ADDENDUM NUMBER 02
December 12, 2024

PROJECT: **FORT PAYN HIGH SCHOOL COMPETITION GYM AND CLASSROOM ADDITION**
ARCHITECT: GOODWYN MILLS CAWOOD, LLC
CONSTRUCTION MANAGER: SCOUT PROGRAM MANAGEMENT
OWNER: FORT PAYNE CITY SCHOOLS

GENERAL:

A. The following revisions and/or additions to the Drawings and Project Manual are hereby made a part of same, and shall be incorporated in the Work of the Contract the same as if originally included in the Bid and Construction Documents.

B. Bidders shall acknowledge receipt of this Addendum in writing, as provided on the Proposal Form.

C. When a revision and/or addition is called for to the Drawings or Project Manual, they shall be fully coordinated with and carried through all applicable Drawings and portions of the Project Manual, including in part, all related Civil, Landscaping, Architectural, Structural, Plumbing, Mechanical, Electrical, and other Documents.

CLARIFICATIONS & PROJECT INFORMATION:

A. The bid date shall be December 19th , 2024 at the Board of Education Bldg. Conference Room 45th Street, Fort Payne AL Bids shall be received until 2:00 p.m. CST at which point they will be publicly opened.

B. Any bidder that wishes to tour the campus at alternate times can contact:
Kevin Sayer
Fort Payne City Schools
ksayre@fpcsk12.com

C. All proposed bidders shall hold an Alabama Contractors License

DRAWINGS (replace the following sheets)

A. Sheet A0.01
B. Sheet A1.01
C. Sheet A1.05
D. Sheet A3.02
E. Sheet A5.11
F. Sheet A5.12
G. Sheet A5.14
H. Sheet A5.33
I. Sheet A6.01
J. Sheet L1.00
K. Sheet S2.01
L. Sheet S2.03
M. Sheet S3.05

N. Sheet C2.01 **through C6.01**

SPECIFICATIONS

A. Note Changes to Locker Spec Section on line item 51 of the attached RFI log
B. See attached revised Table of Contents
C. Replace: Alabama Disclosure Form - attached
D. Add: Unit Pricing Sheet attached
E. Replace: Section 01 2100 Allowances (note changes: add wood flooring allowance and clarifications on undercut and backfill)
F. Add: Section 03 1230 Stadium Seating Permanent Riser Forming (GeoFoam)
G. Add: Section 06 4633 Plastic Siding (Soffit)
H. Add: 10 1416 Bronze Plaque

RFI LOG

See attached RFI log. Unanswered items will be addressed in a future addendum.

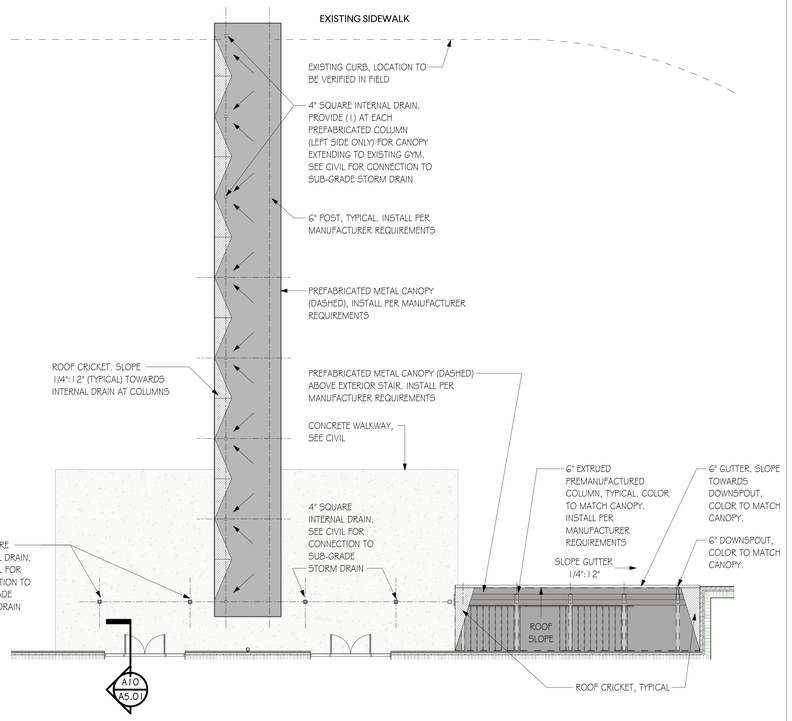
ATTACHEMENTS

A. Drink Rail Cut Sheet
B. Exterior Railing Cut Sheet (basis of design)
C. Center Hung Scoreboard Cut Sheets (basis of design)

APPROVED SUBSTITUTIONS

A. Columbia Lockers
B. G & S Wall and Ceiling Acoustical Panels
C. Sitka DecoDur Flake Flooring
D. Datum Filing Systems – Mobil Shelving
E. Dura Flex-Poly Crete MDC

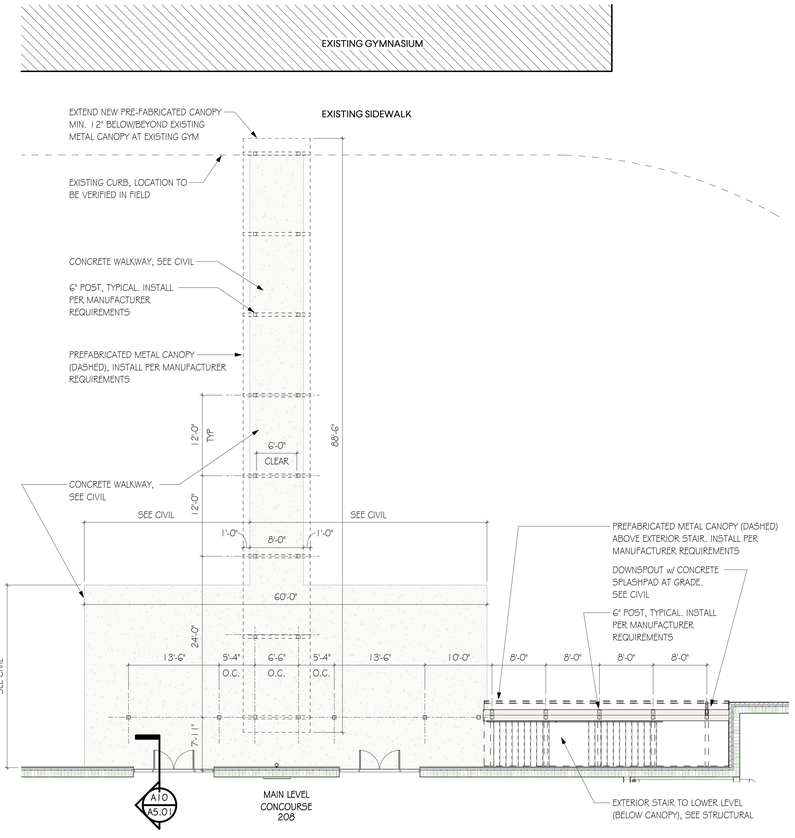
END OF ADDENDUM NO. 2



PLAN NORTH TRUE NORTH

H4 NEW METAL CANOPY AT REAR - INTERNAL DRAINS & ROOF CRICKET

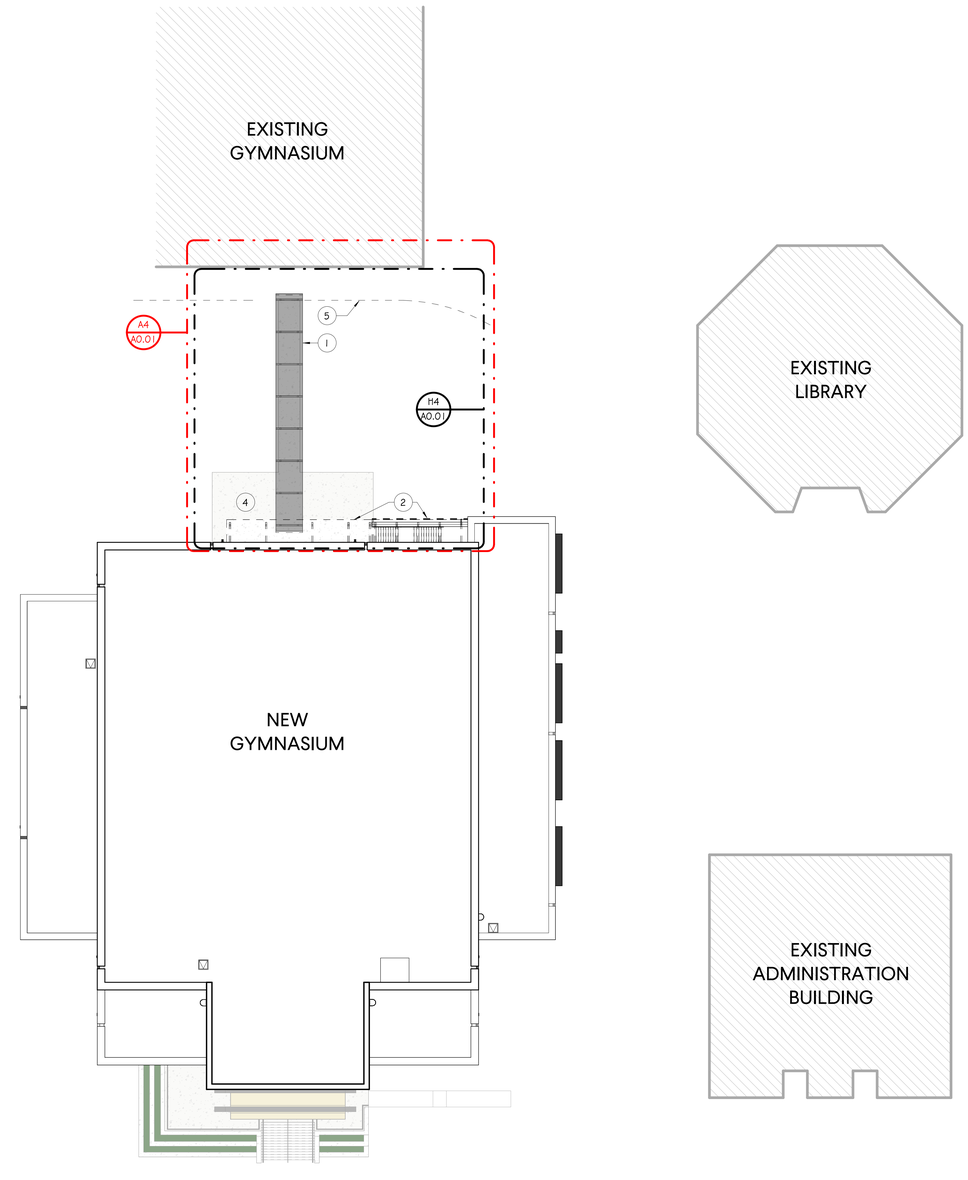
SCALE: 1/8" = 1'-0"



PLAN NORTH TRUE NORTH

A4 NEW METAL CANOPY AT REAR

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



PLAN NORTH TRUE NORTH

A8 OVERALL PLAN

SCALE: 1" = 20'-0"

OVERALL PLAN - KEY NOTES

1 NEW PREFABRICATED METAL CANOPY CONNECTING TO EXISTING GYM. NEW PRE-FAB CANOPY TO EXTEND MIN. 12" BEYOND EXISTING METAL CANOPY AT GYM AND NEW PREFABRICATED CANOPY AT NEW BUILDING TO ALLOW COVERED WALKWAY TO-AND-FROM BOTH BUILDINGS. PROVIDE INTERNAL DRAINS AT EACH COLUMN (LEFT SIDE ONLY). COORDINATE INTERNAL DRAIN LOCATIONS w/ CIVIL FOR CONNECTION TO SUB-GRADE STORM DRAIN.

2 NEW PREFABRICATED METAL CANOPY. SEE WALL SECTIONS

3 ROOF TOP UNIT. SEE MECHANICAL

4 NEW WALKWAY. SEE CIVIL

5 LINE REPRESENTING EXISTING SIDEWALK AND CURB

OVERALL PLAN - GENERAL NOTES

- SEE CIVIL DRAWINGS FOR COORDINATION OF SITE RELATED ITEMS AND EXTENTS OF NEW AND/OR EXISTING WALKWAYS, CURBS AND/OR PAVED SURFACES. OVERALL PLAN SHOWN FOR REPRESENTATIONAL PURPOSES ONLY.

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ISSUE	DATE
DCM FINAL SUBMITTAL	11.14.24
ADDENDUM #2	12.12.24
2	
DRAWN BY:	Author
CHECKED BY:	Checker

STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads, Alabama
REGISTERED ARCHITECT

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC AHUN230009

OVERALL PLAN

A0.01

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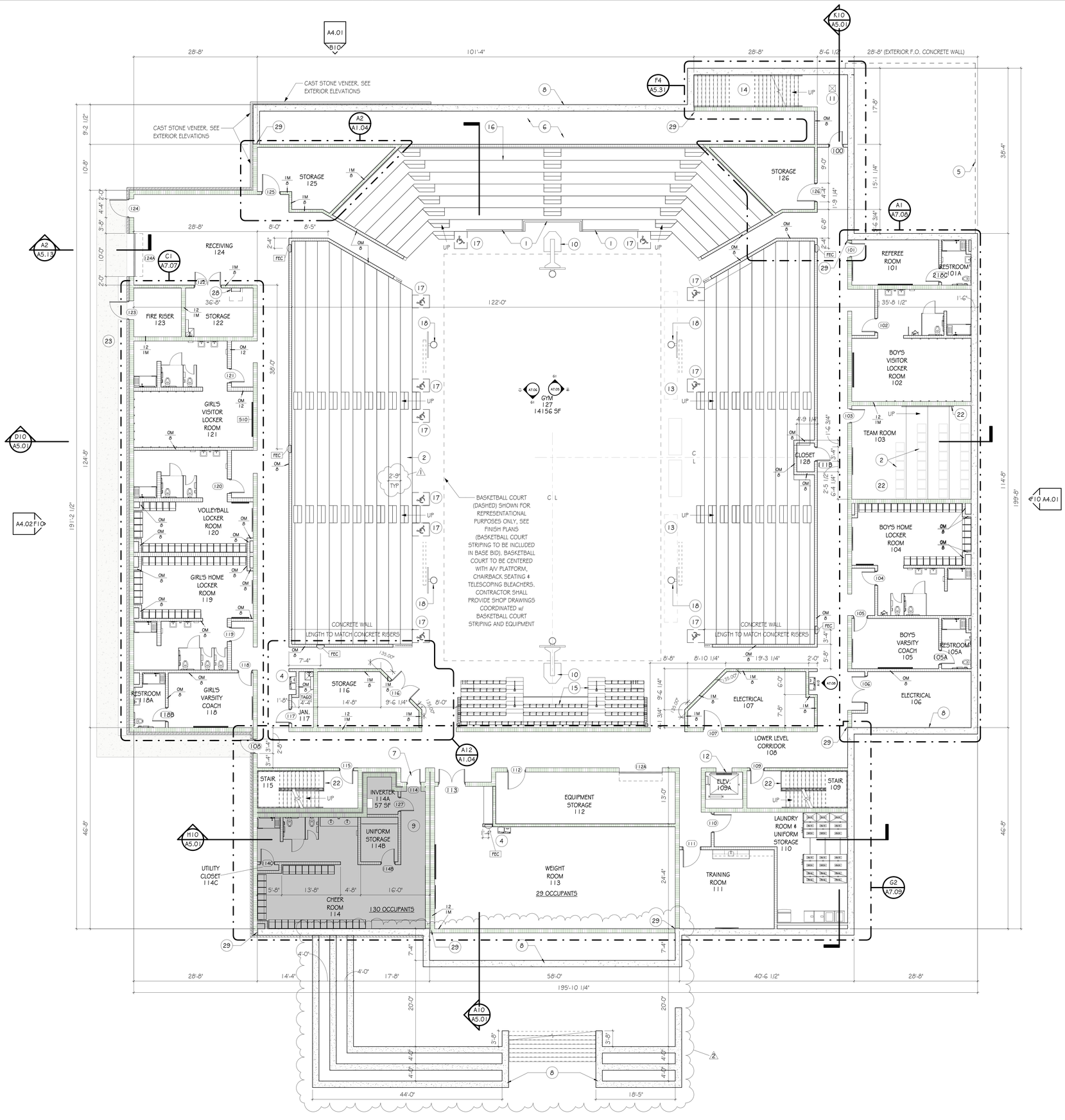

A6 FLOOR PLAN - LOWER LEVEL

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

GENERAL NOTES - FLOOR PLAN

KEY NOTES - FLOOR PLAN

1 42" CABLE GUARDRAIL, SEE DETAILS
2 PRIORITY SEATING, SEE SPECIFICATIONS & SEATING PLAN
3 GLASS DISPLAY CASE, SEE SPECIFICATIONS
4 DRINKING FOUNTAIN w/ BOTTLE FILLER. COORDINATE w/ PLUMBING FOR WATER AND ELECTRICAL FOR POWER.
5 LOCATION OF EXTERIOR WALL ABOVE (DASHED)
6 4 x 4 FIRE RETARDENT PLYWOOD
7 TORNADO RESISTANT DOOR & FRAME. SEE SCHEDULE
8 CONCRETE RETAINING WALL. SEE STRUCTURAL
9 DESIGNATED STORM SHELTER (HATCHED REGION)
10 ROLLING BASKETBALL GOAL. O.F.O.I (OWNER FURNISHED OWNER INSTALLED), SEE SPECIFICATIONS
11 CATCH BASIN. SEE CIVIL
12 MACHINE ROOMLESS ELEVATOR. SEE BUILDING SECTIONS AND/OR SPEC.'S
13 TEAM SEATING AREA
14 EXTERIOR STAIR. SEE CIVIL
15 TELESCOPING BLEACHERS. SEE SEATING PLAN
16 STANDARD CHAIRBACK SEATING, SEE SEATING PLAN & SPECIFICATIONS
17 ADA DESIGNATED AISLE SEAT
18 RETRACTABLE CEILING MOUNTED BASKETBALL GOAL. O.F.C.I OWNER FURNISHED CONTRACTOR INSTALLED). SEE SPECIFICATIONS
19 50' x 94' REGULATION BASKETBALL COURT, SEE STRIPING PLAN
20 CAST-STONE WALL CAP w/ CONCRETE RETAINING WALL BELOW. SEE STRUCTURAL FOR RETAINING WALL DETAILS
21 CANOPY ABOVE. SEE EXTERIOR DETAILS
22 1 1/2" DIA. HANDRAIL. SHOP PRIMED & POWDER COATED
23 SIDEWALK, SEE CIVIL
24 AUDIO / VIDEO PLATFORM AT MAIN LEVEL. ALL COMPONENTS AND INSTALLATION BY SEATING MANUFACTURER
25 PREFINISHED METAL COPING. SEE SPECIFICATIONS
26 MECHANICAL ROOF TOP UNIT (SHOWN DASHED FOR REPRESENTATIONAL PURPOSES ONLY). SEE MECHANICAL DRAWINGS
27 SLOPED CONCRETE WALL (SEE STRUCTURAL) w/ RAILING ABOVE. RAILING COMPONENTS AND INSTALLATION BY RAILING MANUFACTURER.
28 ACCESS LADDER. SEE SPECIFICATIONS
29 EXPANSION JOINT. SEE STRUCTURAL
30 PREFABRICATED EXTRUDED ALUMINUM POST-SUPPORTED WALKWAY COVER. INSTALL PER MANUFACTURER REQUIREMENTS. SEE DETAILS
31 MECHANICAL CHASE
32 WALL MOUNTED SINK. COORDINATE w/ PLUMBING

WALL LEGEND

- INTERIOR GYPSUM ON METAL STUD
- 8" CMU
- 1-HOUR RATED 12" CMU
- CAST IN PLACE CONCRETE

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FLOOR PLAN - LOWER LEVEL

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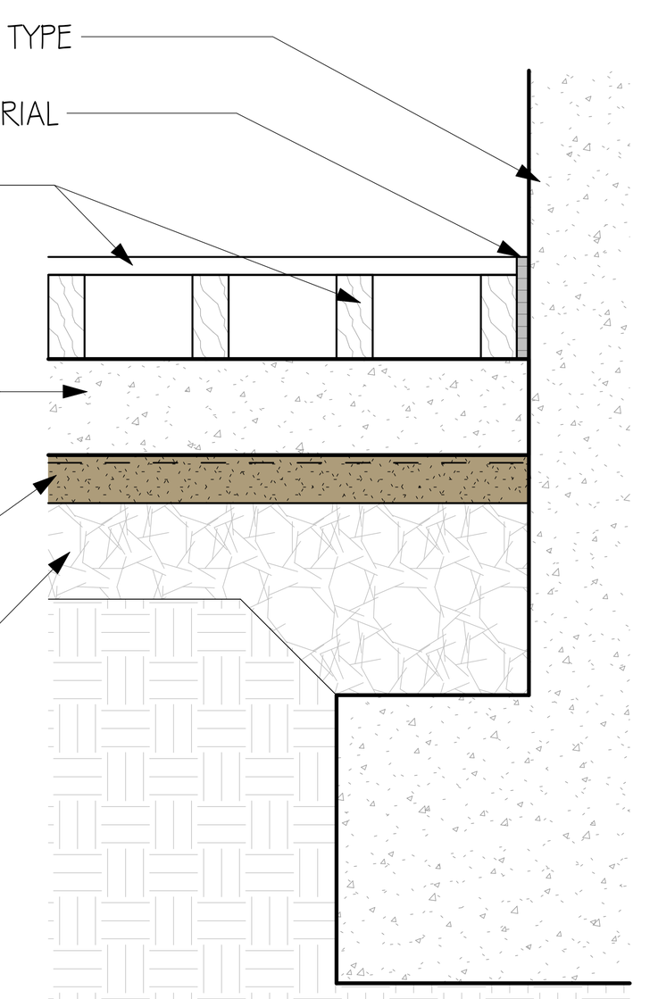
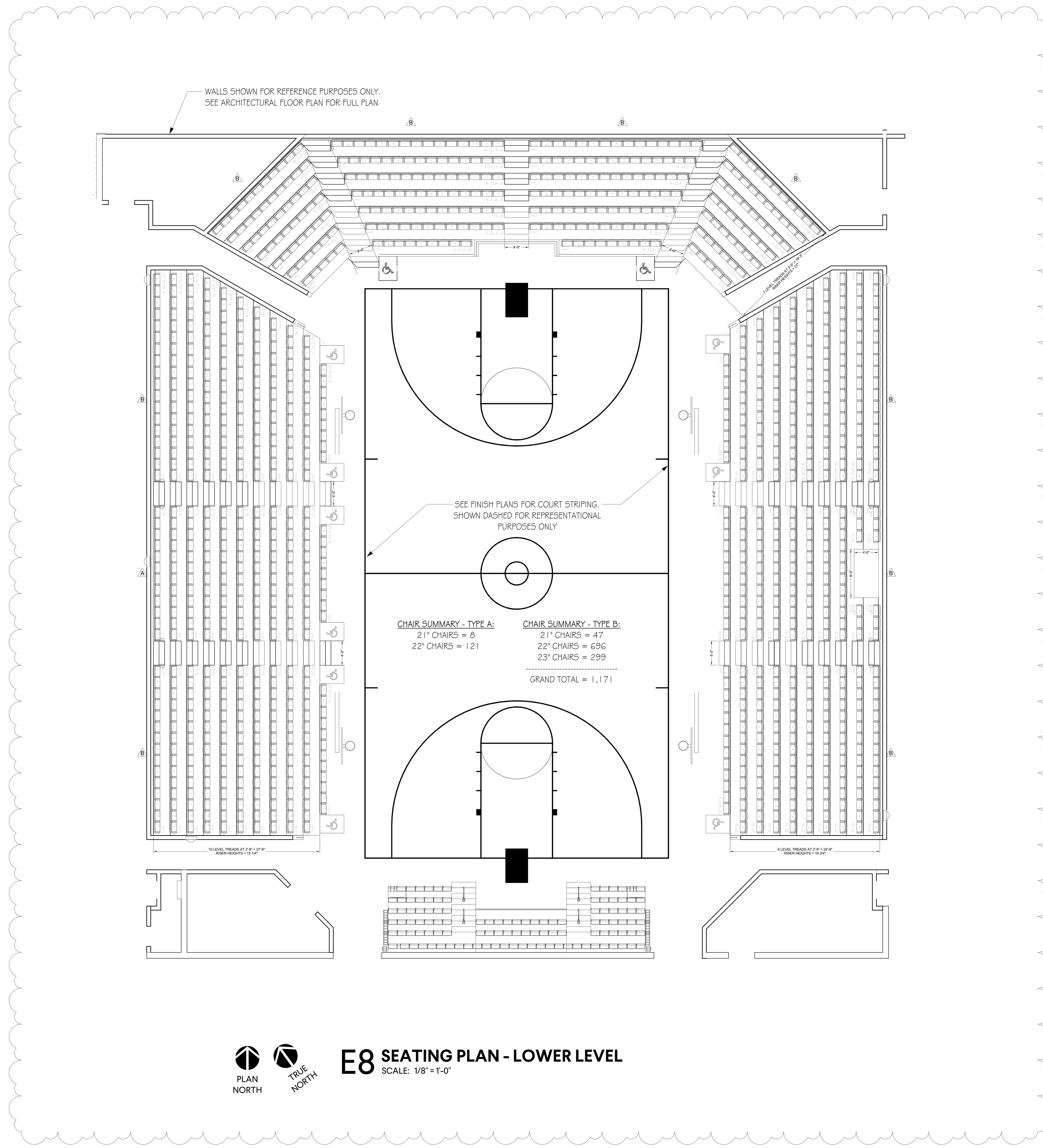


E1 MUD SLAB DETAIL
SCALE: 1 1/2" = 1'-0"



E8 SEATING PLAN - LOWER LEVEL
SCALE: 1/8" = 1'-0"

Minimum Concrete Floor Requirements

New Concrete:
- Concrete must have minimum compressive strength of 3000 psi.
- Structural light weight concrete requires a minimum of 5000 psi with a dry weight of 90-115 lbs per cubic foot.

Pre-existing / Old concrete:
- Concrete should be tested to verify that minimum requirements can be met.
- Please contact Irwin Seating Company if assistance is needed.

Floor Mounting
- 3" minimum thickness with a surface 1-1/2" free of rebar.
- 2" of anchor embedment is required for maximum holding strength.
- Concrete floors to be smooth (free from dips).

Standard Pour

Rebar — MIN 1-1/2" (38mm) — MIN 3" (76mm)

Pan Poured Concrete

Must have a minimum of 3" of thickness from the highest point of corrugation and be free from obstructions.

Steel Deck — MIN 3" (76mm)

Riser Mounting
- 4" minimum thickness with 2-1/2" free from obstructions from the riser face.
- 2 1/2" of anchor embedment is required for maximum holding strength.

Rebar — Riser Face — MIN 2-1/2" (64mm) — MIN 4" (102mm)

- Riser face to be plumb, 1/8"± over total height of riser.

-1/8" +1/8" 90°

Note:
Fillets or chamfers at riser corners could interfere with the use of standard product riser mount chairs. If riser conditions vary from detail shown above, contact Irwin Seating Company.

Anchor Attachment Hardware
See Irwin Seating Company installation and user manual.

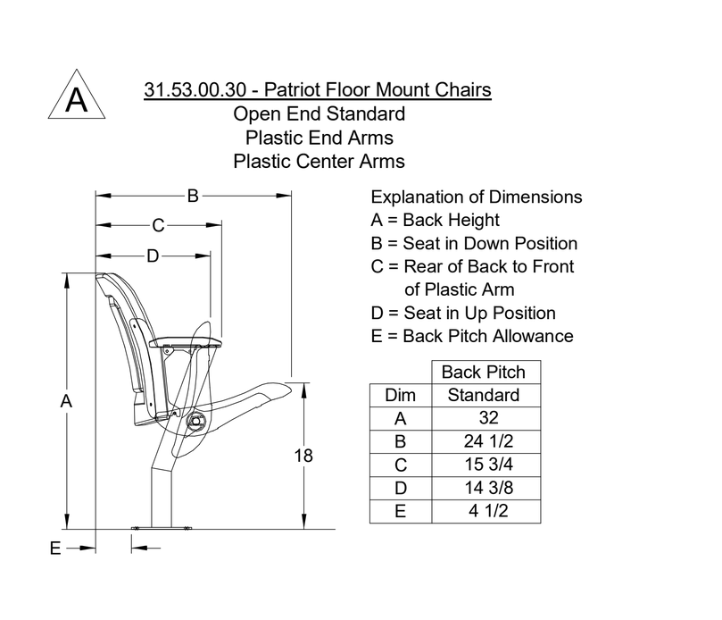
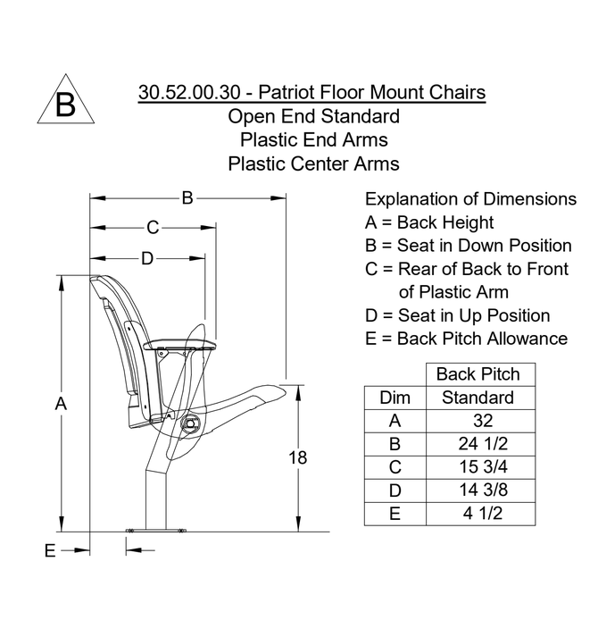
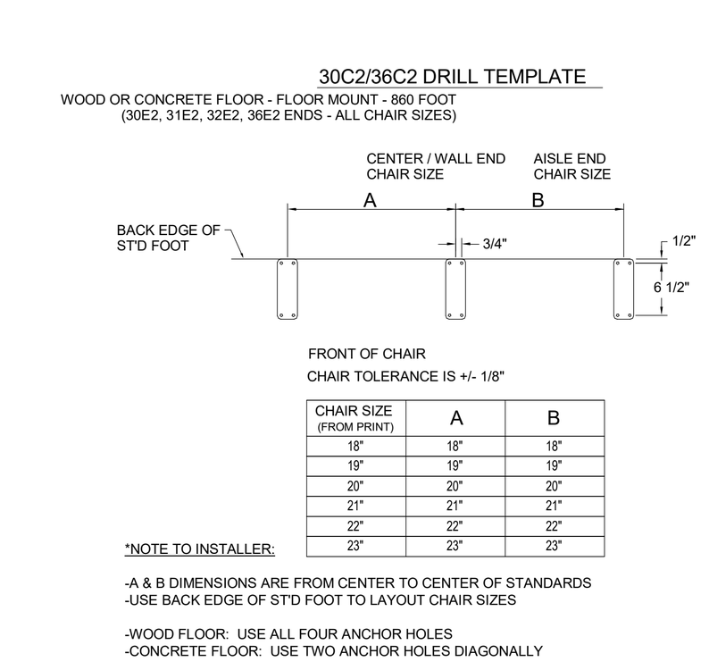
Floor Construction
Failure to meet minimum floor requirements could require alternate fastening methods, including additional installation labor, parts, and time. Extra costs are not the responsibility of Irwin Seating Company. In addition, the installation fastener warranty may be voided.

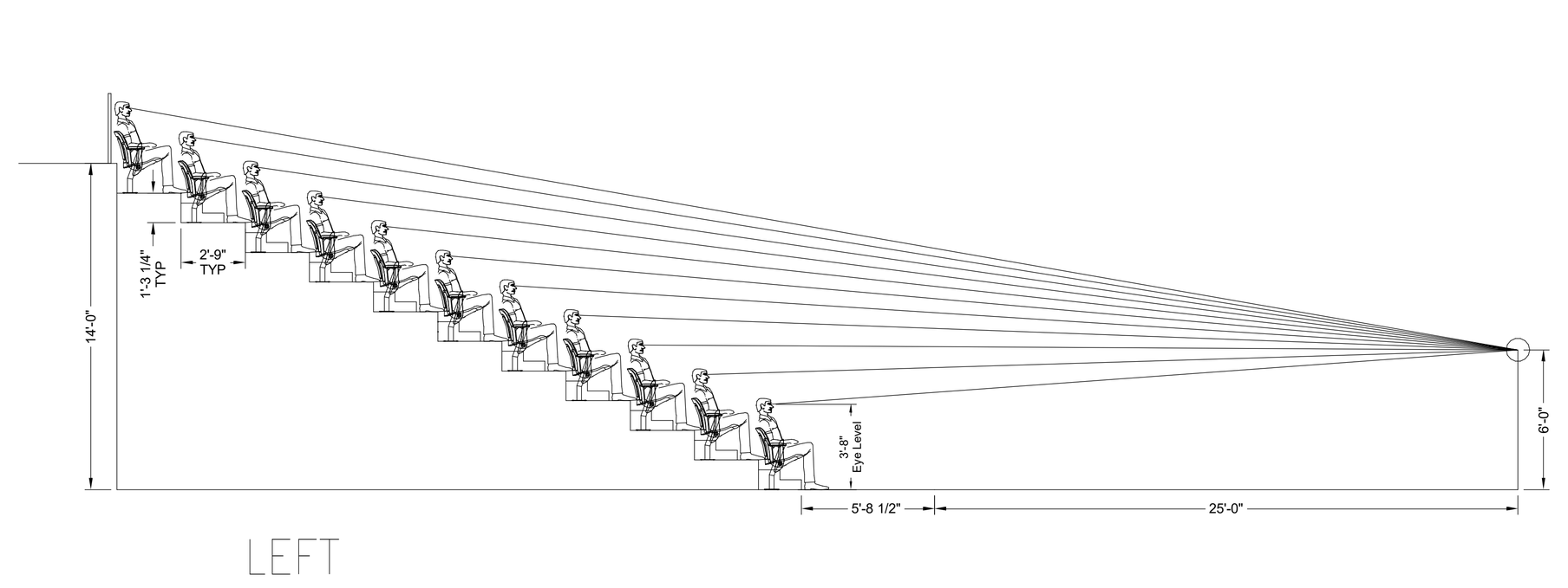
Chair Symbol Detail
Right and left hand orientation is always referenced "as seated in chair"

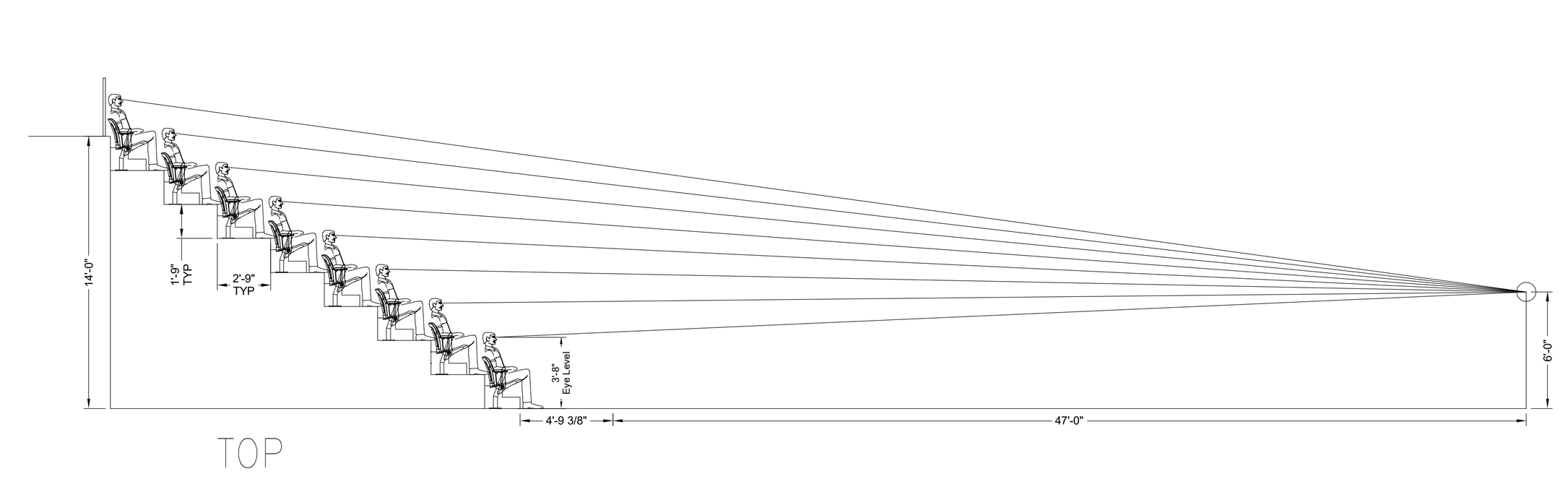
Right end standard — Chair size if shown — Left end standard — Center standards — Chair quantity — Chair size — Row length - sum of the chair sizes and end allowance for each end

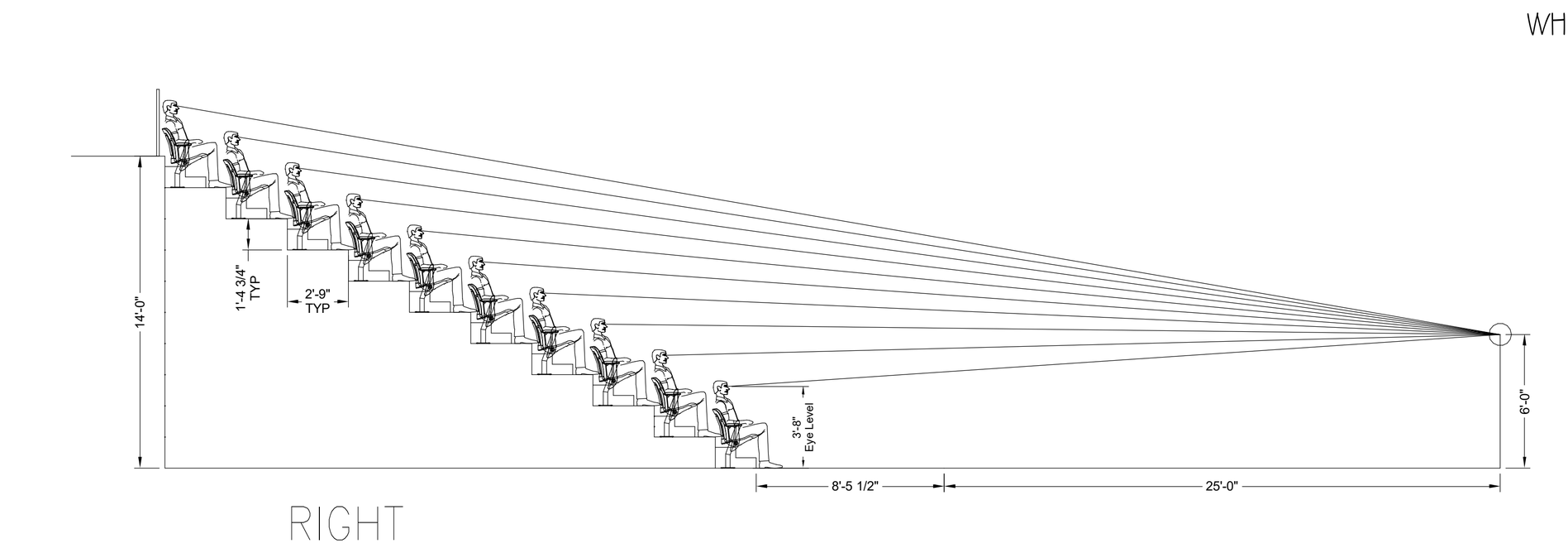
Row designation (letter) plate — Back — Seat — Seat designation (number) plate

Symbols shown in this detail are for reference only, and may not be applicable to the seating layout shown.







A7 SEATING DETAILS & DIAGRAMS
SCALE: 1/8" = 1'-0"

PROJECT NOTES:

IF PROJECT BECOMES AN ORDER, ALL BUILDING DIMENSIONS AND FLOOR ELEVATIONS WILL NEED TO BE PROVIDED AND/OR FIELD VERIFIED.

1 IRWIN SEATING COMPANY SUGGESTS RAILING IN THIS LOCATION.

ADA DESIGNATED AISLE SEATS WITH RETRACTABLE ARMREST ARE SHOWN AT SUGGESTED LOCATIONS FOR ADA CODE COMPLIANCE. PLEASE REVIEW AND ADVISE.

CHAIR NUMBER/LETTER SCHEME SHOWN IS SUGGESTED. CUSTOMER MAY REQUEST AN ALTERNATE SCHEME. NOTE LETTER "I" CURRENTLY IS NOT USED IN ROW LETTERING SCHEME SHOWN.

CONCEPT ONLY MUST BE APPROVED BY CUSTOMER.

WHEELCHAIR LOCATIONS AND QUANTITIES ARE SHOWN PER PLANS RECEIVED.

END STANDARD END ALLOWANCES:
1.5" FOR EACH END STANDARD

ACCESSORY LEGEND		
Symbol	Accessory Description	Qty
	Row Tags: LP1 2" Rd. Bronze - End Panel	Per Print
	Seat Tags: LP2 Oval Bronze - Seat	Per Print
(A)	ADA Designated Aisle Seat (With Retractable Armrest)	10

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STATE of ALABAMA — REGISTERED ARCHITECT — Jay W Purkey 9063 Owens Cross Roads, Alabama

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC AHUN230009

SEATING PLAN & DETAILS

A1.05

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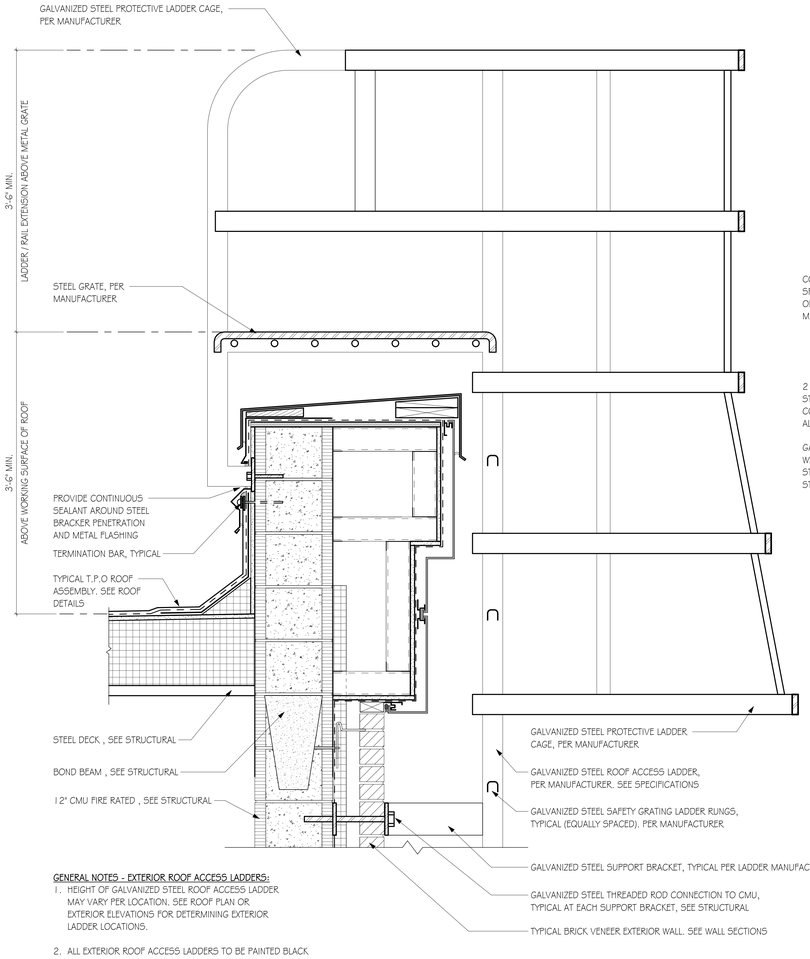
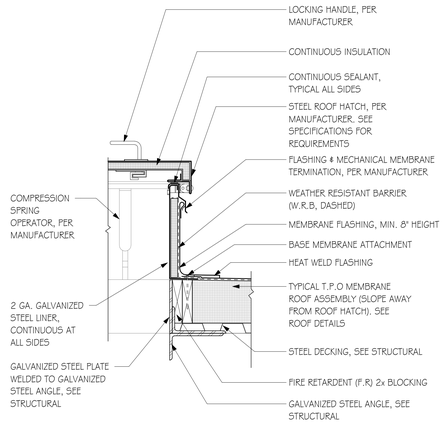


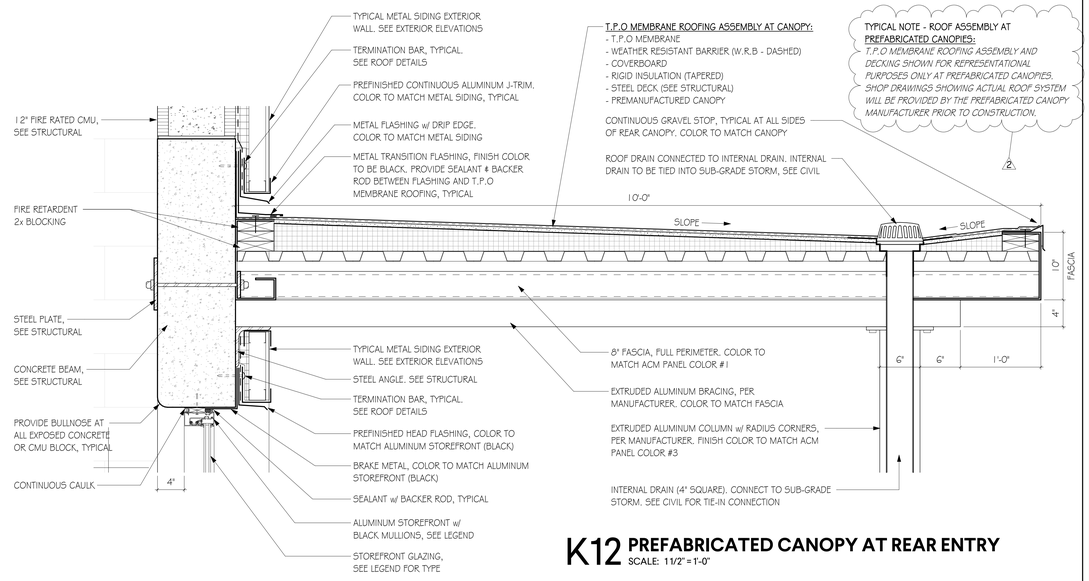
GENERAL NOTES - EXTERIOR ROOF ACCESS LADDERS:

1. HEIGHT OF GALVANIZED STEEL ROOF ACCESS LADDER MAY VARY PER LOCATION. SEE ROOF PLAN OR EXTERIOR ELEVATIONS FOR DETERMINING EXTERIOR LADDER LOCATIONS.
2. ALL EXTERIOR ROOF ACCESS LADDERS TO BE PAINTED BLACK.

