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ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC FIELDS & FACILITIES

1545 BOWLING GREEN RD, SCOTTSVILLE, KY 42164

BG# 25-250

CONSTRUCTION DOCUMENTS

MARCH 24, 2026

OWNER:

ALLEN COUNTY BOARD OF EDUCATION

570 W OLIVER ST, SCOTTSVILLE, KY 42164

SCB PROJECT NUMBER: 2459

TRAVIS HAMBY - SUPERINTENDENT
BRIAN CELSOR - BOARD CHAIRMAN
AL BARMAN - BOARD VICE CHAIRMAN
STACY COFFEY - BOARD MEMBER
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SCB PROJECT NO. 2459

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
COVER SHEET
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2459 Allen Co Athletic Fields & Facilities - R26.rvt
3/24/2026 12:14:34 PM

100 - AUX GYM ADDITION

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2018, 3RD EDITION)

USE GROUP: E / A-3

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

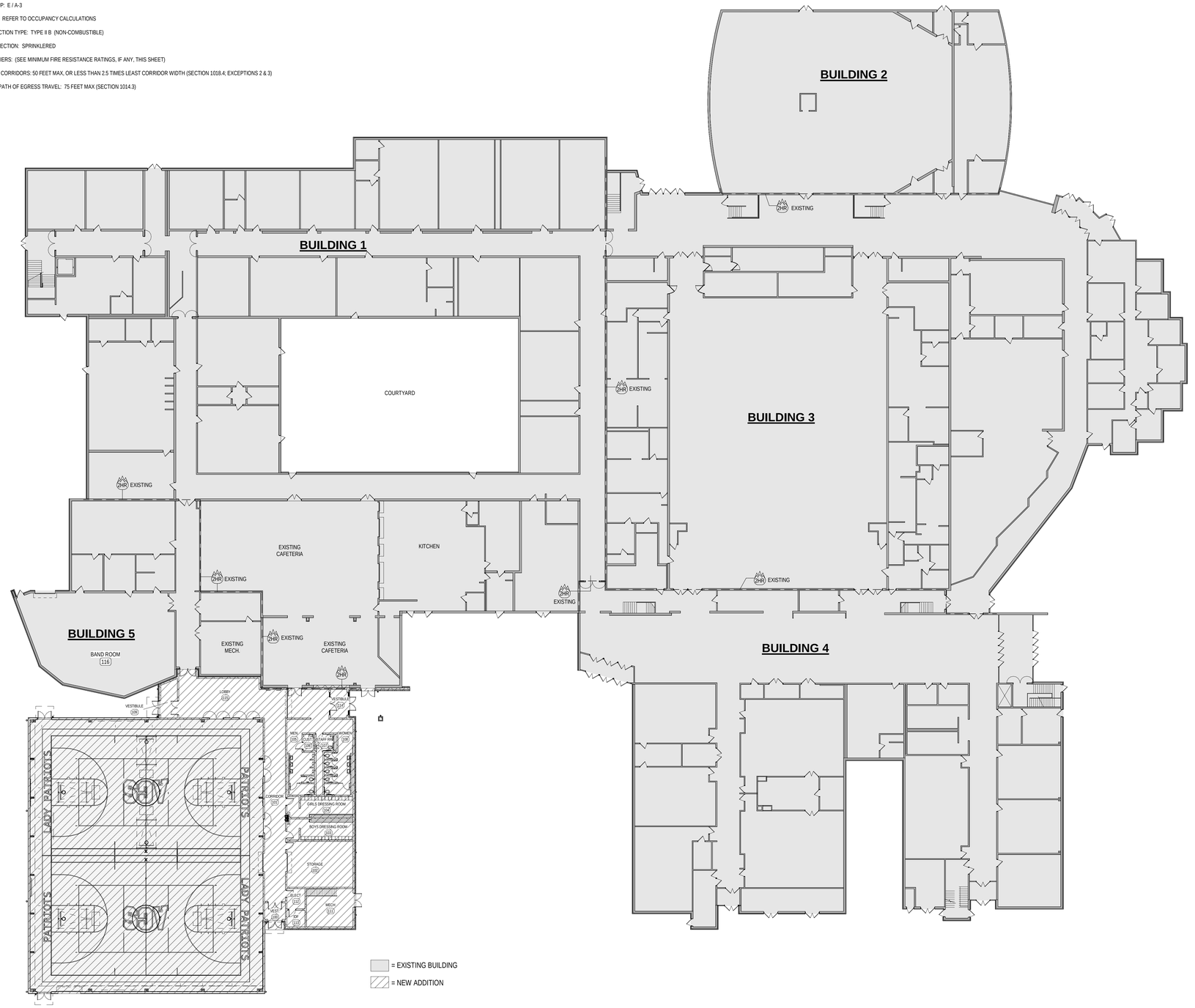
CONSTRUCTION TYPE: TYPE II B (NON-COMBUSTIBLE)

FIRE PROTECTION: SPRINKLERED

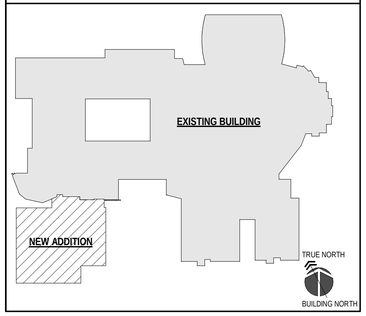
FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



KEY PLAN



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT = 3 STORIES / 75'-0" (PER TABLE 504.3 AND 504.4)

ACTUAL BUILDING HEIGHT = 1 STORY / 23'-6"

ALLOWABLE AREA CALCULATIONS :

FRONTAGE INCREASE : $I_f = \left[\frac{F}{P} - .25\right] \frac{30}{30}$

$I_f = \left[\frac{2,210.875}{2,579.19} - .25\right] \frac{30}{30}$

$I_f = 0.607$

SPRINKLER INCREASE : $I_S = 200\%$

ALLOWABLE AREA PER STORY : $A_t = 43,500$ SQ.FT. (PER TABLE 506.2)

ALLOWABLE AREA TOTAL : $A_a = A_t + \left[A_t \times I_f\right] + \left[A_t \times I_S\right]$

ALLOWABLE AREA TOTAL : $A_a = 43,500 + \left[43,500 \times 0.607\right] + \left[43,500 \times 2\right]$

$A_a = 43,500 + 26,404.5 + 87,000$

$A_a = 156,904.5$ SQUARE FEET (TOTAL ALLOWABLE) / FLOOR

2 100 - FIRST FLOOR PLAN
1" = 20'-0"

ACTUAL AREA CALCULATIONS:

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA EXISTING FIRST FLOOR: 125,183 SQ.FT.
AREA NEW ADDITION: 15,394 SQ.FT.

TOTAL AREA FIRST FLOOR: 140,577 SQ.FT.

AUX GYM ASSEMBLY AREAS OCCUPANT LOADS :

EXERCISE ROOMS / LOCKER ROOMS
50 SF PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 307 OCCUPANTS FOR 11,025 SQ.FT.

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER
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W. SMITH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BUILDING CODE INFORMATION

JOB NO.	2459
DATE	3/24/2026
DRAWN	Author
CHECKED	RJV , ASC

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SHERMAN CARTER BARNHART ARCHITECTS, PLLC

REVISIONS

No.	Description	Date

SHEET

C0.1

700 - SOCCER

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2013, 4TH EDITION)

USE GROUP: A-3

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

CONSTRUCTION TYPE: TYPE II B (NON-COMBUSTIBLE)

FIRE PROTECTION: SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)

BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
SPRINKLER INCREASE	= 0 STORIES / 0'-0" (PER SECTION 504.2)
TOTAL ALLOWABLE HEIGHT	= 2 STORIES / 55'-0"
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA CALCULATIONS :

FRONTAGE INCREASE : (SECTION 506.2)

$$I_f = \left[\frac{F}{P} - .25 \right] \frac{W}{30}$$

$$I_f = \left[988 - .25 \right] \frac{25.3}{30}$$

$$I_f = .624$$

SPRINKLER INCREASE : (SECTION 506.3) $I_s = 300\%$

ALLOWABLE AREA PER STORY : (TABLE 503) $A_t =$ 9,500 SQ.FT. (PER TABLE 503, A-3)

ALLOWABLE AREA TOTAL : (SECTION 506.1)

$$A_a = A_t + \left[A_t \times I_f \right] + \left[A_t \times I_s \right]$$

ALLOWABLE AREA TOTAL :

$$A_a = 9{,}500 + \left[9{,}500 \times .63 \right] + \left[9{,}500 \times 3 \right]$$

$$A_a = 9{,}500 + 5{,}985 + 28{,}500$$

$A_a =$ 43,985 SQUARE FEET (TOTAL ALLOWABLE) / FLOOR

ACTUAL AREA CALCULATIONS:

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA UPPER LEVEL:

800 - ATHLETIC COMPLEX

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2013, 4TH EDITION)

USE GROUP: A-3

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

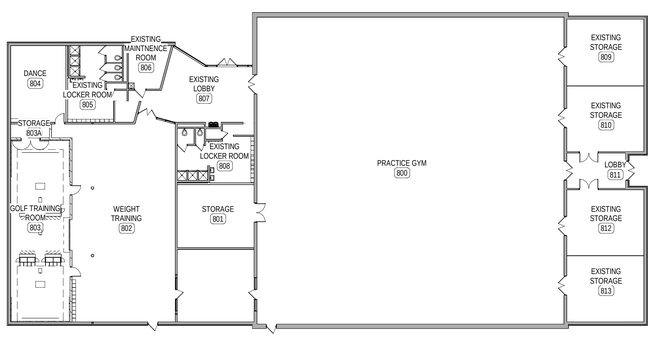
CONSTRUCTION TYPE: TYPE II B (NON-COMBUSTIBLE)

FIRE PROTECTION: NON-SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA :

ALLOWABLE AREA PER STORY : $A_t =$ 8,500 SQ.FT. (PER TABLE 506.2)

ACTUAL AREA :

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA FIRST LEVEL: 1,765 SQ.FT.

500 - SOFTBALL

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2013, 4TH EDITION)

USE GROUP: U

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

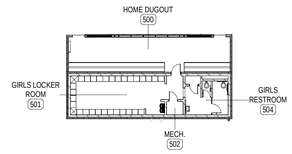
CONSTRUCTION TYPE: TYPE 5B (NON-COMBUSTIBLE)

FIRE PROTECTION: NON-SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA :

ALLOWABLE AREA PER STORY : $A_t =$ 8,500 SQ.FT. (PER TABLE 506.2)

ACTUAL AREA :

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA FIRST LEVEL: 1,765 SQ.FT.

SOFTBALL OCCUPANT LOADS :

STORAGE ROOMS
300 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 4 OCCUPANTS FOR 942 SQ. FT. TOTAL (5 STORAGE ROOMS TOTAL)

LOCKER ROOM
50 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 34 OCCUPANTS FOR 1,653 SQ. FT. (INCLUDES RESTROOMS & SHOWERS)

MDF / IDF ROOM
300 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 1 OCCUPANT FOR 130 SQ. FT.

COACHES' OFFICES
100 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 7 OCCUPANTS FOR 660 SQ. FT. TOTAL (3 OFFICE SPACES)

DUGOUT
5 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 88 OCCUPANTS FOR 438 SQ. FT. TOTAL

TOTAL MAXIMUM CALCULATED OCCUPANT LOAD = 202 OCCUPANTS (ATHLETIC BUILDING)

600 - GRANDSTANDS

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2013, 4TH EDITION)

USE GROUP: A-3

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

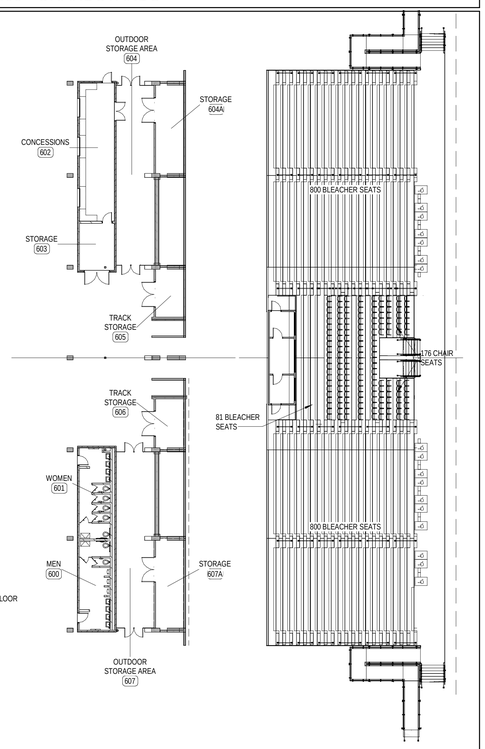
CONSTRUCTION TYPE: TYPE II B (NON-COMBUSTIBLE)

FIRE PROTECTION: SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
SPRINKLER INCREASE	= 0 STORIES / 0'-0" (PER SECTION 504.2)
TOTAL ALLOWABLE HEIGHT	= 2 STORIES / 55'-0"
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA CALCULATIONS :

FRONTAGE INCREASE : (SECTION 506.2)

$$I_f = \left[\frac{F}{P} - .25 \right] \frac{W}{30}$$

$$I_f = \left[988 - .25 \right] \frac{25.3}{30}$$

$$I_f = .624$$

SPRINKLER INCREASE : (SECTION 506.3) $I_s = 300\%$

ALLOWABLE AREA PER STORY : (TABLE 503) $A_t =$ 9,500 SQ.FT. (PER TABLE 503, A-3)

ALLOWABLE AREA TOTAL : (SECTION 506.1)

$$A_a = A_t + \left[A_t \times I_f \right] + \left[A_t \times I_s \right]$$

ALLOWABLE AREA TOTAL :

$$A_a = 9{,}500 + \left[9{,}500 \times .63 \right] + \left[9{,}500 \times 3 \right]$$

$$A_a = 9{,}500 + 5{,}985 + 28{,}500$$

$A_a =$ 43,985 SQUARE FEET (TOTAL ALLOWABLE) / FLOOR

ACTUAL AREA CALCULATIONS:

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA UPPER LEVEL:

GRANDSTAND OCCUPANT LOADS :

CONCESSIONS
200 SQ. FT. PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 4 OCCUPANTS FOR 608 SQ. FT.

PUBLIC RESTROOMS
FIXED FIXTURE COUNT (4 FIXTURES, 2 SINKS) = 6 OCCUPANTS PER RESTROOM (TWO PUBLIC RESTROOMS)
MAXIMUM CALCULATED OCCUPANCY = 12 OCCUPANTS TOTAL (FOR BOTH RESTROOMS)

TOTAL MAXIMUM CALCULATED OCCUPANT LOAD = 202 OCCUPANTS (ATHLETIC BUILDING)

GRANDSTANDS

BENCH SEATING CAPACITY:	1681
CHAIR SEATING CAPACITY:	176
TOTAL SEATING CAPACITY:	1857

200 - FIELD HOUSE

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2018, 3RD EDITION)

USE GROUP: UNSEPARATED MIXED USE A-3/B (A-3 GOVERNS)

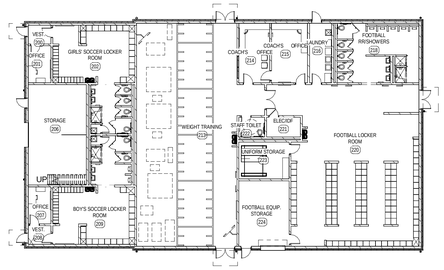
CONSTRUCTION TYPE: TYPE II B (NON-COMBUSTIBLE)

FIRE PROTECTION: SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 504.3 AND 504.4)
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA :

ALLOWABLE AREA PER STORY : $A_t =$ 38,000 SF (PER TABLE 503)

ACTUAL AREA :

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA FIRST LEVEL: 9,620 SF

FIELDHOUSE ASSEMBLY AREAS OCCUPANT LOADS :

EXERCISE ROOMS / LOCKER ROOMS
50 SF PER OCCUPANT (TABLE 1004.1.2)
MAXIMUM CALCULATED OCCUPANCY = 178 OCCUPANTS FOR 8,934 SF

300 - CONCESSIONS

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2018, 3RD EDITION)

USE GROUP: B

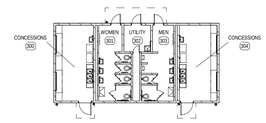
CONSTRUCTION TYPE: TYPE 5B (NON-COMBUSTIBLE)

FIRE PROTECTION: NON-SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA :

ALLOWABLE AREA PER STORY : $A_t =$ 8,500 SQ.FT. (PER TABLE 506.2)

ACTUAL AREA :

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA FIRST LEVEL: 1,350 SQ.FT.

400 - BASEBALL

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE (2013, 4TH EDITION)

USE GROUP: U

CAPACITY: REFER TO OCCUPANCY CALCULATIONS

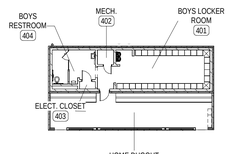
CONSTRUCTION TYPE: TYPE V-B (NON-COMBUSTIBLE)

FIRE PROTECTION: NON-SPRINKLERED

FIRE BARRIERS: (SEE MINIMUM FIRE RESISTANCE RATINGS, IF ANY, THIS SHEET)

DEAD END CORRIDORS: 50 FEET MAX, OR LESS THAN 2.5 TIMES LEAST CORRIDOR WIDTH (SECTION 1018.4; EXCEPTIONS 2 & 3)

COMMON PATH OF EGRESS TRAVEL: 75 FEET MAX (SECTION 1014.3)



BUILDING HEIGHT CALCULATIONS :

ALLOWABLE HEIGHT	= 2 STORIES / 55'-0" (PER TABLE 503: TYPE II B)
ACTUAL BUILDING HEIGHT	= 1 STORY / 23'-6"

ALLOWABLE AREA :

ALLOWABLE AREA PER STORY : $A_t =$ 8,500 SQ.FT. (PER TABLE 506.2)

ACTUAL AREA :

(TOTAL TABULATIONS PER FLOOR PLAN ABOVE)

AREA FIRST LEVEL: 1,765 SQ.FT.

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECTS
REGISTERED
NO. 5693
R. SMITH
CHRISTOPHER
2323-5693
CHRISTOPHER R. SMITH
NO. 5693
REGISTERED
KENTUCKY LICENSED ARCHITECTS

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BUILDING CODE INFORMATION

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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ARCHITECTS, PLLC

REVISIONS

No.	Description	Date

SHEET

C0.2

FLOODPLAIN INFORMATION

THE PROPERTY SHOWN HEREON DOES NOT LIE IN A FLOOD PRONE AREA ACCORDING TO (FIRM) FLOOD INSURANCE RATE MAP FOR ALLEN COUNTY, KENTUCKY. SAID AREA IS SHOWN ON MAP #21003C0140C & 21003C0255C, WITH AN EFFECTIVE DATE OF JULY 4, 2011.

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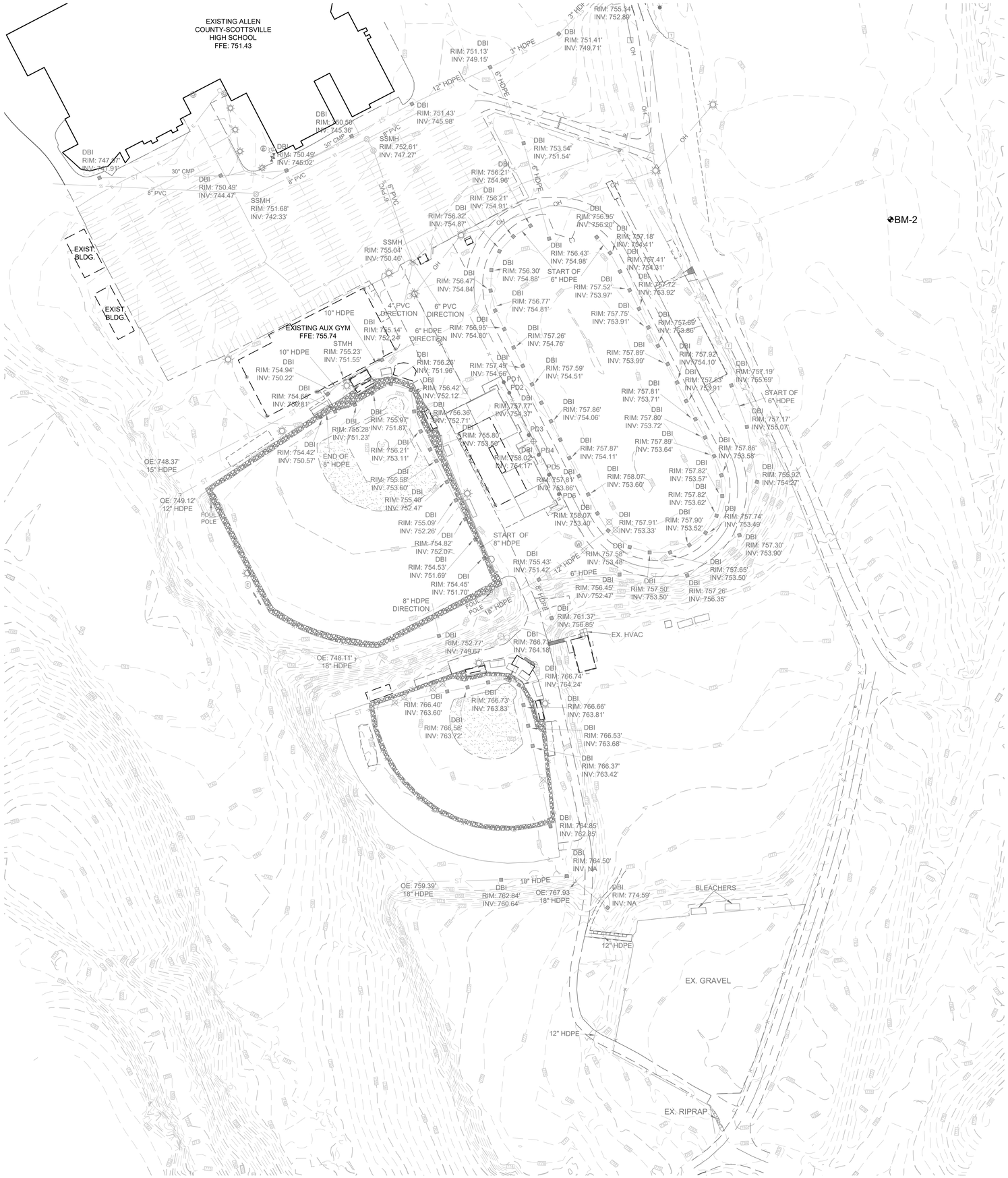
BENCHMARK DATA:

BENCHMARK 1
MAGNAIL
N: 1793205.31
E: 1503785.27
ELEV: 756.82'

BENCHMARK 2
MAGNAIL
N: 1792672.53
E: 1504001.98
ELEV: 773.71'



LEGEND

- BENCHMARK
- IRON PIN FOUND
- IRON PIN SET
- CONCRETE R/W MONUMENT
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEAN OUT
- ANCHOR
- UTILITY POLE
- SIGNAL POLE
- ELECTRIC BOX
- ELECTRIC METER
- GAS VALVE
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- GAS METER
- TELEPHONE PEDESTAL
- STORM SEWER MANHOLE
- DROP BOX INLET
- CURB BOX INLET
- PIPE BOLLARD
- GUTTER OUTLET
- ROAD SIGN
- TREE
- MAILBOX
- LAMP POLE

BSBL BUILDING SET BACK LINE
ESOL EACH SIDE OF LINE
PUE PUBLIC UTILITY EASEMENT
FFE FINISHED FLOOR ELEVATION

- PROPERTY LINE
- SETBACK LINE
- EASEMENTS
- LOT LINE TO BE ABANDONED
- CENTERLINE
- E UNDERGROUND ELECTRIC
- G GAS LINE
- OH OVERHEAD UTILITIES
- T BURIED TELEPHONE
- SS SANITARY SEWER LINE
- W WATER LINE
- ST STORM SEWER LINE
- X FENCE LINE
- DRAINAGE ESMT.

0' 60' 120' 180'
GRAPHIC SCALE: 1" = 60'

GENERAL NOTES

1. THIS EXHIBIT IS A TOPOGRAPHIC SURVEY ONLY, AND IS NOT TO BE USED AS A BOUNDARY SURVEY, OR AS AN INSTRUMENT TO TRANSFER TITLE. THE BOUNDARY OF THE PROPERTY DEPICTED ON THIS SURVEY IS BASED ON DEED BOOK XXX PAGE XXX AS FOUND IN THE OFFICE OF THE ALLEN COUNTY CLERK.
2. THE LOCATION OF ALL UTILITIES SHOWN HEREON ARE BASED ON THE FIELD LOCATION OF FOUND VISIBLE STRUCTURES OR AS FLAGGED OR MARKED BY THEIR RESPECTIVE UTILITY COMPANIES. THERE MAY BE OTHER UNDERGROUND UTILITIES LOCATED ON THE PROPERTY SHOWN HEREON. NO GUARANTEE IS EXPRESSED OR IMPLIED TO THE ACTUAL LOCATION OF SAID UTILITIES.
3. THIS TOPOGRAPHIC SURVEY IS SUBJECT TO ANY AND ALL FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
4. THE PROPERTY SHOWN HEREON IS SUBJECT TO ANY AND ALL LEGAL EASEMENTS AND RIGHT-OF-WAYS RECORDED AND UNRECORDED, INCLUDING BUT NOT LIMITED TO THOSE SHOWN HEREON.
5. AT THE TIME OF THE RECORD RESEARCH CONDUCTED FOR THIS SURVEY, THE SUBJECT PROPERTY DID NOT HAVE A DESIGNATED PHYSICAL ADDRESS. **********REMOVE THIS NOTE AND ADD ADDRESS IF AVAILABLE**********
6. THE DATUM FOR THIS SURVEY IS GRID NORTH AS ESTABLISHED BY KENTUCKY STATE PLANE COORDINATES, SOUTH ZONE 1602. THE VERTICAL DATUM FOR THIS SURVEY IS NAVD 88 AS OBTAINED FROM KYCORS OBSERVATION.

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Z:\SiteDevelopment\2025 Projects\Allen Co Schools - Athletic Complex\Sitedev\Final Plans\C1 - Existing Topography.dwg
Date/Time: Nov 7, 2025 - 2:57pm
Login Name: Aaron Arnold
Sheet Layout: C1 - EXISTING CONDITIONS

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ACES
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P.O. BOX 1338
BOWLING GREEN, KY 42101
PHONE (270) 793-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

EXISTING TOPOGRAPHY

JOB NO.	--
DATE	11/14/2025
DRAWN	T. EWING
CHECKED	L. CONWAY

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REVISIONS

No.	Description	Date

SHEET
C1

FLOODPLAIN INFORMATION

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BENCHMARK 1
MAGNAIL
N: 1793205.31
E: 1503785.27
ELEV: 756.82'

BENCHMARK 2
MAGNAIL
N: 1792672.53
E: 1504001.98
ELEV: 773.71'

EXISTING ALLEN COUNTY-SCOTTSVILLE HIGH SCHOOL
FFE: 751.43

EXISTING JAMES E BAZZELL MIDDLE SCHOOL

BM-2

EXIST. BLDG.

EXIST. BLDG.

EXISTING AUX GYM
FFE: 755.74

SSMH
RIM: 752.61'
INV: 747.27'

SSMH
RIM: 751.68'
INV: 742.33'

SSMH
RIM: 755.04'
INV: 750.46'

4" PVC DIRECTION

6" PVC DIRECTION

8" PVC

6" PVC

EX. GRAVEL

130 SPACES

90 SPACES

NEW GALLATIN ROAD (US-31E)
PVMT VARIES – ROW VARIES

GRAPHIC SCALE: 1" = 60'

Kentucky 811
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Date/Time: Mar 24, 2026 - 11:09pm
Login Name: Aaron Arnold
Sheet Layout: C2

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PHONE (270) 780-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE LAYOUT (OVERALL)

JOB NO.	--
DATE	03/24/2026
DRAWN	A. ARNOLD
CHECKED	A. ARNOLD

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No.	Description	Date

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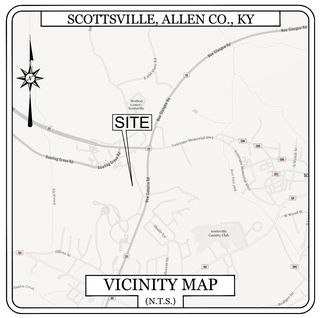

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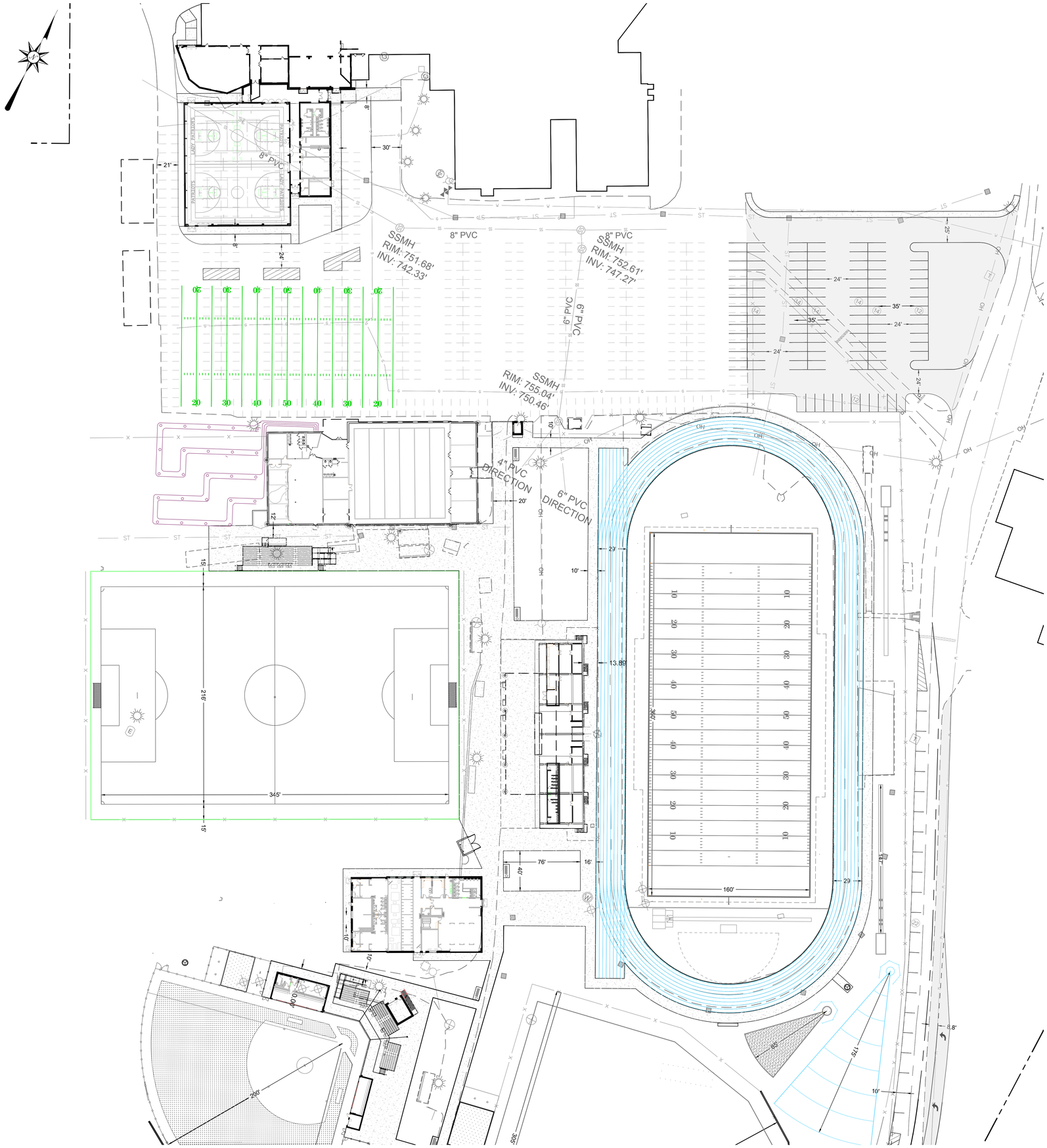

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Date & Time: Mar 24, 2026 - 1:19pm
Login Name: Aaron Arnold
Sheet Layout: C2.1

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PHONE (270) 780-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE LAYOUT (ENLARGMENT)

JOB NO.	--
DATE	03/24/2026
DRAWN	A. ARNOLD
CHECKED	A. ARNOLD

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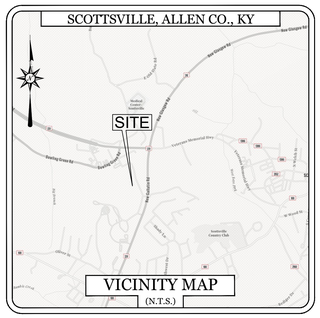
REVISIONS

No.	Description	Date

SHEET
C2.1



FLOODPLAIN INFORMATION

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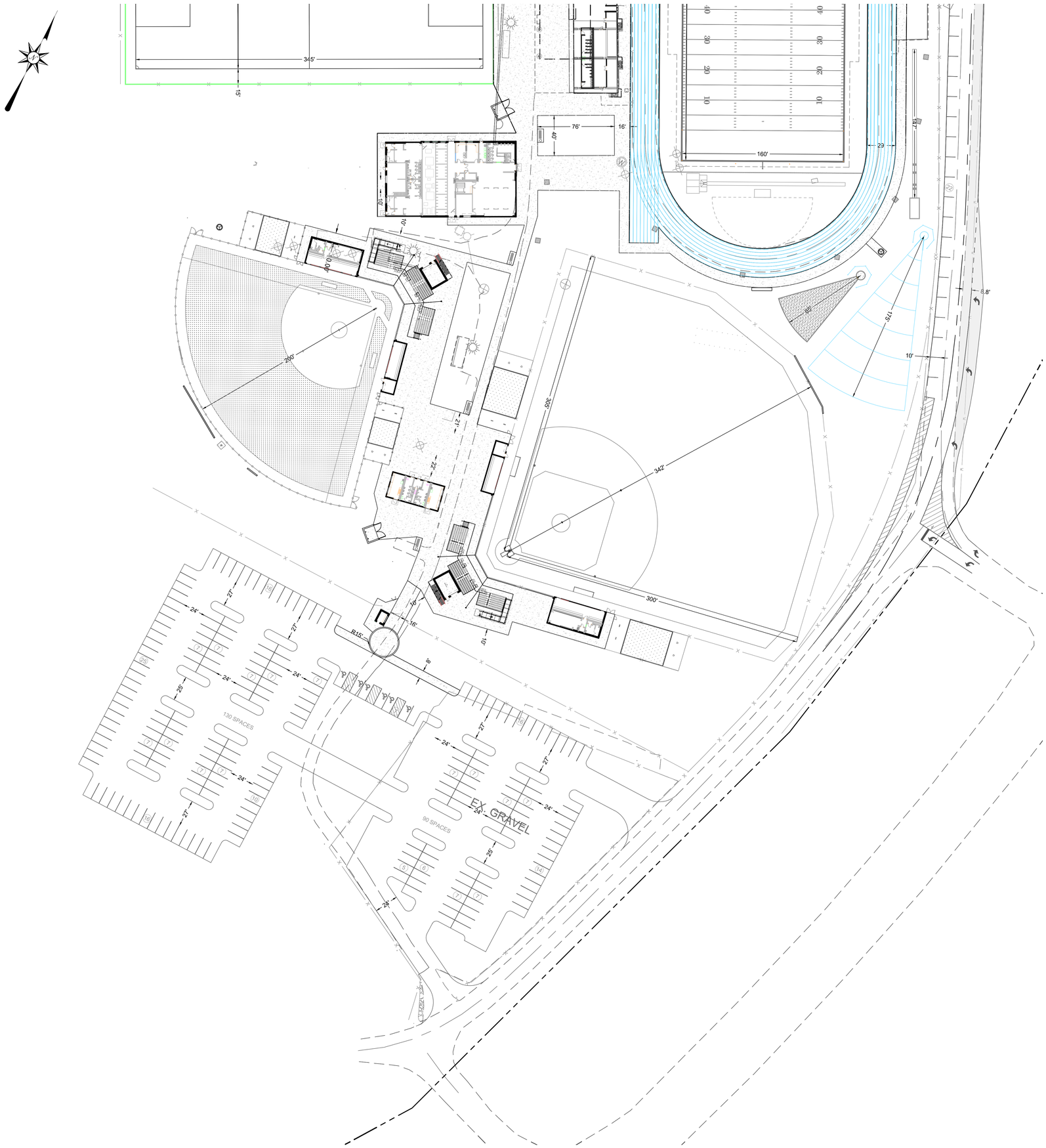
ELEV: 773.71'



0' 40' 80' 120'
GRAPHIC SCALE: 1" = 40'

Kentucky 811 — Know what's below. Call before you dig.

Z:\Site Development\2025 Projects\Allen Co Schools - Athletic Complex\Sitework\Final Plans\C2 - Site Layout.dwg
Plot By: Aaron Arnold Plot Date: 3/26/2026 11:19am
Login Name: Aaron Arnold
Sheet Layout: C2.2

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P.O. BOX 1338
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PHONE (270) 780-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE LAYOUT (ENLARGMENT)

JOB NO.	--
DATE	03/24/2026
DRAWN	A. ARNOLD
CHECKED	A. ARNOLD

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REVISIONS

No.	Description	Date

SHEET
C2.2

SCOTTSVILLE, ALLEN CO., KY

VICINITY MAP
(N.T.S.)

FLOODPLAIN INFORMATION

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ELEV: 756.82'

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MAGNAIL
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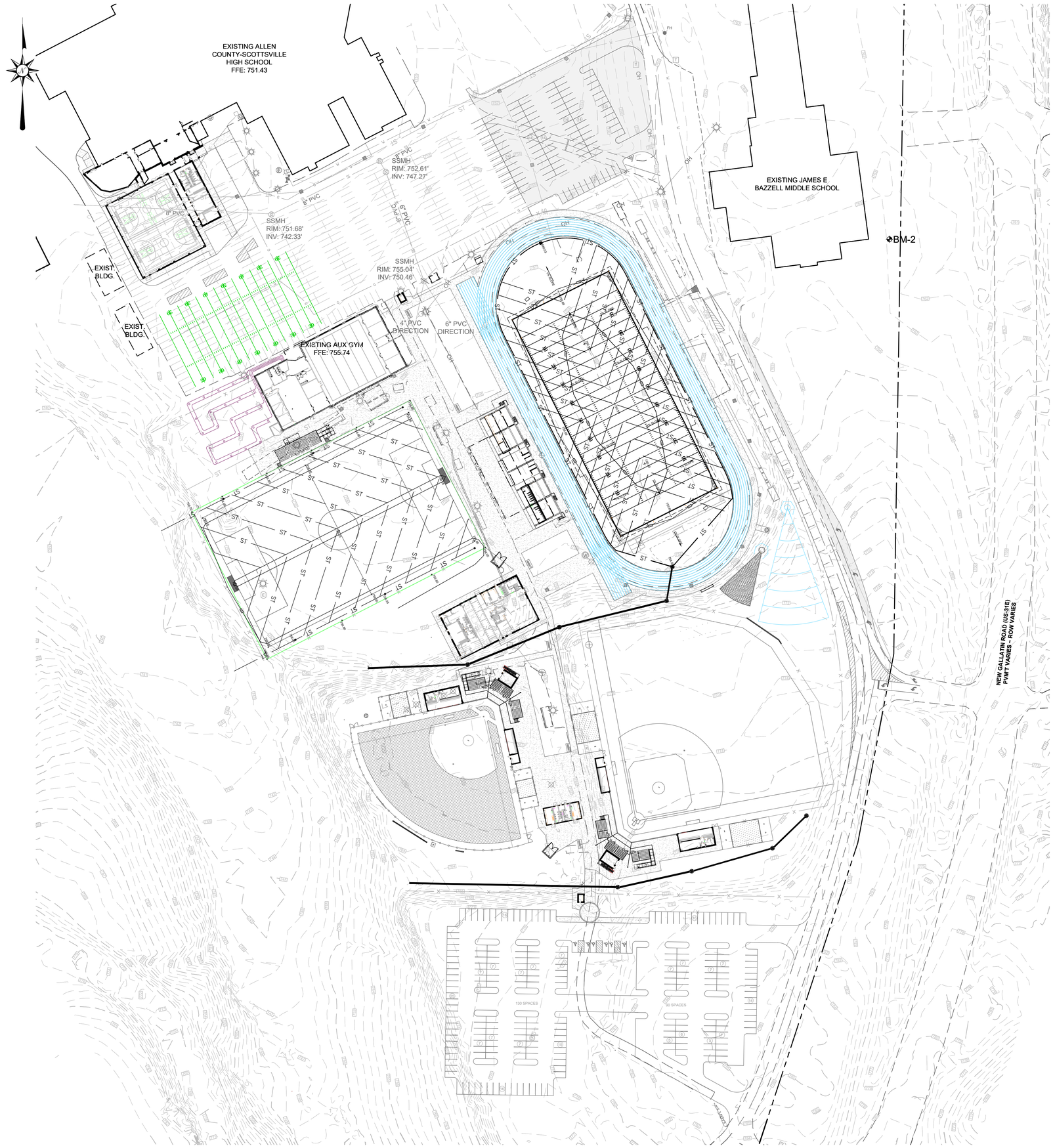
ELEV: 773.71'



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PHONE (270) 793-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE GRADING (OVERALL)

JOB NO.	--
DATE	11/14/2025
DRAWN	A. ARNOLD
CHECKED	A. ARNOLD

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SHEET

C3.0

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Plot Date: Nov 14, 2025 - 1:05pm
Login Name: Aaron Arnold
Sheet Layout: C3

SCOTTSVILLE, ALLEN CO., KY

VICINITY MAP
(N.T.S.)

FLOODPLAIN INFORMATION

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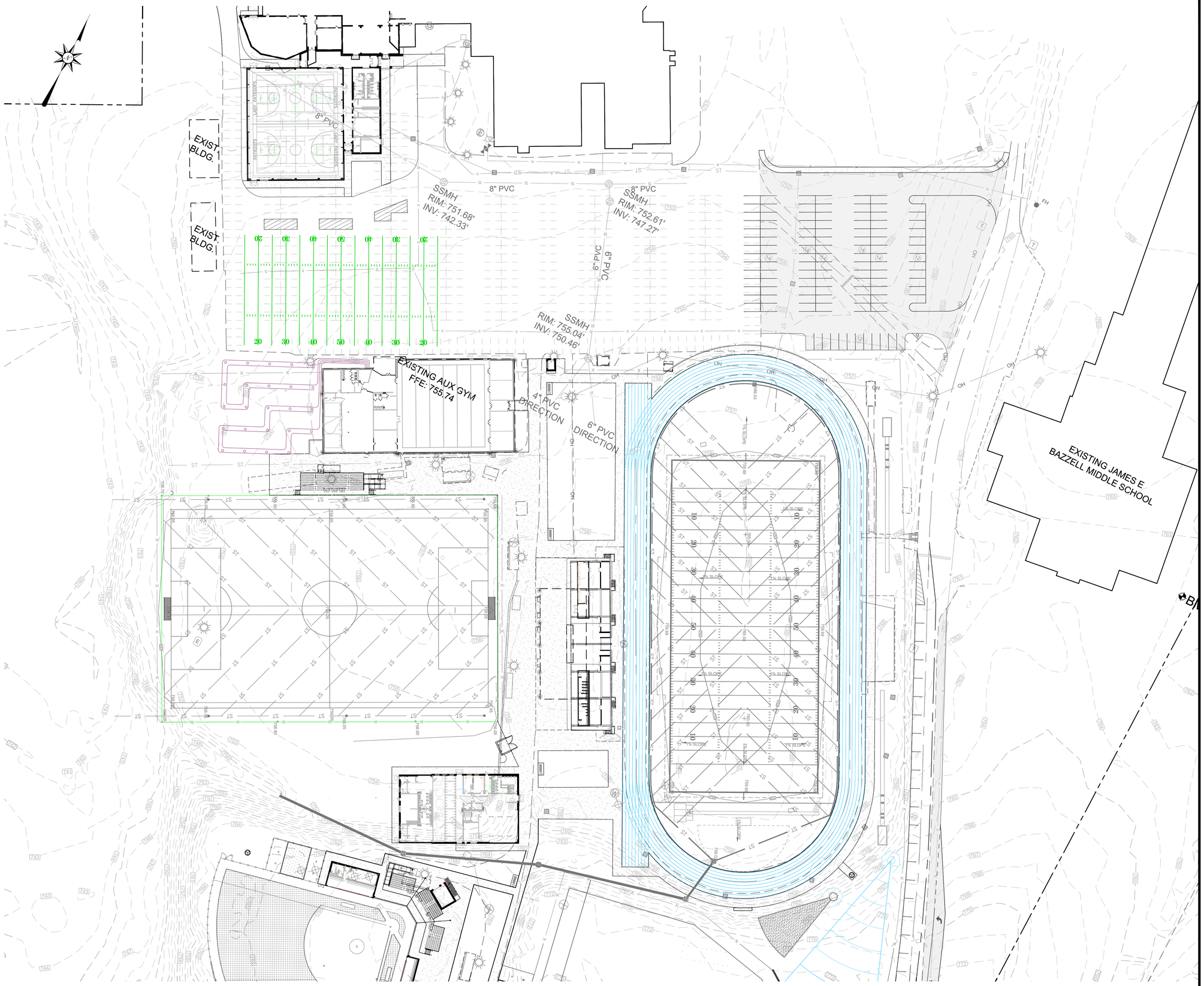
BENCHMARK DATA:

BENCHMARK 1
MAGNAIL
N: 1793205.31
E: 1503785.27
ELEV: 756.82'

BENCHMARK 2
MAGNAIL
N: 1792672.53
E: 1504001.98
ELEV: 773.71'



0' 40' 80' 120'
GRAPHIC SCALE: 1" = 40'

Kentucky 811
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Z:\SiteDevelopment\2025 Projects\Allen Co Schools - Athletic Complex\Sitedev\Final Plans\C3 - Site Grading.dwg
Date & Time: Nov 14, 2025 - 1:05pm
Login Name: Aaron Arnold
Sheet Layout: C3.1

SHERMAN CARTER BARNHART ARCHITECTS

ACES
ARNOLD CONSULTING ENGINEERING SERVICES, INC.
P.O. BOX 1338
BOWLING GREEN, KY 42101
PHONE (270) 780-9445

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE GRADING (ENLARGEMENT)

JOB NO.	--
DATE	11/14/2025
DRAWN	A. ARNOLD
CHECKED	A. ARNOLD

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REVISIONS

No.	Description	Date

SHEET
C3.1

SCOTTSVILLE, ALLEN CO., KY

VICINITY MAP
(N.T.S.)

FLOODPLAIN INFORMATION

THE PROPERTY SHOWN HEREON DOES NOT LIE IN A FLOOD PRONE AREA ACCORDING TO (FIRM) FLOOD INSURANCE RATE MAP FOR ALLEN COUNTY, KENTUCKY. SAID AREA IS SHOWN ON MAP #21003C0140C & 21003C0255C, WITH AN EFFECTIVE DATE OF JULY 4, 2011.

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Date & Time: 11/14/2025 1:07pm
Login Name: Aaron Arnold
Sheet Layout: C3.2

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ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

SITE GRADING (ENLARGEMENT)

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REVISIONS

No.	Description	Date

SHEET
C3.2

1. GENERAL:

A. THESE GENERAL NOTES PRESENT AND / OR SUMMARIZE KEY PROJECT INFORMATION FOR THE PLAN READER's CONVENIENCE. SEE ALSO INDIVIDUAL SHEET NOTES AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

B. ALL REFERENCES TO CODES AND STANDARDS CONTAINED WITHIN THE CONTRACT DOCUMENTS ARE TO THE MOST RECENT ISSUE IN EFFECT AS OF THE DATE OF THESE DOCUMENTS UNLESS NOTED OTHERWISE IN THE PROJECT SPECIFICATIONS OR ON THE PLANS.

C. THESE DRAWINGS REPRESENT STRUCTURAL COMPONENTS OF THIS BUILDING IN THEIR FINAL AND COMPLETED STATE. CONSTRUCTION PROCEDURES, METHODS and MEANS (INCLUDING, BUT NOT LIMITED TO, TEMPORARY SHORING AND BRACING), SAFETY PRECAUTIONS AND / OR MECHANICAL REQUIREMENTS TO ERECT THE ELEMENTS OF THIS BUILDING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND / OR SUB-CONTRACTORS DOING THE WORK. THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR COMPLYING WITH OSHA REGULATIONS.

D. THIS PROJECT INVOLVES RENOVATION AND ADDITIONS TO AN EXISTING FACILITY. THERE MAY BE UNDERGROUND UTILITIES PRESENT WITHIN THE FOOTPRINT OF THIS BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, IDENTIFY, AND PROTECT ALL EXISTING UNDERGROUND UTILITIES FROM DAMAGE DURING CONSTRUCTION. ADDITIONALLY, THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE DONE TO THE EXISTING FACILITIES OR EXISTING UNDERGROUND UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER, AT NO ADDITIONAL COST.

E. THE USE OF REPRODUCTIONS OF THE STRUCTURAL DRAWINGS BY THE CONTRACTOR OR ANY SUB-CONTRACTOR, DETAILER, FABRICATOR, ERECTOR, MATERIAL SUPPLIER, ET. AL. IN LIEU OF OR TO FACILITATE THE PREPARATION OF SHOP OR ERECTION DRAWINGS WILL NOT BE PERMITTED. ELECTRONIC DRAWING FILES WILL NOT BE PROVIDED TO THE CONTRACTOR.

F. THE CONTRACTOR SHALL COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES, CONFLICTING INFORMATION AND / OR OMISSIONS ARE DISCOVERED. THE CONTRACTOR SHALL AWAIT CLARIFICATION / RESOLUTION OF SUCH CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.

G. THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE ARCHITECT IMMEDIATELY ANY DISCREPANCIES, CONFLICTING INFORMATION AND / OR OMISSIONS ARE DISCOVERED. THE CONTRACTOR SHALL AWAIT CLARIFICATION / RESOLUTION OF SUCH CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.

★ H. THE CONTRACTOR SHALL CHECK AND APPROVE ALL SHOP DRAWINGS AND MATERIAL SUBMITTALS PRIOR TO SUBMITTING SAME TO THE ARCHITECT / ENGINEER FOR REVIEW. FAILURE TO COMPLETELY CHECK THE SHOP DRAWINGS DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR PROBLEMS THAT MAY ARISE FROM COORDINATION, DETAILING, FABRICATION, AND / OR ERECTION ERRORS. DELAYS IN PROJECT RESULTING FROM THE FAILURE BY THE CONTRACTOR TO ADEQUATELY CHECK SHOP DRAWINGS OR DUE TO THE REJECTION OF INCOMPLETE OR INADEQUATE SUBMITTALS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE ARCHITECT / ENGINEER WILL REVIEW THE SHOP DRAWINGS FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES & DIMENSIONS, FOR SELECTING FABRICATING PROCESSES, FOR TECHNIQUES OF ASSEMBLY AND FOR THE COORDINATION OF THE WORK OF ALL TRADES.

J. THE CONTRACTOR SHALL COORDINATE THE SUPPORT REQUIREMENTS FOR MECHANICAL EQUIPMENT, PARTITIONS, AND OTHER SUCH ITEMS AND VERIFY THAT THE MISCELLANEOUS FRAMING SHOWN ON STRUCTURAL DRAWINGS TO SUPPORT THOSE ITEMS IS CONSISTENT WITH THE MANUFACTURER's REQUIREMENTS.

K. PROPRIETARY PRODUCTS OF INDIVIDUAL MANUFACTURERS AND / OR TRADEMARKED PRODUCTS ARE SPECIFIED HEREIN ON AS THE "BASIS OF DESIGN". SUBJECT TO THE SUBSTITUTION PROVISIONS OUTLINED IN THE SPECIFICATIONS , MANUFACTURER's DATA ON ALTERNATE PRODUCTS OF A QUALITY EQUAL TO OR BETTER THAN THOSE SPECIFIED MAY BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. UPON APPROVAL OF ARCHITECT, THESE ALTERNATE PRODUCTS MAY BE USED IN LIEU OF THE SPECIFIED PRODUCT.

L. ABBREVIATIONS:

"ACI"........ REFERS TO THE "AMERICAN CONCRETE INSTITUTE"
"AISC"........ REFERS TO THE "AMERICAN INSTITUTE OF STEEL CONSTRUCTION"
"SJI"........ REFERS TO THE "STEEL JOIST INSTITUTE"
"SDI"........ REFERS TO THE "STEEL DECK INSTITUTE"
"ASTM"........ REFERS TO THE "AMERICAN SOCIETY FOR TESTING AND MATERIALS"
"AWS"........ REFERS TO THE "AMERICAN WELDING SOCIETY"
"V.I.F."........ DENOTES A DIMENSION OR CONDITION THAT MUST BE "VERIFIED IN THE FIELD"

"U.N.O."........ MEANS "UNLESS NOTED OTHERWISE"
"TYP."........ THIS NOTATION ON SECTIONS, DIMENSIONS AND DETAILS INDICATES THAT THE IDENTIFIED CONTITION IS "TYPICAL" AT SEVERAL LOCATIONS.

"SIM."........ THIS NOTATION ON SECTIONS & DETAILS INDICATES THAT THE IDENTIFIED CONDITION IS "SIMILAR" TO THE REFERENCED SECTION OR DETAIL.

"N.S. & F.S."........ MEANS "NEAR SIDE AND FAR SIDE"
"E.W."........ MEANS "EACH WAY"
"EL." or "ELEV."........ MEANS "ELEVATION"
"T.O.S. ELEV."........ DENOTES "TOP OF STEEL ELEVATION"
"T/STL. ELEV."........ DENOTES "TOP OF STEEL ELEVATION"
"T/SLAB"........ DENOTES "TOP OF SLAB"
"T/C ELEV."........ DENOTES "TOP OF CONCRETE ELEVATION"
"T/CONC. ELEV."........ DENOTES "TOP OF CONCRETE ELEVATION"
"B/FTG. ELEV."........ DENOTES "BOTTOM OF FOOTING ELEVATION"
"SEE ARCH."........ DENOTES A DIMENSION OR CONDITION THAT IS CLARIFIED ON THE ARCHITECTURAL DRAWINGS

"CENTERS" or "CTRS."........ DENOTES A "CENTER TO CENTER" DIMENSION
"C.J."........ DENOTES A "CONTROL JOINT" OR A "CONSTRUCTION JOINT" IN THE CONCRETE SLAB OR FOUNDATION WALLS – SEE SECTIONS AND DETAILS ON SHEET S2.0 FOR ADDITIONAL INFORMATION

"R.C.J."........ DENOTES A "REQUIRED CONSTRUCTION JOINT"
"WWF"........ DENOTES "WELDED WIRE FABRIC" CONCRETE SLAB REINFORCING
"WWR"........ DENOTES "WELDED WIRE REINFORCEMENT" CONCRETE SLAB REINFORCING
"TCX"........ DENOTES A STEEL BAR JOIST "TOP CHORD EXTENSION"
"J.B.E." or "JBE"........ DENOTES "JOIST BEARING ELEVATION"
"T.B.E." or "TBE"........ DENOTES "TRUSS BEARING ELEVATION"
"DIA." or "ø"........ MEANS "DIAMETER"
"L.F."........ MEANS "LINEAR FEET"
"Thk."........ MEANS "THICK" or "THICKNESS"
"Sq."........ MEANS "SQUARE"
"Lg."........ MEANS "LONG" or "LENGTH"
"STD. ACI HOOK"........ DENOTES A "STANDARD ACI HOOK" IN REINFORCING STEEL, BENT TO THE ANGLE SPECIFIEC, THAT IS DETAILED AND FABRICATED IN ACCORDANCE WITH THE APPLICABLE ACI SPECIFICATIONS

"CMU" or "C.M.U."........ MEANS "CONCRETE MASONRY UNIT"
"XX FS"........ DENOTES A "FOOTING STEP", "XX" INCHES DEEP
"INT."........ MEANS "INTERIOR"
"EXT."........ MEANS "EXTERIOR"
"E.F."........ MEANS "EACH FACE"
"N.F."........ MEANS "NEAR FACE"
"F.F."........ MEANS "FAR FACE"
"I.F."........ MEANS "INSIDE FACE"
"O.F."........ MEANS "OUTSIDE FACE"
"LW"........ DENOTES "LIGHTWEIGHT CONCRETE"
"NW"........ DENOTES "NORMAL WEIGHT CONCRETE"
"N.I.C."........ MEANS "NOT IN CONTRACT"
"B" or "Bott."........ MEANS "BOTTOM"
"T"........ MEANS "TOP"
"RE:"........ MEANS "REFER TO" THE SECTION OR DETAIL LISTED FOR ADDITIONAL INFORMATION. – e.g. "RE: A/S2.2" MEANS "REFER TO SECTION / DETAIL A ON SHEET S2.2 FOR ADDITIONAL INFORMATION"

M. SPECIAL IDENTIFICATION: ★ INDICATES CONTRACT AND CONSTRUCTION REQUIREMENTS THAT, IN THE EXPERIENCE OF THE DESIGNER, ARE (1) ESPECIALLY CRITICAL TO SAFE OR SATISFACTORY PERFORMANCE; ARE (2) FREQUENTLY NOT GIVEN ADEQUATE CONSTRUCTION QUALITY CONTROL BY THE CONTRACTOR OR SUB-CONTRACTORS; OR, ARE (3) ARE NOT "STANDARD" OR COMMON CONSTRUCTION REQUIREMENTS AND THEREFORE MAY BE SUBJECT TO CONTRACTOR OVERSIGHT IN COSTING AND / OR CONSTRUCTION.

2. DESIGN CRITERIA:

A. THE APPLICABLE BUILDING CODE FOR THIS PROJECT IS THE KENTUCKY BUILDING CODE (KBC), CURRENT (2018) EDITION. LOADS HAVE BEEN CALCULATED IN ACCORDANCE WITH ASCE 7–10.

B. PROJECT LOCATION:

SCOTTSVILLE, ALLEN COUNTY, KENTUCKY
LATITUDE: 36.752848° N
LONGITUDE: 86.217866° W

C. RISK CATEGORY: (RE: ASCE 7–10, TABLE 1.5–1)
HIGH SCHOOL (EDUCATION) III

D. SUPERIMPOSED DESIGN LOADS:

1. GRAVITY LOADS:
DEAD LOADS:
ROOF DEAD LOAD = 30 psf
PRESS BOX 2nd FLOOR DEAD LOAD = 25 psf
LIVE LOADS:
ROOF LIVE LOAD = 30 psf
PRESS BOX 2nd FLOOR LIVE LOAD = 100 psf

2. WIND LOAD CRITERIA – FIELD HOUSE CONTROLS:
★ THE PRE-ENGINEERED METAL BUILDING (PEMB) ENGINEER
★ IS RESPONSIBLE PEMB WIND LOADS
BASIC WIND SPEED, V (3-sec GUST) = 120 mph (ULTIMATE)
EXPOSURE CATEGORY = C
FIELD HOUSE MEAN ROOF HEIGHT, h = 20.0 feet

HEIGHT and EXPOSURE ADJUSTMENT COEFFICIENT = 1.29

COMPONENTS & CLADDING DESIGN WIND PRESSURE:

ROOF MEMBERS (NEGATIVE INDICATES UPLIFT):
ZONE 1 = –27.7 psf
ZONE 2 = –39.1 psf
ZONE 3 = –66.3 psf
WALL MEMBERS:
ZONE 4 = –27.7 psf
ZONE 5 = –33.9 psf

3. SEISMIC DESIGN CRITERA:
★ THE PRE-ENGINEERED METAL BUILDING (PEMB) ENGINEER
★ IS RESPONSIBLE FOR PEMB SEISMIC LOADS
SPECTRAL RESPONSE ACCELERATION –
@ SHORT PERIODS, Ss = 0.186g (Seismic Maps)
@ 1-sec PERIODS, S1 = 0.100g (Seismic Maps)

SEISMIC IMPORTANCE FACTOR, IE
AUXILIARY GYM LOCKER ROOMS

SEISMIC DESIGN CATEGORY = C
SITE SEISMIC CLASSIFICATION = D (PER GEOTECHNICAL)
DESIGN SPECTRAL RESPONSE ACCELERATION –
@ SHORT PERIODS, SDS = 0.201g
@ 1-sec. PERIODS, SD1 = 0.143g

ANALYSIS METHOD: EQUIVALENT LATERAL FORCE METHOD (ELFM)
BASIC SEISMIC FORCE RESISTING SYSTEM CRITERIA:
BEARING WALL SYSTEM OF INTERMEDIATE REINFORCED MASONRY SHEAR WALLS + STEEL SYSTEM NOT DETAILED FOR SEISMIC

RESPONSE MODIFICATION FACTOR, R = 3.00
DEFLECTION AMPLIFICATION FACTOR, Cd = 3.00
SYSTEM OVERSTRENGTH FACTOR, Ω_o = 3.00
APPROXIMATE FUNDAMENTAL PERIOD, Ta = 0.189 sec

DESIGN BASE SHEAR:
SEISMIC RESPONSE COEFFICIENT, Cs = 0.071714
TOTAL BASE SHEAR (ULTIMATE STATE) = 35.0 kips (FIELD HOUSE)
TOTAL BASE SHEAR (ALLOWABLE STRESS) = 25.0 kips

4. SNOW LOAD CRITERIA:
GROUND SNOW LOAD = 15 psf
SNOW IMPORTANCE FACTOR, Is:
FIELD HOUSE = 1.0
AUXILIARY GYMNASIUM LOCKER ROOMS = 1.1
THERMAL FACTOR, Ct = 1.1
SNOW EXPOSURE FACTOR, Ce = 1.1
SNOWDRIFTS ACCOUNTED FOR IN ACCORDANCE WITH ASCE 7–10.

E. FOUNDATIONS:
1. FOUNDATION AND CONCRETE FLOOR SLABS ON GRADE DESIGNS AS WELL AS OTHER ASPECTS OF EARTHWORK & SITE WORK FOR THIS PROJECT HAVE BEEN BASED ON GEOTECHNIAL REPORT PREPARED FOR THIS PROJECT BY ARNOLD CONSULTING CONSULTING SERVICES INC. (ACES) DATED OCTOBER 27, 2025. A COPY OF THIS REPORT IS AVAILABLE FOR THE CONTRACTOR's USE. THE CONTRACTOR SHALL OBTAIN A COPY OF THE REPORT, BECOME FAMILIAR WITH AND FOLLOW ALL INFORMATION AND RECOMMENDATIONS SET FORTH THEREIN. THE CONTRACTOR MUST UNDERSTAND THE ACCURACY OF THESE REPORTS IS LIMITED TO AREAS SPECIFICALLY ADDRESSED IN THE REPORTS. ALL THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT MUST BE VERIFIED IN THE FIELD DURING CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. SEE EARTHWORK, SLABS ON GRADE AND FOUNDATIONS NOTES BELOW FOR ADDITIONAL INFORMATION.

2. FOUNDATION DESIGN CRITERIA:
FOUNDATION SYSTEM – SHALLOW SPREAD FOOTINGS BEARING ON NATIVE SOIL SOIL OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL

3. ALLOWABLE BEARING PRESSURES:
CONTINUOUS WALL FOOTINGS – = 2,000 psf
ISOLATED COLUMN FOOTINGS – = 2,000 psf

4. BLASTING:
BLASTING IS PROHIBITED ON THIS PROJECT.

3. EARTHWORK, SLABS ON GRADE AND FOUNDATIONS:

★ A. THE OWNER HAS ENGAGED AN INDEPENDENT GEOTECHNICAL ENGINEERING, TESTING AND INSPECTION FIRM (HEREINAFTER REFERED TO AS THE "INSPECTOR" OR "GEOTECHNICAL ENGINEER") TO MONITOR AND (WHEN APPROPRIATE) DIRECT EARTHWORK OPERATIONS AND FOUNDATION CONSTRUCTION ON THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE SELECTED FIRM AND COORDINATE REQUIRED TESTING AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER TO ENSURE THAT ALL EARTHWORK IS CARRIED OUT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND GEOTECHNICAL REPORT, AND THAT ALL TESTING AND INSPECTIONS SPECIFIED IN THE CONTRACT DOCUMENTS ARE COMPLETED AND DOCUMENTED. CONTRACTOR SHALL PROVIDE TWENTY-FOUR (24) HOURS (MINIMUM) NOTICE TO GEOTECHNICAL ENGINEER WHEN EARTHWORK IS TO BE PERFORMED AND / OR WHEN EARTHWORK TESTING AND INSPECTIONS ARE REQUIRED. DUTIES OF GEOTECHNICAL ENGINEER ARE OUTLINED IN SPECIAL INSPECTIONS NOTES ON S0.3.

B AFTER PROOF-ROLLING OPERATIONS (RE: CIVIL DRAWINGS AND SPECIFICATIONS) HAVE BEEN COMPLETED AND ACCEPTED BY THE GEOTECHNICAL ENGINEER, THE SLAB BASE SHALL BE PLACED AND COMPACTED. THE SLAB BASE SHALL CONSIST OF SIX-INCHES (6") OF PROPERLY PLACED & COMPACTED, WELL GRADED CRUSHED STONE (e.g. No. 57 STONE OR APPROVED EQUAL). THE STONE BASE SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR DENSITY AT A MOISTURE CONTENT WITHIN 2% OF OPTIMUM. THE GEOTECHNICAL ENGINEER SHALL DIRECT AND DOCUMENT PROOF-ROLLING OPERATIONS AS WELL AS PLACEMENT AND COMPACTION OF THE STONE SLAB BASE.

C. UNLESS NOTED OTHERWISE, FOUNDATIONS FOR THIS PROJECT SHALL BE CONSTRUCTED AT TOP OF FOOTING ELEVATIONS AS FOLLOWS: 24" (MINIMUM) BELOW ADJACENT INTERIOR FLOOR SLAB ON GRADE OR 18" (MINIMUM) BELOW ADJACENT EXTERIOR FINISH GRADE, WHICHEVER IS LOWER. PROVIDE A FOOTING STEP PER G/S2.0 WHERE FOUNDATIONS AT DIFFERENT DIFFERENT ELEVATIONS TIE INTO ONE ANOTHER.

3. EARTHWORK, SLABS ON GRADE AND FOUNDATIONS: (Continued)

★ D. OLD, UNCONTROLLED FILL, SOFT YIELDING SOILS, WET SOILS, ORGANIC MATTER AND ANY OTHER UNSUITABLE MATERIALS MAY BE ENCOUNTERED DURING FOUNDATION EXCAVATION. (SHALLOW ROCK WAS NOT IDENTIFIED BUT MAY BE ENCOUNTERED). FOUNDATIONS MAY NOT BEAR ON THESE OR ANY OTHER DELETERIOUS MATERIAL. IF ANY UNSUITABLE MATERIAL (AS DETERMINED IN THE FIELD BY THE GEOTECHNICAL ENGINEER) IS ENCOUNTERED AT THE FOUNDATION BEARING ELEVATION, THE EXCAVATION SHALL BE UNDERCUT TO SUITABLE, FIRM BEARING MATERIAL. AFTER SUITABLE BEARING MATERIAL IS ACHIEVED, THE EXCAVATION SHALL BE BROUGHT TO BEARING ELEVATION WITH PROPERLY PLACED & COMPACTED LEAN CLAY SOIL FILL – SEE THE GEOTECHNICAL REPORT & CIVIL DRAWINGS FOR FILL MATERIAL & PLACEMENT REQUIREMENTS – RE: B/S2.1 – THE GEOTECHNCAL ENGINEER SHALL DIRECT AND DOCUMENT ALL UNDERCUTTING & BACKFILLING ACTIVITIES.

★ E. FOUNDATION CONCRETE SHALL BE PLACED THE SAME DAY THAT THE EXCAVATION IS OPENED. THE GEOTECHNICAL REPORT INDICATES THAT THE BEARING STRATA WILL BE DEGRADED BY WETTING, DRYING AND / OR FREEZING IF THE EXCAVATION IS LEFT OPEN FOR AN EXTENDED PERIOD OF TIME. WHEN ANY EXCAVATION IS TO BE LEFT OPEN OVERNIGHT, THE CONTRACTOR SHALL UNDERCUT THE EXCAVATION AND PLACE A 4" Thick "LEAN CONCRETE" MUD MAT OVER ALL EXPOSED BEARING MATERIALS.

F. "XX F.S." DENOTES A FOOTING STEP THAT A FOOTING STEP IS REQUIRED WHERE THE BOTTOM OF FOOTING ELEVATION CHANGES. "XX" DENOTES THE DEPTH OF THE FOOTING STEP – WHERE NO DEPTH IS INDICATED, FOOTING STEP DEPTH SHALL BE FIELD DETERMINED – RE: G/S2.0 – FOOTING STEPS SHALL BE FIELD-LOCATED BY THE CONTRACTOR BASED ON ACTUAL CONDITIONS ENCOUNTERED. FOOTING STEP LOCATIONS AND DETAILS SHALL BE PROVIDED ON THE REINFORCING STEEL SHOP DRAWINGS.

G. ALL ELEVATIONS SHOWN ON THE PLANS ARE REFERENCED TO FINISH FLOOR ELEVATION 100.00' COORDINATE ELEVATIONS WITH CIVIL DRAWINGS.

4. CAST-IN-PLACE REINFORCED CONCRETE:

A. CONCRETE MIX DESIGN, PLACING, FINISHING AND TESTING SHALL CONFORMANCE TO THE REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" BY THE AMERICAN CONCRETE INSTITUTE (ACI), LATEST EDITION.

B. DETAILING, FABRICATION AND PLACEMENT OF REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ACI 315, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT", WITH ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "REINFORCING BAR DETAILING MANUAL OF STANDARD PRACTICE", LATEST EDITION OF EACH.

C. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE ACI "FIELD REFERENCE MANUAL"; ACI PUBLICATION SP-15 (LATEST EDITION) AT THE JOB SITE AT ALL TIMES.

D. THE OWNER HAS ENGAGED AN INDEPENDENT TESTING AND INSPECTION FIRM (HEREINAFTER REFERED TO AS THE "INSPECTOR") TO MONITOR AND INSPECT CONCRETE CONSTRUCTION, AND TEST CONCRETE MATERIALS ON THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE INSPECTOR AND COORDINATE WITH INSPECTOR TO ENSURE THAT ALL TESTING AND INSPECTIONS SPECIFIED IN THE CONTRACT DOCUMENTS ARE COMPLETED AND DOCUMENTED. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF TWENTY-FOUR (24) HOURS NOTICE TO THE INSPECTOR WHEN CONCRETE TESTING OR INSPECTIONS ARE REQUIRED. THE DUTIES OF THE TESTING AND INSPECTION FIRM ARE OUTLINED IN THE SPECIAL INSPECTIONS NOTES ON SHEET S0.3

E. ALL CONCRETE USED ON THIS PROJECT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 4,000 psi AT TWENTY-EIGHT (28) DAYS (UNLESS NOTED OTHERWISE). CONCRETE USED IN CONSTRUCTION CONCRETE FLOOR SLABS ON GRADE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 4,500 psi AT TWENTY-EIGHT (28) DAYS.

F. THE MAXIMUM WATER-CEMENT RATIO (W/C) FOR CONCRETE USED IN CONCRETE FLOOR SLAB CONSTRUCTION SHALL BE 0.45. ALL OTHER CONCRETE SHALL HAVE A MAXIMUM W/C OF 0.50 (UNLESS NOTED OTHERWISE).

G. ALL CONCRETE EXPOSED TO THE ELEMENTS SHALL BE AIR ENTRAINED WITH AN AIR CONTENT OF 6% (+/– 1.5%).

EXCEPTION:
ENTRAINED AIR MAY BE OMITTED FROM THE CONCRETE MIX FOR FLOOR SLABS ONLY WHEN OUTSIDE AIR-TEMPERATURE IS PREDICTED TO REMAIN ABOVE 40° FOR A PERIOD OF AT LEAST FORTY-EIGHT (48) HOURS BEGINNING WITH CONCRETE PLACEMENT.

H. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) SPECIFICATION A615 GRADE 60. (U.N.O.). REINFORCING STEEL THAT IS TO BE WELDED SHALL CONFORM TO ASTM A706, GR 60.

J. UNLESS NOTED OTHERWISE IN THE DETAILS, REINFORCING FOR CONCRETE FLOOR SLABS ON GRADE SHALL BE WELDED WIRE REINFORCEMENT, WWR 6x6–W2.9xW2.9 LOCATED AT 1½" BELOW THE TOP OF SLAB SURFACE (UNLESS NOTED OTHERWISE). WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO THE REQUIREMENTS OF ASTM A185. WELDED WIRE REINFORCEMENT SHALL BE PROPERLY LOCATED & SUPPORTED USING CHAIRS, BOLSTERS OR BAR SUPPORTS. "HOOKING" THE WWR & ATTEMPTING TO PULL THE MESH INTO POSITION AFTER CONCRETE IS PLACED IS NOT ACCEPTABLE. AT EDGES & ENDS OF WWR SHEETS AND / OR ROLLS, THE WELDED WIRE REINFORCEMENT SHALL BE LAPPED ONE (1) WIRE SQUARE SPACE PLUS TWO-INCHES (2") MINIMUM.

K. WELDING OF REINFORCING STEEL IS PERMITTED ONLY WITH THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. WHERE PERMITTED, WELDING SHALL BE PERFORMED IN ACCORDANCE WITH ACI 301, SECTION 5.3. INSPECTION OF WELDING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH TABLE 1705.2.2 OF THE KBC.

L. ALL CONCRETE REINFORCING STEEL SPLICES SHALL BE CLASS "B" TENSION LAP SPLICES (UNLESS NOTED OTHERWISE). SPLICE LENGTH SHALL BE CALCULATED IN ACCORDANCE WITH CHAPTER 5 OF THE CRSI "DESIGN HANDBOOK" (LATEST EDITION). LAP SPLICES FOR REINFORCING STEEL USED IN MASONRY CONSTRUCTION SHALL BE EQUAL TO 48 BAR DIAMETERS (MINIMUM).

M. MINIMUM CONCRETE PROTECTION FOR REINFORCING STEEL (CLEAR COVER):

1. UNFORMED SURFACE CAST AGAINST EARTH........ 3"
2. FORMED SURFACE IN CONTACT WITH EARTH........ 2½"
3. FORMED SURFACE EXPOSED TO WEATHER........ 2½"
4. FORMED SURFACE NOT EXPOSED TO WEATHER OR IN CONCTACT WITH GROUND:
 a. SLABS........ ¾"
 b. WALLS AND JOISTS........ 1½"
 c. BEAMS, GIRDERS AND COLUMNS........ 2½"
5. IN NO CASE SHALL THE CLEAR COVER BE LESS THAN THE BAR DIAMETER.

N. ALL HOOKS SHOWN ON THE DRAWINGS FOR REINFORCING STEEL SHALL BE ACI STANDARD 90° OR ACI STANDARD 180° HOOKS AS INDICATED.
1. BAR LENGTHS SHOWN ARE "OUT-TO-OUT" AND DO NOT INCLUDE HOOK LENGTH.
2. PROVIDE HOOKS FOR ALL TOP BARS IN SLABS AND BEAMS AT DISCONTINUOUS ENDS

O. PROVIDE CORNER BARS TO MATCH ALL LONGITUDINAL REINFORCING STEEL AT CORNERS AND INTERSECTIONS OF ALL CONCRETE WALLS, BEAMS, GRADE BEAMS, THICKENED SLABS, etc. CORNER BAR SIZE AND SPACING SHALL MATCH THE SIZE AND SPACING OF LONGITUDINAL BARS BEING LAPPED. PROVIDE 24" LAP FOR ALL CORNER BARS #7 AND SMALLER. PROVIDE 30" LAP FOR ALL CORNER BARS #8 AND LARGER. SEE DETAIL D/S2.0 FOR ADDITIONAL INFORMATION.

P. WHERE DOWELS ARE REQUIRED OUT OF FOUNDATION WALLS AND FOOTINGS TO MATCH VERTICAL BARS IN MASONRY WALLS, THE REBAR DETAILER FOR THE REINFORCING STEEL SUPPLIER SHALL LOCATE EACH SUCH DOWEL ON REINFORCING STEEL PLACEMENT DRAWINGS. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN THE REJECTION OF THE REINFORCING STEEL SHOP DRAWING SUBMITTAL.

4. CAST-IN-PLACE REINFORCED CONCRETE: (Continued)

Q. "C.J." DENOTES A SLAB CONSTRUCTION JOINT OR SLAB CONTROL JOINT AT THE CONTRACTOR'S OPTION. CONTROL JOINTS SHALL BE SAW-CUT TO A DEPTH EQUAL TO ONE-QUARTER ($\frac{1}{4}$) OF THE SLAB THICKNESS. RE: A/S2.0 REGARDING SLAB CONTROL / CONSTRUCTION JOINTS:

1. THE C.J. LAYOUT SHOWN ON THE PLAN IS FOR CONCEPTUAL PURPOSES ONLY. THE CONTRACTOR SHALL LAY OUT C.J.'s AT A MAXIMUM SPACING OF 15'-0".
 a. CONTRACTOR SHALL SHOW PROPOSED C.J. LAYOUT ON REINFORCING STEEL SHOP DRAWINGS SUBMITAL.
 b. CONSTRUCTION JOINTS SHALL BE LOCATED BY THE CONTRACTOR TO FACILITATE CONCRETE PLACEMENT (UNLESS NOTED OTHERWISE).
2. NO LATER THAN ONE-WEEK AFTER SUBMITTING THE C.J. LAYOUT PLAN TO THE ARCHITECT, THE CONTRACTOR SHALL CONVENE A PRE-CONCRETE CONFERENCE AT THE JOB SITE TO RESOLVE ANY QUESTIONS THAT THE ARCHITECT, ENGINEER AND / OR CONTRACTOR MAY HAVE.
3. CONTROL JOINTS MUST BE SAW-CUT A WITHIN A MAXIMUM OF TWELVE (12) HOURS AFTER CONCRETE PLACEMENT.

R. SPECIAL ATTENTION IS DIRECTED TO SECTION 03300 OF THE SPECIFICATIONS FOR CONCRETE TESTING REQUIREMENTS AND THE DISTRIBUTION OF TEST REPORTS. ADDITIONAL INFORMATION REGARDING CONCRETE TESTING IS CONTAINED IN SPECIAL INSPECTIONS NOTES ON SHEET S0.3.

S. WHERE NEW REINFORCING STEEL IS REQUIRED OUT OF IN-PLACE CONCRETE OR CONCRETE MASONRY (CMU), DEFORMED BARS OF THE SIZE SPECIFIED ON THE DRAWINGS SHALL BE SET INTO THE HARDENED CONCRETE / CMU USING AN ACRYLIC BASED, ALL-TEMPERATURE ADHESIVE ANCHORING SYSTEM SUCH AS "ACRYLIC TIE (AT)" HIGH STRENGTH, ALL-TEMPERATURE ADHESIVE SYSTEM MANUFACTURED BY THE "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OH 43228" OR USING AN EPOXY BASED ADHESIVE ANCHORING SYSTEM SUCH AS "HILTI HIT-RE 500 V3" FOR CONCRETE AND "HILTI HIT-HY70" FOR CMU. THESE PRODUCTS ARE PRODUCED BY "HILTI; P. O. BOX 21148; TULSA, OK 74121" (OR APPROVED EQUAL). THE DEPTH OF EMBEDMENT SHALL BE AS INDICATED ON THE PLANS. WHERE NO DEPTH IS SPECIFIED, EMBEDMENT SHALL BE AS SPECIFIED BY THE ADHESIVE MANUFACTURER TO DEVELOP THE FULL YIELD STRENGTH OF THE BAR. INSTALLATION SHALL BE IN ACCORDANCE WITH NOTE 4.W (BELOW).

T. WHERE NEW ANCHOR BOLTS ARE REQUIRED OUT OF IN-PLACE CONCRETE OR CONCRETE MASONRY (CMU), THREADED RODS OF THE SIZE SPECIFIED ON THE DRAWINGS SHALL BE SET INTO THE HARDENED CONCRETE / CMU USING AN ACRYLIC BASED, ALL-TEMPERATURE ADHESIVE ANCHORING SYSTEM SUCH AS "ACRYLIC TIE (AT)" HIGH STRENGTH, ALL-TEMPERATURE ADHESIVE SYSTEM MANUFACTURED BY THE "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OH 43228" OR USING AN EPOXY BASED ADHESIVE ANCHORING SYSTEM SUCH AS "HILTI HIT-HY 200" FOR CONCRETE AND "HILTI HIT-HY70" FOR CMU. "HILTI HIT-Z" OR "HIT-Z-R" ANCHOR RODS SHALL BE USED WITH HILTI EPOXIES THESE PRODUCTS ARE PRODUCED BY "HILTI; P. O. BOX 21148; TULSA, OK 74121" (OR APPROVED EQUAL). THE DEPTH OF EMBEDMENT SHALL BE AS INDICATED ON THE PLANS. WHERE NO DEPTH IS SPECIFIED, EMBEDMENT SHALL BE AS SPECIFIED BY THE ADHESIVE MANUFACTURER TO DEVELOP THE FULL YIELD STRENGTH OF THE BAR. INSTALLATION SHALL BE IN ACCORDANCE WITH NOTE 4.W (BELOW).

U. WHERE "KWIK BOLTS" (BASIS OF DESIGN) ARE INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL INSTALL EXPANSION ANCHORS OF THE SIZE AND QUANTITY SPECIFIED. USE "KWIK BOLT TZ" EXPANSION ANCHORS FOR CONCRETE APPLICATIONS AND "KWIK BOLT 3" EXPANSION ANCHORS FOR CONCRETE MASONRY (CMU) APPLICATIONS. "KWIK BOLTS" SHALL BE MANUFACTURED BY "HILTI, CORP; P.O. BOX 21148; TULSA, OKLAHOMA 74146" OR USE "STRONG-BOLTS" (FOR CONCRETE & CMU) PRODUCED BY "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OH 43228" (OR APPROVED EQUAL). EXPANSION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH NOTE 4.W (BELOW). WHERE NO EMBEDMENT DEPTH FOR ANCHORS IS SPECIFIED ON THE DRAWINGS, EXPANSION ANCHORS SHALL BE INSTALLED INTO CONCRETE OR MASONRY (CMU) AS SPECIFIED IN THE FOLLOWING SCHEDULE:

1.	½" ø ANCHOR	3½"	(CONCRETE)	4¼"	(CMU)
2.	⅝" ø ANCHOR	4"	(CONCRETE)	5"	(CMU)
3.	¾" ø ANCHOR	4¾"	(CONCRETE)	6"	(CMU)
4.	1" ø ANCHOR	6"	(CONCRETE)	7½"	(CMU)

AT CONTRACTOR's OPTION, EXPANSION ANCHORS MAY BE REPLACED WITH ADHESIVE ANCHORS SIMILAR TO THOSE DEFINED IN NOTE No. T (ABOVE). DEPTH OF EMBEDMENT SHALL BE AS SPECIFIED HEREIN.

V. WHERE CONCRETE SCREWS ARE INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL INSTALL CONCRETE SCREWS OF THE SIZE AND QUANTITY SPECIFIED. USE "KWIK HUS-EZ (KH-EZ)" CONCRETE SCREWS MANUFACTURED BY "HILTI, CORP; P.O. BOX 21148; TULSA, OKLAHOMA 74146" OR USE "TITEN HD" HEAVY-DUTY SCREW ANCHORS PRODUCED BY "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OH 43228" (OR APPROVED EQUAL). CONCRETE SCREWS SHALL BE INSTALLED IN ACCORDANCE WITH NOTE 4.W (BELOW). WHERE NO EMBEDMENT DEPTH IS SPECIFIED FOR ANCHORS ON THE DRAWINGS, SCREW ANCHORS SHALL BE INSTALLED INTO CONCRETE OR MASONRY (CMU) AS SPECIFIED IN THE FOLLOWING SCHEDULE:

1.	½" ø ANCHOR	4¼"	(CONCRETE)	4¼"	(CMU)
2.	⅝" ø ANCHOR	5"	(CONCRETE)	5"	(CMU)
3.	¾" ø ANCHOR	6¼"	(CONCRETE)	6¼"	(CMU)

AT CONTRACTOR's OPTION, CONCRETE SCREWS MAY BE REPLACED WITH KWIK BOLTS OR ADHESIVE ANCHORS SIMILAR TO THOSE DEFINED IN NOTE No. T (ABOVE). DEPTH OF EMBEDMENT SHALL BE AS SPECIFIED HEREIN.

★★ W. THE CONTRACTOR SHALL OBTAIN AN ICC EVALUATION SERVICE REPORT FOR EACH TYPE OF ACRYLIC / EPOXY ADHESIVE OR POST-INSTALLED ANCHOR USED ON THIS PROJECT. POST-INSTALLED ANCHOR BOLTS AND REINFORCING STEEL SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR / ADHESIVE MANUFACTURER's SPECIFICATIONS. INSTALLERS SHALL BE TRAINED IN PROPER INSTALLATION PROCEDURES BY A REPRESENTATIVE OF THE MANUFACTURER. THE INSTALLATION SHALL BE VERIFIED AND DOCUMENTED IN ACCORDANCE WITH THE APPROPRIATE ICC ES REPORT BY THE SPECIAL INSPECTOR IN ACCORDANCE WITH NOTES ON SHEET S0.3.

X. CONCRETE FINISHES:
1. FORMED SURFACES:
 a. PAINTED OR EXPOSED TO VIEW – RUBBED FINISH (U.N.O.)
 b. COVERED – AS CAST
2. FLAT WORK SURFACES:
 a. INTERIOR, EXPOSED TO VIEW – TROWELED
 b. INTERIOR, CARPETED OR TILED – TROWELED
 c. EXTERIOR, SIDEWALKS OR DRIVEWAYS – BROOMED
 d. EXTERIOR, STAIRS OR RAMPS – BROOMED

Y. PIPE OR CONDUIT EMBEDDED IN CONCRETE WALLS AND SLABS:
1. MAXIMUM DIAMETER = $\frac{1}{3}$ TIMES (SLAB OR WALL) THICKNESS
2. MINIMUM SPACING = 3 TIMES (CONDUIT OR PIPE) DIAMETER ON CENTER

Z. CONCRETE FOUNDATIONS HAVE NOT BEEN DESIGNED TO RESIST LATERAL EARTH PRESSURE. FILL ON BOTH SIDES OF FOUNDATION WALL SHALL BE PLACED AND COMPACTED IN EQUAL LIFTS AT THE SAME TIME TO ENSURE THE STABILITY OF THE WALL.

AA. WHERE INDICATED ON THE PLANS, PROVIDE CONTINUOUS PVC WATERSTOPS IN CONCRETE CONSTRUCTION JOINTS. THE CONTRACTOR SHALL HAVE RESPONSIBILITY FOR ENSURING THAT WATERSTOPS ARE CONTINUOUS AND MEET THE INTENT OF CREATING WATER-TIGHT CONSTRUCTION JOINTS. ALL PVC WATERSTOP SPLICES, CORNERS AND INTERSECTIONS SHALL BE TREATED IN ACCORDANCE WITH WATERSTOP MANUFACTURER's SPECIFICATION. ALL WATERSTOPS SHALL BE 6" FLAT, DUMBBELL PVC WITH CENTER BULB. SUBJECT TO APPROVAL, WATERSTOPS ON THIS PROJECT SHALL BE PROFILE No. 705 AS MANUFACTURED BY "GREENSTREAK PLASTIC PRODUCTS COMPANY, INC.; 3400 TREE COURT INDUSTRIAL BLVD.; ST. LOUIS, MISSOURI 63122" OR APPROVED EQUAL.

BB. WHERE INDICATED ON THE PLANS, AND AT CONTRACTOR'S OPTION TO REPLACE PVC WATERSTOPS, PROVIDE CONTINUOUS BENTONITE / BUTYL-RUBBER WATERSTOPS IN CONCRETE CONSTRUCTION JOINTS. THE CONTRACTOR SHALL HAVE RESPONSIBILITY FOR ENSURING THAT WATERSTOPS ARE CONTINUOUS AND MEET THE INTENT OF CREATING WATER-TIGHT CONSTRUCTION JOINTS. ALL BENTONITE / BUTYL-RUBBER WATERSTOP SPLICES, CORNERS & INTERSECTIONS SHALL BE TREATED IN ACCORDANCE WITH WATERSTOP MANUFACTURER's SPECIFICATION. SUBJECT TO APPROVAL, BENTONITE / BUTYL-RUBBER WATERSTOPS ON THIS PROJECT SHALL BE "WATERSTOP-RX" MANUFACTURED BY "MINERAL TECHNOLOGIES, INC.; CETCO; 2870 FORBS AVENUE; HOFFMAN ESTATES, IL 60192" OR APPROVED EQUAL.

CC. ALL KEYWAYS INDICATED ON THE DRAWINGS ARE NOMINAL 2x4 AND SHALL BE CONTINUOUS. SEE DETAIL E/S2.0 FOR ADDITIONAL INFORMATION.

CAST-IN-PLACE CONCRETE NOTES ARE CONTINUED ON S0.2

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY
WILLIAM E. GRIGSBY, JR.
16114
LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

STRUCTURAL NOTES

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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REVISIONS

No.	Description	Date

SHEET
S0.1

4. CAST-IN-PLACE REINFORCED CONCRETE: (CONTINUED)

DD. RUSTICATION STRIPS, CHAMFERS, DRIPS, MISCELLANEOUS EMBEDMENTS, ETC. SHALL BE PROVIDED IN ACCORDANCE WITH THE PLANS. REFERENCE THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. UNLESS INDICATED OTHERWISE ALL EXPOSED CONCRETE EDGES SHALL HAVE A ¾" CHAMFER.

EE. HOLES AND OPENINGS IN CONCRETE WALLS AND SLAB (GREATER THAN 10"ø FOR ROUND HOLES AND GREATER THAN 1'-0" ON ANY SIDE FOR SQUARE AND RECTANGULAR HOLES) FOR MECHANICAL, ELECTRICAL AND PLUMBING TRADES THAT ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. SUCH HOLES AND OPENINGS ARE TO FORMED AND NOT CUT. STRENGTHENING OR ADDITIONAL REINFORCING REQUIRED BY THE STRUCTURAL ENGINEER SHALL BE FURNISHED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER – RE: B/S2.0

★ FF. IF IT IS DISCOVERED THAT WATER HAS BEEN ADDED TO THE CONCRETE TRUCK WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER, THAT CONCRETE, ALONG WITH REINFORCING STEEL, SHALL BE REMOVED & THAT STRUCTURAL ELEMENT SHALL BE PROPERLY RE-CONSTRUCTED.

5. CONCRETE MASONRY (CMU) CONSTRUCTION:

A. ALL MASONRY CONSTRUCTION SHALL MEET THE REQUIREMENTS OF ACI 530; ASCE 5; TMS 402; ACI 530.1; ASCE 6; AND TMS 602 (LATEST EDITION OF EACH).

B. THE OWNER HAS ENGAGED AN INDEPENDENT TESTING AND INSPECTION FIRM (HEREINAFTER REFERED TO AS THE "INSPECTOR") TO MONITOR AND INSPECT MASONRY CONSTRUCTION AND TEST MASONRY MATERIALS ON THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE INSPECTOR AND COORDINATE BETWEEN THE MASON AND THE INSPECTOR TO ENSURE THAT ALL TESTING AND INSPECTIONS SPECIFIED IN THE CONTRACT DOCUMENTS AND AS REQUIRED BY SECTION 1705.4 OF THE KENTUCKY BUILDING CODE AND TMS 402, TMS 602, ACI 530, ACI 530.1, ASCE 5 & ASCE 6 (LEVEL B INSPECTIONS) ARE COMPLETED AND DOCUMENTED. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF TWENTY-FOUR (24) HOURS NOTICE TO THE INSPECTOR WHEN MASONRY INSPECTIONS ARE REQUIRED. DUTIES OF THE TESTING AND INSPECTION FIRM ARE OUTLINED IN THE SPECIAL INSPECTIONS NOTES ON SHEET S0.3.

C. ALL CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 psi BASED ON THE NET AREA AND SHALL CONFORM TO ASTM C90. THE CMU SUPPLIER SHALL SUBMIT CERTIFIED TEST REPORTS TO DOCUMENT THAT THE SPECIFIED VALUE HAS BEEN MET. ALL MORTAR FOR CMU CONSTRUCTION SHALL BE TYPE "S" AND SHALL CONFORM TO ASTM C270.

D. GROUT USED FOR CMU CONSTRUCTION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'_g) OF 2,500 psi AND SHALL CONFORM TO ASTM C476. THE USE OF MORTAR FOR GROUTING BOND BEAMS AND CMU CELLS IS NOT ACCEPTABLE. ANY MASONRY CONSTRUCTION FOUND TO HAVE MORTAR INSTEAD OF GROUT IN CMU CELLS, BOND BEAMS AND / OR LINTELS WILL BE DEMOSLISHED, REMOVED AND RE-BUILT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AT THE CONTRACTOR'S EXPENSE.

★ E. A HORIZONTAL CONSTRUCTION JOINT SHALL BE FORMED BETWEEN GROUT POURS FOR CMU CELLS BY STOPPING THE CMU WALL AT A CONTSTANT ELEVATION THROUGHOUT AND THEN HOLDING THE GROUT A MINIMUM OF 1½" AND A MAXIMUM OF 4½" BELOW THE MORTAR JOINT (EXCEPT AT TOP OF WALL). FOR CMU CELL GROUT POURS OVER FIVE-FEET (5') IN HEIGHT, A CLEANOUT SHALL BE PROVIDED IN THE BOTTOM CMU COURSE AT EVERY CELL TO BE GROUTED.

★★ F. THE MASON SHALL MECHANICALLY CONSOLIDATE AND RE-CONSOLIDATE THE GROUT IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND STANDARDS.

G. PROVIDE ADDITIONAL VERTICAL REINFORCEMENT FOR CMU WALLS IN GROUTED SOLID CMU CELLS AT THE END OF ALL WALLS AS WELL AS AT INTERSECTIONS, CORNERS AND AT EACH SIDE OF ALL WALL OPENINGS– RE: A/S4.0 & E/S4.0 – PROVIDE ADDITIONAL BARS IN GROUTED SOLID CMU CELLS AT BOTH SIDES OF ALL MASONRY CONTROL JOINTS AND EXPANSION JOINT – RE: D/S4.0

H. NOT USED.

★ J. ALL VERTICAL REINFORCING BARS IN MASONRY WALLS SHALL BE PROPERLY LOCATED WITHIN THE CMU CELLS USING PREFABRICATED, (GALVANIZED STEEL or PLASTIC) REBAR POSITIONERS SUCH AS THOSE MANUFACTURED BY "DUR-O-WALL" (OR APPROVED EQUAL). REBAR POSITIONERS SHALL BE LOCATED AT 48" CENTERS ON EACH VERTICAL BAR.

K. ALL VERTICAL REINFORCING BARS FOR CMU WALLS SHALL BE FULLY DEVELOPED WITH MATCHING DOWELS OUT OF THE FOUNDATION AND SHALL BE CONTINUOUS TO THE TOP OF THE WALL.

★ L. THE DETAILER FOR THE REINFORCING STEEL FABRICATOR SHALL INDICATE ALL DOWELS OUT OF FOUNDATION REQUIRED FOR MATCHING MASONRY WALL VERTICAL REINFORCING ON THE FABRICATOR'S REBAR PLACEMENT DRAWINGS FOR THE CONCRETE FOUNDATION WALLS.

M. PROVIDE REINFORCED MASONRY HEADER BEAM PER DETAILS ACROSS THE TOP OF ALL CMU WALL OPENINGS. PROVIDE 8" Dp. CMU BOND BEAM ACROSS THE BOTTOM OF ALL CMU WALL OPENINGS (EXCEPT DOOR OPENINGS). RE: A/S4.0 & B/S4.0

N. SEE CAST-IN-PLACE REINFORCED CONCRETE NOTES ON SHEET S0.1 AND SPECIFICATION SECTION 033000 FOR ADDITIONAL INFORMATION REGARDING REINFORCING STEEL SPECIFICATIONS.

O. GROUTED SOLID CMU BOND BEAMS SHOWN ON THE PLANS SHALL BE CONSTRUCTED USING "KNOCK-OUT-WEB" BOND BEAM UNITS EXCEPT AT THE HEAD OF WALL OPENINGS WHERE BOND BEAM LINTEL BLOCKS SHALL BE USED AS INDICATED.

P. PROVIDE HORIZONTAL JOINT REINFORCEMENT FOR ALL CMU WALLS (INCLUDING WALLS NOT SHOWN ON STRUCTURAL DRAWINGS) CONSISTING OF PREFABRICATED "LADDER TYPE" REINFORCEMENT SUCH AS "DUR-O-WALL SEISMIC LADUR" OR APPROVED EQUAL AT 16" CENTERS (EVERY OTHER MORTAR JOINT) UNLESS NOTED OTHERWISE. PROVIDE PREFABRICATED "L's" and "T's" AT ALL WALL CORNERS AND INTERSECTIONS. SEE DETAIL E/S4.0 FOR ADDITIONAL INFORMATION.

Q. PROVIDE CORNER BARS (C.B.) TO MATCH HORIZONTAL BOND BEAM REINFORCING IN ALL CMU BOND BEAMS AT ALL MASONRY WALL CORNERS AND INTERSECTIONS. SEE DETAIL C/S4.0 FOR ADDITIONAL INFORMATION.

R. PROVIDE MASONRY CONTROL JOINTS IN ALL CMU WALLS WHERE INDICATED ON THE PLANS. IF NO CONTROL JOINTS ARE SHOWN ON THE PLANS, THE MASON SHALL PROVIDE MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 24'-0" OR THREE (3) TIMES THE WALL HEIGHT (WHICHEVER IS LESS) FOR ALL INTERIOR AND EXTERIOR CMU WALLS. A MASONRY CONTROL JOINT SHALL ALSO BE PROVIDED WITHIN A MAXIMUM OF 12'-0" FROM ALL CORNERS FOR ALL INTERIOR AND EXTERIOR CMU WALLS. THE MASON SHALL COORDINATE THE LOCATIONS OF ALL CONTROL JOINTS WITH THE ARCHITECT. SEE DETAILS A/S4.0 & D/S4.0 FOR ADDITIONAL INFORMATION.

★ S. THE CONTRACTOR SHALL CONVENE A MEETING TO DISCUSS MASONRY DETAILS PRIOR TO THE START OF MASONRY CONSTRUCTION. MEETING ATTENDEES SHALL INCLUDE THE CONTRACTOR, THE MASON, THE ARCHITECT, THE INSPECTOR AND THE STRUCTURAL ENGINEER. THE OWNER SHALL BE INVITED TO THIS MEETING, HOWEVER, THE OWNER'S ATTENDANCE OF THIS MEETING IS NOT REQUIRED.

★ T. WHERE SHRINKAGE CRACKS DEVELOP IN THE MASONRY WALLS, THE CONTRACTOR SHALL TREAT THOSE CRACKS WITH A LIQUID CRACK SEALER PRIOR TO APPLICATION OF FINAL FINISH COATING. THE LIQUID CRACK SEALER SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. SUBJECT TO APPROVAL, THE CRACK SEALER SHALL BE "CRACK-PAC INJECTION EPOXY" MANUFACTURERED BY THE "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OH 43228" (BASIS OF DESIGN – RE: NOTE No. 1.K ON SHEET S0.1 FOR ADDITIONAL INFORMATION). THESE REPAIRS SHALL BE MADE AT NO COST TO THE OWNER.

6. STRUCTURAL STEEL:

A. DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), ALLOWABLE STRESS DESIGN (ASD) NINTH EDITION. DESIGN SHALL BE IN ACCORDANCE WITH THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS – ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" (2010 EDITION). DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" (APRIL 14, 2010).

B. THE OWNER HAS ENGAGED AN INDEPENDENT TESTING AND INSPECTION FIRM (HEREINAFTER REFERED TO AS THE "INSPECTOR") TO MONITOR STEEL ERECTION ON THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE SELECTED FIRM AND COORDINATE BETWEEN THE STEEL ERECTOR AND THE INSPECTOR TO INSURE THAT ALL REQUIRED TESTING AND INSPECTIONS SPECIFIED IN THE CONTRACT DOCUMENTS ARE COMPLETED AND DOCUMENTED. CONTRACTOR SHALL PROVIDE A MINIMUM OF TWENTY-FOUR (24) HOURS NOTICE TO THE INSPECTOR WHEN STRUCTURAL STEEL INSPECTIONS ARE REQUIRED. DUTIES OF THE TESTING AND INSPECTION FIRM ARE OUTLINED IN THE SPECIAL INSPECTIONS NOTES ON SHEET S0.3.

6. STRUCTURAL STEEL: (CONTINUED)

C. THE "TYPE OF CONSTRUCTION" FOR THIS PROJECT AS DEFINED BY AISC IS: TYPE 2 – SIMPLE FRAMING.

D. ALL WIDE FLANGE (W) SHAPES SHALL BE FABRICATED FROM MATERIAL CONFORMING TO ASTM A992, GRADE 50 (Fy = 50 ksi) UNLESS NOTED OTHERWISE.

E. CHANNELS, ANGLES, PLATES AND OTHER MISCELLANEOUS STEEL SHALL BE FABRICATED FROM MATERIAL CONFORMING TO ASTM A36, (Fy = 36 ksi). WHERE REQUIRED ON THE PLANS, ALL HIGH STRENGTH STEEL PLATES SHALL CONFORM TO ASTM A572, GRADE 50 (Fy = 50 ksi).

F. ALL STRUCTURAL TUBE STEEL (HOLLOW STEEL SECTIONS, HSS) SHALL BE FABRICATED FROM MATERIAL CONFORMING TO ASTM A500, GRADE C OR ASTM 1085.

G. WHERE REQUIRED ON THE PLANS, ALL HIGH STRENGTH STEEL PLATES SHALL CONFORM TO ASTM A572, GRADE 50 (Fy = 50 ksi).

H. ALL STRUCTURAL BOLTS SHALL CONFORM TO ASTM A325X. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GR 36 (FOR ANCHOR BOLTS LESS THAN 1" IN DIAMETER) OR ASTM F1554, GRADE 50 (FOR ANCHOR BOLTS EQUAL TO OR GREATER THAN 1" IN DIAMETER). THREADED ROD SHALL CONFORM TO ASTM A36 (FOR RODS LESS THAN 1" IN DIAMETER) OR ASTM A572, GRADE 50 (FOR RODS EQUAL TO OR GREATER THAN 1" IN DIAMETER). PROVIDED A SUFFICIENT QUANTITY OF COMPATIBLE NUTS AND FLAT WASHERS FOR ALL CONNECTIONS.

J. WHERE INDICATED ON THE PLANS, PRE-TENSIONED BOLTS SHALL BE PER THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" (CURRENT EDITION). PROVIDE BOLTS OF SIZE & QUANTITY INDICATED CONFORMING TO ASTM F3125, GRADE F1852 TYPE 1, ROUND HEAD, TENSION CONTROLLED (TWIST-OFF TYPE), BOLT ASSEMBLIES (A325 BOLT, F436 FLAT WASHER AND A563 GR. DH HEAVY HEX NUTS)

K. ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTION UNLESS OTHERWISE INDICATED ON THE CONTRACT DOCUMENTS. ALL FIELD CONNECTIONS SHALL BE BOLTED CONNECTIONS UNLESS OTHERWISE INDICATED ON THE CONTRACT DOCUMENTS. BOLTED CONNECTIONS SHALL BE BEARING TYPE MADE USING ASTM A325X BOLTS IN CONFORMANCE WITH THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BEAM FRAMING CONNECTIONS MAY BE "SINGLE-PLATE SHEAR CONNECTIONS DETAILED IN ACCORDANCE WITH TABLE X OF THE AISC MANUAL. "USUAL GAGE" DIMENSIONS SHALL BE USED FOR LOCATING HOLES FOR BOLTS, EXPANSION ANCHORS, ETC. IN ALL ANGLE LEGS, BEAM FLANGES, ETC.

L. ALL WELDING SHALL BE IN CONFORMANCE WITH THE AMERICAN WELDING SOCIETY (AWS) CODES, STANDARDS AND SPECIFIICATIONS. ALL WELDS SHALL BE MADE USING E70XX ELECTRODES UNLESS NOTED OTHERWISE.

M. WHERE HEADED WELDING STUDS OR HEADED ANCHORS ARE SPECIFIED ON THE DRAWINGS, "NELSON STUDS" OF THE SIZE INDICATED SHALL BE AUTOMATICALLY WELDED TO THE BASE MATERIAL IN ACCORDANCE WITH THE STUD MANUFACTURER'S SPECIFICATIONS. STUD LENGTH DENOTED WITH "AW" OR "A.W." ON THE DRAWINGS SHALL BE THE LENGTH OF STUD "AFTER WELDING". HEADED STUDS SHALL BE MADE FROM COLD-DRAWIN STEEL CONFORMING TO ASTM A108. SUBJECT TO APPROVAL, THE HEADED WELDING STUDS USED ON THIS PROJECT SHALL BE THE PRODUCTS OF "TRW, INC.; NELSON STUD WELDING DIVISION; 7900 WEST RIDGE ROAD; P. O. BOX 4019; ELYRIA, OHIO; 44036" (OR APPROVED EQUAL).

N. PROVIDE POSITIVE CAMBER AS NOTED ON THE PLANS. WHERE NO CAMBER IS SPECIFIED, THE RESIDUAL MILL CAMBER SHALL BE UPWARDS.

O. ALL EXPOSED ANGLE AND PLATE LINTELS FOR MASONRY CONSTRUCTION (BRICK VENEER) SHALL BE HOT-DIPPED GALVANIZED.

★★ P. THE CONTRACTOR SHALL FURNISH, DETAIL, FABRICATE AND ERECT ALL MISCELLANEOUS STEEL (PLATES, ANGLES, CHANNELS, ETC.) INDICATED ON THE ARCHITECTURAL DRAWINGS BUT NOT SPECIFICALLY DETAILED ON THESE STRUCTURAL DRAWINGS. DETAILS ARE TO BE WORKED OUT ON THE STRUCTURAL STEEL SHOP DRAWING SUBMITTAL.

★★ R. THE STRUCTURAL STEEL "FAB SHOP" THAT PROVIDES THE STEEL ON THIS PROJECT MUST BE AISC OR AWS CERTIFIED. SEE SPECIFICATION SECTION 05120 FOR MORE INFORMATION.

7. OPEN-WEB STEEL BAR JOISTS:

A. DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL STEEL BAR JOISTS ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE (SJI), LATEST EDITION.

B. SUBJECT TO APPROVAL, THE BAR JOISTS ON THIS PROJECT SHALL BE THE PRODUCTS OF "VULCRAFT, A DIVISION OF NUCOR CORP.; P. O. BOX 169; FORT PAYNE, ALABAMA 35967" (OR APPROVED EQUAL).

★ C. WHERE OSHA AND / OR THE STEEL JOIST INSTITUE SPECIFICATIONS REQUIRE ERECTION BOLTS FOR BAR JOISTS AND JOIST GIRDERS, THE BAR JOIST DETAILER SHALL INDICATE ERECTION BOLTS ON THE SHOP / ERECTION DRAWINGS. THE BAR JOIST DETAILER SHALL COORDINATE ERECTION BOLT LOCATIONS WITH THE STRUCTURAL STEEL DETAILER SO THAT BOLT HOLES ARE PROVIDED IN THE SUPPORTING STEEL STRUCTURE WHERE NECESSARY.

D. ALL BAR JOISTS SHALL BE WELDED TO THE SUPPORTING STRUCTURE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. WELDING SHALL BE IN ADDITION TO ANY ERECTION BOLTS REQUIRED BY OSHA AND / OR INDICATED ON THE SHOP DRAWINGS. SEE DETAIL G/S3.0 FOR ADDITIONAL INFORMATION.

E. ALL JOIST SHALL RECEIVE ONE SHOP COAT OF PRIMER EQUIVALENT TO SSPC 15-68T.

★ F. WHERE CONCENTRATED LOADS ARE TO BE SUPPORTED DIRECTLY FROM THE CHORDS OF BAR JOISTS, THE ATTACHMENT SHALL BE MADE IN SUCH A MANNER AND AT SUCH A LOCATION THAT LOCAL BENDING IS NOT INDUCED INTO JOIST CHORDS. WHEN THIS IS NOT POSSIBLE, THE JOISTS SHALL BE REINFORCED IN ACCORDANCE WITH SJI DETAILS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL LOCATE CONCENTRATED LOADS ON THE JOIST SHOP DRAWINGS AND THE JOIST FABRICATOR SHALL REINFORCE THE JOISTS IN THE SHOP. SEE DETAIL A/S3.0 FOR ADDITIONAL INFORMATION.

★ H. THE CONTRACTOR SHALL FURNISH AND INSTALL BRIDGING FOR ALL STEEL BAR JOISTS. JOIST BRIDGING SIZE, CONFIGURATION, SPACIING AND INSTALLATION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS OF THE STEEL JOIST INSTITUTE. ENDS OF JOISTS BRIDGING LINES THAT TERMINATE AT WALLS OR BEAMS SHALL BE EXTENDED AND ANCHORED THERETO BY AN APPROVED METHOD. THE STEEL JOIST DETAILER SHALL COORDINATE ATTACHMENT DETAILS WITH THE STRUCTURAL STEEL DETAILER. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ANGLES, PLATES, CONCRETE EXPANSION ANCHORS, ETC. REQUIRED TO ATTACH JOIST BRIDGING TO WALLS AND / OR STRUCTURAL STEEL FRAMING AS SPECIFIED HEREIN AND DETAILED BY THE BAR JOIST FABRICATOR'S DETAILER. SEE DETAIL D/S3.0 FOR ADDITIONAL INFORMATION.

J. THE CONTRACTOR SHALL NOT ALLOW DUCTWORK, CONDUIT OR CEILINGS TO BE HUNG FROM JOIST BRIDGING.

K. ALL ROOF JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 psf. THE JOIST FABRICATOR SHALL SUBMIT UPLIFT DESIGN CALCULATIONS WITH THE JOIST SHOP DRAWINGS.

L. ALL BAR JOISTS USED ON THIS PROJECT SHALL BE PRODUCED BY A FAB SHOP THAT IS CERTIFIED BY THE STEEL JOIST INSTITUTE. SEE SPECIAL INSPECTIONS NOTES ON SHEET S0.3 FOR ADDITIONAL INFORMATION.

8. METAL ROOF DECK:

A. DESIGN, DETAILING, FABRICATOIN AND INSTALLATION OF ALL METAL ROOF DECK ON THIS PROJECT SHALL CONFORM TO THE SPECIFICATIONS OF THE STEEL DECK INSTITUTE (SDI). PARTICULAR ATTENTION IS DIRECTED TO THE SDI DIAPHRAGM DESIGN MANUAL (DDMD2), THE SDI MANUAL OF CONSTRUCTION WITH STEEL DECK (MOC1), THE SDI STANDARD PRACTICE DETAILS AND THE SDI DECK DAMAGE AND PENETRATION, LATEST EDITION OF EACH.

B. METAL ROOF DECK ON THIS PROJECT SHALL BE 1.5B18 "WIDE RIB" METAL DECK (U.N.O.). ATTACH THE 1.5B18 METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE USING "HILTI X-HSN 24" or "HILTI X-ENP-19" POWDER ACTUATED FASTENERS IN A 36/5 FASTENER LAYOUT. SIDELAP FASTENERS SHALL BE "HILTI S-SLC 02 M HWH" AT 6" CENTERS (U.N.O. ON THE PLANS) – RE: E/S3.0

C. AT THE CONTRACTOR'S OPTION, METAL ROOF DECK MAY BE ATTACHED TO SUPPORTING STEEL STRUCTURE USING No. 12 SELF-DRILLING, SELF-TAPPING SCREWS IN A 36/5 FASTENER LAYOUT. SIDELAP FASTENERS SHALL BE No. 10 SELF-DRILLING, SELF-TAPPING SCREWS AT 12" CENTERS. RE: E/S3.0

8. METAL ROOF DECK: (CONTINUED)

★ D. THE ANCHORAGE OF THE METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE SHALL BE CAPABLE OF RESISTING A 45 psf NET UPLIFT (60 psf NET UPLIFT AT EAVES, OVERHANGS AND CANOPIES). IF THE FASTENER PATTERN SPECIFIED HEREIN IS NOT ADEQUATE TO RESIST THESE UPLIFT VALUES, THE METAL DECK SUPPLIER SHALL INDICATE A FASTENER PATTERN ON THE SHOP DRAWINGS THAT WILL MEET THIS REQUIREMENT. METAL ROOF DECK SUPPLIER SHALL SUBMIT UPLIFT CALCULATIONS ALONG WITH DECK SHOP DRAWINGS.

★ E. WELDING METAL DECK TO THE SUPPORTING STEEL STRUCTURE AND / OR WELDING SIDELAP ATTACHMENTS IS PROHIBITED ON THIS PROJECT.

★ F. ALL METAL DECK ON THIS PROJECT SHALL BE COLD-FORMED FROM SHEET STEEL CONFORMING TO ASTM A653 (MINIMUM TENSILE YIELD STRENGTH, Fy = 33 ksi).

G. ALL METAL DECK SHALL BE GALVANIZED PER ASTM A924 WITH A MINIMUM COATING CLASS OF G90 (Z275).

H. SUBJECT TO APPROVAL, THE METAL ROOF DECK ON THIS PROJECT SHALL BE THE PRODUCTS OF "VULCRAFT, A DIVISION OF NUCOR CORP.; P. O. BOX 1000; ST. JOE, INDIANA 46785" (BASIS OF DESIGN RE: NOTE No. 1.K ON SHEET S0.1 FOR ADDITIONAL INFORMATION)

J. SUBJECT TO APPROVAL, THE POWDER ACTUATED FASTENING SYSTEM SPECIFIED ABOVE SHALL BE THE "HILTI STEEL DECK FASTENING SYSTEM" MANUFACTURERED BY "HILTI; P. O. BOX 21148; TULSA, OKLAHOMA 4121" (BASIS OF DESIGN – RE: NOTE No. 1.K ON SHEET S0.1 FOR ADDITIONAL INFORMATION)

K. SUBJECT TO APPROVAL, SELF-DRILLING, SELF-TAPPING FASTENERS USED TO ATTACH METAL DECK TO SUPPORTING STEEL STRUCTURE ON THIS PROJECT SHALL BE "HILTI KWIK-FLEX" SELF-DRILLING SCREWS OF THE SIZE SPECIFIED, MANUFACTURERED BY "HILTI; P. O. BOX 21148; TULSA, OKLAHOMA 74121" (BASIS OF DESIGN – RE: NOTE No. 1.K ON SHEET S0.1 FOR ADDITIONAL INFORMATION)

★ L. WHERE POSSIBLE, THE METAL DECK SHALL BE CONTINUOUS OVER THREE (3) OR MORE SUPPORTS.

M. THE CONTRACTOR SHALL FURNISH AND INSTALL THE METAL ROOF DECK MANUFACTURER'S STANDARD METAL ROOF DECK ACCESSORIES (e.g. VALLEY PLATES, RIDGE PLATES, FILLER PLATES, FLAT PLATES, CLOSURE STRIPS, ETC.) WHERE APPLICABLE.

N. CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL REQUIRED ROOF AND FLOOR OPENINGS WITH MECHANICAL, PLUMBING, ELECTRICAL, AND OTHER TRADE SUB-CONTRACTORS. PROVIDE AN ANGLE FRAME FOR ALL OPENINGS GREATER THAN 1'-0" x 1'-0". INDICATE OPENING LOCATIONS AND SIZES SIZES ON THE SHOP DRAWINGS – RE: C/S3.0

9. PRE-ENGINEERED METAL BUILDING:

A. THE DESIGN, DETAILING, FABRICATION AND ERECTION OF THIS PRE-ENGINEERED METAL BUILDING SHALL CONFORM TO THE RECOMMENDATIONS & REQUIREMENTS OF THE MBMA (METAL BUILDING MANUFACTURER'S ASSOCIATION) "DESIGN PRACTICES MANUAL" AND THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION & ERECTION OF STRUCTURAL STEEL BUILDINGS AND BRIDGES", THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMEBERS", THE AISI "DESIGN OF LIGHT GAUGE STEEL DIAPHRAGMS", THE AMERICAN WELDING SOCIETY (AWS) "STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION", AND THE 2007 KENTUCKY BUILDING CODE (KBC 2007).

B. DESIGN, DETAIL, FABRICATE AND ERECT ALL COMPONENTS OF THE PRE-ENGINEERED METAL BUILDING TO RESIST ALL LIVE LOADS, DEAD LOADS, WIND LOADS, SEISMIC LOADS, ETC. IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

C. SUBMIT DRAWINGS (SHOP AND ERECTION) AND CALCULATIONS TO THE ARCHITECT FOR REVIEW PRIOR TO THE START OF FABRICATION FOR THE PRE-ENGINEERED METAL BUILDING (MB). THE DRAWINGS SHALL BE CHECKED AND APPROVED BY THE CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT FOR REVIEW. THE DRAWINGS AND CALCULATIONS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER, LICENSED IN THE COMMONWEALTH OF KENTUCKY AND EXPERIENCED IN STRUCTURAL ENGINEERING.

D. FOUNDATIONS HAVE NOT BEEN DESIGNED TO RESIST MOMENTS. ALL METAL BUILDING COLUMNS SHALL BE DESIGNED ASSUMING A "PINNED" BASE.

E. LATERAL FORCE RESISTING SYSTEM SHALL CONSIST OF THE PEMB MAIN FRAMES, X-BRACING AT EXTERIOR WALLS AND, AT THE PEMB ENGINEER'S OPTION, PORTAL FRAMES (RE: C/S2.1). COORDINATE THE LOCATIONS OF X-BRACING WITH ARCHITECTURAL TO AVOID INTERFERENCES w/ WINDOWS AND DOORS – THE PORTAL FRAME COLUMNS SHALL BE DESIGNED ASSUMING A "PINNED" BASE.

★ F. THE FOUNDATIONS FOR THIS PRE-ENGINEERED METAL BUILDING (MB) HAVE BEEN DESIGNED BASED ON PRELIMINARY COLUMN REACTIONS LISTED IN THE CHART ON SHEET S2.2. COLUMN REACTIONS IN THAT CHART MUST BE VERIFIED AGAINST CERTIFIED COLUMN REACTIONS FROM THE METAL BUILDING MANUFACTURER PRIOR TO THE START OF CONSTRUCTION. SUBMIT CERTIFIED COLUMN REACTIONS AND COLUMN BASE PLATE DETAILS TO THE ARCHITECT FOR VERIFICATION OF THE FOUNDATION DESIGN PRIOR TO START OF FOUNDATION CONSTRUCTION. A MINIMUM OF TEN (10) WORKING DAYS WILL BE REQUIRED AFTER RECEIPT OF CERTIFIED DESIGN DATA TO COMPLETE THE FOUNDATION VERIFICATION AND MAKE NECESSARY DRAWING CHANGES.

10. LIGHT GAUGE METAL FRAMING:

A. ALL LIGHT-GAUGE STRUCTURAL METAL FRAMING (METAL STUDS, HEADERS AND ACCESSORIES) SHALL BE OF THE TYPE, SIZE, GAUGE AND SPACING SHOWN ON THE DRAWINGS. THE LIGHT-GAUGE METAL FRAMING COMPONENTS SHALL BE THE PRODUCTS OF "STEEL STRUCTURAL SYSTEMS (TRI-S); 150 ROCHESTER DRIVE; LOUISVILLE, KENTUCKY 40214" (OR APPROVED EQUAL).

★ B. ALL LIGHT-GAUGE METAL FRAMING SHALL BE DESIGNED, DETAILED, FABRICATED AND INSTALLED IN ACCORDANCE WITH THE "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STRUCTURAL MEMBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI), LATEST EDITION.

C. ALL LIGHT-GAUGE METAL FRAMING SHALL BE COLD-FORMED FROM CORROSION-RESISTANT STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM1003. STRUCTURAL STUDS AND JOISTS SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 ksi (U.N.O.). TRACK RUNNERS & OTHER ACCESSORIES SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 ksi (U.N.O.).

D. ALL LIGHT-GAUGE METAL FRAMING SHALL BE ZINC COATED (GALVANIZED) IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A1003 – G60.

E. THE LIGHT-GAUGE METAL FRAMING DETAILS SHOWN ON THE CONTRACT DOCUMENTS ARE FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL DETAILS OF CONSTRUCTION FOR THE LIGHT-GAUGE METAL FRAMING SYSTEM SHALL BE THE RESPONSIBILITY OF THE LIGHT-GAUGE METAL COMPONENT SUPPLIER. THE LIGHT-GAUGE METAL COMPONENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL LIGHT-GAUGE METAL FRAMING (INCLUDING METAL STUDS, METAL JOISTS, AS WELL AS ALL OTHER MISCELLANEOUS ITEMS AND ACCESSORIES, ETC. NECESSARY TO COMPLETE THE LIGHT-GAUGE METAL FRAMING SYSTEM INDICATED ON THE CONTRACT DOCUMENTS) TO THE ARCHITECT FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED, STAMPED AND SIGNED BY A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE COMMONWEALTH OF KENTUCKY AND EXPERIENCED IN STRUCTURAL ENGINEERING.

F. SEE SHEET S8.1 FOR CONCEPTUAL LIGHT-GAUGE METAL FRAMING DETAILS.

SEE SHEET S5.5 FOR STRUCTURAL NOTES PERTAINING TO WOOD FRAMING, METAL PLATE CONNECTED WOOD TRUSSES - SEE SHEET S5.2 FOR STRUCTURAL NOTES PERTAINING TO LIGHT-GAUGE METAL TRUSSES

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER WILLIAM GORDON JR. 19114 REGISTERED

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

STRUCTURAL NOTES

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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REVISIONS

No.	Description	Date

SHEET

S0.2

SPECIAL INSPECTIONS

GENERAL

THIS STRUCTURAL QUALITY ASSURANCE PLAN IDENTIFIES THE RESPONSIBILITIES OF THE CONTRACTOR AND THE SPECIAL INSPECTOR IN PERFORMING THE TESTING AND INSPECTION OF WORK REQUIRED BY CHAPTER 17 OF THE BUILDING CODE THAT IS WITHIN THE SCOPE OF THE STRUCTURAL ENGINEERING SERVICES FOR THIS PROJECT. REFER TO OTHER PORTIONS OF THE CONSTRUCTION DOCUMENTS FOR TESTING AND INSPECTIONS REQUIRED OF ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR OTHER BUILDING COMPONENTS.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OFFICIAL AND THE ARCHITECT A WRITTEN STATEMENT OF RESPONSIBILITY THAT CONTAINS THE FOLLOWING:

1. ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED WITHIN THIS STRUCTURAL QUALITY ASSURANCE PLAN.
2. ACKNOWLEDGMENT THAT CONTROL SHALL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR's ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS.
4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

THE STRUCTURAL TESTING/INSPECTION AGENCY THAT IS TO ACT AS THE SPECIAL INSPECTOR SHALL BE HIRED BY THE OWNER AND SHALL BE APPROVED BY THE BUILDING OFFICIAL. THE STRUCTURAL TESTING/INSPECTION AGENCY SHALL SUBMIT THE NAME AND QUALIFICATIONS OF ITS PERSONNEL THAT WILL ACT AS THE SPECIAL INSPECTOR. IF MULTIPLE STRUCTURAL TESTING/INSPECTION AGENCIES ARE USED, SUBMIT THE INFORMATION STATED ABOVE FOR EACH FIRM ALONG WITH A STATEMENT OF THE SPECIAL INSPECTION RESPONSIBILITIES FOR EACH FIRM.

THE CONTRACTOR SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR WORK OR MATERIALS NOT COMPLYING WITH THE CONSTRUCTION DOCUMENTS DUE TO NEGLIGENCE OR NONCONFOMANCE AND SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR HIS CONVENIENCE.

CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE SPECIAL INSPECTOR IS PRESENT FOR ALL WORK REQUIRING SPECIAL INSPECTION. ANY WORK THAT REQUIRES SPECIAL INSPECTION AND IS PERFORMED WITHOUT THE SPECIAL INSPECTOR BEING PRESENT IS SUBJECT TO BEING DEMOLISHED, RE-CONSTRUCTED, AND RE-INSPECTED AT THE CONTRACTOR's EXPENSE.

THE CONTRACTOR HAS THE FOLLOWING RESPONSIBILITIES TO THE SPECIAL INSPECTOR:

1. PROVIDE A COPY OF THE CONSTRUCTION DOCUMENTS TO THE SPECIAL INSPECTOR.
2. NOTIFY THE SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW ASSIGNMENT OF PERSONNEL AND SCHEDULING OF TESTS.
3. COOPERATE WITH SPECIAL INSPECTOR AND PROVIDE ACCESS TO WORK.
4. PROVIDE SAMPLES OF MATERIALS TO BE TESTED IN REQUIRED QUANTITIES.
5. PROVIDE STORAGE SPACE FOR THE SPECIAL INSPECTOR's EXCLUSIVE USE, SUCH AS FOR STORING AND CURING CONCRETE TESTING SAMPLES.
6. PROVIDE LABOR TO ASSIST THE SPECIAL INSPECTOR IN PERFORMING TESTS/INSPECTIONS.

★ WHEN THE CONTRACTOR CALLS FOR SPECIAL INSPECTIONS AND IS NOT READY WHEN THE INSPECTOR ARRIVES ON SITE, THE CONTRACTOR SHALL BE RESPONSIBLE TO PAY FOR THE INSPECTOR's WASTED TIME.

SPECIAL INSPECTOR RESPONSIBILITIES

SPECIAL INSPECTOR SHALL MAINTAIN RECORDS OF INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE AND SHALL DISTRIBUTE THESE RECORDS TO THE BUILDING OFFICIAL, ARCHITECT, AND STRUCTURAL ENGINEER ON A WEEKLY BASIS. AT THE CONCLUSION OF THE PROJECT THE SPECIAL INSPECTOR SHALL SUBMIT A WRITTEN STATEMENT THAT THE SPECIAL INSPECTIONS DURING CONSTRUCTION HAVE COMPLIED WITH THIS STRUCTURAL QUALITY ASSURANCE PLAN AND THAT ANY DISCREPENCIES NOTED DURING CONSTRUCTION HAVE BEEN CORRECTED. ANY AND ALL DISCREPENCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR, THE CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY.

SOILS

THE SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:

1. VERIFY THAT THE STRUCTURAL FILL COMPLIES WITH SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT.
2. OBSERVE PROOFROLLING
3. PERFORM FIELD DENSITY TESTS TO VERIFY COMPACTION OF STRUCTURAL FILL. AS A MINIMUM, PERFORM ONE TEST PER LIFT FOR EVERY 2500 SQUARE FEET OF FILL PLACED.
4. VERIFY FOUNDATION BEARING CAPACITY.
5. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

CAST IN PLACE CONCRETE

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT MILL TEST REPORTS.
2. SUBMIT MANUFACTURER's DATA FOR TENSILE AND COMPRESSIVE SPLICERS.
3. ESTABLISH CONCRETE MIX DESIGN PROPORTIONS PER ACI 318, CHAPTER 5. SUBMIT THREE COPIES OF EACH CONCRETE MIX DESIGN. PROVIDE COPIES OF EACH CONCRETE MIX DESIGN TO THE SPECIAL INSPECTOR. NCLUDE THE FOLLOWING:
   - A. TYPE AND QUANTITIES OF MATERIALS
   - B. SLUMP
   - C. AIR CONTENT
   - D. FRESH UNIT WEIGHT
   - E. AGGREGATES SIEVE ANALYSIS
   - F. DESIGN COMPRESSIVE STRENGTH
   - G. LOCATION OF PLACEMENT IN STRUCTURE
   - H. METHOD OF PLACEMENT
   - J. METHOD OF CURING
   - K. SEVEN-DAY AND 28-DAY COMPRESSIVE STRENGTHS
4. SUBMIT A CERTIFICATION FROM EACH MANUFACTURER OR SUPPLIER STATING THAT THE MATERIALS MEET THE REQUIRMENTS OF THE SPECIFIED ASTM AND ACI STANDARDS.
5. SUBMIT CERTIFICATION THAT THE READY-MIXED CONCRETE PLANT COMPLIES WITH THE REQUIREMENTS OF THE NATIONAL READY MIX CONCRETE ASSOCIATION.

SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:

1. VERIFY GRADE, QUANTITY, LOCATION, AND PLACEMENT OF REINFORCING STEEL PRIOR TO CONCRETE PLACEMENT.
2. EXAMINE CONCRETE IN TRUCK TO VERIFY THAT CONCRETE APPEARS PROPERLY MIXED.
3. PERFORM A SLUMP TEST AS DEEMED NECESSARY FOR EACH CONCRETE LOAD. RECORD IF WATER OR ADMIXTURES ARE ADDED TO THE CONCRETE AT THE JOB SITES. PERFORM ADDITIONAL SLUMP TESTS AFTER JOB SITE ADJUSTMENTS.
4. MOLD FOUR SPECIMENS PER SET FOR COMPRESSIVE STRENGTH TESTING; ONE SET FOR EACH 75 CUBIC YARDS OF EACH MIX DESIGN PLACED IN ANY ONE DAY. FOR EACH SET MOLDED, RECORD:
   - A. SLUMP
   - B. AIR CONTENT
   - C. UNIT WEIGHT
   - D. TEMPERATURE, AMBIENT AND CONCRETE
   - E. LOCATION OF PLACEMENT
   - F. ANY PERTINENT INFORMATION, SUCH AS ADDITION OF WATER, ADDITION OF ADMIXTURERS, ETC.

   PERFORM ONE 7-DAY AND TWO 28-DAY COMPRESSIVE STRENGTH TESTS. (USE ONE AS A SPARE TO BE BROKEN AS DIRECTED BY THE STRUCTURAL ENGINEER IF COMPRESSIVE STRENGTH'S DO NOT APPEAR ADEQUATE.)
5. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE AND CONCRETE PLACEMENT, NAME OF THE CONCRETE TESTING AGENCY, CONCRETE DESIGN COMPRESSIVE STRENGTH, LOCATION OF CONCRETE PLACEMENT IN STRUCTURE, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH AND TYPE OF BREAK.
6. MONITOR PLACEMENT OF STRUCTURAL LIGHTWEIGHT CONCRETE PLACED BY PUMPING.
7. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

★★ POST-INSTALLED ANCHOR BOLTS & REINFORCING STEEL IN CONCRETE & CONCRETE MASONRY

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT MANUFACTURER's DATA FOR CONCRETE EXPANSION ANCHORS.
2. SUBMIT MANUFACTURER's DATA FOR ADHESIVE ANCHORING EPOXY.
3. SUBMIT MANUFACTURER'S DATA FOR MECHANICAL CONCRETE ANCHORS (CONCRETE SCREWS)
4. PROVIDE ICC EVALUATION SERVICE REPORT TO SPECIAL INSPECTOR FOR EACH TYPE OF POST INSTALLED ANCHOR USED ON THIS PROJECT.
5. NOTIFY THE INSPECTOR 24-HOURS IN ADVANCE THAT POST INSTALLED ANCHORS AND / OR REINFORCING STEEL ARE SCHEDULED TO BE INSTALLED AND REQUIRE INSPECTION.

SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:

1. VERIFY THAT INSTALLERS HAVE BEEN TRAINED BY A REPRESENTATIVE OF THE ANCHOR MANUFACTURER.
2. INSPECT ALL POST-INSTALLED ANCHORS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ICC EVALUATION SERVICE REPORT FOR THAT INDIVIDUAL ANCHOR.
3. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE MANUFACTURER AND / OR KENTUCKY BUILDING CODE.

NON-SHRINK GROUT UNDER STEEL BASE PLATES

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT MILL TEST REPORTS.
2. SUBMIT GROUT MANUFACTURER's DATA FOR TENSILE AND COMPRESSIVE SPLICERS.
3. SUBMIT A CERTIFICATION THE GROUT EACH MANUFACTURER OR SUPPLIER STATING THAT THE MATERIALS MEET THE REQUIRMENTS OF THE SPECIFIED ASTM AND ACI STANDARDS.

SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:

1. COMPRESSIVE STRENGTHS TEST PER ASTM C109.
2. NUMBER OF TESTS: ONE TEST FOR EACH TEN BAGS OF GROUT USED OR MINIMUM OF ONE TEST FOR EACH DAY OF GROUTING. (NOTE: SEVEN GROUT CUBES ARE REQUIRED FOR ONE TEST – ONE CUBE TO BE USED AS A SPARE TO BE BROKEN AS DIRECTED BY THE STRUCTURAL ENGINEER IF COMPRESSIVE STRENGTH'S DO NOT APPEAR ADEQUATE.)
3. CUBE SIZES: 2-INCH x 2-INCH
4. TEST SCHEDULE: ONE CUBE AT 3 DAYS, TWO CUBES AT 7 DAYS, THREE CUBES AT 28 DAYS.
5. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

CONCRETE MASONRY

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT A CERTIFICATION FROM EACH MANUFACTURER OR SUPPLIER STATING THAT THE FOLLOWING MATERIALS COMPLY WITH THE SPECIFIED ASTM OR ACI STANDARDS.
   - A. CONCRETE MASONRY UNITS
   - B. MORTAR MATERIALS, PORTLAND CEMENT, HYDRATED LIME, AND AGGREGATES
   - C. GROUT MATERIALS: PORTLAND CEMENT AND AGGREGATES
   - D. JOINT REINFORCEMENT STEEL
   - E. REINFORCING STEEL
2. SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL USED IN CONCRETE MASONRY WALLS.

THE SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING:

1. VERIFY COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS, MORTAR, AND COARSE GROUT FOR EVERY 5,000 SQ. FT. OF SURFACE AREA AS FOLLOWS:
   - A. THREE (3) CONCRETE MASONRY UNITS SHALL BE TESTED IN ACCORDANCE WITH ASTM C140.
   - B. SIX (6) MORTAR CUBE SPECIMENS SHALL BE TESTED, THREE (3) AT 7-DAYS AND THREE (3) AT 28-DAYS, IN ACCORDANCE WITH ASTM C109
   - C. FOUR (4) COARSE GROUT SPECIMENS SHALL BE TESTED, TWO (2) AT 7-DAYS AND TWO (2) AT 28-DAYS, IN ACCORDANCE WITH ASTM C1019
   - D. IN LIEU OF INDIVIDUAL TESTS OF MASONRY UNITS, MORTAR, AND GROUT, PERFORM ONE (1) PRISM TEST (WHICH CONSISTS OF THREE PRISMS) IN ACCORDANCE WITH ASTM E447
1. PROVIDE CONTINUOUS INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
   - A. CLEANLINESS OF GROUT SPACE PRIOR TO GROUTING
   - B. PLACEMENT OF GROUT IN REINFORCED CELLS
   - C. CONSOLIDATION AND RE-CONSOLIDATION OF GROUT
   - D. PREPARATION OF REQUIRED GROUT AND MORTAR SPECIMENS
   - E. WELDING OF REINFORCING BARS
3. PROVIDE PERIODIC INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
   - A. PROPORTIONS OF SITE-PREPARED MORTAR AND GROUT
   - B. CONSTRUCTION OF MORTAR JOINTS
   - C. QUANTITY, SIZE, LOCATION, AND SUPPORT OF REINFORCING STEEL
   - D. QUANTITY, SIZE, AND PLACEMENT OF HORIZONTAL JOINT REINFORCEMENT
   - E. TYPE, SIZE AND LOCATION OF ANCHORS
   - F. PROTECTION OF MASONRY DURING COLD OR HOT WEATHER.
4. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

STRUCTURAL STEEL

THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

1. SUBMIT CERTIFICATION THAT THE FABRICATOR IS REGISTERED AND APPROVED BY THE BUILDING OFFICIAL TO PERFORM REQUIRED WORK WITHIN SPECIAL INSPECTIONS.
2. IF THE FABRICATOR IS NOT REGISTERED AND APPROVED, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED. SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR's ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR's SCOPE OF WORK.
3. SUBMIT CERTIFIED MILL TEST REPORTS FOR STRUCTURAL STEEL.
4. SUBMIT MANUFACTURER's CERTIFICATE OF COMPLIANCE FOR HIGH-STRENGTH BOLTING AND WELD FILLER MATERIALS.

SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING

1. PROVIDE CONTINUOUS INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
   - A. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS. ULTRASONICALLY INSPECT 100% OF THE COMPLETE PENETRATION WELDS.
   - B. MULTI-PASS FILLET WELDS AND SINGLE-PASS FILLET WELDS GREATER THAN $\frac{5}{16}$"
2. PROVIDE PERIODIC INSPECTION TO VERIFY COMPLIANCE OF THE FOLLOWING:
   - A. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS
   - B. MATERIAL VERIFICATION OF WELD FILLER MATERIAL
   - C. VERIFICATION OF ANCHOR ROD SIZE, CONFIGURATION, AND EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE
   - D. VISUALLY INSPECT ALL BOLTED CONNECTIONS IN ACCORDANCE WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. PRIOR TO VISUAL AND PHYSICAL TESTING, TENSION TESTING USING A CALIBRATION DEVICE (SKIDMORE-WILHELM) MUST INDICATE TENSIONS AT LEAST 0.5% IN EXCESS OF THE AISC MINIMUM. STRUCTURAL STEEL ERECTOR SHALL SUPPLY THE TENSION CALIBRATION DEVICE. TEST A MINIMUM OF 10% OF THE BOLTED CONNECTIONS
   - E. VISUALLY INSPECT ALL FIELD-WELDED CONNECTIONS. VISUAL INSPECTION OF WELDED JOINTS INCLUDES PERIODIC EXAMINATION OF FITUP
   - F. VERIFY STUD SHEAR CONNECTOR SPACING AND LOCATION. VISUALL INSPECT WELDING OF STUD SHEAR CONNECTORS.
3. WELD INSPECTIONS TO INCLUDE THE FOLLOWING
   - A. WELD INSPECTIONS SHALL BE IN ACCORDANCE WITH AWS D1.1
   - B. REVIEW AND VERIFY COMPLIANCE OF WRITTEN WELDING PROCEDURES WITH AWS REQUIREMENTS
   - C. VERIFY THAT WELDING PROCEDURES ARE BEING ADHERED TO DURING FIELD WELDING.
   - D. VERIFY WELDER QUALIFICATIONS
   - E. USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF WELDS. THE INSPECTOR MAY USE GAMMA RAY, MAGNAFLUX, TREPANNING, SONICS OR ANY OTHER AID TO VISUAL INSPECTION THAT THE SPECIAL INSPECTOR MAY DEEM NECESSARY TO BE ASSURED OF THE ADEQUACY OF THE WELD
   - F. KEEP A SYSTEMATIC RECORD OF ALL WELDS THAT INCLUDES, IN ADDITION TO OTHER REQUIRED RECORDS, THE IDENTIFICATION MARKS OF WELDERS, A LIST OF DEFECTIVE WELDS, AND THE MANNER OF CORRECTING DEFECTS.
4. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

STEEL JOIST

THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

1. SUBMIT MILL CERTIFICATION THAT THE SUPPLIED STEEL COMPLIES WITH THE SPECIFICATIONS.
2. SUBMIT CERTIFICATION THAT THE FABRICATOR IS REGISTERED AND APPROVED BY THE BUILDING OFFICIAL TO PERFORM REQUIRED WORK WITHIN SPECIAL INSPECTIONS.
3. IF THE FABRICATOR IS NOT REGISTERED AND APPROVED, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED. SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR's ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR's SCOPE OF WORK.

THE SPECIAL INSPECTOR SHALL PERFORM PERIODIC INSPECTIONS OF THE FOLLOWING:

1. VISUAL INSPECTION OF BOLTED AND WELDED CONNECTIONS.
2. VERIFY INSTALLATION OF BRIDGING BRACES.
3. VERIFY CONNECTIONS FOR TOP AND BOTTOM CHORDS.
4. VERIFY REINFORCEMENT OF MEMBERS FOR CONCENTRATED LOADS.
5. VERIFY PROPER BEARING.
6. PERFORM ANY AND ALL OTHER TESTS THAT MAY BE REQUIRED BY THE KENTUCKY BUILDING CODE.

STEEL DECK

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT MILL CERTIFICATION THAT THE SUPPLIED STEEL COMPLIES WITH THE SPECIFICATIONS.
2. SUBMIT CERTIFICATION THAT THE FABRICATOR IS REGISTERED AND APPROVED BY THE BUILDING OFFICIAL TO PERFORM REQUIRED WORK WITHIN SPECIAL INSPECTIONS.
3. IF THE FABRICATOR IS NOT REGISTERED AND APPROVED, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED. SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR's ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR's SCOPE OF WORK.

THE SPECIAL INSPECTOR SHALL PERFORM PERIODIC INSPECTIONS OF THE FOLLOWING:

1. VERIFY GENERAL ALIGNMENT AND DECK LAP.
2. VERIFY WELDS FOR SIZE AND PATTERN.
3. VERIFY SPACING AND TYPE OF SIDELAP ATTACHMENTS.
4. VERIFY INSTALLATION OF DECK CLOSURES.

COLD FORMED (LIGHT-GAUGE) FRAMING

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

1. SUBMIT MILL CERTIFICATION THAT THE SUPPLIED STEEL COMPLIES WITH THE SPECIFICATIONS.

THE SPECIAL INSPECTOR SHALL PERFORM THE FOLLOWING

1. VERIFY THAT GENERAL ARRANGEMENT AND INSTALLATION OF LIGHT-GAUGE STEEL FRAMING IS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
2. VERIFY THAT FRAMING MEMBERS AND CONNECTIONS ARE NOT DAMAGED.

