INDEX TO DRAWINGS

HANSON ELEMENTARY SCHOOL

BG# 20-129

DESIGN DEVELOPMENT

APRIL 20, 2020

OWNER:

HOPKINS COUNTY SCHOOLS

SCB PROJECT NUMBER: 1992

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VICINITY MAP

SHERMAN CARTER BARNHART ARCHITECTS

SHERMAN CARTER BARNHART ARCHITECTS, PLLC

PROJECT MANAGER: (Project Managers Name and (AIA, LEED, etc. if any))

2405 HARRODSBURG ROAD
LEXINGTON, KY 40504-3329
PHONE: 859.224.1351
FAX: 859.224.8446

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ENGINEERING & TESTING, INC.
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PADUCAH, KY 42002
P (270) 444-9274 F (270) 443-1904

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500 S. 17TH ST./P.O. BOX 120
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P (270) 444-9274 F (270) 443-1904

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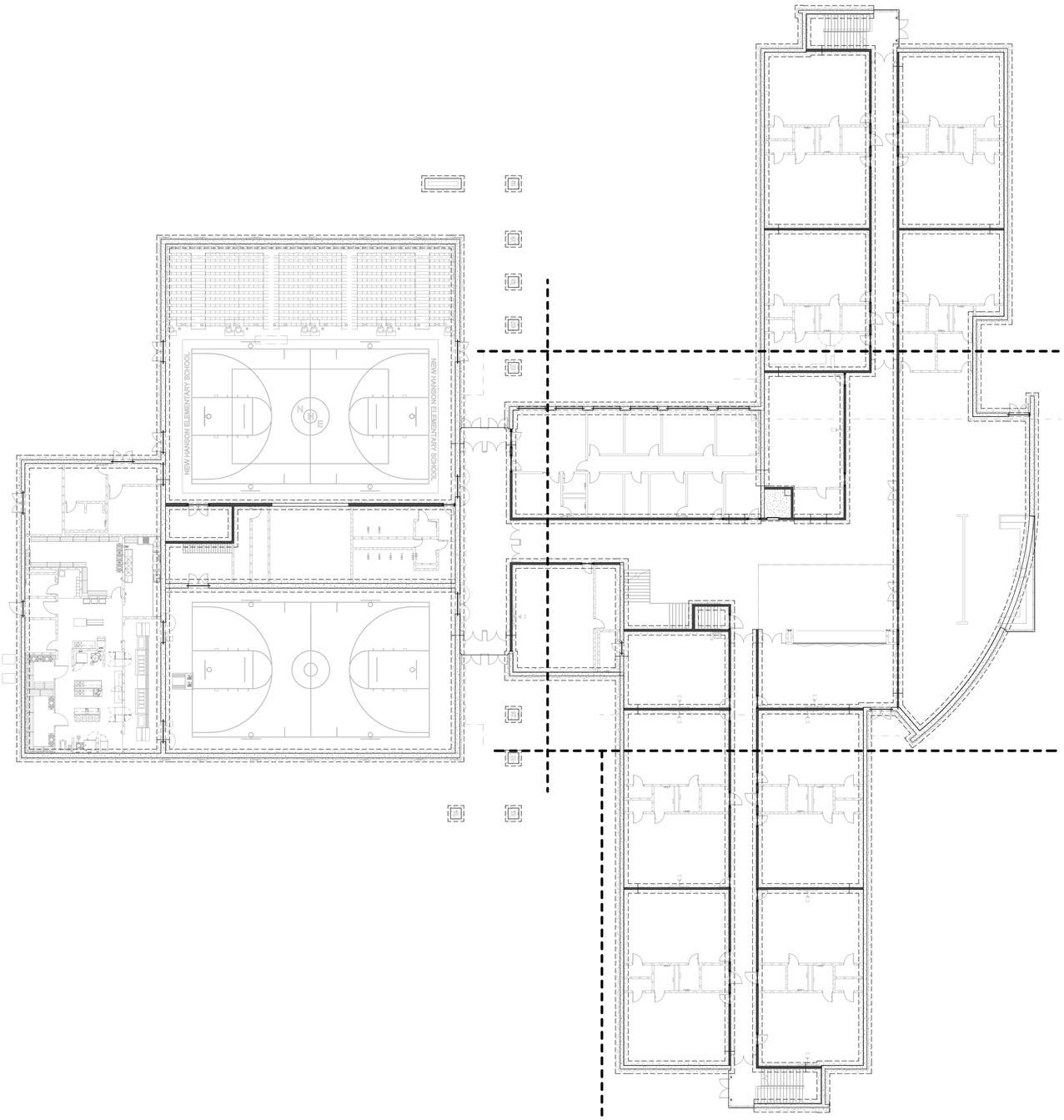
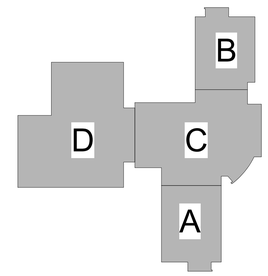


OVERALL FOUNDATION PLAN

1/16" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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FOUNDATION PLAN - OVERALL

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No.	Description	Date

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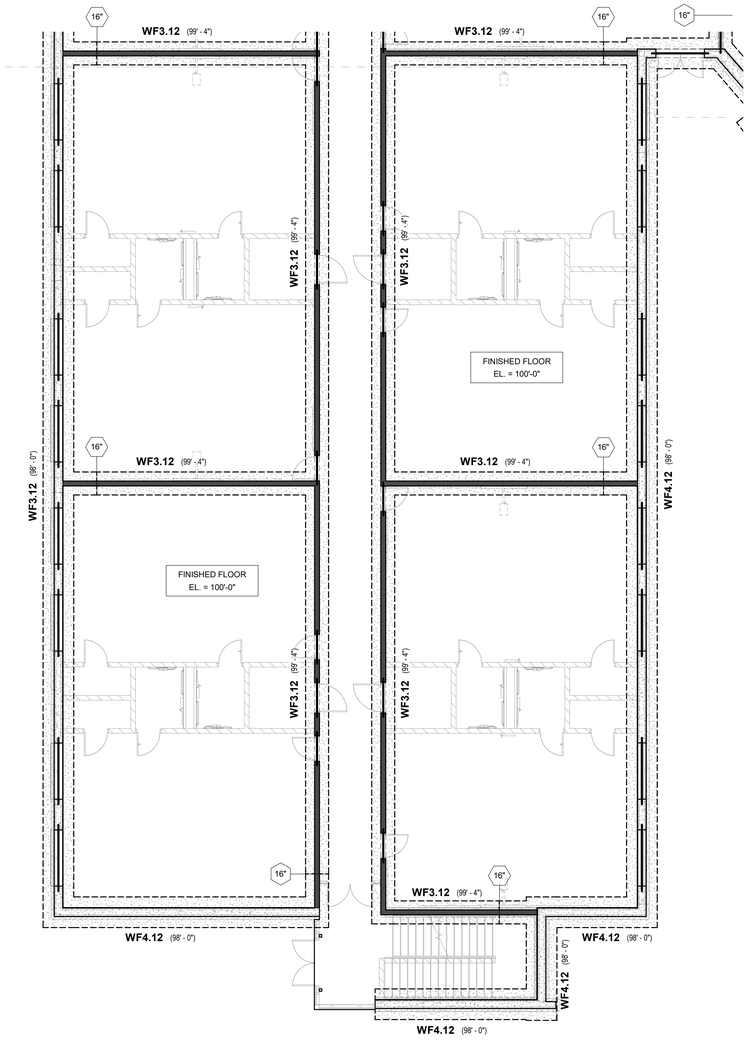
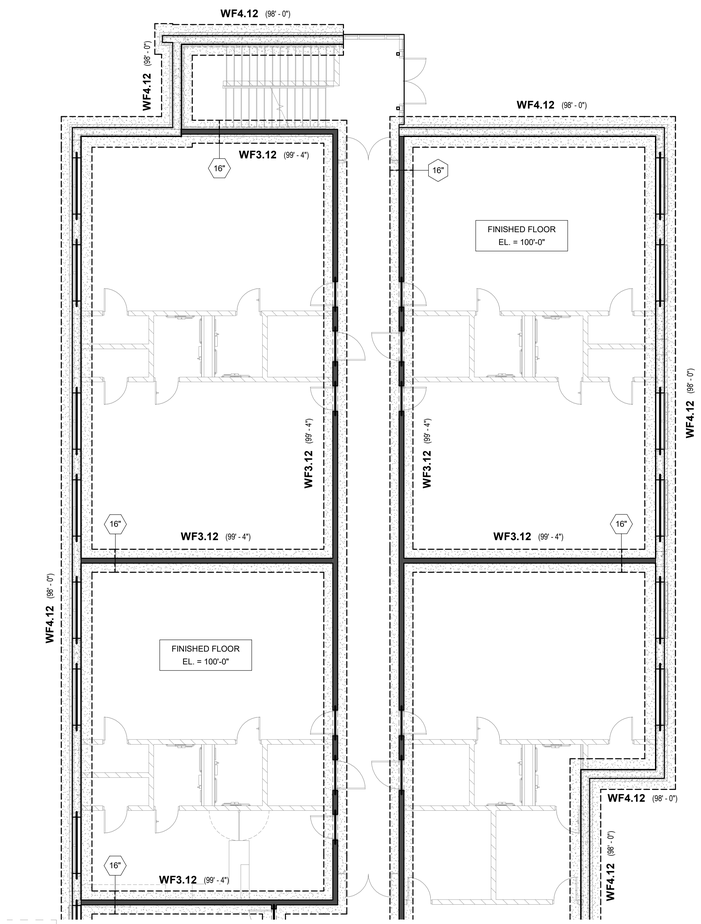


FOUNDATION PLAN - AREA A

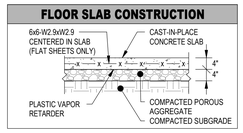
1/8" = 1'-0"



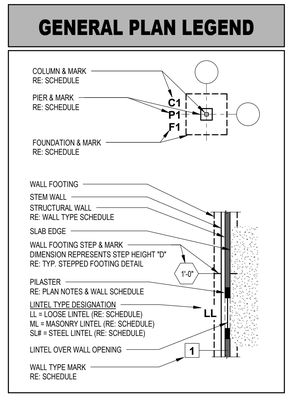
FOUNDATION PLAN - AREA B

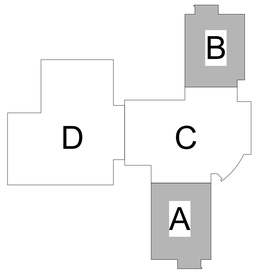
1/8" = 1'-0"

FLOOR SLAB CONSTRUCTION



GENERAL PLAN LEGEND





KEY PLAN

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FOUNDATION PLAN - AREA A & B

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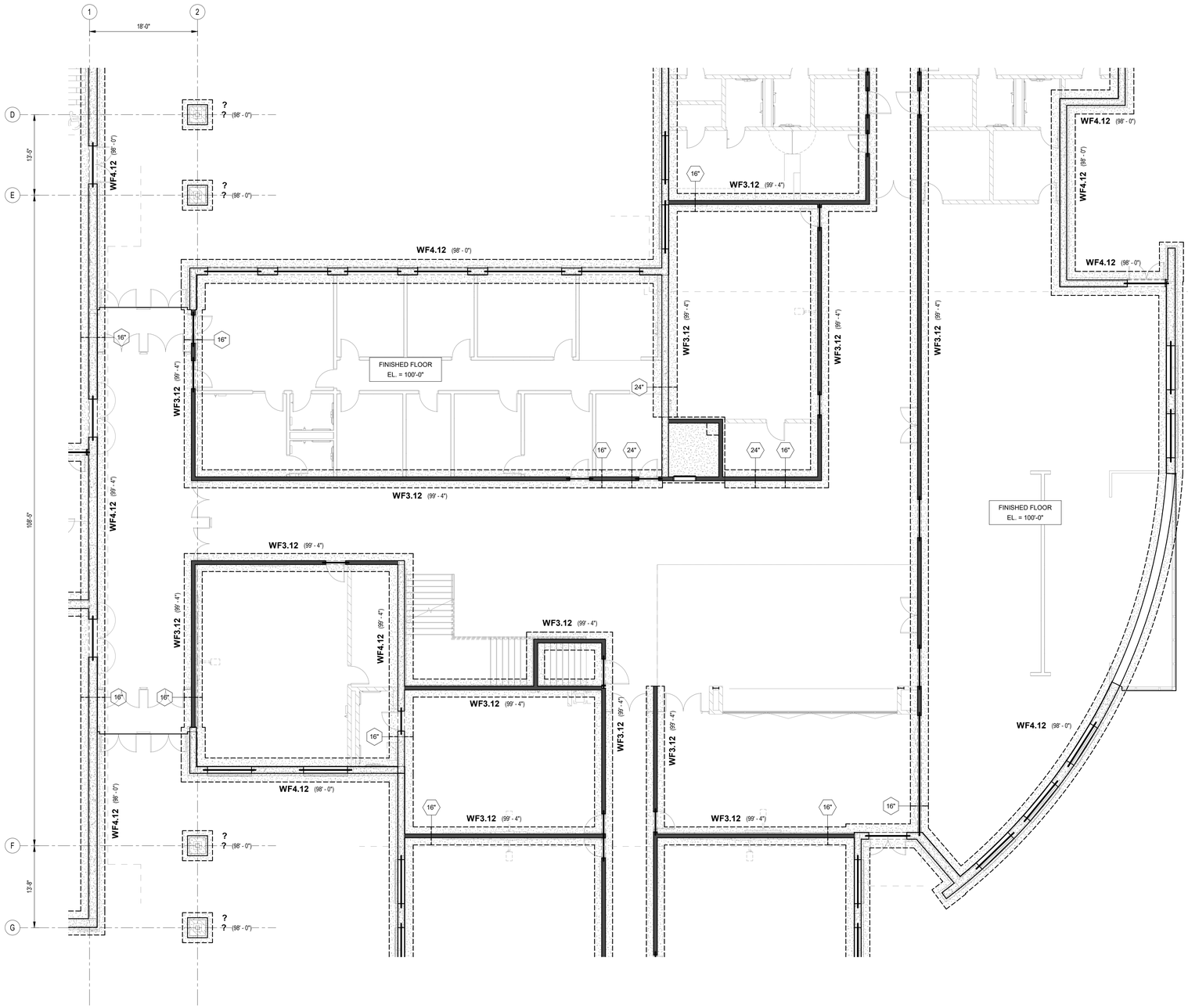
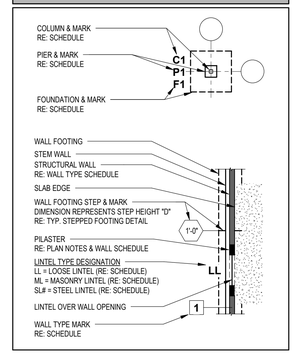


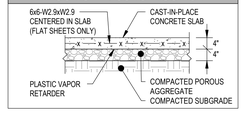
FOUNDATION PLAN - AREA C

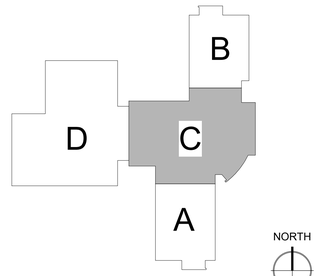
1/8" = 1'-0"

GENERAL PLAN LEGEND



FLOOR SLAB CONSTRUCTION





KEY PLAN

1" = 80'-0"

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FOUNDATION PLAN - AREA C

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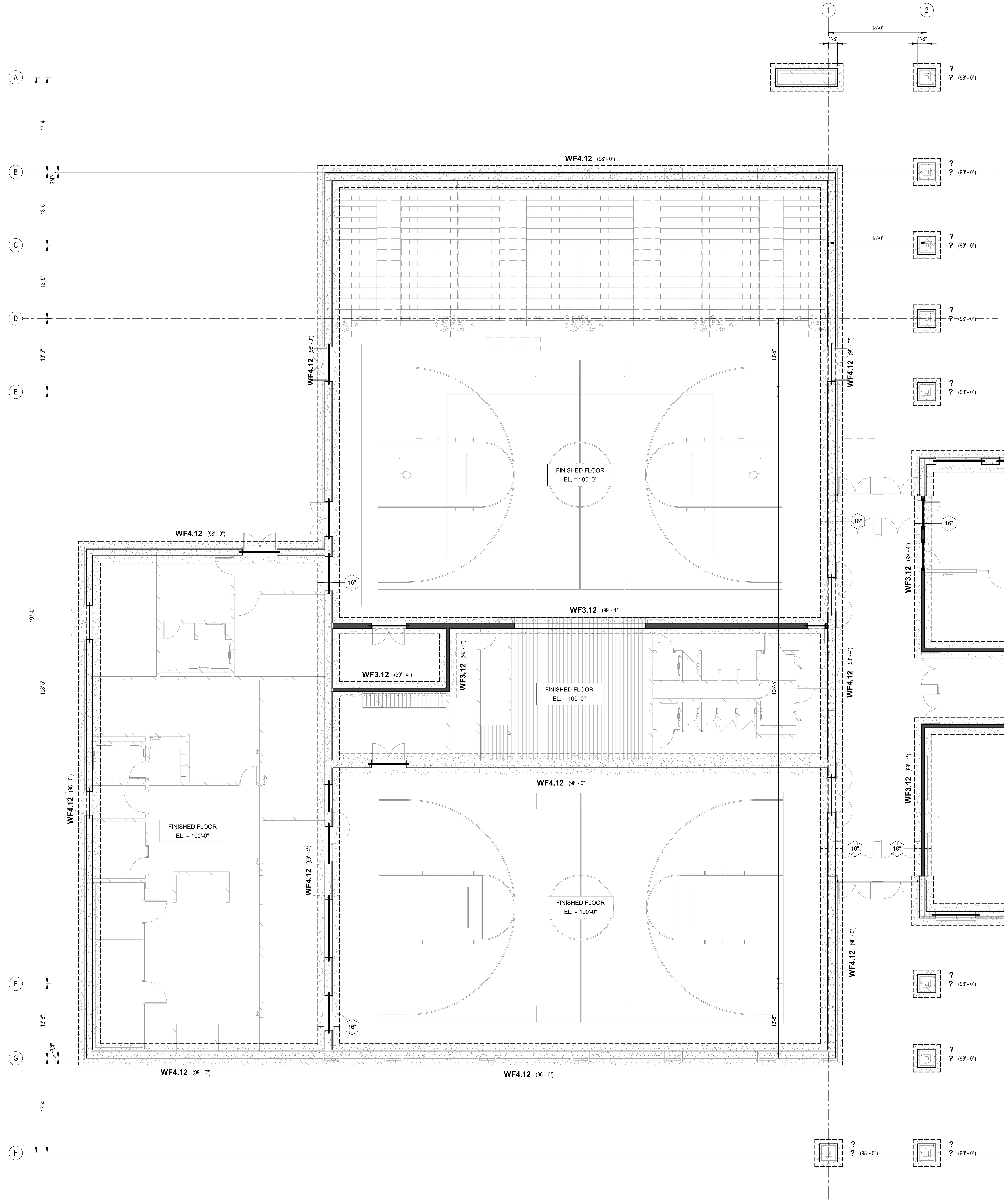
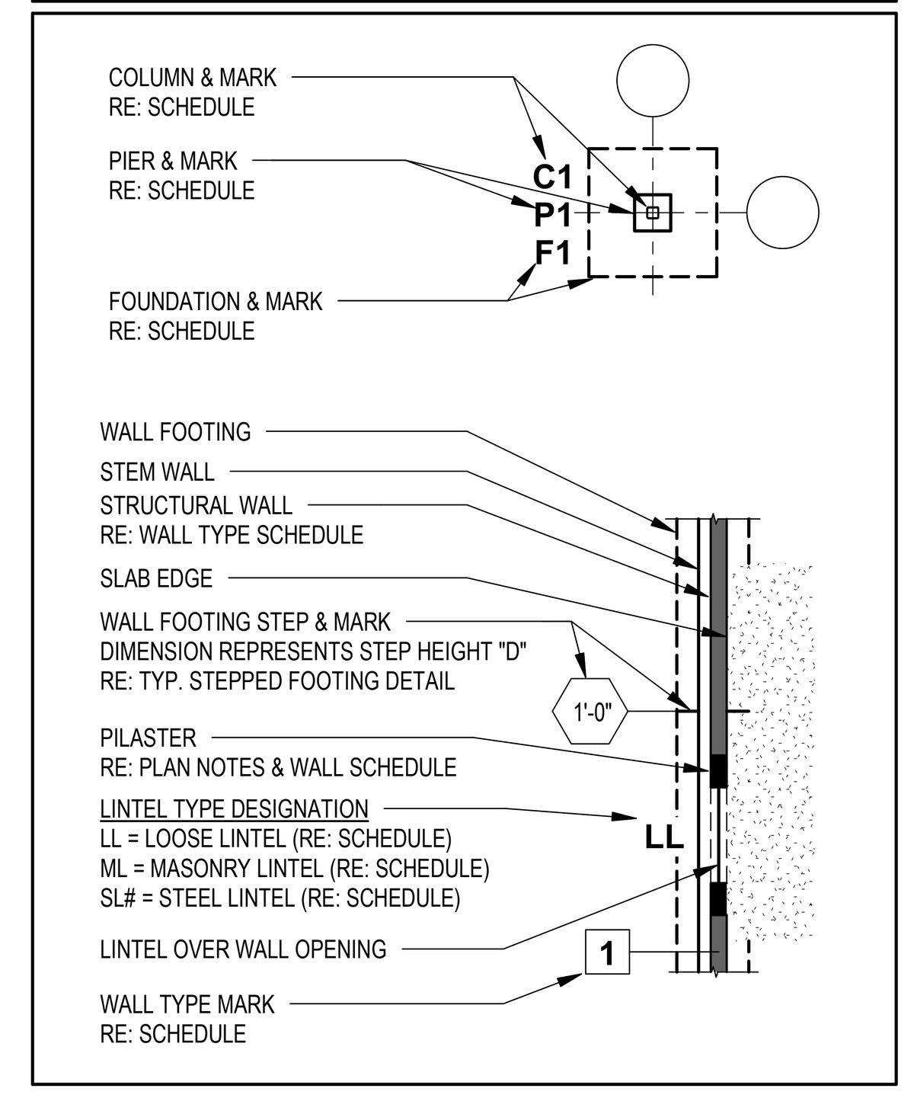


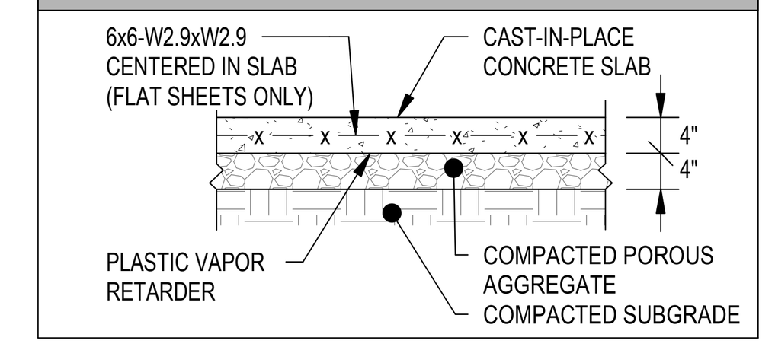
FOUNDATION PLAN - AREA D

1/8" = 1'-0"

GENERAL PLAN LEGEND



FLOOR SLAB CONSTRUCTION



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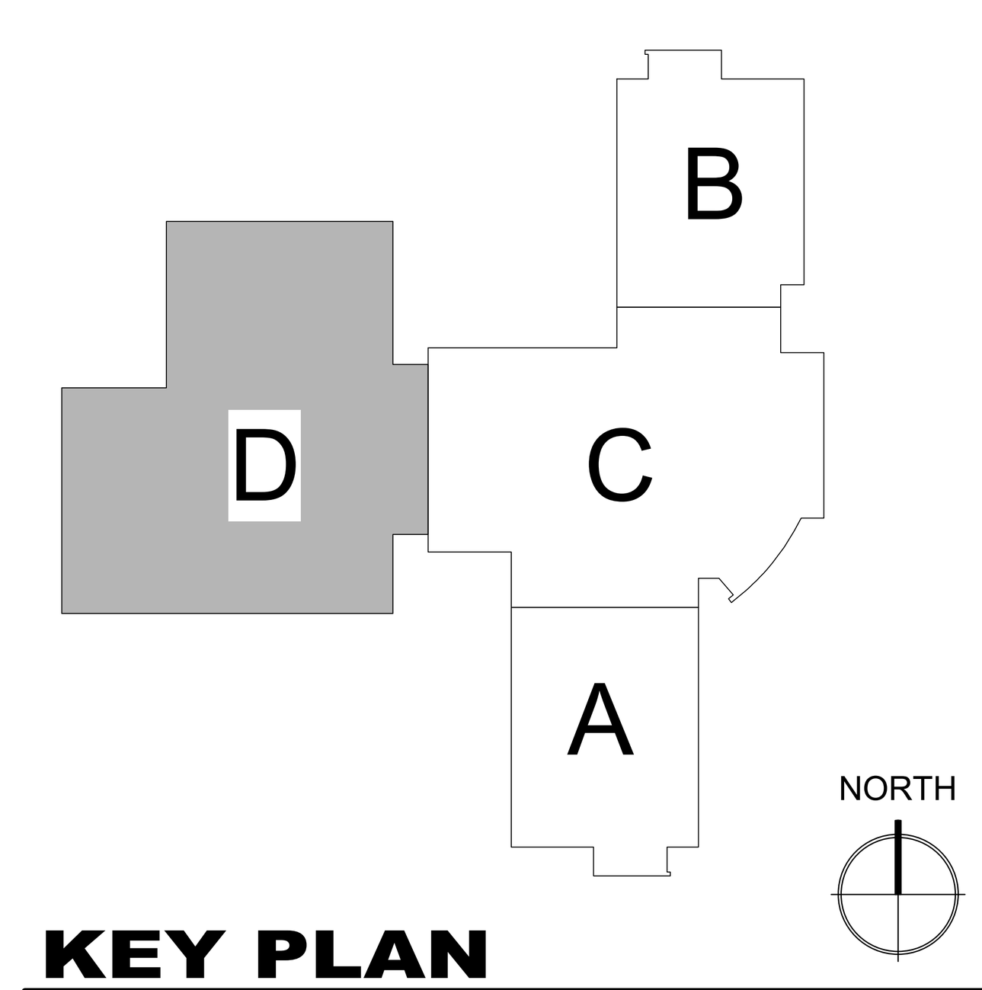

1" = 80'-0"

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FOUNDATION PLAN - AREA D

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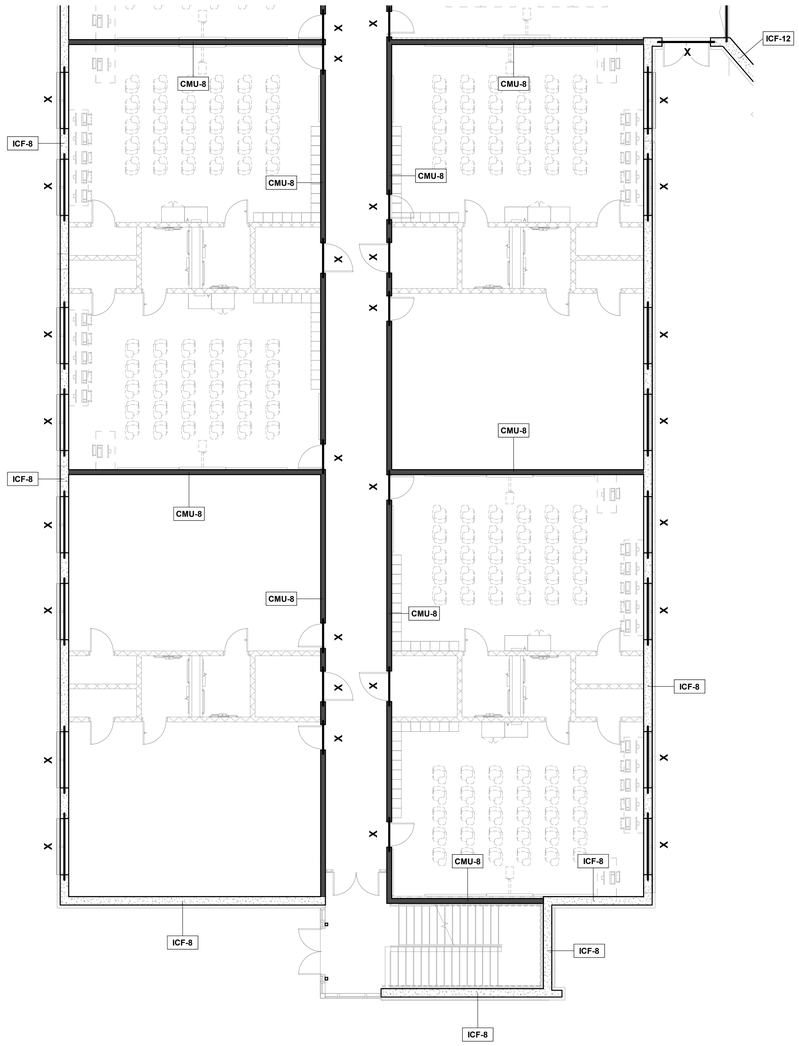
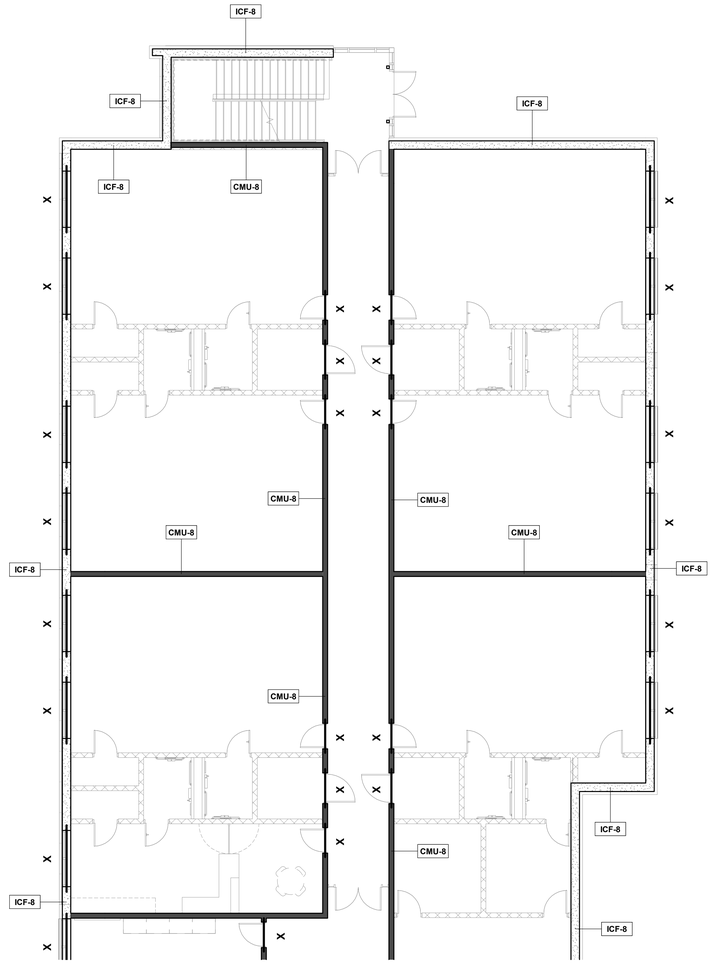


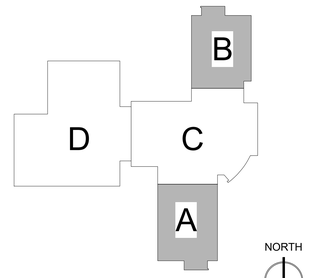
FIRST FLOOR WALL & LINTEL PLAN - AREA A

1/8" = 1'-0"



FIRST FLOOR WALL & LINTEL PLAN - AREA B

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

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(270) 442-8888

MARION
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MARION, IL 62959
(618) 997-5555

LEXINGTON
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LEXINGTON, KY 40507
(859) 368-1661

CHATTANOOGA
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CHATTANOOGA, TN 37415
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307 ARBOR RD., STE. 2
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FIRST FLOOR WALL & LINTEL PLAN - AREA A & B

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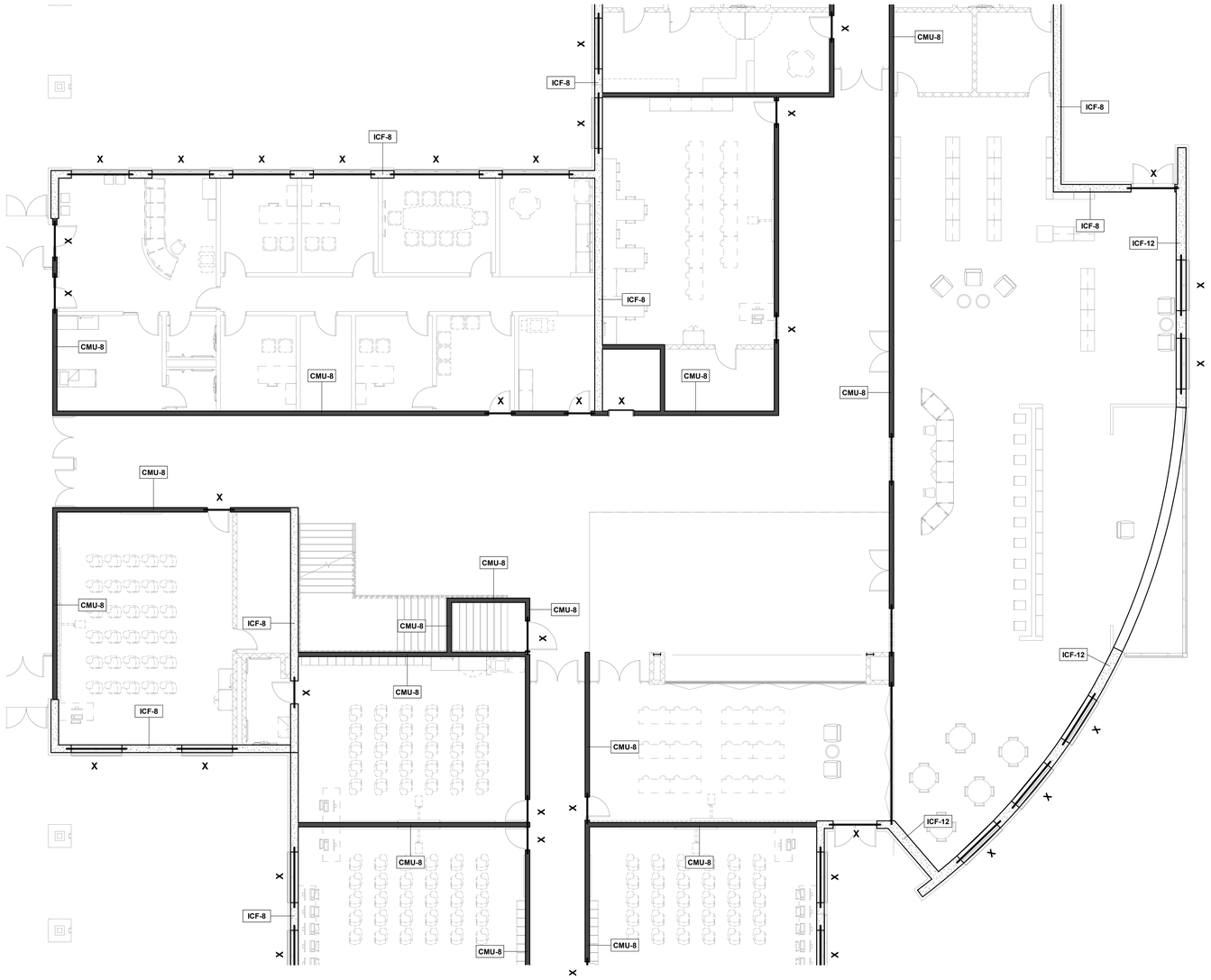
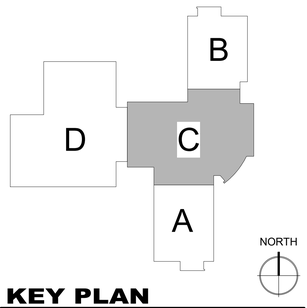


FIRST FLOOR WALL & LINTEL PLAN - AREA C

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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FIRST FLOOR WALL & LINTEL PLAN - AREA C

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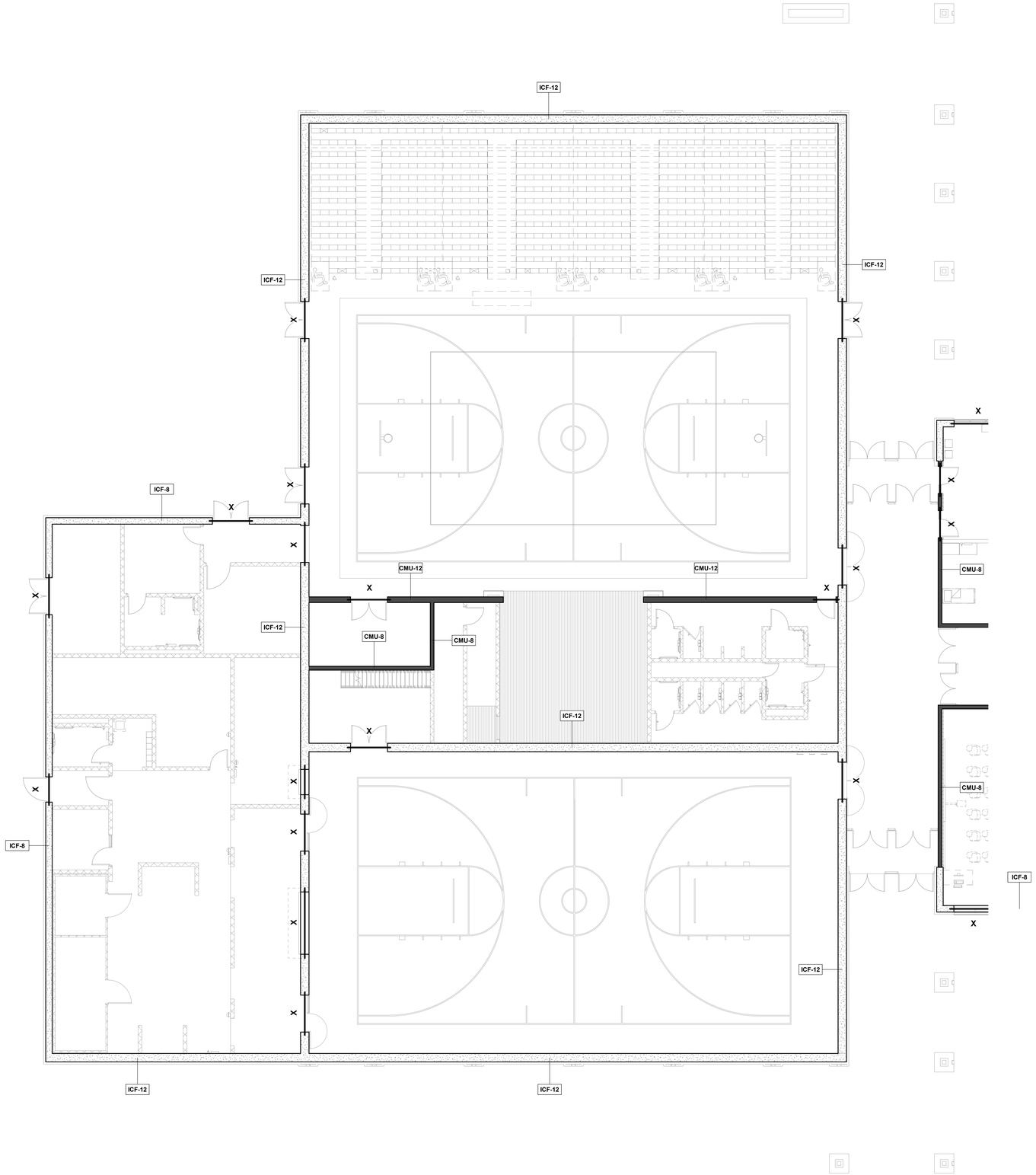
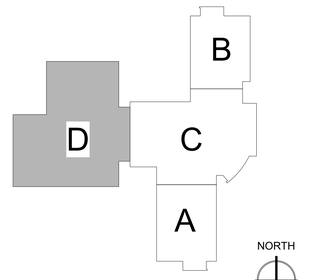


FIRST FLOOR WALL & LINTEL PLAN - AREA D

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

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FIRST FLOOR WALL & LINTEL PLAN - AREA D

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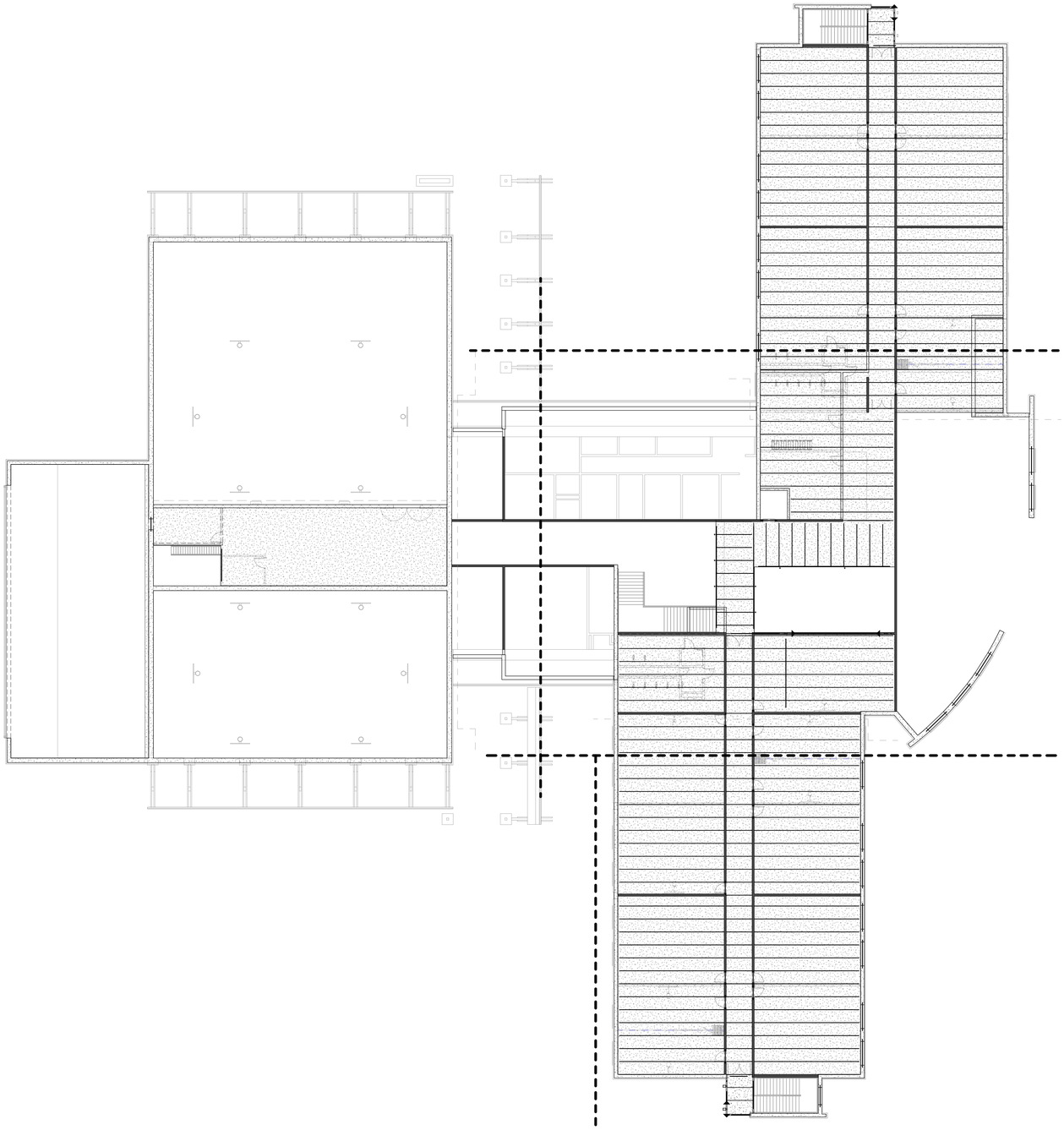
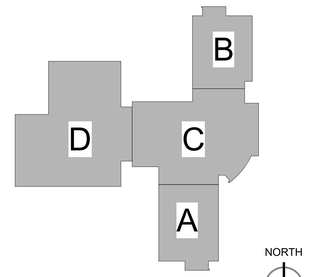


OVERALL SECOND FLOOR FRAMING PLAN

1/16" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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SECOND FLOOR FRAMING PLAN - OVERALL

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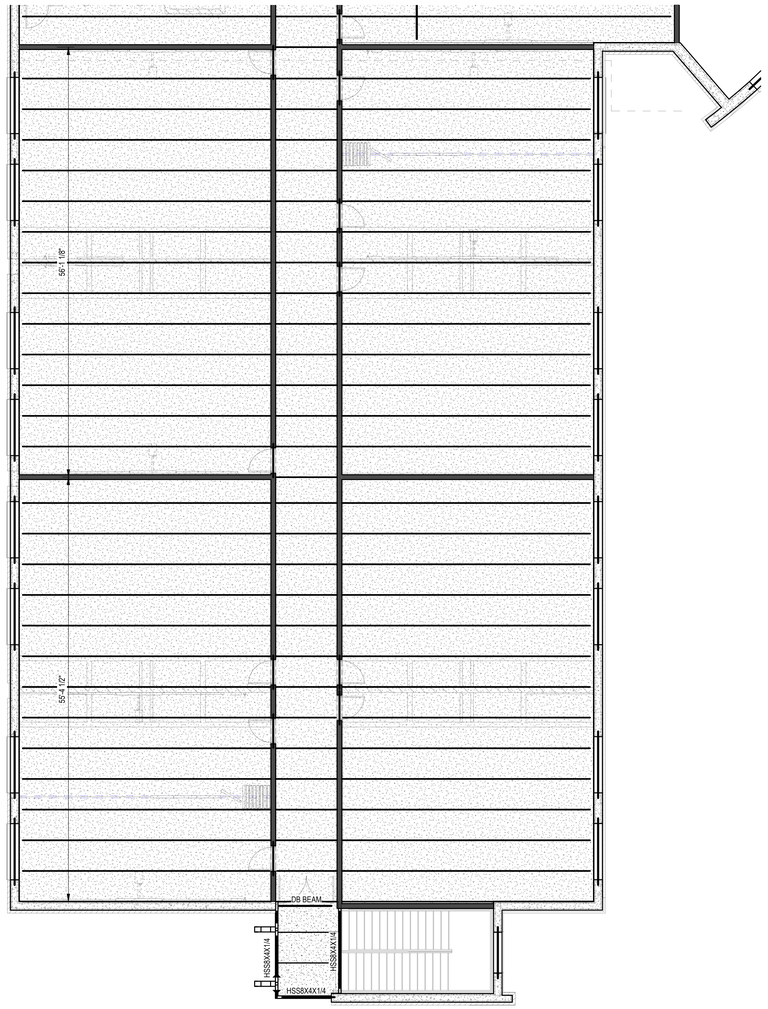
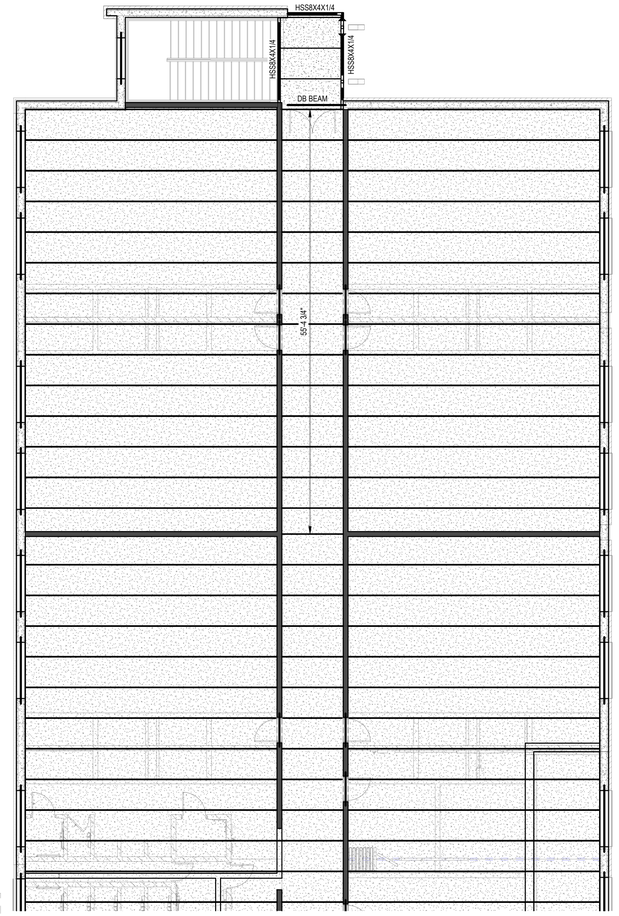


SECOND FLOOR FRAMING PLAN - AREA A

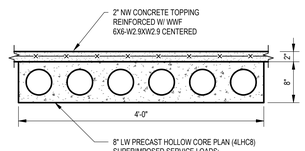
1/8" = 1'-0"



SECOND FLOOR FRAMING PLAN - AREA B

1/8" = 1'-0"

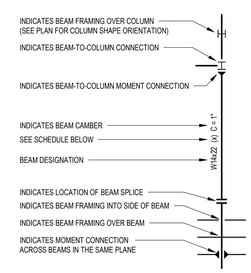
FLOOR DECK CONSTRUCTION



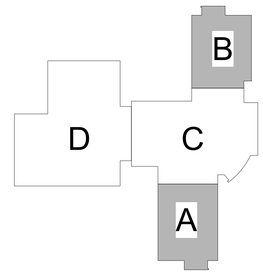
STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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(270) 247-8411

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LEBANON, TN 37091
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SECOND FLOOR FRAMING PLAN - AREA A & B

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S2.1

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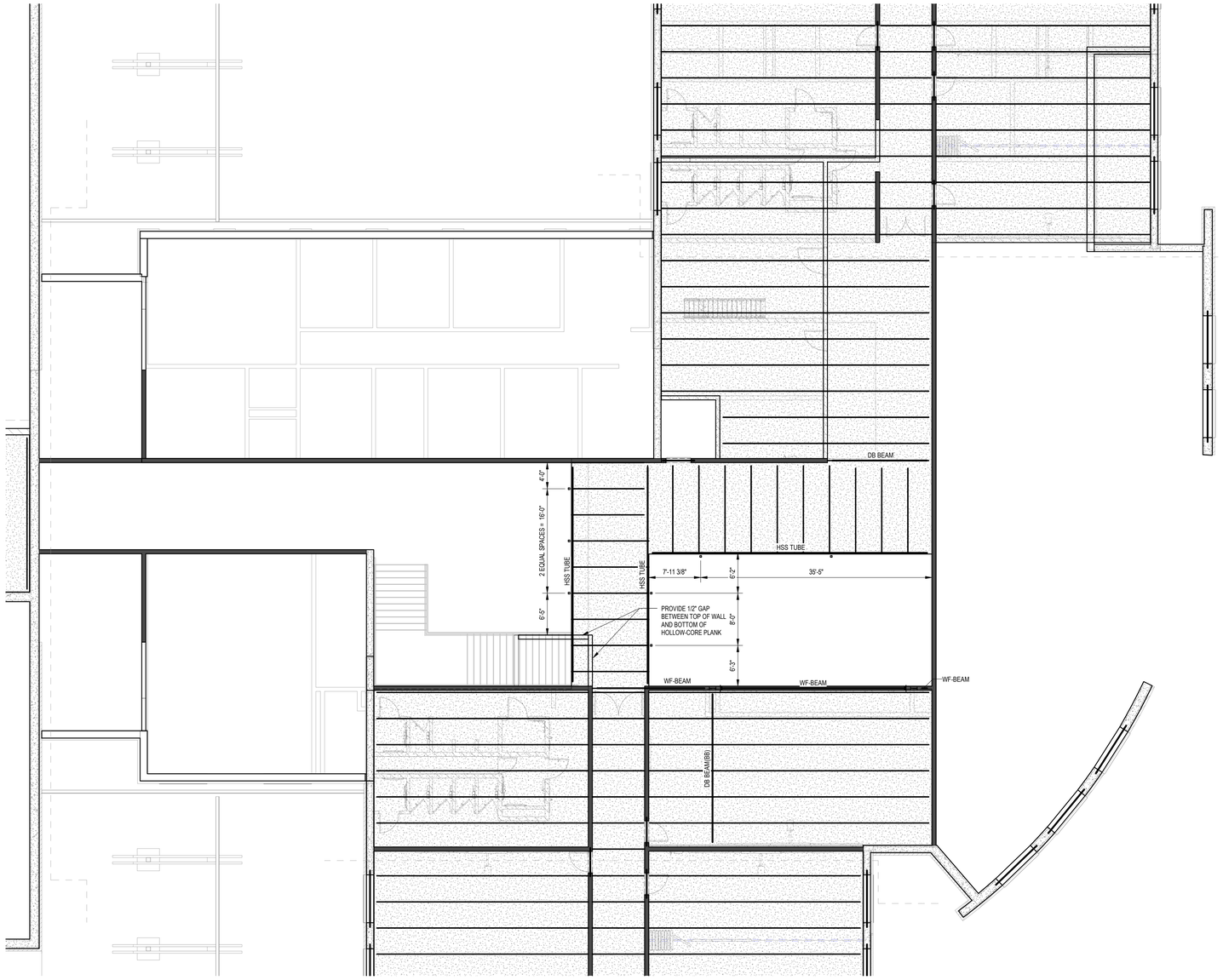


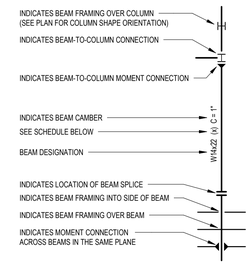
SECOND FLOOR FRAMING PLAN - AREA C

1/8" = 1'-0"

STRUCTURAL STEEL LEGEND

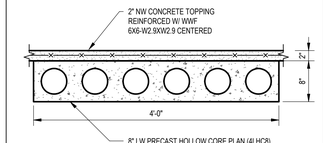
CONVENTIONAL CONSTRUCTION

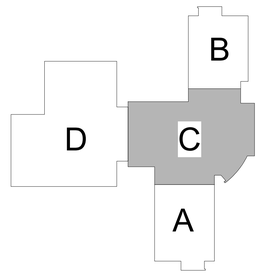
NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal

FLOOR DECK CONSTRUCTION





KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

BACON | FARMER | WORKMAN ENGINEERING & TESTING, INC.
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MT. VERNON 401 COURT ST. MARION, IL 62959 (618) 997-1805
PADUCAH 3501 E. MARKET, STE. 270 PADUCAH, KY 42001 (270) 443-8778
CHARTRAND 907 ARROW RD., STE. 2 CHARTRAND, KY 42321 (270) 384-2391
LEXINGTON 1401 NEW CIRCLE RD. LEXINGTON, KY 40507 (859) 309-1000
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SECOND FLOOR FRAMING PLAN - AREA C