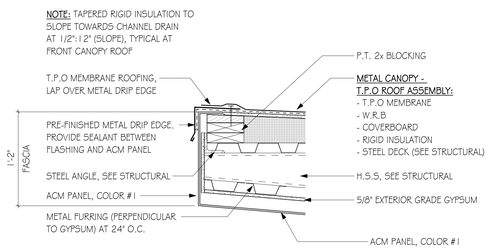
F3 EXTERIOR ROOF ACCESS LADDER
SCALE: 11/2" = 1'-0"



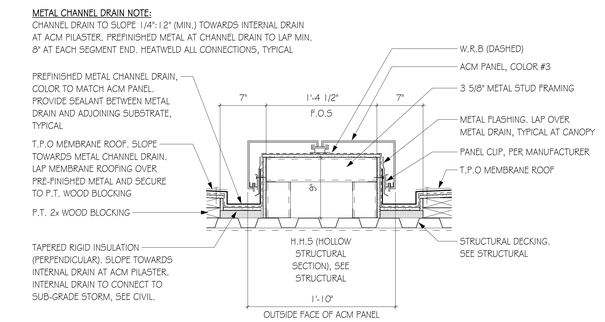
K6 TYPICAL ROOF HATCH
SCALE: 11/2" = 1'-0"



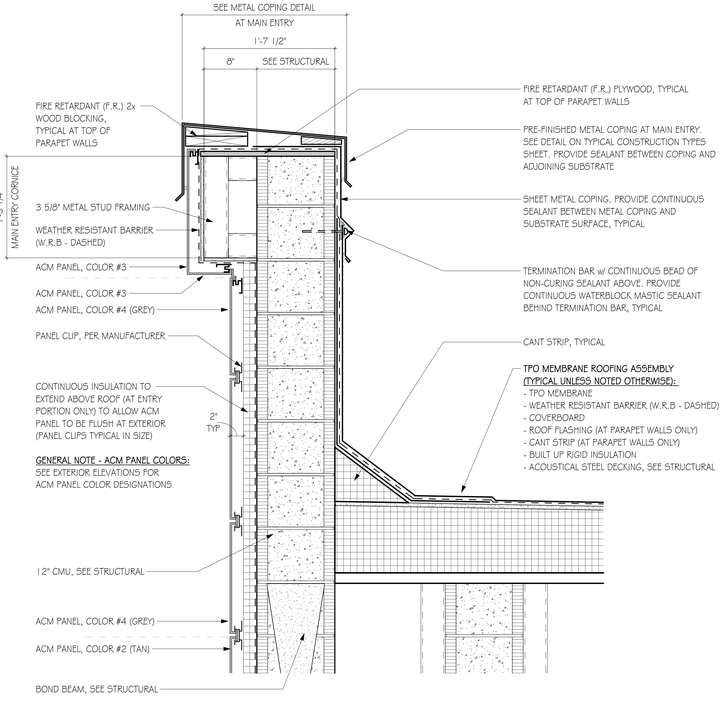
K12 PREFABRICATED CANOPY AT REAR ENTRY
SCALE: 11/2" = 1'-0"



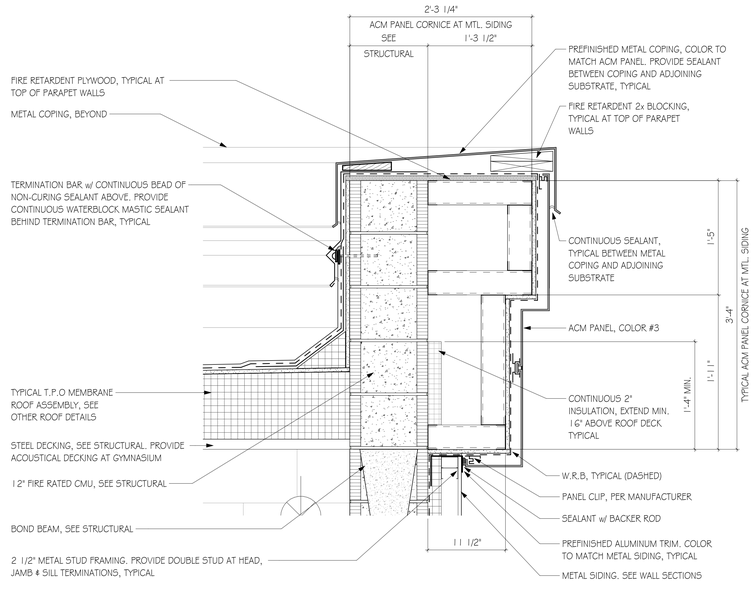
F9 FRONT CANOPY - FASCIA
SCALE: 11/2" = 1'-0"



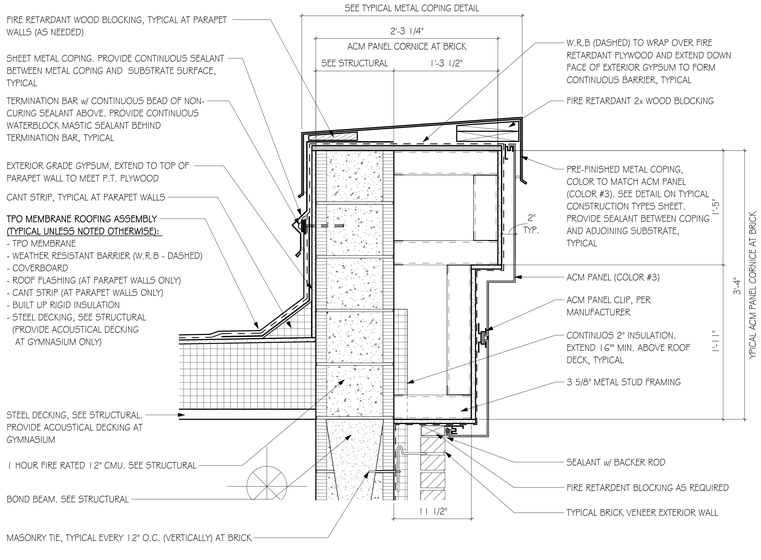
F12 HORIZONTAL ACM AT FRONT CANOPY
SCALE: 11/2" = 1'-0"



A3 ACM PANEL CORNICE AT MAIN ENTRY
SCALE: 11/2" = 1'-0"



A8 ACM CORNICE AT METAL SIDING
SCALE: 11/2" = 1'-0"



A12 TYPICAL ACM PANEL CORNICE
SCALE: 11/2" = 1'-0"

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ROOF DETAILS

A3.02

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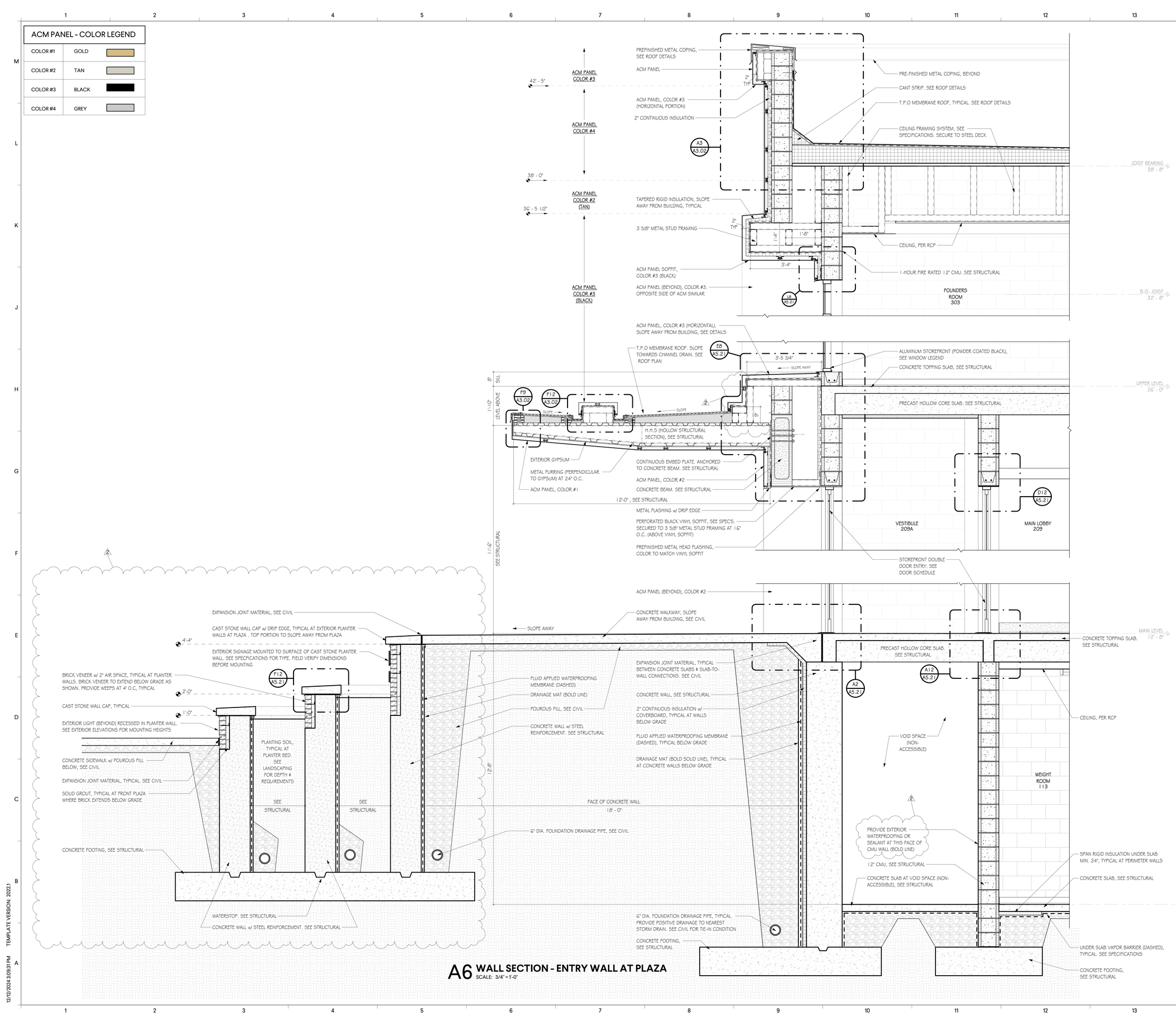
ACM PANEL - COLOR LEGEND		
COLOR #1	GOLD	
COLOR #2	TAN	
COLOR #3	BLACK	
COLOR #4	GREY	



A6 WALL SECTION - ENTRY WALL AT PLAZA

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

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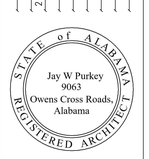

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WALL SECTIONS

A5.11

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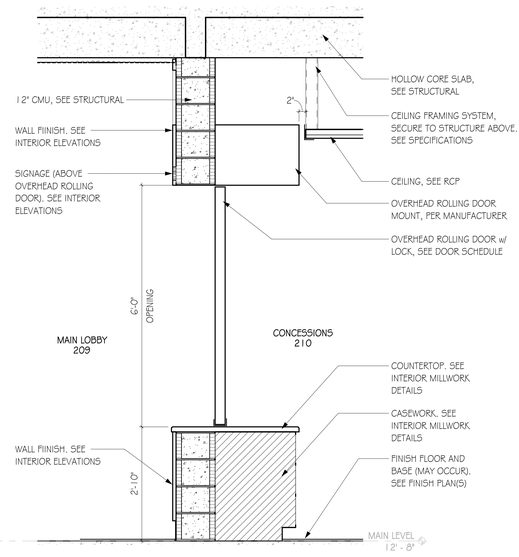
ACM PANEL - COLOR LEGEND		
COLOR #1	GOLD	
COLOR #2	TAN	
COLOR #3	BLACK	
COLOR #4	GREY	



D1 CONCESSIONS - OVERHEAD ROLLING DOOR
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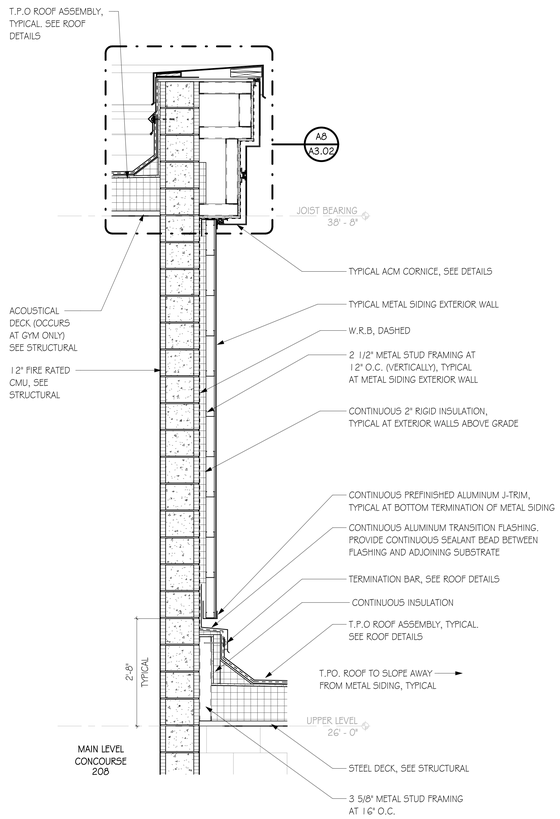
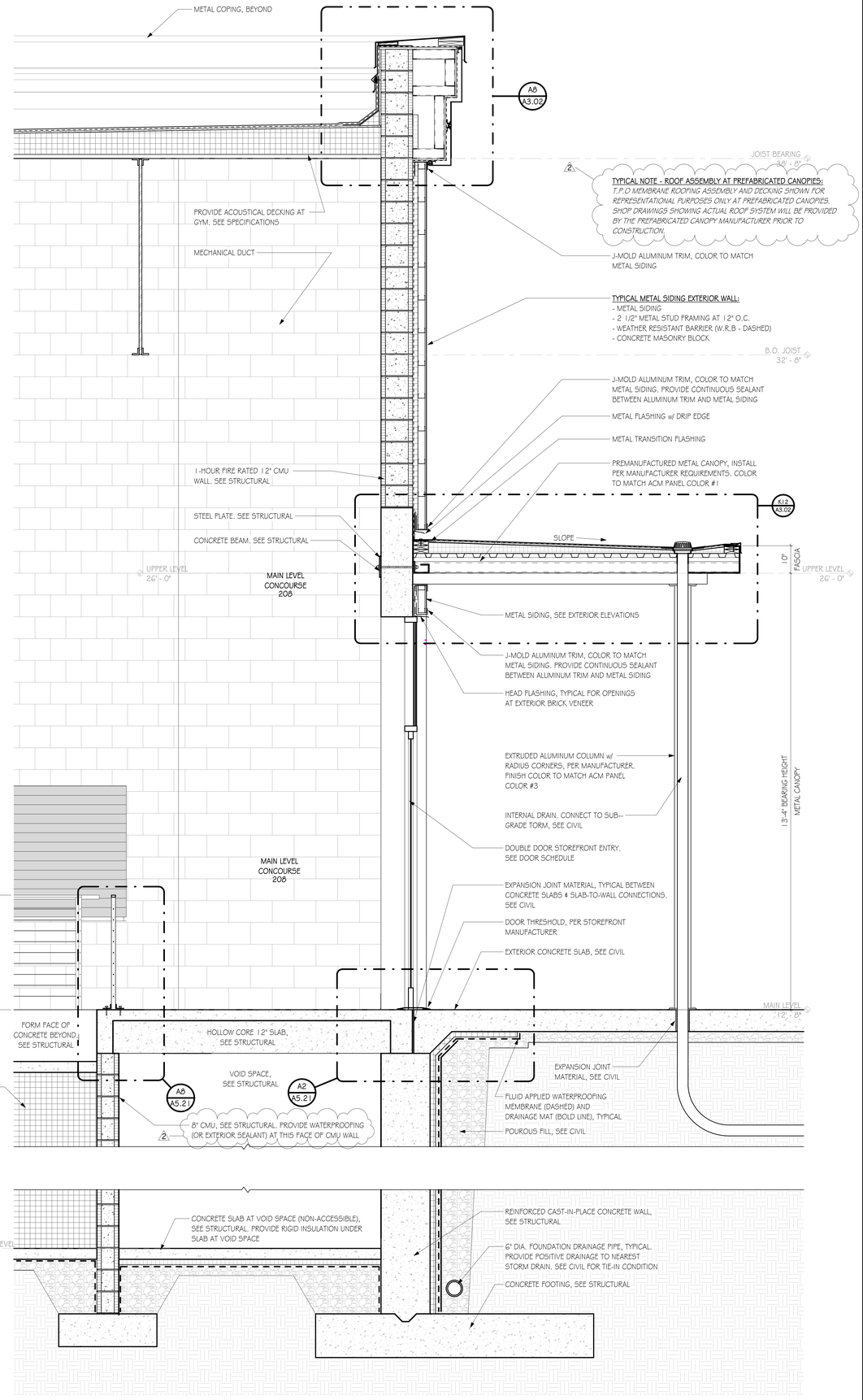


G6 METAL SIDING ABOVE CLASSROOMS
SCALE: 3/4" = 1'-0"



A12 WALL SECTION - REAR ENTRY WALL
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

A5.12

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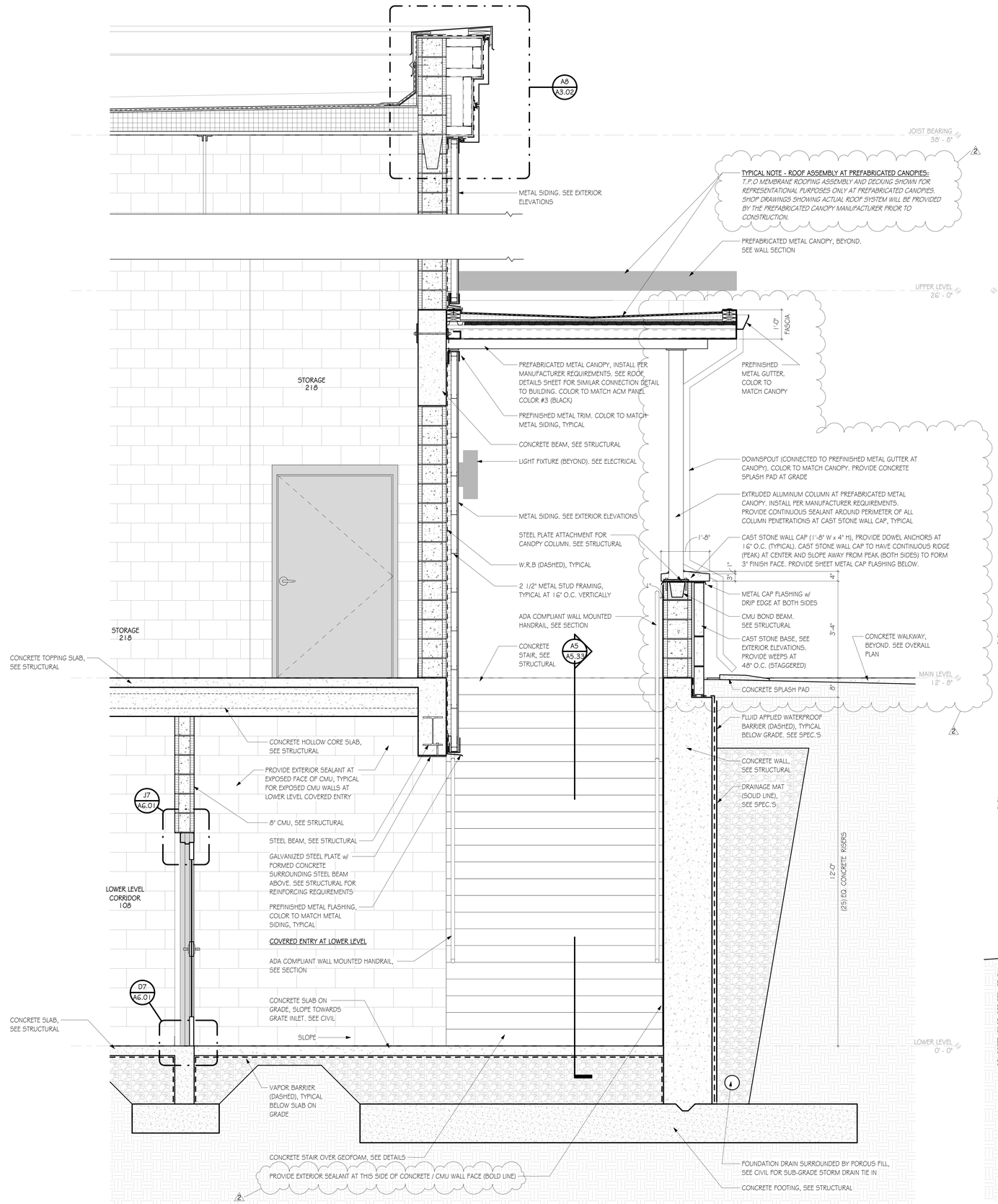
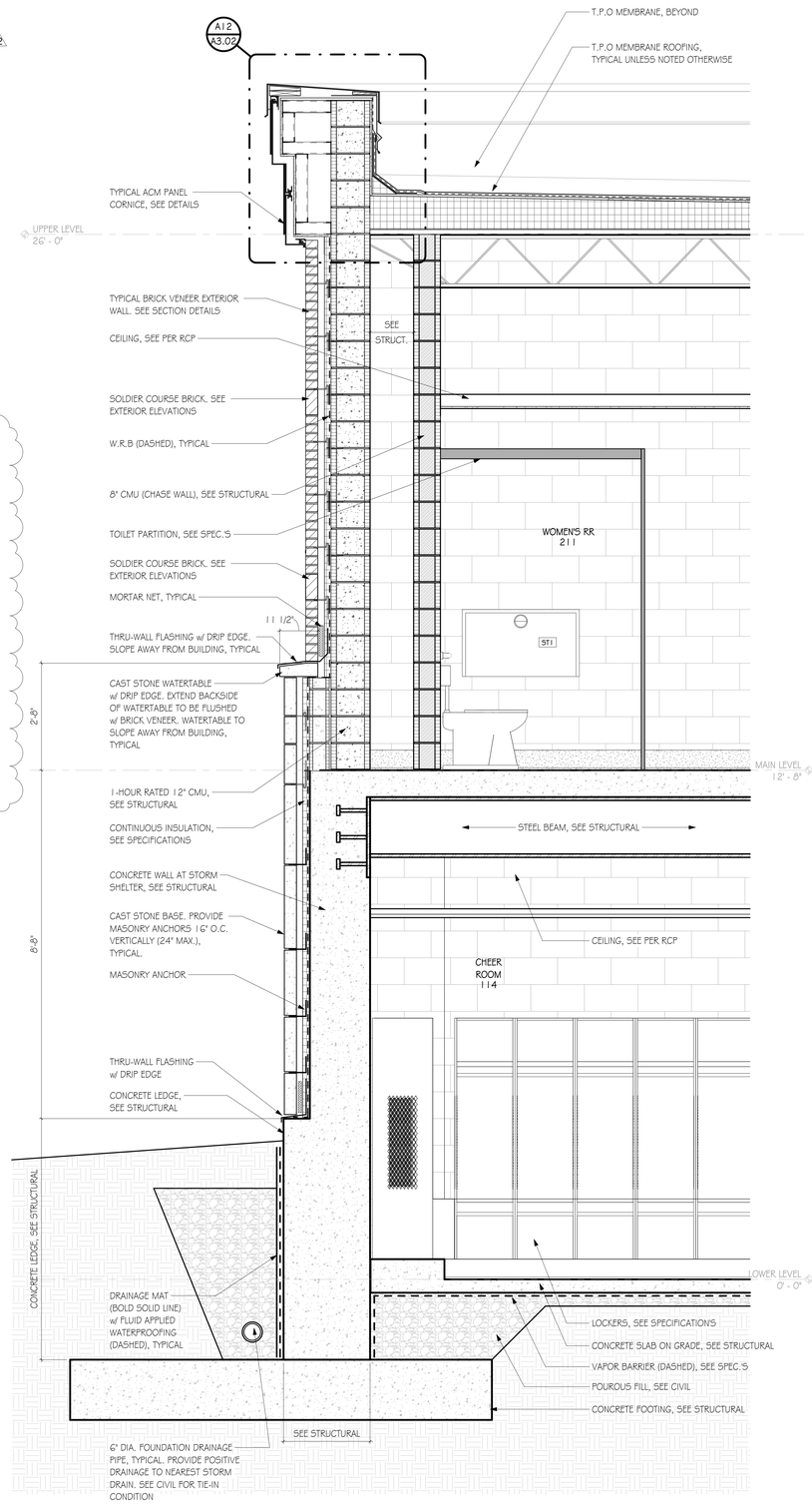


LOWER LEVEL - COVERED ENTRY & EXTERIOR STAIR

A6 SCALE: 3/4" = 1'-0"



STORM SHELTER - CAST STONE AT CHEER ROOM

A12 SCALE: 3/4" = 1'-0"

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ISSUE	DATE
DCM FINAL SUBMITTAL	11/4/24
2 ADDENDUM #2	12/12/24

DRAWN BY: Author
CHECKED BY: Checker

Jay W Purkey
9063
Owens Cross Roads, Alabama
STATE of ALABAMA
REGISTERED ARCHITECT

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
2014 5th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC AHUN230009

WALL SECTIONS

A5.14

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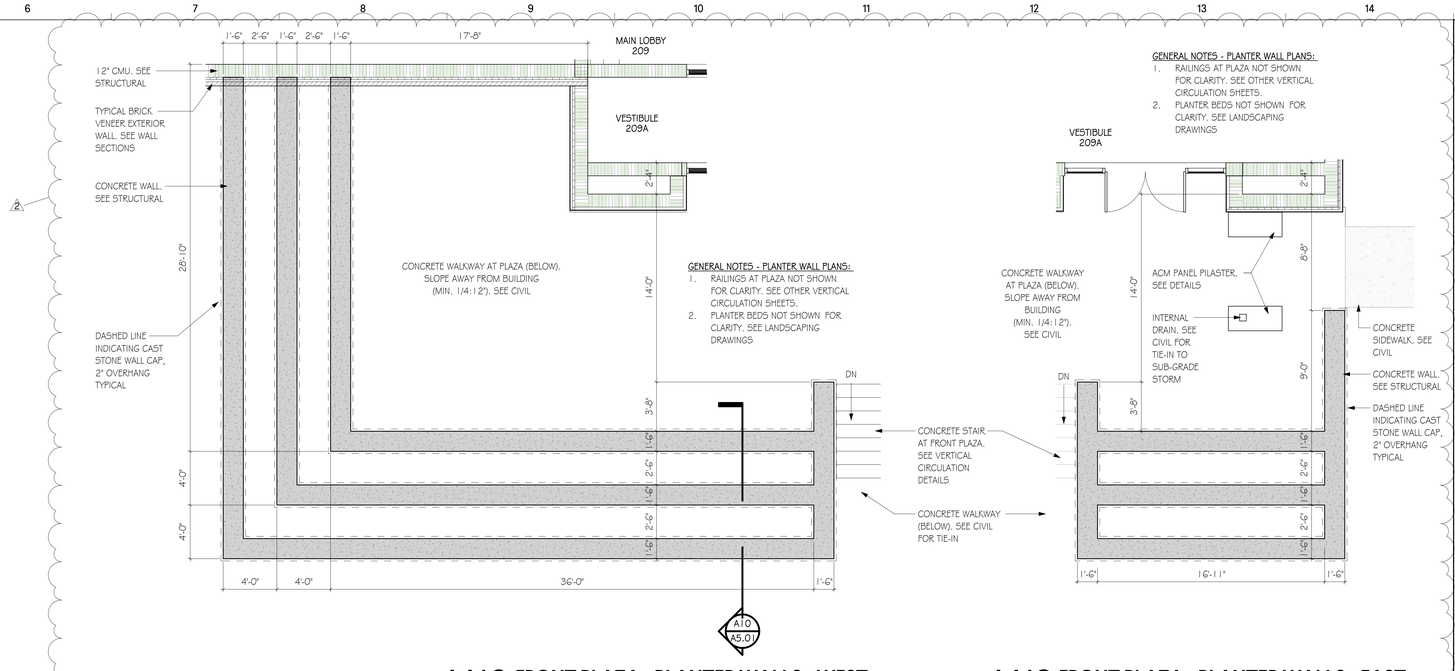
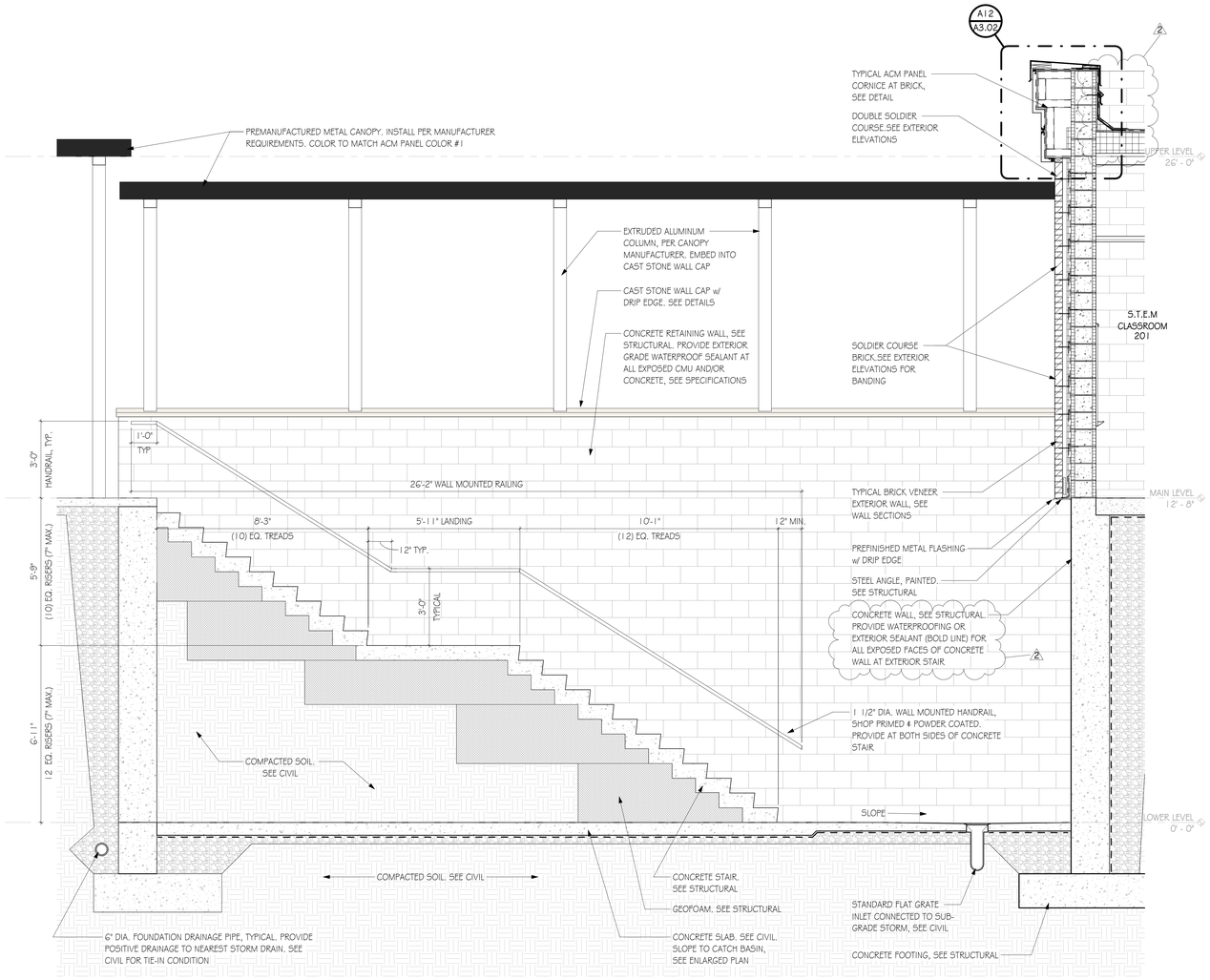
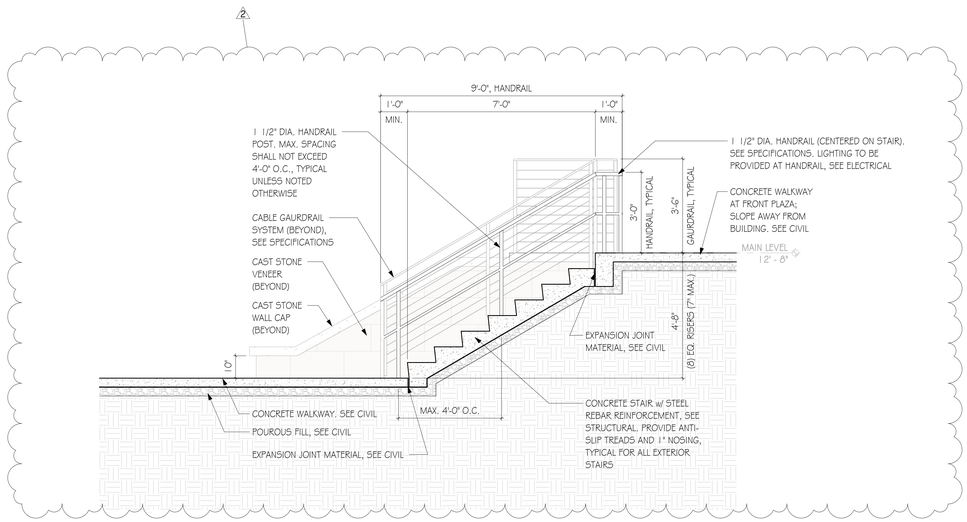


H10 FRONT PLAZA - PLANTER WALLS - WEST
SCALE: 1/4" = 1'-0"

H12 FRONT PLAZA - PLANTER WALLS - EAST
SCALE: 1/4" = 1'-0"



A5 EXTERIOR STAIR FROM LOWER LEVEL
SCALE: 1/2" = 1'-0"



D12 FRONT PLAZA EXTERIOR STAIR
SCALE: 1/2" = 1'-0"

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STATE of ALABAMA
Jay W Purkey
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Owens Cross Roads, Alabama
REGISTERED ARCHITECT

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC AHUN230009

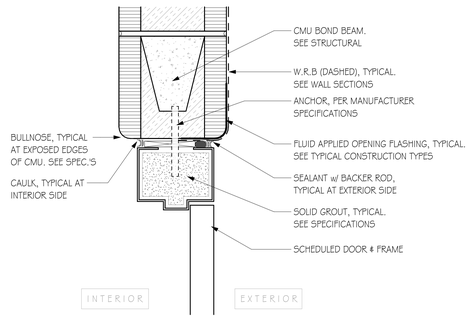
VERTICAL CIRCULATION

A5.33

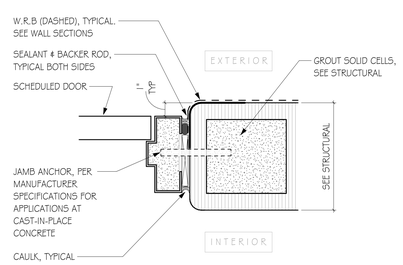
12/12/2024 3:13:31 PM TEMPLATE VERSION: 2022.1

DOOR SCHEDULE

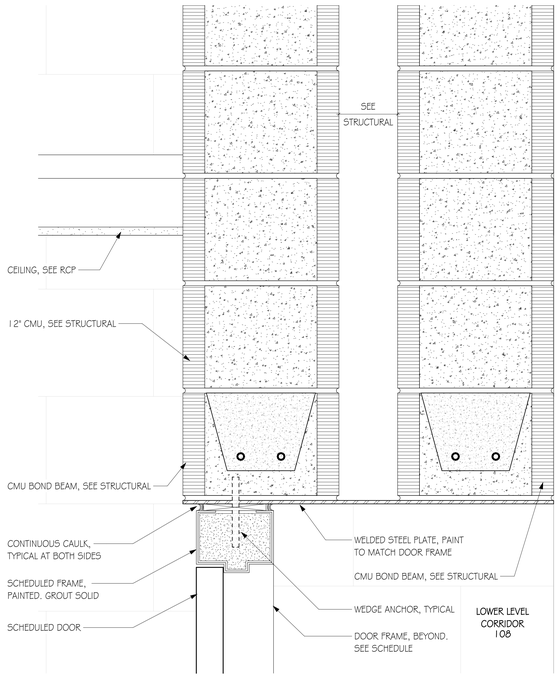
DOOR NUMBER	ROOM NAME	LOCATION	SIZE			DOOR			FRAME			HARDWARE				DETAILS				
													ELEC. COORD.							
								GLASS OR LOUVER TYPE			GLASS TYPE	HARDWARE SET NO.	HOLD OPEN	FIRE ALARM INTERFACE	ACCESS CONTROL	HEAD	JAMB	SILL	FIRE RATING	NUMBERED NOTES
		WIDTH	HT	THK	DOOR TYPE	MATERIAL		FRAME TYPE	MATL											
100	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 3.2							45 MIN	
101	REFEREE ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 12							45 MIN	
102	BOY'S VISITOR LOCKER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
103	TEAM ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
104	BOY'S HOME LOCKER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
105	BOY'S VARSITY COACH	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 12							45 MIN	
105A	RESTROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 17							45 MIN	
106	ELECTRICAL	6' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 7							45 MIN	
107	ELECTRICAL	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 10							45 MIN	
108	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 3.2							45 MIN	
109	STAIR	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	
110	LOWER LEVEL CORRIDOR	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
111	TRAINING ROOM	4' - 0"	7' - 0"	1 3/4"	FG	HM	G1	F13	HM			SET 13							45 MIN	
111B	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 18							45 MIN	
111E	NORTH CONCESSIONS	8' - 0"	4' - 0"	3/4"	RS							SET 19								
112	LOWER LEVEL CORRIDOR	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
112A	EQUIPMENT STORAGE	10' - 0"	8' - 0"	3/4"	RS							SET 19							45 MIN	FIRE RATED DOOR
113	WEIGHT ROOM	6' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 16							45 MIN	
114	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 20							90 MIN	F.E.M.A Rated Tornado Door
114B	CHEER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
114C	CHEER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 18							45 MIN	
115	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	
116	GYM	6' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 8							45 MIN	
117	LOWER LEVEL CORRIDOR	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 11							45 MIN	
118	GIRL'S VARSITY COACH	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 12							45 MIN	
118B	GIRL'S VARSITY COACH	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 17							45 MIN	
119	GIRL'S HOME LOCKER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
120	VOLLEYBALL LOCKER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
121	GIRL'S VISITOR LOCKER ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
122	RECEIVING	6' - 0"	7' - 0"	1 3/4"	FG2	WD	G4	F13	HM			SET 8							45 MIN	
123	FIRE RISER	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 4							45 MIN	
124	RECEIVING	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 3.1							45 MIN	
124A	RECEIVING	10' - 0"	10' - 0"	3/4"	RS							SET 19								FIRE RATED DOOR
125	STORAGE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
126	STORAGE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
127	INVERTER	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
200	MAIN LEVEL CONCOURSE	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 13							45 MIN	
201	MAIN LEVEL CONCOURSE	6' - 0"	8' - 4"	1 3/4"	FG	HM	G1	F13	HM			SET 2							45 MIN	
202	MAIN LEVEL CONCOURSE	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 13							45 MIN	
203	MAIN LEVEL CONCOURSE	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 5							45 MIN	
204	NAIL SPA	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 5							45 MIN	
205	ELECTRICAL	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 10							45 MIN	
206	MAIN LEVEL CONCOURSE	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
207	JANITOR	3' - 0"	7' - 0"	1 3/4"	FG2	WD	G1	F1	HM			SET 9							45 MIN	
208A	VESTIBULE	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.1							45 MIN	
208B	VESTIBULE	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.1							45 MIN	
208D	VESTIBULE	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.1							45 MIN	
208E	MAIN LOBBY	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.2							45 MIN	
208F	MAIN LOBBY	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.2							45 MIN	
208G	MAIN LOBBY	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.2							45 MIN	
209	STAIR	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	
210	MAIN LEVEL CONCOURSE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 12							45 MIN	
210A	CONCESSIONS	11' - 0"	6' - 0"	3/4"	RS							SET 19								
212	FAMILY RR	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 17							45 MIN	
213	STAIR	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	
214	STORAGE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
215	MAIN LEVEL CONCOURSE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 12							45 MIN	
216	MAIN LEVEL CONCOURSE	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.1							45 MIN	
217	MAIN LEVEL CONCOURSE	6' - 0"	8' - 6"	1 3/4"	FG	AL/GL	G1	SF/CW	AL			SET 1.1							45 MIN	
218	MAIN LEVEL CONCOURSE	4' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 9							45 MIN	
218C	REFEREE ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 17							45 MIN	
219	COSMETOLOGY LAUNDRY/STORAGE	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 18							45 MIN	
300	FOUNDERS ROOM	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
301	STAIR	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	
304	CATERING	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 14							45 MIN	
305	MEN'S	3' - 0"	7' - 0"	1 3/4"	F	HM		F13	HM			SET 13							45 MIN	
306	FOUNDERS ROOM	3' - 0"	7' - 0"	1 3/4"	N4	WD	G4	F13	HM			SET 6							45 MIN	



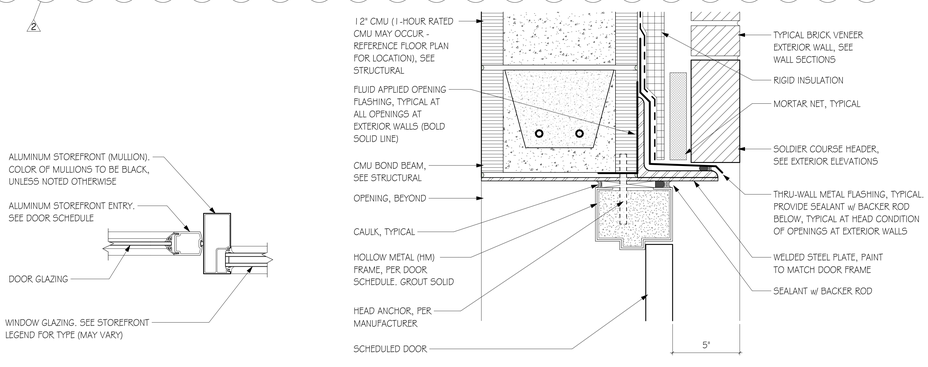
J7 HEAD - HM AT CMU
SCALE: 3" = 1'-0"



F7 JAMB - HM DOOR AT CMU
SCALE: 3" = 1'-0"

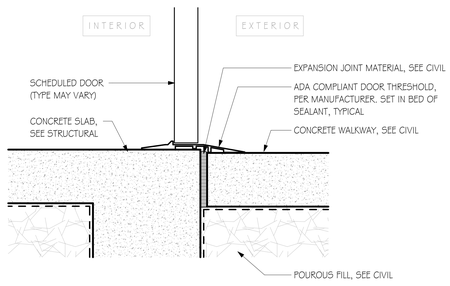


F12 HEAD - HM DOOR AT SHELTER
SCALE: 3" = 1'-0"

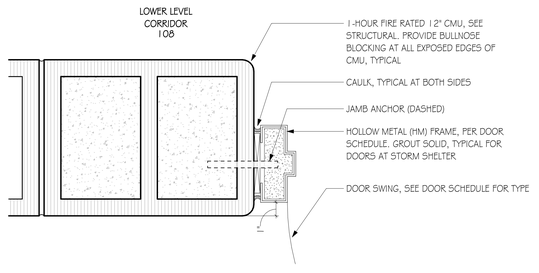


D1 JAMB - STOREFRONT DOOR
SCALE: 3" = 1'-0"

D4 HEAD - EXTERIOR DOOR AT BRICK
SCALE: 3" = 1'-0"

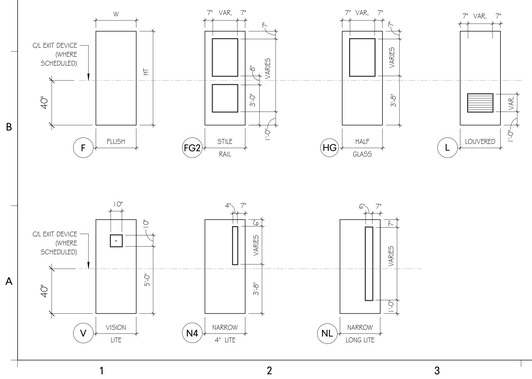


D7 THRESHOLD - EXTERIOR HM DOOR AT SLAB
SCALE: 3" = 1'-0"

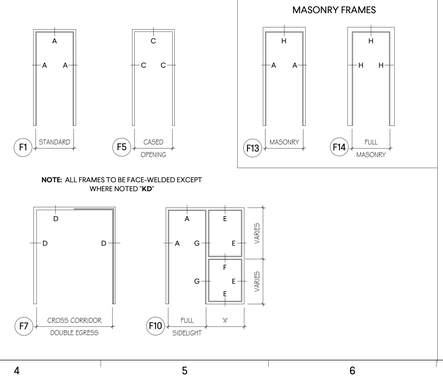


D12 JAMB - HM DOOR AT SHELTER
SCALE: 3" = 1'-0"

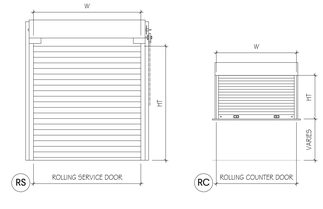
DOOR TYPES

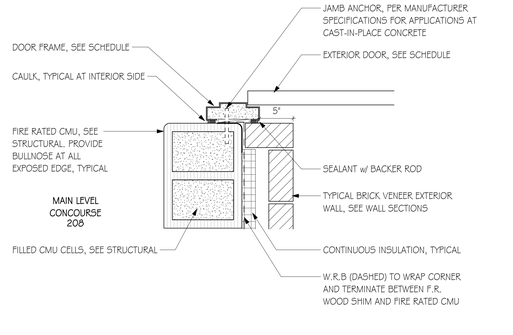


FRAME TYPES



SPECIALTY DOOR TYPES





A12 JAMB - EXTERIOR DOOR AT BRICK
SCALE: 1 1/2" = 1'-0"

DOOR NUMBERED NOTES

01 MAGNETIC HOLD-OPEN DEVICES
02 AUTOMATIC DOOR OPERATOR, SEE SPECIFICATION 08 7100
03 AUTOMATIC ENTRANCE DOORS, SEE SPECIFICATIONS
04 ALUMINUM-FRAMED ENTRANCE DOORS, SEE SPECIFICATIONS
05 ALL-GLASS ENTRANCE DOORS, SEE SPECIFICATIONS
06 ALUMINUM-FRAMED ICU/CCU DOOR, SEE SPECIFICATIONS
07 SLIDING ICU/CCU DOOR, SEE SPECIFICATIONS
08 SLIDING EXAM ROOM DOOR, SEE SPECIFICATIONS
09 OVERHEAD COILING DOOR, SEE SPECIFICATIONS
10 OVERHEAD COILING GRILLE, SEE SPECIFICATIONS
11 LEAD-LINED DOOR AND FRAME, SEE SPECIFICATIONS 08 1416 & 13 4900
12 RF DOOR TO BE PROVIDED COMPLETE WITH HARDWARE BY RF SHIELDING VENDOR
13 INTEGRAL BLINDS BETWEEN 2 PANES ULTRACLEAR GLASS (UPPER LITES ONLY)
14 PROVIDE OPAQUE FILM AT DOOR GLAZING
15 THERMAL RATED (INSULATED) ASSEMBLY
16 SOUND RATED DOOR ASSEMBLY. MATCH RATING OF PARTITION IN WHICH LOCATED
17 DOOR EDGE CONSTRUCTION: SEAMLESS
18 LEVEL 3 AND PHYSICAL PERFORMANCE LEVEL A (EXTRA HEAVY-DUTY)
19 EGRESS - EXIT ONLY DOOR
20 MECHANICAL KEYPAD LOCK. SEE SPECIFICATION 08 7100
21 STORM SHELTER DOOR
22 PROVIDE SMOKE SEALS AND POSITIVE LATCHING
23 PROVIDE POSITIVE LATCHING & LOCKSET. SEE HARDWARE SCHEDULE FOR FUNCTION
24 PROVIDE OVERALL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 36" MIN.
25 PROVIDE OVERALL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 42" MIN.
26 PROVIDE OVERALL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 46" MIN.
27 PROVIDE OVERAL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 48" MIN.
28 PROVIDE OVERALL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 60" MIN.
29 PROVIDE OVERALL DOOR WIDTH AS REQ'D FOR CLEAR DOOR OPNG TO BE 72" MIN.

DOOR GENERAL NOTES

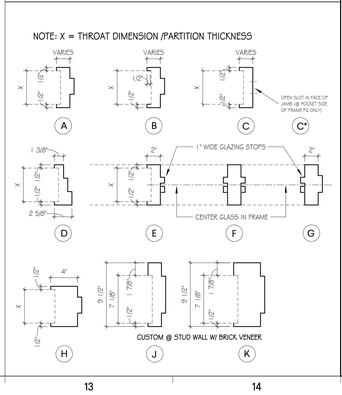
- ALL DOORS IN FIRE RATED WALLS TO RECEIEVE FIRE RATED HARDWARE AND CLOSERS, TYPICAL.

- ALL EGRESS DOORS TO RECEIVE PANIC HARDWARE AND CLOSERS, TYPICAL

1) GENERAL:
A. DOOR AND/OR FRAME CONSTRUCTION SHALL BE AS SPECIFIED UNLESS NOTED OTHERWISE.
B. ALL TYPES OF DOORS ARE REPRESENTED IN THIS SCHEDULE FOR CONVENIENCE. WHERE MORE DESCRIPTIVE INFORMATION MAY BE LOCATED ELSEWHERE, NOTATION IS MADE IN THE NUMBERED NOTES COLUMN. (E.G. ALUMINUM FRAMED ENTRANCE DOORS. SEE SPECIFICATIONS)
2) MATERIAL AND FINISH:
A. MATERIALS AND FINISHES INDICATED ON THE SCHEDULE ARE AS FOLLOWS:
HM HOLLOW METAL
ST STEEL
ST/S STEEL / STAINLESS OR STAINLESS CLAD
WD SOLID CORE WOOD
WD/PL WOOD / PLASTIC LAMINATE FACED
WD/IR WOOD / IMPACT-RESISTANT VINYL-FACED
AL ALUMINUM
GL GLAZING/GLASS
PREFIN PREFINISHED (OR FACTORY FINISHED)
PNT PAINTED
STN STAINED
3) GLASS:
A. GLASS TYPES INDICATED ON THE SCHEDULE ARE AS FOLLOWS (SEE SPECIFICATION SECTIONS 08 8000 "GLAZING" & 13 4900 "RADIATION PROTECTION"):
MONOLITHIC:
G1 6.0mm CLEAR, TEMPERED
G2 7.5mm CLEAR, LAMINATED, INTERLAYER COLOR: CLEAR
G3 7.5mm CLEAR, LAMINATED, INTERLAYER COLOR: ARCTIC SNOW
G4 6.0mm CLEAR, FIRE-RATED CERAMIC GLAZING, MATCH RATING OF OPNG.
G5 4.0mm(x2) ULTRACLEAR, TEMPERED, 2 LITES + INTEGRAL BLINDS
G6 12.5mm SAFETY, LEAD BORATE GLASS, SEE SPECIFICATIONS
G7 12.5mm SAFETY, LASER RATED, SEE SPECIFICATIONS
INSULATING:
IG1 1 INCH INSULATING, VISION LITE
IG2 1 INCH INSULATING, SPANDREL LITE
4) LOUVERS:
A. DOOR LOUVER TYPES INDICATION ON THE SCHEDULE ARE AS FOLLOWS:
L1 A" W X B" H, SIGHT PROOF, WEATHER RESISTANT, WITH INSECT SCREEN
L2 A" W X B" H, LIGHT PROOF
5) DOOR HARDWARE:
A. "HARDWARE SET NUMBER" REFERS TO HARDWARE SETS SPECIFIED IN SPECIFICATION SECTION 08 7100 "DOOR HARDWARE".