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY
WILLIAM GORDON JR
19114
REGISTERED PROFESSIONAL ENGINEER

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

STRUCTURAL NOTES SPECIAL INSPECTIONS

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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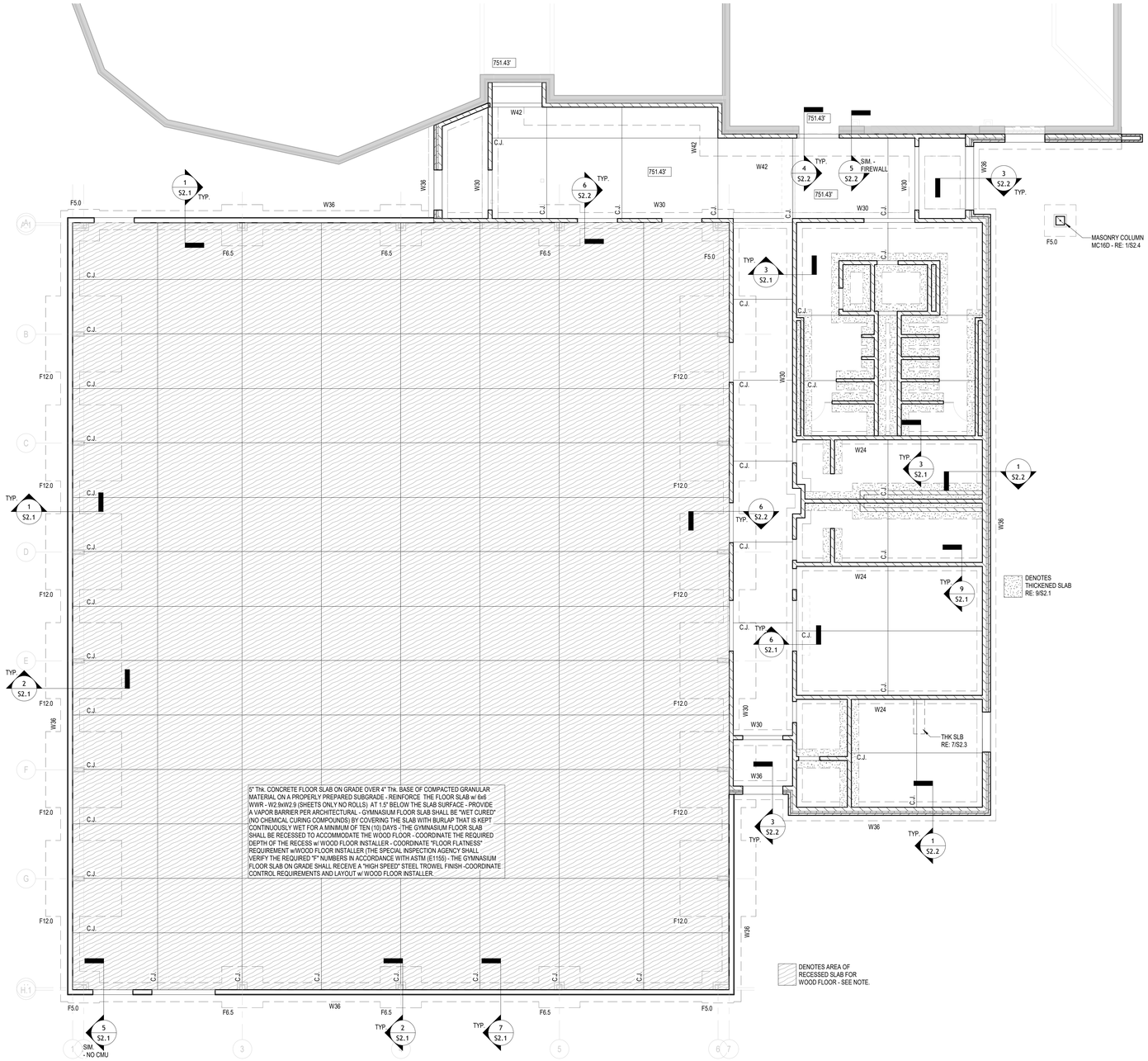
REVISIONS

No.	Description	Date

SHEET

S0.3

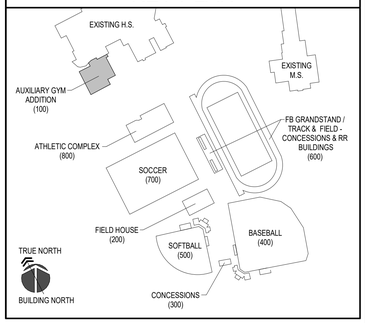


1 100 - GYM FOUNDATION PLANS
1/8" = 1'-0"

FOUNDATION NOTES:

1. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND FOR DEFINITIONS OF ABBREVIATIONS USED THROUGHOUT THESE DRAWINGS.
2. SEE SHEET S0.1 FOR STRUCTURAL DESIGN CRITERIA.
3. SEE SHEET S0.1 FOR GEOTECHNICAL DATA AND REQUIREMENTS ALONG WITH STRUCTURAL NOTES PERTAINING TO THE TESTING AND PREPARATION OF THE SUBGRADE FOR CONCRETE FLOOR SLABS ON GRADE AND BEARING STRATA FOR CONTINUOUS WALL FOOTINGS AND ISOLATED COLUMN FOUNDATIONS.
4. SEE SHEET S0.1 FOR STRUCTURAL NOTES PERTAINING TO CONCRETE MIX DESIGN, REINFORCING STEEL AND REINFORCED CONCRETE CONSTRUCTION.
5. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO REINFORCED CONCRETE MASONRY (CMU) CONSTRUCTION.
6. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO STRUCTURAL STEEL CONSTRUCTION, AS WELL AS CONSTRUCTION UTILIZING OPEN WEB, STEEL BAR JOIST, METAL ROOF DECK.
7. SEE SHEET S5.2 FOR STRUCTURAL NOTES PERTAINING TO PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES.
8. SEE SHEET S5.5 FOR STRUCTURAL NOTES PERTAINING TO WOOD FRAMING CONSTRUCTION & PRE-ENGINEERED METAL PLATE CONNECTED WOOD TRUSSES.
9. SEE SHEET S0.3 FOR NOTES PERTAINING TO THE SPECIAL INSPECTIONS REQUIRED ON THIS PROJECT BY CHAPTER 17 OF THE 2018 KENTUCKY BUILDING CODE (KBC).
10. F# DENOTES COLUMN FOOTING. SEE SHEET S2.0 FOR THE "ISOLATED COLUMN FOOTING SCHEDULE". ALL FOOTING SHALL BE CENTERED ON COLUMNS (U.N.O.).
    F#R DENOTES A ROCK BEARING COLUMN FOOTING SEE S2.6 FOR FOOTING SCHEDULE.
11. W# DENOTES WALL FOOTING. SEE SHEET S2.0 FOR THE "CONTINUOUS WALL FOOTING SCHEDULE".
    SW# DENOTES A TORNADO SHELTER WALL FOOTING SEE S2.6 FOR FOOTING SCHEDULE.
12. "C.J." DENOTES SLAB "CONTROL JOINT" OR "CONSTRUCTION JOINT" - RE A/S2.0.
13. "MCXXXZ" DENOTES A "MASONRY COLUMN" OF "XXX" SIZE AND "Z" TYPE - RE: B/S4.1.
14. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS IN ALL STRUCTURAL (REINFORCED) CONCRETE WALLS AND SLABS - RE: B/S2.0.
15. PROVIDE ADDITIONAL REINFORCING REQUIRED AT ALL RE-ENTRANT CORNERS IN CONCRETE FLOOR SLABS ON GRADE - RE: C/S2.0.
16. PROVIDE CORNER BARS IN CONCRETE WALLS AT ALL CORNERS AND WALL INTERSECTIONS. RE: D/S2.0.
17. PROVIDE CORNER BARS IN CMU BOND BEAMS AT ALL CORNERS AND WALL INTERSECTIONS. RE: C/S4.0.
18. ALL KEYWAYS INDICATED IN THE SECTIONS AND DETAILS SHALL BE 2x4 UNLESS NOTED OTHERWISE - RE: E/S2.0.
19. SEE ARCHITECTURAL FOR GROUND FLOOR SLAB ON GRADE ELEVATION FOR THIS PROJECT.
20. EXCEPT AS NOTED BELOW, ALL FOUNDATION ELEMENTS SHALL BEAR ON NATIVE SOIL OR ON PROPERLY PLACED AND COMPACTED STRUCTURAL FILL. SHALLOW ROCK, SOFT YIELDING SOILS AND FAT CLAYS MAY BE ENCOUNTERED DURING FOUNDATION EXCAVATION. FOUNDATION ELEMENTS MAY NOT BEAR ON SOFT SOILS, ROCK, FAT CLAY OR ANY OTHER DELETERIOUS MATERIAL. IF UNSUITABLE SOIL IS ENCOUNTERED AT THE SPECIFIED BOTTOM OF FOOTING ELEVATION, THE CONTRACTOR SHALL TAKE REMEDIAL MEASURE OUTLINED IN DETAIL B/S2.1.
21. SHALLOW ROCK WAS IDENTIFIED IN THE GEOTECHNICAL REPORT BORING LOGS IN THE AREA OF THE TORNADO SHELTER. ALL TORNADO SHELTER FOUNDATIONS HAVE BEEN DESIGNED AS ROCK BEARING SHALLOW FOOTINGS. IF ROCK IS NOT ENCOUNTERED AT THE BOTTOM OF TORNADO SHELTER FOOTING ELEVATION, THE EXCAVATION SHALL BE CARRIED DEEPER TO COMPETENT BEDROCK (AS FIELD DETERMINED BY THE GEOTECHNICAL ENGINEER). AFTER THE EXCAVATION IS APPROVED BY THE GEOTECHNICAL ENGINEER, THE EXCAVATION SHALL BE BROUGHT TO THE SPECIFIED BORING ELEVATION WITH LEAN CONCRETE FILL OR, AT THE CONTRACTOR'S OPTION, THE FOUNDATIONS LOWERED TO BEAR DIRECTLY ON ROCK, RE:A/S2.4. THE GEOTECHNICAL ENGINEER SHALL DIRECT AND DOCUMENT ALL UNDERCUTTING AND BACKFILLING OPERATIONS.
22. UNLESS NOTED OTHERWISE, ALL FOUNDATIONS SHALL BE CONSTRUCTED AT TOP OF FOOTING ELEVATION AS FOLLOWS: 24" (MIN.) BELOW ADJACENT INTERIOR FLOOR SLAB ON GRADE OR 18" (MIN) BELOW ADJACENT EXTERIOR FINISH GRADE - WHICHEVER IS LOWER.
23. THE CONTRACTOR SHALL COORDINATE UNDERGROUND UTILITIES WITH FOOTINGS AND FOUNDATION WALLS AND ENSURE HEAT ADEQUATE CLEARANCE IS PROVIDED BETWEEN UTILITIES AND FOUNDATION ELEMENTS - RE: H/S2.0 AND J/S2.0 FOR MORE INFORMATION WHERE PIPES/CONDUITS INTERFERE WITH FOUNDATION WALLS/FOOTINGS OR COLUMN FOUNDATIONS.
24. EXCEPT AS NOTED OTHERWISE, THE CONCRETE FLOOR SLAB ON GRADE FOR THIS PROJECT SHALL BE 4" Thick OVER 6" (MIN.) COMPACTED GRANULAR BASE AND VAPOR BARRIER (RE: SPECIFICATIONS). REINFORCING FOR THE CONCRETE FLOOR SLAB ON GRADE SHALL BE WWR 6x6-W2.9xW2.9 LOCATED AT 1 1/2" BELOW SLAB SURFACE. THE WELDED WIRE REINFORCEMENT (WWR) SHALL SUPPLIED IN SHEETS ONLY (NO ROLLS). WWR SHALL BE PROPERLY LOCATED AND SUPPORTED USING CHAIRS, BAR SUPPORTS OR BOLSTERS. EDGES AND ENDS OF THE WELDED WIRE REINFORCEMENT SHEETS SHALL BE LAPPED ONE (1) WIRE SPACING + 2".
25. PROVIDE BOND BREAKER CONSISTING OF TWO (2) LAYERS OF 15# CONSTRUCTION FELT FOR SELF-ADHERED MEMBRANE BOND BREAKER BETWEEN CONCRETE FLOOR SLABS ON GRADE AND ALL CONCRETE AND CMU FOUNDATION WALLS - RE: A/S2.0 (NO BOND BREAKER REQUIRED AT ICF WALLS).
26. SEE DETAIL B/S3.1 FOR ANCHOR BOLT DETAILS.
27. SEE DETAIL E/S3.1 FOR COLUMN BASE PLATE DETAILS.
28. TUBE STEEL COLUMNS (HSS) FOR THIS PROJECT SHALL CONFORM TO ASTM A1085, SEE FOUNDATION PLANS FOR COLUMN SIZES.
29. THE MASON SHALL PROVIDE MASONRY CONTROL JOINTS (M.C.J.) SPACED AT 24'-0" (MAX.) CENTERS. MASONRY CONTROL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL D/S4.0 AND NOTE No. 6-R ON SHEET S0.2. RE A/S4.0 FOR MORE INFORMATION REGARDING MASONRY CONTROL JOINT (MCJ) LAYOUT. CONTRACTOR SHALL COORDINATE MCJ LOCATIONS w/ARCHITECTURAL DRAWINGS.
30. ALL CMU WALLS (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AS SPECIFIED IN NOTE NO. 6-P ON SHEET S0.2.
31. ALL VERTICAL REINFORCING BARS FOR MASONRY CMU WALLS AND COLUMNS SHALL BE CONTINUOUS FROM TOP OF FOUNDATION TO TOP OF WALL AND SHALL BE FULLY DEVELOPED WITH MATCHING DOWELS OUT OF THE FOUNDATION. (U.N.O.). BAR SPLICES FOR CMU CONSTRUCTION SHALL BE FORTY-EIGHT (48) DIAMETERS.
32. PROVIDE ADDITIONAL VERTICAL REINFORCING IN GROUTED SOLID CMU CELLS AT ALL MASONRY WALL CORNERS AND INTERSECTIONS AS WELL AT THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS RE: D.S4.1 - PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
33. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. DIMENSIONAL DISCREPANCIES SHALL BE RECTIFIED PRIOR TO STARTING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY — WILLIAM GREGORY JR. — 16114 — LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

100 - GYM - FOUNDATION PLANS

JOB NO.	2459
DATE	03/24/2026
DRAWN	JNK
CHECKED	WEG

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REVISIONS

No.	Description	Date

SHEET

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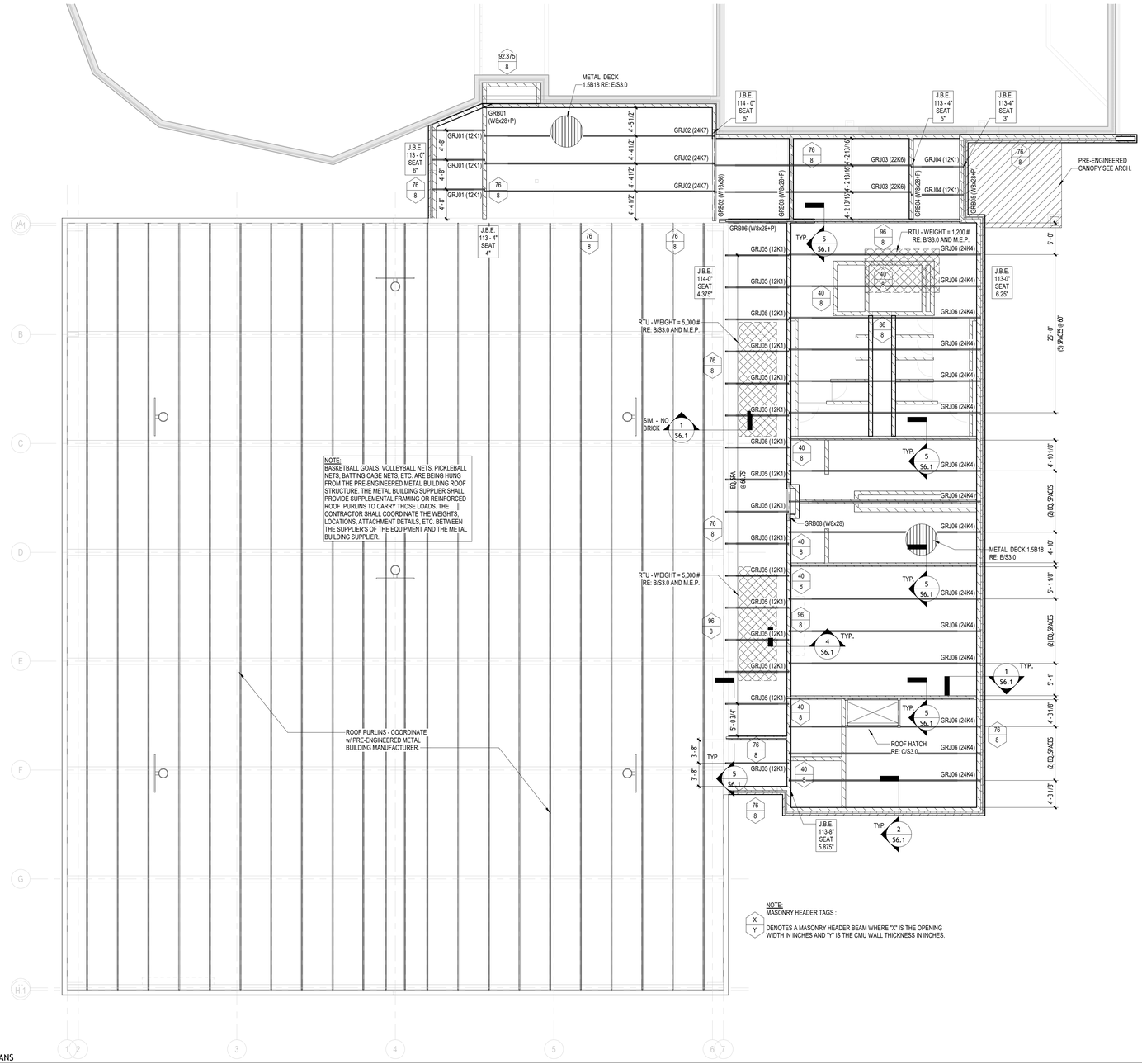
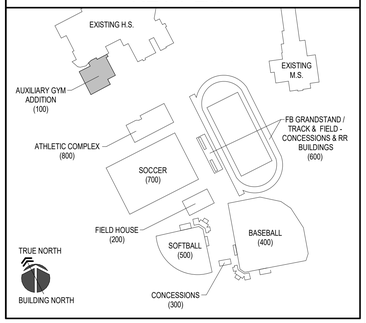


1 100 - GYM ROOF PLANS
1/8" = 1'-0"

ROOF NOTES:

1. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND FOR DEFINITIONS OF ABBREVIATIONS USED THROUGHOUT THESE DRAWINGS.
2. SEE SHEET S0.1 FOR STRUCTURAL DESIGN CRITERIA.
3. SEE SHEET S0.1 FOR GEOTECHNICAL DATA AND REQUIREMENTS ALONG WITH STRUCTURAL NOTES PERTAINING TO THE TESTING AND PREPARATION OF THE SUBGRADE FOR CONCRETE FLOOR SLABS ON GRADE AND BEARING STRATA FOR CONTINUOUS WALL FOOTINGS AND ISOLATED COLUMN FOUNDATIONS.
4. SEE SHEET S0.1 FOR STRUCTURAL NOTES PERTAINING TO CONCRETE MIX DESIGN, REINFORCING STEEL, AND REINFORCED CONCRETE CONSTRUCTION.
5. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO REINFORCED CONCRETE MASONRY (CMU) CONSTRUCTION.
6. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO STRUCTURAL STEEL CONSTRUCTION, AS WELL AS CONSTRUCTION UTILIZING OPEN-WEB, STEEL BAR JOISTS, METAL ROOF DECK.
7. SEE SHEET S5.2 FOR STRUCTURAL NOTES PERTAINING TO PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES.
8. SEE SHEET S5.5 FOR STRUCTURAL NOTES PERTAINING TO WOOD FRAMING CONSTRUCTION & PRE-ENGINEERED METAL PLATE CONNECTED WOOD TRUSSES.
9. SEE SHEET S0.3 FOR NOTES PERTAINING TO THE SPECIAL INSPECTIONS REQUIRED ON THIS PROJECT BY CHAPTER 17 OF THE 2018 KENTUCKY BUILDING CODE (KBC).
10. SEE DETAIL A/S3.0 FOR ADDITIONAL INFORMATION REGARDING SUPPORTING CONCENTRATED LOADS ON OPEN-WEB STEEL BAR JOISTS.
11. THE CONTRACTOR SHALL COORDINATE RTU WEIGHTS AND LOCATIONS BETWEEN THE BAR JOIST SUPPLIER AND ALL M.E.P. SUB-CONTRACTORS.
12. SEE DETAIL B/S3.0 FOR ADDITIONAL INFORMATION REGARDING SUPPORTING ROOF TOP MECHANICAL UNITS (RTU) ON OPEN WEB STEEL BAR JOISTS.
13. SEE DETAIL C/S3.0 FOR ADDITIONAL INFORMATION REGARDING ANGLE FRAMES REQUIRED FOR OPENINGS IN THE METAL FORM DECK AND METAL ROOF DECK.
14. SEE DETAIL D/S3.0 FOR ADDITIONAL INFORMATION REGARDING HORIZONTAL BRIDGING FOR OPEN-WEB STEEL JOISTS.
15. SEE DETAIL E/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF 1.5B18 METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE.
16. SEE DETAIL F/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF 3N16 METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE.
17. SEE DETAIL G/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF OPEN-WEB STEEL JOISTS TO THE SUPPORTING STRUCTURE.
18. SEE DETAIL C/S3.1 FOR MORE INFORMATION REGARDING BRICK LINTEL ANGLES.
19. SEE SHEETS S3.0 FOR STEEL BEAM SCHEDULES.
20. SEE DETAIL K/S3.1 AND ACCOMPANYING SCHEDULE FOR CONNECTION DETAILS WHERE STEEL BEAMS FRAME INTO STEEL COLUMNS AND / OR OTHER STEEL BEAMS.
21. TUBE STEEL COLUMNS (HSS) FOR THIS PROJECT SHALL CONFORM TO ASTM A1085, SEE FOUNDATION PLAN FOR COLUMN SIZES.
22. SEE DETAIL A/S3.1 FOR BEAM TO COLUMN CONNECTION WHERE STEEL BEAM IS INDICATED TO BE CONTINUOUS OVER TOP OF TUBE STEEL COLUMN.
23. THE MASON SHALL PROVIDE MASONRY CONTROL JOINTS (M.C.J.) SPACED AT 24'-0" (MAXIMUM) CENTERS MASONRY CONTROL JOINTS SHALL CONSTRUCTED IN ACCORDANCE WITH DETAIL D/S4.0 & NOTE NO. 6-R ON SHEET SO.2. SEE DETAIL A/S4.0 FOR MORE INFORMATION REGARDING MASONRY CONTROL JOINT (MCJ) LAYOUT. THE CONTRACTOR SHALL COORDINATE MCJ LOCATIONS w/ ARCHITECTURAL DRAWINGS.
24. LETTERS IN HEXAGONS DENOTE GROUTED SOLID, REINFORCED MASONRY (CMU) HEADER BEAMS OVER WALL OPENINGS IN THE MASONRY (CMU) WALLS. "X" IS THE OPENING WIDTH & "Y" IS THE CMU WALL THICKNESS. SEE DETAILS A/S4.0 & B/S4.0 FOR ADDITIONAL INFORMATION. THE REINFORCING STEEL DETAILER SHALL DETAIL ALL MASONRY HEADER BEAMS ON THE REINFORCING STEEL SHOP DRAWINGS. SEE SCHEDULE ON S4.0 FOR MASONRY HEADER REINFORCING.
25. NUMEROUS HVAC AND MECHANICAL WALL OPENINGS AND PENETRATIONS ARE REQUIRED THROUGH CONCRETE (ICF) MASONRY (CMU) WALLS ON THIS PROJECT. THE CONTRACTOR SHALL COORDINATE THE EXACT SIZE AND LOCATION OF ALL WALL OPENINGS BETWEEN MASON AND ALL OTHER TRADES REQUIRING WALL PENETRATIONS. MASON AND ICF CONTRACTOR SHALL CONSTRUCT THE REQUIRED HEADERS IN CMU & ICF WALLS OVER OPENINGS PER DETAILS A/S4.0 & A/S4.2 AND THE HEADER SCHEDULES SHEET S/4.0 & A/S4.2
26. WHERE OPENINGS IN MASONRY AND / OR ICF WALLS ARE INDICATED ON ARCHITECTURAL DRAWINGS AND NOT SHOWN ON THE STRUCTURAL DRAWINGS, PROVIDE A REINFORCED MASONRY HEADER OR A REINFORCED CONCRETE HEADER PER THE APPLICABLE DETAILS REFERENCED HEREIN. HEADER BEAM REINFORCING DETAILS SHALL BE FOR THE OPENING IN THE SCHEDULE THAT IS MOST SIMILAR TO THE OPENING IN QUESTION.
27. PROVIDE STEEL BEARING PLATES PER DETAIL C/S4.1 UNDER ALL OPEN-WEB, STEEL BAR JOISTS BEARING ON MASONRY AND ICF WALLS.
28. PROVIDE BEARING PLATES PER DETAIL A/S4.1 AND SECTION 1/S4.1 FOR ALL STEEL BEAMS INDICATED TO BE SUPPORTED BY MASONRY WALLS OR MASONRY COLUMNS (MC) -RE: B/S4.1 FOR DETAILS REGARDING MASONRY COLUMN (MC) UNDER STEEL BEAM -RE: BEAM SCHEDULE FOR BEARING PLATE SIZE.
29. SEE SECTION 2/S4.1 FOR ADDITIONAL INFORMATION WHERE MASONRY (CMU) WALLS ARE INDICATED TO BE SUPPORTED ON STEEL BEAMS.
30. SEE SECTIONS 3/S4.1 FOR ADDITIONAL INFORMATION WHERE STEEL BEAM IS INDICATED TO BE CONTINUOUS OVER TOP OF A MASONRY COLUMN (MC) OR MASONRY WALL.
31. ALL CMU WALLS (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AS SPECIFIED IN NOTE NOs. 6-P ON SHEET S0.2.
32. PROVIDE ADDITIONAL VERTICAL REINFORCING IN ICF WALLS AT ALL WALL CORNERS AND INTERSECTIONS AS WELL AS THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS -RE: A/S4.4 THRU D/S4.4 PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
33. PROVIDE ADDITIONAL VERTICAL REINFORCING IN GROUTED SOLID CMU CELLS AT ALL MASONRY WALL CORNERS AND INTERSECTIONS AS WELL AT THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS PER DETAIL D/S4.1. PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
34. PROVIDE BOND BREAKER CONSISTING OF TWO (2) LAYERS OF 15# CONSTRUCTION FELT OR SELF-ADHERED MEMBRANE BOND BREAKER BETWEEN CONCRETE FLOOR SLABS (ON GRADE AND/OR FORM DECK) AND CMU WALLS.
35. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS. DIMENSIONAL DISCREPANCIES SHALL BE RECTIFIED PRIOR TO STARTING CONSTRUCTION.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY
WILLIAM EDWARD GRISSOM JR.
16114
LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

100 - GYM - ROOF PLANS

JOB NO.	2459
DATE	03/24/2026
DRAWN	JNK
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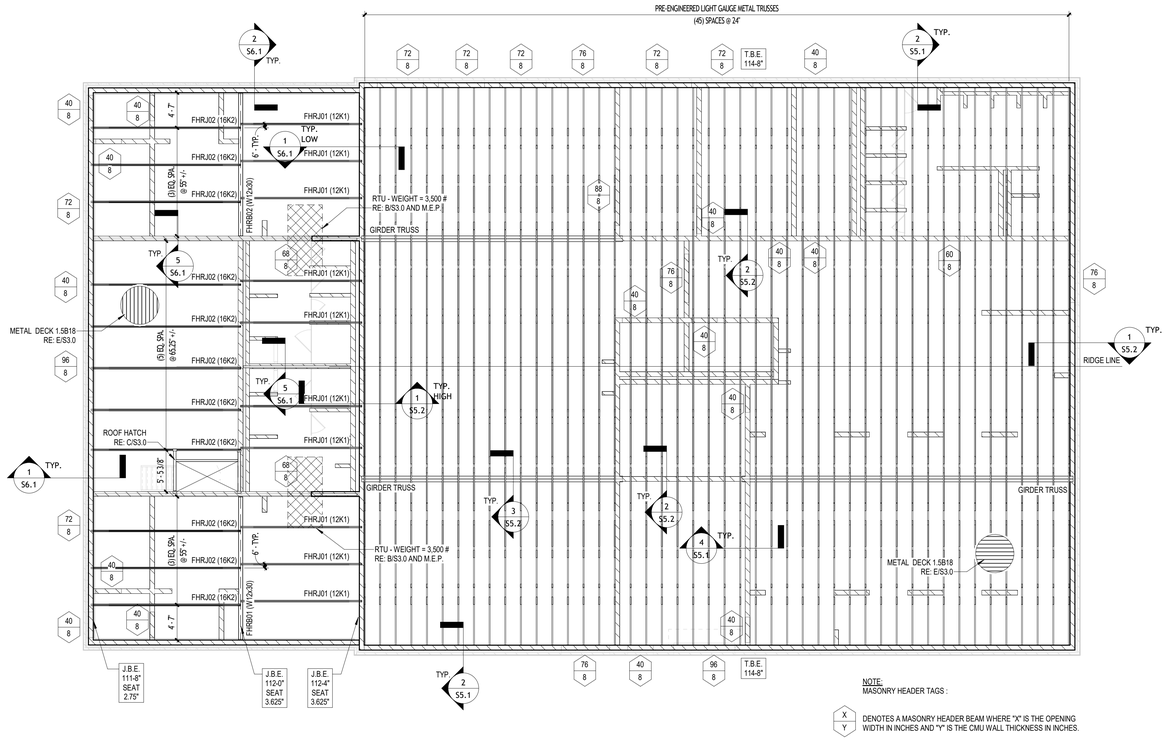
SHEET

S1.1

1 200 - FIELD HOUSE FOUNDATION PLANS
1/8" = 1'-0"



2 200 - FIELD HOUSE ROOF PLANS
1/8" = 1'-0"

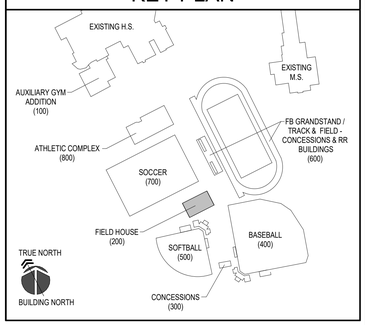
FOUNDATION NOTES:

1. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND FOR DEFINITIONS OF ABBREVIATIONS USED THROUGHOUT THESE DRAWINGS.
2. SEE SHEET S0.1 FOR STRUCTURAL DESIGN CRITERIA.
3. SEE SHEET S0.1 FOR GEOTECHNICAL DATA AND REQUIREMENTS ALONG WITH STRUCTURAL NOTES PERTAINING TO THE TESTING AND PREPARATION OF THE SUBGRADE FOR CONCRETE FLOOR SLABS ON GRADE AND BEARING STRATA FOR CONTINUOUS WALL FOOTINGS AND ISOLATED COLUMN FOUNDATIONS.
4. SEE SHEET S0.1 FOR STRUCTURAL NOTES PERTAINING TO CONCRETE MIX DESIGN, REINFORCING STEEL AND REINFORCED CONCRETE CONSTRUCTION.
5. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO REINFORCED CONCRETE MASONRY (CMU) CONSTRUCTION.
6. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO STRUCTURAL STEEL CONSTRUCTION, AS WELL AS CONSTRUCTION UTILIZING OPEN WEB, STEEL BAR JOIST, METAL ROOF DECK.
7. SEE SHEET S5.2 FOR STRUCTURAL NOTES PERTAINING TO PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES.
8. SEE SHEET S5.5 FOR STRUCTURAL NOTES PERTAINING TO WOOD FRAMING CONSTRUCTION & PRE-ENGINEERED METAL PLATE CONNECTED WOOD TRUSSES.
9. SEE SHEET S0.3 FOR NOTES PERTAINING TO THE SPECIAL INSPECTIONS REQUIRED ON THIS PROJECT BY CHAPTER 17 OF THE 2018 KENTUCKY BUILDING CODE (KBC).
10. F# DENOTES COLUMN FOOTING. SEE SHEET S2.0 FOR THE "ISOLATED COLUMN FOOTING SCHEDULE". ALL FOOTING SHALL BE CENTERED ON COLUMNS (U.N.O.).
    F#R DENOTES A ROCK BEARING COLUMN FOOTING SEE S2.6 FOR FOOTING SCHEDULE.
11. W# DENOTES WALL FOOTING. SEE SHEET S2.0 FOR THE "CONTINUOUS WALL FOOTING SCHEDULE".
    SW# DENOTES A TORNADO SHELTER WALL FOOTING SEE S2.6 FOR FOOTING SCHEDULE.
12. "C.J." DENOTES SLAB "CONTROL JOINT" OR "CONSTRUCTION JOINT" - RE A/S2.0.
13. "MCXXXZ" DENOTES A "MASONRY COLUMN" OF "XXX" SIZE AND "Z" TYPE - RE: B/S4.1.
14. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS IN ALL STRUCTURAL (REINFORCED) CONCRETE WALLS AND SLABS - RE: B/S2.0.
15. PROVIDE ADDITIONAL REINFORCING REQUIRED AT ALL RE-ENTRANT CORNERS IN CONCRETE FLOOR SLABS ON GRADE - RE: C/S2.0.
16. PROVIDE CORNER BARS IN CONCRETE WALLS AT ALL CORNERS AND WALL INTERSECTIONS. RE: D/S2.0.
17. PROVIDE CORNER BARS IN CMU BOND BEAMS AT ALL CORNERS AND WALL INTERSECTIONS. RE: C/S4.0.
18. ALL KEYWAYS INDICATED IN THE SECTIONS AND DETAILS SHALL BE 2x4 UNLESS NOTED OTHERWISE - RE: E/S2.0.
19. SEE ARCHITECTURAL FOR GROUND FLOOR SLAB ON GRADE ELEVATION FOR THIS PROJECT.
20. EXCEPT AS NOTED BELOW, ALL FOUNDATION ELEMENTS SHALL BEAR ON NATIVE SOIL OR ON PROPERLY PLACED AND COMPACTED STRUCTURAL FILL. SHALLOW ROCK, SOFT YIELDING SOILS AND FAT CLAYS MAY BE ENCOUNTERED DURING FOUNDATION EXCAVATION. FOUNDATION ELEMENTS MAY NOT BEAR ON SOFT SOILS, ROCK, FAT CLAY OR ANY OTHER DELETERIOUS MATERIAL. IF UNSUITABLE SOIL IS ENCOUNTERED AT THE SPECIFIED BOTTOM OF FOOTING ELEVATION, THE CONTRACTOR SHALL TAKE REMEDIAL MEASURE OUTLINED IN DETAIL B/S2.1.
21. SHALLOW ROCK WAS IDENTIFIED IN THE GEOTECHNICAL REPORT BORING LOGS IN THE AREA OF THE TORNADO SHELTER. ALL TORNADO SHELTER FOUNDATIONS HAVE BEEN DESIGNED AS ROCK BEARING SHALLOW FOOTINGS. IF ROCK IS NOT ENCOUNTERED AT THE BOTTOM OF TORNADO SHELTER FOOTING ELEVATION, THE EXCAVATION SHALL BE CARRIED DEEPER TO COMPETENT BEDROCK (AS FIELD DETERMINED BY THE GEOTECHNICAL ENGINEER). AFTER THE EXCAVATION IS APPROVED BY THE GEOTECHNICAL ENGINEER, THE EXCAVATION SHALL BE BROUGHT TO THE SPECIFIED BORING ELEVATION WITH LEAN CONCRETE FILL OR, AT THE CONTRACTORS OPTION, THE FOUNDATIONS LOWERED TO BEAR DIRECTLY ON ROCK, RE:A/S2.4. THE GEOTECHNICAL ENGINEER SHALL DIRECT AND DOCUMENT ALL UNDERCUTTING AND BACKFILLING OPERATIONS.
22. UNLESS NOTED OTHERWISE, ALL FOUNDATIONS SHALL BE CONSTRUCTED AT TOP OF FOOTING ELEVATION AS FOLLOWS: 24" (MIN.) BELOW ADJACENT INTERIOR FLOOR SLAB ON GRADE OR 18" (MIN) BELOW ADJACENT EXTERIOR FINISH GRADE - WHICHEVER IS LOWER.
23. THE CONTRACTOR SHALL COORDINATE UNDERGROUND UTILITIES WITH FOOTINGS AND FOUNDATION WALLS AND ENSURE HEAT ADEQUATE CLEARANCE IS PROVIDED BETWEEN UTILITIES AND FOUNDATION ELEMENTS - RE: H/S2.0 AND J/S2.0 FOR MORE INFORMATION WHERE PIPES/CONDUITS INTERFERE WITH FOUNDATION WALLS/FOOTINGS OR COLUMN FOUNDATIONS.
24. EXCEPT AS NOTED OTHERWISE, THE CONCRETE FLOOR SLAB ON GRADE FOR THIS PROJECT SHALL BE 4" Thick OVER 6" (MIN.) COMPACTED GRANULAR BASE AND VAPOR BARRIER (RE: SPECIFICATIONS). REINFORCING FOR THE CONCRETE SLAB ON GRADE SHALL BE WWR 6x6-W2 9xW2.9 LOCATED AT 1 1/2" BELOW SLAB SURFACE. THE WELDED WIRE REINFORCEMENT (WWR) SHALL SUPPLIED IN SHEETS ONLY (NO ROLLS). WWR SHALL BE PROPERLY LOCATED AND SUPPORTED USING CHAIRS, BAR SUPPORTS OR BOLSTERS. EDGES AND ENDS OF THE WELDED WIRE REINFORCEMENT SHEETS SHALL BE LAPPED ONE (1) WIRE SPACING + 2".
25. PROVIDE BOND BREAKER CONSISTING OF TWO (2) LAYERS OF 15# CONSTRUCTION FELT FOR SELF-ADHERED MEMBRANE BOND BREAKER BETWEEN CONCRETE FLOOR SLABS ON GRADE AND ALL CONCRETE AND CMU FOUNDATION WALLS - RE: A/S2.0 (NO BOND BREAKER REQUIRED AT ICF WALLS).
26. SEE DETAIL B/S3.1 FOR ANCHOR BOLT DETAILS.
27. SEE DETAIL E/S3.1 FOR COLUMN BASE PLATE DETAILS.
28. TUBE STEEL COLUMNS (HSS) FOR THIS PROJECT SHALL CONFORM TO ASTM A1085, SEE FOUNDATION PLANS FOR COLUMN SIZES.
29. THE MASON SHALL PROVIDE MASONRY CONTROL JOINTS (M.C.J.) SPACED AT 24'-0" (MAX.) CENTERS. MASONRY CONTROL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL D/S4.0 AND NOTE No. 6-R ON SHEET S0.2. RE A/S4.0 FOR MORE INFORMATION REGARDING MASONRY CONTROL JOINT (MCJ) LAYOUT. CONTRACTOR SHALL COORDINATE MCJ LOCATIONS w/ARCHITECTURAL DRAWINGS.
30. ALL CMU WALLS (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AS SPECIFIED IN NOTE NO. 6-P ON SHEET S0.2.
31. ALL VERTICAL REINFORCING BARS FOR MASONRY CMU WALLS AND COLUMNS SHALL BE CONTINUOUS FROM TOP OF FOUNDATION TO TOP OF WALL AND SHALL BE FULLY DEVELOPED WITH MATCHING DOWELS OUT OF THE FOUNDATION. (U.N.O.). BAR SPLICES FOR CMU CONSTRUCTION SHALL BE FORTY-EIGHT (48) DIAMETERS.
32. PROVIDE ADDITIONAL VERTICAL REINFORCING IN GROUTED SOLID CMU CELLS AT ALL MASONRY WALL CORNERS AND INTERSECTIONS AS WELL AT THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS RE: D.S4.1 - PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
33. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. DIMENSIONAL DISCREPANCIES SHALL BE RECTIFIED PRIOR TO STARTING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

ROOF NOTES:

1. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND FOR DEFINITIONS OF ABBREVIATIONS USED THROUGHOUT THESE DRAWINGS.
2. SEE SHEET S0.1 FOR STRUCTURAL DESIGN CRITERIA.
3. SEE SHEET S0.1 FOR GEOTECHNICAL DATA AND REQUIREMENTS ALONG WITH STRUCTURAL NOTES PERTAINING TO THE TESTING AND PREPARATION OF THE SUBGRADE FOR CONCRETE FLOOR SLABS ON GRADE AND BEARING STRATA FOR CONTINUOUS WALL FOOTINGS AND ISOLATED COLUMN FOUNDATIONS.
4. SEE SHEET S0.1 FOR STRUCTURAL NOTES PERTAINING TO CONCRETE MIX DESIGN, REINFORCING STEEL, AND REINFORCED CONCRETE CONSTRUCTION.
5. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO REINFORCED CONCRETE MASONRY (CMU) CONSTRUCTION.
6. SEE SHEET S0.2 FOR STRUCTURAL NOTES PERTAINING TO STRUCTURAL STEEL CONSTRUCTION, AS WELL AS CONSTRUCTION UTILIZING OPEN-WEB, STEEL BAR JOISTS, METAL ROOF DECK.
7. SEE SHEET S5.2 FOR STRUCTURAL NOTES PERTAINING TO PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES.
8. SEE SHEET S5.5 FOR STRUCTURAL NOTES PERTAINING TO WOOD FRAMING CONSTRUCTION & PRE-ENGINEERED METAL PLATE CONNECTED WOOD TRUSSES.
9. SEE SHEET S0.3 FOR NOTES PERTAINING TO THE SPECIAL INSPECTIONS REQUIRED ON THIS PROJECT BY CHAPTER 17 OF THE 2018 KENTUCKY BUILDING CODE (KBC).
10. SEE DETAIL A/S3.0 FOR ADDITIONAL INFORMATION REGARDING SUPPORTING CONCENTRATED LOADS ON OPEN-WEB STEEL BAR JOISTS.
11. THE CONTRACTOR SHALL COORDINATE RTU WEIGHTS AND LOCATIONS BETWEEN THE BAR JOIST SUPPLIER AND ALL M.E.P. SUB-CONTRACTORS.
12. SEE DETAIL B/S3.0 FOR ADDITIONAL INFORMATION REGARDING SUPPORTING ROOF TOP MECHANICAL UNITS (RTU) ON OPEN WEB STEEL BAR JOISTS.
13. SEE DETAIL C/S3.0 FOR ADDITIONAL INFORMATION REGARDING ANGLE FRAMES REQUIRED FOR OPENINGS IN THE METAL FORM DECK AND METAL ROOF DECK.
14. SEE DETAIL D/S3.0 FOR ADDITIONAL INFORMATION REGARDING HORIZONTAL BRIDGING FOR OPEN-WEB STEEL JOISTS.
15. SEE DETAIL E/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF 1.5B18 METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE.
16. SEE DETAIL F/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF 3N16 METAL ROOF DECK TO THE SUPPORTING STEEL STRUCTURE.
17. SEE DETAIL G/S3.0 FOR ADDITIONAL INFORMATION REGARDING ATTACHMENT OF OPEN-WEB STEEL JOISTS TO THE SUPPORTING STRUCTURE.
18. SEE DETAIL C/S3.1 FOR MORE INFORMATION REGARDING BRICK LINTEL ANGLES.
19. SEE SHEETS S3.0 FOR STEEL BEAM SCHEDULES.
20. SEE DETAIL K/S3.1 AND ACCOMPANYING SCHEDULE FOR CONNECTION DETAILS WHERE STEEL BEAMS FRAME INTO STEEL COLUMNS AND / OR OTHER STEEL BEAMS.
21. TUBE STEEL COLUMNS (HSS) FOR THIS PROJECT SHALL CONFORM TO ASTM A1085, SEE FOUNDATION PLAN FOR COLUMN SIZES.
22. SEE DETAIL A/S3.1 FOR BEAM TO COLUMN CONNECTION WHERE STEEL BEAM IS INDICATED TO BE CONTINUOUS OVER TOP OF TUBE STEEL COLUMN.
23. THE MASON SHALL PROVIDE MASONRY CONTROL JOINTS (M.C.J.) SPACED AT 24'-0" (MAXIMUM) CENTERS MASONRY CONTROL JOINTS SHALL CONSTRUCTED IN ACCORDANCE WITH DETAIL D/S4.0 & NOTE NO. 6-R ON SHEET SO.2. SEE DETAIL A/S4.0 FOR MORE INFORMATION REGARDING MASONRY CONTROL JOINT (MCJ) LAYOUT. THE CONTRACTOR SHALL COORDINATE MCJ LOCATIONS w/ ARCHITECTURAL DRAWINGS.
24. LETTERS IN HEXAGONS DENOTE GROUTED SOLID, REINFORCED MASONRY (CMU) HEADER BEAMS OVER WALL OPENINGS IN THE MASONRY (CMU) WALLS. "X" IS THE OPENING WIDTH & "Y" IS THE CMU WALL THICKNESS. SEE DETAILS A/S4.0 & B/S4.0 FOR ADDITIONAL INFORMATION. THE REINFORCING STEEL DETAILER SHALL DETAIL ALL MASONRY HEADER BEAMS ON THE REINFORCING STEEL SHOP DRAWINGS. SEE SCHEDULE ON S4.0 FOR MASONRY HEADER REINFORCING.
25. NUMEROUS HVAC AND MECHANICAL WALL OPENINGS AND PENETRATIONS ARE REQUIRED THROUGH CONCRETE (ICF) MASONRY (CMU) WALLS ON THIS PROJECT. THE CONTRACTOR SHALL COORDINATE THE EXACT SIZE AND LOCATION OF ALL WALL OPENINGS BETWEEN MASON AND ALL OTHER TRADES REQUIRING WALL PENETRATIONS. MASON AND ICF CONTRACTOR SHALL CONSTRUCT THE REQUIRED HEADERS IN CMU & ICF WALLS OVER OPENINGS PER DETAILS A/S4.0 & A/S4.2 AND THE HEADER SCHEDULES SHEET S/4.0 & A/S4.2
26. WHERE OPENINGS IN MASONRY AND / OR ICF WALLS ARE INDICATED ON ARCHITECTURAL DRAWINGS AND NOT SHOWN ON THE STRUCTURAL DRAWINGS, PROVIDE A REINFORCED MASONRY HEADER OR A REINFORCED CONCRETE HEADER PER THE APPLICABLE DETAILS REFERENCED HEREIN. HEADER BEAM REINFORCING DETAILS SHALL BE FOR THE OPENING IN THE SCHEDULE THAT IS MOST SIMILAR TO THE OPENING IN QUESTION.
27. PROVIDE STEEL BEARING PLATES PER DETAIL C/S4.1 UNDER ALL OPEN-WEB, STEEL BAR JOISTS BEARING ON MASONRY AND ICF WALLS.
28. PROVIDE BEARING PLATES PER DETAIL A/S4.1 AND SECTION 1/S4.1 FOR ALL STEEL BEAMS INDICATED TO BE SUPPORTED BY MASONRY WALLS OR MASONRY COLUMNS (MC) -RE: B/S4.1 FOR DETAILS REGARDING MASONRY COLUMN (MC) UNDER STEEL BEAM -RE: BEAM SCHEDULE FOR BEARING PLATE SIZE.
29. SEE SECTION 2/S4.1 FOR ADDITIONAL INFORMATION WHERE MASONRY (CMU) WALLS ARE INDICATED TO BE SUPPORTED ON STEEL BEAMS.
30. SEE SECTIONS 3/S4.1 FOR ADDITIONAL INFORMATION WHERE STEEL BEAM IS INDICATED TO BE CONTINUOUS OVER TOP OF A MASONRY COLUMN (MC) OR MASONRY WALL.
31. ALL CMU WALLS (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AS SPECIFIED IN NOTE NOs. 6-P ON SHEET S0.2.
32. PROVIDE ADDITIONAL VERTICAL REINFORCING IN ICF WALLS AT ALL WALL CORNERS AND INTERSECTIONS AS WELL AS THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS -RE: A/S4.4 THRU D/S4.4
    PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
33. PROVIDE ADDITIONAL VERTICAL REINFORCING IN GROUTED SOLID CMU CELLS AT ALL MASONRY WALL CORNERS AND INTERSECTIONS AS WELL AT THE END OF ALL WALLS AND AT ALL WALL OPENING JAMBS PER DETAIL D/S4.1. PROVIDE ADDITIONAL DOWELS OUT OF FOUNDATION TO MATCH EXTRA BARS.
34. PROVIDE BOND BREAKER CONSISTING OF TWO (2) LAYERS OF 15# CONSTRUCTION FELT OR SELF-ADHERED MEMBRANE BOND BREAKER BETWEEN CONCRETE FLOOR SLABS (ON GRADE AND/OR FORM DECK) AND CMU WALLS.
35. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS. DIMENSIONAL DISCREPANCIES SHALL BE RECTIFIED PRIOR TO STARTING CONSTRUCTION.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

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LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

200 - FIELD HOUSE PLANS

JOB NO.	2459
DATE	03/24/2026
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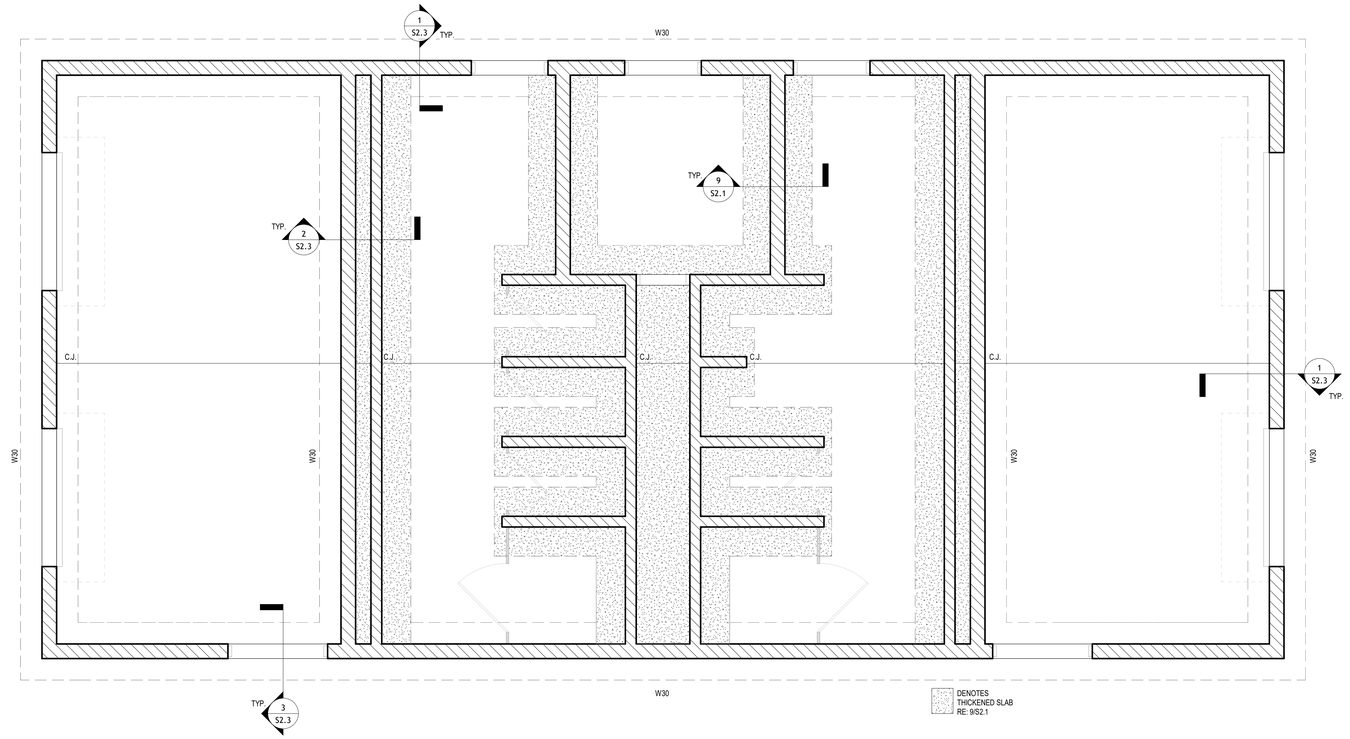
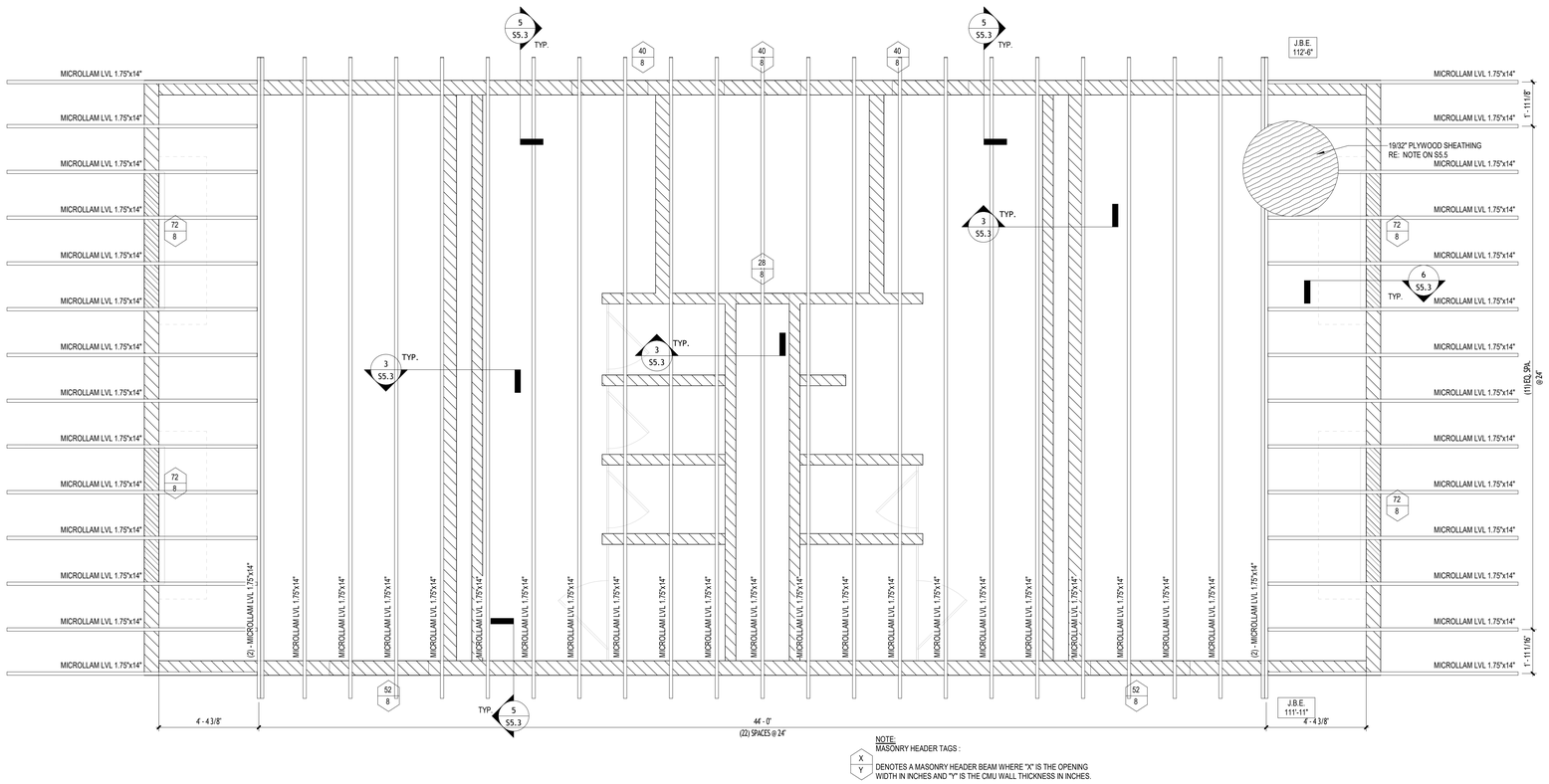
No.	Description	Date

SHEET

S1.2



300 - CONCESSIONS BASEBALL/SOFTBALL
1 FOUNDATION PLANS
3/8" = 1'-0"



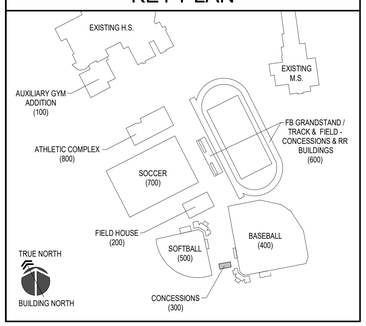
NOTE:
MASONRY HEADER TAGS :

X
Y

DENOTES A MASONRY HEADER BEAM WHERE "X" IS THE OPENING WIDTH IN INCHES AND "Y" IS THE CMU WALL THICKNESS IN INCHES.

300 - CONCESSIONS BASEBALL/SOFTBALL
2 ROOF PLANS
3/8" = 1'-0"

KEY PLAN



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SCOTTSVILLE, KENTUCKY

300 - CONCESSIONS BASEBALL/SOFTBALL PLANS

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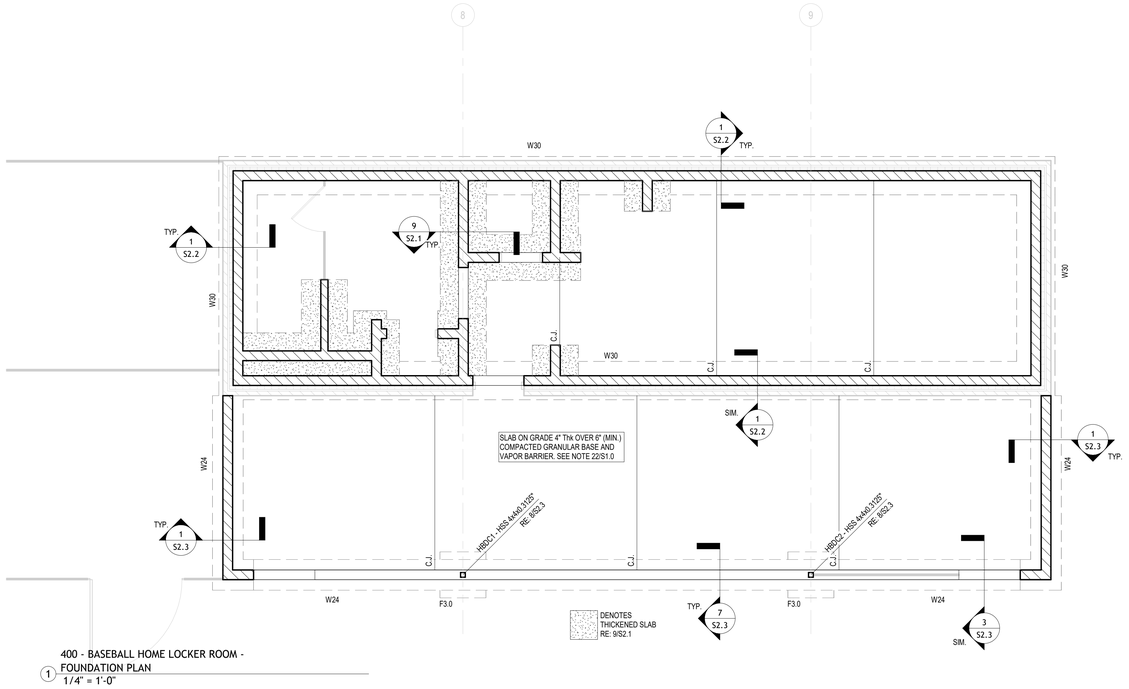
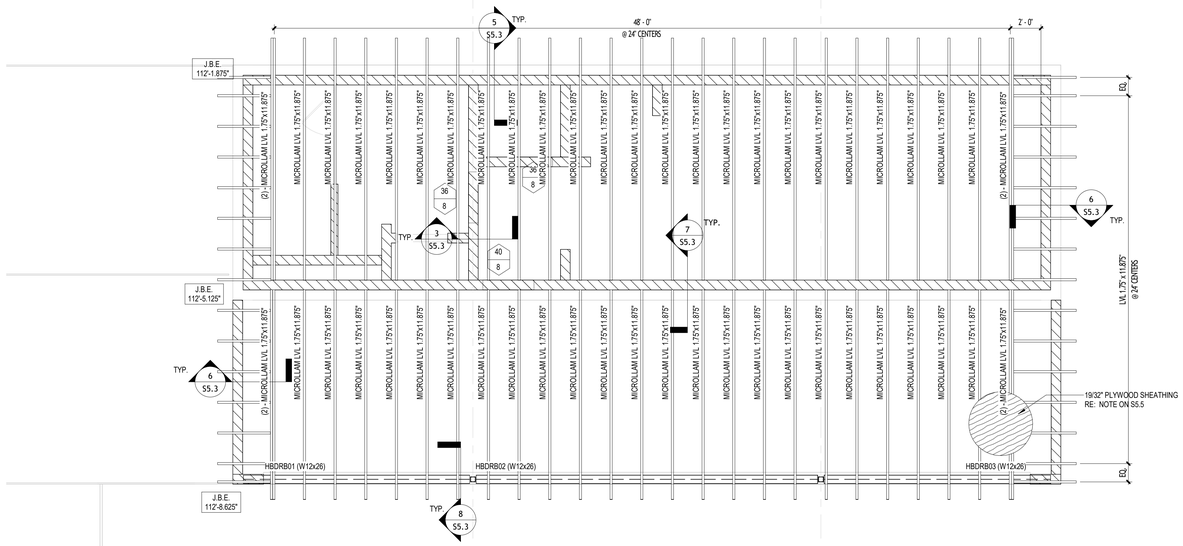
SHEET

S1.3



400 - BASEBALL HOME LOCKER ROOM - FOUNDATION PLAN
1/4" = 1'-0"



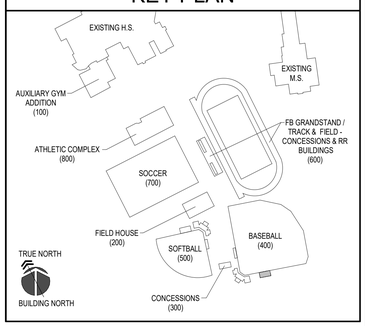
400 - BASEBALL HOME LOCKER ROOM - ROOF PLAN
1/4" = 1'-0"

NOTE:
MASONRY HEADER TAGS :

X
Y

DENOTES A MASONRY HEADER BEAM WHERE "X" IS THE OPENING WIDTH IN INCHES AND "Y" IS THE CMU WALL THICKNESS IN INCHES.

KEY PLAN



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SCOTTSVILLE, KENTUCKY

400 - BASEBALL HOME LOCKER ROOM

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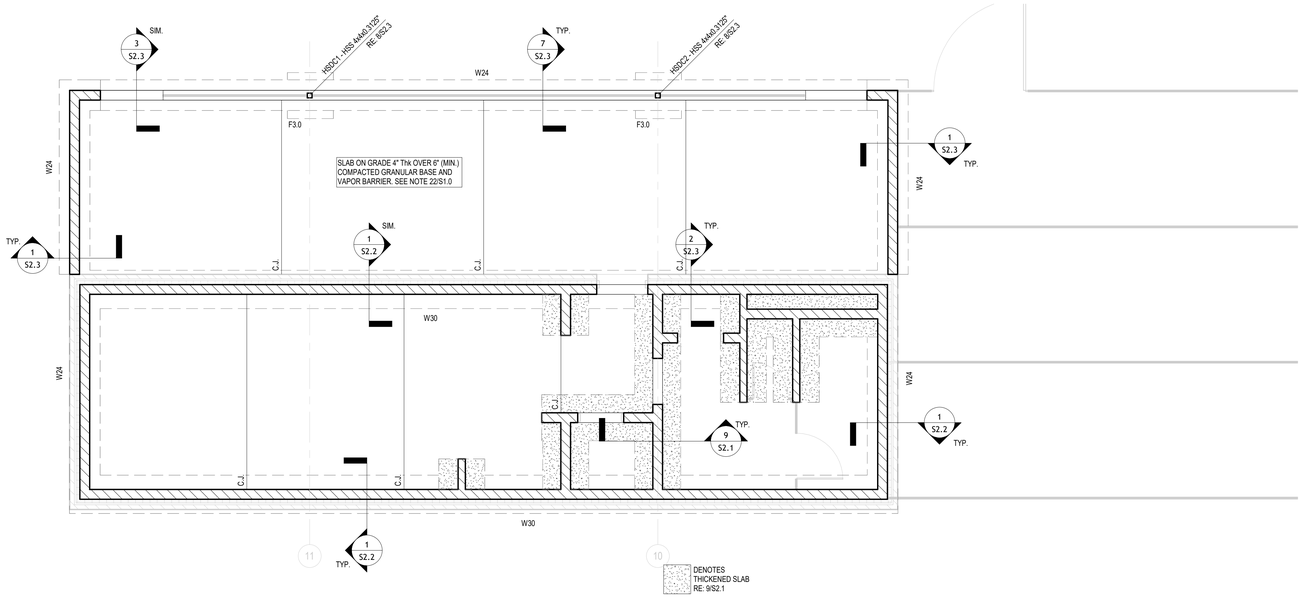
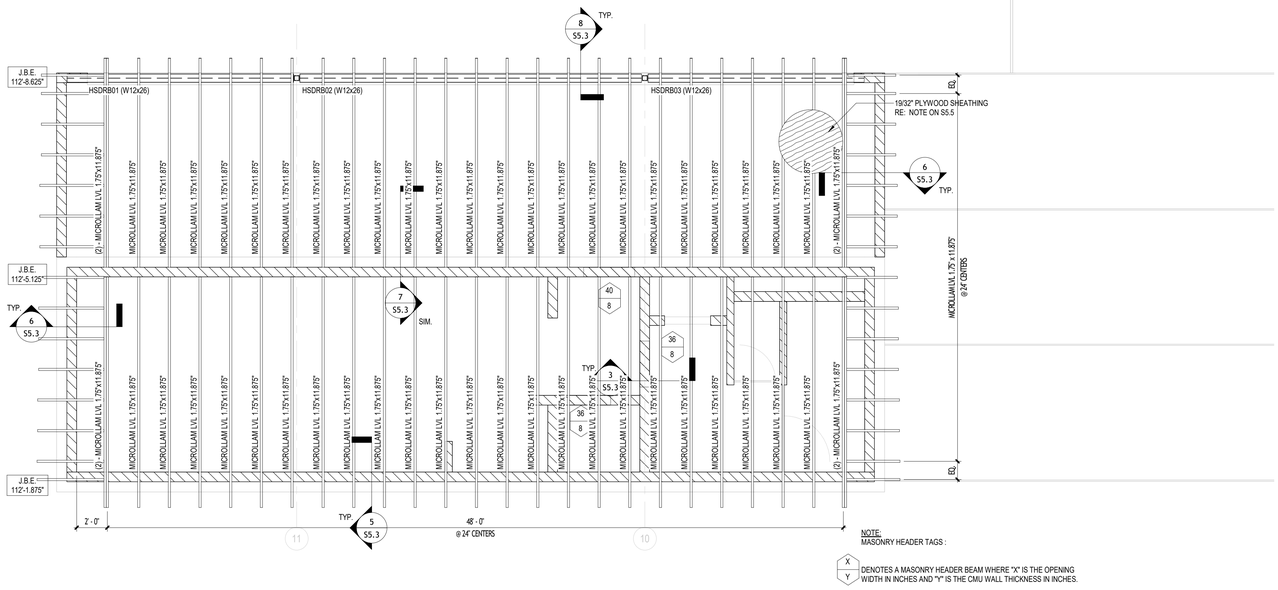
SHEET

S1.4

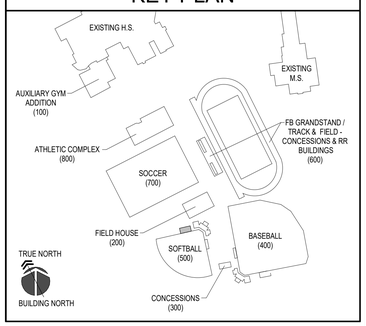


500 - SOFTBALL HOME LOCKER ROOM - FOUNDATION PLAN
1/4" = 1'-0"



500 - SOFTBALL HOME LOCKER ROOM - ROOF PLAN
1/4" = 1'-0"

KEY PLAN



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SCOTTSVILLE, KENTUCKY

500 - SOFTBALL HOME LOCKER ROOM

JOB NO.	2459
DATE	03/24/2026
DRAWN	JNK
CHECKED	WEG

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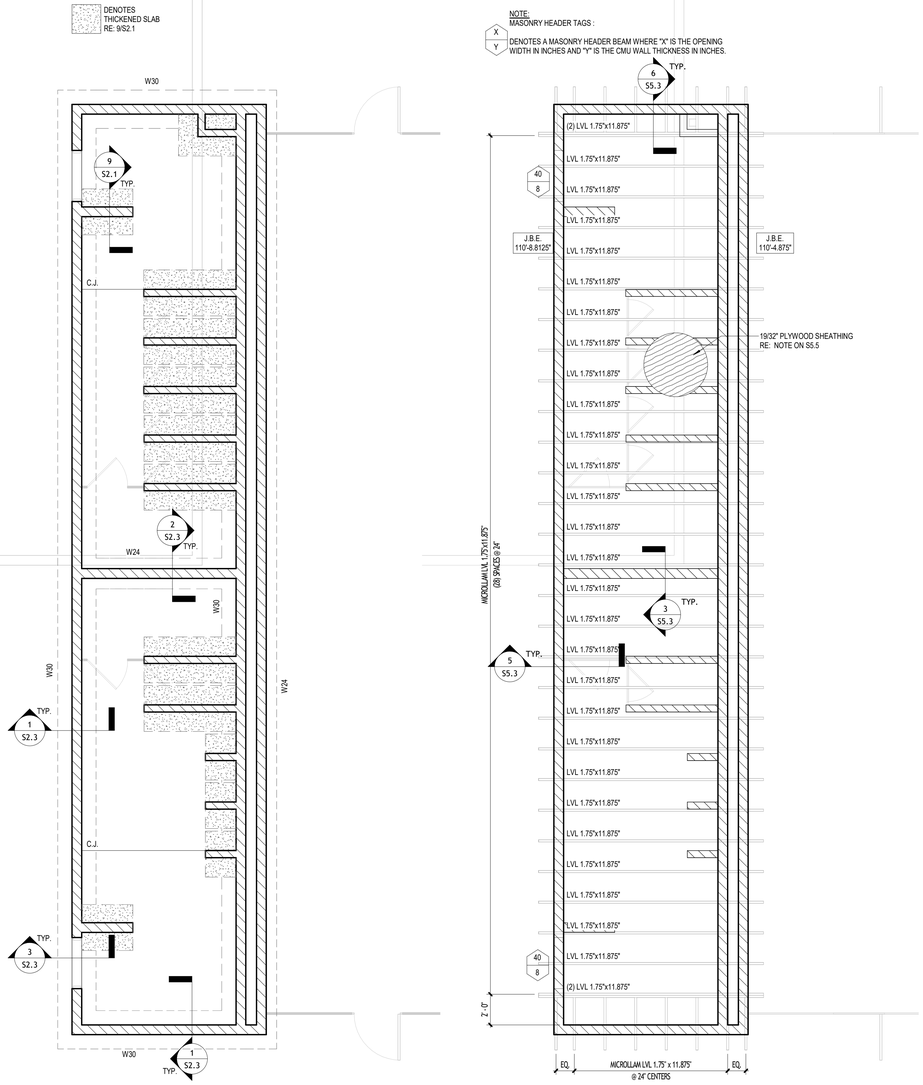
REVISIONS

No.	Description	Date

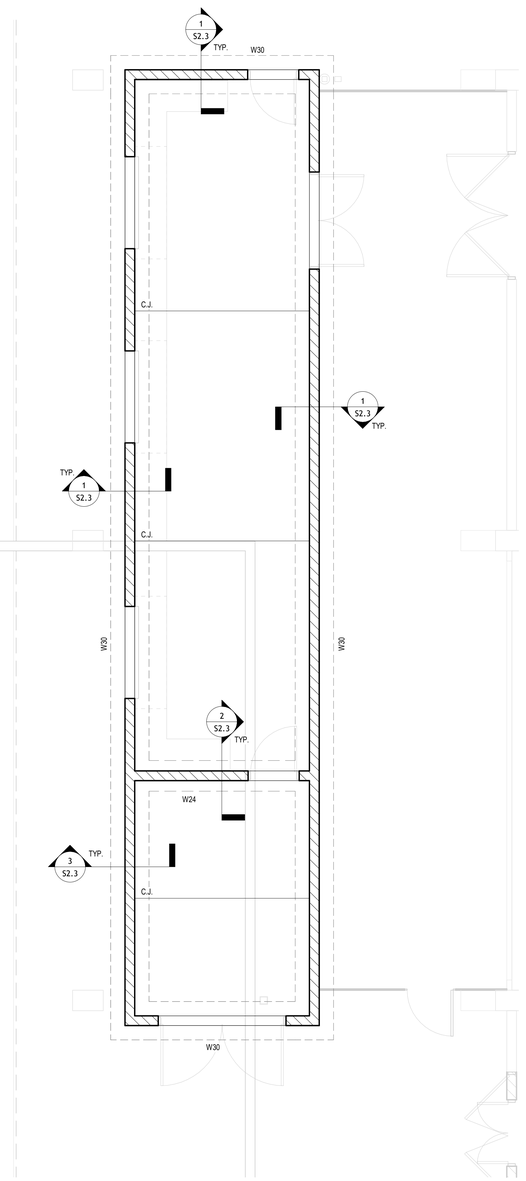
SHEET

S1.5

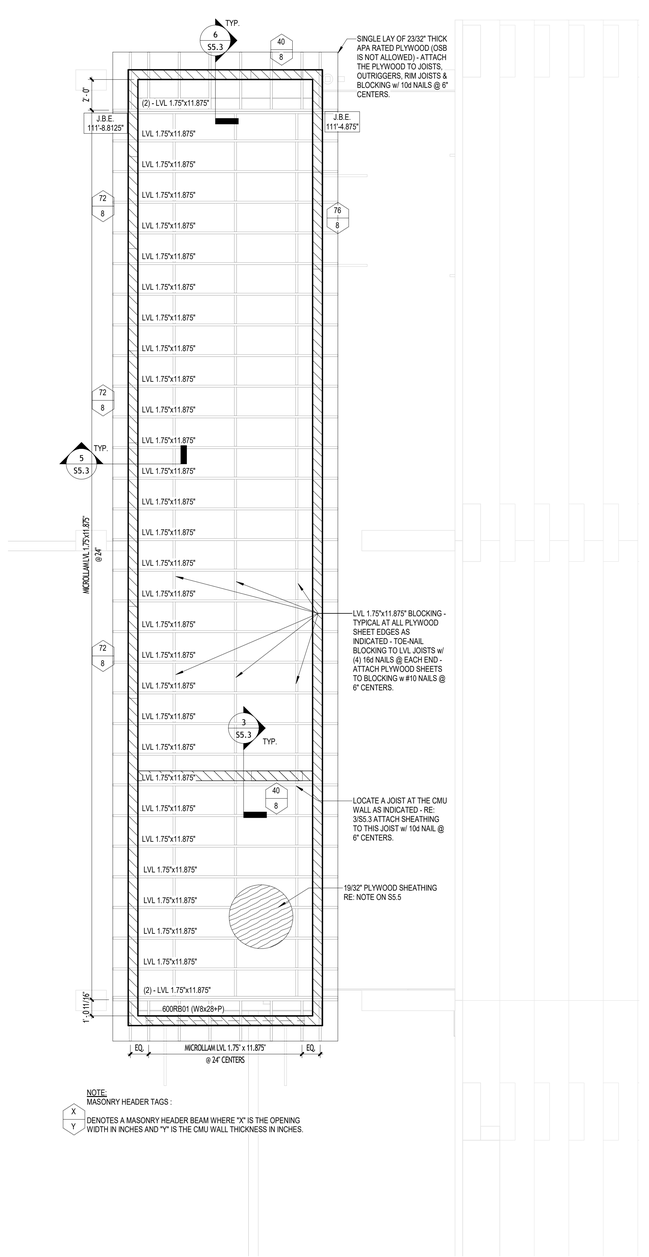


1 600 - RESTROOMS FOUNDATION PLAN
1/4" = 1'-0"

2 600 - RESTROOMS ROOF PLAN
1/4" = 1'-0"



3 600 - CONCESSIONS FOUNDATION PLAN
1/4" = 1'-0"



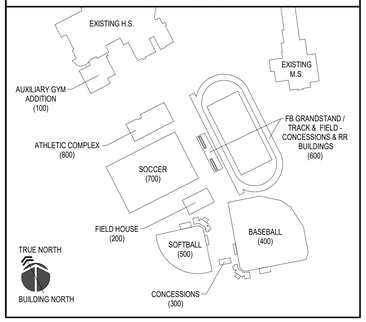
NOTE:
MASONRY HEADER TAGS :

X
Y

DENOTES A MASONRY HEADER BEAM WHERE "X" IS THE OPENING
WIDTH IN INCHES AND "Y" IS THE CMU WALL THICKNESS IN INCHES.

4 600 - CONCESSIONS ROOF PLAN
1/4" = 1'-0"

KEY PLAN



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ARCHITECTS

COMMONWEALTH OF KENTUCKY
WILLIAM E. GROSSBY, JR.
16114
LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

600 - GRANDSTAND PLANS

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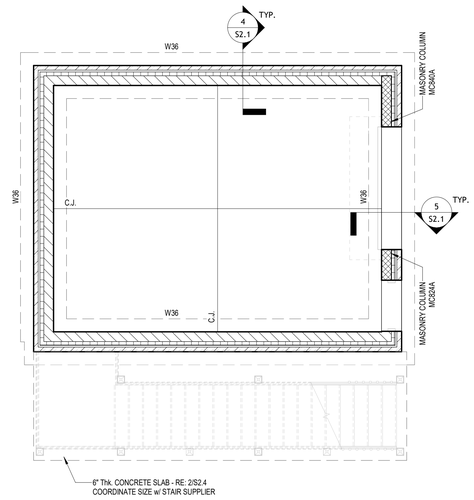
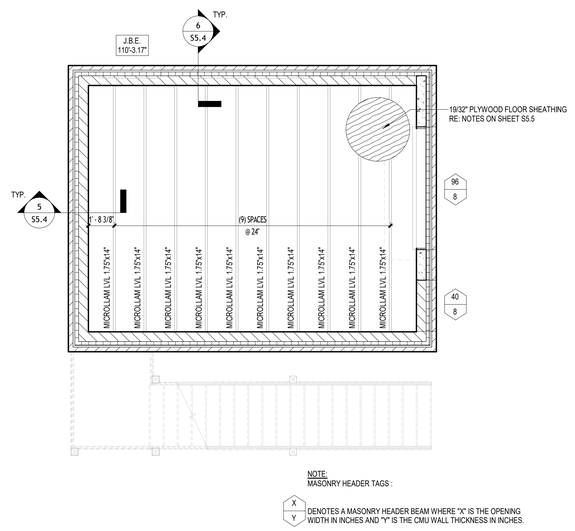
SHEET

S1.6



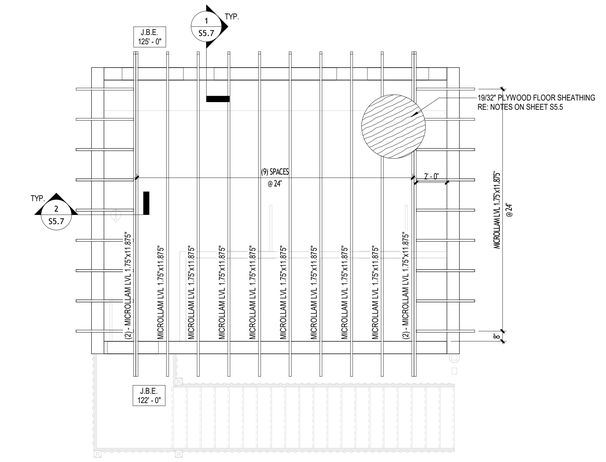
1 700 - PRESS BOX PLAN
1/4" = 1'-0"



NOTE:
MASONRY HEADER TAGS :

X
Y
DENOTES A MASONRY HEADER BEAM WHERE "X" IS THE OPENING WIDTH IN INCHES AND "Y" IS THE CMU WALL THICKNESS IN INCHES.

2 700 - PRESS BOX LEVEL 2 PLAN
1/4" = 1'-0"



3 700 - PRESS BOX ROOF PLAN
1/4" = 1'-0"

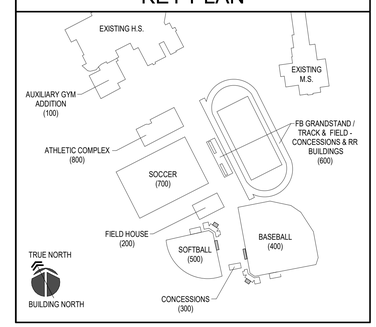
450 - VISITOR'S DUGOUT FOUNDATION PLAN
(2 PLACES)
4 1/4" = 1'-0"

NOTE:
MASONRY HEADER TAGS :

X
Y
DENOTES A MASONRY HEADER BEAM WHERE "X" IS THE OPENING WIDTH IN INCHES AND "Y" IS THE CMU WALL THICKNESS IN INCHES.

450 - VISITOR'S DUGOUT ROOF PLAN
(2 PLACES)
5 1/4" = 1'-0"

KEY PLAN



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COMMONWEALTH OF KENTUCKY
WILLIAM EDWARD GROSSBY, JR.
16114
LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY - SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

700 - MISCELLANEOUS PLANS

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No.	Description	Date

SHEET

S1.7

ISOLATED COLUMN FOOTING SCHEDULE

FOOTING MARK No.	FOOTING SIZE	REINFORCING FOR ONE (1) FOOTING		REMARKS
		TOP BARS	BOTTOM BARS	
F4.0	4'-0"x 4'-0"x 1'-0" Thick	NONE REQUIRED	(5) #5 BARS, E.W.	
F5.0	5'-0"x 5'-0"x 1'-0" Thick	NONE REQUIRED	(6) #6 BARS, E.W.	
F5.5	5'-6"x 5'-6"x 1'-0" Thick	NONE REQUIRED	(6) #6 BARS, E.W.	
F10.0	10'-0"x 10'-0"x 1'-9" Thick	NONE REQUIRED	(11) #7 BARS, E.W.	
F12.0	12'-0"x 12'-0"x 2'-0" Thick	NONE REQUIRED	(14) #7 BARS, E.W.	

NOTES:

1. THE ISOLATED COLUMN FOOTINGS DETAILED IN THIS SCHEDULE ARE BASED THE ALLOWABLE SOIL BEARING PRESSURE (q) SPECIFIED ON S0.1 (REFERENCE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION).

2. "E.W." DENOTES THAT THE SIZE AND QUANTITY OF BARS SPECIFIED ARE TO BE PROVIDE "EACH WAY" IN THE FOOTING.

3. THE "Long" DESIGNATION DENOTES THE THE SIZE AND QUANTITY OF BARS SPECIFIED ARE TO BE PROVIDE IN THE "LONG" DIMENSION OF A RECTANGULAR FOOTING.

4 THE "Short" DESIGNATION DENOTES THE THE SIZE AND QUANTITY OF BARS SPECIFIED ARE TO BE PROVIDE IN THE "SHORT" DIMENSION OF A RECTANGULAR FOOTING.

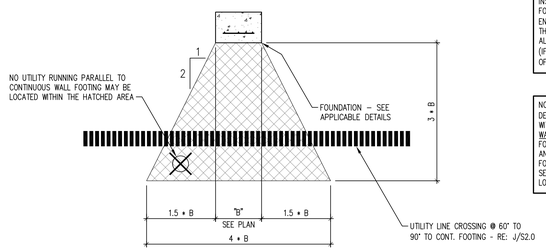
CONTINUOUS WALL FOOTING SCHEDULE

FOOTING MARK No.	FOOTING SIZE	REINFORCING FOR ONE (1) FOOTING		REMARKS
		TOP BARS	BOTTOM BARS	
W24	CONT. 2'-0" Wide x 1'-0" Thick	NONE REQUIRED	(3) CONT. #4 BARS, Longit. #5 BARS @ 12" CTRS., Trans.	
W30	CONT. 2'-6" Wide x 1'-0" Thick	NONE REQUIRED	(3) CONT. #4 BARS, Longit. #5 BARS @ 12" CTRS., Trans.	
W36	CONT. 3'-0" Wide x 1'-0" Thick	NONE REQUIRED	(4) CONT. #5 BARS, Longit. #5 BARS @ 12" CTRS., Trans.	
W42	CONT. 3'-6" Wide x 1'-0" Thick	NONE REQUIRED	(4) CONT. #5 BARS, Longit. #5 BARS @ 12" CTRS., Trans.	
W48	CONT. 4'-0" Wide x 1'-0" Thick	NONE REQUIRED	(5) CONT. #5 BARS, Longit. #5 BARS @ 12" CTRS., Trans.	

NOTES:

THE CONTINUOUS WALL FOOTINGS DETAILED IN THIS SCHEDULE ARE BASED ON THE ALLOWABLE SOIL BEARING PRESSURE (q) SPECIFIED ON S0.1 (REFERENCE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION).

1. FOOTINGS w/ "WXX-*" MARK NUMBERS HAVE BEEN WIDENED TO ACCOMMODATE WALL GEOMETRY (SEE PLAN).



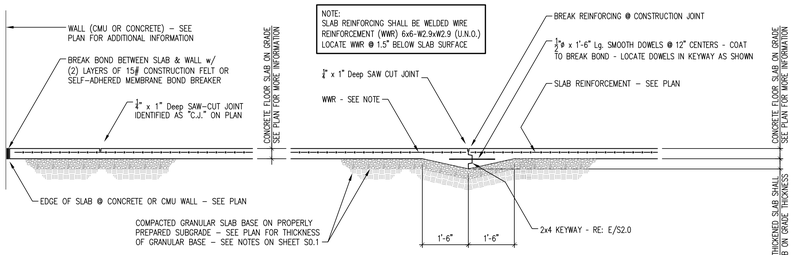
M.E.P. LINE UNDER FOUNDATION WALL / FOOTING

TYPICAL DETAIL - FOUNDATION AT M.E.P. LINES

SCALE: 1/2" = 1'-0" — H S2.0

NOTE:
THE CONTRACTOR SHALL COORDINATE BETWEEN THE CONCRETE INSTALLER AND THE M.E.P. SUB-CONTRACTOR AND LOWER WALL FOOTINGS AS NECESSARY TO ALLOW UNDERGROUND UTILITIES TO ENTER / EXIT THE BUILDING WITH 6" (MIN.) CLEARANCE BETWEEN THE TOP OF FOOTING AND BOTTOM OF UNDERGROUND UTILITY. ALTERNATIVELY, THE UNDERGROUND UTILITY MAY BE LOWERED (IF ACCEPTABLE TO THE M.E.P. ENGINEER) SUCH THAT THE TOP OF CONDUIT / PIPE IS 12" (MIN.) BELOW BOTTOM OF FOOTING.

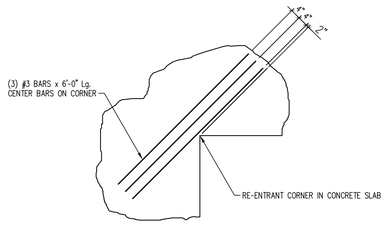
NOTE:
DETAILS J/S2.0 & H/S2.0 PROVIDE INFORMATION FOR DEALING WITH INTERFERENCES BETWEEN UNDERGROUND M.E.P. LINES AND WALL FOOTINGS - M.E.P. LINES MAY NOT RUN UNDER COLUMN FOOTINGS - WHERE INTERFERENCES BETWEEN COLUMN FOOTINGS AND M.E.P. LINES OCCUR, RE-ROUTE UTILITY OR LOWER COLUMN FOOTING TO ALLOW M.E.P. LINE TO PASS OVER TOP OF FOOTING SEE FOUNDATION DETAILS FOR MORE INFORMATION REGARDING LOWER COLUMN FOOTINGS PER THIS NOTE.



TYPICAL SLAB CONTROL JOINT (C.J.) TYPICAL SLAB CONSTRUCTION JOINT (C.J.)

TYPICAL DETAIL - CONCRETE SLAB JOINTS

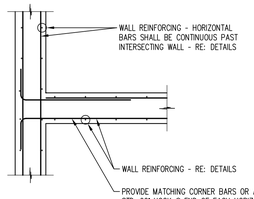
SCALE: 1/2" = 1'-0" — A S2.0



REINFORCING FOR RE-ENTRANT CORNERS IN SLABS

TYPICAL DETAIL

SCALE: 1/2" = 1'-0" — C S2.0

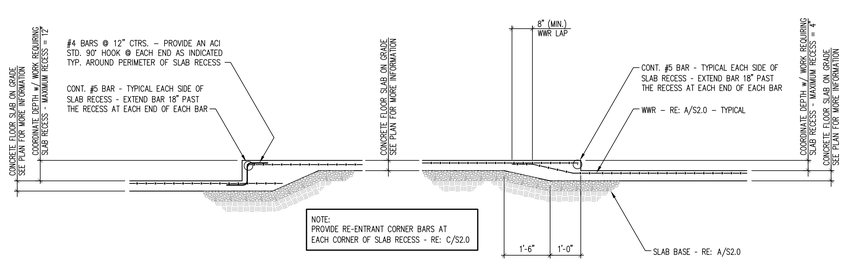


CONCRETE WALL INTERSECTION

CONCRETE WALL CORNER

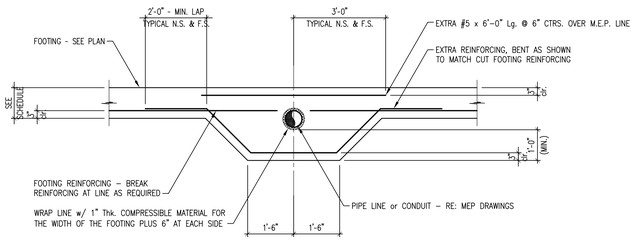
TYPICAL DETAIL - CORNER BARS

SCALE: 1/2" = 1'-0" — D S2.0

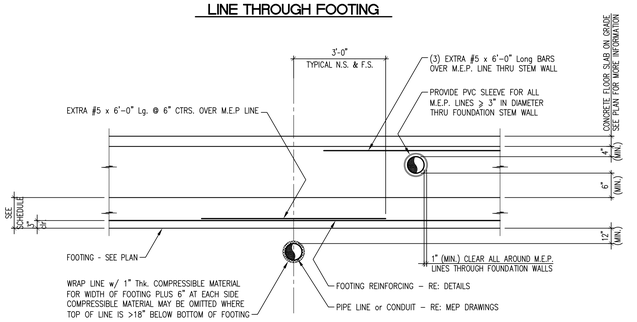


TYPICAL DETAIL - SLAB RECESS

SCALE: 1/2" = 1'-0" — F S2.0



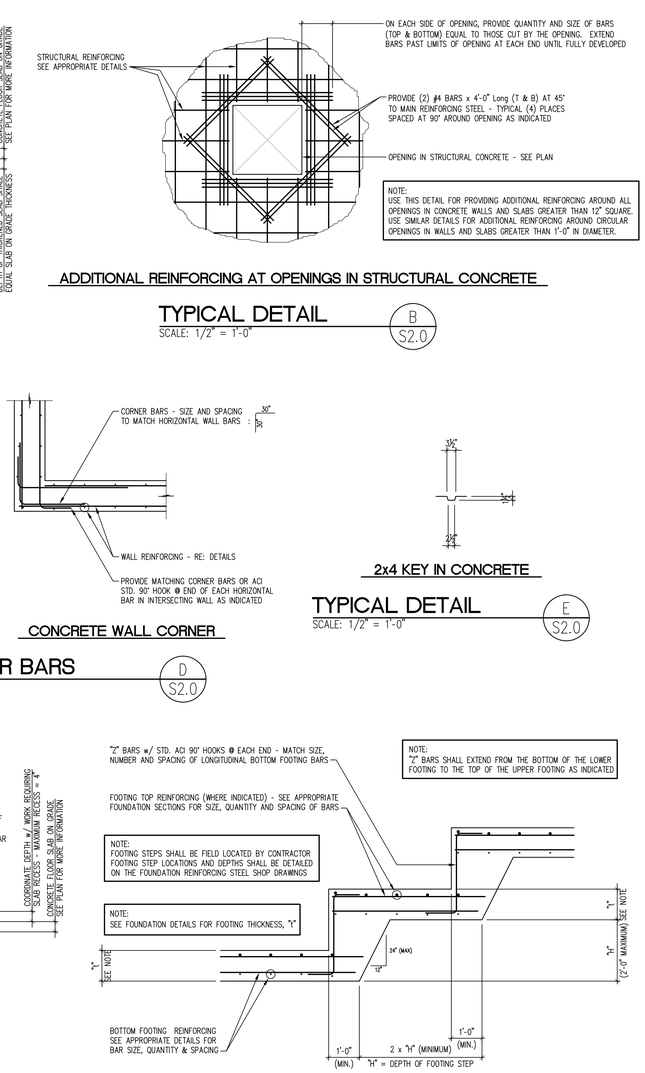
LINE THROUGH FOOTING



M.E.P. LINE UNDER FOUNDATION WALL / FOOTING

TYPICAL DETAIL - FOUNDATION AT M.E.P. LINES

SCALE: 1/2" = 1'-0" — J S2.0



ADDITIONAL REINFORCING AT OPENINGS IN STRUCTURAL CONCRETE

TYPICAL DETAIL

SCALE: 1/2" = 1'-0" — B S2.0

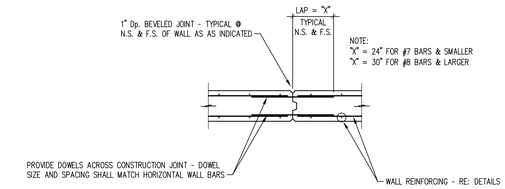
2x4 KEY IN CONCRETE

TYPICAL DETAIL

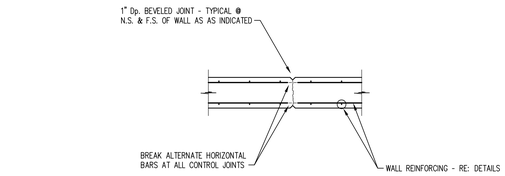
SCALE: 1/2" = 1'-0" — E S2.0

TYPICAL DETAIL - FOOTING STEP

SCALE: 1/2" = 1'-0" — G S2.0



CONSTRUCTION JOINT



CONTROL JOINT

TYPICAL DETAIL - CONCRETE WALL JOINTS

SCALE: 1/2" = 1'-0" — K S2.0

NOTE:
INFORMATION AND DETAILS CONTAINED ON THIS SHEET ARE OFFICE STANDARDS - ALL MAY NOT APPLY TO THIS PROJECT

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY
WILLIAM EDWARD GREGORY JR.
16114
LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY SCHOOLS
SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

TYPICAL CONCRETE DETAILS + FOUNDATION SCHEDULES

JOB NO.	2459
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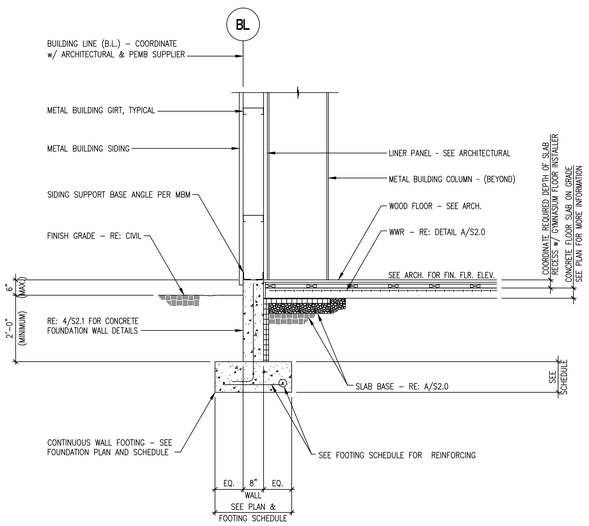
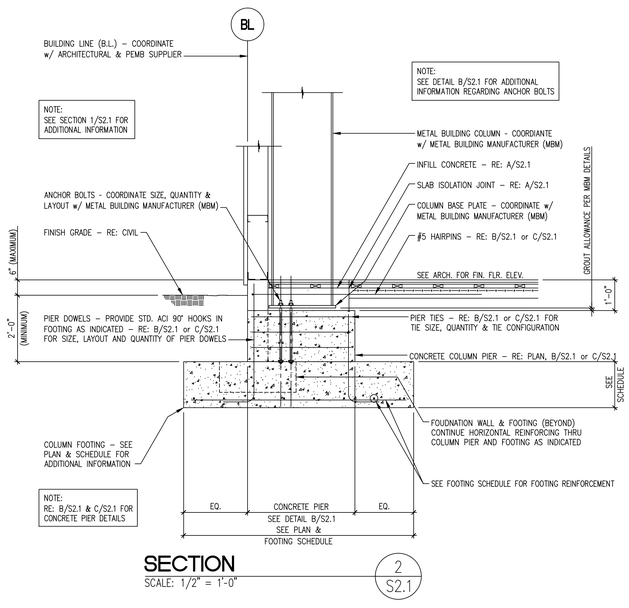
S2.0



SECTION 1 S2.1
SCALE: 1/2" = 1'-0"



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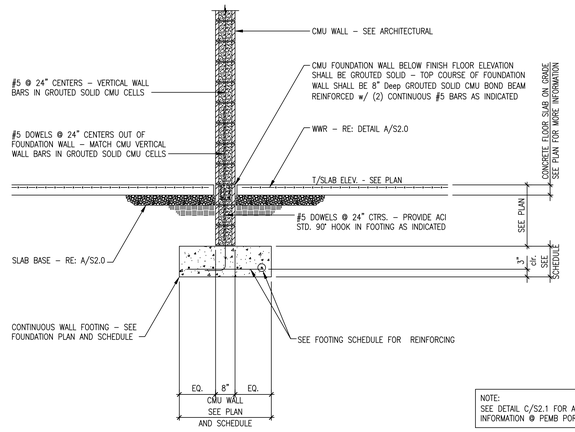
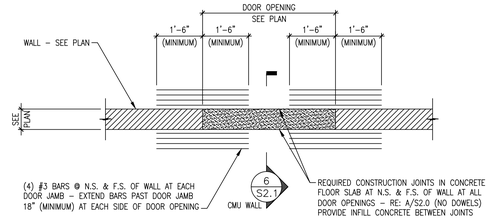
SCALE: 1/2" = 1'-0"

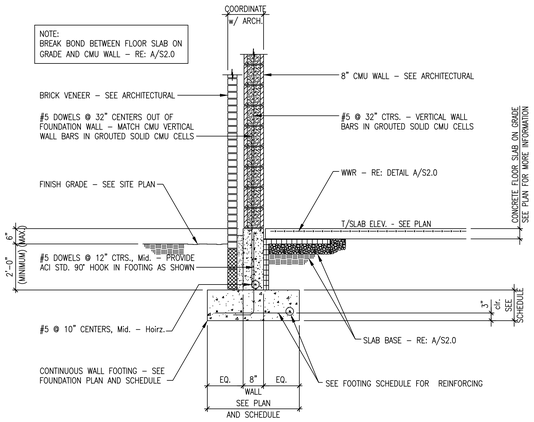


SECTION 3 S2.1
SCALE: 1/2" = 1'-0"

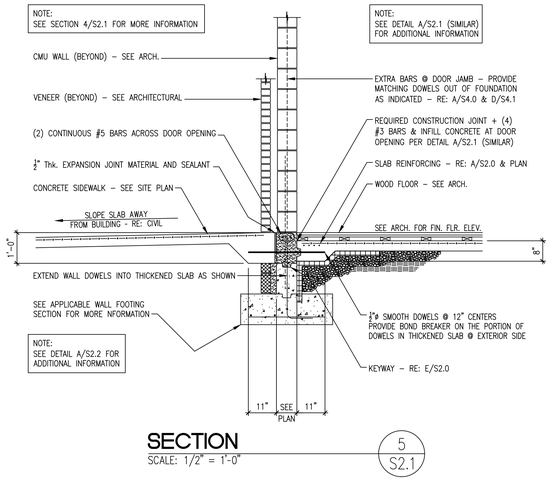
NOTE: WHERE DOOR OPENING IS 3'-0" Wd. OR LESS, (4) CONT. #3 BARS SHALL BE PROVIDED AT EACH SIDE OF WALL



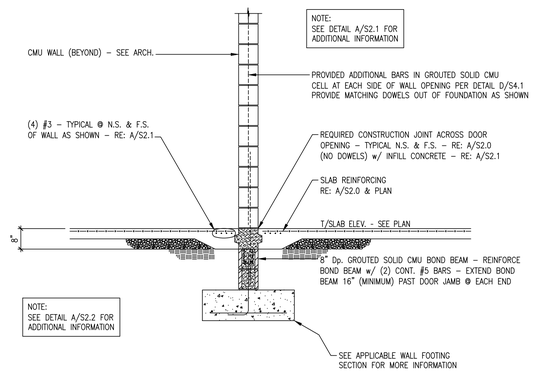
DETAIL A S2.1
SCALE: 1/2" = 1'-0"



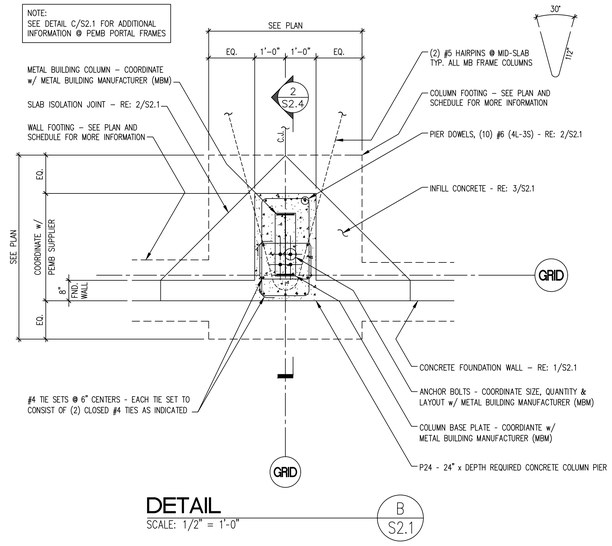
SECTION 4 S2.1
SCALE: 1/2" = 1'-0"



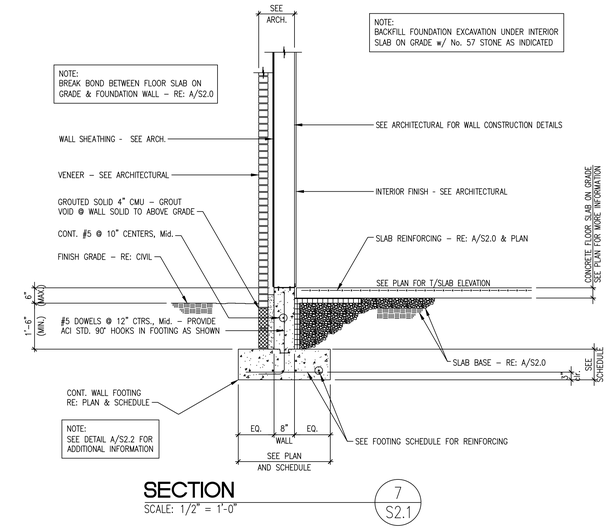
SECTION 5 S2.1
SCALE: 1/2" = 1'-0"



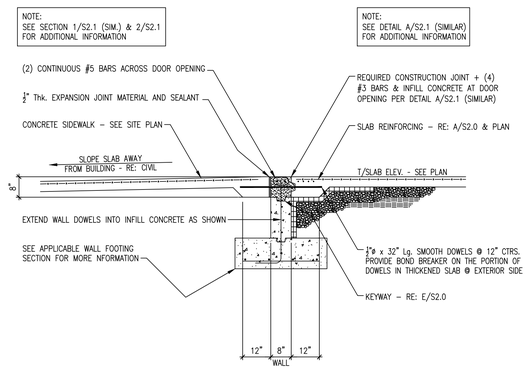
SECTION 6 S2.1
SCALE: 1/2" = 1'-0"



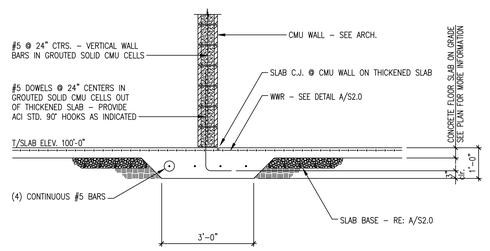
DETAIL B S2.1
SCALE: 1/2" = 1'-0"



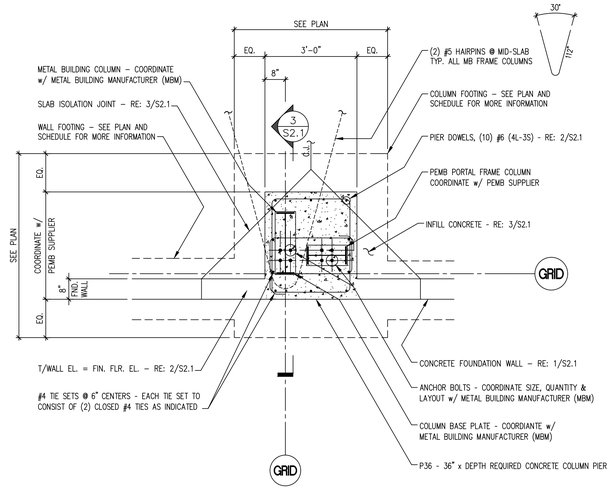
SECTION 7 S2.1
SCALE: 1/2" = 1'-0"



SECTION 8 S2.1
SCALE: 1/2" = 1'-0"



SECTION 9 S2.1
SCALE: 3/4" = 1'-0"



DETAIL C S2.1
SCALE: 1/2" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER WILLIAM GREGORY GRIGGS JR. 19114

AUXILIARY GYMNASIUM
ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FOUNDATION SECTIONS and DETAILS

JOB NO.	2459
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DRAWN	griggs
CHECKED	WEG

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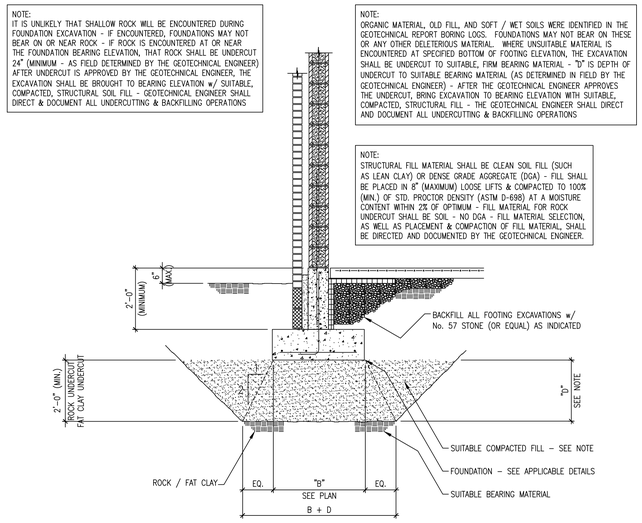
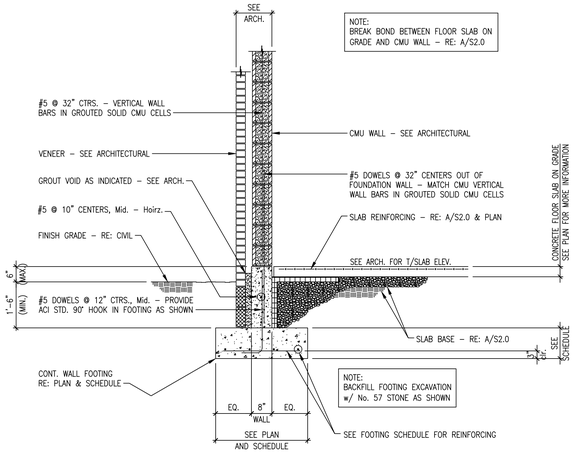
SHEET
S2.1



FOUNDATION UNDERCUT

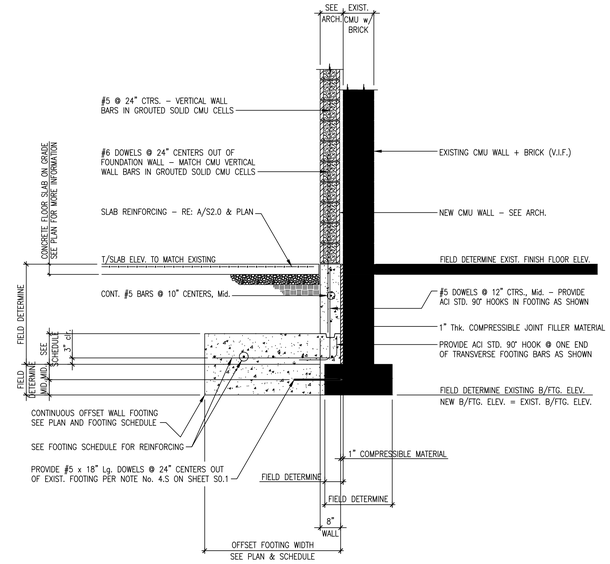
TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

A S2.2



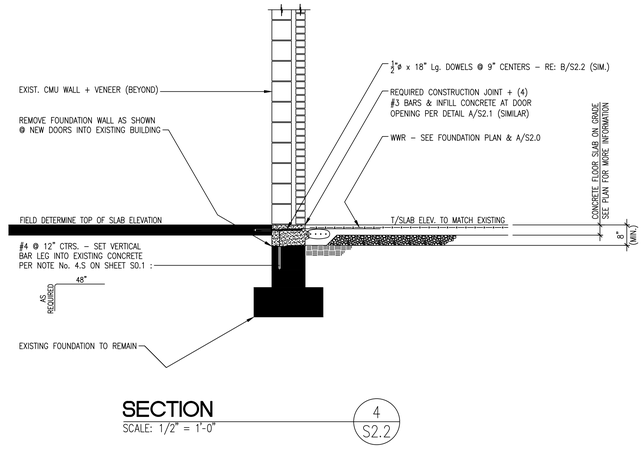
SECTION
SCALE: 1/2" = 1'-0"

1 S2.2



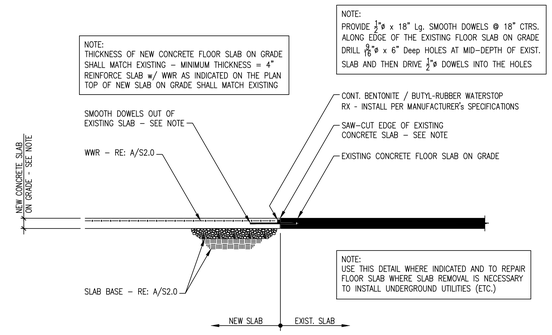
SECTION
SCALE: 1/2" = 1'-0"

2 S2.2



SECTION
SCALE: 1/2" = 1'-0"

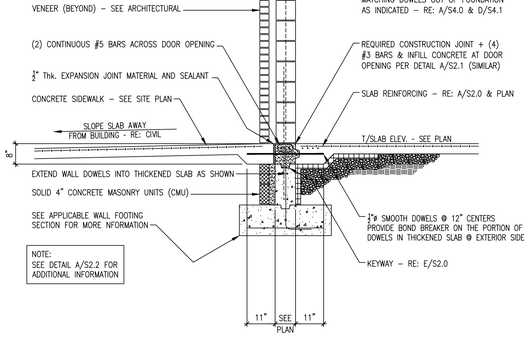
4 S2.2



SLAB REPAIR DETAIL

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

B S2.2



SECTION
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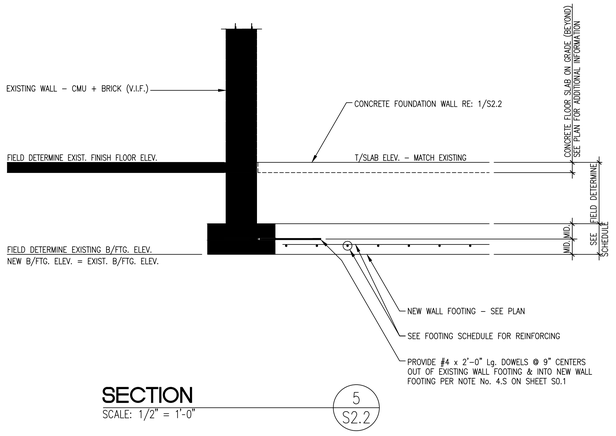
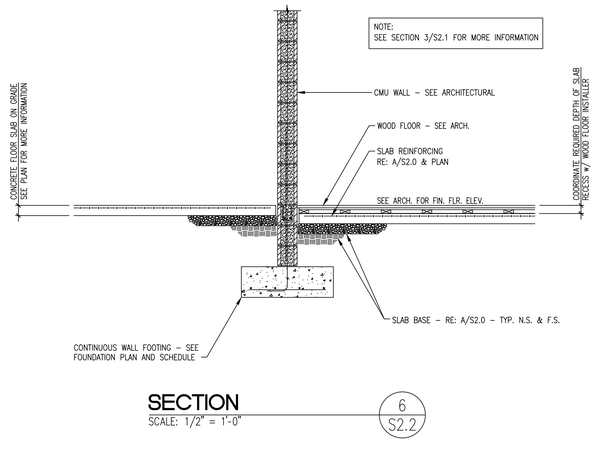
3 S2.2



SECTION
SCALE: 1/2" = 1'-0"

5 S2.2



SECTION
SCALE: 1/2" = 1'-0"

6 S2.2

METAL BUILDING COLUMN LOAD SCHEDULE

MB MARK No.	ROOF	COLLATERAL	UPLIFT	THRUST (*)	REMARKS
A1-1 + A1-7 + H-1 + H-7	6.5 kips - L 6.5 kips - D	2.2 kips - C	12.9 kips (ULTIMATE)	21.0 kips (SERVICE)	
B-1, C-1, D-1, E-1, F-1 + G-1	43.6 kips - L 43.6 kips - D	14.5 kips - C	87.2 kips (ULTIMATE)	68.0 kips (SERVICE)	
B-7, C-7 D-7, E-7, F-7 + G-7	43.1 kips - L 43.1 kips - D	14.5 kips - C	87.2 kips (ULTIMATE)	68.0 kips (SERVICE)	
A-3 thur A-5	21.0 kips - L 21.0 kips - D	7.0 kips - C	31.4 kips (ULTIMATE)	N/A kips (SERVICE)	WIND COLUMN - NORTH
H1-3 thru H1-5	21.0 kips - L 21.0 kips - D	7.0 kips - C	31.4 kips (ULTIMATE)	N/A kips (SERVICE)	WIND COLUMN - SSOUTH
	kips - L kips - D	kips - C	kips (ULTIMATE)	kips (SERVICE)	
	kips - L kips - D	kips - C	kips (ULTIMATE)	kips (SERVICE)	
	kips - L kips - D	kips - C	kips (ULTIMATE)	kips (SERVICE)	
	kips - L kips - D	kips - C	kips (ULTIMATE)	kips (SERVICE)	
	kips - L kips - D	kips - C	kips (ULTIMATE)	kips (SERVICE)	

NOTES:

1. FOUNDATIONS HAVE BEEN DESIGNED FOR SERVICE LEVEL LOADS INDICATED IN THIS SCHEDULE. NO COLUMN BASE MOMENTS WERE CONSIDERED IN THE FOUNDATION DESIGN AND NONE ARE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
2. DRAWINGS SHALL CLEARLY INDICATE COLUMN BASE REACTIONS FOR ALL CODE REQUIRED LOAD COMBINATIONS. THE SUBMITTAL SHALL ALSO INCLUDE AN OVERALL PLAN SHOWING THE WORST CASE COLUMN SERVICE LEVEL REACTION AT EACH COLUMN, CALCULATED FROM THE CONTROLLING LOAD COMBINATION. CONSTRUCTION OF THE FOUNDATIONS SHALL NOT BEGIN UNTIL THE STRUCTURAL ENGINEER HAS REVIEWED COLUMN BASE REACTIONS AND VERIFIED THE FOUNDATION DESIGN. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN REJECTION OF THE SUBMITTAL.
3. X-BRACING LOCATIONS MUST BE COORDINATED w/ THE ARCHITECT TO ENSURE CLEAR ACCESS. LATERAL LOADS (WIND & SEISMIC) WILL BE RESISTED BY THE BUILDING LATERAL FORCE RESISTING SYSTEM. PORTAL FRAME LOCATIONS ARE NOT SHOWN ON THE PLANS. IF THE PEMB ENGINEER DECIDES TO UTILIZE PORTAL FRAMES, THE LOCATION OF THOSE FRAMES SHALL BE INDICATED ON THE PEMB SUBMITTAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL PORTAL FRAME REQUIREMENTS BETWEEN THE METAL BUILDING MANUFACTURER (MBM) AND THE ARCHITECT - RE: C/S2.1
4. LIVE, DEAD & COLLATERAL LOADS ARE SERVICE LEVEL LOADS.
5. METAL BUILDING DESIGNER IS RESPONSIBLE FOR CALCULATING SEISMIC LOAD DUE TO METAL BUILDING WEIGHT.
6. METAL BUILDING DESIGNER IS RESPONSIBLE FOR CALCULATING WIND LOAD ON THE BUILDING
7. (*) THE LOAD COMBINATION USED TO CALCULATE THE COLUMN "THRUST" IS ASCE 7-10 ASD COMBINATION DL + 0.75 LL + 0.45W.
8. UPLIFT INDICATED IS TOTAL UPLIFT. THE OVERALL PLAN SHOWING SERVICE LEVEL COLUMN REACTIONS SHALL GIVE THE NET UPLIFT.

SHERMAN CARTER BARNHART ARCHITECTS
WILLIAM GIBSON JR. 19114 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF KENTUCKY

AUXILIARY GYMNASIUM

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION
FOUNDATION SECTIONS and DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	grigas
CHECKED	WEG

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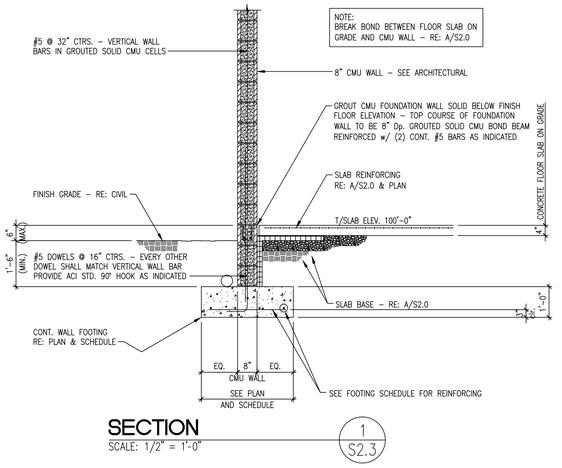
REVISIONS

No.	Description	Date

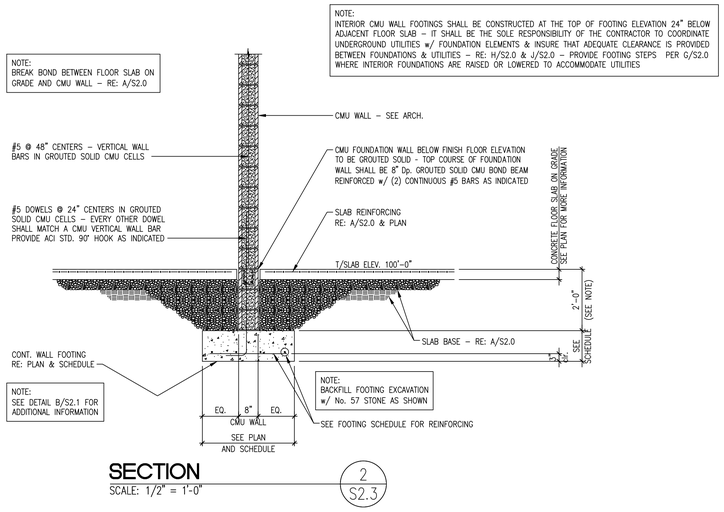
SHEET

S2.2



SECTION
SCALE: 1/2" = 1'-0"

1 S2.3



SECTION
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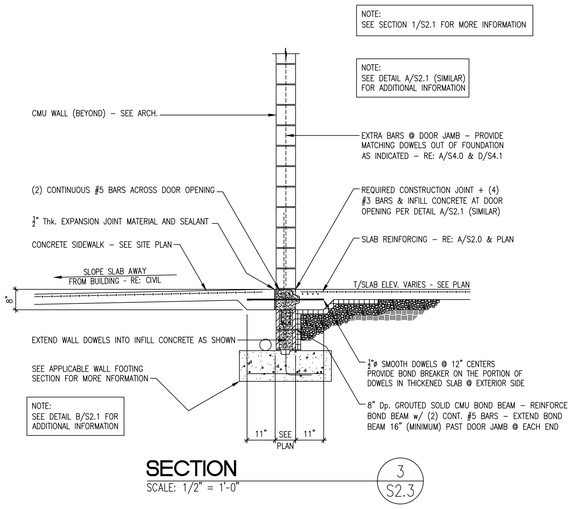
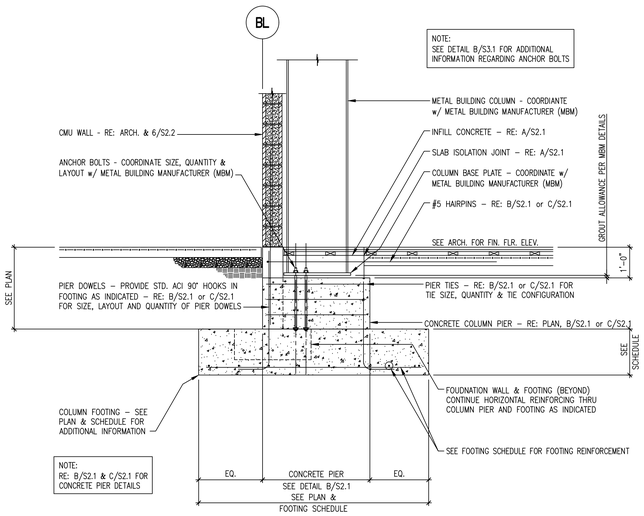
2 S2.3



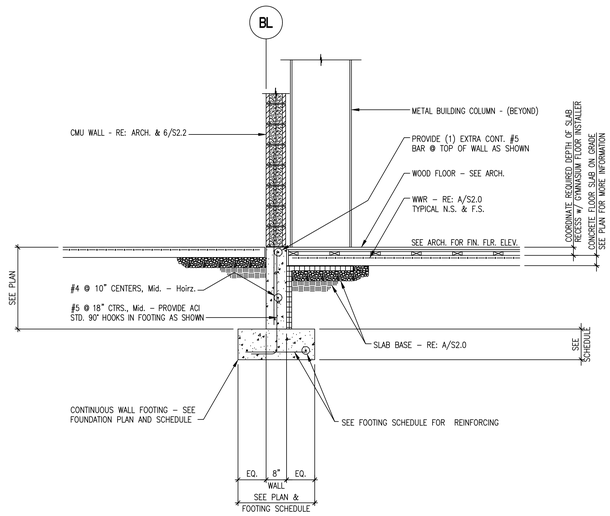
SECTION
SCALE: 1/2" = 1'-0"

3 S2.3



SECTION
SCALE: 1/2" = 1'-0"

4 S2.3



SECTION
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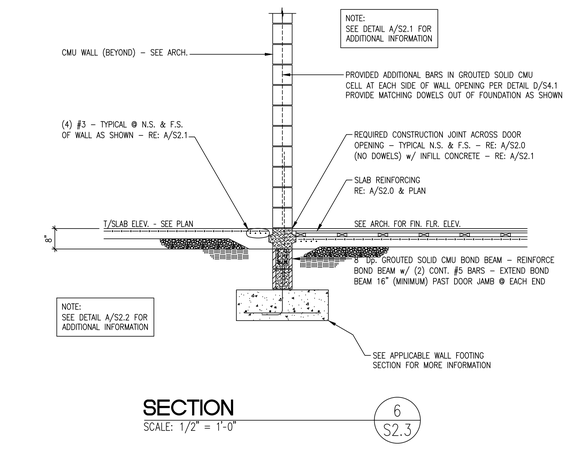
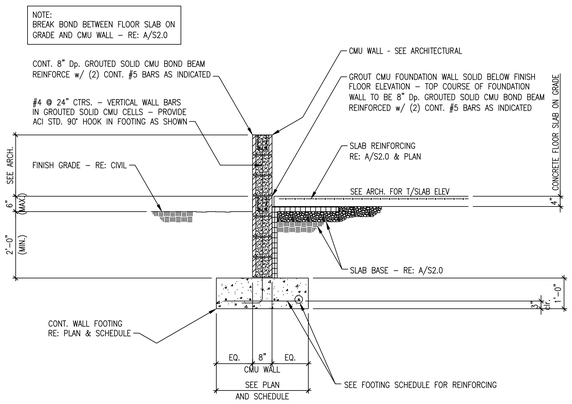
5 S2.3



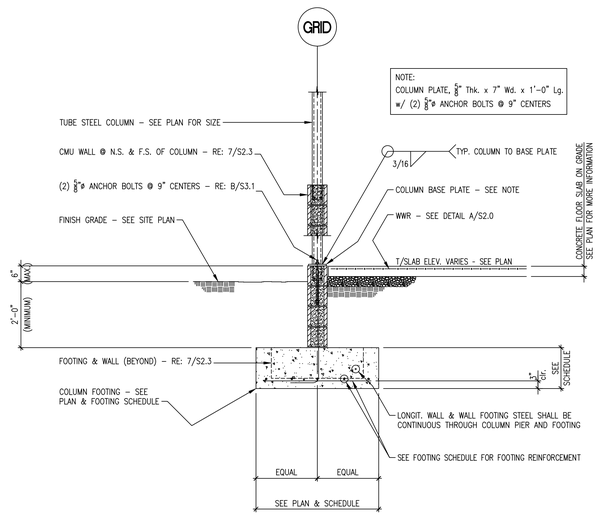
SECTION
SCALE: 1/2" = 1'-0"

6 S2.3



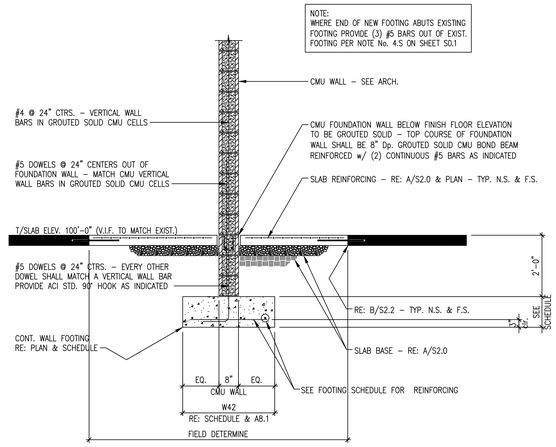
SECTION
SCALE: 1/2" = 1'-0"

7 S2.3



SECTION
SCALE: 1/2" = 1'-0"

8 S2.3



NEW CMU WALL IN EXISTING BUILDING 800

SECTION
SCALE: 1/2" = 1'-0"

9 S2.3

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER
WILLIAM GIBSON JR.
19114
10/24/2025

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

VARIOUS BUILDINGS FOUNDATION SECTIONS and DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	grigas
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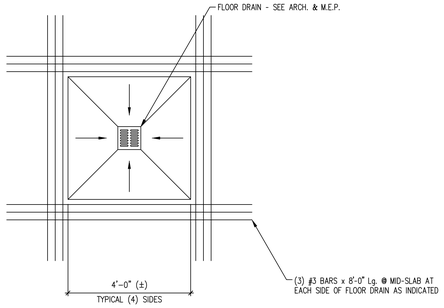
SHEET

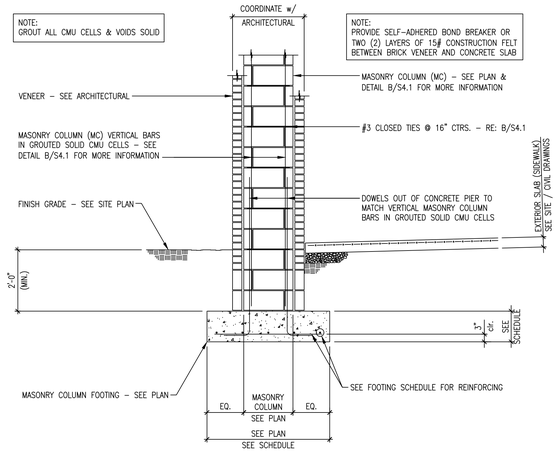
S2.3



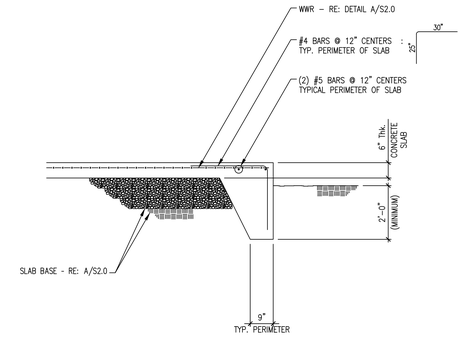
NOTE:
WHERE INDICATED ON THE ARCHITECTURAL AND / OR M.E.P. DRAWINGS, SET FLOOR DRAINS ½" (±) BELOW TOP OF FLOOR SLAB & SLOPE SLAB TO THE DRAIN PER THIS DETAIL.

FLOOR DRAIN

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
A S2.4



SECTION
SCALE: 1/2" = 1'-0"
1 S2.4

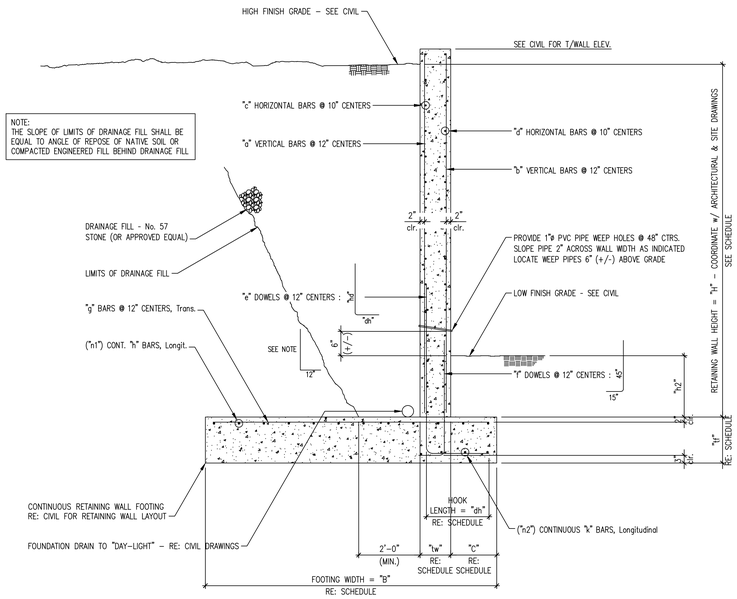


SECTION
SCALE: 1/2" = 1'-0"
2 S2.4

RETAINING WALL SCHEDULE

CONCRETE WALL HEIGHT "H"	MASONRY WALL HEIGHT "H"	FOOTING WIDTH "B"	WALL THICKNESS "tw"	FOOTING THICKNESS "tf"	"C"	"h2"	REINFORCING BAR DETAILS												REMARKS
							"a"	"b"	"c"	"d"	"e"	"f"	"g"	"h"	"n1"	"k"	"n2"	"hd"	"dh"	
0' to 4'-0"		3'-3"	8"	12"	12"	36"	#4	-	#4	-	#4	-	#4	#5	4	#4	3	30"	15"	
5'-0"		3'-6"	8"	12"	12"	36"	#4	-	#4	-	#4	-	#4	#5	4	#4	3	30"	15"	
6'-0"		4'-0"	8"	12"	12"	36"	#5	-	#4	-	#5	-	#5	#4	5	#5	3	33"	15"	
7'-0"		4'-6"	8"	12"	12"	36"	#5	-	#4	-	#5	-	#5	#5	5	#5	3	33"	15"	
8'-0"		5'-0"	10"	14"	12"	36"	#5	-	#5	-	#6	-	#5	#5	6	#5	3	39"	17"	
10'-0"		6'-0"	12"	14"	15"	36"	#5	#4	#4	#4	#6	#4	#6	#6	7	#6	3	39"	19"	
12'-0"		6'-6"	12"	15"	15"	36"	#6	#4	#4	#4	#6	#4	#6	#6	7	#6	3	39"	19"	
14'-0"		7'-0"	12"	15"	15"	36"	#7	#4	#4	#4	#7	#4	#6	#6	7	#6	3	39"	19"	
14'-0"		7'-6"	14"	15"	18"	36"	#8	#4	#4	#4	#8	#4	#6	#6	8	#6	4	42"	24"	

NOTES:
1. THIS RETAINING WALL SCHEDULE IS BASED ON THE TABLES CONTAINED IN THE "CONCRETE REINFORCING STEEL INSTITUTE (CRSI) HANDBOOK (1996 EDITION), CHAPTER 14 - CANTILEVERED RETAINING WALLS".
2. THE RETAINING WALL DETAILED IN THIS SCHEDULE ASSUMES A SURCHARGE OF 200 psf ON THE BACKFILL AT THE UPPER GRADE.
3. THE RETAINING WALL DETAILED IN THIS SCHEDULE ASSUMES LEVEL BACKFILL AT THE UPPER and LOWER GRADES.
4. THE DESIGN OF THIS RETAINING WALL ASSUMES DRAINED, GRANULAR BACKFILL. THE No. 57 STONE DRAINAGE FILL AND WEEP HOLES MUST BE PROPERLY PLACED TO ENSURE THE CONTINUED STABILITY OF THE RETAINING WALLS.
5. PER THE GEOTECHNICAL REPORT, THIS RETAINING WALL WAS DESIGNED USING AN "EQUIVALENT FLUID WEIGHT" OF 40 POUNDS PER CUBIC FOOT (pcf). THIS EQUIVALENT FLUID WEIGHT WAS CALCULATED BASED ON THE FOLLOWING CRITERIA:
   DENISTY OF GRANULAR BACKFILL (GAMMA) = 120 pcf (GEOTECHNICAL ENGINEER TO VERIFY)
   COEFFICIENT OF AT-REST LATERAL EARTH PRESSURE (Ko) = 0.3333 (CALCULATED)
6. BACKFILL AT THE LOW GRADE SHALL BE PLACED AND COMPACTED PRIOR TO PLACEMENT AND COMPACTION OF BACKFILL AT THE HIGH GRADE. BACKFILL SHALL BE PLACED AND COMPACTED IN EIGHT-INCH (8") MAXIMUM LIFTS TO A MINIMUM DENSITY OF 95% IN ACCORDANCE WITH ASTM D698 (STANDARD PROCTOR) AT A MOISTURE CONTENT WITHIN 2% OF OPTIMUM.
7. RETAINING WALLS HAVE BEEN DETAILED IN THIS SCHEDULE BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2,000 psf (PER GEOTECHNICAL REPORT).
8. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE RETAINING WALLS - f'c = 4,000 psi / MINIMUMPREISM STRENGTH FOR MASONRY RETAINING WALLS - f'm = 2,000 psi
9. AT CONTRACTOR's OPTION, THE VERTICAL WALL BARS (a) MAY BE ELIMINATED AND THE DOWELS OUT OF THE FOOTING (e) EXTENDED TO THE TOP OF THE WALL.



CONCRETE RETAINING WALL

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
B S2.2

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER WILLIAM E. GIBSON JR. 19114 TENNESSEE REGISTERED

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

VARIOUS BUILDINGS FOUNDATION SECTIONS and DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	grjggs
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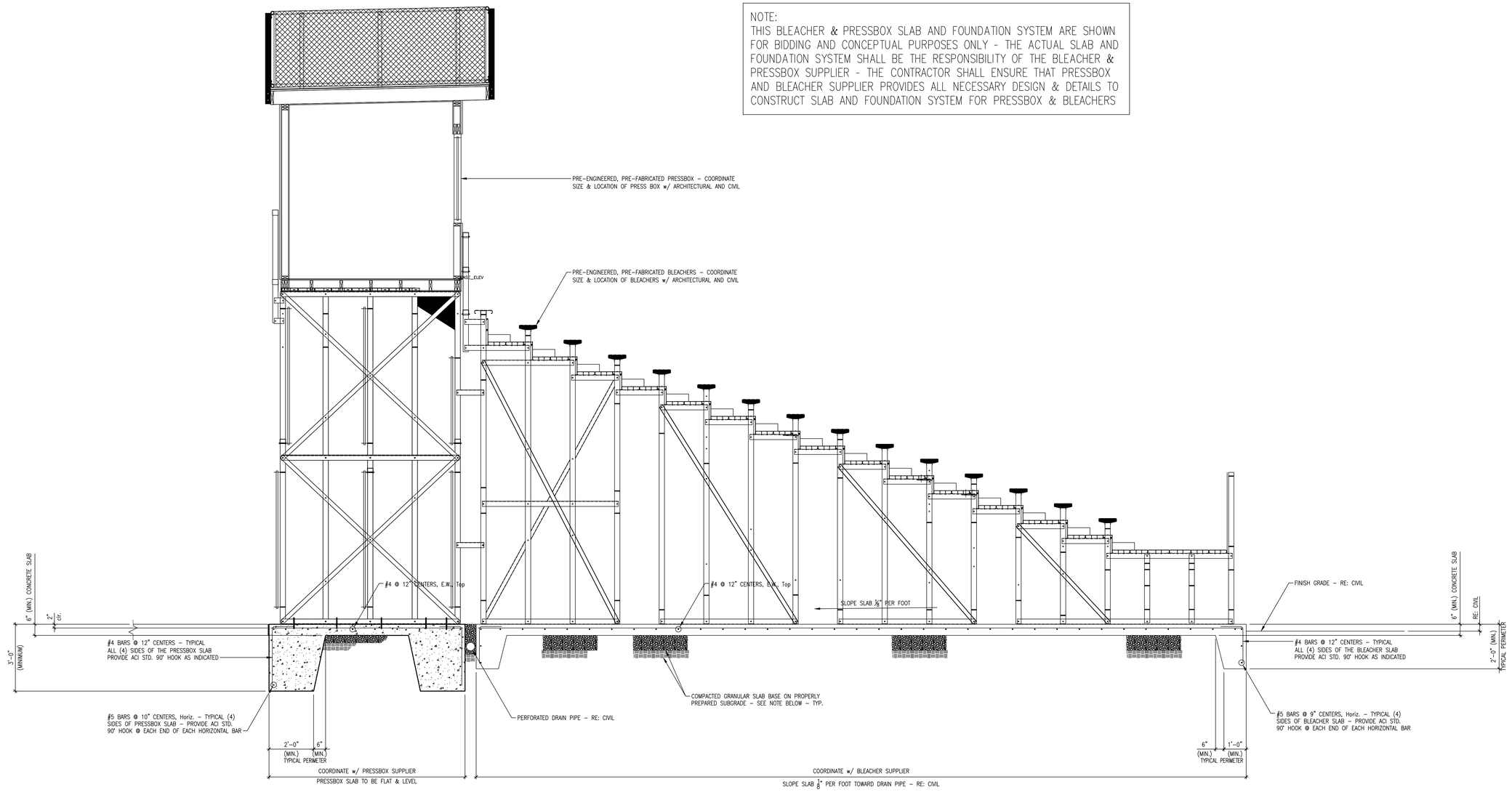
No.	Description	Date

SHEET
S2.4

NOTE:
THIS BLEACHER & PRESSBOX SLAB AND FOUNDATION SYSTEM ARE SHOWN FOR BIDDING AND CONCEPTUAL PURPOSES ONLY - THE ACTUAL SLAB AND FOUNDATION SYSTEM SHALL BE THE RESPONSIBILITY OF THE BLEACHER & PRESSBOX SUPPLIER - THE CONTRACTOR SHALL ENSURE THAT PRESSBOX AND BLEACHER SUPPLIER PROVIDES ALL NECESSARY DESIGN & DETAILS TO CONSTRUCT SLAB AND FOUNDATION SYSTEM FOR PRESSBOX & BLEACHERS



NOTE:
AFTER SLAB SUB-GRADE IS GRADED TO THE CORRECT PROFILE, THE ENTIRE AREA SHALL BE PROOF-ROLLED WITH A HEAVILY LOADED, RUBBER TIRED DUMP TRUCK (RE: CIVIL DRAWINGS AND SPECIFICATIONS) SOFT-YIELDING AREAS SHALL BE UNDERCUT AND RE-ROLLED. PROOF-ROLLING SHALL EXTEND FIVE-FEET (5') BEYOND THE LIMITS OF THE NEW BLEACHER SLAB – PROOF-ROLLING OPERATIONS SHALL BE DIRECTED AND DOCUMENTED BY THE GEOTECHNICAL ENGINEER – AFTER THE PROOF-ROLLING OPERATIONS HAVE BEEN COMPLETED AND ACCEPTED BY THE GEOTECHNICAL ENGINEER, THE SLAB BASE SHALL BE PLACED AND COMPACTED. THE SLAB BASE SHALL CONSIST OF EIGHT-INCHES (8") OF PROPERLY PLACED & COMPACTED, WELL GRADED CRUSHED STONE (e.g. No. 57 STONE OR APPROVED EQUAL). THE STONE BASE SHALL BE COMPACTED TO 98% OF THE STANDARD PROCTOR DENSITY AT A MOISTURE CONTENT WITHIN 2% OF OPTIMUM. STONE SLAB BASE PLACEMENT AND COMPACTION SHALL BE DIRECTED AND DOCUMENTED BY THE GEOTECHNICAL ENGINEER.

SOCCER GRANDSTAND + PRESSBOX SLAB AND FOUNDATION SYSTEM

TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

A S2.4

SHERMAN CARTER BARNHART ARCHITECTS

WILLIAM GIBSON JR 19114 TENNESSEE REGISTERED ARCHITECT

NEW GRANDSTAND SECTION (CONCEPTUAL)

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION
FOUNDATION SECTIONS and DETAILS

JOB NO.	2459
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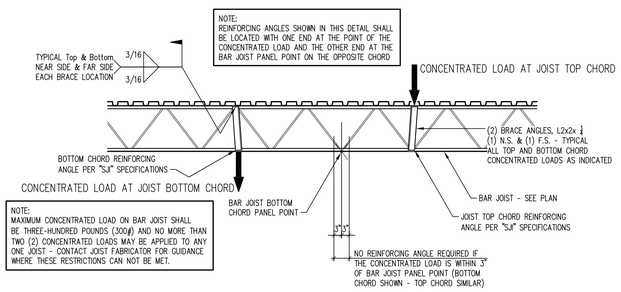
No.	Description	Date

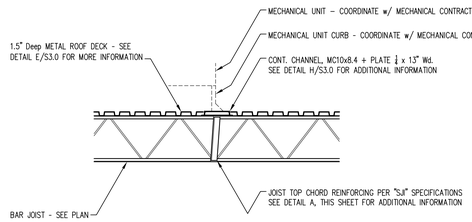
SHEET

S2.5



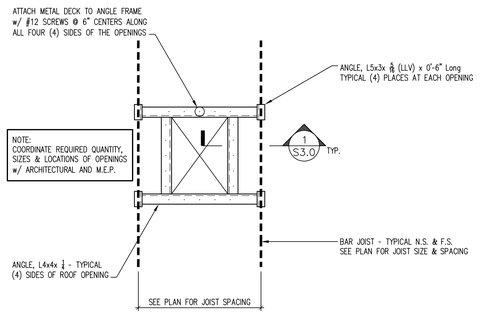
REINFORCING FOR BAR JOIST CHORDS UNDER CONCENTRATED LOADS

TYPICAL DETAIL A S3.0
SCALE: 1/2" = 1'-0"



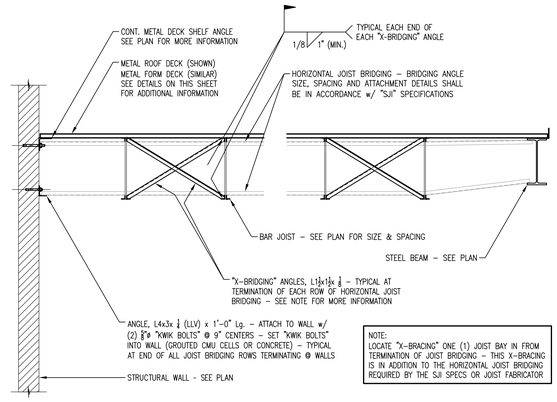
ROOFTOP HVAC SUPPORT FRAMING

TYPICAL DETAIL B S3.0
SCALE: 1/2" = 1'-0"



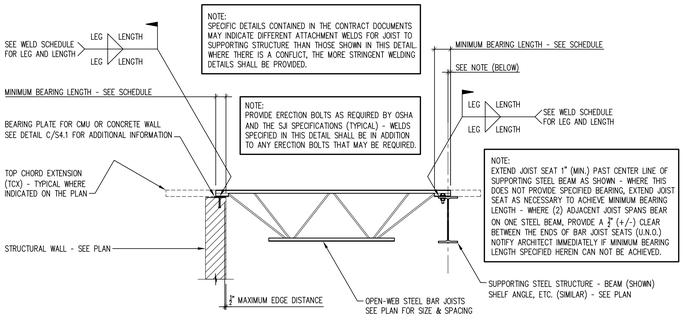
ANGLE FRAME FOR OPENINGS IN ROOF DECK + FORM DECK

TYPICAL DETAIL C S3.0
SCALE: 1/2" = 1'-0"



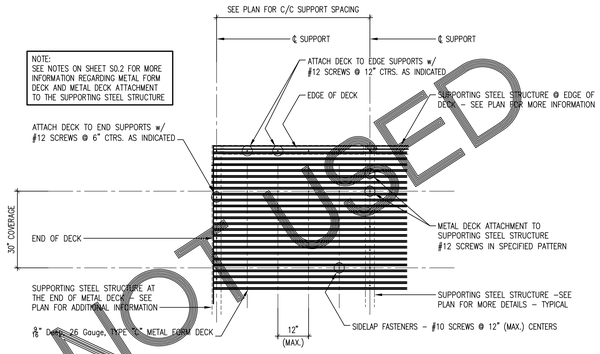
JOIST BRIDGING TERMINATION DETAIL

TYPICAL DETAIL D S3.0
SCALE: 1/2" = 1'-0"



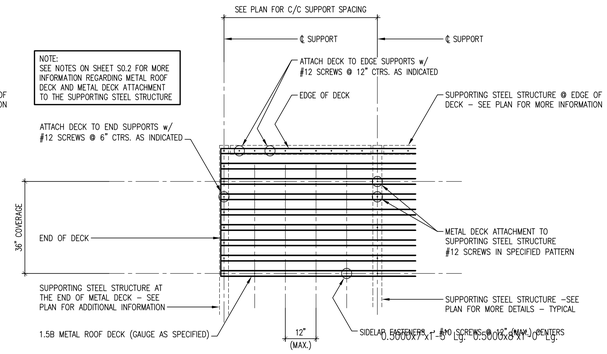
JOIST TO SUPPORTING STRUCTURE ATTACHMENT DETAIL

TYPICAL DETAIL G S3.0
SCALE: 1/2" = 1'-0"



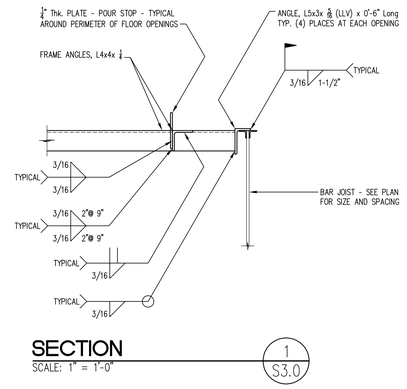
0.6C METAL FORM DECK FASTENER PATTERN

TYPICAL DETAIL F S3.0
SCALE: 1/2" = 1'-0"



METAL ROOF DECK FASTENER PATTERN

TYPICAL DETAIL E S3.0
SCALE: 1/2" = 1'-0"



SECTION

SECTION 1 S3.0
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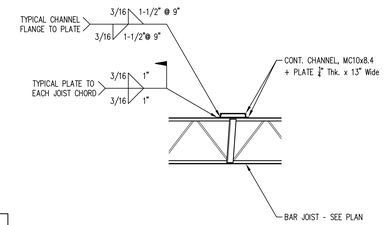

DETAIL

DETAIL H S3.0
SCALE: 1/2" = 1'-0"

NOT USED

JOIST WELD SCHEDULE

JOIST SERIES	LEG	LENGTH	BEARING LENGTH	REMARKS
"K" SERIES JOISTS	⅜"	1½"	4" CMU - 2½" STEEL	RE: ANSI SJI-K-1.1 SECTION 5.6(a) & 5.6(b)
"LH" SERIES JOISTS	¼"	2"	6" CMU - 4" STEEL	RE: ANSI SJI-LH/DLH-1.1 SECTION 104.7(a) & 104.7(b)
"DLH" SERIES JOISTS	¼"	2"	6" CMU - 4" STEEL	RE: ANSI SJI-LH/DLH-1.1 SECTION 104.7(a) & 104.7(b)
"SLH" JOISTS - SECTION 15-18	¼"	2"	6" CMU - 4" STEEL	RE: SJI- SLH SPEC SECTION 204.8(a) & 204.8(b) - 2007
"SLH" JOISTS - SECTION 19-25	¼"	4"	6" CMU - 6" STEEL	RE: SJI- SLH SPEC SECTION 204.8(a) & 204.8(b) - 2007
JOIST GIRDERS w/ 7½" Dp. SEAT	¼"	3"	6" CMU - 4" STEEL	RE: ANSI SJI-JG-1.1 SECTION 1004.6(a) & 1004.6(b)
JOIST GIRDERS w/ 10" Dp. SEAT	¼"	6"	6" CMU - 4" STEEL	RE: ANSI SJI-JG-1.1 SECTION 1004.6(a) & 1004.6(b)

THIS DETAIL IS BASED ON THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE (SJI).
BEARING LENGTHS SPECIFIED IN THIS TABLE DO NOT INCLUDE ANY REQUIRED JOIST TOP CHORD EXTENSION (TCX).
ALL JOIST SERIES SHOWN IN THIS CHART MAY NOT APPLY TO THIS PROJECT. SEE PLANS FOR SPECIFIC JOISTS REQUIRED.

STEEL BEAM SCHEDULE

BEAM MARK No.	BEAM SIZE	BEAM MATERIAL	DESIGN REACTION	BEAM CONNECTION DETAIL		BEAM BEARING PLATE		BEAM ELEVATION		SECTION	REMARKS	BEAM MARK No.
				TAG END	OPPOSITE END	TAG	OPP.	TAG END	OPPOSITE END			
B01	W8x28	A992, Gr. 50	11.0 kips	1/S4.1	1/S4.2	0.5000x7"x1-0" Lg	0.3750x7"x1-0" Lg	SEE REMARKS	SEE REMARKS	SEE REMARKS	COORDINATE T/STL.EL. & DETAILS w/ STAIR DETAILER	B01
B02	W8x28	A992, Gr. 50	6.7 kips	1/S4.1	1/S4.2	0.3750x7"x1-0" Lg	0.3750x7"x1-0" Lg	FIELD DETERMINE	FIELD DETERMINE	RE: 3/S5.1		B02
RB01A	W16x36	A992, Gr. 50	13.1 kips	1/S4.2	K/S3.1	0.3750x7"x1-6" Lg	N/A	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 9/S6.1	ALTERNATE No. 5	RB01A
RB01B	W16x36	A992, Gr. 50	13.1 kips	1/S4.2	K/S3.1	0.3750x7"x1-6" Lg	N/A	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 9/S6.1	ALTERNATE No. 5	RB01B
RB02	W24x55	A992, Gr. 50	13.5 kips	1/S4.1	3/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-0" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 8/S6.1	ALTERNATE No. 5	RB02
RB03	W12x26	A992, Gr. 50	6.0 kips	3/S4.1	3/S4.1	RE: RB02	RE: RB04	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 8/S6.1	ALTERNATE No. 5	RB03
RB04	W16x36	A992, Gr. 50	7.1 kips	3/S4.1	3/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-0" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 8/S6.1		RB04
RB05	W12x26	A992, Gr. 50	6.0 kips	3/S4.1	3/S4.1	RE: RB04	RB: 06	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 8/S6.1		RB05
RB06	W16x36	A992, Gr. 50	7.3 kips	1/S4.1	3/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-0" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 8/S6.1		RB06
RB07	W18x46	A992, Gr. 50	13.2 kips	1/S4.1	1/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-3" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 3/S6.1		RB07
RB08	W18x46	A992, Gr. 50	13.5 kips	1/S4.1	1/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-3" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 3/S6.1		RB08
RB09	W18x46	A992, Gr. 50	13.2 kips	1/S4.1	1/S4.1	0.5000x7"x1-0" Lg	0.3750x7"x1-3" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 3/S6.1		RB09
RB10	W8x28+P	A992, Gr. 50	16.9 kips	1/S4.1	1/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-2" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 2/S4.1	ALTERNATE No. 5 - WINDOW HEAD	RB10
RB11	W6x36+P	A992, Gr. 50	18.8 kips	1/S4.1	1/S4.1	0.3750x7"x1-4" Lg	0.3750x7"x1-4" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 2/S4.1	WINDOW HEAD	RB11
RB12	W8x28+P	A992, Gr. 50	9.9 kips	1/S4.1	1/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-3" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 2/S4.1	DOOR HEAD	RB12
RB13	W16x36+P	A992, Gr. 50	21.6kips	1/S4.1	1/S4.1	0.5000x7"x1-4" Lg	0.5000x7"x1-4" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 2/S4.1	WINDOW HEAD	RB13
RB14	W16x36+P	A992, Gr. 50	9.0 kips	1/S4.1	1/S4.1	0.5000x7"x1-4" Lg	0.5000x7"x1-4" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 2/S4.1	WINDOW HEAD	RB14
RB15	W8x24	A992, Gr. 50	6.0 kips	1/S4.1	1/S4.1	0.3750x7"x1-0" Lg	0.3750x7"x1-0" Lg	SEE REMARKS	SEE REMARKS	SEE REMARKS	ELEVATOR HOIST BEAM - COORDINATE ELEVATION w/ ELEVATOR INSTALLER	RB15
RB16	W16x36+P	A992, Gr. 50	7.40 kips	1/S4.1	1/S4.1	0.3750x7"x1-3" Lg	0.3750x7"x1-3" Lg	SEE ARCHITECTURAL	SEE ARCHITECTURAL	RE: 1/S6.2		RB16

BEAM SCHEDULE NOTES:

1. "TAG END" REFERS TO THE END OF THE BEAM WITH THE BEAM MARK NUMBER ON THE PLAN.
2. BEAMS MAY BE FABRICATED USING MATERIAL CONFORMING TO ASTM SPECIFICATION A992, GRADE 50 IN LIEU OF THE MATERIAL SPECIFIED AT THE FABRICATOR'S OPTION. IT SHALL BE NOTED ON THE SHOP DRAWINGS IF THIS OPTION IS EXERCISED.
3. THE DETAILER SHALL INDICATE THE APPROPRIATE BEAM MARK NUMBERS FROM THESE DRAWINGS ON EACH BEAM DETAIL IN THE SHOP DRAWINGS. FAILURE TO COMPLY WITH REQUIREMENT WILL RESULT IN REJECTION OF THE SHOP DRAWING SUBMITTAL.
4. THE ELEVATIONS SHOWN HEREIN ARE THE TOP OF STEEL ELEVATIONS (U.N.O.) AT THE INTERSECTION OF CENTER LINES OF THE BEAM UNDER CONSIDERATION AND THE BEAM OR COLUMN INTO WHICH THAT BEAM FRAMES. WHERE BEAM ELEVATION IS MARKED WITH A (B), THE SPECIFIED ELEVATION IS THE BOTTOM OF STEEL ELEVATION.
5. THE COLUMN IN THE SCHEDULE IDENTIFIED AS "SECTION" REFERENCES (RE:) APPLICABLE SECTIONS AND DETAILS THROUGH THE BEAM.
6. WHERE STEEL BEAMS SUPPORT CONCRETE MASONRY UNITS (CMU) AND / OR BRICK, THE STEEL FABRICATOR SHALL PROVIDE PLATES INDICATED IN SECTION 2/S4.1. THE CONTRACTOR SHALL COORDINATE THE NEED FOR BOTTOM PLATES SHOWN IN THESE SECTIONS BETWEEN THE MASON AND STEEL FABRICATOR. WHERE BEAM MARK NUMBERS INCLUDE "+P" [e.g. B-15 (W16x45+P)], TOP AND / OR BOTTOM FLANGE PLATES PER SECTION 2/S4.1 ARE A STRUCTURAL REQUIREMENT. AN EFFORT HAS BEEN MADE TO IDENTIFY BEAMS w/ "+P" WHERE PLATES MAY REQUIRED BY THE ARCHITECTURAL DRAWINGS. HOWEVER, ALL SUCH BEAMS MAY NOT BE TAGGED w/ "+P". THE CONTRACTOR IS RESPONSIBLE TO FURNISH PLATES WELDED TO BEAM FLANGES PER THE REFERENCED SECTIONS WHERE REQUIRED BY THE ARCHITECTURAL DRAWINGS WHETHER SUCH BEAMS ARE IDENTIFIED w/ "+P" ON THE STRUCTURAL PLANS OR NOT.
7. WHERE STEEL BEAMS ARE SUPPORTED ON MASONRY (CMU), A BEAM BEARING PLATE SHALL BE PROVIDED PER DETAIL A/S4.1 (RE: 1/S4.1 & 3/S4.1). ALL BEAMS INDICATED ON THE PLAN TO BE SUPPORTED ON CMU SHALL BE PROVIDED WITH A BEAM BEARING PLATE PER THE BEAM SCHEDULE. WHERE NO BEARING PLATE IS INDICATED IN THE BEAM SCHEDULE, THE PLATE SIZE SHALL BE BASED ON THE BEAM IN THAT SCHEDULE THAT IS MOST SIMILAR TO THE BEAM UNDER CONSIDERATION.
8. BEAMS SHOWN IN THIS SCHEDULE w/ "FSXX" MARK NUMBERS ARE "FIELD STOCK" BEAMS THAT ARE TO BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STRUCTURAL ENGINEER'S INSTRUCTIONS. THE CONTRACTOR SHALL INCLUDE THE COST OF MATERIAL, DETAILING, FABRICATION, CONNECTIONS, DELIVERY AND ERECTION OF THE FIELD STOCK BEAMS IN THE BID. NO FIELD STOCK MATERIAL SHALL BE PURCHASED WITHOUT PRIOR APPROVAL FROM ARCHITECT. EQUIVALENT WEIGHTS OF STRUCTURAL STEEL (e.g. WIDE FLANGES, ANGLES, CHANNELS, PLATES, ETC.) OTHER THAN THAT INDICATED IN THE SCHEDULE MAY BE SUBSTITUTED BY THE ARCHITECT IN LIEU OF THE FIELD STOCK BEAMS SHOWN HEREIN AT NO ADDITIONAL COST TO THE OWNER. A CREDIT SHALL BE GIVEN AT THE END OF THE JOB FOR THE VALUE OF THE UN-USED PORTION OF THE FIELD STOCK BEAMS.

NOTE:
INFORMATION AND DETAILS CONTAINED ON THIS SHEET ARE OFFICE STANDARDS - ALL MAY NOT APPLY TO THIS PROJECT

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY WILLIAM GREGORY JR 16114 LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

TYPICAL BAR JOIST, METAL DECK and STEEL FRAMING DETAILS
STEEL BEAM SCHEDULE

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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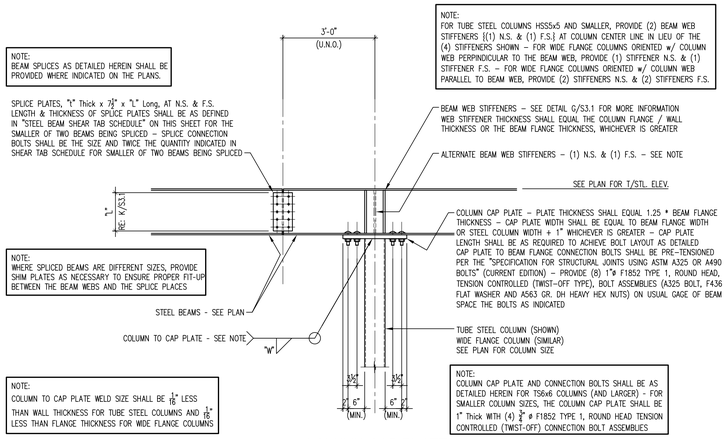
REVISIONS

No.	Description	Date

SHEET
S3.0

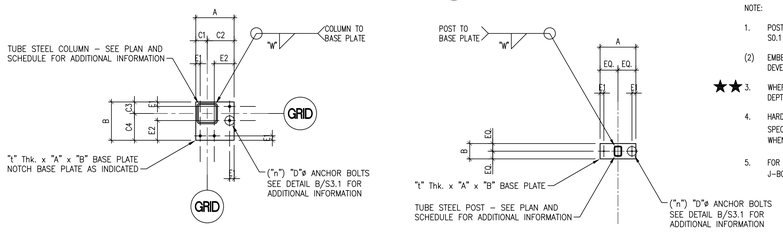


COLUMN CAP PLATE

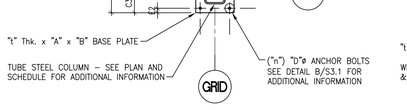
TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

A S3.1

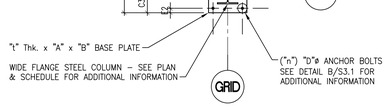


TUBE STEEL COLUMN w/ CORNER BASE PLATE

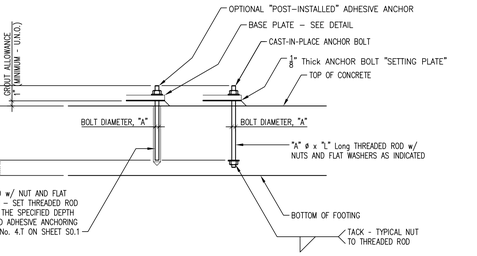


TUBE STEEL COLUMN BASE PLATE

TUBE STEEL POST BASE PLATE



WIDE FLANGE COLUMN BASE PLATE



TYPICAL DETAIL - ANCHOR BOLTS

SCALE: 1/2" = 1'-0"

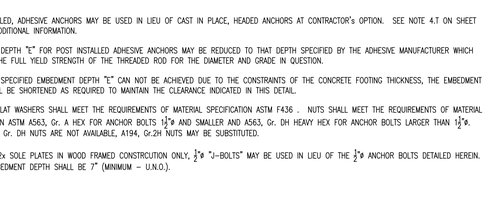
B S3.1

ANCHOR BOLT SCHEDULE

"A"	"E" (2)	"P"	"L"	THREADED ROD MATERIAL	REMARKS
1/2"	7"	3 1/2"	14"	ASTM F1554, Gr. 36	
5/8"	12"	3 1/2"	18"	ASTM F1554, Gr. 36	
3/4"	15"	4"	21"	ASTM F1554, Gr. 36	
1"	18"	4 1/2"	25"	ASTM F1554, Gr. 55	
1 1/4"	21"	5"	29"	ASTM F1554, Gr. 55	
1 3/8"	24"	5"	32"	ASTM F1554, Gr. 55	
1 1/2"	24"	5"	32"	ASTM F1554, Gr. 55	
2"	30"	8"	42"	ASTM F1554, Gr. 55	

NOTE:

1. POST INSTALLED, ADHESIVE ANCHORS MAY BE USED IN LIEU OF CAST IN PLACE, HEADED ANCHORS AT CONTRACTOR's OPTION. SEE NOTE 4.T ON SHEET S0.1 FOR ADDITIONAL INFORMATION.
2. EMBEDMENT DEPTH "E" FOR POST INSTALLED ADHESIVE ANCHORS MAY BE REDUCED TO THAT DEPTH SPECIFIED BY THE ADHESIVE MANUFACTURER WHICH DEVELOPS THE FULL YIELD STRENGTH OF THE THREADED ROD FOR THE DIAMETER AND GRADE IN QUESTION.
3. ★★ WHERE THE SPECIFIED EMBEDMENT DEPTH "E" CAN NOT BE ACHIEVED DUE TO THE CONSTRAINTS OF THE CONCRETE FOOTING THICKNESS, THE EMBEDMENT DEPTH SHALL BE SHORTENED AS REQUIRED TO MAINTAIN THE CLEARANCE INDICATED IN THIS DETAIL.
4. HARDENED FLAT WASHERS SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION ASTM F436 . NUTS SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION ASTM A563, Gr. A HEX FOR ANCHOR BOLTS 1 1/4"ø AND SMALLER AND A563, Gr. DH HEAVY HEX FOR ANCHOR BOLTS LARGER THAN 1 1/4"ø. WHEN A563, Gr. DH NUTS ARE NOT AVAILABLE, A194, Gr.2H NUTS MAY BE SUBSTITUTED.
5. FOR WOOD 2x SOLE PLATES IN WOOD FRAMED CONSTRCUTION ONLY, 1/2"ø "J-BOLTS" MAY BE USED IN LIEU OF THE 1/2"ø ANCHOR BOLTS DETAILED HEREIN. J-BOLT EMBEDMENT DEPTH SHALL BE 7" (MINIMUM - U.N.O.).

