

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

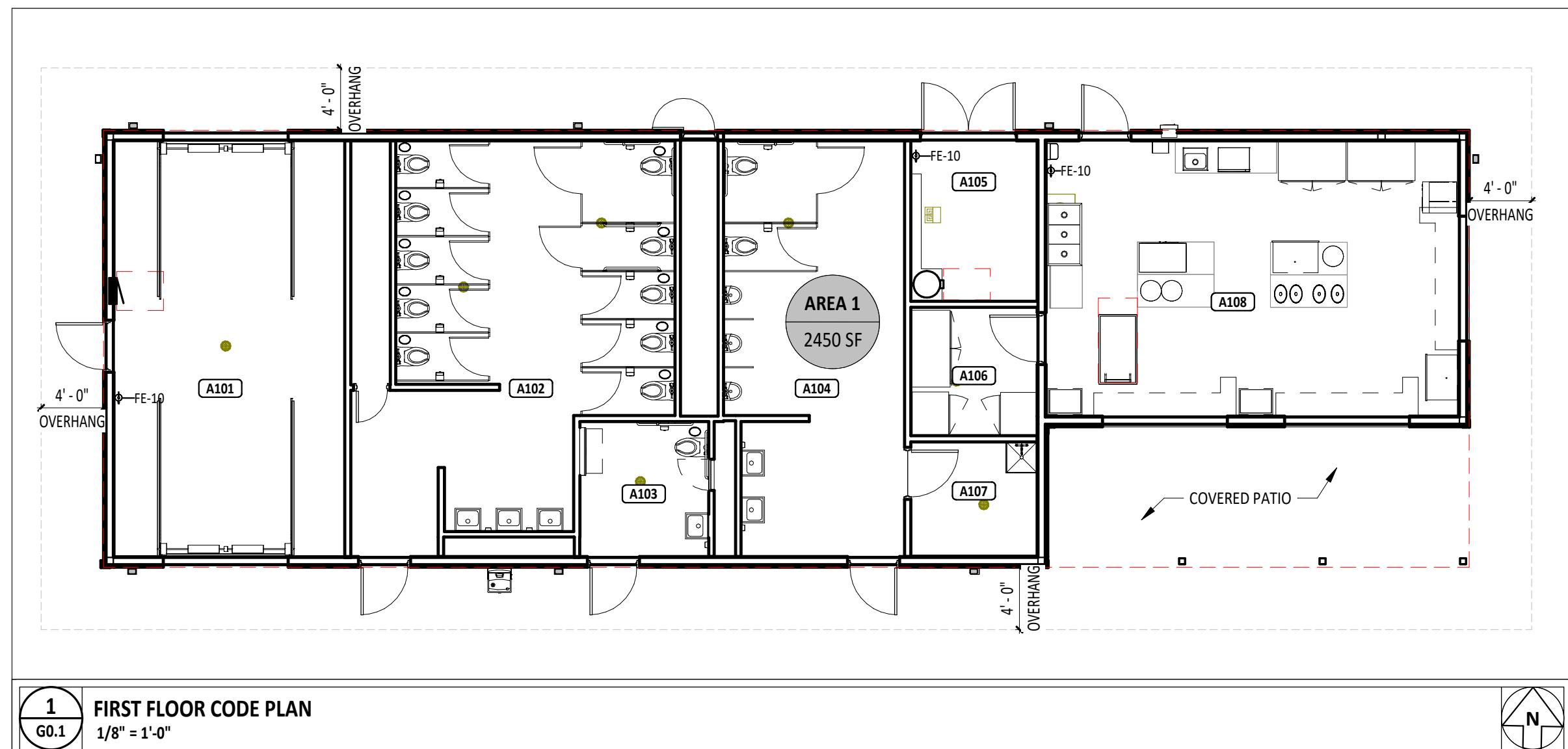
CONSTRUCTION DOCUMENTS

01/06/2026

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C1.2	SITE GRADING PLAN
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C3.2	STORM WATER POLLUTION PREVENTION PLAN
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(CONCEPTUAL RENDERING)

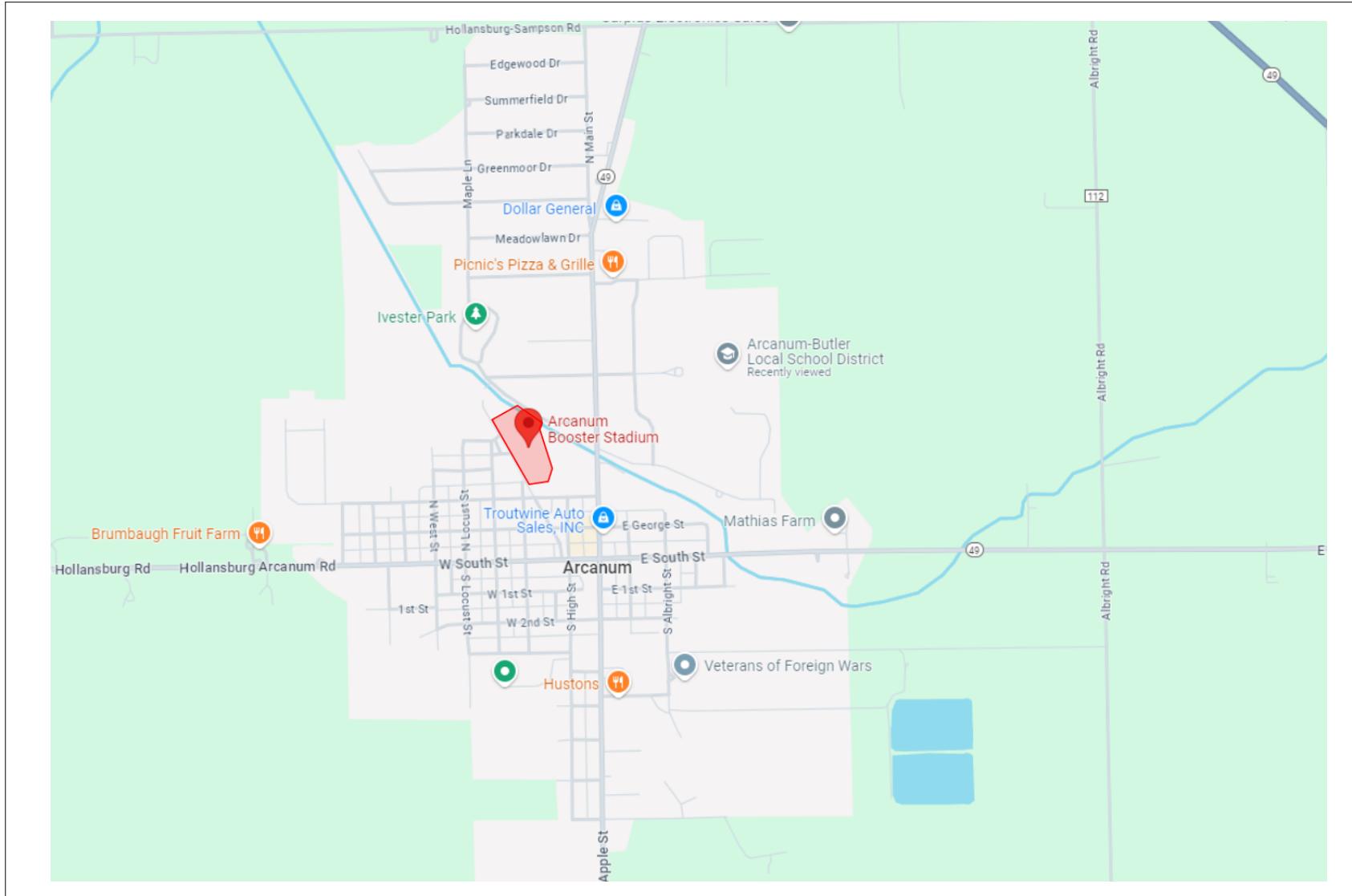


1 FIRST FLOOR CODE PLAN
G0.1 1/8" = 1'-0"

CONCESSION/RESTROOM/STORAGE BUILDING	
OCCUPANCY / USE GROUP:	A-5/S-1 (NON-SEPARATED MIXED-USE)
CONSTRUCTION TYPE:	TYPE V-B
ALLOWABLE AREA (TABLE S06.2):	9,000 SF
AUTOMATIC SPRINKLER AREA INCREASE (TABLE S06.3) (200%):	NOT APPLICABLE
BUILDING FRONTAGE AREA INCREASE (TABLE S06.3):	9,000 SF
ACTUAL BUILDING AREA:	SEE SCHEDULE

CODE INFORMATION	
BUILDING DESCRIPTION:	NEW CONCESSION STAND, RESTROOM, AND STORAGE BUILDING AT THE FOOTBALL AND TRACK & FIELD STADIUM.
APPLICABLE CODE:	2024 OHIO BUILDING CODE (OBC)
OCCUPANT LOAD:	1,500 OCCUPANTS
DESIGN UNIFORM LOAD:	SEE STRUCTURAL SHEETS

PLUMBING FIXTURE COUNT	
1,500 OCCUPANTS	
FIXTURES REQUIRED	
750 / 75 = 10 WATER CLOSET(S) - MALE	10 / 2 = 5
750 / 40 = 19 WATER CLOSET(S) - FEMALE	10 / 2 = 10
750 / 200 = 4 LAVATORY(IES) - MALE	4 / 2 = 2
750 / 150 = 5 LAVATORY(IES) - FEMALE	5 / 2 = 3
750 / 1000 = 1 DRINKING FOUNTAIN(S)	2 / 2 = 1
1 SERVICE SINK(S)	
ACTIONAL PROVIDED	
2 WATER CLOSET(S) - MALE	
3 URINAL(S) - MALE	
2 LAVATORY(IES) - MALE	
10 WATER CLOSET(S) - FEMALE	
3 LAVATORY(IES) - FEMALE	
2 DRINKING FOUNTAIN(S)	
1 SERVICE SINK(S)	
1 UNISEX TOILET ROOMS (WC AND LAVATORY)	
CODE PLAN LEGEND	
XX - OCCUPANT LOAD THROUGH EXIT	
XX - CLEAR EXIT WIDTH	
XXX - ALLOWABLE NUMBER OF OCCUPANTS THROUGH EXIT	
OCCUPANCY GROUPS USED	
A ASSEMBLY	
S STORAGE	



CIVIL ENGINEER:

MOTE & ASSOCIATES

 Mote & Associates
Engineering, Land Surveying

214 WEST FOURTH STREET
GREENVILLE, OHIO 45331
PH: (937) 548-7511

STRUCTURAL ENGINEER:

JEZERINAC GEERS & ASSOCIATES, INC.



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PH: (614) 766-0056

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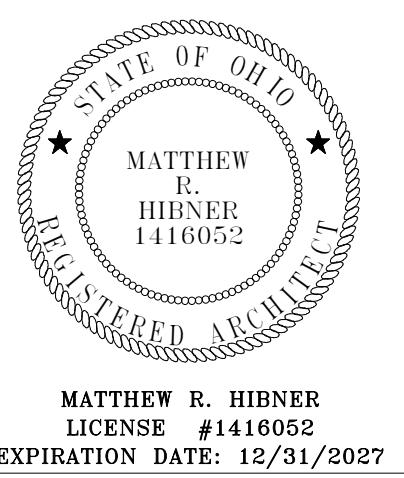
 **GARMANN
MILLER**

38 SOUTH LINCOLN DRIVE
PO BOX 71
MINSTER, OHIO 45865
419.628.4240

1156 DUBLIN ROAD
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275 VETERANS WAY
SUITE 200
CARMEL, INDIANA 46032
317.343.9343

1690 BROADWAY
SUITE 19-455
FORT WAYNE, INDIANA
260.299.4240



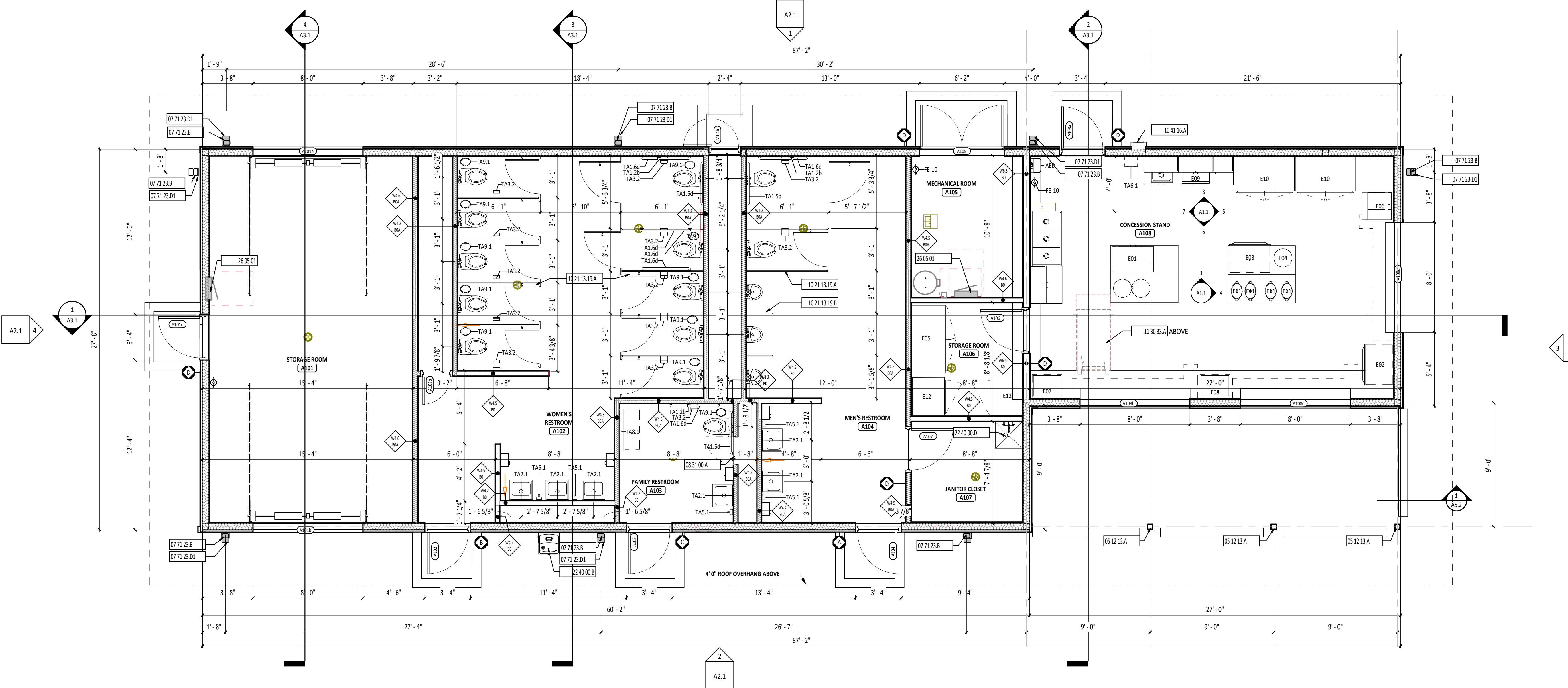
MATTHEW R. HIRNER
LICENSE #4416062
EXPIRATION DATE: 12/31/2027



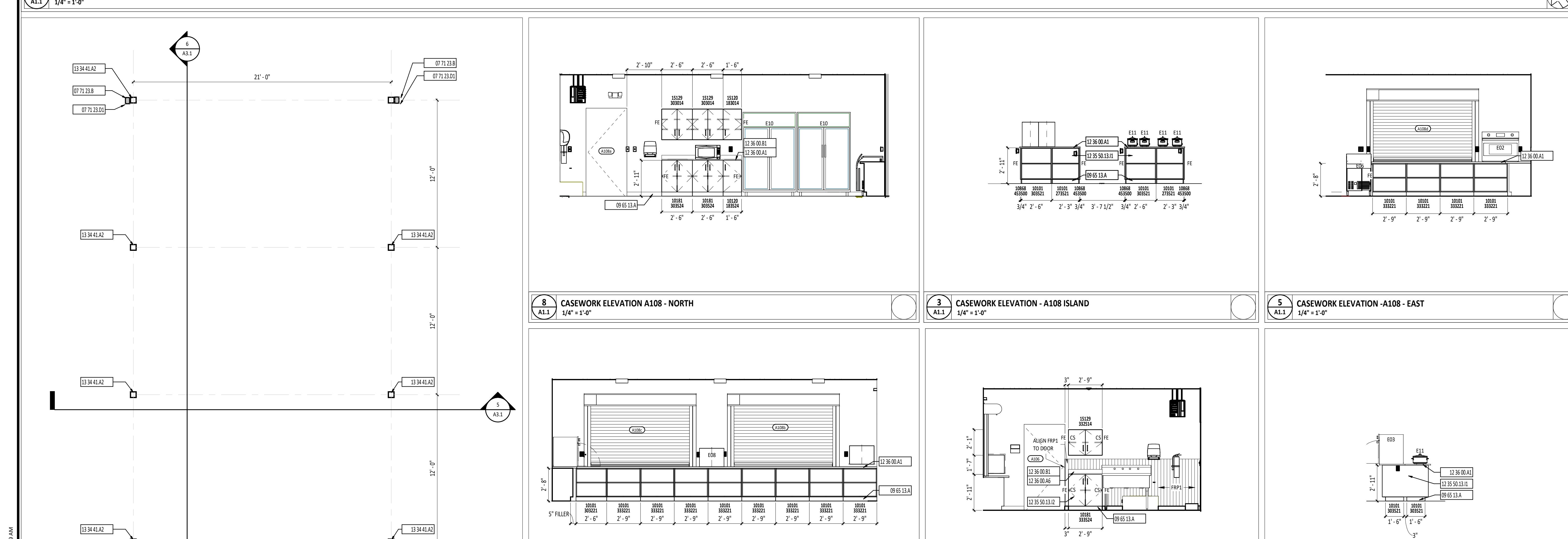
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA

NEW BUILDING #58
310 NORTH MAIN STREET, ARCANUM, OHIO 45304
ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS | 01/06/2026

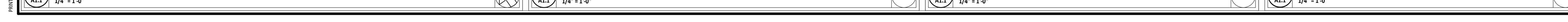
PROJECT NUMBER: 23047.03
DRAWN BY: KMV
CHECKED BY: MRH
SHEET TITLE: COVER SHEET
SHEET NUMBER: G0.1



1 A1.1 FIRST FLOOR PLAN - CONCESSION STAND



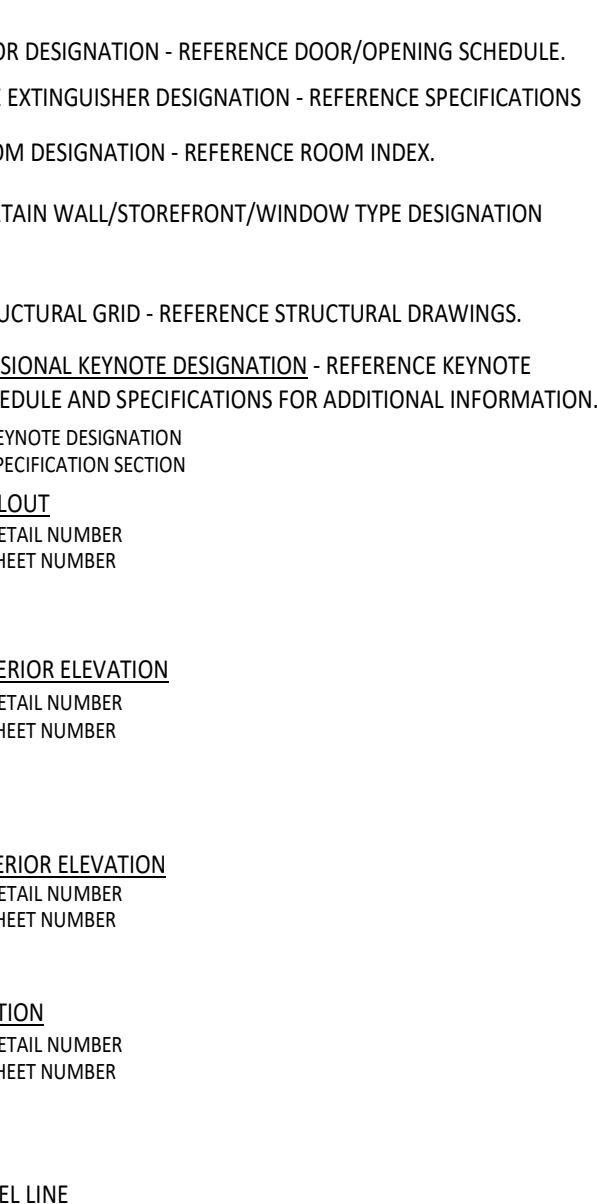
2 A1.1 FIRST FLOOR PLAN - PAVILION



FLOOR PLAN GENERAL NOTES

- A ALL DIMENSIONS ARE MEASURED TO THE FACE OF WOOD STUD UNLESS NOTED OTHERWISE.
- C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EXTERIOR ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.
- E REFERENCE A0.1 FOR WALL TO DECK TERMINATION DETAILS.
- F HINGE SIDE OF DOOR LAMB AT INTERSECTING WALLS TO BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE - REFERENCE FLOOR PLANS.
- G IF WALL TYPE IS NOT IDENTIFIED, WALL IS TO RUN TO BOTTOM OF WOOD TRUSS.

FLOOR PLAN SYMBOLS LEGEND



FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	STORAGE ROOM	394 SF	1
A102	WOMEN'S RESTROOM	431 SF	0
A103	FAMILY RESTROOM	72 SF	0
A104	MEN'S RESTROOM	297 SF	0
A105	MECHANICAL ROOM	83 SF	0
A106	STORAGE ROOM	67 SF	0
A107	JANITOR CLOSET	60 SF	0
A108	CONCESSION STAND	467 SF	5

#	KEYNOTE DESCRIPTION
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 71 23.D1	PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR
08 31 00.A	ACCESS DOOR - MOUNT BOTTOM AT 40" AFF
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
10 21 13.19.A	PLASTIC TOILET COMPARTMENT
10 21 13.19.B	PLASTIC URINAL SCREEN
10 41 16.A	KNOX BOX - TOP TO BE MOUNTED AT 52" AFF
11 30 33.A	RETRACTABLE STAIR - COORDINATE WITH TRUSS MANUFACTURER AND CASEWORK LOCATION
12 35 50.13.I	PLASTIC LAMINATE FINISH TO BE LT1 - REFERENCE FINISH MATERIAL SCHEDULE.
12 35 50.13.O	PLASTIC LAMINATE FINISH TO BE LT2 - REFERENCE FINISH MATERIAL SCHEDULE.
12 36 00.A1	STAINLESS STEEL COUNTERTOP
12 36 00.B1	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE
13 34 41.A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS
22 40 00.D	FLOOR SERVICE SINK - REFERENCE PLUMBING DRAWINGS.
26 05.01	ELECTRICAL PANEL - REFERENCE ELECTRICAL DRAWINGS

EQUIPMENT GENERAL NOTES

- A FOR ALL SINKS LABELED "ADA" REFERENCE SHEET A0.1.
- B RESILIENT BASE ALONG ALL CABINET BASE FRONTS IS TO BE PROVIDED BY SPECIFICATION SECTION 09 65 13.
- C ALL OPENINGS IN CASEWORK AND COUNTERTOPS TO BE CUT BY CASEWORK CONTRACTOR ONLY.
- D REFERENCE FINISH MATERIAL SCHEDULE FOR LAMINATE COLOR SELECTIONS.
- E PROVIDE 36" MAXIMUM GROMMET SPACING AT KNEE SPACE - GROMMET LOCATIONS TO BE IDENTIFIED IN SHOP DRAWINGS.

TOILET ACCESSORY SCHEDULE		
MARK	DESCRIPTION	NOTES
TA1.2b	GRAB BAR - SURFACE MOUNT - VERTICAL - 18" LENGTH - 39" AFF TO BOTTOM OF THE BAR	1
TA1.5d	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 36" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	1
TA1.6d	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 42" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	1
TA2.1	18" X 24" MIRROR - 40" AFF TO BOTTOM EDGE OF MIRROR	1
TA2.3	TOILET PAPER DISPENSER - SURFACE MOUNT - 18" AFF TO BOTTOM	1
TA5.1	SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION	1
TA6.1	PAPER TOWEL DISPENSER - SURFACE MOUNT - ROLL TOWELS - 40" AFF TO OPERATION	1
TA8.1	BABY CHANGING STATION - SURFACE MOUNT - 34" AFF TO CHANGING BED	1
TA9.1	SMALL TRASH RECEPTACLE	2

NOTES:
1. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
2. OWNER FURNISHED, OWNER INSTALLED

RESTROOM ENLARGEMENT GENERAL NOTES

- A TA = TOILET ACCESSORIES.
- B REFERENCE SPECIFICATION SECTION 10 28 00 FOR TOILET ACCESSORIES.
- D FOR TYPICAL MOUNTING HEIGHTS REFERENCE MOUNTING HEIGHT DETAILS ON SHEET A0.1.
- E CONTRACTOR TO COORDINATE THE SIZE(S) OF THE ACCESSORIES SUPPLIED BY THE OWNER PRIOR TO INSTALLATION FOR ACCURATE PLACEMENT LOCATIONS.
- F FE/FEC = FIRE EXTINGUISHER AND OR CABINET - REFERENCE SCHEDULES ON FLOOR PLAN SHEETS.



ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	01/06/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	KMV	CWS

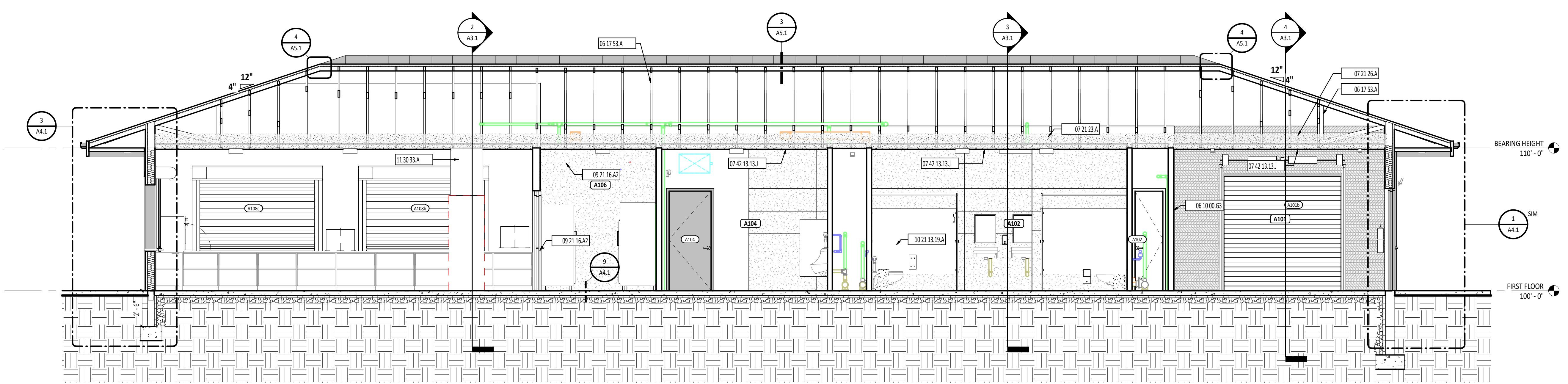
SHEET TITLE:	
FIRST FLOOR PLAN	A1.1



MATTHEW E. HIRNER

LICENSE #4410052

EXPIRATION DATE: 12/31/2027

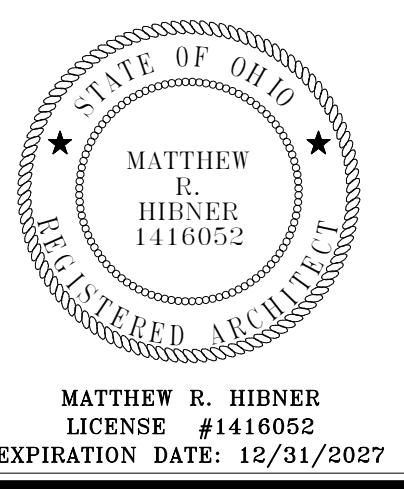


1 BUILDING SECTION
A3.1
1/4" = 1'-0"

#	KEYNOTE DESCRIPTION
06 10 00.G3	1/2" PLYWOOD
06 17 53.A	SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS.
07 21 16.A1	THERMAL BATT INSULATION - FULL CAVITY THICKNESS
07 21 23.A	LOOSE-FILL INSULATION
07 21 26.A	BLOWN INSULATION
07 42 13.18.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42 13.18.B2	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 2
07 42 13.13.E	OUTSIDE CORNER TRIM - PROVIDED BY FORMED METAL PANEL MANUFACTURER - COLOR 2
07 42 13.13.I	3/4" PERFORATED METAL LINER PANEL APPLIED TO 5/8" GYP. WALL BOARD - GYP. TRIM AND FLASHING AS REQUIRED - TURN UP END.
07 61 00.B	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES.
07 62 00.A	TRIM AND FLASHING AS REQUIRED - TURN UP END.
07 71 00.A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
07 71 23.B	PREFINISHED METAL DOWNSPOUT
09 21 16.A2	5/8" GYPSUM WALLBOARD
10 21 13.19.A	PLASTIC TOILET COMPARTMENT
11 30 33.A	RETRACTABLE STAIR - COORDINATE WITH TRUSS MANUFACTURER AND CASEWORK LOCATION
13 34 41.A1	GLUE LAMINATED PITCH AND CAMBER BEAM - DOUGLAS FIR PRESERVATIVE TREATED - PROVIDED BY PAVILION MANUFACTURER
13 34 41.A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
13 34 41.A3	3X6 TONGUE AND GROOVE ROOF DECKING - DOUGLAS FIR - PRESERVATIVE TREATED - PROVIDED BY PAVILION MANUFACTURER
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS
26 05 01	ELECTRICAL PANEL - REFERENCE ELECTRICAL DRAWINGS
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.
32 13.13.A	EXTERIOR CONCRETE SLAB-ON-GRADE - REFERENCE CIVIL/SITE DRAWINGS.

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA
creativgmi.com

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS



Matthew E. Hirner
LICENSURE #4418052
EXPIRATION DATE: 12/31/2027

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

BUILDING SECTION SYMBOLS LEGEND	
XXXX	DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
A010	ROOM DESIGNATION - REFERENCE ROOM INDEX.
W	CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION.
LEVEL ELEVATION	LEVEL LINE
STRUCTURAL GRID	REFERENCE STRUCTURAL DRAWINGS.
XX XX XX.X	DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
X	KEYNOTE DESIGNATION
XX XX XX.X	SPECIFICATION SECTION
AREA OF DETAIL	CALLOUT
X XXX	DETAIL NUMBER
XXX	SECTION SHEET NUMBER
X XXX	SECTION SHEET NUMBER

2 BUILDING SECTION
A3.1
1/4" = 1'-0"

3 BUILDING SECTION
A3.1
1/4" = 1'-0"

4 BUILDING SECTION
A3.1
1/4" = 1'-0"

5 BUILDING SECTION - PAVILION
A3.1
1/4" = 1'-0"

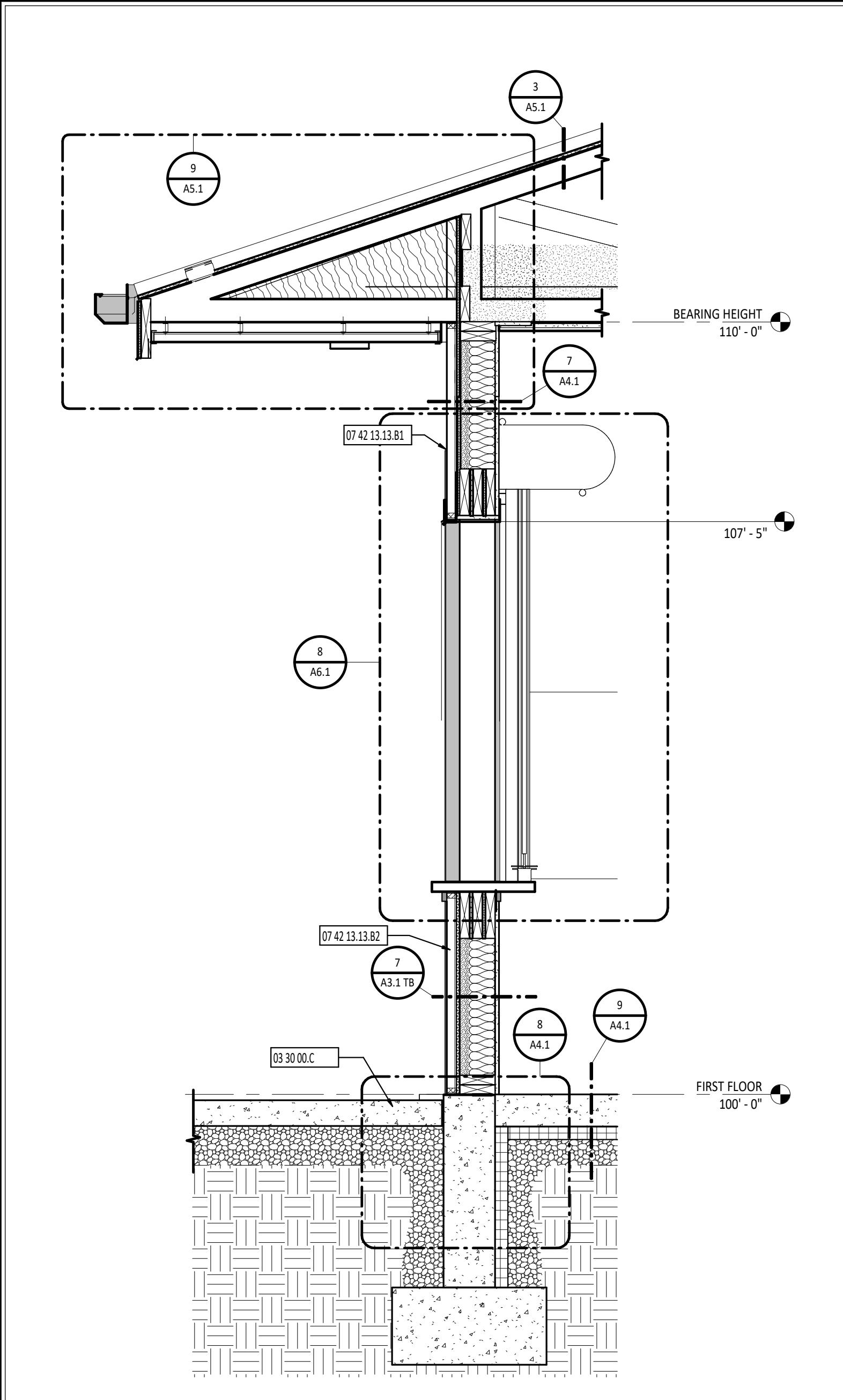
6 BUILDING SECTION - PAVILION
A3.1
1/4" = 1'-0"

ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS | 01/06/2026

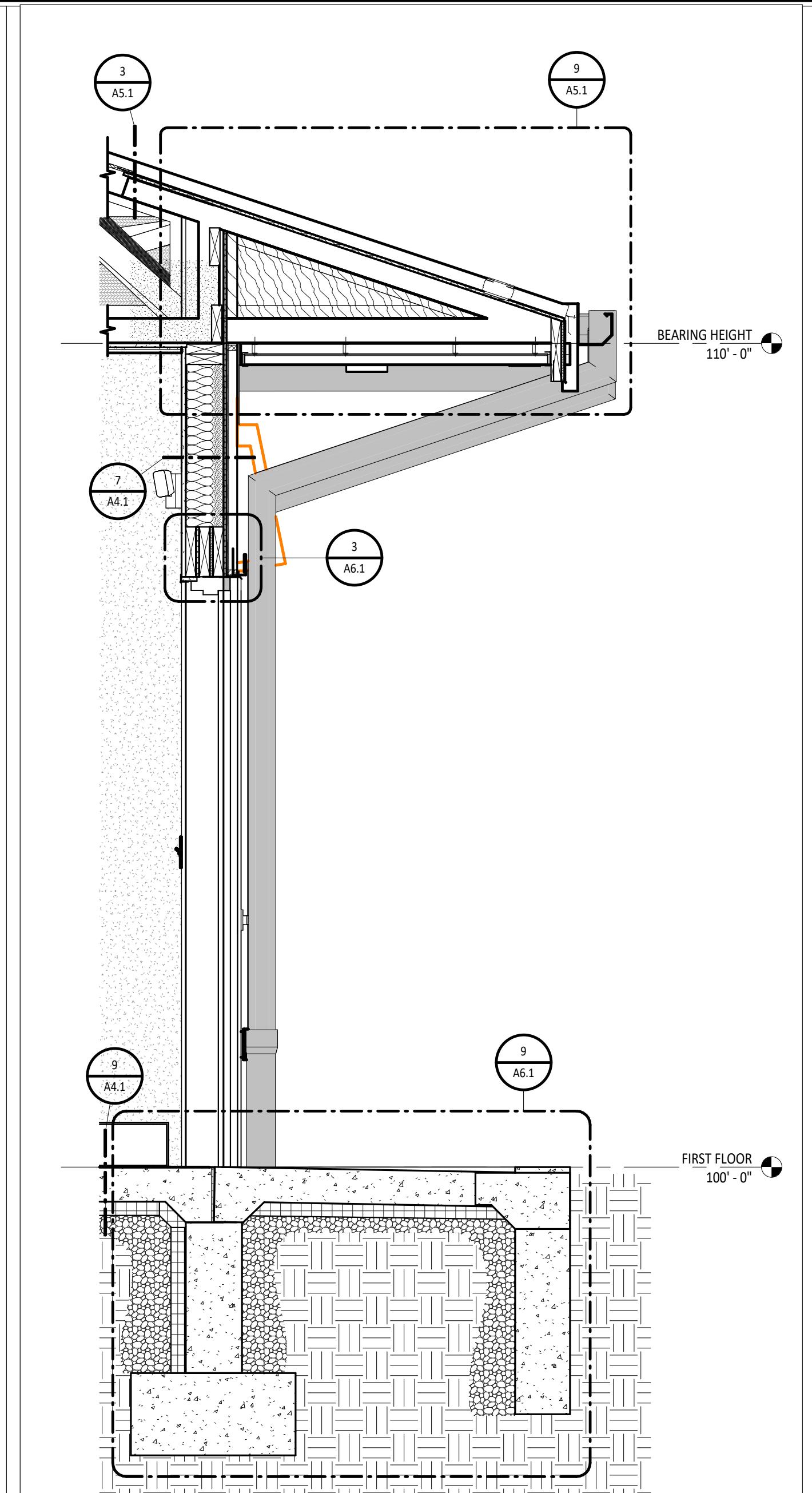
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DRAWN BY: KMV
CHECKED BY: CWS

SHEET TITLE:
**BUILDING
SECTIONS AND
DETAILS**

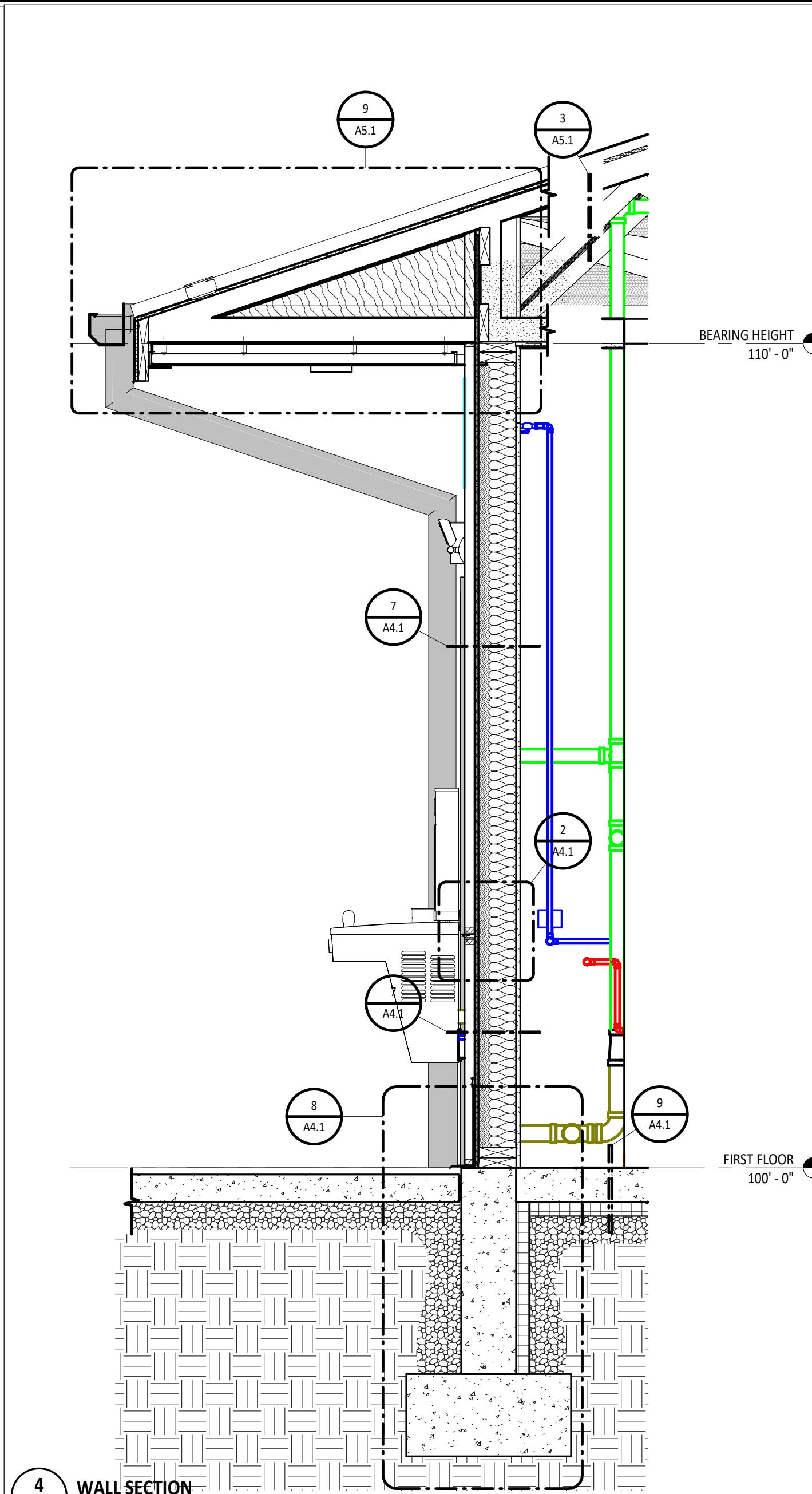
SHEET NUMBER:
A3.1



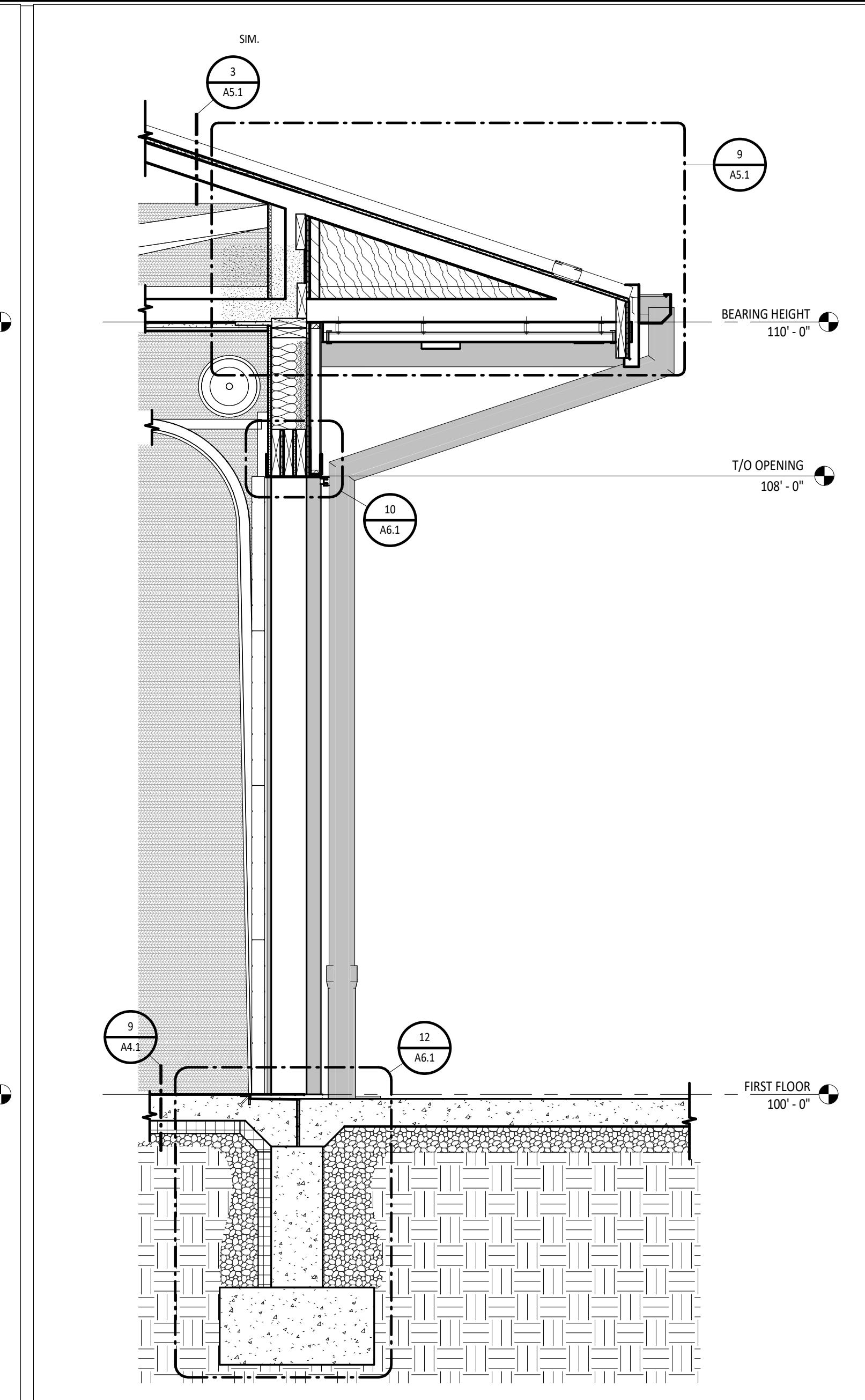
3 WALL SECTION
A4.1 3/4" = 1'-0"



1 WALL SECTION
A4.1 3/4" = 1'-0"



4 WALL SECTION
A4.1 3/4" = 1'-0"



5 WALL SECTION
A4.1 3/4" = 1'-0"

#	KEYNOTE DESCRIPTION
03 15.2.A	VAPOR BARRIER
03 30.0.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
03 30.0.C	CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS.
03 30.0.C	5" CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS.
03 30.0.J	ROUND CONCRETE PIER FOUNDATION WITH STRUCTURAL STEEL COLUMN EMBEDDED - COORDINATE DEPTH AND REINFORCEMENT WITH PAVILION MANUFACTURER
04 05.23.C	CONTINUOUS TERMINATION BAR AND SEALANT
04 05.23.E	THROUGH WALL FLASHING WITH STAINLESS STEEL DRIP EDGE
06 10.00.G7	7/16" EXTERIOR SHEATHING - REFERENCE STRUCTURAL
06 10.00.K2	2X6 WOOD FRAMING AT 16" OC
07 21.13.A	2" x 2" PERIMETER AND UNDERSLAB BOARD INSULATION
07 21.16.A1	THERMAL BATT INSULATION - FULL CAVITY THICKNESS
07 21.29.B	1 1/2" THICK SPRAY APPLIED FOAM INSULATION
07 42.13.13.B1	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42.13.13.B2	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 2
07 42.13.13.C	PREFINISHED METAL TRIM/FLASHING - PROVIDED BY FORMED METAL PANEL MANUFACTURER - COLOR TO MATCH ADJACENT PANEL
07 92.00.A	BACKER ROD WITH SEALANT
07 92.00.D	ISOLATION JOINT WITH JOINT FILLER AND SEALANT
09 21.16.A2	5/8" GYPSUM WALLBOARD
13 34.41.A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
31 23.00.A	COMPACTED GRANULAR FILL
32 13.13.A	EXTERIOR CONCRETE SLAB-ON-GRADE - REFERENCE CIVIL/SITE DRAWINGS.
07 92.00.D	ISOLATION JOINT WITH JOINT FILLER AND SEALANT

BUILDING SECTION SYMBOLS LEGEND

XXXX	DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
ADIN	ROOM DESIGNATION - REFERENCE ROOM INDEX.
W	CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
LEVEL ELEVATION	LEVEL LINE
STRUCTURAL GRID	REFERENCE STRUCTURAL DRAWINGS.
XX XX XX XX	DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
X	KEYNOTE DESIGNATION SPECIFICATION SECTION
AREA OF DETAIL	CALLOUT
X	DETAIL NUMBER SHEET NUMBER
SECTION	SECTION
X XXX	DETAIL NUMBER SHEET NUMBER

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

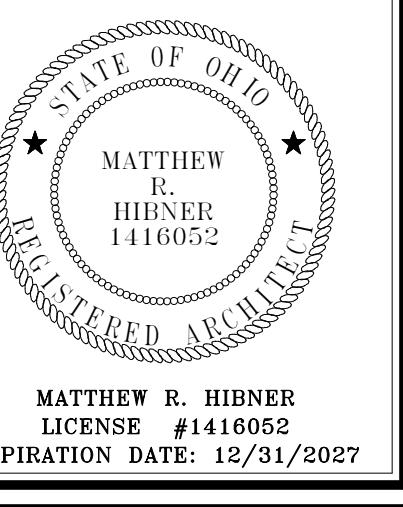
31 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS | 01/06/2026

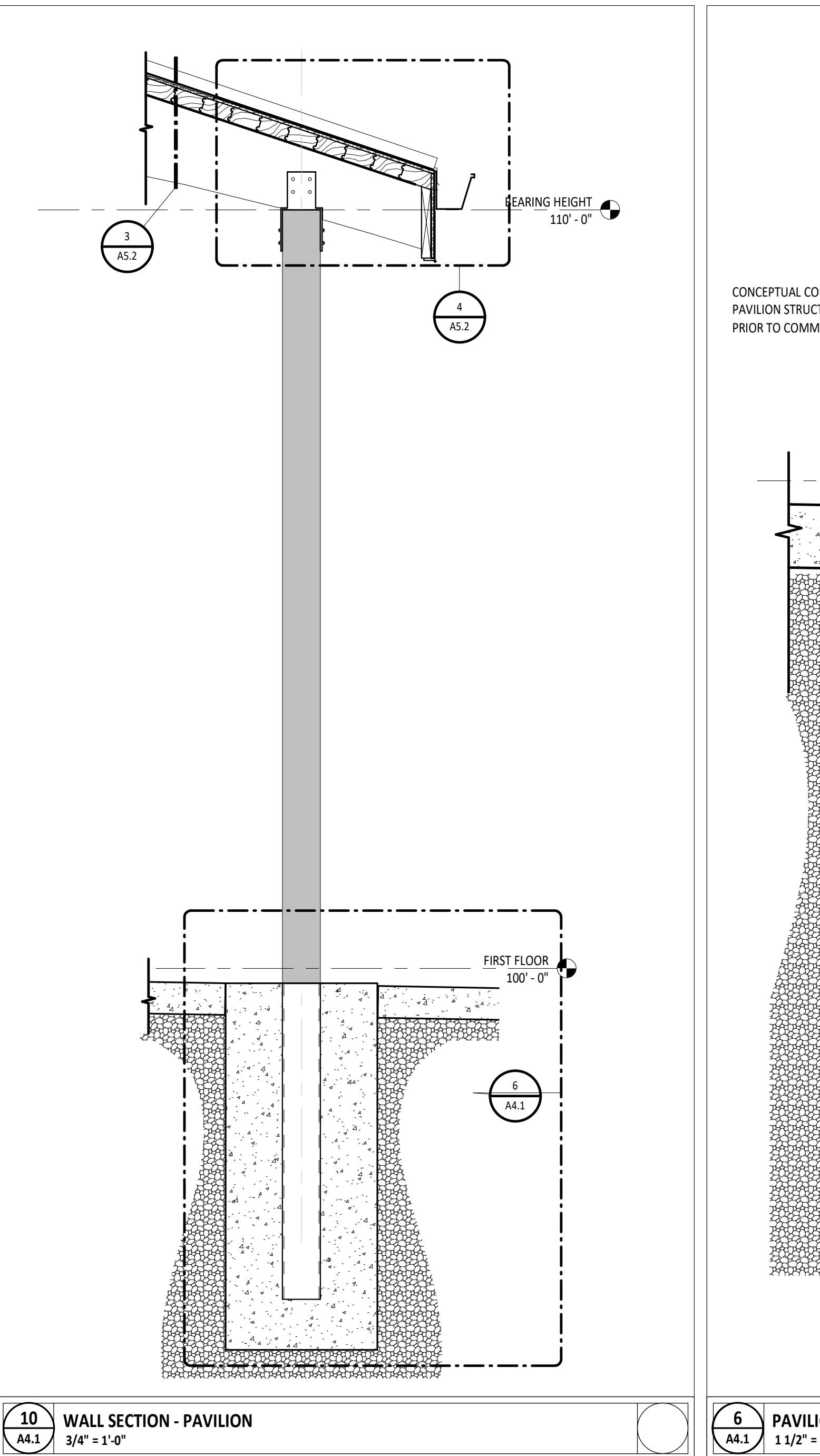
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DRAWN BY: KMV
CHECKED BY: CWSSHEET TITLE: BUILDING SECTIONS AND DETAILS
SHEET NUMBER: A4.1

