TRACE CREEK CONSTRUCTION, INC.
127 Market Street | P.O. Box 539
Vanceburg, Kentucky 41179
Phone: 606.796.3867 | Fax: 606.796.3948
www.tracecreek.net

WCHS Track and Field: Change Order #04 Summary

1.) Additional Requested Days

- **(36 Days) PR 06 Bleachers- Musco lighting lead-time up to 12 weeks from approval.**

Total Additional Days Requested: 36

Updated Substantial Completion Date: 2/10/2025

2.) PR #05 Electrical at Fence

Provide credit to delete conduit, wiring and devices for receptacles shown along fence.

02-04 Rising Sun Developing

- Total Cost Deduct: -($1,376.66)

Total Deduct: -($1,376.66)

3.) PR #06 Bleachers

Add 4" and 6" concrete, foundations, site drainage, and utilities for a future 2,485 person grandstand.

05-01 Olympic Construction

- Total Cost Add: $306,035.70

Total Add: $306,035.70

CO#04 Total Cost Add = $304,659.04

rosstarrant architects

PROPOSAL REQUEST

DATE:	10/17/2024	PR #:	PR 006
TO:	Clay Ratliff – Trace Creek Construction	RE:	Woodford County Board of Education Versailles, Kentucky BG 19-353 RTA 1916 Phase 2

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described therein.
THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Please provide labor and material pricing breakdown for review.

DESCRIPTION:

1. Refer to SA1.2 – SITE LAYOUT AND DEVELOPMENT PLAN:
   a) Add 4" and 6" concrete pavement as shown for bleachers.
   b) Add bleacher structure.
   c) Add gravel pavement under bleachers as shown.
   d) Sod area around bleachers as shown.
   e) Relocate light poles to be 122' O.C. from the 50-yard line.

2. Refer to SA2.1 – SITE GRADING AND DRAINAGE PLAN:
   a) Modify grading and drainage layout as shown.

3. Refer to SA2.2 – SITE GRADING PLAN:
   a) Slope new pavement at a 1% from north to south.
   b) Slope area under bleachers at 2% to low point.
   c) Modify swales to not be under bleachers.
   d) Raise rim/ground elevation over DS-34.

4. Refer to SA2.3 – SITE DRAINAGE PLAN:
   a) Add perforated piping under bleachers as shown. Space perf pipes 20' minimum O.C. Space around bleacher foundations.
   b) Relocate manhole DS-34 along the outgoing pipe. Adjust piping length and add risers to manhole to meet new grade/rim elevation.
   c) Tie perforated piping to DS-34 and DS-85. Seal penetrations to be watertight.

5. Refer to SA4.3:
   a) Add stone section detail as shown.

6. Refer to the revised site utility drawings UE2.1:
   a) Add infrastructure to support pressbox and videoboard.

7. Add devices and equipment per E1.2 pressbox plans.

8. Add electrical equipment to support pressbox and videoboard per E2.0 one-line diagram.

9. Add pressbox communication riser and modify fiber one-line diagram to support pressbox and videoboard.

10. Provide a separate price to perform the following work: Upgrade athletic field lighting system to be 50FC.

Attachments:

SA1.2, SA2.1, SA2.2, SA2.3, SA4.3, UE2.1, E1.2, E2.0, E3.0,
ST110

Prepared By:

Chandler Sergent, AIA Associate

/cs

c: Sarah Lamere, Michael Hughes – RTA
Clay Ratliff -Trace Creek
Shane Smith – Woodford County Schools
File 1916-4B
PR 006

SITE DEVELOPMENT TAGS

0. EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.
   - (a) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS
   - (b) TREE/VEGETATION TO REMAIN.
   - (c) UTILITY TO REMAIN.
   - (d) SIGN TO REMAIN.
   - (e) FENCING TO REMAIN.
   - (f) STORM LINE/STRUCTURE TO REMAIN

1. STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
   - (a) BUILDING CANOPY. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
   - (b) BLEACHERS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

2. CONCRETE PAVEMENT (321313, 321373)
   - (a) 4" CONCRETE WALK. SEE DETAIL B/SA4.2
   - (b) 6" CONCRETE WALK. SEE DETAIL B/SD4.2
   - (c) **ALTERNATE #4:** 6" CONCRETE BLEACHER PAD. SEE DETAIL B/SA4.2

3. ASPHALT PAVEMENT (321216)
   - (a) ASPHALT RUNNING TRACK PAVEMENT. SEE DETAIL A/SA4.2.
   - (b) LIGHT DUTY ASPHALT PAVEMENT. SEE DETAIL A/SA4.2.

4. FLAG POLE. SEE DETAIL E/SA4.2. (107500)

5. CONCRETE CURBS (321313, 321613, 321726)
   - (a) 8" FLUSH HEADER CURB AT SYNTHETIC TURF. SEE DETAIL D/SA4.2
   - (b) 6" FLUSH HEADER CURB HEADER CURB. SEE DETAIL C/SA4.2
   - (c) 6" HEIGHT HEADER CURB. SEE DETAIL C/SA4.2
   - (d) 1'-0" W x 1'-0" D CONCRETE FENCE BAND. SEE DETAIL G/SA4.2.
   - (e) ACCESSIBLE DROPPED CURB, TYPE 'A' MODIFIED RAMP. SEE DETAIL F/SA4.2

6. UTILITY STRUCTURE. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.

7. ATHLETIC EQUIPMENT (116833.14)
   - (a) FOOTBALL GOAL POST PACK.
   - (b) SOCCER GOAL AND NET.
   - (c) FOOTBALL PYLON
   - (d) SOCCER CORNER FLAG
   - (e) LONG/TRIPLE JUMP TAKE OFF BOARD. SEE DETAIL A/SA4.3
   - (f) POLE VAULT BOX. SEE DETAIL C/SA4.3
   - (g) **ALTERNATE #3:** POLE VAULT PAD AS SPECIFIED.
   - (h) **ALTERNATE #3:** POLE VAULT STANDARDS AS SPECIFIED.
   - (i) **ALTERNATE #3:** HIGH JUMP PAD AS SPECIFIED.
   - (j) **ALTERNATE #3:** HIGH JUMP STANDARDS AS SPECIFIED.

8. SHOT PUT PAD, TOE BOARD AND THROW FORM. SEE DETAIL I/SA4.3. (116833.43, 321313)
   - (a) SHOT PUT LANDING AREA. SEE DETAIL H/SA4.3.

9. LONG JUMP/TRIPLE JUMP LANDING PIT. SEE DETAIL B/SA4.3.

10. DISCUS CAGE AND RING. SEE DETAIL Q/SA4.2.

11. SYNTHETIC TURF (321823.29). FINAL COLORS TO BE SUBMITTED FOR APPROVAL BY ARCHITECT AND OWNER.
    - (a) FIELD AREA. COLORS TO BE ALTERNATING GREEN.
    - (b) CENTER FIELD LOGO. SEE DETAIL F/SA4.3
    - (c) END ZONE TEXT. SEE DETAIL D/SA4.3
    - (d) FOOTBALL FIELD NUMBERS AND MARKINGS. WHITE. SEE DETAIL E/SA4.3
    - (e) SOCCER FIELD MARKINGS. COLOR TO BE YELLOW.
    - (f) LACROSSE FIELD MARKING TICKS. COLOR TO BE BLACK.
    - (g) FOOTBALL TEAM AREA. COLOR TO BE BLACK

12. SYNTHETIC RUNNING TRACK SURFACING, STRIPING AND MARKINGS (321823.33)

13. VINYL COATED CHAIN LINK FENCING (323113)
    - (a) 3'-6" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL K/SA4.2.
    - (b) 3'-6" HEIGHT,12'-0" WIDTH VINYL COATED CHAIN LINK DOUBLE GATE. SEE DETAIL L/SA4.2.
    - (c) 3'-6" HEIGHT,6'-0" WIDTH VINYL COATED CHAIN LINK GATE. SEE DETAIL M/SA4.2.
    - (d) **ALTERNATE #4:** 6'-0" HEIGHT VINYL COATED CHAIN LINK FENCE. SEE DETAIL J/SA4.2.
    - (e) **ALTERNATE #4:** 6'-0" HEIGHT,12'-0" WIDTH VINYL COATED CHAIN LINK DOUBLE GATE. SEE DETAIL L/SA4.2.
    - (f) **ALTERNATE #5:** 8'-0" HEIGHT FENCE. SEE DETAIL N/SA4/2.
    - (g) **ALTERNATE #5:** 8'-0" HEIGHT, 24'-0" WIDTH VINYL COATED CHAIN LINK DOUBLE GATE . SEE DETAIL O/SA4.2.

14. STOP SIGN (101453). SEE DETAIL H/SA4.2.

15. PAINTED PAVEMENT MARKINGS. (321723.13)
    - (a) PAINTED TRAFFIC STOP BAR, 12"X12", WHITE.

16. GRAVEL PAVEMENT. SEE DETAIL J/SA4.3.
    - (a) STONE SECTION UNDER BLEACHERS. SEE DETAIL K/SA4.3

LEGEND

- 4" CONCRETE PAVEMENT
- 6" CONCRETE PAVEMENT
- TRACK ASPHALT AND CUSHION SURFACE
- LIGHT DUTY ASPHALT PAVEMENT
- SYNTHETIC TURF
- SODDED AREA

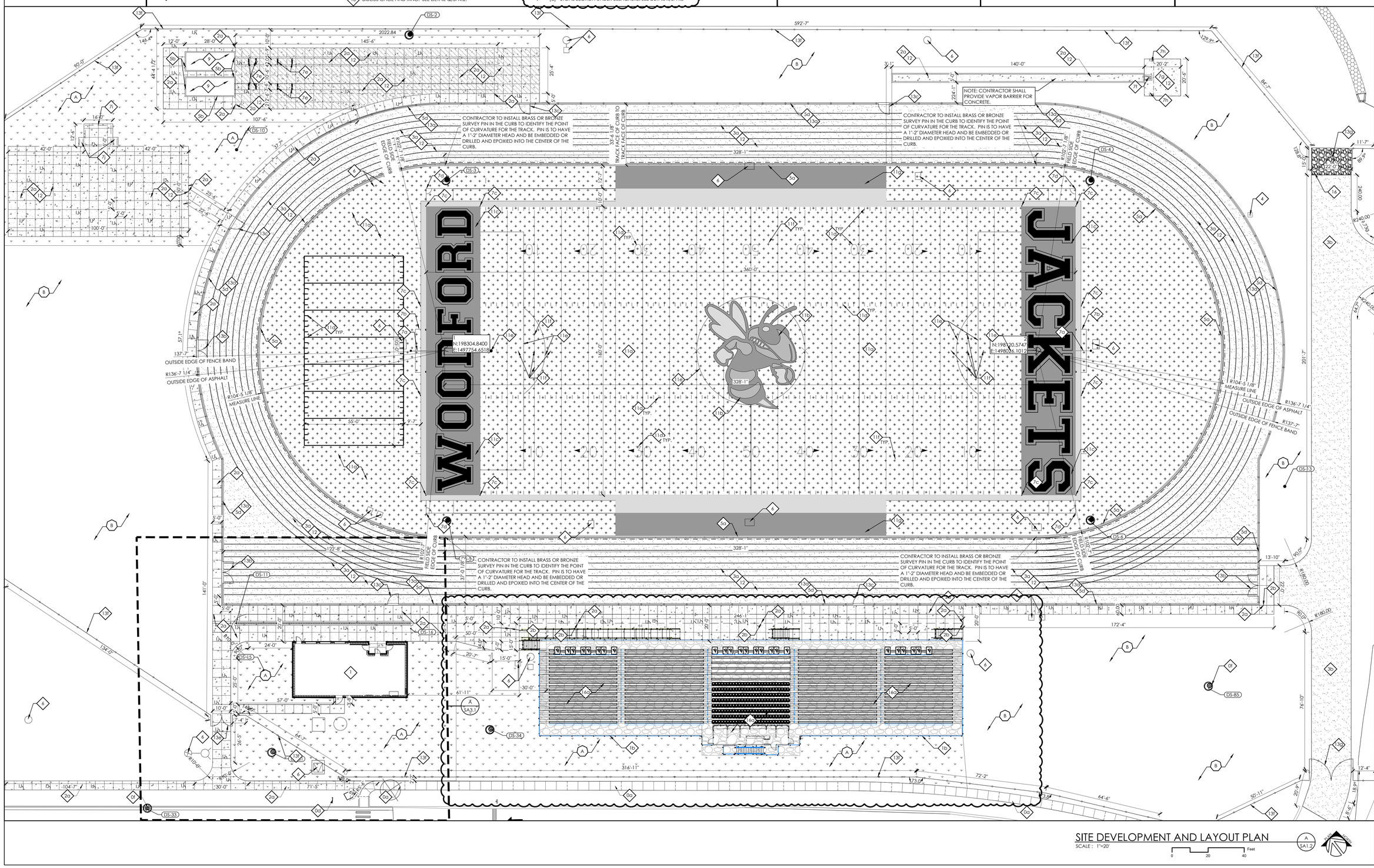
LANDSCAPE TAGS

A. SOD ENTIRE AREA BETWEEN PAVEMENTS AND/OR BUILDING (329223)

B. SEED AND MULCH PER SPECIFICATIONS. PROVIDE EROSION CONTROL NETTING PER SPECIFICATIONS (329219).

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY S&ME 2020 LIBERTY ROAD SUITE 105 LEXINGTON KY 40505. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECTS 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.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING AND CONSTRUCTION FENCING/STAGING.



SITE DEVELOPMENT AND LAYOUT PLAN

SCALE : 1"=20'

0 20 40 Feet

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

M.E.&P. Engineer:
CMTA, Inc.
2429 Members Way
Lexington, KY 40504
p 859.253.0892

Structural Engineer:
Structural Design Group, Inc.
220 Great Circle Rd. Suite 106
Nashville, TN 37228
p 615.255.5537

Construction Manager:
Trace Creek Construction, Inc.
127 Market Street, Suite 200
PO Box 539
Vanceburg, KY 41179-0539
p 606.796.3867

BG# 23-120

Project No:	1916
Drawn By:	ELM/EGS
Rev'd By:	MBM/KAM

SHEET RELEASE		
1	11/29/22	ADDENDUM #1
2	06/21/23	PR #1
3	05/28/24	PR #004
4		
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SA1.2

SITE DEVELOPMENT AND LAYOUT PLAN

DATE ISSUED: 10/28/2022

SITE DEVELOPMENT AND LAYOUT PLAN
PHASE 2 PRACTICE FIELD & TRACK
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike , Kentucky 40383

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS. SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%)
4. ALL PERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF TWO PERCENT (2 %) AND A MAXIMUM SLOPE OF THIRTY-THREE PERCENT (33%) EXCEPT WHERE SHOWN.
5. SLOPE PERVIOUS SURFACES MIN. 5 % AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
8. PROTECT AREAS TO BE SEEDED AS FOLLOWS:
   A) DITCHES AND DRAINAGE SWALES ARE TO RECEIVE HIGH-VELOCITY EROSION-CONTROL BLANKETS.
   B) SLOPES 4:1 (H:V) OR GREATER ARE TO RECEIVE LONG- TERM EROSION-CONTROL BLANKETS.
   C) SLOPES BETWEEN 4:1 AND 6:1 (H:V) ARE TO RECEIVE SHORT-TERM EROSION CONTROL BLANKETS.
   D) SLOPES BELOW 6:1 (H:V) ARE TO RECEIVE STRAW MULCH PER THE SPECIFICATIONS. DO NOT USE HAY.
9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED, AND MULCHED PER THE SPECIFICATIONS.
10. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.
11. COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT:

    A) UNDER FLOOR SLABS AND FOUNDATIONS ON STRUCTURAL FILL - 98%
    B) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98%
    C) PAVED AREAS AND WALKS - 95%
    D) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%
12. ALL TREES THAT ARE IDENTIFIED BY THE ARCHITECT TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TREES LOCATED OUTSIDE OF AREAS IDENTIFIED TO BE RE-GRADED ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
13. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
14. EXCESS SATISFACTORY SOILS ARE TO BE DISPOSED OF OFF SITE.
15. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. SEE SHEET SA0.1 AND DETAIL J/SA4.1 FOR ADDITIONAL INFORMATION.

SITE STORM DRAINAGE NOTES

1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE REINFORCED CONCRETE. ALL PE PIPE SHALL BE DUAL WALL POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL, OR EQUIVALENT AS APPROVED IN THE SPECIFICATIONS. ALL STORM PIPING SHALL BE INSTALLED AT A CONSTANT, POSITIVE SLOPE FROM INLET CONNECTION TO DISCHARGED CONNECTION. PIPE SLOPE IS TO BE 0.5% MINIMUM.
2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.
3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.
4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.
5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.
7. ALL ROOF DRAINS AND DOWNSPOUTS, INCLUDING CANOPY DOWNSPOUTS, ARE TO BE PIPED UNDERGROUND AND CONNECTED TO STORM WATER STRUCTURES. DOWNSPOUT BOOT AND DOWNSPOUT SIZES ARE TO BE COORDINATED WITH THE MANUFACTURERS AND INSTALLERS OF EACH ITEM. CLEANOUTS ARE TO BE LOCATED AT EACH CHANGE IN DIRECTION OF THE PIPING. ENSURE CLEANOUTS ARE DESIGNED FOR AUTOMOBILE TRAFFIC, AND ARE FLUSH WITH THE SURROUNDING SURFACES.
8. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECTS WRITTEN APPROVAL IN ORDER TO AVOID UNFORESEEN CONDITIONS OR OTHER CONSTRUCTION CONFLICTS. CONTRACTOR IS TO COORDINATE STORM SEWER INSTALLATION WITH ALL OTHER TRADES AND WORK.