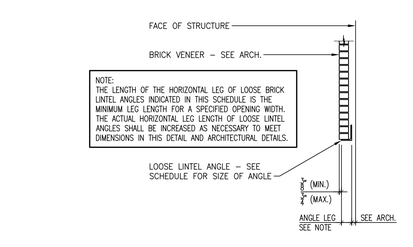


BEAM WEB STIFFENER DETAIL

TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

G S3.1



LOOSE LINTEL ANGLES

TYPICAL DETAIL

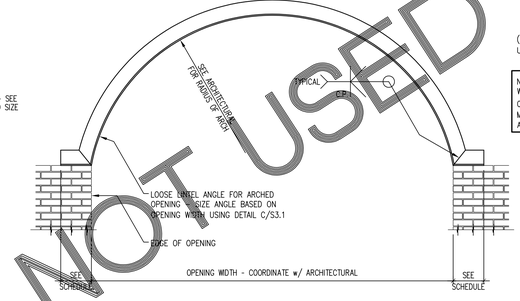
SCALE: 1/2" = 1'-0"

C S3.1

LOOSE LINTEL ANGLE SCHEDULE

MAXIMUM OPENING WIDTH	BRICK LINTEL ANGLE	REQUIRED BEARING LENGTH
6'-0"	L 3-1/2x3-1/2x 5/16"	8"
7'-4"	L 4x3-1/2x 3/8" (LLV)	8"
9'-4"	L 5x3-1/2x 3/8" (LLV)	8"
11'-4"	L 6x4x 3/8" (LLV)	8"
13'-4"	L 7x4x 1/2" (LLV)	8"
14'-8"	L 8x4x 1/2" (LLV)	12"
GREATER THAN 14'-8"	SEE NOTE BELOW	

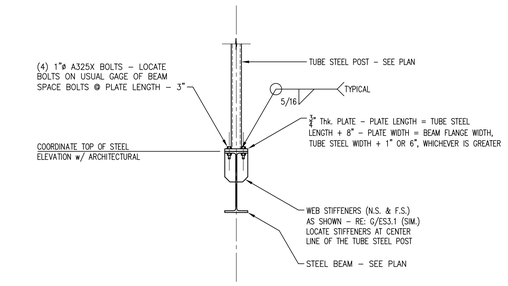
HORIZONTAL LEG LENGTH SPECIFIED IS A MINIMUM - SEE NOTE FOR ACTUAL LEG LENGTH
THIS SCHEDULE IS BASED ON A BRICK WEIGHT OF 45 POUNDS PER SQUARE FOOT (psf)
ALL BRICK LINTEL ANGLES SHALL BE HOT DIP GALVANIZED.
RE: E/S4.0 FOR BRICK LINTELS @ OPENINGS GREATER THAN 14'-8" IN CMU WALLS
RE: B/S4.3, C/S4.3, D/S4.3 or G/S4.4 AS APPLICABLE FOR BRICK LINTELS @ OPENINGS GREATER THAN 14'-8" IN ICF WALLS - COORDINATE w/ ARCHITECTURAL.



TYPICAL DETAIL - LINTEL ANGLE @ ARCH

SCALE: 1/2" = 1'-0"

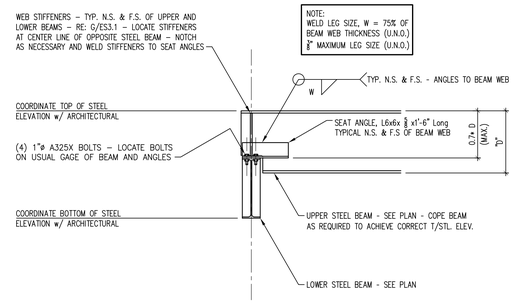
H S3.1



TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

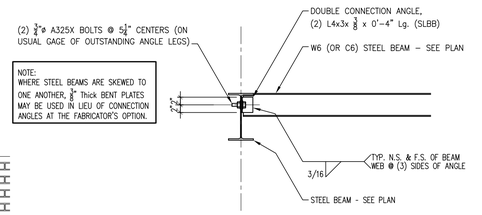
D S3.1



TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

F S3.1



W6 / C6 CONNECTION

TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

J S3.1

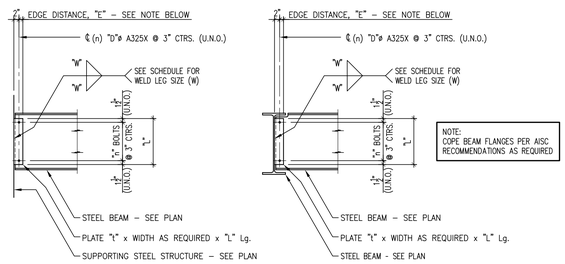
TYPICAL DETAIL - COLUMN BASE PLATES

SCALE: 1/2" = 1'-0"

E S3.1

COLUMN BASE PLATE SCHEDULE

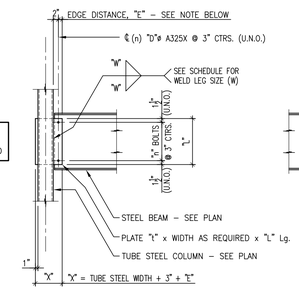
MARK No.	COLUMN SIZE	"A"	"B"	"C1"	"C2"	"C3"	"C4"	"D"	"E1"	"E2"	"t"	"W"	"n"	REMARKS
C1 THRU C6, C24, C26, C39, C41	HSS 6x6x 0.3750	1'-3"	1'-0"	*	*	*	*	*	*	*	*	1/4"	4	* - SEE DETAIL E/S2.2
C7 THRU C12, C17 THRU C20, C29, C32, C36, C38	HSS 6x6x 0.3125	1'-3"	1'-0"	*	*	*	*	*	*	*	*	1/4"	4	* - SEE DETAIL E/S2.2
C25, C30, C31, C34, C35, C37, C39, C40	HSS 6x6x 0.3750	1'-2"	1'-2	7.0"	7.0"	7.0"	7.0"	0.75"	1.50"	1.50"	0.75"	1/4"	4	
C21	HSS 6x6x 0.5000	1'-2"	1'-2"	7.0"	7.0"	7.0"	7.0"	0.75"	1.50"	1.50"	0.75"	1/4"	4	
C27, C28	HSS 6x6x 0.3125	1'-2"	1'-2"	7.0"	7.0"	7.0"	7.0"	0.75"	1.50"	1.50"	0.75"	1/4"	4	
C13 THRU C16	HSS 6.625" DIA x 0.3125	1'-3"	1'-0"	*	*	*	*	*	*	*	*	1/4"	4	* - SEE DETAIL E/S2.2
C22, C23	HSS 12x12x 0.3750	1'-9"	1'-9"	10.5"	10.5"	10.5"	10.5"	1.25"	2.25"	2.25"	1.25"	1/4"	4	
C38, C42	HSS 6x6x 0.5000	1'-3"	1'-0"	*	*	*	*	*	*	*	*	1/4"	4	* - SEE DETAIL E/S2.2



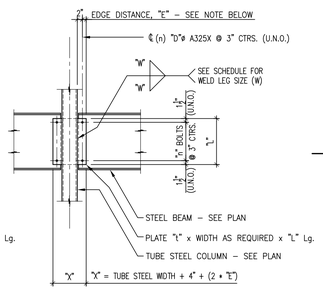
TYPICAL SHEAR TAB

SHEAR TAB TO BEAM WEB

NOTE:
THE HORIZONTAL EDGE DISTANCE, "E" SHALL BE TWO (2) TIMES THE BOLT DIAMETER, "D"



SHEAR TAB TO T.S. COLUMN (BEAM @ ONE SIDE ONLY)

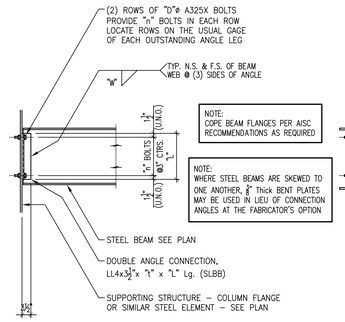


SHEAR TAB TO T.S. COLUMN (BEAMS @ BOTH SIDES)

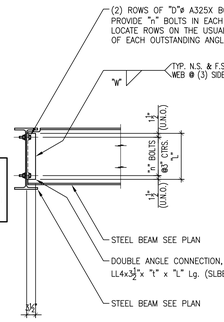
TYPICAL DETAIL - SINGLE-PLATE BEAM CONNECTION

SCALE: 1/2" = 1'-0"

K S3.1



TYPICAL DOUBLE ANGLE CONNECTION



DOUBLE ANGLE TO BEAM WEB CONNECTION

TYPICAL DETAIL

SCALE: 1/2" = 1'-0"

L S3.1

STEEL BEAM CONNECTION SCHEDULE

BEAM SIZE	"L"	"n"	"L"	"W"	"D"	DESIGN REACTION	REMARKS
W8x10	5"	2	6.0"	5/16"	3/4"ø	15.0 kips	
W8x24 & W8x28	8"	2	6.0"	1/4"	3/4"ø	20.0 kips	
W12x19, W12x22 & W12x26	5"	3	9.0"	1/4"	3/4"ø	25.0 kips	
W12x45	7"	3	9.0"	5/16"	3/4"ø	30.0 kips	
W16x26 & W16x31	5"	4	12.0"	1/4"	3/4"ø	35.0 kips	
W16x36, W16x40 & W16x45	7"	4	12.0"	1/4"	3/4"ø	45.0 kips	
W18x35, W18x40 & W18x46	8"	5	15.0"	5/16"	3/4"ø	50.0 kips	
W21x50	7"	6	18"	5/16"	3/4"ø	80.0 kips	
W24x55 & W24x62	8"	7	21"	1/4"	3/4"ø	70.0 kips	
W33x318	8"	9	28"	5/16"	1/8"ø	200.0 kips	PLATE = ASTM A572, Gr. 50

NOTES:

1. THIS SCHEDULE ASSUMES ALL CONNECTION BOLTS TO BE A325X (U.N.O.) INSTALLED "SNUG-TIGHT" (U.N.O.)
2. THIS SCHEDULE AND ACCOMPANYING DETAILS ARE BASED ON THE "SINGLE-PLATE CONNECTIONS TABLES" AND THE "BOLTED / WELDED DOUBLE-ANGLE CONNECTIONS TABLES" IN THE "AISC MANUAL OF STEEL CONSTRUCTION" (CURRENT EDITION). FOR DEFINITION OF DIMENSIONS AND OTHER TERMS CONTAINED IN THIS SCHEDULE - SEE SECTION K/ES3.1 FOR SINGLE-PLATE (SHEAR TAB) CONNECTIONS AND SECTIONS L/ES3.1 FOR DOUBLE- ANGLE CONNECTIONS. DOUBLE ANGLE CONNECTIONS SHALL BE DETAILED USING "WELD A" PER AISC TABLE.
3. CAPACITIES ASSUME BEAMS ARE NOT COPED. CAPACITIES MUST BE REDUCED PER AISC SPECIFICATIONS FOR BEAMS WITH COPED FLANGES.
4. FOR SINGLE-PLATE CONNECTIONS ON SKEWED BEAMS WHERE THE SKEW OF THE SHEAR TAB RESTRICTS INSTALLATION OF CONNECTION BOLTS, THE 2" DIMENSION MAY BE INCREASED TO 3" (MAX.) TO ALLOW BOLT INSTALLATION.
5. TO ACCOMMODATE ERECTION TOLERANCES, THE BOLT HOLES MAY BE HORIZONTAL "SHORT SLOTTED HOLES".
6. ANY BEAM SHOWN ON PLAN FRAMING INTO ANOTHER STEEL ELEMENT (BEAM OR COLUMN) THAT IS NOT SHOWN IN THIS SCHEDULE SHALL HAVE A CONNECTION DETAILED IN ACCORDANCE WITH THIS SCHEDULE. SHEAR TAB SHALL BE SIZED FOR A BEAM SHOWN IN THIS SCHEDULE THAT IS FROM THE SAME "BEAM FAMILY" AS THE BEAM IN QUESTION.

NOTE:
INFORMATION AND DETAILS CONTAINED ON THIS SHEET ARE OFFICE STANDARDS - ALL MAY NOT APPLY TO THIS PROJECT

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY WILLIAM GREGORY JR 16114 LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

TYPICAL STEEL FRAMING DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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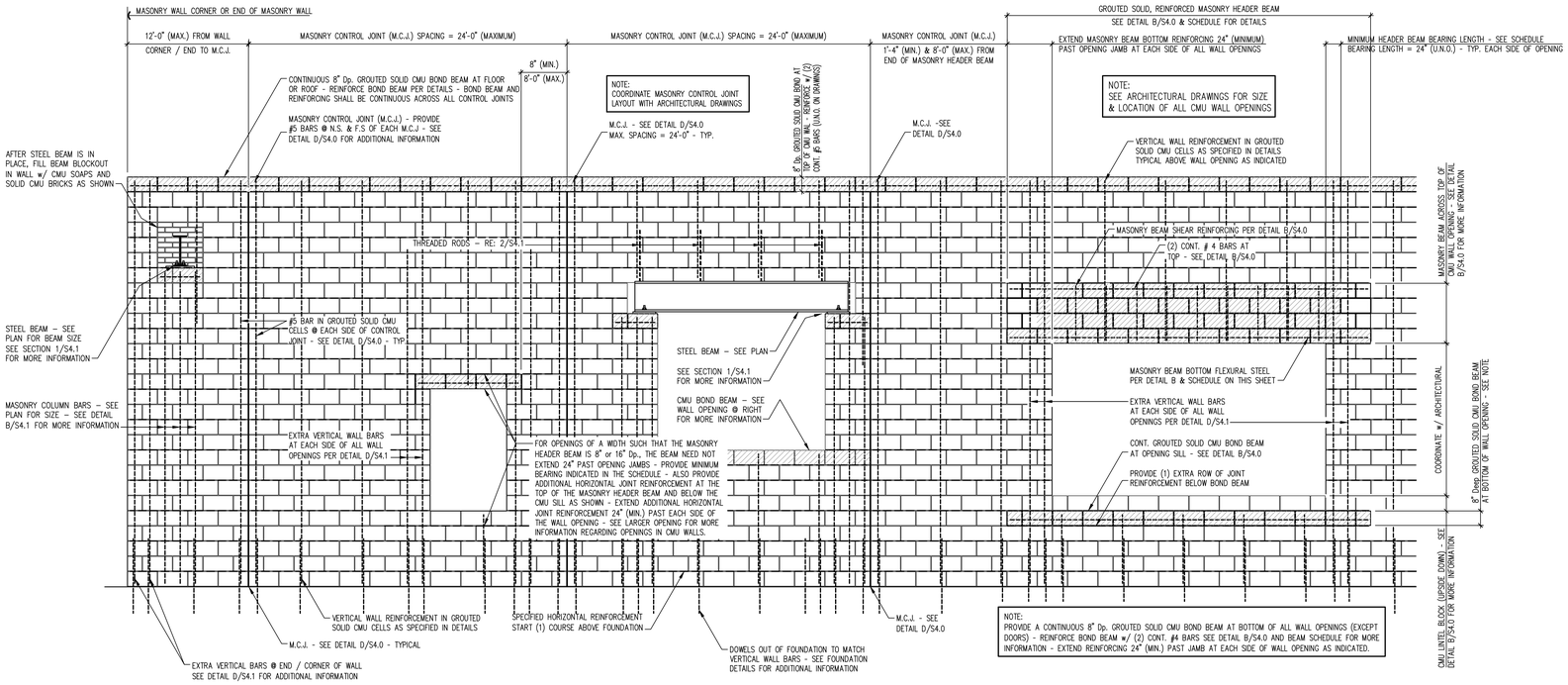
REVISIONS

No.	Description	Date

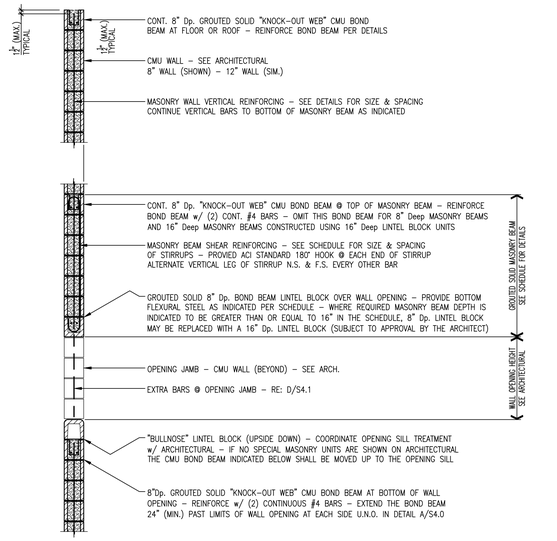
SHEET

S3.1



MASONRY (CMU) WALL OPENINGS, JOINTS + REINFORCING

TYPICAL DETAIL
SCALE: NONE
A S4.0



TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
B S4.0

NOTE: INFORMATION AND DETAILS CONTAINED ON THIS SHEET ARE OFFICE STANDARDS - ALL MAY NOT APPLY TO THIS PROJECT.

MASONRY HEADER BEAM SCHEDULE

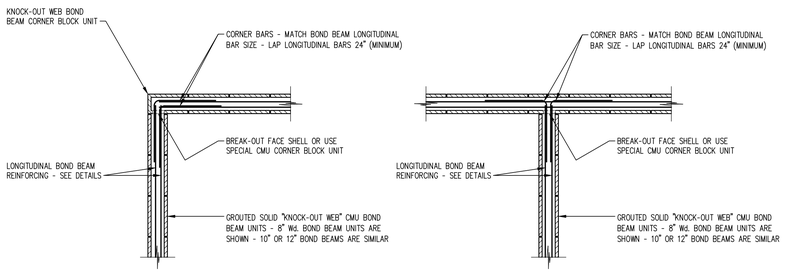
WALL OPENING MARK No. (1)	OPENING WIDTH	CMU WALL THICKNESS	CMU HEADER BEAM DEPTH	CMU HEADER BEAM LOAD	CMU BOND BEAM FLEXURAL REINFORCING	CMU BOND BEAM SHEAR REINFORCING	MINIMUM BEARING LENGTH	REMARKS
A	3'-4"	8"	16"		(2) #5	NONE REQUIRED	24"	DOOR OPENING
B	6'-4"	8"	24"		(2) #5	NONE REQUIRED	24"	DOUBLE DOOR OPENING
C	6'-4"	12"	24"		(2) #6	NONE REQUIRED	24"	DOUBLE DOOR OPENING
D	4'-4"	12"	16"		(2) #6	NONE REQUIRED	24"	ELEVATOR DOOR OPENING
E	10'-0"	12"	32"		(2) #6	NONE REQUIRED	24"	EXTERIOR WINDOW OPENING
F	4'-8"	8"	24"		(2) #5	NONE REQUIRED	24"	INTERIOR OPENING
G	6'-4"	12"	24"		(2) #6	NONE REQUIRED	24"	DOUBLE DOOR OPENING
H	3'-4"	12"	24"		(2) #6	NONE REQUIRED	24"	ELEVATOR DOOR OPENING
J	3'-0"	8"	16"		(2) #5	NONE REQUIRED	24"	MECHANICAL CHASE DOOR OPENING
K	6'-0"	8"	16"		(2) #5	NONE REQUIRED	24"	INTERIOR OPENING
L	4'-4"	8"	16"		(2) #5	NONE REQUIRED	24"	INTERIOR OPENING
M	5'-4"	8"	16"		(2) #5	NONE REQUIRED	24"	INTERIOR DOUBLE DOOR OPENING

ALLOWED INSTALLATION LOCATION FOR POST INSTALL ANCHOR BOLTS
(KWIK BOLTS AND EPOXY ANCHORS)

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
G S4.0

MASONRY HEADER BEAM SCHEDULE NOTES:

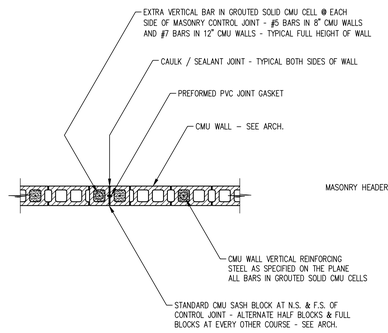
1. WALL OPENING MARK NUMBERS ARE IDENTIFIED IN HEXAGONS ON THE FRAMING PLANS FOR THE PLAN DIRECTLY ABOVE THE OPENING.
2. SEE DETAIL C/S3.1 FOR LOOSE BRICK LINTEL ANGLES. SEE DETAIL E/S4.0 FOR BRICK LINTELS ON OPENINGS GREATER THAN 14'-8".
3. ALL STEEL LINTEL ANGLES SHALL BE HOT-DIPPED GALVANIZED.
4. WHERE MASONRY OPENINGS ARE SHOWN ON ARCHITECTRUAL DRAWINGS BUT NOT INDICATED ON STRUCTURAL DRAWINGS (e.g. PARTITIOIN WALLS & NON-BEARING WALLS), THE MASON SHALL PROVIDE A REINFORCED CMU HEADER BEAM DETAILED PER THIS SCHEDULE USING THE OPENING THAT MOST CLOSELY RESEMBLES MASONRY OPENING IN QUESTION.



CMU WALL CORNER

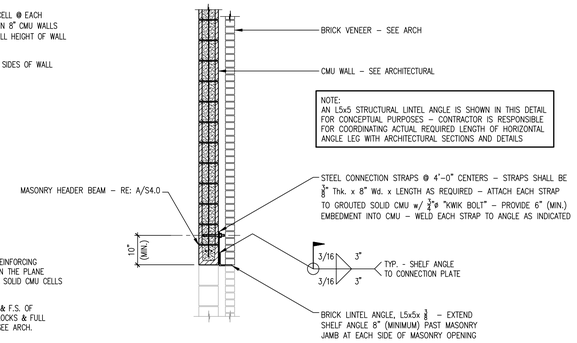
CMU WALL INTERSECTION

TYPICAL DETAIL - CMU BOND BEAM CORNER BARS
SCALE: 1/2" = 1'-0"
C S4.0



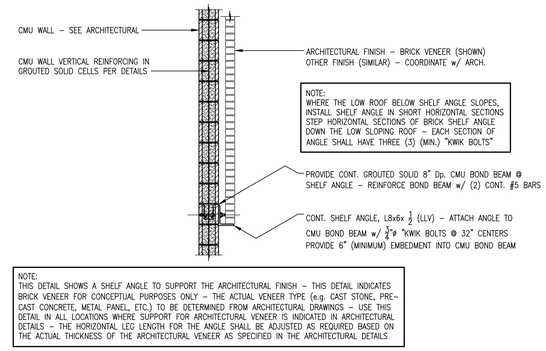
MASONRY CONTROL JOINT (M.C.J.)

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
D S4.0



STRUCTURAL BRICK LINTEL

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
E S4.0



BRICK SHELF ANGLE

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
F S4.0

SHERMAN CARTER BARNHART ARCHITECTS
KENTUCKY LICENSED PROFESSIONAL ENGINEER WILLIAM GIBSON JR. 19114 10/31/2026

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

MASONRY HEADER BEAM SCHEDULE
TYPICAL MASONRY DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	grigg s
CHECKED	WEG

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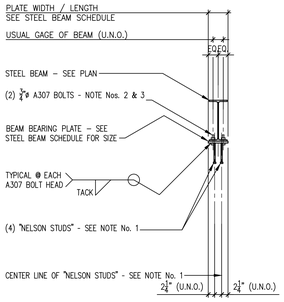
REVISIONS

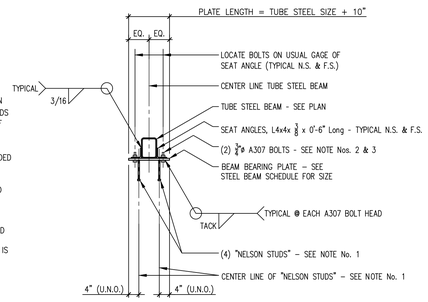
No.	Description	Date

SHEET
S4.0

NOTES:

1. EACH BEAM BEARING PLATE SHALL HAVE (4) $\frac{3}{4}$"ø x 8" Lg. (AW) "NELSON STUDS" AUTOMATICALLY WELDED TO STEEL BEARING PLATE. NELSON STUDS SHALL BE OFFSET $2\frac{1}{2}$" (U.N.O.) FROM PLATE EDGE AT EACH SIDE AS INDICATED. FOR BEARING PLATES LONGER THAN 1'-9" PROVIDE TWO (2) ADDITIONAL "NELSON STUDS" (TOTAL OF SIX) @ MID-LENGTH OF THE PLATE.
2. PROVIDE (2) $\frac{3}{4}$"ø A307 BOLTS AS SHOWN – PROVIDE COMPATIBLE NUTS AND FLAT WASHERS AS REQUIRED. SHOP WELD EACH BOLT HEAD TO THE BOTTOM OF THE BEAM BEARING PLATE AS INDICATED. BOLTS SHALL BE CENTERED ON PLATE WIDTH OR PLATE LENGTH (AS APPLICABLE) AND SPACED AT "USUAL GAGE" OF STEEL BEAM (FOR WIDE FLANGES) OR AS INDICATED FOR TUBE STEEL. FOR BEAMS w/ 4" FLANGE WIDTH AND LESS, USE $\frac{1}{2}$"ø A307 BOLTS.
3. AT FABRICATOR'S OPTION, A307 BOLTS MAY BE REPLACED WITH (2) CPL $\frac{3}{4}$"–10 UNC x 1½" Lg. THREADED "NELSON STUDS". THE THREADED "NELSON STUDS" SHALL BE AUTOMATICALLY SHOP WELDED TO THE BEARING PLATE. STUDS SHALL BE CENTERED ON PLATE WIDTH OR PLATE LENGTH (AS APPLICABLE) AND SPACED AT THE "USUAL GAGE" OF THE BEAM (FOR WIDE FLANGES) OR AS INDICATED FOR TUBE STEEL.
4. PROVIDE (2) $\frac{7}{8}$" x 3" Long SLOTTED HOLES IN THE BEAM FLANGE TO ACCOMMODATE THE A307 BOLTS (OR THREADED NELSON STUDS). SLOTS SHALL BE PARALLEL TO LENGTH OF THE BEAM.
5. RE: 1/S4.1 FOR MORE INFORMATION REGARDING BEAM BEARING PLATES ON CMU WALLS. ORIENT THE LEAST STUD LAYOUT DIMENSION TO FIT WITHIN THE CMU BOND BEAM AS INDICATED IN THE REFERENCED SECTIONS.
6. SEE THE "STEEL BEAM SCHEDULE" FOR BEAM BEARING PLATE SIZES. FOR BEAMS BEARING ON CMU WALLS THE PLATE WIDTH SHALL BE 7" (8" CMU) OR 11" (12" CMU). THE PLATE LENGTH IS THE PLATE DIMENSION MEASURED PARALLEL TO THE LENGTH OF THE CMU WALL. ALL BEAMS INDICATED ON THE PLAN TO BE SUPPORTED ON CMU WALLS SHALL BE PROVIDED WITH A BEAM BEARING PLATE PER THE BEAM SCHEDULE. WHERE NO BEARING PLATE IS INDICATED IN THE BEAM SCHEDULE, THE PLATE SIZE SHALL BE BASED ON THE BEAM IN THAT SCHEDULE THAT IS MOST SIMILAR TO THE BEAM UNDER CONSIDERATION.

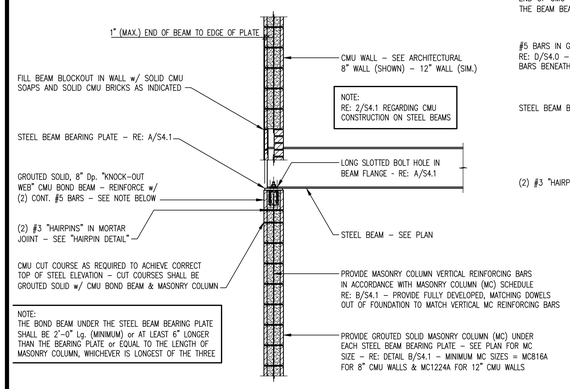




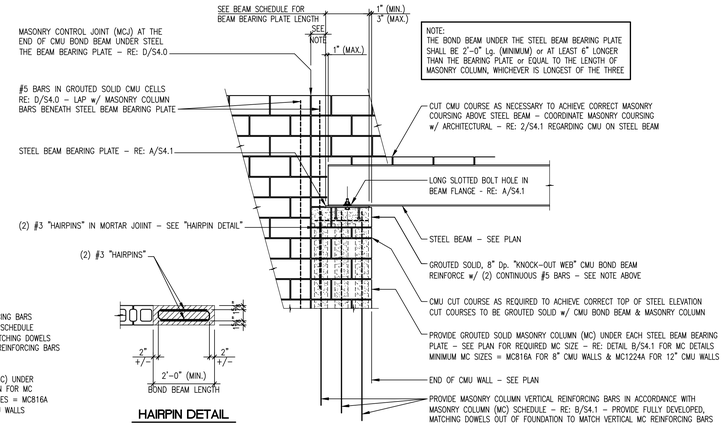
TYPICAL DETAIL – STEEL BEAM BEARING PLATES

SCALE: 1/2" = 1'-0"

A S4.1



BEAM PERPINDICULAR TO MASONRY WALL



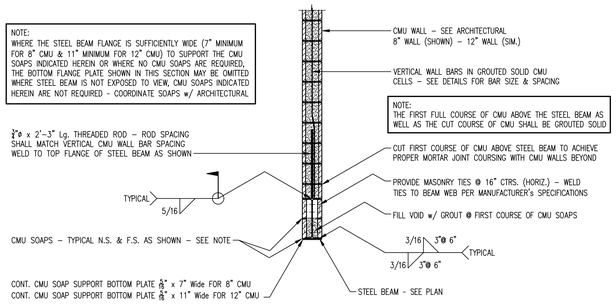
HAIRPIN DETAIL

BEAM PARALLEL TO MASONRY WALL

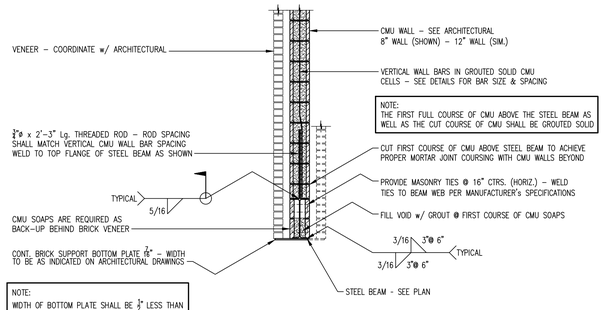
TYPICAL SECTION – STEEL BEAM ON MASONRY (CMU) WALL

SCALE: 1/2" = 1'-0"

1 S4.1



w/o BRICK

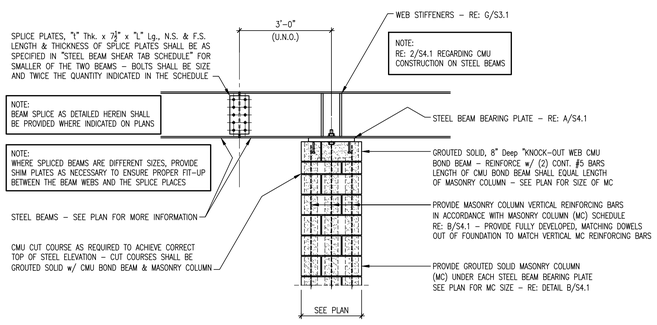


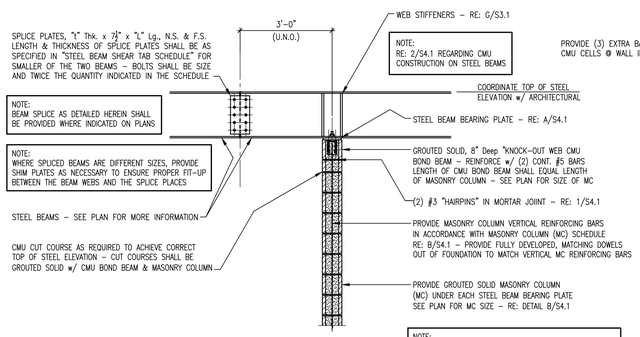
w/ BRICK

TYPICAL SECTION – CMU WALL ON STEEL BEAM

SCALE: 1/2" = 1'-0"

2 S4.1



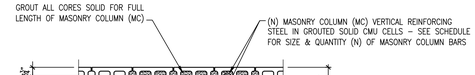


TYPICAL SECTION – STEEL BEAM ON MASONRY COLUMN

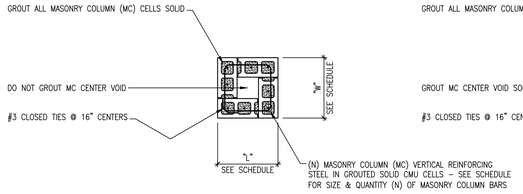
SCALE: 1/2" = 1'-0"

3 S4.1

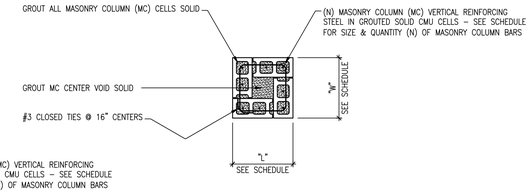
TYPE "A" MASONRY COLUMN



TYPE "C" MASONRY COLUMN



TYPE "B" MASONRY COLUMN



TYPE "D" MASONRY COLUMN

TYPICAL DETAIL – MASONRY COLUMNS (MC)

SCALE: 1/2" = 1'-0"

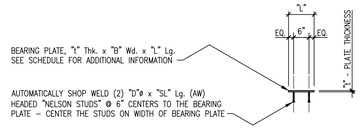
B S4.1

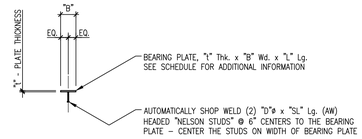
MASONRY COLUMN (MC) SCHEDULE

MARK No.	SIZE (WxL)	TYPE	REINFORCING (N)	REMARKS
MC824A	8"x24"	A	(3) #6	
MC836A	8"x36"	A	(5) #6	
MC39B	39" Square	B	(14) #6	
MC1220C	12"x20"	C	(2) ROWS OF (2) #7 BARS	
MC1256C	12"x56"	C	(2) ROWS OF (8) #7 BARS	
MC1240C	12"x40"	C	(2) ROWS OF (5) #7 BARS	
MC4072B	40"x72"	B	(44) #6	

NOTE:

1. SEE DETAIL A, THIS SHEET FOR ADDITIONAL INFORMATION.
2. VERTICAL REINFORCING FOR MASONRY COLUMN (MC) SHALL HAVE MATCHING DOWELS OUT OF FOUNDATION. PROVIDE TENSION LAP SPLICE (48 BAR DIAMETERS).
3. CONCRETE MASONRY (CMU) PRISM STRENGTH; f'm = 2,000 psi BASED ON THE NET SECTION (U.N.O.).
4. MASONRY COLUMN (MC) GROUT STRENGTH; f'g = 2,500 psi (U.N.O.).
5. PROVIDE HORIZONTAL JOINT REINFORCEMENT (DUR–O–WAL) @ 8" CENTERS VERTICALLY – TYPICAL ALL MASONRY COLUMNS..
6. ALL MASONRY COLUMNS SHALL BE CONSTRUCTED USING "RUNNING BOND" CONSTRUCTION.





TYPICAL DETAIL – BEARING PLATES

SCALE: 1/2" = 1'-0"

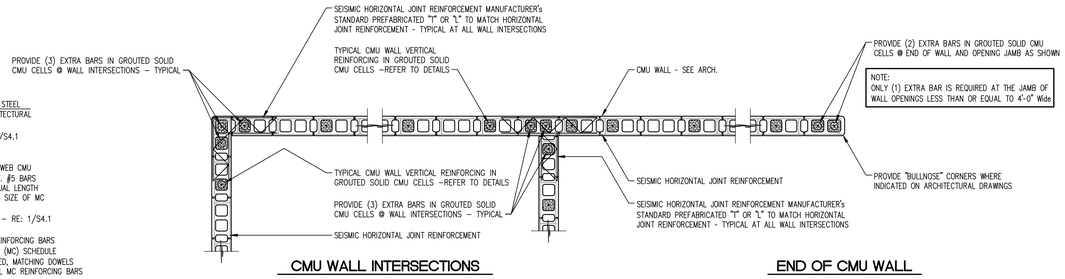
C S4.1

BEARING PLATE SCHEDULE

SUPPORTED STRUCTURAL MEMBER	"t" ⅛"	"B" ¼"	"L" ½"	"D" ⅛"	"SL" ¼"	REMARKS
"LH-SERIES" STEEL BAR JOIST	8	6"	10"	8	5"	LH02 thru LH12
"LH-SERIES" STEEL BAR JOIST	8	6"	12"	8	5"	LH13 thru LH17

NOTE: THE PLATE WIDTH (B) SHOWN IN THE SCHEDULE IS THE MINIMUM WIDTH REQUIRED FOR A SINGLE SPECIFIED STRUCTURAL MEMBER BEARING ON THE PLATE. WHERE ADJACENT SPANS OF STEEL "K" SERIES BAR JOISTS BEAR ON ONE (1) BEARING PLATE ON AN 8" CMU WALL, PROVIDE A 7" Wd. x 10" Lg. BEARING PLATE w/ (4) "NELSON STUDS" PER THIS DETAIL. WHERE ADJACENT SPANS OF "K" AND / OR "LH" SERIES BAR JOISTS BEAR ON ONE BEARING PLATE ON A 12" CMU WALL, PROVIDE AN 11" Square BEARING PLATE w/ (4) "NELSON STUDS" PER THIS DETAIL. IN ALL CASES USE THE LARGEST PLATE THICKNESS SPECIFIED IN THIS DETAIL FOR DIFFERENT MEMBERS BEING SUPPORTED ON A SINGLE PLATE.

★ NOTE: IT MAY BE NECESSARY FOR ADJACENT JOIST SPANS THAT BEAR ON A SINGLE BEARING PLATE TO BE STAGGERED TO ACHIEVE ADEQUATE BEARING – PLATE LENGTH SHALL BE INCREASED AS NECESSARY TO ACCOMMODATE THE STAGGER. COORDINATE REQUIRED PLATE LENGTH WITH THE JOIST FABRICATOR. ★



CMU WALL INTERSECTIONS

END OF CMU WALL

NOTE: THIS DETAIL SHOWS EXTRA VERTICAL BARS REQUIRED FOR CMU WALLS AT INTERSECTIONS, CORNERS AND ENDS OF WALLS 8" CMU WALLS ARE SHOWN - 12" CMU WALLS ARE SIMILAR - THE SIZE OF THE EXTRA BARS SHALL MATCH VERTICAL WALL BARS SPECIFIED FOR THE CMU WALL IN QUESTION – CMU WALL VERTICAL BARS SHALL BE CENTERED IN GROUTED SOLID CMU CELLS – PROVIDE FULLY DEVELOPED MATCHING DOWELS OUT OF THE FOUNDATION FOR ALL VERTICAL BARS IN CMU WALLS

TYPICAL DETAIL – CMU WALL REINFORCING

SCALE: 1/2" = 1'-0"

D S4.1

NOTE: INFORMATION AND DETAILS CONTAINED ON THIS SHEET ARE OFFICE STANDARDS – ALL MAY NOT APPLY TO THIS PROJECT.

SHERMAN CARTER BARNHART ARCHITECTS

WILLIAM GORDON JR. 19114 REGISTERED ARCHITECT COMMONWEALTH OF KENTUCKY

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

TYPICAL MASONRY DETAILS

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
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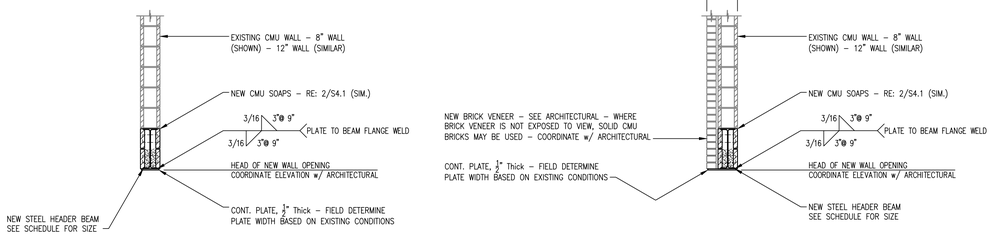
NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SHORING THE EXISTING MASONRY WALL PRIOR TO REMOVING CMU AND BRICK TO CREATE THE NEW WALL OPENINGS SHOWN ON THE ARCHITECTURAL DRAWINGS. THE SHORING SHALL BE MAINTAINED UNTIL AFTER THE NEW STEEL LINTELS AND MASONRY OVER NEW OPENINGS ARE IN PLACE. CONTRACTOR SHALL SUBMIT SHORING PLAN TO ARCHITECT FOR REVIEW PRIOR TO STARTING CONSTRUCTION.



NOTE:
WHERE THE STEEL BEAM IS NOT EXPOSED, THE PLATE MAY BE LOCATED AT THE TOP FLANGE OF THE BEAM & THE CMU SOAPS MAY BE ELIMINATED – COORDINATE w/ ARCHITECTURAL

NOTE:
NEW STEEL LINTEL BEAM TO BE SUPPORTED ON STEEL BEAM BEARING PLATE AT EACH END PER SECTION 1 ON THIS SHEET

HEADER FOR NEW OPENING IN EXISTING MASONRY WALL
EXIST WALL w/ BRICK (SHOWN) – EXIST. WALL w/o BRICK (SIMILAR)

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

A S4.2

NEW STEEL HEADER BEAM SCHEDULE

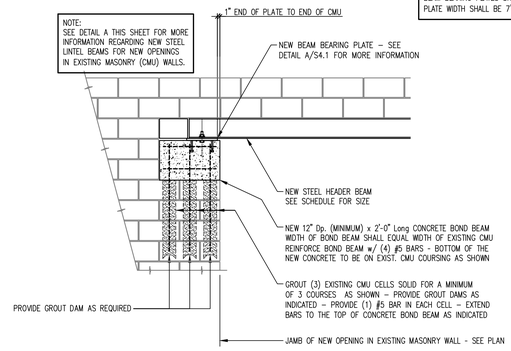
OPENING MARK NUMBER	MASONRY OPENING WIDTH	STEEL HEADER BEAM	BEAM BEARING PLATE	REMARKS
1	UP TO 3'–4"	W8x28+P	0.375"x7"x1'-0" Lg.	NEW DOOR OPENING IN EXISTING 8" CMU WALL
2	UP TO 6'–4"	W8x28+P	0.375"x7"x1'-0" Lg.	NEW DOOR OPENING IN EXISTING 8" CMU WALL
3	UP TO 9'–0"	W8x28+P	0.375"x7"x1'-0" Lg.	NEW DOOR OPENING IN EXISTING 8" CMU WALL
4	UP TO 12'–0"	W8x28+P	0.375"x7"x1'-0" Lg.	NEW DOOR OPENING IN EXISTING 8" CMU WALL
5	UP TO 15'–0"	W16x36+P	0.375"x7"x1'-3" Lg.	NEW DOOR OPENING IN EXISTING 8" CMU WALL

STEEL HEADER BEAM SCHEDULE NOTES:

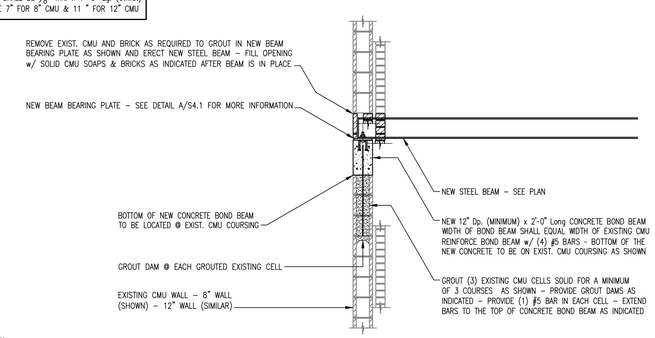
1. WALL OPENING MARK NUMBERS ARE IDENTIFIED IN HEXAGONS ON THE FRAMING PLANS FOR THE PLAN DIRECTLY ABOVE THE OPENING.
2. SEE DETAIL A & SECTION 1 ON THIS SHEET FOR MORE INFORMATION.
3. ALL STEEL BEAMS SHALL HAVE FLANGE PLATES PER DETAIL A ON THIS SHEET FOR MORE INFORMATION – AT EXTERIOR WALLS, FLANGE PLATES SHALL BE HOT–DIPPED GALVANIZED.
4. WHERE OPENINGS IN EXISTING MASONRY WALLS ARE SHOWN ON ARCHITECTRUAL DRAWINGS BUT NOT INDICATED ON STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL PROVIDE A NEW STEEL HEADER BEAM DETAILED PER THIS SCHEDULE USING THE OPENING THAT MOST CLOSELY RESEMBLES MASONRY OPENING IN QUESTION.
5. DETAIL B ON THIS SHEET MAY BE USED FOR OPENINGS LESS THAN 4'–8" WIDE WITH THE ARCHITECT'S APPROVAL

NOTE:
SEE DETAIL A THIS SHEET FOR MORE INFORMATION REGARDING NEW STEEL LINTEL BEAMS FOR NEW OPENINGS IN EXISTING MASONRY (CMU) WALLS.

NOTE:
BEAM BEARING PLATES SHALL BE ⅜" Thk. x 1'–0" Lg. (U.N.O.)
PLATE WIDTH SHALL BE 7" FOR 8" CMU & 11 " FOR 12" CMU



NEW STEEL BEAM PARALLEL TO EXISTING MASONRY WALL

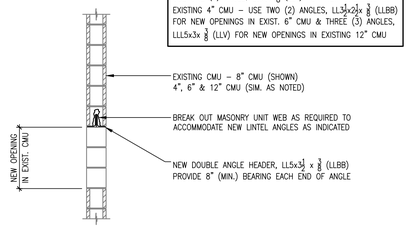


NEW STEEL BEAM PERPINDICULAR TO EXISTING MASONRY WALL

TYPICAL SECTION – STEEL BEAM ON EXISTING MASONRY (CMU) WALL
SCALE: 1/2" = 1'-0"

1 S4.2

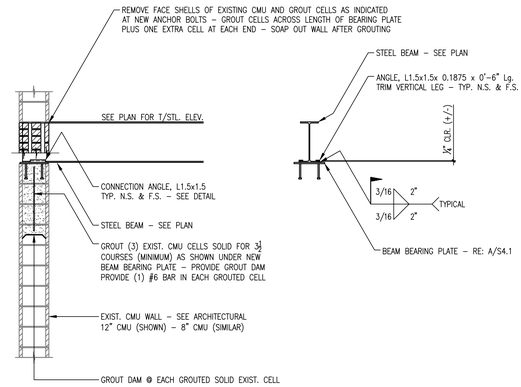
NOTE:
USE ONE (1) ANGLE, L5x3x ⅜ (LLV) FOR NEW OPENINGS IN EXISTING 4" CMU – USE TWO (2) ANGLES, LL3½x2½x ⅜ (LLBB) FOR NEW OPENINGS IN EXIST. 6" CMU & THREE (3) ANGLES, LLL5x3x ⅜ (LLV) FOR NEW OPENINGS IN EXISTING 12" CMU



NEW OPENING IN EXISTING MASONRY WALL
4'–8" = MAXIMUM OPENING SIZE FOR THIS DETAIL

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

B S4.2



STEEL BEAM ON EXISTING MASONRY FIRE WALL

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

C S4.2

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SHERMAN CARTER BARNHART ARCHITECTS
WILLIAM GREGSON JR. 19114 REGISTERED ARCHITECT KENTUCKY

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

TYPICAL MASONRY DETAILS

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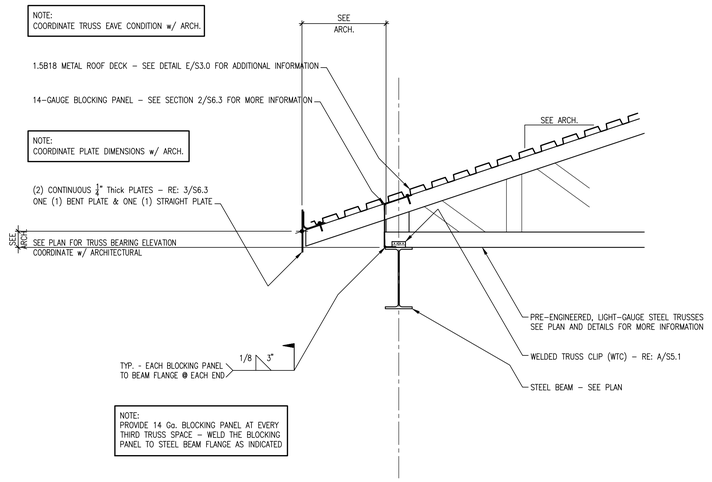
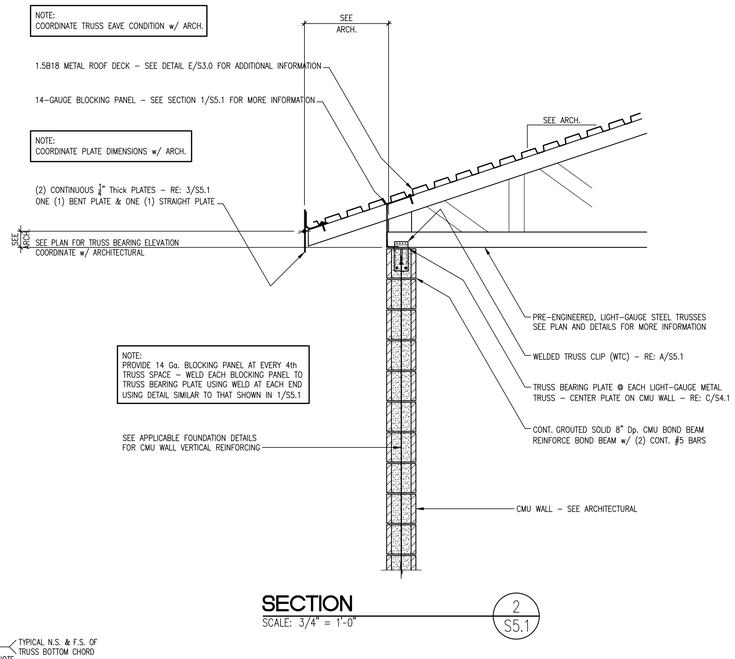


SECTION
SCALE: 3/4" = 1'-0"

1 S5.1



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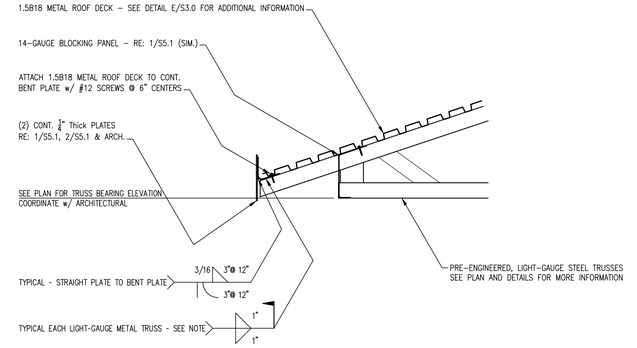
SCALE: 3/4" = 1'-0"

2 S5.1



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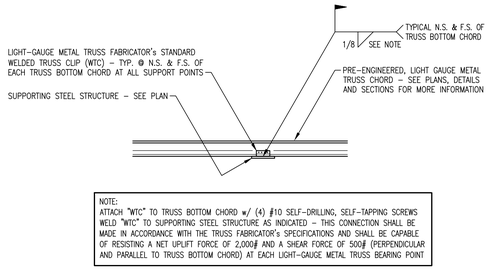
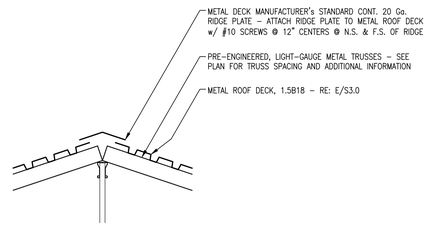
SCALE: 3/4" = 1'-0"

3 S5.1



TYPICAL DETAIL
SCALE: 3/4" = 1'-0"

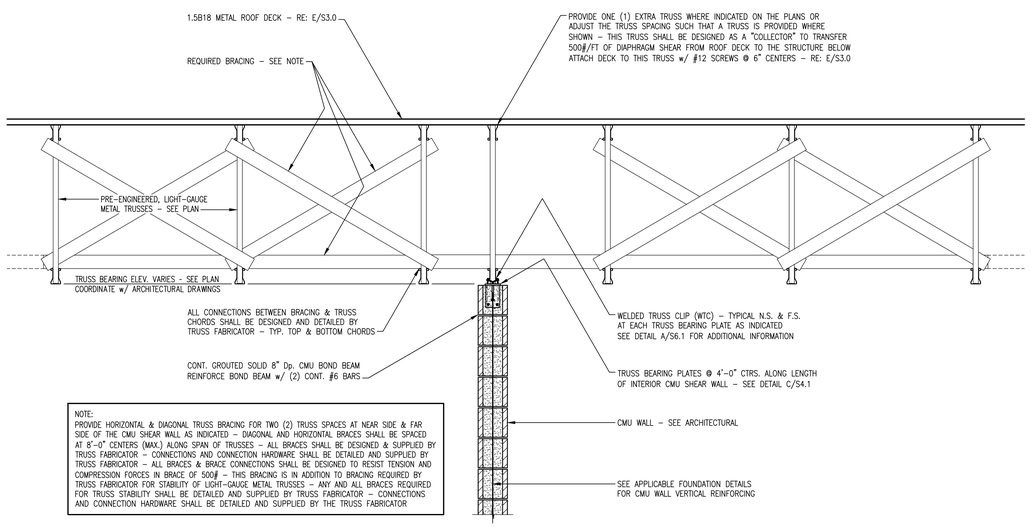
A S5.1



ROOF DECK RIDGE PLATE

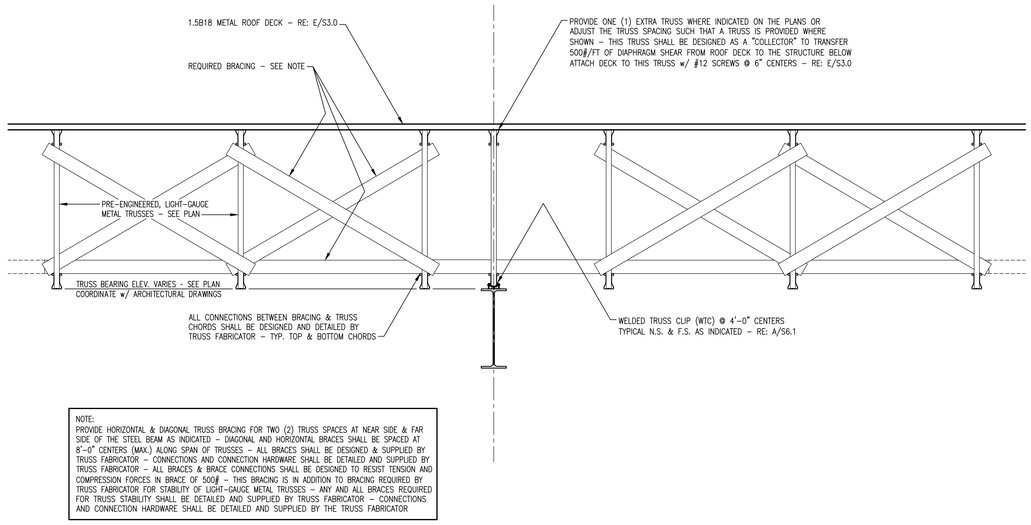
TYPICAL DETAIL
SCALE: 3/4" = 1'-0"

B S5.1



SECTION
SCALE: 3/4" = 1'-0"

4 S5.1



SECTION
SCALE: 3/4" = 1'-0"

5 S5.1

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COMMONWEALTH OF KENTUCKY
WILLIAM GIBSON JR.
16114
LICENSED ARCHITECT

FIELD HOUSE

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

ROOF FRAMING SECTIONS and DETAILS LIGHT–GAUGE METAL TRUSSES

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
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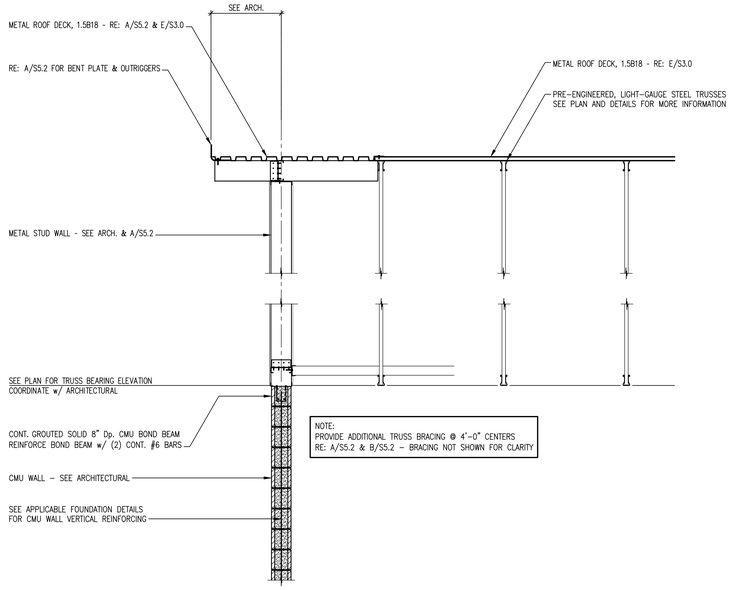
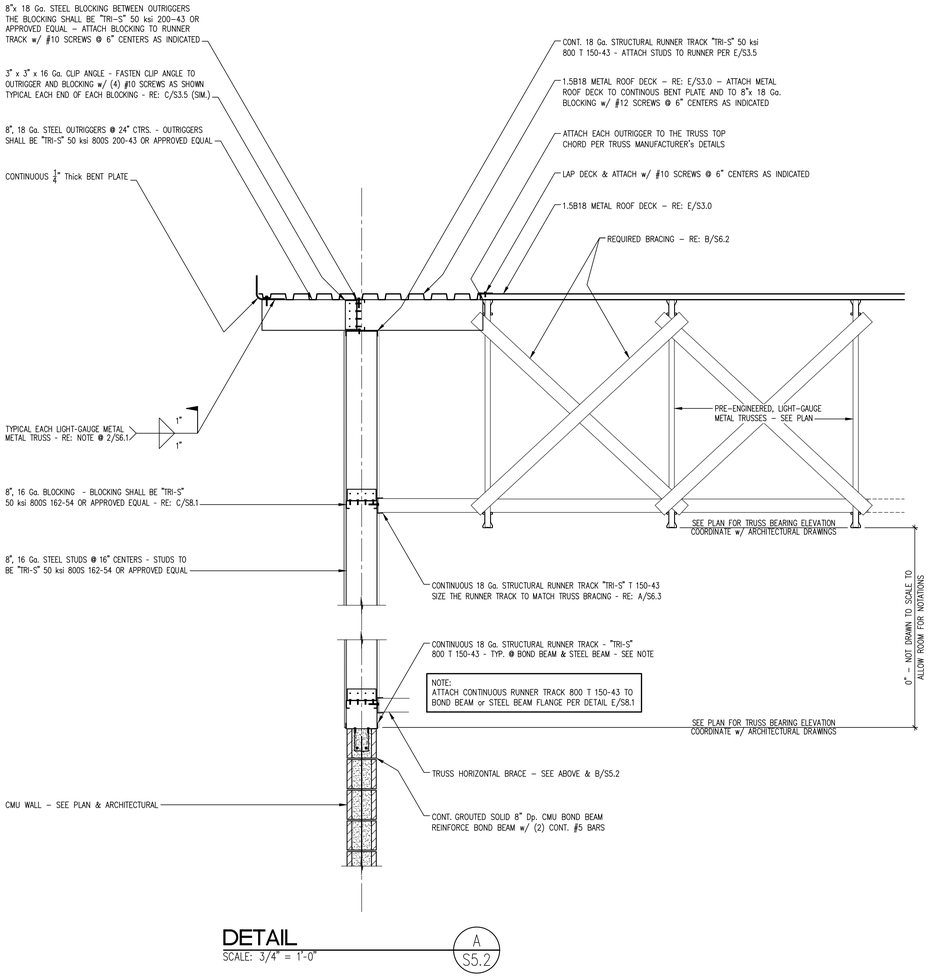
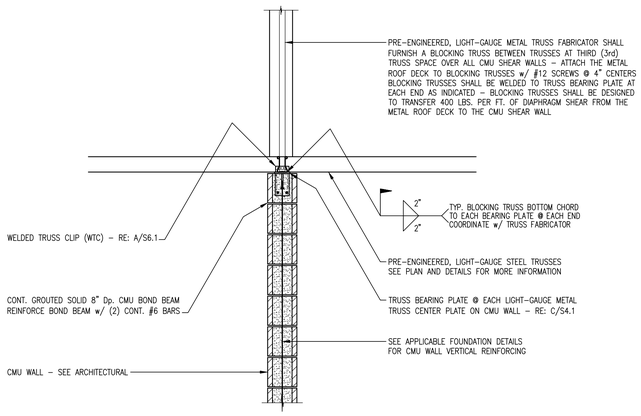


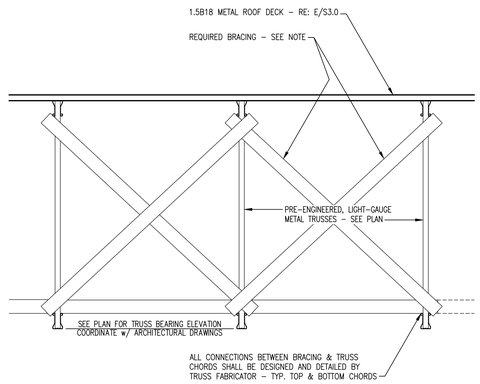
SECTION
SCALE: 1/2" = 1'-0"
1 S5.2



DETAIL
SCALE: 3/4" = 1'-0"
A S5.2

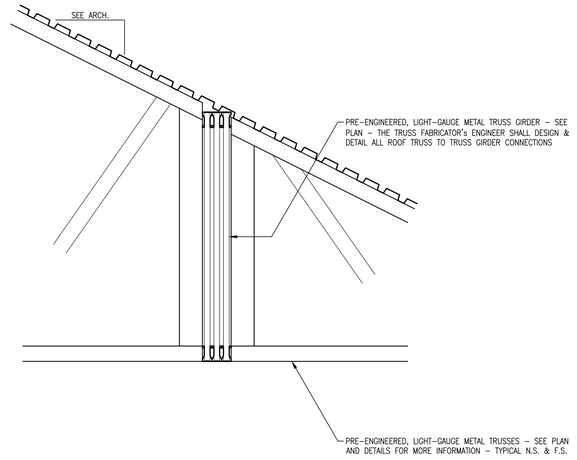


SECTION
SCALE: 3/4" = 1'-0"
2 S5.2



NOTE:
PROVIDE HORIZONTAL & DIAGONAL TRUSS BRACING FOR TWO (2) TRUSS SPACES AS INDICATED DIAGONAL AND HORIZONTAL BRACES SHALL BE SPACED AT 4'-0" CENTERS (MAX.) ALONG THE SPAN OF TRUSSES - ALL BRACES SHALL BE DESIGNED AND SUPPLIED BY TRUSS FABRICATOR CONNECTIONS AND CONNECTION HARDWARE SHALL BE DETAILED AND SUPPLIED BY THE TRUSS FABRICATOR - ALL BRACES AND BRACE CONNECTIONS SHALL BE DESIGNED TO RESIST TENSION AND COMPRESSION FORCES IN BRACE OF 500# - THIS BRACING IS IN ADDITION TO BRACES REQUIRED BY TRUSS FABRICATOR FOR STABILITY OF LIGHT-GAUGE METAL TRUSSES - ANY AND ALL BRACES REQUIRED FOR TRUSS STABILITY SHALL BE DETAILED AND SUPPLIED BY THE TRUSS FABRICATOR - CONNECTIONS AND CONNECTION HARDWARE SHALL BE DETAILED & SUPPLIED BY THE TRUSS FABRICATOR

DETAIL
SCALE: 3/4" = 1'-0"
B S5.2



SECTION
SCALE: 3/4" = 1'-0"
3 S5.2

PRE-ENGINEERED, LIGHT GAUGE STEEL TRUSSES:

A. ALL PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES ON THIS PROJECT SHALL BE DESIGNED, DETAILED, FABRICATED AND INSTALLED IN ACCORDANCE WITH THE "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STRUCTURAL MEMEBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI), LATEST EDITION.

B. THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES ON THIS PROJECT SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS AND REQUIREMENTS OUTLINED IN PUBLICATION RG-9518, "DESIGN GUIDE FOR COLD-FORMED STEEL TRUSSES", BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI), LATEST EDITION.

C. THE ROOF FRAMING PLAN AND TRUSS CONFIGURATIONS SHOWN ON THE CONTRACT DOCUMENTS ARE FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL LAYOUT AND CONFIGURATIONS OF PRE-ENGINEERED, LIGHT-GAUGE STEEL TRUSSES ON THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE TRUSS FABRICATOR's "TRUSS DESIGN ENGINEER" (TDE) WITH THE ADVICE AND CONSENT OF THE STRUCTURAL ENGINEER OF RECORD (SER). THE TDE IS RESPONSIBLE FOR PRODUCING A ROOF FRAMING PLAN AND TRUSS CONFIGURATIONS THAT WILL ACHIEVE THE APPEARANCE OF THE ROOF AS SHOWN AND DETAILED ON THE ARCHITECTURAL DRAWINGS.

D. THE LOAD BEARING MEMBERS (TOP & BOTTOM CHORDS AND WEB MEMEBERS) OF THE STEEL TRUSSES SHALL BE FABRICATED FROM COLD-FORMED STEEL CONFORMING TO ASTM A653 WITH THE FOLLOWING MINIMUM YIELD STRENGTHS (Fy):

CHORD MEMBERS -	Fy	= 55,000 psi
WEB MEMBERS -	Fy	= 45,000 psi

E. THE ROOF TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED GRAVITY LOADS:

TOP CHORD LIVE LOAD	= 30 psf
TOP CHORD DEAD LOAD	= 15 psf
BOTTOM CHORD DEAD LOAD	= 10 psf
CONCENTRATED LOAD @ ANY LOCATION ON THE TRUSS	= 250 pounds
CONCENTRATED LOAD @ ANY TRUSS PANEL POINT	= 750 pounds

F. THE TRUSS DESIGN ENGINEER (TDE) SHALL FURNISH DETAILS FOR ALL BRACING, BRIDGING AND ANY OTHER MISCELLANEOUS FRAMING REQUIRED TO ENSURE THE STRUCTURAL INTEGRITY AND STABILITY OF THE STEEL TRUSSES AND THE STEEL TRUSS SYSTEM.

G. TRUSSES SHALL BE DESIGNED FOR WIND AND SEISMIC LOADS IN ACCORDANCE WITH CHAPTER 16 OF THE KENTUCKY BUILDING CODE (KBC).

H. THE TRUSS FABRICATOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL LIGHT-GAUGE STEEL TRUSSES TO THE ARCHITECT / SER FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE PREPARED, CERTIFIED, STAMPED AND SIGNED BY THE TRUSS DESIGN ENGINEER (TDE). THE TDE SHALL BE A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE COMMONWEALTH OF KENTUCKY AND EXPERIENCED IN STRUCTURAL ENGINEERING ASSOCIATED WITH LIGHT-GAUGE METAL FRAMING.

J. THE TRUSS FABRICATOR IS RESPONSIBLE FOR DELIVERY OF THE LIGHT-GAUGE STEEL TRUSSES TO THE JOB SITE. THE GENERAL CONTRACTOR SHALL RECEIVE, UNLOAD, PROPERLY STORE AND PROTECT THE TRUSSES IN ACCORDANCE WITH THE FABRICATOR's INSTRUCTIONS OR WITH THE TERMS OF THE SPECIFICATIONS.

K. THE TRUSS DESIGN ENGINEER (TDE) SHALL DESIGN AND DETAIL ALL TRUSS TO GIRDER TRUSS CONNECTIONS, TRUSS TO RIDGE TRUSS CONNECTIONS, TRUSS TO VALLEY TRUSS CONNECTIONS, TRUSS BRACING TO TRUSS CONNECTIONS, TRUSS SEAT TO SUPPORTING STEEL STRUCTURE CONNECTIONS, ETC. THE LIGHT-GAUGE TRUSS FABRICATOR SHALL FURNISH ALL HARDWARE NECESSARY TO MAKE CONNECTIONS.

★★ L. THE LIGHT-GAUGE METAL TRUSSES SHALL BE DESIGNED TO SUPPORT VARIOUS LOADS DUE TO PIPES, DUCT WORK, CONDUIT, FOLDING PARTITIONS AND ANY AND ALL OTHER SUCH ARCHITECTURAL, MECHANICAL, PLUMBING, HVAC AND ELECTRICAL COMPONENTS. THE CONTRACTOR SHALL COORDINATE THE LOCATION AND MAGNITUDE OF ALL SUCH LOADS BETWEEN THE METAL TRUSS FABRICATOR & THE VARIOUS TRADE SUB-CONTRACTORS. THE TRUSS DESIGN ENGINEER (TDE) SHALL INCLUDE THESE WEIGHTS IN THE DESIGN OF THE TRUSSES. THE COST OF ANY REMEDIAL STRUCTURAL WORK TO THE LIGHT-GAUGE METAL TRUSSES THAT RESULTS FROM FAILURE TO ADEQUATELY COORDINATE THE WORK OF ANY TRADE CONTRACTOR WITH THE METAL TRUSS FABRICATOR OR, THAT RESULTS FROM THE FAILURE OF THE TRUSS DESIGN ENGINEER TO INCLUDE ANY OF THOSE ELEMENTS IN THE DESIGN OF THE TRUSSES SHALL BE BORNE BY THE CONTRACTORS. SIGNIFICANT MECHANICAL, ELECTRICAL, PLUMBING, ETC. LOADS SHALL BE ATTACHED TO LIGHT-GAUGE STEEL TRUSSES IN ACCORDANCE WITH DETAILS FURNISHED BY THE TRUSS DESIGN ENGINEER. ALL SIGNIFICANT CONCENTRATED LOADS SHALL BE INDICATED ON TRUSS SHOP DRAWINGS BY THE TDE. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY SPECIAL HARDWARE NECESSARY FOR SUPPORTING PIPING, DUCT WORK, CONDUIT, ETC. FROM THE METAL TRUSSES.

N. ALL LIGHT-GAUGE STEEL COMPONENTS USED IN THE FABRICATION OF STEEL TRUSSES SHALL BE ZINC COATED (GALVANIZED) IN ACCORDANCE WITH REQUIREMENTS OF ASTM A525, G60 (MINIMUM).

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECT WILLIAM GIBSON JR. 16114 REGISTERED

FIELD HOUSE

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

ROOF FRAMING SECTIONS and DETAILS
LIGHT-GAUGE METAL TRUSSES

JOB NO.	2459
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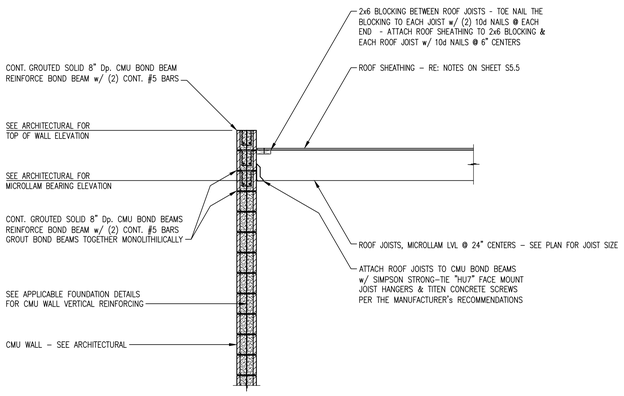

SECTION 1 / S5.3
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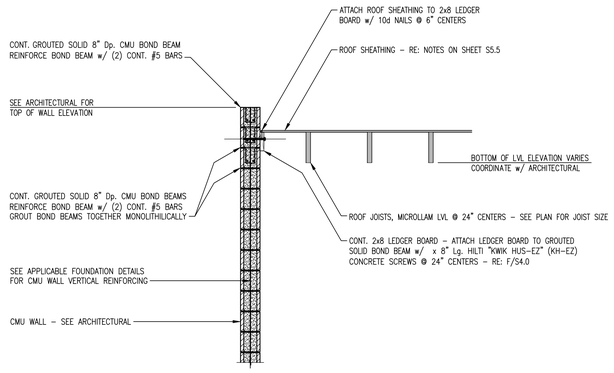

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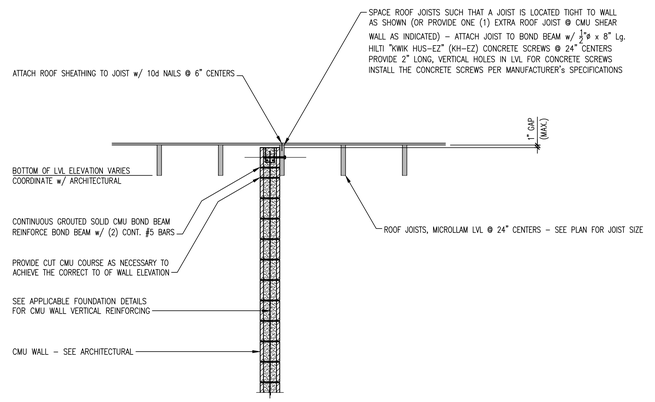

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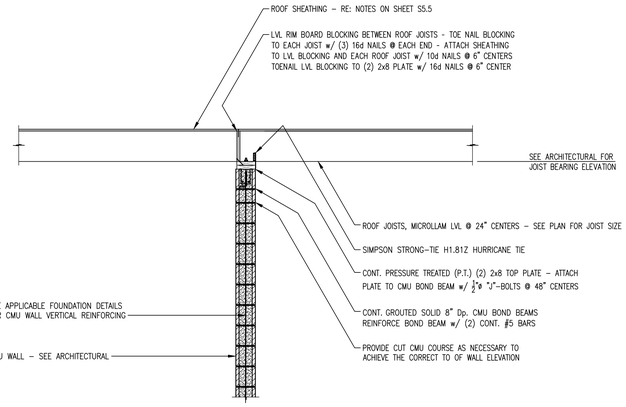

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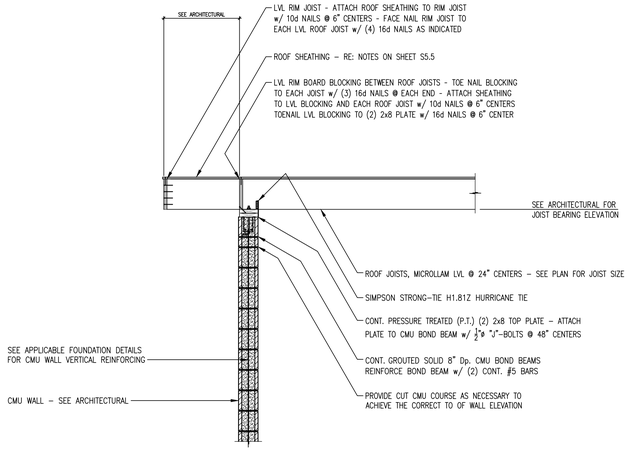

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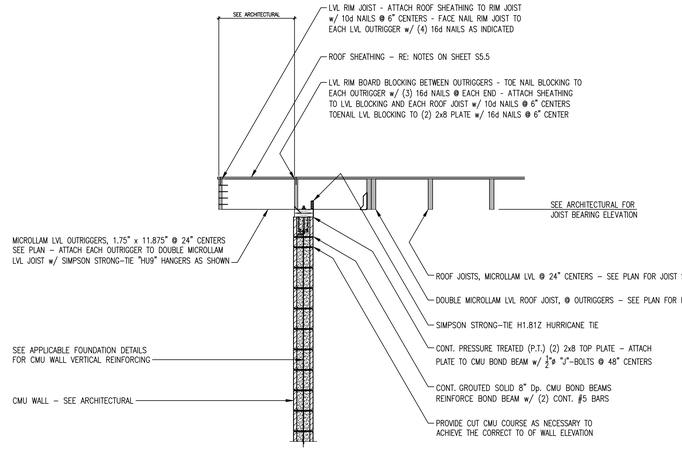

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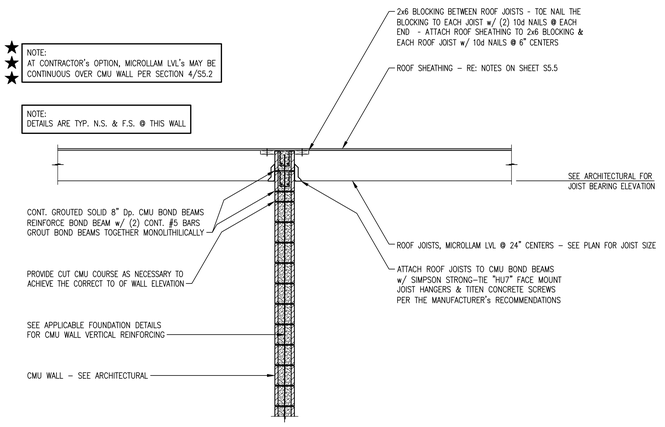

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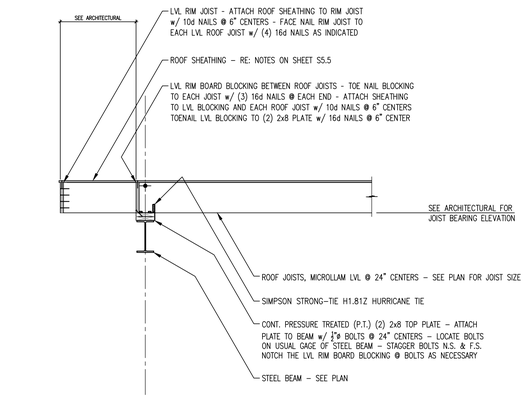

SECTION 8 / S5.3
SCALE: 1/2" = 1'-0"

NOTE:
SEE SHEET S5.5 FOR NOTES PERTAINING TO WOOD CONSTRUCTION, SHEATHING & WOOD TRUSSES

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER WILLIAM GIBSON JR. 19114

FIELD HOUSE

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

ROOF FRAMING SECTIONS and DETAILS MICROLLAM LVL RAFTERS

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
CHECKED	WEG

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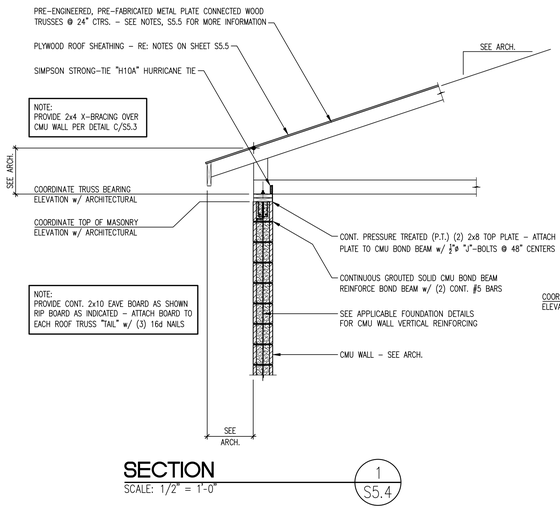
REVISIONS

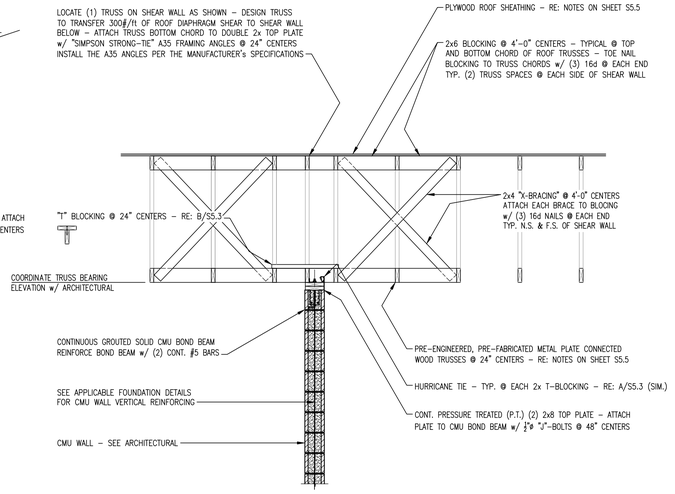
No.	Description	Date

SHEET

S5.3



SECTION
SCALE: 1/2" = 1'-0"
1 S5.4



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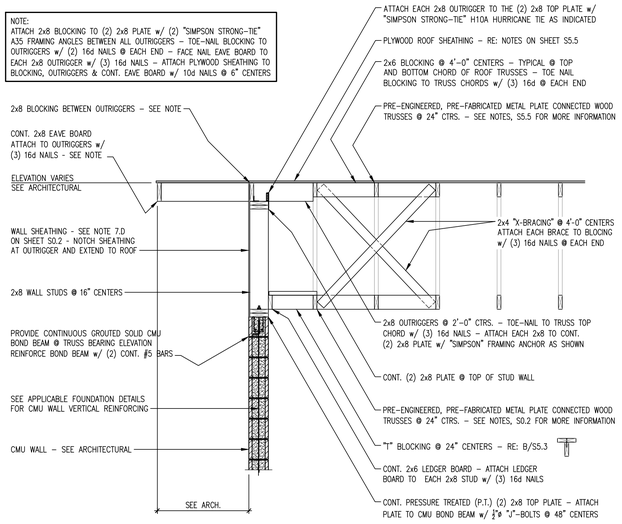
2 S5.4



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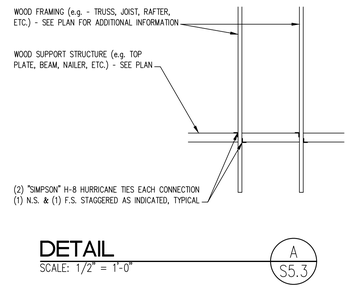
3 S5.4



DETAIL
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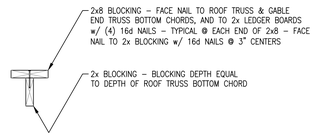
A S5.3



DETAIL
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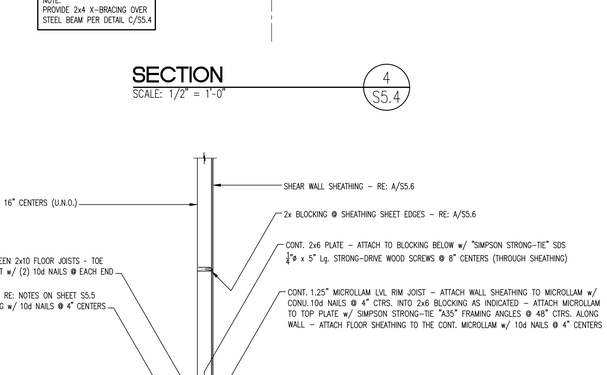
B S5.4



SECTION
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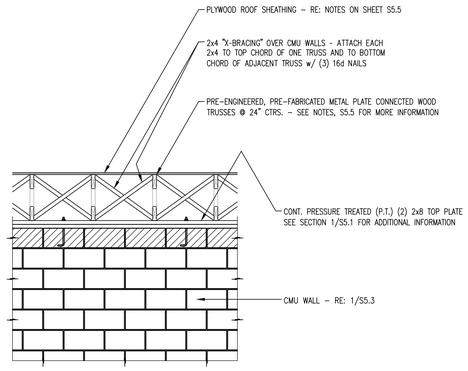
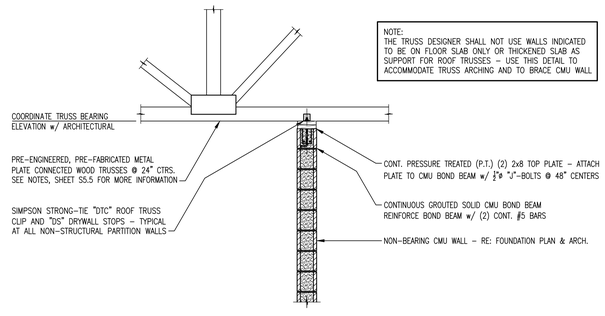
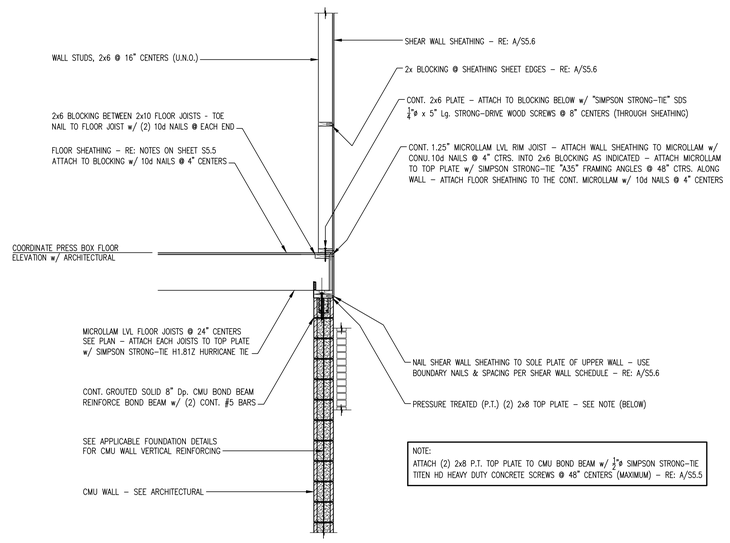
4 S5.4



DETAIL
SCALE: 1/2" = 1'-0"
C S5.4



TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
D S5.4



SECTION
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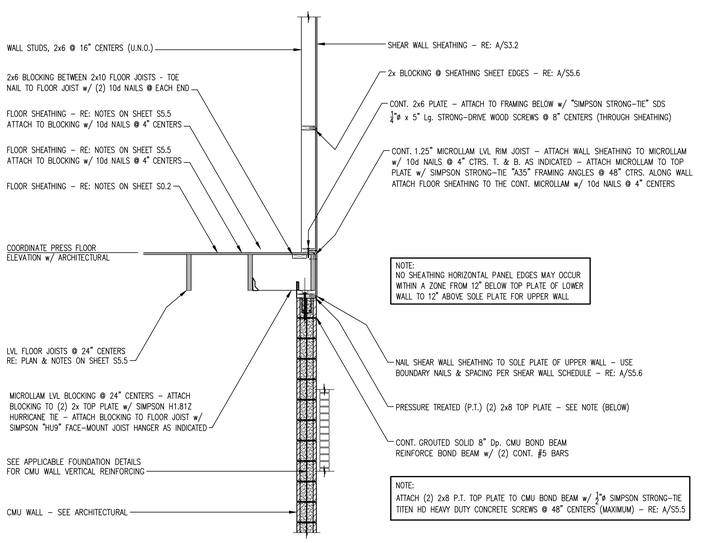
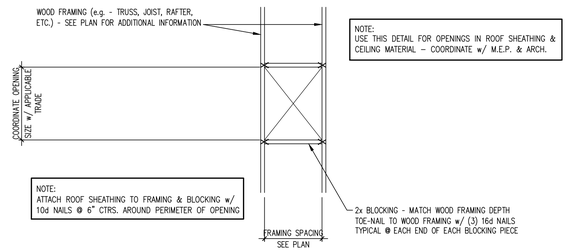
5 S5.4



SECTION
SCALE: 1/2" = 1'-0"
6 S5.4



OPENING IN SHEATHING

TYPICAL DETAIL
SCALE: 1/2" = 1'-0"
E S5.4

NOTE:
SEE SHEET S5.5 FOR NOTES PERTAINING TO WOOD CONSTRUCTION, SHEATHING & WOOD TRUSSES

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY WILLIAM GIBSON JR. 19114 REGISTERED ARCHITECT

VARIOUS BUILDINGS
ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

FLOOR + ROOF FRAMING SECTIONS + DETAILS

JOB NO.	2459
DATE	03/24/2026
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REVISIONS

No.	Description	Date

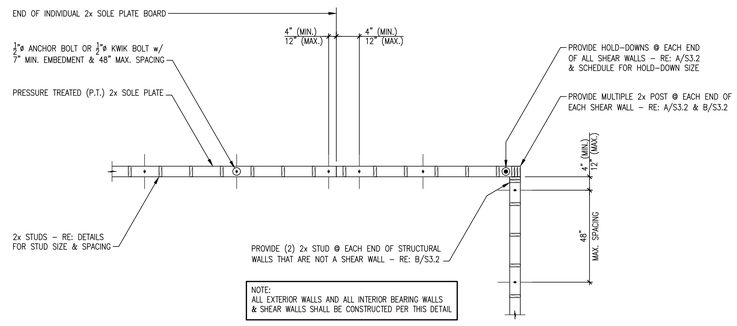
SHEET
S5.4

HEADER SCHEDULE

HEADER MARK No.	MAX. ROUGH OPENING WIDTH	BEAM / HEADER SIZE	BEAM / HEADER TYPE	TRIMMER STUDS (5)	KING STUDS (5)	REMARKS
L1	3'-0"	2x8		(2) 2x	(2) 2x	
L2	4'-4"	2x10		(2) 2x	(3) 2x	
L3	5'-4"	2x10		(3) 2x	(3) 2x	
L4	6'-4"	2x12		(3) 2x	(4) 2x	
L5	8'-0"	2x12		(3) 2x	(4) 2x	

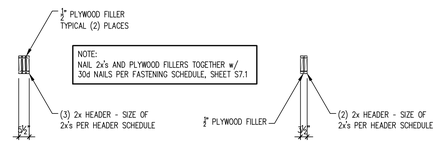
NOTES:

1. SEE DETAIL B/S5.5 FOR CONSTRUCTION OF TYPE "A" & TYPE "B" HEADERS. USE TYPE "A" HEADERS IN 2x6 STUD WALLS & TYPE "B" HEADERS IN 2x4 STUD WALLS.
2. INTERIOR NON-BEARING WALLS ARE NON-STRUCTURAL PARTITION WALLS. ANY OPENINGS REQUIRED IN NON-STRUCTURAL PARTITION WALLS SHALL BE TYPE "A" or TYPE "B" (AS APPROPRIATE) HEADERS MADE USING 2x6's (UP TO 5'-4" OPENINGS), 2x8's (UP TO 8'-4" OPENINGS) OR 2x10's (UP TO 11'-4" OPENINGS).
3. THE "ROUGH OPENING WIDTH" OF ALL WALL OPENINGS IN STRUCTURAL WALLS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE ROUGH OPENING WIDTH SHALL BE THE WINDOW / DOOR SIZE + 1" (U.N.O.) IF OPENING WIDTH SHOWN ON THE ARCHITECTURAL DRAWINGS IS DIFFERENT FROM THAT SHOWN HEREIN, CONTACT ARCHITECT FOR DIRECTIONS BEFORE PROCEEDING WITH CONSTRUCTION.
4. SEE DETAIL A/S5.6 FOR ADDITIONAL INFORMATION REGARDING FRAMING WALL OPENINGS IN STRUCTURAL WALLS.
5. KING AND TRIMMER STUDS SHALL BE THE SAME SIZE, SPECIES AND GRADE AS THE TYPICAL WALL STUDS IN THE WALL UNDER CONSIDERATION.



STRUCTURAL WALL - SOLE PLATE ANCHORING

TYPICAL DETAIL A S5.5
SCALE: 3/8" = 1'-0"



TYPE "A" HEADER

TYPE "B" HEADER

TYPICAL DETAIL B S5.5
SCALE: 3/8" = 1'-0"

WOOD FRAMING CONSTRUCTION:

A. THE CONSTRUCTION DETAILS USED IN ALL WOOD FRAMING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE "AMERICAN INSTITUTE OF TIMBER CONSTRUCTION" (AITC) AS WELL AS THE NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION PUBLISHED BY THE "AMERICAN FOREST & PAPER ASSOCIATION" (AFPA) AND THE "AMERICAN WOOD COUNCIL (AWC)", LATEST EDITION OF EACH.

B. ALL LUMBER USED IN STRUCTURAL FRAMING ON THIS PROJECT SHALL BE OF A SPECIES AND GRADE SUCH THAT THE FOLLOWING MINIMUM DESIGN VALUES FOR A 2x6 ARE MET:
ALLOWABLE BENDING STRESS, Fb = 1,250 psi (SINGLE USE)
MODULUS OF ELASTICITY, E = 1,600,000 psi

C. SUBJECT TO APPROVAL, SOUTHERN YELLOW PINE (SYP) No. 2 WILL MEET THE REQUIREMENTS FOR STRUCTURAL FRAMING LUMBER LISTED ABOVE.

D. LUMBER USED IN STRUCTURAL FRAMING SHALL BE "VISUALLY GRADED" AND CERTIFIED TO MEET THE DESIGN VALUES LISTED IN NOTES B ABOVE.

E. ALL METAL FRAMING CONNECTORS SHOWN ON THE DRAWINGS SHALL BE THE PRODUCTS OF THE "SIMPSON STRONG-TIE COMPANY, INC.; 2600 INTERNATIONAL STREET; COLUMBUS, OHIO 43228" (OR APPROVED EQUAL). METAL FRAMING CONNECTORS TO BE USED WITH PRESSURE TREATED LUMBER THAT IS EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED TO THE REQUIREMENTS OF ASTM A653 G185 (1.85 OUNCES OF ZINC PER SQUARE FOOT) ON BOTH SIDES. SUBJECT TO APPROVAL, SIMPSON STRONG-TIE "ZMAX" FRAMING CONNECTORS MEET THIS REQUIREMENT. ALL METAL FRAMING CONNECTORS SHALL BE APPROPRIATE FOR THE CONNECTION UNDER CONSIDERATION AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER's INSTRUCTIONS AND SPECIFICATIONS.

F. WHERE "MICROLLAM" BEAMS ARE INDICATED ON PLANS, THE CONTRACTOR SHALL FURNISH AND INSTALL 1.9E MICROLLAM LVL MEMBERS OF THE SIZE SPECIFIED. MICROLLAM's SHALL BE THE PRODUCTS OF "TRUS JOIST, A WEYERHAEUSER BUSINESS; 6460 BUSCH BLVD., SUITE 200; COLUMBUS, OHIO 43229" OR APPROVED EQUAL. MICROLLAM INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER's SPECIFICATIONS.

G. ALL ENGINEERED WOOD PRODUCTS (MICROLLAMS) USED ON THIS PROJECT SHALL BE HANDLED, STORED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER's RECOMMENDATIONS AND SPECIFICATIONS. ENGINEERED WOOD PRODUCTS SHALL NOT BE FIELD MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE PRODUCT MANUFACTURER AND THE ARCHITECT.

H. SLOPED ROOF SHEATHING FOR THIS PROJECT SHALL BE APA RATED STRUCTURAL SHEATHING 32/16, EXPOSURE 1, TONGUE & GROOVE, 48" x 96" SHEETS WITH LONG DIMENSION PERPENDICULAR TO THE ROOF FRAMING (TRUSSES, RAFTERS OR ROOF JOISTS). ROOF SHEATHING SHALL BE NAILED TO ROOF FRAMING w/ 10d NAILS @ 6" CENTERS ALONG SUPPORTED EDGES OF SHEETS AND @ 12" CENTERS ALONG INTERMEDIATE ROOF FRAMING. $\frac{19}{32}$" Thick PLYWOOD SHALL BE USED FOR ROOF SHEATHING. ORIENTED STRAND BOARD (OSB) IS NOT PERMITTED FOR USE AS ROOF SHEATHING.

J. FLAT (LOW SLOPE) ROOF SHEATHING FOR THIS PROJECT SHALL CONSIST OF APA RATED STRUCTURAL SHEATHING - 32/16, EXPOSURE 1, TONGUE & GROOVE, 48" x 96" SHEETS WITH THE LONG DIMENSION PERPENDICULAR TO THE ROOF JOISTS. ROOF SHEATHING SHALL BE NAILED TO ROOF FRAMING w/ 10d NAILS @ 6" CENTERS ALONG SUPPORTED EDGES OF SHEETS AND @ 12" CENTERS ALONG INTERMEDIATE ROOF FRAMING. $\frac{23}{32}$" PLYWOOD SHALL BE USED FOR FLAT ROOF SHEATHING LAYER. ORIENTED STRAND BOARD (OSB) IS NOT PERMITTED FOR USE AS ROOF SHEATHING.

K. PRESS BOX FLOOR SHEATHING FOR THIS PROJECT SHALL CONSIST OF ONE (1) LAYER OF APA RATED STRUCTURAL SHEATHING - 32/16, EXPOSURE 1, TONGUE & GROOVE, 48" x 96" SHEETS WITH LONG DIMENSION PERPENDICULAR TO SUPPORTING STRUCTURAL FRAMING (TRUSSES OR FLOOR JOISTS). FLOOR SHEATHING SHALL BE NAILED TO SUPPORTING STRUCTURAL FRAMING w/ 10d NAILS @ 6" CENTERS ALONG SUPPORTED EDGES OF THE SHEETS AND @ 12" CENTERS ALONG INTERMEDIATE STRUCTURAL FRAMING. $\frac{23}{32}$" Thk. PLYWOOD SHALL BE USED AS FLOOR SHEATHING. ORIENTED STRAND BOARD (OSB) IS NOT PERMITTED FOR USE AS FLOOR SHEATHING.

L. SHEAR WALL SHEATHING (PRESS BOX & TICKET BOOTHS) SHALL CONSIST OF ONE (1) LAYER OF $\frac{7}{16}$" (MINIMUM THICKNESS) APA RATED STRUCTURAL SHEATHING, 32/16, EXPOSURE 1, 48" x 96" SHEETS WITH LONG DIMENSION PERPENDICULAR TO SUPPORTING STRUCTURAL FRAMING (WALL STUDS). WALL SHEATHING SHALL BE ATTACHED TO THE SUPPORTING STRUCTURAL FRAMING w/ 10d NAILS @ 6" CENTERS ALONG SHEET EDGES & 10d NAILS @12" CENTERS ALONG INTERMEDIATE FRAMING MEMBERS. AT GABLE ENDS, WALL SHEATHING SHALL EXTEND TO THE TOP CHORD OF THE GABLE END TRUSS AND SHALL BE NAILED TO THE TOP & BOTTOM CHORDS & WEB MEMBERS OF THAT TRUSS w/ 10d NAILS @ 6" CENTERS. EITHER PLYWOOD or OSB IS ACCEPTABLE FOR USE AS WALL SHEATHING - RE: SHEET S5.6

M. WHERE A UL RATED ASSEMBLY IS REQUIRED PER THE ARCHITECTURAL DRAWINGS, SHEATHING THICKNESS, AS WELL AS FASTENER SIZE AND SPACING SHALL BE THE MORE RESTRICTIVE BETWEEN THAT SPECIFIED IN THE STRUCTURAL DRAWINGS OR BY THE UL ASSEMBLY REQUIREMENTS.

N. SEE SHEET S7.1 FOR WOOD FRAMING FASTENER SCHEDULE.

PRE-ENGINEERED METAL PLATE CONNECTED WOOD TRUSSES:

A. ALL PRE-ENGINEERED, PRE-FABRICATED, METAL-PLATE CONNECTED WOOD TRUSSES ON THIS PROJECT SHALL BE DESIGNED, FABRICATED, HANDLED AND ERECTED IN ACCORDANCE WITH RECOMMENDATIONS, REQUIREMENTS AND SPECIFICATIONS OUTLINED IN THE PUBLICATIONS OF THE "TRUSS PLATE INSTITUTE" (TPI), LATEST EDITION.

B. STRUCTURAL DESIGN OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE "AMERICAN INSTITUTE OF TIMBER CONSTRUCTION" (AITC) AND THE "NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION" PUBLISHED BY THE "AMERICAN FOREST & PAPER ASSOCIATION" (AFPA) AND THE "AMERICAN WOOD COUNCIL" (AWC), LATEST EDITION OF EACH.

★★C. PER PARAGRAPH 1704.2.5 OF THE KENTUCKY BUILDING CODE, SPECIAL INSPECTIONS ARE REQUIRED ON THE PREMISES OF THE SHOP FABRICATING WOOD TRUSSES FOR THIS PROJECT. THE OWNER WILL ENGAGE AN INDEPENDENT TESTING AND INSPECTION FIRM (HEREINAFTER REFERED TO AS THE "INSPECTOR") TO PERFORM THESE INSPECTIONS. THE FAB SHOP SHALL RE-IMBURSE THE OWNER FOR THE COSTS OF THESE SPECIAL INSPECTIONS. WOOD TRUSS FABRICATION SHOPS THAT ARE MEMBERS OF THE WOOD TRUSS COUNCIL (WTC) OR THE TRUSS PLATE INSTITUTE (TPI) ARE DEEMED TO MEET THE EXCEPTION IN 1704.2.5.1 & 1704.2.5.2 OF THE KENTUCKY BUILDING CODE AND ARE EXEMPT FROM THIS REQUIRMENT. AT THE COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION COCUMENTS.

D. THE FRAMING PLANS AND TRUSS CONFIGURATIONS SHOWN ON CONTRACT DOCUMENTS ARE FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL LAYOUT AND CONFIGURATIONS OF THE WOOD TRUSSES ON THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE TRUSS FABRICATOR's "TRUSS DESIGN ENGINEER" (TDE) WITH ADVICE AND CONSENT OF THE STRUCTURAL ENGINEER OF RECORD (SER). THE TDE IS RESPONSIBLE FOR PRODUCING A ROOF FRAMING PLAN AND TRUSS CONFIGURATIONS THAT WILL ACHIEVE THE APPEARANCE OF THE ROOF AS SHOWN AND DETAILED ON THE ARCHITECTURAL DRAWINGS.

E. THE TOP AND BOTTOM CHORDS OF THE WOOD TRUSSES SHALL BE FABRICATED USING LUMBER OF A SPECIES, GRADE AND MOISTURE CONTENT SUCH THAT THE FOLLOWING MINIMUM DESIGN VALUES FOR A SINGLE MEMBER ARE MET:
ALLOWABLE BENDING STRESS, Fb = 1,650 psi
MODULUS OF ELASTICITY, E = 1,600,000 psi

F. LUMBER USED TO FABRICATE THE TOP & BOTTOM CHORDS OF WOOD TRUSSES SHALL BE MACHINE STRESS RATED (MSR) AND CERTIFIED TO MEET THE DESIGN VALUES LISTED ABOVE. THE GRADE OF LUMBER USED TO FABRICATE TRUSS WEB MEMBERS SHALL BE AT THE TRUSS FABRICATOR's OPTION.

G. ROOF TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED GRAVITY LOADS:

ROOF LIVE LOAD (U.N.O.)	PER NOTES ON S0.1
TOP CHORD DEAD LOAD	20 psf
BOTTOM CHORD LIVE LOAD	10 psf
BOTTOM CHORD DEAD LOAD	10 psf

H. THE TRUSSES SHALL BE DESIGNED FOR WIND AND / OR SEISMIC LOADS IN ACCORDANCE WITH CHAPTER 16 OF THE KENTUCKY BUILDING CODE (KBC), LATEST EDITION.

J. THE TRUSS DESIGN ENGINEER (TDE) SHALL FURNISH DETAILS FOR ALL BRACING, BRIDGING AND OTHER MISCELLANEOUS FRAMING REQUIRED TO ENSURE THE STRUCTURAL INTEGRITY AND STABILITY OF THE WOOD TRUSSES.

K. PRIOR TO TRUSS FABRICATION, THE CONTRACTOR SHALL COORDINATE BETWEEN THE TRUSS DESIGN ENGINEER (TDE) AND ALL SUB-CONTRACTORS TO ENSURE THAT ALL FIELD ATTACHMENTS (e.g. MECHANICAL, ELECTRICAL, PLUMBING, ETC.) THAT IMPART SIGNIFICANT LOADS (i.e. LOADS > 200 POUNDS) TO THE WOOD TRUSSES ARE BROUGHT TO THE ATTENTION OF THE TDE. SIGNIFICANT LOADS,(MECHANICAL, ELECTRICAL, PLUMBING, ETC.) SHALL BE ATTACHED TO THE WOOD TRUSSES AT TRUSS PANEL POINTS ONLY. THE TDE SHALL FURNISH SUITABLE DETAILS TO BE USED IN ATTACHING LOADS TO THE WOOD TRUSS.

L. THE CONTRACTOR SHALL COORDINATE BETWEEN TRUSS SUPPLIER & M.E.P. SUB-CONTRACTOR TO ENSURE THAT NO CONFLICTS OCCUR BETWEEN TRUSSES AND UTILITIES. THE TRUSS LAYOUT SHALL PROVIDE FOR ADEQUATE CLEARANCE FOR WATER CLOSET SOIL LINES, MOP SINK DRAINS, ETC.

M. THE TRUSS DESIGN ENGINEER (TDE) SHALL DESIGN AND DETAIL ALL TRUSS TO GIRDER TRUSS CONNECTIONS, TRUSS TO RIDGE TRUSS CONNECTIONS, RIDGE TRUSS TO GIRDER TRUSS CONNECTIONS, ETC. THE METAL PLATE CONNECTED WOOD TRUSS FABRICATOR SHALL FURNISH ALL HARDWARE NECESSARY TO MAKE THE CONNECTIONS.

N. THE TRUSS FABRICATOR SHALL DETAIL AND FURNISH ALL VALLEY TRUSS SETS AND / OR OVERLAY FRAMING NECESSARY TO ACHIEVE THE ROOF LINES SHOWN ON THE ARCHITECTURAL DRAWINGS.

O. THE TRUSS FABRICATOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL WOOD TRUSSES TO THE ARCHITECT FOR REVIEW. DRAWINGS AND CALCULATIONS SHALL BE PREPARED, STAMPED AND SIGNED BY THE TRUSS DESIGN ENGINEER (TDE). THE TDE SHALL BE A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE COMMONWEALTH OF KENTUCKY AND EXPERIENCED IN STRUCTURAL ENGINEERING.

P. THE TRUSS FABRICATOR IS RESPONSIBLE FOR DELIVERY OF THE WOOD TRUSSES TO THE JOB SITE. THE GENERAL CONTRACTOR SHALL RECEIVE, UNLOAD, PROPERLY STORE AND PROTECT THE TRUSSES IN ACCORDANCE WITH THE FABRICATOR's INSTRUCTIONS OR WITH THE TERMS OF THE SPECIFICATIONS; WHICHEVER HAS THE MORE STRINGENT REQUIREMENTS.

SHERMAN CARTER BARNHART ARCHITECTS

WILLIAM GORDON JR. 19114 REGISTERED ARCHITECT COMMONWEALTH OF KENTUCKY

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

WOOD FRAMING NOTES
WOOD FRAMED HEADER SCHEDULE
MISCELLANEOUS WOOD FRAMING DETAILS

JOB NO.	2459
DATE	03/24/2026
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CHECKED	WEG

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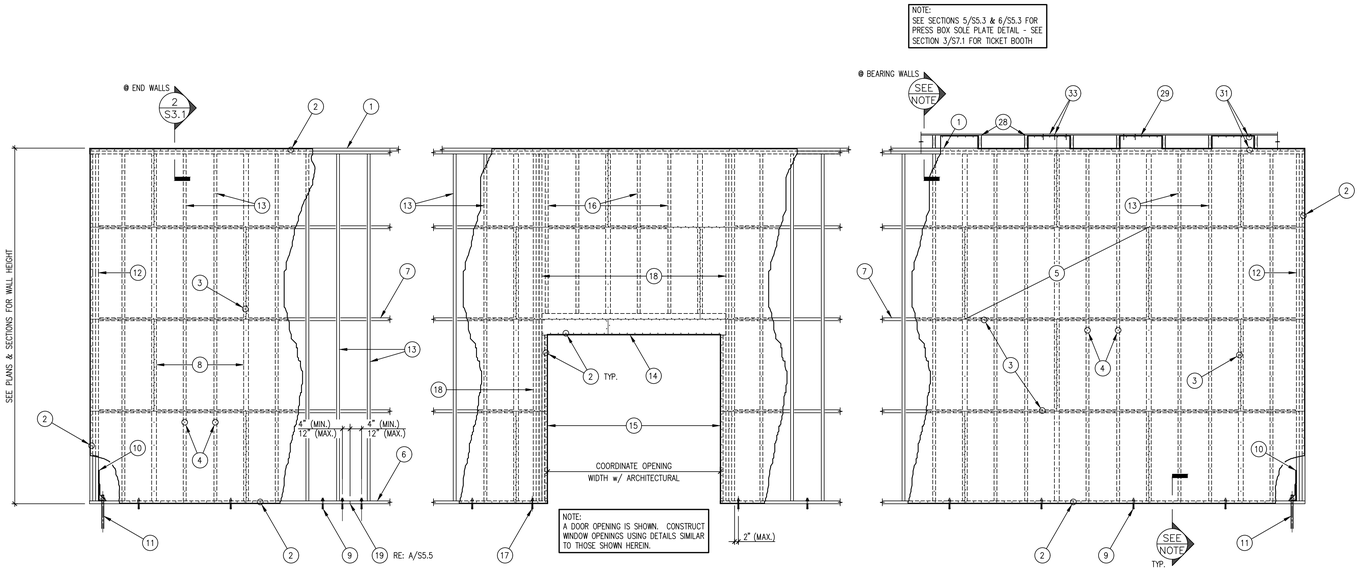
SHEET
S5.5

REFERENCE NOTES:

1. CONTINUOUS DOUBLE 2x4 TOP PLATE - No 2 SYP
2. FASTENERS AT SHEAR WALL BOUNDARY - SEE SHEAR WALL SCHEDULE
3. FASTENERS AT SHEATHING SHEET EDGES - SEE SHEAR WALL SCHEDULE
4. FASTENERS AT INTERMEDIATE WALL STUDS - SEE SHEAR WALL SCHEDULE
5. WALL SHEATHING SHEET - SEE SCHEDULE - INSTALL SHEATHING w/ LONG DIMENSION OF SHEETS PERPINDICULAR TO WALL STUDS (TYPICAL)
6. CONTINUOUS 2x SOLE PLATE - No. 2 SYP - SOLE PLATES IN CONTRACT w/ CONCRETE TO BE PRESSURE TREATED (P.T.) - NAILS USED TO ATTACH SHEAR WALL SHEATHING TO P.T. SOLE PLATES SHALL BE G-90 HOT-DIPPED GALVANIZED OR STAINLESS STEEL (S.S.). ANCHOR THE SOLE PLATE TO SUPPORTING STRUCTURE PER A/S5.5.
7. 2x BLOCKING AT HORIZONTAL EDGES OF SHEATHING SHEETS. BLOCKING SIZE AND MATERIAL SHALL BE THE SAME AS THAT OF WALL STUDS.
8. WHERE FASTENER SPACING AT SHEAR WALL BOUNDARIES IS LESS THAN OR EQUAL TO 3", PROVIDE 3x STUDS AT VERTICAL SHEET EDGES OF SHEATHING - THIS DOES NOT APPLY TO THIS PROJECT
9. ATTACH SOLE PLATE TO SUPPORTING STRUCTURE w/ 1/2"ø SIMPSON STRONG-TITEN HD CONCRETE SCREW ANCHORS". BOLT SPACING SHALL BE AS INDICATED IN DETAIL A/S5.5 MINIMUM EMBEDMENT DEPTH SHALL BE 7". SEE SECTIONS 5/S5.4 & 6/S5.4 FOR ANCHORING THE PRESS BOX SOLE PLATE TO THE STRUCTURE BELOW.
10. SHEAR WALL HOLD-DOWN @ EACH END OF SHEAR WALL - HOLD-DOWNS ON THIS PROJECT SHALL BE THE PRODUCTS OF THE "SIMPSON STRONG-TIE COMPANY" (OR APPROVED EQUAL) - SEE SHEAR WALL SCHEDULE FOR HOLD-DOWN SIZE - INSTALL HOLD-DOWNS PER MANUFACTURER's SPECIFICATIONS.
11. 1/2"ø ANCHOR BOLT FOR THE SHEAR WALL HOLD-DOWN PER HOLD-DOWN MANUFACTURER's SPECIFICATIONS. AT THE PRESS BOX THE ANCHOR BOLT THE ANCHOR BOLT SHALL GO THROUGH THE WOOD FRAMING AND INTO THE CMU BOND BEAM BELOW.
12. MULTIPLE STUD POST AT SHEAR WALL HOLD-DOWN - SEE SCHEDULE FOR MORE INFORMATION.
13. WALL STUDS - 2x4 @ 16" CENTERS. STUDS TO BE No. 2 SYP OR APPROVED EQUAL.
14. WALL OPENING HEADER - RE: DETAIL B & SCHEDULE ON S5.5
15. PROVIDE "TRIMMER" STUDS AT EACH SIDE OF WALL OPENING PER THE "HEADER SCHEDULE" ON S5.5.
16. "CRIPPLE" STUDS ABOVE WALL OPENINGS AND BELOW WALL OPENINGS @ WINDOWS.
17. PROVIDE 1/2"ø SIMPSON STRONG-TIE TITEN HD CONCRETE SCREW ANCHORS AT EACH SIDE OF WALL OPENINGS AS INDICATED. IF END OF SHEAR WALL OCCURS @ DOOR JAMB, REPLACE CONCRETE SCREW WITH A SHEAR WALL HOLDDOWN AS INDICATED.
18. PROVIDE 2x FULL HEIGHT "KING" STUDS AT EACH SIDE OF ALL WALL OPENINGS PER THE "HEADER SCHEDULE" ON SHEET S2.5
19. END OF INDIVIDUAL 2x SOLE PLATE MEMBER. PROVIDE ANCHOR BOLTS 4" TO 12" FROM THIS JOINT AT EACH SIDE - RE: A/S5.5
20. CONTINUOUS 2x SOLE PLATE - No. 2 SYP - ANCHOR SOLE PLATE TO STRUCTURE BELOW AS INDICATED IN THE DETAILS.
21. ANCHOR ROD FOR THE SHEAR WALL HOLD-DOWN PER HOLD-DOWN MANUFACTURER's SPECIFICATIONS.
22. NOT USED.
23. NOT USED.
24. NOT USED.
25. PROVIDE 2x4 BLOCKING BETWEEN FLOOR TRUSSES @ TOP CHORD
26. NOT USED.
27. NOT USED.
28. PRE-ENGINEERED, PRE-FABRICATED, METAL PLATE CONNECTED WOOD ROOF TRUSSES OR MICROLLAM LVL RAFTER - SEE PLAN
29. 1.75" Thick MICROLLAM LVL BLOCKING @ ALTERNATE TRUSS SPACES - RE: 1/S7.1
30. NOT USED.
31. FASTENERS AT SHEAR WALL BOUNDARY - ATTACH TO STUD WALL TOP PLATE & BLOCKING SEE SHEAR WALL SCHEDULE
32. NOT USED.
33. ROOF SHEATHING - SEE NOTES ON S5.5 - ATTACH SHEATHING TO 2x BLOCKING w/ 10d NAILS @ 6" CENTERS
34. STOP SHEAR WALL SHEATHING @ WALL TOP PLATE WHERE NO LVL BLOCKING IS PRESENT.



TYPICAL DETAIL - WOOD STUD FRAMED SHEAR WALL / BEARING WALL

SCALE: 3/8" = 1'-0"

A S5.6

SHEAR WALL SCHEDULE

SHEAR WALL MARK NUMBER	Shear Wall Length	Wall Studs Size/Spacing (See Note 3 Below)	Blocked/ Unblocked Shear Wall	Hold-Down @ Each End of Wall	Shear Wall End Post	Shear Wall - Side 1								Shear Wall - Side 2								Total Allowable Wall Capacity, V for Both Sides	Remarks
						Interior/ Exterior	Wall Sheathing Material ⑤	Sheet Size	Fastener Size/Type	Fastener Spacing @ Shear Wall Boundaries ②	Fastener Spacing @ Sheet Edges ③ ⑧	Fastener Spacing @ Intermediate Studs ④	Allowable Diaphragm Shear	Interior/ Exterior	Wall Sheathing Material ⑤	Sheet Size	Fastener Size/Type	Fastener Spacing @ Shear Wall Boundaries ②	Fastener Spacing @ Sheet Edges ③ ⑧	Fastener Spacing @ Intermediate Studs ④	Allowable Diaphragm Shear		
EACH SIDE	SEE ARCH.	2x Studs @ 16" ctrs.	Blocked	Simpson DTT2Z	(2) 2x	Exterior	7/16" APA Rated Structural Sheathing (Plywood or OSB) Exposure 1	48"x 96"	10d Nails	6"	6"	12"	435 #/ft	Interior	See Architectural							6.0 kips	TYPICAL FOUR (4) SIDES OF BUILDING PERFORATED SHEAR WALL CAPACITY REDUCTION WAS TAKEN

THE SHEAR WALL SHEATHING THICKNESS SPECIFIED IN THIS SCHEDULE IS THE MINIMUM THICKNESS PERMITTED.

SHERMAN CARTER BARNHART ARCHITECTS

WILLIAM GIBSON JR. 16114 COMMONWEALTH OF KENTUCKY REGISTERED ARCHITECT

ALLEN COUNTY SCHOOLS
SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

WOOD FRAMED SHEAR WALLS DETAIL + SCHEDULE

JOB NO.	2459
DATE	03/24/2026
DRAWN	griggs
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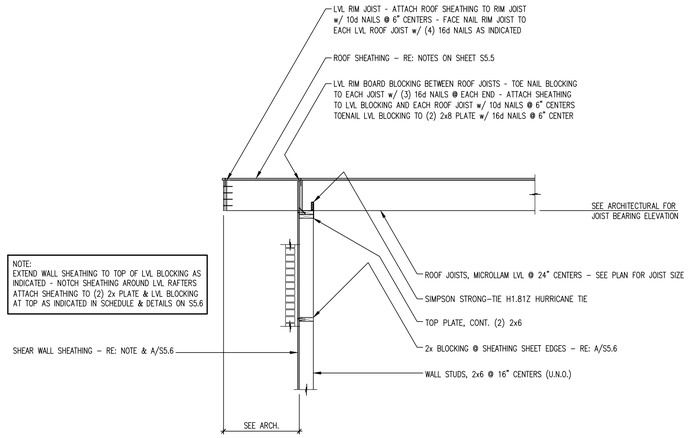
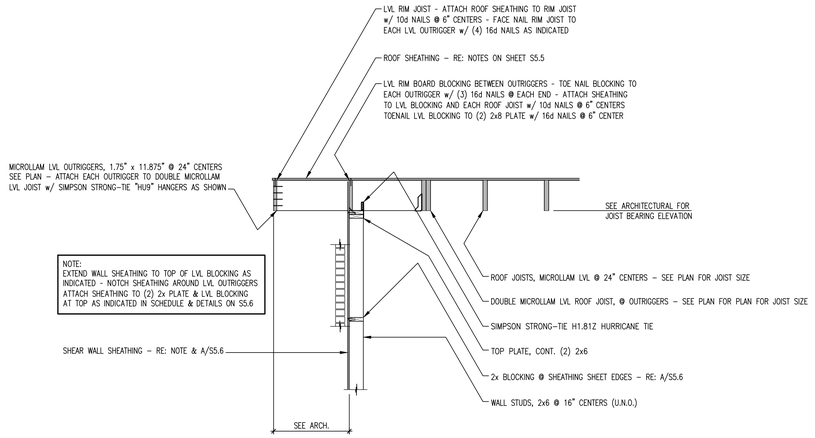
SHEET

S5.6



SECTION 1/S5.7

SCALE: 1/2" = 1'-0"



SECTION 2/S5.7

SCALE: 1/2" = 1'-0"

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WILLIAM E. GIBSON JR. 19114 LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

ROOF FRAMING SECTIONS and DETAILS
MICROLLAM LVL RAFTERS

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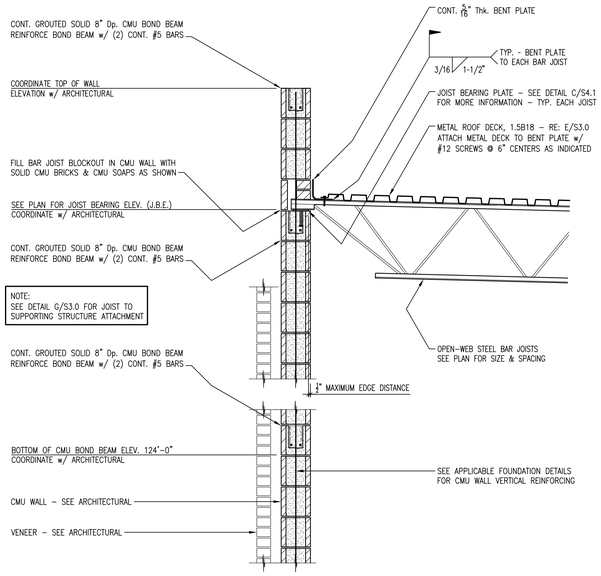
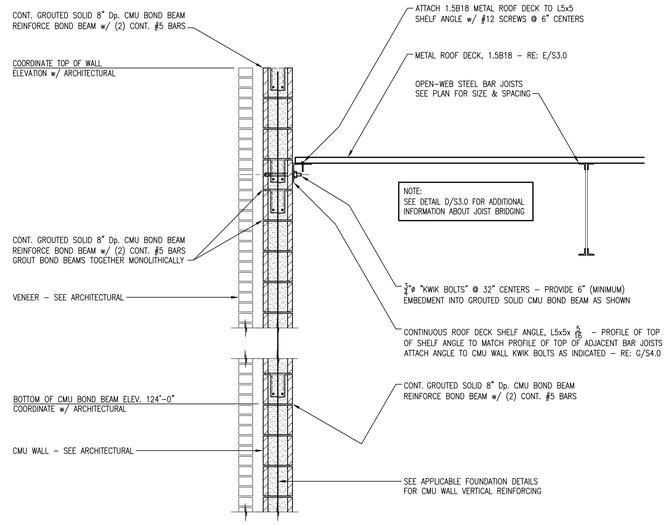
SHEET

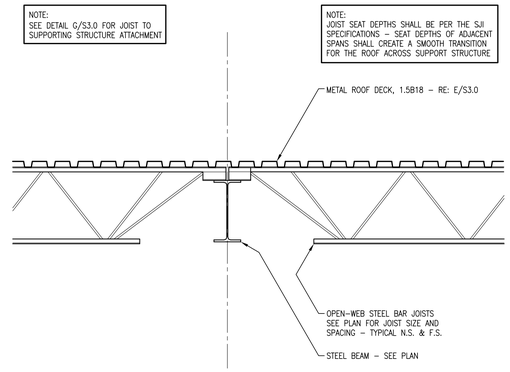
S5.7



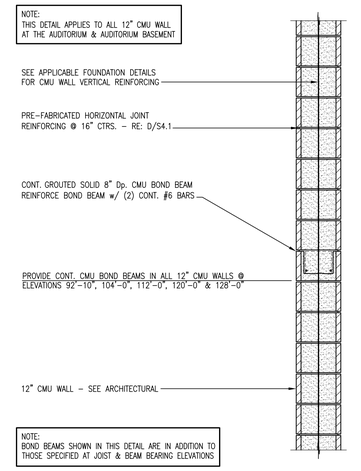
SECTION
SCALE: 3/4" = 1'-0"
1 S6.1



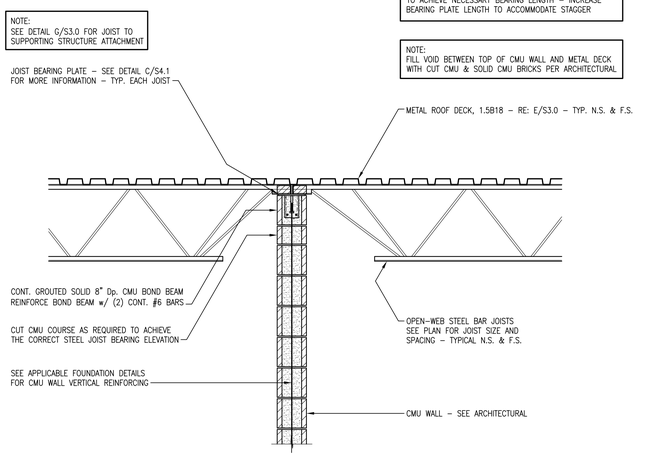
SECTION
SCALE: 3/4" = 1'-0"
2 S6.1



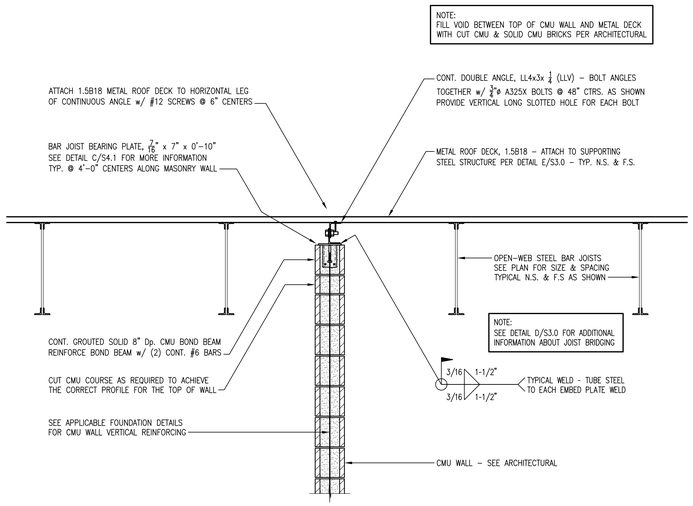
SECTION
SCALE: 3/4" = 1'-0"
3 S6.1



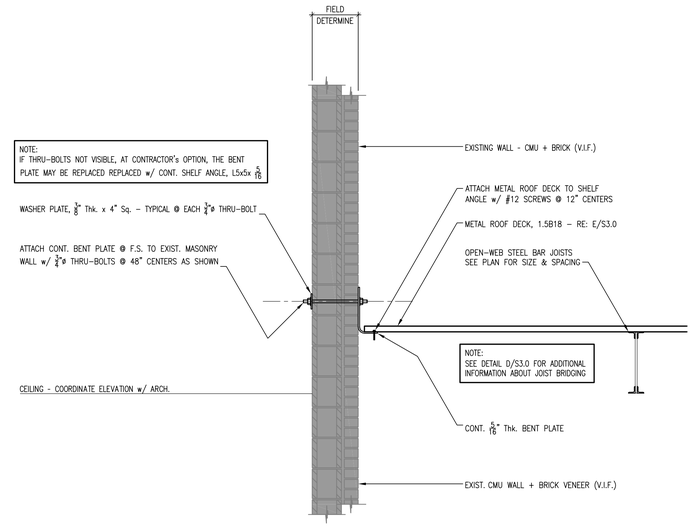
DETAIL
SCALE: 3/4" = 1'-0"
A S6.1



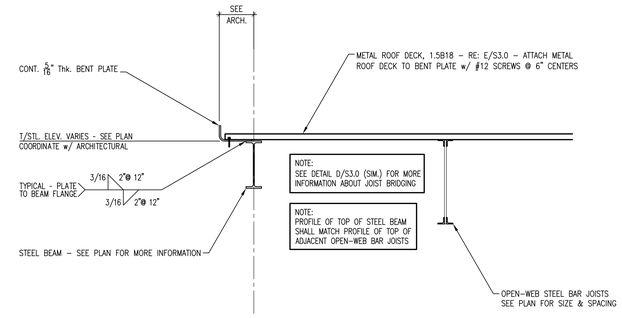
SECTION
SCALE: 3/4" = 1'-0"
4 S6.1



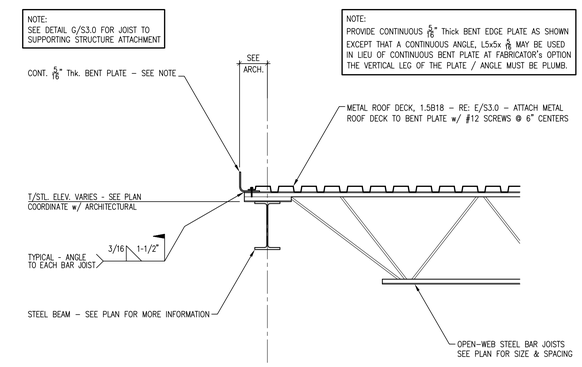
SECTION
SCALE: 3/4" = 1'-0"
5 S6.1



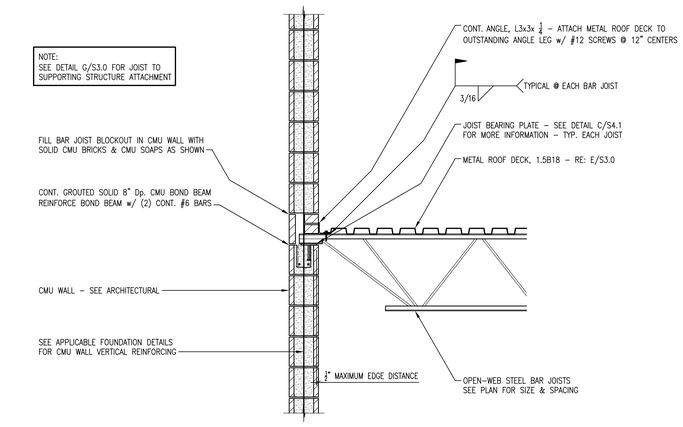
SECTION
SCALE: 3/4" = 1'-0"
6 S6.1



SECTION
SCALE: 3/4" = 1'-0"
7 S6.1



SECTION
SCALE: 3/4" = 1'-0"
8 S6.1



SECTION
SCALE: 3/4" = 1'-0"
9 S6.1

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY – WILLIAM EDWARD GRIGGS JR – 16114 – LICENSED PROFESSIONAL ENGINEER

AUXILIARY GYMNASIUM & FIELD HOUSE

ALLEN COUNTY SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX

SCOTTSVILLE, KENTUCKY

ROOF FRAMING SECTIONS and DETAILS

JOB NO.	2459
DATE	03/24/2026
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SHEET

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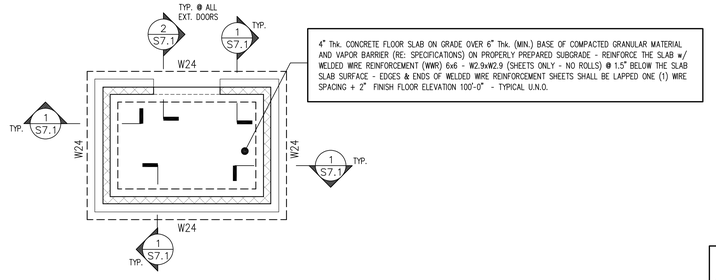
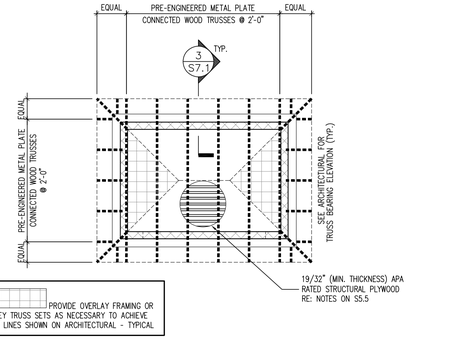


TICKET BOOTH FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

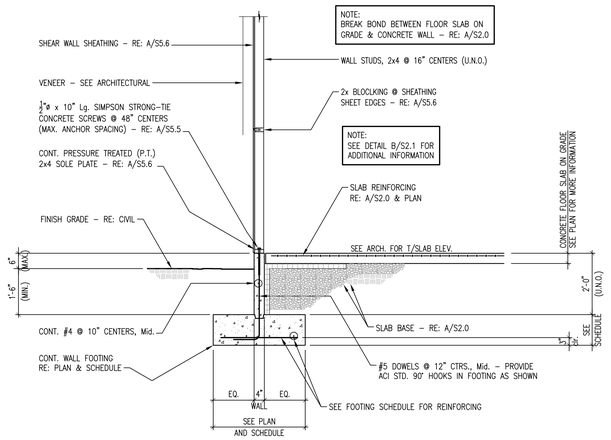
A S7.1



TICKET BOOTH ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

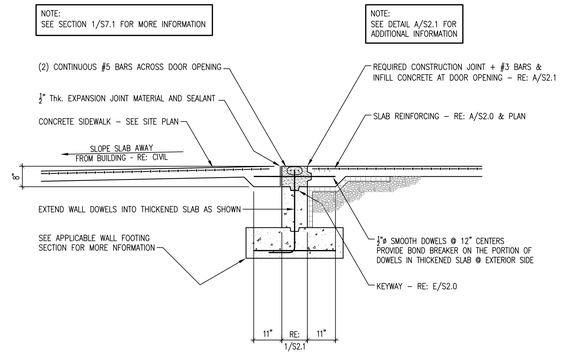
B S7.1



SECTION

SCALE: 1/2" = 1'-0"

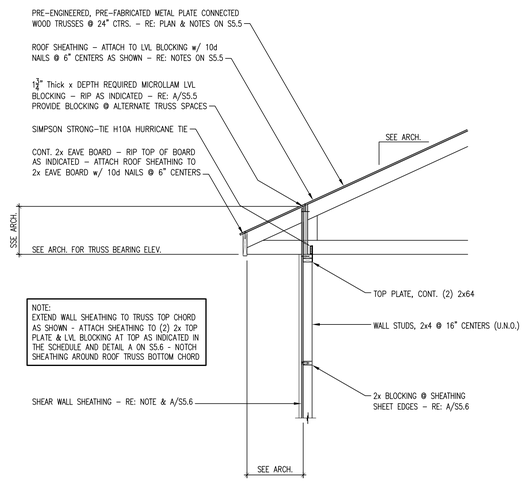
1 S7.1



SECTION

SCALE: 1/2" = 1'-0"

2 S7.1



SECTION

SCALE: 1/2" = 1'-0"

3 S7.1

FASTENER SCHEDULE

CONNECTION	FASTENERS	FASTENING DETAILS	REMARKS
Roof Trusses or Rafters to Supporting Structure	(2) "Simpson" H-8 Hurricane Tie (Unless Noted Otherwise in Details)	Install Hurricane Ties per Manufacturer's Instructions	"Supporting Structure" = Wall Top Plate, Wood Nailer or Wood Girder
Floor Trusses or Joists to Supporting Structure	(2) "Simpson" H-8 Hurricane Tie (Unless Noted Otherwise in Details)	Install Hurricane Ties per Manufacturer's Instructions	"Supporting Structure" = Wall Top Plate, Wood Nailer or Wood Girder
2x Sole Plate to CMU or Concrete Foundaiton	RE: A/S5.5	See Foundation Details	
2x Sole Plate to Floor Joists	"Simpson" Strong-Drive SDS Screws Size & Spacing as Indicated	Screw Sole Plate to Floor Joists thru Floor Sheathing	See Details for Additional Informaiton
2x4 Sole Plate to 2x4 Wall Studs	(2) 16d Nails	End Nail Sole Plate to Each Stud	
2x6 Sole Plate to 2x6 Wall Studs	(3) 16d Nails	End Nail Sole Plate to Each Stud	
(2) 2x4 Top Plate to 2x4 Wall Studs	(2) 16d Nails	End Nail Top Plate to Each Stud	Nail Bottom Ply of Top Plate to Studs Face Nail (2) Plys Together as Indicated
(2) 2x6 Top Plate to 2x6 Wall Studs	(3) 16d Nails	End Nail Top Plate to Each Stud	Nail Bottom Ply of Top Plate to Studs Face Nail (2) Plys Together as Indicated
Double 2x Top Plate	10d Nails @ 12" centers	Face Nail 2x's Together	
Double 2x Top Plate - Lap Splice	(2) Rows of (4) 10d Nails @ 3" centers	Face Nail 2x's Together	Lap Plys of 2x Plate 18" (minimum)
Double 2x Top Plate Lap @ Wall Intersections	(4) 10d Nails	Face Nail 2x's Together	Top Ply of Top Plate of Intersecting Wall to Bottom Ply of Top Plate of Other Wall
Double Studs	10d Nails @ 12" centers	Face Nail Studs Together	
Built-Up Corner Studs	16d Nails @ 12" centers	Face Nail Studs Together	
2x Blocking Between Joists, Rafters and / or Truss Chords	(3) 10d Nails	Toenail @ Each End of Blocking	
2x Blocking to Wall Top Plate	(3) 10d Nails	Toenail @ Each End of Blocking	
Blocking Between Wall Studs	(3) 10d Nails	Toenail - (2) N.S. & (1) F.S.	
2x Eave Board to Roof Truss / Rafter Tail	(3) 16d Nails	End Nail Eave Board to Each Truss / Rafter Tail	
Band Joist (End Joist) to Floor Joists	(3) 16d Nails	End Nail Band Joist to Each floor Joist	
2-Ply Built-Up Headers, Beams and Girders	10d Nails @ 12" centers	Face Nail @ Top & Bottom Stagger Near Side & Far Side	
2-Ply Built-Up Headers, Beams & Girders w/ 1/2" Plywood Filler	16d Nails @ 12" centers	Face Nail @ Top & Bottom Stagger Near Side & Far Side	
3-Ply Built-Up Headers, Beams and Girders	20d Nails @ 12" centers	Face Nail @ Top & Bottom Stagger Near Side & Far Side	
3-Ply Built-Up Headers, Beams & Girders w/ (2) 1/2" Plywood Fillers	30d Nails @ 16" centers	Face Nail @ Top & Bottom Stagger Near Side & Far Side	
Multi-Ply Built-Up MICROLLAM Headers, Beams & Girders	Per Manufacturer's Specifications		

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY WILLIAM EDWARD GRISSOM JR. 16114 LICENSED PROFESSIONAL ENGINEER

TICKET BOOTH - TWO (2) AS INDICATED

ALLEN COUNTY SCHOOLS
SCOTTSVILLE HIGH SCHOOL ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

TICKET BOOTH
PLANS, SECTIONS and DETAILS
WOOD FRAMING FASTENER SCHEDULE

JOB NO.	2459
DATE	03/24/2026
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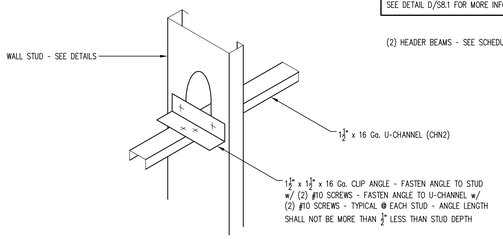
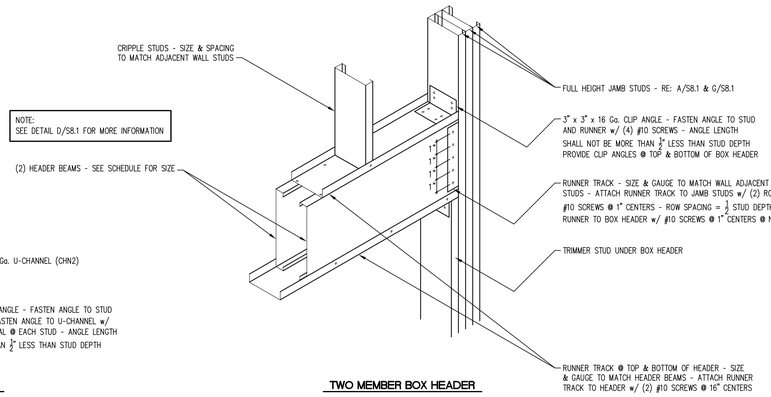


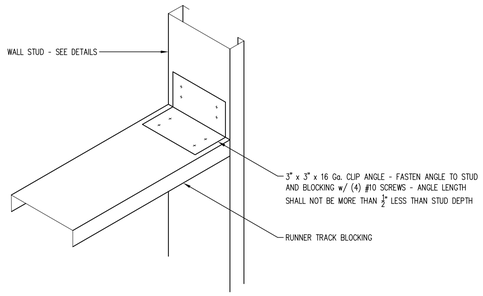
LATERAL STUD BRACING USING SCREW ATTACHED CLIP ANGLE

TYPICAL DETAIL — A / S8.1
SCALE: NONE



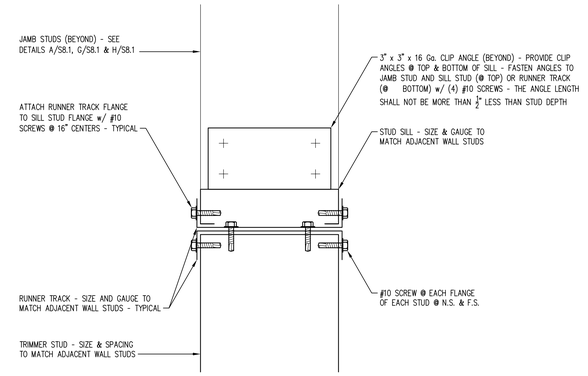
TWO MEMBER BOX HEADER

TYPICAL DETAIL — B / S8.1
SCALE: NONE



BLOCKING USING RUNNER TRACK + SCREW ATTACHED CLIP ANGLE

TYPICAL DETAIL — C / S8.1
SCALE: NONE



WINDOW / OPENING SILL

TYPICAL DETAIL — C / S8.1
SCALE: NONE

RUNNER TRACK CONNECTION - TRACK TO STUD

RUNNER TRACK CONNECTION - TRACK TO FOUNDATION
SCALE: NONE

TYPICAL DETAIL — E / S8.1

JAMB STUD or MULTI-STUD POST

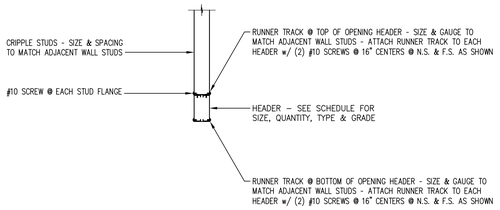
TYPICAL DETAIL — F / S8.1
SCALE: NONE

WINDOW JAMB + MULTI-STUD POST ANCHORAGE TO FOUNDATION

TYPICAL DETAIL — G / S8.1
SCALE: NONE

DOOR JAMB ANCHORAGE TO FOUNDATION

TYPICAL DETAIL — H / S8.1
SCALE: NONE



NOTE: RE: B/S8.1 FOR HEADER TO WALL STUD CONNECTION

WALL OPENING HEADER

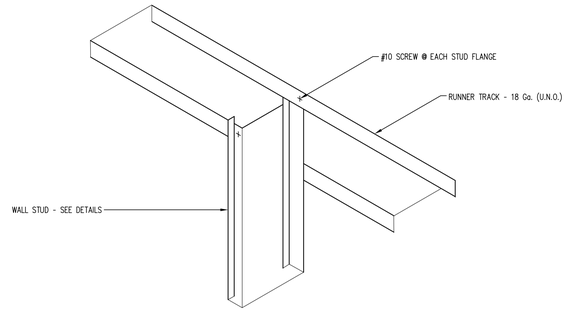
TYPCIAL DETAIL — J / S8.1
SCALE: NONE

LIGHT-GUAGE HEADER SCHEDULE

HEADER MARK No.	MAX. ROUGH OPENING WIDTH	HEADER	HEADER GRADE	TRIMMER STUDS	FULL-HEIGHT JAMB STUDS	REMARKS
1	UP TO 4'-0"	(2) 600 S 162-54	50 ksi	(1) WALL STUD	(2) WALL STUDS	INTERIOR WALL OPENING
2	UP TO 6'-0"	(2) 800 S 200-68	50 ksi	(1) WALL STUD	(4) WALL STUDS	INTERIOR WALL OPENING
3	UP TO 8'-0"	(3) 1000 S 200-68	50 ksi	(1) WALL STUD	(4) WALL STUDS	INTERIOR WALL OPENING
4	UP TO 10'-0"	(4) 1200 S 137-68	50 ksi	(1) WALL STUD	(5) WALL STUDS	INTERIOR WALL OPENING
5	UP TO 4'-0"	(2) 600 S 162-54	50 ksi	(1) WALL STUD	(2) WALL STUDS	EXTERIOR WALL OPENING
6	UP TO 6'-0"	(2) 800 S 200-68	50 ksi	(1) WALL STUD	(4) WALL STUDS	EXTERIOR WALL OPENING
7	UP TO 8'-0"	(2) 1000 S 200-68	50 ksi	(1) WALL STUD	(4) WALL STUDS	EXTERIOR WALL OPENING
8	UP TO 10'-0"	(2) 1200 S 250-68	50 ksi	(1) WALL STUD	(5) WALL STUDS	EXTERIOR WALL OPENING
	> 10'-0"		CONTACT ARCHITECT			

NOTES:

1. HEADER BEAMS SHALL BE "TRI-S" COMPONENTS OF THE SIZE & GRADE INDICATED IN THE SCHEDULE (OR APPROVED EQUAL).
2. SEE DETAILS B/S8.1 & J/S8.1 FOR CONSTRUCTION OF HEADERS.
3. THE "ROUGH OPENING WIDTH" OF ALL WALL OPENINGS IN STRUCTURAL WALLS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE ROUGH OPENING WIDTH SHALL BE THE WINDOW / DOOR SIZE + 1" (U.N.O.) IF OPENING WIDTH SHOWN ON THE ARCHITECTURAL DRAWINGS IS DIFFERENT FROM THAT SHOWN HEREIN, CONTACT ARCHITECT FOR DIRECTIONS BEFORE PROCEEDING WITH CONSTRUCTION.
4. PROVIDE WEB STIFFENERS AS REQUIRED BY METAL STUD SUPPLIER.