FRAME PROFILES

NOTE: X = THROAT DIMENSION /PARTITION THICKNESS



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ISSUE	DATE
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1 ADDENDUM #1	12.6.24
2 ADDENDUM #2	12.12.24

DRAWN BY: DC
CHECKED BY: JP

STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads, Alabama
REGISTERED ARCHITECT

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE.
FORT PAYNE, AL 35967

DCM # 20240548
GMC AHUN230009

DOOR SCHEDULE, LEGEND, & NOTES

A6.01

12/11/2024 10:43:02 AM TEMPLATE VERSION: 2022.1

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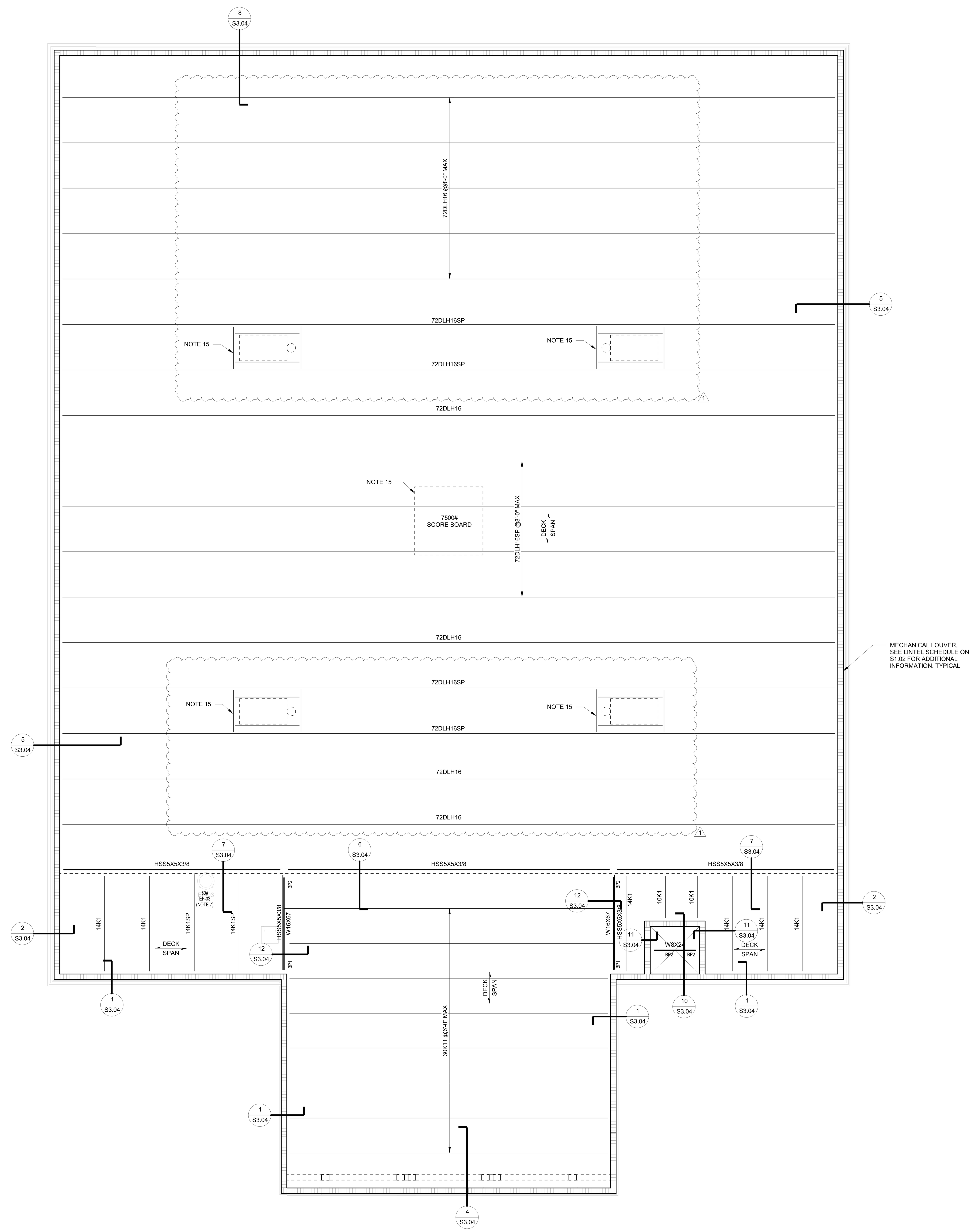
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5280
Job Number 24-050



PROJECT NORTH

ROOF FRAMING PLAN

1/8" = 1'-0"

1. JOIST BERING 26'-0" ABOVE MAIN LEVEL FINISHED FLOOR. ROOF SLOPES ARE ACHIEVED WITH TAPERED INSULATION.
2. ROOF SYSTEM: 3" DEEP, 20 GAGE, GALVANIZED STEEL DECK ON STEEL JOISTS. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
   ELEVATOR ROOF SYSTEM: 1 1/2" DEEP, 20 GAGE, GALVANIZED STEEL DECK. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
3. TOP OF STEEL IS EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
4. BEAMS PARALLEL TO JOISTS ARE 5" HIGHER THAN SUPPORTING MEMBERS.
5. SPACE STEEL JOISTS EQUALLY BETWEEN BEAMS OR COLUMN LINES, UNLESS NOTED.
6. AT JOISTS DESIGNATED "KSP", JOIST MANUFACTURER SHALL DESIGN JOISTS AND JOIST GIRDERS FOR 25 PSF DEAD LOAD AND 20 PSF LIVE LOADS PLUS ANY ADDITIONAL LOADS SHOWN ON PLANS OR PLAN NOTES.
7. GENERAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF STEEL ANGLES IN ROOF EQUIPMENT FRAME DETAIL WITH HVAC SUPPORT CURB SHOP DRAWINGS PRIOR TO FABRICATION OF STEEL. SEE S1.02 FOR MECHANICAL UNIT FRAMING.
8. HANGER LOCATIONS FOR PIPING LARGER THAN 3 INCHES IN DIAMETER MUST BE COORDINATED BY GENERAL CONTRACTOR WITH THE JOIST MANUFACTURER. FOR PIPING WEIGHTS SEE TABLE ON SHEET S1.02.
9. PROVIDE 5" JOIST SEAT DEPTHS TYPICAL.
10. JOIST MANUFACTURER NOTE: ALL LH JOIST AND 30K11 JOISTS TO HAVE THE SAME WEB CONFIGURATION SO THE MECHANICAL SUB CONTRACTOR CAN LOCATE THE DUCT BRACHES IN WEB SPACES TO WHERE THEY LINE UP ALL THE WAY ACROSS THE ROOM.
11. EQUIPMENT LOCATIONS AND WEIGHTS SHOWN ARE APPROXIMATE. THE GENERA L CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, WEIGHT AND LOCATION OF ALL MECHANICAL UNITS AND AV EQUIPMENT WITH THE JOIST MANUFACTURER. DO NOT SCALE FROM THIS DRAWING.
12. ROOF HATCH, FOR LOCATION AND HATCH DETAILS, SEE ARCHITECTURAL DRAWINGS. FOR FRAMING, SEE ROOF EQUIPMENT FRAME DETAIL ON SHEET S1.02.
13. JOIST MANUFACTURER PROVIDE HORIZONTAL BRIDGING WHERE MECHANICAL DUCT IS LOCATED BETWEEN JOISTS TO ALLOW CLEARANCE FOR DUCT RUNS IN SPACE BETWEEN JOISTS.
14. 'BPx' INDICATES BEAM BEARING PLATE, SEE DETAILS ON S1.03 FOR ADDITIONAL INFORMATION.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF BASKETBALL GOAL AND SCORE BOARD SUPPORTS AND THEIR ATTACHMENT TO THE ROOF STRUCTURE. SUBMIT SHOP DRAWINGS SHOWING DETAILING OF GOAL AND SCOREBOARD SUPPORTS AND ATTACHMENT TO THE ROOF STRUCTURE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL DRAWINGS. COORDINATE LOADS WITH METAL JOIST MANUFACTURER.

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1 ADDENDUM #2	12.12.24

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CHECKED BY: TPF

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC # AHUN230009

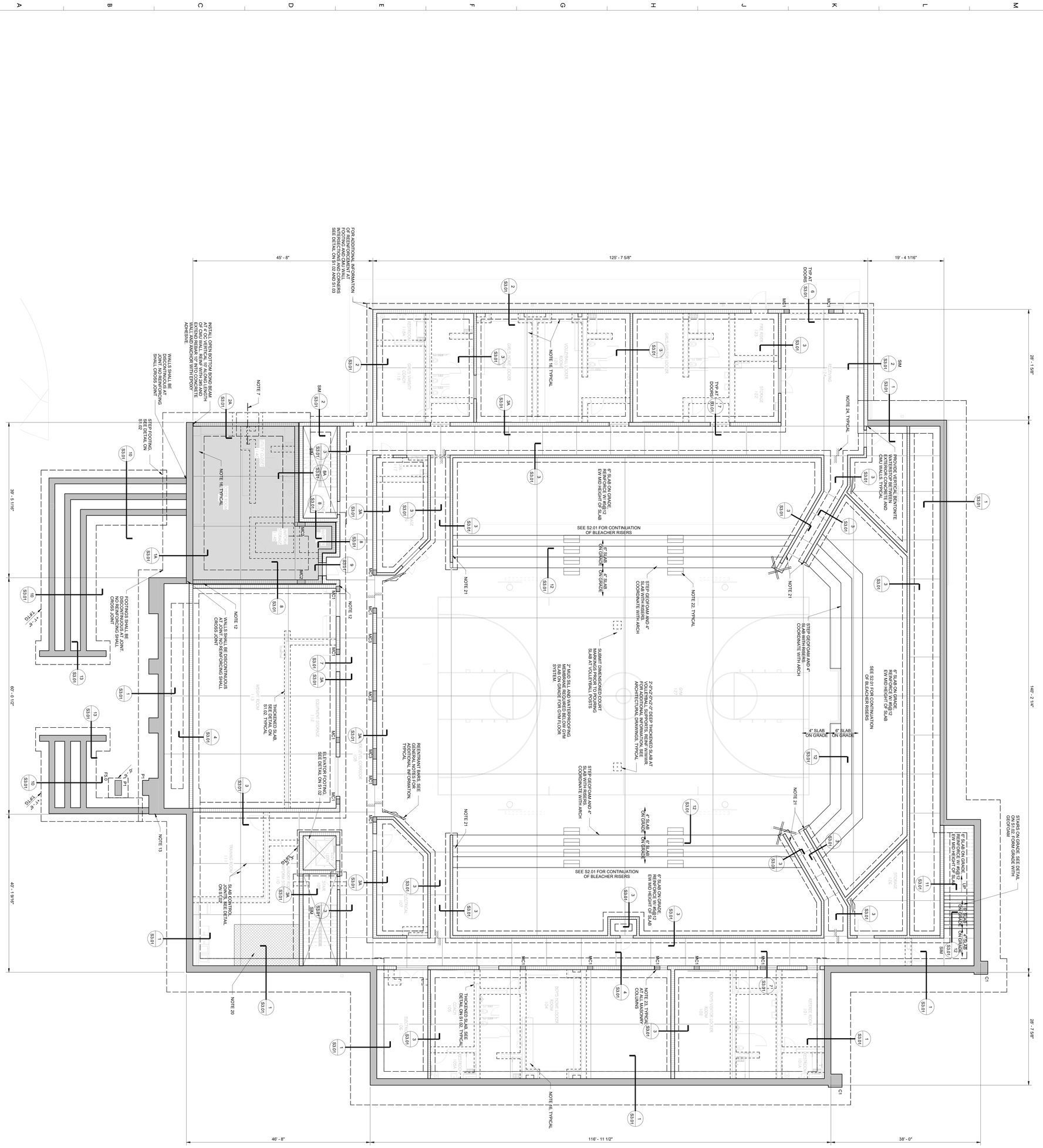
ALABAMA REGISTERED PROFESSIONAL ENGINEER No. 22596 H. CRAIG WINN
H. Craig Winn P.E.
12-12-2024

ROOF FRAMING PLAN

S2.03

12/12/2024 5:02:28 PM TEMPLATE VERSION: 2022.1

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5280
Job Number **24-050**



PROJECT NORTH

FOUNDATION PLAN

1/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 958.5' (DATUM), UNLESS NOTED.
2. TOP OF FOOTING ELEVATION -2'-0", UNLESS NOTED.
3. FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES AND TYPICAL DETAILS.
4. FOR SLAB RECESS AND RAMP LOCATIONS, SEE ARCHITECTURAL DRAWINGS. SEE DETAIL ON S1.02 FOR ADDITIONAL INFORMATION
5. GENERAL CONTRACTOR SHALL COORDINATE TILE JOINT LOCATIONS WITH CONTROL JOINTS.
6. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL CMU WALLS. NOTE ALL EXTERIOR PLAN DIMENSIONS ARE TO EXTERIOR FACE OF CMU AND RETAINING WALLS ABOVE WATERTABLE.
7. GENERAL CONTRACTOR SHALL COORDINATE ALL FOOTING STEPS WITH CIVIL, PLUMBING AND UTILITY DRAWINGS. FOR FOOTING STEP AT UTILITIES, SEE DETAIL ON S1.2.
8. FOOTING WIDTHS INDICATED ON PLAN MAY NOT BE TO SCALE. COORDINATE WITH SECTION CUTS FOR FOOTING WIDTHS AND ADDITIONAL INFORMATION.
9. FOR PAVEMENT AND HARDSCAPE INFORMATION, SEE ARCHITECTURAL DRAWINGS AND CIVIL DRAWINGS.
10. CONTRACTOR SHALL COORDINATE EMBEDS INTO MASONRY WITH LOUVER OR DOOR MANUFACTURER. PROVIDE MODIFICATIONS TO STRUCTURE AS REQUIRED TO FULLY COMPLY WITH MANUFACTURER INSTALLATION DETAILS. SUBMIT ANY MODIFICATIONS TO DESIGN TEAM FOR REVIEW.
11. THE ▨ HATCHED/SHADED AREA ON THE PLAN INDICATES AREA TO BE USED AS STORM SHELTER. FOR ADDITIONAL INFORMATION, SEE GENERAL NOTES, PLANS AND SECTIONS.
12. VERTICAL DOWELS AT INDICATED LOCATIONS ARE TO ONLY EXTEND ABOVE TOP OF FOOTING ELEVATIONS BY 1'-0". LAP DOWELS 1'-0" INTO WALL OR MASONRY COLUMN. PROVIDE DECREASED LAP LENGTH WHEN DOWELING NON-STORM SHELTER WALLS OR MASONRY COLUMNS TO STORM SHELTER WALL FOOTINGS.
13. BACKFILL EACH SIDE OF WALL SIMULTANEOUSLY.
14. "MC" INDICATES MASONRY COLUMN. SEE SHEET S1.3 FOR ADDITIONAL INFORMATION.
15. CONTRACTOR NOTE: DO NOT PROVIDE MASONRY CONTROL JOINTS IN STORM SHELTER CMU WALLS.
16. REINFORCE LOCKER CURB WITH #4@12 EW MID HEIGHT OF CURB. SEE ARCHITECTURAL DRAWINGS FOR EXTENTS AND HEIGHT OF CURB.
17. C1 INDICATES 36"x36" COLUMN, REINFORCE W/ 15#6 VERTICALS AND #3 TIES @12. DOWEL VERTICALS INTO FOUNDATION. HOOK VERTICALS INTO GRADE BEAM AT TOP OF COLUMN. SEE COLUMN TIE DETAIL ON S1.02 FOR ADDITIONAL INFORMATION.
18. F5.0 INDICATES 5'-0"x5'-0"x1'-0" SPREAD FOOTING. REINFORCE WITH 5#5 T&B.
19. P1 INDICATES 20"x46" PEDESTAL. EXTEND TO GROUND LEVEL AND REINFORCE WITH 10#6 VERTICALS AND #3 TIES @12 DOWEL VERTICALS INTO FOUNDATION.
20. 8" THICK SLAB ON GRADE, REINFORCE W/ #5@12 EW MID HEIGHT OF SLAB. CONTRACTOR SHALL COORDINATE WITH HIGH DENSITY STORAGE SUPPLIER FOR STEEL EMBED RAILS INTO SLAB.
21. CONTRACTOR SHALL COORDINATE EXACT WALL LOCATION WITH ARCHITECTURAL AND BLEACHER SUPPLIER.
22. DRILL & EPOXY #4 VERTICAL BARS @24" O.C. (MAX.) 2-1/2" INTO SLAB AND EXTEND UP TO 1-1/2" BELOW T/STEP ALONG FRONT, INTERMEDIATE, & BACK LONG SIDES OF STEPS. PROVIDE 2#4 CONT. BARS (T&B) ALONG LONG SIDES OF STEPS. INSTALL VERTS. WITH 2" CLEAR AND CONT. BARS WITH 1-1/2" CLEAR. ROUGHEN SLAB SURFACE BENEATH STEP AS NEEDED AND APPLY CONCRETE BONDING AGENT (PER MANUFACTURER'S WRITTEN INSTRUCTIONS).
23. WHERE WINDOW OR OPENING OCCURS AT MASONRY COLUMN, BREAK AND CONTINUE COLUMN ABOVE MASONRY LINTEL.
24. DEPRESS SLAB 1 3/4" ENTIRE GYM WOOD FLOOR . SEE DETAIL ON S1.02 FOR ADDITIONAL INFORMATION.
25. SITE RETAINING WALLS INDICATED ON CIVIL CONTRACT DRAWINGS. SEE S3.05 FOR SITE RETAINING WALL DETAILS AND SCHEDULE.

1

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GMC

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1	ADDENDUM #2	12.12.24
	DRAWN BY:	SPH
	CHECKED BY:	TPF

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

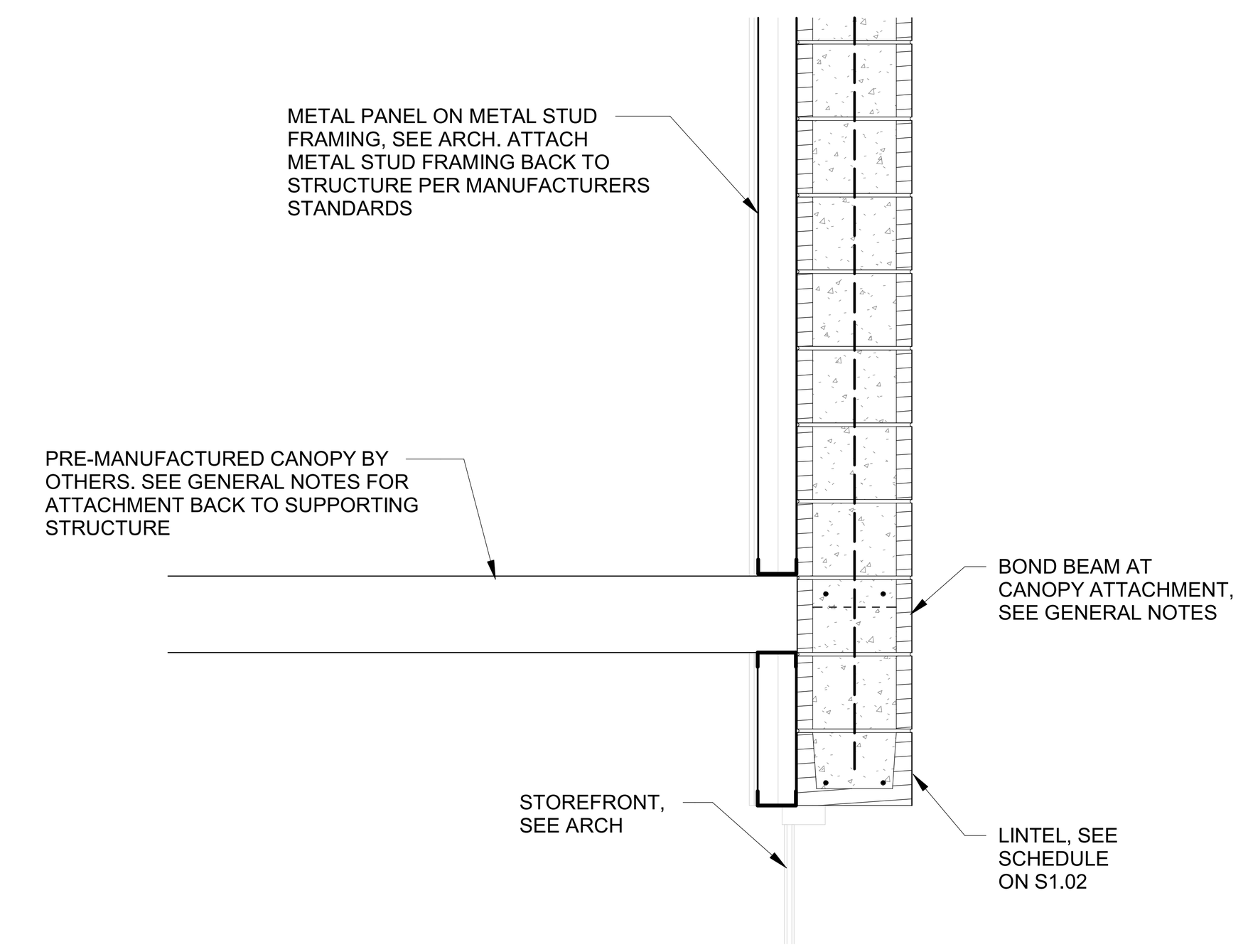
DCM # 20240548
GMC # AHUN230009

H. Craig Winn, P.E.
No. 22596
H. CRAIG WINN
12-12-2024

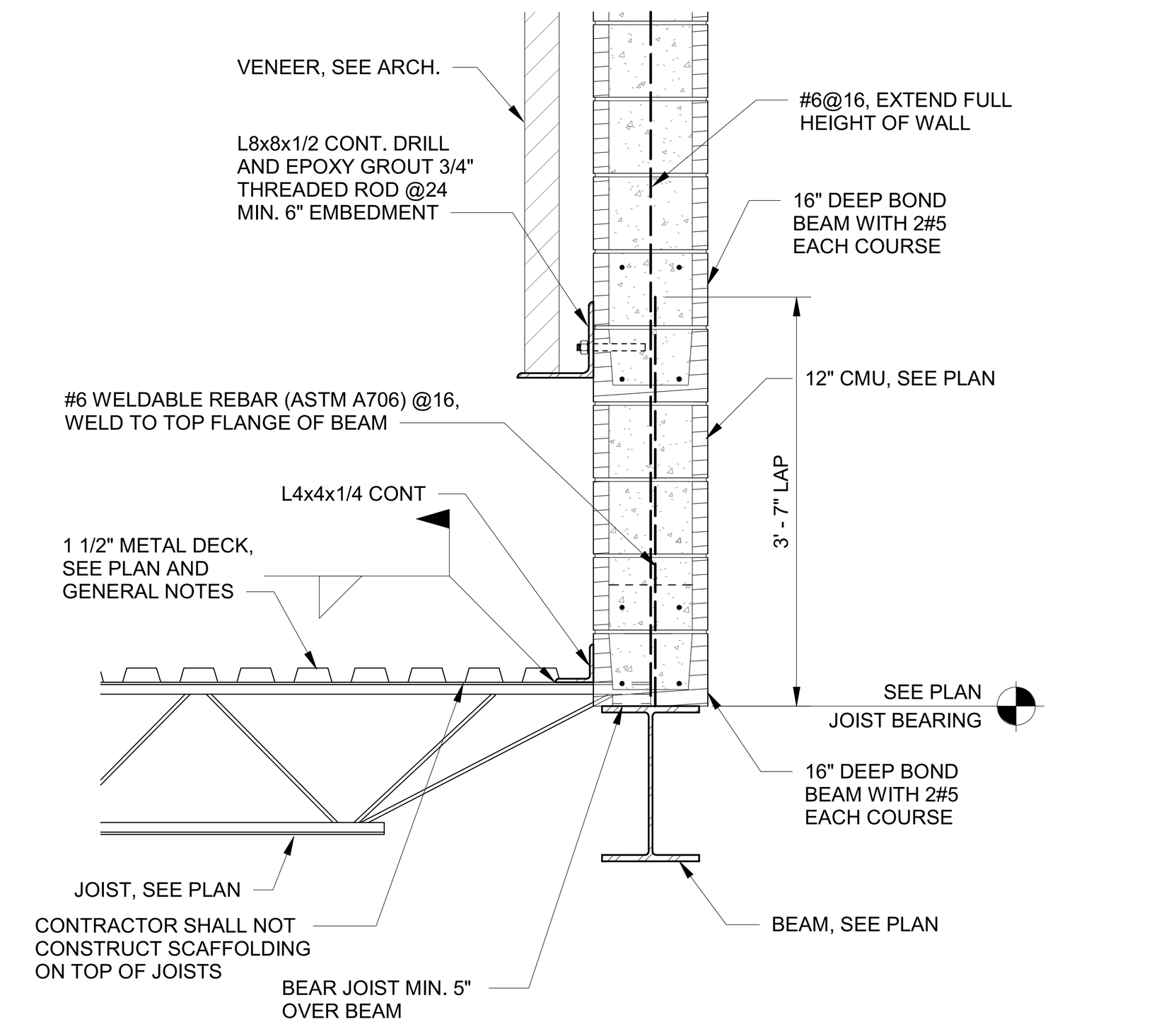
FOUNDATION PLAN

S2.00

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5280
Job Number 24-050

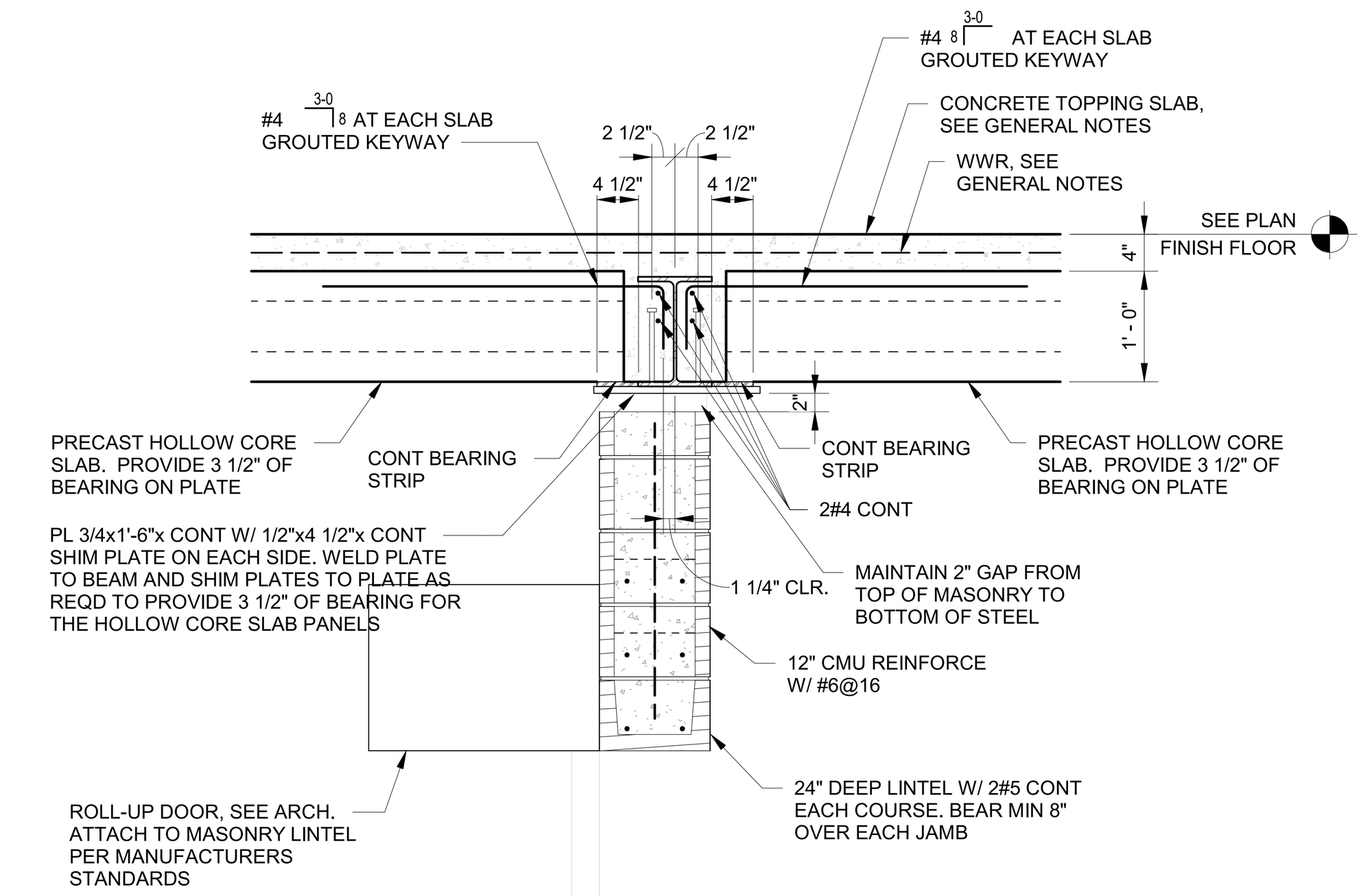


SECTION 1 S3.05
3/4" = 1'-0"



SECTION 2 S3.05
3/4" = 1'-0"

NOTE:
WHERE METAL SUD AND PANEL EXTERIOR FINISH IS PRESENT OMIT VENEER AND L6x8 SHELF ANGLE, ATTACH STUD AND METAL PANEL TO CMU PER MANUFACTURERS STANDARDS.



SECTION 3 S3.05
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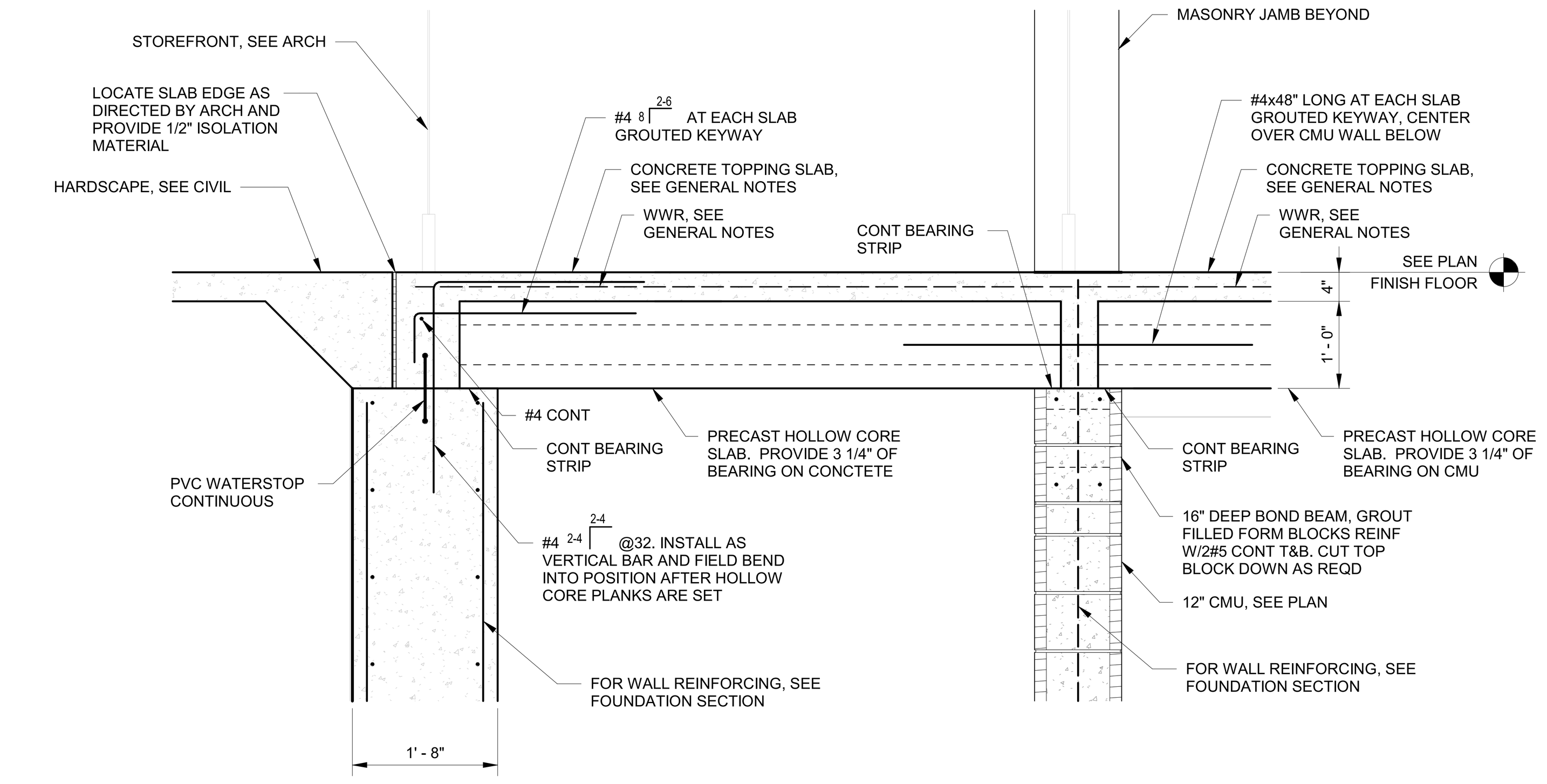
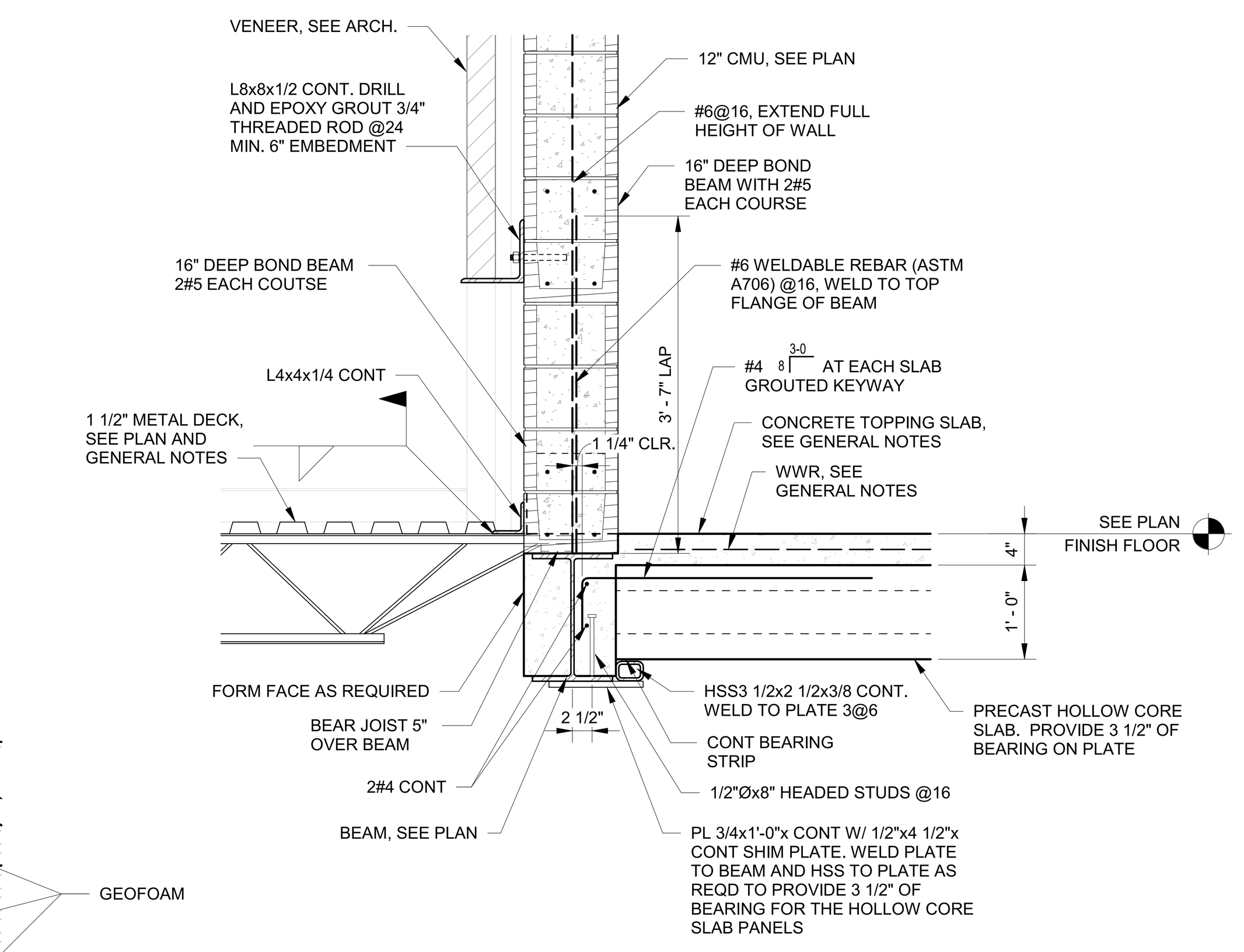
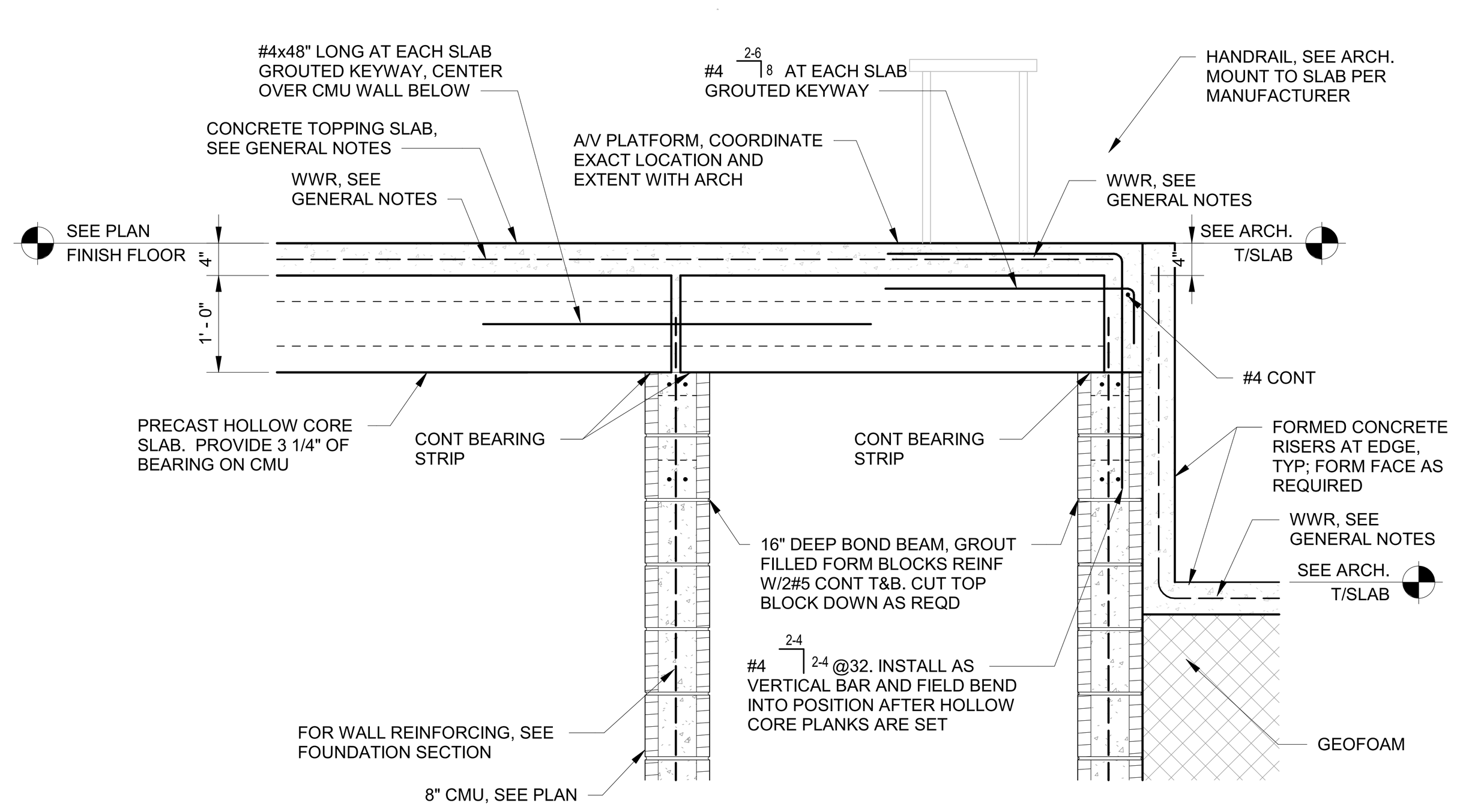


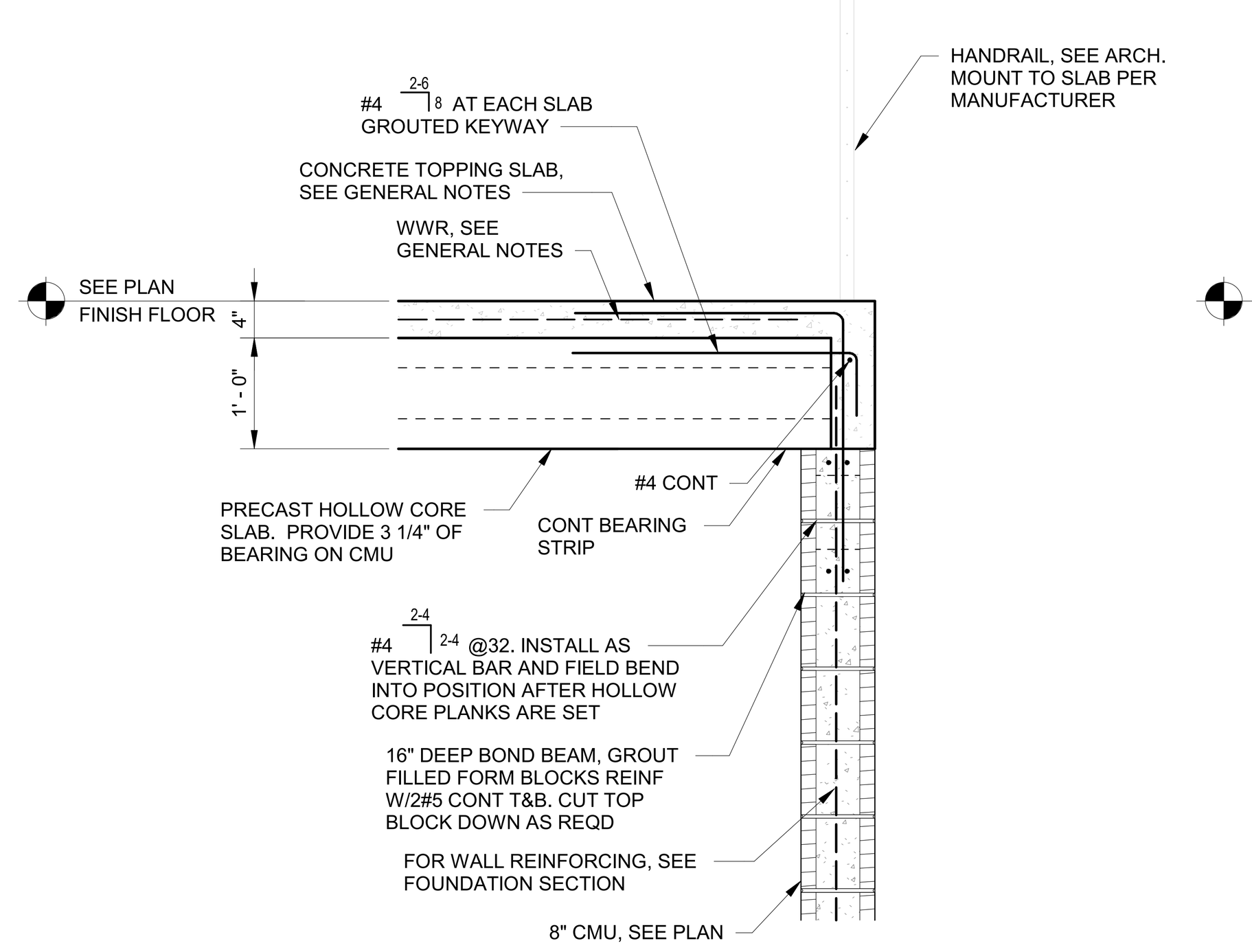
SECTION 4 S3.05
3/4" = 1'-0"



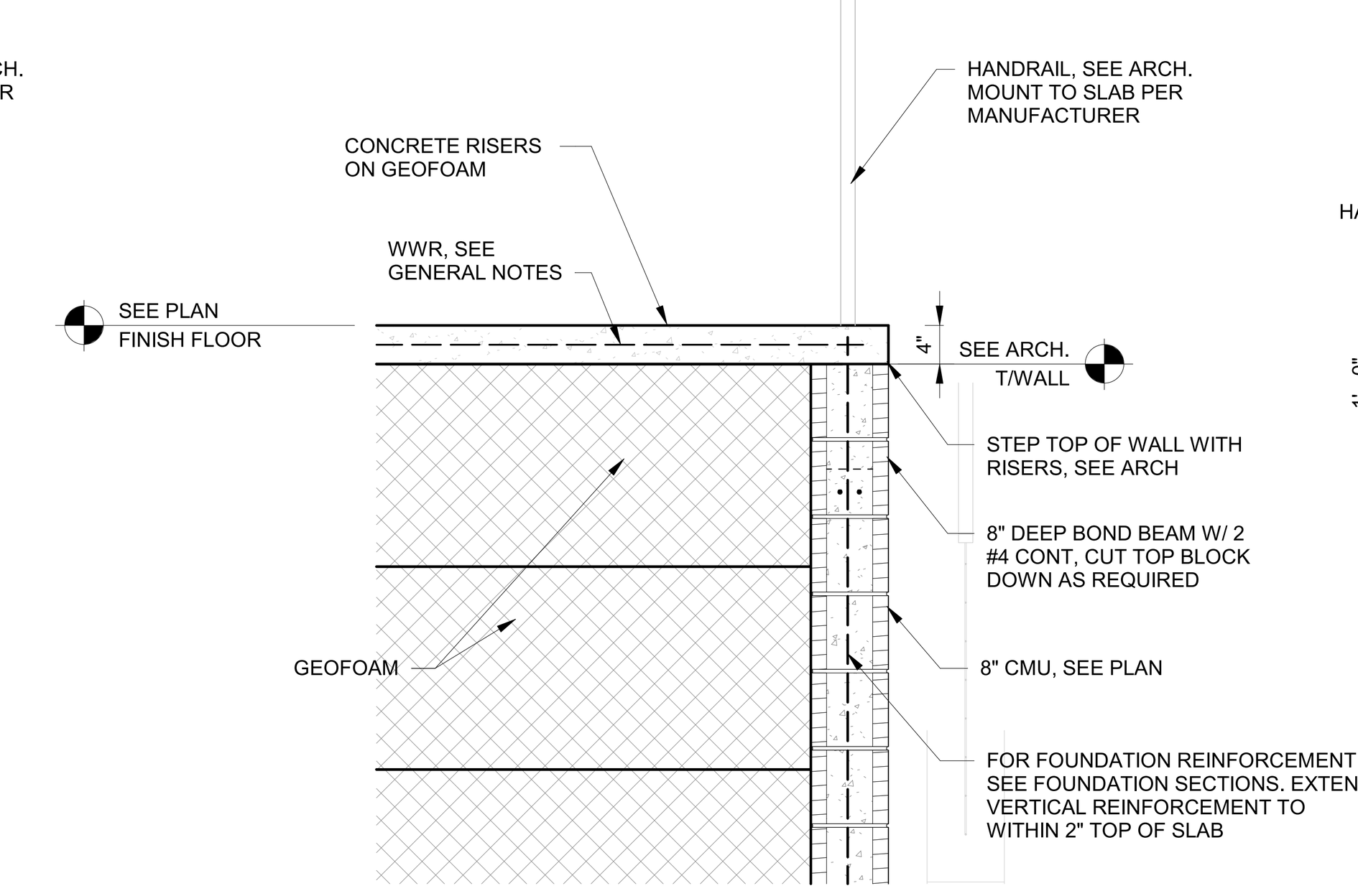
SECTION 9 S3.05
3/4" = 1'-0"