LEGEND

- (DS-#) DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.
- (D.S.) DOWNSPOUT BOOT (334993). SEE DETAIL C/SA4.1

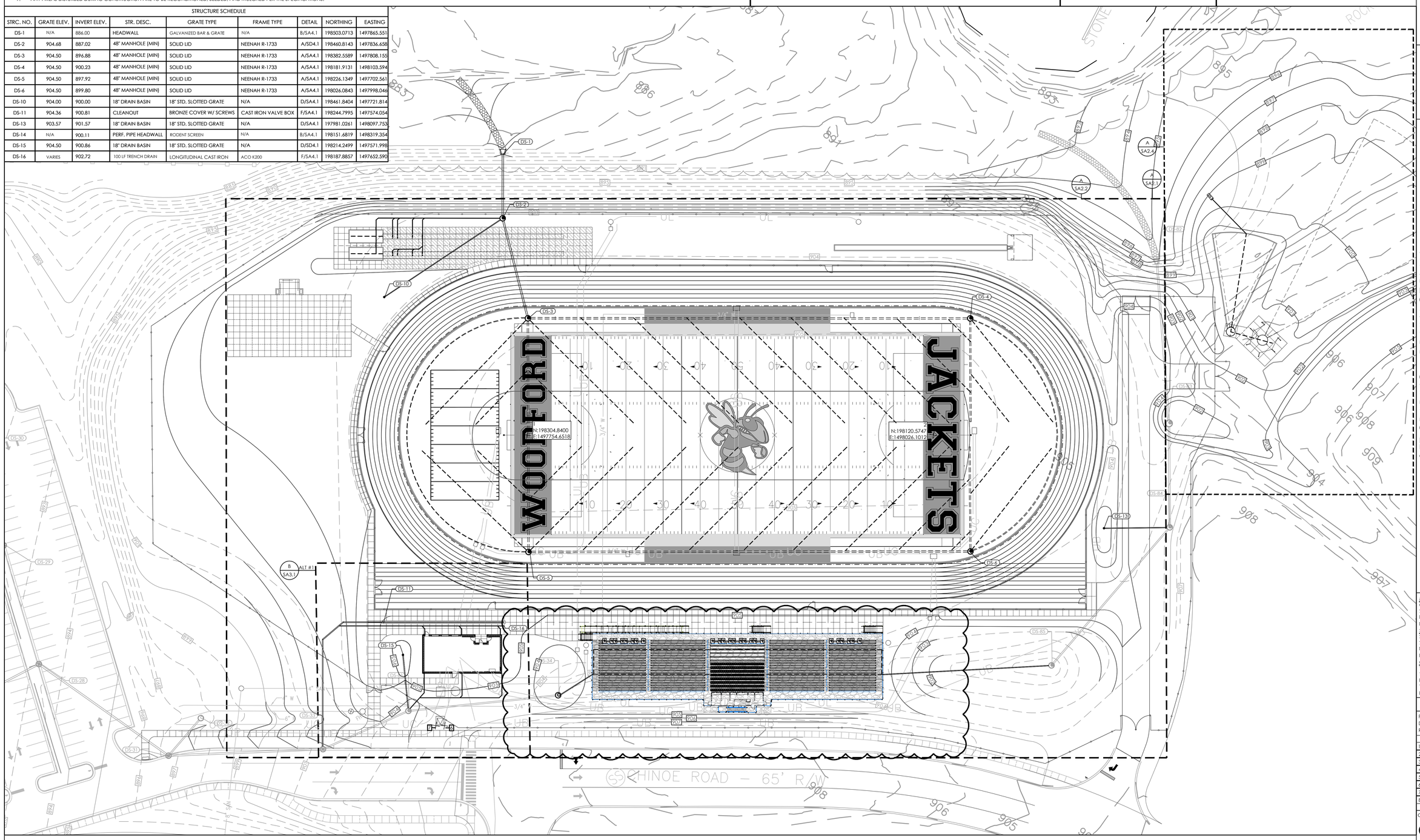
TC - TOP OF CURB
BC - BOTTOM OF CURB
FFE - FINISHED FLOOR ELEVATION

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY S&ME, 2020 LIBERTY ROAD SUITE 105, LEXINGTON, KY, 40505. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECTS 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.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

STRUCTURE SCHEDULE

STRC. NO.	GRATE ELEV.	INVERT ELEV.	STR. DESC.	GRATE TYPE	FRAME TYPE	DETAIL	NORTHING	EASTING
DS-1	N/A	886.00	HEADWALL	GALVANIZED BAR & GRATE	N/A	B/SA4.1	198503.0713	1497865.551
DS-2	904.68	887.02	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SD4.1	198460.8143	1497836.658
DS-3	904.50	896.88	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SA4.1	198382.5589	1497808.155
DS-4	904.50	900.23	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SA4.1	198181.9131	1498103.594
DS-5	904.50	897.92	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SA4.1	198226.1349	1497702.561
DS-6	904.50	899.80	48" MANHOLE (MIN)	SOLID LID	NEENAH R-1733	A/SA4.1	198026.0843	1497998.046
DS-10	904.00	900.00	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	D/SA4.1	198461.8404	1497721.814
DS-11	904.36	900.81	CLEANOUT	BRONZE COVER W/ SCREWS	CAST IRON VALVE BOX	F/SA4.1	198244.7995	1497574.054
DS-13	903.57	901.57	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	D/SA4.1	197981.0261	1498097.753
DS-14	N/A	900.11	PERF. PIPE HEADWALL	RODENT SCREEN	N/A	B/SA4.1	198151.6819	1498319.354
DS-15	904.50	900.86	18" DRAIN BASIN	18" STD. SLOTTED GRATE	N/A	D/SD4.1	198214.2499	1497571.998
DS-16	VARIES	902.72	100 LF TRENCH DRAIN	LONGITUDINAL CAST IRON	ACO K200	F/SA4.1	198187.8857	1497652.590



SITE GRADING & DRAINAGE PLAN

SCALE : 1"=30'

A SA2.1

0 30 60 Feet

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

10/28/2022

SITE GRADING & DRAINAGE PLAN
WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike , Kentucky 40383

M.E &P Engineer:
CMTA, Inc.
2429 Members Way
Lexington, KY 40504
p 859.253.0892

Structural Engineer:
Structural Design Group, Inc.
220 Great Circle Rd. Suite 106
Nashville, TN 37228
p 615.255.5537

Construction Manager:
Trace Creek Construction, Inc.
127 Market Street, Suite 200
PO Box 539
Vanceburg, KY 41179-0539
p 606.796.3867

BG# 23-120

Project No:	1916
Drawn By:	ELM/EGS
Rev'd By:	MBM/KAM

SHEET RELEASE

1	11/29/22	ADDENDUM #1
2	6/21/23	PR 01
3	5/29/24	PR04
4	10/17/24	PR 06
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SA2.1

SITE GRADING AND DRAINAGE PLAN

DATE ISSUED:
10/28/2022

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS, SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%)
4. ALL PERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF TWO PERCENT (2 %) AND A MAXIMUM SLOPE OF THIRTY-THREE PERCENT (33%) EXCEPT WHERE SHOWN.
5. SLOPE PERVIOUS SURFACES MIN. 5 % AND IMPERVIOUS SURFACES MIN. 1% AWAY FROM BUILDING FOUNDATIONS.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
7. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
8. PROTECT AREAS TO BE SEEDED AS FOLLOWS:
   A) DITCHES AND DRAINAGE SWALES ARE TO RECEIVE HIGH-VELOCITY EROSION-CONTROL BLANKETS.
   B) SLOPES 4:1 (H:V) OR GREATER ARE TO RECEIVE LONG- TERM EROSION-CONTROL BLANKETS.
   C) SLOPES BETWEEN 4:1 AND 6:1 (H:V) ARE TO RECEIVE SHORT-TERM EROSION CONTROL BLANKETS.
   D) SLOPES BELOW 6:1 (H:V) ARE TO RECEIVE STRAW MULCH PER THE SPECIFICATIONS. DO NOT USE HAY.
9. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.
10. COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT:

A) UNDER FLOOR SLABS AND FOUNDATIONS ON STRUCTURAL FILL - 98%
B) FILLS ON EXISTING SOILS, ROCK CUTS OR SHOT-ROCK FILL - 98%
C) PAVED AREAS AND WALKS - 95%
D) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%

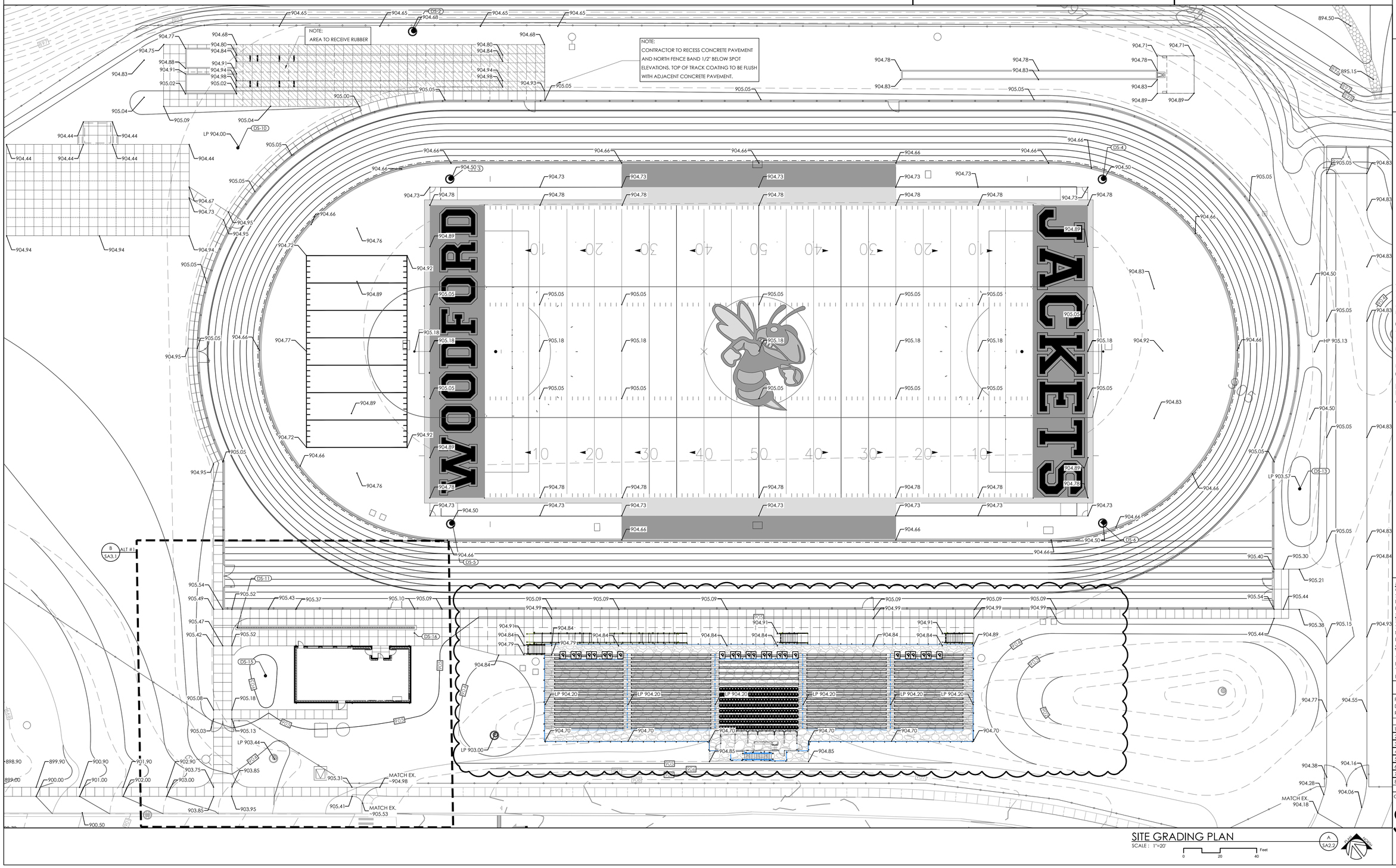
11. ALL TREES THAT ARE IDENTIFIED BY THE ARCHITECT TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TREES LOCATED OUTSIDE OF AREAS IDENTIFIED TO BE RE-GRADED ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
12. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
13. EXCESS SATISFACTORY SOILS ARE TO BE DISPOSED OF OFF-SITE.
14. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.
15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO SA0.1 AND DETAIL J/SA4.1 FOR ADDITIONAL INFORMATION.

SPOT ELEVATION LEGEND

TC - TOP OF CURB
BC - BOTTOM OF CURB
FFE - FINISHED FLOOR ELEVATION

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY S&ME, 2020 LIBERTY ROAD, SUITE 105, LEXINGTON, KENTUCKY 40505. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. 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.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING, AND LEED SPECIFIC REQUIREMENTS.



SITE GRADING PLAN

SCALE : 1"=20'

0 20 40 Feet

A SA2.2

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

10/28/2022

SITE GRADING PLAN

WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK

FOR:

WOODFORD COUNTY BOARD OF EDUCATION

330 Pisgah Pike , Kentucky 40383

M.E.&P Engineer:
CMTA, Inc.
2429 Members Way
Lexington, KY 40504
p 859.253.0892

Structural Engineer:
Structural Design Group, Inc.
220 Great Circle Rd. Suite 106
Nashville, TN 37228
p 615.255.5537

Construction Manager:
Trace Creek Construction, Inc.
127 Market Street, Suite 200
PO Box 539
Vancaburg, KY 41179-0539
p 606.796.3867

BG# 23-120

Project No:	1916
Drawn By:	ELM/EGS
Rev'd By:	NBM/KAM

SHEET RELEASE		
1	11/29/22	ADDENDUM #1
2	6/21/23	PR01
3	5/29/24	PR04
4		
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SA2.2

SITE GRADING PLAN

DATE ISSUED:
10/28/2022

SITE STORM DRAINAGE NOTES

1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE REINFORCED CONCRETE. ALL PE PIPE SHALL BE DUAL WALL POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL, OR EQUIVALENT AS APPROVED IN THE SPECIFICATIONS. ALL STORM PIPING SHALL BE INSTALLED AT A CONSTANT, POSITIVE SLOPE FROM INLET CONNECTION TO DISCHARGED CONNECTION. PIPE SLOPE IS TO BE 0.5% MINIMUM.
2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.
3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.
4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.
5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.
7. ALL ROOF DRAINS AND DOWNSPOUTS, INCLUDING CANOPY DOWNSPOUTS, ARE TO BE PIPED UNDERGROUND AND CONNECTED TO STORM WATER STRUCTURES. DOWNSPOUT BOOT AND DOWNSPOUT SIZES ARE TO BE COORDINATED WITH THE MANUFACTURERS AND INSTALLERS OF EACH ITEM. CLEANOUTS ARE TO BE LOCATED AT EACH CHANGE IN DIRECTION OF THE PIPING. ENSURE CLEANOUTS ARE DESIGNED FOR AUTOMOBILE TRAFFIC, AND ARE FLUSH WITH THE SURROUNDING SURFACES.
8. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECTS WRITTEN APPROVAL IN ORDER TO AVOID UNFORESEEN CONDITIONS OR OTHER CONSTRUCTION CONFLICTS. CONTRACTOR IS TO COORDINATE STORM SEWER INSTALLATION WITH ALL OTHER TRADES AND WORK.