RUNNER TRACK CONNECTION - STUD TO TRACK

TYPICAL DETAIL — K / S8.1
SCALE: NONE

SHERMAN CARTER BARNHART ARCHITECTS

COMMONWEALTH OF KENTUCKY — WILLIAM GREGORY JR. — 16114 — LICENSED PROFESSIONAL ENGINEER

ALLEN COUNTY
SCOTTSVILLE HIGH SCHOOL
ATHLETIC COMPLEX
SCOTTSVILLE, KENTUCKY

LIGHT-GUAGE METAL FRAMING DETAILS

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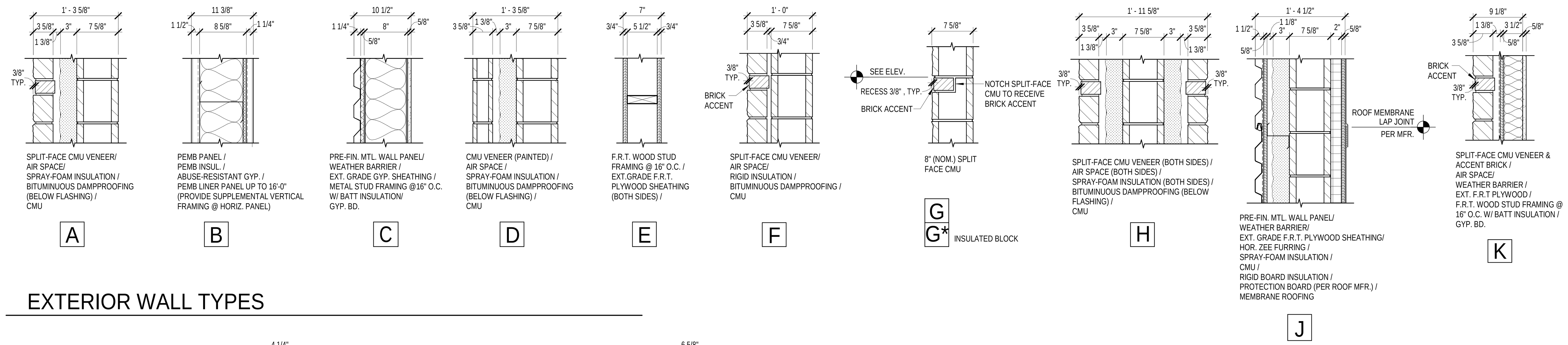
S8.1

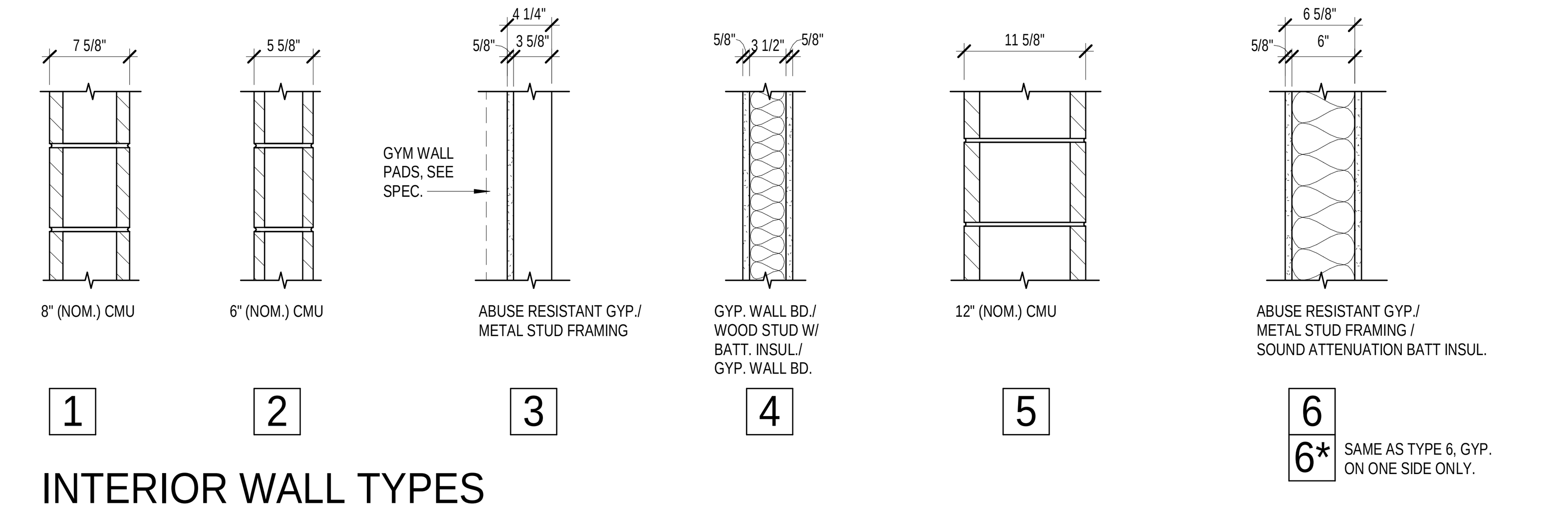
ABBREVIATIONS

A	
@	AT
AB	ANCHOR BOLT
&	AND
A/C	AIR CONDITIONING
ACOUS	ACOUSTICAL
ACT	ACTUAL
ADA	AMERICANS WITH DISABILITIES ACT
ADJ.	ADJUST, ADJUSTABLE
ADH.	ADHESIVE
A.F.F.	ABOVE FINISH FLOOR
AGG.	AGGREGATE
AHU	AIR HANDLING UNIT
ALUM.	ALUMINUM
ANCH.	ANCHOR
AP	ACCESS PANEL
APPROX.	APPROXIMATE
ASSY	ASSEMBLY
AUTO	AUTOMATIC
B	
BD.	BOARD
BTWN.	BETWEEN
BEV.	BEVELED
BIT.	BITUMINOUS
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
B.O.	BOTTOM OF
BOT. OR BTM.	BOTTOM
BUR	BUILT UP ROOFING
BRG. OR BRNG.	BEARING
C	
CAB.	CABINET
CB	CATCH BASIN, CHALKBOARD
C/C	CENTER TO CENTER (SAME MEANING AS OC)
CEM	CEMENT
C.T.	CERAMIC TILE
CF	CUBIC FEET
CFI	CONTRACTOR FURNISHED AND INSTALLED
CHAN	CHANNEL
CI	CAST IRON
CJ	CONTROL JOINT
CLG.	CEILING
CLOS	CLOSET
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC.	CONCRETE
COND	CONDITION, CONDENSER, CONDENSATE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR	CONTRACTOR
CORRUG	CORRUGATED
CR	COLD ROLLED
CSG	CASING
CTSK	COUNTERSINK
CU	CUBIC
CULV	CULVERT
CW	COLD WATER, CLOCKWISE
CY	CUBIC YARD
D	
DBL.	DOUBLE
DEP	DEPRESSED
DET.	DETAIL
DF	DRINKING FOUNTAIN
DIA.	DIAMETER
DIM.	DIMENSION
DN.	DOWN
DO	DITTO
DS	DOWNSPOUT
DWG.(S)	DRAWING(S)
E	
EA.	EACH
EJ	EXPANSION JOINT
EL. OR ELEV.	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
EMER	EMERGENCY
ENCL	ENCLOSURE
ENT	ENTRANCE
EQ.	EQUAL
EQUIV	EQUIVALENT
ESMT	EASEMENT
EW	EACH WAY
EWC	ELECTRIC WATER COOLER (SEE MECH DWGS)
EXIST. OR EX.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F	
FAB	FABRICATE
FC	FIRE CODE
FD	FLOOR DRAIN (SEE MECH DWGS)
FDN.	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.F.E.	FINISHED FLOOR ELEVATION
FH	FULL HEIGHT
FIN.	FINISH, FINISHED
FL.	FLOOR
FLASH	FLASHING
FLEX	FLEXIBLE
FRT	FIRE RETARDANT TREATED
FTG.	FOOTING
FURR.	FURRING
F.V.	FIELD VERIFY
G	
GA.	GAUGE
GALV.	GALVANIZED
GB	GRAB BAR
GEN	GENERATOR
GF CMU	GROUND FACE CONC. MAS. UNIT
GI	GALVANIZED IRON
GFI	GROUND FAULT INTERRUPT
GL	GLASS, GLAZING
GLUE LAM	GLUE-LAMINATED
GND	GROUND
GR	GRADE
GST	GLAZED STRUCTURAL TILE
GYP.	GYPSUM
H	
H	HIGH
HARD	HARDENED
HB	HOSE BIB
HC	HOLLOW CORE
HD BD	HARD BOARD
HC	HANDICAPPED
HDR	HEADER
HDWE	HARDWARE
HD WD	HARDWOOD
HEX	HEXAGONAL
HT.	HEIGHT
HOL	HOLLOW
HM OR H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HP	HORSEPOWER
HTG	HEATING
HTR	HEATER
HW	HOT WATER, HARD WHITE
I	
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCL	INCLUDED
INSUL.	INSULATION
INT	INTERIOR
INV	INVERT
J	
JB	JUNCTION BOX
JST.	JOIST
JT	JOINT
K	
KBC	KENTUCKY BUILDING CODE
L	
L	ANGLE, LONG
LAM.	LAMINATE
LF	LIGHT FIXTURE, LINEAR FEET
LH	LEFT HAND
LLV	LONG LEG VERTICAL
LOC	LOCATION
LT	LIGHT
LTWT	LIGHTWEIGHT
M	
MAS.	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
MB	MARKER BOARD
MC	MISCELLANEOUS CHANNEL
MDO	MEDIUM DENSITY OVERLAY
MECH.	MECHANICAL
MED.	MEDIUM, MEDICINE
MTL.	METAL
MFR.	MANUFACTURER
MH	MANHOLE
MIN.	MINIMUM, MINUTE
MISC.	MISCELLANEOUS
ML & P	METAL LATH AND PLASTER
M.O.	MASONRY OPENING
MT.	MOUNT
MTD.	MOUNTED
MTG.	MOUNTING
MULL.	MULLION
N	
NA	NOT APPLICABLE
NET	MEANS EXACT DIMENSION REQUIRED
NIC	NOT IN CONTRACT
NO. OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
OFI	OWNER FURNISHED AND INSTALLED
OF-CI	OWNER FURNISHED, CONTRACTOR INSTALLED
O.H.	OPPOSITE HAND
OH	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
P	
PART	PARTITION
PART. BD.	PARTICLE BOARD
PASS	PASSAGE
PC	PRECAST
P/C	POURED CONCRETE
PERF	PERFORATED
PERIM	PERIMETER
PERP.	PERPENDICULAR
PF CMU	PREFACED CONC. MAS. UNIT
PH	PHASE
PLAS	PLASTER
PLUMB	PLUMBING
PLYWD.	PLYWOOD
POL	POLISHED
POLY CARB	POLYCARBONATE SHEET
PREFAB.	PREFABRICATED
PROJ.	PROJECT, PROJECTED
PR.	PAIR
PSMB	PENCIL SHARPENER BLOCK
P.T.	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWG	POLISHED WIRE GLASS
+/-	PLUS OR MINUS
Q	
Q.T.	QUARRY TILE
R	
R.	RISER, RADIUS
R. OR RAD.	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REBAR	REINFORCING BAR
RECIRC	RECIRCULATE
REF	REFERENCE, REFER
REF.	REFRIGERATOR
REINF.	REINFORCE, REINFORCED, REINFORCING
REQ'D.	REQUIRED
RET.	RETAINING, RETURN
RESIL	RESILIENT
RH	RIGHT HAND, ROUND HEAD
R.O.	ROUGH OPENING
ROW OR R/W	RIGHT OF WAY
RRT	RAISED RADIAL TILE
S	
SC	SOLID CORE
SCHD.	SCHEDULE
SECT	SECTION
SEP	SEPARATE, SEPARATION
SF	SQUARE FEET, SAND FILL
SHEATH	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
S.M.	SHEET METAL
SPA	SPACE(S)
SPEC(S).	SPECIFICATIONS
SPM	SINGLE-PLY MEMBRANE
SQ.	SQUARE
S.S.	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYMM	SYMMETRICAL
T	
T	TREAD, THICK
TB	TACKBOARD
TC	TOP OF CURB
TCE	TOP OF CURB ELEVATION
TDS	TURNED DOWN SLAB
TEL	TELEPHONE
TFE	TOP OF FOOTING ELEVATION
T & G	TONGUE AND GROOVE
THK	THICK, THICKNESS
THRESH	THRESHOLD
T.O.	TOP OF
TOC	TOP OF CONCRETE
TOIL	TOILET
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TS	TACK STRIP, STRUCTURAL STEEL TUBING
TOW	TOP OF WALL
TYP.	TYPICAL
U	
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UNFIN.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
V	
VAC	VACUUM
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W	
W	WIDE
W.R.	WATER RESISTANT
WWF	WELDED WIRE FABRIC
X	
X	BY
Y	
YD	YARD

WALL / PARTITION SCHEDULE



EXTERIOR WALL TYPES

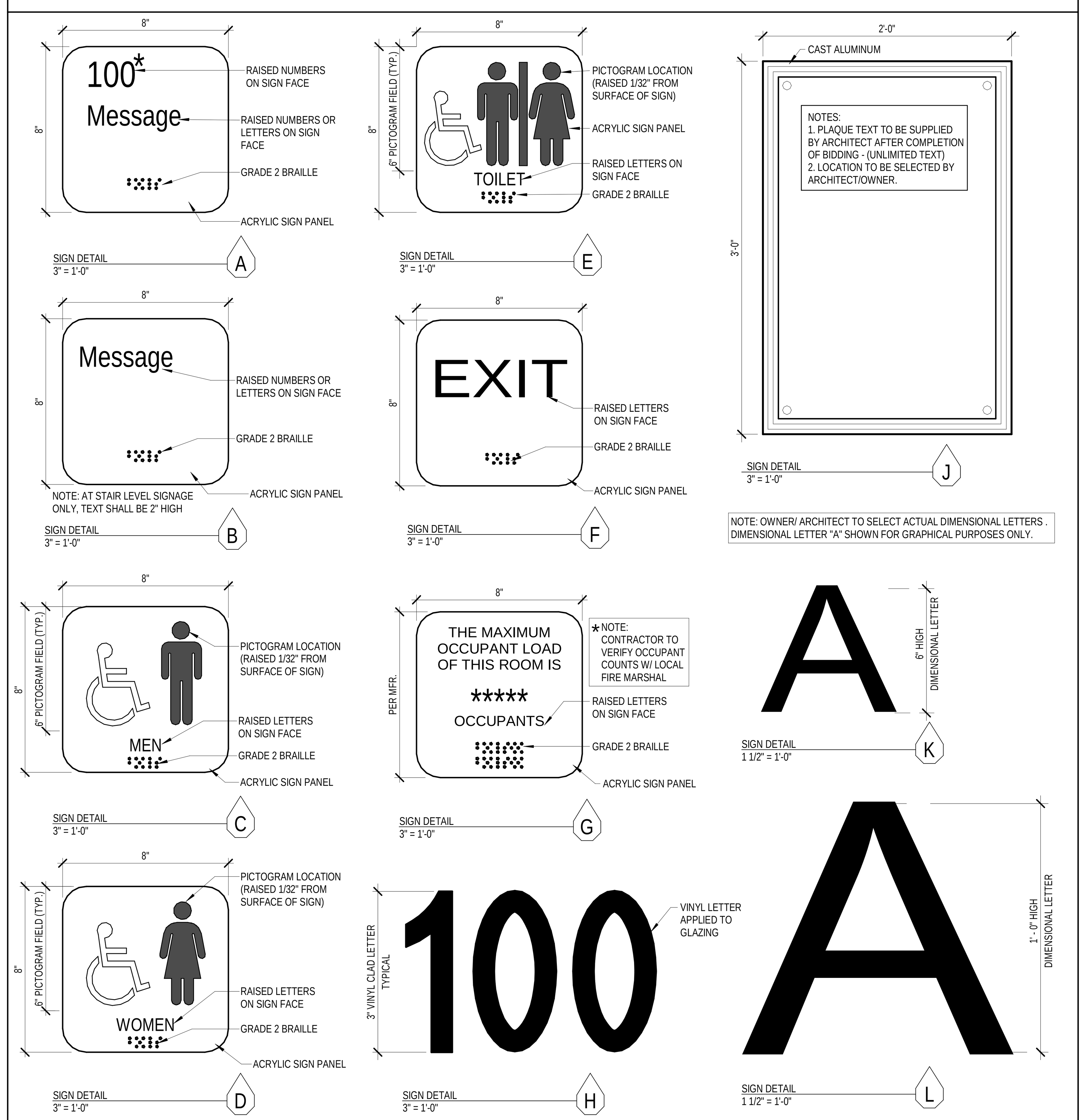


INTERIOR WALL TYPES

SIGNAGE GENERAL NOTES

1. **ALL NEW INTERIOR DOORS TO RECEIVE SIGNAGE TYPE "A" UNLESS NOTED OTHERWISE. REFER TO FLOOR PLANS FOR ADDITIONAL SIGNAGE REQUIREMENTS.**
2. CHARACTERS SHOWN ON THIS SHEET ARE COMPUTER GENERATED. SPACING OF CHARACTERS IS NOT ACCURATE. CORRECT "VISUAL" SPACING IS THE RESPONSIBILITY OF THE MANUFACTURER.
3. PICTOGRAMS ARE SHOWN HEREIN FOR INFORMATION AND INTENT ONLY. MECHANICAL, CAMERA - READY ARTWORK SHALL BE SUPPLIED BY THE SIGNAGE CONTRACTOR.
4. COLORS OF PANEL SIGNS TO BE SELECTED BY ARCHITECT.
5. UNLESS OTHERWISE NOTED, ALL SIGNS TO BE MOUNTED BESIDE DOORS AT 5'-0" A.F.F. TO BOTTOM OF SIGN AND 2" FROM EDGE OF DOOR FRAME ON THE LATCH SIDE. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING ENOUTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. THE ARCHITECT SHALL BE CONSULTED BEFORE PLACEMENT OF SIGNAGE FOR LEFTHAND AND RIGHTHAND ORIENTATION OF SIGNS.
6. * THREE CHARACTER NUMBER TO BE SUPPLIED BY ARCHITECT/OWNER.
7. ALL SIGNAGE SHALL MEET REQUIREMENTS OF ADAAG OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND ICC (ANSI) A117.1-2017.
8. MESSAGE (COPY) TO BE DETERMINED BY ARCHITECT/OWNER.
9. PROVIDE (10) EXTRA TYPE "A" SIGNS. OWNER TO SELECT LOCATION AND VERBIAGE.
10. WHERE ROOM SIGNS ARE AT GLASS WALL PROVIDE SOLID PANEL ON OPPOSITE SIDE OF SIGN ON GLASS.
11. REFER TO SHEETS A8.2 AND A8.3 FRAME ELEVATIONS FOR 2" VINYL LETTERS APPLIED TO EXTERIOR FRAMES.
12. ALL EXISTING AND NEW EXTERIOR DOORS TO RECIEVE SIGNAGE TYPE "H".

ROOM SIGNAGE SCHEDULE



ROOM FINISH GROUPS

GENERAL NOTES:

1. WHERE MORE THAN ONE FINISH IS LISTED REFER TO PLANS, SECTIONS, AND DETAILS.
2. SOFFIT PAINT TO BE ACCENT COLORS UNLESS DIRECTED OTHERWISE BY ARCHITECT.
3. REFER TO TYPICAL FLOOR TRANSITION / THRESHOLD DETAILS, SHEET A1.5.
4. REFER TO REFLECTED CEILING PLAN, SHEET A1.2 FOR CEILING INFORMATION.
5. REFER TO MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AT CEILINGS.

Group	Finishes
XXX RFG 1 (ROOM NUMBER TYPICAL)	FLOOR - POLISHED CONCRETE; BASE - 4" RESILIENT BASE; WALLS - LATEX PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP
XXX RFG 2 (TOILETS / RR's)	FLOOR - EPOXY RESIN (FLAKE); BASE - 4" EPOXY RESIN (FLAKE) COVE BASE; WALLS - EPOXY PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP
XXX RFG 3	FLOOR - HARDWOOD GYM FLOOR; BASE - 4" VENTED COVE BASE, REFER TO DETAIL ____; WALLS - PEMB METAL WALL PANELS, CMU (PAINT)TR; CLG. - PEMB (EXPOSED)
XXX RFG 4	FLOOR - TINTED CONCRETE W/ SEALER; BASE - 4" RESILIENT BASE BASE; WALLS - LATEX PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP
XXX RFG 5	FLOOR - TINTED CONCRETE W/ SEALER; BASE - NONE; WALLS - LATEX PAINT; CLG. - EXPOSED (UNFINISHED)
XXX RFG 6	FLOOR - RUBBER ATHLETIC FLOORING; BASE - 4" RESILIENT BASE BASE; WALLS - LATEX PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP
XXX RFG 7	FLOOR - TINTED CONCRETE W/ SEALER, SEE PLAN; BASE - E.T.R.; WALLS - PAINT (AFFECTED AREA ONLY, SEE PLAN); CLG. - E.T.R.
XXX RFG 8 (SHOWERS)	FLOOR - 2"x2" CERAMIC TILE; BASE - 4"x12" CERAMIC TILE BASE; WALLS - EPOXY PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP
XXX RFG 9	FLOOR - V.C.T.; BASE - 4" RUBBER BASE; WALLS - LATEX PAINT; CLG. - 2X2 ACOUSTICAL CLG TILE, SEE RCP

PARTITION TYPE GENERAL NOTES

P1 [0'-0"] INDICATES HEIGHT OF PARTITION. IF NO DIMENSION NOTED, EXTEND EXTERIOR PARTITIONS FULL HT. AS INDICATED, AND INTERIOR WALLS TO 10'-0" A.F.F.

P2 [FH] "FH" DENOTES SCHEDULED PARTITION TO EXTEND FULL HEIGHT TO UNDERSIDE OF ROOF DECK ABOVE. REFER TO DETAILS AND TO TYPICAL DETAIL THIS SHEET.

P3 [EX] PARTITION TO EXTEND TO 10'-0" OR TO DECK/SLAB, THEN ABOVE, W/ METAL STUD FRAMING AT 16" O.C. / SOUNDBATT INSUL. / 5/8" GYP. BD. BOTH SIDES, REFER TO DETAIL 2, THIS SHEET.

P4 ALL EXTERIOR WALLS ARE WALL TYPE [A] UNLESS INDICATED OTHERWISE.

P5 ALL INTERIOR PARTITIONS ARE WALL TYPE [1] UNLESS INDICATED OTHERWISE.

P6 PARTITION TYPES ARE INDICATED ON PLANS, SECTIONS & DETAILS.

P7 INTERIOR PARTITION TYPES ARE IDENTIFIED BY NUMBER AND EXTERIOR WALL ASSEMBLY TYPES BY LETTER.

P8 AT CONDITIONS WHERE MORE THAN ONE WALL TYPE IS INDICATED. REFER TO REFERENCED SECTIONS, ELEVATIONS AND DETAILS FOR CLARIFICATION.

P9 PROVIDE SPECIFIED CLOSURES AND INSTALL INSULATION/FIRESAFING BETWEEN DECK FLUTES AND MASONRY PARTITIONS TO ACHIEVE FULL AND COMPLETE CLOSURE OF ALL VOIDS AT TOP OF WALLS INDICATED TO EXTEND FULL HEIGHT. REFER TO TYPICAL DETAILS ON THIS SHEET.

P10 PARTITION TYPES SHALL MAINTAIN THEIR RESPECTIVE SEPARATION RATING (IF ANY) FOR FULL HEIGHT. ALL MECH., ELEC. AND PLUMBING PENETRATIONS SHALL BE SEALED / SAFED / DAMPERED AS REQUIRED TO COMPLY WITH APPLICABLE CODES.

P11 REFER TO SPECIFIED FIRESTOPPING MEASURES REQUIRED AT ALL RATED WALL ASSEMBLIES AND AS FOLLOWS: (REFER TO DETAILS FOR SPECIFIC CONDITION).

PROVIDE THE FOLLOWING CLOSURE MATERIALS ATTOP OF INTERIOR MASONRY AND METAL STUD WALLS AND PARTITIONS.

(a) FULL-HEIGHT NON-RATED WALLS:
FILL VOIDS WITH BATT INSULATION.

(b) RATED FULL HEIGHT WALLS:
FILL VOIDS WITH FIRE SAFING AND INSTALL BACKER ROD AND FIRE RATED SEALANT ON EACH SIDE OF WALL.

P12 ALL DIMENSIONS ARE TO FACE OF MASONRY, OR TO CENTERLINE OF STRUCTURAL STEEL. UNLESS NOTED OTHERWISE.

P13 REFER TO DETAILS FOR TYPICAL CMU WALL / PARTITION INTERSECTION REQUIREMENTS ON SHEET A/0.3.

P14 REFER TO WALL SECTIONS AND MISCELLANEOUS DETAILS FOR WALL TRANSITIONS ABOVE ADJACENT ROOF LEVELS - I.E.: BRICK LEDGES, CMU WIDTH AND WALL TYPE TRANSITIONS.

P15 BULLNOSE CMU SHALL BE USED AT ALL OUTSIDE CORNERS, (U.N.O.). DELETE BULLNOSE AT FIRST COURSE OF MASONRY. REFER TO DETAIL 1/A0.1.

P16 UNLESS SPECIFICALLY NOTED OTHERWISE ON DETAILS, ALL MASONRY SHALL BE INSTALLED WITH HORIZONTAL MASONRY REINFORCEMENT AT EVERY OTHER MASONRY COURSE. PROVIDE MASONRY REINFORCEMENT AT EACH MASONRY COURSE IN PARAPET CONDITIONS. REFER TO MASONRY SPECIFICATIONS AND STRUCTURAL DOCUMENTS FOR REINFORCEMENT TYPE AND MATERIAL. FOR MASONRY VENEERS ON STUD CONSTRUCTION, PROVIDE ADJUSTABLE MASONRY TIES AT 16" MAXIMUM HORIZONTALLY AND 16" MAXIMUM VERTICALLY. REFER TO MASONRY SPECIFICATIONS FOR MASONRY TIE TYPE. UNLESS SPECIFICALLY REQUIRED BY DETAILS, DO NOT PLACE TIES OR ANCHORS IN THE SAME COURSE AS FLASHINGS. STRADDLE ANCHORS ABOVE OR BELOW FLASHINGS TO MAINTAIN MAXIMUM SPACINGS INDICATED. MASONRY REINFORCING TO BE MADE SPECIFICALLY FOR THE MASONRY TYPE AND BACK UP APPLICATIONS SHOWN.

P17 REFER TO STRUCT DWGS FOR REQUIREMENTS AND LOCATIONS OF WALLS TO RECEIVE VERTICAL REINFORCING.

P18 REFER TO STRUCT DWGS FOR OTHER REQUIREMENTS PERTAINING TO REINFORCED UNIT MASONRY.

P19 PROVIDE CAVITY VENTS ABOVE MORTAR NET @ 48" O.C. AND @ TOP OF WALL CAVITY @ 48" O.C. TO ALLOW FOR PROPER VENTING OF WALL.

P20 CONCRETE MASONRY UNITS INSTALLED AT EXTERIOR WALLS SHALL RECEIVE APPLICATION OF SPECIFIED DAMPPROOFING ON CAVITY FACE.

P21 CONTRACTOR SHALL INSTITUTE ALL MEASURES NECESSARY TO ACHIEVE WEATHERTIGHTNESS OF EXTERIOR WALLS BY ALLOWING POSITIVE DRAINAGE OF WATER TO THE EXTERIOR WHERE FLASHING IS INDICATED OR REQUIRED.

(a) KEEP ALL CAVITIES FREE OF MORTAR.

(b) PROVIDE WEEPS ON TOP OF THRU-WALL FLASHING AT 16" O.C. HORIZONTAL. DO NOT ALLOW THEM TO BECOME CLOSED-OFF.

(c) PROVIDE SPECIFIED APPLICATION OF DAMPPROOFING ON CAVITY FACE OF CONCRETE MASONRY UNIT. PROVIDE SPECIFIED WATER REPELLENT ON FACE BRICK AND OTHER EXTERIOR MASONRY.

(d) TOOL ALL MORTAR JOINTS AT THE PROPER TIME TO CONSOLIDATE THE SURFACE AND REDUCE WATER INFILTRATION.

(e) THE USE OF LIGHTWEIGHT OR OTHER THAN THE SPECIFIED CONCRETE UNIT MASONRY BACK-UP AT SINGLE WYTHE OR MONOLITHIC WALLS WILL NOT BE PERMITTED AT EXTERIOR WALLS.

(f) INSTALL MORTAR NETTING AT ALL THROUGH FLASHING LOCATIONS.

(g) PRIOR TO APPLICATION OF DAMP-PROOFING, CONTRACTOR TO SEAL ALL CONTROL JOINTS, EXPANSION JOINTS & PENETRATIONS IN CMU.

P22 INTERIOR MASONRY AND/OR GYPSUM BOARD EXPOSED TO VIEW SHALL BE PAINTED UNLESS NOTED EXPOSED TO VIEW SHALL BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH GROUPS. GYP. BD. AND CMU BEHIND CUBBIES, CASEWORK, ETC. SHALL BE PAINTED.

P23 REFER TO ROOM FINISH GROUPS FOR BASE REQUIREMENTS.

P24 AT EXTERIOR MASONRY WALLS, PARTITIONS SHALL BE EXTENDED TIGHT TO FLOOR AND/OR ROOF DECKS, INCLUDING AROUND ALL PENETRATIONS SUCH AS BEAM, JOIST ENDS, AND ETC. FILLING VOIDS IN EXT CMU BACK-UP WITH INSULATION IN LIEU OF A SOLID MASONRY ENCLOSURE SHALL NOT BE PERMITTED.

P25 REFER TO PARTITION DETAILS ON THIS SHEET FOR SPECIFIC CONNECTION AND ATTACHMENT/ BRACING OF NON-LOAD BEARING INTERIOR PARTITION WALL TO STRUCTURE/ DECK ABOVE.

P26 REFER TO DETAILS 6 & 7 A/0.3 FOR TYPICAL BASE FLASHING DETAILS.

P27 PROVIDE HIGH ABUSE/MOLD RESISTANT GYP BD. TO 8'-0" AFF AND MOLD RESISTANT GYP. BD. FROM 8'-0" TO DECK ABOVE. AT WET AREA APPLICATIONS, SPECIFIED TO RECIEVE GYP. BD. IN ADDITION TO HIGH IMPACT/MOLD RESISTANT REQUIREMENTS, PROVIDE WATER RESISTANT GYP. BD. FULL HEIGHT.

P28 AT ALL GYPSUM BOARD OUTSIDE CORNERS EXTENDING TO FLOOR, INSTALL HIGH ABUSE RESILIENT CORNER GUARDS FROM 6" TO 7'-4" A.F.F.

P29 ALL EXPOSED GYPSUM BOARD NOT COVERED WITH BRICK OR CMU AS PART OF ANOTHER WALL TYPE TO BE MUD & TAPED MINIMUM, AND THEN PAINTED WHERE EXPOSED TO VIEW.

SYMBOL LEGEND

Symbol	Description
Name 101 RFG 0	ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER; DOOR NUMBER (DOOR SCHEDULE SHEETS A1.5 & A2.2)
X (diamond)	PLAN KEY NOTES (SHEETS A1.1, A1.3, AND A2.1)
X (square)	WALL / PARTITION TYPE (SCHEDULE SHEET N0.1)
X (triangle)	WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A1.5 & A2.2)
X (hexagon)	TOILET ACCESSORIES (SCHEDULE SHEET A1.3)
X	ELEVATION KEY NOTE (SHEETS A1.4 AND A2.3)
X	ROOF KEY NOTE (SHEETS A1.2 AND A2.1)
X	CEILING PLAN KEY NOTE (SHEETS A1.2 AND A2.3)
X	SIGNAGE KEY NOTE (SHEET N0.1)
FE	WALL MOUNTED FIRE EXTINGUISHER (MOUNT CTR. LINE OF HANDLE AT 4'-0" A.F.F.)
FEC	FIRE EXTINGUISHER CABINET (SEMI-RECESSED), REFER TO DETAILS 9 & 10 / A1.1.
X	ROOM / WALL DESIGNATION FB1 1 HOUR FIRE BARRIER
	ELEVATION MARK
1 A101 SIM	DETAIL OR ENLARGED PLAN
1 A101	EXTERIOR OR INTERIOR ELEVATIONS
1 A101	PARTIAL SECTION OR DETAILS
1 A101 SIM	WALL OR BUILDING SECTION
Y'xY' MB	MARKER BOARD (MB), TACK BOARD (TB), TACK STRIP (TS) PROJECTION SCREEN (PS) AND/OR WALL PADS. REFER TO SPECS. MOUNT TOP OF BOARD AT 6'-8" A.F.F.
CJ	CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.
	PROJECTION SCREEN. REFER TO FLOOR PLANS FOR LOCATIONS.
	CEILING MOUNTED PROJECTOR FOR PROJECTION SCREEN. PROJECTOR & MOUNT N.I.C. (BY OWNER) - REFER TO REFLECTED CEILING PLANS & ELECTRICAL DWGS. FOR ROUGH-IN LOCATIONS & REQUIREMENTS

GENERAL NOTES

G1 (NIC) MEANS NOT IN CONTRACT. TO BE PROVIDED BY OWNER AND INSTALLED BY OWNER.

G2 DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

G3 ALL DIMENSIONS SHOWN ARE TO FACE OF MASONRY, METAL STUDS, OR CENTERLINE OF STRUCTURE. MASONRY DIMENSIONS ARE NOMINAL. EXTERIOR WALL DIMENSIONS ARE TO EXTERIOR SIDE OF VENEER.

G4 REFER TO ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON 1/8" PLANS

G5 PROVIDE BULLNOSE UNITS AT ALL EXPOSED CONCRETE BLOCK CORNERS, UNLESS OTHERWISE NOTED. FIRST COURSE SHALL BE SQUARE BLOCK TO ACCEPT BASE, TYPICAL. REFER TO DETAIL 4/A0.3.

G6 ALL CONCEALED WOOD FRAMING AND PLYWOOD SHALL BE FIRE-RETARDANT TREATED (FRT) EXCEPT THAT NON-F.R.T. BLOCKING, NAILERS AND FURRING MAY BE USED WHERE INSTALLED IN ACCORDANCE WITH KBC SECTION 803.4 (INCLUDING DIMENSIONAL WOOD BLOCKING, FIRE BLOCKING, REQUIREMENTS, ETC.). WOOD BLOCKING INSTALLED IN ACCORDANCE WITH KBC SECTION 603, PARAGRAPH 11 FOR HANDRAILS, MILLWORK, CABINETS, WINDOWS AND DOORS IS NOT REQUIRED TO BE F.R.T. AT COPINGS AND ROOFING TERMINATIONS ALL BLOCKING SHALL BE PRESSURE TREATED (PT). WHERE WOOD BLOCKING IS IN CONTACT WITH CMU, MASONRY OR CONCRETE, SUCH BLOCKING SHALL BE PRESSURE TREATED.

G7 REFER TO STRUCTURAL DRAWINGS FOR TYPES, SIZE, LOCATION, CONNECTIONS, REINFORCEMENT AND OTHER REQUIREMENTS PERTAINING TO STRUCTURAL COMPONENTS INDICATED.

G8 REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCING IN CMU WALLS, POURED CONCRETE SLABS AND FOUNDATIONS.

G9 REFER TO STRUCTURAL DRAWING FOR LINTEL SCHEDULE.

G10 VERIFY REQUIRED DEPTH OF ALL RECESSED SLABS WITH APPROPRIATE MANUFACTURER PRIOR TO PLACEMENT OF SLAB.

G11 ALL CHANGES IN FLOOR FINISHES SHALL OCCUR AT DOOR THRESHOLDS - TYPICAL, U.N.O.

G12 MOUNTING HEIGHTS: (UNLESS NOTED OTHERWISE)

TB (TACK BOARD) - MOUNT TOP @ 6'-8" A.F.F.
MB (MARKER BOARD) - MOUNT TOP @ 6'-8" A.F.F.

G13 ALL CONTRACTORS SHALL REVIEW DWGS FOR MATERIALS AND MANUFACTURER'S MODEL NUMBERS LISTED ON DWGS.

G14 CONTACT BETWEEN DISSIMILAR METALS SHALL BE SEPARATED WITH BUTYL TAPE, OR OTHER APPROVED MEANS TO PREVENT GALVANIC CORROSION.

G15 CONTRACTOR SHALL PROVIDE ALL CONCEALED BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT, FIXTURES, WINDOWS, ETC.

G16 GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL APPLICATIONS OF GYPSUM BOARD.

G17 ALL EXPOSED CORNERS AND EDGES OF GYPSUM BOARD SHALL BE FINISHED WITH CORNER BEAD OR J-BEAD, RESPECTIVELY.

G18 IF INTERIOR PARTITION WALLS EXTEND FULL HEIGHT PROVIDE CLOSURE TO DECK OR ROOF W/ BATT INSULATION OR FIRE-SAFING AS REQUIRED. ANY ADJACENT A.F.F. DESIGNATION IDENTIFIES A SPECIFIC PARTITION HEIGHT.

G19 PARTITIONS TYPES ARE TO MAINTAIN THEIR RESPECTIVE SEPARATION/RATING (IF ANY) FULL HEIGHT. ALL HVAC, ELECTRICAL, PLUMBING PENETRATIONS ARE TO BE SEALED/ SAFED/ DAMPERED TO COMPLY WITH LOCAL CODES.

G20 CONTRACTOR SHALL VERIFY ALL ROUGH OPENING SIZES FOR WINDOWS AND DOORS AND COORDINATE ANY REQUIRED ADJUSTMENTS WITH THE ARCHITECT.

G21 SYMBOLS THAT REPRESENT M&E ITEMS ON ARCHITECTURAL DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY. REFER TO M&E DRAWINGS FOR SPECIFIC INFORMATION.

G22 ALL WOOD BLOCKING, NAILERS, SILL PLATES, ETC. IN CONTACT WITH SLABS-ON-GRADE OR EXTERIOR MASONRY OR CONCRETE SHALL BE PRESSURE-PRESERVATIVE TREATED (P.T.). REFER TO THE DRAWINGS FOR OTHER LOCATIONS WHERE P.T. WOOD IS REQUIRED.

G23 ALL P.T. WOOD COMPONENTS SHALL BE SEPARATED FROM CONTACT WITH ADJACENT METALS WITH PERMANENTLY AFFIXED NO. 15 FELT, SELF-ADHERING ELASTOMERIC MEMBRANE, OR OTHER SUCH PERMANENT NON-CORROSIVE SEPARATION MATERIAL.

G24 ALL ANCHORS, FASTENERS, ETC. IN CONTACT WITH P.T. WOOD COMPONENTS SHALL BE STAINLESS STEEL OR G-90 (MIN.) HOT-DIPPED GALVANIZED.

G25 REFER TO PLUMBING DWG'S. FOR ALL FLOOR DRAIN LOCATIONS.

G26 SEAL ALL FLOOR / WALL PENETRATIONS AT MECHANICAL PLATFORMS FOR SOUND ISOLATION.

G27 AT ALL DETAILS REFERRING TO "ICYNENE" OR SPRAY FOAM INSULATION (OR EQUIVALENT), 6" (MIN.) OF SPRAY FOAM INSULATION SHALL BE UTILIZED TO ACHIEVE A MINIMUM THERMAL RESISTANCE RATING OF R-22.

G28 PROVIDE FILLER PANELS AT LOCKER LOCATIONS AS REQ'D. FILLER PANELS TO HAVE SLOPED TOPS.

BID ALTERNATES

BID ALT. No. 1: PROVIDE SYNTHETIC TURF AT THE WARNING TRACKS AREAS OF THE NEW BASEBALL & SOFTBALL FIELDS; AT EACH SOCCER FIELD GOAL AREAS AND ALONG THE SIDELINES.

BID ALT. No. 2: PRE-MANUFACTURED PROTECTIVE COVERINGS FOR THE BENCH AREAS AT THE NEW SOCCER FIELD SIDELINE AREAS.

BID ALT. No. 3: OWNER-PREFERRED MANUFACTURER(S) FOR SITE & CIVIL SCOPE OF WORK.

BID ALT. No. 4: OWNER-PREFERRED MANUFACTURER(S) FOR ARCHITECTURAL SCOPE OF WORK.

BID ALT. No. 5: OWNER-PREFERRED MANUFACTURER(S) FOR PLUMBING, MECHANICAL, & ELECTRICAL SCOPE OF WORK.

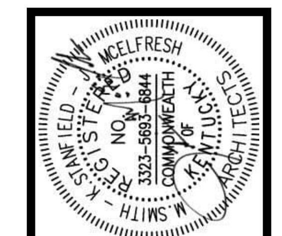
BID ALT. No. 6: PROVIDE CUSTOM, PROGRAMMABLE SHOW-LIGHTS FOR THE EXTERIOR ATHLETIC LIGHTING SYSTEM.

BID ALT. No. 7: PROVIDE & INSTALL THE IRRIGATION SYSTEM FOR THE NEW BASEBALL, SOFTBALL, AND SOCCER FIELDS.

BID ALT. No. 8: PROVIDE & INSTALL AN IRRIGATION SYSTEM FOR THE BAZZELL MIDDLE SCHOOL PRACTICE FIELD.

BID ALT. No. 9: PROVIDE & INSTALL CUSTOM WIND-SCREENS AT THE BACKSIDE OF THE FOOTBALL GRANDSTANDS ABOVE THE NEW CONCESSIONS & RESTROOM AREA

SHERMAN CARTER BARNHART ARCHITECTS



ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GENERAL INFORMATION

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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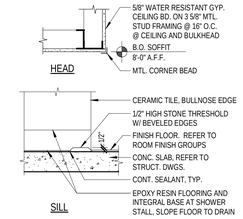
REVISIONS

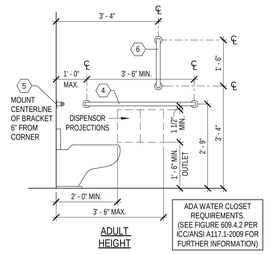
No.	Description	Date

SHEET

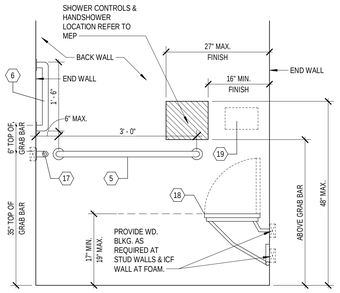
A0.0



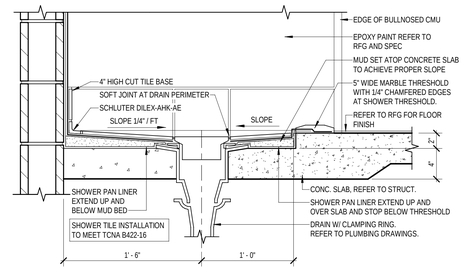
4 SHOWER HEAD / SILL DETAIL
1" = 1'-0"



1 GRAB BAR LAYOUT
1/2" = 1'-0"

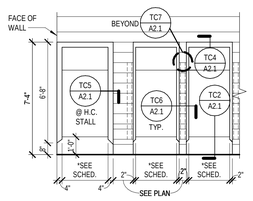


2 ADA SHOWER CONTROLS LAYOUT
3/4" = 1'-0"

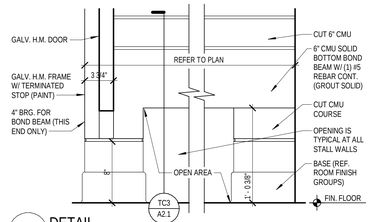


3 TYP. SHOWER DETAIL
1 1/2" = 1'-0"

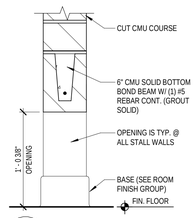
TOILET COMPARTMENT DETAILS (TC)



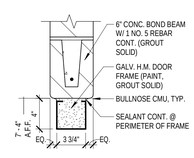
TC1 PARTIAL ELEVATION
1/4"=1'-0" *SCHEDULE LOCATED ON SHEET A2.1
**REFER TO FLOOR PLANS FOR STALL LAYOUT AND QUANTITY



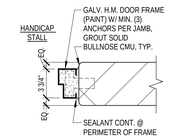
TC2 DETAIL
1 1/2" = 1'-0"



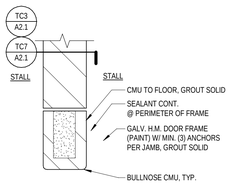
TC3 SECTION
1 1/2" = 1'-0"



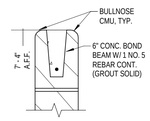
TC4 HEAD DETAIL
1 1/2" = 1'-0"



TC5 JAMB DETAIL
1 1/2" = 1'-0"



TC6 JAMB DETAIL
1 1/2" = 1'-0"



TC7 HEAD DETAIL
1 1/2" = 1'-0"

TOILET ACCESSORY SCHEDULE

-	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT R.J. VANCE SMITH NO. 5393 COMMONWEALTH OF KENTUCKY MCELFRESH ASSOCIATES ARCHITECTS

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

TYPICAL RESTROOM DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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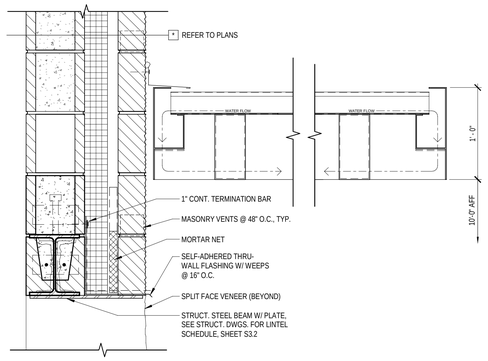
REVISIONS

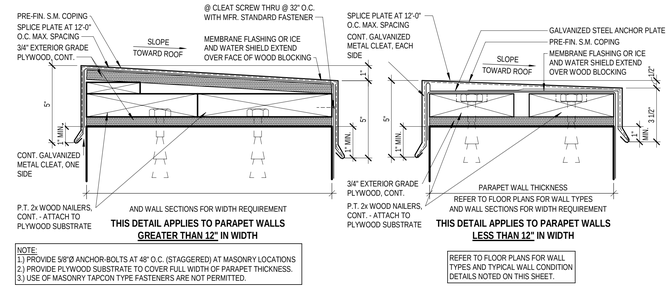
No.	Description	Date

SHEET

A0.1



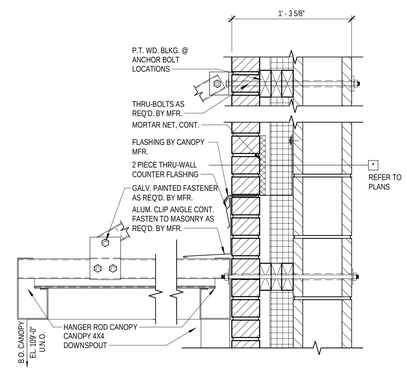
11 CANOPY DETAIL
1 1/2" = 1'-0"



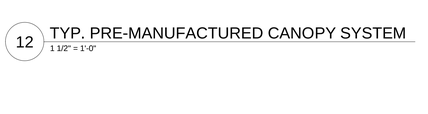
NOTE:
1.) PROVIDE 5/8"Ø ANCHOR-BOLTS AT 48" O.C. (STAGGERED) AT MASONRY LOCATIONS
2.) PROVIDE PLYWOOD SUBSTRATE TO COVER FULL WIDTH OF PARAPET THICKNESS.
3.) USE OF MASONRY TAPCON TYPE FASTENERS ARE NOT PERMITTED.

REFER TO FLOOR PLANS FOR WALL TYPES AND TYPICAL WALL CONDITION DETAILS NOTED ON THIS SHEET.

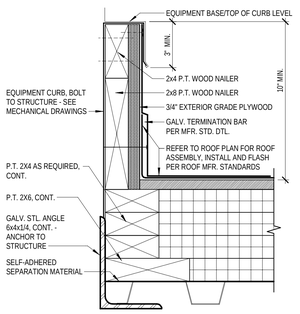
1 TYP. COPING DETAIL
3" = 1'-0"



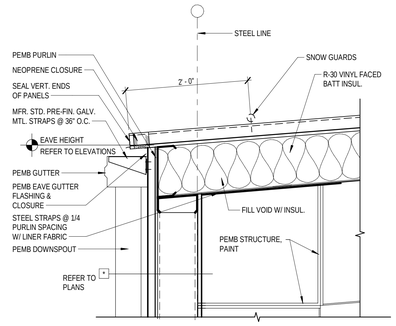
12 TYP. PRE-MANUFACTURED CANOPY SYSTEM
1 1/2" = 1'-0"



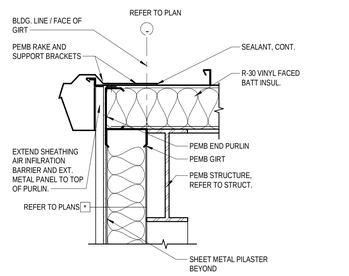
13 TYP. PRE-MANUFACTURED CANOPY SYSTEM
1" = 1'-0"



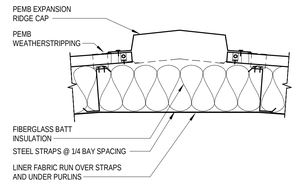
14 TYP. MECHANICAL CURBS
3" = 1'-0"



7 TYP. PEMB GUTTER
1" = 1'-0"

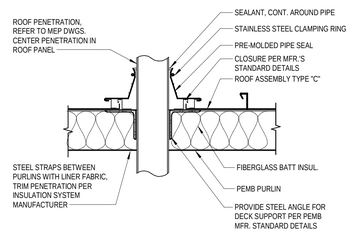


8 TYP. PEMB RAKE
1" = 1'-0"

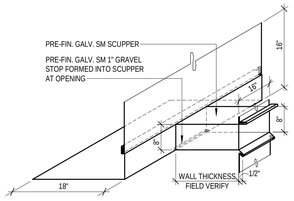


9 TYP. PEMB RIDGE CAP
1" = 1'-0"

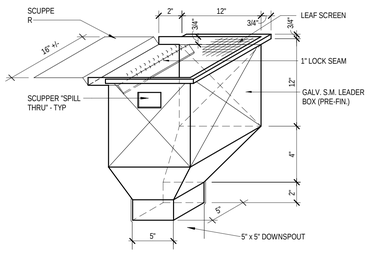
ALL NOTES ARE TYP. ON BOTH SIDES OF PENETRATION



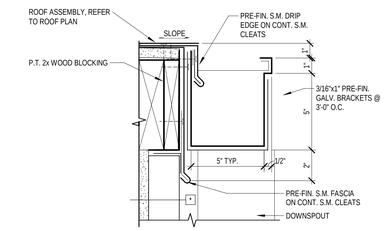
10 TYP. VENT THRU ROOF @ ROOF TYPE 'C'
1" = 1'-0"



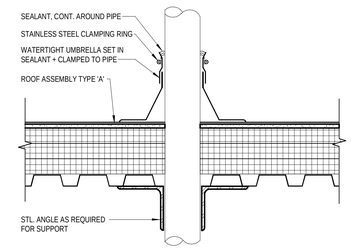
2 TYP. SCUPPER DETAIL
1 1/2" = 1'-0"



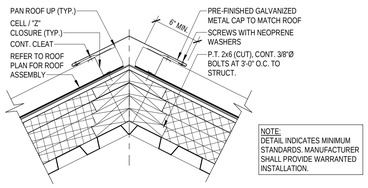
3 CONDUCTOR HEAD DETAIL
1 1/2" = 1'-0"



4 TYP. GUTTER DETAIL
3" = 1'-0"



5 TYP. ROOF PENETRATION @ ROOF TYPE 'A'
1 1/2" = 1'-0"



NOTE:
DETAIL INDICATES MINIMUM STANDARDS. MANUFACTURER SHALL PROVIDE WARRANTED INSTALLATION.

6 RIDGE CAP @ ROOF TYPE 'C'
1 1/2" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECT — JOHN M. SMITH — NO. 5984 — 3/24/2026

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

TYPICAL ROOF DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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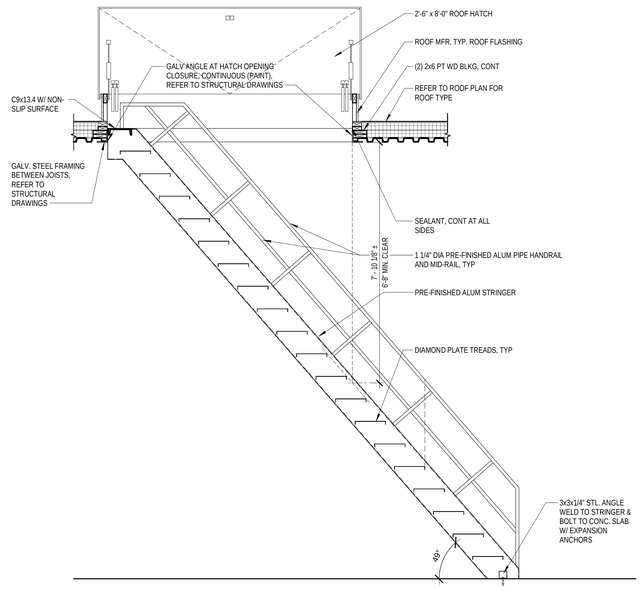
REVISIONS

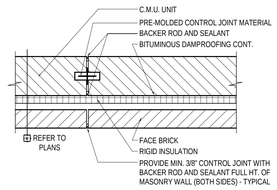
No.	Description	Date

SHEET

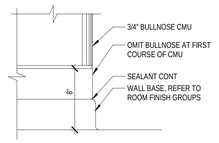
A0.2



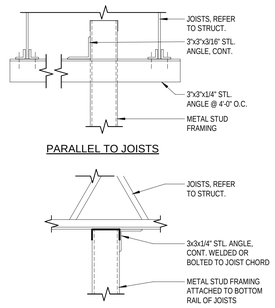
18 INDUSTRIAL STAIR DETAIL
1/2" = 1'-0"



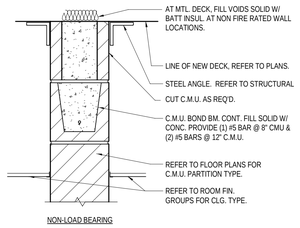
16 TYP. CONTROL JOINT @ EXTERIOR WALL TYPE 'A'
1" = 1'-0"



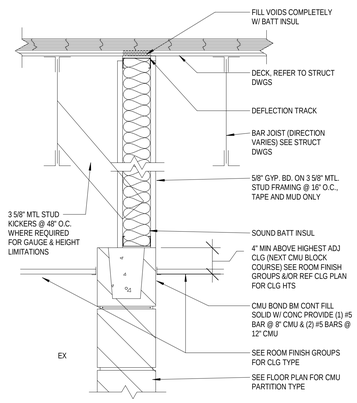
17 TYP. CMU BASE DETAIL
1 1/2" = 1'-0"



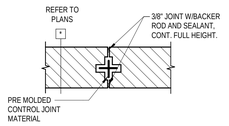
11 TYP. SOFFIT SUPPORT
1 1/2" = 1'-0"



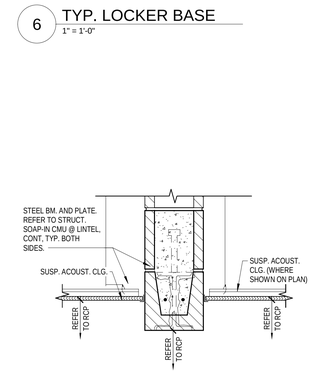
12 TYPICAL DETAIL CMU PARTITIONS
1 1/2" = 1'-0"



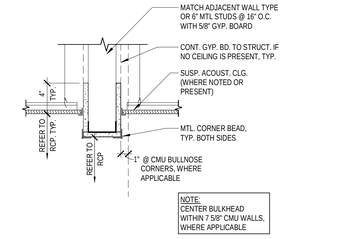
13 TYP. ENCLOSURE DTL.
1 1/2" = 1'-0"



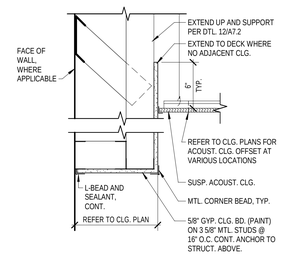
14 TYP. CONTROL JOINT @ INTERIOR CMU WALL
1" = 1'-0"



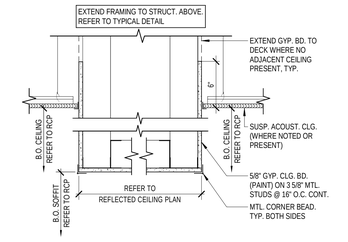
7 CEILING DETAIL
1 1/2" = 1'-0"



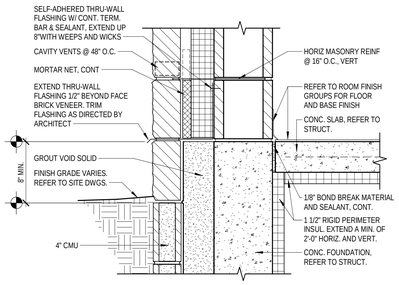
8 TYP. BULKHEAD DETAIL
1 1/2" = 1'-0"



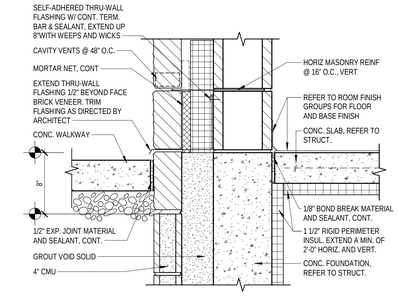
9 TYP. SOFFIT DETAIL
1 1/2" = 1'-0"



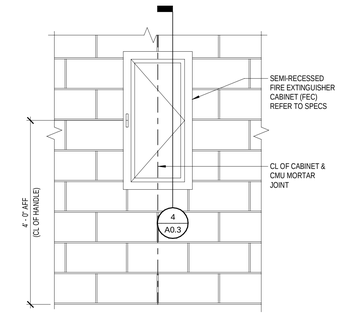
10 TYP. SOFFIT DETAIL
1 1/2" = 1'-0"



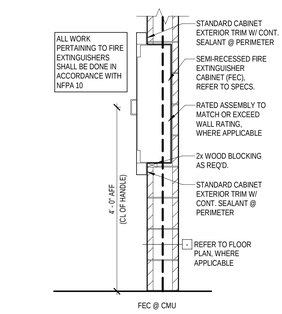
1 BASE FLASHING DETAIL
1 1/2" = 1'-0"



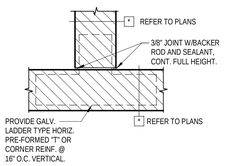
2 BASE FLASHING DETAIL
1 1/2" = 1'-0"



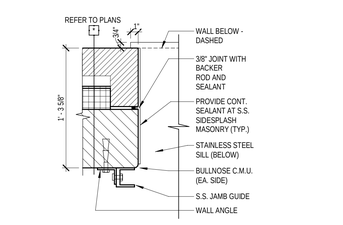
3 TYP. FEC ELEVATION @ INTERIOR CMU WALL
3/4" = 1'-0"



4 TYP. FEC SECTION
3/4" = 1'-0"



15 TYP. CMU PERP. TO CMU
1" = 1'-0"



5 COILING SHUTTER COUNTER JAMB DETAIL
1 1/2" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

KYLE W. SMITH
LICENSED ARCHITECT
NO. 32324
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

TYPICAL DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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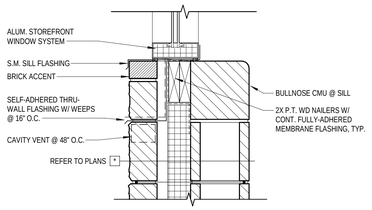
REVISIONS

No.	Description	Date

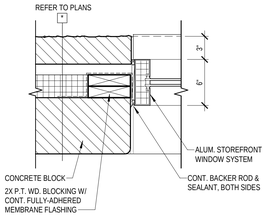
SHEET

A0.3

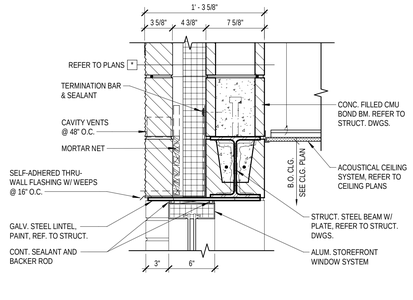
2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
3/24/2026 12:15:03 PM



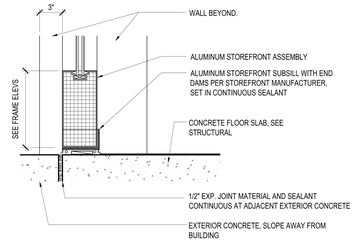
17 TYP. ALUMINIUM FRAME SILL DETAIL
1 1/2" = 1'-0"



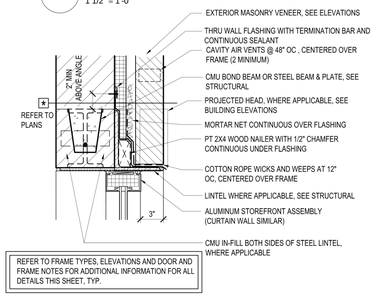
18 TYP. ALUMINUM FRAME JAMB DETAIL @ MASONRY
1 1/2" = 1'-0"



19 HEAD DETAIL
1 1/2" = 1'-0"

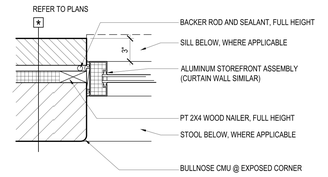


13 TYPICAL ALUMINUM FRAME BASE DETAIL
1 1/2" = 1'-0"

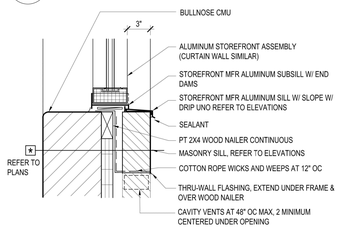


REFER TO FRAME TYPES, ELEVATIONS AND DOOR AND FRAME NOTES FOR ADDITIONAL INFORMATION FOR ALL DETAILS THIS SHEET, TYP.

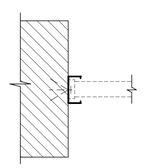
14 TYPICAL ALUMINUM FRAME HEAD DETAIL AT MASONRY
1 1/2" = 1'-0"



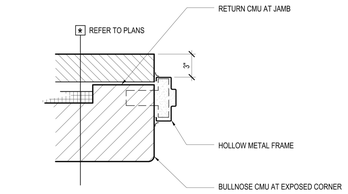
15 TYPICAL ALUMINUM FRAME JAMB DETAIL AT MASONRY
1 1/2" = 1'-0"



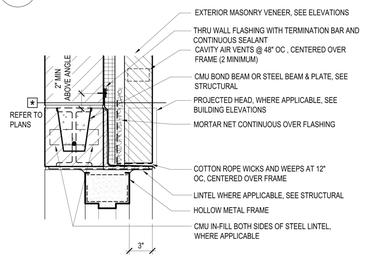
16 TYPICAL ALUMINUM FRAME SILL DETAIL AT MASONRY
1 1/2" = 1'-0"



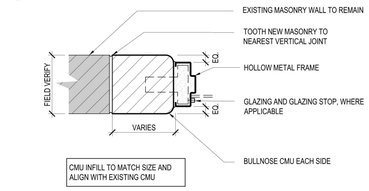
20 TYP. JAMB DETAIL @ SECURITY GRILLE
1 1/2" = 1'-0"



7 TYPICAL HOLLOW METAL JAMB DETAIL AT MASONRY
1 1/2" = 1'-0"

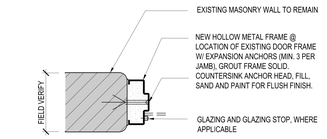


8 TYPICAL HOLLOW METAL HEAD DETAIL AT MASONRY
1 1/2" = 1'-0"



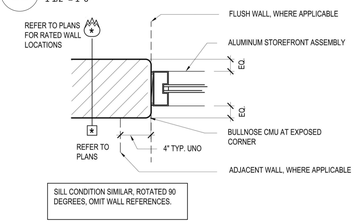
CMU INFILL TO MATCH SIZE AND ALIGN WITH EXISTING CMU

9 TYPICAL HOLLOW METAL JAMB DETAIL AT EXISTING CMU
1 1/2" = 1'-0"



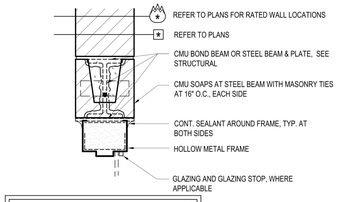
10 TYPICAL HOLLOW METAL JAMB DETAIL AT EXISTING CMU OPENING
1 1/2" = 1'-0"

11 TYPICAL ALUMINUM FRAME HEAD DETAIL AT INTERIOR CMU
1 1/2" = 1'-0"



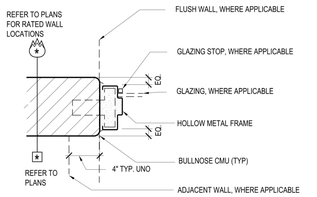
SILL CONDITION SIMILAR, ROTATED 90 DEGREES, OMIT WALL REFERENCES.

12 TYPICAL ALUMINUM FRAME JAMB DETAIL AT INTERIOR CMU
1 1/2" = 1'-0"

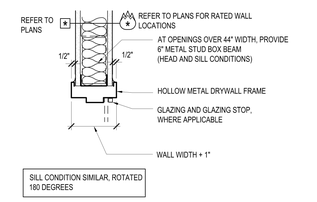


REFER TO FRAME TYPES, ELEVATIONS AND DOOR AND FRAME NOTES FOR ADDITIONAL INFORMATION FOR ALL DETAILS THIS SHEET, TYP.

1 TYPICAL HOLLOW METAL HEAD DETAIL AT INTERIOR CMU
1 1/2" = 1'-0"

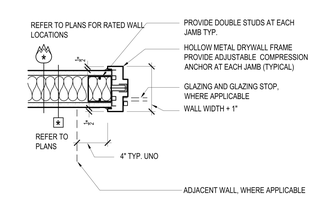


2 TYPICAL HOLLOW METAL JAMB DETAIL AT INTERIOR CMU
1 1/2" = 1'-0"

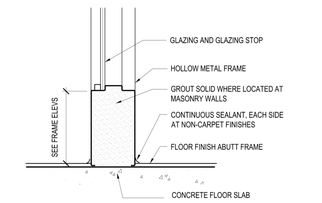


SILL CONDITION SIMILAR, ROTATED 180 DEGREES

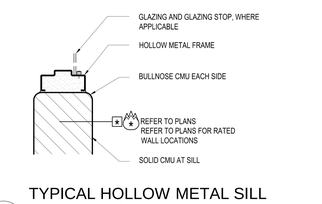
3 TYPICAL HOLLOW METAL HEAD DETAIL AT METAL STUD
1 1/2" = 1'-0"



4 TYPICAL HOLLOW METAL JAMB DETAIL AT METAL STUD
1 1/2" = 1'-0"



5 TYPICAL HOLLOW METAL FRAME BASE DETAIL
1 1/2" = 1'-0"



6 TYPICAL HOLLOW METAL SILL DETAIL AT CMU
1 1/2" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS
REGISTERED ARCHITECTURAL FIRM KY. NO. 3353-5694 R. JOSEPH SMITH, JR. REGISTERED ARCHITECT KY. NO. 24844 CHRISTOPHER A. WEITH REGISTERED ARCHITECT KY. NO. 32844

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

DOOR DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

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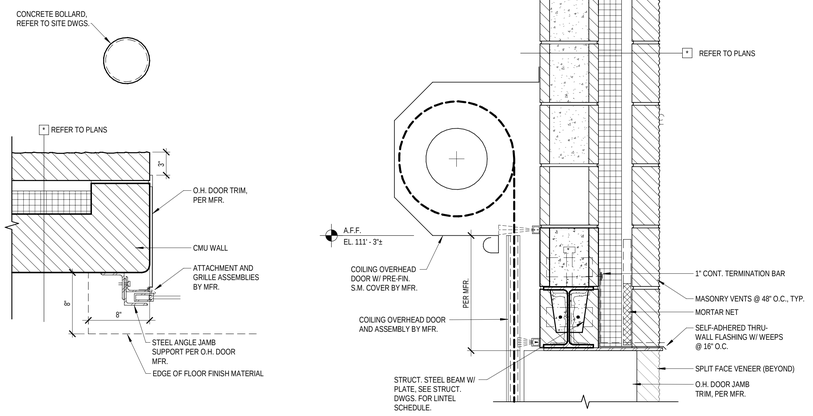
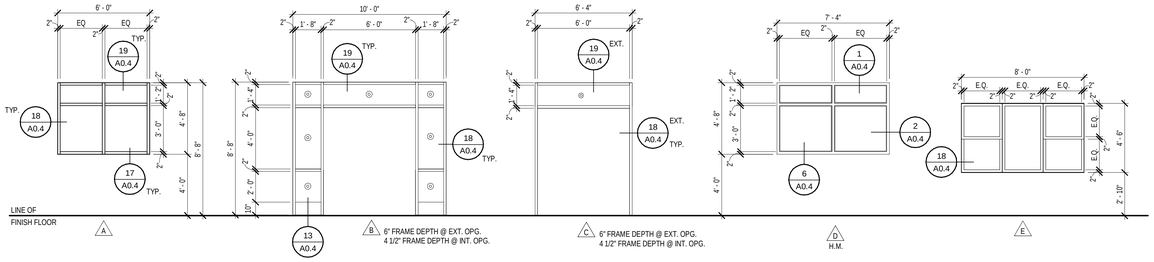


2 OVERHEAD DOOR HEAD/JAM DETAILS

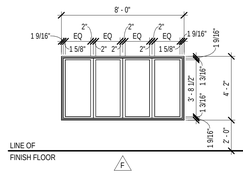
1 1/2" = 1'-0"



ALUMINUM STOREFRONT FRAME TYPES (U.N.O.)

1/4" = 1'-0"

ALL EXTERIOR GLAZING SHALL BE 1" INSULATED, U.N.O.
H.M. DENOTES HOLLOW METAL FRAME
@ DENOTES TEMPERED GLASS



ALUMINUM STOREFRONT FRAME TYPES (U.N.O.)

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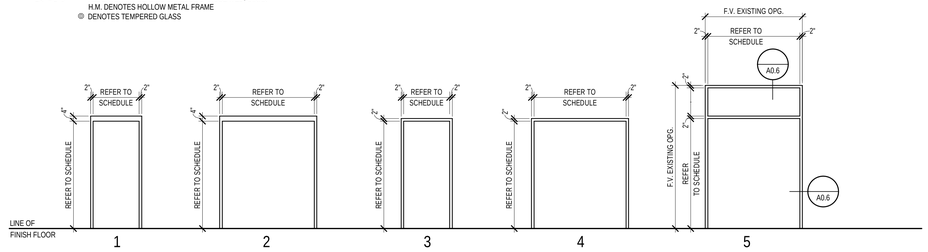
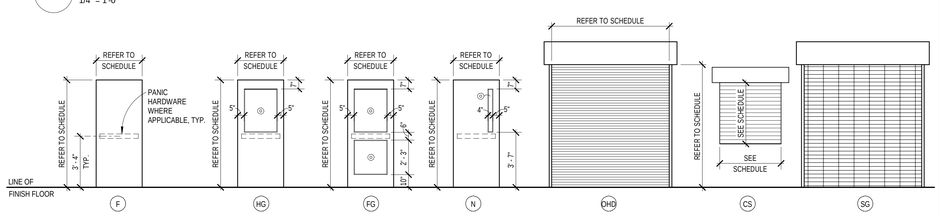


DOOR - HM FRAME TYPES

1/4" = 1'-0"



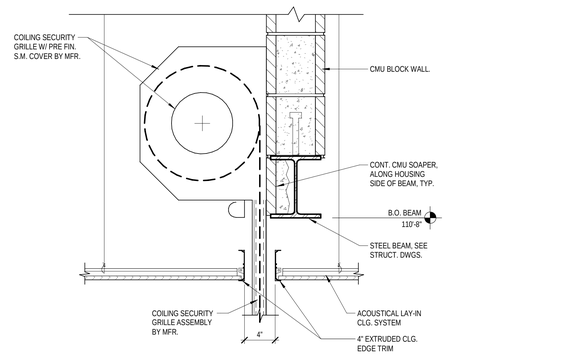
DOOR - TYPES

1/4" = 1'-0"

DOOR DIMENSIONS: DIMENSIONS NOTED ARE MINIMUM SIZES TO FACILITATE AND/OR CONCEAL PROJECT SPECIFIC HARDWARE, MFR. STANDARD DIMENSIONS WHICH NOMINALLY EXCEED THE MINIMUMS ARE ACCEPTABLE SUBJECT TO ARCHITECT REVIEW.

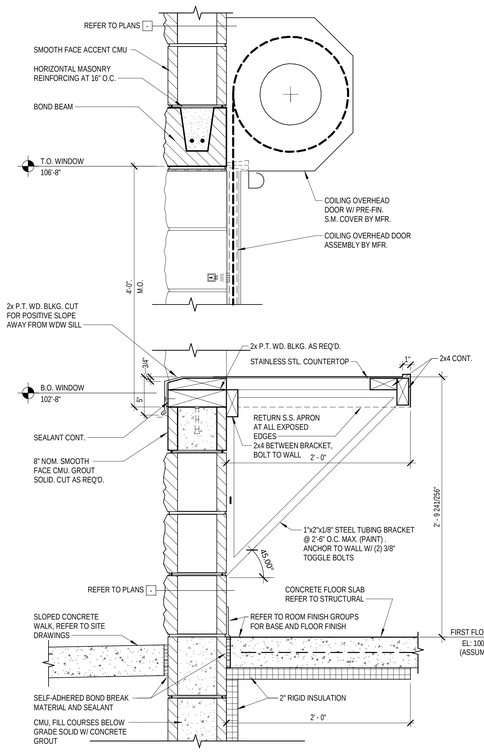
GLAZING NOTE: DIMENSIONS TO GLAZING EDGE NOTED ARE TO OUTERMOST EDGE AND DO NOT INCLUDE GLAZING TRIM PROVIDE "FRSG" FIRE RATED SAFETY GLAZING AT RATED DOOR ASSEMBLIES

○ DENOTES TEMPERED GLASS



6 HEAD DETAIL @ SECURITY GRILLE

1 1/2" = 1'-0"



5 WALL SECTION @ CONCESSIONS

1 1/2" = 1'-0"

DOOR AND FRAME NOTES

GENERAL NOTES:

1. TYPICAL DOOR DISTANCE AT 8" TO ADJACENT WALL, U.N.O.
2. REFER TO TYPICAL HEAD AND JAMB DETAILS THIS SHEET AND REFERENCED DETAILS ON THE DOOR SCHEDULE.
3. REFER TO THIS SHEET FOR ALUM. AND H.M. FRAME ELEVATIONS.

HOLLOW METAL FRAME NOTES:

A. PROVIDE REINFORCING CHANNEL IN FRAME HEAD AT ALL H.M. FRAMES WHERE TOTAL FRAME WIDTH IS GREATER THAN 4 FT.
B. PROVIDE 11 GA. x 2" WIDE STRAPS AT 8" O.C. IN H.M. FRAME HEADS GREATER THAN 2" IN HT., TYP.
C. LINTEL BEAM LENGTH SHALL BE M.O. PLUS 16" LONG (MIN. 8" BEARING AT EACH END UNLESS NOTED OTHERWISE). LINTEL PLATE LENGTH SHALL BE M.O. LESS 1/4" LONG (1/8" AT EACH END) REFER TO STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.
D. WHERE GLAZING IS SHOWN, THE FRAME FABRICATOR SHALL PRE-DRILL STOPS AND FRAME TO RECEIVE MOUNTING SCREWS. VERIFY LOCATIONS AND DEPTH OF GLAZING MATERIAL.

ALUMINUM FRAME NOTES:

A. PROVIDE RIGID INSULATION INSERTS AT FRAME PERIMETER.
B. PROVIDE LOW EXPANSION SPRAY FOAM SEALANT AT SHIM VOIDS.
C. PROVIDE PRESSURE TREATED (P.T.) WOOD SHIMS AS REQUIRED.

DOOR NOTES:

A. UNDERCUT AT NON-RATED H.M. DOORS 1/2" FROM BOTTOM OF DOOR TO SCHEDULED FLOOR FIN.
B. UNDERCUT AT EXTERIOR DOORS 1/8" MAX FROM BOTTOM OF DOOR TO TOP OF THRESHOLD.
C. ALL EXTERIOR HOLLOW METAL DOORS TO HAVE FLUSH CLOSURE CAPS TOP AND BOTTOM.
D. PROVIDE THRESHOLDS AS REQUIRED AT DOORS. SEE TYPICAL THRESHOLD DETAILS (THIS SHEET) AND ROOM FINISH GROUPS FOR FLOOR FINISHES.

HARDWARE NOTES:

A. PROVIDE AND INSTALL ALL HARDWARE IN ACCORDANCE WITH APPLICABLE ARTICLES OF "THE AMERICANS WITH DISABILITIES ACT (A.D.A.)".
B. REFER TO HARDWARE SPECIFICATION FOR ADDITIONAL HARDWARE REQUIREMENTS SPECIFIC TO INDIVIDUAL DOORS.
C. INSTALL ASSEMBLY IN STRICT COMPLIANCE WITH MANUFACTURER WRITTEN GUIDELINES.
D. PROVIDE ALL ACCESSORIES AS TESTED WITH THE DOOR ASSEMBLY AND REQUIRED FOR A COMPLETE OPERATIONAL DOOR ASSEMBLY.
E. COORDINATE KEYING AND CYLINDER TYPES WITH OWNER.
F. PROVIDE EXTERIOR THRESHOLD AS RECOMMENDED BY MANUFACTURER.

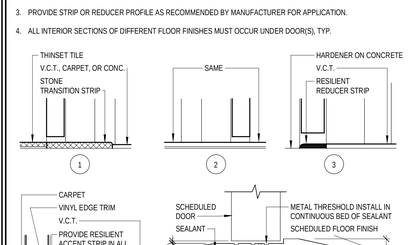
GLAZING NOTES:

1. ALL EXTERIOR GLAZING IS 1" INSULATED, UNLESS NOTED OTHERWISE.
2. ALL INTERIOR GLAZING IS 1/4", UNLESS NOTED OTHERWISE.
3. ⓖ DENOTES TEMPERED GLAZING.
4. PROVIDE FIRE RATED GLAZING (FRSG) AT ALL GLAZING APPLICATIONS IN FIRE RATED WALLS; GLAZING AS REQUIRED BY CODE FOR APPLICATION.
5. ALL GLAZING AND GLAZING STOPS AT INTERIOR DOOR AND FRAME ASSEMBLIES TO BE INSTALLED ON THE SECURE SIDE OF THE ASSEMBLIES.
6. GLAZING LOCATIONS AND DIMENSIONS INDICATED ON DOOR TYPES IS TO THE EDGE OF THE VISIBLE GLAZING.
7. WHERE GLAZING IS SHOWN, THE FRAME FABRICATOR SHALL PRE-DRILL STOPS AND FRAME TO RECEIVE MOUNTING SCREWS. VERIFY LOCATIONS AND DEPTH OF GLAZING MATERIAL.

TYPICAL THRESHOLD DETAILS - N.T.S.

GENERAL NOTES:

1. REFER TO ROOM FINISH GROUPS AND FLOOR PLANS FOR FINISHES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE SURE THE PROPER THRESHOLD IS USED.
2. PROVIDE RESILIENT TRANSITION STRIPS OR REDUCERS BETWEEN ALL DIFFERING FLOOR FINISH MATERIALS I.E. CARPET TO TILE.
3. PROVIDE STRIP OR REDUCER PROFILE AS RECOMMENDED BY MANUFACTURER FOR APPLICATION.
4. ALL INTERIOR SECTIONS OF DIFFERENT FLOOR FINISHES MUST OCCUR UNDER DOOR(S), TYP.



DOOR SCHEDULE(S)

NO.	DOOR LEAVES	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR TYPE	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	FRAME REFER TO A0.5 & A0.6 FOR TYP. DETAILS U.N.O. HEAD	FRAME REFER TO A0.5 & A0.6 FOR TYP. DETAILS U.N.O. JAMB	FIRE RATING	CLOSER	REMARKS
100 AUXILIARY GYMNASIUM ADDITION														
E11	1	3' - 0"	7' - 0"	HM	N	FRSG	HM	2		/A1.5	/A1.5	90 MIN.		1, 2, 5, 6B, 9, 12, 15,
E100	2	3' - 0"	7' - 0"	ALUM	FG	1" INSUL	ALUM	C	1" INSUL	2/A0.5	5/A0.5	-	105	2, 5, 6B, 9, 12, 15,
E109	2	3' - 0"	7' - 0"	ALUM	FG	1/4"	ALUM	C		/A0.6	/A0.6	-	105	5, 9, 12, 15,
E110.1	2	3' - 0"	7' - 0"	HM	N	1" INSUL	HM	4	-	/A0.6	/A0.6	-	105	1, 2, 5, 6B, 9, 12, 15,
E110.2	2	3' - 0"	7' - 0"	HM	N	1" INSUL	HM	4	-	/A0.6	/A0.6	-	105	1, 2, 5, 6B, 9, 12, 15,
E110.3		10' - 0"	10' - 0"	MFR	OHD		MFR	-	-	3/A0.5	3/A0.5	-		2, 15
E111	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-	/A0.6	/A0.6	-	105	1, 2, 9, 12, 15
E114	2	3' - 0"	7' - 0"	ALUM	FG	1" INSUL	ALUM	B	1" INSUL	2/A0.5	5/A0.5	-	105	2, 5, 6B, 9, 12, 15,
E115	2	3' - 0"	7' - 0"	HM	N	FRSG	HM	2	-	/A1.5	/A1.5	90 MIN.		1, 2, 5, 6B, 9, 12, 15,
E116		9' - 0"	8' - 0"	MFR	OHD	-	MFR	-	-	9/A0.5	9/A0.5	-	-	2, 15
100	2	3' - 0"	7' - 0"	ALUM	FG	1/4" INSUL	ALUM	B	1/4" INSUL	11/A0.6	12/A0.6	-	105	2, 5, 9, 12, 15
102.1	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
102.2	0	8' - 0"	8' - 0"	-	OHD	1/4"	-	-	-	3/A0.5	3/A0.5			15
103	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
106	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
107.1	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
107.2	1	2' - 8"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
109	2	3' - 0"	7' - 0"	ALUM	FG	1/4" INSUL	ALUM	2	-	11/A0.6	12/A0.6			2, 5, 9, 12, 15
110.1	2	3' - 0"	7' - 0"	HM	N	1/4"	HM	2	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
110.2	2	3' - 0"	7' - 0"	HM	N	1/4"	HM	2	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
110.3	2	3' - 0"	7' - 0"	HM	N	1/4"	HM	2	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
110.4	2	3' - 0"	7' - 0"	HM	N	1/4"	HM	2	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
110.5	0	8' - 0"	8' - 0"	-	OHD	1/4"	-	-	-	3/A0.5	3/A0.5			15
112	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
113	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6			1, 3, 5, 9, 14, 15, 19
114	2	3' - 0"	7' - 0"	ALUM	FG	1/4" INSUL	ALUM	A	1/4" INSUL					2, 5, 9, 12, 15
115.1	2	3' - 6"	6' - 11"	HM	FG	FRSG	HM	5	FRSG	/A1.5	6/A1.5	-	105	3, 5, 9, 12, 15,
115.2	2	3' - 0"	7' - 0"	HM	N	FRSG	HM	2	FRSG	/A1.5	/A1.5	90 MIN.	105	3, 5, 6B, 9, 12, 14, 15, 19
200 NEW FIELDHOUSE BUILDING														
E200	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 15
E204	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	-	1, 2, 5, 6B, 9, 15
E205	1	8' - 0"	7' - 4"	-	OHD	-	-	-	-	3/A0.5	3/A0.5	-	-	2, 15
E208	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 15
E213.1	2	3' - 0"	7' - 0"	HM	FG	1" INSUL	HM	2	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 12, 15,
E213.2	2	3' - 0"	7' - 0"	HM	FG	1" INSUL	HM	2	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 12, 15
E216	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 15
E220.1	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-	8/A0.6	7/A0.6	-	105	1, 2, 5, 6B, 9, 12, 15,
E224.1	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	-	1, 2, 5, 6B, 9, 15
E224.2		8' - 0"	8' - 0"	-	OHD	-	-	-	-	3/A0.5	3/A0.5	-	-	2, 15
200	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 14, 15
201	1	3' - 0"	7' - 0"	HM	N	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
207	1	3' - 0"	7' - 0"	HM	N	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
208	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 14, 15
213	1	3' - 0"	7' - 0"	HM	HG	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
214	1	3' - 0"	7' - 0"	HM	HG	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
214.1	1	3' - 0"	7' - 0"	HM	HG	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
215	1	3' - 0"	7' - 0"	HM	HG	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
220	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-	1/A0.6	2/A0.6	-		1, 12, 14, 15
221	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 15
222	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 15
223	1	3' - 0"	7' - 0"	HM	N	1/4"	HM	1	-	1/A0.6	2/A0.6	-		1, 15
224	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 15
225	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	-	
226	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	
227	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		
228	1	2' - 8"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		
229	1	2' - 6"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		
231	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	-	
233	1	2' - 8"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	-	
234	1	8' - 0"	8' - 0"	HM	F	-	HM	2	-	1/A0.6	2/A0.6	-		
244			0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	-	
245	1	2' - 4"	7' - 0"											
246	1	2' - 4"	7' - 0"											
300 CONCESSIONS BUILDING														
E300	1	4' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	1, 2, 5, 6B, 9, 15
E300.1		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E300.2		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E301	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	1, 2, 5, 6B, 9, 15
E302	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 2, 5, 6B, 9, 15
E303	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	1, 2, 5, 6B, 9, 15
E304	1	4' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	1, 2, 5, 6B, 9, 15
E304.1		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E304.2		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
302	1	2' - 0"	7' - 0"	HM	F	-	HM	1	-			-		
400 NEW BASEBALL FIELD														
E401	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6		105	
E407	1	3' - 0"	7' - 0"	HM	F	-	HM	3	-	8/A0.6	7/A0.6	-		1, 2, 5, 6B, 9, 15
E407.1	1	8' - 0"	8' - 0"	MFR	OHD	-	MFR	-	-			-		
E408	1	3' - 0"	7' - 0"	HM	F	-	HM	3	-	8/A0.6	7/A0.6	-		1, 2, 5, 6B, 9, 15
402	1	2' - 6"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		
403	1	3' - 0"	7' - 0"											
406.1	1	3' - 0"	7' - 0"											
406.2		6' - 0"	6' - 0"	HM	F		HM	2	-			-		
409	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 15
410	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		1, 15
500 NEW SOFTBALL FIELD														
E500	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	105	
E506	1	3' - 0"	7' - 0"											
E506.1		6' - 0"	8' - 0"	HM	F		HM	2	-	/A1.5	2/A0.6	-	-	
E507.1	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	105	
502	1	2' - 8"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-	-	
503	1	2' - 8"	7' - 0"	HM	F	-	HM	1	-	8/A0.6	7/A0.6	-	105	
509	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-			-	-	
510	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-			-	-	
600 FOOTBALL / TRACK & FIELD GRANDSTAND														
E600	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-			-	105	
E601	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-			-	105	
E602.1	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	1/A0.6	2/A0.6	-		
E602.2	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-	1/A0.6	2/A0.6	-		
E602.3		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E602.4		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E602.5		6' - 0"	4' - 8"	MFR	CS	-	MFR	-	-			-		
E602.13		12' - 8"	10' - 8"											
E603	2	5' - 0"	7' - 0"											
E604A	2	3' - 0"	7' - 0"	HM	F	-	HM	1	-					
E604D	1	3' - 0"	7' - 0"											
E604E	1	3' - 0"	7' - 0"											
800 ATHLETIC COMPLEX BUILDING														
801	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-					
803.1	1	3' - 0"	7' - 0"	HM	N	1/4"	HM	1	-					
803.2		10' - 0"	10' - 0"	MFR	OHD	-	MFR	-	-					
803.3	1	3' - 0"	7' - 0"	HM	N	1/4"	HM	1	-					
803.4	2	3' - 0"	7' - 0"	HM	F	-	HM	2	-					
804	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-					
811.1	2	3' - 0"	7' - 0"											
811.2	2	3' - 0"	7' - 0"											

DOOR AND FRAME SCHEDULE REMARKS

1. GALVANIZED DOOR/FRAME.
2. INSULATED DOOR.
3. MAGNETIC HOLD OPEN TIED TO FIRE ALARM SYSTEM.
4. MAGNETIC HOLD OPEN TIED TO SECURITY SYSTEM.
5. PANIC DEVICE.
6. ACCESS CONTROL / CARD READER. REFER TO DOOR HARDWARE SPECS AND ELECTRICAL DWGS. LOCATE ON WALL / FRAME.
   A. LEFT LEAF @ DOUBLE DOOR.
   B. RIGHT LEAF @ DOUBLE DOOR.
7. MANUAL HOLD OPEN DEVICE.
8. MANUAL FLUSH BOLT.
9. SELF-CLOSING.
   A. TIED TO FIRE ALARM.
10. AUTOMATIC DOOR OPERATOR W/ ADA PUSH PAD.
11. ASTRAGAL.
12. REMOVEABLE MULLION.
13. PUSH / PULL ONLY.
14. PROVIDE SOUND SEALS AT DOOR AND FRAME PERIMETER.
15. MFR. STANDARD DETAILS AT DOOR AND FRAME.
16. EXISTING FRAME WITH NEW DOOR AND HARDWARE.
17. EXISTING DOOR AND FRAME. PAINT.
18. MANUAL HOLD OPEN DEVICE.
19. 180 DEGREE DOOR SWING.
20. DOORBELL AND FLASHING LIGHT.
21. FINGER GUARDS ON JAMBS FULL HEIGHT.
22. EXIT ONLY HARDWARE.
23. MANUAL OPERATION W/ NO KEY CYLINDER. REFER TO DOOR HARDWARE SPEC FOR LOCKS.
24. SECURITY GATE

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT JOSEPH MCELFRESH SMITH NO. 29844 COMMONWEALTH OF KENTUCKY 3333-5683-0844

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

DOOR SCHEDULE AND DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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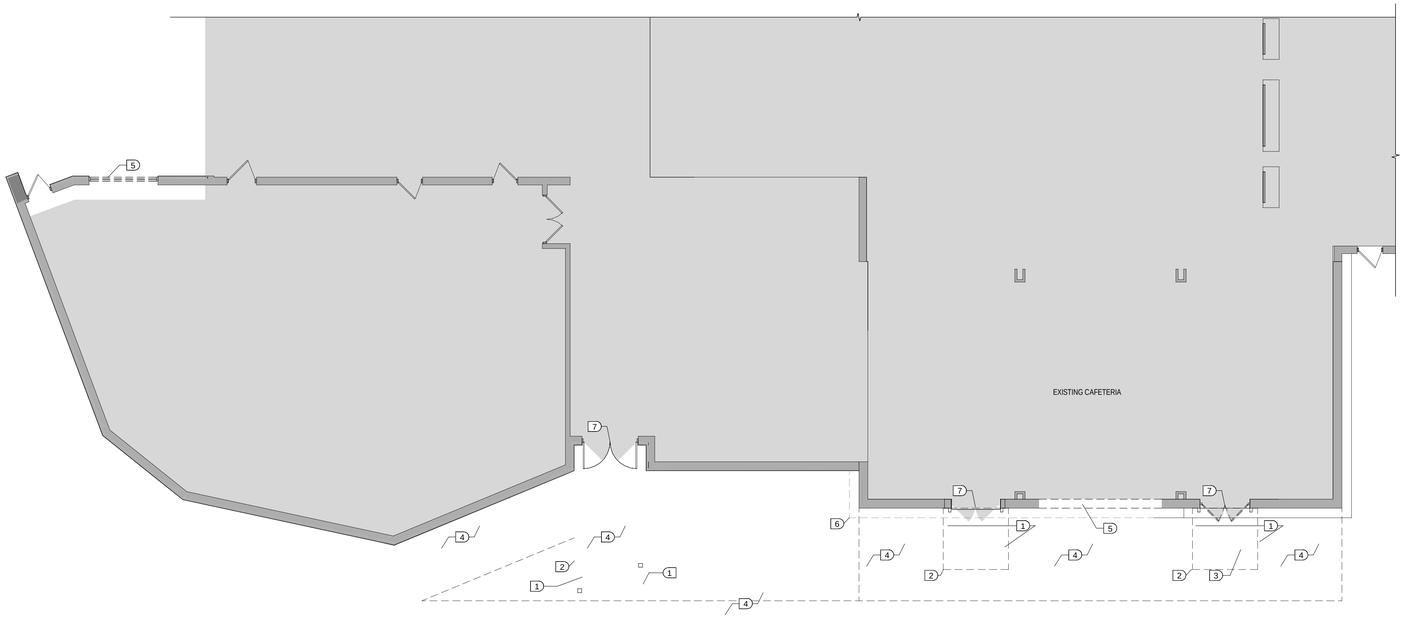
REVISIONS

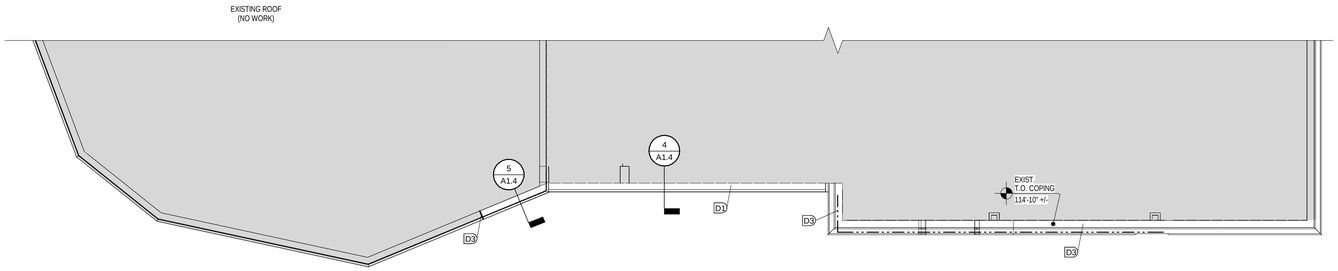
No.	Description	Date
1	Revision 1	Date 1

SHEET

A0.5



1 100 - FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



ROOF DEMOLITION KEYNOTES

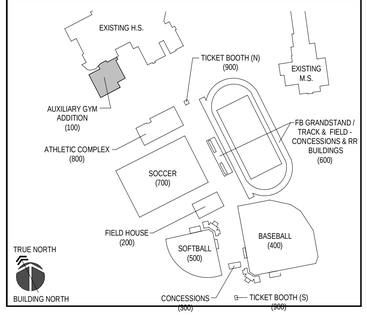
R1. REMOVE COPING AND RELATED COMPONENTS, REFER TO NEW WORK DETAILS.

R2. REMOVE COPING, FASCIA, METAL PANELS AND RELATED COMPONENTS, REFER TO NEW WORK DETAILS.

R3. APPROXIMATE LIMIT OF COPING REMOVAL, COORDINATE WITH NEW CONSTRUCTION.

2 100 - ROOF DEMOLITION PLAN
1/8" = 1'-0"

KEY PLAN



DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
- EXISTING WALL / CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED - FULL HEIGHT U.N.O. SEE SELECTIVE DEMOLITION NOTES
- EXISTING DOOR / DOOR & FRAME TO REMAIN
- EXISTING DOOR / DOOR & FRAME TO BE REMOVED, U.N.O.
- LIMITED TO NO ARCHITECTURAL WORK. EXISTING FINISHES TO REMAIN U.N.O. REFER TO MEP FOR MEP WORK THAT MAY BE REQUIRED.

GENERAL DEMOLITION NOTES

A. ALL EXISTING SUSPENDED CEILINGS TO BE REMOVED, COORDINATE WITH PHASING PLANS AND MEP WORK.

B. DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.

C. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.

D. CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.

E. INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO THIS RENOVATION PROJECT HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY MEADE COUNTY BOARD OF EDUCATION AND FIELD OBSERVATIONS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON DRAWINGS.

F. REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS AT EXISTING CONDITIONS REQUIRING PARTIAL OR COMPLETE REMOVAL AND/OR MODIFICATION TO COMPONENTS OR ASSEMBLIES PERTAINING TO EXISTING BUILDING STRUCTURE.

G. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.

H. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.

I. WHERE AN EXISTING WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.

J. ALL AREAS LEFT EXPOSED AS A RESULT OF DEMOLITION AND/OR EQUIPMENT REMOVAL SHALL BE PATCHED AND REPAIRED TO RESULT IN A FLUSH SMOOTH SURFACE PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. ANY AREAS / OPENINGS IN MASONRY WALLS LARGER THAN 2" EXPOSED TO VIEW SHALL BE PATCHED WITH SOAPED IN CMU UNITS TOOTHED-IN INTO EXISTING MASONRY.

K. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. CONTRACTOR SHALL SOAP IN NEW CMU TO MATCH EXISTING ADJACENT AREAS.

L. REFER TO MECH/ELEC DRAWINGS FOR SPECIFIC NOTES REGARDING REMOVAL OF EXISTING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

M. REFER TO STRUCTURAL DRAWINGS FOR NEW WORK (I.E. NEW FOOTING, ETC.) WHICH MAY REQUIRE DEMOLITION WORK IN ADDITION TO ITEMS NOTED ON THE ARCHITECTURAL DRAWINGS ALL SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR.

N. REFER TO CIVIL/SITE DRAWINGS FOR ADDITIONAL DEMOLITION OF SITE/CIVIL ITEMS NOT SHOWN.

HAZARDOUS MATERIAL NOTES

DUE TO THE AGE OF THE EXISTING BUILDING, IT IS POSSIBLE HAZARDOUS MATERIALS MAY EXIST, INCLUDING, BUT NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

1. THE CONTRACTOR IS HEREBY ADVISED THAT SHERMAN-CARTER-BARNHART, PLLC IS NOT A DESIGN PROFESSIONAL IN THE DETERMINATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS SHERMAN-CARTER-BARNHART, PLLC A DESIGN PROFESSIONAL INVOLVED IN MAKING RECOMMENDATIONS REGARDING THE TESTING, REMOVAL, ENCAPSULATION OR OTHER CORRECTIVE MEASURES PERTAINING TO HAZARDOUS MATERIALS.
2. IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED WITH HAZARDOUS MATERIALS.
3. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS IN THE PROJECT.
4. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS OR OTHER HAZARDOUS MATERIALS RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

DEMOLITION KEY NOTES

1. DEMOLISH EXISTING HANDRAILS & GUARDRAILS IN THEIR ENTIRETY.
2. DEMOLISH EXISTING CANOPY STRUCTURE AND COMPONENTS IN THEIR ENTIRETY.
3. REMOVE EXISTING STOOP & STEPS, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
4. REMOVE EXISTING CONCRETE SIDEWALK, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
5. REMOVE EXISTING ALUMINUM STOREFRONT WINDOW AND/OR DOOR SYSTEM AND COMPONENTS IN ITS ENTIRETY.
6. REMOVE A PORTION OF EXISTING EIFS SOFFIT @ EXTERIOR OF EXISTING CAFETERIA.
7. REMOVE EXISTING SOUND PANELS TO ALLOW FOR NEW OVERHEAD DOOR & COMPONENTS.
8. REMOVE EXISTING FLOOR FINISH, PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH MATERIALS.
9. REMOVE PORTION OF EXISTING FLOOR SLAB & SUBGRADE AS REQUIRED FOR NEW FOUNDATION(S), REFER TO STRUCTURAL DWGS.
10. REMOVE EXISTING ATHLETIC FLOORING SYSTEM, PREPARE FLOOR TO RECEIVE NEW SYNTHETIC TURF SYSTEM.
11. REMOVE PORTION OF EXISTING MASONRY WALL TO CREATE OPENING FOR NEW DOOR & FRAME.
12. EXISTING STEEL COLUMN TO REMAIN.
13. CAREFULLY REMOVE EXISTING DOUBLE TIER LOCKERS AND TURN OVER TO OWNER.
14. REMOVE EXISTING CONCRETE LOCKER BASE.
15. REMOVE EXISTING GYMNASIUM EQUIPMENT AND COMPONENTS IN THEIR ENTIRETY. INCLUDING BUT NOT LIMITED TO THE BASKETBALL GOALS, WALL PADS, AND SUSPENDED BATTING CAGES.
16. REMOVE EXISTING DIVIDER CURTAIN AND COMPONENTS IN THEIR ENTIRETY, TURN OVER TO OWNER.
17. REMOVE EXISTING FIRE EXTINGUISHER TO ALLOW FOR NEW DOOR OPG., REINSTALL FIRE EXTINGUISHER WITHIN SAME ROOM.
18. EXISTING FIRE ALARM STROBE TO REMAIN.
19. REMOVE EXISTING BUILDING AND COMPONENTS IN THEIR ENTIRETY, REFER TO SITE AND MEP DEMOLITION DRAWINGS FOR UTILITIES DEMOLITION INFORMATION.
20. CAREFULLY REMOVE EXISTING PRESS BOX IN ITS ENTIRETY, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
21. REMOVE EXISTING ACCESS STAIRS, HANDRAILS, AND GUARDRAILS, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
22. CAREFULLY REMOVE EXISTING CHAIR-BACK SEATING, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
23. CONCRETE SUPERSTRUCTURE AND PLANKS TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
24. REMOVE EXISTING CHAIN LINK FENCING AND POST(S).
25. REMOVE EXISTING HOLLOW METAL DOOR(S) AND FRAME IN THEIR ENTIRETY, PROTECT EXISTING MASONRY WALL CONSTRUCTION.
26. EXISTING CMU WALL TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
27. CAREFULLY REMOVE EXISTING BRONZE DEDICATION PLAQUE AND TURN OVER TO OWNER.
28. EXISTING CONCRETE FLATWORK TO REMAIN.
29. EXISTING INTERMEDIATE POURED-IN-PLACE CONCRETE STEP(S) TO REMAIN
30. REMOVE EXISTING ALUMINUM BLEACHER SEATS AND COMPONENTS IN THEIR ENTIRETY.
31. REMOVE EXISTING CMU WALL IN ITS ENTIRETY.

SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY REGISTERED ARCHITECT
MICHAEL FRESH SMITH
NO. 32324
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION DEMOLITION PLANS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH, JCG
CHECKED	RJV , ASC

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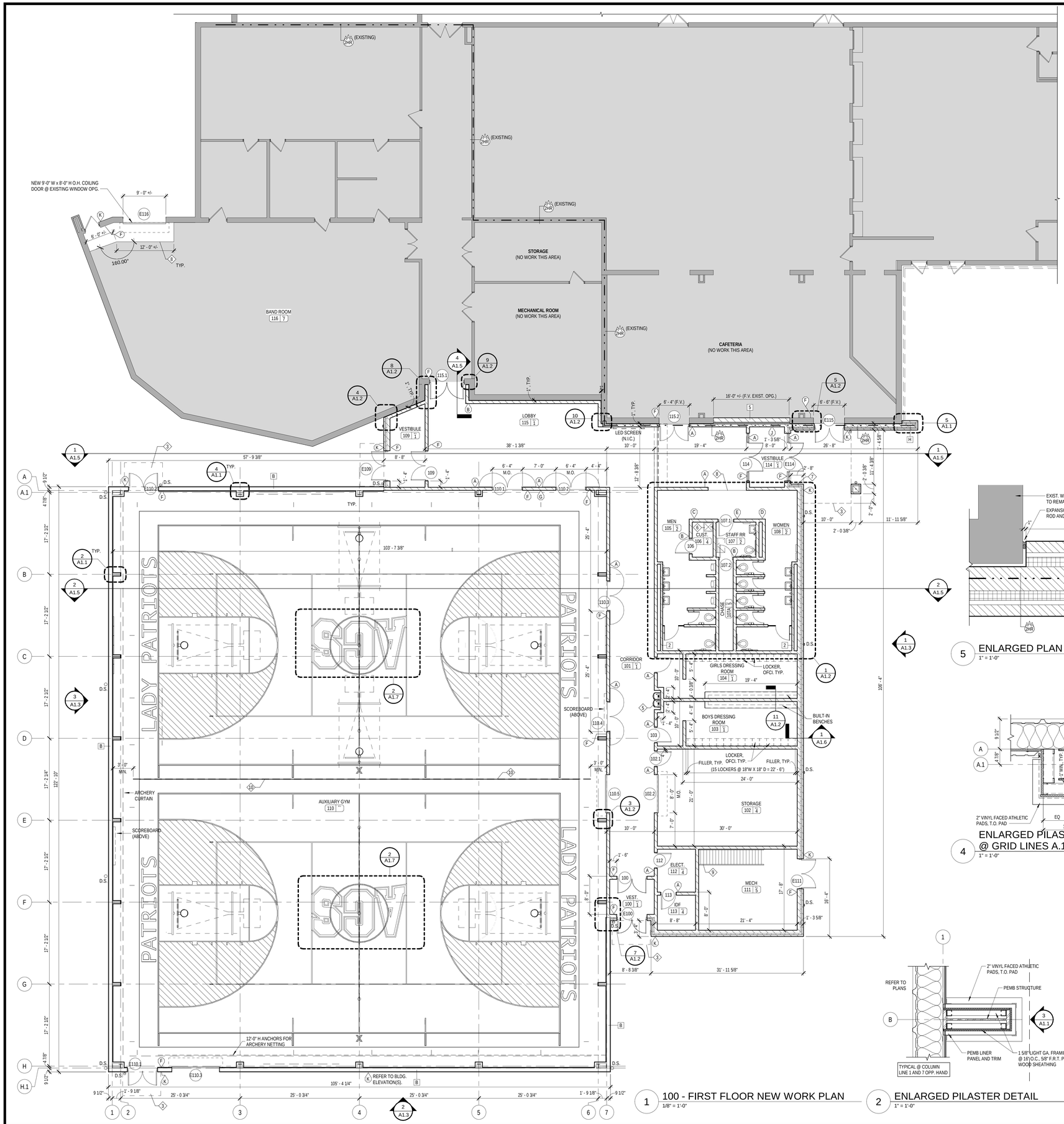
REVISIONS

No.	Description	Date

SHEET

A1.0



1 100 - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"

2 ENLARGED PILASTER DETAIL
1" = 1'-0"

3 PILASTER ELEVATION
1" = 1'-0"

5 ENLARGED PLAN DETAIL
1" = 1'-0"

4 ENLARGED PILASTER DETAIL @ GRID LINES A.1 & H
1" = 1'-0"

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    - A. 12'-0" WIDE
    - B. 6'-0" WIDE
    - C. 6'-0" WIDE
    - D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    - A. 24"W X 22"
    - B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX | X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- A — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  - FW2 2 HOUR RATED FIRE WALL
  - EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

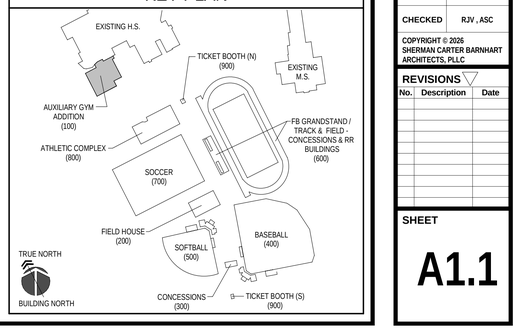
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECT — NO. 32324 — R.J. WELFRESH — 333 SEVENTH AVENUE — 2ND FLOOR — CAMPBELL, KENTUCKY 41076 — (859) 581-6644 — A.S. SMITH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLANS

JOB NO.	2459
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DRAWN	CAH, JCG
CHECKED	RJV , ASC

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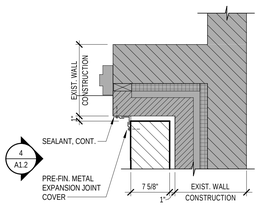
REVISIONS

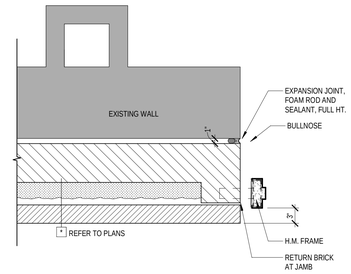
No.	Description	Date

SHEET

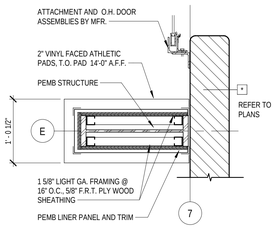
A1.1



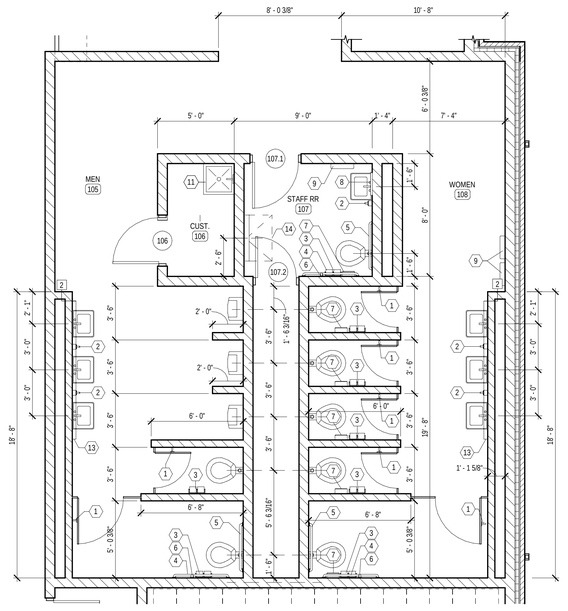
9 100 - PLAN DETAIL
1" = 1'-0"



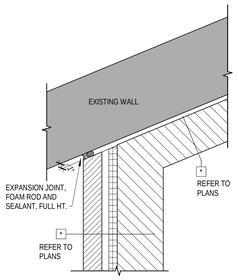
5 100 - PLAN DETAIL
1" = 1'-0"



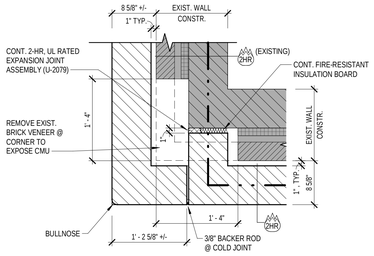
3 100 -PLAN DETAIL
1" = 1'-0"



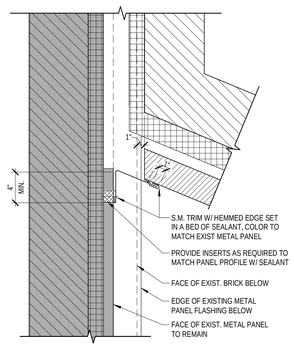
1 100 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



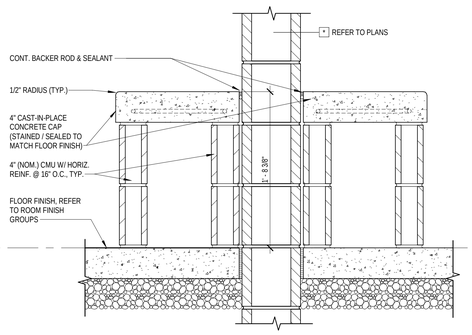
4 100 - PLAN DETAIL
1" = 1'-0"



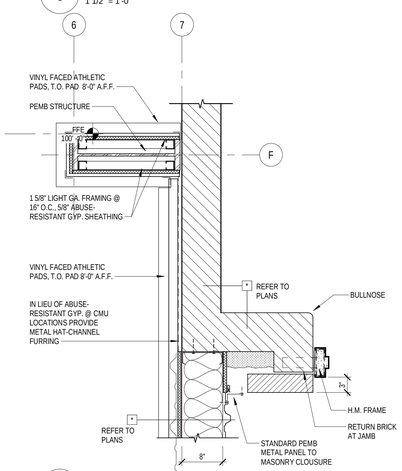
10 PLAN DETAIL
1" = 1'-0"



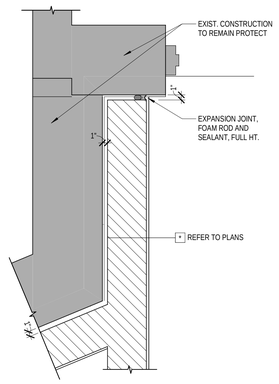
6 100 - PLAN DETAIL
1 1/2" = 1'-0"



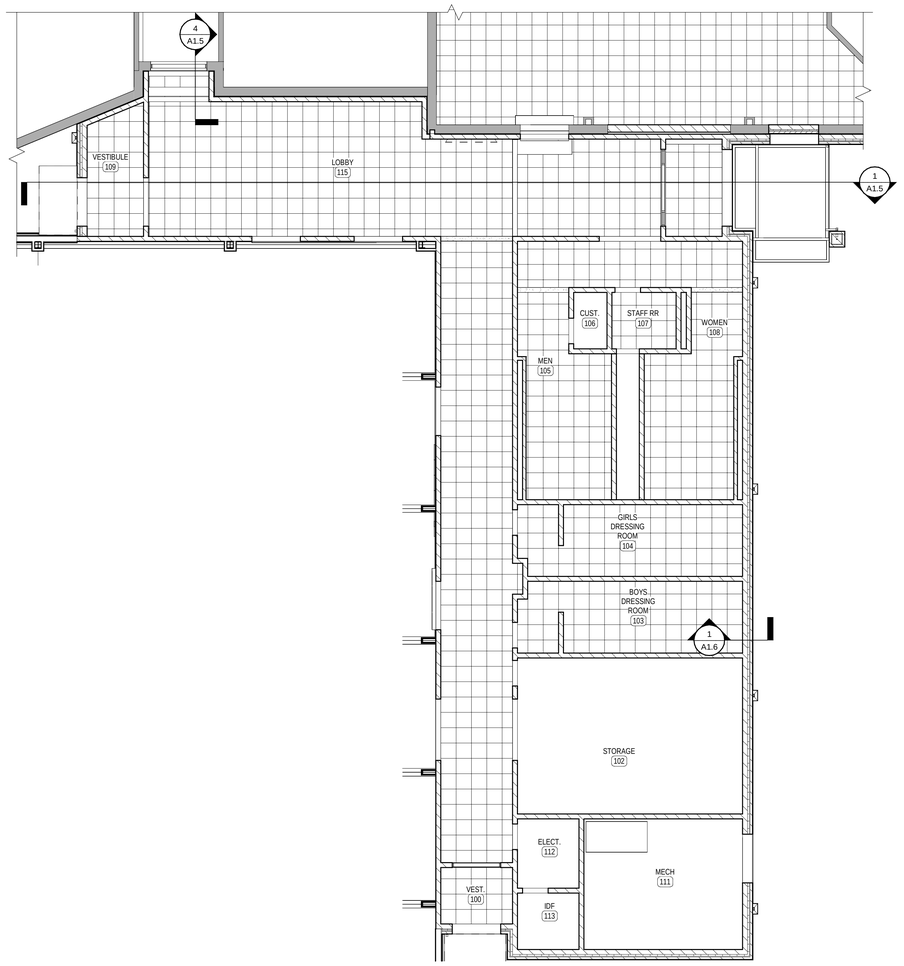
11 100 - AUX GYM - BUILT IN BENCH SEATING
1 1/2" = 1'-0"



7 100 - PLAN DETAIL
1" = 1'-0"



8 100 - PLAN DETAIL
1" = 1'-0"



2 100 - REFLECTED CEILING PLAN
1/8" = 1'-0"

TOILET ACCESSORY SCHEDULE

	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 ⌂ = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

X' - X" CEILING HEIGHT, A.F.F.
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.

LINEAR METAL CEILING.

EXISTING BUILDING TO REMAIN.

PAINTED, 5/8" EXTERIOR GRADE PLYWOOD

NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

SHERMAN CARTER BARNHART ARCHITECTS
McELFRESH SMITH ARCHITECTS
2333 Regency Road, Suite 200, Lexington, KY 40503
859.269.9944

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION ENLARGED RESTROOM PLAN & DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH, JCG
CHECKED	RJV , ASC

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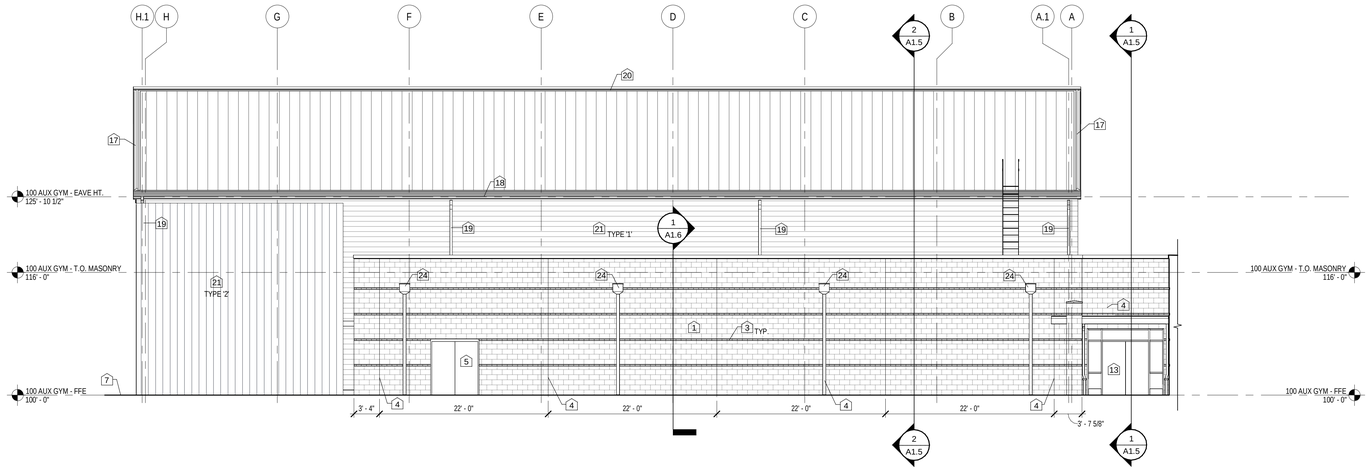
REVISIONS

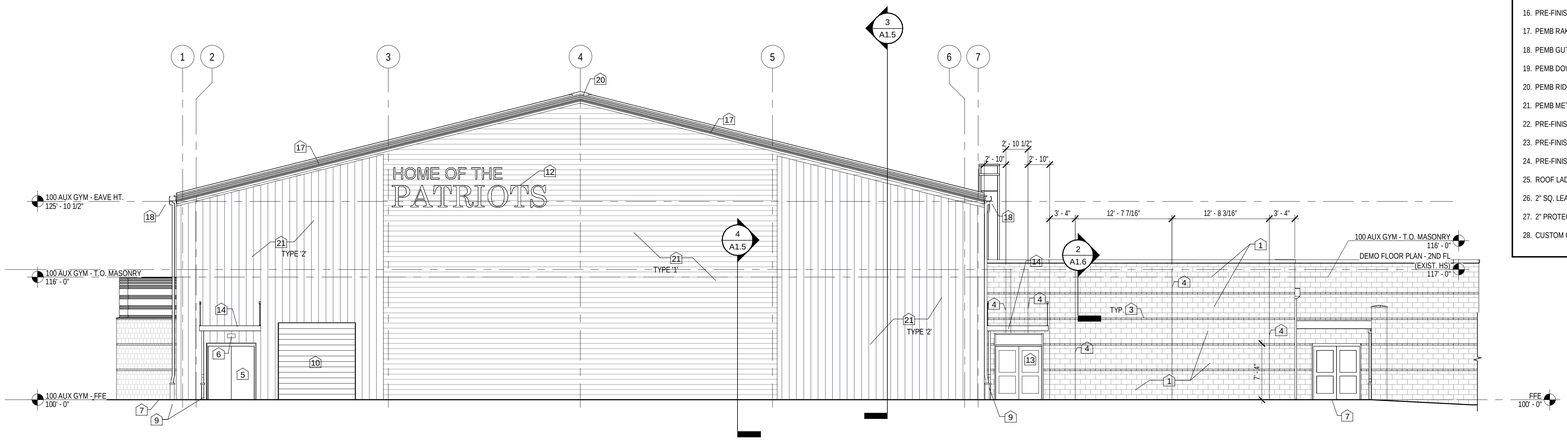
No.	Description	Date

SHEET

A1.2



1 100 - BUILDING ELEVATION - EAST
1/8" = 1'-0"



2 100 - BUILDING ELEVATION - SOUTH
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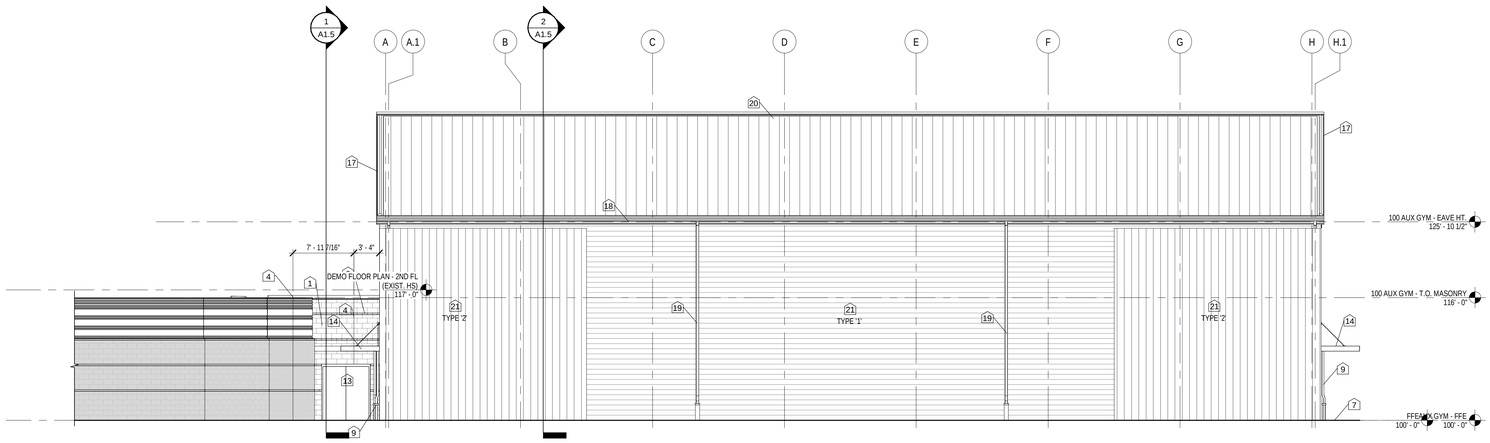

3 100 - BUILDING ELEVATION - WEST
1/8" = 1'-0"

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT
NOEL FRESH SMITH
NO. 9884
333 - 5681
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION
BUILDING ELEVATIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH, JCG
CHECKED	RJV , ASC

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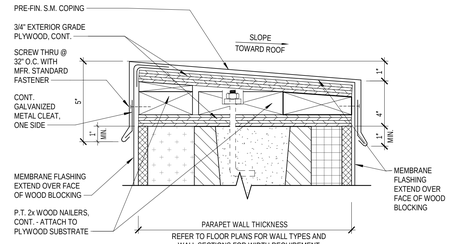
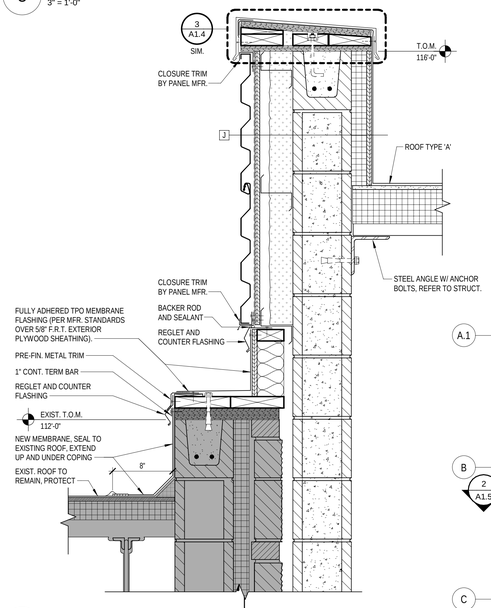
SHEET

A1.3

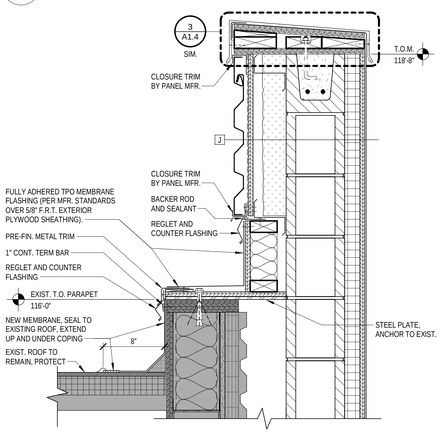


NOTE:
1.) PROVIDE 5/8"Ø J-BOLTS AT 48" O.C. (STAGGERED) AT MASONRY LOCATIONS
2.) PROVIDE PLYWOOD SUBSTRATE TO COVER FULL WIDTH OF PARAPET THICKNESS.
3.) USE OF MASONRY TAPCON TYPE FASTENERS ARE NOT PERMITTED.

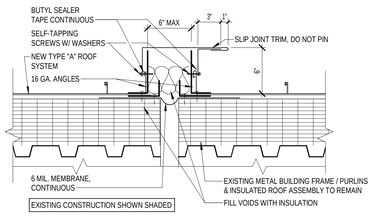
3 COPING DETAIL - AUX GYM
3" = 1'-0"



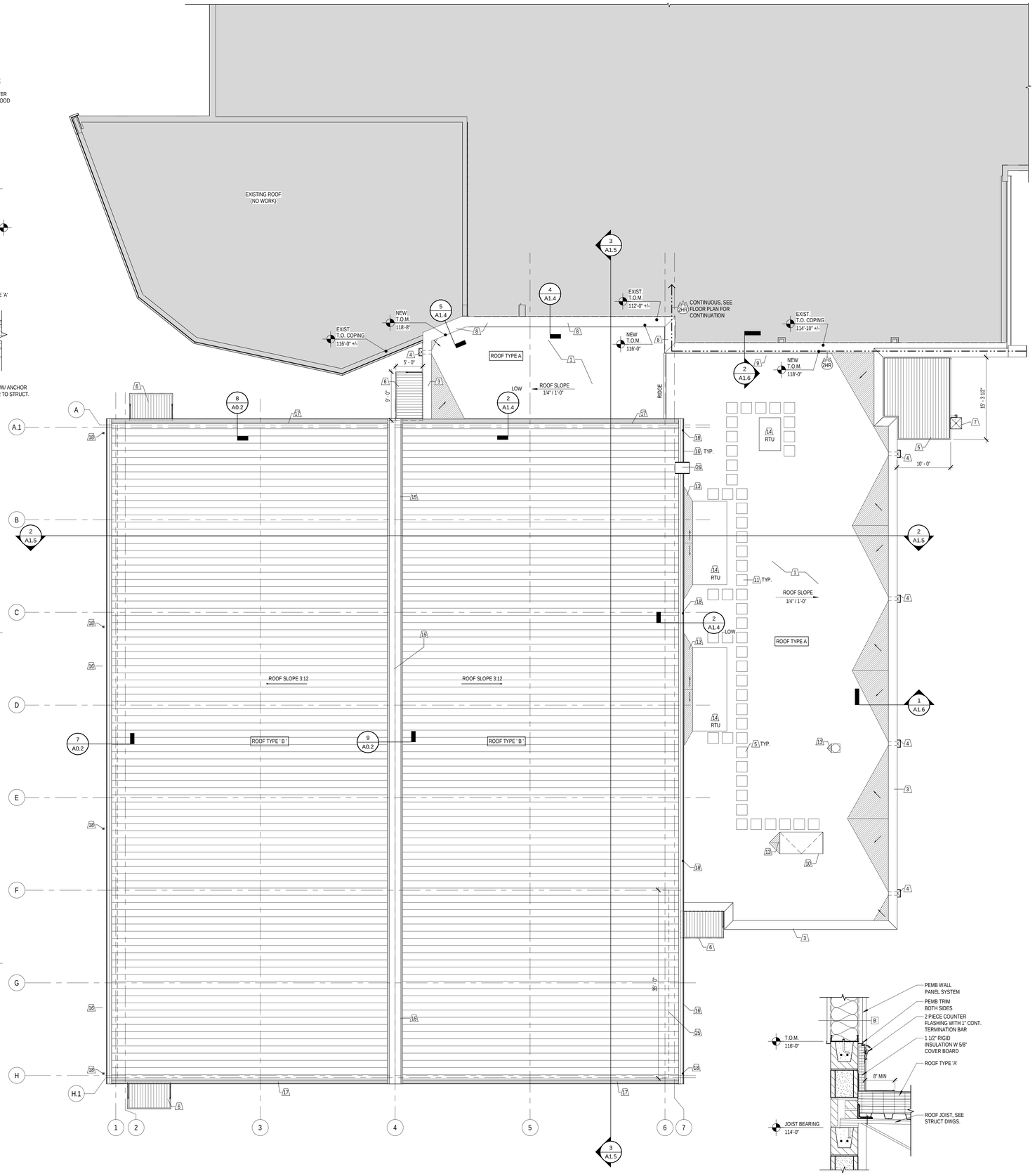
4 ROOF DETAIL
1 1/2" = 1'-0"



5 ROOF DETAIL
1 1/2" = 1'-0"



6 ROOF EXPANSION JOINT DETAIL
1 1/2" = 1'-0"



1 100 - ROOF PLAN
1/8" = 1'-0"

2 ROOF TO WALL TRANSITION DETAIL
1" = 1'-0"

GENERAL ROOF NOTES

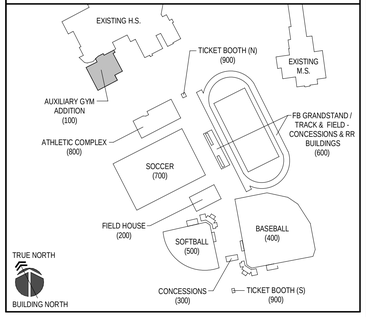
1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

X

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9 / A0.2..
16. PEMB GUTTER ASSEMBLY REFER TO 7 / A0.2..
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8 / A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECTS
REGISTERED ARCHITECTS
NO. 5693
R. SCOTT SMITH
MCELFRESH
CAMPBELL
WORTH
M. SMITH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION ROOF PLAN & DETAILS

JOB NO.	2459
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SHEET

A1.4

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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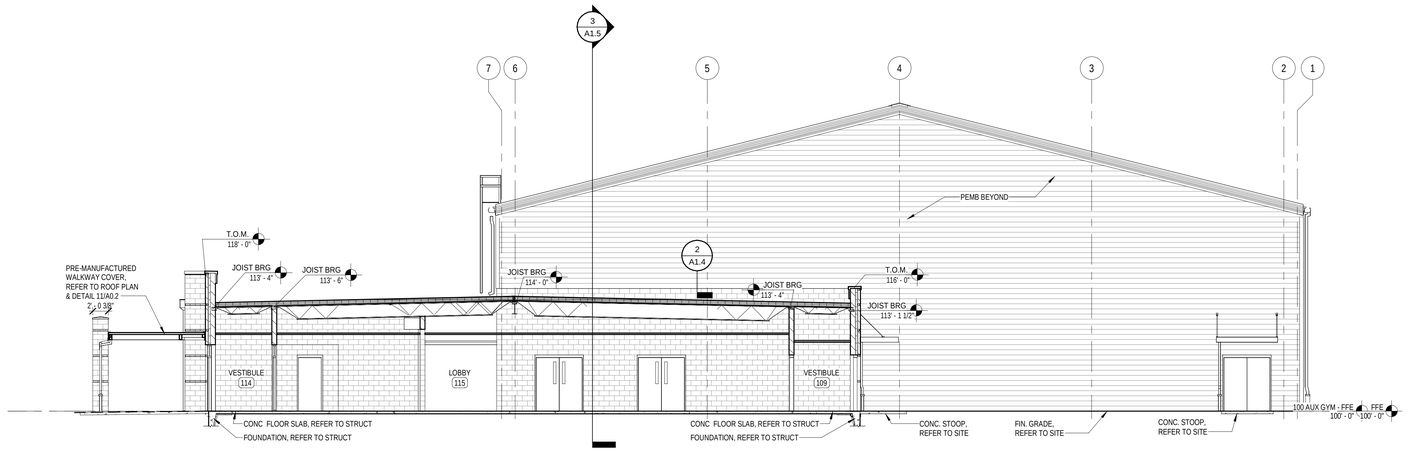
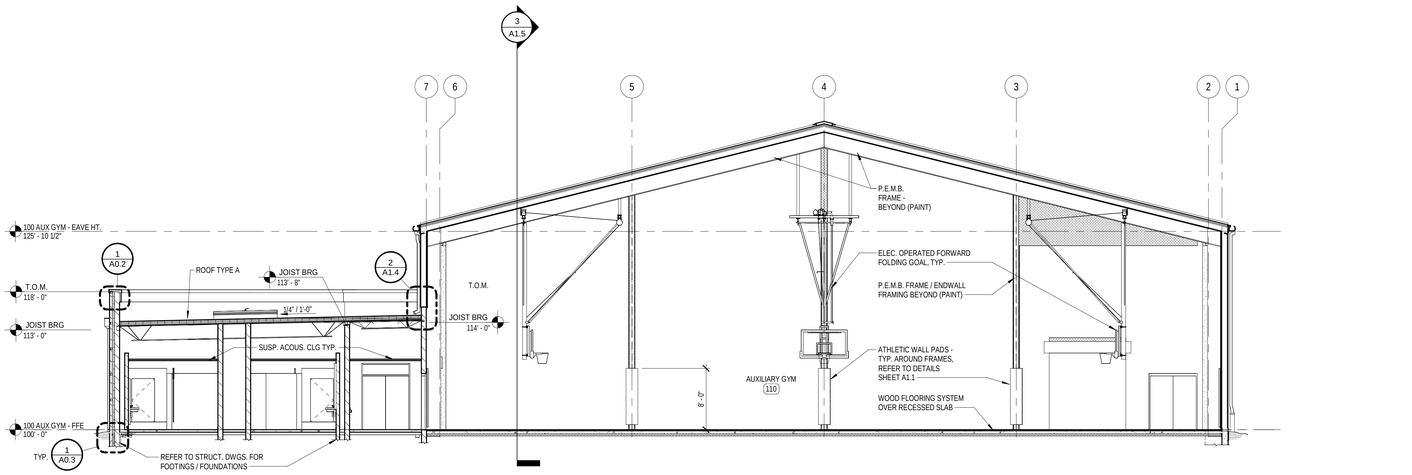
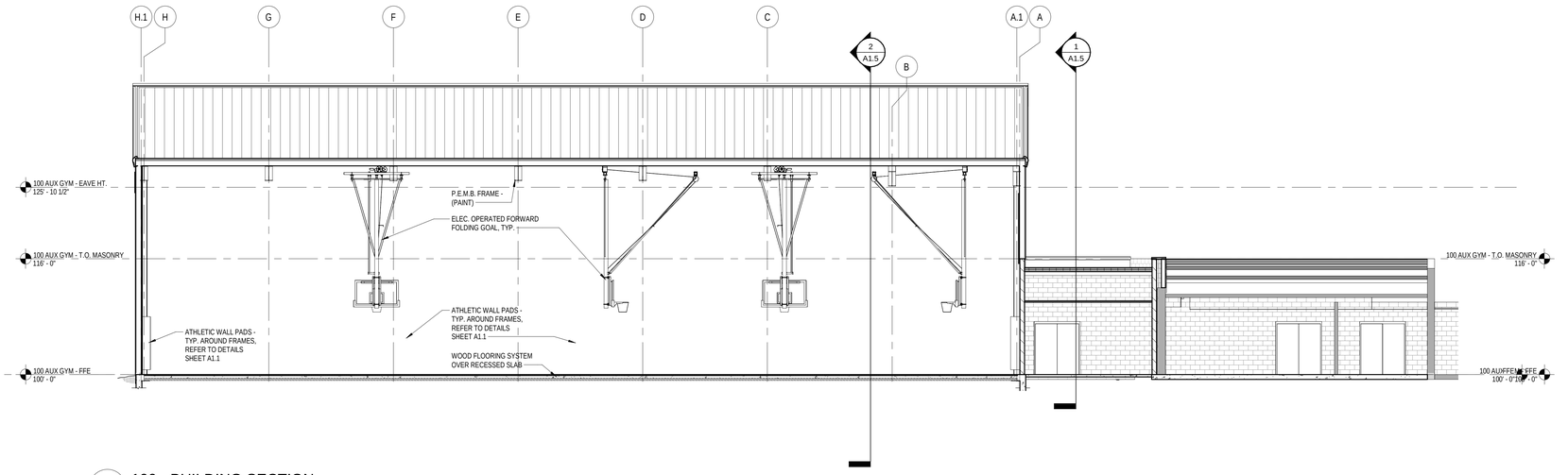


1 100 - BUILDING SECTION
1/8" = 1'-0"



2 100 - BUILDING SECTION
1/8" = 1'-0"

4 100 - WALL SECTION
3/4" = 1'-0"



3 100 - BUILDING SECTION
1/8" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

KELLY J. SMITH
REGISTERED ARCHITECT
NO. 9844
3333 - 5693 - 0844
COMMONWEALTH OF KENTUCKY
NCEL FRESH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION BUILDING SECTIONS

JOB NO.	2459
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SHEET

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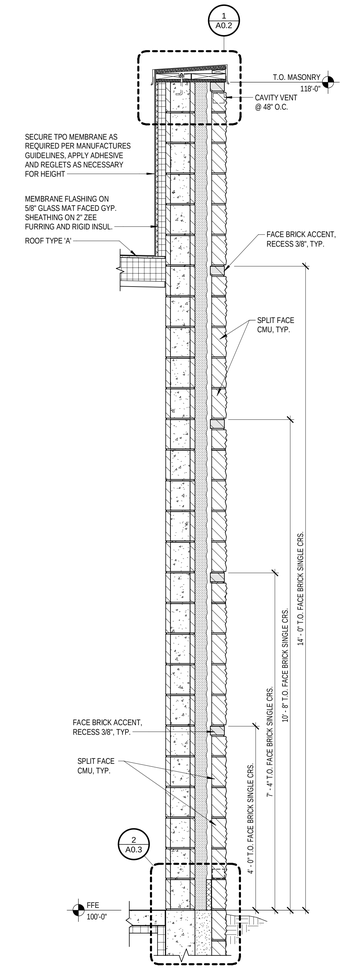
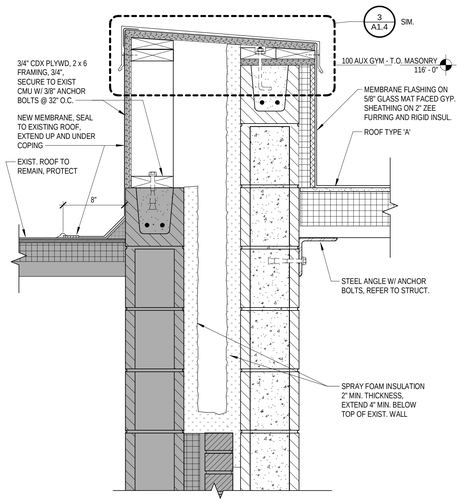


1 WALL SECTION

3/4" = 1'-0"



2 ROOF DETAIL

1 1/2" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT - KENTUCKY - R. J. V. WELFRESH - NO. 9844 - 3333 - 5687 - COMMONWEALTH OF KENTUCKY - A. S. M. SMITH - REGISTERED ARCHITECT

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION DETAILS

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SHEET

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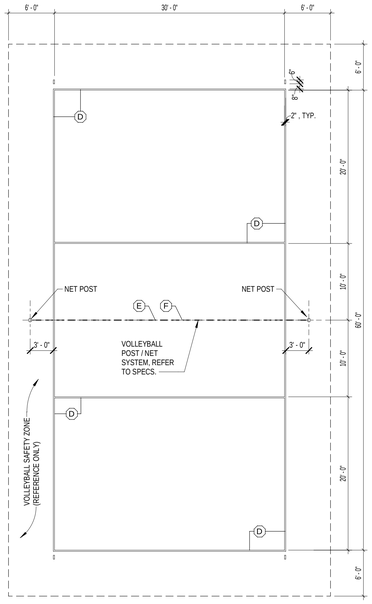
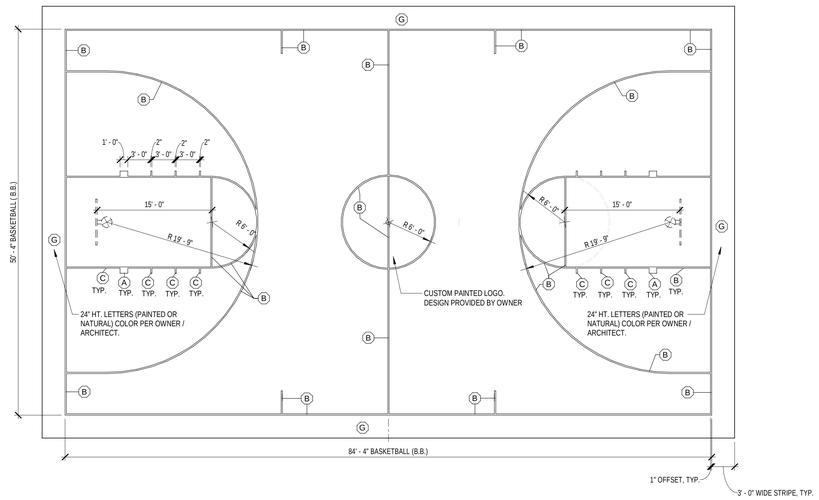
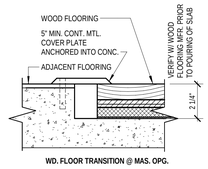


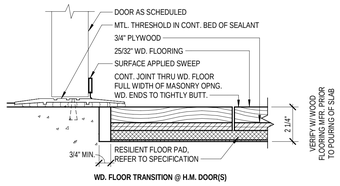
4 VOLLEYBALL COURT LAYOUT
1/8" = 1'-0"



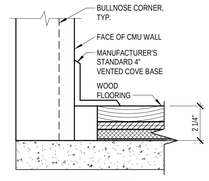
3 BASKETBALL COURT LAYOUT
1/8" = 1'-0"



WD. FLOOR TRANSITION @ MAS. OPG.



WD. FLOOR TRANSITION @ H.M. DOOR(S)



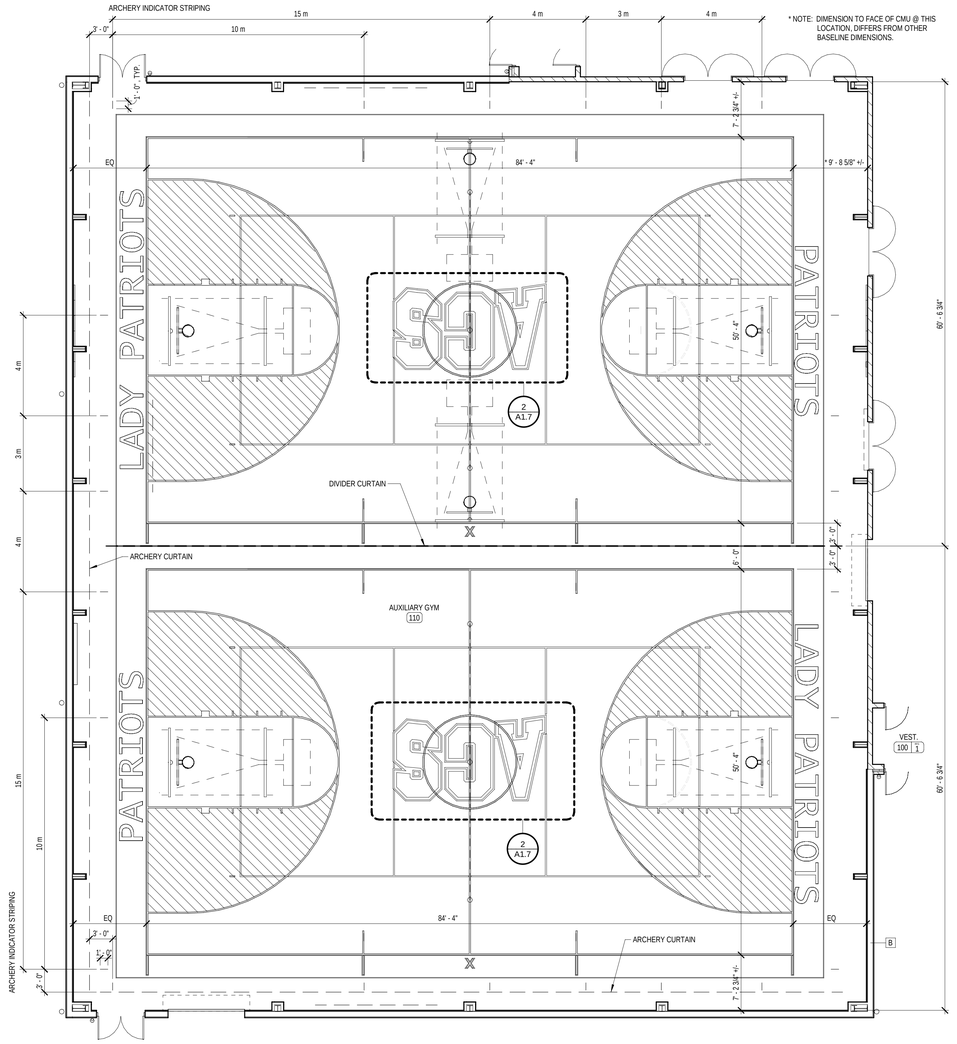
TYPICAL WD. FLOOR TO WALL

5 TYP. FLOOR TRANSITION DETAILS
3" = 1'-0"

FLOOR STRIPING LEGEND

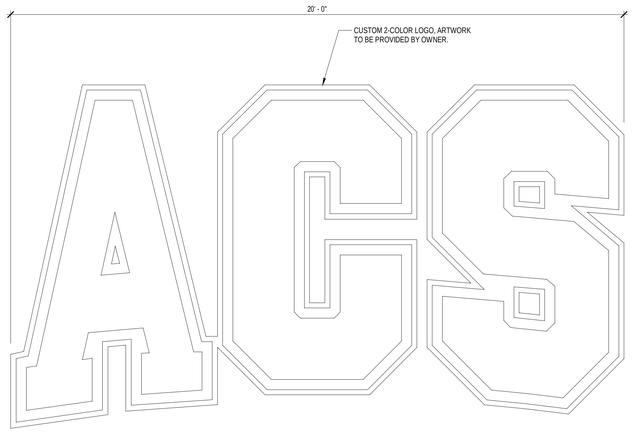
- (A) **(BB)** 12" WIDE x 8" LONG BOX
- (B) **(BB)** 2" WIDE STRIPE
- (C) **(BB)** 2" WIDE X 8" LONG STRIPE
- (D) HARDWOOD FLOOR. REFER TO SPECS.
- (E) 1" WIDE STRIPE
- (F) **(VB)** VOLLEYBALL NET.
- (G) 3' - 0" WIDE STRIPE ALONG SIDELINE(S), 4' - 0" WIDE STRIPE @ ENDZONE(S), COLOR PER OWNER / ARCHITECT.

1. AT LOCATIONS WHERE LINES INTERSECT, BASKETBALL COURT LINES TAKE PRESENCE, FOLLOWED BY VOLLEYBALL COURT LINES.
2. ALL GYM FLOOR STRIPING SHALL BE IN ACCORDANCE WITH KHSAA GUIDELINES.
3. FINAL GYM STRIPING COLORS TO BE SELECTED AND CONFIRMED BY OWNER AND ARCHITECT



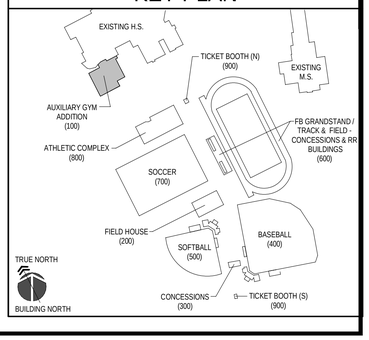
1 100 - STRIPING, LOGO(S) & LETTERING PLAN
1/8" = 1'-0"

6 EXISTING GYM FLOOR (FOR REFERENCE ONLY)
3" = 1'-0"



2 ACS EXISTING LOGO
1/2" = 1'-0"

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

MCELFRESH SMITH KEITH SCHOOL ARCHITECTS
NO. 6844
2333 - 56th STREET
CALUMET CENTER
(270) 926-5011

LOCKER, OFCI, TYP.

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR FINISHES & STRIPING PLAN

JOB NO.	2459
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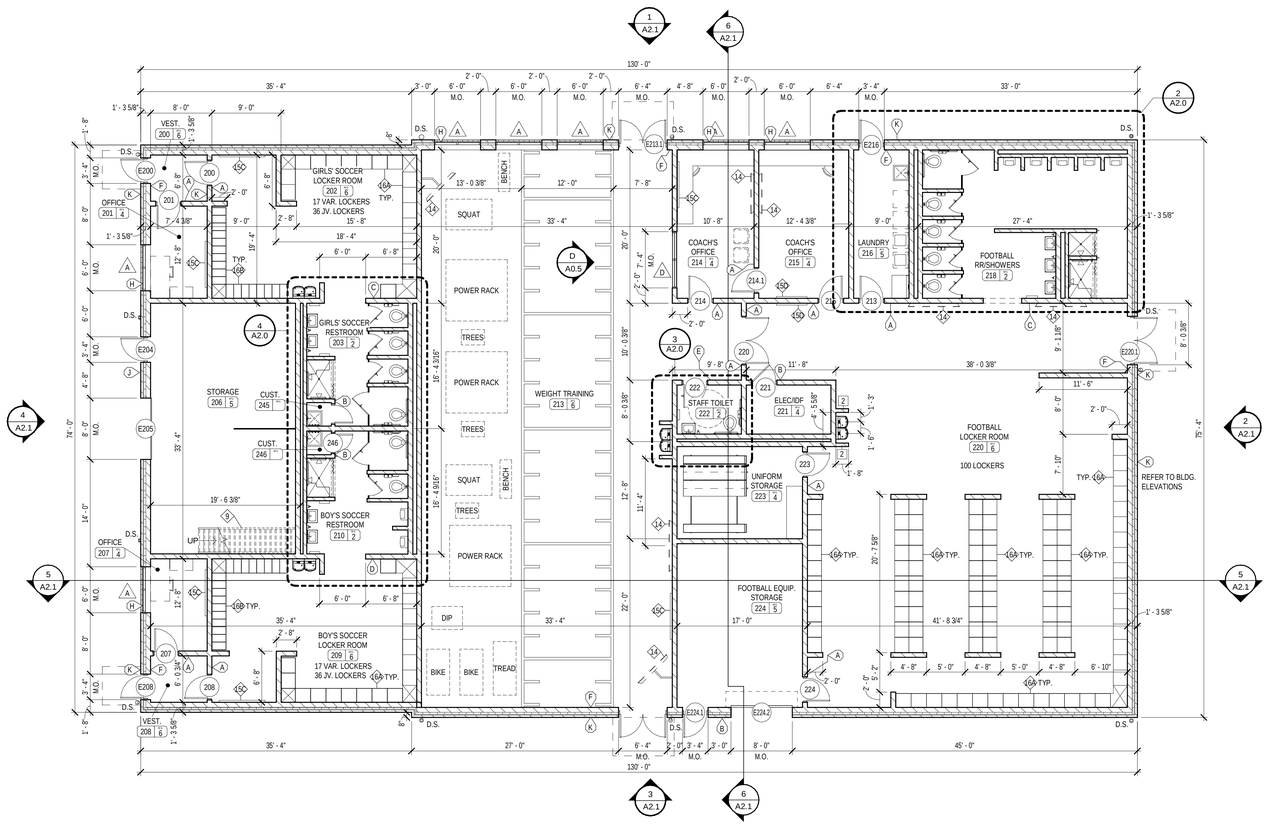
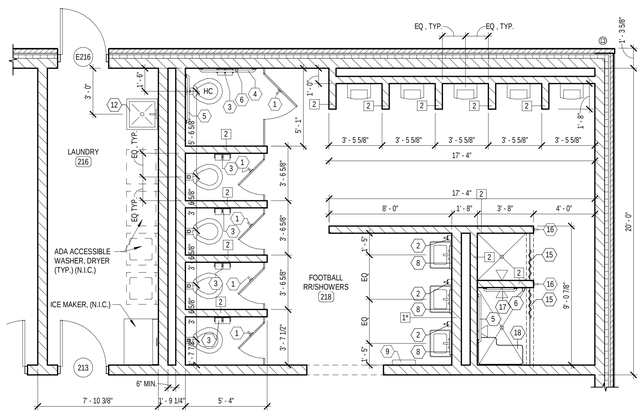
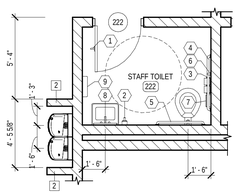


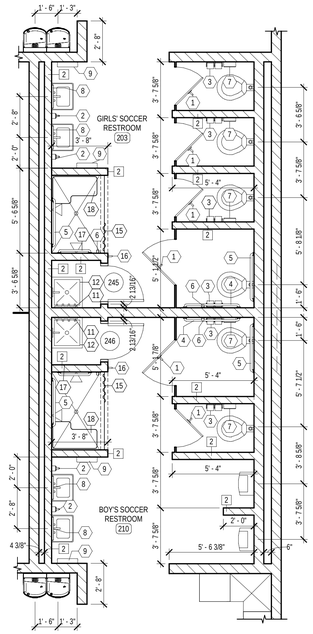
1 200 - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



2 200 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



3 200 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



4 200 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"

TOILET ACCESSORY SCHEDULE

	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22". DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS)
- ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- ◇X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

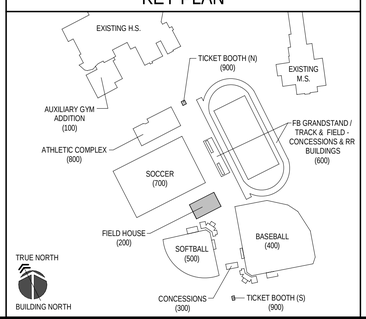
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KEITH A. SMITH
LICENSED ARCHITECT
COMMONWEALTH OF KENTUCKY
NO. 32324

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE NEW WORK PLANS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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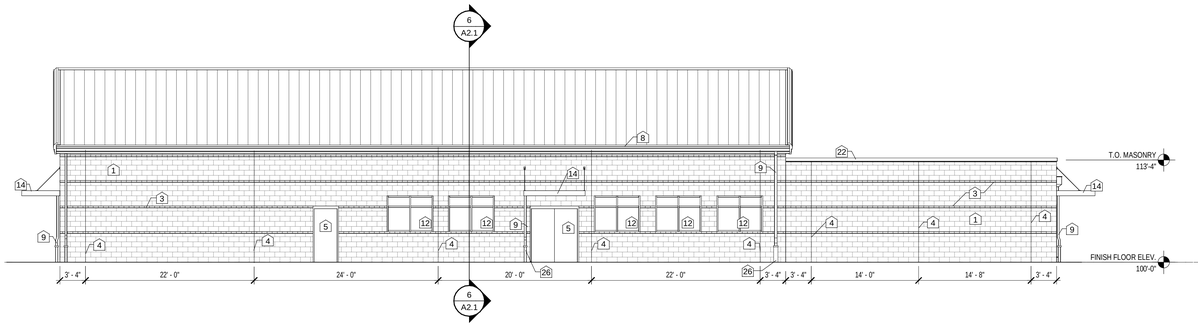
REVISIONS

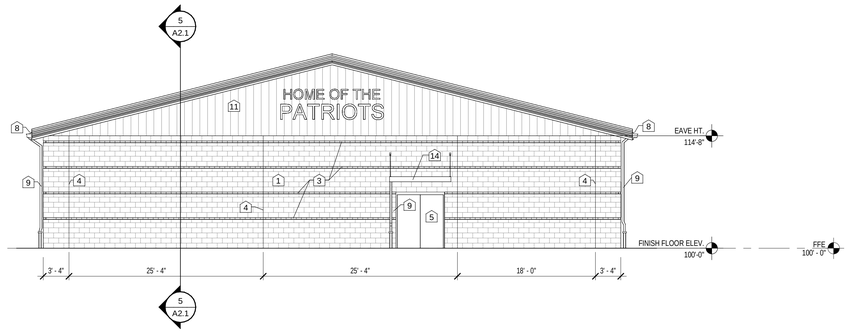
No.	Description	Date

SHEET

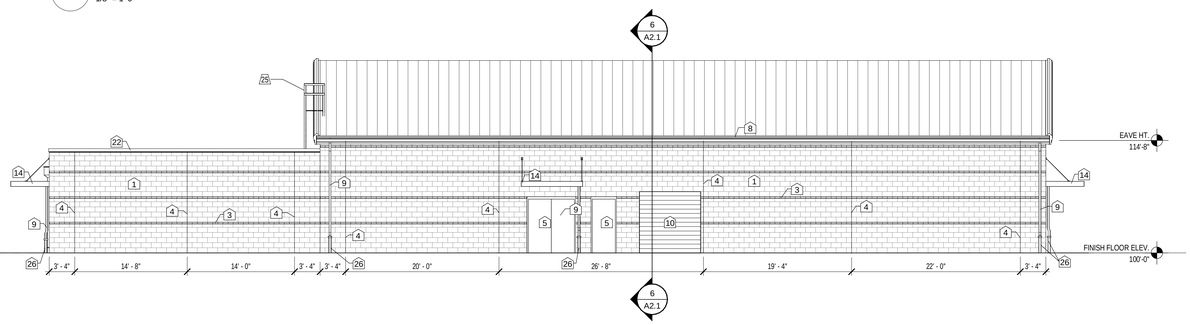
A2.0



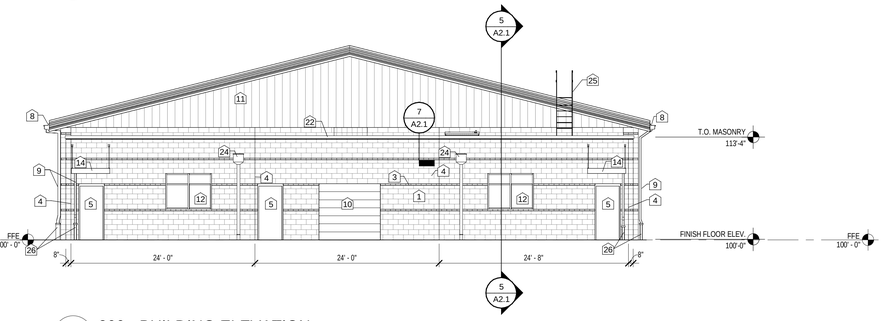
1 200 - BUILDING ELEVATION
1/8" = 1'-0"



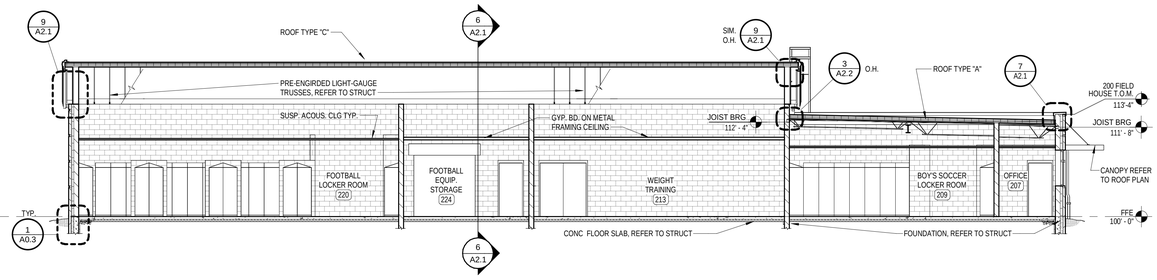
2 200 - BUILDING ELEVATION
1/8" = 1'-0"



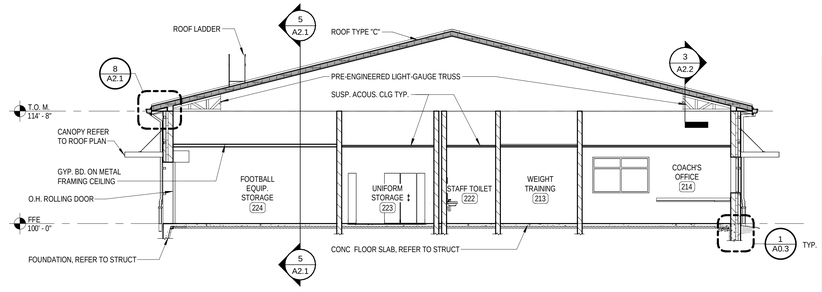
3 200 - BUILDING ELEVATION
1/8" = 1'-0"



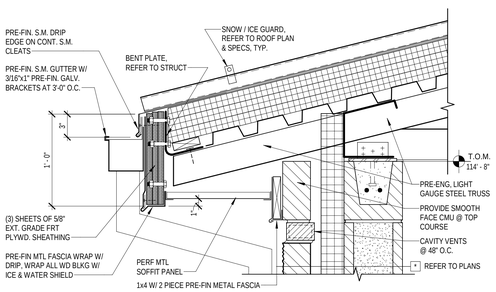
4 200 - BUILDING ELEVATION
1/8" = 1'-0"



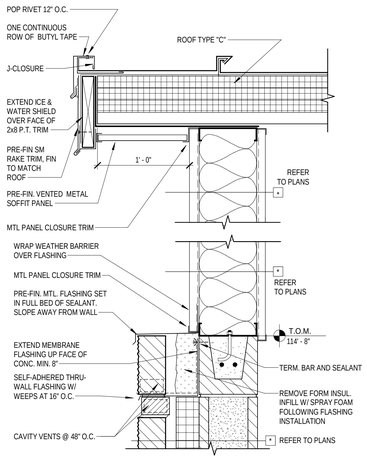
5 200 - BUILDING SECTION
1/8" = 1'-0"



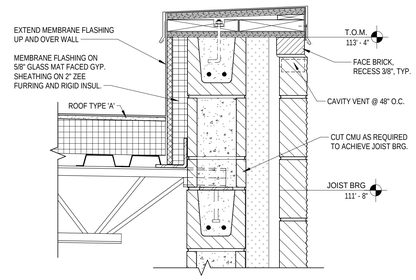
6 200 - BUILDING SECTION
1/8" = 1'-0"



8 DETAIL
1 1/2" = 1'-0"



9 SECTION DETAIL
1 1/2" = 1'-0"



7 DETAIL
1 1/2" = 1'-0"

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS, STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT
RICHARD J. SMITH
NO. 32324
COMMONWEALTH OF KENTUCKY
MCELFRESH ASSOCIATES

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE BUILDING ELEVATIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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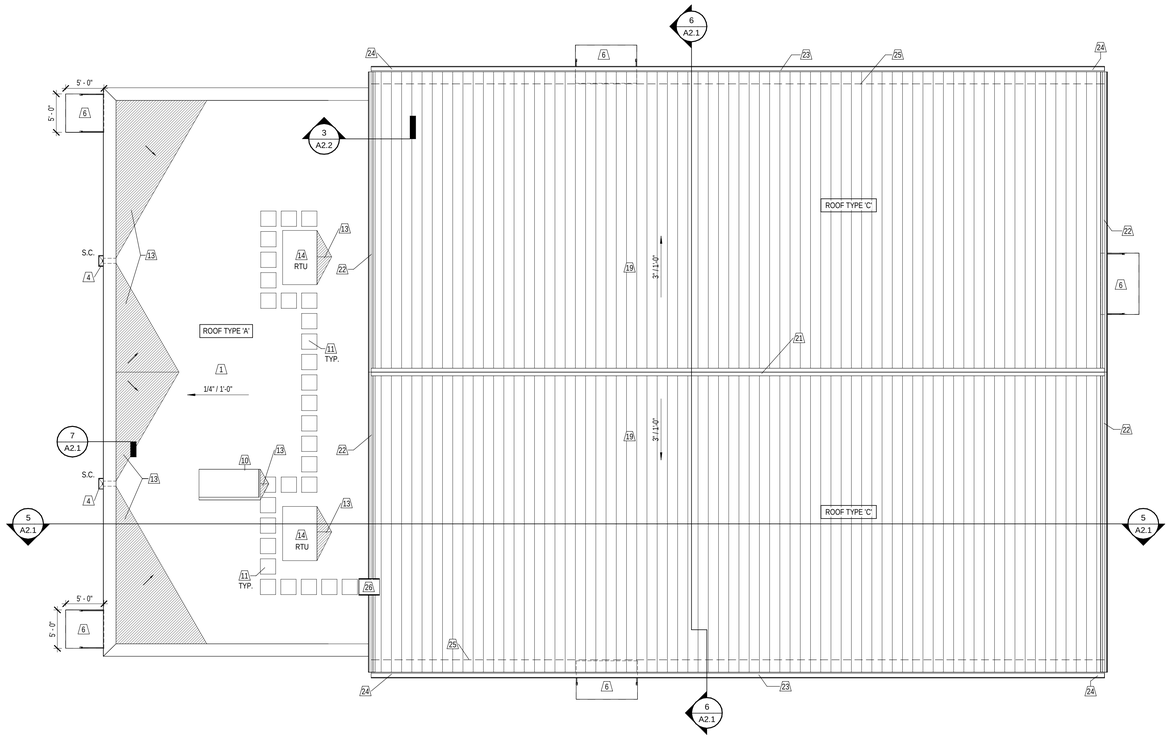
REVISIONS

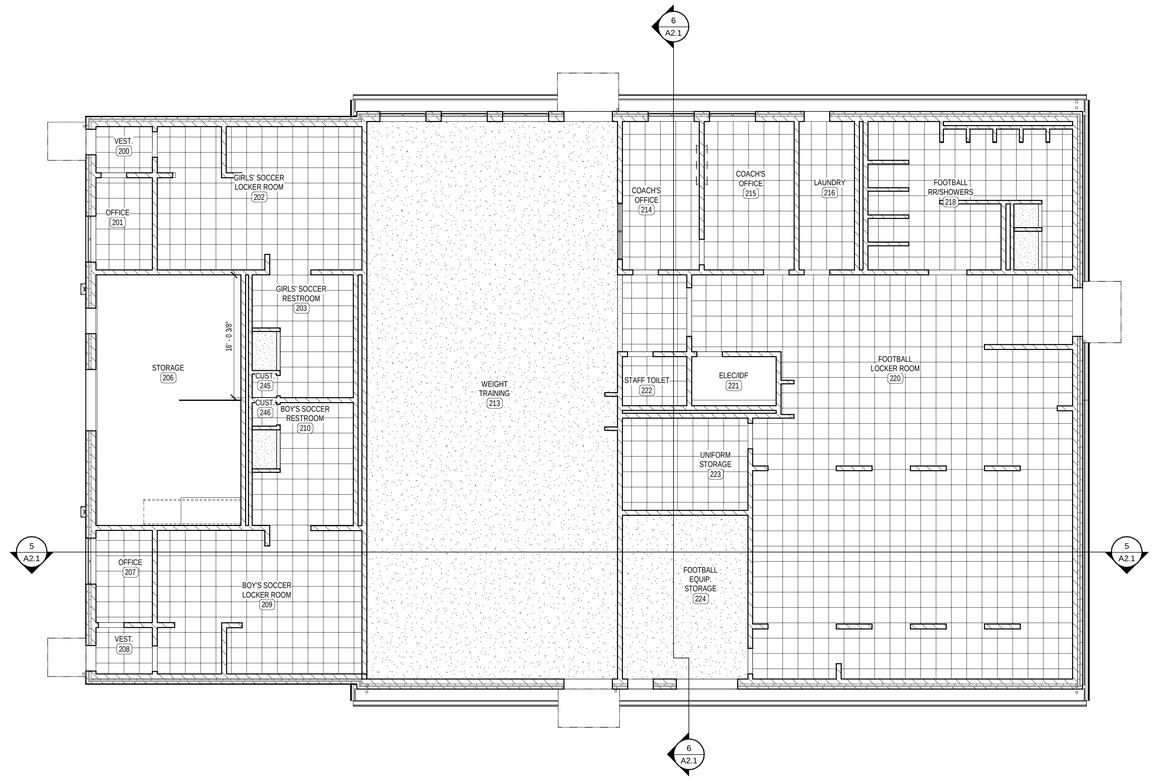
No.	Description	Date

SHEET

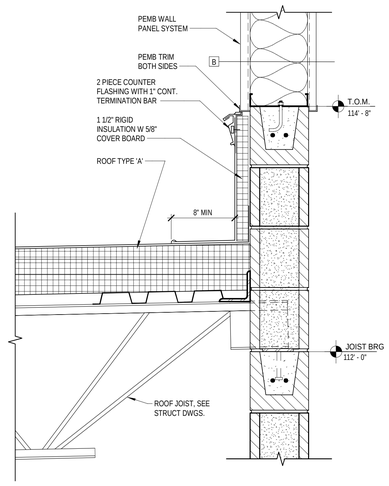
A2.1



1 200 - ROOF PLAN
1/8" = 1'-0"



2 200 - REFLECTED CEILING PLAN
1/8" = 1'-0"



3 ROOF TRANSITION DETAIL FIELD HOUSE
1 1/2" = 1'-0"

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 ⌒ = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

X' - X" CEILING HEIGHT, A.F.F.
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.