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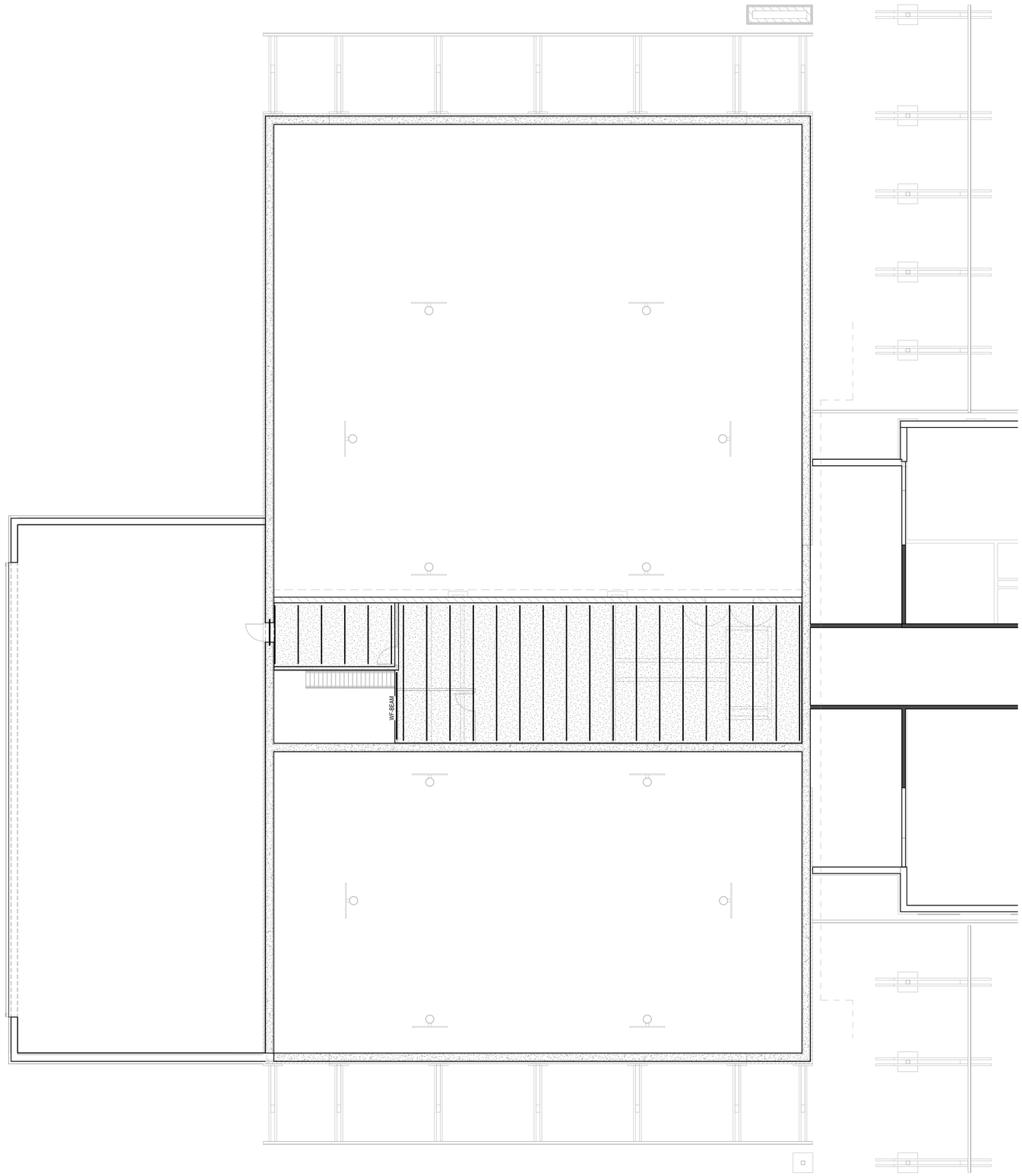


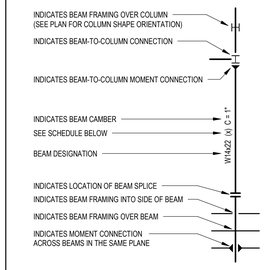
SECOND FLOOR FRAMING PLAN - AREA D

1/8" = 1'-0"

STRUCTURAL STEEL LEGEND

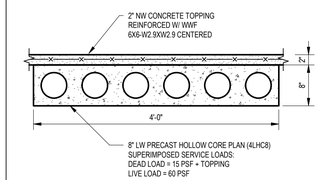
CONVENTIONAL CONSTRUCTION

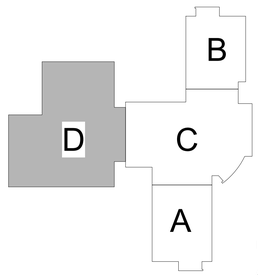
NOTE: Bar Joists shall bear on top of supporting structural elements with standard-depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal

FLOOR DECK CONSTRUCTION





KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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MARION, IL 62959 (618) 997-1805
ATLANTA: 1201 CRICKET CT. LAWRENCEVILLE, GA 30043 (770) 995-1555
LOUISVILLE: 9300 SHELBYVILLE RD. SUITE 1275 LOUISVILLE, KY 40222 (502) 412-6464
CHARLESTON: 300 E. MAIN ST., STE. 270 CHARLESTON, WV 25301 (304) 205-8080
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SECOND FLOOR FRAMING PLAN - AREA D

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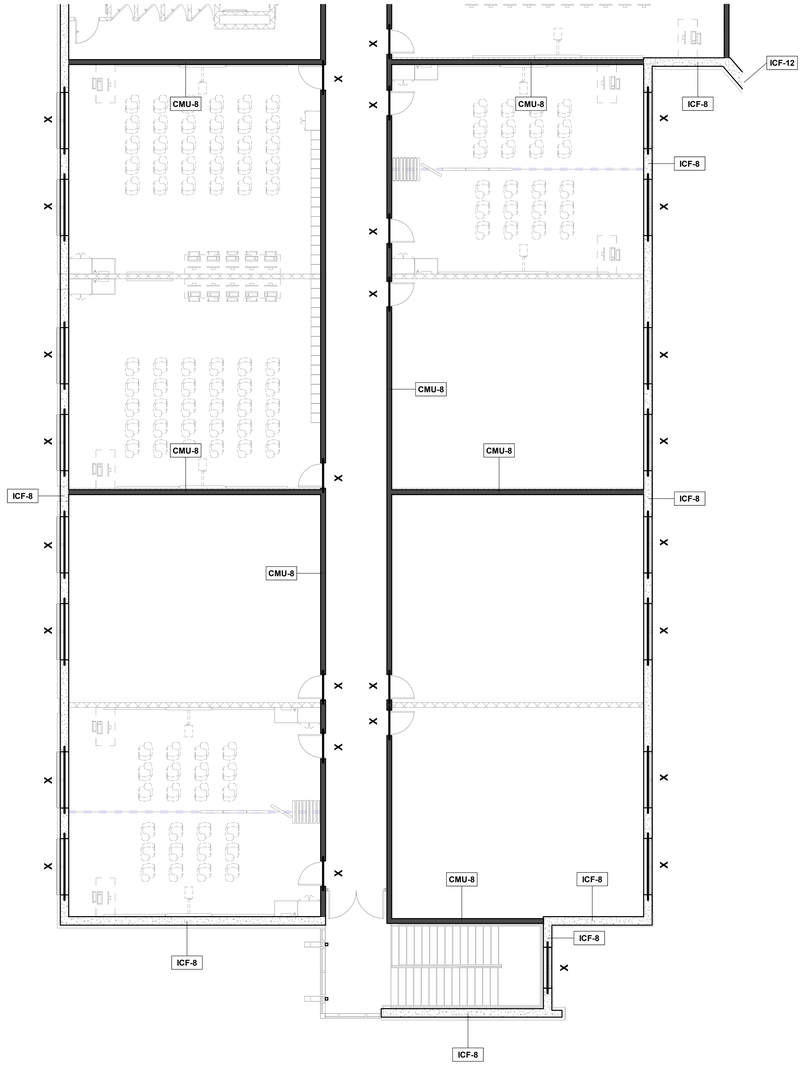
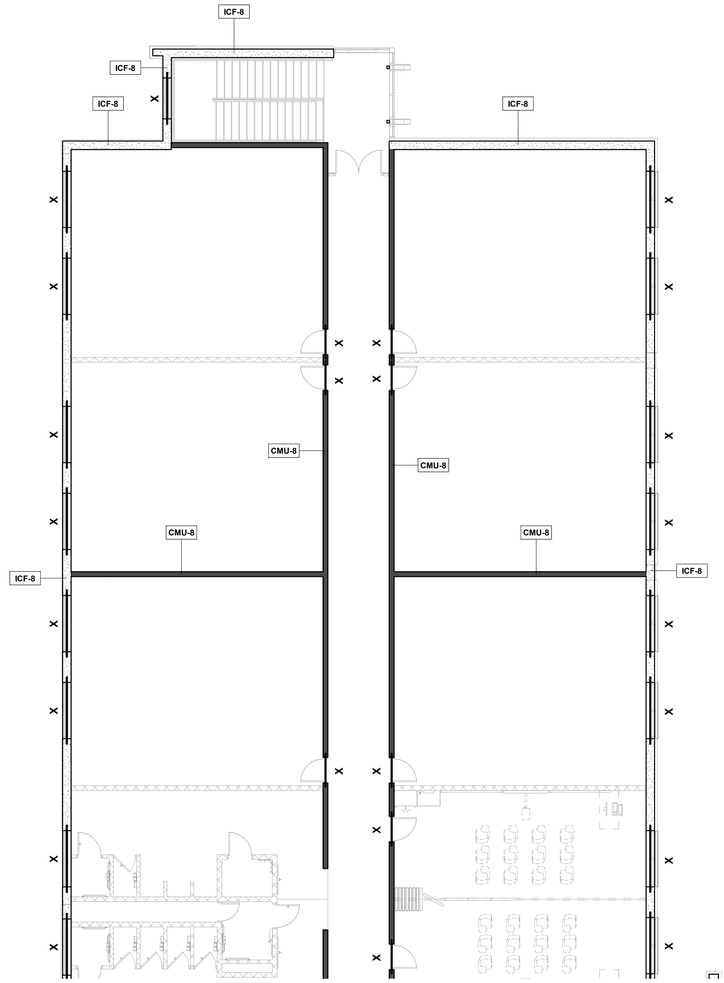


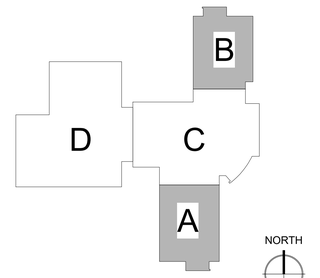
SECOND FLOOR WALL & LINTEL PLAN - AREA A

1/8" = 1'-0"



SECOND FLOOR WALL & LINTEL PLAN - AREA B

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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STEVENSVILLE
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PADUCAH, KY 42003
270.443.8326

MARION
400 E. COURT ST.
MARION, IL 62959
618.997.3690

960 DOUBLE BRIDGE RD.
LEBANON, TN 37090
615.443.3233

307 ARBOR RDL, STE 2
CHARLESTON, IL 61921
217.345.3233

300 E. MAIN ST., STE. 270
LEXINGTON, KY 40507
859.309.3233

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SECOND FLOOR WALL & LINTEL PLAN - AREA A & B

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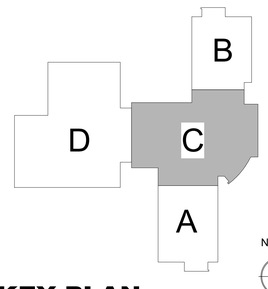
SECOND FLOOR WALL & LINTEL PLAN - AREA C

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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(270) 821-2050

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(270) 443-8396

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CHAMPIONS, KY 42141
(270) 904-1488

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SECOND FLOOR WALL & LINTEL PLAN - AREA C

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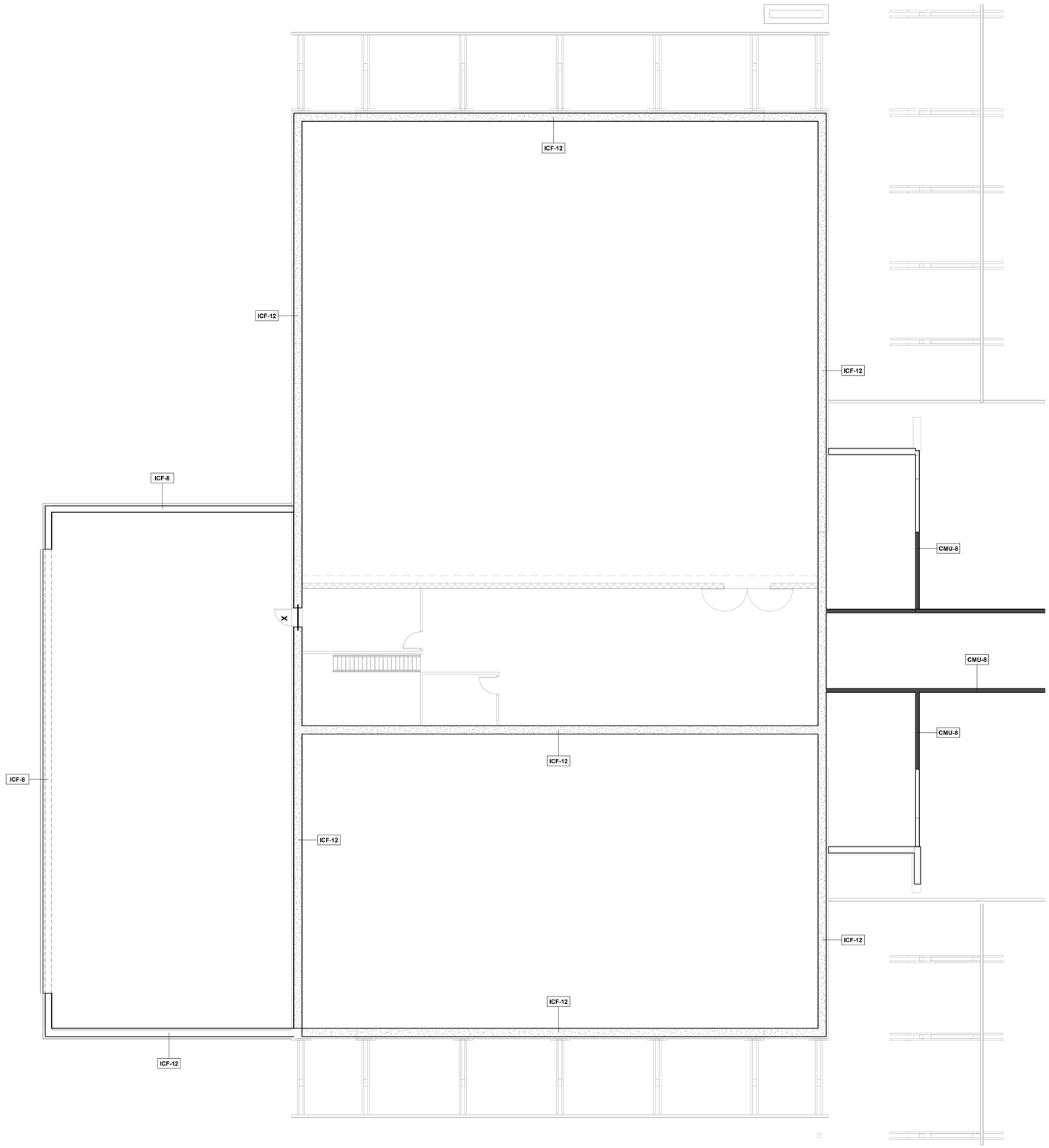
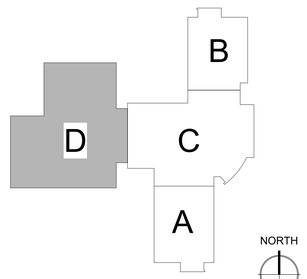


SECOND FLOOR WALL & LINTEL PLAN - AREA D

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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LEXINGTON, KY 40509

WEST LOUISVILLE
4914 L. COAST ST.
PROCAN, KY 42083
(270) 488-9988
907 ARROW RD., STE. 2
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SECOND FLOOR WALL & LINTEL PLAN - AREA D

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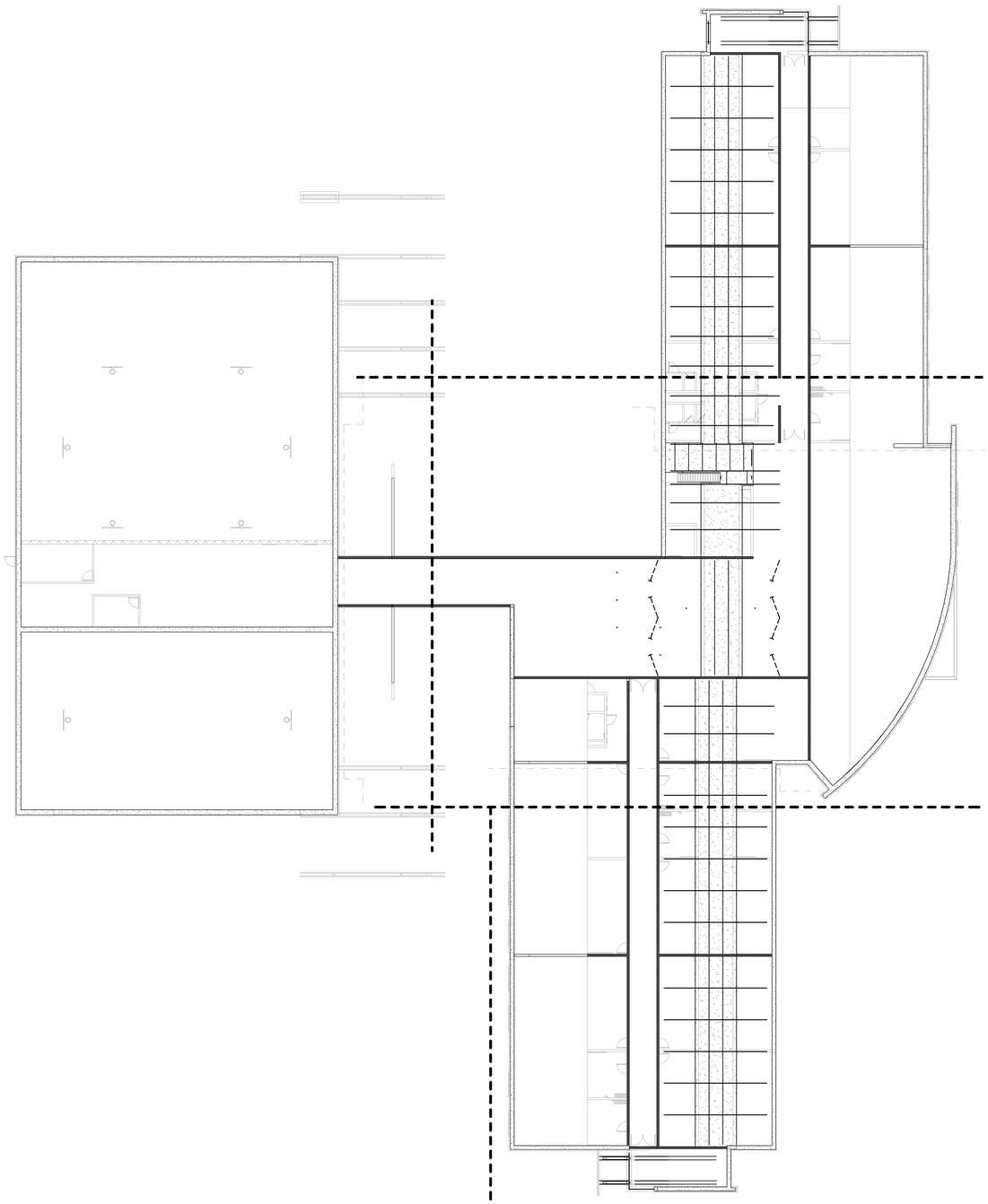
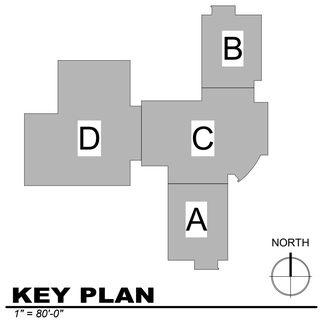


OVERALL MEZZANINE FLOOR PLAN

1/16" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART
ARCHITECTS

BFW BACON | FARMER | WORKMAN
ENGINEERING & TESTING, INC.
STEVENSVILLE
MURRAY, KY 42071
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995 DOUBLE BRIDGE RD.
LEWISBURG, TN 37091
(931) 359-1486
WEST KY
PADUCAH, KY 42003
(270) 898-6480
907 ASHVIN SQ., STE 2
CHARTRAND, & 67021
(620) 221-3800
MID KY
KEENELAND
MARION, IL 62959
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EAST KY
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MEZZANINE FRAMING PLAN - OVERALL

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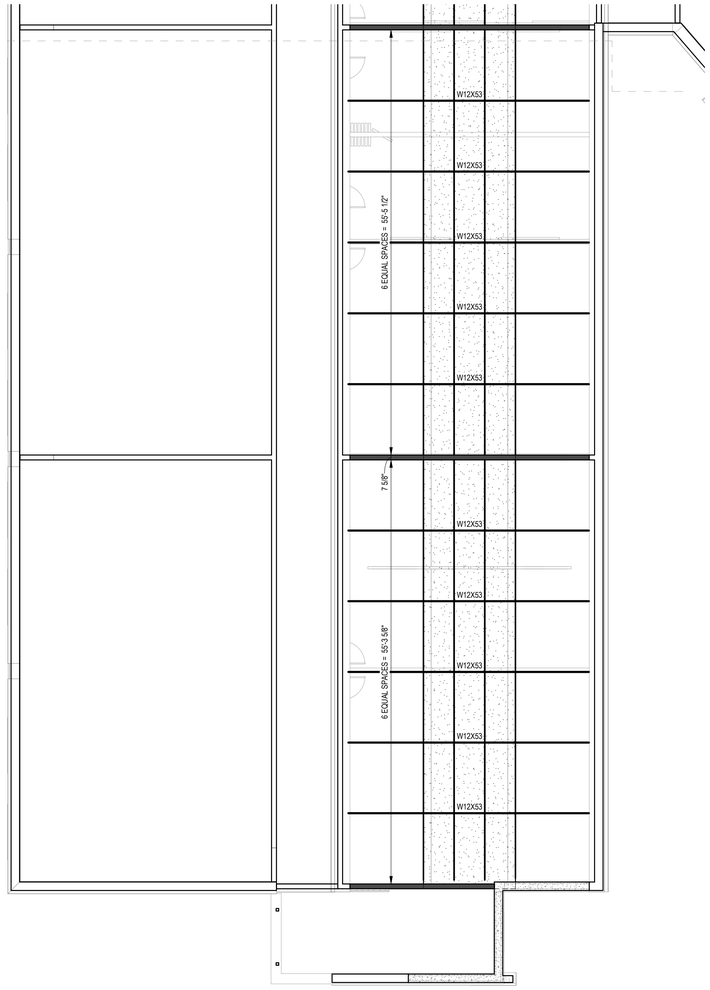
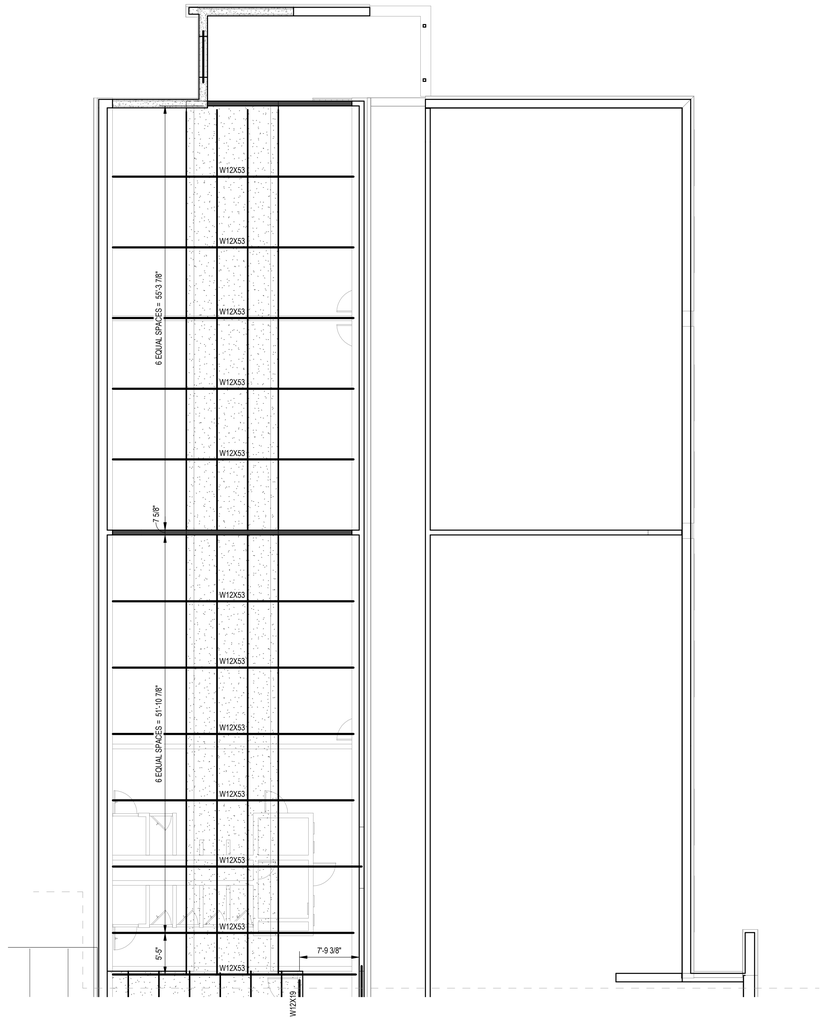


MEZZANINE FLOOR PLAN - AREA A

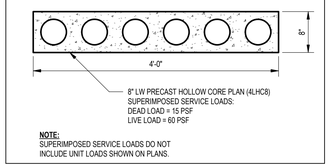
1/8" = 1'-0"



MEZZANINE FLOOR PLAN - AREA B

1/8" = 1'-0"

FLOOR DECK CONSTRUCTION

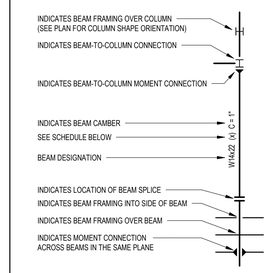


NOTE:
SUPERIMPOSED SERVICE LOADS DO NOT INCLUDE UNIT LOADS SHOWN ON PLANS.

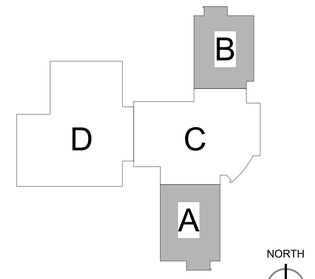
STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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(618) 997-1000

BOWLING GREEN
1845 COLLEGE DR.
BOWLING GREEN, KY 42101
(270) 782-8160

KENT
401 C. COAST 1ST.
KENT, OH 44240
(330) 677-2405

LEBANON
960 DOUBLE BRIDGE RD.
LEBANON, TN 37090
(615) 443-3233

CHARLESTON
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MEZZANINE FRAMING PLAN - AREA A & B

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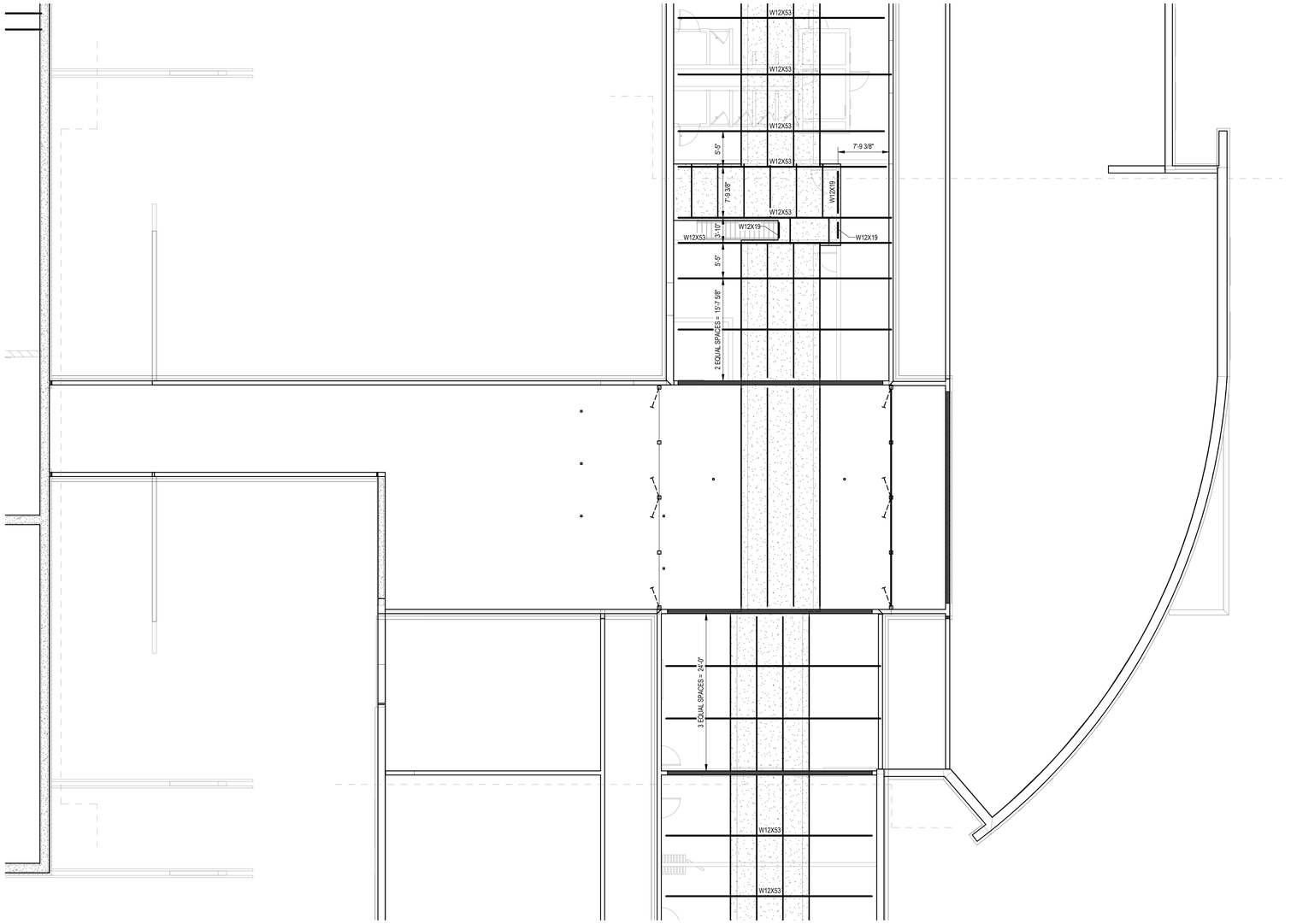
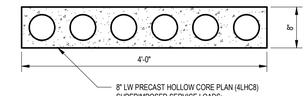


MEZZANINE FLOOR PLAN - AREA C

1/8" = 1'-0"

FLOOR DECK CONSTRUCTION



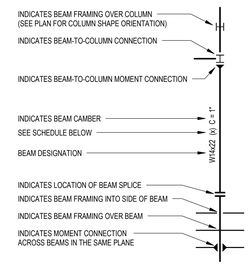
8" LW PRECAST HOLLOW CORE PLAN (4LHC8)
SUPERIMPOSED SERVICE LOADS:
DEAD LOAD = 15 PSF
LIVE LOAD = 60 PSF

NOTE:
SUPERIMPOSED SERVICE LOADS DO NOT INCLUDE UNIT LOADS SHOWN ON PLANS.

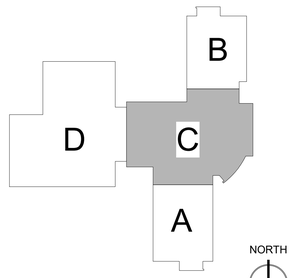
STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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LEXINGTON, KY 40509
859.977.1400
PADUCAH
PADUCAH, KY 42003
270.443.5986
907 ARGYLE RD., STE 2
CHARLESTON, IL 61921
217.512.4400
LOUISVILLE
4511 COURT ST.
MARION, IL 62959
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MEZZANINE FRAMING PLAN - AREA C

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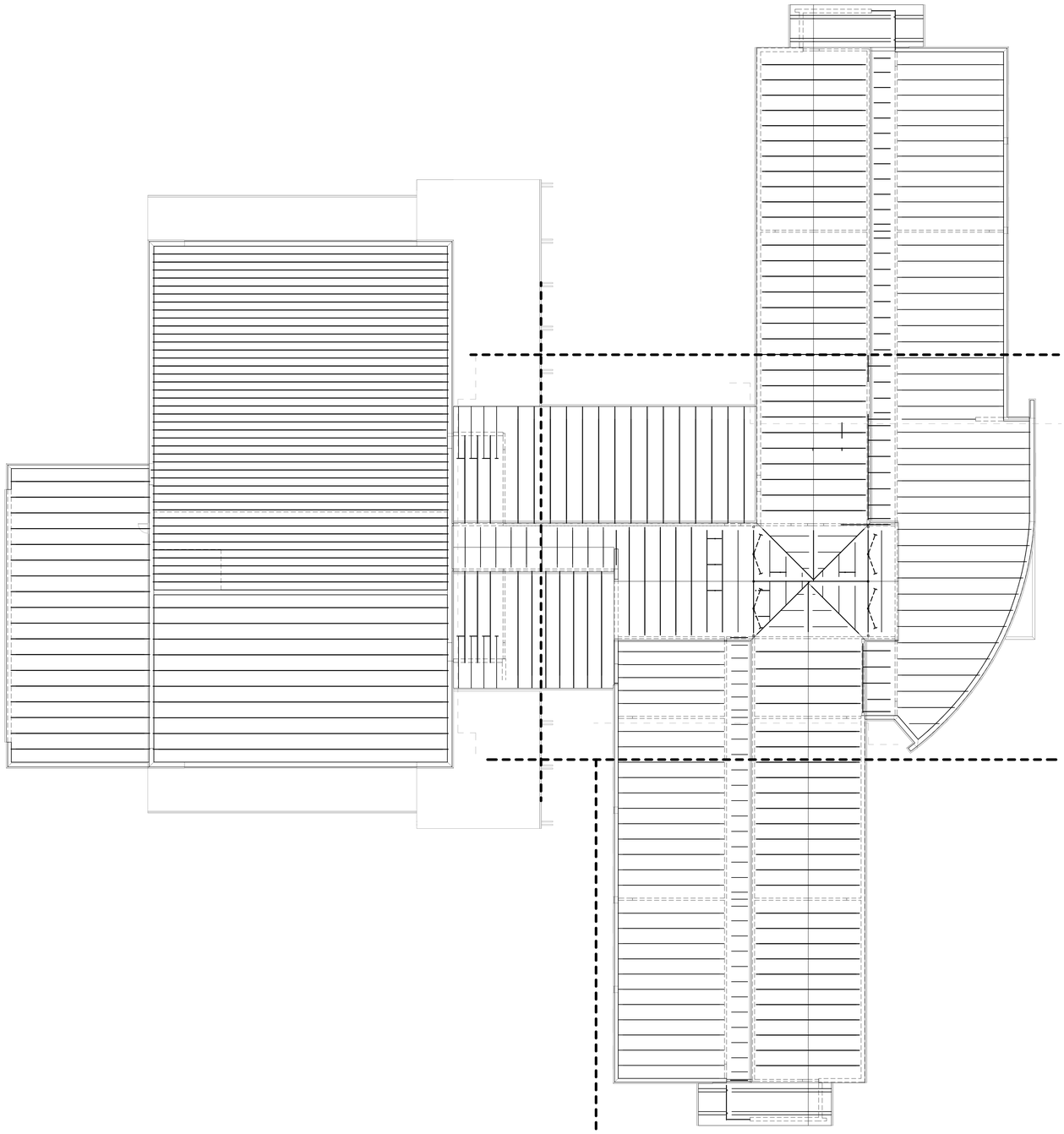
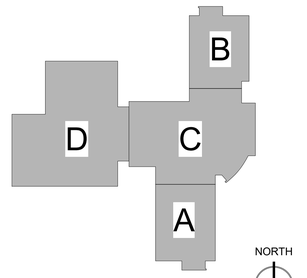


OVERALL ROOF FRAMING PLAN

1/16" = 1'-0"



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART
ARCHITECTS

BFW BACON | FARMER | WORKMAN
ENGINEERING & TESTING, INC.

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(606) 615-1000
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(502) 633-4300
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MARION, KY 42064
(270) 965-3939
PADUCAH, KY 42003
(270) 443-3800
907 ASHVIN RD., STE. 2
CHAMPAIGN, IL 61821
(217) 239-1906
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LEXINGTON, KY 40507
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ROOF FRAMING PLAN - OVERALL

JOB NO.	20149
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No.	Description	Date

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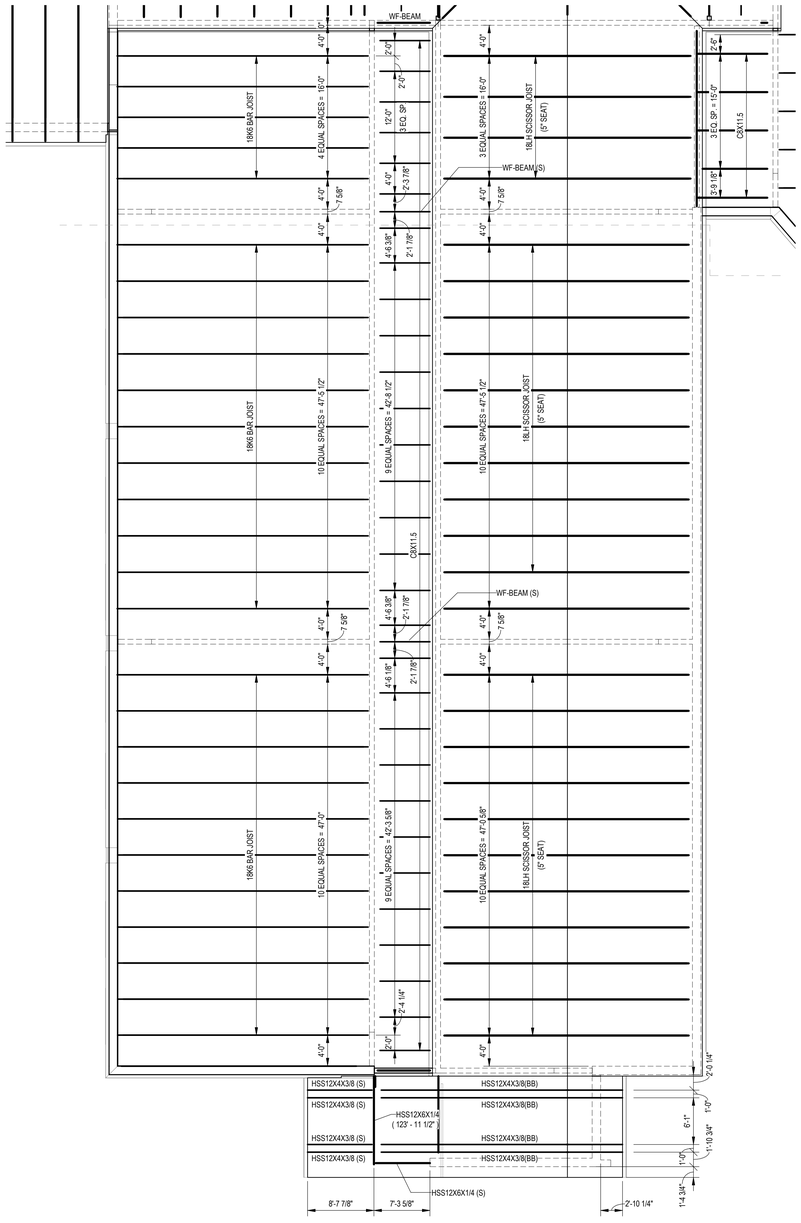

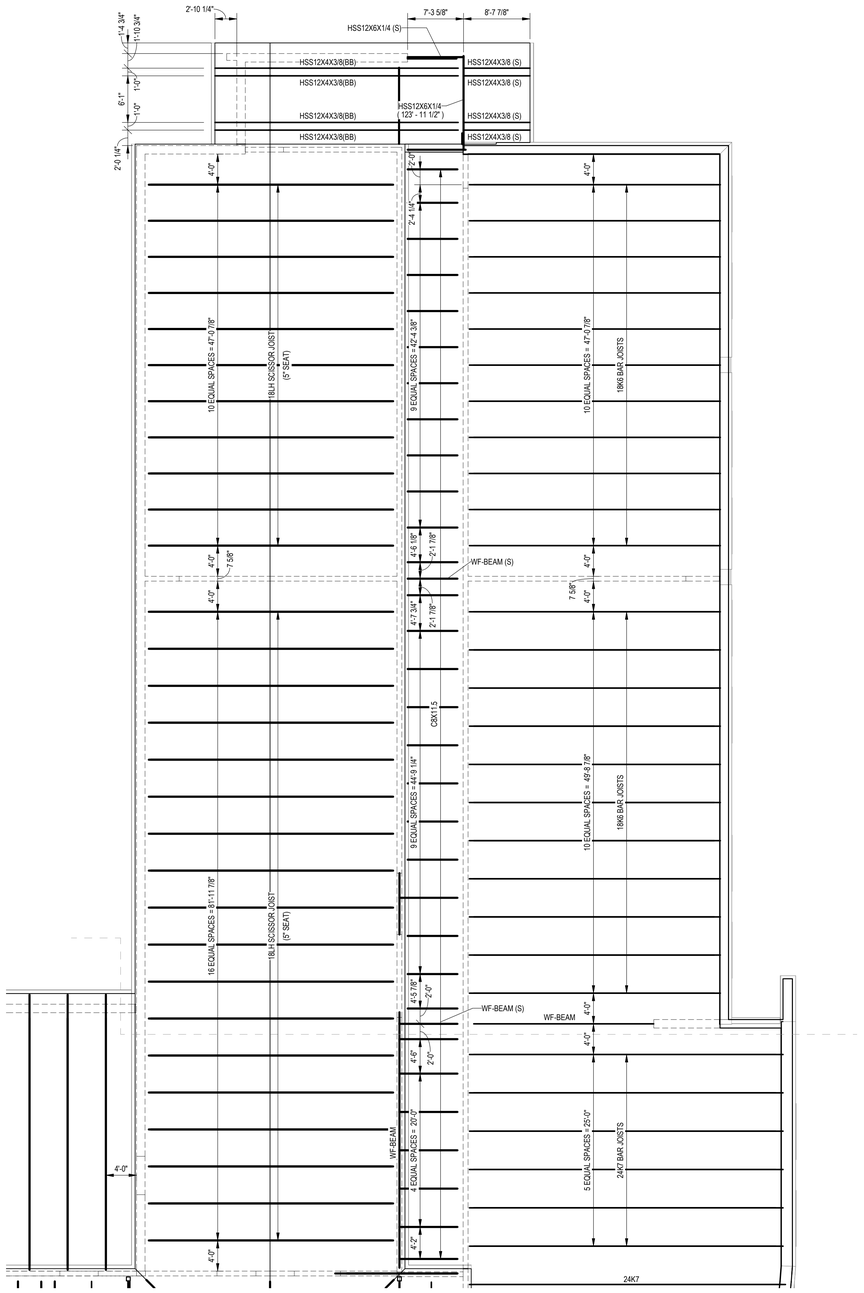

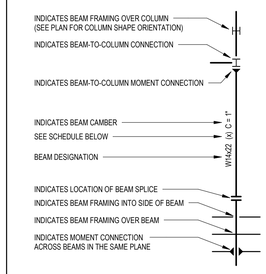

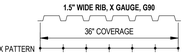

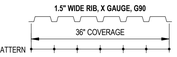

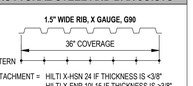

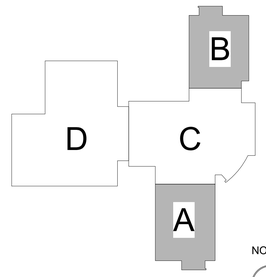

ROOF FRAMING PLAN - AREA A

1/8" = 1'-0"

ROOF FRAMING PLAN - AREA B

1/8" = 1'-0"

STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.

INDICATES BEAM FRAMING OVER COLUMN (SEE PLAN FOR COLUMN SHAPE ORIENTATION)

INDICATES BEAM-TO-COLUMN CONNECTION

INDICATES BEAM-TO-COLUMN MOMENT CONNECTION

INDICATES BEAM CAMBER

SEE SCHEDULE BELOW

BEAM DESIGNATION

INDICATES LOCATION OF BEAM SPLICE

INDICATES BEAM FRAMING INTO SIDE OF BEAM

INDICATES BEAM FRAMING OVER BEAM

INDICATES MOMENT CONNECTION ACROSS BEAMS IN THE SAME PLANE

(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal

ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL AND BAR JOISTS

1.5" WIDE RIB, X GAUGE, G90

SUPPORT ATTACHMENT = HILTI X-HSN 24 IF THICKNESS IS <3/8"
HILTI X-ENP 10L15 IF THICKNESS IS >3/8"
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.

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KEY PLAN

1" = 80'-0"

SHERMAN
CARTER
BARNHART
ARCHITECTS

BACON | FARMER | WORKMAN
ENGINEERING & TESTING, INC.
1215 DIUGUID DR.
MURRAY, KY 42071
P: 270.753.7307
500 S. 17th ST.
PADUCAH, KY 42003
P: 270.443.1995
403 N. COURT ST.
MARION, IL 62959
P: 618.997.9190
966 DOUBLE BRIDGE RD.
LEWISBURG, TN 37091
P: 931.359.4882
907 ARROW RD., STE. 2
CHAMPAIGN, IL 61821
P: 217.530.4283
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LEXINGTON, KY 40507
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ROOF FRAMING PLAN - AREA A & B

JOB NO.	20149
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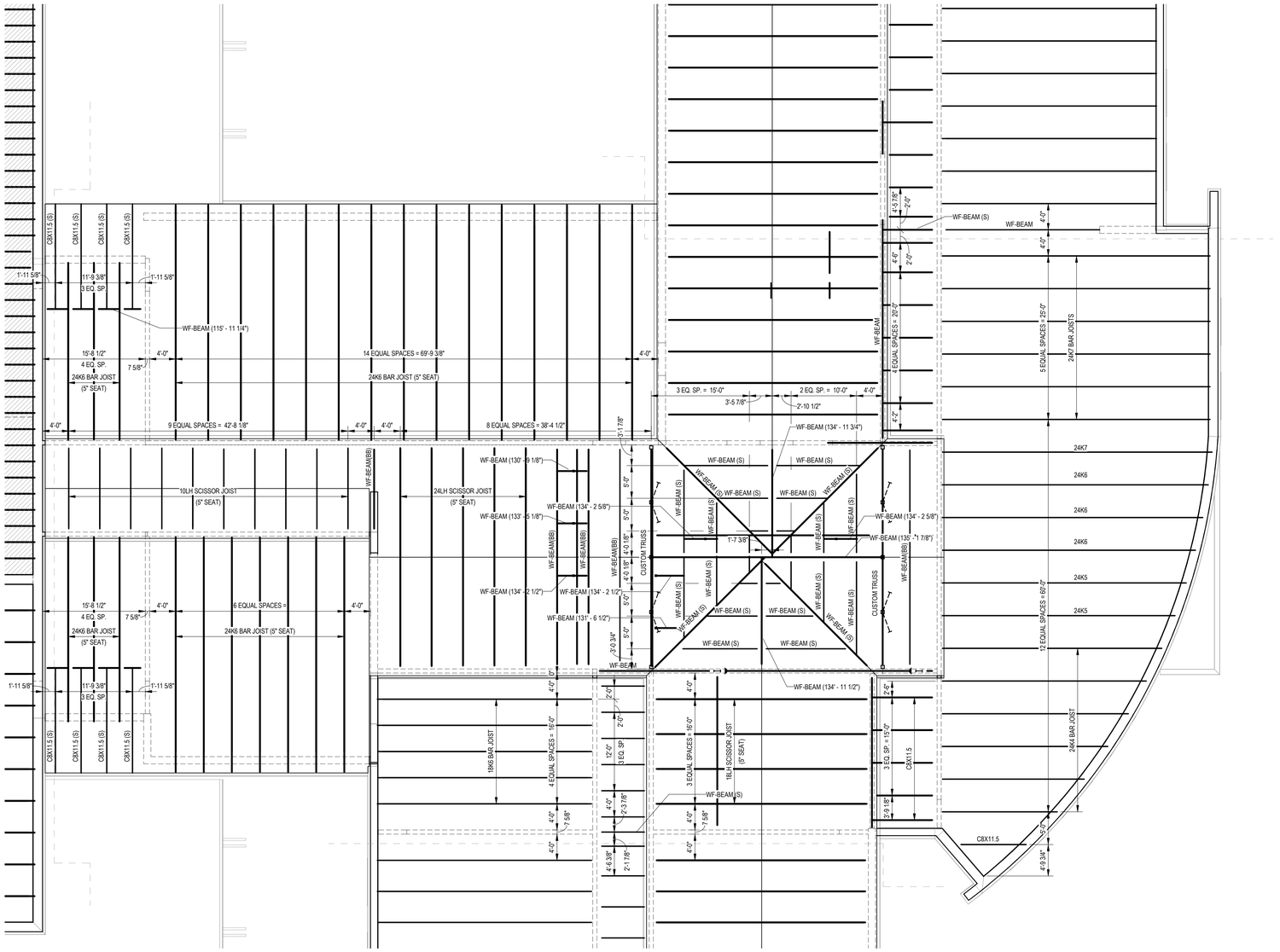


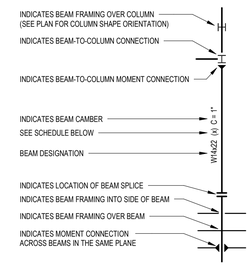
ROOF FRAMING PLAN - AREA C

1/8" = 1'-0"

STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
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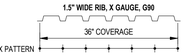
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal

ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL AND BAR JOISTS



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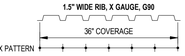
HILTI X-ENP 10L15 IF THICKNESS IS >3/8"
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.

ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL AND BAR JOISTS



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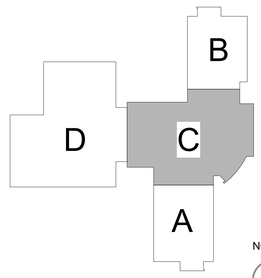
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

BFW BACON | FARMER | WORKMAN ENGINEERING & TESTING, INC.

STEVENSBURG
MURRAY, KY 42071
(270) 885-7555

LOUISVILLE
9800 DOUBLE BRIDGE RD.
LEBANON, TN 37090
(615) 449-2811

OWENSBORO
4001 E. COAST 1ST.
MARION, IL 62959
(618) 997-1000

SKY ARBOR RDG., STE. 2
CHARLESTON, WV 25311
(304) 344-0100

3001 E. MAIN ST., STE. 270
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ROOF FRAMING PLAN - AREA C

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DATE	4-20-2020
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CHECKED	Checker

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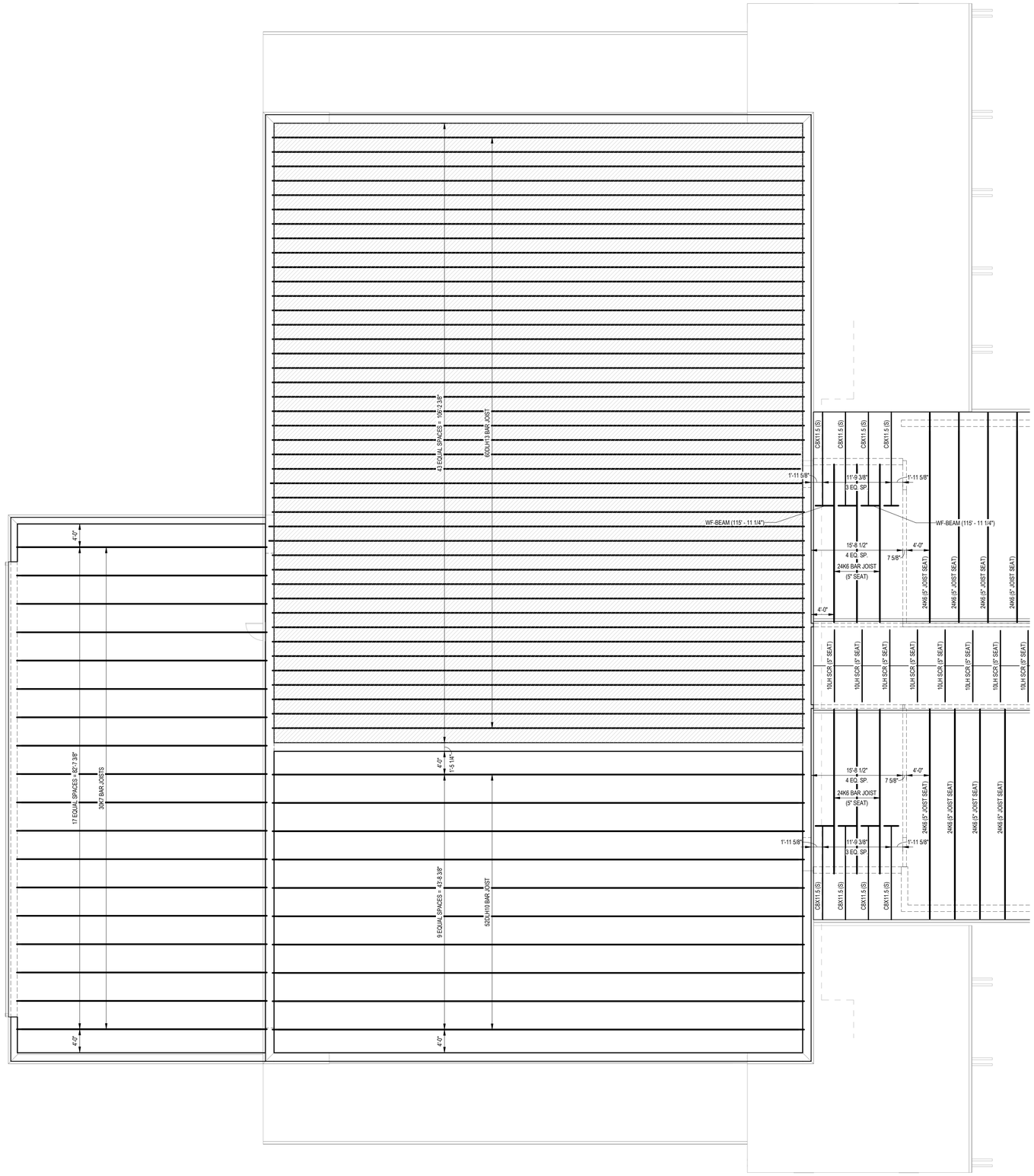

ROOF FRAMING PLAN - AREA D

1/8" = 1'-0"

STRUCTURAL STEEL LEGEND

CONVENTIONAL CONSTRUCTION

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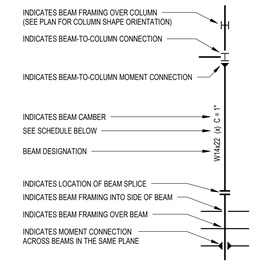

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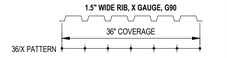
(C)	Cantilever Beam
(WH)	Web Horizontal

ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL AND BAR JOISTS



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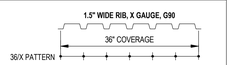
ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL AND BAR JOISTS



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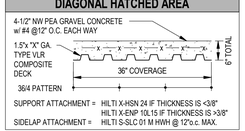
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.

