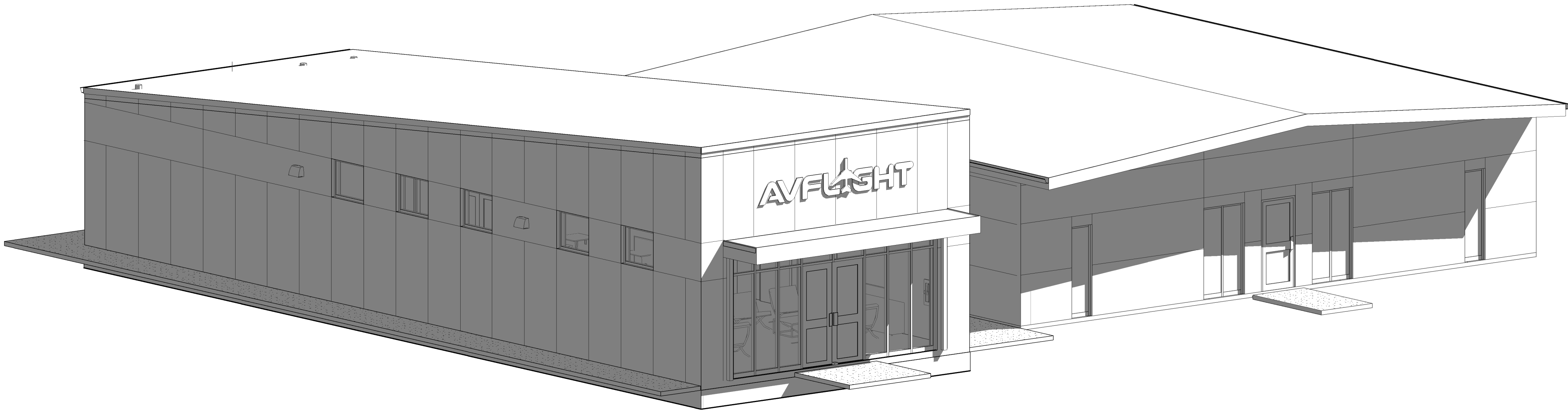


Construction Documents



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#	Description	Date

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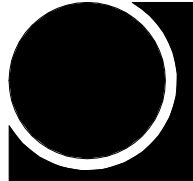


Columbus, MS

A000
Cover Sheet

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
	26002.00



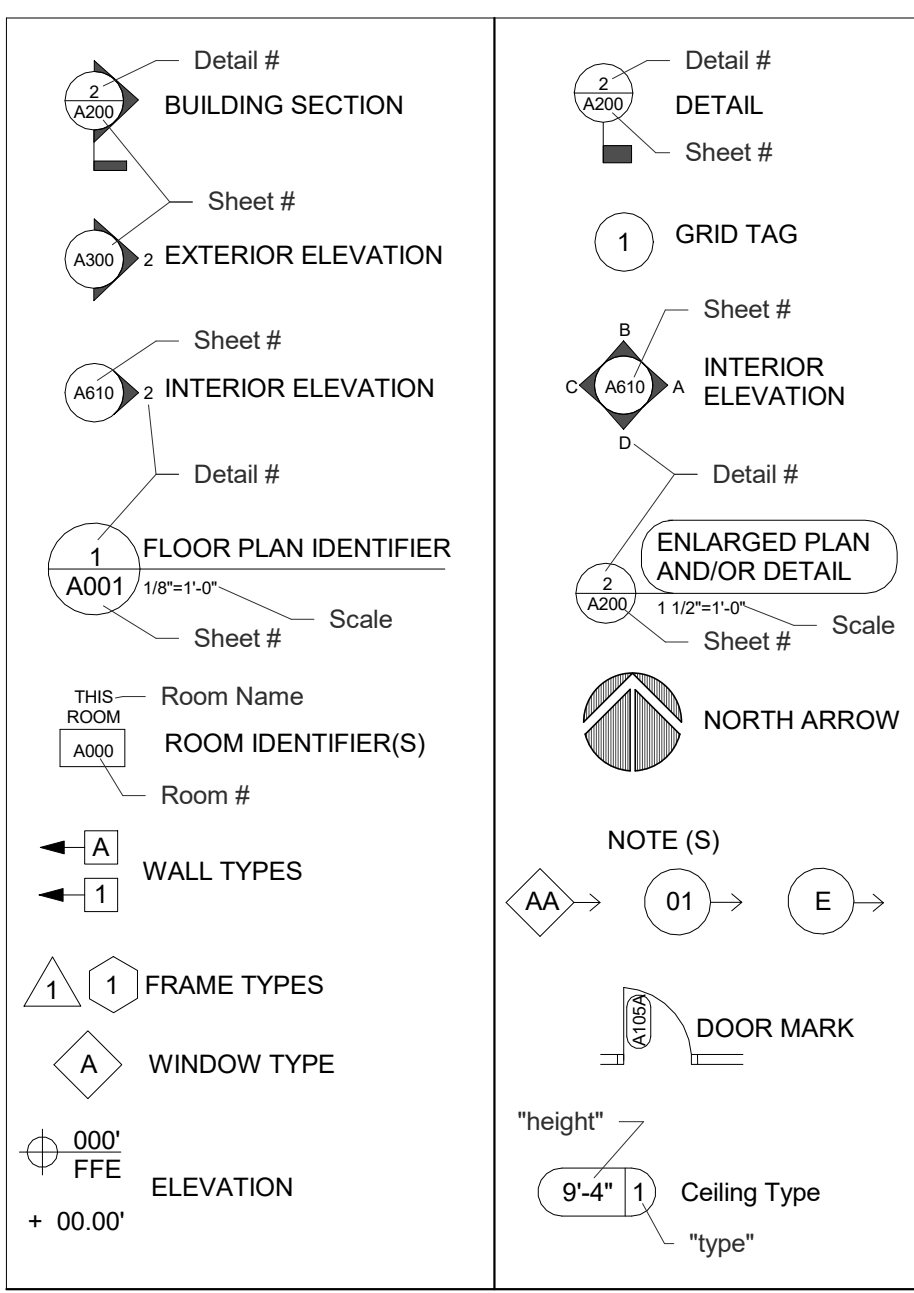
MATERIALS REFERENCING - (LIST IS NOT ALL INCLUSIVE)

02 - Existing Conditions	
Key Value	Keynote Text
02 41 19	Selective Demolition
03 - Concrete	
Key Value	Keynote Text
03 30 00.A1	Reinforced Concrete
03 30 00.A5	Concrete Footing See Structural
03 30 00.B6	Welded Wire Mesh
03 30 00.C7	Rebar
03 30 00.C8	Laminated Moisture Barrier
05 - Metals	
Key Value	Keynote Text
05 12 00.A0	Steel Framing (See Structural)
05 31 23	Steel Roof Decking
05 40 00.A3	1-1/2" Furring Channel
05 40 00.A4	7/8" Hat Channel
05 40 00.C1	3 5/8" Metal Studs
05 40 00.C2	3-5/8" Metal Studs (16" OC)
05 40 00.D2	6" Metal Studs (16" OC)
05 40 00.E1	8" Metal Studs
06 - Woods/ Plastics	
Key Value	Keynote Text
06 10 00.B2	2X4
06 10 00.B3	2X6
06 10 00.B6	2X12
06 10 00.C8	Treated 2X4
06 10 00.C9	Treated 2X6
06 10 00.C12	Treated 2X12
06 10 00.G0	1/2" Exterior Grade Plywood
06 16 00.D11	5/8" Plywood Set In Mastic
06 41 00.A0	Millwork
06 41 00.B2	Base Cabinet
06 41 16.C2	Drawer Guides
06 41 16.C3	Pulls
07 - Thermal/ Moisture	
Key Value	Keynote Text
07 15 00.A3	Membrane Waterproofing
07 21 00.A0	Compressible Insulation
07 21 00.A3	R-13 Batt Insulation
07 21 00.A11	3 1/2" Batt Insulation
07 21 00.A12	6" Batt Insulation
07 21 00.B2	3 1/2" Sound Batt
07 21 00.B3	6" Sound Batt
07 41 13	Metal Roof Panels
07 41 13.A2	30 Pound Felt
07 42 13.19	Insulated Metal Wall Panels
07 42 13.53	Metal Soffit Panel
07 42 13.A10	Base Flashing
07 52 16.A1	Modified Bituminous Membrane Roofing
07 52 16.A2	Modified Bituminous Flashing
07 52 16.A3	Fiber Cant
07 52 16.A4	2" Rigid Insulation
07 52 16.A5	1/2" Recovery Board
07 52 16.A6	1/4" Tapered Insulation
07 54 23	Thermoplastic-Polyolefin (TPO) Roofing
07 54 23.A1	Thermoplastic-Polyolefin Flashing
07 62 00.A0	Continuous Cleat
07 62 00.A6	Counter Flashing
07 62 00.A7	Metal Edge
07 62 00.A9	Metal Flashing
07 62 00.A11	Watertight Metal Umbrella
07 62 00.A12	Metal Draw Band
07 62 00.A13	Lead Flashing
07 62 00.A14	Metal Coping
07 62 00.F0	Metal Fascia
07 62 00.G3	Gutter
07 62 00.G6	Metal Coping
07 62 00.G12	Downspout
07 92 00.A1	Sealant
07 92 00.A5	Caulk
07 92 00.B1	Caulk & Backer Rod
07 92 00.B2	Backer Rod & Sealant
07 95 13	Expansion Joint Cover Assemblies

08 - Doors/ Windows	
Key Value	Keynote Text
08 11 13.A1	Hollow Metal Frame
08 14 16.A0	Wood Door
08 41 13.A0	Aluminum Storefront
08 41 13.A1	Aluminum Door
08 41 13.A3	Aluminum Frame
08 41 13.A5	Aluminum Sub sill
08 41 13.A8	Infill Panel
08 41 13.A9	Aluminum Threshold
08 41 13.A10	Door Sweep
08 80 00.D10	5/8" Insulated Tempered Tinted Glass
08 80 00.D13	1" Insulated Tempered Tinted Glass
08 80 00.D14	1" Insulated Tinted Glass
09 - Finishes	
Key Value	Keynote Text
09 22 16.13.D1	3 5/8" Metal Studs
09 22 16.13.D3	3 5/8" Metal Studs @ 16" O.C.
09 22 16.13.F1	6" Metal Studs
09 22 16.13.F4	6" Metal Studs @ 24" O.C.
09 22 16.13.G1	8" Metal Studs
09 22 16.13.H8	10" Metal Stud (Min. Header)
09 29 00.A4	5/8" Gypsum Board
09 29 00.D12	5/8" Exterior Grade Gypsum Sheathing
09 29 00.H1	Corner Bead
09 29 00.H3	J Mold
09 30 13.A2	Ceramic Wall Tile
09 30 13.C3	Marble Threshold
09 51 23.A0	Acoustical Lay-In Ceiling
09 51 23.A1	Acoustical Lay-In Ceiling (Moisture Resistant)
09 65 00.B5	Rubber Base
09 91 00.A1	Paint
10 - Specialties	
Key Value	Keynote Text
10 14 23.13	Engraved Panel Signage
10 28 00.A1	Mirror
10 28 00.A6	Grab Bar
10 44 13.19	Semi-Recessed Fire Extinguisher Cabinet
10 44 16	Fire Extinguishers
12 - Furnishings	
Key Value	Keynote Text
12 36 61.19	Quartz Countertop
12 36 61.20	Quartz Backsplash
13 - Special Construction	
Key Value	Keynote Text
13 34 19.A1	Metal Building Column
13 34 19.A4	Gable Angle
13 34 19.A5	Rigid Frame
13 34 19.B3	Roof Panel
13 34 19.B5	Interior Liner Panel
13 34 19.C1	Z-Purlin
13 34 19.C4	8" Girt
13 34 19.C8	Eave Strut
13 34 19.C10	C-Channel
13 34 19.C11	Closure Strip
13 34 19.D2	Reinforced Vinyl Backed Fiberglass Building Blanket
13 34 19.D3	Closure
13 34 19.D11	Jamb Trim
13 34 19.D14	Eave Flashing

22 - Plumbing	
Key Value	Keynote Text
22 40 00.A20	Sink
22 40 00.E3	Toilet
23 - Mechanical/ HVAC	
Key Value	Keynote Text
23 00 00.A0	Mechanical Equipment (See Mech)
23 00 00.A5	Ductwork (See Mech)
23 00 00.A7	Exhaust Fan
23 00 00.B1	Diffuser
26 - Electrical	
Key Value	Keynote Text
26 50 00.A1	Light Fixture
31 - Earth Work	
Key Value	Keynote Text
31 23 23.13	Compacted Backfill
31 23 23.A4	Granular Fill
32 - Exterior Improvements	
Key Value	Keynote Text
32 13 13.A1	Concrete Walk
32 13 13.A2	Expansion Joint
32 31 19	Decorative Metal Fences And Gates

SYMBOLS LEGEND



ALTERNATES

Alternate #1 - Replace exterior siding at existing FBO building.

Alternate #2 - Provide parking north of FBO addition.

Alternate #3 - Relocate/Replace sliding gate.

PROJECT TEAM

OWNER
Golden Triangle Regional Airport Authority
Lowndes County, Mississippi

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A003	Site Plan
A004	Life Safety / Code Review
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C2.0	Demolition Plan
C3.0	Geometric Layout Plan (Base Bid & Add. Alt. #2)
C4.0	Grading Plan & Erosion Control Plan (Base Bid)
C4.1	Grading & Erosion Control Plan (Add. Alt. #2)
C5.0	Storm Drainage Plan (Base Bid)
C5.1	Storm Drainage Profiles (Base Bid)
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C6.2	Typical Details
C6.3	Typical Details
CE1.0	Electrical Demolition Plan (Add. Alt. #3)
CE2.0	Electrical Plan (Add. Alt. #3)
CE3.0	Gate Details 1 (Add. Alt. #3)
CE3.1	Gate Details (Add. Alt. #3)
CE3.2	Gate Details (Add. Alt. #3)
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A201	Floor Plan - Addition
A210	Reflected Ceiling Plan
A220	Roof Plan
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A500	Large Scale Plans
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S001	Structural Notes
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S100	Foundation Plan
S200	Roof Framing Plan
S300	Foundation Sections and Details
S301	Foundation Sections and Details
S302	Framing Sections and Details
S303	Framing Sections and Details
S400	Roof Sections and Details
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P001	Notes, Legend, Schedules - Plumbing
P002	Details, Schedules - Plumbing
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- MECHANICAL -	
M001	Legends, Notes - Mechanical
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E001	Legend & Schedules - Electrical
E002	Panel Schedule - Electrical
E201	Floor Plan - Lighting
E301	Floor Plan - Power

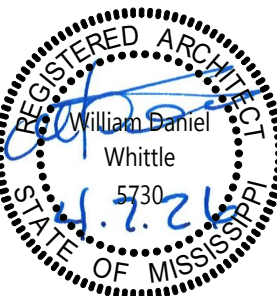
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A001

Materials Referencing / Index of Drawings

Drawn By
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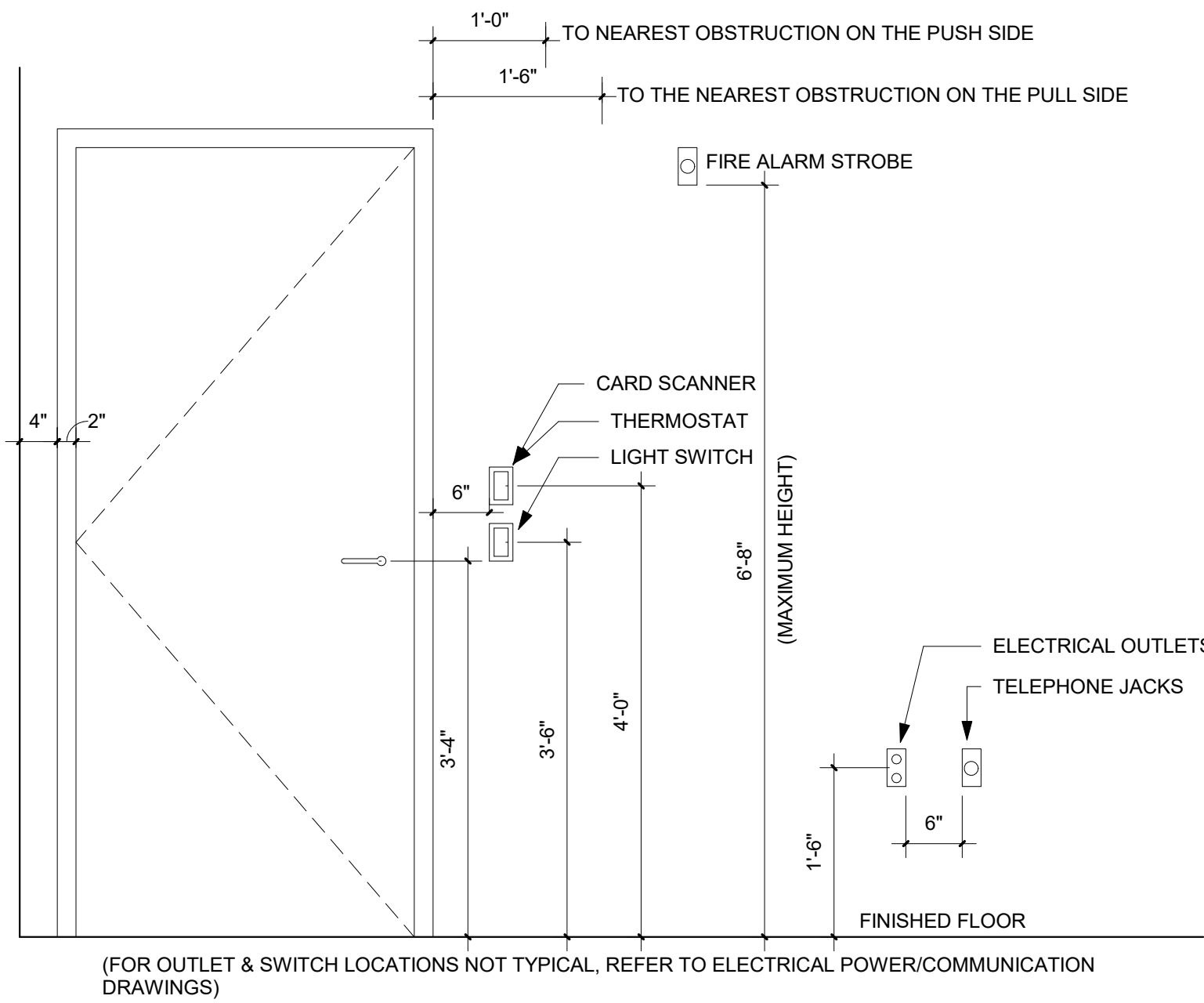
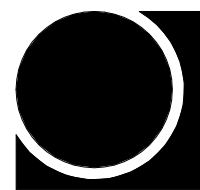
Checked By
BW

Date
April 7, 2026

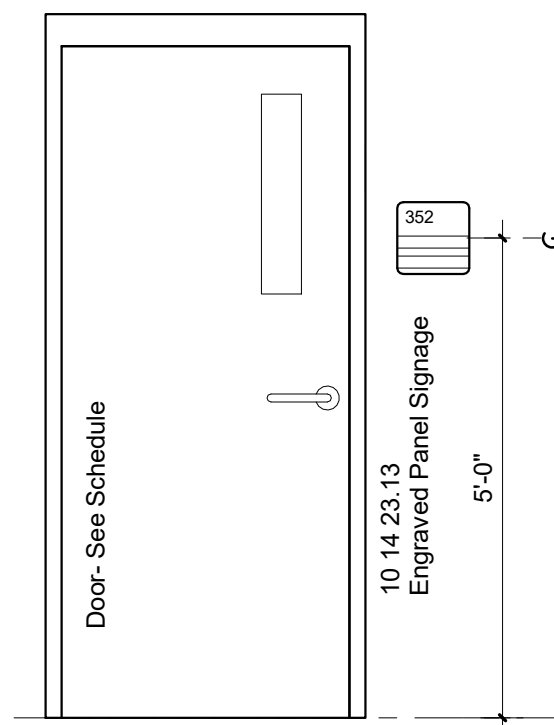
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Project Number
26002.00

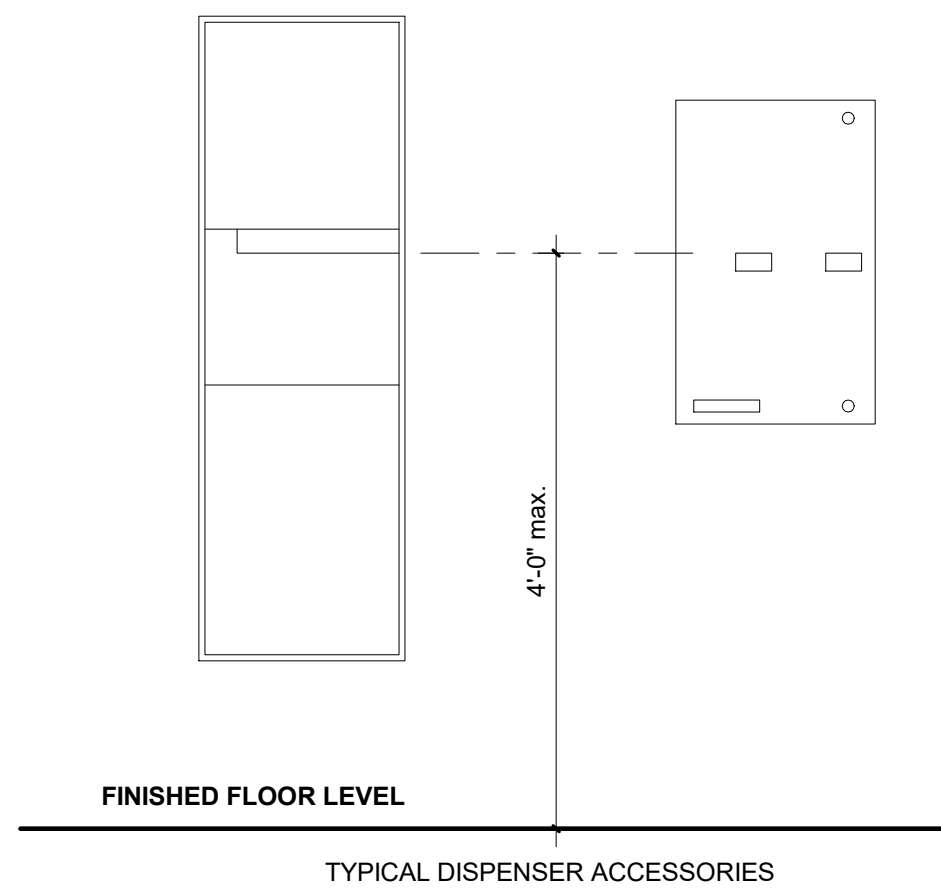
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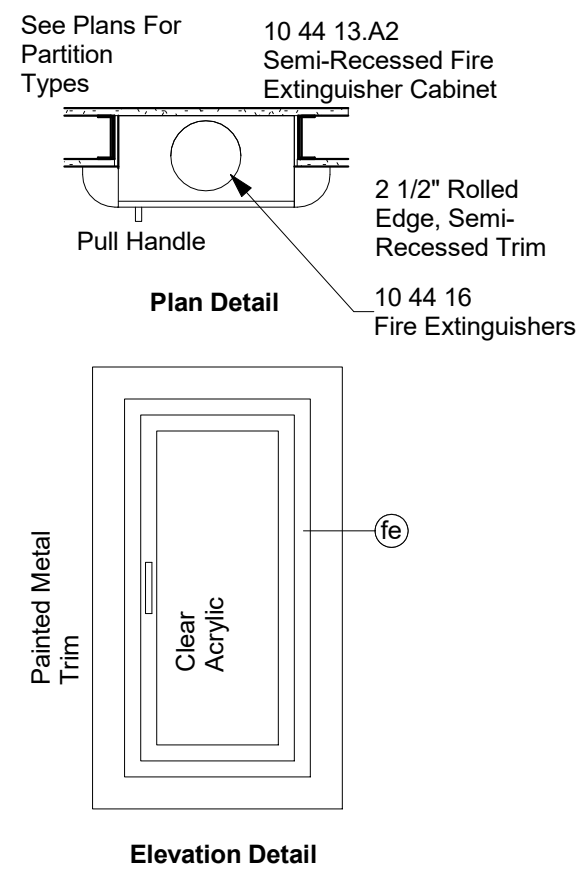
11 Mounting Heights- General
3/4" = 1'-0"



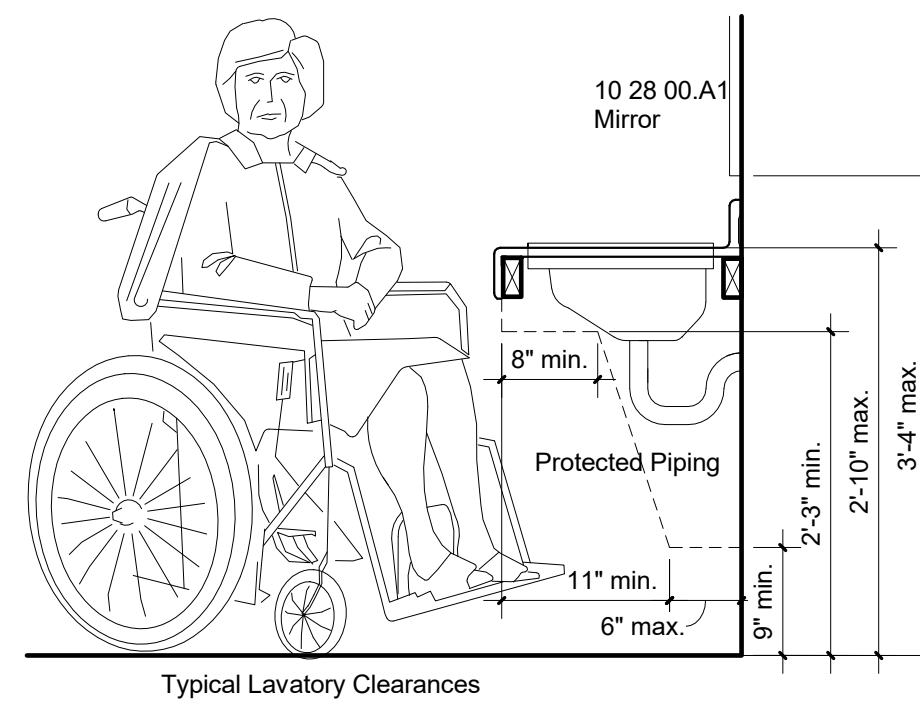
9 Interior Signage
1/2" = 1'-0"



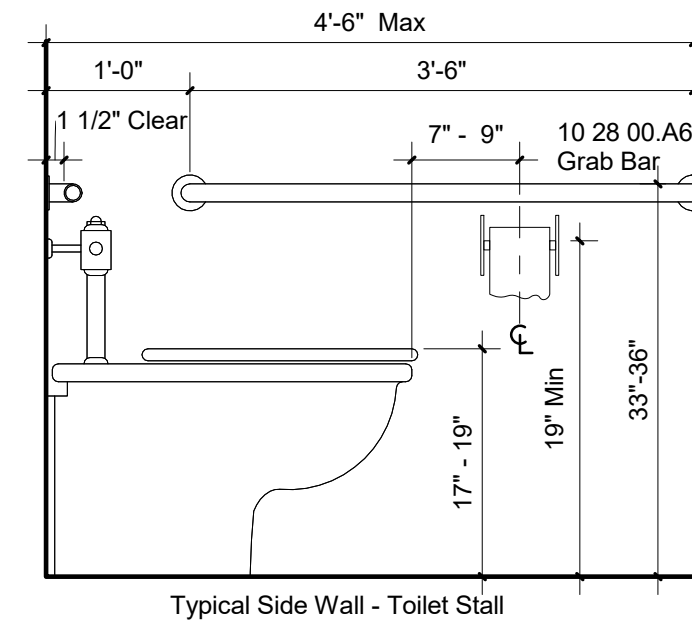
6 Typical Mounting Heights
3/4" = 1'-0"



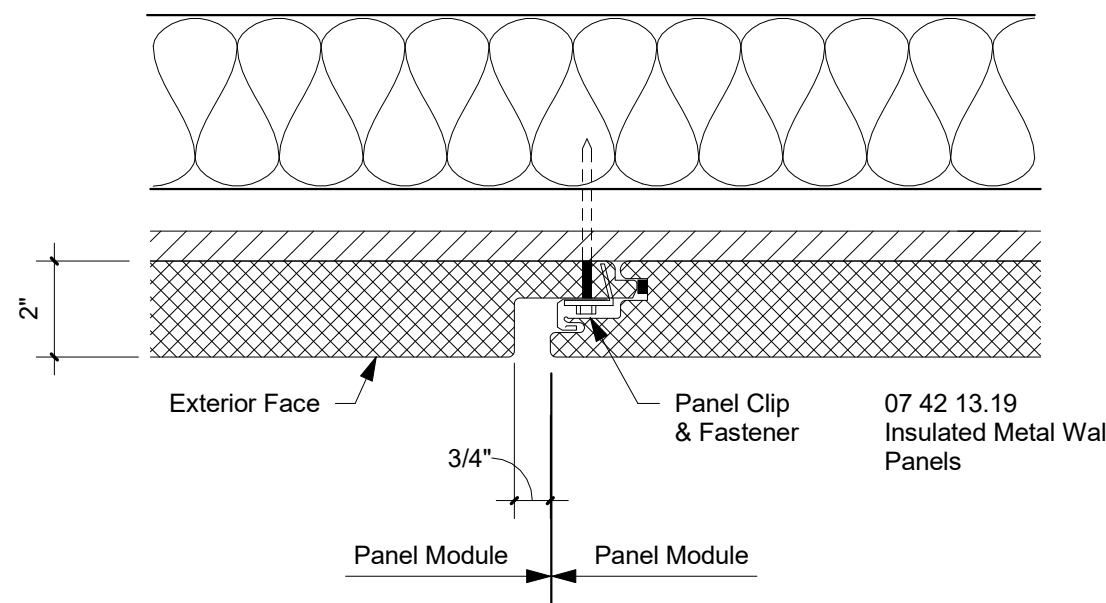
3 Fire Extinguisher
3/4" = 1'-0"



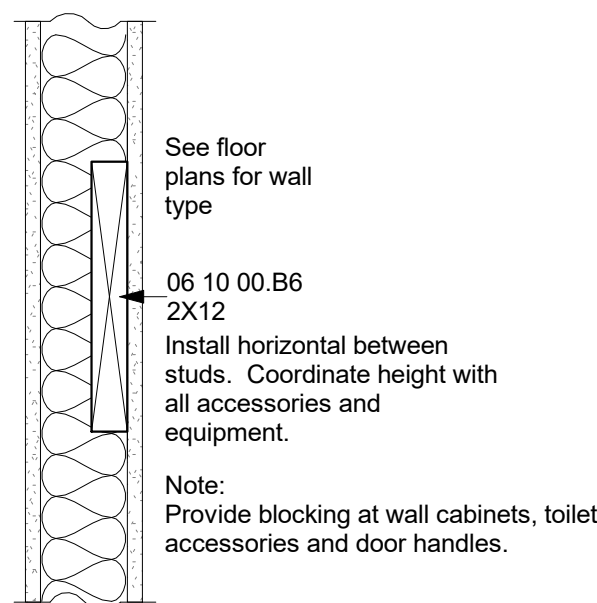
1 ADA Clearances
3/4" = 1'-0"



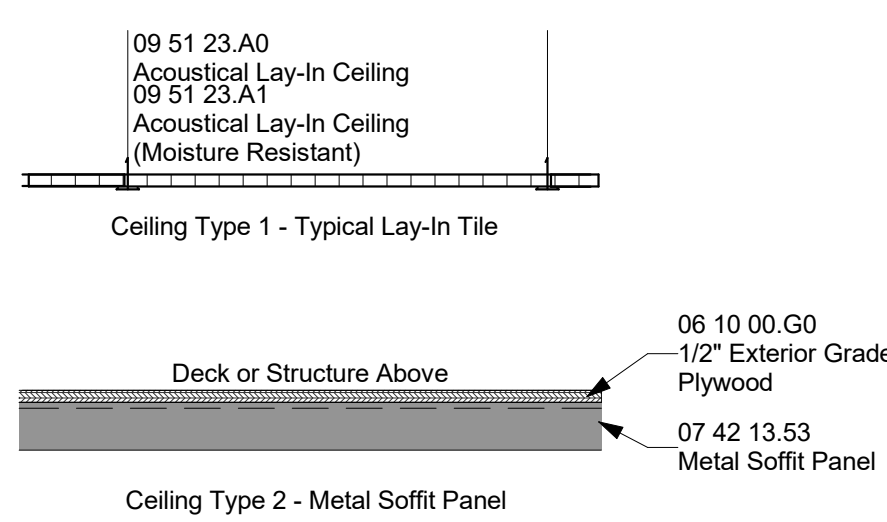
2 Roof Types
1 1/2" = 1'-0"



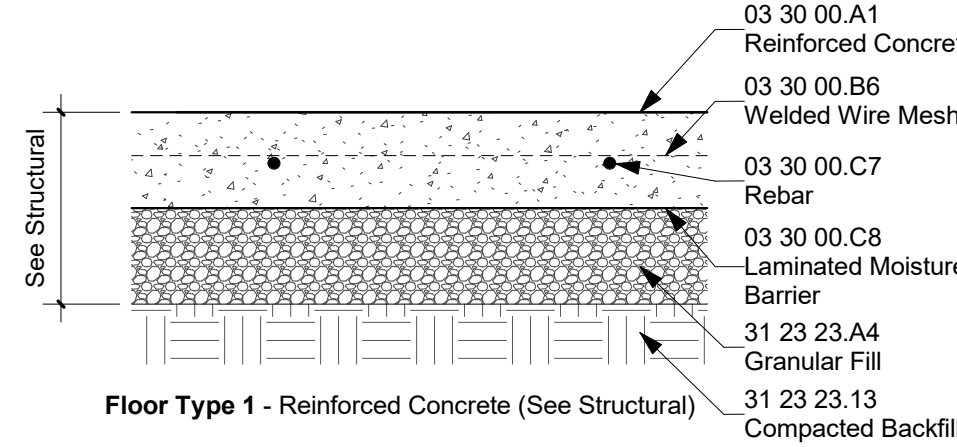
12 Panel Joint
3" = 1'-0"



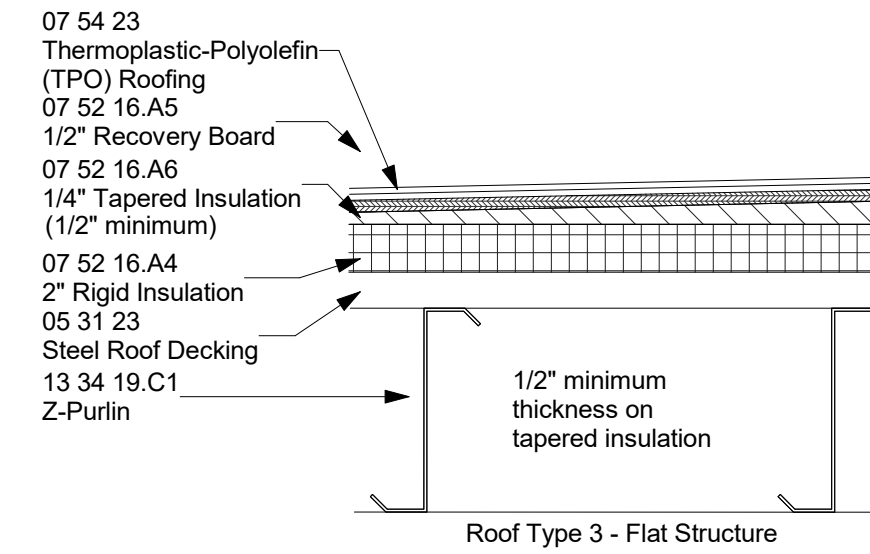
10 Wood Blocking
1 1/2" = 1'-0"



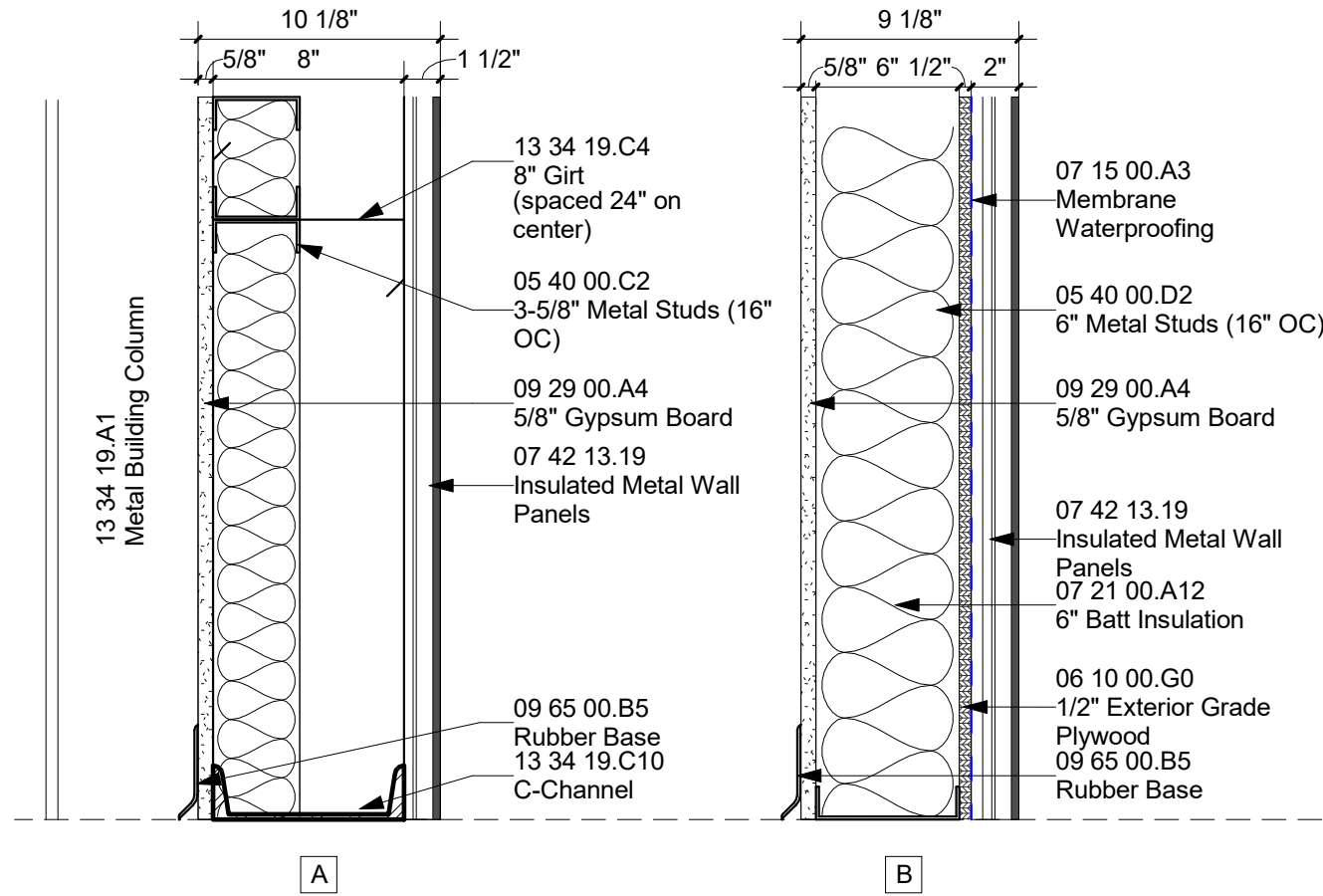
7 Ceiling Types
1 1/2" = 1'-0"



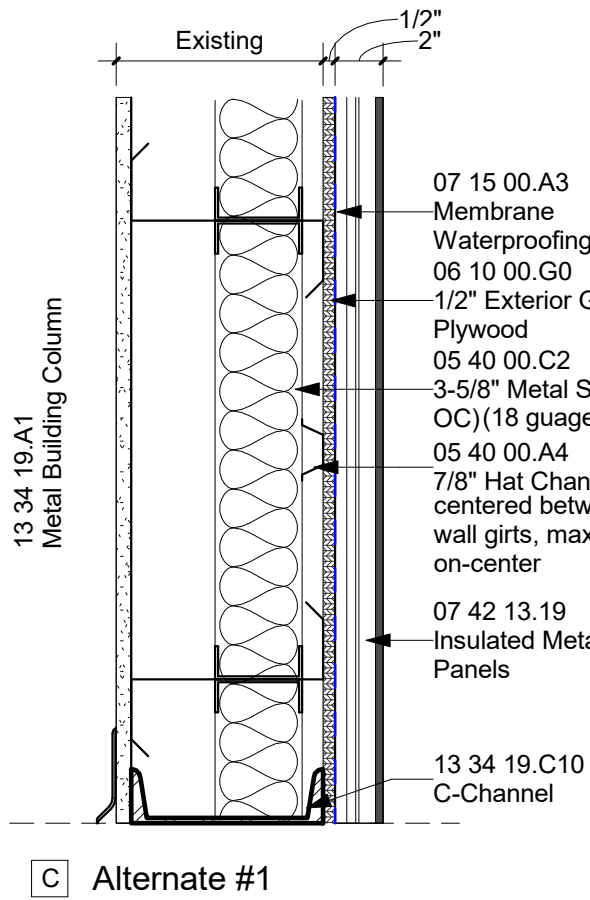
4 Floor Types
1 1/2" = 1'-0"



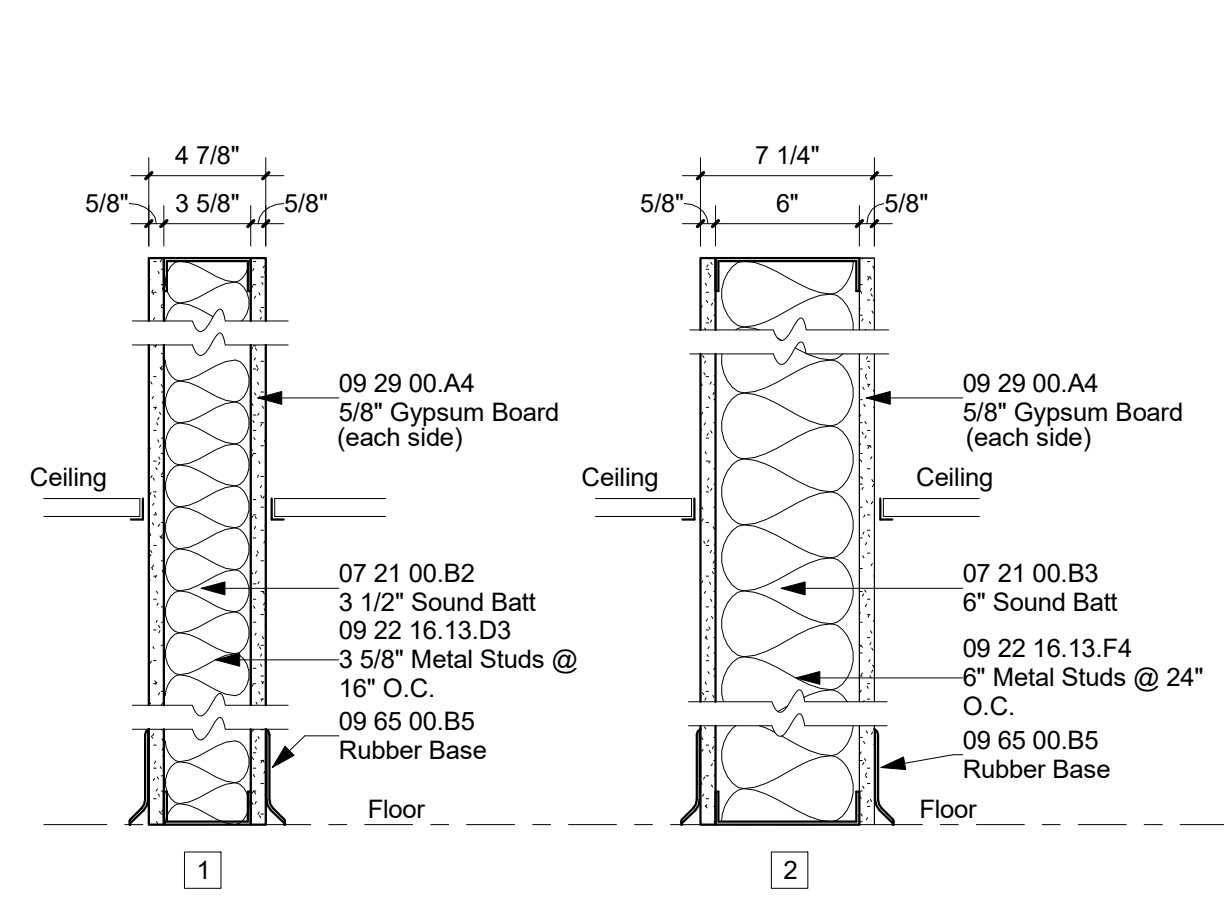
2 Roof Types
1 1/2" = 1'-0"



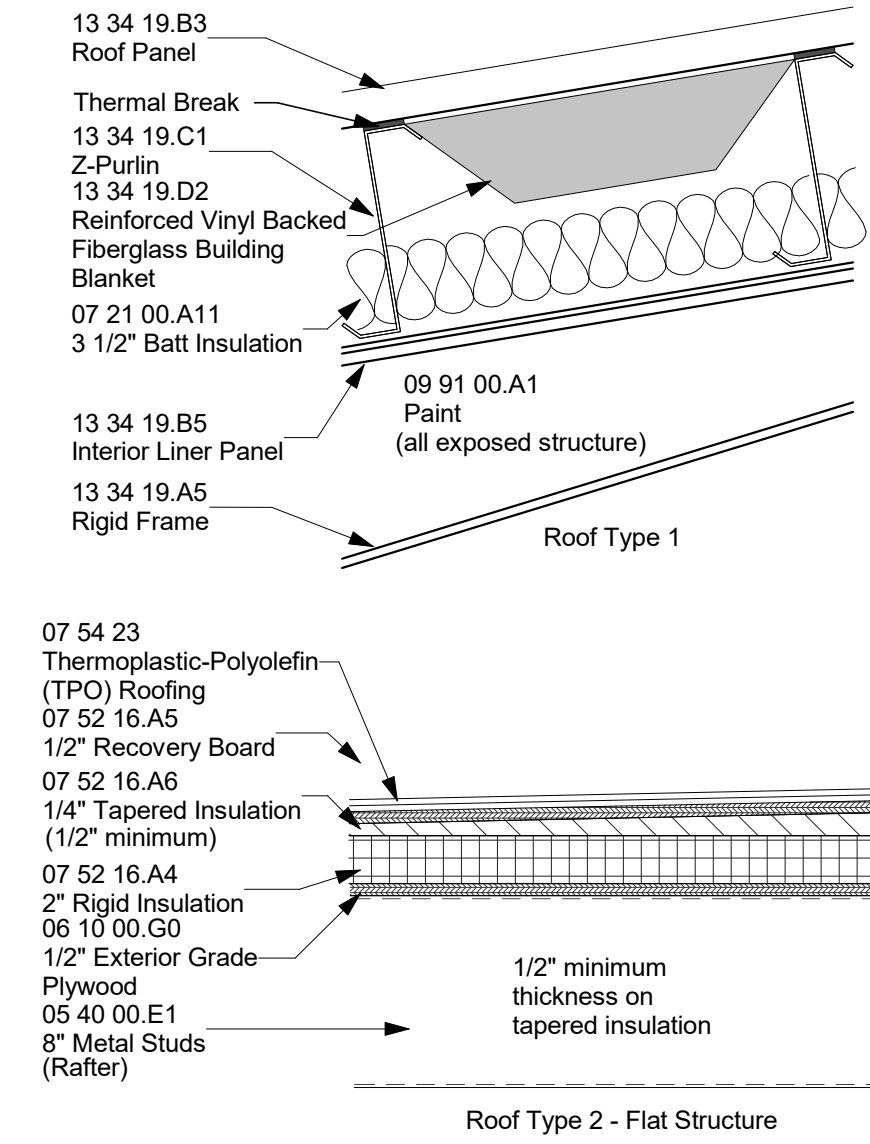
8 Exterior Wall Types
1 1/2" = 1'-0"



C Alternate #1



5 Interior Wall Types
1 1/2" = 1'-0"



Golden Triangle Regional Airport

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A002
Construction Types

Drawn By: TW
Checked By: BW
Date: April 7, 2026

Scale: As indicated
Project Number: 26002.00

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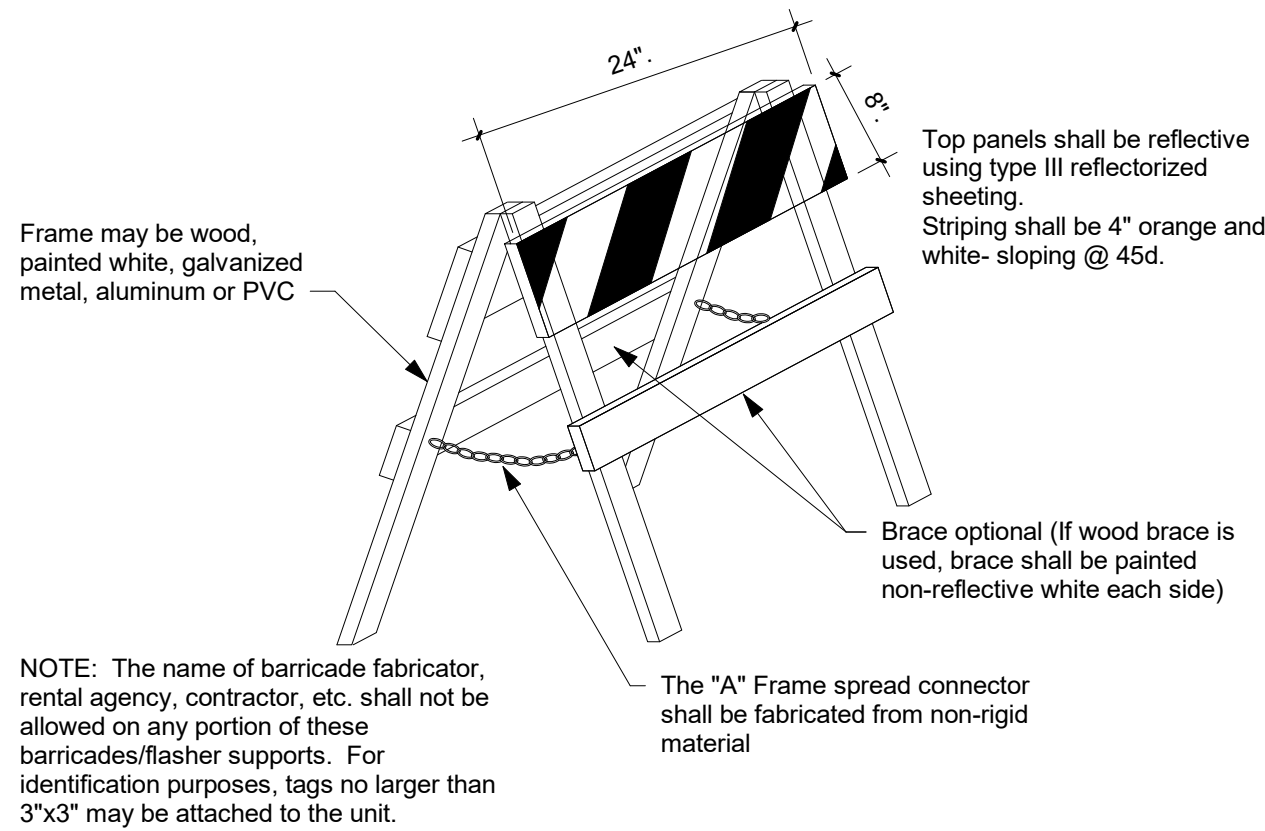
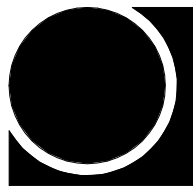
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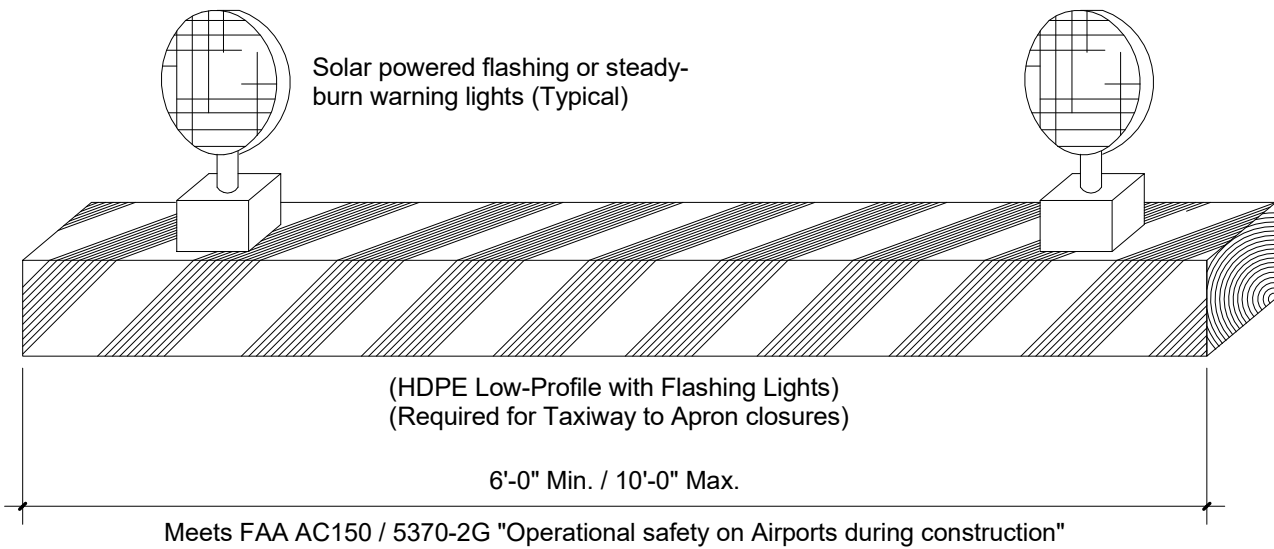
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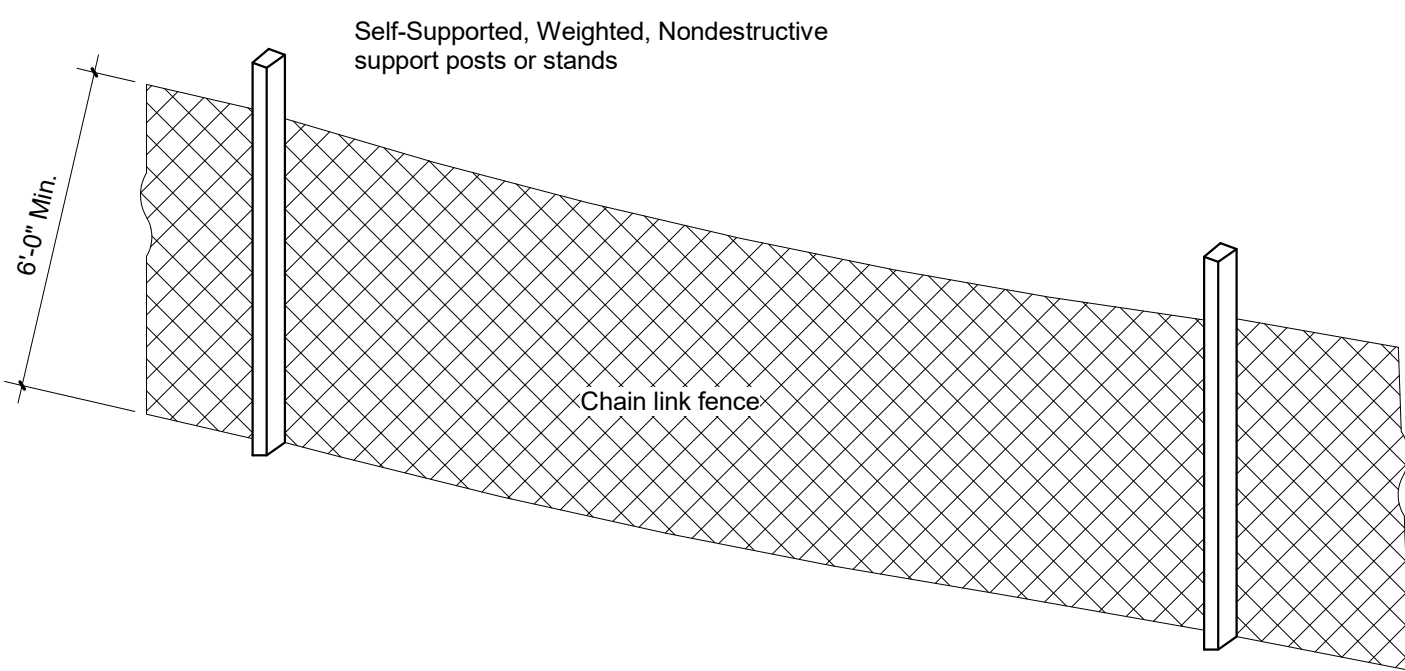
2 Portable Barricade Detail

3/4" = 1'-0"



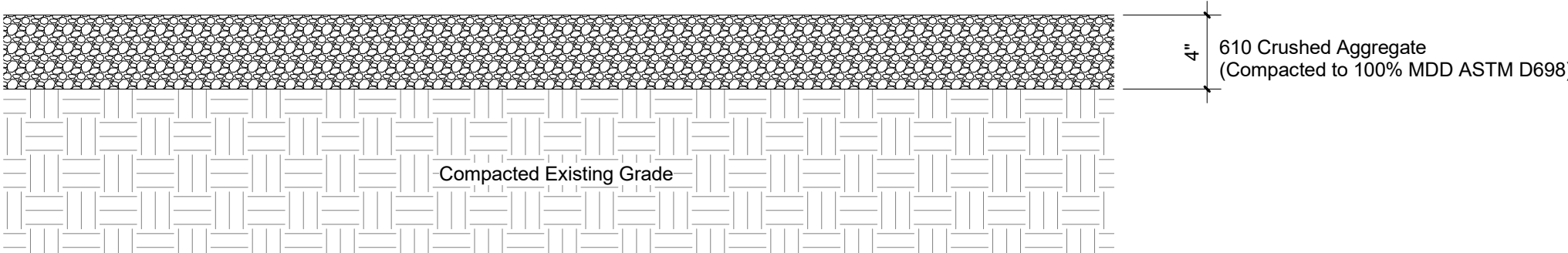
3 Low Profile Barricade Detail

3/4" = 1'-0"



4 Perimeter Safety Fence Detail

3/4" = 1'-0"



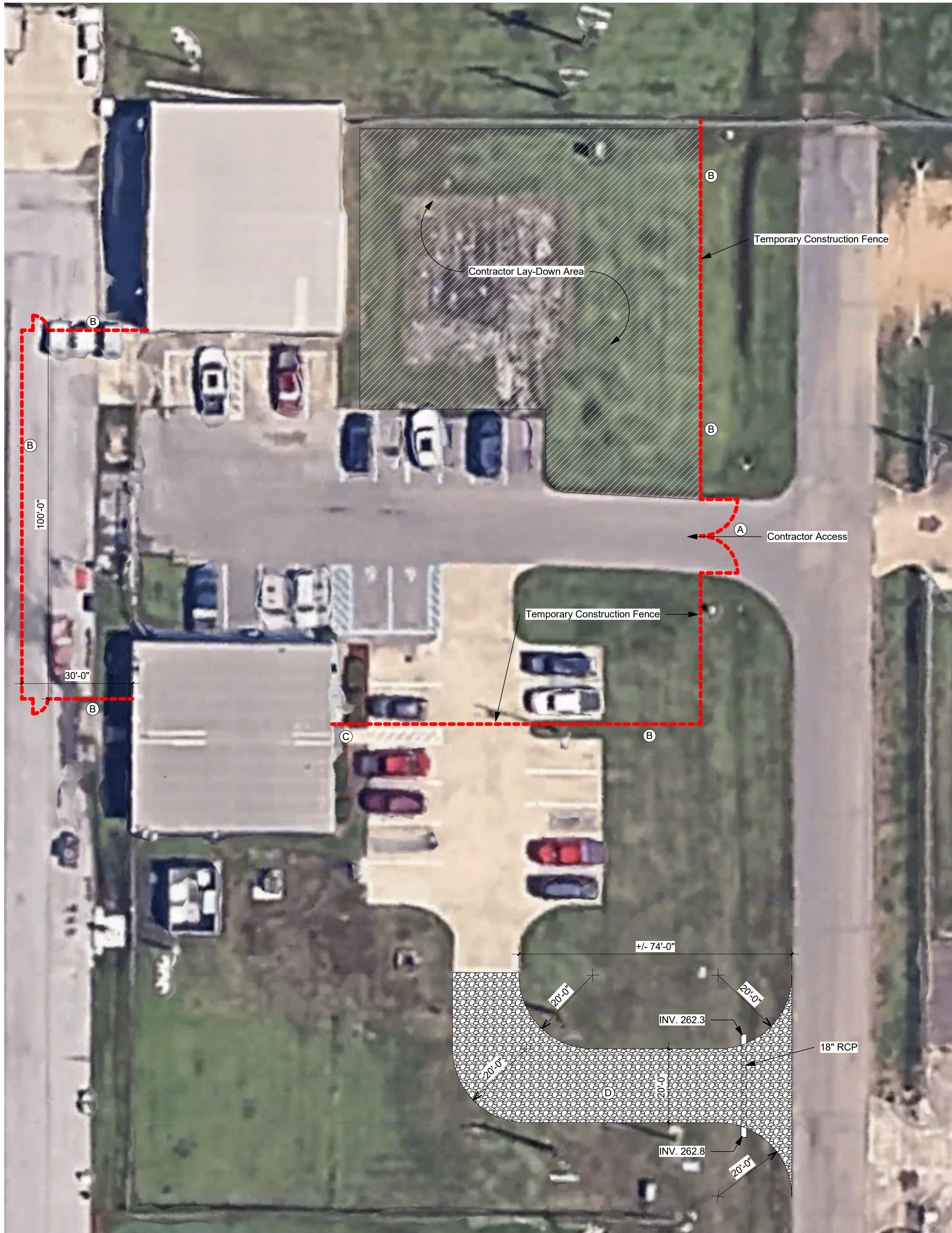
5 Temporary Access Drive

1 1/2" = 1'-0"

Site Safety Notes:

- Construction activities taking place at an active airfield. Construction activities shall not interfere with nor hinder airport operations and /or airline schedules.
- Contractor shall verify all dimensions and conditions prior to bidding.
- Contractor shall ensure that the existing building remains weather tight during all phases of work.
- Contractor shall be responsible for any damages that may occur to the existing building and site during demolition and construction.
- See Demolition Plans for more information.

A) Construction Access. No personal vehicles shall be permitted beyond existing gate. See Site Plan for personal vehicle parking area.
B) Contractor shall provide and install temporary chain link fence for lay-down area.
C) Area to remain clear during all phases of work for owner use.
D) Provide temporary parking access drive constructed per 5/A003. Contractor shall remove stone and 18" RCP and restore grassing at the completion of the project.



1 Site Plan

1" = 20'-0"

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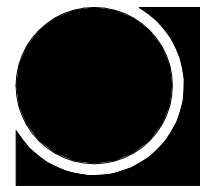
A003
Site Plan

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
As indicated	26002.00

26002.00

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Code Summary (2024 IBC)

Golden Triangle Regional Airport
FBO Expansion FY2026 AIG#
Addition
Columbus, MS
JBHM #26002.00

Chapter 3 – Occupancy Classification
304.1 Group B - Business

Chapter 5 – Building Heights and Areas

Construction Type II-B Not Sprinkled

Table 504.3 – Allowable Building Height	
Group B	
Allowable Heights Table 504.3	55 feet
Group S-2	
Allowable Heights Table 504.3	55 feet
Actual Height	20 feet

Table 504.4 – Allowable Number of Stories	
Group B	
Allowable Stories Table 504.4	3 Floors
Actual	1 Floor

Table 506.2 – Allowable Area	
Group B	
Allowable Area – 23,000 SF	
Existing Building Area –	2,370 SF
New Construction Area –	1,960 SF
Total Area –	Approx. – 4,330 SF

Chapter 6 – Types of Construction

Construction Type II-B: Not Sprinkled
Table 601 – Fire Rating Requirements – Non-rated
Table 602 – Fire Rating based on Separation Distance – Greater than 10' – 0 HR

Chapter 9 – Fire Protection Systems

906.1 – Fire extinguishers required.
Table 906.3(1) – Extinguisher type and location.

Chapter 10 – Means of Egress

Table 1004.5 – Maximum Floor Area Allowances per Occupant	
Group B –	
Floor Area per Occupant	150 SF Gross
Table 1017.2 – Exit Access Travel Distance (without sprinklers)	
Group B –	
Distance to Exit –	200FT

Table 1020.3 – Minimum Corridor Width	
Group B –	
Minimum Corridor Width –	44"

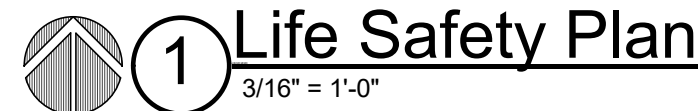
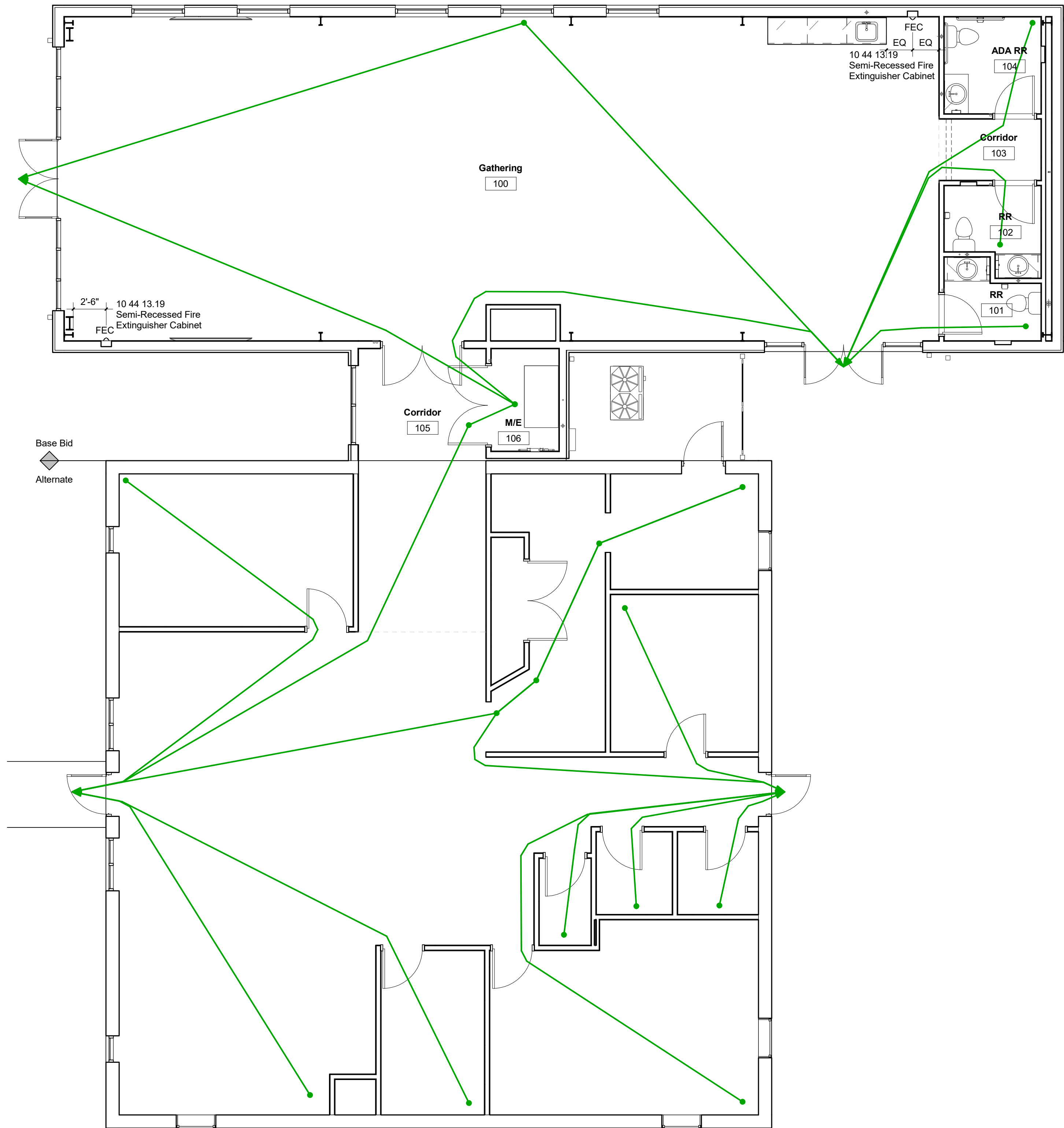
1020.4 – Dead Ends	
Not Sprinkled –	20 FT

Chapter 15 – Roof Assemblies

Table 1505.1 Roof Covering Classification – Class A

Chapter 29 – Plumbing Systems

Table 2902.1 – Minimum Number of Required Plumbing Fixtures		
Group B –		
Water Closets –	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50	
Lavatories –	1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80	
Drinking Fountains –	1 per 100	
Service Sink –	1	



1 Life Safety Plan
3/16" = 1'-0"

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Columbus, MS

A004
Life Safety / Code Review

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
3/16" = 1'-0"	26002.00



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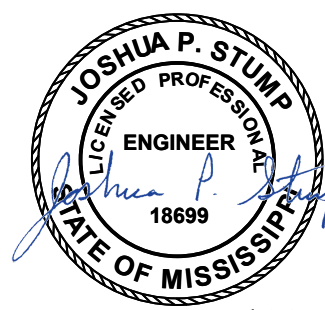
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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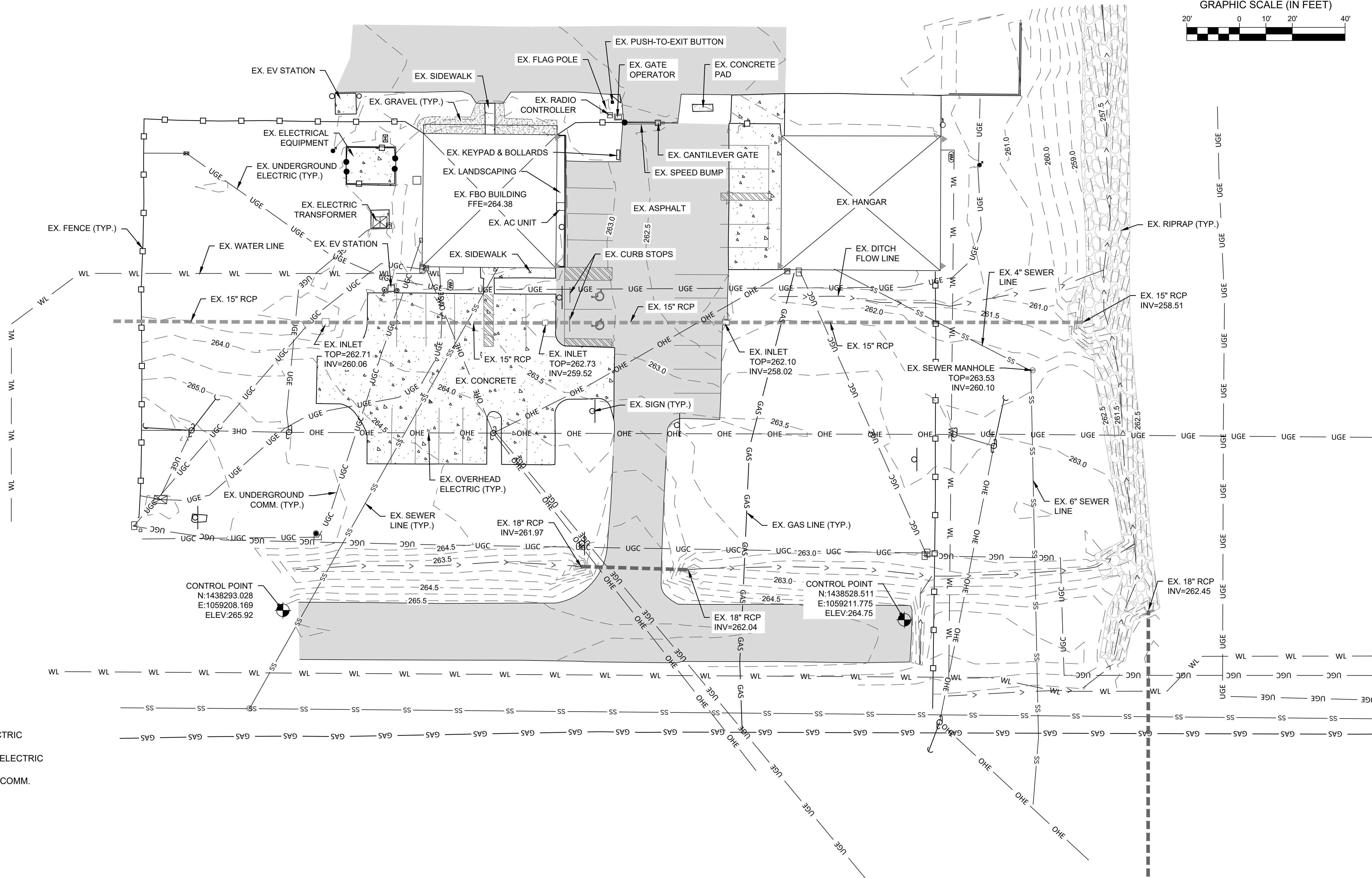
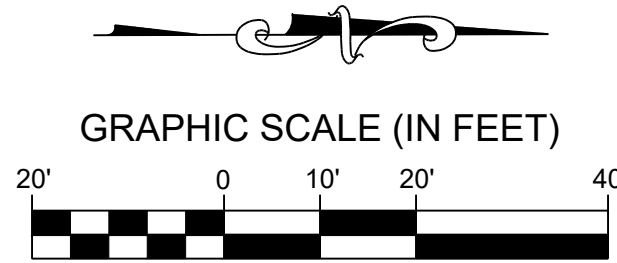
Columbus, MS

C1.0

EXISTING CONDITIONS &
BENCHMARK DATA

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06



LEGEND

- EX. ASPHALT PAVEMENT
- EX. CONCRETE
- EX. GRAVEL
- EX. BUILDING
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
- EX. UNDERGROUND COMM.
- EX. WATER LINE
- EX. SEWER LINE
- EX. GAS LINE
- EX. FENCE
- EX. DITCH FLOW LINE



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C2.0

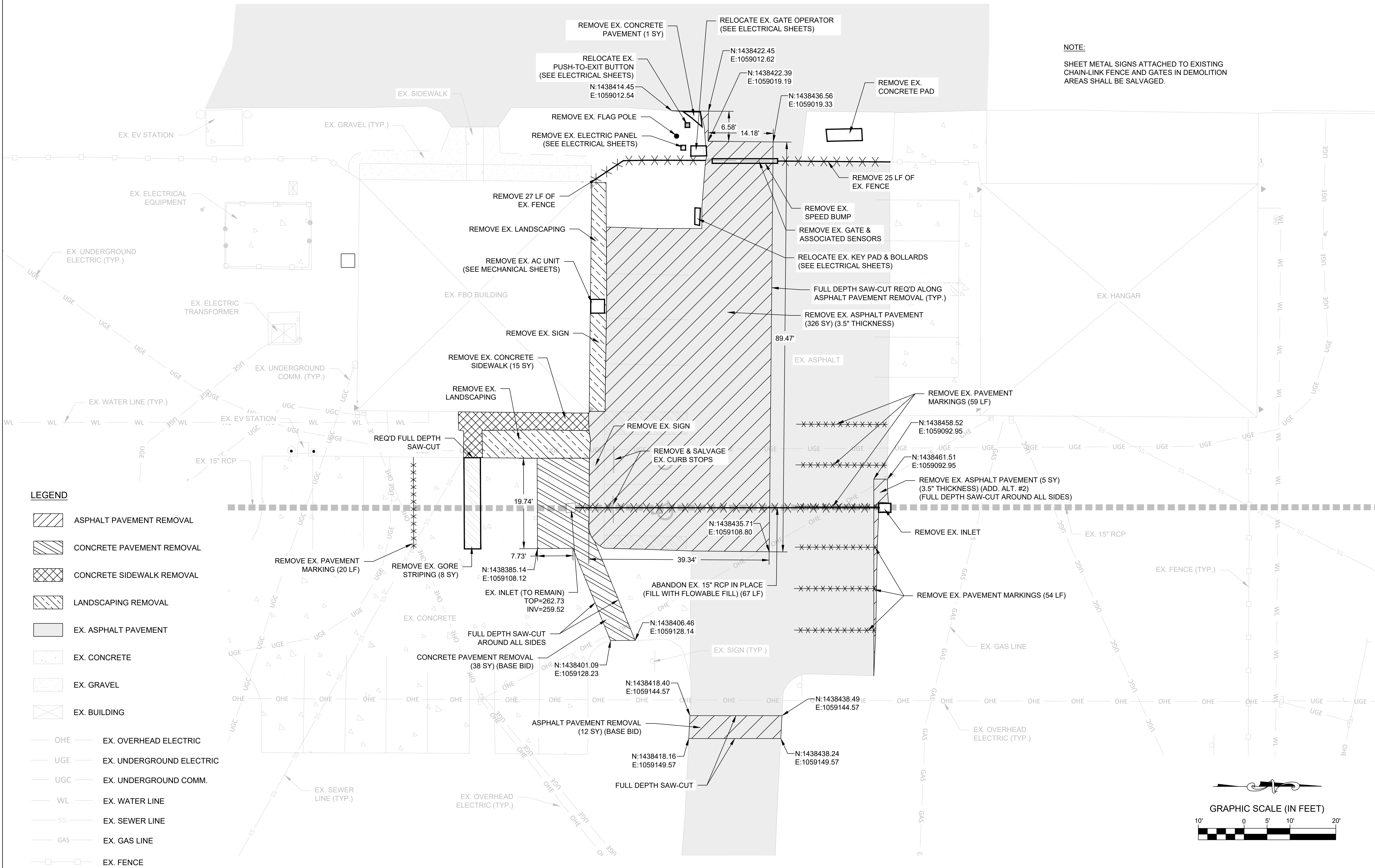
DEMOLITION PLAN

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06

NOTE:

SHEET METAL SIGNS ATTACHED TO EXISTING CHAIN-LINK FENCE AND GATES IN DEMOLITION AREAS SHALL BE SALVAGED.