SHEET NUMBER: A4.1

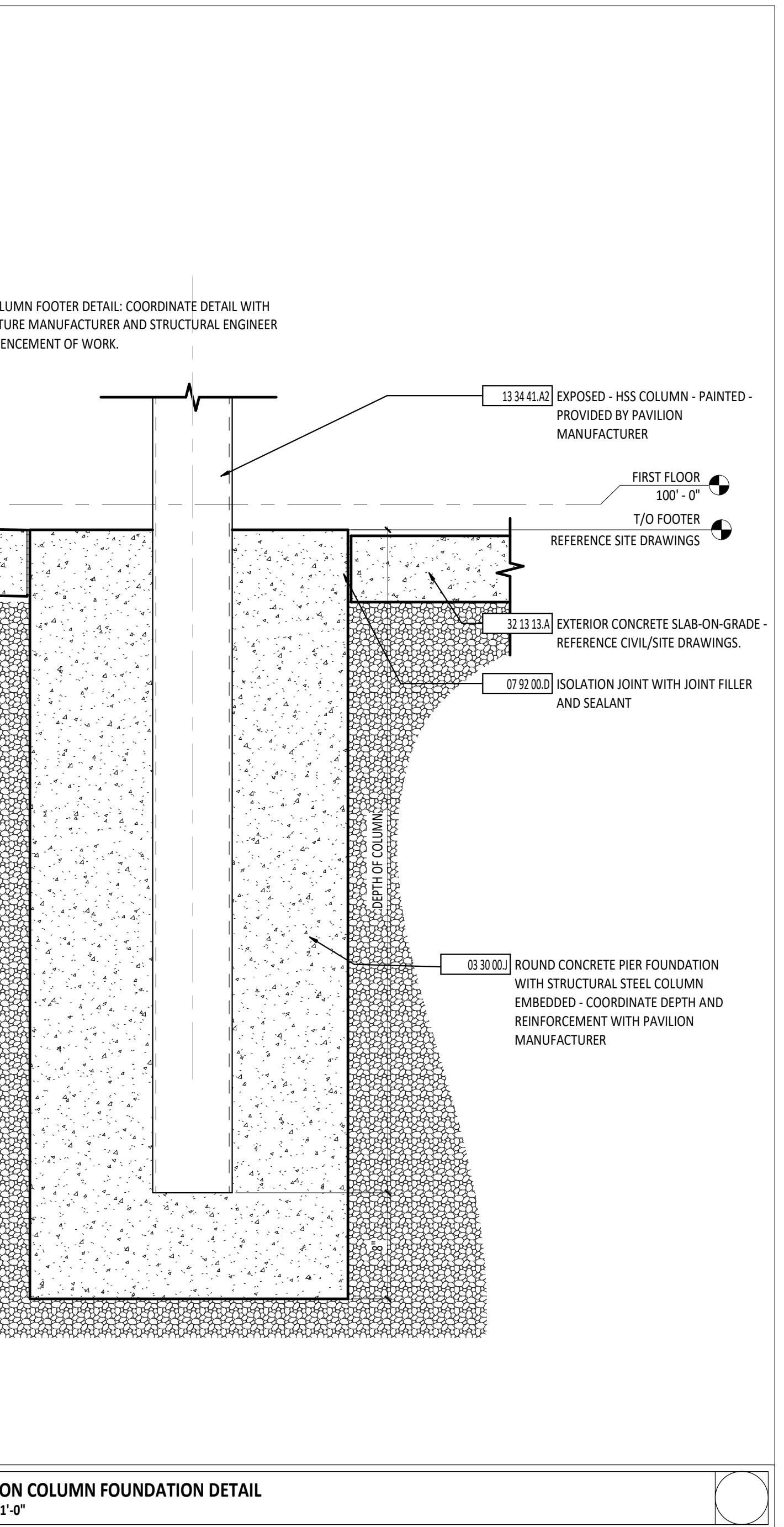


MATTHEW E. HIRNER
LICENSE #4418052
EXPIRATION DATE: 12/31/2027

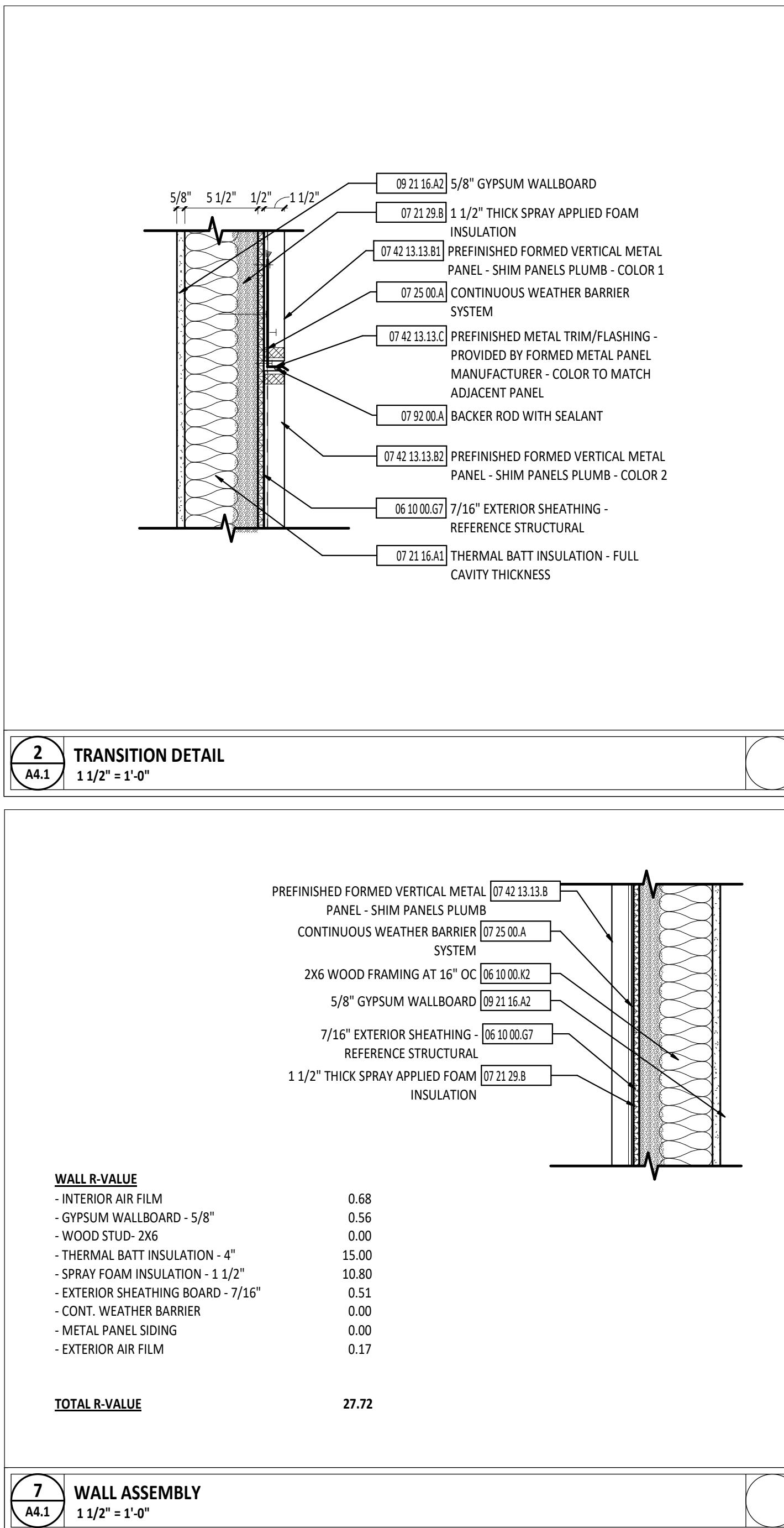
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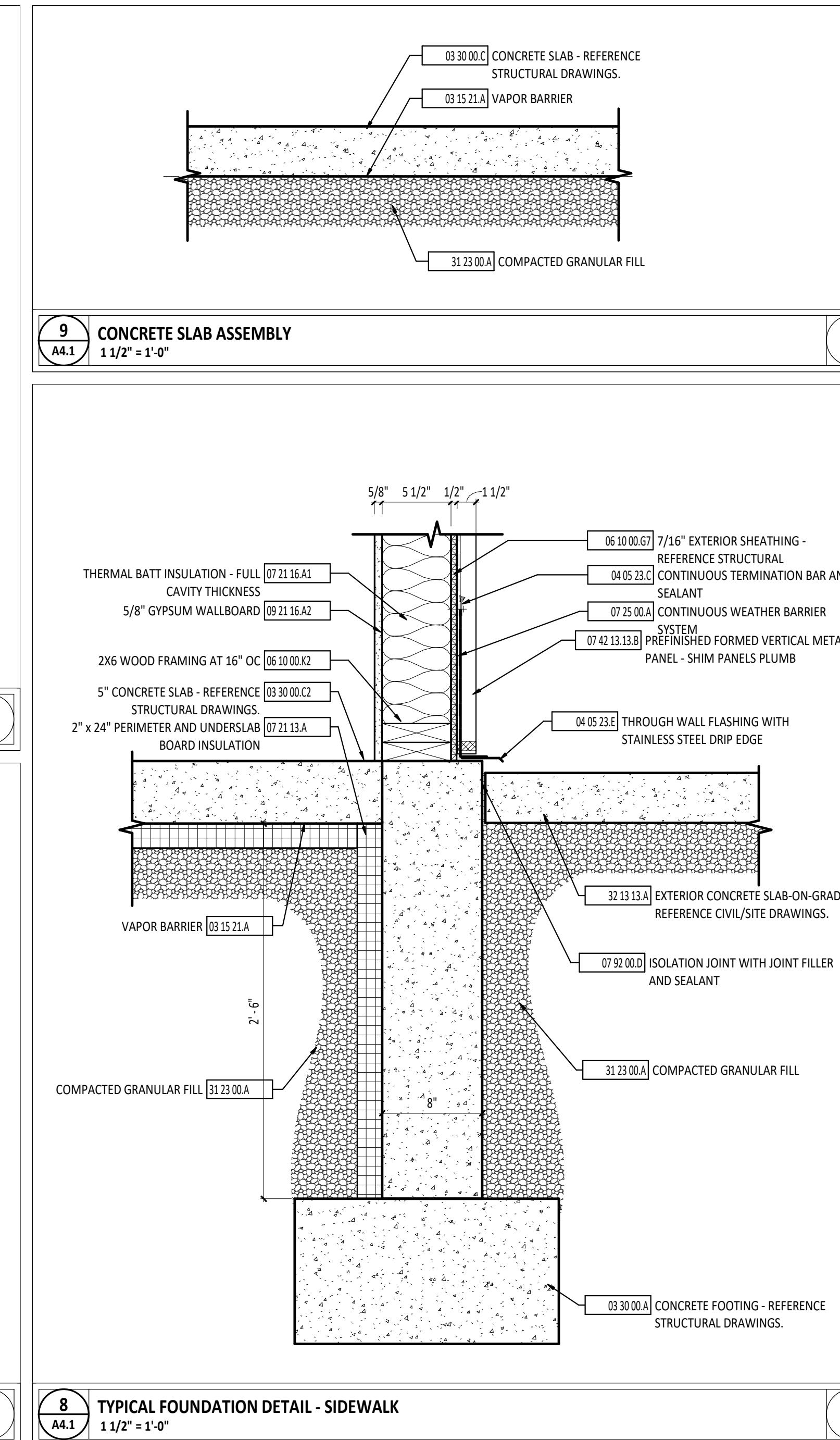
10 WALL SECTION - PAVILION
A4.1 3/4" = 1'-0"



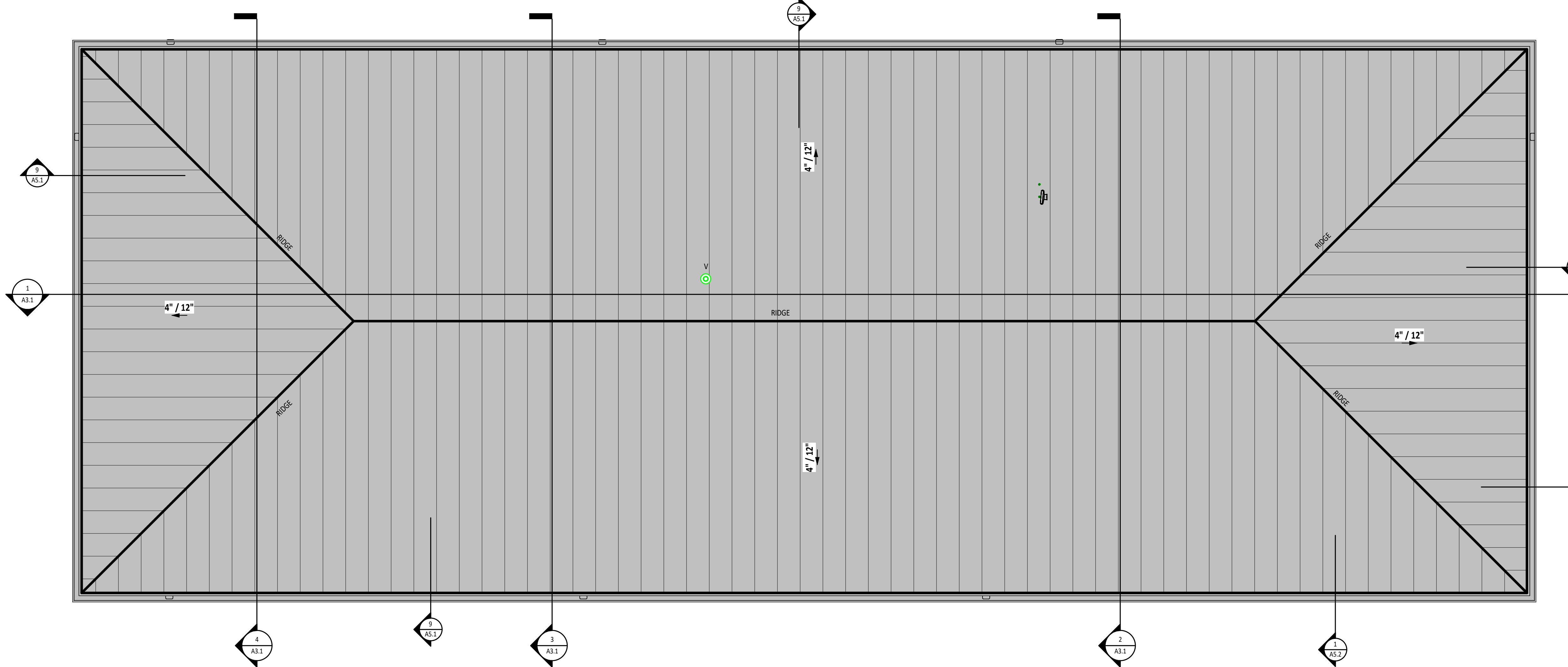
6 PAVILION COLUMN FOUNDATION DETAIL
A4.1 1 1/2" = 1'-0"



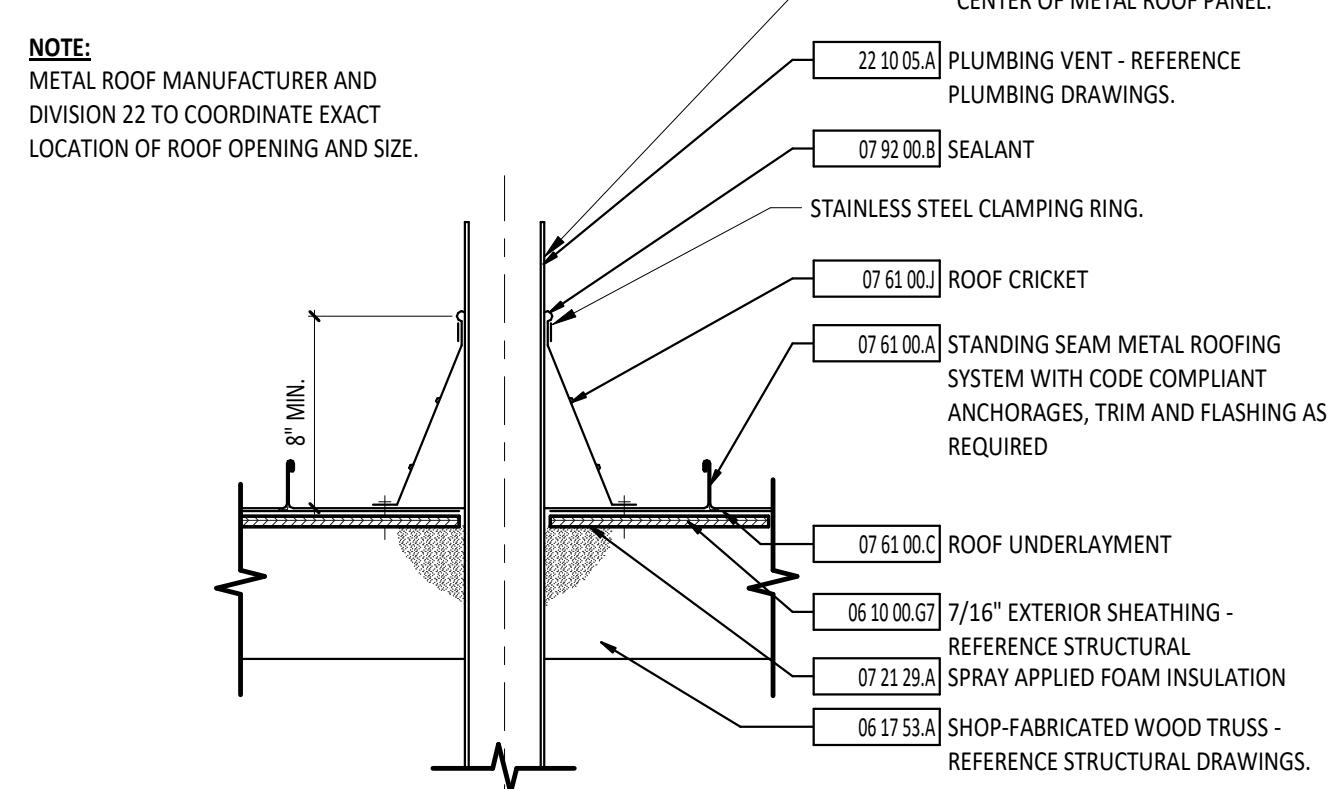
7 WALL ASSEMBLY
A4.1 1 1/2" = 1'-0"



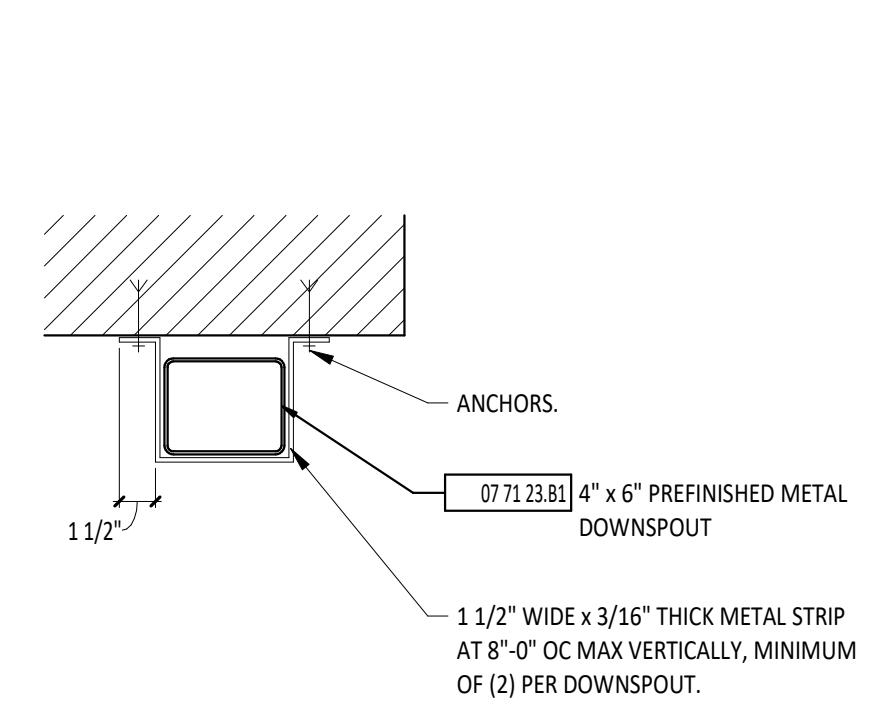
8 TYPICAL FOUNDATION DETAIL - SIDEWALK
A4.1 1 1/2" = 1'-0"



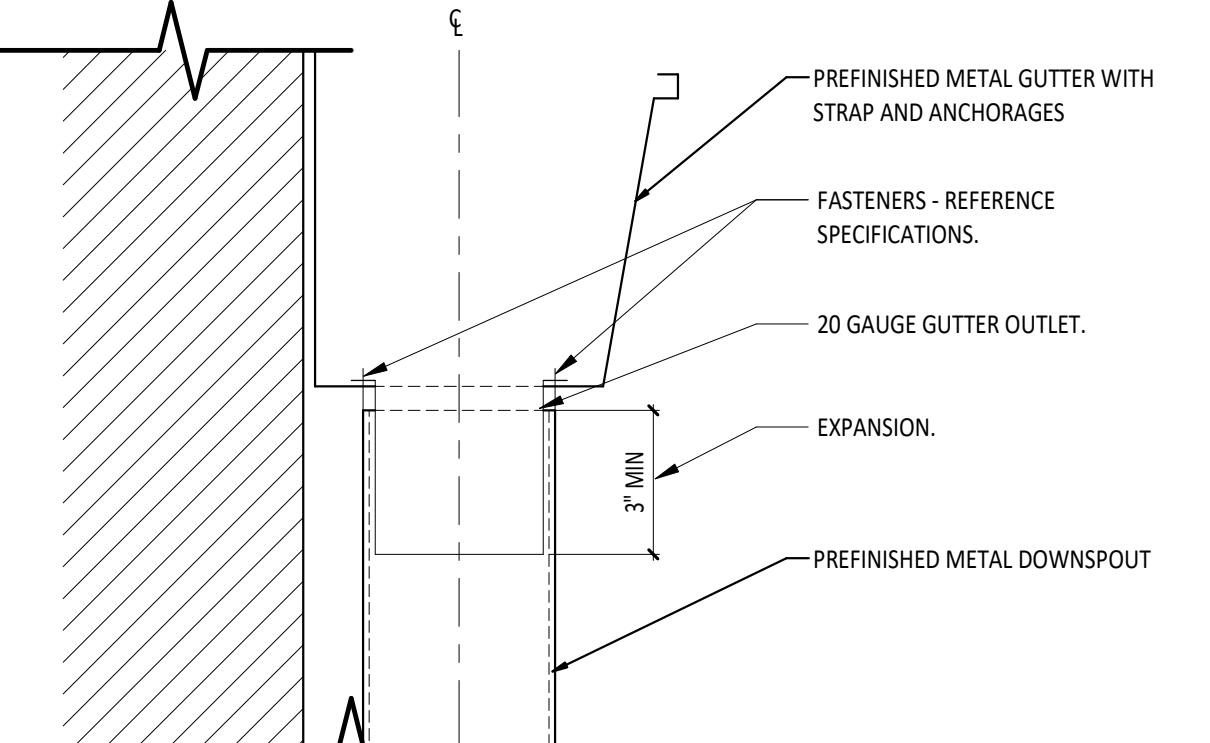
1 ROOF PLAN - UNIT A
A5.1 1/4" = 1'-0"



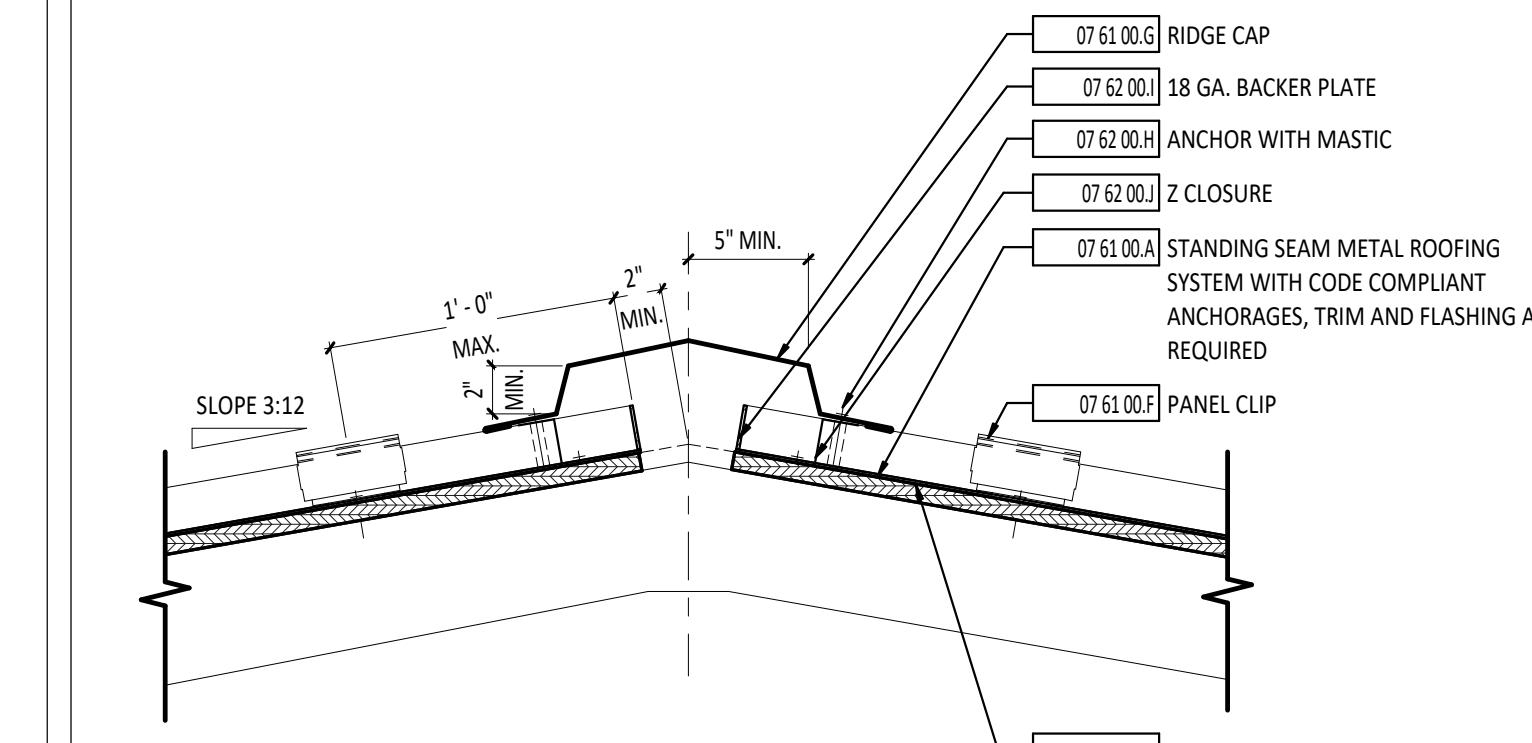
5 VENT STACK PENETRATION DETAIL
A5.1 1 1/2" = 1'-0"



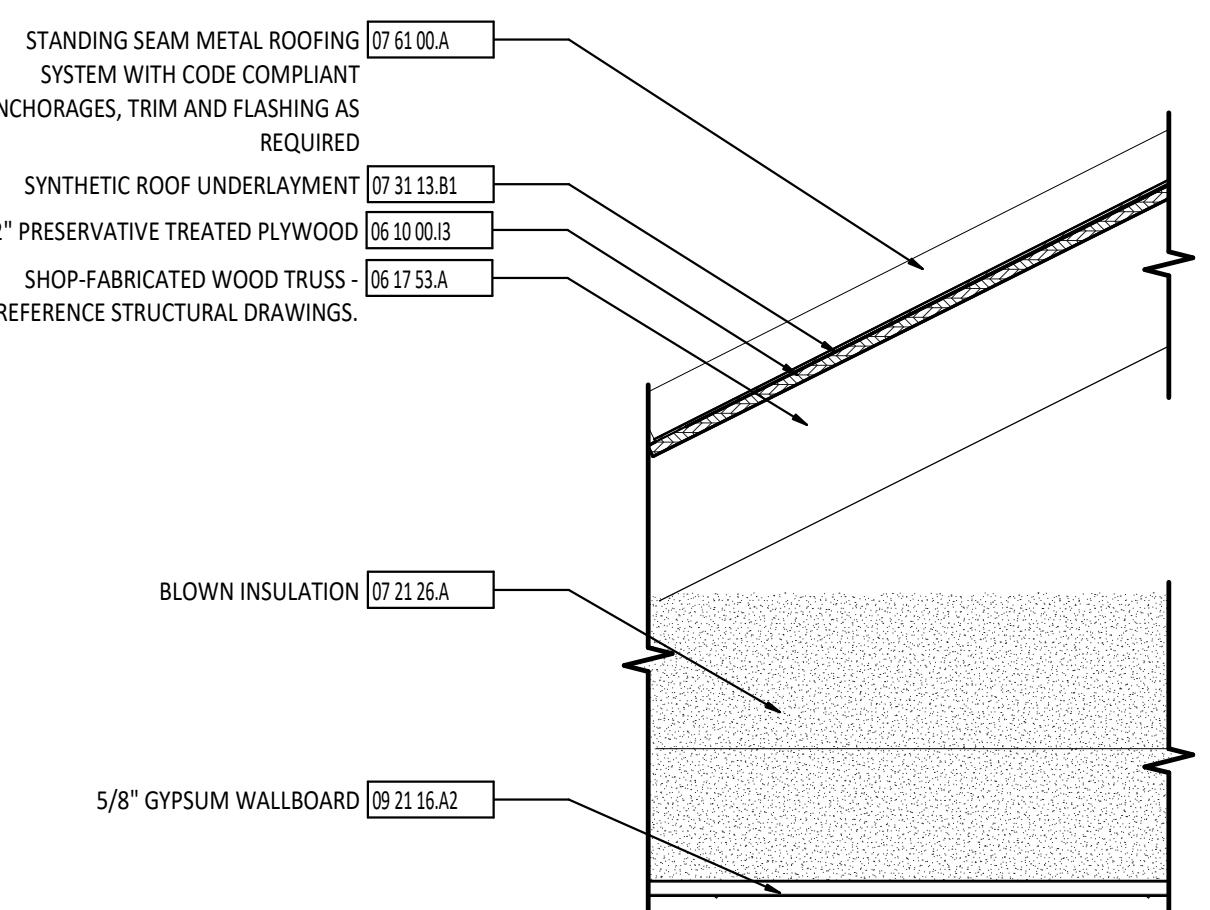
7 DOWNSPOUT BRACKET DETAIL
A5.1 1 1/2" = 1'-0"



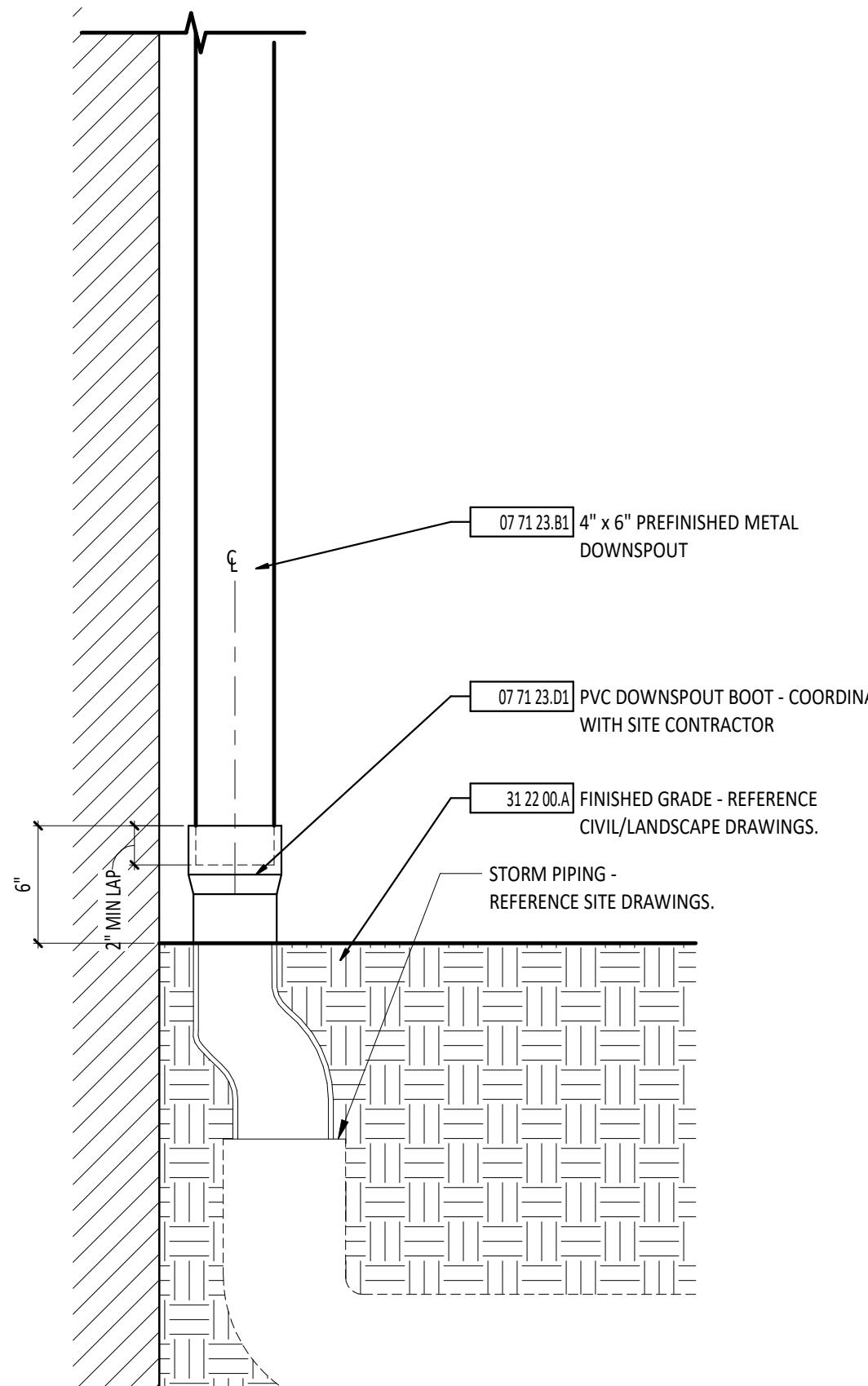
8 GUTTER/DOWNSPOUT CONNECTION DETAIL
A5.1 3" = 1'-0"



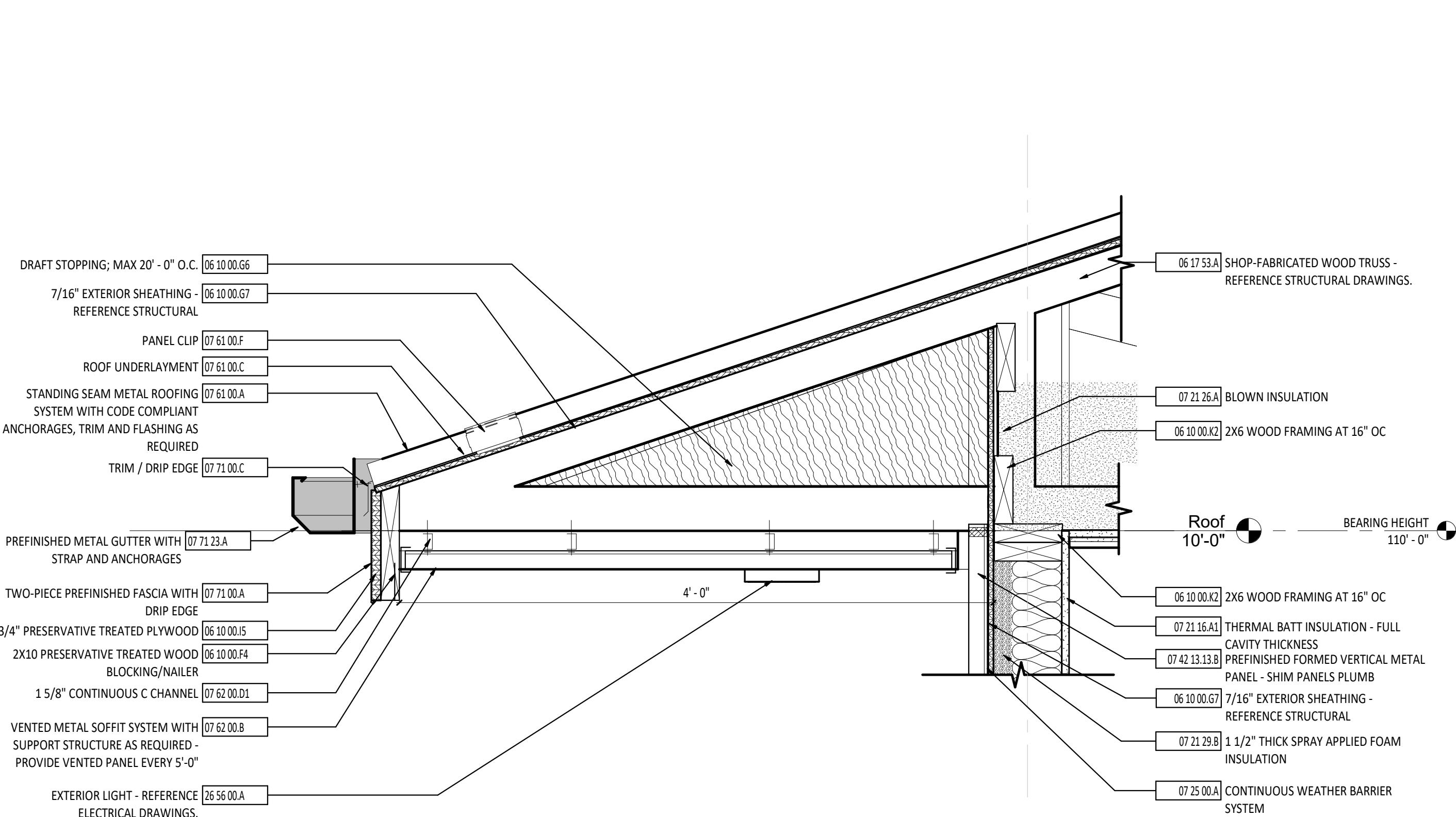
4 ROOF RIDGE
A5.1 1 1/2" = 1'-0"



ROOF R-VALUE:
OUTSIDE AIR FILM 0.17
STANDING SEAM METAL ROOF 0.00
ROOF UNDERLAYMENT 0.00
VAPOR BARRIER 0.00
PLYWOOD SHEATHING (7/16") 0.63
WOOD RAFTERS 0.00
BLOWN INSULATION (5 1/2") 0.55
GYPSUM WALL BOARD (5/8") 0.61
INSIDE AIR FILM 0.00
TOTAL R-VALUE: 39.97



6 DOWNSPOUT BOOT DETAIL
A5.1 1 1/2" = 1'-0"

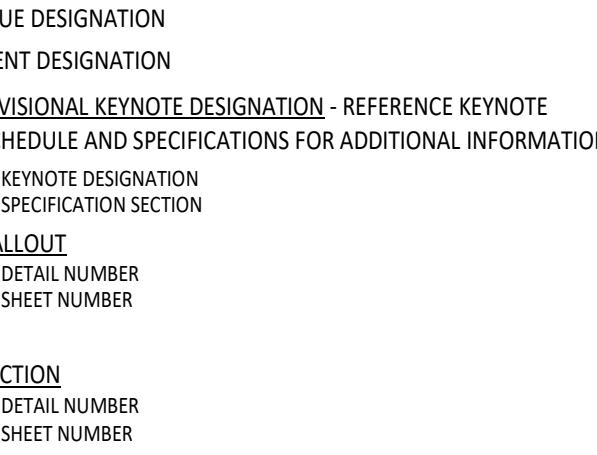


9 EAVE DETAIL
A5.1 1 1/2" = 1'-0"

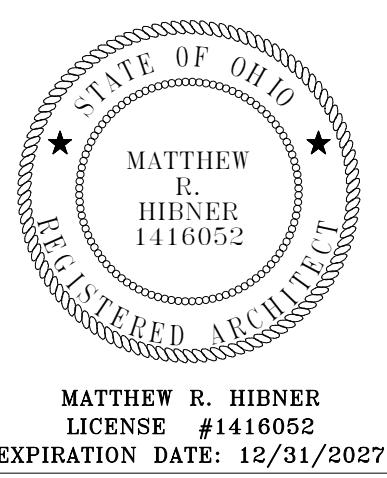
ROOF PLAN GENERAL NOTES

- A PROVIDE FLASHING IN ACCORDANCE WITH THE SMACNA ARCHITECTURAL SHEET METAL MANUAL LATEST EDITION.
- B REFER TO MANUFACTURER FOR ROOF INSTALLATION DETAILS.
- C ALL WOOD BLOCKING AT ROOF PENETRATIONS SHALL BE PRESERVATIVE TREATED.
- D PROVIDE WELDED CURB FLASHING FOR PENETRATIONS IN METAL ROOF - REFERENCE ROOF DETAILS.
- E PROVIDE CRICKETS WITH TAPERED FLASHING AT MECHANICAL OPENINGS.

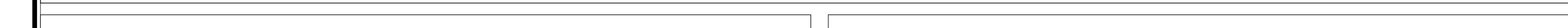
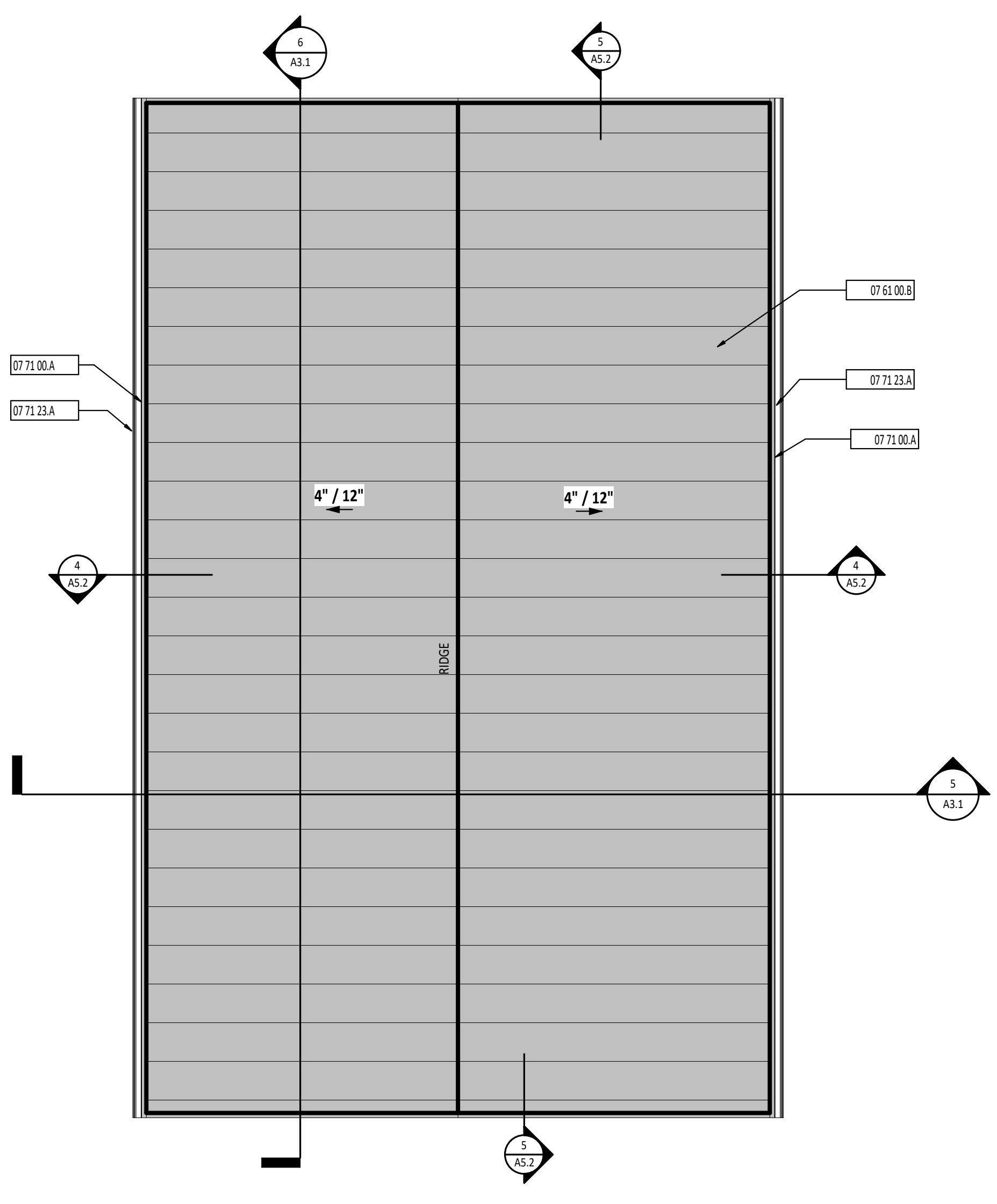
ROOF PLAN SYMBOLS LEGEND



#	KEYNOTE DESCRIPTION
06 10 00 F4	2X10 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00 G6	DRAFT STOPPING, MAX 20' - 0" O.C.
06 10 00 G7	7/16" EXTERIOR SHEATHING - REFERENCE STRUCTURAL
06 10 00 I3	1/2" PRESERVATIVE TREATED PLYWOOD
06 10 00 K2	2X6 WOOD FRAMING AT 16" O.C.
06 17 00 S4	SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS.
07 21 16 A1	THERMAL BATT INSULATION - FULL CAVITY THICKNESS
07 21 26 A	BLOWN INSULATION
07 21 29 A	SPRAY APPLIED FOAM INSULATION
07 21 29 B	1 1/2" THICK SPRAY APPLIED FOAM INSULATION
07 25 00 A	CONTINUOUS WEATHER BARRIER SYSTEM
07 31 13 B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 61 00 A	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES, TRIM AND FLASHING AS REQUIRED
07 61 00 C	ROOF UNDERLAYMENT
07 61 00 F	PANEL CLIP
07 61 00 G	RIDGE CAP
07 62 00 B	VENTED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED - PROVIDE VENTED PANEL EVERY 5'-0"
07 62 00 D1	1 5/8" CONTINUOUS C CHANNEL
07 62 00 H	ANCHOR WITH MASTIC
07 62 00 I	18 GA. BACKER PLATE
07 62 00 J	ANCHOR WITH MASTIC
07 62 00 K	2 CLOSURE
07 71 23 B1	4" x 6" PREFINISHED METAL DOWNSPOUT
07 71 23 B2	PREFINISHED METAL DOWNSPOUT
07 71 23 B3	4" x 6" PREFINISHED METAL DOWNSPOUT
07 71 23 B4	PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR
07 92 00 B	SEALANT
09 21 16 A2	5/8" GYPSUM WALLBOARD
22 10 05 A	PLUMBING VENT - REFERENCE PLUMBING DRAWINGS.
26 56 00 A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.
31 22 00 A	FINISHED GRADE - REFERENCE CIVIL/LANDSCAPE DRAWINGS.



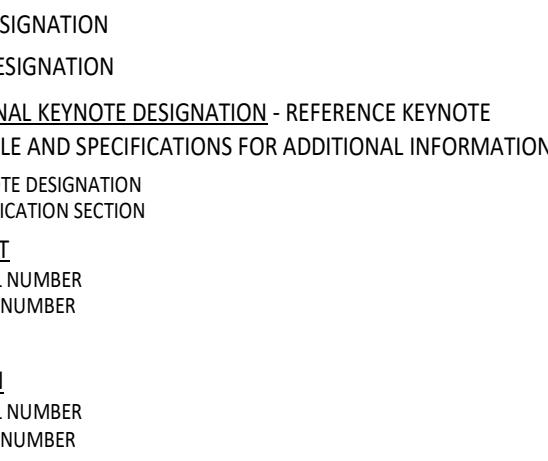
Matthew E. Hirner
LICENSE #4418052
EXPIRATION DATE: 12/31/2027

1 EAVE DETAIL WITH SOFFIT
A5.2 1 1/2" = 1'-0"2 ROOF PLAN - PAVILION
A5.2 1/4" = 1'-0"

ROOF PLAN GENERAL NOTES

- A. PROVIDE FLASHING IN ACCORDANCE WITH THE SMACNA ARCHITECTURAL SHEET METAL MANUAL LATEST EDITION.
- B. REFER TO MANUFACTURER FOR ROOF INSTALLATION DETAILS.
- C. ALL WOOD BLOCKING AT ROOF PENETRATIONS SHALL BE PRESERVATIVE TREATED.
- D. PROVIDE WELDED CURB FLASHING FOR PENETRATIONS IN METAL ROOF - REFERENCE ROOF DETAILS.
- E. PROVIDE CRICKETS WITH TAPERED FLASHING AT MECHANICAL OPENINGS.

ROOF PLAN SYMBOLS LEGEND



#	KEYNOTE DESCRIPTION
06 10 00 F4	2X10 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00 G7	7/16" EXTERIOR SHEATHING - REFERENCE STRUCTURAL
06 10 00 I3	1/2" PRESERVATIVE TREATED PLYWOOD
06 10 00 I5	3/4" PRESERVATIVE TREATED PLYWOOD
06 10 00 K2	2X6 WOOD FRAMING AT 16" OC
06 10 00 K3	2X8 WOOD FRAMING AT 16" OC
06 17 33 A	SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS
06 10 00 G7	7/16" EXTERIOR SHEATHING - REFERENCE STRUCTURAL
06 10 00 C	PRESERVATIVE TREATED PLYWOOD
06 10 00 F4	2X10 PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00 G7	7/16" EXTERIOR SHEATHING - REFERENCE STRUCTURAL
06 10 00 I3	1/2" PRESERVATIVE TREATED PLYWOOD
06 10 00 I5	3/4" PRESERVATIVE TREATED PLYWOOD
06 10 00 K2	2X6 WOOD FRAMING AT 16" OC
06 10 00 K3	2X8 WOOD FRAMING AT 16" OC
06 17 33 A	SHOP-FABRICATED WOOD TRUSS - REFERENCE STRUCTURAL DRAWINGS
07 31 13 B1	SYNTHETIC ROOF UNDERLAYMENT
07 42 13 13 B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 61 00 A	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES, TRIM AND FLASHING AS REQUIRED
07 61 00 B	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES, TRIM AND FLASHING AS REQUIRED - TURN UP END
07 61 00 C	ROOF UNDERLAYMENT
07 61 00 F	PANEL CLIP
07 62 00 B	VENTED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED - PROVIDE VENTED PANEL EVERY 5'-0"
07 62 00 D	1 5/8" CONTINUOUS C CHANNEL
07 62 00 E	RAKE FLASHING - PROVIDED BY ROOFING MANUFACTURER
07 71 00 A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
07 71 00 C	TRIM / DRIP EDGE
07 71 23 A	PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES
13 34 41 A1	GLUE LAMINATED PITCH AND CAMBER BEAM - DOUGLAS FIR PRESERVATIVE TREATED - PROVIDED BY PAVILION MANUFACTURER
13 34 41 A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
13 34 41 A3	3X6 TONGUE AND GROOVE ROOF DECKING - DOUGLAS FIR - PRESERVATIVE TREATED - PROVIDED BY PAVILION MANUFACTURER
13 34 41 A4	STEEL SADDLE AND BEAM CONNECTION HARDWARE - PROVIDED BY PAVILION MANUFACTURER

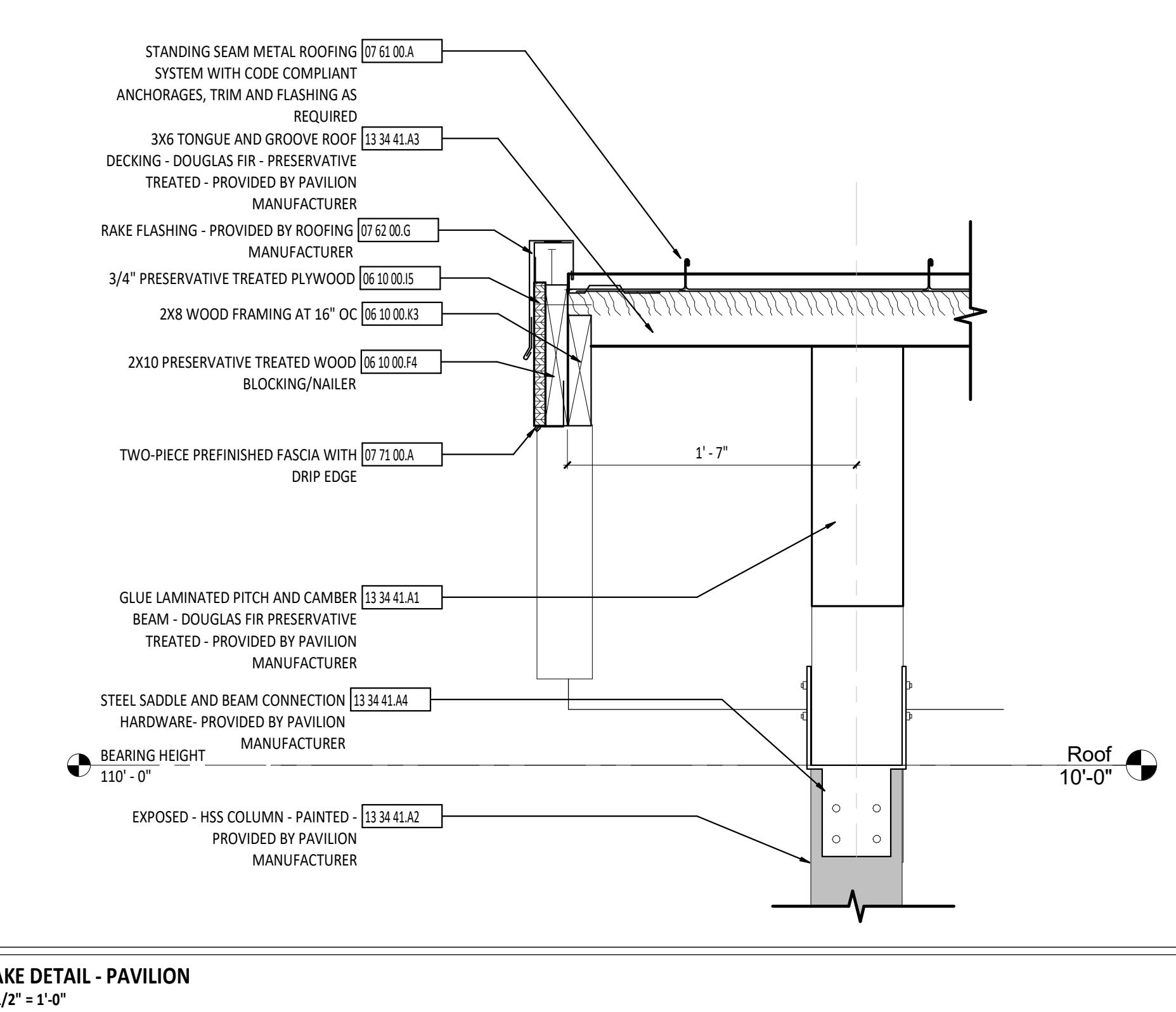
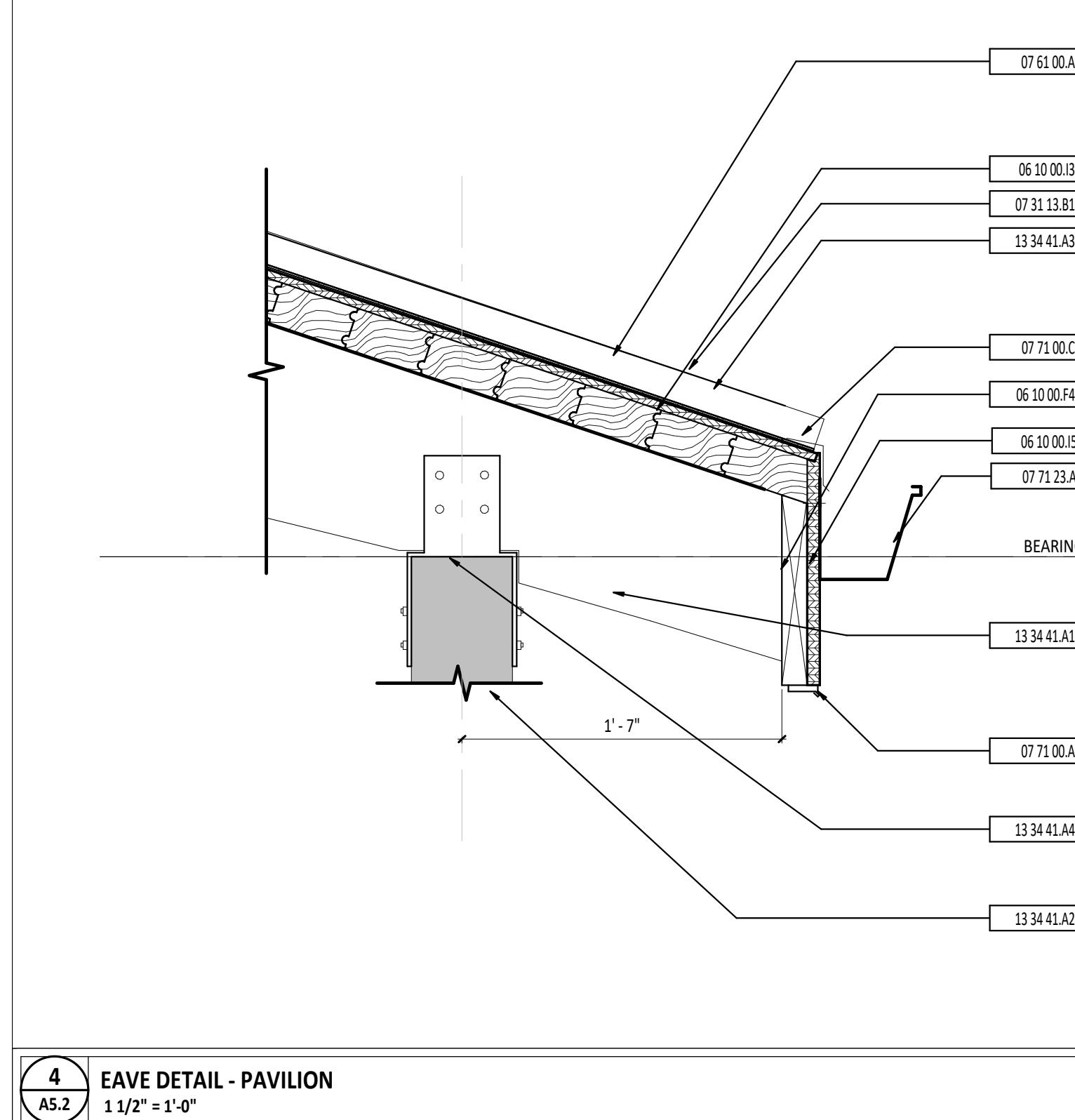
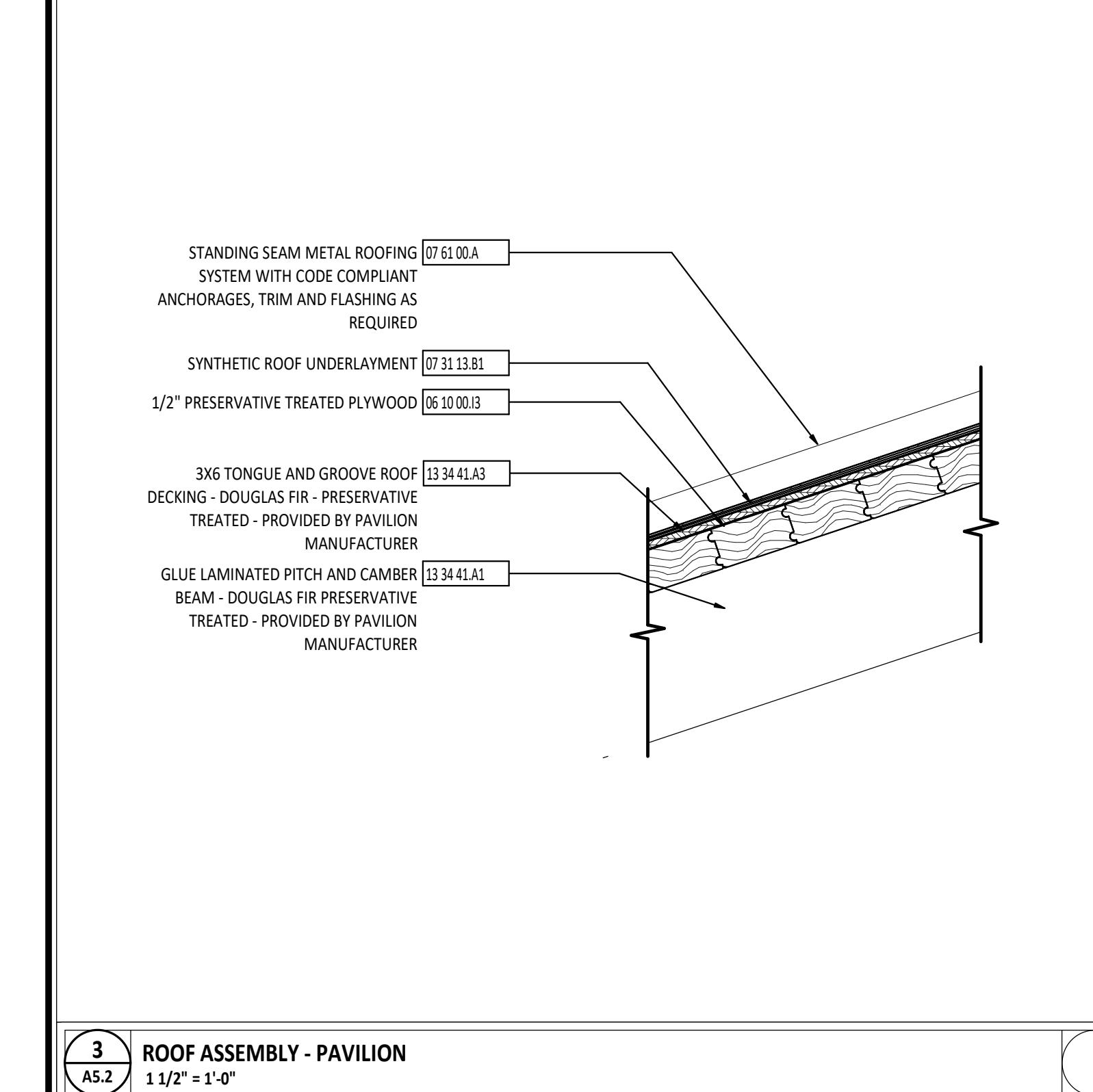
GARMANN MILLER
CREAT. DESIGN. COMM.