ROOF DECK CONSTRUCTION DIAGONAL HATCHED AREA



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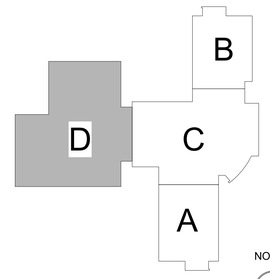
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.



KEY PLAN

1" = 80'-0"

SHERMAN CARTER BARNHART ARCHITECTS

BACON | FARMER | WORKMAN ENGINEERING & TESTING, INC.
(BFW)
STEVENSBURG OFFICE: 100 E. MAIN ST. MURRAY, KY 42071 (270) 753-2222
PADUCAH OFFICE: 980 DOUBLE BRIDGE RD. LEMONT, TN 37351 (270) 442-8888
PADUCAH, KY 42003 (270) 442-8888
MARION, KY 42064 (270) 965-3555
LEXINGTON OFFICE: 300 E. MAIN ST., STE. 270 LEXINGTON, KY 40507 (859) 368-8808
OWENSBORO OFFICE: 907 ARROW RD., STE. 2 OWENSBORO, KY 42301 (270) 683-1829
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ROOF FRAMING PLAN - AREA D

JOB NO.	20149
DATE	4-20-2020
DRAWN	Author
CHECKED	Checker

REVISIONS

No.	Description	Date

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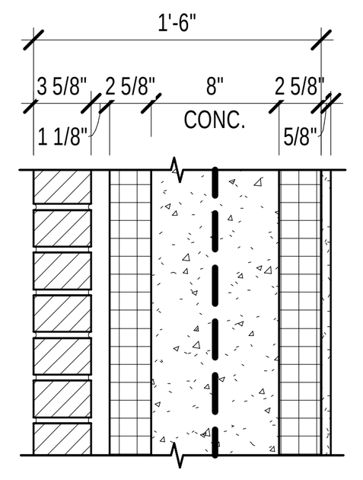
ABBREVIATIONS

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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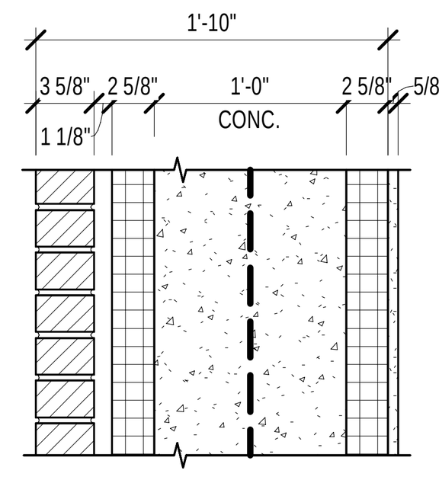
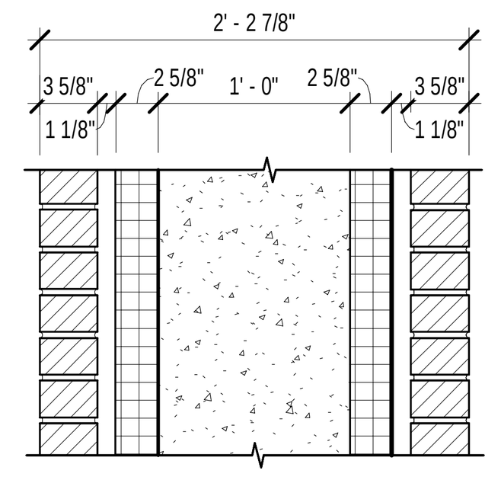
* NOTED: WALL IS RADIUSED AT MEDIA CENTER '130'

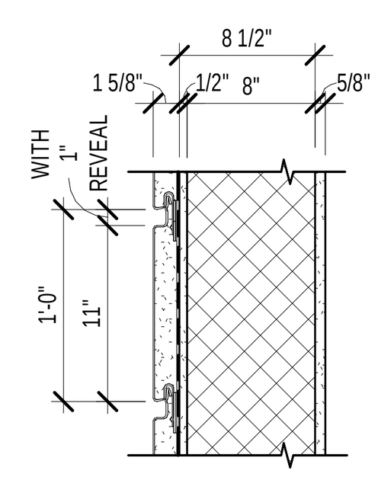
A


FACE BRICK / 1 1/8" AIR SPACE / 12" ICF WALL SYSTEM / 5/8" GYP. BD./

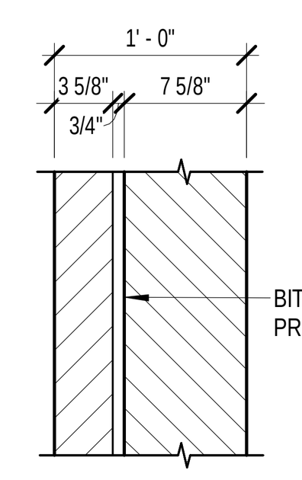
B


FACE BRICK / 1 3/8" AIR SPACE / 12" ICF WALL SYSTEM/ 1 1/8" AIR SPACE / FACE BRICK

C

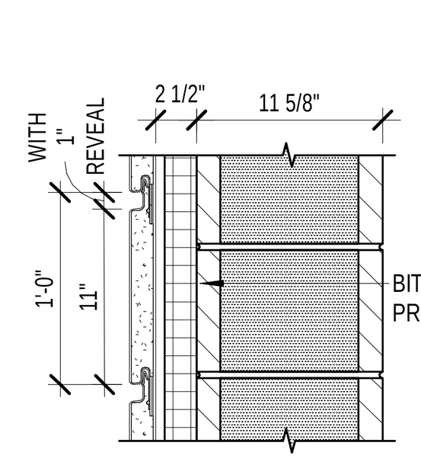

PRE-FIN INSULATED HORIZ. MTL. WALL PANEL (SEE SPECS) / AIR INFILTRATION BARRIER / 1/2" GLASS MATT-FACED SHEATHING / 8" MTL. STUD FRAMING (18 GA.) @ 16" O.C. W/ SPRAY FOAM INSULATION / 5/8" GYP. BD.

D



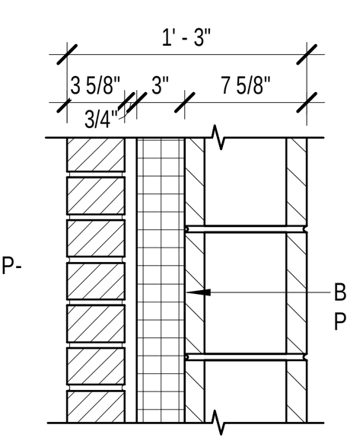
CALCIUM SILICATE/ 3/4" AIR SPACE / BITUMINOUS DAMP-PROOFING / 8" (NOM.) CMU (CANOPY PIER CONSTRUCTION)

E



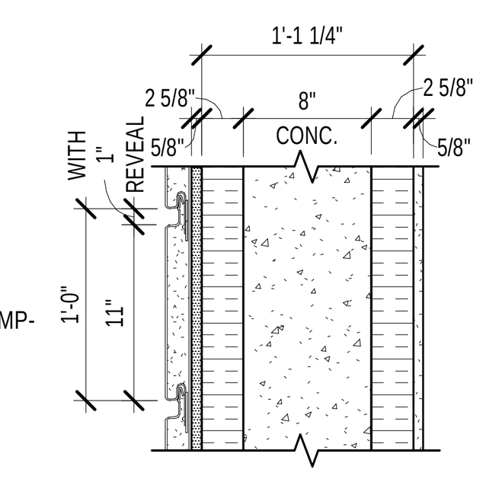
PRE-FIN INSULATED HORIZ. MTL. WALL PANEL (SEE SPECS) / AIR INFILTRATION BARRIER / 1/2" GLASS MATT-FACED SHEATHING ON 2 1/2" VERTICAL ZEE FURRING / 2" RIGID INSULATION / BITUMINOUS DAMPPROOFING AT CAVITY / 12" NOM. CMU / FILL BLOCK W/ CLOSED CELL FOAM INSUL.

F



FACE BRICK / 3/4" AIR SPACE / 3" RIGID INSULATION / BITUMINUOUS DAMP-PROOFING / 8" (NOM.) CMU

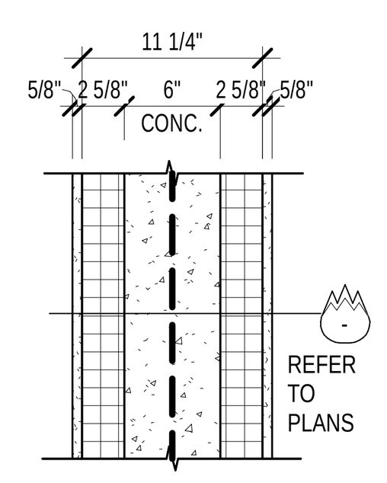
G


PRE-FIN INSULATED HORIZ. MTL. WALL PANEL (SEE SPECS) / AIR INFILTRATION BARRIER / 5/8" GLASS MATT-FACED SHEATHING / 8" ICF WALL SYSTEM / 5/8" GYP. BD.

H

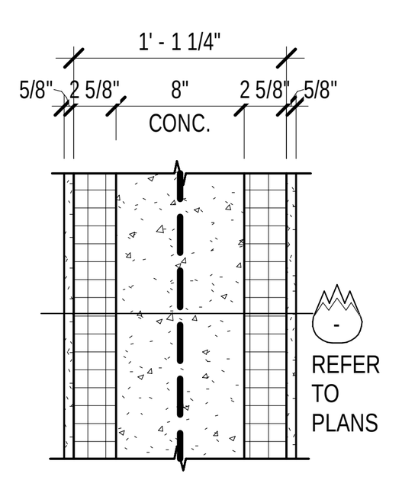
NOTES:
1. AT ALL WALL TYPES UTILIZING FACE BRICK, REFER TO BUILDING ELEVATIONS AND SECTIONS FOR LIMITS OF EITHER FIELD, OR ACCENT BRICK VENEER.
2. PROVIDE HIGH-ABUSE XP MOLD RESISTANT GYPSUM BOARD AT SPECIFIED THICKNESS UP TO 8'-0" A.F.F. ABOVE 8'-0" A.F.F, PROVIDE SPECIFIED THICKNESS OF MOLD-RESISTANT GYPSUM BOARD.
3. UNDERWRITERS LABORATORIES IDENTIFICATION # INFORMATION AND HOURLY RATINGS, AS REFERENCED ON THIS SHEET AND ON FLOOR PLANS ARE FURTHER CLARIFIED ON SHEET C0.1.

EXTERIOR WALL TYPES



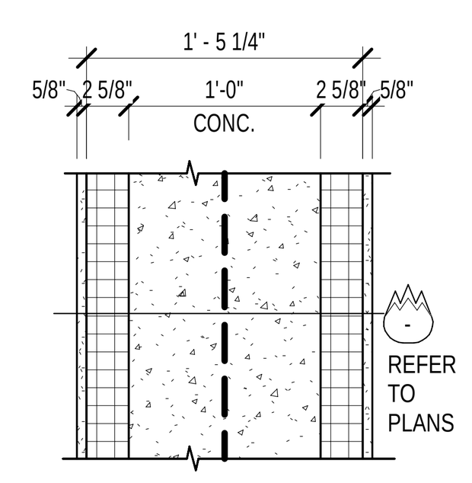
6" ICF WALL SYSTEM / 5/8" GYP. BD. (BOTH SIDES) / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

1



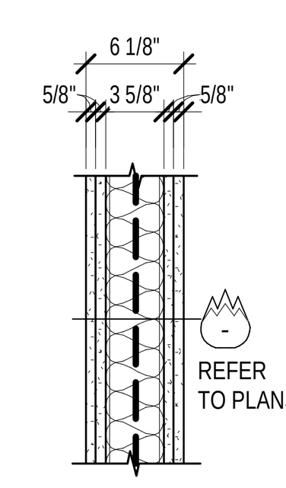
8" ICF WALL SYSTEM / 5/8" GYP. BD. (BOTH SIDES) / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

2



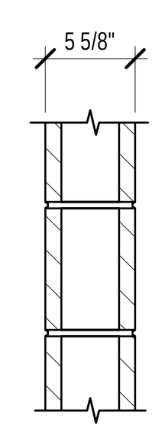
12" ICF WALL SYSTEM / 5/8" GYP. BD. (BOTH SIDES) / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

3

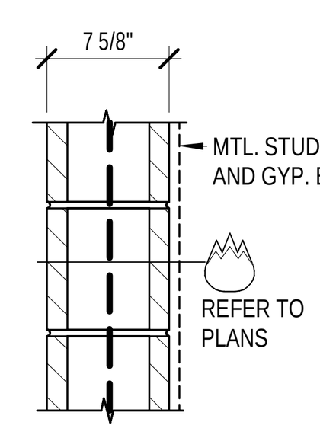


3 5/8" METAL STUD FRAMING @ 16" O.C. / 2 LAYERS 5/8" TYPE "X" GYP. BD. (BOTH SIDES) / SOUND ATTN. INSULATION / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

4


6" (NOM.) CMU

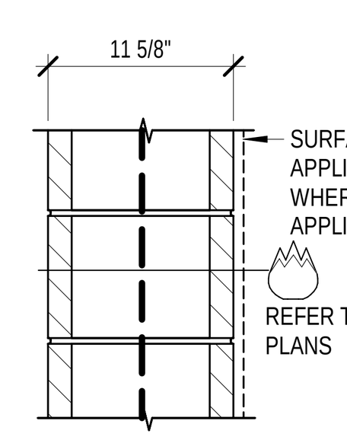
5



8" (NOM.) CMU

6

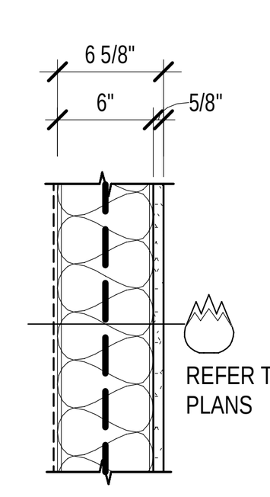
6* 3 5/8" MTL. STUDS AND 5/8" GYP. BOARD



12" (NOM.) CMU

7

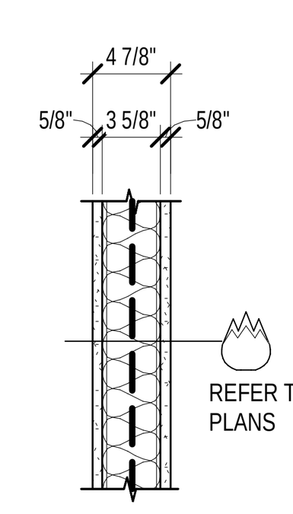
7* 5/8" SURFACE APPLIED GYP. BOARD



6" METAL STUD FRAMING AT 16" O.C. / 5/8" GYP. BD. ON ROOM SIDE ONLY / SOUND ATTN. INSULATION & HOLD W/ HEXAGONAL WIRE MESH.

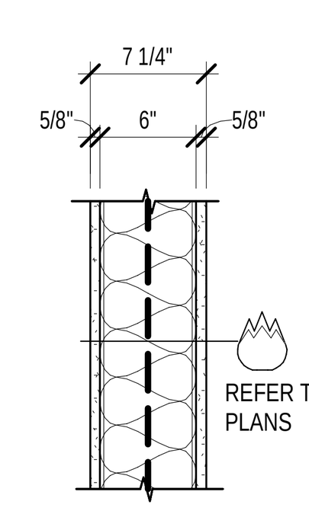
8

8A WALL TYPE 8 OMIT SOUND ATTN. INSUL. & WIRE MESH



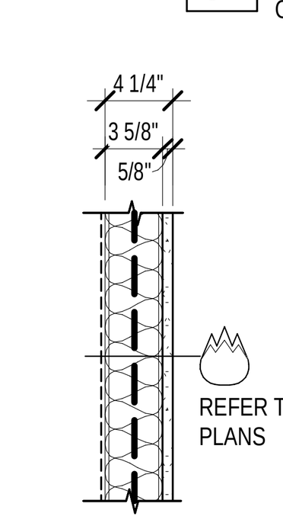
3 5/8" METAL STUD FRAMING @ 16" O.C. / 5/8" GYP. BD. (BOTH SIDES) / SOUND ATTN. INSULATION / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

9



6" METAL STUD FRAMING @ 16" O.C. / 5/8" GYP. BD. (BOTH SIDES) / SOUND ATTN. INSULATION / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

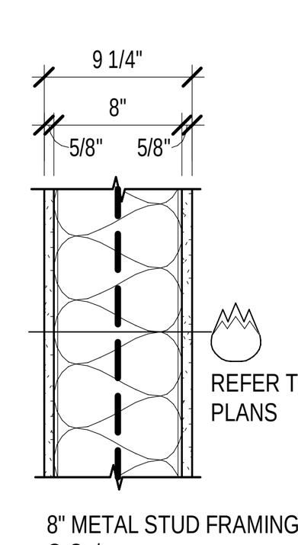
10



3 5/8" METAL STUD FRAMING AT 16" O.C. / 5/8" GYP. BD. ON ROOM SIDE ONLY / SOUND ATTN. INSULATION & HOLD W/ HEXAGONAL WIRE MESH.

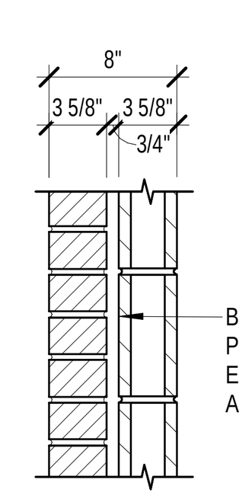
11

11A WALL TYPE 11 OMIT SOUND ATTN. INSUL. & WIRE MESH



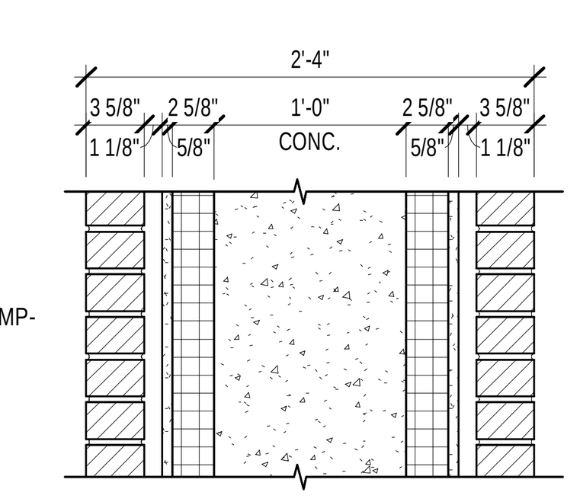
8" METAL STUD FRAMING (18 GA.) @ 16" O.C. / 5/8" GYP. BD. (BOTH SIDES) / SOUND ATTN. INSULATION / (RATED ASSEMBLY AS NOTED ON FLOOR PLANS)

12

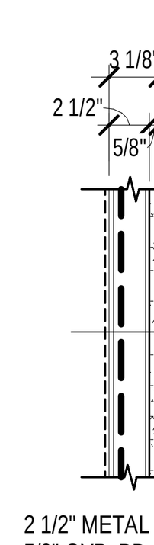


FACE BRICK / AIR SPACE / BITUMINOUS DAMPPROOFING / 4" (NOM.) CMU

13


FACE BRICK/ 1 1/8" AIR SPACE / 5/8" GYP. BD. (BOTH SIDES)/ 12" ICF WALL SYSTEM / 1 1/8" AIR SPACE / FACE BRICK

14



2 1/2" METAL STUD FRAMING AT 16" O.C. / 5/8" GYP. BD. ON ROOM SIDE ONLY / SOUND ATTN. INSULATION & HOLD W/ HEXAGONAL WIRE MESH.

15

NOTE:
1. ALL INTERIOR GYPSUM PARTITIONS SHALL HAVE HIGH-ABUSE XP MOLD RESISTANT GYPSUM BOARD AT SPECIFIED THICKNESS UP TO 8'-0" A.F.F. ABOVE 8'-0" A.F.F., PROVIDE SPECIFIED THICKNESS OF MOLD-RESISTANT GYPSUM BOARD.
2. UNDERWRITERS LABORATORIES IDENTIFICATION # INFORMATION AND HOURLY RATINGS, AS REFERENCED ON THIS SHEET AND ON FLOOR PLANS ARE FURTHER CLARIFIED ON SHEET C0.1.

INTERIOR WALL TYPES

PARTITION TYPE GENERAL NOTES

P1 0'-0" INDICATES HEIGHT OF PARTITION. IF NO DIMENSION NOTED, EXTEND PARTITIONS FULL HEIGHT TO UNDERSIDE OF DECK, U.N.O.

P2 * REFER TO WALL/ PARTITION TYPES FOR SPECIFIC CONDITION.

P3 EX PARTITION TO EXTEND TO UNDERSIDE OF DECK/SLAB ABOVE W/ METAL STUD FRAMING AT 16" O.C. / SOUNDBATT INSUL. / 5/8" GYP. BD. BOTH SIDES, REFER TO DETAILS 4, 5, & 6/A1.1.

P5 ALL EXTERIOR WALLS ARE WALL TYPE A UNLESS INDICATED OTHERWISE.

P6 ALL INTERIOR PARTITIONS ARE WALL TYPE 6 UNLESS INDICATED OTHERWISE.

P7 PARTITION TYPES ARE INDICATED ON PLANS, SECTIONS & DETAILS.

P8 INTERIOR PARTITION TYPES ARE IDENTIFIED BY NUMBER AND EXTERIOR WALL ASSEMBLY TYPES BY LETTER.

P9 AT CONDITIONS WHERE MORE THAN ONE WALL TYPE IS INDICATED. REFER TO REFERENCED SECTIONS, ELEVATIONS AND DETAILS FOR CLARIFICATION.

P10 PROVIDE SPECIFIED CLOSURES AND INSTAIINSULATION/FIRESAFING BETWEEN DECK FLUTES AND MASONRY PARTITIONS TO ACHIEVE FULL AND COMPLECLOSURE OF ALL VOIDS AT TOP OF WALLS INDICATED TO EXTEND FULL HEIGHT. REFER TO TYPICAL DETAILSSHEET A1.1.

P11 PARTITION TYPES SHALL MAINTAIN THEIR RESPECTIVEPARATION RATING (IF ANY) FOR FULL HEIGHT. ALL MECH., ELEC. AND PLUMBING PENETRATIONS SHALL BEALED / SAFED / DAMPERED AS REQUIRED TO COMPLY WITH APPLICABLE CODES.

P12 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 ATOP 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.

P13 ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OFUDS, FACE OF ICF FORMS OR TO CENTERLINE OF STRUCTURAL STEEL. UNLESS NOTED OTHERWISEXTERIOR WALL DIMENSIONS ARE TO EXTERIOR SIDE OF FACE BRICK, U.N.O.

P14 REFER TO DETAILS FOR TYPICAL CMU WALL ARTITION INTERSECTION REQUIREMENTS A0.1.

P15 REFER TO WALL SECTIONS AND MISCELLANEOUDETAILS FOR WALL TRANSITIONS ABOVE ADJACENT ROOF LEVELS - I.E.: BRICK LEDGES, CMU WIDTH ANDALL TYPE TRANSITIONS.

P16 UNLESS SPECIFICALLY NOTED OTHERWISE ON DETAILS, ALL MASONRY SHALL BE INSTALLED WITH COURSE OF MASONRY. REFER TO DETAIL 1/N1.0:RY OTHER MASONRY COURSE. PROVIDE MASONRY REINFORCEMENT AT EACH MASONRY COURSE IN PARAPET CONDITIONS. REFER TO

P17 MASONRY SPECIFICATIONS AND STRUCTURAL DOCUMENTS FOR REINFORCEMENT TYPE AND MATERIAL. FOR MASONRY VENEERS ON STUD OR ICF WALL 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. STONE VENEERS TO UTILIZE TOP AND BOTTOM STONE ANCHORS, TYPE AND SPACING AS DETERMINED BY THE STONE MANUFACTURER FOR THE APPLICATIONS SHOWN, REFER TO STONE SPECIFICATIONS FOR ANCHOR CRITERIA. REINFORCEMENT, MASONRY TIES, AND STONE ANCHORS INDICATED ON THE PROJECT DRAWINGS ARE NOT PRODUCT SPECIFIC AND ARE SHOWN FOR REFERENCE ONLY, REFER TO PROJECT SPECIFICATIONS, MANUFACTURER DATA, AND APPROVED SHOP DRAWINGS FOR SPECIFIC INFORMATION. IN THE EVENT THAT A DRAWING DOES NOT GRAPHICALLY INDICATE REINFORCEMENT, TIES, OR ANCHORS, THE REINFORCEMENT, TIES AND ANCHORS ARE STILL REQUIRED. IF QUESTIONS EXIST REGARDING SPECIFIC DETAIL CONDITIONS CONTACT THE PROJECT ARCHITECT FOR ADDITIONAL INFORMATION. IN NO CASE SHALL REINFORCEMENT, TIES, OR ANCHORS BE OMITTED. REINFORCEMENT, TIES AND ANCHORS ARE TO BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER WRITTEN INSTALLATION GUIDELINES.

P18 REFER TO STRUCT DWGS FOR REQUIREMENTS AND LOCATIONS OF WALLS TO RECEIVE VERTICAL REINFORCING.

P19 REFER TO STRUCT DWGS FOR OTHER REQUIREMENTSRTAINING TO REINFORCED UNIT MASONRY.

P20 PROVIDE CAVITY VENTS ABOVE MORTAR NET @ 48" O.C. AND @ TOP OF WALL CAVITY @ 48" O.C. TO ALLOW FOR PROPER VENTING OF WALL.

P21 CONCRETE MASONRY UNITS INSTALLED AT EXTERIOR\LLS SHALL RECEIVE APPLICATION OF SPECIFIED DAMPPROOFING ON CAVITY FACE.

P22 CONTRACTOR SHALL INSTITUTE ALL MEASURES:CESSARY TO ACHIEVE WEATHERTIGHTNESS OF EXTERIOR WALLS BY ALLOWING POSITIVE DRAINAGE 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.

P23 INTERIOR MASONRY AND/OR GYPSUM BOARDXPOSED TO VIEW SHALL BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH GROUPGYP. BD. AND CMU BEHIND CUBBIES, CASEWORK, ETC. SHALL BE PAINTED.

P24 REFER TO ROOM FINISH GROUPS FOR BASE REQUIREMENTS.

P25 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.

P26 REFER TO PARTITION DETAILS ON A1.1 FOR SPECIFIC CONNECTION AND ATTACHMENT/ BRACING OF NON-LOAD BEARING INTERIOR PARTITION WALL TO STRUCTURE/ DECK ABOVE.

P27 REFER TO DETAIL 7/A4.1 FOR TYPICAL BASE FLASHING DETAILS.

P28 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.

P29 AT ALL GYPSUM BOARD OUTSIDE CORNERS EXTENDING TO FLOOR, INSTALL HIGH ABUSE RESILIENT CORNER GUARDS FROM 6" TO 7'-4" A.F.F.

P30 ALL FACES OF INSULATED CONCRETE FORMS (ICF) USED ON THE BUILDINGS INTERIOR SHALL RECEIVE 5/8" GYPSUM BOARD (OR IMPACT / MOLD-RESISTIVE GYPSUM BOARD) TO MAINTAIN UL RATINGS AND TO MEET REQ'MTS FOR NON-COMBUSTIBLE CONSTRUCTION. ICF FORM'S INSULATION AND CONCRETE SHALL NOT BE LEFT EXPOSED AT ANY LOCATION. 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.

P31 AT RATED GYPSUM ASSEMBLIES USE TYPE "X" GYP. BD., FULL HT.

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 THRESHOLD DETAILS, SHEET A8.1.
4. REFER TO REFLECTED CEILING PLANS, SHEETS A7.1 & A7.2 FOR CEILING INFORMATION.
5. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AT CEILINGS.
6. ALL CLASSROOMS AND RESOURCE ROOMS TO INCLUDE ACCENT PAINT ON THE INSTRUCTIONAL WALL. (COLOR TO BE SELECTED BY ARCHITECT/OWNER)
7. PROVIDE PAINT WAINSCOT (48"H.) AT CORRIDORS.

XXX RFG 1 (ROOM NUMBER TYPICAL)
FLOOR - LVT
BASE - 6" RESILIENT BASE
WALLS - LATEX PAINT / EPOXY PAINT (SEE NOTE)

NOTE: AT CORRIDORS PROVIDE EPOXY GLOSS PAINT WITH 48" HIGH ACCENT COLOR ALL OTHER LOCATIONS TO RECEIVE LATEX PAINT AND ACCENT COLOR AT INSTRUCTIONAL WALL, FULL WIDTH.

NOTE: AT MUSIC ROOM PROVIDE HIGH NRC 1" THICK 2x2 (ACT-3)

AT STAIRS PROVIDE RESILIENT TREADS AND RISERS , AT LANDINGS PROVIDE LVT.

ALTERNATE NO. 8 - REVISE FLOOR FINISH TO VCT

XXX RFG 2
FLOOR - PORCELAIN TILE
BASE - PORCELAIN TILE (6" HIGH CUT TILE BASE W/ COVE ACCENT)
WALLS - PORCELAIN TILE 42" HIGH WITH SCHLUTER TRIM AT ALL EXPOSED EDGES. / EPOXY PAINT

NOTE: REFER TO TILE BASE DETAIL 10/A6.1. AT STAIRS OMIT WALL TILE. ONLY PROVIDE FLOOR TILE AT TREADS AND RISERS

ALTERNATE NO. 8 - REVISE FLOOR FINISH TO VCT AT AREAS NOT RESTROOMS

XXX RFG 3
FLOOR - SEALED CONCRETE
BASE - 6" RESILIENT BASE
WALLS - LATEX PAINT

XXX RFG 4
FLOOR - RESIN
BASE - 4" RESIN BASE
WALLS - EPOXY PAINT/ PORCELAIN TILE @ SHOWERS

NOTE: AT TOILET ROOMS PROVIDE P.T. FULL HT. AT WATER WALLS.

XXX RFG 5
FLOOR - 2 1/2" RECESSED WOOD FLOOR SYSTEM REFER TO PLANS
BASE - 6" RESILIENT BASE / VENTED BASE 6"
WALLS - 6'-0" HIGH FRP PANELS AT FIRST 6'-0" OF WALL / EPOXY PAINT

NOTE: FRP PANELS ARE TO BE INSTALLED OVER 5/8" GYP. ON ICF SYSTEM FULL PERIMETER OF ROOM. PROVIDE ACOUSTIC WALL PANELS PER RCP AND ENLARGED PLANS (OMIT FRP AT STRINGS / PLATFORM)

PROVIDE SEALED CONCRETE BELOW BLEACHERS.

SYMBOL LEGEND

Symbol	Description
Room 000 RFG 0	ROOM NUMBER & FINISH GROUP DESIGNATION (REFER TO ROOM FINISH GROUPS ON THIS SHEET)
	ROOM NUMBER
X	DOOR NUMBER (REFER TO SCHEDULE, SHEET A7.1)
X	WALL TYPE (REFER TO PARTITION TYPES THIS SHEET)
X	WINDOW OR STOREFRONT TYPE (REFER TO ELEVATIONS ON SHEETS A7.1 & A7.2)
X	TOILET ACCESSORIES (REFER TO SCHEDULE SHEET A2.4)
X	NEW WORK KEY NOTES (REFER TO ALL PLAN SHEETS)
X	ROOF KEY NOTE (REFER TO SHEET A1.9)
X	ELEVATION KEY NOTE (REFER TO SHEETS A3.1 & A3.2)
X	CEILING PLAN KEY NOTE (REFER TO SHEETS A6.1 & A6.2)
X	MEDIA CENTER EQUIPMENT (REFER TO SHEET A2.1)
X	KITCHEN EQUIPMENT (REFER TO SHEET FS1.1)
X	SIGNAGE (REFER TO SHEETS A8.1 & A8.2)
	ELEVATION MARK
XX	COLUMN LINE IDENTIFICATION
RD	ROOF DRAIN, REFER TO MECH. DWGS.
FE	FIRE EXTINGUISHER ON WALL MOUNTED BRACKET. MOUNT TOP OF HANDLE AT 48" A.F.F.
FEC	FIRE EXTINGUISHER IN SEMI-RECESSED CABINET, REFER TO DETAILS ON SHEET A0.1
X	WALL / PARTITION DESIGNATION: FB1 = 1 HR RATED FIRE BARRIER, FB2 = 2 HR RATED FIRE BARRIER, FW2= 2 HR RATED FIRE WALL
	MATCH LINE
	CONTROL/BRICK EXPANSION JOINT (REFER TO 1/8" SCALE FLOOR PLANS AND TYP. DETAILS. REFER TO STRUCT. DRAWINGS FOR ADDITIONAL REQUIREMENTS.)
	DETAIL OR ENLARGED PLAN
	EXTERIOR OR INTERIOR ELEVATIONS
	PARTIAL SECTION OR DETAILS
	WALL OR BUILDING SECTION
Y'xY' MB/TB	"WIDTH x HEIGHT" MARKER BOARD (MB), TACK BOARD (TB), REFER TO SPECS & REFER TO G11 FOR TYPICAL MOUNTING HEIGHTS

GENERAL NOTES

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

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

G3 REFER TO ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON 1/8" PLANS.

G4 REFER TO STRUCTURAL DRAWINGS FOR TYPES, SIZE, LOCATION, CONNECTIONS, REINFORCEMENT AND OTHER REQUIREMENTS PERTAINING TO STRUCTURAL COMPONENTS INDICATED.

G5 REFER TO STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

G6 VERIFY REQUIRED DEPTH OF ALL RECESSED SLABS WITH APPROPRIATE MANUFACTURER PRIOR TO PLACEMENT OF SLAB.

G7 ALL CHANGES IN FLOOR FINISHES SHALL OCCUR BELOW THE DOOR - TYPICAL, U.N.O.

G8 MOUNTING HEIGHTS: (UNLESS NOTED OTHERWISE)
TB (TACK BOARD) MOUNT TOP AT 6'-8" AFF
MB (MARKER BOARD) MOUNT TOP AT 6'-8" AFF
WP (WALL PAD) MOUNT TOP AT 6'-8" AFF
MOUNT TOP OR LOWEST POINT PER LEGEND OF ACTIVE BOARDS/SMART BOARDS AT 6'-8" A.F.F.

G9 REFER TO MECHANICAL DRAWINGS FOR ALL FLOOR DRAIN LOCATIONS.

G10 CONTRACTOR SHALL PROVIDE ALL CONCEALED BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT, TV BRACKETS, FIXTURES, WINDOWS, ETC.

G11 GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL APPLICATIONS OF GYPSUM BOARD.

G12 PROVIDE FILLER PANELS W/ TOPS AT CUBBIE CORNER LOCATIONS AS REQUIRED.

G13 CONTRACTOR SHALL PROVIDE (1) LAYER 30# FELT OR SELF-ADHERING ELASTOMERIC SEPARATION MATERIAL AT ALL LOCATIONS WHERE P.T. LUMBER IS IN CONTACT WITH METAL TO PROTECT AGAINST CORROSION.

G14 ALL FASTENERS AND ANCHORS IN CONTACT W/ PRESSURE TREATED WOOD PRODUCTS SHALL BE G-90 HOT DIPPED GALV. OR STAINLESS STEEL.

G15 CONTACT BETWEEN DISSIMILAR METALS SHALL BE SEPARATED WITH BUTYL TAPE OR OTHER MEANS TO PREVENT GALVANIC CORROSION.

G16 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 8 (INCLUDING DIMENSIONAL WOOD BLOCKING, FIRE BLOCKING, REQUIREMENTS, ETC.). WOOD BLOCKING INSTALLED IN ACCORD WITH KBC SECTION 603, FOR HANDRAILS, MILLWORK, CABINETS, AND WINDOW & DOOR FRAMES 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 EXTERIOR OR AT-GRADE CMU, MASONRY OR CONCRETE, SUCH BLOCKING SHALL BE PRESSURE TREATED. (P.T.)

G17 SYMBOLS THAT REPRESENT M&E ITEMS ON ARCHITECTURAL DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY. REFER TO M&E DRAWINGS FOR SPECIFIC INFORMATION AND FOR ALL FLOOR DRAINS / OPEN RECEPTACLES.

G18 REFER TO ELEVATIONS FOR LOCATION OF CONTROL/EXPANSION JOINTS AND THEIR RESPECTIVE DETAIL CALLOUTS.

G19 ALL MECHANICAL., ELECTRICAL AND PLUMBING PENETRATIONS THROUGH FLOORS SHALL BE SEALED / SAFED / DAMPERED AS REQUIRED TO COMPLY WITH APPLICABLE CODES. ANY ANCILLARY / ANNULAR SPACE BETWEEN DUCTWORK AND FLOOR SLAB OR PLANK / PARTITION MUST BE SEALED W/ APPROVED NON-COMBUSTIBLE MATERIAL.

G20 AT ALL DETAILS REFERRING TO "ICYNENE" FOAM SPRAY INSULATION (OR EQUIVALENT), PROVIDE AS REQUIRED TO ACHIEVE A MINIMUM THERMAL RESISTANCE RATING OF R-22.

G21 WHERE GLASS STOPS ARE ON PUBLIC SIDE OF FRAME, PROVIDE TAMPER RESISTANT SCREWS.

ALTERNATES

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

ABBREVIATIONS, SYMBOL LEGEND, GENERAL NOTES AND PARTITION TYPES

JOB NO.	0000
DATE	APRIL 20, 2020
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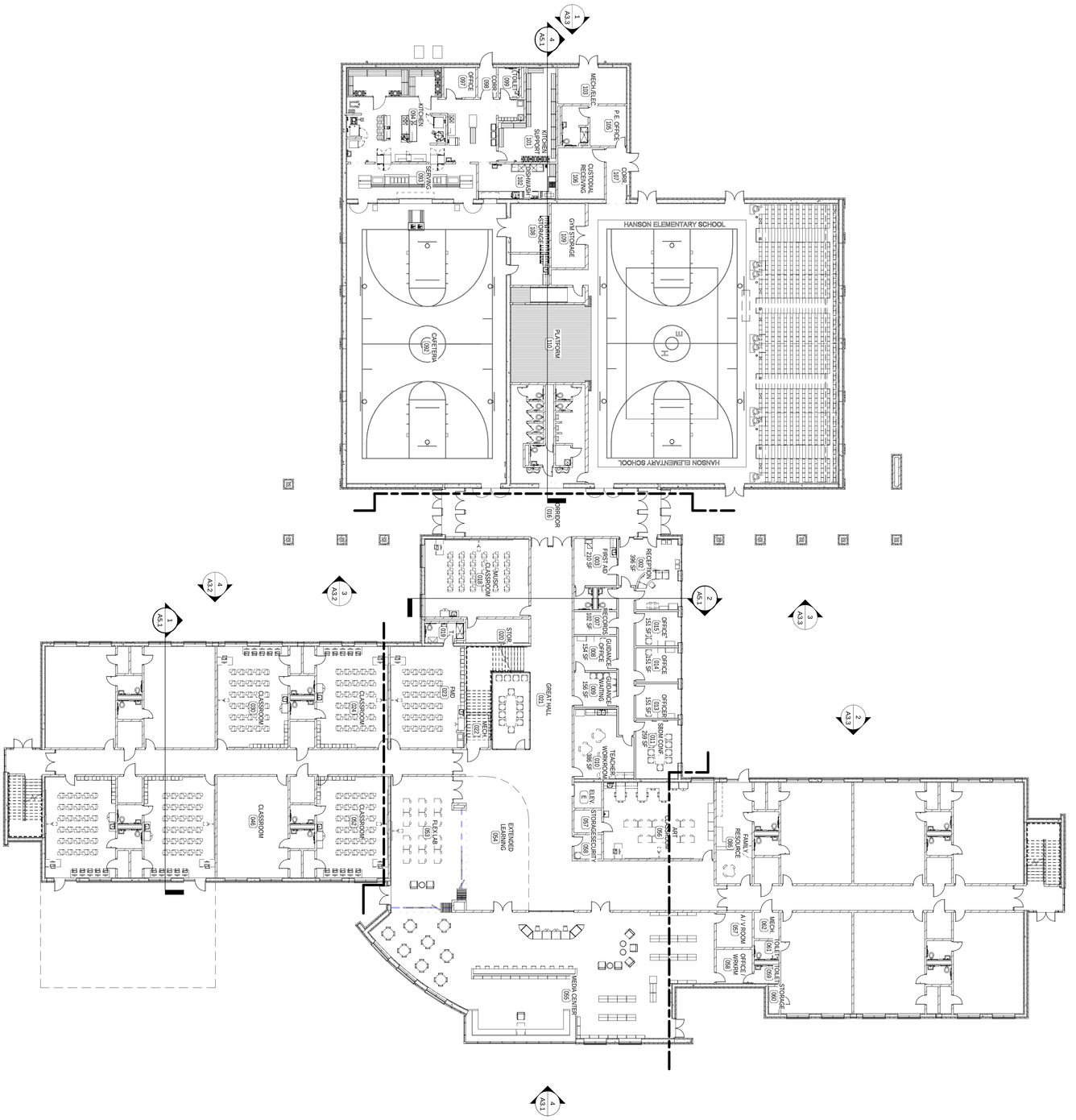
REVISIONS

No.	Description	Date

SHEET

N0.1



1 FIRST FLOOR KEY PLAN
1/16" = 1'-0"

SHEET A0.1		FIRST FLOOR KEY PLAN	HANSON ELEMENTARY SCHOOL HOPKINS COUNTY		

REVISIONS
No. Description Date

JOB NO. 0000
DATE APRIL 20, 2020
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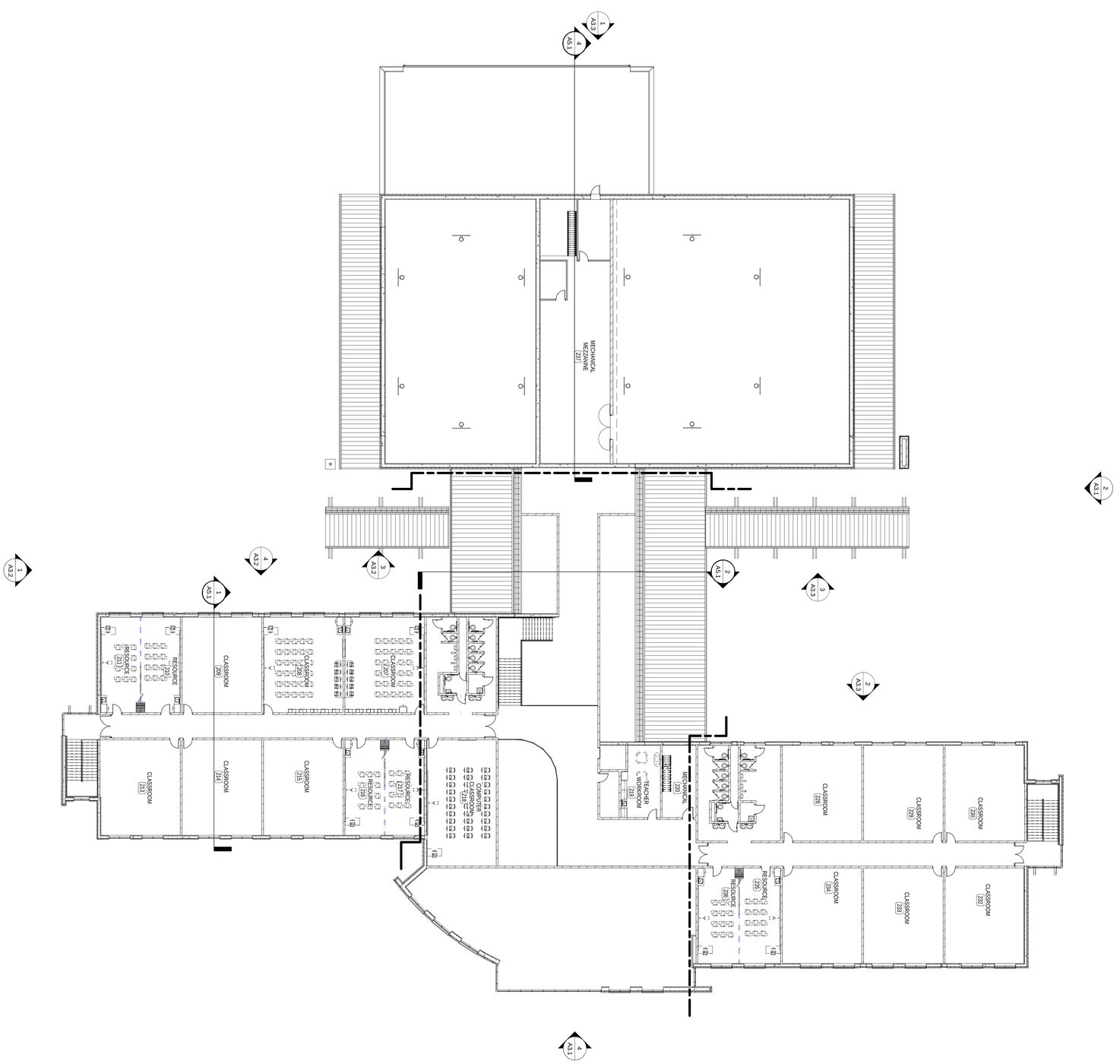
CHECKED Checker

SHERMAN CARTER BARNHART ARCHITECTS

1 SECOND FLOOR KEY PLAN
1/16" = 1'-0"



SHEET A0.2	SECOND FLOOR KEY PLAN	HANSON ELEMENTARY SCHOOL HOPKINS COUNTY	SHERMAN CARTER BARNHART ARCHITECTS

REVISIONS: No. | Description | Date

JOB NO. 0000
DATE APRIL 20, 2020
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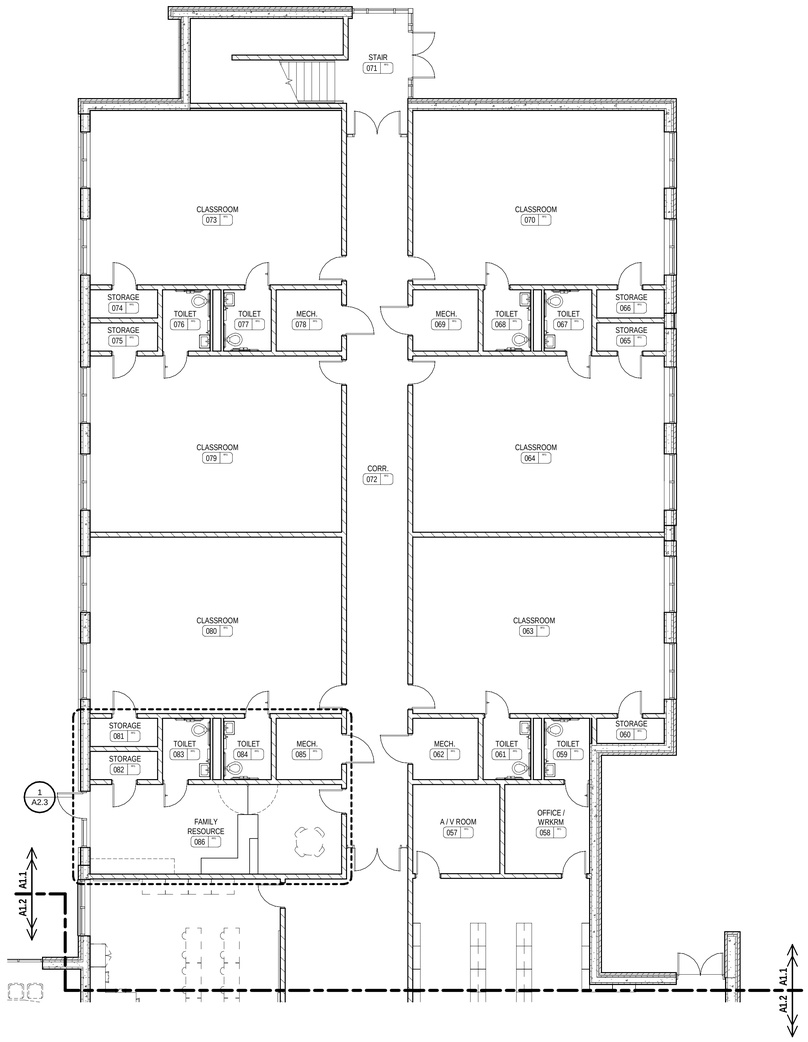
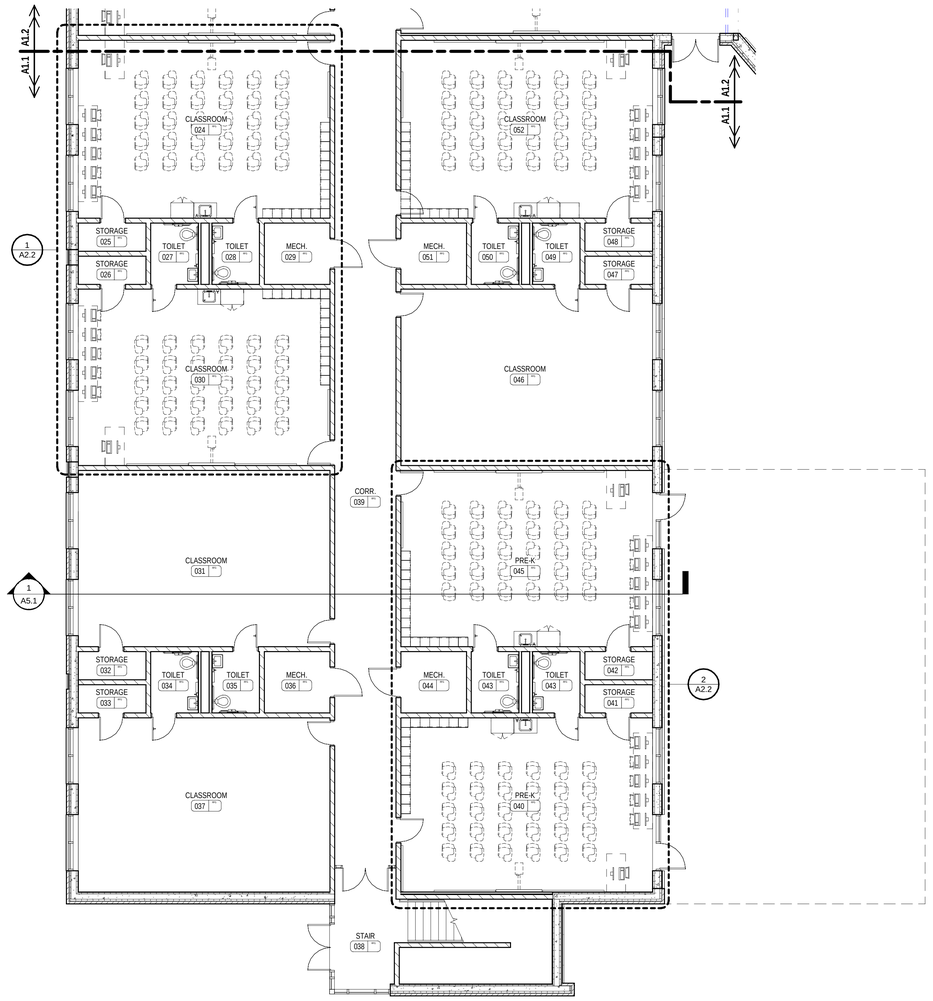


2 FIRST FLOOR PLAN - AREA B

1/8" = 1'-0"



1 FIRST FLOOR PLAN - AREA A

1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHNGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24). BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- [X] WALL TYPE (SCHEDULE SHEET N-1)
- X ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- (X) ELEVATION KEY NOTE (SHEET A3.1)
- (X) ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- (X) SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- (XXX) ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION
- CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

FIRST FLOOR PLAN - AREAS A AND B

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
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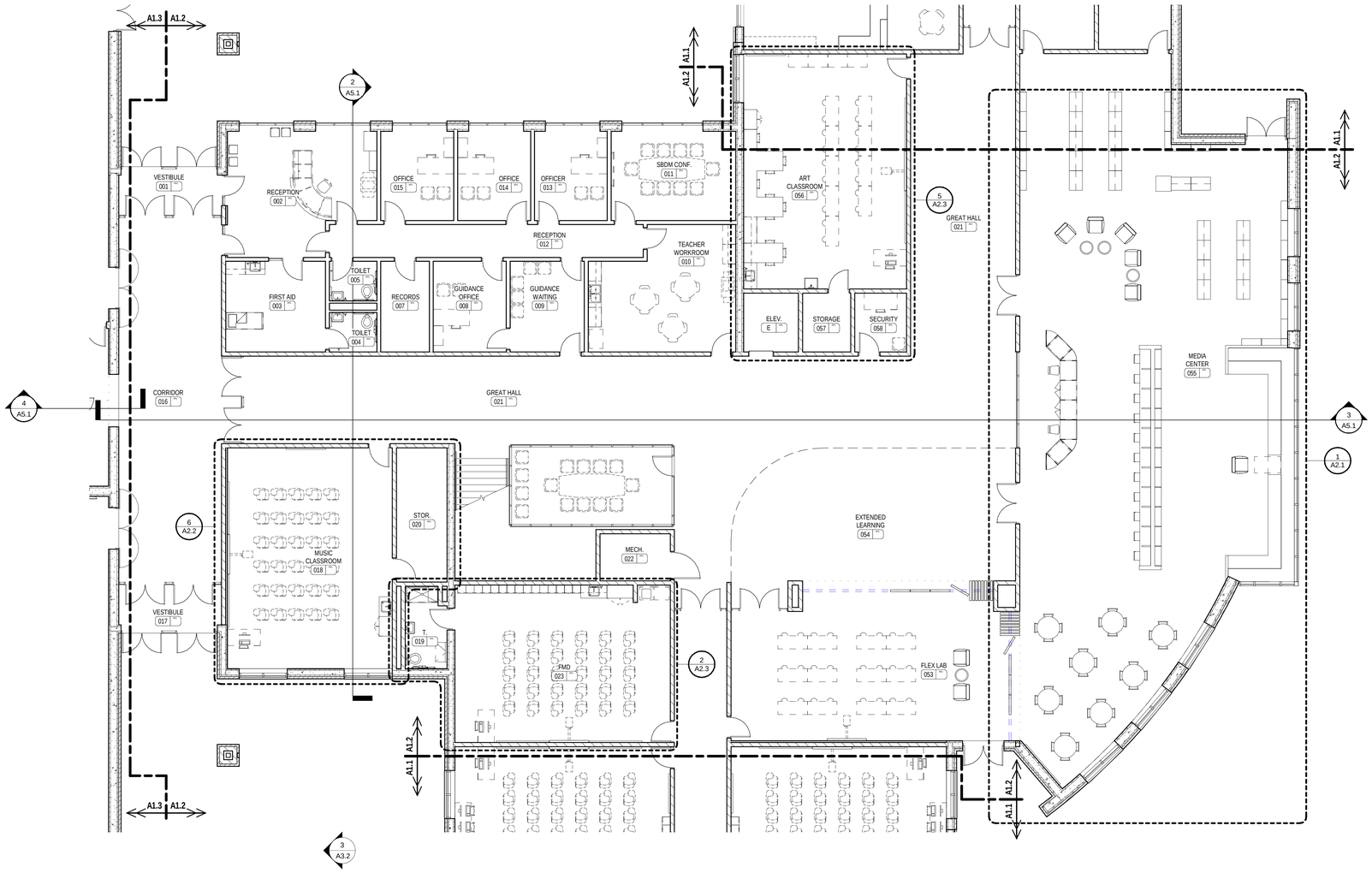
REVISIONS

No.	Description	Date

SHEET

A1.1



1 FIRST FLOOR PLAN - AREA C

1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24). BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- [X] WALL TYPE (SCHEDULE SHEET N-1)
- X ALUMINUN OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- (X) ELEVATION KEY NOTE (SHEET A3.1)
- (X) ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- (X) SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- (X) ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION

CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

FIRST FLOOR PLAN - AREA C

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
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REVISIONS

No.	Description	Date

SHEET

A1.2

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HANSON ELEMENTARY SCHOOL
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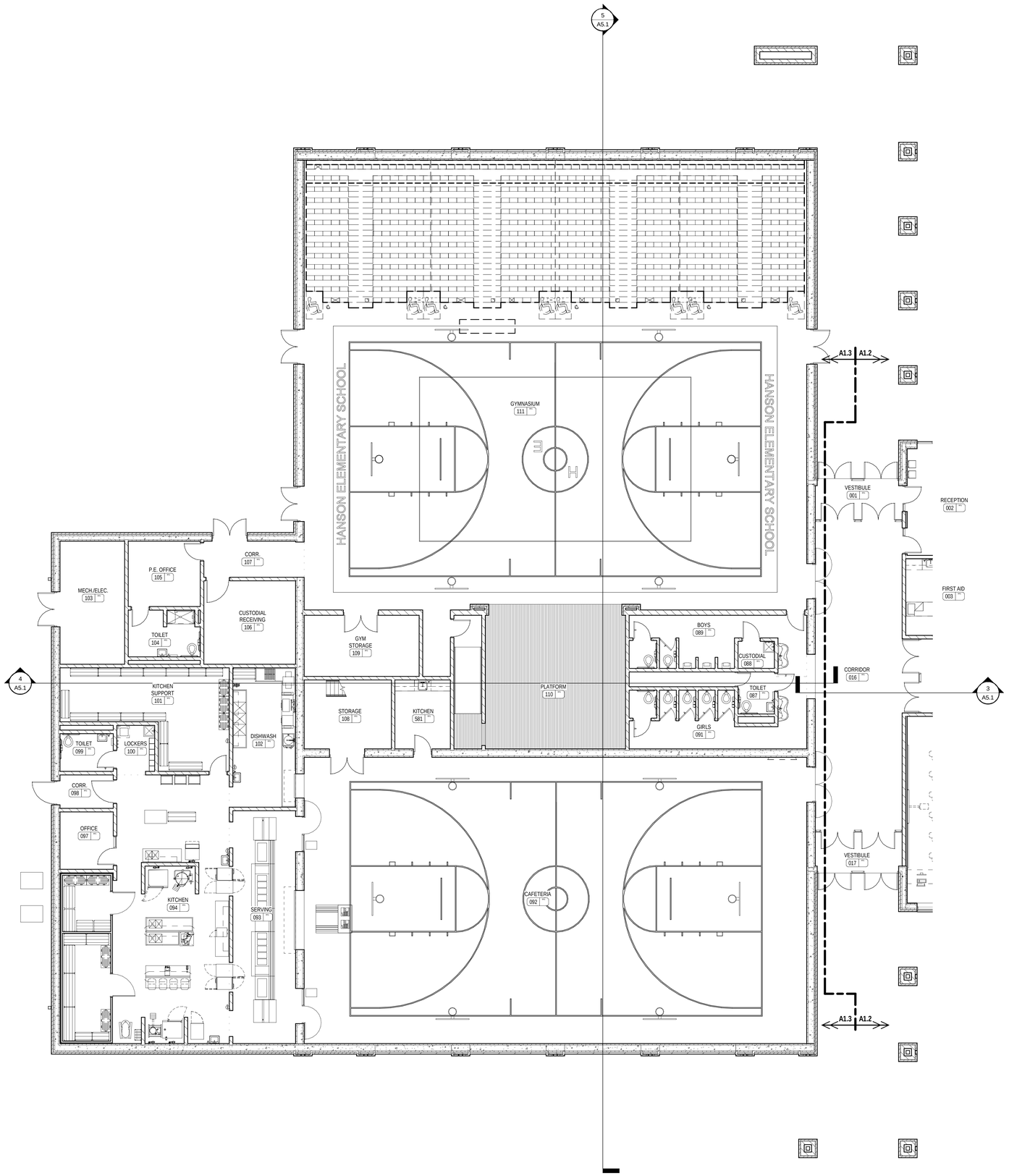

1 FIRST FLOOR PLAN - AREA D
1/8" = 1'-0"

GENERAL NEW WORK NOTES

1 REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

2 REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.

3 REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.

4 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.