Golden Triangle Regional Airport

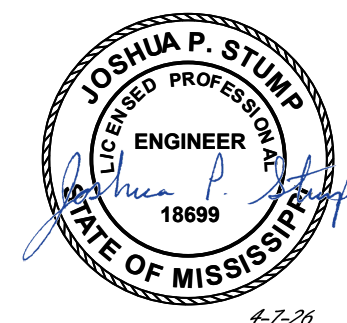
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



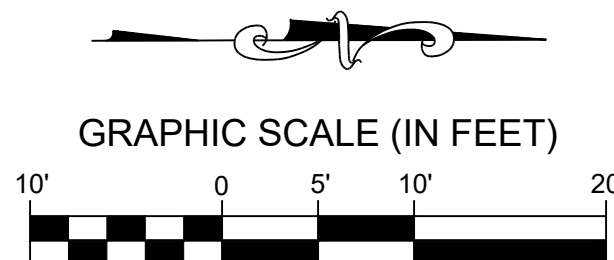
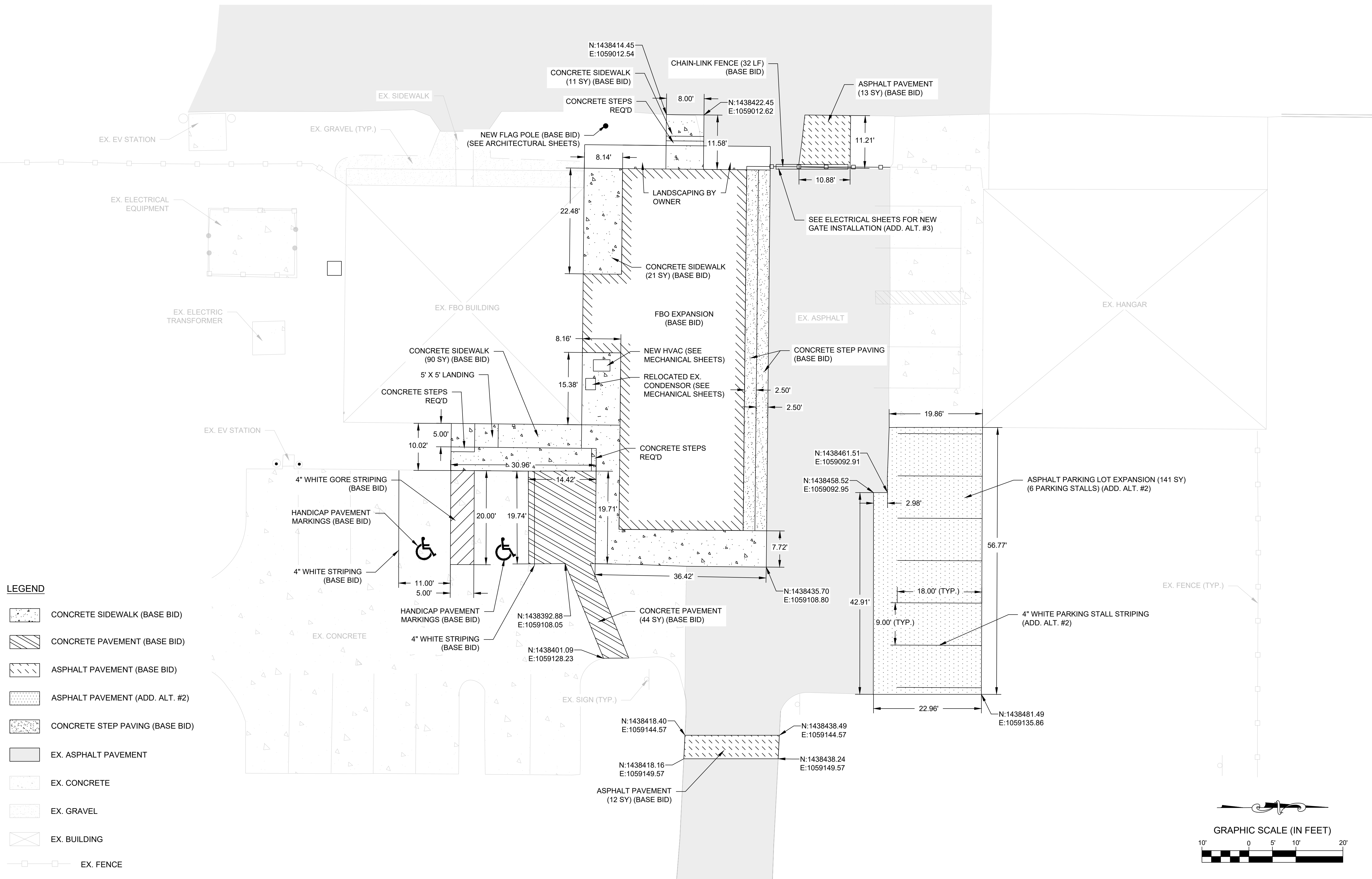
Columbus, MS

C3.0

GEOMETRIC LAYOUT PLAN
(BASE BID & ADD. ALT. #2)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06





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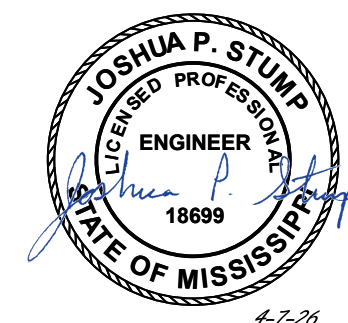
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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C4.0

GRADING & EROSION
CONTROL PLAN (BASE BID)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06

LEGEND

- ASPHALT PAVEMENT (BASE BID)
- CONCRETE PAVEMENT (BASE BID)
- CONCRETE SIDEWALK (BASE BID)
- CONCRETE STEP PAVING (BASE BID)
- EX. ASPHALT PAVEMENT
- EX. CONCRETE
- EX. GRAVEL
- EX. BUILDING
- EX. FENCE
- EX. CONTOUR
- EX. DITCH FLOW LINE
- PROPOSED CONTOUR





FBO Expansion
FY2026 AIG#

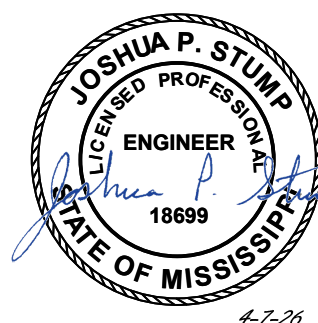
Golden Triangle Regional Airport

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

C4.1

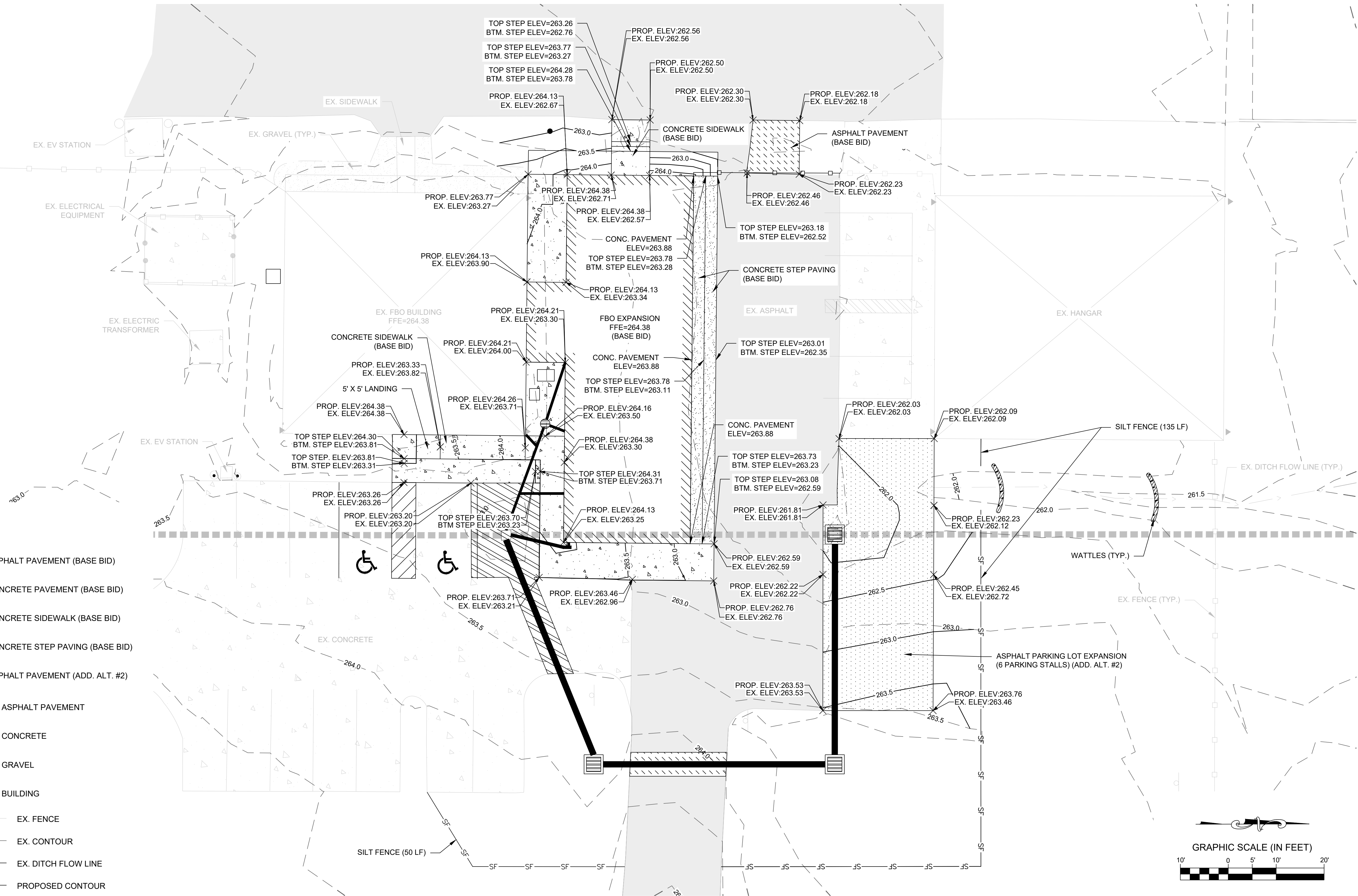
GRADING & EROSION
CONTROL PLAN (ADD. ALT. #2)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale Project Number
20158.06

LEGEND

- ASPHALT PAVEMENT (BASE BID)
- CONCRETE PAVEMENT (BASE BID)
- CONCRETE SIDEWALK (BASE BID)
- CONCRETE STEP PAVING (BASE BID)
- ASPHALT PAVEMENT (ADD. ALT. #2)
- EX. ASPHALT PAVEMENT
- EX. CONCRETE
- EX. GRAVEL
- EX. BUILDING
- EX. FENCE
- EX. CONTOUR
- EX. DITCH FLOW LINE
- PROPOSED CONTOUR





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FY2026 AIG#

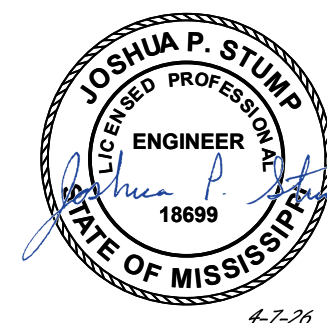
Golden Triangle Regional Airport

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#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#

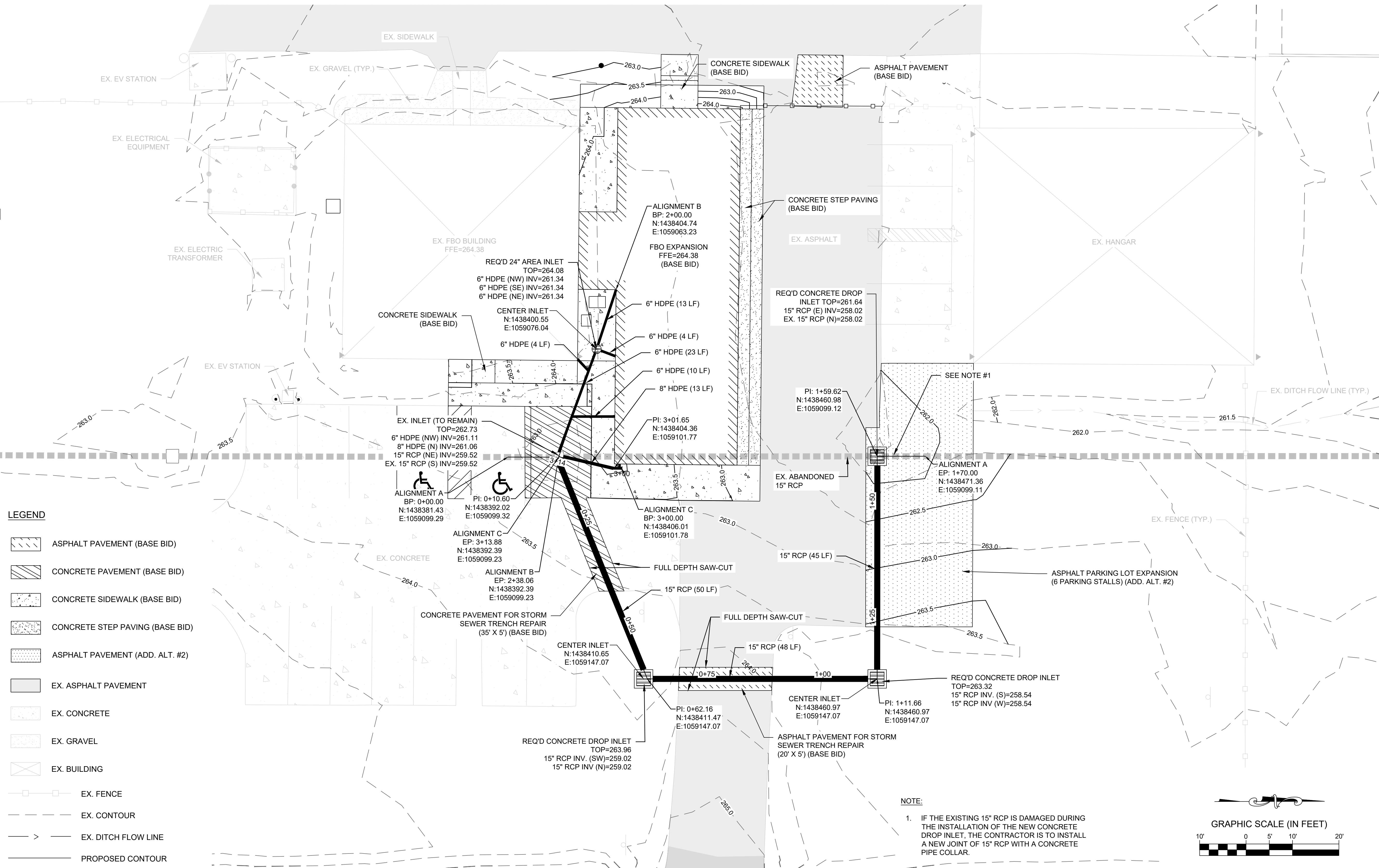


Columbus, MS

C5.0
STORM DRAINAGE PLAN
(BASE BID)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06



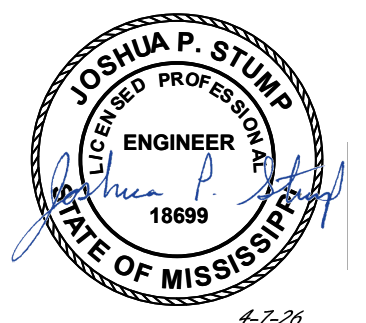


Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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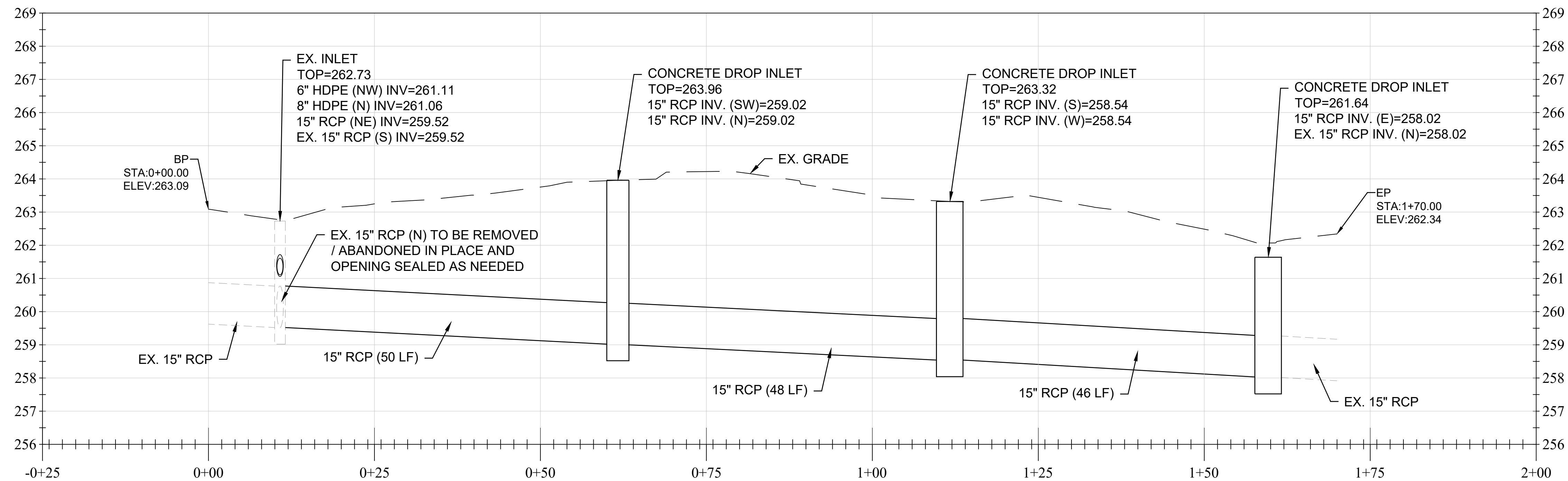
C5.1

STORM DRAINAGE
PROFILES (BASE BID)

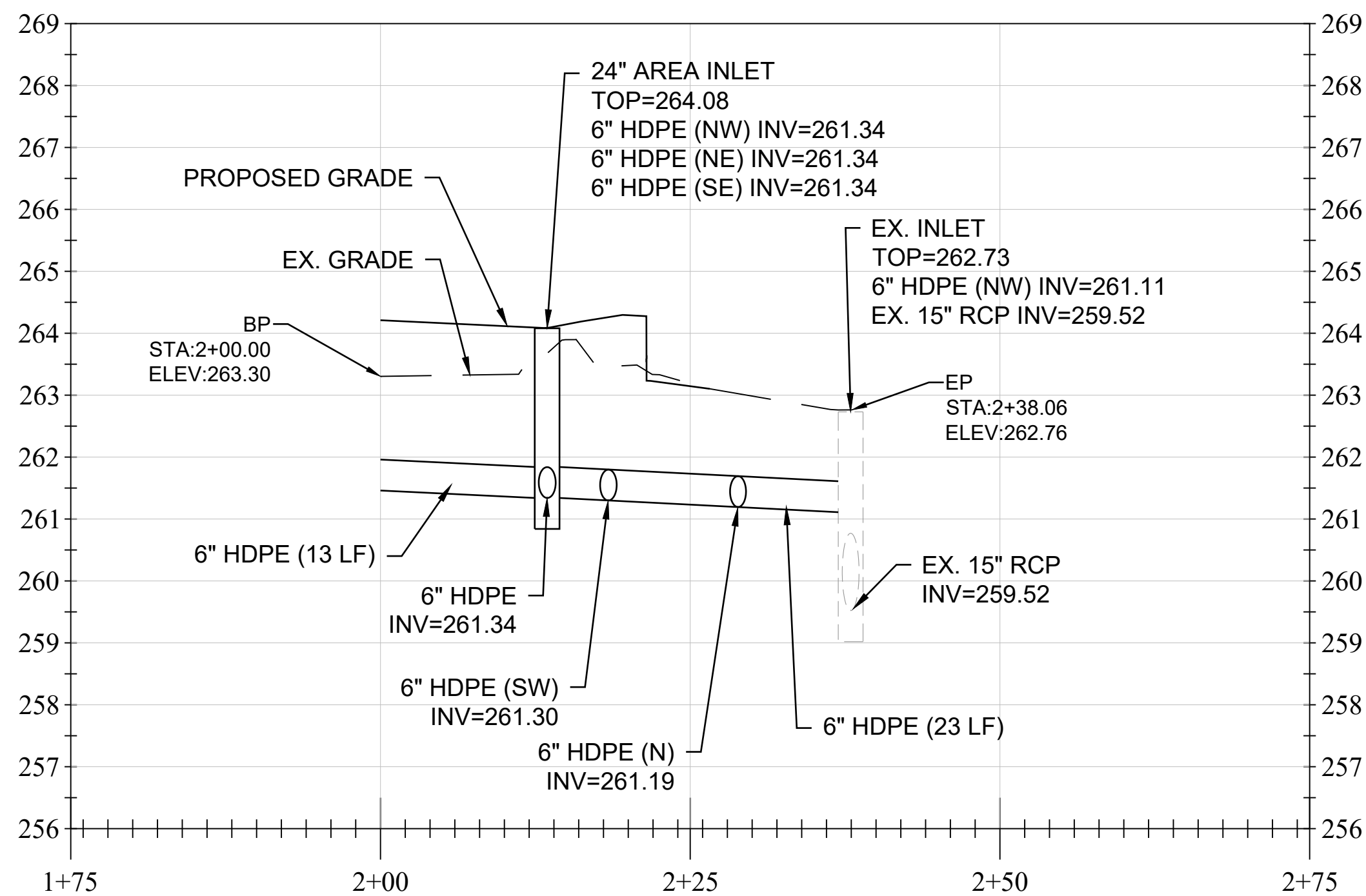
Drawn By	Checked By	Checked By	Date
TCC	JPS		April 7, 2026

Scale Project Number
20158.06

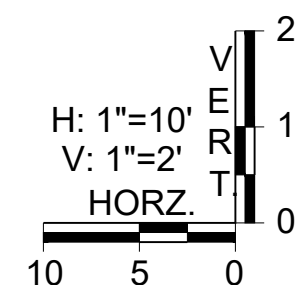
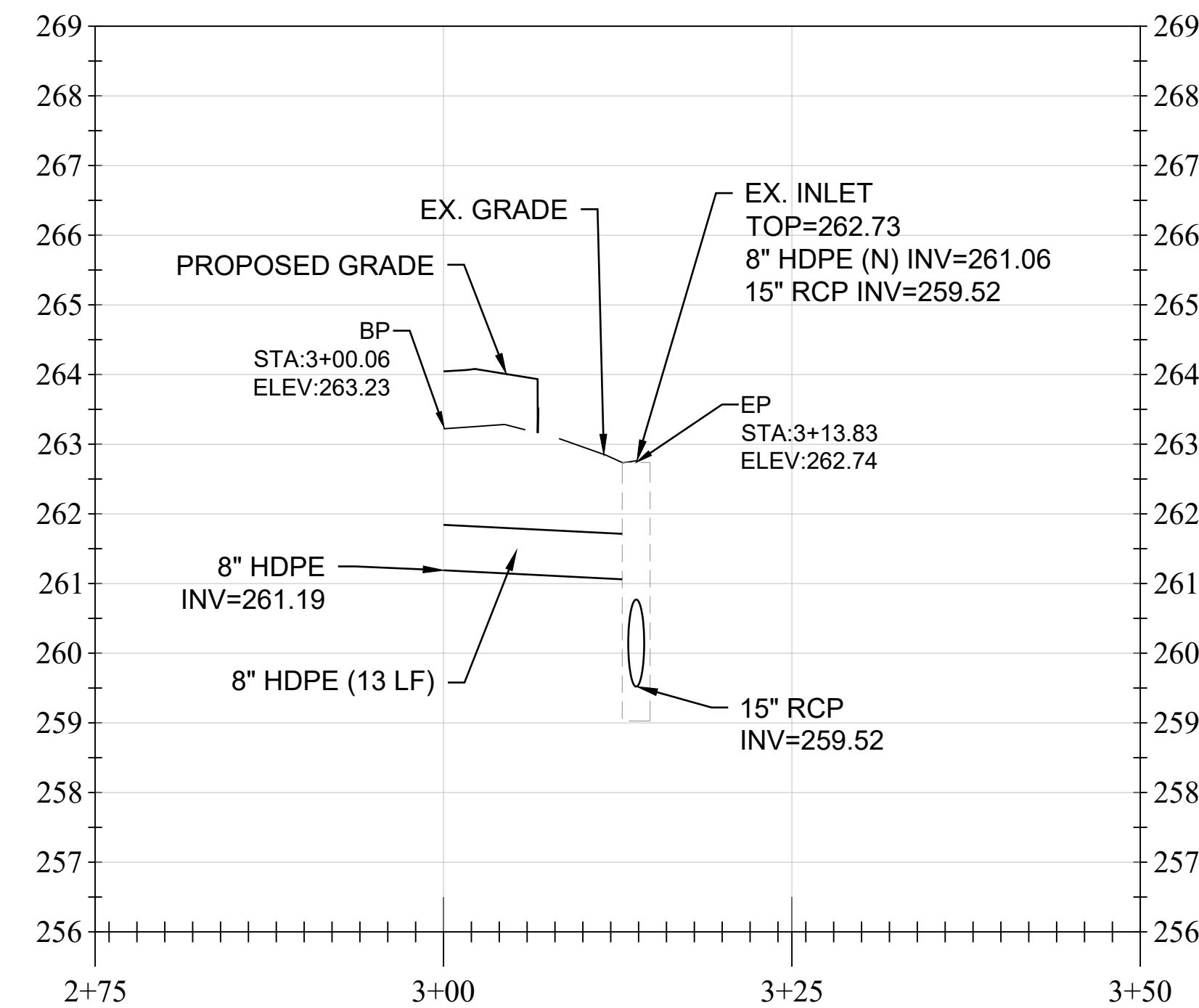
STORM DRAINAGE PROFILE: ALIGNMENT A

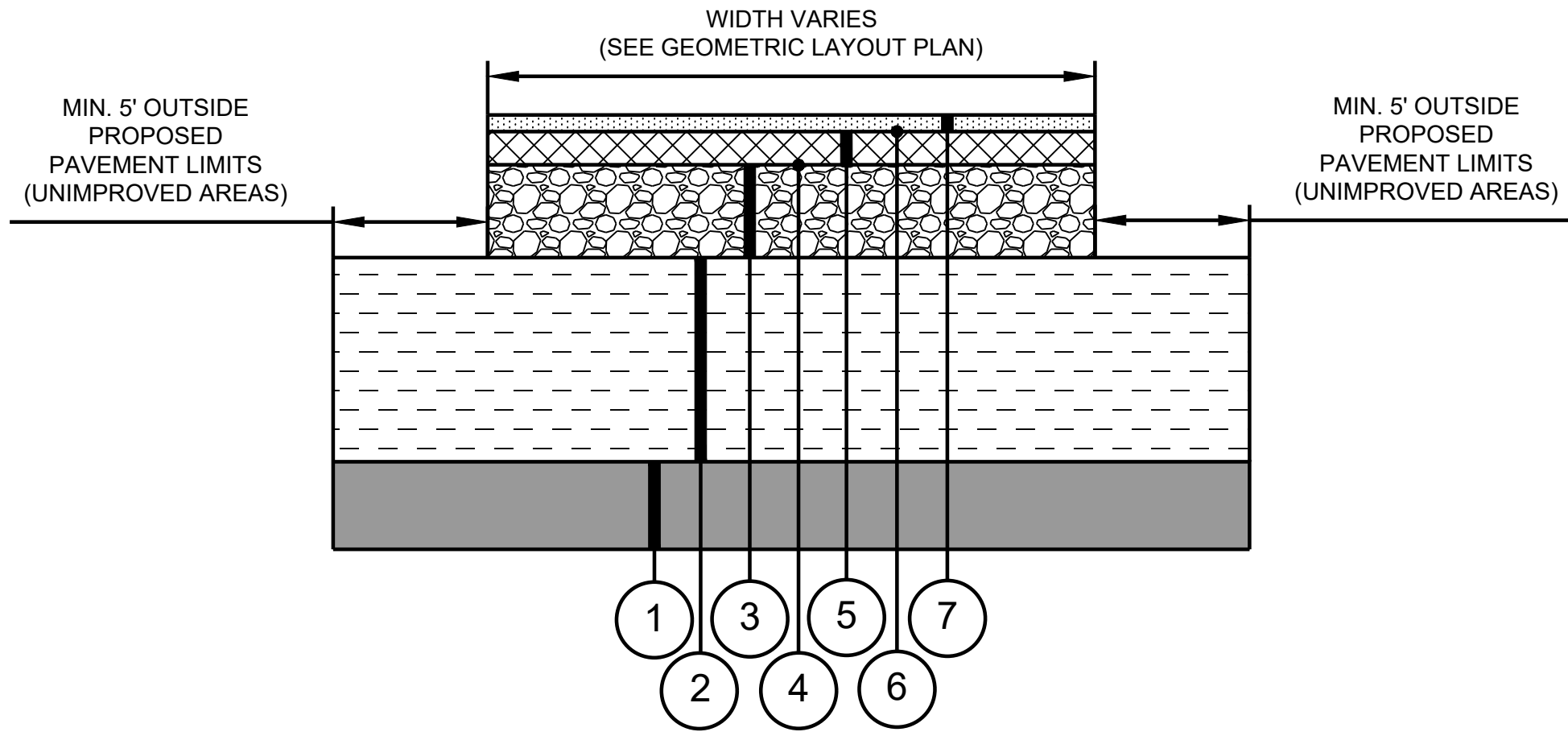


STORM DRAINAGE PROFILE: ALIGNMENT B



STORM DRAINAGE PROFILE: ALIGNMENT C

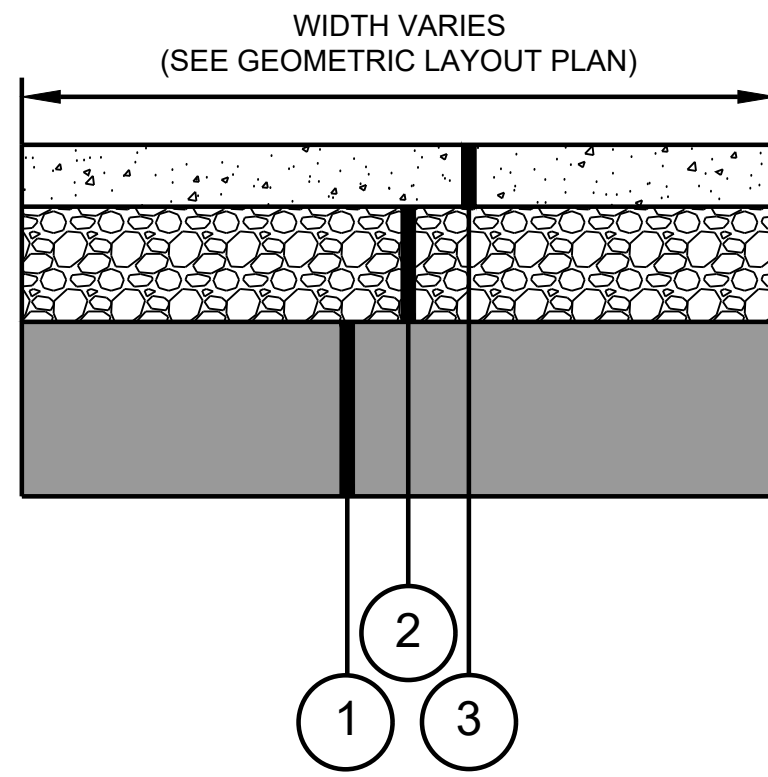




ASPHALT PAVEMENT TYPICAL SECTION
(BASE BID & ADD. ALT. #2)
NTS

LEGEND:

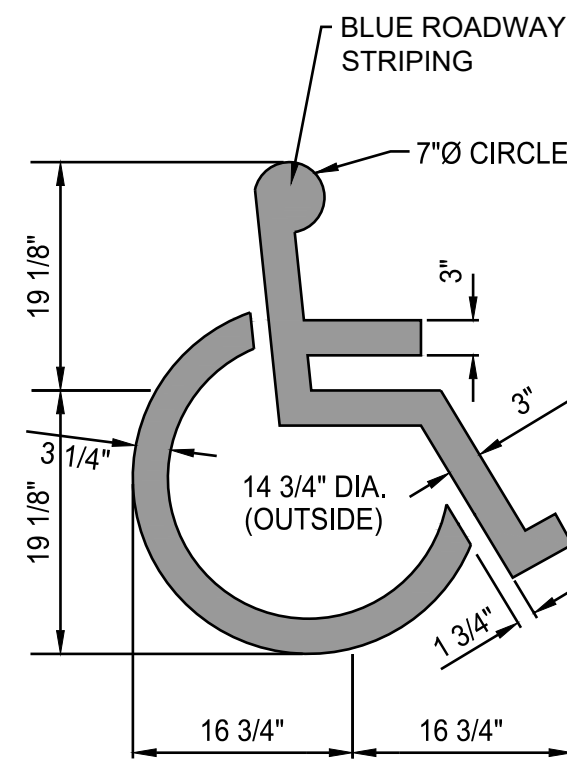
- 1 EXISTING SUBGRADE
- 2 PREPARED SUBGRADE, 3' MIN. (SELECT FILL / BORROW MATERIAL)
- 3 REQ'D. 610 CRUSHED AGGREGATE BASE COURSE (6" THICKNESS) (COMPACTED TO 100% MDD ASTM D698)
- 4 REQ'D BITUMINOUS PRIME COAT @ 0.30 GAL/SY.
- 5 REQ'D. 12.5-MM, ST, BITUMINOUS BASE COURSE (2" MIN. THICKNESS)
- 6 REQ'D BITUMINOUS TACK COAT @ 0.10 GAL/SY
- 7 REQ'D. 9.5-MM, ST, BITUMINOUS SURFACE COURSE (1.5" MIN. THICKNESS)



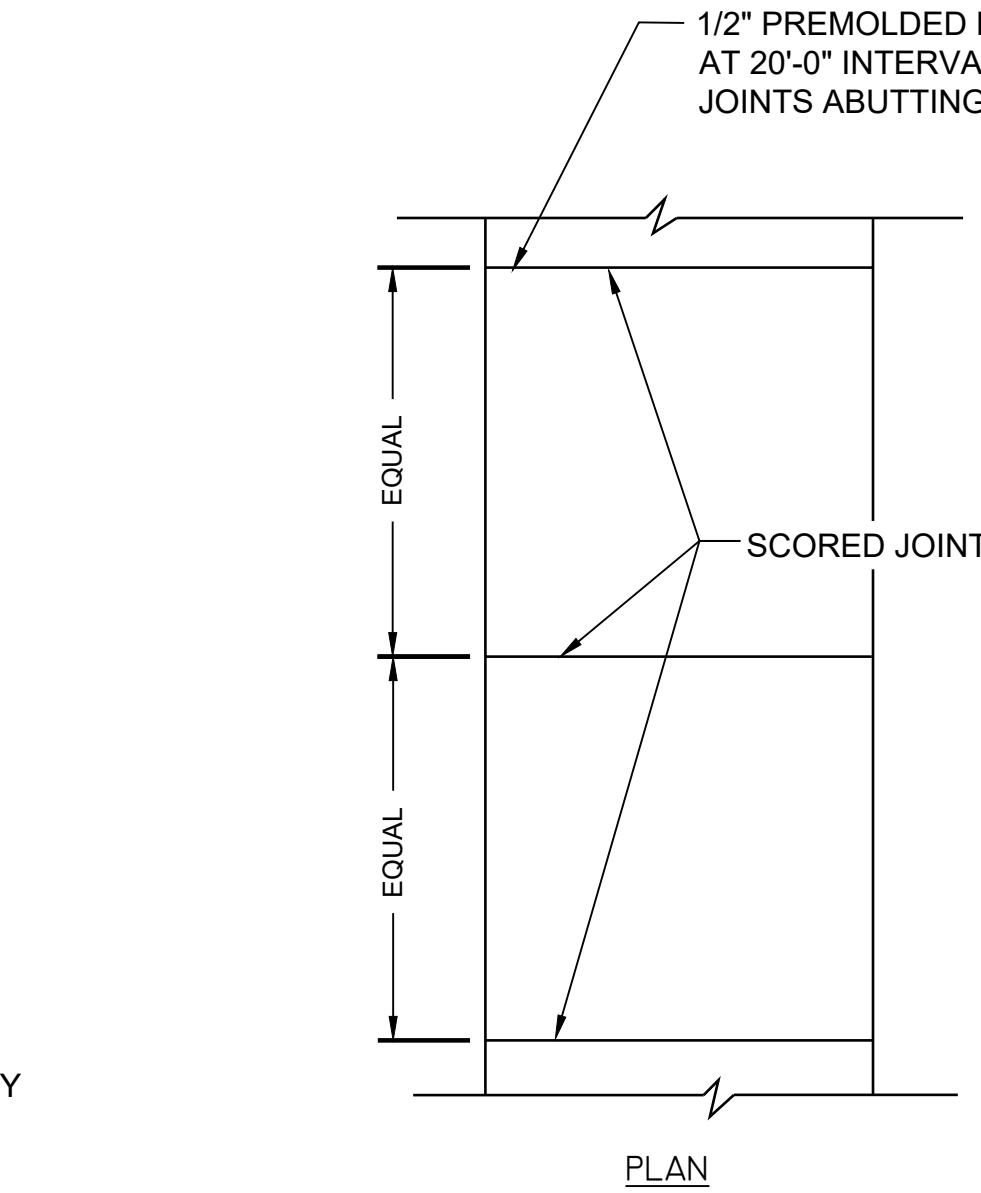
CONCRETE PAVEMENT TYPICAL SECTION
(BASE BID) (STORM SEWER TRENCH REPAIR)
NTS

LEGEND:

- 1 EXISTING SUBGRADE COMPACTED TO MIN. OF 98% OPTIMUM DENSITY (ASTM D698)
- 2 REQ'D. 610 CRUSHED AGGREGATE BASE COURSE (6" THICKNESS) (COMPACTED TO 100% MDD ASTM D698)
- 3 REQ'D. 4" PLAIN PCC PAVEMENT



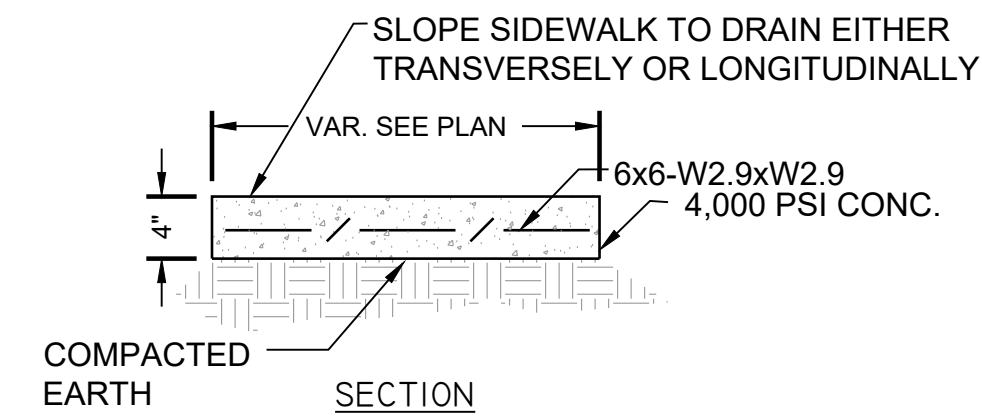
HANDICAP MARKING DETAIL
NTS



CONCRETE SIDEWALK TYPICAL SECTION
(BASE BID)
NTS

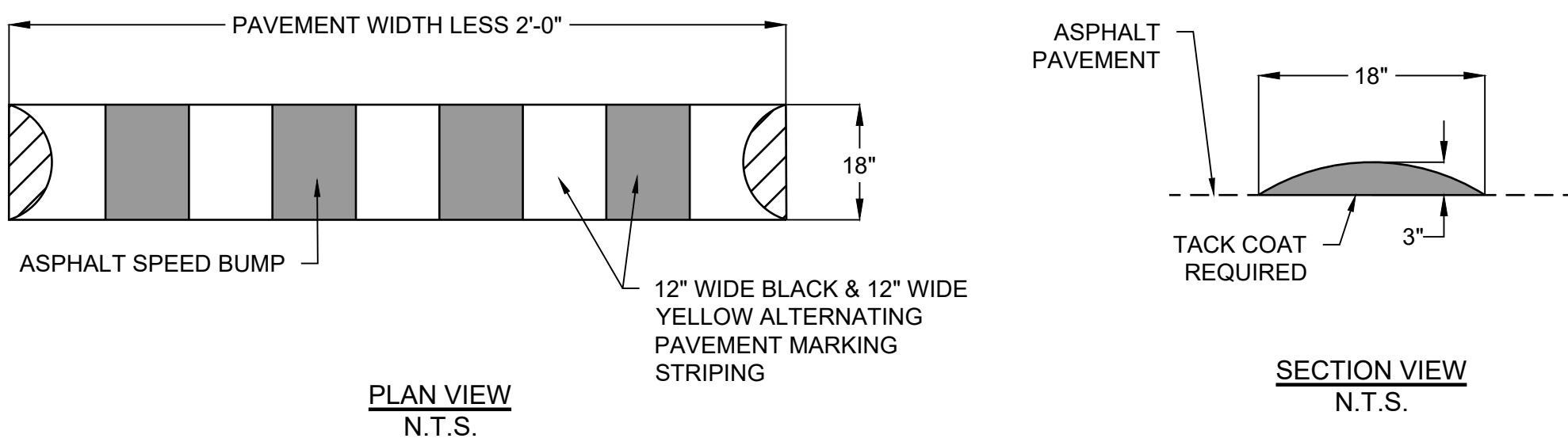
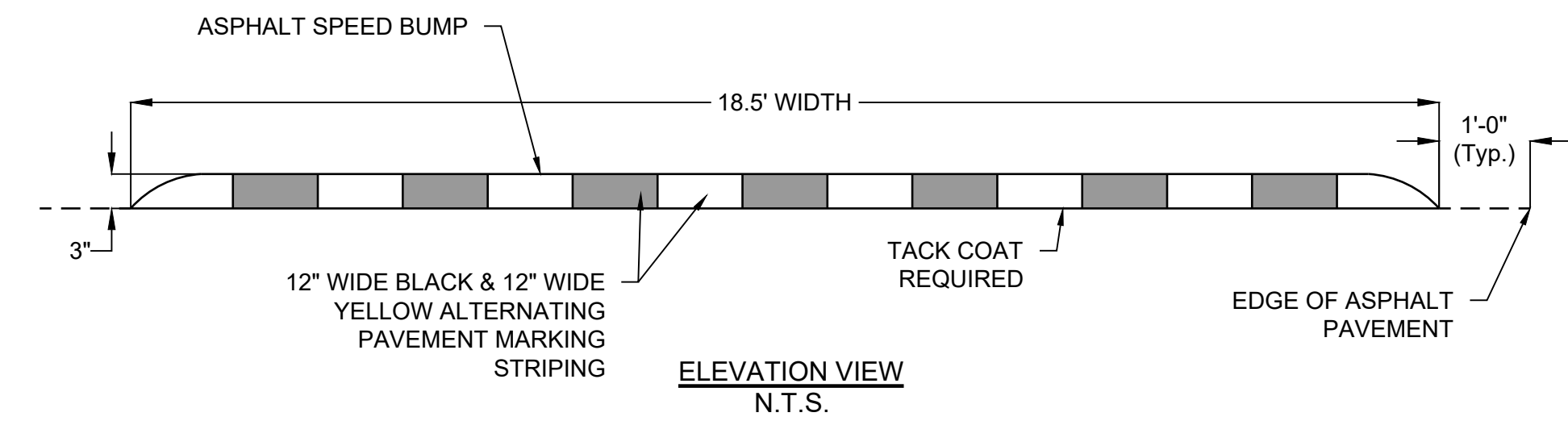
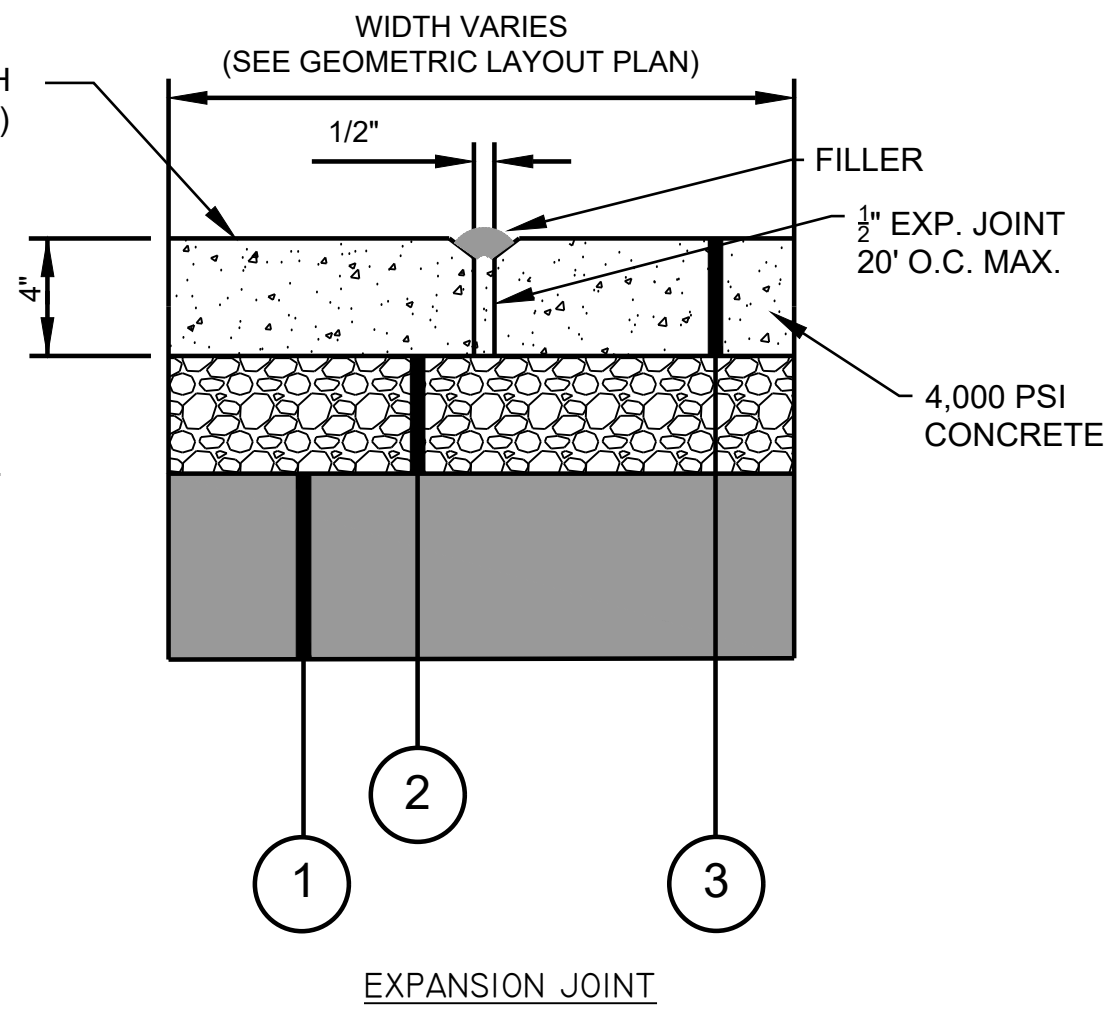
LEGEND:

- 1 EXISTING SUBGRADE MATERIAL, SCARIFIED 4" - 6" MIN. DEPTH, COMPACTED TO MIN. OF 98% OPTIMUM DENSITY (ASTM D698)
- 2 REQ'D. 610 CRUSHED AGGREGATE BASE COURSE (4" THICKNESS) (COMPACTED TO 100% MDD ASTM D698)
- 3 REQ'D. 4" PLAIN PCC PAVEMENT

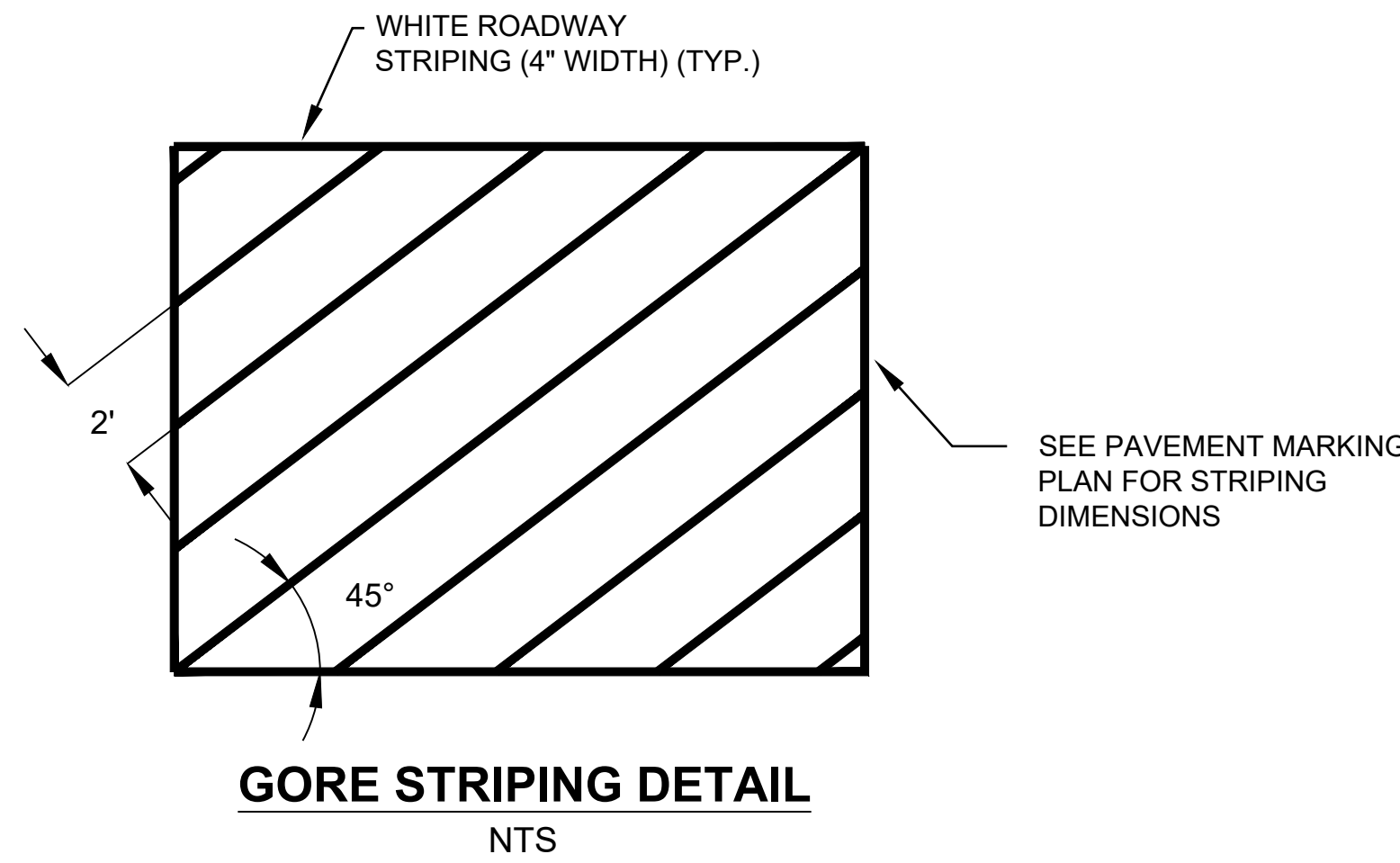


NOTES:

- CONCRETE USED FOR SIDEWALK CONSTRUCTION SHALL BE CLASS A MEETING THE REQUIREMENTS SET FORTH IN SECTION 501 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 EDITION.
- TOTAL AIR CONTENT SHALL RANGE FROM 3-6%.



SPEED BUMP DETAIL
NTS



GORE STRIPING DETAIL
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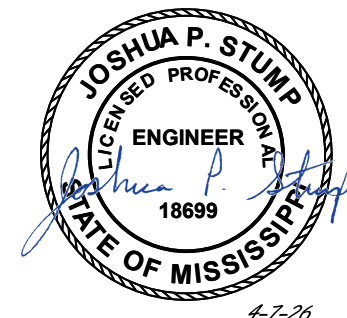
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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C6.0
TYPICAL DETAILS

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

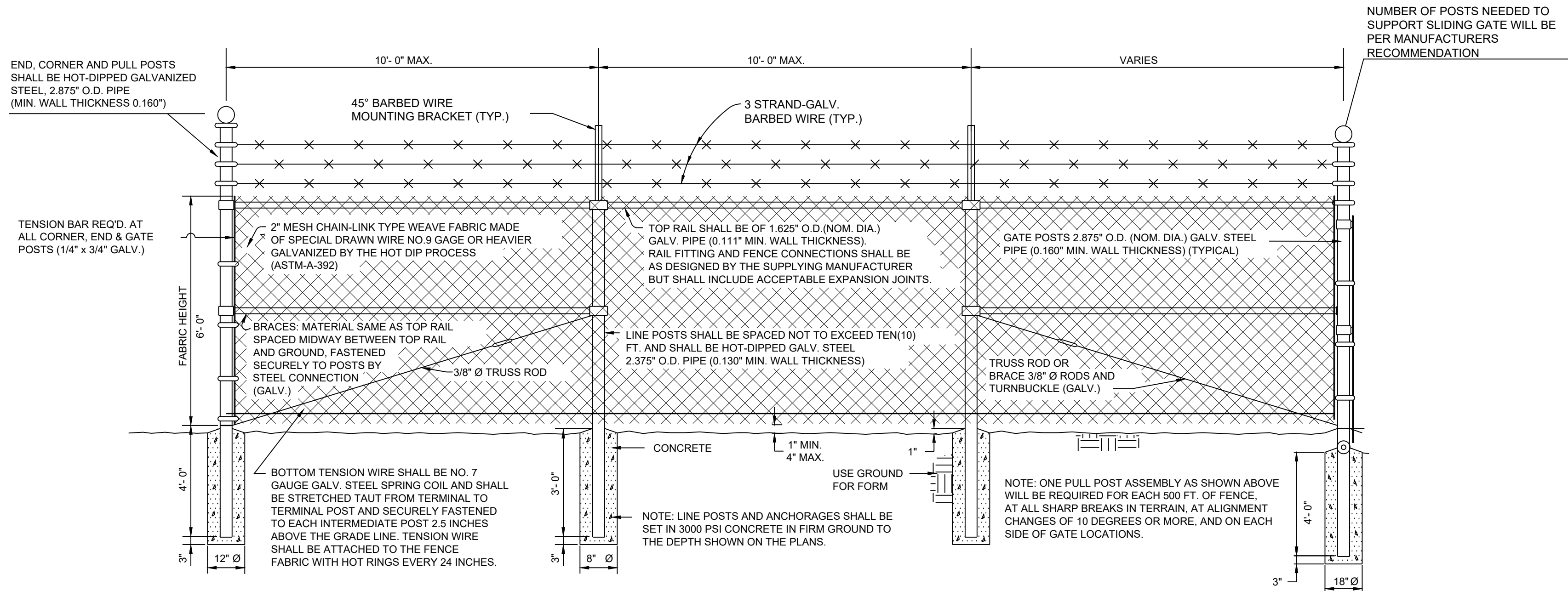
Scale	Project Number
	20158.06

NEEL-SCHAFFER

<u>Scale</u>	<u>Project Number</u>
	20158.06



NEEL-SCHAFFER



TYPICAL SECURITY FENCE INSTALLATION

NOTES

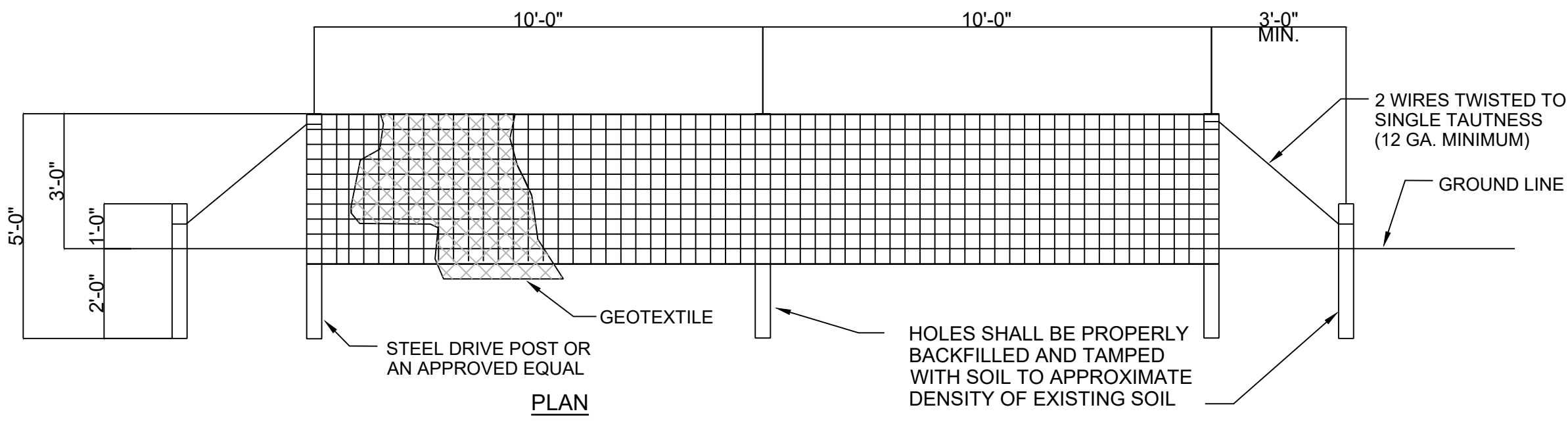
1. THE CONTRACTOR SHALL INSTALL THE POSTS IN CONCRETE. THE END AND CORNER POSTS SHALL BE FOUR (4) FEET DEEP IN TWELVE (12) INCH ROUND HOLES, WITH THE TOP PART OF THE CONCRETE CROWNED TO SHED WATER. DRIVE GATE POSTS SHALL BE INSTALLED THE SAME WAY EXCEPT THE HOLES SHALL BE EIGHTEEN (18) INCHES IN DIAMETER. THE LINE POSTS SHALL BE INSTALLED THE SAME AS THE END AND CORNER POSTS EXCEPT THE HOLES SHALL BE EIGHT (8) INCHES IN DIAMETER.
2. ALL CONSTRUCTION METHODS AND EQUIPMENT EMPLOYED IN THE SETTING OF THE FENCE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS OF THE MANUFACTURER OF THE FENCE MATERIALS BEING USED AND SUCH THAT THE RESULTING STRUCTURE WILL BE COMPLETE AND IN-PLACE.
3. WHERE BREAKS IN THE PROFILE OF THE FENCE TOP ARE NECESSARY IN ROUGH TERRAIN, THEY SHALL BE MADE IN THE LEAST NUMBER OF INTERVALS PRACTICAL. BREAKS SHALL BE SPREAD OVER VERTICAL CURVES OF SUFFICIENT LENGTHS TO INSURE A PLEASING APPEARANCE.
4. FABRIC SHALL BE FASTENED TO LINE POST WITH PROPER TIES SPACED APPROXIMATELY TWELVE (12) INCHES APART. FABRIC SHALL BE ATTACHED TO TOP RAIL WITH TIES SPACED APPROXIMATELY FIFTEEN (15) INCHES APART.

SPECIAL NOTE TO CONTRACTORS:

THE FENCING DETAILS SHOWN ON THIS SHEET ARE ALL ENCOMPASSING DETAILS FOR A GENERIC SECURITY FENCING PROJECT. ALL STYLES OF GATES, HARDWARE, MATERIALS, ETC. SHOWN ARE NOT NECESSARILY REQUIRED AS PART OF THIS PROJECT. THEY ARE INCLUDED ON THIS DRAWING SHOULD ONE OR MORE OF THOSE NON-APPLICABLE ITEMS BE REQUIRED AS A PART OF THE CURRENT PROJECT.

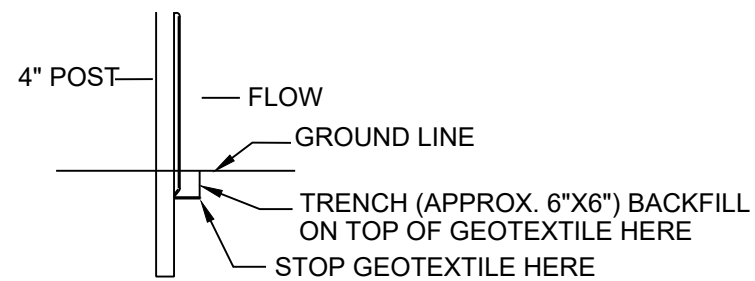
CHAIN-LINK FENCE DETAIL

NTS



NOTES:

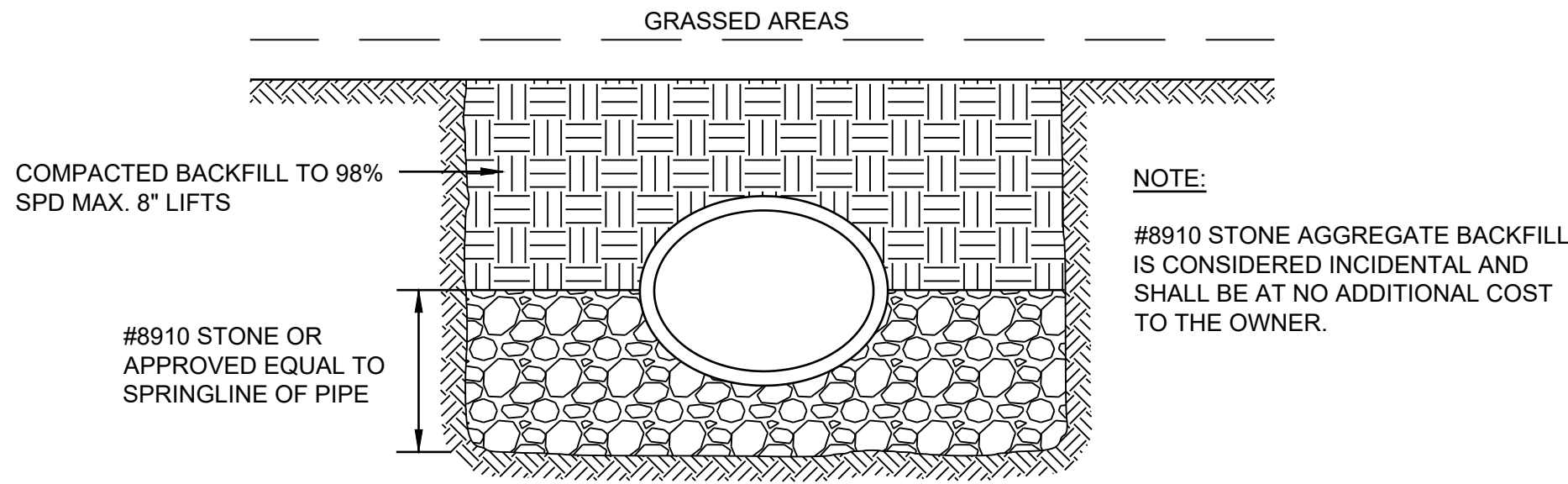
1. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS, THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
2. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT OF WAY AND ALONG EDGE OF CLEARING LIMITS, THIS WILL ALLOW ROOM FOR A BACK UP FENCE IF FIRST BECOMES FULL. SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION.
3. WHEREVER POSSIBLE SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
4. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.



SECTION (METHOD I)

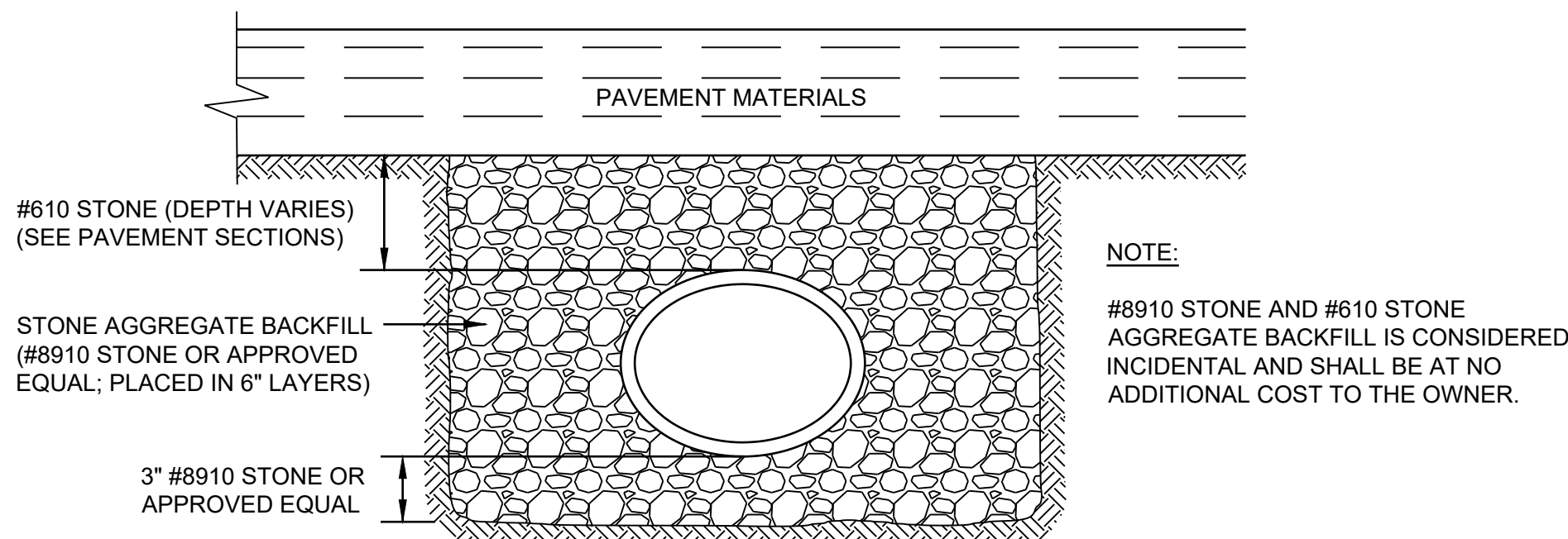
SILT FENCE DETAIL

NTS



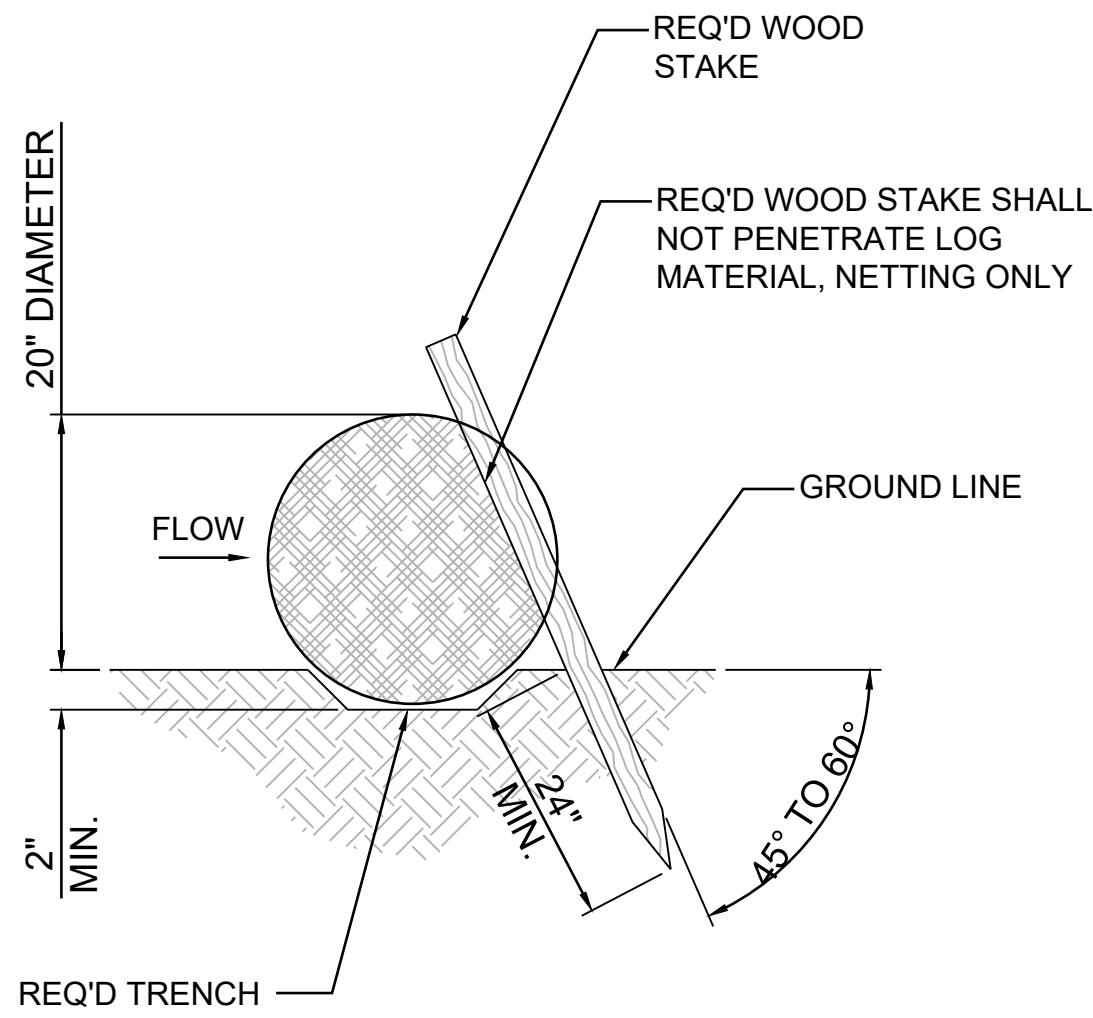
PIPE BEDDING IN NON-PAVED AREAS DETAIL

NTS



PIPE BEDDING IN PAVED AREAS DETAIL

NTS



WATTLE DETAIL

NTS

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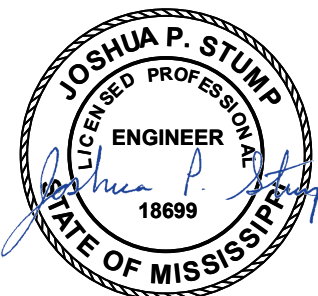
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



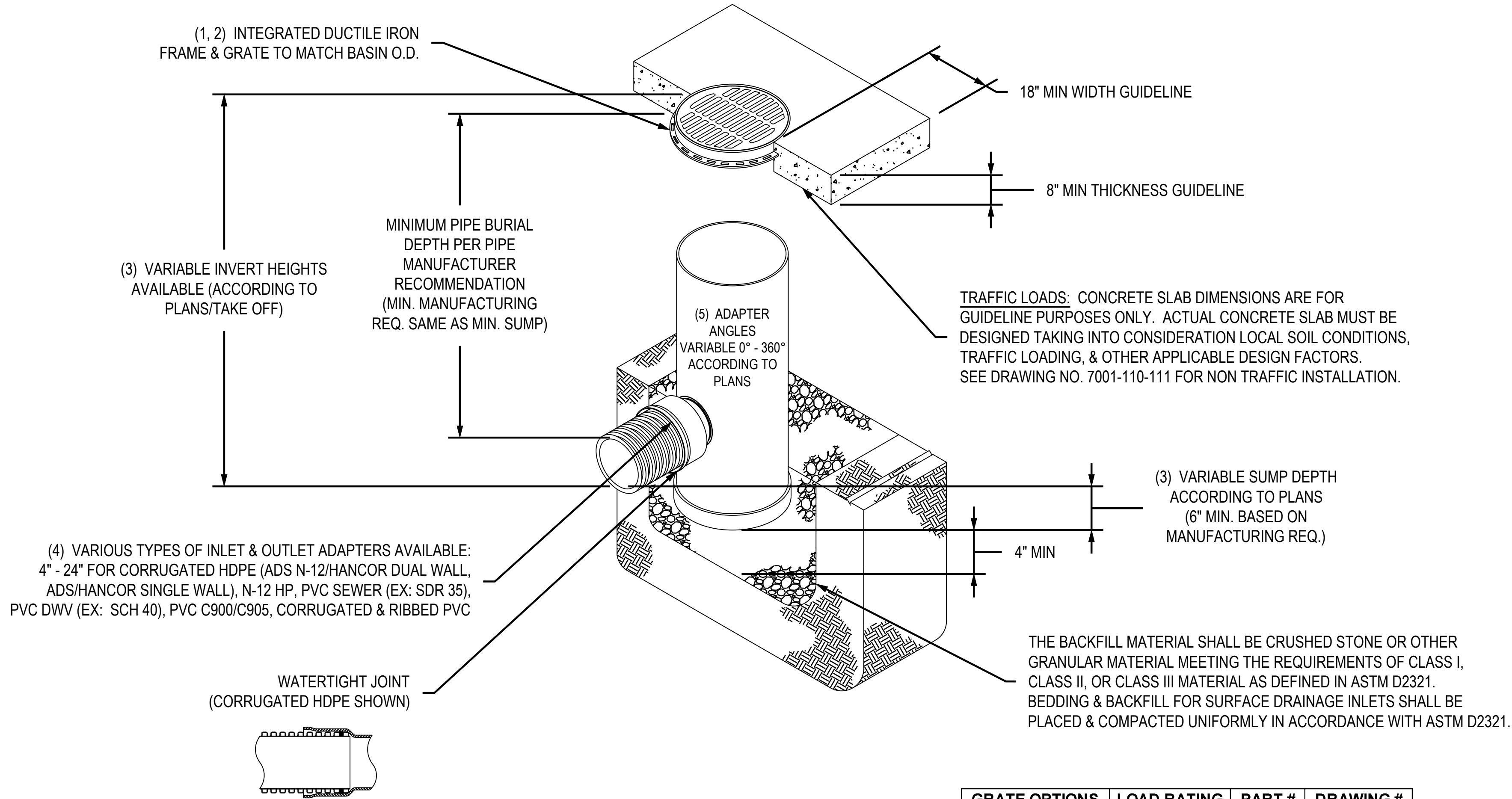
Columbus, MS

C6.2
TYPICAL DETAILS

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

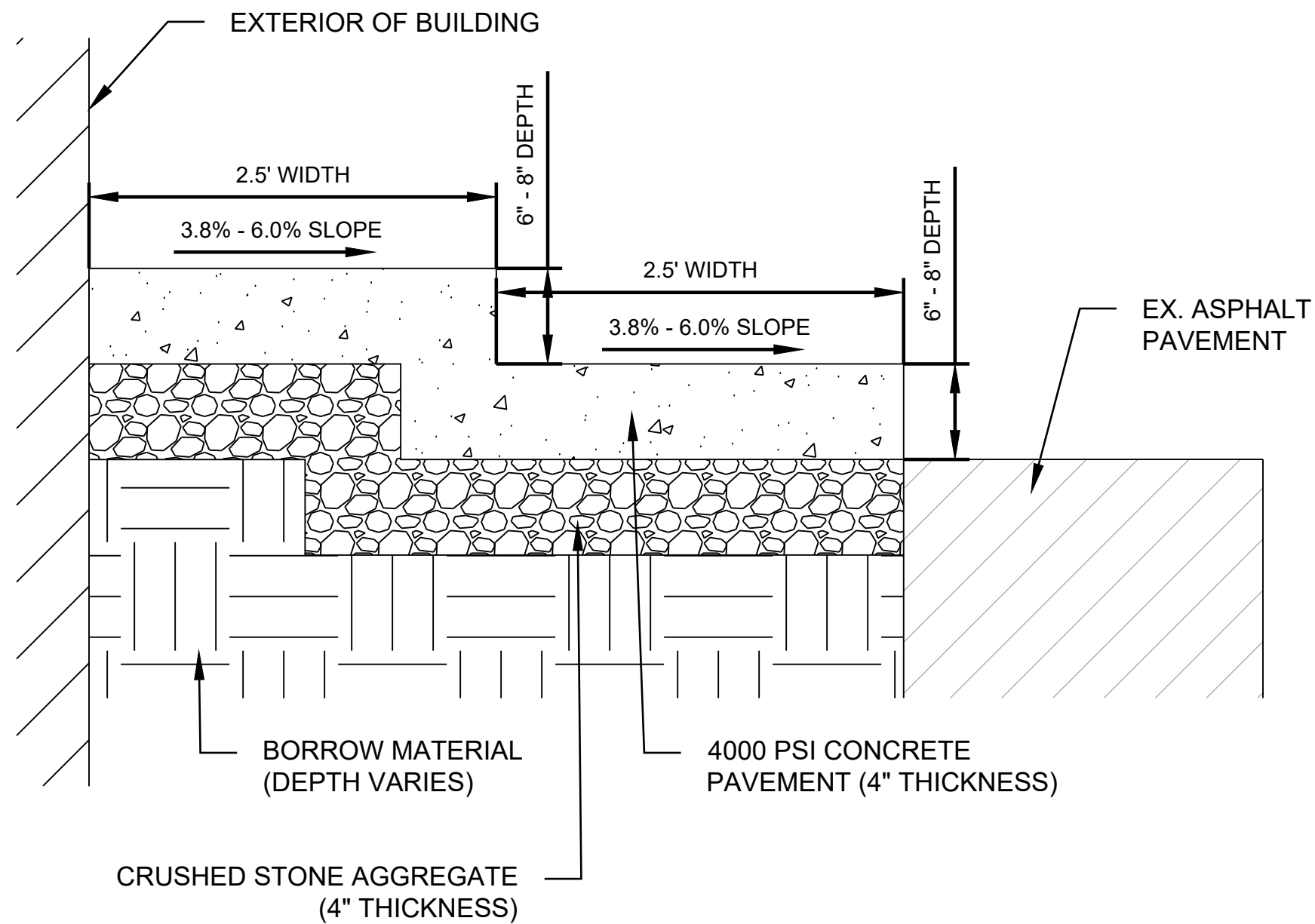
Scale	Project Number
	20158.06



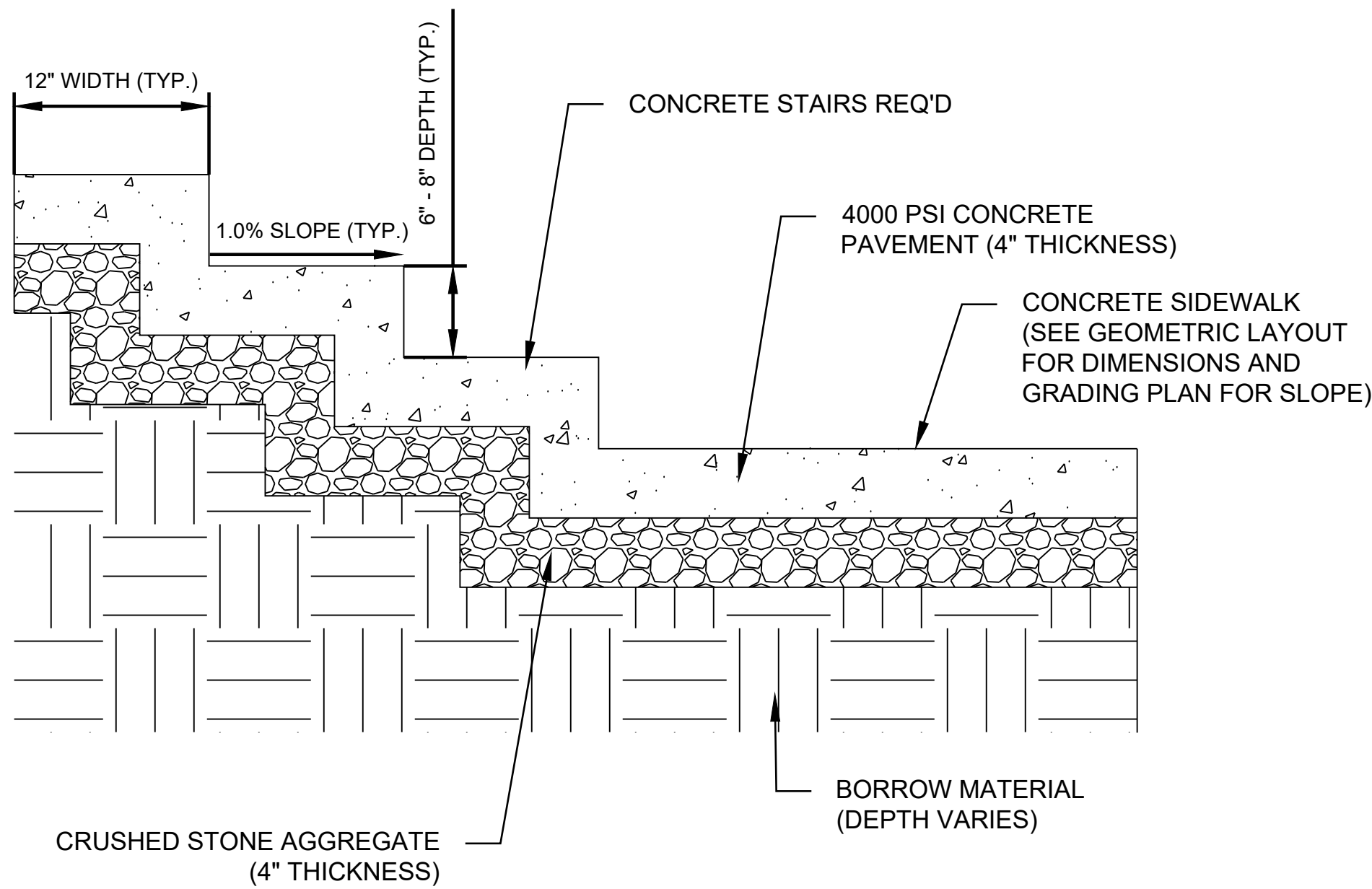


GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	2499CGP	7001-110-216
STANDARD	MEETS H-20	2499CGS	7001-110-217
SOLID COVER	MEETS H-20	2499CGC	7001-110-218
DOME	N/A	2499CGD	7001-110-219
DROP IN GRATE	LIGHT DUTY	2401DI	7001-110-075