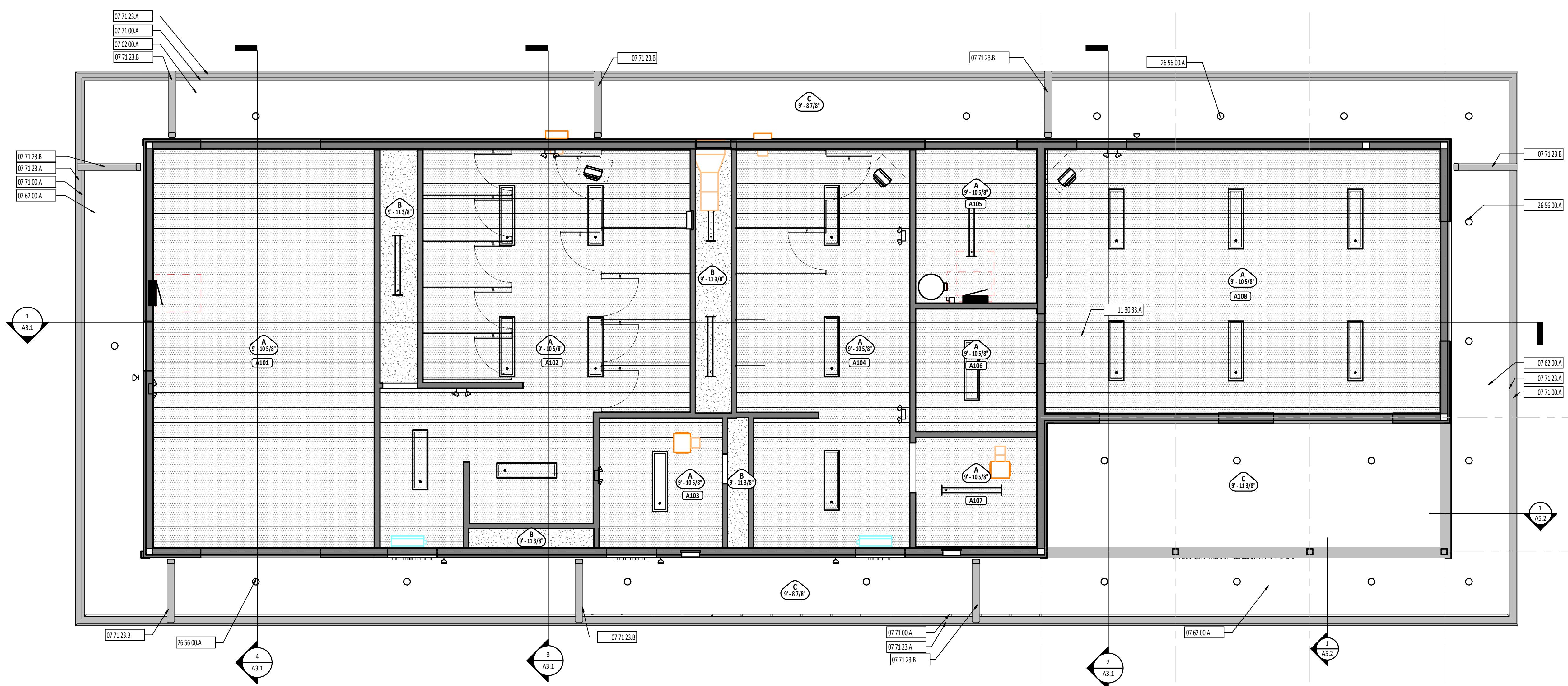
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA

ARCANUM BOOSTER STADIUM PHASE III
IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS | 01/06/2026PROJECT NUMBER: 23047.03
DRAWN BY: KMW
CHECKED BY: CWSSHEET TITLE: ROOF PLAN AND DETAILS
SHEET NUMBER: A5.2



1
A7.1 **FIRST FLOOR REFLECTED CEILING PLAN - UNIT B**
1/4" = 1'-0"

A7.1

FIRST FLOOR PLAN ROOM INDEX - OVERALL			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	STORAGE ROOM	394 SF	1
A102	WOMEN'S RESTROOM	431 SF	
A103	FAMILY RESTROOM	72 SF	
A104	MEN'S RESTROOM	297 SF	
A105	MECHANICAL ROOM	83 SF	0
A106	STORAGE ROOM	67 SF	0
A107	JANITOR CLOSET	60 SF	0
A108	CONCESSION STAND	467 SF	5

CEILING SCHEDULE		
MARK	DESCRIPTION	NOTES
A	3/4" PERFORATED METAL LINER PANEL ATTACHED TO GYP. WALLBOARD - 5/8" GYP ATTACHED TO UndERSIDE OF WOOD TRUSS	
B	5/8" GYP ATTACHED TO UndERSIDE OF WOOD TRUSS	
C	VENTED METAL SOFFIT	

Page 1 of 1

The logo for Garmann Miller is displayed vertically. It features the company name 'GARMANN MILLER' in a bold, dark grey sans-serif font, with 'GARMANN' on the top line and 'MILLER' on the bottom line. Below the text is a large, stylized green hexagonal graphic composed of thick, intersecting lines forming a 3D perspective effect.

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

ISSUANCES/REVISIONS

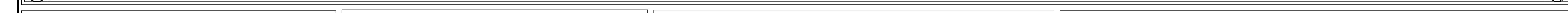
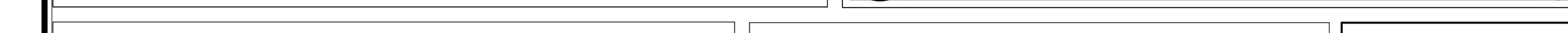
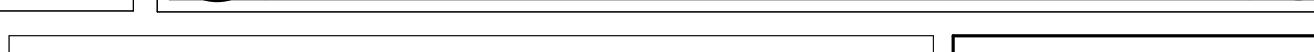
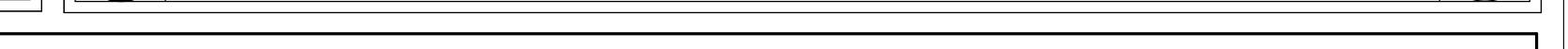
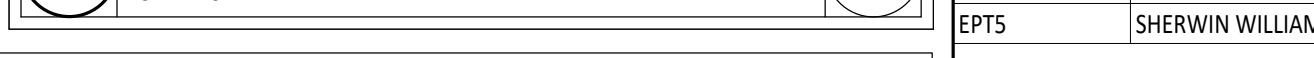
KEYNOTE DESCRIPTION	
0.A	PREFINISHED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED
0.A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
3.A	PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES
3.B	PREFINISHED METAL DOWNSPOUT
3.A	RETRACTABLE STAIR - COORDINATE WITH TRUSS MANUFACTURER AND CASEWORK LOCATION
0.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MEK	HEF

SHEET TITLE:

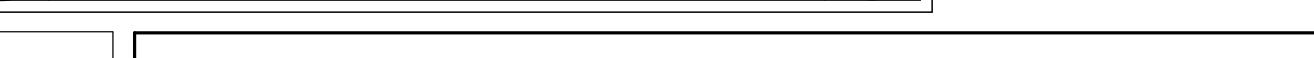
FIRST FLOOR EQUIPMENT AND FINISH PLAN

SHEET NUMBER:
A7.1

1 FIRST FLOOR FINISH PLAN - UNIT A
A9.1 1/4" = 1'-0"3 INTERIOR ELEVATION - TYPICAL INDIVIDUAL RESTROOM WALL FINISHES
A9.1 1/4" = 1'-0"4 INTERIOR ELEVATION - TYPICAL GROUP RESTROOM WALL FINISHES
A9.1 1/4" = 1'-0"5 INTERIOR ELEVATION - NORTH - A110
A9.1 1/4" = 1'-0"6 INTERIOR ELEVATION - WEST - A108
A9.1 1/4" = 1'-0"7 EPOXY POURED 06" FLOOR BASE - ALTERNATE
A9.1 3" = 1'-0"

FINISH MATERIAL SCHEDULE

NAME	MANUFACTURER	STYLE	NUMBER	COLOR	SIZE	COMMENTS
09 35 00 CONCRETE FINISHING - SEALED CONCRETE	SC	REFER TO SPECIFICATIONS	--	--	GRAY	--
09 65 00 RESILIENT FLOORING - FLOOR TRANSITIONS						
FLT1	SCHLUTER	RENO-U	--	SATIN ANODIZED ALUMINUM	--	FOR RESINOUS FLAKE FLOORING ALTERNATE
FLT2	SCHLUTER	JOLLY	--	BRUSHED STAINLESS	60 EB	FOR RESINOUS FLAKE FLOORING ALTERNATE
09 65 13 RESILIENT BASE AND ACCESSORIES - RUBBER BASE						
R81	JOHNSONITE	TRADITIONAL RUBBER BASE	40	BLACK	4" COVE TOE	
R82	JOHNSONITE	TRADITIONAL RUBBER BASE	40	BLACK	6" COVE TOE	
09 91 23 PAINTING - EPOXY PAINT						
EPT2	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7010	WHITE DUCK	--	
EPT3	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7018	DOVETAIL	--	
EPT4	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW6993	BLACK OF NIGHT	--	
EPT5	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW6884	OBSTINATE ORANGE	--	
09 91 23 PAINTING - PAINT						
PT1	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7757	HIGH REFLECTIVE WHITE	--	CEILING PAINT
PT2	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7010	WHITE DUCK	--	
10 21 13 COMPARTMENTS AND CUBICLES - TOILET PARTITION						
TPN1	SCRANTON	REFER TO SPECIFICATIONS	--	GRAY	--	
10 26 23 PROTECTIVE WALLCOVERING - FIBER REINFORCED PANELING						
FRP1	MARLITE	FIBER REINFORCED PANEL	--	LIGHT GRAY, PEBBLE TEXTURE	--	
12 35 50 13 CASEWORK - CASEWORK HARDWARE						
CH1	STEVENS	STAINLESS STEEL COLLECTION, BAR 128	SA01955	STAINLESS STEEL	--	
12 35 50 13 EDUCATIONAL CASEWORK - PLASTIC LAMINATE						
LT1	PANOLAM	PREMIUM HIGH PRESSURE LAMINATE	MB120-V	HAROLD		
LT2	WILSONART	PREMIUM HIGH PRESSURE LAMINATE	8201K-12	GREY ELM		

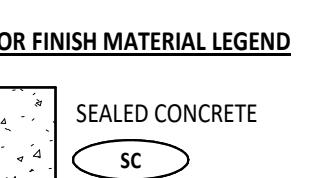
8 FRP TO 4" RUBBER WALL BASE DETAIL
A9.1 3" = 1'-0"9 FRP TO 6" RUBBER WALL BASE DETAIL
A9.1 3" = 1'-0"10 FLOOR TRANSITION - SEALED CONCRETE TO EPOXY POURED FLOORING
A9.1 6" = 1'-0"

SIGNAGE SCHEDULE - FIRST FLOOR PLAN

CONSTRUCTION DOCUMENTS ROOM NUMBER SERVED	CONSTRUCTION DOCUMENTS DOOR NUMBER / OPENING	CONSTRUCTION DOCUMENTS ROOM NAME	CONSTRUCTION DOCUMENTS SIGNAGE TYPE	ACTUAL SIGNAGE NUMBER	ACTUAL SIGNAGE NAME	NOTES
A101		STORAGE ROOM	D			
A102		WOMEN'S RESTROOM	B			
A103		FAMILY RESTROOM	C			
A104		MEN'S RESTROOM	A			
A105		MECHANICAL ROOM	D			
A106		STORAGE ROOM	D			
A107		JANITOR CLOSET	D			
A108		CONCESSION STAND	D			

SIGNAGE DETAILS
A9.1 3" = 1'-0"11 SIGNAGE DETAILS
A9.1 3" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL					
ROOM NUMBER	ROOM NAME	AREA	OCUPANCY		
A101	STORAGE ROOM	394 SF	1		
A102	WOMEN'S RESTROOM	431 SF			
A103	FAMILY RESTROOM	72 SF			
A104	MEN'S RESTROOM	297 SF			
A105	MECHANICAL ROOM	83 SF	0		
A106	STORAGE ROOM	67 SF	0		
A107	JANITOR CLOSET	60 SF	0		
A108	CONCESSION STAND	467 SF	5		



TYPICAL FINISHES

* UNLESS NOTED OTHERWISE, THESE FINISH SELECTIONS SHALL BE USED THROUGHOUT THE PROJECT. CONTRACTOR SHOULD BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

GVB CEILINGS AND DULHEADS	PT1
HOLLOW METAL DOOR FRAMES	PT4
HOLLOW METAL DOORS	PT4
SWITCH PLATES AND OUTLET COVERS	WHITE
CASEWORK LAMINATE	HORIZONTAL
CASEWORK LAMINATE	VERTICAL

FLOOR FINISHES GENERAL NOTES

- A FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
- B FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
- C FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
- D REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
- E ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- F REFER TO SHEETS A9.1 FOR INTERIOR FINISH ALTERNATES.
- G ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER. IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.

SIGNAGE GENERAL NOTES

- A VERIFY SIGNAGE NAME AND NUMBER WITH OWNER BEFORE MANUFACTURING.
- B REFER TO SHEETS FOR CONSTRUCTION DOCUMENTS SIGNAGE TYPE AND PLACEMENT LOCATION.

INTERIOR ELEVATION GENERAL NOTES

- A REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- B REFER TO ELEVATIONS TO HELP CLARIFY AND HIGHLIGHT PAINT OR MATERIAL CHANGES. REFER TO FINISH PLAN FOR ACTUAL PAINT/MATERIAL USED AT LOCATION.
- C REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.

#	KEYNOTE DESCRIPTION
10 26 23.81	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
10 26 23.81	FIBERGLASS REINFORCED PANELING BACKSPLASH - 4'-0" H x 2'-0" W MINIMUM BEYOND EACH CORNER OF FLOOR SERVICE SINK.
12 36 00.81	PLASTIC LAMINATE COUNTERTOP
12 36 00.81	STAINLESS STEEL COUNTERTOP
12 36 00.81	SOLID SURFACING COUNTERTOP
12 36 00.81	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE



TYPE A
BOYS RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR, LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE, LEFT JUSTIFIED.
- 5/8" TALL RAISED ROOM NAME LETTERING, WHITE IN "GOTHIC" FONT, BOLD, LEFT JUSTIFIED.
- STAND-OFF MOUNT.



TYPE B
GIRLS RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR, LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE, LEFT JUSTIFIED.
- 5/8" TALL RAISED ROOM NAME LETTERING, WHITE IN "GOTHIC" FONT, BOLD, LEFT JUSTIFIED.
- STAND-OFF MOUNT.



TYPE C
FAMILY RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR, LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE, LEFT JUSTIFIED.
- 5/8" TALL ROOM NAME RAISED LETTERING, WHITE IN "GOTHIC" FONT, BOLD, LEFT JUSTIFIED.
- STAND-OFF MOUNT.

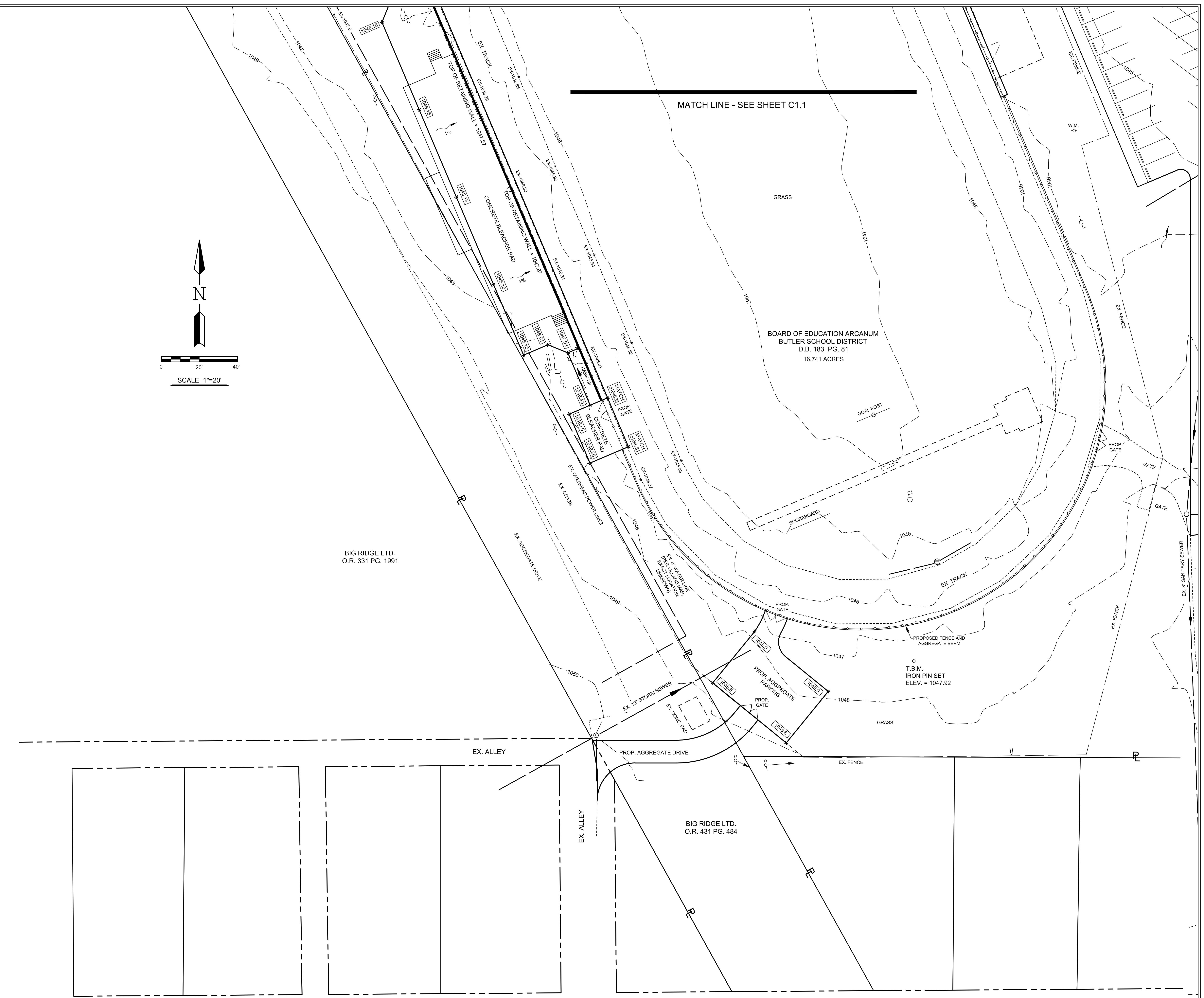


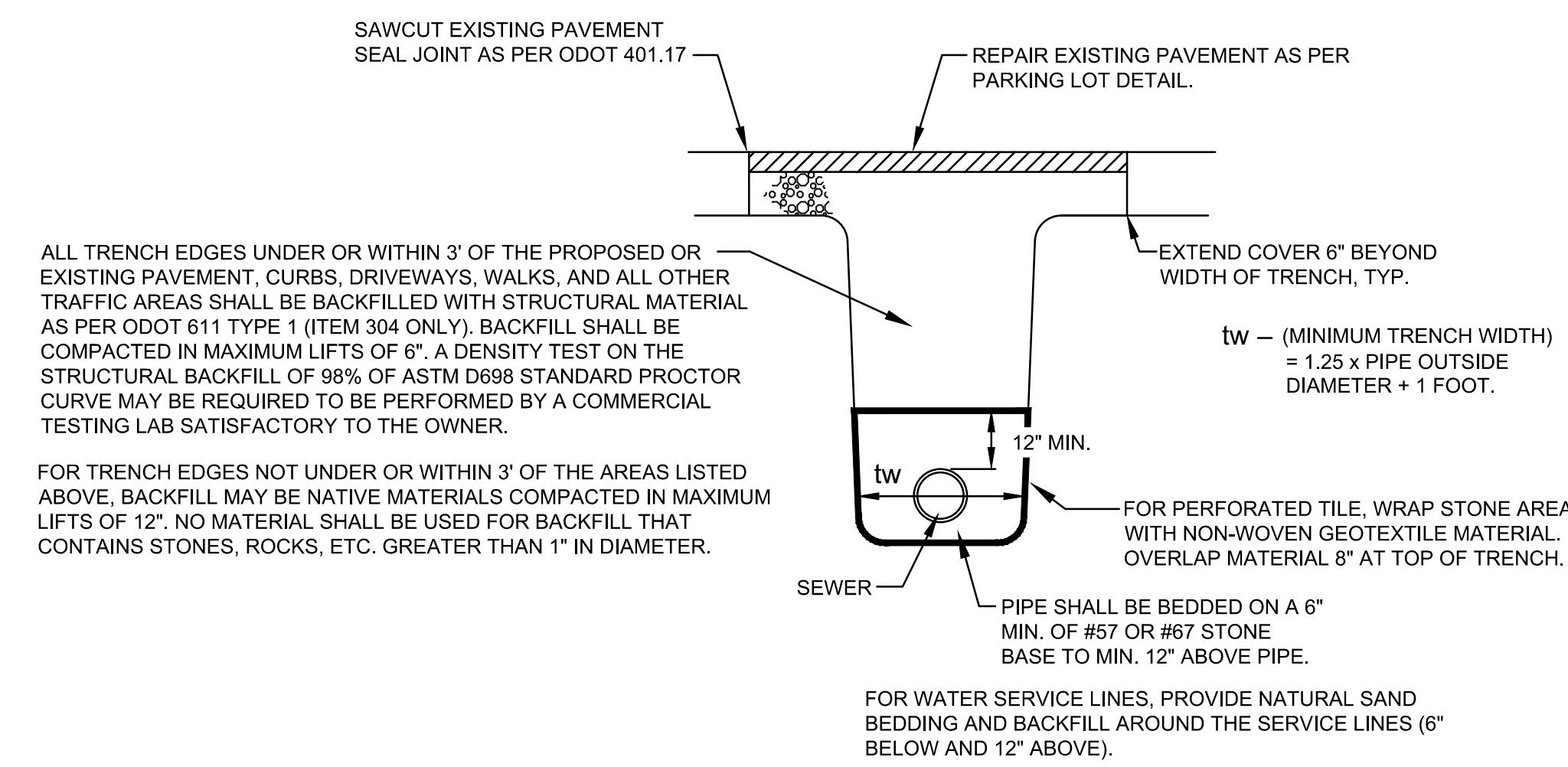
TYPE D
ROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR, LEFT JUSTIFIED.
- 5/8" TALL ROOM NAME RAISED LETTERING, WHITE IN "GOTHIC" FONT, BOLD, IF ONLY ONE LINE OF ROOM NAME IS NEEDED, USE BOTTOM LINE, LEFT JUSTIFIED.
- STAND-OFF MOUNT.

*REMARKS NUMBERS COORDINATE WITH "INTERIOR FINISH REMARKS" NOTES LEGEND ABOVE MATERIALS NOTED IN FINISH TAG SHOULD BE CONSIDERED THE OVERALL FINISHES IN THE ROOM MARKED UNLESS NOTED OTHERWISE WITH KEYNOTES ON FINISH PLAN OR INTERIOR ELEVATIONS.

INTERIOR FINISH REMARKS

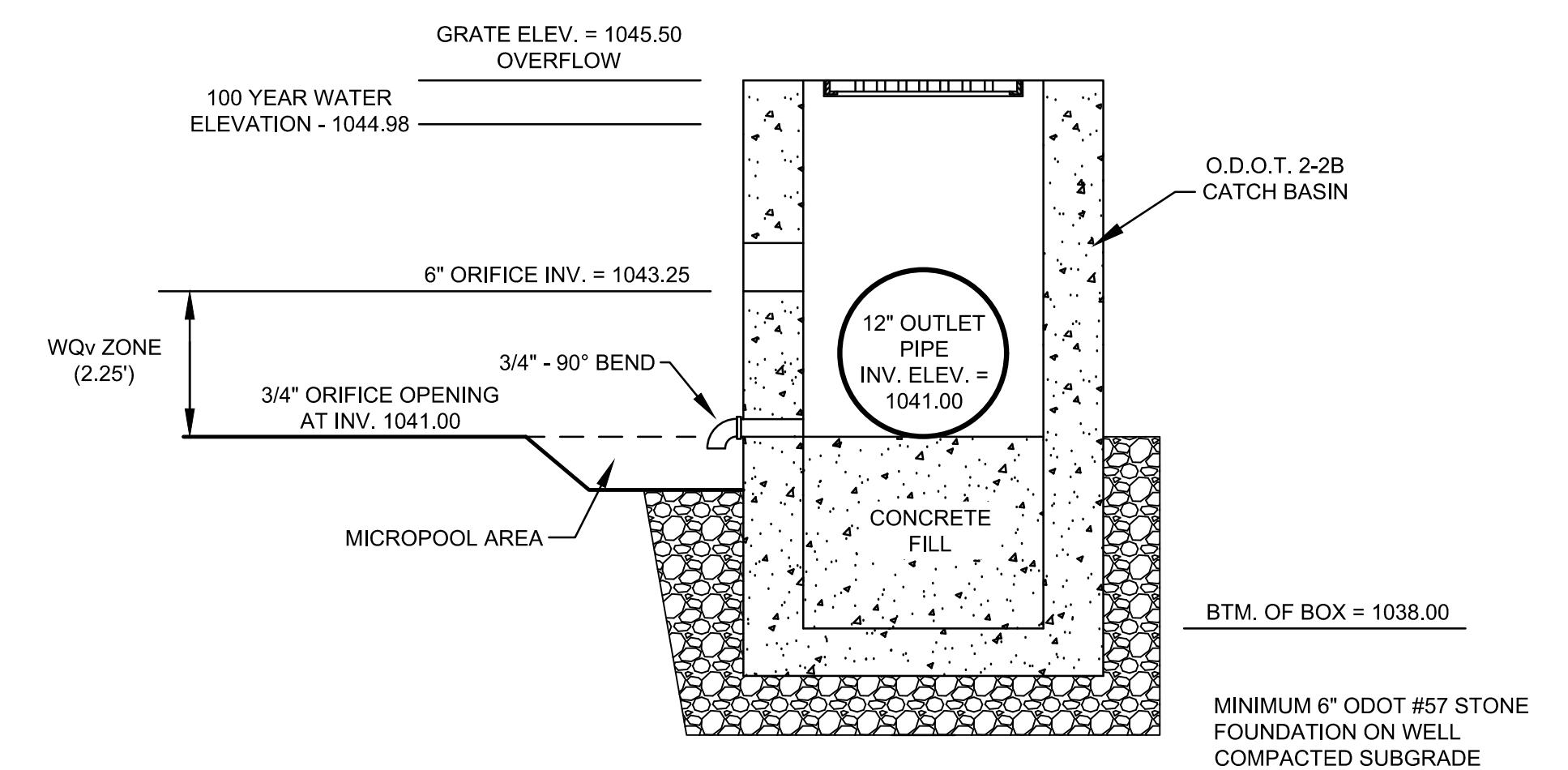
1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH TAG.
2. RESINOUS FLAKE FLOORING AND INTEGRAL COVE BASE AS AN ALTERNATE IN THIS ROOM, U.N.O. REFER TO A9.1 FOR BASE DETAIL.
3. FRP1 FROM 4'-0" TO 4'-4" A.F.F., EP1 FROM 4'-





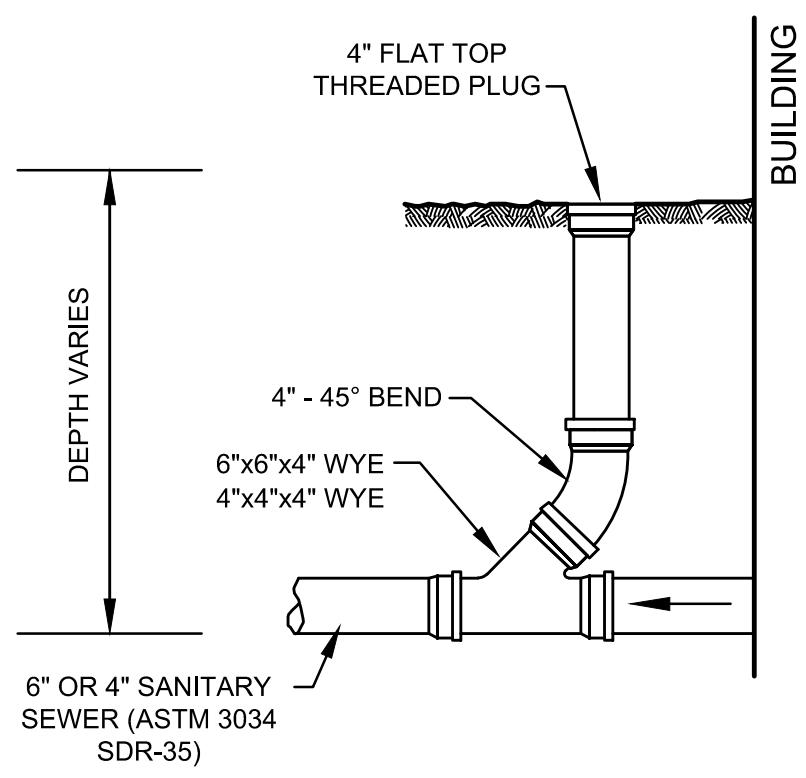
SEWER TRENCH BACKFILL DETAIL

NO SCALE



DISCHARGE STRUCTURE

NO SCALE

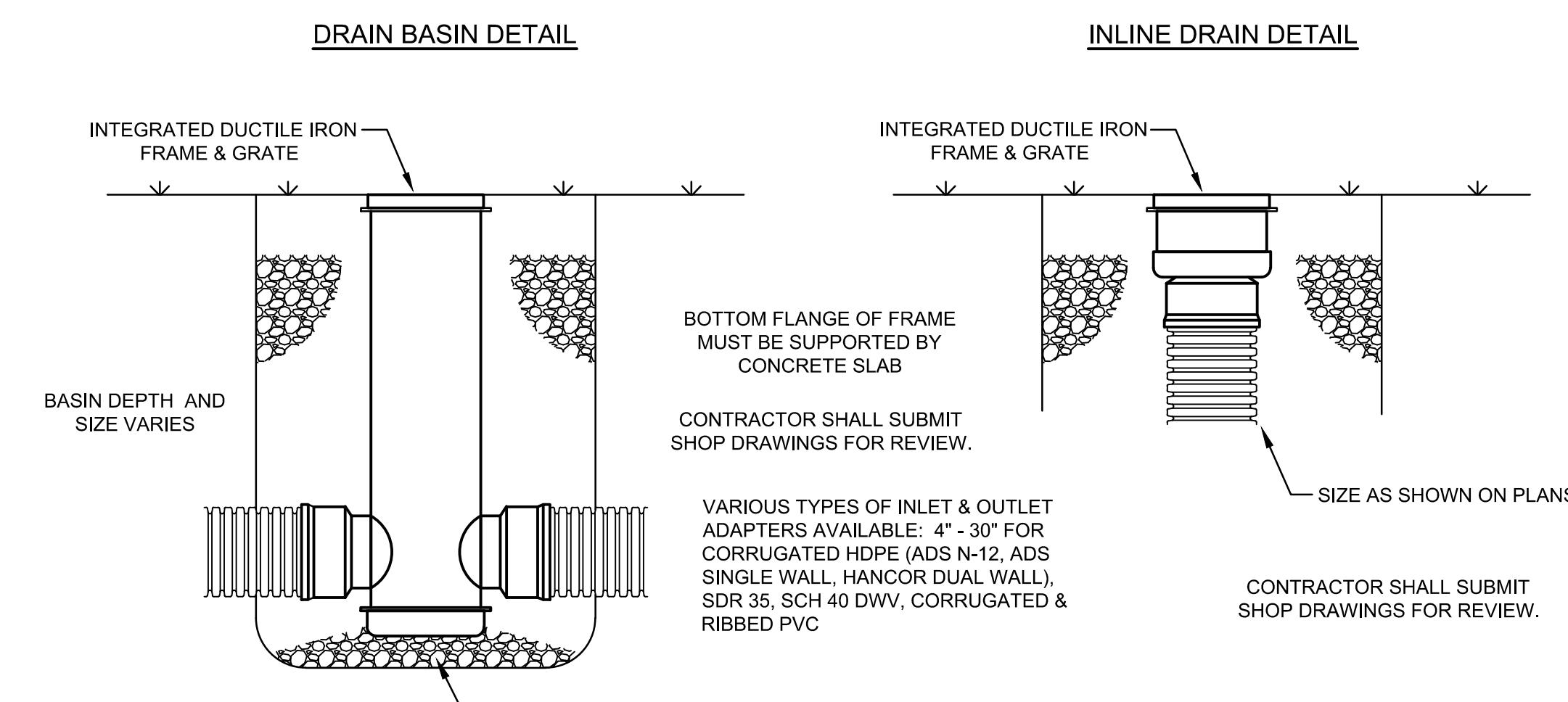


SANITARY CLEANOUT DETAIL

NO SCALE

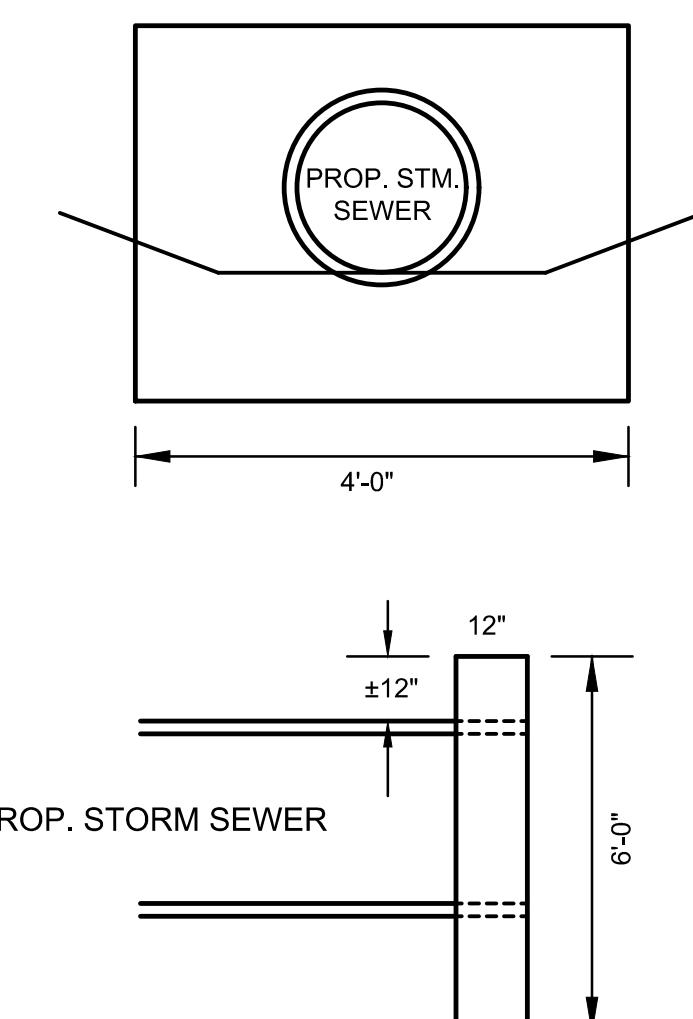
WQv = $Rv * P * A / 12$
 $Rv = 0.05 + 0.5i$ ($i = .46$) $= 0.52/1.14$
 $Rv = 0.44$
 $P = 0.90$
 $A = 1.14$
 $WQv = 0.0376 \text{ acre/foot}$
 $0.0376 * 1.2 = 0.045 \text{ acre/feet} = 1966 \text{ cf}$
 $1966 \text{ cf provided at Elev. 1043.25}$

3/4" orifice
 $= 0.015 \text{ foot}^3/\text{second, average}$
 $.015 \text{ cfs} \times 16 \text{ hours} = 864 \text{ cf}$
 $864/1966 = 44\%$



DRAIN BASIN AND INLINE DRAIN DETAILS

NO SCALE



NOTES:
 CONCRETE SHALL BE O.D.O.T. CLASS QC1.
 REINFORCING STEEL SHALL BE 5/8" REBAR
 18° C/C EACH DIRECTION
 CHAMFER ALL EXPOSED CORNERS 3/4"
 MINIMUM COVER FOR REINFORCING SHALL BE 2"
 INSTALL FINGER STYLE ANIMAL GUARD AT OUTFALL

HEADWALL, AS PER PLAN

NO SCALE

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

NORMAN HARRIS STREET, ARCANUM, OHIO 45300

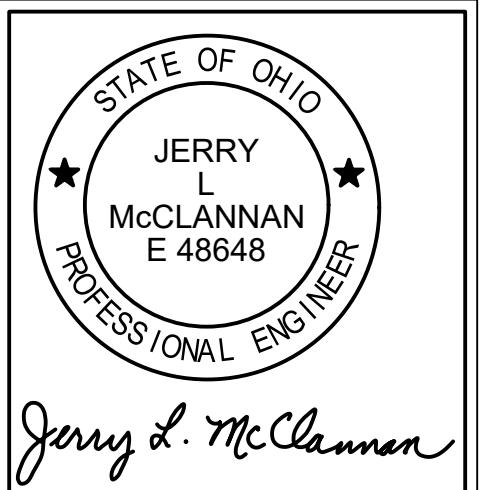
ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS 10/6/2025

PROJECT NUMBER	DRAWN BY	CHECKED BY
23047.03	JLB	JLM

SHEET TITLE:		
CIVIL SITE DETAILS		

SHEET NUMBER:		
C.2.1		

MASTER, OHIO COLUMBUS, OHIO INDIANAPOLIS, INDIANA FT. WAYNE, INDIANA
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ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45331

SITE DESCRIPTION

PROJECT NAME AND LOCATION:
BOOSTER STADIUM IMPROVEMENTS - PHASE 3
310 NORTH MAIN STREET
ARCANUM, OHIO 45304

OWNER NAME AND ADDRESS:
ARCANUM-BUTLER SCHOOL
2011 TROJAN AVENUE
ARCANUM, OHIO 45304

DESCRIPTION: (PURPOSE AND TYPES OF SOIL DISTURBING ACTIVITIES)
THIS PROJECT WILL CONSIST OF THE CONSTRUCTION OF SCHOOL RELATED BUILDINGS ALONG
WITH RELATED STORM SEWERS AND STORM DETENTION INFRASTRUCTURE.

RUNOFF COEFFICIENT: PRE-DEVELOPMENT RUN-OFF COEFFICIENT - 0.20 - GRASS
POST-DEVELOPMENT RUN-OFF COEFFICIENT (ESTIMATED) - 0.73

SITE AREA: THE SITE IS APPROXIMATELY 16.741 ACRES OF WHICH APPROXIMATELY
1.5 ACRE WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

SITE DESCRIPTION: (CHECK ONE)

SUBDIVISION (FUTURE)
OFFICE
INDUSTRIAL
P.U.D.
OTHER

CURRENT LAND USE:
SCHOOL PROPERTY, ATHLETIC
FACILITIES.

SOIL TYPES:
Br - BROOKSTON SILTY CLAY LOAM
Ca - CROSBY SILT LOAM

SEQUENCE OF MAJOR ACTIVITIES: THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL PERIMETER CONTROLS (SILT FENCE).
2. INSTALL CONCRETE WASHOUT AREA.
3. REMOVAL OF EXISTING SITE ITEMS.
4. ROUGH SITE GRADING.
5. CONSTRUCT DRAINAGE AND DETENTION AREAS.
6. CONSTRUCTION OF BUILDINGS AND PAVILION.
7. FINAL SITE GRADING.
8. INSTALL PERMANENT SEEDING.
9. RESEED ANY DISTURBED AREAS.

NAME OF RECEIVING WATERS: PAINTER CREEK. SUBSEQUENT: STILLWATER RIVER

GENERAL NOTES

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL,
WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.

ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND
SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK (2006).

OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF
ADDITIONAL EROSION CONTROL ITEMS, AT THE OWNER'S DISCRETION.

REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT
CONTROL PRACTICES.

THE CONTRACTOR SHALL USE EROSION CONTROL MEASURES AS NECESSARY TO PREVENT
SEDIMENT MOVEMENT INTO AREAS DESIGNATED AS WETLANDS.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ADDITIONAL EROSION AND SEDIMENT CONTROL BMP'S MAY BE REQUIRED AS IDENTIFIED BY THE
DESC INSPECTOR.

SWPPP INSPECTOR: CONTRACTOR

THE CONTRACTOR SHALL PHASE CONSTRUCTION AS NEEDED TO MINIMIZE THE AMOUNT OF
LAND THAT WILL BE DISTURBED AT ANY ONE TIME.

CONTROLS

EROSION AND SEDIMENT CONTROLS:

STABILIZATION PRACTICES

Soil Stabilization: Stabilization of disturbed areas shall, at a minimum, be initiated in
accordance with the time frames specified in the following tables.

Table 1: Permanent Stabilization

Area requiring permanent stabilization	Time frame to apply erosion controls
Any areas that will be dormant for one year or more	Within seven days of the most recent disturbance
Any areas within 50 feet of a surface water of the state and at final grade	Within two days of reaching final grade
Other areas at final grade	Within seven days of reaching final grade within that area

Table 2: Temporary Stabilization

Area requiring temporary stabilization	Time frame to apply erosion controls
Any disturbed areas within 50 feet of a surface water of the state and not at final grade	Within two days of the most recent disturbance if the area will remain idle for more than 14 days
Any disturbed areas that will be dormant for more than 14 days but less than one year, and not within 50 feet of a surface water of the state	Within seven days of the most recent disturbance within the area
For residential subdivisions, disturbed areas must be stabilized at least seven days prior to transfer of permit coverage for the individual lots.	

Disturbed areas that will be idle over winter
Where vegetative stabilization techniques may cause structural instability or are otherwise unobtainable, alternative stabilization techniques must be employed.
Permanent and temporary stabilization are defined in Part VII.

STABILIZATION TYPE	J	F	M	A	M	J	J	A	S	O	N	D
PERMANENT SEEDING			●	●	*	*	*	●				
DORMANT SEEDING	●	●						●	●			
TEMPORARY SEEDING			●	●	*	*	*	●				
SODDING	***	***	***	***	***	***	***					
MULCHING	●	●	●	●	●	●	●	●	●	●	●	●

* - IRRIGATION NEEDED
** - IRRIGATION NEEDED
FOR 2-3 WEEKS AFTER
SOD IS APPLIED

STORMWATER MANAGEMENT

STORMWATER DRAINAGE WILL BE ROUTED TO THE STORM DETENTION AREAS
AND SILT FENCE BEFORE OUTLET TO PAINTER CREEK.

OTHER CONTROLS

WASTE DISPOSAL:

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL
DUMPSTER RENTED FROM A LICENSED SOLID WASTE MANAGEMENT COMPANY. THE DUMPSTER
WILL MEET ALL LOCAL, CITY AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH
AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE
DUMPSTER WILL BE EMPTIED A MINIMUM OF TWICE PER WEEK OR MORE OFTEN IF NECESSARY,
AND THE TRASH WILL BE HAULED OFF-SITE. NO CONSTRUCTION WASTE MATERIALS WILL BE
BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE
FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE OFFICE
TRAILER. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE
RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. ALL CONSTRUCTION AND
DEMOLITION DEBRIS (C&DD) WASTE WILL BE DISPOSED OF IN AN OHIO EPA APPROVED C&DD
LANDFILL AS REQUIRED BY ORC 3714.

HAZARDOUS WASTE:

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL
OR STATE REGULATIONS OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN
THESE PRACTICES. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE
RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE:

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF THREE
TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED
BY LOCAL REGULATION.

OPEN BURNING

NO OPEN BURNING WILL BE PERMITTED ON-SITE.

OFF-SITE VEHICLE TRACKING:
OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION
ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED
STREETS ADJACENT TO THE SITE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR
ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION
SITE WILL BE COVERED WITH A TARPAULIN.

DEWATERING ACTIVITIES:
THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM
DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND,
FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

PROCESS WASTEWATER:
ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE
DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT
WORKS.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT
FENCE WILL BE CONSTRUCTED PRIOR TO ANY OTHER WORK ON THE SITE.

TEMPORARY AND PERMANENT STABILIZATION SHALL BE PERFORMED AS PER TABLE 1 AND
TABLE 2, AS SHOWN ON THIS SHEET.

INVENTORY FOR POLLUTION PREVENTION PLAN

SILT FENCE
CONSTRUCTION ENTRANCE
CONCRETE WASHOUT
INLET PROTECTION
TEMPORARY AND PERMANENT SEEDING

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE
THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO
STORMWATER RUNOFF.

GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED
ON-SITE DURING THE CONSTRUCTION PROJECT.

1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
2. ALL MATERIALS STORED ON-SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR
APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL
MANUFACTURER'S LABEL.
4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE
MANUFACTURER.
5. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE
CONTAINER.
6. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE
FOLLOWED.
7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL
OF MATERIALS ON-SITE.

HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED
WITH HAZARDOUS MATERIALS.

1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN
IMPORTANT PRODUCT INFORMATION.
3. IF SURFACE PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE
RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

ISSUANCES/REVISIONS		
CONSTRUCTION DOCUMENTS 10/6/2008		

PROJECT NUMBER: 23047.03	DRAWN BY: TJB	CHECKED BY: JLM
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SHEET TITLE: STORM WATER POLLUTION PREVENTION PLAN		
SHEET NUMBER: C3.1		
Mote & Associates Engineering, Land Surveying 214 W. Fourth St., Greenville, OH 45331 937.548.7511 www.moteassociates.com		

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO: BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL.
5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED OF AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).
6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON SITE.

DUST CONTROL

DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ON SITE:

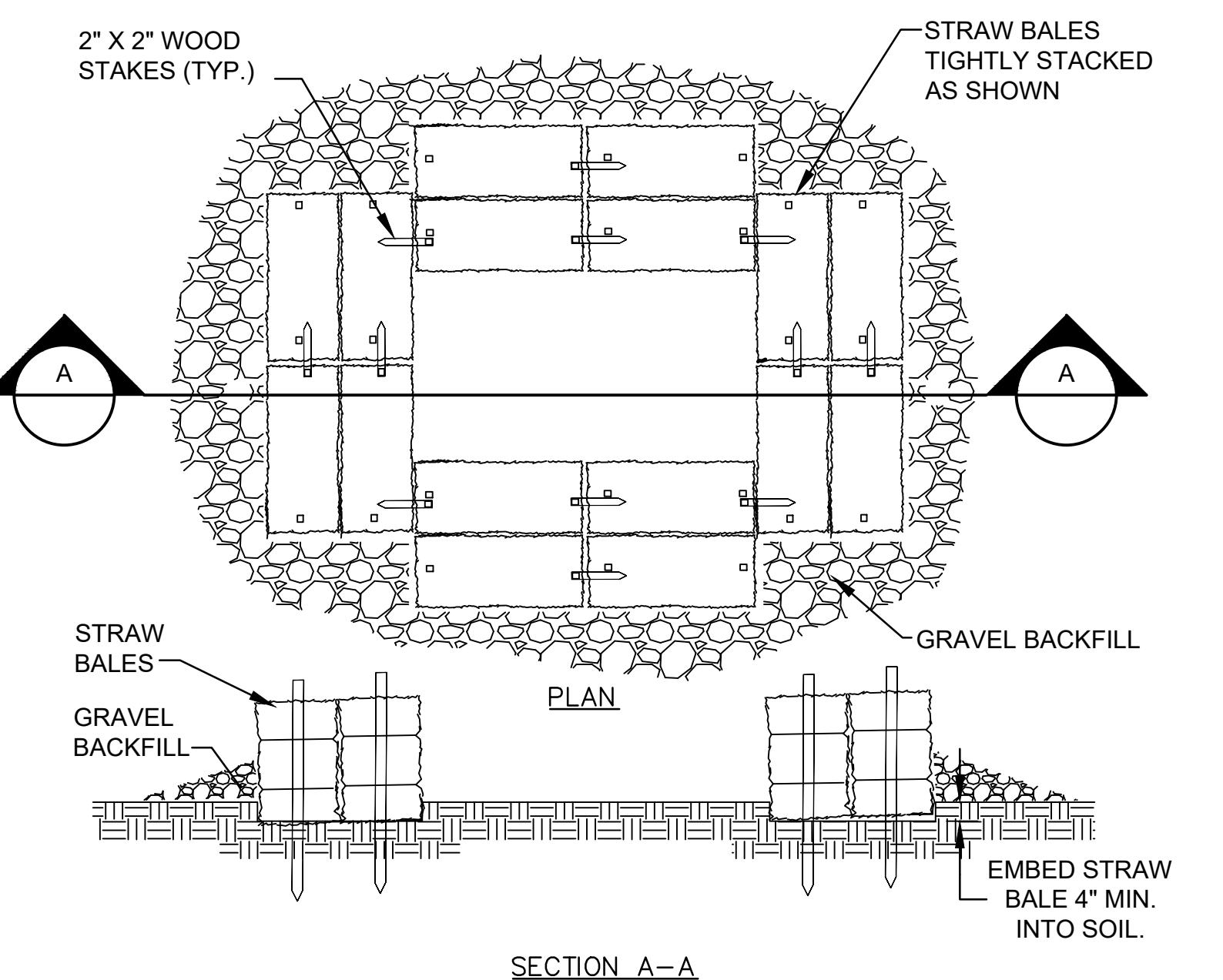
1. VEGETATIVE COVER AND/MULCH - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
2. WATERING - SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS' INSTRUCTIONS.
3. SPRAY-ON ADHESIVES - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.

ADHESIVE	WATER DILUTION (ADHESIVE: WATER)	NOZZLE TYPE	APPLICATION RATE GAL./AC.
LATEX EMULSION	12.5:1	FINE	235
RESIN IN WATER ACRYLIC EMULSION (NO-TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO-TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350

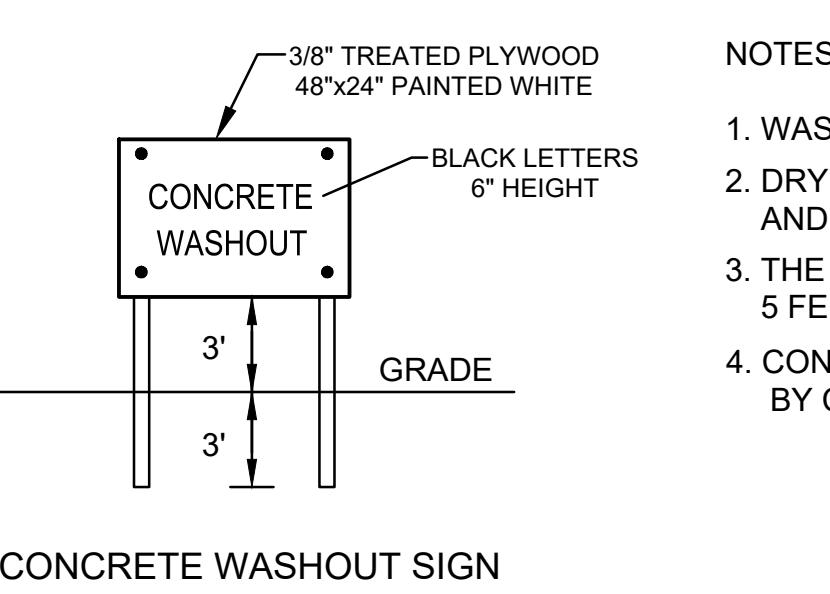
4. STONE - GRADED ROADWAYS AND OTHER SUITABLE AREAS WILL BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
5. BARRIERS - EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT TO CONTROL AIR CURRENTS AND BLOWING SOIL.
6. CALCIUM CHLORIDE - THIS CHEMICAL MAY BE APPLIED BY MECHANICAL SPREADER AS LOOSE, DRY GRANULES OR FLAKES AT A RATE THAT KEEPS THE SURFACE MOIST BUT NOT SO HIGH AS TO CAUSE WATER POLLUTION OR PLANT DAMAGE. APPLICATION RATES SHOULD BE STRICTLY IN ACCORDANCE WITH SUPPLIERS' SPECIFIED RATES.
7. OPERATION AND MAINTENANCE - WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH CONTROL.
8. STREET CLEANING - PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET - TYPE ENDLOADER OR SCRAPER.

CONCRETE WASHOUT

SPECIFICATIONS FOR CONCRETE WASHOUT



1. THE RESIDUE OR CONTENTS OF ALL CONCRETE MIXERS, DUMP TRUCKS, OTHER CONVEYANCE EQUIPMENT AND FINISHING TOOLS SHALL BE WASHED INTO CONCRETE CLEAN-OUT STRUCTURES CONSISTING OF A STRAW BALE BARRIER WITH GRAVEL BACKFILL. THE LENGTH AND WIDTH OF THESE STRUCTURES SHALL BE AS DETERMINED BY THE CONTRACTOR TO FACILITATE THE PARTICULAR EQUIPMENT USED. THESE STRUCTURES SHALL BE CONSTRUCTED ON LEVEL GROUND AT LEAST 100' FROM THE NEAREST WATERCOURSE, DRAINAGE SWALE OR INLET. AT NO TIME SHALL THE STRUCTURE BE ALLOWED TO BE MORE THAN 50% FULL. THE CONTRACTOR SHALL MAINTAIN THESE PONDS UNTIL ALL CONCRETE PLACEMENT IS COMPLETE FOR THE PROJECT.
2. EMBED THE STRAW BALES 4" INTO THE SOIL. PROVIDE TWO ROWS OF BALES, AS SHOWN ON THE DETAIL, WITH ENDS AND CORNERS TIGHTLY ABUTING. ORIENT THE STRAW BALES LENGTHWISE WITH BINDINGS AROUND THE SIDES OF THE BALES SO THE WIRE DOES NOT CONTACT THE SOIL. DRIVE 2"X2" WOOD STAKES THROUGH EACH BALE, TO SECURELY ANCHOR THE BALE AND CONNECT ADJACENT BALES. GRAVEL BACKFILL SHALL BE PROVIDED AND TAMPED AROUND THE OUTSIDE PERIMETER OF THE BALES TO PREVENT EROSION AND FLOW AROUND THE BALES.
3. THE INTENT OF THESE STRUCTURES IS TO COLLECT ALL CONCRETE WASH OUT WATER AND ALLOW IT TO DRY TO A SOLID MATERIAL. AFTER DRYING, THE SOLID MATERIAL CAN BE REMOVED WITH A LOADER OR EXCAVATOR FOR PROPER DISPOSAL. WASH OUT WILL NOT BE PERMITTED IN ANY OTHER AREAS.
4. USE THE MINIMUM AMOUNT OF WATER TO WASH THE VEHICLES AND EQUIPMENT. NEVER DISPOSE OF WASH OUT INTO THE STREET, STORM INLET, DRAINAGE SWALE OR WATERCOURSE. DISPOSE OF SMALL AMOUNTS OF EXCESS DRY CONCRETE, GROUT AND MORTAR IN THE TRASH. ANY SOAPS THAT ARE UTILIZED SHALL BE PHOSPHATE-FREE AND BIODEGRADABLE.
5. ADDITIONAL CONCRETE CLEAN-OUT STRUCTURES SHALL BE CONSTRUCTED WITHIN THE SPECIFIED AREA AS NEEDED BASED UPON THE VOLUME OF WASH OUT GENERATED DAILY.



NOTES:

1. WASHOUT LOCATION SHALL BE AS PRE-APPROVED.
2. DRY CONCRETE TO BE REMOVED FROM SITE PERIODICALLY AND DISPOSED OF BY APPROVED METHODS.
3. THE CONCRETE WASHOUT SIGN SHALL BE LOCATED WITHIN 5 FEET OF THE WASHOUT AREA.
4. CONCRETE WASHOUT INSTALLED, MAINTAINED AND REMOVED BY CONTRACTOR.



MASTER, OHIO COLUMBUS, OHIO INDIANAPOLIS, INDIANA FT. WAYNE, INDIANA
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ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

316 NORTH MAIN STREET, ARCANUM, OHIO 45304

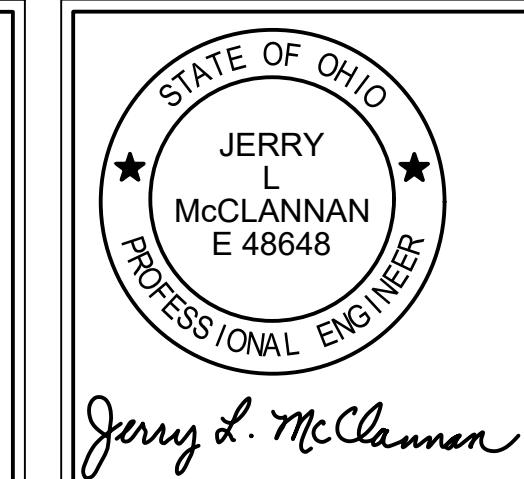
ISSUANCES/REVISIONS

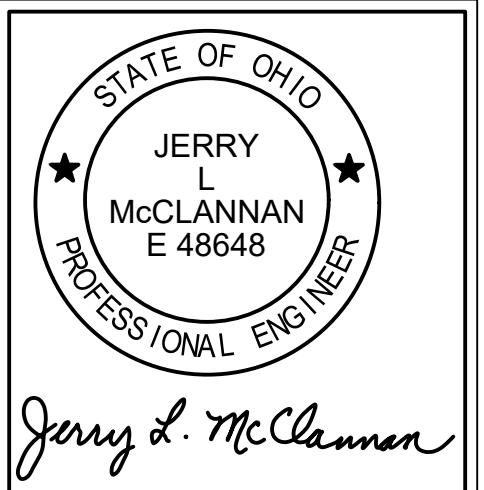
CONSTRUCTION DOCUMENTS 10/06/2016

PROJECT NUMBER: 23047.03
DRAWN BY: TJB
CHECKED BY: JLM

SHEET TITLE: STORM WATER POLLUTION PREVENTION PLAN

SHEET NUMBER: C3.2
214 W. Fourth St., Greenville, OH 45331 937.548.7511 www.moteassociates.com





MINTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FT. WAYNE, INDIANA

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ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

SILT FENCE

DESCRIPTION

A SILT FENCE IS A SEDIMENT-TRAPPING PRACTICE UTILIZING A GEOTEXTILE FENCE, TOPOGRAPHY AND SOMETIMES VEGETATION TO CAUSE SEDIMENT DEPOSITION. SILT FENCE REDUCES RUNOFF'S ABILITY TO TRANSPORT SEDIMENT BY PONDING RUNOFF AND DISSIPATING SMALL RILLS OF CONCENTRATED FLOW INTO UNIFORM SHEET FLOW. SILT FENCE IS USED TO PREVENT SEDIMENT-LADEN SHEET RUNOFF FROM ENTERING INTO DOWNSTREAM CREEKS AND SEWER SYSTEMS.

SPECIFICATIONS FOR SILT FENCE

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
4. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
7. THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6 INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED ON BOTH SIDES OF THE FABRIC.
9. SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6 INCHES OVERLAP PRIOR TO DRIVING INTO THE GROUND. (SEE DETAILS)
10. MAINTENANCE - SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.

SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPAIRED IMMEDIATELY.