5 REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

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4 FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6 SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7 FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8 WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9 RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10 WASHER/DRYER, N.I.C.
11 FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12 WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13 STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14 LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15 ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16 ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17 WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18 DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19 CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20 EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21 LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22 COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23 HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24 SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25 INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26 RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28 SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29 GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30 PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31 REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32 MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34 RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35 DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36 STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37 ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38 ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39 DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL. PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40 TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24). BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41 PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- [X] WALL TYPE (SCHEDULE SHEET N-1)
- X ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- [X] ELEVATION KEY NOTE (SHEET A3.1)
- X ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- <X> SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- X ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION
- CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

FIRST FLOOR PLAN - AREA D

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
CHECKED	-

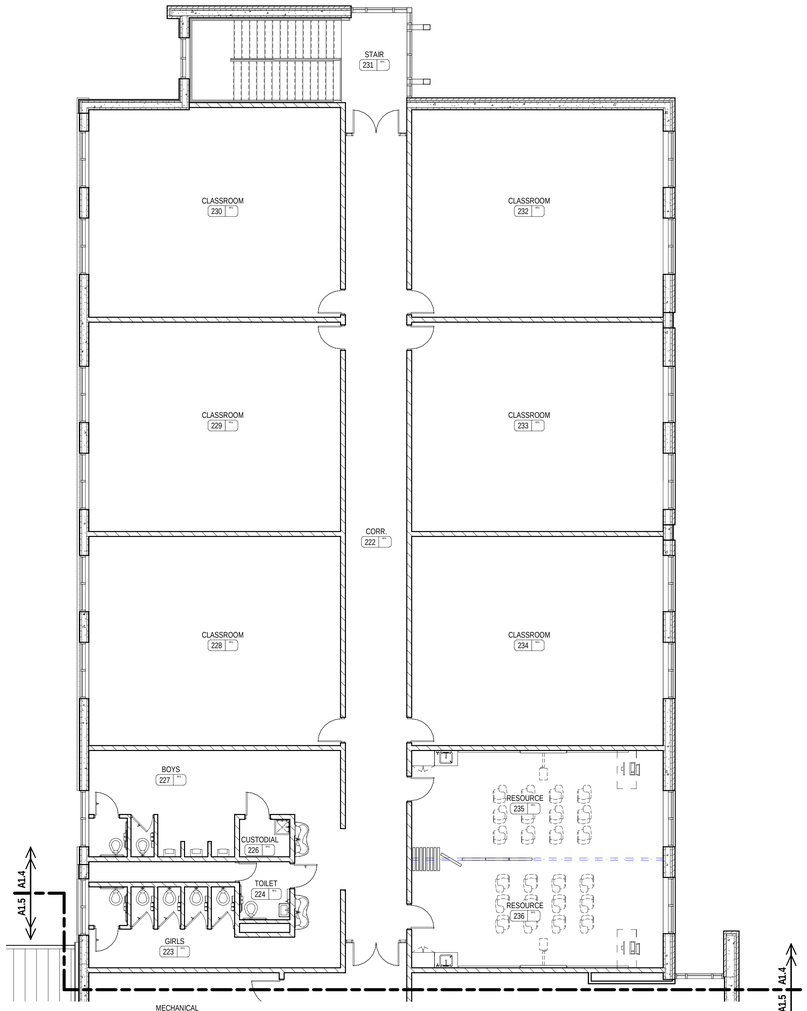
REVISIONS

No.	Description	Date

SHEET

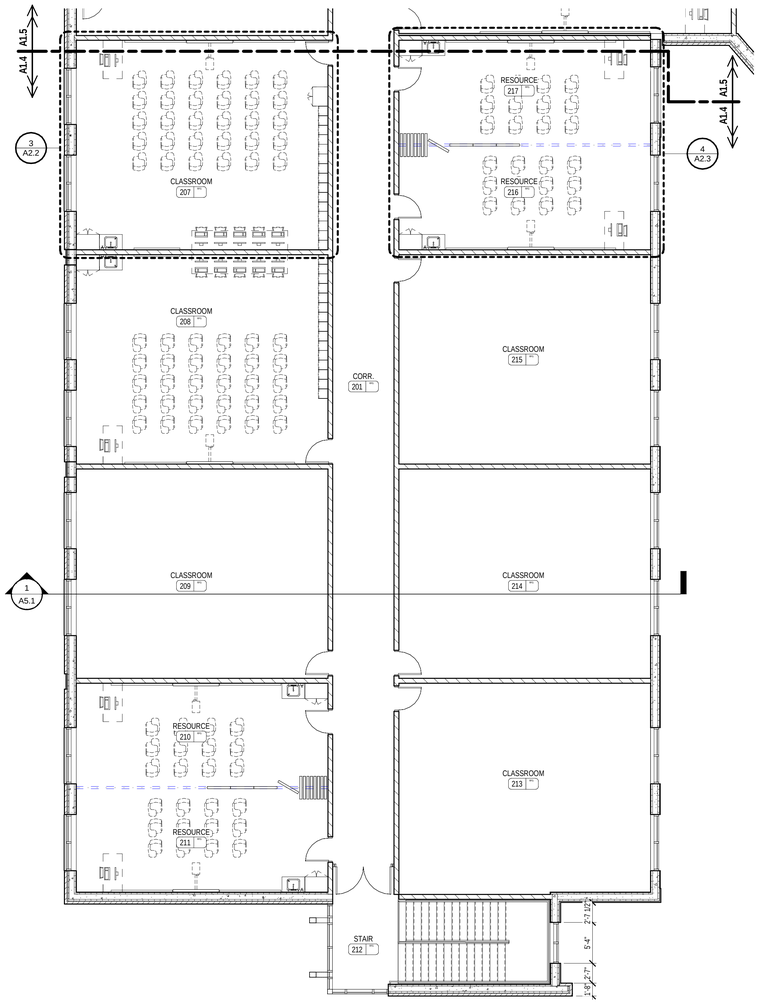
A1.3

0000
HANSON ELEMENTARY SCHOOL
4/17/2020 6:05:48 PM



2 SECOND FLOOR PLAN - AREA B

1/8" = 1'-0"



1 SECOND FLOOR PLAN - AREA A

1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL. PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE, TMI, CORP. MODEL NO. T2102 (36x84x24), BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDTIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- # DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- X WALL TYPE (SCHEDULE SHEET N-1)
- X ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- X TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- X ELEVATION KEY NOTE (SHEET A3.1)
- X ROOF KEY NOTE (SHEET A4.1)
- X CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- X SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- X ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION

CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

SECOND FLOOR PLAN - AREAS A AND B

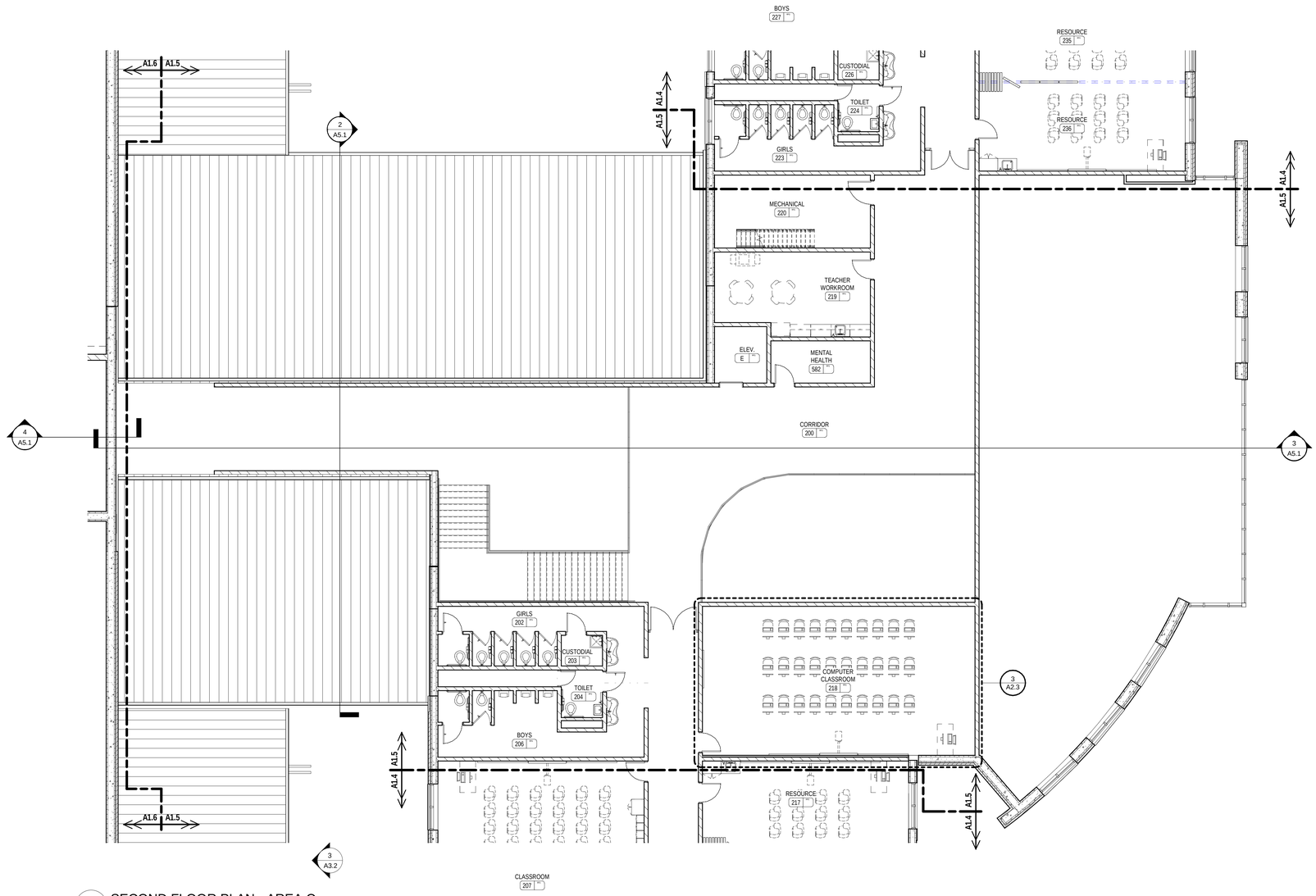
JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
CHECKED	Checker

REVISIONS

No.	Description	Date

SHEET

A1.4



1 SECOND FLOOR PLAN - AREA C
1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL. PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE, TMI, CORP. MODEL NO. T2102 (36x84x24), BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDTIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- [X] WALL TYPE (SCHEDULE SHEET N-1)
- A ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- (X) ELEVATION KEY NOTE (SHEET A3.1)
- (X) ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- (X) SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- (X) ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION
- CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

SECOND FLOOR PLAN - AREA C

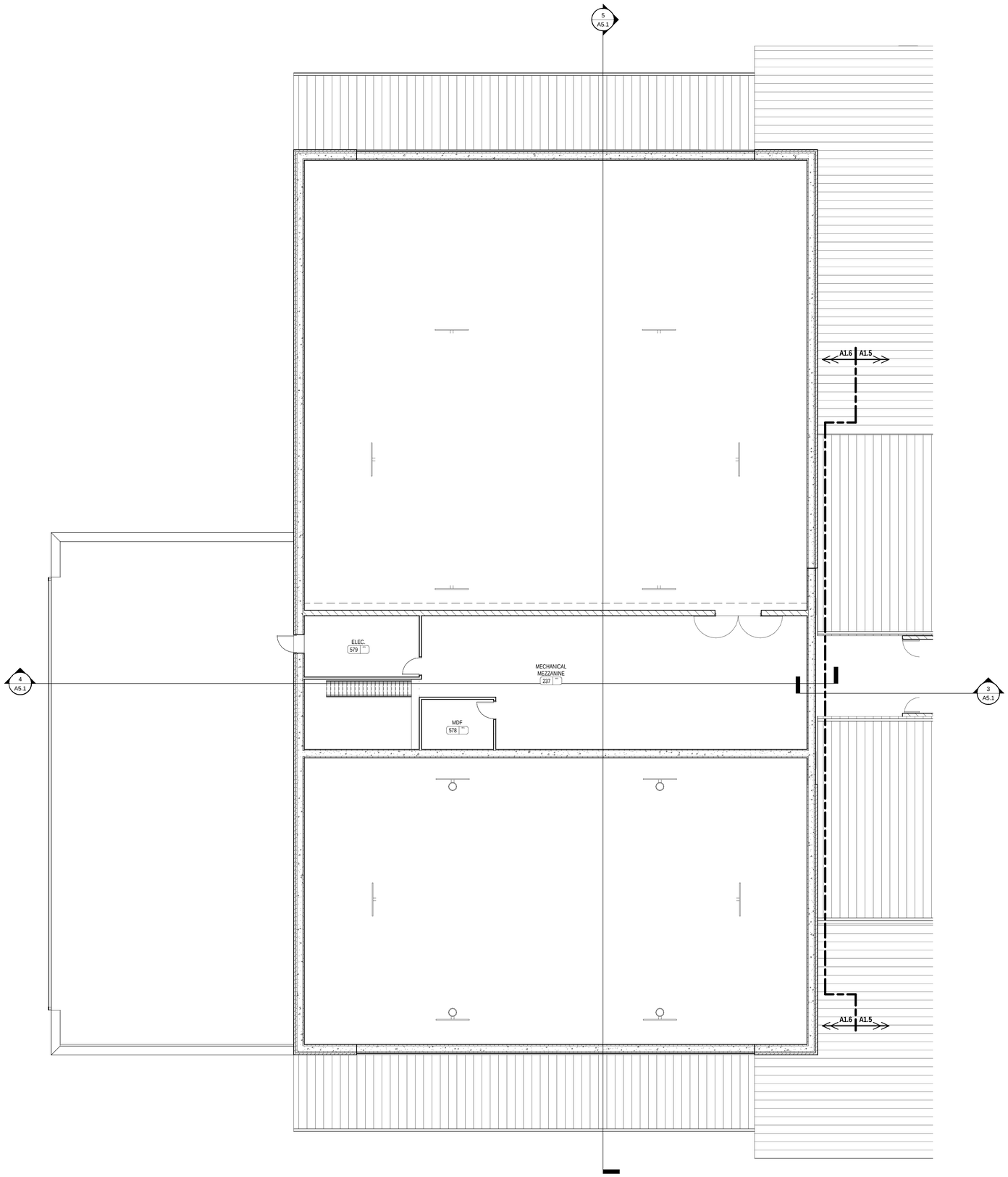
JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
CHECKED	Checker

REVISIONS

No.	Description	Date

SHEET

A1.5



1 SECOND FLOOR PLAN - AREA D
1/8" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24). BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- [X] WALL TYPE (SCHEDULE SHEET N-1)
- X ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- X ELEVATION KEY NOTE (SHEET A3.1)
- X ROOF KEY NOTE (SHEET A4.1)
- X CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- X SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- AAA / X ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION

CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

SECOND FLOOR PLAN - AREA D

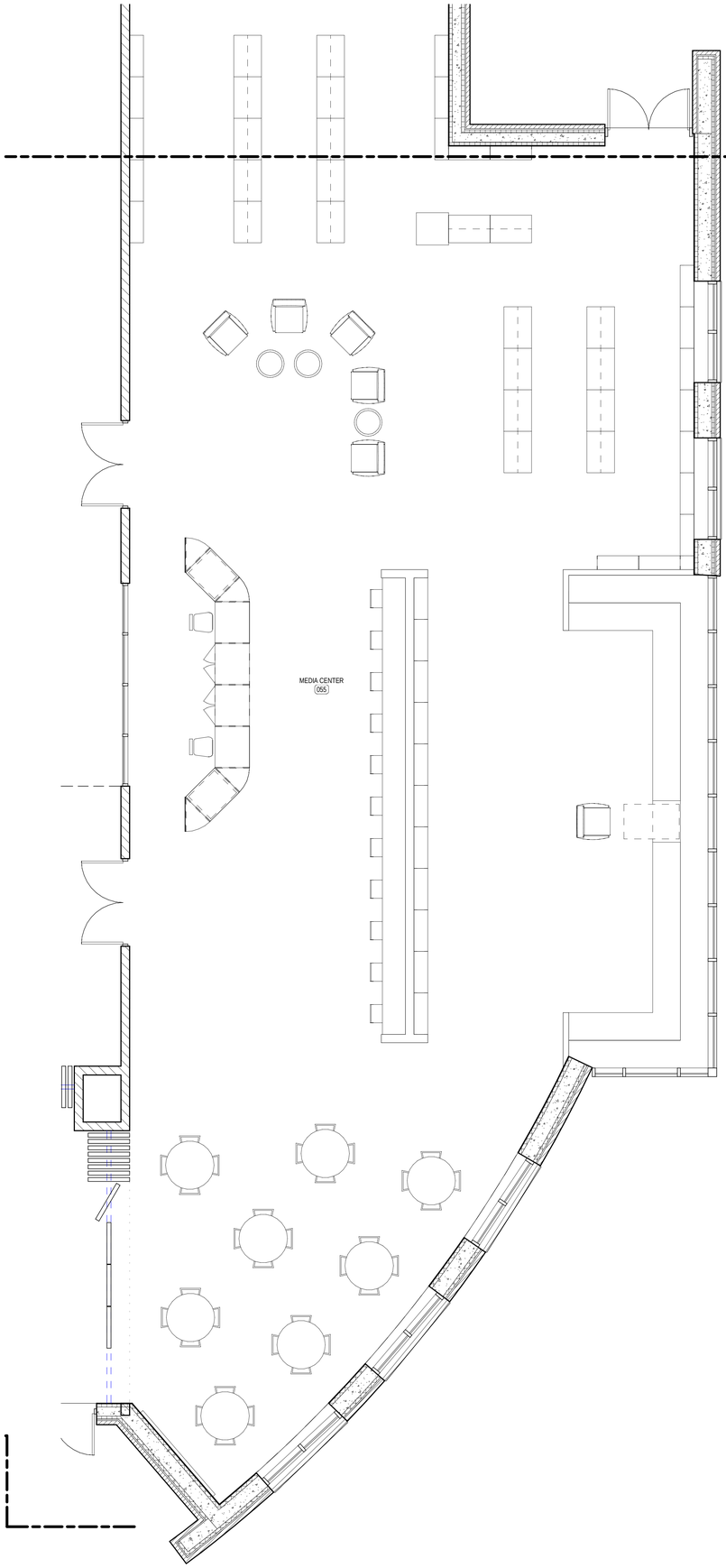
JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
CHECKED	Checker

REVISIONS

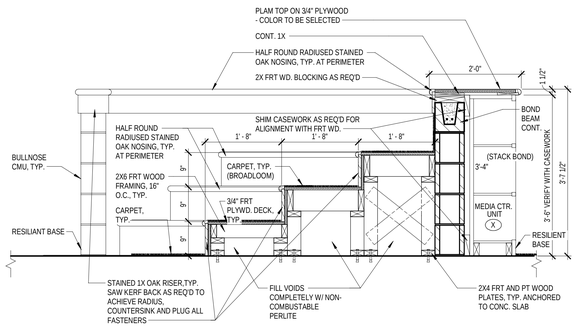
No.	Description	Date

SHEET

A1.6



1 FIRST FLOOR PLAN - AREA A
1/4" = 1'-0"



2 STORY AREA
3/4" = 1'-0"

GENERAL NEW WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3. WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4. FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8. WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9. RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10. WASHER/DRYER, N.I.C.
11. FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12. WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13. STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14. LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15. ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16. ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17. WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18. DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19. CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20. EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21. LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22. COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24. SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26. RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27. LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28. SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29. GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30. PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31. REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32. MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34. RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35. DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36. STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38. ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39. DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FW2". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40. TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24), BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDTIONAL MANUFACTURERS.
41. PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

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.

XXXXX — TMI MODEL #
WxHxD — WIDTHxHEIGHT (T.O. COUNTERTOP) xDEPTH

CASEWORK IN ART ROOM IS CAMPBELL RHEA (PHONE NO. 731-642-4251) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS THE BASIS FOR EQUAL PRODUCTS.

XXXXX — CAMPBELL RHEA MODEL

A. MOUNT ALL BASE AND WALL CASEWORK PER ADA GUIDELINES AND ANSI A117.1-2003.

B. MOUNT TOP OF UPPER WALL CABINETS @ 7'-0" A.F.F., U.N.O.

C. COUNTERTOPS SHALL BE PROVIDED AT ALL CASEWORK .

D. PROVIDE FINISHED END PANELS AT ALL EXPOSED LOCATIONS.

E. PROVIDE 4" BACK AND SIDE SPLASH AT ALL WALL LOCATIONS.

F. PROVIDE INFILL PANELS AS REQUIRED TO CONCEAL VOIDS @ ALL BASE CABINETS.

G. ALL WALL AND BASE CABINETS SHALL HAVE LOCKS ON DOORS AND DRAWERS. PROVIDE ONE KEY SYSTEM PER ROOM AND ONE MASTER KEY.

H. PROVIDE WOOD BLOCKING AS REQUIRED TO SUPPORT COUNTERTOP. COORDINATE W/ UNDER COUNTER EQUIPMENT.

J. PROVIDE CONTINUOUS WOOD BLOCKING @ METAL STUD WALL LOCATIONS FOR MOUNTING OF CASEWORK.

K. PLUMBING PIPES TO RUN BELOW CASEWORK AS SHOWN ON MECH. DWGS.

LIBRARY NOTES

LIBRARY BOOK COLLECTION:

600 STUDENTS x 10 VOLUMES PER STUDENT = 6,000 VOL.
HANSON ELEMENTARY LIBRARY COLLECTION IS BASED ON THE FOLLOWING TYPES OF BOOK PERCENTAGES:

REGULAR BOOKS AT 70%	=	4,200 VOLUMES
PICTURE BOOKS AT 20%	=	1,200 VOLUMES
REFERENCE BOOKS AT 10%	=	600 VOLUMES
TOTAL	=	6,000 VOLUMES

SHELVING:

ALL SHELVES SHALL BE 2/3 FULL. A 3'-0" SHELF AT 2/3 FULL SHALL CONTAIN QUANTITY AS FOLLOWS PER USE:

REGULAR BOOKS	=	20 VOLUMES
PICTURE BOOKS	=	40 VOLUMES
REFERENCE BOOKS	=	11 VOLUMES

TOTAL LIBRARY SHELVING PER TYPE OF BOOK:

REGULAR BOOKS:	UNIT 5:	100 VOLUMES x 13	=	1,300
	UNIT 8:	120 VOLUMES x 26	=	3,120
		SUB TOTAL	=	4,420
PICTURE BOOKS:	UNIT 7:	120 VOLUMES x 10	=	1,200
		SUB TOTAL	=	1,200
REFERENCE UNIT:	UNIT 5:	55 VOLUMES x 4	=	220
	UNIT 6:	33 VOLUMES x 12	=	396
		SUB TOTAL	=	616
		GRAND TOTAL	=	6,236

LIBRARY SEATING:

600 STUDENTS x 15% = 90 SEATS (REQUIRED)

COMPUTER STATION	=	8
LOUNGE SEATING	=	8
TABLE SEATING	=	56
STORY AREA	=	26
TOTAL SEATS PROVIDED	=	98

MEDIA CENTER EQUIPMENT SCHEDULE

(X)

ITEM NO.	ITEM	WORDEN NO. U.N.O.	DIMENSION	REMARKS
1	SHELF UNIT	W-4212-M	42"H x 37"W x 12"D	HARDBOARD BACK AND CASTERS
2	DOUBLE FACED SHELF UNIT	W-6324-M	63"H x 37"W x 24"D	HARDBOARD BACK AND CASTERS
3	DOUBLE FACED SHELF UNIT	W-4224-M	42"H x 37"W x 24"D	HARDBOARD BACK AND CASTERS
4	PERIODICAL TOWER	W4229-MS-M	42"H x 37"W x 24"D	HARDBOARD BACK AND CASTERS
5	DIGITAL CARD CATALOGUE	WSP/BBF	18-1/4"Wx 20-5/8"Dx 29-1/4"H	

NOTE: ALL BASE CASEWORK WITH KEY (X) SYMBOL ARE FOR WORDEN, PHONE NUMBER 1(800)748-0561 AND REPRESENT THE LEVEL OF QUALITY REQUIRED, AND SHALL BE USED AS A BASIS FOR EQUAL PRODUCTS.

SYMBOLS LEGEND

- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- (X) WALL TYPE (SCHEDULE SHEET N-1)
- (X) ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- (X) ELEVATION KEY NOTE (SHEET A3.1)
- (X) ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- (X) SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- (X) ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION

CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

ENLARGED MEDIA CENTER PLAN

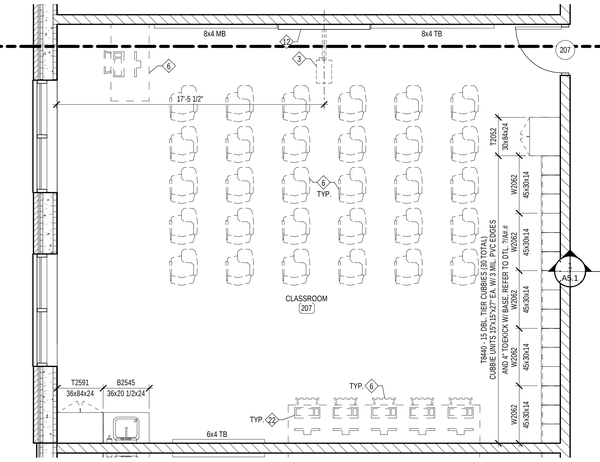
JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

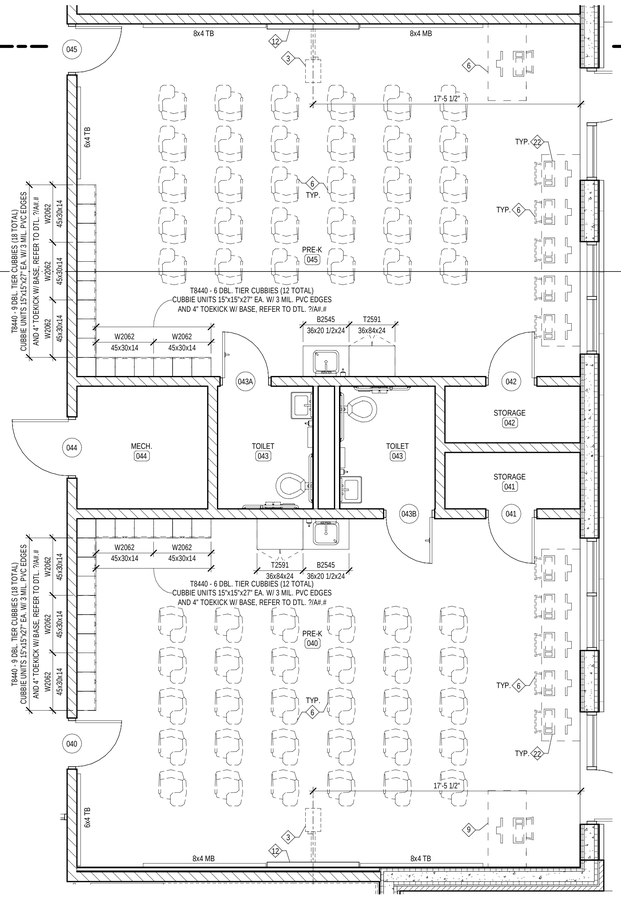
No.	Description	Date

SHEET

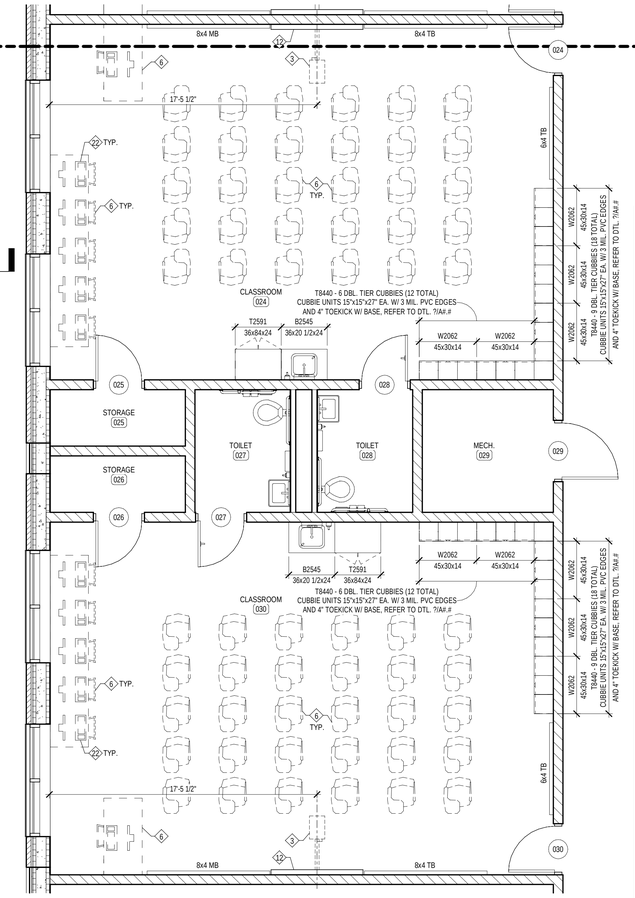
A2.1



3 ENLARGED CLASSROOM PLAN - SECOND FLOOR
1/4" = 1'-0"

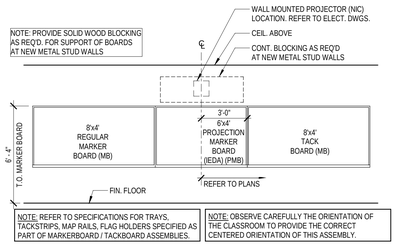


2 ENLARGED CLASSROOM PLAN - PRESCHOOL
1/4" = 1'-0"

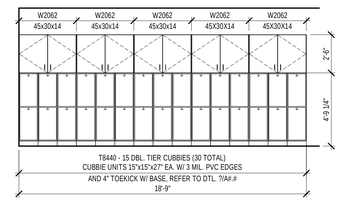


1 ENLARGED CLASSROOM PLAN - FIRST FLOOR
1/4" = 1'-0"

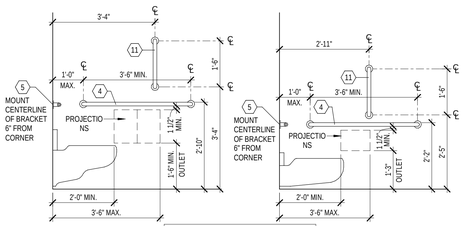
6 FIRST FLOOR PLAN - AREA A
1/4" = 1'-0"



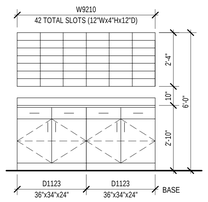
5 INSTRUCTION WALL
1/4" = 1'-0"



4 CUBBIE ELEVATION
1/4" = 1'-0"



12 ADA COMPLIANT GRAB BAR LAYOUT
1/2" = 1'-0"



9 MAIL SLOT ELEVATION
3/8" = 1'-0"

GENERAL NEW WORK NOTES

1 REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

2 REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.

3 REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.

4 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.

5 REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1 GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2 STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3 WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4 FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6 SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7 FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8 WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9 RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10 WASHER/DRYER, N.I.C.
11 FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12 WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13 STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14 LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15 ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16 ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17 WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18 DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19 CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20 EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21 LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22 COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23 HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24 SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25 INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26 RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28 SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29 GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30 PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31 REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32 MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34 RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35 DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36 STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37 ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38 ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39 DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40 TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24). BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41 PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

TOILET ACCESSORY SCHEDULE

	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK AND BUMPER	48" TOP OF HOOK	ASI 0714
2	SOAP DISPENSER (SURFACE MTD.)	40" TO VALVE	ASI 0347
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 3100-P-42
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3100-P-36
6	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	ASI 0852
7	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B - 24"x36"
8	PAPER TOWEL DISPENSER (DISPENSER W/ WASTE RECEPTACLE AT ALL RESTROOMS - SURFACE MTD.)	48" TO DISPENSER SLOT	ASI 0469-2
9	24" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3100-P-24
10	NOT USED	-	-
11	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BTM. CENTERLINE	ASI 3100-P-18
12	S.S. SOAP DISPENSER	40" TO VALVE	ASI 0343
13	SHOWER ROD / CURTAIN HOOKS / CURTAIN	84" TO CENTER / LENGTH AS REQ'D ON PLANS	ASI 1224 / 1200 SHU / 1200V
14	MOP / BROOM HOLDER (36" WIDE)	72" TO TOP	SEE PLUMBING
15	59" WALL MOUNTED / FOLD-DOWN (W/ LEG SUPPORTS) SPECIAL NEEDS CHANGING TABLE (300 LB CAPACITY)	35" TO TABLE TOP	LINIDO / HANDICARE BASIC CHANGING TABLE OR APPROVED EQUAL - # LI 2403.1501-02
16	MOP BASIN	FLOOR MOUNTED	SEE PLUMBING
17	TOWEL BAR (24" WIDE)	48" TO CTR OF BAR	ASI 0760-224
18	NOT USED	-	-
19	DOUBLE ROBE/ TOWEL HOOK	48" TO TOP OF HOOK	ASI 127
20	PAPER TOWEL DISPENSER (SURFACE MOUNTED)	46" TO DISPENSER SLOT	ASI 20210
21	FOLDING SHOWER SEAT	18" TO TOP OF SEAT	ASI 8205
22	BABY CHANGING STATION	33" MAX. TO OPENED POSITION	ASI 9012
23	HAND DRYER	40" TO BUTTON CENTERLINE	DYSON AIRBLADE dB

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.

XXXXX — TMI MODEL #
WxHxD — WIDTHxHEIGHT (T.O. COUNTERTOP) xDEPTH

CASEWORK IN ART ROOM IS CAMPBELL RHEA (PHONE NO. 731-642-4251) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS THE BASIS FOR EQUAL PRODUCTS.

XXXXX — CAMPBELL RHEA MODEL

A MOUNT ALL BASE AND WALL CASEWORK PER ADA GUIDELINES AND ANSI A117.1-2003.
B MOUNT TOP OF UPPER WALL CABINETS @ 7'-0" A.F.F., U.N.O.
C COUNTERTOPS SHALL BE PROVIDED AT ALL CASEWORK .
D PROVIDE FINISHED END PANELS AT ALL EXPOSED LOCATIONS.
E PROVIDE 4" BACK AND SIDE SPLASH AT ALL WALL LOCATIONS.
F PROVIDE INFILL PANELS AS REQUIRED TO CONCEAL VOIDS @ ALL BASE CABINETS.
G ALL WALL AND BASE CABINETS SHALL HAVE LOCKS ON DOORS AND DRAWERS. PROVIDE ONE KEY SYSTEM PER ROOM AND ONE MASTER KEY.
H PROVIDE WOOD BLOCKING AS REQUIRED TO SUPPORT COUNTERTOP. COORDINATE W/ UNDER COUNTER EQUIPMENT.
J PROVIDE CONTINUOUS WOOD BLOCKING @ METAL STUD WALL LOCATIONS FOR MOUNTING OF CASEWORK.
K PLUMBING PIPES TO RUN BELOW CASEWORK AS SHOWN ON MECH. DWGS.

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 4/A2.4

SYMBOLS LEGEND

ROOM FINISH GROUPS (REFER TO SHEET N-1)
ROOM NUMBER
(#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
(X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
(X) WALL TYPE (SCHEDULE SHEET N-1)
(X) ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
(X) TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
(X) ELEVATION KEY NOTE (SHEET A3.1)
(X) ROOF KEY NOTE (SHEET A4.1)
(X) CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
(X) SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
(X) ROOM / WALL DESIGNATION
FB1 1 HOUR FIRE BARRIER
FB2 2 HOUR FIRE BARRIER
SO INCIDENTAL USE SEPARATION
CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

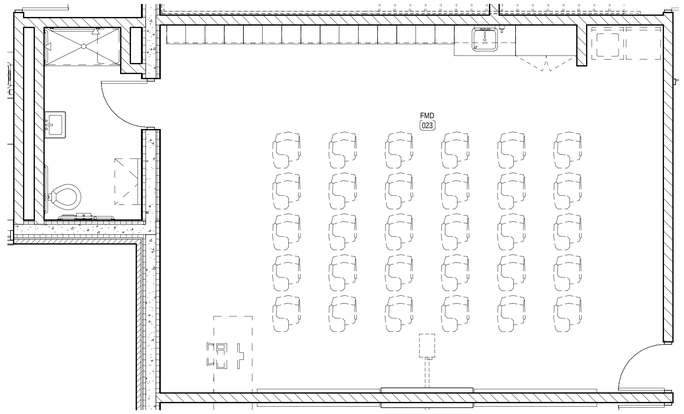
ENLARGED PLANS

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	ALC, ASC
CHECKED	-

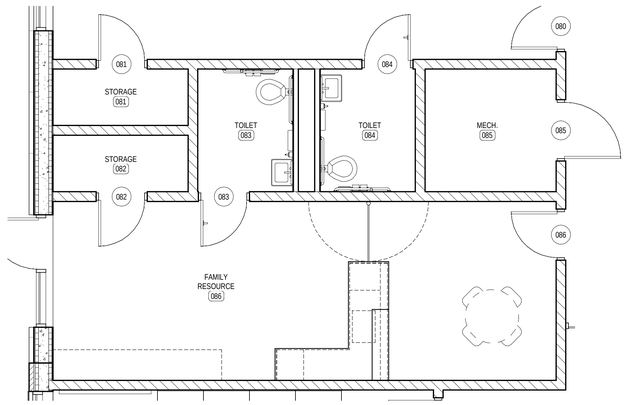
REVISIONS

No.	Description	Date

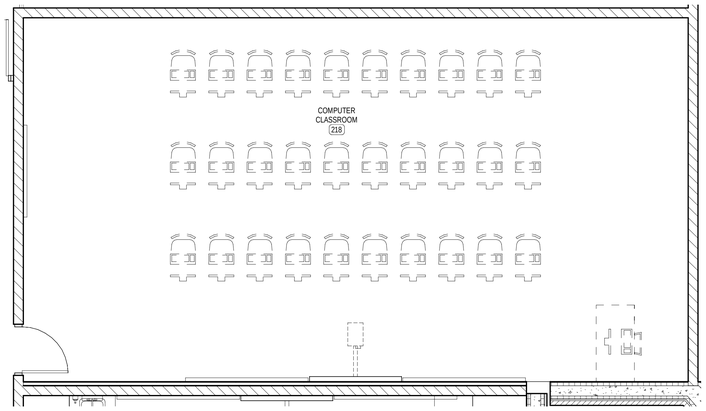
SHEET
A2.2



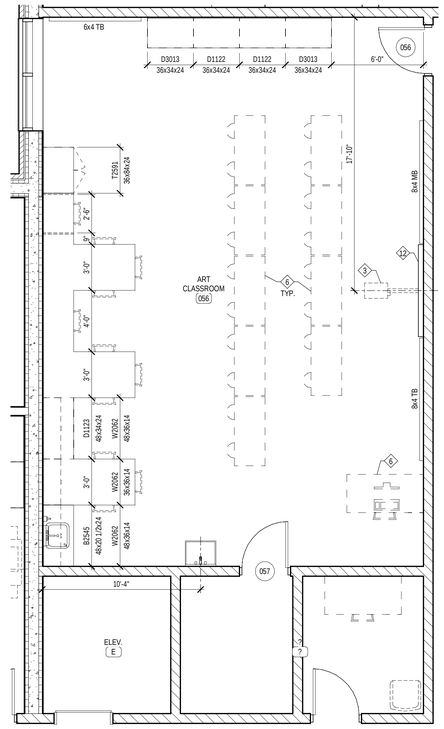
2 ENLARGED FMD PLAN
1/4" = 1'-0"



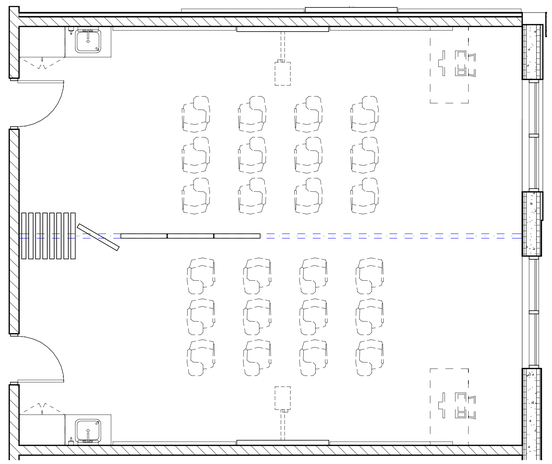
1 ENLARGED FAMILY RESOURCE PLAN
1/4" = 1'-0"



3 ENLARGED COMPUTER CLASSROOM PLAN
1/4" = 1'-0"



5 ENLARGED ART CLASSROOM PLAN
1/4" = 1'-0"



4 ENLARGED RESOURCE ROOM 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.

XXXXX — TMI MODEL #
WxHxD — WIDTHxHEIGHT (T.O. COUNTERTOP) xDEPTH

CASEWORK IN ART ROOM IS CAMPBELL RHEA (PHONE NO. 731-642-4251) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS THE BASIS FOR EQUAL PRODUCTS.

XXXXX — CAMPBELL RHEA MODEL

A MOUNT ALL BASE AND WALL CASEWORK PER ADA GUIDELINES AND ANSI A117.1-2003.

B MOUNT TOP OF UPPER WALL CABINETS @ 7'-0" A.F.F., U.N.O.

C COUNTERTOPS SHALL BE PROVIDED AT ALL CASEWORK .

D PROVIDE FINISHED END PANELS AT ALL EXPOSED LOCATIONS.

E PROVIDE 4" BACK AND SIDE SPLASH AT ALL WALL LOCATIONS.

F PROVIDE INFILL PANELS AS REQUIRED TO CONCEAL VOIDS @ ALL BASE CABINETS.

G ALL WALL AND BASE CABINETS SHALL HAVE LOCK'S ON DOORS AND DRAWERS. PROVIDE ONE KEY SYSTEM PER ROOM AND ONE MASTER KEY.

H PROVIDE WOOD BLOCKING AS REQUIRED TO SUPPORT COUNTERTOP. COORDINATE W/ UNDER COUNTER EQUIPMENT.

J PROVIDE CONTINUOUS WOOD BLOCKING @ METAL STUD WALL LOCATIONS FOR MOUNTING OF CASEWORK.

K PLUMBING PIPES TO RUN BELOW CASEWORK AS SHOWN ON MECH. DWGS.

GENERAL NEW WORK NOTES

1 REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

2 REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.

3 REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.

4 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.

5 REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1 GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2 STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3 WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4 FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6 SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7 FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8 WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9 RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10 WASHER/DRYER, N.I.C.
11 FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12 WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13 STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14 LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15 ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16 ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17 WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18 DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19 CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20 EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21 LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22 COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23 HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24 SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25 INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26 RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28 SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29 GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30 PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31 REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32 MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34 RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35 DOUBLE-NESTED 2 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36 STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37 ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38 ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39 DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FW2". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40 TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24), BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDTIONAL MANUFACTURERS.
41 PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

ROOM FINISH GROUPS (REFER TO SHEET N-1)
ROOM NUMBER
DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
X NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
X WALL TYPE (SCHEDULE SHEET N-1)
X ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
X TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
X ELEVATION KEY NOTE (SHEET A3.1)
X ROOF KEY NOTE (SHEET A4.1)
X CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
X SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
X ROOM / WALL DESIGNATION
FB1 1 HOUR FIRE BARRIER
FB2 2 HOUR FIRE BARRIER
SO INCIDENTAL USE SEPARATION
CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

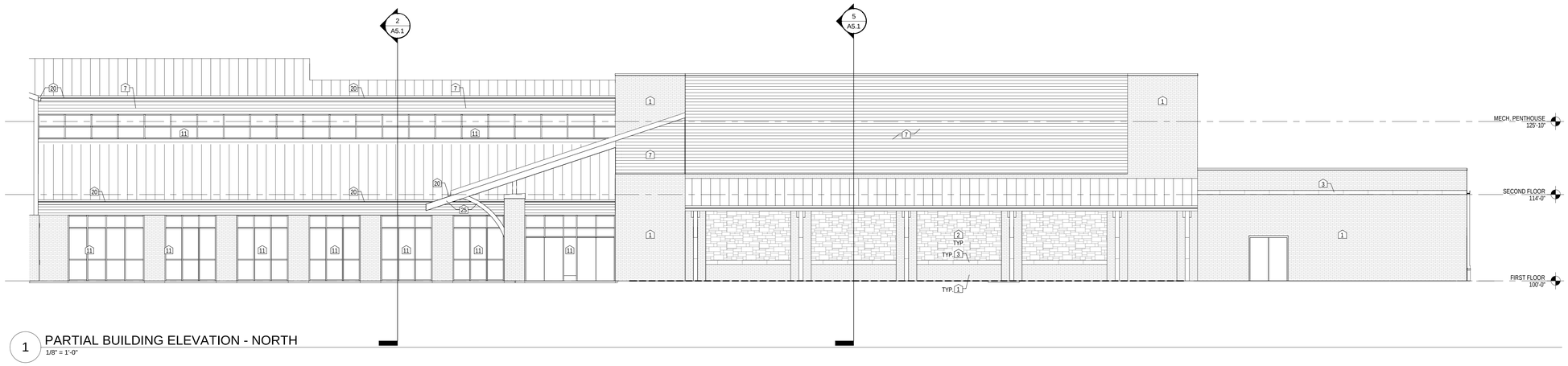
ENLARGED PLANS

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	Author
CHECKED	Checker

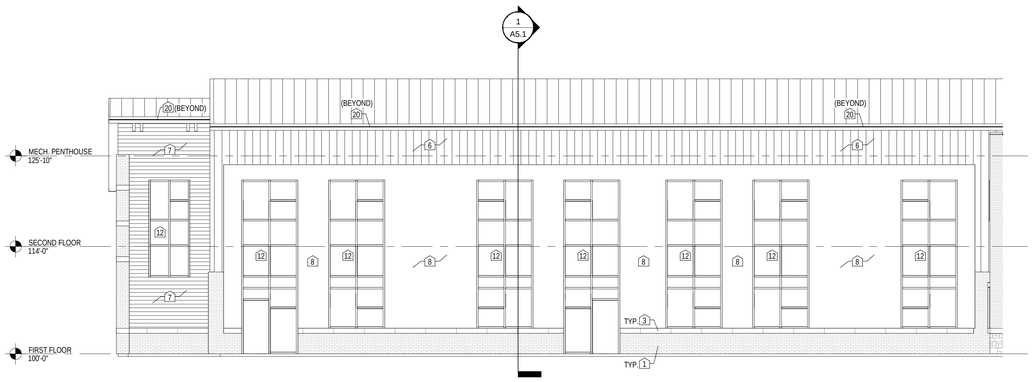
REVISIONS

No.	Description	Date

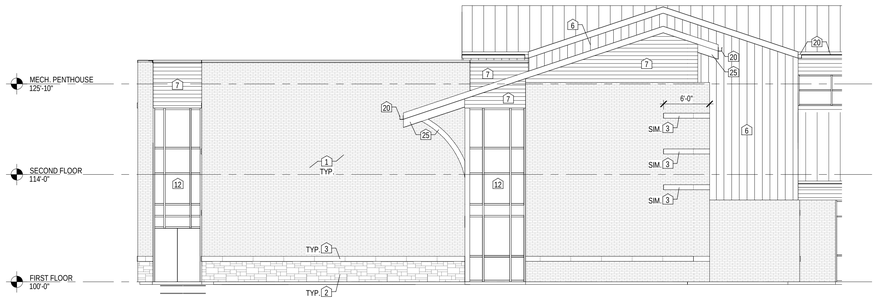
SHEET
A2.3



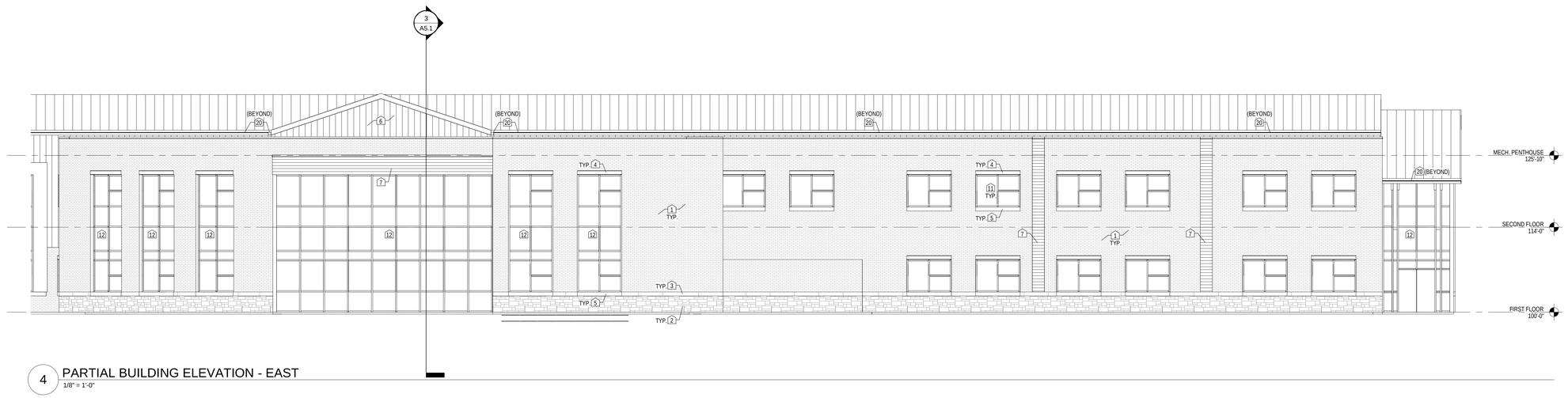
1 PARTIAL BUILDING ELEVATION - NORTH
1/8" = 1'-0"



3 PARTIAL BUILDING ELEVATION - EAST
1/8" = 1'-0"



2 PARTIAL BUILDING ELEVATION - NORTH
1/8" = 1'-0"



4 PARTIAL BUILDING ELEVATION - EAST
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.

HATCH INDICATES FACE BRICK (FIELD COLOR), TYPICAL

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.

X ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. FACE BRICK.
2. CALCIUM SILICATE.
3. CAST STONE WATER TABLE IN 4'-0" LENGTHS WITH MFR. JOINT, REFER TO _/A_-_.
4. CAST STONE HEADER, REFER TO DETAILS.
5. CAST STONE SILL, REFER TO DETAILS.
6. PRE-FIN. METAL WALL PANELS TYPE 'A'. REFER TO DETAILS AND SPECIFICATIONS.
7. PRE-FIN. METAL WALL PANELS TYPE 'B'. REFER TO DETAILS AND SPECIFICATIONS.
8. ALUMINUM COMPOSITE PANEL SYSTEM. REFER TO DETAILS AND SPECIFICATIONS.
9. PRE-FIN. S.M. COPING, REFER TO ROOF DETAILS.
10. PRE-FIN. 5"x5" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS.
11. PRE-FIN. ALUM. STOREFRONT SYSTEM.
12. PRE-FIN. ALUM. CURTAIN WALL SYSTEM.
13. FINISH GRADE VARIES, REFER TO SITE DRAWINGS.
14. DOWNSPOUT AT PRE-ENGINEERED CANOPY.
15. PRE-FIN. S.M. FASCIA TRIM. REFER TO ROOF DETAILS.
16. PRE-FIN. S.M. RAKE TRIM. REFER TO ROOF DETAILS.
17. PRE-FIN. PRE-ENGINEERED ALUMINUM CANOPY. MOUNT AT 8'-8" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE, REFER TO DETAIL -/-.
18. ROOF OVERFLOW NOZZLE. COORD. HEIGHT W/ CEILING AND ROOF.
19. ROOF LADDER, REFER TO DETAIL -/-.
20. PRE-FIN. 6"X6" S.M. GUTTER, REFER TO ROOF DETAILS.
21. CONTROL/BRICK EXPANSION JOINTS, REFER TO DETAIL - & -/-. DO NOT LOCATE JOINTS DIRECTLY BEHIND DOWNSPOUT LOCATIONS.
22. MECH. LOUVER, REFER TO MECHANICAL DRAWINGS AND DETAIL -/-.
23. PAINTED GALVANIZED HOLLOW METAL FRAME W/ INSULATED H.M. DOOR, REFER TO DOOR SCHEDULE ON SHEET A8.1.
24. EXTERIOR LIGHT FIXTURE. MOUNT @ 7'-4" TO CENTER. REFER TO ELEC. DRAWINGS.
25. GALV. STEEL FRAMING (PAINT).
26. DRYER VENT, REFER TO MEP DRAWINGS.
27. CONCRETE STOOP OR WALK, REFER TO SITE DRAWINGS.
28. PRE-FIN. 6"x6" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS. AT UPPER ROOF, EXTEND TO SPLASH BLOCK AT LOWER ROOF.
29. PRE-FIN. 5"x5" S.M.DOWNSPOUT U.N.O., EXTEND TO SPLASH BLOCK @ LOWER ROOF OR TO MTL. ROOF BELOW. REFER TO ROOF PLAN.
30. ROOF ASSEMBLY TYPE "A"
31. ROOF ASSEMBLY TYPE "B"
32. ROOF ASSEMBLY TYPE "C"
33. HOSE BIB, REFER TO MEP DRAWINGS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

BUILDING ELEVATIONS

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
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REVISIONS

No.	Description	Date

SHEET

A3.1

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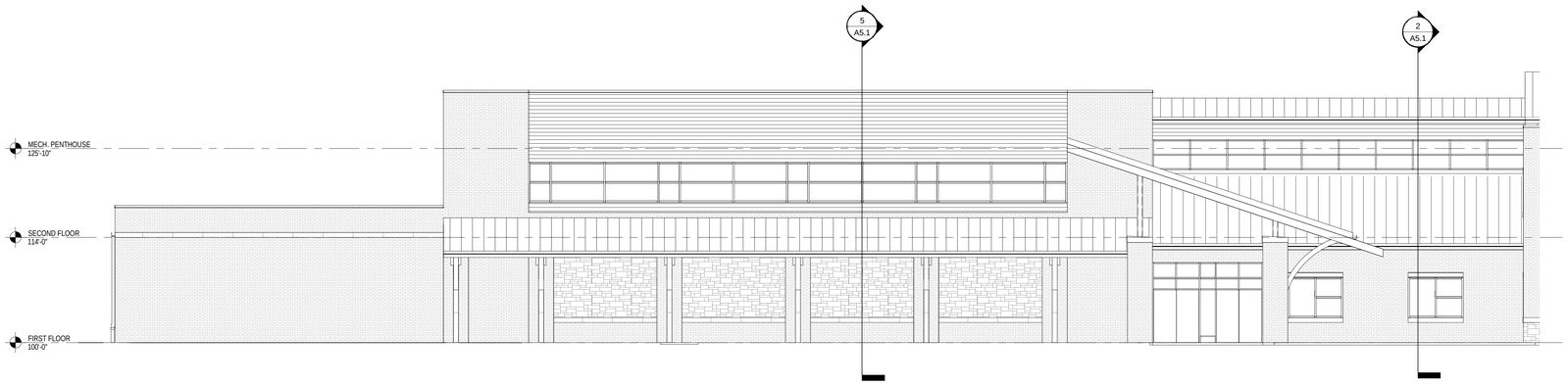
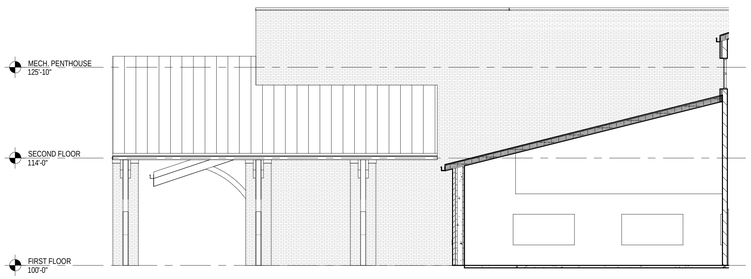
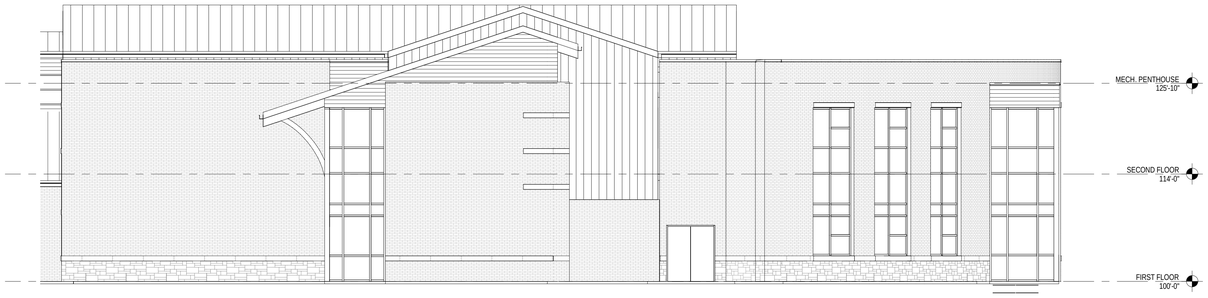


1 PARTIAL BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



3 PARTIAL BUILDING ELEVATION - EAST
1/8" = 1'-0"



2 PARTIAL BUILDING ELEVATION - SOUTH
1/8" = 1'-0"

4 PARTIAL 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.

HATCH INDICATES FACE BRICK (FIELD COLOR), TYPICAL

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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.

X ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. FACE BRICK.
2. CALCIUM SILICATE.
3. CAST STONE WATER TABLE IN 4'-0" LENGTHS WITH MFR. JOINT, REFER TO _/A_-_.
4. CAST STONE HEADER, REFER TO DETAILS.
5. CAST STONE SILL, REFER TO DETAILS.
6. PRE-FIN. METAL WALL PANELS TYPE 'A'. REFER TO DETAILS AND SPECIFICATIONS.
7. PRE-FIN. METAL WALL PANELS TYPE 'B'. REFER TO DETAILS AND SPECIFICATIONS.
8. ALUMINUM COMPOSITE PANEL SYSTEM. REFER TO DETAILS AND SPECIFICATIONS.
9. PRE-FIN. S.M. COPING, REFER TO ROOF DETAILS.
10. PRE-FIN. 5"x5" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS.
11. PRE-FIN. ALUM. STOREFRONT SYSTEM.
12. PRE-FIN. ALUM. CURTAIN WALL SYSTEM.
13. FINISH GRADE VARIES, REFER TO SITE DRAWINGS.
14. DOWNSPOUT AT PRE-ENGINEERED CANOPY.
15. PRE-FIN. S.M. FASCIA TRIM. REFER TO ROOF DETAILS.
16. PRE-FIN. S.M. RAKE TRIM. REFER TO ROOF DETAILS.
17. PRE-FIN. PRE-ENGINEERED ALUMINUM CANOPY. MOUNT AT 8'-8" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE, REFER TO DETAIL -/-.
18. ROOF OVERFLOW NOZZLE. COORD. HEIGHT W/ CEILING AND ROOF.
19. ROOF LADDER, REFER TO DETAIL -/-.
20. PRE-FIN. 6"X6" S.M. GUTTER, REFER TO ROOF DETAILS.
21. CONTROL/BRICK EXPANSION JOINTS, REFER TO DETAIL - & -/-. DO NOT LOCATE JOINTS DIRECTLY BEHIND DOWNSPOUT LOCATIONS.
22. MECH. LOUVER, REFER TO MECHANICAL DRAWINGS AND DETAIL -/-.
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26. DRYER VENT, REFER TO MEP DRAWINGS.
27. CONCRETE STOOP OR WALK, REFER TO SITE DRAWINGS.
28. PRE-FIN. 6"x6" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS. AT UPPER ROOF, EXTEND TO SPLASH BLOCK AT LOWER ROOF.
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30. ROOF ASSEMBLY TYPE "A"
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33. HOSE BIB, REFER TO MEP DRAWINGS.

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

BUILDING ELEVATIONS

JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	MM
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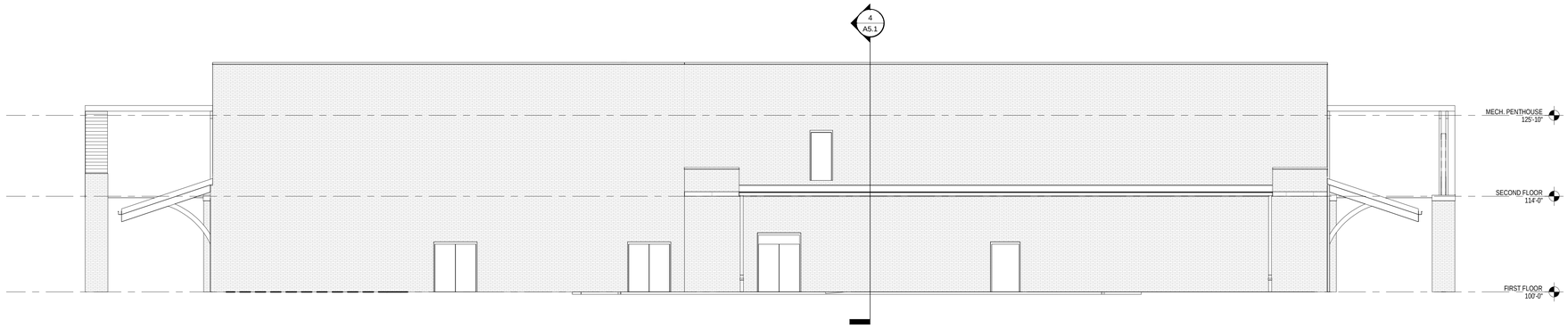
REVISIONS

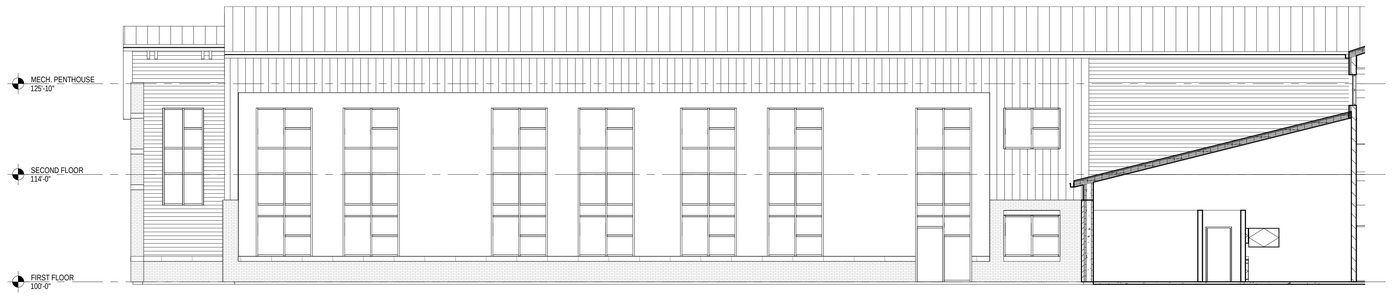
No.	Description	Date

SHEET

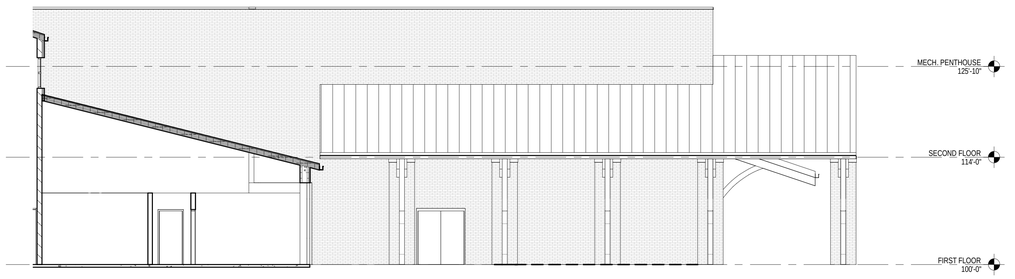
A3.2



1 PARTIAL BUILDING ELEVATION - WEST
1/8" = 1'-0"



2 PARTIAL BUILDING ELEVATION - WEST
1/8" = 1'-0"



3 PARTIAL BUILDING ELEVATION - EAST
1/8" = 1'-0"

GENERAL ELEVATION NOTES

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HATCH INDICATES FACE BRICK (FIELD COLOR), TYPICAL

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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.

(X) ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. FACE BRICK.
2. CALCIUM SILICATE.
3. CAST STONE WATER TABLE IN 4'-0" LENGTHS WITH MFR. JOINT, REFER TO _/A_-_.
4. CAST STONE HEADER, REFER TO DETAILS.
5. CAST STONE SILL, REFER TO DETAILS.
6. PRE-FIN. METAL WALL PANELS TYPE 'A'. REFER TO DETAILS AND SPECIFICATIONS.
7. PRE-FIN. METAL WALL PANELS TYPE 'B'. REFER TO DETAILS AND SPECIFICATIONS.
8. ALUMINUM COMPOSITE PANEL SYSTEM. REFER TO DETAILS AND SPECIFICATIONS.
9. PRE-FIN. S.M. COPING, REFER TO ROOF DETAILS.
10. PRE-FIN. 5"x5" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS.
11. PRE-FIN. ALUM. STOREFRONT SYSTEM.
12. PRE-FIN. ALUM. CURTAIN WALL SYSTEM.
13. FINISH GRADE VARIES, REFER TO SITE DRAWINGS.
14. DOWNSPOUT AT PRE-ENGINEERED CANOPY.
15. PRE-FIN. S.M. FASCIA TRIM. REFER TO ROOF DETAILS.
16. PRE-FIN. S.M. RAKE TRIM. REFER TO ROOF DETAILS.
17. PRE-FIN. PRE-ENGINEERED ALUMINUM CANOPY. MOUNT AT 8'-8" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE, REFER TO DETAIL -/-.
18. ROOF OVERFLOW NOZZLE. COORD. HEIGHT W/ CEILING AND ROOF.
19. ROOF LADDER, REFER TO DETAIL -/-.
20. PRE-FIN. 6"X6" S.M. GUTTER, REFER TO ROOF DETAILS.
21. CONTROL/BRICK EXPANSION JOINTS, REFER TO DETAIL - & -/-. DO NOT LOCATE JOINTS DIRECTLY BEHIND DOWNSPOUT LOCATIONS.
22. MECH. LOUVER, REFER TO MECHANICAL DRAWINGS AND DETAIL -/-.
23. PAINTED GALVANIZED HOLLOW METAL FRAME W/ INSULATED H.M. DOOR, REFER TO DOOR SCHEDULE ON SHEET A8.1.
24. EXTERIOR LIGHT FIXTURE. MOUNT @ 7'-4" TO CENTER. REFER TO ELEC. DRAWINGS.
25. GALV. STEEL FRAMING (PAINT).
26. DRYER VENT, REFER TO MEP DRAWINGS.
27. CONCRETE STOOP OR WALK, REFER TO SITE DRAWINGS.
28. PRE-FIN. 6"x6" S.M. DOWNSPOUT U.N.O. AND CAST IRON DOWNSPOUT BOOT. CONNECT TO BELOW GRADE DRAINAGE SYSTEM, REFER TO SITE DRAWINGS. AT UPPER ROOF, EXTEND TO SPLASH BLOCK AT LOWER ROOF.
29. PRE-FIN. 5"x5" S.M.DOWNSPOUT U.N.O., EXTEND TO SPLASH BLOCK @ LOWER ROOF OR TO MTL. ROOF BELOW. REFER TO ROOF PLAN.
30. ROOF ASSEMBLY TYPE "A"
31. ROOF ASSEMBLY TYPE "B"
32. ROOF ASSEMBLY TYPE "C"
33. HOSE BIB, REFER TO MEP DRAWINGS.

SHERMAN CARTER BARNHART ARCHITECTS

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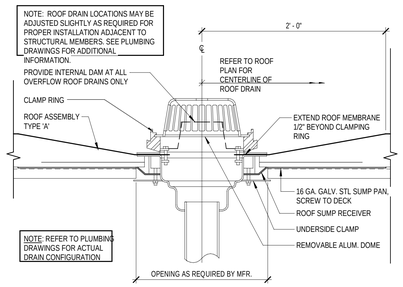
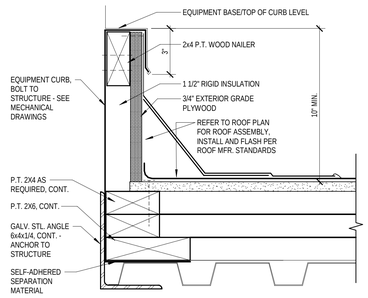
SHEET

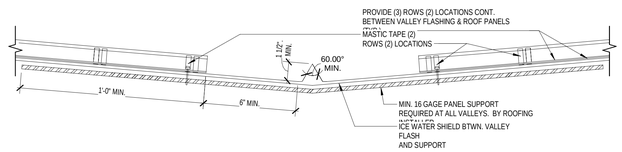
A3.3



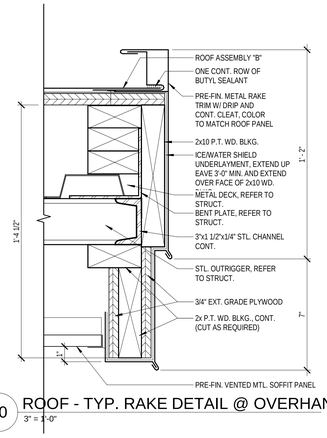
8 TYPICAL ROOF DRAIN DETAIL
1 1/2" = 1'-0"



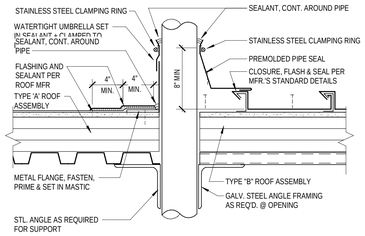
7 TYPICAL MECHANICAL CURB DETAIL
3" = 1'-0"



6 ROOF - VALLEY DETAIL
3" = 1'-0"

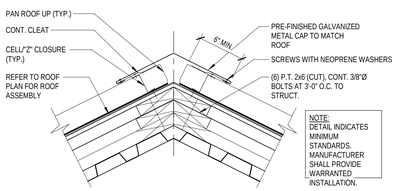


10 ROOF - TYP. RAKE DETAIL @ OVERHANG
3" = 1'-0"

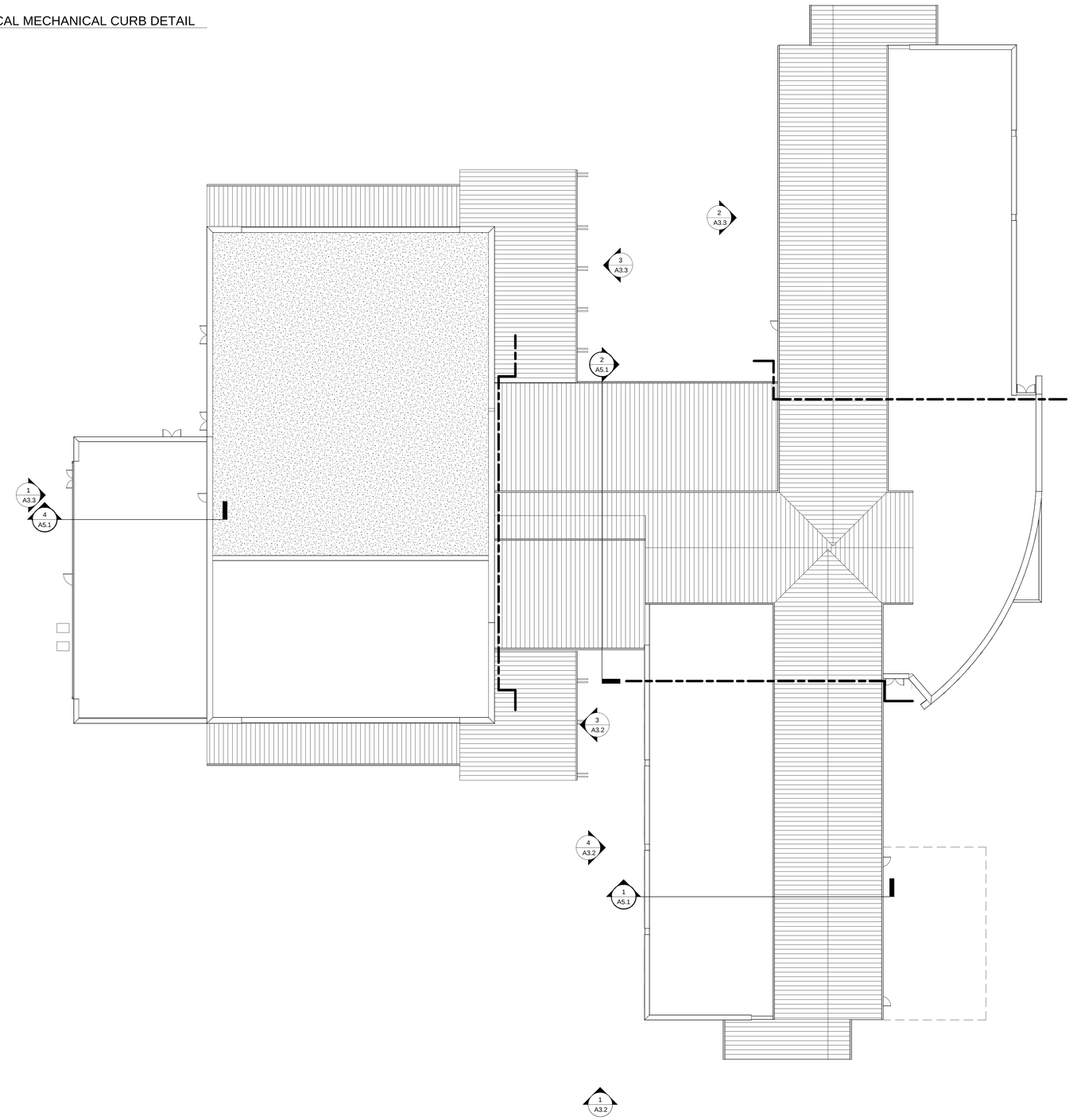


NOTE: FOR HOT PIPE FLASHING, REFER TO ROOF MEMBRANE REQUIREMENTS.

4 TYPICAL ROOF PENETRATION
1 1/2" = 1'-0"



5 TYPICAL RIDGE CAP DETAIL
1 1/2" = 1'-0"



1 ROOF PLAN
1/16" = 1'-0"

GENERAL ROOF NOTES

REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC STRUCTURAL ELEVATIONS.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL ROOF MECH/ELEC ITEMS THAT MAY NOT BE SHOWN ON THIS PLAN.

FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS, U.N.O.

THE ROOFING CONTRACTOR SHALL NOT CONCEAL ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, OR FLASHINGS. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.

THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ROOFING/FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQUIRED.

INSTALL CRICKETS TO MAINTAIN MINIMUM CLEARANCE TO MEMBRANE AS REQUIRED ON THE UPPER SIDE OF ALL EQUIPMENT CURBS, TYPICAL.

REFER TO DETAILS 4/A4.2 AND 5/A4.2 FOR TYPICAL PENETRATION DETAILS.

REFER TO DETAIL 3/A4.2 FOR TYPICAL EQUIPMENT CURB DETAIL.

CONFIRM ALL ROOF SLOPES ARE 1/4"/FT. MIN. PRIOR TO INSTALLATION.

ROOF KEY NOTES

1 PRE-FINISHED 6"x6" S.M. GUTTER U.N.O. REFER TO DETAILS 1, 2 & 11/A4.2.
2 PRE-FINISHED S.M. COPING. REFER TO DETAIL 3/A4.2.
3 PRE-FIN. S.M. FASCIA.
4 PRE-ENGINEERED ALUMINUM WALKWAY COVER WITH INTEGRAL DOWNSPOUTS IN MASONRY WALL TO TIE INTO STORM SEWER. REFER TO A3.2.
5 PRE-FINISHED S.M. RAKE TRIM.
6 WALKWAY PADS, REFER TO SPECIFICATIONS. FINAL LAYOUT OF WALK PADS TO BE COORDINATED WITH EQUIPMENT SERVICE REQUIREMENTS.
7 ROOF LADDER WITH WALK-THRU PLATFORM. SEAL ALL PENETRATIONS. REFER TO SPECIFICATIONS AND DETAIL 1/A4.1.
8 PROVIDE SPLASH PAN AT ROOF.
9 ROOF TOP UNIT, ADDITIONAL LAYER OF ROOFING MATERIAL AT THIS LOCATION.
10 PRE-ENGINEERED ALUMINUM CANOPY WITH DRIP EDGE. REFER TO DETAIL 6/A4.2.
11 TPO ROOFING TERMINATION @ BRICK. REFER TO DETAIL 3/A4.1.
12 SUN SHADE AT STOREFRONT BELOW. REFER TO DETAILS.
13 PRE-FIN. S.M. RIDGE CAP (ROOF ASSEMBLY TYPE 'A'). REFER TO DETAIL 5/A4.1
14 PRE-ENGINEERED ALUMINUM CANOPY WITH INTEGRAL DOWNSPOUT TO TIE INTO STORM SEWER. REFER TO DETAIL 6/A4.2.
15 SNOW AND ICE GUARDS.
16 ROOF HATCH. FLASH PER MFR. RECOMMENDATIONS. REFER TO DETAIL 19/A6.2.
17 PRE-FIN. S.M. VALLEY. DASHED LINES INDICATE EXTENT OF PRE-FIN. S.M. FLASHING. REFER TO DETAIL 6/A4.1.

ROOF LEGEND

ROOF ASSEMBLY - TYPE 'A'
PRE-FIN. ARCHITECTURAL STANDING SEAM MTL. ROOF SYSTEM OVER
(1) LAYER OF ICE AND WATER SHIELD OVER 4 1/2" RIGID NAILABLE INSULATION ON MTL. ROOF DECK.

ROOF ASSEMBLY - TYPE 'B'
THERMOPLASTIC POLYOLEFIN ROOFING SINGLE PLY MEMBRANE OVER 7/16" COVER DECK OVER MINIMUM 4 1/2" RIGID INSULATION ON 1 1/2" METAL DECK (PROVIDE 1/4" PER 1'-0" SLOPE MIN.)

ROOF ASSEMBLY - TYPE 'C'
RADIUSED PRE-FIN. ARCHITECTURAL STANDING SEAM MTL. ROOF SYSTEM ON ONE LAYER OF ICE AND WATER SHIELD OVER 4 1/2" RIGID NAILABLE INSULATION ON METAL DECK.

INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW

INDICATES ROOF WALKWAY PAD, REFER TO SPECIFICATION

DS — PRE-FIN. 5"x5" S.M. DOWNSPOUT. TERMINATE INTO BOOT, U.N.O. PROVIDE 6"x6" @ GYM & KITCHEN ROOFS ONLY.
RD — ROOF DRAIN, REFER TO DETAIL 8/A4.1
ORD — OVERFLOW ROOF DRAIN, REFER TO DETAIL 8/A4.1
VTR — VENT THRU ROOF, REFER TO DETAIL 4/A4.1
GEJ — GUTTER EXPANSION JOINT PER SMACNA STANDARDS
RELIEF AIR, REFER TO MECHANICAL DWGS. AND DETAIL 7/A4.1.
EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS REFER TO DETAIL 7/A4.1 FOR ROOF REQUIREMENTS.
CU — CONDENSING UNIT, PROVIDE P.T. W/D. 4x4 AT BASE AND ADDITIONAL LAYER OF ROOFING MATERIAL

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ROOF PLAN

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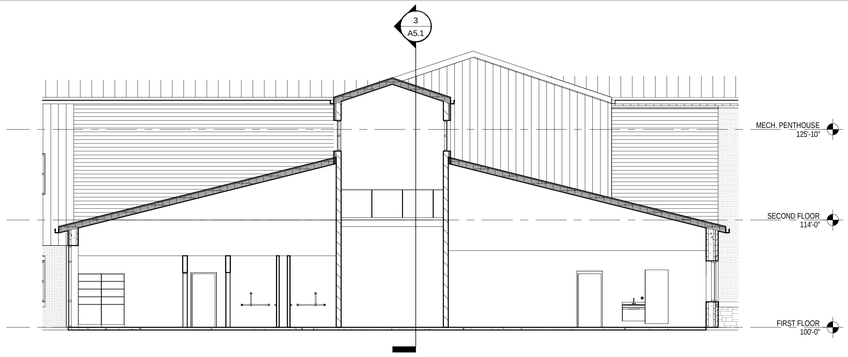
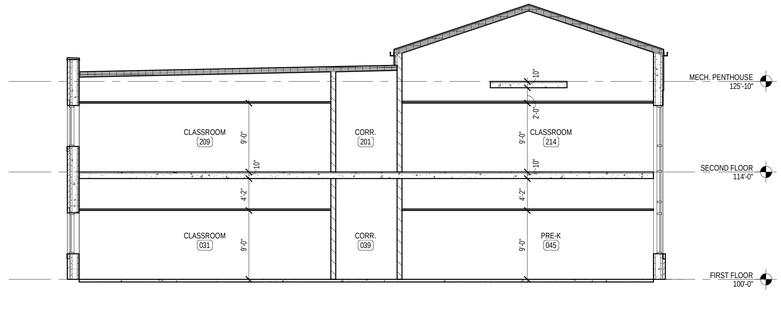
SHEET

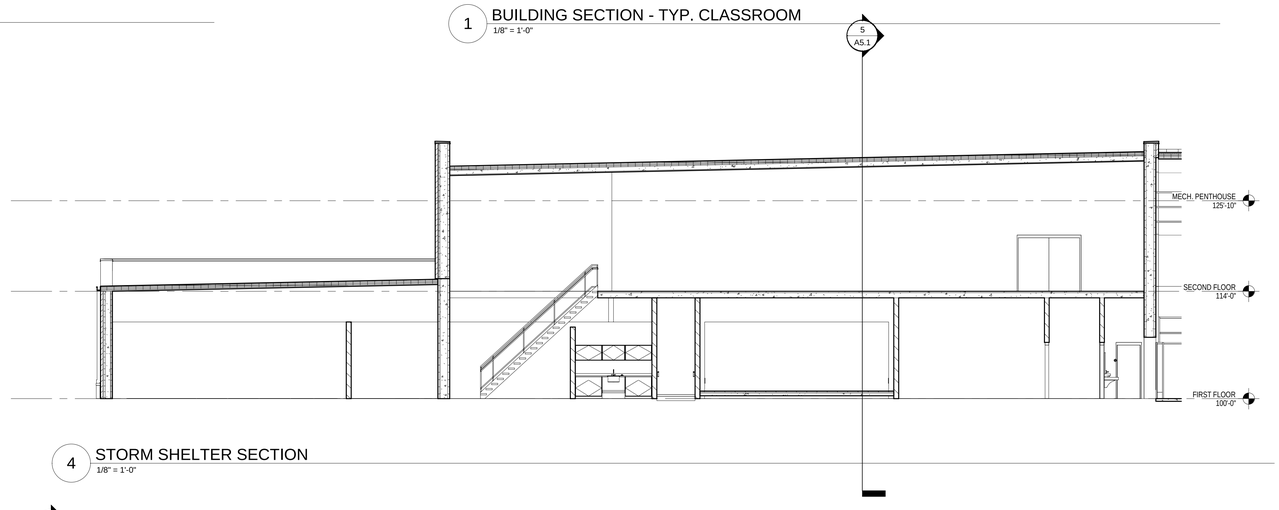
A4.1



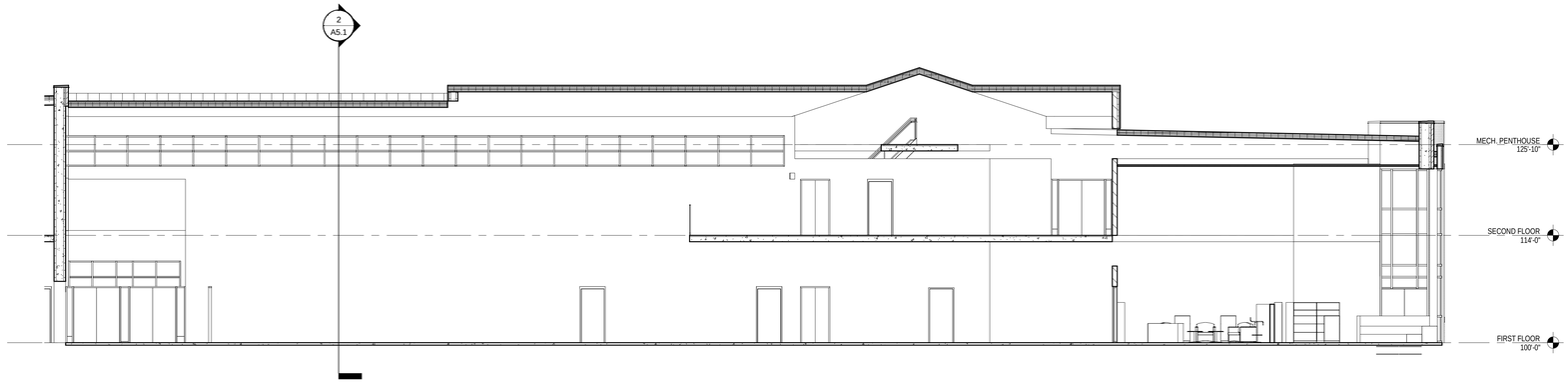
2 BUILDING SECTION - GREAT HALL
1/8" = 1'-0"



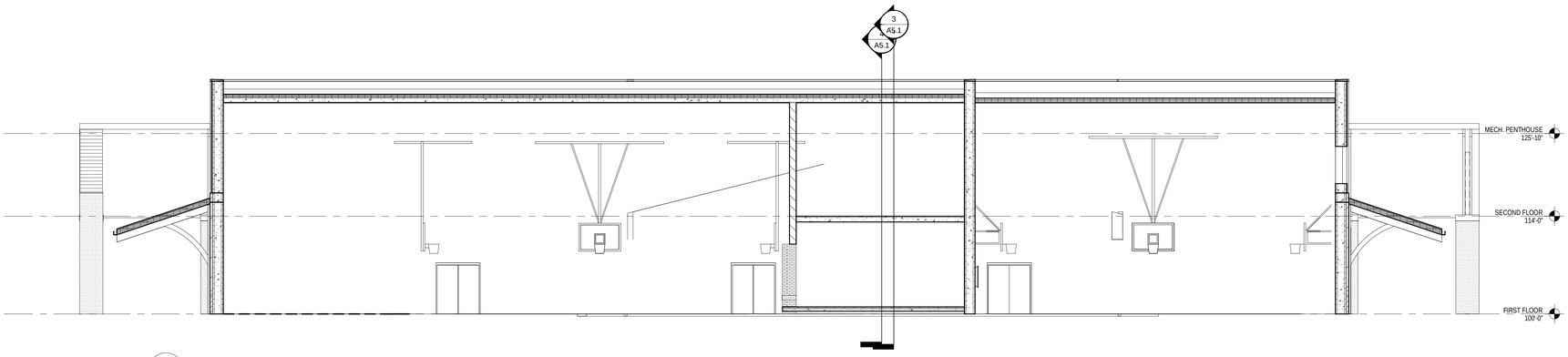
1 BUILDING SECTION - TYP. CLASSROOM
1/8" = 1'-0"



4 STORM SHELTER SECTION
1/8" = 1'-0"



3 BUILDING SECTION
1/8" = 1'-0"



5 GYMNASIUM SECTION
1/8" = 1'-0"

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BUILDING SECTIONS

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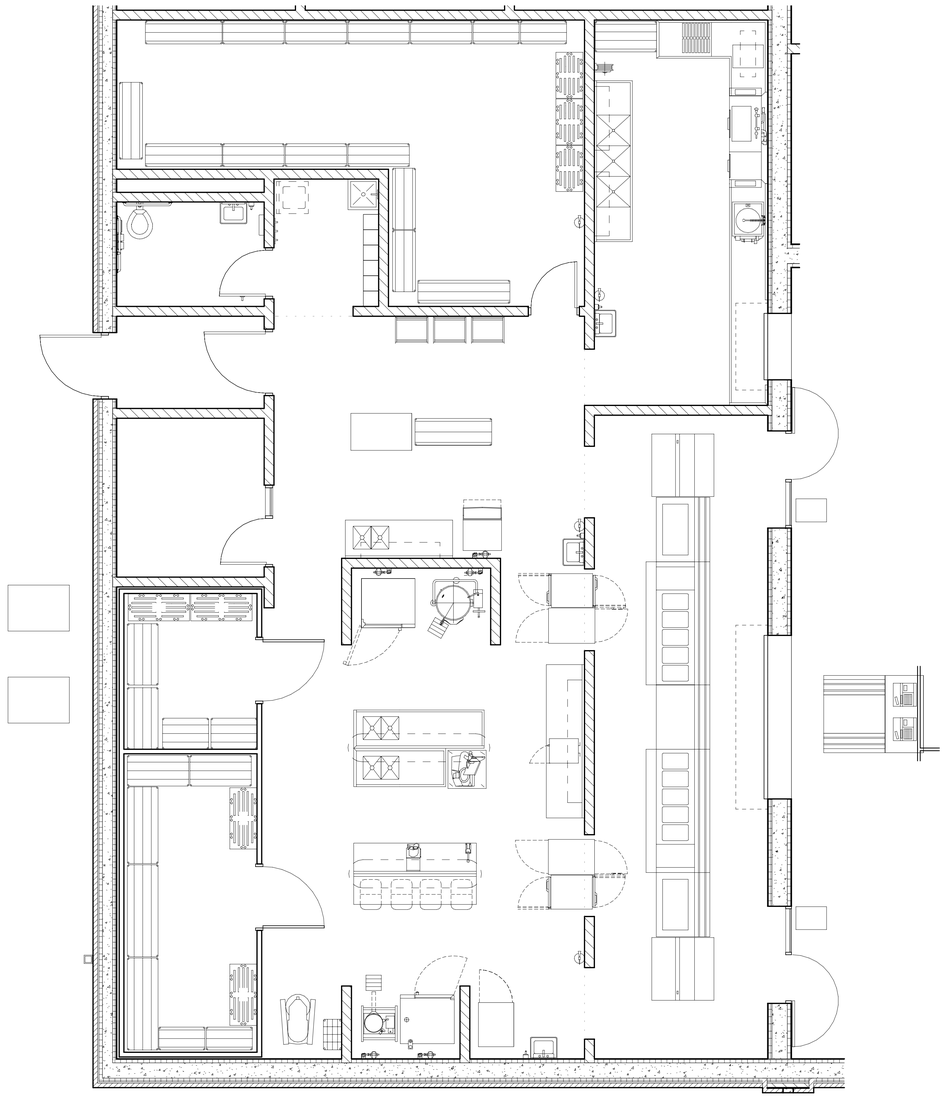
A5.1



1 ENLARGED KITCHEN PLAN
1/4" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	DESCRIPTION	REMARKS	ELECTRICAL ROUGH-IN			
			ELEC. SERVICE LOAD	HEIGHT	DESCRIPTION	GAS REQ.
1A	DISHWASHER	WITH 2 PT CONNECTION	15 KW, 480/3ϕ , 21.4 AMP	66"	DISHWASHER WASH ELECTRIC HEAT	
1B	(DISHWASHER CONTINUED - BOOSTER PARTS)		8.4 AMP, 480/3ϕ	66"	DISHWASHER MOTORS	
2	SOILED DISHTABLE	EPOXY 24X48 MOBILE				
3	CLEAN DISHTABLE	CUSTOM				
4	ROLL-DOWN DOOR	SEE ARCH. SHEET A7.1				
5	BOOSTER HEATER		480/3ϕ, 24 KW 29.9 AMP	24"	BOOSTER HEATER	
6	CLEAN DISH SHELVING	MOBILE				
7	TRIPLE SINK 9'- 6"	CUSTOM				
8	40 GAL. TILT KETTLE	1/2" IPS GAS LINE	115V	43"	FLOOR KETTLE	1/2" IPS GAS LINE
9	NOT USED					
10	MILK COOLER		120V/60/-1ϕ, 8.2 AMP	PED	MILK COOLER	
11	HOT FOOD TABLE	TRAY SLIDE	120V or 208-1ϕ, 3KW		HOT FOOD TABLE	
12	TRAY DISPENSER					
13	SOLID TOP TABLE	TRAY SLIDE	120V 20 AMP CIRCUIT	PED	SOLID TOP TABLE	
14	DOUBLE CASHIER UNIT		120V			
15	CASH REDEMPTION UNIT	PORTABLE BY OWNER	120V			
16	COLD FOOD TABLE	TRAY SLIDE	8.3A 120V 20AMP CIRCUIT	PED	COLD FOOD UNIT	
17	ICE MACHINE W/ STORAGE BIN & FILTER		120V/60/1 11.3 AMP	DFA	ICE MACHINE	
18	PASS THRU HOT HOLDING CABINET		120V/60/1 17.6 AMP	108"	P/T HOT HOLDING CABINET NEMA 5-20P	
19	PASS THRU REFRIGERATOR		120V, 6.2 AMP	108"	P/T REFRIGERATOR	
20	HOT WATER DISPENSER		208V-1ϕ,/60/24A			
21	WORKTABLE W/ SINK	DBL COMPARTMENT				
22	GAS COMBI OVEN	INCLUDE LOCKABLE CASTER WHEELS	120V / 1 PH / 60 HZ 8.3 AMP	42" / 12"	SELF COOKING CENTER - RATIONAL PREFERRED	1/2" MNPT
23	PREP TABLE 8'-0" AND POTRACK					
24	NOT USED					
25	WORK TABLE 10'					
26	MICROWAVE		208V-1ϕ,/60/20A	48"	MICROWAVE (NEMA 6-20)	
27	PREP TABLE W/ SINK AND OVERSHELF 8'-6"	DBL COMPARTMENT				
28	60 QT. MIXER		200-240/50/60/3PH 10.0 AMP	36"	60 QT. MIXER	
29	TWO BURNER GAS STOVE					
30						
31	SLICER		1/2 HP, 120V-1ϕ, 20 AMP	PED	SLICER	
32	FLOOR TROUGH	REF. TO M/E/P DWGS..				
33	FLOOR TROUGH 30" x 36"					
34	NOT USED					
35	BAKER'S TABLE 8'-0"					
36	FOOD SCRAPPER / DISPOSAL		2.0 HP, 460V-3ϕ, 2.5 AMP	18"	SCRAPPER	
37	PRE-RINSE					
38	FAUCET AND SPRAY VALVE					
39	PAN RACK					
40	WASHER (STACKED)	N.I.C. - BY OWNER			VERIFY CONNECTIONS WITH OWNER	
41	DRYER (STACKED)	N.I.C. - BY OWNER			VERIFY CONNECTIONS WITH OWNER	
42	COLD FOOD STORAGE SHELVING					
43	SLICER TABLE W/ PAN SLIDES	MOBILE				
44	WALL SHELF					
45	DUNNAGE RACK					
46						
47	DRY FOOD STORAGE SHELVING					
48	HOSE REEL	SEE DTL. 7/ FS1.1				
49	SERVING COUNTER 60" x 48"	CUSTOM				
50	INGREDIENT BINS -- OWNER PROVIDED (N.I.C.)					
51	FILTER SYSTEM					
52	HOOD EXHAUST SYSTEM	REF. TO M/E/P DWGS.				
53						
54						
55						
56	HAND SINK	REF. TO M/E/P DWGS.				
57	WORK TABLE W/ TRIPLE BOWL SINK	CUSTOM				
58A	WALK-IN FREEZER	CUSTOM	120V-1ϕ, 15 AMP	DFA	WALK-IN FREEZER LIGHTS	
58B	(WALK-IN FREEZER CONTINUED - PARTS)		208-1ϕ, 15.7 AMP	DFA	WALK-IN FREEZER COIL	
59A	WALK-IN COOLER	CUSTOM	120V-1ϕ, 15 AMP	DFA	WALK-IN COOLER LIGHTS	
59B	(WALK-IN COOLER CONTINUED - PARTS)		115/60/1 3.5 AMP	DFA	WALK-IN COOLER COIL	
60	AIR COOLED REFRIGERATION TO FREEZER-STACKED	REF. TO M/E/P DWGS. FOR COORD.	5.5 HP, 208/60/3ϕ, 50AMP	VERIFY	WALK-IN FREEZER COMPRESSOR	
61	AIR COOLED REFRIGERATION TO COOLER-STACKED	REF. TO M/E/P DWGS. FOR COORD.	1 1/2 HP, 208/60/3ϕ, 20AMP	VERIFY	WALK-IN COOLER COMPRESSOR	
62	WORKTABLE - 10'-0"	CUSTOM				
OR	4" OPEN RECEPTACLE	REF. TO M/E/P DWGS.				
FD	FLOOR DRAIN	REF. TO M/E/P DWGS.				

GENERAL NEW WORK NOTES

1 REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.

2 REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.

3 REFER TO SHEET N-1 FOR GENERAL NOTES AND PARTITION TYPES.

4 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.

5 REFER TO SHEET A2.2 FOR TOILET ACCESSORY SCHEDULE.

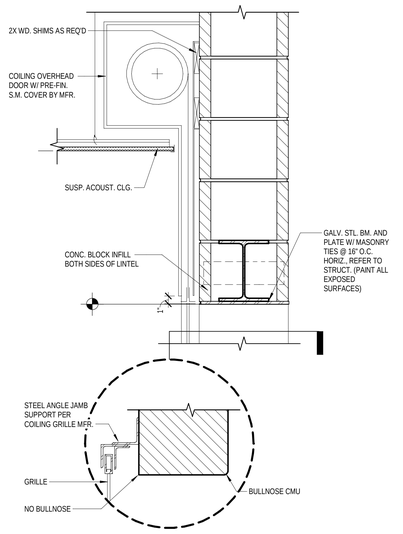
NEW WORK KEYNOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

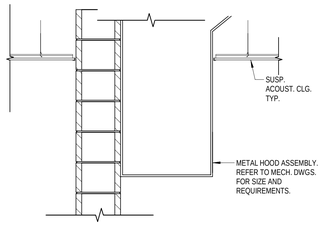
1 GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2 STEEL LINTEL / CMU BOND BEAM ABOVE. REFER TO STRUCTURAL DWGS. AND REFLECTED CEILING PLANS.
3 WALL MOUNTED PROJECTOR (N.I.C) FOR ASSOCIATED IEDA MARKERBOARD REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. REFER TO ELEVATION 5/A2.2.
4 FLOOR TRANSITION. REFER TO SHEET A9.1 FOR DETAILS.
5 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW. REFER TO DETAIL 4/A4.2.
6 SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
7 FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
8 WALL-MOUNTED STEEL PIPE HANDRAIL (PAINT). REFER TO DETAIL 8/A1.2.
9 RECESSED ELECTRIC PROJECTION SCREEN. REFER TO DETAIL 15/A6.2.
10 WASHER/DRYER, N.I.C.
11 FOLDABLE WALL PARTITION. REFER TO DETAIL 18/A6.2 FOR CEILING CONDITION.
12 WALL MOUNTED IEDA MARKERBOARD. REFER TO SPECIFICATIONS
13 STUDENT LOCKER TYPE B, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
14 LOCKER TYPE C, QUANTITY INDICATED ON PLAN. REFER TO DETAIL 17/A6.2 FOR BASE DETAIL AND TO SPECIFICATIONS.
15 ELECTRICALLY OPERATED FOLDING BLEACHERS, REFER TO SPECIFICATIONS AND DETAIL 4/A1.2.
16 ELECTRICALLY OPERATED BASKETBALL GOAL. REFER TO SPECIFICATIONS.
17 WALL MOUNTED PROTECTION PADS, LENGTH INDICATED ON PLAN. REFER TO SPECIFICATIONS.
18 DEDICATION PLAQUE. REFER TO DETAIL 2/A9.1 AND SPECIFICATIONS.
19 CONCRETE CAN WASH. REFER TO DETAIL 6/FS1.1.
20 EXTERIOR CONCRETE SIDEWALK, STOOP, SEAT WALL, ETC. REFER TO SITE DWGS. FOR EXTENT OF WORK.
21 LINE OF SUSP. ACOUST. CEILING ABOVE. REFER TO REFLECTED CEILING PLANS.
22 COMPUTER STATION, N.I.C. REFER TO ELECTRICAL DWGS. FOR DATA AND ELECTRIC.
23 HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
24 SHOWER. REFER TO DETAIL 10/A6.2 AND TO REFLECTED CEILING PLANS FOR LIMITS OF GYP. CLG./SOFFIT ABOVE. WALLS @ SHOWER TO RECEIVE PORCELAIN WALL TILE TO 7'-4" A.F.F. REFER TO DETAIL 11/A6.2 FOR BASE.
25 INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
26 RAMP. REFER TO DETAIL 2/A1.1. HATCH DENOTES RAISED RADIAL TILE SURFACE.
27 LINE OF PRE-ENG. PRE-FIN. ALUM. CANOPY ABOVE OR BELOW W/ INTEGRAL DOWNSPOUT. REFER TO DETAIL 4/A4.2.
28 SCOREBOARD ABOVE AT 11'-0" A.F.F. (TO B.O. SCOREBOARD). REFER TO ELECTRICAL DRAWINGS.
29 GYP. BD. FULLY ADHERED TO CMU WALL. COVER ALL CMU AT ADJACENT STOREFRONT HEADS AND JAMBS. EXTEND 4" ABOVE HIGHEST ADJACENT CEILING.
30 PROVIDE HORIZONTAL GYP. CEILING BD. ASSEMBLY ABOVE SUSP. ACOUSTICAL CEILING TILE. REFER TO REFLECTED CEILING PLANS.
31 REMOVABLE RAILS. REFER TO DETAILS 2/K-2 AND 3/K-2.
32 MECHANICAL LOUVER. REFER TO DETAIL 8/A6.2.
34 RECESSED CONCRETE FLOOR SLAB IN THIS AREA. REFER TO STRUCTURAL DWGS.
35 DOUBLE-NESTED 3 5/8" MTL. STUD GUARDRAIL ANCHORED TO METAL TRUSS. REFER TO DETAIL 6/K-2.
36 STEEL ANGLE AND CABLE GUARDRAIL. REFER TO DETAIL 5/K-2.
37 ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
38 ELECTRONIC CARD READER. REFER TO ELEC. DWGS.
39 DO NOT ANCHOR OR ATTACH ADJACENT MASONRY TO FIREWALL "FWZ". DO NOT GROUT CMU TO FIREWALL, PROVIDE MIN. 3/8" JOINT W/ FOAM ROD AND SEALANT.
40 TALL STORAGE. TMI, CORP. MODEL NO. T2102 (36x84x24), BASIS OF DESIGN. PROVIDE 1" FILLER AT ADJACENT WALL, WHERE APPLICABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
41 PRE-FIN. ALUM. FIXED WALL LADDER. REFER TO 19/A6.2.

SYMBOLS LEGEND

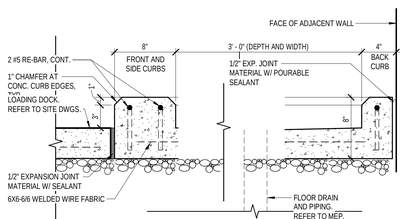
- ROOM FINISH GROUPS (REFER TO SHEET N-1)
- # ROOM NUMBER
- # DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.2)
- X WALL TYPE (SCHEDULE SHEET N-1)
- A ALUMINUM OR HOLLOW METAL WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEETS A8.1-A8.2)
- X TOILET ACCESSORIES (SCHEDULE SHEET A2.2)
- X ELEVATION KEY NOTE (SHEET A3.1)
- X ROOF KEY NOTE (SHEET A4.1)
- X CEILING PLAN KEY NOTE (SHEETS A7.1-A7.3)
- X SIGNAGE KEY NOTE (SHEETS A9.1-A9.3)
- X ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO INCIDENTAL USE SEPARATION
- CONTROL JOINT, REFER TO A1.1 - A1.3 FOR LOCATIONS. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.



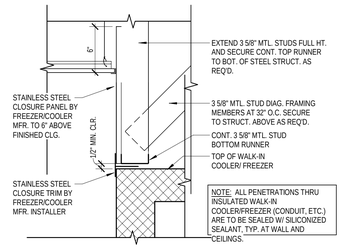
7 COILING DOOR HEAD @ SERVING LINE
1 1/2" = 1'-0"



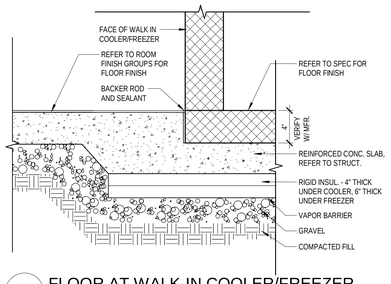
5 EXHAUST HOOD DETAIL
3/4" = 1'-0"



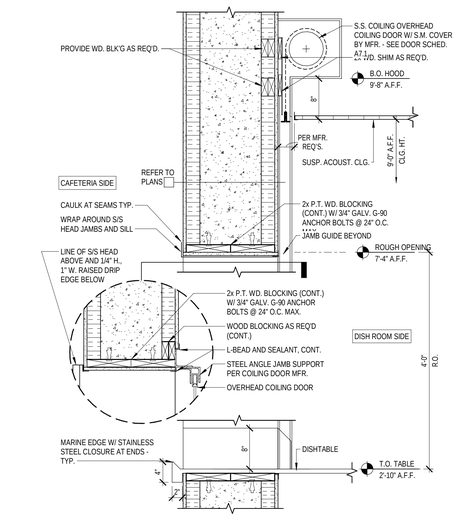
6 CANWASH DETAIL
1 1/2" = 1'-0"



3 CEILING AT WALK-IN COOLER/FREEZER
1 1/2" = 1'-0"



4 FLOOR AT WALK-IN COOLER/FREEZER
1 1/2" = 1'-0"



2 DISHWASH DETAIL
1" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

ENLARGED KITCHEN PLAN AND EQUIPMENT SCHEDULE AND DETAILS

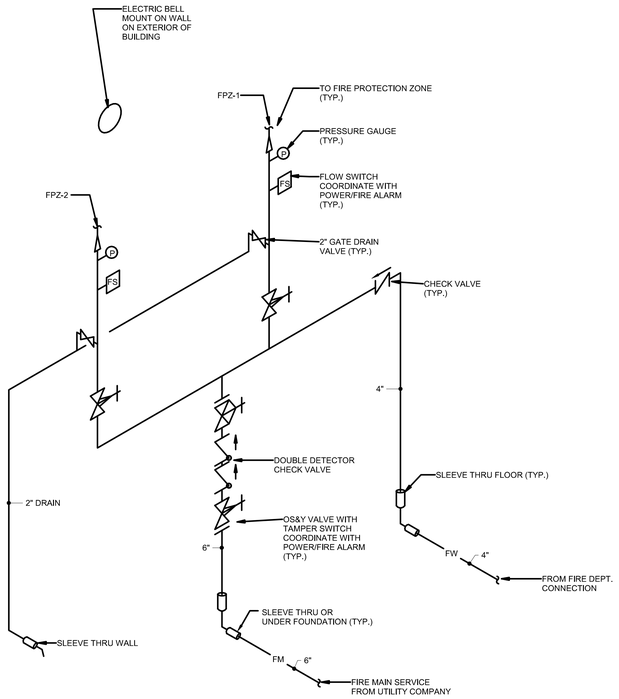
JOB NO.	0000
DATE	APRIL 20, 2020
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

SHEET

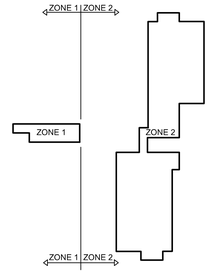
FS1.1



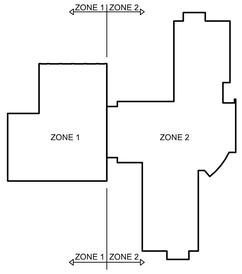
SPRINKLER RISER DIAGRAM

NO SCALE

AUTOMATIC SPRINKLER ZONES



UPPER LEVEL



LOWER LEVEL

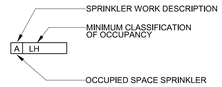
FIRE PROTECTION AREA OF COVERAGE ZONE BOUNDRY (ZONE 1 RISER)		APPROXIMATE AREA
ASZ-1	LOWER LEVEL ZONE 1	~19,497 SQ. FT.
ASZ-1	UPPER LEVEL ZONE 1	~2,057 SQ. FT.
FIRE PROTECTION AREA OF COVERAGE ZONE BOUNDRY (ZONE 2 RISER)		APPROXIMATE AREA
ASZ-2	LOWER LEVEL ZONE 2	~34,042 SQ. FT.
ASZ-2	UPPER LEVEL ZONE 2	~23,037 SQ. FT.