LEGEND

- (DS-#) DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.
- (D.S.) DOWNSPOUT BOOT (334993). SEE DETAIL C/SA4.1

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY S&ME, 2020 LIBERTY ROAD, SUITE 105, LEXINGTON, KENTUCKY, 40505. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. 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.
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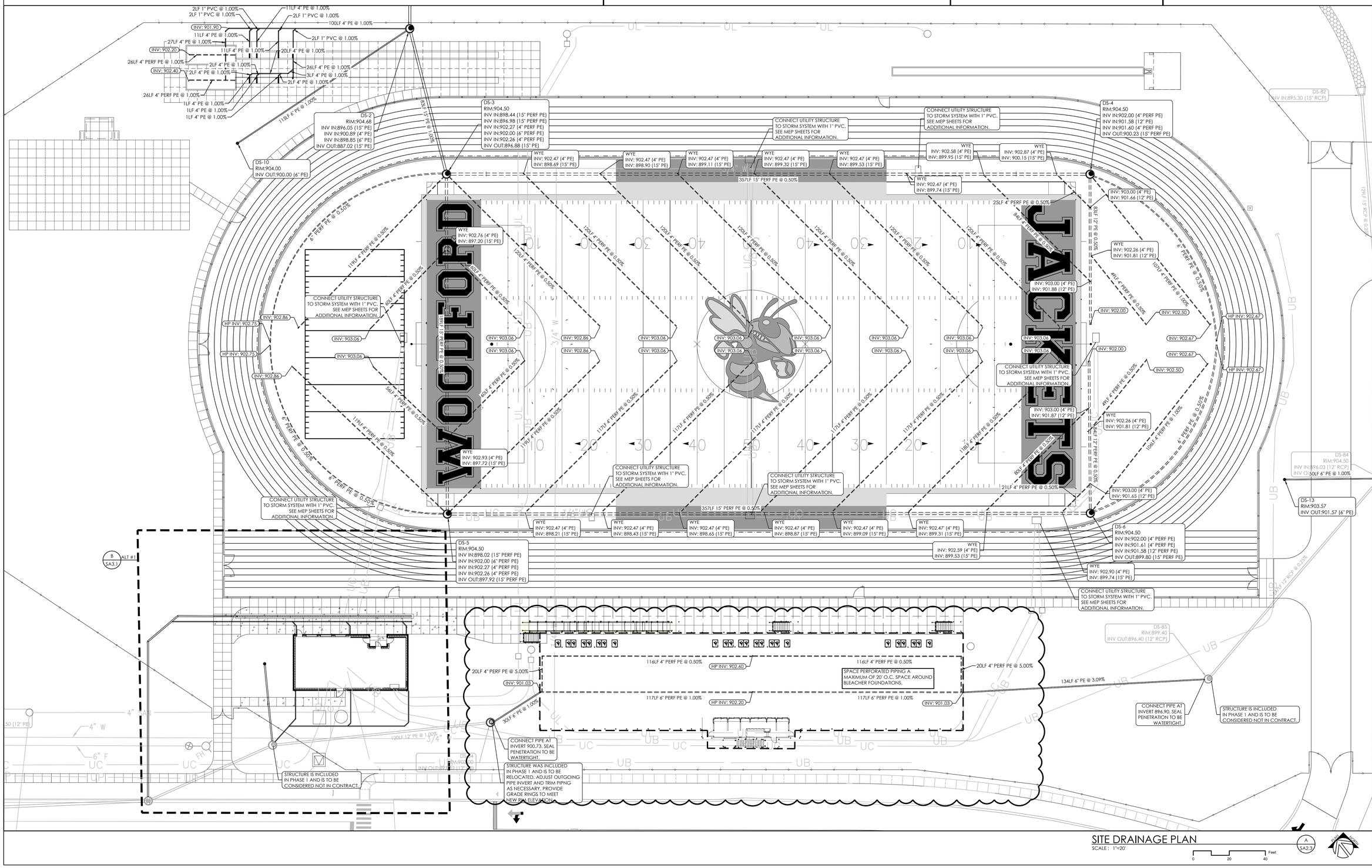

SITE DRAINAGE PLAN

SCALE : 1"=20'

0 20 40 Feet

A SA2.3

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

10/28/2022

SITE DRAINAGE PLAN
WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike , Kentucky 40383

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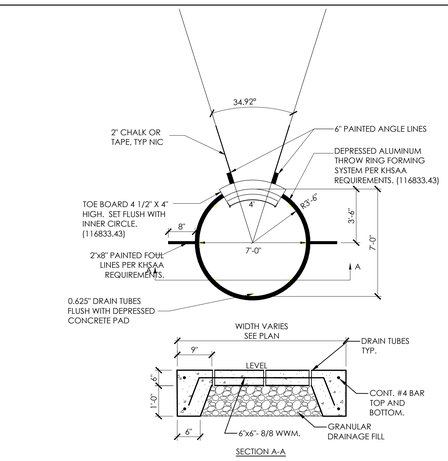
CONSTRUCTION DOCUMENTS

SA2.3

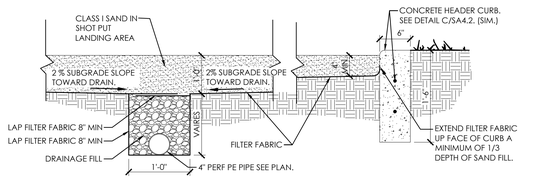
SITE DRAINAGE PLAN

DATE ISSUED:
10/28/2022



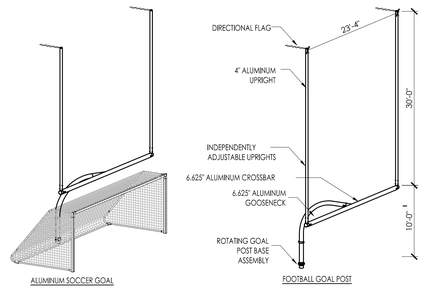
SHOT PUT PAD AND RING

SCALE : N.T.S. — I SA4.2



SHOT PUT LANDING AREA

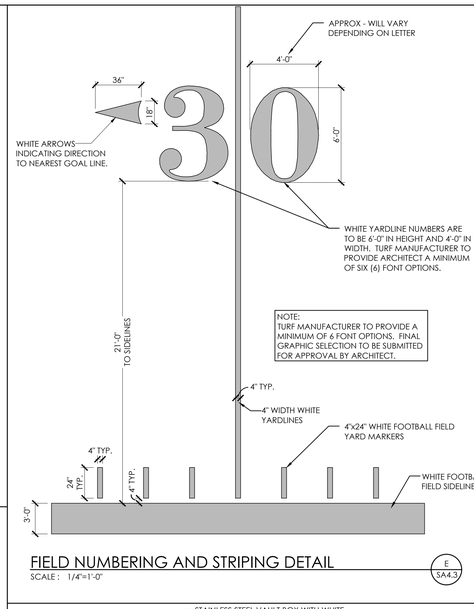
SCALE : NTS — H SA4.2



PROVIDE 2 GOAL POSTS. PROVIDE A GOAL POST PAD WITH EACH FOOTBALL GOAL POST. COLORS TO BE CHOSEN BY THE OWNER.

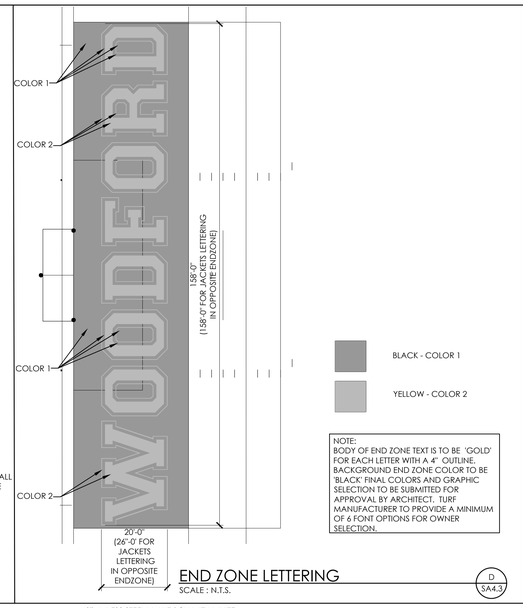
FOOTBALL GOAL POST AND SOCCER GOAL (116833.23)

SCALE : N.T.S — G SA4.3



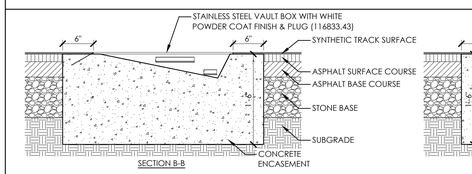
FIELD NUMBERING AND STRIPING DETAIL

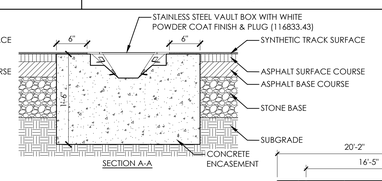
SCALE : 1/4"=1'-0" — E SA4.3

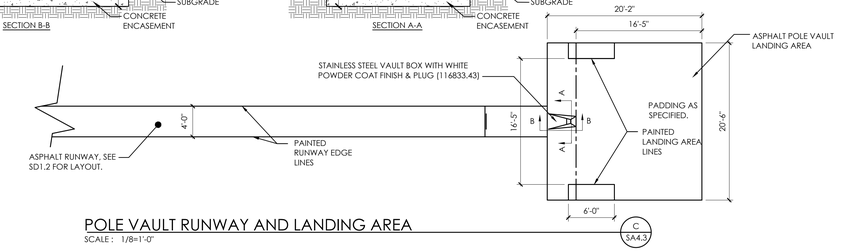


END ZONE LETTERING

SCALE : N.T.S. — D SA4.3

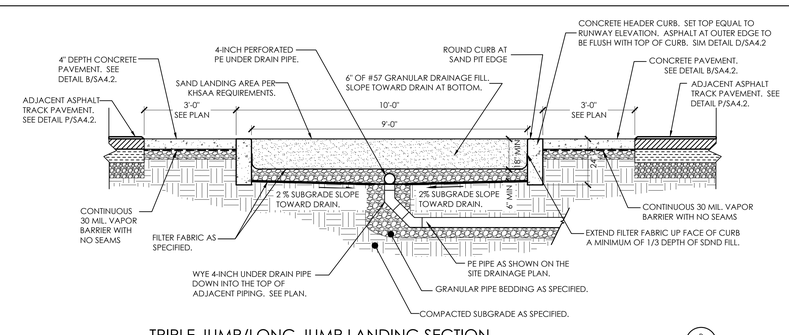






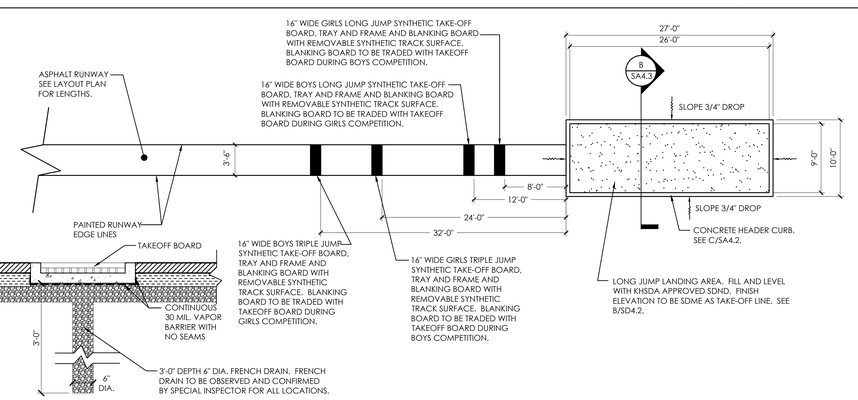
POLE VAULT RUNWAY AND LANDING AREA

SCALE : 1/8=1'-0" — C SA4.3



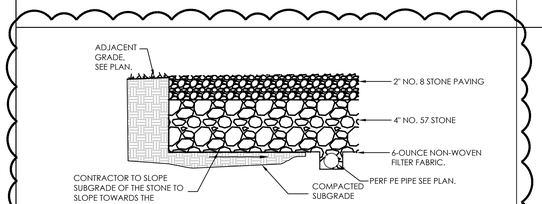
TRIPLE JUMP/LONG JUMP LANDING SECTION

SCALE : 1/2=1'-0" — B SA4.3



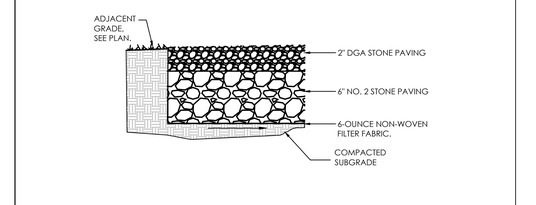
TRIPLE JUMP/LONG JUMP RUNWAY AND LANDING AREA

SCALE : 1/8=1'-0" — A SA4.3



STONE SECTION

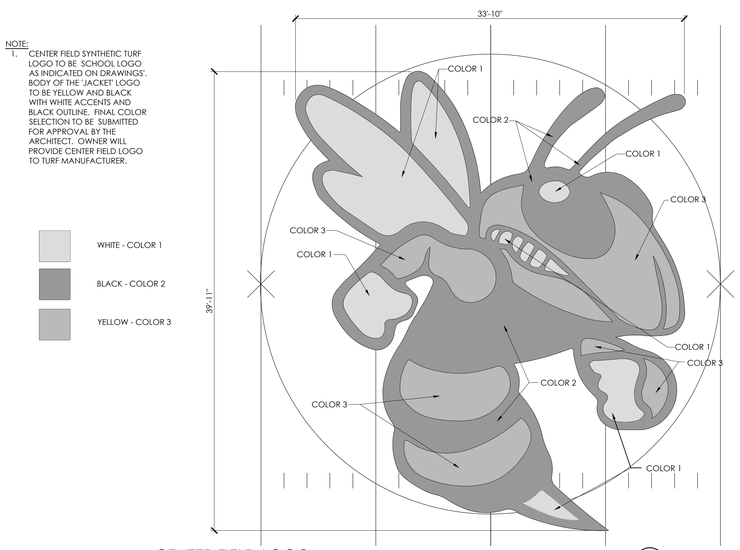
SCALE : N/A — K SA4.3



GRAVEL ROADWAY

SCALE : N/A — J SA4.3

NOTE:
1. CENTER FIELD SYNTHETIC TURF LOGO TO BE SCHOOL LOGO AS INDICATED ON DRAWINGS. BODY OF THE 'JACKET' LOGO TO BE YELLOW AND BLACK WITH WHITE ACCENTS AND BLACK OUTLINE. FINAL COLOR SELECTION TO BE SUBMITTED FOR APPROVAL BY THE ARCHITECT. OWNER WILL PROVIDE CENTER FIELD LOGO TO TURF MANUFACTURER.



WHITE - COLOR 1

BLACK - COLOR 2

YELLOW - COLOR 3

CENTER FIELD LOGO

SCALE : N.T.S. — F SA4.3

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

10/28/2022

SITE DETAILS
WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike , Kentucky 40383

M.E.&P. Engineer:
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BG# 23-120

Project No:	1916
Drawn By:	ELW/EGS
Rev'd By:	MBM/KAM

SHEET RELEASE

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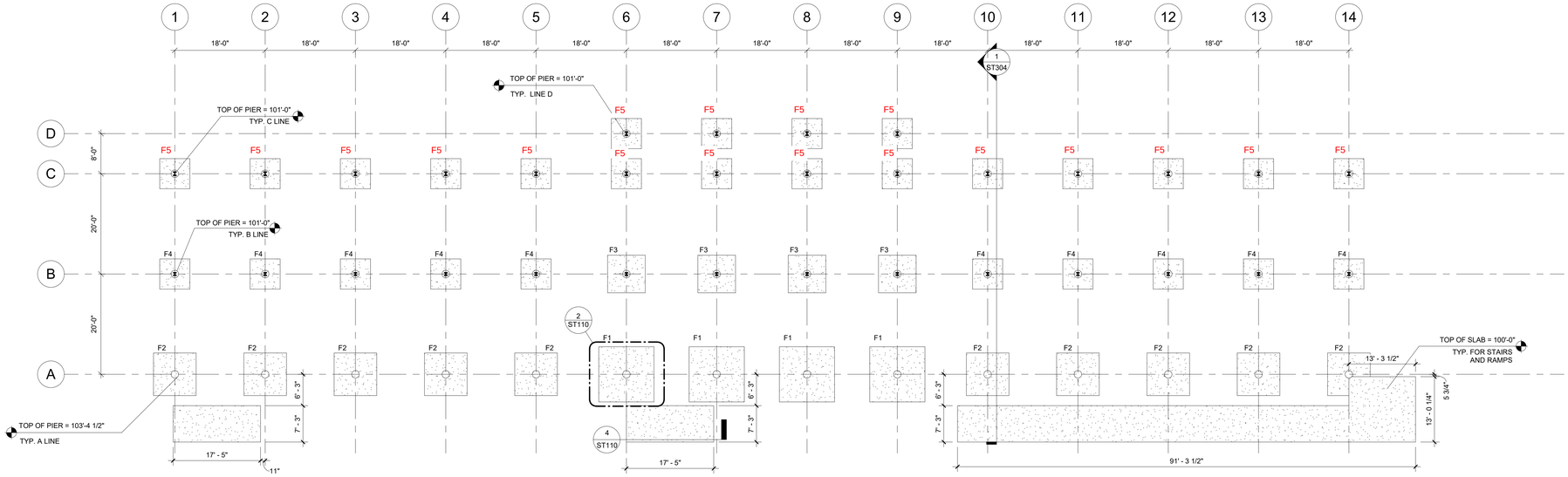
CONSTRUCTION DOCUMENTS

SA4.3

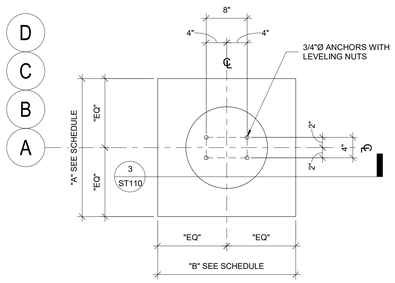
SITE DETAILS

DATE ISSUED:
10/28/2022



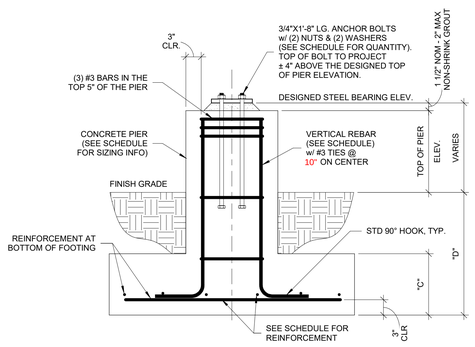
1 ST110 Foundation Plan

3/32" = 1'-0"



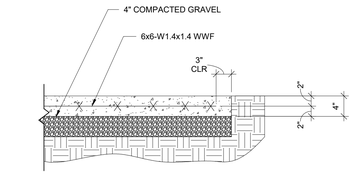
2 ST110 ANCHOR BOLT LAYOUT - PLAN OF FOOTING & PIER

1" = 1'-0"



3 ST110 SECTION THRU FOOTER FOUNDATION

1" = 1'-0"



4 ST110 SECTION OF SLAB ON GRADE

1" = 1'-0"