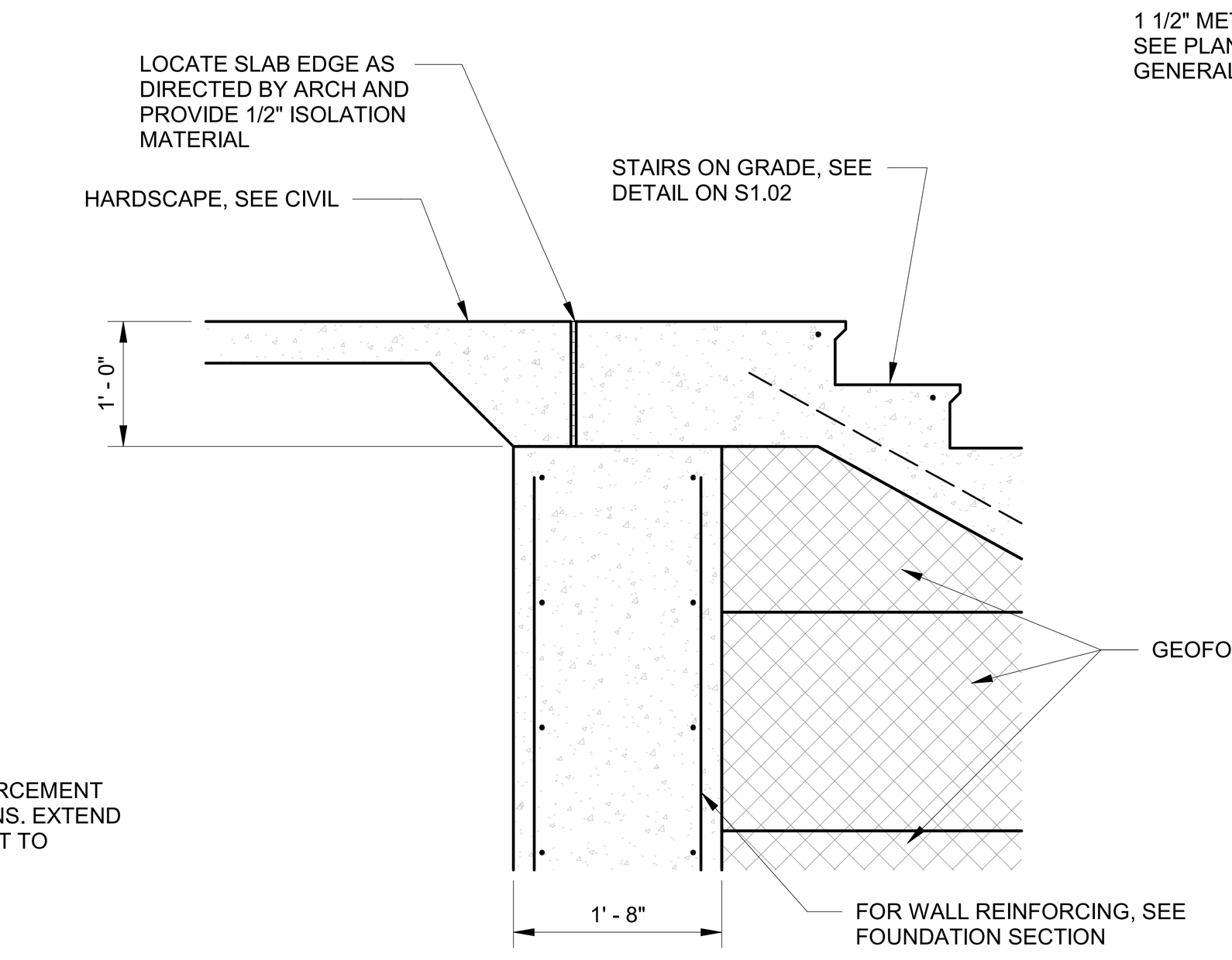
SECTION 5 S3.05
3/4" = 1'-0"



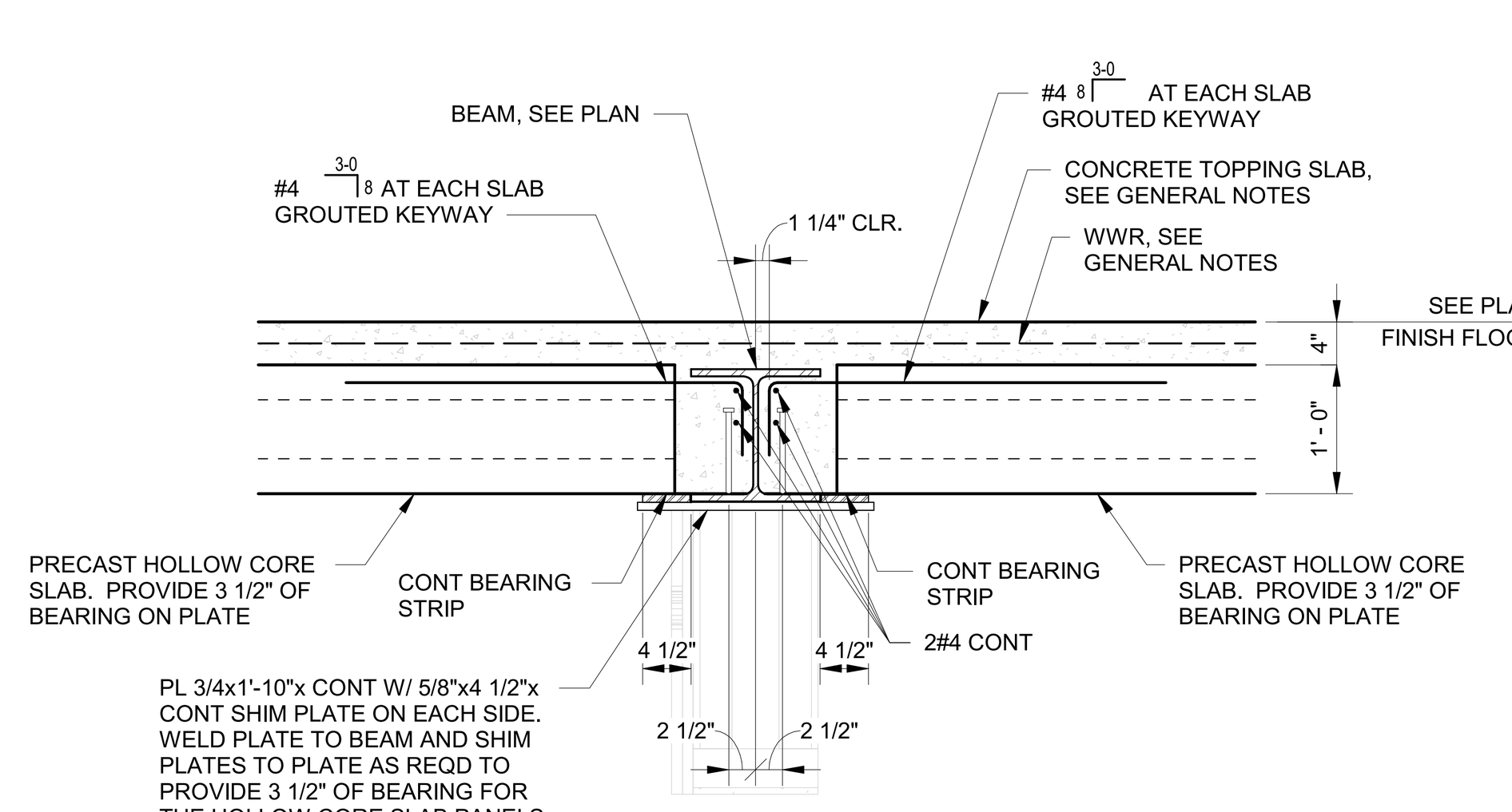
SECTION 6 S3.05
3/4" = 1'-0"



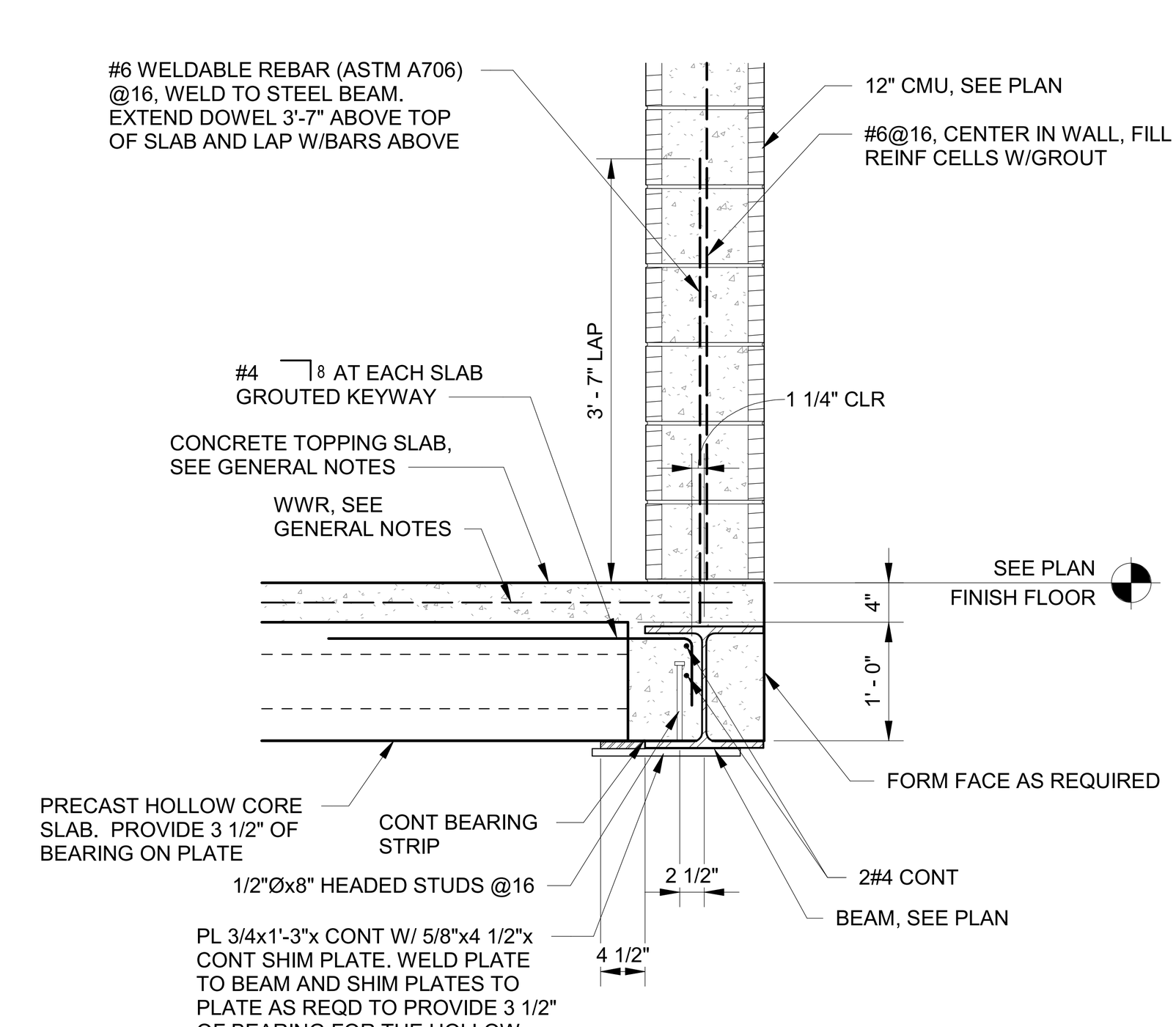
SECTION 7 S3.05
3/4" = 1'-0"



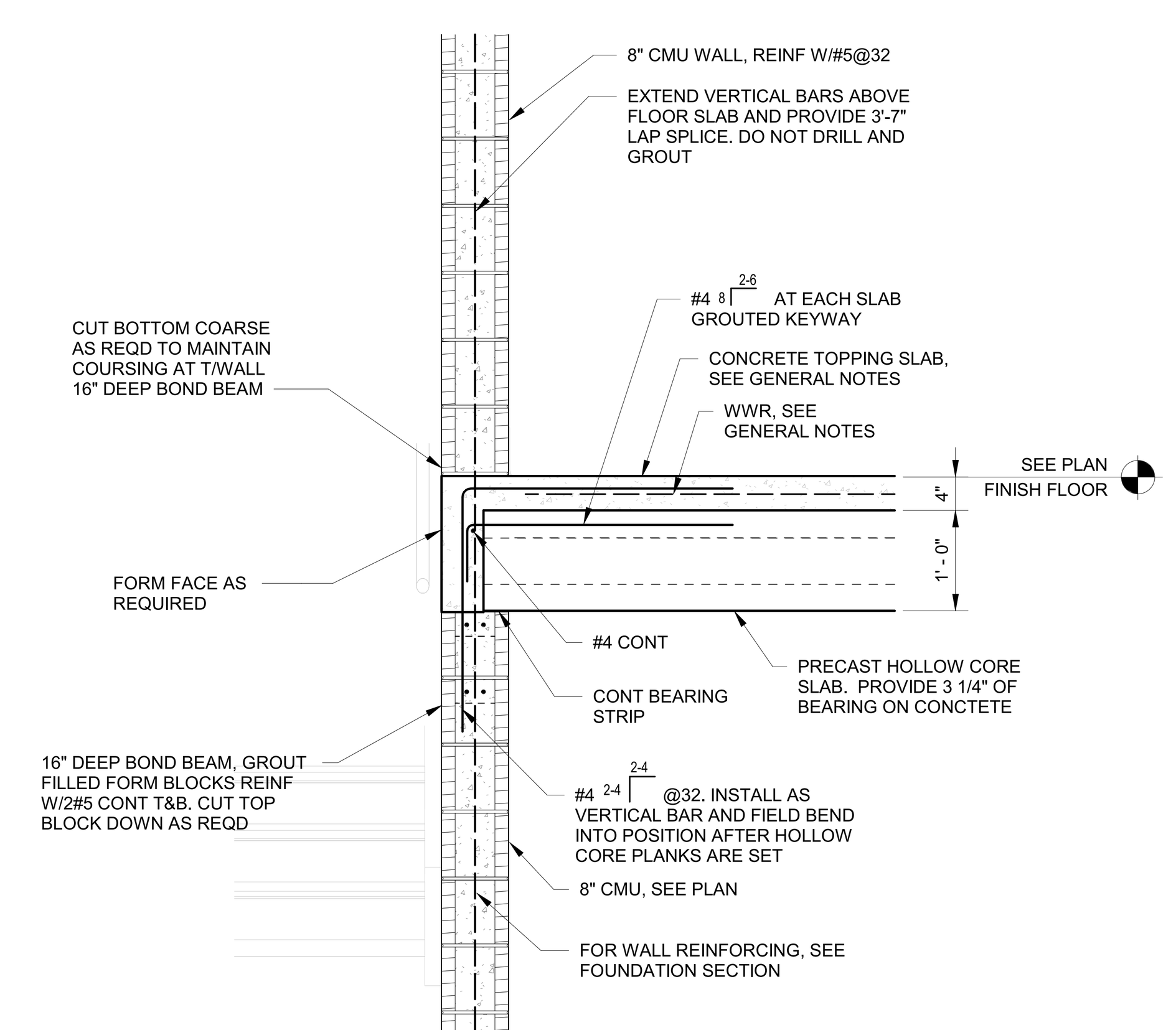
SECTION 8 S3.05
3/4" = 1'-0"



SECTION 10 S3.05
3/4" = 1'-0"



SECTION 11 S3.05
3/4" = 1'-0"

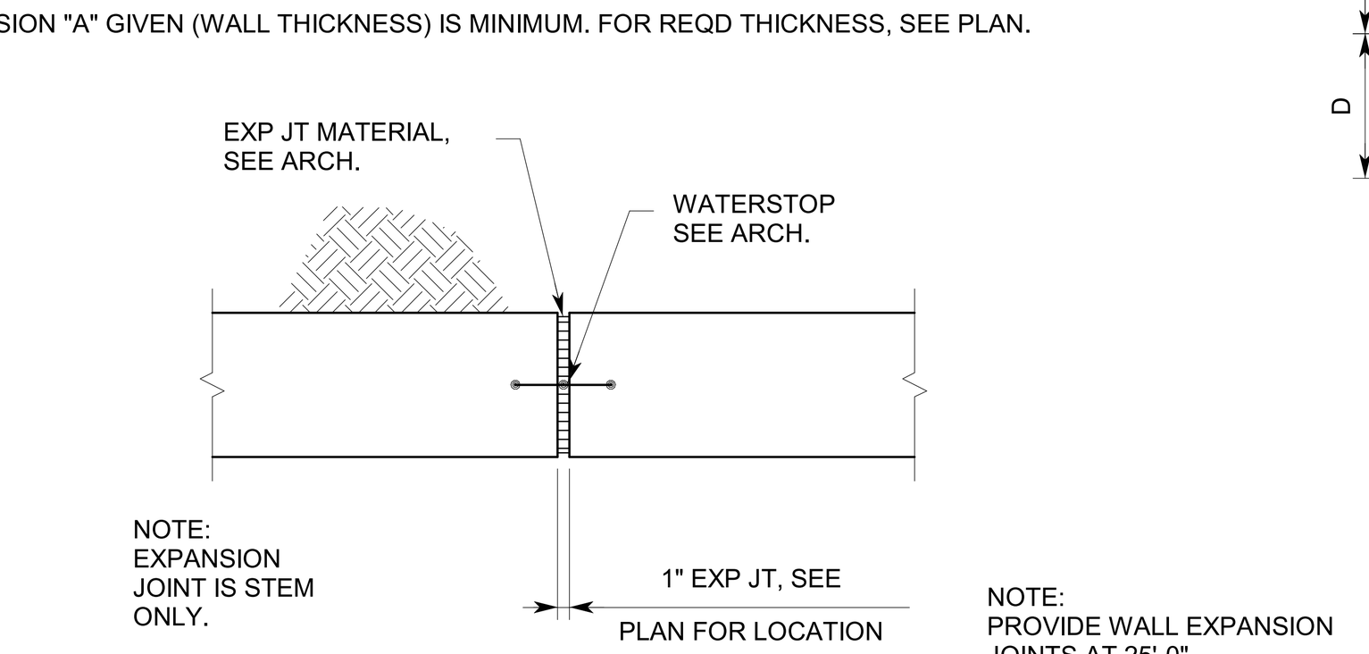


SECTION 12 S3.05
3/4" = 1'-0"

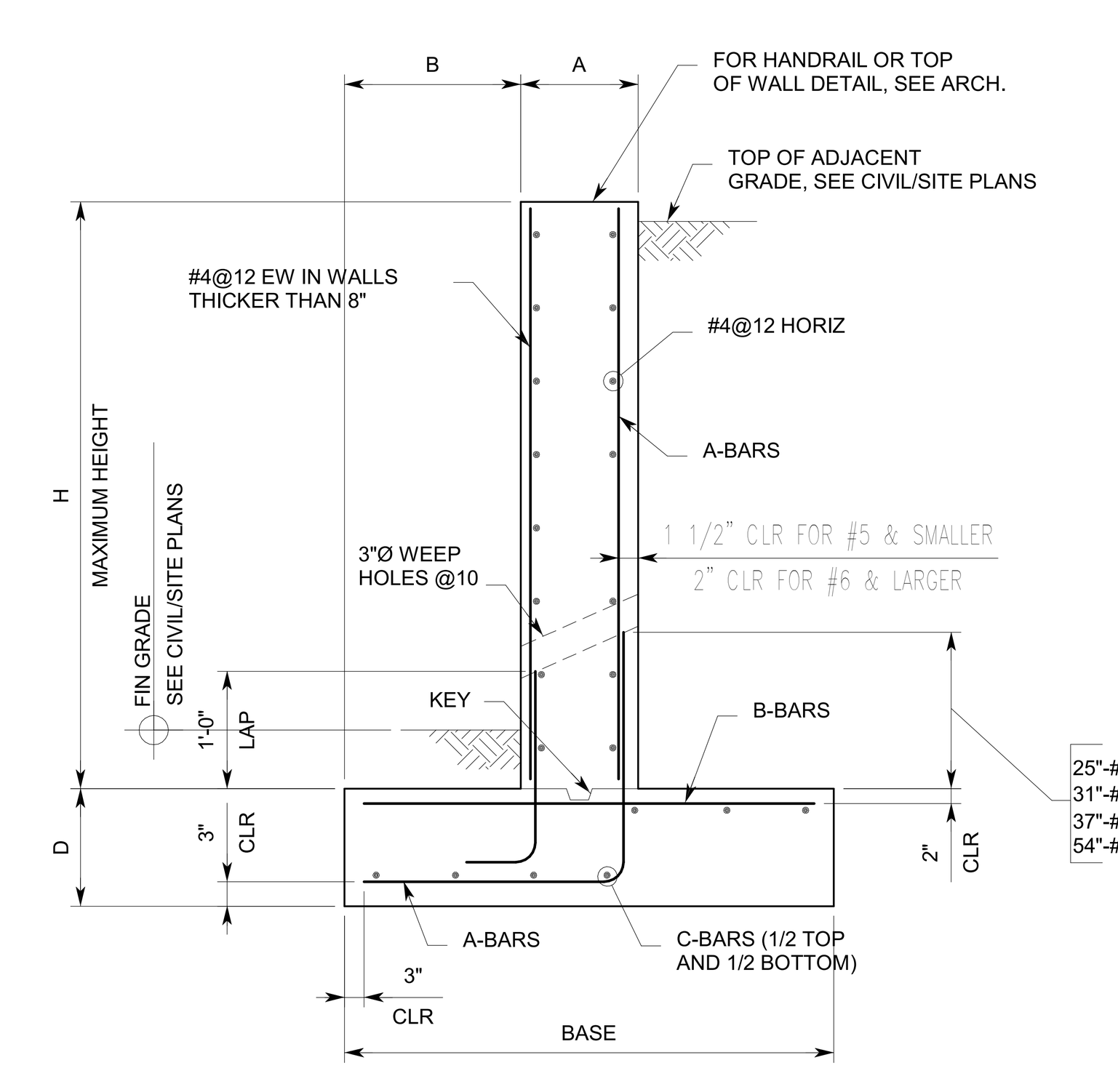
SITE CANTILEVER RETAINING WALLS

CONCRETE DIMENSIONS					REINFORCEMENT		
H	A	B	BASE	D	A-BARS	B-BARS	C-BARS
3'-0"	8"	6"	3'-0"	1'-0"	#4@12	#4@12	3#5
4'-0"	8"	6"	3'-8"	1'-0"	#4@12	#4@12	4#5
5'-0"	8"	7"	4'-10"	1'-0"	#4@12	#4@12	5#5
6'-0"	8"	10"	6'-0"	1'-0"	#4@12	#4@12	6#5
7'-0"	8"	1'-0"	7'-0"	1'-0"	#4@9	#4@9	7#5
8'-0"	1'-0"	1'-4"	8'-3"	1'-4"	#5@9	#5@9	8#5

NOTE:
DIMENSION "A" GIVEN (WALL THICKNESS) IS MINIMUM. FOR REQD THICKNESS, SEE PLAN.



SITE WALL EXPANSION JOINT DETAIL



SITE RETAINING WALL SECTION

FOR BACKFILL MATERIAL, SEE GENERAL NOTES.

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1 ADDENDUM #2	12.12.24

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CHECKED BY: TPF

FORT PAYNE COMPETITION GYM AND CLASSROOM ADDITION
201 45th STREET NE,
FORT PAYNE, AL 35967

DCM # 20240548
GMC # AHUN230009

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER No. 22596 H. CRAIG WINN
H. Craig Winn, P.E.
12-12-2024

SECTIONS

S3.05

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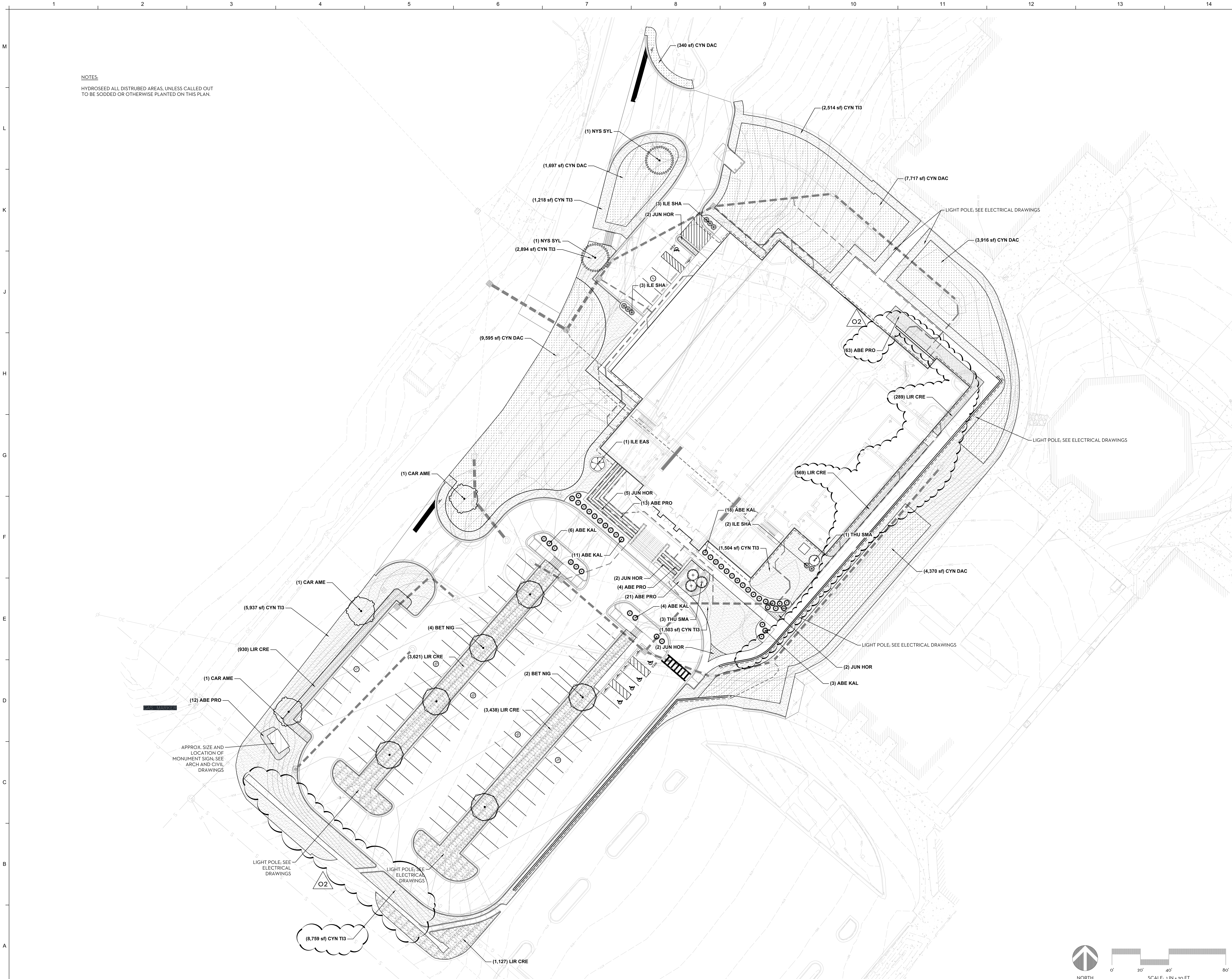
NOTES:

HYDROSEED ALL DISTRUBED AREAS, UNLESS CALLED OUT TO BE SODDED OR OTHERWISE PLANTED ON THIS PLAN.



GMC

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Huntsville, AL 35801
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ISSUE	DATE
DCM FINAL SUBMITTAL	10.18.24
ADDENDUM 02	12.13.24

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CHECKED BY: JBB

FORT PAYNE COMPETITION GYM
201 45th STREET NE
FORT PAYNE, AL 35967

AHUN230009

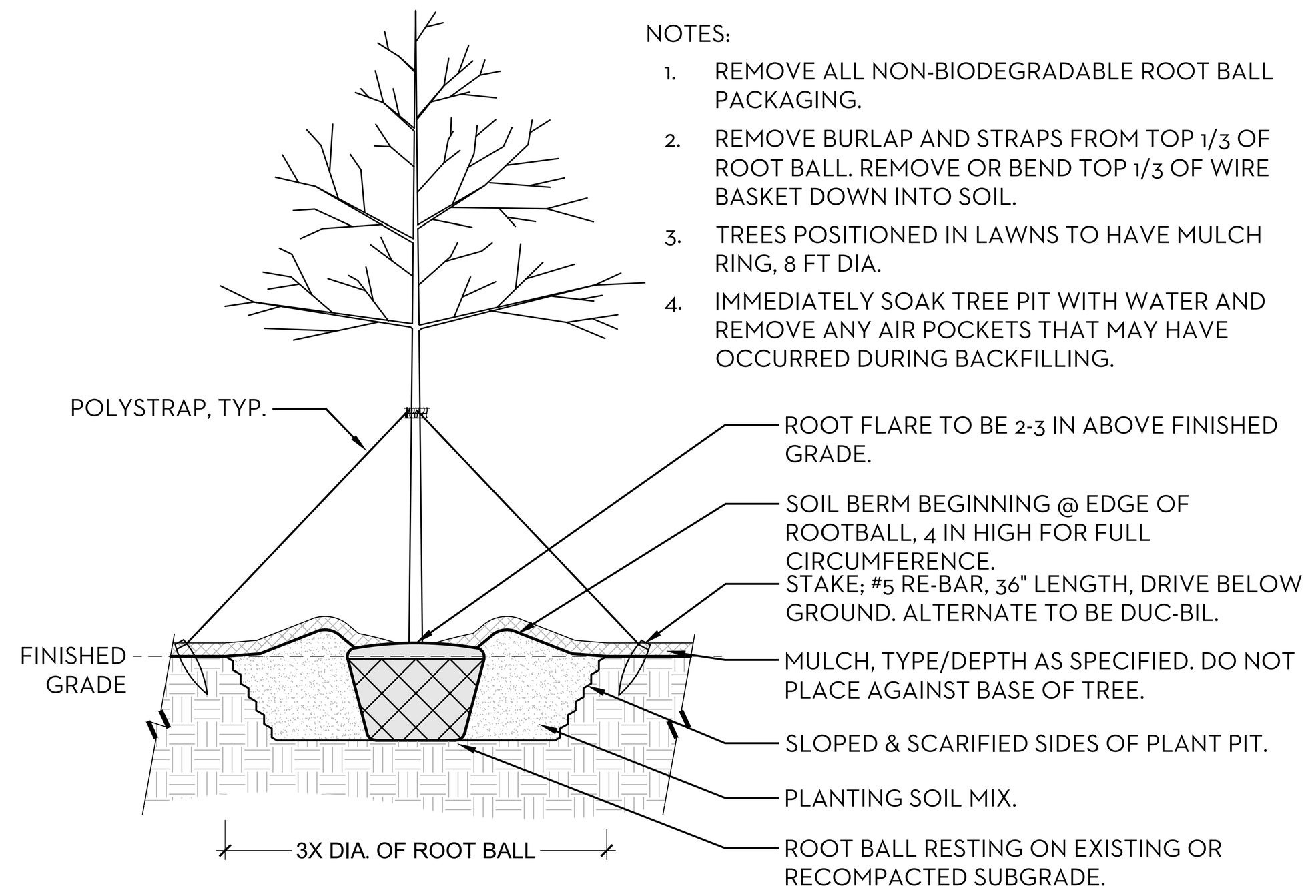
STATE OF ALABAMA — JOHN — NUMBER 538 — REGISTERED LANDSCAPE ARCHITECT

PLANTING PLAN

L1.00

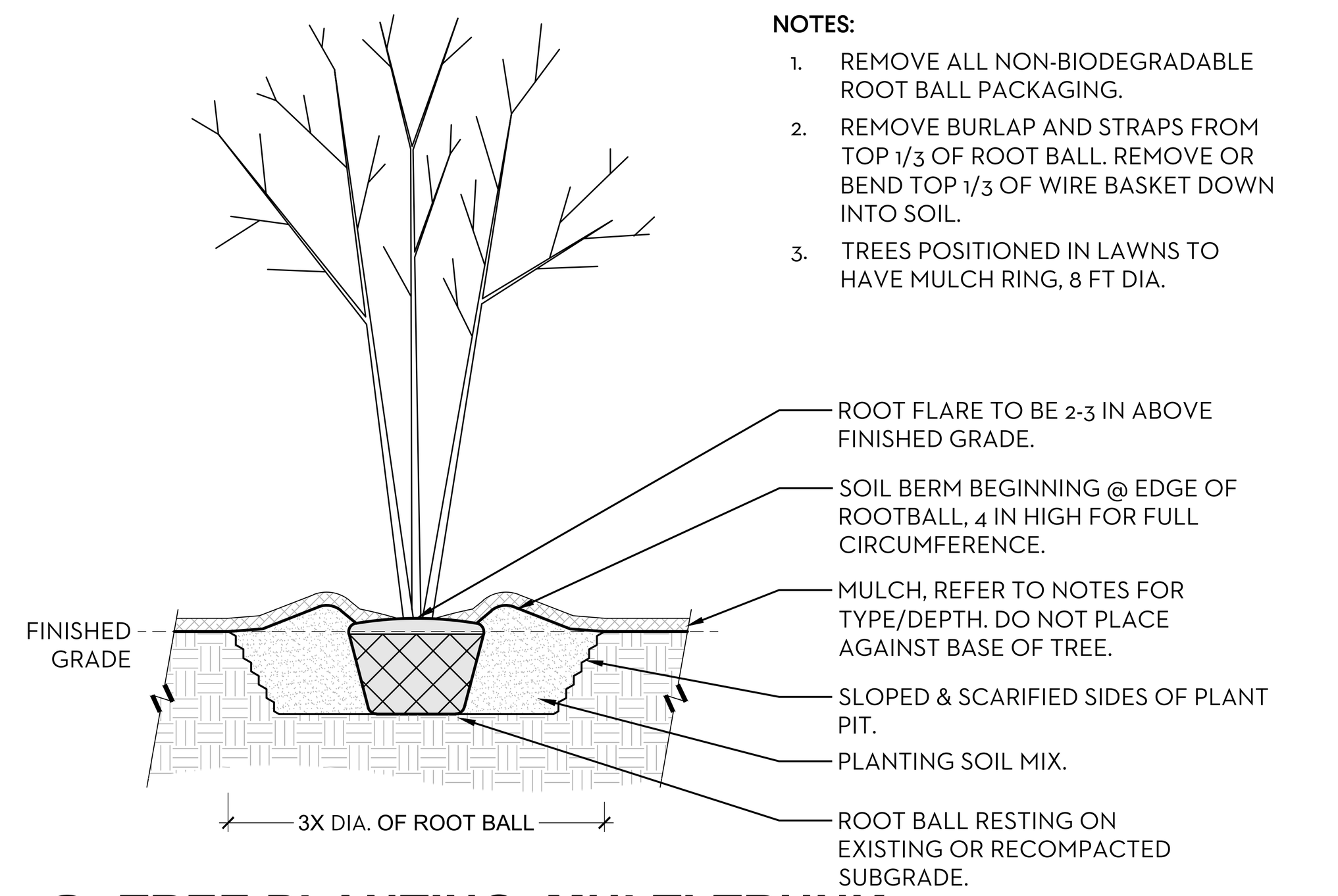
sheet of

NOTES:
1. REMOVE ALL NON-BIODEGRADABLE ROOT BALL PACKAGING.
2. REMOVE BURLAP AND STRAPS FROM TOP 1/3 OF ROOT BALL. REMOVE OR BEND TOP 1/3 OF WIRE BASKET DOWN INTO SOIL.
3. TREES POSITIONED IN LAWNS TO HAVE MULCH RING, 8 FT DIA.
4. IMMEDIATELY SOAK TREE PIT WITH WATER AND REMOVE ANY AIR POCKETS THAT MAY HAVE OCCURRED DURING BACKFILLING.



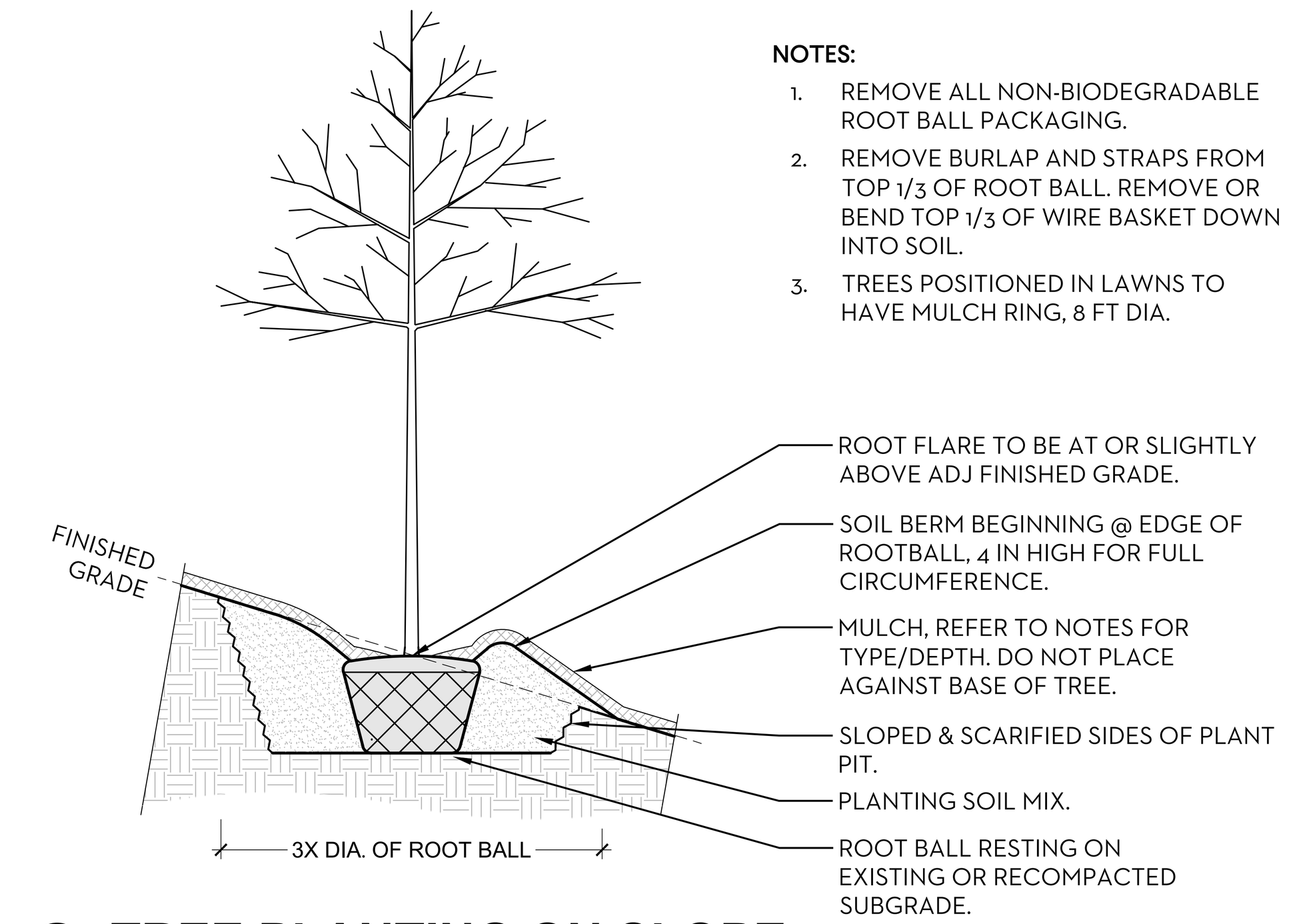
1 TREE PLANTING
3/8" = 1'-0"

NOTES:
1. REMOVE ALL NON-BIODEGRADABLE ROOT BALL PACKAGING.
2. REMOVE BURLAP AND STRAPS FROM TOP 1/3 OF ROOT BALL. REMOVE OR BEND TOP 1/3 OF WIRE BASKET DOWN INTO SOIL.
3. TREES POSITIONED IN LAWNS TO HAVE MULCH RING, 8 FT DIA.

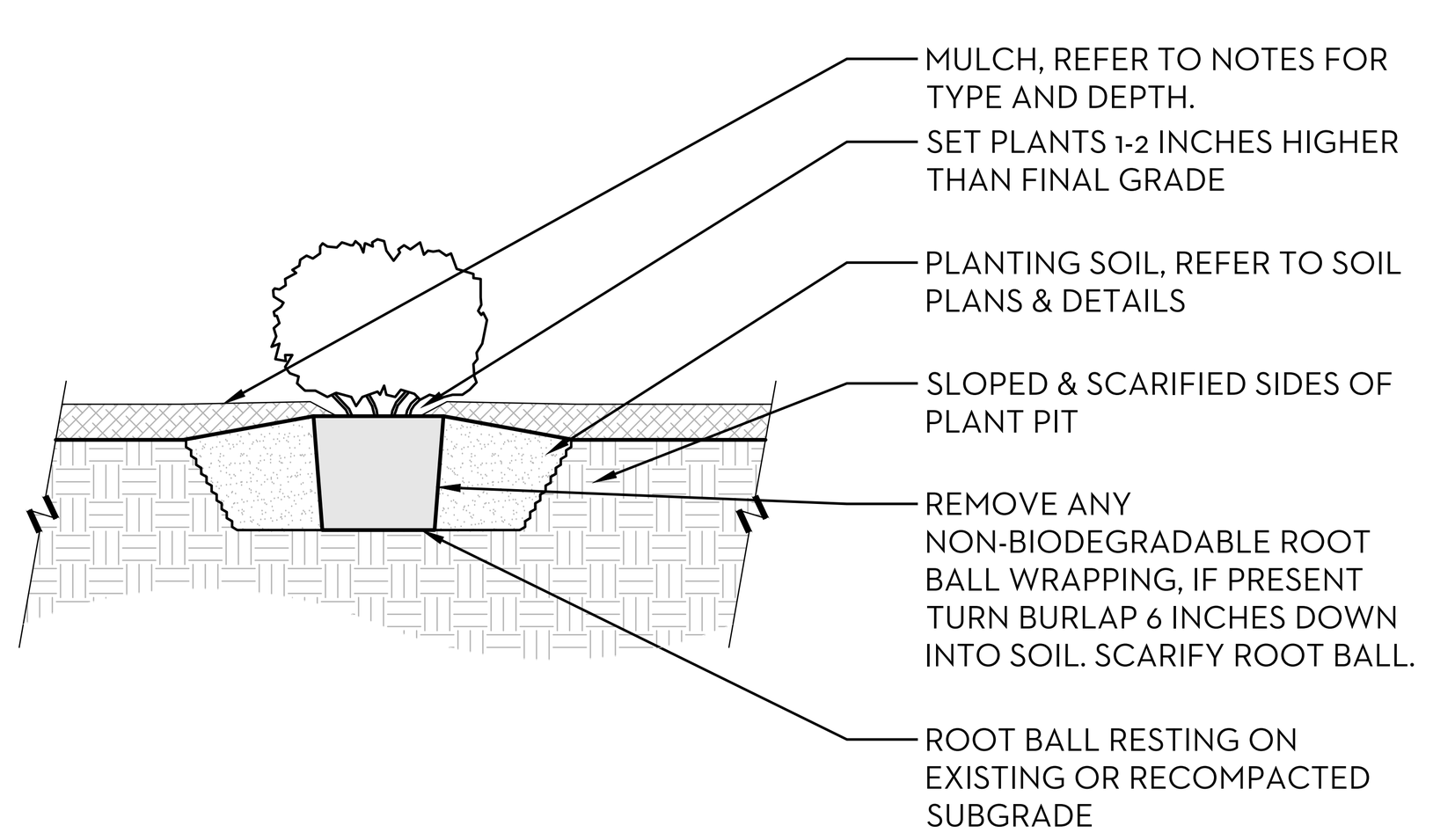


2 TREE PLANTING, MULTI-TRUNK
3/8" = 1'-0"

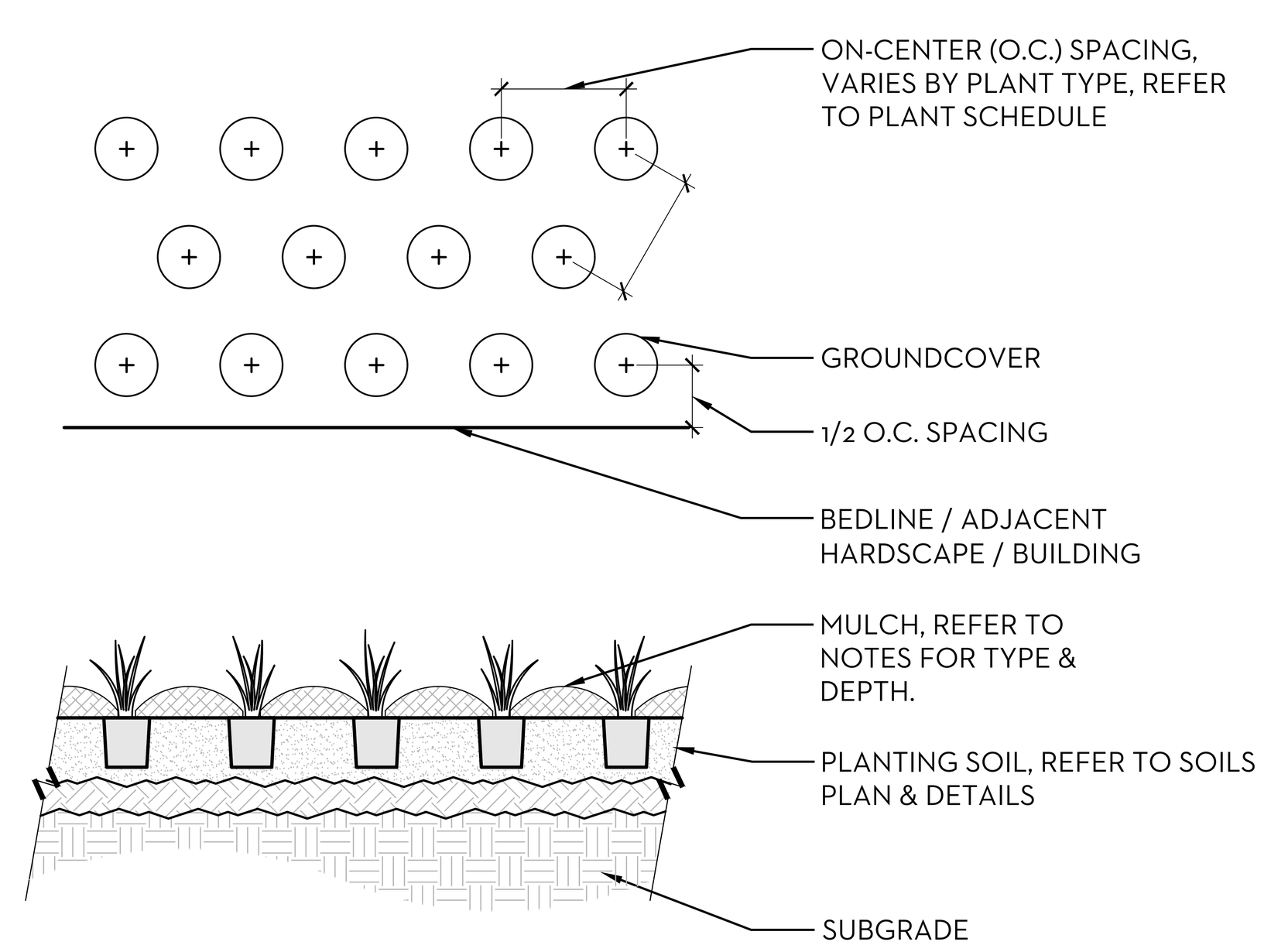
NOTES:
1. REMOVE ALL NON-BIODEGRADABLE ROOT BALL PACKAGING.
2. REMOVE BURLAP AND STRAPS FROM TOP 1/3 OF ROOT BALL. REMOVE OR BEND TOP 1/3 OF WIRE BASKET DOWN INTO SOIL.
3. TREES POSITIONED IN LAWNS TO HAVE MULCH RING, 8 FT DIA.