NOTE:
THE APPROXIMATE AREA PROVIDED ARE TO CONVEY SIZE AND SCALE OF PROJECT. THESE AREAS SHOULD NOT BE USED FOR BASIS OF BID OR DESIGN.

FIRE SUPPRESSION DESIGN CRITERIA

STATIC:	---	PSI
RESIDUAL:	---	PSI
WATER FLOW:	---	GPM
DURATION:	---	MINS.
SOURCE OF WATER SUPPLY:	---	
SOURCE OF WATER FLOW DATA:	---	
DATE OF WATER FLOW TEST:	---	
ANTICIPATED WATER DEMAND:	---	PSI
	---	GPM
CLASSIFICATION OF HAZARD(S):	---	
CLASSIFICATION OF BUILDING	---	
SPECIFIC TYPES OF SUPPRESSION SYSTEM(S):	---	
NFPA STANDARD(S) FOLLOWED IN DESIGN:	NFPA 13 AND 24	

SPRINKLER SYSTEM LEGEND



TAG	DESCRIPTION
A	SEMI-RECESSED PENDENT SPRINKLERS REQUIRED
B	UPRIGHT SPRINKLERS REQUIRED
C	SEMI-RECESSED SIDEWALL SPRINKLERS REQUIRED
LH	LIGHT HAZARD OCCUPANCY
OH GR 1	ORDINARY HAZARD GROUP 1 OCCUPANCY

NOTES:
1. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALL INSALLING ALL NECESSARY ADDITIONAL FIRE PROTECTION SPRINKLERS TO PROVIDE 100% COVERAGE PER NFPA 13.
2. CONTRACTOR SHALL NOTE THE COMPLEX CEILING TYPES AND SOFFITS. REFER TO ZRCHITECTURAL CEILING PLANS. CONTRACTOR SHALL INSTALL ADDITIONAL SPRINKLERS AS REQUIRED TO AVOID SPRAY OBSTRUCTIONS.

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
FS	FIRE SPRINKLER PIPING
FM	FIRE PROTECTION MAIN
FW	FIRE WATER SERVICE
	SIDEWALL SPRINKLER
	GATE VALVE
	OS&Y VALVE W/ TAMPER SWITCH
	PIPE REDUCER
	CHECK VALVE
	DOUBLE CHECK BACKFLOW PREVENTOR
FS	FLOW SWITCH
P	PRESSURE GAUGE
	ELECTRICAL BELL
KEY	FD MASTER KEY BOX (KNOX-BOX MODEL 3200 OR EQUAL)

FIRE PROTECTION NOTES

1 EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING IN ORDER TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE BID DATE.

2 ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 13, "INSTALLATION OF SPRINKLER SYSTEMS", NFPA 24 "INSTALLATION OF UNDERGROUND PIPING SYSTEMS", THE KENTUCKY BUILDING CODE AND ALL LOCAL BUILDING CODES/REQUIREMENTS THAT APPLY.

3 WORK SHALL BE ACCEPTABLE TO THE LOCAL FIRE MARSHAL. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY WORK TO RECEIVE INSPECTION APPROVAL.

4 THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, APPLICABLE PERMITS AND "TAP-ON" FEES.

5 WORK SHALL BE PERFORMED BY A LICENSED FIRE PROTECTION CONTRACTOR.

6 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SYSTEM DESIGN AND APPROVED SHOP DRAWINGS IN COMPLIANCE WITH THE KENTUCKY BUILDING CODE.

7 THE SYSTEM TYPE SHALL BE: AUTOMATIC WET PIPE.

8 SPRINKLERS SHALL BE PENDANT, UPRIGHT AND SIDEWALL AS NOTED. PENDANT AND SIDEWALL SPRINKLERS IN OCCUPIED SPACES SHALL BE FULLY OR SEMI-RECESSED AS NOTED, WHITE POWDER COATED. UPRIGHT SPRINKLERS SHALL BE BRASS.

9 NEW CONNECTIONS TO UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES.

10 THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF THE WORK. CONTRACTOR SHALL INSTALL WORK THROUGH COORDINATION WITH OTHER TRADES AND TO SUIT FIELD CONDITIONS.

11 UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE CONCEALED IN WALLS OR CEILINGS.

12 COORDINATE ENTIRE PIPING LAYOUT WITH ALL OTHER TRADES TO ENSURE PROPER INSTALLATION AND REQUIRED CLEARANCES.

13 VERIFY ALL DIMENSIONS BEFORE FABRICATION.

14 USE EXTREME CAUTION WHEN EXCAVATING. UNDERGROUND UTILITIES ILLUSTRATED ARE APPROXIMATE AND ARE SHOWN TO ALERT CONTRACTOR TO THEIR PRESENCE. CONTRACTOR MUST LOCATE/VERIFY UTILITIES BY HAND EXCAVATION.

15 THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE THAT OCCURS TO NEW WORK AND/OR NEW EQUIPMENT IN THE COURSE OF CONSTRUCTION.

16 CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING CEILING TILES AND GRID WORK AS REQUIRED FOR WORK. ANY DAMAGED TILE OR GRID WORK SHALL BE REPAIRED/REPLACED AT CONTRACTOR'S EXPENSE.

17 CONTRACTOR SHALL PATCH AND REPAIR ALL WALL, FLOOR, ROOF AND CEILING PENETRATIONS MADE IN THE COURSE OF CONSTRUCTION. PENETRATIONS SHALL BE SLEEVED, FLASHED (IF NECESSARY), SEALED AIRTIGHT AND FINISHED TO MATCH ADJACENT AREAS.

18 ALL SPRINKLERS SHALL BE RATED FOR 175°F UNLESS NOTED TO BE HIGH TEMPERATURE. HIGH TEMPERATURE SPRINKLERS SHALL BE 250°F RATED.

19 CONTRACTOR SHALL SLOPE ALL PIPING TO THE SYSTEM MAIN DRAIN TO INSURE PROPER DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ADDITIONAL AUXILIARY DRAINS TO ALLOW ALL PIPING TO BE DRAINED AS NECESSARY.

20 SPRINKLERS SHALL BE CENTERED IN BOTH DIRECTIONS WITHIN CEILING TILES. SPRINKLERS SHALL BE VISUALLY ALIGNED AND INSTALLED SYMMETRICALLY IN AREAS WITH DRYWALL CEILINGS AND/OR EXPOSED INSTALLATIONS.

21 SPRINKLERS IN MECHANICAL AND COMMUNICATION ROOMS SHALL BE RATED FOR HIGH TEMPERATURE.

22 MECHANICAL, MACHINE AND COMMUNICATION ROOMS SHALL BE SUPPLIED WITH BRANCH LINES ONLY.

23 DO NOT INSTALL PIPING OR SPRINKLERS DIRECTLY OVER ELECTRICAL PANELS. COORDINATE ROUTINGS WITH ELECTRICAL CONTRACTOR.

24 TAMPER SWITCHES, FLOW SWITCHES, PRESSURE SWITCHES, CONTROL PANELS, ETC. SHALL BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM. COORDINATE WORK WITHELECTRICAL CONTRACTOR.

25 PROVIDE INSPECTOR'S TEST CONNECTION AS SPECIFIED. INSTALL WITH LABELED ACCESSIBLE TEST VALVE AND ORIFICED UNION ROUTED TO THE MAIN DRAIN.

26 PIPE SUPPORTS SHALL BE INSTALLED FOR SEISMIC DESIGN CATEGORY ? AS SPECIFIED IN THE KENTUCKY BUILDING CODE.

27 PREPARE, PRIME AND PAINT ALL PIPE, SUPPORTS AND HANGERS NOT CONCEALED.

28 PROTECT FIRE PROTECTION PIPING THAT IS INSTALLED UNDERGROUND FROM CORROSION PER NFPA 13 REQUIREMENTS.

29 THE FIRE PROTECTION SYSTEM DESIGN SHALL BE BASED ON THE FOLLOWING OCCUPANCY CLASSIFICATIONS:

SEE FIRE SUPPRESSION DESIGN CRITERIA

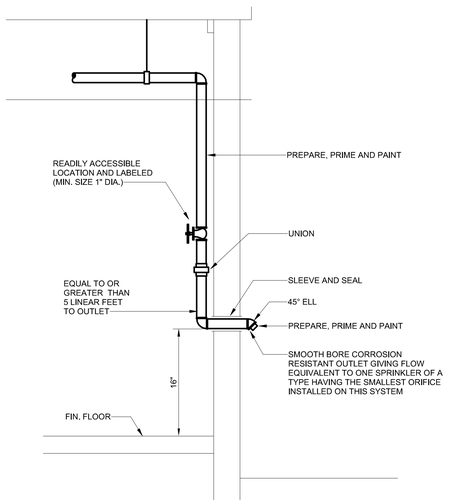
30 PIPING MATERIALS SHALL BE LISTED EQUIVALENT GRADE OR BETTER:

FIRE MAIN - C900 PVC
FIRE WATER - C900 PVC
FIRE SPRINKLER - STEEL PIPE IN SCHEDULE AS SPECIFIED

31 KEY BOXES SHALL BE RECESSED KEY BOX WITH HINGED DOOR (KNOX-BOX MODEL 3200 OR EQUAL). MOUNT BOXES 56" TO TOP OF BOX ABOVE FINISHED WALK SURFACE.ARCHITECT SHALL SELECT COLOR AND FINAL MOUNTING LOCATION.

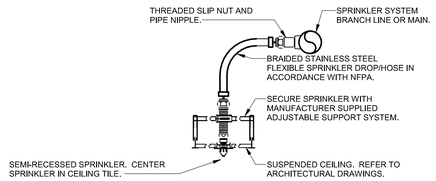
32 CONTRACTOR SHALL COORDINATE THE FOLLOWING WITH THE LOCAL FIRE MARSHAL AND/OR FIRE DEPARTMENT:

A. TYPE AND LOCATION OF KEY BOXES.
B. TYPE AND LOCATION OF FIRE DEPARTMENT CONNECTION.
C. HOSE THREAD SPECIFICATION FOR FIRE DEPARTMENT CONNECTION AND HYDRANTS.
D. SIGNAGE AT FIRE DEPARTMENT CONNECTION."



INSPECTOR'S TEST CONNECTION DETAIL

NO SCALE



SEISMIC SPRINKLER DROP DETAIL (REQUIRED AT ALL SUSPENDED CEILINGS)

NO SCALE

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION PROGRESS 4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

FIRE PROTECTION LEAD SHEET

JOB NO.	19616
DATE	APRIL 20, 2020
DRAWN	Author
CHECKED	Checker

REVISIONS

No.	Description	Date

SHEET

FP0.1

SPECIALTY ITEMS

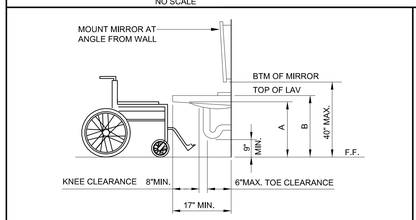
MARK	DESCRIPTION	REMARKS
BFP-1	BACKFLOW PREVENTER	WATTS SERIES LF007 MODEL LF007-QT-FDA LEAD FREE "?" " DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTER WITH QUARTER TURN BALL VALVES AND STRAINER ASSEMBLY.
BFP-2	BACKFLOW PREVENTER	WATTS SERIES 009-009QT 1" REDUCED PRESSURE ZONE ASSEMBLY WITH BRONZE STRAINER.
CO-1	CLEANOUT	ZURN MODEL # ZN1400 LEVEL-TROL ADJUSTABLE FLOOR CLEAN OUT, DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT BRONZE TAPERED THREAD PLUG AND ROUND SCORIATED SECURE NICKEL BRONZE TOP WITH VANDAL-PROOF SCREWS.
CCO-1	COMBINATION CLEANOUT/ TEST TEE	4" CAST IRON CLEANOUT DOUBLE TEE SUITABLE FOR CLEANOUT / TESTING EITHER UPSTREAM OR DOWNSTREAM. WITH BRONZE PLUG.
CP-1	CIRCULATING PUMP	BELL AND GOSSETT MODEL # NBF-36 IN-LINE WET ROTOR CIRCULATION PUMP FOR OPEN (POTABLE) WATER SYSTEM WITH LEAD FREE BRONZE BODY, 23 GPM @ 15 FT HD, 270 WATTS, 3300 RPM, 115 VOLT, SINGLE PHASE.
ET-1	EXPANSION TANK	AMTROL MODEL ST-5 THERMAL EXPANSION TANK.
FD-1	FLOOR DRAIN	ZURN MODEL # ZN415 4" TYPE "B" FLOOR DRAIN (ROUND TOP) FLOOR DRAIN WITH 4" DIAMETER NICKEL BRONZE, VANDAL PROOF STRAINER.
FD-2	FLOOR DRAIN	ZURN MODEL # Z1920 4" FLOOR DRAIN WITH 1/2" TRAP PRIMER CONNECTION, DEEP CAST IRON BODY AND 16" SQUARE SLOTTED HEAVY-DUTY VANDAL PROOF GRATE.
FS-1	FLOOR SINK	JAY R. SMITH MODEL 3410 SANI-CEPTOR ACID RESISTANT COATED FLOOR AND INDIRECT WASTE DRAIN. 8"x8"x6"DEEP CAST IRON FLANGED RECEPTOR, 6" SUMP DEPTH, A R.C. 1/2 GRATE, VANDAL PROOF SCREWS, AND ALUMINUM SEDIMENT BUCKET. 3" ∅ OUTLET. SET WITH RIM 1" ABOVE FINISHED FLOOR
FWH-1	FREEZEPROOF WALL HYDRANT	WOODFORD MODEL 67 AUTOMATIC DRAINING WALL HYDRANT WITH LOOSE TEE KEY OPERATION AND CHROME FINISH.
FRH-1	FREEZEPROOF ROOF HYDRANT	WOODFORD MODEL RHY2-MS COMMERCIAL ROOF HYDRANT SYSTEM WITH DOUBLE CHECK BACKFLOW PREVENTER, CAST IRON HYDRANT SUPPORT, 2 DEGREE CAST IRON SHIM, CAST IRON UNDER DECK FLANGE, MOUNTING BOLTS, NUTS AND WASHERS.
HB-1	HOSE BIBB	WOODFORD MODEL 24 WALL FAUCET WITH LOOSE TEE KEY AND POLISHED CHROME FINISH. INSTALL HOSE BIBB 18" ABOVE FINISHED FLOOR.
HB-2	3/4" HOSE BIBB	
IMB-1	ICE MAKER OUTLET BOX	IPS MODEL # 9700 WATER TITE ICE MAKER OUTLET BOX. CHROME 1/4 TURN ADAPTER BALL VALVE WITH 1/2" COPPER SWEAT CONNECTIONS.
OR-1	OPEN RECEPTACLE	4" OPEN RECEPTACLE WITH HUB EXTENDED 1" ABOVE FINISHED FLOOR.
RD-1	ROOF DRAIN	ZURN MODEL # Z103-45 6" DEEP SUMP 45 DEGREE OUTLET ROOF DRAIN WITH LOW SILHOUETTE DOME, STAINLESS MESH SCREEN OVER DOME.
RD-2	ROOF DRAIN	ZURN MODEL # Z103-45 4" DEEP SUMP 45 DEGREE OUTLET ROOF DRAIN WITH LOW SILHOUETTE DOME, STAINLESS MESH SCREEN OVER DOME.
SP-1	SUBMERSIBLE PUMP	ZOELLER "MIGHTY-MATE" MODEL 57 AUTOMATIC FLOAT OPERATED ALL CAST IRON 115V/1∅, 0.3HP, 35GPM @ 10 TDH. SUPPLY WITH OILSMART MODEL SOSSA-50 ALARM SYSTEM AS SPECIFIED ON DETAIL.
TP-1	TRAP PRIMER	PRECISION PLUMBING PRODUCTS MODEL # PR-500 PRIME-RITE TRAP PRIMER WITH DU-4 (DISTRIBUTION UNIT).
WB-1	WASHER BOX	GUY GRAY MODEL # NWFBED2004 RECESSED WASHING MACHINE OUTLET BOX WITH 120V AND 220V ELECTRICAL OUTLETS, FURNISHED WITH 1/2" HP/HW LEVER VALVES AND A 2" THREADED DRAIN FITTING. COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR.
WCO-1	WALL CLEAN OUT	ZURN MODEL #Z1446 CLEAN OUT TEE, DURA-COATED CAST IRON BODY, GAS AND WATERTIGHT BRONZE TAPERED THREAD PLUG AND ROUND, SMOOTH STAINLESS STEEL ACCESS COVER WITH VANDAL PROOF SCREWS.
YCO-1	YARD CLEAN OUT	ZURN MODEL Z1406 ADJUSTABLE CLEANOUT WITH SPIGOT CONNECTION FOR CAULKING INTO HUB. DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT BRONZE PLUG WITH POLISHED BRONZE TOP.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
SS	SANITARY SEWER PIPING
G	GAS PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RECICULATING PIPING
110 F	110 F HOT WATER PIPING
140 F	140 F HOT WATER PIPING
	VENT PIPING
SD	STORM DRAIN PIPING
BFP	BACKFLOW PREVENTER
CO	CLEANOUT
CCO	COMBINATION CLEANOUT
CP	CIRCULATION PUMP
ET	THERMAL EXPANSION TANK
FD	FLOOR DRAIN
FS	FLOOR SINK
FWH	FREEZE PROOF WALL HYDRANT
GT	GREASE TRAP
HB	HOSE BIBB
IMB	ICE MAKER BOX
OR	OPEN RECEPTACLE
RD	ROOF DRAIN
SP	SUBMERSIBLE PUMP
TP	TRAP PRIMER
VTR	VENT THRU ROOF
WB	WASHER BOX
WH	WATER HEATER
YCO	YARD CLEANOUT
	BALL VALVE
	GAS VALVE
	DOUBLE CHECK VALVE BACKFLOW PREVENTER
	REDUCED PRESSURE ZONE ASSEMBLY BACKFLOW PREVENTER
	NATURAL GAS REGULATOR
	GAS METER SET

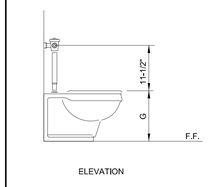
ACCESSIBLE FIXTURE DETAILS

NO SCALE

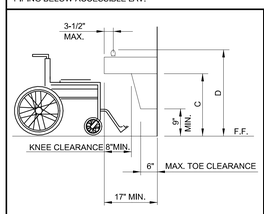


NOTE:
INSTALL PLUMBING GUARDS ON PIPING BELOW ACCESSIBLE LAV.

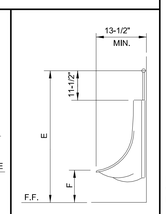
LAVATORY



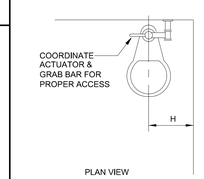
ELEVATION



WATER COOLER



URINAL



PLAN VIEW

NOTE:
WATER CLOSET STYLE MAY VARY

FLOOR MOUNT WATER CLOSET

AGE GROUP (YEARS OLD)	A (INCHES)	B (INCHES)	C (INCHES)	D (INCHES)	E (INCHES)	F (INCHES)	G (INCHES) MINIMUM	G (INCHES) MAXIMUM	H (INCHES) MINIMUM	H (INCHES) MAXIMUM
5-8 & 9-12	24 MIN.	31 MAX.	24 MIN.	30 MAX.	40 MAX.	14 MAX.	15	15	15	15
13 & UP	27 MIN.	34 MAX.	27 MIN.	36 MAX.	44 MAX.	17 MAX.	17	19	16	18

PLUMBING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE STATE BUILDING CODE, STATE PLUMBING CODE, NFPA 54 NATIONAL FUEL GAS CODE, INTERNATIONAL MECHANICAL CODE, AND OTHER LOCAL/STATE/ NATIONAL CODES OR STANDARDS THAT APPLY.
2. ACCESSIBLE PLUMBING FIXTURES SHALL BE INSTALLED PER THE STATE BUILDING CODE IN ACCORDANCE WITH THE LATEST EDITION OF ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.
3. ALL WETTED PLUMBING ITEMS SHALL COMPLY WITH NSF 372 DRINKING WATER SYSTEM COMPONENTS - LEAD CONTENT. ALL SUPPLIERS MUST ASSURE COMPLIANCE REGARDLESS OF PRODUCTS SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS.
4. THE CONTRACTOR SHALL ACQUIRE PLUMBING PERMIT(S), COORDINATE ALL INSPECTIONS, AND PAY ALL ASSOCIATED FEES (INCLUDING TAP FEES).
5. EACH CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING IN ORDER TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER NINE (9) DAYS PRIOR TO THE BID DATE.
6. THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF PLUMBING, PIPING, AND/OR EQUIPMENT. COORDINATE INSTALLATION OF WORK WITH OTHER DRAWINGS AND TRADES. PRECISELY LOCATE ALL PLUMBING FIXTURE LAYOUTS AND HEIGHTS PER ARCHITECTURAL DRAWINGS IN LIEU OF PLUMBING DRAWINGS.
7. COORDINATE NEW CONNECTIONS TO UTILITIES WITH THE APPROPRIATE UTILITY COMPANY(S). INSTALL WORK PER UTILITY COMPANY REQUIREMENTS AND OBTAIN NECESSARY UTILITY COMPANY APPROVALS.
8. BE AWARE THAT SEVERAL UTILITIES ARE LOCATED IN THE GROUND BELOW THE PROJECT CONSTRUCTION LIMITS. EXERCISE CAUTION WHEN EXCAVATING. UTILIZE HAND TOOLS TO LOCATE EXISTING UTILITIES PRIOR TO MACHINE EXCAVATION.
9. VERIFY ALL INVERT ELEVATIONS AND DIMENSIONS BEFORE FABRICATION AND/OR INSTALLATION. DISCOVER ALL POINT OF CONNECTIONS AND ESTABLISH ELEVATIONS AND PITCH PRIOR TO BEGINNING ANY INSTALLATION.
10. OUTDOOR CLEANOUTS SHALL TERMINATE FLUSH WITH GRADE AND BE EMBEDDED IN CONCRETE FINISHED 12"W x 12"L x 6"TK.
11. COORDINATE SANITARY SEWER PIPING WITH STRUCTURAL MEMBERS AS REQUIRED. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR RESTRICTIONS.
12. ILLUSTRATED HORIZONTAL SANITARY SEWER DRAIN LINES SHALL BE UNDERSTOOD TO BE INSTALLED BENEATH FLOOR. HORIZONTAL VENT PIPING AND WATER PIPING SHALL BE INSTALLED ABOVE CEILINGS, UNLESS NOTED OTHERWISE.
13. COORDINATE PLUMBING ROUTING IN CEILING SPACES TO AVOID CONFLICTS WITH FIRE PROTECTION, HVAC, SPECIAL SYSTEMS, LIGHTING, NEC CLEARANCES, ETC. DO NOT INSTALL PIPING DIRECTLY OVER ELECTRICAL PANELS OR SWITCHGEAR.
14. CONCEAL ALL PLUMBING, PIPING, ETC. IN CEILING AND/OR WALL SPACES (UNLESS NOTED OTHERWISE). PROVIDE ALL NECESSARY ACCESS DOORS IN INACCESSIBLE CEILINGS OR WALLS TO ALLOW ACCESS FOR VALVES, TRAP PRIMERS, ETC.
15. SLEEVE ALL PLUMBING, PIPING, VENTS, ETC. THROUGH NEW ROOF, FLOOR, AND/OR WALLS. PIPE SLEEVES SHALL BE SCHEDULE 10 AND GALVANIZED STEEL. SLEEVES ARE NOT REQUIRED FOR CORE DRILLED HOLES.
16. FLASH AND SEAL ALL ROOF, FLOOR, AND WALL PENETRATIONS.
17. FIRE STOP ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. FIRE STOPPING METHOD AND MATERIALS SHALL BE UL LISTED. FIRE COLLARS WILL BE REQUIRED IF PIPING IS COMBUSTIBLE. CHANGING PIPE MATERIAL TO METAL AT PENETRATION IS ACCEPTABLE.
18. PLACE MILDEW RESISTANT SILICONE SEALANT AROUND ALL PLUMBING FIXTURES THAT CONTACT CASEWORK, WALLS, FLOORS, OR ANY OTHER HARD SURFACES. COLOR SHALL MATCH ADJACENT SURFACE.
19. COVER ALL OPENINGS ON WATER CONVEYANCE ITEMS (PIPING, COMPONENTS, AND/OR EQUIPMENT), WHETHER STORED OR INSTALLED, TO PREVENT ACCUMULATION OF CONSTRUCTION DEBRIS.
20. INSTALL ARRESTORS AT ALL FIXTURE SUPPLIES. ARRESTORS SHALL BE FABRICATED DURING ROUGH-IN WITH TEE, LINE SIZE PIPE (MINIMUM 6" LONG), AND PIPE CAP.
21. INSTALL MANUFACTURED HAMMER ARRESTORS ON ALL PIPES SUPPLYING QUICK ACTING VALVES.
22. SECURE PLUMBING ROUGH-IN TO BUILDING STRUCTURE TO PROHIBIT MOVEMENT OF FLUSH VALVE ACTUATORS, HOSE BIBBS, WALL HYDRANTS, FIXTURE SUPPLY STOP VALVES, ETC.
23. INSTALL HOSE BIBBS 18" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. INSTALL FREEZE PROOF WALL HYDRANTS 18" ABOVE FINISHED GRADE, UNLESS NOTED OTHERWISE.
24. INSTALL DIELECTRIC CONNECTIONS AT ALL DISSIMILAR MATERIAL PIPING JOINTS AND AT SLAB FOR UNDERGROUND PIPE ENTRANCES.
25. INSTALL TRAP PRIMERS FOR ALL FLOOR DRAINS AND OPEN RECEPTACLES.
26. INSTALL A PRESSURE RELIEF VALVE ON EACH WATER HEATING UNIT AND/OR TANK. ROUTE DISCHARGE LINE PER PLUMBING CODE TO AN ACCEPTABLE DRAIN OR OUTDOORS AS LAST OPTION.
27. INSTALL A DRAIN LINE FOR ALL EQUIPMENT (WATER HEATERS, TANKS, ETC.) REQUIRING A DRAIN. THE DRAIN SIZE (AT A MINIMUM) SHALL BE EQUAL TO THE UNIT'S CONNECTION SIZE BUT IN NO CASE SHALL BE LESS THAN 3/4" DIAMETER.
28. INSTALL SUPPLY CHECK VALVES ON COLD AND HOT WATER CONNECTIONS TO THE FOLLOWING FIXTURE TYPES: MOP SINKS, SERVICE SINKS, AND ANY OTHER FIXTURE WHERE CROSSOVER IS POSSIBLE. THESE MAY BE OMITTED IF INTEGRAL CHECK VALVES ARE FURNISHED WITH THE FIXTURE/FAUCET(S).
29. DOMESTIC WATER ISOLATION VALVES SHALL BE ONE PIECE BRONZE BALL TYPE. PLASTIC BODY VALVES ARE NOT ACCEPTABLE.
30. FOR THIS PROJECT, MINIMUM PIPING MATERIALS SHALL BE AS LISTED BELOW. REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
    WATER INDOOR: TYPE L RIGID COPPER PIPE WITH SOLDERED FITTINGS OR PRESS JOINT FITTINGS
    WATER INDOOR, UNDER SLAB: PEX TUBING OR ANNEALED COPPER TUBING (NO JOINTS UNDER SLAB)
    SEWER INDOOR: SCH 40 PVC PIPE WITH DWV FITTINGS OR COPPER DWV PIPING
    ACID WASTE OUTDOOR OR INACCESSIBLE (UNDER SLAB, ETC.): SCH. 40 POLYPROPYLENE PIPE WITH FUSION JOINTS.
    ACID WASTE INDOOR AND ACCESSIBLE: SCH. 40 POLYPROPYLENE WITH MECHANICAL JOINTS FITTINGS
    SUMP DISCHARGE: SCH 40 PVC PIPE WITH PRESSURE FITTINGS
    STORM WATER INDOOR: SCH 40 PVC PIPE WITH PRESSURE FITTINGS
    FUEL GAS OUTDOOR, BURIED: SDR 11 POLYETYLENE TUBING
    FUEL GAS OUTDOOR, ABOVE GRADE: SCH 40 CARBON STEEL PIPE WITH SCRWD FITTINGS ; SEAL WELD ALL FITTINGS
    FUEL GAS INDOOR: SCH 40 CARBON STEEL PIPE (FITTINGS PER NFPA)
    FUEL GAS INDOOR AND CONCEALED (UNDER SLAB, WITHIN NON-VENTED WALL, ETC.): CSST
31. INSULATE COLD WATER PIPING; HOT WATER (INCLUDING RECIRCULATION) PIPING; STORM WATER PIPING; AND ROOF DRAIN BODIES PER WRITTEN SPECIFICATIONS.
32. SEISMICALLY SUPPORT ALL EQUIPMENT, PIPE, PLUMBING, ETC. PER THE STATE BUILDING CODE AND SEISMIC DESIGN CATEGORY D.
33. PLACE REINFORCED CONCRETE PADS FOR ALL FLOOR MOUNTED EQUIPMENT. CONCRETE SHALL HAVE A DEVELOPED STRENGTH OF 4,000 PSI AT 28 DAYS. CHAMFER ALL EXPOSED EDGES AT 1".
    INDOOR PAD INSTALLATIONS:
    A. PAD SHALL BE 4" THICK (MINIMUM) BUT SUITABLE HEIGHT FOR SYSTEM OPERATION AND PROPER DRAINAGE.
    B. STEEL REINFORCEMENT SHALL BE 6" WWF, DOWELED TO FLOOR TO PREVENT LATERAL MOMVEMENT.
    C. AT A MINIMUM, PAD DIMENSIONS SHALL GENERALLY EXTEND 4" PAST THE OUTER MOST EDGE OF THE UNIT.
34. PROVIDE ALL WATER HEATERS 199,000 BTUH AND LARGER WITH MANUFACTURER'S START-UP AND CERTIFIED REPORT FOR ENGINEER'S APPROVAL. INSTALLING CONTRACTOR START-UP IS NOT ACCEPTABLE.
35. ALL PLUMBING SUPPLIES TO FIXED-IN-PLACE EQUIPMENT SHALL BE CHROME PLATED TUBING WHERE EXPOSED OR COPPER TUBING WHERE CONCEALED. USED OF FLEXIBLE HOSE CONNECTIONS FOR FIXED EQUIPMENT AND FIXTURES IS NOT ACCEPTABLE.
36. INSTALL SUPPORT CONNECTIONS PER ROOF FRAMING MANUFACTER'S REQUIREMENTS WHEN SUSPENDING SYSTEMS FROM PRE-ENGINEERED LIGHT GAUGE STEEL TRUSSELS.

"NO LEAD" WARNING

ALL WETTED PLUMBING ITEMS FURNISHED FOR THIS PROJECT MUST COMPLY WITH FEDERAL LAW AND NSF 372 STANDARD ENTITLED: DRINKING WATER SYSTEM COMPONENTS - LEAD CONTENT. THE CONTRACTOR AND ALL SUPPLIERS MUST COMPLY WITH THIS FEDERAL LAW REGARDLESS OF MANUFACTURERS/PRODUCTS SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS.

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION PROGRESS 4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

MECHANICAL LEAD SHEET

JOB NO.	19616
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No.	Description	Date

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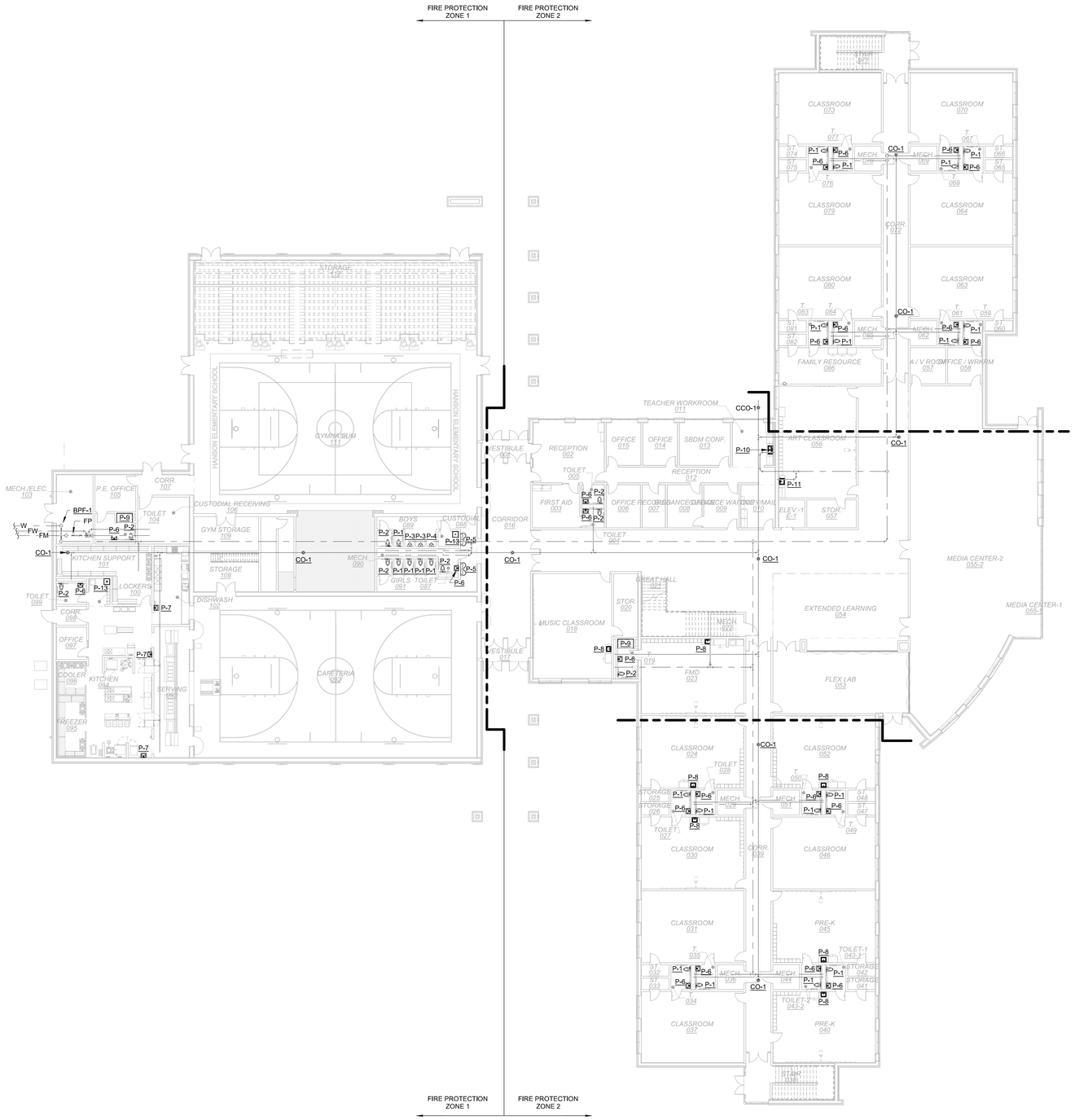

PROJECT NORTH

OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION
PROGRESS
4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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HOPKINS COUNTY

MECHANICAL OVERALL FIRST FLOOR

JOB NO.	19616
DATE	APRIL 20, 2020
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No.	Description	Date

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MECHANICAL CONSTRUCTION TAG NOTES

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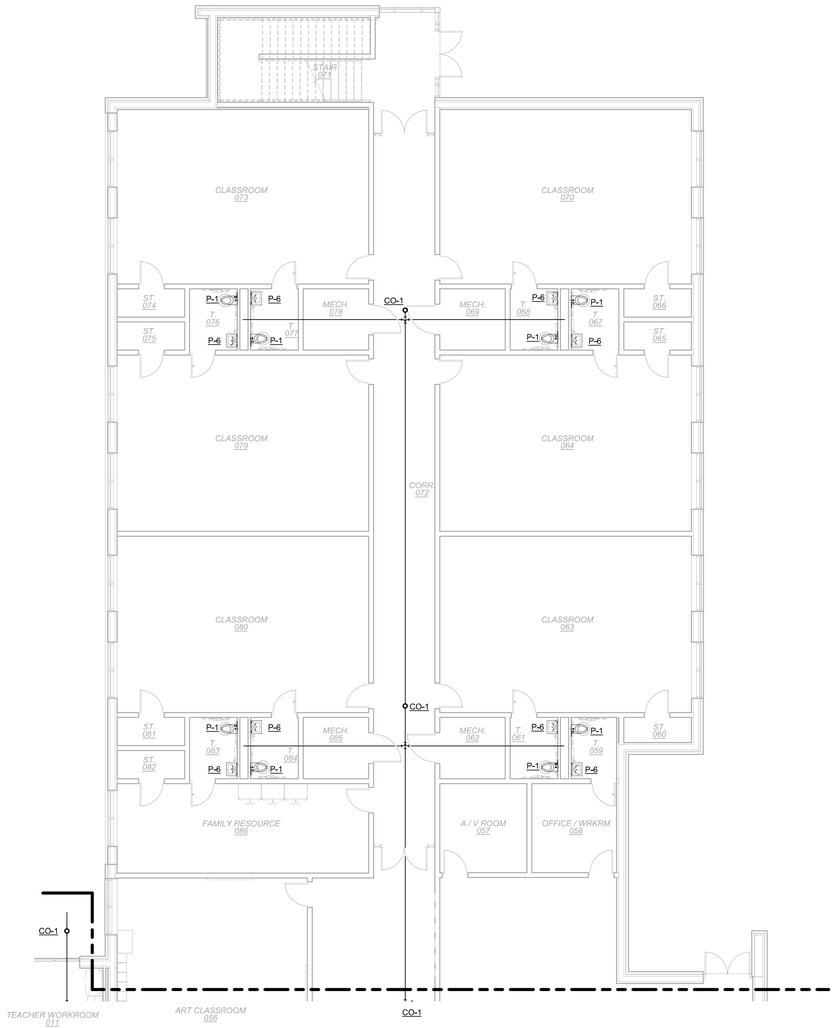
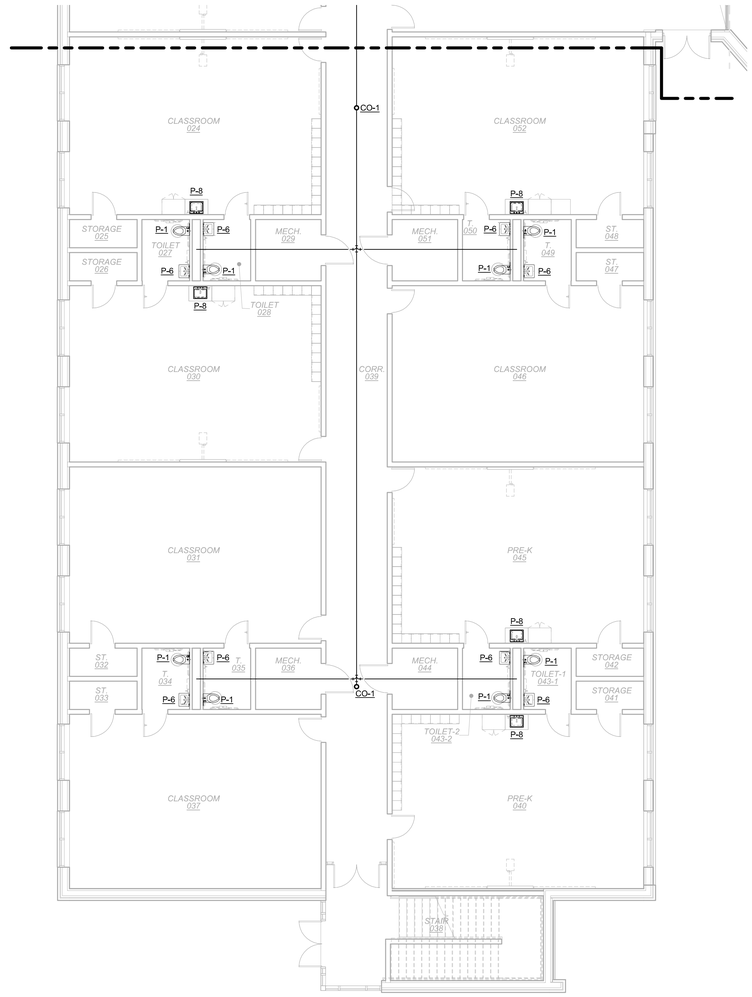


PROJECT NORTH

FLOOR PLAN - AREA B

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



PROJECT NORTH

FLOOR PLAN - AREA A

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

SHERMAN CARTER BARNHART ARCHITECTS

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PROGRESS
4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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MECHANICAL FIRST FLOOR PLAN - AREAS A AND B

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MECHANICAL CONSTRUCTION TAG NOTES

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(APPLIES TO THIS DRAWING ONLY)

PROJECT NORTH

FLOOR PLAN - AREA C

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

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ARCHITECTS

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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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MECHANICAL FIRST FLOOR PLAN - AREA C

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MECHANICAL CONSTRUCTION TAG NOTES

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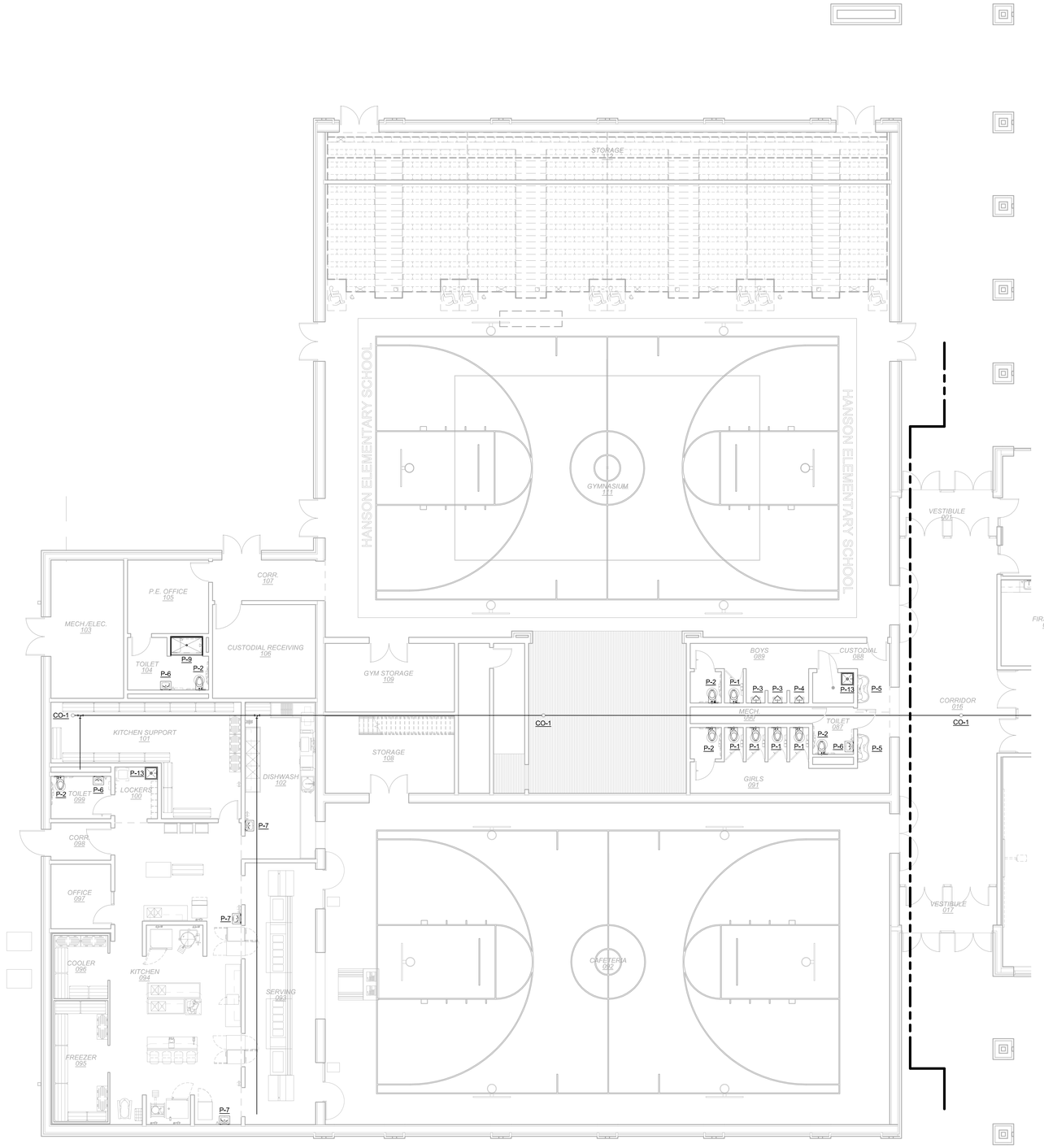

PROJECT NORTH

FLOOR PLAN - AREA D

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

SHERMAN CARTER BARNHART ARCHITECTS

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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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MECHANICAL FIRST FLOOR PLAN - AREA D

JOB NO.	19616
DATE	APRIL 20, 2020
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No.	Description	Date

SHEET

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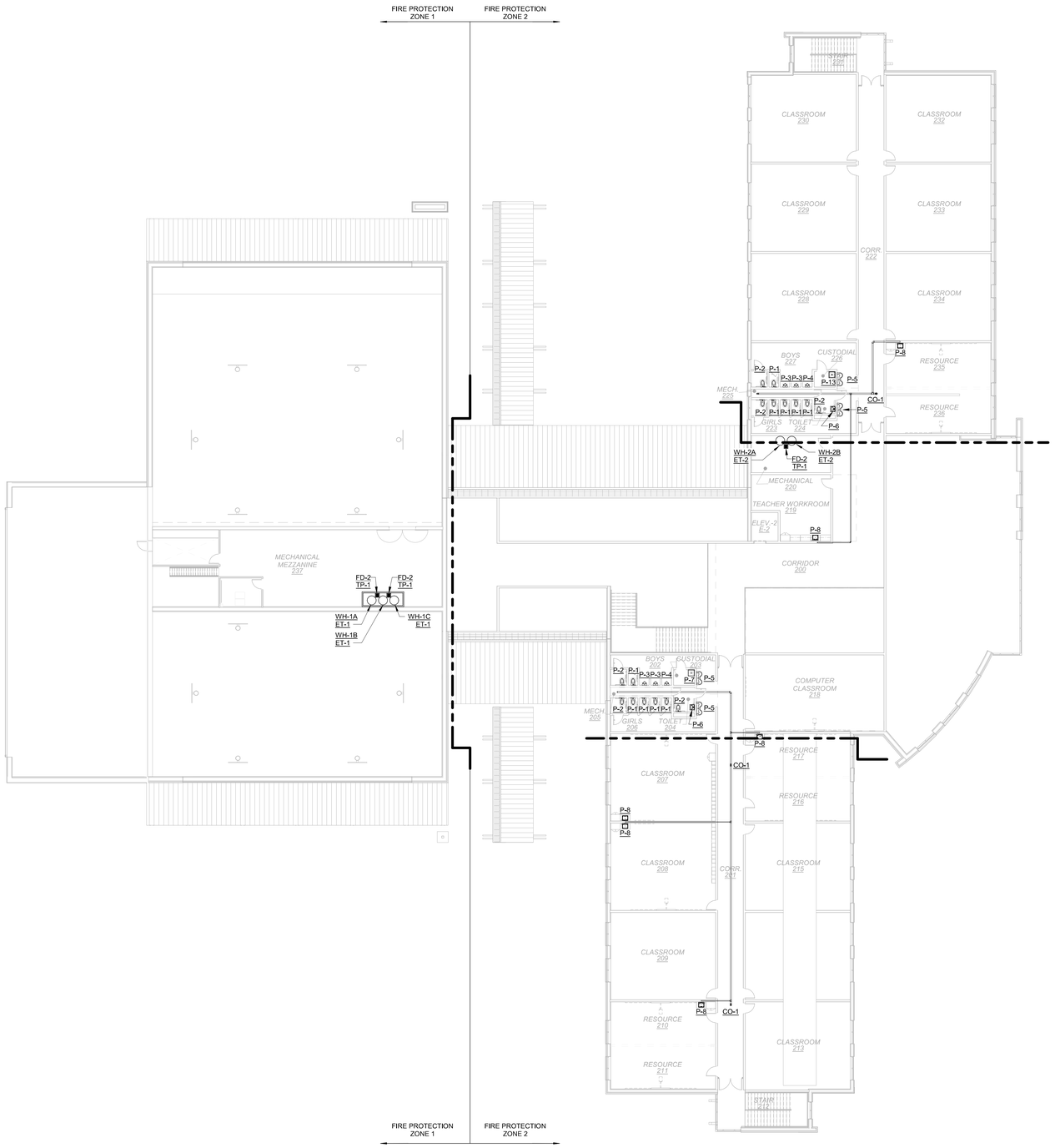

PROJECT NORTH

OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION
PROGRESS
4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

MECHANICAL OVERALL SECOND FLOOR

JOB NO.	19616
DATE	APRIL 20, 2020
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MECHANICAL CONSTRUCTION TAG NOTES

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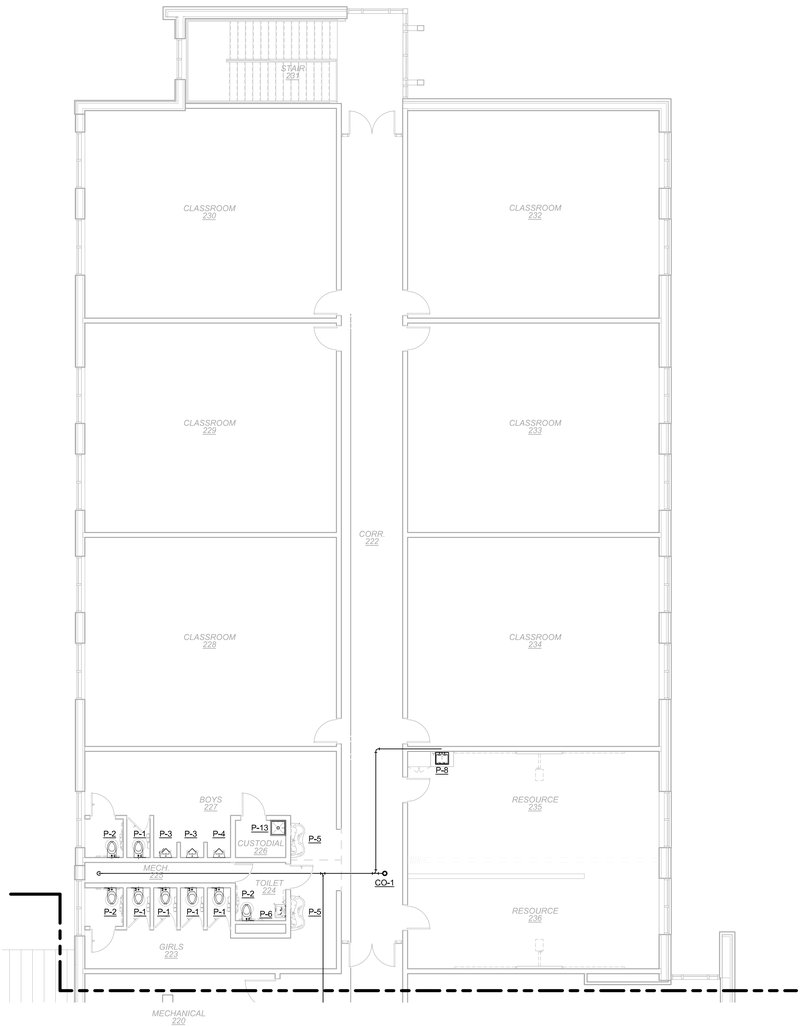
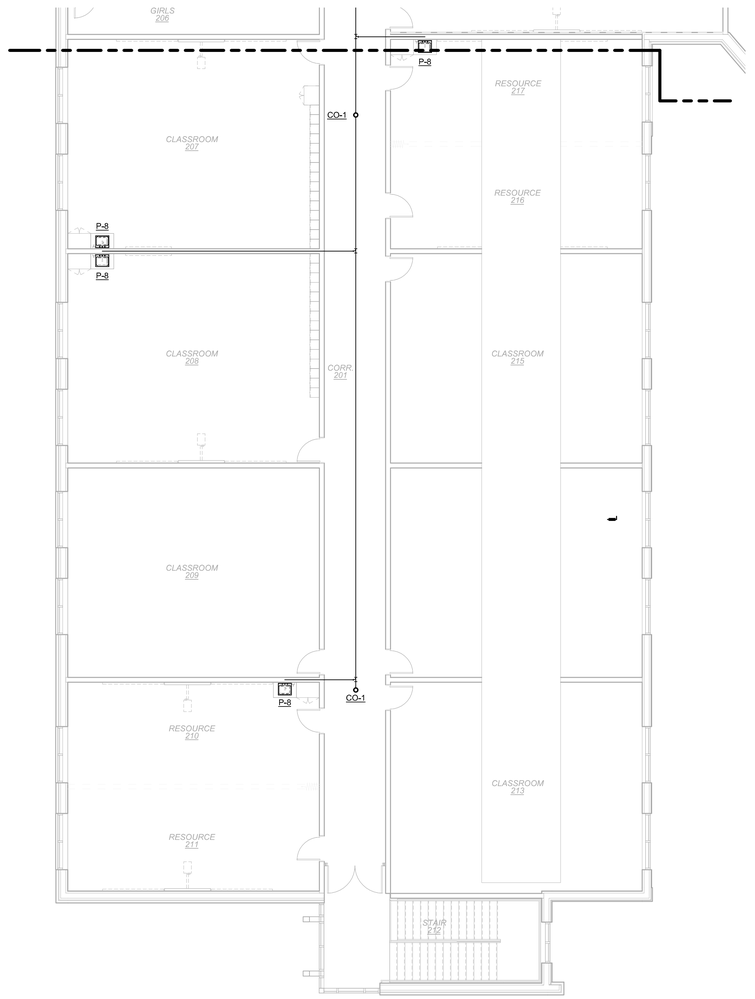