FOOTING SCHEDULE						PIER SCHEDULE				
MARK	SIZE				REINFORCING EA. WAY	SIZE	REINFORCING	# OF ANCHORS	SIZE OF ANCHORS	ANCHOR BOLT TEMPLATE NO.
	"A"	"B"	"C"	"D"						
F1	11'-0"	11'-0"	1'-6"	3'-0"	(14) #5 BOT	24"ø	(8) #5 BARS	4	3/4"X1'-8" HVY HEX HEAD GR 55	~~0055517~~
F2	8'-6"	8'-6"	1'-6"	3'-0"	(11) #5 BOT	24"ø	(8) #5 BARS	4	3/4"X1'-8" HVY HEX HEAD GR36	0055517
F3	7'-0"	7'-0"	1'-0"	2'-0"	(7) #5 BOT	18"Ø	(6) #5 BARS	4	3/4"X1'-8" HVY HEX HEAD GR 55	~~0055517~~
F4	6'-6"	6'-6"	1'-0"	2'-0"	(6) #5 BOT	18"Ø	(6) #5 BARS	4	3/4"X1'-8" HVY HEX HEAD GR36	0055517
F5	6'-0"	6'-0"	1'-0"	2'-0"	(6) #5 BOT	18"ø	(6) #5 BARS	4	3/4"X1'-8" HVY HEX HEAD GR36	0055517

FROST DEPTH - 24"
SOIL BEARING CAPACITY - 2000 PSF

DANT CLAYTON
The Next Level
1500 Bernheim Lane Louisville, KY 40210
Phone: 502-634-3626

AISC CERTIFIED FABRICATOR

Project
Woodford County HS

Project Address
330 Pisgah Pike,
Versailles, KY 40383

Project Number
50618.1A

Consultants

Professional Seal

No.	Description	Date

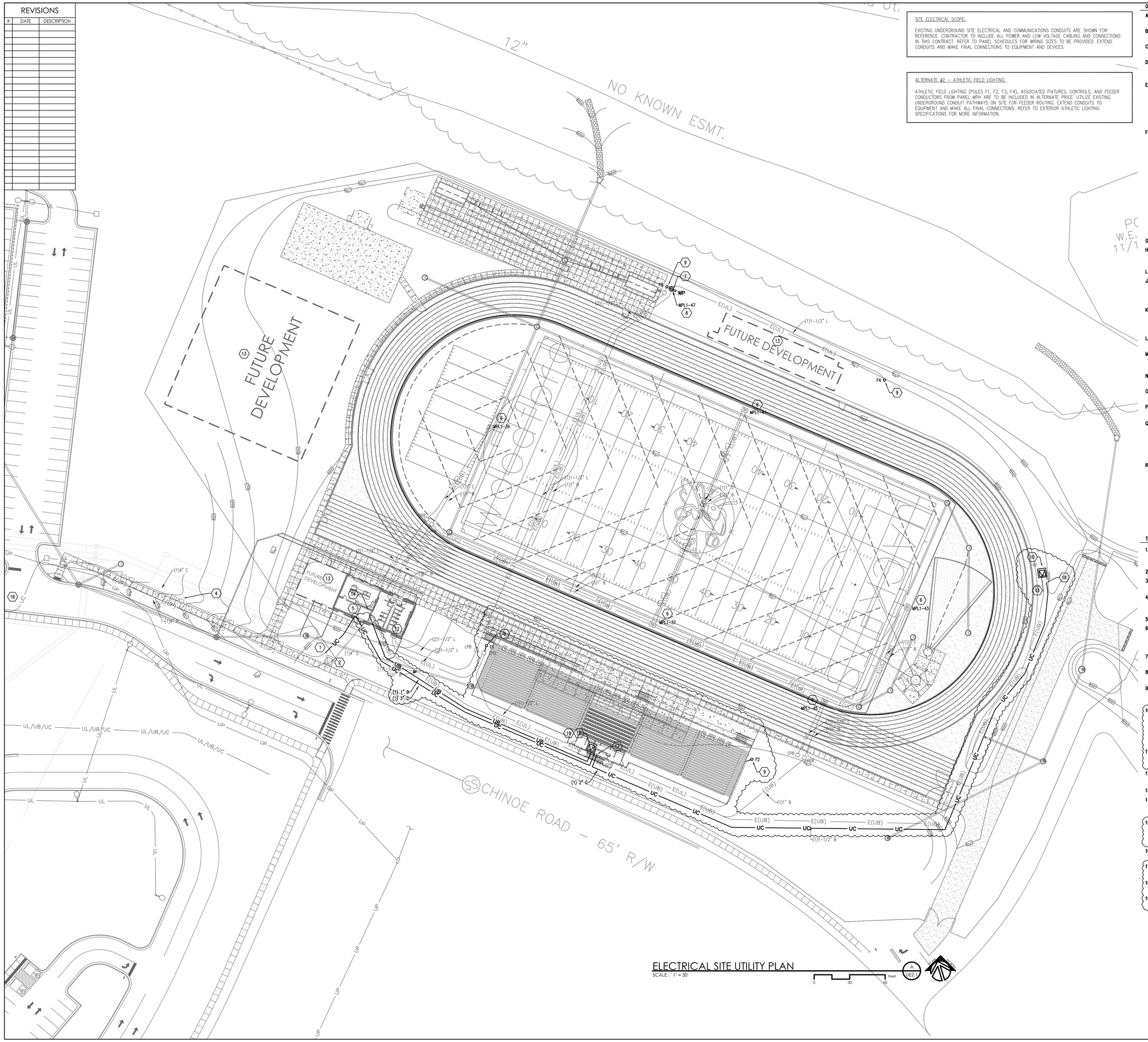
Key Plan

Submittal Type

Sheet Title
Foundation Plan

Sheet number
ST110

REVISIONS		
#	DATE	DESCRIPTION



ELECTRICAL SITE UTILITY PLAN
SCALE: 1" = 30'

0 30 60 Feet

SITE ELECTRICAL SCOPE:

EXISTING UNDERGROUND SITE ELECTRICAL AND COMMUNICATIONS CONDUITS ARE SHOWN FOR REFERENCE. CONTRACTOR TO INCLUDE ALL POWER AND LOW VOLTAGE CABLING AND CONNECTIONS IN THIS CONTRACT. REFER TO PANEL SCHEDULES FOR WIRING SIZES TO BE PROVIDED. EXTEND CONDUITS AND MAKE FINAL CONNECTIONS TO EQUIPMENT AND DEVICES.

ALTERNATE #2 – ATHLETIC FIELD LIGHTING:

ATHLETIC FIELD LIGHTING (POLES F1, F2, F3, F4), ASSOCIATED FIXTURES, CONTROLS, AND FEEDER CONDUCTORS FROM PANEL MPH ARE TO BE INCLUDED IN ALTERNATE PRICE. UTILIZE EXISTING UNDERGROUND CONDUIT PATHWAYS ON SITE FOR FEEDER ROUTING. EXTEND CONDUITS TO EQUIPMENT AND MAKE ALL FINAL CONNECTIONS. REFER TO EXTERIOR ATHLETIC LIGHTING SPECIFICATIONS FOR MORE INFORMATION.

GENERAL NOTES:

A. DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS.

B. CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, etc. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK.

C. FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.

D. WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICES IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.

E. PLANNED INTERRUPTION OF ANY SERVICE SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPALITY OR UTILITY COMPANY, THE ARCHITECT AND THE BUILDING OPERATORS AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED FROM THEM AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.

F. LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS. EXISTING UTILITIES LOCATIONS MAY VARY (CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS. UTILITIES SHALL ALSO BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE BUILDING ENGINEER AND THE MECHANICAL ENGINEER'S REPRESENTATIVE). CONTRACTOR SHALL VISIT SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.

G. CONTRACTOR SHALL REFER TO CIVIL PLANS FOR COORDINATION WITH OTHER UTILITIES.

H. COORDINATE ELEVATION AND LOCATION OF ALL CONDUITS ENTERING BUILDING WITH STRUCTURAL FOUNDATION. CONDUIT SHALL PASS THROUGH STEM WALL OF FOUNDATION OR UNDER FOOTING AS REQUIRED.

I. THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY.

J. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.

K. THE UTILITY/CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE OTHER UTILITIES. THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.

L. THE UTILITY WILL PROVIDE STAKING DATA INCLUDING NORTHING AND EASTING DATA AS REQUIRED OR SHOWN ON DRAWINGS.

M. COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING, ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FUTHER INFORMATION.

N. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWING FOR FOOTER SYSTEM LOCATIONS. CONTRACTOR SHALL AVOID INSTALLING UNDERGROUND CONDUITS THROUGH FOOTER SYSTEM.

O. COORDINATE INSTALLATION OF PULL BOXES, POLE BASES, ETC, WITH GRADING PLANS TO ENSURE PROPER MOUNTING ELEVATIONS.

P. UNDERGROUND PRIMARY AND COMMUNICATIONS DUCTBANK SHALL MAINTAIN A MINIMUM SEPARATION OF 10' FROM WATER, SANITARY, AND GAS LINES.

Q. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UNDERGROUND GEOTHERMAL PIPING, WATER LINES, GAS LINES, SANITARY LINES, SEWER LINES, VAULTS, ETC., WITH ELECTRICAL PULL BOXES, CONDUITS, POLE BASES ETC. SPECIFICALLY COORDINATE PLACEMENT OF GEOTHERMAL PIPING IN PARKING LOTS WITH POLE BASE LOCATIONS AND NOTIFY A/E IF CONFLICTS ARISE. CONTRACTOR SHALL ADJUST ROUTING OF ELECTRICAL CONDUITS TO AVOID GEOTHERMAL PIPING ROUTES AND VAULTS IN THE PARKING AREAS.

R. DUCTBANKS CROSSING THE TRACK OR FIELD SUB-DRAINAGE SYSTEM REQUIRE SPECIAL CONSTRUCTION AND COORDINATION. REFER TO DUCTBANK DETAIL FOR REQUIREMENTS. REFER TO DIVISION 31 SPECIFICATIONS FOR BACKFILL REQUIREMENTS. COORDINATE DUCTBANK DEPTHS WITH CIVIL DRAWINGS.

TAGGED NOTES:

1. INTERCEPT AND EXTEND EXISTING UNDERGROUND 4 INCH COMMUNICATIONS CONDUIT TO CONCESSIONS MDF RACK LOCATION. REFER TO SYSTEMS PLAN AND COMMUNICATIONS RISER FOR MORE INFORMATION.
2. EXISTING KENTUCKY UTILITIES PADMOUNT TRANSFORMER TO REMAIN.
3. COORDINATE ROUTING OF CONDUITS WITH STRUCTURAL FOUNDATIONS. PROVIDE SLEEVES IN FOOTINGS. REFER TO STRUCTURAL DRAWINGS AND COORDINATE. (TYPICAL)
4. PROVIDE FIBER IN ENTIRE LENGTH OF CONDUIT BETWEEN HIGH SCHOOL AND CONCESSIONS BUILDING. REFER TO COMMUNICATIONS RISER AND OVERALL SITE PLAN FOR ADDITIONAL REQUIREMENTS.
5. STUB COMMUNICATIONS CONDUIT UP FROM BELOW GRADE AND TERMINATE AT DATA RACK.
6. PROVIDE CIRCUIT TO EXISETING TURFBOX RECEPTACLES. RECEPTACLES TO BE CIRCUITED TO PANEL AND CIRCUIT NUMBER INDICATED. UTILIZE CONDUIT PATHS INDICATED FOR CIRCUIT ROUTING. REFER TO PANEL SCHEDULES FOR BRANCH CIRCUIT SIZES UPSIZED FOR VOLTAGE DROP.
7. MOUNT RECEPTACLE IN DIE-CAST HEAVY DUTY WEATHERPROOF BOX AT 18 INCHES AFG. STRAP CONDUIT AND BOX TO LIGHT POLE. COORDINATE WITH LIGHT POLE INSTALLATION.
8. LIGHT POLE RECEPTACLE TO BE CIRCUITED TO PANEL AND CIRCUIT NUMBER INDICATED. UTILIZE CONDUIT PATHS INDICATED FOR CIRCUIT ROUTING.
9. INSTALL FIELD LIGHTING PER MANUFACTURER'S REQUIREMENTS. INTERCEPT AND EXTEND EXISTING CONDUIT INTO POLE BASE. PROVIDE FEEDER TO POLE FROM PANEL MPH IN FULL LENGTH OF CONDUIT. REFER TO MPH PANEL SCHEDULE FOR FEEDER SIZE.
10. INSTALL TRANSFORMER AND FIBERGLASS PAD BEHIND VIDEOBOARD AND COORDINATE LOCATION WITH STRUCTURAL FOUNDATIONS AND SUPPORTS. PROVIDE DISCONNECT ON STRUCTURAL SUPPORT AND PROVIDE SEPARATE SETS OF CONDUCTORS TO EACH DISCONNECT ON VIDEOBOARD. PROVIDE LUG KIT ON DISCONNECT TO ALLOW LANDING OF MULTIPLE SETS OF WIRES. MAKE FINAL CONNECTIONS TO VIDEOBOARD. . EXPOSED CONDUIT SHALL BE RIGID GALVANIZED.
11. EXTEND CONDUIT TO VIDEOBOARD TRANSFORMER LOCATION. PULL FEEDER IN FULL LENGTH OF CONDUIT. REFER TO ONE-LINE DIAGRAM AND PANEL SCHEDULES FOR MORE INFORMATION.
12. LOCATE ATHLETIC FIELD LIGHTING CONTROLLER ON EXTERIOR WALL. REFER TO POWER/SYSTEMS PLANS FOR OTHER REQUIRED ROUGH-IN.
13. DO NOT ROUTE UNDERGROUND UTILITIES INSIDE AREAS MARKED "FUTURE DEVELOPMENT".
14. APPROXIMATE ELECTRICAL PANEL LOCATIONS SHOWN FOR REFERENCE. REFER TO POWER/SYSTEMS PLANS FOR EXACT LOCATIONS AND COORDINATE ROUTING OF BRANCH CIRCUITS.
15. INSTALL TRANSFORMER BELOW PRESSBOX AND BLEACHERS. COORDINATE LOCATION WITH BLEACHER STRUCTURE. ROUTE SECONDARY CONDUIT TO PRESSBOX PANEL. REFER TO ONE-LIE DIAGRAM FOR MORE INFORMATION. EXPOSED CONDUIT SHALL BE RIGID GALVANIZED.
16. REFER TO SHEET UE1.0 SITE ELECTRICAL OVERALL PLAN FOR ROUTING OF EXISTING UNDERGROUND FIBER CONDUIT.
17. ROUTE CONDUITS FOR FIBER OPTIC CABLING FROM BELOW GRADE UP TO PRESSBOX MDF/AV RACK. EXPOSED CONDUIT SHALL BE RIGID GALVANIZED.
18. ROUTE CONDUIT AND FIBER OPTIC CABLING TO VIDEOBOARD AND TERMINATE PER MANUFACTURERS REQUIREMENTS. EXPOSED CONDUIT SHALL BE RIGID GALVANIZED.
19. PROVIDE #6 BARE COPPER WIRE AND BOND METAL STRUCTURE OF BLEACHERS TO PRESSBOX GROUNDING SYSTEM.

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CMTA

ELECTRICAL SITE PLAN - ZONE 1
CONCESSIONS & RESTROOMS

FOR:
WOODFORD COUNTY BOARD OF EDUCATION
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Structural Engineer:
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BG# 23-120

Project No: 1916/XWCH19-01
Drawn By: JJW
Rev'd By: CJC

SHEET RELEASE		
1	8/8/24	ADDENDUM 1
2		
3		
4		
5		
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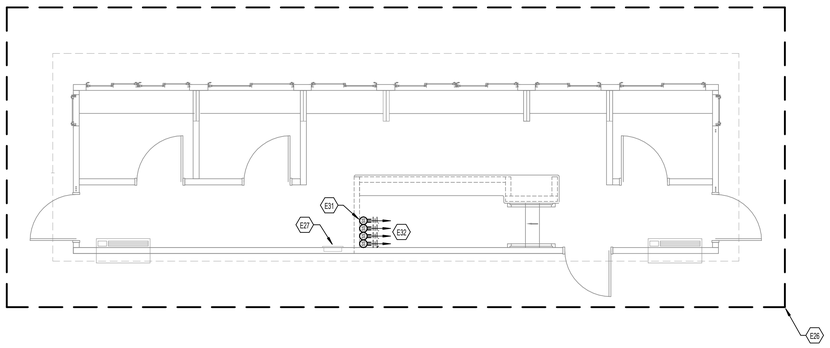
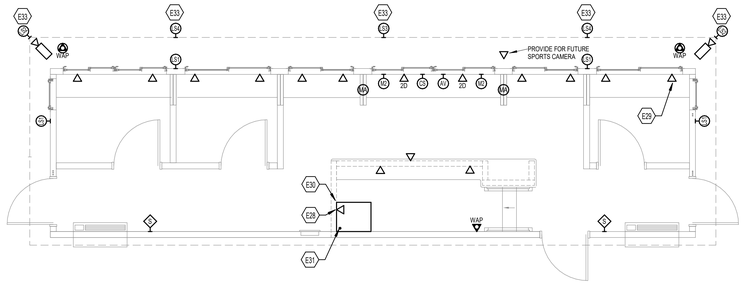
CONSTRUCTION DOCUMENTS

UE2.1

DATE ISSUED:
07/15/2024





REVISIONS

#	DATE	DESCRIPTION
2	10/08/2024	PR-06

1 LIGHTING/POWER PRESSBOX PLAN

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

0 1' 2' 4' 8' 12' 16'

2 SYSTEMS PRESSBOX PLAN

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

0 1' 2' 4' 8' 12' 16'

SYMBOL (IF APPLICABLE)	Notes:
LS1	1. Fulcrum CX826 speakers with YK-CX8 yoke bracket mounted on front of pressbox. Aimed at top rows. Requires (1) 3/4" conduit to AV Rack location.
LS2	2. Fulcrum GX1265 speakers with YK-GX12 yoke bracket mounted on top of pressbox custom bracket (see Figure 1)AV Contractor is responsible for providing speaker bracket. Aimed at Left/Right bottom bleachers. Requires (1) 3/4" conduit to AV Rack location.
LS3	3. Fulcrum AHC295 speaker with YK-AHC2x5 yoke bracket mounted on top of pressbox custom bracket (see Figure 2) AV Contractor is responsible for providing speaker bracket. Aimed at Field/Visitor bleachers. Requires (1) 1" conduit to AV Rack location.
LS4	4. Fulcrum CS121 subwoofer with YK-FH15 yoke bracket mounted on top of pressbox custom bracket (see Figure 3) AV Contractor is responsible for providing speaker bracket. Requires (1) 3/4" conduit to AV Rack location.
CS	5. QSC TSC-101-G3 touch panel with TSC-710T-G3 table stand. Mounted on desktop. Requires (1) 3/4" conduit to AV rack location.
AV	6. FSR DSKB-3G table mount with RDL Format-A DS-TPS1A mic input jack, RDL DS-TPSL1A RCA/3.5mm line input, DS-BT-1A Bluetooth with RDL CP-3 cover. Requires (1) 3/4" conduit to AV Rack location.
M2	7. Single gang plates with (2) female XLR mic jacks each. Mounted at 16" A.F.F. Requires 3/4" conduit to AV Rack location.
MA	8. Sennheiser ADP UHF antenna mounted on ceiling with WM-1. Requires a single gang box with (1) 1" conduit to AV Rack location.
☐	9. Rack Location. Requires (4) 20 amp circuits. See Figure 4 for rack layout. Fill all empty spaces.