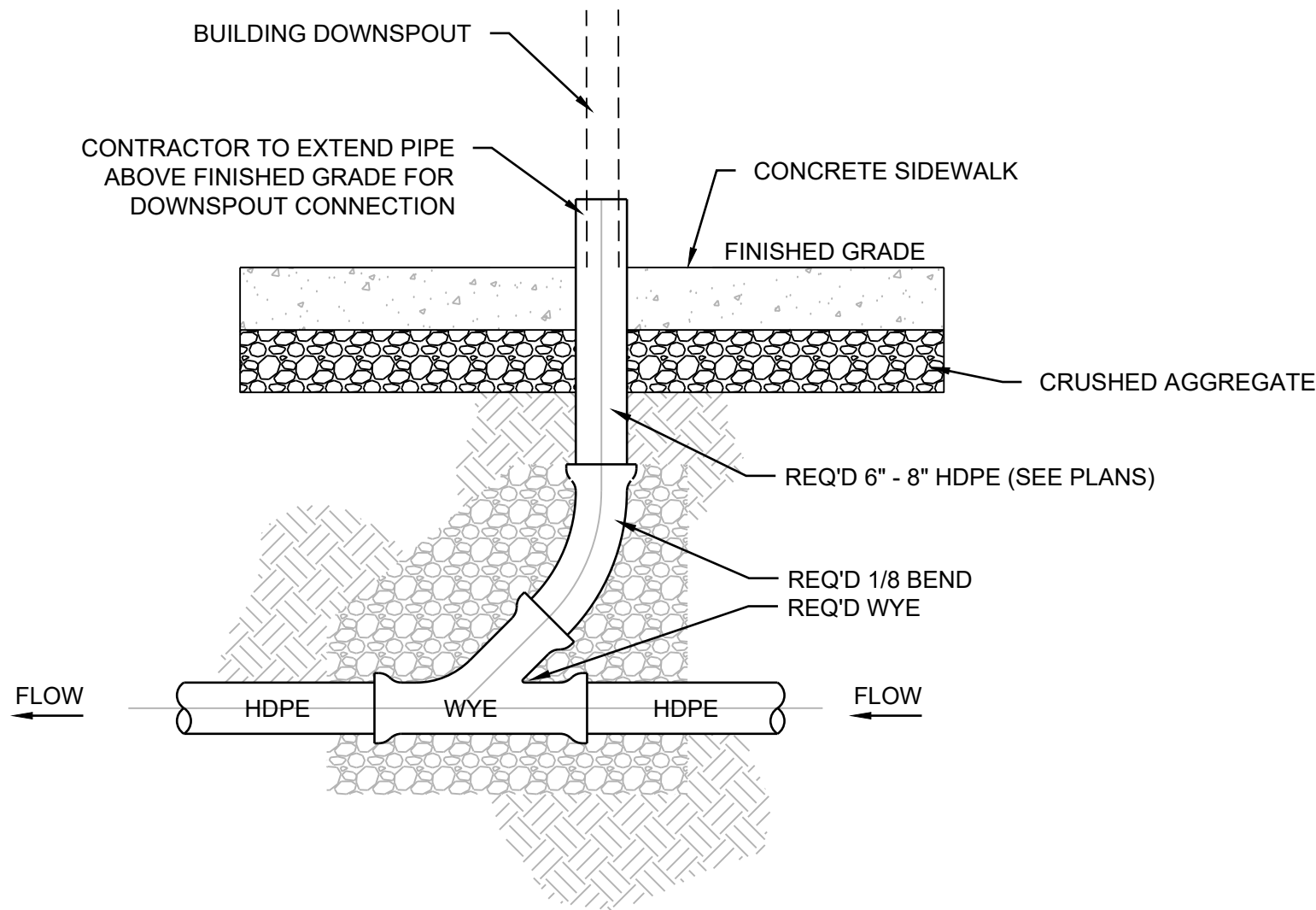
AREA INLET DETAIL
NTS



CONCRETE STEP PAVING DETAIL
NTS



CONCRETE STEPS DETAIL
NTS



DOWNSPOUT CONNECTION DETAIL
NTS

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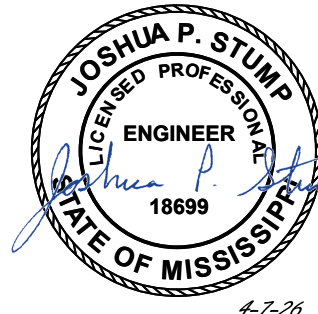
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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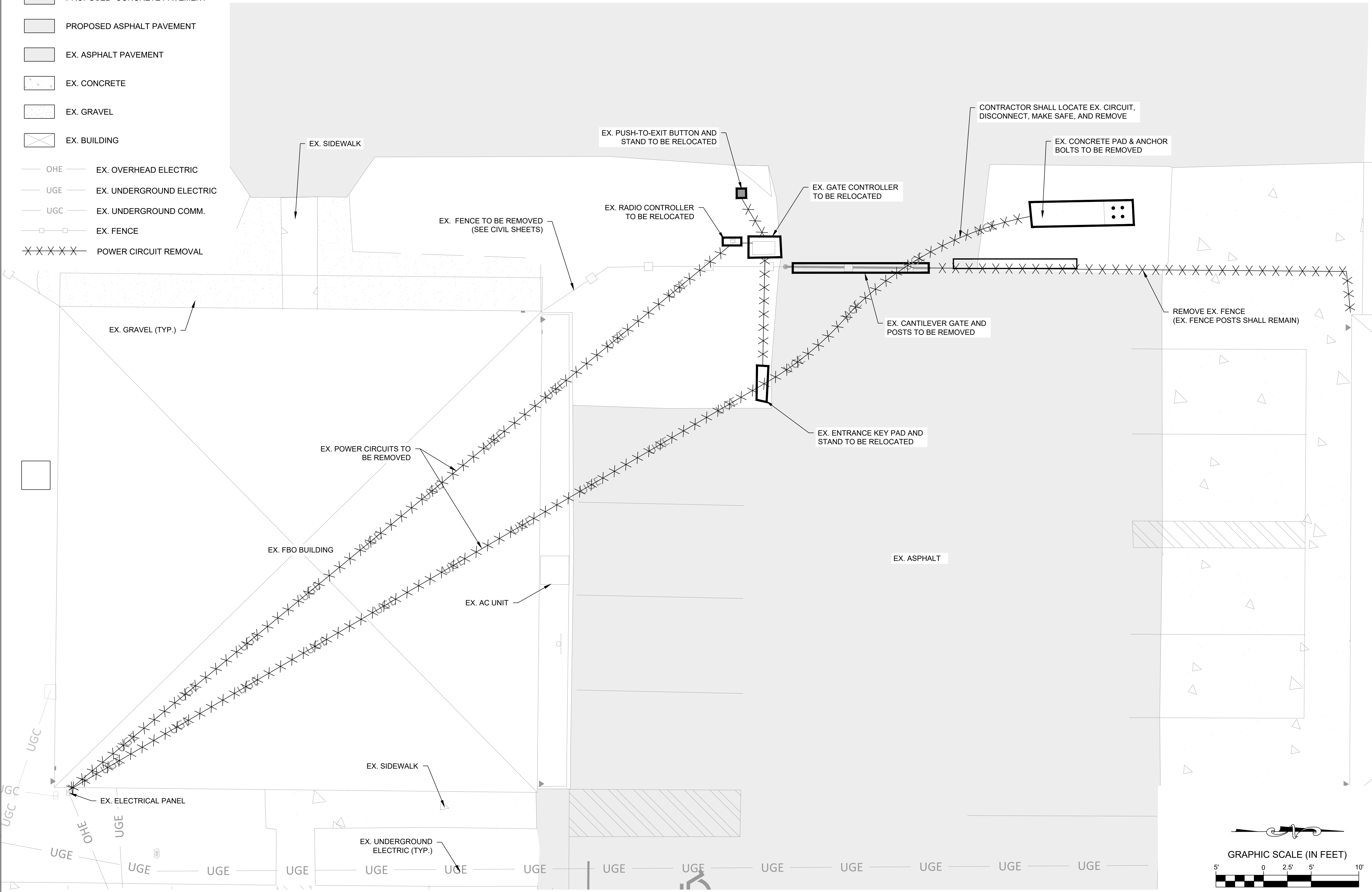
C6.3
TYPICAL DETAILS

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06

LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT
- EX. ASPHALT PAVEMENT
- EX. CONCRETE
- EX. GRAVEL
- EX. BUILDING
- OHE EX. OVERHEAD ELECTRIC
- UGE EX. UNDERGROUND ELECTRIC
- UGC EX. UNDERGROUND COMM.
- EX. FENCE
- POWER CIRCUIT REMOVAL



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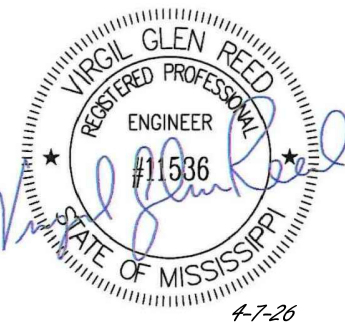
**FBO Expansion
FY2026 AIG#**

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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CE1.0
ELECTRICAL DEMOLITION
PLAN (ADD. ALT. #3)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06



LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT
- EX. ASPHALT PAVEMENT
- EX. CONCRETE
- EX. GRAVEL
- EX. BUILDING
- OHE

EX. OVERHEAD ELECTRIC
- UGE

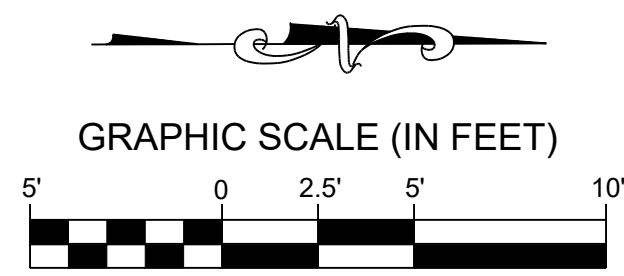
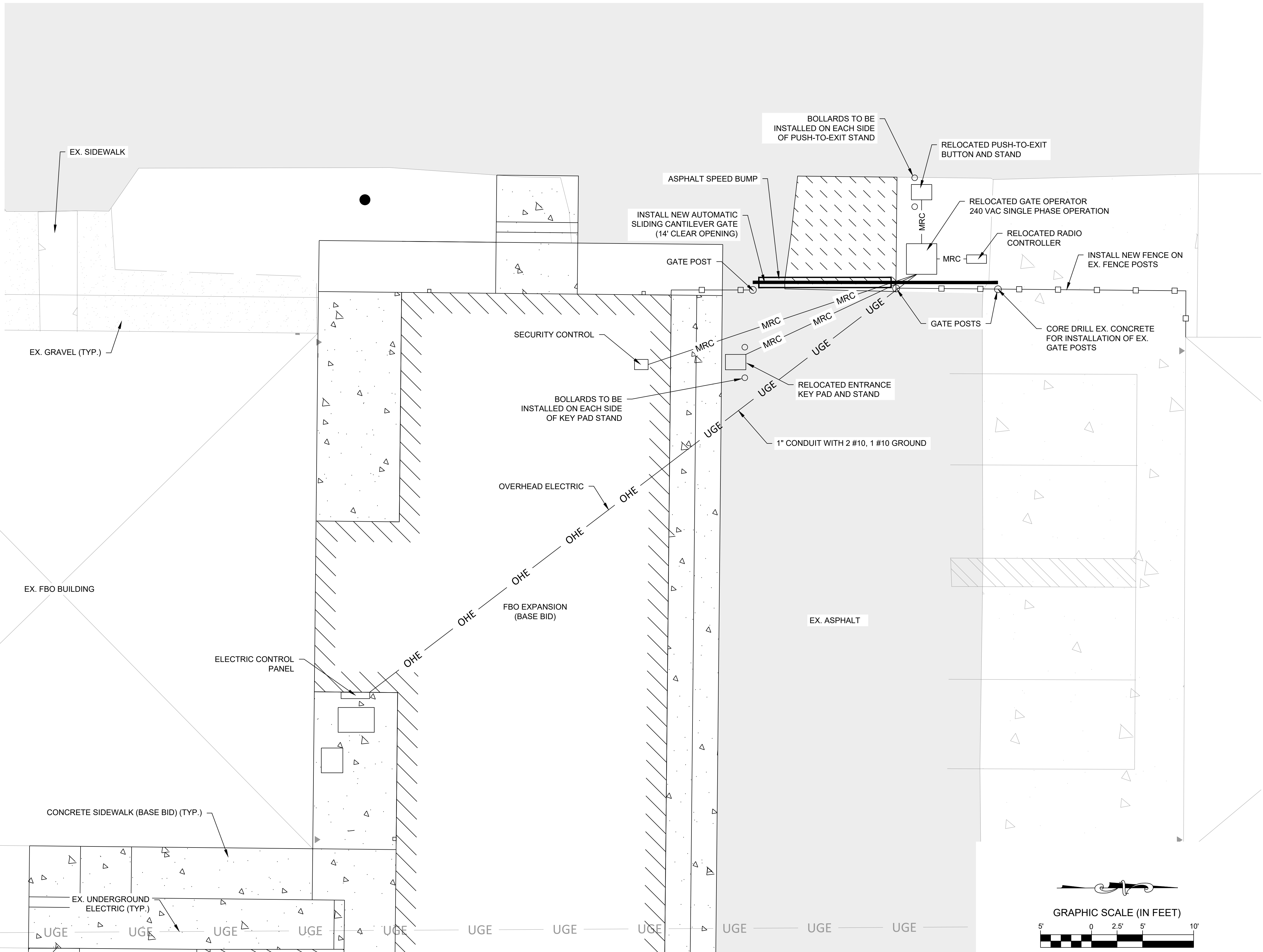
EX. UNDERGROUND ELECTRIC
- UGC

EX. UNDERGROUND COMM.
- EX. FENCE
- UGE

NEW UNDERGROUND ELECTRIC
- UGE

NEW OVERHEAD ELECTRIC
- MRC

MANUFACTURERS RECOMMENDED CONDUCTORS



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**FBO Expansion
FY2026 AIG#**

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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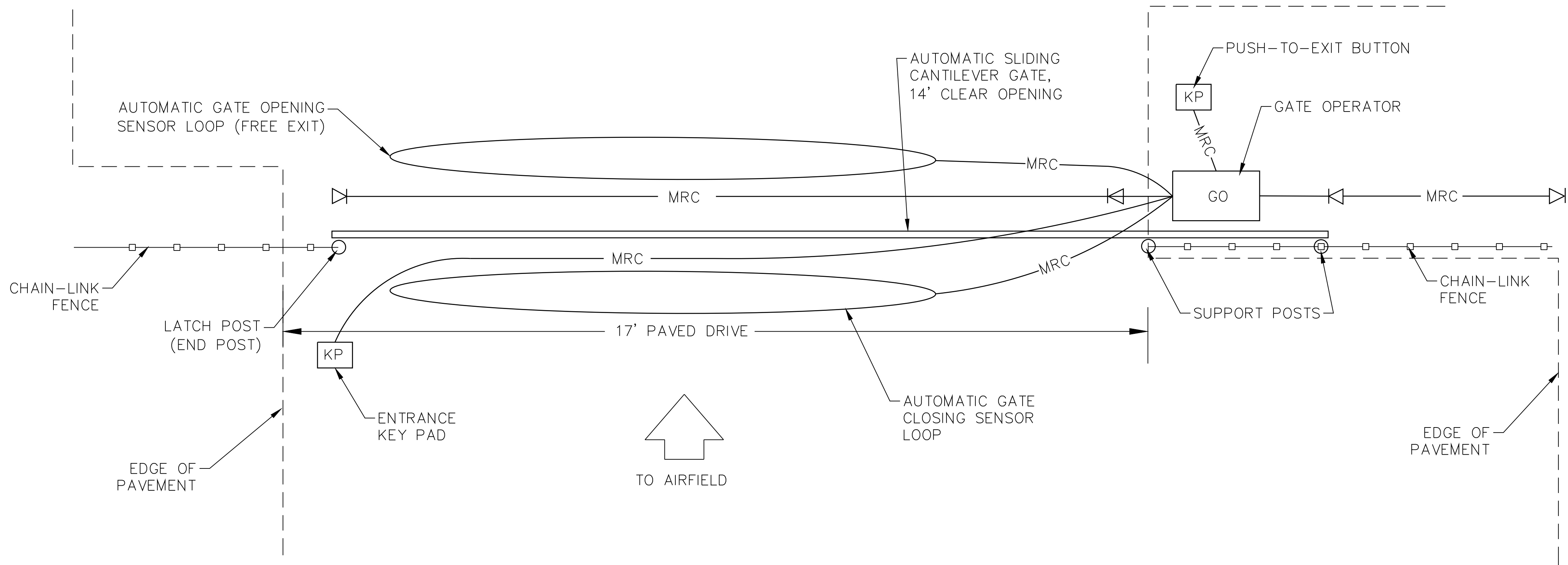
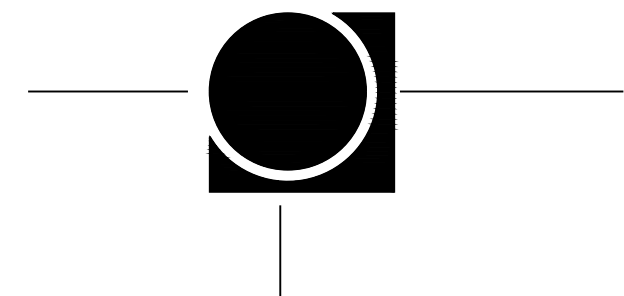
CE2.0

ELECTRICAL PLAN (ADD. ALT. #3)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06





ELECTRICAL NOTES:

- 1. INSTALL LOOP SYSTEM TO PREVENT CLOSURE WHILE VEHICLE IS IN PLACE.
- 2. INSTALL ANTI-CRUSH OPTIC SENSORS AND BEAM TO PREVENT DAMAGE DURING OPENING AND CLOSING.
- 3. INSTALL RUBBER SAFETY EDGE WITH RADIO SIGNAL TO OPERATOR.
- 4. INSTALL NEW ALUMINUM GATE.
- 5. ALL EXPOSED CONDUIT SHALL BE GRC.
- 6. INSTALL TRACK/BAR BEARING TRUCK ASSEMBLY.
- 7. INSTALL EXISTING KEY PAD AND KEY PAD STAND WITH NEW CONDUCTORS TO GATE OPERATOR.

LEGEND

- RELOCATED GATE OPERATOR
- CONDUIT AND CONDUCTORS PER MANUFACTURERS RECOMMENDATIONS
- OPTIC SENSOR AND BEAMS
- RELOCATED KEYPAD/PUSH-TO-EXIT BUTTON AND ASSOCIATED STANDS

PLAN VIEW FOR GATE 2 AT FBO
NTS



Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



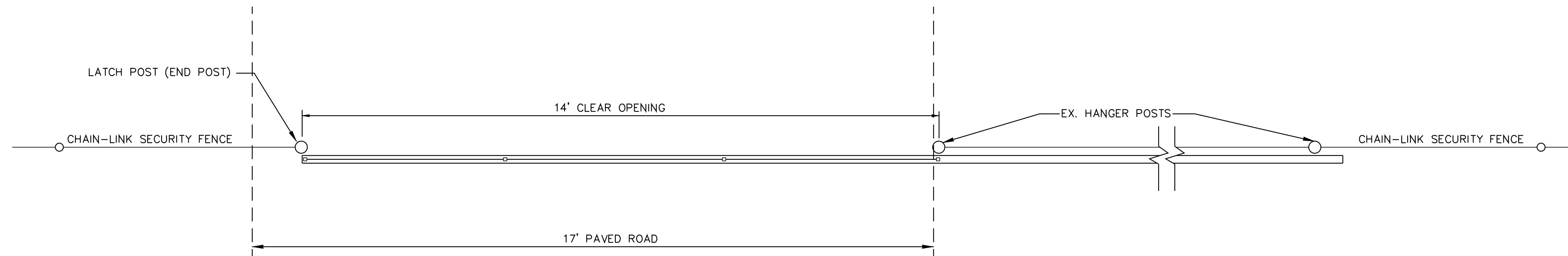
Columbus, MS

CE3.0

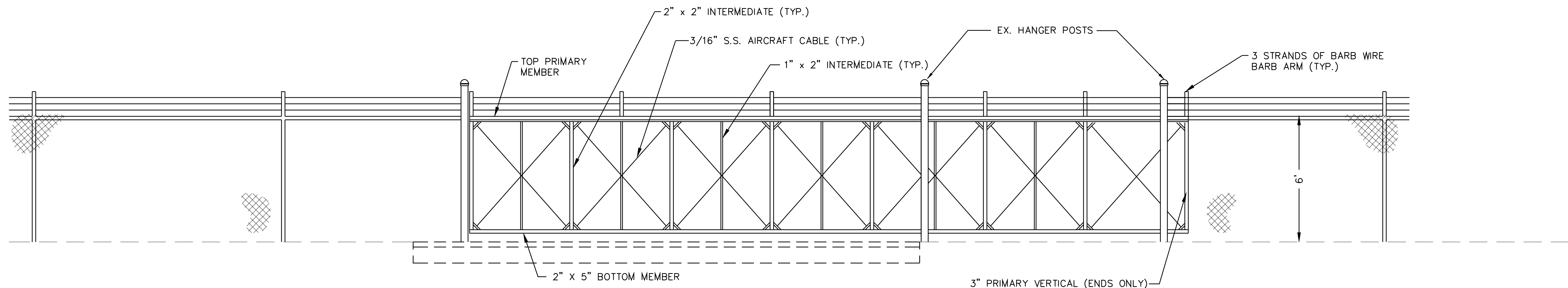
GATE DETAILS 1 (ADD. ALT. #3)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale	Project Number
	20158.06



PLAN VIEW
N.T.S.



ELEVATION
N.T.S.

AUTOMATIC SLIDING CANTILEVER GATE DETAIL
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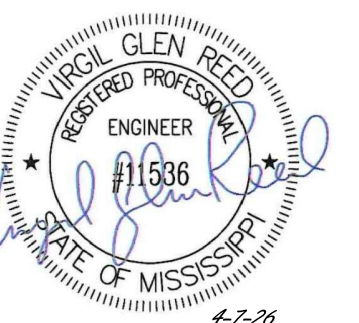
**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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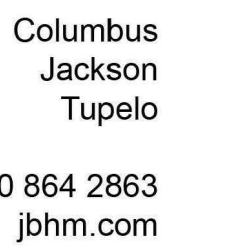
CE3.1

GATE DETAILS 2 (ADD. ALT. #3)

Drawn By	Checked By	Date
TCC	JPS	April 7, 2026

Scale Project Number
20158.06

NEEL-SCHAFER



Golden Triangle Regional Airport

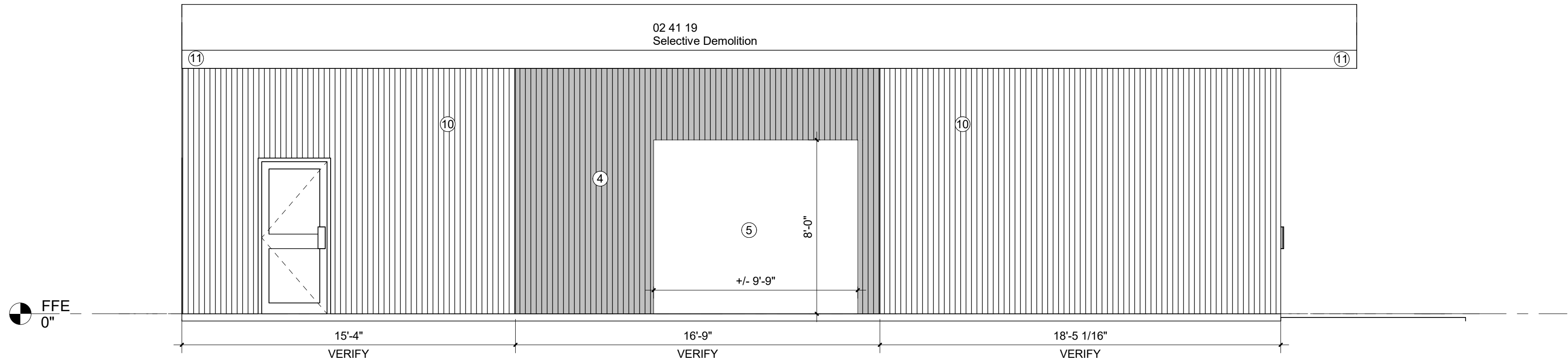
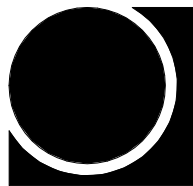
**FBO Expansion
FY2026 AIG#**

Golden Triangle Regional Airport

CE3.2

<u>Scale</u>	<u>Project Number</u>
	20158.06





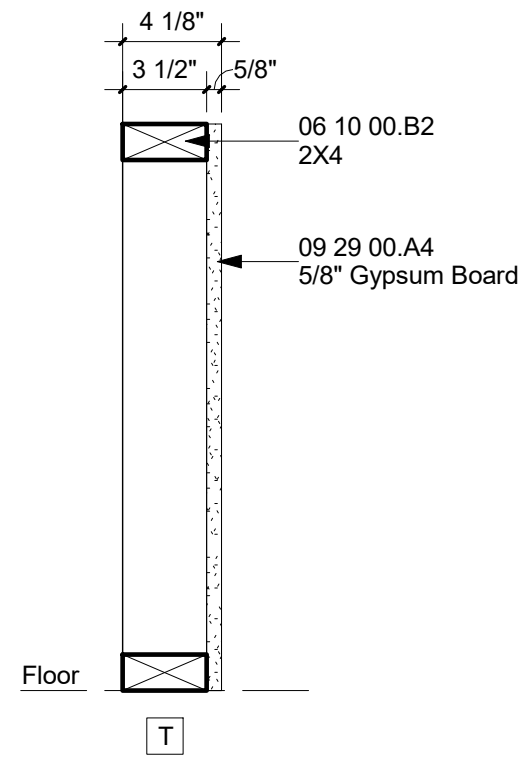
2 Existing North Elevation - Demolition
1/4" = 1'-0"

Demolition Notes - Base Bid:

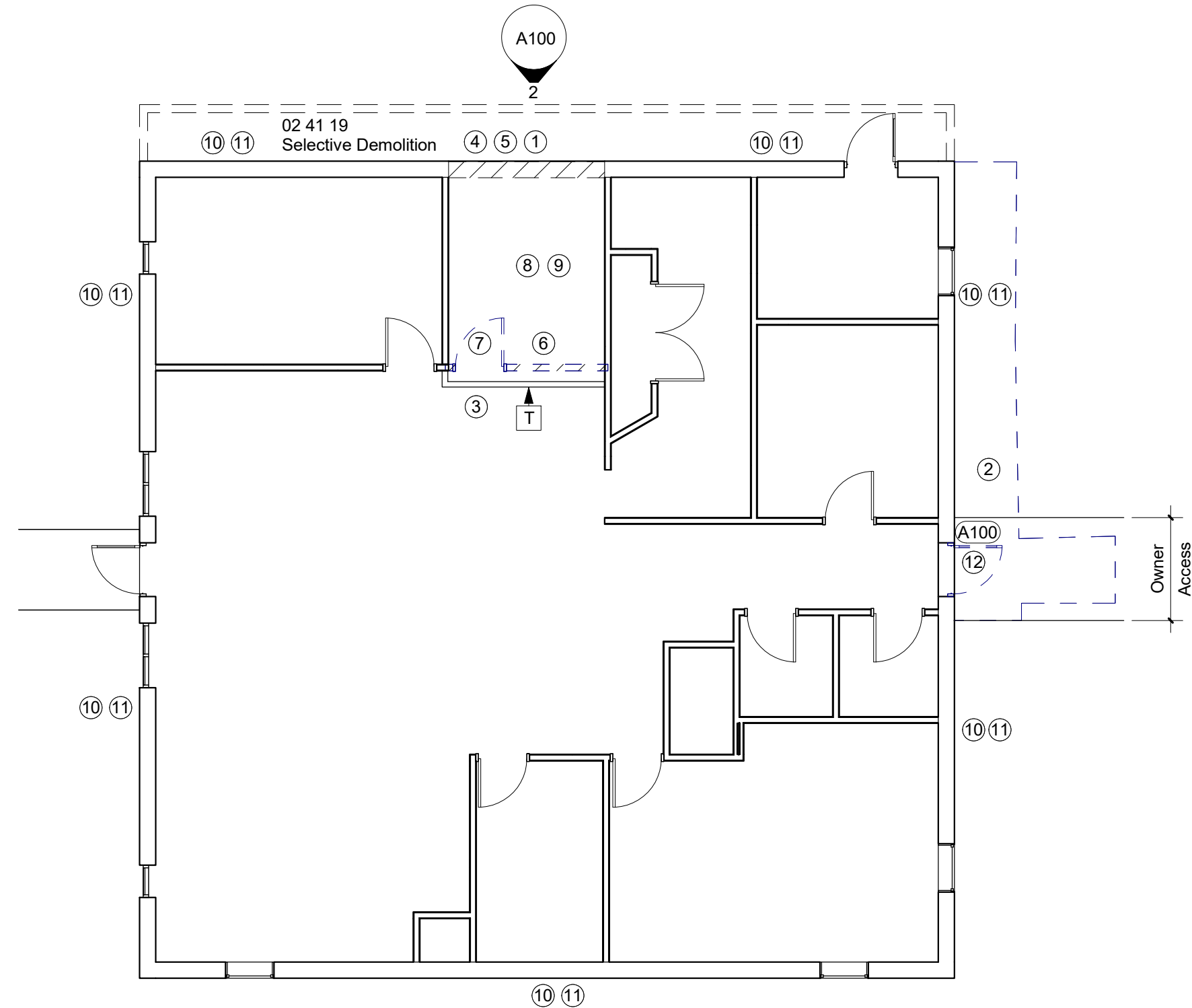
1. Remove and relocate existing HVAC condensor.
2. Remove and dispose of existing concrete sidewalk. (Contractor shall maintain Owner/Visitor access for the duration of the project.)
3. Provide temporary wall for duration of project.
4. Remove existing metal siding. Store for use at connection to new building.
5. Cut and remove existing metal building girts. Provide C Channel support framing around opening as necessary. See Structural
6. Remove and dispose of portion of existing wall. Relocate any electrical as necessary.
7. Remove and dispose of existing door and frame.
8. Remove and dispose of existing ceiling.
9. Remove and dispose of existing flooring. Prep for new LVT flooring and Resilient Base.

Demolition Notes - Alternate #1

10. Remove all existing metal siding panels. Prep for installation of new insulated metal panels.
11. Remove all existing metal building gutters, coping, flashing, etc. around existing building eaves.
12. Remove and dispose of existing door.



3 Temporary Wall Types
1 1/2" = 1'-0"



1 Addition Floor Plan
1/8" = 1'-0"

Golden Triangle Regional Airport

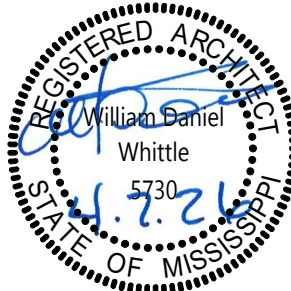
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A100
Demolition

Drawn By	Checked By	Date
TW	BW	April 7, 2026

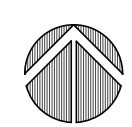
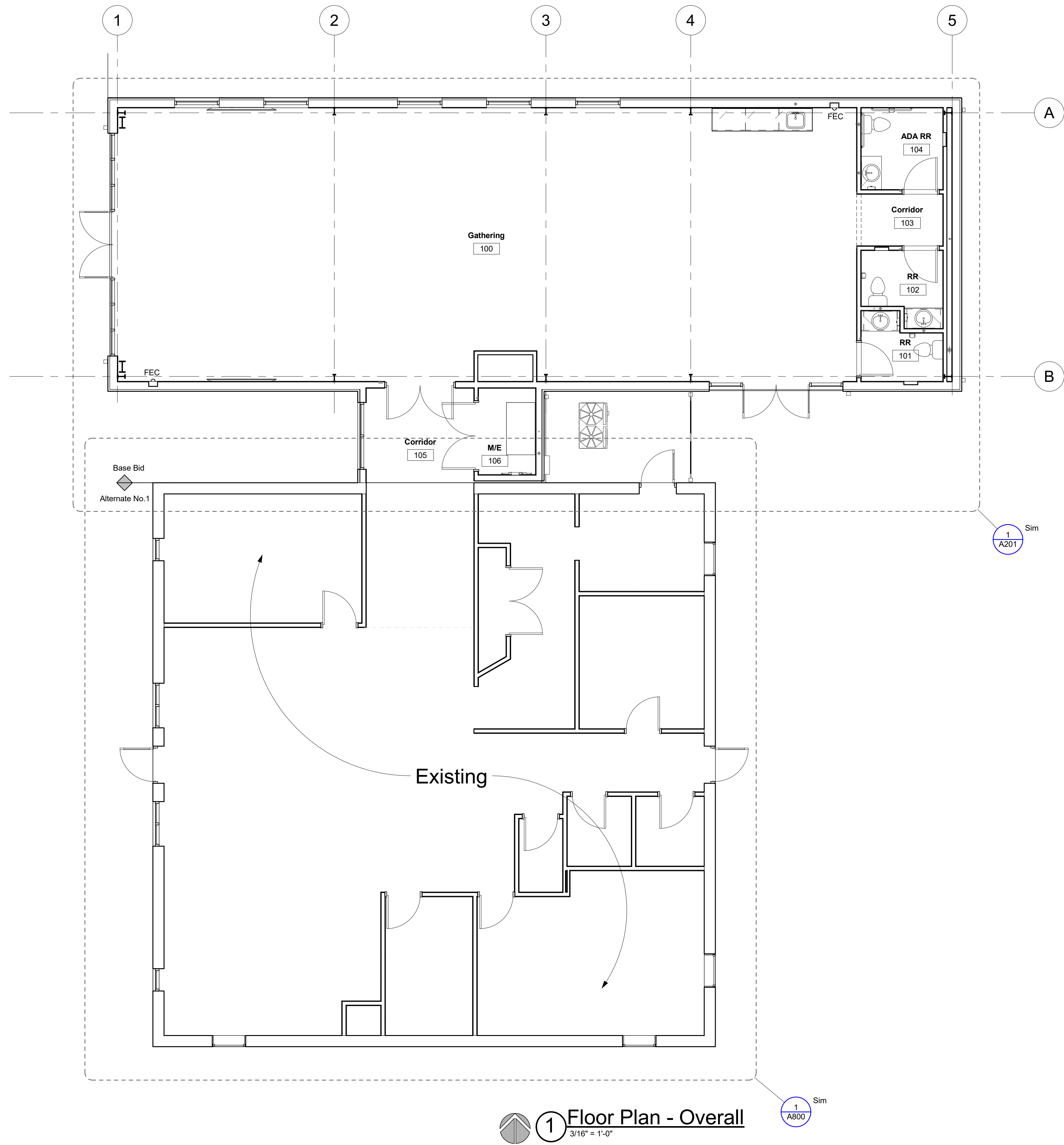
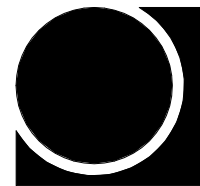
Scale	Project Number
As indicated	26002.00

JBHM
Architecture

Columbus
Jackson
Tupelo

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jbhm.com





1 Floor Plan - Overall

3/16" = 1'-0"

1
A800
Sim

1
A201
Sim

Golden Triangle Regional Airport

FBO Expansion
FY2026 AIG#

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A200
Floor Plan - Overall

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
3/16" = 1'-0"	26002.00

JBHM
Architecture

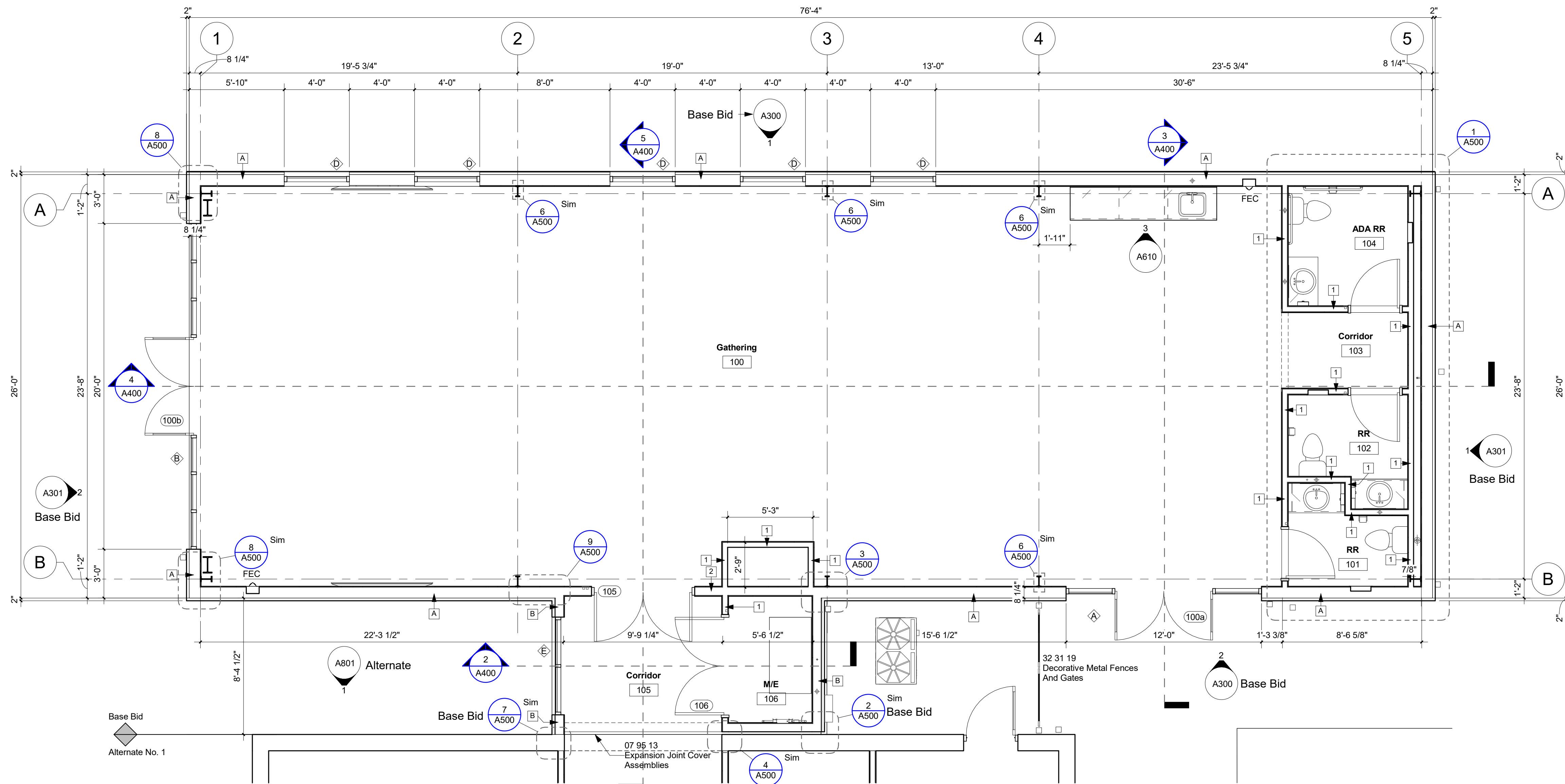
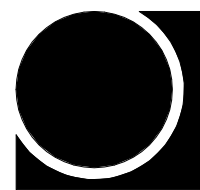
Columbus
Jackson
Tupelo

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jbhm.com



26002.00

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1 Floor Plan - Addition
1/4" = 1'-0"

Golden Triangle Regional Airport

FBO Expansion
FY2026 AIG#

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A201
Floor Plan - Addition

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

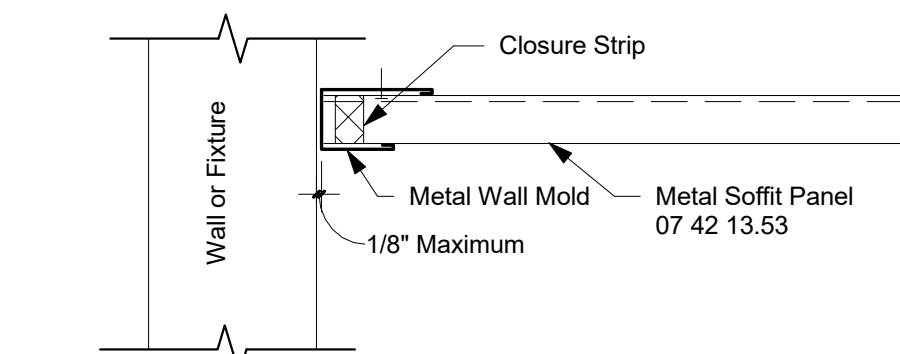
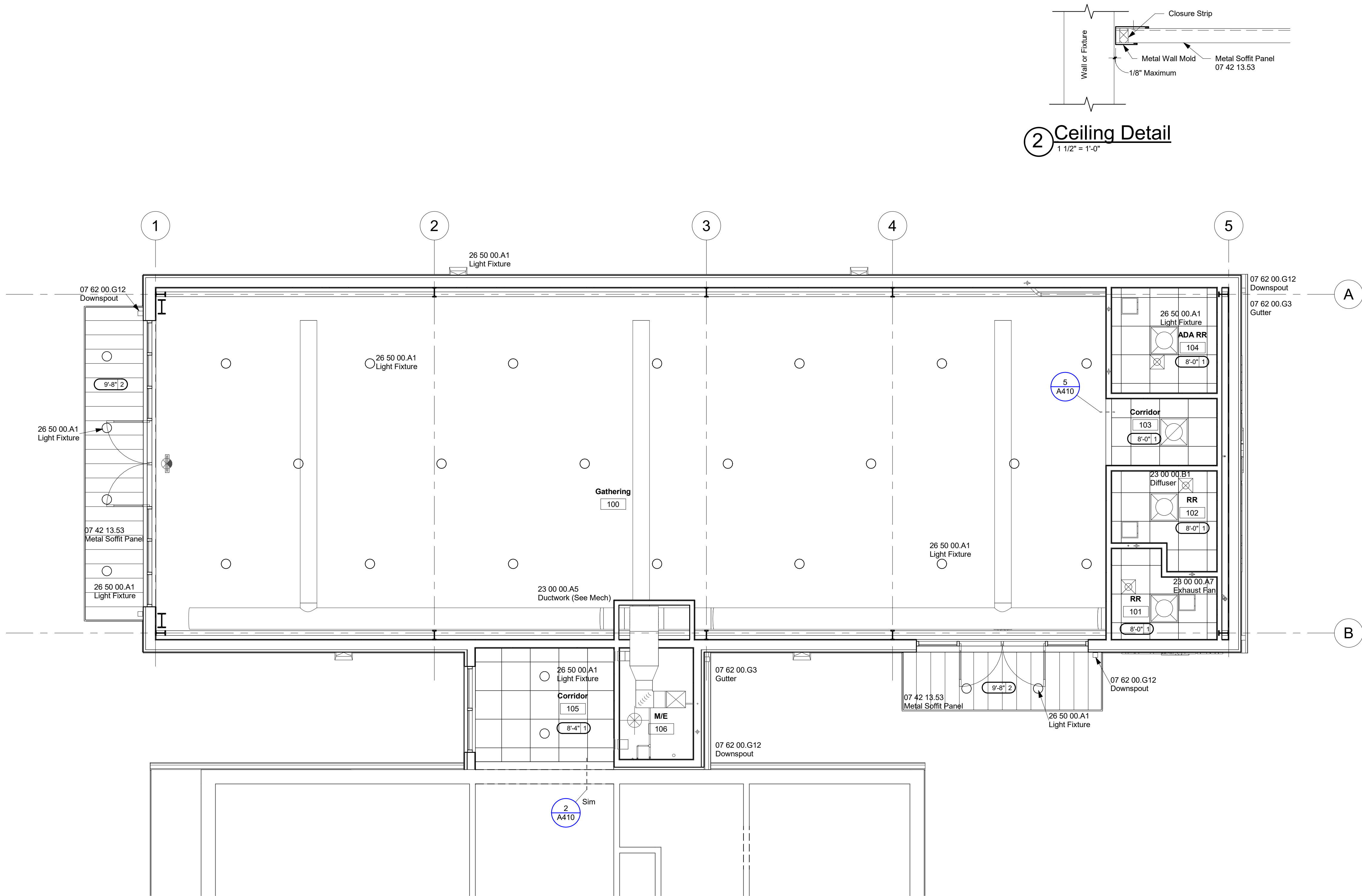
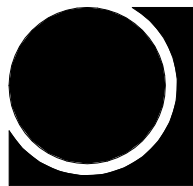
JBHM
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② Ceiling Detail

① Reflected Ceiling Plan
1/4" = 1'-0"

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**FBO Expansion
FY2026 AIG#**

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A210
Reflected Ceiling Plan

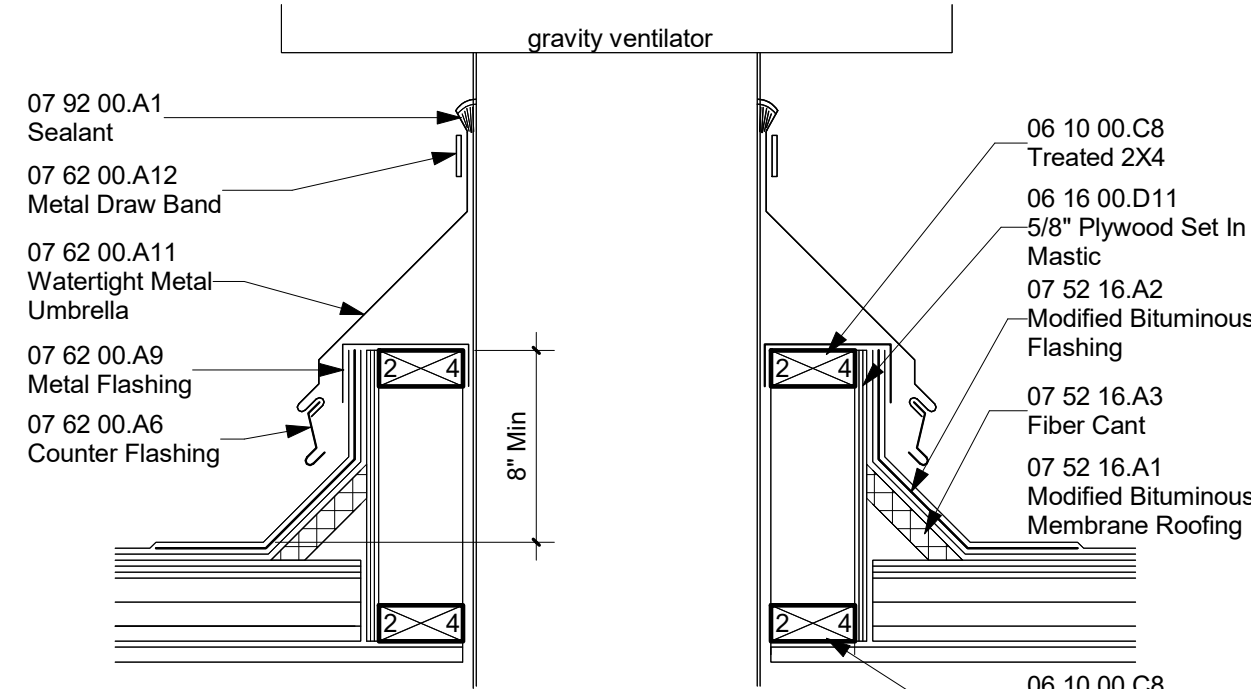
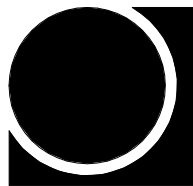
Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
As indicated	26002.00

26002.00

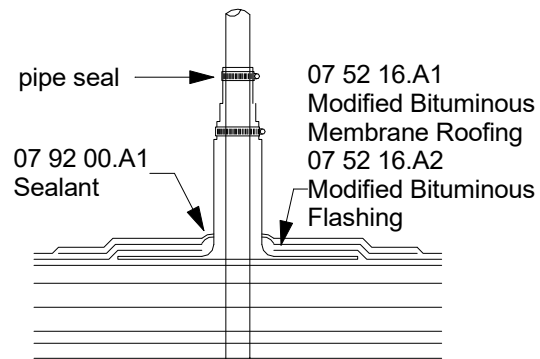
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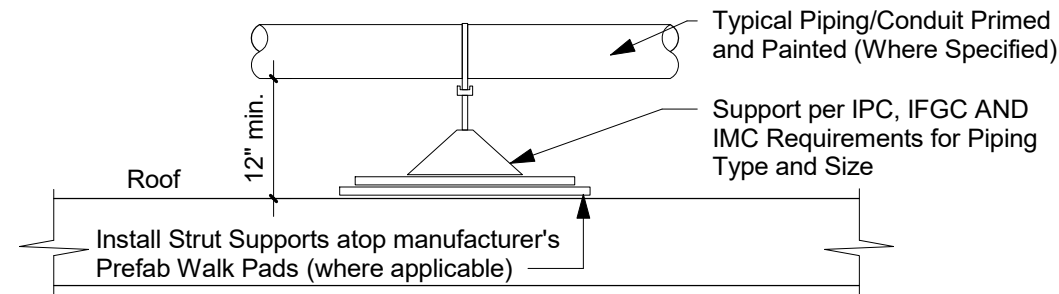
2 Roof - Exhaust

1 1/2" = 1'-0"



4 Roof Piping

1 1/2" = 1'-0"



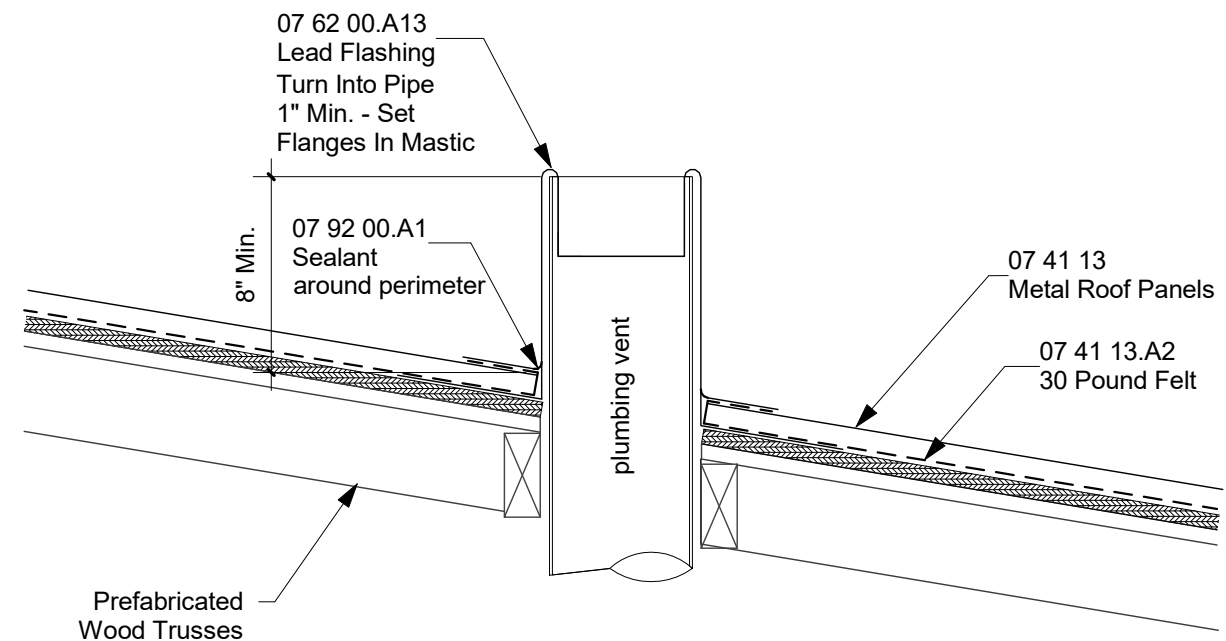
Roof Piping Support Detail - SIDE VIEW

N.T.S.

Note:
1. Supports for natural gas piping shall be equal to MAPA MS-3RA12 Series (Adjustable Height).

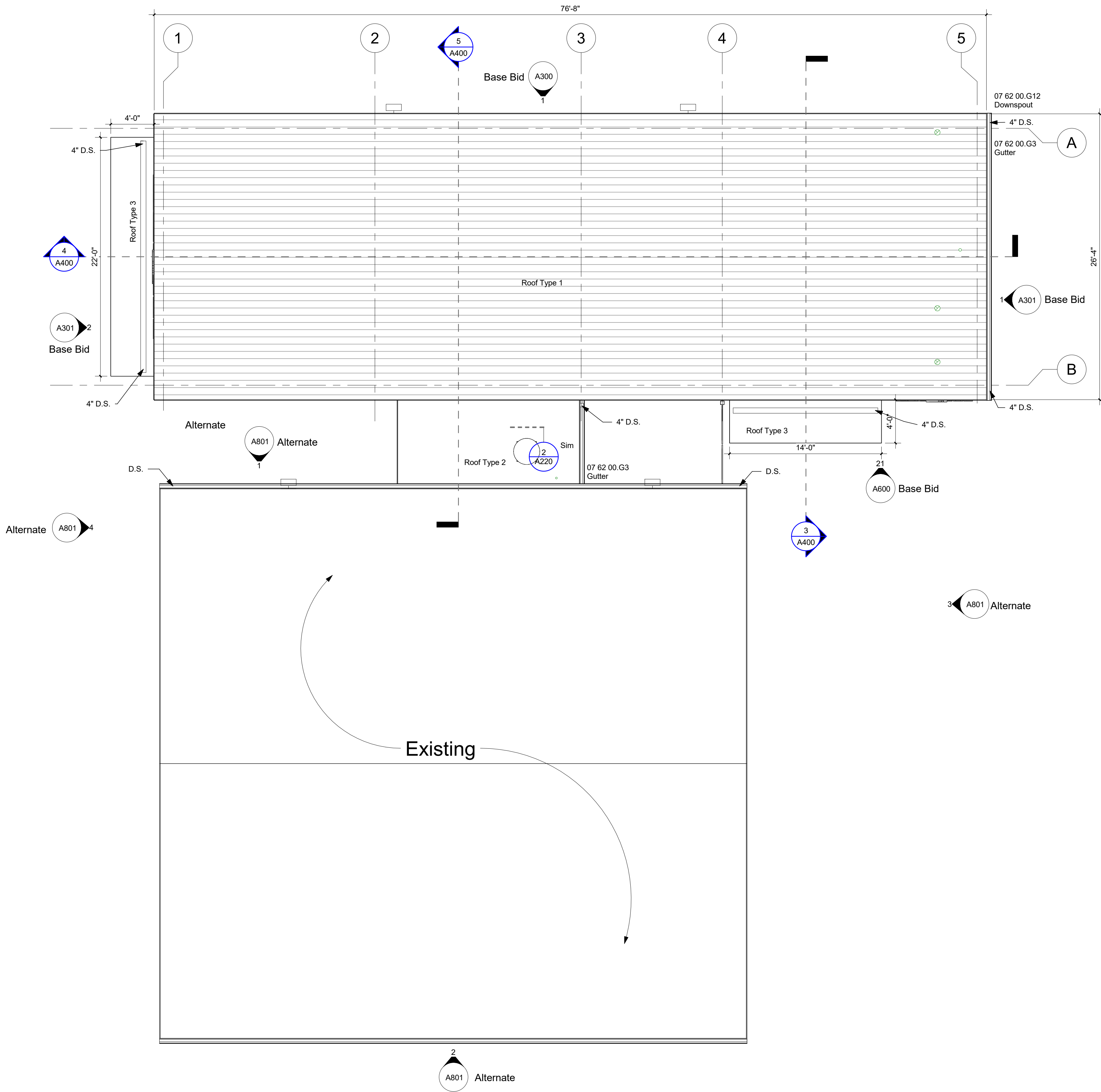
5 Piping Support

1/8" = 1'-0"



6 VTR Detail

1 1/2" = 1'-0"



1 Roof Plan

3/16" = 1'-0"

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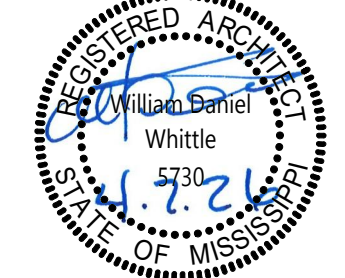
**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A220
Roof Plan

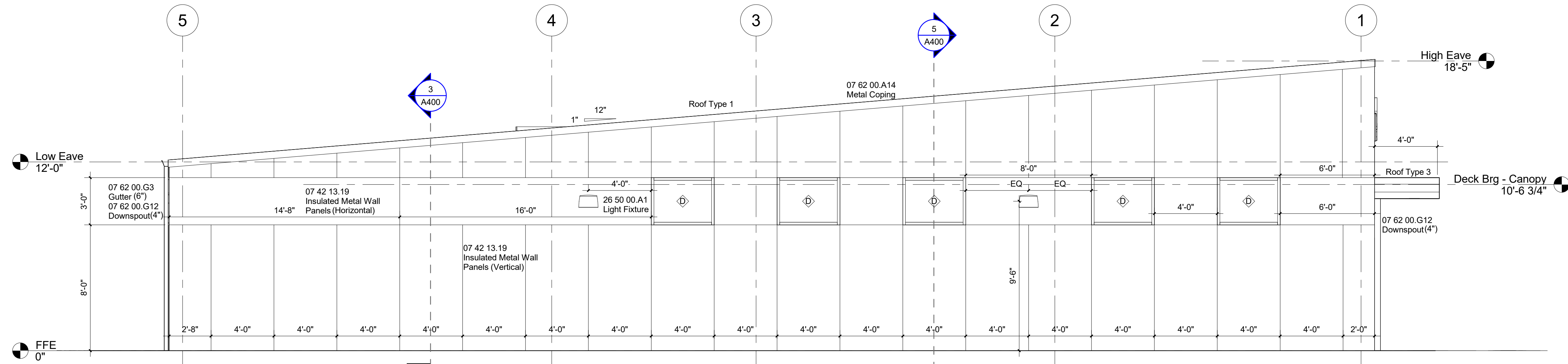
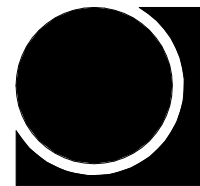
Drawn By: TW
Checked By: BW
Date: April 7, 2026

Scale: As indicated
Project Number: 26002.00

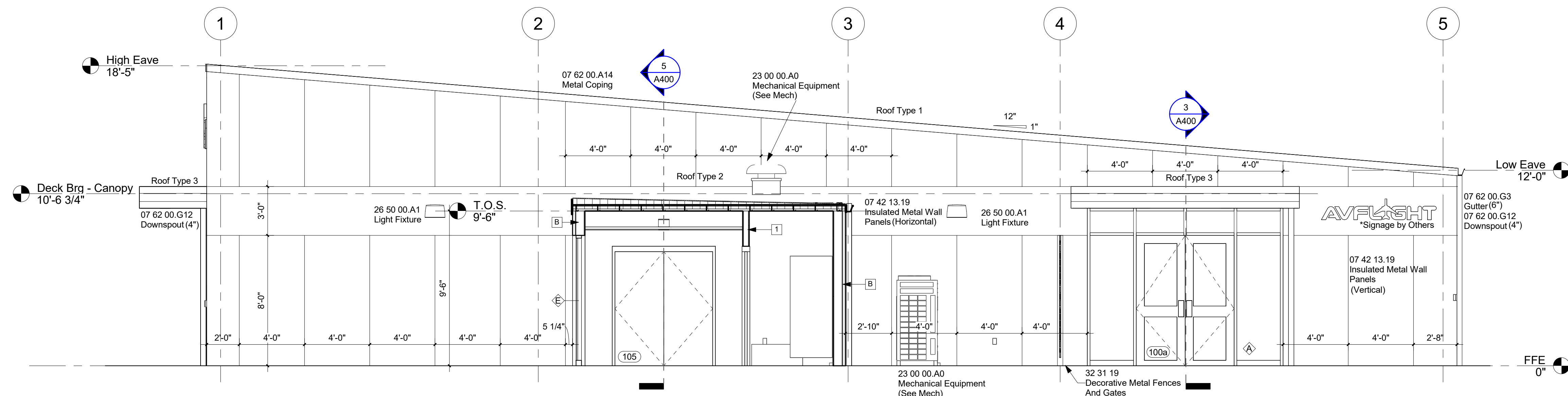
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1 North Elevation - Base Bid
1/4" = 1'-0"



2 South Elevation - Base Bid
1/4" = 1'-0"

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**FBO Expansion
FY2026 AIG#**

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A300
Exterior Elevations

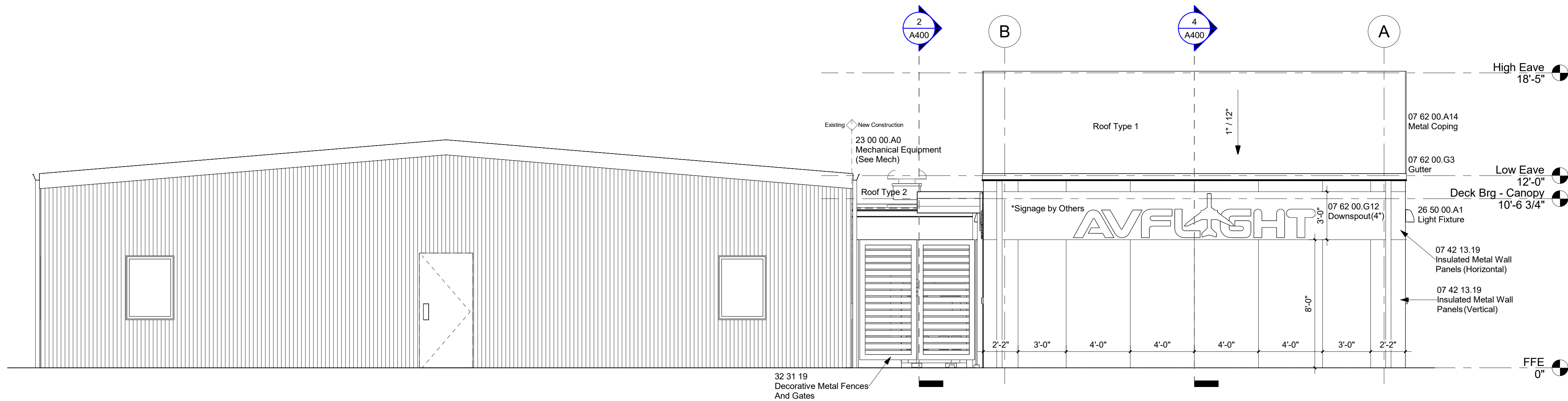
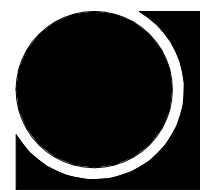
Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

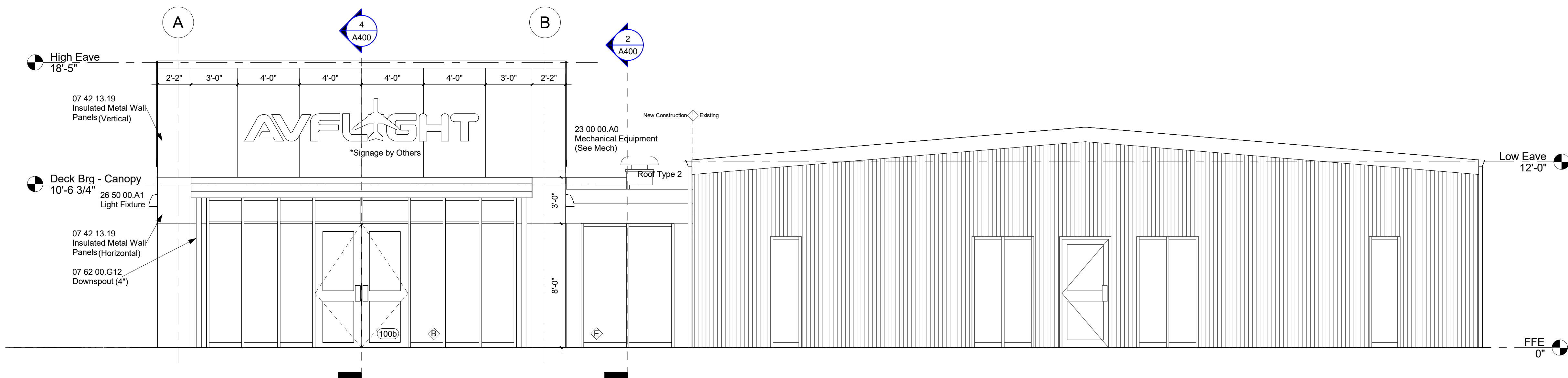
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① East Elevation - Base Bid
1/4" = 1'-0"



② West Elevation - Base Bid
1/4" = 1'-0"

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Golden Triangle Regional Airport

**FBO Expansion
FY2026 AIG#**

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A301
Exterior Elevations

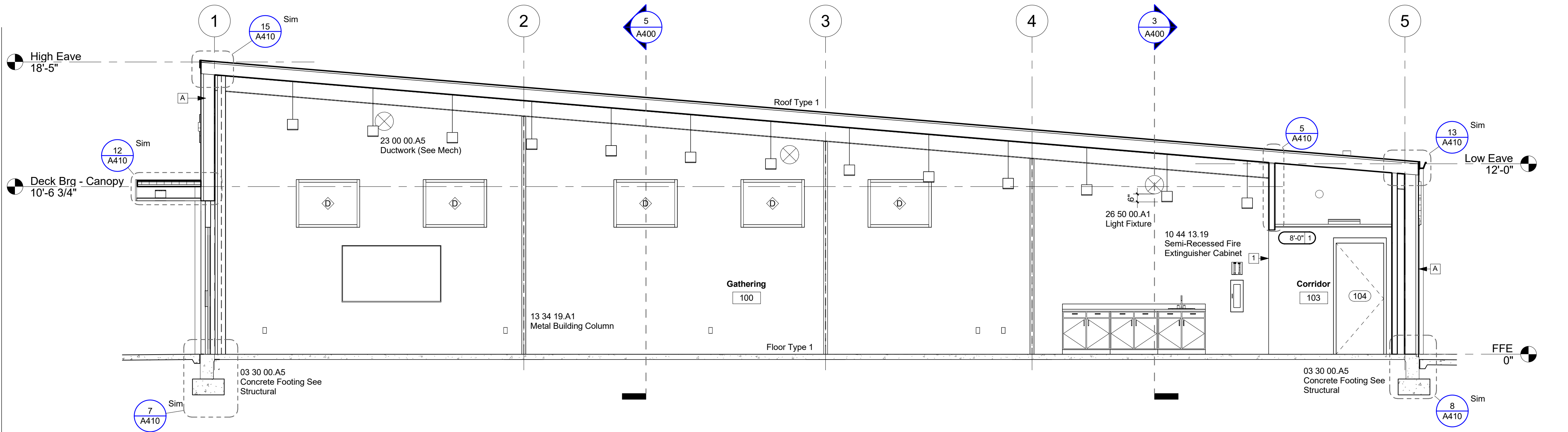
Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

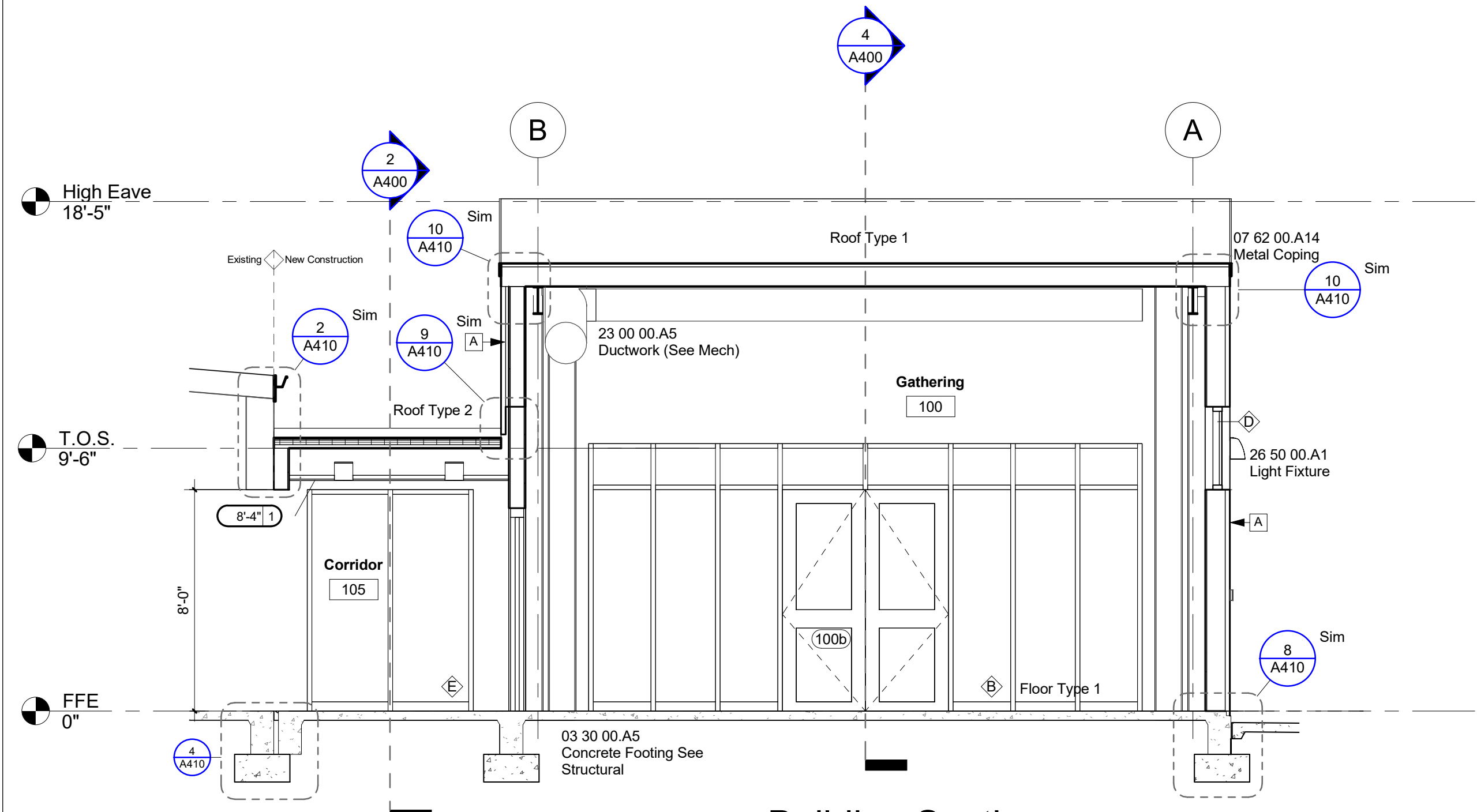
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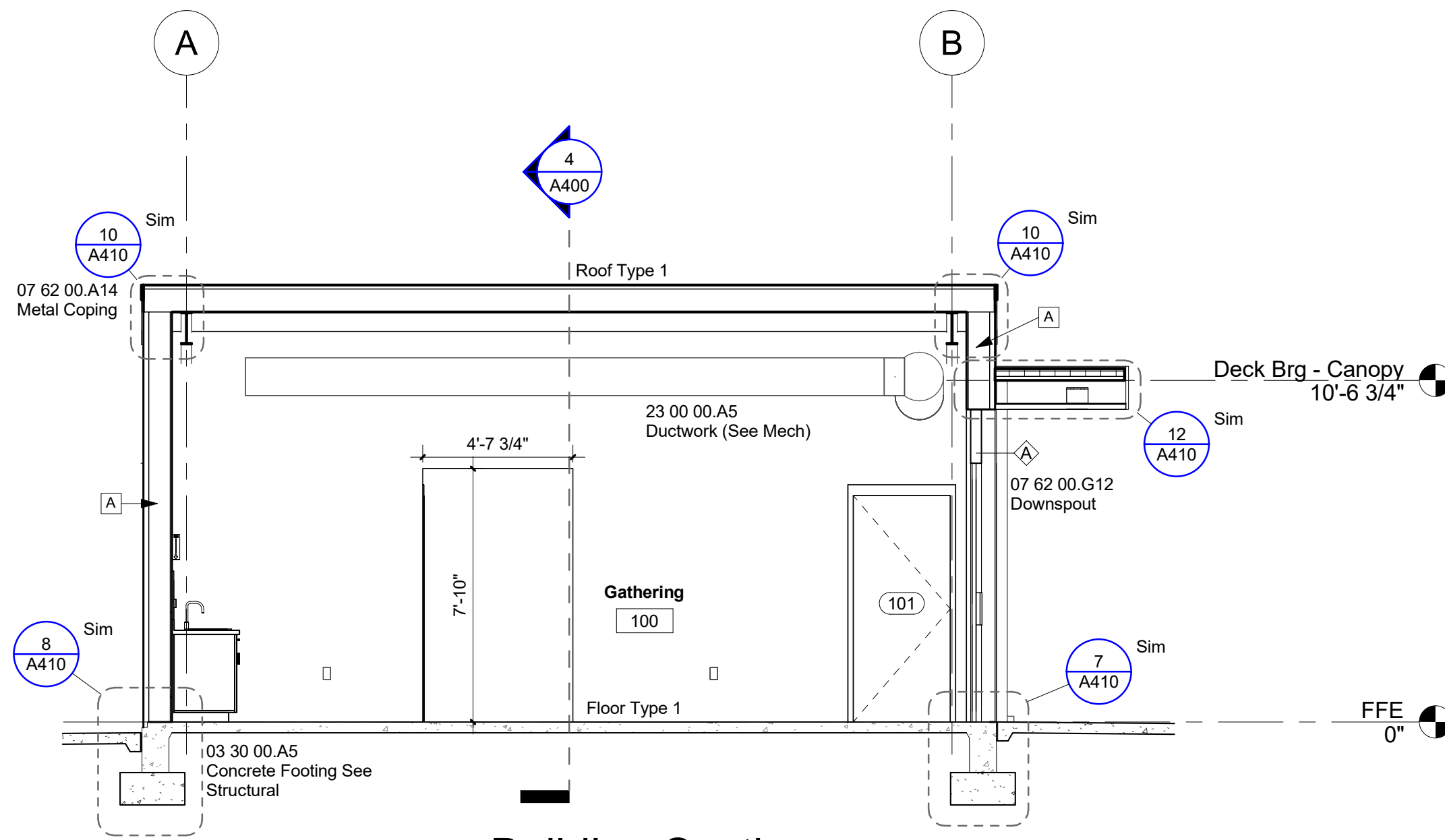
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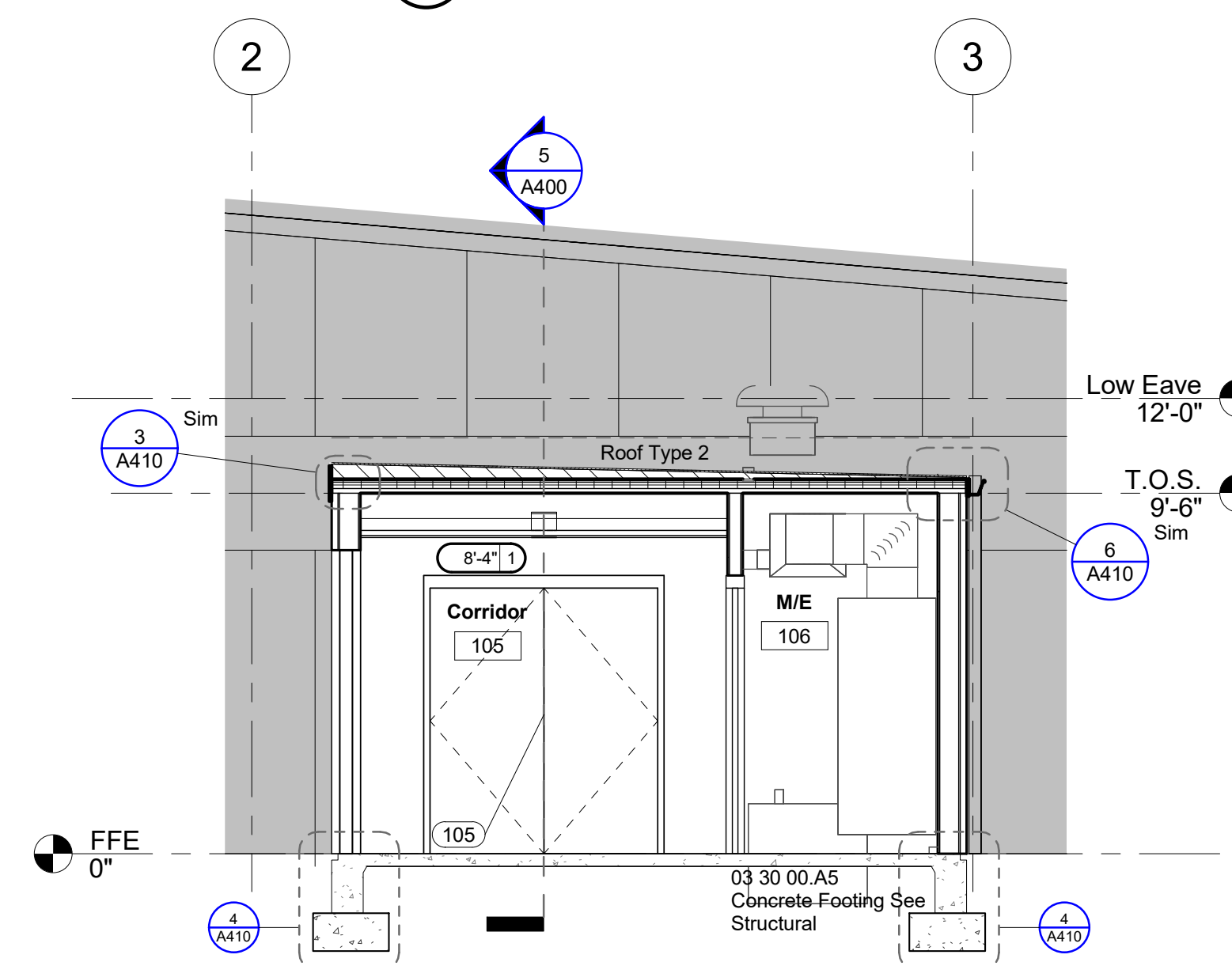
④ Building Section
1/4" = 1'-0"



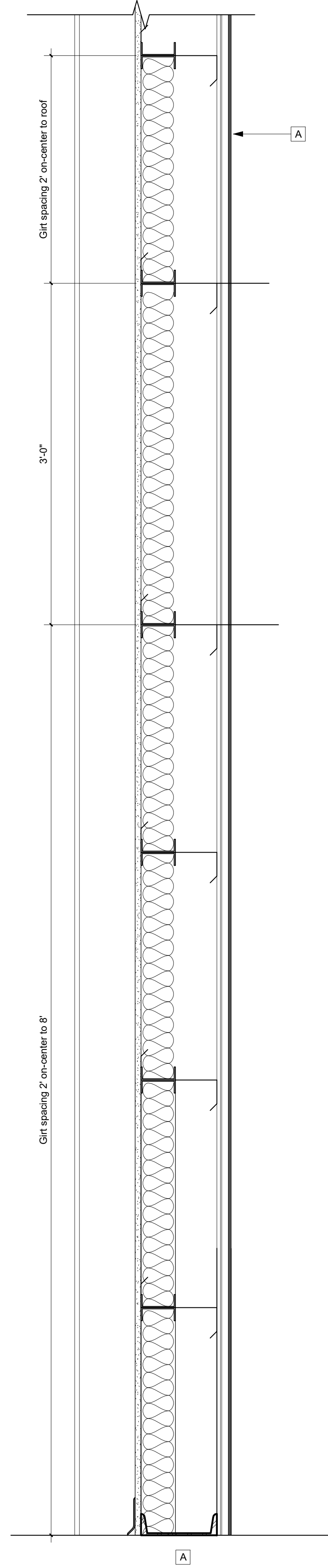
⑤ Building Section
1/4" = 1'-0"



③ Building Section
1/4" = 1'-0"



② Building Section
1/4" = 1'-0"



① Typical Wall Section
1 1/2" = 1'-0"

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**FBO Expansion
FY2026 AIG#**

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



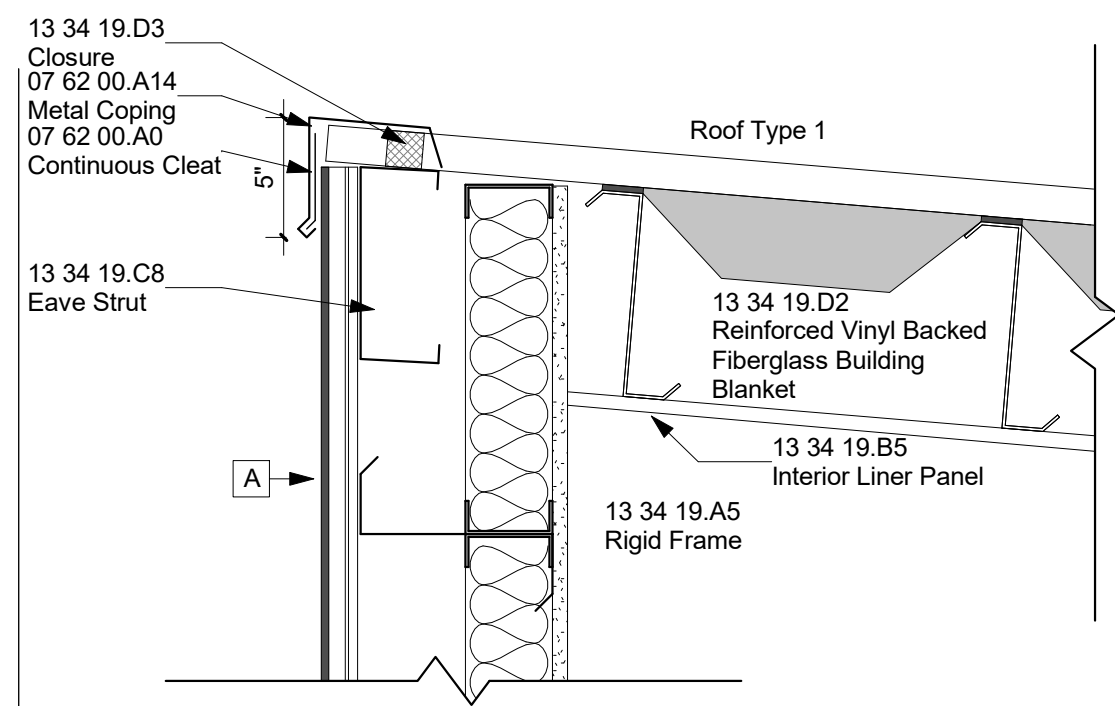
Columbus, MS

A400
Building Sections

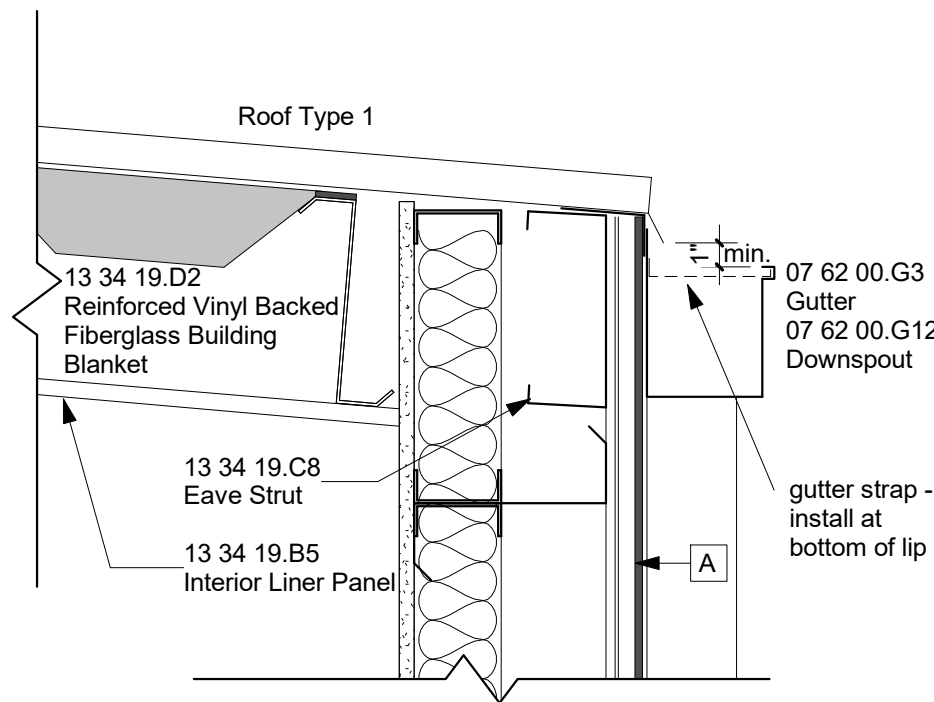
Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale: As indicated
Project Number: 26002.00