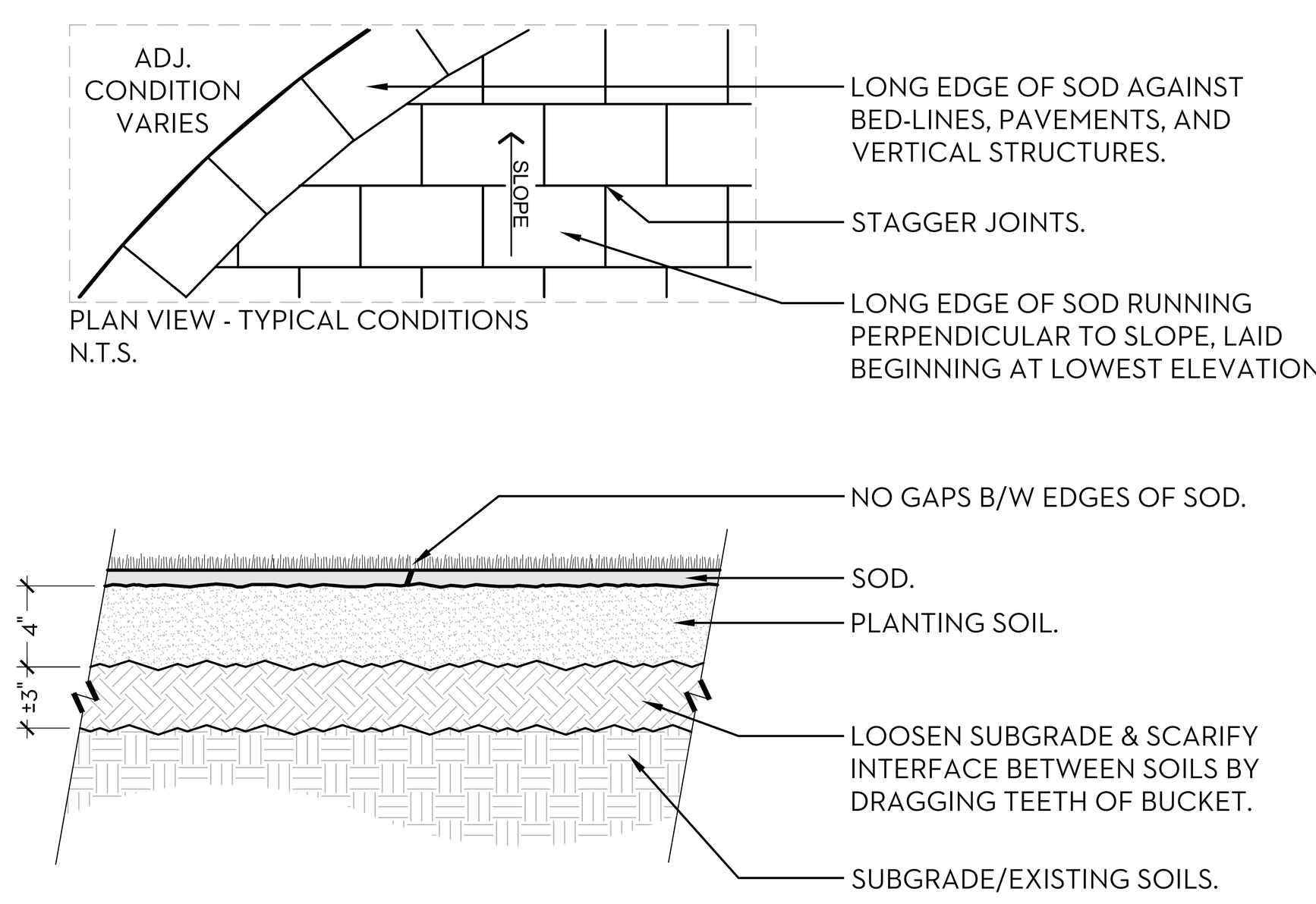
3 TREE PLANTING ON SLOPE
3/8" = 1'-0"



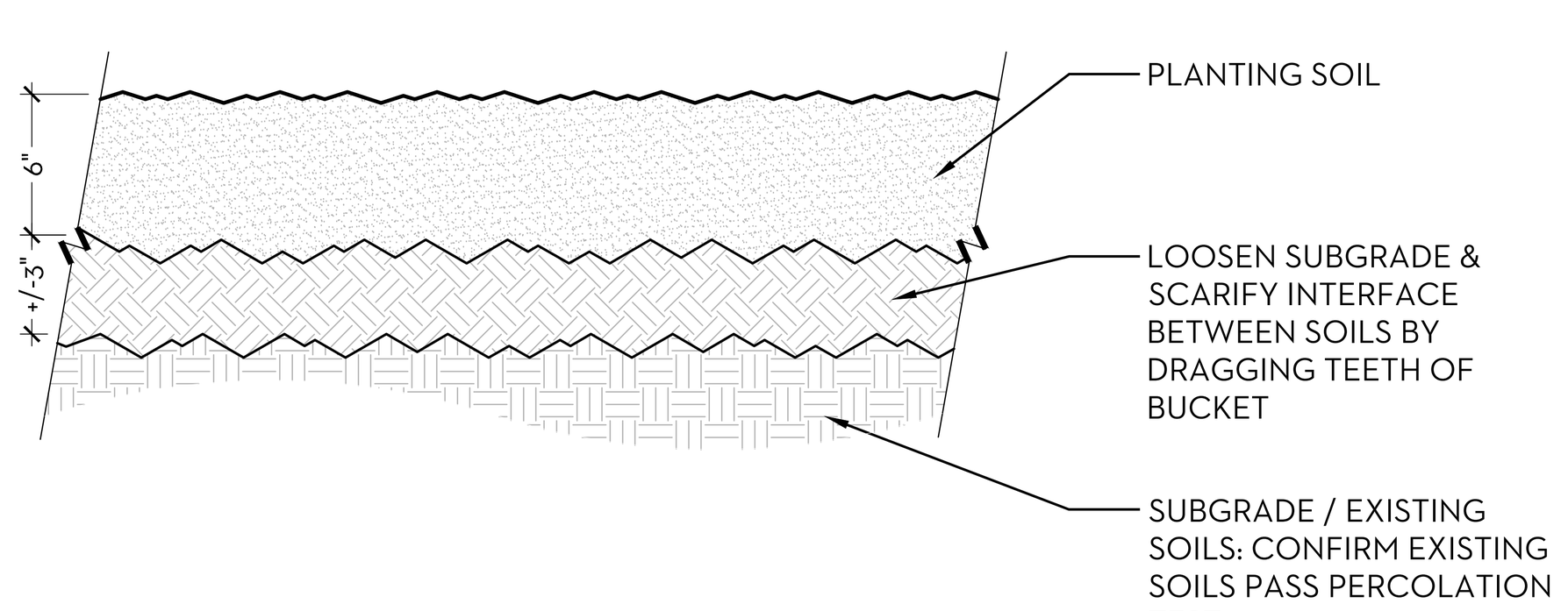
4 SHRUB PLANTING
3/4" = 1'-0"



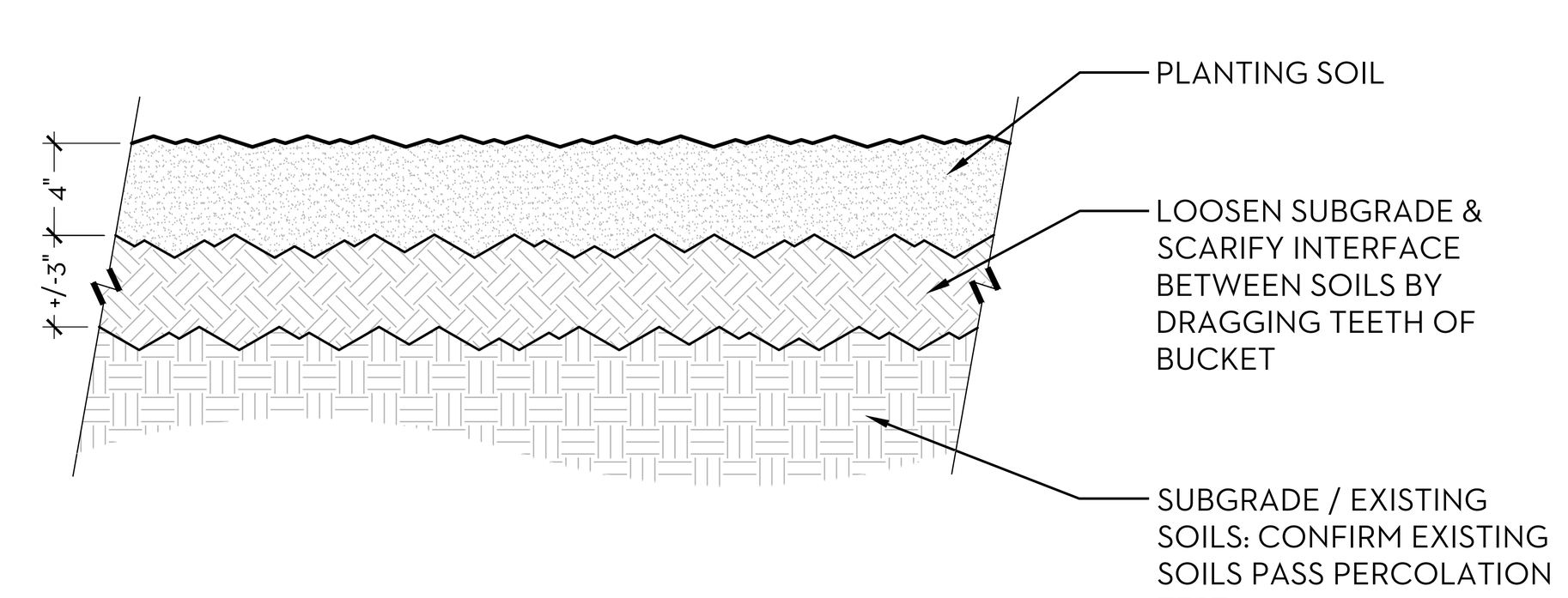
5 GROUNDCOVER & PERENNIAL PLANTING
3/4" = 1'-0"



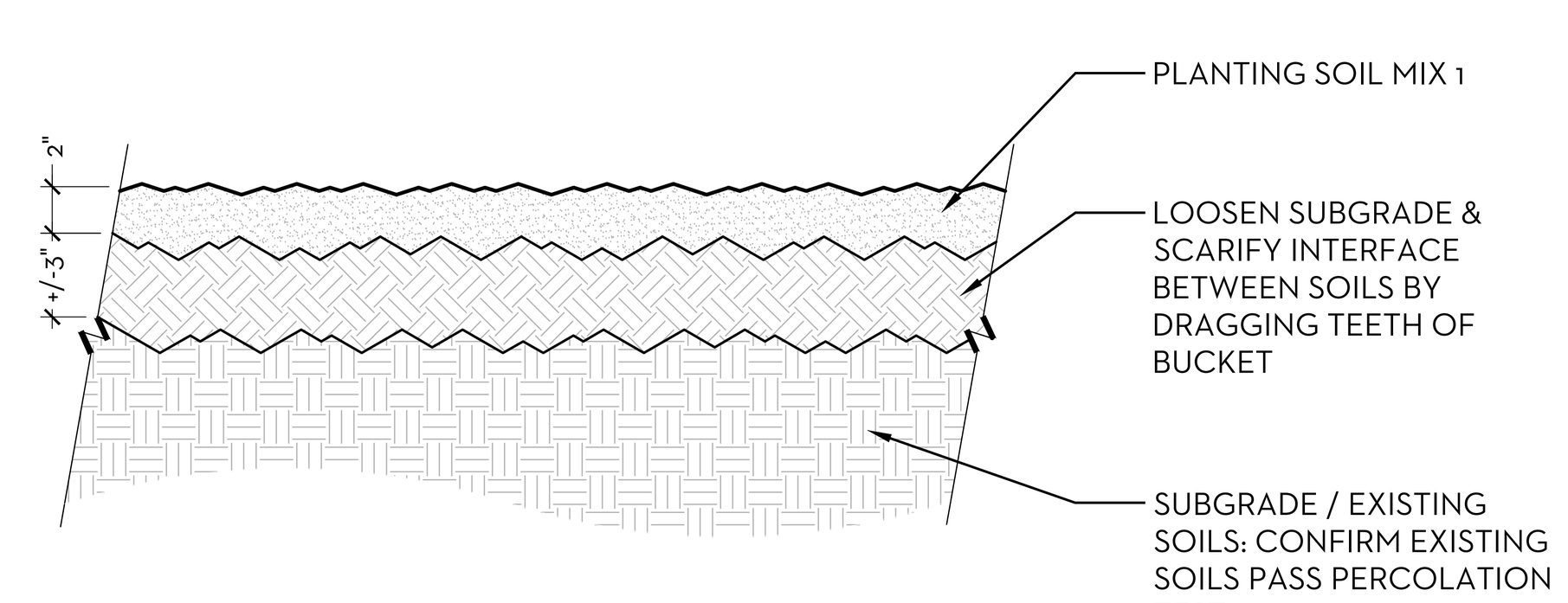
6 SOD INSTALLATION
1 1/2" = 1'-0"



7 PLANT BED SOIL PREPARATION
1 1/2" = 1'-0"



8 SOD SOIL PREPARATION
1 1/2" = 1'-0"



9 SEEDING SOIL PREPARATION
1 1/2" = 1'-0"

GENERAL LANDSCAPE NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL CONTRACT DOCUMENTS & RELATED EXISTING CONDITIONS, UTILITIES, STRUCTURES, ETC. PRIOR TO BIDDING AND CONSTRUCTION.
2. CONTRACTOR'S BASE BID TO INCLUDE ALL MATERIALS, LABOR, PERMITS, EQUIPMENT, TOOLS, INSURANCE, ETC. TO PERFORM THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS.
3. PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE LAWS, CODES, & REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK & PROVIDE PERMITS REQUIRED BY LOCAL AUTHORITIES.
4. CONTRACTOR TO COMPLETE ALL WORK WITHIN SCHEDULE ESTABLISHED BY OWNER.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL WORK DISTURBED BY CONSTRUCTION TO A CONDITION BETTER THAN OR EQUAL TO THE CONDITIONS THAT EXISTED PRIOR TO THE BEGINNING OF CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.
6. SEE CIVIL DRAWINGS FOR INFORMATION REGARDING EROSION/SEDIMENT CONTROL, LOCATION OF EXISTING & PROPOSED STRUCTURES, PAVING, DRIVEWAYS, CUT & FILL AREAS, LIMITS OF CONSTRUCTION, EXISTING & PROPOSED UTILITIES OR EASEMENTS.

PLANT INSTALLATION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL RELATED EXISTING CONDITIONS, UTILITIES, STRUCTURES, ETC. PRIOR TO BIDDING AND CONSTRUCTION.
2. REMOVE FROM SITE ANY & ALL EXISTING VEGETATION INCLUDING STUMPS & ROOTS IN CONFLICT WITH PLANTING PLAN UNLESS EXPLICITLY DESIGNATED FOR PROTECTION.
3. SEE SPECIFICATIONS & DETAILS FOR PLANTING METHODS, REQUIREMENTS, SOIL TESTING, MATERIALS, EXECUTION, AND PLANT PROTECTION.
4. PLANT NAMES MAY BE ABBREVIATED ON DRAWINGS. REFER TO PLANT SCHEDULE FOR ABBREVIATIONS, BOTANICAL & COMMON NAMES, SIZES, ESTIMATED QUANTITIES AND OTHER REMARKS.
5. CONTRACTOR SHALL VERIFY THE TOTAL QUANTITIES INDICATED IN THE PLANT LIST WITH THE QUANTITIES SHOWN ON THE PLAN. CONTRACTOR SHALL PROVIDE QUANTITIES REQUIRED TO COMPLETE PROPOSED PLANTING AS INDICATED ON THE PLAN.
6. ALL PLANTING BEDS AND TREES SHALL BE MULCHED WITH 3-4 IN. OF SETTLED PINE STRAW THAT IS FREE FROM DEBRIS, LEAVES, TWIGS, INSECTS, GRASSES, WEEDS, PLANTS AND THEIR SEEDS, AND ANY SUBSTANCE HARMFUL TO PLANT GROWTH. PINE STRAW MULCH SHALL BE TUCKED & ROLLED AT ALL EDGES.
   A. TREES PLACED IN SODDED/TURFGRASS AREAS SHALL BE MULCHED WITH AN 8 FT. DIAMETER MULCH RING UNLESS OTHERWISE NOTED ON PLANS.
7. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL WORK DISTURBED BY CONSTRUCTION TO A CONDITION BETTER THAN OR EQUAL TO THE CONDITIONS THAT EXISTED PRIOR TO THE BEGINNING OF CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.

PLANTING SOIL & PREPARATION NOTES

1. CONTRACTOR SHALL CONDUCT & SUBMIT TO THE LANDSCAPE ARCHITECT AN ANALYSIS OF A MINIMUM OF (3) SAMPLES OF EXISTING SOIL FROM AREAS TO BE PLANTED . THE ANALYSIS SHALL BE DONE BY A SOIL TESTING LAB APPROVED BY THE LANDSCAPE ARCHITECT IN ADVANCE (AUBURN UNIVERSITY SOIL, FORAGE & WATER TESTING LABORATORY, ALFA BUILDING, 961 S. DONAHUE DRIVE, AUBURN UNIVERSITY, AL 36849-5411, PH:(334) 844-3958) AND SHALL INCLUDE THE FOLLOWING RESULTS WITH RECOMMENDATIONS:
   A. S1A - ORGANIC MATTER, AVAILABLE PHOSPHORUS, EXCHANGEABLE POTASSIUM, MAGNESIUM, CALCIUM, SOIL pH, CATION EXCHANGE CAPACITY, PERCENT BASE SATURATION OF CATION ELEMENTS.
   B. S3 - SULFUR, ZINC, MANGANESE, IRON, COPPER, BORON
   C. TEXTURE ANALYSIS
2. TOPSOIL (& PLANTING SOIL WHEN DIFFERENT) SHALL BE PROVIDED MIXED AND READY FOR INSTALLATION. TOPSOIL SHALL MEET THE FOLLOWING CRITERIA & STRIPPED/STOCKPILED TOPSOIL MAY BE USED IF IT CAN REASOANBLY BE BROUGHT UP TO THESE CRITERIA.
   A. FERTILE, FRIABLE, NATURALLY OCCURRING, FREE OF TRASH, ROCKS/STONES, & DEBRIS LARGER THAN 2 INCHES IN ANY DIMENSION
   B. FREE OF ANY GRASSES, WEEDS, SEEDS, PLANTS, & ANY SUBSTANCE HARMFUL TO PLANT GROWTH.
   C. pH RANGE OF 5.0-7.0
   D. ORGANIC MATTER: 5-10%
   E. SAND: 50-70%, SILT: LESS THAN 30%, CLAY: 10-25%
   F. PERMEABILITY RATE OF 5X10 (-3) CENTIMETERS OR GREATER AT 85% COMPACTION.
3. CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE THE LOCATION OF STOCKPILE AREAS FOR STRIPPED TOPSOIL AND PLANTING SOIL PRODUCTS. CONTRACTOR SHALL ENSURE AREA IS PROTECTED FROM CONTAMINATION & DISTURBANCE
4. FINAL GRADES DEPICTED ON THE GRADING PLAN (REFER TO CIVIL DRAWINGS) ARE TO ACCOUNT FOR PLANTING SOIL DEPTHS INDICATED IN THE LANDSCAPE DRAWINGS/DETAILS. CONTRACTOR SHALL ENSURE SUBGRADE IS SCARIFIED PRIOR TO INSTALLING PLANTING SOIL.
5. FINAL FINISHED GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION SUITABLE FOR PLANTING.
6. ALL TRASH, DEBRIS LARGER THAN 2 INCHES IN DIAMETER IN ANY DIRECTION, ROCK, COBBLE, EXCAVATION SPOILS, & GRAVEL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE PRIOR TO THE INSTALLATION OF TOPSOIL/PLANTING SOIL.
7. COORDINATE INSTALLATION OF TOPSOIL/PLANTING SOIL WITH OTHER WORK. PLACEMENT SHALL OCCUR AFTER INSTALLATION OF HARDSCAPE IMPROVEMENTS, IRRIGATION SYSTEMS, UTILITIES, ETC. AND BEFORE PLANT INSTALLATION.
8. PRIOR TO PLANT INSTALLATION, PLANT BEDS AND PITS SHALL BE TESTED FOR PERCOLATION BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER. TEST SHALL CONSIST OF 1 FT DIAMETER BY 1 FT DEEP MIN HOLE, OR THE PLANTING PIT, FILLED WITH WATER. IF WATER HAS NOT DISSIPATED BY 50% WITHIN 2 HOURS, NOTIFY THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION. IN HARDPAN CONDITIONS, INSTALL DRAIN PIPES AS PER PLANTING DETAILS.

WARRANTY & SUBSTANTIAL/FINAL COMPLETION NOTES

1. CONTRACTOR TO PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP BEYOND DATE OF SUBSTANTIAL COMPLETION. WARRANTY DOES NOT INCLUDE LOSS RESULTING FROM ACTS OF NATURE, VANDALISM, OR OWNER NEGLECT AS DETERMINED BY THE LANDSCAPE ARCHITECT.
2. CONTRACTOR TO SUBMIT WRITTEN REQUEST MIN 7 DAYS PRIOR TO ANTICIPATED REVIEW DATE FOR SUBSTANTIAL COMPLETION.
   A. THE LANDSCAPE ARCHITECT SHALL DEVELOP A PUNCH-LIST OF ITEMS TO BE COMPLETED PRIOR TO THE GRANTING OF SUBSTANTIAL COMPLETION. AFTER COMPLETING THE PUNCH-LIST, THE CONTRACTOR SHALL REQUEST ANOTHER REVIEW BY THE LANDSCAPE ARCHITECT.
3. FINAL COMPLETION SHALL BE GIVEN AT END OF WARRANTY PERIOD IF ALL ITEMS ARE COMPLETED TO THE OWNERS SATISFACTION.
   A. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LANDSCAPE ARCHITECT AT THE END OF THE WARRANTY PERIOD TO SCHEDULE FINAL INSPECTION. SHOULD THE CONTRACTOR FAIL TO CONTACT THE LANDSCAPE ARCHITECT, THE WARRANTY PERIOD IS AUTOMATICALLY EXTENDED UNTIL HE/SHE DOES SO.

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	CAL. / HT.	ROOTBALL		REMARKS
TREES							
BET NIG	6	BETULA NIGRA	RIVER BIRCH MULTI-TRUNK	2.0" CAL.	B&B		
CAR AME	3	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2.0" CAL.	B&B		
NYS SYL	2	NYSSA SYLVATICA	TUPELO	2.0" CAL.	B&B		
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HT.	SPACING	REMARKS
SHRUBS							
ABE KAL	42	ABELIA X GRANDIFLORA 'KALEIDOSCOPE'	KALEIDOSCOPE GLOSSY ABELIA	3 GAL		48" o.c.	
ILE SHA	8	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	3 GAL		48" o.c.	
ILE EAS	1	ILEX X ATTENUATA 'EAST PALATKA'	EAST PALATKA HOLLY	B&B	12-14 FT.	120" o.c.	
THU SMA	4	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	B&B	12-14 FT.	96" o.c.	
CODE	QTY	BOTANICAL NAME	COMMON NAME	TYPE		SPACING	REMARKS
GROUND COVERS							
ABE PRO	113	ABELIA X GRANDIFLORA 'PROSTRATA'	PROSTRATE GLOSSY ABELIA	1 GAL		42" o.c.	
JUN HOR	13	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER	1 GAL		72" o.c.	
LIR CRE	9,974	LIRIOPE SPICATA	CREEPING LILYTURF	4" POT		12" o.c.	
SOD/SEED							
CYN DAC	27,635 SF	CYNODON DACTYLON	BERMUDAGRASS	HYDROSEED			
CYN TI3	24,329 SF	CYNODON DACTYLON 'TIF 419'	TIF 419 BERMUDAGRASS	SOD			

O2

GMC
117 Jefferson Street North
Huntsville, AL 35801
T 256.539.3431
GMCNETWORK.COM

ISSUE	DATE
DCM FINAL SUBMITTAL	10.18.24
ADDENDUM 02	12/13/2024

DRAWN BY: AF
CHECKED BY: JBB

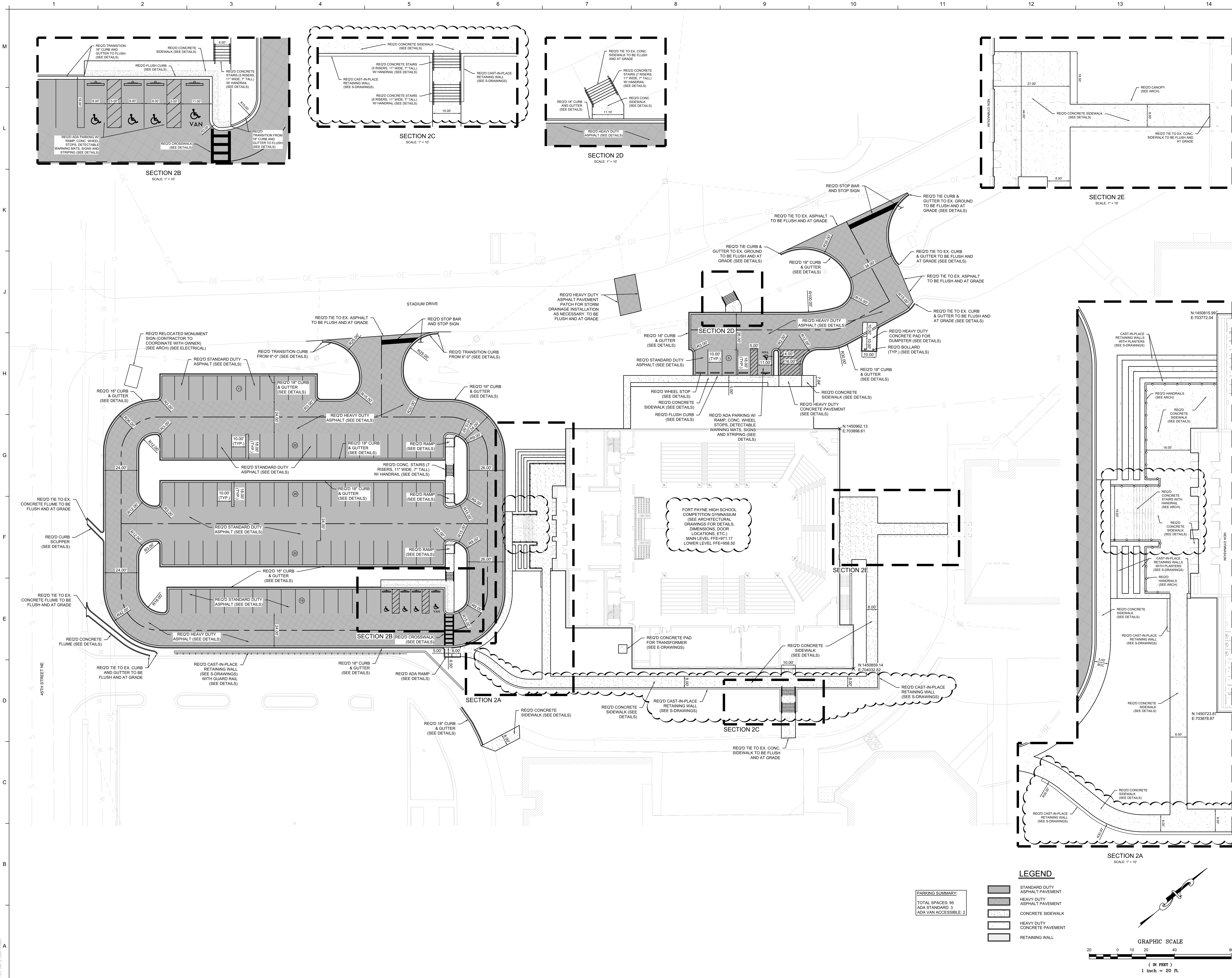
FORT PAYNE COMPETITION GYM
201 45th STREET NE
FORT PAYNE, AL 35967

AHUN230009

STATE OF ALABAMA · JOHN BENJAMIN BRACKEN · NUMBER 538 · REGISTERED LANDSCAPE ARCHITECT

PLANTING SCHEDULE, DETAILS, AND NOTES

L2.00
sheet of



SECTION 2B
SCALE: 1" = 10'
SECTION 2C
SCALE: 1" = 10'
SECTION 2D
SCALE: 1" = 10'
SECTION 2E
SCALE: 1" = 10'
SECTION 2A
SCALE: 1" = 10'
STADIUM DRIVE
45TH STREET NE
REQ'D STANDARD DUTY ASPHALT (SEE DETAILS)
REQ'D HEAVY DUTY ASPHALT (SEE DETAILS)
REQ'D 18" CURB & GUTTER (SEE DETAILS)
REQ'D RAMP (SEE DETAILS)
REQ'D STOP BAR AND STOP SIGN
REQ'D TIE TO EX. ASPHALT TO BE FLUSH AND AT GRADE
REQ'D TRANSITION CURB FROM 6"-0" (SEE DETAILS)
REQ'D RELOCATED MONUMENT SIGN (CONTRACTOR TO COORDINATE WITH OWNER) (SEE ARCH) (SEE ELECTRICAL)
REQ'D CONC. STAIRS (7 RISERS, 11" WIDE, 7" TALL) W/ HANDRAIL (SEE DETAILS)
REQ'D TIE TO EX. CONCRETE FLUME TO BE FLUSH AND AT GRADE
REQ'D CURB SCUPPER (SEE DETAILS)
REQ'D CONCRETE FLUME (SEE DETAILS)
REQ'D TIE TO EX. CURB AND GUTTER TO BE FLUSH AND AT GRADE
REQ'D CAST-IN-PLACE RETAINING WALL (SEE S-DRAWINGS) WITH GUARD RAIL (SEE DETAILS)
REQ'D CROSSWALK (SEE DETAILS)
REQ'D ADA RAMP (SEE DETAILS)
REQ'D CONCRETE SIDEWALK (SEE DETAILS)
REQ'D CAST-IN-PLACE RETAINING WALL (SEE S-DRAWINGS)
REQ'D TIE TO EX. CONC. SIDEWALK TO BE FLUSH AND AT GRADE
REQ'D CONCRETE PAD FOR TRANSFORMER (SEE E-DRAWINGS)
REQ'D HEAVY DUTY ASPHALT PAVEMENT PATCH FOR STORM DRAINAGE INSTALLATION AS NECESSARY. TO BE FLUSH AND AT GRADE
REQ'D TIE CURB & GUTTER TO EX. GROUND TO BE FLUSH AND AT GRADE (SEE DETAILS)
REQ'D HEAVY DUTY CONCRETE PAD FOR DUMPSTER (SEE DETAILS)
REQ'D BOLLARD (TYP.) (SEE DETAILS)
REQ'D WHEEL STOP (SEE DETAILS)
REQ'D FLUSH CURB (SEE DETAILS)
REQ'D ADA PARKING W/ RAMP, CONC. WHEEL STOPS, DETECTABLE WARNING MATS, SIGNS AND STRIPING (SEE DETAILS)
REQ'D HEAVY DUTY CONCRETE PAVEMENT (SEE DETAILS)
REQ'D CANOPY (SEE ARCH)
CAST-IN-PLACE RETAINING WALLS WITH PLANTERS (SEE S-DRAWINGS)
REQ'D HANDRAILS (SEE ARCH)
REQ'D CONCRETE STAIRS WITH HANDRAIL (SEE ARCH)
FORT PAYNE HIGH SCHOOL COMPETITION GYMNASIUM (SEE ARCHITECTURAL DRAWINGS FOR DETAILS, DIMENSIONS, DOOR LOCATIONS, ETC.) MAIN LEVEL FFE=971.17 LOWER LEVEL FFE=958.50
N:1450962.13 E:703898.61
N:1450859.14 E:704032.82
N:1450815.99 E:703772.04
N:1450723.87 E:703878.87
PARKING SUMMARY:
TOTAL SPACES: 95
ADA STANDARD: 3
ADA VAN ACCESSIBLE: 2
LEGEND
STANDARD DUTY ASPHALT PAVEMENT
HEAVY DUTY ASPHALT PAVEMENT
CONCRETE SIDEWALK
HEAVY DUTY CONCRETE PAVEMENT
RETAINING WALL
GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

GMC

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ISSUE	DATE
DCM FINAL SUBMITTAL	11.14.24
ADDENDUM #2	12.12.24

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CHECKED BY CAS

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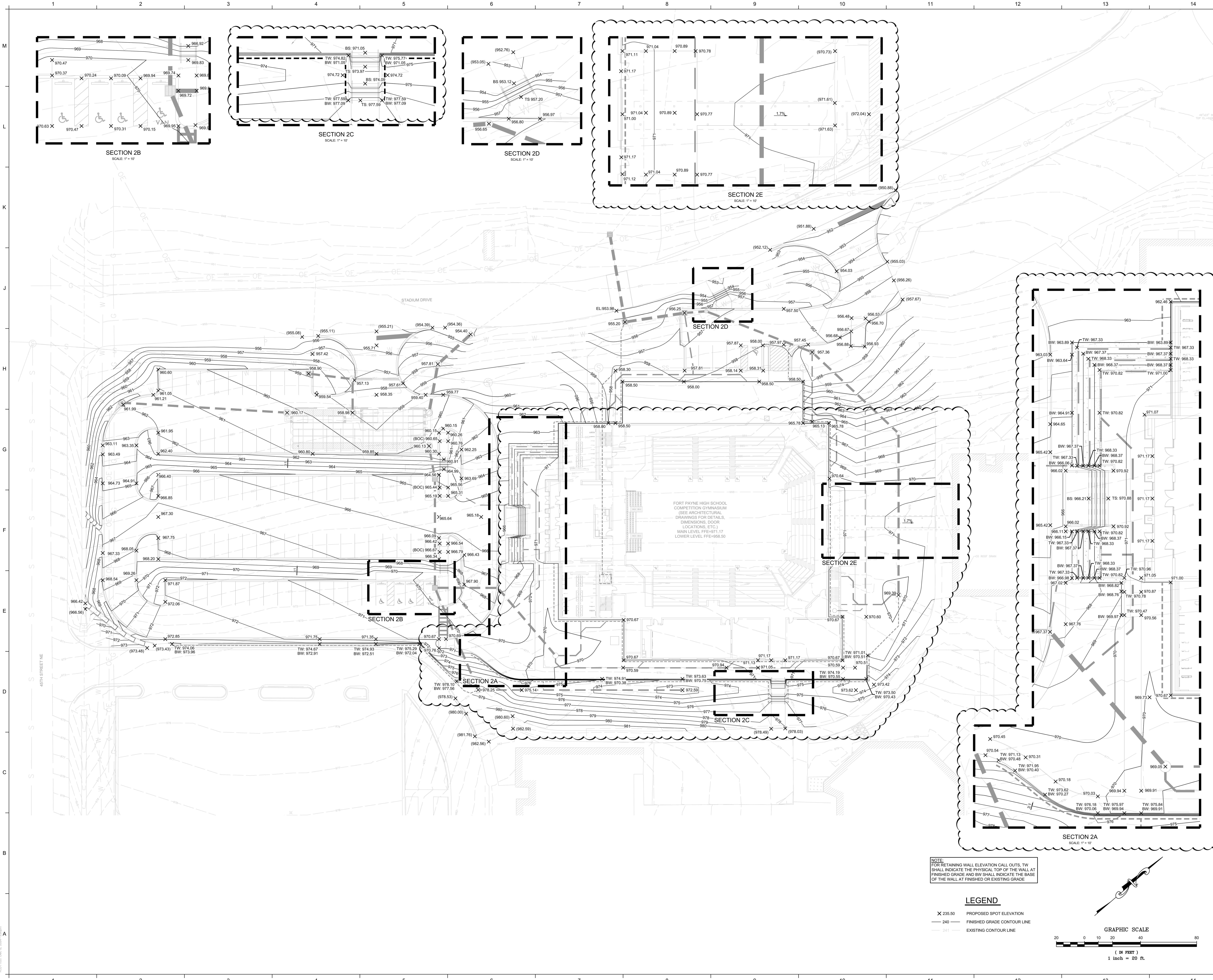
201 45th STREET NE
FORT PAYNE, AL 35967

CHUN240037

OVERALL SITE PLAN

C-101



NOTE:
FOR RETAINING WALL ELEVATION CALL OUTS, TW SHALL INDICATE THE PHYSICAL TOP OF THE WALL AT FINISHED GRADE AND BW SHALL INDICATE THE BASE OF THE WALL AT FINISHED OR EXISTING GRADE

LEGEND

× 235.50	PROPOSED SPOT ELEVATION
240	FINISHED GRADE CONTOUR LINE
241	EXISTING CONTOUR LINE

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OVERALL GRADING PLAN

C-201
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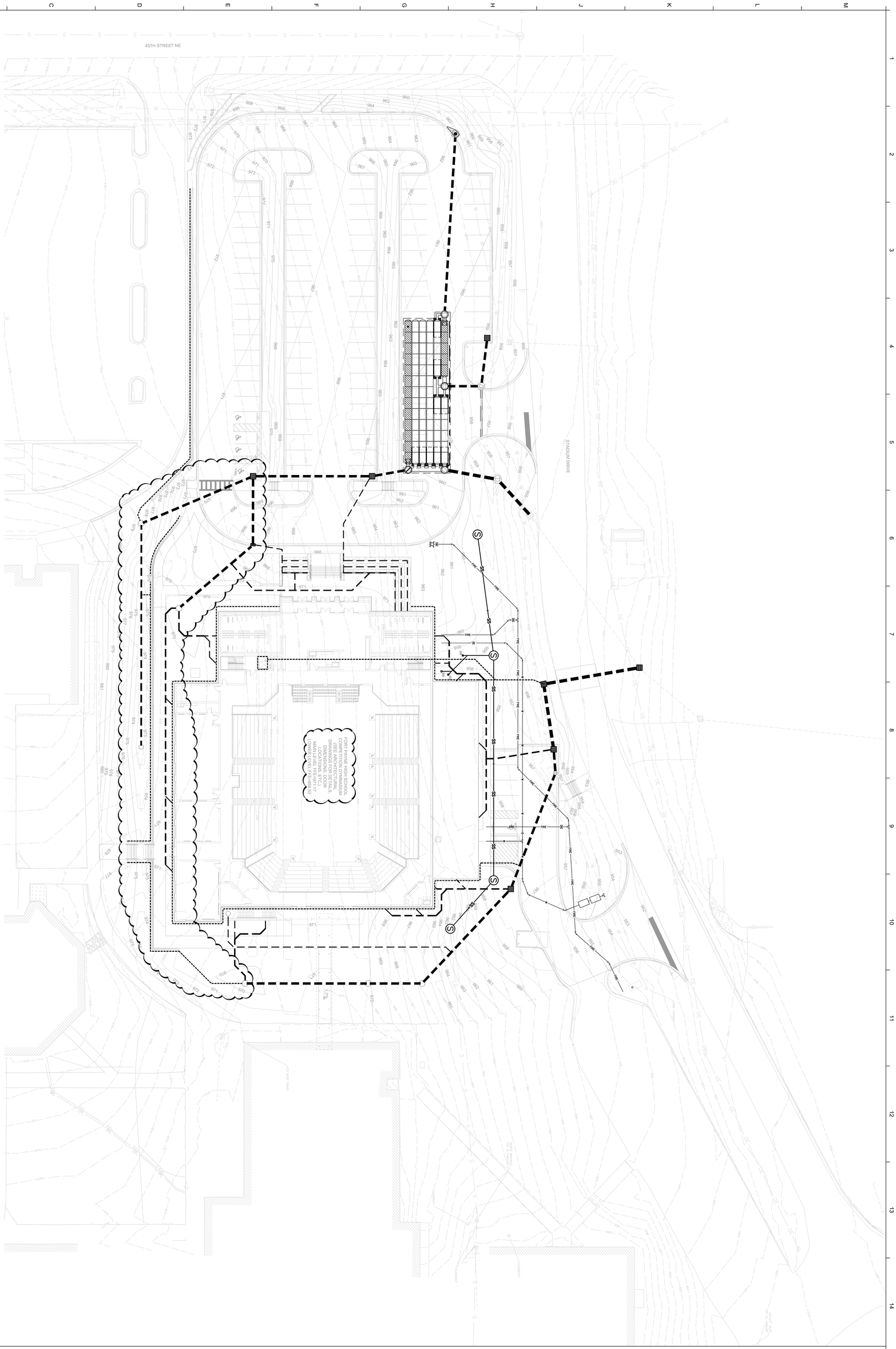

OVERALL UTILITY PLAN

C-301
sheet of

ALABAMA LICENSED PROFESSIONAL No. 38075 ENGINEER CASEY ANDREW SMITH
12-12-2024

FORT PAYNE COMPETITION GYM
201 45th STREET NE
FORT PAYNE, AL 35967

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WATER NOTES:
1. EXISTING WATER MAIN TO BE PROTECTED AND PRESERVED THROUGHOUT CONSTRUCTION.
2. FORT PAYNE WATER DEPARTMENT TO BE PRESENT ONSITE PRIOR TO EXCAVATION NEAR THE LINE.

LEGEND

—— W ——	DOMESTIC WATER LINE (SIZE AND TYPE AS NOTED)
—— SS ——	SANITARY SEWER LINE (SIZE AND TYPE AS NOTED)
——FIRE——	FIRE WATER LINE (SIZE AND TYPE AS NOTED)

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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FORT PAYNE, AL 35967

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No. 38073
COREY ANDREW SHOOP
12-12-2024

WATER AND SEWER PLAN

C-302
sheet of

LEGEND

▬ ▬	STORM PIPE (SIZE AND TYPE AS NOTED)
▦	GRATE INLET
	SINGLE WING INLET

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No. 38073
COREY ANDREW SHOOP
12-12-2024

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STORM DRAINAGE PLAN

C-304
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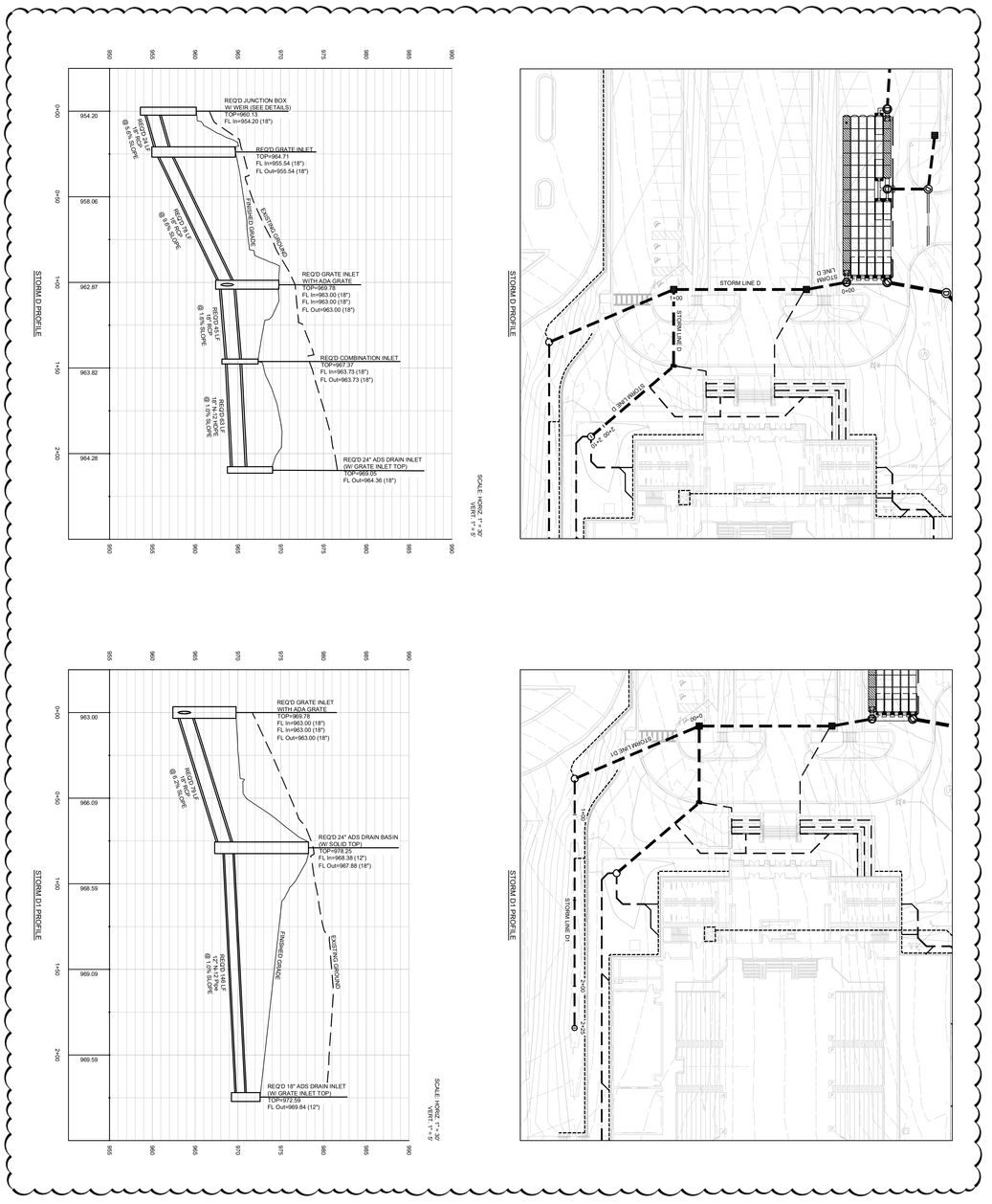

STORM DRAINAGE PROFILES

C-305
sheet of

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FORT PAYNE, AL 35967

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EROSION AND SEDIMENTATION CONTROL LEGEND

Site Preparation

Code	Description
CEP	Construction Exit Pad
LG	Land Grading
TSG	Top soiling

Surface Stabilization

Code	Description
CHS	Chemical Stabilization
DSF	Dune Sand Fence
DVP	Dune Vegetation Planting
DW	Dune Walkover
DC	Dust Control
ECB	Erosion Control Blanket
GK	Grounds keeping
MU	Mulching
PS	Permanent Seeding
PV	Preservation of Vegetation
RW	Retaining Wall
SVG	Shrub, Vine and Ground cover Plantings
SOD	Sodding
TS	Temporary Seeding
TP	Tree Planting on Disturbed Areas
CFM	Cotton Fiber Matrix Hydroseeding

Runoff Conveyance

Code	Description
CD	Check Dam
DV	Diversion Channel
DRS	Drop Structure
GS	Grass Swale
LS	Lined Swale
OP	Outlet Protection
RS	Riprap—lined Swale
SD	Subsurface Drain
TDS	Temporary Slope Drains

Sediment Control

Code	Description
BIP	Block and Gravel Inlet
BFB	Brush/Fabric Barrier
EIP	Excavated Drop Inlet Protection
FIP	Fabric Drop Inlet Protection
FS	Filter Sack
DS	Dandy Sack
FB	Floating Turbidity Barrier
RD	Rock Filter Dam
SB	Sediment Barrier
SBN	Sediment Basin
SST	Straw Bale Sediment Trap
TST	Temporary Sediment Trap
SL	Sediment Log (20") / Wattle
HIF	HDPE Inlet Filter
PFL	Anionic Polyacrylamide Storm Water Floculant Log
PFP	Anionic Polyacrylamide Storm Water Floculant Powder

Storm water Management

Code	Description
PP	Porous Pavement
SDB	Storm Water Detention Basin
TRE	Temporary Inlet Riser Extension

Stream Protection

Code	Description
BZ	Buffer Zone
CS	Channel Stabilization
SP	Stream bank Protection
TSC	Temporary Stream Crossing
BG	Baffle Grid

BEST MANAGEMENT PRACTICES NOTES

1. OTHER THAN LAND-CLEARING ACTIVITIES REQUIRED TO INSTALL THE APPROPRIATE BMP IN ACCORDANCE WITH THE BMP PLANS, ANY DOWN SLOPE EROSION AND SEDIMENT CONTROL MEASURES, ON-SITE STREAM CHANNEL PROTECTION AND UPSLOPE DIVERSION OF DRAINAGE REQUIRED BY THE BMP PLAN SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY CLEARING OR EARTH MOVING OPERATIONS BEGIN AND SHALL BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT SHALL BE REPLACED AT THE END OF THE WORKDAY WITH WRITTEN PERMISSION FROM THE OWNER/OFFICIAL. THE CONTRACTOR MAY PHASE THE INSTALLATION/REMOVAL OF THE BMP'S TO COORDINATE WITH THE CONSTRUCTION PROCESS.
2. THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE, WHICH CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. ANY SLOPE OR FILL WHICH HAS BEEN GRADED SHALL WITHIN THIRTEEN (13) DAYS OF THE COMPLETION OF SUCH GRADING OR THE COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE BE PROVIDED WITH GROUND COVER, MATERIALS, DEVICES, OR STRUCTURES SUFFICIENT TO RETAIN EROSION. THE BMPS SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE BMP PLAN UNTIL THE GRADED SLOPE OR FILL IS STABILIZED.
3. ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS, AND WITHIN 24 HOURS AFTER ANY RAINFALL AT THE SITE OF .75 INCH WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALLS, DAILY CHECKING AND, IF NECESSARY, REPAIRING SHALL BE DONE. THE PERMITTEE SHALL MAINTAIN WRITTEN RECORDS OF SUCH CHECKS AND REPAIRS, WHICH RECORDS SHALL BE SUBJECT TO THE INSPECTION OF THE OFFICIAL AT ANY REASONABLE TIME.
4. CONTROL MEASURES SHALL BE MAINTAINED AS AN EFFECTIVE BARRIER TO SEDIMENTATION AND EROSION IN ACCORDANCE WITH THE PROVISIONS OF THIS ORDINANCE.
5. ALL BEST MANAGEMENT PRACTICES SHALL BE DEVELOPED AND MAINTAINED BY THE CONTRACTOR ACCORDING TO THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, (MARCH 2014 ed.) BY THE ALABAMA SOIL AND WATER CONSERVATION COMMITTEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FAMILIARIZING HIMSELF WITH THE HANDBOOK AND THE STANDARDS AND MATERIALS CONTAINED THEREIN. THE HANDBOOK MAY BE PURCHASED FROM THE ALABAMA CHAPTER OF THE SOIL AND WATER CONSERVATION SOCIETY.
6. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED ACCORDING TO ALL ADEM AND EPA BEST MANAGEMENT PRACTICES AND THE NPDES PERMIT ASSOCIATED WITH THIS SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR, REPLACEMENT, AND/OR SUPPLEMENTATION OF ANY CONTROL MEASURES THAT ARE NOT FUNCTIONING PROPERLY. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN ON THE PLANS SHALL BE CONSIDERED A MINIMUM.