Deliverables:

(2) Sennheiser EW-DX SKM-S transmitters
(2) Sennheiser MMD 835 BK mic heads
(2) Sennheiser EW-DX SK transmitters
(2) Sennheiser MKE 2 lavaliers
(2) Point Source CO-8WD-XSE-BL headset mics
(2) Atlas MS-12CE mic stands
(2) Altas DS7E desk stands
(2) Sennheiser e 835 S wired handhelds
(2) 15' mic cables
(1) 3' mic cable
(1) 3.5mm cable
(1) Whirlwind PodMixAI announcer mixer

Rack:
(2) Panduit FMT1
(2) Panduit CFAPPBL1
(6) Panduit FAPB
(2) Panduit FAP6WBUDLCZ
(2) Panduit FLCDSBUY
(1) Panduit NKFP91BN1NKM001
(2) Panduit FOSMF
(1) Middle Atlantic BGR-3827
(1) Middle Atlantic VFD-38A
(3) Middle Atlantic SFD-KEYS
(3) Middle Atlantic SRD-KEYS
(1) Middle Atlantic FWD-LT-UTL-35-40-D
(1) Middle Atlantic BSPN-38-32
(1) Middle Atlantic BGR-552FT-FC
(1) Middle Atlantic CBS-BGR
(1) Middle Atlantic FWD-LB-1A
(2) Middle Atlantic LL-VP2110
(1) LACE-37-W-A
(1) LT-GN-PNL

Cable:

Antenna Cable: RG-8u
Category Cable: CAT6S
Mic Cable: Shielded 22-2
Speaker Cable: Outdoor 12-2
Acceptable manufacturers: Belden, West Penn Wire, Windy City Wire.

Figure 1

Figure 2

Figure 3

3 AV RISER DIAGRAM

SCALE: NONE

ELECTRICAL NEW WORK NOTES

A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.

E LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.

F ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, AND DOWNLIGHTING ALZAK CONES SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

G RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING COMPONENTS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.

H CONTRACTOR SHALL CIRCUIT ALL EXIT SIGNS AND EMERGENCY EGRESS FIXTURES (FIXTURE TYPES THAT START WITH 'E') FROM THE NEAREST UNSWITCHED NORMAL LIGHTING CIRCUIT. CONTRACTOR SHALL PROVIDE AN UNSWITCHED NORMAL-SENSING CONDUCTOR TO ALL FIXTURES WITH INTEGRAL BATTERY PACKS.

I LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

J REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.

TAGGED NOTES

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E26	PROVIDE CIRCUITS INDICATED FOR VOICE/DATA AND AV RACK. REFER TO PRESSBOX DRAWINGS FOR ALL OTHER LIGHTING AND POWER SCOPE RELATED TO THE PRESSBOX.
E27	MAKE FINAL CONNECTION TO PRESSBOX PANEL AND WIRE COMPLETE. REFER TO ONE-LINE DIAGRAM AND SITE ELECTRICAL PLAN FOR MORE INFORMATION ABOUT PRESSBOX PANEL FEEDER.
E28	PROVIDE DATA DROP QUANTITY REQUIRED FOR RACK MOUNT EQUIPMENT.
E29	REFER TO THE PRESSBOX DRAWINGS FOR LOW VOLTAGE RACEWAY REQUIREMENTS. (TYPICAL)
E30	PROVIDE RACK FOR VOICE/DATA AND AV EQUIPMENT. RACK TO BE PROVIDED UNDER AV SPECIFICATIONS. REFER TO COMMUNIATIONS RISER AND AV ONE-LINE DIAGRAM FOR MORE INFORMATION. BOND RACK TO PRESSBOX GROUNDING SYSTEM USING #6 INSULATED COPPER GROUND.
E31	PROVIDE SURGE SUPPRESSION TYPE DUPLEX OUTLETS IN QUANTITY INDICATED TO SERVE AV RACK. MOUNT IN A SINGLE FOUR-GANG BOX LOCATED DIRECTLY BEHIND RACK.
E32	EACH OUTLET TO BE A DEDICATED CIRCUIT TO THE PRESSBOX PANEL. CIRCUIT EACH USING 2#12, #12 GROUND. PROVIDE 20A/1P BREAKER IN PRESSBOX PANEL FOR EACH CIRCUIT. COORDINATE INSTALLATION WITH PRESSBOX ELECTRICAL DRAWINGS.
E33	SPEAKER LOCATED ON PRESSBOX ROOF. REFER TO AV SYMBOL LEGEND FOR MORE INFORMATION.

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ELECTRICAL PLANS - PRESSBOX
WOODFORD COUNTY HIGH SCHOOL CONCESSIONS & RESTROOMS
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike, Versailles, Kentucky 40383

BG# 23-120

Project No: 1916/XWCH19-01
Drawn By: Author
Rev'd By: Checker

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CONSTRUCTION DOCUMENTS

E1.2

ELECTRICAL PLANS - PRESSBOX

DATE ISSUED:
10/16/2024

REVISIONS

#	DATE	DESCRIPTION
1	08/08/2024	Addendum #1
2	10/08/2024	PR-06

ELEC - LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	BASIS OF DESIGN	EQUALS	LAMPS / CCT	DRIVER	MINIMUM LUMENS	MOUNTING	MAXIMUM WATTAGE	VOLTAGE	REMARKS
A1	2X4 SURFACE MOUNT LED. COLD-ROLLED TEEL HOUSING, SMOOTH HEMMED SIDES AND INWARD FORMED END FLANGES. STANDARD PATTERN #19 LENS, 0.156" THICK PRISMATIC LENS. POLYESTER POWDER COAT FINISH.	LITHONIA 2TLX4	METALUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4800	SURFACE	40	MVOLT	
A1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA 2TLX4	METALUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4800	SURFACE	40	MVOLT	
B1	1X4 SURFACE MOUNT LED. COLD-ROLLED TEEL HOUSING, SMOOTH HEMMED SIDES AND INWARD FORMED END FLANGES. STANDARD PATTERN #19 LENS, 0.156" THICK PRISMATIC LENS. POLYESTER POWDER COAT FINISH.	LITHONIA TLX4	METALUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4000	SURFACE	39	MVOLT	
B1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA TLX4	METALUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4000	SURFACE	39	MVOLT	
C1	7" SHALLOW, SURFACE MOUNT DOWNLIGHT. NON-CONDUCTIVE MATERIAL WITH MATTE, DIFFUSE LENS.	JUNO SLIMFORM JSF7	HALO EQUAL, LIGHTOLIER EQUAL	4000K/80CRI	0-10V DIM	1000	SURFACE	13	MVOLT	
D1	4' LOW-PROFILE LED STRIP FIXTURE. COLD-ROLLED STEEL HOUSING WITH DIFFUSE SNAP-ON LENS.	LITHONIA ZL1N	METALUX EQUAL, WILLIAMS EQUAL	4000K/80CRI	0-10V DIM	5000	SURFACE	34	MVOLT	
D1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA ZL1N	METALUX EQUAL, WILLIAMS EQUAL	4000K/80CRI	0-10V DIM	5000	SURFACE	34	MVOLT	
E1	ARCHITECTURAL EGRESS LIGHT. WET LOCATION RATED WITH INTEGRAL COLD WEATHER BATTERY.	LITHONIA AFF	EVENLITE, DUALLITE EQUAL	4000K/80CRI	-	3000	WALL	25	MVOLT	MOUNT AT 7'-0" A.F.F.
OF1	EXTERIOR WALL MOUNT FIXTURE WITH TWO-PIECE DIE-CAST ALUMINUM HOUSING, POWDER COAT FINISH FOR CORROSION AND WEATHER RESISTANCE, TYPE 3 MEDIUM DISTRIBUTION. WET LOCATION RATED.	LITHONIA DSX1	MCGRAW EDISON EQUAL, GARDCO EQUAL	4000K/80CRI	0-10V DIM	5500	WALL	46	MVOLT	MOUNT AT 8'-0" A.F.F.
OF2	RECESSED 6" WALLWASH LED DOWNLIGHT. GALVANIZED STEEL CONSTRUCTION WITH MATTE, DIFFUSE LENS. WET LOCATION RATED.	LITHONIA LDN6	HALO EQUAL, LIGHTOLIER EQUAL	4000K/80CRI	0-10V DIM	750	CANOPY	9	MVOLT	
X1	DIE-CAST ALUMINUM SINGLE SIDED EXIT SIGN.	LITHONIA LQC	EVENLITE, DUALLITE EQUAL	-	-	-	UNIVERSAL	2	MVOLT	

ELEC - EQUIPMENT CONNECTION SCHEDULE

EQUIP ID	DESCRIPTION	DISCONNECT MEANS	VOLTAGE	POLES	HP	POWER (kVA)	MCA	FURNISHED BY	INSTALLED BY
EF-1B	EXHAUST FAN	NEMA 1	208	2	0.13	0.40	2.5	EC	EC
EF-2	EXHAUST FAN	NEMA 1	208	2	0.08	0.40	2.5	EC	EC
EH-1	ELECTRIC HEATER	NEMA 1	208	2	-	0.75	4.5	EC	EC
EH-2	ELECTRIC HEATER	NEMA 1	208	2	-	1.50	9	EC	EC
EH-4	ELECTRIC HEATER	NEMA 1	208	2	-	3.00	18	EC	EC
HAND DRYER	HAND DRYER	120V SNAP SWITCH	120	1	1/4	1.50	15	EC	EC
RP-1	HOT WATER RECIRCULATING PUMP	120V SNAP SWITCH	120	1	-	0.10	0.8	EC	EC
TP-1	TRAP PRIMER	120V SNAP SWITCH	120	1	-	0.05	0.5	EC	EC
WH-1	WATER HEATER	NEMA 1	208	3	-	8.00	41.6	EC	EC

ELEC - CAMERA SCHEDULE

Type	MODEL
Ceiling Mount Camera	
CJ7	XNV-6080
CW	PNM-9085RQZ

PANEL MPH IS EXISTING TO REMAIN. PROVIDE FEEDERS TO ATHLETIC FIELD LIGHTING PER SCHEDULE.

INSTALLED IN PREVIOUS PHASE

PANELBOARD AND WIRING SCHEDULE

PANEL: **MPH** | MAINS TYPE: MCB | PANEL INTERRUPTING RATING: 65,000
VOLTAGE: 480Y/277V,3P,4W | SPD: Yes | LOCATION:
AMPERES: 400 A | MOUNTING: SURFACE | SUPPLY FROM: UTILITY TRANSFORMER

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	A	B	B	C	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	F1 ATHLETIC LIGHTING POLE	3-#4, 1-#4, 1-#6	50	3	1	8.7	8.7					2	3	50	3-#4, 1-#4, 1-#6	F2 ATHLETIC LIGHTING POLE	
					3			8.7	8.7			4					
					5					8.7	8.7	6					
	F3 ATHLETIC LIGHTING POLE	3-#6, 1-#6, 1-#10	50	3	7	9.3	9.3					8	3	50	3-#6, 1-#6, 1-#10	F4 ATHLETIC LIGHTING POLE	
					9			9.3	9.3			10					
					11					9.3	9.3	12					
	SURGE PROTECTION DEVICE (REQUIREMENTS PER SPECIFICATIONS)	3-#6, 1-#6, 1-#10	60	3	13	0.0	9.6					14	3	50	3-#6, 1-#10	TX-2	
					15			0.0	9.6			16					
					17					0.0	9.6	18					
	SPACE	--	--	1	19	--	12.6					20	2	100	2-#2, 1-#6	TX-3	
	SPACE	--	--	1	21			--	12.6			22					
	SPACE	--	--	1	23					--	--	24	1	--	--	SPACE	
	SPARE	--	20	1	25	0.0	--					26	1	--	--	SPACE	
	SPARE	--	20	1	27			0.0	--			28	1	--	--	SPACE	
	SPARE	--	20	1	29					0.0	--	30	1	--	--	SPACE	
	SPARE	--	20	1	31	0.0	--					32	1	--	--	SPACE	
	SPARE	--	20	1	33			0.0	--			34	1	--	--	SPACE	
	SPARE	--	20	1	35					0.0	--	36	1	--	--	SPACE	
	TRANSFORMER TX-1	3-#2/0, 1-#2/0, 1-#6	175	3	37	28.4	--					38	1	--	--	SPACE	
					39			30.9	--			40	1	--	--	SPACE	
					41					29.3	--	42	1	--	--	SPACE	
						86.6 kVA		89.1 kVA		74.9 kVA							
						319 A		328 A		270 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
EQUIP	45450 VA	100.00%	45450 VA	TOTAL CONNECTED LOAD:	250589 VA
HVAC	34950 VA	80.00%	27960 VA	TOTAL ESTIMATED DEMAND:	222769 VA
LTNG	109529 VA	100.00%	109529 VA	TOTAL CONNECTED CURRENT:	301 A
REC	51660 VA	59.68%	30830 VA	TOTAL ESTIMATED DEMAND CURRENT:	268 A
Spare	9000 VA	100.00%	9000 VA	25 % ADDITIONAL CAPACITY:	67 A
				TOTAL PANEL CURRENT:	335 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

PANEL MPL1 IS EXISTING TO REMAIN. PROVIDE CONDUIT AND CONDUCTORS AND FOR ALL BRANCH CIRCUITS INDICATED AND WIRE COMPLETE.