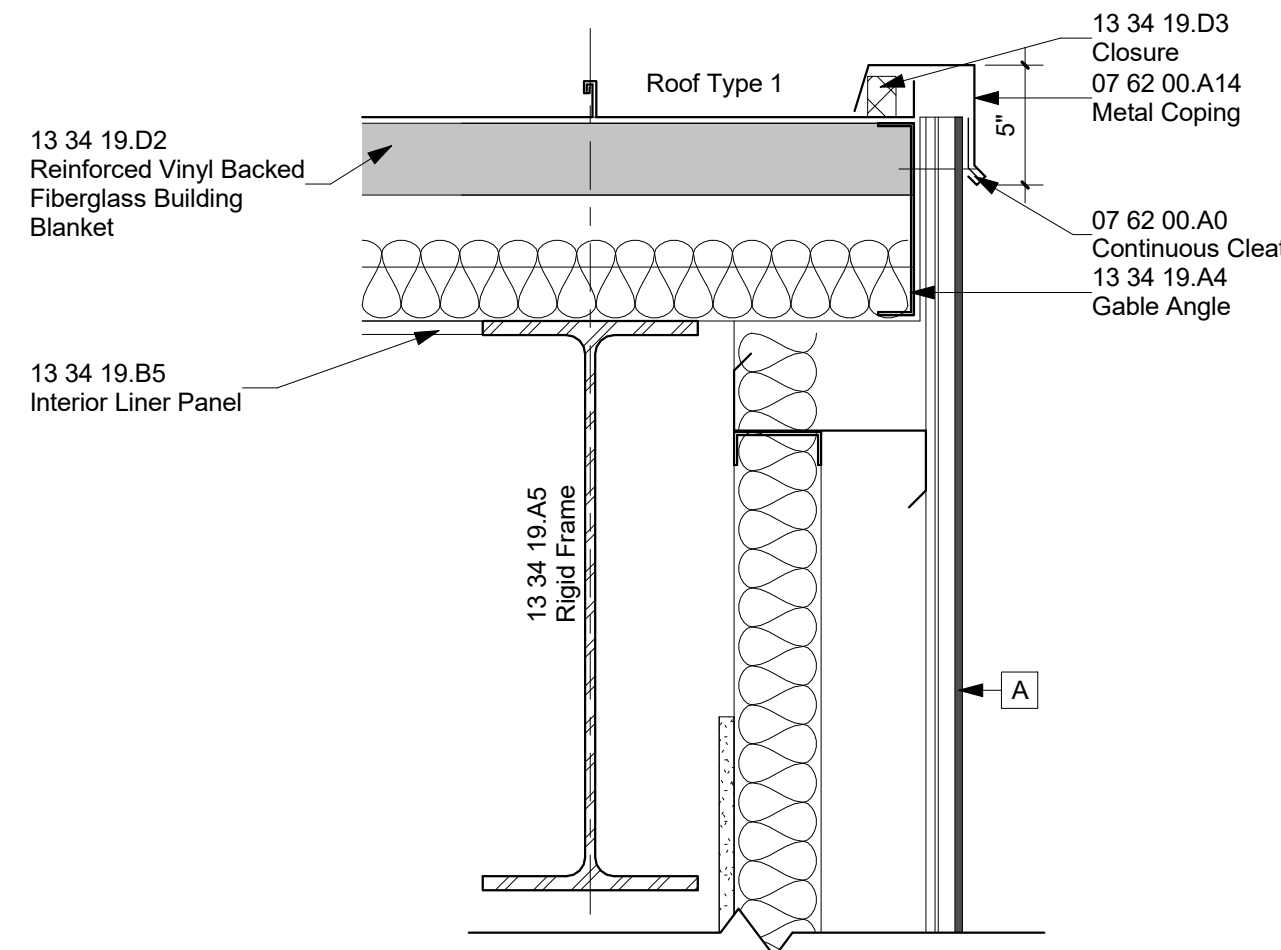
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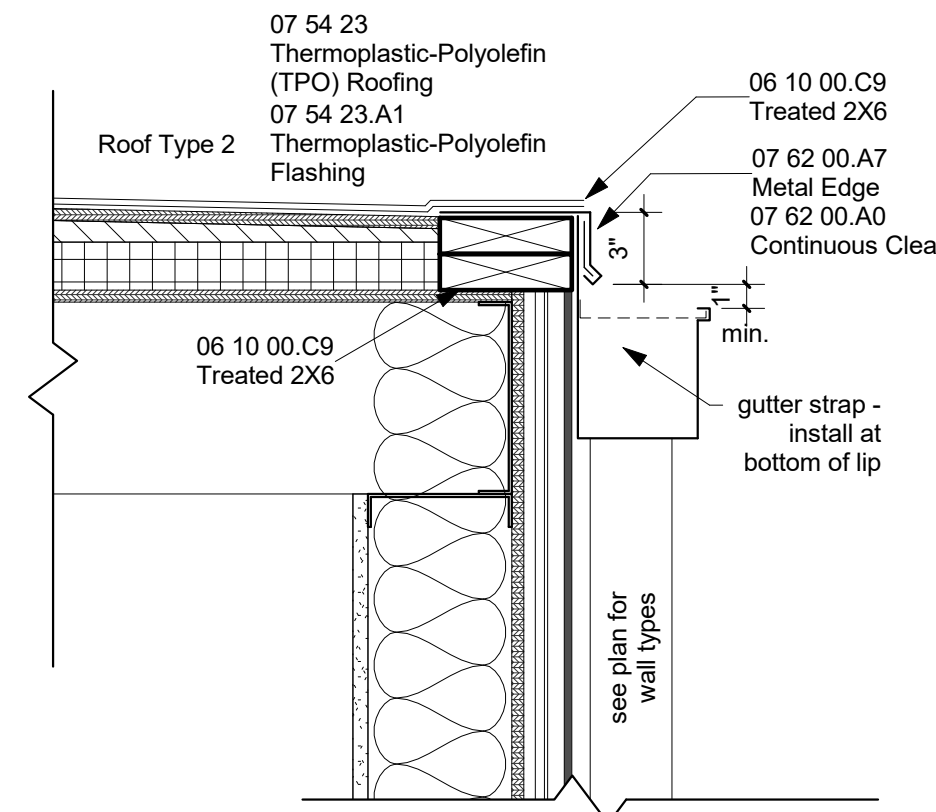
15 High Eave
1 1/2" = 1'-0"



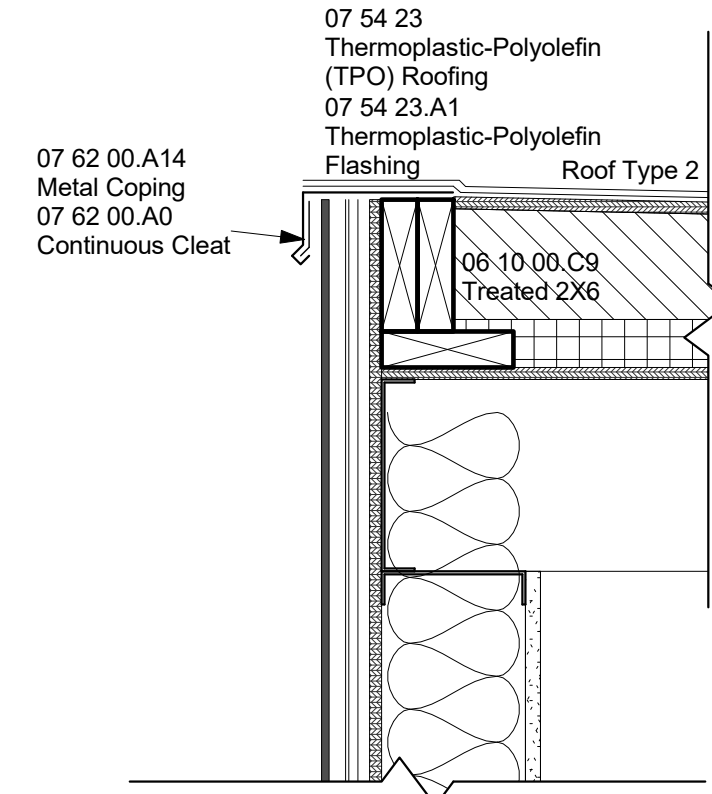
13 Low Eave
1 1/2" = 1'-0"



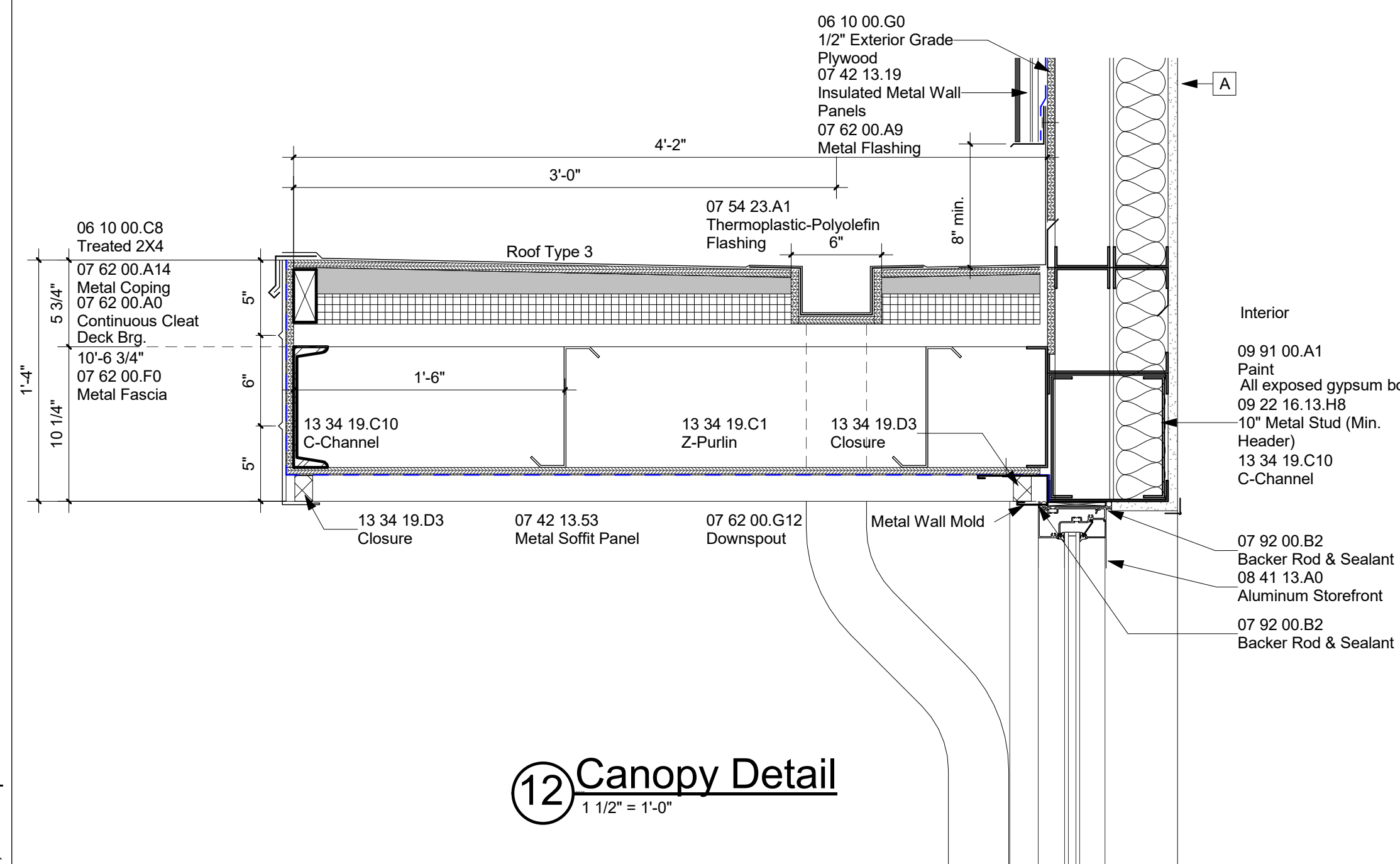
10 Metal Bldg - Rake
1 1/2" = 1'-0"



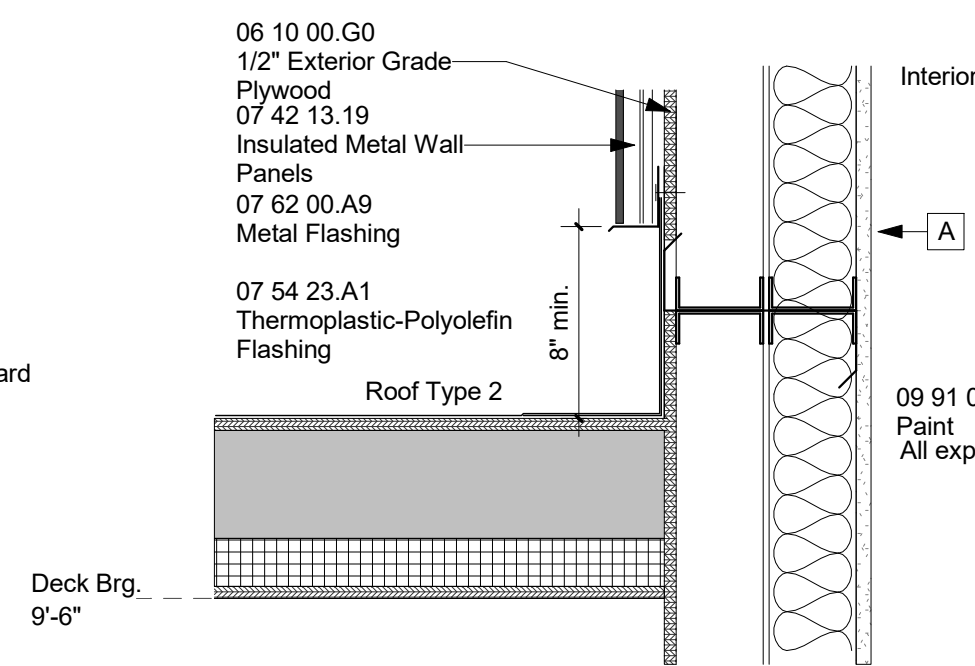
6 Roof Edge Detail
1 1/2" = 1'-0"



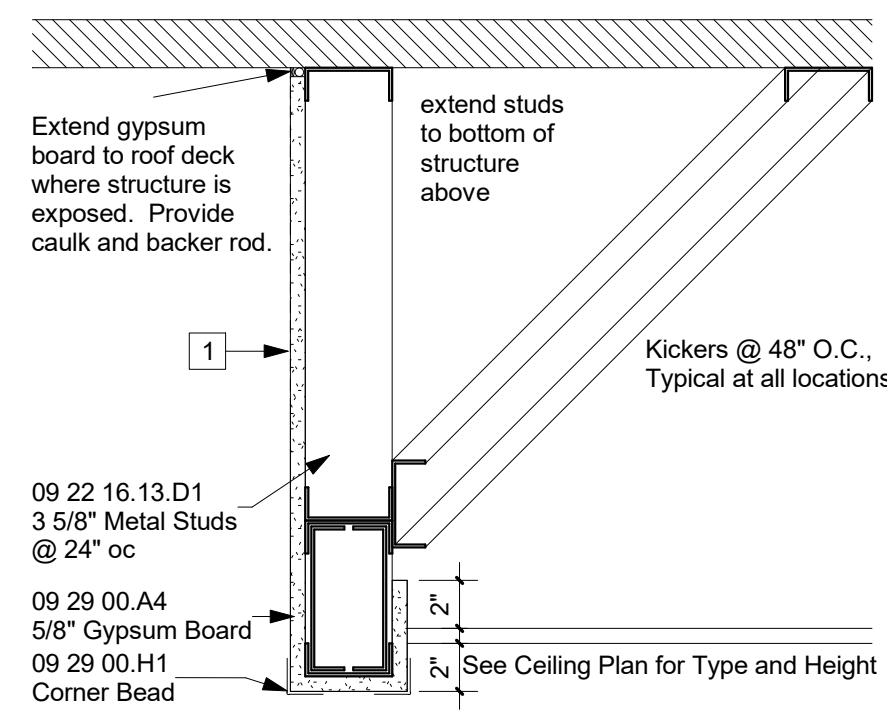
3 Roof Edge Detail
1 1/2" = 1'-0"



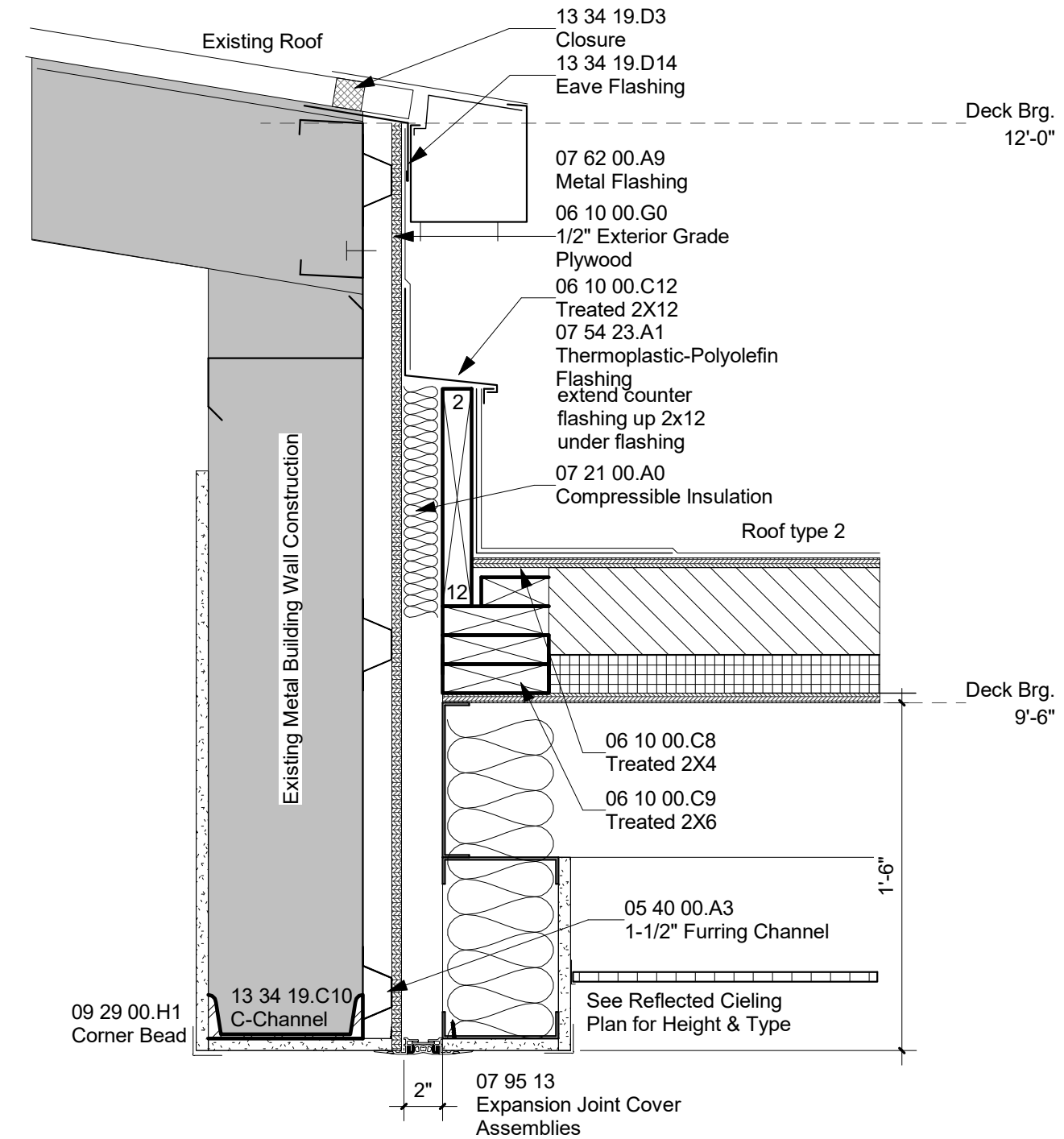
12 Canopy Detail
1 1/2" = 1'-0"



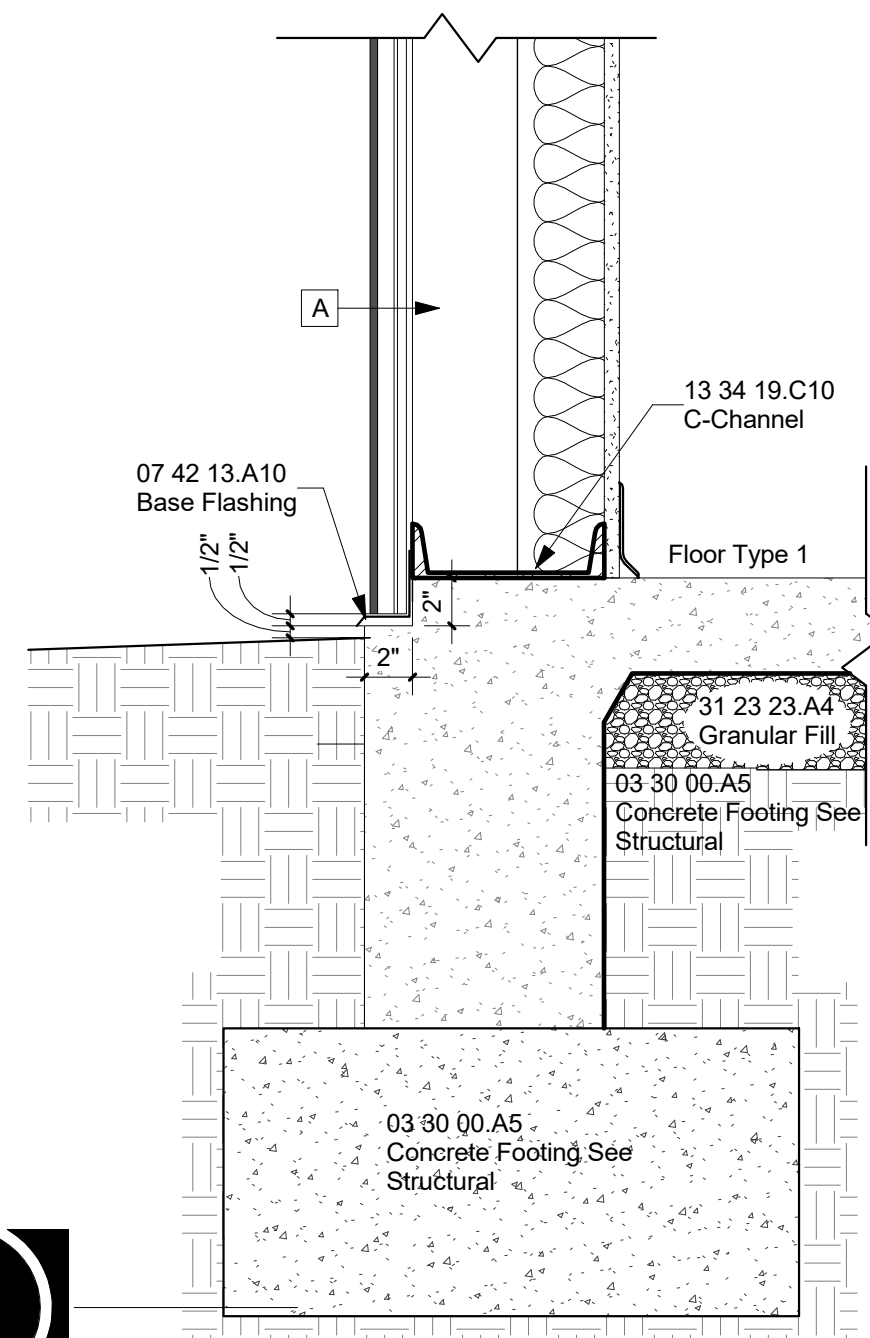
9 Roof to Wall Detail
1 1/2" = 1'-0"



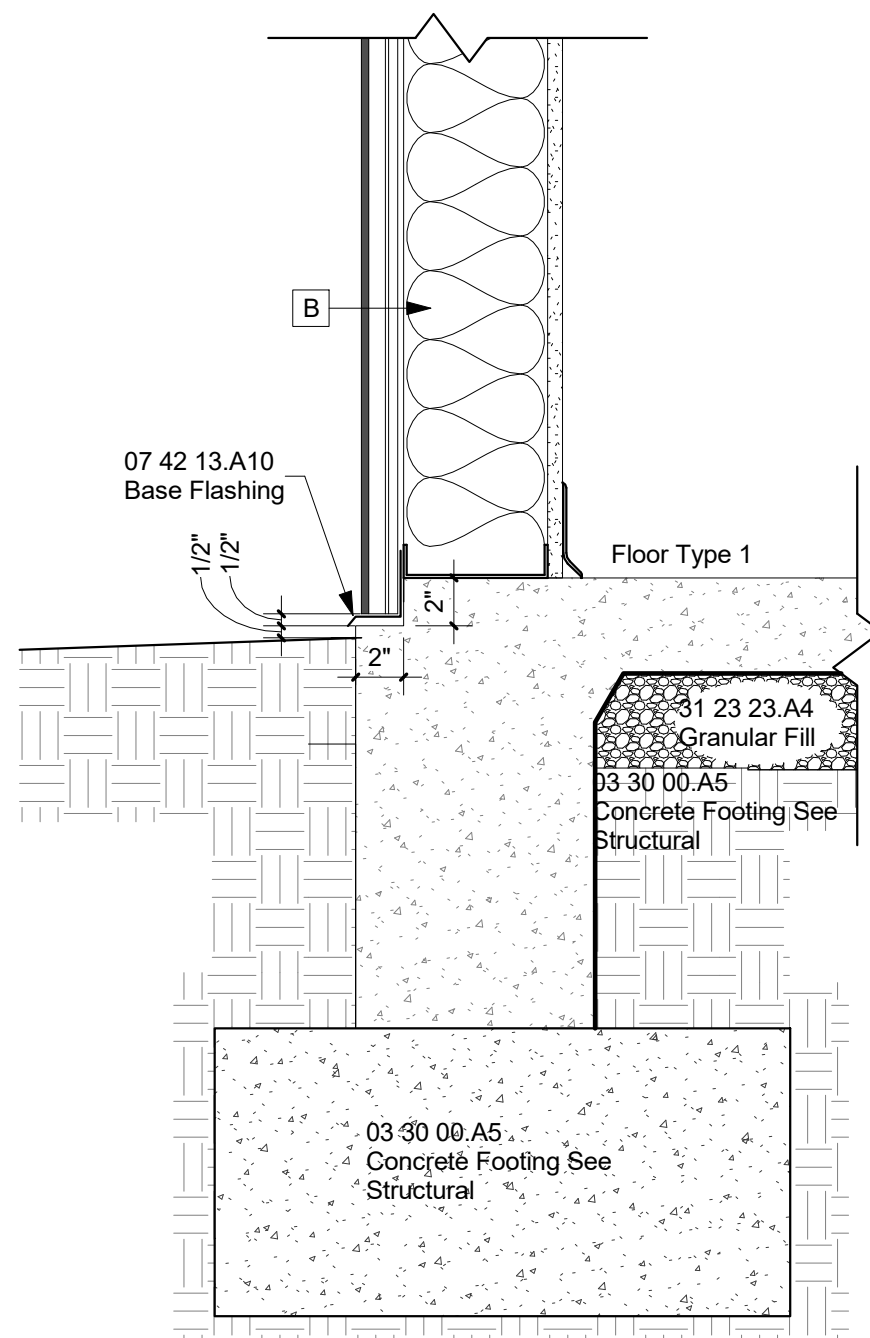
5 Ceiling Header
1 1/2" = 1'-0"



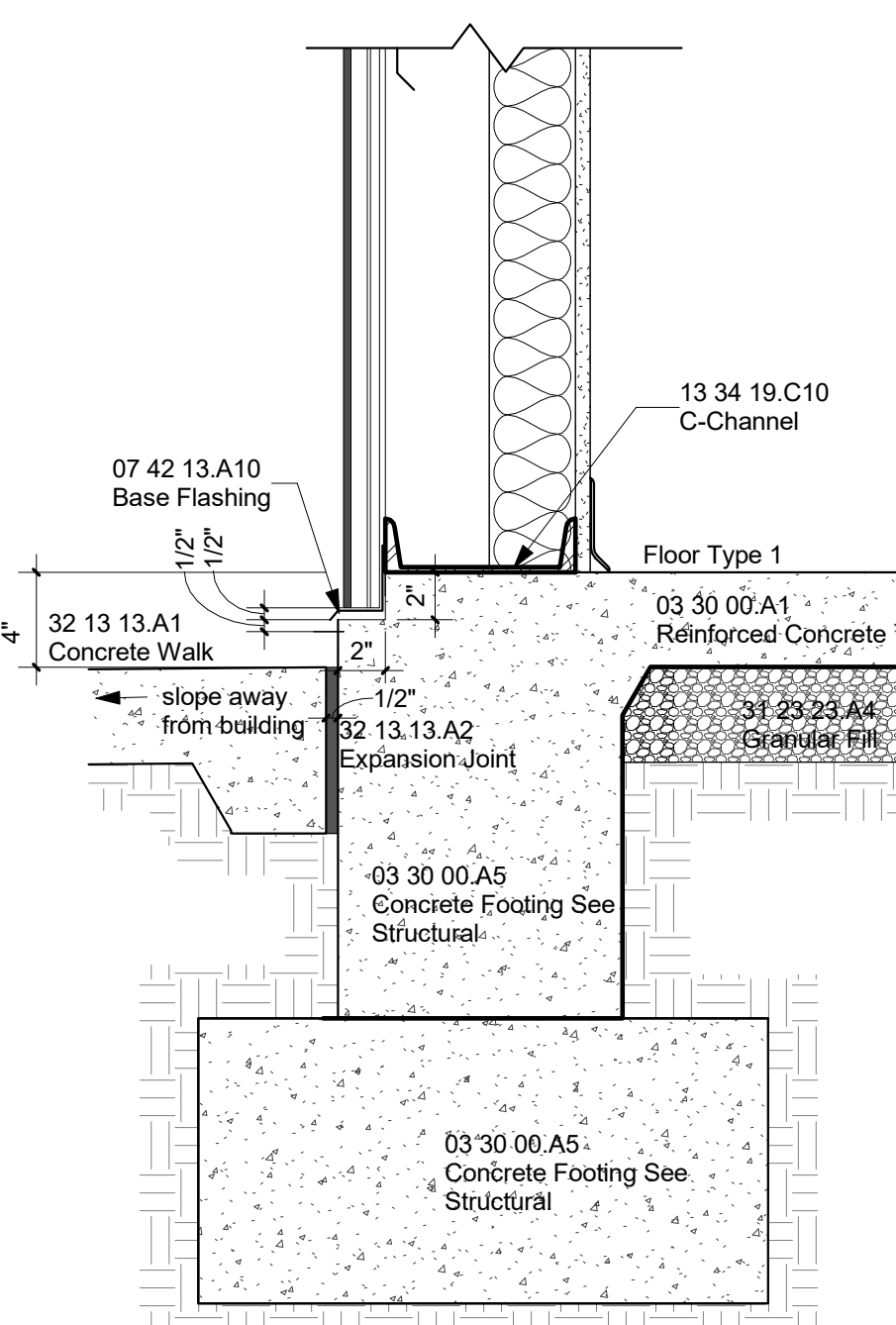
2 Roof to Wall Expansion
1 1/2" = 1'-0"



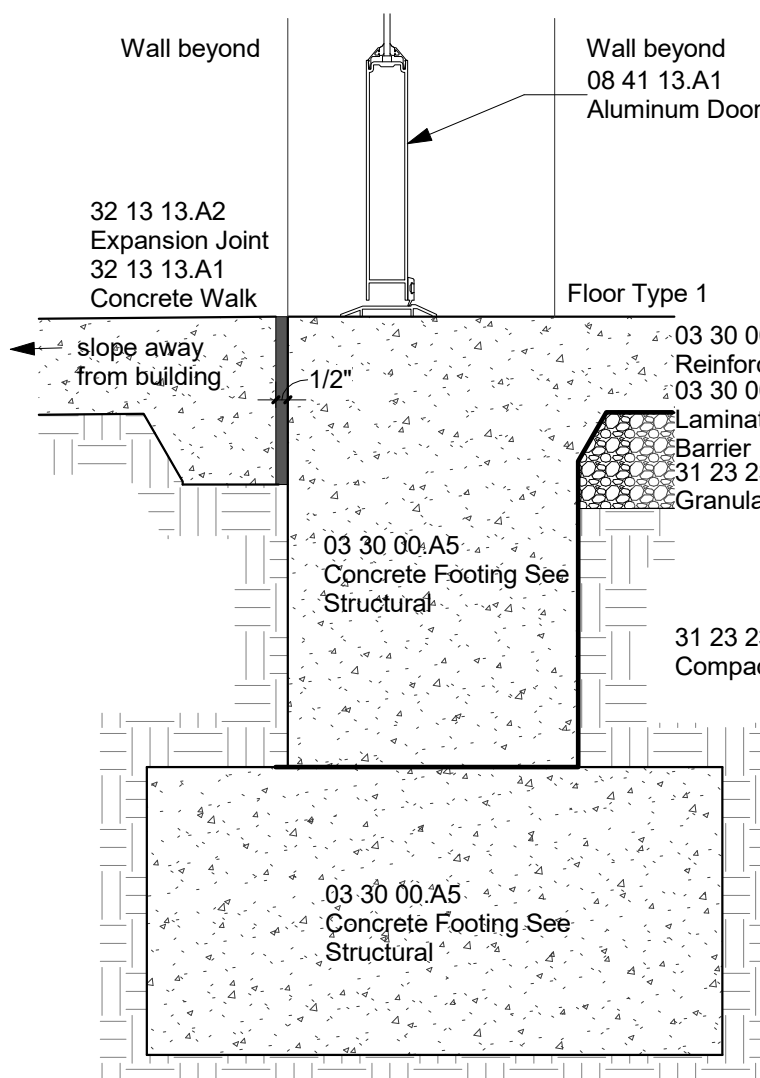
14 Detail
1 1/2" = 1'-0"



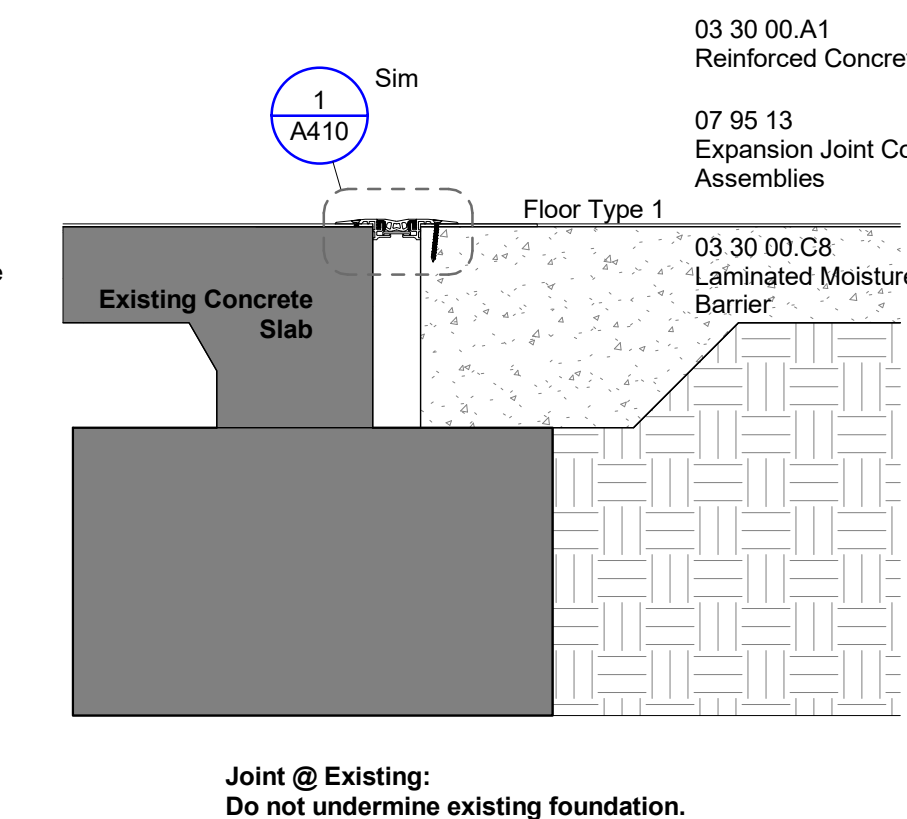
11 Detail
1 1/2" = 1'-0"



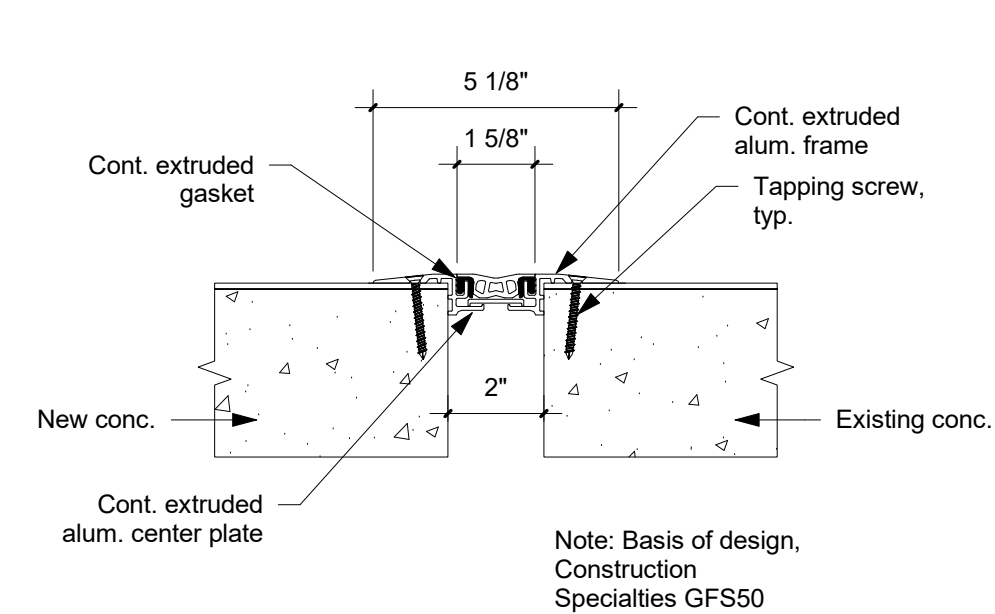
8 Footing @ Sidewalk
1 1/2" = 1'-0"



7 Footing @ Door
1 1/2" = 1'-0"



4 Concrete Slab Detail
1 1/2" = 1'-0"



1 Floor Expansion Detail 1
3" = 1'-0"

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Architecture

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Golden Triangle Regional Airport

FBO Expansion
FY2026 AIG#

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A410
Wall Section Details

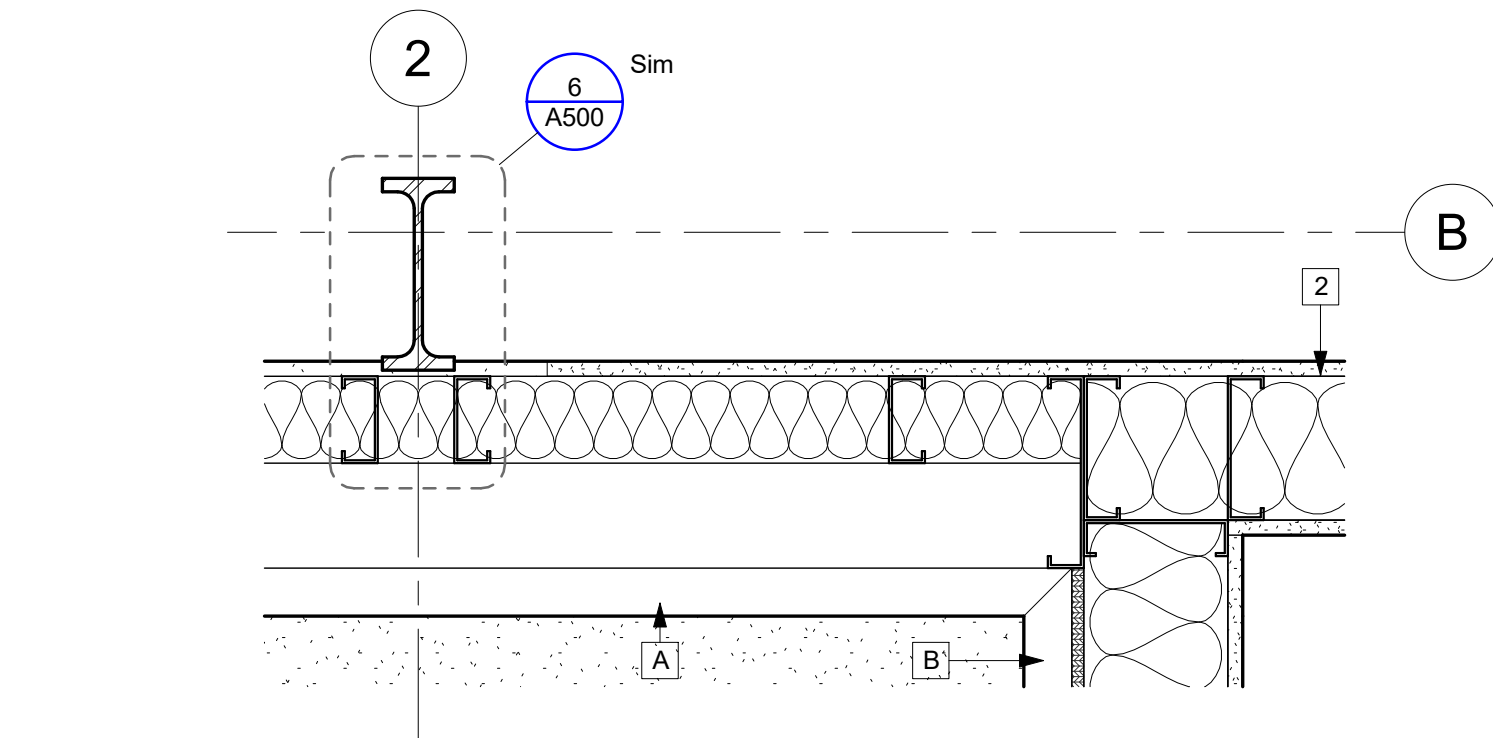
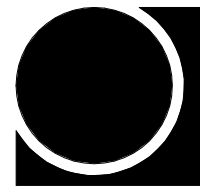
Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale: Project Number
As indicated 26002.00

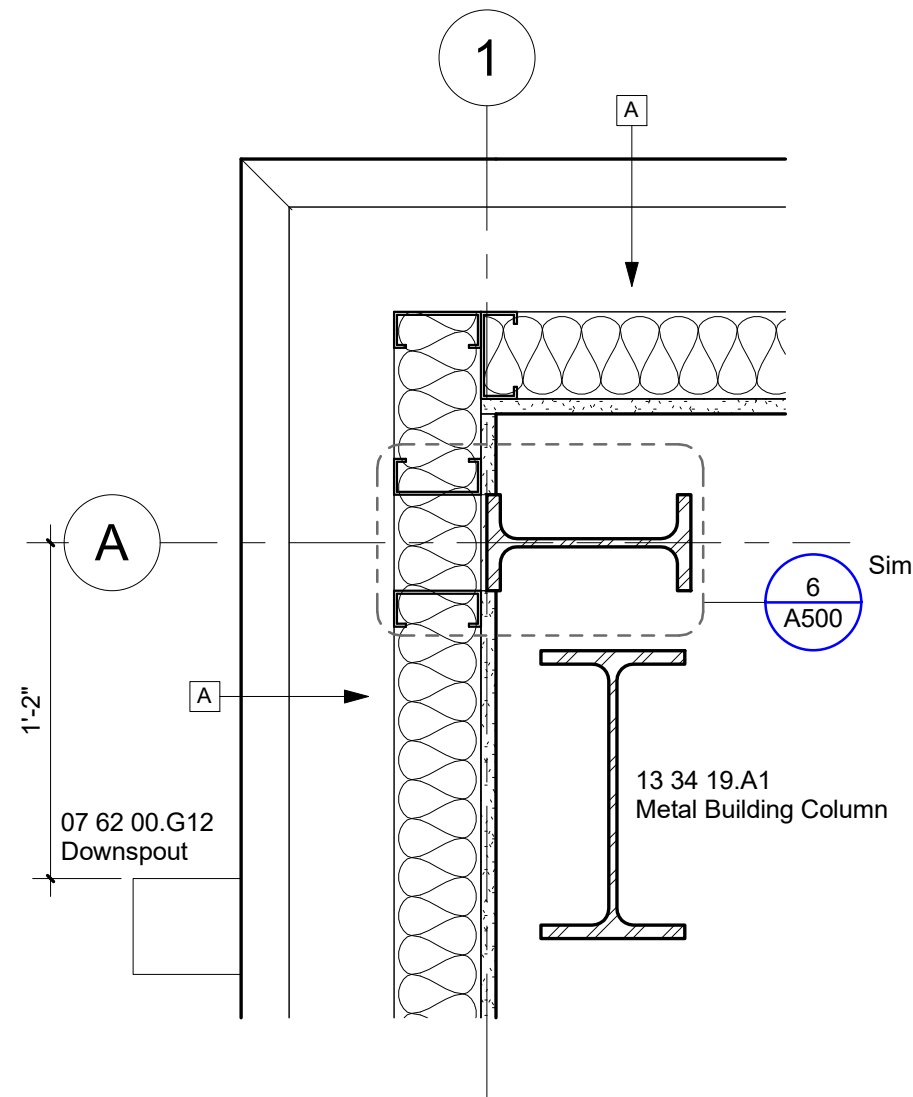
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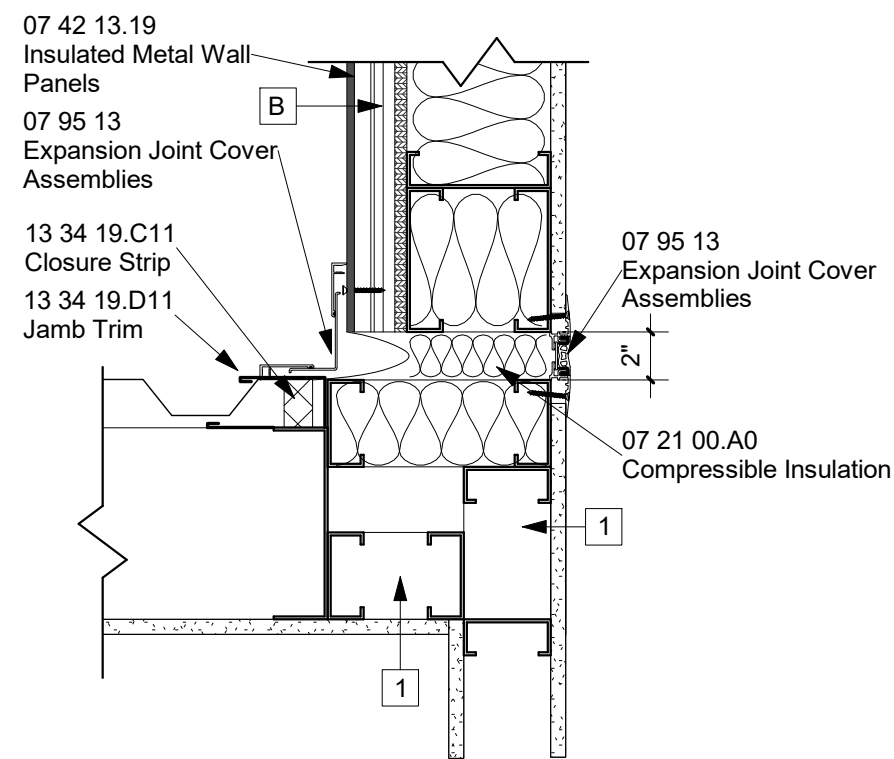
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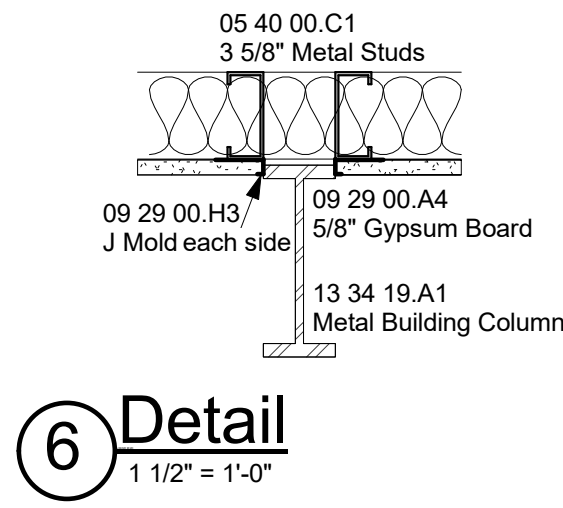
9 Detail
1 1/2" = 1'-0"



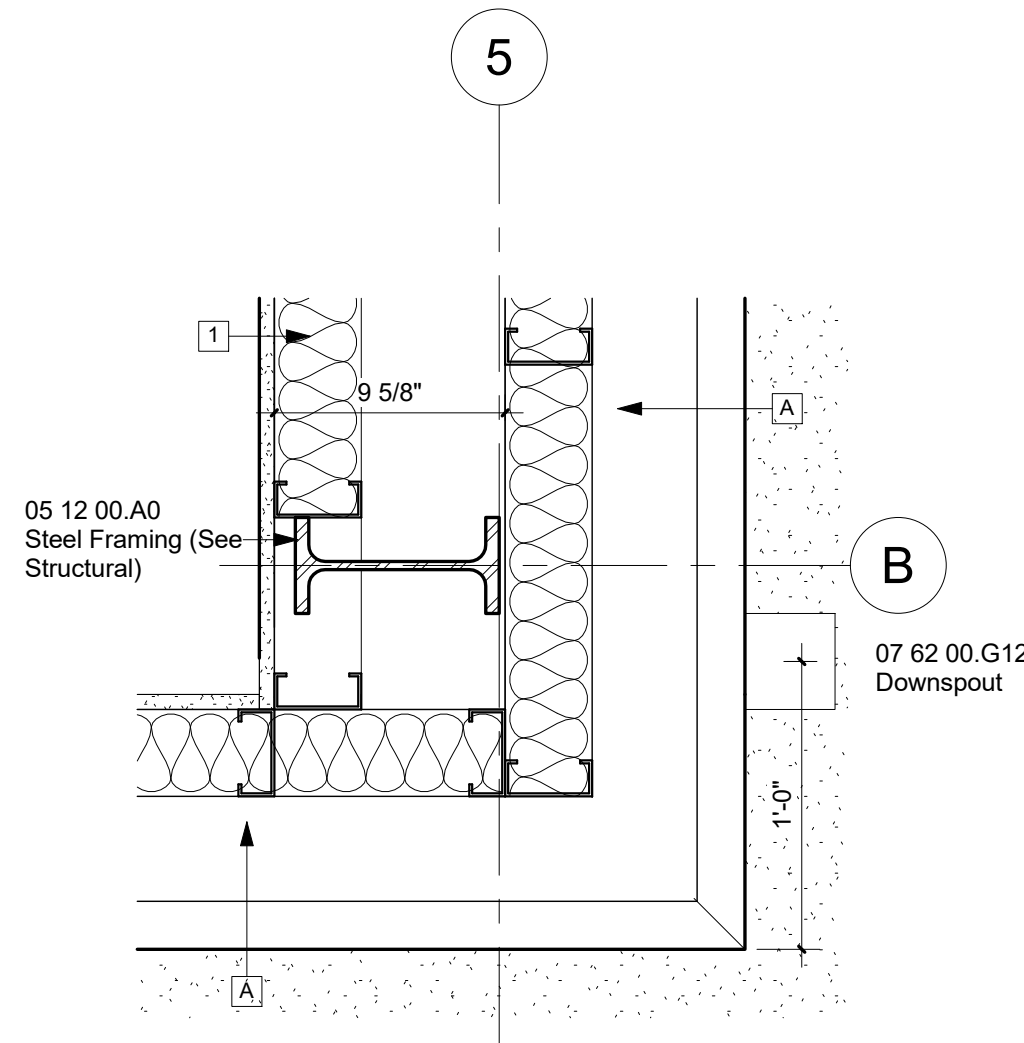
8 Detail
1 1/2" = 1'-0"



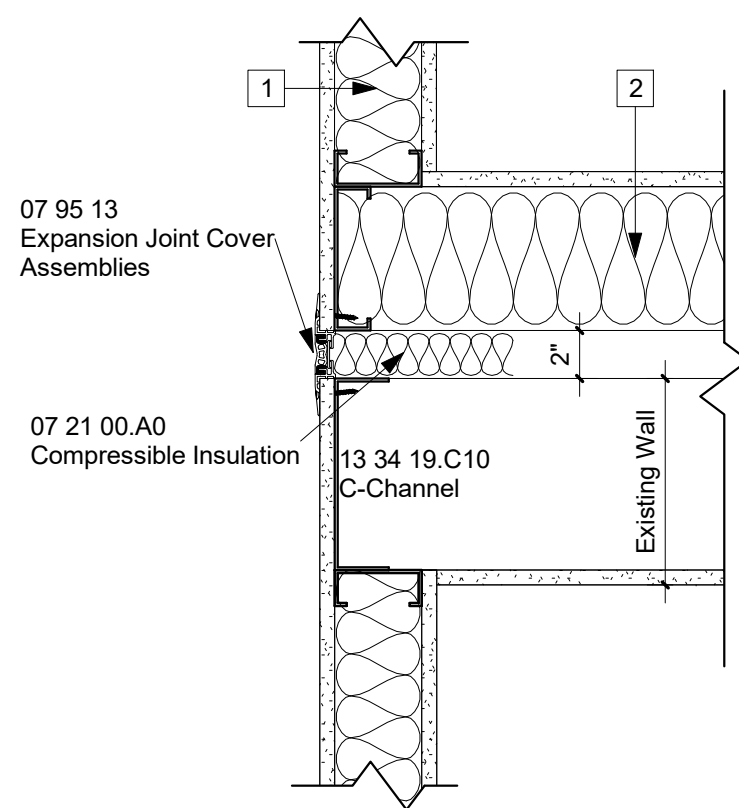
7 Bid
1 1/2" = 1'-0"



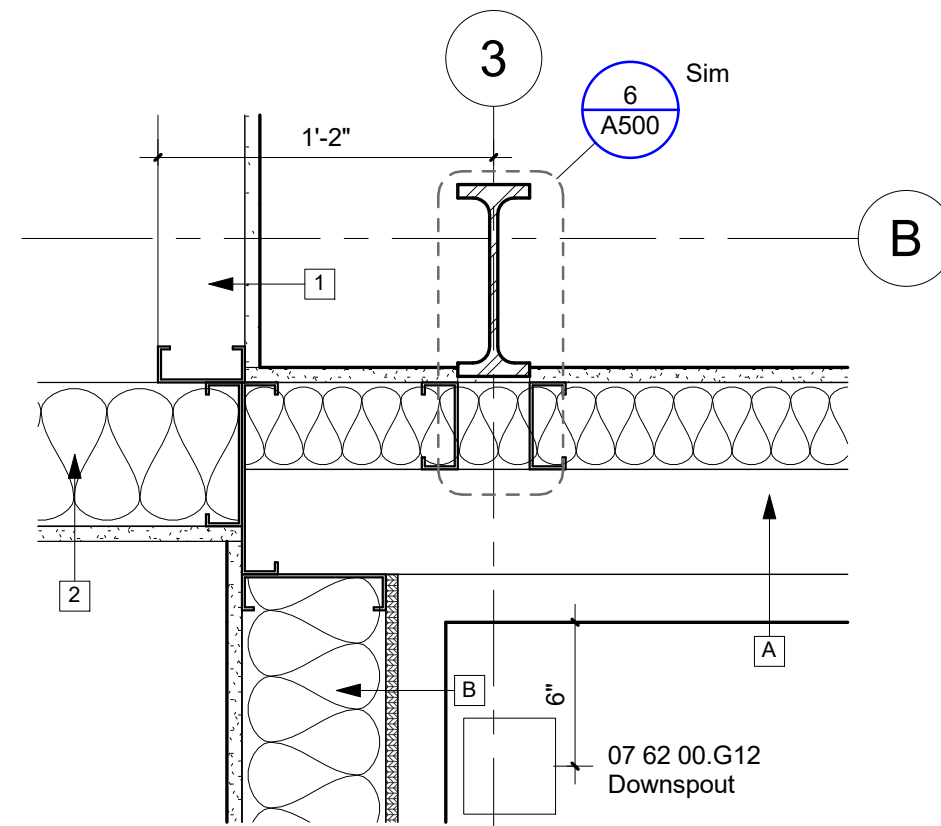
6 Detail
1 1/2" = 1'-0"



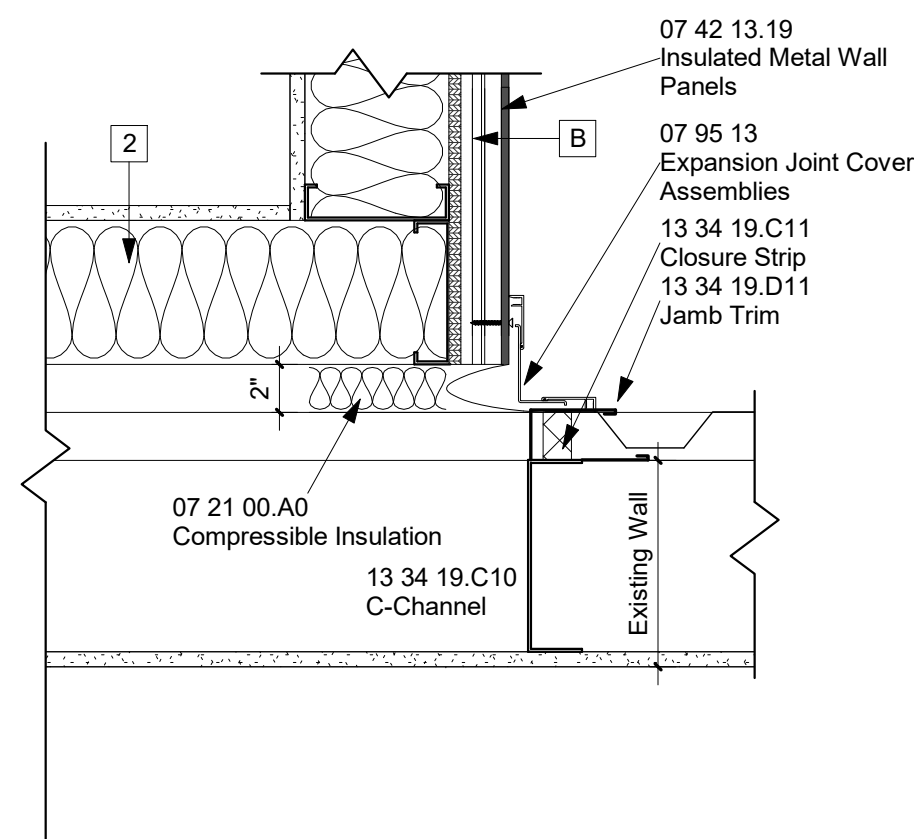
5 Detail
1 1/2" = 1'-0"



4 Expansion Joint
1 1/2" = 1'-0"

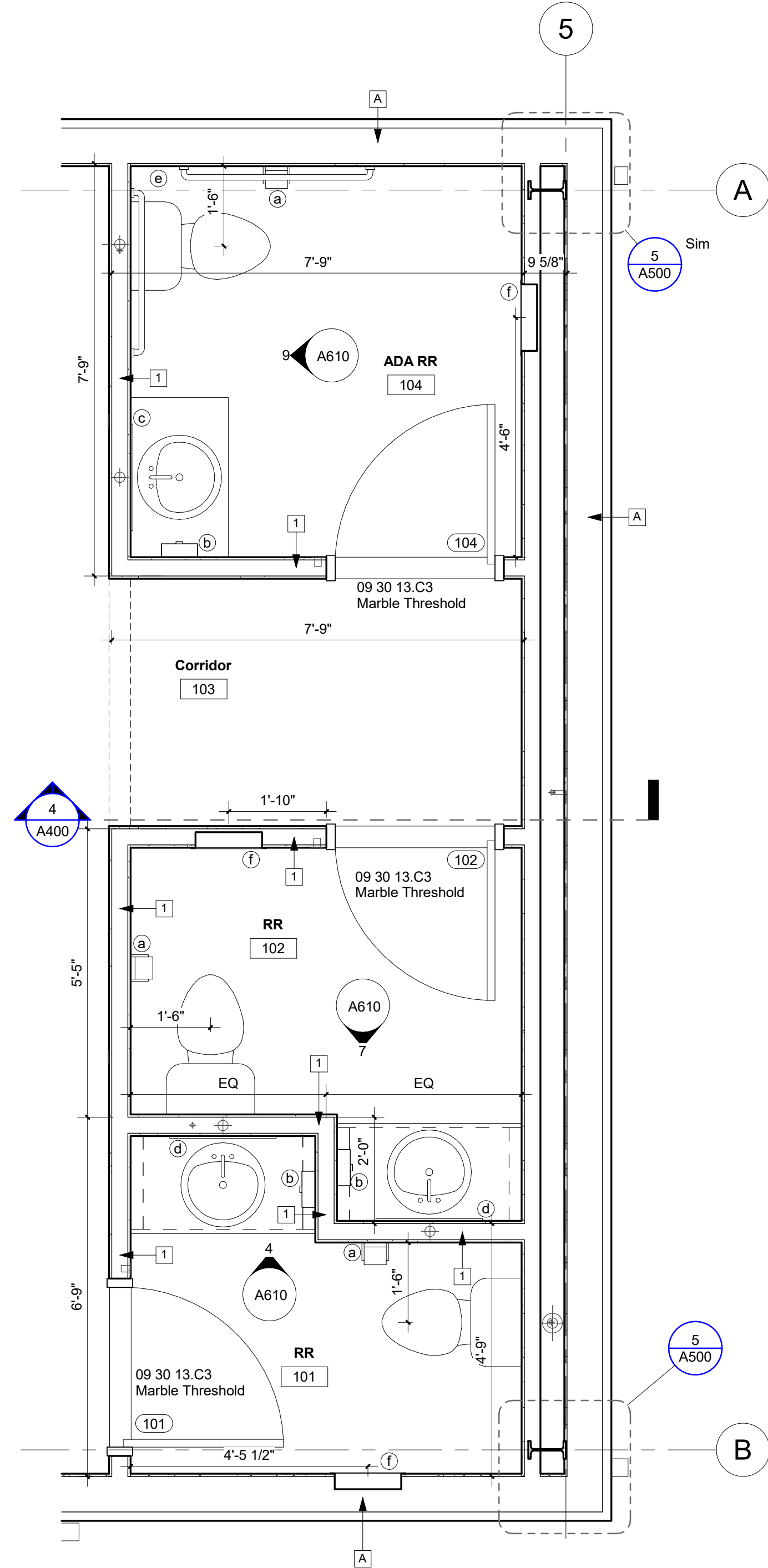


3 Detail
1 1/2" = 1'-0"



2 Bid
1 1/2" = 1'-0"

Toilet Accessories Legend		
Type Mark	Description	Notes
a	Toilet Paper Dispenser	
b	Wall Mounted Soap Dispenser	
c	ADA Mirror (24"x36")	
d	Mirror (24"x36")	
e	Grab Bars	
f	Paper Towel Dispenser with Trash Receptacle	



1 Large Scale Plan - RR
1/2" = 1'-0"

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FBO Expansion
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A500
Large Scale Plans

Drawn By: TW
Checked By: BW
Date: April 7, 2026

Scale: As indicated
Project Number: 26002.00

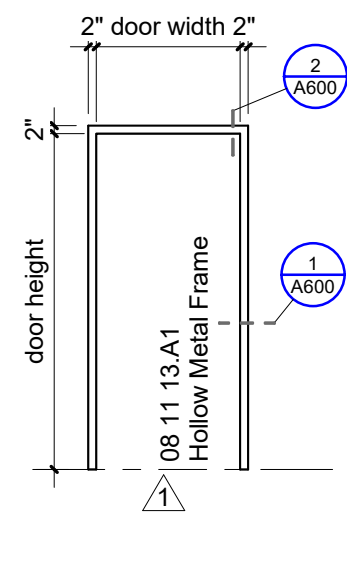
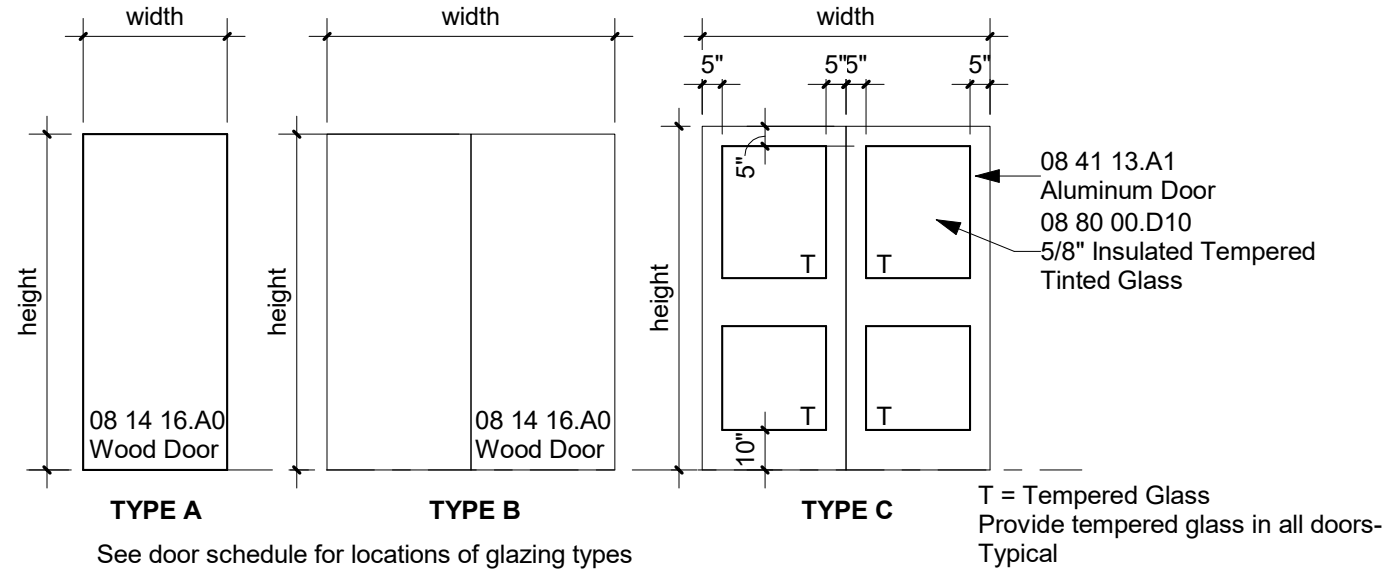
26002.00

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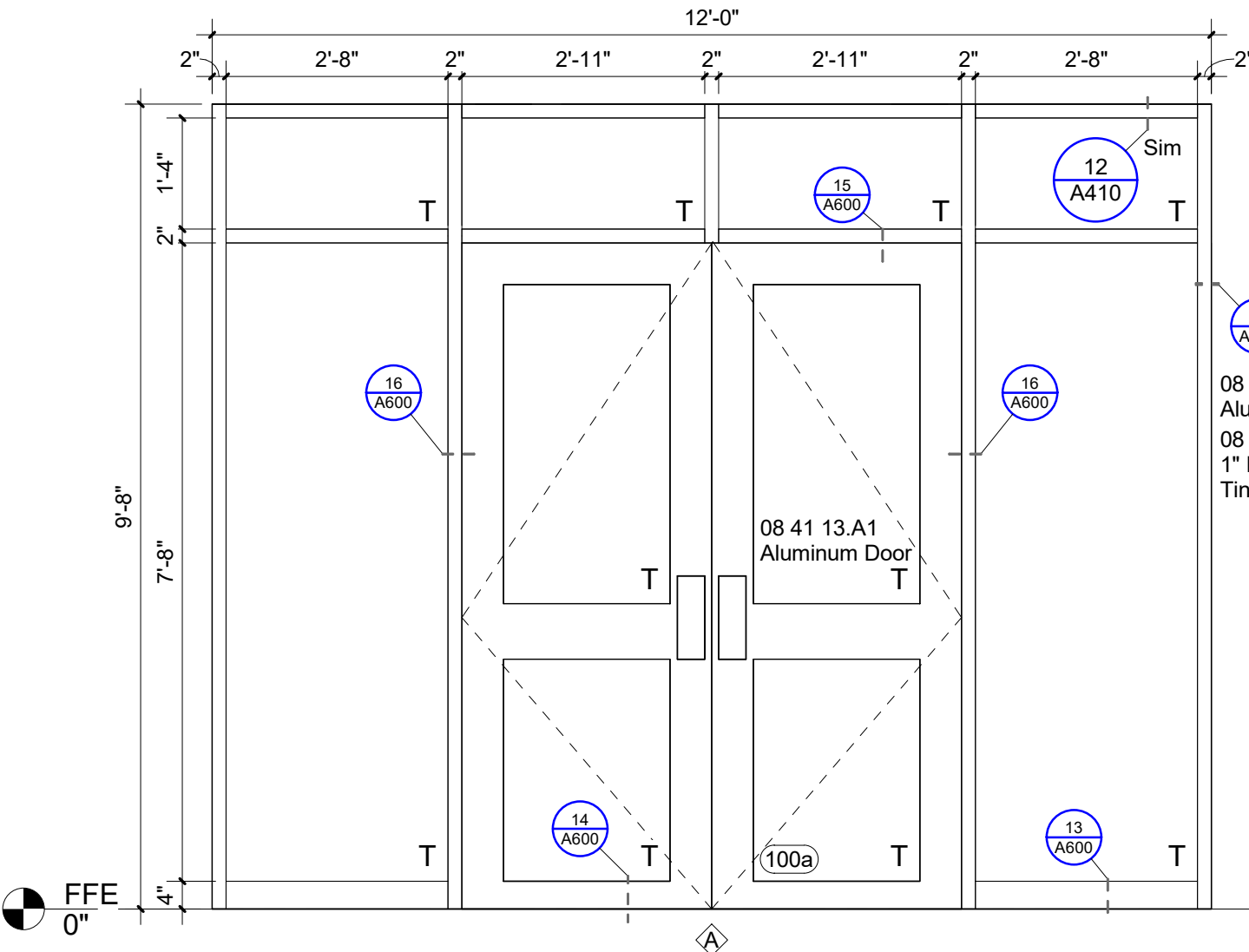
Door and Frame Schedule Copy 1															
Door No.	Door						Frame						Fire Rating Label	Notes	
	Size			Finish	Mtl.	Elev.	Elev.	Mtl.	Finish	Details					
	W	H	Thk							Head	Jamb	Sill			
100a	6'-0"	8'-0"	1 1/2"	-	Alum.	C	-	Alum.	-	PTD.	15/A600	16/A600	14/A600		5
100b	6'-0"	8'-0"	1 1/2"	-	Alum.	C	-	Alum.	-	PTD.	15/A600	16/A600	14/A600		1,2,3
101	3'-0"	7'-0"	1 3/4"	Clear	WD	A	1	HM	PTD.		2/A600	1/A600	-		4
102	3'-0"	7'-0"	1 3/4"	Clear	WD	A	1	HM	PTD.		2/A600	1/A600	-		4
104	3'-0"	7'-0"	1 3/4"	Clear	WD	A	1	HM	PTD.		2/A600	1/A600	-		4
105	6'-0"	7'-0"	1 3/4"	Clear	WD	B	1	HM	PTD.		6/A600	5/A600	-		-
106	6'-0"	7'-0"	1 3/4"	Clear	WD	B	1	HM	PTD.		2/A600	1/A600	-		5

- Notes:
- Mag-lock with keyed back-up.
 - Card reader on interior side.
 - Push-to-open button on exterior side.
 - Occupancy indicator.
 - Keyed only

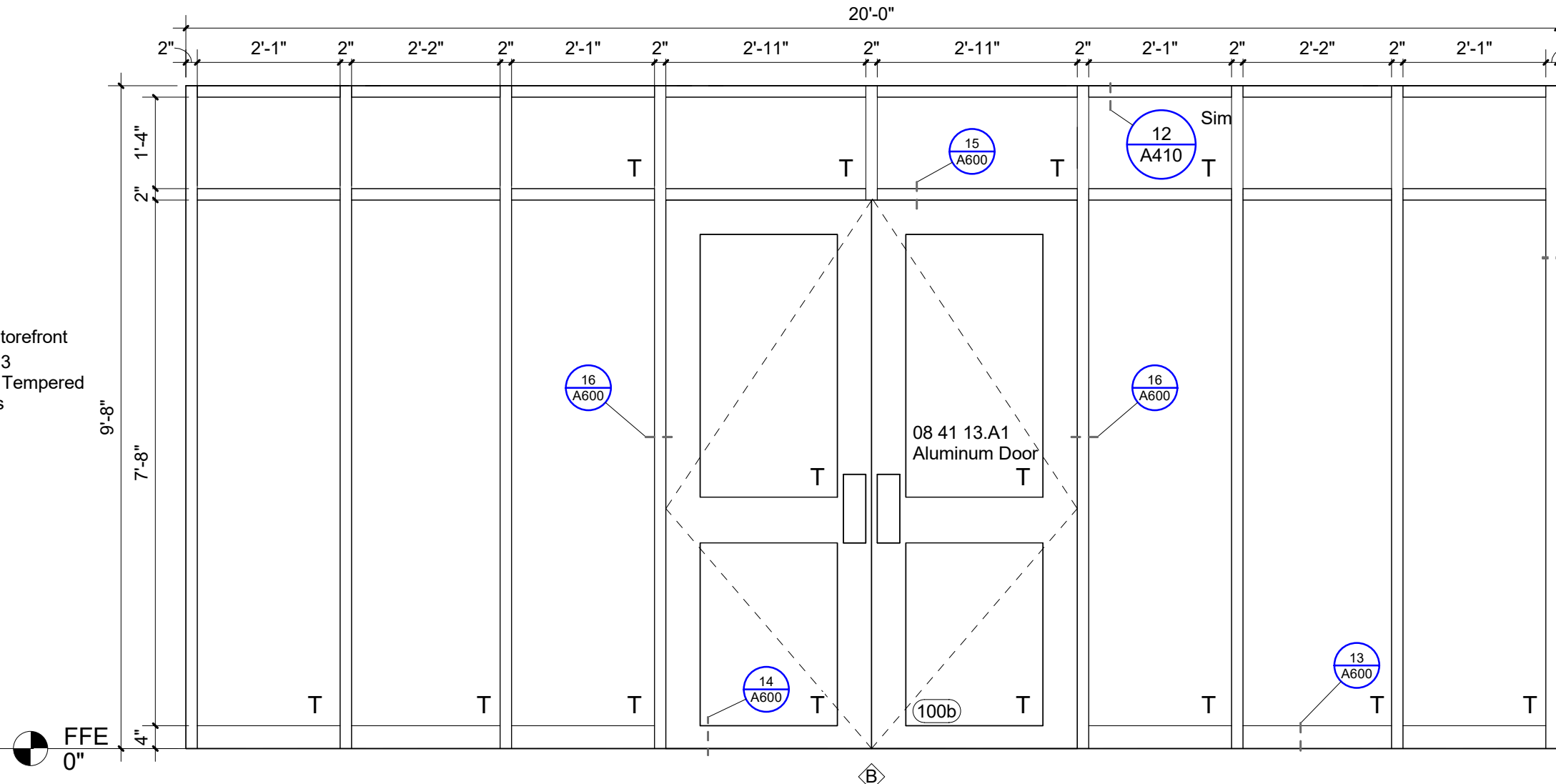


23 Door Types
1/4" = 1'-0"

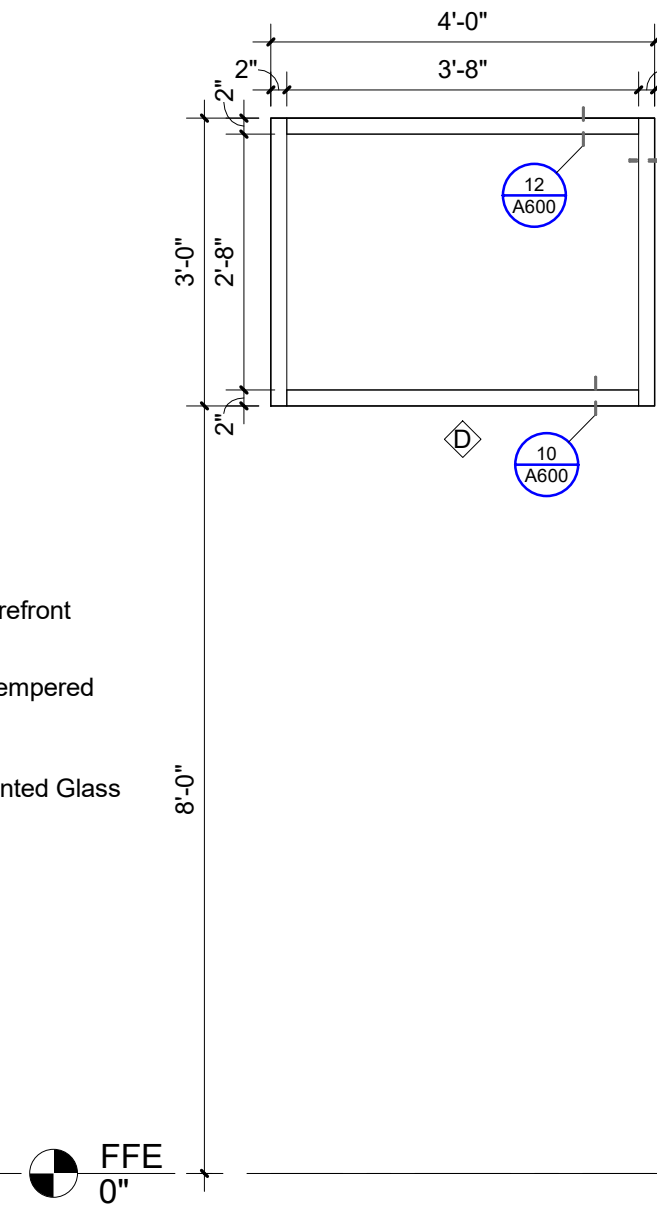
22 Frame Types
1/4" = 1'-0"



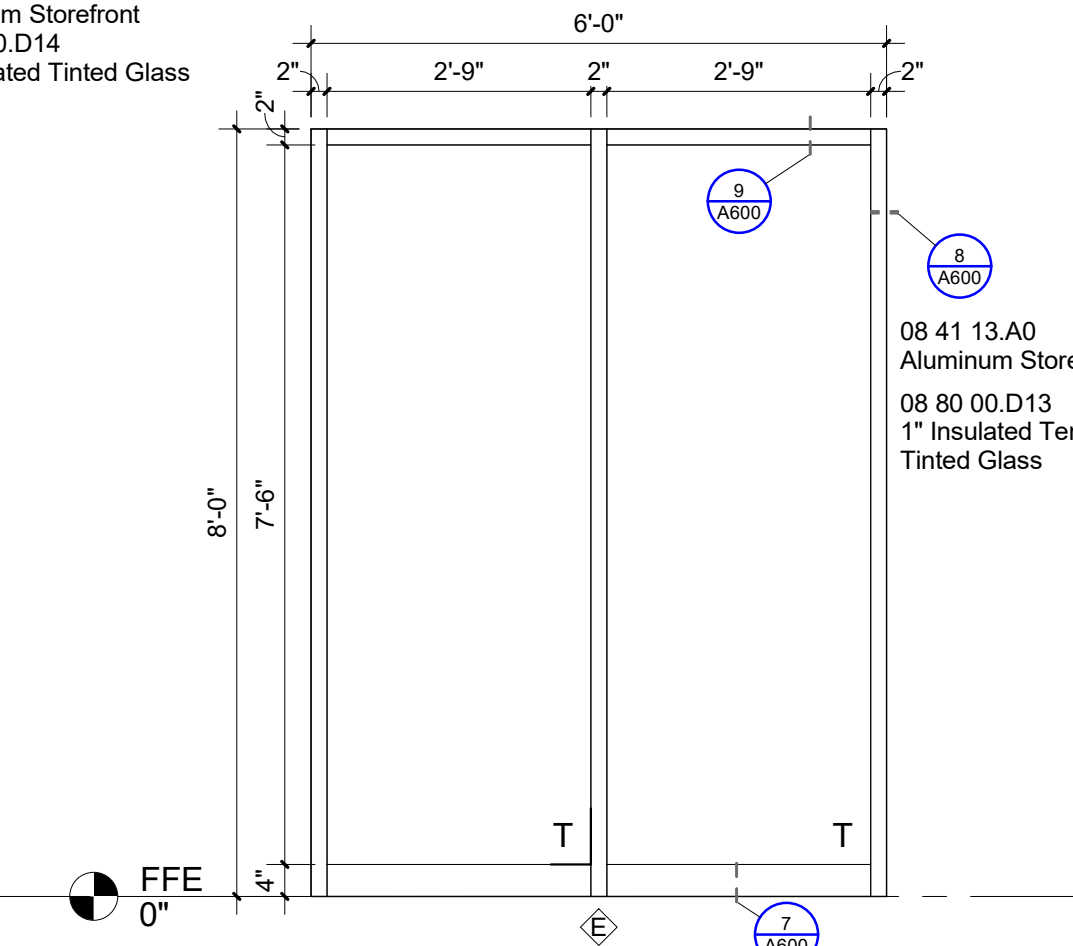
21 Storefront A
1/2" = 1'-0"