LINEAR METAL CEILING.

EXISTING BUILDING TO REMAIN.

PAINTED, 5/8" EXTERIOR GRADE PLYWOOD

NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

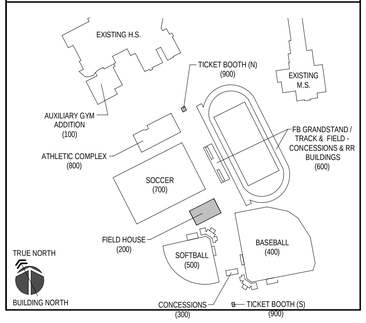
GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT
NICOLE FRESH SMITH
NO. 33259
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE ROOF PLAN & REFLECTED CEILING PLANS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

A2.2

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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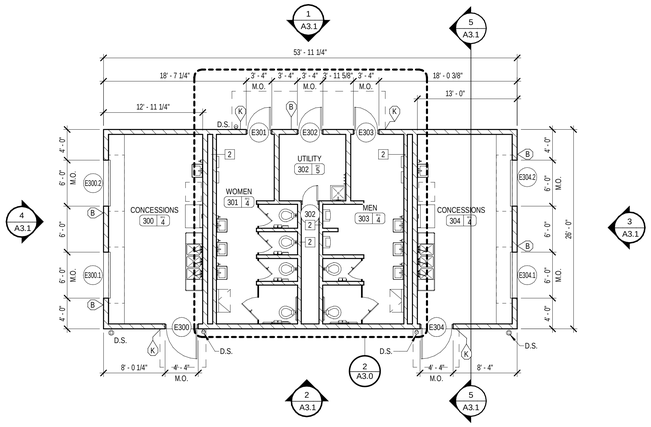
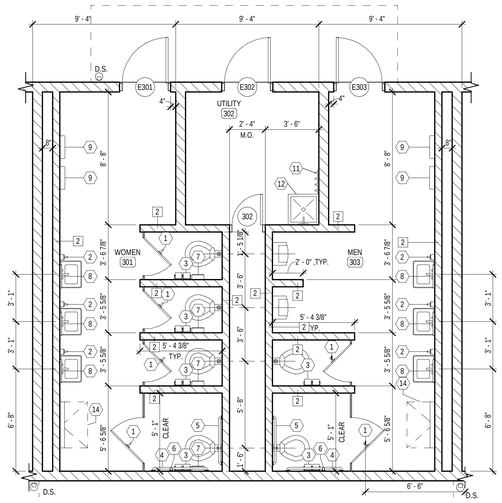
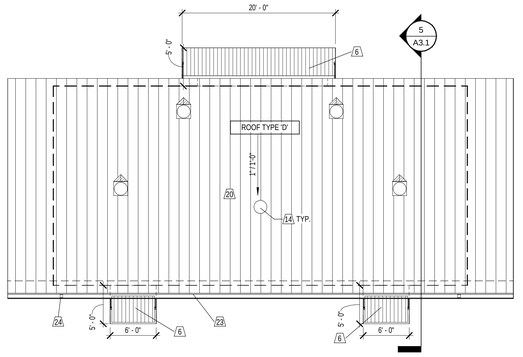


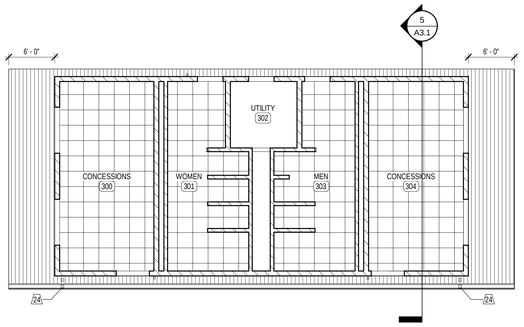
1 300 - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



2 300 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



3 300 - ROOF PLAN
1/8" = 1'-0"



4 300 - REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

X

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ___.
8. ROOF EXPANSION JOINT, REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9 / A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7 / A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8 / A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

◇

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- A — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

TOILET ACCESSORY SCHEDULE

⊘	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 ⌒ = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

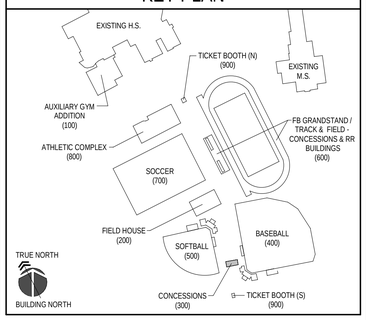
R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

X' - X"
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

- CEILING HEIGHT, A.F.F.
- 2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.
- 2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.
- GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.
- LINEAR METAL CEILING.
- EXISTING BUILDING TO REMAIN.
- PAINTED, 5/8" EXTERIOR GRADE PLYWOOD
- NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS
MICHAEL FRESH SMITH LICENSED ARCHITECT KENTUCKY 23234 REGISTERED NO. 23234 EXPIRES: 12/31/2026

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

CONCESSIONS NEW WORK PLANS, REFLECTED CEILING PLAN, & ROOF PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

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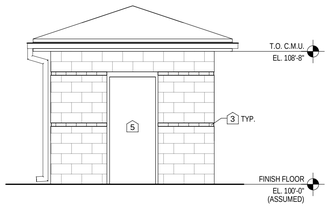
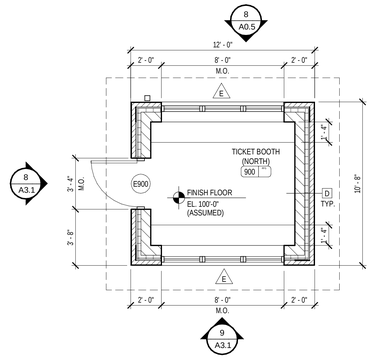
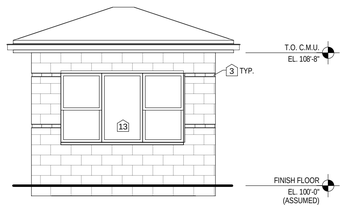


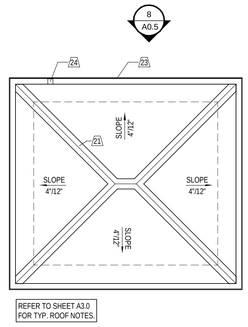
8 TICKET BOOTH SIDE ELEVATION
1/4" = 1'-0"



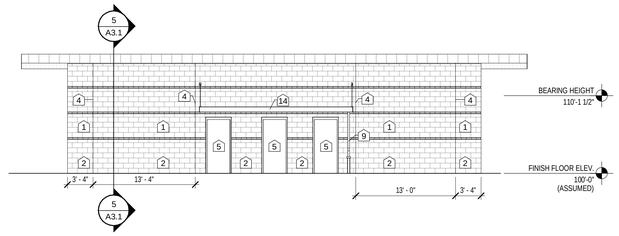
6 900 NEW WORK FLOOR PLAN
1/4" = 1'-0"



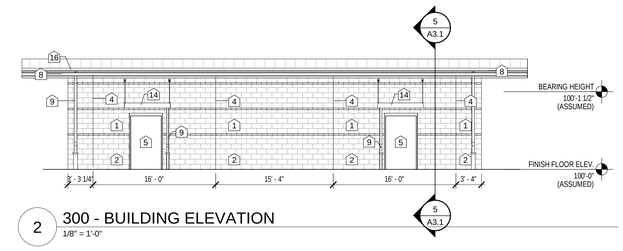
9 TICKET BOOTH FRONT ELEVATION
1/4" = 1'-0"



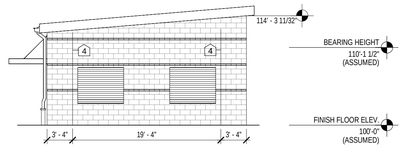
7 TICKET BOOTH ROOF PLAN
1/4" = 1'-0"



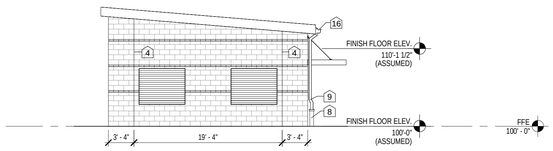
1 300 - BUILDING ELEVATION
1/8" = 1'-0"



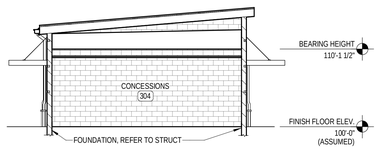
2 300 - BUILDING ELEVATION
1/8" = 1'-0"



3 300 - BUILDING ELEVATION
1/8" = 1'-0"



4 300 - BUILDING ELEVATION
1/8" = 1'-0"



5 300 - BUILDING SECTION
1/8" = 1'-0"

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM. REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    - A. 12'-0" WIDE
    - B. 8'-0" WIDE
    - C. 6'-0" WIDE
    - D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    - A. 24"W X 22"
    - B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS)
- ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  - FW2 2 HOUR RATED FIRE WALL
  - EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

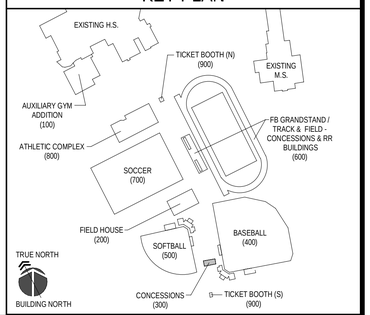
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT
NO. 5982
COMMONWEALTH OF KENTUCKY
ALEXANDRIA SMITH
MCELFRESH

ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

CONCESSIONS BUILDING ELEVATIONS AND SECTIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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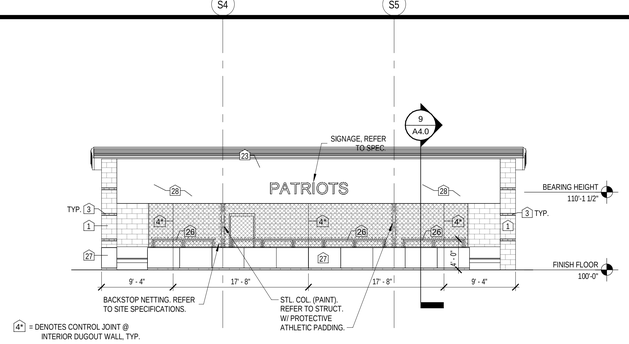
ARCHITECTS, PLLC

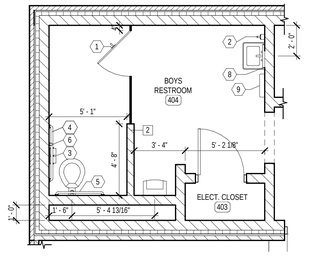
REVISIONS

No.	Description	Date

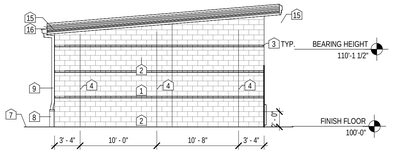
SHEET
A3.1



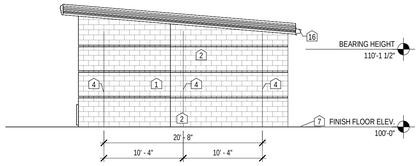
5 400 - BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



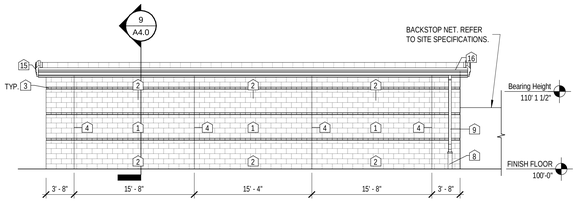
4 400 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



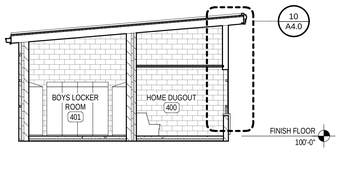
6 400 - BUILDING ELEVATION - WEST
1/8" = 1'-0"



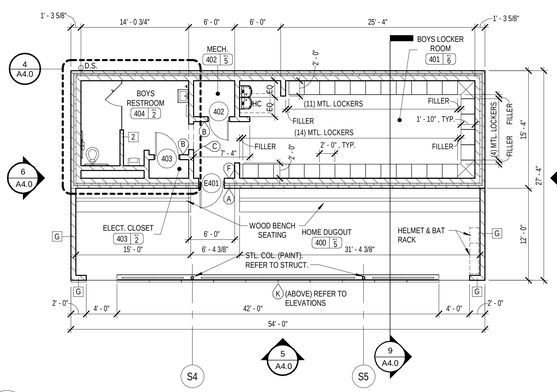
7 400 - BUILDING ELEVATION - EAST
1/8" = 1'-0"



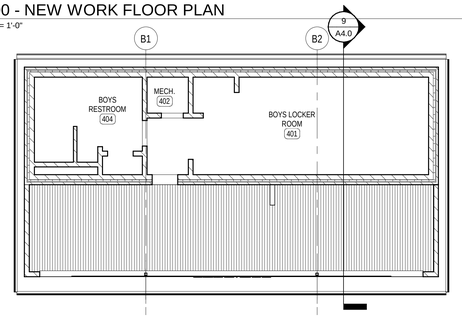
8 400 - BUILDING ELEVATION - NORTH
1/8" = 1'-0"



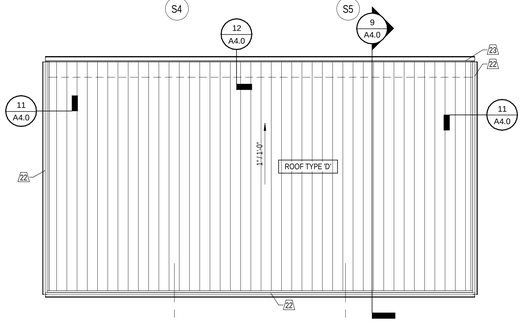
9 400 - BUILDING SECTION
1/8" = 1'-0"



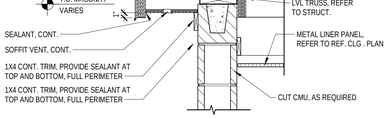
1 400 - NEW WORK FLOOR PLAN
1/8" = 1'-0"



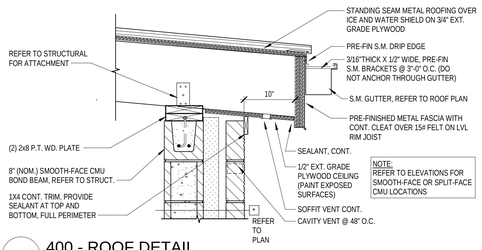
2 400 - REFLECTED CEILING PLAN
1/8" = 1'-0"



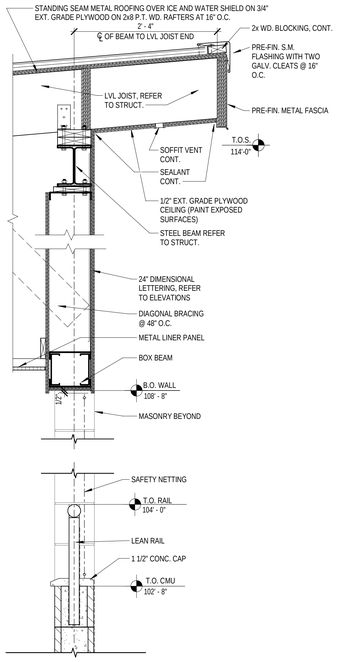
3 400 - ROOF PLAN
1/8" = 1'-0"



11 400 - ROOF DETAIL
1" = 1'-0"



12 400 - ROOF DETAIL
1" = 1'-0"



10 400 - DUGOUT SECTION DETAIL
1" = 1'-0"

TOILET ACCESSORY SCHEDULE

	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAVS. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

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F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

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16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
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23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2' SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
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1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR. PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH- / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- A — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

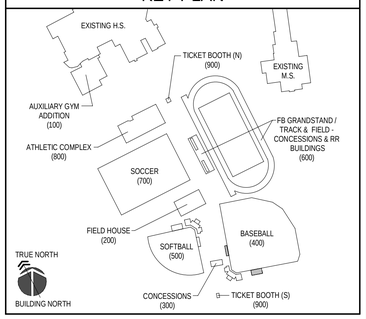
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



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2333 - 56th STREET, SUITE 1 PHONE: (309) 764-0844
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

BASEBALL LOCKER ROOM & DUGOUT

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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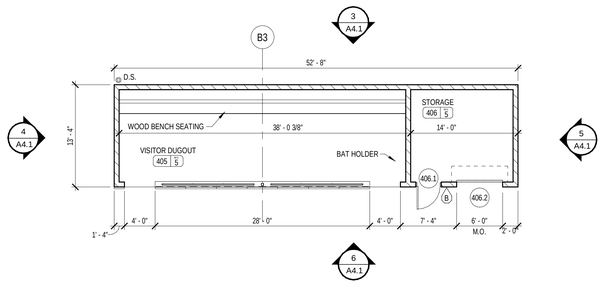
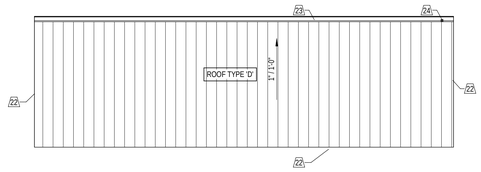
REVISIONS

No.	Description	Date

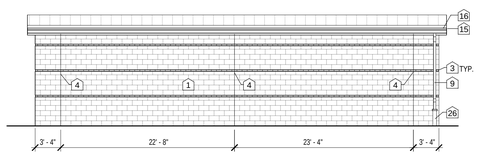
SHEET
A4.0



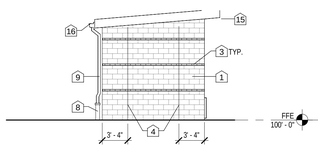
1 400 - VISITOR TEAM DUGOUT - NEW WORK PLAN
1/8" = 1'-0"



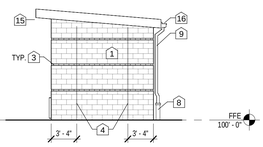
2 400 - VISITOR TEAM DUGOUT- ROOF PLAN
1/8" = 1'-0"



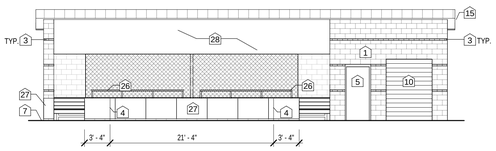
3 400 - VISITOR DUGOUT
1/8" = 1'-0"



4 400 - VISITOR DUGOUT
1/8" = 1'-0"



5 400 - VISITOR DUGOUT
1/8" = 1'-0"



6 400 - VISITOR DUGOUT
1/8" = 1'-0"

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL _____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL _____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK. OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

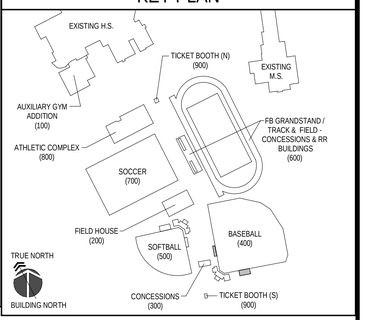
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT — KEVIN J. SMITH — NO. 9884 — 2323-2685 — COMMONWEALTH OF KENTUCKY — MCELFRESH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL VISITOR DUGOUT

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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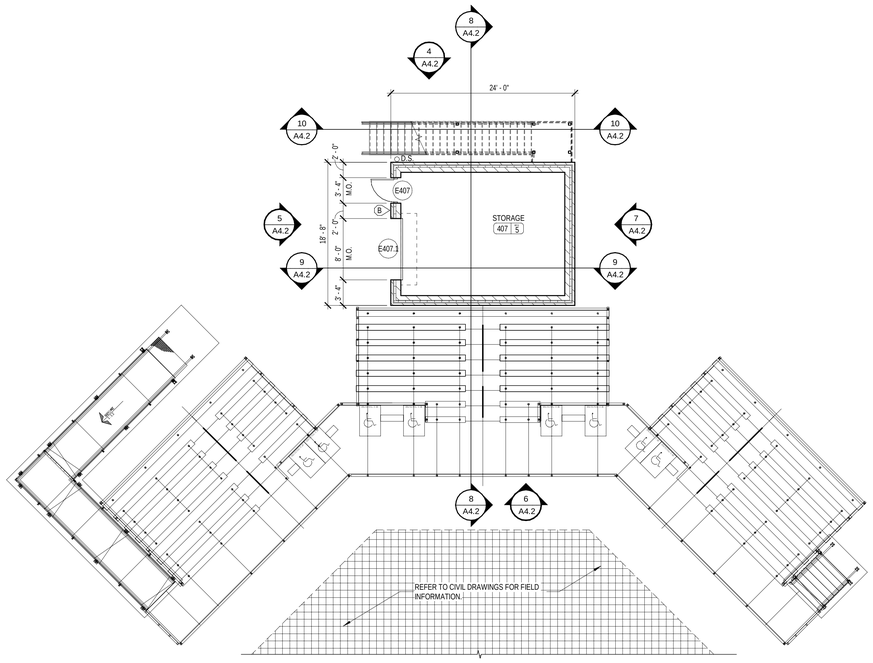
REVISIONS

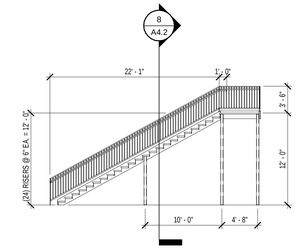
No.	Description	Date

SHEET

A4.1



1 400 - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



10 EXTERIOR STEEL STAIR - SECTION
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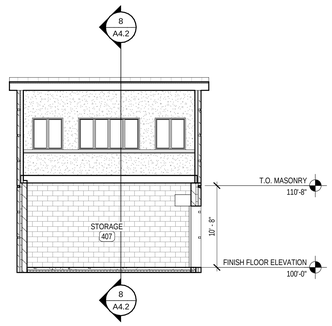

9 400 - PRESSBOX SECTION 02
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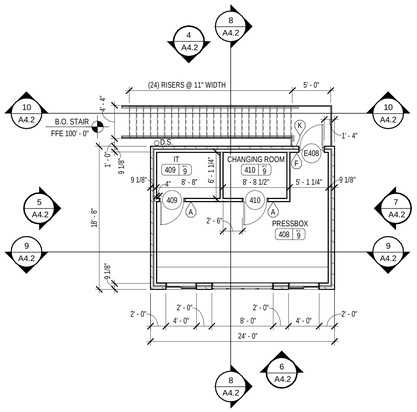

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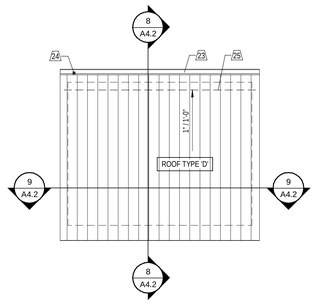

3 400 - PRESSBOX ROOF PLAN
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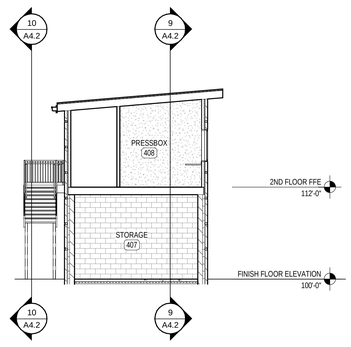

8 400 - PRESSBOX SECTION 01
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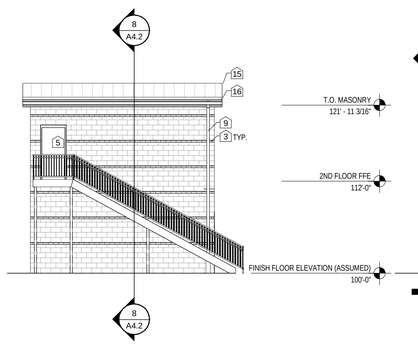
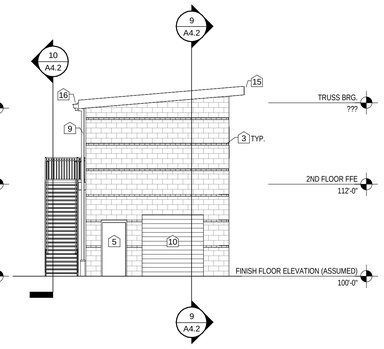


4 400 - PRESSBOX BUILDING ELEVATION
1/8" = 1'-0"



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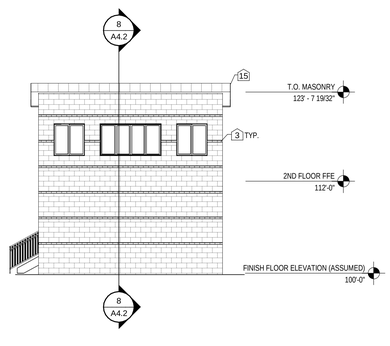
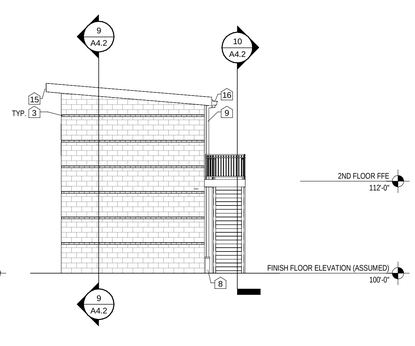


6 400 - PRESSBOX BUILDING ELEVATION
1/8" = 1'-0"



7 400 - PRESSBOX BUILDING ELEVATION
1/8" = 1'-0"

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9 / A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7 / A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8 / A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL _____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL _____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    - A. 12'-0" WIDE
    - B. 8'-0" WIDE
    - C. 6'-0" WIDE
    - D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    - A. 24"W X 22"
    - B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS)
- ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION ___
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

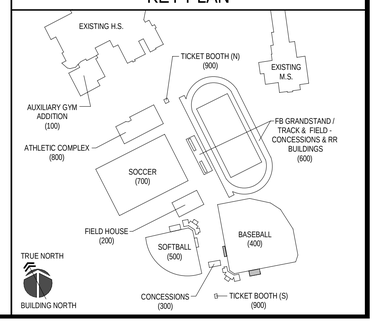
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ENGINEER — NICEL FRESH SMITH — NO. 32324 — 5/31/2026 — COMMONWEALTH OF KENTUCKY — SHERMAN CARTER BARNHART ARCHITECTS

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL PRESSBOX & GRANDSTANDS NEW WORK PLANS & ELEVATIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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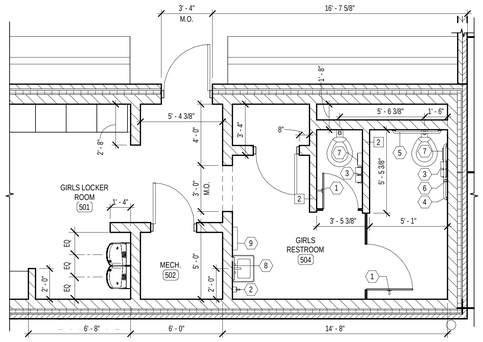
SHERMAN CARTER BARNHART ARCHITECTS, PLLC

REVISIONS

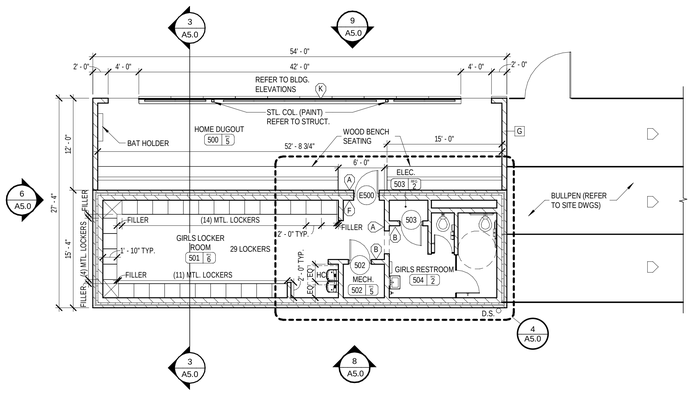
No.	Description	Date

SHEET

A4.2



4 500 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"



1 500 - FIRST FLOOR NEW WORK PLAN
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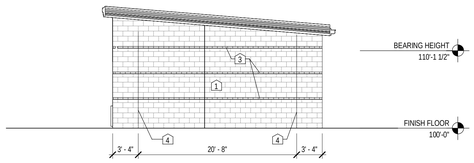
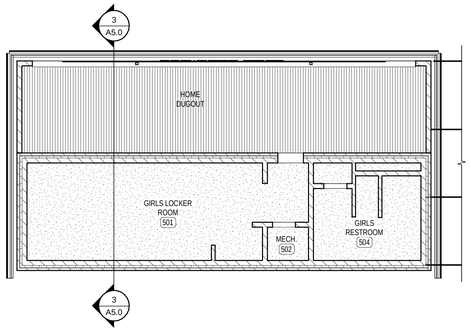


6 500 - BUILDING ELEVATION
1/8" = 1'-0"



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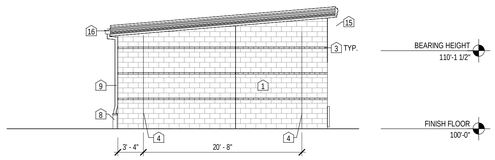
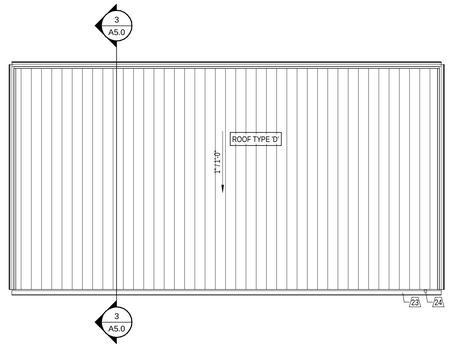
1/8" = 1'-0"



7 500 - BUILDING ELEVATION
1/8" = 1'-0"



5 500 - ROOF PLAN
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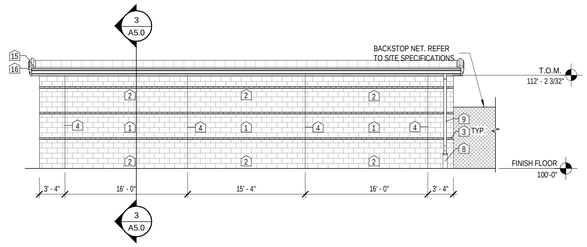

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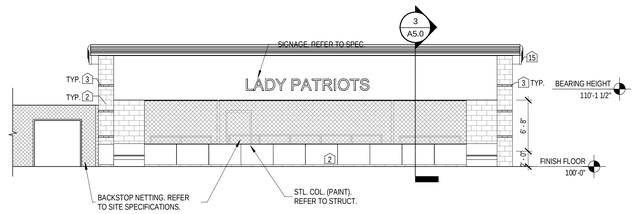

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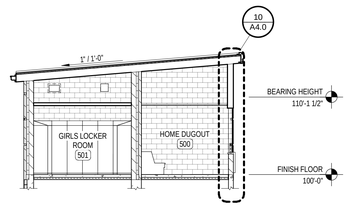

3 500 - BUILDING SECTION
1/8" = 1'-0"

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C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET _____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL _____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL _____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

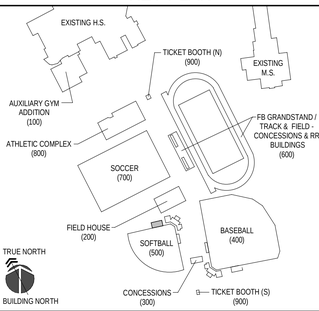
TOILET ACCESSORY SCHEDULE

	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

MCELFRESH
CHRISTOPHER
SMITH
REGISTERED
NO. 9844
COMMONWEALTH
OF KENTUCKY
ARCHITECT
2323-9844

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL LOCKER ROOM & DUGOUT

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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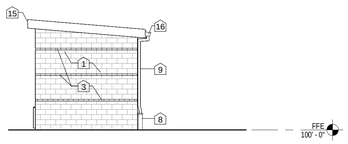
SHERMAN CARTER BARNHART ARCHITECTS, PLLC

REVISIONS

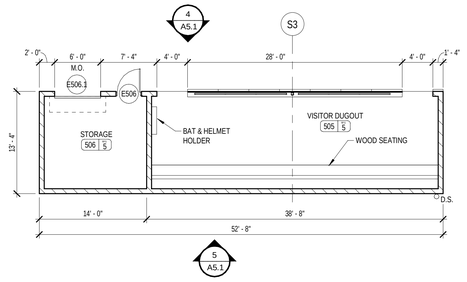
No.	Description	Date

SHEET

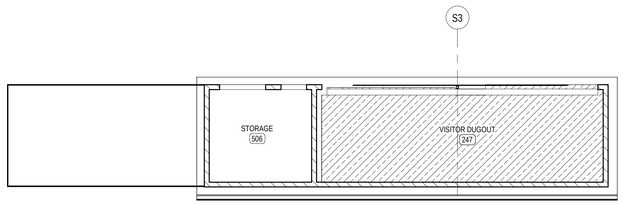
A5.0



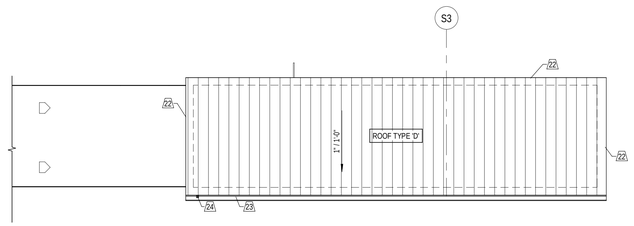
6 VISITOR DUGOUT - WEST
1/8" = 1'-0"



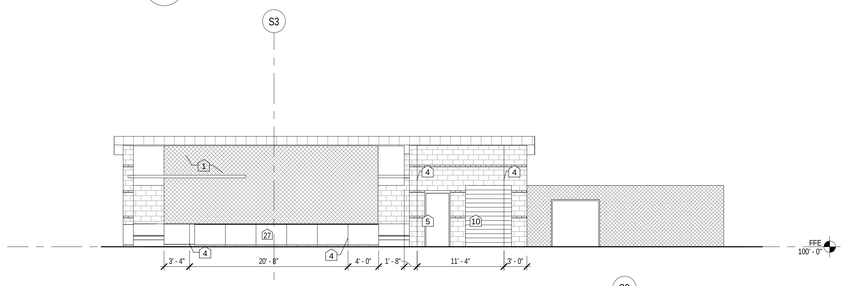
1 VISITOR DUGOUT - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



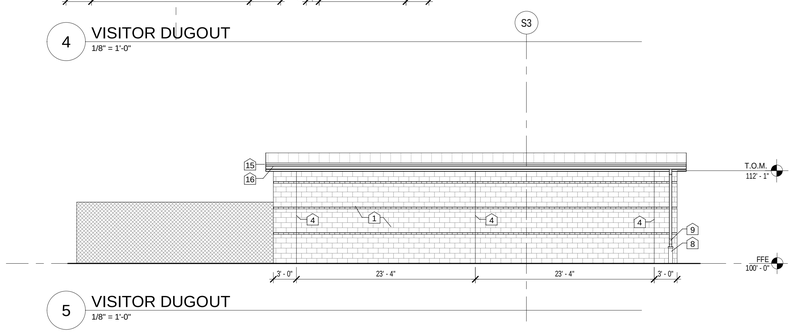
3 VISITOR DUGOUT - REFLECTED CEILING PLAN
1/8" = 1'-0"



2 VISITOR DUGOUT - ROOF PLAN
1/8" = 1'-0"



4 VISITOR DUGOUT
1/8" = 1'-0"



5 VISITOR DUGOUT
1/8" = 1'-0"

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

X' - X" CEILING HEIGHT, A.F.F.
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.

LINEAR METAL CEILING.

EXISTING BUILDING TO REMAIN.

PAINTED, 5/8" EXTERIOR GRADE PLYWOOD

NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS)
ROOM NUMBER
— DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
X — WALL TYPE (SCHEDULE SHEET A0.1)
X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
X — ELEVATION KEY NOTE (SHEETS A3.1)
X — ROOF KEY NOTE (SHEET A4.1)
X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
XX X — WALL / PARTITION DESIGNATION
FW2 2 HOUR RATED FIRE WALL
EFW2 EXISTING 2 HOUR RATED FIRE WALL
MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1.1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

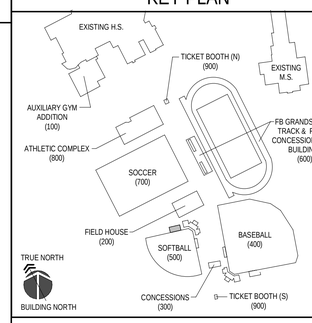
INDICATES 2HR FIRE WALL, SEE PLAN A1.1.

INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW

APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR

DS — DOWNSPOUT.
SC — SCUPPER AND CONDUCTOR HEAD.
EDS — EXISTING DOWNSPOUT.
RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT — KENTUCKY — NO. 32324 — 5695 — 8944 — CHRISTOPHER W. SMITH — EXPIRES: 6/30/2026

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL VISITOR DUGOUT

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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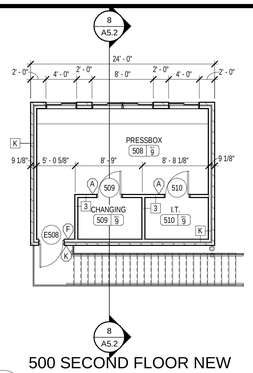
REVISIONS

No.	Description	Date

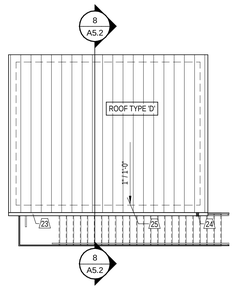
SHEET

A5.1

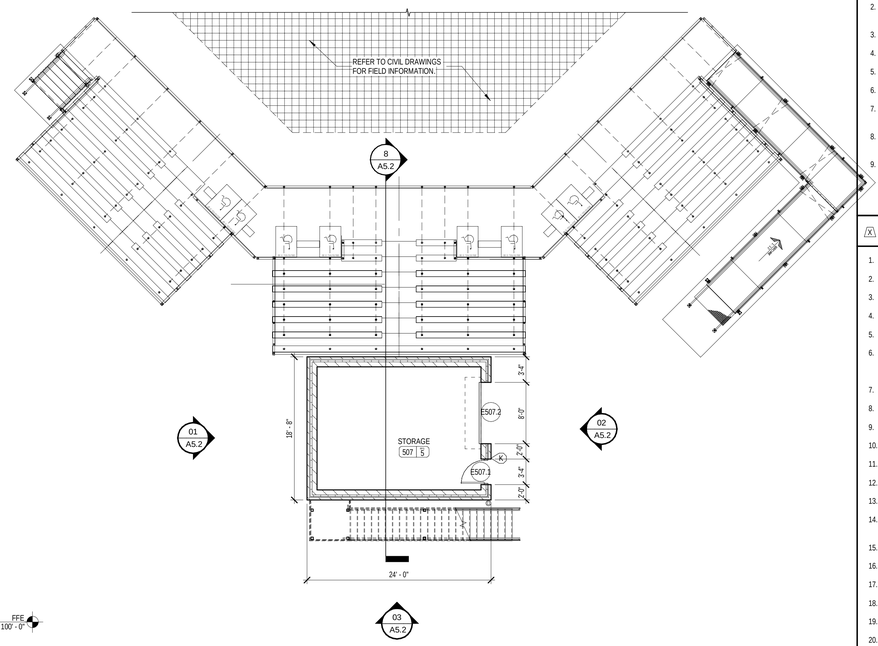
2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
3/24/2026 12:18:15 PM



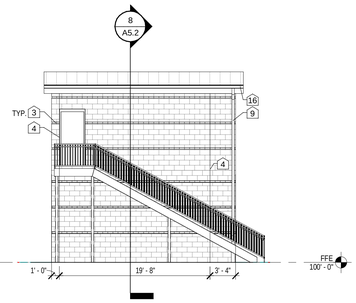
04 500 SECOND FLOOR NEW WORK PLAN
1/8" = 1'-0"



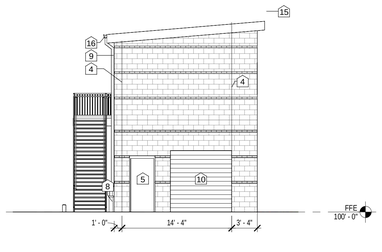
11 500 - SOFTBALL PRESSBOX - ROOF PLAN
1/8" = 1'-0"



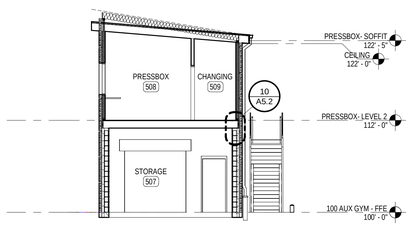
1 FIRST FLOOR NEW WORK PLAN - OPTION 2
1/8" = 1'-0"



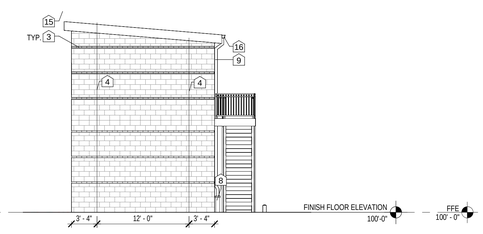
03 500 - SOFTBALL PRESSBOX - SOUTH ELEVATION
1/8" = 1'-0"



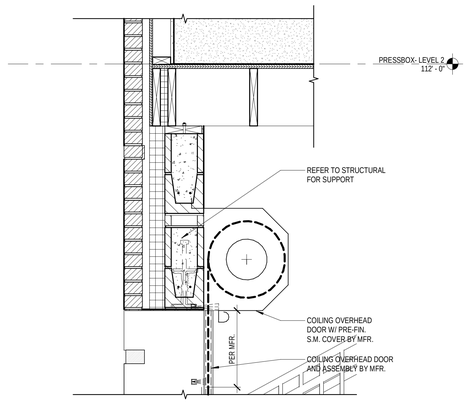
02 500 - SOFTBALL PRESSBOX - EAST ELEVATION
1/8" = 1'-0"



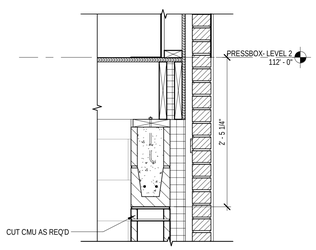
8 500 - SOFTBALL PRESSBOX SECTION 02
1/8" = 1'-0"



01 500 - SOFTBALL PRESSBOX - WEST ELEVATION
1/8" = 1'-0"



9 SECTION @ COILING DOOR
1" = 1'-0"



10 DETAIL
1" = 1'-0"

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A0.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

GENERAL NOTES

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2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
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14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
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    B. 12"W X 22", DOUBLE TIER.
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- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
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- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
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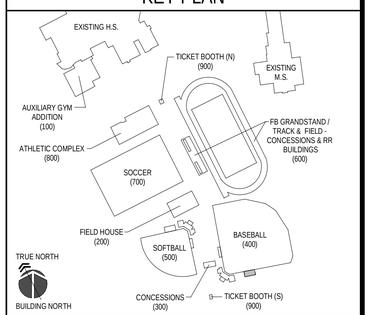
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

DRAFT

ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL GRANDSTANDS FLOOR PLANS & ELEVATIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

A5.2

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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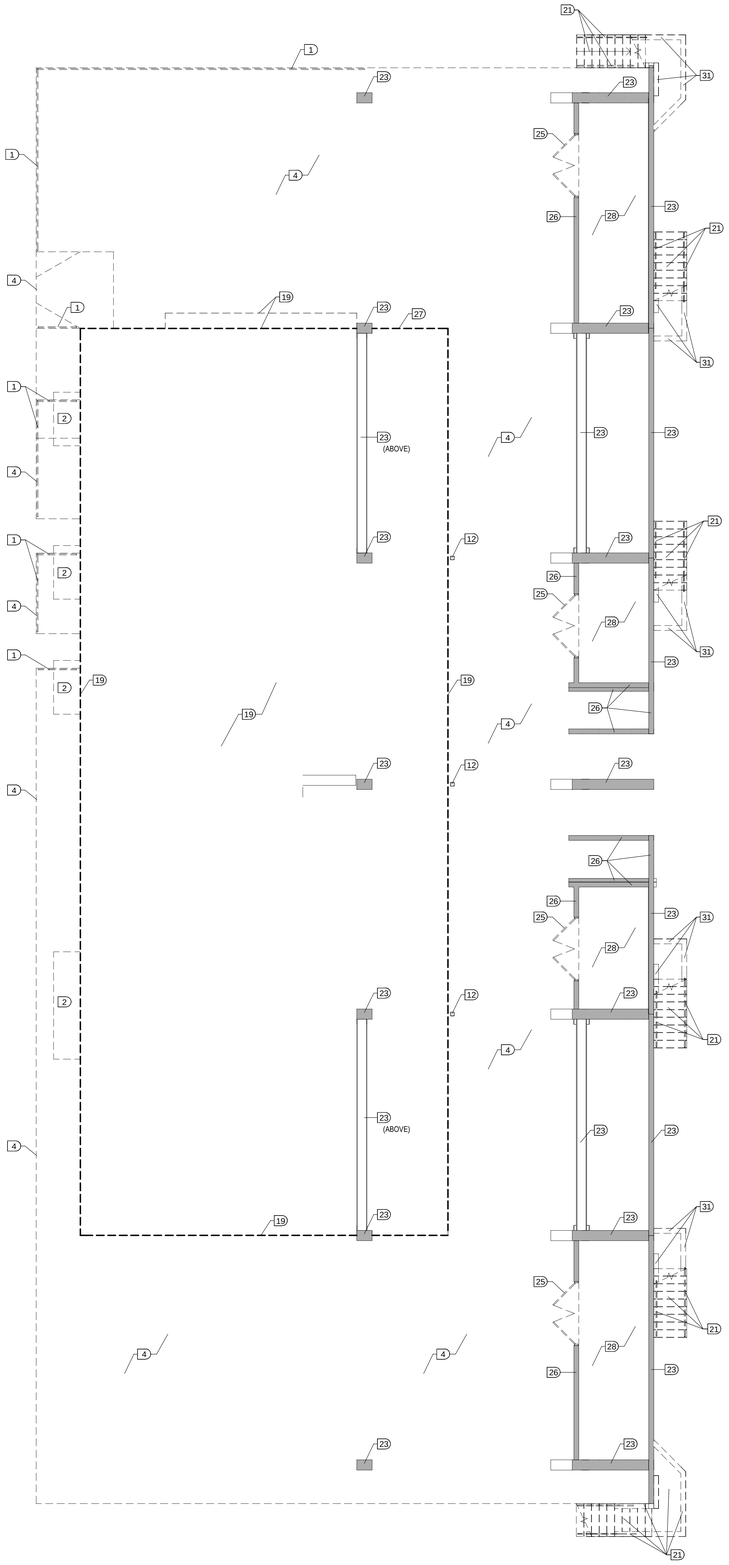
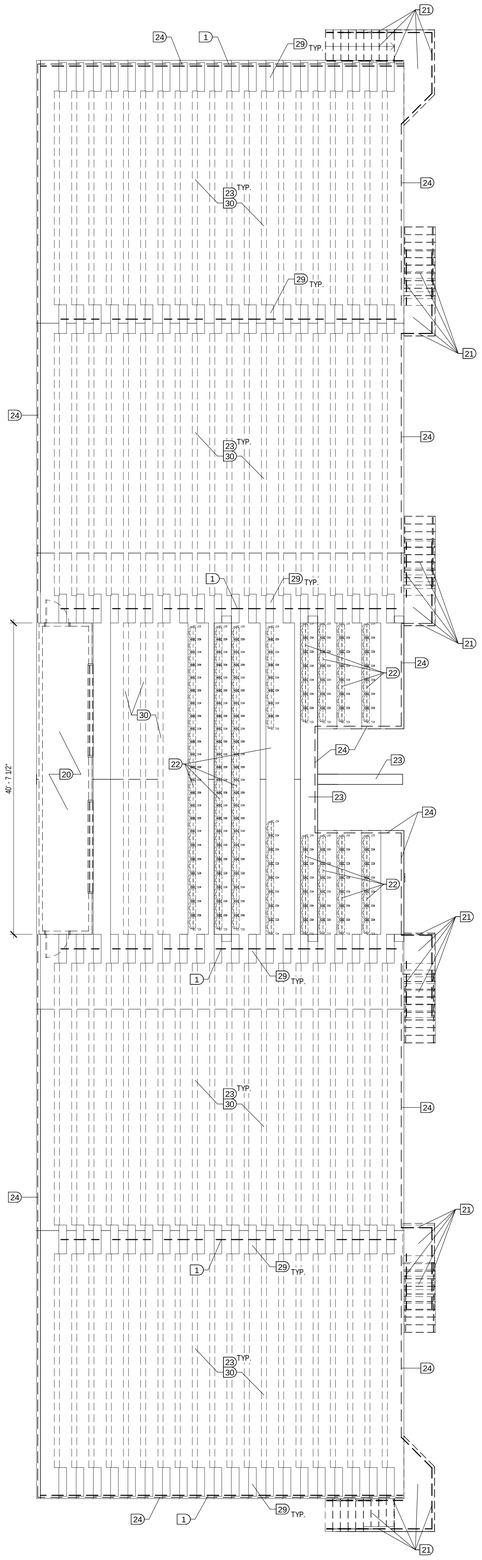
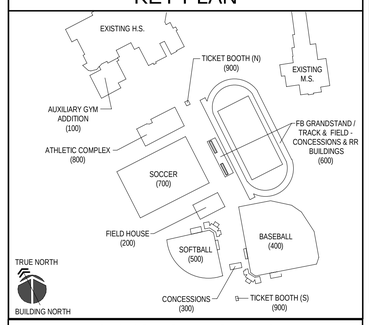


1 600 - GRANDSTAND DEMOLITION PLAN
1/8" = 1'-0"



2 600 - GRANDSTAND DEMOLITION PLAN
1/8" = 1'-0"

KEY PLAN



DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
- EXISTING WALL / CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED - FULL HEIGHT U.N.O. SEE SELECTIVE DEMOLITION NOTES
- EXISTING DOOR / DOOR & FRAME TO REMAIN
- EXISTING DOOR / DOOR & FRAME TO BE REMOVED, U.N.O.
- LIMITED TO NO ARCHITECTURAL WORK. EXISTING FINISHES TO REMAIN U.N.O. REFER TO MEP FOR MEP WORK THAT MAY BE REQUIRED.

GENERAL DEMOLITION NOTES

A. ALL EXISTING SUSPENDED CEILINGS TO BE REMOVED, COORDINATE WITH PHASING PLANS AND MEP WORK.

B. DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.

C. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.

D. CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.

E. INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO THIS RENOVATION PROJECT HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY MEADE COUNTY BOARD OF EDUCATION AND FIELD OBSERVATIONS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON DRAWINGS.

F. REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS AT EXISTING CONDITIONS REQUIRING PARTIAL OR COMPLETE REMOVAL AND/OR MODIFICATION TO COMPONENTS OR ASSEMBLIES PERTAINING TO EXISTING BUILDING STRUCTURE.

G. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.

H. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.

I. WHERE AN EXISTING WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.

J. ALL AREAS LEFT EXPOSED AS A RESULT OF DEMOLITION AND/OR EQUIPMENT REMOVAL SHALL BE PATCHED AND REPAIRED TO RESULT IN A FLUSH SMOOTH SURFACE PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. ANY AREAS / OPENINGS IN MASONRY WALLS LARGER THAN 2" EXPOSED TO VIEW SHALL BE PATCHED WITH SOAPED IN CMU UNITS TOOTHED-IN INTO EXISTING MASONRY.

K. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. CONTRACTOR SHALL SOAP IN NEW CMU TO MATCH EXISTING ADJACENT AREAS.

L. REFER TO MECH/ELEC DRAWINGS FOR SPECIFIC NOTES REGARDING REMOVAL OF EXISTING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

M. REFER TO STRUCTURAL DRAWINGS FOR NEW WORK (I.E. NEW FOOTING, ETC.) WHICH MAY REQUIRE DEMOLITION WORK IN ADDITION TO ITEMS NOTED ON THE ARCHITECTURAL DRAWINGS ALL SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR.

N. REFER TO CIVIL/SITE DRAWINGS FOR ADDITIONAL DEMOLITION OF SITE/CIVIL ITEMS NOT SHOWN.

HAZARDOUS MATERIAL NOTES

DUE TO THE AGE OF THE EXISTING BUILDING, IT IS POSSIBLE HAZARDOUS MATERIALS MAY EXIST, INCLUDING, BUT NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

1. THE CONTRACTOR IS HEREBY ADVISED THAT SHERMAN-CARTER-BARNHART, PLLC IS NOT A DESIGN PROFESSIONAL IN THE DETERMINATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS SHERMAN-CARTER-BARNHART, PLLC A DESIGN PROFESSIONAL INVOLVED IN MAKING RECOMMENDATIONS REGARDING THE TESTING, REMOVAL, ENCAPSULATION OR OTHER CORRECTIVE MEASURES PERTAINING TO HAZARDOUS MATERIALS.
2. IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED WITH HAZARDOUS MATERIALS.
3. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS IN THE PROJECT.
4. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS OR OTHER HAZARDOUS MATERIALS RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

DEMOLITION KEY NOTES

1. DEMOLISH EXISTING HANDRAILS & GUARDRAILS IN THEIR ENTIRETY.
2. DEMOLISH EXISTING CANOPY STRUCTURE AND COMPONENTS IN THEIR ENTIRETY.
3. REMOVE EXISTING STOOP & STEPS, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
4. REMOVE EXISTING CONCRETE SIDEWALK, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
5. REMOVE EXISTING ALUMINUM STOREFRONT WINDOW AND/OR DOOR SYSTEM AND COMPONENTS IN ITS ENTIRETY.
6. REMOVE A PORTION OF EXISTING EIFS SOFFIT @ EXTERIOR OF EXISTING CAFETERIA.
7. REMOVE EXISTING SOUND PANELS TO ALLOW FOR NEW OVERHEAD DOOR & COMPONENTS.
8. REMOVE EXISTING FLOOR FINISH, PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH MATERIALS.
9. REMOVE PORTION OF EXISTING FLOOR SLAB & SUBGRADE AS REQUIRED FOR NEW FOUNDATION(S). REFER TO STRUCTURAL DWGS.
10. REMOVE EXISTING ATHLETIC FLOORING SYSTEM, PREPARE FLOOR TO RECEIVE NEW SYNTHETIC TURF SYSTEM.
11. REMOVE PORTION OF EXISTING MASONRY WALL TO CREATE OPENING FOR NEW DOOR & FRAME.
12. EXISTING STEEL COLUMN TO REMAIN.
13. CAREFULLY REMOVE EXISTING DOUBLE TIER LOCKERS AND TURN OVER TO OWNER.
14. REMOVE EXISTING CONCRETE LOCKER BASE.
15. REMOVE EXISTING GYMNASIUM EQUIPMENT AND COMPONENTS IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO THE BASKETBALL GOALS, WALL PADS, AND SUSPENDED BATTING CAGES.
16. REMOVE EXISTING DIVIDER CURTAIN AND COMPONENTS IN THEIR ENTIRETY, TURN OVER TO OWNER.
17. REMOVE EXISTING FIRE EXTINGUISHER TO ALLOW FOR NEW DOOR OPG., REINSTALL FIRE EXTINGUISHER WITHIN SAME ROOM.
18. EXISTING FIRE ALARM STROBE TO REMAIN.
19. REMOVE EXISTING BUILDING AND COMPONENTS IN THEIR ENTIRETY, REFER TO SITE AND MEP DEMOLITION DRAWINGS FOR UTILITIES DEMOLITION INFORMATION.
20. CAREFULLY REMOVE EXISTING PRESS BOX IN ITS ENTIRETY, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
21. REMOVE EXISTING ACCESS STAIRS, HANDRAILS, AND GUARDRAILS, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
22. CAREFULLY REMOVE EXISTING CHAIR-BACK SEATING, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
23. CONCRETE SUPERSTRUCTURE AND PLANKS TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
24. REMOVE EXISTING CHAIN LINK FENCING AND POST(S).
25. REMOVE EXISTING HOLLOW METAL DOOR(S) AND FRAME IN THEIR ENTIRETY, PROTECT EXISTING MASONRY WALL CONSTRUCTION.
26. EXISTING CMU WALL TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
27. CAREFULLY REMOVE EXISTING BRONZE DEDICATION PLAQUE AND TURN OVER TO OWNER.
28. EXISTING CONCRETE FLATWORK TO REMAIN.
29. EXISTING INTERMEDIATE POURED-IN-PLACE CONCRETE STEP(S) TO REMAIN
30. REMOVE EXISTING ALUMINUM BLEACHER SEATS AND COMPONENTS IN THEIR ENTIRETY.
31. REMOVE EXISTING CMU WALL IN ITS ENTIRETY.

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT KENTUCKY NICOLE FRESH SMITH 33334 CHRISTOPHER A. SMITH

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS DEMOLITION PLANS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

A6.0

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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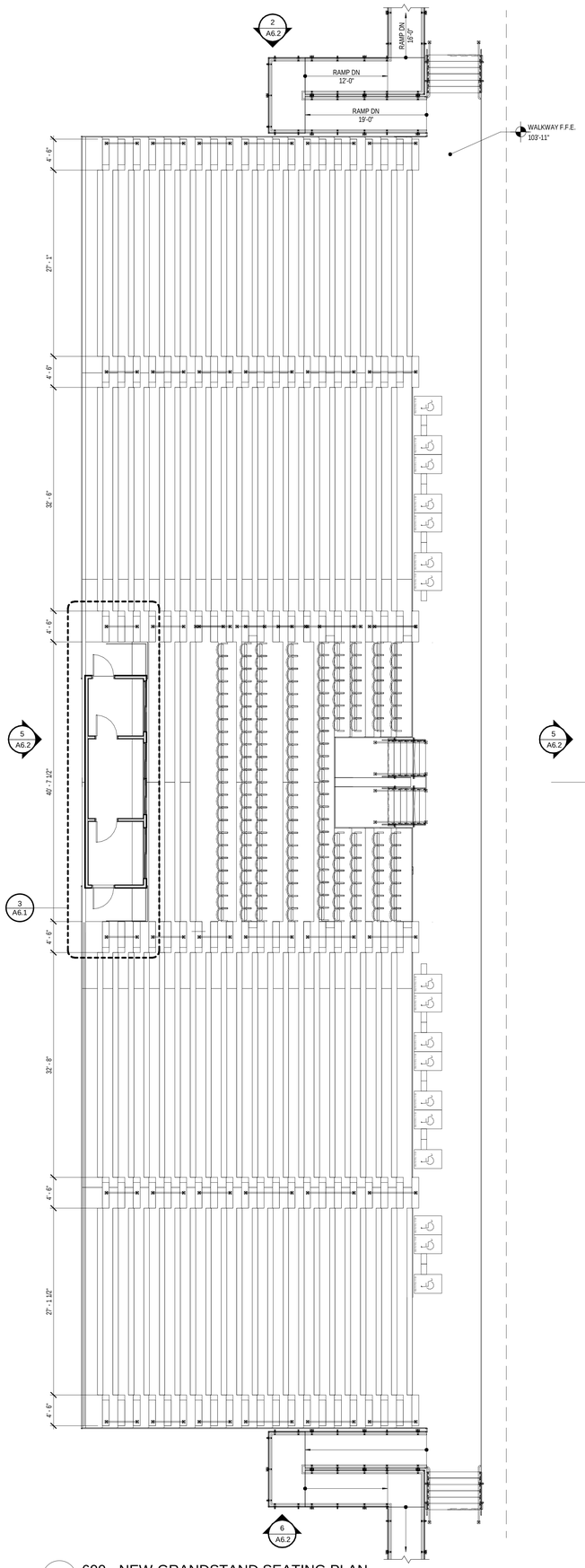
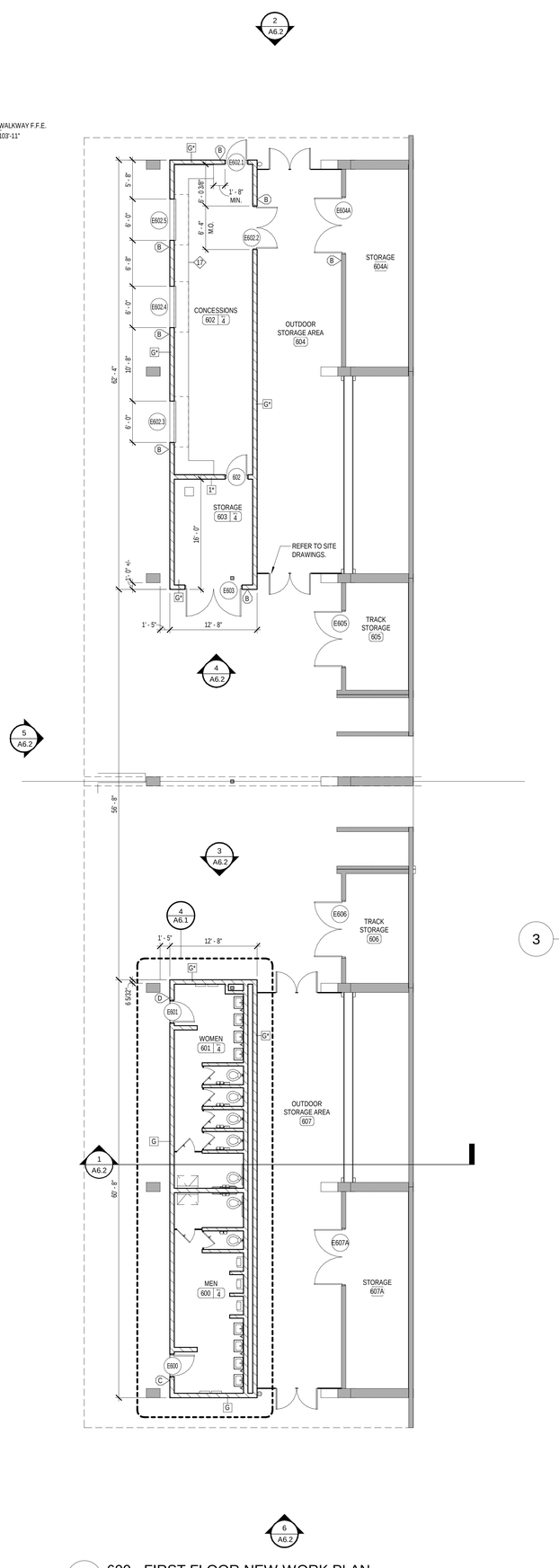
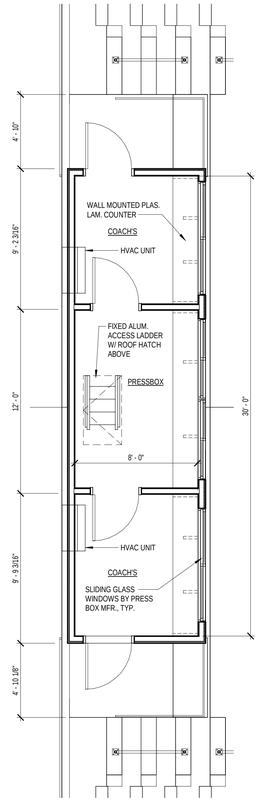


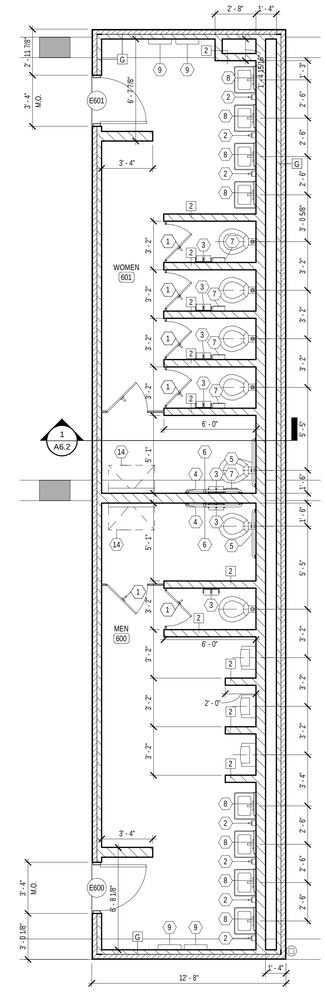
1 600 - NEW GRANDSTAND SEATING PLAN
1/8" = 1'-0"



2 600 - FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"



3 600 ENLARGED PRESSBOX PLAN
1/4" = 1'-0"



4 600 - ENLARGED RESTROOM PLAN
1/4" = 1'-0"

TOILET ACCESSORY SCHEDULE

◇	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	S.S. SOAP DISPENSER	40" TO VALVE	ASI 9343
3	DOUBLE ROLL TOILET PAPER DISPENSER W/ VANDAL RESISTANT SPINDLE (SURFACE MOUNTED)	24" TO CENTER LINE	ASI 0264-12
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-42P
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-36P
6	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BOTTOM CENTERLINE	ASI 3401-18P
7	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
8	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B2436
9	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
10	48" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401-48P
11	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
12	MOP SINK	FLOOR MOUNTED	SEE PLUMBING
13	MIRROR W/ S.S. FRAME - 108"x72"	40" TO BOTTOM	
14	BABY CHANGING TABLE	33" MAX. TO CHANGE SURFACE IN OPEN POSITION	ASI 9013-9
15	SHOWER CURTAIN	72" STANDARD HEIGHT	ASI 1200-V
16	TOWEL HOOKS	54" TO CENTERLINE	ASI 0740-Z
17	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3401 SERIES
18	ADA COMPLIANT FOLDING SEAT	REFER TO DETAIL THIS SHEET	ASI 8203
19	SOAP DISH WITH DRAIN	38" TO TOP OF DISH	ASI 0720-Z

GENERAL TOILET ACCESSORY NOTES

1. MODEL NO'S. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC." (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.
2. ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.
3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS AND FLOOR DRAIN LOCATIONS.
4. ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.
5. ALL TOILET ACCESSORIES TO INCLUDE VANDAL RESISTANT OPTION.
6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.
7. INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.
8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 1/A0.1.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

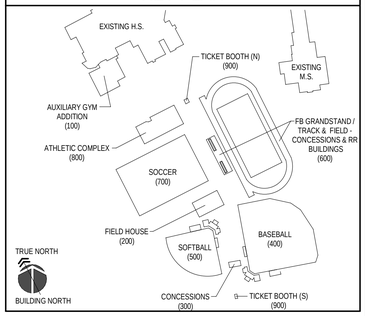
1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 11/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- ◇X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- △X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- ◇X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- ◇X — ELEVATION KEY NOTE (SHEETS A3.1)
- △X — ROOF KEY NOTE (SHEET A4.1)
- ⬠X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- ◇X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS
KENTUCKY LICENSED ARCHITECTURAL FIRM
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CHRISTOPHER M. SMITH
NO. 3333-5844
CHRISTOPHER M. SMITH
REGISTERED ARCHITECT
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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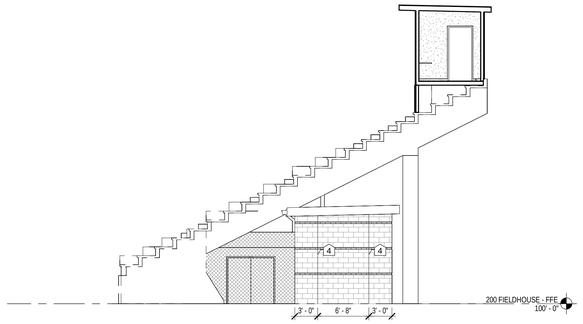
REVISIONS

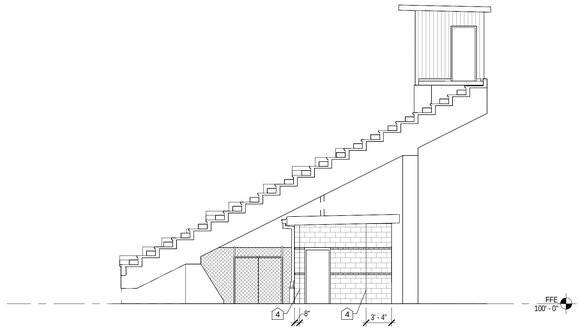
No.	Description	Date

SHEET

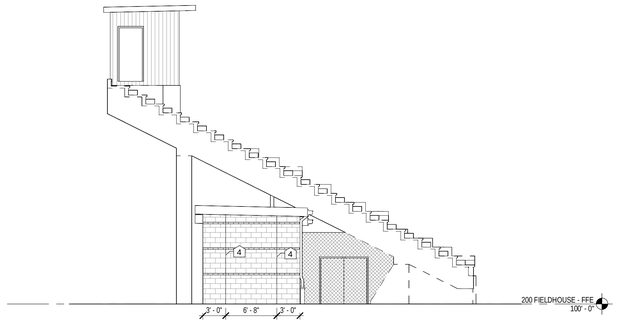
A6.1



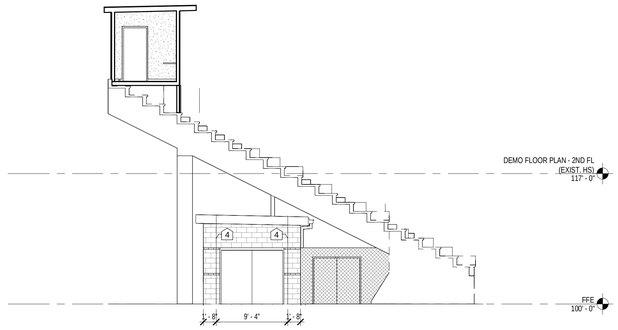
3 600 - RESTROOM BUILDING ELEVATION
1/8" = 1'-0"



2 600 - CONCESSION BUILDING ELEVATION
1/8" = 1'-0"



6 600 - RESTROOM BUILDING ELEVATION
1/8" = 1'-0"



4 600 - CONCESSION BUILDING ELEVATION
1/8" = 1'-0"

5 600 - CONCESSION BUILDING ELEVATION - WEST
1/8" = 1'-0"

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, WINDOWS STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC ALUMINUM WINDOW TYPES AND WINDOW ELEVATIONS.

E. LOCATIONS OF CONTROL/EXPANSION JOINTS IN MASONRY WALLS ARE SHOWN ON THIS DRAWING. SEE TYPICAL DETAILS ON SHEET A6.2 FOR SPECIFIC REQUIREMENTS AT RESPECTIVE LOCATIONS.

F. ALL EXPOSED NEW EXTERIOR MASONRY SHALL RECEIVE APPLICATION OF SPECIFIED WATER REPELLENT.

G. ALL EXPOSED EXTERIOR METAL SUCH AS FLASHINGS, COPINGS, GUTTERS DOWNSPOUTS AND LADDERS SHALL RECEIVE THE SPECIFIED FIELD OR SHOP APPLIED FINISH COATING.

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. 8" (NOM.) SPLIT-FACE CMU
2. 8" (NOM.) GROUND-FACE CMU
3. BRICK ACCENT BAND (1 ROW), RECESS 3/8", TYP.
4. CONTROL JOINT
5. GALV. INSULATED H.M. DOOR & FRAME (PRIMED, PAINT BY OTHERS)
6. WALL MOUNTED LIGHT, REFER TO ELECTRICAL DRAWINGS
7. FINISH GRADE - VARIES, REFER TO SITE DRAWINGS
8. PRE-FINISHED DOWNSPOUT BOOT. REFER TO SITE DWGS.
9. PRE-FINISHED DOWNSPOUT - TIE INTO BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM. REFER TO SITE DETAILS.
10. INSULATED COILING OVERHEAD DOOR WITH PRE-FIN. S.M. COVER, REFER TO SPECIFICATIONS.
11. PRE-FINISHED METAL WALL PANEL. REFER TO SPECIFICATIONS.
12. SIGNAGE, REFER TO SPECS.
13. ALUM. STOREFRONT WINDOW SYSTEM.
14. TYP. PRE-MANUFACTURED CANOPY SYSTEM, REFER TO DETAIL 15/A1.1
15. PRE-FINISHED S.M. RAKE TRIM, REFER TO TYPICAL DETAILS SHEET ____.
16. PRE-FINISHED S.M. GUTTER, REFER TO TYPICAL DETAILS SHEET A0.2
17. PEMB RAKE TRIM, REFER TO TYPICAL DETAILS ON SHEET A0.2.
18. PEMB GUTTER, REFER TO TYPICAL DETAILS ON SHEET A0.2.
19. PEMB DOWNSPOUT.
20. PEMB RIDGE CAP, REFER TO TYPICAL DETAILS ON SHEET A0.2
21. PEMB METAL WALL PANEL.
22. PRE-FINISHED S.M. COPING.
23. PRE-FINISHED S.M. FASCIA.
24. PRE-FINISHED S.M. CONDUCTER HEAD, REFER TO DETAIL 6/A5.2.
25. ROOF LADDER, REFER TO DETAIL ____.
26. 2" SQ. LEAN RAIL W/ PROTECTIVE ATHLETIC PADDING, REFER TO DETAIL ____.
27. 2" PROTECTIVE ATHLETIC WALL PADDING, REFER TO SPECS.
28. CUSTOM GRAPHIC PANELS, ARTWORK PROVIDED BY OWNER.

SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT
NICOLE FRESH SMITH
NO. 33259
COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES
SCOTTSVILLE, KENTUCKY

GRANDSTANDS BUILDING ELEVATIONS & SECTIONS

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

A6.2

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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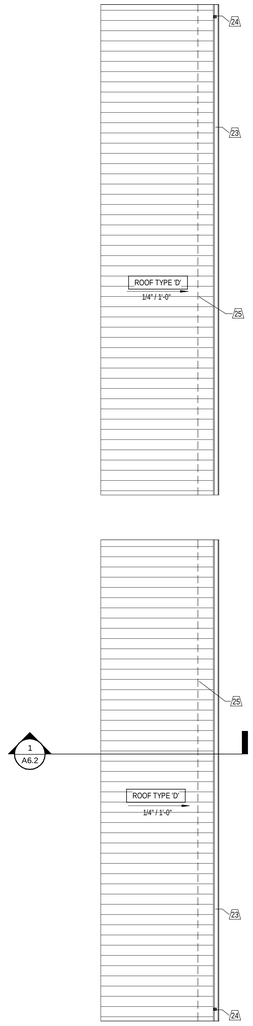
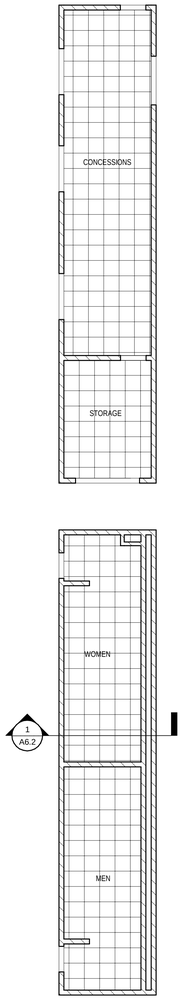


2 600 - ROOF PLAN
1/8" = 1'-0"



1 600 - REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL ROOF NOTES

1. ROOF SLOPES ARE 1/4" / 12" UNLESS NOTED OTHERWISE.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MPE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS, SHEET A0.2.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING/ FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

ROOF KEYNOTES

1. ROOF TYPE 'A' REFER TO ROOF LEGEND.
2. ROOF TYPE 'B' REFER TO ROOF LEGEND.
3. PRE-FIN METAL COPING. REFER TO TYP. DETAIL 1/A0.2.
4. PRE-FIN METAL SCUPPER AND DOWNSPOUT, REFER TO DETAILS 2, 3, AND 4/A0.2.
5. PRE-MANUFACTURED WALKWAY COVER, REFER TO DETAIL 11/A0.2.
6. PRE-MANUFACTURED WALL SUPPORTED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM PIPING, REFER TO CIVIL DWGS. FOR CONTINUATION, TYP. CANOPY SHALL BE 8'-0" x 5'-0" U.N.O. REFER TO DETAILS 12 & 13/A0.2.
7. MASONRY PIER WITH CAST STONE CAP. REFER TO DETAIL ____.
8. ROOF EXPANSION JOINT. REFER TO DETAIL ___.
9. ROOF EXPANSION JOINT AT 2HR FIRE WALL. REFER TO DETAIL __.
10. ROOF HATCH, REFER TO DETAIL 11/A0.3.
11. WALKWAY PADS, REFER TO SPECIFICATIONS.
12. CRICKET. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO SCUPPER.
13. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
14. MECHANICAL EQUIPMENT, REFER TO MECHANICAL DWGS. AND TO SHEET A0.2 FOR TYP. ROOF CURB DETAIL.
15. PEMB RIDGE CAP 9/ A0.2.
16. PEMB GUTTER ASSEMBLY REFER TO 7/ A0.2.
17. PEMB RAKE TRIM ASSEMBLY REFER TO 8/ A0.2.
18. PEMB DOWNSPOUT. SEE ELEVATIONS.
19. ROOF TYPE 'C' REFER TO ROOF LEGEND.
20. ROOF TYPE 'D' REFER TO ROOF LEGEND.
21. PRE-FIN METAL, VENTED RIDGE CAP.
22. PRE-FIN METAL RAKE TRIM.
23. PRE-FIN METAL GUTTER.
24. PRE-FIN METAL DOWNSPOUT.
25. SNOW GUARD.
26. ROOF LADDER

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

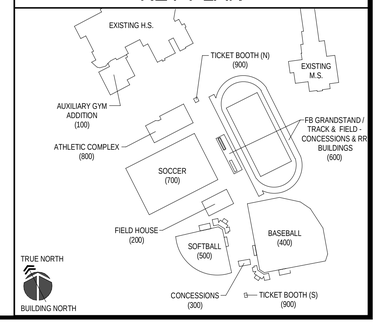
R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

- X' - X" — CEILING HEIGHT, A.F.F. NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.
- 2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.
- 2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.
- GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.
- LINEAR METAL CEILING.
- EXISTING BUILDING TO REMAIN.
- PAINTED, 5/8" EXTERIOR GRADE PLYWOOD
- NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED ARCHITECT — R. JEFFREY VOELFRESH — NO. 29844 — 2323 SEMINOLE COURT — LOUISVILLE, KY 40205 — R. SMITH — ASSOCIATE ARCHITECT

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS REFLECTED CEILING PLAN & ROOF PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

SHEET

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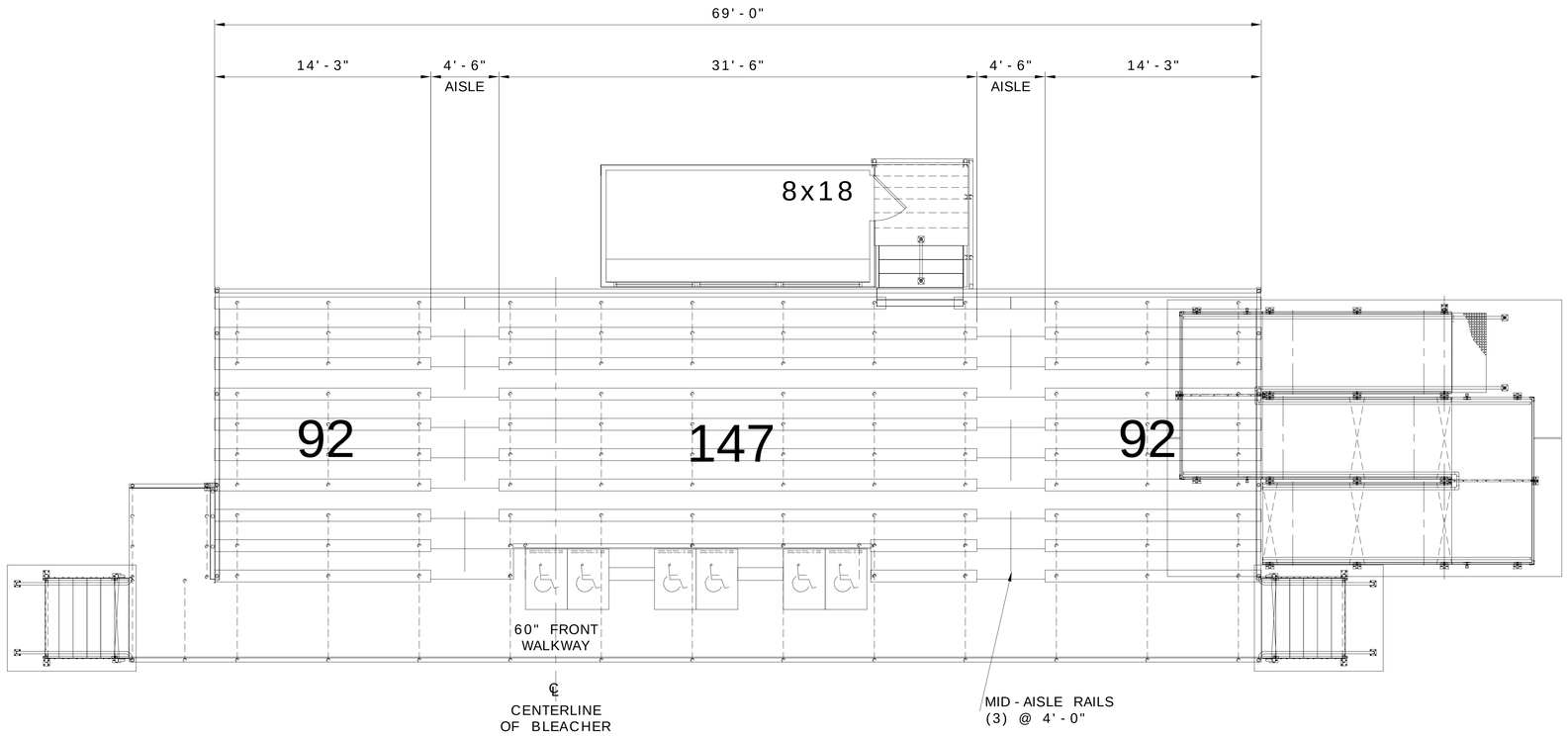
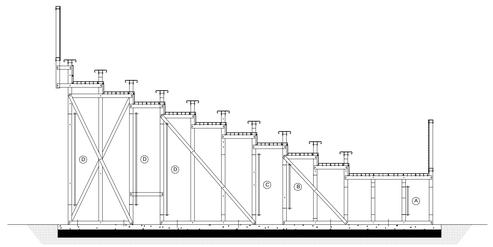


1 SOCCER GRANDSTANDS PLAN
1/4" = 1'-0"



2 GRANDSTAND TYP. SECTION
1/4" = 1'-0"

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR. REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE

    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX / X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS) / ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- X — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1 1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

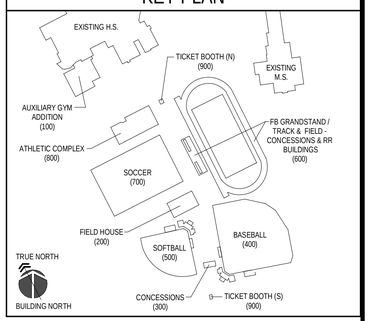
ROOF ASSEMBLY - TYPE 'B'
PEMB METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

REGISTERED ARCHITECT — KEVIN J. SMITH — NO. 29844 — COMMONWEALTH OF KENTUCKY — 3/24/2026

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOCCER GRANDSTANDS PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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ARCHITECTS, PLLC

REVISIONS

No.	Description	Date

SHEET
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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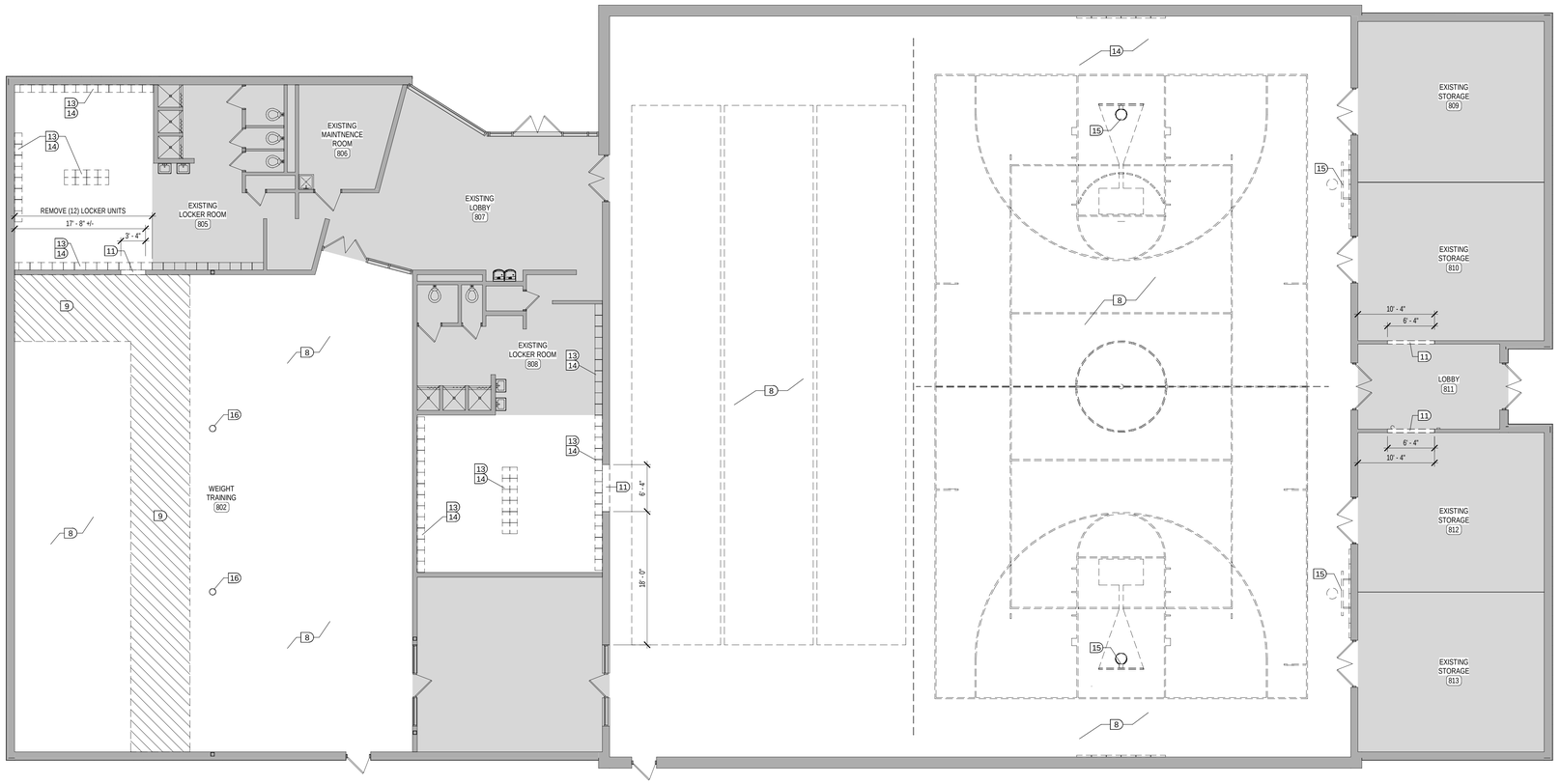
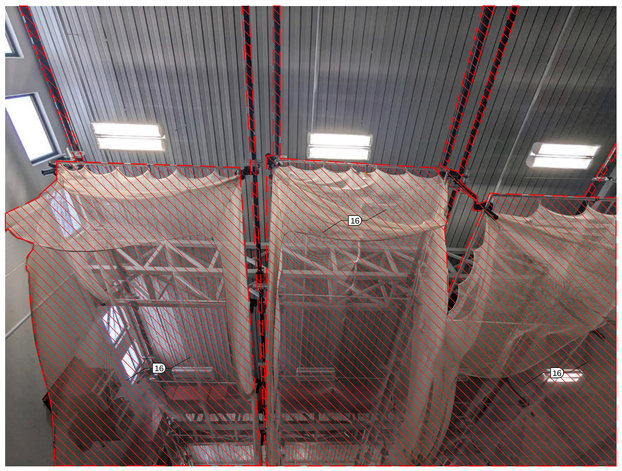


1 800 - DEMOLITION PLAN
1/8" = 1'-0"



2 DEMOLITION - ATHLETIC COMPLEX 01
NO SCALE

3 DEMOLITION - ATHLETIC COMPLEX 02
NO SCALE

GENERAL DEMOLITION NOTES

A. ALL EXISTING SUSPENDED CEILINGS TO BE REMOVED, COORDINATE WITH PHASING PLANS AND MEP WORK.

B. DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.

C. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.

D. CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.

E. INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO THIS RENOVATION PROJECT HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY MEADE COUNTY BOARD OF EDUCATION AND FIELD OBSERVATIONS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON DRAWINGS.

F. REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS AT EXISTING CONDITIONS REQUIRING PARTIAL OR COMPLETE REMOVAL AND/OR MODIFICATION TO COMPONENTS OR ASSEMBLIES PERTAINING TO EXISTING BUILDING STRUCTURE.

G. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.

H. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.

I. WHERE AN EXISTING WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.

J. ALL AREAS LEFT EXPOSED AS A RESULT OF DEMOLITION AND/OR EQUIPMENT REMOVAL SHALL BE PATCHED AND REPAIRED TO RESULT IN A FLUSH SMOOTH SURFACE PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. ANY AREAS / OPENINGS IN MASONRY WALLS LARGER THAN 2" EXPOSED TO VIEW SHALL BE PATCHED WITH SOAPED IN CMU UNITS TOOTHED-IN INTO EXISTING MASONRY.

K. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. CONTRACTOR SHALL SOAP IN NEW CMU TO MATCH EXISTING ADJACENT AREAS.

L. REFER TO MECH/ELEC DRAWINGS FOR SPECIFIC NOTES REGARDING REMOVAL OF EXISTING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

M. REFER TO STRUCTURAL DRAWINGS FOR NEW WORK (I.E. NEW FOOTING, ETC.) WHICH MAY REQUIRE DEMOLITION WORK IN ADDITION TO ITEMS NOTED ON THE ARCHITECTURAL DRAWINGS ALL SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR.

N. REFER TO CIVIL/SITE DRAWINGS FOR ADDITIONAL DEMOLITION OF SITE/CIVIL ITEMS NOT SHOWN.

HAZARDOUS MATERIAL NOTES

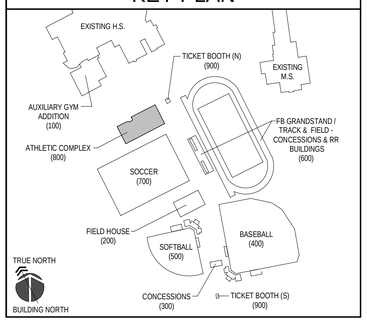
DUE TO THE AGE OF THE EXISTING BUILDING, IT IS POSSIBLE HAZARDOUS MATERIALS MAY EXIST, INCLUDING, BUT NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

1. THE CONTRACTOR IS HEREBY ADVISED THAT SHERMAN-CARTER-BARNHART, PLLC IS NOT A DESIGN PROFESSIONAL IN THE DETERMINATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS SHERMAN-CARTER-BARNHART, PLLC A DESIGN PROFESSIONAL INVOLVED IN MAKING RECOMMENDATIONS REGARDING THE TESTING, REMOVAL, ENCAPSULATION OR OTHER CORRECTIVE MEASURES PERTAINING TO HAZARDOUS MATERIALS.
2. IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED WITH HAZARDOUS MATERIALS.
3. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS IN THE PROJECT.
4. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS OR OTHER HAZARDOUS MATERIALS RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

DEMOLITION KEY NOTES

1. DEMOLISH EXISTING HANDRAILS & GUARDRAILS IN THEIR ENTIRETY.
2. DEMOLISH EXISTING CANOPY STRUCTURE AND COMPONENTS IN THEIR ENTIRETY.
3. REMOVE EXISTING STOOP & STEPS, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
4. REMOVE EXISTING CONCRETE SIDEWALK, REFER TO SITE DEMOLITION DWGS. FOR ADDITIONAL INFORMATION.
5. REMOVE EXISTING ALUMINUM STOREFRONT WINDOW AND/OR DOOR SYSTEM AND COMPONENTS IN ITS ENTIRETY.
6. REMOVE A PORTION OF EXISTING EIFS SOFFIT @ EXTERIOR OF EXISTING CAFETERIA.
7. REMOVE EXISTING SOUND PANELS TO ALLOW FOR NEW OVERHEAD DOOR & COMPONENTS.
8. REMOVE EXISTING FLOOR FINISH, PREPARE FLOOR TO RECEIVE NEW FLOOR FINISH MATERIALS.
9. REMOVE PORTION OF EXISTING FLOOR SLAB & SUBGRADE AS REQUIRED FOR NEW FOUNDATION(S), REFER TO STRUCTURAL DWGS.
10. REMOVE EXISTING ATHLETIC FLOORING SYSTEM, PREPARE FLOOR TO RECEIVE NEW SYNTHETIC TURF SYSTEM.
11. REMOVE PORTION OF EXISTING MASONRY WALL TO CREATE OPENING FOR NEW DOOR & FRAME.
12. EXISTING STEEL COLUMN TO REMAIN.
13. CAREFULLY REMOVE EXISTING DOUBLE TIER LOCKERS AND TURN OVER TO OWNER.
14. REMOVE EXISTING CONCRETE LOCKER BASE.
15. REMOVE EXISTING GYMNASIUM EQUIPMENT AND COMPONENTS IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO THE BASKETBALL GOALS, WALL PADS, AND SUSPENDED BATTING CAGES.
16. REMOVE EXISTING DIVIDER CURTAIN AND COMPONENTS IN THEIR ENTIRETY, TURN OVER TO OWNER.
17. REMOVE EXISTING FIRE EXTINGUISHER TO ALLOW FOR NEW DOOR OPG., REINSTALL FIRE EXTINGUISHER WITHIN SAME ROOM.
18. EXISTING FIRE ALARM STROBE TO REMAIN.
19. REMOVE EXISTING BUILDING AND COMPONENTS IN THEIR ENTIRETY, REFER TO SITE AND MEP DEMOLITION DRAWINGS FOR UTILITIES DEMOLITION INFORMATION.
20. CAREFULLY REMOVE EXISTING PRESS BOX IN ITS ENTIRETY, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
21. REMOVE EXISTING ACCESS STAIRS, HANDRAILS, AND GUARDRAILS, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
22. CAREFULLY REMOVE EXISTING CHAIR-BACK SEATING, PROTECT EXISTING CONCRETE PLANKS TO REMAIN.
23. CONCRETE SUPERSTRUCTURE AND PLANKS TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
24. REMOVE EXISTING CHAIN LINK FENCING AND POST(S).
25. REMOVE EXISTING HOLLOW METAL DOOR(S) AND FRAME IN THEIR ENTIRETY, PROTECT EXISTING MASONRY WALL CONSTRUCTION.
26. EXISTING CMU WALL TO REMAIN, PROTECT DURING DEMOLITION ACTIVITIES.
27. CAREFULLY REMOVE EXISTING BRONZE DEDICATION PLAQUE AND TURN OVER TO OWNER.
28. EXISTING CONCRETE FLATWORK TO REMAIN.
29. EXISTING INTERMEDIATE POURED-IN-PLACE CONCRETE STEP(S) TO REMAIN
30. REMOVE EXISTING ALUMINUM BLEACHER SEATS AND COMPONENTS IN THEIR ENTIRETY.
31. REMOVE EXISTING CMU WALL IN ITS ENTIRETY.

KEY PLAN



DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
- EXISTING WALL / CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED - FULL HEIGHT U.N.O. SEE SELECTIVE DEMOLITION NOTES
- EXISTING DOOR / DOOR & FRAME TO REMAIN
- EXISTING DOOR / DOOR & FRAME TO BE REMOVED, U.N.O.
- LIMITED TO NO ARCHITECTURAL WORK. EXISTING FINISHES TO REMAIN U.N.O. REFER TO MEP FOR MEP WORK THAT MAY BE REQUIRED.

SHERMAN CARTER BARNHART ARCHITECTS

NICOLE FRESH WHITFIELD REGISTERED ARCHITECT NO. 33334 COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETIC COMPLEX DEMOLITION PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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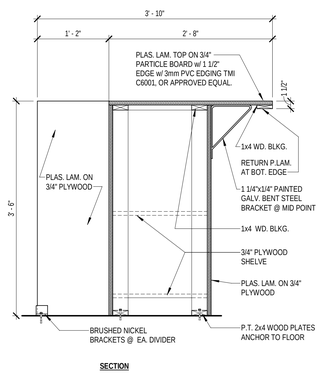
REVISIONS

No.	Description	Date

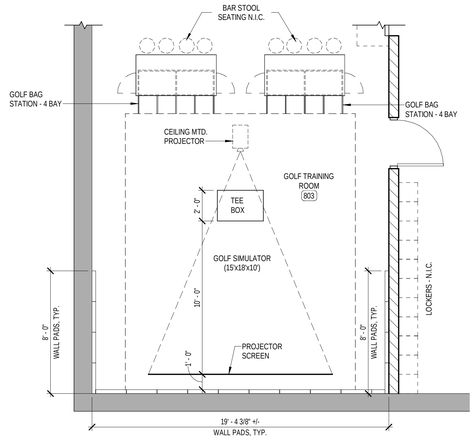
SHEET

A8.0

1 800 - NEW WORK FLOOR PLAN
1/8" = 1'-0"



3 GOLF BAG STATION
1" = 1'-0"



2 800 - NEW WORK ENLARGED FLOOR PLAN
1/4" = 1'-0"

CASEWORK NOTES

TYPICAL CASEWORK MODEL NUMBERS SHOWN ARE TMI SYSTEMS DESIGN CORP. (PHONE NO. 1-800-456-6716) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS THE BASIS FOR EQUAL PRODUCTS. HEIGHT INDICATED IS TO TOP OF COUNTERTOP.

XXXX — TMI MODEL #
WxHxD — WIDTHxHEIGHTxDEPTH (T.O. WALL CABINET)

A. MOUNT ALL CASEWORK PER ADA GUIDELINES AND ANSI A117.1-2009.

B. MOUNT TOP OF UPPER WALL CABINETS @ 7'-0" A.F.F., U.N.O.

C. ALL BASE CABINETS, DRAWER CABINETS, AND KNEESPACE COUNTERTOPS SHALL HAVE PLASTIC LAMINATE ON 3/4" PLYWOOD SUBSTRATE (MIN.).

D. PROVIDE INFILL PANELS AS REQUIRED TO CONCEAL VOIDS @ ALL CABINETS INDICATED.

E. ALL WALL AND BASE CABINETS SHALL HAVE LOCKS ON DOORS AND DRAWERS. PROVIDE ONE KEY SYSTEM PER ROOM AND ONE MASTER KEY.

GENERAL NOTES

1. (OF-CI) OWNER FURNISHED CONTRACTOR INSTALLED.
2. EXISTING TO REMAIN INTERIOR WALLS THAT ARE EXPOSED IN AREAS OF RENOVATION TO BE CLEANED, REPAIRED, PRIMED, AND PAINTED FOR LIKE NEW FINISH.
3. DO NOT SCALE DWGS, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. INTERIOR MASONRY CONTROL JOINTS TO OCCUR EVERY 30'-0" MAX.
5. NOTE: MARKER BOARD (MB) AND TACK BOARD (TB) INDICATE WIDTH AND ARE TO BE 48" H.

FLOOR PLAN KEYNOTES

1. OWNER PROVIDED FURNITURE OR EQUIPMENT (N.I.C.).
2. LINE OF SOFFIT / BULKHEAD ABOVE, REFER TO REFLECTED CEILING PLAN.
3. PRE-MFR, PRE-FIN SUSPENDED ALUMINUM CANOPY. REFER TO DETAIL 11/A4.2.
4. EXTERIOR CONCRETE WALK, REFER TO SITE DRAWINGS.
5. HIGH / LOW ADA COMPLIANT WATER COOLER UNIT, REFER TO MECH. / ELEC. DRAWINGS.
6. MOP SINK. REFER TO PLUMBING DRAWINGS.
7. KNOX-BOX RECESSED IN BRICK, REFER TO DOOR HARDWARE SPECIFICATIONS.
8. FLOOR TRANSITION. REFER TO SHEET A8.1 FOR DETAILS.
9. SHIP'S LADDER, REFER TO DETAIL 18/A0.3.
10. DIVIDER CURTAIN, MOTORIZED OPERATOR, REFER TO ELEC. DWGS.
11. 7' - 0" TALL X 2" THICK WALL PAD WITH WOOD BACKING. ATTACH TO WALLS / COLUMNS WITH MANUFACTURER'S STANDARD "Z" CLIP SYSTEM.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. 6'-0" TALL SHATTER PROOF WALL MIRRORS, SEE PLAN FOR EXTENTS.
14. LED SCREEN, N.I.C.
15. 4'-0" HIGH MARKER BOARD. MOUNT BOTTOM AT 2'-8" A.F.F.
    A. 12'-0" WIDE
    B. 8'-0" WIDE
    C. 6'-0" WIDE
    D. 4'-0" WIDE
    NOTE: MARKER BOARDS ARE OWNER PROVIDED, CONTRACTOR INSTALLED, TYP.
16. METAL ATHLETIC LOCKERS:
    A. 24"W X 22"
    B. 12"W X 22", DOUBLE TIER.
17. WALL MOUNTED COUNTERTOP.

SYMBOL LEGEND

- XXX X — ROOM FINISH GROUPS (REFER TO KEY PLAN SHEETS); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — KEY NOTES (SHEETS A1.3 THROUGH A2.8)
- X — WALL TYPE (SCHEDULE SHEET A0.1)
- A — ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.2)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.7)
- X — ELEVATION KEY NOTE (SHEETS A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1 THROUGH A7.7)
- X — SIGNAGE KEY NOTE (REFER TO KEY PLAN SHEETS)
- X — WALL / PARTITION DESIGNATION
  FW2 2 HOUR RATED FIRE WALL
  EFW2 EXISTING 2 HOUR RATED FIRE WALL
- MASONRY CONTROL JOINT FULL HEIGHT OF WALL. REFER TO FLOOR PLANS AND EXTERIOR ELEVATION A3.1 FOR LOCATIONS

ROOF SYMBOLS LEGEND

ROOF ASSEMBLY - TYPE 'A'
THERMOPLASTIC POLYOLEFIN SINGLE PLY MEMBRANE ROOFING OVER 7/16" COVER DECK OVER (4) LAYERS OF 1.1.2" RIGID POLYISOCYANURATE INSULATION STAGGERED (6" THICKNESS) ON METAL DECK. PROVIDE FINISHED 1/4" SLOPE PER 1'-0".

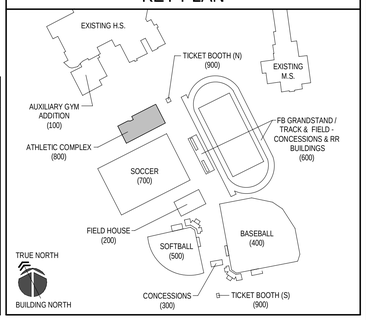
ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PRE-INSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 3:12.

ROOF ASSEMBLY - TYPE 'C'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED ROOF DECKING OVER LIGHT. GA. METAL TRUSSES.

ROOF ASSEMBLY - TYPE 'D'
STANDING SEAM METAL ROOF SYSTEM OVER SINGLE LAYER OF CONTINUOUS ICE & WATER SHIELD ON SPECIFIED PLYWOOD SHEATHING OVER WD. RAFTERS.

- INDICATES 2HR FIRE WALL, SEE PLAN A1.1.
- INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
- APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
- DS — DOWNSPOUT.
- SC — SCUPPER AND CONDUCTOR HEAD.
- EDS — EXISTING DOWNSPOUT.
- RD — ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 1/A4.2.
- VTR — VENT THRU ROOF, REFER TO DETAIL 2/A4.2.
- RTU — ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND TYP. MECH. CURB DETAIL ON SHEET A0.2.
- EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KENTUCKY LICENSED PROFESSIONAL ARCHITECTS — NICOLE FRESH — NO. 29844 — 2323 - 5687 — CHRISTOPHER M. SMITH — NO. 29844 — 2323 - 5687

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETIC COMPLEX NEW WORK PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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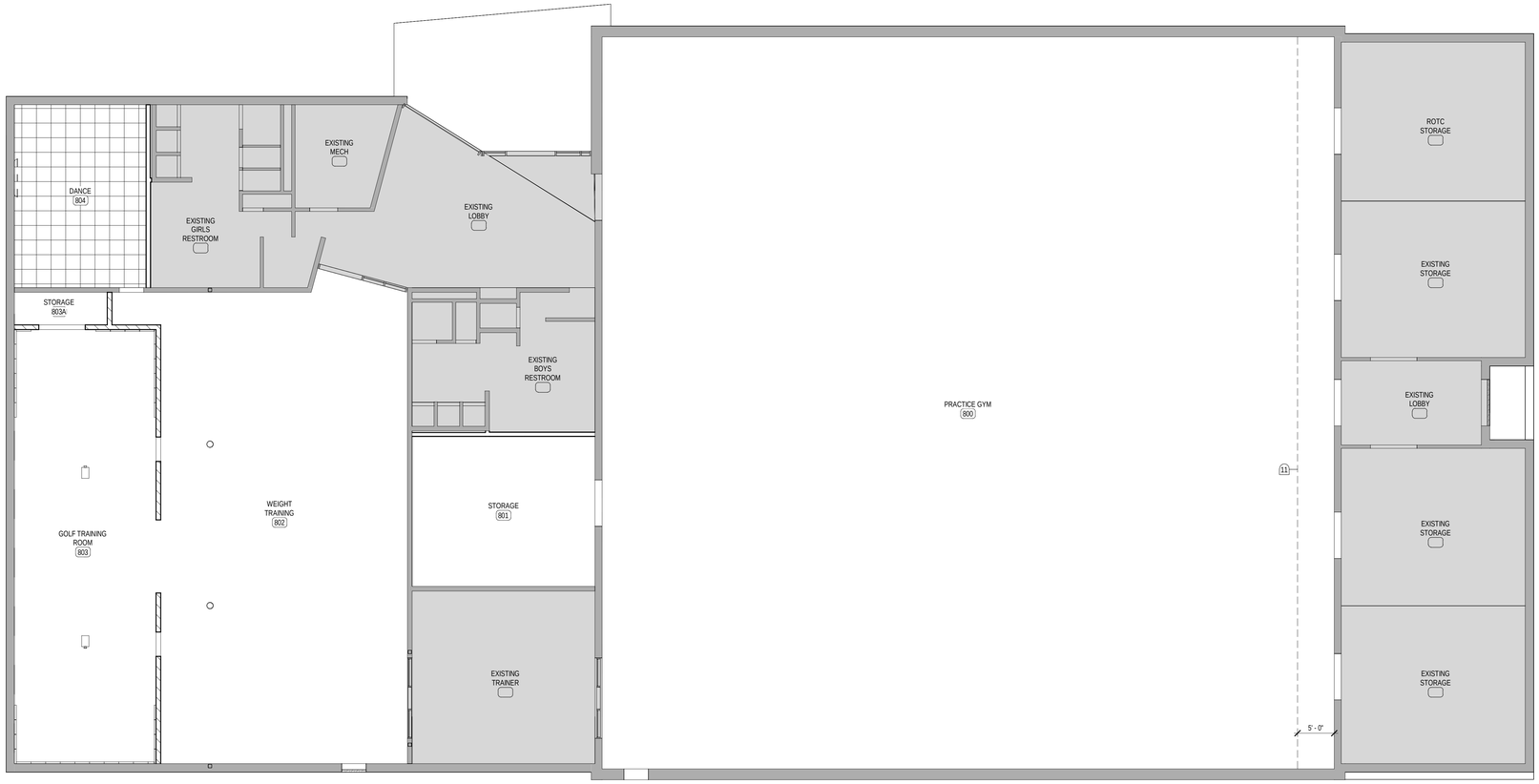
REVISIONS

No.	Description	Date

SHEET

A8.1



1 800 - REFLECTED CEILING PLAN
1/8" = 1'-0"

RCP KEYNOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE, PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. ALIGN EDGE OF NEW GYP BD. SOFFIT WITH ADJACENT WALL.
8. 4'-0" HIGH ACOUSTICAL WALL PANELS BOTTOM OF PANEL @ 16'-0" AFF.
9. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAIL 3/A7.7.
10. INTERIOR GYP. BD. BULKHEAD, PAINT. REFER TO DETAIL 5/A7.7.
11. OVERHEAD ELECTRICALLY OPERATED ARCHERY CURTAIN.

RCP GENERAL NOTES

R1 ⌒ = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

REFLECTED CEILING LEGEND

X' - X" CEILING HEIGHT, A.F.F.
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

GYPSUM BOARD SOFFIT OR BULKHEAD @ 8' - 8" A.F.F. U.N.O., PAINT.

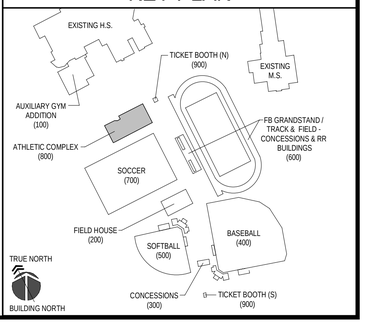
LINEAR METAL CEILING.

EXISTING BUILDING TO REMAIN.

PAINTED, 5/8" EXTERIOR GRADE PLYWOOD

NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

KYLE M. SMITH LICENSED PROFESSIONAL ARCHITECT NO. 32329 STATE OF KENTUCKY

MCELFRESH ARCHITECTURAL SERVICES, PLLC CERTIFICATE OF AUTHORIZATION NO. 5884 COMMONWEALTH OF KENTUCKY

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETIC COMPLEX REFLECTED CEILING PLAN

JOB NO.	2459
DATE	3/24/2026
DRAWN	CAH
CHECKED	RJV , ASC

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REVISIONS

No.	Description	Date

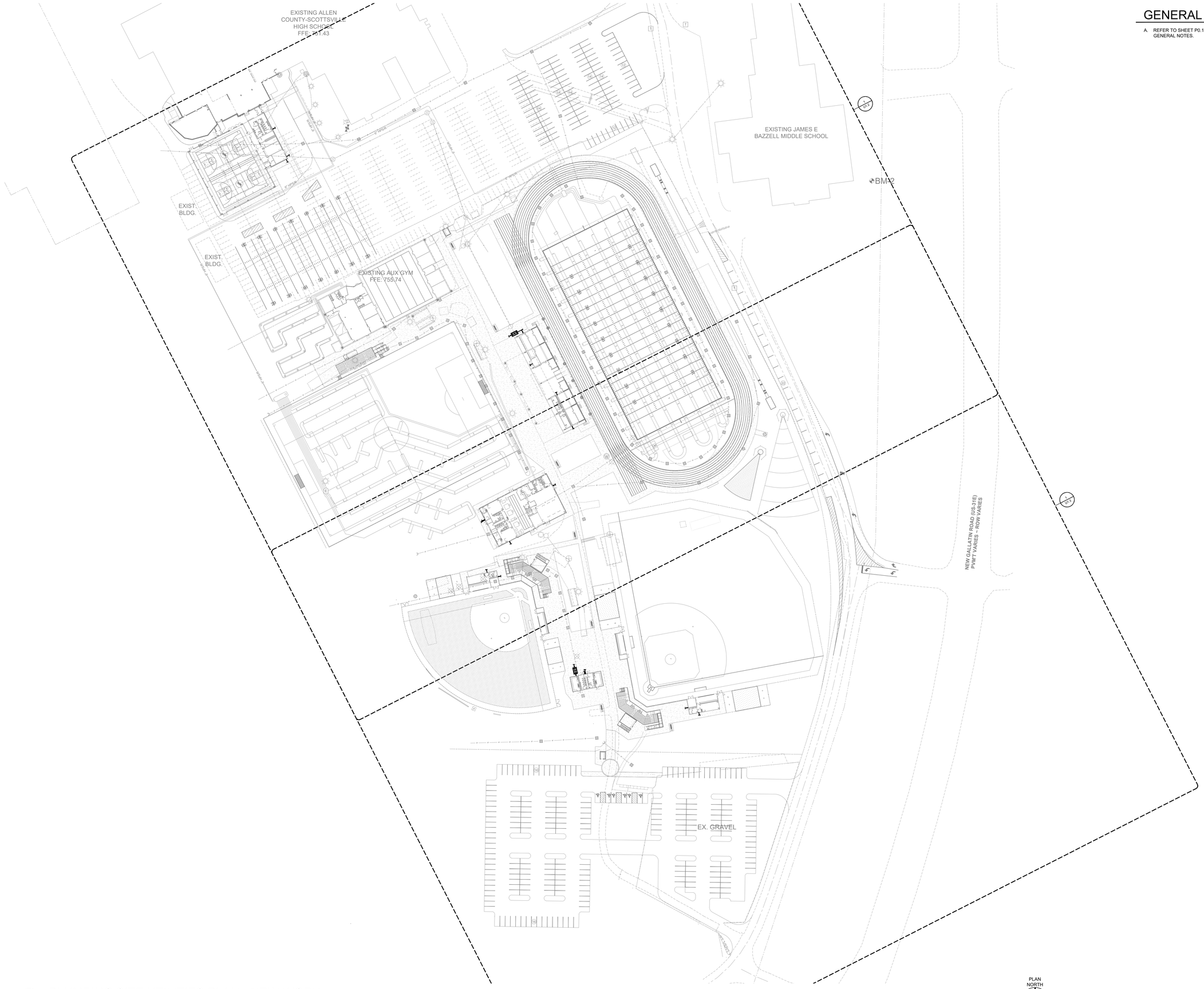
SHEET

A8.2

2459
ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
3/24/2026 12:19:49 PM

GENERAL NOTES:

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.



1 PLUMBING SITE UTILITIES PLAN - NEW WORK

SCALE: 1"=60'-0"

0 60' 120'

PLAN NORTH

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 37774 LICENSED PROFESSIONAL ENGINEER 03/24/26

SHROUT TATE WILSON MECHANICAL AND ELECTRICAL ENGINEERS
Lexington | Louisville | Charleston | www.stweng.com

ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING SITE UTILITIES PLAN - NEW WORK

JOB NO.	2459
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DRAWN	BRN
CHECKED	NCM

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REVISIONS

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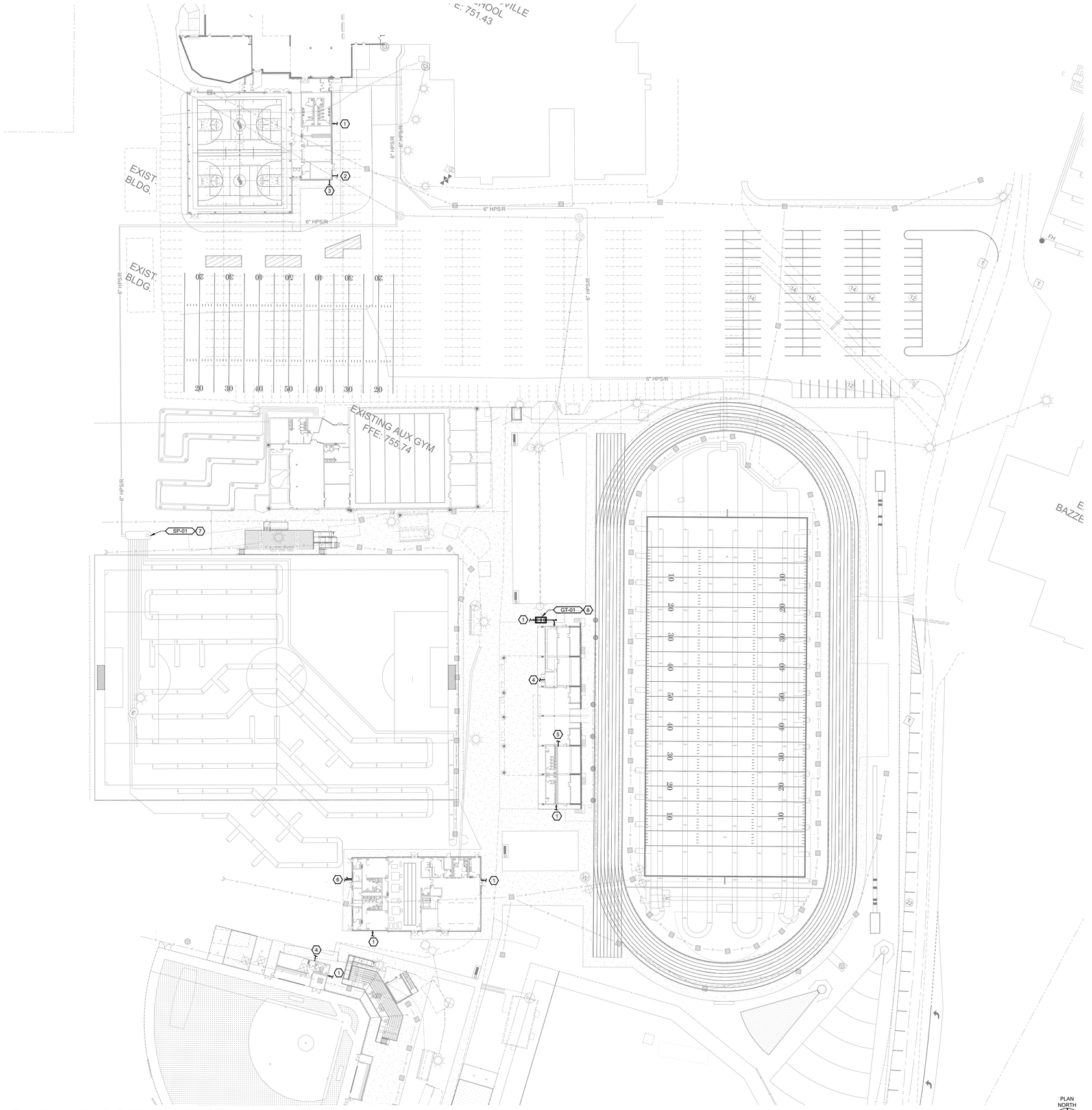
SHEET

U1.1



1 PLUMBING SITE UTILITIES PLAN - NEW WORK

SCALE: 1"=40'-0"

0 40' 80'

PLAN NORTH

GENERAL NOTES:

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES:

1. 4" SANITARY SEWER EXIT FROM BUILDING. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATION.
2. 2" NATURAL GAS ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATION.
3. 4" FIRE PROTECTION ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
4. 1-1/2" DOMESTIC WATER ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
5. 2" DOMESTIC WATER ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
6. 3" DOMESTIC WATER ENTRANCE AND 2" NATURAL GAS ENTRANCE INTO CENTRAL MECHANICAL ROOM. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
7. INSTALL SUMP PUMP IN GEOTHERMAL VAULT. REFER TO MECHANICAL SITE UTILITIES DRAWINGS.
8. 1000 GALLON GREASE TRAP. SEE DETAIL SHEET U1.4 FOR INSTALLATION DETAILS. GREASE TRAP INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINES.

Kentucky 811

"KY BUD" BEFORE YOU DIG: (811)

UNDERGROUND UTILITY LOCATIONS WERE DETERMINED FROM SITE SURVEY AND VISUAL INSPECTION OF THE PROPERTY AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CONTACT ALL INDIVIDUAL UTILITY COMPANIES AND "KY BUD" PRIOR TO BEGINNING ANY EXCAVATION.

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 37771 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING SITE UTILITIES PLAN - NEW WORK

JOB NO.	2459
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CHECKED	NCM

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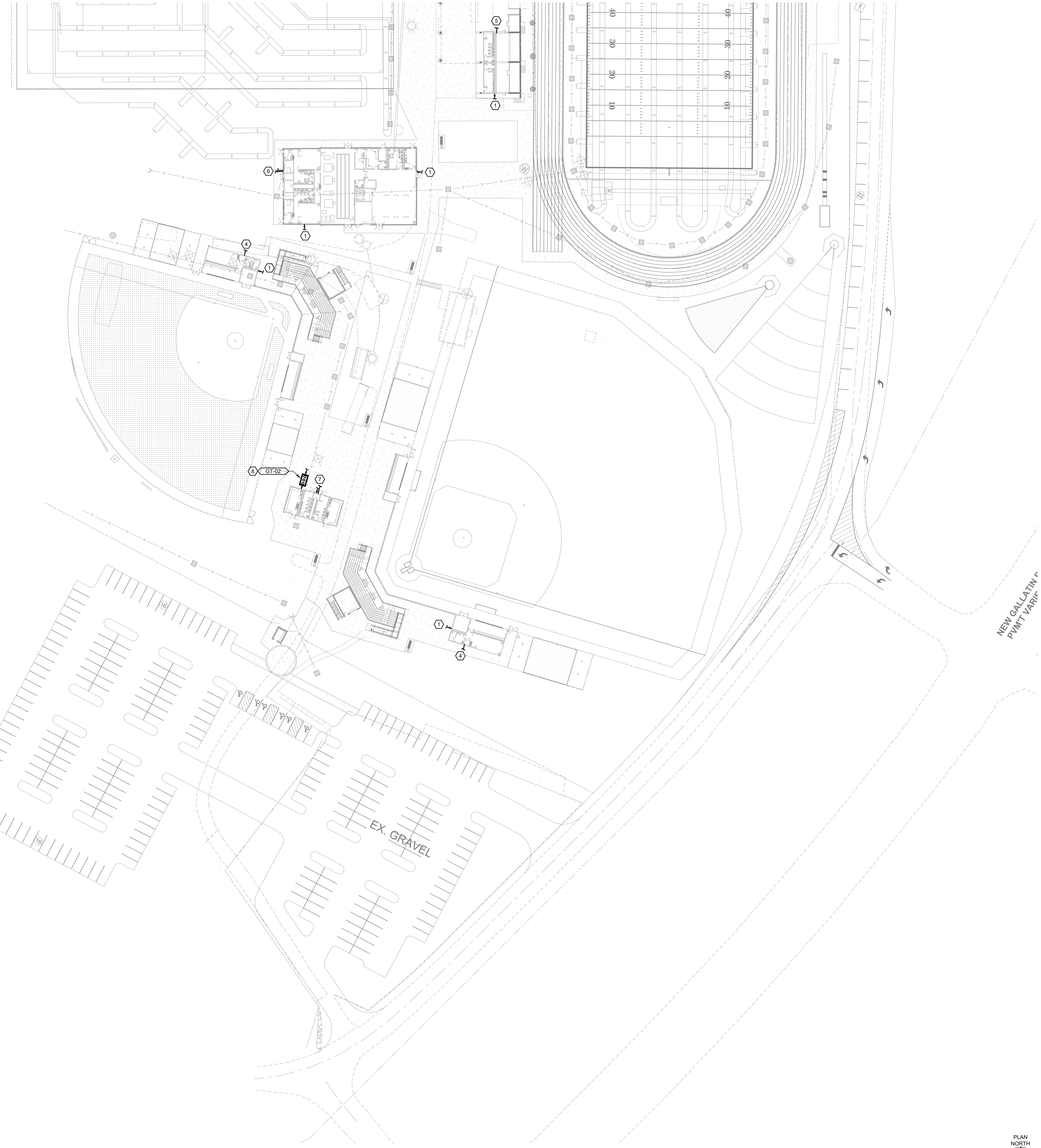
REVISIONS

No.	Description	Date

SHEET

U1.2



1 PLUMBING SITE UTILITIES PLAN - NEW WORK

SCALE: 1"=40'-0"

0 40' 80'

PLAN NORTH

GENERAL NOTES:

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

⬡ SHEET KEYNOTES:

1. 4" SANITARY SEWER EXIT FROM BUILDING. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATION.
2. NOTE NOT USED.
3. NOTE NOT USED.
4. 1-1/2" DOMESTIC WATER ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
5. 2" DOMESTIC WATER ENTRANCE. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
6. 3" DOMESTIC WATER ENTRANCE AND 2" NATURAL GAS ENTRANCE INTO CENTRAL MECHANICAL ROOM. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
7. 2" DOMESTIC WATER ENTRANCE INTO CENTRAL MECHANICAL ROOM AND 4" SANITARY SEWER EXIT FROM BUILDING. REFER TO PLUMBING PLANS FOR MORE INFORMATION. REFER TO CIVIL SITE UTILITIES PLAN FOR FINAL CONNECTION LOCATIONS.
8. 1000 GALLON GREASE TRAP. SEE DETAIL SHEET U1.4 FOR INSTALLATION DETAILS. GREASE TRAP INSTALLATION SHALL BE COORDINATED WITH OTHER DISCIPLINES.

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY ★ BRADLEY NATION 37713 ★ LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING SITE UTILITIES PLAN - NEW WORK

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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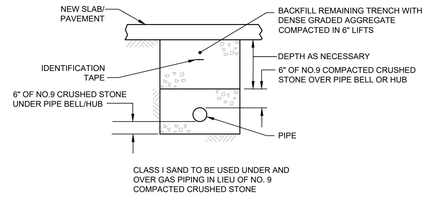
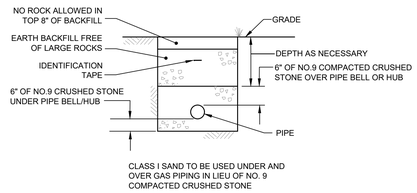
U1.3



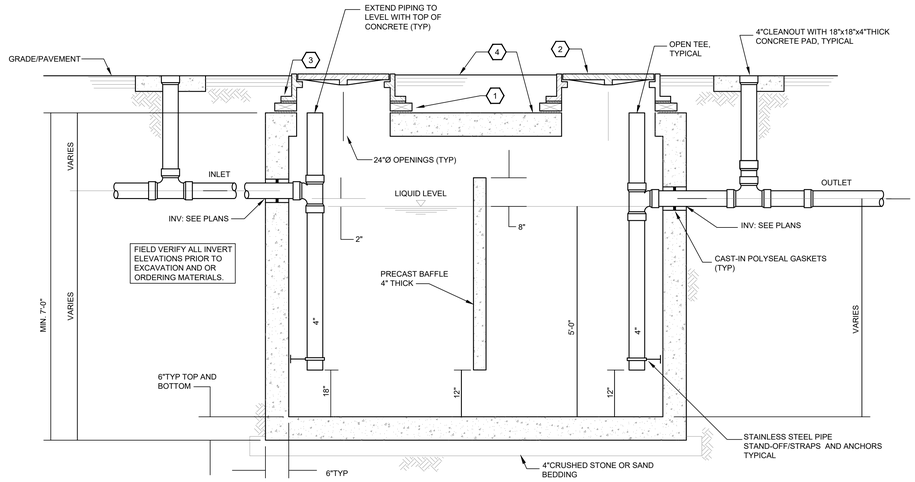
TRENCH DETAIL FOR NEW SLAB/PAVEMENT

NOT TO SCALE



TRENCH DETAIL FOR EARTH COVER

NOT TO SCALE



DETAIL NOTES:

1. CONCRETE ADJUSTING SECTION(S) AS REQUIRED TO MEET GRADE. SEAL TO TOP OF VAULT WITH BUTYL MASTIC.
2. HEAVY DUTY MANHOLE FRAME W/ 24"Ø GASKETED LID, CONCEALED PICK HOLES, "GREASE TRAP" LETTERING IN LID, VULCAN V-1348 HEAVY DUTY 260 LBS OR EQUAL.
3. SET MANHOLE FRAME IN BUTYL MASTIC, CAP WITH CONCRETE GROUT TO TOP OF RCP, TYPICAL.
4. INSTALL GREASE TRAP LEVEL. INSTALL MANHOLES SO THAT PAVEMENT SLOPES AWAY FROM MANHOLES AT 1/8"/FT±.

SPECIFICATIONS

- CONCRETE - 4500 PSI @ 28 DAYS
- REINFORCEMENT -
  TANK: TOP & BOTTOM
  6x6x10 WIRE MESH
  #4 STEEL, REINFORCING BAR ON 20" CENTERS
  TANK SIDES: #04 REINFORCING BAR ON 20" CENTERS
  #12 TWISTED CABLE

GENERAL NOTE:

1. GREASE TRAP SHALL BE CONSTRUCTED AND INSTALLED PER CITY OF SCOTTSVILLE LATEST STANDARDS AND REQUIREMENTS.

1,000 GALLON GREASE TRAP DETAIL FOR HEAVY TRAFFIC

NOT TO SCALE

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STATE OF KENTUCKY BRADLEY NATION 27771 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING SITE UTILITIES DETAILS

JOB NO.	2459
DATE	3/24/2026
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SHEET

U1.4

GENERAL NOTES:

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

1 MECHANICAL SITE UTILITIES PLAN - DEMOLITION

SCALE: 1"=60'-0"

0 60' 120'

PLAN NORTH

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SCOTTSVILLE, KENTUCKY

MECHANICAL SITE UTILITIES PLAN - DEMOLITION

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SHEET

U2.1

GENERAL NOTES:

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES:

1. DEMOLISH EXISTING 6" POLYETHYLENE GEOTHERMAL LATERALS BACK TO POINT INDICATED. REFER TO NEW WORK PLANS.
2. DEMOLISH EXISTING GEOTHERMAL VAULT AND ASSOCIATED PIPING UP TO POINTS INDICATED. REFER TO NEW WORK PLANS.

Kentucky 811

"KY BUD" BEFORE YOU DIG: (811)

UNDERGROUND UTILITY LOCATIONS WERE DETERMINED FROM SITE SURVEY AND VISUAL INSPECTION OF THE PROPERTY AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CONTACT ALL INDIVIDUAL UTILITY COMPANIES AND "KY BUD" PRIOR TO BEGINNING ANY EXCAVATION.

1 MECHANICAL SITE UTILITIES PLAN - DEMOLITION

SCALE: 1"=40'-0"

0 40' 80'

PLAN NORTH

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SCOTTSVILLE, KENTUCKY

MECHANICAL SITE UTILITIES PLAN - DEMOLITION

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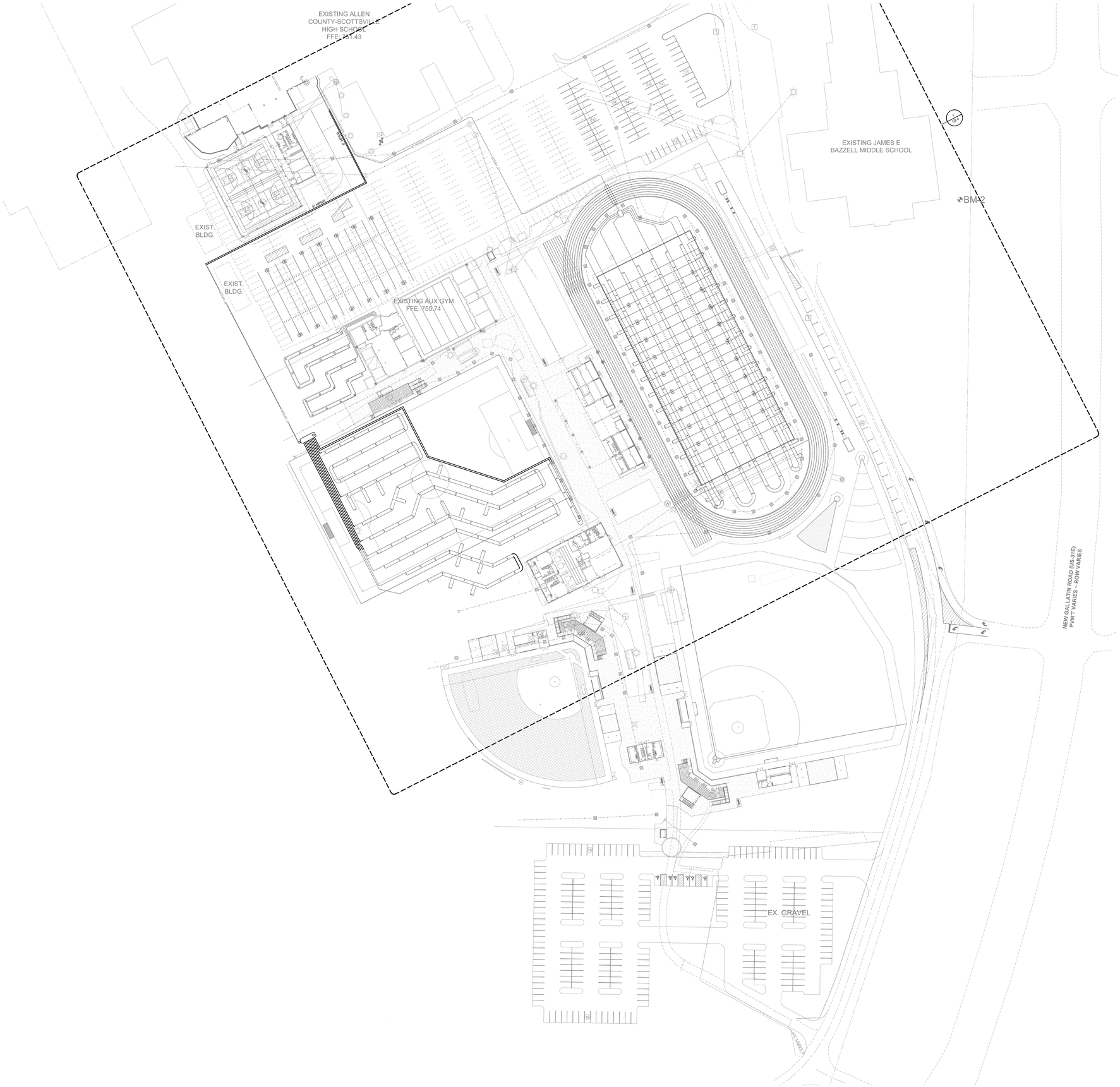
U2.2

GENERAL NOTES:

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.



1 MECHANICAL SITE UTILITIES PLAN - NEW WORK
SCALE: 1"=60'-0"

0 60' 120'

PLAN NORTH

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STATE OF KENTUCKY
BRADLEY NATION
37774
PROFESSIONAL ENGINEER
03/20/26

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ATHLETIC FIELDS & FACILITIES
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MECHANICAL SITE UTILITIES PLAN - NEW WORK

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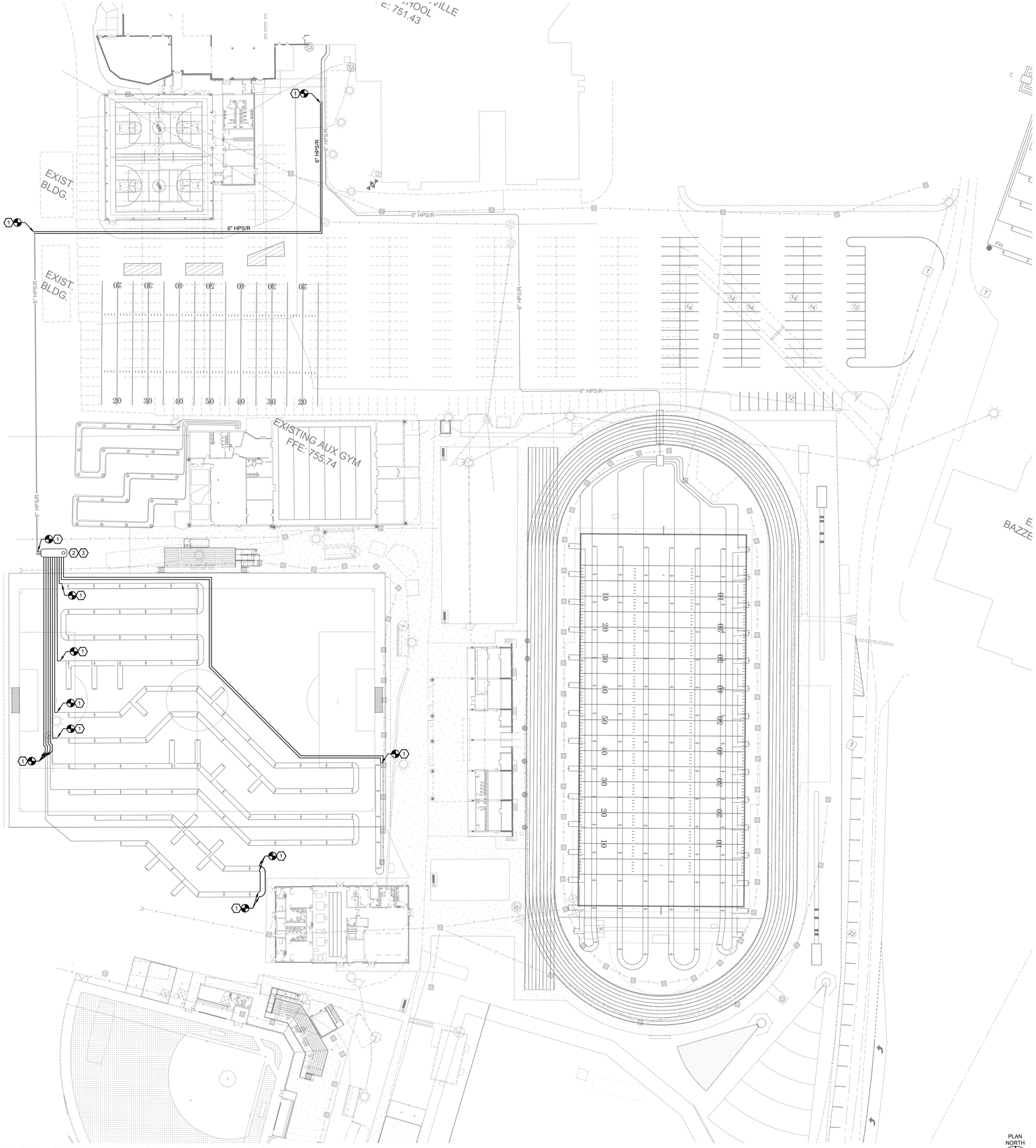


1 MECHANICAL SITE UTILITIES PLAN - NEW WORK

SCALE: 1"=40'-0"

0 40' 80'

PLAN NORTH

GENERAL NOTES:

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

B. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE GEOTHERMAL WELL FIELD AND LATERALS WITH ALL OF THE OTHER PROPOSED SITE UTILITIES AND SITE DRAINAGE PRIOR TO INSTALLATION.

C. CONTRACTOR UNDER THIS SCOPE SHALL BRING THE DISTURBED AREAS OF WELL FIELD AND LATERALS BACK TO WITHIN 12" OF FINAL GRADE. COORDINATE WITH CIVIL PLANS.

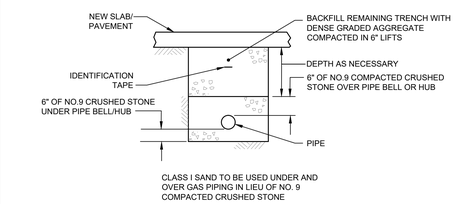
SHEET KEYNOTES:

1. PROVIDE NEW 6" POLYETHYLENE GEOTHERMAL LATERALS BACK TO POINT INDICATED.
2. GEOTHERMAL VAULT. VAULT NOT DRAWN TO SCALE. CONNECT NEW LATERALS TO POINTS INDICATED.
3. PROVIDE 2" SUMP PUMP DISCHARGE INTO MAIN HYDRONICS TRENCH.

Kentucky 811

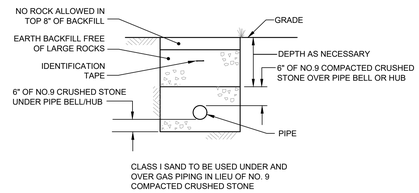
"KY BUD" BEFORE YOU DIG: (811)

UNDERGROUND UTILITY LOCATIONS WERE DETERMINED FROM SITE SURVEY AND VISUAL INSPECTION OF THE PROPERTY AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CONTACT ALL INDIVIDUAL UTILITY COMPANIES AND "KY BUD" PRIOR TO BEGINNING ANY EXCAVATION.



TRENCH DETAIL FOR NEW SLAB/PAVEMENT

NOT TO SCALE



TRENCH DETAIL FOR EARTH COVER

NOT TO SCALE

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

MECHANICAL SITE UTILITIES PLAN - NEW WORK

JOB NO.	2459
DATE	3/24/2026
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REVISIONS

No.	Description	Date

SHEET

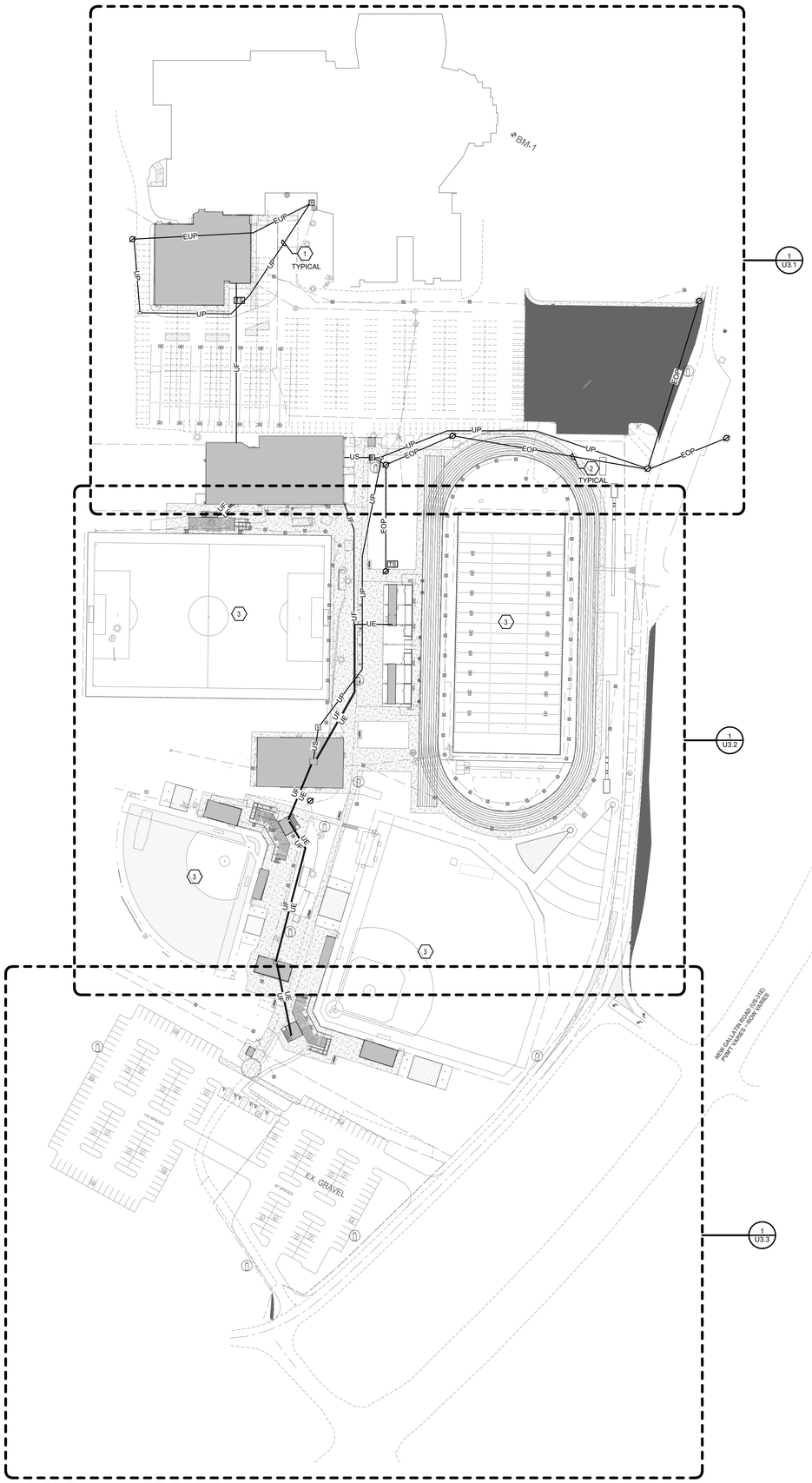
U2.4

GENERAL NOTES

1. REFER TO SHEETS E0.1 AND E0.2 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

⬡ SHEET KEYNOTES

1. REFER TO PARTIAL SITE PLANS FOR ADDITIONAL INFORMATION ON NEW UNDERGROUND POWER AND FIBER UTILITIES (TYPICAL).
2. REFER TO PARTIAL SITE PLANS FOR ADDITIONAL INFORMATION ON EXISTING UNDERGROUND UTILITIES SHOWN TO BE REMOVED (TYPICAL).
3. ROUTE ALL CONDUIT AROUND FIELD. NO CONDUIT SHALL BE ROUTED UNDER FIELD UNLESS SPECIFICALLY NOTED OTHERWISE.