PANELBOARD AND WIRING SCHEDULE

PANEL: **MPL1** | MAINS TYPE: MCB | PANEL INTERRUPTING RATING: 10,000
VOLTAGE: 208Y/120V,3P,4W | SPD: Yes | LOCATION: MECH. 104
AMPERES: 400 A | MOUNTING: SURFACE | SUPPLY FROM: MP XFMR

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	A	B	B	C	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	POS - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	1	0.9	0.5					2	1	20	1-#12, 1-#12, 1-#12	FLUSH VALVES - MEN'S 101	
	POS - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	3			0.9	1.5			4	1	20	1-#12, 1-#12, 1-#12	HAND DRYER - MEN'S 101	
	POS - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	5					0.9	1.5	6	1	20	1-#12, 1-#12, 1-#12	HAND DRYER - MEN'S 101	
	CONVENIENCE - CONCESSIONS 100	1-#12, 1-#12, 1-#12	20	1	7	0.5	0.5					8	1	20	1-#12, 1-#12, 1-#12	FLUSH VALVES - WOMEN'S 103	
	CHEST FREEZER - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	9			0.2	1.5			10	1	20	1-#12, 1-#12, 1-#12	HAND DRYER - WOMEN'S 103	
	ABOVE COUNTER - CONCESSION...	1-#12, 1-#12, 1-#12	20	1	11					0.2	1.5	12	1	20	1-#12, 1-#12, 1-#12	HAND DRYER - WOMEN'S 103	
	ABOVE COUNTER - CONCESSION...	1-#12, 1-#12, 1-#12	20	1	13	0.2	0.9					14	1	20	1-#12, 1-#12, 1-#12	REC RESTROOMS, EXTERIOR	
	ABOVE COUNTER - CONCESSION...	1-#12, 1-#12, 1-#12	20	1	15			0.2	0.5			16	2	30	2-#10, 1-#10, 1-#10	MDF RACK UPS	
1	FRIDGE - CONCESSIONS 100	1-#12, 1-#12, 1-#12	20	1	17					1.0	0.5	18					
1	ICE MACHINE - CONC 100	1-#12, 1-#12, 1-#12	20	1	19	1.0	0.4					20	1	20	1-#12, 1-#12, 1-#12	MDF BACKBOARD EQUIPMENT	
	CONCESSION 100 REC	1-#12, 1-#12, 1-#12	20	1	21			2.0	0.5			22	1	20	1-#12, 1-#12, 1-#12	REC STORAGE 100A, MECH 104	
1	FRIDGE - CONCESSIONS 100	1-#12, 1-#12, 1-#12	20	1	23					1.0	1.2	24	1	20	1-#8, 1-#8, 1-#8	FENCE RECEPTACLES - WEST	1
	MICROWAVE - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	25	0.5	1.2					26	1	20	1-#4, 1-#4, 1-#4	FENCE RECEPTACLES - EAST	1
	MICROWAVE - CONCESSION 100	1-#12, 1-#12, 1-#12	20	1	27			0.5	1.2			28	1	20	1-#12, 1-#12, 1-#12	LTNG - INTERIOR	
	ABOVE COUNTER - CONC 100	1-#12, 1-#12, 1-#12	20	1	29					0.5	0.4	30	1	20	1-#12, 1-#12, 1-#12	LTNG - EXTERIOR	
	ABOVE COUNTER - CONC 100	1-#12, 1-#12, 1-#12	20	1	31	0.5	0.1					32	1	20	1-#12, 1-#12, 1-#12	FIELD LIGHTING CONTROLLER	
	REC STORAGE 105	1-#12, 1-#12, 1-#12	20	1	33			0.5	0.4			34	1	20	1-#12, 1-#12, 1-#12	ELECTRIC WATER COOLER	1
1	TURFBOX - HOME SIDE	1-#10, 1-#10, 1-#10	20	1	35					0.6	0.4	36	1	20	1-#12, 1-#12, 1-#12	ELECTRIC WATER COOLER	1
1	TURFBOX - WEST GOAL POST	1-#10, 1-#10, 1-#10	20	1	37	0.6	0.0					38	1	20	1-#12, 1-#12, 1-#12	LTNG TIMECLOCK	
1	TURFBOX - VISITOR SIDE	1-#6, 1-#6, 1-#6	20	1	39			0.6	--			40	1	--	--	SPACE	
1	TURFBOX - EAST GOAL POST	1-#6, 1-#6, 1-#6	20	1	41					0.6	--	42	1	--	--	SPACE	
1	TURFBOX - FINISH LINE	1-#6, 1-#6, 1-#6	20	1	43	0.6	0.0					44	1	20	--	SPARE	
1	VISITORS SIDE LIGHT POLE REC	1-#6, 1-#6, 1-#6	20	1	45			0.6	0.0			46	1	20	--	SPARE	
	SPACE	--	--	1	47					--	0.0	48	1	20	--	SPARE	
	SPACE	--	--	1	49	--	0.0					50	1	20	--	SPARE	1
	SPACE	--	--	1	51			--	0.0			52	1	20	--	SPARE	1
	SPACE	--	--	1	53					--	0.0	54	1	20	--	SPARE	1
						28.4 kVA		30.9 kVA		29.3 kVA							
						237 A		258 A		245 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
EQUIP	20250 VA	100.00%	20250 VA	TOTAL CONNECTED LOAD:	88589 VA
HVAC	34950 VA	80.00%	27960 VA	TOTAL ESTIMATED DEMAND:	75169 VA
LTNG	1529 VA	100.00%	1529 VA	TOTAL CONNECTED CURRENT:	246 A
REC	22860 VA	71.87%	16430 VA	TOTAL ESTIMATED DEMAND CURRENT:	209 A
Spare	9000 VA	100.00%	9000 VA	25 % ADDITIONAL CAPACITY:	52 A
				TOTAL PANEL CURRENT:	261 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. BREAKER TO BE GFCI TYPE.

PROVIDE PANEL MPL2. CONTRACTOR IS TO PROVIDE PANEL, FEEDER FROM PANEL MPL1, AND CONDUIT AND WIRING AS INDICATED IN SCHEDULE TO ALL BRANCH CIRCUITS IN THIS PROJECT.

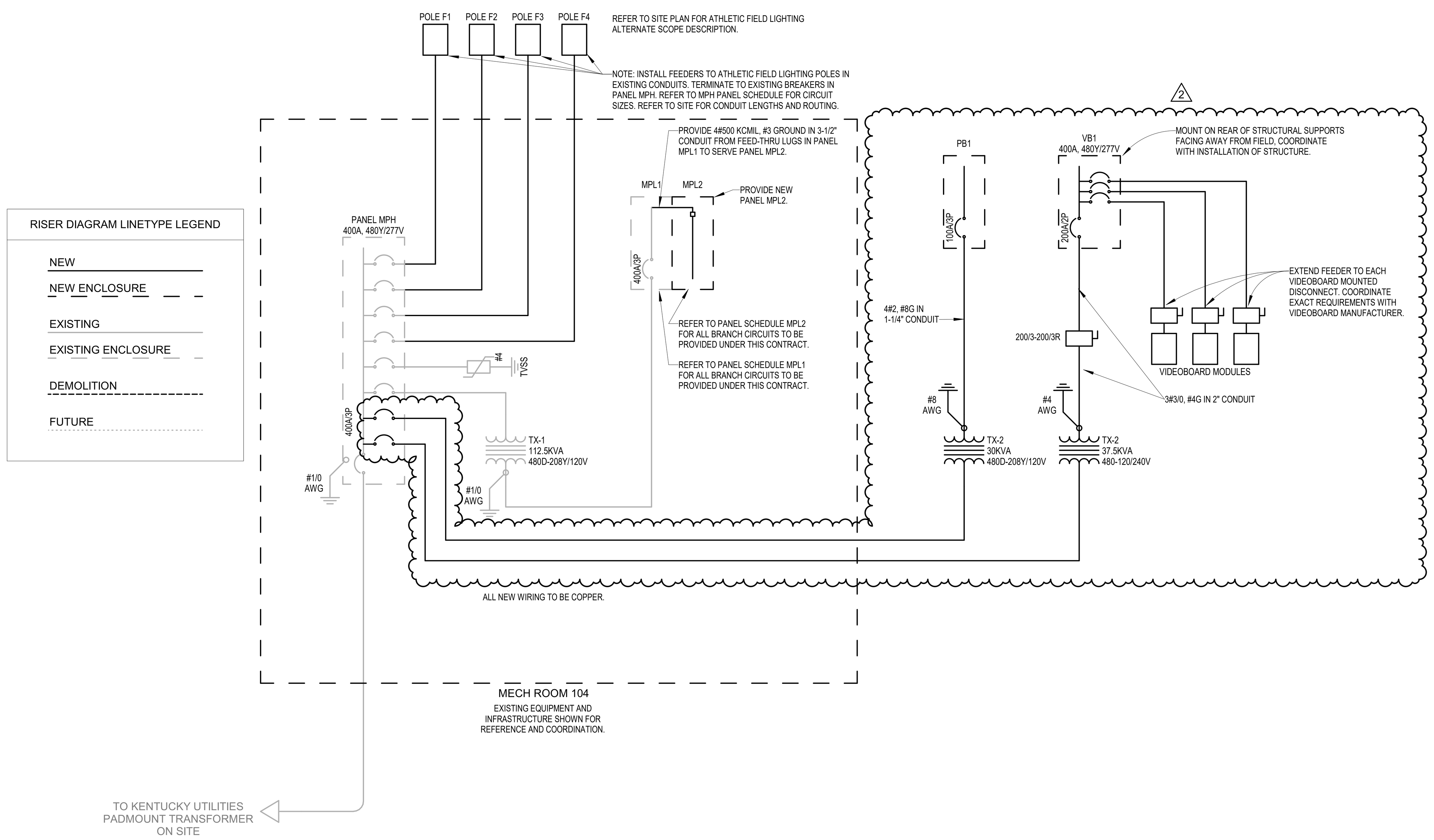
PANELBOARD AND WIRING SCHEDULE

PANEL: **MPL2** | MAINS TYPE: MLO | PANEL INTERRUPTING RATING: 10,000
VOLTAGE: 208Y/120V,3P,4W | SPD: No | LOCATION: MECH. 104
AMPERES: 400 A | MOUNTING: SURFACE | SUPPLY FROM: MPL1

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	A	B	B	C	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	CONCESSIONS 100 EH-1	2-#12, 1-#12, 1-#12	20	2	55	0.4	1.5					56	2	20	2-#12, 1-#12, 1-#12	MEN'S RR 101 EH-4	
					57			0.4	1.5			58					
	CONCESSIONS 100 EH-1	2-#12, 1-#12, 1-#12	20	2	59					0.4	1.5	60	2	20	2-#12, 1-#12, 1-#12	MEN'S RR 101 EH-4	
					61	0.4	1.5					62					
	CONCESSIONS 100 EH-1	2-#12, 1-#12, 1-#12	20	2	63			0.4	1.5			64	2	20	2-#12, 1-#12, 1-#12	MEN'S RR 101 EH-4	
					65					0.4	1.5	66					
	CONCESSIONS 100 EH-2	2-#12, 1-#12, 1-#12	15	2	67	0.8	1.5					68	2	20	2-#12, 1-#12, 1-#12	MEN'S RR 101 EH-4	
					69			0.8	1.5			70					
	CONCESSIONS 100 EH-2	2-#12, 1-#12, 1-#12	15	2	71					0.8	1.5	72	2	20	2-#12, 1-#12, 1-#12	WOMEN'S RR 103 EH-4	
					73	0.8	1.5					74					
	MECH 104 EH-2	2-#12, 1-#12, 1-#12	15	2	75			0.8	1.5			76	2	20	2-#12, 1-#12, 1-#12	WOMEN'S RR 103 EH-4	
					77					0.8	1.5	78					
	STORAGE 100A EH-2	2-#12, 1-#12, 1-#12	15	2	79	0.8	1.5					80	2	20	2-#12, 1-#12, 1-#12	WOMEN'S RR 103 EH-4	
					81			0.8	1.5			82					
	TRAP PRIMER TP-1	1-#12, 1-#12, 1-#12	20	1	83					0.1	1.5	84	2	20	2-#12, 1-#12, 1-#12	WOMEN'S RR 103 EH-4	
	WH-1 WATER HEATER	3-#6, 1-#6, 1-#10	50	3	85	2.7	1.5					86					
					87			2.7	0.6			88	2	15	2-#12, 1-#12, 1-#12	RR 101, 103, CUST 102 - EXHAUST	
					89					2.7	0.6	90					
	RECIRC PUMP RP-1	1-#12, 1-#12, 1-#12	20	1	91	0.1	0.8					92	2	20	2-#12, 1-#12, 1-#12	CUST 102 EH-2	
	CONC 100 CIRCULATION FANS	1-#12, 1-#12, 1-#12	20	1	93			0.7	0.8			94					
	STORAGE 104 EH-4	2-#12, 1-#12, 1-#12	20	2	95					1.5	0.0	96	1	20	--	SPARE	
					97	1.5	1.5					98	2	20	--	SPARE	
	STORAGE 104 CEILING HEATER EH-4	2-#12, 1-#12, 1-#12	20	2	99			1.5	1.5			100					
					101					1.5	1.5	102	2	20	--	SPARE	
	SPARE	--	20	1	103	0.0	1.5					104					
	SPARE	--	20	1	105			0.0	1.5			106	2	20	--	SPARE	
	SPARE	--	20	1	107					0.0	1.5	108					
						20.0 kVA		19.7 kVA		19.1 kVA							
						168 A		165 A		159 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
EQUIP	14150 VA	100.00%	14150 VA	TOTAL CONNECTED LOAD:	58820 VA
HVAC	34950 VA	80.00%	27960 VA	TOTAL ESTIMATED DEMAND:	51830 VA
REC	720 VA	100.00%	720 VA	TOTAL CONNECTED CURRENT:	163 A
Spare	9000 VA	100.00%	9000 VA	TOTAL ESTIMATED DEMAND CURRENT:	144 A
				25 % ADDITIONAL CAPACITY:	36 A
				TOTAL PANEL CURRENT:	180 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. BREAKER TO BE GFCI TYPE.



1 ELECTRICAL RISER DIAGRAM
SCALE: NONE

PANELBOARD AND WIRING SCHEDULE

PANEL: **VB1** | MAINS TYPE: MCB | PANEL INTERRUPTING RATING: 10,0000
VOLTAGE: 120/240V,1P,3W | SPD: | LOCATION:
AMPERES: 200 A | MOUNTING: SURFACE | SUPPLY FROM: TX-3

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	A	B	B	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	VIDEOBOARD	2-#6, 1-#6, 1-#10	45	2	1	4.2	0.0			2	1	20	--	SPARE	
					3			4.2	0.0	4	1	20	--	SPARE	
	VIDEOBOARD	2-#6, 1-#6, 1-#10	45	2	5	4.2	0.0			6	1	20	--	SPARE	
					7			4.2	0.0	8	1	20	--	SPARE	
	VIDEOBOARD	2-#6, 1-#6, 1-#10	45	2	9	4.2	0.0			10	1	20	--	SPARE	1
					11			4.2	0.0	12	1	20	--	SPARE	1
	SPACE	--	--	1	13	--	--			14	1	--	--	SPACE	
	SPACE	--	--	1	15			--	--	16	1	--	--	SPACE	
	SPACE	--	--	1	17	--	--			18	1	--	--	SPACE	
	SPACE	--	--	1	19			--	--	20	1	--	--	SPACE	
						12.6 kVA		12.6 kVA							
						105 A		105 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
EQUIP	25200 VA	100.00%	25200 VA	TOTAL CONNECTED LOAD:	25200 VA
				TOTAL ESTIMATED DEMAND:	25200 VA
				TOTAL CONNECTED CURRENT:	105 A
				TOTAL ESTIMATED DEMAND CURRENT:	105 A
				25 % ADDITIONAL CAPACITY:	26 A
				TOTAL PANEL CURRENT:	131 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. BREAKER TO BE GFCI TYPE.

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018
CMTA

SCHEDULES AND RISER DIAGRAMS
WOODFORD COUNTY HIGH SCHOOL CONCESSIONS & RESTROOMS
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike, Versailles, Kentucky 40383