NOTES :

1. ALL LANDSCAPING AREAS SHALL BE AS PER THE LANDSCAPE DRAWING.
2. ALL REGRADED AREAS NOT TO BE PAVED, SHALL BE SEEDED AND MULCHED ACCORDING TO A.L.D.O.T. PERMANENT SEEDING SCHEDULES.
3. ALL BEST MANAGEMENT PRACTICES SHOWN SHALL BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE BMP'S ACCORDING TO ALL ADEM/EPA STANDARDS & SPECIFICATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, REPAIRING AND SUPPLEMENTING THE BMP'S SHOWN IN ORDER TO COMPLY W/THE NPDES PERMIT FOR THIS SITE.
5. THE CONTRACTOR SHALL MAINTAIN ALL BMP'S UNTIL AN ACCEPTABLE STAND OF GRASS HAS BEEN ACHIEVED AND A NOTICE OF TERMINATION HAS BEEN FILED W/ADEM
6. THE USE OF A PARTICULAR INLET PROTECTION METHOD SHALL BE APPROPRIATE FOR THE PHASE OF CONSTRUCTION.
7. ALL BMP'S LOCATED WITHIN THE RIGHT-OF-WAY SHALL BE MATERIALS APPROVED BY ALDOT AND SHALL BE INSTALLED AS PER ALDOT STDS. & SPECIFICATIONS

LEGEND

- CLASS-A WIRE REINFORCED SILTFENCE
- CONSTRUCTION ENTRANCE
- CLASS II RIP-RAP
- INLET PROTECTION
- FILTER SACK
- EROSION CONTROL BLANKET

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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201 45th STREET NE
FORT PAYNE, AL 35967

CHUN240037

ALABAMA LICENSED No. 38073 PROFESSIONAL ENGINEER COREY ANDREW SHOOP
12-12-2024

EROSION CONTROL PLAN

C-601

sheet of

SECTION 00 0103
PROJECT DIRECTORY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Identification of project team members and their contact information.

1.02 OWNER:

A. Name: Forty Payne City Schools
   1. Address Line 1: 205 45th Street NE
   2. City: Fort Payne
   3. State: AL
   4. Zip Code: 36967
   5. Telephone: 256-845-0915

B. Primary Contact: All correspondence from the Contractor to the Architect will be through this party, unless alternate arrangements are mutually agreed upon at preconstruction meeting.
   1. Title: Superintendent
   2. Name: Brian Jett
   3. Email: bjett@fpcsk12.com

1.03 CONSULTANTS:

A. Architect: Design Professional of Record. All correspondence from the Contractor regarding construction documents authored by Architect's consultants will be through this party, unless alternate arrangements are mutually agreed upon at preconstruction meeting.

   1. **Architect:**
      a. Company Name: GMC, LLC
      b. Address: 117 Jefferson St. North
      c. City: Huntsville
      d. State: AL
      e. Zip Code: 35801
      f. Telephone: 256-539-3431

   2. Primary Contact:
      a. Title: Project Manager
      b. Name: Jay W. Purkey, AIA NCARB
      c. Email: jay.purkey@gmcnetwork.com

B. Civil Engineering Consultant:

a. Company Name: GMC, LLC
b. Address: 2400 5th Ave South, Suite 200
c. City: Birmingham
d. State: AL
e. Zip Code: 35223
e. Telephone: 205-879-4462

2. Primary Contact:
   a. Title: Civil Engineer
   b. Name: Corey Shoop, PE
   c. Email: Corey.shoop@gmcnetwork.com

C. Landscape Architecture Consultant:

1. Company Name: GMC, LLC
   a. Address: 2400 5th Ave. South, Suite 200
   b. City: Birmingham
   c. State: AL
   d. Zip Code: 35233
   f. Telephone: 205-879-4462

2. Primary Contact:
   a. Title: Landscape Architect.
   b. Name: Amanda Fonte
   c. Email: Amanda.fonte@gmcnetwork.com

D. Structural Engineering Consultant:

a. Company Name: 200 Chase Park South, Suite 125
b. Address: 3300 Cahaba Road, Suite 210
c. City: Hoover
d. State: AL
e. Zip Code: 35244
f. Telephone: 205-824-5200

2. Primary Contact:
   a. Title: Principal
   b. Name: Craig Winn, PE
   c. Email: Cwinn@sdg-us.com

E. **Mechanical, Plumbing and Electrical Engineering Consultant:**

a. Company Name: Rocket MEP
b. Address: P.O Box 127
c. City: Gurley
d. State: AL
e. Zip Code: 35748
f. Telephone: 256-203-6373

2. Primary Contact:

a. Title: President, Electrical Engineer
b. Name: Josh Meharg, PE.
c. Email: Josh@rocketmep.com

1.04 CONSTRUCTION MANAGER:

a. Company Name: Scout Program Management
b. Address: 850 Corporate Parkway #114
c. City: Birmingham
d. State: AL
e. Zip Code: 35242
f. Telephone: 205-484-9629

2. Primary Contact:

a. Title: Principal
b. Name: Jay Grubbs
c. Email: Jay@scoutpm.com

1.05 PART 2: PRODUCTS - NOT USED

1.06 PART 3: EXECUTION NOT USED

END OF SECTION

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END OF SECTION

State of Alabama
Disclosure Statement

Required by Article 3B of Title 41, Code of Alabama 1975

ENTITY COMPLETING FORM

ADDRESS

CITY, STATE, ZIP TELEPHONE NUMBER

STATE AGENCY/DEPARTMENT THAT WILL RECEIVE GOODS, SERVICES, OR IS RESPONSIBLE FOR GRANT AWARD

ADDRESS

CITY, STATE, ZIP TELEPHONE NUMBER

This form is provided with:

☐ Contract ☐ Proposal ☐ Request for Proposal ☐ Invitation to Bid ☐ Grant Proposal

Have you or any of your partners, divisions, or any related business units previously performed work or provided goods to any State Agency/Department in the current or last fiscal year?

☐ Yes ☐ No

If yes, identify below the State Agency/Department that received the goods or services, the type(s) of goods or services previously provided, and the amount received for the provision of such goods or services.

STATE AGENCY/DEPARTMENT	TYPE OF GOODS/SERVICES	AMOUNT RECEIVED

Have you or any of your partners, divisions, or any related business units previously applied and received any grants from any State Agency/Department in the current or last fiscal year?

☐ Yes ☐ No

If yes, identify the State Agency/Department that awarded the grant, the date such grant was awarded, and the amount of the grant.

STATE AGENCY/DEPARTMENT	DATE GRANT AWARDED	AMOUNT OF GRANT

1. List below the name(s) and address(es) of all public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF PUBLIC OFFICIAL/EMPLOYEE	ADDRESS	STATE DEPARTMENT/AGENCY

2. List below the name(s) and address(es) of all family members of public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the public officials/public employees and State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF FAMILY MEMBER	ADDRESS	NAME OF PUBLIC OFFICIAL/ PUBLIC EMPLOYEE	STATE DEPARTMENT/ AGENCY WHERE EMPLOYED

If you identified individuals in items one and/or two above, describe in detail below the direct financial benefit to be gained by the public officials, public employees, and/or their family members as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

Describe in detail below any indirect financial benefits to be gained by any public official, public employee, and/or family members of the public official or public employee as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

List below the name(s) and address(es) of all paid consultants and/or lobbyists utilized to obtain the contract, proposal, request for proposal, invitation to bid, or grant proposal:

NAME OF PAID CONSULTANT/LOBBYIST	ADDRESS

By signing below, I certify under oath and penalty of perjury that all statements on or attached to this form are true and correct to the best of my knowledge. I further understand that a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed $10,000.00, is applied for knowingly providing incorrect or misleading information.

Signature Date

Notary's Signature Date Date Notary Expires

Article 3B of Title 41, Code of Alabama 1975 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of $5,000.

Revised: 09/2013

_____
CONTRACTOR

ATTACHMENT A

TO PROPOSAL FORM

1.1 UNIT PRICES:

A. The undersigned proposes the following Unit Prices for additions to or deductions from the Work wherein Unit Prices are applicable as determined by the Architect and Owner. These Unit Prices include all charges for labor and materials, fee, layout, supervision (field and home office), general expenses, taxes, insurance, overhead and profit, for Unit Item of Work in place. The Contract sum shall be increased or decreased based upon quantity difference multiplied by the applicable Unit Price, in accordance with the General Conditions.

B. Refer to Section 01 2200
the complete Unit Price Item description.

C. Submit the following Unit Prices with the Proposal Form on Bid Date.

	ITEM DESCRIPTION:	UNIT:*	UNIT PRICE:
1.	Mass Earth Excavation	CY	$ _____
2.	Trench Earth Excavation	CY	$ _____
3.	Hand Earth Excavation	CY	$ _____
4.	Additional Soil:		
	a. Topsoil	CY	$ _____
	b. General or Open Site Areas (Offsite Source)	CY	$ _____
	c. General or Open Site Areas (Onsite Source)	CY	$ _____
	d. Trench Backfill	CY	$ _____
	e. Select Fill (Offsite Source)	CY	$ _____
	f. Select Fill (Onsite Source)	CY	$ _____
5.	Rock, Masonry, or Concrete Excavation in Trenches and Pits, below elevations indicated:	CY	$ _____
6.	Rock, Masonry, or Concrete Excavation in Open Excavation, below elevations indicated:	CY	$ _____
7.	Sod	SY	$ _____
8	Concrete Mud Footings	CY	$ _____

9.	Undercut & Backfill in Building Control Areas Quantity to Earthwork Allowance: 1000 CY	CY	$ _____
10.	Undercut & Backfill in Non-Building Control Areas	CY	$ _____
11.	Crushed Stone	TN	$ _____
12.	Concrete Sidewalk	SF	$ _____
13.	VCT Flooring	SF	$ _____
14.	Gypsum Board Ceiling	SF	$ _____
15.	Painting (Wall)	SF	$ _____
16.	Painting (Ceiling)	SF	$ _____
17.	Sealed Concrete	SF	$ _____

END OF ATTACHMENT A TO PROPOSAL FORM

SECTION 01 2100
ALLOWANCES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Cash allowances.

B. Contingency allowance.

1.02 RELATED REQUIREMENTS

A. Section 01 2000 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CASH ALLOWANCES

A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts, less cost of delivery to site , less applicable taxes .

B. Costs Not Included in Cash Allowances: Product delivery to site and handling at the site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing. _____ .

1.04 CONTINGENCY ALLOWANCE

A. Contractor's costs for products, delivery, installation, labor, insurance, payroll, taxes, bonding, equipment rental, overhead and profit will be included in Change Orders authorizing expenditure of funds from this Contingency Allowance.

B. Funds will be drawn from the Contingency Allowance only by Change Order.

C. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.

1.05 DESCRIPTION OF REQUIREMENTS:

A. Definitions and Explanations: Certain requirements of the work related to each allowance are shown and specified in contract documents. The allowance has been established in lieu of additional requirements for that work, and further requirements thereof (if any) will be issued by change order.

B. Types of allowances scheduled herein for the work included the following:
   1. Unit cost allowances.
   2. Lump sum allowances.

C. Selection and Purchase:
   1. At earliest feasible date after award of Contract, advise Architect/Engineer of scheduled date when final selection and purchase of each product or system described by each allowance must be accomplished in order to avoid delays in performance of the work.
   2. As requested by the Architect/Engineer, obtain and submit proposals for the work of each allowance for use in making final selections; include recommendations for selection which are relevant to the proper performance of the work.
   3. Purchase products and systems as specified, and as selected (in writing) by the Architect/Engineer.
   4. Submit proposals and recommendations, for purchase of products or systems of allowances, in form specified for change orders.

D. Change Order Data: Include in each change order proposal both the quantities of products being purchased and unit costs, along with total amount of purchases to be made. Where requested, furnish survey-of-requirements data to substantiate quantities. Indicate applicable delivery charges, amounts of applicable trade discounts, and other relevant details as requested by the Architect.

1. Each change order amount for allowances shall be based on the unit price difference between the actual purchase amount and the allowance, multiplied by the final measure or count of work-in-place, with reasonable allowances, where applicable, for cutting losses, tolerances, mixing wastes, normal product imperfections and similar margins.
2. Include overhead and profit in the Contractor's Allowance.
3. When requested, prepare explanations and documentation to substantiate the quantities, costs, and margins as claimed.

E. Change Order Mark-Up:
1. Except as otherwise indicated, comply with provisions of General Conditions. For each allowance, Contractor's claims for increased costs (for either purchase amount or Contractor's handling, labor, installation, overhead, and profit), because of a change in scope or nature of the allowance work as described in contract documents, must be submitted within 60 days of initial change order authorizing work to proceed on that allowance; otherwise, such claims will be rejected.
2. Where it is not economically feasible to return unused material to the manufacturer/supplier for credit, prepare unused material for the Owner's storage, and deliver to the Owner's storage space as directed. Otherwise, disposal of excess material is the Contractor's responsibility.

F. Time and Allowance Amounts:
1. Nothing in the Bid or Contract Documents shall be so construed or interpreted as to provide a Contract time extension, due to use or non-use of any Allowance amount.
2. Nothing in the Bid or Contract Documents shall be so construed or interpreted as to allow unused Allowances or any portion thereof, nor any overhead and profit therefor to be retained by or paid to the Contractor.
   a. Full amount of unused allowances shall be returned to the Owner.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 SCHEDULE OF LUMP SUM ALLOWANCES:

A. **Allowance No. 01 - AID TO CONSTRUCT COST (Cash Allowance):**
1. Allow a lump sum price of ONE HUNDRED THOUSAND DOLLARS ($100,000.00) for the Aid to Construct Cost for on-site utilities.
2. Include overhead and profit in Base Bid and not part of Allowance.

B. **Allowance No. 02 - OWNER CONTINGENCY (Contingency Allowance)**
1. Allow a lump sum price of SEVEN HUNDRED FIFTY THOUSAND DOLLARS ($750,000.00) as an Owner Contingency Allowance.
2. Include overhead and profit in Base Bid and not part of Allowance.
3. Use of this contingency by approval o

C. **Allowance No. 03 - EMERGENCY RESPONDER RADIO COVERAGE SYSTEM (Cash Allowance)**
1. Allow a lump sum price of SIXTY FIVE THOUSAND DOLLARS ($65,000.00) for work associated with the purchase and installation of an Emergency Responder Radio Coverage System if found to be required after testing of the facility.
2. See Section 28 7800 - Emergency Radio Responder Coverage System for requirements. Costs associated with testing to identify if the system is required shall be included in the Base Bid, and NOT as part of Allowance.
3. Include overhead and profit in Base Bid and not part of Allowance.

D. **Allowance No. 04 - SIGNAGE (Cash Allowance):**

1. Allow a lump sum price of ONE HUNDRED THOUSAND DOLLARS ($100,000) for the signage, including design, purchase, all taxes, delivery to job site, installation, and all related costs, in accordance with Section 10 1400 - "Signage". Selections and copy will be furnished by Architect after bidding.
2. Installation and installation materials costs shall be included in Allowance, and not as a part of Base Bid.
3. Include overhead and profit in Base Bid and not part of Allowance.
4. Building plaques are to be included in Base Bid, and not as part of Allowance.

E. **Allowance No. 05 - POWER AND DATA (Cash Allowance):**
1. Allow a lump sum price of TWENTY FIVE THOUSAND DOLLARS ($25,000) for work associated with power and data items not currently outlined in the scope of work.
2. Installation and installation materials costs shall be included in Allowance, and not as a part of Base Bid.
3. Include overhead and profit in Base Bid and not part of Allowance.

F. **Allowance No. 06 – PERMANENT CORES AND KEYS:**
1. Allow a lump sum of TWELVE THOUSAND DOLLARS ($12,000.00) for purchase of permanent keyed cores and keys, as directed by owner. Cores to be used in lock cylinder housings supplied under Division 08 - Section 087100 Door Hardware. Provide each core with one operating key. New key system for schools shall include: 5 master keys per master key group created, 2 permanent control keys, 5 grand master keys, 5 great grand master keys, and 100 blanks.
2. Include installation of permanent cores and installation material costs in Base Bid, and not as part of Allowance.
3. Include overhead and profit in Base Bid, and not as part of Allowance.

G. **Allowance No. 07- ADDITIONAL SECURITY CAMERAS AND ACCESS CONTROLS**

H. 1. Allow a lump sum of TEN THOUSAND DOLLARS ($10,000.00) for purchase of additional camera's and access controls and any related items for a complete system.

I. 2. Include shipping, delivery, taxes, and installation as part of the the Allowance.

J. **Allowance No. 08 – ADDITIONAL WALL HUNG SCOREBOARDS:**
1. Allow a lump sum of TWENTY THOUSAND DOLLARS ($20,000.00) for purchase of wall hung scoreboards.
2. Include installation of permanent cores and installation material costs in Base Bid, and not as part of Allowance.
3. Include overhead and profit in Base Bid, and not as part of Allowance.

K. **Allowance No. 09 – INTERIOR WALL GRAPHICS:**
1. Allow a lump sum of SEVENTY - FIVE THOUSAND DOLLARS ($75,000.00) for purchase of and installation of interior wall graphics
2. Include installation of permanent cores and installation material costs in Base Bid, and not as part of Allowance.
3. Include overhead and profit in Base Bid, and not as part of Allowance.

L. **Allowance No. 10 – MASONRY VENEER :**
1. Allow an allowance of $650/1000 units for exterior masonry including cast stone.
2. Allow for up to 3 different mortar colors at $30.00/ bag.
3. Include installation of permanent cores and installation material costs in Base Bid, and not as part of Allowance.
4. Include overhead and profit in Base Bid, and not as part of Allowance.

M. **Allowance No. 11 – OWENER ENTERTAINMENT LIGHTING SYSTEM :**

1. Allow an allowance of FIFTY THOUSAND DOLLARS ($50,000.00) for the design, purchase, and installation of an entertainment lighting system for the gymnasium.
2. Do not include overhead and profit in Base Bid.

N. **Allowance No. 12 – WOOD ATHLETIC FLOORING :**
1. Allow an allowance of TWO HUNDRED TWENTY THOUSAND DOLLARS ($220,000.00) for the purchase, and installation of wood athletic flooring as depicted in the drawings.
2.
   a. The allowance shall cover purchase, delivery, installation, sanding, painting, staining, and finish clear coating per the court markings and court logo plan in the drawings.
   b. Include also installation of volley ball equipement posts sleeves and lids along with core drilling.
   c. Include installation of standard aluminum threasholds where wood floor meets doors and vented rubber cove base where wood floor meets walls.
3. Include overhead and profit in Base Bid not part of the allowance.

3.02 SCHEDULE OF UNIT PRICE ALLOWANCES:

A. **Allowance No. 13 - UNDERCUT AND BACKFILL IN BUILDING CONTROL AREA**
1. In accordance with Section 01 2200 - Unit Prices and Section 31 2000 - Earth Moving, include an Allowance for the quantity identified. The Allowance value will be adjusted up or down based on the actual quantity of the Work.
2. See Section 01 2200 - Unit Prices for costs to be included and procedures for payment of Unit Price work.
3. Calculating Allowance No. 013:
   a. Unit Price Item C: Undercut and Backfill with offsite material in Building Control Area
   b. Quantity of (225) Cubic Yards (CY)
   c. Unit Price for each CY $_____.
   d. Total Allowance No. 13 Value (b x c): $ _____.

B. **Allowance No. 14 - UNDERCUT AND BACKFILL IN PAVEMENT CONTROL AREA**
1. In accordance with Section 01 2200 - Unit Prices and Section 31 2000 - Earth Moving, include an Allowance for the quantity identified. The Allowance value will be adjusted up or down based on the actual quantity of the Work.
2. See Section 01 2200 - Unit Prices for costs to be included and procedures for payment of Unit Price work.
3. Calculating Allowance No. 14:
   a. Unit Price Item D: Undercut and Backfill with offsite material in Pavement Control Area
   b. Quantity of (175) Cubic Yards (CY)
   c. Unit Price for each CY $_____.
   d. Total Allowance No. 14 Value (b x c): $ _____.

C. **Allowance No. 15 - REMOVAL AND REPLACEMENT OF EXISTING SIDEWALKS**
1. See Section 01 2200 - Unit Prices for costs to be included and procedures for payment of Unit Price work.
2. Calculating Allowance No. 15:
   a. Unit Price Item D: Removal and replacement of existing sidewalks
   b. Quantity of (365) Square Yards (SY)
   c. Unit Price for each CY $_____.
   d. Total Allowance No. 15 Value (b x c): $ _____.

D. **Allowance No. 16 - REMOVAL AND REPLACEMENT OF FULL DEPTH ASPHALT**

1. See Section 01 2200 - Unit Prices for costs to be included and procedures for payment of Unit Price work.
2. Calculating Allowance No. 16:
   a. Unit Price Item D: Removal and replacement of full depth ashpalt
   b. Quantity of (125) Square Yards (SY)
   c. Unit Price for each CY $_____.
   d. Total Allowance No. 16 Value (b x c): $ _____.

END OF SECTION

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SECTION 031230 – STADIUM SEATING PERMANENT RISER FORMING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. System Description:

1. Provide termite resistant Rigid Polystyrene blocks that have been factory fabricated to fit project dimensions; eliminating field cutting and site generated waste. Metal riser system to provide self-supporting formwork for concrete floor slabs. Provide system that has been designed to withstand loads specified on the structural drawings and to maintain the performance requirements stated by manufacturer without defects, damage or failure.

B. This Section includes the following:

1. Straight Riser system for floor mounted seating.
2. Step Forms.
3. Loop Handrails.

C. Related Sections include the following:

1. Division 3 Section "Cast-in-place Concrete" for concrete reinforcing and slabs poured on top of permanent form system.
2. Division 5 Section for miscellaneous metal screws and power actuated fasteners.

1.3 SUBMITTALS

A. Shop Drawings: Show layout and dimensions of each permanent riser form area. Indicate location, size, and gage of riser and step forms. Provide cross section of each form area indicating height and depth of each tier and thickness of each Geofoam layer. Provide plan view of each layer of Geofoam with each part identified and dimensioned.

B. Product Data: Submit product data, including manufacturer’s TECH-DATA product sheet, for specified products.

C. Test Compliance: Summary of test compliance with specified performance characteristics and physical properties.

D. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria, and physical requirements. Manufacturer shall supply a hard copy product certificate showing compliance to ASTM C 578 and Third Party Quality Control.

E. Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents. Warranty period to be 25 years commencing on Date of Substantial Completion.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Protect cold-formed metal parts from corrosion, deformation, and other damage during delivery, storage, and handling.

B. Store cold-formed metal parts, protect with a waterproof covering, and ventilate to avoid condensation.

C. Protect plastic insulation as follows:

1. Do not expose to sunlight, except to extent necessary for period of installation and concealment.
2. Protect against ignition at all times. Do not deliver plastic insulating materials to project site before installation time.
3. Complete installation and concealment of plastic materials as rapidly as possible in each area of construction.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.

B. Regulatory Requirements: Installation must comply with the requirements of all applicable local, state and national jurisdictions.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Steel Sheet: ASTM-A569 Hot-rolled Steel, ASTM-A366 Cold-rolled steel, or ASTM-A621 Hot-rolled Pickeled & Oiled Steel.

B. Molded, Rigid Cellular Polystyrene Blocks: Comply with manufacturer's requirements, ASTM C 578 for Type I EPS, and the following:

1. Minimum density: 0.90 pounds per cubic foot
2. Flame-Spread and Smoke-Developed Indexes: 25 and 450 or less, respectively, per ASTM E 84.
3. Minimum Compressive Resistance at yield or 10% deformation = 10 pounds per square inch (1,440 pounds per square foot).
4. Minimum Compressive Resistance at 1% deformation = 3.0 pounds per square inch (432 pounds per square foot).
5. Flexural strength, min = 25 psi
6. Blocks shall contain no CFC's, HCFC's, HFC's, or formaldehyde

2.2 METAL RISERS FOR FLOOR MOUNTED SEATING

A. Steel Risers for Straight Rows: Manufacturer's standard Z-shaped formed primed steel riser, punched for connector brackets and foam brackets, and as follows:

1. Minimum Uncoated-Steel Thickness: 16 Ga.
2. Height: As indicated.
3. Length: Ten Feet (10'-0")

2.3 MISCELLANEOUS PARTS:

A. Manufacturer's standard 16 gage oiled steel parts for connecting risers end-to-end and connecting risers to Geofoam.

1. Foam Brackets: Fabricated to interlock with slots in risers without the need for welds or other fasteners. Provide barbs for positive attachment to foam.
2. Connector Brackets: Fabricated to interlock with slots at the end of adjacent risers without the need for welding or other fasteners.

B. Gripper Plates: Manufacturer's standard galvanized barbed plates for installation between Geofoam layers used to restrain Geofoam from moving laterally between layers. It is the responsibility of the designer/applicator to determine the load requirements of the project for determining the number of Gripper Plates required.

C. Embedded Anchor Bolts for Stadium Riser Chair Installation: 3/8" diameter proprietary bolt assembly with self positioning plastic sleeve.

1. Furnish washers, nut, and protective thread cover with each bolt assembly.

D. Step Forms: Manufacturer's standard 16 Ga. primed steel formed and welded step forms as follows:

1. Height, Width, and Depth: As indicated on drawings.
2. Inserts: Provide square sleeve welded to step for handrail installation

E. Loop Handrails: Manufacturer's standard pipe handrail, ASTM A 53, for individual step locations and as follows:

1. Type F, or Type S, Grade A, standard weight (Schedule 40)
2. Size: 1-1/2" Nominal Diameter (1.900"O.D.)

2.4 FABRICATION

A. Fabricate Rigid Polystyrene blocks, square, and true to dimension.

B. Factory cut individual blocks for delivery to site and installation without the need for subsequent field cutting.

1. Collect cut-off waste at factory for recycling as post-industrial content. Do not require field fabrication and disposal of Rigid Polystyren in the field.

C. Marking and Identification: Individual Rigid Polystyrene blocks shall be marked as follows:

1. Room number identification.
2. Layer I.D. letter and part number identification.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine supporting substrates and abutting structural framing for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. Install system in compliance with Architect's plans and shop drawings.

B. Rigid Polystyren Block Installation: Install blocks in layers at locations indicated on shop drawings. Hold dimensions on shop drawings and Architect's plans.

1. Place gripper plates between each layer of Polystyrene in quantities as noted on shop drawings.

C. Metal Riser Installation: Install metal risers plumb and square. Brace riser to Foam with foam brackets inserted into slots in the riser face. Connect risers end-to-end with connector brackets inserted into slots in the riser ends. Trim end riser in each row to fit field verified row dimension.

1. Do not weld risers or cut risers with torch in the same room as installed or stored polystyrene blocks. Protect polystyrene foam against ignition at all times.

D. Step Form Installation: Install step forms in locations shown on shop drawings. Screw step forms to metal riser face with self-tapping sheet metal screws.

END OF SECTION 031230

SECTION 07 4633
PLASTIC SIDING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Plastic soffit and trim.

1.02 RELATED REQUIREMENTS

A. Section 05 4000 - Cold-Formed Metal Framing: Water-resistive barrier under siding.

B. Section 07 2100 - Thermal Insulation: Insulation board applied over sheathing before siding installation.

C. Section 07 2500 - Weather Barriers: Water-resistive barrier under siding.

D. Section 07 9200 - Joint Sealants: Sealing joints between siding and adjacent construction and fixtures.

1.03 REFERENCE STANDARDS

A. ASTM D635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position; 2022.

B. ASTM D3679 - Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding; 2021.

C. ASTM D4477 - Standard Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit; 2022.

D. VSI (INST) - Vinyl Siding Installation Manual; 2020.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.

C. Color Samples: Where colors are not specified, provide samples of manufacturer's entire color line for selection.

1.05 QUALITY ASSURANCE

A. Installer Qualifications: Not less than three years of experience with products specified.

1.06 DELIVERY, STORAGE, AND HANDLING

A. See Section 01 7419 - Construction Waste Management and Disposal for packaging waste requirements.

B. Store products in manufacturer's unopened packaging until ready for installation.

C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.07 FIELD CONDITIONS

A. Do not install siding when air temperature or relative humidity are outside manufacturer's limits.

1.08 WARRANTY

A. See Section 01 7800 - Closeout Submittals for additional warranty requirements.

B. Extended Correction Period: Correct defective work within 2-year period commencing on Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Plastic Soffit Panels:
   1. Alside, Inc; _____: www.alside.com/#sle.
   2. Sagiper North America Inc; Sagirev Soffit Panels: www.sagipernorthamerica.com/#sle.
   3. Certain Teed Corporation; www.certainteed.com.
   4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 MATERIALS

A. General Requirements:
   1. Soffit: Complying with ASTM D4477.
   2. Horizontal Flammability: When tested in accordance with ASTM D635.
      a. Burn Distance: 0.79 inch, maximum.
      b. Burn Time: Less than five seconds.

B. Plastic Soffit Panels, Type _____:
   1. Profile: Flat Board, Single 8-Inch; 8 inches wide; 8 inch exposure.
   2. Thickness: 0.038 inch, minimum.
   3. Length: 12 feet, minimum.
   4. Nailing Hem: Single layer, with 1-1/8 inch long nail holes at maximum 18 inches on center.
   5. Finish: Smooth.
   6. Color: As selected by Architect from manufacturer's full range of available colors.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine substrate conditions before beginning installation; verify dimensions and acceptability of substrate.

B. Verify that water-resistive barrier has been installed over substrate completely and correctly; see Section 05 4000.

C. Do not proceed with installation until unacceptable conditions have been corrected.

D. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 PREPARATION

A. Protect surrounding areas and adjacent surfaces during execution of this work.

3.03 INSTALLATION

A. Install siding, soffit, and trim in accordance with manufacturer's printed installation instructions and VSI (INST).

B. Attach securely to framing, not sheathing, with horizontal components true to level and vertical components true to plumb, providing a weather resistant installation.

C. Clean dirt from surface of installed products, using mild soap and water.

3.04 CLEANING

A. See Section 01 7000 - Execution and Closeout Requirements for additional requirements.

B. Clean exposed work upon completion of installation; remove grease and oil films, excess joint sealer, handling marks, and debris from installation, leaving work clean and unmarked, free from dents, creases, waves, scratch marks, or other damage to finish.

3.05 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Date of Substantial Completion.

END OF SECTION

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SECTION 10 1416
PLAQUES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Plaques.

1.02 REFERENCE STANDARDS

A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.

B. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

1.03 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's product literature for each type of plaque sign, indicating style, font, foreground and background colors, locations, and overall dimensions of each sign.

C. Shop Drawings: Indicate dimensions, locations, elevations, materials, text and graphic layout, and attachment details.

D. Manufacturer's qualification statement.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Package plaque signs as required to prevent damage before installation.

B. Store under cover and elevated above grade.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Plaques:
   1. A.R.K. Ramos: www.arkramos.com/#sle.
   2. FASTSIGNS International, Inc; _____: www.fastsigns.com/#sle.
   3. Takeform; ____: www.takeform.net/#sle.
   4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 PLAQUES

A. Metal Plaques:
   1. Material: Bronze casting.
   2. Material Thickness: Manufacturer's standard.
   3. Size: 18 inches by 30 inches.
   4. Text and Typeface:
      a. Character Font: Times or other serif font.
      b. Character Case: Upper and lower case (title case).
      c. Character Color: Contrast with background color.
   5. Background Texture: Pebble.
   6. Surface Finish: Brushed, satin.

7. Painted Background Color: Light oxide stain.
8. Protective Coating: Manufacturer's standard clear coating.
9. Mounting: Rosettes and toggle bolts.
    a. Rosette Style: Star.
    b. Rosette Diameter: 3/4 inch.

2.03 ACCESSORIES

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

B. Exposed Screws: Solid brass.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Protect from damage until mm-dd-yyyy; repair or replace damaged items.

END OF SECTION

Fort Payne High School Competition Gym and Classroom Addition **GMC RFI Log**

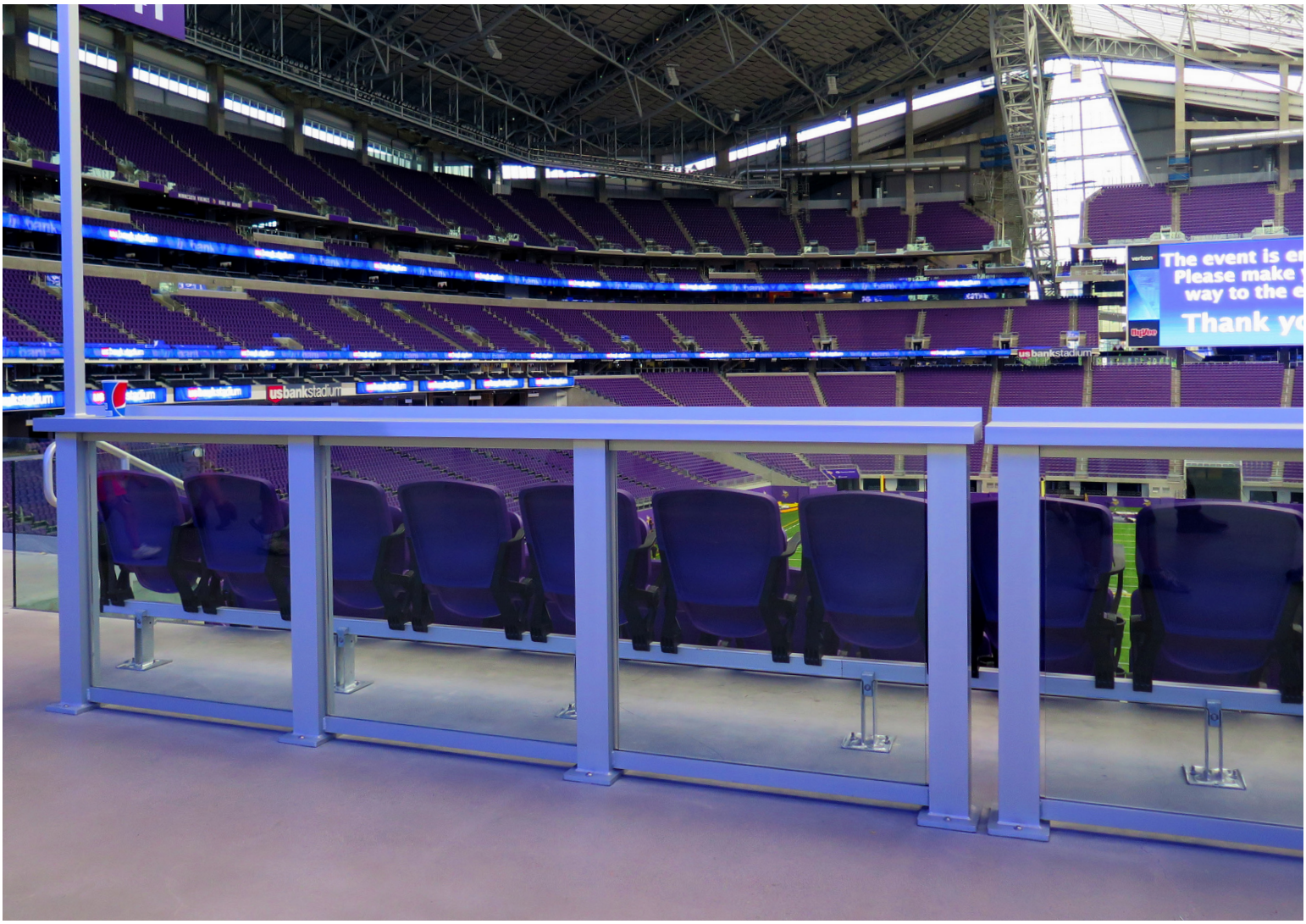
NO.	REC'D	QUESTION	RESP. Date	RESPONSE	ADD.	WHO
1	11/25/2024	Can you clarify flooring specifications for resielient and wood floors		Remove spec for flooring from Add 1. Flooring will be purchased direct by the Owner from an allowance. See updated allowance sheet.	1	
2	11/25/2024	Can the bid date be pushed untill after the holidays	12/6/2024	Only if the DCM Final Review / Approval has not been granted		
3	11/25/2024	Provide finish hardware spec		See specifications section added	1	
4	11/25/2024	Provide first page of section 0 3360		See specifications it is in there		
5	11/25/2024	Provide bleacher & seating specification		Bleachers and seating is direct by Owner. Not in the bid.		
6	12/3/2024	Does this project require BIM coordination	12/6/2024	No		
7	12/3/2024	Can the REVIT model be shared	12/6/2024	No		
8	12/3/2024	Can CAD files be provided	12/6/2024	Yes see CAD release and fee sheet in addendum	1	
9	12/3/2024	Will the GC be required to use/pay for E-Builder Service	12/6/2024	No, E-Builder will not be utilized on this project		
10	12/3/2024	Page 2 of the Allowance Section is missing	12/6/2024	See revised allowance section attached in Addendum 1	1	
11	12/3/2024	Please provide Unit Price Cost Sheet for the Allowances Section	12/6/2024	See attached in Addendum 1	1	
12	12/3/2024	Provide per/bag allowance for colored mortar	12/6/2024	See revised section in Addendum 1	1	
13	12/4/2024	Who is responsible for Utility Connection Fees/Aid to Construct Fees?	12/6/2024	See Allowance 1 in Section 01 2100		
14	12/4/2024	Civil dwgs show FFE 974.50 & Arch shows FFE @ 971.17 , Please advise	12/12/2024	See attached revised Civil sheets in Addendum 2. Note that the elevations of the exterior stair in the front and the landscape planting walls has changed. Also note, the change in the sidewalkand stair elevations and layout on the south side. Note also that each of the exterior stairs shall receive 1-1/2" powder coated handrails on each side that meet ADA	2	
15	12/4/2024	Please clarify slab thicknesses out side the court area? 6" under seating?	12/6/2024	6" slabe under all geofoam at CMU and conc. walls including bleachers and exterior stairs. See detail 12/S3.01 for slab transition. See attached dwg in Addendum 1 depicting area for 6" slab. Note 8" slab at storage system area per note on S2.00	1	
16	12/4/2024	Please provide mud slab detail at gym floor slab on grade	12/6/2024	See revised detail sheet in Addendum 1		
17	12/4/2024	Please provide detail for retaining wall on sheet C2.01	12/624	See revised detail sheet in Addendum 1		
18	12/5/2024	Please clarify where colored stained concrete is in the project	12/6/2024	References to stained concrete do not apply to this project		
19	11/26/2024	Should exterior glazing be 1" and interior glazing be 1/4"	12/6/2024	Yes		
20	11/26/2024	Are storefront elevations SF-6 & 7 to be 1hr rated systems	12/6/2024	All the doors in the structural 1 hr rated walls are required to be 45 min. Any glazing in these openings shall be required to match that rating.		
21	11/26/2024	Where are spandrel glass IG-1 & 2 located	12/6/2024	There is no sprandrel glass in the scope		
22	11/26/2024	Do storefront doors 208 A thru G require rated glazing 1" or 1/4"	12/6/2024	No ratings. Theses are typical heavy duty storefront doors w/ 1" glazing units		
23	11/26/2024	Does the trophy case require cable suspended shelving	12/6/2026	Yes, per details		
24	11/26/2024	Is 3" roof deck shown on S2.03 to be acoustical deck	12/12/2024	Yes in the open gym arean area		
25	11/26/2024	Spec Sections reference intergrated A/V systems in TOC are missing	12/6/2024	This is a typo in the table of contents and does not apply to this project		
26	11/26/2024	Does the project have auger cast piles	12/6/2024	No, this is typo in the table of contents		
27	11/26/2024	Does any of the glazing receive film	12/6/2026	No this is a typo in the spec and will be removed		
28	11/27/2024	Please provide detail for hollow core penetration		Per note 6 on S2.01 coordinate mechancial openings with hollow core supplier prior to fabrication of panels. Hollow core supplier shall show and design for openings on their shop drawing submittal - SDG	1	
29	11/27/2024	Are their additional specifications for the center hung scoreboard	12/6/2021	See cut sheet provided in Addendum 2	2	
30	11/27/2024	Are their additional specifications for the cosmotology equipment	12/11/2024	Sheet A7.04 has all the information		
31	11/27/2024	Is it accepted to core drill into concrete walls for toilets and vents		Acceptable to a mzx of 4" into walls. Avoid #4 's at 12 EW in face of wall		
32	11/27/2024	Verify mounting location of clieling mount bball goals	12/12/2024	See revised sheet S2.03	2	
33	11/27/2024	Clarify spec & or allowances for signage, cubicle curtains and roller shades		Signage Allowance is in the spec manual. No curtains in the project		
34	11/25/2024	Is Alabam Disclosure Statement required	12/6/2024	Yes to be in bid envelope		
35	12/2/2024	Provide dimensions on seating risers	12/6/2024	See revised dwg attached to Addendum 1	1	
36	12/2/2024	Who is responsible for relocating monument sign	12/6/2024	The General Contractor		
37	12/2/2024	Clarify allowance for signage	12/6/2024	Signage Allwance is in the spec manual. Wall graphics allowance is also in the spec manual.		
38	12/3/2024	Provide PSI for topping slab	12/6/2024	See Note 4.2 on S1.00 Unless noted use 4000PSI. Hollow core mfr. can use up to 2" of conc. topping slab for composite action and will specify a conc. strength required. The strenght specified by the mfr. shall control unless otherwise noted. SDG		
39	12/3/2024	Clarify finished floor elevations	12/6/2024	See revised Civil Plans attached to Addendum 2	2	
40	12/3/2024	Are the planter walls to be concrete or CMU	12/6/2024	Concrete. Go with S-sheet details.		
41	12/5/2024	Is the instructors chair in the scope , if so provide spec	12/6/2024	Not in scope	1	
42	12/5/2024	Clarify the void space next to weight room on sheet A6/5.11	12/6/2024	See revised drawing attached Addendum 1	1	
43	12/5/2024	Clarify coordination between details 9/S3.04 & E8/A5.21	12/6/2024	Details on A sheet shows light gauge framing that struct does not cover		
44	12/5/2024	Clarify location of perforated black soffit in detail E8/A5.21	12/6/2024	On the bottom of the air space and conc. beam to cover the gap		
45	12/5/2024	Are any of the roll up doors fire rated and / or counter roll up doors	12/6/2024	Roll up doors are not rated. Concesions doors shall be counter	1	
46	12/5/2024	Can utilities be ran under the footings to avoid step footings	12/6/2024	All utilities are to extend above footings per dwgs. SDG		
47	12/5/2024	Is there a limited action elevator in the project	12/6/2024	No		
48	12/6/2024	Is there an irrigation system planned for the project	12/6/2024	No		
49	12/6/2024	Should there be TPO and metal deck on pre-fab canopy	12/6/2024	No, this will utlitmately be designed by the mfr w/ shop dwgs.		
50	12/6/2024	Who is purchasing and installing the refrigerator and microwave	12/6/2024	Owner Furnished Contractor Installed		
51	12/6/2024	Clarify thickness of phenolic lockers and location of shelf	12/11/2024	Standard thickness is acceptable. Note Change to Spec Section 10 5129 Lockers, Part 2 Products Paragraph 2.02 A. line #5 a. change from upper shelf to:Top Option Lock Box with Open Cubby. Also change line #5 f. to :Seat base option-Lift up seat with vent holes. The depth of the lockers is 18"		
52	12/9/2024	Where is the dampproofing required	12/10/2024	On conc. and masonry subgrade		
53	12/9/2024	Confirm if below grade shoring can be left in place after construction	12/11/2024	The recommendations made in the report are for permanent slopes. We recommend that temporary slopes do not exceed 1.5(H): 1(V). Temporary slopes shall be protected from the weather and monitored for movement. OSHA regulations shall be followed during construction. The soils at the site should be considered Type B soils according to OSHA regulations. If steeper temporary slopes are required, we recommend a shoring plan be developed by the contractor and submitted for review. We typically do not have an issue with leaving the shoring in-place after construction as long as it does not interfere with any other structures or utilities.		
54	12/9/2024	Provide spec for vynle soffit	12/12/2024	See Section 07 4633 attached to Addendum 2	2	
55	12/9/2024	Are below grade walls to receive air barrier	12/10/2024	No , only waterproofing and drainage board		
56	12/9/2024	Does the elevator pit receive anything other than vapor barrier	12/10/2024	Yes, waterproofing and drainage board		
57	12/9/2024	Provide spec for geo foam	12/12/2024	See attached spec section in Addendum 2	2	
58	12/9/2024	Is AISC Certification required for steel fabricators	12/10/2024	Yes, per note on structural plans		
59	12/9/2024	Is the cheer room the only storm shelter	12/10/2024	Yes		
60	12/9/2024	Provide more specification for exterior railing system	12/12/2024	See cut sheet for basis of design attached to Addendum 2	2	
61	12/9/2024	Provide more specification for interior drink rail system	12/12/2024	See cut sheet for basis of design attached to Addendum 2	2	
62	12/9/2024	Provide spec for bronze plaque	12/12/2024	See spec section attached to Addendum 2	2	
62	12/9/2024	Clarify doors 304, 305, and 306 not listed on door schedule	12/12/2024	See revised door schedule attached to Addendum 2	2	
63	12/9/2024	How are return air ducts to be insulated				
64	12/6/2024	Do we have to connect to an existing fire alarm system				
65	12/9/2024	Provide Unit Price Form	12/12/2024	See attached to Addendum 2	2	
66	12/9/2024	Clarify material below stairs, foam	12/12/2024	Exterior stair on the East side receives foam not in the interior		
67	12/10/2024	Clarify framing in detail g on sht. A5.12 metal panel	12/11/2024	Using Z-girts is acceptable		
68	12/10/2024	Clarify downspout boot material	12/11/2024	PVC boots are acceptable for pavement areas. Cast iron, shop primed and painted shall be provide in landscape and turf areas.		
69	12/10/2024	Clarify stair nosing type for concrete and pan stairs	12/11/2024	Interior pan stairs should have a metal nosing as part of the pan fabrication by stair designer. Exterior stairs shall have an abrasive nosing embedded into the concrete stair tread		
70	12/11/2024	Specify sizes of cast stone pieces	12/12/2024	See detail in Addendum 2		
71	12/11/2024	Is there a concrete beam or CMU to anchor the east side canopy		Anchor per detail 8/S3.04. No concrete beam in this location		
72	12/11/2024	Doors 111E and 210A		These doors are RC rolling counter doors		
73	12/11/2024	Is the center hung score board OFOI	12/11/2024	No. Should be in your bid		
74	12/11/2024	What is Building Management System for the school	12/11/2024	Existing HVAC controls are by Trane		
75	12/11/2024	Provide updated Vendor Disclosure Statement	12/12/2024	See attached in Addendum 2	2	
76	12/12/2024	Clarify air and weather barriers for CMU walls	12/12/2024	Fluid applied air barrier shall be for CMU walls per spec		
77	12/12/2024	Please Clarify Allowances 14 & 15		The specifications cover the volume of earthwork and undercut for the project. The allowances cover any additional. See attached revised Allowance Section	2	
79	12/12/2024	Provide spec for bronze plaque	12/12/2024	See spec section attached to Addendum 2	2	
80	12/12/2024	Clarify height of Toilet Partitions	12/12/2024	Partitions shall be 55" per drawings		
81	12/12/2024	Confirm 8000 PSI concrete and term "ring beam" in details on S3.03				
82	12/10/2024	Clarify masonry coursing	12/12/2024	Face brick & CMU running bond. See detail for cast stone		
83	12/10/2024	Confirm quantities of gym equipement	12/12/2024	4 ceiling mount side basketball goals. 1 volleyball net w/ 2 support post and all other appurtences. Roll away goals shall be by Owner.		

Drink Rail - VIP

Drink Rail System

SIGHTLINE
COMMERCIAL SOLUTIONS

Sightline Commercial Solutions' VIP Drink Rails enhance the spectator experience in stadiums, arenas, and ballparks by providing convenient support for concessions, beverages, and personal belongings. Our drink railing system caters to all areas, including ADA-compliant sections, club decks, concourses, suites, loge boxes, and VIP lounges. Allowing visitors to comfortably enjoy games, concerts, and other events "hands-free." The easy-to-install and maintain drink rails are not only functional but also add a touch of style to any sports or entertainment venue. With the durable and appealing VIP Drink Rail system, sports venues can ensure their fans and patrons enjoy a top-notch seating experience.



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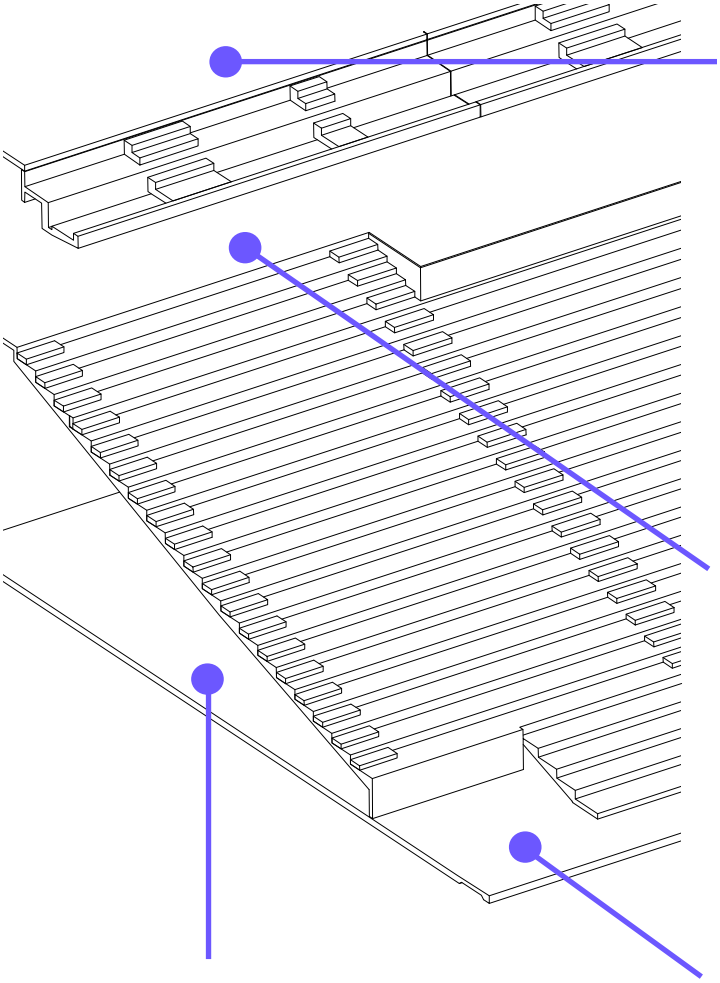
Drink Rail - VIP

Drink Rail System

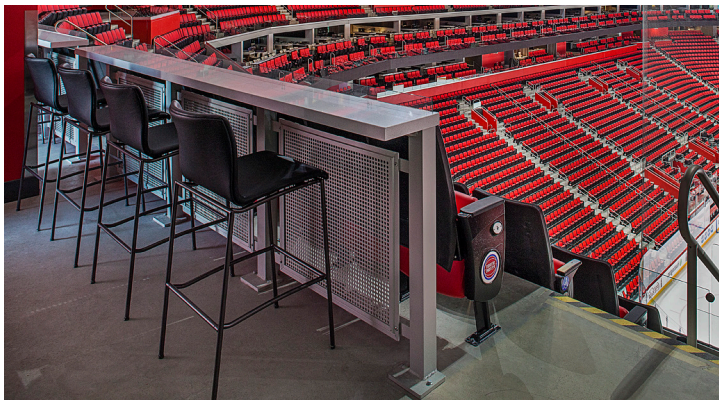
SIGHTLINE
COMMERCIAL SOLUTIONS

Applications

The versatility of drink railing allows for its utilization in multiple practical applications to enhance seating capacity and comfort of any venue.