CRITERIA FOR SILT FENCE MATERIALS:

1. FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32 INCHES LONG. WOOD POSTS WILL BE 2-BY-2 INCH NOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS THAT WILL WEAKEN THE POSTS. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT. POSTS SHALL BE DRIVEN A MINIMUM 16 INCHES INTO THE GROUND, WHERE POSSIBLE. IF NOT POSSIBLE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT/WATER LOADING.
2. SILT FENCE FABRIC (SEE CHART):

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS. (535 N)	ASTM D 4632
MAXIMUM ELONGATION AT 60 LBS	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220 N)	ASTM D 4833
MINIMUM TEAR STRENGTH	40 LBS (180 N)	ASTM D 4533
APPARENT OPENING SIZE	< OR = 0.84 MM	ASTM D4751
MINIMUM PERMITTIVITY	1X10-2 SEC. -1	ASTM D 4491
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4355

PRODUCT SPECIFIC PRACTICES

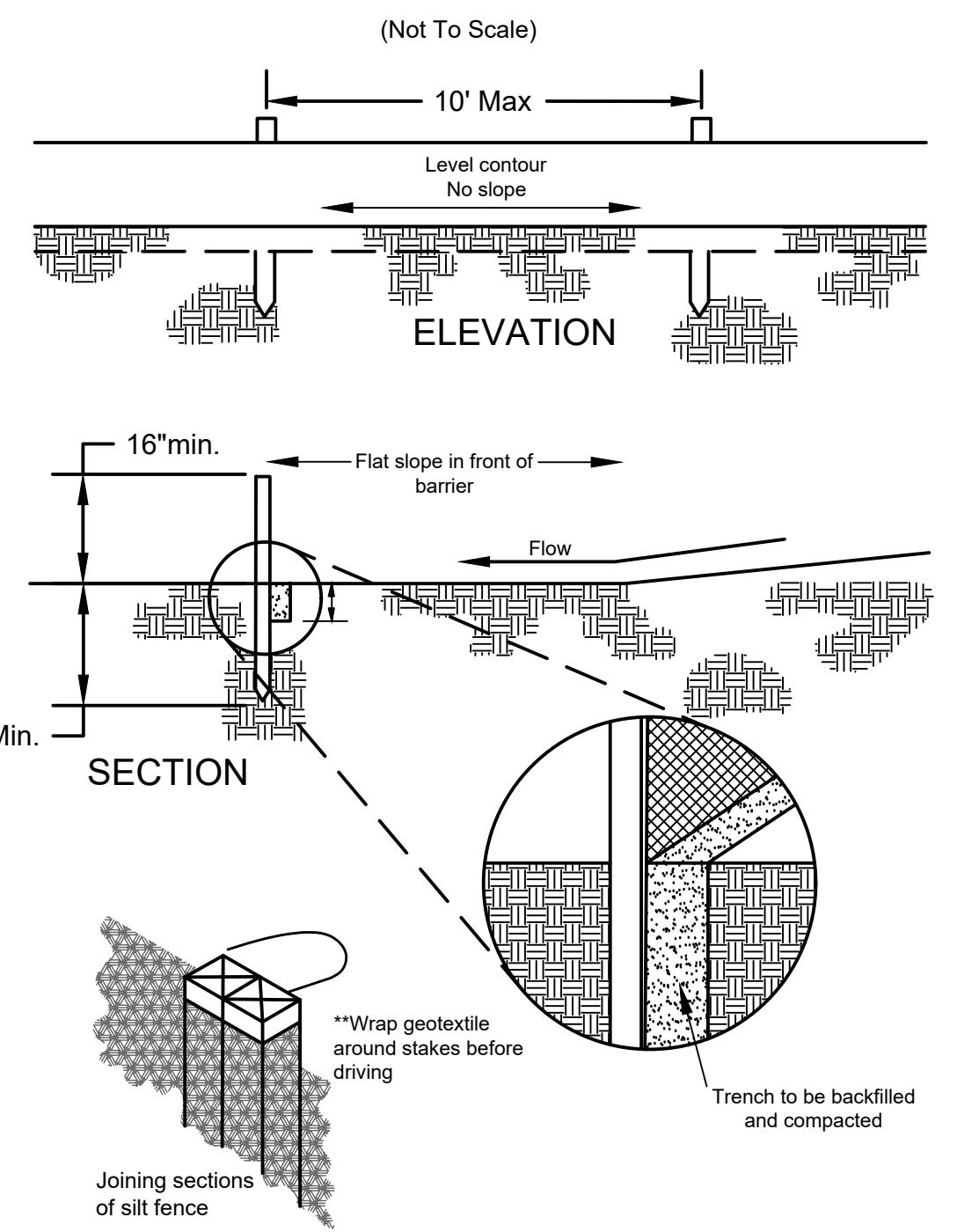
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS - ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.

FERTILIZERS - FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS - ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.



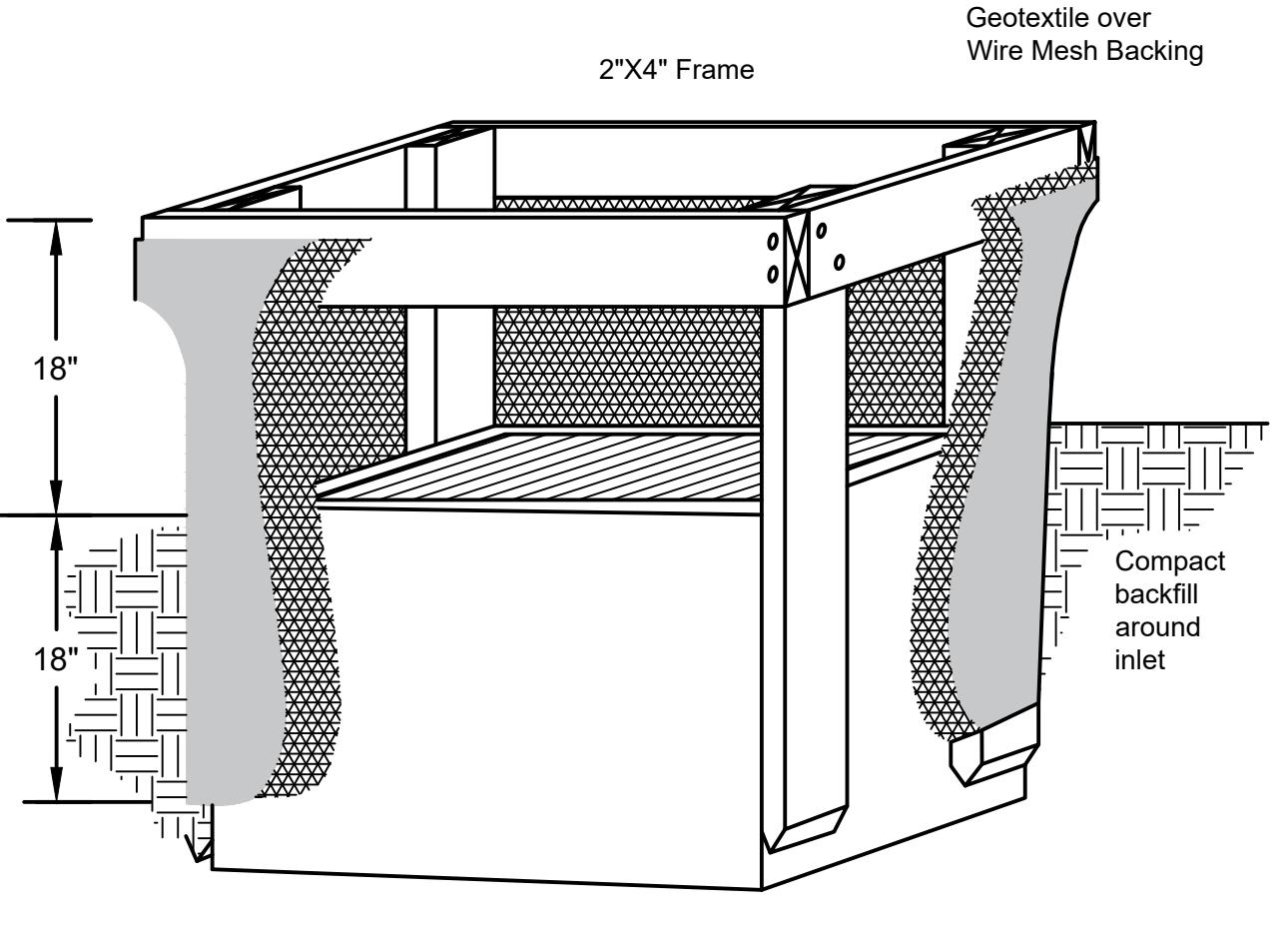
INLET PROTECTION

DESCRIPTION

STORM DRAIN INLET PROTECTION DEVICES REMOVE SEDIMENT FROM STORM WATER BEFORE IT ENTERS STORM SEWERS AND DOWNSTREAM AREAS. INLET PROTECTION DEVICES ARE SEDIMENT BARRIERS THAT MAY BE CONSTRUCTED OF WASHED GRAVEL OR CRUSHED STONE, GEOTEXTILE FABRICS AND OTHER MATERIALS THAT ARE SUPPORTED AROUND OR ACROSS STORM DRAIN INLETS.

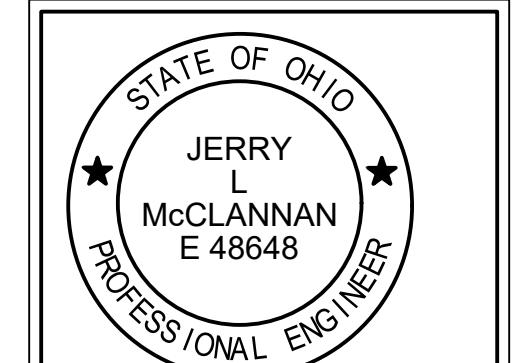
INLET PROTECTION IS INSTALLED TO CAPTURE SOME SEDIMENT AND REDUCE THE MAINTENANCE OF STORM SEWERS AND OTHER UNDERGROUND PIPING SYSTEMS PRIOR TO THE SITE BEING STABILIZED. DUE TO THEIR POORER EFFECTIVENESS, INLET PROTECTION IS CONSIDERED A SECONDARY SEDIMENT CONTROL TO BE USED IN CONJUNCTION WITH OTHER MORE EFFECTIVE CONTROLS.

SPECIFICATIONS FOR GEOTEXTILE INLET PROTECTION



SECTION

1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL.
2. THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 INCHES.
3. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2 INCHES BY 4 INCHES CONSTRUCTION GRADE LUMBER. THE 2 INCHES BY 4 INCHES POSTS SHALL BE DRIVEN ONE (1) FT. INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2 INCHES BY 4 INCHES FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6 INCHES BELOW ADJACENT ROADS OF PONDED WATER WILL POSE A SAFETY HAZARD TO TRAFFIC.
4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
5. GEOTEXTILE MATERIAL SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
6. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 INCHES LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
7. A COMPACTED EARTH DIKE OR CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION. THE TOP OF THE DIKE SHALL BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.

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ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

TEMPORARY SEEDING

DESCRIPTION

TEMPORARY SEEDINGS ESTABLISH TEMPORARY COVER ON DISTURBED AREAS BY PLANTING APPROPRIATE RAPIDLY GROWING ANNUAL GRASSES OR SMALL GRAINS. TEMPORARY SEEDING PROVIDES EROSION CONTROL ON AREAS IN BETWEEN CONSTRUCTION OPERATIONS. GRASSES WHICH ARE QUICK GROWING ARE SEDED AND USUALLY MULCHED TO PROVIDE PROMPT, TEMPORARY SOIL STABILIZATION. IT EFFECTIVELY MINIMIZES THE AREA OF A CONSTRUCTION SITE PRONE TO EROSION AND SHOULD BE USED EVERYWHERE THE SEQUENCE OF CONSTRUCTION OPERATIONS ALLOWS VEGETATION TO BE ESTABLISHED.

SPECIFICATIONS FOR TEMPORARY SEEDING

TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	LB./1,000 SF.	LB. PER AC.
MARCH 1 TO AUGUST 15	OATS	3	128 LB.(4 BUSHEL)
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	ANNUAL RYEGRASS	1.25	55 LB.
	PERENNIAL RYEGRASS	3.25	142 LB.
	CREEPING RED FESCUE	0.4	17 LB.
	KENTUCKY BLUEGRASS	0.4	17 LB.
AUGUST 16 TO NOVEMBER 1	OATS	3	128 LB.(3 BUSHEL)
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	120 LB.(2 BUSHEL)
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYE	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	ANNUAL RYEGRASS	1.25	40 LB.
NOV. 1 TO SPRING SEEDING		USE MULCH ONLY, SODDING PRACTICES OR DORMANT SEEDING.	
NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.			

- STRUCTURAL EROSION AND SEDIMENT-CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
- TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OPERATIONS ON SOIL THAT WILL NOT BE GRADED OR REWORKED FOR 14 DAYS OR GREATER. THESE IDLE AREAS SHALL BE SEDED WITHIN 2 DAYS AFTER GRADING.
- THE SEDED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEEDBED PREPARATION IS NOT POSSIBLE.
- SOIL AMENDMENTS-TEMPORARY VEGETATION SEEDING RATE SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. BASE RATE FOR LIME AND FERTILIZER SHALL BE USED.
- SEEDING METHOD-SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SPREADER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON SITE, AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

MULCHING TEMPORARY SEEDING

- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES ON FAVORABLE VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.
- MATERIALS:
 - STRAW-IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE OR 90 LB. PER 1,000 SQUARE FEET (TWO TO THREE BALES).
 - HYDROSEEDERS-IF WOOD-CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB. PER ACRE OR 46 LB. PER 1,000 SQUARE FEET.
 - OTHER-OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 6 TONS PER ACRE.
- STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS:
 - MECHANICAL-A DISK, CRIMPER, OR SIMILAR TYPE TOOL SHALL BE SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT, LEFT TO A LENGTH OF APPROXIMATELY 6 INCHES.
 - MULCH NETTINGS-NETTINGS SHALL BE USED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. NETTING MAY BE NECESSARY TO HOLD MULCH IN PLACE IN AREAS OF CONCENTRATION RUNOFF AND ON CRITICAL SLOPES.
 - SYNTHETIC BINDERS-SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.
 - WOOD-CELLULOSE FIBER-WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB. PER ACRE. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER, AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB. PER 100 GALLONS.

INSPECTION:

THE SITE WILL BE INSPECTED PER OHIO EPA PERMIT No. OHC000005: PART II.G.2.i.

INSPECTIONS. THE PERMITTEE SHALL ASSIGN "QUALIFIED INSPECTION PERSONNEL" TO CONDUCT INSPECTIONS TO ENSURE THAT THE CONTROL PRACTICES ARE FUNCTIONAL AND TO EVALUATE WHETHER THE SWP3 IS ADEQUATE AND PROPERLY IMPLEMENTED IN ACCORDANCE WITH THE SCHEDULE PROPOSED IN PART II.G.1.G OF THE OHC000005 PERMIT OR WHETHER ADDITIONAL CONTROL MEASURES ARE REQUIRED. AT A MINIMUM, PROCEDURES IN A SWP3 SHALL PROVIDE THAT ALL CONTROLS ON THE SITE ARE INSPECTED:

- * AFTER ANY STORM EVENT GREATER THAN ONE-HALF INCH OF RAIN PER 24-HOUR PERIOD BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED; AND
- * ONCE EVERY SEVEN CALENDAR DAYS.

THE INSPECTION FREQUENCY MAY BE REDUCED TO AT LEAST ONCE EVERY MONTH FOR DORMANT SITES IF:

- * THE ENTIRE SITE IS TEMPORARILY STABILIZED OR
- * RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR EXTENDED PERIODS OF TIME (E.G. SITE IS COVERED WITH SNOW, ICE, OR THE GROUND IS FROZEN).
- * THE PERMITTEE SUBMITS AN APPROVED WAVER REQUEST TO THE OEP.

THE BEGINNING AND ENDING DATES OF ANY REDUCED INSPECTION FREQUENCY SHALL BE DOCUMENTED IN THE SWP3. ONCE A DEFINABLE AREA HAS ACHIEVED FINAL STABILIZATION, THE AREA MAY BE MARKED ON THE SWP3 AND NO FURTHER INSPECTION REQUIREMENTS SHALL APPLY TO THAT PORTION OF THE SITE.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

- THE INSPECTION DATE; THE INSPECTION DATE;
- NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION; NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
- WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION) WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IN THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF RAINFALL FOR EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
- WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION; WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
- LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE; LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
- LOCATION(S) OF BMPs THAT NEED TO BE MAINTAINED;
- LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION; LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
- LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND LOCATIONS WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND
- CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF OR THE POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE SWP3 SHALL BE OBSERVED TO ENSURE THAT THOSE ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE VEHICLE TRACKING.

THE PERMITTEE SHALL MAINTAIN FOR THREE YEARS FOLLOWING THE SUBMITTAL OF A NOTICE OF TERMINATION FORM, A RECORD SUMMARIZING THE RESULTS OF THE INSPECTION, NAMES(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWP3 AND A CERTIFICATION AS TO WHETHER THE FACILITY IS IN COMPLIANCE WITH THE SWP3 AND THE PERMIT AND IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE. THE RECORD AND CERTIFICATION SHALL BE SIGNED IN ACCORDANCE WITH PART V.G. OF THIS PERMIT.

- WHEN PRACTICES REQUIRE REPAIR OR MAINTENANCE. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE IS IN NEED OF REPAIR OR MAINTENANCE, WITH THE EXCEPTION OF A SEDIMENT SETTLING POND, IT SHALL BE REPAIRED OR MAINTAINED WITHIN 3 DAYS OF THE INSPECTION. SEDIMENT SETTLING PONDS SHALL BE REPAIRED OR MAINTAINED WITHIN 10 DAYS OF THE INSPECTION.
- WHEN PRACTICES FAIL TO PROVIDE THEIR INTENDED FUNCTION. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE FAILS TO PERFORM ITS INTENDED FUNCTION AND THAT ANOTHER, MORE APPROPRIATE CONTROL PRACTICE IS REQUIRED, THE SWP3 SHALL BE AMENDED AND THE NEW CONTROL PRACTICE SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
- WHEN PRACTICES DEPICTED ON THE SWP3 ARE NOT INSTALLED. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE HAS NOT BEEN IMPLEMENTED IN ACCORDANCE WITH THE SCHEDULE CONTAINED IN PART III.G.1.H OF THIS PERMIT, THE CONTROL PRACTICE SHALL BE IMPLEMENTED WITHIN 10 DAYS FROM THE DATE OF THE INSPECTION. IF THE INSPECTION REVEALS THAT THE PLANNED CONTROL PRACTICE IS NOT NEEDED, THE RECORD SHALL CONTAIN A STATEMENT OF EXPLANATION AS TO WHY THE CONTROL PRACTICE IS NOT NEEDED.

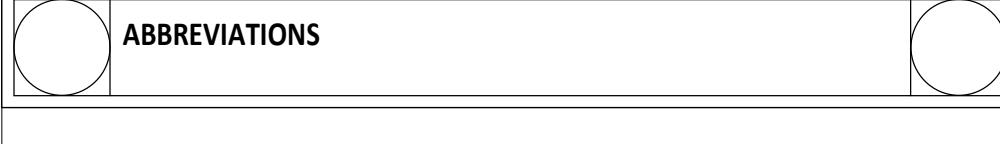
- VEGETATIVE PLANTINGS - SPRING PLANTINGS WILL BE CHECKED DURING SUMMER OR EARLY FALL.
- REPAIRS - ANY EROSION CONTROL MEASURES, STRUCTURAL MEASURES, OR OTHER RELATED ITEMS IN NEED OF REPAIR WILL BE MADE WITHIN 3 DAYS.
- MOWING - DRAINAGE WAYS, DITCHES, AND OTHER AREAS THAT SUPPORT A DESIGNED FLOW OF WATER WILL BE MOWED REGULARLY TO MAINTAIN THAT FLOW.
- FERTILIZATION - SEDED AREAS WHERE THE SEED HAS NOT PRODUCED A GOOD COVER WILL BE INSPECTED AND FERTILIZED AS NECESSARY.

ISSUANCES/REVISIONS		
CONSTRUCTION DOCUMENTS 10/6/2016		

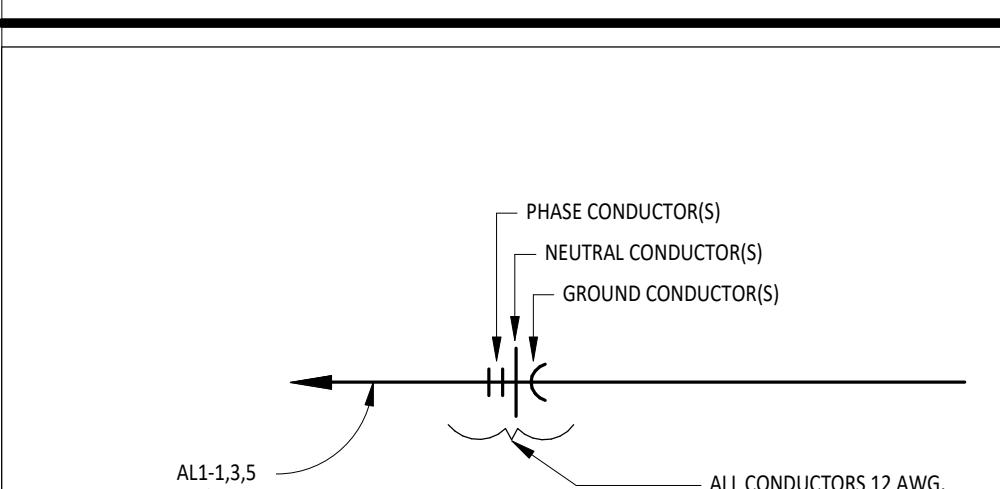
PROJECT NUMBER: 23047.03	DRAWN BY: TJB	CHECKED BY: JLM
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SHEET TITLE: STORM WATER POLLUTION PREVENTION PLAN		
SHEET NUMBER: C.4		
214 W. Fourth St., Greenville, OH 45351 937.548.7511 www.moteassociates.com		

NOTE: ABBREVIATIONS USED ON THESE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.	
L	LOC
LSIG	LOCATION
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND FAULT PROTECTION
A	AMPS, AMPERE, AMPERAGE
A/V	AUDIO/VIDEO
AC	ACROSS-COUNTER
ac	ALTERNATING CURRENT
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AGF	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CURRENT
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
B	BREAKER
BTM	BOTTOM
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CU	COPPER
D	DIRECT CURRENT
DC	DIA. DIAMETER
E	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALIC TUBING
EX	EXISTING
F	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FDR	FEEDER
FLA	FULL LOAD AMPS
FUT	FUTURE
G	GEN
GFI OR GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP OR GFFE	GROUND FAULT PROTECTION OF EQUIPMENT
GND	GROUND
H	HOA
HP	HAND-OFF-AUTO
HT	HORSEPOWER
I	IEEE
IG	ISOLATED GROUND
K	KCMIL
KV	THOUSAND CIRCULAR MILS
KVA	KILOVOLT
KVA	KILOVOLT AMPS
KVAR	KILOVOLT AMPS REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR



DEMOLITION (IF APPLICABLE)		
SOLID SYMBOL: INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED.	REFERS TO DEMOLITION PLANS	NOTES
SOLID SYMBOL: LIGHTER IN COLOR INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN.	REFERS TO DEMOLITION PLANS	NOTES



NOTES:
1. 12 AWG IS MIN. CONDUCTOR SIZE, EXCEPT AS NOTED.
2. 1/2" CONDUIT IS MIN. SIZE, EXCEPT AS CAPACITY PERMITTING 24 VOLT CONTROL CONDUCTOR.
3. PROVIDE DEDICATED NEUTRALS.

1 KEY TO ELECTRICAL CIRCUIT WIRING
EL.1 NTS

RACEWAY & CONDUCTORS		
SYMBOL	DESCRIPTION	MOUNTING LOC. HT.
	TICK MARKS DENOTING CONDUCTOR IDENTIFICATION. REFER TO KEY TO ELECTRICAL CIRCUIT WIRING FOR MORE INFORMATION.	
	CONCEALMENT IN CEILING, WALL, OR FLOOR OF NEW CONSTRUCTION. CONCEALED WHEREVER POSSIBLE IN AREA OF NEW STRUCTURE OR EXISTING CONSTRUCTION.	
	HOMERUN TO PANEL OR LOCATION NOTED	
	SURFACE MOUNT RACEWAY. REFER TO PLANS FOR TYPE.	
	WIRE MESH CABLE TRAY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.	
	CONDUIT TURNS	DOWN UP

LIGHTING FIXTURE SYMBOLS		
REFER TO LUMINAIRE SCHEDULE FOR ALL FIXTURE TYPES AND ADDITIONAL INFORMATION.		
SYMBOL	DESCRIPTION	MOUNTING LOC. HT.

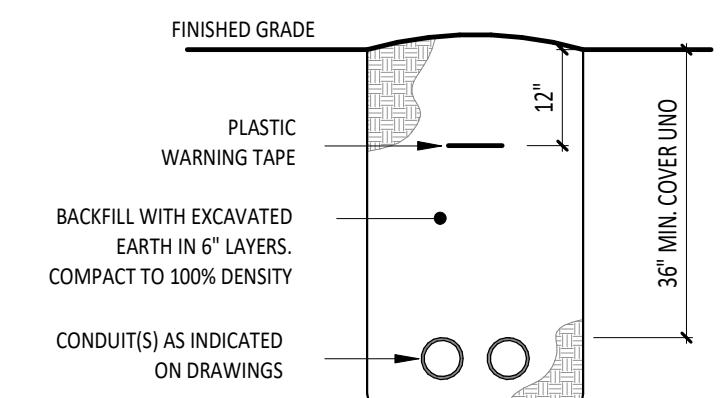
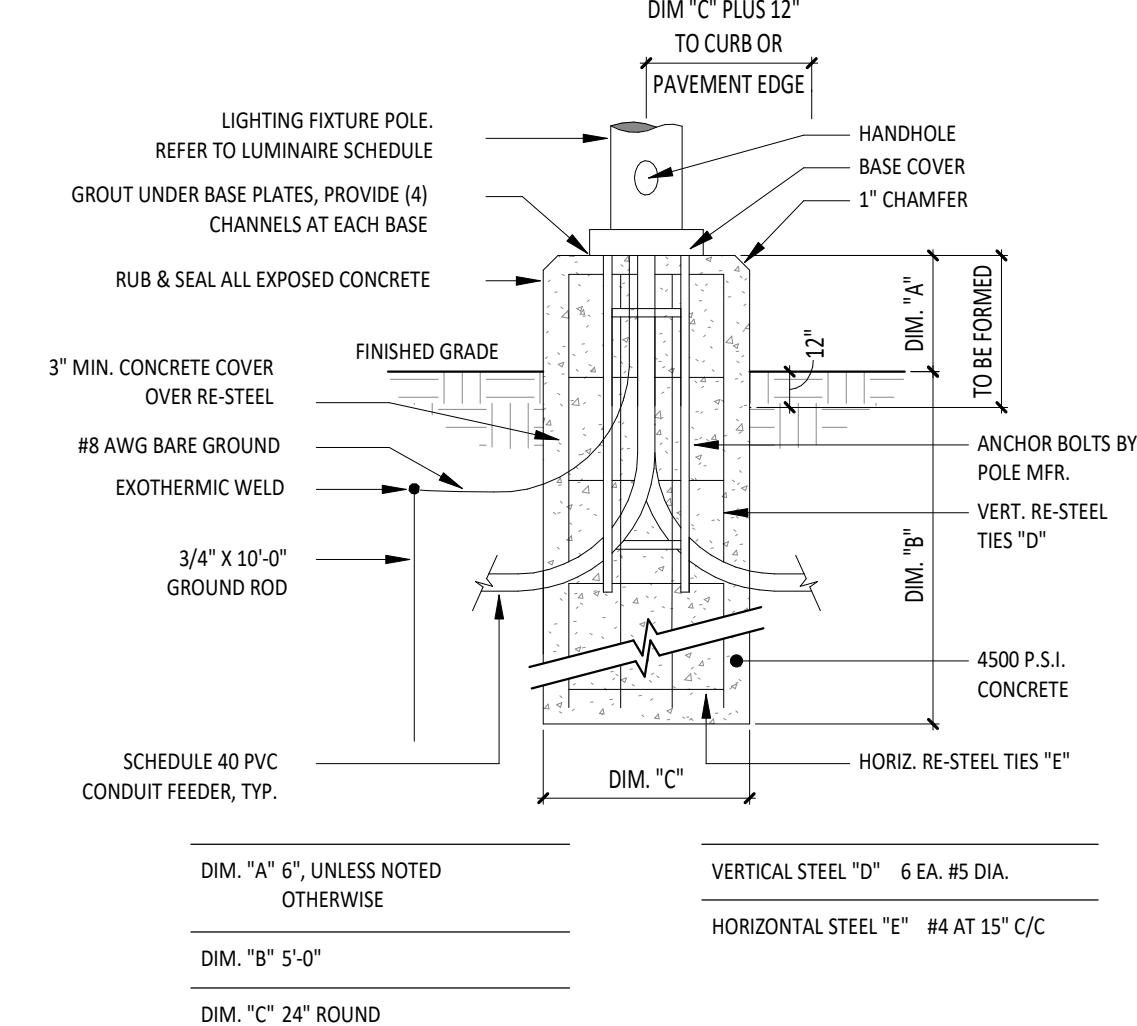
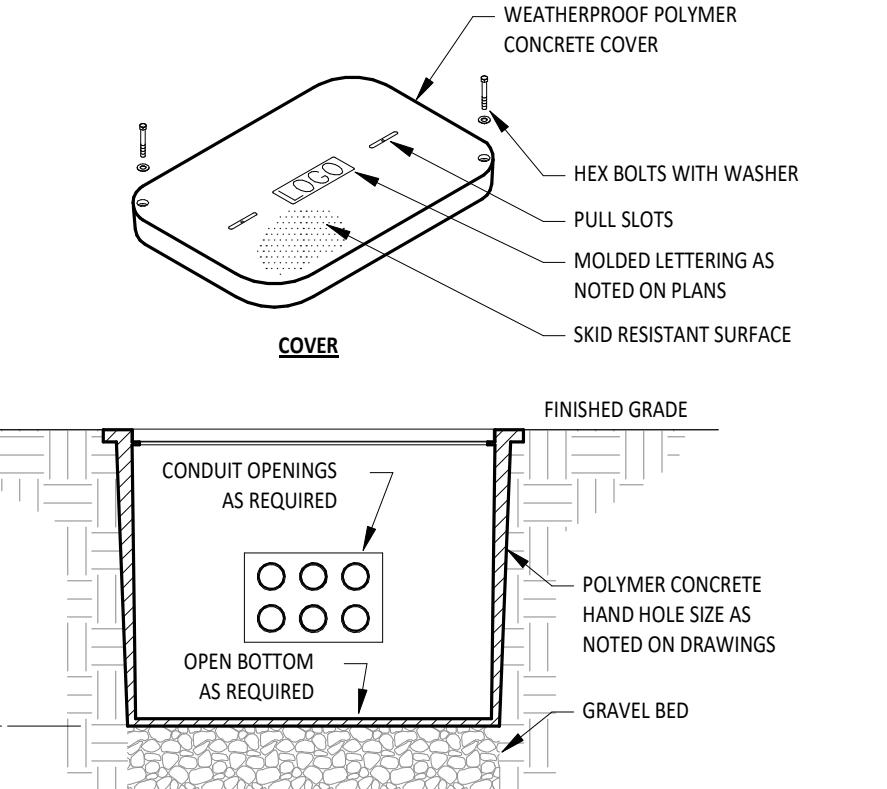
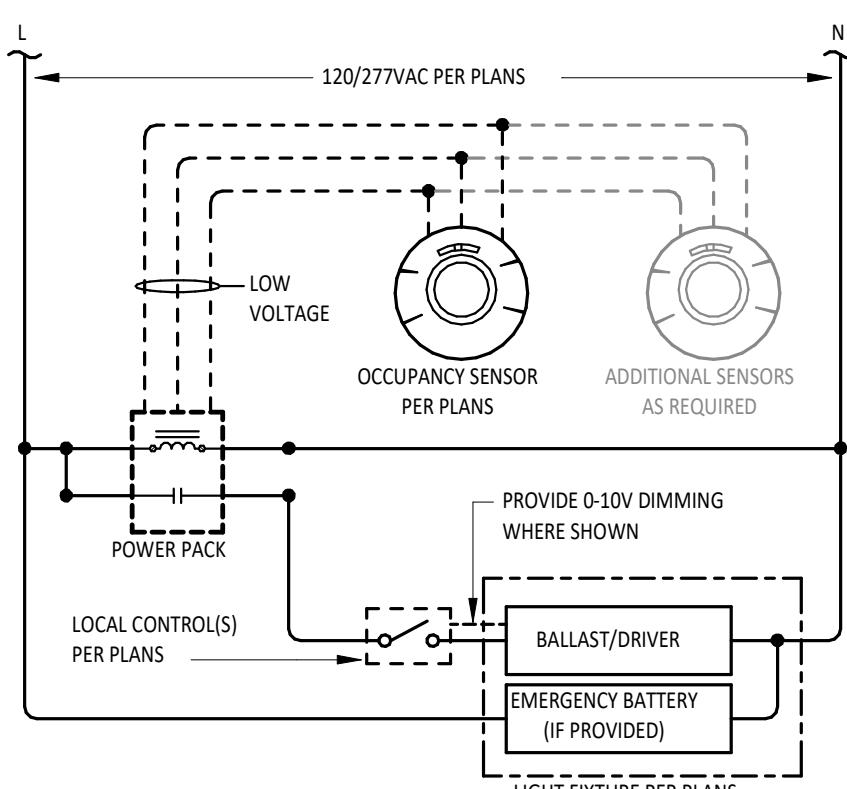
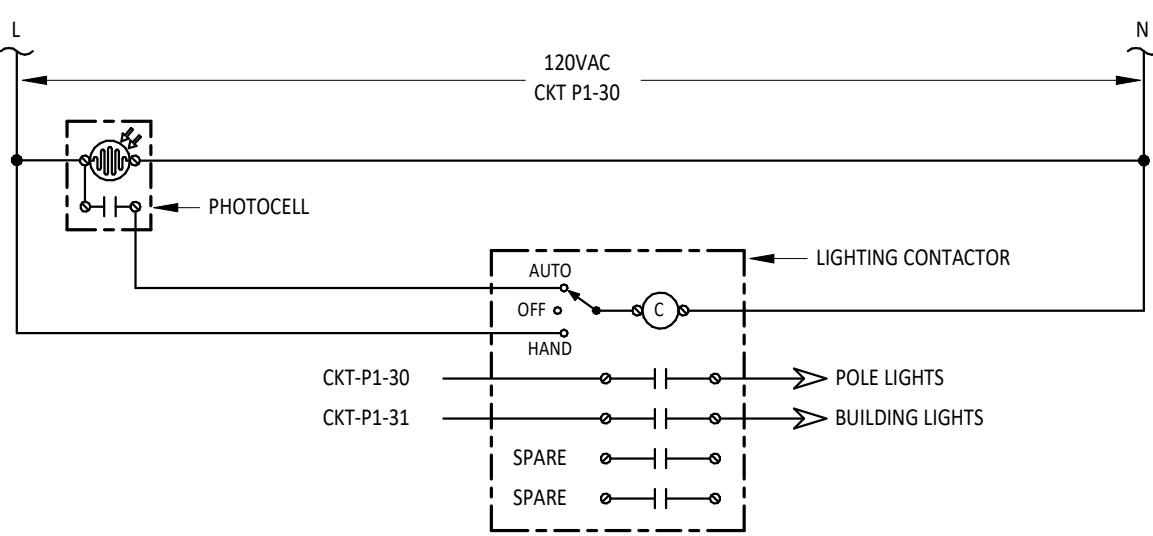
	SOLID HATCH INDICATES LIGHT FIXTURE CONNECTED TO EMERGENCY CIRCUIT. HATCH WILL BE MODIFIED FOR EACH FIXTURE TYPE.	VARIES
	CAPITAL LETTER INDICATES FIXTURE TYPE. LOWERCASE LETTER INDICATES SWITCHING	VARIES
	RECESSED MOUNTED LUMINAIRE. APPROXIMATE SIZE AS INDICATED ON PLANS.	CEILING
	SURFACE MOUNTED DOWNGLUMINAIRE. APPROXIMATE SIZE AS INDICATED ON PLANS.	CEILING
	PENDANT MOUNTED LUMINAIRE. APPROXIMATE SIZE AS INDICATED ON PLANS.	CEILING
	STRIP LIGHT LUMINAIRE.	CEILING
	PENDANT MOUNTED LUMINAIRE. APPROXIMATE SIZE AS INDICATED ON PLANS.	CEILING
	POLE	CEILING
	PUBLIC ADDRESS	CEILING
	PHOTOCELL	CEILING
	POLYVINYL CHLORIDE	CEILING
	RIGID GALVANIZED STEEL	CEILING
	SPD SURGE PROTECTION DEVICE	CEILING
	SWITCH	CEILING
	TEMPORARY	CEILING
	TELEVISION	CEILING
	TRANSIENT VOLTAGE SURGE SUPPRESSOR	CEILING
	TYPICAL	CEILING
	UNDERGROUND	CEILING
	UNDERWRITERS' LABORATORIES	CEILING
	UNLESS NOTED OTHERWISE	CEILING
	UNINTERRUPTABLE POWER SUPPLY	CEILING
	UNDERGROUND	CEILING
	UNDERWRITERS' LABORATORIES	CEILING
	UNLESS NOTED OTHERWISE	CEILING
	UNINTERRUPTABLE POWER SUPPLY	CEILING
	VOLTS, VOLTAGE	CEILING
	VARIABLE FREQUENCY DRIVE	CEILING
	WIRE	CEILING
	WIRE GUARD	CEILING
	WEATHER PROOF	CEILING
	XFMR	TRANSFORMER

LIGHTING CONTROL SYMBOLS		
SYMBOL	DESCRIPTION	MOUNTING LOC. HT.
	SINGLE POLE SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	THREE-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	FOUR-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	SINGLE POLE LIGHT SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	KEY OPERATED SINGLE POLE SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	KEY OPERATED THREE-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	KEY OPERATED FOUR-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL
	OCCUPANCY SENSOR SWITCH. WATTSTOPPER DSW-301-W OR EQUAL	WALL
	OCCUPANCY SENSOR DIMMING SWITCH.	WALL
	LOW VOLTAGE SWITCHES. REFERENCE DETAILS FOR TYPES.	WALL
	WALL MOUNTED OCCUPANCY SENSOR.	WALL
	CORNER MOUNTED OCCUPANCY SENSOR.	WALL
	CEILING MOUNTED DUAL TECH OCCUPANCY SENSOR. WATTSTOPPER DT-300 SERIES DREQ.	CEILING
	CEILING MOUNTED DAYLIGHT SENSOR.	WALL
	WALL MOUNTED OUTDOOR PHOTOCELL.	WALL
	LIGHTING CONTROL PANEL/CONTACTOR.	WALL

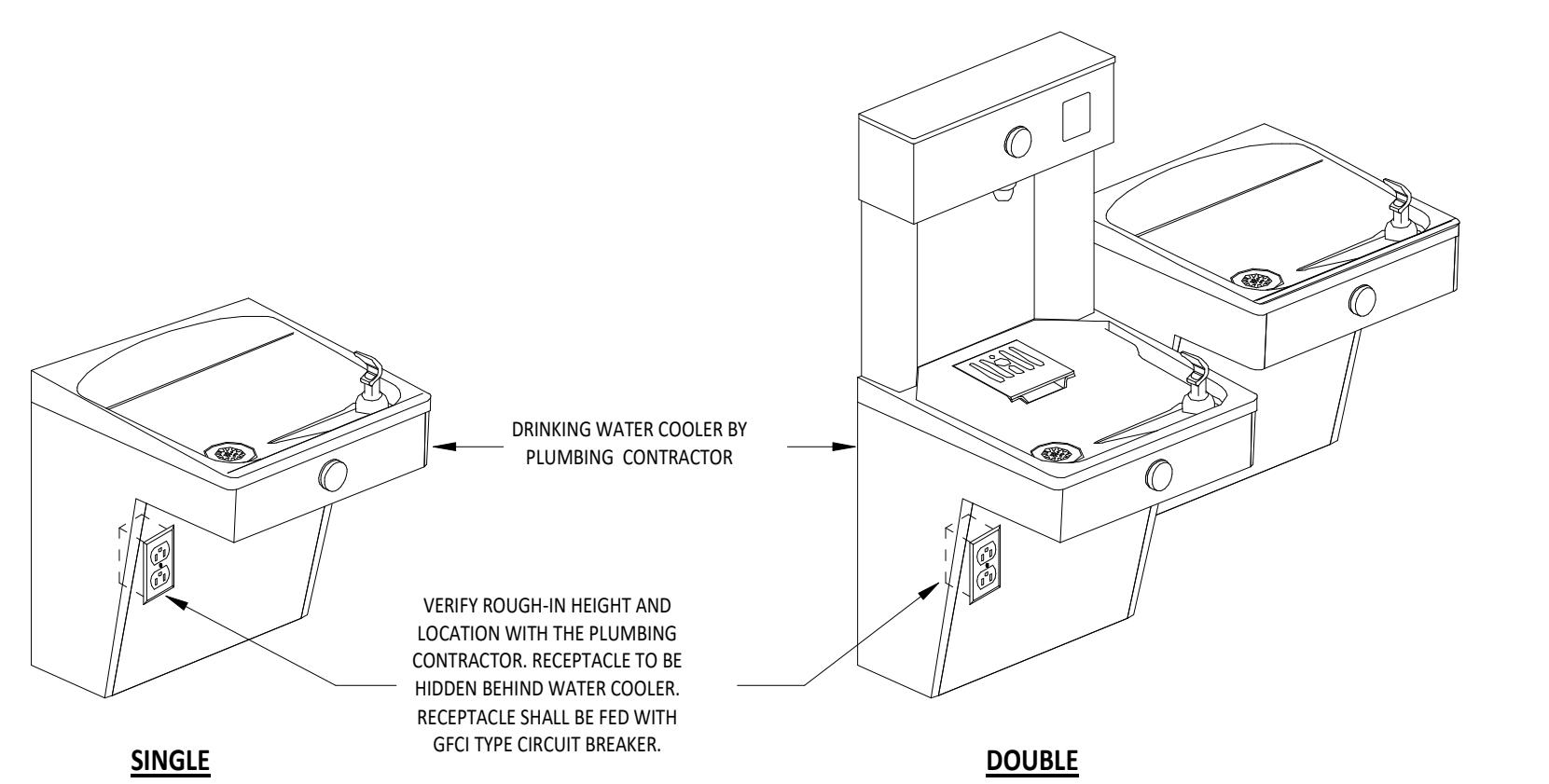
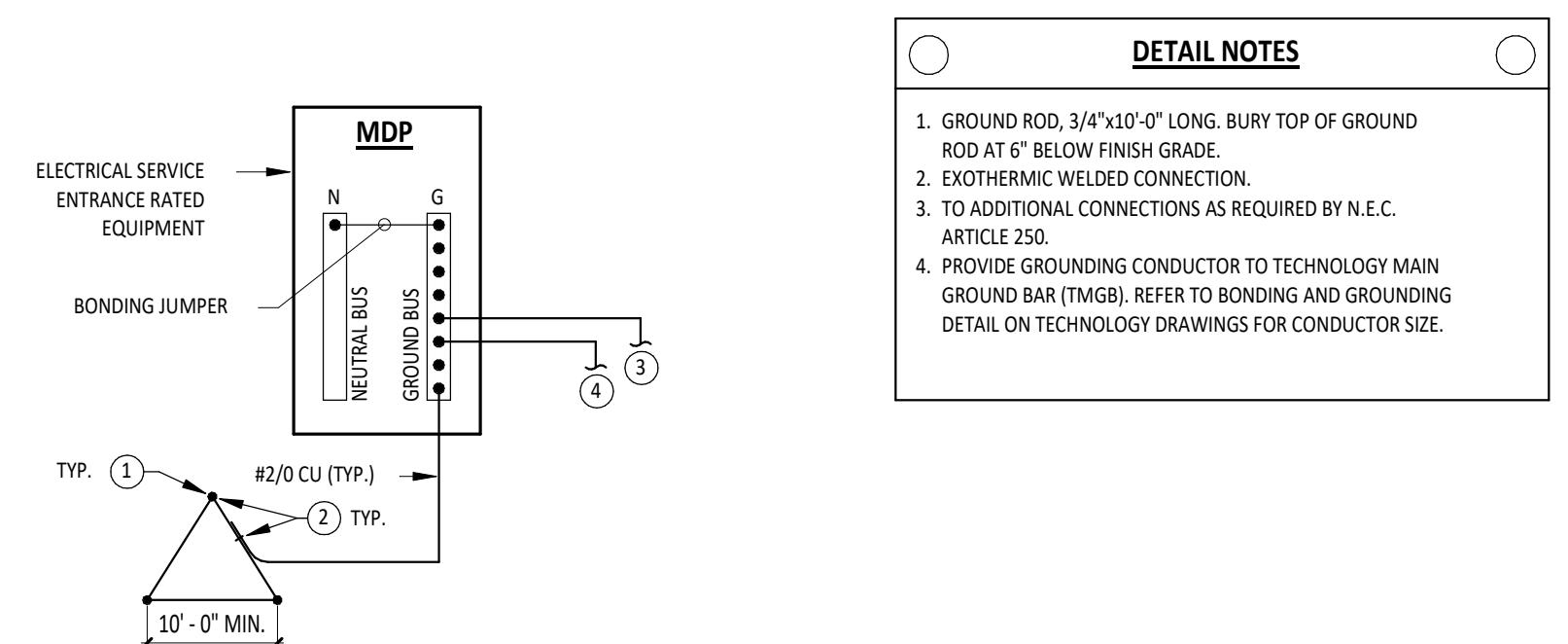
GENERAL DRAWINGS SYMBOLS		
	KEY NOTE REFERENCE	
	REVISION NUMBER - SHOWN ON PLANS	
	CONTINUATION SYMBOL	
	NUMBER OF DETAIL ON SHEET	
	DRAWING NUMBER WHERE DETAIL APPEARS	
DEMOLITION (IF APPLICABLE)		
	DASHED SYMBOL INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED.	REFER TO DEMOLITION PLANS
	SOLID SYMBOL: LIGHTER IN COLOR INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN.	FOR ADDITIONAL INFORMATION

WIRING DEVICE SYMBOLS		
SYMBOL	DESCRIPTION	MOUNTING LOC. HT.
	SOLID HATCH INDICATES DEVICE CONNECTED TO EMERGENCY POWER. PROVIDE DETAIL FOR MORE INFORMATION.	
	CONCEALMENT IN CEILING, WALL, OR FLOOR OF NEW CONSTRUCTION. CONCEALED WHEREVER POSSIBLE IN AREA OF NEW STRUCTURE OR EXISTING CONSTRUCTION.	
	HOMERUN TO PANEL OR LOCATION NOTED	
	SURFACE MOUNT RACEWAY. REFER TO PLANS FOR TYPE.	
	WIRE MESH CABLE TRAY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.	
	CONDUIT SLEEVES ABOVE CEILING FOR TECHNOLOGY CABLING. # INDICATES QUANTITY. # INDICATES SIZE. REFER TO ARCHITECTURAL SECTIONS FOR CEILING HEIGHTS.	
	LADDER TYPE CABLE TRAY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.	
	CONDUIT TURNS	DOWN UP

SECURITY/ACCESS CONTROL SYMBOLS		
SYMBOL	DESCRIPTION	MOUNTING LOC. HT.
	ACCESS CONTROL SYSTEM CONTROL PANEL. 26 TO PROVIDE 120V CONNECTION TO PANEL. 42 REQUIRED TO MATCH REST OF ROOM.	WALL 72" TO TOP
	SECURITY CONTROL PANEL. DIVISION 26 TO PROVIDE 120V CONNECTION TO PANEL AS REQUIRED. COORDINATE WORK WITH DIVISION 28.	WALL 16" VARIES
	ELECTRIC LOCK. PROVIDED BY DIVISION 28. PROVIDE 120V CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	DOOR SEE PLANS
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 44" VARIES
	SINGLE RECEPTACLE, 20A, 120V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY.	WALL 44", UNO
	RECEIVER & DATA OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING. PROVIDED ONE (1) 1/2" CONDUIT.	WALL 16", UNO
	DATA OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING. PROVIDED ONE (1) 1/2" CONDUIT.	WALL AS NOTED
	DATA READER. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 44"
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 16", UNO
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 44"
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 16", UNO
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 44"
	DOOR CONTACT. PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 28 AND DIVISION 28.	WALL 16", UNO
</		

1 SERVICE CONDUIT TRENCH DETAIL
EL.2 NTS2 CONCRETE POLE BASE DETAIL - 15'-0" POLE
EL.2 NTS3 IN-GRADE HAND HOLE ENCLOSURE
EL.2 NTS4 LOW VOLTAGE CEILING MOUNT OCCUPANCY SENSOR
EL.2 NTS

GENERAL NOTES:
1. PHOTOCELL SHALL BE INTERMATIC K4236C, ORQ.
2. PROVIDE AN ELECTRICALLY HELD LIGHTING CONTACTOR WITH 120VAC COIL AND NUMBER OF POLES AS SHOWN, NEMA 1 ENCLOSURE.
3. CONTACTOR SHALL HAVE INTEGRAL H-O-A SELECTOR SWITCH.

5 EXTERIOR LIGHTING CONTROL DIAGRAM
EL.2 NTS6 WATER COOLER RECEPTACLE DETAIL
EL.2 NTS7 SERVICE GROUNDING ELECTRODE SYSTEM
EL.2 NTS

LUMINAIRE SCHEDULE											
MARK	MOUNTING	LAMPS				BALLAST/DRIVER	Fixture Voltage	Input Watts	Fixture Description	Comments	Basis of Design & Approved Manufacturers
		Type	Min. Lumens	CCT	CRI						
A1	surface	LED	8000	4000K	80 CRI	electronic driver	UNV	60 W	LED CANOPY LUMINAIRE, DIE CAST ALUMINUM HOUSING, BLACK FINISH, PRISMATIC LENS, SWITCHABLE LUMENS AND CCT, WET LOCATION LISTED.	SET LUMENS TO HIGH AND CCT TO 4000K.	ILP VCS-3U/4U/5U-CCTS-M-BLK LUMARK CLCS LITHONIA CN ENVY ECSR
B1	surface	LED	3776	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	120V	25 W	4' LED STRIP, STEEL HOUSING, WHITE POWDER COAT FINISH, IMPACT RESISTANT FROSTED ACRYLIC LENS, SELECTABLE LUMENS AND CCT.	SET AT LOW LUMENS AND 4000K.	ILP VSA-3U/4U/5U-CCTS-FRL METALUX SLS1 LITHONIA CSS ENVY ETH
B2	surface	LED	5089	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	120V	37 W	4' LED STRIP, STEEL HOUSING, WHITE POWDER COAT FINISH, IMPACT RESISTANT FROSTED ACRYLIC LENS, SELECTABLE LUMENS AND CCT.	SET AT HIGH LUMENS AND 4000K.	ILP VSA-3U/4U/5U-CCTS-FRL METALUX SLS1 LITHONIA CSS ENVY ETH
C1	surface	LED	3657	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	120V	31 W	4' LED WRAP, WHITE STEEL HOUSING, FROSTED POLYCARBONATE IMPACT RESISTANT LENS, SELECTABLE LUMENS AND CCT.	SET AT LOW LUMENS AND 4000K.	ILP SWR4-36U/48U/60U-CCTS METALUX A4W LITHONIA ML4W ENVY EWR
C2	surface	LED	5947	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	120V	51 W	4' LED WRAP, WHITE STEEL HOUSING, FROSTED POLYCARBONATE IMPACT RESISTANT LENS, SELECTABLE LUMENS AND CCT.	SET AT HIGH LUMENS AND 4000K.	ILP SWR4-36U/48U/60U-CCTS METALUX A4W LITHONIA ML4W ENVY EWR
D1	surface	LED	700	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	120V	8 W	4" SURFACE MOUNT ROUND DOWNLIGHT, ALUMINUM TRIM, POLYCARBONATE LENS, SWITCHABLE CCT, WET LOCATION LISTED.	SET CCT AT 4000K.	PRESCOLITE LSD4RD-C59-WH HALO SMD4 JUNO JSF NORA NLOS
EM1	wall	LED	144	N/A	N/A	electronic driver	120V	1 W	EMERGENCY LIGHT, WHITE THERMOPLASTIC HOUSING, DAMP LOCATION.	MOUNT AT 8' 0" AFF. POWER AHEAD OF SWITCHING.	ILP EXL-U-WH SURE-LITES SEL LITHONIA EMZL ENVY EEXL
EM2	wall	LED	144	N/A	N/A	electronic driver	120V	1 W	EMERGENCY LIGHT, WHITE THERMOPLASTIC HOUSING, REMOTE CAPACITY, DAMP LOCATION.	MOUNT AT 8' 0" AFF. POWER AHEAD OF SWITCHING.	ILP EXL-U-WH-RC SURE-LITES SEL LITHONIA EMZL ENVY EEXL
G1	surface	LED	12000	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	93 W	4' NARROW LINEAR VAPR TIGHT, RIBBED ACRYLIC FROSTED LENS, WET LOCATION LISTED.	PROVIDE WET LOCATION FITTINGS AS NECESSARY. MOUNT AT APPROXIMATELY 15' - 0" AFF.	ILP WTE2-42U-80CR/CCT-RAFL METALUX V4 LITHONIA CUST ADVANTAGE VLT
P2	15'-0" POLE	LED	12000	4000K	70 CRI	0-10V DIMMING DOWN TO 10%	UNV	82 W	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING, POLYESTER BLACK POWDER COAT FINISH, TYPE II DISTRIBUTION, PIR MOTION SENSOR(DIM TO 10%)	PROVIDE 15' SQUARE STEEL POLE. SEE POLE BASE DETAIL.	ILP SAS-12L-U-40-T20-U-MBLK-FSP-311/L3 LUMARK PRV LITHONIA EAX TRACE-LITE RXAR
P5	15'-0" POLE	LED	12000	4000K	70 CRI	0-10V DIMMING DOWN TO 10%	UNV	82 W	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING, POLYESTER BLACK POWDER COAT FINISH, TYPE II DISTRIBUTION, PIR MOTION SENSOR(DIM TO 10%)	PROVIDE 15' SQUARE STEEL POLE. SEE POLE BASE DETAIL.	ILP SAS-12L-U-40-T55-U-MBLK-FSP-311/L3 LUMARK PRV LITHONIA EAX TRACE-LITE RXAR
R1	wall	LED	N/A	N/A	N/A	electronic driver	3.6VDC	3 W	EMERGENCY LIGHT REMOTE, SINGLE HEAD, WEATHER-PROOF.	POWERED FROM 'EM2' FIXTURE. MOUNT AT 7' 6" AFF.	ILP EXR1-WHS-WL SURE-LITES SRP LITHONIA ERE ENVY ERHLED

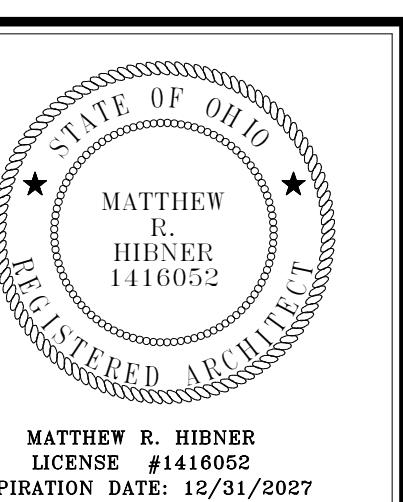
ARCANUM BOOSTER STADIUM PHASE III
IMPROVEMENTS

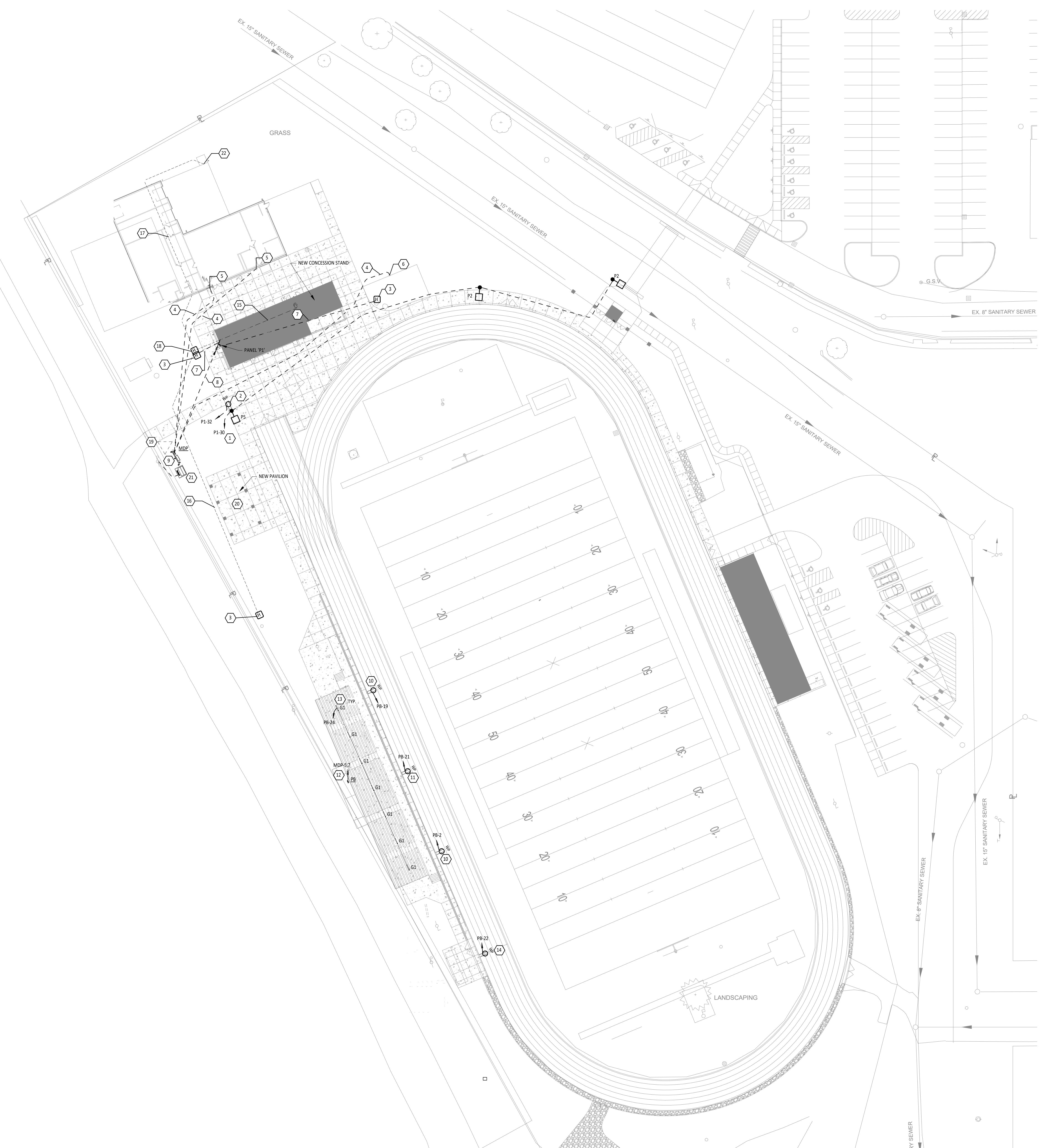
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CD PHASE SUBMISSION	01/06/2026

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23047.03	KCR	CDH

SHEET TITLE:	
ELECTRICAL DETAILS AND LUMINAIRE SCHEDULE	

SHEET NUMBER:	
	E1.2





UTILITY COMPANY CONTACT

UTILITY COMPANY: VILLAGE OF ARCANUM, 309 S. ALBRIGHT ST., ARCANUM, OH 45304
 RANDY BAUER - UTILITY SUPERINTENDENT
 (OFFICE) 937-693-8101
 (CELL) 937-459-8017

ELECTRICAL SITE GENERAL NOTES

- A SEE CIVIL SITE PLAN, AND LANDSCAPE SITE PLANS FOR EXACT LOCATION OF OTHER UTILITIES. INSTALLATION OF ELECTRICAL WORK SHALL BE COORDINATED WITH THE OTHER TRADES.
- B ELECTRICAL UTILITY SERVICE CONDUITS TO BE MINIMUM OF 48" BELOW GRADE TO TOP OF CONDUITS.
- C PROVIDE PULL WIRES IN ALL EMPTY CONDUITS.
- D ALL UNDERGROUND CONDUIT SHALL BE 1" SCHEDULE 40 PVC, UNLESS NOTED OTHERWISE.
- E COORDINATE CONSTRUCTION WITH THE ELECTRIC UTILITY COMPANY.