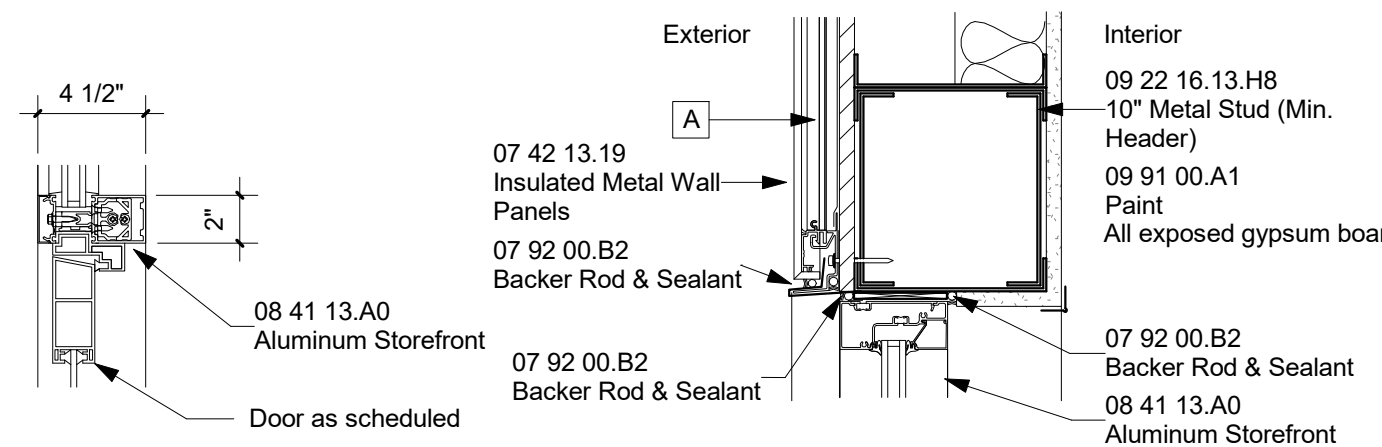
20 Storefront B
1/2" = 1'-0"



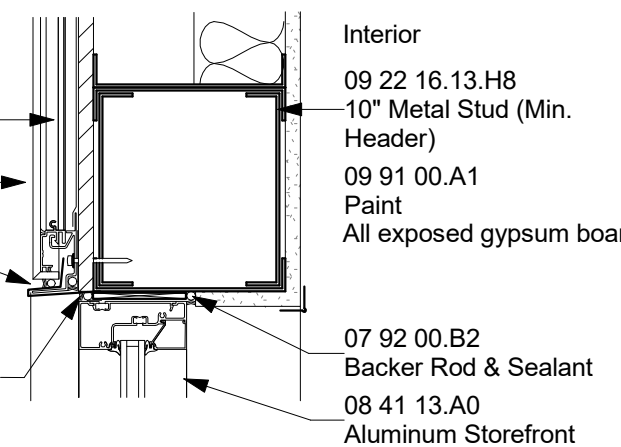
18 Storefront D
1/2" = 1'-0"



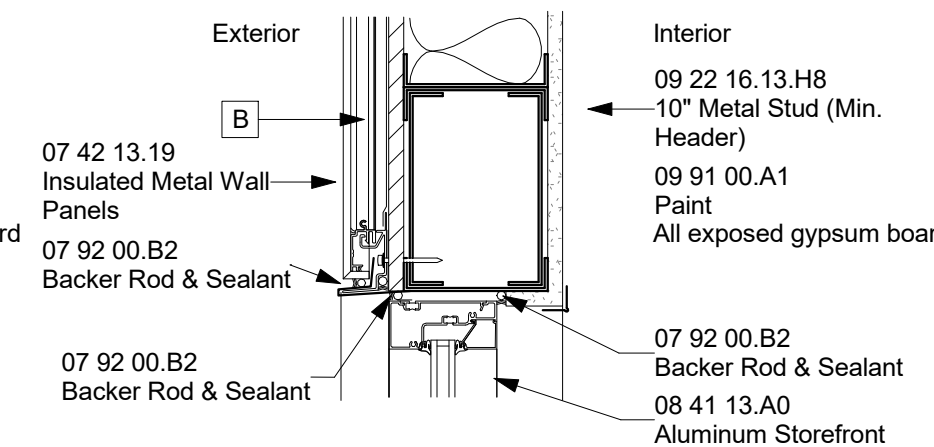
17 Storefront E
1/2" = 1'-0"



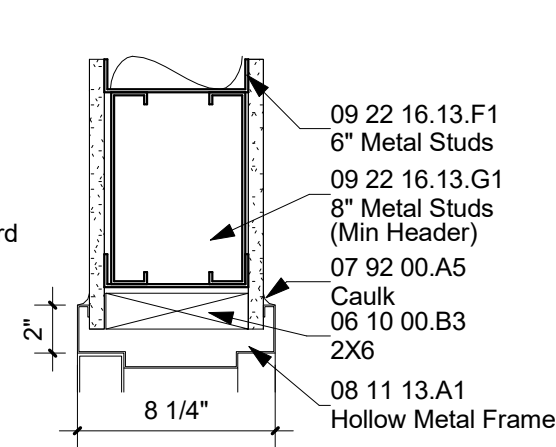
15 Head
1 1/2" = 1'-0"



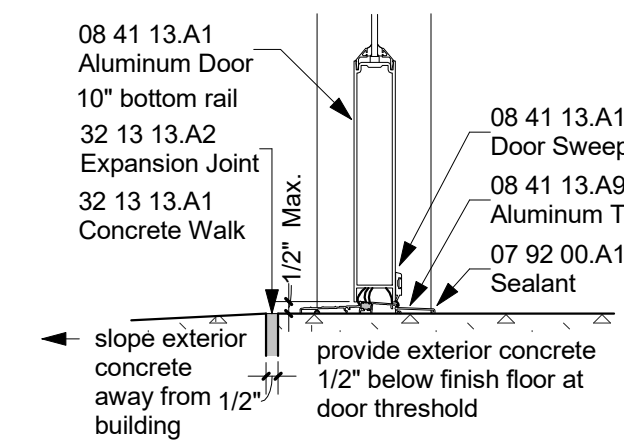
12 Head
1 1/2" = 1'-0"



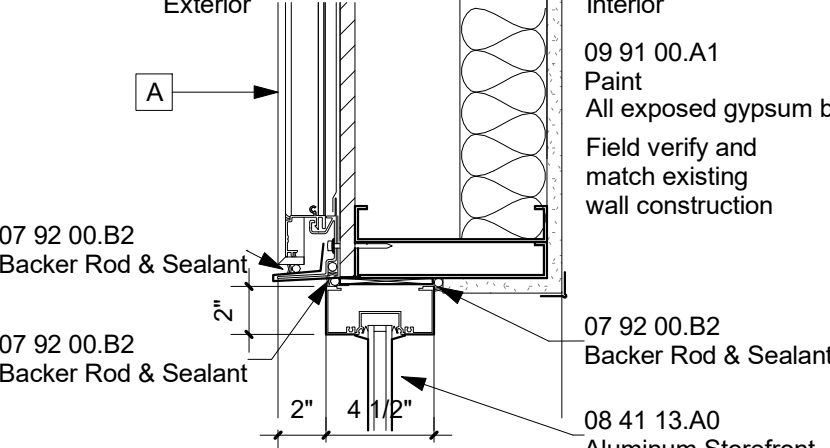
9 Head
1 1/2" = 1'-0"



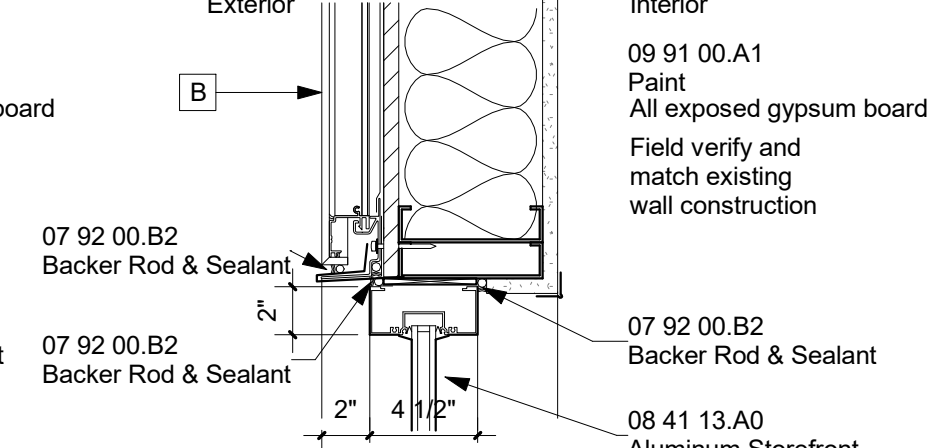
6 Head
1 1/2" = 1'-0"



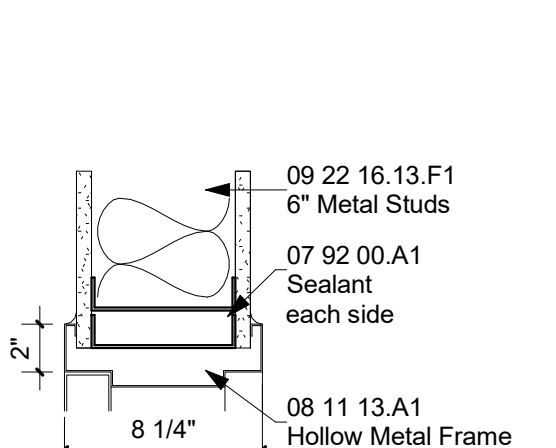
14 Sill
1 1/2" = 1'-0"



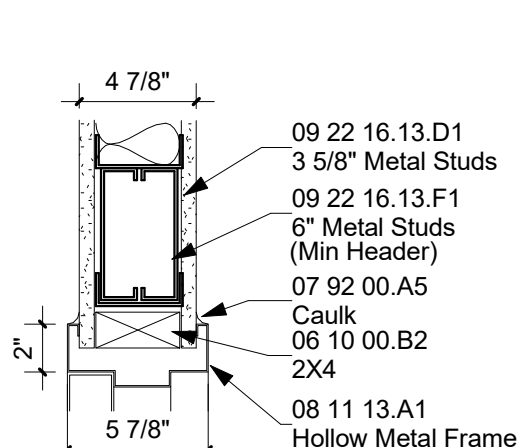
11 Jamb
1 1/2" = 1'-0"



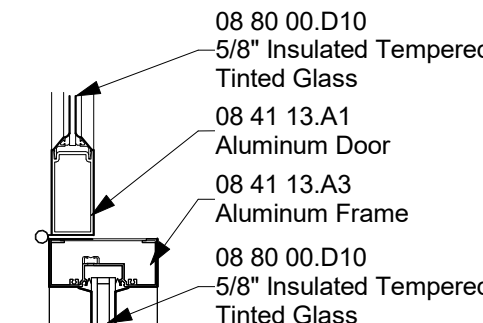
8 Jamb
1 1/2" = 1'-0"



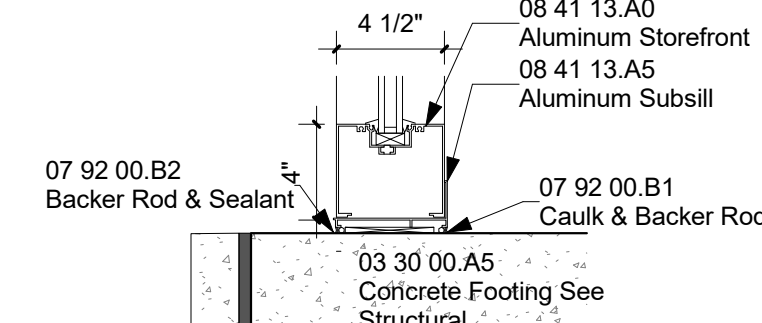
5 Jamb
1 1/2" = 1'-0"



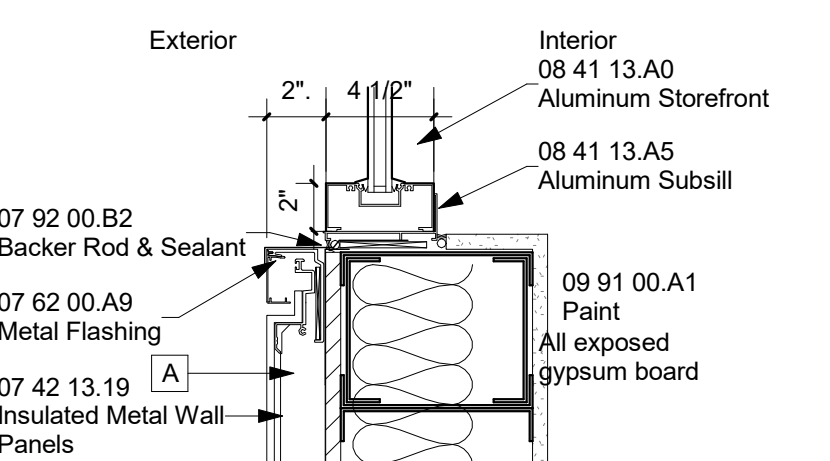
2 Head
1 1/2" = 1'-0"



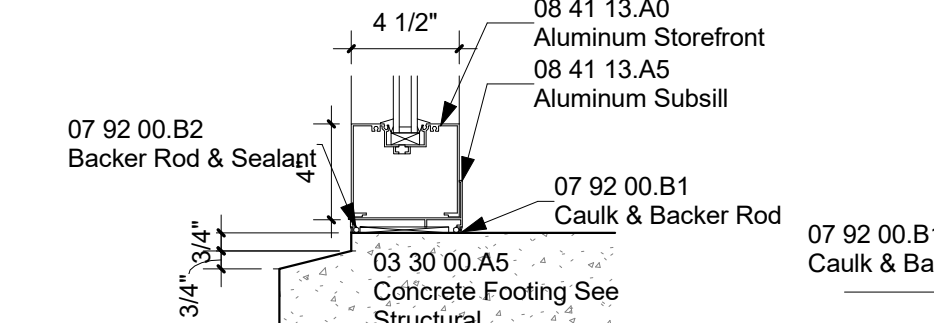
16 Jamb
1 1/2" = 1'-0"



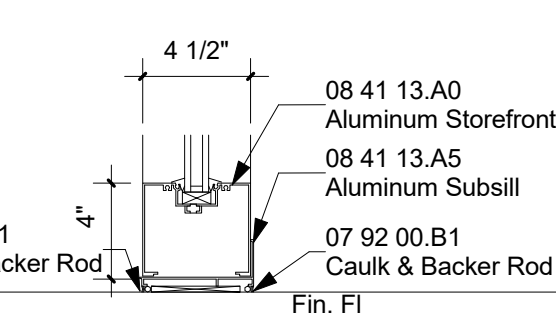
13 Sill
1 1/2" = 1'-0"



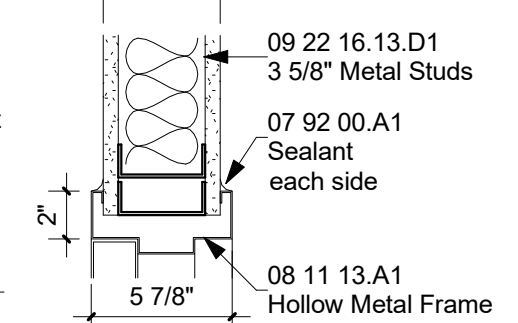
10 Sill
1 1/2" = 1'-0"



7 Sill
1 1/2" = 1'-0"



4 Sill
1 1/2" = 1'-0"



1 Jamb
1 1/2" = 1'-0"

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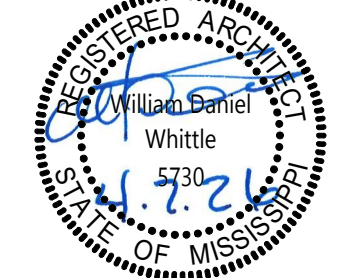
FBO Expansion
FY2026 AIG#

Revisions

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Golden Triangle Regional Airport

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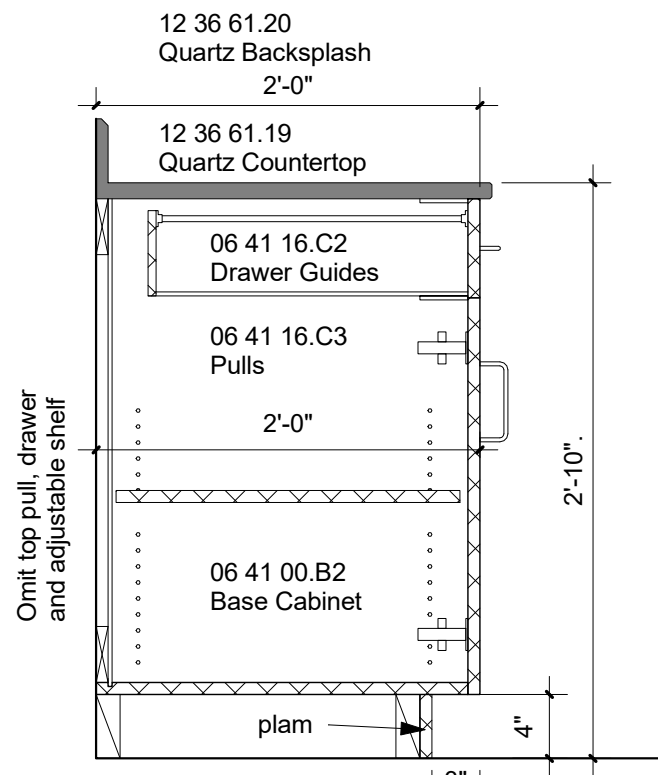
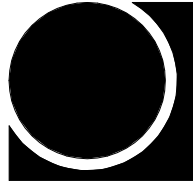
Columbus, MS

A600
Doors & Windows

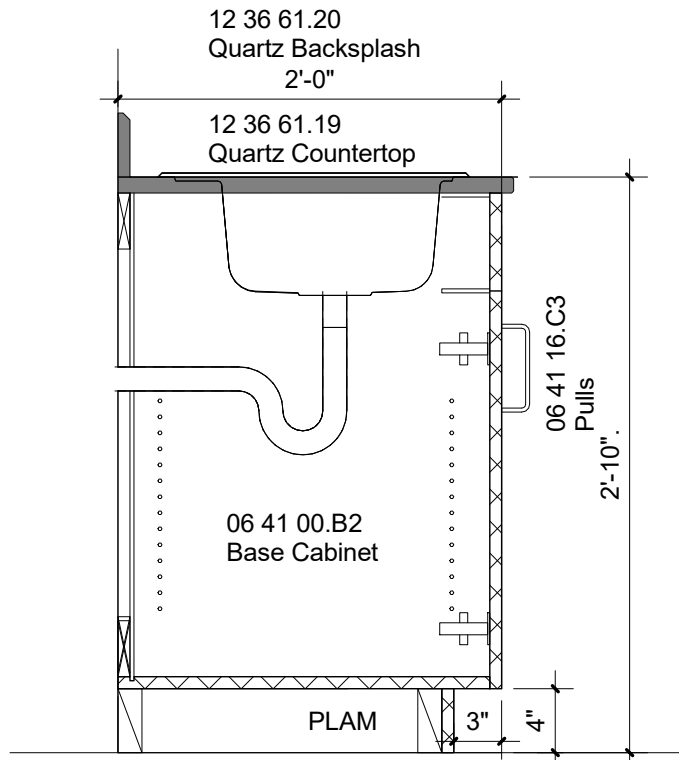
Drawn By TW Checked By BW Date April 7, 2026

Scale As indicated Project Number 26002.00

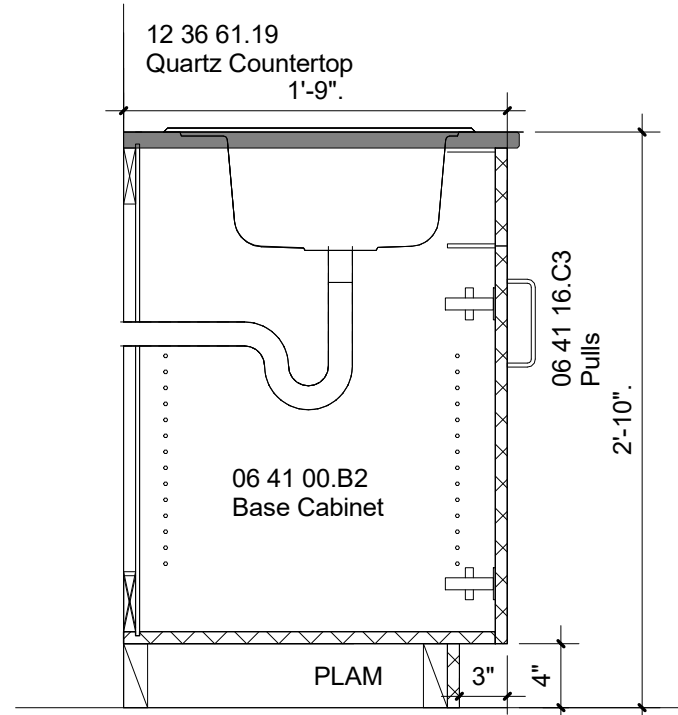
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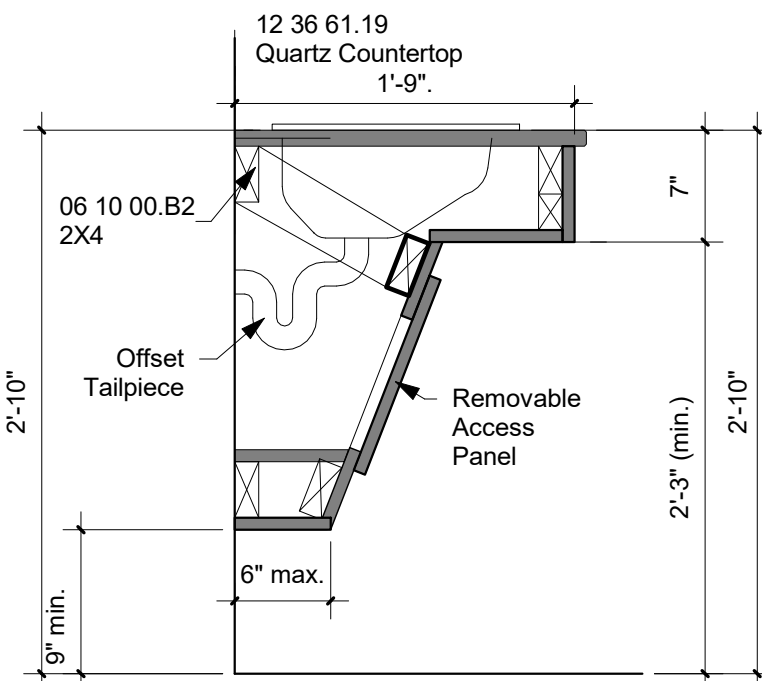
10 Base Cabinet
1" = 1'-0"



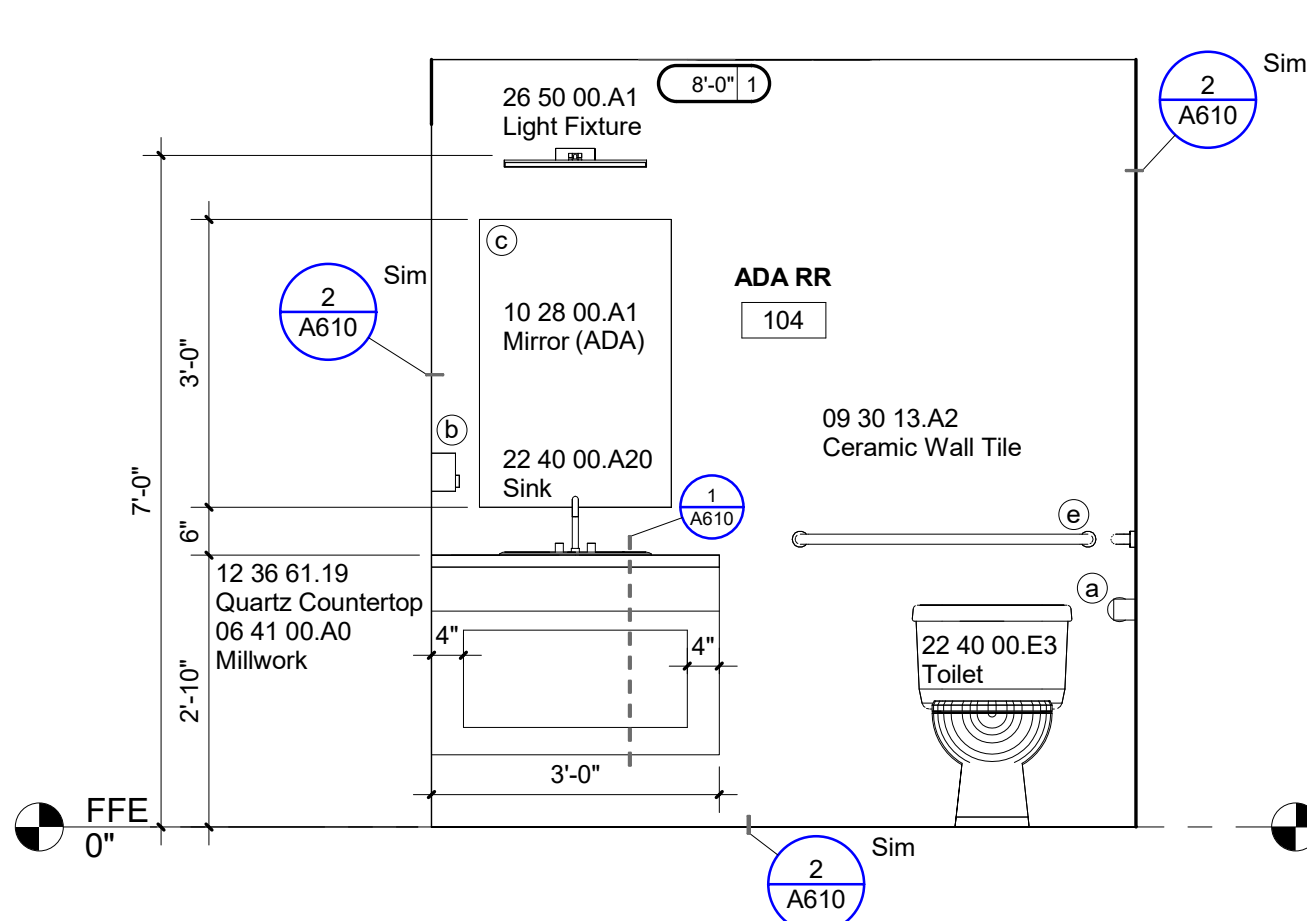
8 Sink Cabinet
1" = 1'-0"



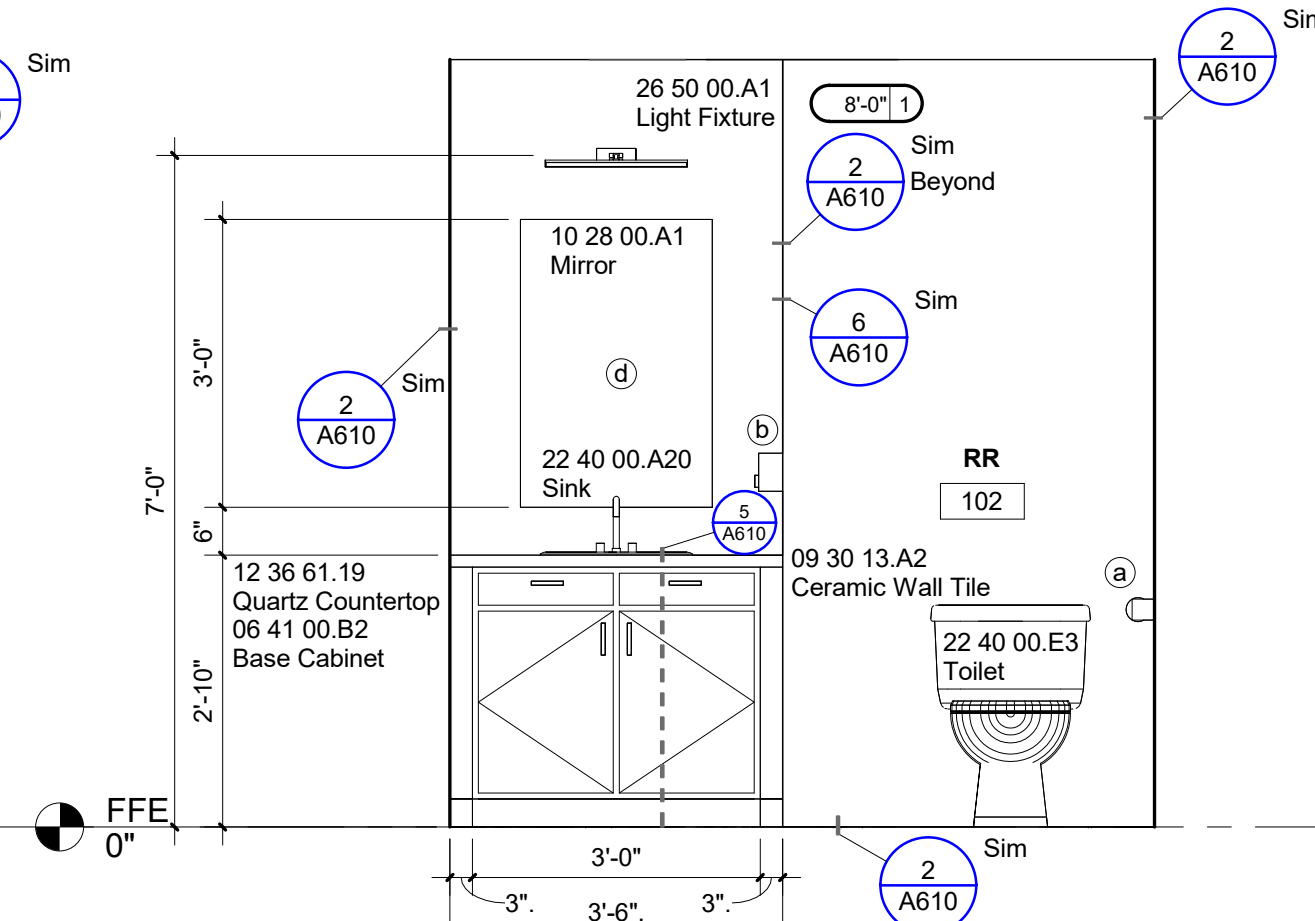
5 Sink Cabinet
1" = 1'-0"



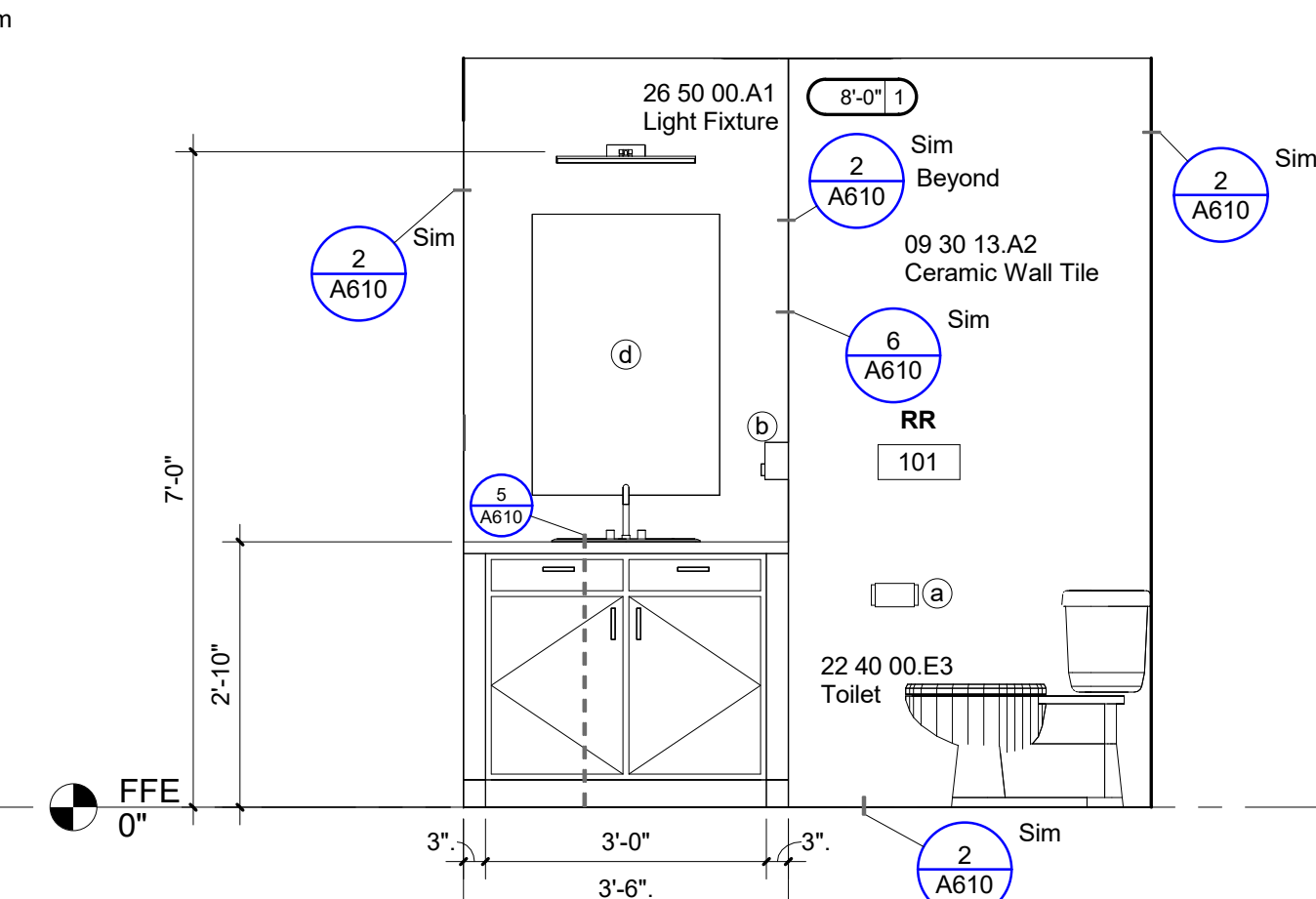
1 Sink Millwork
1" = 1'-0"



9 Interior Elevation
1/2" = 1'-0"

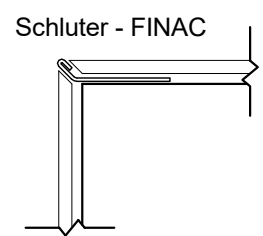


7 Interior Elevation
1/2" = 1'-0"

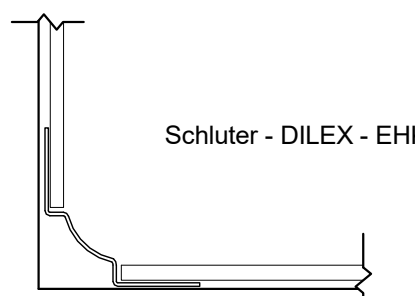


4 Interior Elevation
1/2" = 1'-0"

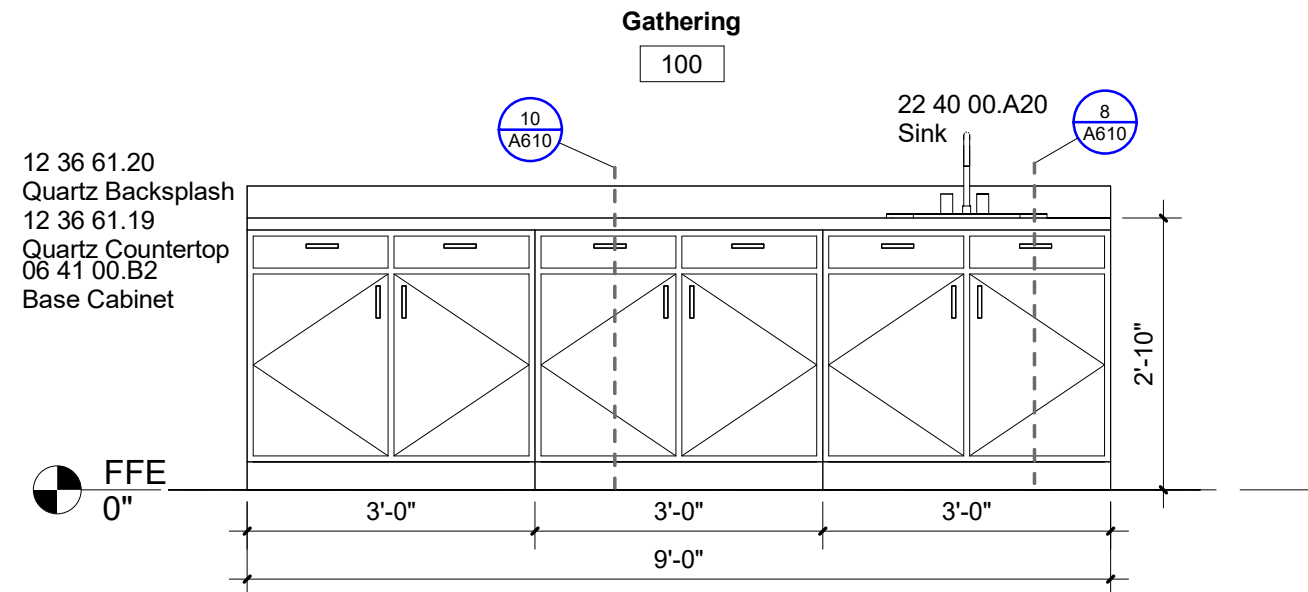
Toilet Accessories Legend		
Type Mark	Description	Notes
a	Toilet Paper Dispenser	
b	Wall Mounted Soap Dispenser	
c	ADA Mirror (24"x36")	
d	Mirror (24"x36")	
e	Grab Bars	
f	Paper Towel Dispenser with Trash Receptacle	



6 Outside Corner Detail
3" = 1'-0"



2 Inside Corner Detail
3" = 1'-0"



3 Interior Elevation
1/2" = 1'-0"



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FBO Expansion FY2026 AIG#

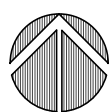
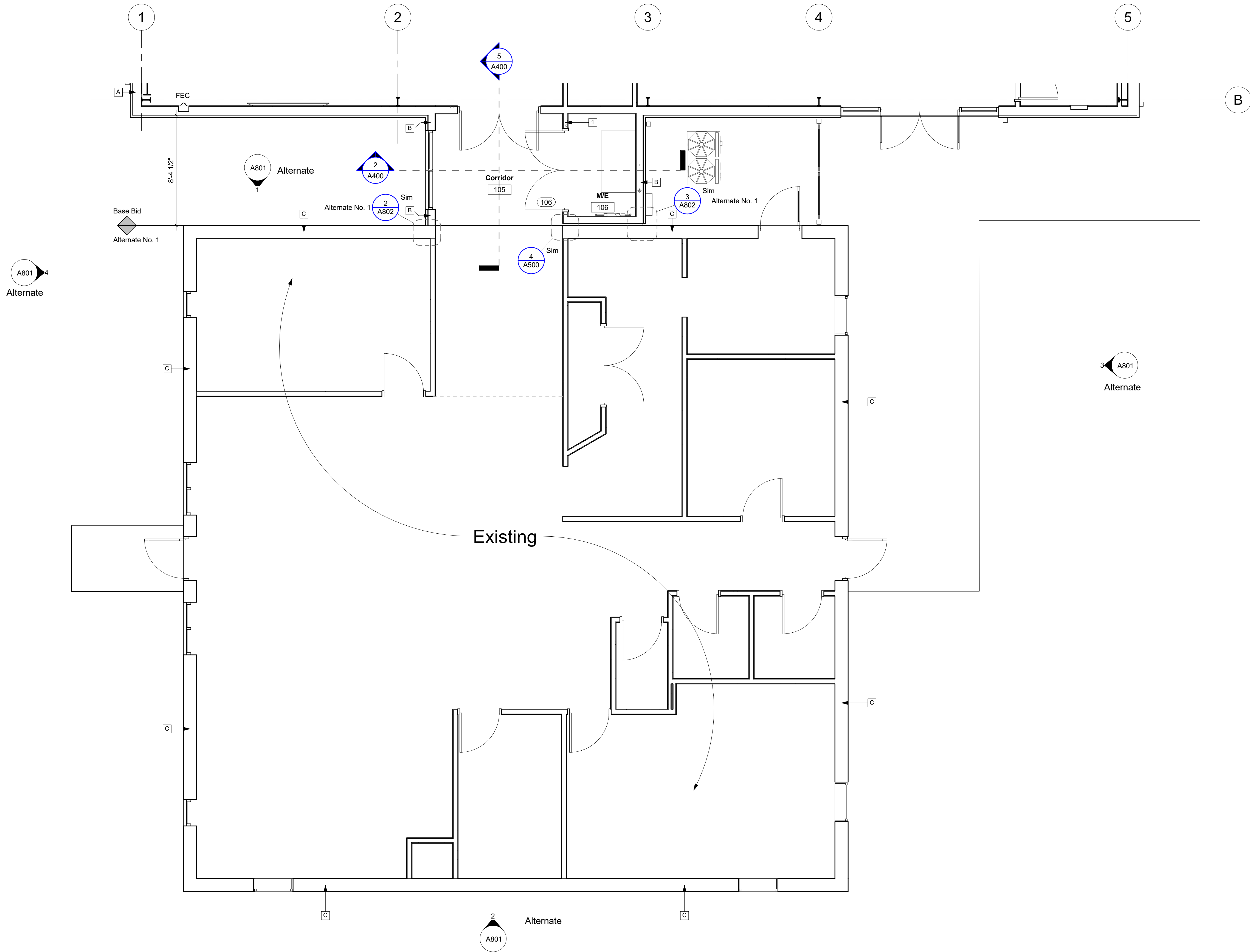
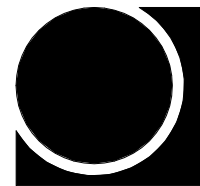


Columbus, MS

A610
Interior Elevations

Drawn By TW	Checked By BW	Date April 7, 2026
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Scale As indicated	Project Number 26002.00
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1 Floor Plan - Alternate #1
1/4" = 1'-0"

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FY2026 AIG#

Revisions

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A800
Alternate

Drawn By	Checked By	Date
TW	BW	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

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Architecture

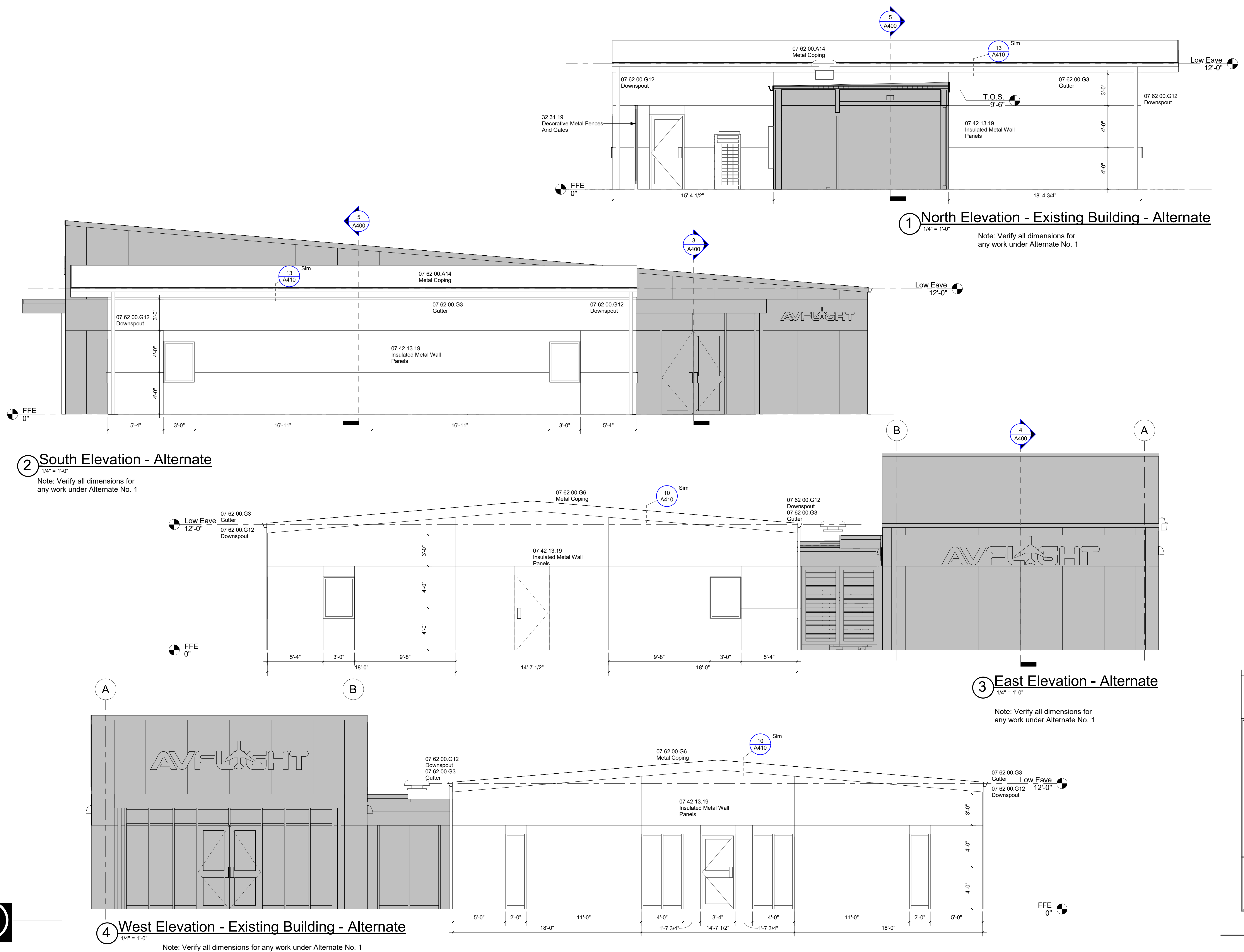
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**FBO Expansion
FY2026 AIG#**

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



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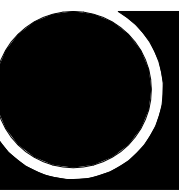
A801
Alternate

Drawn By: TW
Checked By: BW
Date: April 7, 2026

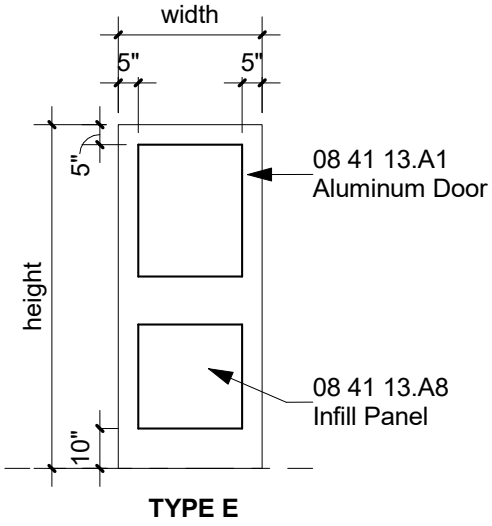
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Project Number: 26002.00

26002.00

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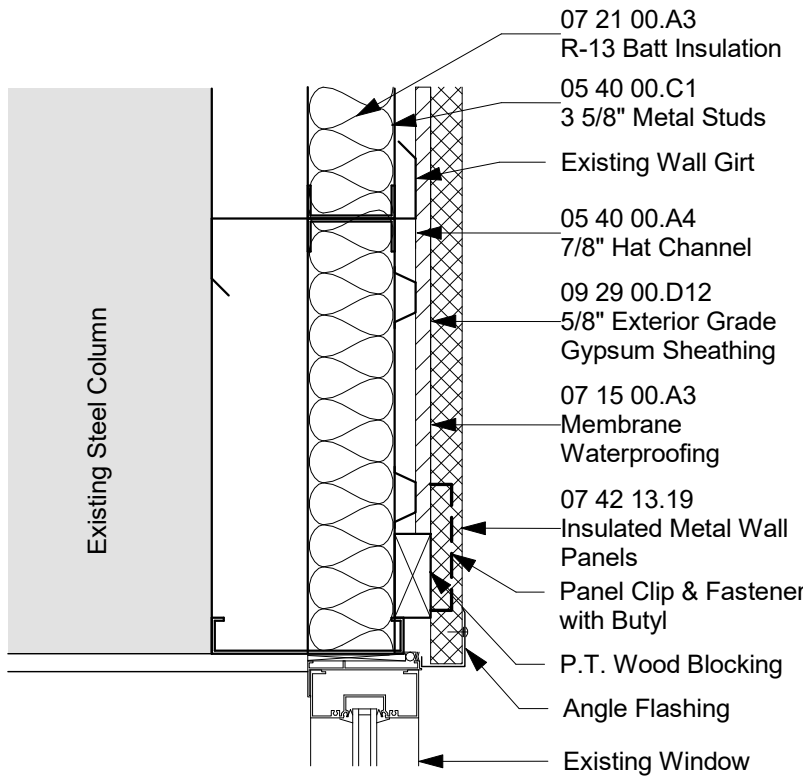


Door and Frame Schedule														
Door No.	Door						Frame						Fire Rating Label	Notes
	Size			Finish	Mtl.	Elev.	Elev.	Mtl.	Finish	Details				
	W	H	Thk							Head	Jamb	Sill		
A101	3'-0"	7'-0"	1 3/4"	-	Alum.	E	existing	Alum.	-	6/A802	6/A802	5/A802	5	

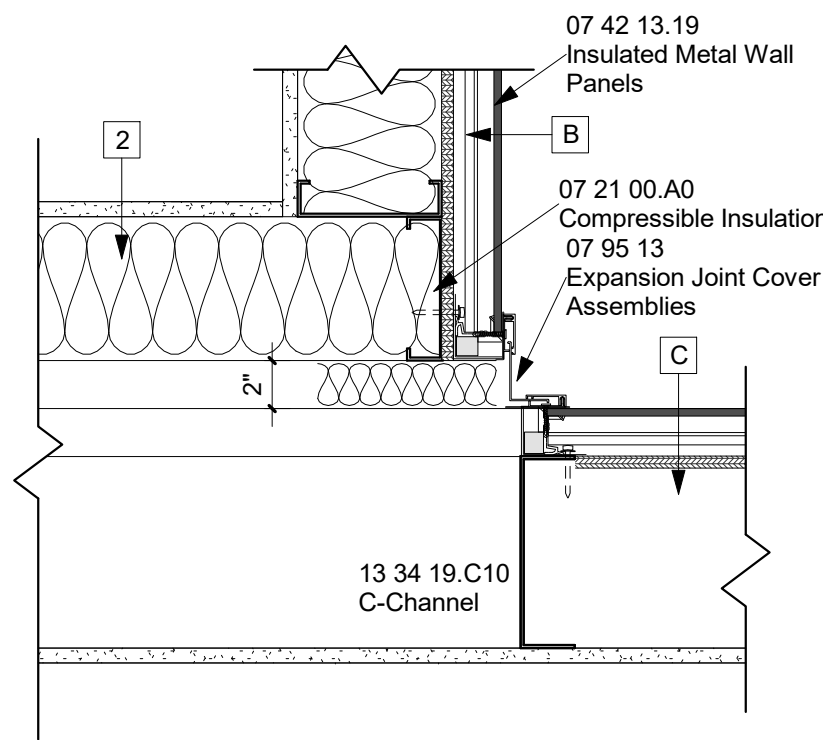


- Notes:
1. Mag-lock with keyed back-up.
 2. Card reader on interior side.
 3. Push-to-open button on exterior side.
 4. Occupancy indicator.
 5. Keyed only

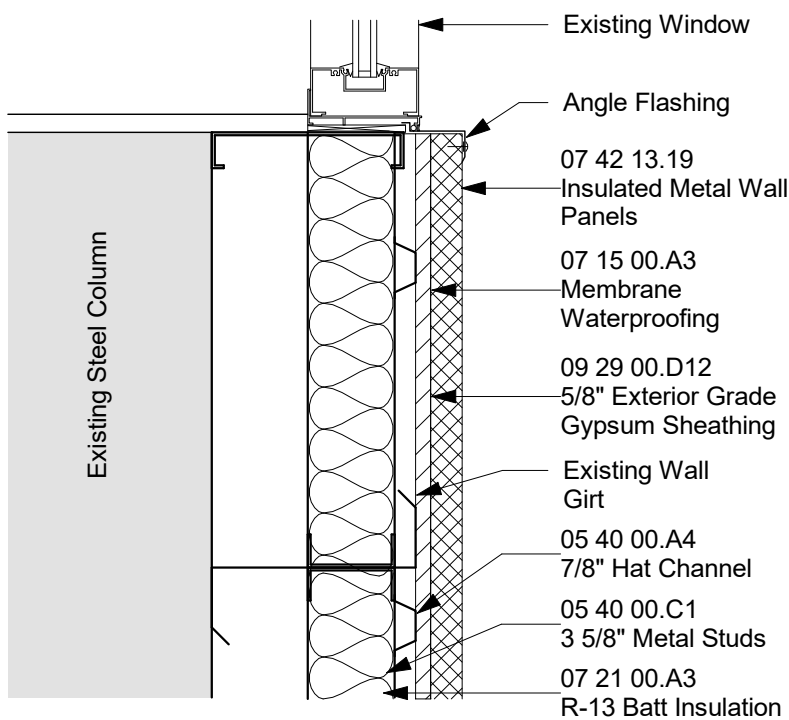
7 Door Types - Alternate No. 1
1/4" = 1'-0"



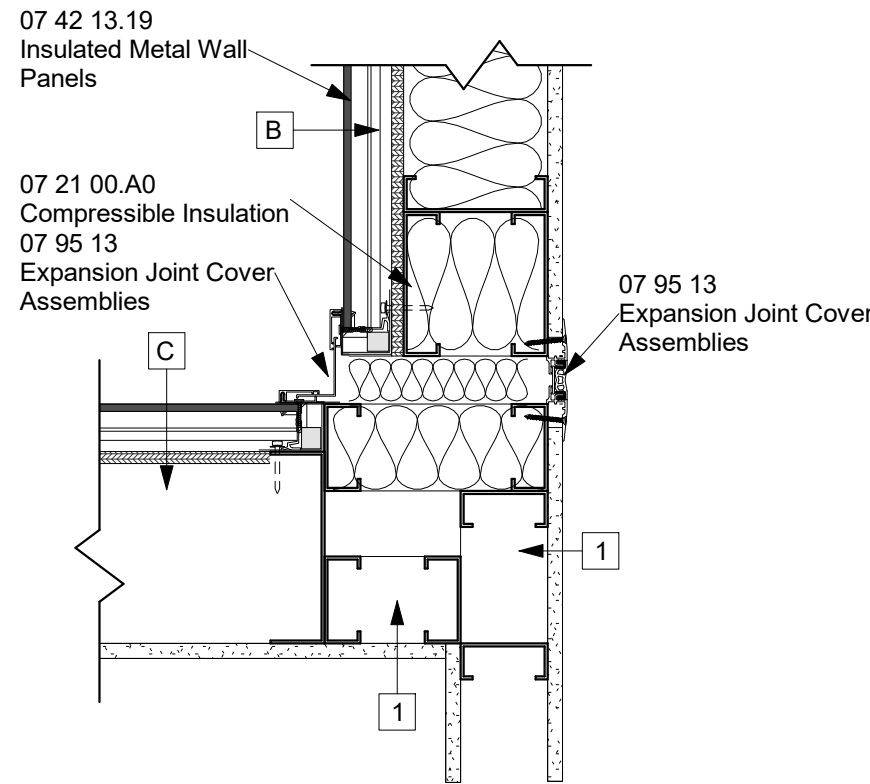
6 Head / Jamb
1 1/2" = 1'-0"



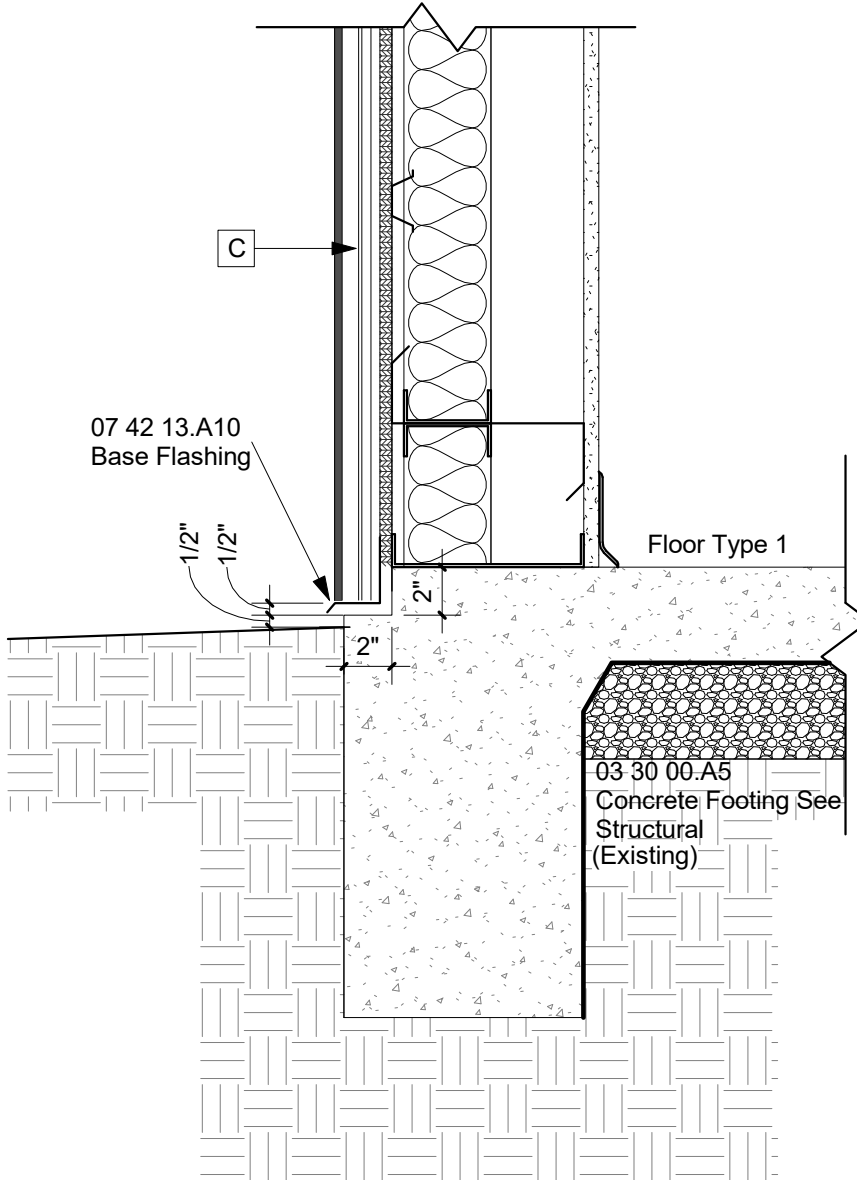
3 Expansion Joint Detail - Alternate
1 1/2" = 1'-0"



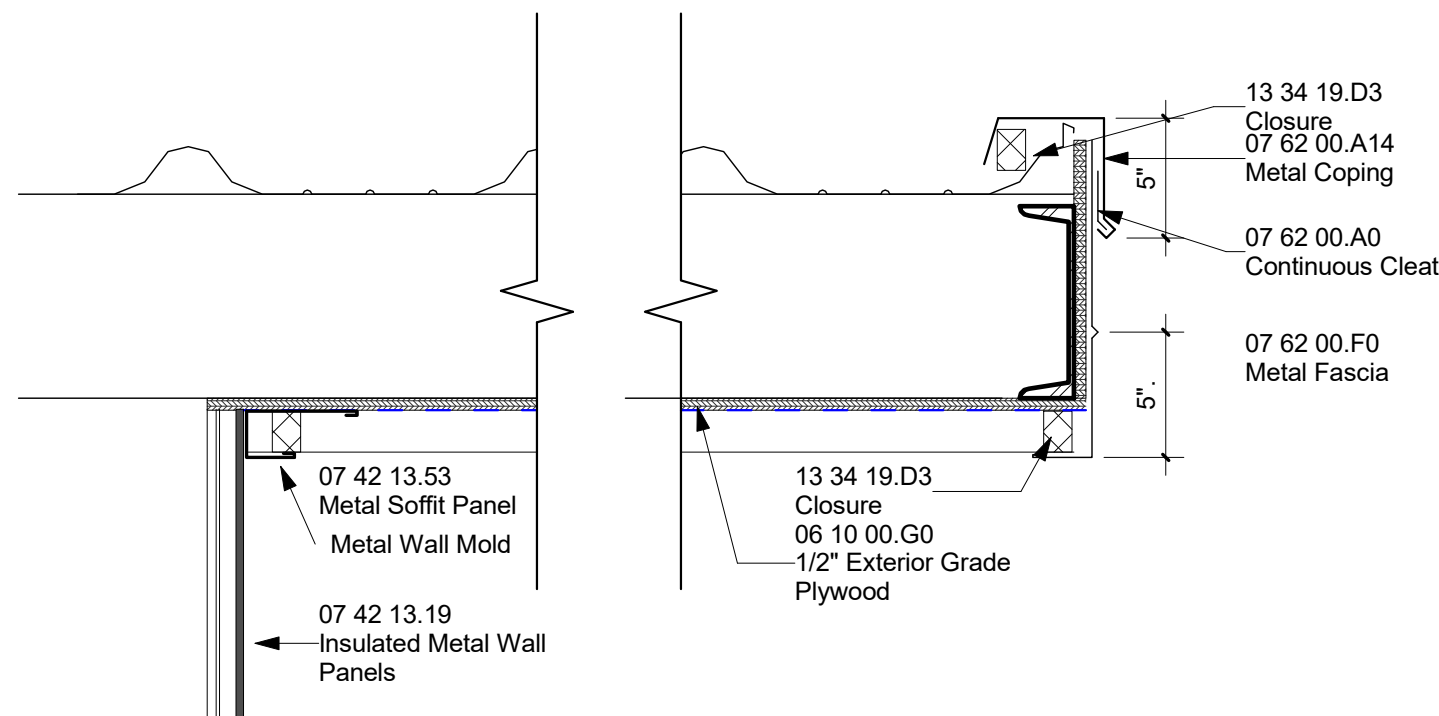
5 Sill
1 1/2" = 1'-0"



2 Expansion Joint Detail - Alternate
1 1/2" = 1'-0"



4 Detail
1 1/2" = 1'-0"



1 Soffit Detail - Alternate No. 1
1 1/2" = 1'-0"

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FBO Expansion
FY2026 AIG#

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



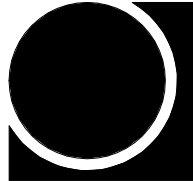
Columbus, MS

A802
Alternate

Drawn By: TW
Checked By: BW
Date: April 7, 2026

Scale: As indicated
Project Number: 26002.00

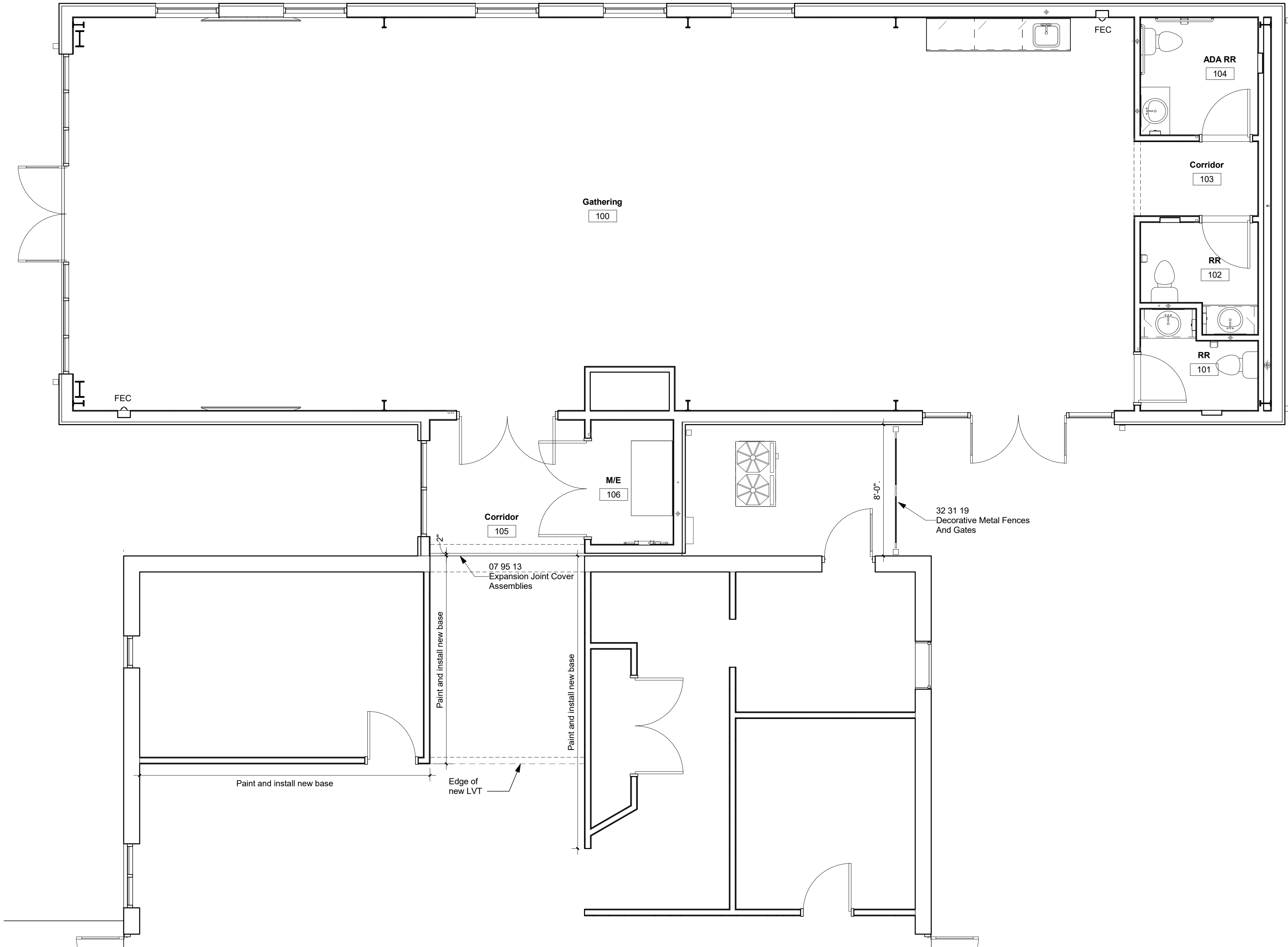
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Finish Schedule						
Number	Name	Floor Finish	Base Finish	Ceiling Finish	Wall Finish	Notes
100	Gathering	LVT	R	PT3	PT, PT2	
101	RR	CT1	S	LAT	CT2	1
102	RR	CT1	S	LAT	CT2	1
103	Corridor	LVT	R	LAT	PT1	
104	ADA RR	CT1	S	LAT	CT2	1
105	Corridor	LVT	R	LAT	PT1	
106	M/E	SC	R	-	PT1	

CT1 - Ceramic Floor Tile
CT2 - Ceramic Wall Tile
LVT - Luxury Vinyl Tile
PT1 - Paint (Color 1)
PT2 - Paint (Color 2)
PT3 - Dryfall
R - Rubber
S - Stainless Steel
SC - Sealed Concrete

Notes:
1. Ceramic wall tile shall cover the wall in its entirety and extend 4" minimum above LAT ceiling.



1 Finish Plan
1/4" = 1'-0"

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**FBO Expansion
FY2026 AIG#**

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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

A900
Room Finish Plan

Drawn By: TW
Checked By: BW
Date: April 7, 2026

Scale: 1/4" = 1'-0"
Project Number: 26002.00

STRUCTURAL NOTES

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

DESIGN CRITERIA

- Building Code: 2018 International Building Code and ASCE 7-16 (except Chapter 14)
 - Building Risk Category: II
- Design Loads
 - Uniform Floor Live Loads (reduced per Building Code, UNO)

General Areas	100 psf
---------------	---------
 - Roof Loads
 - Uniform Roof Live Load 20 psf (reduced per Bldg. Code)
Concentrated Roof Live Load 300 lbs
 - Rain Loads: Rain Intensity, i = 7.5 in/hr (15-min duration/ 100 yr MRI)
 - Wind Loads
Basic wind Speed V(ult) = 109 mph; V(asd) = 84.4 mph
Wind Exposure = C
Internal Pressure Coefficient, GCpi = +/-0.18 (Enclosed Building)
 - Exterior Wall Component and Cladding Pressures (psf)
Note: Positive Pressures act Toward the Surface; Negative Away.
Values based on Ultimate Wind Speed, for ASD multiply by 0.6.
Values based on Kd= 0.85.

Effective Wind Area (sq.ft.)	Zone 4	Zone 5
10	+23.7 / -25.7	+23.7 / -31.6
20	+22.7 / -24.6	+22.7 / -29.5
50	+21.3 / -23.2	+21.3 / -26.7
100	+20.2 / -22.2	+20.2 / -24.6

Corner Zone Width, a=3 ft
 - Roof Component and Cladding Pressures (psf)
Note: Positive Pressures act Toward the Surface; Negative Away.
Values based on Ultimate Wind Speed, for ASD multiply by 0.6.
Values based on Kd= 0.85.

Effective Wind Area (sq.ft.)	All Zones	Zone 1	Zone 2	Zone 2'	Zone 3	Zone 3'
10	+16	-28.1	-32.5	-39.1	-43.5	-61
20	+16	-28.1	-31.8	-38.4	-39.5	-54.4
50	+16	-28.1	-30.9	-37.5	-34.2	-45.7
100	+16	-28.1	-30.3	-36.9	-30.3	-39.1
200	+16	-28.1	-30.3	-36.9	-30.3	-39.1
500	+16	-28.1	-30.3	-36.9	-30.3	-39.1

Edge/Corner Zone Width, a=3 ft
 - Earthquake Loads
Seismic Importance Factor, I = 1.0
Mapped Spectral Response Accelerations, Ss and S1 = 0.23 and 0.11
Site Class: D
Spectral Response Coefficients, Sds and Sd1 = 0.24 and 0.18
Seismic Design Category: C
Basic Seismic-Force-Resisting System: Steel systems not specifically detailed for seismic resistance
Response Modification Factor, R = 3.0
- Structural Engineer is not responsible for the design of steel stairs, handrails, curtain wall/window wall systems, non load bearing cold-formed steel framing, or other systems not shown in the Structural Documents. Such systems shall be designed, furnished, and installed as required by other portions of the Construction Documents.
- No explicit provisions have been made for future building expansion.

GENERAL

- Reference to standards or specifications of technical societies, organizations, or associations means the standard or specification referenced by the governing Building Code shown on the Drawings, unless specifically noted otherwise.
- Material, workmanship, and design shall conform to the referenced Building Code.
- For dimensions not shown in the Structural Drawings, see the Architectural Drawings.

GENERAL, CONTINUED

- Contractor responsibilities include, but are not limited to, the following:
 - Coordinate the Structural Documents with the Architectural, Mechanical, Electrical, Plumbing, and Civil Documents. Architect/Structural Engineer shall be notified of any discrepancy or omission prior to installation of associated work.
 - Coordinate Structural Documents with Architectural and MPE Documents for location and quantity of miscellaneous framing for items such as roof drains, suspended or supported mechanical units, etc. Refer to Architectural and MPE Documents for additional miscellaneous structural elements that may not appear in the Structural Documents.
 - Equipment/Framing Verification
 - Mechanical Equipment: Submit actual weights of equipment to be used for review at least 3 weeks prior to fabrication and construction. Coordinate opening sizes and locations with Mechanical Contractor.
 - Miscellaneous Framing: Verify framing shown on the Structural Drawings for mechanical equipment, Owner-furnished items, partitions, etc. is consistent with the requirements of such items.
 - The structure is stable only in its completed form. Temporary supports required for stability during all intermediate stages of construction shall be designed, furnished, and installed by the Contractor.
 - Contractor has sole responsibility for jobsite safety and complying with all health and safety precautions as required by any regulatory agency. In performing construction observation visits to the jobsite, the Structural Engineer will have no control over, nor responsibility for, the Contractor's means, methods, sequences, techniques, or Procedures in performing the work.
 - Contractor is responsible for locating concrete reinforcement prior to the installation of post-installed anchors, through bolts, or other post-installed items in concrete. Existing reinforcement, including post-tensioning tendons, shall not be damaged during installation.
- Existing and Unforeseen Conditions
 - Contractor shall field verify all existing conditions, elevations, and site conditions prior to construction and fabrication. Contractor shall immediately notify Structural Engineer of any existing conditions that are in conflict with the Structural Documents.
 - Shop drawing submittals shall be based on field verified dimensions and conditions only. Contractor shall clearly show actual field dimensions on shop drawings.

SUBMITTALS

- Shop Drawings and Submittals
 - Reproduction of Structural Drawings for shop drawings is not permitted.
 - Electronic drawing files will not be provided to the Contractor.
 - Review of shop drawings will be for conformance with the Construction Documents regarding arrangement and sizes of members and the Contractor's interpretation of the design loads, if applicable, and Construction Document details. Such review shall not relieve the Contractor of the full responsibility to comply with the Construction Documents.
- Submittals
 - The Structural Quality Assurance Plan and Specifications identify the required submittals. Prior to (or with) the first submittal, Contractor shall submit a list of all required submittals for Engineer's review.
 - Email all submittals to submittals@sdg-structure.com

STRUCTURAL INDEX

S001	STRUCTURAL NOTES
S002	STRUCTURAL NOTES (cont.)
S003	STRUCTURAL NOTES (cont.)
S004	STRUCTURAL QUALITY ASSURANCE PLAN
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Golden Triangle Regional Airport

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FY2026 AIG#

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Golden Triangle Regional Airport

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Columbus, MS

S001
STRUCTURAL NOTES

Drawn By	Checked By	Date
C.F.	W.G.	April 7, 2026

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STRUCTURAL NOTES

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

SUBMITTALS, CONTINUED

3. Deferred Submittals
- 3.1 Deferred Submittals include those portions of the project that are furnished by the Contractor and designed by someone other than the Engineer of Record and are submitted at the time of the application. Deferred Submittals shall be submitted to the Building Official prior to fabrication and installation.
- 3.2 Submittal documents for Deferred Submittals:
- 3.2.1 Shall be included in the Contractor's scope of services and shall be sealed by an Engineer licensed in the project state. Design of Deferred Submittals shall be in accordance with the governing Building Code indicated above.
- 3.2.2 Shall be submitted to the registered design professional in responsible charge who shall review them and forward to the Building Official with a notation indicating the deferred submittal documents have been reviewed and that they have been found in general conformance with the design of the building. Deferred submittal items shall not be installed until the design and submittal documents have been approved by the Building Official.
- 3.3 The following shall be considered Deferred Submittals:
- Pre-fabricated Canopies
 - Steel Stairs and Handrails
 - Curtainwall/Window Wall Systems
 - Metal Building System
 - Guardrails/Handrails

FOUNDATION

1. Geotechnical Report: prepared by TTL
Report No. _____, Dated _____
- 1.1 It is recommended that the Contractor become familiar with the subsurface conditions that will be encountered and obtain a copy of the geotechnical report and any supplemental reports. The report(s) may be included as a reference document within the construction documents. Otherwise the Contractor should contact the Owner to obtain a copy of the report(s).
2. Building Pad Preparation
- 2.1 Strip vegetation and topsoil.
- 2.2 Undercut the entire building ro 3-feet below the bottom of the slab and 5-feet beyond the perimeter of the building at the base of the excuvation and replace with compacted structural fill.
3. Soil Bearing Capacity: Isolated Footings 2,500 psf
Continuous Footings 2,500 psf

REINFORCEMENT

1. Reinforcing Bars: ASTM A615, Grade 60
- 1.1 Reinforcing bars are not to be welded.
2. Welded Wire Reinforcement (WWR): ASTM A1064, 8-in minimum side and end laps
3. Reinforcement Placement (UNO)
- 3.1 Concrete Reinforcement Clear Cover
- | | | |
|-----------------|----------|-------------|
| Below Grade: | Unformed | 3-in |
| | Formed | 2-in |
| Slabs on Ground | | See details |
4. Reinforcement Splices
- 4.1 Reinforcement marked "Continuous" can be spliced at locations determined by Contractor. All other reinforcement shall be spliced only at locations shown or noted, unless approved in writing by Structural Engineer.
- 4.2 Splice Lengths (UNO)
Concrete Reinforcement: Class B Tension Lap

CAST-IN-PLACE CONCRETE

1. Concrete Properties

1.1 Normal Weight Structural Concrete

Member	28-day Strength f'c (psi)	Exposure Category				Max. w/cm Ratio	Air Content +/-1.5%	Max. Nom. Aggregate Size
Footings	4,000	F0	S0	W1	C1	----	----	1-in
Slab Turn-downs	4,000	F0	S0	W1	C1	----	----	1-in
Pedestals	4,000	F0	S0	W1	C1	----	----	1-in
Slabs-on-Ground	4,000	F0	S0	W1	C1	0.48	----	3/4-in
All Other Concrete	4,000	F0	S0	W1	C1	0.48	----	3/4-in

Refer to Division 32 specifications for all exterior concrete pavement and curbs.

2. Construction Joint Locations: No horizontal construction joints are permitted except as shown on the Structural Drawings. Obtain written consent for additional joints.
3. Conduit shall not be placed within the slab on ground. Conduit shall be installed below the slab on ground within the granular subbase.
4. Special Finishes: Refer to Architectural Drawings for molds, grooves, ornaments, clips or grounds required to be encased in concrete and for location of floor finishes and slab depressions.
5. Defect Repair: Honey-combing, spalls, cracks, etc. shall be repaired. Extent of defective area to be determined by the Structural Engineer.
6. Curing
- 6.1 Begin curing procedures immediately following commencement of the finishing operation.
- 6.2 Concrete shall be moist cured in accordance with ACI 308. See Specification for additional information.

POST-INSTALLED ANCHORS

1. Post-installed anchors shall only be installed where indicated on the structural drawings, unless approved by engineer of record.
2. The below products are the design basis for this project. Product diameter and embedment shall be as shown in the details. Install products in accordance with the Manufacturer's Printed Installation Instructions (MPII). Refer to the project building code and/or evaluation report for special inspections and proof load requirements. Substitution requests for products other than those listed below may be submitted by the contractor to the Engineer-of-Record (EOR) for review. Substitutions will only be considered for products having a research report recognizing the product for the appropriate application under the project building code. Substitution requests shall include calculations that demonstrate the substituted product is capable of achieving the equivalent performance values of the design basis product.
3. For Anchoring into Concrete
- 3.1 Expansion Anchors: Hilti Kwik Bolt TZ (ICC-ES ESR-1917), Simpson Strong-Bolt 2 (ICC-ES ESR-3037), DeWalt/Powers Power-Stud+ SD1 (ICC-ES ESR-2818), or DeWalt/Powers Power-Stud+ SD2 (ICC-ES ESR-2502).
Minimum embedment = 6 times anchor diameter, UNO.
- 3.2 Screw Anchors: Simpson Titen-HD (ICC-ES ESR-2713), DeWalt Screw Bolt+ (ICC-ES ESR-3889), or Hilti Kwik HUS (KH-EZ) (ICC-ES ESR-3027).
Minimum Embedment = 6 times anchor diameter, UNO.
4. Contractor shall arrange for an anchor manufacturer's representative to provide onsite installation training for all of their anchoring products specified. The structural Engineer of record must receive documented confirmation that all of the contractor's personnel who install anchors are trained prior to the commencement of anchor installation.



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S002

STRUCTURAL NOTES (cont.)

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C.F.	W.G.	April 7, 2026

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STRUCTURAL NOTES

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

LOAD-BEARING COLD-FORMED STEEL STUDS ****OR**** COLD-FORMED STEEL FRAMING

- Cold-Formed Steel Design, Fabrication and Erection: Conform to AISI S100/S1 "North American Specification for the Design of Cold-formed Steel Structural Members" referenced in the referenced Building Code.
- Cold-Formed Steel Framing shall conform with the following
 - Galvanized studs: 33 & 43 mil (fy= 33 ksi) ASTM A1003 (Grade ST33H)
54, 68 & 97 mil (fy = 50 ksi) ASTM A1003 (Grade ST50H)
 - Galvanized Tracks, bridging and accessories ASTM A1003
- Cold-Formed Steel Studs and Accessories: As shown in the Structural Documents.
- Connections: welds or screws. Welds shall conform to AWS D1.3.
- Splices: Not permitted in axially loaded studs and floor or roof joists.
- Submitted shop drawings shall include panelization of load bearing walls, drawings for framing members showing size and member thickness designations (mil), number, type, location and spacing. Indicate supplemental strapping, bracing, splices, bridging, accessories and details required for proper installation.
- Design of cold-formed steel members and their connections not specified in the structural drawings shall be the responsibility of the contractor. Submitted shop drawings with members and their connections designed by contractor shall be sealed by an Engineer licensed in the project state.