Loge Suite Seating



Concourse Standing Seats

Bar Seating

Field Suites

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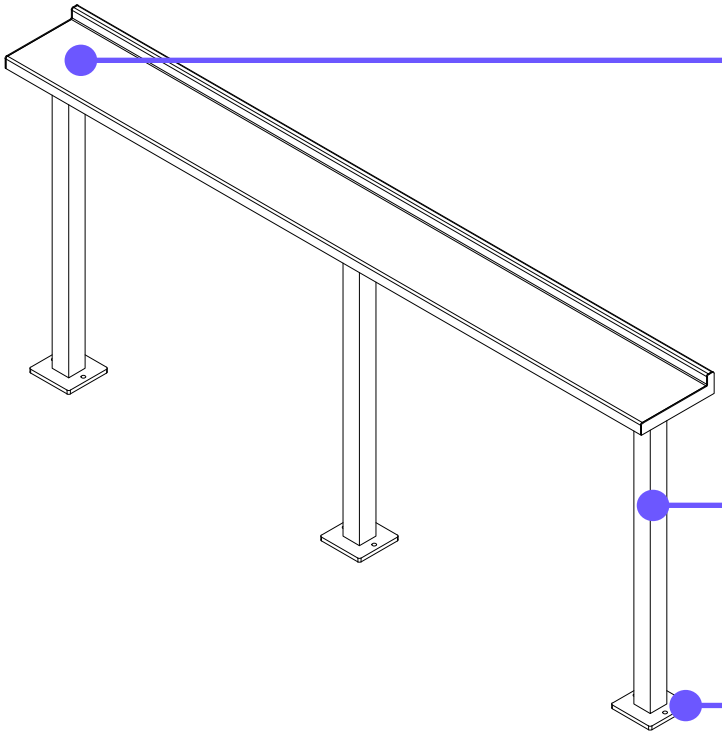
Drink Rail - VIP

Drink Rail System

SIGHTLINE COMMERCIAL SOLUTIONS

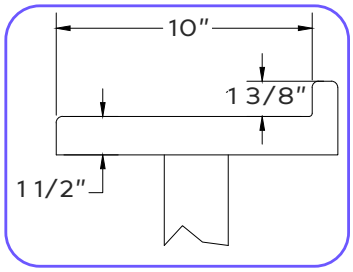
Specifications

VIP drink railing is made with high-quality, lightweight aluminum that is not only sturdy and durable, but also resistant to corrosion. This ensures that the drink railing can withstand the test of time, even in harsh weather conditions, without rusting or deteriorating. Plus, the lightweight nature of the aluminum makes installation and maintenance a breeze, without sacrificing any structural integrity.



Top Surface

10" wide formed metal with 1-3/8" back splash.



Leg Profile

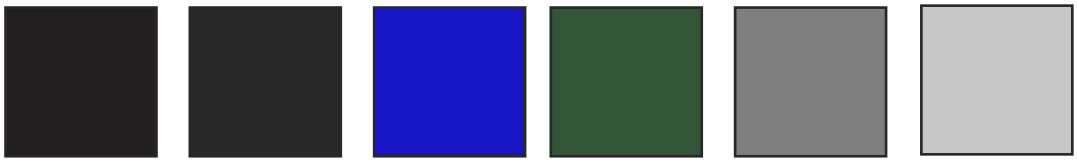
2-1/2" sq. tube mechanically fastened to top surface

Mounting

6" sq. baseplate with 2 anchor holes

Tech Specifications

Heights:	Seated: 30", Counter: 36", Bar/Standing: 42"
Lengths:	2', 4', 6', or 8' (customizable)
Materials:	Aluminum
Mounting:	Top mount with (2) anchors
Std. Finishes:	Powder coat Glossy Black, Flat Black, Blue, Green, Grey, Anodized Silver



**Custom materials and colors available upon request.*

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Drink Rail - VIP

Drink Rail System

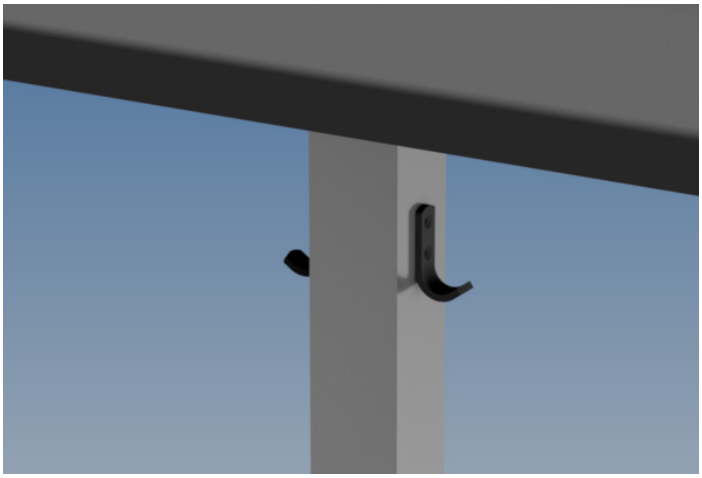
SIGHTLINE
COMMERCIAL SOLUTIONS

Accessories & Options

A variety of options and accessories can be used to customize any drink rail to make the product unique for any given venue.

Hooks

Adding hooks can provide patrons with a convenient place to hang their belongings such as purses, coats, or other items.

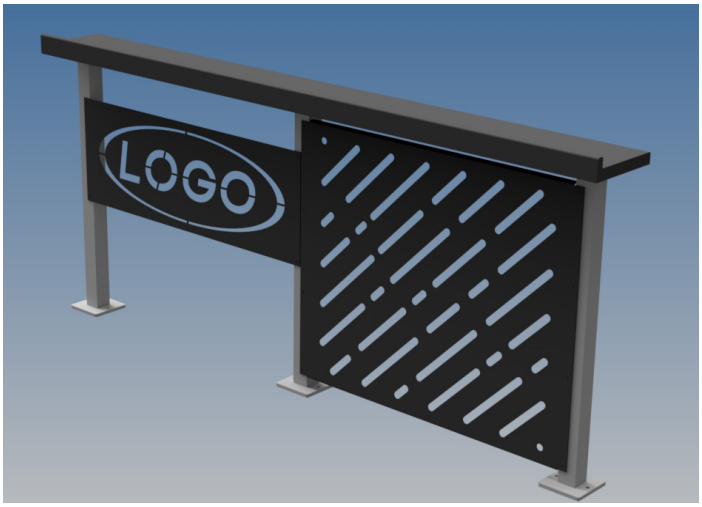


Laser Cut Tops

The drink rail can be personalized by incorporating laser-cut designs such as branding, logos, or custom names onto the drink top.

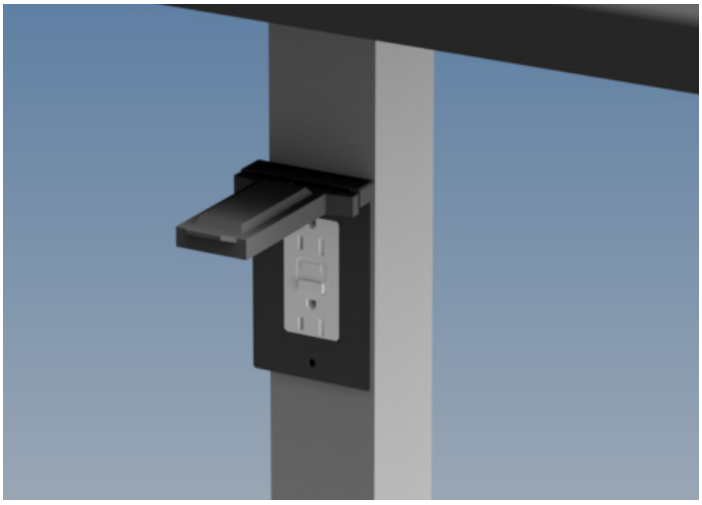
Modesty Panels

Personalize the drink rail by opting for full height or shortened modesty panels that can be tailored to feature logos or unique designs, creating a distinctive appearance that stands out.



Power Outlets

Enhance the convenience of your drink rail by incorporating power or USB outlets, providing patrons with easy access to electricity.



Exterior applications require the use of a weatherproof outlet box, increasing the post size to 3"x3". All electrical components and connections to provided by a qualified electrical contractor.

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ATLANTIS®
RAIL SYSTEMS

Spectrum
Railing System

ATLANTIS RAIL Contact Information:
Atlantis Rail Systems
70 Armstrong Road
Plymouth, MA 02360
3900 Civic Center Drive
North Las Vegas, NV 89030
☎ (800) 541-6829 or ☎ (508) 732-9191
(508) 732-9798
www.atlantisrail.com

Spectrum System Installation Instructions

Atlantis Rail's Spectrum System is an easy to install, universal cable railing product. It utilizes surface or fascia mounted square posts and a horizontal cable infill choice between HandiSwage™ studs with 1/8" or 5/32" cable. The Spectrum System is offered in a standard black or metallic silver color option. Other colors are available. Ask your Sales Representative for details. Customers must source their own flat hardwood top rail (minimum of 2" x 4").

Warning Note Hints

Table of Contents

Tools

Required & Recommended


Power Drill


#2 Phillips Driver Bit


5/32", 7/32" Drill Bit


1/2" Socket & Ratchet


Carpenter's Square


Chalk Line


Vice Grips


Coping Saw


Pencil


Safety Glasses


Gloves


Level


Tape Measure


Hacksaw

HandiSwage™ Cutting Disks


Grommet Install Tool


Cable Cutter


Silicone Caulk


1/4" Wood Dowel


7/16" Open Wrench


Hand Swager


Combination Wrench 3/8" & 7/16"

Tips for a Successful Installation

- Read the instructions completely before beginning the installation.
- Plan your railing project. Sketch your project with the actual measurements of your deck or balcony complete with post locations.
- Check carton(s) to determine part count is complete.
- Installation is best accomplished with two (2) people.
- Always wear personal protection equipment; safety glasses, work gloves, etc.

ATLANTIS RAIL SYSTEMS PROVIDES A VARIETY OF MOUNTING OPTIONS FOR POSTS AND RAILS USED IN OUR SYSTEMS. PRODUCTS OF THIS NATURE REQUIRE THAT MOUNTING SURFACES ARE CONSTRUCTED TO BE CONSIDERED STRUCTURAL PER BUILDING CODE DEFINITION FOR THE SURFACE MATERIAL USED. STRUCTURAL INTEGRITY AND BUILDING CODE COMPLIANCE OF MOUNTING SURFACES ARE THE RESPONSIBILITY OF THE END USER AND / OR INSTALLER. THE USE OF ANY OF OUR MOUNTING METHODS ARE AT THE OPTION AND DECISION OF THE END USER AND / OR INSTALLER AND SHOULD BE SELECTED TO MATCH THE STRUCTURAL MATERIAL USED TO CREATE THE MOUNTING SURFACE.

STORE YOUR ORDER INDOORS TO KEEP DRY! Some items in your order have been shrink wrapped with a protective poly film. Avoid exposing these items to harsh weather and moisture to avoid damaging powder coated surfaces. When you're ready to install product, remove the protective shrink wrap before or immediately after installation.

ALWAYS REFER TO YOUR LOCAL BUILDING CODE OFFICIALS PRIOR TO INSTALLING ANY ATLANTIS RAIL SYSTEM TO ENSURE ALL CODE AND SAFETY REQUIREMENTS ARE MET. ATLANTIS RAIL SYSTEMS IS NOT RESPONSIBLE FOR IMPROPER OR NON-RECOMMENDED INSTALLATIONS.

HandiSwage™ Components

C0731-H0703-2	HandiSwage™ Standard Stud 1/8" - 2 Pack
C0731-H0703-10	HandiSwage™ Standard Stud 1/8" - 10 Pack
C0731-H0704-2	HandiSwage™ Standard Stud 5/32" - 2 Pack
C0731-H0704-10	HandiSwage™ Standard Stud 5/32" - 10 Pack

Additional Components

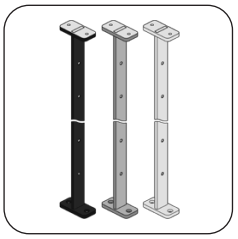

Acorn Nut Set


Deluxe Cover Nut Set

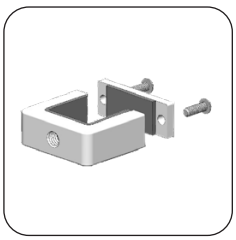

Cable Grommets

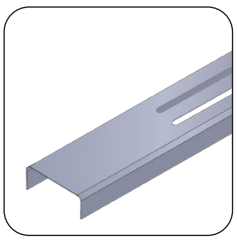

30°, 34° & 38° Stair Spacer


HandiSwage™ Cover Nut Sets


Spectrum Surface Mount Stabilizer Kit

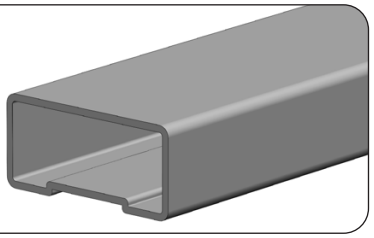

Wide Mounting Plate


ADA Mounting Clamp

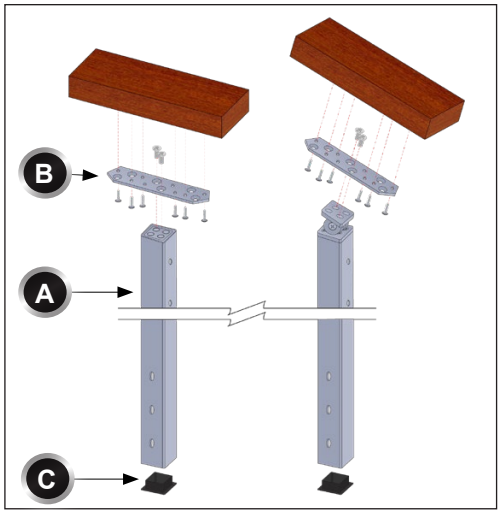

Reinforcing Channel

Using the Spectrum Top Rail (S0904-AR Series)?

Refer to the Spectrum Top Rail Installation Instructions for guidance on how to install the Spectrum posts and top rail system.



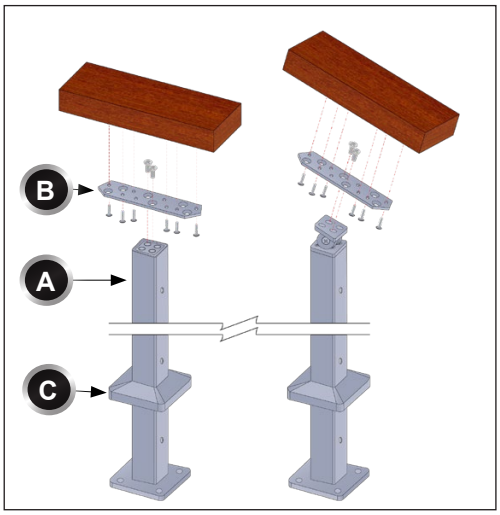
Mounting Options



Spectrum Fascia Mount Post Kit Components

A.	Spectrum Square Post
B.	Top Mounting Plate Assembly
C.	Plastic Bottom Cap

NOTE: Surface mounting fasteners & hardware sold separately.



Spectrum Surface Mount Post Kit Components

A.	Spectrum Square Post
B.	Top Mounting Plate Assembly
C.	Base Cover

NOTE: Surface mounting fasteners & hardware sold separately.

START BY MARKING POST LOCATIONS USING REMOVABLE TAPE ON THE DECK SURFACE. INSTALL STAIRS FIRST, FOLLOWED BY CORNER AND END POSTS.

ALWAYS USE WORK GLOVES AND WEAR SAFETY GLASSES TO PROTECT YOUR HANDS AND EYES WHILE WORKING WITH CABLE. DO NOT OVER-TENSION.

Installing the Surface Mount Stair Posts

IF INSTALLING THE FASCIA MOUNT POSTS, PLEASE SKIP AHEAD TO THE INSTALLING THE FASCIA MOUNT STAIR POSTS SECTION (PAGE 5).

Find the Location of the Top Stair Post

Begin at the top of the stairs. Mark the location of the deck post (post A) adjacent to the top stair post (post B). Place your top stair post (post B) and position it so the space between the

stair and deck posts is less than 4” (See *Figure A*). At the same time, make sure the deck post (post A) is aligned with the stair post (post B).

Find the Location of the Lower Stair Posts

Place the lower stair post (post C) and insert a 1/4” wooden dowel through the bottom cable holes of the top and lower stair posts (posts B & C) to visualize the alignment. Lower posts are placed toward the back of the stair treads allowing the bottom row of cable to be as close to the nosing as possible. Code requires that a 6” sphere cannot fit through the triangle created by the stair rise, stair tread and the bottom row of cable (*See Figure A*). Repeat this process and mark the position of all lower stair posts.

Install the Posts

Once the stair posts are marked for location, begin installing using the instruction below. The first installed post should be the deck post (post A) adjacent to the top stair post (post B) (*See Figure A*).

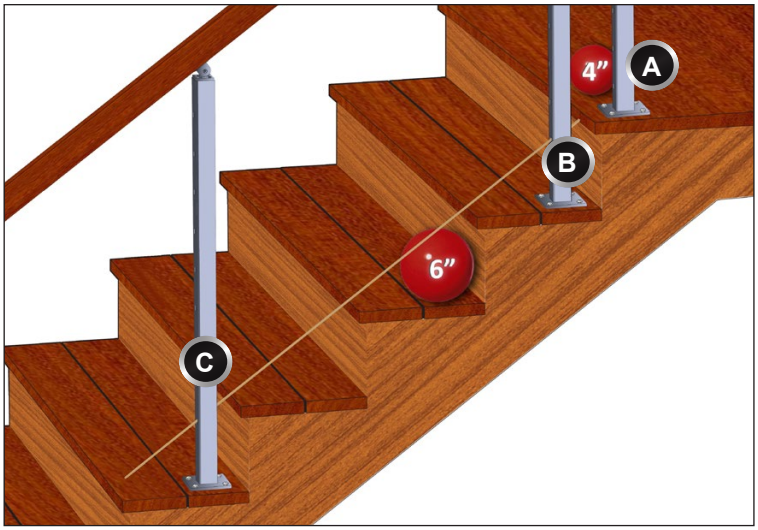


Figure A. Place your top stair post and position it so the space between the stair and deck posts is less than 4”. Code requires that a 6” sphere cannot fit through the triangle created by the stair rise, stair tread and the bottom row of cable.

Surface Mount Posts Preparation

PREPARE PROPER BLOCKING PER LOCAL BUILDING CODE TO ENSURE SAFE AND CODE COMPLIANT INSTALLATION.

Measure & Mark the Centerlines

Use a tape measure to find the centerline of your railing system. Measure from the edge of the deck to the center of the structure or blocking below (*See Figure B*). This is typically 3-1/2”. It is important that all the fasteners are secured to the structure or appropriate blocking. With the centerline measured, carefully snap a chalk line around the perimeter of the deck. This will be your centerline throughout the project. Make sure that the center of all of your bases fall along this line.

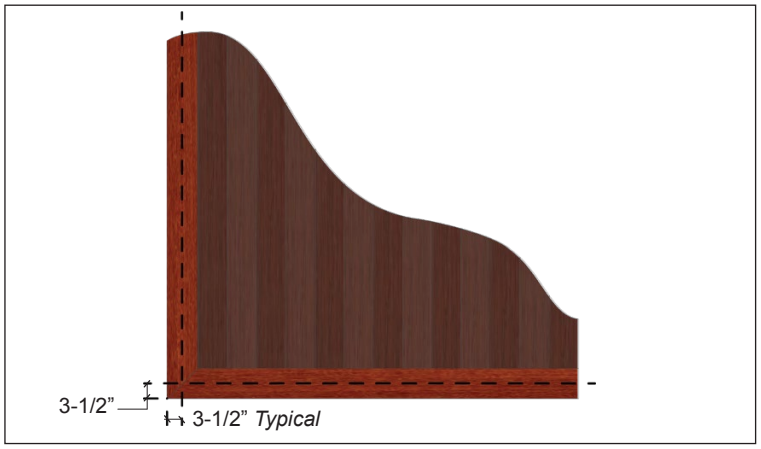


Figure B. Measure to the center of your structure or blocking and snap a chalk line to mark the centers. Do this around the perimeter of the deck.

Assemble the Corner Brackets

Assemble the top mounting plates in the necessary corner configuration. Use the corner mending plate and four (4) 1/4” screws to rigidly hold the assembly (*See Figure C*). The top mounting plates assemble into 90° or 135° corner brackets by using different edges of the corner bracket and a different hole pattern on the mending plate (*See Figure D*).

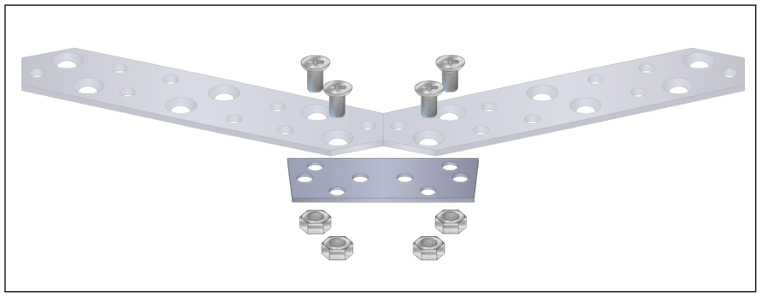


Figure C. Use the Corner Mending Plate Set to hold the top mounting plates together.

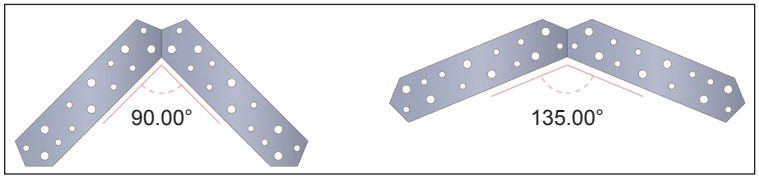


Figure D. The top mounting plates can be assembled into 90˚ and 135˚ corner brackets.

Assemble the Corner Posts

With the corner bracket fully assembled, attach it to the posts using two (2) 1/4” screws for each mounting plate. USE THE CENTER HOLE PATTERN. Corners require two (2) posts. Make sure that the post holes for the cable are running parallel with the long side of the plate on both sides (*See Figure E).*

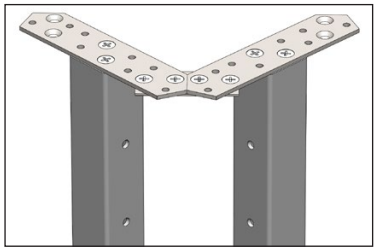


Figure E. Attach a post to each plate using the center hole pattern.

Installing the Surface Mount Posts

Install the Corner & End Posts

Beginning with corner posts, place the bases along the centerline being careful to make sure the bases are properly oriented. Using the base as a template, mark the four (4) holes for the screws (*See Figure F*). Use a 7/32" drill bit to drill a pilot hole for the lag bolts. Take extra care to be sure the holes are drilled into joists or blocking.

With the holes pre-drilled, install the corner posts with the hex lag screws using a 1/2" socket and ratchet set. When installing the posts, check for plumb using a level. Once the posts are installed, apply silicone to the hex lag screws and secure the supplied hex lag screw caps to prevent moisture from getting to the hex lag screws (*See Figure G*). Slide the base cover onto the base BEFORE installing the cable (*See Figure H*).

Repeat the steps above to install the end posts.

Install the Mid Posts

When you have the end and corner posts installed, measure the distance of the section in between the end and corner posts. The recommended post spacing is 4 feet on-center. Divide the section evenly to get desired post spacing. Mark the center locations for the mid post bases once again taking care that the base is located on the centerline and oriented properly. Follow the steps above to install the mid posts.

Spectrum Surface Mount Cable Stabilizer Kit

A surface mount cable stabilizer kit is available for sections greater than 4 feet (up to 6 feet). More information available on pages 7 and 11 of these installation instructions.

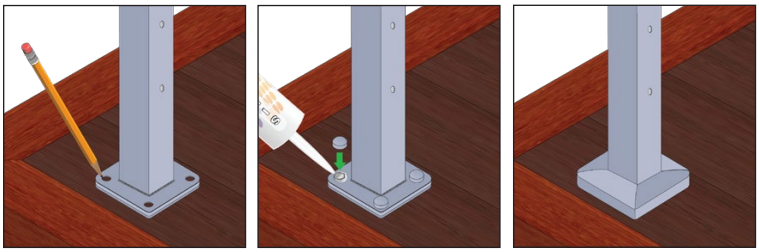


Figure F. **(Left)** Use the base as a template and mark the four (4) holes for the screws.
Figure G. **(Center)** Apply silicone to the hex lag screws once installed and secure the hex lag screw caps.
Figure H. **(Right)** Slide the base cover onto the base BEFORE installing the cable.

TO ENSURE CODE COMPLIANCE, ATLANTIS RAIL DOES NOT RECOMMEND EXCEEDING 4' (48") ON-CENTER BETWEEN CABLE SUPPORT POSTS. DO NOT EXCEED 48' BETWEEN TERMINATION HARDWARE.

Installing the Fascia Mount Stair Posts

Find the Location of the Top Stair Post

Begin at the top of the stairs. Mark the location of the deck post (post A) adjacent to the top stair post (post B). Place your top stair post (post B) and position it so the space between the stair and deck posts is less than 4" (*See Figure I*). At the same time, make sure the deck post (post A) is aligned with the stair post (post B).

Find the Location of the Lower Stair Posts

Place the lower stair post (post C) and insert a 1/4" wooden dowel through the bottom cable holes of the top and lower stair posts (posts B & C) to visualize the alignment. Lower posts are placed toward the back of the stair treads allowing the bottom row of cable to be as close to the nosing as possible. Code requires that a 6" sphere cannot fit through the triangle created by the stair rise, stair tread and the bottom row of cable (*See Figure I*). Repeat this process and mark the position of all lower stair posts.

Install the Posts

Once the stair posts are marked for location, begin installing using the instruction below. The first installed post should be the deck post (post A) adjacent to the top stair post (post B) (*See Figure I*).

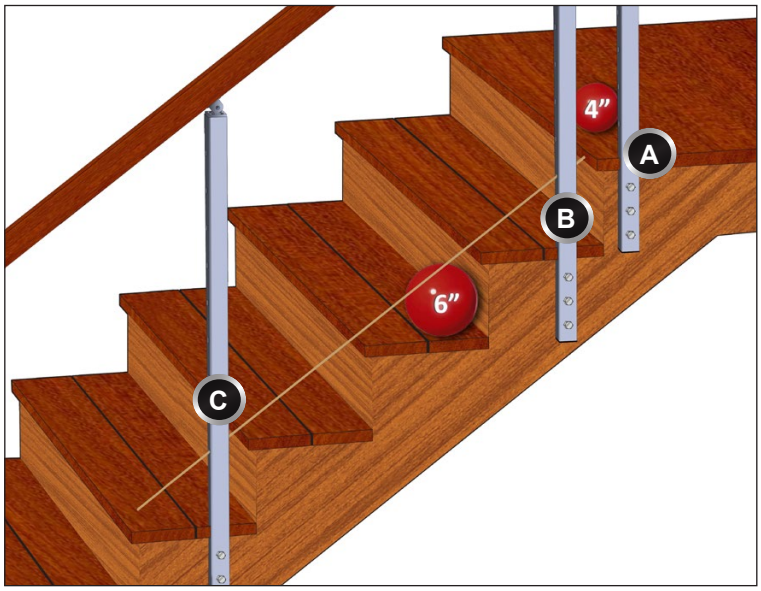


Figure I. Place your top stair post and position it so the space between the stair and deck posts is less than 4". Code requires that a 6" sphere cannot fit through the triangle created by the stair rise, stair tread and the bottom row of cable. Please note that on stair railings that take a corner to a level surface, the straight post adjacent to the top stair post will be closer together.

Fascia Mount Posts Preparation

Identify the End/Corner Posts You'll be Using

36" Fascia mount systems use universal posts (1.57"x1.57") on ends and corners.
42" Fascia mount systems use more substantial posts (1.5" x 2.5") on ends and corners (*See Figure J*).

Assemble the Corner Brackets

The top mounting plates assemble into 90° or 135° corner brackets by using different angled edges on the end of the mounting plates and a different hole pattern on the mending plate (*See Figure K*). Start by arranging the top mounting plates in the necessary corner configuration. Use the corner mending plate and four (4) 1/4" screws to build the assembly (*See Figure L or M*).

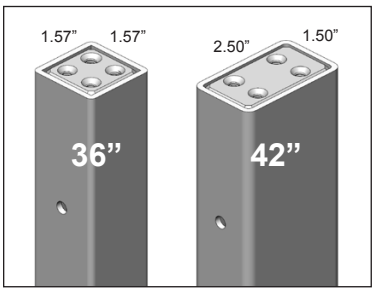


Fig J. End/Corner Post Comparison. 36" Fascia Mount vs. 42" Fascia Mount

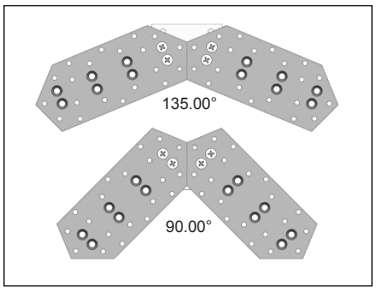


Fig K. Assemble top mounting plates into 90° or 135° corner brackets

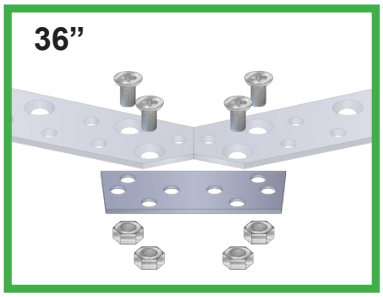


Fig L. Standard Mending Plate Set. Use for 36" Fascia Mount System

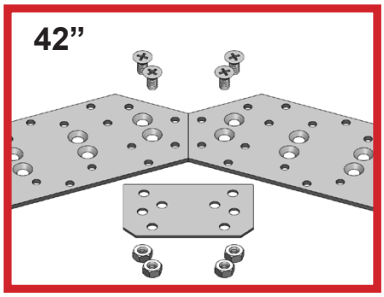
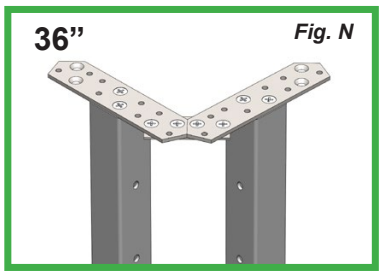
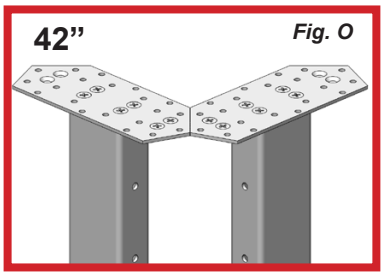


Fig M. Special Mending Plate Set for S0904-XX42-EC Fascia Mount Posts

Assemble the Corner Posts

With the corner bracket fully assembled, attach it to the posts using the supplied 1/4" machine screws. USE THE CENTER HOLE PATTERN. Corners require two (2) posts. Make sure that the post holes for the cable are running parallel with the long side of the plate on both sides (*See Figure N or O*).

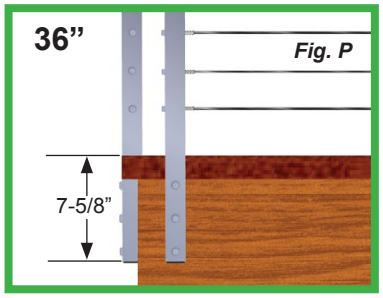


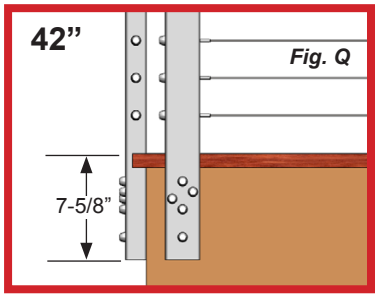


Attach a post to each plate using the center hole pattern.

Measure the Height

To begin, measure the thickness of your top rail and add 6-1/8". This is the distance from the top of the deck surface to the bottom of the post. As an example, a 1-1/2" thick top rail will require the post to sit 7-5/8" (1-1/2" + 6-1/8") below the top of the deck surface (*See Figure P or Q*).





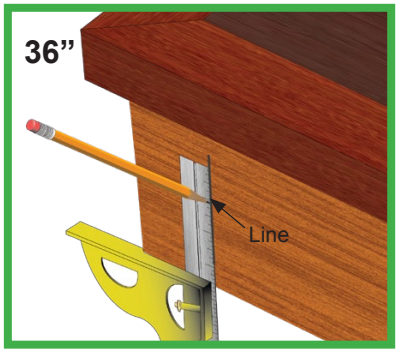
Determine the length below the top of the deck surface by adding 6-1/8" to the thickness of the top rail (1-1/2" thick top rail in these examples).

Block Out or Notch the Deck

You'll need to account for any overhang of trim your deck may have. This can be accomplished one of two ways, by either notching out the trim piece or by blocking out underneath the overhang.

Mark the Locations of Mounting Holes

Using the completed corner assembly as a guide, mark the side of the corner posts on either side of the fascia. Use a carpenter's square to draw a vertical line on the fascia board (*See Figure R or T*). Measure down to the height as determined in the previous step (in our example 7-5/8") and draw a mark on the vertical line. Hold the post plumb on the vertical line at the height mark you just made and carefully mark the centers of the mounting holes (*See Figure S or U*).



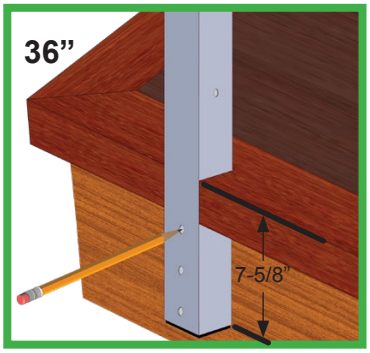
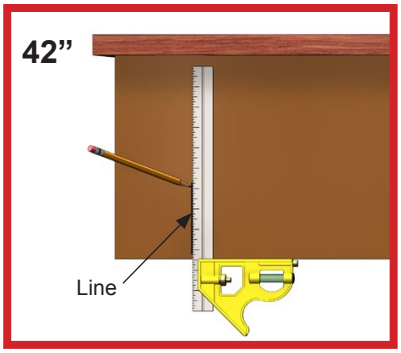


Figure R. **(Left)** Use a carpenters square to draw a vertical reference line.
Figure S. **(Right)** With the post held in place, mark the mounting holes.



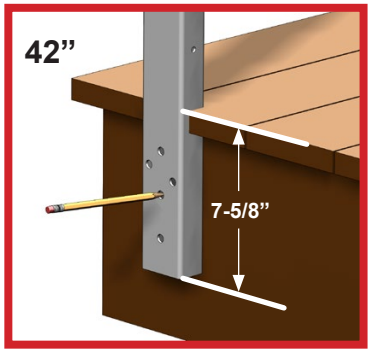


Figure T. **(Left)** Use a carpenters square to draw a vertical reference line.
Figure U. **(Right)** With the post held in place, mark the mounting holes.

Installing the Fascia Mount Posts

Pre-Drill the Fascia

Using a drill bit, pre-drill the fascia at the marks made in the previous step to a depth as needed, once again, beginning with the corner posts.

- If installing 5/16” lag screws, pre-drill with a 7/32” drill bit.
- If installing 3/8” lag screws, pre-drill with a 1/4” drill bit.

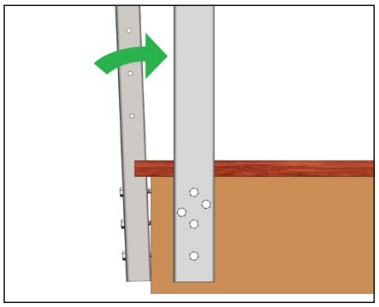
Make sure the holes are drilled straight into the structure.

Install the End/Corner Posts using the Hex Lag Bolts

With the holes drilled in the fascia, install the post with the hex lag screws using a socket and ratchet set. When installing the posts, check for plumb using a level. Over tightening the hex lag screws may cause the post to pitch forward (*See Figure V*). If this happens, simply loosen the offending lag screw slightly until the post comes back to plumb and shim as needed to keep the post plumb. Once the post is installed, press on the supplied hex lag screw caps for a finished look (*See Figure W*).

Repeat Process to Install Mid Posts

When you have the end and corner posts installed, measure the distance of the section in between the end and corner posts. The recommended post spacing is 4 feet on-center. Divide the section evenly to get desired post spacing. Repeat the above steps to install the mid posts.



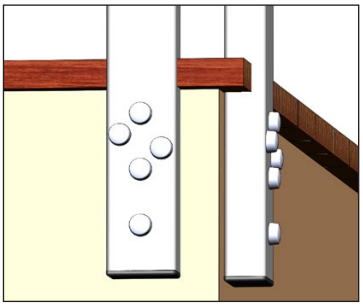


Figure V. ***(Left)*** Check the post for plumb as you tighten the hex lag screws. Adjust the tightness of the bolts and shim (if necessary) to ensure that the post is plumb front to back and side to side.
Figure *W.* ***(Right)*** Attach the supplied hex lag screw caps for a finished look.

REMOVE THE BOTTOM CAPS FROM EACH POST AND RINSE OUT ANY DEBRIS, SUCH AS PRESSURE TREATED LUMBER FROM THE INSTALLATION PROCESS. FAILURE TO DO SO MAY RESULT IN STAINING OF FASCIA BOARDS. BOTTOM CAPS CAN BE REINSTALLED UPON COMPLETION OF THE SYSTEM.

TO ENSURE CODE COMPLIANCE, ATLANTIS RAIL DOES NOT RECOMMEND EXCEEDING 4’ (48”) ON-CENTER BETWEEN CABLE SUPPORT POSTS. DO NOT EXCEED 48’ BETWEEN TERMINATION HARDWARE.

Installing the Top Rail

Install the Top Plates

Secure the top plates to each of the posts using two (2) 1/4” -20 RH screws. For mid posts, use the hole pattern in the center of the plate (*See Figure X*). For end posts use the side hole patterns. Be sure to have the corner plates pre-assembled for ease of installation.

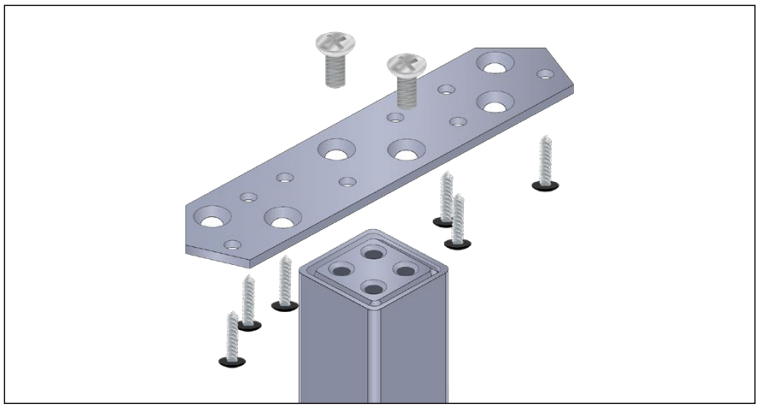


Figure X. For mid posts, use the hole pattern in the center of the plate and secure using two (2) 1/4”-20 RH screws.

Install the Top Rail

Carefully measure and cut your top rail taking into account any mitering of joints you may need to do. Piece by piece; lay your top rail on the center of the mounting plate being sure that the top rail covers the top plate in its entirety. With the top rail in place, use a 5/32” drill bit to pre-drill for the wood screws that attach the top rail to the mounting plate. Use up to six (6) #10 pan head screws (supplied) to fasten the wooden top rail to the Spectrum posts (*See Figure Y*).

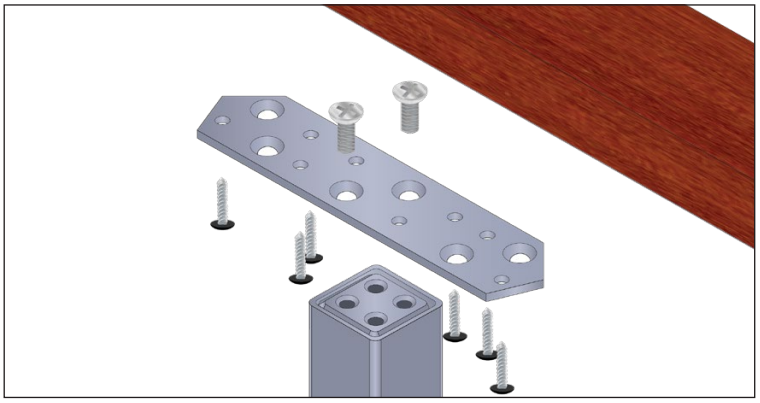


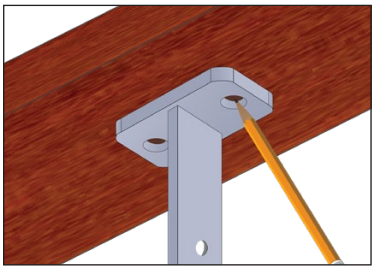
Figure Y. Secure wooden top rail using up to six (6) #10 pan head screws.

Installing the Spectrum Surface Mount Stabilizer Kit

The Spectrum Surface Mount Stabilizer Kit comes fully assembled with a 36” stanchion, 2-5/8” hole spacing (standard) or 42” stanchion, 2-11/16” hole spacing (standard) and fasteners.

FOR USE WITH SPECTRUM SURFACE MOUNT (STRAIGHT SECTIONS) CABLE RAILING SYSTEM ONLY.

Center the stabilizer in between posts. Use the hole pattern on the top and bottom of the stabilizer to mark the location of screw holes onto the underside of the top rail and on the deck surface using a pencil (*See Figures Z and AA*).



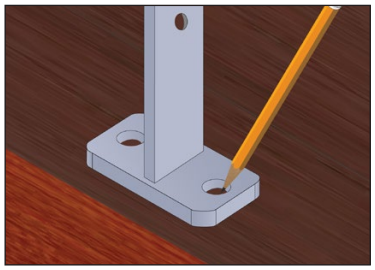


Figure Z. **(LEFT)** Mark screw holes in the upper stabilizer base with a pencil.
Figure AA. **(RIGHT)** Mark screw holes in the lower stabilizer base with a pencil.

Put aside the stabilizer assembly. With a 5/32” drill bit, drill pilot holes at the pencil marks (*See Figures AB and AC*).

TO DETERMINE THE TOP AND BOTTOM OF THE CABLE STABILIZER REFER TO THE FOLLOWING MEASUREMENTS. TOP OR BOTTOM MOUNTING PLATE TO THE FIRST CABLE HOLE.

36”	***TOP: 2.75”***	***BOTTOM: 2.875”***
42”	***TOP: 2.813”***	***BOTTOM: 2.75”***

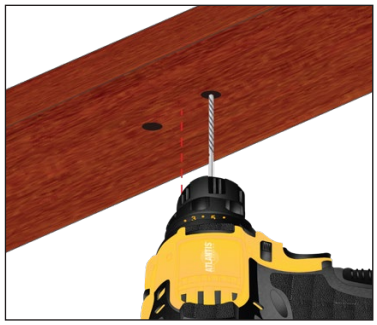
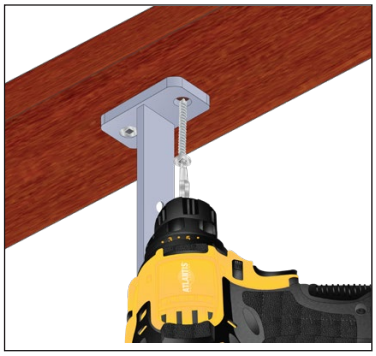


Figure AB. **(LEFT)** Drill pilot holes at the pencil marks in the bottom side of the handrail.
Figure AC. **(RIGHT)** Drill pilot holes at the pencil marks in the mounting surface.

Reposition the cable stabilizer between the bottom of the handrail and the mounting surface; while aligning with the pilot holes. Using a #2 Phillips driver bit and (4) four #10 x 1-1/2” Flat Head wood screws install the stabilizer assembly (*See Figures AD and AE*).

DO NOT INSTALL CABLE BEFORE CABLE STABILIZERS! STABILIZER IS FOR SECTIONS OVER 4 FEET, BUT NO GREATER THAN 6 FEET IN LENGTH.



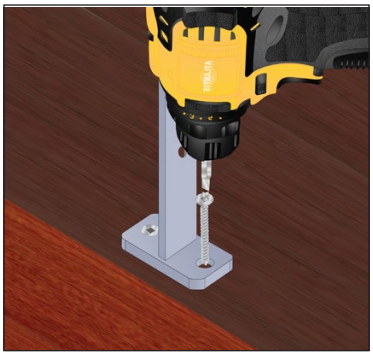


Figure AD. **(LEFT)** Attach the top of the stabilizer to the mounting surface with (2) two #10 x 1-1/2” flat head wood screws.
Figure AE. **(RIGHT)** Attach the bottom of the stabilizer to the mounting surface with (2) two #10 x 1-1/2” flat head wood screws.

Installing the HandiSwage™ Studs & Cable

With the railing framework securely built according to these installation instructions, it’s time to install the cable infill. The Spectrum System is designed to utilize two (2) cable diameter options, 1/8” or 5/32” with HandiSwage™ Studs (*See Figure AF*). Please consult the hand swaging tool installation instructions. **MAKE SURE THE POSTS AND TOP RAILS ARE INSTALLED IN THEIR ENTIRETY PRIOR TO TENSIONING CABLES!** The posts of the Spectrum System will deflect under load if the railing framework isn’t fully assembled.

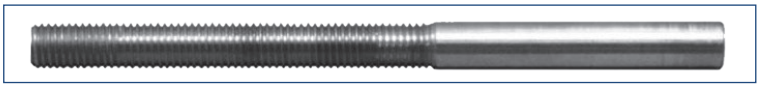


Figure AF. HandiSwage™ Standard Stud.

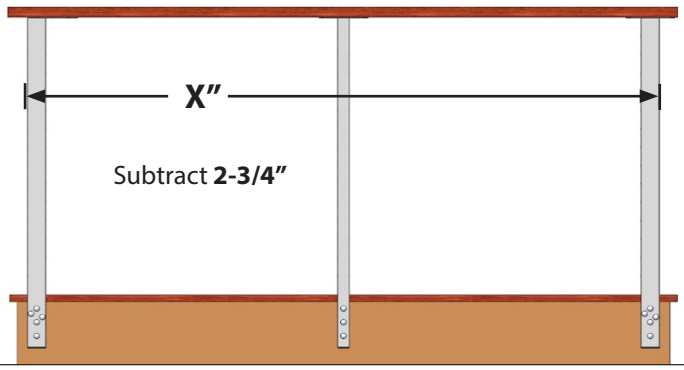
Determining the Proper Length of Cable for Each Section

For cable run sections where HandiSwage™ Studs will be used on both ends of cable (*See Figure AG*) .

1) Measure from “outside to outside” of the outer posts for each cable run section.
2) Subtract 2-3/4” from your measurements for each section. This is the “cut to” length.

It is recommended to cut and install the bottom cable run in each section before cutting the remaining cables. Do this to insure the measurements are accurate.

Fig. AG



Tensioning the Cable

Before You Tension

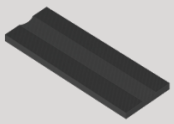
Make sure the posts are installed securely and in accordance with the manufacturers’ recommended installation procedures. Install all top and intermediate rails. The posts will deflect beyond allowable limits if you attempt to tension the cables on an incomplete guard frame.

General Cable Tensioning

When tensioning cable using HandiSwage™ studs, you must hold the stud (attached to cable) in a neutral position while turning the tensioning nut to apply tension to the cable assembly. Hand tighten tensioning nuts onto studs before using wrenches to fully tension.

Use a Cable Grip Pad to hold the cable just outside the post while rotating the tensioning nut with a 7/16” wrench until cable is snug (*See Figure AH*).

Atlantis Rail offers a Cable Grip Pad (part # E0114-0000) to aid in your installation process. Ask your Sales Representative for more information.



BEFORE TENSIONING ANY OF THE CABLES, IT IS IMPORTANT TO BE SURE THAT THE FRAME FOR THE INFILL IS COMPLETED.