#	KEYNOTE DESCRIPTION
1	CIRCUIT TO BE ROUTED THROUGH LIGHTING CONTACTOR FOR CONTROL OF EXTERIOR LIGHTS. REFER TO DETAIL 5/E1.2.
2	LOCATE RECEPTACLE ON SIDE OF POLE AT SAME ELEVATION AS THE POLE HAND HOLE. CIRCUIT SHALL BE CONCEALED INSIDE THE POLE.
3	PROVIDE A FLUSH-IN-GRADE BOX (12"X12"X12" DEEP). PROVIDE QUAZITE PG STYLE OR EQUAL.
4	PROVIDE UNDERGROUND ELECTRIC PANEL FEED ROUTED AROUND NEW BUILDING FOR DUSTING PANEL. REFER TO ONE-LINE FOR CONDUIT AND CONDUCTOR SIZE. EXISTING SERVICE CONDUIT AND CONDUCTORS SHALL BE REMOVED TO BELOW GRADE AND EXISTING UNDERGROUND SHALL BE ABANDONED IN PLACE. COORDINATE WORK WITH UTILITY COMPANY, OWNER AND OTHER TRADES.
5	EXISTING ELECTRIC PANEL INSIDE BUILDING TO REMAIN.
6	CUT EXISTING CONCRETE SIDEWALK AS NECESSARY FOR NEW UNDERGROUND ELECTRIC PANEL FEED FROM MDP. EXISTING CONCESSION BUILDING ELECTRIC SERVICE METER/ SOCKET TO BE REMOVED. ELECTRIC PANEL FEED TO THE EXISTING CONCESSION BUILDING SHALL BE DEMOLISHED AFTER COMPLETION OF NEW CONCESSION BUILDING. REFER TO ONE-LINE DRAWINGS FOR MORE INFORMATION.
7	PROVIDE (2) 1" UNDERGROUND CONDUITS WITH PULL STRING FROM PANEL P1 TO HAND HOLE FOR FUTURE CIRCUITS.
8	UNDERGROUND FEEDER FROM MDP TO P1. REFERENCE ONE-LINE DIAGRAM FOR FEEDER INFORMATION AND CONDUIT TRENCH DETAIL 1/E1.2.
9	PROVIDE MOUNTING RACK FOR ELECTRICAL EQUIPMENT. VERTICAL POSTS SHALL BE 4" GALVANIZED RIGID CONDUIT BURIED 3" MINIMUM BELOW GRADE. AUGER 12" HOLE FOR POSTS AND FILL WITH CONCRETE. PROVIDE GALVANIZED STEEL STRAP AS NECESSARY FOR VERTICAL MEMBERS.
10	PART OF RECEIPTABLE AT BASE OF BLEACHERS NEAR THE FOOTBALL 30 YARD LINE. COORDINATE EXACT LOCATION WITH OWNER AND BLEACHER INSTALLER. PROVIDE #10 AWG CU CONDUCTORS.
11	PROVIDE RECEIPTABLE AT BASE OF BLEACHERS NEAR THE FOOTBALL 50 YARD LINE. COORDINATE EXACT LOCATION WITH OWNER AND BLEACHER INSTALLER. PROVIDE #10 AWG CU CONDUCTORS.
12	PANEL PB FURNISHED BY BLEACHER CONTRACTOR AS PART OF PRE-WIRED PRESS BOX. DIVISION 26 SHALL PROVIDE FEED CONDUIT, CONDUCTORS AND GROUNDING. REFER TO ONE-LINE DRAWINGS FOR ADDITIONAL INFORMATION.
13	LIGHT FIXTURES TO ILLUMINATE PEDESTRIAN PATH UNDER BLEACHER SEATING. MOUNT FIXTURES APPROXIMATELY 15'-0" AFF TO BLEACHER STRUCTURE. COORDINATE WORK WITH BLEACHER INSTALLER. PROVIDE PHOTOCELL AND TOGGLE SWITCH (WEATHER-PROOF) TO CONTROL LIGHTING CIRCUIT.
14	MOULD RECEIPTABLE ON FENCE POST NEAR TRACK FINISH LINE. COORDINATE EXACT LOCATION WITH OWNER AND FENCE INSTALLER PRIOR TO INSTALLATION. PROVIDE (2) #8 AWG CU, (1) #10 AWG CU GROUND CONDUCTOR.
15	PROVIDE TWO (2) 2" UNDERGROUND CONDUIT WITH PULL STRING FROM NEW TECHNOLOGY RACK TO NEW HAND HOLE FOR FUTURE CONNECTIONS. COORDINATE ALL WORK WITH DIVISION 27.
16	PROVIDE A 2" UNDERGROUND CONDUIT WITH PULL STRING FROM HAND HOLE TO HAND HOLE FOR FUTURE CONNECTIONS. COORDINATE ALL WORK WITH DIVISION 27.
17	PROVIDE A 2" UNDERGROUND CONDUIT WITH PULL STRING FROM NEW HAND HOLE TO EXISTING BUILDING FOR FUTURE CONNECTIONS. COORDINATE ALL WORK WITH DIVISION 27.
18	PROVIDE A FLUSH-IN-GRADE BOX (12"X12"X12" DEEP). PROVIDE QUAZITE PG STYLE OR EQUAL.
19	GROUND TRIAD. REFER TO DETAIL 5/E1.2 FOR ADDITIONAL INFORMATION.
20	REFER TO DETAIL 2/E4.1 FOR ADDITIONAL INFORMATION.
21	UTILITY TRANSFORMER. REFER TO ONE-LINE DRAWING FOR ADDITIONAL INFORMATION.
22	CONDUIT SHALL TURN UP ON EXTERIOR OF THE BUILDING, UP TO ABOVE INTERIOR CEILING HEIGHT. PROVIDE SMART LB FOR TECHNOLOGY CONDUIT TRANSITION FROM EXTERIOR TO INTERIOR OF THE BUILDING. COORDINATE WORK WITH TECHNOLOGY CONTRACTOR AND OWNER FOR EXACT POSITION.

ARCANUM BOOSTER STADIUM PHASE III
IMPROVEMENTS

NEW BUILDING FOR

ISSUANCES/REVISIONS		
CD PHASE SUBMISSION	01/06/2026	

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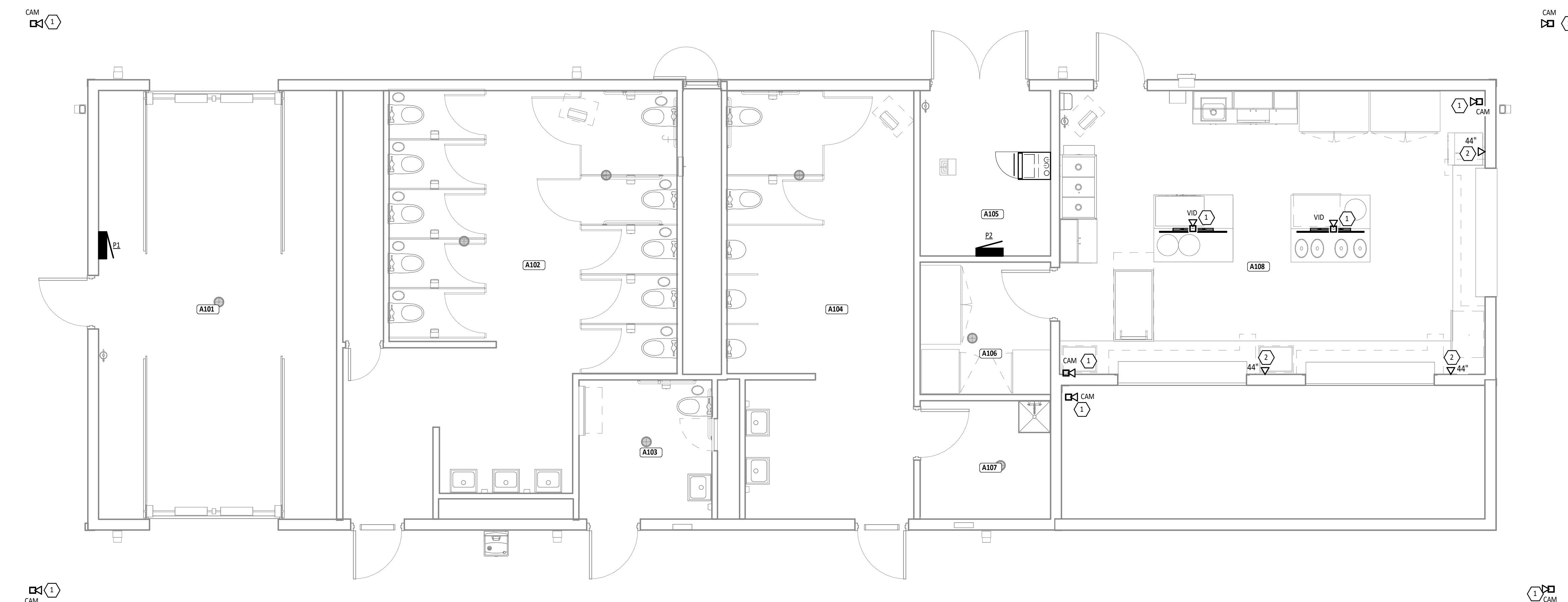
SHEET TITLE:	
SITE ELECTRICAL PLAN	

SHEET NUMBER:	81
KNOW WHAT'S below. Call before you dig.	

E2.1

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MILLERHANOVER, OHIO | INDIANAPOLIS, INDIANA
INDIANAPOLIS, INDIANA | COLUMBUS, OHIO

E2.1



FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
A103	FAMILY RESTROOM	72 SF
A104	MEN'S RESTROOM	297 SF
A105	MECHANICAL ROOM	83 SF
A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

SYSTEMS GENERAL NOTES

A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.

B ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	PROVIDE SINGLE GANG, FLUSH MOUNTED JUNCTION BOX IN EXTERIOR SOFFIT (OCTAGON BOX) OR INTERIOR CEILING OF BUILDING WITH 1" CONDUIT (WITH PULL STRING) TO ACCESSIBLE ATTIC AREA. PROVIDE PLASTIC BUSHING ON END OF CONDUIT AND WEATHERPROOF GASKET COVER FOR EXTERIOR BOX. REFERENCE TECHNOLOGY DRAWINGS FOR MORE DETAILS. COORDINATE WORK WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
2	PROVIDE TECHNOLOGY ROUGH-IN WITH 1" CONDUIT (WITH PULL STRING) TO 12" (MIN) ABOVE INSULATION IN ACCESSIBLE ATTIC AREA. PROVIDE PLASTIC BUSHING ON END OF CONDUIT. REFERENCE TECHNOLOGY DRAWINGS FOR MORE DETAILS. COORDINATE WORK WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.

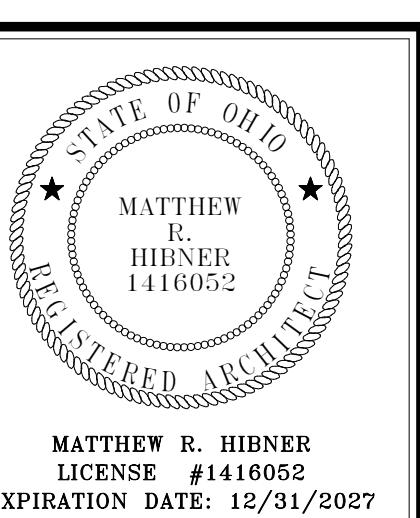
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IMPROVEMENTS

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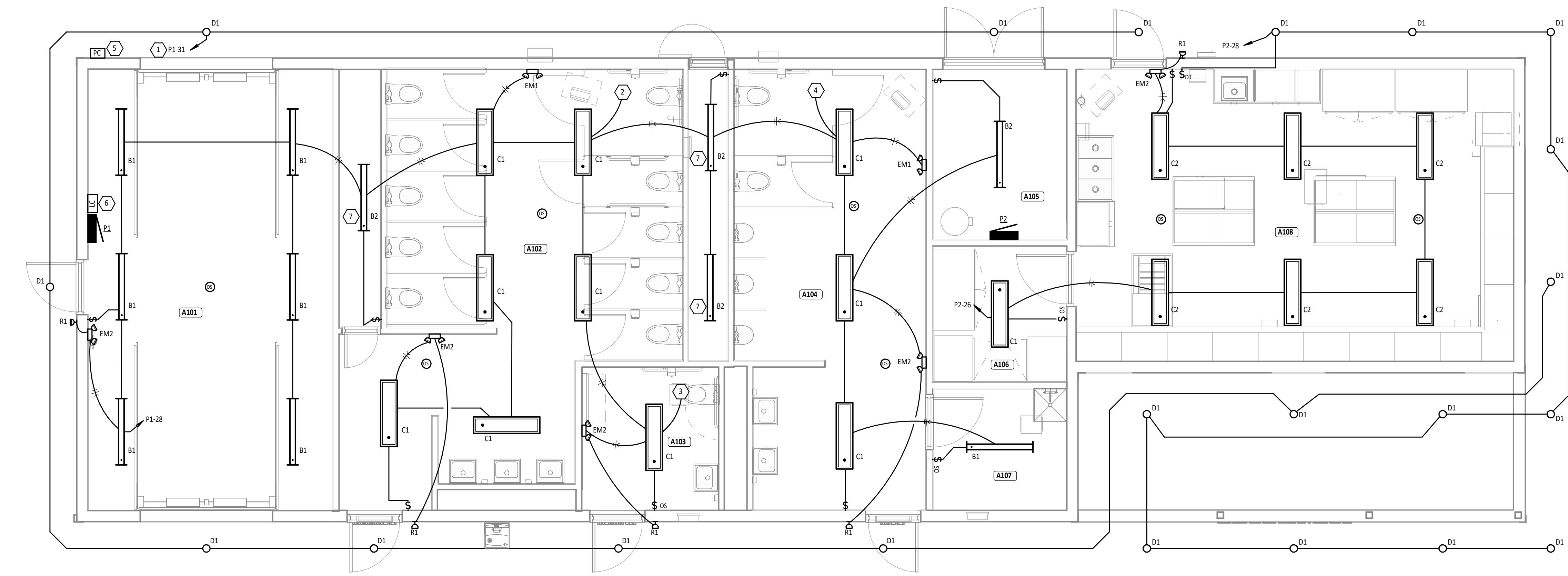
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SHEET TITLE:		
FIRST FLOOR SYSTEMS PLAN - CONCESSION STAND		

SHEET NUMBER:
E3.1



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1
F4.1
LIGHTING PLAN - CONCESSION STAND
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
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A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

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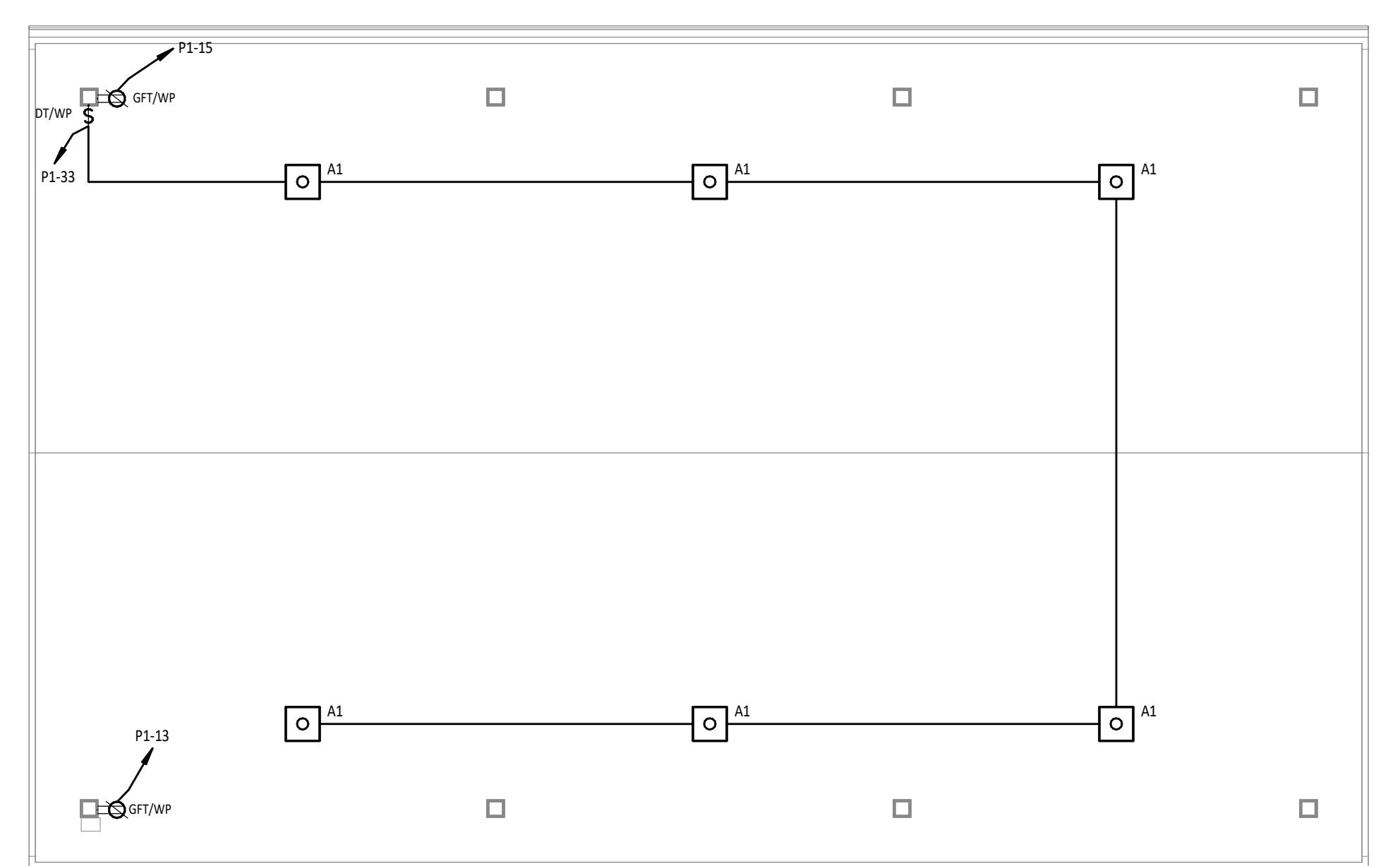
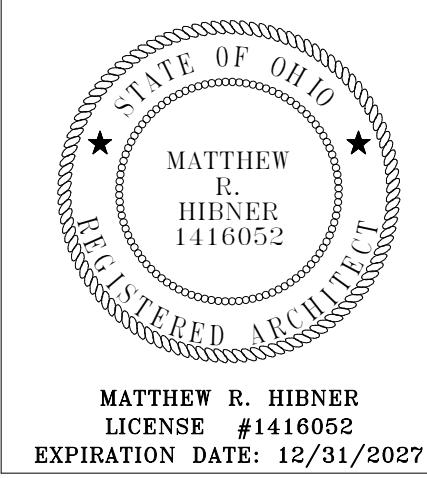
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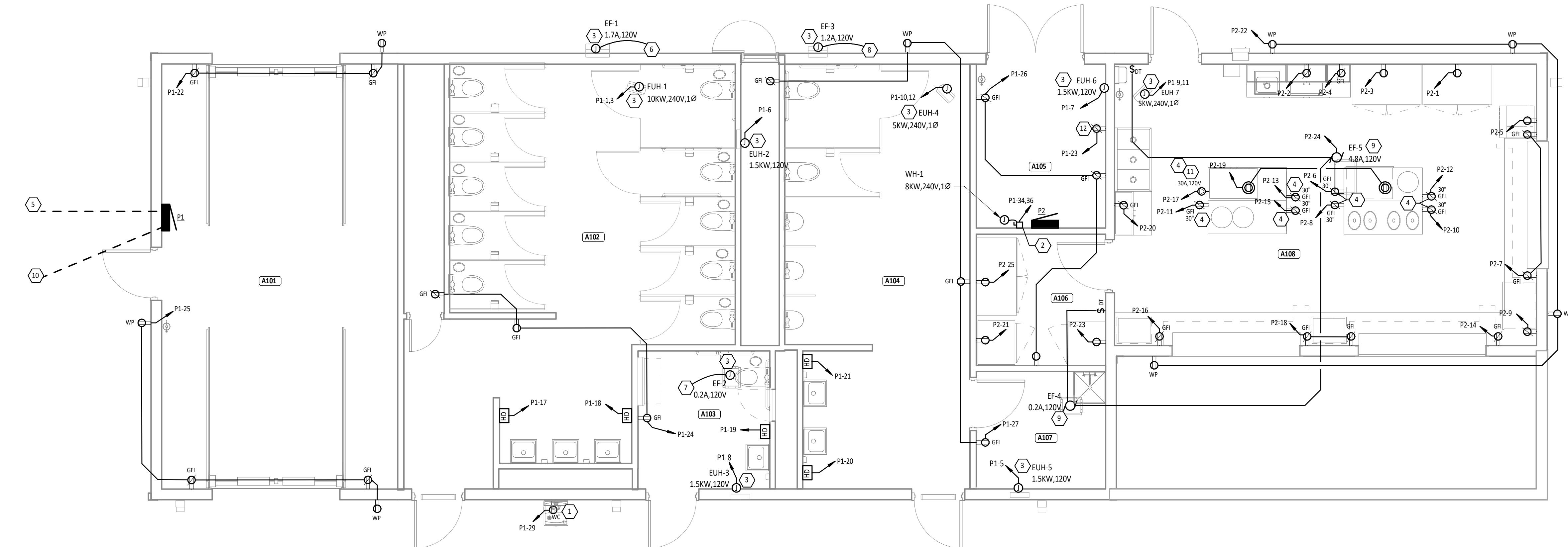
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ISSUANCES/REVISIONS
CD PHASE SUBMISSION 01/06/2026PROJECT NUMBER: 23047.03
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CHECKED BY: CDR

SHEET TITLE: LIGHTING PLAN - CONCESSION AND LIGHTING AND POWER PLAN - PAVILION

SHEET NUMBER: E4.1
E4.1



FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
A103	FAMILY RESTROOM	72 SF
A104	Men's RESTROOM	297 SF
A105	MECHANICAL ROOM	83 SF
A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

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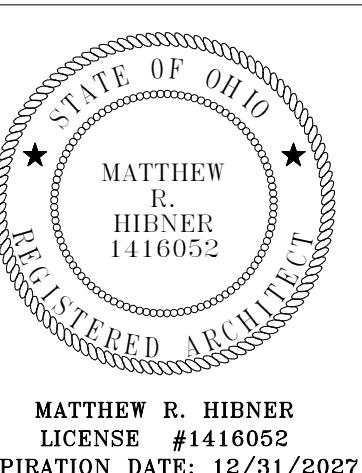
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CD PHASE SUBMISSION 01/06/2026

PROJECT NUMBER: 23047.03 DRAWN BY: KCR CHECKED BY: COH

SHEET TITLE: POWER PLAN - CONCESSION

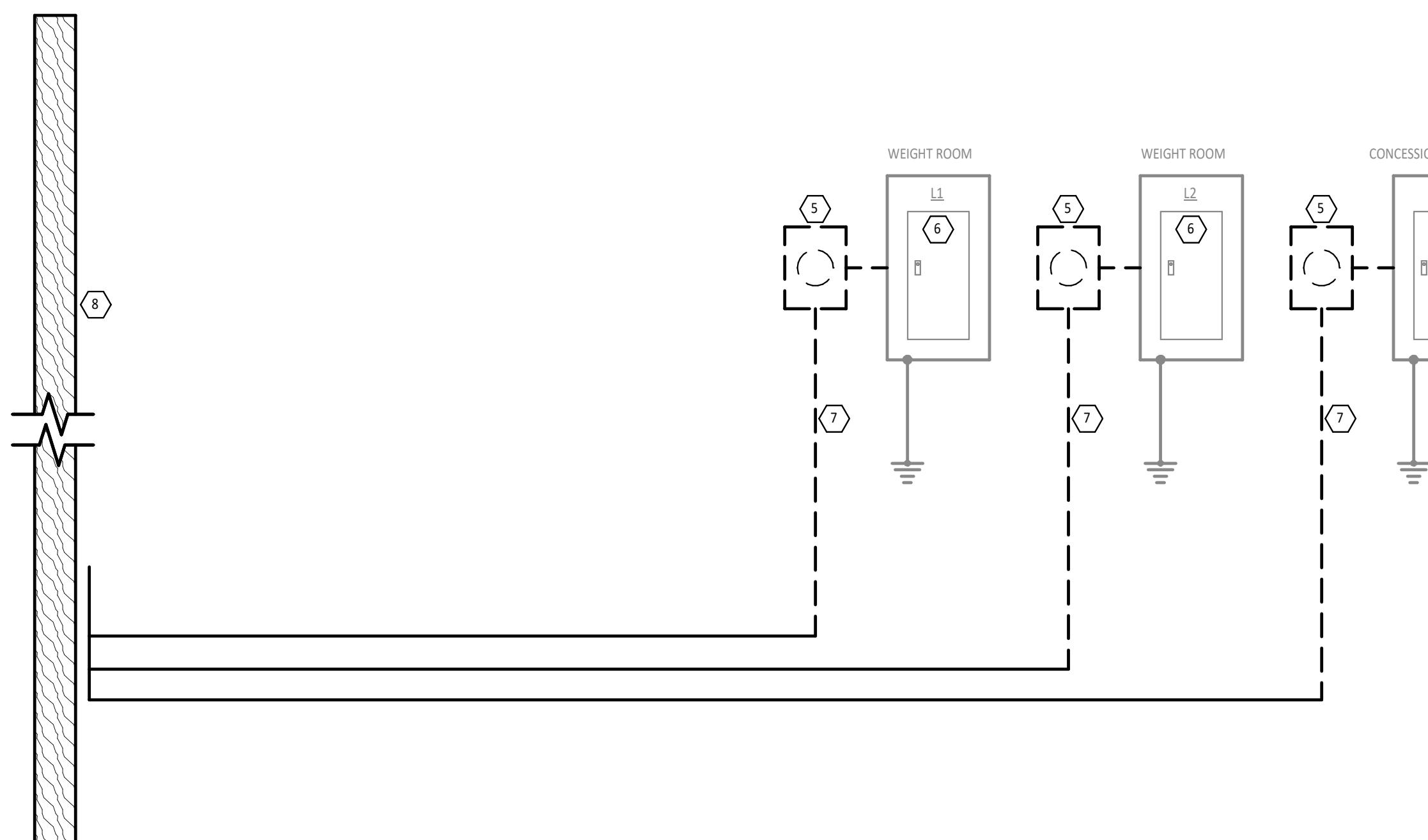
SHEET NUMBER: E5.1



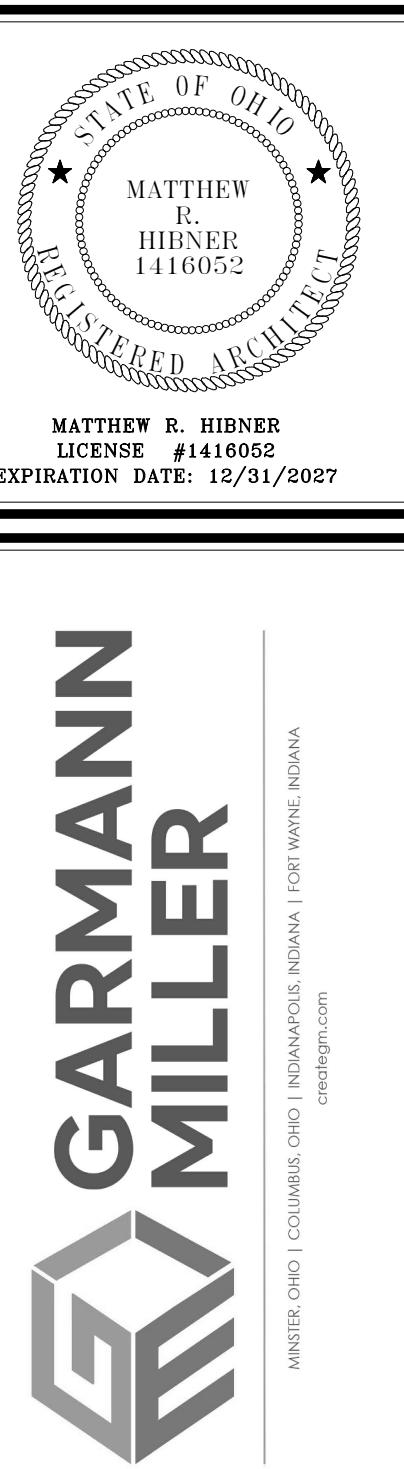
POWER GENERAL NOTES

- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
- C ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
- D COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
- E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

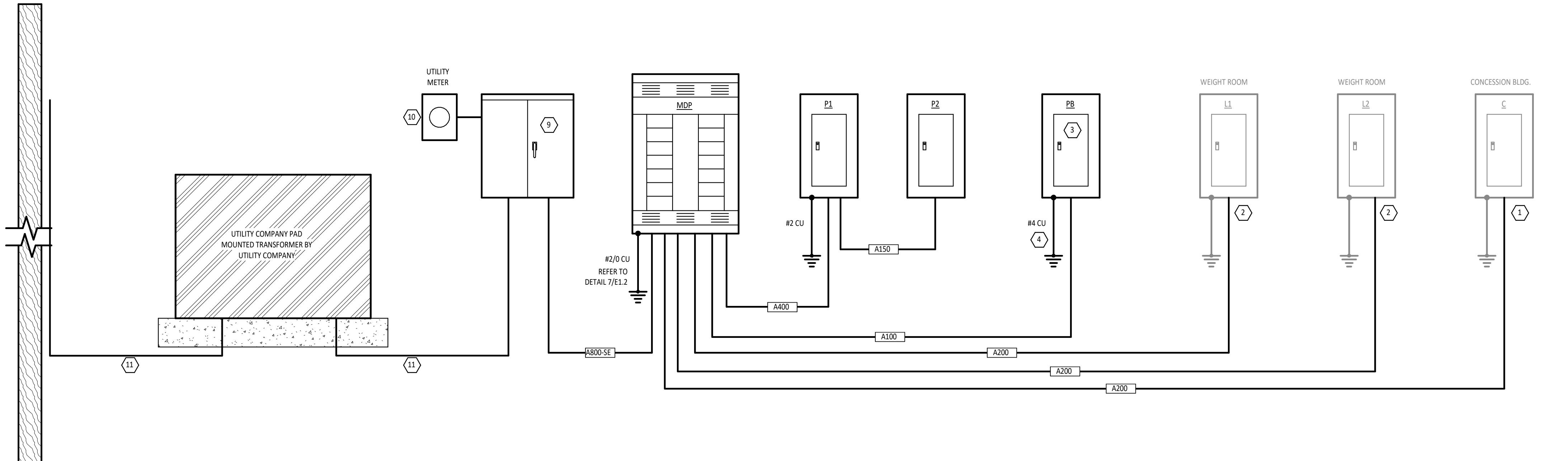
#	KEYNOTE DESCRIPTION
1	RECEPTACLE FOR WATER COOLER, COORDINATE EXACT MOUNTING LOCATION OF RECEPTACLE WITH PLUMBING CONTRACTOR. REFERENCE DETAIL 6/E1.2.
2	PROVIDE 60A, 250V, HEAVY DUTY, NON-FUSIBLE DISCONNECT IN NEMA 1 ENCLOSURE.
3	UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
4	PROVIDE CONDUIT UNDER SLAB, UP INTO SPACE BETWEEN CASEWORK TO SERVE DEVICE(S). DEVICE FLUSH MOUNTED IN CASEWORK. COORDINATE WITH CASEWORK INSTALLER.
5	REFER TO SITE PLAN E2.1 FOR CONTINUATION TO HAND HOLE.
6	EF-1 CONTROLLED BY WOMENS REST ROOM A102 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
7	EF-2 CONTROLLED BY FAMILY REST ROOM A103 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
8	EF-3 CONTROLLED BY MENS REST ROOM A104 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
9	EXHAUST FAN UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS. PROVIDE DIGITAL TIMER SWITCH RATED FOR LOAD TO CONTROL EXHAUST FAN. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
10	REFER TO SITE PLAN E2.1 FOR CONTINUATION TO PANEL MDP.
11	COORDINATE RECEPTACLE CONFIGURATION WITH POPCORN EQUIPMENT.
12	RECEPTACLE FOR TECHNOLOGY RACK. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.



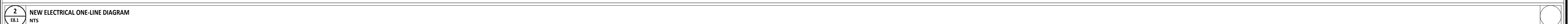
#	KEYNOTE DESCRIPTION
1	PROVIDE NEW UNDERGROUND ELECTRIC FEED FOR EXISTING CONCESSION BUILDING PANEL. NEW PANEL FEED SHALL BE ROUTED TO AVOID NEW CONSTRUCTION AREA OF CONCESSION BUILDING. AFTER CONSTRUCTION OF NEW CONCESSION BUILDING IS COMPLETED, FEED CONDUCTORS FOR THE OLD CONCESSION BUILDING SHALL BE DISCONNECTED AND REMOVED PRIOR TO THE BUILDING BEING DEMOLISHED. REFER TO SHEET E2.1 FOR ADDITIONAL INFORMATION.
2	PROVIDE NEW UNDERGROUND ELECTRIC FEED FOR EXISTING WEIGHT ROOM BUILDING PANEL. NEW PANEL FEED SHALL BE ROUTED TO AVOID NEW CONSTRUCTION AREA OF CONCESSION BUILDING. REFER TO SHEET E2.1 FOR ADDITIONAL INFORMATION.
3	PANEL FURNISHED WITH PRE-WIRED BLEACHER PRESS BOX. MAKE NECESSARY CONNECTIONS.
4	PROVIDE BONDING TO BLEACHER STRUCTURE.
5	REMOVE EXISTING METER SOCKET.
6	EXISTING CIRCUIT BREAKER PANEL TO REMAIN.
7	REMOVE FEED CONDUCTORS. REMOVE CONDUIT TO 2' - 0" BELOW GRADE. DIRECT BURY CONDUCTORS MAY BE ABANDONED IN PLACE.
8	EXISTING UTILITY POLE TO REMAIN.
9	PROVIDE CT CABINET. COORDINATE CT CABINET SIZE WITH UTILITY COMPANY.
10	METER BASE SUPPLIED BY UTILITY COMPANY, INSTALLED BY DIVISION 26.
11	UTILITY COMPANY SHALL PROVIDE PRIMARY AND SECONDARY CONDUIT AND CONDUCTORS. COORDINATE ALL WORK WITH UTILITY COMPANY.



ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS



FEEDER SCHEDULE	
GENERAL NOTES:	
• ELECTRICAL CONTRACTOR SHALL PROVIDE THE NUMBER OF LUGS AND PROPER LUG SIZES TO ACCEPT CONDUCTOR SIZES SHOWN.	
MARK	FEEDER DESCRIPTION
A100	(3) #1/0 AL., #6 AL. G, 1-1/2"C
A150	(3) #3/0 AL., #4 AL. G, 2"C
A200	(3) #250 KCMIL AL., #4 AL. G, 2-1/2"C
A400	(2) PARALLEL SETS OF (3) #250 KCMIL AL., #1 AL. G, 2-1/2"C
A800-SE	(3) PARALLEL SETS OF (3) #400 KCMIL AL., 3"C



MOUNTING: SURFACE	DISTRIBUTION PANEL								AIC RATING: 16,000A					
FED FROM: UTILITY	MDP								VOLTAGE: 120/240V 1PH 3W					
ENCLOSURE: NEMA 3R									MAINS RATING: 800 A					
LOCATION: EXTERIOR									MAINS TYPE: 800 A MCB					
PANEL NOTES:									OTHER:					
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.														
N O T E	CIRCUIT DESCRIPTION	P O L E S	AMP	C K T	A	B	C K T	AMP	P O L E S	CIRCUIT DESCRIPTION	N O T E			
1	P1	2	400	1	35882 / 0		2	--	2	SPACE ONLY	1			
				3		35558 / 0	4							
1	PB	2	100	5	8040 / 7064		6	200	2	L1 - EXIST.	1			
				7		8334 / 7064	8							
1	L2 - EXIST.	2	200	9	19455 / 0		10	200	2	C - EXIST.(FUTURE SPARE)	1			
				11		19455 / 0	12							
SPACE ONLY	1	--	13	0 / 0			14	--	1	SPACE ONLY				
SPACE ONLY	1	--	15		0 / 0		16	--	1	SPACE ONLY				
SPACE ONLY	1	--	17	0 / 0			18	--	1	SPACE ONLY				
SPACE ONLY	1	--	19		0 / 0		20	--	1	SPACE ONLY				
SPACE ONLY	1	--	21	0 / 0			22	--	1	SPACE ONLY				
SPACE ONLY	1	--	23		0 / 0		24	--	1	SPACE ONLY				
VA SUBTOTALS:				70439 VA	70408 VA									
AMP SUBTOTALS:				587 A	587 A									
LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL	PHASE	CIRCUIT NOTES:							
HEAT	26000 VA	100.0%	26000 VA	108 A	70439 VA	A	1-REFER TO ONE-LINE DRAWING FOR FEED SIZE.							
LIGHTING	2539 VA	125.0%	3173 VA	13 A	70408 VA	B								
MOTORS	972 VA	114.8%	1116 VA	5 A	0 VA	C								
Power	7250 VA	70.0%	5075 VA	21 A	PANEL TOTALS									
RECEPTACLE	28150 VA	67.8%	19075 VA	79 A	140847 VA	CONNECTED								
MISC EQUIPMENT	76036 VA	100.0%	76036 VA	317 A	130351 VA	DEMAND								
					587 A	CONNECTED								

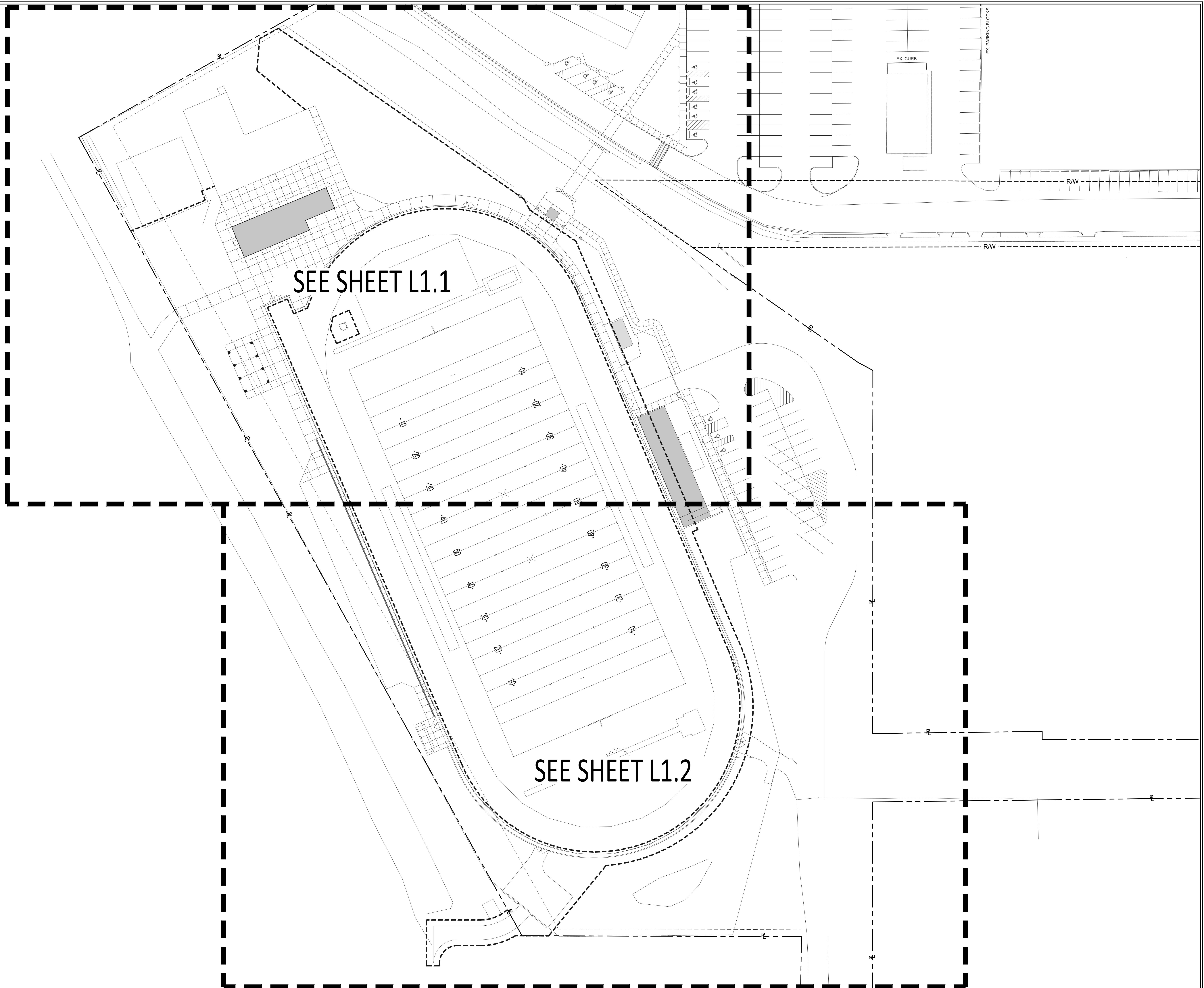
MOUNTING: SURFACE			PANEL			AIC RATING: 10,000A					
FED FROM: MDP			P1			VOLTAGE: 120/240V 1PH 3W					
ENCLOSURE: NEMA 1			MAINS RATING: 400 A			MAINS TYPE: 400 A MCB					
LOCATION: STORAGE A101			OTHER:								
PANEL NOTES:											
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.											
NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
3	EUH-1	2	50	1	5000 / 0		2	--	1	SPACE ONLY	
				3		5000 / 0	4	--	1	SPACE ONLY	
	EUH-5	1	15	5	1500 / 1500		6	15	1	EUH-2	
	EUH-6	1	20	7		1500 / 1500	8	15	1	EUH-3	
2	EUH-7	2	25	9	2500 / 2500		10	25	2	EUH-4	2
				11		2500 / 2500	12				
	RECEPTACLE - PAVILION	1	20	13	180 / 11331		14	150	2	PANEL P2	1
	RECEPTACLE - PAVILION	1	20	15		180 / 11011	16				
G	HAND DRYER	1	20	17	1450 / 1450		18	20	1	HAND DRYER	G
G	HAND DRYER	1	20	19		1450 / 1450	20	20	1	HAND DRYER	G
G	HAND DRYER	1	20	21	1450 / 540		22	20	1	RECEPTACLE STORAGE A101	
	RECEPTACLE MECHANICAL ROOM A105	1	20	23		1920 / 540	24	20	1	RECEPTACLE WOMEN'S RESTROOM A102	
	RECEPTACLE STORAGE A101	1	20	25	720 / 540		26	20	1	RECEPTACLE MECHANICAL ROOM A105	
	RECEPTACLE MEN'S RESTROOM A104	1	20	27		720 / 1044	28	20	1	LIGHTING	
G	WATER COOLER	1	20	29	600 / 259		30	20	1	POLE LIGHTS	5
	LIGHTING - OUTSIDE	1	20	31		87 / 180	32	20	1	POLE RECEPTACLE	
2	PAVILION LIGHTING	1	20	33	380 / 4000		34	45	2	WH-1	3
	SPARE BREAKER	1	20	35		0 / 4000	36				
	SPARE BREAKER	1	20	37	0 / 0		38	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	39		0 / 0	40	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	41	0 / 0		42	--	1	SPACE ONLY	
VA SUBTOTALS:			35882 VA			35558 VA					
AMP SUBTOTALS:			299 A			296 A					
LOAD TYPE:	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS							
HEAT	26000 VA	100.0%	26000 VA	108 A	35882 VA	A					
LIGHTING	1854 VA	125.0%	2317 VA	10 A	35558 VA	B					
MOTORS	972 VA	114.8%	1116 VA	5 A	0 VA	C					
Power	7250 VA	70.0%	5075 VA	21 A	PANEL TOTALS						
RECEPTACLE	27430 VA	68.2%	18715 VA	78 A	71440 VA	CONNECTED					
MISC EQUIPMENT	8000 VA	100.0%	8000 VA	33 A	61142 VA	DEMAND					
					298 A	CONNECTED					
					255 A	DEMAND					

PANEL P2										CIRCUIT NOTES:								
										G-PROVIDE GFCI BREAKER.								
CIRCUIT DESCRIPTION				P O L E S	AMP	C K T	A		B		C K T	AMP	P O L E S	CIRCUIT DESCRIPTION				
CONCESSIONS REFRIGERATOR				1	20	1	600 / 180				2	20	1	MICROWAVE		G		
CONCESSIONS REFRIGERATOR				1	20	3			600 / 1200		4	20	1	CONCESSIONS RECEPTACLE				
CONCESSIONS ICE MAKER				1	20	5	600 / 1200				6	20	1	PRETZEL WARMER				
CONCESSIONS RECEPTACLE				1	20	7			360 / 1200		8	20	1	CONCESSIONS ISLAND REC.				
PENNY WARMER				1	20	9	180 / 1200				10	20	1	CONCESSIONS ISLAND REC.		G		
CONCESSIONS ISLAND REC.				1	20	11			1200 / 1200		12	20	1	CONCESSIONS ISLAND REC.				
CONCESSIONS ISLAND REC.				1	20	13	1200 / 1200				14	20	1	CONCESSIONS RECEPTACLE				
CONCESSIONS ISLAND REC.				1	20	15			1200 / 1200		16	20	1	CONCESSIONS RECEPTACLE				
POPCORN MACHINE				1	30	17	2350 / 360				18	20	1	CONCESSIONS RECEPTACLE				
RECEPTACLE MENU BOARD A108				1	20	19			360 / 1200		20	20	1	CONCESSIONS RECEPTACLE				
FREEZER				1	20	21	600 / 720				22	20	1	EXTERIOR RECEPTACLES				
FREEZER				1	20	23			600 / 600		24	20	1	EF-5, EF-6				
DOUBLE DOOR FRIDGE				1	20	25	600 / 359				26	20	1	LIGHTING CONCESSION STAND A108				
SPARE BREAKER				1	20	27			0 / 96		28	20	1	LIGHTING - EXTERIOR				
SPARE BREAKER				1	20	29	0 / 0				30	20	1	SPARE BREAKER				
SPARE BREAKER				1	20	31			0 / 0		32	20	1	SPARE BREAKER				
SPARE BREAKER				1	20	33	0 / 0				34	20	1	SPARE BREAKER				
SPACE ONLY				1	--	35			0 / 0		36	--	1	SPACE ONLY				
SPACE ONLY				1	--	37	0 / 0				38	--	1	SPACE ONLY				
SPACE ONLY				1	--	39			0 / 0		40	--	1	SPACE ONLY				
SPACE ONLY				1	--	41	0 / 0				42	--	1	SPACE ONLY				
				VA SUBTOTALS:				11331 VA		11011 VA								
				AMP SUBTOTALS:				94 A		92 A								
TYPE: ING RS PTACLE	CONNECTED VA	DEMAND FACTOR	DEMAND VA	DEMAND AMPS	SUBTOTAL		PHASE		CIRCUIT NOTES:									
	455 VA	125.0%	568 VA	2 A	11331 VA		A		G-PROVIDE GFCI BREAKER.									
	600 VA	124.0%	744 VA	3 A	11011 VA		B											
	21310 VA	73.5%	15655 VA	65 A	0 VA		C											
	PANEL TOTALS																	
	22343 VA				CONNECTED													
16940 VA				DEMAND														
93 A				CONNECTED														
71 A				DEMAND														

ISSUANCES/REVISIONS

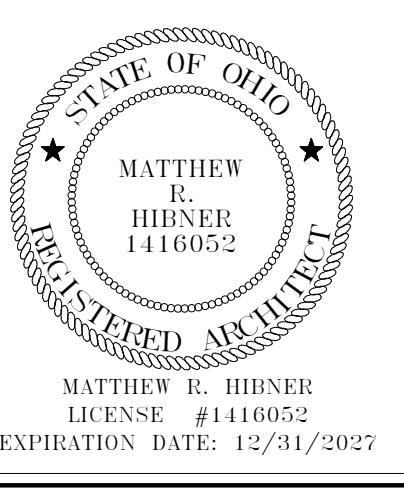
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
047.03	KCR	CDH

SHEET TITLE: **ELECTRICAL
ONE-LINE
DIAGRAMS AND
PANEL SCHEDULES**



ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

SHEET NUMBER: L1.0



MINISTER, OHIO COLUMBUS, OHIO 43228, INDIANAPOLIS, INDIANA
CGRBDO.COM

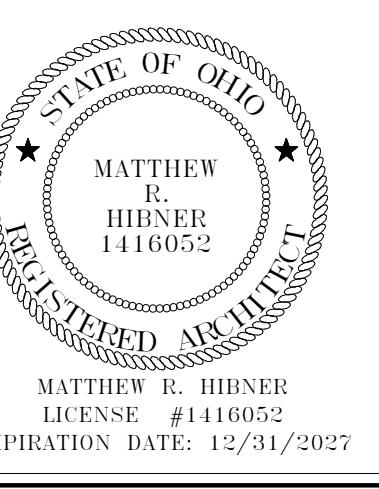
MATTHEW R. HINER
LICENSE #4116952
EXPIRATION DATE: 12/31/2027



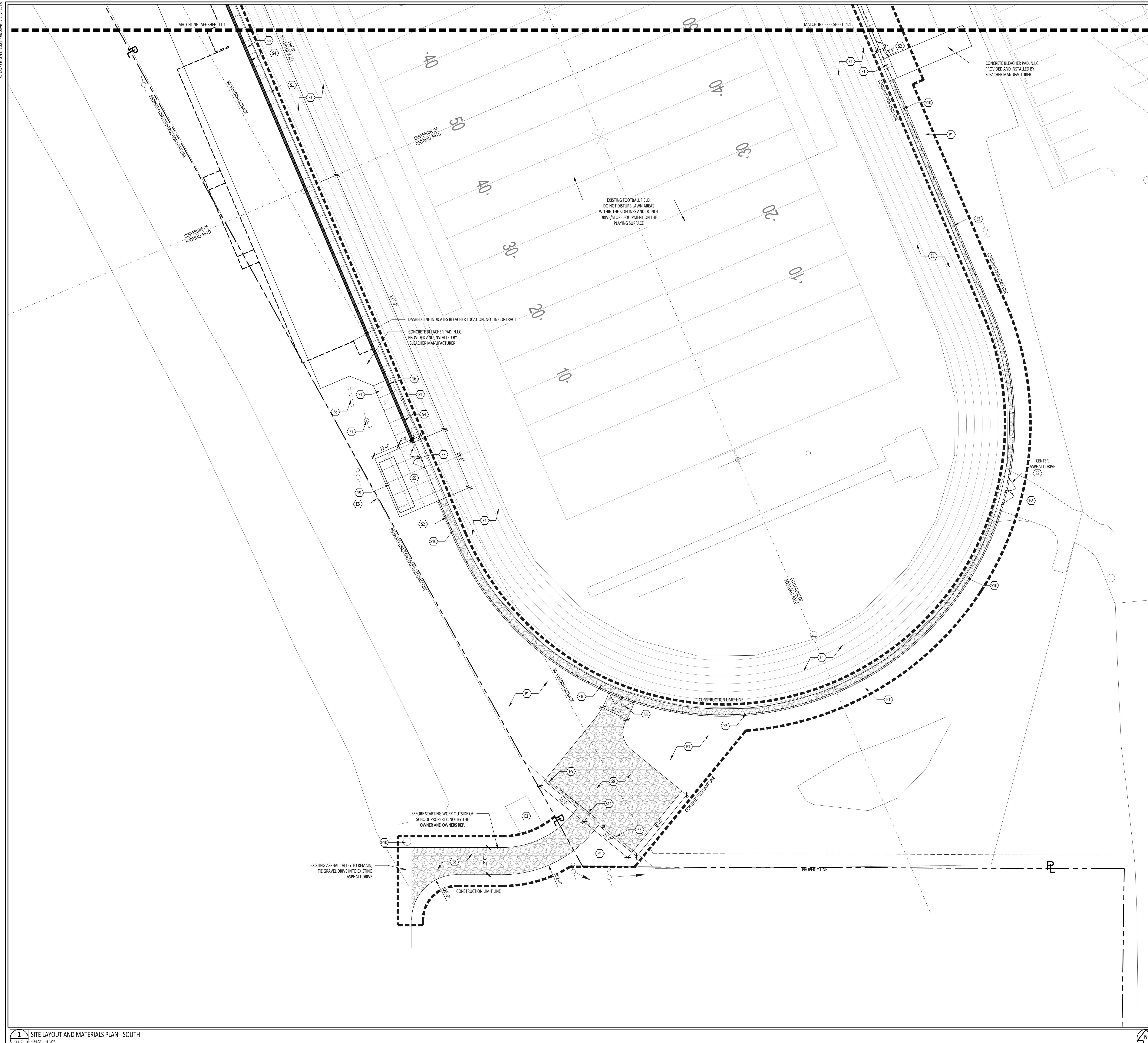
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304



STATE OF OHIO
MATTHEW R. HIRNER
LICENSE # 14110552
EXPIRATION DATE: 12/31/2022



ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS



STATE OF OHIO
MATTHEW R. HINER
HINER
LICENSURE #14110552
EXPIRATION DATE: 12/31/2022

GARMANN
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NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

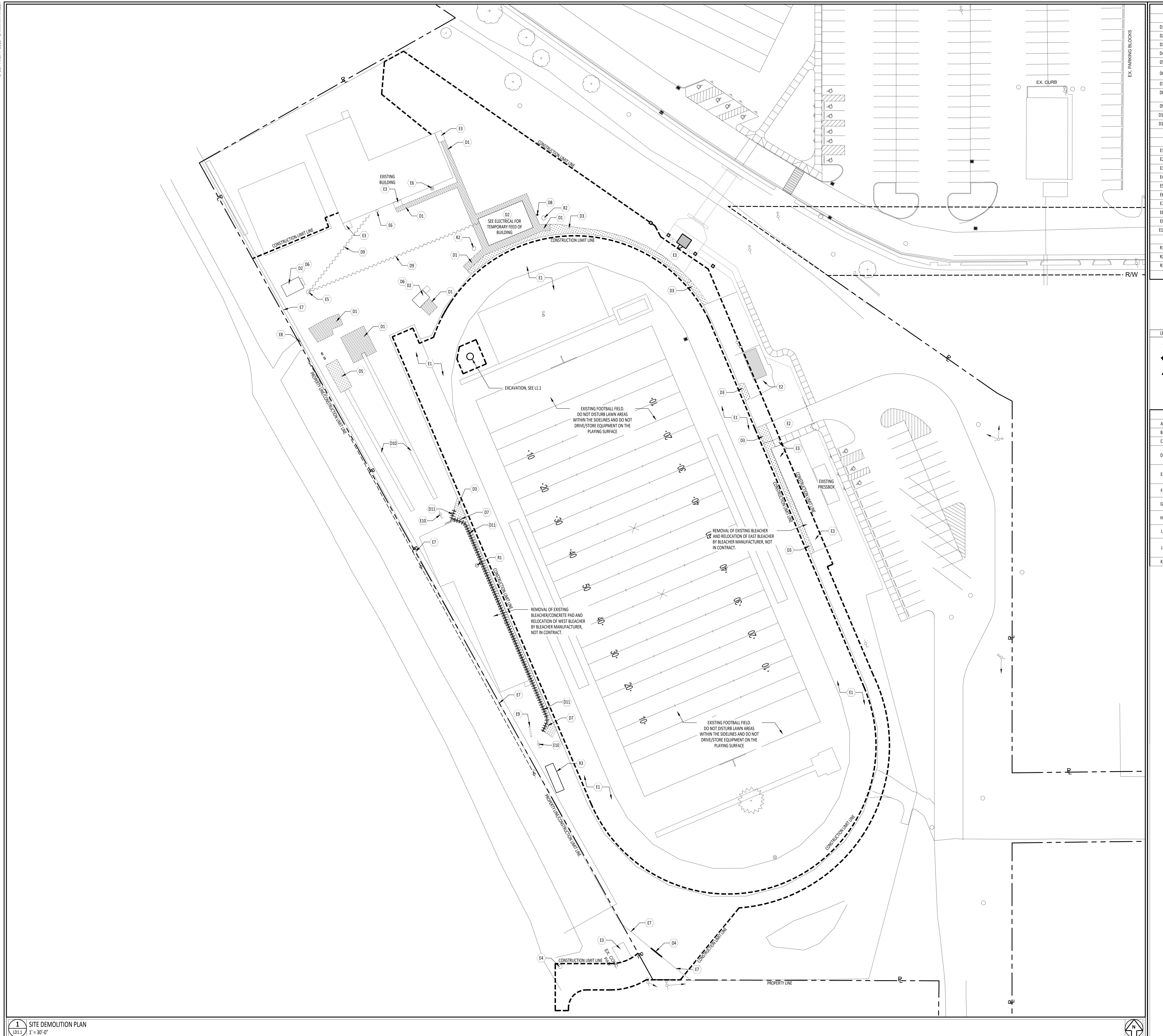
ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS 01/06/2026

PROJECT NUMBER: 23047.03
DRAWN BY: MAD
CHECKED BY: SKE

SHEET TITLE:
SITE LAYOUT AND MATERIALS PLAN - SOUTH

SHEET NUMBER:
L1.2



KEYNOTE SCHEDULE	
D1	REMOVE CONCRETE
D2	REMOVE BUILDING STRUCTURE, FOUNDATIONS AND FOOTERS
D3	REMOVE ASPHALT PAVEMENT
D4	REMOVE CHAINLINK FENCE
D5	REMOVE LONG JUMP AGGREGATE
D6	DISCONNECT ELECTRIC SERVICE TO BUILDING PRIOR TO REMOVAL OF BUILDING. COORDINATE WORK WITH ELECTRIC COMPANY AND OWNER.
D7	REMOVE PRE-CAST STEPS
D8	REMOVE EXISTING SPEAKER FROM WOOD POLE AND TURN OVER TO OWNER. REMOVE EXISTING POLE AND ASSOCIATED OVERHEAD SOUND CONDUIT AND UNDERGROUND ELECTRIC CONDUIT.
D9	REMOVE EXISTING WATERLINE, VERIFY LOCATION IN FIELD
D10	REMOVE TRACK SURFACE AND ASSOCIATED BASE
D11	REMOVE EXISTING MODULAR WALL
EXISTING	
E1	EXISTING TRACK SURFACE
E2	EXISTING ASPHALT
E3	EXISTING CONCRETE
E4	EXISTING MANHOLE TO REMAIN
E5	EXISTING WATER METER PIT
E6	EXISTING CLEANOUT TO REMAIN
E7	EXISTING CHAINLINK FENCE
E8	EXISTING CHAINLINK GATE
E9	EXISTING ELECTRICAL METER, SEE ELECTRICAL DRAWINGS
E10	EXISTING BURHOLE TO REMAIN
SALVAGE/RELOCATE	
R1	SALVAGE EXISTING VICTORY BELL, SEE SHEET L1.1 FOR RELOCATION
R2	SALVAGE EXISTING MEMORIAL ROCK, SEE SHEET L1.1 FOR RELOCATION
R3	SALVAGE EXISTING PRESTANDING BLEACHER AND TURN OVER TO OWNER

LEGEND	
	KEY NOTE DESIGNATION-REFER TO NOTES IN THIS SHEET
	SANICUT AND REMOVE ASPHALT
	SANICUT AND REMOVE CONCRETE
	REMOVE
	REMOVE UNDERGROUND UTILITY
	REMOVE MODULAR RETAINING WALL

GENERAL NOTES	
A.	CALL O.U.P.S. AT 1-800-362-2764 FOR UNDERGROUND UTILITY INFORMATION
B.	CALL 1-800-925-0988 FOR OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE
C.	SEE "KNOW WHAT'S BELOW" AT www.call811.com OR CALL 811
D.	FIELD VERIFY DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
E.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
F.	PAVING, FORTIFICATION, AND SITE IMPROVEMENTS TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. THIS INCLUDES ALL BASE MATERIAL.
G.	ITEMS AND MATERIALS NOTED AS REMOVE SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR OFF SITE. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER.
H.	TEMPORARY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
I.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA WHERE LEFT EXPOSED TO VIEW.
J.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
K.	PATCH AND REPAIR DISTURBED LAWN AREAS.