1 OVERALL ELECTRICAL SITE PLAN
SCALE: 1" = 80'-0"

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ELECTRICAL SITE PLAN

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DATE	3/24/2026
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U3.0

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
U3.0 ELECTRICAL SITE PLAN.dwg
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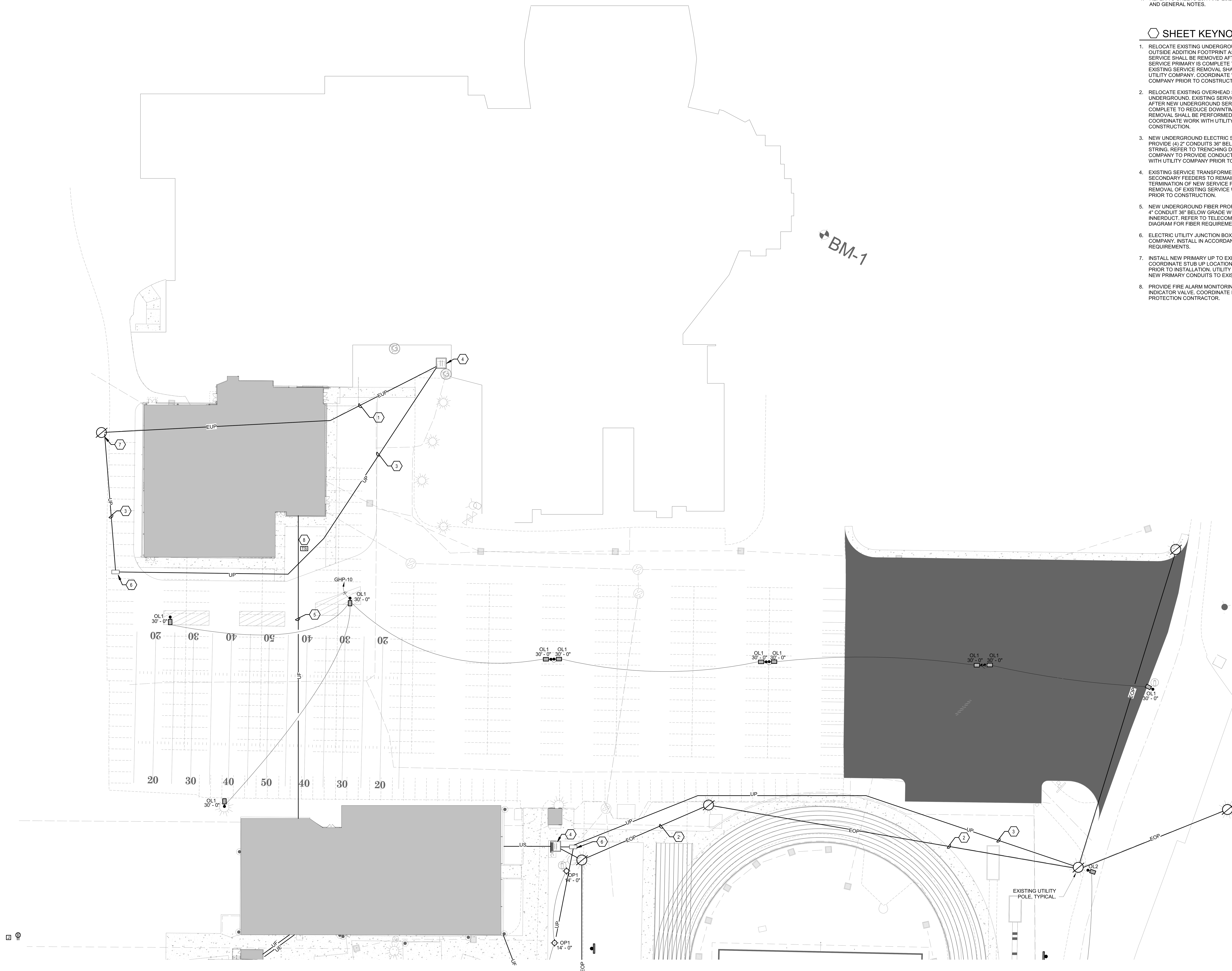

1 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

GENERAL NOTES

1. REFER TO SHEETS E0.1 AND E0.2 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. RELOCATE EXISTING UNDERGROUND SERVICE PRIMARY TO OUTSIDE ADDITION FOOTPRINT AS INDICATED. EXISTING SERVICE SHALL BE REMOVED AFTER NEW UNDERGROUND SERVICE PRIMARY IS COMPLETE TO REDUCE DOWNTIME. EXISTING SERVICE REMOVAL SHALL BE PERFORMED BY THE UTILITY COMPANY. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
2. RELOCATE EXISTING OVERHEAD SERVICE PRIMARY TO UNDERGROUND. EXISTING SERVICE SHALL BE REMOVED AFTER NEW UNDERGROUND SERVICE PRIMARY IS COMPLETE TO REDUCE DOWNTIME. EXISTING SERVICE REMOVAL SHALL BE PERFORMED BY THE UTILITY COMPANY. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
3. NEW UNDERGROUND ELECTRIC SERVICE PRIMARY FEEDERS: PROVIDE (4) 2" CONDUITS 36" BELOW GRADE W/ PULL STRING. REFER TO TRENCHING DETAIL. ELECTRIC UTILITY COMPANY TO PROVIDE CONDUCTORS. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
4. EXISTING SERVICE TRANSFORMER AND SERVICE SECONDARY FEEDERS TO REMAIN. COORDINATE TERMINATION OF NEW SERVICE PRIMARY CONDUIT AND REMOVAL OF EXISTING SERVICE WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
5. NEW UNDERGROUND FIBER PROPOSED ROUTE: PROVIDE (1) 4" CONDUIT 36" BELOW GRADE WITH 4-CELL FABRIC INNERDUCT. REFER TO TELECOMMUNICATIONS RISER DIAGRAM FOR FIBER REQUIREMENTS.
6. ELECTRIC UTILITY JUNCTION BOX. FURNISHED BY UTILITY COMPANY. INSTALL IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
7. INSTALL NEW PRIMARY UP TO EXISTING UTILITY POLE. COORDINATE STUB UP LOCATION WITH UTILITY COMPANY PRIOR TO INSTALLATION. UTILITY COMPANY TO CONNECT NEW PRIMARY CONDUITS TO EXISTING RISER CONDUITS.
8. PROVIDE FIRE ALARM MONITORING CONNECTIONS TO POST INDICATOR VALVE. COORDINATE EXACT LOCATION WITH FIRE PROTECTION CONTRACTOR.

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STATE OF KENTUCKY
JUSTIN W. HUSTON
33607
LICENSED PROFESSIONAL ENGINEER
03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PARTIAL ELECTRICAL SITE PLAN

JOB NO.	2459
DATE	3/24/2026
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SHEET

U3.1

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U3.1 PARTIAL ELECTRICAL SITE PLAN
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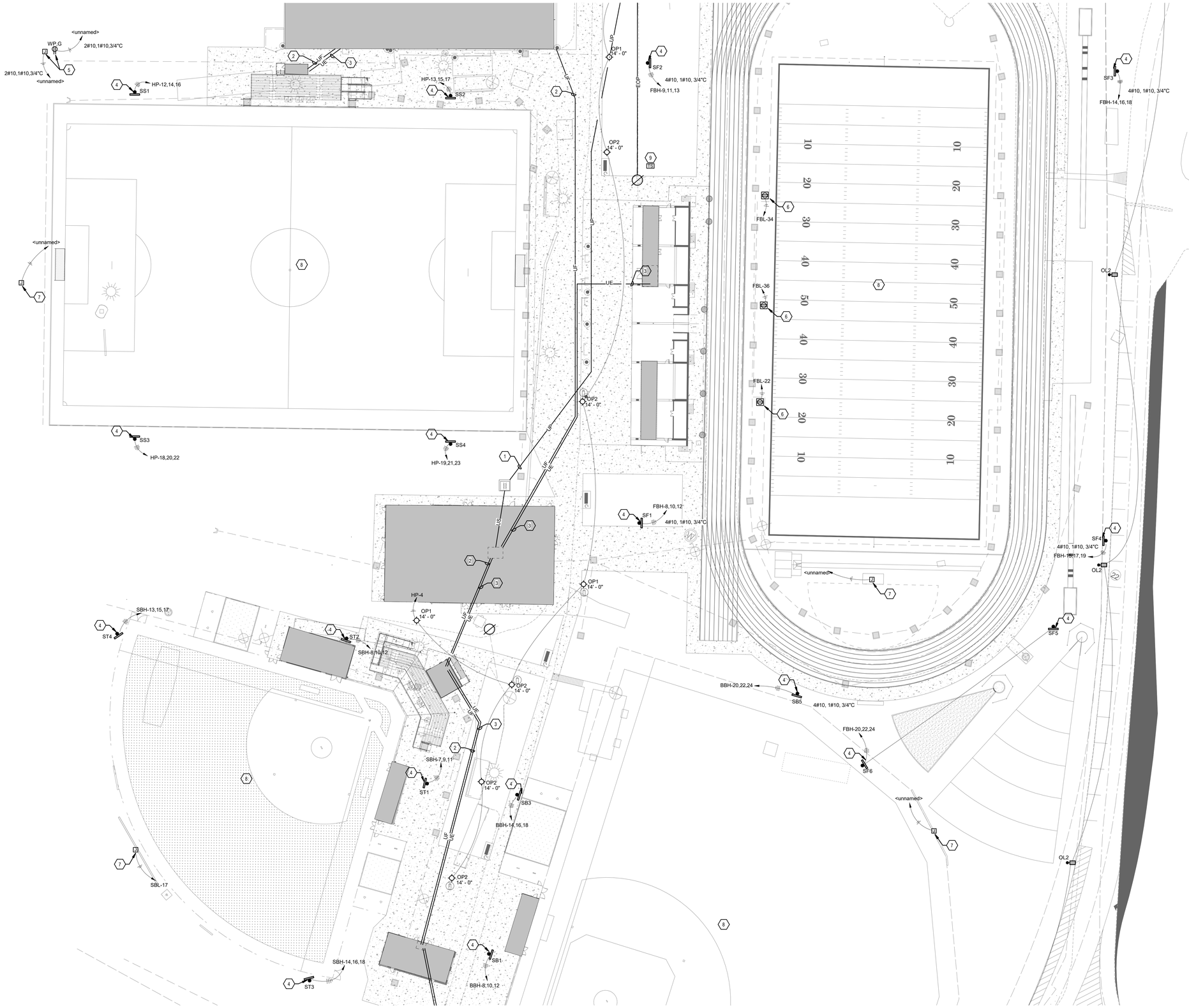
GENERAL NOTES

A. REFER TO SHEETS E0.1 AND E0.2 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. NEW UNDERGROUND ELECTRIC SERVICE PRIMARY FEEDERS: PROVIDE (4) 2" CONDUITS 36" BELOW GRADE W/ PULL STRING. REFER TO TRENCHING DETAIL. ELECTRIC UTILITY COMPANY TO PROVIDE CONDUCTORS. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
2. NEW UNDERGROUND FIBER PROPOSED ROUTE: PROVIDE (1) 4" CONDUIT 36" BELOW GRADE WITH 4-CELL FABRIC INNERDUCT. REFER TO TELECOMMUNICATIONS RISER DIAGRAM FOR FIBER REQUIREMENTS.
3. NEW UNDERGROUND ELECTRICAL FEEDERS. REFER TO THE POWER DISTRIBUTION ONE-LINE DIAGRAM FOR CONDUIT AND WIRE SIZE AND QUANTITY. PROVIDE CONDUIT MIN 36" BELOW GRADE AND PER TRENCHING DETAIL.
4. PROVIDE SPECIALTY SPORTS POLE MOUNTED LIGHT FIXTURE. ROUTE CIRCUIT THROUGH SPORTS LIGHT CONTROL PANEL. REFER TO SPECIFICATIONS.
5. PROVIDE POWER CONNECTION TO GEOTHERMAL WELL FIELD VAULT SUMP PUMP LOCATED IN VAULT. REFER TO MECHANICAL DRAWINGS. COORDINATE WITH GEOTHERMAL CONTRACTOR.
6. PROVIDE IN-GRADE RECEPTACLE BOX. IP66 WITH INSERT COVER TO MATCH SURROUNDING GRADE.
7. SCOREBOARD POWER CONNECTION. COORDINATE WITH SCOREBOARD SHOP DRAWINGS.
8. ROUTE ALL CONDUIT AROUND FIELD. NO CONDUIT SHALL BE ROUTED UNDER FIELD UNLESS SPECIFICALLY NOTED OTHERWISE.
9. PROVIDE FIRE ALARM MONITORING CONNECTIONS TO POST INDICATOR VALVE. COORDINATE EXACT LOCATION WITH FIRE PROTECTION CONTRACTOR.



1 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

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SCOTTSVILLE, KENTUCKY

PARTIAL ELECTRICAL SITE PLAN

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1 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

GENERAL NOTES

A. REFER TO SHEETS E0.1 AND E0.2 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. NEW UNDERGROUND ELECTRIC SERVICE PRIMARY FEEDERS: PROVIDE (4) 2" CONDUITS 36" BELOW GRADE W/ PULL STRING. REFER TO TRENCHING DETAIL. ELECTRIC UTILITY COMPANY TO PROVIDE CONDUCTORS. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
2. NEW UNDERGROUND FIBER PROPOSED ROUTE: PROVIDE (1) 4" CONDUIT 36" BELOW GRADE WITH 4-CELL FABRIC INNERDUCT. REFER TO TELECOMMUNICATIONS RISER DIAGRAM FOR FIBER REQUIREMENTS.
3. NEW UNDERGROUND ELECTRICAL FEEDERS. REFER TO THE POWER DISTRIBUTION ONE-LINE DIAGRAM FOR CONDUIT AND WIRE SIZE AND QUANTITY. PROVIDE CONDUIT MIN 36" BELOW GRADE AND PER TRENCHING DETAIL.
4. SPECIALTY SPORTS POLE MOUNTED LIGHT FIXTURE.
5. ROUTE ALL CONDUIT AROUND FIELD. NO CONDUIT SHALL BE ROUTED UNDER FIELD UNLESS SPECIFICALLY NOTED OTHERWISE.

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PARTIAL ELECTRICAL SITE PLAN

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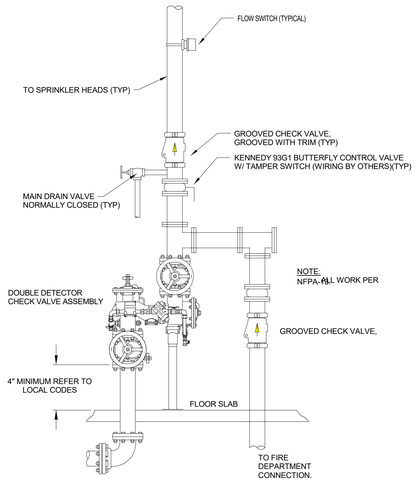


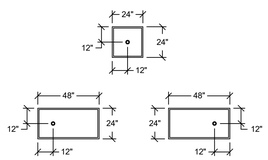
FIRE PROTECTION RISER

SCALE: NTS

FLOW TEST	
STATIC PRESSURE	84 PSI
RESIDUAL PRESSURE	68 PSI
FLOW	967 GPM
DATE	03/05/2026

FLOW TEST RESULTS PROVIDED BY: CITY OF SCOTTSVILLE, GREG COOK

THE FIRE SUPPRESSION CONTRACTOR SHALL CONDUCT HIS OWN FLOW TEST FOR USE IN SHOP DRAWING / HYDRAULIC CALCULATIONS. THE TEST SHALL BE FULLY COORDINATED WITH THE OWNER. UTILITY COMPANY AND WITNESSED BY THE ARCHITECT/ENGINEER.



HEAD PLACEMENT
IN ACOUSTICAL TILE

HEAD TYPES

ALL SPRINKLER HEADS TO BE QUICK RESPONSE TYPE.

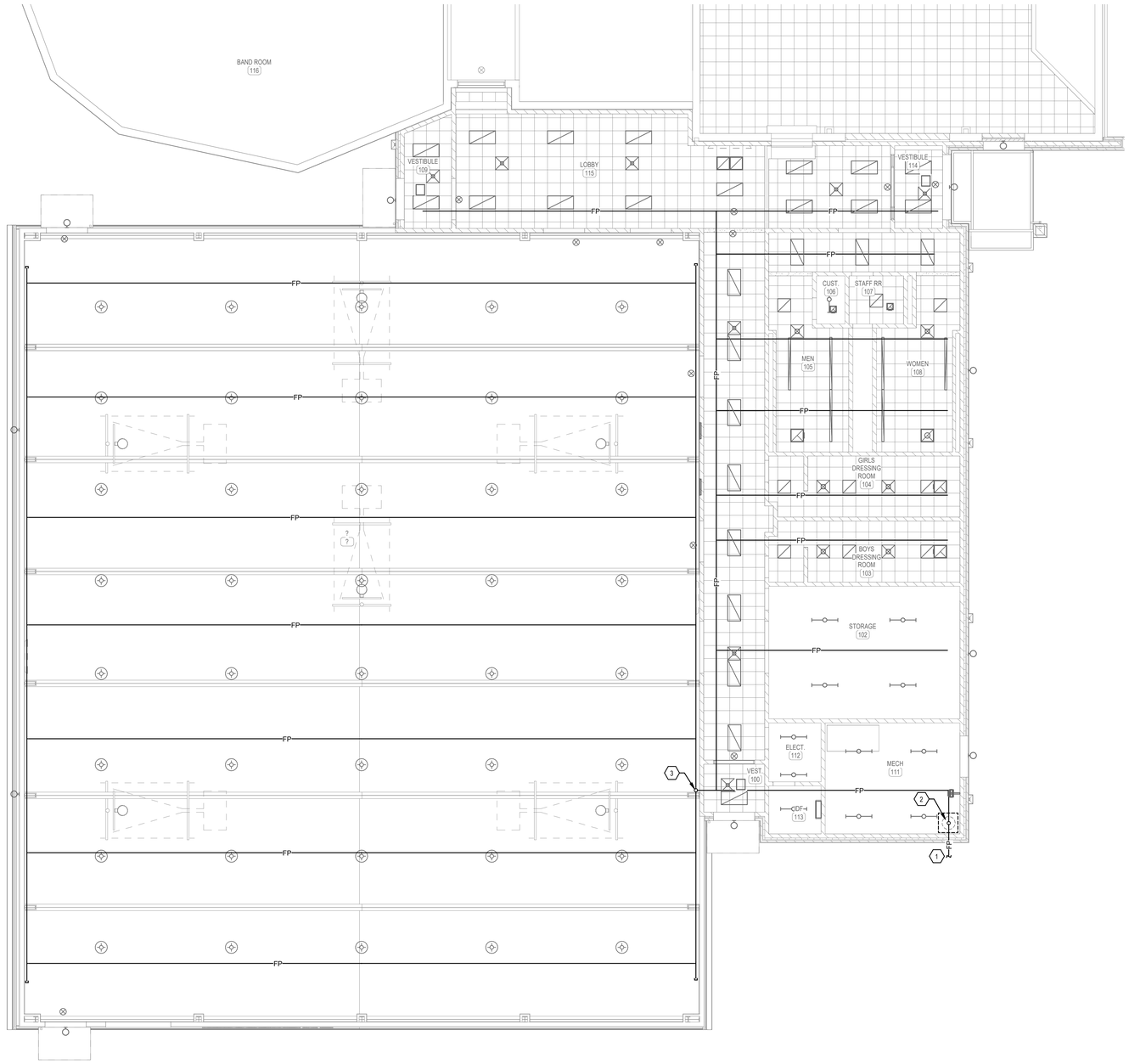
ROOMS WITH GYPSUM CEILINGS SHALL HAVE CONCEALED SPRINKLER HEADS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.

ROOMS WITH ACOUSTICAL TILE (ACT) LAY-IN CEILINGS SHALL HAVE SEMI-RECESSED SPRINKLERS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.

ROOM WITH NO CEILINGS (MECHANICAL ROOMS, ETC.) SHALL BE UPRIGHT SPRINKLER HEADS.

REFER TO ARCHITECTURAL CEILING PLANS. COORDINATE SPRINKLER PIPING WITH DUCTWORK, DIFFUSERS, LIGHTING, STRUCTURAL AND ALL OTHER TRADES PRIOR TO INSTALLATION.

BUILDING SHALL BE 100% SPRINKLERED IN COMPLIANCE WITH NFPA 13, AS APPLICABLE AND AS PART OF A DELEGATED DESIGN.



1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES

A. THIS PROJECT SITE IS IN SEISMIC DESIGN CATEGORY "B".

B. REFER TO SPECIFICATIONS AND THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.

C. ALL FIRE-SUPPRESSION WORK SHALL BE PERFORMED BY A LICENSED FIRE-SUPPRESSION CONTRACTOR WITH A MINIMUM OF 5 YEARS EXPERIENCE DESIGN AND ERECTING FIRE-SUPPRESSION SYSTEMS.

D. PROVIDE A COMPLETE FIRE-SUPPRESSION SYSTEM INCLUDING MODIFICATIONS TO EXISTING WORK, NEW PIPING AND ACCESSORIES, AND TESTING AS REQUIRED TO MEET ALL PROVISIONS OF THE KENTUCKY BUILDING CODE AND ALL APPLICABLE NFPA CODES.

E. THE FIRE-SUPPRESSION CONTRACTOR SHALL HYDRAULICALLY DESIGN AND SIZE THE MAIN SERVICE AND SPRINKLER SYSTEM TO FULLY PROTECT THE ENTIRE BUILDING IN COMPLIANCE WITH THE KENTUCKY BUILDING CODE, NFPA-13, NFPA-14, NFPA-20, NFPA-24, AND LOCAL CODES. THE FIRE-SUPPRESSION CONTRACTOR SHALL PROVIDE AND SUBMIT DRAWINGS AND HYDRAULIC CALCULATIONS TO THE MECHANICAL ENGINEER FOR REVIEW AND THE STATE FOR CODE APPROVAL.

F. FIRE-SUPPRESSION CONTRACTOR SHALL OBTAIN A COPY OF THE ENTIRE SET OF CONTRACT DOCUMENTS AND SHALL COORDINATE ROUTING AND INSTALLATION WITH ALL OTHER DISCIPLINES AND TRADES INCLUDING BUT NOT LIMITED TO CIVIL, ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL IN THE LAY-OUT OF SPRINKLER PIPING AND HEADS. COORDINATE HEAD TYPES WITH ARCHITECTURAL CEILING TYPES. STRUCTURAL MEMBERS SHALL NOT BE CUT OR COMPROMISED IN ANY WAY. DO NOT MOUNT SPRINKLER HEADS OR HANG PIPING SO AS TO BLOCK ACCESS TO HVAC OR ELECTRICAL EQUIPMENT. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS/SWITCHGEAR OR THE 36" CLEARANCE IN FRONT OF THESE ELECTRICAL ITEMS. COORDINATE ADDITIONAL REQUIREMENTS WITH NEC. FIRE-SUPPRESSION CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL FIRE-SUPPRESSION WORK WITH THE GENERAL CONTRACTOR AND ACCOMMODATE CONSTRUCTION PHASING REQUIREMENTS AND ALL OTHER TRADES AS REQUIRED.

G. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL BELOW SLAB / UNDERGROUND PIPING WITH STRUCTURAL COMPONENTS AND COORDINATING ALL STEPPED FOOTINGS OR SLEEVES WHERE REQUIRED.

H. CENTER SPRINKLER HEADS (EACH WAY) IN CEILING TILES. SPRINKLER HEADS SHALL BE CENTERED IN 2'x 2' SECTIONS OF 2'x 4' CEILING TILES WHERE INSTALLED IN A LAY-IN CEILING. REFER TO FIRE-SUPPRESSION DETAILS FOR CLARIFICATION. REFER TO ARCHITECTURAL FOR FINAL REFLECTED CEILING PLANS TO CLARIFY CEILING TYPES AND CEILING GRIDS. COORDINATE HEAD LOCATIONS WITH LIGHTING AND AIR DEVICES.

I. INSTALL CAPPED DRAIN VALVES AND ANY AND ALL ADDITIONAL DRAIN VALVES AS REQUIRED TO COMPLETELY DRAIN THE FIRE-SUPPRESSION SYSTEM. INSTALL ALL REQUIRED DRAIN PIPING TO FLOW TEST POINTS. DISCHARGE ALL DRAIN PIPING TO OUTDOORS OR TO AN APPROVED LOCATION. PROVIDE LISTED AIR RELEASE FOR ALL TRAPPED RUNS OF FIRE-SUPPRESSION PIPING.

J. ALL FIRE-SUPPRESSION COMPONENTS INCLUDING BUT NOT LIMITED TO VALVES, PIPE, FITTINGS, CONTROL SYSTEMS, AND TRIM SHALL BE UL AND/OR FM LISTED FOR FIRE SERVICE AS REQUIRED BY THE KENTUCKY BUILDING CODE AND/OR THE AUTHORITY HAVING JURISDICTION.

K. PROVIDE GUARDS AND/OR SPECIAL HEADS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL DESIGN AND INSTALLATION AND AS REQUIRED TO COMPLY WITH NFPA-13. PROVIDE HIGH TEMPERATURE HEADS FOR AREAS NEAR SPACE HEATING OUTLETS AND EQUIPMENT AS REQUIRED.

L. NEW OPENINGS FOR FIRE-SUPPRESSION ITEMS SHALL BE CUT, SLEEVED, ETC. BY THE FIRE-SUPPRESSION CONTRACTOR. ALL OPENINGS SHALL BE CORE DRILLED OR SAW-CUT. ALLOWED. NO HAMMER DRILLING

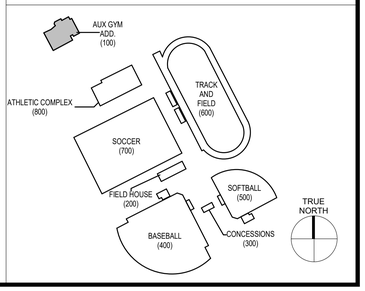
M. INSTALL FIRE/SMOKE STOPPING FOR ALL FIRE-SUPPRESSION PIPING PENETRATIONS THRU FIRE/SMOKE RATED ASSEMBLIES INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, AND SLABS. ALL PENETRATION INSTALLATIONS SHALL BE CONSTRUCTED PER AN APPROVED UL AND/OR FM LISTED PENETRATION ASSEMBLY. THE FIRE-SUPPRESSION CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS FOR SPRINKLER PIPING WITH THE GENERAL CONTRACTOR AND OTHER TRADES AS REQUIRED FOR A COMPLETE INSTALLATION.

N. CERTAIN AREAS ON THE DRAWINGS MAY ILLUSTRATE A SPRINKLER HEAD TYPE AND/OR LOCATION. THE INTENT WITH THIS SCENARIO IS TO ILLUSTRATE CONCEPTUAL REQUIREMENTS. ANY ADDITIONAL HEADS THAT MAY BE REQUIRED TO COMPLY WITH NFPA-13 IS THE RESPONSIBILITY OF THE FIRE-SUPPRESSION CONTRACTOR. ALL AREAS NOT SHOWN TO BE SPRINKLERED BUT REQUIRED TO BE SPRINKLERED PER NFPA-13 SHALL BE SPRINKLERED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND AS PART OF THE DELEGATED DESIGN AND INSTALLATION PROCESS.

SHEET KEYNOTES

1. REFER TO PLUMBING SITE UTILITIES PLAN FOR CONTINUATION.
2. FIRE RISER. SEE DETAIL THIS SHEET.
3. FIRE PROTECTION UP TO SERVE GYMNASIUM.

KEY PLAN



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STATE OF KENTUCKY BRADLEY NATION 27713 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - FIRE PROTECTION

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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No.	Description	Date

SHEET

F1.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
FLOOR PLAN - FIRE PROTECTION - AUXILIARY GYMNASIUM ADDITION
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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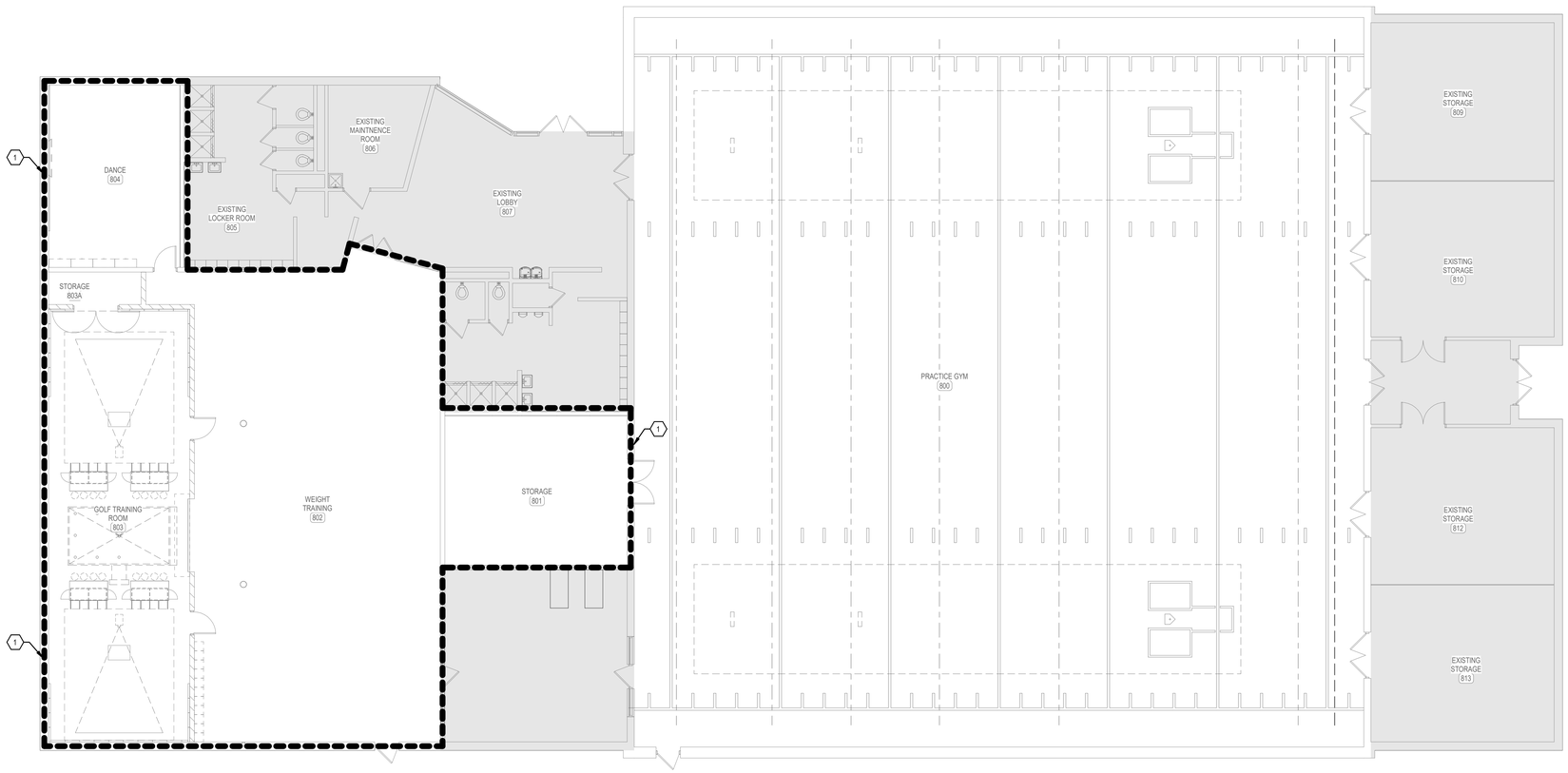
GENERAL NOTES

A. REFER TO SHEET F1.1 FOR FIRE PROTECTION GENERAL NOTES AND REQUIREMENTS.

SHEET KEYNOTES

1. REVISE SPRINKLERS AS REQUIRED TO WORK WITH REVISED CEILING TYPES AND DIVIDED ROOMS. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPES.

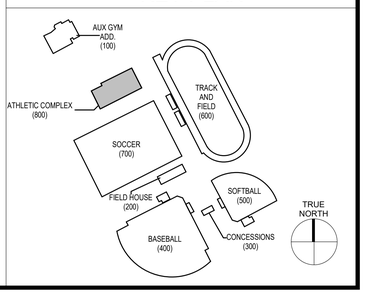


1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - FIRE PROTECTION

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - FIRE PROTECTION

JOB NO.	2459
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CHECKED	NCM

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No.	Description	Date

SHEET

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2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
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PLUMBING LEGEND

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	PIPE DOWN
	PIPE UP
	TEE DOWN
	TEE UP
	CONTINUATION
	CAP
	HAMMER ARRESTOR
	BALANCING VALVE
	BALL VALVE
	BUTTERFLY VALVE
	ELECTRIC CONTROL VALVE
	PRESSURE REDUCING VALVE
	CHECK VALVE
	GATE VALVE
	PLUG VALVE
	REDUCER
	UNION
	VALVE IN VERTICAL
	PRESSURE GAUGE
	STRAINER
	FLOW INDICATOR
	CLEANOUT
	FLOOR CLEANOUT
	THERMOMETER
	RECIRC. BALANCING STATION
FS	FLOW SWITCH
TS	TAMPER SWITCH ON VALVE
	PUMP, INLINE
	SUMP PUMP
G	GAS METER
W	WATER METER
TB	THRUST BLOCK
R	GAS REGULATOR
	FLOOR DRAIN
	P-TRAP
	FLOOR DRAIN GRATE
P-TS	FIRE PROTECTION RISER
	FIRE PROTECTION CONNECTION (DOUBLE)
	FIRE PROTECTION CONNECTION (SINGLE)
XX	SHEET NOTE
XX	DEMOLITION NOTE
	CONNECT NEW TO EXISTING
	EXTENT OF DEMOLITION
XX-XX	EQUIPMENT TAG
RISER X P.X.XX	RISER IDENTIFICATION TAG

ABBREVIATIONS

ADP	ACID DILUTION PIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AG	AIR GAP
AV	ACID VENT
AW	ACID WASTE
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BTU	BRITISH THERMAL UNIT
CA	COMPRESSED AIR
CFH	CUBIC FEET/HOUR
CI	CAST IRON
CRD	COMBINATION ROOF DRAIN
CO	CLEANOUT
CON	CONDENSATE
CW	COLD WATER
D	DISPOSAL
DD	DECK DRAIN
DI	DUCTILE IRON
DF	DRINKING FOUNTAIN
DSN	DOWNSPOUT NOZZLE
ECO	EXTERIOR CLEANOUT
EEW	EMERGENCY EYE WASH
ESEW	EMERGENCY SHOWER / EYE WASH
ET	EXPANSION TANK
ETP	ELECTRONIC TRAP PRIMER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
FS	FLOW SWITCH
G	NATURAL GAS
GPM	GALLONS PER MINUTE
GR	GREASE
GRV	GREASE VENT
GT	GREASE TRAP
GWH	GAS WATER HEATER
HA	HAMMER ARRESTOR
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RETURN
I.E.	INVERT ELEVATION
IMB	ICE MAKER BOX
L/LAV	LAVATORY
LPG	LIQUID PETROLEUM GAS
LT	LAUNDRY TUB
MA	MEDICAL AIR
MB	MOP BASIN
MBH	1,000 BTU
MG	MEDICAL GAS
MH	MANHOLE
MIN	MINIMUM
MS	MOP SINK
N2	NITROGEN
O2	OXYGEN
OR	OPEN RECEPTACLE
ORD	OVERFLOW ROOF DRAIN
ORL	OVERFLOW ROOF LEADER
OWS	OIL WATER SEPARATOR
PD	PUMP DISCHARGE
PDI	PLUMBING DRAINAGE INSTITUTE

ABBREVIATIONS CONT.

PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PT	PLASTER TRAP
RBS	RECIRC. BALANCE STATION
RD	ROOF DRAIN
RL	ROOF LEADER
RP	RECIRCULATION PUMP
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SINK
SAN	SANITARY
SCO	STACK CLEANOUT
SP	SUMP PUMP
SS	SERVICE SINK
ST	STORAGE TANK
STM	STORM
TB	THRUST BLOCK
TD	TRENCH DRAIN
TP	TRAP PRIMER
TMV	THERMOSTATIC MIXING VALVE
T&P	TEMPERATURE & PRESSURE
TS	TAMPER SWITCH
U	URINAL
UT	UTILITY TUB
V	VENT
VB	VACUUM BREAKER
VTR	VENT THROUGH ROOF
WB	WASHER BOX
WC	WATER CLOSET
W.C.	WATER COLUMN
WCO	WALL CLEANOUT
WH	WALL HYDRANT
WS	WASH STATION
WS	WATER SOFTENER
X	EXISTING

PLUMBING LINETYPES

SYMBOL	DESCRIPTION
1"CW	UNDER SLAB COLD WATER PIPING WITH SIZE
1"CW	COLD WATER PIPING WITH SIZE
1"HW	HOT WATER PIPING WITH SIZE
1"HWR	HOT WATER RETURN PIPING WITH SIZE
1"SAN	UNDER SLAB SANITARY PIPING WITH SIZE
1"SAN	SANITARY PIPING WITH SIZE
1"V	UNDER SLAB VENT PIPING WITH SIZE
1"V	VENT PIPING WITH SIZE
1"GR	UNDER SLAB GREASE PIPING WITH SIZE
1"GRV	UNDER SLAB GREASE VENT PIPING WITH SIZE
1"GRV	GREASE VENT PIPING WITH SIZE
1"AW	UNDER SLAB ACID WASTE PIPING WITH SIZE
1"AW	ACID WASTE PIPING WITH SIZE
1"AV	UNDER SLAB ACID VENT PIPING WITH SIZE
1"AV	ACID VENT PIPING WITH SIZE
1"RL	ROOF LEADER PIPING WITH SIZE
1"STM	UNDER SLAB STORM WITH SIZE
1"G	UNDER SLAB GAS PIPING WITH SIZE (SLEEVED)
1"G	GAS PIPING WITH SIZE
1"TW	TEMPERED WATER PIPING WITH SIZE
	FIRE PROTECTION PIPE
1"CA	COMPRESSED AIR PIPING WITH SIZE
1"VAC	VACUUM PIPING WITH SIZE

GENERAL NOTES - PLUMBING:

A. CONSTRUCTION PHASING: ALL WORK SHALL BE COORDINATED AND SCHEDULED WITH THE GENERAL CONTRACTOR, OTHER TRADES, THE OWNER, RELATED UTILITY COMPANIES SHALL COINCIDE WITH CONSTRUCTION PHASING PER THE ARCHITECTURAL DOCUMENTS. CONTACT THE ARCHITECT/ENGINEER IN THE EVENT OF A CONFLICT.

B. NEW UTILITIES:THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW UTILITY SERVICES AND COSTS UNDER THIS CONTRACT. COORDINATE AND SCHEDULE ALL RELATED WORK WITH THE UTILITY COMPANIES.

C. MAINTAIN SITE UTILITIES: THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SITE UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE ANY OUTAGE. SCHEDULED SHUT-DOWNS SHALL REQUIRE 48 HOUR PRIOR NOTIFICATION WITH OWNER. COORDINATE ALL RELATED WORK WITH THE OWNER AND THE UTILITY COMPANIES AS REQUIRED.

D. VERIFY UTILITIES: FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES WHERE REQUIRED FOR CONNECTIONS OF NEW WORK PRIOR TO CONSTRUCTION AND FABRICATION. DOCUMENT ON THE AS-BUILT DRAWINGS; THE TYPE, SIZE, MATERIAL, LOCATION AND INVERT ELEVATIONS OF ALL UTILITIES ENCOUNTERED. COORDINATE ALL RELATED WORK WITH ALL PARTIES INVOLVED. CONTACT THE ENGINEER IN THE EVENT OF A CONFLICT.

E. CONTACT B.U.D.: THE EXISTING UTILITIES, EQUIPMENT, AND PIPING SHOWN ON THESE DRAWINGS ARE FROM RECORD DRAWINGS AND VISUAL INSPECTION OF THE SITE. THE NUMBER, LOCATION, SIZE, AND TYPE OF UTILITIES SHOWN ARE APPROXIMATE, AND THERE MAY BE OTHER UTILITIES NOT SHOWN. THE CONTRACTOR SHALL CONTACT ALL AFFECTED UTILITY COMPANIES AND KENTUCKY B.U.D. PRIOR TO BEGINNING EXCAVATION.

F. PERMITS, TESTING, AND INSPECTIONS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, TESTING AND SCHEDULES INSPECTIONS.

G. REMOVAL OF EXISTING UTILITIES: REMOVE UNUSED/ABANDONED EQUIPMENT, PIPING, ETC. AS NECESSARY TO INSTALL THE NEW WORK. CAP THE ENDS OF ALL LINES AND ABANDONED IN PLACE.

H. TEMPORARY CONSTRUCTION HEAT: PROVIDE TEMPORARY HEAT IN CONSTRUCTION AREAS AS REQUIRED TO PREVENT FREEZING OF WATER PIPING DURING CONSTRUCTION.

I. PATCHING AND REPAIRING: PATCH AND REPAIR ALL AREAS WHERE WALLS, SLABS, PAVEMENT, CURBS, VEGETATION AND MATERIALS HAVE BEEN CUT, REMOVED, DISTURBED AND OR MODIFIED. MATCH EXISTING MATERIALS, RATINGS, AND FINISHES.

J. CUTTING EXISTING MATERIALS: CUTTING OF EXISTING PAVEMENT, SLABS, CONCRETE MASONRY, WALLS, ETC. SHALL BE SAW-CUT OR CORE DRILLED. NO "HAMMER DRILLING" WILL BE ALLOWED.

K. ROOFING PENETRATIONS: ALL ROOF PENETRATIONS SHALL BE IN COMPLIANCE WITH THE ROOFING MANUFACTURER'S GUIDELINES, THE AMERICAN ROOFING COUNCIL, AND MAINTAIN ALL WARRANTIES.

L. WALL PENETRATIONS: SEAL ALL PIPING PENETRATIONS THROUGH EXTERIOR WALLS WITH SILICONE SEALANT AS REQUIRED TO MAKE WATER/WEATHER TIGHT.

M. EXISTING WALL OPENINGS: EXISTING OPENINGS IN WALLS THAT ARE NOT BEING RE-USED SHALL BE PATCHED/CLOSED BY THE GENERAL CONTRACTOR.

N. NEW OPENINGS: NEW OPENINGS FOR PLUMBING PENETRATIONS THROUGH FIRE/SMOKE RATED WALLS, ASSEMBLIES AND SLABS SHALL BE BY THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

O. STRUCTURAL COORDINATION: THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL BELOW SLAB / UNDERGROUND PIPING WITH STRUCTURAL COMPONENTS AND COORDINATING ALL STEPPED FOOTINGS OR SLEEVES WHERE REQUIRED.

P. FIRE AND SMOKE STOPPING: ALL PLUMBING PENETRATIONS THROUGH FIRE/SMOKE RATED WALLS, ASSEMBLIES AND SLABS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

Q. INSULATION: INSULATE ALL DOMESTIC HOT/COLD WATER, RECIRCULATION PIPING, AND ROOF LEADERS.

R. HAMMER ARRESTOR: ALL HAMMER ARRESTORS SHOWN ON FLOOR PLANS, BUT NOT ON RISERS OR VICE VERSA SHALL BE PROVIDED AND INSTALLED AS SHOWN ON BOTH.

S. VALVES: ALL VALVES SHOWN ON FLOOR PLANS, BUT NOT ON RISERS OR VICE VERSA, SHALL BE PROVIDED AND INSTALLED AS IF SHOWN ON BOTH.

T. ELECTRICAL PANELS AND EQUIPMENT: PLUMBING PIPING, SYSTEMS, AND EQUIPMENT SHALL BE INSTALLED TO MAINTAIN THE DEDICATED WORKING/ELECTRICAL SPACE ABOVE, BELOW, AND IN FRONT OF ELECTRICAL PANELS AND EQUIPMENT PER THE REQUIREMENTS OF THE N.E.C. (NATIONAL ELECTRIC CODE).

GENERAL DEMOLITION NOTES:

A. GENERAL PLUMBING DEMOLITION NOTES APPLY TO ALL PLUMBING SHEETS.

B. SEE ARCHITECTURAL DRAWINGS FOR BUILDING FLOOR PLAN LAYOUT.

C. THE EXISTING CONDITIONS REPRESENTED ON PLANS DEPICT APPROXIMATE LOCATIONS AND SIZES OF EQUIPMENT AND COMPONENTS. FIELD-VERIFY ACTUAL CONDITIONS AND DETERMINE ACTUAL LOCATIONS AND SIZES OF EQUIPMENT PRIOR TO COMMENCING WORK.

D. SUBSTANTIAL DEVIATIONS BETWEEN THE CONTRACT DOCUMENTS DEMOLITION SCOPE AND ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER IN THE FORM OF A REQUEST FOR INFORMATION WITH THE DESCRIPTIONS AND SKETCHES.

E. SCHEDULING OF ALL DEMOLITION OPERATIONS SHALL BE COORDINATED WITH OWNER NO LATER THAN THE DATE OF THE PROJECT PRECONSTRUCTION MEETING.

F. PROVIDE DEMOLITION WORK SHOWN ON THE DRAWINGS AND ALL INCIDENTAL DEMOLITION WORK REQUIRED TO COMPLETE NEW CONSTRUCTION WORK.

G. PROTECT EXISTING EQUIPMENT, PIPING, DUCTWORK, AIR OPENINGS, ETC. FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.

H. COMPLETELY REMOVE ALL COMPONENTS INDICATED ON PLANS FOR DEMOLITION INCLUDING REMOVAL OF ALL SUPPORTS, HANGERS, PIPING, WIRING, ETC. THAT ARE ASSOCIATED WITH THE COMPONENT BEING REMOVED, UNLESS OTHERWISE STATED.

I. CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGE ASSOCIATED WITH DEMOLITION. ALL FINISHED SURFACES (FLOORS, WALLS, CEILINGS, ROOF, ETC.) SHALL MATCH EXISTING CONDITIONS.

J. PROVIDE 1-HOUR FIRE RATED DUST PROOF BARRIERS (UL DESIGN U309) TO SEPARATE DEMOLITION AREA FROM THE REST OF THE FACILITY.

K. WHERE DUST CREATED DURING DEMOLITION MAY ENTER AN HVAC SYSTEM RETURN AIR DUCT, PROVIDE TEMPORARY FILTERS AS REQUIRED TO PREVENT DUST INTRUSION.

L. MAINTAIN OPERATION OF ALL EXISTING SERVICES AND UTILITIES SERVING AREAS THAT ARE OCCUPIED OR IN OPERATION DURING DEMOLITION WORK. COORDINATE AND SCHEDULE ALL DISRUPTIONS TO SERVICES OR UTILITIES WITH OWNER TWO WEEKS IN ADVANCE OF INTERRUPTION.

M. REMOVE, RELOCATE AND REINSTALL ANY COMPONENTS WHEN REQUIRED TO ACCOMMODATE DEMOLITION OR NEW WORK SCOPE. COMMUNICATE TO ARCHITECT/ENGINEER THE EXTENT OF ITEMS TO BE REMOVED PRIOR TO BEGINNING THE WORK.

N. STORE AND PROTECT ALL EXISTING ITEMS WHICH ARE TO BE RELOCATED OR REUSED.

O. WHERE DEMOLITION/RE-WORK OF EXISTING MEP ITEMS CONTAINING HAZARDOUS MATERIALS OCCUR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER FOR ABATEMENT AND REMEDIATION AS REQUIRED.

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STATE OF KENTUCKY BRADLEY NATION 27713 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING LEGEND & GENERAL NOTES

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
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No.	Description	Date

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2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PE1 PLUMBING LEGEND & GENERAL NOTES
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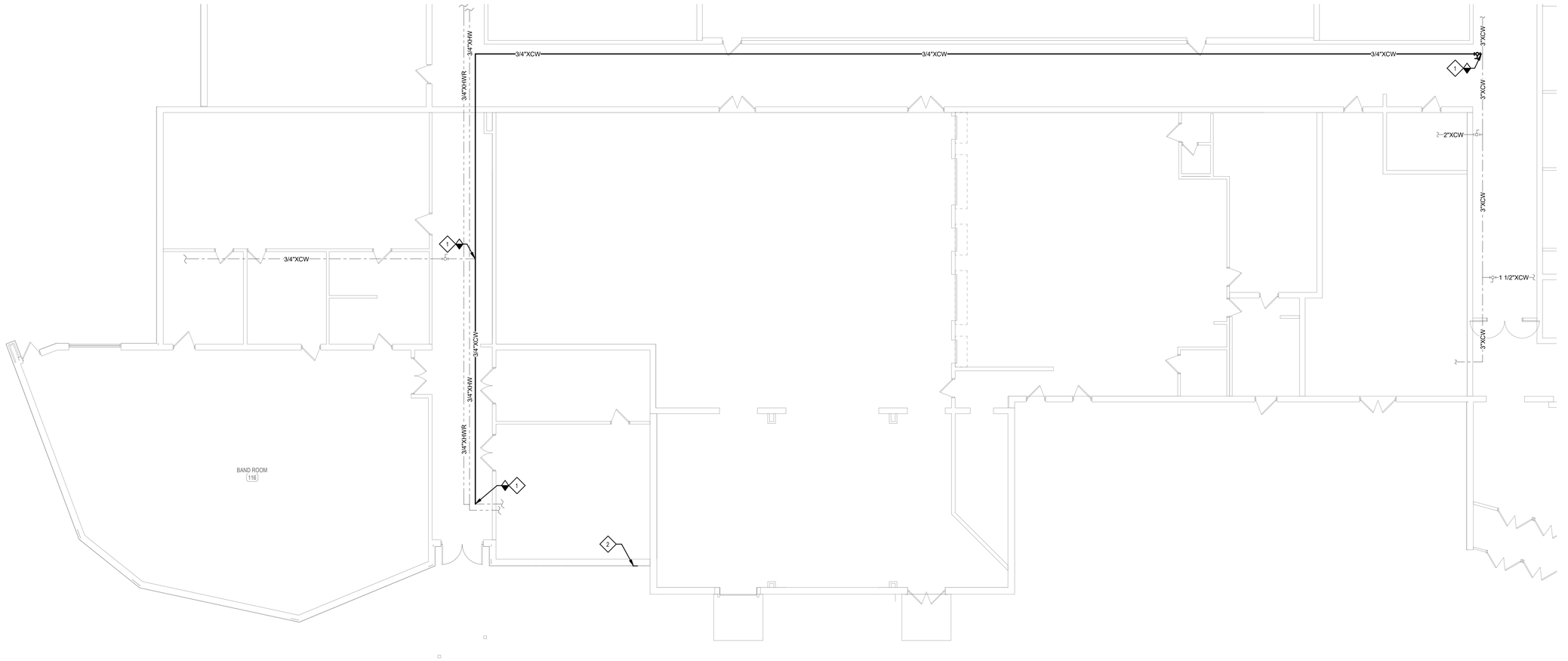
GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. DEMOLISH 3/4"CW DOMESTIC WATER PIPING BACK TO POINTS INDICATED. SEE NEW WORK PLANS.
2. DEMOLISH CAP AT WALL FOR OLD GAS ENTRANCE.

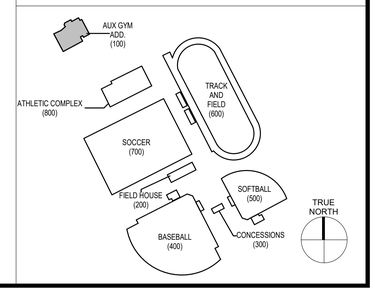


1 FIRST FLOOR DEMOLITION PLAN - AUXILIARY GYMNASIUM ADDITION - PLUMBING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION DEMOLITION PLAN - PLUMBING

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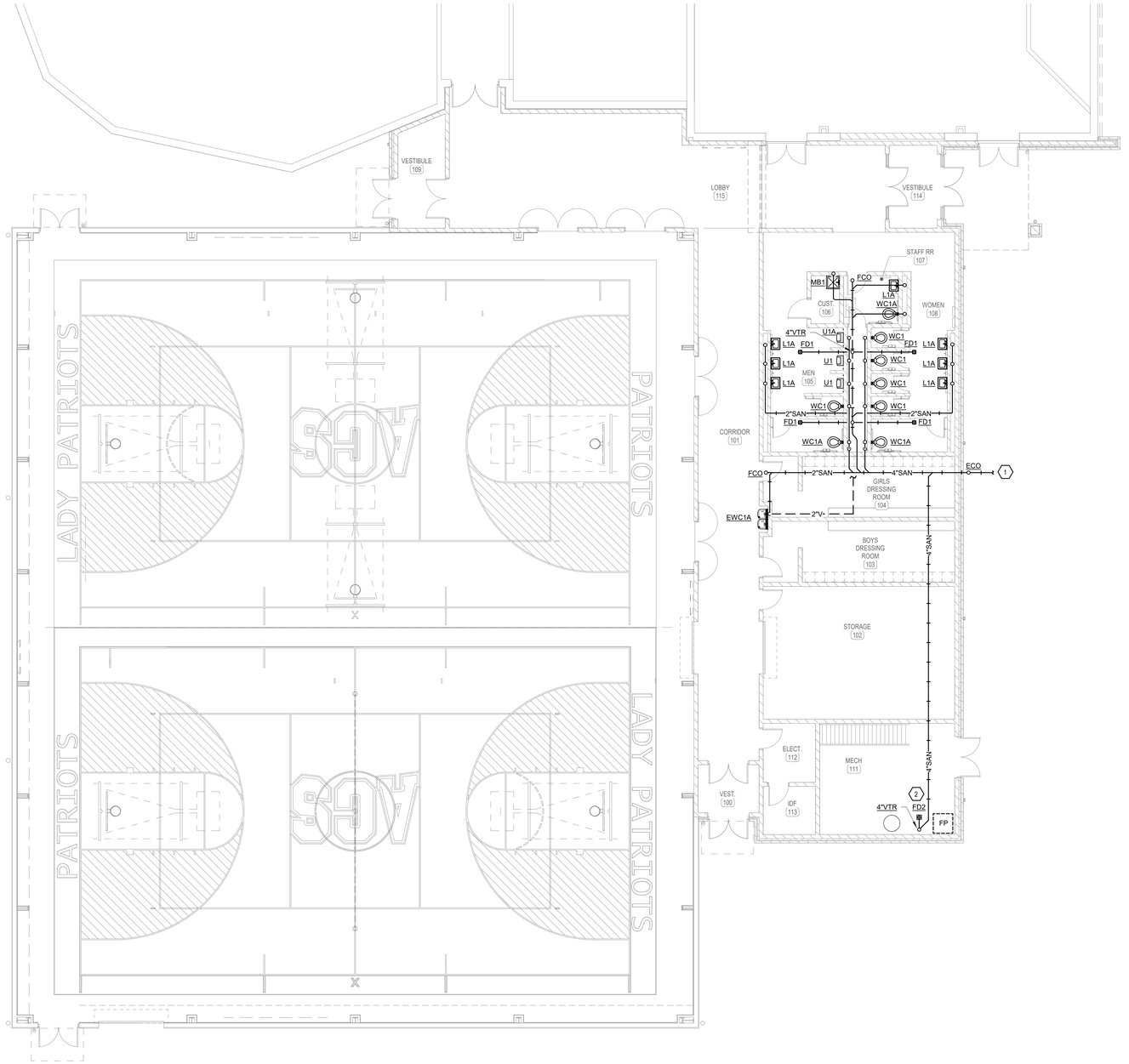
2023 - LA - MAIN - PHASE 1 - AUXILIARY GYM ADDITION (DEMOLITION) - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25908-Allen Co. v26 MEP.rvt
3/20/2026 11:36:05 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. REFER TO PLUMBING SITE UTILITIES PLAN U1.2 FOR CONTINUATION.
2. COORDINATE PRECISE FLOOR DRAIN LOCATION WITH FIRE ENTRANCE AND WATER HEATER INSTALLATION.

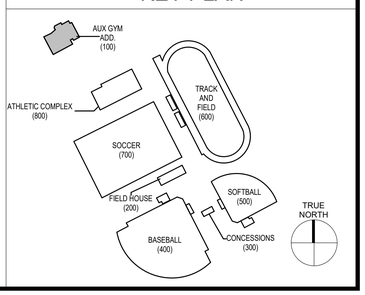


1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - SANITARY SEWER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - SANITARY SEWER

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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No.	Description	Date

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P1.1

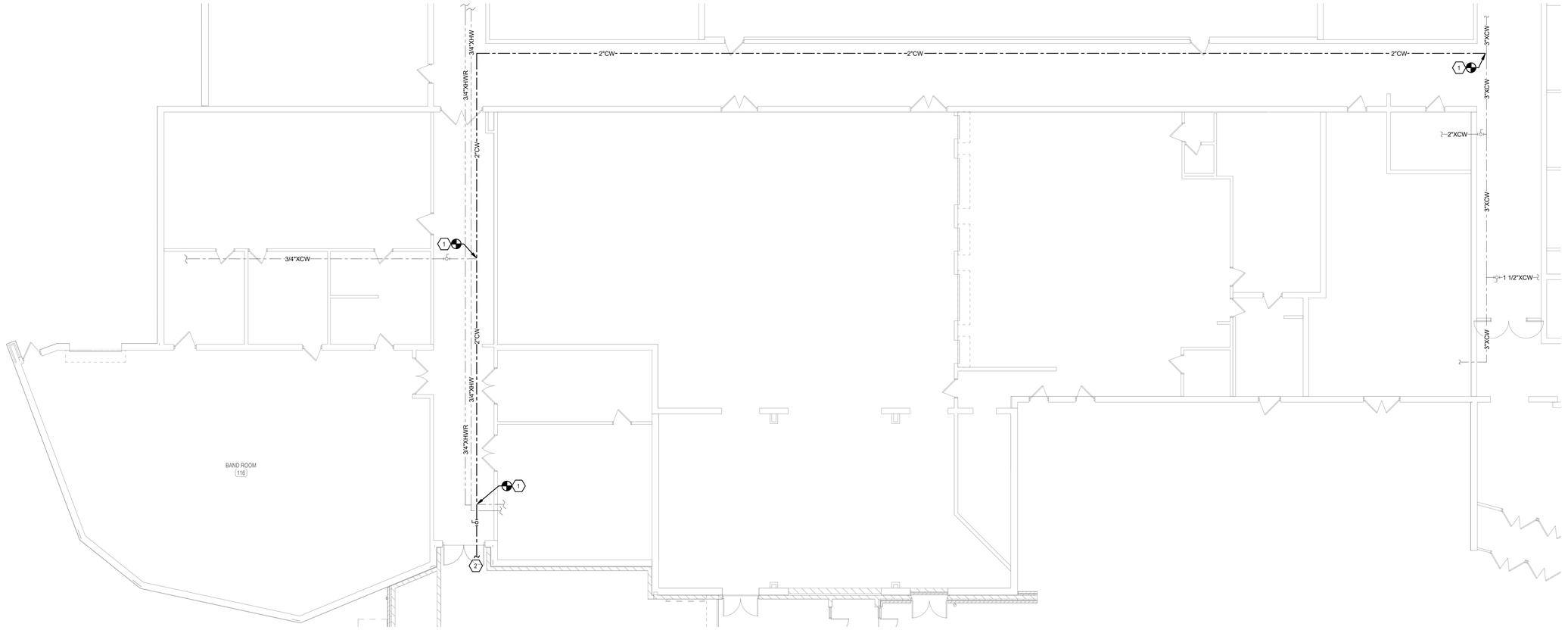
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PHASE 1 AUXILIARY GYMNASIUM ADDITION - SANITARY SEWER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/26/2026 11:36:07 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. CONNECT NEW 2"CW MAIN TO EXISTING 3"CW LINE AND RECONNECT AT POINTS NOTED.
2. SEE CONTINUATION OF 2"CW MAIN ON SHEET P1.3.

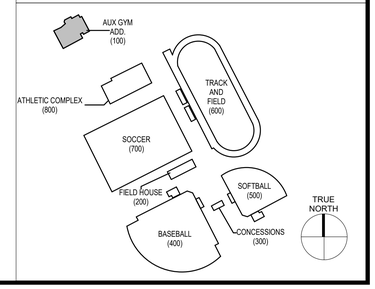


1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION CONNECTION - DOMESTIC WATER

SCALE: 1/8" = 1'-0"

0 4" 8" 16"

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - DOMESTIC WATER

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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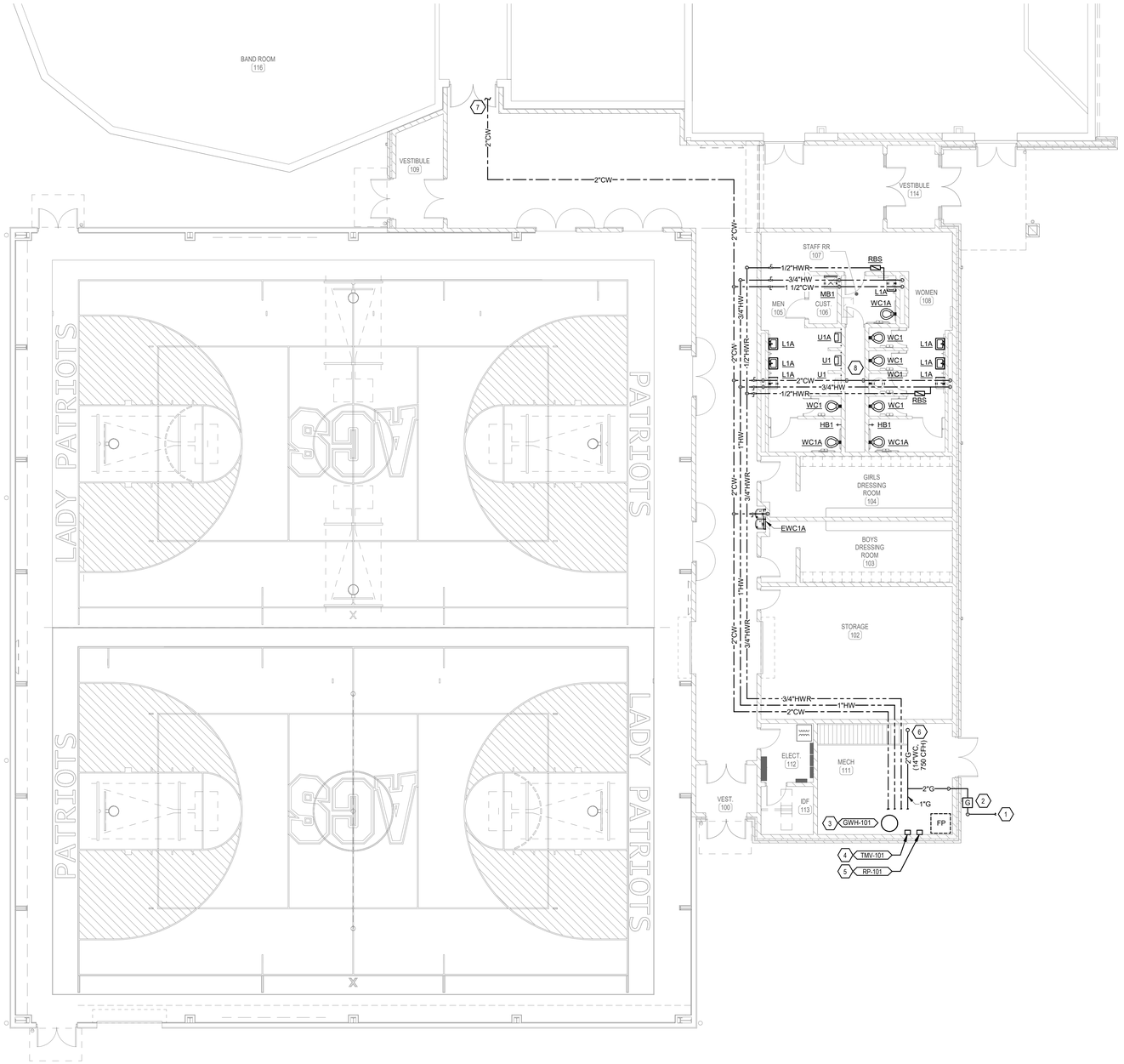
P1.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P1.2 - AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - DOMESTIC WATER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25068-Allen Co. v28 MEP.rvt
3/20/2026 11:36:06 AM



1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - DOMESTIC WATER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

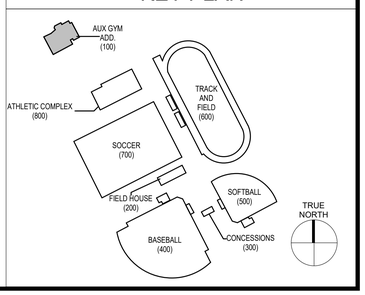
GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. REFER TO PLUMBING SITE UTILITIES PLAN U1.2 FOR CONTINUATION.
2. PROVIDE STEP DOWN GAS REGULATOR ON EXTERIOR OF BUILDING. PRESSURE TO BE SET TO 14"WC. INSTALL PER GAS COMPANY REQUIREMENTS.
3. PROVIDE AND INSTALL GAS WATER HEATER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE AND INSTALL HOT WATER RECIRCULATION PUMP. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
6. 2" GAS LINE TO ROOF. SEE ROOF PLAN FOR CONTINUATION.
7. 2"CW MAIN TO CONNECT INTO EXISTING BUILDING. SEE SHEET P1.2 FOR CONTINUATION.
8. 2"CW DROPS TO EACH SIDE OF CHASE. PROVIDE WITH SHUTOFF VALVE AT DROPS.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - DOMESTIC WATER

JOB NO.	2459
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P1.3

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P1.3 AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - DOMESTIC WATER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/26/2026 11:36:11 AM

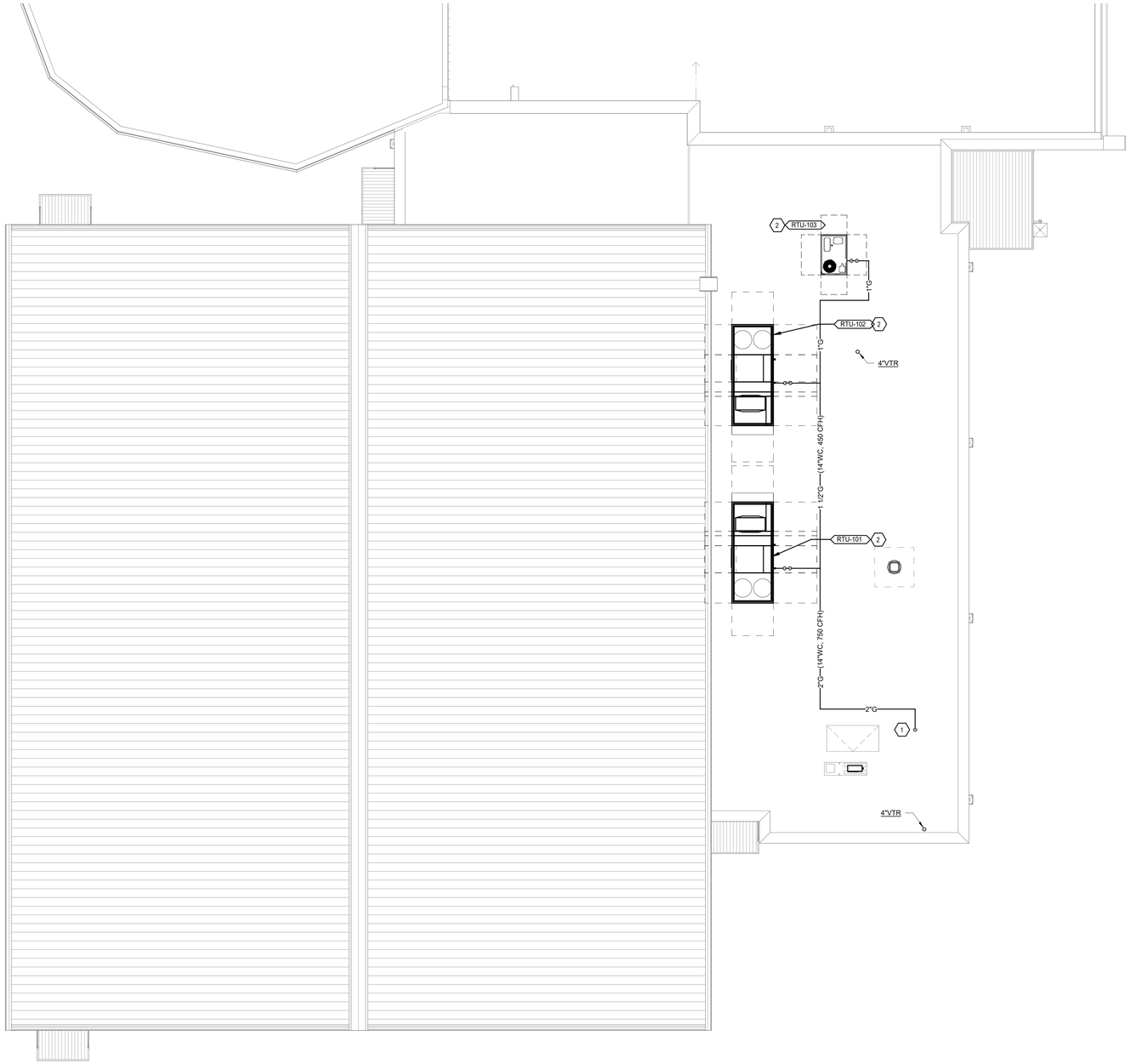
GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

B. REFER TO DETAILS FOR GAS PIPING SUPPORT REQUIREMENTS ALONG ROOF.

SHEET KEYNOTES

1. 2" GAS MAIN UP FROM MECHANICAL ROOM. PROVIDE WATERTIGHT SEAL AROUND ROOF PENETRATION.
2. CONNECT GAS PIPING TO ROOFTOP HVAC EQUIPMENT. PROVIDE WITH REGULATOR AS REQUIRED FOR EQUIPMENT. SEE DETAIL FOR PIPING CONNECTION REQUIREMENTS.

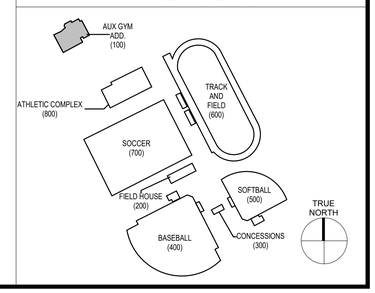


1 ROOF PLAN - AUXILIARY GYMNASIUM ADDITION - PLUMBING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION ROOF PLAN - PLUMBING

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DATE	3/24/2026
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CHECKED	NCM

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P1.4

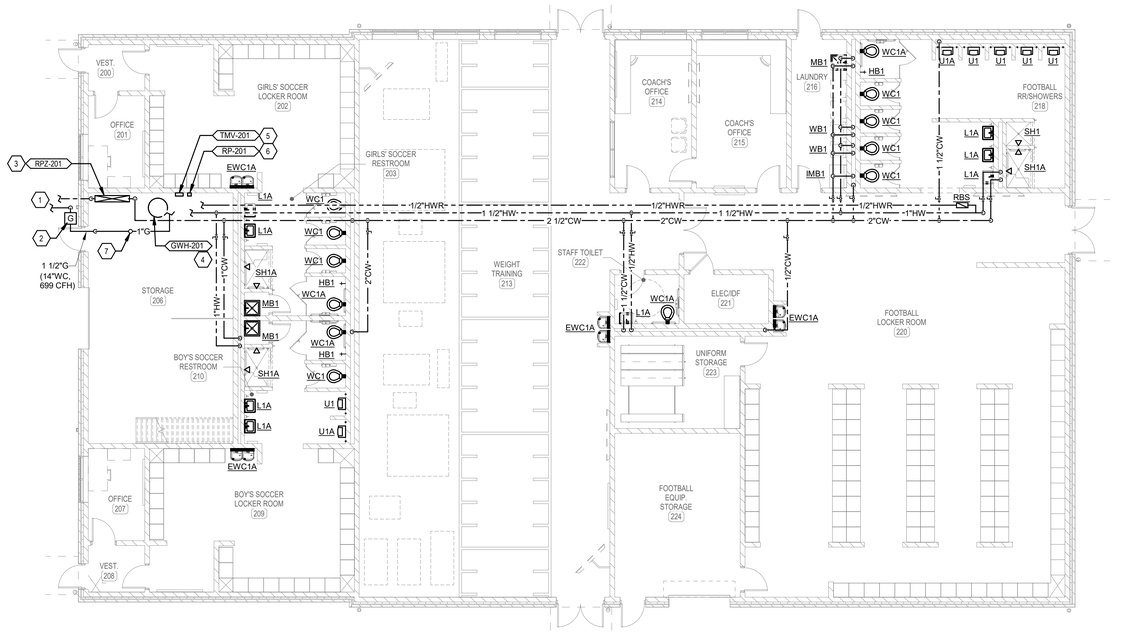
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PLANS AND SPECIFICATIONS - ADDITION AND ATHLETIC FIELDS
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009.Allen Co. v26 MEP.rvt
3/30/2026 11:06:20 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

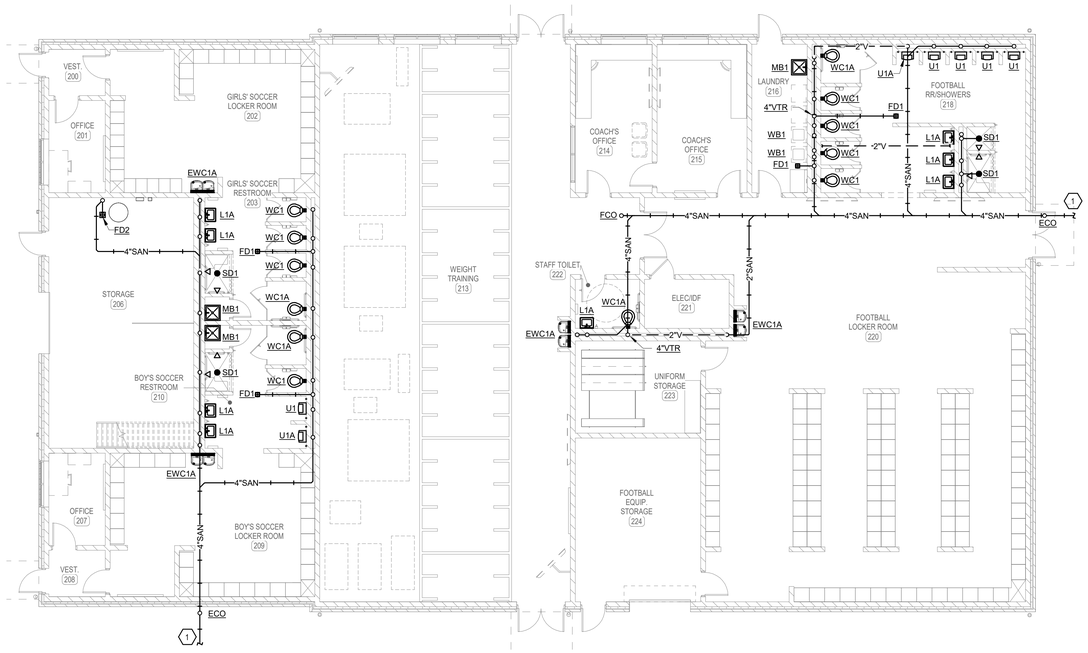
SHEET KEYNOTES

1. REFER TO PLUMBING SITE UTILITIES PLAN U1.2 FOR CONTINUATION.
2. PROVIDE STEP DOWN GAS REGULATOR ON EXTERIOR OF BUILDING. PRESSURE TO BE SET TO 14"WC. INSTALL PER GAS COMPANY REQUIREMENTS.
3. 2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
4. PROVIDE AND INSTALL GAS WATER HEATER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE AND INSTALL HOT WATER RECIRCULATION PUMP. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
7. 1-1/2" GAS LINE TO ROOF. SEE ROOF PLAN FOR CONTINUATION.



2 FIRST FLOOR PLAN - FIELD HOUSE - DOMESTIC WATER

SCALE: 1/8" = 1'-0"

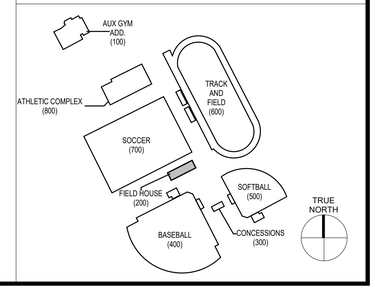


1 FIRST FLOOR PLAN - FIELD HOUSE - SANITARY SEWER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE NEW WORK PLANS - PLUMBING

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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P2.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P2.1 - FIELD HOUSE NEW WORK PLANS - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:58:32 AM

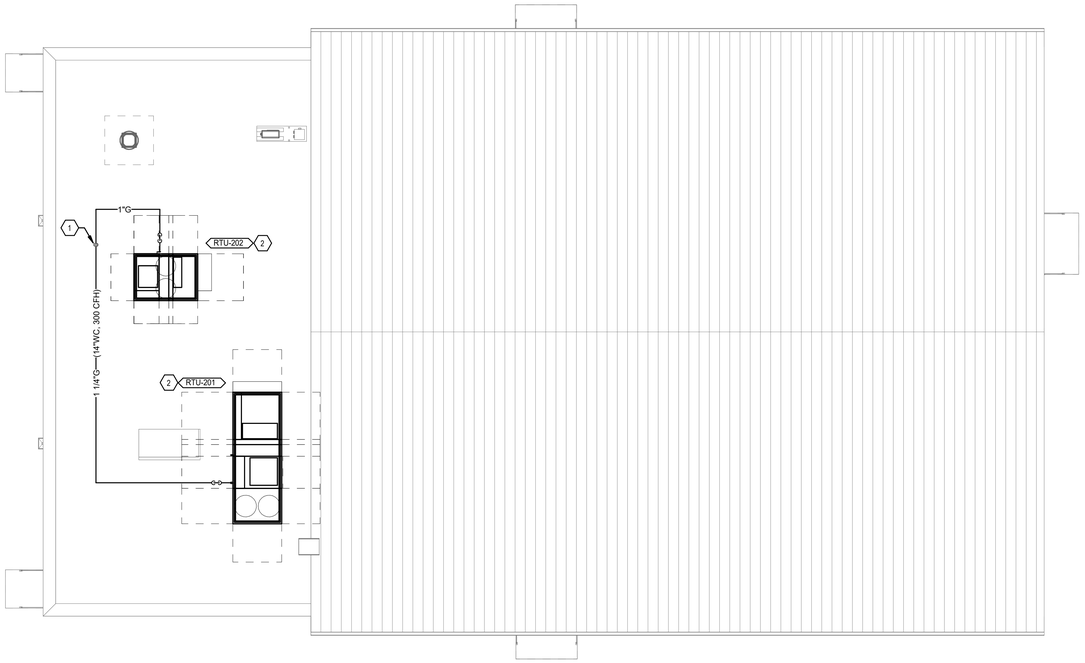
GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

B. REFER TO DETAILS FOR GAS PIPING SUPPORT REQUIREMENTS ALONG ROOF.

SHEET KEYNOTES

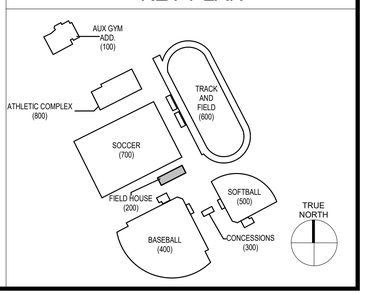
1. 1-1/2" GAS MAIN UP FROM MECHANICAL ROOM. PROVIDE WATERTIGHT SEAL AROUND ROOF PENETRATION.
2. CONNECT GAS PIPING TO ROOFTOP HVAC EQUIPMENT. PROVIDE WITH REGULATOR AS REQUIRED FOR EQUIPMENT. SEE DETAIL FOR PIPING CONNECTION REQUIREMENTS.



1 ROOF PLAN - FIELD HOUSE - PLUMBING
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY * BRADLEY NATION 37771 * LICENSED PROFESSIONAL ENGINEER
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SCOTTSVILLE, KENTUCKY

FIELD HOUSE NEW WORK PLANS - PLUMBING

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P2.2

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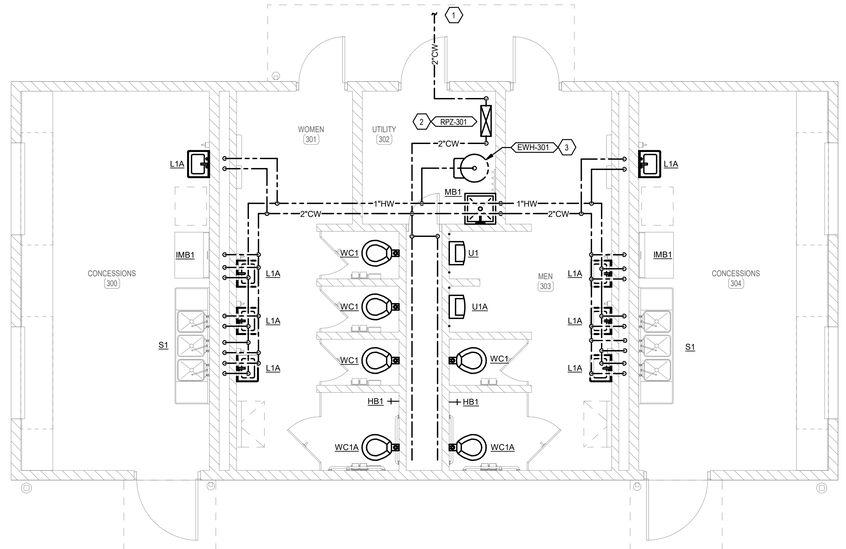
P2.2 FIELD HOUSE NEW WORK PLANS - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/26/2026 11:38:33 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

⬡ SHEET KEYNOTES

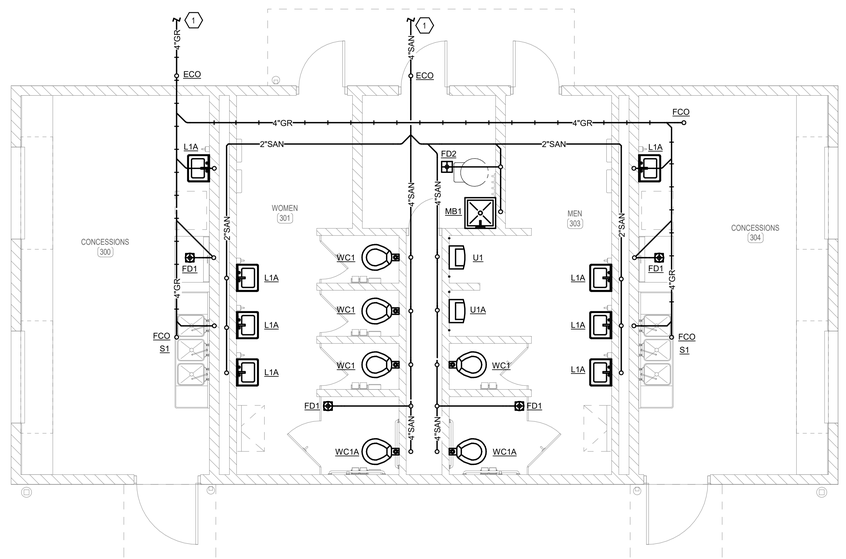
1. REFER TO PLUMBING SITE UTILITIES PLAN U1.3 FOR CONTINUATION.
2. 2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
3. PROVIDE AND INSTALL ELECTRIC WATER HEATER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.



2 FIRST FLOOR PLAN - CONCESSIONS AND RESTROOM - DOMESTIC WATER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

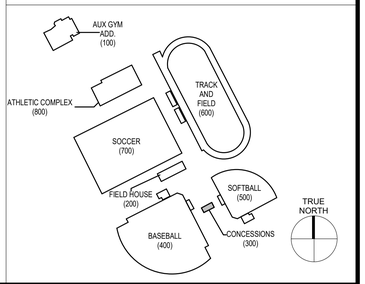


1 FIRST FLOOR PLAN - CONCESSIONS AND RESTROOM - SANITARY SEWER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

CONCESSIONS NEW WORK PLANS - PLUMBING

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P3.1

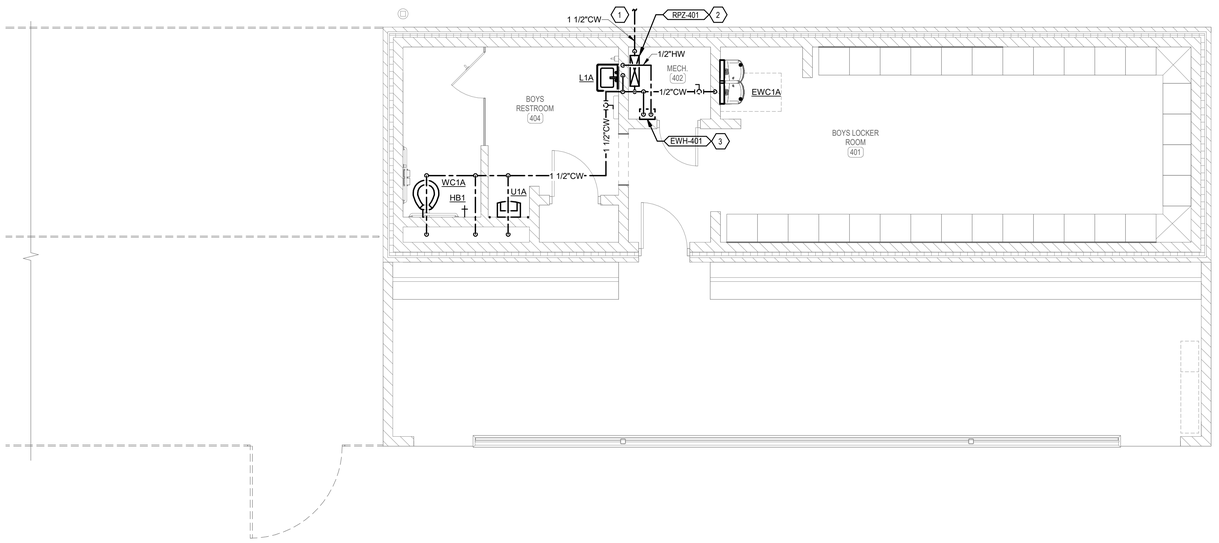
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P3.1 CONCESSIONS NEW WORK PLANS - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:56:37 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

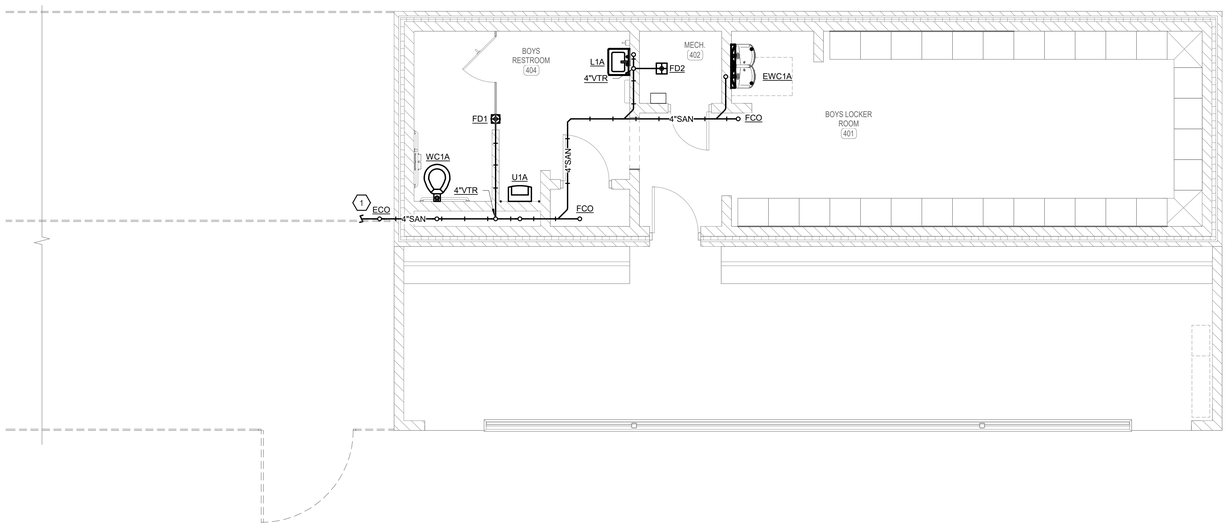
1. REFER TO PLUMBING SITE UTILITIES PLAN U1.3 FOR CONTINUATION.
2. 1-1/2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
3. PROVIDE AND INSTALL ELECTRIC INSTANTANEOUS WATER HEATER ON WALL. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.



2 FIRST FLOOR PLAN - BOYS LOCKER ROOM AND DUGOUT - DOMESTIC WATER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

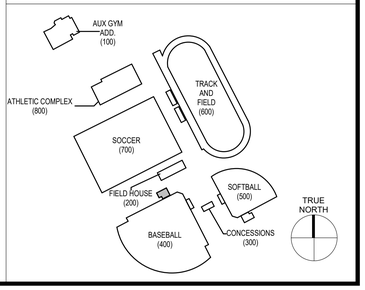


1 FIRST FLOOR PLAN - BOYS LOCKER ROOM AND DUGOUT - SANITARY SEWER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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SCOTTSVILLE, KENTUCKY

BASEBALL LOCKER ROOM & DUGOUT - PLUMBING

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P4.1

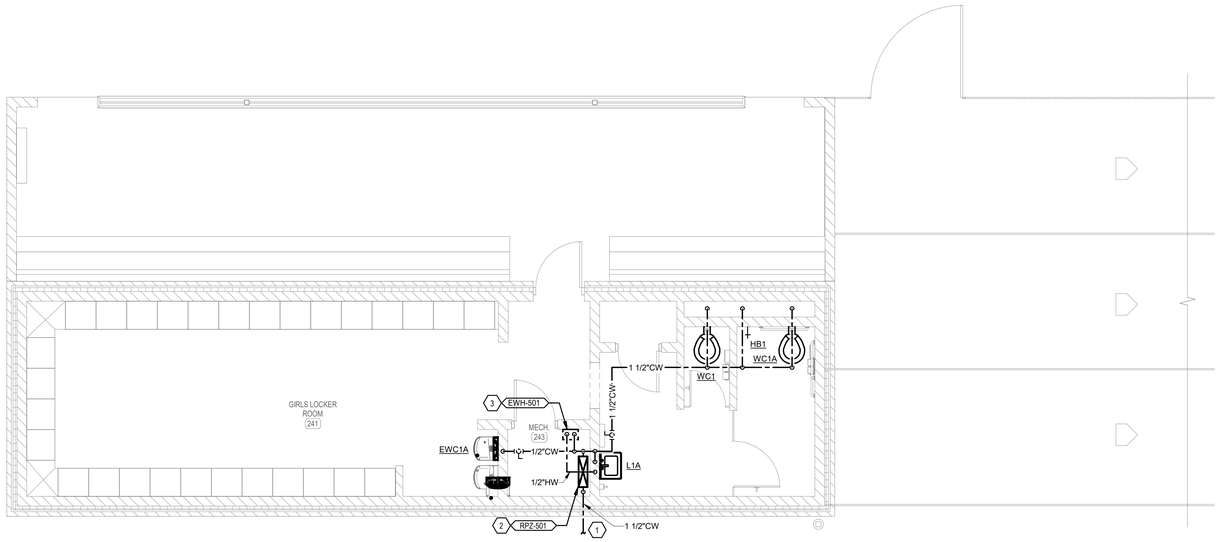
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P4.1 - BASEBALL LOCKER ROOM & DUGOUT - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:56:42 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

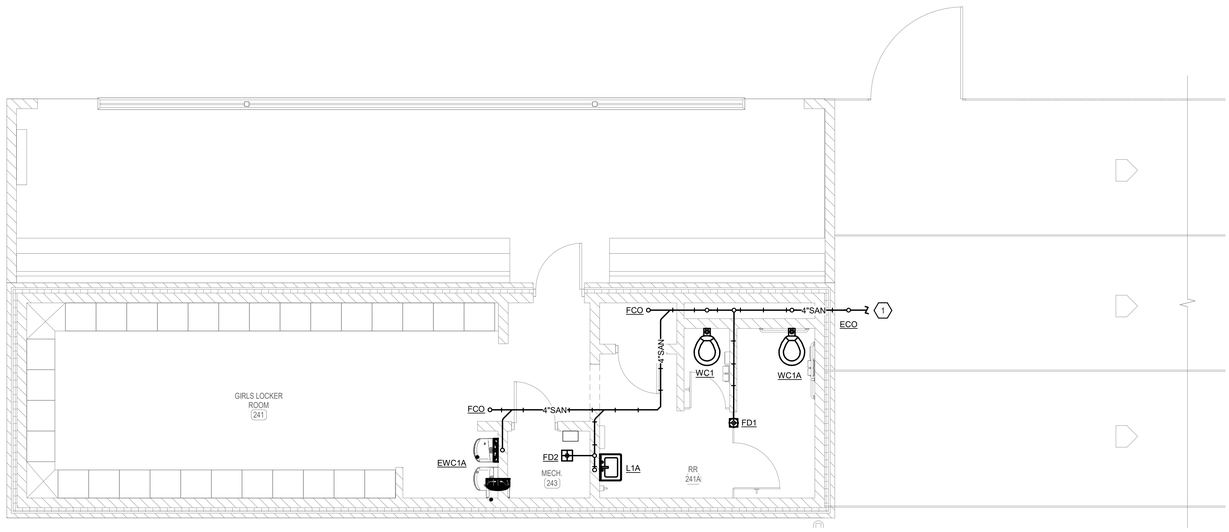
1. REFER TO PLUMBING SITE UTILITIES PLAN U1.3 FOR CONTINUATION.
2. 1-1/2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
3. PROVIDE AND INSTALL ELECTRIC INSTANTANEOUS WATER HEATER ON WALL. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.



2 FIRST FLOOR PLAN - GIRLS LOCKER ROOM AND DUGOUT - DOMESTIC WATER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

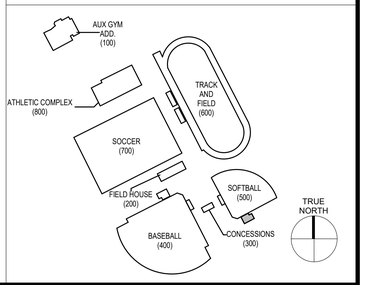


1 FIRST FLOOR PLAN - GIRLS LOCKER ROOM AND DUGOUT - SANITARY SEWER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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STATE OF KENTUCKY * BRADLEY NATION 37771 * LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL LOCKER ROOM & DUGOUT - PLUMBING

JOB NO.	2459
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No.	Description	Date

SHEET

P5.1

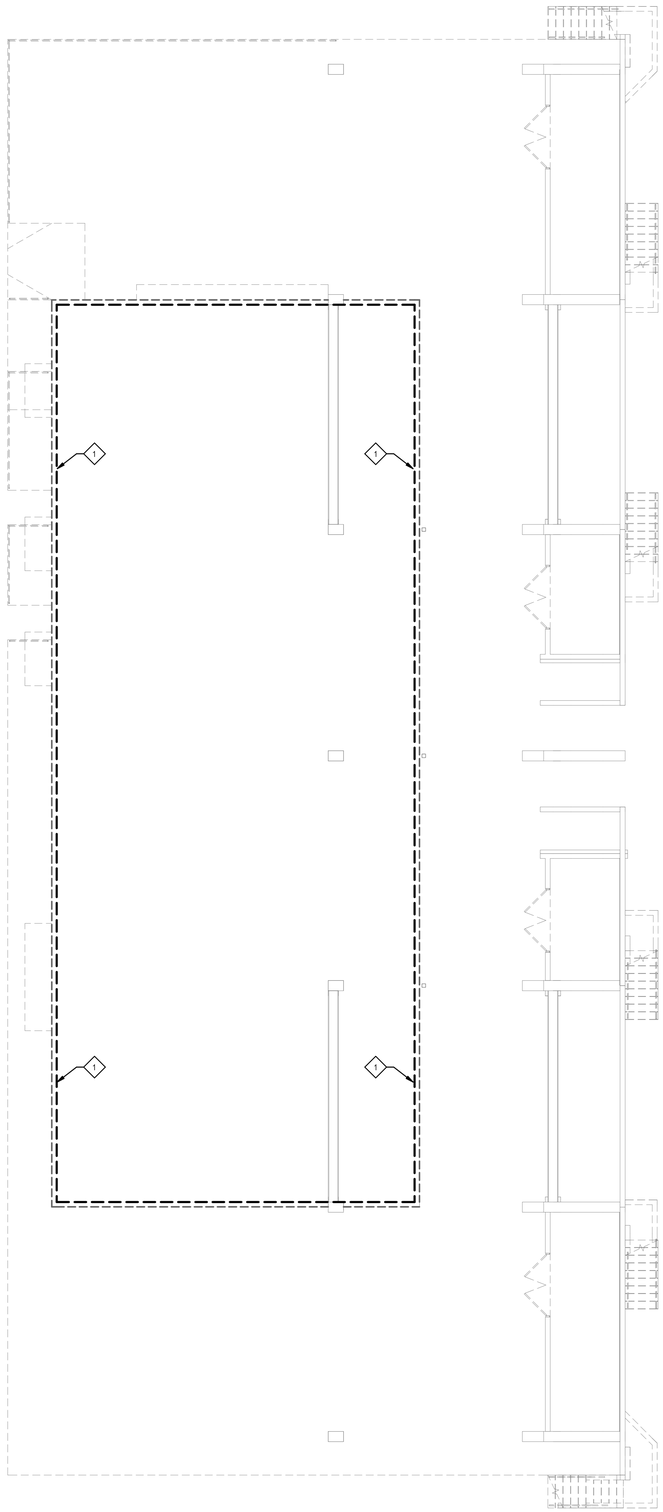
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PHASE: SOFTBALL LOCKER ROOM & DUGOUT - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:58:50 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EXISTING FOOTBALL FACILITY TO BE FULLY DEMOLISHED. DEMOLISH AND REMOVE ALL PLUMBING FIXTURES. DEMOLISH ALL DOMESTIC WATER PIPING AND CAP FOR FUTURE RECONNECTION. DEMOLISH ALL SANITARY AND VENT PIPING ABOVE AND BELOW SLAB.

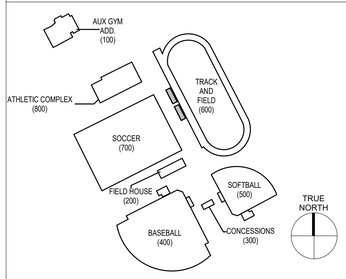


1 FIRST FLOOR DEMOLITION PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - PLUMBING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS DEMOLITION PLAN - PLUMBING

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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No.	Description	Date

SHEET

PD6.1

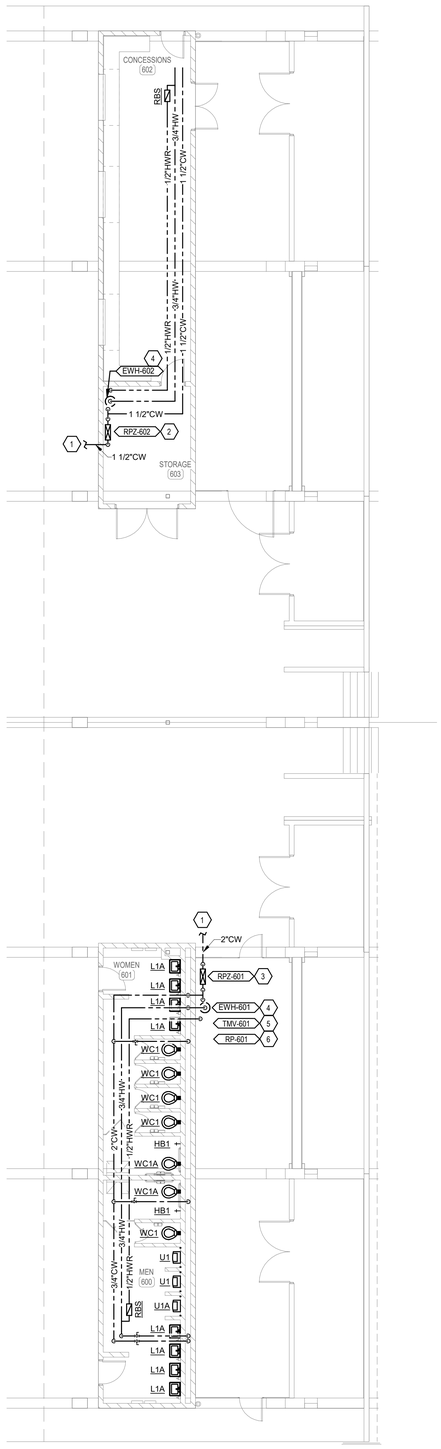
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PD6.1 GRANDSTANDS DEMOLITION PLAN - PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009B-Allen Co. v26 MEP.rvt
3/26/2026 11:36:51 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

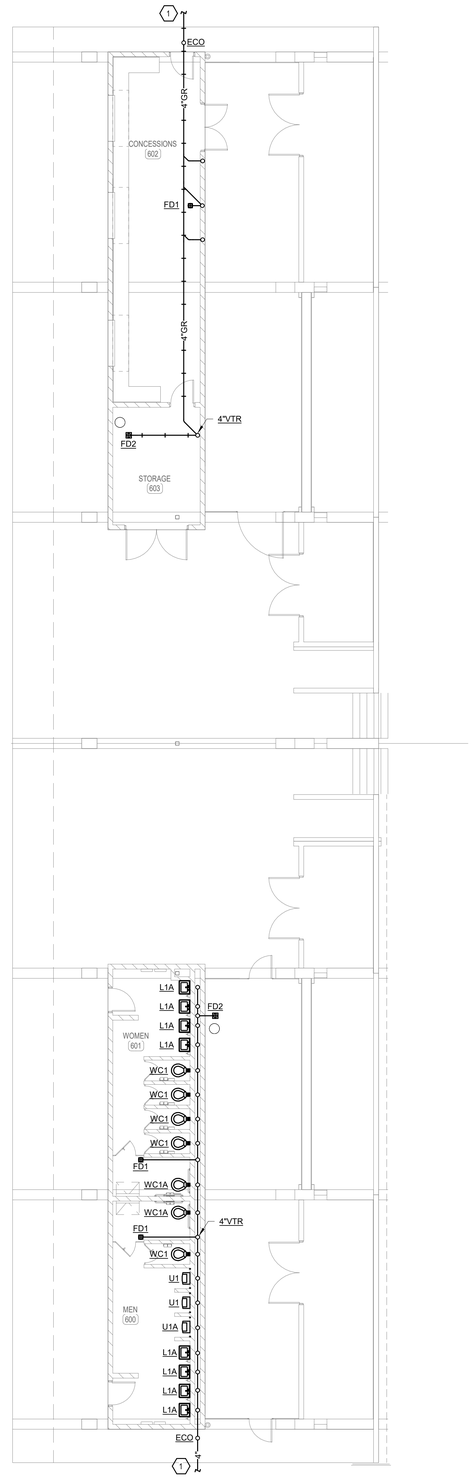
1. REFER TO PLUMBING SITE UTILITIES PLAN U1.2 FOR CONTINUATION.
2. 1-1/2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
3. 2" REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY. REFER TO SCHEDULE AND DETAILS.
4. PROVIDE AND INSTALL ELECTRIC WATER HEATER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE AND INSTALL HOT WATER RECIRCULATION PUMP. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.



FIRST FLOOR PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - DOMESTIC WATER

2 SCALE: 1/8" = 1'-0"

0 4' 8' 16'

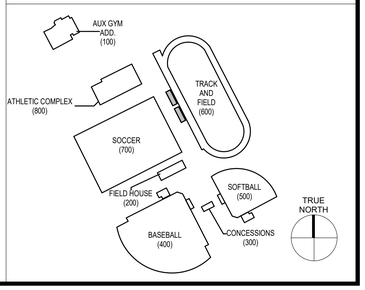


FIRST FLOOR PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - SANITARY SEWER

1 SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS - PLUMBING

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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No.	Description	Date

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P6.1

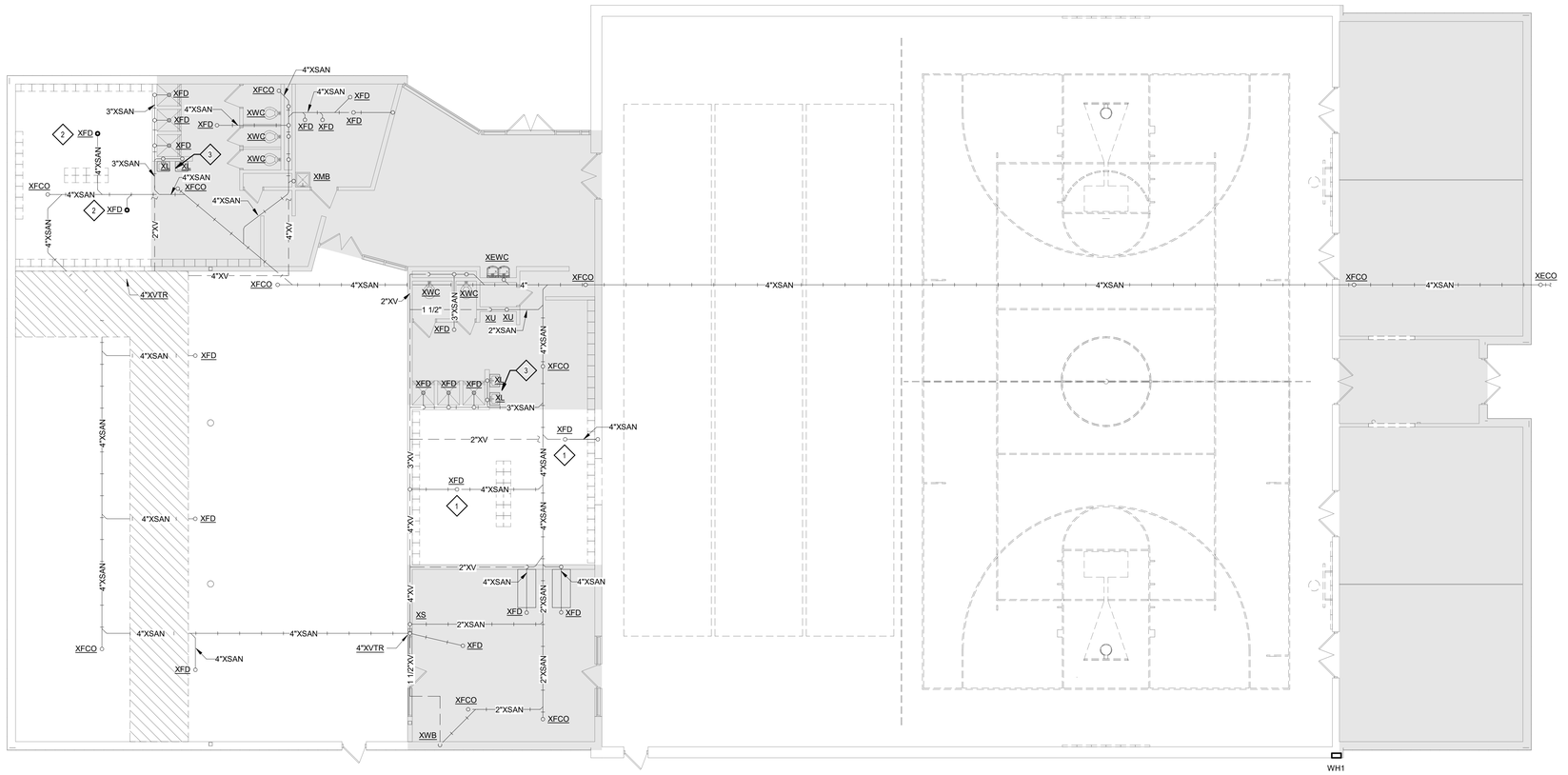
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
RBS / DRAWINGS / ARCHITECTURAL / PLUMBING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:56:36 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EXISTING FLOOR DRAIN TO REMAIN.
2. EXISTING FLOOR DRAIN TO BE DEMOLISHED AND REMOVED. SANITARY LINE TO BE PLUGGED.
3. EXISTING SINKS TO REMAIN. COORDINATE NEW DIVIDER WALL AROUND SINKS.

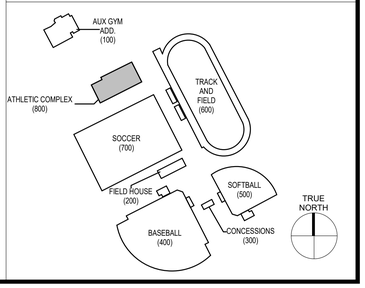


1 FIRST FLOOR DEMOLITION PLAN - ATHLETIC COMPLEX PLAN - SANITARY SEWER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX DEMOLITION PLAN - SANITARY SEWER

JOB NO.	2459
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No.	Description	Date

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PD8.1

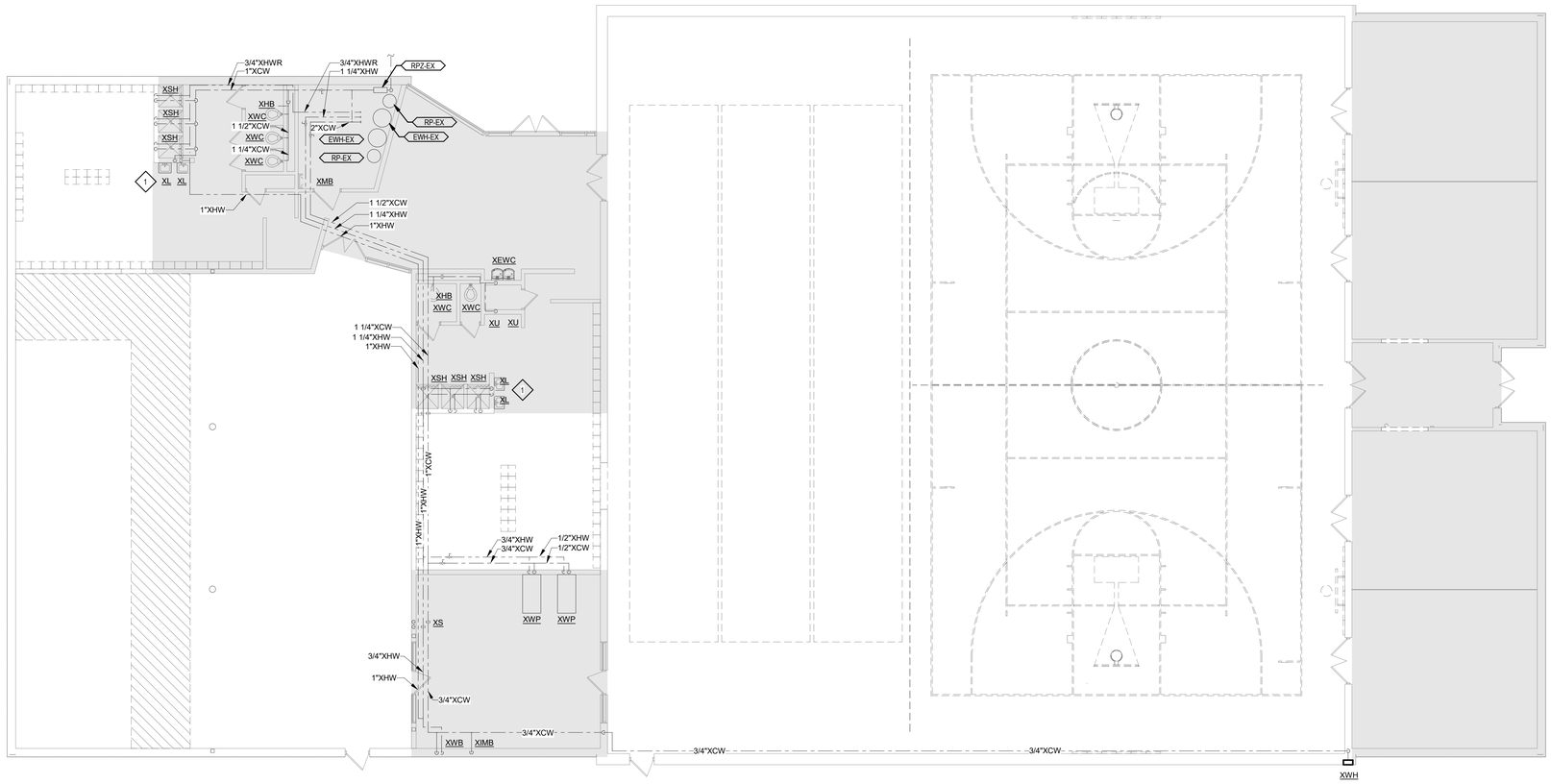
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PD8.1 ATHLETICS COMPLEX DEMOLITION PLAN - SANITARY SEWER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25058-Allen Co. v26 MEP.rvt
3/20/2026 11:37:01 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EXISTING SINKS TO REMAIN. COORDINATE NEW DIVIDER WALL AROUND SINKS.

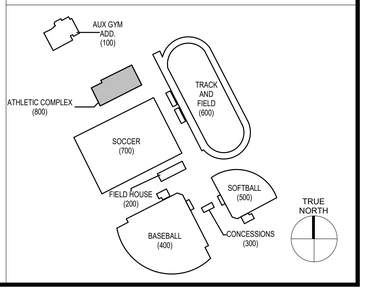


1 FIRST FLOOR DEMOLITION PLAN - ATHLETIC COMPLEX PLAN - DOMESTIC WATER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX DEMOLITION PLAN - DOMESTIC WATER

JOB NO.	2459
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PD8.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PD8.2 ATHLETICS COMPLEX DEMOLITION PLAN - DOMESTIC WATER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2509-Allen Co. v26 MEP.rvt
3/30/2026 11:57:06 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

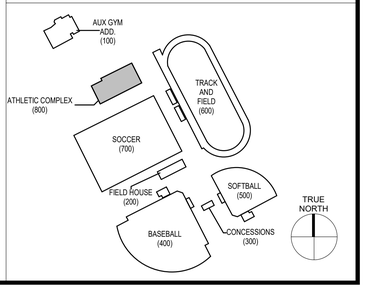
1. COORDINATE NEW DIVIDING WALL AROUND EXISTING SANITARY VENTS.

1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - SANITARY SEWER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - SANITARY SEWER

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No.	Description	Date

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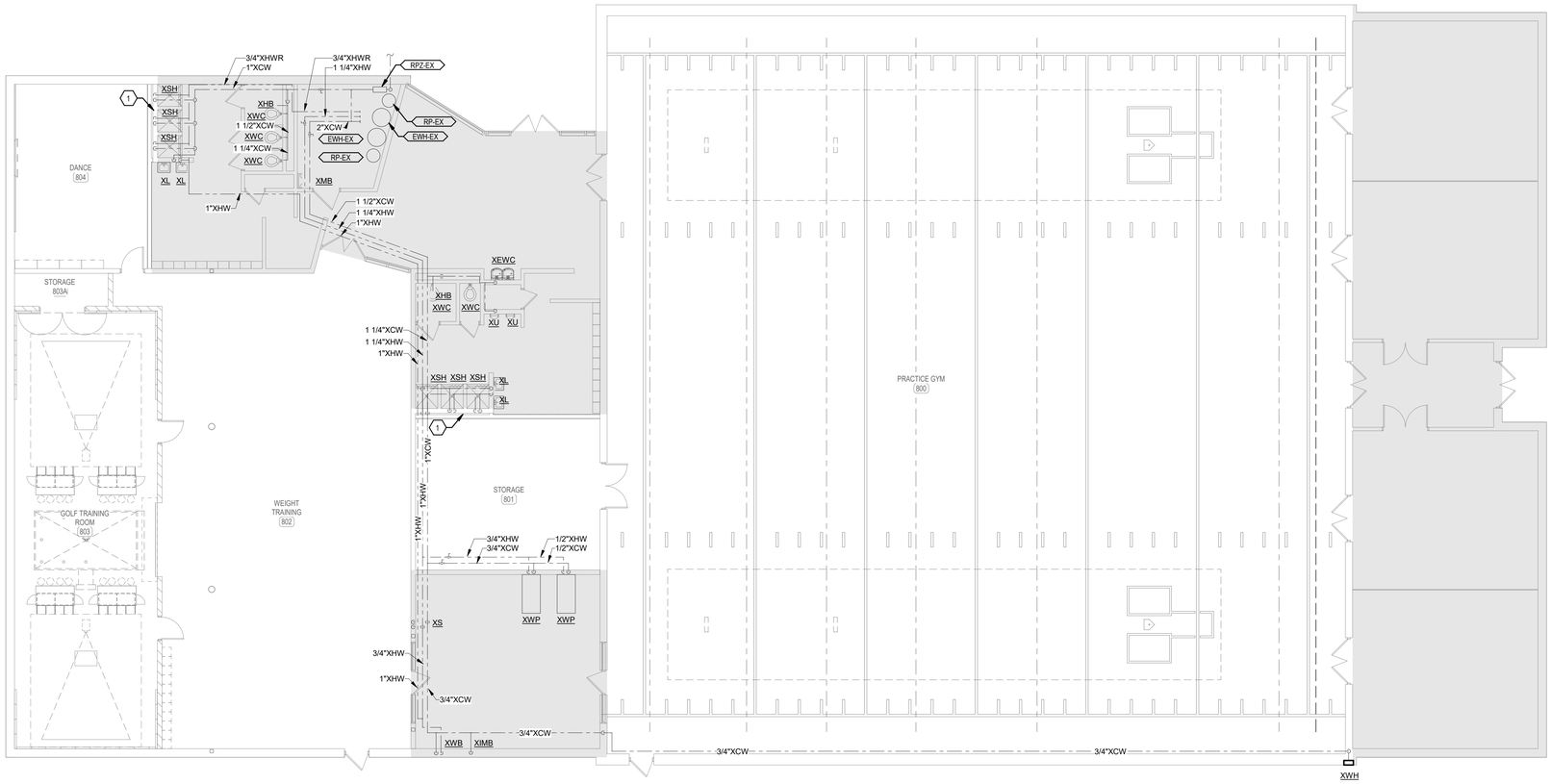
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P8.1 ATHLETICS COMPLEX NEW WORK PLAN - SANITARY SEWER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 11:57:11 AM

GENERAL NOTES

A. REFER TO SHEET P0.1 FOR PLUMBING LEGEND AND GENERAL NOTES.

⬡ SHEET KEYNOTES

1. COORDINATE NEW DIVIDING WALL AROUND EXISTING WATER MAINS SERVING SHOWERS.

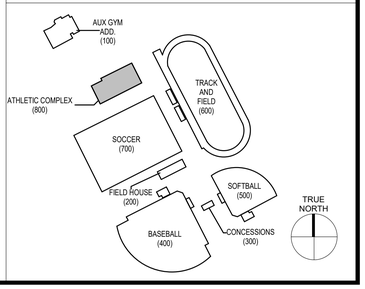


1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - DOMESTIC WATER

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - DOMESTIC WATER

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No.	Description	Date

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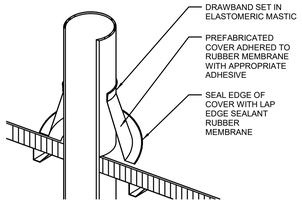
P8.2

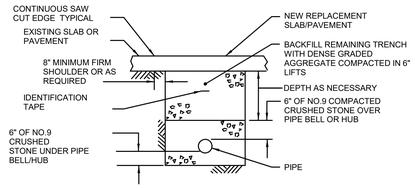
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P8.2 ATHLETICS COMPLEX NEW WORK PLAN - DOMESTIC WATER
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/26/2026 11:57:15 AM



NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL FLASHING.

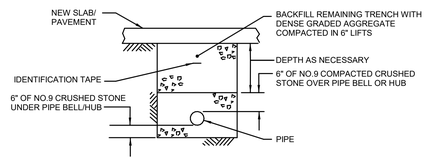
TYPICAL VENT THROUGH ROOF DETAIL

NOT TO SCALE



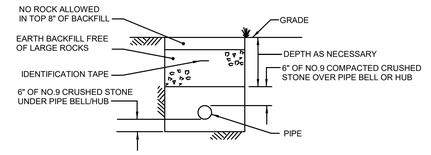
TRENCH DETAIL FOR EXISTING SLAB/PAVEMENT

NOT TO SCALE



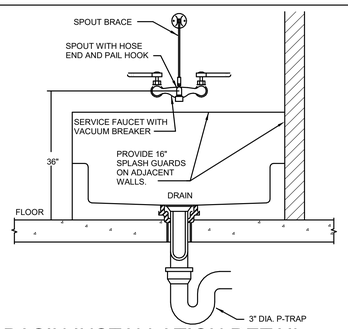
TRENCH DETAIL FOR NEW SLAB/PAVEMENT

NOT TO SCALE



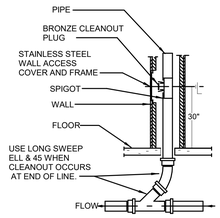
TRENCH DETAIL FOR EARTH COVER

NOT TO SCALE



MOP BASIN INSTALLATION DETAIL

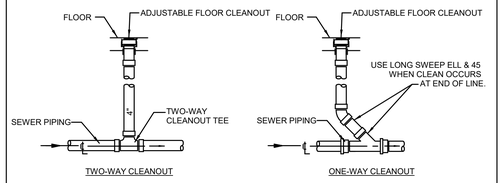
NOT TO SCALE



NOTE:
EXPOSED PIPE WITH CLEANOUT SAME EXCEPT OMIT ACCESS COVER AND FRAME.

TYPICAL WALL CLEANOUT DETAIL

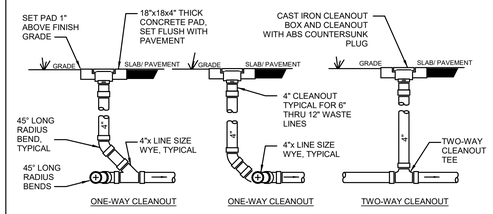
NOT TO SCALE



CLEANOUTS IN STRAIGHT RUNS OF PIPING SHALL BE TWO-WAY TYPE, UNLESS OTHERWISE SHOWN AND OR NOTED.

TYPICAL INTERIOR CLEANOUT DETAIL

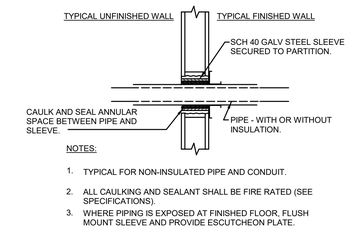
NOT TO SCALE



CLEANOUTS IN STRAIGHT RUNS OF PIPING SHALL BE TWO-WAY TYPE, UNLESS OTHERWISE SHOWN AND OR NOTED.

TYPICAL EXTERIOR CLEANOUT DETAILS

NOT TO SCALE

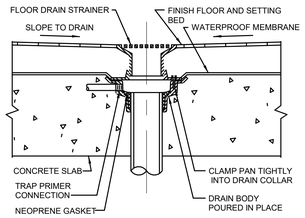


NOTES:

1. TYPICAL FOR NON-INSULATED PIPE AND CONDUIT.
2. ALL CAULKING AND SEALANT SHALL BE FIRE RATED (SEE SPECIFICATIONS).
3. WHERE PIPING IS EXPOSED AT FINISHED FLOOR, FLUSH MOUNT SLEEVE AND PROVIDE ESCUTCHEON PLATE.

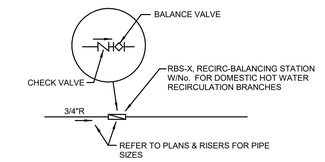
PIPE PENETRATION THROUGH INTERIOR WALL DETAIL

NOT TO SCALE



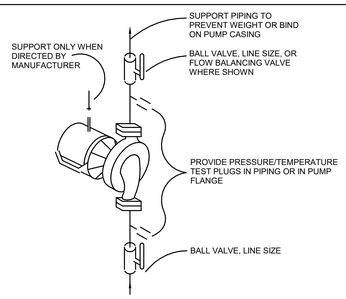
FLOOR DRAIN DETAIL

NOT TO SCALE



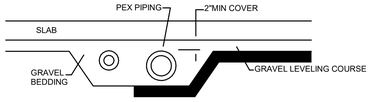
RECIRC-BALANCING STATION (RBS) FOR HOT WATER RECIRCULATION PIPING

NOT TO SCALE



DOMESTIC HOT WATER RECIRCULATOR PUMP DETAIL

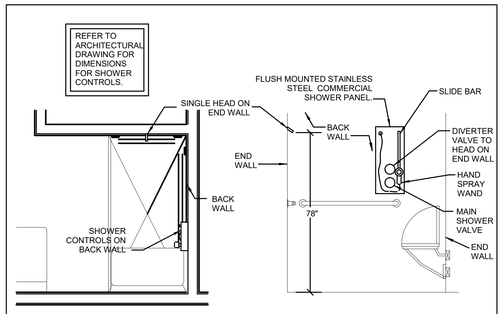
NOT TO SCALE



NOTE:
1. TYPICAL FOR ALL INTERIOR UNDER SLAB DOMESTIC WATER AND TRAP PRIMER PIPING.

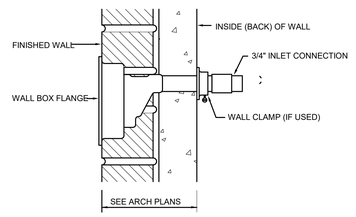
UNDER SLAB WATER PIPING DETAIL

NOT TO SCALE



SHOWER DETAIL

NOT TO SCALE



FREEZEPROOF WALL HYDRANT DETAIL

NOT TO SCALE

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STATE OF KENTUCKY BRADLEY NATION 27171 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

P9.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
REVIT MODEL: 2459_ALLEN_ATHLETIC_FIELDS_MEP_R24.rvt
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/26/2026 11:37:17 AM

THERMOSTATIC MIXING VALVE SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	FLOW RANGE GPM	FLOW AT 5 PSIG DROP	TEMP. RANGE	SET POINT TEMP °F	CONNECTIONS INLETS (H/C)	CONNECTIONS OUTLET	REMARKS
TMV-101	LEONARD	TM-26-LF	AUXILARY GYMNASIUM	1 - 26	7	70 - 140	120	3/4"	3/4"	ALL
TMV-201	LEONARD	TM-420B	FIELDHOUSE	1 - 44	12	70 - 140	120	3/4"	1"	ALL
TMV-301	LEONARD	TM-820B-LF	CONCESSIONS BUILDING	1 - 89	26	70 - 140	120	1"	1-1/4"	ALL
TMV-601	LEONARD	TM-26-LF	FOOTBALL GRANDSTAND	1 - 26	7	70 - 140	120	3/4"	3/4"	ALL
TMV-602	LEONARD	TM-26-LF	FOOTBALL GRANDSTAND	1 - 26	7	70 - 140	120	3/4"	3/4"	ALL

REMARKS:
1. PREPIPED AND TESTED HIGH LOW TEMPERED WATER MIXING ASSEMBLY. REFER TO PUMP SCHEDULE FOR RECIRCULATION PUMP REQUIREMENTS
2. BALL VALVES, THERMOMETERS, CIRCUIT SETTER, CHECK VALVES, AQUASTAT, AND PUMP SWITCH ARRANGED AND INSTALLED PER MFGR'S DIAGRAM
3. ALL WET COMPONENTS SHALL BE ASSE LEAD FREE CERTIFIED
4. THERMOSTATIC MIXING VALVE SHALL BE ASSE 1017 CERTIFIED
5. INSTALL PER MFGR'S. INSTRUCTIONS TO ALLOW 1 GPM MINIMUM FLOW
OTHER ACCEPTABLE MANUFACTURERS INCLUDE: POWERS, LAWLER. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	FLOW (GPM)	HEAD (FT)	RPM	CONNECTIONS INLET	CONNECTIONS OUTLET	ELECTRICAL HP	ELECTRICAL V / Ø / Hz	ELECTRICAL MCA	ELECTRICAL MOCP	REMARKS
RP-101	TACO	006-e3 ECM	AUXILIARY GYMNASIUM	2	9	1,590	3/4"	3/4"	44W	120/1/60	0.54	20	ALL
RP-201	TACO	006-e3 ECM	FIELDHOUSE	1	12	1,590	3/4"	3/4"	44W	120/1/60	0.54	20	ALL
RP-601	TACO	006-e3 ECM	FOOTBALL GRANDSTANDS	1	12	1,590	3/4"	3/4"	44W	120/1/60	0.54	20	ALL
RP-602	TACO	006-e3 ECM	FOOTBALL GRANDSTANDS	1	12	1,590	3/4"	3/4"	44W	120/1/60	0.54	20	ALL
SP-01	WEIL	1408	GEO VAULT	-	24	-	---	1-1/4"	1/3	120/1/60	8.5	20	-

REMARKS:
1. VARIABLE SPEED.
2. LEAD FREE
3. 145 PSI MAXIMUM WORKING PRESSURE.
4. 230° MAXIMUM OPERATING TEMPERATURE.
OTHER ACCEPTABLE MANUFACTURERES INCLUDE: BELL & GOSSETT, GRUNDFOS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

BACKFLOW PREVENTER SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	LOCATION	SIZE	MAX. WATER PRESSURE	REMARKS
RPZ-201	AMES	LF009NRS	REDUCED PRESSURE ZONE	FIELDHOUSE	3"	175 PSI	1,2,4
RPZ-301	AMES	LF009	REDUCED PRESSURE ZONE	CONCESSIONS BUILDING	2"	175 PSI	1,3,4
RPZ-401	AMES	LF009	REDUCED PRESSURE ZONE	BASEBALL DUGOUT	1-1/2"	175 PSI	1,3,4
RPZ-501	AMES	LF009	REDUCED PRESSURE ZONE	SOFTBALL DUGOUT	1-1/2"	175 PSI	1,3,4
RPZ-601	AMES	LF009	REDUCED PRESSURE ZONE	FOOTBALL GRANDSTANDS	2"	175 PSI	1,3,4
RPZ-602	AMES	LF009	REDUCED PRESSURE ZONE	FOOTBALL GRANDSTANDS	1-1/2"	175 PSI	1,3,4

REMARKS:
1. STAINLESS STEEL BODY
2. NON-RISING STEM GATE VALVES
3. WITH BUTTERFLY GATE VALVES ON INLET AND OUTLET
4. WITH STRAINER
OTHER ACCEPTABLE MANUFACTURER'S INCLUDE: WATTS, ZURN WILKINS

EXPANSION TANK SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	TANK VOLUME (GAL)	ACCEPTANCE FACTOR	REMARKS
ET-101	AMTROL	ST-12	AUXILARY GYMNASIUM	4.4	0.73	ALL
ET-201	AMTROL	ST-12	FIELDHOUSE	4.4	0.73	ALL
ET-301	AMTROL	ST-12	CONCESSIONS BUILDING	4.4	0.73	ALL
ET-601	AMTROL	ST-12	FOOTBALL GRANDSTANDS	4.4	0.73	ALL
ET-602	AMTROL	ST-12	FOOTBALL GRANDSTANDS	4.4	0.73	ALL

REMARKS:
1. ASME RATED
2. 150 PSIG MAXIMUM WORKING PRESSURE
3. 200 DEG. F MAXIMUM OPERATING TEMPERATURE
4. HEAVY DUTY BUTYL DIAPHRAM
5. NSF/ANSI 61 COMPLIANT
6. ANTI-MICROBIAL LINER
7. STAINLESS STEEL CONNECTION WITH SCHRADER VALVE
8. FACTORY PRECHARGE 40 PSIG
9. FACTORY PRIMER PAINTED
OTHER ACCEPTABLE MANUFACTURERS INCLUDE: WESSELS, WATTS.
REFER TO SPECIFICIATIONS FOR ADDITIONAL REQUIREMENTS.

GREASE TRAP SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	DIMENSIONS LxWxD	INLET/ OUTLET (IN)	WEIGHT (LBS)	REMARKS
GT-01	OLD CASTLE	GT-1000	FOOTBALL GRANDSTANDS	95" x 48" x 72"	4" / 4"	18,100	ALL
GT-02	OLD CASTLE	GT-1000	BASEBALL/SOFTBALL CONCESSIONS	95" x 48" x 72"	4" / 4"	18,100	ALL

REMARKS:
1. INSTALL 1000 GALLON GREASE TRAP OUTSIDE BUILDING AS SHOWN AND DETAILED ON PLANS
2. MANUFACTURER NAME, "GREASE TRAP, AND CAPACITY (GAL) SHALL BE CAST INTO TOP OF UNIT
3. CONCRETE: 28 DAY COMPRESSIVE STRENGTH ( ) = 5,000 PSI
4. STEEL REINFORCING: ASTM A-615 GRADE 60, WITH 1" COVER ON STEEL
5. VAULT DESIGN SHALL MEET ASTM C858 AND ACI 318 WITH AASHTO HS-20 LOADING
6. EARTH COVER 0 TO 24"
7. JOINT DOUBLE SEAL WITH 1-1/4" DIAMETER 'CONSEAL" OR EQUIVALENT
OTHER ACCEPTABLE MANUFACTURERS INCLUDE: SHERMAN DIXIE, BARDSTOWN PRECAST, AND CONCRETE MATERIALS (RICHMOND,KY). REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

WATER HAMMER ARRESTOR SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	PIPE SIZE INCHES	FIXTURE UNITS	REMARKS
H - A	JOSAM	75001A	SEE PLANS	3/4"	1-11	ALL
H - B	JOSAM	75002B	SEE PLANS	1"	12-32	ALL
H - C	JOSAM	75003C	SEE PLANS	1"	33-60	ALL
H - D	JOSAM	75004D	SEE PLANS	1"	61-113	ALL

REMARKS:
1. SIZING PER PLUMBING DRAINAGE INSTITUTE (PDI) STANDARD PDI-WH201, LATEST EDITION
2. INSTALL ON HOT & COLD SUPPLY TO EACH INDIVIDUAL FIXTURE
3. INSTALL AT END AND MIDDLE OF EACH PIPE HEADER IN FIXTURE BATTERY
4. ASSE 1010 CERTIFIED
5. LEAD FREE
6. INSTALL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS
OTHER ACEPPTABLE MANUFACTURES INCLUDE: SIOUX CHIEF, WATTS.
REFER TO SPECIFICATIONS FOR ADDITIONAL RQMT'S

CONNECTED GAS LOAD SCHEDULE

EQUIPMENT	LOCATION (ROOM NO.)	INPUT CFH EA.	QTY.	TOTAL CFH
AUXILLIARY GYMNASIUM				
GWH-101	MECHANICAL 111	100	1	100
RTU-101	ROOF	300	1	300
RTU-102	ROOF	300	1	300
RTU-103	ROOF	150	1	150
			TOTAL CONNECTED LOAD:	**850**
FIELDHOUSE				
GWH-201	MECHANICAL 111	199	1	199
RTU-201	ROOF	300	1	300
RTU-202	ROOF	200	1	200
			TOTAL CONNECTED LOAD:	**699**
			TOTAL CONNECTED LOAD:	**1,549**

REMARKS:
1. COORDINATE LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.
2. VERIFY MIN. AND MAX. GAS PRESSURE FOR EACH PIECE OF EQUIPMENT PRIOR TO PURCHASING REGULATORS.
3. ALL INDIVIDUAL PIECES OF EQUIPMENT SHALL HAVE REGULATOR, LUBRICATED PLUG COCK SHUT-OFF VALVE, AND DIRT LEG UNLESS NOTED OTHERWISE. REFER TO EQUIPMENT CONNECTION DETAIL.

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL / TYPE	TRIM	CW	HW	TRAP	WASTE	VENT	***MOUNTING HEIGHT	REMARKS	OTHER ACCEPTABLE MANUFACTURERS
WC1	AMERICAN STANDARD	2257.101 AFWALL WATER CLOSET, WALL HUNG, FLUSH VALVE	FLUSH VALVE: AMERICAN STANDARD 6065.161.002, BATTERY POWERED SEAT: AMERICAN STANDARD 5905.100, ELONGATED, EXTRA HEAVY DUTY	1"	---	INTEGRAL	4"	2"	WALL HUNG: RIM: 15"	VITREOUS CHINA, ELONGATED BOWL, 1.6 GPM, BATTERY POWERED FLUSH VALVE, EXTRA HEAVY DUTY OPEN FRONT SEAT LESS COVER, HEAVY DUTY FLOOR MOUNTED CARRIER	WC: KOHLER, ZURN FV: KOHLER, SLOAN
WC1A	AMERICAN STANDARD	2257.101 AFWALL WATER CLOSET, WALL HUNG, FLUSH VALVE, ADA COMPLIANT	FLUSH VALVE: AMERICAN STANDARD 6065.161.002, BATTERY POWERED SEAT: AMERICAN STANDARD 5905.100, ELONGATED, EXTRA HEAVY DUTY	1"	---	INTEGRAL	4"	2"	WALL HUNG: RIM: 17"	VITREOUS CHINA, ELONGATED BOWL, 1.6 GPM, BATTERY POWERED FLUSH VALVE, EXTRA HEAVY DUTY OPEN FRONT SEAT LESS COVER, HEAVY DUTY FLOOR MOUNTED CARRIER	WC: KOHLER, ZURN FV: KOHLER, SLOAN
U1	AMERICAN STANDARD	6590.001 WASHBROOK URINAL, WALL HUNG, BATTERY FLUSH VALVE	FLUSH VALVE: AMERICAN STANDARD ULTIMA 6063.051.002, TOP SPUD, BATTERY POWERED	3/4"	---	INTEGRAL	2"	2"	WALL HUNG: RIM: 24"	VITREOUS CHINA, 0.5 GPF, HEAVY DUTY FLOOR MOUNTED CARRIER	WC: KOHLER, ZURN FV: KOHLER, SLOAN
U1A	AMERICAN STANDARD	6590.001 WASHBROOK URINAL, ADA WALL HUNG, BATTERY FLUSH VALVE	FLUSH VALVE: AMERICAN STANDARD ULTIMA 6063.051.002, TOP SPUD, BATTERY POWERED	3/4"	---	INTEGRAL	2"	2"	WALL HUNG: RIM: 17"	VITREOUS CHINA, 0.5 GPF, HEAVY DUTY FLOOR MOUNTED CARRIER	WC: KOHLER, ZURN FV: KOHLER, SLOAN
L1A	AMERICAN STANDARD	0355.012 LUCERNE, WALL HUNG LAVATORY, CONCEALED ARM SUPPORT	FAUCET: AMERICAN STANDARD MONTERREY 6114.116.002 SINGLE LEVER, INDEXED METAL LEVER HANDLE, GRID DRAIN, LESS POP-UP, 4" CENTERS, LOOSE KEY OPERATED SUPPLY STOPS, 18" CHROME PLATED SUPPLIES	1/2"	1/2"	1-1/4"	2"	2"	WALL HUNG: RIM: 34" VERIFY WITH ARCHITECT	VITREOUS CHINA, 20-1/2"x19-1/4", 4" CENTERS, PROVIDE WITH TRUEBRO LAV GUARD 2 #103 E-Z P-TRAP, ANGLE VALVES, SUPPLY, AND OFFSET TAIL PIECE COVERS	LAV: KOHLER, ZURN FAUCET: KOHLER, SLOAN
S1	ELKAY	SS8345LR THREE BOWL SINK WITH RIGHT AND LEFT DRAINBOARD	FAUCET: T&S BRASS 5PR-8W12-C PRE-RINSE UNIT, BRASS BODY, 12-1/8" SWING NOZZLE, LEVER HANDLES, 44" FLEXIBLE STAINLESS STEEL HOSE, 1.2 GPM TRIM: DRAIN, OFFSET TAIL PIECE, P-TRAP, LOOSE KEY OPERATED SUPPLIES AND STOPS	1/2"	1/2"	3"	3"	2"	FLOOR SET	93"x27-1/2"x44" #14 GAUGE, TYPE 304 STAINLESS STEEL SCULLERY SINK. COMPARTMENTS 14" DEEP. SQUARE CORNER WELDED CONSTRUCTION. FULL LENGTH 8" HIGH BACK-SPLASH WITH 45° SLOPED TOP. 1-1/2" WIDE INWARD SLOPING TOP CHANNEL RIMS. INTEGRAL DRAINBOARDS, SINK COMPARTMENTS PITCHED TO DRAIN. EXPOSED SURFACES POLISHED TO A SATIN FINISH.	S1: ACORN, AMERICAN STANDARD
MB1	FIAT	TSB100 TERRAZZO MOP SINK	FAUCET: 830AA WITH CONTINUOUS PRESSURE VACUUM BREAKER TRIM: 832AA HOSE AND HANGER, MSG WALL GUARDS	3/4"	3/4"	3"	3"	2"	FLOOR SET	24" X 24" X 12", STAINLESS STEEL CAPS ON ALL SIDES, ACCESSIBLE CHECK VALVES ON SUPPPLIES	MB: ACORN, ELKAY
SH1A	AMERICAN STANDARD	TU662.213 COMMERCIAL SHOWER SYSTEM KIT	TRIM: COMMERICAL SHOWER SYSTEM KIT VARIATIONS: PRESSURE BALANCE VALVE AND 36" SLIDE BAR INCLUDED, WITH WALL SUPPLY AND DIVERTER VALVE, WITH 3-FUNCTION HAND SHOWER	1/2"	1/2"	---	---	---	---	METAL LEVER HANDLE, INCLUDES VALVE BODY, POLISHED CHROME FINISH, PRESSURE BALANCE SHOWER VALVE WITH SCREWDRIVER STOP, DIRECT SWEAT INLETS/OUTLETS, VALVE TRIM, LEVER HANDLE, 1/2" NPT INLETS/OUTLETS. POLISHED CHROME VACCUM BREAKER	SH: KOHLER, SLOAN
SH1	AMERICAN STANDARD	1662.211.002 FLOWISE COMMERCIAL SHOWER SYSTEM	TRIM: FLOWISE COMMERICAL SHOWER SYSTEM KIT VARIATIONS: PRESSURE BALANCE VALVE AND 36" SLIDE BAR INCLUDED, WITH 3-FUNCTION HAND SHOWER	1/2"	1/2"	---	---	---	---	METAL LEVER HANDLE, INCLUDES VALVE BODY, POLISHED CHROME FINISH, PRESSURE BALANCE SHOWERE VALVE WITH SCREWDRIVER STOP, DIRECT SWEAT INLETS/OUTLETS. VALVE TRIM ONLY. 1/2" NPT INLETS/OUTLETS. LESS HANDLE, POLISHED CHROME VACCUM BREAKER	SH: KOHLER, SLOAN
EWC1A	ELKAY	LZSTL8WSSK EZH2O BI-LEVEL ADA ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION	TRIM: LKAPREZL ACCESSORY APRON, MLP200 IN-WALL CARRIER, CHROME P-TRAP, LOOSE KEY OPERATED SUPPLY STOPS, 18" CHROME PLATED SUPPLY	1/2"	---	1-1/4"	2"	2"	WALL HUNG: LOW: 36" HIGH: 40" TO SPOUT	8 GPH OF FILTERED CHILLED WATER, STAINLESS STEEL FINISH, FLEXIBLE SAFETY BUBBLER, TOUCHLESS SENSOR ACTIVATION, LED FILTER STATUS, FILTER CERTIFIED TO NSF 42, 53, & 372, 1500 GAL. FILTER CAPACITY, GREEN TICKER, LAMINAR FLOW	EWC: ACORN, MURDOCK
HB1	WOODFORD	B24P-3/4" HOSE BIBB, ENCLOSED BOX	CHROME PLATED BRASS, LOOSE TEE KEY	3/4"	---	---	---	---	WALL MOUNT: 18" A.F.F.	COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	HB: WATTS, MURDOCK
WH1	WOODFORD	MODEL B68 FREEZELESS WALL HYDRANT, ENCLOSED BOX	FLIP DOWN S.S. COVER, ALL BRONZE INTERIOR PARTS, REPLACEABLE BRONZE SEAT AND WASHER, LOOSE TEE KEY	3/4"	---	---	---	---	WALL MOUNT: 18" A.F.G.	COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	WH: WATTS, ZURN
IMB1	SIOUX CHIEF	696RG1010CF FIRE RATED ICE MAKER BOX	QUARTER TURN BALL VALVE, WITH ARRESTORS	1/2"	---	---	---	---	BOTTOM: 48" A.F.F.	---	IMB: GUY GRAY
WB1	GUY GRAY	SSWB1TM STAINLESS STEEL WASHER BOX	CENTER DRAIN, QUARTER TURN BALL VALVES	1/2"	1/2"	2"	2"	2"	BOTTOM: 48" A.F.F.	---	WB: SIOUX CHIEF
SD1	JOSAM	30002-5A 5" ROUND SHOWER DRAIN	CAST IRON BODY, SATIN FINISH NIKALOY TOP	---	---	2"	2"	2"	FLOOR SET	REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	SD: WADE, J.R. SMITH
FD1	JOSAM	30004-6S-VP-X, 4" ROUND VANDAL PROOF FLOOR DRAIN, INSIDE CAULK	CAST IRON BODY, 6" SQUARE SATIN FINISH NIKALOY TOP, 1/2" TRAP PRIMER CONNECTION.	1/2"	---	4"	4"	2"	FLOOR SET	REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION, COORDINATE WITH ALL FLOOR SLOPES. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	FD: WADE, J.R. SMITH
FD2	JOSAM	30004-8S-VP-X, 4" ROUND VANDAL PROOF FLOOR DRAIN, INSIDE CAULK	CAST IRON BODY, 8" SQUARE SATIN FINISH NIKALOY TOP, 1/2" TRAP PRIMER CONNECTION.	1/2"	---	4"	4"	2"	FLOOR SET	REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION, COORDINATE WITH ALL FLOOR SLOPES. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	FD: WADE, J.R. SMITH
FCO	JOSAM	55000-1-SQ-22-X INTERIOR CLEANOUT, SQUARE, SATIN FINISH NIKALOY TOP, BRONZE PLUG, INSIDE CAULK	COATED CAST IRON BODY, WITH SATIN FINISH NIKALOY TOP	---	---	---	2"-4"	---	FLOOR	LINE SIZE UP TO 4", 4" MAXIMUM. COORDINATE FLOOR TYPE WITH ARCH. DRAWINGS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	FCO: WADE, J.R. SMITH
ECO	JOSAM	55000-22-VP-X HEAVY DUTY EXTERIOR CLEANOUT, BRONZE PLUG, VANDAL PROOF, INSIDE CAULK	COATED CAST IRON BODY	---	---	---	2"-4"	---	GROUND	LINE SIZE UP TO 4", 4" MAXIMUM. COORDINATE FLOOR TYPE WITH ARCH. DRAWINGS. COLOR/FINISH SHALL BE SELECTED BY ARCHITECT.	ECO: WADE, J.R. SMITH

***NOTE: MOUNTING HEIGHTS SHOWN ARE FOR INFORMATION ONLY. ALL MOUNTING HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND DETAILS PRIOR TO ROUGH-IN. IN EVENT OF DISCREPANCIES, INFORMATION SHOWN IN ARCHITECTURAL DRAWINGS SHALL GOVERN.

ELECTRIC WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	TANK CAPACITY (GAL)	GAL./HR RECOVERY AT 100°F RISE	EXPANSION TANK #	RECIRCULATION PUMP #	MIXING VALVE #	ELECTRICAL KW	ELECTRICAL V / Ø / Hz	ELECTRICAL MCA	ELECTRICAL MOCP	REMARKS
EWH-301	AO SMITH	DRE-52-12.3	CONCESSIONS BUILDING	50	50	ET-301	N/A	TMV-301	12.3	208/3/60	42.5	60	1,2,3,4
EWH-401	AO SMITH	UPVA-35K	BASEBALL DUGOUT	TANKLESS	N/A	-	-	-	3.5	120/1/60	29	30	5,6,7,8
EWH-501	AO SMITH	UPVA-35K	SOFTBALL DUGOUT	TANKLESS	N/A	-	-	-	3.5	120/1/60	29	30	5,6,7,8
EWH-601	AO SMITH	DEL-6S-2	FOOTBALL GRANDSTANDS	6	9	ET-601	RP-601	TMV-601	2	120/1/60			1,2,3,4
EWH-602	AO SMITH	DEL-6S-2	FOOTBALL GRANDSTANDS	6	9	ET-601	RP-601	TMV-601	2	120/1/60			1,2,3,4

REMARKS:
1. PROVIDE WITH ASME APPROVED TEMPERATURE AND PRESSURE RELIEF VALVE.
2. SET AT 140 DEGREES. INSTALL MIXING VALVE TO PROVIDE 120 DEGREES TO FIXTURES. REFER TO DETAILS FOR PIPING REQUIREMENTS.
3. PROVIDE WITH IMMERSION TYPE THERMOSTAT.
4. MOUNT ON 4" HIGH CONCRETE EQUIPMENT PAD.
5. POINT OF USE TANKLESS TYPE HEATER.
6. INSTALL IN MECHANICAL ROOM BEHIND SINK.
7. COORDINATE INSTALLATION WITH SINK WASTE AND SUPPLIES.
8. T&P VALVE NOT REQUIRED.
OTHER ACCEPTABLE MANUFACTURERS INCLUDE: STATE, LOCHINVAR. REFER TO SPECIFICIATIONS FOR ADDITIONAL REQUIREMENTS.

GAS WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	TANK CAPACITY (GAL)	RECOVERY AT 100°F RISE	EXPANSION TANK #	RECIRCULATION PUMP #	MIXING VALVE #	NATURAL GAS BTUH INPUT	NATURAL GAS BTUH EFFICIENCY	ELECTRICAL V / Ø / Hz	ELECTRICAL MOCP	REMARKS
GWH-101	AO SMITH	BTH-100(A)	AUXILIARY GYM	60	115	ET-101	RP-101	TMV-101	100,000	97%	120/1/60	20	ALL
GWH-201	AO SMITH	BTH-199(A)	FIELDHOUSE	100	256	ET-201	RP-201	TMV-201	199,000	97%	120/1/60	20	ALL

REMARKS:
1. GLASS LINED TANK
2. POWER VENT. CONCENTRIC VENT KIT.
3. MODULATING BURNER
4. MAXIMUM HYDROSTATIC WORKING PRESSURE: 160 PSI
5. CONDENSATE NEUTRALIZATION KIT
6. LEAK DETECTION KIT
OTHER ACCEPTABLE MANUFACTURERS INCLUDE: STATE, AMERICAN. REFER TO SPECIFICIATIONS FOR ADDITIONAL REQUIREMENTS.