BG#	23-120
Project No:	1916/XWCH19-01
Drawn By:	JJW
Rev'd By:	CJC

SHEET RELEASE

#	DATE	DESCRIPTION
1	8/8/24	ADDENDUM 1
2		
3		
4		
5		
6		
7		
8		

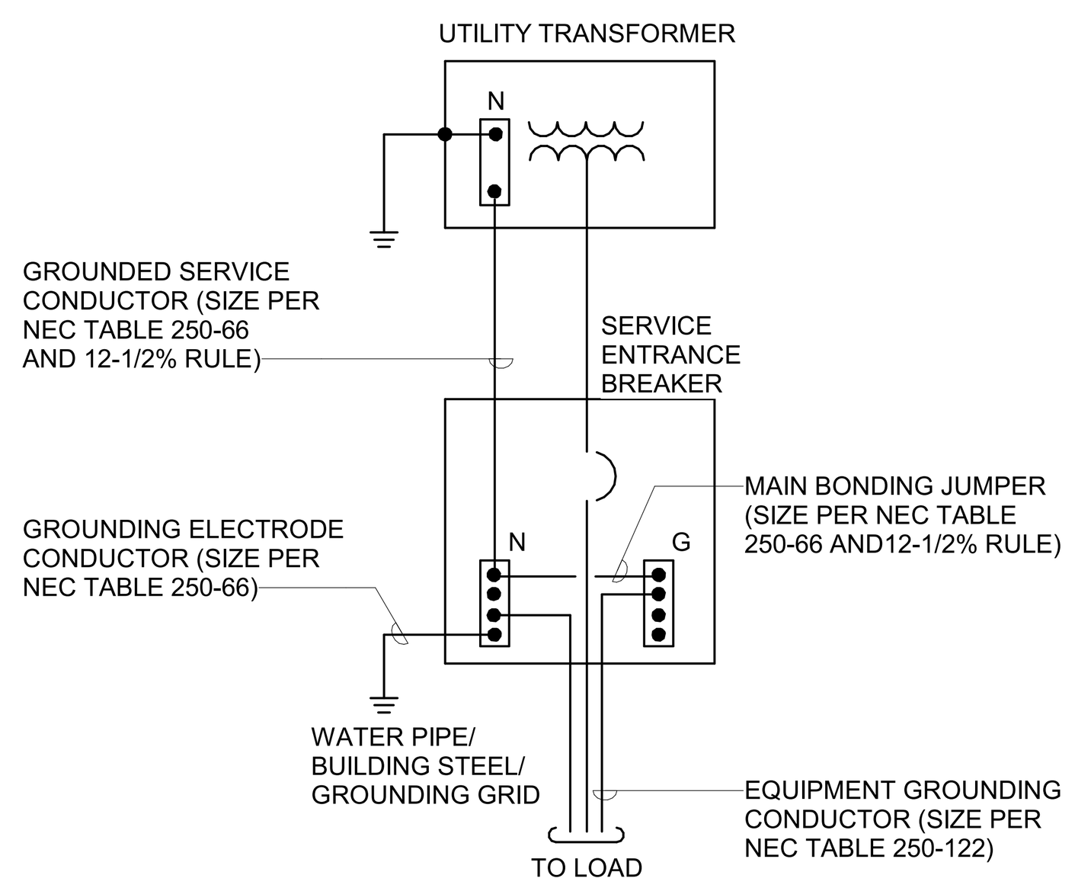
CONSTRUCTION DOCUMENTS

E2.0

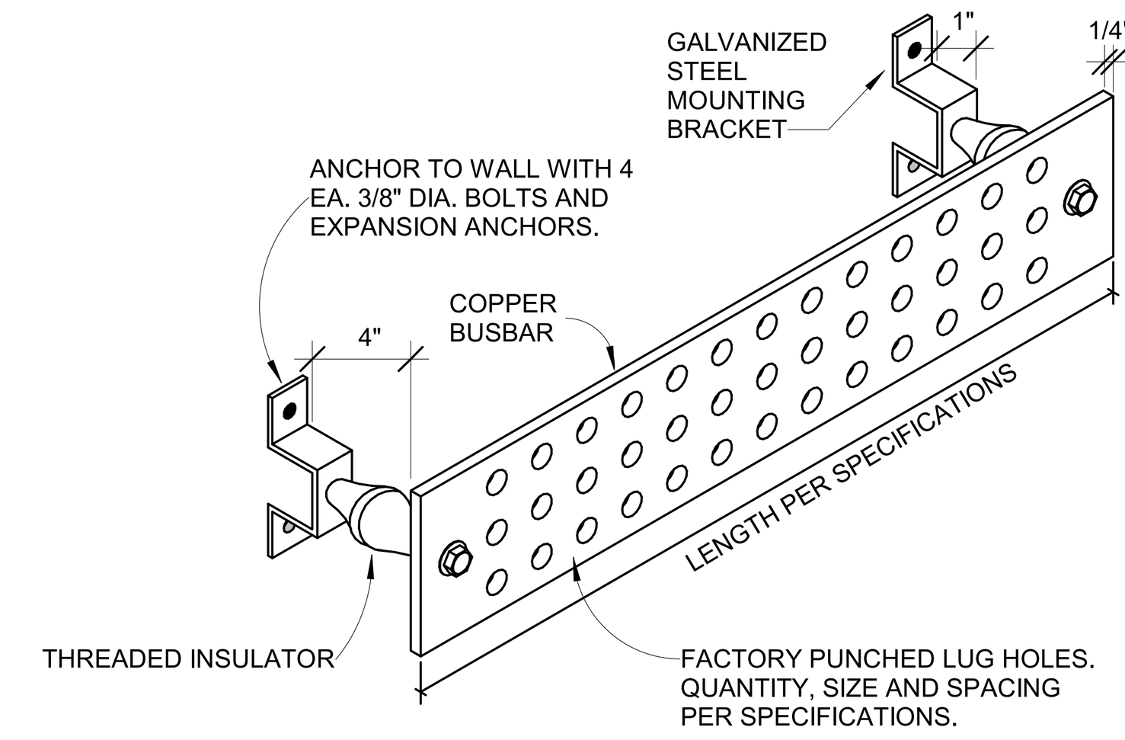
SCHEDULES AND RISER DIAGRAMS
DATE ISSUED: 07/15/2024

REVISIONS

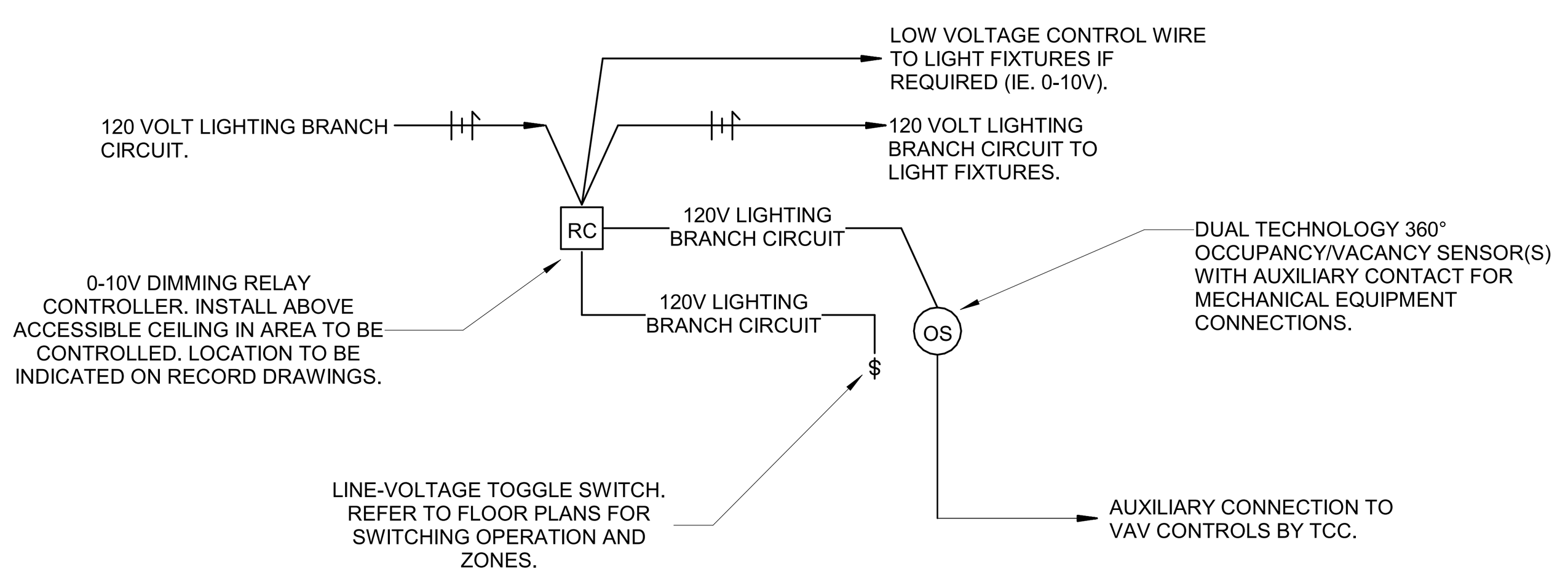
#	DATE	DESCRIPTION
2	10/08/2024	PR-06



1 SERVICE ENTRANCE GROUNDING DETAIL
SCALE: NONE



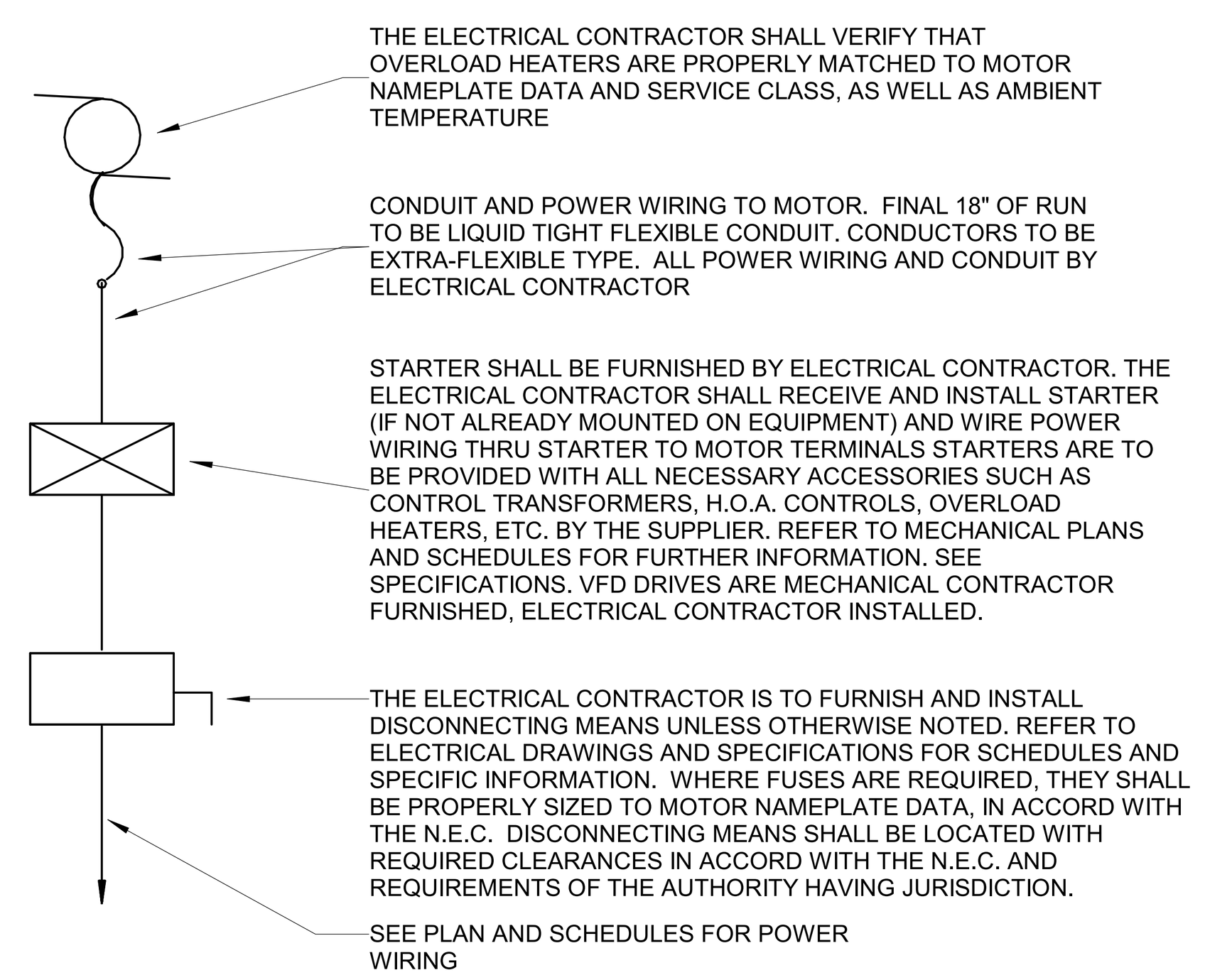
2 GROUND BUS BAR MOUNTING
SCALE: NONE



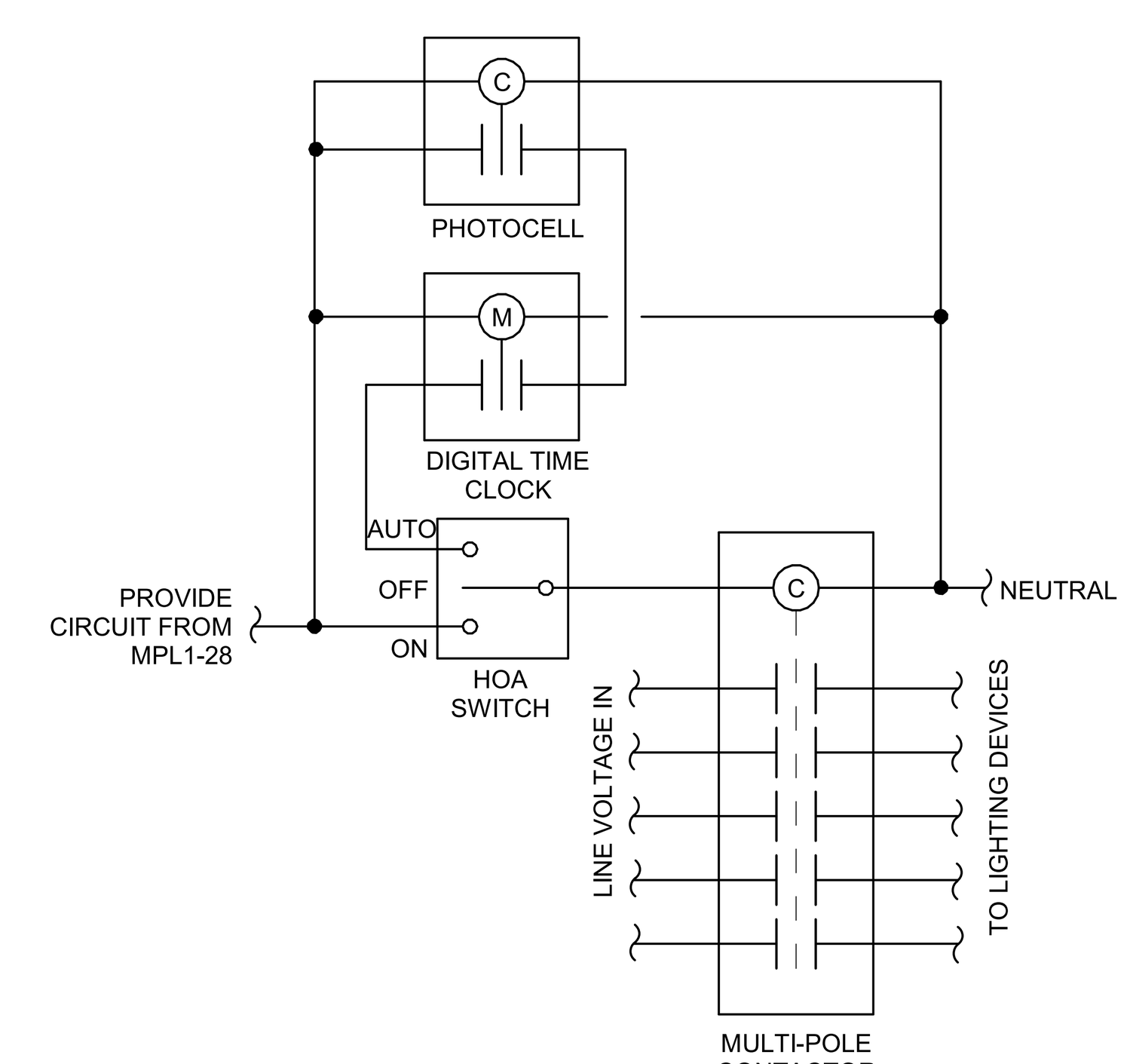
GENERAL NOTES:

A. STAND ALONE OCCUPANCY SENSOR CONTROL ZONES WITH NO SWITCHING INDICATED ON FLOORPLANS SHALL BE CONTROLLED BY OCCUPANCY SENSOR ONLY. CONTROL SEQUENCE SHALL BE ON/OFF DEPENDANT UPON OCCUPANT DETECTION.
B. STAND ALONE OCCUPANCY SENSOR CONTROL ZONES WITH SWITCHES INDICATED ON FLOORPLANS SHALL FUNCTION AS VACANCY SENSORS. FIXTURES SHALL NOT TURN ON UPON OCCUPANT DETECTION. FIXTURES SHALL TURN ON TO 50% DIMMED WHEN WALL SWITCH IS ACTIVATED. PROVIDE ADDITIONAL UP/DOWN DIMMING CONTROLS WHERE DIMMING SWITCHES ARE INDICATED ON FLOORPLANS. (FIXTURES SHALL REMAIN "OFF" WHEN OCCUPANTS ARE INITIALLY DETECTED IF DIMMING SWITCHES NOT INDICATED ON FLOORPLANS.)
C. ALL LIGHTING CONTROL SYSTEMS SHALL COMPLY WITH THE MOST CURRENT ENERGY CODE. REFER TO PROJECT MANUAL FOR EXACT ENERGY CODE REFERENCED.
D. ACCEPTABLE MANUFACTURERS SHALL BE SENSORSWITCH, WATTSTOPPER OR LEVITON EQUAL.