NEVER CLAMP PLIERS OR VICE GRIPS DIRECTLY ON CABLE. SET YOUR VICE GRIPS WITH 1/8” SPACE TOTAL BETWEEN CABLE AND VICE GRIP JAWS. PLACE PAD ON CABLE AND THEN APPLY THE VICE ACTION TO THE PLIERS.

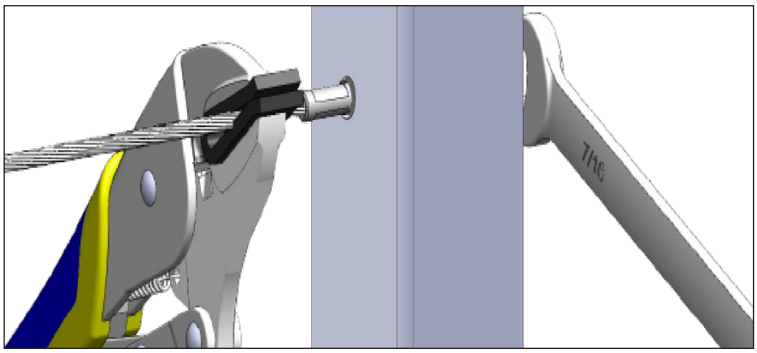


Figure AH. Using a HandiSwage™ Cable Grip Pad and vice grips, hold the cable in a fixed position while tightening the tension nut.

Tension the Center Cable

Beginning with the center run of cable, hold the swage stud in a fixed position while tightening the tensioning nut with a 7/16” wrench. Tighten the nut three or four full rotations until cable is snug. Don’t worry if this cable moves a little, we will come back around to it later.

Tension the Remaining Cables

Alternate tensioning the cables from the center, working above and below the center cable as if tightening the lug nuts on a tire (*See Figure AI*). Again tension the nuts three or four full rotations or until cable is snug. You will notice as you tension, the cables surrounding it will slacken. When this happens, stop tensioning and move onto the next cable.

Make Final Adjustments

Go back to the center cable and re-tighten the cables until all are tight and relatively equal in tension. You may find that you need to do this three or four times getting down to even a quarter turn of the tensioning nut each time. Tension from both sides when necessary.

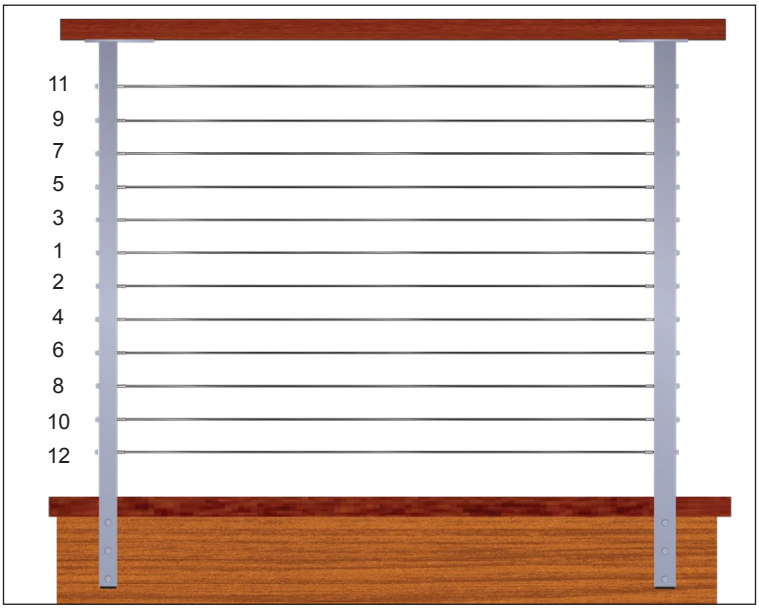


Figure AI. Tensioning Diagram - Begin with the center run of cable and alternate working above and below until cables are tight.

Installing Cover Nuts

HandiSwage™ Cover Nut Sets (C0309 Series)

HandiSwage™ Cover Nut Sets are designed for use with HandiSwage™ Studs and are perfect for cable railing systems where “through-post” hardware is desired for minimal obstruction. Affix to end of swage stud for a finished look. The HandiSwage™ Cover Nut Set includes a stainless washer, tensioning nut, lock nut and cover nut (*See Figure AJ*). Sold in packs of 10 and available in the following colors: White, Light Brown, Dark Brown, Metallic Silver and Black.

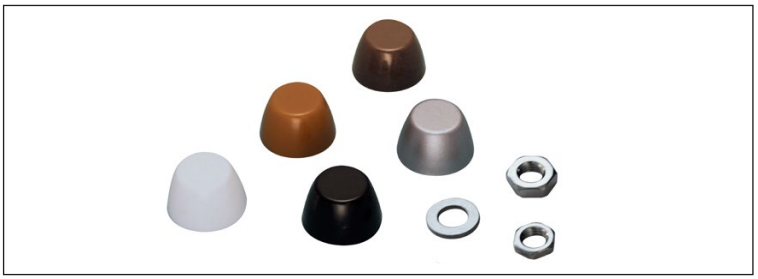


Figure AJ. HandiSwage™ Cover Nut Sets.

1) With all the cables tensioned properly, hand tighten the Lock Nuts onto the stud ends. Using the HandiSwage™ Combination Wrench Set (part #C0731-TK01-2), hold the tensioning nut in place with the 7/16” wrench while tightening the lock nut fully with the 3/8” wrench.
2) Using a hacksaw or cut-off wheel, cut the remaining shank off flush with the lock nut.
3) Then place the cover nut over the assembly until it is flush with the post (*See Figure AK*).

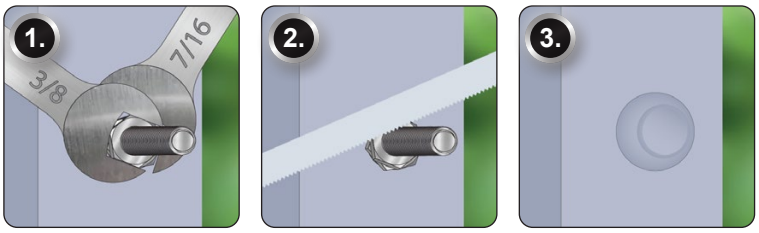


Figure AK. The HandiSwage™ Cover Nut Set installs in just 3 easy steps: lock, cut and cover.

In addition to the HandiSwage™ Cover Nut Sets, Atlantis Rail offers an Acorn Nut Set (part # C0308-UF07-2) and Deluxe Cover Nut Set (part # C0307-U007-2). More information is available in the “Additional Components” section found on page 13 of these installation instructions.

HARDWARE CAN BECOME EXTREMELY HOT DURING CUTTING PROCESS. MAKE SURE THE NUTS AND STUD ARE COOL BEFORE INSTALLING COVER NUT.

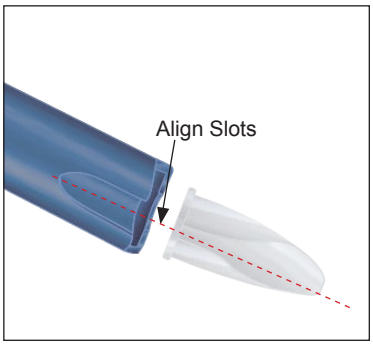
Installing Cable Grommets

Utilizing the grommet install tool (part # E0916-1000) makes installing cable grommets easy.

THE GROMMET INSTALL TOOL (part # E0916-1000) ACCOMODATES BOTH 1/8” AND 5/32” CABLE GROMMET SIZES.

Align the slot of the cable grommet with the slot of the cable grommet install tool (*See Figure AL*).

NOT ALIGNING THE SLOTS OF THE CABLE GROMMET AND TOOL WILL NOT ALLOW THE CABLE GROMMET TO BE INSTALLED.



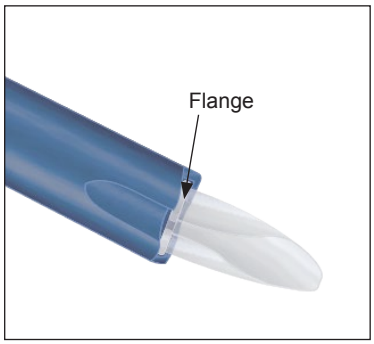


Figure AL. **(LEFT)** Align the slot of the cable grommet with the slot of the tool.
Figure AM. **(RIGHT)** Insert flange of cable grommet into the tool.

Insert the flange of the cable grommet into the bottom side of the grommet install tool; making sure the slots are still aligned (*See Figure AM*).

Holding the grommet install tool in one hand and placing ones thumb on the top side of the cable grommet, push the cable grommet onto the cable in a downward motion. A little force will need to be applied to fit the cable grommet onto the wire (*See Figure AN*).

ALWAYS POINT THE TIP OF THE CABLE GROMMET INWARDS TO THE POST HOLE AND KEEP THE POSITION OF THE SLOT DOWNWARDS TO ALLOW WATER TO DRAIN.

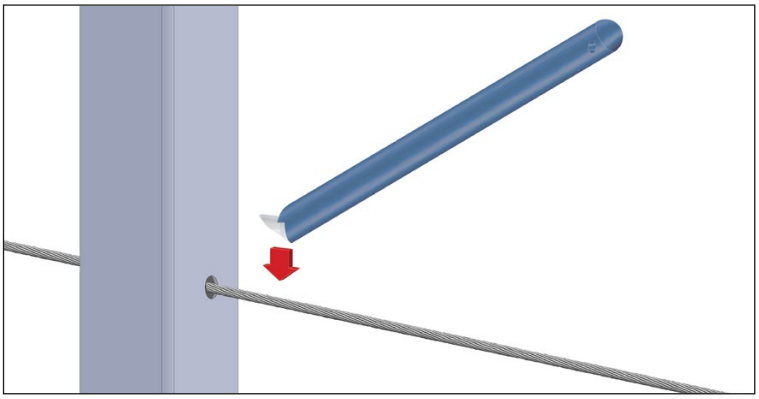


Figure AN. With the grommet install tool, push the cable grommet onto the cable in a downward motion.

After the cable grommet is placed onto the cable, remove the grommet install tool from the flange of the cable grommet. Place the grommet install tool on the wire (using the slot in the tool as a guide) push the cable grommet into the cable hole in the post until it fits flush (*See Figure AO*).

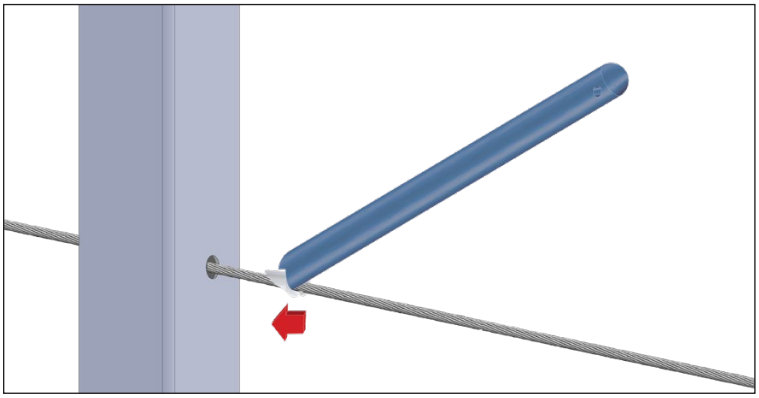


Figure AO. With the grommet install tool, push the cable grommet into the cable hole in the post until it fits flush.

Additional Components

Cable Grommets - C0916-0003-25

Once the cable has been installed and tensioned, it is time to add the Cable Grommets (part # C0916-0003-25). These cable grommets (*See Figure AP)* are available at an additional cost. They help prevent movement and deflection of the cable, as well as, reduces dirt and moisture from getting inside the posts. These grommets are available for straight mid post sections with 1/8" cable. They are slotted for easy attachment onto the cable and are available in packs of twenty five (25).

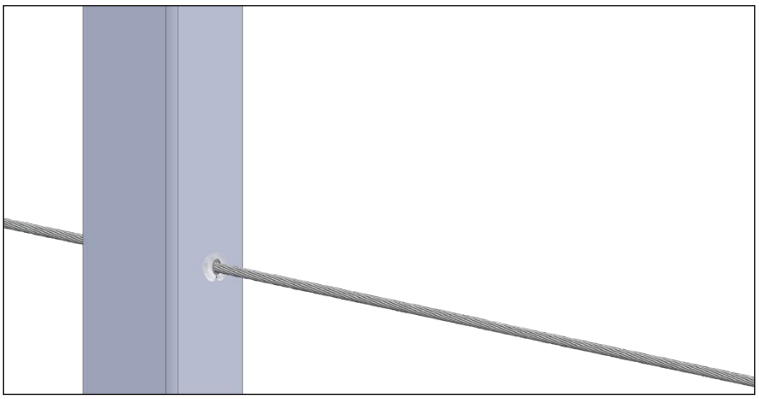


Figure AP. Cable grommets help prevent movement and deflection of the cable.

34 Degree Stair Spacer - C0841-0034-2

When installing cable infill on Spectrum stair posts, a 34 Degree Stair Spacer (part # C0841-0034-2) is used to achieve the angled cable run. Place the stair spacer on the threaded end before attaching the desired cover nut set (*See Figure AQ*).

30° (PART # C0841-0030-2) & 38° (PART # C0841-0038-2) SPACERS ARE ALSO AVAILABLE. ALL STAIR SPACES ARE AVAILABLE IN 2 PACKS.

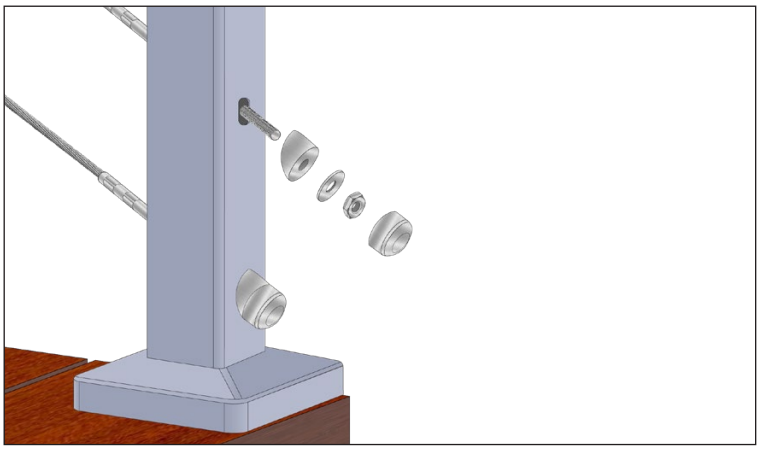


Figure AQ. Place the 34 Degree Stair Spacer on the threaded end before attaching the cover nut set to achieve the angled cable run.

Wide Mounting Plate - S0904-XX53

The Wide Mounting Plate (part # S0904-XX53) is twice the width of the standard mounting plate and is used in applications where a wider top rail is desired.

Secure the plate to the post using two (2) 1/4" -20 RH screws. For mid posts, use the hole pattern in the center of the plate (*See Figure AR*). For end posts use the side hole patterns.

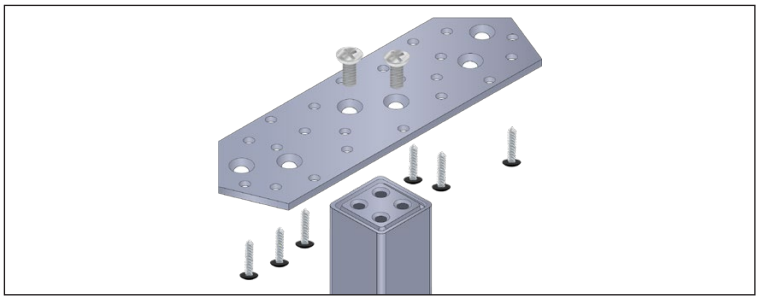


Figure AR. Use when a wider top rail is desired. For mid posts, use the hole pattern in the center of the plate and secure using two (2) 1/4"-20 RH screws.

ADA Mounting Clamp - S0904-XX60

The ADA Mounting Clamp (part # S0904-XX60) fits snugly on the Spectrum post. To attach, insert the U-shape piece of the clamp onto the post making sure the pads stay intact (*See Figure AS*).

BEFORE INSERTING THE U-SHAPE PIECE ONTO THE POST, MOISTEN THE PADS. THIS WILL ENABLE IT TO GLIDE EASIER OVER THE POST WHILE KEEPING THE PADS IN PLACE.

Attach the back piece and insert the screws. Using a 5/32" (or 4mm) Allen wrench, tighten the screws alternately a half turn at a time until the screws are fully tightened.

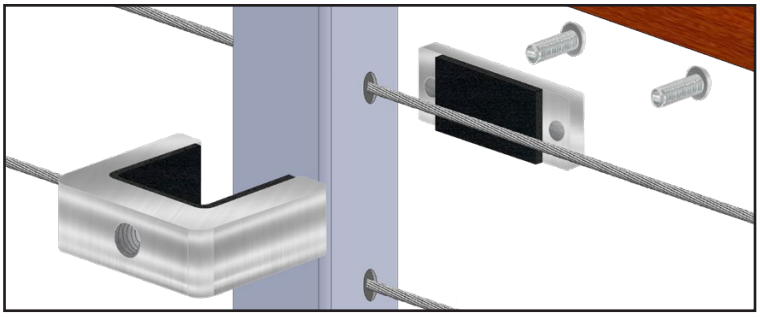


Figure AS. Insert the u-shape piece onto the post making sure the pads stay intact. Attach the back piece and tighten screws alternately until fully tightened.

Reinforcing Channel - S0904-XX54

This channel (part number S0904-XX54) is used in applications where a thinner handrail needs additional reinforcement. The 36" surface mount Spectrum post requires a Spacing Block (part number S0904-XX58) for installation to bring the thinner handrail to proper height. If a spacing block is required (*See Figure AT*), attach it to the post before attaching the top mounting plate.

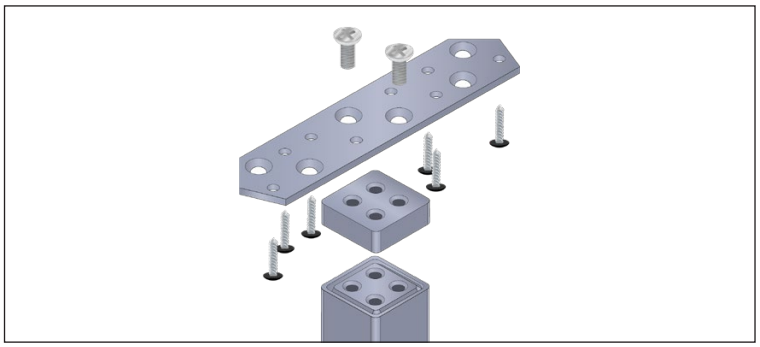


Figure AT. Attach the spacing block to the post before attaching the top mounting plate.

ATLANTIS RAIL DOES NOT RECOMMEND THE USE OF ARTIFICIAL LUMBER AS A TOP RAIL. USE AT THE INSTALLER/END USER'S OWN RISK.

The reinforcing channel is 48" in length and is ideal for 4' post spacing. It can be cut to size if shorter spans are needed. Place the channel in the center of the post on top of the top mounting plate (*See Figure AU*). Place the customer supplied top rail on top of the reinforcing channel. Use the supplied #10 wood screws to attach the channel and top mounting plate to the top rail (*See Figure AV*). Using two (2) screws at either end of all exposed slots, fasten the channel to the top rail. Also, be sure to fasten through the top mounting plate where slots offer exposed top rail access.

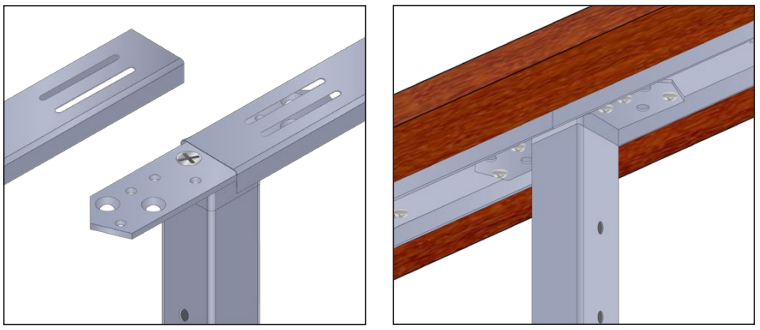


Figure AU. **(LEFT)** Place the reinforcing channel in the center of the post on atop the top mounting plate.
Figure AV. **(RIGHT** *Use the supplied fasteners to attach the channel and top mounting plate to the top rail.*

Spectrum Surface Mount Stabilizer Kit - S0905-XX45

This stabilizer kit (part number S0905-XX45) may be used with sections up to 6 feet (between posts) if all other Spectrum specifications are properly implemented (*See Figure AW*).

Atlantis Rail Cable Stabilizers are purposed for use in maintaining code compliant cable spacing between post and rail sections with spacing greater than 4 feet between posts and not exceeding 6 feet.

THE CABLE STABILIZER IS NOT A STRUCTURAL COMPONENT AND IS NOT A SUBSTITUTE FOR A POST!

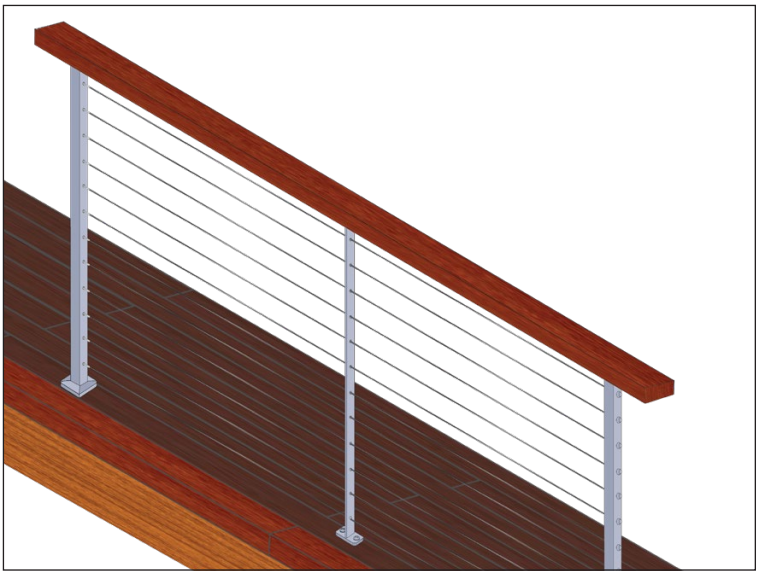


Figure AW. The stabilizer kit may be used with sections up to 6 feet (between posts).

Acorn Nut Set - C0308-UF07-2

Designed for use with HandiSwage™ Studs. This set is perfect for cable railing systems where “through post” hardware is desired for minimal obstruction. Affix the stainless steel acorn nut set to the end of a swage stud for a finished look (*See Figure AX*). Finish: Polished Stainless Steel. Available in 2 packs.

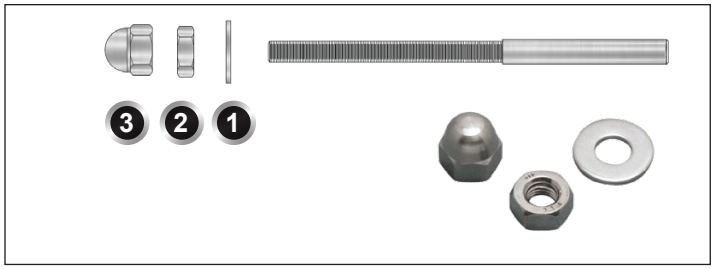


Figure AX. Acorn Nut Set Assembly Diagram - 1) Stainless Steel Washer, 2) Stainless Steel Nut & 3) Stainless Steel Acorn Nut. HandiSwage™ Stud not included.

Deluxe Cover Nut Set - C0307-U007-2

Designed for use with the HandiSwage™ Studs. The Cover Nut Set is perfect for cable railing systems where “through-post” hardware is desired for minimal obstruction. Affix to the end of the stud for a finished look (*See Figure AY*). Finish: Polished Stainless Steel. Available in 2 packs.

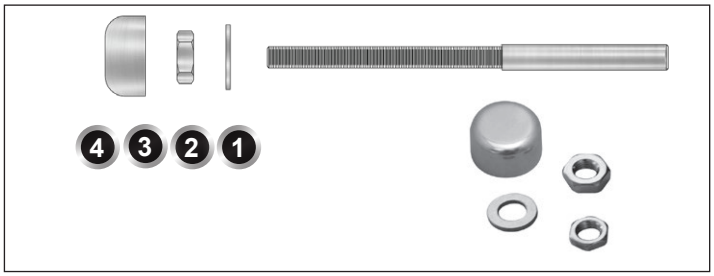


Figure AY. Deluxe Cover Nut Set Assembly Diagram - 1) Stainless Steel Washer, 2) Stainless Steel Nut 3) Stainless Steel Lock Nut & 4) Stainless Steel Deluxe Cover. HandiSwage™ Stud not included.

HandiSwage™ Cover Nut Set - C0309 Series

Designed for use with HandiSwage™ Studs. Cover Nut Sets are perfect for cable railing systems where “through-post” hardware is desired for minimal obstruction. Affix to end of swage stud for a finished look (*See Figure AZ*). Finishes: White, Light Brown, Dark Brown, Metallic Silver and Black. Available in 10 packs.

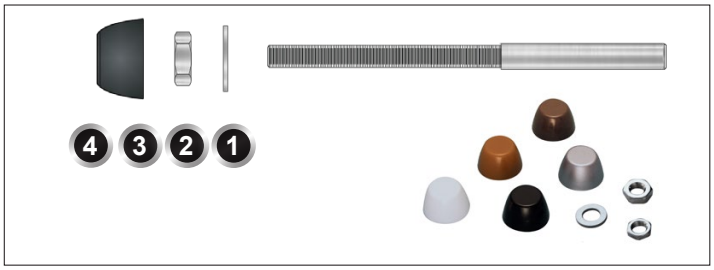


Figure AZ. HandiSwage™ Nut Set Assembly Diagram - 1) Stainless Steel Washer 2) Stainless Steel Nut 3) Stainless Steel Lock Nut & 4) HandiSwage™ Cover. HandiSwage™ Stud not included.

Spectrum System Specifications

The Spectrum System uses stainless steel square posts and fittings with horizontal cable infill. Customers must provide their own hard wood top rail. It is advised to observe that tension must be applied to fittings and cable. Posts should be fascia or surface mounted securely enough to resist detachment and hold under tension.

Straight Sections

The Spectrum System is offered in post heights of 36” or 42” for straight sections. It consists of square posts (fascia or surface mounted) with a customer supplied top rail and 12 to 14 runs of cable.

Stair Sections

Rail height for stair sections is available in 36”.

RAILING HEIGHTS ARE OFFERED IN THESE DIMENSIONS DUE TO NATIONWIDE BUILDING CODES. HOWEVER, ATLANTIS RAIL CAN SUPPLY CUSTOM HEIGHTS/LENGTHS UPON REQUEST.

Between Post Lengths

Atlantis Rail recommends staying within 4’ section lengths to maintain structural integrity.

Railing Finish

The Spectrum System is offered in standard and special order colors. Visit our website for more details.

Cable Infill

The HandiSwage™ cable infill option features a line of stainless steel hand swage fittings and 1/8” or 5/32” cable.

Cable Spacing

Cable spacing varies depending on post kit model. Consult “Spectrum Post Kit Cable Spacing & Heights” chart on the next page.

Spectrum Post Kit Cable Spacing & Heights

Part Number	Post Description	Cable Spacing	Actual Post Height	Rendered Rail Height	Height From Surface
S0904-XX36*	36” Fascia Mount Post Kit	2.63”	42”	36”	34.50” +/-
S0904-XX38-ST*	38” Fascia Mount Stair Post Kit	2.63” - 2.75”**	45.75”	34” - 36”	38.13” +/-
S0904-XX42*	42” Fascia Mount Post Kit	2.69”	48”	42”	40.50” +/-
S0904-XX42-EC*	42” Fascia Mount End/Corner Post Kit	2.69”	48”	42”	40.50” +/-
S0905-XX36*	36” Surface Mount Post Kit	2.63”	34.38”	36”	34.50”
S0905-XX38-ST*	38” Surface Mount Stair Post Kit	2.63” - 2.75”**	38.13”	34” - 36”	38.13”
S0905-XX42*	42” Surface Mount Post Kit	2.69”	40.38”	42”	40.50”

* “XX” in the part number is the color designation. Replace with “BK” for black, “MT” for metallic silver or “SP” for one of the special colors.

**Cable spacing on stair post kits vary due to the angle of the stairs. These variations are based on stair angles between 32˚ and 38˚ (aligned dimensions).

Spectrum System Product Specifications

COMPONENTS

Product	Description	Dimensions	Fasteners	Notes
S0904-XX36	36” Fascia Mount Post Kit	1.57” x 1.57” x 42”	5/16” Hex Lag Screws	Fasteners not included
S0904-XX38-ST	38” Fascia Mount Stair Post Kit	1.57” x 1.57” x 45.75”	5/16” Hex Lag Screws	Fasteners not included
S0904-XX42	42” Fascia Mount Post Kit	1.57” x 1.57” x 48”	5/16” Hex Lag Screws	Fasteners not included
S0904-XX42-EC	42” Fascia Mount End/Corner Post Kit	1.50” x 2.50” x 48”	5/16” Hex Lag Screws	Fasteners not included
S0905-XX36	36” Surface Mount Post Kit	1.57” x 1.57” x 34.38”	5/16” Hex Lag Screws	Fasteners not included
S0905-XX38-ST	38” Surface Mount Stair Post Kit	1.57” x 1.57” x 38.13”	5/16” Hex Lag Screws	Fasteners not included
S0905-XX42	42” Surface Mount Post Kit	1.57” x 1.57” x 40.38”	5/16” Hex Lag Screws	Fasteners not included
S0904-HD03-XX	Fascia Mount Hardware Kit	5/16” x 4.50””	(3) 5/16” Lag Screws	Includes Caps
S0904-HD05-XX	42” Fascia End/Corner Post Hardware Kit	3/8” x 5.00”	(5) 3/8” Lag Screws	Includes Caps
S0905-HD04	Surface Mount Hardware Kit	5/16” x 4.50”	(4) 5/16” Lag Screws	Includes Caps
S0905-XX45	36” Surface Mount Stabilizer Kit	0.25” thick x 34.50” height	#10 Wood Screws	Fasteners included
S0905-XX46	42” Surface Mount Stabilizer Kit	0.25” thick x 40.50” height	#10 Wood Screws	Fasteners included
S0701-0003-01	HandiSwage™ 1/8” Cable, 100ft. Spool	1/8” 1x19 316 stainless steel cable	--	--
S0701-0003-02	HandiSwage™ 1/8” Cable, 250ft. Spool	1/8” 1x19 316 stainless steel cable	--	--
C0978-4025	RailEasy™ 5/32” Cable, 25ft. Spool	5/32” 1x19 316 stainless steel cable	--	--
C0978-4100	RailEasy™ 5/32” Cable, 100ft. Spool	5/32” 1x19 316 stainless steel cable	--	--
C0978-4500	RailEasy™ 5/32” Cable, 500ft. Spool	5/32” 1x19 316 stainless steel cable	--	--
C0731-H0703 -2	HandiSwage™ Standard Stud (2 Pack)	1/8” 3.620” length 1/4”-28	RH thread UNF	Hand swage use only
C0731-H0703 -10	HandiSwage™ Standard Stud (10 Pack)	1/8” 3.620” length 1/4”-28	RH thread UNF	Hand swage use only
C0731-H0704 -2	HandiSwage™ Standard Stud (2 Pack)	5/32” 3.620” length 1/4”-28	RH thread UNF	Hand swage use only
C0731-H0704 -10	HandiSwage™ Standard Stud (10 Pack)	5/32” 3.620” length 1/4”-28	RH thread UNF	Hand swage use only
C0916-0003-25	Cable Grommets (25 Pack)	--	--	For use in Mid Posts
C0841-0030-2	Stair Spacer (2 Pack)	1/4” 30° .500” Length .750” OD	--	--
C0841-0034-2	Stair Spacer (2 Pack)	1/4” 34° .500” Length .750” OD	--	--
C0841-0038-2	Stair Spacer (2 Pack)	1/4” 38° .590” Length .750” OD	--	--
S0904-XX53	Wide Mounting Plate	316 stainless steel	--	--
S0904-XX60	ADA Mounting Clamp	316 stainless steel	--	--
S0904-XX54	Reinforcing Channel	316 stainless steel	#10 Wood Screws	--
C0308-UF07-2	Acorn Nut Set (2 Pack)	.674” complete assembly	--	1/4”-28 RH thread UNF
C0307-U007-2	Deluxe Cover Nut Set (2 Pack)	.400” length .750” OD	--	1/4”-28 RH thread UNF
C0309-WH02-10	HandiSwage™ Cover Nut Set (10 Pack)	.420” length .690” OD (White)	--	1/4”-28 RH thread UNF
C0309-LB02-10	HandiSwage™ Cover Nut Set (10 Pack)	.420” length .690” OD (Light Brown)	--	1/4”-28 RH thread UNF
C0309-BR02-10	HandiSwage™ Cover Nut Set (10 Pack)	.420” length .690” OD (Dark Brown)	--	1/4”-28 RH thread UNF
C0309-BK02-10	HandiSwage™ Cover Nut Set (10 Pack)	.420” length .690” OD (Black)	--	1/4”-28 RH thread UNF
C0309-MT02-10	HandiSwage™ Cover Nut Set (10 Pack)	.420” length .690” OD (Metallic Silver)	--	1/4”-28 RH thread UNF
E0113-H600	HandiSwage™ Hand Swager	24” length, swages 1/8”, 5/32” & 3/16”	--	--
E0113-HG00	After Swage Gauge	Measures 1/8”, 5/32” & 3/16” swages	--	Included w/ Hand Swager
C0989-00HD	RailEasy™ Cable Cutter	Cuts up to 5/32” cable	--	--
E0114-0000	Cable Grip Pad (3 Pack)	0.13” x 0.75” x 2.00”	--	Neoprene Rubber
E0916-1000	Grommet Install Tool	Fits Atlantis Cable Grommet Series	--	--
C0731-TK01-2	HandiSwage™ Combo Wrench (2 Pack)	3/8” & 7/16”	--	For tensioning Studs

A

FAIR-PLAY

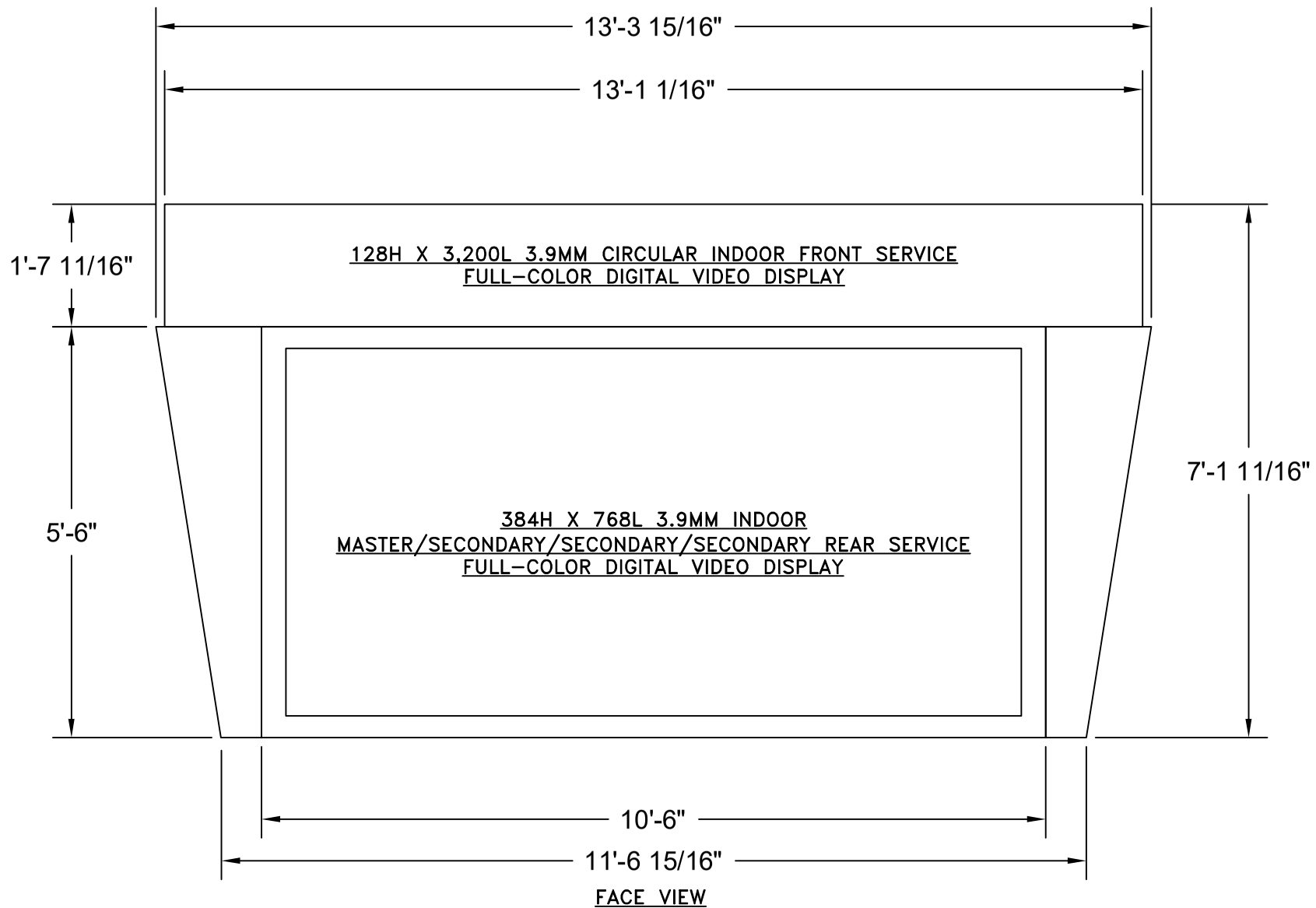
Signal Black Cabinet

model no: 01-0903-185-1

S13196

Design Proposal

Conceptual illustration only. Customer must provide press-ready custom artwork for best results.



FACE VIEW
FACE 1 SHOWN, FACES 2-4 TYPICAL

384H X 768L 3.9MM INDOOR MASTER/SECONDARY/SECONDARY/SECONDARY REAR SERVICE FULL-COLOR DIGITAL VIDEO DISPLAY

ACTIVE AREA: 9'-10 1/8"L X 4'-11 1/16"H (PER FACE)
CABINET SIZE: 10'-6"L X 5'-6"H (PER FACE)

POWER: RECOMMENDED CUSTOMER PROVIDED DISCONNECT SIZE:
DISPLAY POWER CONSUMPTION: 1,440 WATTS. (PER FACE)
5,760 WATTS. (4-FACES TOTAL)
MULTIPLE 120 VAC, 60 Hz., CONNECTIONS - (L1, N, G) POWER CONNECTION BETWEEN DISPLAY AND DISCONNECT BOX.

CONTROL CONSOLE: VX400.

LEDs: RGB LED.

ESTIMATED WEIGHT: 1,670 LBS. (PER FACE)

GENERAL NOTES:
* REFERENCE 01-0500-01 FOR INSTALLATION NOTES.
* POWER REQUIREMENTS ARE VALID FOR 90 DAYS AFTER THE ORIGINAL RELEASE OR BY THE MOST RECENT REVISION OF THE DRAWING.

128H X 3,200L 3.9MM CIRCULAR INDOOR REAR SERVICE FULL-COLOR DIGITAL VIDEO DISPLAY

ACTIVE AREA: 41'-0 1/8"L X 1'-7 11/16"H

POWER: RECOMMENDED CUSTOMER PROVIDED DISCONNECT SIZE:
DISPLAY POWER CONSUMPTION: 2,250 WATTS
MULTIPLE 120 VAC, 60 Hz., CONNECTIONS - (L1, N, G) POWER CONNECTION BETWEEN TL VISION DISPLAY AND DISCONNECT BOX.

120 VAC AT THE CONTROL LOCATION.

CONTROL CONSOLE: VX400.

LEDs: RGB LED.

ESTIMATED WEIGHT: 580 LBS.

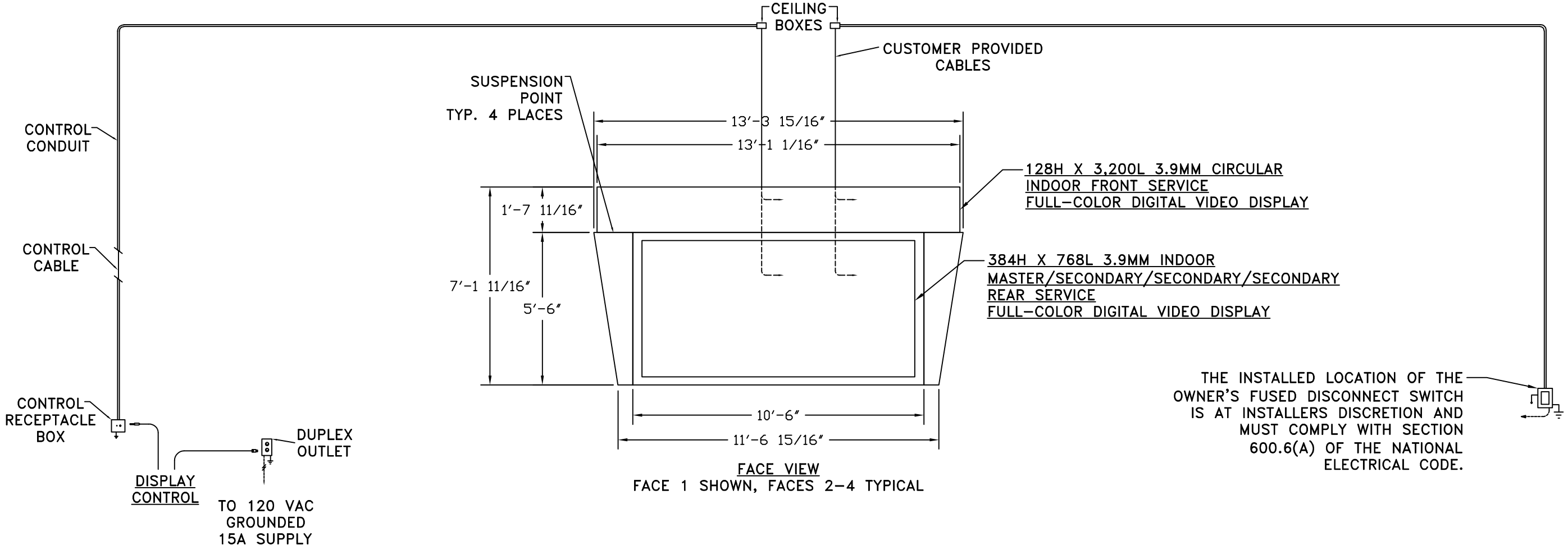
OR	ORIGINAL RELEASE	07-18-24	BEW
REV.#	CHANGE	DATE	BY

CUSTOMER APPROVAL:	MY SIGNATURE BELOW SIGNIFIES MY APPROVAL TO PROCEED WITH THE DESIGN WORK SPECIFIED HEREIN AND ACKNOWLEDGEMENT THAT I HAVE RECEIVED AND READ THE INSTALLATION SPECIFICATIONS CONTAINED IN FAIR-PLAY DOCUMENT NO. 01-0500-01. CONSULT YOUR FAIR-PLAY SALES ASSOCIATE IF YOU SHOULD HAVE ANY QUESTIONS OR REQUIRE ANY CHANGES TO THIS DOCUMENT.
PROJECT:	SIGNATURE: DATE:
REFERENCE #:	PRINT NAME:

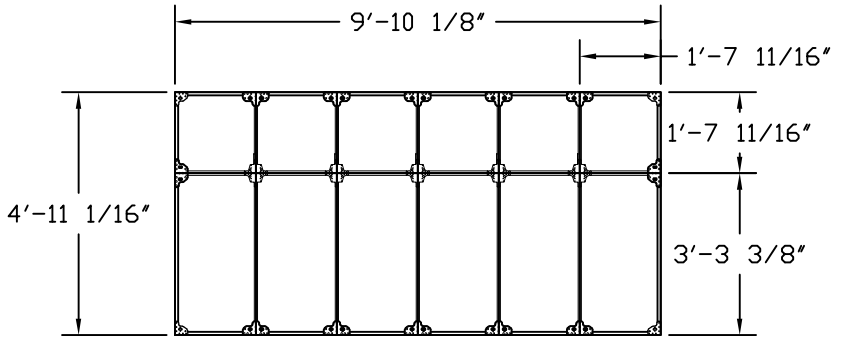
FAIR-PLAY

6110 AVIATOR DRIVE
HAZELWOOD, MO 63042

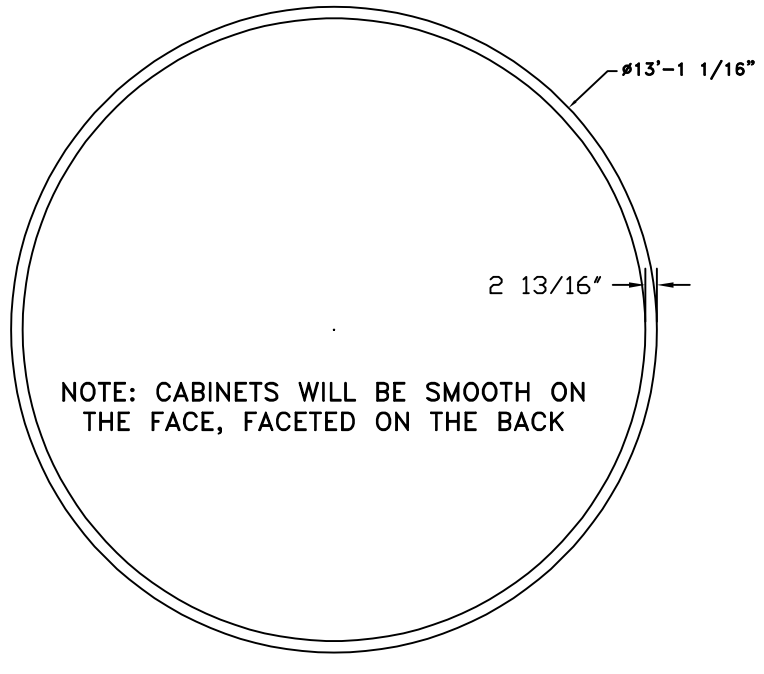
TITLE	FACE VIEW FOR MSSS 384H X 768L 3.9MM ID RS DISPLAY	DRAWN BY BEW	B
		DATE 07-18-24	MODEL 3.9MM
		SCALE 1/2"=1'-0"	DWG. NO. 01-0903-185-1



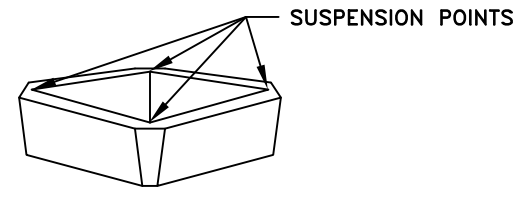
FACE VIEW
FACE 1 SHOWN, FACES 2-4 TYPICAL



FRAME DETAILS
384H X 768L 3.9MM INDOOR
MASTER/SECONDARY/SECONDARY/SECONDARY
REAR SERVICE
FULL-COLOR DIGITAL VIDEO DISPLAY
BACK VIEW
FACE 1 SHOWN, FACES 2-4 TYPICAL



128H X 3,200L 3.9MM CIRCULAR INDOOR
FRONT SERVICE
FULL-COLOR DIGITAL VIDEO DISPLAY
TOP VIEW



FOUR-SIDED ARRANGEMENT
INTERNAL STRUCTURE TO BE DESIGNED

NOTES:
POWER WIRES SHOULD BE ROUTED IN SEPARATE CONDUIT FROM CONTROL CABLE. SUGGEST 1/2" CONDUIT FOR CONTROL.

FAIR-PLAY ASSUMES NO RESPONSIBILITIES FOR INSTALLATIONS DONE BY OTHERS.

* REFERENCE 01-0500-01 FOR INSTALLATION NOTES.

DIMENSIONS AND WEIGHTS ARE SUBJECT TO CHANGE BASED ON FINAL FRAME DESIGN.

CUSTOMER APPROVAL:	MY SIGNATURE BELOW SIGNIFIES MY APPROVAL TO PROCEED WITH THE DESIGN WORK SPECIFIED HEREIN AND ACKNOWLEDGEMENT THAT I HAVE RECEIVED AND READ THE INSTALLATION SPECIFICATIONS CONTAINED IN FAIR-PLAY DOCUMENT NO. 01-0500-01. CONSULT YOUR FAIR-PLAY SALES ASSOCIATE IF YOU SHOULD HAVE ANY QUESTIONS OR REQUIRE ANY CHANGES TO THIS DOCUMENT.	
PROJECT:	SIGNATURE:	DATE:
REFERENCE #:	PRINT NAME:	

OR	ORIGINAL RELEASE	07-18-24	BEW
REV.#	CHANGE	DATE	BY

FAIR-PLAY

6110 AVIATOR DRIVE
HAZELWOOD, MO 63042

TITLE: INSTALLATION FOR MSSS 384H X 768L 3.9MM, 3.9MM	DRAWN BY BEW	B	MODEL 3.9MM
	DATE 07-18-24		DWG. NO. 01-0903-185-2
	SCALE 1/4"=1'-0"		