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

ISSUANCES/REVISIONS		
CONSTRUCTION DOCUMENTS		01/06/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MAD	SKE

SHEET TITLE:	
SITE DEMOLITION PLAN	

SHEET NUMBER:
LD1.1



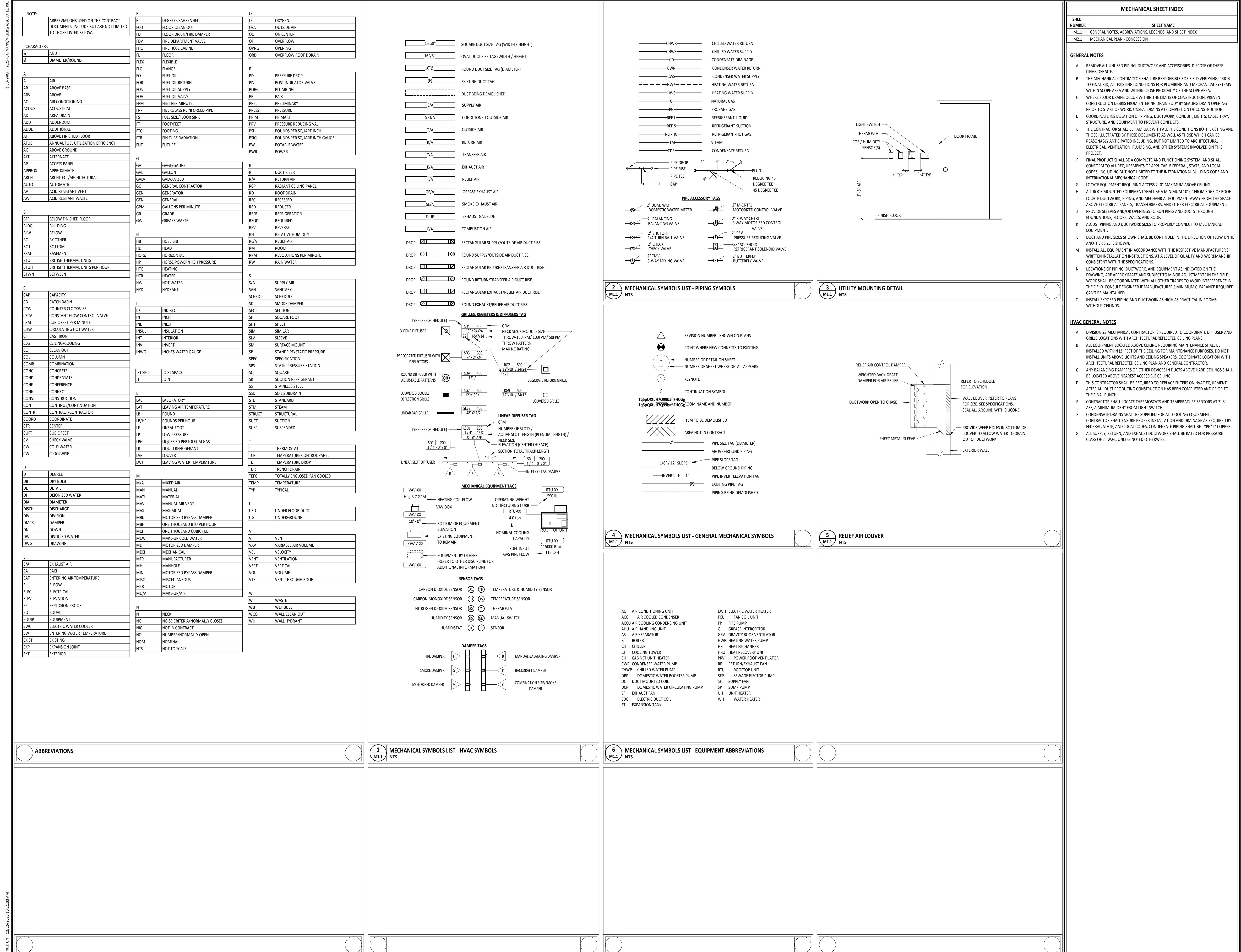
- NOTE:	
	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.
- CHARACTERS	
&	AND
Ø	DIAMETER/ROUND
A	
A	AIR
AB	ABOVE BASE
ABV	ABOVE
AC	AIR CONDITIONING
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADD	ADDENDUM
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AG	ABOVE GROUND
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AUTO	AUTOMATIC
AV	ACID RESISTANT VENT
AW	ACID RESISTANT WASTE
B	
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BLW	BELOW
BO	BY OTHER
BOT	BOTTOM
BSMT	BASEMENT
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BTWN	BETWEEN
C	
CAP	CAPACITY
CB	CATCH BASIN
CCW	COUNTER CLOCKWISE
CFCV	CONSTANT FLOW CONTROL VALVE
CFM	CUBIC FEET PER MINUTE
CHW	CIRCULATING HOT WATER
CI	CAST IRON
CLG	CEILING/COOLING
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDENSATE
CONF	CONFERENCE
CONN	CONNECT
CONST	CONSTRUCTION
CONT	CONTINUE/CONTINUATION
CONTR	CONTRACT/CONTRACTOR
COORD	COORDINATE
CTR	CENTER
CUFT	CUBIC FEET
CV	CHECK VALVE
CW	COLD WATER
CW	CLOCKWISE
D	
D	DEGREE
DB	DRY BULB
DET	DETAIL
DI	DEIONIZED WATER
DIA	DIAMETER
DISCH	DISCHARGE
DIV	DIVISION
DMPR	DAMPER
DN	DOWN
DW	DISTILLED WATER
DWG	DRAWING
E	
E/A	EXHAUST AIR
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EL	ELBOW
ELEC	ELECTRICAL
ELEV	ELEVATION
EP	EXPLOSION PROOF
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
EXP	EXPANSION JOINT
F	
F	DEGREES FAHRENHEIT
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN/FIRE DAMPER
FDV	FIRE DEPARTMENT VALVE
FHC	FIRE HOSE CABINET
FL	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VALVE
FPM	FEET PER MINUTE
FRP	FIBERGLASS REINFORCED PIPE
FS	FULL SIZE/FLOOR SINK
FT	FOOT/FEET
FTG	FOOTING
FTR	FIN TUBE RADIATION
FUT	FUTURE
G	
GA	GAGE/GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GENL	GENERAL
GPM	GALLONS PER MINUTE
GR	GRADE
GW	GREASE WASTE
H	
HB	HOSE BIB
HD	HEAD
HORZ	HORIZONTAL
HP	HORSE POWER/HIGH PRESSURE
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HYD	HYDRANT
I	
ID	INDIRECT
IN	INCH
INL	INLET
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
INWG	INCHES WATER GAUGE
J	
JST SPC	JOIST SPACE
JT	JOINT
L	
LAB	LABORATORY
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LB/HR	POUNDS PER HOUR
LF	LINEAL FOOT
LP	LOW PRESSURE
LPG	LIQUEFIED PETROLEUM GAS
LR	LIQUID REFRIGERANT
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE
M	
M/A	MIXED AIR
MAN	MANUAL
MATL	MATERIAL
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBD	MOTORIZED BYPASS DAMPER
MBH	ONE THOUSAND BTU PER HOUR
MCF	ONE THOUSAND CUBIC FEET
MCW	MAKE-UP COLD WATER
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MOTORIZED BYPASS DAMPER
MISC	MISCELLANEOUS
MTR	MOTOR
MU/A	MAKE-UP/AIR
N	
N	NECK
NC	NOISE CRITERIA/NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NUMBER/NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE

ABBREVIATIONS

1 MECHANICAL SYMBOLS LIST - HVAC SYMBOLS

6 MECHANICAL SYMBOLS LIST - EQUIPMENT ABBREVIATIONS

11. *Constitutive equations for the isotropic and anisotropic linearly elastic behavior of a two-phase material*



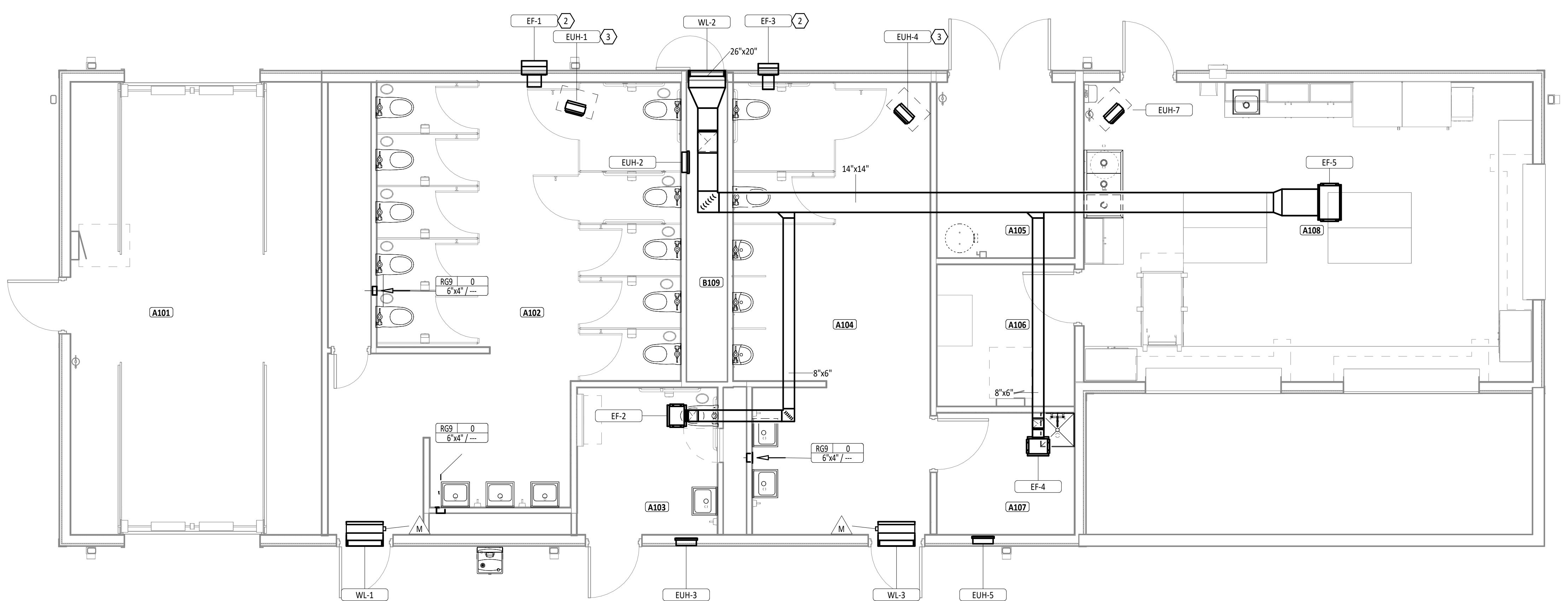
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

ISSUANCES/REVISIONS

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
3047 03	RAG	MAK

GENERAL NOTES, ABBREVIATIONS, LEGENDS, AND SHEET INDEX

SHEET NUMBER:
M1.1



1
M2.1 MECHANICAL PLAN - CONCESSION
1/4" = 1'-0"

EXHAUST FAN SCHEDULE																				
ID	LOCATION		MANUFACTURER	MODEL NO.	TYPE	FAN						CONTROL			DISCONNECT			ACCESSORIES	REMARKS	
	Space: Name	Space: Number				AIRFLOW DESIGN	PRESS ESP	DRIVE	MOTOR	SONES	UNIT WEIGHT	FLA	VOLT	PH	SPEED CONTROLLER	TYPE	FURNISH BY			
EF-1	WOMEN'S RESTROOM	A102	Fantech	RVF 10XL EC	INLINE	750 CFM	0.30 in-wg	1696	DIRECT	111 W	Yes	21	28 lb	1.7 A	120 V	1	WC-15	NFS	MANUF. METAL EXHAUST GRILLE, MGE 10 AND GRAVITY BACKDRAFT DAMPER	DIVISION 26 OCCUPANCY SENSOR WITH LIGHTS.
EF-2	FAMILY RESTROOM	A103	Greenheck	SP-A110	CEILING	75 CFM	0.30 in-wg	950	DIRECT	16 W	Yes	1	25 lb	0.2 A	120 V	1	S/S	NFS	MANUF. GRAVITY BACKDRAFT DAMPER	DIVISION 26 OCCUPANCY SENSOR WITH LIGHTS.
EF-3	MEN'S RESTROOM	A104	Fantech	RVF 8XL EC	INLINE	375 CFM	0.30 in-wg	1835	DIRECT	45 W	Yes	15	17 lb	1.2 A	120 V	1	WC-15	NFS	MANUF. METAL EXHAUST GRILLE, MGE 8 AND GRAVITY BACKDRAFT DAMPER	DIVISION 26 OCCUPANCY SENSOR WITH LIGHTS.
EF-4	JANITOR CLOSET	A107	Greenheck	SP-A110	CEILING	75 CFM	0.30 in-wg	950	DIRECT	16 W	Yes	1	25 lb	0.2 A	120 V	1	S/S	NFS	MANUF. GRAVITY BACKDRAFT DAMPER	MANUAL OPERATION BY DIVISION 26 TIMER SWITCH.
EF-5	CONCESSION STAND	A108	Greenheck	SP-A1050	CEILING	1000 CFM	0.30 in-wg	1240	DIRECT	438 W	Yes	7	64 lb	4.8 A	120 V	1	S/S	NFS	MANUF. GRAVITY BACKDRAFT DAMPER AND VIBRATION ISOLATION KIT	MANUAL OPERATION BY DIVISION 26 TIMER SWITCH.

ELECTRIC UNIT HEATER SCHEDULE																					
ID	LOCATION		MANUFACTURER	MODEL NO.	TYPE	FAN			HEATING COIL			HEATING ELEMENT			UNIT DIMENSIONS			REMARKS			
	NAME	NO.				AIRFLOW DESIGN	MOTOR QTY	ECM	EAT(db)	LAT(db)	QTY	POWER	TOP MOUNT HEIGHT	AFF ELEVATION	UNIT WEIGHT	FLA	MCA	MOCP	VOLT		
EUH-1	WOMEN'S RESTROOM	A102	BERKO	HUHAA	UNIT	650 CFM	1	Yes	55.0°F	103.6°F	1	10.0 kW	9'-0"	0'-0"	36 lb	42 A	42 A	50 A	240 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT AND OUTLET MESH. MOUNT WITH FACTORY SUPPLIED CEILING OR WALL BRACKET.
EUH-2	PLUMBING CHASE	B109	BERKO	FRC	CABINET	100 CFM	1	No	55.0°F	102.4°F	1	1.5 kW		1'-0"	25 lb	13 A	13 A	15 A	120 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT.
EUH-3	FAMILY RESTROOM	A103	BERKO	FRC	CABINET	100 CFM	1	No	55.0°F	102.4°F	1	1.5 kW	1'-0"	25 lb	13 A	13 A	15 A	120 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT.	
EUH-4	MEN'S RESTROOM	A104	BERKO	HUHAA	UNIT	350 CFM	1	Yes	55.0°F	100.1°F	1	5.0 kW	9'-0"	0'-0"	24 lb	21 A	21 A	25 A	240 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT AND OUTLET MESH. MOUNT WITH FACTORY SUPPLIED CEILING OR WALL BRACKET.
EUH-5	JANITOR CLOSET	A107	BERKO	FRC	CABINET	100 CFM	1	No	55.0°F	102.4°F	1	1.5 kW	1'-0"	25 lb	13 A	13 A	15 A	120 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT.	
EUH-6	CONCESSION STAND	A108	BERKO	HUHAA	UNIT	350 CFM	1	Yes	55.0°F	100.1°F	1	5.0 kW	9'-0"	0'-0"	24 lb	21 A	21 A	25 A	240 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT. MOUNT WITH FACTORY SUPPLIED CEILING OR WALL BRACKET.
EUH-7	TICKET BOOTH	B101	BERKO	FRC	CABINET	100 CFM	1	No	55.0°F	102.4°F	1	1.5 kW	1'-0"	25 lb	13 A	13 A	15 A	120 V	1	PROVIDE WITH MANUFACTURER'S INTERNAL THERMOSTAT AND FACTORY MOUNTED DISCONNECT.	

ASHRAE 62.1 VENTILATION RATE PROCEDURE SUMMARY														
ROOM IDENTITY	LOCATION	Occupancy Category	Selected Supply Airflow	Number of People, Pz	Outdoor Airflow Rate	Outdoor Airflow	Zone Air Distribution Effectiveness, Ez	Breathing Zone Outdoor Air Intake Flow, Voz	Required Outdoor Air Intake Flow, Vot	OA Delivered	Specified Exhaust Airflow	REMARKS		
NO.	NAME		Area, Az		Per Person, Rp	Rate Per Unit Area, Ra	Airflow, Voz	Intake Flow, Vot	0.0 CFM	0.0 CFM	0.0 CFM	0.0 CFM	0.0 CFM	
A101	STORAGE	Storage rooms	394 SF	0	0.0 CFM	0.12 CFM/SF	47 CFM		8 CFM		0 CFM			
A102	WOMEN'S RESTROOM	Toilets (public)	431 SF	750 CFM	0				750 CFM	750 CFM				
A103	FAMILY RESTROOM	Toilets (public)	72 SF	75 CFM	0				75 CFM	75 CFM				
A104	MEN'S RESTROOM	Toilets (public)	297 SF	375 CFM	0				375 CFM	375 CFM				
A105	MECHANICAL ROOM	Electrical equipment rooms	84 SF	0 CFM	0	0.0 CFM	0.06 CFM/SF		5 CFM		0 CFM			
A106	STORAGE	Storage rooms	68 SF	0 CFM	0	0.0 CFM	0.12 CFM/SF		8 CFM		0 CFM			
A107	JANITOR CLOSET	Storage rooms	58 SF	75 CFM	0	0.0 CFM	0.12 CFM/SF		7 CFM	75 CFM	75 CFM			
A108	CONCESSION STAND	Coffee stations	467 SF	1000 CFM	4	5.0 CFM	0.06 CFM/SF		48 CFM	1000 CFM	1000 CFM			
Default: 8			1870 SF	2275 CFM	4				115 CFM	0 CFM	2275 CFM	2275 CFM		

LOUVER SCHEDULE																		
ID	SERVES	MANUFACTURER	MODEL NO.	TYPE	DESIGN AIRFLOW	PD	DIMENSIONS			DIMENSIONS			INTERLOCK	REMARKS				
							WIDTH	HEIGHT	HEIGHT	WIDTH	HEIGHT	HEIGHT	UNIT WEIGHT	ID				
WL-1	WOMEN'S RESTROOM	GREENHECK	ESD-435	INTAKE	750 CFM	0.08 in-wg	26"	16"	9'-6"									

- NOTE:
ABBREVIATIONS USED ON THE
CONTRACT DOCUMENTS,
INCLUDE BUT ARE NOT LIMITED
TO THOSE LISTED BELOW.

- CHARACTERS
& AND
Ø DIAMETER/ROUND

A AIR
AB ABOVE BASE
ABV ABOVE
AC AIR CONDITIONING
ACOUS ACOUSTICAL
AD AREA DRAIN
ADD ADDENDUM
ADOL ADDITIONAL
AFF ABOVE FINISHED FLOOR
AFUE ANNUAL FUEL UTILIZATION
EFFICIENCY
AG ABOVE GROUND
ALT ALTERNATE
AP ACCESS PANEL
APPROX APPROXIMATE
ARCH ARCHITECT/ARCHITECTURAL
AUTO AUTOMATIC
AV ACID RESISTANT VENT
AW ACID RESISTANT WASTE

B BFF BELOW FINISHED FLOOR
BLDG BUILDING
BLW BELOW
BO BY OTHER
BOT BOTTOM
BSMT BASEMENT
BTU BRITISH THERMAL UNITS
BTUH BRITISH THERMAL UNITS PER
HOUR
BTWN BETWEEN

C CAPACITY
CB CATCH BASIN
CCW COUNTER CLOCKWISE
CFCV CONSTANT FLOW CONTROL
VALVE
CFM CUBIC FEET PER MINUTE
CHW CIRCULATING HOT WATER
CI CAST IRON
CLG CEILING/COOLING
CO CLEAN OUT
COL COLUMN
COMB COMBINATION
CONC CONCRETE
COND CONDENSATE
CONF CONFERENCE
CONN CONNECT
CONST CONSTRUCTION
CONT CONTINUE/CONTINUATION
CONTR CONTRACT/CONTRACTOR
COORD COORDINATE
CTR CENTER
CUFT CUBIC FEET
CV CHECK VALVE
CW COLD WATER
CW CLOCKWISE

D DEGREE
DB DRY BULB
DET DETAIL
DI DEIONIZED WATER
DIA DIAMETER
DISCH DISCHARGE
DIV DIVISION
DMPR DAMPER
DN DOWN
DW DISTILLED WATER
DWG DRAWING

E/A EXHAUST AIR
EA EACH
EAT ENTERING AIR TEMPERATURE
EL ELBOW
ELEC ELECTRICAL
ELEV ELEVATION
EP EXPLOSION PROOF
EQ EQUAL
EQUIP EQUIPMENT
FWC ELECTRIC WATER COOLER
EWT ENTERING WATER
TEMPERATURE
EXIST EXISTING
EXP EXPANSION JOINT
EXT EXTERIOR

F	DEGREES FAHRENHEIT
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN/FIRE DAMPER
FDV	FIRE DEPARTMENT VALVE
FHC	FIRE HOSE CABINET
FL	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VALVE
FPM	FEET PER MINUTE
FRP	FIBERGLASS REINFORCED PIPE
FS	FULL SIZE FLOOR SINK
FT	FOOT/FEET
FTG	FOOTING
FTR	FIN TUBE RADIATION
FUT	FUTURE
PD	PRESSURE DROP
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PR	PAIR
PREL	PRELIMINARY
PRESS	PRESSURE
PRIM	PRIMARY
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PW	POTABLE WATER
PWR	POWER

G	GAGE/GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GENL	GENERAL
REC	RECESSED
RED	REDUCER
REFR	REFRIGERATION
REQD	REQUIRED
REV	REVERSE
RH	RELATIVE HUMIDITY
RUA	RELIEF AIR
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RHTG	HEATING
HTR	HEATER
HW	HOT WATER
HYD	HYDRANT

I	INDIRECT
IDN	INCH
INL	INLET
SF	SQUARE FOOT
SHT	SHEET
SM	SIMILAR
SLV	SLEEVE
SM	SURFACE MOUNT
SP	STANDPIPE/STATIC PRESSURE
SPEC	SPECIFICATION
SPS	STATIC PRESSURE STATION
SQ	SQUARE
SR	SUCTION REFRIGERANT
SS	STAINLESS STEEL
SSD	SOIL SUBDRAIN
STD	STANDARD
STM	STEAM
STRUCT	STRUCTURAL
SUCTION	SUCTION
SUSP	SUSPENDED

J	JOINT SPACE
JT	JOINT

L	LABORATORY
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LB/HR	POUNDS PER HOUR
LF	LINEAR FOOT
LP	LOW PRESSURE
LPG	LIQUEFIED PETROLEUM GAS
LR	LIQUID REFRIGERANT
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE

T	THERMOSTAT
TCP	TEMPERATURE CONTROL PANEL
TD	TEMPERATURE DROP
TDR	TRENCH DRAIN
TEFC	TOTALLY ENCLOSED FAN COOLED
TEMP	TEMPERATURE
TYP	TYPICAL

UFD	UNDER FLOOR DUCT
UG	UNDERGROUND

V	VENT
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENTILATION
VERT	VERTICAL
VOL	VOLUME
VTR	VENT THROUGH ROOF

W	WASTE
WB	WET BULB
WCO	WALL CLEAN OUT
WH	WALL HYDRANT

N	NECK
NC	NOISE CRITERIA/NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NUMBER/NORMALLY OPEN
NOM	NOMINAL

NTS	NOT TO SCALE
-----	--------------

ABBREVIATIONS	
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7	PLUMBING PIPE HANGER DETAIL
---	-----------------------------

8	PIPE HANGER - CLEVIS - 6" AND SMALLER
---	---------------------------------------

9	WATER HEATER PIPING DETAIL
---	----------------------------

CWV	COMBINATION WASTE & VENT
CA	COMPRESSED AIR
CW	DOMESTIC COLD WATER
H-CW	HARD COLD WATER
S-CW	SOFT COLD WATER
F-CW	FILTERED COLD WATER
RO	REVERSE OSMOSIS WATER
HW	HOT WATER
HW 140°	HOT WATER 140°
HW-R	HOT WATER RECIRCULATION
HW-R 140°	HOT WATER RECIRCULATION 140°
GV	GREASE VENT
GW	GREASE WASTE
IW	INDIRECT WASTE
PRIM	PRIMARY
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PW	POTABLE WATER
PWR	POWER

1	PLUMBING AND PIPING SYMBOLS
---	-----------------------------

2	CLEANOUT - FLUSH WITH FINISH FLOOR
---	------------------------------------

3	FLOOR SINK DETAIL
---	-------------------

4	"RH" RODDING HOLE DETAIL
---	--------------------------

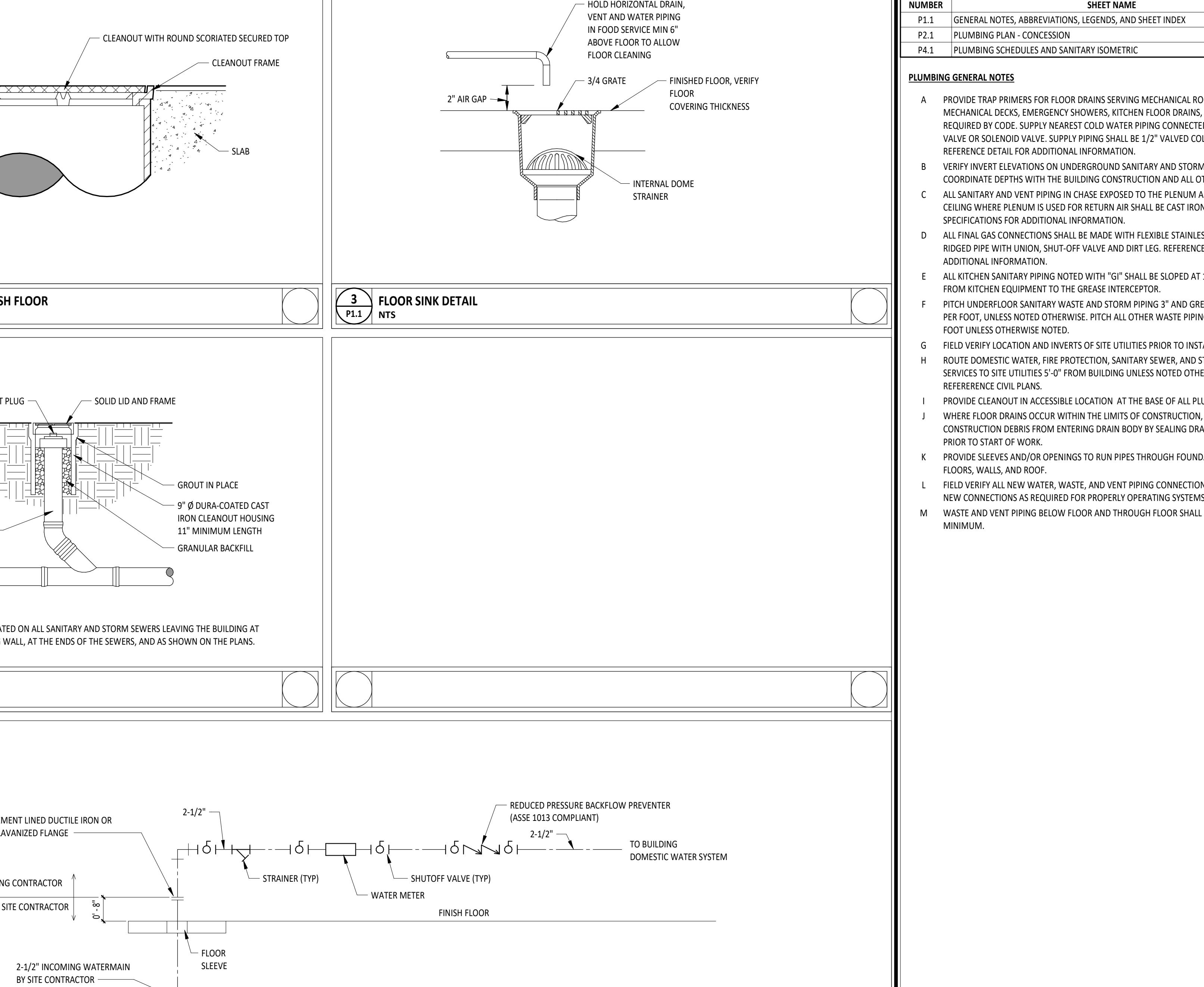
5	INCOMING WATERMAIN DETAIL
---	---------------------------

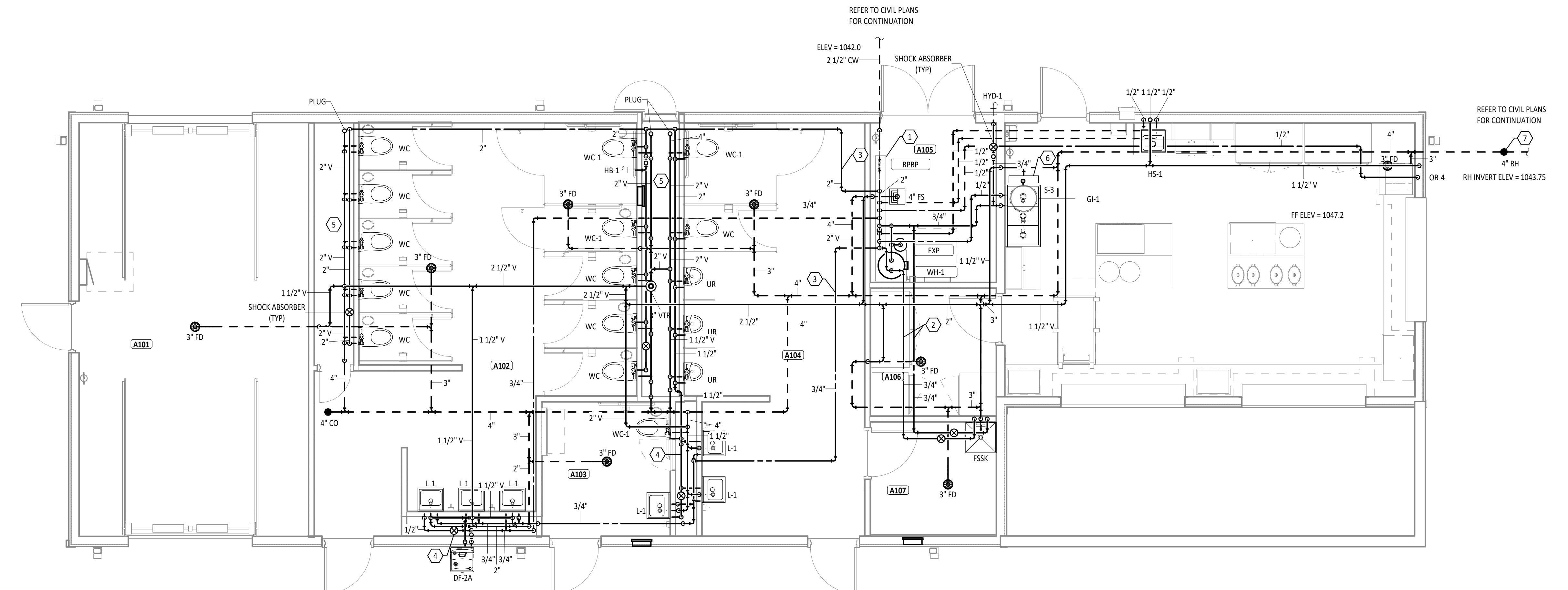
6	GENERAL PLUMBING SYMBOLS
---	--------------------------

7	PLUMBING PIPE HANGER DETAIL
---	-----------------------------

8	PIPE HANGER - CLEVIS - 6" AND SMALLER
---	---------------------------------------

9	WATER HEATER PIPING DETAIL
---	----------------------------





FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
A103	FAMILY RESTROOM	72 SF
A104	MEN'S RESTROOM	297 SF
A105	MECHANICAL ROOM	83 SF
A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

PLUMBING GENERAL NOTES

- A PROVIDE TRAP PRIMERS FOR FLOOR DRAINS SERVING MECHANICAL ROOMS, MECHANICAL DECKS, EMERGENCY SHOWERS, KITCHEN FLOOR DRAINS, AND AS REQUIRED BY CODE. SUPPLY NEAREST COLD WATER PIPING CONNECTED TO A FLUSH VALVE OR SOLENOID VALVE. SUPPLY PIPING SHALL BE 1/2" VALVED COLD WATER LINE. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.
- B VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY AND STORM PIPING. COORDINATE DEPTHS WITH GENERAL CONTRACTOR.
- C ALL SANITARY AND VENT PIPE IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- D ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIGID PIPE WITH UNION, SHUT-OFF VALVE AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.
- E ALL KITCHEN SANITARY PIPING NOTED WITH "G" SHALL BE SLOPED AT 1/4" PER FOOT FROM KITCHEN EQUIPMENT TO THE GREASE INTERCEPTOR.
- F PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
- G FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- H ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFERENCE CIVIL PLANS.
- I PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING RISERS.
- J WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.
- K PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- L FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- M WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.

#	KEYNOTE DESCRIPTION
1	DIVISION 22 PLUMBING CONTRACTOR SHALL PROVIDE 3-1/2" CONCRETE HOUSEKEEPING PAD FOR PLACEMENT OF PLUMBING EQUIPMENT AND TO PROTECT DOMESTIC WATER PIPING GOING UNDERGROUND. COORDINATE WORK WITH GENERAL CONTRACTOR.
2	DOMESTIC WATER PIPING, VALVES, AND ACCESSORIES SHALL BE ROUTED EXPOSED BELOW STRUCTURE WITHIN THE MECHANICAL AND STORAGE ROOMS. ALL PIPING SERVING THE FIXTURES SHALL BE CONCEALED WITHIN THE WALL UNLESS IT IS AN EXPOSED PIPING WHICH SHALL BE ROUTED EXPOSED. COORDINATE PIPING INSTALLATION TO AVOID ROUTING OVER ELECTRICAL PANELS. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
3	ROUTE UNDERGROUND COLD AND HOT DOMESTIC WATER PIPING IN FIELD TILE OR CONDUIT. STUB UP IN CHASES AS SHOWN. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
4	INSTALL VALVES, SHOCK ABSORBERS, AND ACCESSORIES IN ACCESSIBLE LOCATION FROM ACCESS DOOR WITHIN PLUMBING CHASE. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
5	INSTALL ALL PIPING SO CHASE IS ACCESSIBLE AND IS ABLE TO BE MAINTAINED. SLOPE ALL DOMESTIC WATER PIPING TO A DRAIN VALVE WITH HOSE CONNECTION TO ALLOW FOR DRAINAGE OF SYSTEM. COORDINATE WORK WITH GENERAL CONTRACTOR.
6	MOUNT GREASE INTERCEPTOR ON FLOOR UNDER SINK AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
7	COORDINATE INVERT WITH SITE CONTRACTOR TO ALLOW TIE-IN OF AN EXISTING BUILDING.

ARCANUM BOOSTER STADIUM PHASE III
IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OH 45304

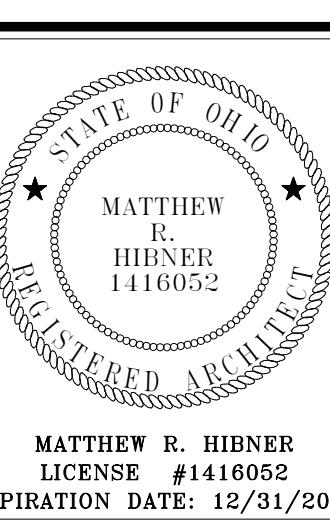
ISSUANCES/REVISIONS

CD PHASE SUBMISSION 01/06/2026

PROJECT NUMBER: 23047.03 DRAWN BY: RAG CHECKED BY: MAK

SHEET TITLE: PLUMBING PLAN - CONCESSION

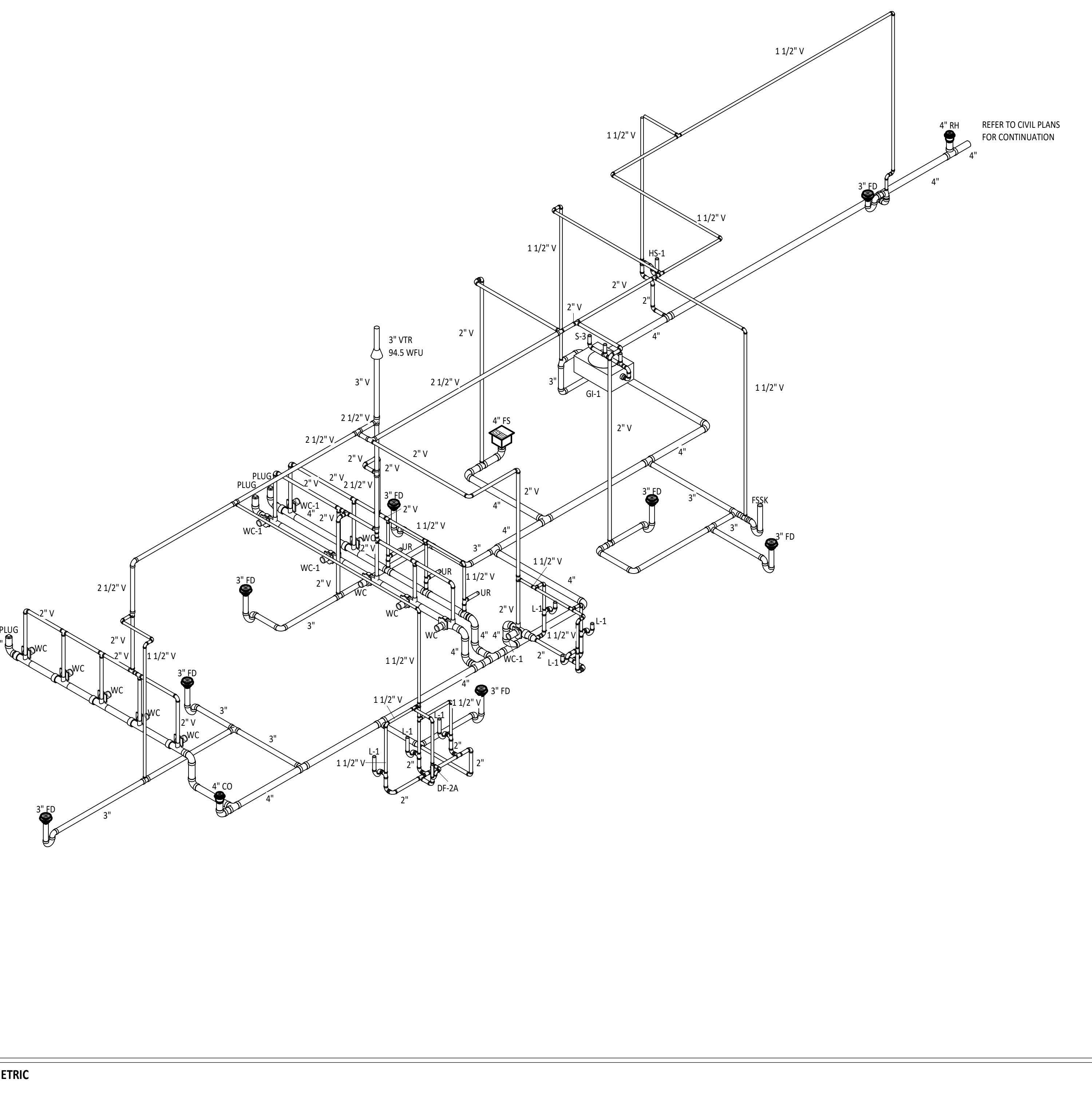
SHEET NUMBER: P2.1



REDUCED PRESSURE BACKFLOW PREVENTER SCHEDULE													
ID	NOMINAL DIAMETER	DESCRIPTION	MANUFACTURER	MODEL	COUNT	MATERIAL	FLUID PROPERTIES	VALVE PROPERTIES					REMARKS
							TYPE	RATED FLOW	PRESSURE DROP AT RATED FLOW	MAXIMUM ALLOWABLE WORKING PRESSURE	MAXIMUM ALLOWABLE WORKING TEMPERATURE	HYDROSTATIC TEST PRESSURE	
RPBP	2"	REDUCED PRESSURE PRINCIPLE ASSEMBLY	ZURN WILKINS	975 XL	1	BRONZE	WATER	160.0 GPM	35.1 ftH2O	403.7 ftH2O	180 °F	807.4 ftH2O	ASSE 1013 CERTIFIED REDUCED PRESSURE BACKFLOW PREVENTER WITH FULL PORT QUARTER TURN SHUTOFF VALVES. PROVIDE AN AIR GAP WITH RELIEF PIPED TO NEAREST FLOOR DRAIN. MOUNT AT 5'-0" AFF.

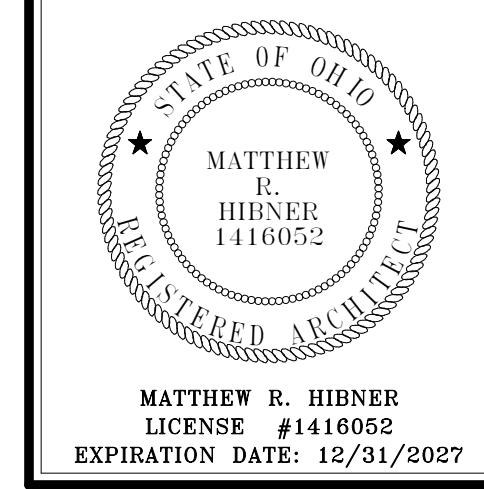
GREASE INTERCEPTOR SCHEDULE																	
ID	MANUFACTURER	MODEL	QTY	TYPE	MATERIAL DESCRIPTION	DESIGN FLOW	CAPACITY			INSTALLATION	PIPE CONNECTIONS		DIMENSIONS			REMARKS	
							LIQUID	GREASE	SOLIDS	ARRANGEMENT	DIA	DIA	VENT DIAMETER	LENGTH	WIDTH	HEIGHT	
GI-1	SCHIER	GB2	1	HYDROMECHANICAL	POLYPROPYLENE	35.0 GPM	20.0 gal	130.00 lbm	1.8 gal	ABOVE GRADE	3"	3"	4"	2' - 11"	1' - 11"	1' - 1 3/4"	MOUNT UNDER SINK

Electric Water Heater Schedule																												
ID	Location		Manufacturer	Model No.	Type	Electric Heat Exchanger			Electric Heat Exchanger			Unit	Weight	FLA	MCA	MOCP	Volt	PH	Remarks									
	Name	No.				Waterside		Heating Element																				
						Storage		Max Temp Rise	Qty	Power	SCR																	
						Recovery	Vol																					
WH-1	MECHANICAL ROOM	A105	AO SMITH	DEN-52	TANK	8.0 kW	41.0 gal/h	50.0 gal	80 °F	2	4 kW	No	100	131 lb	33 A	33 A	35 A	240 V	1									



ID	MANUFACTURER	MODEL	TANK VOLUME	ACCEPTANCE VOLUME	PRESS RELIEF	DIMENSIONS		UNIT WEIGHT	REMARKS
						DIAMETER	HEIGHT		
EXP	WILKINS	WTTA-5	3.5 gal	2.3 gal	150 psi	0' - 10"	1' - 2"	22 lb	

FLOOR DRAIN SCHEDULE											
ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION		WASTE	VENT	PRIMER	SPECIFICATION	REMARKS
					DRAIN BODY	STRAINER					
FD	FLOOR DRAIN	ZURN	ZN415-BZ1	8	EPOXY COATED CAST IRON	NICKEL BRONZE	3"	2"	---	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FS	FLOOR SINK	ZURN	Z566	1	DURA-COATED CAST IRON	EPOXY COATED CAST IRON	4"	2"	---	12" SQUARE X 8" DEEP SANITARY FLOOR SINK WITH LOOSE SET CAST IRON GRATE, DOME BOTTOM STRAINER, AND NO HUB OUTLET.	



IRCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

ISSUANCES/REVISIONS

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
3047.03	RAG	MAK

SHEET TITLE: **PLUMBING SCHEDULES AND SANITARY ISOMETRIC**

1 EX. SPRINKLER
EX. TOP = 1045.02

2 EX. YARD DRAIN
EX. GRATE = 1045.79

3 EX. YARD DRAIN
EX. GRATE = 1045.75

4 EX. YARD DRAIN
EX. GRATE = 1045.72

5 EX. YARD DRAIN
EX. GRATE = 1045.32
EX. INV. = 1040.97

6 EX. CATCH BASIN
EX. GRATE = 1044.84
EX. 8" INV. (W) = 1041.58
EX. 6" INV. (NE) = 1041.69

7 EX. CATCH BASIN
EX. GRATE = 1044.69
EX. 12" INV. (S) = 1040.18
EX. 8" INV. (E) = 1040.24

8 EX. STORM MANHOLE
EX. TOP = 1045.21
EX. 8" INV. (W) = 1041.56
EX. 8" INV. (E) = 1041.59
EX. 8" INV. (N) = 1041.61

9 EX. STORM MANHOLE
EX. TOP = 1045.42
EX. 8" INV. (W) = 1040.89
EX. 8" INV. (E) = 1040.97

10 EX. STORM MANHOLE
EX. TOP = 1044.81
EX. 12" INV. (SW) = 1040.69
EX. 12" INV. (N) = 1040.96
EX. 8" INV. (E) = 1040.78

11 EX. CATCH BASIN
EX. GRATE = 1044.23
EX. 15" INV. (S) = 1039.82
EX. 12" INV. (N) = 1039.83
EX. 4" INV. (E) = 1042.78

12 EX. CATCH BASIN
EX. GRATE = 1043.68
EX. 6" INV. (W) = 1042.10

13 EX. CATCH BASIN
EX. GRATE = 1043.47
EX. BTM. = 1039.15

14 EX. CATCH BASIN
EX. GRATE = 1043.52
EX. 6" INV. (W) = 1042.07

15 EX. CATCH BASIN
EX. GRATE = 1042.94
EX. 4" INV. (SW) = 1042.24

16 EX. CATCH BASIN
EX. GRATE = 1043.63
EX. 4" INV. (NE) = 1041.63

17 EX. STORM MANHOLE
EX. TOP = 1044.34
EX. 12" INV. (SE) = 1038.52
EX. 12" INV. (N) = 1038.31
EX. 12" INV. (S) = 1038.34

18 EX. STORM MANHOLE
EX. TOP = 1044.21
EX. 12" INV. (S) = 1038.56
EX. 12" INV. (N) = 1038.66
EX. 6" INV. (SE) = 1038.91

19 EX. SANITARY MANHOLE
EX. TOP = 1044.18
EX. 8" INV. (E-W) = 1037.22

20 EX. SANITARY MANHOLE
EX. TOP = 1044.78
EX. 8" INV. (E-W) = 1036.40

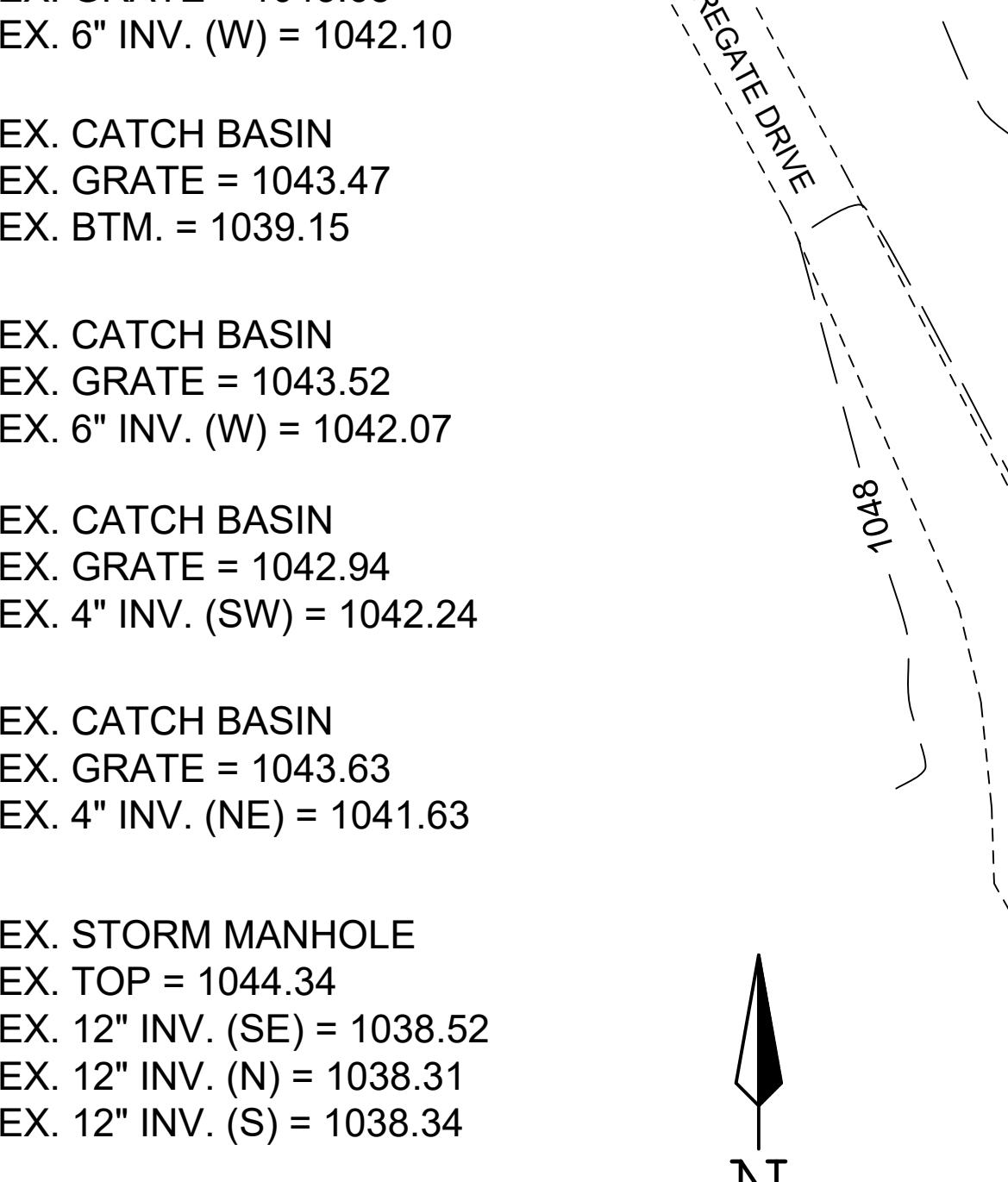
21 EX. CATCH BASIN
EX. GRATE = 1044.49
EX. 6" INV. (W) = 1042.69

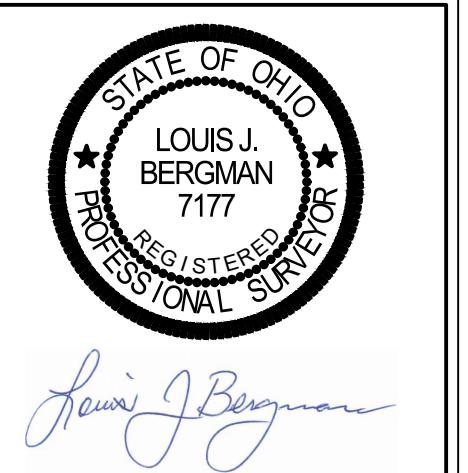
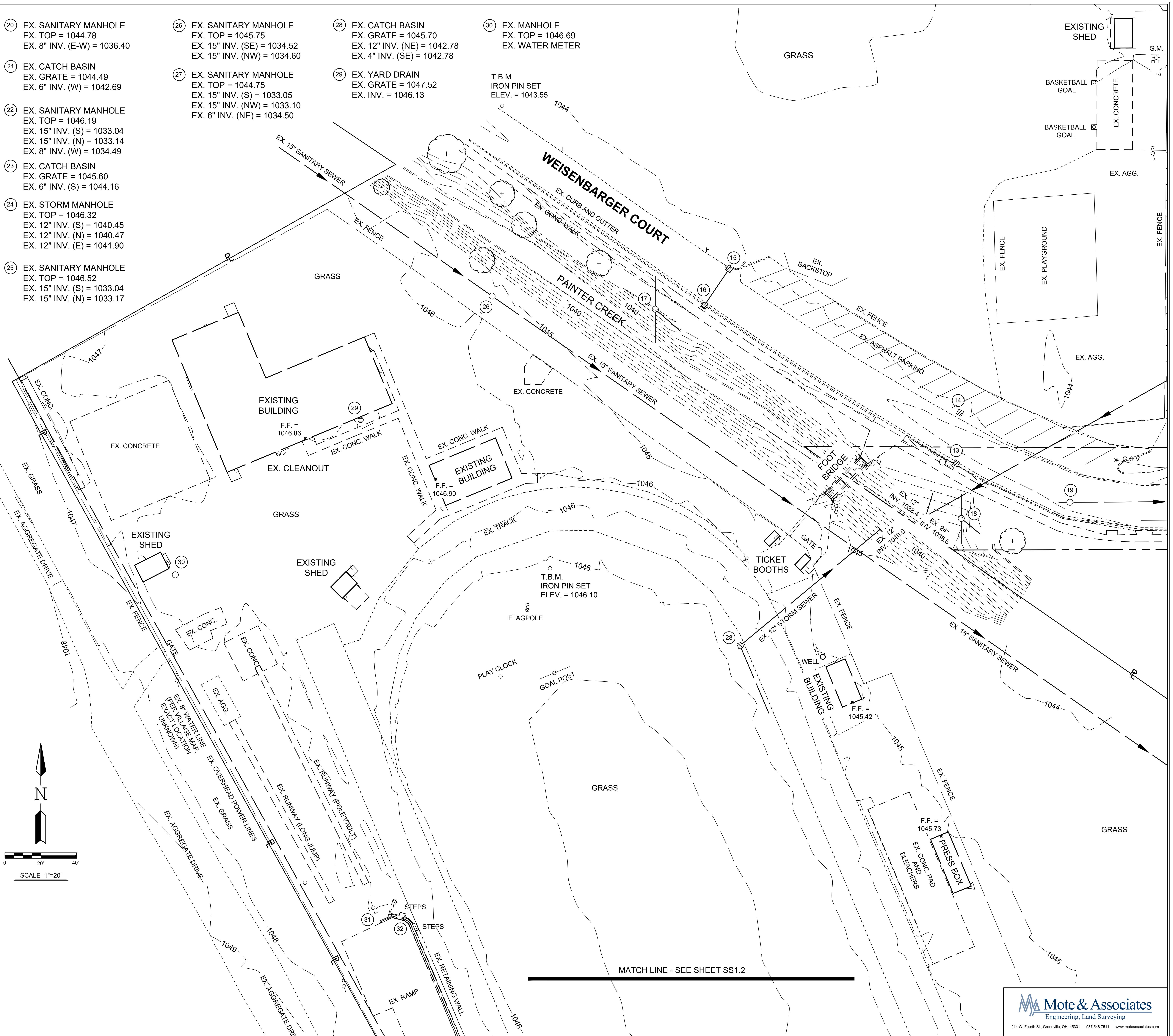
22 EX. SANITARY MANHOLE
EX. TOP = 1046.19
EX. 15" INV. (S) = 1033.04
EX. 15" INV. (N) = 1033.14
EX. 8" INV. (W) = 1034.49

23 EX. CATCH BASIN
EX. GRATE = 1045.60
EX. 6" INV. (S) = 1044.16

24 EX. STORM MANHOLE
EX. TOP = 1046.32
EX. 12" INV. (S) = 1040.45
EX. 12" INV. (N) = 1040.47
EX. 12" INV. (E) = 1041.90

25 EX. SANITARY MANHOLE
EX. TOP = 1046.52
EX. 15" INV. (S) = 1033.04
EX. 15" INV. (N) = 1033.17





GARMAN MILLER

The logo for General Electric (GE) is displayed, consisting of a stylized 'G' and 'E' inside a 3D cube.