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 37713 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PLUMBING SCHEDULES

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

P10.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
P10.1 PLUMBING SCHEDULES.dwg
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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MECHANICAL LEGEND

HVAC

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSER (4-WAY, 3-WAY, 2-WAY, 1-WAY)
	SUPPLY AIR DIFFUSER (ROUND)
	RETURN GRILLES
	EXHAUST GRILLES
	FLEXIBLE CONNECTION
	SUPPLY AIR DUCT (UP,- DOWN)
	RETURN AIR DUCT (UP,- DOWN)
	EXHAUST AIR DUCT (UP,- DOWN)
A.D.	ACCESS DOOR
	RECTANGULAR TO ROUND DUCTWORK TRANSITION
	RECTANGULAR TO RECTANGULAR TRANSITION
R	DUCT CHANGE IN ELEVATION; R= RISE, D= DROP
BD	DUCT SIZE BACKDRAFT DAMPER (ARROW INDICATES FLOW DIRECTION)
FD	FIRE DAMPER
	MANUAL VOLUME CONTROL BALANCE DAMPER
SD	SMOKE DAMPER
M	MOTORIZED DAMPER
FD SD	COMBINATION - FIRE / SMOKE DAMPER
	ELBOW WITH TURNING VANES
	ELBOW ROUND
	CONNECT NEW TO EXISTING
	INDICATES AIR FLOW DIRECTION
GV	GATE VALVE (HORIZ. - VERT.)
GLV	GLOBE VALVE (HORIZ. - VERT.)
BFV	BUTTERFLY VALVE (HORIZ. - VERT.)
BV	BALL VALVE (HORIZ. - VERT.)
	CONTROL VALVE (2-WAY, 3-WAY)
	TRIPLE-DUTY VALVE
P	PRESSURE GAUGE
T	TEMPERATURE GAUGE / THERMOMETER
	PRESSURE REDUCING VALVE
	STRAINER
	CHECK VALVE
	FLOW INDICATOR
	BALANCE VALVE
	EXISTING PIPING/DUCT/EQUIPMENT TO REMAIN
	EXISTING PIPING/DUCT/EQUIPMENT TO BE REMOVED
	CAP OR PLUG
	PIPE DOWN, PIPE UP
	INCREASER / REDUCER
FS	FLOW SWITCH (FS)
FM	FLOW METER (FM)(DDC)
TS	TEMPERATURE SENSOR (TS)(DDC)
PS	PRESSURE SENSOR (TS)(DDC)
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
(T)	ROOM THERMOSTAT OR DUCT STAT
(S)	SENSOR (CO, CO2, ETC.)
(H)	HUMIDISTAT
X-XX / XXX	SUPPLY AIR DEVICE (S-1) / AIRFLOW (CFM)
XX-XX	EQUIPMENT IDENTIFICATION
X / MX.XX	DETAIL NO./ SHEET NO.
X / MX.XX	SECTION NO / SHEET NO.
XX	INDICATED TAG OR SHEET NOTE
XX	DEMOLITION NOTE
##	REVISION TAG
	EXTENT OF DEMOLITION
	EXPANSION JOINT

HVAC

SYMBOL	DESCRIPTION
	PIPE ANCHOR
	COMBINATION FLOW INDICATOR / BALANCING (4"-SMALLER)
36"	COMBINATION FLOW INDICATOR / BALANCING (5"-LARGER)
	TEMP./ PRESS. RELIEF VALVE
	FLANGED CONNECTION
	UNION
	FLEXIBLE CONNECTION
	PUMP

HVAC

SYMBOL	DESCRIPTION
CD	CONDENSATE DRAIN LINE
CWR	CHILLED WATER RETURN PIPING
CWS	CHILLED WATER SUPPLY PIPING
EA	EXHAUST AIR DUCTWORK
HR	HYDRONIC RETURN PIPING
HS	HYDRONIC SUPPLY PIPING
HPR	HIGH PRESSURE RETURN
HPS	HIGH PRESSURE STEAM
HWR	HOT WATER RETURN PIPING
HWS	HOT WATER SUPPLY PIPING
LPR	LOW PRESSURE RETURN
LPS	LOW PRESSURE STEAM
MPR	MEDIUM PRESSURE RETURN
MPS	MEDIUM PRESSURE STEAM
OA	OUTSIDE AIR DUCTWORK
R	REFRIGERANT LINE SET PIPING
RA	RETURN AIR DUCTWORK
SA	SUPPLY AIR DUCTWORK

ABBREVIATIONS

AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU-X	AIR HANDLING UNIT
AS-X	AIR SEPARATOR
ATV	AUTO, TEMPERING VALVE
B-X	BOILER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNITS PER HOUR
C	COMMON
CAS-X	VARIABLE REFRIGERANT CASSETTE UNIT
CFM	CUBIC FEET PER MINUTE
CH-X	CHILLER
CT-X	COOLING TOWER
CU-X	CONDENSING UNIT
E-X	EXHAUST AIR DEVICE
EF-X	EXHAUST FAN DESIGNATION
EH-X	ELECTRIC HEATER
ERU-X	ENERGY RECOVERY UNIT
ESP	EXTERNAL STATIC PRESSURE
EXT-X	EXPANSION TANK
FC-X	CLOSED-CIRCUIT FLUID COOLER
FCU-X	FAN COIL UNIT
FZT	FREEZESTAT
GBD	GRAVITY BACKDRAFT DAMPER
GH-X	GRAVITY HOOD
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HP-X	HEAT PUMP UNIT
HT-X	HEAT TRACE
HX-X	HEAT EXCHANGER
KH-X	KITCHEN HOOD
KW	KILOWATT
L-X	LOUVER DESIGNATION
MAU-X	MAKE-UP AIR UNIT
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MOU-X	MINISPLIT OUTDOOR UNIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
P-X	PUMP
PRV	PRESSURE REDUCING VALVE
R-X	RETURN AIR DEVICE
RH-X	RADIANT HEATER
RTU-X	ROOFTOP UNIT
S-X	SUPPLY AIR DEVICE
SF-X	SUPPLY FAN DESIGNATION
SP	TOTAL STATIC PRESSURE
T-X	TRANSFER AIR DEVICE
VAV-X	VARIABLE AIR VOLUME BOX
VEF-X	VEHICLE EXHAUST FAN
X	EXISTING

GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

B. ALL MECHANICAL WORK SHALL BE PERFORMED BY A LICENSED MECHANICAL CONTRACTOR.

C. ALL WORK SHALL BE COORDINATED AND SCHEDULED WITH THE CONSTRUCTION MANAGER (CM) OR GENERAL CONTRACTOR (GC), OTHER TRADES, THE OWNER, AND RELATED UTILITY COMPANIES. ALL WORK SHALL COINCIDE WITH THE CONSTRUCTION PHASING PER THE CONTRACT DOCUMENTS OR CONSTRUCTION DOCUMENTS AND/OR AS MODIFIED BY THE CM/GC AND APPROVED BY THE OWNER AND DESIGN TEAM. THE MECHANICAL CONTRACTOR SHALL COORDINATE AND DEVELOP A PHASING PLAN WHERE ONE IS NOT EXPLICITLY SHOWN AND SHALL ENSURE THAT SAID PHASING PLAN IS APPROVED PRIOR TO PROCEEDING WITH WORK. ANY AND ALL DEMOLITION SHALL NOT PERMIT INTERRUPTION OF SERVICE IN AN OCCUPIED BUILDING UNLESS COORDINATED AND APPROVED.

D. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF DUCTWORK, PIPING, EQUIPMENT, AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, VALVE, OR COMPONENT. CONTRACTOR TO PROVIDE ANY ADDITIONAL DUCT OR PIPING OFFSETS AND/OR FITTINGS, INCLUDING DIVIDED DUCTS AND FLATTENED DUCTS, REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS ENCOUNTERED IN THE FIELD.

E. THE MECHANICAL CONTRACTOR SHALL OBTAIN A COPY OF THE ENTIRE SET OF CONTRACT DOCUMENTS PRIOR TO BID AND SHALL COORDINATE ROUTING AND INSTALLATION OF MECHANICAL DUCTWORK, PIPING, AND EQUIPMENT WITH ALL OTHER DISCIPLINES AND TRADES INCLUDING BUT NOT LIMITED TO CIVIL, ARCHITECTURAL, STRUCTURAL, FIRE SUPPRESSION, PLUMBING, AND ELECTRICAL.

F. REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS. FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR COMPLETION AND OPERATION OF A FULLY FUNCTIONAL MECHANICAL SYSTEM AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS INCLUDING BUT NOT LIMITED TO THE KENTUCKY BUILDING CODE, ASHRAE, IMC, IECC, SMACNA, AND NFPA.

G. THE EXACT LOCATIONS OF ALL EQUIPMENT, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH ALL OTHER TRADES. CEILING MOUNTED LIGHTING AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL EQUIPMENT. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.

H. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL BELOW SLAB / UNDERGROUND PIPING WITH STRUCTURAL COMPONENTS AND COORDINATING ALL STEPPED FOOTINGS OR SLEEVES WHERE REQUIRED.

I. THE MECHANICAL DRAWINGS REFLECT A "BASIS-OF-DESIGN" HVAC SYSTEM THAT HAS BEEN DESIGNED AROUND SPECIFIC PRODUCTS/MANUFACTURER'S (SEE SCHEDULES). THE SELECTION OF A "BASIS OF DESIGN" HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.). THE CONTRACTOR MAY USE "NON-BASIS OF DESIGN" PRODUCTS/MANUFACTURER'S AS PERMITTED BY THE SPECIFICATIONS AND/OR CONTRACT DOCUMENTS. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM THE USE OF "NON-BASIS OF DESIGN" EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. IF "NON-BASIS OF DESIGN"MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID, SUBMITTED, OR INSTALLED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL OF HIS OR HER SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE USE OF "NON-BASIS OF DESIGN" EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND SHALL BE INCLUDED IN THE BID. SUBSEQUENTLY, ANY ADDITIONAL COST BORNE BY THE ENGINEER (MECHANICAL, ELECTRICAL, ETC) TO ACCOMMODATE "NON-BASIS OF DESIGN" EQUIPMENT SHALL BE BORNE BY THE CONTRACTOR AND PAID TO THE ENGINEER OF RECORD DURING SUBMITTALS.

J. EQUIPMENT OR MATERIALS AS ALLOWED BY THE SPECIFICATIONS AND/OR CONTRACT DOCUMENTS, WHICH ARE INSTALLED AND SUBSEQUENTLY VIEWED UNSATISFACTORY BY THE OWNER AND/OR ENGINEER WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.

K. CONTRACTOR SHALL VISIT THE JOB SITE, FIELD VERIFY FIT, COORDINATE WITH OTHER TRADES, AND BECOME FAMILIAR WITH ALL PROJECT CONDITIONS PRIOR TO FABRICATING DUCTWORK, INSTALLING EQUIPMENT, ETC. NO ALLOWANCES WILL BE MADE FOR LACK THEREOF.

L. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND COSTS FOR ALL PERMITS, TESTING, AND INSPECTIONS.

M. CONTRACTOR TO REMOVE UNUSED/ABANDONED HVAC SYSTEMS AND EQUIPMENT UNLESS INDICATED OTHERWISE ON THE CONTRACT DOCUMENTS.

N. COORDINATE WITH THE CONTRACT DOCUMENTS AND PROVIDE TEMPORARY HEAT AS REQUIRED.

O. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS BUT NOT SHOWN ON PLANS AND VICE VERSA, SHALL BE PROVIDED AS IF REQUIRED BY BOTH.

P. THE ENTIRE MECHANICAL INSTALLATION SHALL BE AS REQUIRED TO MAINTAIN FIRE/SMOKE RATINGS AND/OR "UL" ASSEMBLY RATINGS AS REQUIRED BY THE CONTRACT DOCUMENTS AND AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS. SEAL AROUND ALL PENETRATIONS THROUGH ALL FIRE/SMOKE SEPARATIONS AND/OR "UL" RATED ASSEMBLIES. COORDINATE ALL PENETRATIONS WITH THE CONSTRUCTION MANAGER AND/OR GENERAL CONTRACTOR. PROVIDE ADDITIONAL FIRE DAMPERS, SMOKE DETECTORS, AND SMOKE DAMPERS (INCLUSIVE OF WIRING) AS REQUIRED FOR A FULLY FUNCTIONAL AND CODE COMPLIANT SYSTEM.

Q. ALL DUCTWORK, PIPING, AND MECHANICAL EQUIPMENT SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE. NO OTHER TRADES, I.E. ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM MECHANICAL DUCTWORK OR MECHANICAL PIPING.

R. ALL BUILDING PENETRATIONS MUST BE COORDINATED WITH THE ARCHITECT AND SHALL BE FLASHED AND SEALED WEATHER-TIGHT. ALL MATERIALS AND COLORS MUST BE PRE-APPROVED BY THE ARCHITECT. NEW OPENINGS AND/OR PENETRATIONS FOR MECHANICAL ITEMS SHALL BE CUT, SLEEVED, ETC. BY THE MECHANICAL CONTRACTOR. ALL OPENINGS SHALL BE CORE DRILLED OR SAW-CUT. NO "HAMMER DRILLING" WILL BE ALLOWED.

S. ROUTE DUCTWORK AS HIGH AS POSSIBLE TO FACILITATE ACCESS TO ABOVE CEILING SPACE. COORDINATE ROUTING WITH OTHER SERVICES AND TRADES. PROVIDE ADDITIONAL DUCTWORK, OFFSETS, ETC. TO ACCOMMODATE FIELD CONDITIONS AS REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM AT NO ADDITIONAL COST. ADDITIONAL OFFSETS REQUIRE APPROVAL FROM THE ENGINEER. ROUTE DUCTWORK BETWEEN JOISTS WHERE POSSIBLE.

T. ALL AIR DEVICES LOCATED ABOVE GYPBOARD OR HARD CEILINGS SHALL HAVE ACCESSIBLE BALANCING DAMPERS.

U. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

V. PROVIDE AND INSTALL DUCT ACCESS DOORS FOR INSPECTION OF ALL INSTALLED FIRE DAMPERS AS DIRECTED BY SMACNA HVAC CONSTRUCTION STANDARDS.

W. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 5'-0". ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF UL 181 FLEXIBLE AIR DUCTS. SUPPORT TO ELIMINATE SAGGING AND KINKING. INSULATED FLEXIBLE DUCTS SHALL MEET MINIMUM R-VALUES REQUIRED BY THE IECC.

X. ALL HVAC EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS. UTILIZE FACTORY FILTERS DURING CONSTRUCTION.

Y. THE MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO AIR QUANTITIES INDICATED ON PLANS AND PROVIDE OWNERS REPRESENTATIVES WITH COMPLETE NEBB/AABC BALANCE REPORT. THE MECHANICAL CONTRACTOR SHALL PROVIDE AS MANY ADDITIONAL SITE VISITS BY THE LICENSED TAB CONTRACTOR AS REQUIRED BY THE ENGINEER FOR A COMPLETE AND FUNCTIONING AND APPROVED SYSTEM IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.

Z. ALL RECTANGULAR 90 DEG. AND 45 DEG. ELBOWS SHALL HAVE TURNING VANES.

AA. PROVIDE A MANUAL VOLUME DAMPER AT ALL BRANCH TAKE-OFFS ON SUPPLY, RETURN, AND OUTSIDE AIR DUCTWORK AT NO ADDITIONAL COST. PROVIDE A MAIN RETURN DAMPER UPSTREAM OF OUTSIDE AIR CONNECTIONS IN RETURN AIR PLENUM DESIGNS. COORDINATE ADDITIONAL MANUAL VOLUME DAMPER LOCATIONS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM WITH THE ENGINEER PRIOR TO ORDER, FABRICATION, OR INSTALLATION.

BB. ALL DUCT DIMENSIONS SHOWN ARE INTERIOR "CLEAR" DUCT DIMENSIONS.

CC. MAINTAIN 10'-0" MINIMUM CLEARANCE BETWEEN OUTDOOR AIR INTAKES AND EXHAUST, PLUMBING VENTS, ETC. AND/OR AS REQUIRED BY IMC, WHICHEVER IS MORE STRINGENT.

DD. MAINTAIN 10'-0" MINIMUM CLEARANCE FROM EDGE OF ROOFTOP EQUIPMENT TO ROOF EDGE UNLESS RAILING OR PARAPET OF SUFFICIENT HEIGHT IS TO BE PROVIDED IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING BUT NOT LIMITED TO: IBC, IMC, LOCAL CODES, OSHA GUIDELINES (WHERE APPLICABLE). REFER TO ARCHITECTURAL.

EE. PROVIDE CONDUIT, BOXES AND CONTROL WIRING IN COMPLIANCE WITH THE NEC AND DIVISION 26.

FF. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND DRAWINGS FOR CONNECTIONS AND LOCATION OF ALL EQUIPMENT.

GG. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSETS OR BENDS IN PIPING AS REQUIRED TO ALLOW FOR EXPANSION AND CONTRACTION DUE TO TEMPERATURE CHANGES AND DIFFERENCES IN THE AMBIENT TEMPERATURE WHEN PIPING AND EQUIPMENT IS INSTALLED.

HH. PROVIDE MANUAL AIR VENTS AT HIGH POINTS AND DRAIN VALVES AT LOW POINTS OF ALL HYDRONIC PIPING. AUTOMATIC AIR VENTS SHALL BE INSTALLED WHERE INDICATED IN THE CONTRACT DOCUMENTS AND/OR AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

II. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL PLANS AND GC/CM ALL AREAS WHERE MECHANICAL / ELECTRICAL EQUIPMENT AND DEVICES ARE INDICATED TO BE DEMOLISHED AND THE REQUIRED REPAIR AND RESTORATION OF ALL WALLS, ROOFS, CEILINGS, FLOORS, ETC. SHALL BE INCLUDED IN THEIR BID.

JJ. ALL ROOF PENETRATIONS SHALL BE IN COMPLIANCE WITH THE ROOFING MANUFACTURER'S GUIDELINES AND THE AMERICAN ROOFING COUNCIL. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE AS NECESSARY TO MAINTAIN ALL WARRANTIES.

KK. STRUCTURAL MEMBERS SHALL NOT BE CUT OR COMPROMISED IN ANY WAY.

LL. DO NOT BLOCK ACCESS TO HVAC OR ELECTRICAL EQUIPMENT. DO NOT INSTALL PIPING, DUCTWORK, OR EQUIPMENT OVER ELECTRICAL PANELS/SWITCHGEAR OR THE 30" x 42" (W x D) CLEARANCE IN FRONT OF THESE ELECTRICAL ITEMS. COORDINATE ADDITIONAL REQUIREMENTS WITH NEC.

GENERAL DEMOLITION NOTES:

A. GENERAL MECHANICAL DEMOLITION NOTES APPLY TO ALL MECHANICAL SHEETS.

B. SEE ARCHITECTURAL DRAWINGS FOR BUILDING FLOOR PLAN LAYOUT.

C. THE EXISTING CONDITIONS REPRESENTED ON PLANS DEPICT APPROXIMATE LOCATIONS AND SIZES OF EQUIPMENT AND COMPONENTS. FIELD-VERIFY ACTUAL CONDITIONS AND DETERMINE ACTUAL LOCATIONS AND SIZES OF EQUIPMENT PRIOR TO COMMENCING WORK.

D. SUBSTANTIAL DEVIATIONS BETWEEN THE CONTRACT DOCUMENTS DEMOLITION SCOPE AND ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER IN THE FORM OF A REQUEST FOR INFORMATION WITH THE DESCRIPTIONS AND SKETCHES.

E. SCHEDULING OF ALL DEMOLITION OPERATIONS SHALL BE COORDINATED WITH OWNER NO LATER THAN THE DATE OF THE PROJECT PRECONSTRUCTION MEETING.

F. PROVIDE DEMOLITION WORK SHOWN ON THE DRAWINGS AND ALL INCIDENTAL DEMOLITION WORK REQUIRED TO COMPLETE NEW CONSTRUCTION WORK.

G. PROTECT EXISTING EQUIPMENT, PIPING, DUCTWORK, AIR OPENINGS, ETC. FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.

H. COMPLETELY REMOVE ALL COMPONENTS INDICATED ON PLANS FOR DEMOLITION INCLUDING REMOVAL OF ALL SUPPORTS, HANGERS, PIPING, WIRING, ECT. THAT ARE ASSOCIATED WITH THE COMPONENT BEING REMOVED, UNLESS OTHERWISE STATED.

I. CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGE ASSOCIATED WITH DEMOLITION. ALL FINISHED SURFACES (FLOORS, WALLS, CEILINGS, ROOF, ETC.) SHALL MATCH EXISTING CONDITIONS.

J. PROVIDE 1-HOUR FIRE RATED DUST PROOF BARRIERS (UL DESIGN U309) TO SEPARATE DEMOLITION AREA FROM THE REST OF THE FACILITY.

K. WHERE DUST CREATED DURING DEMOLITION MAY ENTER AN HVAC SYSTEM RETURN AIR DUCT, PROVIDE TEMPORARY FILTERS AS REQUIRED TO PREVENT DUST INTRUSION.

L. MAINTAIN OPERATION OF ALL EXISTING SERVICES AND UTILITIES SERVING AREAS THAT ARE OCCUPIED OR IN OPERATION DURING DEMOLITION WORK COORDINATE AND SCHEDULE ALL DISRUPTIONS TO SERVICES OR UTILITIES WITH OWNER TWO WEEKS IN ADVANCE OF INTERRUPTION.

M. REMOVE, RELOCATE AND REINSTALL ANY COMPONENTS WHEN REQUIRED TO ACCOMMODATE DEMOLITION OR NEW WORK SCOPE. COMMUNICATE TO ARCHITECT/ENGINEER THE EXTENT OF ITEMS TO BE REMOVED PRIOR TO BEGINNING THE WORK.

N. STORE AND PROTECT ALL EXISTING ITEMS WHICH ARE TO BE RELOCATED OR REUSED.

O. WHERE DEMOLITION/RE-WORK OF EXISTING MEP ITEMS CONTAINING HAZARDOUS MATERIALS OCCUR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER FOR ABATEMENT AND REMEDIATION AS REQUIRED.

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 27713 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

MECHANICAL LEGEND & GENERAL NOTES

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M0.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M0 MECHANICAL LEGEND & GENERAL NOTES
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2500B-Allen Co. v26 MEP.rvt
3/30/2026 11:57:23 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

◇ SHEET KEYNOTES

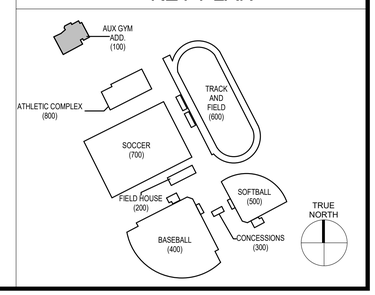
1. DEMOLISH EXISTING DRYER VENT EXHAUST CAP AT EXISTING WALL. SEE NEW WORK PLANS.

1 FIRST FLOOR DEMOLITION PLAN - AUXILIARY GYMNASIUM ADDITION - MECHANICAL

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY BRADLEY NATION 37771 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION DEMOLITION PLAN - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP/FP / ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES - MECHANICAL
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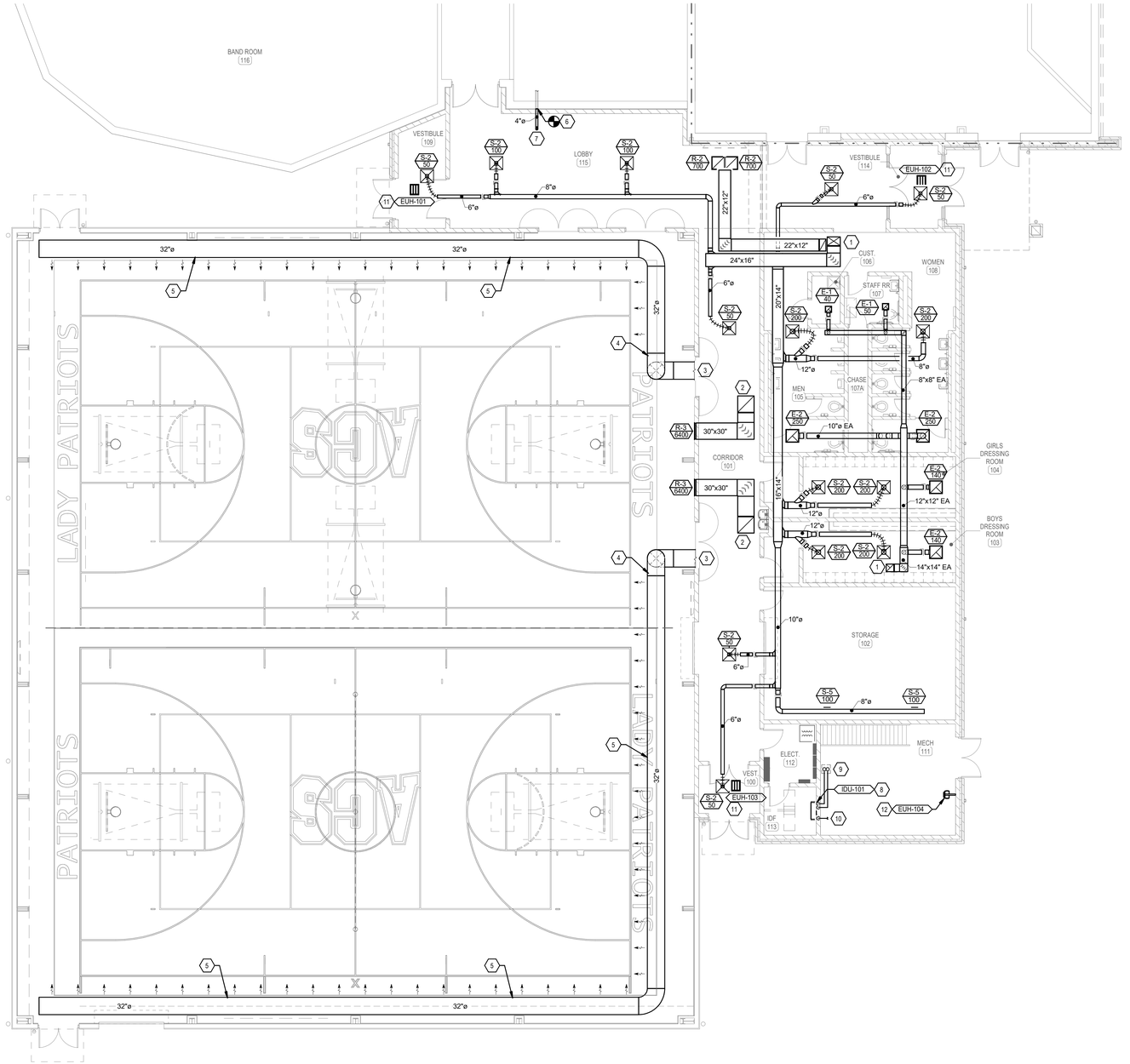


1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - HVAC

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

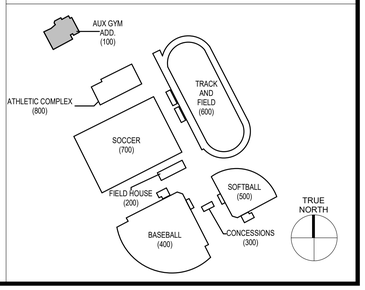
GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. SUPPLY AND RETURN DUCTWORK UP TO ROOFTOP UNIT. REFER TO ROOF PLAN M1.2.
2. 30"X30" RETURN DUCTWORK UP TO ROOFTOP UNIT. REFER TO ROOF PLAN M1.2.
3. 32"Ø SUPPLY DUCTWORK FROM ROOFTOP UNIT PENETRATING HORIZONTALLY THROUGH WALL. REFER TO ROOF PLAN M1.2 FOR CONTINUATION.
4. TRANSITION DOUBLE WALL ROUND DUCT TO FABRIC DUCT SYSTEM AT THIS APPROXIMATE LOCATION.
5. PROVIDE FABRIC DUCT SYSTEM. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. CONNECT NEW 4"Ø DRYER EXHAUST DUCT TO EXISTING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
7. ROUTE 4"Ø DRYER EXHAUST TO ROOF AND TERMINATE WITH DRYER VENT CAP. REFER TO ROOF PLAN M1.2.
8. NEW MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.
9. REFRIGERANT LINSET UP TO CONDENSING UNIT ON ROOF. REFER TO ROOF PLAN M1.2.
10. ROUTE 3/4" CONDENSATE FROM UNIT TO NEARBY FLOOR DRAIN IN MECHANICAL ROOM.
11. PROVIDE AND INSTALL ELECTRIC HEATER IN CEILING. REFER TO SCHEDULE.
12. PROVIDE AND INSTALL ELECTRIC HEATER ON WALL. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". REFER TO SCHEDULE.

KEY PLAN



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STATE OF KENTUCKY BRADLEY NATION 27771 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - HVAC

JOB NO.	2459
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No.	Description	Date

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M1.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PHASE 1 - AUXILIARY GYMNASIUM ADDITION AND FIELDHOUSE ADDITION
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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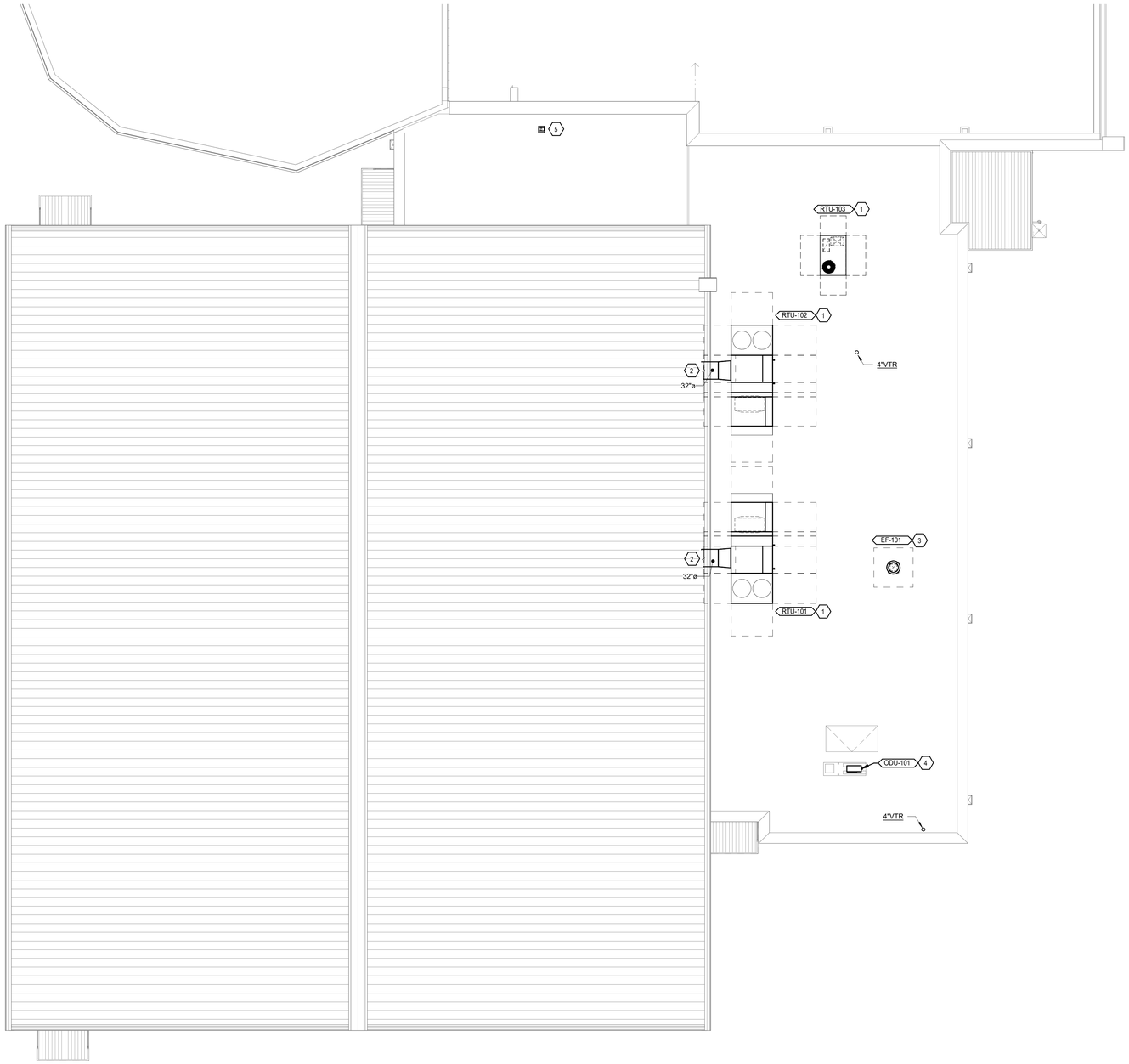
GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PACKAGE ROOFTOP UNIT ON 14" TALL ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
2. ROUTE SUPPLY DUCT ALONG ROOF INTO WALL OF AUXILIARY GYM. SEE SHEET M1.1 FOR CONTINUATION.
3. EXHAUST FAN MOUNTED ON 14" TALL INSULATED ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
4. MINI-SPLIT UNIT MOUNTED ON 14" TALL INSULATED PIPE THRU ROOF CURB. SEE DETAIL FOR MORE INFORMATION.
5. DRYER EXHAUST ROOF VENT. (DRYERJACK OR SIMILAR)

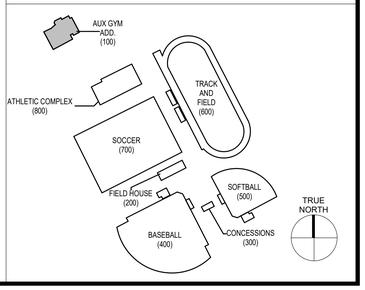


1 ROOF PLAN - AUXILIARY GYMNASIUM ADDITION - HVAC

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION ROOF PLAN - HVAC

JOB NO.	2459
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M1.2

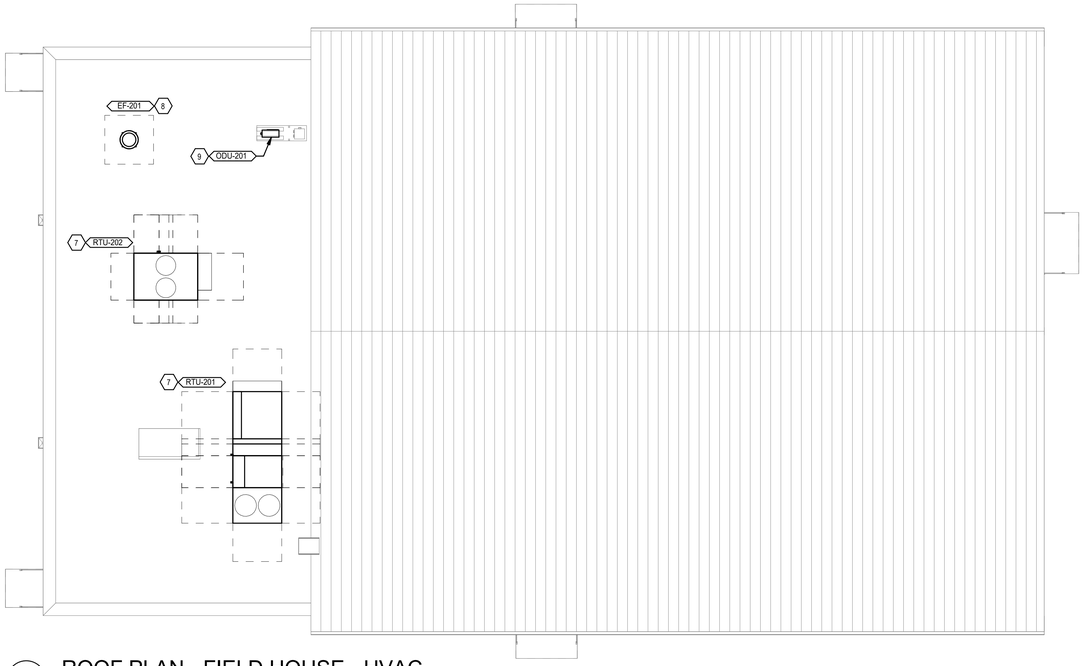
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M1.2 AUXILIARY GYMNASIUM ADDITION ROOF PLAN - HVAC
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:06:03 PM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

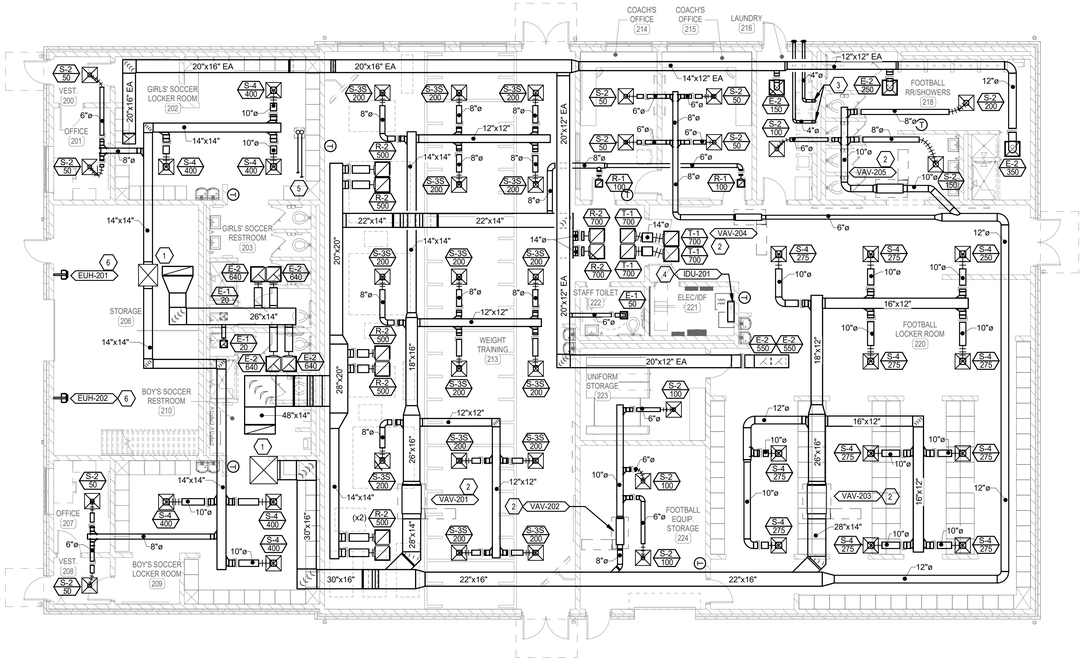
SHEET KEYNOTES

1. SUPPLY AND RETURN DUCTWORK UP TO ROOFTOP UNIT. REFER TO ROOF PLAN THIS SHEET.
2. INSTALL NEW VARIABLE AIR VOLUME BOX WITH ELECTRIC REHEAT ABOVE CEILING ACCORDING TO MANUFACTURERS INSTRUCTIONS. PROVIDE ALL APPROPRIATE CLEARANCES REQUIRED FOR ACCESS. CONTROLLED VIA NEARBY THERMOSTAT.
3. PROVIDE AND INSTALL DRYER VENT BOX USING IN-O-VATE DRYERBOX MODEL 425 OR EQUIVALENT. REFER TO DETAIL. ROUTE EXHAUST TO EXTERIOR WALL AND TERMINATE WITH IN-O-VATE DRYER WALL VENT OR SIMILAR.
4. NEW MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.
5. REFRIGERANT LINESET UP TO CONDENSING UNIT ON ROOF. REFER TO ROOF THIS SHEET. REFRIGERANT LINESETS TO ROUTE TO IDU-201 THIS SHEET.
6. PROVIDE AND INSTALL ELECTRIC HEATER ON WALL. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". REFER TO SCHEDULE.
7. PACKAGE ROOFTOP UNIT ON 14" TALL ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
8. EXHAUST FAN MOUNTED ON 14" TALL INSULATED ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
9. MINI-SPLIT UNIT MOUNTED ON 14" TALL INSULATED PIPE THRU ROOF CURB. SEE DETAIL FOR MORE INFORMATION.



2 ROOF PLAN - FIELD HOUSE - HVAC
SCALE: 1/8" = 1'-0"

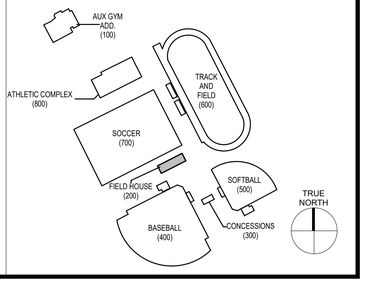
0 4' 8' 16'



1 FIRST FLOOR PLAN - FIELD HOUSE - HVAC
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY BRADLEY NATION 37774 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE NEW WORK PLANS - HVAC

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M2.1

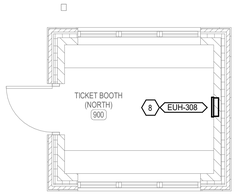
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MECHANICAL, ELECTRICAL, PLUMBING - NEW WORK
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/20/2026 11:37:34 AM

GENERAL NOTES

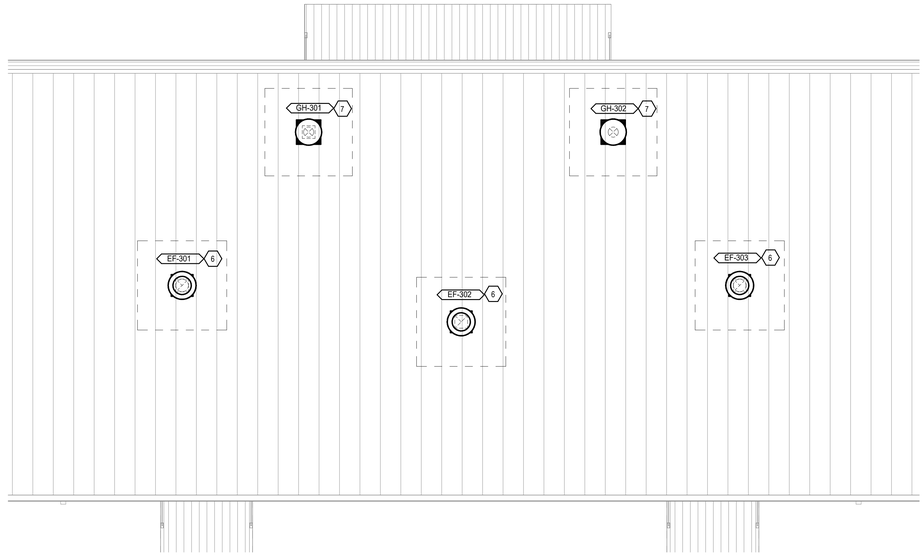
A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

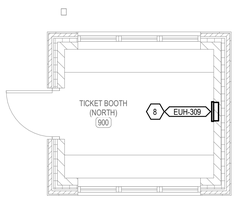
1. PROVIDE AND INSTALL AIR HANDLER ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
3. 10"Ø EXHAUST AIR DUCT UP TO EXHAUST FAN ON ROOF. SEE ROOF PLAN THIS SHEET.
4. 10"x10" EXHAUST AIR DUCT UP TO EXHAUST FAN ON ROOF. SEE ROOF PLAN THIS SHEET.
5. PROVIDE AND INSTALL ELECTRIC HEATER ON WALL, MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". REFER TO SCHEDULE.
6. EXHAUST FAN MOUNTED ON 14" TALL INSULATED ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
7. GRAVITY EXHAUST HOOD. REFER TO SCHEDULE.
8. PROVIDE AND INSTALL ELECTRIC HEATER IN WALL. REFER TO SCHEDULE.



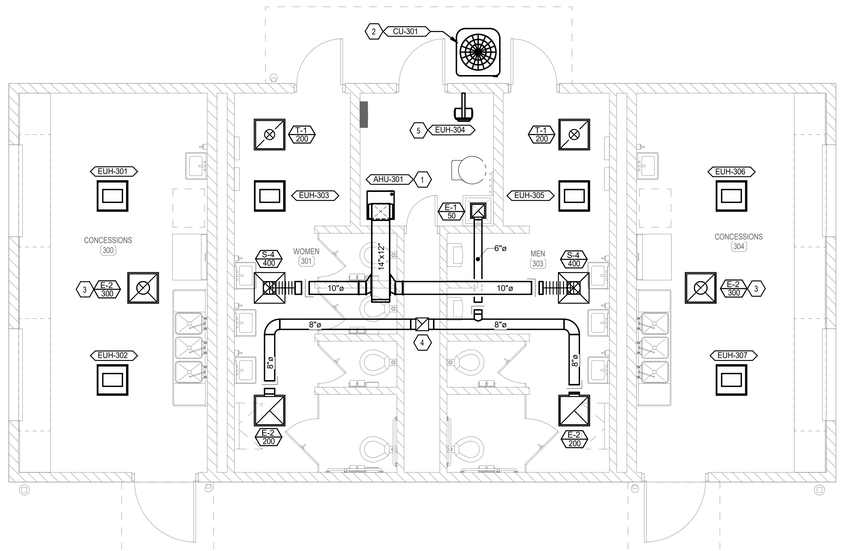
4 TICKET BOOTH PLAN - NORTH - HVAC
SCALE: 1/4" = 1'-0"



2 ROOF PLAN - CONCESSIONS - HVAC
SCALE: 1/4" = 1'-0"

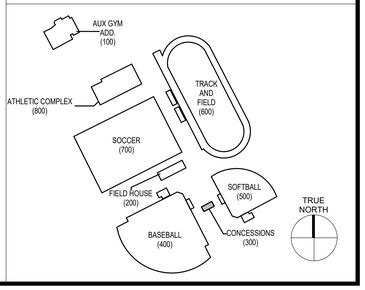


3 TICKET BOOTH PLAN - SOUTH- HVAC
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - CONCESSIONS AND RESTROOM - HVAC
SCALE: 1/4" = 1'-0"

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

CONCESSIONS NEW WORK PLANS - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M3.1

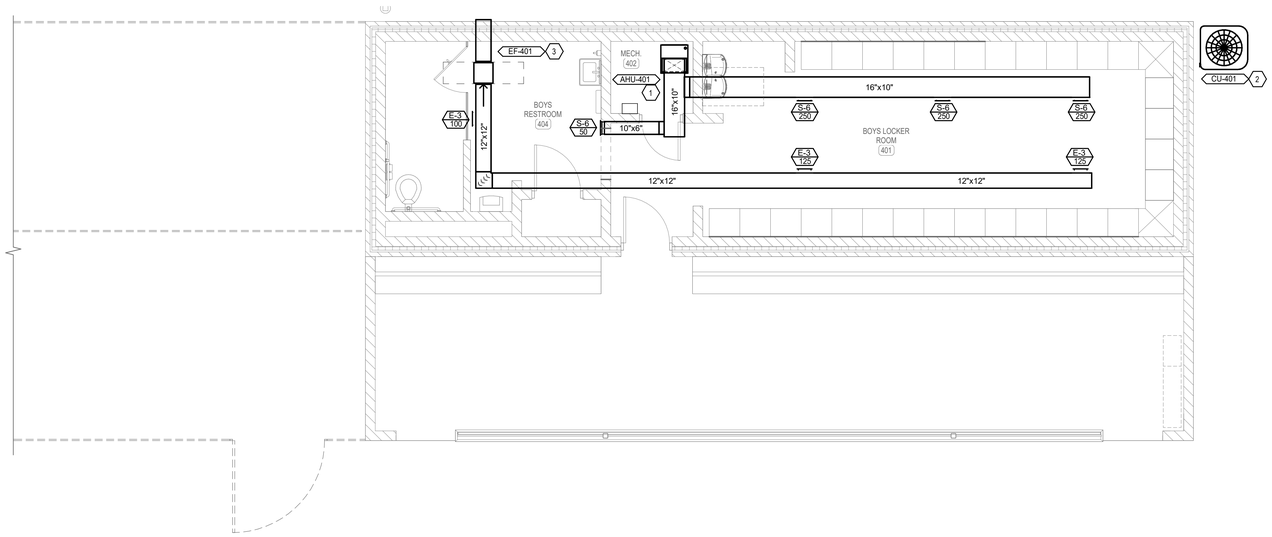
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP Consultant: SHROUT TATE WILSON - Kevin Wilson, PE, LEED AP
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 11:57:39 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

⬡ SHEET KEYNOTES

1. PROVIDE AND INSTALL AIR HANDLER ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
3. PROVIDE NEW INLINE EXHAUST FAN. POWER WITH WALL SWITCH IN LOCKER ROOM. REFER TO SCHEDULE.

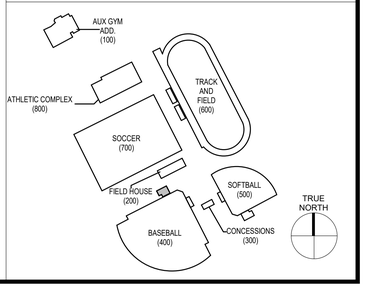


1 FIRST FLOOR PLAN - BOYS LOCKER ROOM AND DUGOUT - HVAC

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

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03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL LOCKER ROOM & DUGOUT - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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SHEET

M4.1

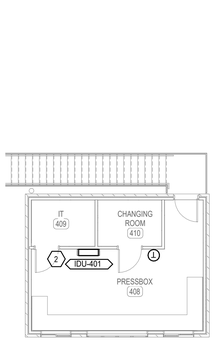
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M4.1 BASEBALL LOCKER ROOM & DUGOUT - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25098-Allen Co. v28 MEP.rvt
3/26/2026 11:37:43 AM

GENERAL NOTES

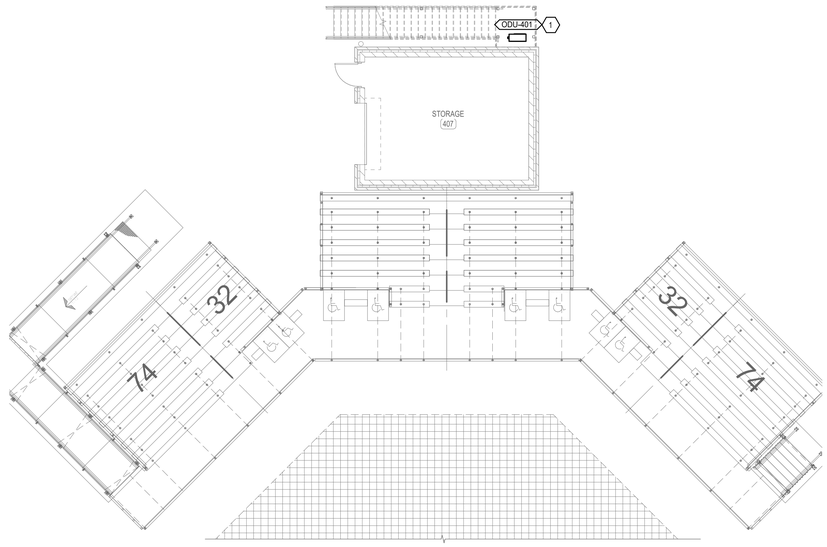
A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD UNDERNEATH STAIRS. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 9'-0" AFF. COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.



2 BASEBALL GRANDSTANDS - SECOND FLOOR - MECHANICAL
SCALE: 1/8" = 1'-0"
0 4" 8" 16"



1 BASEBALL GRANDSTANDS - FIRST FLOOR - MECHANICAL
SCALE: 1/8" = 1'-0"
0 4" 8" 16"

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL GRANDSTANDS FLOOR PLANS - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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SHEET

M4.2

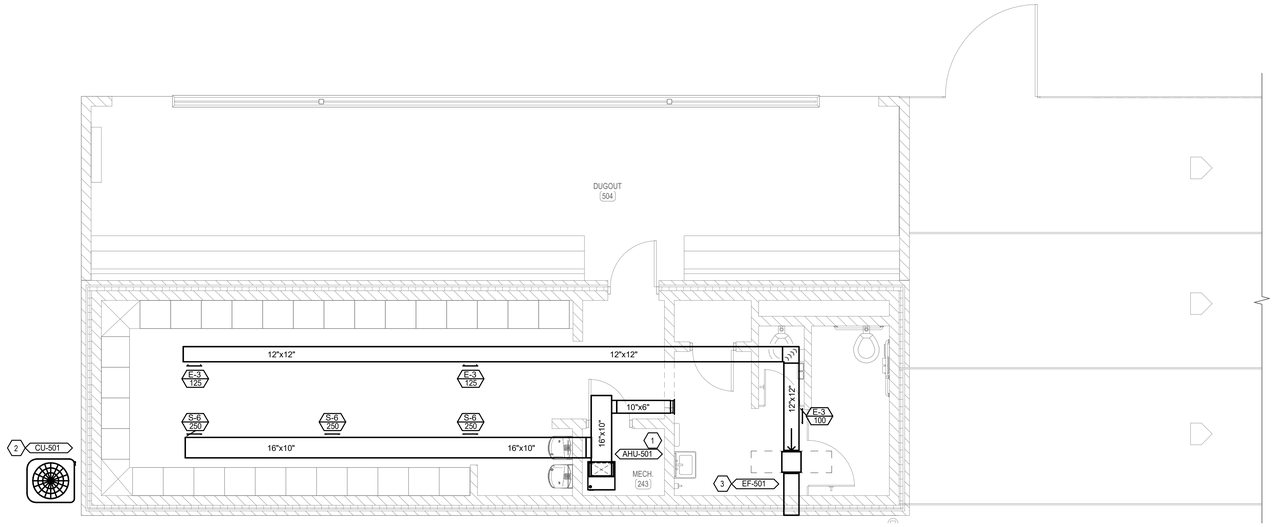
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M4.2 BASEBALL GRANDSTANDS FLOOR PLANS - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/30/2026 11:57:48 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL AIR HANDLER ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
3. PROVIDE NEW INLINE EXHAUST FAN. POWER WITH WALL SWITCH IN LOCKER ROOM. REFER TO SCHEDULE.

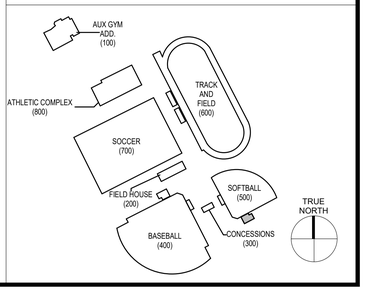


1 FIRST FLOOR PLAN - GIRLS LOCKER ROOM AND DUGOUT - HVAC

SCALE: 1/4" = 1'-0"

0 2" 4" 8"

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY * BRADLEY NATION 37771 * LICENSED PROFESSIONAL ENGINEER
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL LOCKER ROOM & DUGOUT - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
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REVISIONS

No.	Description	Date

SHEET

M5.1

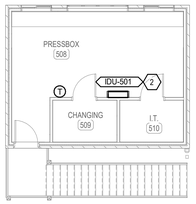
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M5.1 SOFTBALL LOCKER ROOM & DUGOUT - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/20/2026 11:37:53 AM

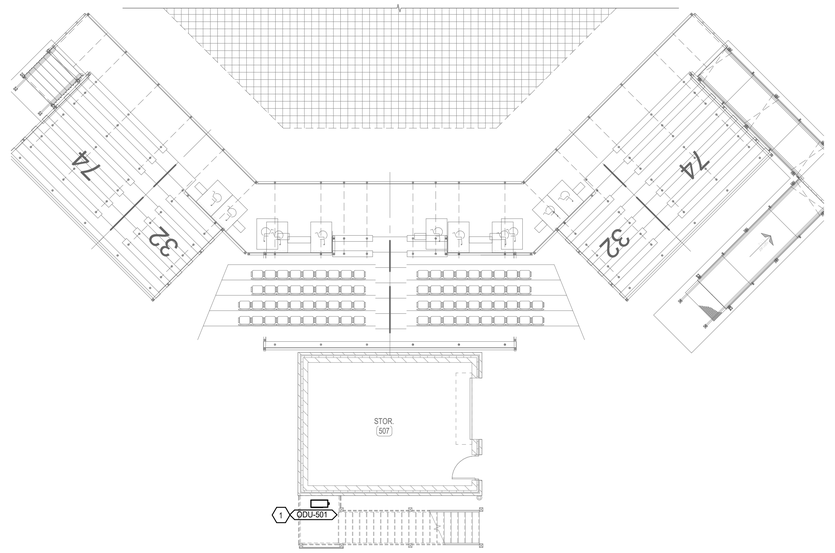
GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD UNDERNEATH STAIRS. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 9'-0" AFF. COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.





2 SOFTBALL GRANDSTANDS - SECOND FLOOR - MECHANICAL
SCALE: 1/8" = 1'-0"

1 SOFTBALL GRANDSTANDS - FIRST FLOOR - MECHANICAL
SCALE: 1/8" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 37774 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL GRANDSTANDS FLOOR PLANS - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M5.2

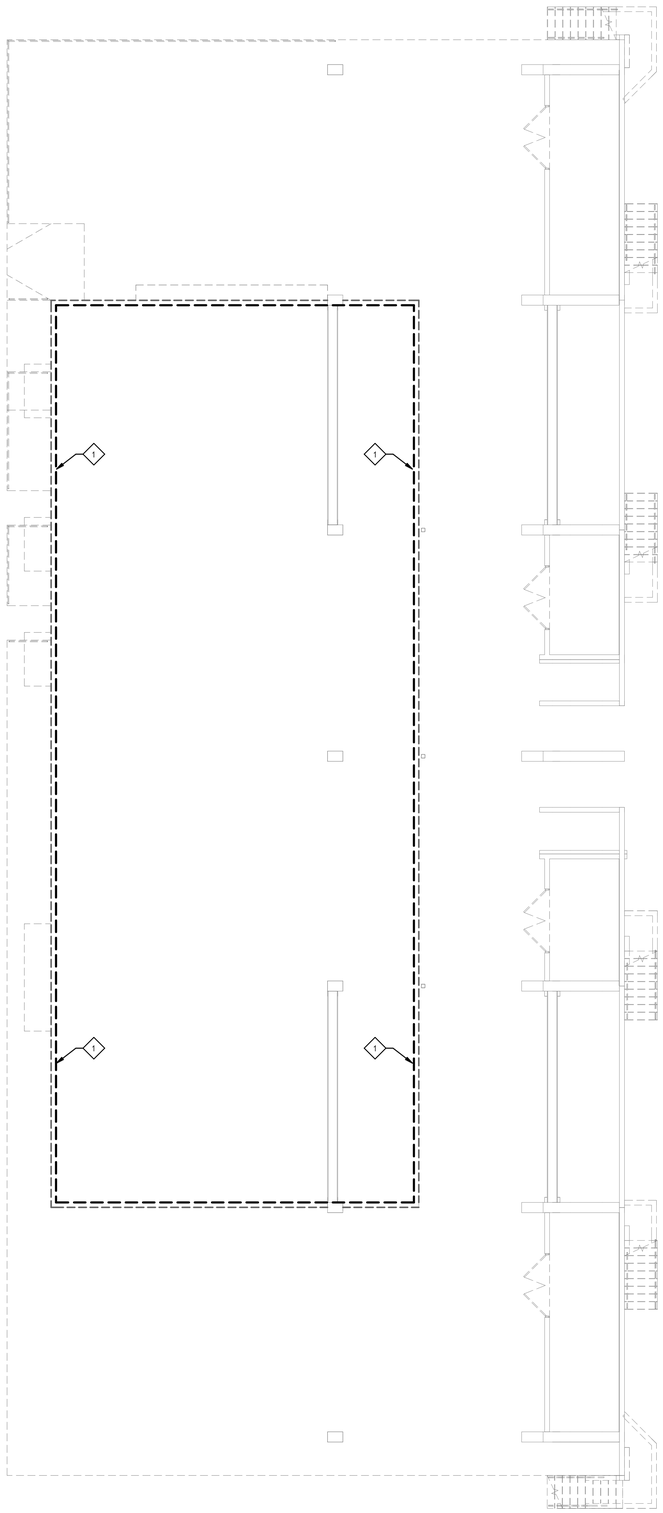
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP SCHEMATIC DESIGN DOCUMENTS - FOR PRICING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25006-Allen Co. v26 MEP.rvt
3/30/2026 11:57:58 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EXISTING FOOTBALL FACILITY TO BE FULLY DEMOLISHED. DEMOLISH AND REMOVE ALL HVAC EQUIPMENT, DUCTWORK, PIPING, REFRIGERANT, CONDENSATE, AND DEVICES THROUGHOUT BUILDING. TURN OVER TO OWNER ANY NEWER EQUIPMENT AND DEVICES AS DESIRED BY OWNER.

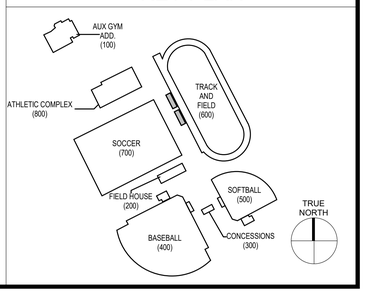


1 FIRST FLOOR DEMOLITION PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - HVAC

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY * BRADLEY NATION 37771 * LICENSED PROFESSIONAL ENGINEER
03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS DEMOLITION PLAN - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
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REVISIONS

No.	Description	Date

SHEET

MD6.1

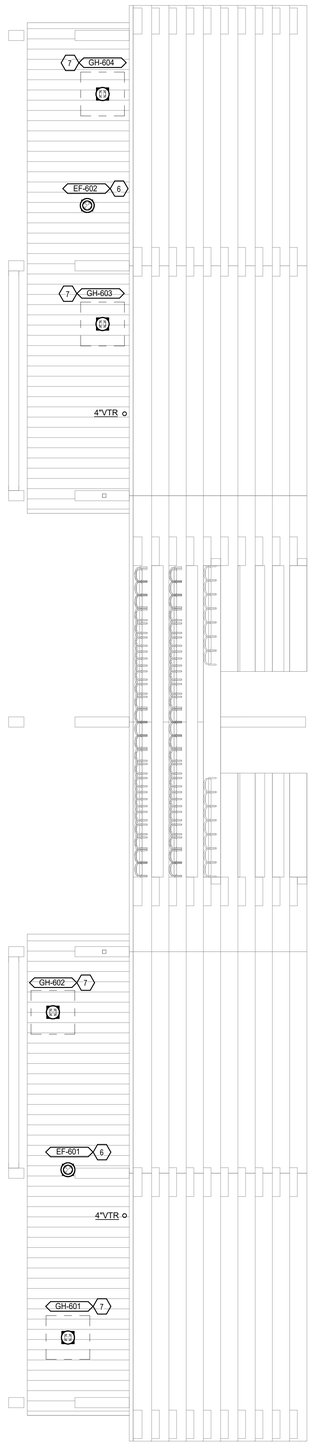
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP - CONSTRUCTION DOCUMENTATION - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 11:38:00 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

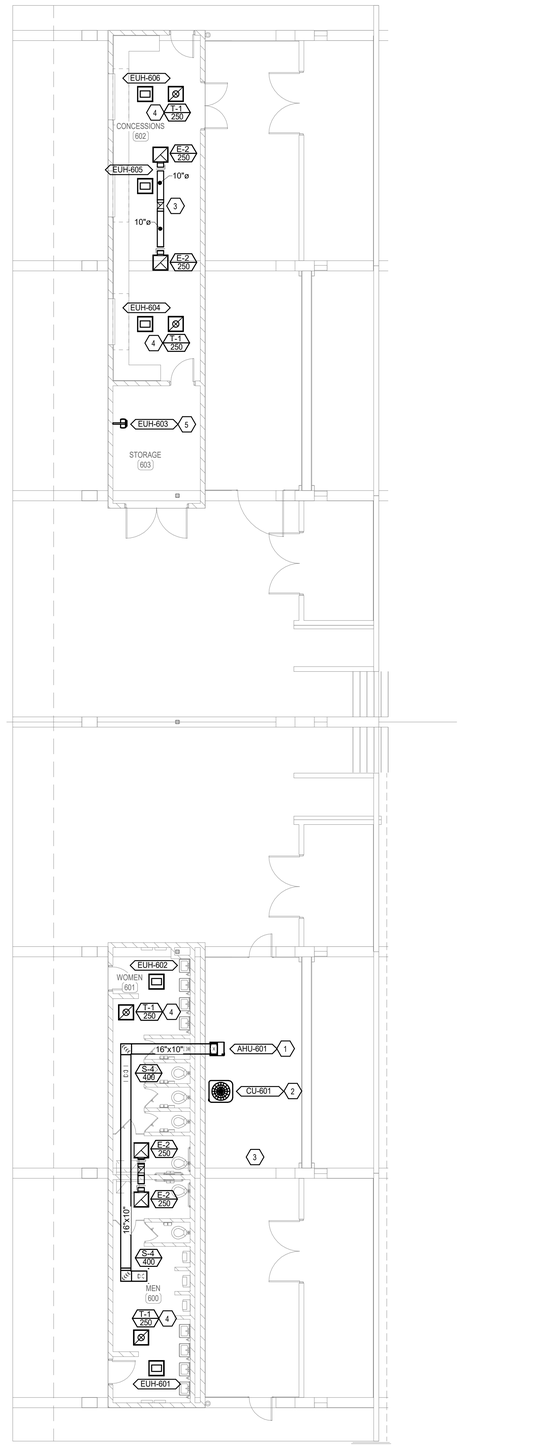
1. PROVIDE AND INSTALL AIR HANDLER ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
3. 10"x10" EXHAUST AIR DUCT UP TO EXHAUST FAN ON ROOF. SEE ROOF PLAN THIS SHEET.
4. 8"Ø INTAKE AIR DUCT UP TO GRAVITY INTAKE ON ROOF. SEE ROOF PLAN THIS SHEET.
5. PROVIDE AND INSTALL ELECTRIC HEATER ON WALL, MOUNT BOTTOM OF UNIT AT APPROXIMATELY 7'-6". REFER TO SCHEDULE.
6. EXHAUST FAN MOUNTED ON 14" TALL INSULATED ROOF CURB. MAKE DUCT CONNECTIONS AND TRANSITIONS AS REQUIRED FOR SIZES INDICATED ON PLANS.
7. GRAVITY EXHAUST HOOD. REFER TO SCHEDULE.



2 ROOF PLAN - GRANDSTAND RESTROOM AND CONCESSIONS - HVAC

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

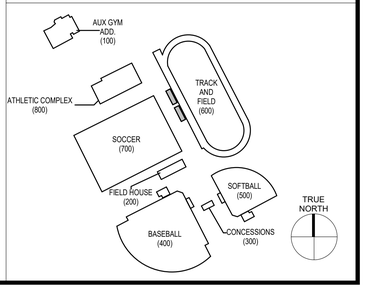


1 FIRST FLOOR PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - HVAC

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 27171 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M6.1

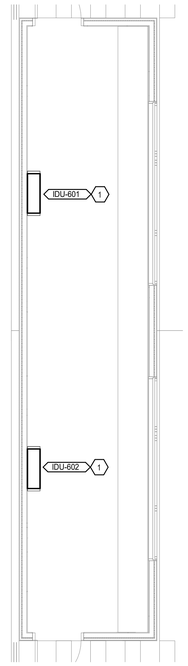
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP Consultant Docs::2459 New Work Plans - MECHANICAL.dwg
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 11:58:01 AM

GENERAL NOTES

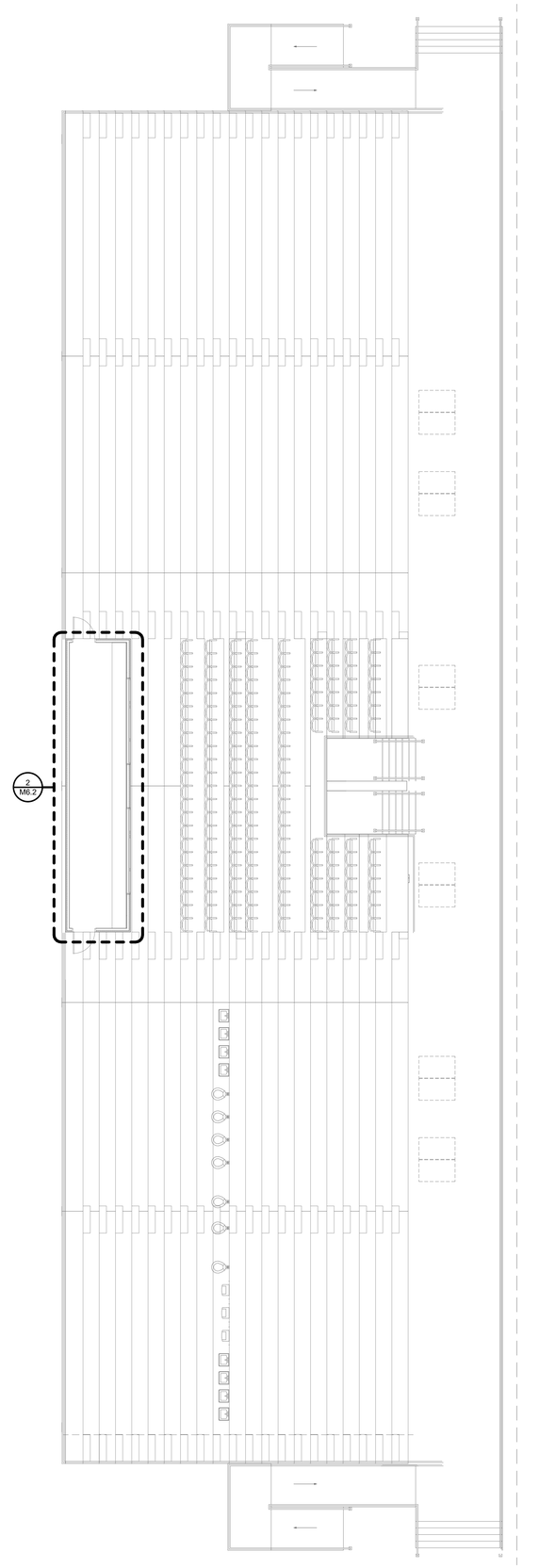
A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 9'-0" AFF. COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.
2. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD UNDERNEATH GRANDSTANDS. COORDINATE EXACT LOCATION WITH GRANDSTAND MANUFACTURER AND CONSTRUCTION MANAGER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.

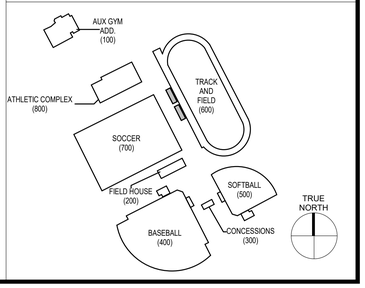


2 GRANDSTAND PRESSBOX - HVAC
SCALE: 1/4" = 1'-0"
0 2' 4' 8'



1 GRANDSTAND SEATING PLAN - HVAC
SCALE: 1/8" = 1'-0"
0 4' 8' 16'

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M6.2

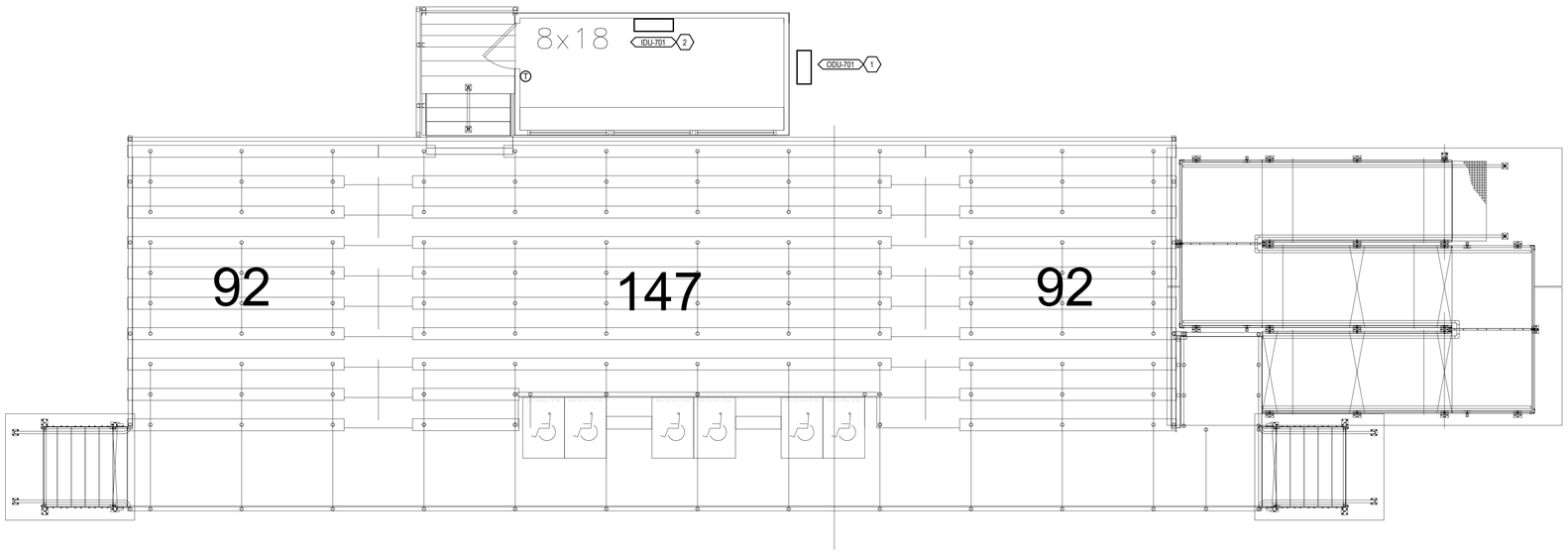
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M6.2 GRANDSTANDS NEW WORK PLANS - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25009-Allen Co. v26 MEP.rvt
3/30/2026 11:08:05 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL CONDENSING UNIT ON 4" CONCRETE EQUIPMENT PAD UNDERNEATH GRANDSTANDS. COORDINATE EXACT LOCATION WITH GRANDSTAND MANUFACTURER AND CONSTRUCTION MANAGER. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE AND INSTALL MINI-SPLIT WALL MOUNTED UNIT. MOUNT BOTTOM OF UNIT AT APPROXIMATELY 9'-0" AFF. COORDINATE EXACT LOCATION AND HEIGHT WITH ROOM EQUIPMENT.



1 SOCCER GRANDSTANDS - MECHANICAL

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOCCER GRANDSTANDS PLAN - MECHANICAL

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M7.1

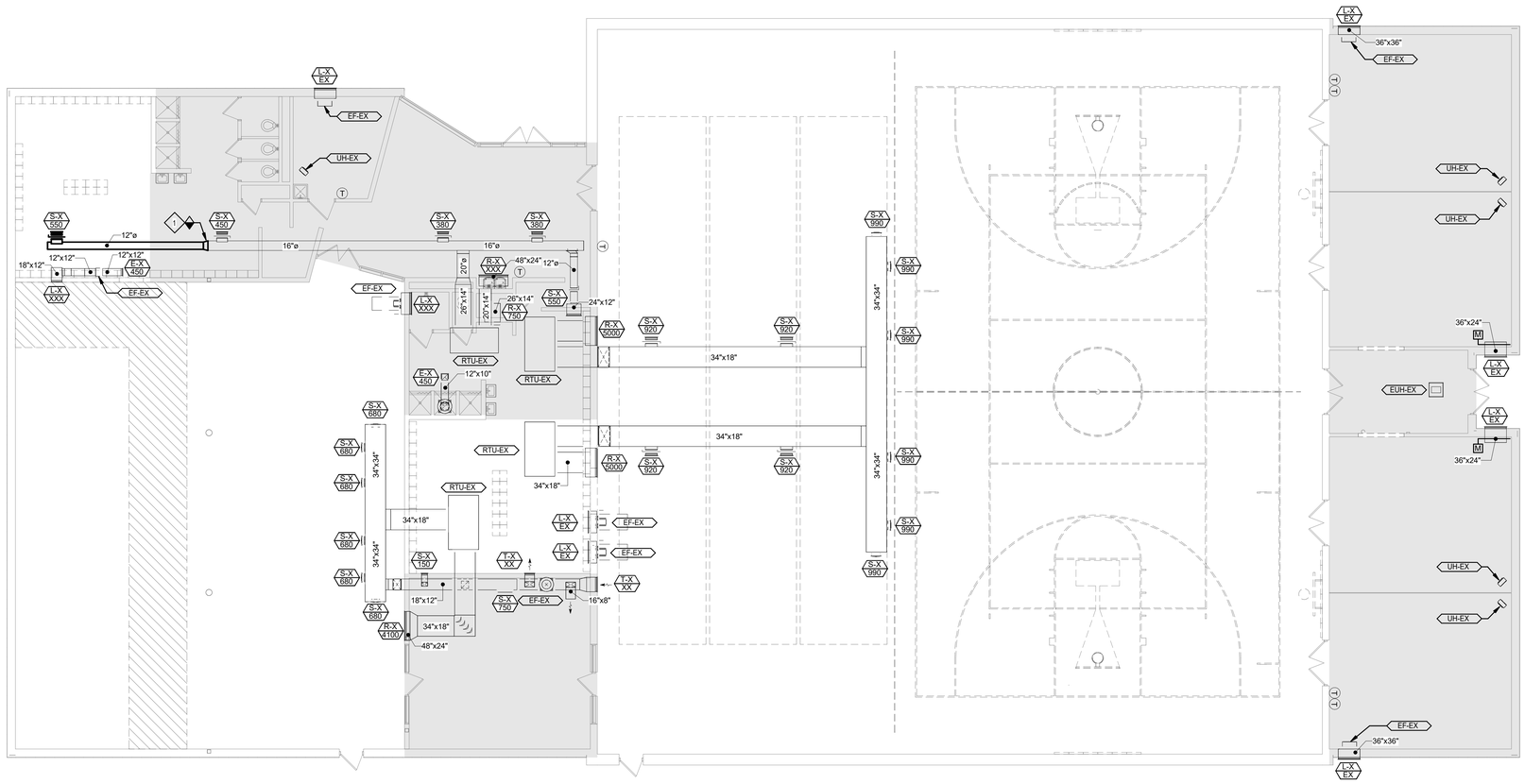
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
Plot By: SCOTT PORTER - SHERMAN CARTER BARNHART
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 11:58:06 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. DEMOLISH DUCTWORK BACK TO POINT INDICATED AND CAP.

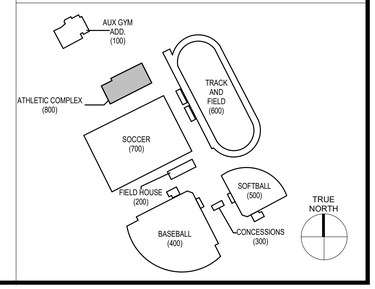


1 FIRST FLOOR DEMOLITON PLAN - ATHLETIC COMPLEX PLAN - MECHANICAL

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY BRADLEY NATION 37771 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX DEMOLITION PLAN - MECHANICAL

JOB NO.	2459
DATE	3/24/2026
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No.	Description	Date

SHEET

MD8.1

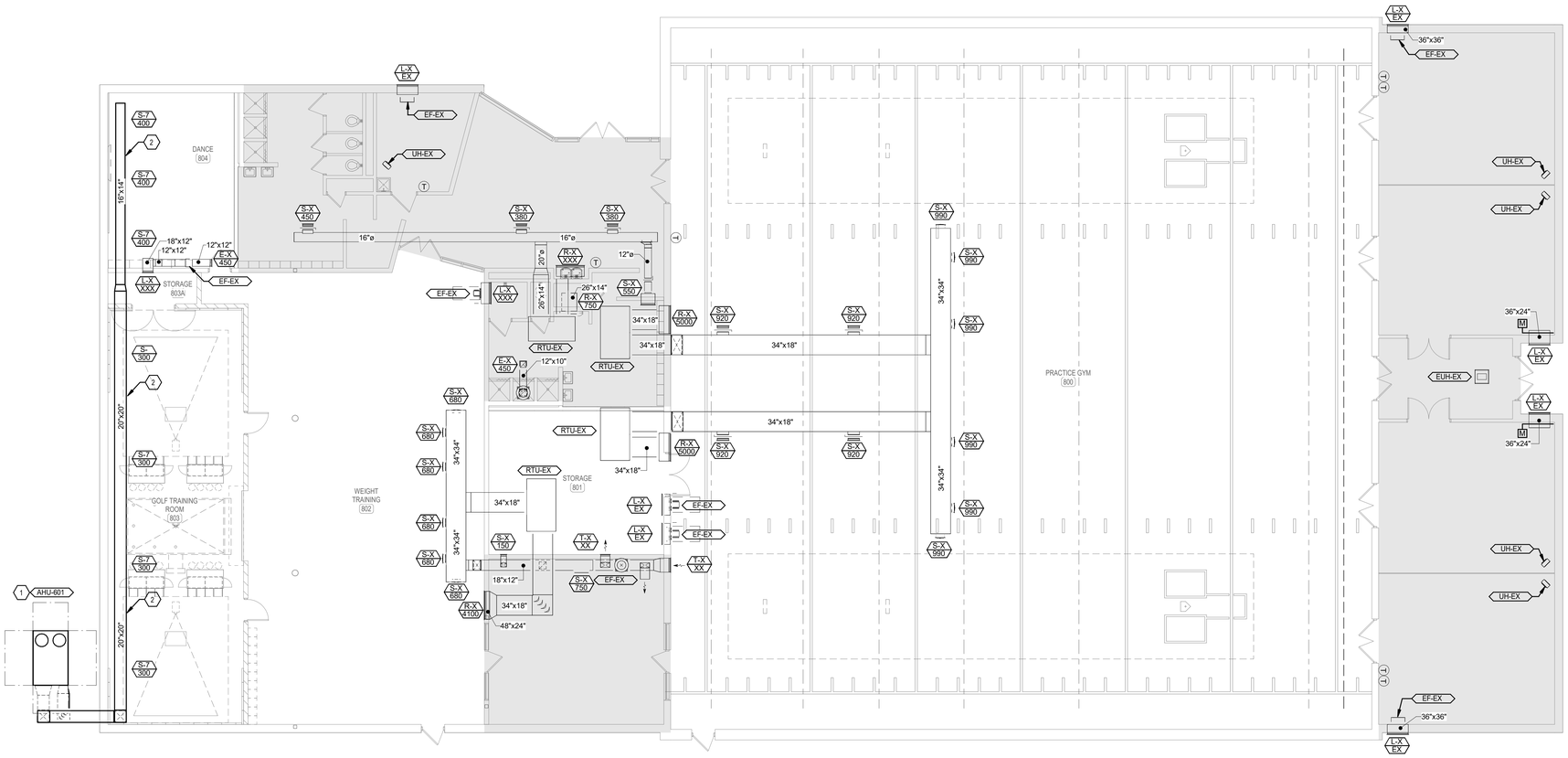
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MASTER FILE: 2459 - FIRST FLOOR DEMOLITION PLAN - ATHLETICS - MECHANICAL.rvt
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2509b-Allen Co. v28 MEP.rvt
3/20/2026 11:36:12 AM

GENERAL NOTES

A. REFER TO SHEET M0.1 FOR MECHANICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE AND INSTALL AIR HANDLER ON 4" CONCRETE EQUIPMENT PAD. SUPPORT 14" OFF OF GROUND. REFER TO SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. DUCTWORK MOUNTED AS HIGH AS POSSIBLE AT BOTTOM OF CEILING.

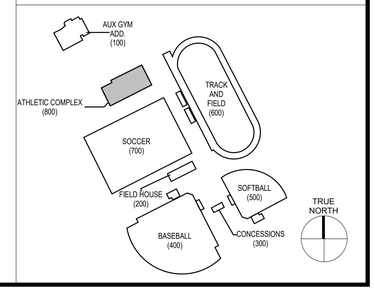


1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - MECHANICAL

SCALE: 1/8" = 1'-0"

0 4" 8" 16"

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - MECHANICAL

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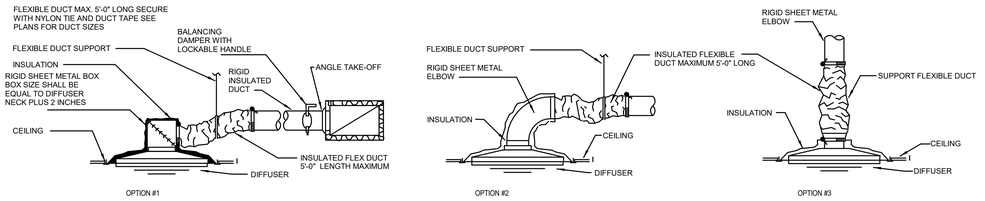
M8.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M8.1 ATHLETICS COMPLEX NEW WORK PLAN - MECHANICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2500b-Allen Co. v26 MEP.rvt
3/30/2026 11:36:17 AM

NOTE:
PROVIDE A MINIMUM OF FOUR (4) SHEET METAL SCREWS THRU 3-WRAPS OF DUCT TAPE TO SECURE FLEXIBLE DUCT TO THE SHEET METAL PRIOR TO INSTALLING THE 1/4" WIDE PLENUM RATED NYLON TIE. THE FLEXIBLE DUCT INSULATION SHALL BE SECURED WITH 3-WRAPS OF DUCT TAPE.

NOTE:
ALL MATERIALS USED FOR DUCT CONNECTION MUST BE PLENUM RATED.



DIFFUSER RUNOUT DETAIL

NOT TO SCALE 233113

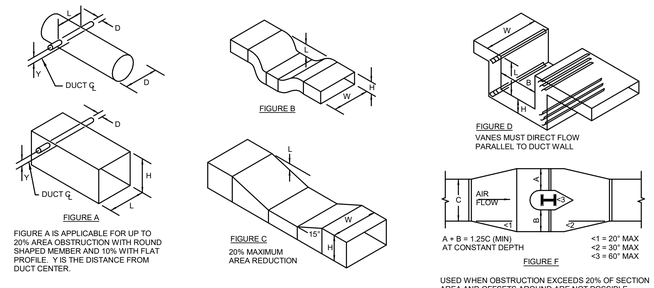
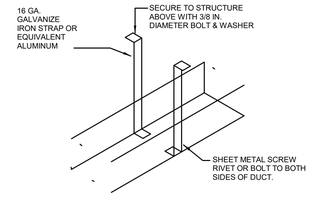


FIGURE A IS APPLICABLE FOR UP TO 20% AREA OBSTRUCTION WITH ROUND SHAPED MEMBER AND 10% WITH FLAT PROFILE. Y IS THE DISTANCE FROM DUCT CENTER.

USED WHEN OBSTRUCTION EXCEEDS 20% OF SECTION AREA AND OFFSETS AROUND ARE NOT POSSIBLE

DUCT OBSTRUCTIONS

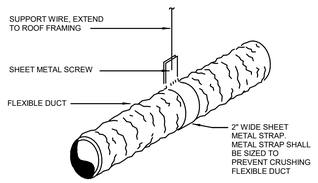
NOT TO SCALE 233113



NOTE:
(8 FT. MAX. HANGER SPACING) ALSO PROVIDE 3 HANGERS AT EACH TAKE-OFF OR BRANCH

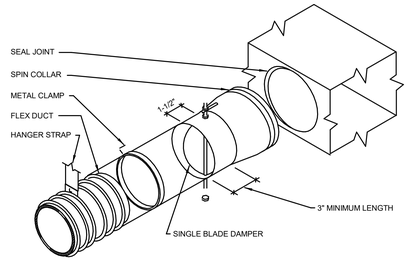
RECTANGULAR DUCT HANGER DETAIL

NOT TO SCALE 233113



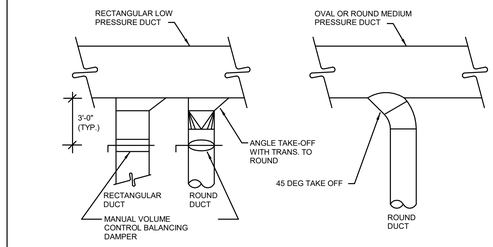
FLEXIBLE DUCT SUPPORT DETAILS

NOT TO SCALE 233113



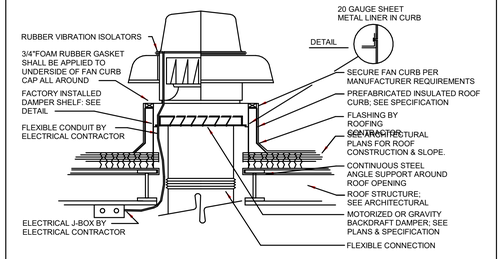
SPIN COLLAR FLEXIBLE DUCT CONNECTOR WITH DAMPER

NOT TO SCALE 233113



BRANCH TAKE OFF DUCTWORK DETAIL

NOT TO SCALE 233113



ROOF EXHAUST FAN DETAIL

NOT TO SCALE 233423

NO. PINS	LINER INTERIOR WIDTH
0	8"DN
2	9"-16"
3	17"-28"
4	29"-40"
5	41"-52"
6	53"-61"
7	65"-76"
8	77"-88"
9	89"-100"

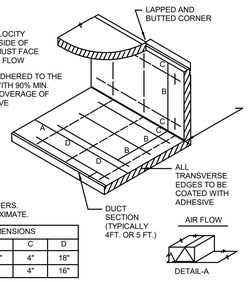
THE VELOCITY RATED SIDE OF LINER MUST FACE THE AIR FLOW

LINER ADHERED TO THE DUCT WITH 90% MIN. AREA COVERAGE OF ADHESIVE

WHEN VELOCITY EXCEEDS 4000 FPM USE METAL NOSING ON EVERY LEADING EDGE. NOSING MAY BE FORMED ON DUCT OR BY CHANNEL OR ZEE ATTACHED BY SCREWS, RIVETS OR WELDS.

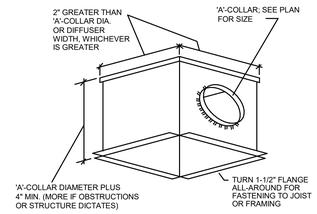
MAXIMUM SPACING FOR FASTENERS. ACTUAL INTERVALS ARE APPROXIMATE.

VELOCITY	DIMENSIONS			
	A	B	C	D
0-2500 FPM	3"	12"	4"	18"
2501-6000 FPM	3"	6"	4"	16"



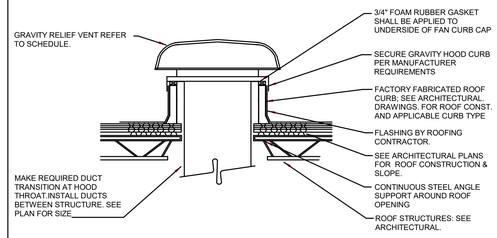
DUCTWORK LINER INSTALLATION DETAIL

NOT TO SCALE 233113



SHEET METAL BOOT DETAIL

NOT TO SCALE 233113



GRAVITY RELIEF VENT DETAIL

NOT TO SCALE 233723

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

MECHANICAL DETAILS

JOB NO.	2459
DATE	3/24/2026
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CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M9.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
MEP - MECHANICAL - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 11:38:18 AM

ROOFTOP UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	ELECTRICAL V/Ø/Hz	MCA (A)	MOCP (A)	SCCR (kA)	EFFICIENCY (AT AHRI)	OUTSIDE AIR AMOUNT (CFM)	SUPPLY FAN AIRFLOW (CFM)	SUPPLY FAN ESP (IN H²O)	SUPPLY FAN MOTOR SIZE (HP)	RETURN/EXHAUST FAN AIRFLOW (CFM)	RETURN/EXHAUST FAN ESP (IN H²O)	RETURN/EXHAUST FAN MOTOR SIZE (HP)	PRIMARY FILTER TYPE	ENERGY RECOVERY WHEEL WINTER AMBIENT EDB (F)	AMBIENT EWB (F)	WINTER SUPPLY LDB (F)	WINTER SUPPLY LWB (F)	WINTER RETURN EDB (F)	WINTER RETURN EWB (F)	SUMMER AMBIENT EDB (F)	SUMMER AMBIENT EWB (F)	SUMMER SUPPLY LDB (F)	SUMMER SUPPLY LWB (F)	SUMMER RETURN EDB (F)	SUMMER RETURN EWB (F)	DX COOLING SECTION EDB DEG F	EWB DEG F	LDB DEG F	LWB DEG F	TOTAL CAPACITY (MBH)	COMPRESSOR QTY	COMPRESSOR REFRIGERANT TYPE	GAS HEAT SECTION TYPE	STAGES	INPUT MBH	LDB DEG F	CAPACITY MBH	HOT GAS REHEAT AIRFLOW (CFM)	EAT DB (°F)	LAT DB (°F)	TOTAL CAPACITY (MBH)	REMARKS
RTU-101	DAIKIN	DPSC20B	460/3/60	56.0	70	65	20 IEER/11.1 EER	1920	6400	0.5	5.0	N/A			2" MERV 8	N/A												81.0	67.3	53.7	53.7	252.5	2	R32	GAS	4	300	60.0	96.2	243	6400	59.7	70	113.4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,18
RTU-102	DAIKIN	DPSC20B	460/3/60	56.0	70	65	20 IEER/11.1 EER	1920	6400	0.5	5.0	N/A			2" MERV 8	N/A												81.0	67.3	53.7	53.7	252.5	2	R32	GAS	4	300	60.0	96.2	243	6400	59.7	70	113.4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,18
RTU-103	DAIKIN	DHG072J0	460/3/60	12.2	15	5	18.6 IEER/12.5 EER	600	2000	0.4	1.2	N/A			2" MERV 8	N/A												80.0	67.0	57.3	55.6	68.3	1	R32	GAS	2	150	48.0	105.4	121.5	2000	55.9	70	32.2	1,2,3,4,5,6,7,9,10,11,12,13,14,16
RTU-201	DAIKIN	DPSC18B	460/3/60	54.7	70	65	19.7 IEER/11.0 EER	2300	7000	1.5	7.5	400	0.5	4.4	2" MERV 8	0.0	-1.0	50.8	39.2	70.0	50.0	95.0	78.0	80.3	66.8	75.0	62.0	80.3	66.8	56.1	56.1	223.0	1	R32	GAS	4	300	50.8	83.7	243.0	7000	56.1	70	105.8	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17
RTU-202	DAIKIN	DPSC07B	460/3/60	28.1	35	65		2600	2600	1.0	3.0	2600	0.5	1.7	2" MERV 8	0.0	-1.0	46.2	36.0	70.0	50.0	95.0	78.0	81.1	67.9	75.0	62.0	81.1	67.9	55.3	55.3	97.2	1	R32	GAS	2	200	46.2	105.3	162.0	2600	55.3	70	41.4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

REMARKS:
1. COOLING AMBIENT DESIGN CONDITIONS: 95F DB / 78F WB. HEATING AMBIENT DESIGN CONDITIONS: 0F DB / -1F WB.
2. AIR-SOURCE TWO STAGE COOLING, GAS HEATING
3. WITH 14" TALL, INSULATED ROOF CURB.
4. WITH HOT GAS REHEAT FOR DEHUMIDIFICATION
5. PROVIDE WITH FACTORY R32 SENSOR
6. SINGLE POINT POWER CONNECTION WITH FACTORY-INSTALLED DISCONNECT SWITCH
7. WITH BYPASS DAMPER FOR RECIRCULATION AND DEHUMIDIFICATION MODE.
8. ENERGY RECOVERY WHEEL
9. FAN CYCLING CONTROL OPTION
10. HIGH AND LOW PRESSURE SWITCH
11. COMPRESSOR SHORT CYCLE TIMER
12. WITH FACTORY-MOUNTED CONTROLS. INTEGRATE TO CENTRAL CONTROLLER AND EXPOSE ALL POINTS.
13. PROVIDE UNIT WITH 2", MERV 8, PLEATED MEDIA FILTERS ON BOTH SUPPLY AND EXHAUST AIR TUNNELS (IF PRESENT).
14. VFD ON SUPPLY FAN.
15. VFD ON RETURN FAN.
16. PROVIDE WITH PHASE PROTECTION, SMOKE DETECTOR SHUT DOWN AND 120V UNIT-POWERED CONVENIENCE OUTLET.
17. WITH 5% PURGE ACROSS WHEEL.
18. BOTTOM RETURN, HORIZONTAL DISCHARGE.

REFER TO SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS AND ADDITIONAL REQUIREMENTS.

VARIABLE AIR VOLUME BOX SCHEDULE

MARK (VAV-#)	MANUFACTURER	MODEL	SIZE	INLET (IN)	AIRFLOW MAX (CFM)	AIRFLOW MIN (CFM)	AIRFLOW INLET VELOCITY (FPM)	AIRFLOW MAX APD (IN WC)	HEATING COIL AIRFLOW (CFM)	HEATING COIL AIR EAT (F)	HEATING COIL AIR LAT (F)	HEATING COIL CAPACITY (MBH)	ELECTRICAL CAPACITY (KW)	ELECTRICAL V/Ø/HZ	ELECTRICAL MCA	ELECTRICAL MOCP	REMARKS
VAV-201	ENVIRO-TEC	SDR	19	28"x14"	3000	1500	1100	0.75	1500	55	95		20.0	480/3/60	31.4	40	ALL
VAV-202	ENVIRO-TEC	SDR	8	8"Ø	300	150	860	0.75	150	55	95		2.0	480/3/60	3.1	15	ALL
VAV-203	ENVIRO-TEC	SDR	19	28"x14"	3000	1500	1100	0.75	1500	55	95		20.0	480/3/60	31.4	40	ALL
VAV-204	ENVIRO-TEC	SDR	6	6"Ø	200	120	1000	0.75	120	55	95		1.5	480/3/60	2.4	15	ALL
VAV-205	ENVIRO-TEC	SDR	10	10"Ø	550	275	1000	0.75	275	55	95		3.5	480/3/60	5.5	15	ALL

REMARKS:
1. HEATING ENTERING / LEAVING AIR TEMPERATURE: 55 F / 95 F.
2. MAX NC TO BE 25.
3. PROVIDE UNIT WITH 1/2" FOIL FACED, INTERNAL INSULATION (FACTORY APPLIED)
4. REFER TO FLOOR PLANS FOR REQUIRED VAV BOX CONFIGURATION.
5. ELECTRIC HEATER TO BE SILICON CONTROLLED RECTIFIER (SCR) CONTROLLED.
6. PROVIDE ACCESS PANEL ON BOTTOM OF BOX.
7. DESIGN INLET STATIC PRESSURE TO BE 1 IN WC.
8. REFER TO DETAILS FOR CONFIGURATION AND OTHER REQUIRED ACCESSORIES.
9. ALL UNIT CONTROLS ARE TO BE FURNISHED AND INSTALLED BY THE TCC PER SPECIFICATION SECTION 230900. EACH VAV BOX SHALL HAVE A DEDICATED, FIELD INSTALLED CONTROLLER.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: TITUS, TRANE, PRICE, JCI. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

AIR DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	MODULE	NECK	MAX CFM	S.P.	OBD	MAX NC	MOUNTING	COLOR	REMARKS
S-1	PRICE	ASCD	12x12	6" RD.	50	.01"	NO	20	LAY-IN	WHITE	1,2
S-2	PRICE	ASCD	24x24	6" RD.	100	.01"	NO	20	LAY-IN	WHITE	1,2
S-3	PRICE	ASCD	24x24	8" RD.	200	.02"	NO	20	LAY-IN	WHITE	1,2
S-3S	PRICE	ASCD	24x24	8" RD.	200	.02"	NO	20	SURFACE	WHITE	1,2
S-4	PRICE	ASCD	24x24	10" RD.	375	.03"	NO	20	LAY-IN	WHITE	1,2
S-5	PRICE	SDG	12x6	10x4	100	.03" @ 0°	YES	20	SPIRAL DUCT	WHITE	7
S-6	PRICE	620D	10x6	8x4	90	.05" @ 45°	YES	20	SURFACE	WHITE	6
S-7	PRICE	620D			400	.07" @ 45°	YES	20	SURFACE	WHITE	6
R-1	PRICE	85	12x12	10x10	400	.068"	NO	16	LAY-IN	WHITE	3,4
R-2	PRICE	85	24x24	22x22	1000	.044"	NO	20	LAY-IN	WHITE	3,4
R-3	PRICE	95	32x32	30x30	6400	0.11"	NO	40	SURFACE	SEE REMARK	6,8,9
E-1	PRICE	85	12x12	10x10	400	.068"	NO	16	LAY-IN	WHITE	3,4
E-2	PRICE	85	24x24	22x22	1000	.044"	NO	20	LAY-IN	WHITE	3,4
E-3	PRICE	630	10x6	8x4	90	.05"	NO	19	SURFACE	WHITE	6
T-1	PRICE	85	24x24	22x22	1000	.044"	NO	20	LAY-IN	WHITE	3,4

REMARKS:
1. COORDINATE AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS PRIOR TO INSTALLATION. LIGHTING HAS PRIORITY OVER HVAC
2. 4-WAY THROW.
3. PROVIDE SQUARE TO ROUND ADAPTER AS REQUIRED.
4. 45 DEGREE CORE EGG CRATE.
5. DOUBLE DEFLECTION GRILLE
6. HORIZONTAL FRONT BLADES
7. INSTALL AIR DEVICE AT 45 DEGREES BELOW HORIZONTAL UNLESS OTHERWISE INDICATED.
8. 0 DEGREE DEFLECTION, 3/4 IN BLADE SPACING.
9. COLOR TO BE SELECTED BY ARCHITECT.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: KRUEGER, TITUS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL	CFM	ESP (IN H20)	SONES	DRIVE TYPE	RPM	ELECTRICAL V/Ø/Hz	HP	MCA	MOCP	REMARKS
EF-101	GREENHECK	G-100-VG	870	0.5	7.7	DIRECT	1,375	115/1/60	1/4	4.8	15	1,2,3,5,8
EF-201	GREENHECK	G-140-VG	1900	0.6	11.5	DIRECT	1,289	115/1/60	3/4	12.5	15	1,2,3,5,8
EF-301	GREENHECK	G-90-VG	300	0.2	3.4	DIRECT	990	115/1/60	1/10	1.9	15	1,2,3,5,7
EF-302	GREENHECK	G-90-VG	450	0.3	5.7	DIRECT	1,324	115/1/60	1/10	1.9	15	1,2,3,5,7
EF-303	GREENHECK	G-90-VG	300	0.2	3.4	DIRECT	990	115/1/60	1/10	1.9	15	1,2,3,5,7
EF-401	GREENHECK	SQ-90-VG	450	0.3	6.6	DIRECT	1,456	115/1/60	1/6	3.5	15	1,2,3,6,7
EF-501	GREENHECK	SQ-90-VG	450	0.3	6.6	DIRECT	1,456	115/1/60	1/6	3.5	15	1,2,3,6,7
EF-601	GREENHECK	G-90-VG	500	0.3	6.2	DIRECT	1,397	115/1/60	1/10	1.9	15	1,2,3,5,7
EF-602	GREENHECK	G-90-VG	500	0.3	6.2	DIRECT	1,397	115/1/60	1/10	1.9	15	1,2,3,5,7

REMARKS:
1. PROVIDE WITH UNIT MOUNTED DISCONNECT
2. PROVIDE WITH UNIT MOUNTED SPEED CONTROL
3. PROVIDE WITH APPROPRIATE BACKDRAFT DAMPER
4. CEILING MOUNTED EXHAUST FAN WITH APPROPRIATE CEILING GRILLE. SUPPORT FROM STRUCTURE.
5. ROOF MOUNTED EXHAUST FAN. PROVIDE WITH 14" TALL INSULATED ROOF CURB.
6. INLINE FAN MOUNTED ABOVE CEILING. SUPPORT FROM STRUCTURE.
7. INTERLOCK WITH WALL SWITCH, COORDINATE WITH ELECTRICAL CONTRACTOR.
8. INTERLOCK WITH BAS TO OPERATE ACCORDING TO BUILDING OCCUPANCY SCHEDULE.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: CARNES, COOK. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	CFM	BTUH	ELECTRICAL V/Ø/Hz	KW	MCA	MOCP	REMARKS
EUH-101	QMARK	EFF1500	CEILING HEATER	150	5,120	120/1/60	1.5	15.6	20	ALL
EUH-102	QMARK	EFF1500	CEILING HEATER	150	5,120	120/1/60	1.5	15.6	20	ALL
EUH-103	QMARK	EFF1500	CEILING HEATER	150	5,120	120/1/60	1.5	15.6	20	ALL
EUH-104	QMARK	MUH03-81	UNIT HEATER	350	10,200	208/1/60	3.0	18.1	20	ALL
EUH-201	QMARK	MUH03-81	UNIT HEATER	350	10,200	208/1/60	3.0	18.1	20	ALL
EUH-202	QMARK	MUH03-81	UNIT HEATER	350	10,200	208/1/60	3.0	18.1	20	ALL
EUH-301	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-302	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-303	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-304	QMARK	MUH03-81	UNIT HEATER	350	10,200	208/1/60	3.0	18.1	20	ALL
EUH-305	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-306	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-307	QMARK	CDF-548	CEILING HEATER	300	6,800	208/3/60	2.0	12	15	ALL
EUH-308	QMARK	AWH3150F	WALL HEATER	150	5,120	120/1/60	1.5	15.6	20	ALL
EUH-309	QMARK	AWH3150F	WALL HEATER	150	5,120	120/1/60	1.5	15.6	20	ALL
EUH-601	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-602	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-603	QMARK	MUH03-81	UNIT HEATER	350	10,200	208/1/60	3.0	18.1	20	ALL
EUH-604	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-605	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-606	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-607	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL
EUH-608	QMARK	CDF-548	CEILING HEATER	300	13,700	208/3/60	4.0	24	30	ALL

REMARKS:
1. INTEGRAL THERMOSTAT AND DISCONNECT, TCC TO PROVIDE THIRD PARTY THERMOSTAT FOR INTERFACE WITH BAS.
2. PROVIDE REQUIRED MOUNTING BRACKET FOR MOUNTING AS INDICATED ON PLANS

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: MARKEL, REDDI. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PACKAGED AIR HANDLER SCHEDULE

MARK	MANUFACTURER	MODEL	WEIGHT	EER at AHRI	COOLING STAGES	MINIMUM O.A. (CFM)	SUPPLY FAN AIRFLOW (CFM)	SUPPLY FAN ESP (inH²O)	SUPPLY FAN MOTOR SIZE (HP)	LAT LDB (F)	LAT LWB(F)	COOLING TOTAL CAPACITY (MBH)	COOLING SENSIBLE CAPACITY (MBH)	COMPRESSOR STAGES	COMPRESSOR REFRIGERANT	ELECTRIC HEATING TOTAL INPUT (KW)	ELECTRIC HEATING EDB/LDB	ELECTRICAL V/Ø/Hz	ELECTRICAL MCA	ELECTRICAL MOCP	REMARKS
AHU-801	DAIKIN	DSH090	1350	11.4	2	720	2400	0.5	3.5	55.0	55	84.8	61.9	2	R32	15	55/100	208/3/60	81.4	90	ALL

REMARKS:
1. COOLING DESIGN CONDITIONS: EAT 80F DB /67F WB AND 95F DB / 78F WB AMBIENT. HEATING AMBIENT DESIGN CONDITIONS BASED ON 0F DB / -1F WB.
2. OUTDOOR PACKAGED HEAT PUMP UNIT WITH SUPPLEMENTAL ELECTRIC HEATING.
3. PROVIDE AIR HANDLER UNIT WITH CONCRETE EQUIPMENT PAD AND SUPPORT 14" OFF GROUND.
4. PROVIDE WITH DRY BULB ECONOMIZER + HOOD.
5. PROVIDE WTH BAROMETRIC RELIEF DAMPER WITH HOOD KIT.
6. PROVIDE WITH HAIL GUARD KIT.
7. PROVIDE WITH UNIT CONTROLLER (BY TCC) FOR INTERFACE WITH EXISTING BAS SYSTEM.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: JCI, CARRIER, YORK. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

MINI-SPLIT SYSTEM SCHEDULE

MARK	MANUFACTURER	MODEL	CFM (HI/LO)	SEER	EER	COOLING CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	HEATING CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	ELECTRICAL V/Ø/Hz	ELECTRICAL RLA	ELECTRICAL MCA	ELECTRICAL MOP	WEIGHT (LBS.)	REMARKS
OUTDOOR UNIT															
ODU-101	DAIKIN	RXF12BVJU9	-	21	12.5	12.0	9.9	13.5	13.5	208/1/60	-	14.6	20	73.0	1,2,3,4,5,7
INDOOR UNIT															
IDU-101	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
OUTDOOR UNIT															
ODU-201	DAIKIN	RXF12BVJU9	-	21	12.5	12.0	9.9	13.5	13.5	208/1/60	-	14.6	20	73.0	1,2,3,4,5,7
INDOOR UNIT															
IDU-201	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
OUTDOOR UNIT															
ODU-401	DAIKIN	RXF12BVJU9	-	21	12.5	12.0	9.9	13.5	13.5	208/1/60	-	14.6	20	73.0	1,2,3,4,5,6
INDOOR UNIT															
IDU-401	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
OUTDOOR UNIT															
ODU-501	DAIKIN	RXF12BVJU9	-	21	12.5	12.0	9.9	13.5	13.5	208/1/60	-	14.6	20	73.0	1,2,3,4,5,6
INDOOR UNIT															
IDU-501	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
OUTDOOR UNIT															
ODU-601	DAIKIN	RXF24BVJU9	-	21	12.5	24.0	19.8	27.0	27.0	208/1/60	-	14.6	20	73.0	1,2,3,4,5,6
INDOOR UNIT															
IDU-601	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
IDU-602	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10
OUTDOOR UNIT															
ODU-701	DAIKIN	RXF12BVJU9	-	21	12.5	12.0	9.9	13.5	13.5	208/1/60	-	14.6	20	73.0	1,2,3,4,5,6
INDOOR UNIT															
IDU-701	DAIKIN	FTXF12BVJU9	399/219	-	-	-	-	-	-	-	-	-	-	20.0	1,8,9,10

REMARKS
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS. MAINTAIN MANUFACTURER'S CLEARANCES.
2. COOLING CAPACITY IS BASED ON 80 DB/67 WB INDOOR AIR TEMP AND 95 DB AMBIENT OUTDOOR.
3. PROVIDE SINGLE POINT ELECTRICAL CONNECTION FOR INDOOR AND OUTDOOR UNIT.
4. R-32 REFRIGERANT. SIZE ALL REFRIGERANT PIPING PER MANUFACTURER'S INSTRUCTIONS. REVIEW PIPING RUNS WITH MANUFACTURER.
5. PROVIDE WITH WIND BAFFLE FOR COOLING RANGE OF 0 DB - 115 DB AMBIAENT OUTDOOR RANGE.
6. PROVIDE WITH CONCRETE PAD FOR CONDENSING UNIT MOUNTING. SEE DETAILS.
7. PROVIDE WITH ROOF CURB FOR CONDENSING UNIT MOUNTING. SEE DETAILS.
8. PROVIDE INDOOR UNIT WITH WASHABLE FILTER.
9. PROVIDE INDOOR UNIT WITH CONDENSATE PUMP.
10. POWER INDOOR UNIT FROM OUTDOOR UNIT.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: SAMSUNG, MITSUBISHI, TRANE, JCI, LG. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SPLIT SYSTEM SCHEDULE

MARK	MANUFACTURER	MODEL	CFM	IEER	EER	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	ELECTRICAL V/Ø/Hz	ELECTRICAL RLA	ELECTRICAL MCA	ELECTRICAL MOCP	WEIGHT (LBS.)	REMARKS
OUTDOOR UNIT													
CU-301	DAIKIN	DH4SQA2410	-	15.2	12.5	23.6	22.0	208/1/60		11.2	15	168.0	1,2,3,4,5,6
INDOOR UNIT													
AHU-301	DAIKIN	DFVE24BP1300	800		-	-	-	208/1/60	-	4.9	15	115.0	1,7,8
OUTDOOR UNIT													
CU-401	DAIKIN	DH4SQA2410	-	15.2	12.5	23.6	22.0	208/1/60		11.2	15	168.0	1,2,3,4,5,6
INDOOR UNIT													
AHU-401	DAIKIN	DFVE24BP1300	800		-	-	-	208/1/60	-	4.9	15	115.0	1,7,8
OUTDOOR UNIT													
CU-501	DAIKIN	DH4SQA2410	-	15.2	12.5	23.6	22.0	208/1/60		11.2	15	168.0	1,2,3,4,5,6
INDOOR UNIT													
AHU-501	DAIKIN	DFVE24BP1300	800		-	-	-	208/1/60	-	4.9	15	115.0	1,7,8
OUTDOOR UNIT													
CU-601	DAIKIN	DH4SQA2410	-	15.2	12.5	23.6	22.0	208/1/60		11.2	15	168.0	1,2,3,4,5,6
INDOOR UNIT													
AHU-601	DAIKIN	DFVE24BP1300	800		-	-	-	208/1/60	-	4.9	15	115.0	1,7,8

REMARKS
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS. MAINTAIN MANUFACTURER'S CLEARANCES.
2. COOLING CAPACITY IS BASED ON 80 DB/67 WB INDOOR AIR TEMP AND 95 DB AMBIENT OUTDOOR.
3. PROVIDE SINGLE POINT ELECTRICAL CONNECTION FOR INDOOR AND OUTDOOR UNIT.
4. R-32 REFRIGERANT. SIZE ALL REFRIGERANT PIPING PER MANUFACTURER'S INSTRUCTIONS. REVIEW PIPING RUNS WITH MANUFACTURER.
5. PROVIDE WITH WIND BAFFLE FOR COOLING RANGE OF 0 DB - 115 DB AMBIAENT OUTDOOR RANGE.
6. PROVIDE CONCRETE EQUIPMENT PAD FOR CONDENSING UNIT MOUNTING.
7. PROVIDE INDOOR UNIT WITH WASHABLE FILTER.
8. POWER INDOOR UNIT FROM OUTDOOR UNIT.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: SAMSUNG, MITSUBISHI, TRANE, JCI, LG. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GRAVITY HOOD SCHEDULE

MARK	MANUFACTURER	MODEL	INTAKE / EXHAUST	CFM	S.P. DROP	HOOD VELOCITY	THROAT SIZE LENGTH (IN)	THROAT SIZE WIDTH (IN)	THROAT SIZE HEIGHT (IN)	THROAT SIZE AREA (SQ FT)	REMARKS
GH-301	GREENHECK	GRSI	INTAKE	200	0.05	541	8	8	19.25	0.40	ALL
GH-302	GREENHECK	GRSI	INTAKE	200	0.05	541	8	8	19.25	0.40	ALL
GH-601	GREENHECK	GRSI	INTAKE	250	0.032	439	10	10	19.75	0.60	ALL
GH-602	GREENHECK	GRSI	INTAKE	250	0.032	439	10	10	19.75	0.60	ALL
GH-603	GREENHECK	GRSI	INTAKE	250	0.032	439	10	10	19.75	0.60	ALL
GH-604	GREENHECK	GRSI	INTAKE	250	0.032	439	10	10	19.75	0.60	ALL

REMARKS:
1. UNIT TO INCLUDE 12" HIGH ROOF CURB. CONFIRM ROOF SLOPES PRIOR TO ORDERING.
2. ALUMINUM HIGH EFFICIENCY GRAVITY HOOD.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: CARNES, COOK, UNITED ENERTECH. REFER TO SPECIFICIATIONS FOR ADDITIONAL REQUIREMENTS.

SHERMAN CARTER BARNHART ARCHITECTS

STATE OF KENTUCKY BRADLEY NATION 27173 LICENSED PROFESSIONAL ENGINEER 03/26/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

MECHANICAL SCHEDULES

JOB NO.	2459
DATE	3/24/2026
DRAWN	BRN
CHECKED	NCM

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REVISIONS

No.	Description	Date

SHEET

M10.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
M10.1 MECHANICAL SCHEDULES.dwg
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GENERAL NOTES:

SITE UTILITIES:

A. COORDINATE ALL SITE UTILITY WORK WITH THE FOLLOWING:

POWER COMPANY
NAME - NUMBER

TELEVISION COMPANY
NAME - NUMBER

TELEPHONE COMPANY
NAME - NUMBER

B. ALL COSTS FROM THE UTILITY COMPANIES LISTED ABOVE SHALL BE THE ELECTRICAL CONTRACTOR'S FINANCIAL RESPONSIBILITY.

C. KY B.U.D: BEFORE YOU DIG PHONE 1-800-752-6007. THE UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS ARE FROM SITE SURVEYS, RECORD DRAWINGS AND FROM VISUAL SITE INSPECTIONS. UTILITY LOCATIONS ARE APPROXIMATE AND THERE MAY BE OTHER UNDERGROUND UTILITIES IN THE AREA. CONTACT ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY EXCAVATION.

D. COORDINATE ALL ELECTRICAL SITE WORK (DEMOLITION AND NEW INSTALLATIONS) WITH THE NEW SITE GRADING.

E. UNDERGROUND CONDUITS SHALL BE BURIED A MINIMUM OF 30-INCHES BELOW GRADE UNLESS OTHERWISE NOTED.

DEMOLITION:

A. ALL ELECTRICAL ITEMS SHOWN AS LIGHTER WEIGHT ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

B. ALL ELECTRICAL ITEMS SHOWN IN HEAVIER WEIGHT SHALL BE REMOVED UNLESS OTHERWISE NOTED.

C. THE CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, CONCRETE BASES, HOUSEKEEPING PADS, AND ANY OTHER ITEMS ASSOCIATED WITH EQUIPMENT SHOWN TO BE REMOVED SHALL ALSO BE REMOVED UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE REMOVED BACK TO THE SOURCE. ALL ACCESSIBLE CONDUITS SHALL BE REMOVED. EXISTING UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE AFTER THEIR ENDS HAVE BEEN REMOVED TO A MINIMUM OF 30 INCHES BELOW GRADE AND CAPPED.

D. WHERE ANY EXISTING ELECTRICAL ITEMS ARE SHOWN TO BE REMOVED, THE ELECTRICAL CONTRACTOR SHALL RECONNECT WIRING AS REQUIRED TO ENSURE ALL DOWNSTREAM DEVICES REMAIN OPERATIONAL.

E. REMOVE ALL EXISTING AND ACCESSIBLE ABANDONED LOW VOLTAGE CABLING. ACCESSIBLE AREAS INCLUDE, BUT NOT LIMITED TO, ABOVE LAY-IN CEILINGS, BELOW RAISED FLOORS AND EXPOSED LOCATIONS.

F. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ALL AREAS WHERE WALLS, SLABS AND MATERIALS HAVE BEEN CUT, REMOVED OR MODIFIED AS A RESULT OF DEMOLITION. PATCHING AND REPAIRS SHALL MATCH THE ADJACENT EXISTING MATERIALS, RATINGS AND FINISHES.

G. REFER TO THE MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR LOCATION OF EQUIPMENT REQUIRING ELECTRICAL DEMOLITION. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING EQUIPMENT AND DEMOLISHING THE ASSOCIATED CONDUIT, CONDUCTORS, DISCONNECTS, STARTERS, ETC.

H. ALL EXISTING ITEMS SHOWN HAVE BEEN COMPILED FROM SITE SURVEYS, RECORD DRAWINGS AND VISUAL SITE INSPECTIONS. ALL ITEMS TO BE REMOVED MAY NOT BE SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH THE EXTENT OF THE DEMOLITION WORK REQUIRED.

I. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL EXISTING SYSTEMS ACTIVE UNTIL THEY ARE DEMOLISHED IN THEIR RESPECTIVE PHASES. PROVIDE ALL TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE ALL DEMOLITION WORK WITH THE TIMING/SEQUENCE OF NEW WORK.

J. WHERE THE CONTRACT DOCUMENTS INCLUDE THE REMOVAL OF THE EXISTING CEILINGS, EXISTING CEILING MOUNTED DEVICES NOT SHOWN TO BE REMOVED SHALL BE PROTECTED, SUPPORTED IN-PLACE AND REINSTALLED IN THE NEW CEILING.

LIGHTING:

A. THE CONTRACTOR SHALL INSTALL THE REQUIRED NUMBER OF CONDUCTORS BETWEEN SWITCHES, LIGHT FIXTURES AND ASSOCIATED DEVICES FOR A COMPLETE AND WORKING SYSTEM. PROVIDE SINGLE-LEVEL OR DUAL-LEVEL SWITCHING, THREE-WAY SWITCHING OR OTHER SWITCHING METHOD AS INDICATED ON THE DRAWINGS.

B. INSTALL AN UNSWITCHED CONDUCTOR TO ALL EXIT LIGHTS, EMERGENCY LIGHTS AND ALL OTHER FIXTURES USED FOR EMERGENCY ILLUMINATION AND SUPPLIED WITH INTEGRAL OR EXTERNAL BATTERIES. INSTALL A NORMAL UNSWITCHED CONDUCTOR TO ALL EMERGENCY RELAYS WHEN EMERGENCY POWER IS PROVIDED BY A GENERATOR OR MEANS OTHER THAN BATTERY POWER. THE UNSWITCHED CONDUCTOR SHALL BE FED FROM THE SAME CIRCUIT AS THE SWITCHED CONDUCTOR(S).

C. CABLING ASSOCIATED WITH THE LOW VOLTAGE LIGHTING CONTROLS, INCLUDING DIMMING, NETWORK AND CONTROL CABLES, SHALL BE INSTALLED AND SUPPORTED IN A SIMILAR MANNER AS OTHER LOW-VOLTAGE CABLING. THE CABLING SHALL BE INSTALLED SEPARATE FROM LINE VOLTAGE CONDUCTORS.

POWER:

A. THE NOMINAL VOLTAGE FOR THE POWER DISTRIBUTION SYSTEM SHALL BE 120/240V, 120/208V OR 277/480V AS NOTED ON THE DRAWINGS.
   a. THE CONTRACTOR SHALL CONFIRM THE SUPPLY VOLTAGE AT THE SERVICE IS NOMINAL PRIOR TO ENERGIZING PERMANENT POWER. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY AND ADJUST THE TAPS ON THE UTILITY TRANSFORMER AS NECESSARY TO PROVIDE THE SPECIFIED NOMINAL VOLTAGE AT THE SERVICE.
   b. THE CONTRACTOR SHALL CONFIRM THE SUPPLY VOLTAGE ON EQUIPMENT CONNECTED TO THE SECONDARY OF DISTRIBUTION TRANSFORMERS IS NOMINAL PRIOR TO ENERGIZING. THE CONTRACTOR SHALL ADJUST THE TAPS ON DISTRIBUTION TRANSFORMERS AS NECESSARY TO PROVIDE THE SPECIFIED NOMINAL VOLTAGE AT THE EQUIPMENT.
   c. THE CONTRACTOR SHALL INFORM THE ENGINEER IF THE VOLTAGE AT THE SERVICE OR AT THE EQUIPMENT CONNECTED TO THE SECONDARY OF DISTRIBUTION TRANSFORMERS IS MORE THAN +/- 2% OF NOMINAL.
   d. THE CONTRACTOR SHALL PROVIDE A WRITTEN RECORD OF THE MEASURED VOLTAGES TO THE ENGINEER AND INCLUDE A COPY IN THE O&M MANUALS.

B. PROVIDE CLEAR AND UNOBSTRUCTED WORKING SPACE FOR SAFETY SWITCHES IN ACCORDANCE WITH NEC ARTICLE 110.26. LOCATION OF SWITCHES ON THE PLANS ARE SHOWN FOR DRAWING CLARITY ONLY. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION WITH ALL OTHER TRADES TO ENSURE THE REQUIRED WORKING SPACE CLEARANCES ARE MAINTAINED

C. WHERE NOTED ON THE DRAWINGS TO REUSE OR CONNECT TO EXISTING LINE VOLTAGE CIRCUITS, THE CONTRACTOR SHALL INSTALL NEW CONDUIT AND CONDUCTORS AS NECESSARY TO EXTEND THE EXISTING CIRCUIT TO THE NEW CONNECTION/DEVICE LOCATION.

FIRE ALARM:

A. ALL FIRE ALARM CABLING SHALL BE INSTALLED WITHIN A MINIMUM OF 3/4 INCH CONDUIT.

B. PROVIDE DATA CONNECTION FROM THE NEAREST MDF/IDF TO THE FIRE ALARM IP DIALER. REFER TO THE DIVISION 27 SPECIFICATIONS FOR DATA CABLE REQUIREMENTS.

SEISMIC:

A. THE ELECTRICAL COMPONENTS, SUPPORTS, AND ATTACHMENTS FOR THIS PROJECT REQUIRE SEISMIC RESTRAINTS. REFER TO THE SPECIFICATIONS, SEISMIC AND WIND CONTROLS FOR ELECTRICAL SYSTEMS, SECTION 26 05 48, FOR ADDITIONAL INFORMATION.

LOW-VOLTAGE CABLING:

A. ALL LOW-VOLTAGE CABLING INSTALLED IN OPEN-AIR WITHIN AIR HANDLING SPACES SHALL BE PLENUM RATED.

B. ALL ELECTRICALLY CONDUCTIVE CABLES INSTALLED OUTDOORS SHALL BE PROVIDED WITH SURGE PROTECTION DEVICE(S). THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: FIRE ALARM CABLING FOR TAMPER SWITCHES, EXTERIOR MOUNTED SECURITY CAMERA CABLING, EXTERIOR MOUNTED SPEAKER CABLING AND CABLING BETWEEN SEPARATE BUILDINGS.

C. ALL LOW-VOLTAGE CABLING INSTALL UNDERGROUND OR IN OUTDOOR LOCATIONS SHALL BE WET LOCATION RATED.

D. CABLE INSTALLATION:
   a. EXPOSED CEILINGS OR STRUCTURES: INSTALL IN CONDUIT; IF CABLE TRAY IS SHOWN ON THE DRAWINGS IN THESE AREAS, PROVIDE TRAY WITH SOLID BOTTOM.
   b. ABOVE INACCESSIBLE CEILINGS AND WITHIN WALLS: INSTALL IN CONDUIT.
   c. CONCEALED ABOVE ACCESSIBLE CEILINGS: INSTALL IN J-HOOKS, CABLE TRAY, AND CONDUIT.

INTERUPTIONS OF SERVICE:

A. THE BUILDING SERVICES AND SYSTEMS SHALL REMAIN OPERATIONAL THROUGHOUT THE DURATION OF THE PROJECT. IF INTERRUPTIONS TO ANY SERVICE OR SYSTEM ARE NECESSARY TO FACILITATE COMPLETING THE PROJECT, THE CONTRACTOR SHALL:
   a. APPRISE THE OWNER OF ANTICIPATED INTERRUPTIONS IN ADVANCE AND SCHEDULE FOR TIMES THAT ARE CONVENIENT TO THE OWNER AND ALL OTHER AFFECTED PARTIES.
   b. COORDINATE AN ACCEPTABLE DURATION AND WORK AS NECESSARY TO MEET THE AGREED UPON SCHEDULE.
   c. NO INTERRUPTIONS SHALL OCCUR PRIOR TO RECEIVING WRITTEN APPROVAL FROM THE OWNER AND ALL OTHER AFFECTED PARTIES.
   d. FOR UNPLANNED INTERRUPTIONS, THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE THE AFFECTED SERVICE(S) AND SYSTEM(S).

SHERMAN CARTER BARNHART
ARCHITECTS

STATE OF KENTUCKY
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GENERAL ELECTRICAL NOTES

JOB NO.	2459
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ELECTRICAL LEGEND

LIGHTING

SYMBOL	DESCRIPTION
	SURFACE MOUNTED LUMINAIRE (NORMAL & EMERGENCY)
	RECESSED LUMINAIRE (NORMAL & EMERGENCY)
	WALL MOUNTED LUMINAIRE (NORMAL AND EMERGENCY)
	RECESSED LUMINAIRE (NORMAL AND EMERGENCY)
	SURFACE MOUNTED LUMINAIRE (NORMAL AND EMERGENCY)
	LINEAR PENDANT LUMINAIRE (NORMAL AND EMERGENCY)
	CIRCULAR LUMINAIRE (NORMAL AND EMERGENCY)
	WALL BRACKET LUMINAIRE (NORMAL AND EMERGENCY)
	INDUSTRIAL STRIP LUMINAIRE (NORMAL AND EMERGENCY)
	TRACK LUMINAIRE
	CEILING FAN
	TWO-HEAD EMERGENCY LIGHTING UNIT
	EMERGENCY REMOTE HEAD (SINGLE OR DOUBLE)
	EMERGENCY EXIT SIGN WITH COMBINATION EMERGENCY LUMINAIRE WALL AND CEILING MOUNT
	EMERGENCY EXIT SIGN - SINGLE FACE WITH ARROWS AS INDICATED WALL AND CEILING MOUNTED
	EMERGENCY EXIT SIGN - DOUBLE FACE
	POLE MOUNTED LUMINAIRE
	FLOOD OR SPOT LUMINAIRE
	BOLLARD OR POST TOP LUMINAIRE
LC-X	LIGHTING CONTROL RISER REFERENCE TAG
PC	PHOTOCELL
EP	EMERGENCY POWER PACK
ER	EMERGENCY BYPASS RELAY (UL924)
ET	EMERGENCY TRANSFER CONTROL (UL1008)
BP	BATTERY PACK
P2	LIGHTING CONTROL POWER PACK
PI	PORT INJECTOR
RP	LOW VOLTAGE LIGHTING RELAY PANEL
PL	PLUG LOAD CONTROL PACK
RC	ROOM CONTROLLER
NB	NETWORK BRIDGE
SC	SYSTEM CONTROLLER
UC	USER CONTROLLER
PS	POWER SUPPLY
TC	TIME CLOCK
C	CONTACTOR, POLES AS REQUIRED
S	RJ45 CONTROL WIRE SPLITTER
DL	DAYLIGHT SENSOR
OS OSW	DUAL TECHNOLOGY LOW VOLTAGE CORNER MOUNTED OCCUPANCY SENSOR WITH POWER PACK AND CEILING MOUNT OR WALL MOUNT BRACKET AS SHOWN.
OS	DUAL TECHNOLOGY LOW VOLTAGE CEILING MOUNTED, 360° OCCUPANCY SENSOR.
	LIGHTING CONTROL PANEL
	LIGHT SWITCH - SUBSCRIPT INDICATES THE FOLLOWING : 3 - 3 WAY, 4 - 4 WAY, K - KEY OPERATED, D - DIMMER, OS - LINE VOLTAGE OCCUPANCY SENSOR, L - LOW VOLTAGE, M - MANUAL MOTOR STARTER W/ HANDLE GUARD KIT AND PADLOCK. SEE LIGHTING CONTROL DIAGRAM SHEET FOR OTHER SUBSCRIPTS.

ONE LINE DIAGRAM

SYMBOL	DESCRIPTION
XXX	CIRCUIT BREAKER
GF	GROUND FAULT PROTECTION
VFD	VARIABLE FREQUENCY DRIVE
DMM	DIGITAL MONITORING METER
SPD	SURGE PROTECTION DEVICE
KWH	DIGITAL METER DISPLAY
M	POWER METERING DEVICE
	NON FUSED SWITCH
XXX	FUSED SWITCH
XXX	FUSE
	RELAY (NORMALLY OPEN)
XXX	PANEL
	DOUBLE THROW SWITCH OR TRANSFER SWITCH

POWER

SYMBOL	DESCRIPTION
	TAMPER RESISTANT DUPLEX RECEPTACLE - SUBSCRIPT INDICATES THE FOLLOWING : C - INSTALL 4 INCHES ABOVE COUNTER OR BACKSPLASH, CM - CEILING MOUNTED, E - EMERGENCY, G - GROUND FAULT CIRCUIT INTERRUPTER, GB - BLANK FACE GROUND FAULT INTERRUPT, IG - ISOLATED GROUND, P - SPLIT-WIRED PLUG LOAD CONTROL, WP - WEATHER PROOF, U - WITH USB PORT
	TAMPER RESISTANT QUADRUPLEX RECEPTACLE
	TAMPER RESISTANT SINGLE RECEPTACLE
	TAMPER RESISTANT SPECIAL PURPOSE RECEPTACLE
	TAMPER RESISTANT PEDESTAL MOUNTED RECEPTACLE
	TAMPER RESISTANT FLOOR MOUNTED RECEPTACLE AND COVERPLATE. SEE PLAN FOR CONFIGURATION.
	POKE THRU BOX
	COMBO POKE THRU BOX
	COMBINATION FLOOR BOX WITH THREE DUPLEX RECEPTACLES AND RJ45 DATA JACKS. PROVIDE WITH COVERPLATE. INSTALL CATEGORY UTP WET LOCATION CABLES IN A 1 INCH CONDUIT FROM THE DATA COMPARTMENT TO THE NEAREST MDF OR IDF (X - INDICATES THE NUMBER OF JACKS AND CABLES)
	EMERGENCY SHUT-OFF BUTTON
J	JUNCTION BOX
H	HAND DRYER
	SAFETY SWITCH (SIZE/FUSING/POLES/NEMA - OPTIONAL)
	ENCLOSED CIRCUIT BREAKER DISCONNECT (SIZE/POLES/NEMA - OPTIONAL)
	COMBINATION MOTOR STARTER AND DISCONNECT (SIZE/FUSING/POLES/NEMA - OPTIONAL)
	MOTOR STARTER (SIZE/FUSING/POLES/NEMA - OPTIONAL)
VFD	VARIABLE FREQUENCY DRIVE
	MOTOR
	CORD REEL
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CONDUIT WITH END CAP
	EQUIPMENT CONNECTION
	CONDUIT CONTINUATION
	TRANSFORMER; X - INDICATES IDENTIFICATION
	SURFACE MOUNTED PANELBOARD/DISTRIBUTION PANEL/AUTOMATIC TRANSFER SWITCH; X - INDICATES IDENTIFICATION
	FLUSH MOUNTED PANELBOARD; X - INDICATES IDENTIFICATION
	EXISTING SURFACE MOUNTED PANELBOARD/DISTRIBUTION PANEL; X - INDICATES IDENTIFICATION
	EXISTING FLUSH MOUNTED PANELBOARD; X - INDICATES IDENTIFICATION
	GROUND ROD
	LOW-VOLTAGE CIRCUIT WITH CONDUCTOR TYPES AS REQUIRED BY THE MANUFACTURER FOR THE PARTICULAR SYSTEM.
	UTP LIGHTING CONTROL CABLE
	CIRCUIT CONNECTED TO EMERGENCY POWER
	SURFACE MOUNTED RACEWAY
4#8,1#10,1"C A-1	BRANCH CIRCUIT HOMERUN TO PANELBOARD. THE NUMBER OF TICK MARKS INDICATES THE NUMBER OF CONDUCTORS. LONG TICK MARKS REPRESENT UNGROUNDED CONDUCTORS. SHORT TICK MARKS REPRESENT GROUNDED CONDUCTORS (NEUTRAL). A GROUNDING CONDUCTOR (GROUND) SHALL BE INSTALLED WITH ALL CIRCUITS. TICK MARKS AND CONDUCTOR SIZES ARE ONLY SHOWN ON THE HOMERUN. INSTALL THE REQUIRED QUANTITY AND SIZE CONDUCTORS TO EACH DEVICE ON THE SAME CIRCUIT AS INDICATED ON THE DRAWINGS. MINIMUM CONDUCTOR SIZE = #12 MINIMUM CONDUIT SIZE = 3/4 INCH SUBSCRIPT EXAMPLE: 4#8 = (3) UNGROUNDED AND (1) NEUTRAL CONDUCTORS SIZE IF OTHER THAN #12 1#10 = GROUNDING CONDUCTOR SIZE IF OTHER THAN #12 1"C = CONDUIT SIZE A-1 = PANEL NAME - POLE POSITION IN PANEL
M	ELECTRICAL METER
	EXISTING UTILITY POLE
	NEW UTILITY POLE
	NEW UTILITY POLE WITH POLE MOUNTED TRANSFORMERS
	EXISTING UTILITY POLE WITH POLE MOUNTED TRANSFORMERS

DEMOLITION vs EXISTING LINE WEIGHTS

DEMO	EXISTING

H O A	3 POSITION SELECTOR SWITCH: LOCAL-OFF-REMOTE HAND-OFF-AUTOMATIC
	GROUND
	ELECTRIC HEATER

FIRE ALARM

SYMBOL	DESCRIPTION
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM NOTIFICATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING : S - STROBE, SS - SPEAKER STROBE, H - HORN, HS - HORN STROBE, SP - SPEAKER
	FIRE ALARM INITIATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING : S - SMOKE, H - HEAT, CO - CARBON MONOXIDE, CS - COMBINATION CARBON MONOXIDE/SMOKE, CH - COMBINATION CARBON MONOXIDE/HEAT
	FIRE ALARM INITIATION AND NOTIFICATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING : SS - COMBINATION SMOKE DETECTOR/SOUNDER BASE
	FIRE ALARM DUCT TYPE SMOKE DETECTOR - SUBSCRIPT INDICATES EQUIPMENT IDENTIFICATION TAG
	MAGNETIC DOOR HOLDER (WALL & CEILING)
TS	FIRE ALARM TAMPER SWITCH
FS	FIRE ALARM FLOW SWITCH
AP	FIRE ALARM AIR PRESSURE SWITCH
FACP	FIRE ALARM CONTROL PANEL. PANEL IS RECESSED TYPE WHEN SHOWN WITHIN WALLS ON DRAWING.
FAA	FIRE ALARM ANNUNCIATOR. PANEL IS RECESSED TYPE WHEN SHOWN WITHIN WALLS ON DRAWING.

SYSTEMS

SYMBOL	DESCRIPTION
	EXISTING COMMUNICATIONS OUTLET
WAP XWAP	DATA OUTLET FOR WIRELESS ACCESS POINT WITH TWO RJ45 DATA JACKS WITH TWO UTP CABLES IN SURFACE RACEWAY, 1 INCH CONDUIT OR CABLE TRAY TO THE NEAREST MDF OR IDF. (WALL & CEILING)
#V/#D	VOICE/DATA OUTLET WITH # VOICE AND # OF DATA JACKS AND # UTP CABLES IN SURFACE RACEWAY, 1 INCH CONDUIT, OR CABLE TRAY TO THE NEAREST MDF OR IDF (#V - INDICATES THE NUMBER OF VOICE JACKS AND CABLES, #D - INDICATES THE NUMBER OF DATA JACKS AND CABLES), C - INSTALL 4 INCHES ABOVE COUNTER OR BACKSPLASH, CG - CEILING MOUNTED
#V/#D	PEDESTAL MOUNTED VOICE/DATA OUTLET WITH #VOICE AND # DATA JACKS AND # RJ45 DATA JACKS AND # UTP WET LOCATION CABLES IN A 1 INCH CONDUIT TO THE NEAREST MDF OR IDF. (#V - INDICATES THE NUMBER OF VOICE JACKS AND CABLES, #D - INDICATES THE NUMBER OF DATA JACKS AND CABLES)
#V/#D	FLOOR BOX WITH # RJ45 DATA JACKS. PROVIDE WITH COVERPLATE. INSTALL # UTP WET LOCATION CABLES IN A 1 INCH CONDUIT FROM THE DATA COMPARTMENT TO THE NEAREST MDF OR IDF (# - INDICATES THE NUMBER OF JACKS AND CABLES)
	MULTIMEDIA OUTLET. 4-11/16 INCHES OUTLET BOX WITH TWO 1-1/4 INCH CONDUITS TO ABOVE ACCESSIBLE CEILING. (WALL & CEILING)
V	VGA/RCA OUTLET WITH ONE VGA CONNECTOR AND TWO RCA CONNECTORS. INSTALL CABLES IN SURFACE RACEWAY, 1-1/4 INCH CONDUIT, J-HOOKS OR CABLE TRAY. THE VGA CABLE MUST BE RAPID RUN TYPE WITH REMOVABLE LEADS OR APPROVED EQUAL.
T	TELEVISION OUTLET WITH ONE F-TYPE CONNECTOR WITH COAXIAL CABLE IN SURFACE RACEWAY, 3/4 INCH CONDUIT, OR CABLE TRAY TO THE TELEVISION DISTRIBUTION SYSTEM
	PROJECTOR (CEILING & WALL MOUNT)
ACC	ADMINISTRATIVE CONTROL CENTER. CONNECT TO THE INTERCOM SYSTEM AS REQUIRED
DR	DOOR RELEASE BUTTON
	INTERCOM SPEAKER (CEILING; RECESSED WALL-MOUNTED; HORN-TYPE WALL MOUNTED
	INTERCOM SPEAKER WITH INTEGRAL VOLUME CONTROL (CEILING & WALL MOUNT)
	SELF-AMPLIFIED SPEAKER (CEILING & WALL MOUNT)
	SOUND SYSTEM SPEAKER (SC - CAFETERIA; SG - GYMNASIUM; SM - MEDIA CENTER)
V	SPEAKER VOLUME CONTROL
	SINGLE SIDED CLOCK (DIGITAL & ANALOG)
	DOUBLE SIDED CLOCK (DIGITAL & ANALOG)
M	MICROPHONE OUTLET
A	AUXILIARY INPUT OUTLET FOR THE LOCAL SOUND SYSTEM
	INTERCOM CALL BUTTON
	CABLE TRAY. MINIMUM DIMENSIONS AS INDICATED ON DRAWINGS.
J	J-HOOK PATHWAY
	FLOOR MOUNTED FOUR POST DATA RACK, 84 INCHES TALL, 30 INCHES DEEP, WITH VERTICAL WIRE MANAGEMENT.
	FLOOR MOUNTED TWO POST DATA RACK, 84 INCHES TALL, 30 INCHES DEEP, WITH VERTICAL WIRE MANAGEMENT.
B	DOORBELL PUSH BUTTON
	DOORBELL AUDIO/VISUAL NOTIFICATION DEVICE
S	SECURITY SYSTEM SIREN
I	SECURITY INTERCOM STATION
K	SECURITY SYSTEM KEY PAD
CR	SECURITY SYSTEM CARD READER
	SECURITY SYSTEM AUDIO SENSOR
M	SECURITY SYSTEM MOTION DETECTOR (CEILING & WALL); X - DEGREE OF MOTION
X	CEILING MOUNTED SECURITY SYSTEM CAMERA
X	WALL MOUNTED SECURITY SYSTEM CAMERA
DC	DOOR CONTACT/POSITION SWITCH
A	PRESS PLATE FOR AUTOMATIC DOOR OPERATOR
AP	ACCESS POINTS WITH ELECTRIFIED DOOR HARDWARE
	SOUND SYSTEM ANTENNA

ABBREVIATIONS

±10'	+10' INDICATES THE MOUNTING HEIGHT OF THE DEVICE TO BOTTOM.
1Ø	1-PHASE
3Ø	3-PHASE
ATS	AUTOMATIC TRANSFER SWITCH
BTM	BOTTOM
CT	CURRENT TRANSFORMER
EOE	EXISTING OVERHEAD ELECTRIC
EOF	EXISTING OVERHEAD FIBER OPTIC
EOP	EXISTING OVERHEAD PRIMARY
EOS	EXISTING OVERHEAD SECONDARY
EOT	EXISTING OVERHEAD TELEPHONE
EUE	EXISTING UNDERGROUND ELECTRIC
EUF	EXISTING UNDERGROUND FIBER OPTIC
EUP	EXISTING UNDERGROUND PRIMARY
EUS	EXISTING UNDERGROUND SECONDARY
EUT	EXISTING UNDERGROUND TELEPHONE
EOTV	EXISTING OVERHEAD TELEVISION
EUTV	EXISTING UNDERGROUND TELEVISION
GF	GROUND FAULT PROTECTION
GND	GROUND
KWH	KILO WATT HOUR
OE	OVERHEAD ELECTRIC
OF	OVERHEAD FIBER OPTIC
OP	OVERHEAD PRIMARY
OS	OVERHEAD SECONDARY
OT	OVERHEAD TELEPHONE
OTV	OVERHEAD TELEVISION
PT	POTENTIAL TRANSFORMER
SPD	SURGE PROTECTIVE DEVICE
UE	UNDERGROUND ELECTRIC
UF	UNDERGROUND FIBER OPTIC
UP	UNDERGROUND PRIMARY
US	UNDERGROUND SECONDARY
UT	UNDERGROUND TELEPHONE
UTP	UNSHIELDED TWISTED PAIR
UTV	UNDERGROUND TELEVISION
WG	PROVIDE DEVICE WITH MANUFACTURER'S WIREGUARD.
WP	PROVIDE DEVICE WITH WEATHERPROOF COVER. RECEPTACLES TO BE WEATHER-RESISTANT TYPE AND PROVIDED WITH A CAST ALUMINUM, EXTRA DUTY, WHILE-IN-USE COVER.

ELECTRICAL DEVICE MOUNTING HEIGHTS

SWITCHES	48 INCHES TO TOP
INTERIOR RECEPTACLES	16 INCHES TO BOTTOM
EXTERIOR RECEPTACLES	24 INCHES TO BOTTOM
COMMUNICATIONS / DATA OUTLETS	16 INCHES TO BOTTOM
FIRE ALARM MANUAL PULL STATIONS	48 INCHES TO TOP
FIRE ALARM HORN/STROBE SIGNAL	80 INCHES TO BOTTOM
FIRE ALARM STROBE SIGNAL	80 INCHES TO BOTTOM
WALL TELEPHONES	48 INCHES TO TOP
TELEVISION OUTLETS	72 INCHES TO BOTTOM
CLOCKS	96 INCHES TO TOP

NOTE: MOUNTING HEIGHTS UNLESS OTHERWISE NOTED ON DRAWINGS.

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ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ELECTRICAL LEGEND

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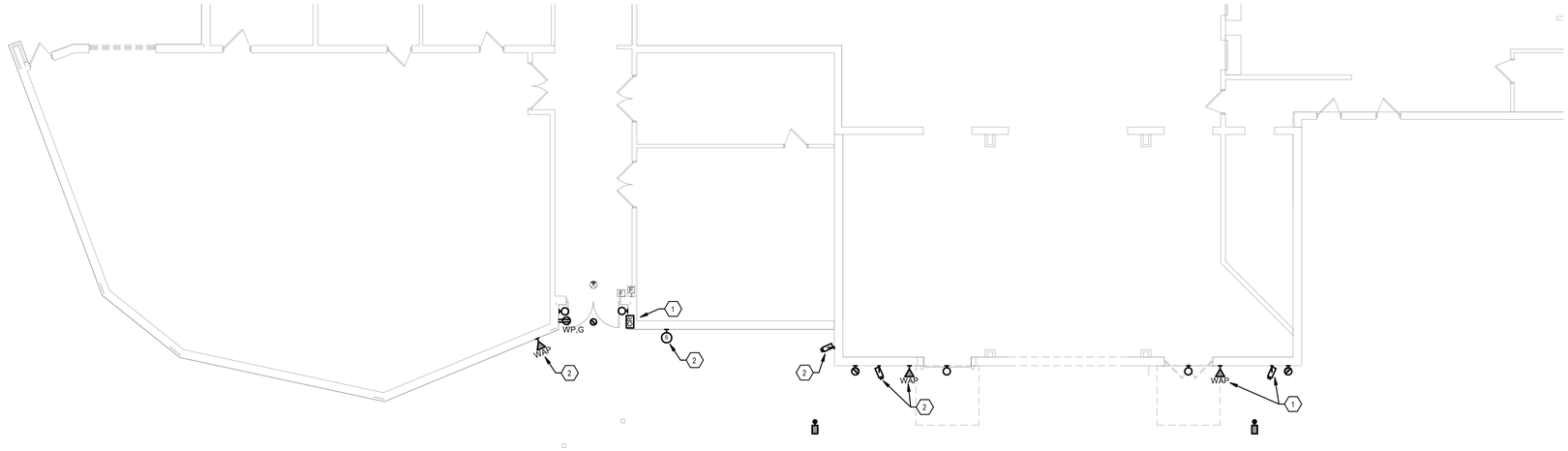


1 FIRST FLOOR DEMOLITION PLAN - AUXILIARY GYMNASIUM ADDITION - ELECTRICAL

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

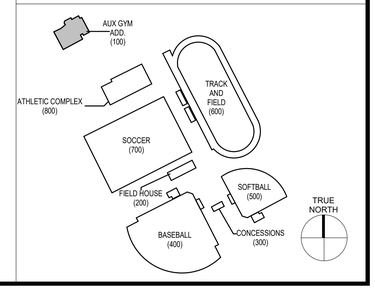
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. TEMPORARILY REMOVE EXISTING DEVICE, SALVAGE AND REINSTALL ON NEW WALL AT SAME LOCATION. REFER TO NEW WORK PLANS.
2. REMOVE DEVICE, SALVAGE AND TURN OVER TO OWNER.

KEY PLAN



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SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION DEMOLITION PLAN - ELECTRICAL

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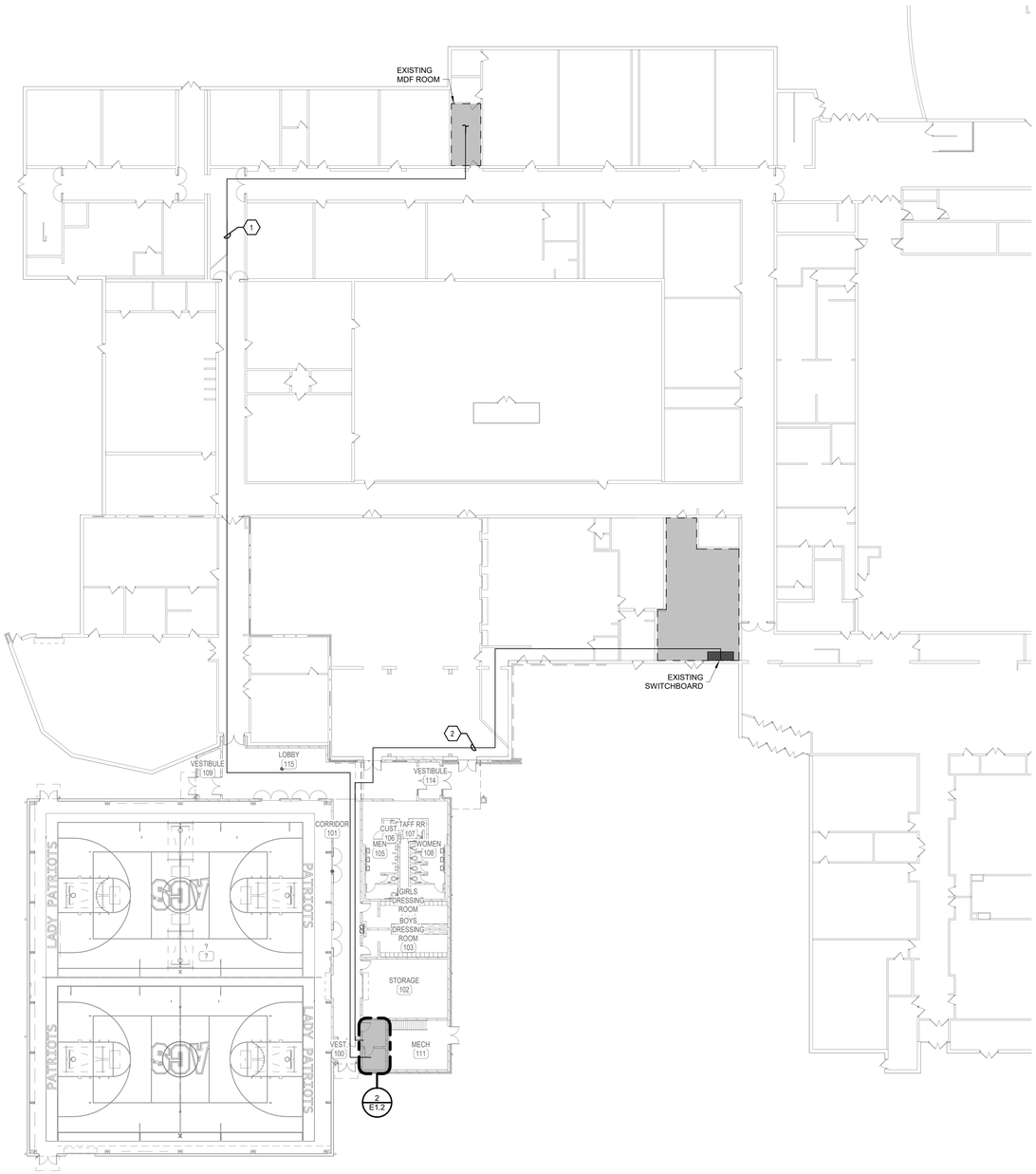
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE NEW FIBER FROM EXISTING MDF TO NEW IDF-A RACK. ROUTE ABOVE ACCESSIBLE CEILING. REFER TO COMMUNICATION BACKBONE CABLING ONE-LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE FEEDER FROM EXISTING SWITCHBOARD TO NEW PANEL GDP. REFER TO POWER DISTRIBUTION ONE-LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.

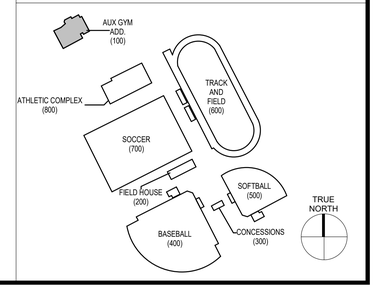


1 FIRST FLOOR PLAN - INTERCONNECTION PLAN

SCALE: 1" = 20'-0"

0 20' 40'

KEY PLAN



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INTERCONNECTION PLAN

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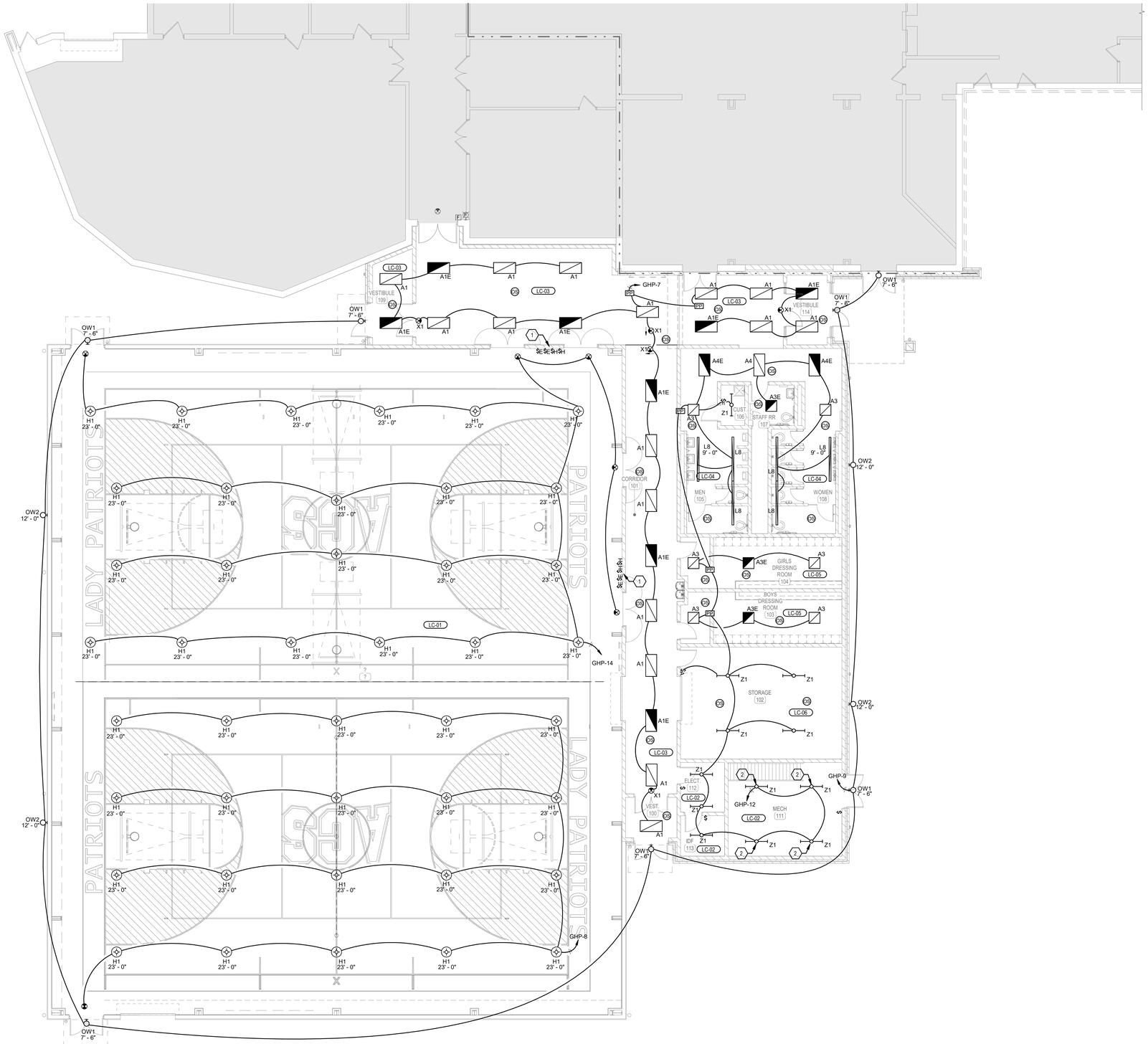


1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - LIGHTING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

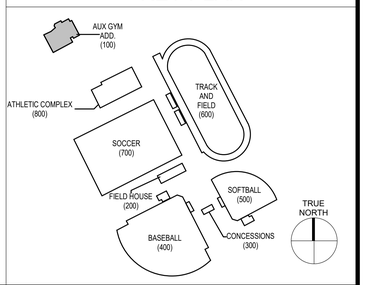
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE (2) 4 BUTTON SCENE CONTROLLER AND (2) 2-ZONE ON/OFF/RAISE/LOWER SWITCHES. MOUNT WITH RECESSED IN-WALL BOX WITH FLUSH METAL LOCKABLE COVER.
2. COORDINATE LIGHT FIXTURE MOUNTING WITH PIPING/DUCTWORK IN THIS ROOM.