PROJECT NORTH

FLOOR PLAN - AREA B

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



PROJECT NORTH

FLOOR PLAN - AREA A

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

SHERMAN CARTER BARNHART ARCHITECTS

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PROGRESS
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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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MECHANICAL SECOND FLOOR PLANS - AREAS A AND B

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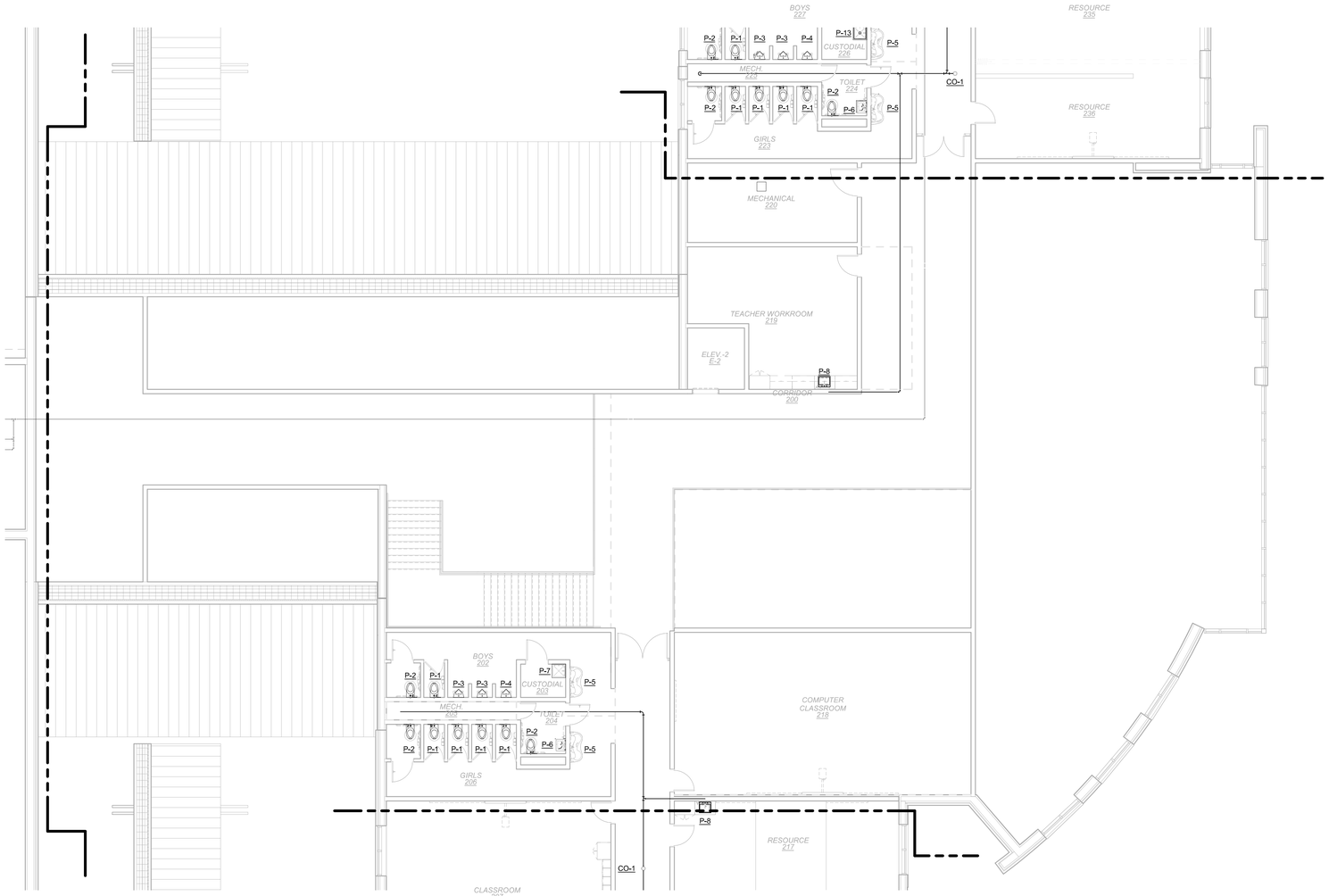

PROJECT NORTH

FLOOR PLAN - AREA C

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

SHERMAN CARTER BARNHART ARCHITECTS

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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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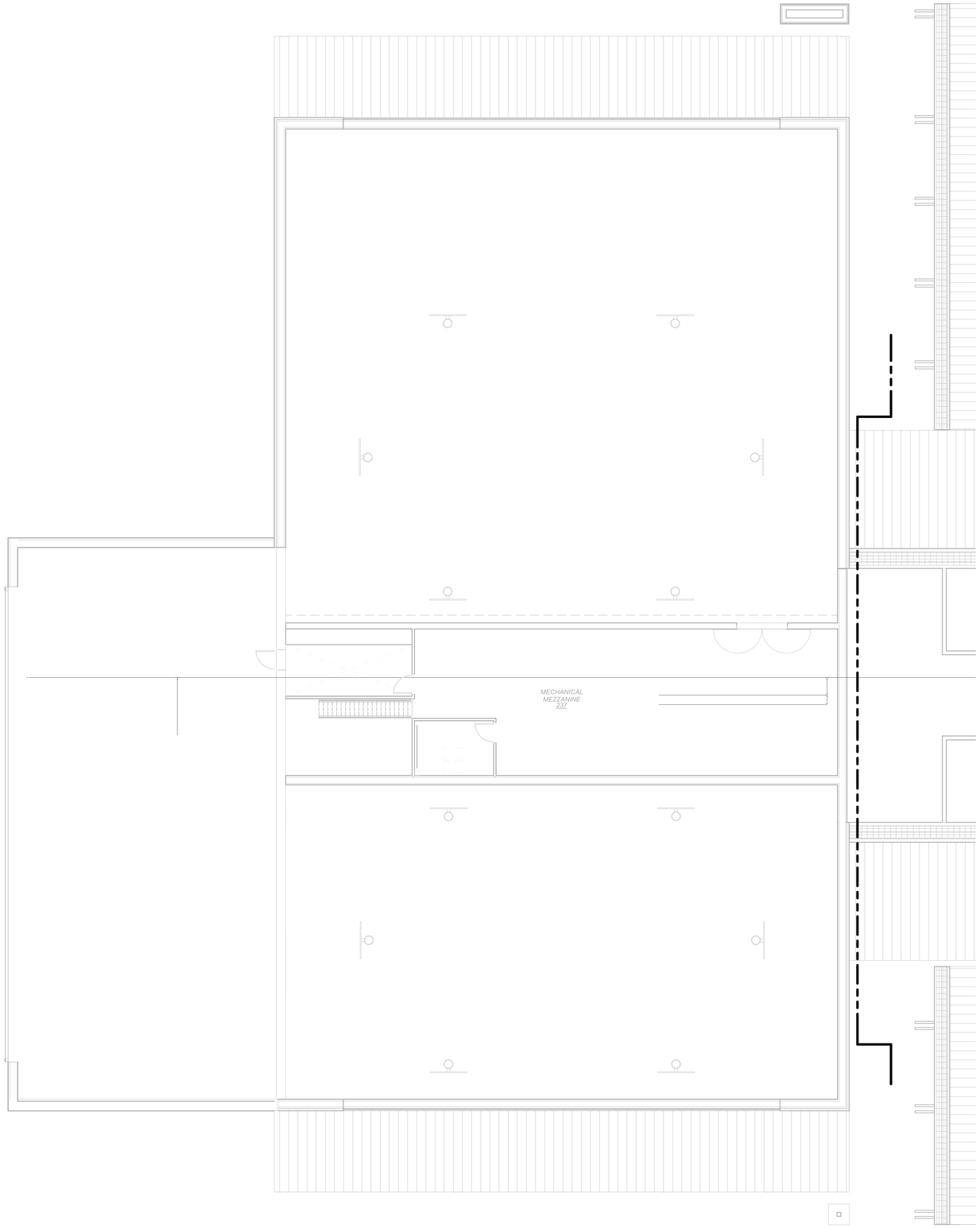

PROJECT NORTH

FLOOR PLAN - AREA D

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

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION
PROGRESS
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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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MECHANICAL SECOND FLOOR PLANS - AREA D

JOB NO.	19616
DATE	APRIL 20, 2020
DRAWN	Author
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REVISIONS

No.	Description	Date

SHEET

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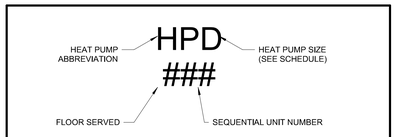
HVAC NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE STATE BUILDING CODE, INTERNATIONAL MECHANICAL CODE, NFPA 54 NATIONAL FUEL GAS CODE, AND OTHER LOCAL/STATE/ NATIONAL CODES OR STANDARDS THAT APPLY.
2. THE CONTRACTOR SHALL ACQUIRE HVAC PERMIT(S), COORDINATE ALL INSPECTIONS, AND PAY ALL ASSOCIATED FEES.
3. EACH CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING IN ORDER TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER NINE (9) DAYS PRIOR TO THE BID DATE.
4. THESE PLANS ARE SCHEMATIC IN NATURE AND INDICATE THE APPROXIMATE AND GENERAL LOCATION OF DUCTWORK, EQUIPMENT, AND/OR PIPING. COORDINATE INSTALLATION OF WORK WITH OTHER DRAWINGS AND TRADES.
5. VERIFY ALL DIMENSIONS BEFORE FABRICATION AND/OR INSTALLATION.
6. BE AWARE THAT SEVERAL UTILITIES ARE LOCATED IN THE GROUND BELOW THE PROJECT CONSTRUCTION LIMITS. EXERCISE CAUTION WHEN EXCAVATING. UTILIZE HAND TOOLS TO LOCATE EXISTING UTILITIES PRIOR TO MACHINE EXCAVATION.
7. CONCEAL ALL DUCTWORK, PIPING, ETC. IN CEILING AND/OR WALL SPACES (UNLESS NOTED OTHERWISE). PROVIDE ALL NECESSARY ACCESS DOORS IN INACCESSIBLE CEILINGS TO ALLOW ACCESS FOR MANUAL VOLUME DAMPERS, VALVES, CONTROL COMPONENTS, ETC.
8. SLEEVE ALL DUCTWORK, PIPING, VENTS, ETC. THROUGH NEW ROOF, FLOOR, AND/OR WALLS. PIPE SLEEVES SHALL BE SCHEDULE 10 AND GALVANIZED STEEL. SLEEVES ARE NOT REQUIRED FOR CORE DRILLED HOLES.
9. FLASH AND SEAL ALL ROOF, FLOOR, AND WALL PENETRATIONS.
10. FIRE STOP ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. FIRE STOPPING METHOD AND MATERIALS SHALL BE UL LISTED. FIRE COLLARS WILL BE REQUIRED IF PIPING IS COMBUSTIBLE.
11. SEISMICALLY SUPPORT ALL EQUIPMENT, PIPE, DUCTWORK, ETC, PER THE STATE BUILDING CODE AND SEISMIC DESIGN CATEGORY D.
12. PLACE REINFORCED CONCRETE PADS FOR ALL FLOOR AND/OR GRADE MOUNTED EQUIPMENT. CONCRETE SHALL HAVE A DEVELOPED STRENGTH OF 4,000 PSI AT 28 DAYS. CHAMFER ALL EXPOSED EDGES AT 1".
    INDOOR PAD INSTALLATIONS:
    A. PAD SHALL BE 4" THICK (MINIMUM) BUT SUITABLE HEIGHT FOR SYSTEM OPERATION AND PROPER CONDENSATE DRAINAGE. COORDINATE PAD HEIGHT WITH EQUIPMENT RAIL(S).
    B. STEEL REINFORCEMENT SHALL BE 6" WWF, DOWELED TO FLOOR TO PREVENT LATERAL MOVEMENT.
    C. AT A MINIMUM, PAD DIMENSIONS SHALL GENERALLY EXTEND 4" PAST THE OUTER MOST EDGE OF THE UNIT.
    OUTDOOR PAD INSTALLATIONS:
    A. PAD SHALL BE 6" THICK (MINIMUM) BUT SUITABLE HEIGHT FOR GRADE/DRAINAGE CONDITIONS AND SYSTEM OPERATION.
    B. FOR RELATIVELY LIGHT EQUIPMENT (CONDENSING UNITS, HEAT PUMPS, ETC.), STEEL REINFORCEMENT SHALL BE 6" WWF.
    C. AT A MINIMUM, PAD DIMENSIONS SHALL GENERALLY EXTEND 12" PAST THE OUTER MOST EDGE OF THE UNIT.
13. PROVIDE ALL HVAC UNITS WITH MANUFACTURER'S START-UP AND CERTIFIED REPORT FOR ENGINEER'S APPROVAL. INSTALLING CONTRACTOR START-UP IS NOT ACCEPTABLE.
14. COVER ALL OPENINGS ON AIR CONVEYANCE COMPONENTS (DUCTWORK AND/OR EQUIPMENT), WHETHER STORED OR INSTALLED, TO PREVENT ACCUMULATION OF CONSTRUCTION DUST. AIR CONVEYANCE SYSTEMS FOUND TO BE DUSTY SHALL BE PROFESSIONALLY CLEANED AND CERTIFIED BY A NADCA CONTRACTOR AT THE HVAC CONTRACTOR'S EXPENSE.
15. STORE AND INSTALL DUCTWORK AND/OR EQUIPMENT ONLY WHERE PROTECTED FROM DIRECT CONTACT WITH RAIN OR CONSTRUCTION WATER.
16. COORDINATE DUCTWORK ROUTING IN CEILING SPACES TO AVOID CONFLICTS WITH FIRE PROTECTION, PLUMBING, SPECIAL SYSTEMS, LIGHTING, NEC CLEARANCES, ETC.
17. DUCTWORK SHALL BE GALVANIZED STEEL (UNLESS SPECIFIED OTHERWISE) AND SHALL BE FABRICATED/INSTALLED IN ACCORDANCE WITH THE APPLICABLE MANUAL OR HANDBOOK OF THE SHEETMETAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. (SMACNA), LATEST ISSUE.
18. INSTALL STAINLESS STEEL EXHAUST AIR DUCTWORK WHERE NOTED ON DRAWINGS.
19. KITCHEN HOOD EXHAUST DUCTWORK SHALL BE 16 GAUGE 316L STAINLESS STEEL WITH ALL WELDED JOINTS. PITCH DUCTWORK AND INSTALL UL LISTED ACCESS DOORS PER IMC FOR PROPER INSPECTION/CLEANING.
20. DISHWASHER EXHAUST DUCTWORK SHALL BE 16 GAUGE 316L STAINLESS STEEL WITH ALL WELDED JOINTS.
21. PROVIDE 4" FLEXIBLE CONNECTIONS BETWEEN ALL HVAC UNITS AND RIGID SHEETMETAL DUCTWORK TO STOP VIBRATION TRANSMISSION.
22. INSTALL DUAL WALL TURNING VANES IN ALL ELBOWS LOCATED DOWNSTREAM OF SUPPLY FANS (EXAMPLES ARE SUPPLY AIR, DEDICATED OUTSIDE AIR, EXHAUST AIR BETWEEN FAN AND EXIT, ETC.). RADIUSED ELBOWS IN RECTANGULAR DUCT ARE NOT ACCEPTABLE.
23. FURNISH AND INSTALL AUTOMATIC FIRE DAMPERS WITH APPROPRIATELY SIZED ACCESS PANELS/DOORS AT ALL FIRE RATED ASSEMBLIES.
24. INSTALL A BEAD OF SEALANT BETWEEN THE BASE OF HVAC EQUIPMENT AND ROOF CURBS.
25. CONTINUOUSLY SEAL ALL DUCT JOINTS WITH MONECO, DUCTMATE, HARDCAST, OR APPROVED EQUAL DUCT SEALER. USE OF TAPE TO SEAL JOINTS IS NOT ACCEPTABLE.
26. FABRICATE AND INSTALL AN AUXILIARY DRAIN PAN FOR ALL EQUIPMENT LOCATED ABOVE CEILINGS AND/OR ON SERVICE PLATFORMS THAT CONTAIN COOLING/EVAPORATOR COILS. THE PAN SHALL BE FABRICATED FROM 16 GAUGE GALVANIZED STEEL WITH CONTINUOUSLY WELDED JOINTS. PAN SHALL BE 1 1/2" DEEP AND SHALL EXTEND 3" (MINIMUM) BEYOND OUTER MOST EDGE OF EQUPMENT.
27. INSTALL A CONDENSATE TRAP AND DRAIN LINE FOR ALL EQUIPMENT REQUIRING A DRAIN. THE DRAIN SIZE (AT A MINIMUM) SHALL BE EQUAL TO THE UNIT'S CONNECTION SIZE BUT IN NO CASE SHALL BE LESS THAN 1" DIAMETER. FABRICATE TRAP TO MAINTAIN TOTAL FAN STATIC PRESSURE PLUS 1 IN WC.
28. FURNISH AND INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS IN THE HVAC PIPING SYSTEM.
29. INTERNALLY INSULATE RETURN AND EXHAUST AIR GRILLE PLENUMS WITH 1/2" FIBERGLASS, ANTI-MICROBIAL DUCT LINER FOR SOUND CONTROL.
30. INTERNALLY INSULATE DUCTWORK (ONLY WHERE SPECIFIED) WITH FIBERGLASS, ANTI-MICROBIAL DUCT LINER.
31. EXTERNALLY INSULATE ALL SHEETMETAL DUCTWORK, TRANSITIONS, TAKE-OFFS, VOLUME DAMPERS, DIFFUSER BACKS, ETC. WITH FIBERGLASS INSULATION AND VAPOR BARRIER AS SPECIFIED. SEAL ALL VAPOR BARRIER JOINTS.
32. INSULATE INDOOR CONDENSATE DRAIN PIPING WITH FLEXIBLE ELASTOMERIC THERMAL INSULATION.
33. INSULATE ALL REFRIGERANT PIPING WITH FLEXIBLE ELASTOMERIC THERMAL INSULATION. LINES LOCATED OUTDOORS SHALL BE INSULATED AND JACKETED WITH UV RESISTANT PVC JACKET. PROPERLY SUPPORT PIPING WITH UNISTRUT SYSTEMS.
34. INSULATE HYDRONIC PIPING PER WRITTEN SPECIFICATIONS.
35. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE AND PROPER INSTALLATION OF THERMOSTATS AND ALL OTHER FIELD MOUNTED CONTROL COMPONENTS. THE HVAC EQUIPMENT MANUFACTURER SHALL FURNISH COMPLETE WIRING DIAGRAMS TO THE INSTALLER FOR USE IN WIRING CONTROLS. ALL CONTROL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CONTROL AND/OR ELECTRICAL SPECIFICATIONS AND THE LATEST NEC (NATIONAL ELECTRICAL CODE) EDITION.
36. PER ADA STANDARDS, TOP OF THERMOSTATS AND SIMILAR CONTROLS SHALL BE MOUNTED AT 48" (MAXIMUM) ABOVE THE FINISHED FLOOR.
37. THE FIRE ALARM CONTRACTOR SHALL FURNISH A DUCT SMOKE DETECTOR FOR EACH HVAC SYSTEM THAT IS 2,000 CFM OR GREATER. THE DUCT SMOKE DETECTOR SHALL BE COMPATIBLE WITH FIRE ALARM SYSTEM. THE MECHANICAL CONTRACTOR SHALL RECEIVE THE DUCT SMOKE DETECTOR AND INSTALL IN RETURN AIR DUCTWORK SO AS TO BE ACCESSIBLE IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE. THE DUCT SMOKE DETECTOR SHALL BE INTERLOCKED WITH THE HVAC UNIT AND FIRE ALARM SYSTEM TO SHUT DOWN THE SUPPLY AIR FAN AND GENERATE A GENERAL ALARM CONDITION WHEN SMOKE IS SENSED IN THE DUCT.
38. BALANCE AIR AND/OR WATER FLOWS AND SUBMIT REPORTS FOR ENGINEER'S APPROVAL. TESTING, ADJUSTING, AND BALANCING SHALL BE PERFORMED BY A CERTIFIED AABC CONTRACTOR.
39. THE CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL SHEAVES, PULLEYS, BELTS AND/OR SPEED CONTROLLERS AS REQUIRED TO BRING AIR SYSTEM TO WITHIN 10% (OR AS OTHERWISE SPECIFIED) OF DESIGN.
40. INSTALL SUPPORT CONNECTIONS PER ROOF FRAMING MANUFACTURER'S REQUIREMENTS WHEN SUSPENDING SYSTEMS FROM PRE-ENGINEERED LIGHT GAUGE STEEL TRUSSES.



WATER SOURCE HEAT PUMP TAG

IMPORTANT NOTICE

1. EXTERIOR WALLS FOR THIS BUILDING ARE CONSTRUCTED OF ICF (INSULATED CONCRETE FORM). THE SUBCONTRACTORS SHALL COORDINATE NECESSARY ROUGH-IN OF SYSTEMS WITHIN WALLS. THIS MUST BE DONE PRIOR TO THE CONCRETE POUR AND IS THE RESPONSIBILITY OF THE SUBCONTRACTOR WHO REQUIRES THE PENETRATION OR CONCEALMENT.
2. AT EXTERIOR ICF WALLS, ALL AREAS OF ICF FOAM INSULATION ROUTED OUT FOR ELECTRICAL CONDUIT, PLUMBING, ETC. SHALL BE SPRAY-FOAMED AND RE-INSULATED AROUND SUCH INSTALLATION TO RETARD THERMAL TRANSMISSION.

HVAC LEGEND

SA	SHEETMETAL SUPPLY-AIR DUCTWORK
RA	SHEETMETAL RETURN-AIR DUCTWORK
EA	SHEETMETAL EXHAUST-AIR DUCTWORK
OA	SHEETMETAL OUTSIDE-AIR DUCTWORK
REA	SHEETMETAL RELIEF EXHAUST-AIR DUCTWORK
00x00	NEW RECT. SHEETMETAL DUCTWORK: FIRST FIG. WIDTH, SECOND FIG. DEPTH
ØØ	NEW ROUND RIGID S.M. DUCTWORK
ØØ	NEW FLEXIBLE ROUND DUCTWORK
	SUPPLY-AIR DUCT (UP/DN)
	RETURN-AIR DUCT (UP/DN)
	EXHAUST-AIR DUCT (UP/DN)
	OUTSIDE-AIR DUCT (UP/DN)
	PIPE RISE
	PIPE DROP
	CEILING SUPPLY-AIR DIFFUSER
	CEILING RETURN-AIR GRILLE
	CEILING EXHAUST-AIR GRILLE
S-#	SUPPLY-AIR DIFFUSER (SEE SCHEDULE)
R-#	RETURN-AIR GRILLE (SEE SCHEDULE)
E-#	EXHAUST-AIR GRILLE (SEE SCHEDULE)
T	THERMOSTAT
Z	ZONE SENSOR
#	NEW CONSTRUCTION NOTE
D	CONDENSATE DRAIN PIPING
REF	REFRIGERANT PIPING
S	HEAT PUMP LOOP WATER SUPPLY
R	HEAT PUMP LOOP WATER RETURN
TYPE #	EQUIPMENT TAG - TYPE & NUMBER
EF #	VENTILATING FAN (SEE SCHEDULE)
MAU #	ROOF TOP MAKE-UP AIR UNIT WITH NATURAL GAS HEAT (SEE SCHEDULE)
DOA #	PACKAGED DEDICATED VENTILATION-AIR UNIT WITH TOTAL ENERGY RECOVERY WHEEL AND NATURAL GAS HEAT (SEE SCHEDULE)
VRV #	VRV SYSTEM INDOOR UNIT (SEE SCHEDULE)
RAC #	SPLIT SYSTEM COMPUTER ROOM UNIT (SEE SCHEDULE)
UH #	GAS FIRED UNIT HEATER (SEE SCHEDULE)
HVLS #	HIGH VOLUME LOW SPEED FAN (SEE SCHEDULE)
KEH #	KITCHEN RANGE HOOD (SEE SCHEDULE)
IU #	INDOOR SPLIT HEAT PUMP SYSTEM EQUIPMENT (SEE SCHEDULE)
OU #	OUTDOOR SPLIT HEAT PUMP SYSTEM EQUIPMENT (SEE SCHEDULE)
EF #	VENTILATING FAN (SEE SCHEDULE)
DS #	SUSPENDED CEILING DESTRATIFICATION FAN (SEE SCHEDULE)
AKH #	ART KILN EXHAUST HOOD (SEE SCHEDULE)
L #	LOUVER (SEE SCHEDULE)
RH #	RELIEF HOOD (SEE SCHEDULE)
P #	HYDRONIC PUMP (SEE SCHEDULE)

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION PROGRESS 4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

HVAC LEAD SHEET

JOB NO.	19616
DATE	APRIL 20, 2020
DRAWN	Author
CHECKED	Checker

REVISIONS

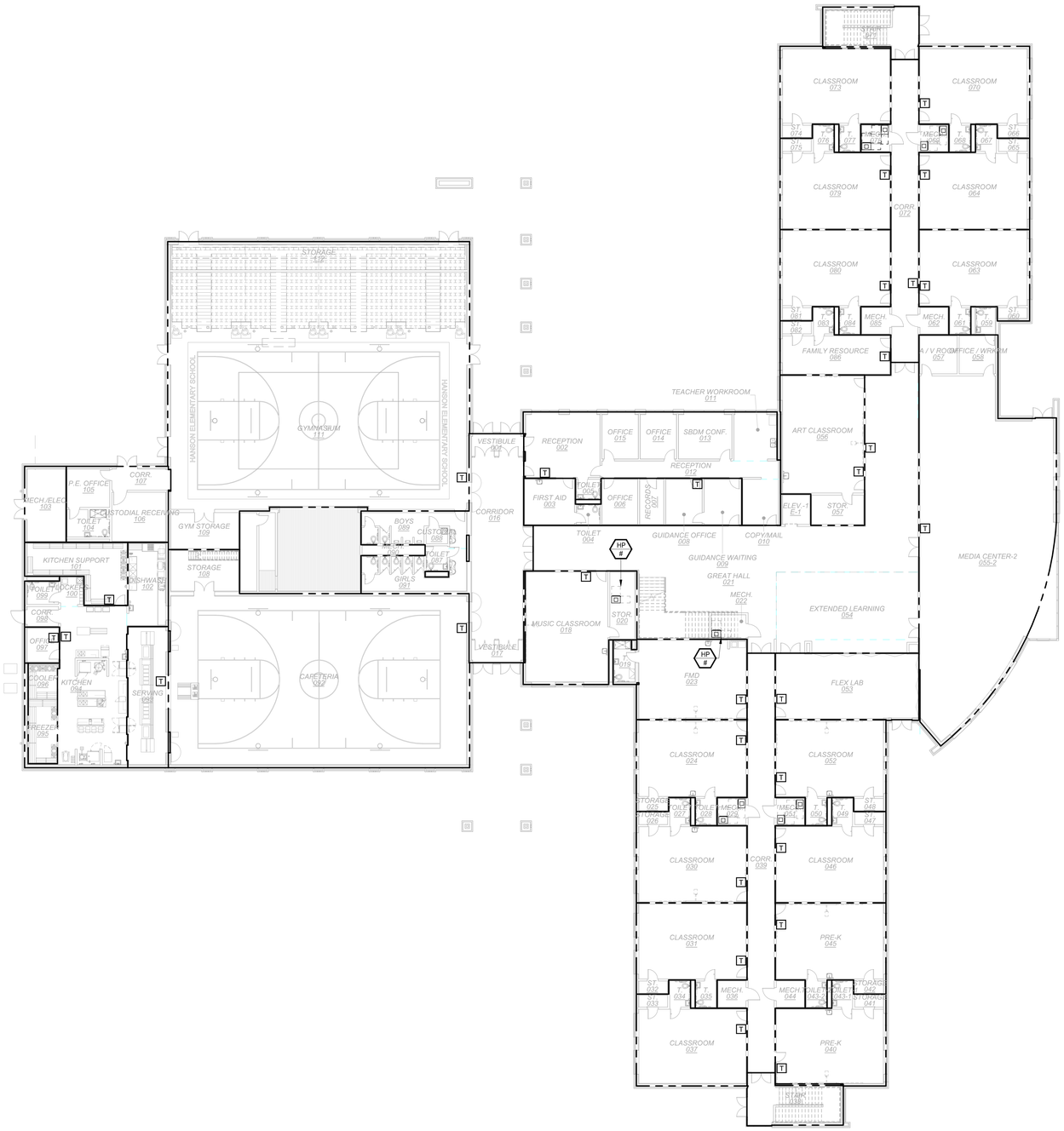
No.	Description	Date

SHEET

H0.1

MECHANICAL CONSTRUCTION TAG NOTES

#	(APPLIES TO THIS DRAWING ONLY)



PROJECT NORTH

OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0"

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4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 11TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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HOPKINS COUNTY

HVAC OVERALL FIRST FLOOR PLAN

JOB NO.	19616
DATE	APRIL 20, 2020
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CHECKED	BLO

REVISIONS

No.	Description	Date

SHEET

H1.0

MECHANICAL CONSTRUCTION TAG NOTES

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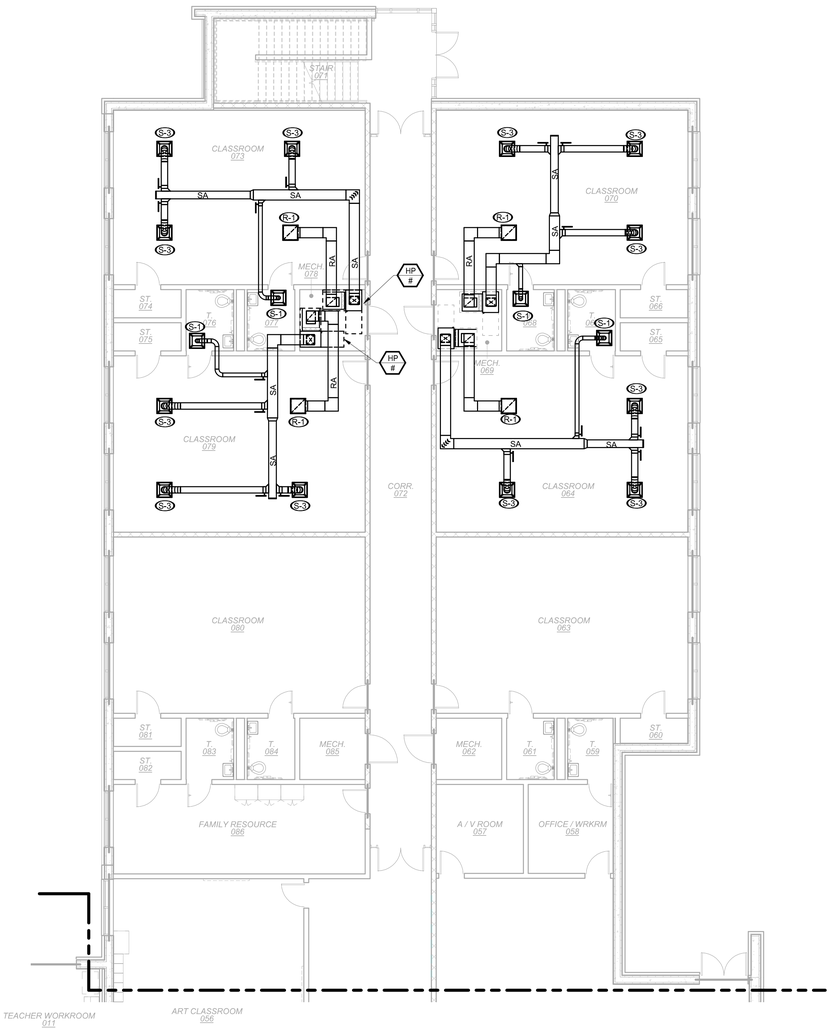
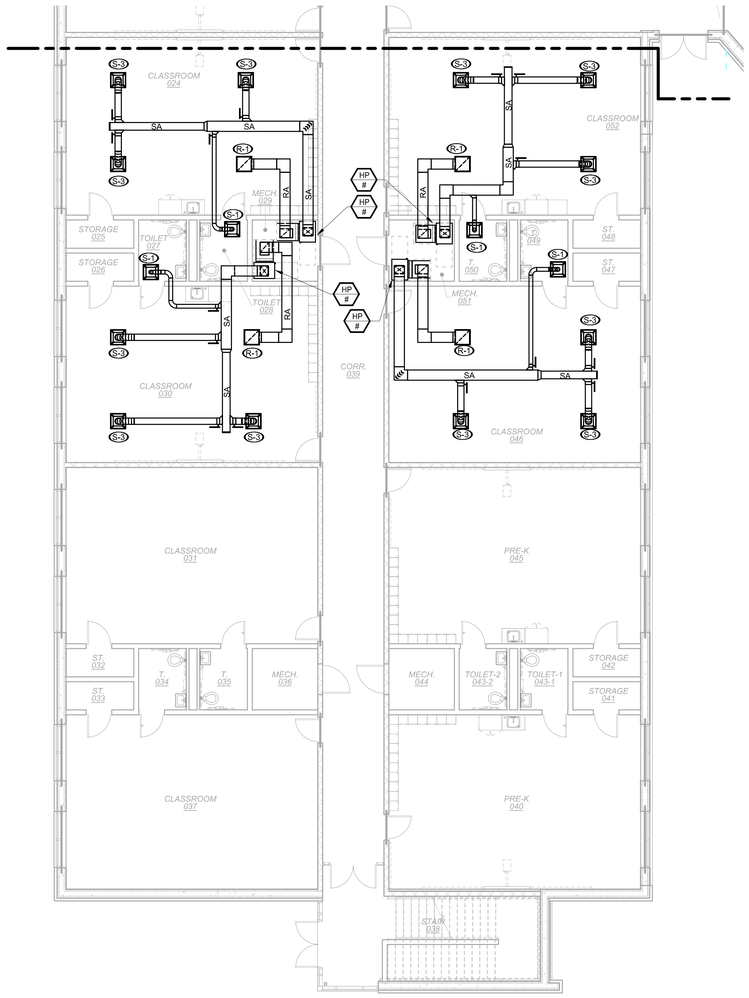


PROJECT NORTH

FLOOR PLAN - AREA B

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



PROJECT NORTH

FLOOR PLAN - AREA A

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

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION PROGRESS 4/17/2020

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500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL

HOPKINS COUNTY

HVAC FIRST FLOOR PLAN - AREAS A AND B

JOB NO.	19616
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SHEET

H1.1

MECHANICAL CONSTRUCTION TAG NOTES

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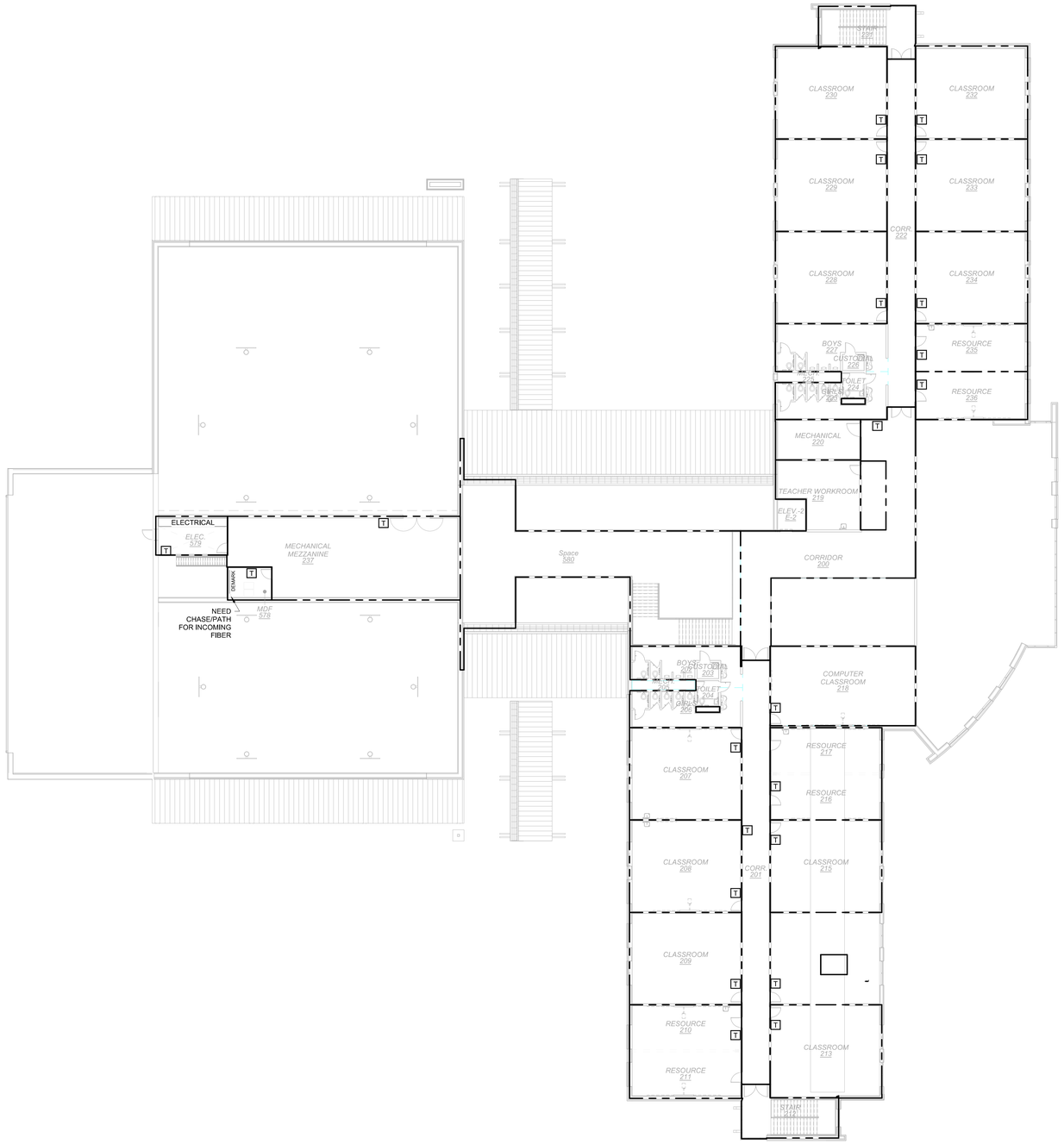

PROJECT NORTH

OVERALL FLOOR PLAN

SCALE: 1/16" = 1'-0"

SHERMAN CARTER BARNHART ARCHITECTS

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PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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HVAC SECOND FLOOR PLAN

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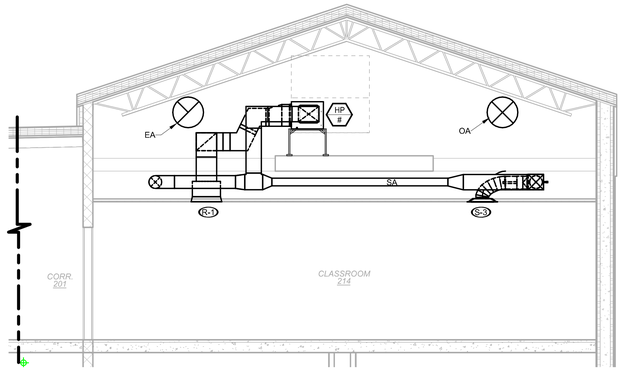
SHEET

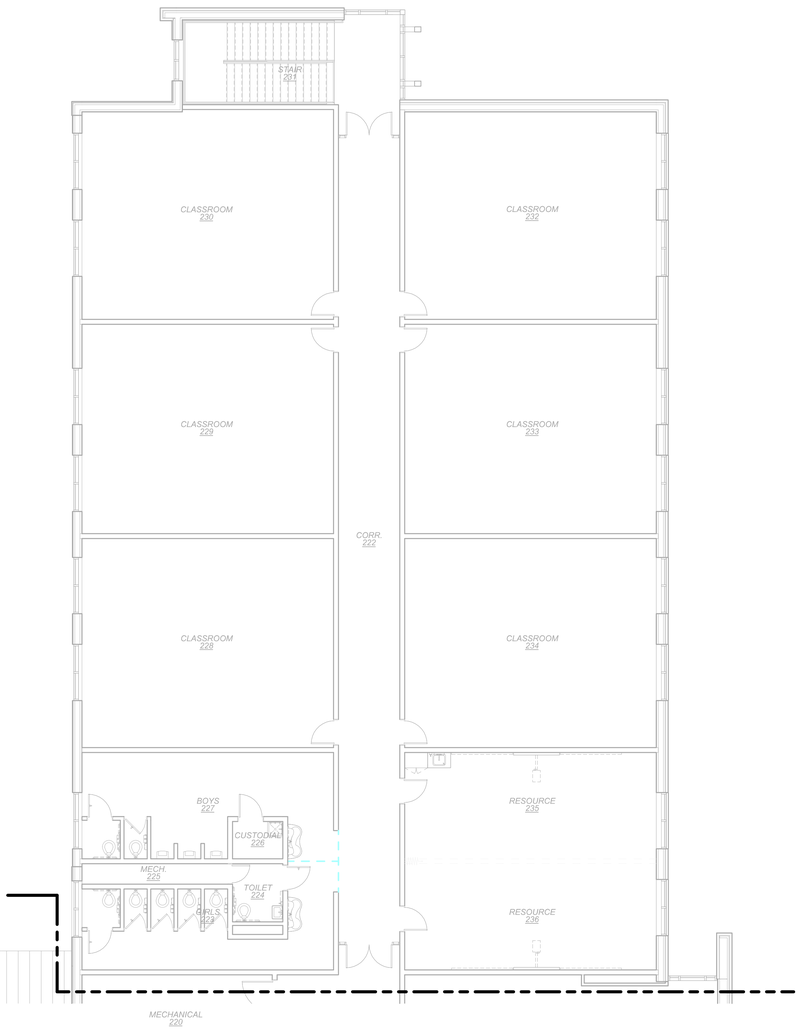
H2.0

MECHANICAL CONSTRUCTION TAG NOTES

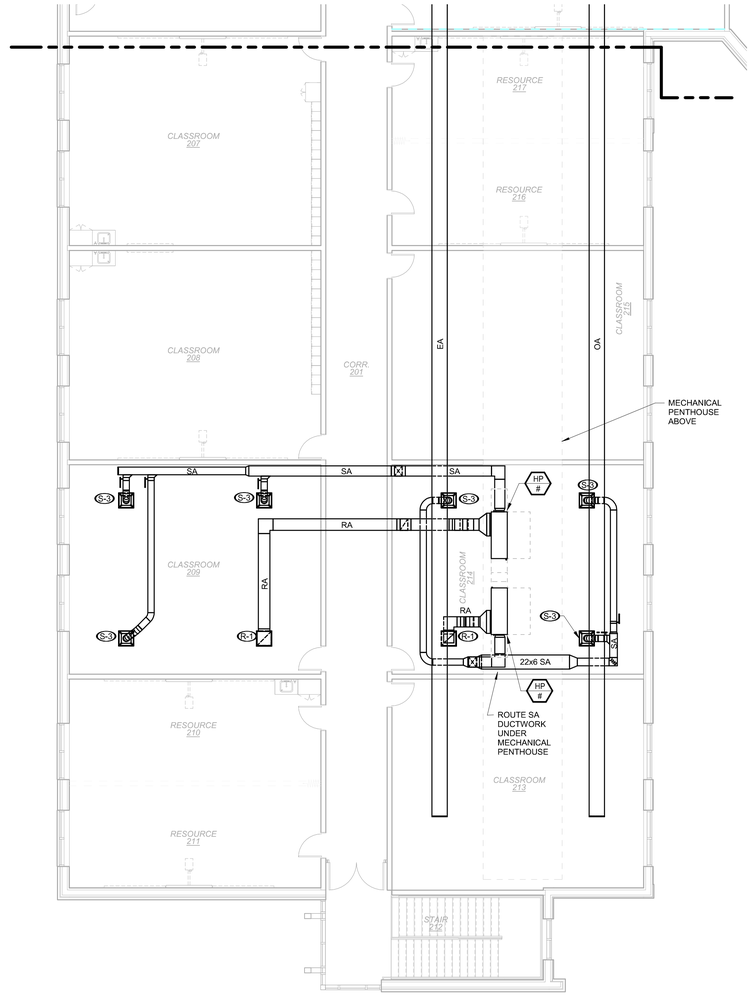
[#] (APPLIES TO THIS DRAWING ONLY)



A SECTION THRU CLASSROOMS
1/4" = 1'-0"



PROJECT NORTH
FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"



PROJECT NORTH
FLOOR PLAN - AREA A
SCALE: 1/8" = 1'-0"

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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

HVAC SECOND FLOOR PLAN - AREAS A AND B

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SHEET

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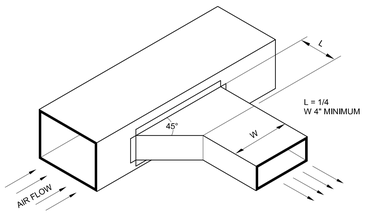
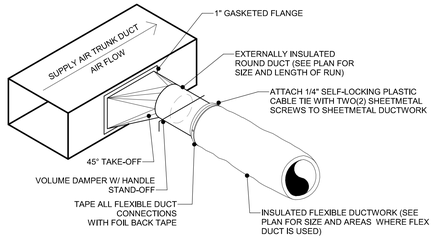
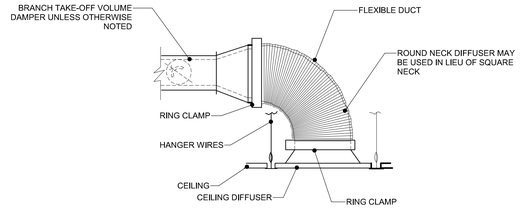


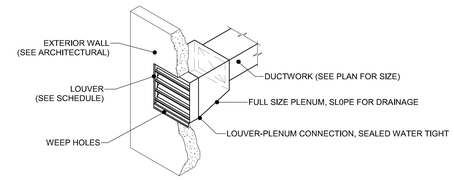
DUCT TAKEOFF DETAIL
NO SCALE



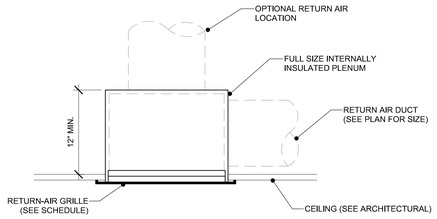
DUCT TAKE-OFF/FLEX CONNECTION
NO SCALE



DUCT CONNECTION TO CEILING DIFFUSER
NO SCALE

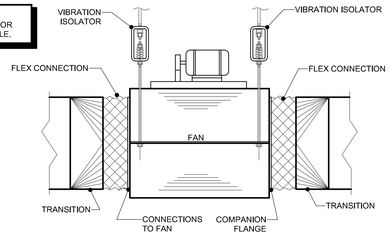


TYPICAL LOUVER INSTALLATION DETAIL
NO SCALE

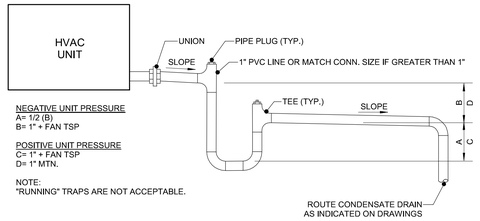


RETURN-AIR GRILLE PLENUM DETAIL
NO SCALE

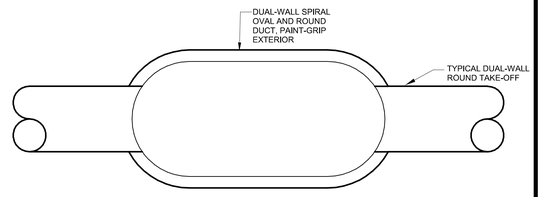
NOTE:
ROTATE FAN TO ENSURE MOTOR & FAN LOCATION IS SERVICEBLE.



INLINE FAN SUPPORT DETAIL
NO SCALE

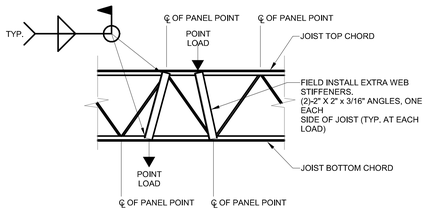


CONDENSATE DRAIN TRAP DETAIL
NO SCALE

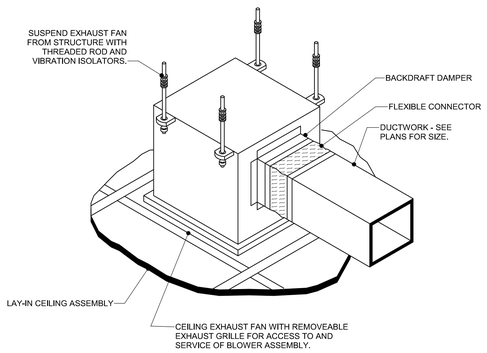


TYPICAL DUAL-WALL DETAIL
NO SCALE

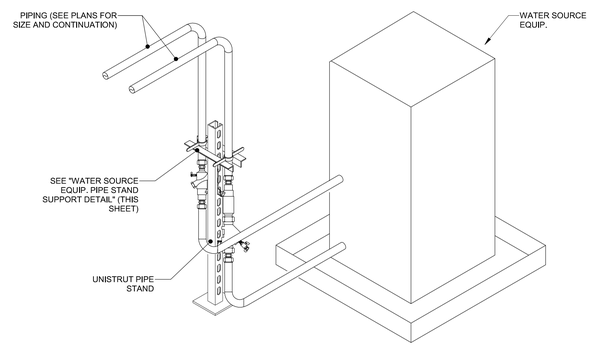
NOTES:
1. CONTRACTOR SHALL SUPPORT FROM TOP CHORD AT PANEL POINTS.
2. WHERE NOT POSSIBLE, FIELD INSTALL WEBB STIFFENERS PER DETAIL AND JOIST MANUFACTURER'S REQUIREMENTS.



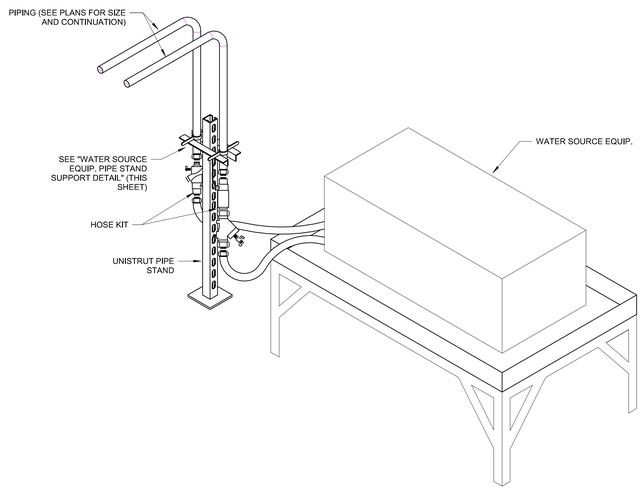
TYPICAL BAR JOIST SUPPORT DETAIL
NO SCALE



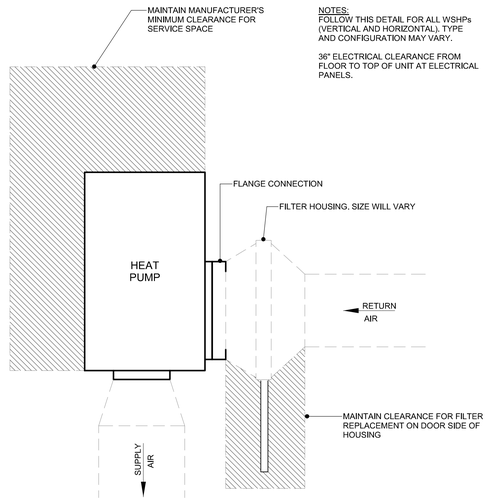
CEILING MOUNTED EXHAUST FAN DETAIL
NO SCALE



WATER SOURCE EQUIP. PIPE STAND DETAIL
NO SCALE



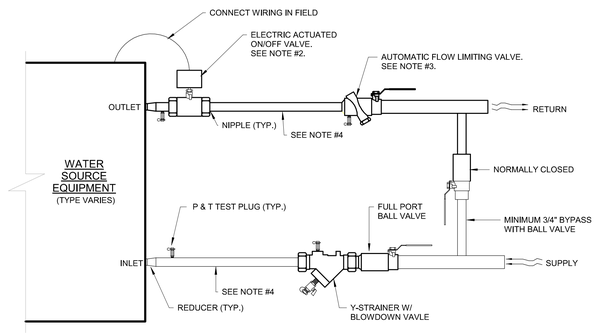
WATER SOURCE EQUIP. PIPE STAND DETAIL
NO SCALE



NOTES:
FOLLOW THIS DETAIL FOR ALL WSHPs (VERTICAL AND HORIZONTAL). TYPE AND CONFIGURATION MAY VARY.

36" ELECTRICAL CLEARANCE FROM FLOOR TO TOP OF UNIT AT ELECTRICAL PANELS.

TYP. WSHP SERVICE CLEARANCE DETAIL
NO SCALE



NOTES:

1. THIS INSTALLATION IS REQUIRED FOR EVERY WATER SOURCE EQUIPMENT REGARDLESS OF TYPE OR INSTALLER.

2. 2-WAY VALVE SHALL BE FAST OPENING AND SLOW CLOSING. VALVE SHALL BE CONTROLLED BY EQUIPMENT SERVED. VALVE SHALL BE FURNISHED BY TEMPERATURE CONTROLS CONTRACTOR.

3. VALVE SHALL BE ENGINEERED FOR EACH APPLICATION AND SET TO OPERATE WITHIN ± 5% OF REQUIRED FLOWRATE. 2-60 PSID ALLOWABLE OPERATION RANGE AT REQUIRED FLOWRATE. INCLUDE FULL PORT BALL VALVE AND P&T TEST PORTS. B&G CIRCUIT SENTRY OR APPROVED EQUAL.