The logo for GARMAN MILLER is displayed vertically. It features a large, stylized green hexagonal graphic at the bottom. Above the hexagon, the word "GARMAN" is written in large, bold, black capital letters, and below it, "MILLER" is also written in large, bold, black capital letters.

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

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310 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	TJB	LJB

SHEET TITLE: **SITE SURVEY**

SHEET NUMBER:

SS1.1



ARCANUM BOOSTER SIADIUM PHASE III IMPROVEMENTS

MINISTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FT. WAYNE, INDIANA

110 NORTH MAIN STREET, ARCANUM, OHIO 45304

- (31) EX. TRENCH DRAIN
EX. GRATE = 1047.44
- (32) EX. TRENCH DRAIN
EX. GRATE = 1047.48
- (33) EX. STORM MANHOLE
EX. TOP = 1044.66
EX. 12" INV. = (NE) = 1039.06
EX. 12" INV. (SW) = 1039.09
EX. 6" INV. (SE) = 1040.68
- (34) EX. SANITARY MANHOLE
EX. TOP = 1044.96
EX. 8" INV. (SW) = 1039.86
EX. 8" INV. (SE) = 1039.88
- (35) EX. SANITARY MANHOLE
EX. TOP = 1045.14
EX. 8" INV. = (S) = 1038.44
EX. 8" INV. (NE) = 1038.49
- (36) EX. SANITARY MANHOLE
EX. TOP = 1048.30
EX. 8" INV. (S) = 1038.60
EX. 8" INV. (N-E) = 1038.64
- (37) EX. SANITARY MANHOLE
EX. TOP = 1047.77
EX. 15" INV. (E) = 1033.07
EX. 15" INV. (N) = 1033.12
EX. 8" INV. (S) = 1043.92
EX. 4" INV. (NE) = 1043.67
- (38) EX. STORM MANHOLE
EX. TOP = 1046.36
EX. 12" INV. (NE) = 1041.36
EX. 12" INV. (SW) = 1041.39
EX. 4" INV. (SE) = 1043.51
- (39) EX. SANITARY MANHOLE
EX. TOP = 1045.99
EX. 8" INV. (W) = 1039.96
- (40) EX. SANITARY MANHOLE
EX. TOP = 1044.97
EX. 15" INV. (NE) = 1033.01
EX. 15" INV. (W) = 1033.01
- (41) EX. STORM MANHOLE
EX. TOP = 1045.33
EX. 12" INV. (N) = 1039.68
EX. 12" INV. (S) = 1039.72
- (42) EX. YARD DRAIN
EX. GRATE = 1045.72
INV. (E-W) = 1043.95
- (43) EX. SANITARY MANHOLE
EX. TOP = 1047.15
EX. 8" INV. (E) = 1037.45
EX. 8" INV. (N) = 1037.49
EX. 8" INV. (W) = 1039.10
- (44) EX. MANHOLE
EX. TOP = 1046.69
- (45) EX. STORM MANHOLE
EX. TOP = 1049.99
EX. 12" INV. (NE) = 1043.09
EX. 12" INV. (SW) = 1043.12
EX. 6" INV. (S) = 1045.34

WATCH LINE - SEE SHEET SS1.1

BOARD OF EDUCATION ARCANUM
BUTLER SCHOOL DISTRICT
D.B. 183 PG. 81
16.741 ACRES

A hand-drawn diagram of a hedgehog with labels for its features. The hedgehog is drawn with a spiky, zig-zagging body. Labels include 'GOAL POST' pointing to the top spike, 'PLAY CLOCK' pointing to the right spike, and 'LANDSCAP' pointing to the bottom right spike. There is also a small circle with a plus sign inside the hedgehog's body.

1047 T.B.M.
IRON PIN SET
ELEV. = 1047.92
○
GRASS
1048 EX. ASP

R/W EX. OIL SANITARY SEWER

WEST NORTH STREET

The logo for Mote & Associates consists of a stylized monogram 'MA' in a blue serif font, followed by the company name 'Mote & Associates' in a large, bold, blue serif font. Below the name is the text 'Engineering, Land Surveying' in a smaller, blue serif font. The entire logo is set against a white background with a thin blue horizontal line above and below the text.

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	TJB	LJB

SHEET TITLE: _____

SHEET NUMBER:

SS1.2

GENERAL STRUCTURAL NOTES
GENERAL
1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL SHEETING, TEMPORARY BRACING, GUY'S, TENDONS WHICH MIGHT BE NECESSARY. SUCH MATERIAL IS TO REMAIN ON THE CONSTRUCTION SITE UNTIL THE COMPLETION OF THE PROJECT.

2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

3. MECHANICAL EQUIPMENT LOAD, OPENINGS AND STRUCTURE IN ALL WAYS RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL MECHANICAL AND OTHER REQUIREMENTS NOT SHOWN BY THE CONTRACTOR.

4. DESIGN DRAWINGS SHOWING WHERE DIMENSIONS ARE NOT SPECIFIED, ARE TO BE DETERMINED TO AUGMENT, NOT SUPERSEDE THESE DRAWINGS. DESIGN DRAWINGS SHOWING THE STRUCTURAL DRAWINGS ARE NOT TO BE DETERMINED TO AUGMENT, NOT SUPERSEDE THESE DRAWINGS. DESIGN DRAWINGS SHOWING THE STRUCTURAL DRAWINGS ARE NOT TO BE DETERMINED TO AUGMENT, NOT SUPERSEDE THESE DRAWINGS.

5. IF EVERYTHING IS NOT SHOWN IN THE DRAWINGS OR BETWEEN THE DRAWINGS AND THE CONTRACTOR'S NOTES, THE CONTRACTOR IS TO DETERMINE THE DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY WHERE THERE IS A CONFLICT.

6. THROUGHOUT THESE PLANS THE TERM "PROVIDE" IS DEFINED AS "SUPPLY AND INSTALL".

7. DRAWINGS ARE TO BE SUBMITTED BY THE APPROVED DIRECTION PLAN OR SEQUENCE. LISTS OF EACH INDIVIDUAL EDITION DRAWINGS ARE TO BE SUBMITTED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL DRAWINGS RETURNED PRIOR TO REVIEW. REVISIONS ARE TO BE MADE CLEARLY AND IDENTIFIED. THE CONTRACTOR SHALL RETURN DRAWINGS PRIOR TO REVIEW BY THE ARCHITECT OR DESIGNER. ALL SHOP DRAWINGS MUST BEAR THE APPROVAL STAMP OF THE CONTRACTOR PRIOR TO BE REVIEWED BY THE ARCHITECT OR DESIGNER.

8. SHOWN OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS OR WITH EACH OTHER, THE STRICTEST PROVISION WILL GOVERN.

CODE ORGANIZATION

- COPING CODE

- BUILDING RISK CATEGORY

- 2020 UBC BUILDING CODE

CATEGORY II

LOADING TYPE

- FLOOR LOADS (TOTAL ALLOWABLE REDUCTIONS WHERE APPLICABLE)

100 PSF

1,000 LBS

ROOF LOADS

- ORDINARY ROOF

20 PSF

-

ROOF SNOW LOADS

PRIMARY

SECONDARY

2.8 INHR

1.5 INHR

ROOF INTEGRITY (I)

1.0

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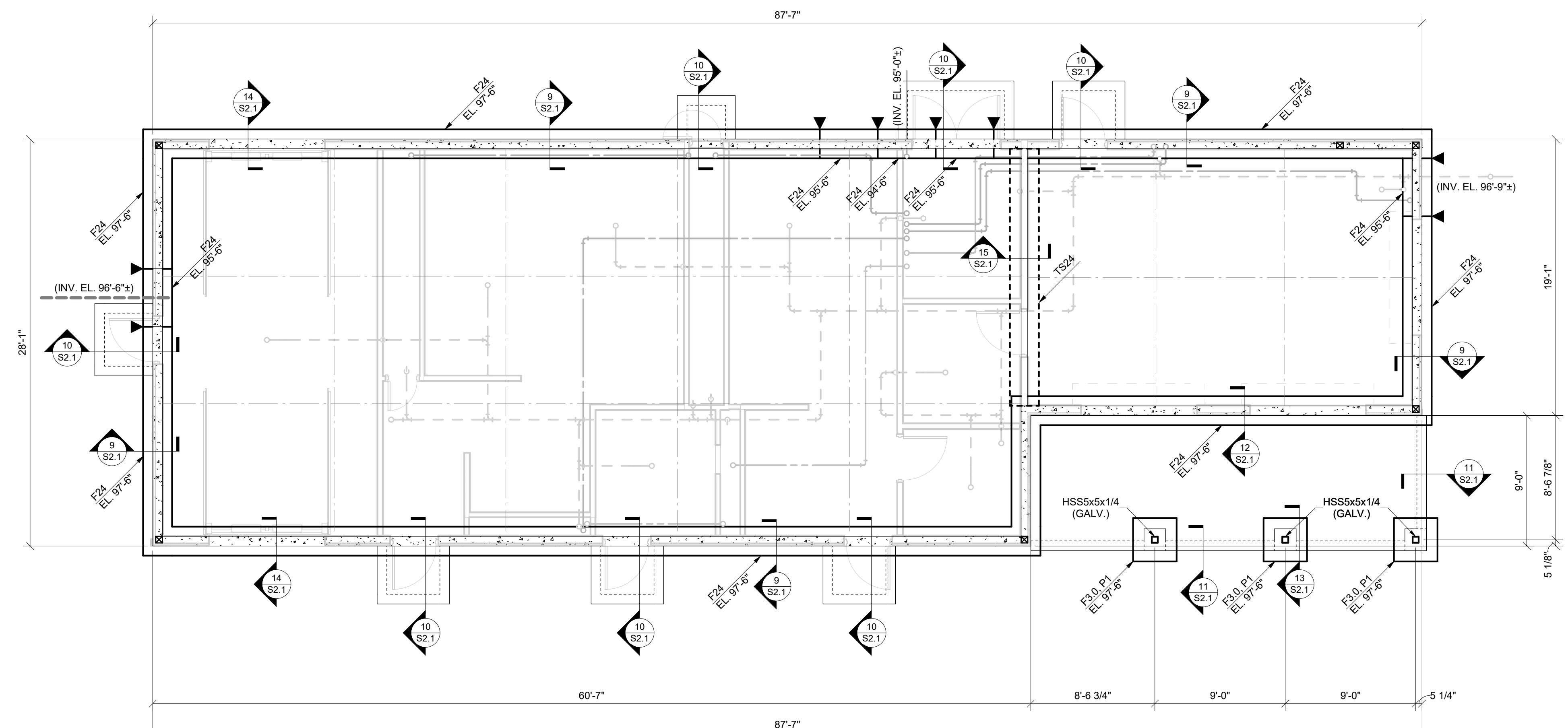


**GARMANN
MILLER**

MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA
creativgmi.com

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

310 NORTHMARSH STREET, ARCANUM, OHIO 45304



FOUNDATION NOTES

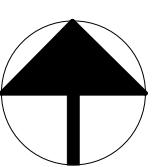
- INDICATES FOOTING STEP PER SECTION 1/S2.1. STEP AT A RATIO NOT TO EXCEED ONE VERTICAL TO TWO HORIZONTAL.
- INDICATES APPROXIMATE LOCATION AND INVERT ELEVATION OF UNDERGROUND UTILITIES. APPROXIMATE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR CIVIL WORK WHICH APPROPRIATE TIME AND LOCATION IS UNKNOWN. APPROXIMATE LOCATION AND DEPTH OF UNDERGROUND UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. FOUNDATIONS BUILT PRIOR TO THE CONSTRUCTION OF THE STADIUM ARE TO BE DUG OUT AND DROPPED COMPLETELY BELOW THE UTILITY DEPTH FOR SECTION 1/S2.1 AND DUG OUT AND DROPPED COMPLETELY BELOW THE UTILITY DEPTH FOR SECTION 1/S2.1 PRIOR TO FOUNDATION CONSTRUCTION. THEY ARE TO BE ENCASED PER SECTION 1/S2.1 AND DUG OUT AND DROPPED COMPLETELY BELOW THE UTILITY DEPTH FOR SECTION 1/S2.1 PRIOR TO FOUNDATION CONSTRUCTION. SEE SHEET 10 FOR UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
- INDICATES CONCRETE PIER TYPE PER DETAILS ON THIS SHEET.
- DESIGN SOIL BEARING PRESSURE = 2,000 PSF BASED ON GEOTECHNICAL EXPLORATION REPORT BY CEDAR CREEK GEOTECHNICAL. SOIL BEARING PRESSURE IS TO BE DETERMINED BY REQUIRED SOIL REMEDIATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. FOOTING ELEVATIONS MAY BE REQUIRED TO EXTEND THREE FEET BELOW THE BOTTOM OF CONCRETE SLAB. SEE SHEET 10 FOR SOIL TESTS AND SOIL REMEDIATION REQUIREMENTS.
- THE BEARING CAPTURE AREA IS TO BE DUG OUT AND DROPPED COMPLETELY BELOW THE UTILITY DEPTH FOR SECTION 1/S2.1 AND DUG OUT AND DROPPED COMPLETELY BELOW THE UTILITY DEPTH FOR SECTION 1/S2.1 PRIOR TO FOUNDATION CONSTRUCTION. SEE SHEET 10 FOR UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
- BOTTOM OF FOOTINGS ARE TO BE AT LEAST 30-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
- KEEP FOUNDATION FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
- ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS.
- PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 5/2.1.
- SEE FRAMING PLANS FOR LOCATIONS OF WOOD NAIL AND GYPSUM SHEATHED SHEARWALLS. SEE SHEARWALL SCHEDULE FOR END ANCHORAGE REQUIREMENTS AND SECTION 6/5.1 FOR ANCHOR BOLTS AND ADDITIONAL REINFORCING TO BE PLACED DURING FOUNDATION CONSTRUCTION.
- SEE SECTION 7/5.1 FOR TYPICAL OUTDOOR MECHANICAL EQUIPMENT PADS.
- SEE SHEET 50.1 FOR GENERAL STRUCTURAL INFORMATION.

SLAB NOTES

- SLAB CONSTRUCTION:
CONCRETE SLAB ON GRADE W/1/8" W. 3/8" W. 2.8" WWF. OVER 15-MIL VAPOR BARRIER. OVER 4" COMPACTED STONE SUBGRADE.
- INDICATES SLAB CONTROL CONSTRUCTION JOINT PER SECTION 1/S2.1. CONTROL JOINTS ARE TO BE PLACED AS SHOWN AT A SPACING NOT EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE.
- REFER TO DIVISION 31 SPECIFICATIONS FOR DEPTH AND PLACEMENT OF DRAINAGE FILL DIVISION 3 FOR VAPOR BARRIER OR RETARDER BELOW SLABS ON GRADE.
- WIRE REINFORCING AND STEEL BEAMINGS IS TO BE SUPPORTED DURING CONCRETE PLACEMENT TO AVOID DROPPING. THE SUPPORTING CONCRETE AND REINFORCING IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT.
- SEE ARCHITECTURAL, STRUCTURAL, AND/OR CIVIL PLANS FOR FINISHED FLOOR ELEVATIONS. SEE ARCHITECTURAL, STRUCTURAL, AND/OR CIVIL PLANS FOR THICKNESS OF ARCHITECTURAL FINISHED FLOOR PRODUCTS.
- SEE SHEET 50.1 FOR GENERAL STRUCTURAL INFORMATION.

FOUNDATION PLAN

3/16" = 1'-0"



MARK	SIZE	REINFORCING
F24	2'-0" x 1'-0" DP.	(2) #5 CONT. BOT. (2) #5 CONT. TOP.
TS24	2'-0" x 1'-0" DP.	(2) #5 CONT. BOT.

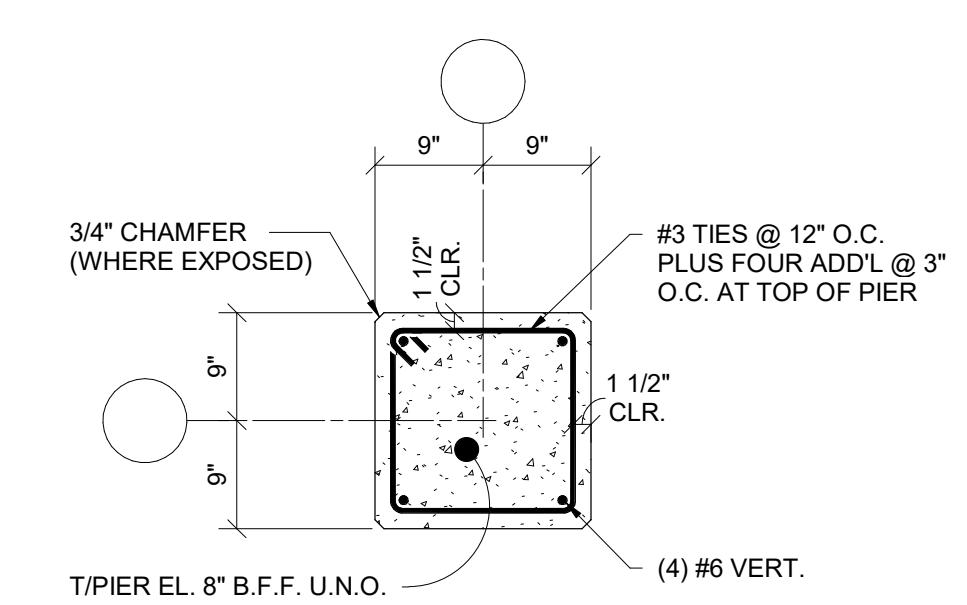
MARK	SIZE	REINFORCING
F3.0	3'-0" x 3'-0" x 1'-0" DP.	(3) #5 EA. WAY BOT.

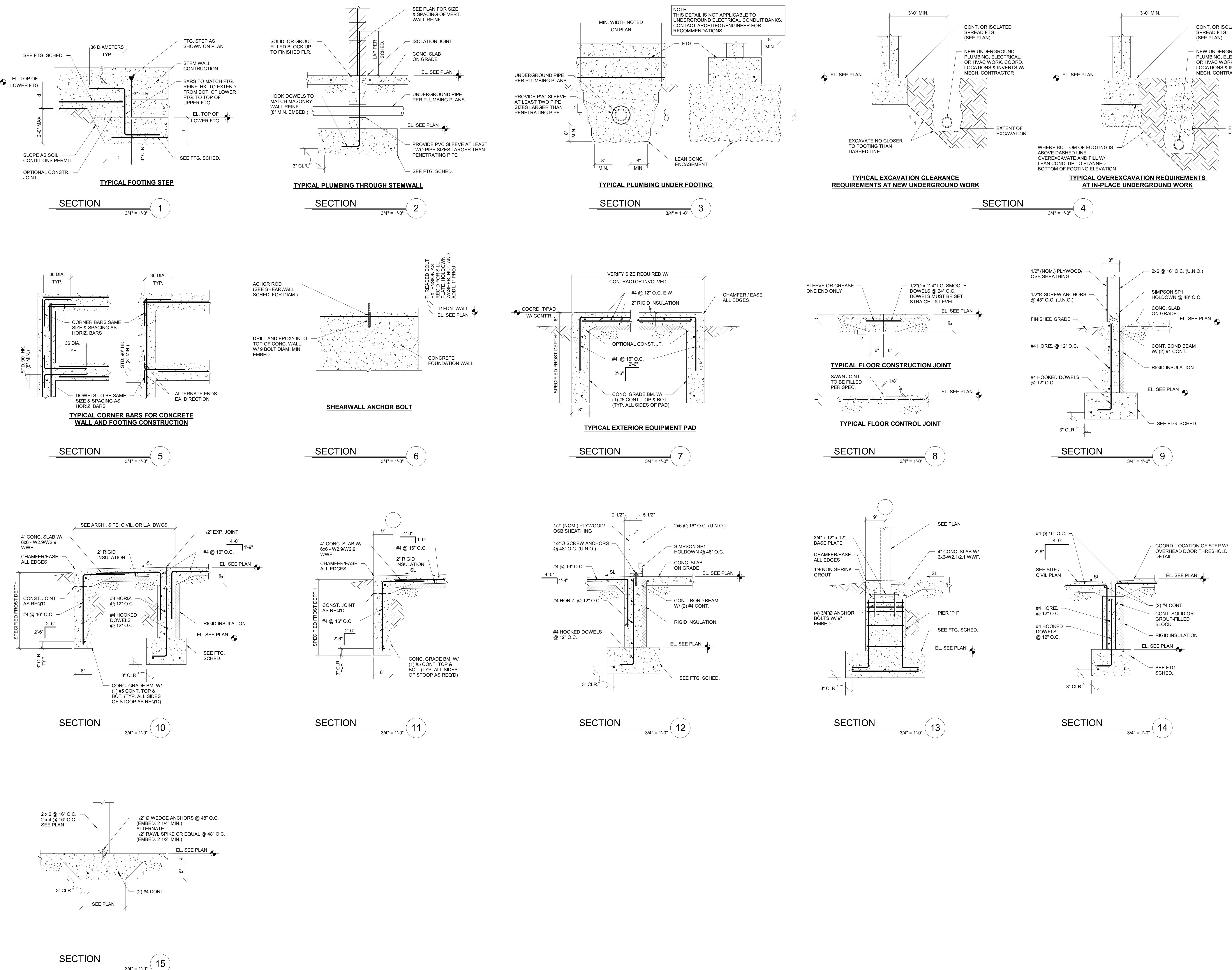
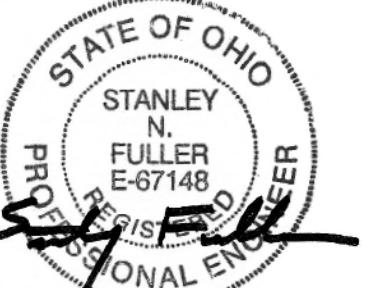
ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS | 01/06/2026

PROJECT NUMBER: 23047.03
DRAWN BY: JPK (R23)
CHECKED BY: SNF

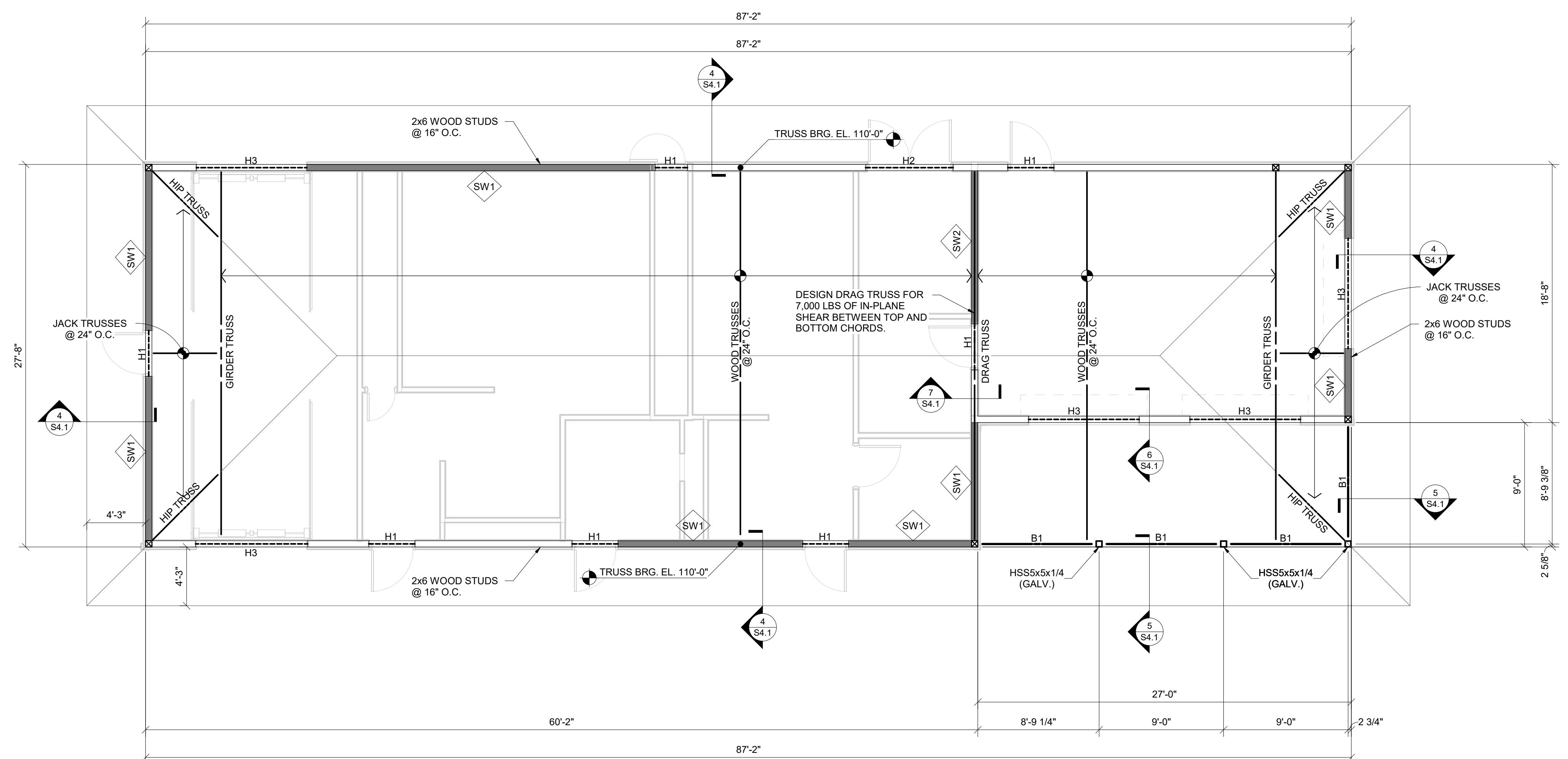
SHEET TITLE: FOUNDATION PLAN
SHEET NUMBER: S1.1

**PIER P1**





ROOF FRAMING PLAN



ROOF FRAMING NOTES

1. DESIGN LIVE/SNOW LOADS:

ROOF LIVE/SNOW 20 PSF
2. ROOF CONSTRUCTION:

5/8" NOMINAL APA RATED SHEATHING, EXPOSURE 1, WITH A 40/20 MINIMUM SPAN RATING. PROVIDE 10d COMMON NAILS AT 6" O.C. AT ALL PANEL EDGES AND AT 12" O.C. AT ALL INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE. PANEL EDGES NEED NOT BE BLOCKED UNLESS NOTED OR DETAILED OTHERWISE.
3.  INDICATES ROOF OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 3/S4.1 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. SIZE OF OPENING IS NOT TO EXCEED THE TYPICAL CLEAR DISTANCE BETWEEN FRAMING MEMBERS OR TRUSSES. NOTIFY THE ARCHITECT BEFORE PROCEEDING IF OPENINGS CANNOT BE FIT BETWEEN FRAMING MEMBERS.
4. B(x) INDICATES WOOD BEAM PER SCHEDULE. SEE BEAM SCHEDULE FOR SIZES, HOLDOWNS, AND APPLICATION NOTES. BEAMS MARKED AS "B(x)*" ARE TO BE FIRE RATED.
5. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
6. TRUSSES ARE TO BE DESIGNED FOR A 250 POUND CONCENTRATED LOAD SHOWN APPLIED ANYWHERE ALONG THE BOTTOM CHORD OF THE SPAN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO LIMIT THE TOTAL LOAD HANGING FROM THE TRUSS TO THIS AMOUNT.
7. COORDINATE THE LOCATION OF ALL TRUSSES WITH ARCHITECTURAL PARTITION WALLS BELOW. DO NOT INSTALL TRUSSES DIRECTLY OVER A PARALLEL WALL BELOW, UNLESS NOTED OTHERWISE.
8. WHERE NOTED, DESIGN TRUSSES FOR THE HORIZONTAL SHEAR TRANSFER SHOWN BETWEEN THE TOP AND BOTTOM CHORD. PROVIDE CLIPS AS REQUIRED TO TRANSFER FULL HORIZONTAL LOAD INTO THE STRUCTURE.
9. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

WOOD STUD WALL NOTES

1. TYPICAL EXTERIOR WALL SHEATHING:

1/2" NOMINAL APA RATED SHEATHING, EXPOSURE 1, WITH A WALL-24 MINIMUM SPAN RATING. PROVIDE 8d COMMON NAILS AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT ALL INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE. ALL PANEL EDGES ARE TO BE FULLY BLOCKED AND NAILED AT SHEAR WALL LOCATIONS UNLESS NOTED OTHERWISE.
2. TYPICAL INTERIOR WALL SHEATHING:

5/8" GYPSUM WALLBOARD. PROVIDE 6d COOLER NAILS AT 7" O.C. AROUND ALL PANEL EDGES AND AT 7" O.C. FOR ALL INTERMEDIATE SUPPORTS OR PROVIDE No. 6 x 1-1/4" TYPE S OR W SCREWS AT 8" O.C. AROUND ALL PANEL EDGES AND AT 12" O.C. FOR ALL INTERMEDIATE SUPPORTS UNLESS NOTED OR SCHEDULED OTHERWISE. ALL PANEL EDGES ARE TO BE FULLY BLOCKED AT SHEAR WALL LOCATIONS UNLESS NOTED OTHERWISE.
3. H(x) INDICATES OPENING HEADER PER SECTION 1/S4.1. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, EXTENT, AND ELEVATION OF ALL OPENINGS. SEE HEADER SCHEDULE FOR SIZES AND SUPPORT REQUIREMENTS.
4.  INDICATES WOOD COLUMN. PROVIDE A MINIMUM OF THREE FULL-HEIGHT STUDS AT ALL BEAMS, HEADERS, AND GIRDER TRUSSES UNLESS NOTED OR SCHEDULED OTHERWISE.
5.  INDICATES WOOD PANEL OR GYPSUM BOARD SHEARWALL. SEE SHEARWALL SCHEDULE FOR SHEAR PANEL TYPE, FASTENING, BLOCKING, AND ANCHORAGE REQUIREMENTS.
6. WALL STUDS ARE TO EXTEND CONTINUOUS FOR FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE. WHERE STUDS ARE INTERRUPTED BY OPENING IN WALL (WIDOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT KING STUD AT EACH JAMB FOR EACH 2'-0" OF OPENING WIDTH.
7. PROVIDE STUD BLOCKING AT 8'-0" O.C. FOR ALL EXTERIOR WALLS, INTERIOR BEARING WALLS, AND ALL WALL FRAMING WHICH IS NOT SHEATHED ON EACH SIDE OF THE WALL.
8. LAP STUD WALL TOP PLATE PER SECTION 2/S4.1.
9. ALL WALL DIMENSIONS SHOWN ARE TO FACE OF STUD.
10. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

WOOD BEAM SCHEDULE

WOOD BEAM SCHEDULE			
MARK	SIZE	HOLDDOWNS (LOCATE EA. END)	ADDITIONAL REQUIREMENTS
1	(5) 2x12	(5) 1x3	

B1	(3) 2x12	(2) H2.5A	-
<u>OD BEAM SCHEDULE NOTES:</u>			
SEE PLAN FOR COLUMN/SUPPORT POST SIZE.			
BEAMS SHALL BEAR FULLY ON SUPPORT POSTS WITH POST CAP OR BLOCK ENDS TO RESTRAIN BEAM FROM ROTATION.			
SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR BEAM FRAMING, U.N.O.			
SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.			

WOOD HEADER SCHEDULE

WOOD HEADER SCHEDULE					
K	SIZE	HOLDOWNS (LOCATE EA. END)	JACK STUDS	KING STUDS	ADDITIONAL REQUIREMENT
	(3) 2x6	(2) H2.5A	(1) 2x6	(2) 2x6	-
	(3) 2x8	(2) H2.5A	(1) 2x6	(3) 2x6	-

(3) 2x10	(2) H2.5A	(2) 2x6	(3) 2x6	-
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STRUCTURAL NOTES:

ALL KING AND KING STUDS SHALL MATCH WALL FRAMING SIZE AND SPECIES OF DESIGNATED STUD WALLS.

ALL STUDS ARE INTEGRAL WITH, U.N.O.

GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR HEADER FRAMING, U.N.O.

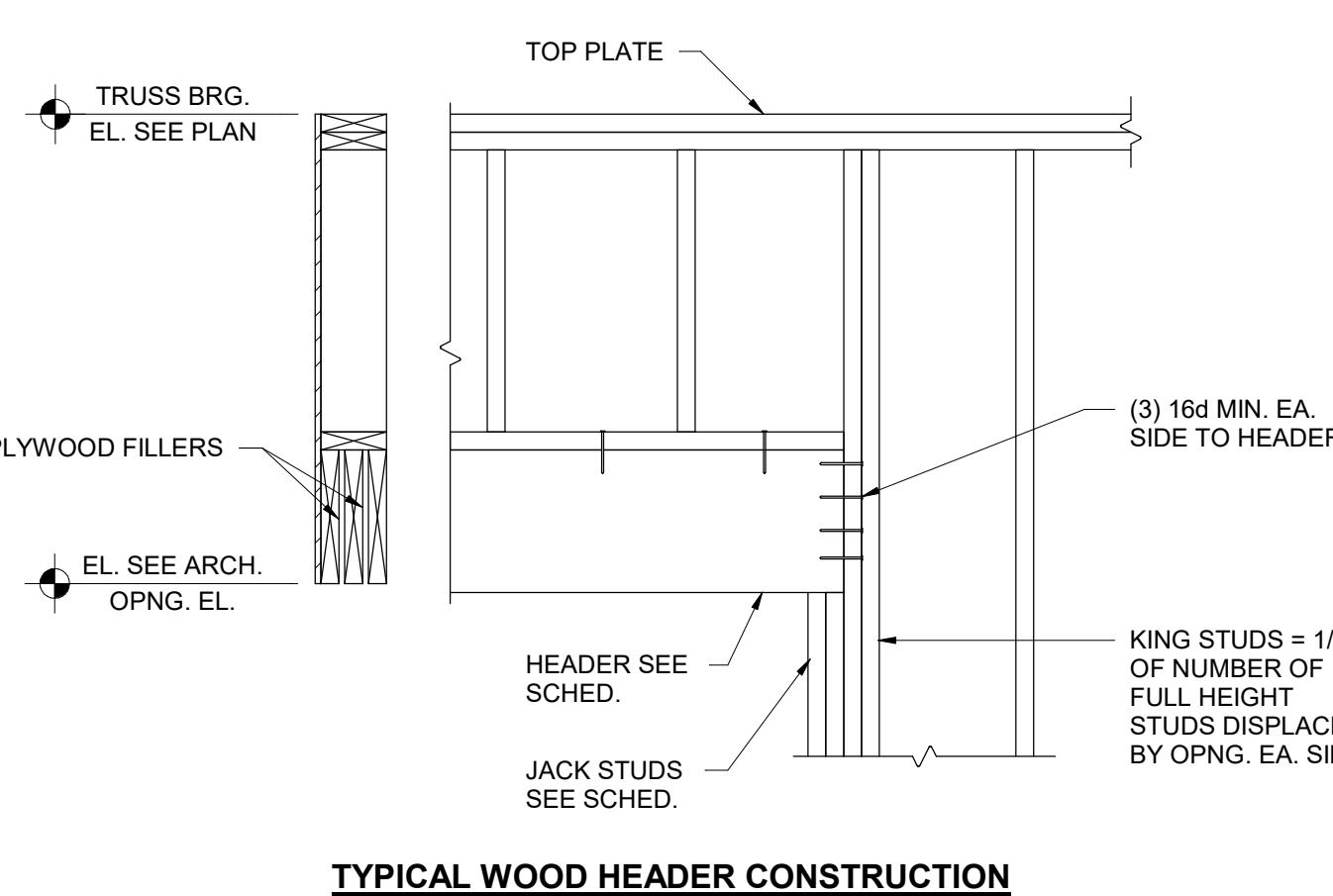
GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.

©HARVARD BUSINESS SCHOOL

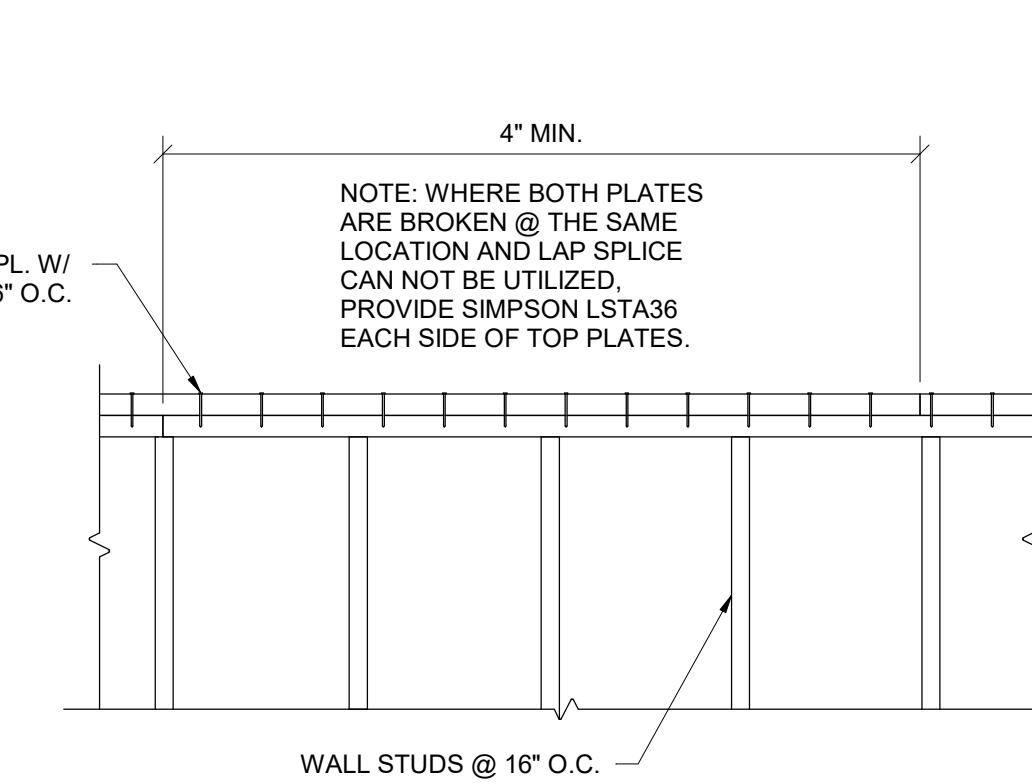
SHEARWALL SCHEDULE										
MARK	SHEATHING PANEL	PANEL APPLICATION	SHEATHING PANEL FASTENING			HORIZONTAL PANEL EDGE BLOCKING	SOLE PLATE ANCHORAGE	SHEARWALL BOUNDARY END STUDS/POSTS	HOLDOWNS (LOCATE EA. END)	ADDITIONAL REQUIREMENTS
			FASTENER	PANEL EDGES	PANEL FIELD					
SW1	7/16" APA RATED	ONE SIDE	8d COMMON	6"	12"	YES	1/2"ø ANCHOR BOLTS @ 16" O.C.	2	HDU2-SDS2.5 W/ 5/8"ø EPOXY ANCHOR	-
SW2	5/8" GYPSUM	BOTH SIDES	6d COOLER	4"	7"	YES	1/2"ø ANCHOR BOLTS @ 32" O.C.	2	HDU4-SDS2.5 W/ 5/8"ø EPOXY ANCHOR	-

SHEARWALL SCHEDULE NOTES:

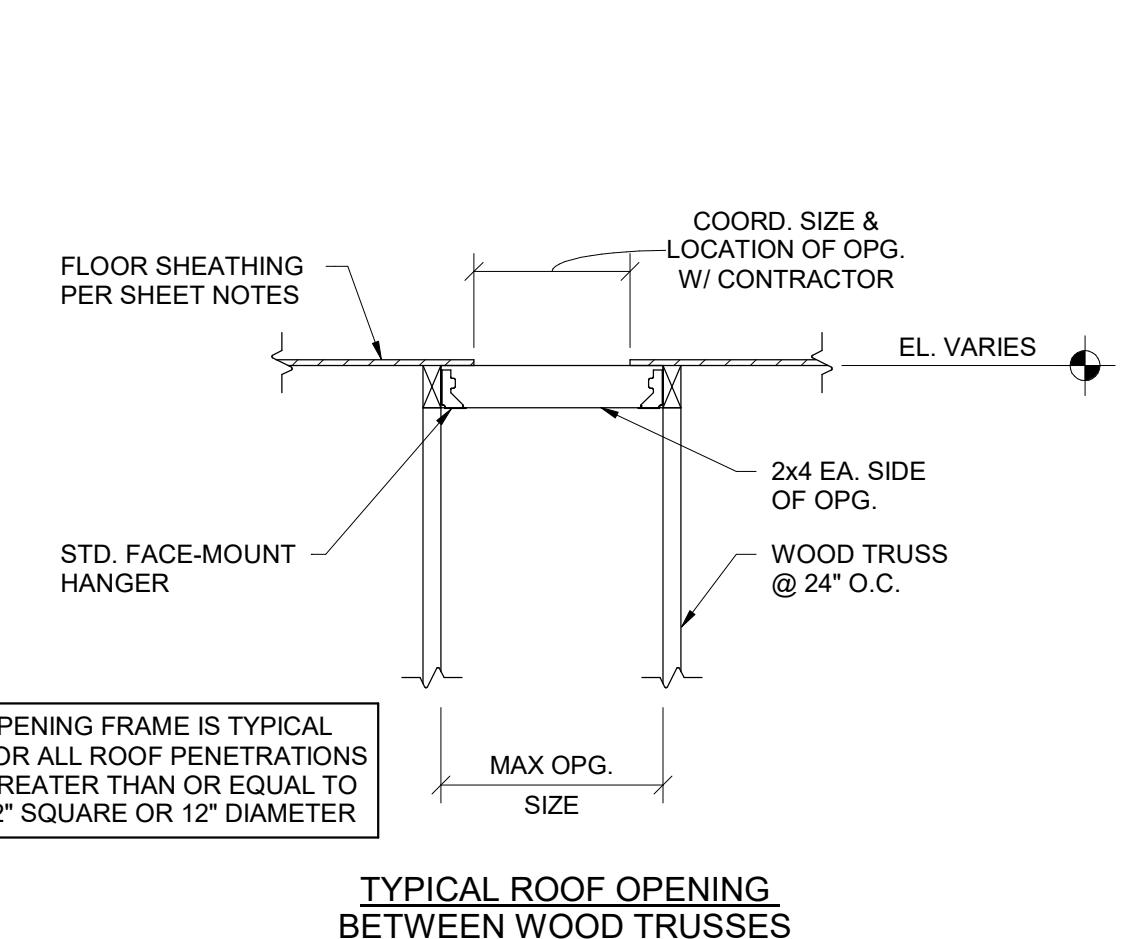
1. 'APA RATED' SHEATHING INCLUDES PLYWOOD OR ORIENTED STRAND BOARD (OSB) MATERIALS AS RATED BY THE AMERICAN PLYWOOD ASSOCIATION (APA).
2. ALL VERTICAL PANEL EDGES AND HORIZONTAL TOP AND BOTTOM EDGES SHALL BE LOCATED ON STUDS, PLATES, OR RIM BOARDS. INTERIOR HORIZONTAL PANEL EDGES NEED NOT BE BLOCKED UNLESS INDICATED.
3. FASTENER SUBSTITUTIONS ARE NOT PERMITTED, UNLESS APPROVED ENGINEER REVIEW IS COMPLETED AT CONTRACTOR'S EXPENSE.
4. PROVIDE SIMPSON BPS5/8-6 PLATE WASHERS AT ALL SILL PLATE ANCHORS ATTACHING BOTTOM OF SHEAR WALL TO FOUNDATION OR CONCRETE SLAB. NEAREST EDGE OF PLATE WASHERS SHALL BE LOCATED NO FARTHER THAN 1/2-INCH FROM INSIDE FACE OF SHEAR WALL SHEATHING.
5. COORDINATE SOLE PLATE ANCHORAGES WITH TYPICAL CONSTRUCTION DETAILS INDICATED THROUGHOUT STRUCTURAL DRAWINGS.
6. ALL SHEARWALL TOP PLATES MUST BE A MINIMUM OF TWO IN NUMBER, HAVE STAGGERED SPLICED LOCATIONS, AND OCCUR OVER STUD LOCATIONS.
7. ALL HOLDOWNS INDICATED ARE MANUFACTURED BY SIMPSON STRONG TIE®. FOLLOW ALL MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
8. 'BOUNDARY END STUDS' ARE STUD PACKS OR COLUMNS LOCATED AT THE EACH END OF SHEARWALLS. STUDS SHALL BE OF SAME SIZE AND MATERIAL WITH THE WALL THEY ARE INTEGRAL WITH. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM 'PSL' MATERIAL STANDARDS.
9. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL LENGTHS OF ALL WALLS INDICATED AS SHEARWALLS. LOCATE BOUNDARY END STUDS/POSTS AT THE END OF WALLS MARKED AS SHEAR WALLS. SEE DETAIL BLOW UPS OF WALL INTERSECTIONS AND LOCATION OF STUD/POSTS.



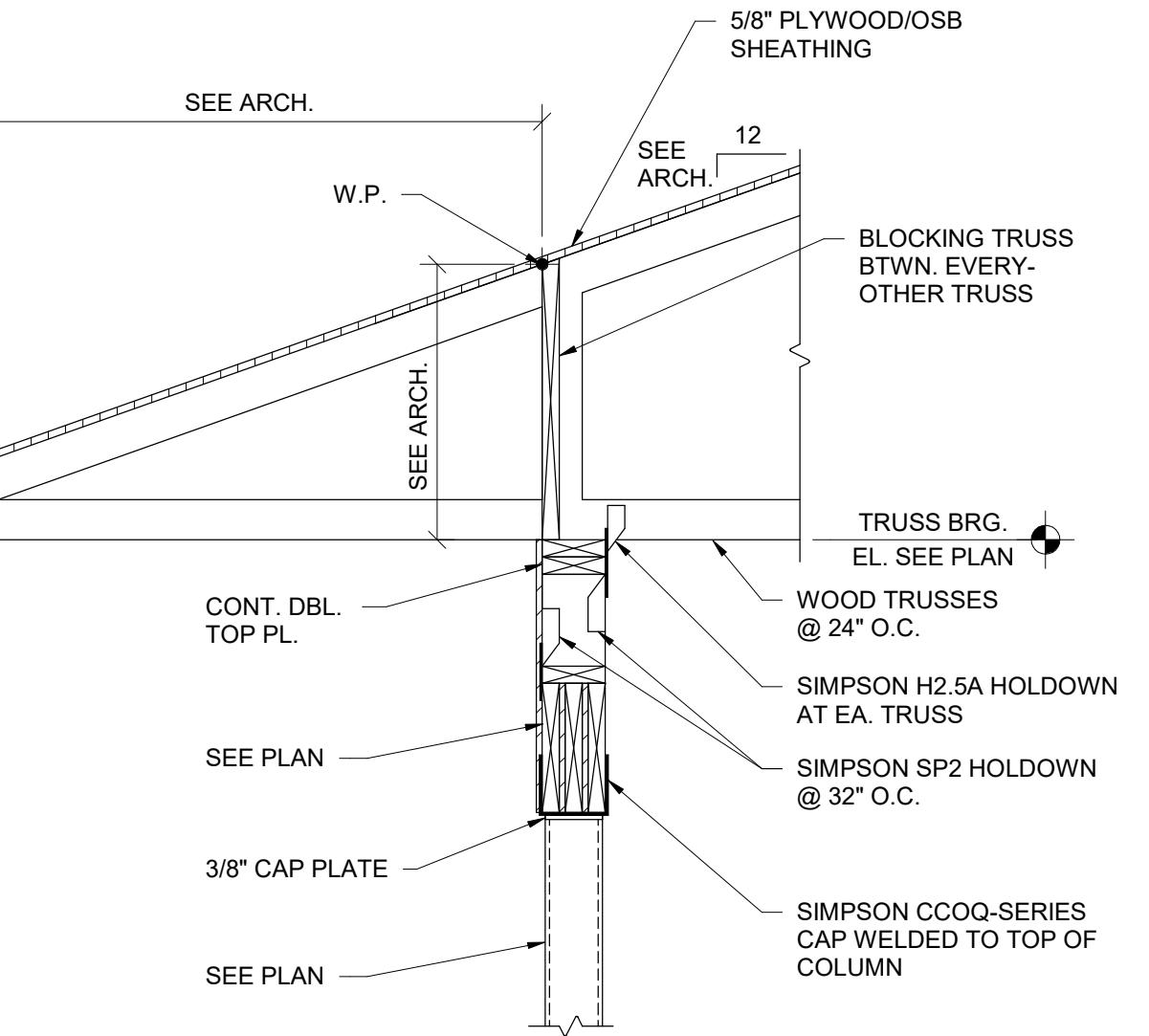
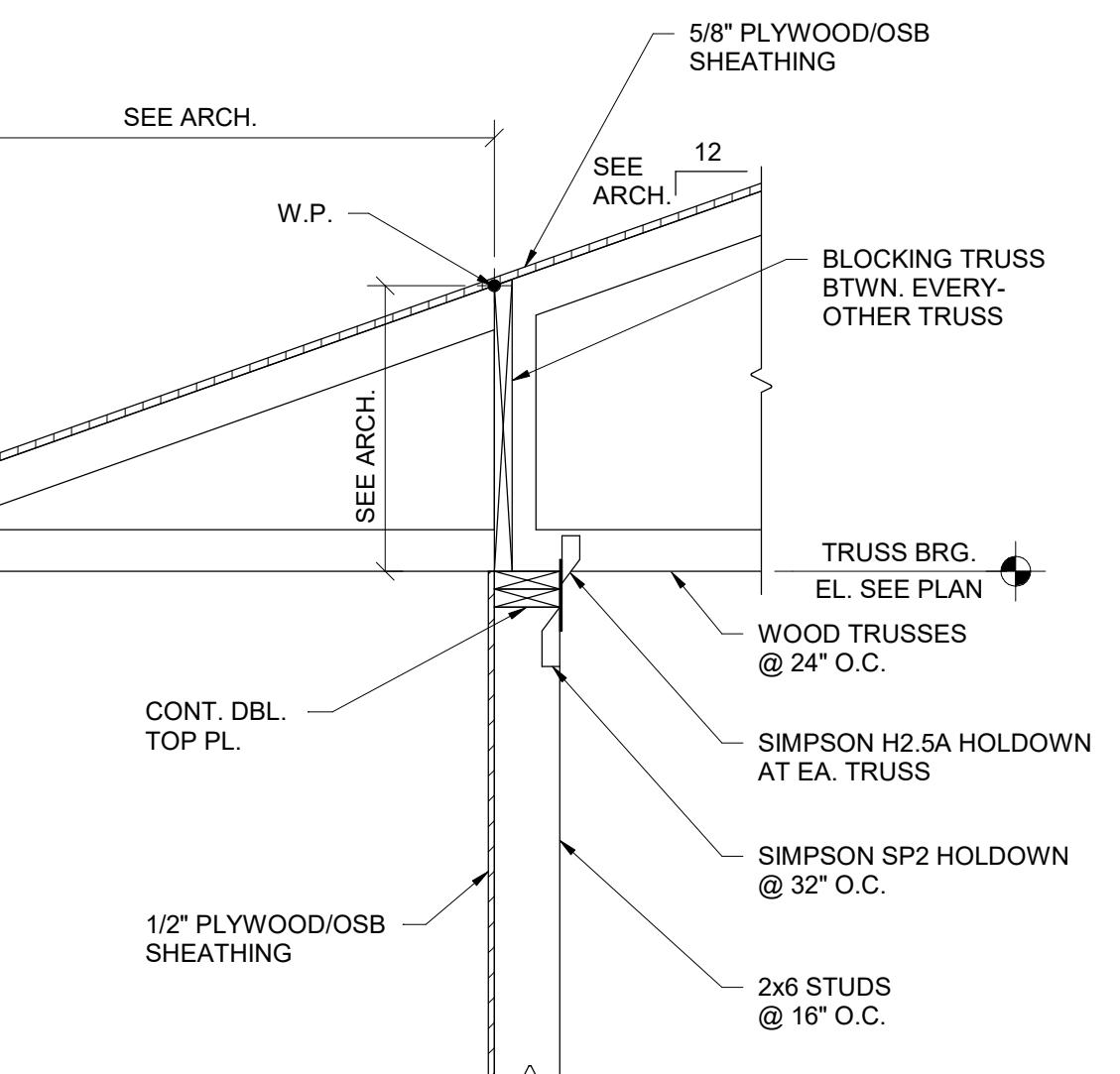
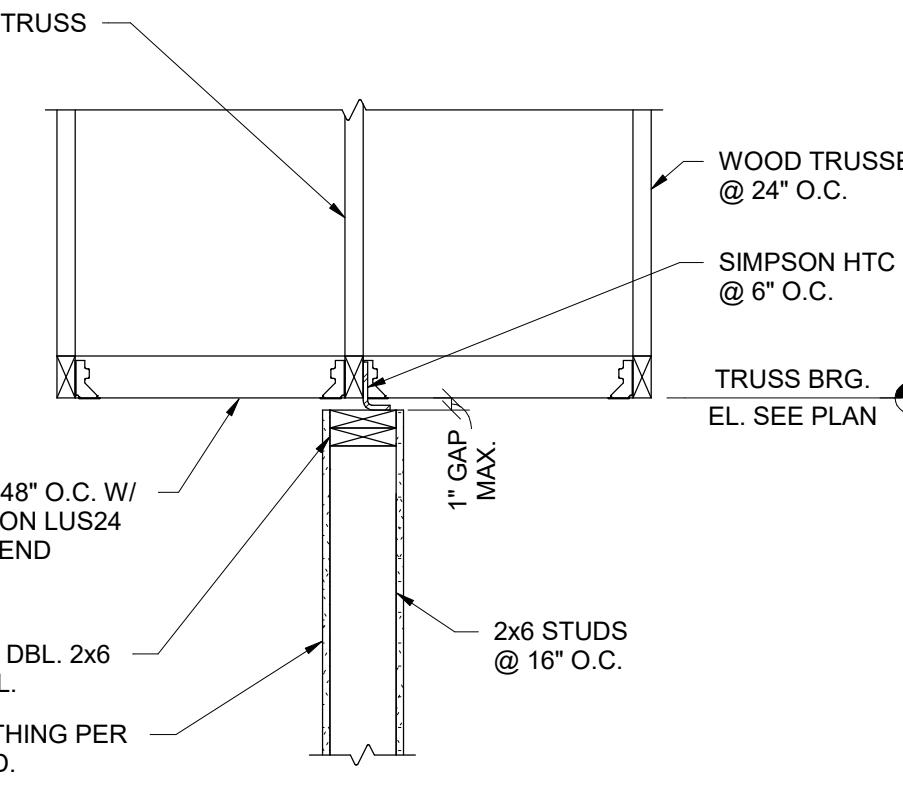
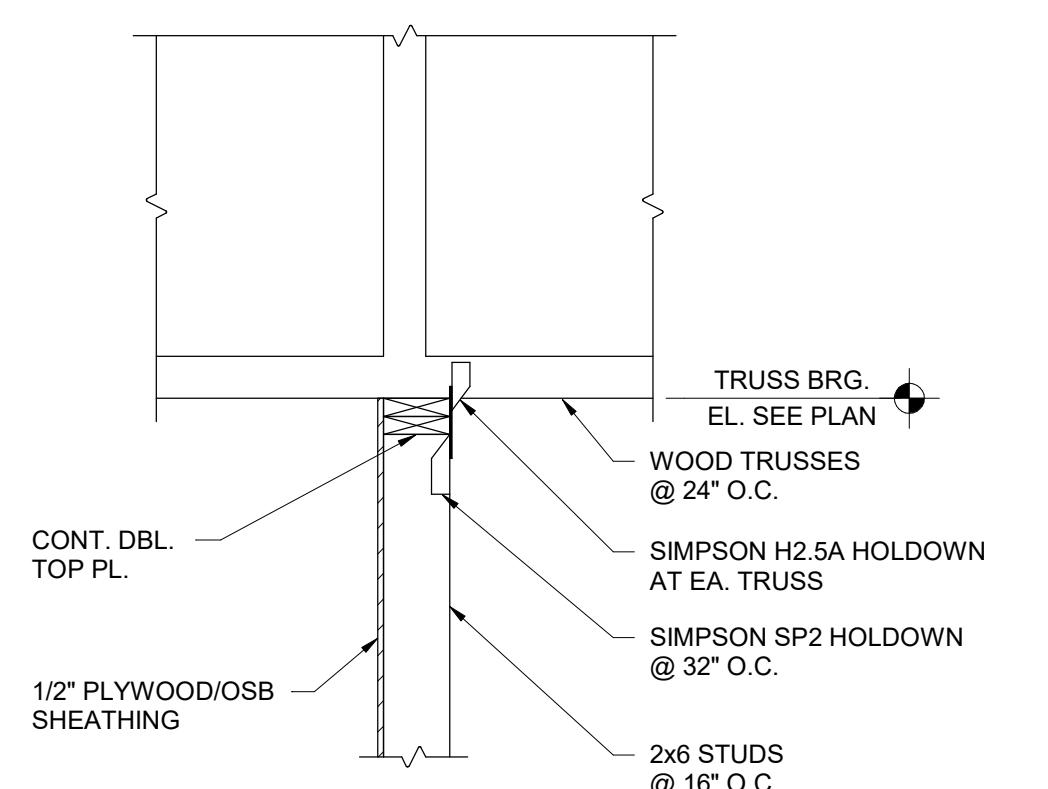
TYPICAL WOOD HEADER CONSTRUCTION



TYPICAL SHEARWALL-TOP PLATE SPLICE



TYPICAL ROOF OPENING BETWEEN WOOD TRUSSES

SECTION 1
3/4" = 1'-0"SECTION 2
3/4" = 1'-0"SECTION 3
3/4" = 1'-0"SECTION 4
3/4" = 1'-0"SECTION 5
3/4" = 1'-0"SECTION 6
3/4" = 1'-0"SECTION 7
3/4" = 1'-0"ARCANUM BOOSTER STADIUM PHASE III
IMPROVEMENTS