3 TYPICAL STAND ALONE LIGHTING CONTROL DIAGRAM
SCALE: NONE



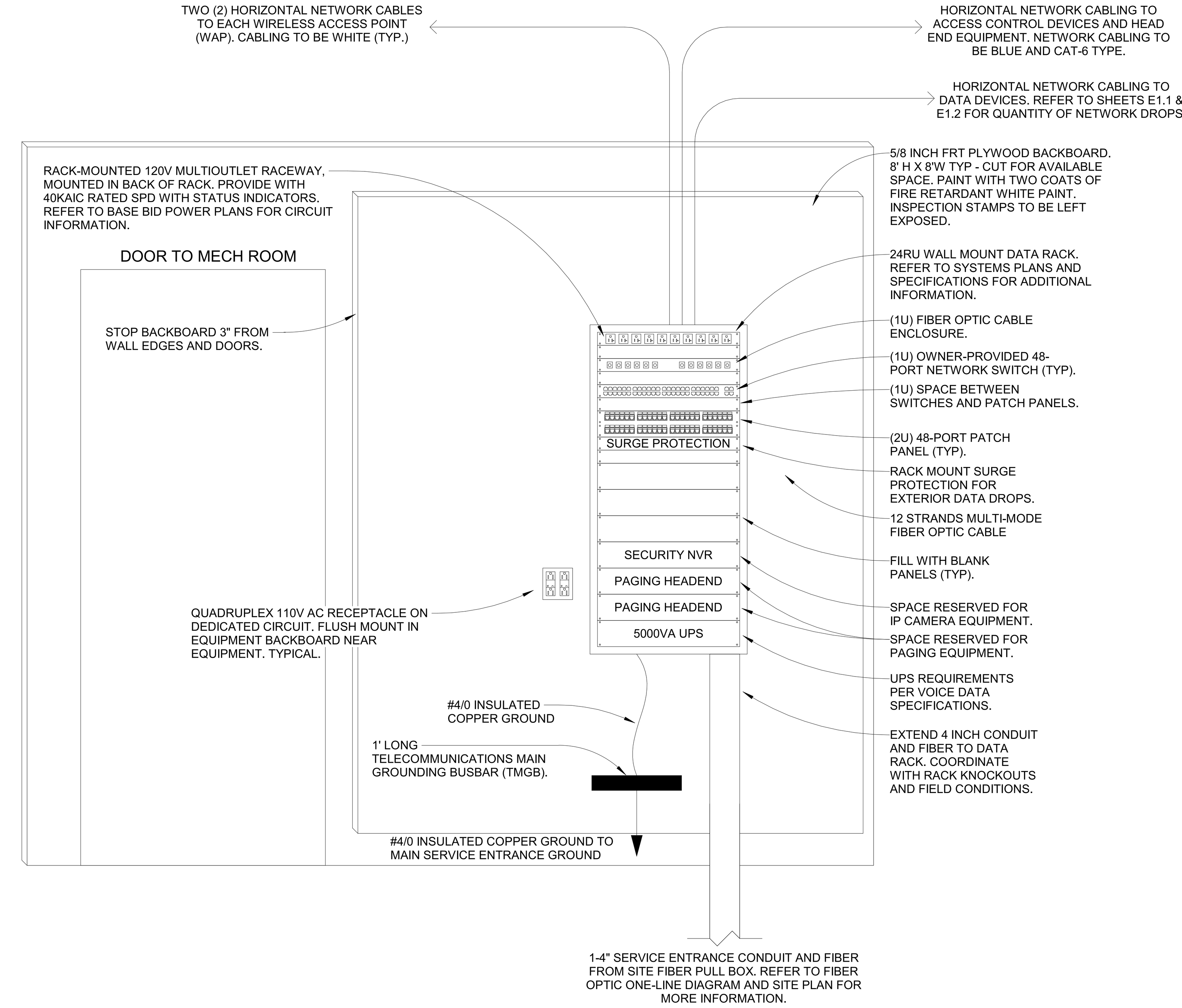
4 DETAIL OF TYPICAL MOTOR/STARTER INSTALLATION
SCALE: NONE



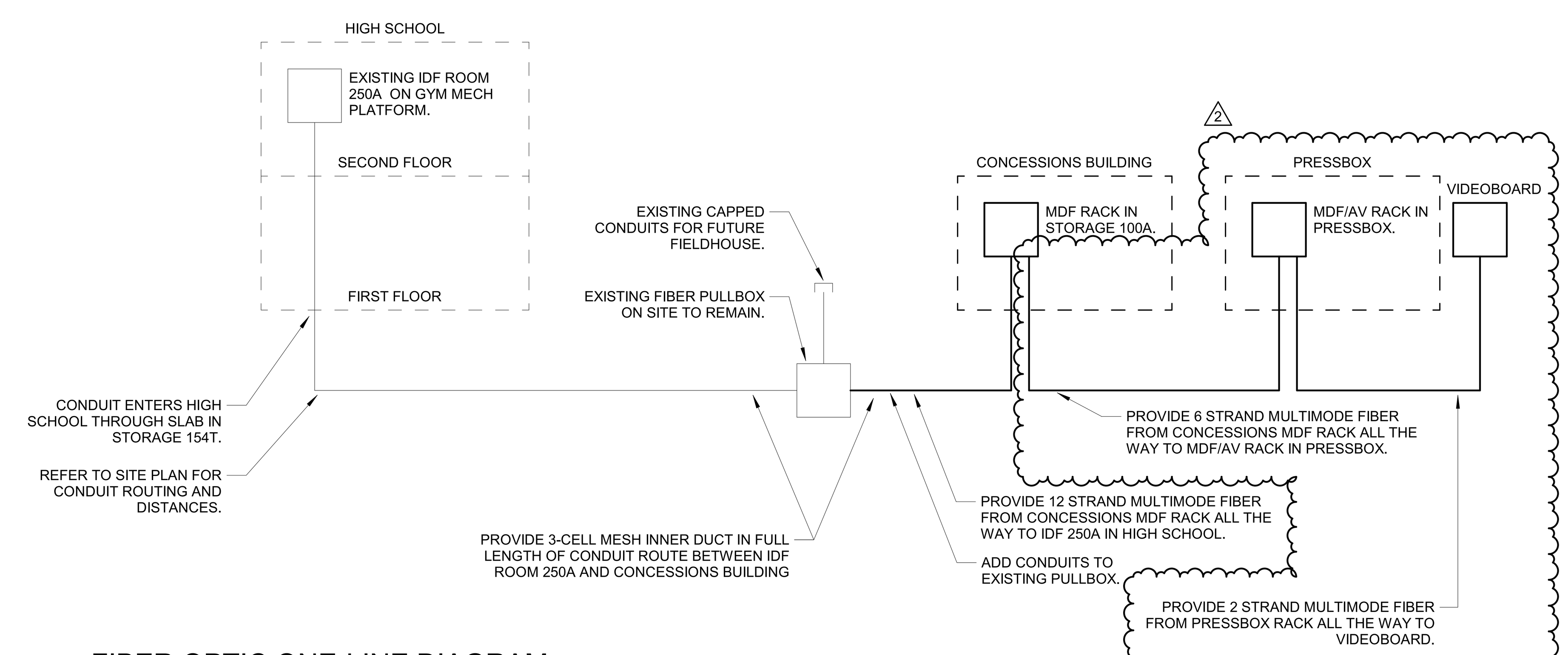
NOTES:

1. LOCATE CONTACTOR, HOA SWITCH, AND TIMECLOCK IN MECH 104.
2. INSTALL TIME CLOCK AND CONTACTOR(S) IN HINGED ENCLOSURE RATED FOR ENVIRONMENT INSTALLED.
3. HOA TO BE OPERABLE WITHOUT OPENING ENCLOSURE.
4. INSTALL PHOTOCELL ON ROOF FACING NORTH UNLESS OTHERWISE NOTED ON PLANS.

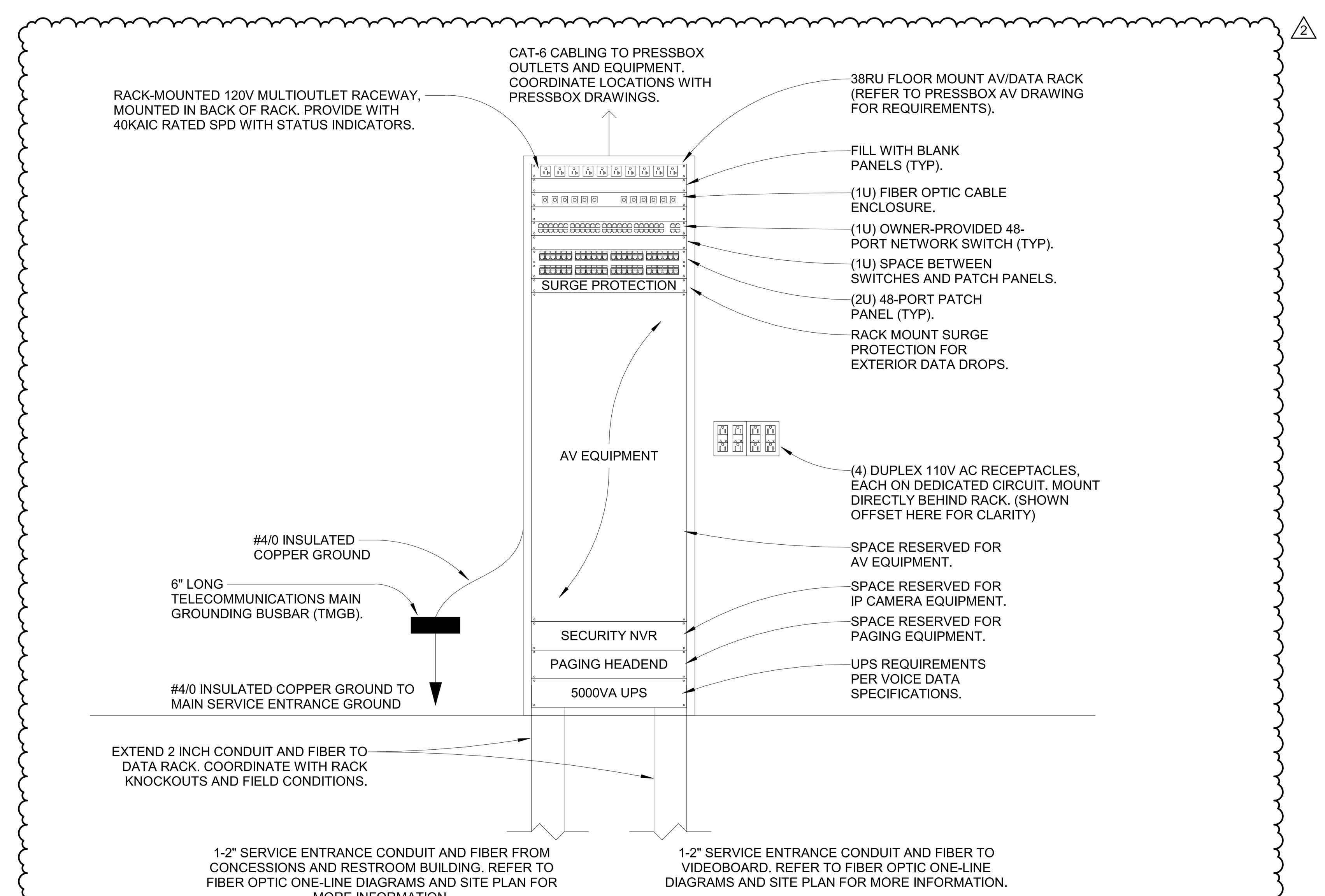
7 LIGHTING CONTROL WIRING
SCALE: NONE



5 COMMUNICATIONS RISER DIAGRAM
SCALE: NONE



6 FIBER OPTIC ONE-LINE DIAGRAM
SCALE: NONE



8 COMMUNICATIONS RISER DIAGRAM - PRESSBOX
SCALE: NONE

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

STATE OF KENTUCKY
COREY J. CARRICO
30639
LICENSED
PROFESSIONAL ENGINEER

CMTA

ELECTRICAL DETAILS
WOODFORD COUNTY HIGH SCHOOL CONCESSIONS & RESTROOMS
FOR:
WOODFORD COUNTY BOARD OF EDUCATION
330 Pisgah Pike, Versailles, Kentucky 40383

BG# 23-120
Project No: 1916/XWCH19-01
Drawn By: JJW
Rev'd By: CJC

SHEET RELEASE	
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CONSTRUCTION DOCUMENTS

E3.0
ELECTRICAL DETAILS

DATE ISSUED: 07/15/2024

AIA® Document G731™ – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: *(name and address)*
Woodford County High School Phase 2
145 School House Road, Versailles, KY 40383

OWNER: *(name and address)*
Woodford County Board of Education
330 Pisgah Pike, Versailles, KY 40383

CONTRACTOR: *(name and address)*
Rising Sun Developing
2555 Palumbo Drive, Ste 110, Lexington, KY 40509

CONTRACT INFORMATION:
Contract For: BP02
Date: February 27, 2023

ARCHITECT: *(name and address)*
RossTarrant Architects
101 Old Lafayette Avenue,
Lexington, KY 40502

CHANGE ORDER INFORMATION:
Change Order Number: 02-04
Date: 11/16/2024

CONSTRUCTION MANAGER: *(name and address)*
Trace Creek Construction, Inc.
127 Market St., Vanceburg, KY 41179

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

PR #5- Electrical at fence

The original Contract Sum was	$	1,645,014.00
Net change by previously authorized Change Orders	$	208,706.12
The Contract Sum prior to this Change Order was	$	1,853,720.12
The Contract Sum will be decreased by this Change Order in the amount of	$	1,376.66
The new Contract Sum including this Change Order will be	$	1,852,343.46

The Contract Time will be unchanged by Zero (0) days.
The Contractor's Work shall be substantially complete on 1/6/2025.

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

RossTarrant Architects **ARCHITECT** *(Firm name)*	Trace Creek Construction, Inc. **CONSTRUCTION MANAGER** *(Firm name)*
SIGNATURE	**SIGNATURE**
Michael Hughes, Project Manager **PRINTED NAME AND TITLE**	Clay Ratliff, Vice President **PRINTED NAME AND TITLE**
11/16/2024 **DATE:**	11/16/2024 **DATE:**
Rising Sun Developing **CONTRACTOR** *(Firm name)*	Woodford County Board of Education **OWNER** *(Firm name)*
SIGNATURE	**SIGNATURE**
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**
DATE:	**DATE:**

FACPAC Contract Change Order Supplemental Information Form (Ref# 61261)

Form Status: Saved

Tier 1 Project: High School Project Phase 2 Practice Field & Track - 20220829124351

BG Number: 23-120 District: Woodford County (HB678) (601)

Status: Active Phase: Project Initiation (View Checklist)

Contract: Rising Sun Developing, Inc., 0002, General Trades

Type: CM Bid Package Proposed

Change Order Number	02-04
Time Extension Required	No
Date Of Change Order	11/16/2024
Change Order Amount To Date	Decrease

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	$684,002.00
Net Approved COs	$341,480.32
Remaining After Approved COs	$342,521.68
Net All COs	$340,103.66
Remaining After All COs	$343,898.34

This Requested Change Order Amount +/-	($1,376.66)
Change In A/E Fee This Change Order +/-	$0.00
Change In CM Fee This Change Order +/-	$0.00
Remaining Construction Contingency Balance	$304,650.89
Contract Change Requested By	Architect/Engineer
Contract Change Reason Code	Reduction of Scope

Change Order Description And Justification

Electrical outlets removed from fence due to fence alternate not being accepted.

Cost Benefit To Owner

Cost savings to the owner for scope that is no longer required or needed.

Contract unit prices have been utilized to support the cost associated with this change order. No

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	($957.65)	69.56%
Materials	($419.01)	30.44%
Profit and Overhead		0.00%
Bond Insurance		0.00%
Cost Breakdown Total:	$-1,376.66	

Cost for this Change Order supported by an alternate bid or competitive price quote No

Explain Why

Pricing was reviewed by CM and Design Team and deemed to be accurate and fair.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 61261)

	11/16/2024
Architect	Date
	11/16/2024
Construction Manager	Date
Finance Officer	Date
Local Board of Education Designee	Date

AIA® Document G731™ – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: *(name and address)*
Woodford County High School Phase 2
145 School House Road, Versailles, KY 40383

OWNER: *(name and address)*
Woodford County Board of Education
330 Pisgah Pike, Versailles, KY 40383

CONTRACTOR: *(name and address)*
Olympic Construction, LLC
Nicholasville, KY 40383

CONTRACT INFORMATION:
Contract For: BP05
Date: September 19, 2024

ARCHITECT: *(name and address)*
RossTarrant Architects
101 Old Lafayette Avenue,
Lexington, KY 40502

CHANGE ORDER INFORMATION:
Change Order Number: 05-01
Date: 11/16/2024

CONSTRUCTION MANAGER: *(name and address)*
Trace Creek Construction, Inc.
127 Market St., Vanceburg, KY 41179

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

PR 06-Bleachers

The original Contract Sum was	$	874,389.66
Net change by previously authorized Change Orders	$	0.00
The Contract Sum prior to this Change Order was	$	874,389.66
The Contract Sum will be increased by this Change Order in the amount of	$	306,035.70
The new Contract Sum including this Change Order will be	$	1,180,425.36

The Contract Time will be increased by Thirty-Six (36) days.
The Contractor's Work shall be substantially complete on 2/10/2025.

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

RossTarrant Architects	Trace Creek Construction, Inc.
ARCHITECT *(Firm name)*	**CONSTRUCTION MANAGER** *(Firm name)*
SIGNATURE	**SIGNATURE**
Michael Hughes, Project Manager	Clay Ratliff, Vice President
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**
11/16/2024	11/16/2024
DATE:	**DATE:**
Olympic Construction, LLC	Woodford County Board of Education
CONTRACTOR *(Firm name)*	**OWNER** *(Firm name)*
SIGNATURE	**SIGNATURE**
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**
DATE:	**DATE:**

FACPAC Contract Change Order Supplemental Information Form (Ref# 61262)

Form Status: Saved

Tier 1 Project: High School Project Phase 2 Practice Field & Track - 20220829124351

BG Number: 23-120 District: Woodford County (HB678) (601)

Status: Active Phase: Project Initiation (View Checklist)

Contract: Olympic Construction, LLC, 0005, Concession and Restroom Building

Type: CM Bid Package Proposed

Change Order Number	05-01
Time Extension Required	Yes
If Yes Number Of Days	36
Date Of Change Order	11/16/2024
Change Order Amount To Date	Increase

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	$684,002.00
Net Approved COs	$341,480.32
Remaining After Approved COs	$342,521.68
Net All COs	$646,139.36
Remaining After All COs	$37,862.64

This Requested Change Order Amount +/-	$306,035.70
Change In A/E Fee This Change Order +/-	$17,444.03
Change In CM Fee This Change Order +/-	$13,771.60
Remaining Construction Contingency Balance	($32,600.44)
Contract Change Requested By	Local Board of Education; Owner
Contract Change Reason Code	Expansion of Scope

Change Order Description And Justification

Include all site, concrete, and utilities to allow for future 2,500 student grandstand and upgraded athletic lighting.

Cost Benefit To Owner

Prepares the owner for future expansion of seating.

Contract unit prices have been utilized to support the cost associated with this change order. Yes

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	$131,705.90	43.04%
Materials	$146,934.50	48.01%
Profit and Overhead	$27,395.30	8.95%
Bond Insurance		0.00%
Cost Breakdown Total:	$306,035.70	

Cost for this Change Order supported by an alternate bid or competitive price quote: No

Explain Why

Pricing has been reviewed by CM and Design Team and deemed to be fair and accurate.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 61262)

Architect	Date 11/16/2024
Construction Manager	Date 11/16/2024
Finance Officer	Date
Local Board of Education Designee	Date