4. SEE PIPING PLANS FOR SIZE. USE OF FLEXIBLE HOSE KIT IS NOT ACCEPTABLE.

WATER SOURCE EQUIPMENT PIPING DETAIL
NO SCALE

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MARCUM ENGINEERING, LLC
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HANSON ELEMENTARY SCHOOL
HOPKINS COUNTY

HVAC DETAILS

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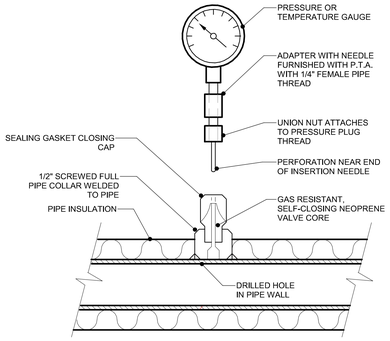
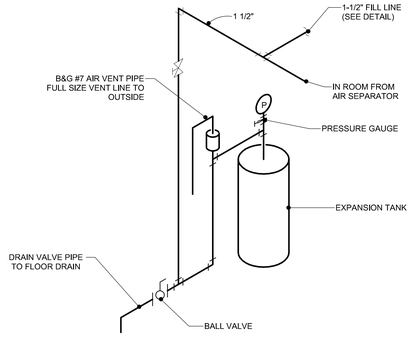
H4.1



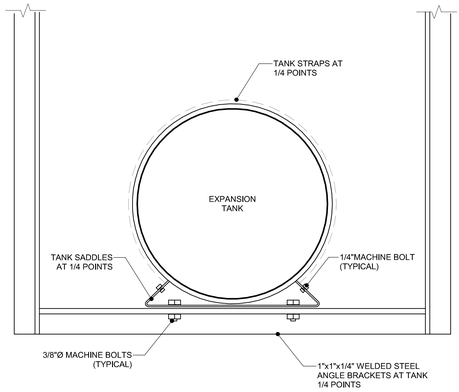
PRESSURE AND TEMPERTURE TEST PLUG DETAIL

NO SCALE



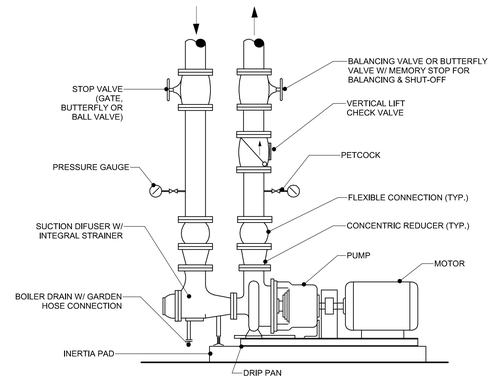
EXPANSION TANK PIPING DIAGRAM

NO SCALE



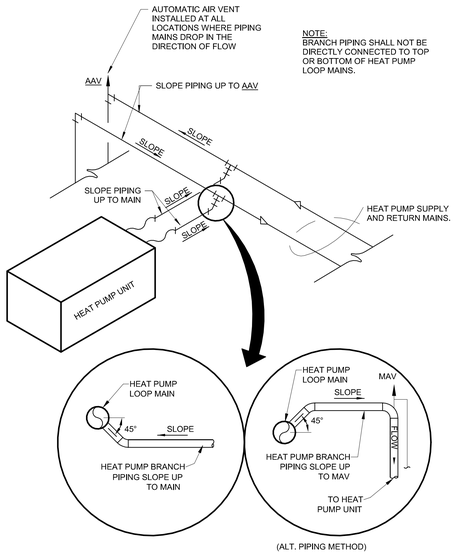
EXPANSION TANK MOUNTING DETAIL

NO SCALE



BASE MOUNTED PUMP DETAIL

NO SCALE

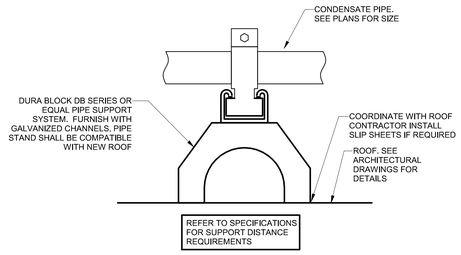


NOTE:
BRANCH PIPING SHALL NOT BE DIRECTLY CONNECTED TO TOP OR BOTTOM OF HEAT PUMP LOOP MAINS.

(ALT. PIPING METHOD)

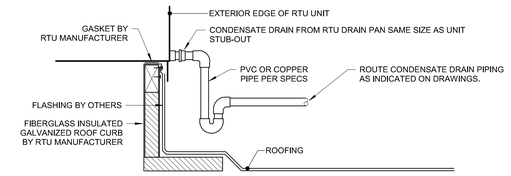
HEAT PUMP BRANCH CONNECTION DETAIL

NO SCALE



CONDENSATE PIPING ON ROOF SUPPORT DETAIL

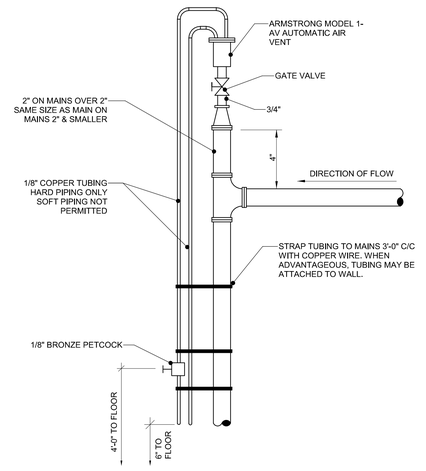
NO SCALE



1. CURB MUST BE INSTALLED LEVEL SO THAT CONDENSATE DRAINS PROPERLY. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR LEVELING TOLERANCES.
2. U-TRAP NOT REQUIRED ON INTERNALLY TRAPPED UNIT. REFER TO MANUFACTURER INSTALLATION DETAILS.

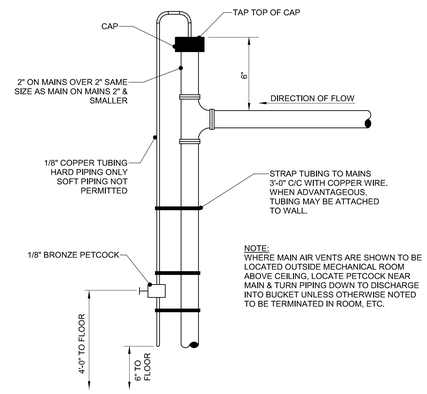
ROOFTOP UNIT CONDENSATE DRAIN DETAIL

NO SCALE



AUTOMATIC AIR VENT DETAIL

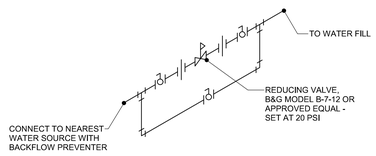
NO SCALE



NOTE:
WHERE MAIN AIR VENTS ARE SHOWN TO BE LOCATED OUTSIDE MECHANICAL ROOM ABOVE CEILING, LOCATE PETCOCK NEAR MAIN & TURN PIPING DOWN TO DISCHARGE INTO BUCKET UNLESS OTHERWISE NOTED TO BE TERMINATED IN ROOM, ETC.

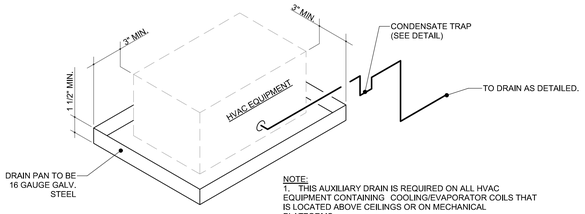
MANUAL AIR VENT DETAIL

NO SCALE



FILL LINE DIAGRAM

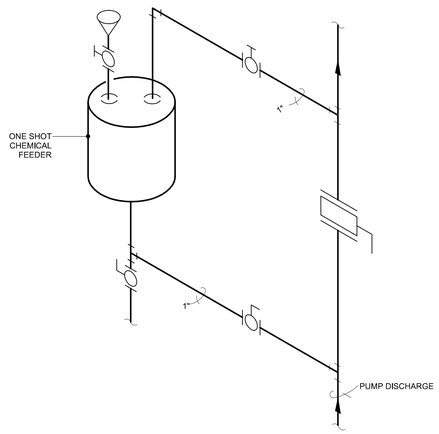
NO SCALE



NOTE:
1. THIS AUXILIARY DRAIN IS REQUIRED ON ALL HVAC EQUIPMENT CONTAINING COOLING/EVAPORATOR COILS THAT IS LOCATED ABOVE CEILINGS OR ON MECHANICAL PLATFORMS.
2. AUXILIARY DRAIN PAN SHALL INCLUDE WATER SENSOR OR FLOAT SWITCH MOUNTED IN PAN. SENSOR SHALL BE INSTALLED AND INTERLOCKED WITH HEAT PUMP SUCH THAT IF SENSOR DETECTS WATER IN PAN, UNIT WILL SHUT DOWN.

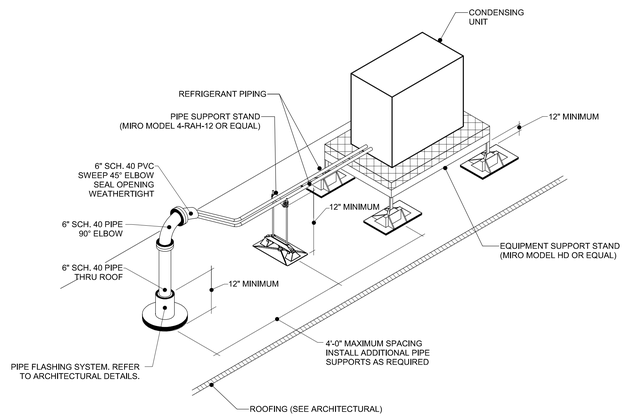
AUXILIARY DRAIN PAN DETAIL

NO SCALE



CHEMICAL FEEDER DIAGRAM

NO SCALE



SPLIT HVAC ROOFTOP EQUIPMENT SUPPORT REFRIGERANT PIPING ROOF PENETRATION DETAIL

NO SCALE

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NOT FOR CONSTRUCTION PROGRESS 4/17/2020

MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
WWW.MARCUMENGINEERING.NET

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HVAC DETAILS

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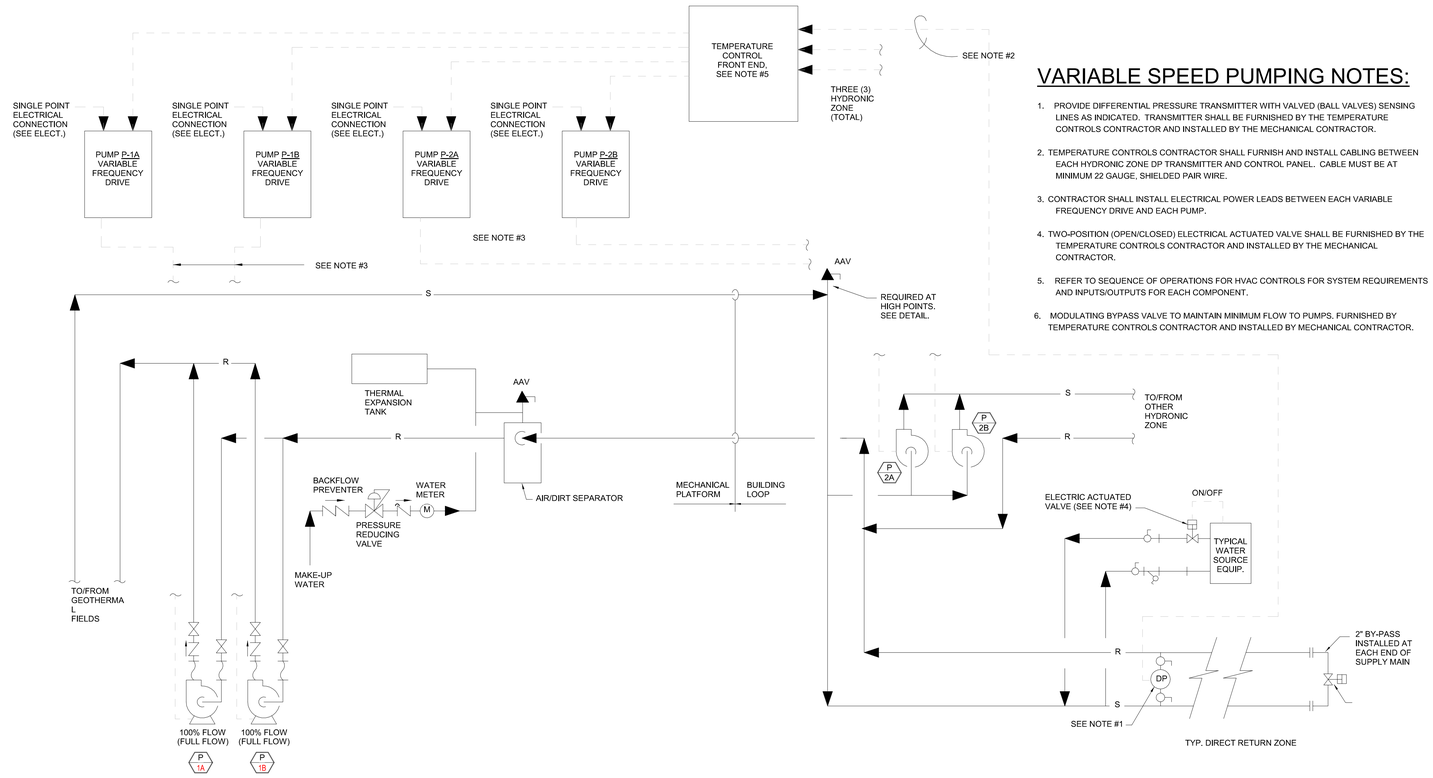
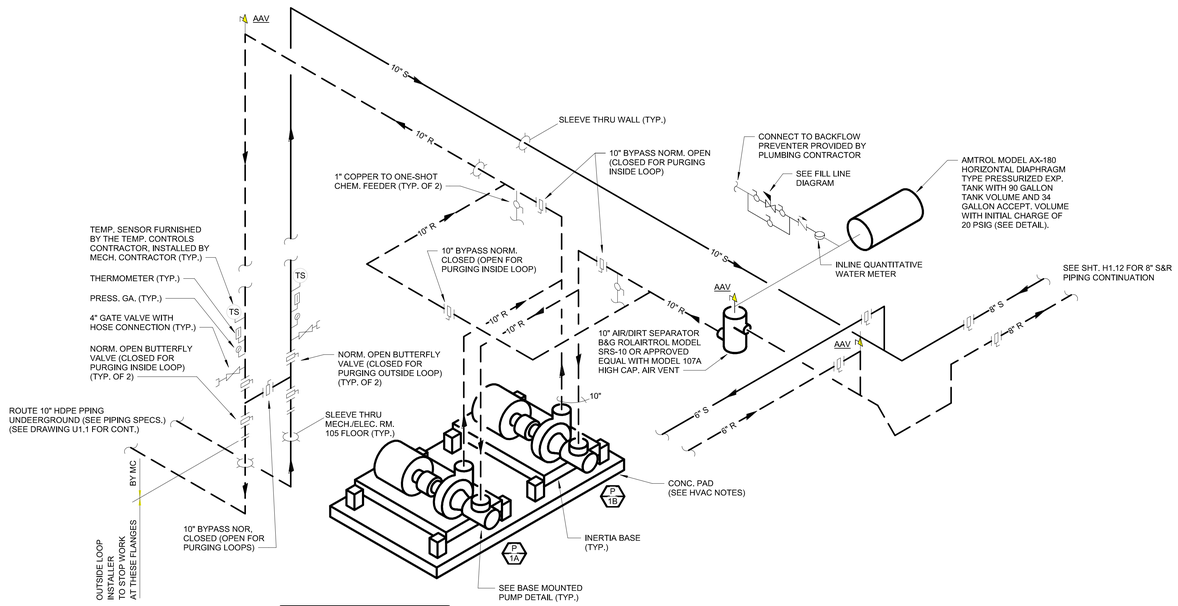


VARIABLE SPEED PUMPING SCHEMATIC

NO SCALE

VARIABLE SPEED PUMPING NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE TRANSMITTER WITH VALVED (BALL VALVES) SENSING LINES AS INDICATED. TRANSMITTER SHALL BE FURNISHED BY THE TEMPERATURE CONTROLS CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL CABLING BETWEEN EACH HYDRONIC ZONE DP TRANSMITTER AND CONTROL PANEL. CABLE MUST BE AT MINIMUM 22 GAUGE, SHIELDED PAIR WIRE.
3. CONTRACTOR SHALL INSTALL ELECTRICAL POWER LEADS BETWEEN EACH VARIABLE FREQUENCY DRIVE AND EACH PUMP.
4. TWO-POSITION (OPEN/CLOSED) ELECTRICAL ACTUATED VALVE SHALL BE FURNISHED BY THE TEMPERATURE CONTROLS CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
5. REFER TO SEQUENCE OF OPERATIONS FOR HVAC CONTROLS FOR SYSTEM REQUIREMENTS AND INPUTS/OUTPUTS FOR EACH COMPONENT.
6. MODULATING BYPASS VALVE TO MAINTAIN MINIMUM FLOW TO PUMPS, FURNISHED BY TEMPERATURE CONTROLS CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.



GLYCOL NOTE:
SEE SPECIFICATIONS FOR INSTALLING A PROPYLENE GLYCOL SOLUTION TO THE HVAC PIPING SYSTEM.

MECHANICAL PLATFORM PIPING DIAGRAM

NO SCALE

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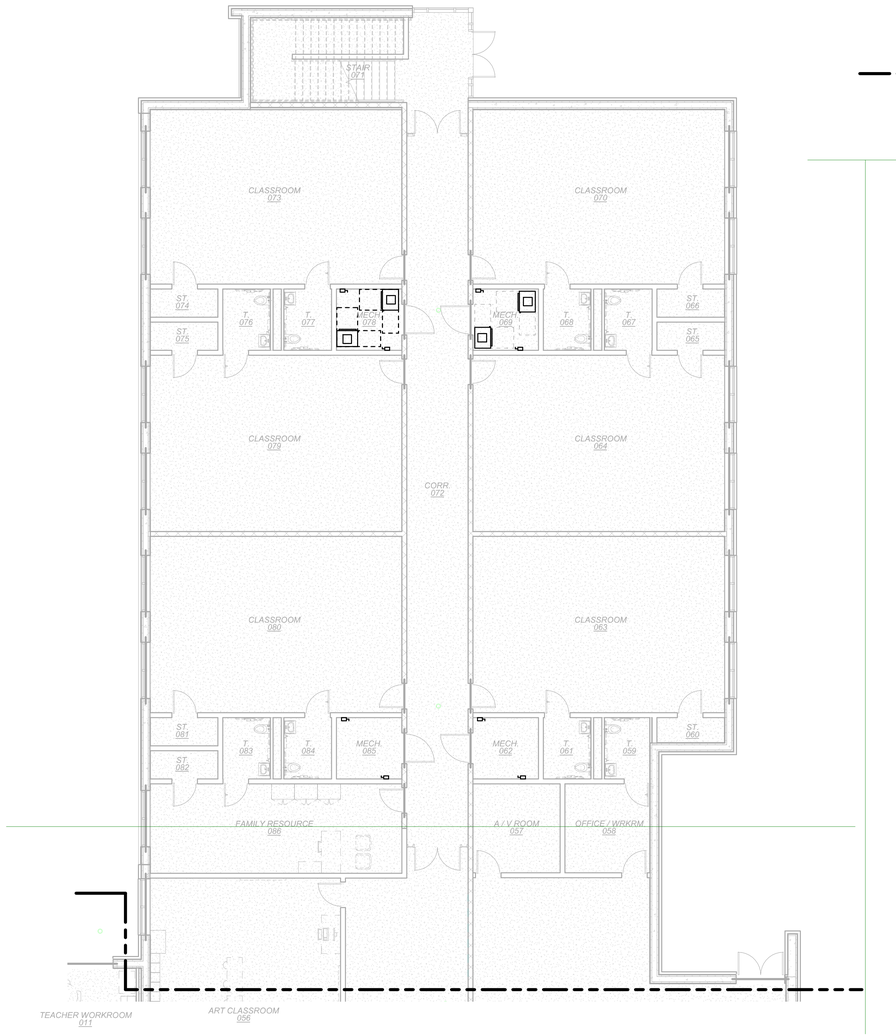
ELECTRICAL CONSTRUCTION TAG NOTES

(1) (APPLIES TO THIS DRAWING ONLY)

ELECTRICAL SPECIAL SYSTEMS OUTLINE (DDP)

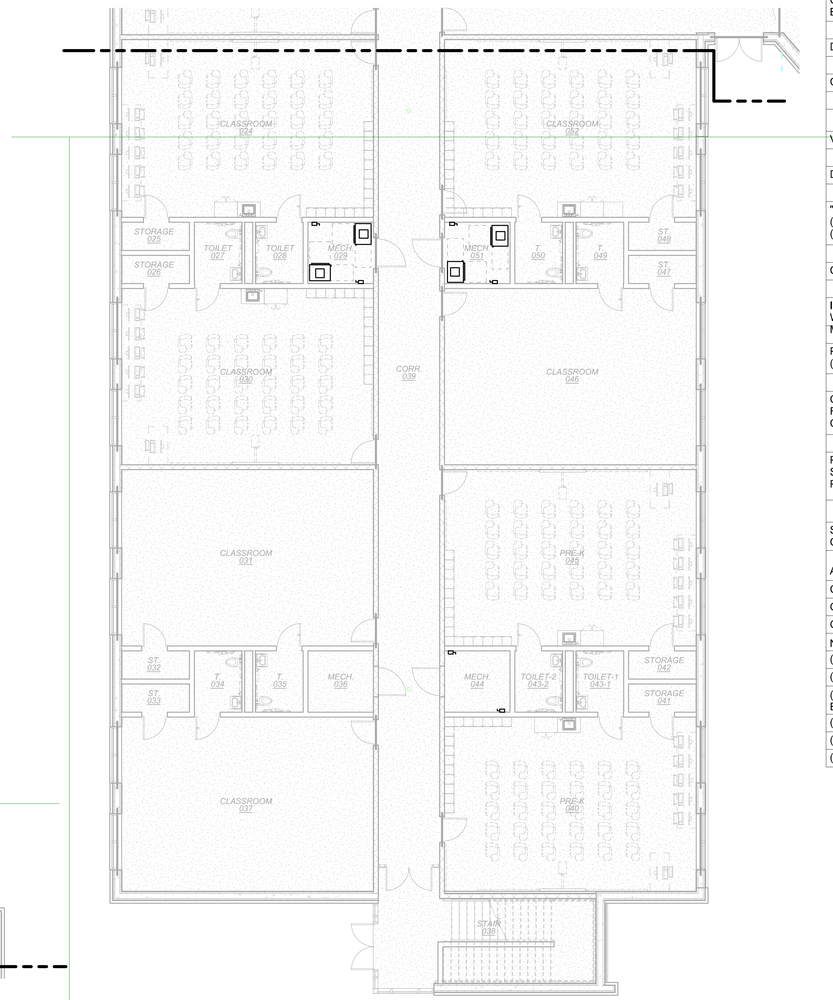
CONTRACT SYSTEM DESCRIPTION	RACEWAY/BOXES WITH PULL STRING	CABLING INFRASTRUCTURE	DISTRIBUTION EQUIPMENT
GENERAL BUILDING OPERATIONAL SYSTEMS			
ADDRESSIBLE FIRE ALARM SYSTEM	CFCI	CFCI	CFCI
STANDBY EMERGENCY GENERATOR SYSTEM FOR EMERGENCY LIGHTING, FIRE ALARM, COOLER/FREEZER, ELEVATOR, STORM SHELTER, MDF, IDFS	CFCI	CFCI	CFCI
UPS BACKUP POWER FOR NETWORK RACKS	CFCI	CFCI	OFCI
AUTOMATED LIGHTING CONTROLS - LOCALIZED AREAS - OCCUPANCY SENSOR BASED	CFCI	CFCI	CFCI
AUTOMATED LIGHTING CONTROLS - CENTRALIZED RELAY CONTROL PANEL BASED FOR COMMONS AREAS	CFCI	CFCI	CFCI
DOOR ACCESS CONTROLS AND HARDWARE	CFCI	CFCI	OFCI (6)
CCTV SECURITY IP SYSTEM	CFCI	CFCI	OFCI
INFORMATION AND TECHNOLOGY SYSTEMS			
VOICE SYSTEM (VOIP) - CAT 6	CFCI	CFCI	CFCI (3)
DATA SYSTEM (TRADITIONAL) - CAT 6	CFCI	CFCI	CFCI (3)
"WAP (WIRELESS ACCESS POINT) - CAT 6 (POE) (ONE OR TWO DATA PER WAP?)"	CFCI	CFCI	OFCI
CABLE TRAY SYSTEM	N/A	N/A	CFCI
INTERACTIVE SHORT THROW WALL MOUNTED PROJECTORS	CFCI	CFCI	OFCI
PROJECTOR ARM BRACKET/WALL PLATE (WALL MOUNTED PROJECTORS ONLY)	N/A	N/A	OFCI (1)(5)
CEILING MOUNTED PROJECTORS - LARGE FORMAT (CAFETERIA - GYMNASIUM - MEDIA CENTER)	CFCI	CFCI	OFCI
PROJECTOR CEILING PLATES AND SUPPORTS (CEILING MOUNTED PROJECTORS ONLY)	N/A	N/A	OFCI (1)(5)
PERFORMANCE SYSTEMS			
SELF-CONTAINED LOCALIZED PA SYSTEM - CAFETERIA & GYMNASIUM/STAGE	CFCI	CFCI	CFCI
ABBREVIATION - DESCRIPTION:			
CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED - PER SPECIFICATIONS.			
OFCI - OWNER FURNISHED, CONTRACTOR INSTALLED - PER SPECIFICATIONS.			
OFOI - OWNER FURNISHED, OWNER INSTALLED.			
NIC - NOT IN CONTRACT.			
(1) - INTERFACE OF "OFOI" ITEM TO "CFCI" EQUIPMENT - CONTRACTOR TO COORDINATE			
(2) - "OFOI" ITEM MOUNTED ON "OFCI" BRACKET/SUPPORT SYSTEM - CONTRACTOR TO COORDINATE.			
(3) - LIMITED TO CONNECTIVITY FOR EQUIPMENT RACKS AND PATCH PANELS. SWITCHES, ROUTERS, ELECTRONICS AND ETC. BY OWNER.			
(4) - LIMITED TO CABLE TERMINATIONS IN OUTLET BOX ABOVE CEILING - TRANSMITTER/HUM BY OWNER.			
(5) - INCLUDES HDMI OR CAT 6 CABLING FROM PROJECTOR TO PRESENTATION WORKSTATOIN.			
(6) - REFER TO ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS.			



PROJECT NORTH

FLOOR PLAN - AREA B

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



PROJECT NORTH

FLOOR PLAN - AREA A

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

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MARCUM ENGINEERING, LLC
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PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
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HOPKINS COUNTY

ELECTRICAL FIRST FLOOR PLAN - AREAS A AND B

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E1.1

ELECTRICAL CONSTRUCTION TAG NOTES

(1) (APPLIES TO THIS DRAWING ONLY)

PROJECT NORTH

FLOOR PLAN - AREA C

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

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E1.2

ELECTRICAL CONSTRUCTION TAG NOTES

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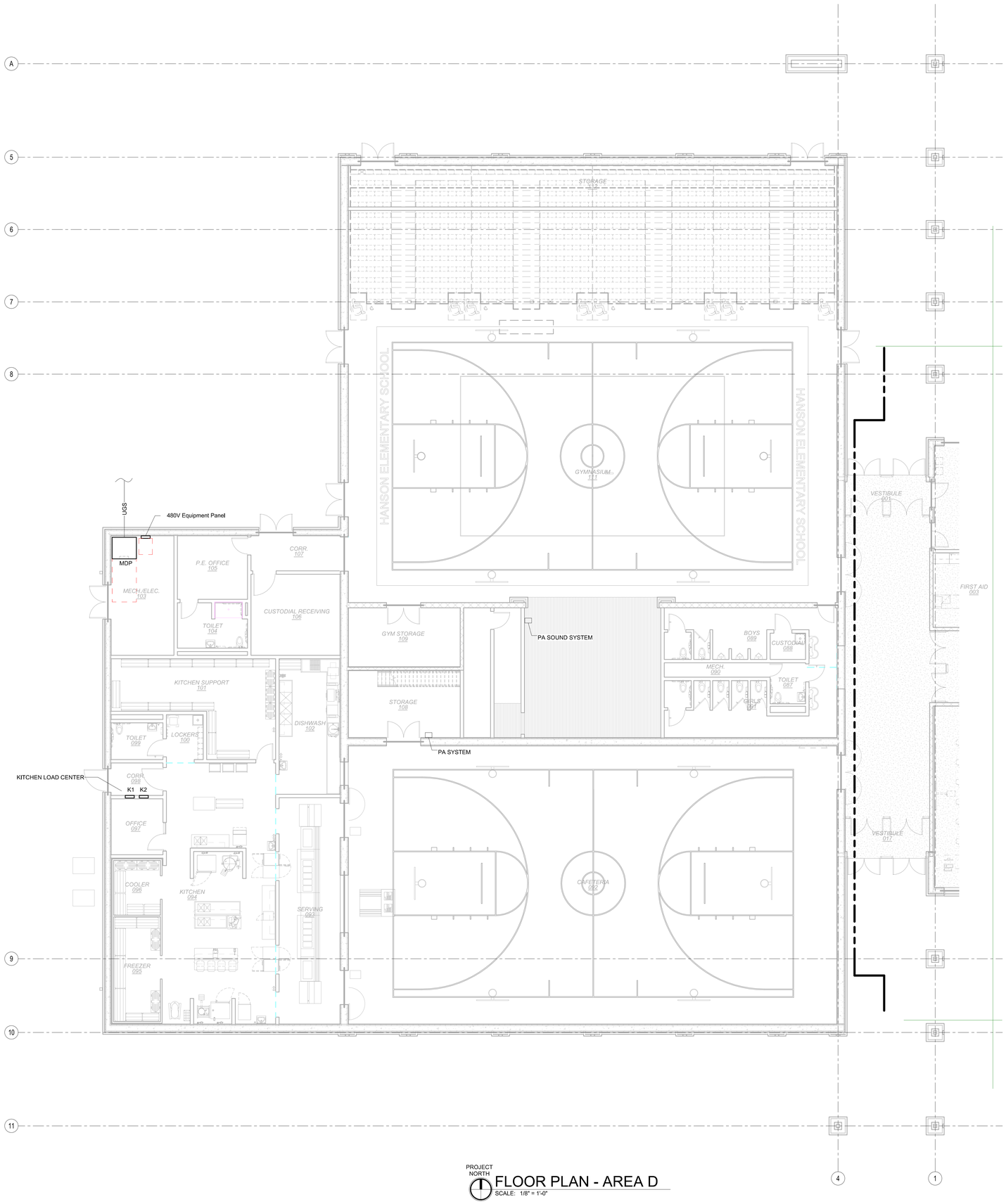

PROJECT NORTH

FLOOR PLAN - AREA D

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

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ELECTRICAL FIRST FLOOR PLAN - AREAS D

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E1.3

ELECTRICAL CONSTRUCTION TAG NOTES

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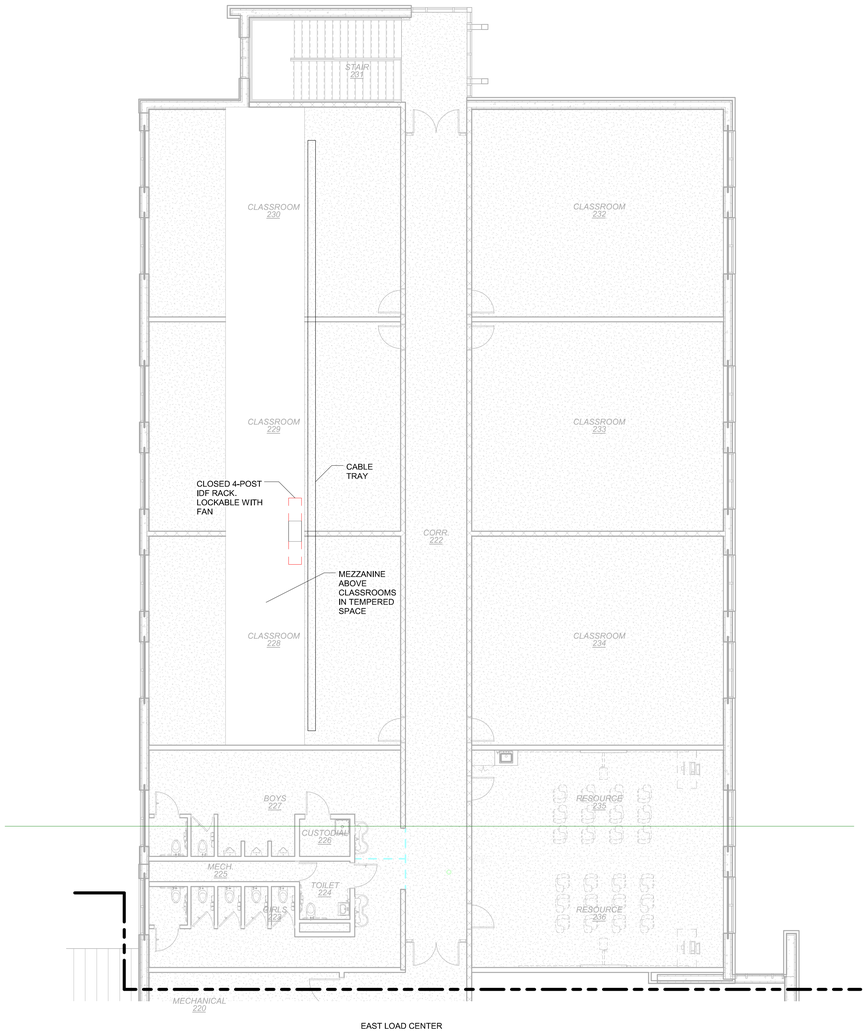
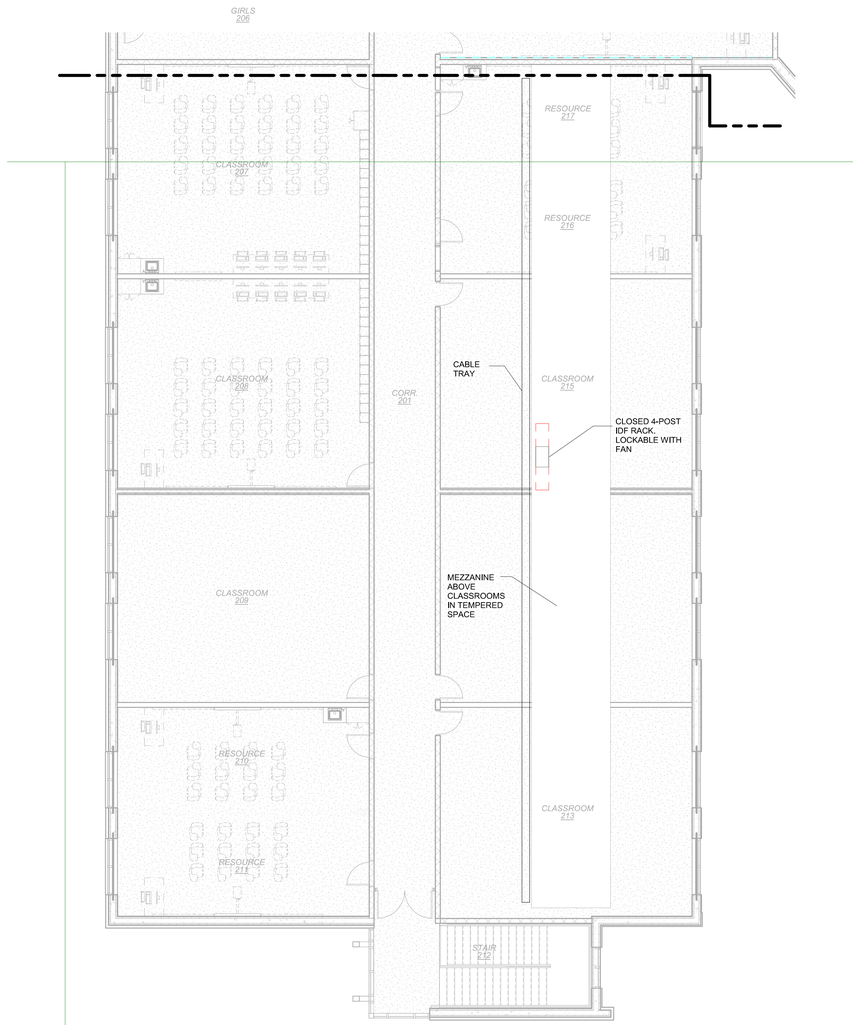


EAST LOAD CENTER

PROJECT NORTH

FLOOR PLAN - AREA B

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



PROJECT NORTH

FLOOR PLAN - AREA A

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

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PADUCAH, KENTUCKY 42002
PHONE - 270.444.9274
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ELECTRICAL SECOND FLOOR PLAN - AREAS A AND B

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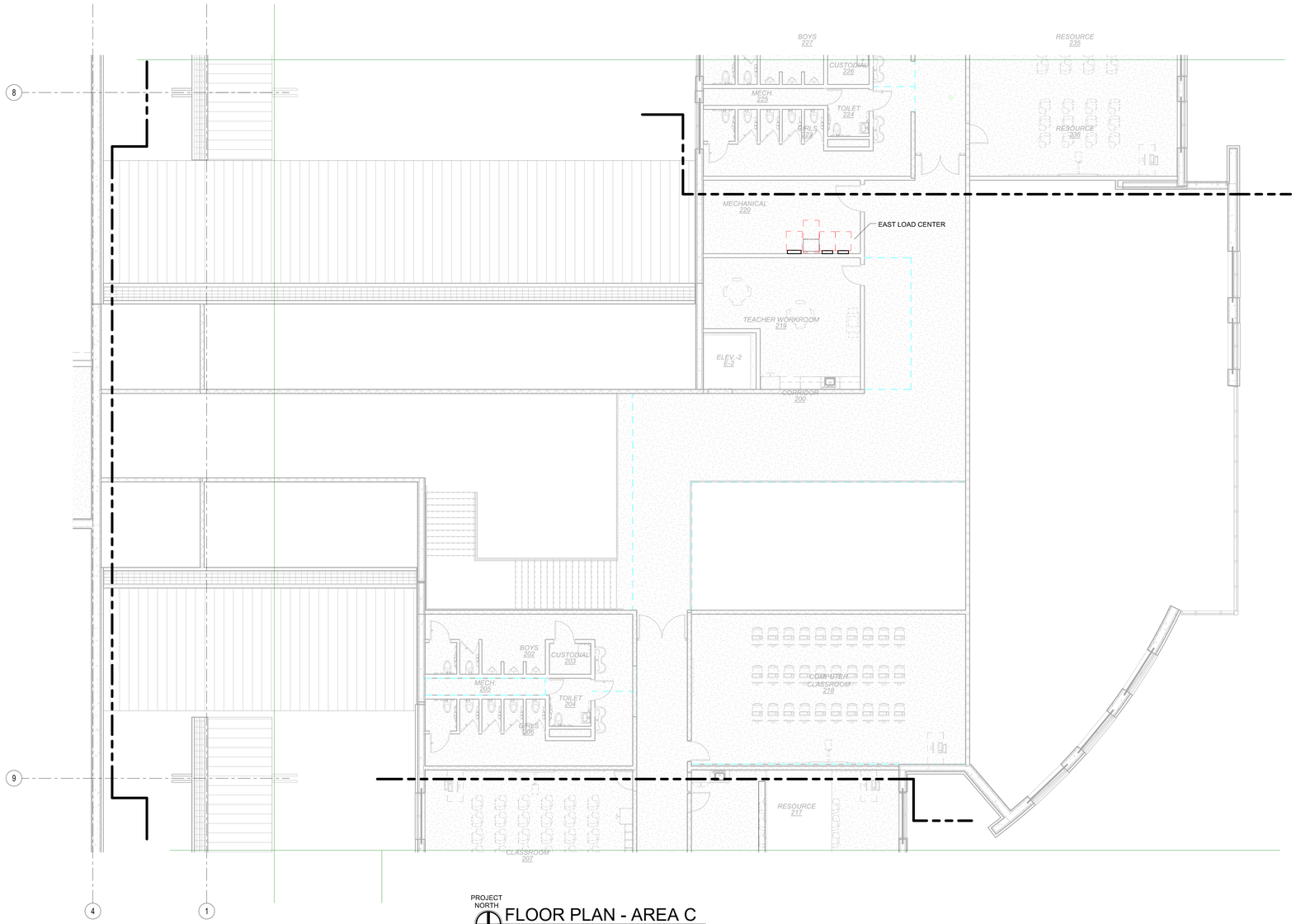
E2.1

ELECTRICAL CONSTRUCTION TAG NOTES

(1) (APPLIES TO THIS DRAWING ONLY)



PROJECT NORTH

FLOOR PLAN - AREA C

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

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ELECTRICAL SECOND FLOOR PLAN - AREAS C

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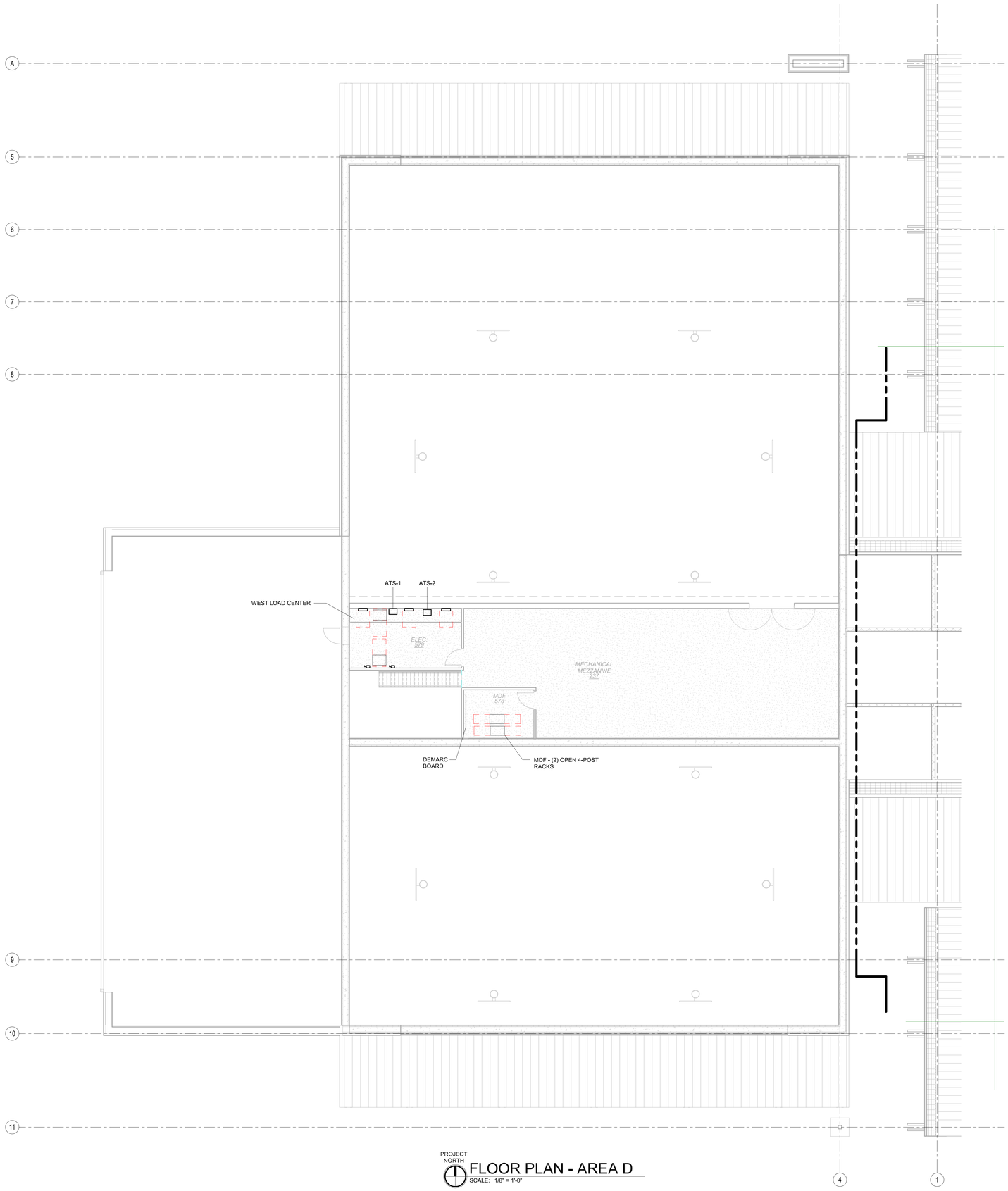
E2.2

ELECTRICAL CONSTRUCTION TAG NOTES

(1) (APPLIES TO THIS DRAWING ONLY)



PROJECT NORTH

FLOOR PLAN - AREA D

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

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ELECTRICAL SECOND FLOOR PLAN - AREAS D

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ELECTRICAL FEEDER SCHEDULE (CU)

-W-G — FEEDER CODE SYMBOL - REFER TO FEEDER DIAGRAM

FEEDER CODE	CONDUIT/WIRE DESCRIPTION	TEMP RATING	FEEDER CODE	CONDUIT/WIRE DESCRIPTION	TEMP RATING	FEEDER CODE	CONDUIT/WIRE DESCRIPTION	TEMP RATING
*20-2W-G	1/2"C-3#12	*60°C	200-3W	2-1/2"C-3#3/0	75°C	800-4W	(2) SETS EA OF 4"C-4#600MCM	75°C
*20-3W-G	1/2"C-4#12		200-4W	2-1/2"C-4#3/0		800-3W-G	(2) SETS EA OF 4"C-3#600MCM, #1/0 GND	
*30-2W-G	1/2"C-3#10		200-3W-G	2-1/2"C-3#3/0, #6 GND		800-4W-G	(2) SETS EA OF 4"C-4#600MCM, #1/0 GND	
*30-3W-G	1/2"C-4#10		200-4W-G	2-1/2"C-4#3/0, #6 GND		1000-4W	(3) SETS EA OF 3"C-4#400MCM	
*30-4W-G	1/2"C-4#10, #10 GND		225-3W	2-1/2"C-3#4/0,		1000-3W-G	(3) SETS EA OF 3"C-3#400MCM, #2/0 GND	
*40-2W-G	1/2"C-2#8, #10 GND		225-4W	2-1/2"C-4#4/0,		1000-4W-G	(3) SETS EA OF 3"C-4#400MCM, #2/0 GND	
*40-3W-G	3/4"C-3#8, #10 GND		225-3W-G	2-1/2"C-3#4/0, #4 GND		1200-4W	(3) SETS EA OF 4"C-4#600MCM	
*40-4W-G	3/4"C-4#8, #10 GND		225-4W-G	2-1/2"C-4#4/0, #4 GND		1200-3W-G	(3) SETS EA OF 4"C-3#600MCM, #3/0 GND	
*50-2W-G	3/4"C-2#6, #10 GND		250-4W	3"C-4#250MCM		1200-4W-G	(3) SETS EA OF 4"C-4#600MCM, #3/0 GND	
*50-3W-G	3/4"C-3#6, #10 GND		250-3W-G	3"C-3#250MCM, #4 GND		1600-4W	(4) SETS EA OF 4"C-4#600MCM	
*50-4W-G	1"C-4#6, #10 GND		250-4W-G	3"C-4#250MCM, #4 GND		1600-3W-G	(4) SETS EA OF 4"C-3#600MCM, #4/0 GND	
*60-2W-G	1"C-2#4, #8 GND		300-3W-G	3"C-3#350MCM, #4 GND		1600-4W-G	(4) SETS EA OF 4"C-4#600MCM, #4/0 GND	
*60-3W-G	1"C-3#4, #8 GND		300-4W-G	3"C-4#350MCM, #4 GND		2000-4W	(5) SETS EA OF 4"C-4#600MCM	
*60-4W-G	1"C-4#4, #8 GND		400-3W	4"C-3#600MCM		2000-3W-G	(5) SETS EA OF 4"C-3#600MCM, #250 MCM GND	
*80-2W-G	1"C-2#3, #8 GND		400-3W-G	4"C-3#600MCM, #3 GND		2000-4W-G	(5) SETS EA OF 4"C-4#600MCM, #250 MCM GND	
*80-3W-G	1-1/4"C-3#3, #8 GND		400-4W	4"C-4#600MCM		2500-4W	(7) SETS EA OF 4"C-4#600MCM	
*80-4W-G	1-1/4"C-4#3, #8 GND		400-4W-G	4"C-4#600MCM, #3 GND		2500-3W-G	(7) SETS EA OF 4"C-3#600MCM, #350 MCM GND	
*100-3W	1-1/2"C-3#1		500-3W-G	(2) SETS EA OF 3"C-3#250MCM, #2 GND		2500-4W-G	(7) SETS EA OF 4"C-4#600MCM, #350 MCM GND	
*100-4W	1-1/2"C-4#1		500-4W	(2) SETS EA OF 3"C-4#250MCM		3000-4W	(8) SETS EA OF 4"C-4#600MCM	
*100-3W-G	1-1/2"C-3#1, #6 GND		500-4W-G	(2) SETS EA OF 3"C-4#250MCM, #2 GND		3000-3W-G	(8) SETS EA OF 4"C-3#600MCM, #400 MCM GND	
*100-4W-G	1-1/2"C-4#1, #6 GND	"	600-3W-G	(2) SETS EA OF 3-1/2"C-3#350MCM, #1 GND		3000-4W-G	(8) SETS EA OF 4"C-4#600MCM, #400 MCM GND	
125-3W-G	1-1/2"C-3#1, #6 GND	75°C	600-4W	(2) SETS EA OF 3-1/2"C-4#350MCM		4000-4W	(10) SETS EA OF 4"C-4#600MCM	
125-4W-G	1-1/2"C-4#1, #6 GND		600-4W-G	(2) SETS EA OF 3-1/2"C-4#350MCM, #1 GND		4000-3W-G	(10) SETS EA OF 4"C-3#600MCM, #500 MCM GND	
150-3W-G	1-1/2"C-3#1/0, #6 GND		700-4W	(2) SETS EA OF 4"C-4#500MCM		4000-4W-G	(10) SETS EA OF 4"C-4#600MCM, #500 MCM GND	"
150-4W-G	1-1/2"C-4#1/0, #6 GND		700-3W-G	(2) SETS EA OF 4"C-3#500MCM, #1 GND				
175-3W-G	2"C-3#2/0, #6 GND		700-4W-G	(2) SETS EA OF 4"C-4#500MCM, #1 GND	"			
175-4W-G	2"C-4#2/0, #6 GND	"						

* EQUIPMENT PROVISIONS FOR ELECTRICAL CONNECTIONS - TEMPERATURE LIMITIONS SHALL COMPLY WITH NEC ARTICLE 110.14 FOR CIRCUITS RATED 100A OR LESS. WIRE SIZES ARE BASED ON TYPE "THHN" COPPER CONDUCTORS, WITH NOT MORE THAN THREE CURRENT CARRYING CONDUCTORS IN RACEWAY - DERATE PER TABLE 310.15 AS APPLICABLE.

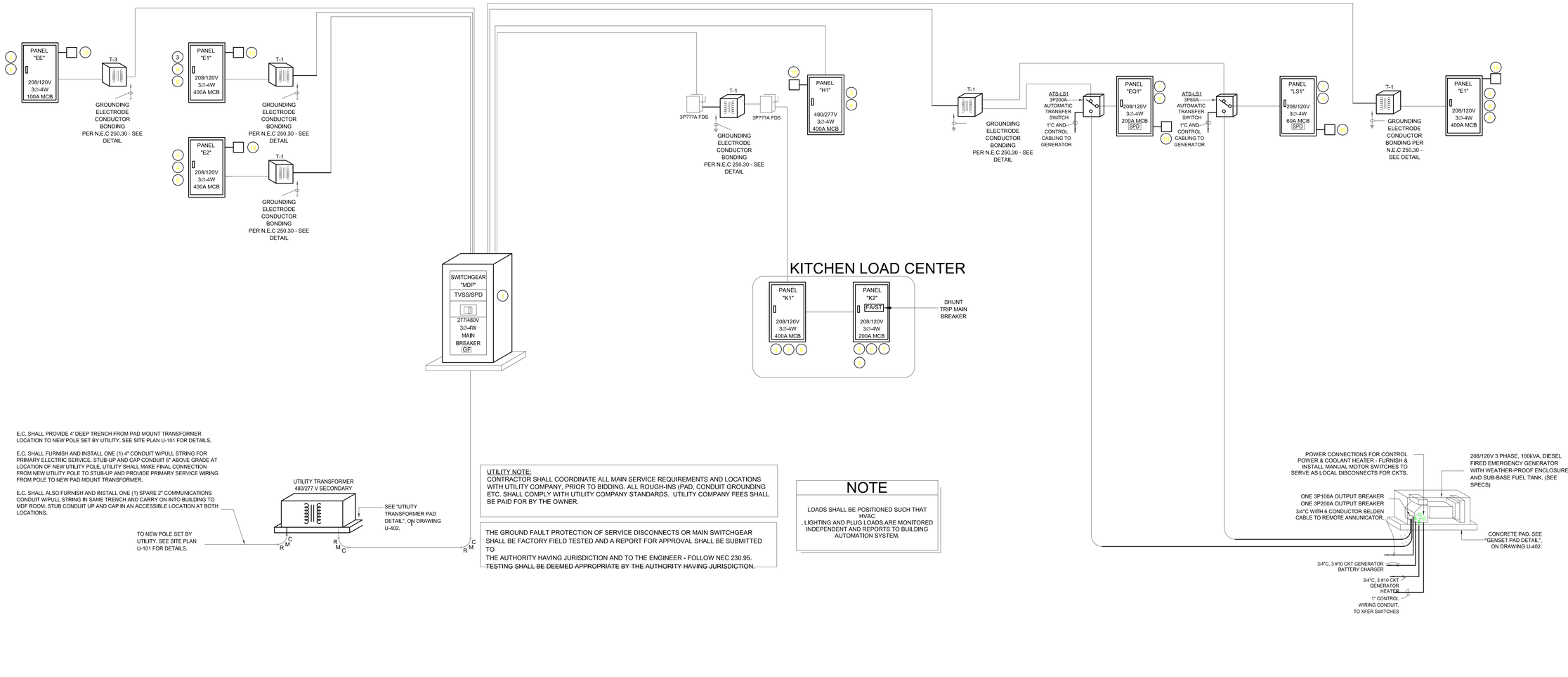
TAG:	XFMR "T-1" (NEMA 1)
480V, 3-PHASE, DELTA PRIMARY	
208/120V, 3-PHASE, WYE SECONDARY	
112.5 KVA	
(SEE SPECIFICATIONS)	

TAG:	XFMR "T-2" (NEMA 1)
480V, 3-PHASE, DELTA PRIMARY	
208/120V, 3-PHASE, WYE SECONDARY	
75 KVA	
(SEE SPECIFICATIONS)	

TAG:	XFMR "T-3" (NEMA 1)
480V, 3-PHASE, DELTA PRIMARY	
208/120V, 3-PHASE, WYE SECONDARY	
30 KVA	
(SEE SPECIFICATIONS)	

CONSTRUCTION TAG NOTES
(APPLIES TO THIS DRAWING ONLY)

1	PANEL WITH INTERNAL SURGE PROTECTIVE DEVICE DIRECTLY CONNECTED TO PANEL BOARD BUSBAR ASSEMBLY, RATINGS PER SPECIFICATIONS - EXTERNAL ADD ON UNITS WILL NOT BE ACCEPTABLE.
2	CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT SHUNT TRIP BREAKER.
3	THEATRICAL DIMMING RACKS AND/OR EQUIPMENT - SEE LIGHTING SYSTEM DETAILS. RACK SHALL HAVE MAIN BREAKER.
4	ALL BRANCH CIRCUITRY ASSOCIATED WITH PANEL SHALL HAVE DEDICATED NEUTRAL CONDUCTOR PER CIRCUIT - DO NOT SHARE NEUTRALS.
5	54 CIRCUIT PANEL ASSEMBLIES SHALL BE A SINGLE COMPARTMENT CONFIGURATION - TWINNED UNITS SHALL NOT BE ACCEPTABLE, DUE TO SPACE CONSTRAINTS.
6	PANEL SHALL HAVE SHUNT TRIP MAIN CIRCUIT BREAKER - INTERLOCK WITH ANCILLARY SYSTEM AS INDICATED.
7	ALL FLUSH PANEL ASSEMBLIES SHALL HAVE A MINIMUM OF (4) SPARE 1" CONDUITS STUBBED OUT INTO CEILING SPACE AND CAPPED FOR FUTURE USE.
8	PANEL SHALL BE SUPPLIED WITH FLUSH MOUNTED STAINLESS STEEL COVER
9	PANEL REQUIRES FEED THROUGH LUG, (FTL).
10	COORDINATION WITH TEMPERATURE CONTROL CONTRACTOR, RECEIVE AND INSTALL "ELECTRICAL ENERGY MONITORING" EQUIPMENT, COORDINATE WITH PANEL/GEAR MANUFACTURER FOR REQUIRED SPACE FOR INSTALLATION OF C/T'S.



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MARCUM ENGINEERING, LLC
500 SOUTH 17TH STREET
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ELECTRICAL RISER DIAGRAM

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No.	Description	Date

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E3.1