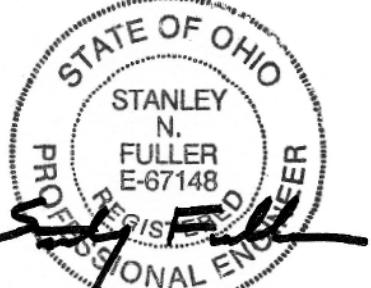
NEW BUILDINGS FOR

ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS | 01/06/2026

PROJECT NUMBER: 23047.03 DRAWN BY: JPK (R25) CHECKED BY: SNF

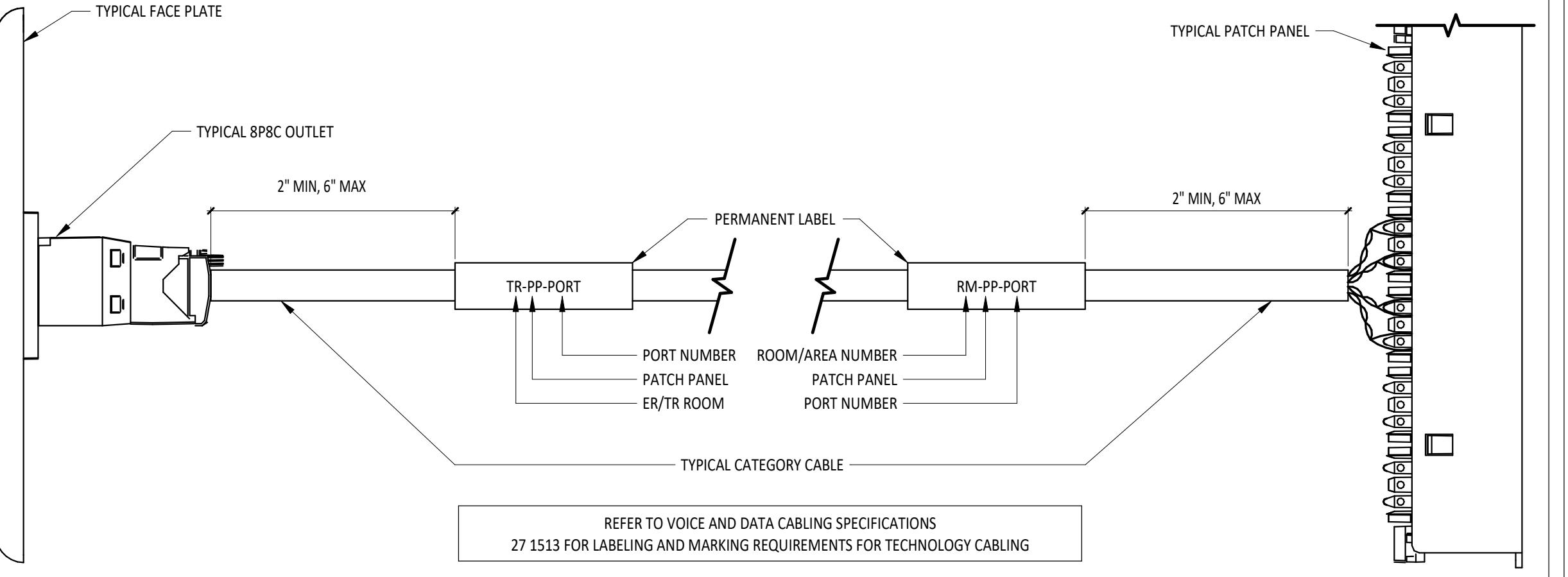
SHEET TITLE: FRAMING DETAILS

SHEET NUMBER: S4.1

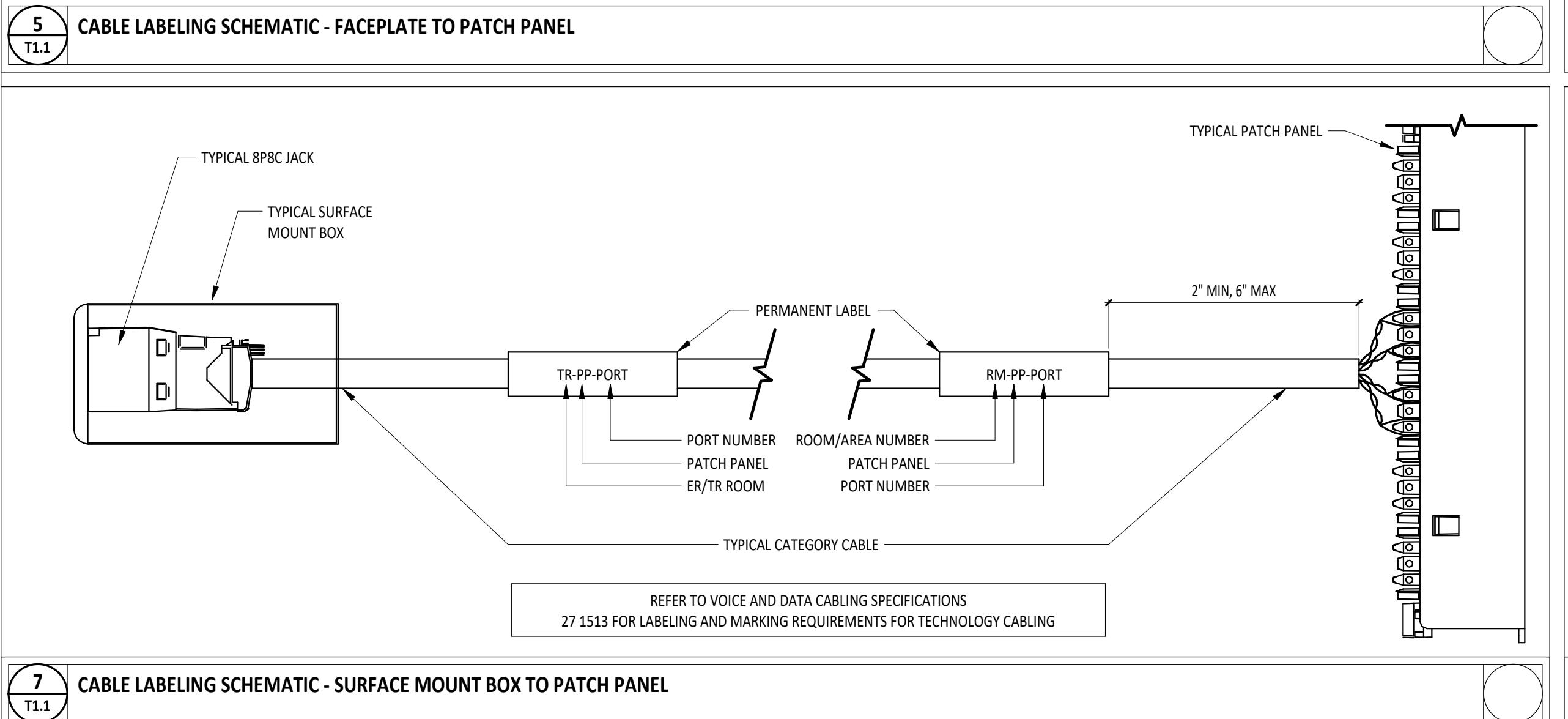


TECHNOLOGY CABLING SYMBOLS			
REFER TO FACEPLATE ELEVATIONS FOR MORE INFORMATION ON TECHNOLOGY OUTLETS.			
SYMBOL	DESCRIPTION	MOUNTING LOC.	HT.
DATA OUTLET		WALL	16", UNO
VOICE/DATA OUTLET		WALL	44"
VOICE OUTLET		WALL	44"
"W" INDICATES NUMBER OF VOICE AND / OR DATA CABLES TO BE PROVIDED AT EACH LOCATION			
LOCAL INPUT OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	16", UNO
INTERACTIVE FLAT PANEL OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	44"
LARGE VENUE PROJECTOR OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	AS NOTED
GYMNASIUM AUDIO SYSTEM OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	16"
STAGE PRESENTER OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	16"
TEACHER PERSONAL COMPUTER OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT	WALL	44"
SOUND REINFORCEMENT OUTLET	4-1/2", 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT. (DETAIL X ON SHEET EX3)	WALL	96", UNO
VIDEO MONITOR OUTLET	2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND ONE (1) 1-1/4" CONDUIT	WALL	96", UNO
CAMERA OUTLET	2-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING AND ONE (1) 1" CONDUIT	WALL	144", UNO
WIRELESS ACCESS POINT OUTLET	2-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING AND ONE (1) 1" CONDUIT	WALL	SEE PLANS
WIRELESS ACCESS POINT OUTLET	20 FT OF CAT 6 CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE CAMERA INSTALLATION BY 28 2300 CONTRACTOR	WALL	44"
WIRELESS ACCESS POINT OUTLET	20 FT OF CAT 6 CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE SECURITY SYSTEM INSTALLATION BY 28 1601 CONTRACTOR	WALL	SEE PLANS
WIRELESS ACCESS POINT OUTLET	20 FT OF CAT 6 CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE WIRELESS ACCESS POINT INSTALLATION BY 27 2300 CONTRACTOR	WALL	SEE PLANS
LADDER TYPE CABLE TRAY			
BASKET TYPE CABLE TRAY			
CONDUIT SLEEVE(S) FOR TECHNOLOGY CABLING PROVIDED BY DIVISION 26. DIVISION 26 TO PROVIDE FIRE STOPPING WHEN PENETRATING THROUGH FIRE WALLS AS REQUIRED BY CODE.			
"212" DENOTES HORIZONTALLY MOUNTED RACEWAY "W" DENOTES VERTICALLY MOUNTED RACEWAY			

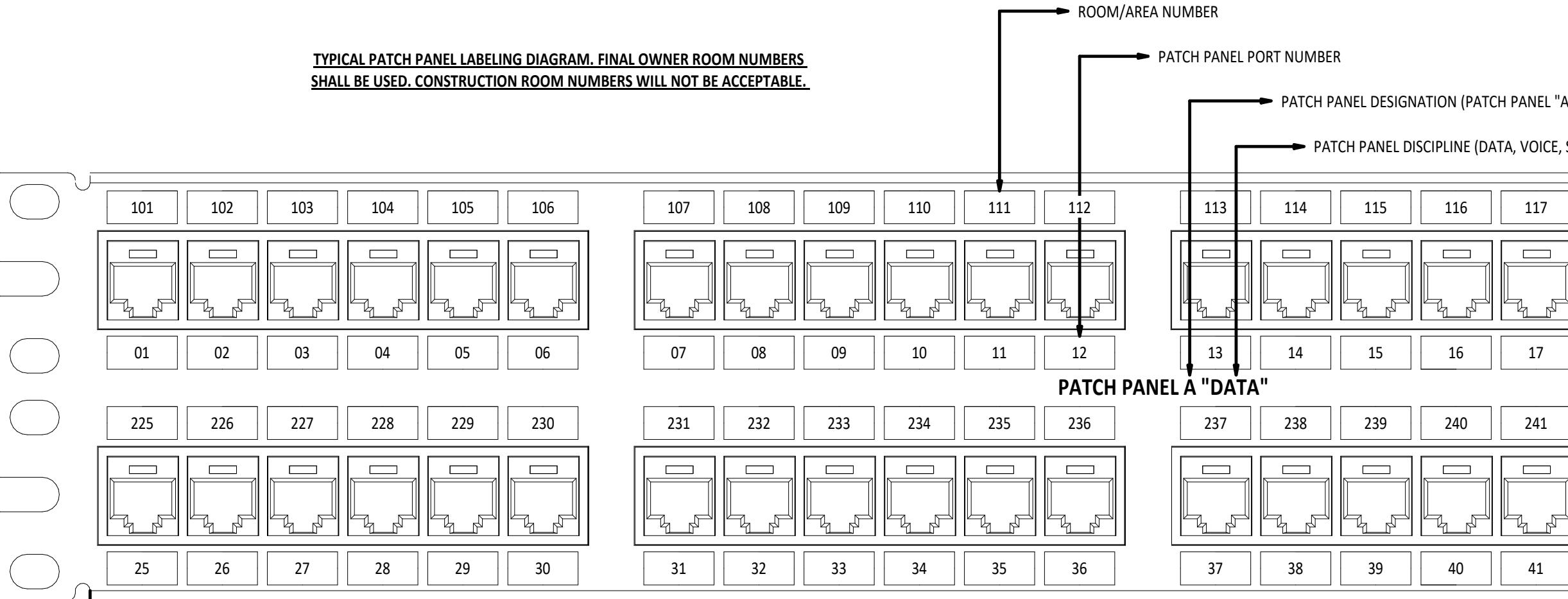
1 TECHNOLOGY CABLING SYMBOLS LEGEND

REFER TO VOICE AND DATA CABLING SPECIFICATIONS
27 1513 FOR LABELING AND MARKING REQUIREMENTS FOR TECHNOLOGY CABLING

2 AUDIO DEVICE SYMBOLS LEGEND

REFER TO VOICE AND DATA CABLING SPECIFICATIONS
27 1513 FOR LABELING AND MARKING REQUIREMENTS FOR TECHNOLOGY CABLING

5 CABLE LABELING SCHEMATIC - FACEPLATE TO PATCH PANEL



TYPICAL PATCH PANEL LABELING DIAGRAM. FINAL OWNER ROOM NUMBERS SHALL BE USED. CONSTRUCTION ROOM NUMBERS WILL NOT BE ACCEPTABLE.

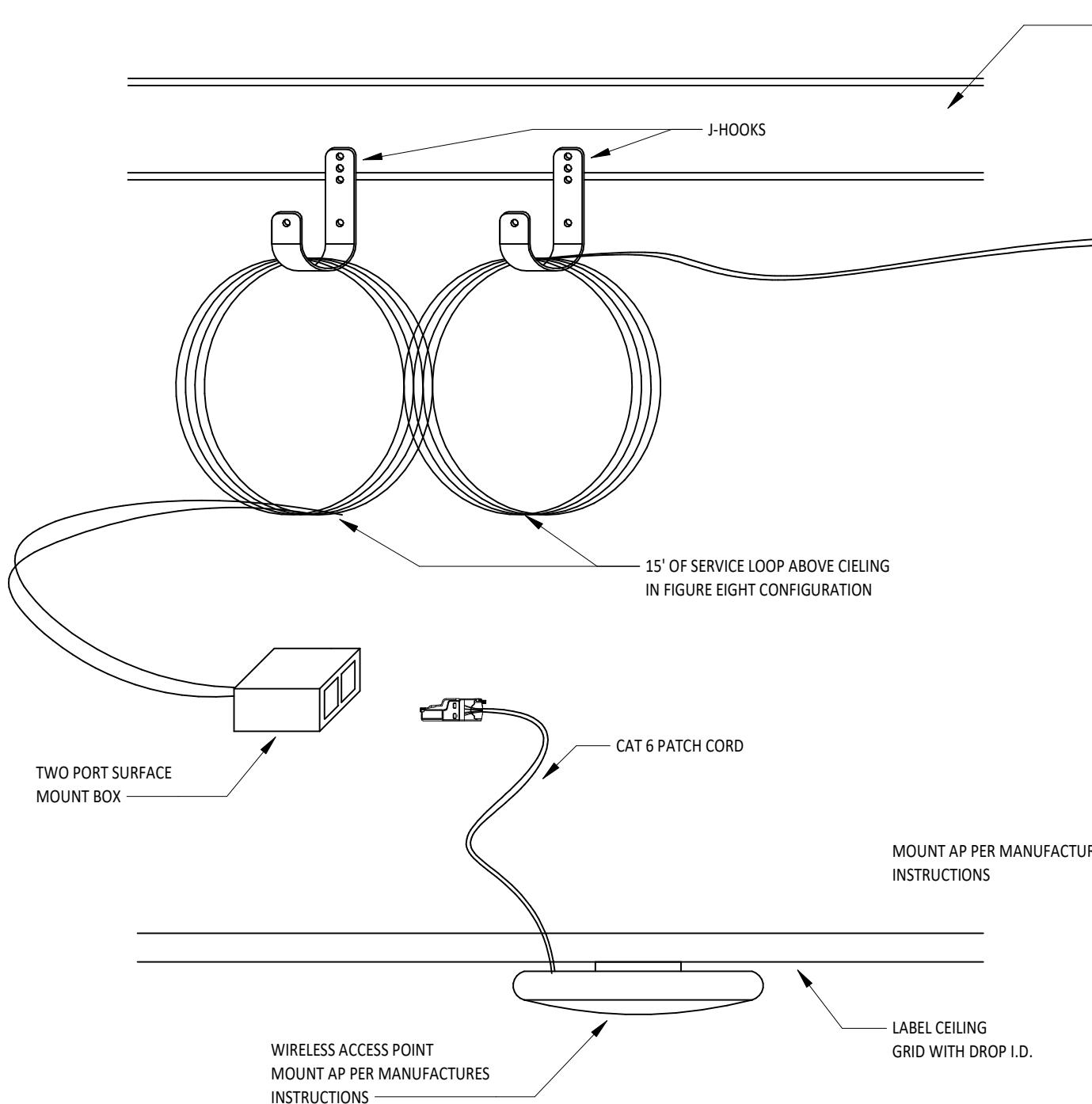
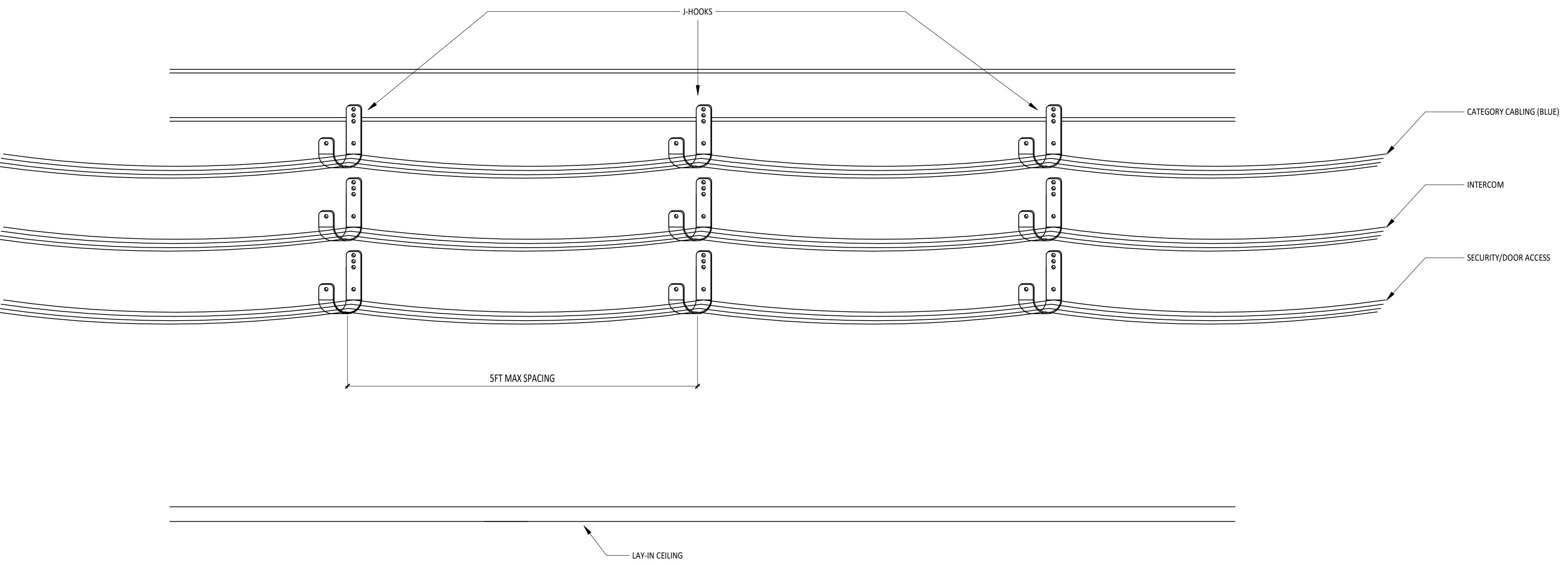
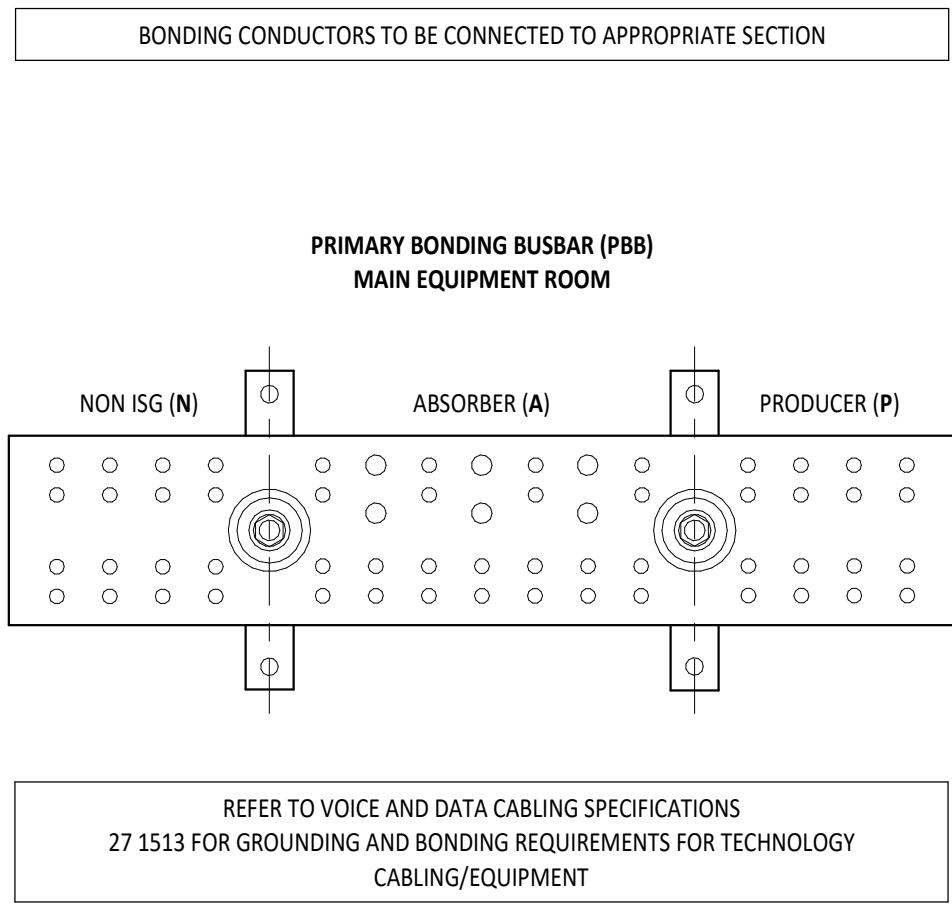
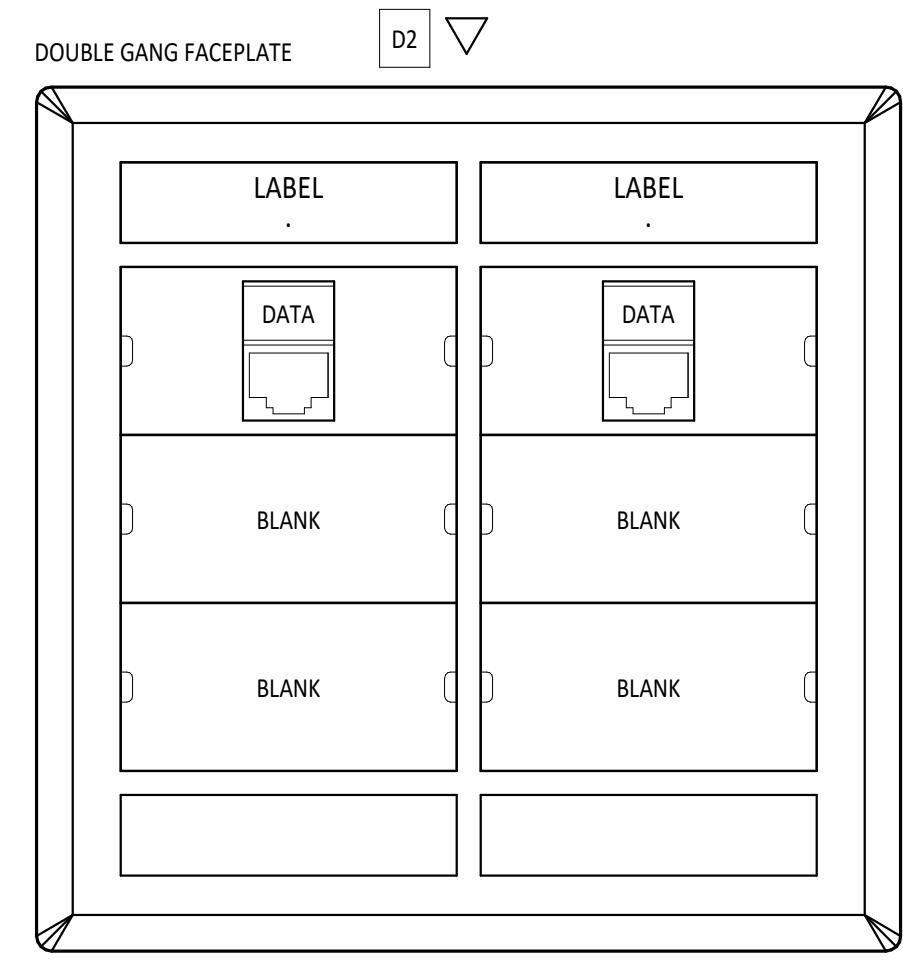
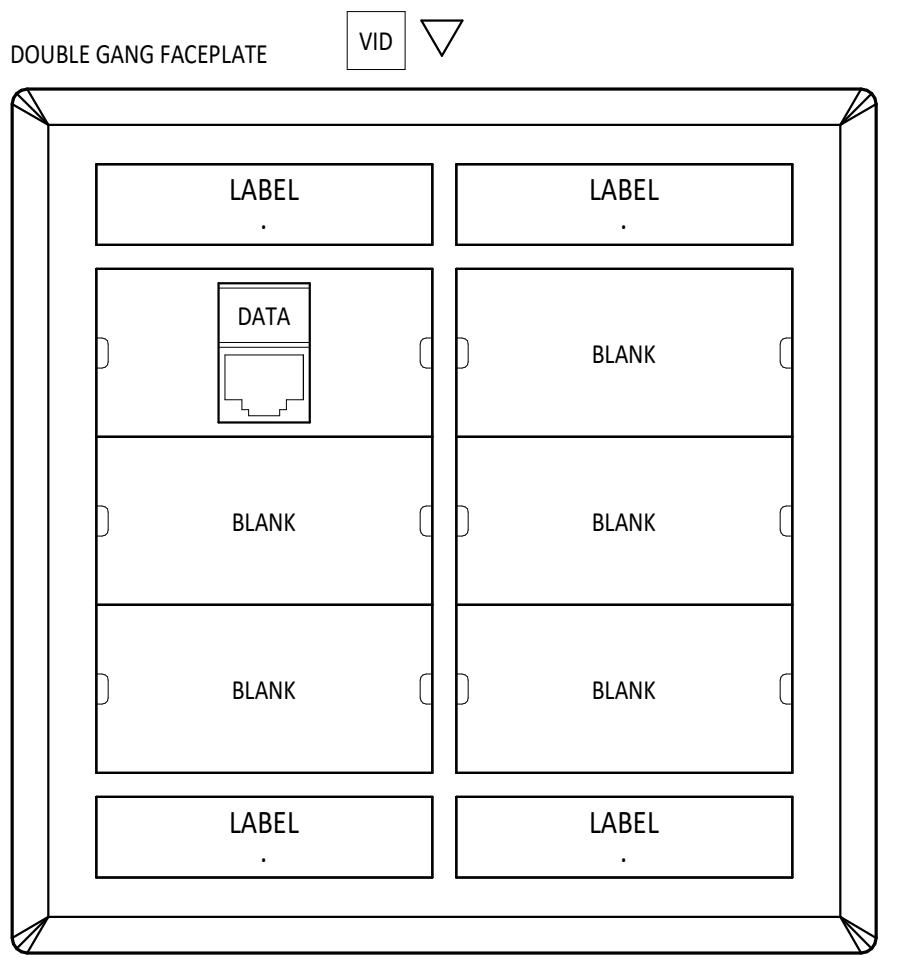
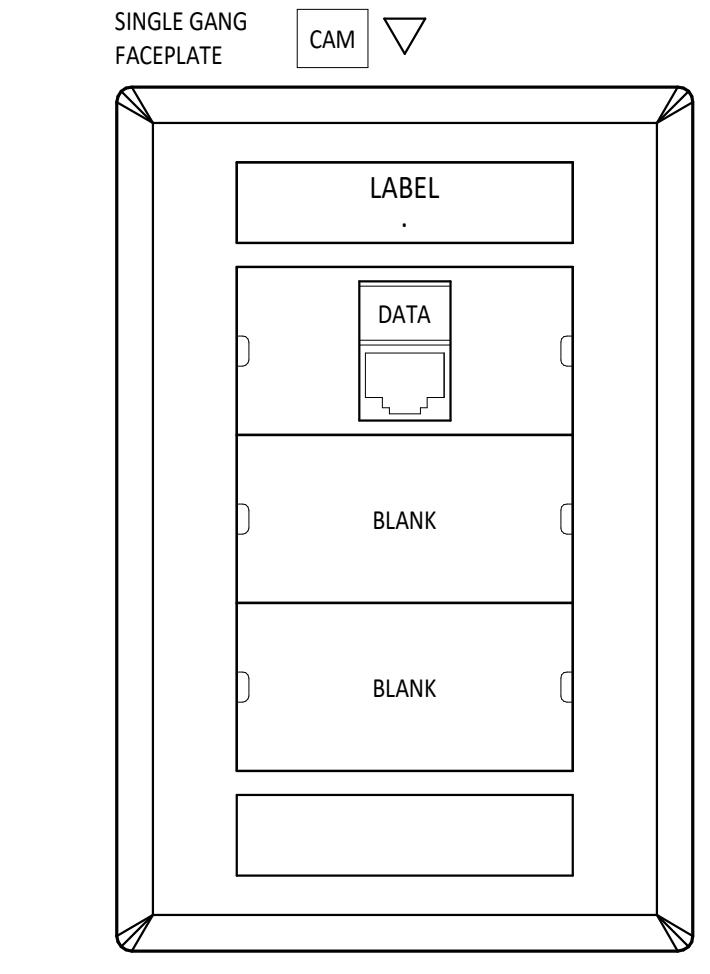
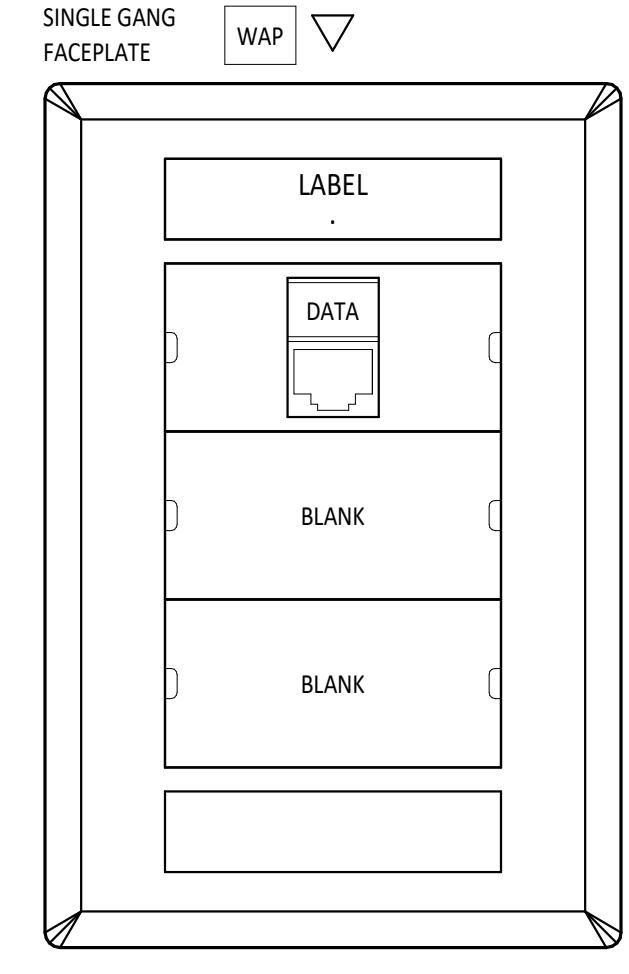
9 TYPICAL PATCH PANEL LABELING SCHEMATIC

AUDIO DEVICE SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING LOC.	HT.
PA	PUBLIC ADDRESS SOUND SYSTEM RACK.	FLOOR	N/A
SD	STUDENT DINING SOUND SYSTEM RACK.		
GS	GYMNASIUM SOUND SYSTEM RACK.		
PR	PORTABLE SOUND SYSTEM RACK.		
MS	MUSIC/VOCAL ROOM SOUND SYSTEM RACK.		
○	HANGING MICROPHONE PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE CEILING MOUNTED JUNCTION BOX AND PATHWAY AS REQUIRED. COORDINATE WITH DIVISION 26.	CEILING	N/A
○	MICROPHONE OUTLET PROVIDED BY DIVISION 27. DIVISION 28 TO PROVIDE SINGLE GANG BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	16", UNO
○	AUXILIARY MICROPHONE OUTLET DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAYS. COORDINATE WORK WITH DIVISION 26.	WALL	96", UNO
○	PUBLIC ADDRESS SYSTEM CEILING SPEAKER BY DIVISION 27.	CEILING	N/A
○	CLASSROOM SOUND REINFORCEMENT SYSTEM SPEAKER PROVIDED BY DIVISION 27.	WALL	96", UNO
○	PUBLIC ADDRESS SYSTEM FLUSH MOUNT WALL SPEAKER PROVIDED BY DIVISION 27.	WALL	96", UNO
○	PUBLIC ADDRESS HORN TYPE SPEAKER PROVIDED BY DIVISION 27.	CEILING	N/A
○	SOUND SYSTEM SPEAKER PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE ROUGH INS AS REQUIRED FOR INSTALLATION. COORDINATE WORK WITH DIVISION 26.	WALL	SEE PLANS
○	PUBLIC ADDRESS CALL-IN SWITCH PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING.	WALL	44"
○	PUBLIC ADDRESS SYSTEM VOLUME CONTROL PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	44"
○	ADMINISTRATIVE CONTROL CONSOLE FOR THE PUBLIC ADDRESS SYSTEM BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY AS REQUIRED FOR INSTALLATION. COORDINATE WORK WITH DIVISION 26.	WALL	SEE PLANS

TECHNOLOGY EQUIPMENT SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING LOC.	HT.
○	STUB ALL CONDUITS FOR TECHNOLOGY OUTLETS ABOVE ACCESSIBLE CEILING. UNO. PROVIDE FULL STRING AND PLASTIC BUSHING ON END OF EACH CONDUIT. PROVIDE COVERPLATE FOR UNUSED BOXES.		
○	MULTI-SENSOR CCTV CAMERA, CABLING BY 27 1513 CAMERA BY 28 2300.	VARIES	144", UNO
○	CCTV CAMERA, CABLING BY 27 1513, CAMERA BY 28 2300		
○	WIRELESS ANALOG CLOCK - DUAL FACE - CEILING MOUNT	WALL	96", UNO
○	WIRELESS ANALOG CLOCK - DUAL FACE - WALL MOUNT	WALL	96", UNO
○	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT		
○	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT WITH WIRE GUARD		
○	DOOR CONTACT PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.	DOOR	SEE PLANS
○	REQUEST TO EXIT DEVICE BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
○	ACCESS CONTROL CARD READER PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	44"
○	SECURITY SYSTEM KITPAD PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
○	HARD CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	HARD CEILING	N/A
○	CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. COORDINATE WORK WITH DIVISION 26.	WALL	96", UNO
○	SECURITY SYSTEM ALARM BELL PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	80", UNO
○	AUDIO ONLY INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
○	AUDIO & VIDEO INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
○	DESK MOUNT MASTER INTERCOM STATION PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.		
○	ELECTRONIC DOOR RELEASE OR LOCK DOWN PUSH BUTTON PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.	VARIES	VARIES

SECURITY/ACCESS CONTROL SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING LOC.	HT.
○	ACCESS CONTROL SYSTEM CONTROL PANEL. DIVISION 26 TO PROVIDE 120V CONNECTION TO PANEL AS REQUIRED. COORDINATE WORK WITH DIVISION 26.	WALL	72" TO TOP
○	SECURITY SYSTEM CONTROL PANEL. DIVISION 26 TO PROVIDE 120V CONNECTION TO PANEL AS REQUIRED. COORDINATE WORK WITH DIVISION 26.		
○	ELECTRONIC LOCK PROVIDED BY DIVISION 08. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
○	DOOR CONTACT PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
○	REQUEST TO EXIT DEVICE BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
○	ACCESS CONTROL CARD READER PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	SECURITY SYSTEM KITPAD PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	HARD CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. COORDINATE WORK WITH DIVISION 26.		
○	SECURITY SYSTEM ALARM BELL PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	AUDIO ONLY INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	AUDIO & VIDEO INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	DESK MOUNT MASTER INTERCOM STATION PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.		
○	ELECTRONIC DOOR RELEASE OR LOCK DOWN PUSH BUTTON PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.		

TECHNOLOGY EQUIPMENT SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING LOC.	HT.
○	STUB ALL CONDUITS FOR TECHNOLOGY OUTLETS ABOVE ACCESSIBLE CEILING. UNO. PROVIDE FULL STRING AND PLASTIC BUSHING ON END OF EACH CONDUIT. PROVIDE COVERPLATE FOR UNUSED BOXES.		
○	MULTI-SENSOR CCTV CAMERA, CABLING BY 27 1513 CAMERA BY 28 2300.	VARIES	144", UNO
○	CCTV CAMERA, CABLING BY 27 1513, CAMERA BY 28 2300		
○	WIRELESS ANALOG CLOCK - DUAL FACE - CEILING MOUNT	WALL	96", UNO
○	WIRELESS ANALOG CLOCK - DUAL FACE - WALL MOUNT	WALL	96", UNO
○	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT		
○	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT WITH WIRE GUARD		
○	DOOR CONTACT PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.	DOOR	SEE PLANS
○	REQUEST TO EXIT DEVICE BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
○	ACCESS CONTROL CARD READER PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	SECURITY SYSTEM KITPAD PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	HARD CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. COORDINATE WORK WITH DIVISION 26.		
○	SECURITY SYSTEM ALARM BELL PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	AUDIO ONLY INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	AUDIO & VIDEO INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 26.		
○	DESK MOUNT MASTER INTERCOM STATION PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS		

1 TYPICAL WIRELESS ACCESS POINT DETAIL
T1.22 TYPICAL CABLE SUPPORT DETAIL
T1.23 GROUNDING AND BONDING SCHEMATIC DIAGRAM
T1.24 DATA OUTLET (D2)
T1.25 VIDEO OUTLET (VID)
T1.26 CAMERA OUTLET (CAM)
T1.27 WIRELESS ACCESS POINT OUTLET (WAP)
T1.2

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

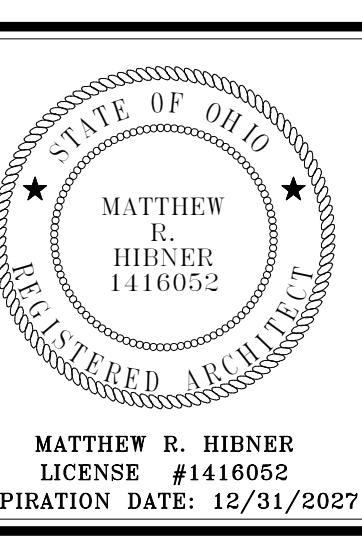
300 NORTH MAIN STREET, ARCANUM, OH 45304

ISSUANCES/REVISIONS
CD PHASE SUBMISSION 01/06/2026

PROJECT NUMBER: 23047.03 DRAWN BY: CDT CHECKED BY: GAW

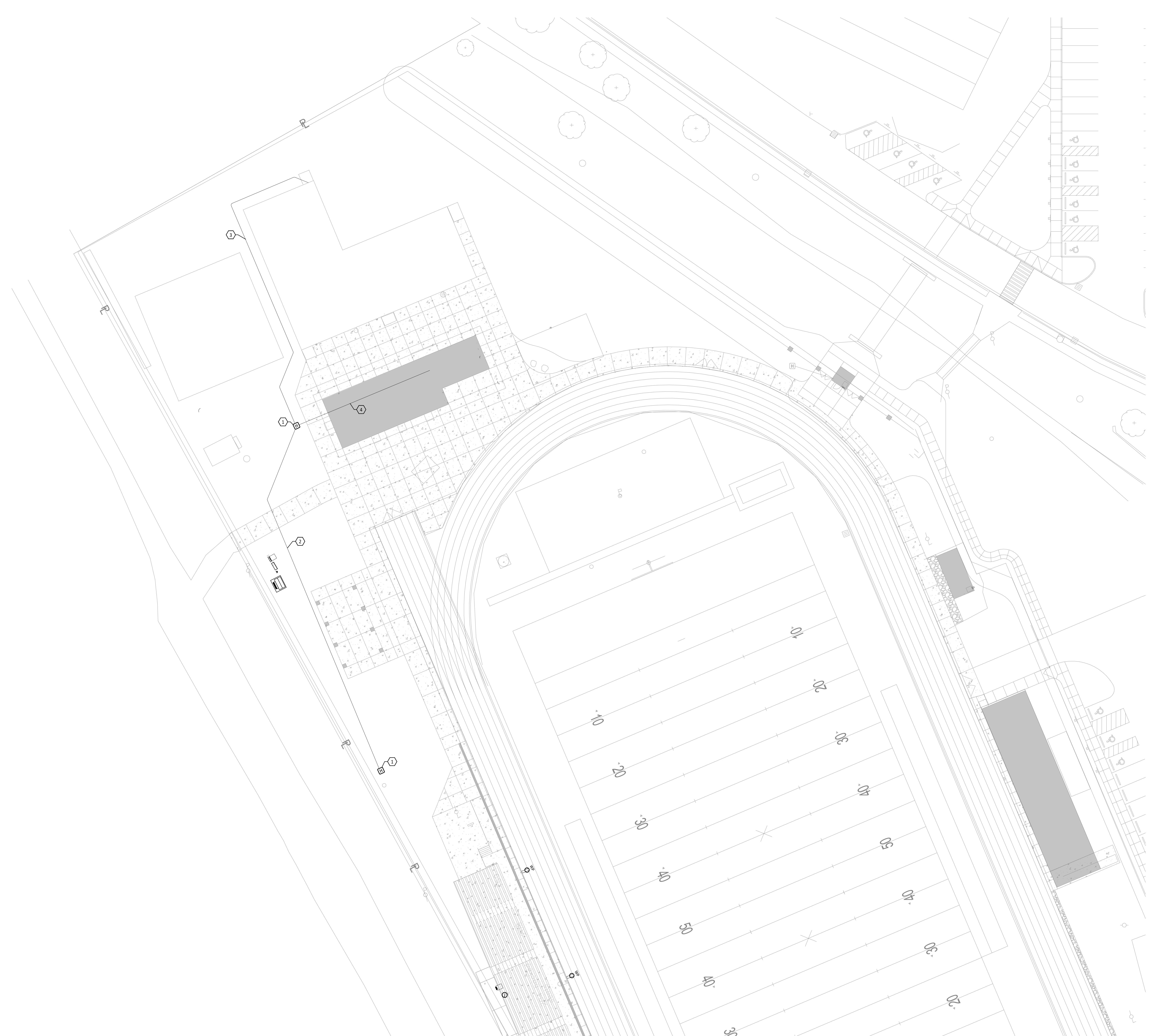
SHEET NUMBER: T1.2
SHEET TITLE: TECHNOLOGY DETAILS

SHEET NUMBER: T1.2



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#	KEYNOTE DESCRIPTION
1	DIVISION 26 TO PROVIDE NEW HANDHOLE FOR FUTURE TECHNOLOGY CABLING.
2	DIVISION 26 TO PROVIDE A 2" UNDERGROUND CONDUIT WITH PULL STRING FOR FUTURE CONNECTIONS TO THE NEW PRESS BOX FROM THE NEW HANDHOLE AT THE CONCESSIONS BUILDING TO THE NEW HAND HOLE AT THE BLEACHERS.
3	DIVISION 26 TO PROVIDE A 2" UNDERGROUND CONDUIT WITH PULL STRING FOR FUTURE CONNECTIONS TO THE EXISTING WEIGHT ROOM BUILDING FROM THE NEW HAND HOLE AT THE CONCESSIONS BUILDING TO THE EXISTING WEIGHT ROOM BUILDING.
4	DIVISION 26 TO PROVIDE TWO (2) CONDUITS WITH PULL STRING FROM THE NEW TECHNOLOGY RACK IN THE CONCESSIONS BUILDING TO THE HAND HOLE.



MANCHESTER, INDIANA | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA

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ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

310 NORTH MAIN STREET, ARCANUM, OH 45304

ISSUANCES/REVISIONS	
CD PHASE SUBMISSION	01/06/2026

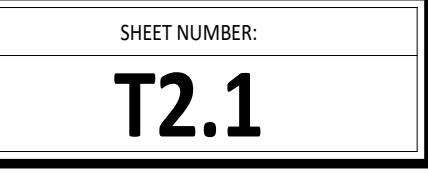
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23047.03	COT	GAW

SHEET TITLE:		
TECHNOLOGY SITE PLAN		

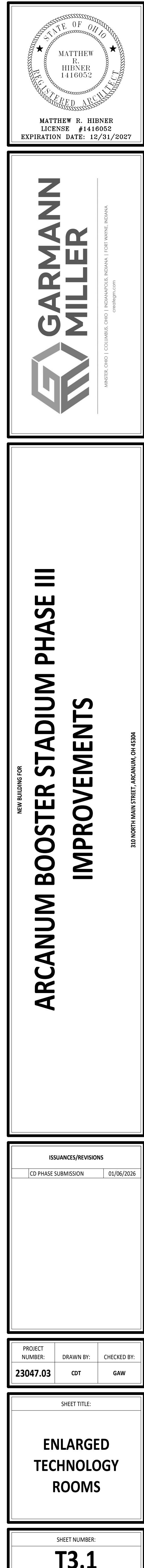
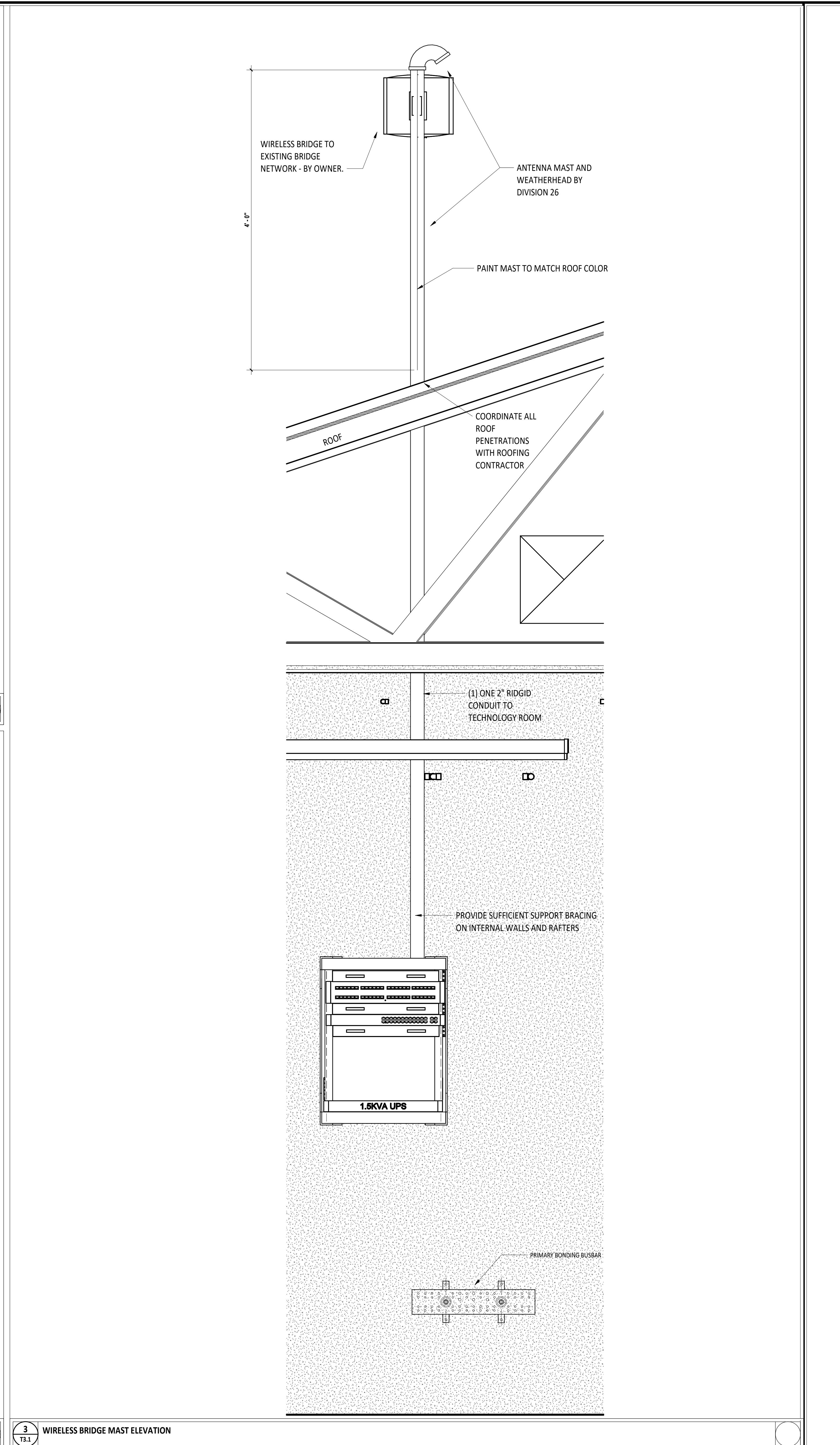
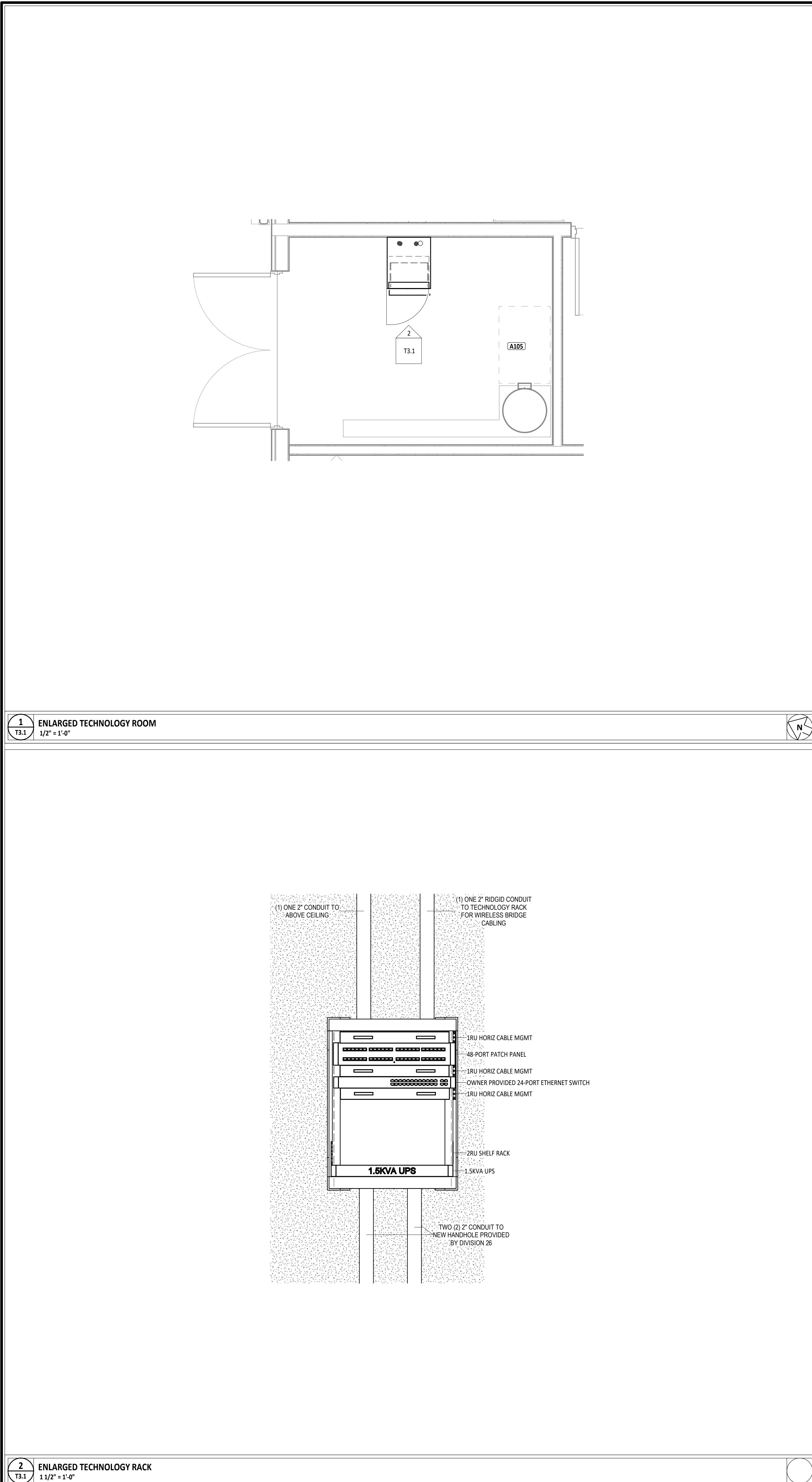
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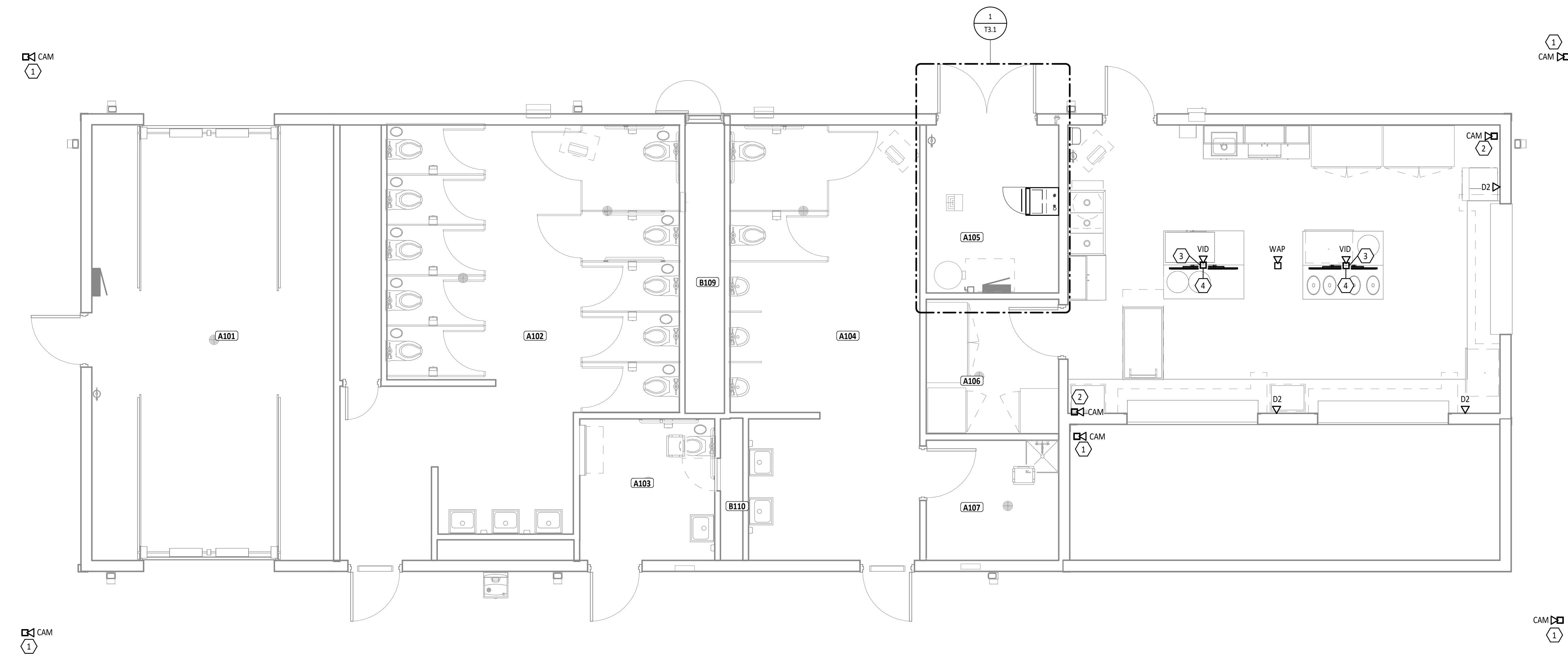
TECHNOLOGY SITE PLAN

T2.1



STATE OF OHIO
MATTHEW E. HIRNER
LICENSE #4148002
EXPIRATION DATE: 12/31/2027





FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
A103	FAMILY RESTROOM	72 SF
A104	MEN'S RESTROOM	297 SF
A105	MECHANICAL ROOM	83 SF
A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

#	KEYNOTE DESCRIPTION
1	DIVISION 26 TO PROVIDE CONDUIT TO ACCESSIBLE LOCATION AND ROUGH-IN JUNCTION BOX IN THE SOFFIT. DIVISION 27 TO PROVIDE CAT 6 CABLE FOR FUTURE CAMERA.
2	DIVISION 26 TO PROVIDE ROUGH-IN JUNCTION BOX IN CEILING. DIVISION 27 TO PROVIDE CAT 6 CABLE FOR FUTURE CAMERA.
3	DIVISION 26 TO PROVIDE ROUGH-IN JUNCTION BOX IN CEILING. DIVISION 27 TO PROVIDE VID CABLES FOR FUTURE TVs.
4	PROVIDE A CEILING KIT AND CEILING PLATE WITH ADJUSTABLE COLUMN TO MOUNT 42" TO 75" FLAT PANEL DISPLAYS. INSTALL OWNER PROVIDED FLAT PANEL. COORDINATE WITH OWNER.

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

NEW BUILDING FOR

**GARMANN
MILLER**
ARCHITECTS | CIVIL ENGINEERS | INFRATECHNICAL | CONSTRUCTION

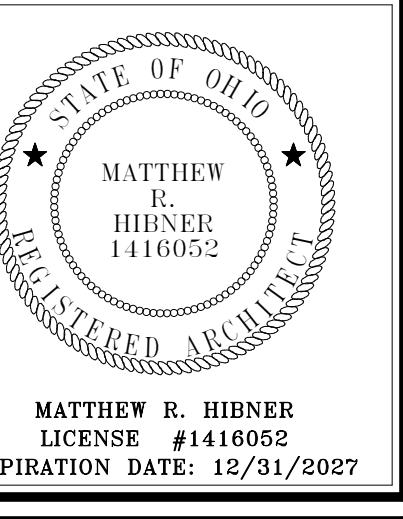
310 NORTH MAIN STREET, ARCAUUM, OH 45324

ISSUANCES/REVISIONS		
CD PHASE SUBMISSION	01/06/2026	

PROJECT NUMBER	DRAWN BY:	CHECKED BY:
23047.03	COT	GAW

SHEET TITLE:		
TECHNOLOGY CABLING PLAN		

SHEET NUMBER:	DRAWN BY:	CHECKED BY:
TC1.1		



REGISTERED ARCHITECT
LICENSE #41418002
EXPIRATION DATE: 12/31/2027