METAL BUILDING SYSTEM (SEE ARCHITECTURAL SPECIFICATIONS)

- Design of Metal Building System shall be the sole responsibility of the Contractor. Submit shop drawings sealed by an Engineer licensed in the project state. Review of shop drawings shall be for conformance with the Contract Documents and the Contractor's interpretation of the design loads and Contract Document details. Such review shall not relieve the Contractor of full responsibility for the design of the Metal Building System.
- Metal Building System includes the following:
 - Steel Frames
 - Lateral Load Resisting System (X-bracing, portal frames, diaphragm, etc.)
 - wind Columns
 - Column anchor bolts (type, number, and diameter, adhesive anchors shall not be used)
 - Roof purlins
 - wall girts
 - wide flange/channel girt that distributes the lateral load from the top of the exterior wall to the metal building frame
 - Roof and wall metal panels
 - opening framing (doors, roof vents, etc.)
 - Support Canopies
- Metal Building System shall be designed for the live, wind, and seismic loads as prescribed by the Building Code given in the CODE/DESIGN CRITERIA section above and the loads listed below. Load combinations shall be in accordance with the Building Code and the MBMA "Low Rise Building Systems Manual".
 - Dead Loads
 - weight of structural frame and all other materials of the building system.
 - Collateral dead load (not to be included in load combinations involving wind uplift) of 5 psf.
 - Suspended items such as mechanical equipment, plumbing, folding partitions, etc. identified in the Contract Documents.
- Metal Building System shall meet the serviceability deflection and drift limits as given in the AISC "Steel Design Guide Series 3: Serviceability Design Considerations for Low Rise Buildings", except as modified below:
 - Lateral Drift/Deflection due to wind forces mandated by the Building Code (where H is the Building Height and L is the span length)

Building Frame

H/240

METAL BUILDING SYSTEM (SEE ARCHITECTURAL SPECIFICATIONS), CONTINUED

- | | |
|---|-------|
| wind Columns | H/360 |
| Member supporting top of Perimeter wall | L/360 |
- Metal Building manufacturer shall be accredited by the International Accreditation Service, Inc. (IAS), under the Inspection Programs for Manufacturers of Metal Building Systems by complying with AC472.
 - Structural steel sections and welded plate members shall be designed, fabricated and erected in accordance with the AISC "Specification for Structural Steel Buildings: Allowable Stress Design and Plastic Design" or the AISC "Load and Resistance Factor Design Specification for Structural Steel Buildings"; and the AISC "Code of Standard Practice for Steel Buildings and Bridges".
 - Light-gage, cold formed structural members and panels shall be designed in accordance with the AISI "Specification for the Design of Cold-Formed Steel Structural Members".
 - Footings have been designed based upon assumed column reactions and no base column moments. Shop Drawings shall clearly indicate foundation reactions for code required load combinations. Footing construction shall not begin until Structural Engineer reviews foundation reactions and returns reviewed shop drawings.

ANCHORAGE AND BRACING OF NON-STRUCTURAL COMPONENTS

- Architectural, mechanical, and electrical components shall be properly anchored and braced to resist the seismic forces specified in the referenced Building Code. Refer to the architectural and MPE documents for specific details and additional information.
- Suspended ducts, pipes, and conduits shall be braced in accordance with the SMACNA 2024 Seismic Restraint Manual, 4th Edition. Refer to the MPE documents for specific details and requirements.

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S003
STRUCTURAL NOTES (cont.)

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Scale As indicated	Project Number 26002.00
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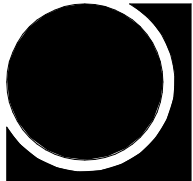
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STRUCTURAL QUALITY ASSURANCE PLAN

GENERAL

- This Structural Quality Assurance Plan includes:
- The Statement of Special Inspections which defines the scope of testing and inspection that is required for this project.
 - The responsibilities of the Contractor.

Refer to other portions of the Construction Documents for Special Inspections required of architectural, mechanical, electrical, or other building components.

Special Inspector will be hired by the Owner.

Special Inspector shall maintain records of inspections in accordance with Chapter 17 of the Building Code and shall distribute these records to the Building Official, Architect, and Structural Engineer on a weekly basis, unless noted otherwise below. Reports shall indicate that work inspected/tested was done in conformance to the Construction Documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, they shall be brought to the attention of the Building Official, Architect, and Structural Engineer prior to completion of that phase of the work.

At the conclusion of the project, the Special Inspector shall submit a final report documenting required special inspections and correction of any discrepancies noted in the inspections.

STATEMENT OF SPECIAL INSPECTIONS

Special Inspector shall perform the following tests and inspections of all structural elements included within this Statement of Special Inspections.

- The following elements are part of the Seismic-Force-Resisting (SFR) System. and require additional Special Inspections or Testing for Seismic Resistance:
 - Moment Frames and their Foundations
 - Braced Frames and their Foundations
 - Shearwalls and their Foundations
 - Roof Diaphragms
- The following tables contain material, components and work that require special inspection or testing:
 - Inspection Frequency, C – Continuous special inspection. Special inspection by the special inspector who is present when and where the work to be inspected is being performed.
 - Inspection Frequency, P – Periodic special inspection. Special inspection by the special inspector who is intermittently present where the work to be inspected has been or is being performed. For structural steel, observe the items on a random basis.

SOILS	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	P	
2. Verify excavations are extended to proper depth and have reached proper material.	P	Inspection is required after excavation is complete and prior to placement of structural fills.
3. Perform classification and testing of compacted fill materials.	P	Perform laboratory tests of field samples provided by contractor for verification of in place densities.
4. Verify use of proper materials, densities, and lift thickness during placement and compaction of compacted fill. As a minimum, perform one test per lift for every 2500 square feet of fill placed.	C	Refer to specification for lift thicknesses and compaction.
5. Prior to placement of compacted fill, inspect subgrade and verify that the site has been prepared properly (e.g. proofrolling, etc.).	P	

CONCRETE CONSTRUCTION	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Inspection of reinforcing steel placement and installation. Grade, size, quantity, quality, location, spacing, clearances.	P	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3
2. Inspection of anchors cast in concrete. Verify compliance of the following: diameter, grade, type, length, number, placement, and embedment depth.	C	ACI 318 17.8.2 / AISC 360 N5.8
3. Inspection of post-installed mechanical anchors installed in hardened concrete members. Verify anchor type, anchor dimensions, hole diameter and cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	P	ACI 318 26.13.3 Use of post installed anchors must be approved by Structural Engineer
4. Inspection of post-installed adhesive anchors and reinforcing steel installed in hardened concrete members		ACI 318 26.13 Use of post installed anchors must be approved by Structural Engineer
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. Verify adhesive type, anchor rod dimensions, hole diameter and cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	C	ACI 318 26.13.3.2
b. Adhesive anchors not defined above. Verify adhesive type, anchor rod dimensions, hole diameter and cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	P	ACI 318 26.13.3.3
5. Verify use of required design mix.	P	ACI 318 Ch. 19, 26.4.3 26.4.4 / IBC 1904.1, 1904.2
6. Sampling fresh concrete from concrete discharge. Mold one set of specimens for compressive strength testing for each 150 cubic yards or each 5,000 square feet of slab or wall surface area for each mix design placed in any one day. No fewer than five tests for a given class of concrete for the entire project.		ACI 318 26.5, 26.12 ASTM C31, ASTM C172
a. Mold (5) 4x8-inch compressive strength cylinders, break and report (1) at 7-days, (3) at 28-days, or mold (4) 6x12-inch compressive strength cylinders, break and report (1) at 7-days, (2) at 28-days.	C	
b. Remaining specimens(s) shall be broken as directed by the Structural Engineer if compressive strengths do not appear adequate.		
c. For each set molded, record: - Slump - Air Content - Unit Weight - Temperature, ambient and concrete - Batch and discharge times - Location and placement - Any pertinent information, such as addition of water, addition of admixtures, etc.		
d. Report in writing on the same day as tests are performed. Reports of compressive strength tests shall contain the project identification name and number, date of concrete placement, name of concrete testing agency, concrete design compressive strength, location of concrete placement in structure, concrete mix proportions and materials, compressive breaking strength and type of break.		
e. Verify compliance with construction documents.		
7. Inspection of concrete conveying and placement for proper application techniques.	C	ACI 318 26.5
8. Verify maintenance of specified curing temperature and techniques.	P	ACI 318 26.5.3-26.5.5
9. Perform testing of Floor Flatness and Levelness of concrete slab placements in accordance with ASTM E1155. See specifications.	P	ACI 117



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Columbus, MS

S004

STRUCTURAL QUALITY ASSURANCE PLAN

Drawn By C.F.	Checked By W.G.	Date April 7, 2026
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Scale As indicated	Project Number 26002.00
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STRUCTURAL QUALITY ASSURANCE PLAN

PRE-ENGINEERED METAL BUILDING SYSTEM	INSPECTION FREQUENCY	REFERENCED STANDARD
	Obs. - Observe these items on a random basis. Operations need not be delayed pending these inspections. Perf. - Perform these tasks for each welded joint, bolted joint, or member.	
1. Installation of rafter/beam flanges braces and column flange braces.	P	
2. Installation of purlins and girts, including specified lapping.	P	
3. Purlin and girt restraint/bridging/bracing.	P	
4. Installation of X-bracing, tightened to remove any sag.	P	
5. Inspection Tasks Prior to Bolting		
a. Manufacturer's certifications available for fastener materials	Obs.	
b. Fasteners marked in accordance with ASTM requirements	Obs.	
c. Proper fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)	Obs.	
d. Proper bolting procedure selected for joint detail	Obs.	
e. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements	Obs.	
f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	Perf.	
g. Proper storage provided for bolts, nuts, washers and other fastener components.	Obs.	
6. Inspection Tasks During Bolting		
a. Fastener assemblies, of suitable condition, placed in all holes and washers (if required) are positioned as required.	Obs.	
b. Joint brought to the snug-tight condition prior to the pre-tensioning operation.	Obs.	
c. Fastener component not turned by the wrench prevented from rotating.	Obs.	
d. Fasteners are pre-tensioned in accordance with the RCSC Specification, progressing systematically from the most rigid point toward the free edges.	Obs.	
7. Inspection Tasks After Bolting		
a. Document acceptance or rejection of bolted connections	Perf.	

COLD-FORMED STEEL (CFS) STUDS	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Verify that installation of cold-formed members complies with the Construction Documents and the approved shop drawings.	P	
2. CFS lateral force-resisting system.	P	
a. Welds	P	
b. Screws attachment, bolting, anchoring and other fastening of components within the lateral force resisting system, including shear walls, braces, diaphragms, collectors (drag strut) and hold-downs.	P	IBC 1705.10.2 &1705.11.3

STRUCTURAL SHOP-FABRICATED ITEMS	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Where fabrication of structural, load-bearing, or lateral load-resisting members or assemblies is being conducted on the premises of a fabricator's shop, special inspections of the fabricated items shall be performed during fabrication, except where the fabricator has been approved to perform work without special inspections.		IBC 1704.2.5
2. Fabricator Approval shall be based upon: a. Review of the fabricator's written fabrication and quality control manuals that provide a basis for control of materials and workmanship. b. Periodic auditing of fabrication and quality control practices by an approved agency or the building official. c. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the owner or owner's authorized agent for submittal to the building official stating that the work was performed in accordance with the approved construction documents.		IBC 1704.2.5.1 & 1704.5

Special Inspector shall be responsible for additional Architectural and MPE inspections. See other disciplines for requirements.

CONTRACTOR RESPONSIBILITIES

- Contractor shall submit to the Building Official, Owner, and the Architect a written statement of responsibility that contains the following:
 - Acknowledgment of awareness of the special requirements contained in the Statement of Special Inspections for the seismic force-resisting system or seismic-resisting component listed in the Statement of Special Inspections.
- Contractor shall pay for any additional structural testing/inspection required for work or materials not complying with the Construction Documents due to negligence or nonconformance and shall pay for any additional structural testing/inspection required for his convenience.
- Contractor is responsible to ensure that the Special Inspector is on site as required to perform all tasks required by Statement of Special Inspection. Any work that requires special inspection and is performed without the Special Inspector being present is subject to being demolished and reconstructed.
- Contractor has the following responsibilities to the Special Inspector:
 - Provide copy of Construction Documents to Special Inspector and latest addenda (include change orders and field orders prior to inspection of work contained therein).
 - Notify Special Inspector sufficiently in advance of operations to allow assignment of personnel and scheduling of tests.
 - Cooperate with Special Inspector and provide access to work.
 - Provide samples of materials to be tested in required quantities.
 - Provide storage space for Special Inspector's exclusive use, such as for storing and curing concrete testing samples.
 - Provide labor to assist Special Inspector in performing tests/inspections.
- Contractor shall perform the following:
 - SOILS
 - Identify soils to be used as structural fill.
 - CAST-IN-PLACE CONCRETE
 - Submit manufacturer's certification that reinforcing materials comply with Construction Documents.
 - Establish concrete mix design proportions in accordance with the specifications and ACI 318, Chapter 26.
 - Submit manufacturer's certification that concrete materials meet the requirements of the Construction Documents.
 - Submit manufacturer's data for tension and compression splicers.
 - COLD-FORMED STEEL FRAMING
 - Submit manufacturer's certification that the supplied cold-formed members comply with the Construction Documents.
 - METAL BUILDING SYSTEM
 - Submit certification that the Metal Building System manufacturer is accredited by the International Accreditation Service, Inc. (IAS), under the Inspection Programs for Manufacturers of Metal Building Systems by complying with AC472.

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S005

STRUCTURAL QUALITY
ASSURANCE PLAN (cont.)

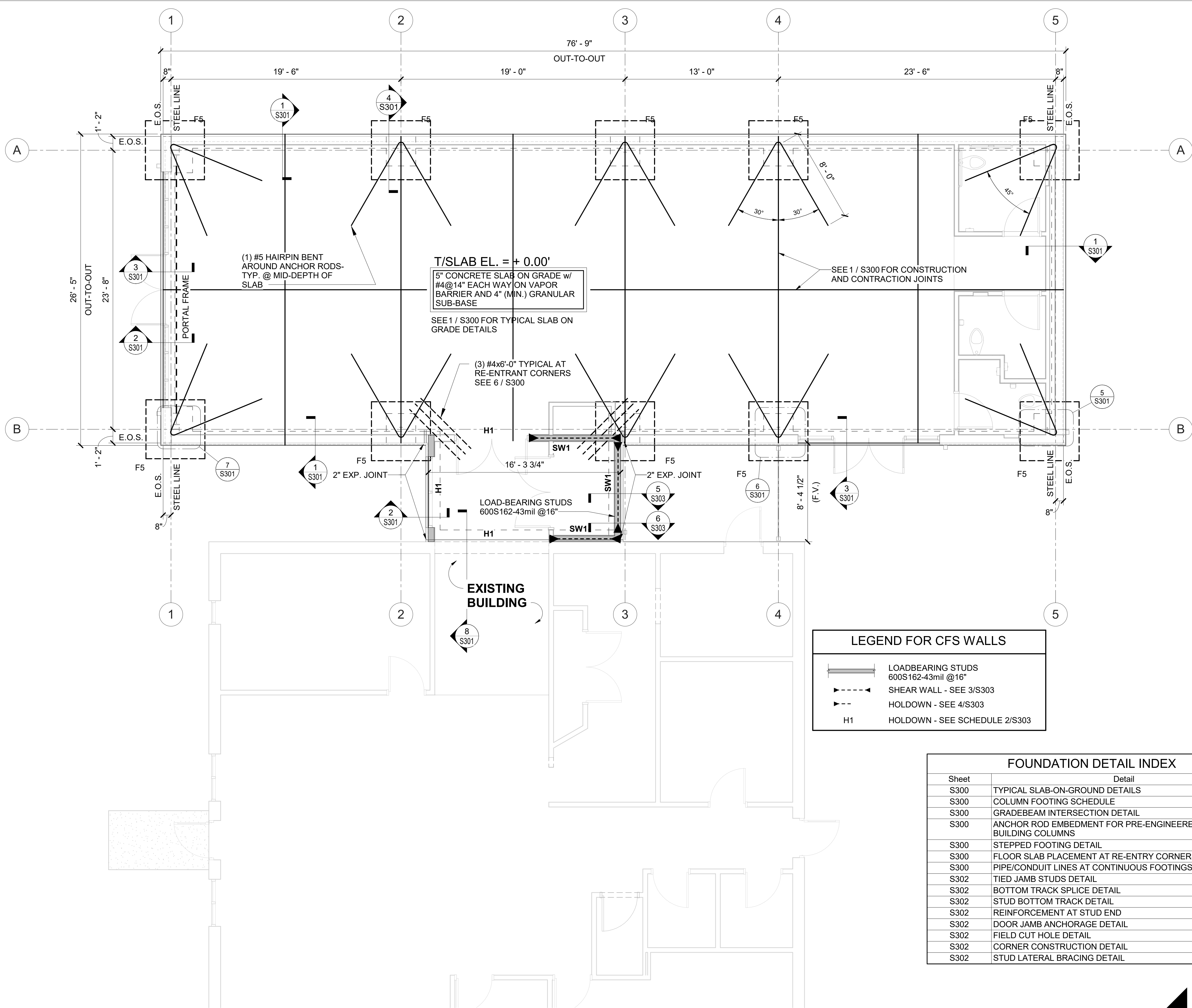
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1
1/4" = 1'-0"

FOUNDATION PLAN

FOUNDATION DETAIL INDEX	
Sheet	Detail
S300	TYPICAL SLAB-ON-GROUND DETAILS
S300	COLUMN FOOTING SCHEDULE
S300	GRADEBEAM INTERSECTION DETAIL
S300	ANCHOR ROD EMBEDMENT FOR PRE-ENGINEERED METAL BUILDING COLUMNS
S300	STEPPED FOOTING DETAIL
S300	FLOOR SLAB PLACEMENT AT RE-ENTRY CORNERS
S300	PIPE/CONDUIT LINES AT CONTINUOUS FOOTINGS
S302	TIED JAMB STUDS DETAIL
S302	BOTTOM TRACK SPLICE DETAIL
S302	STUD BOTTOM TRACK DETAIL
S302	REINFORCEMENT AT STUD END
S302	DOOR JAMB ANCHORAGE DETAIL
S302	FIELD CUT HOLE DETAIL
S302	CORNER CONSTRUCTION DETAIL
S302	STUD LATERAL BRACING DETAIL

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S100
FOUNDATION PLAN

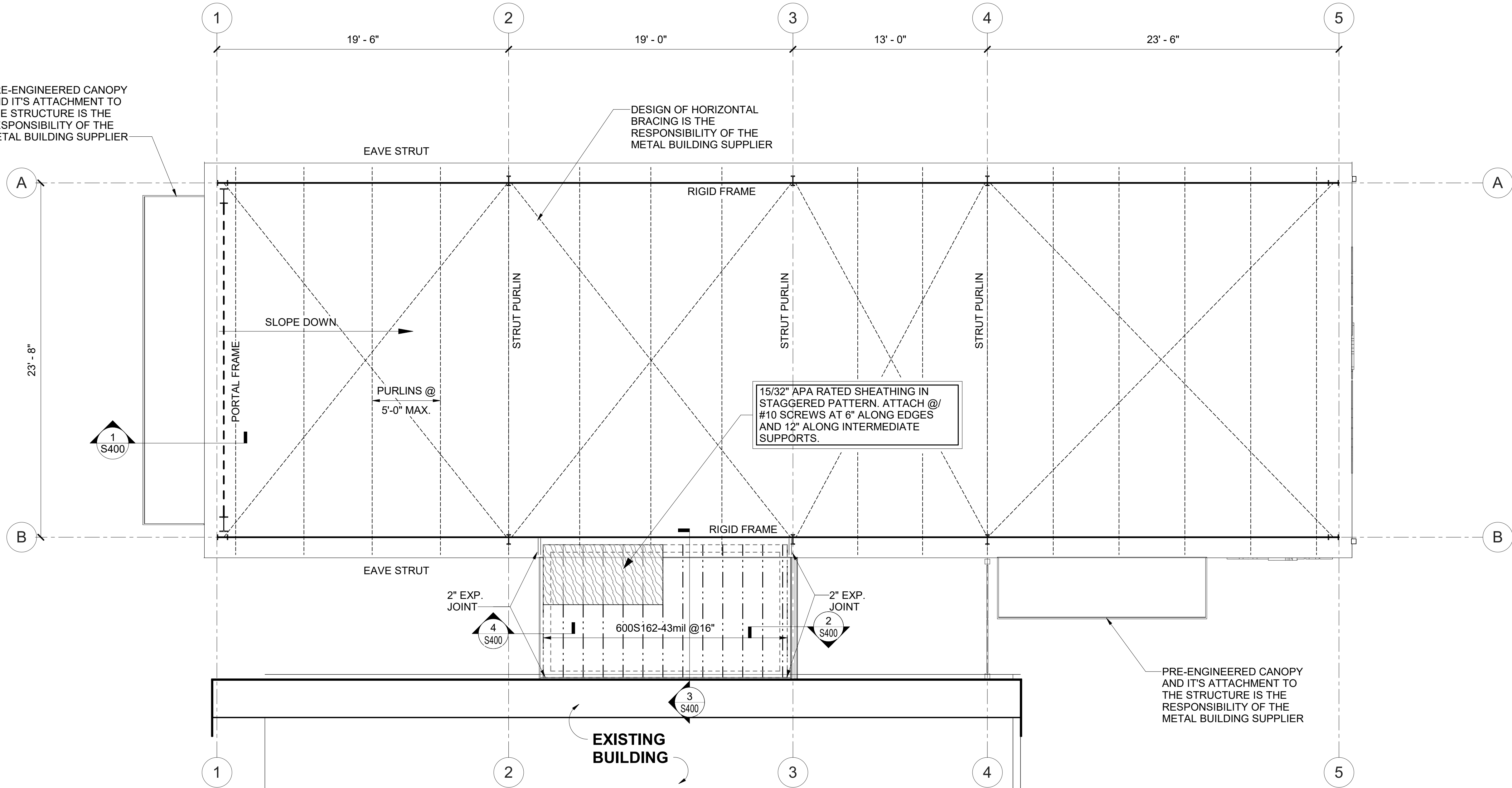
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Author	Checker	April 7, 2026

Scale	Project Number
As indicated	26002.00

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PRE-ENGINEERED CANOPY
AND IT'S ATTACHMENT TO
THE STRUCTURE IS THE
RESPONSIBILITY OF THE
METAL BUILDING SUPPLIER



2
1/4" = 1'-0"

ROOF FRAMING PLAN

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#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

S200

ROOF FRAMING PLAN

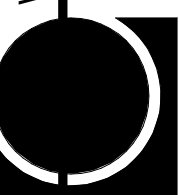
Drawn By C.F.	Checked By W.G.	Date April 7, 2026
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Scale As indicated	Project Number 26002.00
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26002.00

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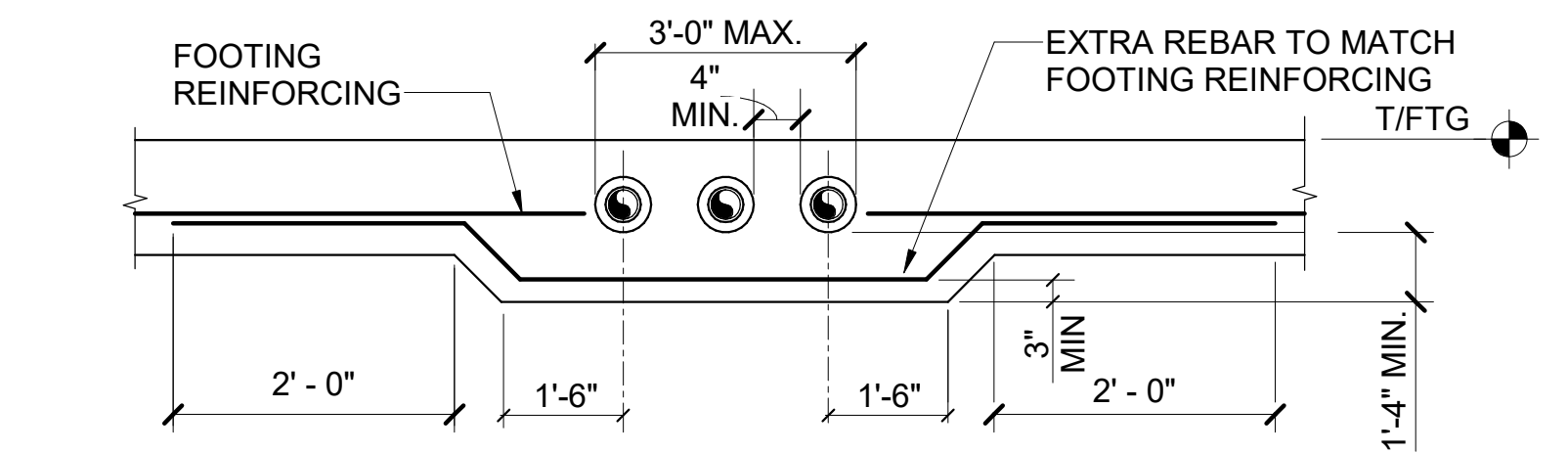
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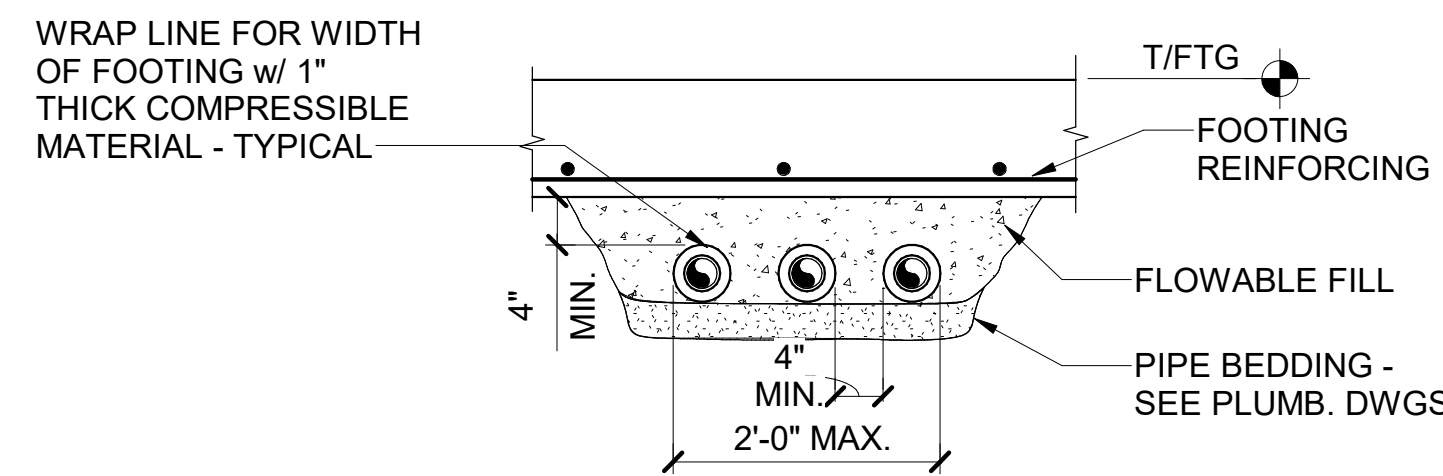
7

PIPE/CONDUIT LINES AT CONTINUOUS FOOTINGS

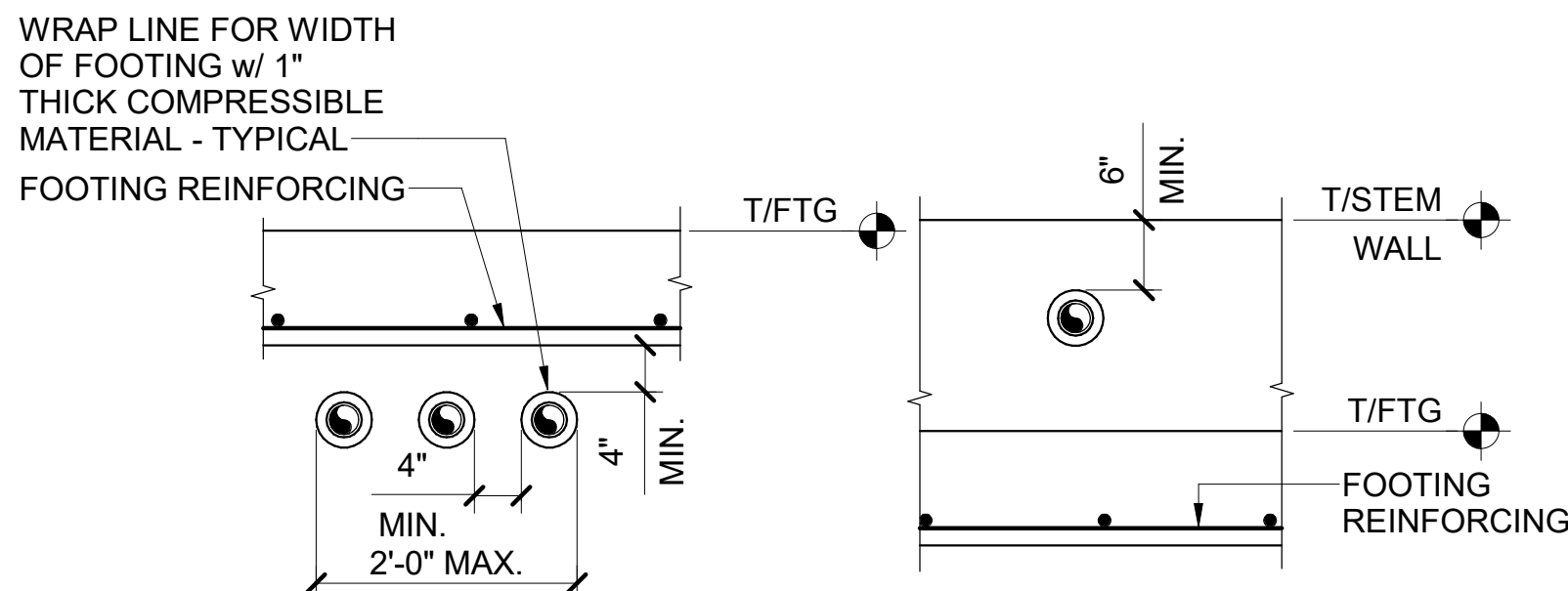
3/4" = 1'-0"



THROUGH FOOTING

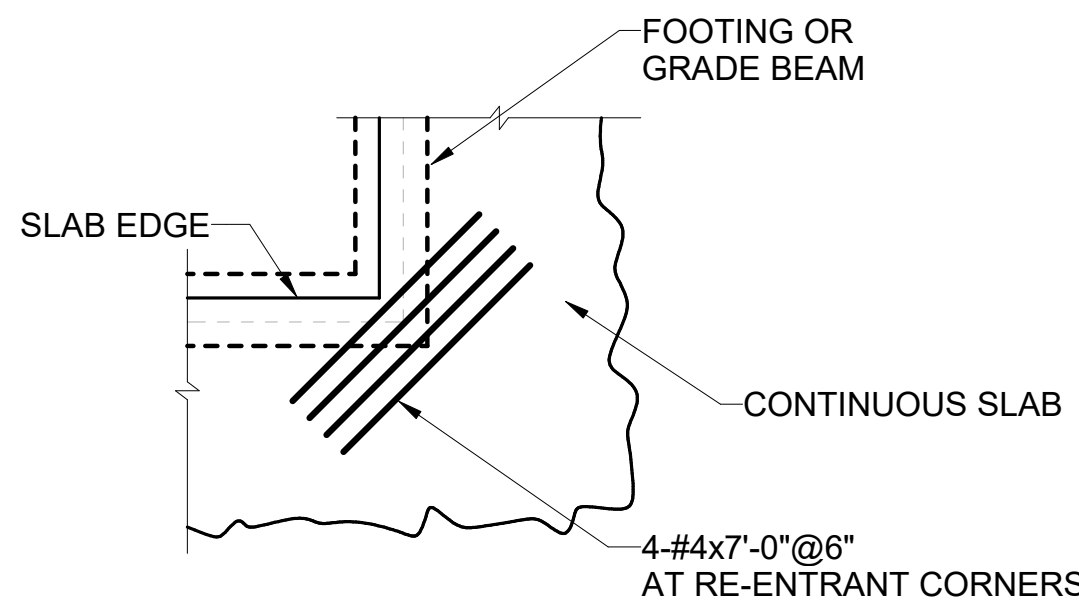


UNDER FOOTING
(PIPES PLACED AFTER FOOTING)



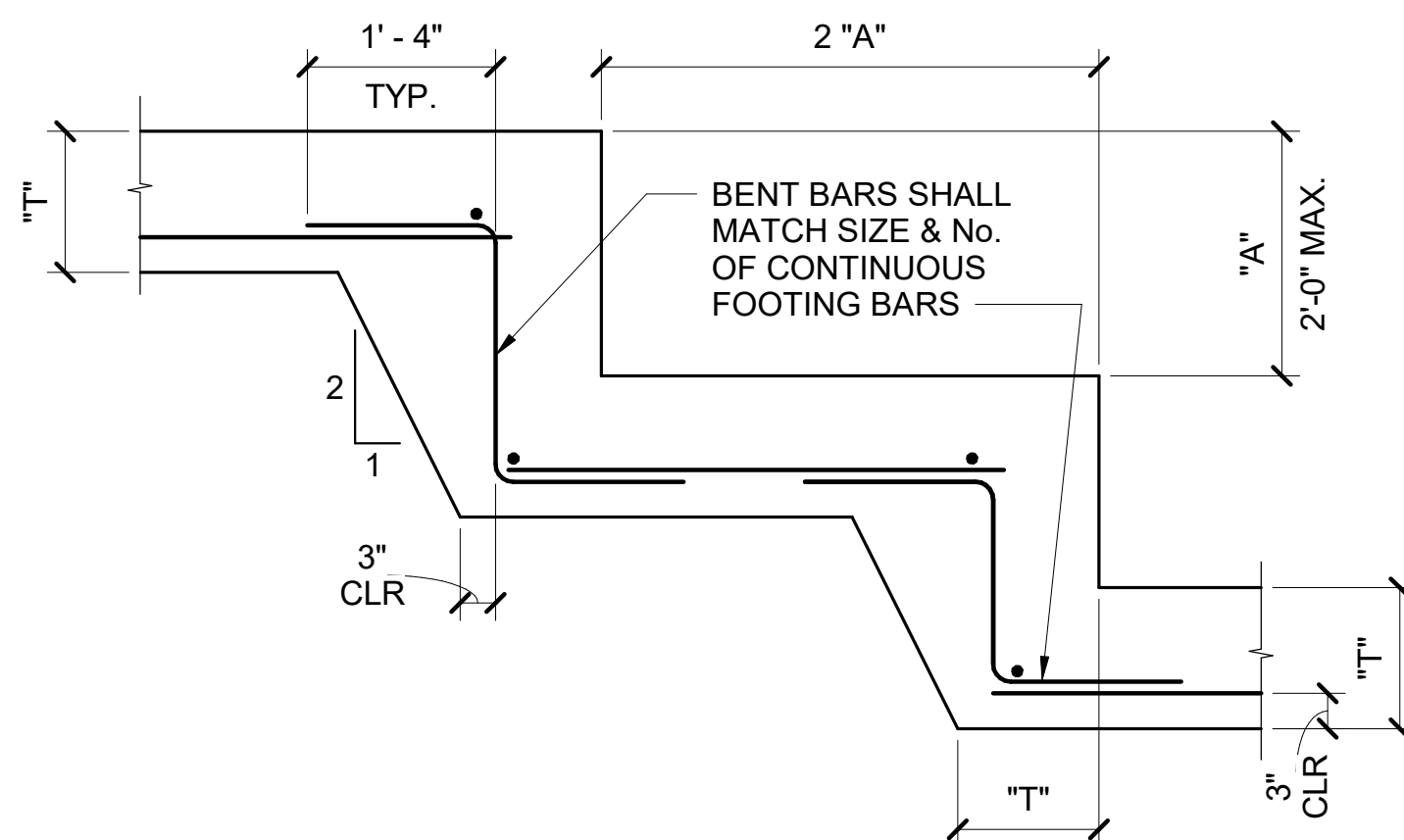
UNDER FOOTING
(PIPES PLACE PRIOR TO FOOTING)

THRU STEM WALL



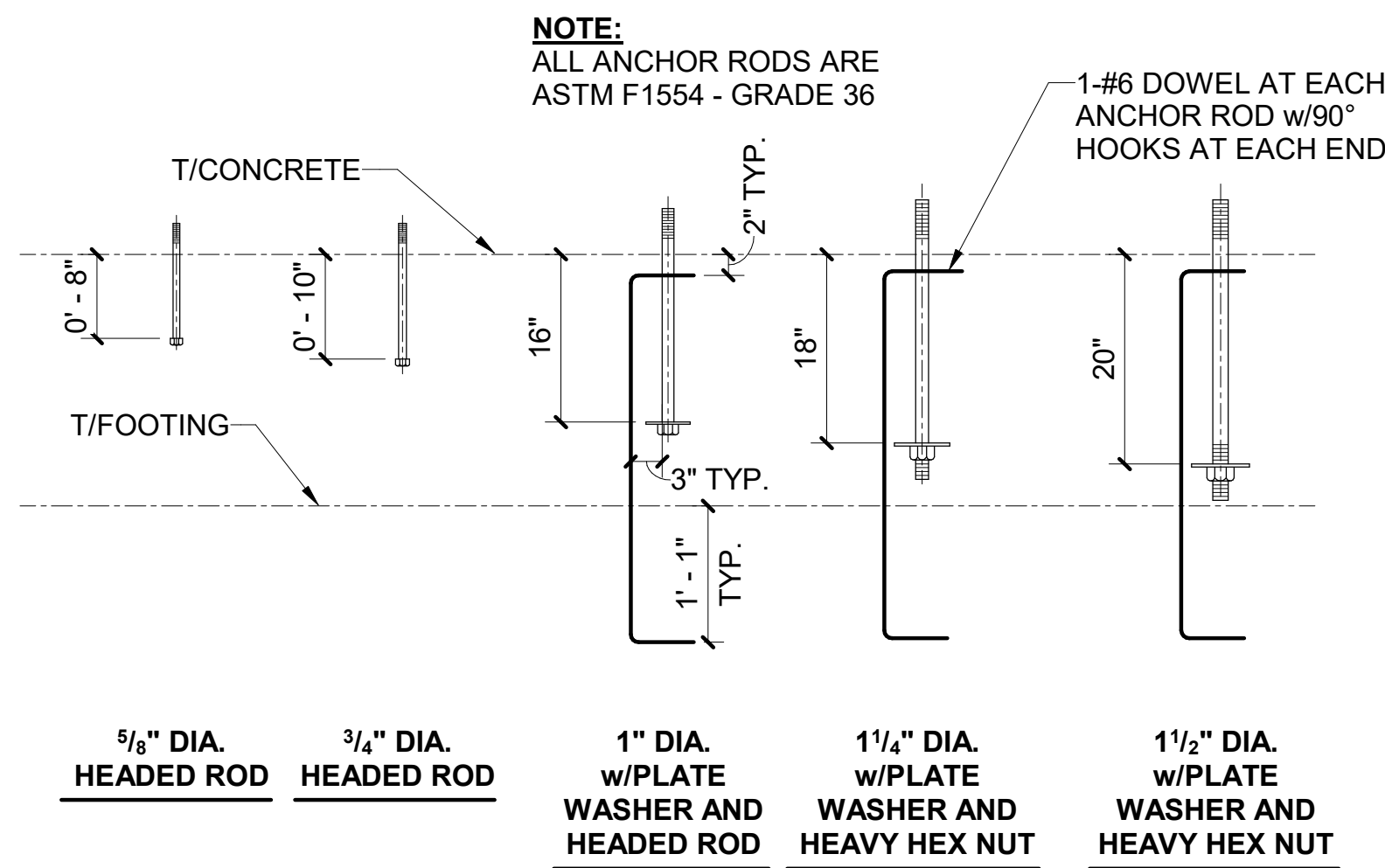
6 FLOOR SLAB PLACEMENT AT RE-ENTRY CORNERS

3/4" = 1'-0"



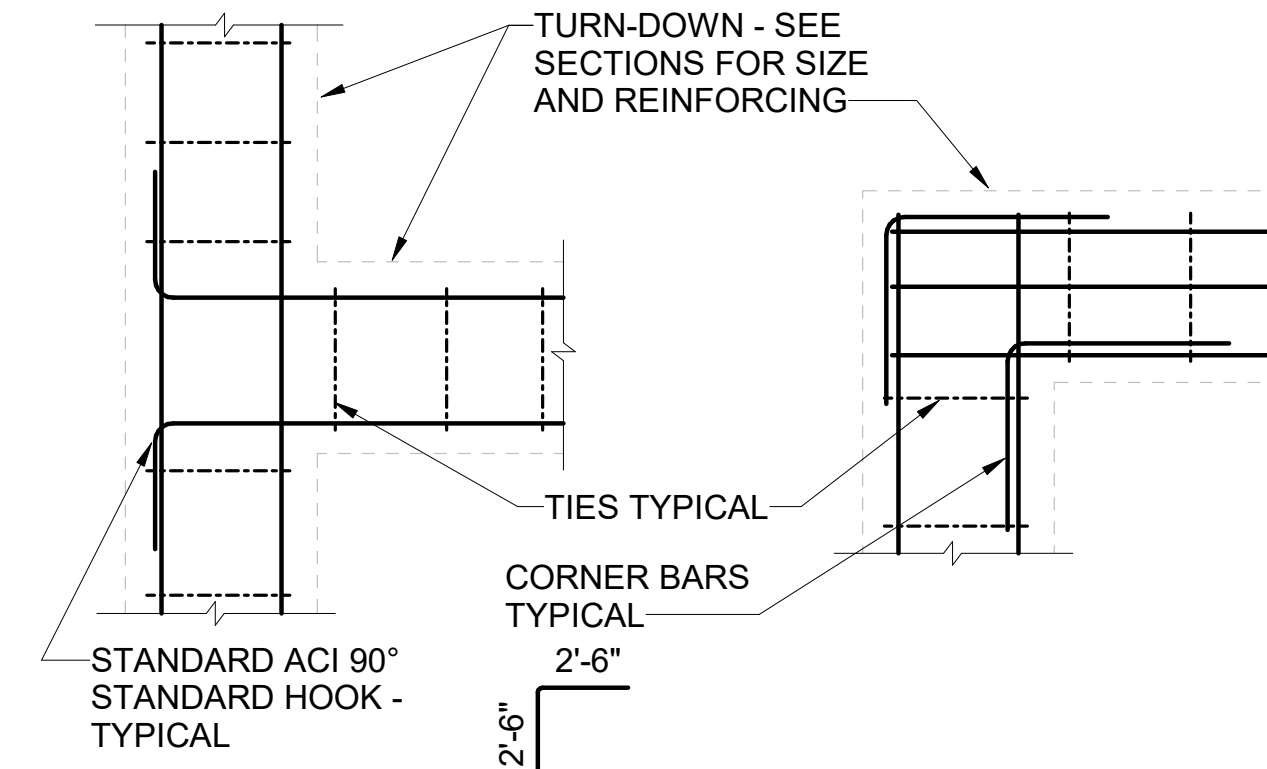
5 STEPPED FOOTING DETAIL

3/4" = 1'-0"



4 ANCHOR ROD EMBEDMENT FOR PRE-ENGINEERED METAL BUILDING COLUMNS

3/4" = 1'-0"



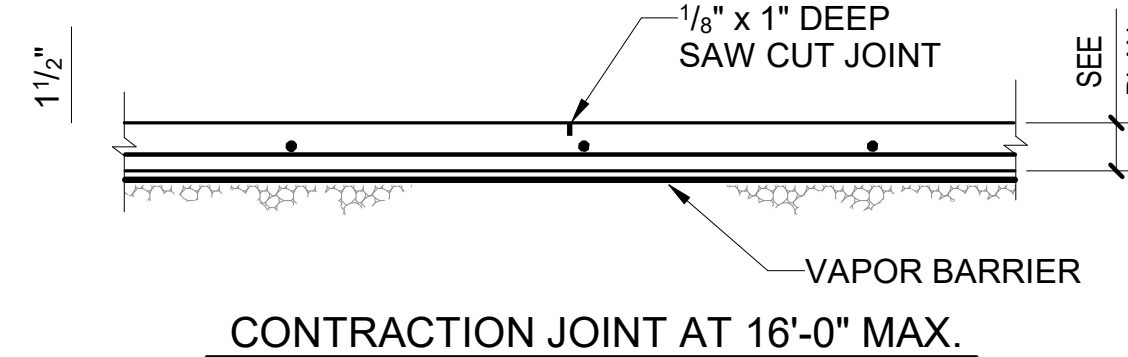
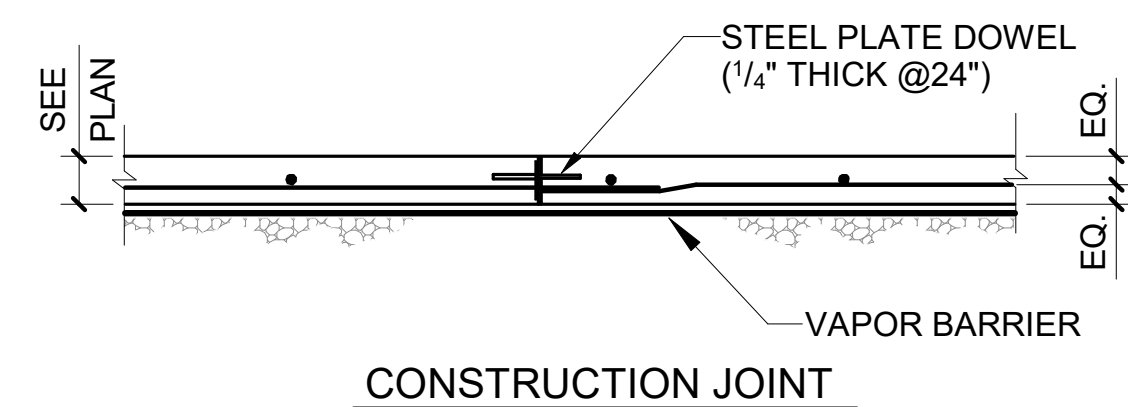
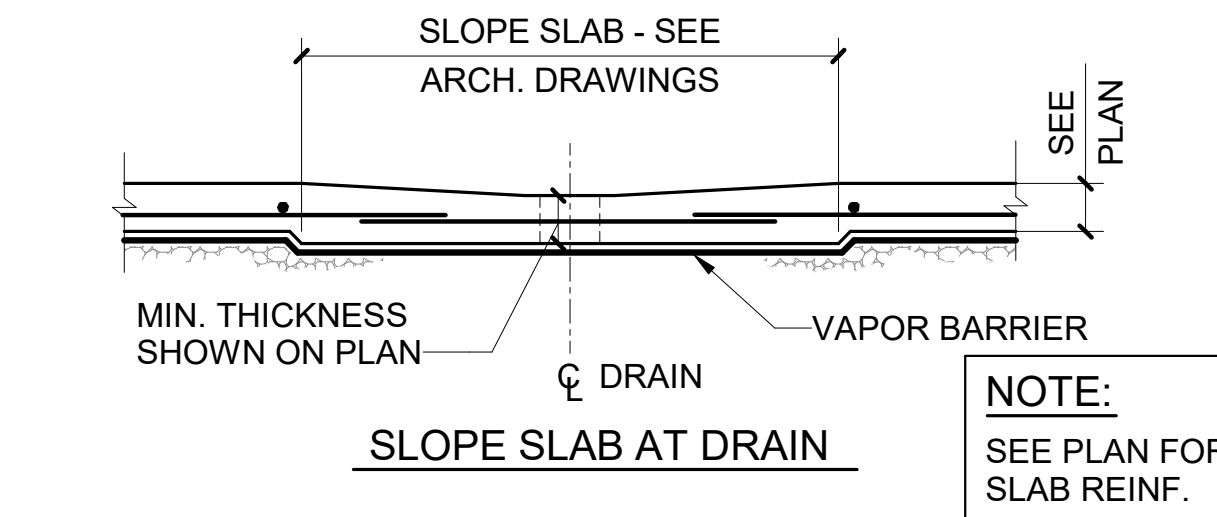
3 GRADEBEAM INTERSECTION DETAIL

3/4" = 1'-0"

COLUMN FOOTING SCHEDULE			
MARK	SIZE	TOP & BOTTOM REINF. EACH WAY	REMARKS
F5	5'-0"x5'-0"x1'-6"	(6) - #6	-

2 COLUMN FOOTING SCHEDULE

3/4" = 1'-0"



1 TYPICAL SLAB-ON-GROUND DETAILS

3/4" = 1'-0"

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FBO Expansion
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

S300

FOUNDATION SECTIONS AND
DETAILS

Drawn By	Checked By	Date
C.F.	W.G.	April 7, 2026

Scale
3/4" = 1'-0"

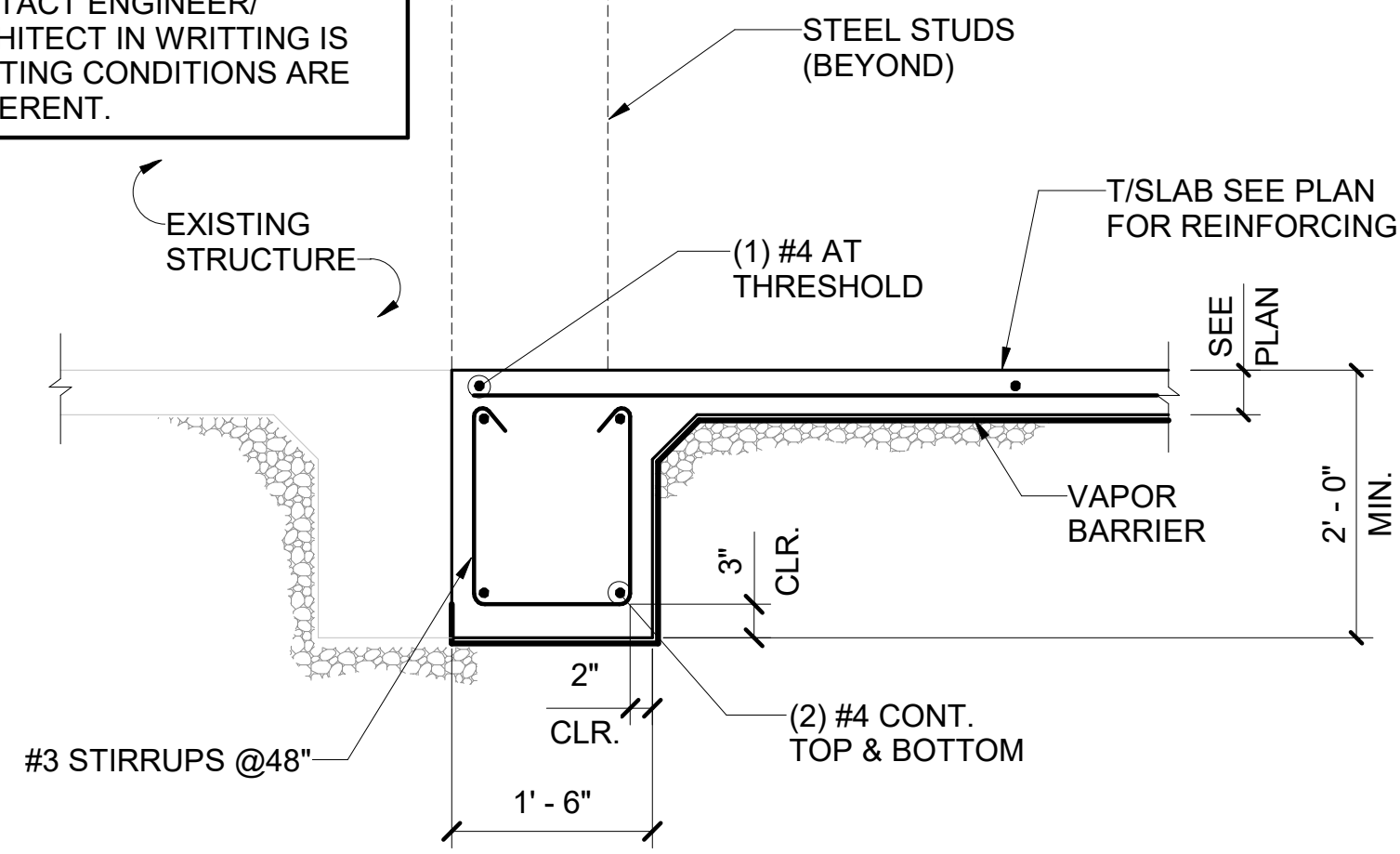
Project Number
26002.00

26002.00

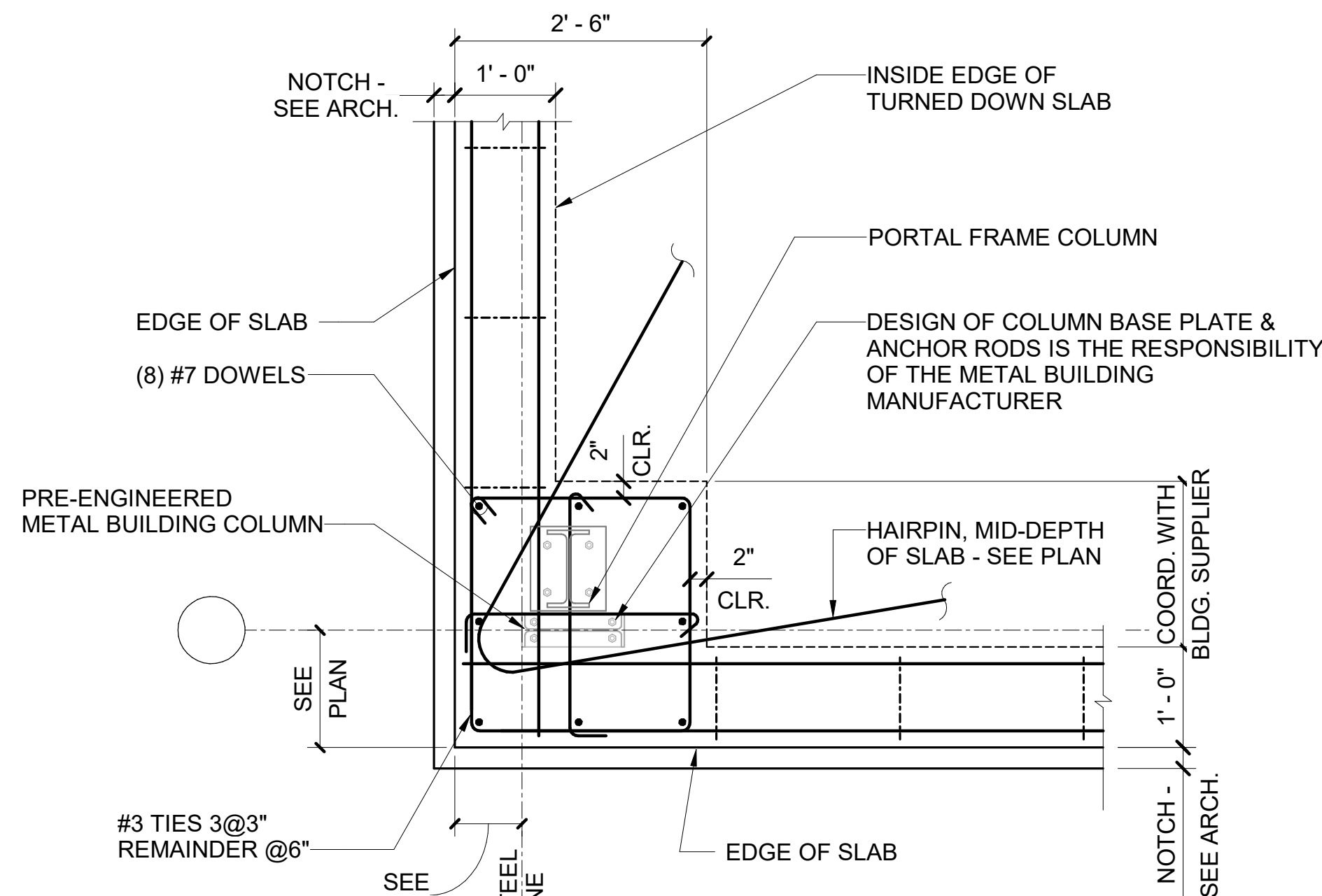
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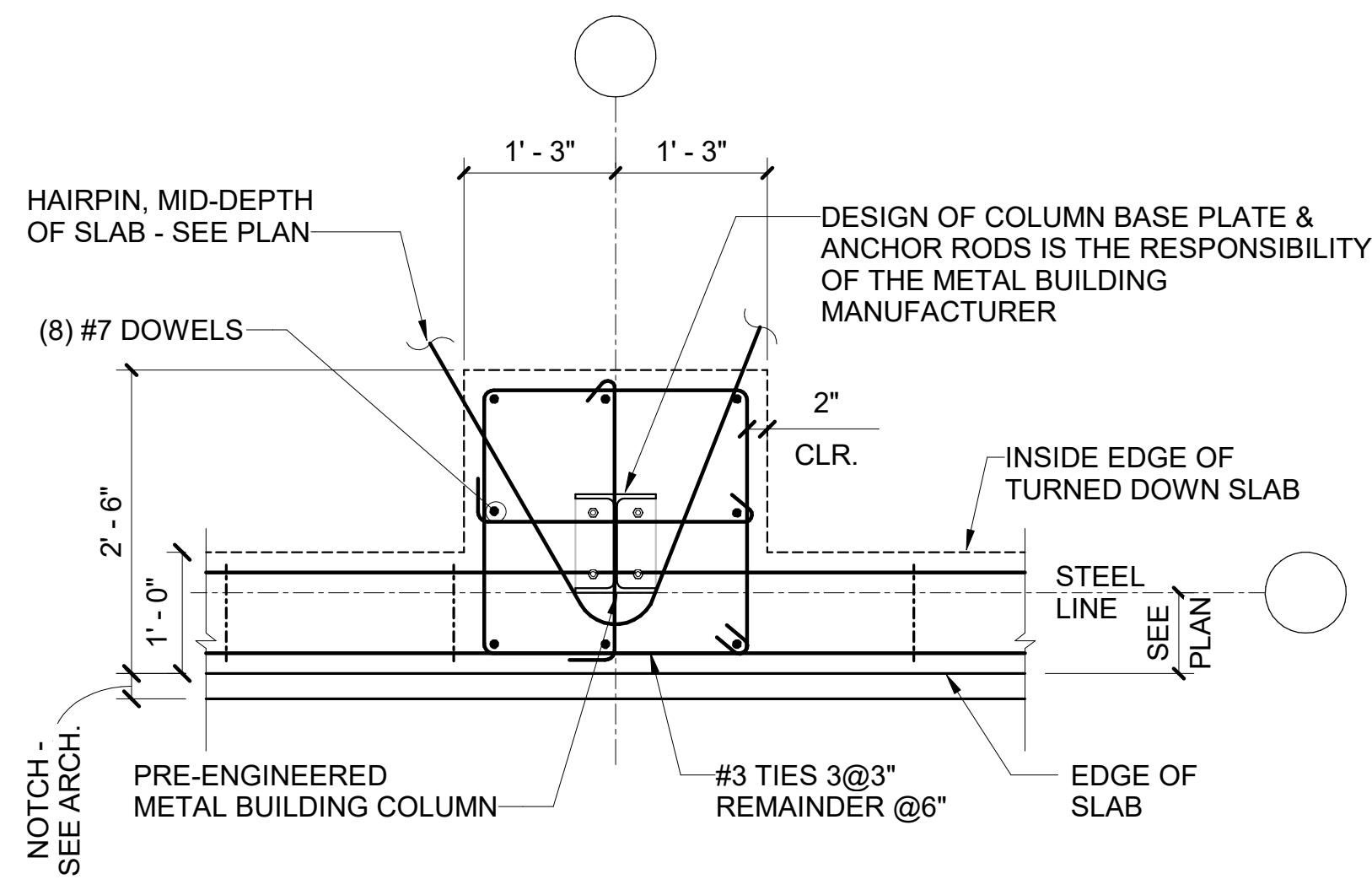
EXISTING CONDITIONS ARE ASSUMED, CONTRACTOR TO CONTACT ENGINEER/ARCHITECT IN WRITTING IS EXISTING CONDITIONS ARE DIFFERENT.



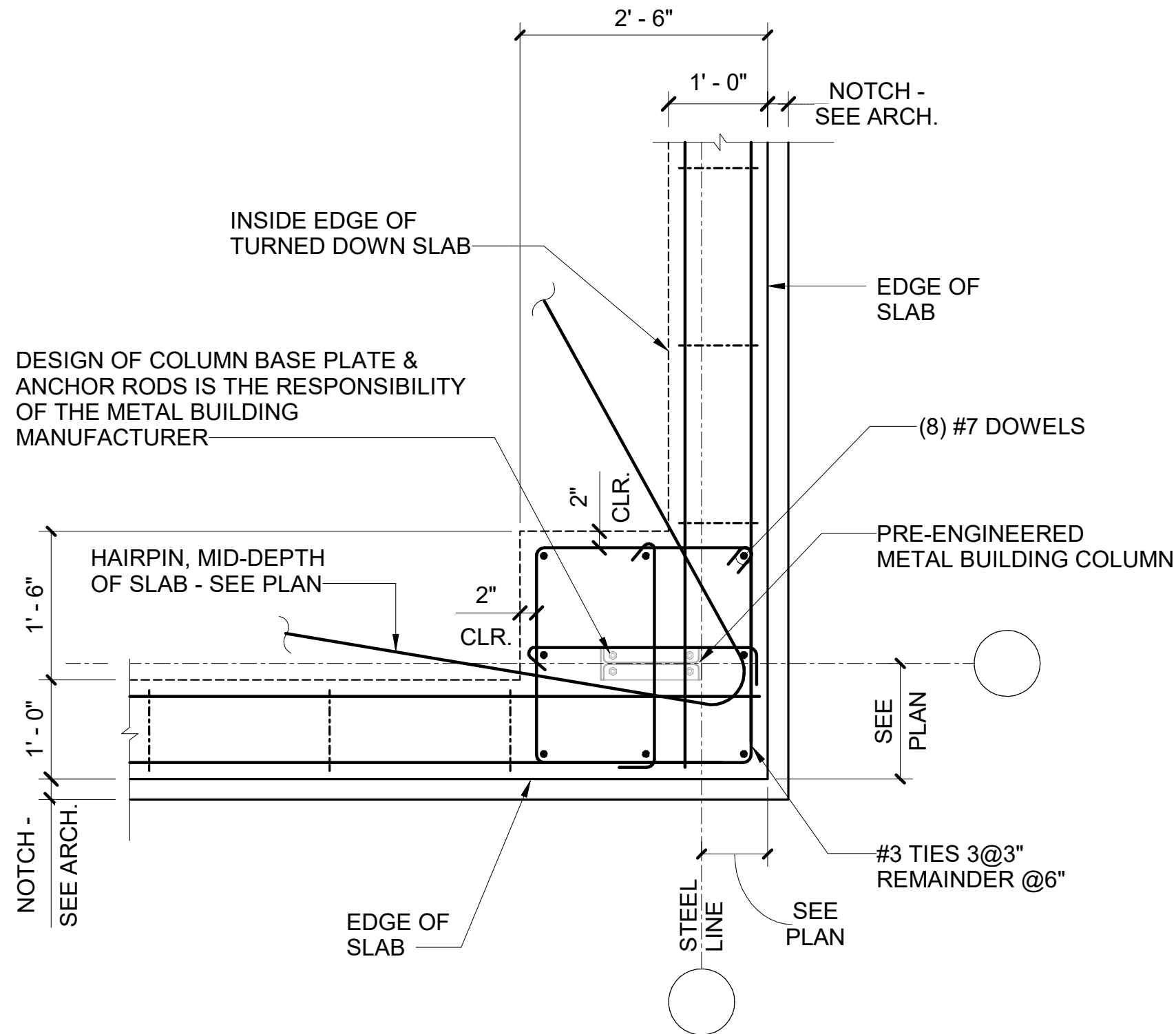
8 SECTION AT EXISTING
3/4" = 1'-0"



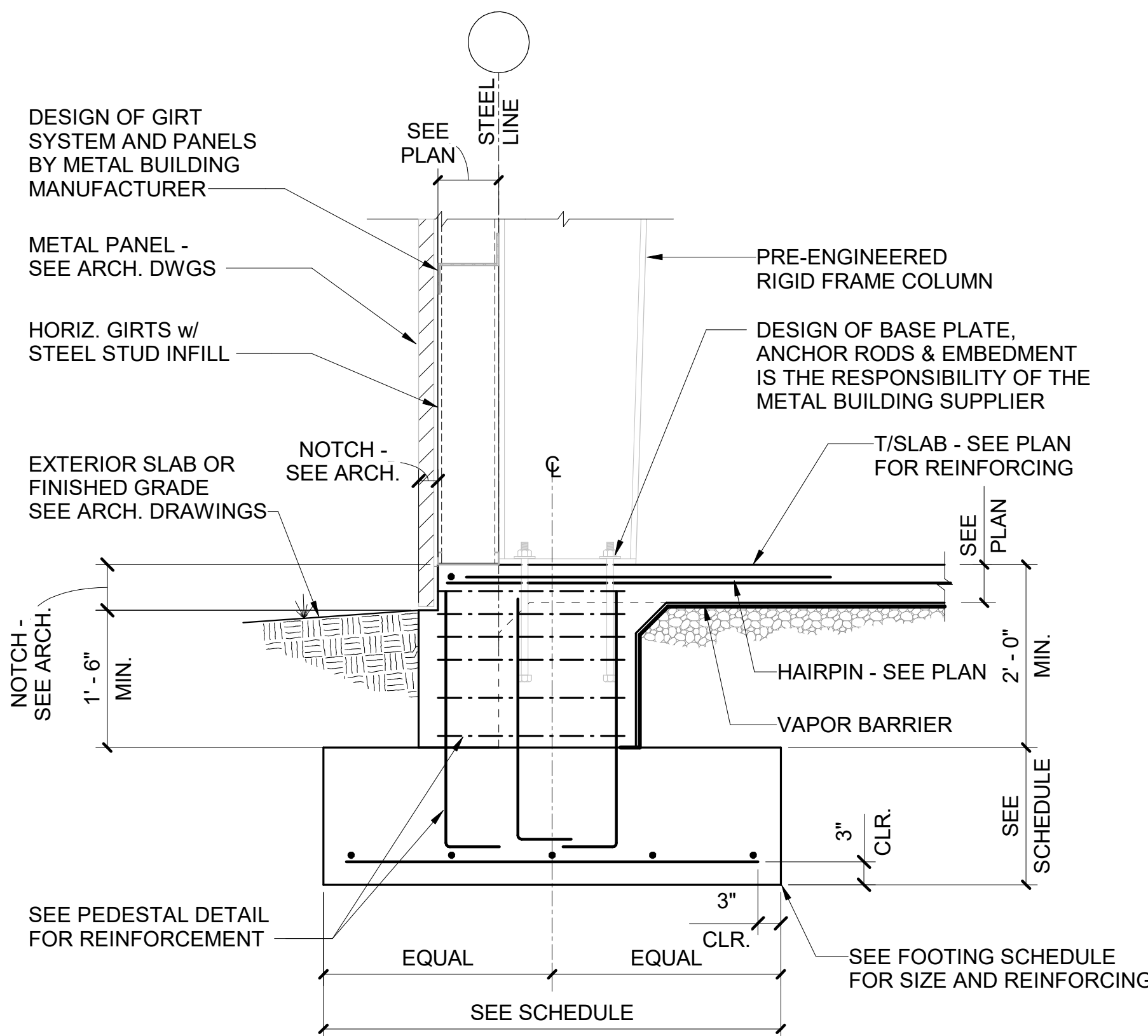
7 PEDESTAL DETAIL AT PORTAL FRAME
3/4" = 1'-0"



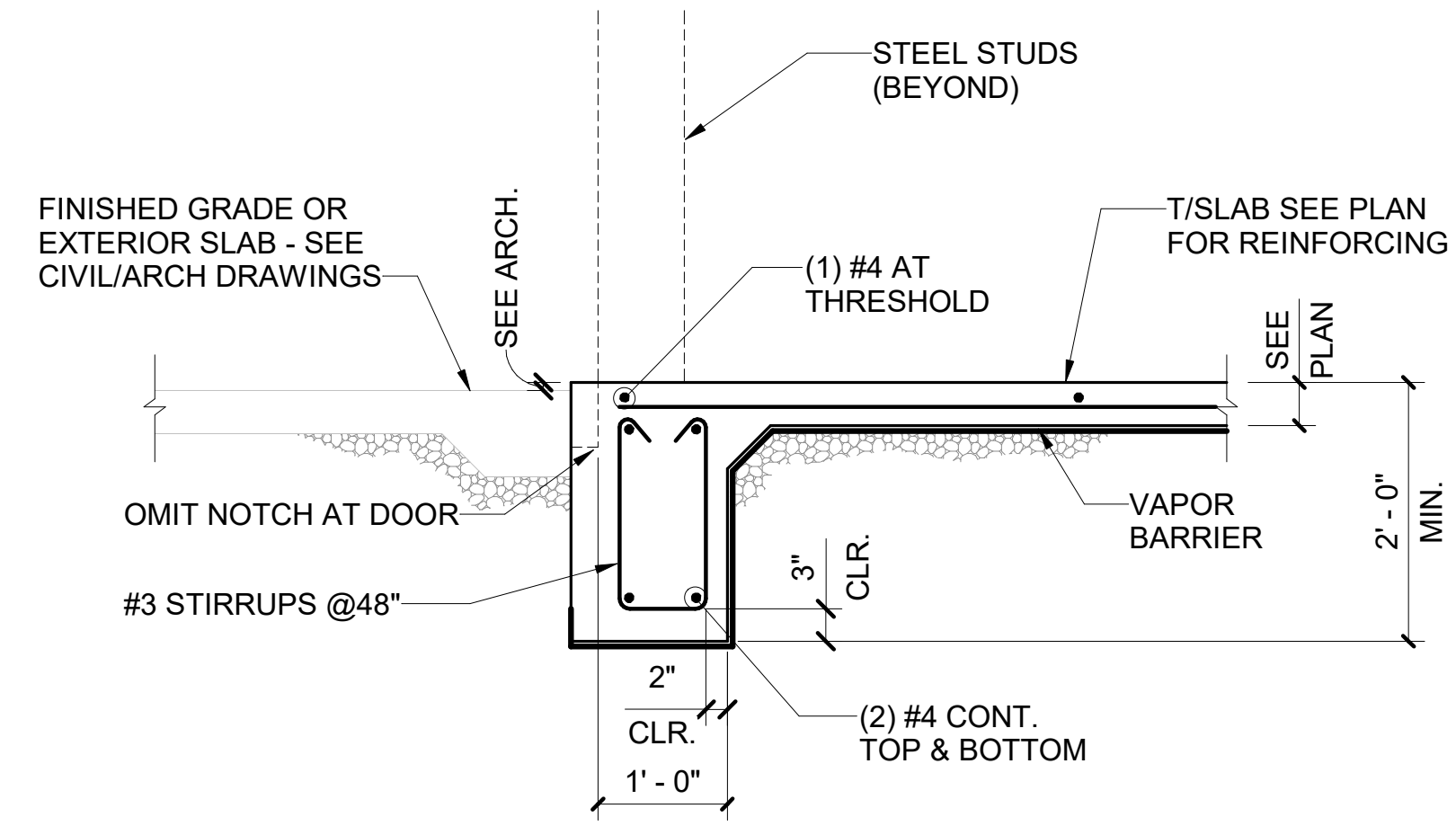
6 PEDESTAL DETAIL
3/4" = 1'-0"



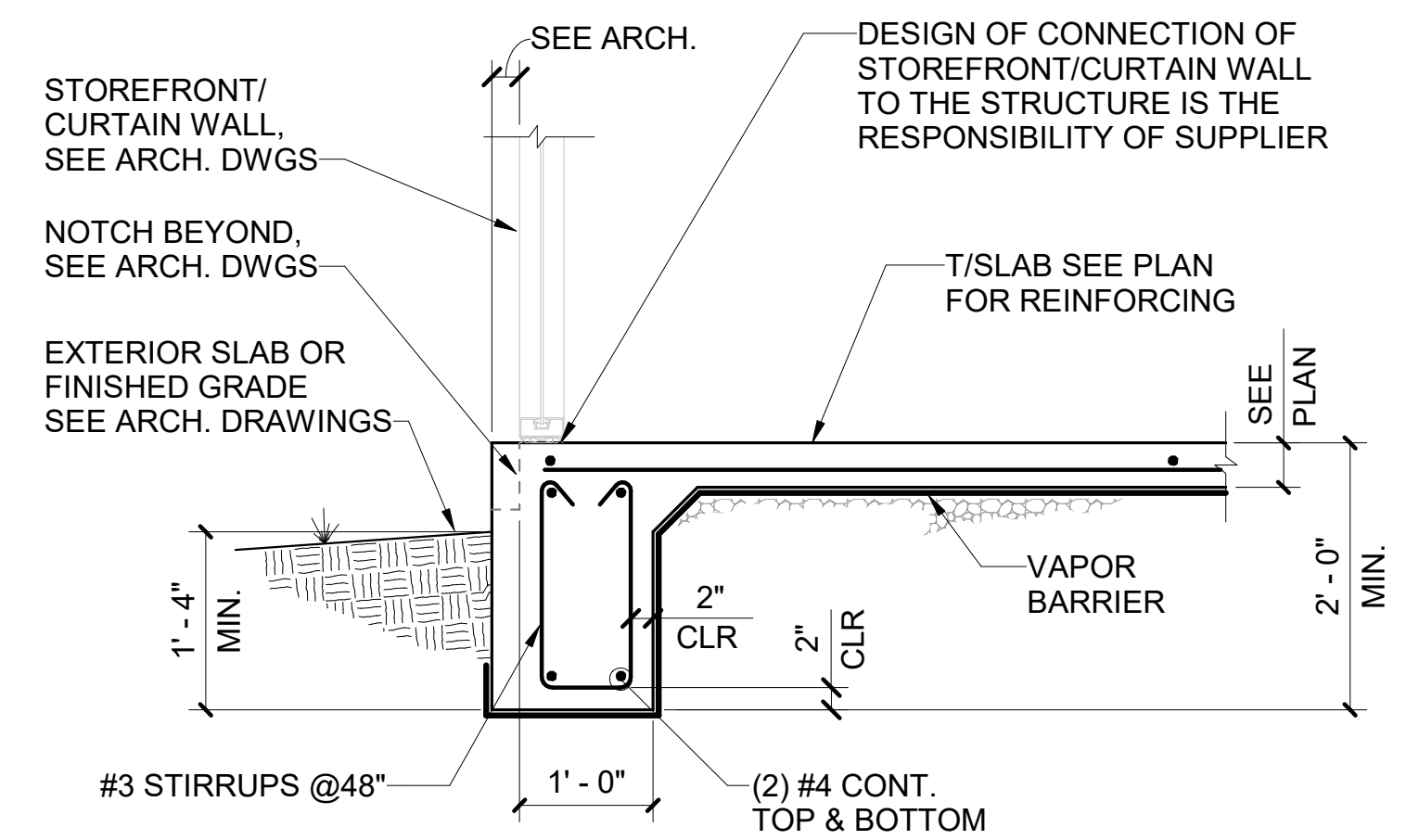
5 PEDESTAL DETAIL
3/4" = 1'-0"



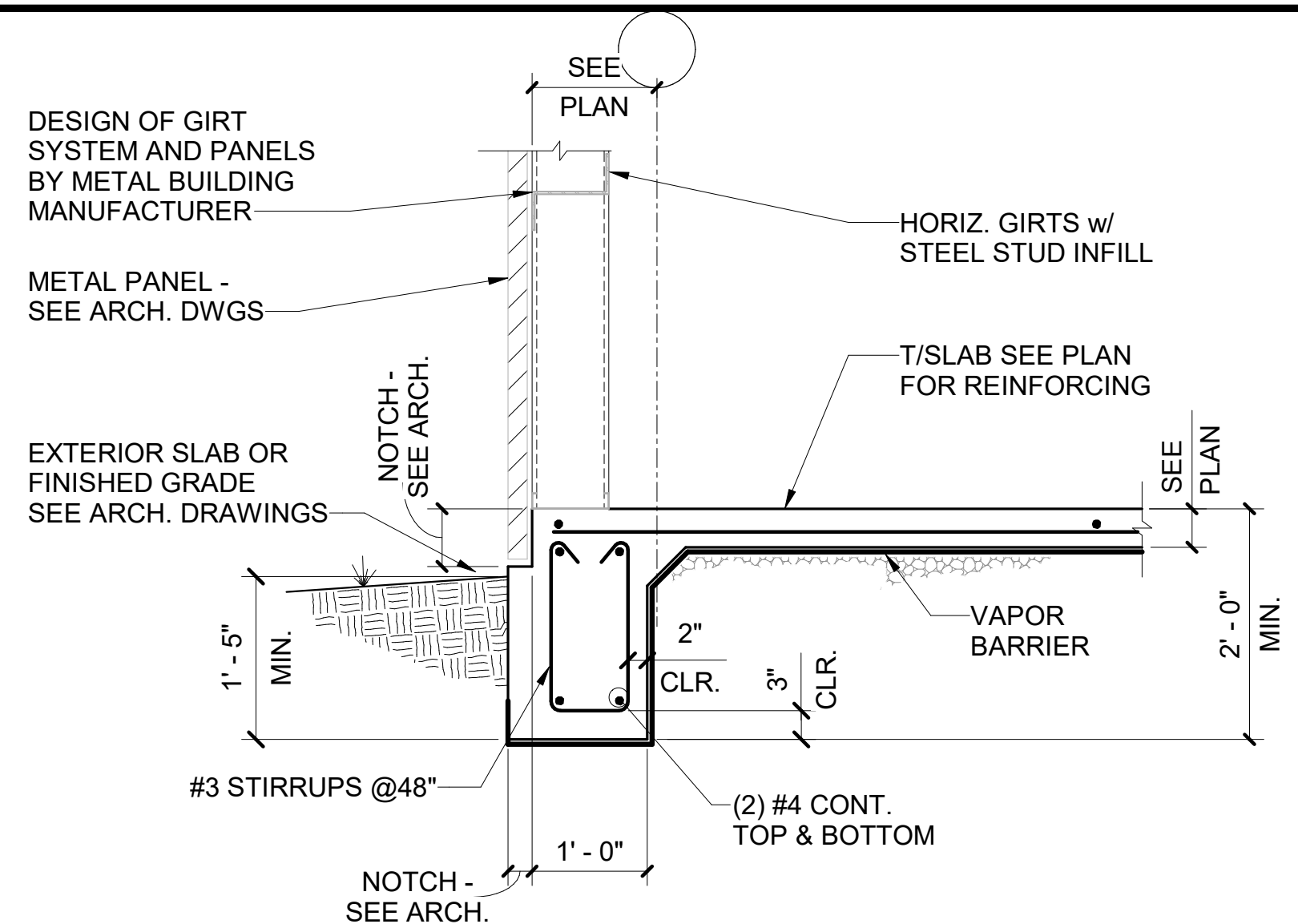
4 EXTERIOR SECTION AT RIGID FRAME
3/4" = 1'-0"



3 EXTERIOR SECTION AT DOOR OPENING
3/4" = 1'-0"



2 EXTERIOR SECTION AT STOREFRONT
3/4" = 1'-0"



1 SECTION AT EXTERIOR SLAB
3/4" = 1'-0"

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Golden Triangle Regional Airport

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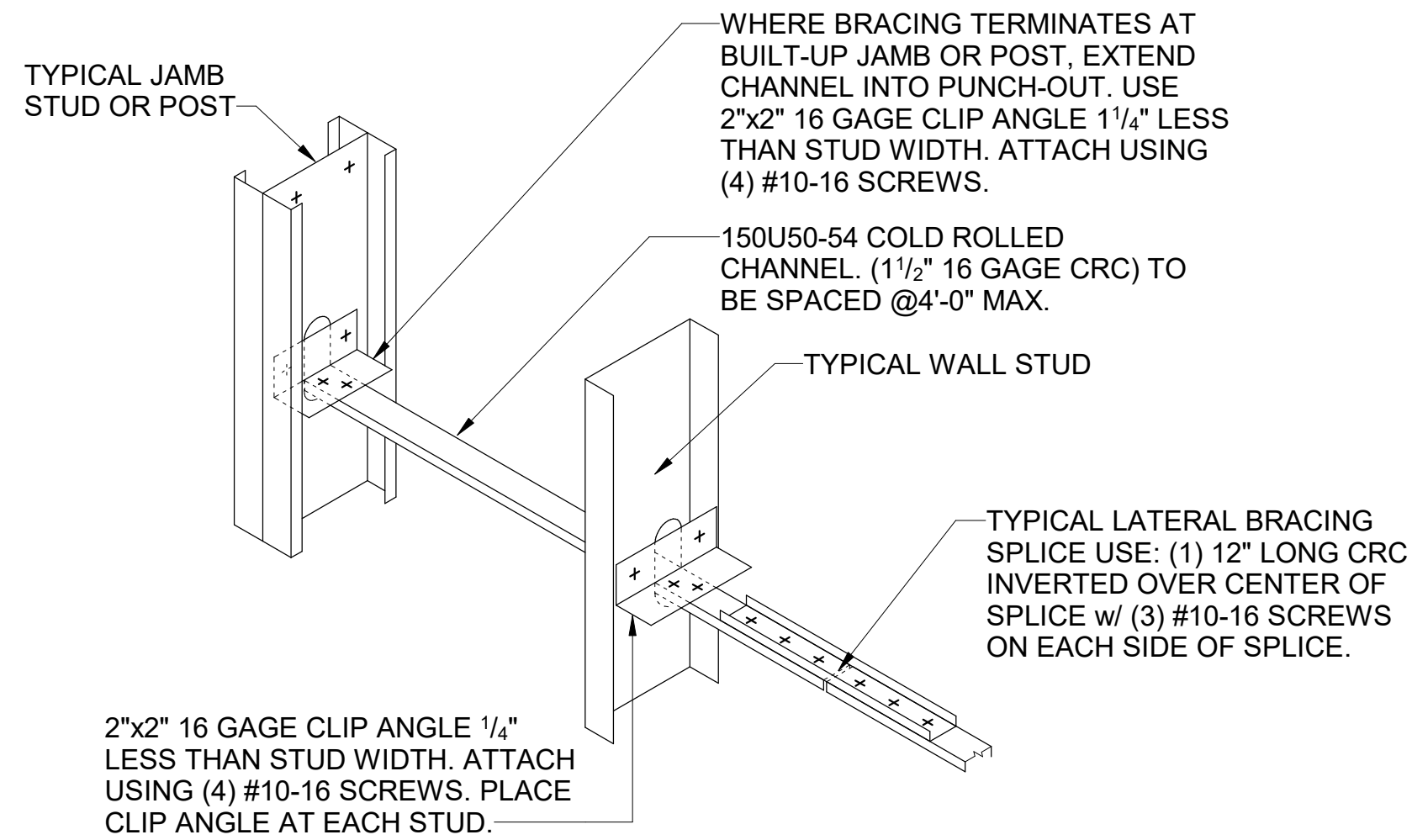
S301
FOUNDATION SECTIONS AND
DETAILS