KEY PLAN



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JUSTIN W. WILSON LICENSED PROFESSIONAL ENGINEER STATE OF KENTUCKY 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - LIGHTING

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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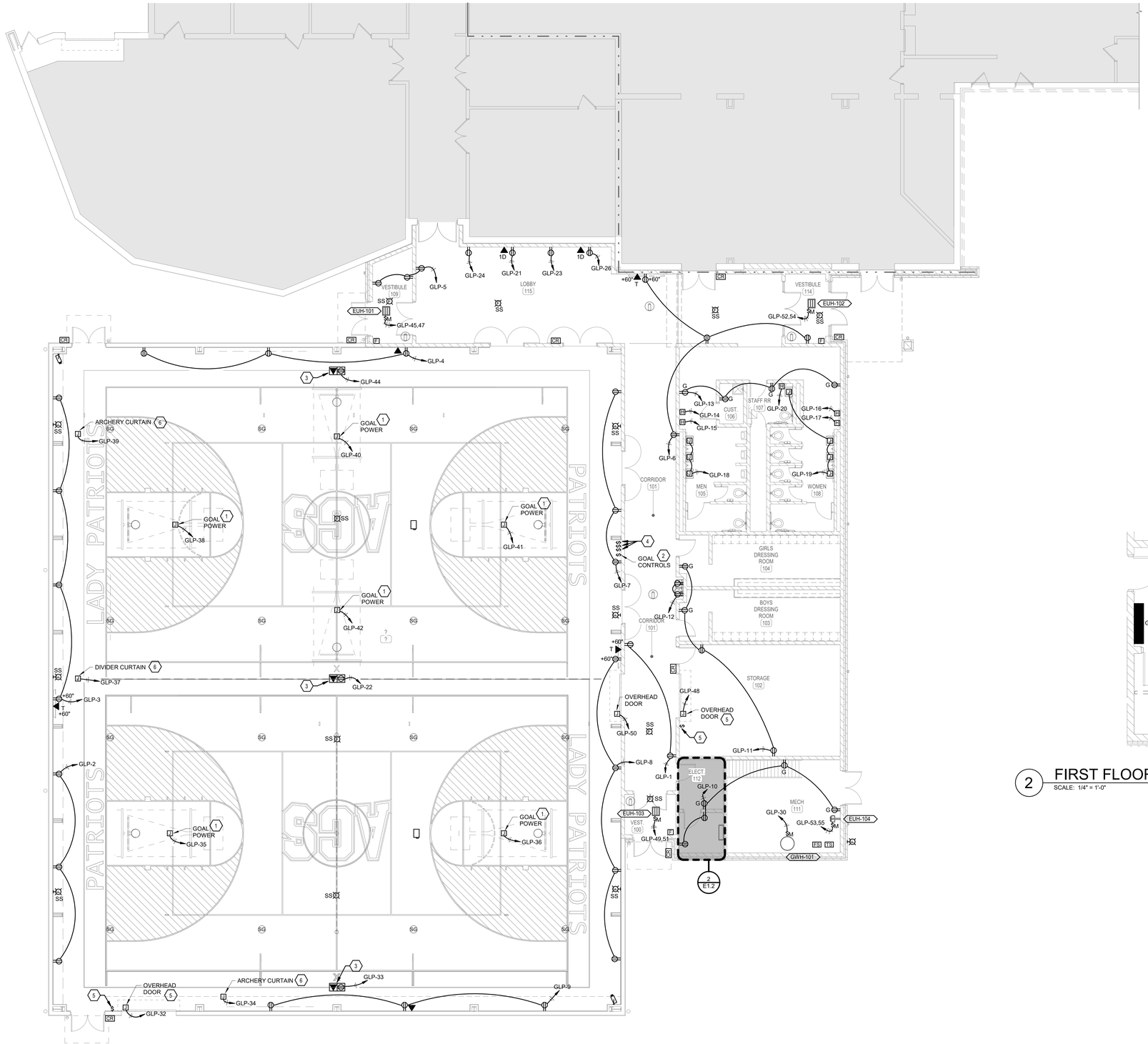
REVISIONS

No.	Description	Date

SHEET

E1.1

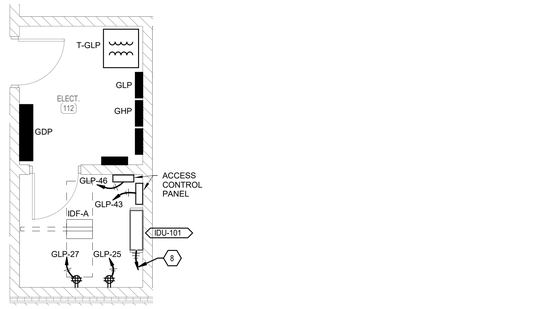
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E1.1 AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - LIGHTING
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:37 PM



1 FIRST FLOOR PLAN - AUXILIARY GYMNASIUM ADDITION - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



2 FIRST FLOOR PLAN - ELECTRICAL ROOM

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

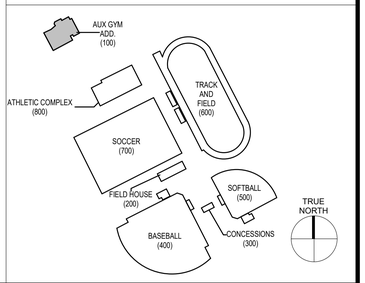
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE CONNECTION TO GOAL HOIST MOTOR OPERATOR WITH WIRING TO CONTROL SWITCH. COORDINATE WIRING REQUIREMENTS WITH SUPPLIER.
2. INSTALL ELECTRIC KEY-OPERATED CONTROL STATION FOR GOAL HOIST MOTORS, FLUSH MOUNTED. COORDINATE WIRING REQUIREMENTS WITH SUPPLIER.
3. PROVIDE FLOOR BOX WITH FOUR DUPLEX RECEPTACLES AND DATA CONNECTION. COVER SHOULD BE FLUSH WITH GYM FLOOR.
4. REMOTE CONTROLS FOR ARCHERY CURTAINS AND DIVIDER CURTAINS, FURNISHED BY CURTAIN PROVIDER. INSTALL COMPLETE WITH ALL INTERCONNECTING WIRING FOR A COMPLETE SYSTEM. MOUNT IN A RECESSED IN-WALL BOX WITH FLUSH LOCKABLE METAL COVER. PROVIDE ALL INTERCONNECTING WIRING FOR A COMPLETE SYSTEM. COORDINATE WORK WITH EQUIPMENT SHOP DRAWINGS AND FURNISHING CONTRACTOR.
5. PROVIDE CONNECTION TO OVERHEAD DOOR. SWITCH/ CONTROLLER PROVIDED WITH DOOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
6. PROVIDE CONNECTION TO CURTAIN OPERATOR. COORDINATE EXACT CONNECTION LOCATION WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN. PROVIDE REQUIRED INTERCONNECTION BETWEEN OPERATOR AND CONTROLS. COORDINATE WITH EQUIPMENT SHOP DRAWINGS.
7. SPRINKLER BELL ALARM. PROVIDE WIRING AND POWER AS REQUIRED TO ANNUNCIATE ON SPRINKLER FLOW. COORDINATE WORK WITH FIRE PROTECTION CONTRACTOR.
8. PROVIDE (2) 3/4" CONDUIT TO OUTDOOR UNIT FOR POWER AND CONTROLS. PROVIDE DISCONNECT AS REQUIRED.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - POWER AND SYSTEMS

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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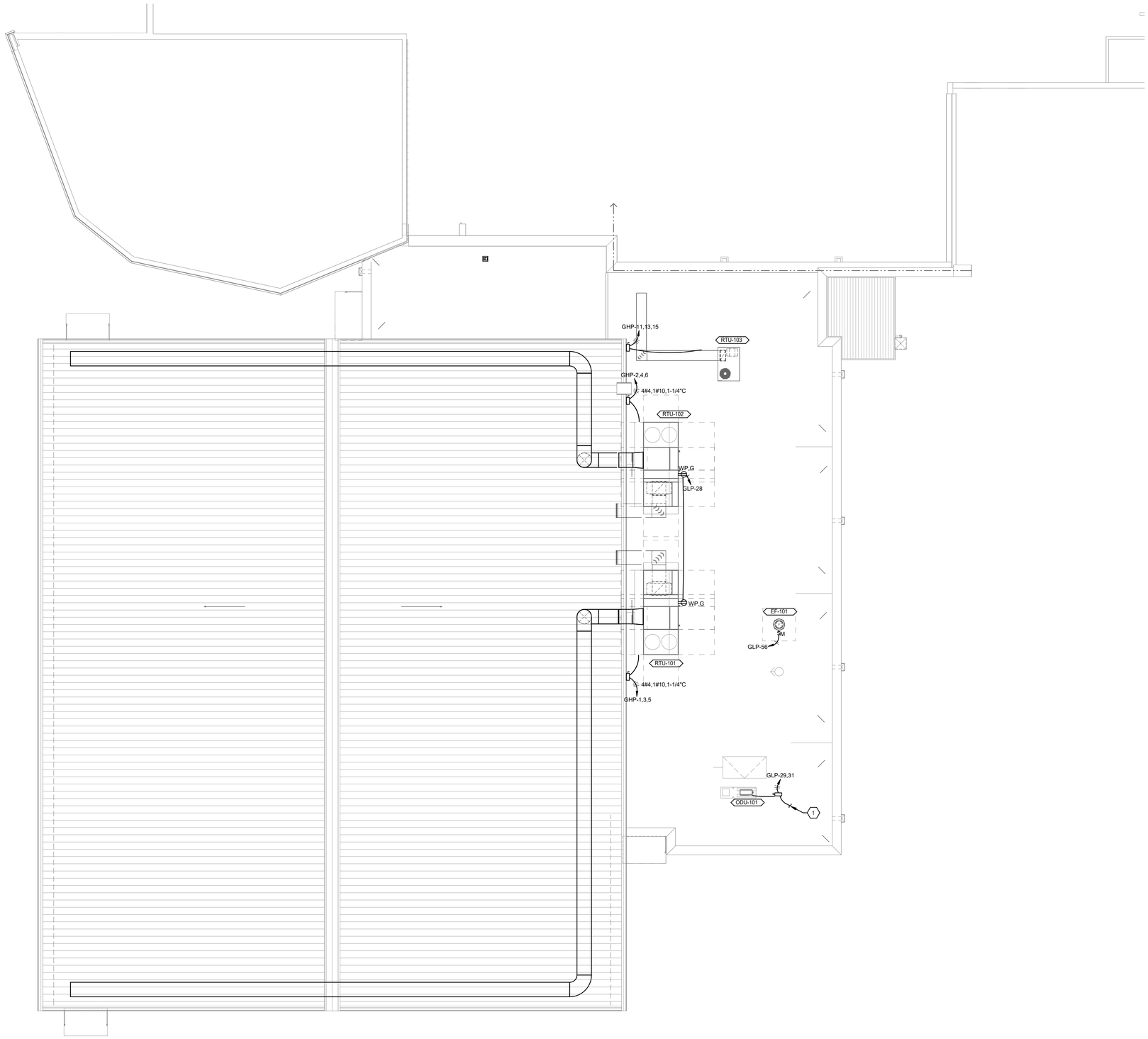
REVISIONS

No.	Description	Date

SHEET

E1.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E1.2 AUXILIARY GYMNASIUM ADDITION FLOOR PLAN - POWER AND SYSTEMS
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/26/2026 12:04:38 PM



1 ROOF PLAN - AUXILIARY GYMNASIUM ADDITION - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

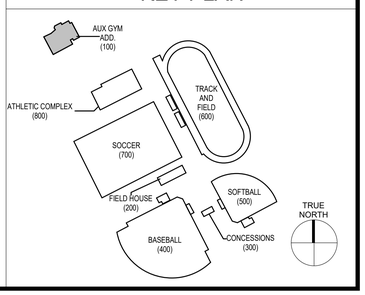
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE (2) 3/4" CONDUIT TO INDOOR UNIT FOR POWER AND CONTROLS. PROVIDE DISCONNECT AS REQUIRED.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

AUXILIARY GYMNASIUM ADDITION ROOF PLAN - POWER AND SYSTEMS

JOB NO.	2459
DATE	3/24/2026
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SHEET

E1.3

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E1.3 AUXILIARY GYMNASIUM ADDITION ROOF PLAN - POWER AND SYSTEMS
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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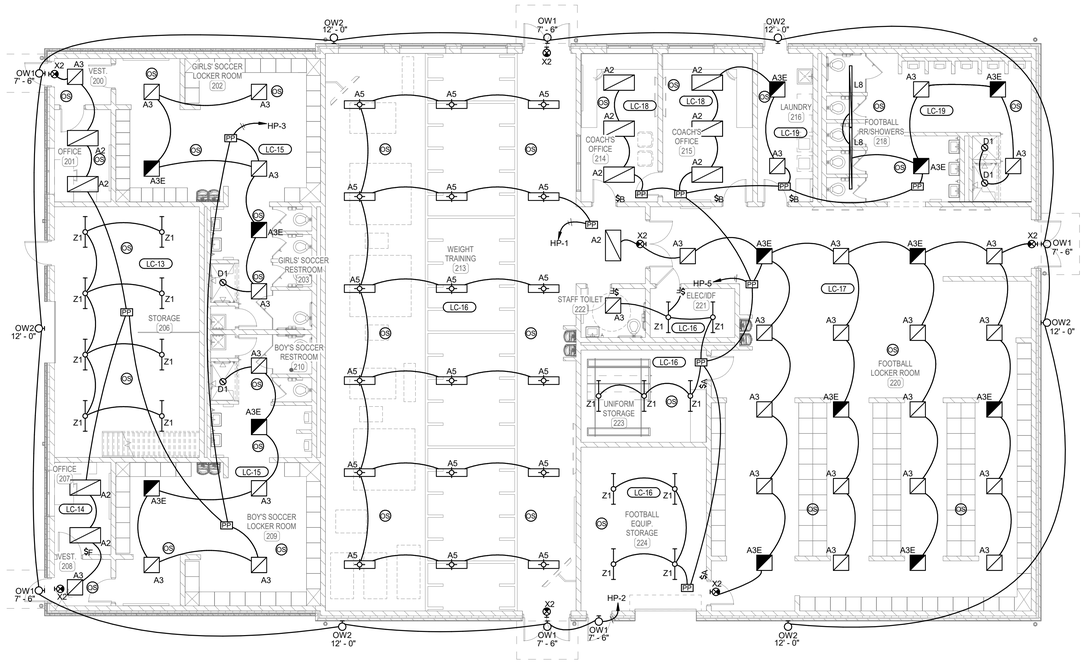
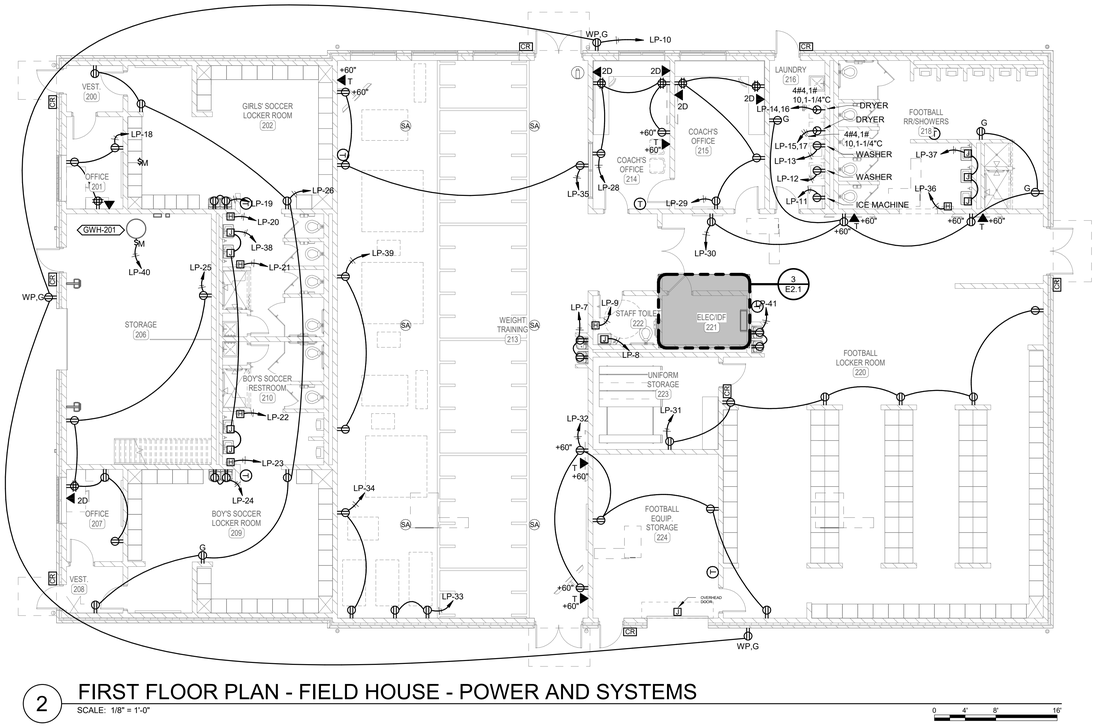


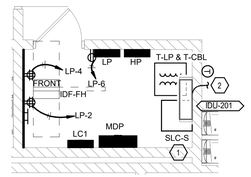
1 FIRST FLOOR PLAN - FIELD HOUSE - LIGHTING

SCALE: 1/8" = 1'-0"



2 FIRST FLOOR PLAN - FIELD HOUSE - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"



3 FIRST FLOOR PLAN - FIELD HOUSE - ELECTRICAL ROOM

SCALE: 1/4" = 1'-0"

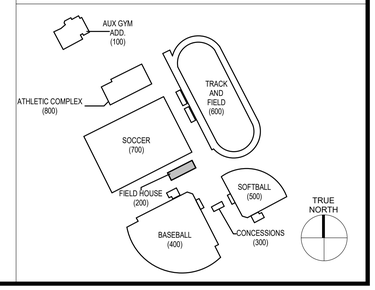
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. PROVIDE SPORTS LIGHTING CONTROL CABINET FOR CONTROL OF SOCCER FIELD LIGHTS. REFER TO SPECIFICATIONS.
2. PROVIDE (2) 3/4" CONDUIT TO OUTDOOR UNIT FOR POWER AND CONTROLS. PROVIDE DISCONNECT AS REQUIRED.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE NEW WORK PLANS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
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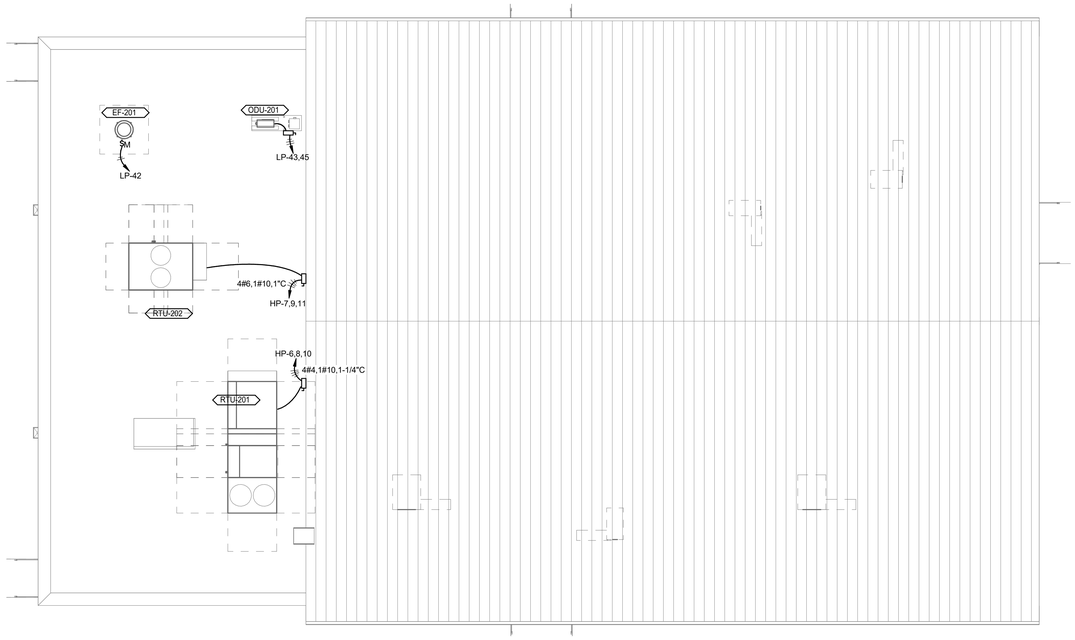
E2.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E2.1 - FIELD HOUSE NEW WORK PLANS - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:43 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

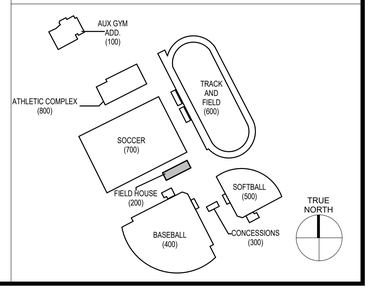


1 ROOF PLAN - FIELD HOUSE - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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STATE OF KENTUCKY JUSTIN W. HUSTON 29897 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

FIELD HOUSE ROOF PLAN - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
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E2.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
2022 KBC / 2021 IECC / NFPA 70 / 2018 IFC / 2018 IPC
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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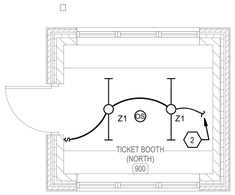
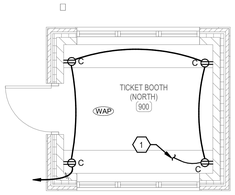


5 TICKET BOOTH PLAN - LIGHTING

SCALE: 1/4" = 1'-0"

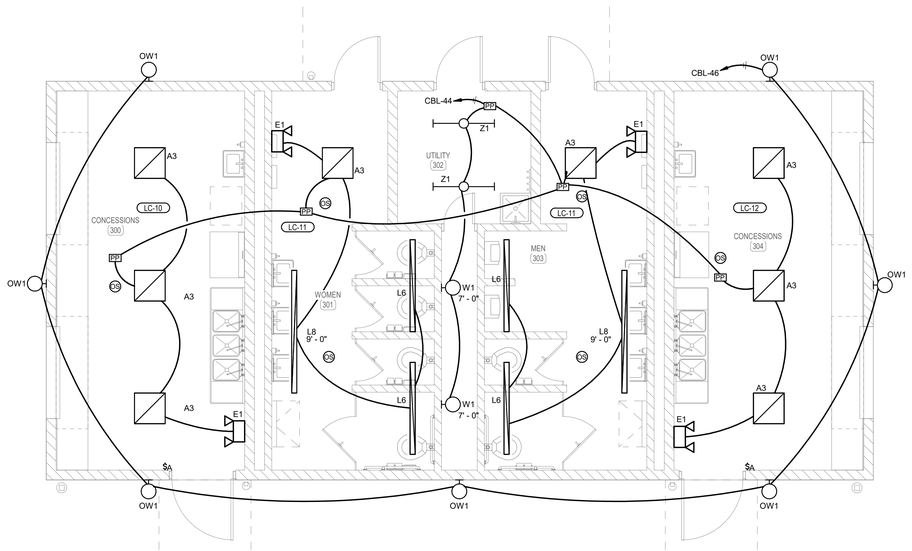
0 2' 4' 8'



4 TICKET BOOTH PLAN - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

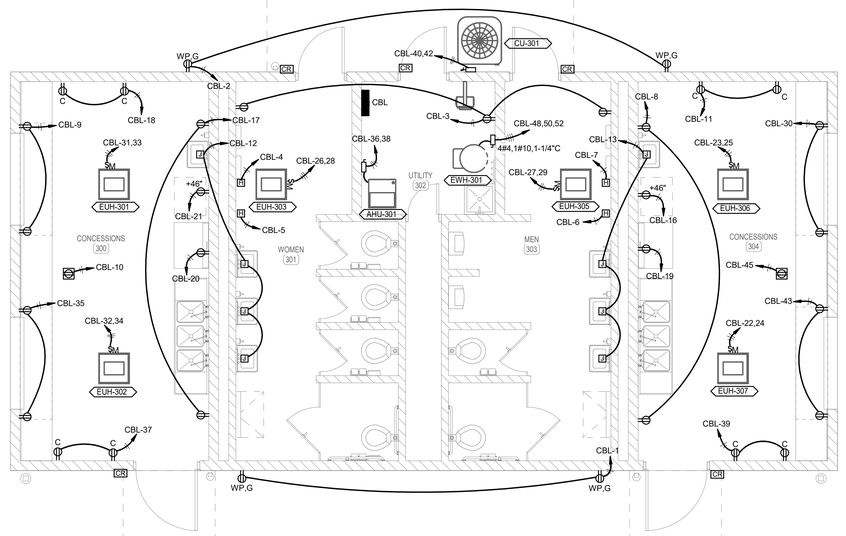
0 2' 4' 8'



1 FIRST FLOOR PLAN - CONCESSIONS AND RESTROOM - LIGHTING

SCALE: 1/4" = 1'-0"

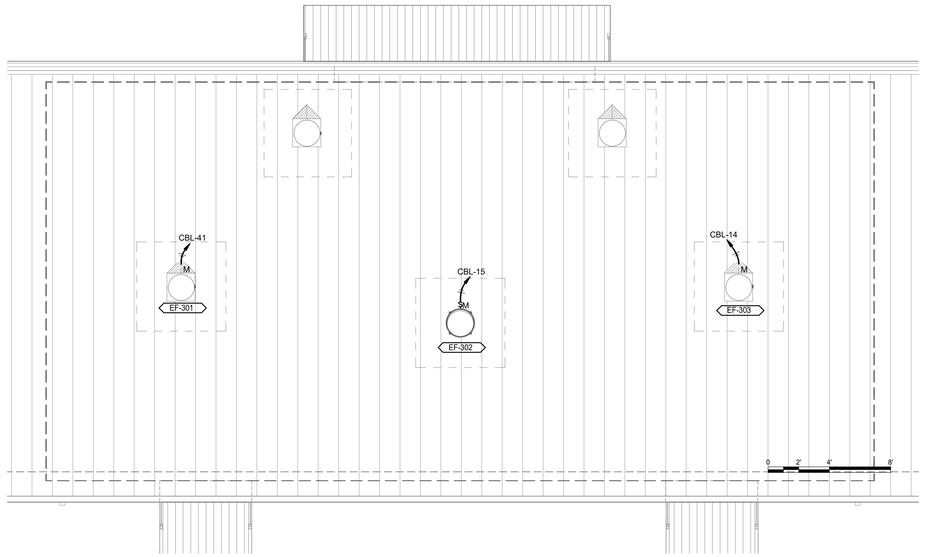
0 2' 4' 8'



2 FIRST FLOOR PLAN - CONCESSIONS AND RESTROOM - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



3 ROOF PLAN - CONCESSIONS AND RESTROOM - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

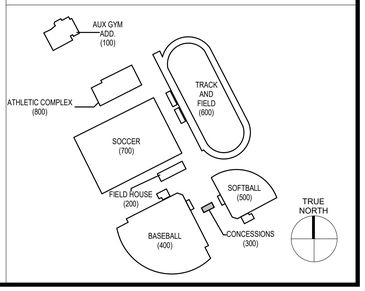
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EXTEND CIRCUIT TO CONNECT LIGHT FIXTURES. SEE LIGHTING PLAN.
2. EXTEND CIRCUIT TO CONNECT RECEPTACLES. SEE POWER PLAN.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

CONCESSIONS NEW WORK PLANS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

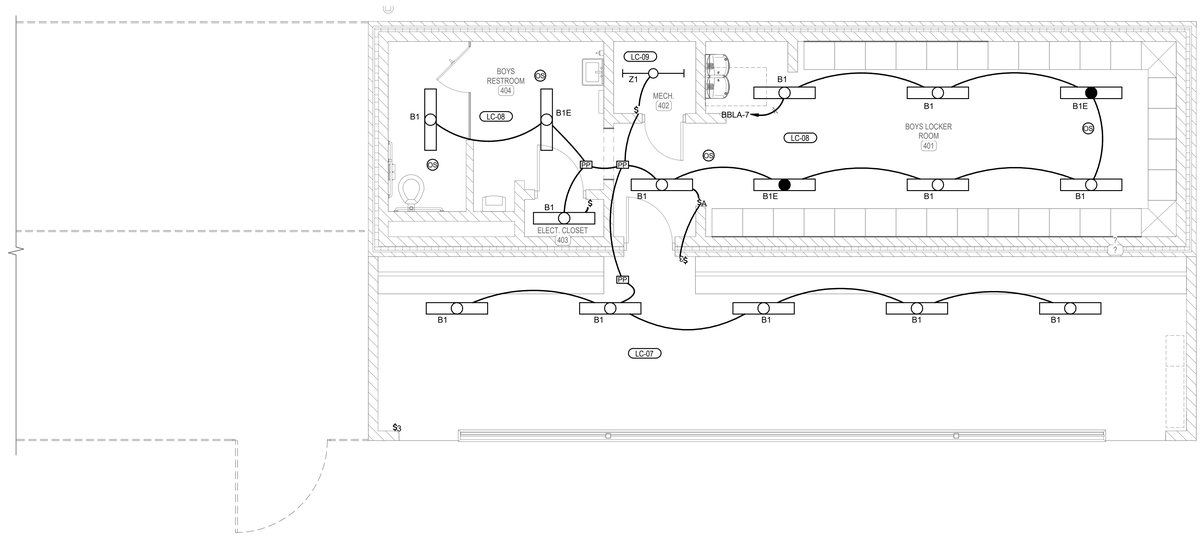
SHEET

E3.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
ES / CONCESSIONS / RESTROOMS / NEW WORK PLANS - ELECTRICAL.dwg
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/26/2026 12:04:46 PM

GENERAL NOTES

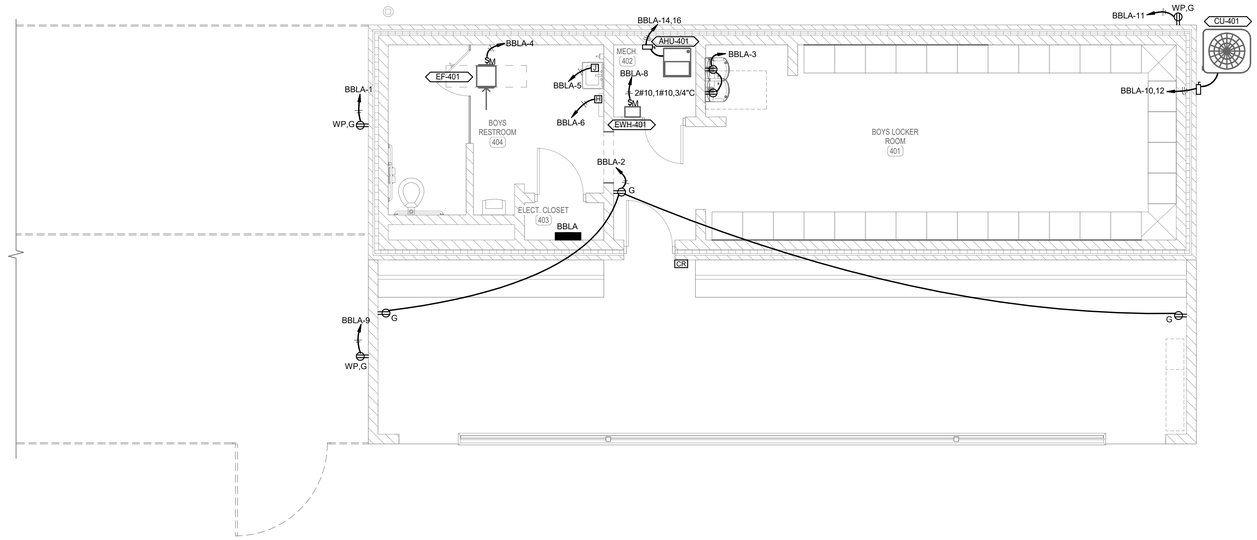
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



1 FIRST FLOOR PLAN - BOYS LOCKER ROOM AND DUGOUT - LIGHTING

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

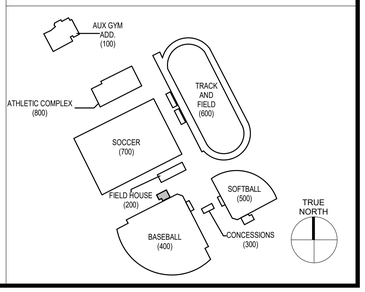


2 FIRST FLOOR PLAN - BOYS LOCKER ROOM AND DUGOUT - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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STATE OF KENTUCKY JUSTIN W. HUSTON 29997 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL LOCKER ROOM & DUGOUT - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
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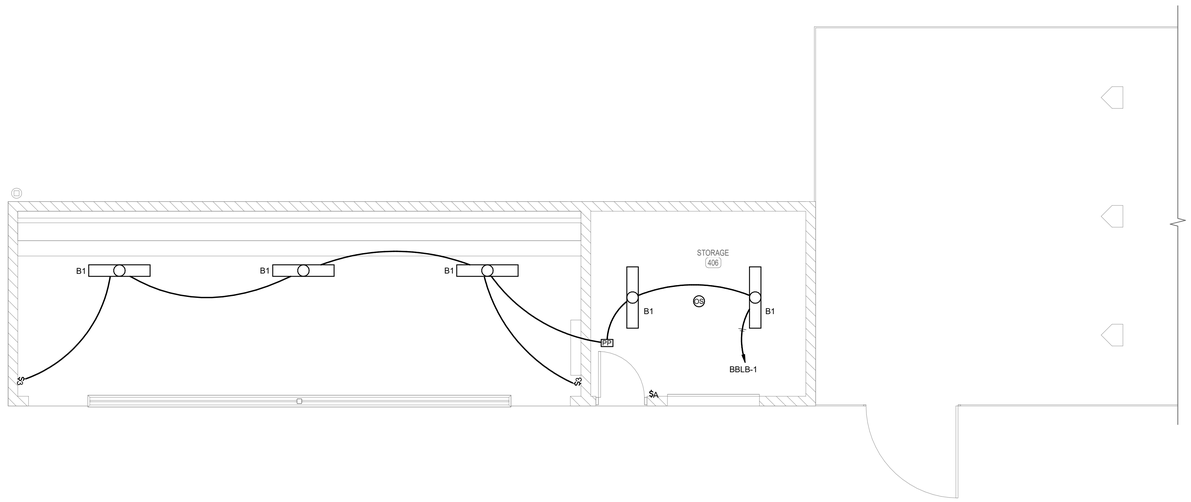
E4.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E4.1 - BASEBALL LOCKER ROOM & DUGOUT - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:46 PM

GENERAL NOTES

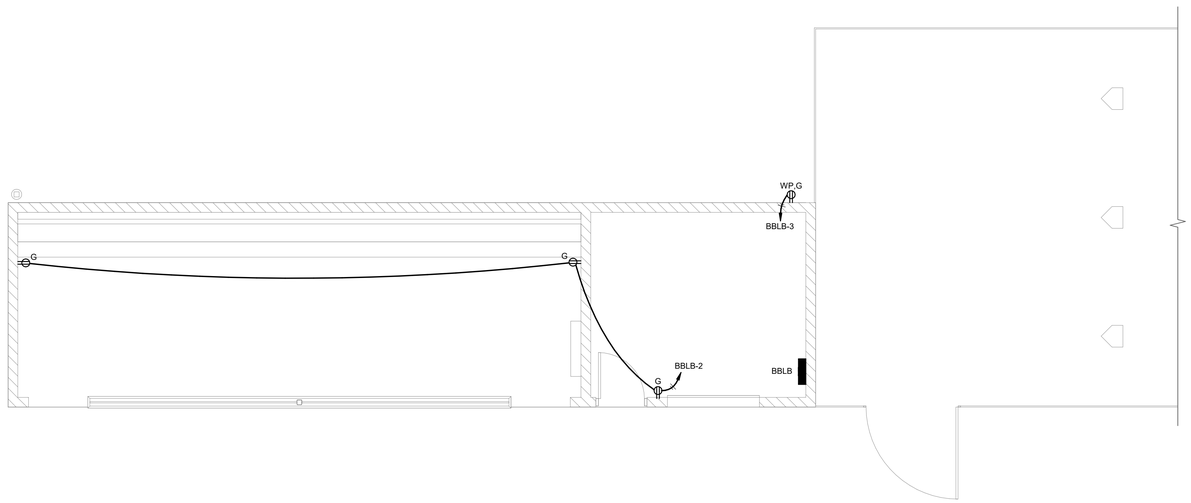
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



1 FIRST FLOOR PLAN - BOYS VISITORS DUGOUT - LIGHTING

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

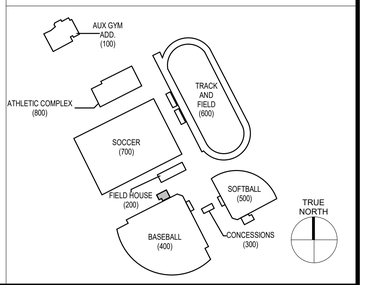


2 FIRST FLOOR PLAN - BOYS VISITORS DUGOUT - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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COMMONWEALTH OF KENTUCKY JUSTIN W. HUSTON 039997 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL VISITORS DUGOUT - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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No.	Description	Date

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E4.2

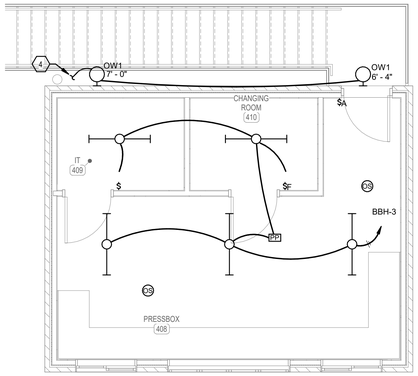
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E4.2 BASEBALL VISITORS DUGOUT - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:47 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

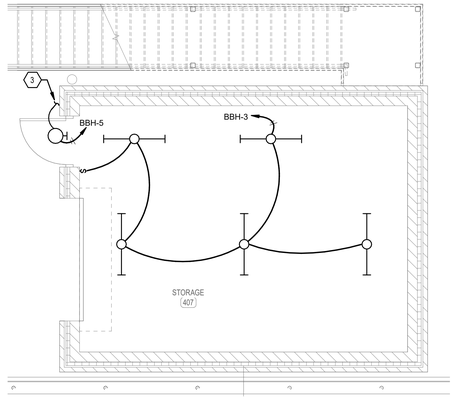
1. PROVIDE (2) 3/4" CONDUIT TO OUTDOOR UNIT FOR POWER AND CONTROLS. PROVIDE DISCONNECT AS REQUIRED.
2. PROVIDE CONNECTION TO OVERHEAD DOOR. SWITCH/ CONTROLLER PROVIDED WITH DOOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
3. CIRCUIT WITH 2ND FLOOR EXTERIOR FIXTURES
4. CIRCUIT WITH FIRST FLOOR EXTERIOR FIXTURE



3 BASEBALL GRANDSTANDS - SECOND FLOOR - LIGHTING

SCALE: 1/4" = 1'-0"

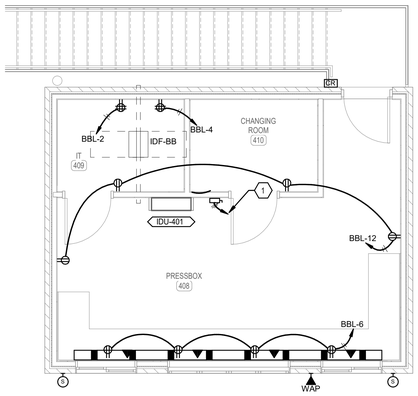
0 2' 4' 8'



4 BASEBALL GRANDSTANDS - FIRST FLOOR - LIGHTING

SCALE: 1/4" = 1'-0"

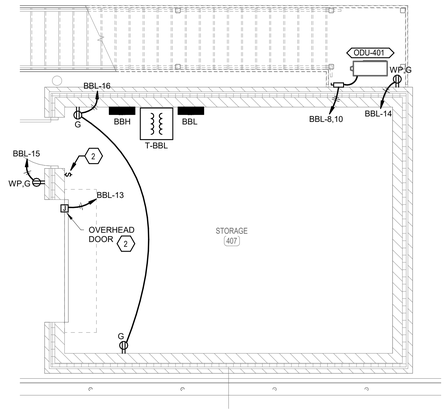
0 2' 4' 8'



2 BASEBALL GRANDSTANDS - SECOND FLOOR - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



1 BASEBALL GRANDSTANDS - FIRST FLOOR - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

BASEBALL GRANDSTANDS FLOOR PLANS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

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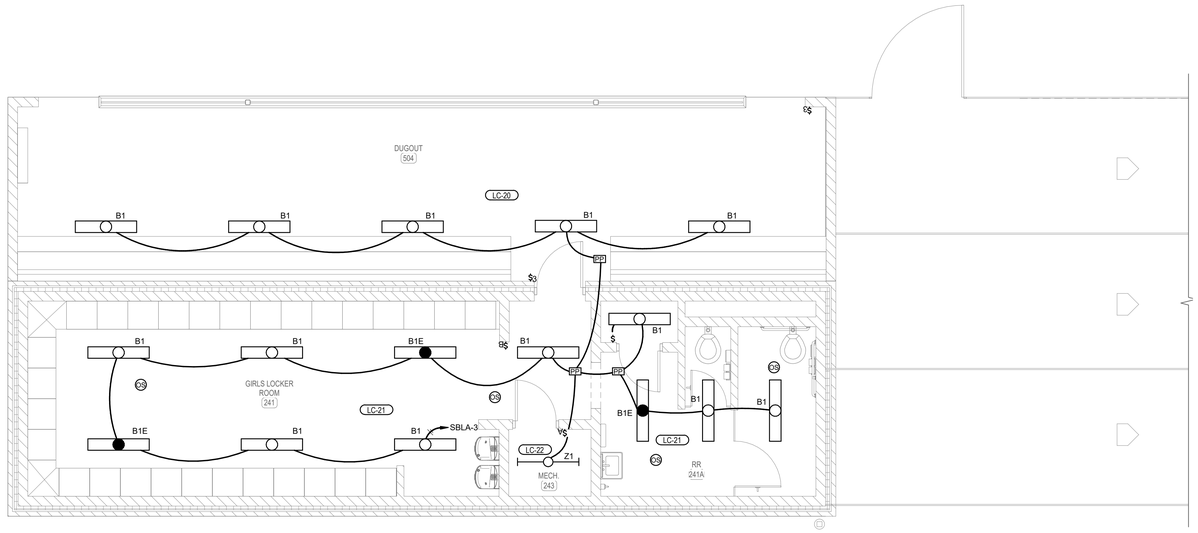
SHEET

E4.3

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E4.3 BASEBALL GRANDSTANDS FLOOR PLANS - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:48 PM

GENERAL NOTES

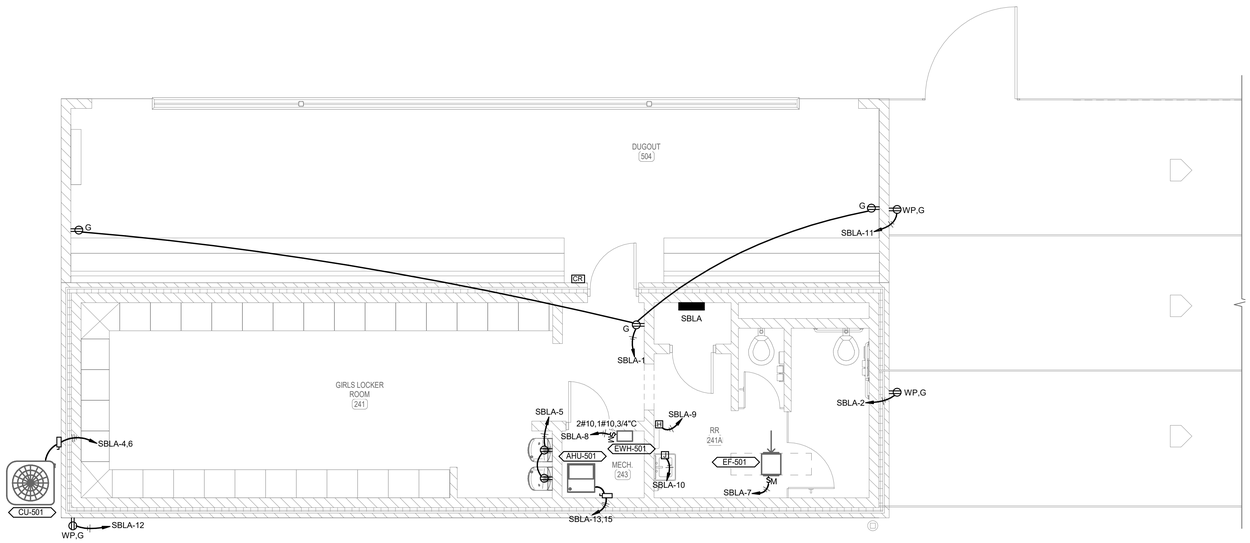
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



1 FIRST FLOOR PLAN - GIRLS LOCKER ROOM AND DUGOUT - LIGHTING

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

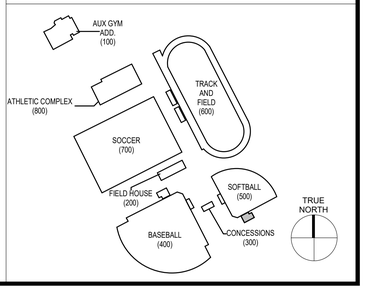


2 FIRST FLOOR PLAN - GIRLS LOCKER ROOM AND DUGOUT - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL LOCKER ROOM & DUGOUT - ELECTRICAL

JOB NO.	2459
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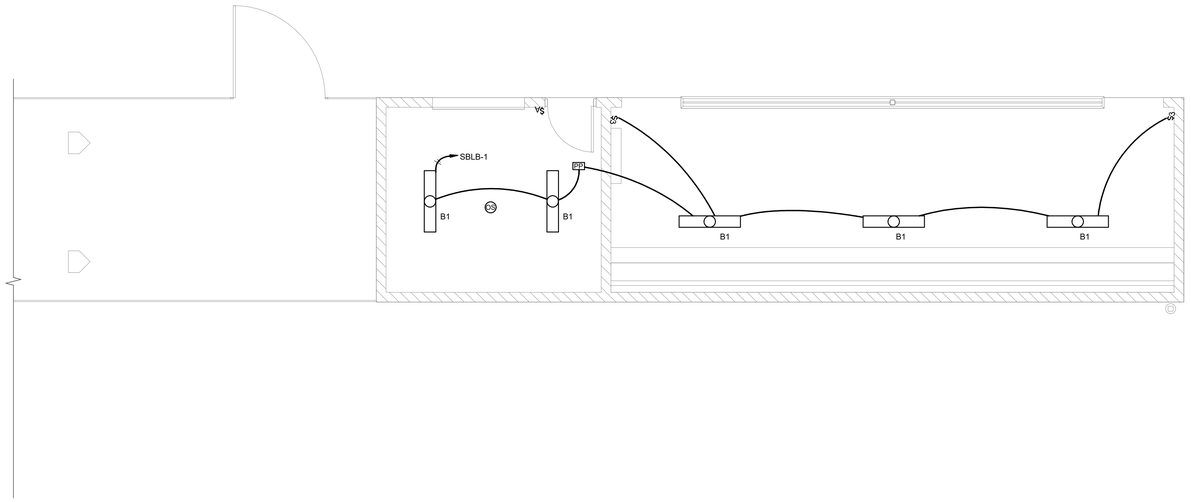
SHEET

E5.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E5.1_SOFTBALL LOCKER ROOM & DUGOUT - ELECTRICAL.dwg
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:48 PM

GENERAL NOTES

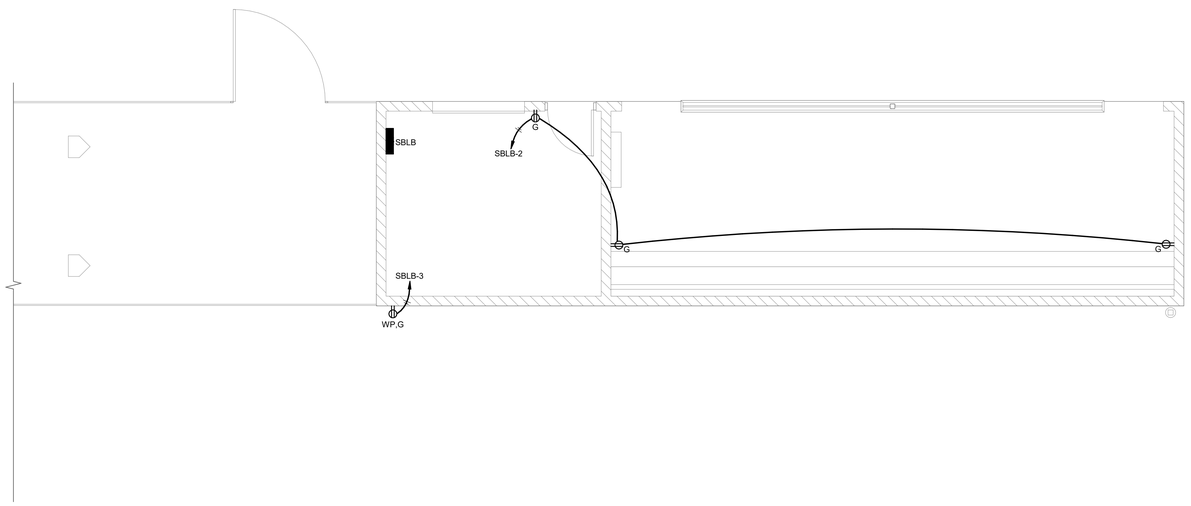
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



1 FIRST FLOOR PLAN - GIRLS VISITORS DUGOUT - LIGHTING

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

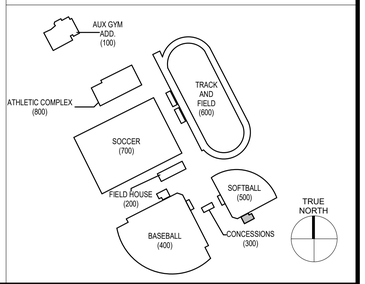


2 FIRST FLOOR PLAN - GIRLS VISITORS DUGOUT - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS
ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL VISITORS DUGOUT - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
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SHEET

E5.2

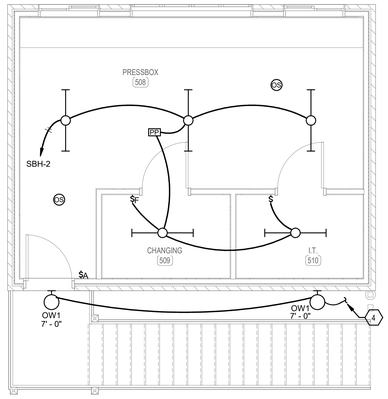
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E5.2 SOFTBALL VISITORS DUGOUT - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:50 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

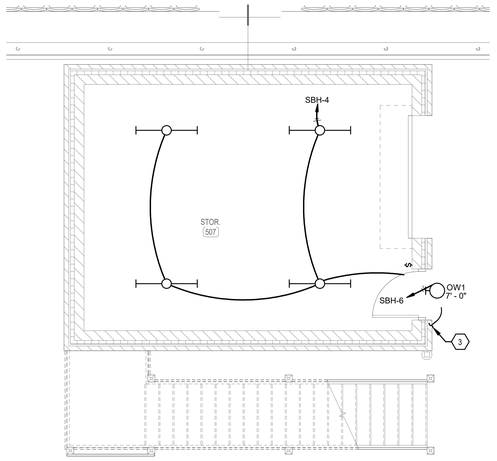
1. PROVIDE (2) 3/4" CONDUIT TO OUTDOOR UNIT FOR POWER AND CONTROLS. PROVIDE DISCONNECT AS REQUIRED.
2. PROVIDE CONNECTION TO OVERHEAD DOOR. SWITCH/ CONTROLLER PROVIDED WITH DOOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
3. CIRCUIT WITH 2ND FLOOR EXTERIOR FIXTURES
4. CIRCUIT WITH FIRST FLOOR EXTERIOR FIXTURE



3 SOFTBALL GRANDSTANDS - SECOND FLOOR - LIGHTING

SCALE: 1/4" = 1'-0"

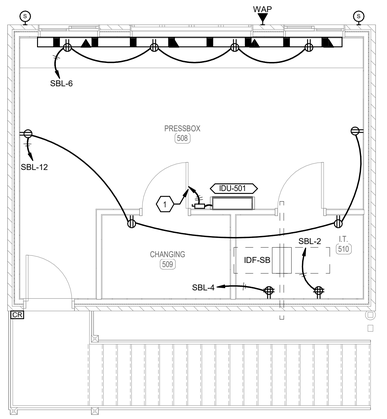
0 2' 4' 8'



4 SOFTBALL GRANDSTANDS - FIRST FLOOR - LIGHTING

SCALE: 1/4" = 1'-0"

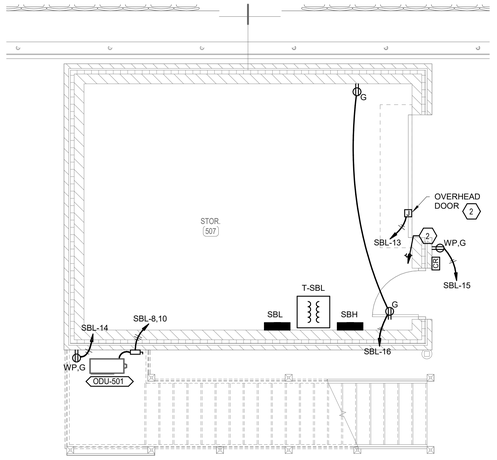
0 2' 4' 8'



2 SOFTBALL GRANDSTANDS - SECOND FLOOR - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



1 SOFTBALL GRANDSTANDS - FIRST FLOOR - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOFTBALL GRANDSTANDS FLOOR PLANS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
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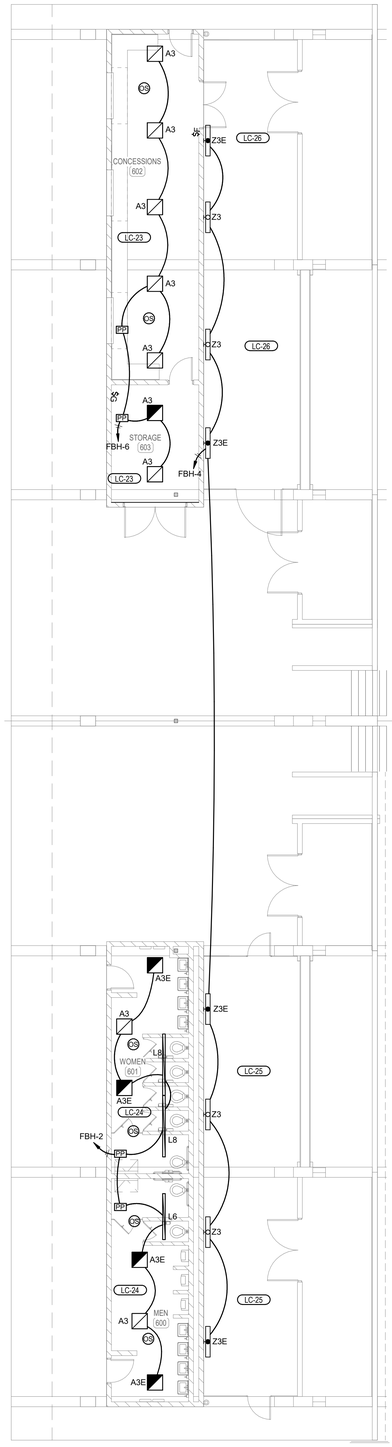
E5.3

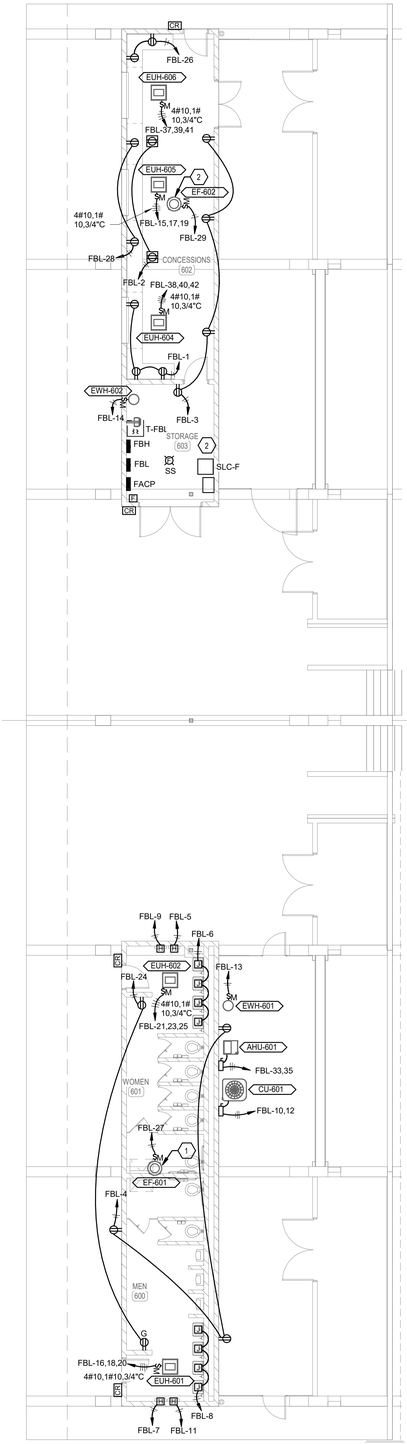
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
ES 5.3 SOFTBALL GRANDSTANDS FLOOR PLANS - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/26/2026 12:04:51 PM



1 FIRST FLOOR PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - LIGHTING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



2 FIRST FLOOR PLAN - GRANDSTAND RESTROOMS AND CONCESSIONS - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

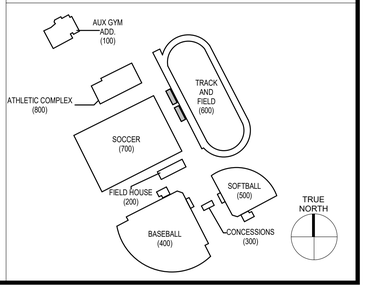
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. EQUIPMENT MOUNTED ON ROOF. PROVIDE DISCONNECT AS REQUIRED.
2. PROVIDE SPORTS LIGHTING CONTROL CABINET FOR CONTROL OF FOOTBALL FIELD LIGHTS. REFER TO SPECIFICATIONS.

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
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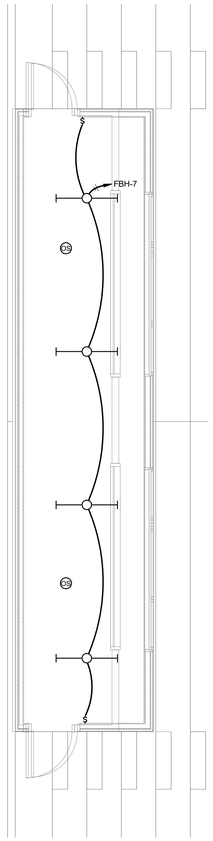
E6.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E6.1 GRANDSTANDS NEW WORK PLANS - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:52 PM

GENERAL NOTES

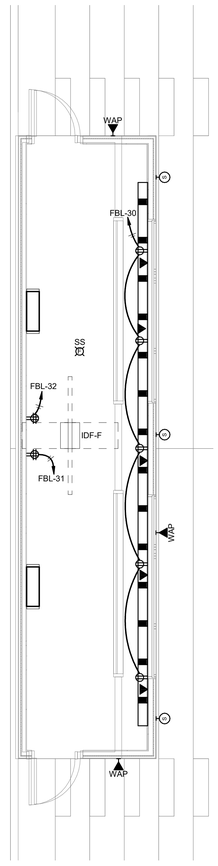
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



2 FLOOR PLAN - FOOTBALL PRESS BOX - LIGHTING

SCALE: 1/4" = 1'-0"

0 4' 8' 16'

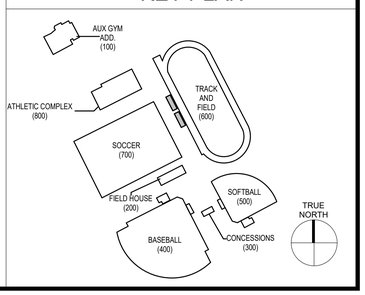


1 FLOOR PLAN - FOOTBALL PRESS BOX - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

GRANDSTANDS NEW WORK PLANS - PRESS BOX - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
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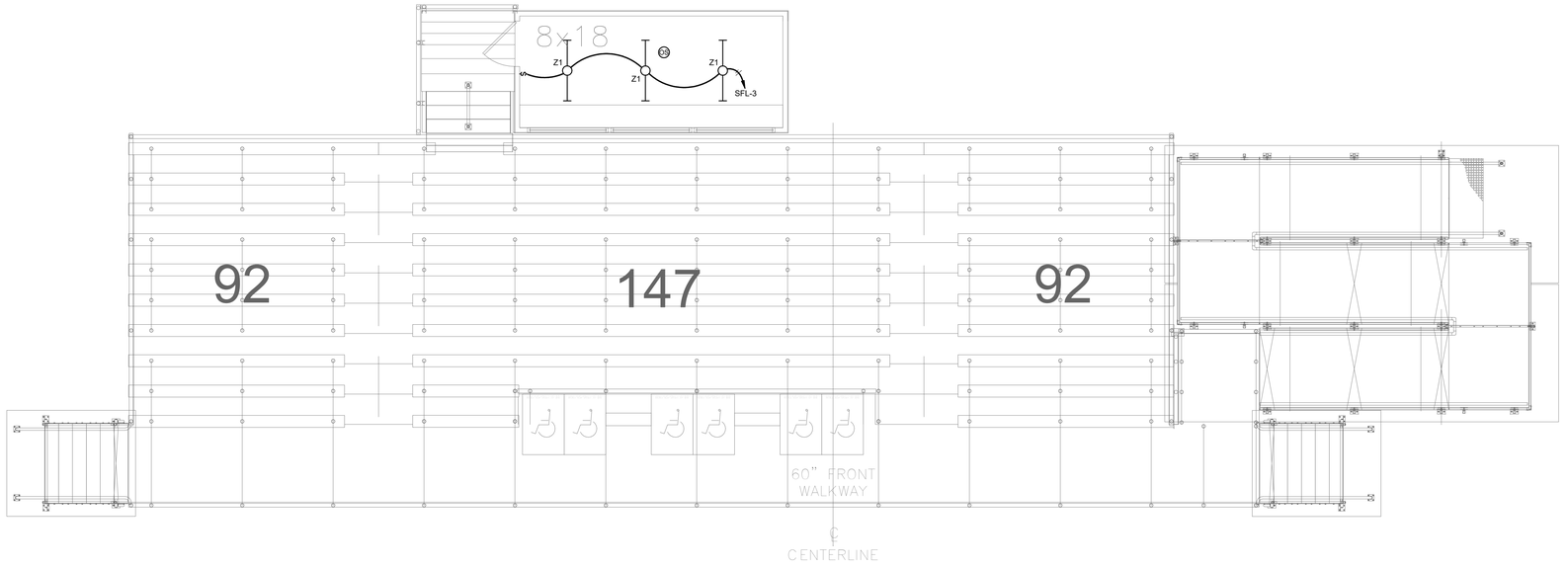
E6.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
EE Z:\Projects\2459 Allen County Athletic Fields and Facilities\Work\ALL PRESS BOX - ELECTRICAL.rvt
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/2500B-Allen Co. v26 MEP.rvt
3/20/2026 12:04:53 PM

GENERAL NOTES

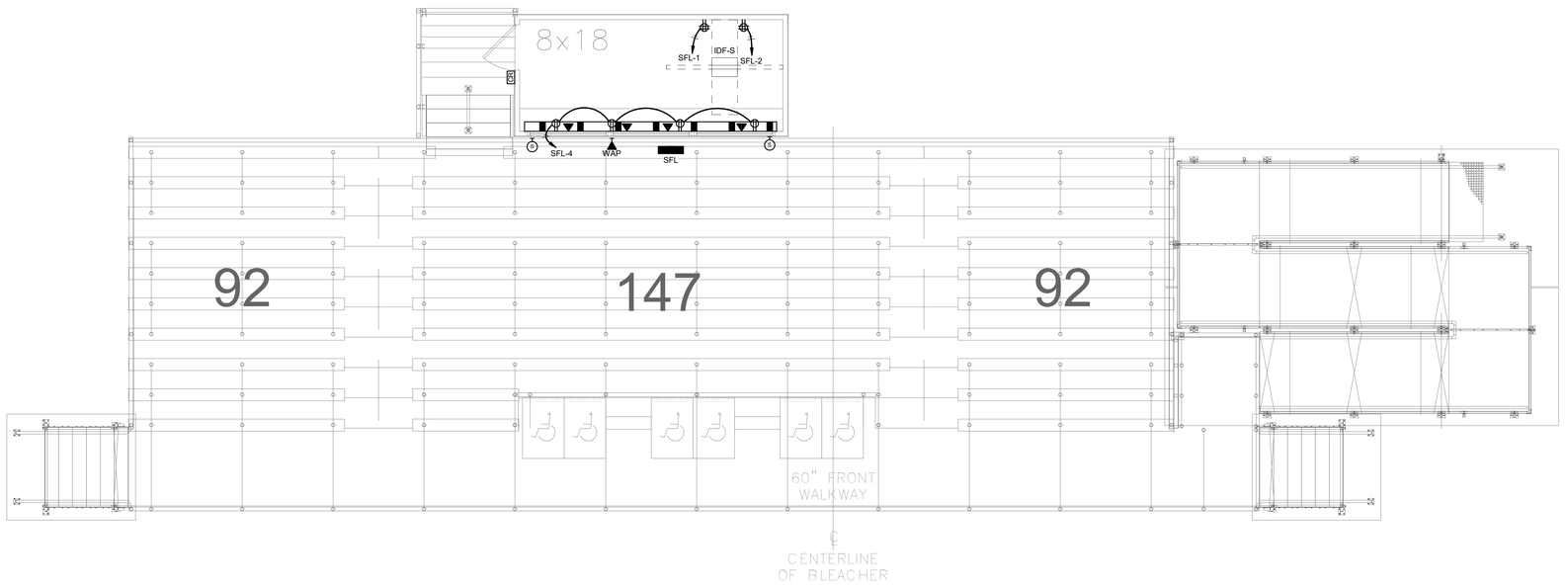
A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



1 SOCCER GRANDSTANDS - LIGHTING

SCALE: 1/4" = 1'-0"

0 4' 8' 16'

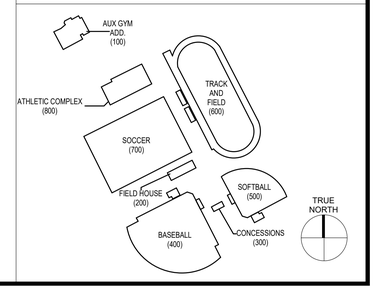


2 SOCCER GRANDSTANDS - POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

SOCCER GRANDSTANDS - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
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E7.1

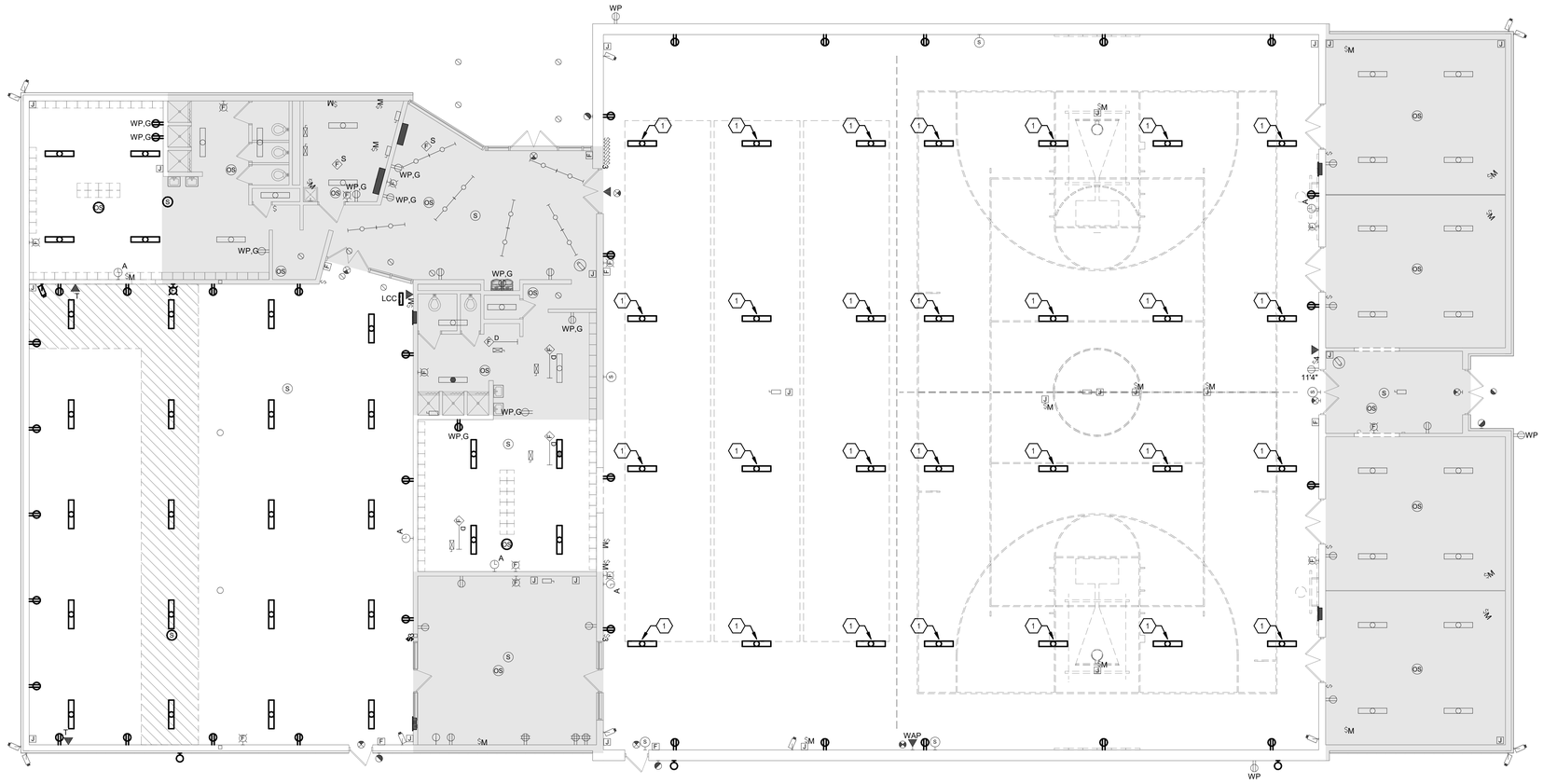
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
PHASE 2 - SOCCER GRANDSTANDS - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:33 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. REMOVE LIGHT FIXTURE. BRANCH CIRCUIT TO REMAIN FOR USE IN NEW WORK. REFER TO LIGHTING PLAN.

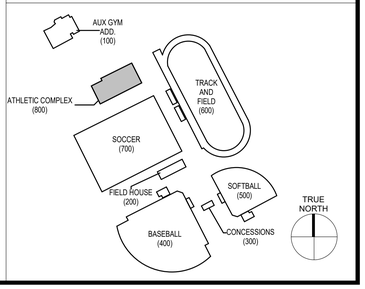


1 FIRST FLOOR DEMOLITION PLAN - ATHLETIC COMPLEX PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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COMMONWEALTH OF KENTUCKY JUSTIN W. HUSTON 29997 LICENSED PROFESSIONAL ENGINEER 03/20/26

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX DEMOLITION PLAN - ELECTRICAL

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
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ED8.1

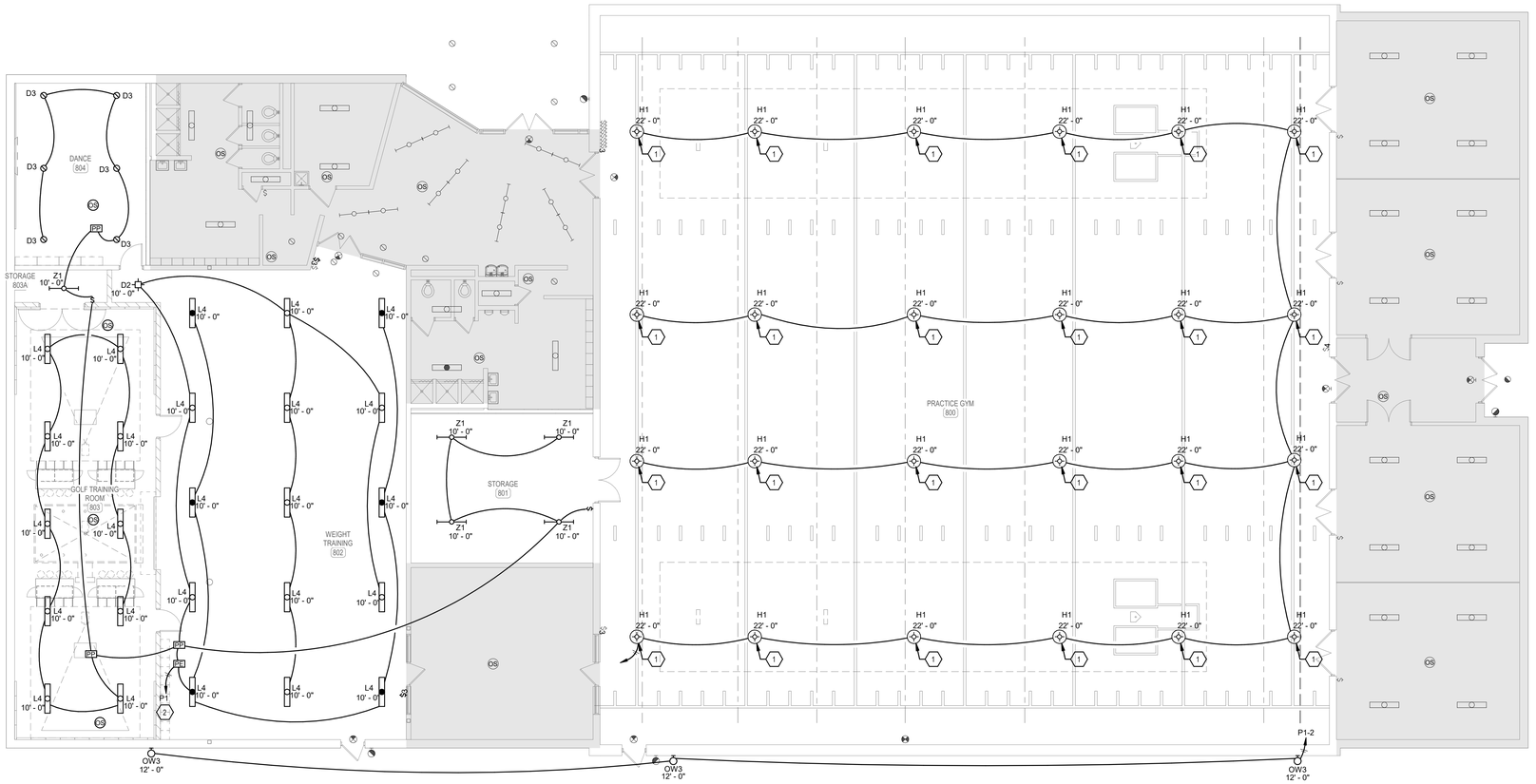
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
ED8.1 ATHLETICS COMPLEX DEMOLITION PLAN - ELECTRICAL
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25059-Allen Co. v26 MEP.rvt
3/20/2026 12:04:35 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. CONNECT LIGHT FIXTURE TO EXISTING POWER AND CONTROL CIRCUIT LEFT REMAINING FROM DEMOLITION WORK. REFER TO DEMOLITION PLAN.
2. CIRCUIT TO 20A SINGLE POLE BREAKER IN EXISTING PANEL INDICATED.

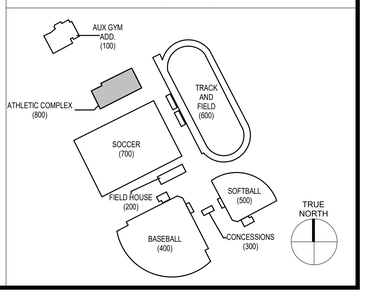


1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - LIGHTING

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - LIGHTING

JOB NO.	2459
DATE	3/24/2026
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E8.1

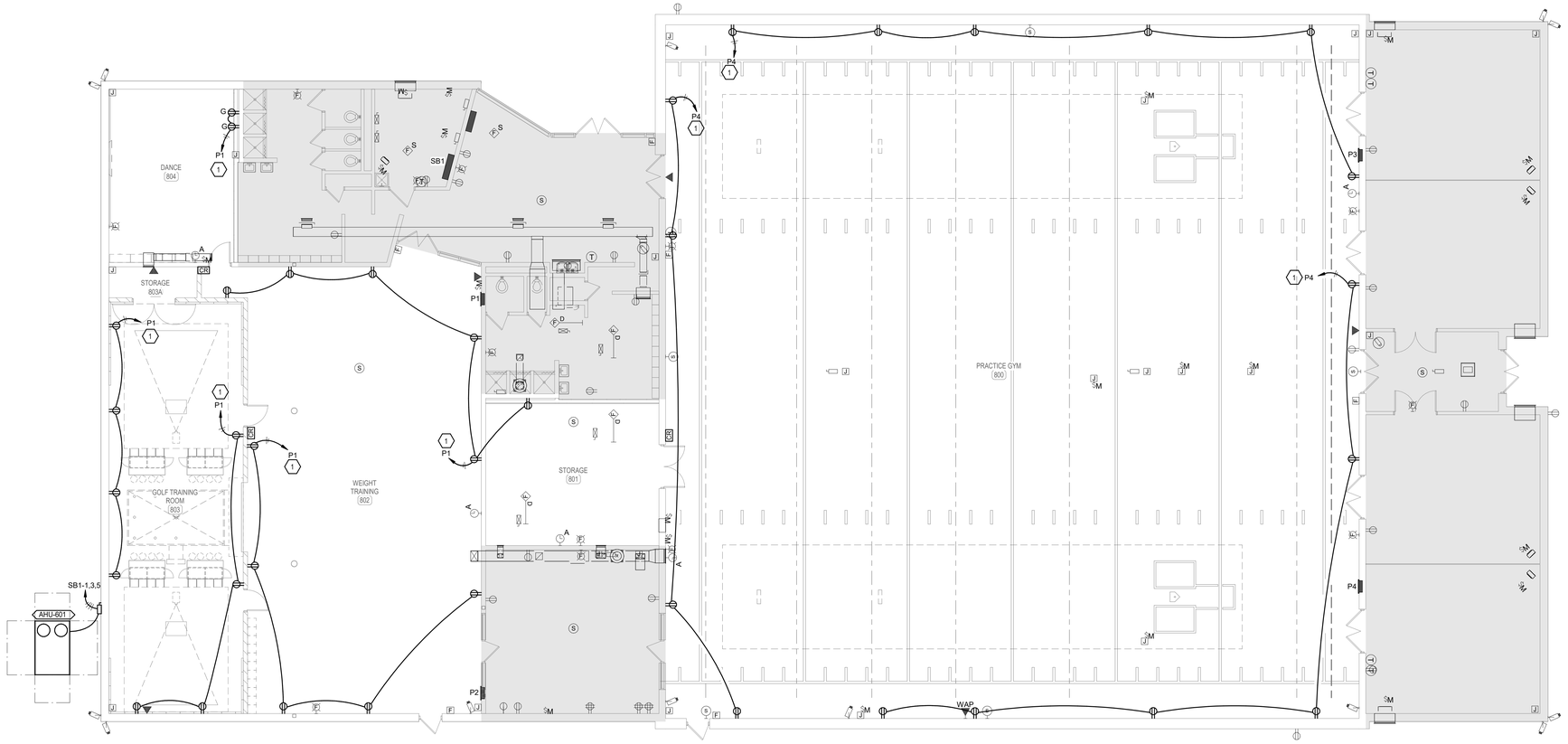
2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
ES - LIGHTING - PHASE 2 - CONSTRUCTION WORK - FOR AHJ REVIEW
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:54 PM

GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.

SHEET KEYNOTES

1. CIRCUIT TO 20A SINGLE POLE BREAKER IN EXISTING PANEL INDICATED.

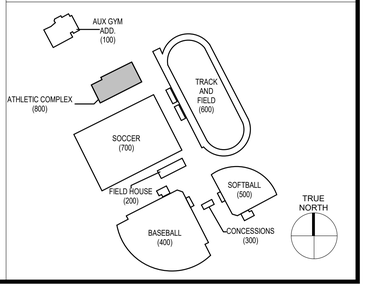


1 FIRST FLOOR PLAN - ATHLETICS COMPLEX PLAN - POWER AND SYSTEMS

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

KEY PLAN



SHERMAN CARTER BARNHART ARCHITECTS

JUSTIN W. WILSON 29067 LICENSED PROFESSIONAL ENGINEER STATE OF KENTUCKY 03/20/26

SHROUT TATE WILSON MECHANICAL AND ELECTRICAL ENGINEERS
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ATHLETICS COMPLEX NEW WORK PLAN - POWER AND SYSTEMS

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

SHEET

E8.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E8.2 ATHLETICS COMPLEX NEW WORK PLAN - POWER AND SYSTEMS
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:36 PM

GLP

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	72	125 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A	B	C	LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		RECEPTACLE	0.4	0.5		RECEPTACLE		1	20	2
3	20	1		RECEPTACLE			0.7	0.5	RECEPTACLE		1	20	4
5	20	1		RECEPTACLE	0.4	0.2			RECEPTACLE		1	20	6
7	20	1		RECEPTACLE			0.5	0.7	RECEPTACLE		1	20	8
9	20	1		RECEPTACLE	0.5	0.7			RECEPTACLE		1	20	10
11	20	1		RECEPTACLE			0.5	0.9	RECEPTACLE		1	20	12
13	20	1		RECEPTACLE	0.7	0.5			HAND DRYER		1	20	14
15	20	1		HAND DRYER			0.5	0.5	HAND DRYER		1	20	16
17	20	1		HAND DRYER				0.5	1.5	SINKS		1	20	18
19	20	1		SINKS	2.0	0.5			HAND DRYER		1	20	20
21	20	1		RECEPTACLE			0.2	0.2	RECEPTACLE		1	20	22
23	20	1		RECEPTACLE				0.2	0.2	RECEPTACLE		1	20	24
25	20	1		IDF RACK	0.4	0.2			RECEPTACLE		1	20	26
27	20	1		IDF RACK			0.4	0.4	RECEPTACLE		1	20	28
29	20	2		ODU-101				1.4	0.0	GWH-101		1	20	30
31	--	--		--	1.4	0.5			OVERHEAD DOOR		1	20	32
33	20	1		RECEPTACLE			0.2	0.5	ARCHERY CURTAIN		1	20	34
35	20	1		GOAL POWER				0.5	0.5	GOAL POWER		1	20	36
37	20	1		DIVIDER CURTAIN	0.5	0.5			GOAL POWER		1	20	38
39	20	1		ARCHERY CURTAIN			0.5	0.5	GOAL POWER		1	20	40
41	20	1		GOAL POWER				0.5	0.5	GOAL POWER		1	20	42
43	20	1		ACCESS CONTROL PANEL	0.0	0.2			RECEPTACLE		1	20	44
45	15	2		EUH-101			1.0	0.0	ACCESS CONTROL PANEL		1	20	46
47	--	--		--				1.0	0.5	OVERHEAD DOOR		1	20	48
49	15	2		EUH-103	1.0	0.5			OVERHEAD DOOR		1	20	50
51	--	--		--			1.0	1.0	EUH-102		2	15	52
53	15	2		EUH-104				1.0	1.0	--		--	--	54
55	--	--		--	1.0	0.6			EF-101		1	20	56
57	20	1		SPARE			0.0	0.0	SPARE		1	20	58
59	20	1		SPARE				0.0	0.0	SPARE		1	20	60
61	20	1		SPARE	0.0	0.0			SPARE		1	20	62
63	20	1		SPARE			0.0	0.0	SPARE		1	20	64
65	20	1		SPARE				0.0	0.0	SPARE		1	20	66
67	20	1		SPARE	0.0	0.0			SPARE		1	20	68
69	20	1		SPARE			0.0	0.0	SPARE		1	20	70
71	20	1		SPARE				0.0	0.0	SPARE		1	20	72
				PHASE TOTALS:	12.5		9.5		11.6	TOTAL:		33.6 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

LP

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	54	250 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A	B	C	LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	150	3		CBL	15.7	0.4		IDF RACK		1	20	2
3	--	--		--			13.5	0.4	IDF RACK		1	20	4
5	--	--		--				14.1	0.2	RECEPTACLE		1	20	6
7	20	1		WATER FOUNTAIN	0.4	0.5			SINK		1	20	8
9	20	1		HAND DRYER			0.5	0.5	RECEPTACLE		1	20	10
11	20	1		ICE MACHINE				0.2	0.2	WASHER		1	20	12
13	20	1		WASHER	0.2	5.0			DRYER		2	60	14
15	60	2		DRYER			5.0	5.0	--		--	--	16
17	--	--		--				5.0	0.7	RECEPTACLE		1	20	18
19	20	1		WATER FOUNTAIN	0.4	0.5			HAND DRYER		1	20	20
21	20	1		HAND DRYER			0.5	0.5	HAND DRYER		1	20	22
23	20	1		HAND DRYER				0.5	0.4	WATER FOUNTAIN		1	20	24
25	20	1		RECEPTACLE	1.1	1.1			RECEPTACLE		1	20	26
27	20	1		SPARE			0.0	1.1	SPARE		1	20	28
29	20	1		RECEPTACLE				1.1	1.1	RECEPTACLE		1	20	30
31	20	1		RECEPTACLE	1.1	0.9			RECEPTACLE		1	20	32
33	20	1		RECEPTACLE			0.4	0.4	RECEPTACLE		1	20	34
35	20	1		RECEPTACLE				0.5	0.5	HAND DRYER		1	20	36
37	20	1		SINKS	1.5	2.0			SINKS		1	20	38
39	20	1		RECEPTACLE			0.4	0.0	GWH-201		1	20	40
41	20	1		WATER FOUNTAIN				0.4	0.0	EF-201		1	15	42
43	20	2		ODU-201	7.3	0.0			SPARE		1	20	44
45	--	--		--			7.3	0.0	SPARE		1	20	46
47	20	1		SPARE				0.0	0.0	SPARE		1	20	48
49	20	1		SPARE	0.0	0.0			SPARE		1	20	50
51	20	1		SPARE			0.0	0.0	SPARE		1	20	52
53	20	1		SPARE				0.0	0.0	SPARE		1	20	54
				PHASE TOTALS:	37.9		35.3		24.8	TOTAL:		98.0 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

GHP

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	42	125 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A	B	C	LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	60	3		RTU-101	11.0	11.0			RTU-102		3	60	2
3	--	--		--			11.0	11.0	--		--	--	4
5	--	--		--				11.0	11.0	--		--	--	6
7	20	1		LIGHTING	0.9	3.4			LIGHTING		1	20	8
9	20	1		EXTERIOR LIGHTING			0.2	2.2	SITE LIGHTING		1	20	10
11	15	3		RTU-103				3.0	1.2	LIGHTING		1	20	12
13	--	--		--	3.0	3.7			LIGHTING		1	20	14
15	--	--		--			3.0	0.0	SPARE		1	20	16
17	20	1		SPARE				0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0			SPARE		1	20	20
21	20	1		SPARE			0.0	0.0	SPARE		1	20	22
23	20	1		SPARE				0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0			SPARE		1	20	26
27	20	1		SPARE			0.0	0.0	SPARE		1	20	28
29	20	1		SPARE				0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0			SPARE		1	20	32
33	20	1		SPARE			0.0	0.0	SPARE		1	20	34
35	20	1		SPARE				0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0			SPARE		1	20	38
39	20	1		SPARE			0.0	0.0	SPARE		1	20	40
41	20	1		SPARE				0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	33.0		27.3		26.2	TOTAL:		86.5 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

HP

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	42	125 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A	B	C	LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		LIGHTING	0.7	0.2			EXTERIOR LIGHTING		1	20	2
3	20	1		LIGHTING			0.9	0.8	SITE LIGHTING		1	20	4
5	20	1		LIGHTING				1.7	11.2	RTU-201		3	60	6
7	45	3		RTU-202	8.3	11.2			--		--	--	8
9	--	--		--			8.3	11.2	--		--	--	10
11	--	--		--				8.3	4.8	SS1		3	25	12
13	25	3		SS2	4.8	4.8			--		--	--	14
15	--	--		--			4.8	4.8	--		--	--	16
17	--	--		--				4.8	4.8	SS3		3	25	18
19	25	3		SS4	4.8	4.8			--		--	--	20
21	--	--		--			4.8	4.8				--	--	22
23	--	--		--				4.8	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0			SPARE		1	20	26
27	20	1		SPARE			0.0	0.0	SPARE		1	20	28
29	20	1		SPARE				0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0			SPARE		1	20	32
33	20	1		SPARE			0.0	0.0	SPARE		1	20	34
35	20	1		SPARE				0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0			SPARE		1	20	38
39	20	1		SPARE			0.0	0.0	SPARE		1	20	40
41	20	1		SPARE				0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	39.8		40.5		40.5	TOTAL:		120.8 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

EQUIPMENT CONNECTION SCHEDULE

XX-##	EQUIPMENT DESCRIPTION	DISCONNECTING MEANS	NEMA RATING	NOTES
AHU-301	SPLIT AIR HANDLER	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	1	
AHU-401	SPLIT AIR HANDLER	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	1	
AHU-501	SPLIT AIR HANDLER	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	1	
AHU-601	SPLIT AIR HANDLER	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
CU-301	SPLIT CONDENSING UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
CU-401	SPLIT CONDENSING UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
CU-501	SPLIT CONDENSING UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
CU-601	SPLIT CONDENSING UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
EF-101	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-201	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-301	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-302	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-303	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-401	EXHAUST FAN	INTEGRAL DISCONNECT	1	
EF-501	EXHAUST FAN	INTEGRAL DISCONNECT	1	
EF-601	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EF-602	EXHAUST FAN	INTEGRAL DISCONNECT	3R	
EUH-101	ELECTRIC HEATER	INTEGRAL DISCONNECT	1	
EUH-102	ELECTRIC HEATER	INTEGRAL DISCONNECT	1	
EUH-103	ELECTRIC HEATER	INTEGRAL DISCONNECT	1	
EUH-104	ELECTRIC HEATER	INTEGRAL DISCONNECT	1	
EUH-301	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-302	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-303	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-305	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-306	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-307	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-601	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-602	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-604	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-605	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EUH-606	ELECTRIC CEILING HEATER	INTEGRAL DISCONNECT	1	
EWH-301	ELECTRIC WATER HEATER	PROVIDE 60A/240V/3P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	1	
EWH-401	ELECTRIC WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	1	
EWH-501	ELECTRIC WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	1	
EWH-601	ELECTRIC WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	3R	
EWH-602	ELECTRIC WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	1	
GWH-101	GAS WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	1	
GWH-201	GAS WATER HEATER	PROVIDE 30A/120/1P MOTOR RATED TOGGLE SWITCH	1	
IDU-101	INDOOR UNIT	PROVIDE DISCONNECT AS REQUIRED BY MANUFACTURER	1	
IDU-401	INDOOR UNIT	PROVIDE DISCONNECT AS REQUIRED BY MANUFACTURER	1	
IDU-501	INDOOR UNIT	PROVIDE DISCONNECT AS REQUIRED BY MANUFACTURER	1	
ODU-101	OUTDOOR UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
ODU-201	OUTDOOR UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
ODU-401	OUTDOOR UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
ODU-501	OUTDOOR UNIT	PROVIDE 30A/240V/2P HEAVY DUTY NON-FUSIBLE DISCONNECT SWITCH	3R	
RTU-101	ROOF TOP UNIT	INTEGRAL DISCONNECT	3R	
RTU-102	ROOF TOP UNIT	INTEGRAL DISCONNECT	3R	
RTU-103	ROOF TOP UNIT	INTEGRAL DISCONNECT	3R	
RTU-201	ROOF TOP UNIT	INTEGRAL DISCONNECT	3R	
RTU-202	ROOF TOP UNIT	INTEGRAL DISCONNECT	3R	

MDP

DISTRIBUTION PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	48	600 A	MCB	65,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A	B	C	LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	125	3		HP	39.8	37.9			T-LP		3	70	2
3	--	--		--			40.5	35.3	--		--	--	4
5	--	--		--				40.5	24.8	--		--	--	6
7	125	3		SBH	18.0	32.8			BBH		3	125	8
9	--	--		--			15.5	25.9	--		--	--	10
11	--	--		--				13.3	24.6	--		--	--	12
13	125	3		FBH	43.9	0.0			SPARE		1	20	14
15	--	--		--			39.4	0.0	SPARE		1	20	16
17	--	--		--				41.3	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0			SPARE		1	20	20
21	20	1		SPARE			0.0	0.0	SPARE		1	20	22
23	20	1		SPARE				0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0			SPARE		1	20	26
27	20	1		SPARE			0.0	0.0	SPARE		1	20	28
29	20	1		SPARE				0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0			SPARE		1	20	32
33	20	1		SPARE			0.0	0.0	SPARE		1	20	34
35	20	1		SPARE				0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0			SPARE		1	20	38
39	20	1		SPARE			0.0	0.0	SPARE		1	20	40
41	20	1		SPARE				0.0	0.0	SPARE		1	20	42
43	20	1		SPARE	0.0	0.0			SPD		3	60	44
45	20	1		SPARE			0.0	0.0	--		--	--	46
47	20	1		SPARE				0.0	0.0	--		--	--	48
				PHASE TOTALS:	172.3		156.6		144.6	TOTAL:		473.5 kVA		

NOTES:
1. PROVIDE WITH 72" OF CIRCUIT BREAKER MOUNTING SPACE
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

SHERMAN CARTER BARNHART ARCHITECTS

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PANEL SCHEDULES

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

SHEET

E9.0

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E9.0 PANEL SCHEDULES
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/20/2026 12:04:36 PM

BBL

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	60	3		BBL	5.4	0.4					IDF RACK		1	20	2
3	--	--		--			2.5	0.4			IDF RACK		1	20	4
5	--	--		--					2.2	0.7	RECEPTACLE		1	20	6
7	60	3		BBLB	0.8	1.4					ODU-401		2	20	8
9	--	--		--			0.2	1.4			--		--	--	10
11	--	--		--					0.0	0.7	RECEPTACLE		1	20	12
13	20	1		OVERHEAD DOOR	0.5	0.2					RECEPTACLE		1	20	14
15	20	1		RECEPTACLE			0.2	0.4			RECEPTACLE		1	20	16
17	20	1		SPARE					0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0					SPARE		1	20	20
21	20	1		SPARE			0.0	0.0			SPARE		1	20	22
23	20	1		SPARE					0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	8.6		4.9		3.7		TOTAL:		17.2 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

CBL

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	54	150 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		RECEPTACLE	0.4	0.4					RECEPTACLE		1	20	2
3	20	1		RECEPTACLE			0.5	0.5			HAND DRYER		1	20	4
5	20	1		HAND DRYER					0.5	0.5	HAND DRYER		1	20	6
7	20	1		HAND DRYER	0.5	0.4					RECEPTACLE		1	20	8
9	20	1		RECEPTACLE			0.4	0.2			RECEPTACLE		1	20	10
11	20	1		RECEPTACLE					0.4	2.0	SINKS		1	20	12
13	20	1		SINKS	2.0	0.2					EF-303		1	15	14
15	20	1		EF-302			0.2	0.2			REFRIGERATOR		1	20	16
17	20	1		RECEPTACLE					0.4	0.4	RECEPTACLE		1	20	18
19	20	1		ICE MACHINE	0.2	0.2					ICE MACHINE		1	20	20
21	20	1		REFRIGERATOR			0.2	1.0			EUH-307		2	15	22
23	15	2		EUH-306					1.0	1.0	--		--	--	24
25	--	--		--	1.0	1.0					EUH-303		2	15	26
27	15	2		EUH-305			1.0	1.0			--		--	--	28
29	--	--		--					1.0	0.4	RECEPTACLE		1	20	30
31	15	2		EUH-301	1.0	1.0					EUH-302		2	15	32
33	--	--		--			1.0	1.0			--		--	--	34
35	20	1		RECEPTACLE					0.4	0.5	AHU-301		2	15	36
37	20	1		RECEPTACLE	0.4	0.5					--		--	--	38
39	20	1		RECEPTACLE			0.4	1.1			CU-301		2	15	40
41	15	1		EF-301					0.2	1.1	--		--	--	42
43	20	1		RECEPTACLE	0.4	1.7					LIGHTING		1	20	44
45	20	1		RECEPTACLE			0.2	0.1			LIGHTING		1	20	46
47	20	1		SPARE					0.0	4.6	EWH-301		3	60	48
49	20	1		SPARE	0.0	4.6					--		--	--	50
51	20	1		SPARE			0.0	4.6			--		--	--	52
53	20	1		SPARE					0.0	0.0	SPARE		1	20	54
				PHASE TOTALS:	15.7		13.5		14.1		TOTAL:		43.3 kVA		

NOTES:
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ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

SFL

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	125 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		IDF RACK	0.4	0.4					IDF RACK		1	20	2
3	20	1		LIGHTING			0.1	0.7			RECEPTACLE		1	20	4
5	20	1		SPARE					0.0	0.0	SPARE		1	20	6
7	20	1		SPARE	0.0	0.0					SPARE		1	20	8
9	20	1		SPARE			0.0	0.0			SPARE		1	20	10
11	20	1		SPARE					0.0	0.0	SPARE		1	20	12
13	20	1		SPARE	0.0	0.0					SPARE		1	20	14
15	20	1		SPARE			0.0	0.0			SPARE		1	20	16
17	20	1		SPARE					0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0					SPARE		1	20	20
21	20	1		SPARE			0.0	0.0			SPARE		1	20	22
23	20	1		SPARE					0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	0.7		0.8		0.0		TOTAL:		1.5 kVA		

NOTES:
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2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

BBH

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	42	125 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		SITE LIGHTING	1.8	8.6					T-BBL		3	50	2
3	20	1		LIGHTING			0.2	4.9			--		--	--	4
5	20	1		LIGHTING					0.0	3.7	--		--	--	6
7	20	1		SITE LIGHTING	1.5	2.8					SB1		3	20	8
9	20	3		SB2			2.8	2.8			--		--	--	10
11	--	--		--					2.8	2.8	--		--	--	12
13	--	--		--	2.8	3.6					SB3		3	20	14
15	20	3		SB4			3.6	3.6			--		--	--	16
17	--	--		--					3.6	3.6	--		--	--	18
19	--	--		--	3.6	4.0					SB5		3	25	20
21	25	3		SB6			4.0	4.0			--		--	--	22
23	--	--		--					4.0	4.0	--		--	--	24
25	--	--		--	4.0										26
27	20	1		SPARE			0.0								28
29	20	1		SPARE				0.0							30
31	20	1		SPARE	0.0										32
33	20	1		SPARE			0.0								34
35	20	1		SPARE				0.0							36
37	20	1		SPARE	0.0										38
39	20	1		SPARE			0.0								40
41	20	1		SPARE				0.0							42
				PHASE TOTALS:	32.8		25.9		24.6		TOTAL:		83.3 kVA		

NOTES:
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ABBREVIATIONS:
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S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

SBH

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	42	125 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	50	3		T-SBL	8.3	0.2					LIGHTING		1	20	2
3	--	--		--			5.8	0.1			LIGHTING		1	20	4
5	--	--		--					3.7	0.0	LIGHTING		1	20	6
7	20	3		ST1	1.9	2.1					ST2		3	20	8
9	--	--		--			1.9	2.1			--		--	--	10
11	--	--		--					1.9	2.1	--		--	--	12
13	20	3		ST4	2.8	2.8					ST3		3	20	14
15	--	--		--			2.8	2.8			--		--	--	16
17	--	--		--					2.8	2.8	--		--	--	18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				PHASE TOTALS:	18.0		15.5		13.3		TOTAL:		46.8 kVA		

NOTES:
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ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

FBH

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
277/480	4 WIRE	42	125 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	50	3		T-FBL	15.1	0.4					LIGHTING		1	20	2
3	--	--		--			10.9	0.3			LIGHTING		1	20	4
5	--	--		--					12.8	0.3	LIGHTING		1	20	6
7	20	1		LIGHTING	0.1	6.4					SF1		3	30	8
9	30	3		SF2			6.4	6.4			--		--	--	10
11	--	--		--					6.4	6.4	--		--	--	12
13	--	--		--	6.4	6.4					SF3		3	30	14
15	30	3		SF4			6.4	6.4			--		--	--	16
17	--	--		--					6.4	6.4	--		--	--	18
19	--	--		--	6.4	2.7					SF5 & SF6		3	20	20
21	20	1		SPARE			0.0	2.7			--		--	--	22
23	20	1		SPARE					0.0	2.7	--		--	--	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	43.9		39.4		41.3		TOTAL:		124.5 kVA		

NOTES:
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ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

BBLA

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		RECEPTACLE	0.2	0.5					RECEPTACLE		1	20	2
3	20	1		WATER FOUNTAIN			0.4	0.4			EF-401		1	15	4
5	20	1		SINK					0.5	0.5	HAND DRYER		1	20	6
7	20	1		LIGHTING	0.8	3.5					EWH-401		1	30	8
9	20	1		RECEPTACLE			0.2	1.1			CU-401		2	15	10
11	20	1		RECEPTACLE					0.2	1.1	--		--	--	12
13	20	1		SPARE	0.0	0.5					AHU-401		2	15	14
15	20	1		SPARE			0.0	0.5			--		--	--	16
17	20	1		SPARE					0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0					SPARE		1	20	20
21	20	1		SPARE			0.0	0.0			SPARE		1	20	22
23	20	1		SPARE					0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	5.4		2.5		2.2		TOTAL:		10.1 kVA		

NOTES:
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ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

BBLB

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		LIGHTING	0.3	0.5					RECEPTACLE		1	20	2
3	20	1		RECEPTACLE			0.2								4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				PHASE TOTALS:	0.8		0.2		0.0		TOTAL:		1.0 kVA		

NOTES:
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ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

FBL

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	60	125 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		RECEPTACLE	0.5	0.4					RECEPTACLE		1	20	2
3	20	1		RECEPTACLE			0.7	0.5			RECEPTACLE		1	20	4
5	20	1		HAND DRYER					0.5	2.0	SINKS		1	20	6
7	20	1		HAND DRYER	0.5	2.0					SINKS		1	20	8
9	20	1		HAND DRYER			0.5	1.1			CU-601		2	15	10
11	20	1		HAND DRYER					0.5	1.1	--		--	--	12
13	20	1		EWH-601	2.0	2.0					EWH-602		1	20	14
15	30	3		EUH-605			1.3	1.3			EUH-601		3	30	16
17	--	--		--					1.3	1.3	--		--	--	18
19	--	--		--	1.3	1.3					--		--	--	20
21	30	3		EUH-602			1.3	0.2			RECEPTACLE		1	20	22
23	--	--		--					1.3	0.4	RECEPTACLE		1	20	24
25	--	--		--	1.3	0.4					RECEPTACLE		1	20	26
27	15	1		EF-601			0.2	0.4			RECEPTACLE		1	20	28
29	15	1		EF-602					0.2	0.9	RECEPTACLE		1	20	30
31	20	1		RECEPTACLE	0.4	0.4					RECEPTACLE		1	20	32
33	15	2		AHU-601			0.5	0.2			RECEPTACLE		1	20	34
35	--	--		--					0.5	0.2	RECEPTACLE		1	20	36
37	30	3		EUH-606	1.3	1.3					EUH-604		3	30	38
39	--	--		--			1.3	1.3			--		--	--	40
41	--	--		--					1.3	1.3	--		--	--	42
43	20	1		SPARE	0.0	0.0					SPARE		1	20	44
45	20	1		SPARE			0.0	0.0			SPARE		1	20	46
47	20	1		SPARE					0.0	0.0	SPARE		1	20	48
49	20	1		SPARE	0.0	0.0					SPARE		1	20	50
51	20	1		SPARE			0.0	0.0			SPARE		1	20	52
53	20	1		SPARE					0.0	0.0	SPARE		1	20	54
55	20	1		SPARE	0.0	0.0					SPARE		1	20	56
57	20	1		SPARE			0.0	0.0			SPARE		1	20	58
59	20	1		SPARE					0.0						60
				PHASE TOTALS:	15.1		10.9		12.8		TOTAL:		38.8 kVA		

NOTES:
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2.

ABBREVIATIONS:
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SHERMAN CARTER BARNHART ARCHITECTS

SHROUT TATE WILSON MECHANICAL AND ELECTRICAL ENGINEERS
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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PANEL SCHEDULES

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

SHEET

E9.1

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
63 PANEL SCHEDULES.dwg, E9.1
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
3/30/2026 12:04:58 PM

SBL

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	60	3		SBL	5.1	0.4					IDF RACK		1	20	2
3	--	--		--			3.3	0.4			IDF RACK		1	20	4
5	--	--		--					1.8	0.7	RECEPTACLE		1	20	6
7	60	3		SBLB	0.8	1.4					ODU-501		2	20	8
9	--	--		--			0.2	1.4			--		--	--	10
11	--	--		--					0.0	0.7	RECEPTACLE		1	20	12
13	20	1		OVERHEAD DOOR	0.5	0.2					RECEPTACLE		1	20	14
15	20	1		RECEPTACLE			0.2	0.4			RECEPTACLE		1	20	16
17	20	1		SCOREBOARD					0.5						18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				PHASE TOTALS:	8.3		5.8		3.7		TOTAL:		17.8 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER
E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

SBLA

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MCB	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		RECEPTACLE	0.5	0.2					RECEPTACLE		1	20	2
3	20	1		LIGHTING			0.8	1.1			CU-501		2	15	4
5	20	1		WATER FOUNTAIN					0.4	1.1	--		--	--	6
7	15	1		EF-501	0.4	3.5					EWH-501		1	30	8
9	20	1		HAND DRYER			0.5	0.5			SINK		1	20	10
11	20	1		RECEPTACLE					0.2	0.2	RECEPTACLE		1	20	12
13	15	2		AHU-501	0.5	0.0					SPARE		1	20	14
15	--	--		--			0.5	0.0			SPARE		1	20	16
17	20	1		SPARE					0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0					SPARE		1	20	20
21	20	1		SPARE			0.0	0.0			SPARE		1	20	22
23	20	1		SPARE					0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	5.1		3.3		1.8		TOTAL:		10.2 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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E - ELECTRONIC ADJUSTABLE TRIP BREAKER
MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY

SBLB

BRANCH CIRCUIT PANELBOARD

VOLTAGE	3 PHASE	POLES	MAIN AMPS	MAIN TYPE	A. I. RATING	MOUNTING
120/208	4 WIRE	42	100 A	MLO	22,000	SURFACE

POLE NO.	TRIP	P	TYPE	LOAD SERVED	A		B		C		LOAD SERVED	TYPE	P	TRIP	POLE NO.
1	20	1		LIGHTING	0.3	0.5					RECEPTACLE		1	20	2
3	20	1		RECEPTACLE			0.2	0.0			SPARE		1	20	4
5	20	1		SPARE					0.0	0.0	SPARE		1	20	6
7	20	1		SPARE	0.0	0.0					SPARE		1	20	8
9	20	1		SPARE			0.0	0.0			SPARE		1	20	10
11	20	1		SPARE					0.0	0.0	SPARE		1	20	12
13	20	1		SPARE	0.0	0.0					SPARE		1	20	14
15	20	1		SPARE			0.0	0.0			SPARE		1	20	16
17	20	1		SPARE					0.0	0.0	SPARE		1	20	18
19	20	1		SPARE	0.0	0.0					SPARE		1	20	20
21	20	1		SPARE			0.0	0.0			SPARE		1	20	22
23	20	1		SPARE					0.0	0.0	SPARE		1	20	24
25	20	1		SPARE	0.0	0.0					SPARE		1	20	26
27	20	1		SPARE			0.0	0.0			SPARE		1	20	28
29	20	1		SPARE					0.0	0.0	SPARE		1	20	30
31	20	1		SPARE	0.0	0.0					SPARE		1	20	32
33	20	1		SPARE			0.0	0.0			SPARE		1	20	34
35	20	1		SPARE					0.0	0.0	SPARE		1	20	36
37	20	1		SPARE	0.0	0.0					SPARE		1	20	38
39	20	1		SPARE			0.0	0.0			SPARE		1	20	40
41	20	1		SPARE					0.0	0.0	SPARE		1	20	42
				PHASE TOTALS:	0.8		0.2		0.0		TOTAL:		1.0 kVA		

NOTES:
1.
2.

ABBREVIATIONS:
G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER
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SHERMAN CARTER BARNHART ARCHITECTS

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

PANEL SCHEDULES

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

SHEET

E9.2

2459 ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES
E9.2 PANEL SCHEDULES
Autodesk Docs://2459 Allen County Athletic Fields and Facilities/25008-Allen Co. v26 MEP.rvt
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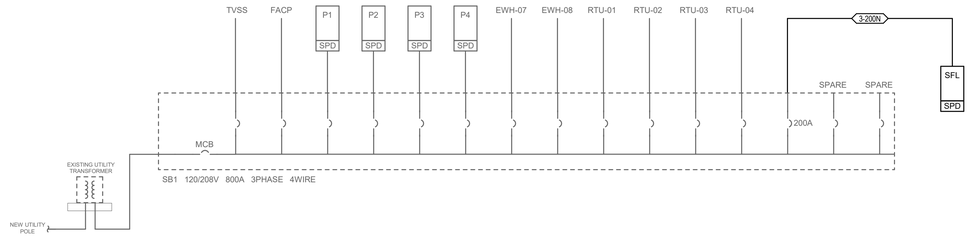
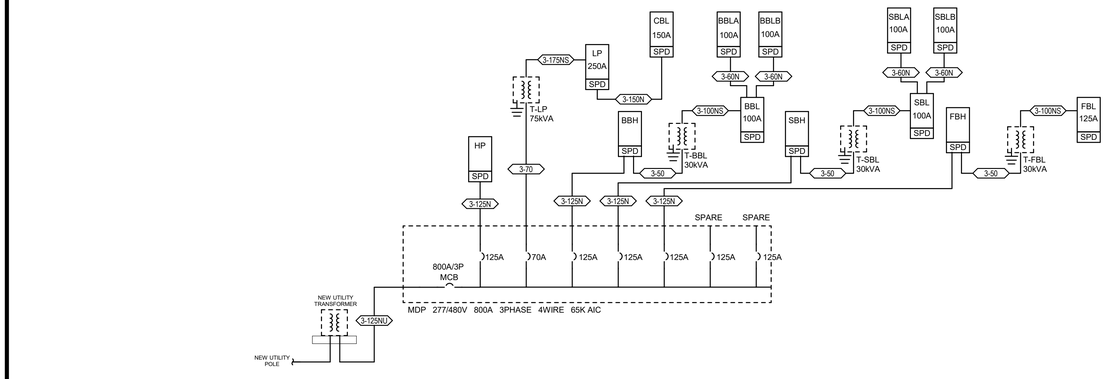
GENERAL NOTES

A. REFER TO SHEETS E0.01 AND E0.02 FOR ELECTRICAL LEGEND AND GENERAL NOTES.



3 ATHLETIC COMPLEX POWER DISTRIBUTION ONE-LINE DIAGRAM

NOT TO SCALE

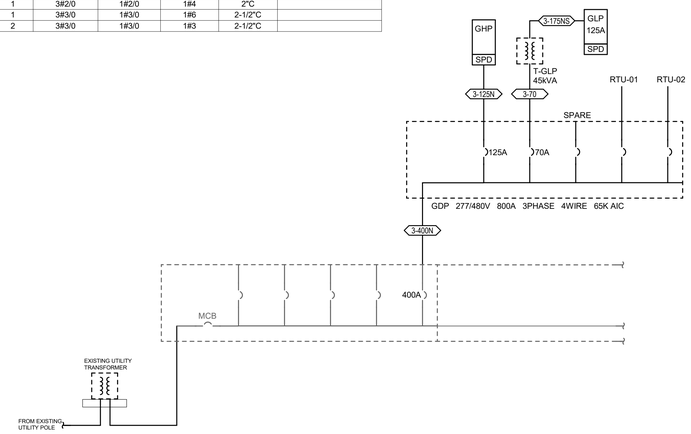


2 FIELDHOUSE POWER DISTRIBUTION ONE-LINE DIAGRAM

NOT TO SCALE

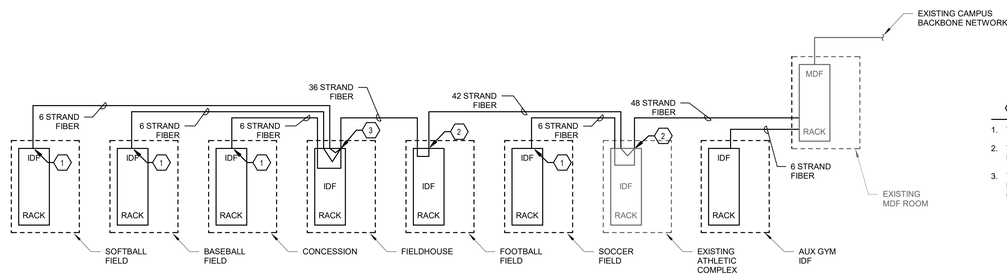
ONE LINE FEEDER SCHEDULE

TAG	SETS	PHASE	NEUTRAL	GROUND	RACEWAY	NOTES
3-50	1	3#6	-	1#10	1"C	
3-60N	1	3#4	1#4	1#10	1-1/4"C	
3-70	1	3#4	-	1#8	1-1/4"C	
3-100NS	1	3#1	1#1	1#6	2"C	
3-125N	1	3#1/0	1#1/0	1#6	2"C	
3-125NU	1	3#1/0	1#1/0	-	2"C	
3-150N	1	3#1/0	1#1/0	1#6	2"C	
3-175NS	1	3#2/0	1#2/0	1#4	2"C	
3-200N	1	3#3/0	1#3/0	1#6	2-1/2"C	
3-400N	2	3#3/0	1#3/0	1#3	2-1/2"C	



1 HIGHSCHOOL POWER DISTRIBUTION ONE-LINE DIAGRAM

NOT TO SCALE



4 COMMUNICATIONS BACKBONE CABLING ONE-LINE DIAGRAM

NOT TO SCALE

COMMUNICATIONS ONE-LINE KEYNOTES

1. TERMINATE 6 FIBER TO PATCH PANEL.
2. TERMINATE 6 FIBER TO PATCH PANEL. SPLICE REMAINING FIBER TO CONTINUE DOWNSTREAM AS INDICATED.
3. TERMINATE 6 FIBER TO PATCH PANEL. SPLICE REMAINING FIBER TO CONTINUE DOWNSTREAM AS INDICATED. LEAVE UNUSED FIBER AS UN-TERMINATED SPARE (DARK) FIBER.

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION	LAMPS TYPE	CRI	DIMMING	COLOR TEMP	LUMENS	WATTS	VOLTS	MOUNTING TYPE	MANUFACTURER - MODEL NUMBER	NOTES
A1	2'x4' LED RECESSED PANEL	LED	80		4000K	4000	39 VA	MVOLT	RECESSED	LITHONIA LIGHTING #2RTL4-40L-LP840 HE WILLIAMS #HETG-S24-L50/840-A-(L40)-(4)EQCLIPSDIM-UNV METALUX #24AC-LDS-39-UNV-L840-CD1-U	
A1E	2'x4' LED RECESSED PANEL WITH INTERNAL BATTERY	LED	80		4000K	4000	39 VA	MVOLT	RECESSED	LITHONIA LIGHTING #2RTL4-40L-LP840-E7W HE WILLIAMS #HETG-S24-L50/840-A-(L40)-EM/10W-(4)EQCLIPSDIM-UNV METALUX #24AC-LDS-39-UNV-EL10WSD-L840-CD1-U	
A2	2'x4' LED RECESSED PANEL	LED	80		4000K	5000	42 VA	MVOLT	RECESSED	LITHONIA LIGHTING #STAK-2X4-80CRI-40K-COL-MVOLT INDUSTRIAL LIGHTING PRODUCTS #VST24-5L-U-40 METALUX #24ARS-L3C3-UNV	
A3	2'x2' LED RECESSED PANEL. DAMP LOCATION LISTED	LED	80		4000K	4000	36 VA	MVOLT	RECESSED	LITHONIA LIGHTING #CPX-2X2-4000LM-80CRI-40K-SWL-MVOLT INDUSTRIAL LIGHTING PRODUCTS #VPAN22-44L-U40 METALUX #22CGTX-45-L840	
A3E	2'x2' LED RECESSED PANEL. DAMP LOCATION LISTED WITH INTERNAL BATTERY	LED	80		4000K	4000	36 VA	MVOLT	RECESSED	LITHONIA LIGHTING #CPX-2X2-4000LM-80CRI-40K-SWL-MVOLT-E7W INDUSTRIAL LIGHTING PRODUCTS #VPAN22-44L-U40-EM8 METALUX #22CGTX-45-EL10WSD-L840	
A4	2'x4' LED RECESSED PANEL	LED	80		4000K	5000	42 VA	MVOLT	RECESSED	LITHONIA LIGHTING #CPX-2X4-4000LM-80CRI-40K-SWL-MVOLT INDUSTRIAL LIGHTING PRODUCTS #VPAN24-44L-U40 METALUX #24CGTX-45-L840	
A4E	2'x4' LED RECESSED PANEL WITH INTERNAL BATTERY	LED	80	0-10V	4000K	5000	42 VA	MVOLT	RECESSED	LITHONIA LIGHTING #CPX-2X4-4000LM-80CRI-40K-SWL-MVOLT-E7W INDUSTRIAL LIGHTING PRODUCTS #VPAN24-44L-U40-EM8 METALUX #24CGTX-45-EL10WSD-L840	
A5	1'x4' LED VANDAL RESISTANT PANEL	LED	80		4000K	4800	41 VA	MVOLT	SURFACE	LUMINAIRE LED #VRP-1X4-FL-4800LM-40K-80CRI-MVOLT-FPC125-XXX BARRON #LCB-14-CP1-VS FAIL-SAFE #FLR2-HA-14-70HE-L840-UNV-CA125	
B1	VANDAL RESISTANT 7" WIDE SURFACE MOUNTED WRAP WET LOCATION LISTED	LED	80		4000K	5443	50 VA	MVOLT	SUSPENDED	LUMINAIRE LED #CLF7-4FT-NODIM-50W-40K-MVOLT-OP-XXX KENALL #MLHA8-48-F-LG-PP-45L40K-DCC-DV FAIL-SAFE #HVSLB-4-LD4-2STD-40-UNV-O-EDC1-XX	
B1E	VANDAL RESISTANT 7" WIDE SURFACE MOUNTED WRAP WET LOCATION LISTED WITH INTEGRAL BATTERY	LED	80		4000K	5443	50 VA	MVOLT	SUSPENDED	LUMINAIRE LED #CLF7-4FT-NODIM-50W-40K-MVOLT-OP-XXX-EMB07 KENALL #MLHA8-48-F-LG-PP-45L40K-DCC-DV-LEL FAIL-SAFE #HVSLB-4-LD4-2STD-40-UNV-O-EDC1-EL10W-XX	
D1	4" ROUND DOWNLIGHT WITH CLEAR BOTTOM LENS GASKETED AND SEALED. WET LOCATION LISTED	LED	80		4000K	1500	14 VA	MVOLT	RECESSED	GOTHAM LIGHTING #EVO4SH-40/15-DFF-SMO-MVOLT HE WILLIAMS #4DR-TL-L15/840-DIM1-UNV-LW-OF-CS-AD-WET/CC-N-F1 HALO #HC415D010-HM40525840-41PSMDW	
D2	4" ROUND DOWNLIGHT CYLINDER PENDANT	LED	80		4000K	2500	26 VA	MVOLT	SUSPENDED	GOTHAM LIGHTING #EVO4CC-40/25-AR-MWD-LSS-JBXCC HE WILLIAMS #4CR-08-L25/840-RDB-WHT-DIM-UNV-FW-CS HALO #HCC4S25D010-HM40525840-41MDH	
D3	4" ROUND DOWNLIGHT	LED	80		4000K	2500	26 VA	MVOLT	RECESSED	GOTHAM LIGHTING #EVO4-40K-25-AR-LSS-MWD-MVOLT-GZ10	
E1	EMERGENCY WALL PACK WITH INTEGRAL BATTERY AND SELF DIAGNOSTIC	LED							SURFACE	SPITZER #EWAS-32L-U-CC-C1-XX	
H1	ROUND HIGH BAY WITH INTEGRATED CONTROLS. NARROW OPTICS.	LED	80		4000K	27000	169 VA	MVOLT	PENDANT	LITHONIA LIGHTING #REBL-ALO16-ND-UVOLT-SWW9-80CRI INDUSTRIAL LIGHTING PRODUCTS #RB5L-26L/30L/36L-U-CCTS-PCL-WHT-+RB5-PEN/WHT/SS SAFETY CABLE METALUX #LHBS2-2436-MV-L8C5-U	
L4	4' LONG LINEAR PENDANT	LED	80		4000K	6000	52 VA	MVOLT	SUSPENDED	MARK ARCHITECTURAL LIGHTING #S4PD-4FT-80CRI-40K-1500LMF-NODIM-FLL-MVOLT HE WILLIAMS #MX4D-4T00-L15/840-F-AC/D??-DIM-UNV ARCHITECTURAL LIGHTING WORKS #LPX4DSPFN-S4-15-40-80-SL-V01-1C-UNV	
L6	6' LONG LAY-IN RECESSED LINEAR	LED	80		4000K	4800	41 VA	MVOLT	RECESSED	ADVANTAGE #ALN-6-FS1-UNC-XXX HE WILLIAMS #LRX4G-6-L8/840-DMA-DIM-UNV METALUX #4RBG6-SL1-LSSCT3	
L8	8' LONG LAY-IN RECESSED LINEAR	LED	80		4000K	6400	58 VA	MVOLT	RECESSED	ADVANTAGE #ALN-8-FS1-UNC-XXX HE WILLIAMS #LRX4G-8-L8/840-DMA-DIM-UNV METALUX #8RBG6-SL1-LSSCT3	
OL1	POLE MOUNTED OUTDOOR AREA LIGHT WITH TYPE 4 DISTRIBUTION. SINGLE HEAD ON 30FT SQUARE STEEL POLE.	LED	80		4000K	27000	216 VA	MVOLT	POLE MOUNTED @ 30'	LITHONIA LIGHTING #DSX1-LED-P8-40K-80CRI-T4M INDUSTRIAL LIGHTING PRODUCTS #SAM-30L-U-40-T4-UMB/R & ULS #RPSQ-30-5-11 MCGRAW GALN-SA4C-740-U-T4W	
OL2	POLE MOUNTED OUTDOOR AREA LIGHT WITH TYPE 2 DISTRIBUTION. SINGLE HEAD ON 30FT SQUARE STEEL POLE.	LED	80		4000K	27000	216 VA	MVOLT	POLE MOUNTED @ 30'	LITHONIA LIGHTING #DSX1-LED-P8-40K-80CRI-T2M INDUSTRIAL LIGHTING PRODUCTS #SAM-30L-U-40-T2-UMB/R & ULS #RPSQ-30-5-11 MCGRAW # GALN-SA4C-740-U-T3	
OP1	POLE MOUNTED PEDESTRIAN AREA LIGHT POST TOP ON 12FT ROUND POLE	LED	80		4000K	10000	86 VA	MVOLT	POLE MOUNTED @ 12'	LITHONIA LIGHTING #RADPT-P4-40K-ASY-MVOLT VISIONAIRE#LSO-M-T4L-10L-4K-UNV-PTD & ULS #RSP-12-3-11 STERNBERG #PT-SL660-24L-40-T4-MDL018-SV2	
OP2	POLE MOUNTED PEDESTRIAN AREA LIGHT POST TOP ON 12FT ROUND POLE	LED	80		4000K	10000	86 VA	MVOLT	POLE MOUNTED @ 12'	LITHONIA LIGHTING #RADPT-P4-40K-PATH-MVOLT VISIONAIRE #LSO-M-T1-11L-4K-UNV-PTD & ULS #RSP-12-3-11 STERNBERG #PT-SL660-24L-40-T3-MDL010-SV2	
OW1	EXTERIOR WALL MOUNTED AREA LIGHT	LED	80		4000K	1978	15 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #WDGE1-P2-40K-80CRI-VF-MVOLT-SRM-XXX INDUSTRIAL LIGHTING PRODUCTS #SWS-2L-U-40-T4FT-AD-XX MCGRAW #GKO-PB1C-740-U-T4W	
OW2	EXTERIOR WALL MOUNTED AREA LIGHT	LED	80		4000K	3213	23 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #WDGE2-P3-40K-80CRI-VW-MVOLT-SRM-XXX INDUSTRIAL LIGHTING PRODUCTS #SWS-3L-U-40-T4FT-AD-XX MCGRAW #GKO-PB1D-740-U-T4W	
OW3	EXTERIOR WALL MOUNTED AREA LIGHT	LED	80		4000K	7524	52 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #WDGE3-P1-40K-80CRI-R3-MVOLT-SRM-XXX INDUSTRIAL LIGHTING PRODUCTS #SWM-9L-U-40-T3-XX-SML7500 MCGRAW #GKO-PB2C-740-U-T3	
W1	WALL MOUNTED VAPOR TIGHT FIXTURE	LED	80		4000K	600	15 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #OLVTWM SPITZER #DFU-30LC-U-CC-C1-NC SPECTRUM LIGHTING #WJ-IGV-15L-40K-D010X-FJ1-CP104KO-WLKA	
X1	CEILING MOUNTED EXIT SIGN	LED					0 VA	MVOLT	SURFACE	BEGHELLI #LC1E-SA-LR-U-B-AL	
X2	WALL MOUNTED EXIT SIGN	LED					0 VA	MVOLT	WALL MOUNTED	BEGHELLI #LC1E-SA-LR-U-B-AL	
Z1	INDUSTRIAL STRIP LUMINAIRE	LED	80		4000K	4000	30 VA	MVOLT	SURFACE	LITHONIA LIGHTING #CLX-L48-4000LM-SEF-RDL-MVOLT-40K-80CRI HE WILLIAMS #FS-4-LS/8CS-QS-DIM-UNV METALUX #4SNX-41SL-LW-UNV-L840-CD1-U	
Z3	VAPOR TIGHT INDUSTRIAL STRIP WITH ANGLE WALL MOUNT BRACKET	LED	80		4000K	4000	34 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #CSVT-L48-4000LM-MVOLT-40K-80CRI & #CSVTRMBA INDUSTRIAL LIGHTING PRODUCTS #WTZ4-4L-U-40-RAFL-SS/AB45DEG/SS ADVANTAGE ENVIRONMENTAL LIGHTING #LVT-4-40-4L-M-45/WWB	
Z3E	VAPOR TIGHT INDUSTRIAL STRIP WITH ANGLE WALL MOUNT BRACKET AND INTEGRAL EMERGENCY BATTERY	LED	80		4000K	4000	34 VA	MVOLT	WALL MOUNTED	LITHONIA LIGHTING #CSVT-L48-4000LM-MVOLT-40K-80CRI-E7W & #CSVTRMBA INDUSTRIAL LIGHTING PRODUCTS #WTZ4-4L-U-40-RAFL-EM7-SS/AB45DEG/SS ADVANTAGE ENVIRONMENTAL LIGHTING #LVT-4-40-4L-M-12EBL-45WWB	

SHERMAN CARTER BARNHART ARCHITECTS

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ALLEN COUNTY - SCOTTSVILLE HS ATHLETIC FIELDS & FACILITIES

SCOTTSVILLE, KENTUCKY

ELECTRICAL DETAILS

JOB NO.	2459
DATE	3/24/2026
DRAWN	ACG/JTW
CHECKED	JWH

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REVISIONS

No.	Description	Date

SHEET

E9.3

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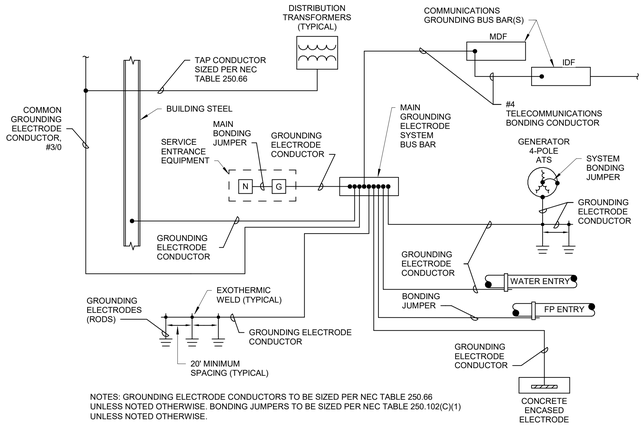
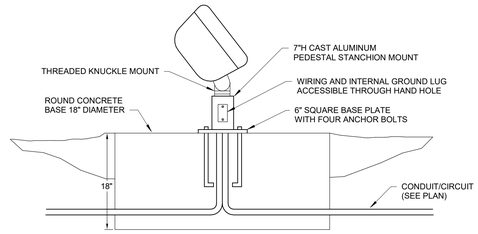


NOTES: GROUNDING ELECTRODE CONDUCTORS TO BE SIZED PER NEC TABLE 250.66 UNLESS NOTED OTHERWISE. BONDING JUMPERS TO BE SIZED PER NEC TABLE 250.102(C)(1) UNLESS NOTED OTHERWISE.

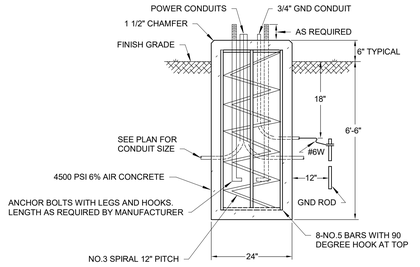
ELECTRICAL SYSTEM GROUNDING DETAIL

NOT TO SCALE



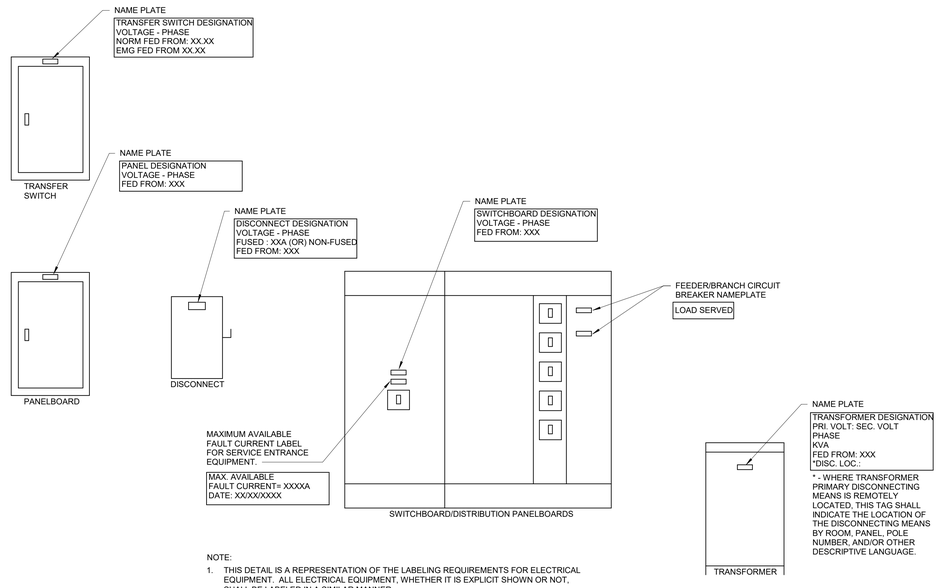
FLOODLIGHT MOUNTING DETAIL

NOT TO SCALE



SHORT POLE BASE DETAIL

NOT TO SCALE



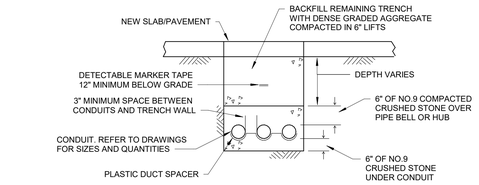
* - WHERE TRANSFORMER PRIMARY DISCONNECTING MEANS IS REMOTELY LOCATED, THIS TAG SHALL INDICATE THE LOCATION OF THE DISCONNECTING MEANS BY ROOM, PANEL, POLE NUMBER, AND/OR OTHER DESCRIPTIVE LANGUAGE.

NOTE:

1. THIS DETAIL IS A REPRESENTATION OF THE LABELING REQUIREMENTS FOR ELECTRICAL EQUIPMENT. ALL ELECTRICAL EQUIPMENT, WHETHER IT IS EXPLICIT SHOWN OR NOT, SHALL BE LABELED IN A SIMILAR MANNER.
2. ALL LABELS SHALL BE ENGRAVED LAMINATED ACRYLIC. THE EQUIPMENT DESIGNATION SHALL HAVE A MINIMUM TEXT HEIGHT OF 3/8". THE REMAINING TEXT SHALL HAVE A MINIMUM HEIGHT OF 1/8".
3. LABELS FOR EQUIPMENT CONNECTED TO THE NORMAL POWER SYSTEM SHALL BE BLACK WITH WHITE TEXT. LABELS FOR EQUIPMENT CONNECTED TO THE EMERGENCY POWER SYSTEM SHALL BE RED WITH WHITE TEXT.
4. NAMEPLATES FOR EQUIPMENT LOCATED IN THE INTERIOR OF THE BUILDING SHALL BE ATTACHED WITH 3M SELF-ADHESIVES. EQUIPMENT INSTALLED AT EXTERIOR OF THE BUILDING SHALL BE ATTACHED WITH SCREWS AND THE LABEL SHALL HAVE PRE-PUNCHED OR PREDRILLED HOLES.

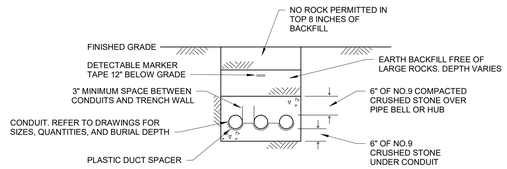
ELECTRICAL EQUIPMENT IDENTIFICATION

NOT TO SCALE



TRENCH DETAIL FOR NEW SLAB/PAVEMENT

NOT TO SCALE



TRENCH DETAIL FOR EARTH COVER

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SCOTTSVILLE, KENTUCKY

ELECTRICAL DETAILS

JOB NO.	2459
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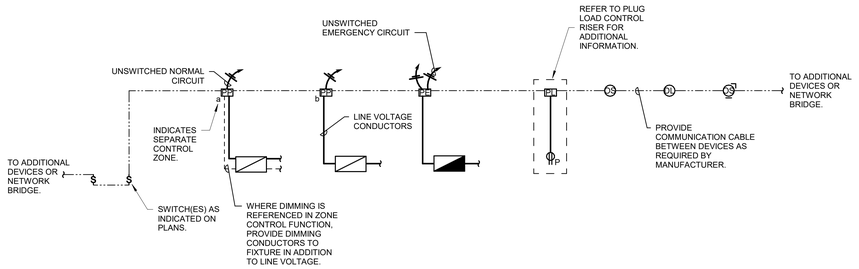
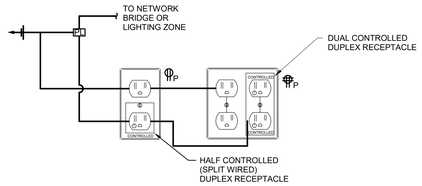


TYPICAL LIGHTING CONTROL RISER

NOT TO SCALE

NOTE: LIGHTING CONTROL RISER SHOWS TYPICAL CONNECTIONS BETWEEN DEVICES AND LIGHT FIXTURES. REFER TO THE FLOOR PLANS FOR QUANTITIES OF DEVICES, LIGHT FIXTURES, AND ZONES.

LIGHTING CONTROL LEGEND	
SYMBOL	DESCRIPTION
$^A	ON/OFF
$^B	ON/OFF, RAISE/LOWER
$^C	2-ZONE, ON/OFF
$^E	2-ZONE, ON/OFF, RAISE/LOWER
$^F	OCCUPANCY SENSOR, ON/OFF
$^G	OCCUPANCY SENSOR, ON/OFF, RAISE/LOWER
$^H	4-ZONE, ON/OFF, RAISE/LOWER
$^L	LOW VOLTAGE SWITCH
PP$_a$	POWER PACK WITH 0-10V DIMMING - 'a' SUBSCRIPT INDICATES ZONE
EP$_a$	EMERGENCY POWER PACK WITH 0-10V DIMMING - 'a' SUBSCRIPT INDICATES ZONE
PL$_a$	PLUG LOAD CONTROL POWER PACK - 'a' SUBSCRIPT INDICATES ZONE
SC	SYSTEM CONTROLLER
UC	USER CONTROLLER
NB	NETWORK BRIDGE
X	LIGHT FIXTURE DRIVER. REFER TO LIGHT FIXTURE SCHEDULE - 'a' SUBSCRIPT INDICATES ZONE CONTROL.
S	RJ45 SPLITTER
PS	POWER SUPPLY
OS	360 DEGREE DUAL TECHNOLOGY OCCUPANCY SENSOR
OSI	CORNER MOUNTED, DUAL TECHNOLOGY OCCUPANCY SENSOR
DL	DAYLIGHT SENSOR
	2#18 DIMMING CONDUCTOR CABLE
	CATEGORY 5E UTP NETWORK CABLE



ZONE CONTROL (NETWORKED SYSTEM)

1. OCCUPIED TIME - 6AM-6PM
2. UNOCCUPIED TIME - 6PM-6AM
3. OCCUPIED TIME

A. AUTO-ON, REMAIN ON.

4. UNOCCUPIED TIME
   - A. AUTO-ON WHEN OCCUPANCY DETECTED
   - B. AUTO-OFF AFTER ON OCCUPANCY DETECTED FOR 15 MINUTES.

ZONE CONTROL (STAND ALONE SYSTEM)

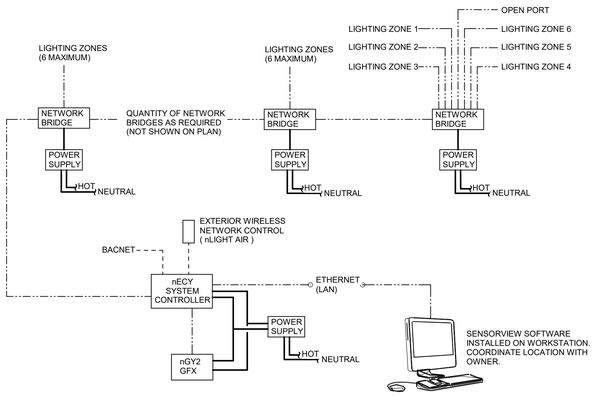
1. AUTO-ON WHEN OCCUPANCY DETECTED
2. AUTO-OFF AFTER ON OCCUPANCY DETECTED FOR 15 MINUTES.

TYPICAL PLUG LOAD CONTROL RISER

NOT TO SCALE

NOTES

1. CONTROLLED RECEPTACLES SHALL BE PERMANENTLY MARKED FROM THE FACTORY.



GENERAL NOTES

A. NETWORK BRIDGES, POWER SUPPLIES AND ASSOCIATED WIRING NOT SHOWN ON PLAN. PROVIDE QUANTITY AND INSTALLATION AS REQUIRED BY SYSTEM MANUFACTURER. LOCATE SYSTEM CONTROLLER IN MDF. INSTALL NETWORK BRIDGES IN MDF, IDF, AND/OR ABOVE ACCESSIBLE PORTIONS OF CEILING AND CONCEALED FROM VIEW.

LIGHTING CONTROL SYSTEM NETWORK

NOT TO SCALE

LIGHTING ZONE CONTROL SCHEDULE

LC-#	SPACE TYPE/FUNCTION	OCCUPANCY SENSOR				TIME CLOCK			WALL SWITCH					DAYLIGHT SENSOR			OTHER		ZONE CONTROL	NOTES
		VACANCY MODE	OCCUPANCY MODE	SENSOR TIMEOUT PERIOD (MINUTES)	DUAL TECHNOLOGY	SCHEDULED ON AT	SCHEDULED OFF AT	SCHEDULE OVERRIDE SWITCH	MANUAL (ON/OFF)	MANUAL DIMMING (0-10V)	KEY SWITCH	SCENE CONTROL	GRAPHICAL TOUCHSCREEN	SWITCHING (ON/OFF)	DIMMING	TARGET LIGHT LEVEL (FC)	EXTERIOR LOCATION	PLUG LOAD CONTROLS		
LC-01	CLASSROOM	X	-	15 MIN	X	-	-	-	X	X	-	X	-	-	X	-	-	-	SCENE 1: ALL ON AT 80% SCENE 2: INSTRUCTIONS WALL ON AT 10%, REMAINDER OF FIXTURES AT 50% SCENE 3: ALL ON AT 50% SCENE 4: ALL ON AT 100%	
LC-02	SMALL OFFICE	X	-	15 MIN	-	-	-	-	X	-	-	-	-	-	X	-	-	X		
LC-03	CORRIDOR	-	X	15 MIN	-	-	-	X	X	-	-	-	-	-	-	-	-	-	2 HR MANUAL OVERRIDE DURING AFTER HOURS LIGHTS TO SWEEP OFF PER TIME OF DAY SCHEDULE	
LC-04	WORKROOM	X	-	15 MIN	X	-	-	-	X	-	-	-	-	-	-	-	-	-		
LC-05	CAFETERIA/GYMNASIUM	-	X	15 MIN	X	-	-	X	X	-	-	-	-	-	X	-	-	-	2 HR MANUAL OVERRIDE DURING AFTER HOURS LIGHTS TO SWEEP OFF PER TIME OF DAY SCHEDULE	

GENERAL NOTES

A. PROVIDE A COMPLETE NETWORKED LIGHTING CONTROL SYSTEM.
B. PROVIDE ALL MATERIAL AND LABOR NECESSARY TO PERFORM THE ZONE CONTROL FUNCTIONS DESCRIBED ABOVE.
C. BOX MARKED WITH 'X' INDICATES THAT ZONE FUNCTION IS REQUIRED.
D. PROVIDE DETAILED LIGHTING CONTROL PLANS, RISERS, ETC. WITH SHOP DRAWING SUBMITTAL.
E. BASIS-OF-DESIGN = nLIGHT; REFER TO SPECIFICATIONS FOR EQUIVALENTS.
F. COORDINATE ALL PROGRAMMED TIME OF DAY SCHEDULES WITH OWNER.
G. POWERPACKS/RELAYS ARE SHOWN ON FLOOR PLANS FOR CLARITY OF CIRCUIT CONNECTIONS; ALL RELAYS SHALL BE INSTALLED ABOVE ACCESSIBLE PORTIONS OF CEILING NEAR MAIN ROOM ENTRY DOOR AND CONCEALED FROM VIEW. FOR CIRCUITS IN HIGH CEILING AREAS, RELAYS SHALL BE LOCATED IN ADJACENT LOWER CEILING SPACES.
H. PROVIDE AUXILIARY POWER PACK OR AUXILIARY CONTACTS IN SENSORS AND CAT5e CABLING CONNECTION FROM ROOM CONTROLLER/RELAY POWER PACK FOR TEMPERATURE CONTROLS CABLING CONNECTIONS. ALL DEVICES AND CABLING SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR WITH THE EXCEPTION OF THE CONNECTION BETWEEN THE AUXILIARY POWER PACK/CONTACTS AND THE TEMPERATURE CONTROLS SYSTEM. COORDINATE ALL REQUIREMENTS WITH TCC AS REQUIRED.
I. ALL LOW-VOLTAGE LIGHTING CONTROLS CABLING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. USE NON-BOOTED CAT5e CABLES FOR INTERCONNECTING NLIGHT DEVICES.
J. THE DETECTION OF OCCUPANCY BY ONE OCCUPANCY SENSOR SHALL ENABLE ALL LIGHTS WITHIN THAT CONTROL ZONE TO OPERATE. CONNECT OCCUPANCY SENSORS TOGETHER AS REQUIRED FOR THIS FUNCTION.
K. PROVIDE MOUNTING BRACKETS AND ADDITIONAL SUPPORTS, HARDWARE, ETC. FOR CEILING MOUNTED SENSORS. DEVICES SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. SUPPORTING DEVICES BY THE CEILING TILE OR GRID IS NOT PERMITTED.
L. PROVIDE ADDITIONAL 25 FEET OF CONTROLS CABLING COILED UP ABOVE CEILING AT EACH OCCUPANCY AND DAYLIGHT SENSOR.
M. WALL STATION BUTTONS SHALL BE PROVIDED WITH CUSTOM ENGRAVED LABELS. EXAMPLE: "ON/OFF", "(UP ARROW)". VERIFY ENGRAVING WITH OWNER/ENGINEER PRIOR TO RELEASE OF SHOP DRAWINGS.
N. WHERE MULTIPLE CONTROL ZONES ARE PRESENT IN SINGLE ROOM/AREA, PROVIDE ENGRAVING ON EACH WALL STATION INDICATING THE ZONE BEING CONTROLLED. EXAMPLE: "CHECKOUT DESK", "CLASSROOM AREA". VERIFY ENGRAVING WITH OWNER/ENGINEER PRIOR TO RELEASE OF SHOP DRAWINGS. POWER PACKS SHALL BE LABELED WITH CORRESPONDING LETTERING ON PERMANENT LAMACOID LABELS.

NOTES:

1. LIGHTS SHALL AUTOMATICALLY TURN ON AT 50% AND TURN OFF WHEN THE SPACE IS VACANT.
2. LIGHTS SHALL AUTOMATICALLY TURN ON AT 100%, DIM TO 30% WHEN UNOCCUPIED, AND TURN OFF AFTER 5 MINUTES OF ADDITIONAL VACANCY.
3. LIGHTS SHALL TURN ON AT DUSK AND TURN OFF AT CLOSE OF BUSINESS. IN THE MORNING, LIGHTS SHALL TURN ON AT TIME OF EXPECTED OCCUPANCY AND TURN OFF AT DAWN.

IS AVAILABLE ALL BE ADDITIONALLY CONTROLLED BY A DEVICE THAT AUTOMATICALLY TURNS OFF (OR DISABLES) ARTIFICIAL LIGHTING WHEN SUFFICIENT DAYLIGHT

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SCOTTSVILLE, KENTUCKY

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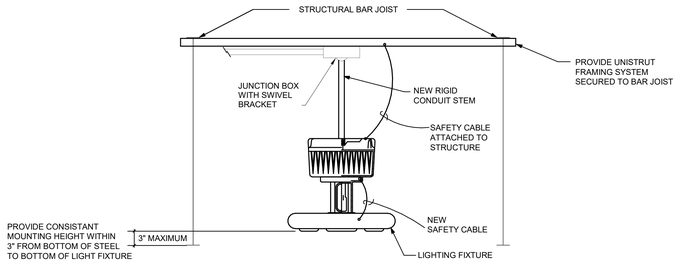
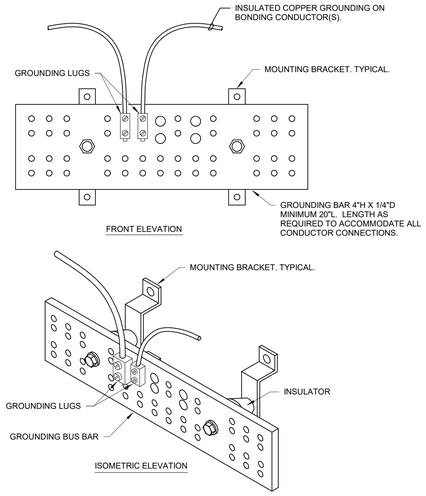


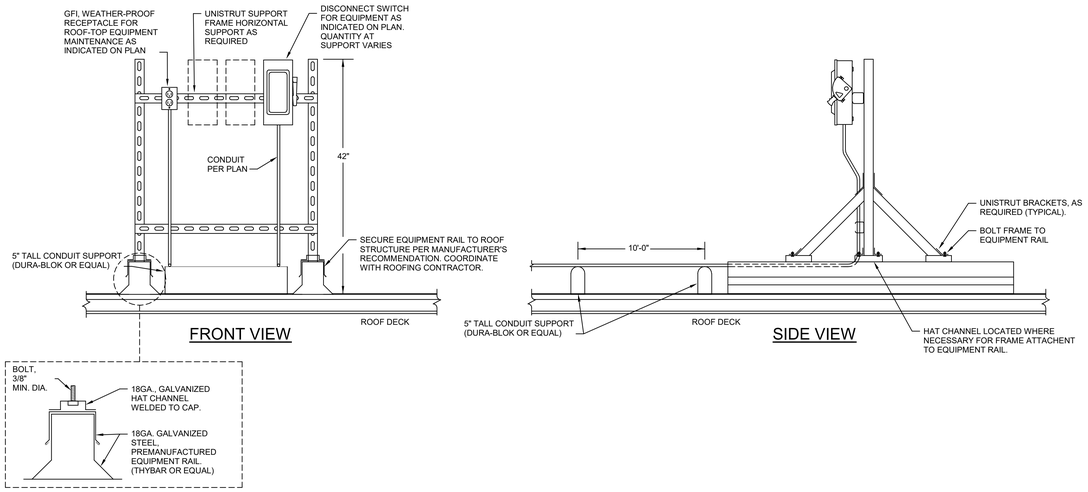
5 HIGHBAY LIGHTING DETAIL

SCALE: 12" = 1'-0"



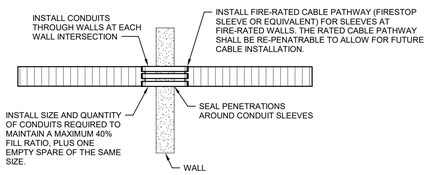
1 GROUND BAR DETAIL

SCALE: 12" = 1'-0"



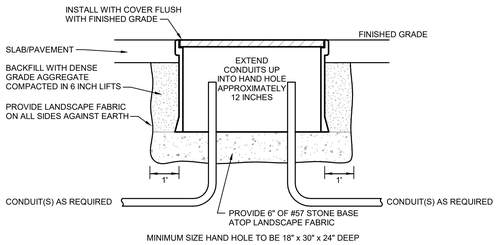
4 ROOF-TOP EQUIPMENT MOUNTING DETAIL

SCALE: 1" = 1'-0"



2 CABLE TRAY WALL PENETRATION DETAIL

SCALE: 12" = 1'-0"



3 HANDHOLE DETAIL (PAVEMENT)

SCALE: 12" = 1'-0"

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