Drawn By	Checked By	Date
C.F.	W.G.	April 7, 2026

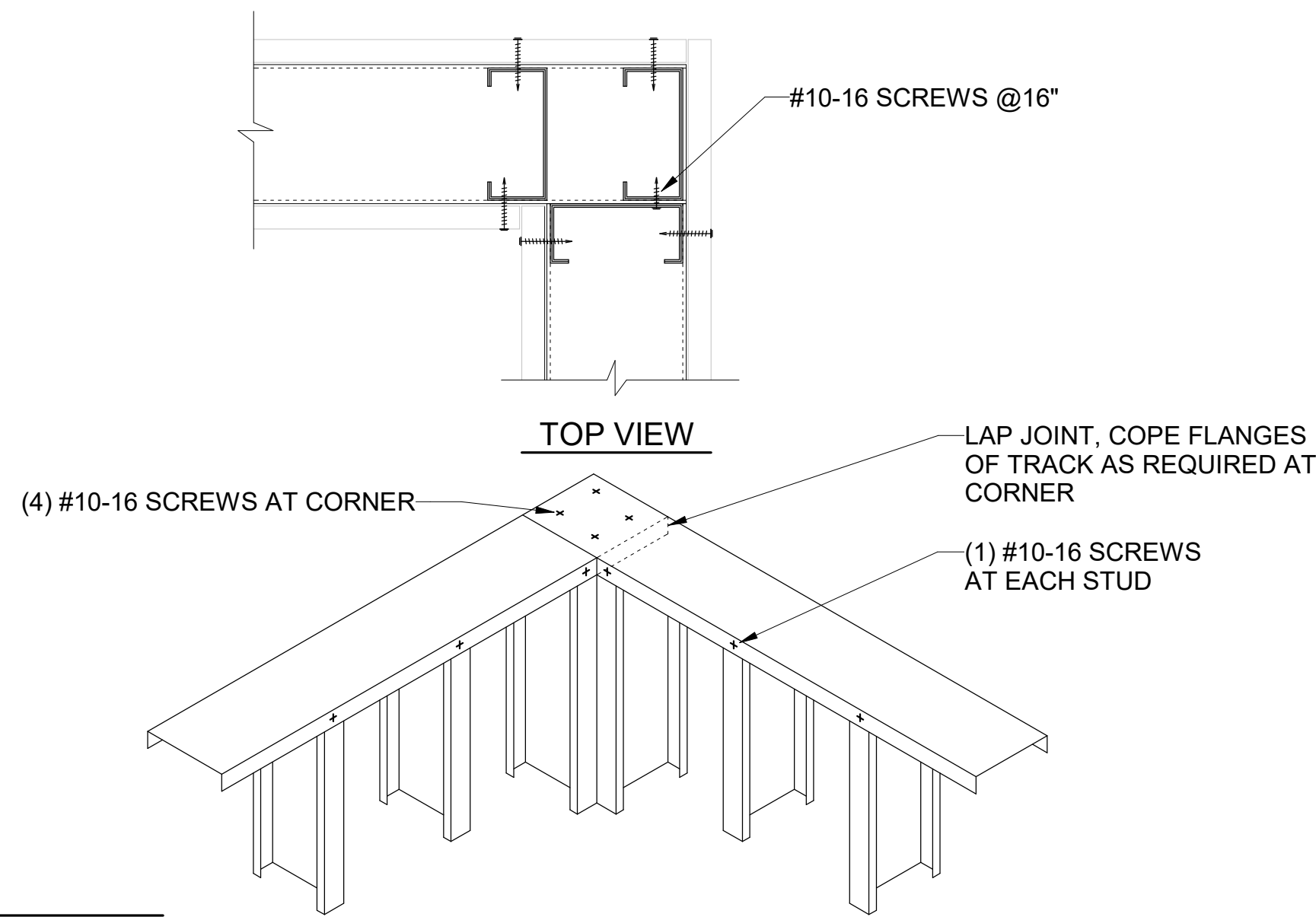
Scale
3/4" = 1'-0"

Project Number
26002.00

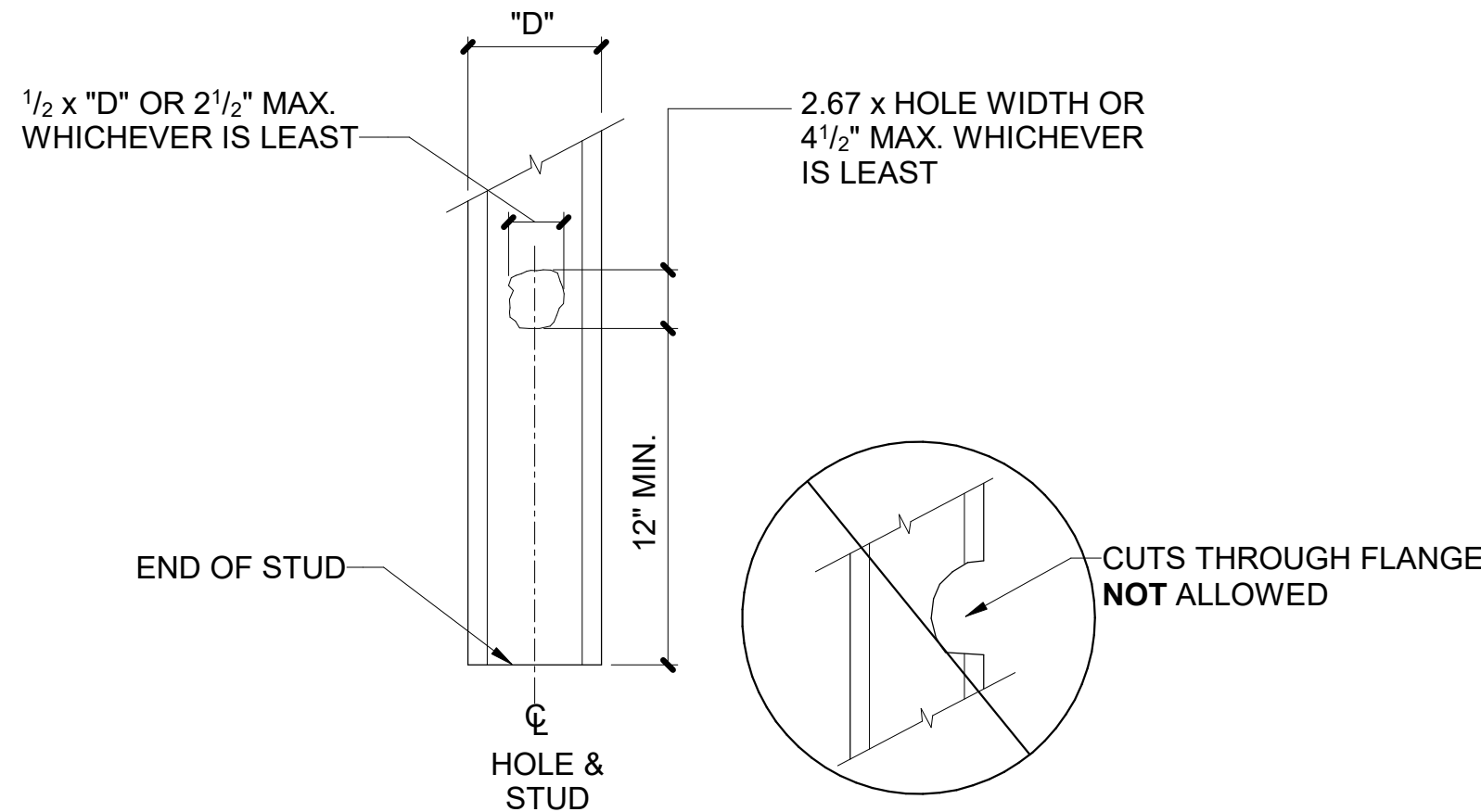
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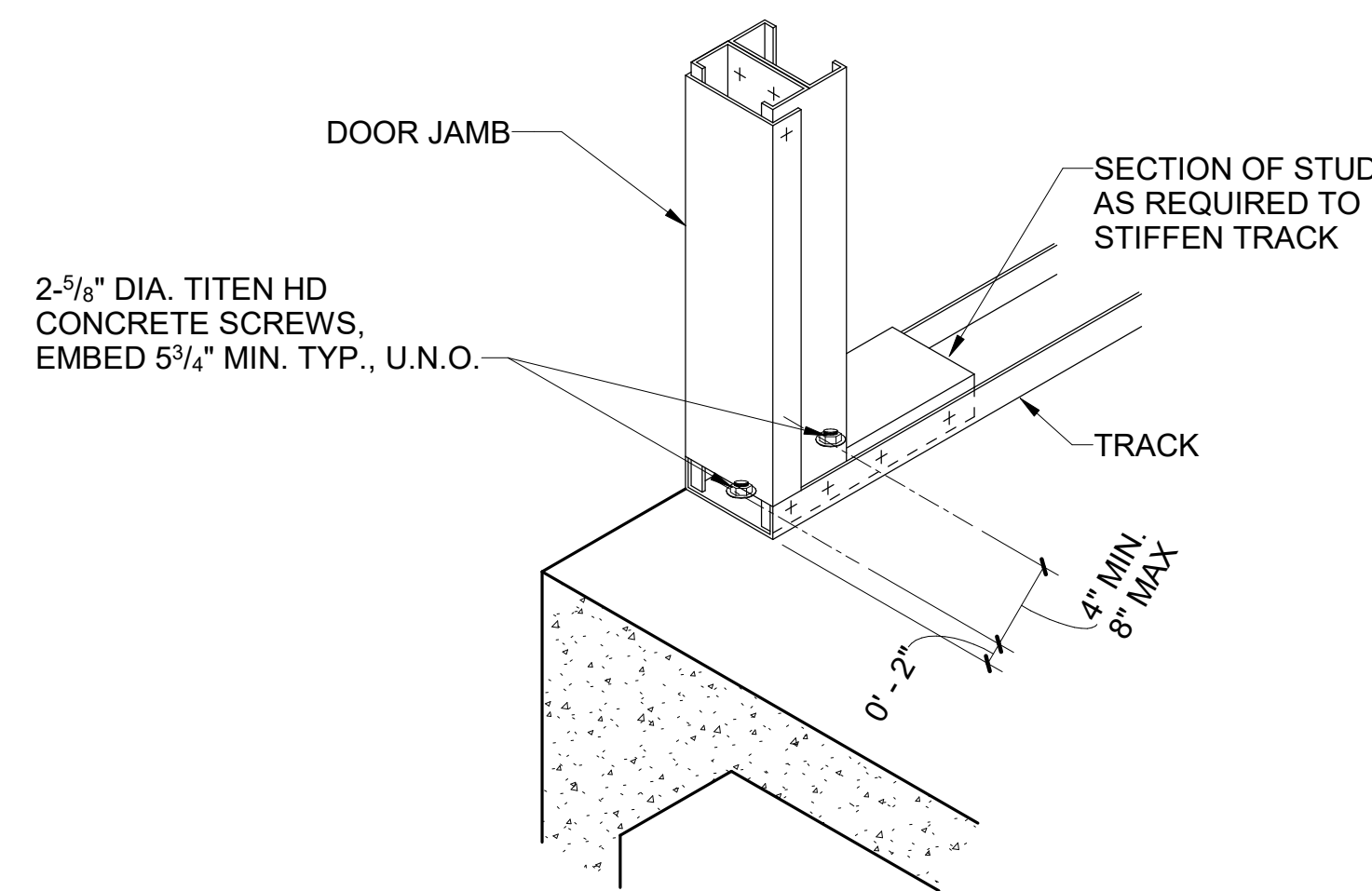
8 STUD LATERAL BRACING DETAIL
3/4" = 1'-0"



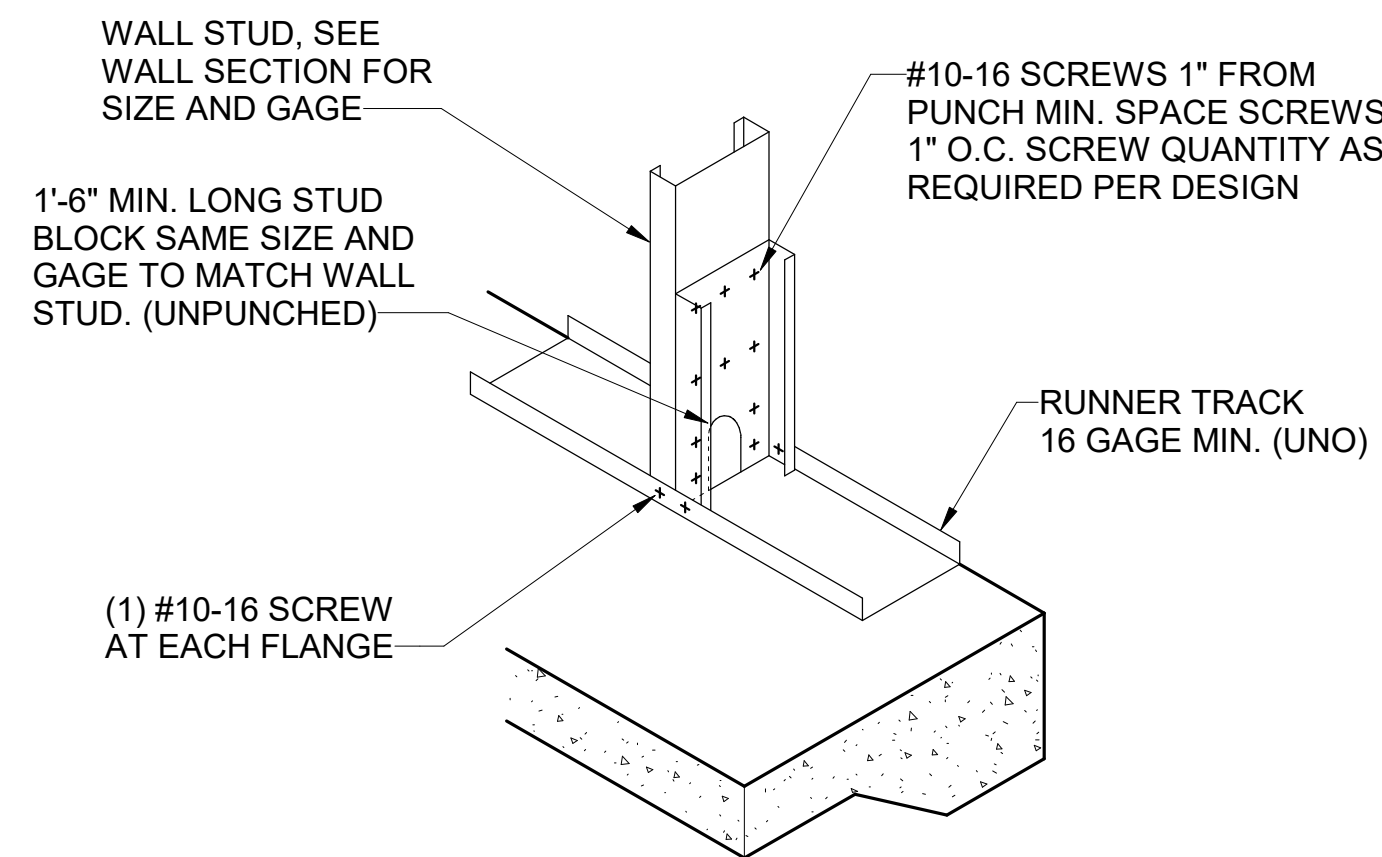
7 CORNER CONSTRUCTION DETAIL
3/4" = 1'-0"



6 FIELD CUT HOLE DETAIL
3/4" = 1'-0"

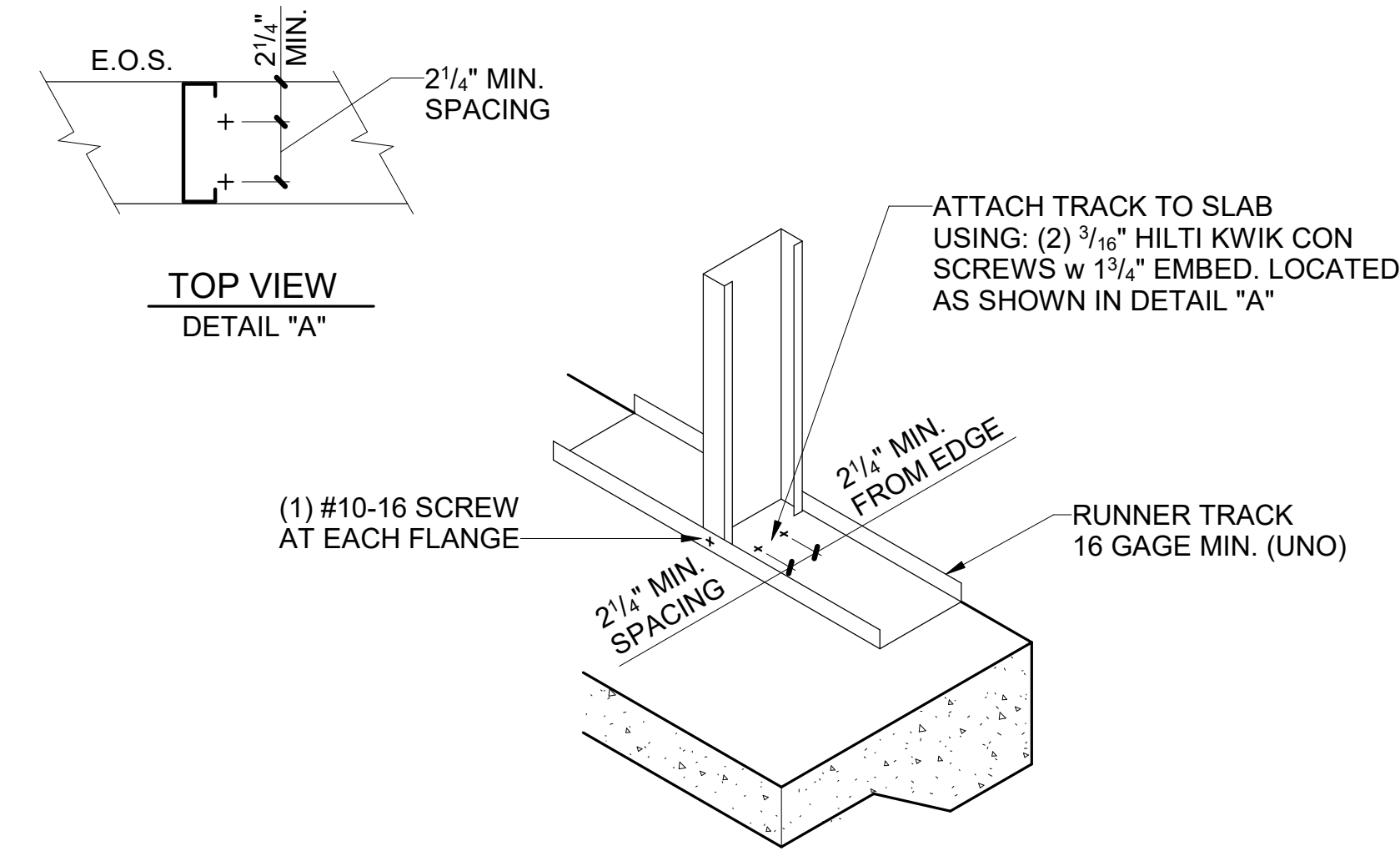


5 DOOR JAMB ANCHORAGE DETAIL
3/4" = 1'-0"

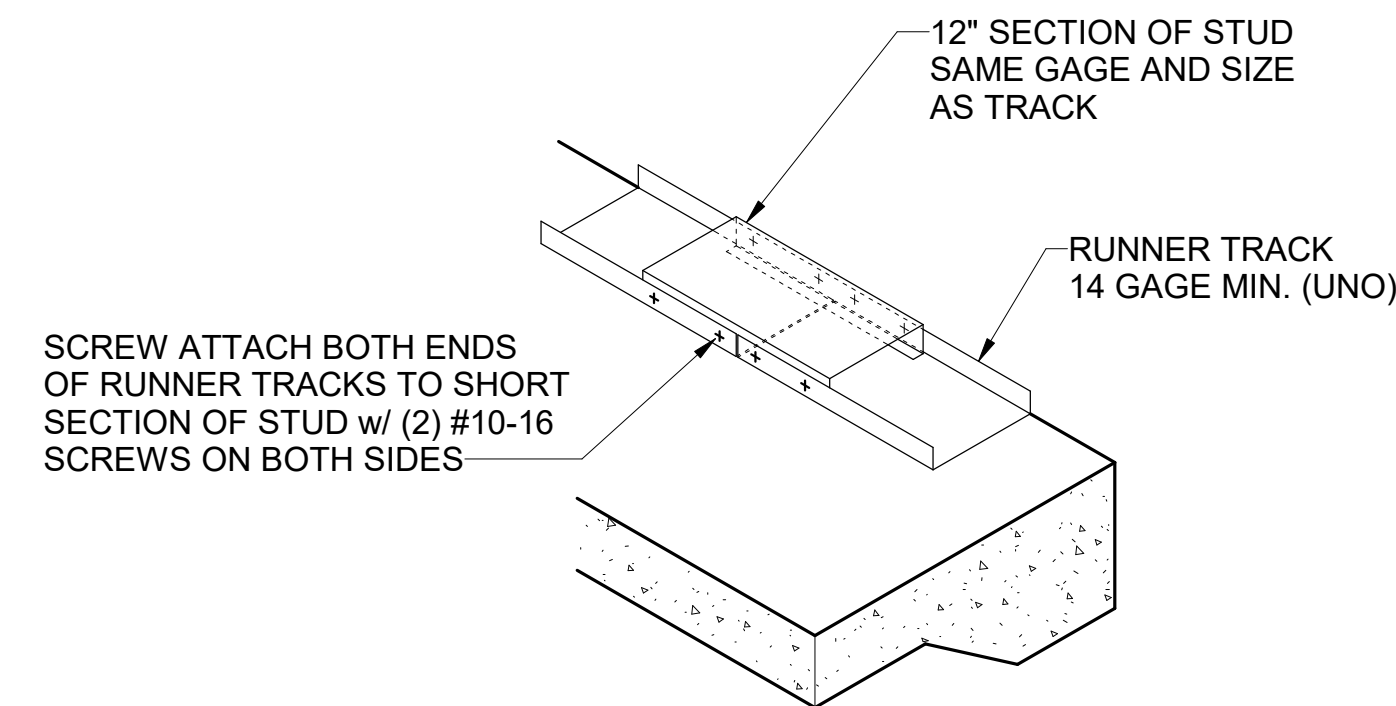


4 REINFORCEMENT AT STUD END
3/4" = 1'-0"

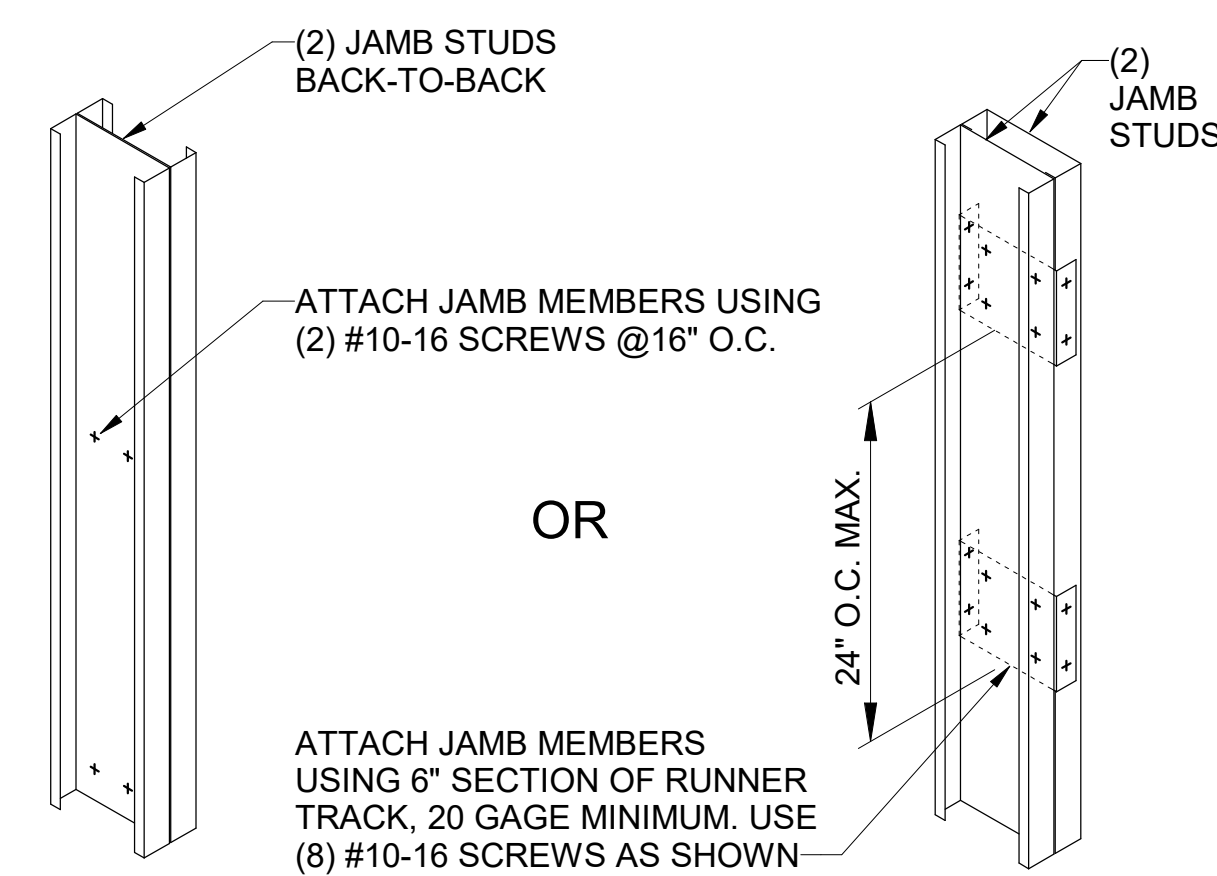
NOTE: WHERE FIELD CUTS CAUSE PUNCHOUT TO OCCUR AT STUD/RUNNER INTERSECTION REINFORCE STUD AS SHOWN FOR SCREW ATTACHMENT.



3 STUD BOTTOM TRACK DETAIL
3/4" = 1'-0"



2 BOTTOM TRACK SPLICE DETAIL
3/4" = 1'-0"



1 TIED JAMB STUDS DETAIL
3/4" = 1'-0"

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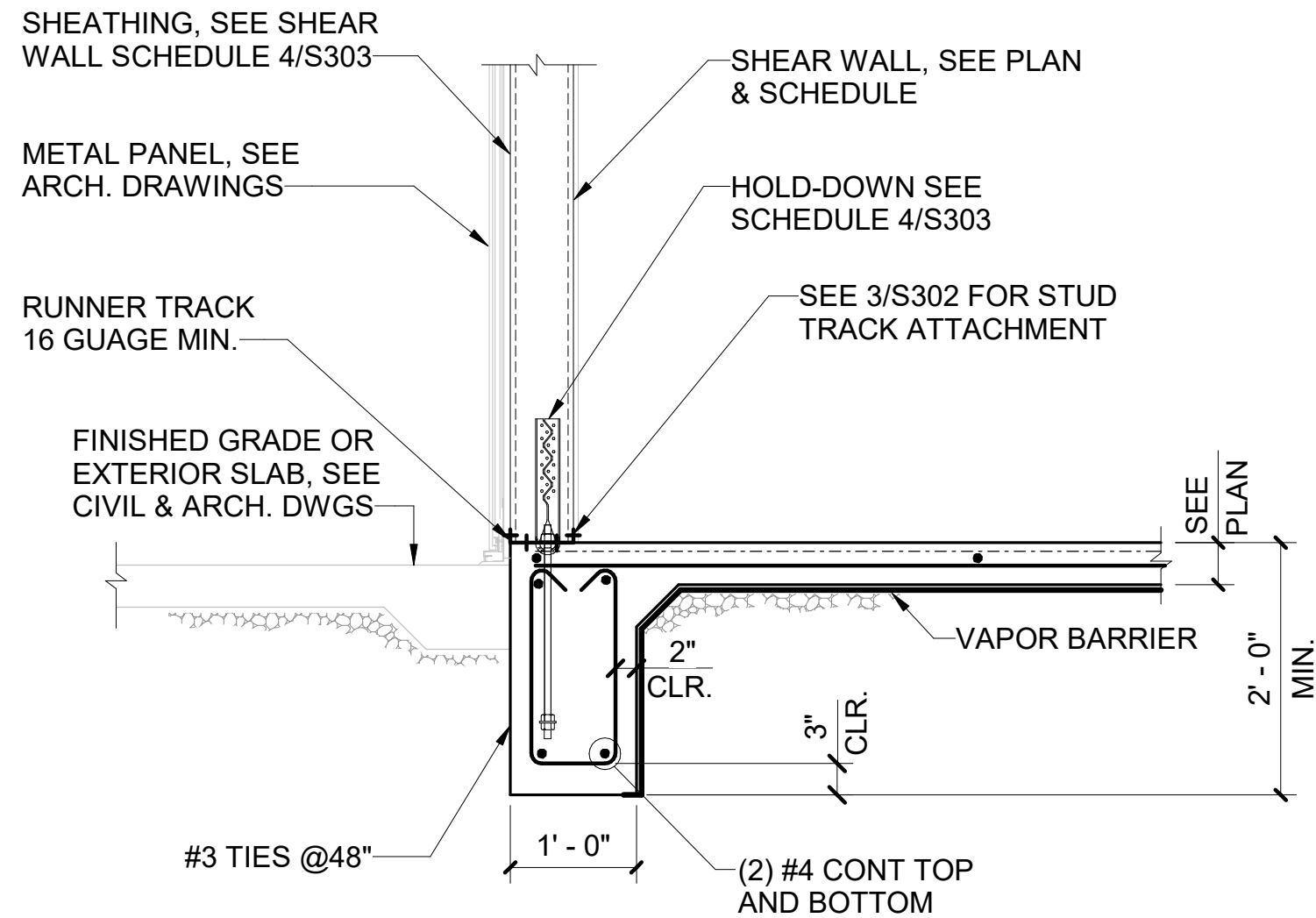
S302
FRAMING SECTIONS AND DETAILS

Drawn By	Checked By	Date
C.F.	W.G.	April 7, 2026

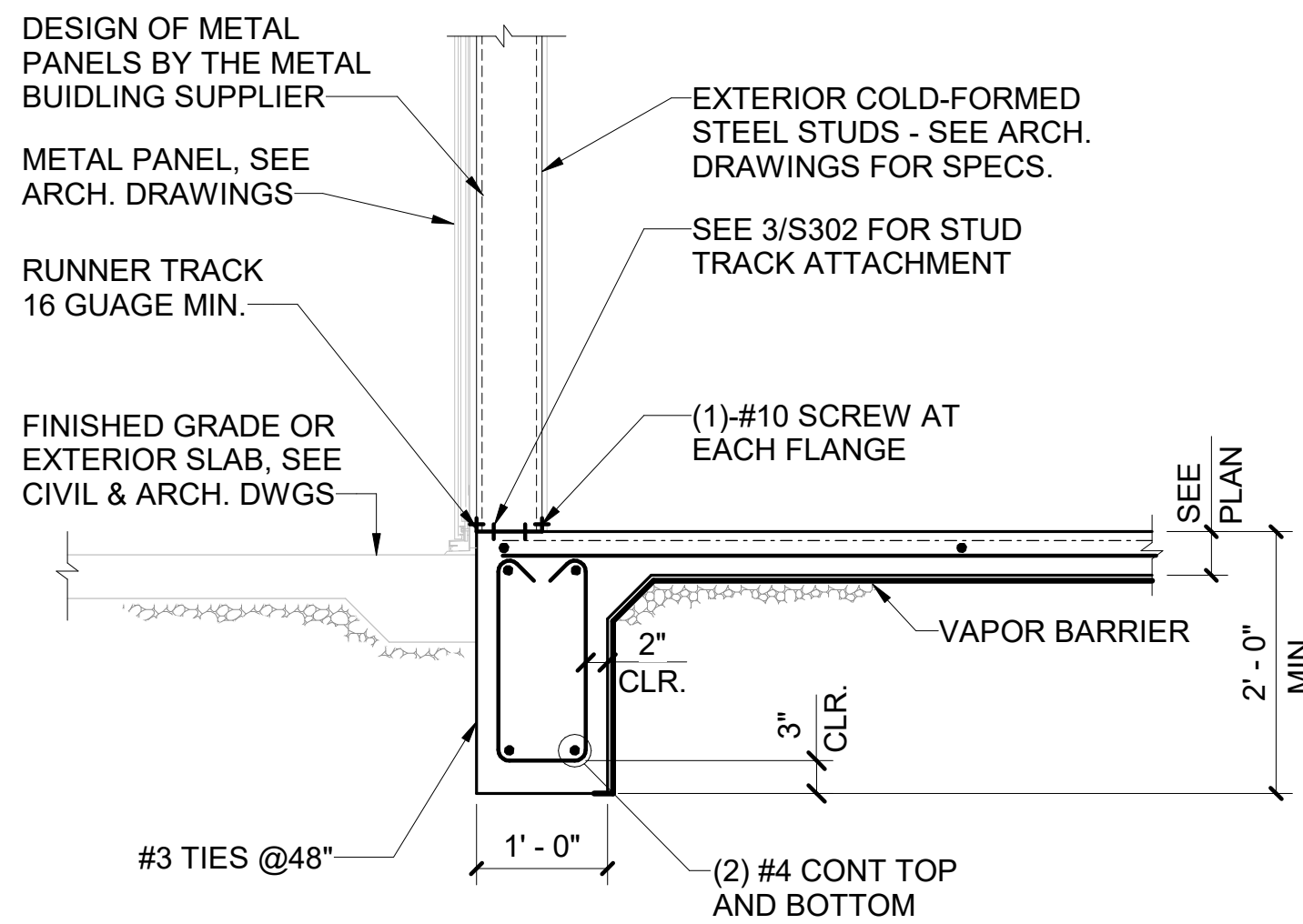
Scale	Project Number
3/4" = 1'-0"	26002.00

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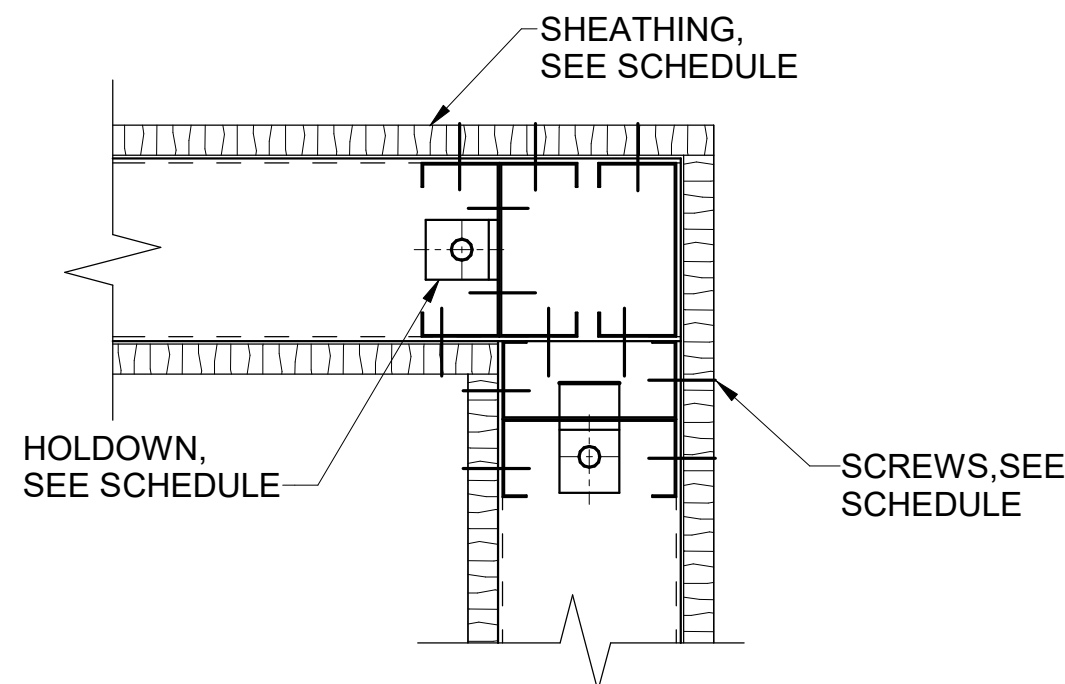
6 SECTION AT SHEARWALL HOLDOWN
3/4" = 1'-0"



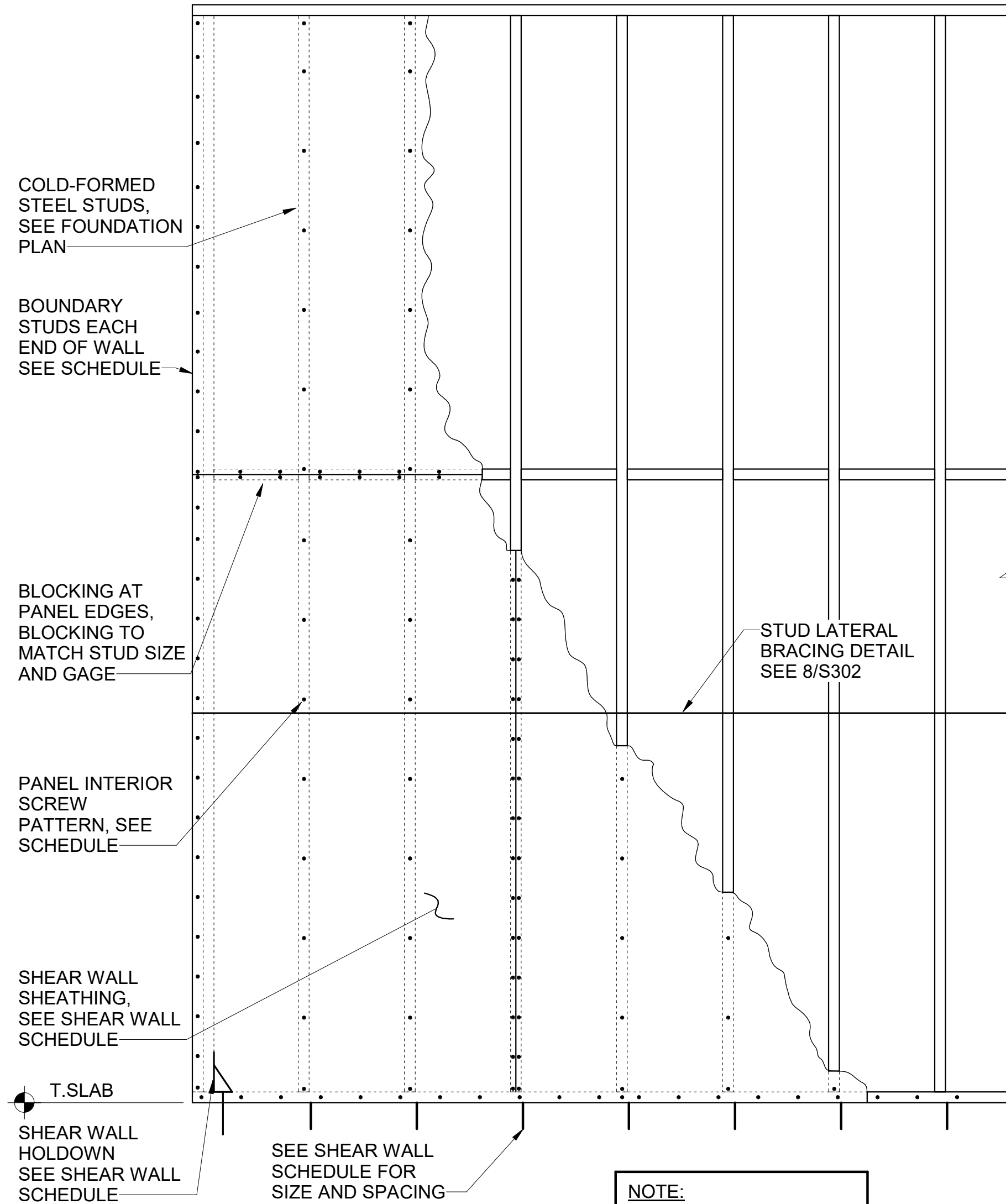
5 TYPICAL EXTERIOR SECTION AT CONNECTOR
3/4" = 1'-0"

SHEAR WALL SCHEDULE	
WALL MARK	SW1
SHEATHING	15/32" STRUCTURAL 1
PANEL EDGE SCREW PATTERN	6"
PANEL INTERIOR SCREW PATTERN	12"
BOUNDARY STUDS AT HOLD-DOWN	(2)-600S162-43
HOLD-DOWN EACH END	HTT4 w/ (18) #10 SCREWS
HOLD-DOWN ANCHOR SIZE	PAB5
HOLD-DOWN ANCHOR EMBEDMENT	8"
MINIMUM EDGE DISTANCE	3"
TRACK ANCHOR AND SPACING, IN	1/2" DIA. x 4" SIMPSON TITEN HD @48" O.C. MAX

4 SHEAR WALL SCHEDULE
3/4" = 1'-0"



CORNER CONSTRUCTION DETAIL AT SHEAR WALL

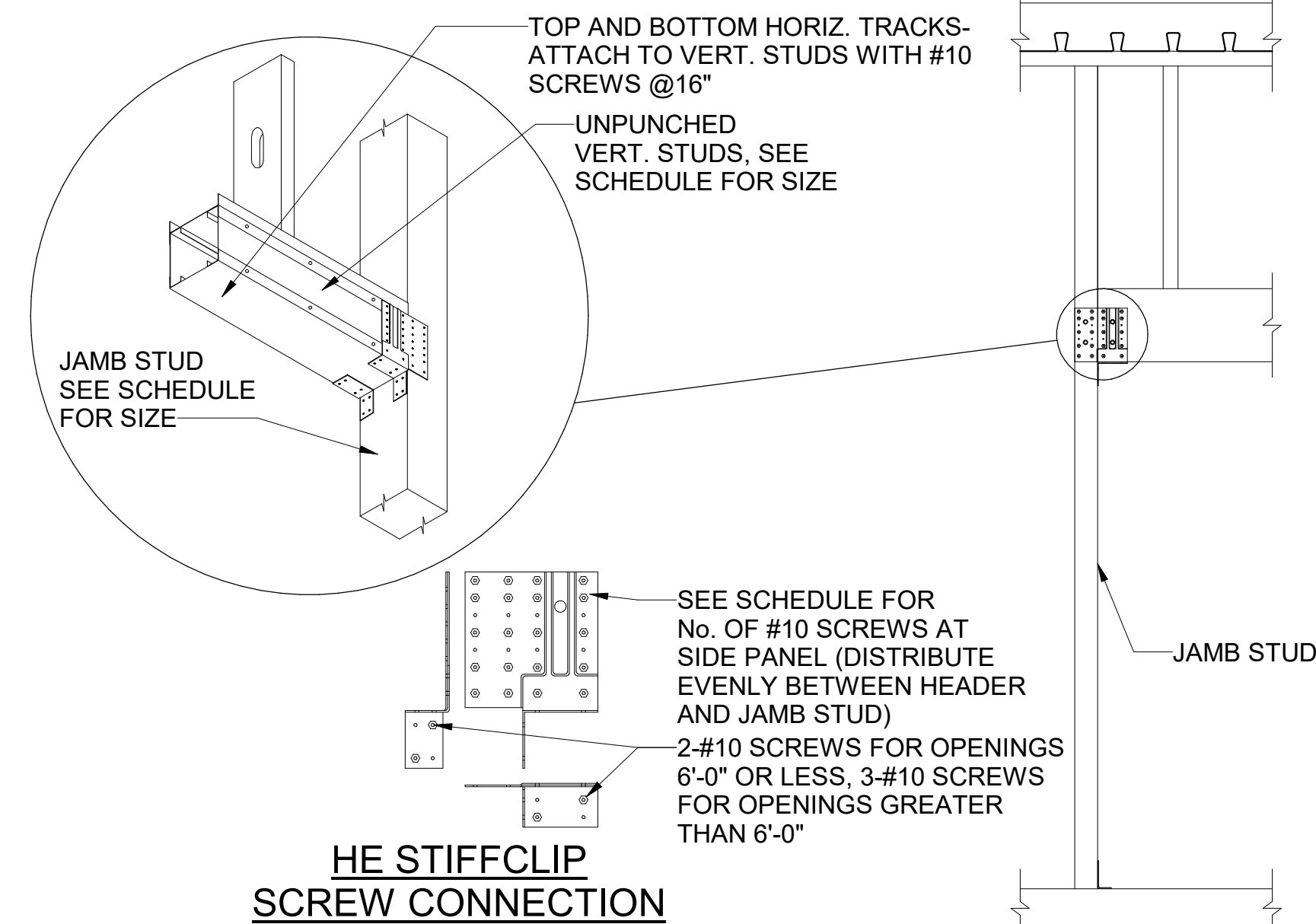


3 SHEAR WALL ELEVATION
3/4" = 1'-0"

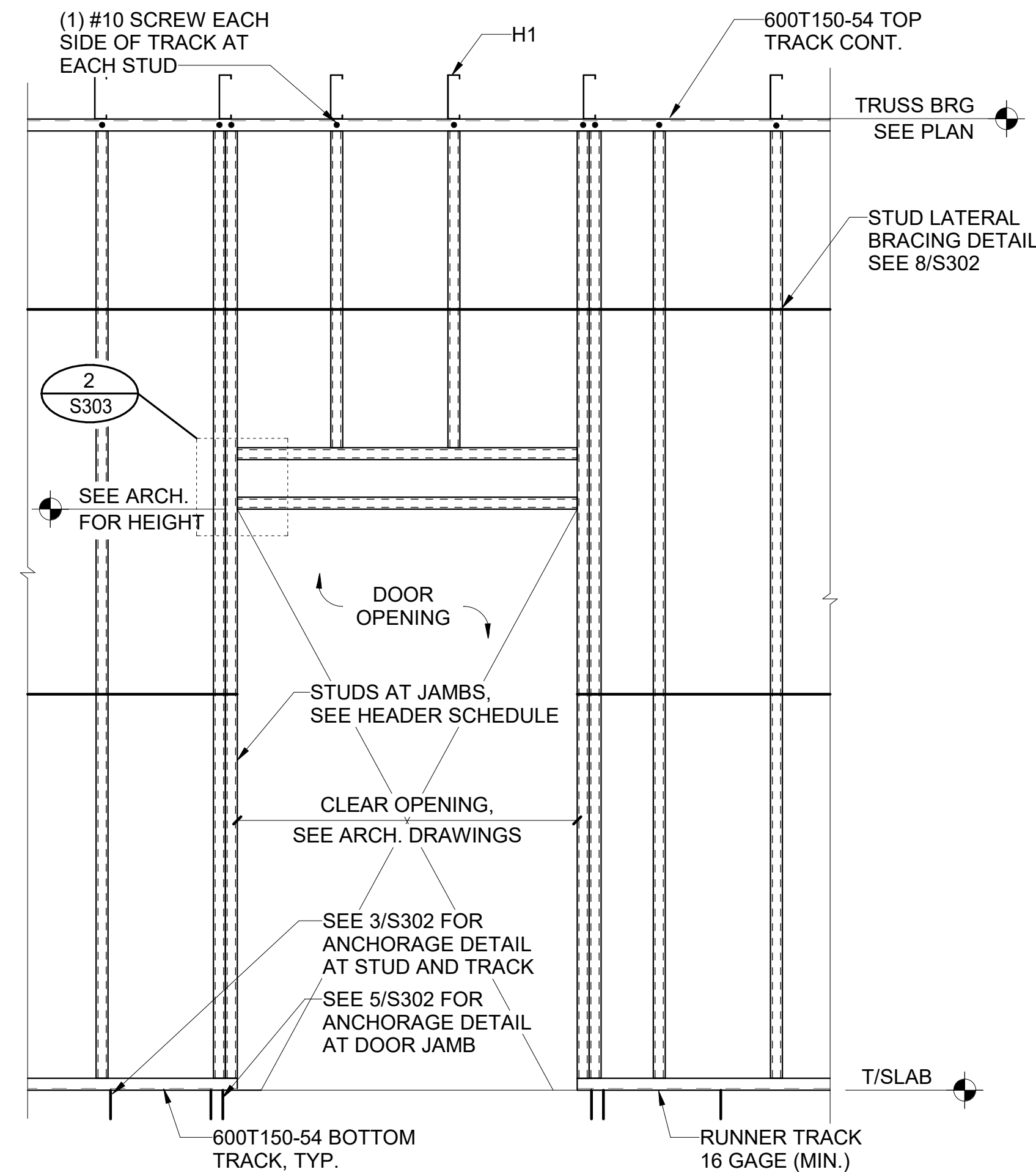
NOTE:
SEE 4/S303 FOR
SHEAR WALL SCHEDULE

STEEL STUD HEADER SCHEDULE					
HEADER MARK	HEADER VERTICAL STUDS	JAMB STUD	TOP AND BOTTOM TRACKS	HEADER SCREW CONNECTION	
H1	(2)800S200-43	(2)600S162-43	600S125-43	TSN-STIFFCLIP	NO. OF SCREWS
				HE-43	(12)-#10 SCREWS

NOTE:
USE MINIMUM YIELD STRESS OF 33ksi FOR 33 AND 43MIL. AND 50ksi FOR 54, 68 AND 97MIL.



2 COLD-FORMED STEEL STUD HEADER SCHEDULE
3/4" = 1'-0"



1 STUD WALL ELEVATION
3/4" = 1'-0"

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S303
FRAMING SECTIONS AND
DETAILS

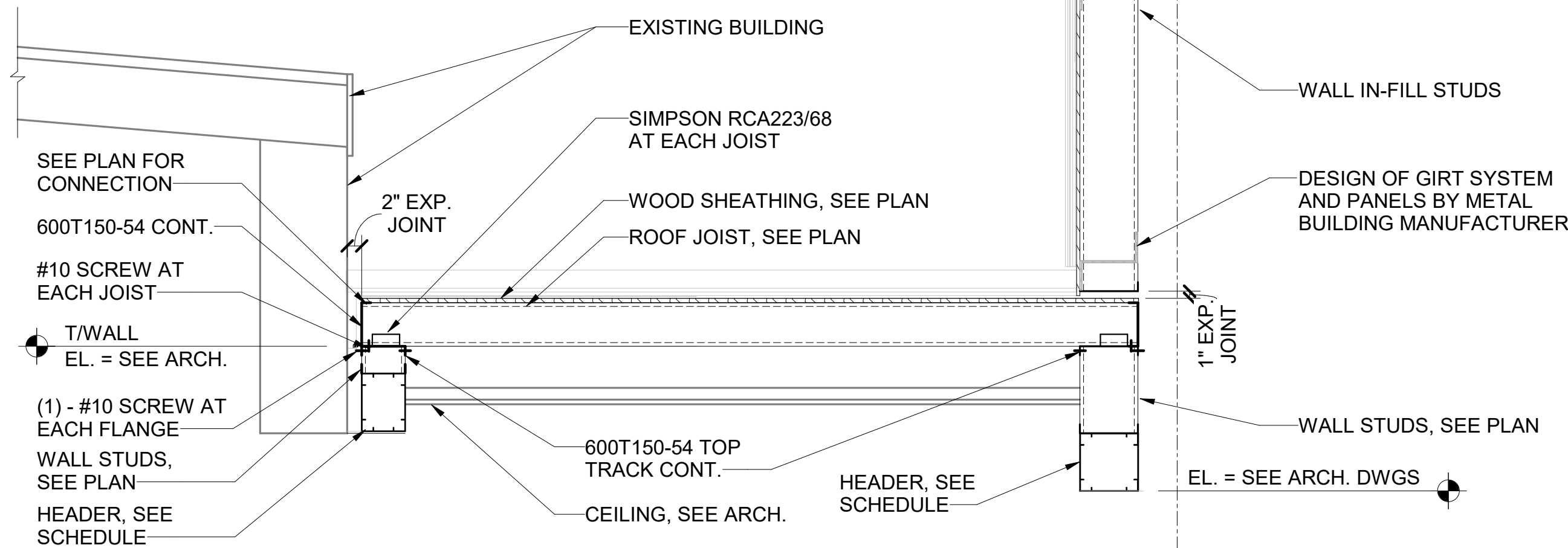
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Scale
As indicated

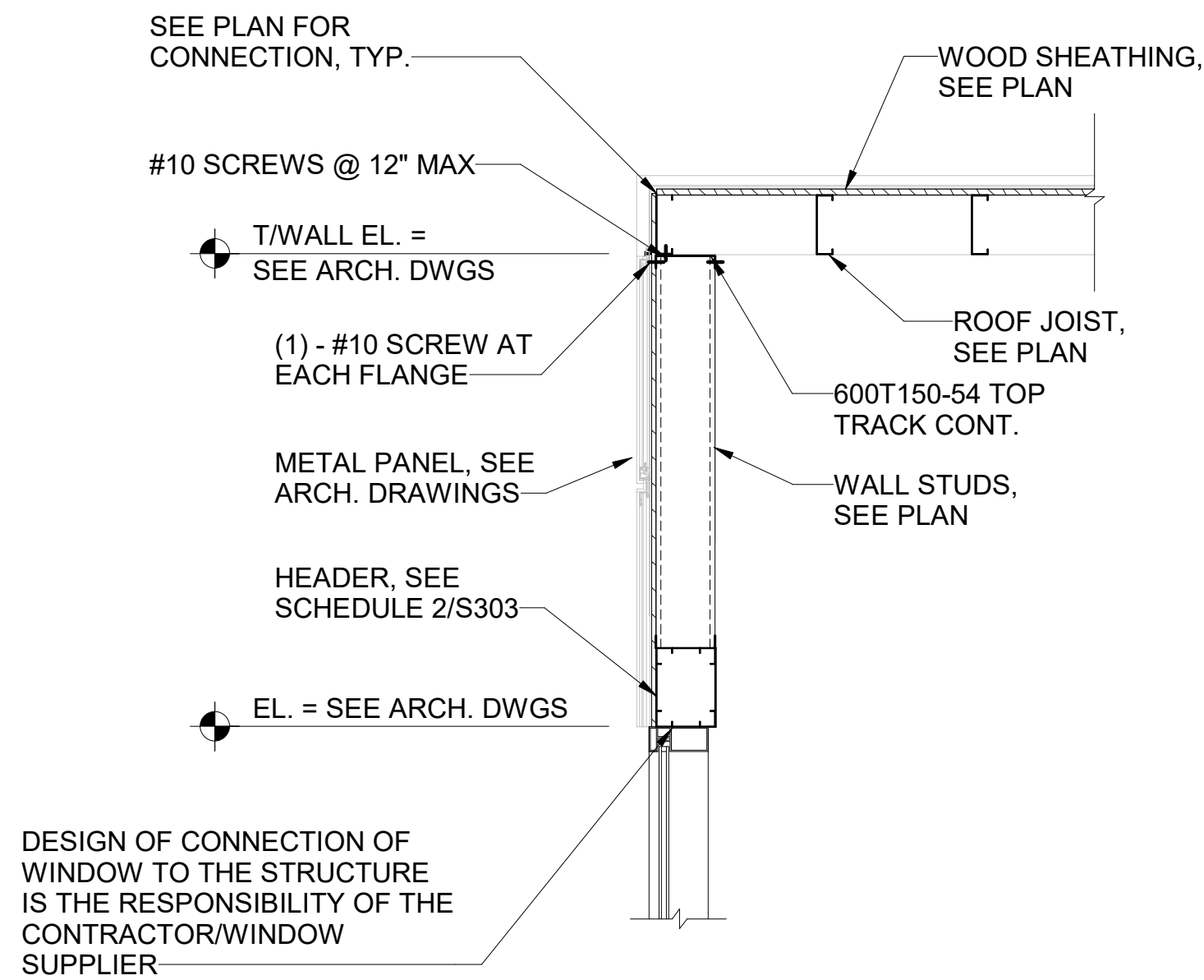
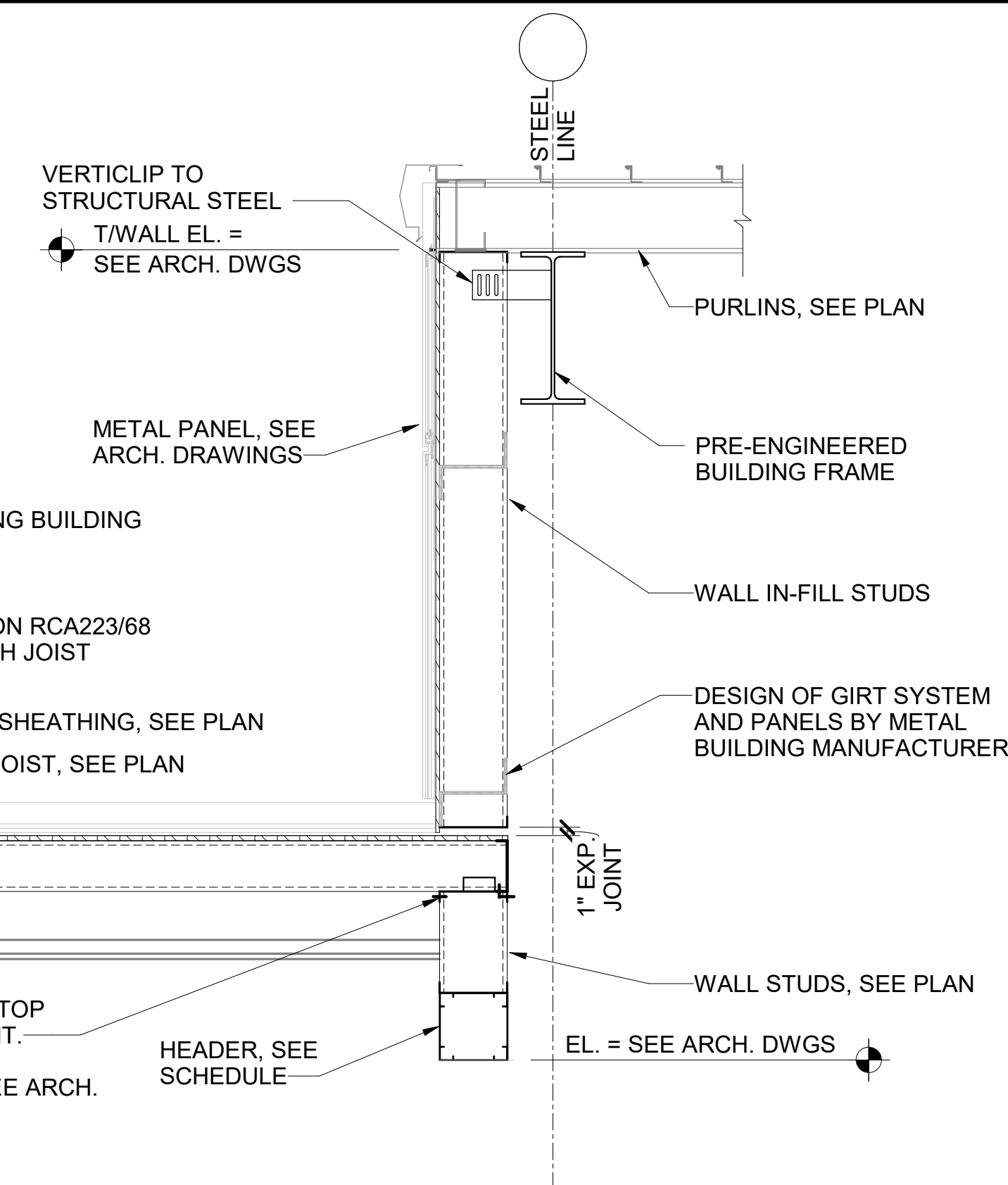
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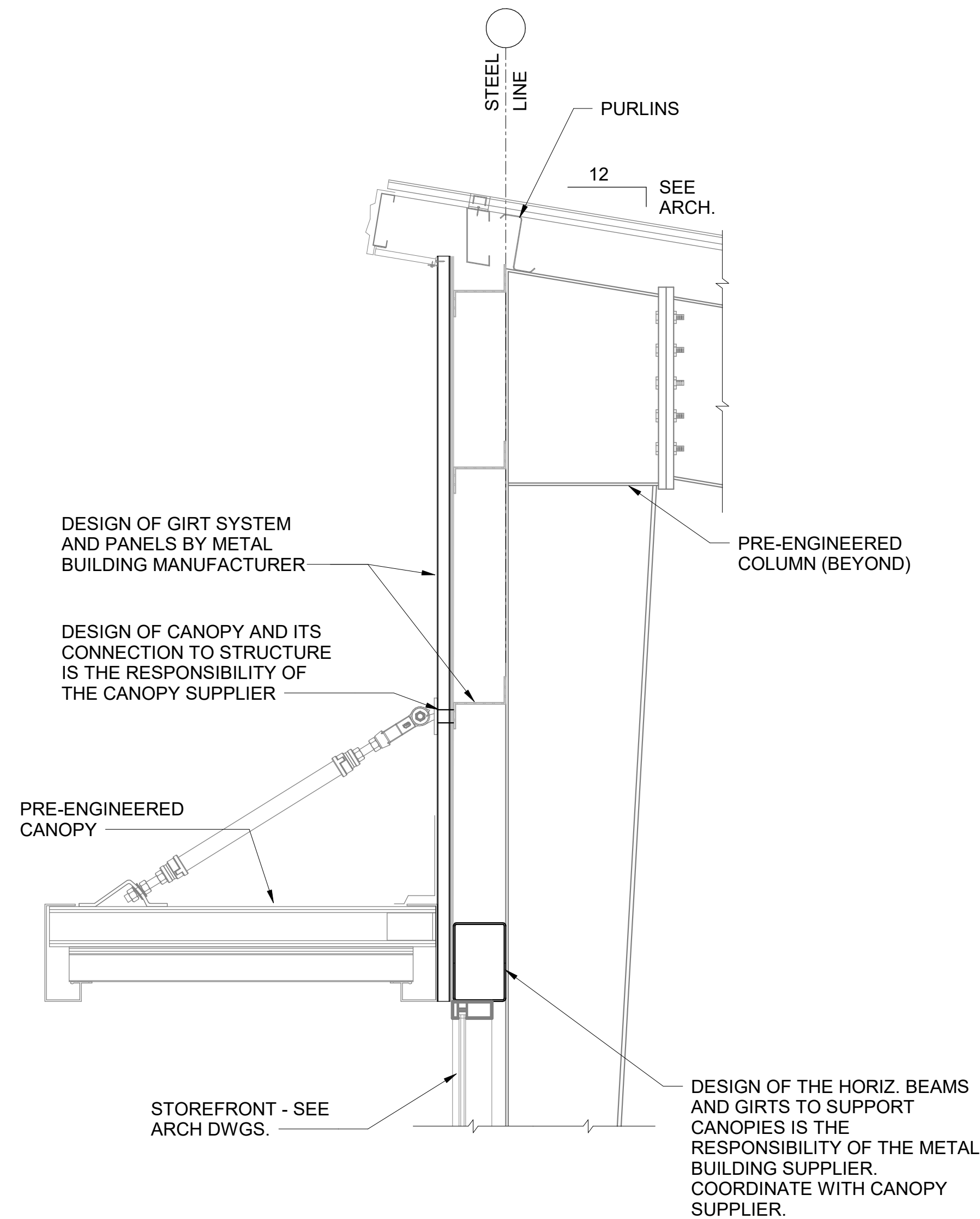
3 TYPICAL ROOF SECTION AT CONNECTOR
3/4" = 1'-0"



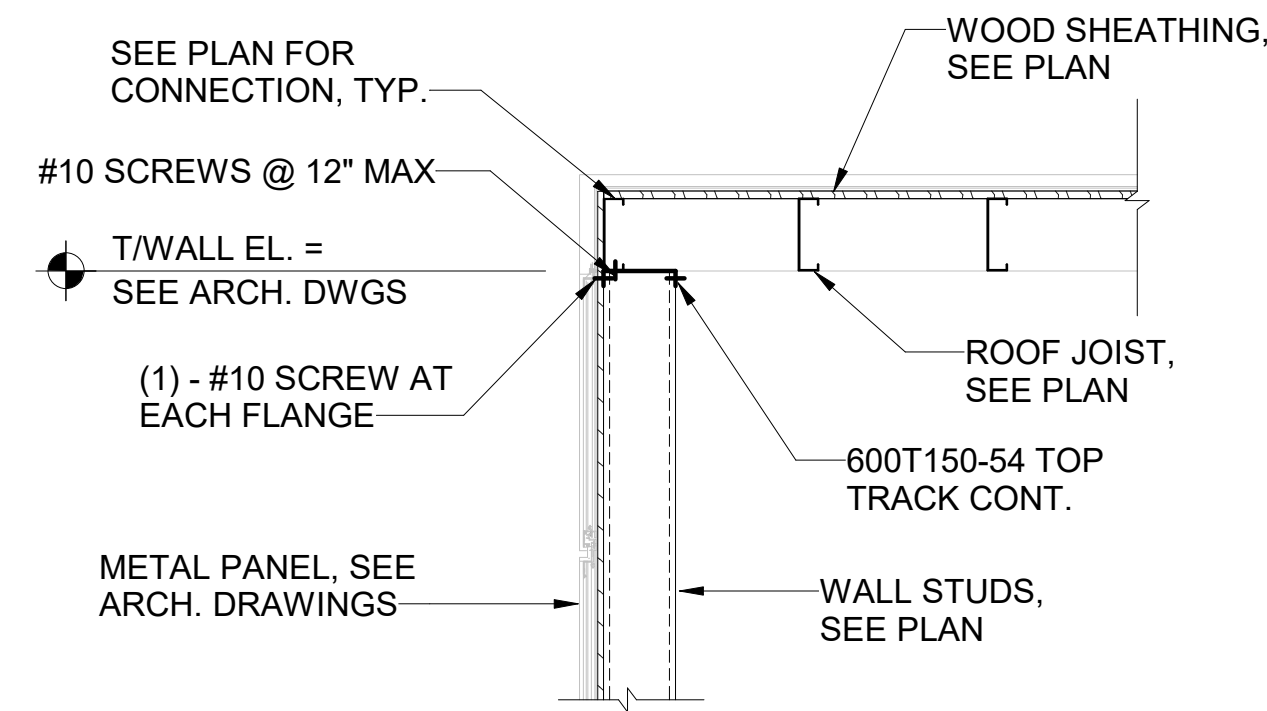
4 SECTION AT ROOF AT WINDOW
3/4" = 1'-0"



1 SECTION AT EXTERIOR WALL
3/4" = 1'-0"



2 TYPICAL ROOF SECTION AT CONNECTOR
3/4" = 1'-0"



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Golden Triangle Regional Airport

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Columbus, MS

S400
ROOF SECTIONS AND DETAILS

Drawn By	Checked By	Date
C.F.	W.G.	April 7, 2026

Scale	Project Number
3/4" = 1'-0"	26002.00

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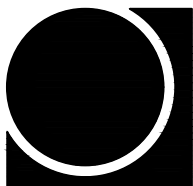
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PLUMBING FIXTURE SCHEDULE								
TAG	FIXTURE TYPE	FLUSH / FAUCET / SHOWER HEAD	TRIM AND REMARKS	TRAP SIZE	MIN. SIZE CONN.			
					SW	SV	CW	HW
WC-1	WATER CLOSET, ADA, WHITE VITREOUS CHINA, ELONGATED BOWL, FLOOR MOUNTED, 1-1/2" TOP SPUD, SIPHON JET ACTION, AMERICAN STANDARD 3043.001 OR EQUAL.	1.6 GPF, INTEGRAL VACUUM BREAKER, DIAPHRAGM TYPE, MANUAL HANDLE, ZURN Z6000AV-WS1.	SEAT TO BE ELONGATED, OPEN FRONT, SOLID PLASTIC WITH SELF SUSTAINING CHECK HINGES, COLOR WHITE, BEMIS 1955SSC.	INT.	4"	2"	1"	---
L-1	WHITE VITREOUS CHINA, DROP-IN LAVATORY, CENTER FAUCET HOLE, KOHLER K-2881-0.	CHROME PLATED, DECK MOUNTED SINGLE LEVER HANDLE FAUCET WITH 0.6 GPM AERATOR, DELTA "GREYDON" 15860LF, PROVIDE ASSE 1070 COMPLIANT MIXING VALVE EQUAL TO ZURN ZW3870XLT.	DRAIN AND TAILPIECE COMES WITH FAUCET, P-TRAP TO BE 1-1/2" BRASS (17 GA. MIN), ZURN Z8700-PC SERIES, PROVIDE SUPPLIES AND STOPS, ZURN Z8800 SERIES, PROVIDE "LAV-GUARD" INSULATION BY TRUBRO ON ALL EXPOSED TRIM.	1-1/2"	2"	2"	1/2"	1/2"
S-1	SINK, 1-COMP, STAINLESS STEEL (TYPE 304, 16 GA.), 6-1/8" DEEP, TOP MOUNT, 1 HOLE DRILLED, AMERICAN STANDARD "EDGEWATER" 18SB, 9252211.075.	DECK MOUNTED, 1.8 GPM, SINGLE HANDLE LEVER BAR FAUCET, ARCTIC STAINLESS FINISH, PULL DOWN SPRAY, DELTA 9913-AR-DST.	BASKET STRAINER WITH TAILPIECE, ZURN ZP2000BW-SS, P-TRAP TO BE 1-1/2" BRASS (17 GA. MIN), ZURN Z8700-PC SERIES, PROVIDE APPLICABLE WHEEL HANDLE STOPS AND SUPPLIES, ZURN Z8800 SERIES.	2"	2"	2"	1/2"	1/2"
FD-1	FLOOR DRAIN: CAST IRON FLOOR DRAIN WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR, SEEPAGE OPENINGS, POLISHED NICKEL BRONZE LIGHT DUTY LEVELING STRAINER WITH VANDAL PROOF SCREW - ZURN Z415BZ.		SET TOP OF DRAINS FLUSH WITH FINISHED FLOOR, PROVIDE AND INSTALL TRAP GUARD INSERTS ON ALL FLOOR DRAINS NOT SERVED BY TRAP PRIMER.	DWG	DWG	2"	---	---
NFHB	WALL HYDRANT (NON-FREEZE), KEY OPERATED WITH CHROME PLATED FACE, INTEGRAL VACUUM BREAKER, WATTS HY-420.	--	3/4" HOSE CONNECTION, ALL BRONZE HEAD, SEAT CASTING AND INTERNAL WORKING PARTS, GALVANIZED WALL CASING AND HYDRANT KEY.	--	--	--	3/4"	--
GCO	GRADE CLEANOUT: HEAVY DUTY CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, FLANGED FERRULE WITH TAPERED BRASS PLUG, HEAVY DUTY, SECURED, SCORRIATED CAST IRON TOP - ZURN Z1400.		IF CLEANOUT IS NOT LOCATED IN CONCRETE POUR CONCRETE PAD AROUND CLEANOUT COVER MINIMUM OF 12"x12"x4"	DWG	DWG	---	---	---

SPECIFICATION NOTES:

- CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL SERIES PRIOR TO INSTALLATION OF FIXTURES AND SYSTEMS.
- CONTRACTOR SHALL MAKE ALL APPLICATIONS FOR PERMITS AND PAY ALL RELATED FEES FOR THE PERMIT, INSPECTIONS AND TEST AS REQUIRED BY THE LOCAL AHJ. ALL ASSOCIATED FEES SHALL BE INCLUDED IN CONTRACT BID.
- DRAINAGE PIPING SHALL BE TESTED WITH A WATER TEST IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE AND LOCAL CODE ENFORCEMENT.
- WATER PIPING SHALL BE TESTED IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE AND LOCAL CODE ENFORCEMENT.
- JOINTS IN FIRE PROTECTION PIPING SHALL HAVE A WORKING PRESSURE OF 165 PSI.
- USE DIELECTRIC FITTINGS AND UNIONS IN UN SIMILAR MATERIALS.
- BALL VALES SHALL BE RATED FOR MINIMUM OF 125 PSI AND SHALL BE FULL PORT 2 PIECE WITH STAINLESS STEEL BALL EQUAL TO WATTS.
- HANGERS SHALL BE CLEVIS OR SPLIT RING FOR COPPER PIPING. HANGERS SHALL BE COATED TO PROTECT AGAINST CORROSION AS REQUIRED. HANGERS FOR WASTE AND DRAIN PIPING SHALL BE CLEVIS TYPE.
- ONCE FIXTURES HAVE BEEN INSTALLED THEY SHALL BE INSPECTED AND TESTED AND SHALL BE CLEANED PRIOR TO LEAVING THE SITE.
- PURGE NEW PIPING BEFORE USING.
- USE PURGING AND DISINFECTING PROCEDURES PRESCRIBED BY AUTHORITIES HAVING JURISDICTION. IF METHODS ARE NOT PRESCRIBED USE PROCEDURES PER AWWA C651 OR AWWA C652.
- FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT OUTLETS.
- SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. REPEAT PROCEDURES IF BIOLOGICAL EXAMINATION SHOWS CONTAMINATION.
- CLEAN INTERIOR OF DOMESTIC WATER PIPING SYSTEM. REMOVE DIRT AND DEBRIS AS WORK PROGRESSES.

PIPING SYSTEM SPECIFICATION				
SYSTEM	ABOVE GROUND	BELOW GROUND	JOINT METHOD	PIPE INSULATION
SANITARY WASTE	---	SCH 40 PVC,	SOLVENT WELD WITH MANUFACTURERS APPROVED CEMENT.	--
	HUBLESS CAST IRON	HUBLESS CAST IRON	COUPLING WITH STAINLESS STEEL BANDS AND ELASTOMERIC GASKET	
SANITARY VENT	---	SCH 40 PVC	SOLVENT WELD WITH MANUFACTURERS APPROVED CEMENT.	--
	HUBLESS CAST IRON	HUBLESS CAST IRON	COUPLING WITH STAINLESS STEEL BANDS AND ELASTOMERIC GASKET	
COLD WATER	TYPE L COPPER	TYPE K COPPER	LEAD-FREE NICKEL BEARING SOLDER ABOVE SLAB.	1/2" THICK FIBERGLASS
HOT WATER	TYPE L COPPER	TYPE K COPPER	LEAD-FREE NICKEL BEARING SOLDER ABOVE SLAB.	1" THICK FIBERGLASS

PROVIDE PIPE LABELS ON ALL ABOVE CEILING PIPING. PROVIDE LABEL AND DIRECTIONAL ARROWS AT LEAST ONE PER SYSTEM AND AT INTERVALS OF 20 FEET.

PLUMBING NOTES:

1. CONTRACTOR SHALL COORDINATE THE UTILITY SERVICE CONNECTIONS WITH CIVIL PRIOR TO INSTALLATION OF UTILITIES.
2. CONTRACTOR SHALL COORDINATE WITH OWNER THE DISRUPTION OF ANY SERVICE A MINIMUM OF 72 HOURS IN ADVANCE.
3. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE PLUMBING SYSTEM AS A WHOLE WITH ALL THE TRADES INVOLVED TO AVOID ROUTING CONFLICTS/PROBLEMS. IF CONFLICTS/PROBLEMS ARE FOUND AND CAN NOT BE RESOLVED BY THE INVOLVED TRADES THEN THE ARCHITECT SHALL BE CONSULTED AND THEIR DECISION SHALL GOVERN.
4. IF THE VENT PENETRATIONS OF THE ROOF ARE REQUIRED TO BE 3" AND LARGER BY CODE, THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED INCREASERS BELOW ROOF DECK AND PENETRATE THE ROOF WITH THE MINIMUM REQUIRED PIPE SIZE. VENT TERMINATIONS SHALL BE NO LESS THAN 6" ABOVE THE ROOF.
5. CONTRACTOR SHALL PROVIDE AND INSTALL PISTON TYPE WATER HAMMER ARRESTORS ON WATER LINES SERVING FLUSH VALVES AND QUICK CLOSING VALVES. CONTRACTOR SHALL SIZE AND INSTALL WATER HAMMER ARRESTORS WITH THE REQUIREMENTS OF THE PLUMBING AND DRAINAGE INSTITUTE GUIDELINES.
6. CONTRACTOR SHALL COORDINATE ALL VENTS AND ROOF PENETRATIONS WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION. ALL VENT THROUGH ROOFS SHALL BE ROUTED A MINIMUM OF 15 FEET AWAY FROM FRESH AIR INTAKES FROM MECHANICAL EQUIPMENT.
7. FURNISH AND INSTALL DEEP SEAL P-TRAPS & TRAP GUARD INSERTS ON FLOOR DRAINS NOT FED BY AN AUTOMATIC TRAP PRIMER SYSTEM, WHERE REQUIRED BY CODE.
8. CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURERS EQUIPMENT CUT SHEETS AND LAYOUT OF ALL EQUIPMENT THAT WILL BE PROVIDED BY OWNER AND GENERAL CONTRACTOR PRIOR TO THE INSTALLATION OF PLUMBING ROUGH-INS. CONTRACTOR SHALL PROVIDE AND INSTALL PLUMBING ROUGH IN FOR ALL EQUIPMENT. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED GAUGES, PRESSURE REDUCING VALVES, WATER HAMMER ARRESTORS, SHUT-OFF VALVES, CHECK VALVES, BACK FLOW PREVENTION DEVICES ETC THAT ARE REQUIRED BY THE MANUFACTURER FOR THEIR EQUIPMENT. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL ALL ITEMS REQUIRED BY LOCAL, STATE AND FEDERAL CODES FOR PLUMBING ROUGH-INS.
9. ALL FIXTURES, EQUIPMENT AND PIPING SHOWN ON THESE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
10. PENETRATIONS THROUGH NEW WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED. REFER TO ARCHITECTURAL SERIES FOR FINISH INFORMATION.
11. ALL NEW PIPE PENETRATIONS OF FIRE RATED WALLS, AS SHOWN BY THE LIFE SAFETY PLANS, SHALL HAVE A UL LISTED F RATING EQUAL TO THE WALL FIRE RATING. SEE PLUMBING PLANS FOR UL PENETRATION DETAILS.
12. ALL WORK SHOWN IS PART OF BASE BID EXCEPT WHERE OTHERWISE DESIGNATED.
13. SEISMICALLY BRACE ALL PIPE AS REQUIRED BY LOCAL CODE REQUIREMENTS.
14. PIPING SHALL NOT BE INSTALLED OVER ELECTRICAL EQUIPMENT.
15. CAULK AROUND ALL PLUMBING FIXTURES. CAULK COLOR SHALL MATCH PLUMBING FIXTURE COLOR.
16. EXACT LOCATIONS OF MECHANICAL EQUIPMENT SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR. ALL REQUIRED CONDENSATE PIPING SHALL BE COORDINATED WITH THIS EQUIPMENT.
17. SANITARY SEWER PIPING SHALL BE SLOPED AS FOLLOWS: 3" SANITARY WASTE PIPING AND LARGER SHALL BE ROUTED AT 1/8" PER FOOT MINIMUM. 2" SANITARY WASTE PIPING AND SMALLER SHALL BE ROUTED AT 1/4" PER FOOT MINIMUM.
18. CONTRACTOR TO PROVIDE PROPERLY SIZED ISOLATION VALVES AT ALL DOMESTIC WATER BRANCH PIPING AND ALL DOMESTIC WATER PIPING SERVING INDIVIDUAL FIXTURES OR RESTROOMS. VALVES TO BE INSTALLED IN AN ACCESSIBLE LOCATION ABOVE TILE CEILING.
19. CONTRACTOR TO PROPERLY BALANCE DOMESTIC HOT WATER AND HOT WATER RETURN SYSTEMS. CONTRACTOR TO PROVIDE CALIBRATED BALANCING VALVES ON HOT WATER RETURN PIPING AS NECESSARY.
20. ALL CONDENSATE PIPING ROUTED ABOVE CEILING SHALL HAVE A CLEANOUT AT ALL 90 DEGREE TURNS AND EVERY 50'.
21. CONTRACTOR SHALL ESTABLISH A SEQUENCE OF INSTALLATION WITH OTHER TRADES WORKING ON THE PROJECT. CONTRACTOR SHALL THOROUGHLY COORDINATE ALL SYSTEMS WITH OTHER TRADES.
22. CATHODIC PROTECTION, IF REQUIRED, IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL PROTECT ALL UNDERGROUND METALLIC PIPING FROM CORROSION. REFER TO SOILS REPORT. UNDERGROUND PIPING MAY ALSO BE PROTECTED WITH POLYETHYLENE ENCASEMENT CONFORMING TO ANSI/AWWA REQUIREMENTS. ALL PIPING SHALL BE WRAPPED COMPLETELY WITH ENCASEMENT TO A POINT AT LEAST 12 A.F.G OR FIN. FLOOR. ENCASEMENT SHALL BE FREE OF TEARS WITH ALL JOINTS COMPLETELY SEALED. NO PORTION OF THE PIPE SHALL BE LEFT EXPOSED TO CORROSIVE SOIL.
23. PLASTIC PIPING IN PLENUM SPACES IS NOT ALLOWED.

LEGEND	
LINE TYPE	DESCRIPTION
_____	SANITARY WASTE
---SV---	SANITARY VENT
_____	COLD WATER
-----	HOT WATER
-----	HOT WATER RETURN

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Golden Triangle Regional Airport

FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

P001

NOTES, LEGEND, SCHEDULES -
PLUMBING

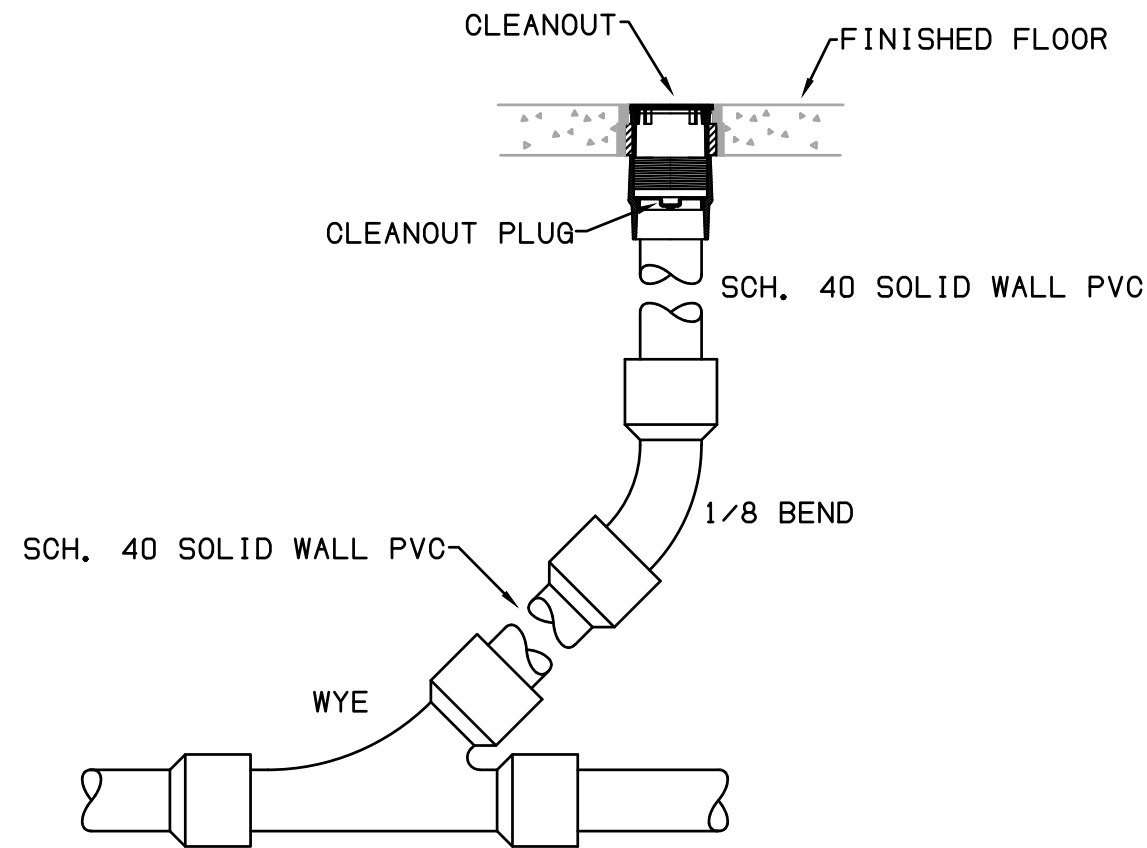
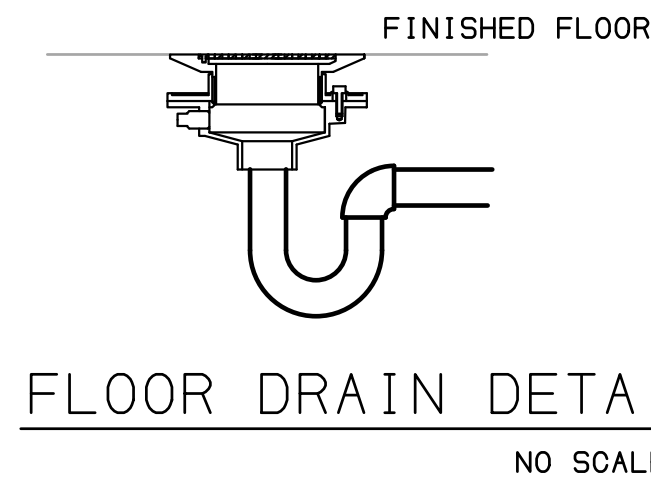
Drawn By	Checked By	Date
HNA	HNA	April 7, 2026

Scale	Project Number
	26002.00

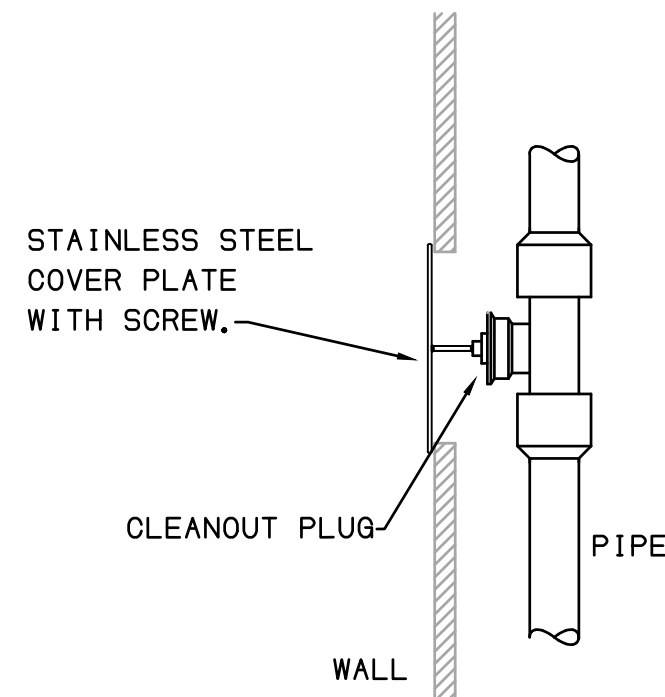
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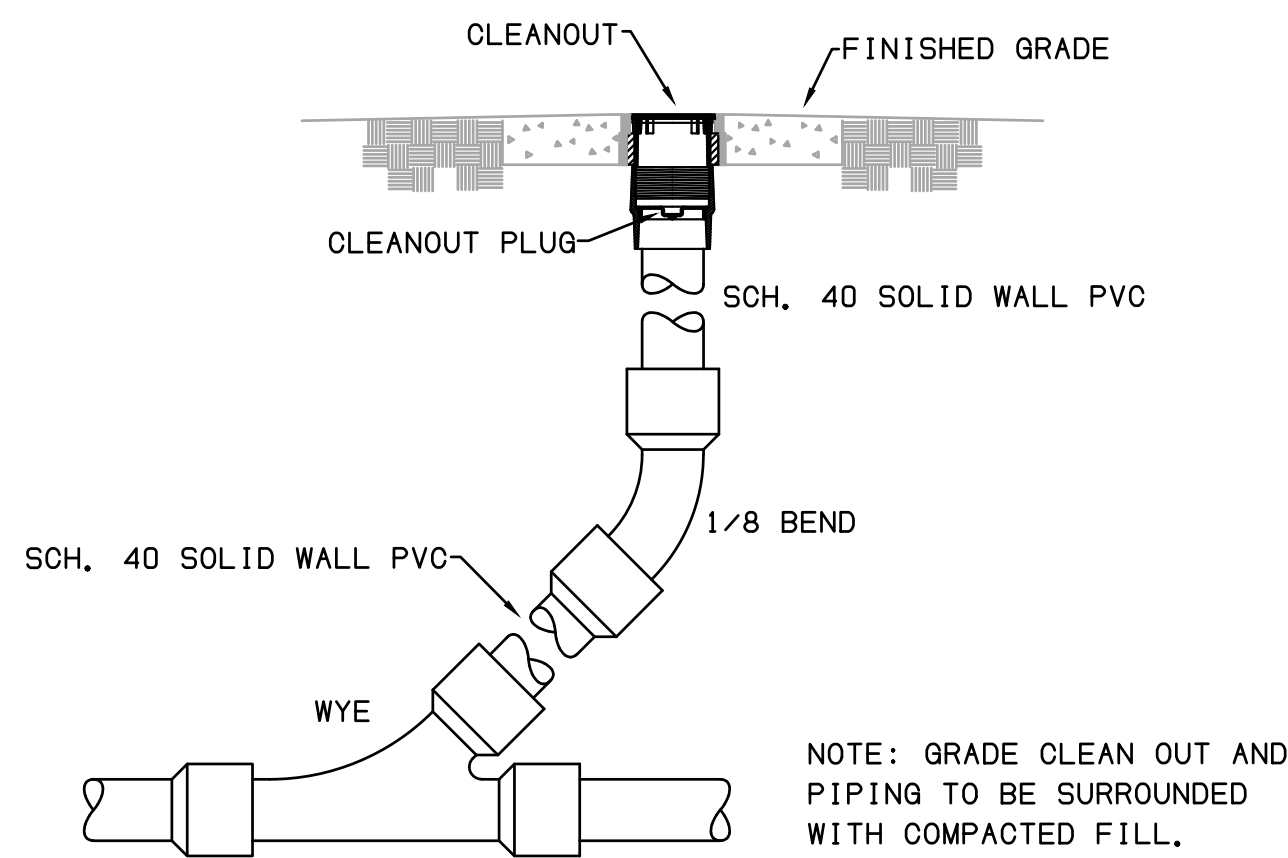
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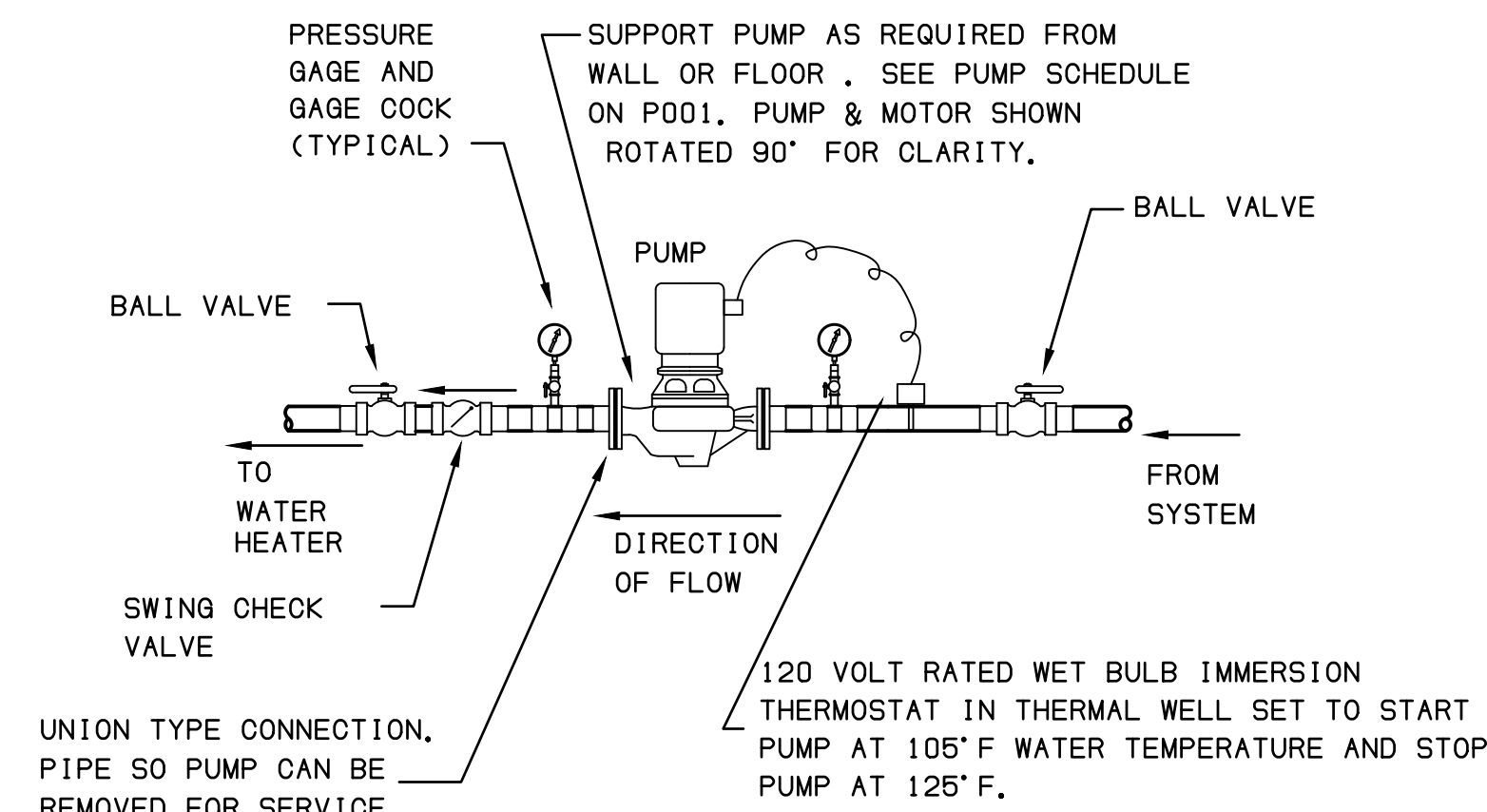
FLOOR CLEANOUT DETAIL
NO SCALE



WCO CLEANOUT DETAIL
NO SCALE



GRADE CLEANOUT DETAIL
NO SCALE



RECIRCULATION PUMP DETAIL
NO SCALE

COORDINATE WITH
MANUFACTURERS
INFORMATION AND CUT
SHEETS FOR CONNECTION OF
HWR SYSTEM AND PUMP
PRIOR TO INSTALLATION.

SYSTEM CONTROLLER
REFER TO
MANUFACTURERS CUT
SHEETS FOR MORE
INFORMATION.

PROVIDE AND INSTALL
ZURN 1-ZW1017XL
THERMOSTATIC MIXING
VALVE.

TO FIXTURES

120 VOLT RATED
AQUASTAT IN
THERMOWELL

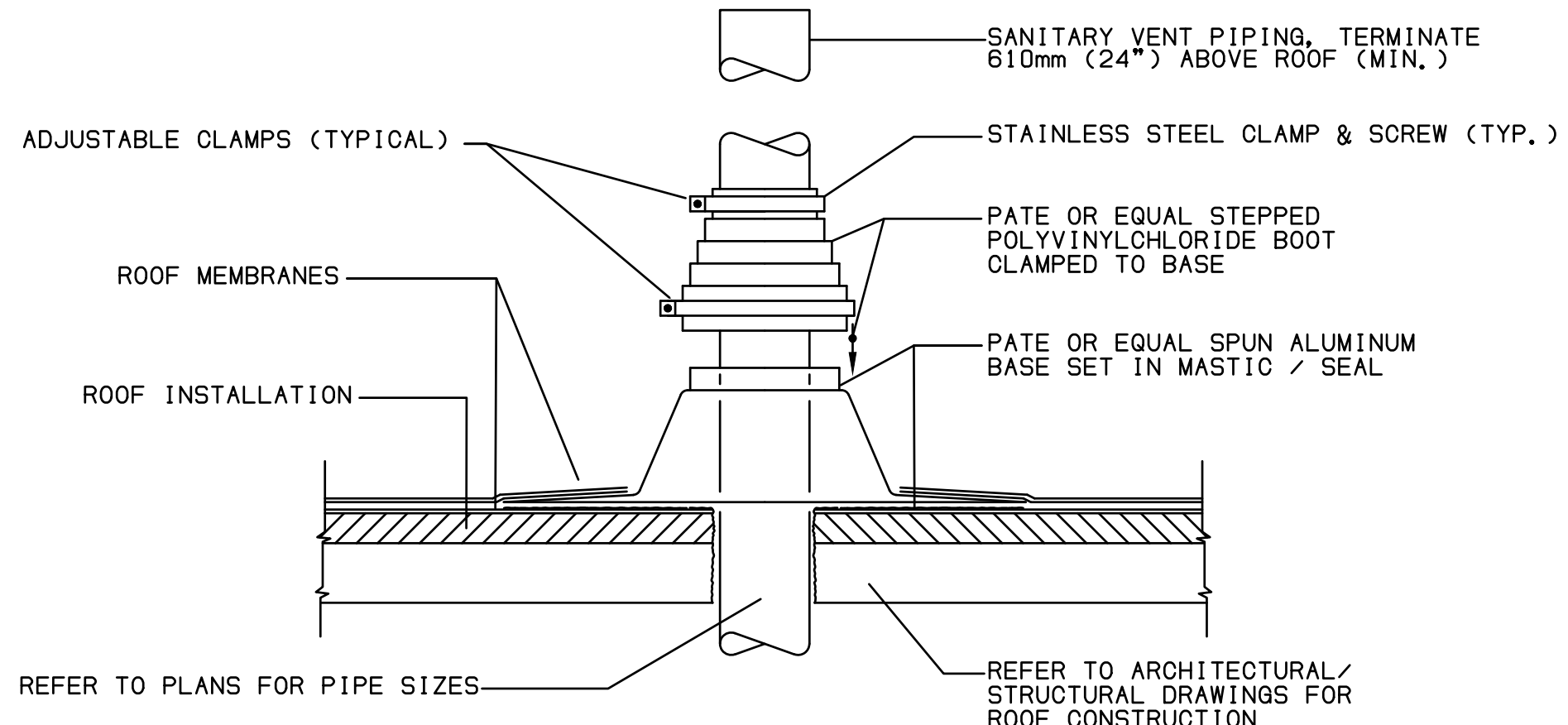
CHECK VALVE
(TYPICAL)

PRESSURE GAUGE
(TYPICAL)

WATER HEATER
EXPANSION
TANK WITH
MINIMUM OF
0.84 VOLUME.

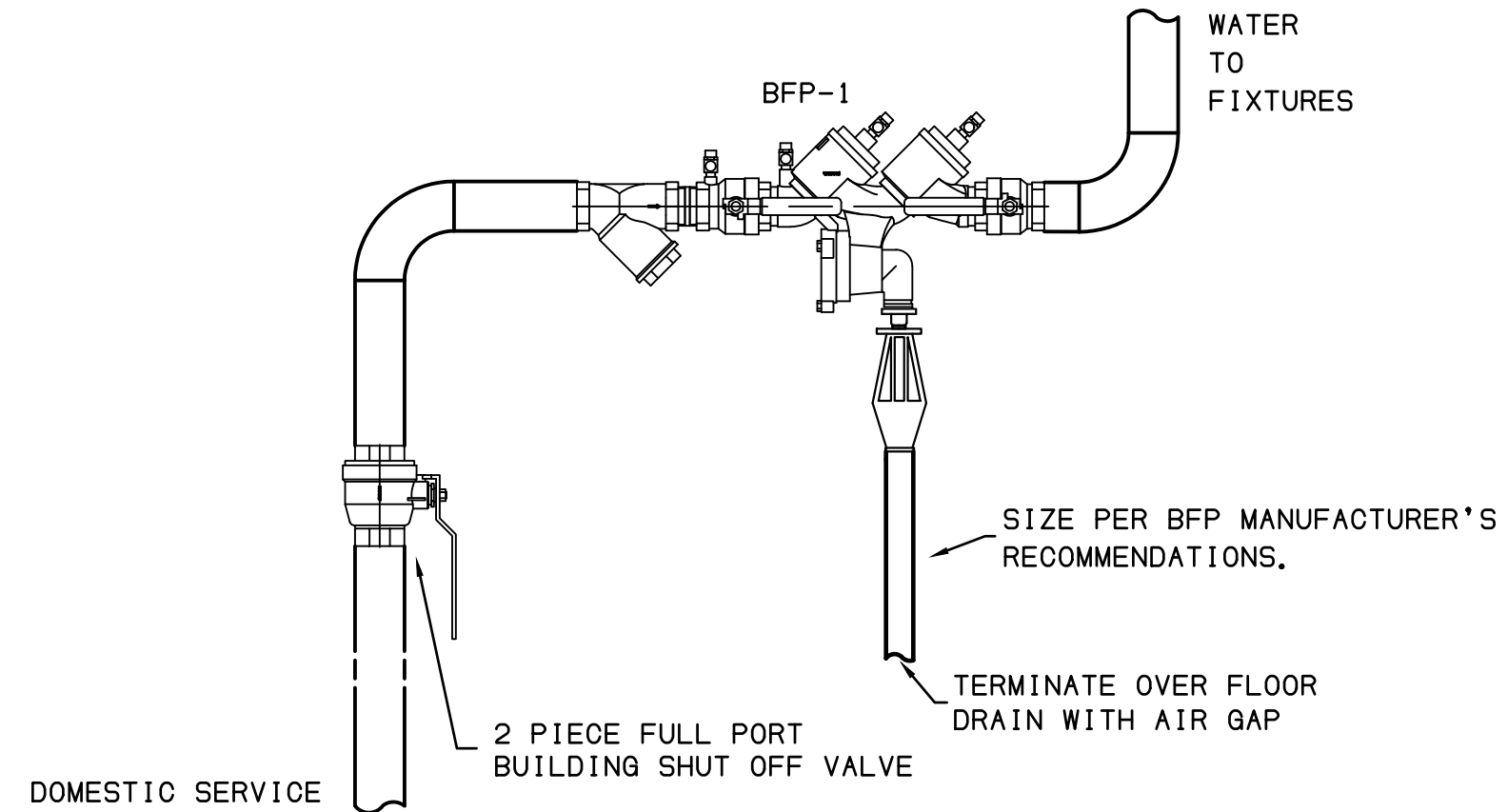
PROVIDE AND INSTALL
CONDENSATE
NEUTRALIZER AND
ROUTE DRAIN TO MOP
BASIN. TERMINATE
OVER MOP BASIN WITH
AIR GAP.

WATER HEATER DETAIL
NO SCALE



VENT THROUGH ROOF DETAIL
NO SCALE

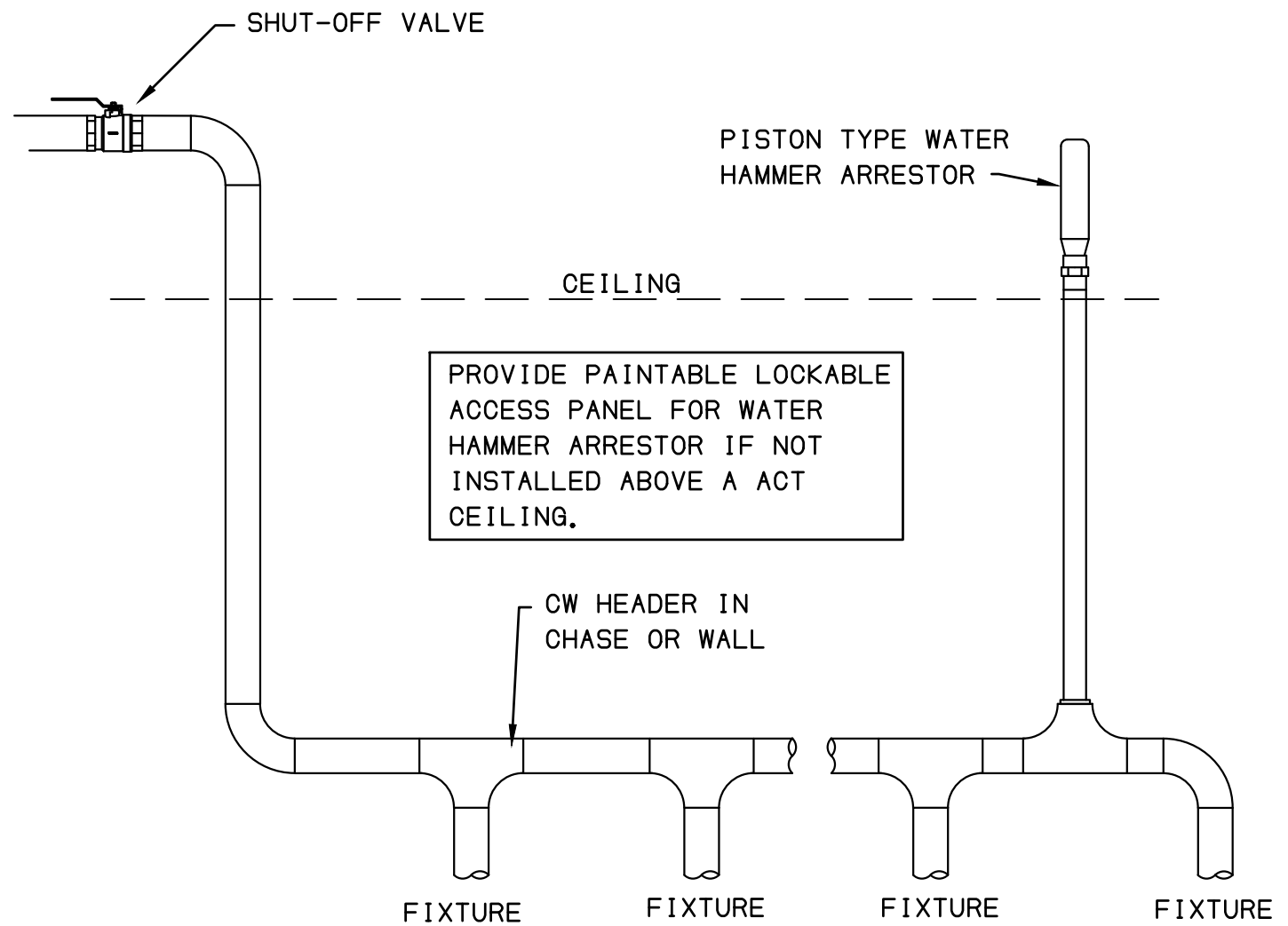
TANKLESS WATER HEATER SCHEDULE	
DESIGNATION:	WH-1
SERVICE:	DOMESTIC HOT WATER
TOTAL NUMBER:	1
MANUFACTURER:	EEMAX
MODEL NO:	SPEX8208
SET WATER TEMP:	120°F
RECOVERY:	45 GPH @ 76" RISE
ELEC CONNECTION:	8.3kW/208V/1φ
WATER HEATER NOTES:	
- PROVIDE JUNCTION BOX AND DISCONNECT.	
- PROVIDE AND INSTALL SEISMIC RESTRAINT ON WATER HEATER.	



BACKFLOW DEVICE DETAIL
NO SCALE

BACKFLOW PREVENTER SCHEDULE	
DESIGNATION:	BFP-1
SERVICE:	DOMESTIC WATER
TOTAL NUMBER:	1
MANUFACTURER:	WATTS
MODEL NO:	LF-919-QT 1 1/2
FLOW RATE (GPM):	30
SIZE:	1-1/2"
PSI LOSS:	12
BACKFLOW NOTES:	
- PROVIDE WITH AIR GAP FITTING AND STRAINER.	
- TERMINATE OVER MOP BASIN WITH AIR GAP.	
- SIZE DRAIN PER MANUFACTURER'S RECOMMENDATIONS.	

RECIRCULATION PUMP SCHEDULE	
DESIGNATION:	CP-1
SERVICE:	DOMESTIC HOT WATER RETURN
TOTAL NUMBER:	1
MANUFACTURER:	BELL AND GOSSET
MODEL NO:	NBF-9U
GPM:	4
FEET OF HEAD:	5
TYPE:	IN-LINE
WATTS/AMPS:	41 / 0.40
ELEC CONNECTION:	120V/1φ/60HZ
PUMP NOTES:	
- PUMP SHALL BE UL/FM LISTED AND APPROVED.	
- PROVIDE AND INSTALL SEISMIC RESTRAINT ON PUMP.	
- PROVIDE UNIONS AT PUMP SO PUMP CAN BE TAKEN OUT OF SYSTEM AND SERVICED.	



WATER HAMMER ARRESTOR SHALL BE INSTALLED AT ALL LOCATIONS WHERE WATER HAMMER CONDITIONS COULD POTENTIALLY EXIST, IE: FLUSH VALVES (MULTIPLE OR SINGLE FIXTURE RESTROOMS), QUICK CLOSING VALVES, SOLENOID VALVES, WASHING MACHINES, ETC. REFER TO MANUFACTURERS CUT SHEETS FOR SIZING AND PLACEMENT OF WATER HAMMER ARRESTORS PRIOR TO ORDERING. IF INSTRUCTIONS ARE NOT SUPPLIED REFER TO PDI GUIDELINES.

WATER HAMMER ARRESTOR
NO SCALE

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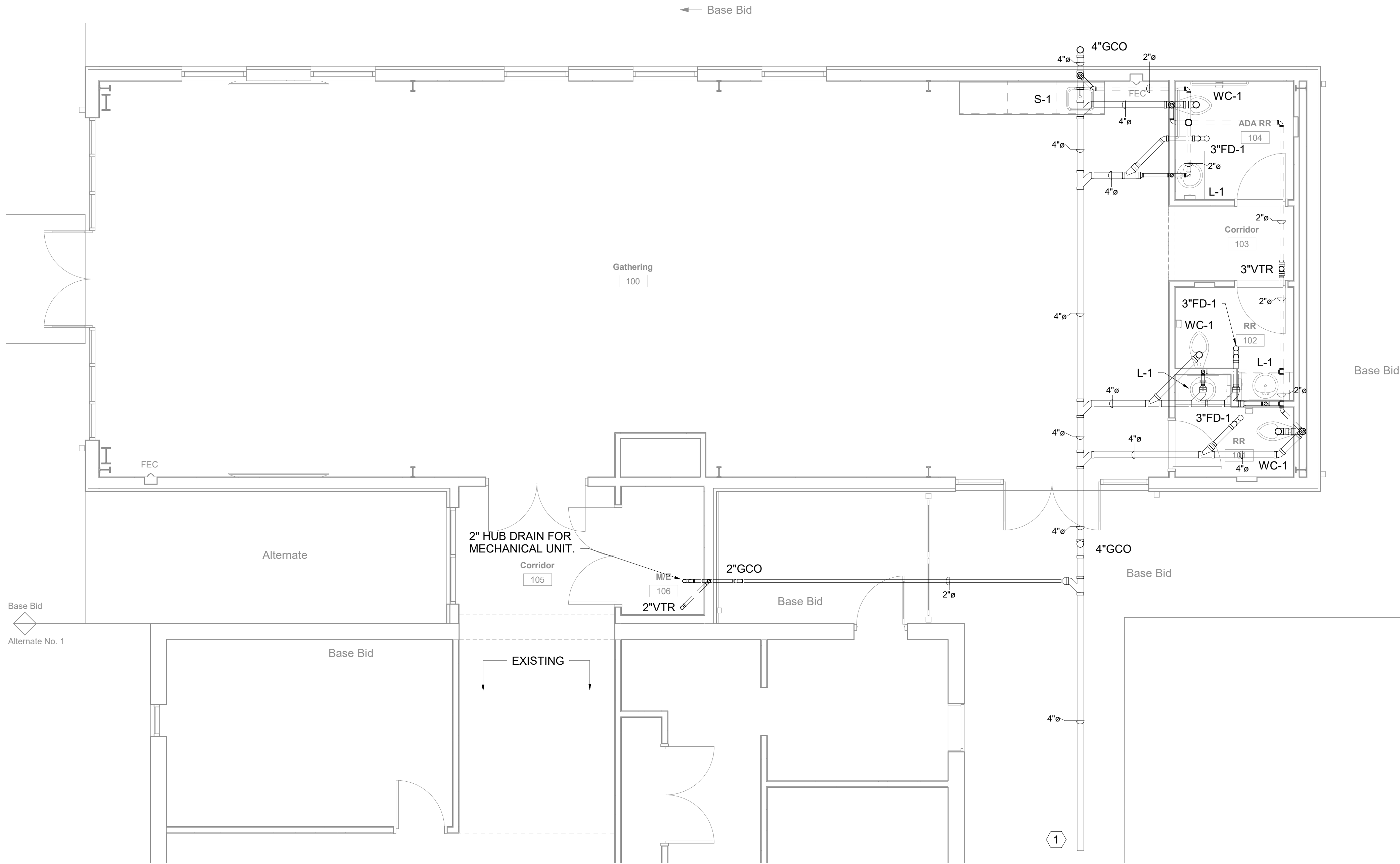
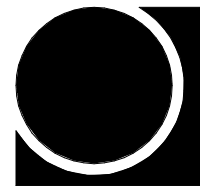


Golden Triangle Regional Airport

FBO Expansion
FY2026 AIG#

Revisions		
#	Description	Date
Golden Triangle Regional Airport		
FBO Expansion FY2026 AIG#		
Columbus, MS		
P002		
DETAILS, SCHEDULES - PLUMBING		
Drawn By HNA	Checked By HNA	Date April 7, 2026
Scale		Project Number 26002.00

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DWV KEY NOTES:

- 1 CONNECT NEW 4"SW TO EXISTING SW ON SITE. CONTRACTOR SHALL FIELD VERIFY EXISTING LOCATION, SIZE, AND ELEVATION VIA CAMERA SCOPE PRIOR TO INSTALLATION.

1 FLOOR PLAN - DWV - PLUMBING
1/4" = 1'-0"

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Golden Triangle Regional Airport

**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



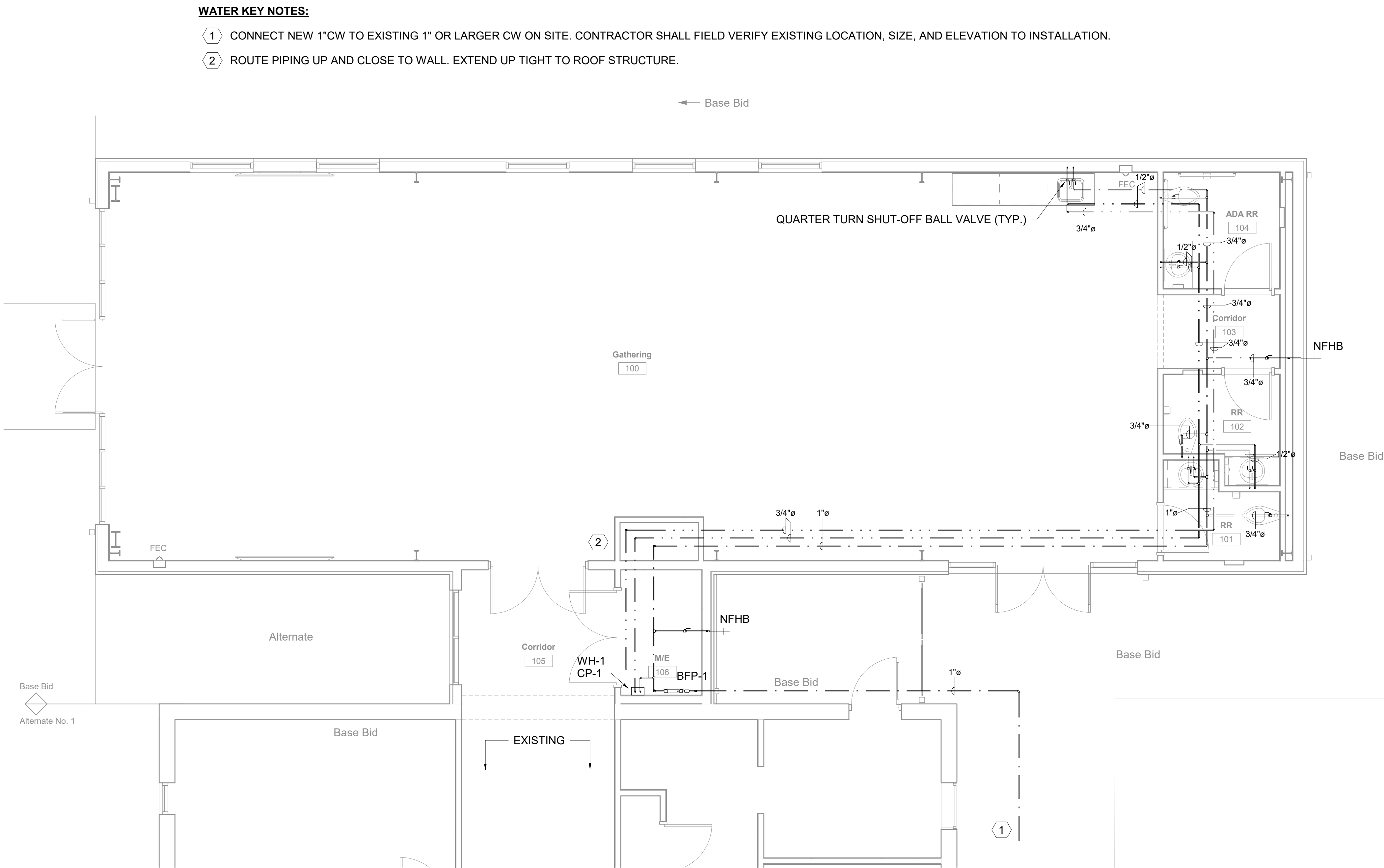
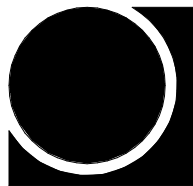
Columbus, MS

P101
FLOOR PLAN - DWV - PLUMBING

Drawn By	Checked By	Date
HNA	HNA	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

26002.00
4/7/2026 9:57:11 AM



1 FLOOR PLAN - WATER - PLUMBING
1/4" = 1'-0"



Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

P102
FLOOR PLAN - WATER -
PLUMBING

Drawn By	Checked By	Date
HNA	HNA	April 7, 2026

Scale	Project Number
1/4" = 1'-0"	26002.00

AHU-1	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
CFM	CUBIC FEET PER MINUTE
DN	DOWN
EA	EXHAUST AIR
EAD	EXHAUST AIR DUCT
EAG	EXHAUST AIR GRILLE
EAT	ENTERING AIR TEMP
EF-1	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
QH-1	GRAVITY HOOD
HP-1	HEAT PUMP
IN. WG	INCHES WATER GAUGE
LAT	LEAVING AIR TEMP
MCA	MINIMUM CURRENT AMPS
MFR	MANUFACTURER
MOCP	MAXIMUM OVER-CURRENT PROTECTION
OAD	OUTSIDE AIR DUCT
OSA	OUTSIDE AIR
PLBG	PLUMBING
RA	RETURN AIR
RAD	RETURN AIR DUCT
RAG	RETURN AIR GRILLE
SA	SUPPLY AIR
SAD	SUPPLY AIR DUCT
SAG	SUPPLY AIR GRILLE
SP	STATIC PRESSURE
TAD	TRANSFER AIR DUCT
TAG	TRANSFER AIR GRILLE
TSTAT	THERMOSTAT
TYP	TYPICAL
UH	UNIT HEATER
8ø	ROUND DUCTWORK
10x6	RECTANGULAR DUCT (WIDTHxDEPTH)

1 ABBREVIATIONS - MECHANICAL

NOT TO SCALE

	THERMOSTAT
	TURNING VANES
	SUPPLY DUCT IN SECTION
	RETURN DUCT IN SECTION
	EXHAUST DUCT IN SECTION
	SUPPLY DIFFUSER
	DIFFUSER CFM AND TYPE
	RETURN/EXHAUST AIR DEVICE
	AIRFLOW DIRECTION

2 SYMBOLS - MECHANICAL

NOT TO SCALE

- PER THE 2021 INTERNATIONAL BUILDING CODE, MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT AND COMPONENTS, INCLUDING THEIR SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED FOR SEISMIC FORCES IN ACCORDANCE WITH CHAPTER 13 OF ASCE 7-16.
- EXTERIOR EQUIPMENT (INCLUDING ROOF CURBS, RAILS, SUPPORTS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH CHAPTERS 26 TO 29 OF ASCE 7-16.
- WHERE DESIGN FOR SEISMIC IN ADDITION TO WIND LOADS IS REQUIRED, THE MORE DEMANDING FORCE MUST BE USED.
- REFERENCE THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY, WIND SPEEDS, ETC.
- FOR ALL COMPONENTS REQUIRING SEISMIC OR WIND RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL EMPLOYED BY A SEISMIC/WIND BRACING SYSTEM MFR.
- SEISMIC/WIND RESTRAINTS FOR DUCTWORK, PIPING, CONDUIT, CABLE TRAY AND BUS DUCT MUST BE SHOWN ON SHOP DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.
- ONCE SEISMIC/WIND RESTRAINTS ARE INSTALLED, THE SEISMIC/WIND BRACING MFR'S REPRESENTATIVE SHALL VISIT THE SITE AND OBSERVE THE INSTALLATION OF THE SEISMIC/WIND BRACING COMPONENTS. THE MFR'S REPRESENTATIVE SHALL SUBMIT A LETTER TO LOCAL CODE ENFORCEMENT STATING THE SEISMIC/WIND BRACING COMPONENTS HAVE BEEN INSTALLED PROPERLY. THE LETTER SHALL BE HAVE THE SEAL OF THE REGISTERED DESIGN PROFESSIONAL. THE LETTER SHALL BE SUBMITTED TO LOCAL CODE ENFORCEMENT PRIOR TO THE FIRST INSPECTION AND EACH FOLLOWING INSPECTION PER LOCAL CODE REQUIREMENTS.

3 SEISMIC NOTES - MECHANICAL

NOT TO SCALE

- FURNISH AND INSTALL ALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY APPLIANCES OR MATERIALS OBVIOUSLY A PART OF THE SYSTEM AND NECESSARY FOR ITS PROPER OPERATION, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL.
- WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- ATTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES.
- DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW FITTING AND DETAIL. INSTALL DUCTS, EQUIPMENT, PIPING, ETC., IN A NEAT WORKMANLIKE MANNER, AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE WORKABLE INSTALLATION. AVOID CONFLICT WITH OTHER WORK; MAKE ADEQUATE PROVISIONS FOR PREVENTING NOISE AND VIBRATION; ARRANGE EQUIPMENT INTO THE AVAILABLE SPACE IN A MANNER TO MAKE ALL WORKING PARTS ACCESSIBLE FOR MAINTENANCE AND SERVICE.
- MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED AGAINST DEFECTS FOR ONE YEAR.
- PROTECT ALL MATERIALS AND EQUIPMENT FROM DAMAGE.
- CONSTRUCT AIR DUCTS IN ACCORDANCE WITH SMACNA DUCT MANUALS LATEST EDITION.
- HVAC WORK INDICATED DIAGRAMMATICALLY, EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS.
- ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE ANY INSTALLATION IS MADE.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH STATE CODES, MANUFACTURER'S APPROVED PUBLISHED LITERATURE, AND AUTHORITIES HAVING JURISDICTION. A COPY OF THE MFR'S INSTALLATION INSTRUCTIONS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
- INSTALLATION OF ALL EQUIPMENT SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT.
- COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE ORDERING.
- FLEXIBLE DUCT RUNOUTS TO CEILING DIFFUSERS SHALL BE INSTALLED FREE OF KINKS AND SAGS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 3'-0".
- COMPLETION AND TESTS SHALL INCLUDE CLEANING AND LUBRICATION OF ALL EQUIPMENT, AND ADJUSTMENTS FOR PROPER OPERATION. ADJUST DAMPERS, REGISTERS AND DIFFUSERS FOR PROPER AIR DISTRIBUTION. CHECK SYSTEM UNDER ACTUAL OPERATING CONDITIONS AND MAKE ADJUSTMENTS FOR A UNIFORM TEMPERATURE THROUGH THE CONDITIONED SPACE.
- LOCATIONS SHOWN FOR EQUIPMENT ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL COORDINATE WITH THE FIELD CONDITIONS FOR THE EXACT LOCATION AND MODIFY DUCTS/PIPES ACCORDINGLY.
- CONTRACTOR SHALL FIELD VERIFY AVAILABLE SPACE FOR DUCTWORK BEFORE FABRICATING. CONTRACTOR SHALL MODIFY DUCTWORK TO FIT AVAILABLE FIELD CONDITIONS.
- COORDINATE THE EXACT ROUTING AND LOCATION OF ALL NEW WORK WITH EXISTING CONDITIONS PRIOR TO ORDERING/FABRICATING NEW WORK. OFFSET AND EXTEND NEW WORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING CONDITIONS.
- ALL EXTERIOR WALL AND ROOF PENETRATIONS SHALL BE SEALED WATERPROOF.
- PROVIDE FIRESTOP WHERE PIPES, CONDUITS, BUS DUCTS, WIRES, DUCTS, AND SIMILAR BUILDING SERVICE EQUIPMENT PENETRATING RATED FLOORS AND WALLS.
- ALL CEILING EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY THAT LIGHTS, PIPING, AND DUCTWORK DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
- ALL DUCT SIZES SHOWN ARE NET INSIDE CLEAR DIMENSIONS.

4 GENERAL NOTES - MECHANICAL

NOT TO SCALE

- PROVIDE VOLUME DAMPERS AT EACH BRANCH TAKEOFF AND IN SUCH OTHER LOCATIONS WHERE REQUIRED TO PROPERLY BALANCE THE SYSTEM.
- PROVIDE INSTRUMENT TEST HOLES WITH CAPS IN AIR DISTRIBUTION SYSTEMS WHEREVER VOLUME DAMPER ARE SHOWN.
- ALL MISCELLANEOUS STRUCTURAL SUPPORTS REQUIRED FOR HVAC EQUIPMENT INSTALLATIONS SHALL BE PROVIDED BY HVAC CONTRACTOR.
- ALL TRANSFER DUCTS SHALL BE INTERNALLY LINED.
- ALL THE MITERED ELBOWS SHALL BE PROVIDED WITH TURNING VANES. ALL THE ROUND ELBOWS SHALL A CENTER TO FACE OF 1.5 X THE DUCT WIDTH.
- ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR SUSPENDED CEILINGS UNLESS OTHERWISE NOTED.
- ACCESS PANELS IN SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, DAMPERS, CONTROLS, ETC., AND SHALL BE FURNISHED UNDER ARCHITECTURAL SPECIFICATIONS.
- PROVIDE ONE 12"x12" TAD FOR EVERY 400 CFM AS REQUIRED FOR RA PATH BACK TO UNIT IN ROOMS WHERE WALLS GO TO DECK.
- ALL MATERIAL INSTALLED IN RETURN AIR PLENUM SHALL HAVE FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50. INSTALL PLENUM RATED ELECTRICAL AND LOW VOLTAGE CABLE IN RETURN AIR PLENUM.
- ALL MOTORIZED DAMPERS SHALL BE LOW VOLTAGE AND POWERED BY THE ASSOCIATED EQUIPMENT.
- EQUIPMENT SHUTDOWN OR SPACE RESTRICTION SHOULD BE COORDINATED WITH THE OWNER. NOTICE SHOULD BE GIVEN TWO (2) WEEKS IN ADVANCE.
- REFRIGERANT PIPE LOCATED IN AREAS OTHER THAN THE ROOM OR SPACE WHERE THE REFRIGERATING EQUIPMENT IS LOCATED SHALL BE IDENTIFIED. THE PIPE IDENTIFICATION SHALL BE LOCATED AT INTERVALS NOT EXCEEDING 20 FEET (6096 MM) ON THE REFRIGERANT PIPING OR PIPE INSULATION. THE MINIMUM HEIGHT OF LETTERING OF THE IDENTIFICATION LABEL SHALL BE 1/2 INCH (12.7 MM). THE IDENTIFICATION SHALL INDICATE THE REFRIGERANT DESIGNATION AND SAFETY GROUP CLASSIFICATION OF REFRIGERANT USED IN THE PIPING SYSTEM. FOR GROUP A2, A3, B2 AND B3 REFRIGERANTS, THE IDENTIFICATION SHALL ALSO INCLUDE THE FOLLOWING STATEMENT: "DANGER-RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT." FOR ANY GROUP B REFRIGERANT, THE IDENTIFICATION SHALL ALSO INCLUDE THE FOLLOWING STATEMENT: "DANGER-TOXIC REFRIGERANT."
- ALUMINUM, COPPER AND STEEL TUBE USED FOR GROUP A2L AND B2L REFRIGERANTS AND LOCATED IN CONCEALED LOCATIONS WHERE TUBING IS INSTALLED IN STUDS, JOISTS, RAFTERS OR SIMILAR MEMBER SPACES, AND LOCATED LESS THAN 1 1/2 INCHES FROM THE NEAREST EDGE OF THE MEMBER, SHALL BE CONTINUOUSLY PROTECTED BY SHIELD PLATES. PROTECTIVE STEEL SHIELD PLATES HAVING A MINIMUM THICKNESS OF 0.0575 INCH (NO. 16 GAGE) SHALL COVER THE AREA OF THE TUBE PLUS THE AREA EXTENDING NOT LESS THAN 2 INCHES BEYOND BOTH SIDES OF THE TUBE.

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Revisions

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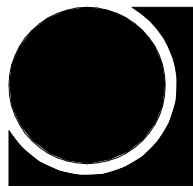


Columbus, MS

M001
Legends, Notes - Mechanical

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MDN	MDN	April 7, 2026

Scale	Project Number
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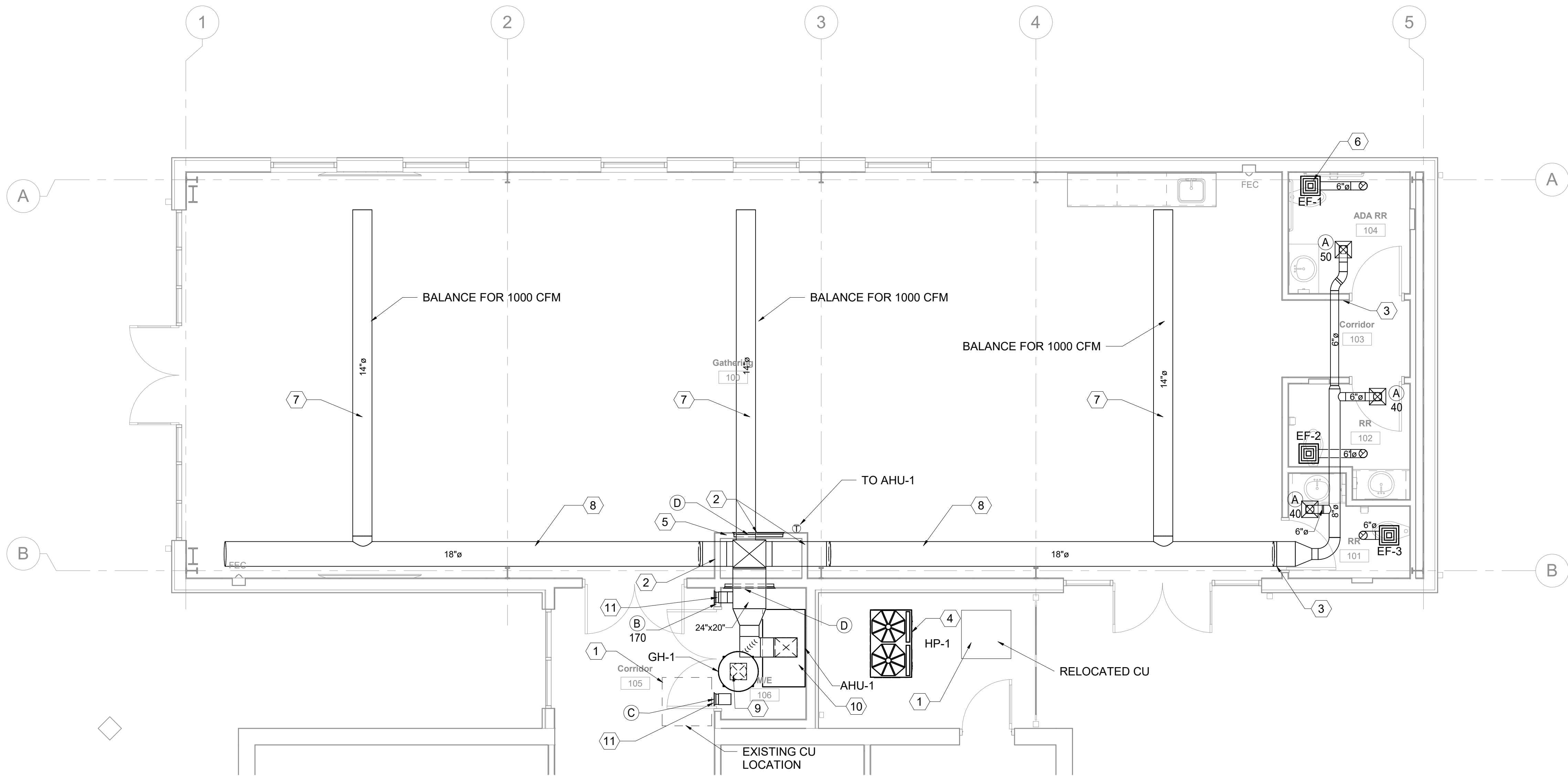


GENERAL NOTES

1. ALL MATERIAL INSTALLED IN RETURN AIR PLENUM SHALL HAVE FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50. INSTALL PLENUM RATED ELECTRICAL AND LOW VOLTAGE CABLE IN RETURN AIR PLENUM.
2. PROVIDE FLEXIBLE CANVAS CONNECTIONS BETWEEN UNIT AND DUCTS.
3. COORDINATE ALL NEW WORK WITH EXISTING CONDITIONS PRIOR TO ORDERING/FABRICATING NEW WORK. OFFSET/EXTEND NEW WORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING CONDITIONS.
4. ALL EXPOSED HARD DUCT TO BE INTERNALLY LINED WITH CLOSED CELL ELASTOMERIC INSULATION AND PAINTED TO PER THE ARCHITECT.

KEYNOTES

1. RELOCATE EXISTING CU TO THIS LOCATION. EXTEND REFRIGERANT PIPING AND ELECTRICAL TO NEW LOCATION. PRIOR TO REMOVAL, CONTRACTOR TO MEASURE REFRIGERANT PRESSURES AND TEMPERATURES AND AHU ENTERING AND LEAVING AIR TEMPERATURES. ANCHOR EXISTING CU TO NEW 6" THICK POURED IN PLACE CONCRETE PAD. PAD TO EXTEND PAST UNIT A MINIMUM OF 6" ON ALL SIDES. SIZE AND INSTALL REFRIGERANT PIPING PER THE MFR'S RECOMMENDATIONS. REMOVE CEILING TILES IN EXISTING BUILDING AS REQUIRED TO EXTEND THE REFRIGERANT PIPING. IF TILES OR GRID ARE DAMAGED DURING COURSE OF WORK, REPLACE TO MATCH EXISTING CONDITIONS PER THE ARCHITECT.
2. BEGIN FABRIC DUCT AT THIS POINT. FABRIC DUCT TO BE NON-POROUS FABRIC WITH INTERNAL TENSIONING FRAMEWORK. FABRIC DUCT TO BE EQUAL TO DUCTSOX SKELECORE FTS WITH CABLE SUPPORTS. CUSTOM COLOR TO BE SELECTED BY THE ARCHITECT.
3. TRANSITION TO HARD DUCT.
4. ANCHOR HP TO 6" THICK POURED IN PLACE CONCRETE PAD. PAD TO EXTEND PAST UNIT A MINIMUM OF 6" ON ALL SIDES. ROUTE REFRIGERANT PIPING FROM HP TO AHU. SIZE AND INSTALL REFRIGERANT PIPING PER THE MFR'S RECOMMENDATIONS.
5. INSTALL RAG WITH BOTTOM 12" AFF.
6. ROUTE 6" EAD FROM EF TO ROOF CAP. ROOF CAP TO BE PAINTED PER THE ARCHITECT. (TYP)
7. INSTALL AIR VENTS AT 5 AND 7 O'CLOCK POSITIONS. INSTALL INTERNAL DAMPERS IN FABRIC DUCT SYSTEM FOR BALANCING.
8. SLOPE SAD WITH STRUCTURE.
9. INSTALL GH ON ROOF PER THE MFR'S RECOMMENDATIONS. ROUTE OAD FULL SIZE OF GH DUCT CONNECTION DOWN AND TERMINATE 6" BELOW STRUCTURE. INSTALL MANUAL DAMPER FOR BALANCING. INSTALL LOW VOLTAGE DAMPER THAT IS INTERLOCKED WITH THE AHU.
10. INSTALL AHU ON 12" HIGH RA PLENUM STAND FOR BOTTOM RA PATH. INSTALL 1/2" MESH SCREEN ON BOTTOM OF AHU. PROVIDE AUXILIARY DRAIN PAN UNDER ENTIRE UNIT WITH LOW VOLTAGE MOISTURE SENSING DEVICE PER CODE. ROUTE 1-1/4" CONDENSATE PIPING FROM UNIT TO PIPING PROVIDED BY PLUMBING CONTRACTOR AND PROVIDE AIR GAP PER LOCAL CODE REQUIREMENTS.
11. INSTALL GRILLE IN WALL WITH BOTTOM 7'-6" AFF. DUCT SHALL BE FULL SIZE OF GRILLE.



1 FLOOR PLAN - MECHANICAL

1/4" = 1'-0"

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**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#

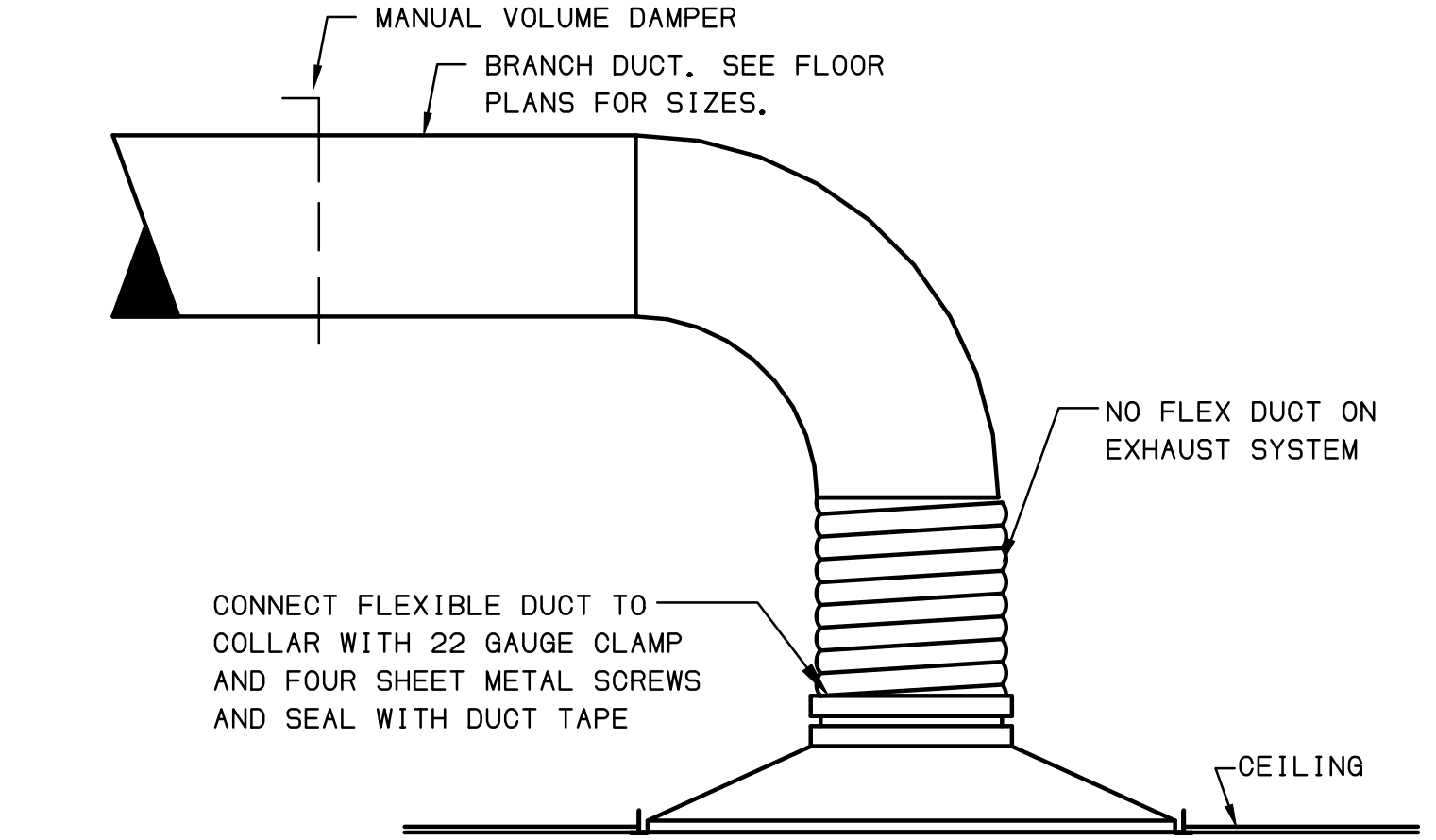


Columbus, MS

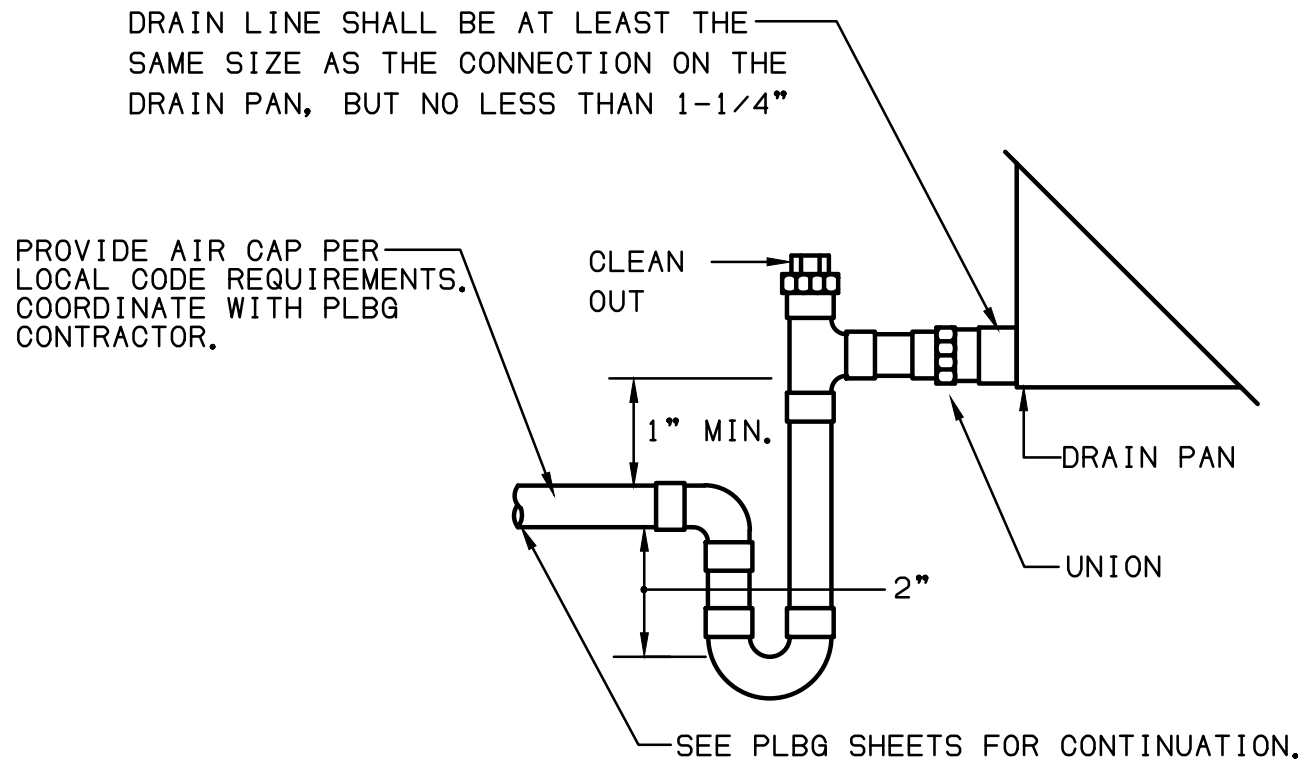
M101
FLOOR PLAN - MECHANICAL

Drawn By	Checked By	Date
MDN	MDP	April 7, 2026

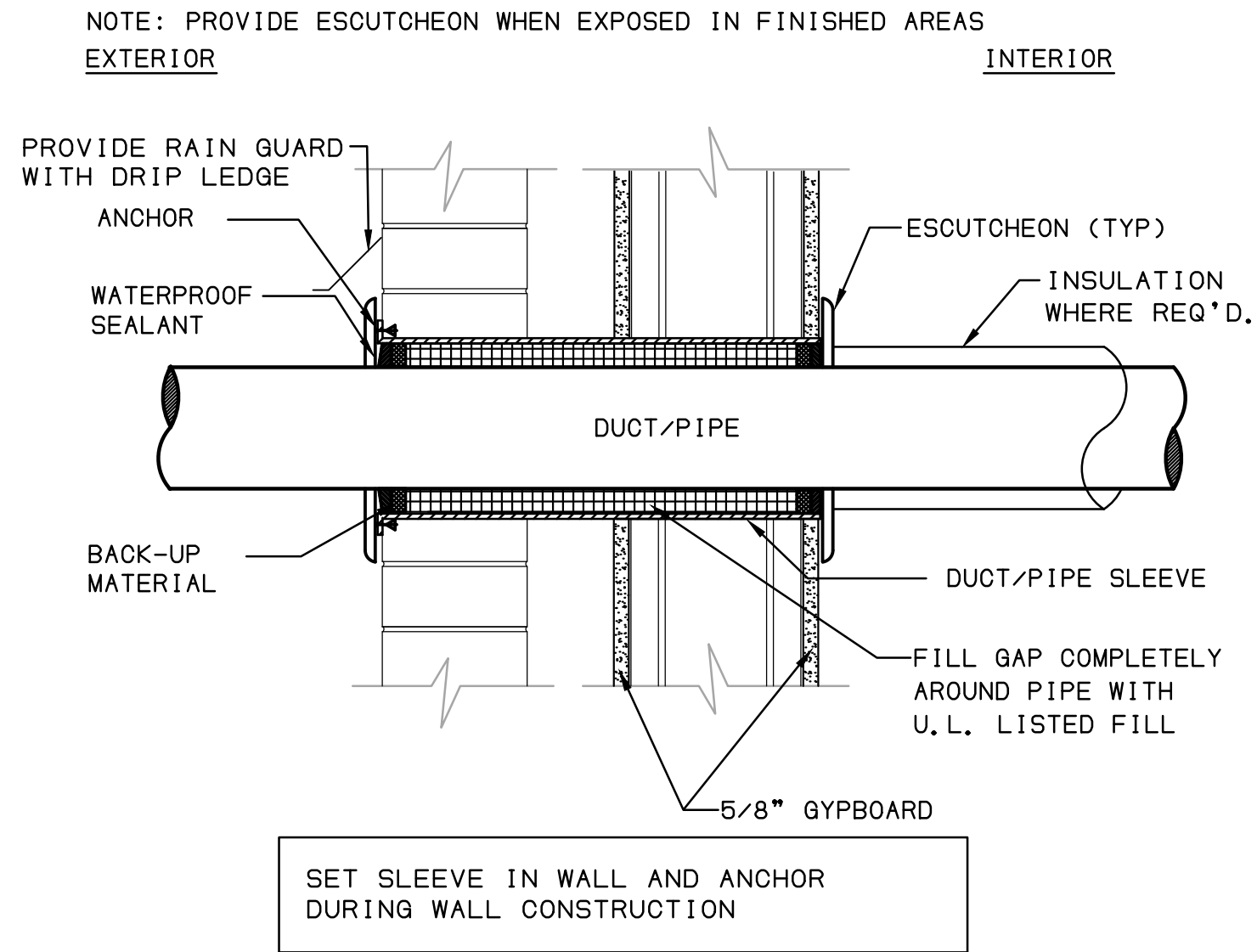
Scale	Project Number
1/4" = 1'-0"	26002.00



1 DIFFUSER CONNECTION DETAIL
NOT TO SCALE



2 CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE



3 DUCT/PIPE PENETRATION
THRU EXTERIOR WALL DETAIL
NOT TO SCALE

EXHAUST FAN SCHEDULE											
GENERAL DATA						ELECTRICAL DATA		FAN WHEEL		INTERLOCK	COMMENTS
MARK	CFM	EXT SP IN. WG	MAX SONE RATING	DISCHARGE	TYPE	MOTOR HP/ WATTS	VOLTS/PHASE	DRIVE	FAN SPEED RPM		
EF-1	75	0.5	1.5	ROOF	CEILING	80 WATTS	120/1	DIRECT	950	LIGHTS	1
EF-2	75	0.5	1.5	ROOF	CEILING	80 WATTS	120/1	DIRECT	950	LIGHTS	1
EF-3	75	0.5	1.5	ROOF	CEILING	80 WATTS	120/1	DIRECT	950	LIGHTS	1

1. FAN TO BE EQUAL TO GREENHECK MODEL SP-B110 WITH GRILLE KIT, INTEGRAL DISCONNECT, BACKDRAFT DAMPER, SPEED CONTROLLER, HANGING VIBRATION ISOLATION KIT, ROOF CAP, AND ALL ACCESSORIES AS REQUIRED FOR INTERLOCKING. ROOF CAP TO BE LOW PROFILE AND RATED FOR USE WITH STANDING SEAM METAL ROOF.

SPLIT SYSTEM HEAT PUMP SCHEDULE													
GENERAL DATA				ELECTRICAL DATA			COOLING DATA			HEATING DATA			COMMENTS
MARK	SERVES	MODEL	NOMINAL TONNAGE	MCA	MOCP	VOLTS/PHASE	MIN IEER	AMBIENT AIR TEMPERATURE F	COOLING CAPACITY BTU/HR	MIN COP	AMBIENT AIR TEMPERATURE F	HEATING CAPACITY BTU/HR	
HP-1	AHU-1	ZRUM096	8	36.4	40	208/3	19	95	96,000	3.66	17	97,860	1, 2, 3

- HEAT PUMP SHALL BE LG MODEL LISTED ABOVE OR APPROVED EQUAL.
- MECHANICAL CONTRACTOR TO PROVIDE DISCONNECT. ELECTRICAL CONTRACTOR TO WIRE AND INSTALL DISCONNECT.
- SIZE AND INSTALL REFRIGERANT PIPING PER MFR'S RECOMMENDATIONS.

SPLIT SYSTEM AIR HANDLING UNIT														
GENERAL DATA					ELECTRICAL DATA		DX COOLING COIL DATA					HEAT PUMP DATA		COMMENTS
MARK	MODEL	SA CFM	OSA CFM	EXT SP IN. WG	MOTOR HP	VOLTS/PHASE	REFRIGERANT	ENT AIR TEMPERATURE		SENSIBLE BTU/HR	TOTAL BTU/HR	ENT AIR TEMPERATURE	CAPACITY BTU/HR	
								F DB	F WB					
AHU-1	BVE40	3130	375	0.75	1.5	208/3	R32	77.8	65.3	73,545	95,295	63.7	67,000	1, 2, 3

- UNIT TO BE MAGIC AIRE MODEL LISTED ABOVE OR APPROVED EQUAL.
- SIZE REFRIGERANT PIPE PER MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT PIPING SHALL BE TYPE ACR DRAWN COPPER TUBING WITH WROUGHT COPPER FITTINGS. REFRIGERANT PIPING TO HAVE 1/2" ARMAFLEX INSULATION. EXTERIOR EXPOSED INSULATION SHALL BE UV RESISTANT OR PROVIDED WITH PAINT/SHIELD TO PROTECT AGAINST UV RADIATION. PROVIDE VALVES AND SPECIALTIES IN ACCORDANCE WITH EQUIPMENT MFR.'S RECOMMENDATIONS.
- PROVIDE VRF AHU KIT (KIT TO BE POWERED BY AHU), 7-DAY PROGRAMMABLE THERMOSTAT, R-32 COIL, BELT DRIVEN SUPPLY FAN WITH VFD FOR SINGLE ZONE VAV OPERATION, MERV 8 FILTER, STANDARD INSULATION, GALVANIZED DRAIN PAN, FACTORY MOUNTED START/STOP AND ALL NECESSARY ACCESSORIES TO ACCOMPLISH SINGLE ZONE VAV OPERATION.

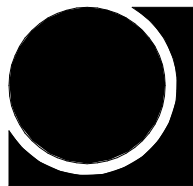
GRAVITY HOOD SCHEDULE				
MARK	THROAT (INCHES)	CFM	SP DROP (IN. WG)	COMMENTS
GH-1	12	375	0.04	1 2

- GRAVITY HOOD TO BE EQUAL TO GREENHECK MODEL GRS WITH BACKDRAFT DAMPER, DAMPER TRAY, 18" HIGH PITCHED ROOF CURB, AND BIRD SCREEN.
- CURB AND HOOD TO BE PAINTED TO MATCH ROOF.

AIR DISTRIBUTION DEVICE SCHEDULE					
MARK	NECK SIZE	FACE SIZE	MAX NC RATING	MAX SP DROP IN. WG	COMMENTS
A	6"Ø	12x12	30	0.1	1
B	-	8x6	30	0.1	2
C			30	0.1	3
D	-	36x30	30	0.1	3

- AIR DEVICE TO BE EQUAL TO NAILOR UNI WITH FACTORY INSULATED BACK.
- AIR DEVICE TO BE EQUAL TO NAILOR 4260.
- AIR DEVICE TO BE EQUAL TO NAILOR 6145H. PAINT PER THE ARCHITECT.





LIGHTING		EXIT SIGN, PROVIDE DIRECTIONAL ARROWS AS INDICATED
LIGHTING		EXTERIOR SCONCE, REFER TO SCHEDULE & DRAWINGS FOR ELEVATIONS.
LIGHTING		STRIPLIGHT
LIGHTING		DOWNLIGHT FIXTURE
LIGHTING		2'X4' FIXTURE
LIGHTING		HATCHED FIXTURE DESIGNATES A FIXTURE WITH AN EMERGENCY BATTERY OR CONNECTED TO AN EMERGENCY BACK-UP POWER SUPPLY
LIGHTING		EXTERIOR WALLPACK, REFER TO SCHEDULE & DRAWINGS FOR ELEVATIONS
LIGHTING	A	DENOTES FIXTURE TAG "A" - SEE FIXTURE SCHEDULE
LIGHTING		SINGLE POLE LIGHT SWITCH - CENTER MOUNT AT 42" AFF. "3" INDICATES 3-WAY SWITCH,"OC" INDICATES DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH WITH MANUAL OVERRIDE,"d" INDICATES DIMMER SWITCH, "4" INDICATES 4-WAY SWITCH, "dW" INDICATES WIRELESS, LINE POWERED DIMMER SWITCH
LIGHTING		CEILING MOUNTED, DUAL TECHNOLOGY, LINE VOLTAGE OCCUPANCY SENSOR. "LV" DENOTES CEILING MOUNTED, DUAL TECHNOLOGY, LOW VOLTAGE OCCUPANCY SENSOR. PROVIDE POWER PACKS AS REQUIRED.
POWER		DUPLEX RECEPTACLE, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED
POWER		GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED
POWER		ISOLATED GROUND DUPLEX RECEPTACLE, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED
POWER		ABOVE COUNTER DUPLEX RECEPTACLE, CENTER MOUNT AT 4" ABOVE BACKSPLASH AT MILLWORK. COORDINATE WITH ARCHITECTURAL ELEVATIONS & CASEWORK VENDOR.
POWER		GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE WITH WEATHER-PROOF IN-USE COVER, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED. PROVIDE LOCKABLE COVER.
POWER		USB DUPLEX RECEPTACLE EQUAL TO LEVITON T5633, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED
POWER		DOUBLE DUPLEX RECEPTACLE, CENTER MOUNT AT 18" AFF, UNLESS OTHERWISE NOTED
POWER		SPECIAL RECEPTACLE, TYPE AND MOUNTING AS INDICATED.
POWER		IN-GRADE FLOORBOX W/ RECEPTACLE/DATA. ROUTE CONDUIT TO NEAREST ACCESSIBLE CEILING. SEE DRAWINGS FOR DATA AND RECEPTACLE QUANTITY. PROVIDE LEGRAND #EFB45S OR EQUAL FLOORBOX.
POWER		PANELBOARD - RATING, MOUNTING, ETC. PER ONE LINE DIAGRAM
POWER		JUNCTION BOX - USE AS INDICATED
POWER		FUSED HEAVY-DUTY DISCONNECT, SIZED & RATED AS INDICATED
POWER		NON-FUSED HEAVY-DUTY DISCONNECT, SIZED & RATED AS INDICATED
POWER		FEEDER RUN OVERHEAD - CONCEALED IN OR ABOVE CEILING IN WALL OR EXPOSED ON STRUCTURE - #12 COPPER CONDUCTORS IN 0.75"CU CONDUIT, UNLESS OTHERWISE NOTED. #10 INDICATES #10 AWG CU.
POWER		FEEDER RUN CONCEALED BELOW FLOOR, IN WALL OR BELOW GRADE.
COMMUNICATIONS		TELE/DATA OUTLET CENTER MOUNT AT 18" AFF, PROVIDE ONE 1"CU FROM OUTLET TO NEAREST ACCESSIBLE CEILING SPACE. IF LOCATED DIRECTLY ADJACENT TO A RECEPTACLE, MOUNT AT SAME HEIGHT.
ANNOTATION	X	KEYED NOTE
FIRE ALARM		FIRE ALARM MANUAL PULL STATION, MOUNT AT 42" AFF TO CENTER.
FIRE ALARM		VISUAL INDICATOR DEVICE, WALL MOUNT
FIRE ALARM		COMBINATION AUDIBLE & VISUAL INDICATOR ALARM
FIRE ALARM		SMOKE DETECTOR, CEILING MOUNT
FIRE ALARM		HEAT DETECTOR, CEILING MOUNT
FIRE ALARM		DOOR HOLD-OPEN
COMMUNICATION		INTERCOM SPEAKER - PROVIDE ONE 1"CU FROM OUTLET TO NEAREST ACCESSIBLE CEILING SPACE, SEE SPECIFICATIONS
COMMUNICATION		CABLE TRAY - MOUNT WITH SEISMIC RESTRAINTS PER CONTRACTOR. PROVIDE SEISMIC EVALUATION & STRUCTURAL SUPPORT.
COMMUNICATION		TBB - TELEPHONE BACKBOARD - SEE SPECIFICATIONS
SECURITY		SECURITY CAMERA BY OWNER. CONTRACTOR SHALL PROVIDE BOX IN WALL AND ONE 1"CU FROM OUTLET TO ACCESSIBLE CEILING SPACE.
COMMUNICATION		INTERCOM MASTER CONTROL STATION BY DIVISION 27. COORDINATE EXACT REQUIREMENTS WITH SECURITY VENDOR.
COMMUNICATION	DX	INDICATES NUMBER OF DATA DROPS. ALL CABLING SHALL BE CAT 6A - PLENUM RATED CERTIFIED MATERIALS.
COMMUNICATION		WIRELESS ACCESS POINT BY OWNER - CONTRACTOR SHALL PROVIDE DATA JACK WITH SINGLE DATA DROP ABOVE CEILING AND PATCH CORD. COORDINATE FINAL LOCATIONS WITH OWNER.
COMMUNICATION		FIRE STOPPING COMMUNICATIONS PENETRATION. EZ PATH BY STI FIRE STOP OR APPROVED EQUAL.
SECURITY		PUSH BUTTON RELEASE - COORDINATE REQUIREMENTS WITH VENDOR
SECURITY		CONNECTION TO ELECTRONIC DOOR LOCK
SECURITY		CARD READER. PROVIDE 1"CU FROM BOX TO ACCESSIBLE CEILING SPACE. COORDINATE EXACT REQUIREMENTS WITH SECURITY VENDOR.

DEVICE NOTE

1. ALL SWITCHES, RECEPTACLES, DEVICES AND FACEPLATE FINISHES ARE TO BE COORDINATED WITH OWNER/ARCHITECT.

ELECTRICAL SHEET LIST	
Sheet Number	Sheet Name
E001	LEGEND & SCHEDULES - ELECTRICAL
E002	PANEL SCHEDULE - ELECTRICAL
E201	FLOOR PLAN - LIGHTING
E301	FLOOR PLAN - POWER

ELECTRICAL FIXTURE SCHEDULE						
GENERAL NOTES 1. FOR FIXTURE TYPES ENDING IN OR BEGINING WITH "E", PROVIDE LIGHTING MANUFACTURER RECOMMENDED EMERGENCY BATTERY BACKUP CAPABLE OF 90 MINUTE RUNTIME. FOR EMERGENCY FIXTURES BEING SWITCHED, THE INTEGRAL BATTERY PACK TO BE CONNECTED TO UNSWITCHED "SENSING" CIRCUIT AND SWITCHED "NORMAL" CIRCUIT, UOI. 2. COORDINATE ALL FINISH TYPES WITH ARCHITECT. 3. UNLESS OTHERWISE NOTED, PROVIDE 4000K COLOR TEMPERATURE 4. THE LIGHTING DESIGN FOR THIS PROJECT IS BASED UPON THE MANUFACTURERS SPECIFIED. IF AN ADDITIONAL SUBSTITUTION IS DESIRED BY THE CONTRACTOR, A SUBSTITUTION REQUEST SUBMITTAL MUST BE PROVIDED AS FOLLOWS: 4.1. SUBSTITUTION REQUEST MUST BE RECEIVED BY THE ARCHITECT/ENGINEER IN WRITING 10 DAYS PRIOR TO BID. FAILURE TO SUBMIT CONSTITUTES A RIGHT BY THE ARCHITECT/ENGINEER TO REJECT ANY AND ALL FIXTURES....						
Type Mark	Lamp	Description	Mounting	Manufacturer	Model	Electrical Data
A	LED	2'x2' ARCHITECTURAL TROFFER, WIRELESS OCC SENSOR	RECESSED	DAY-BRITE	2FGXG-38L-840-2-RS-UNV-DIM-SWZCS	120 V/1-29 VA
C1	LED	4' STRIPLIGHT, LENSED	SUSPENDE/SU RFACE	DAY-BRITE	FSW455L840-UNV-DIM	120 V/1-41 VA
D1	LED	4" DOWNLIGHT, WIRELESS MODULE	RECESSED	LIGHTOLIER	4RN / P4R-DL-20-940-WCD-RA-U	120 V/1-17 VA
D2	LED	4" DOWNLIGHT, LENSED	RECESSED	LIGHTOLIER	4RN / P4R-SL-20-940-WCD-Z10-U	120 V/1-17 VA
E1	LED	EXIT SIGN (RED)	WALL/SURFACE	BEGHELLI	EPX-SA-ATR	120 V/1-2 VA
F	LED	24" ARCHITECTURAL VANITY FIXTURE	WALL, CENTERED ABOVE SINK MIRROR	ASL	VBGA-24	120 V/1-24 VA
H	LED	CYLINDER DOWNLIGHT	SUSPENDE	PHILIPS	910505104876	120 V/1-25 VA
P	LED	WALLPACK, TYPE 3 DISTRIBUTION, WIRELESS MODULE	WALL	GARDCO	PWS-48L-300-NW-G2-3-UNV-WIAP	120 V/1-47 VA

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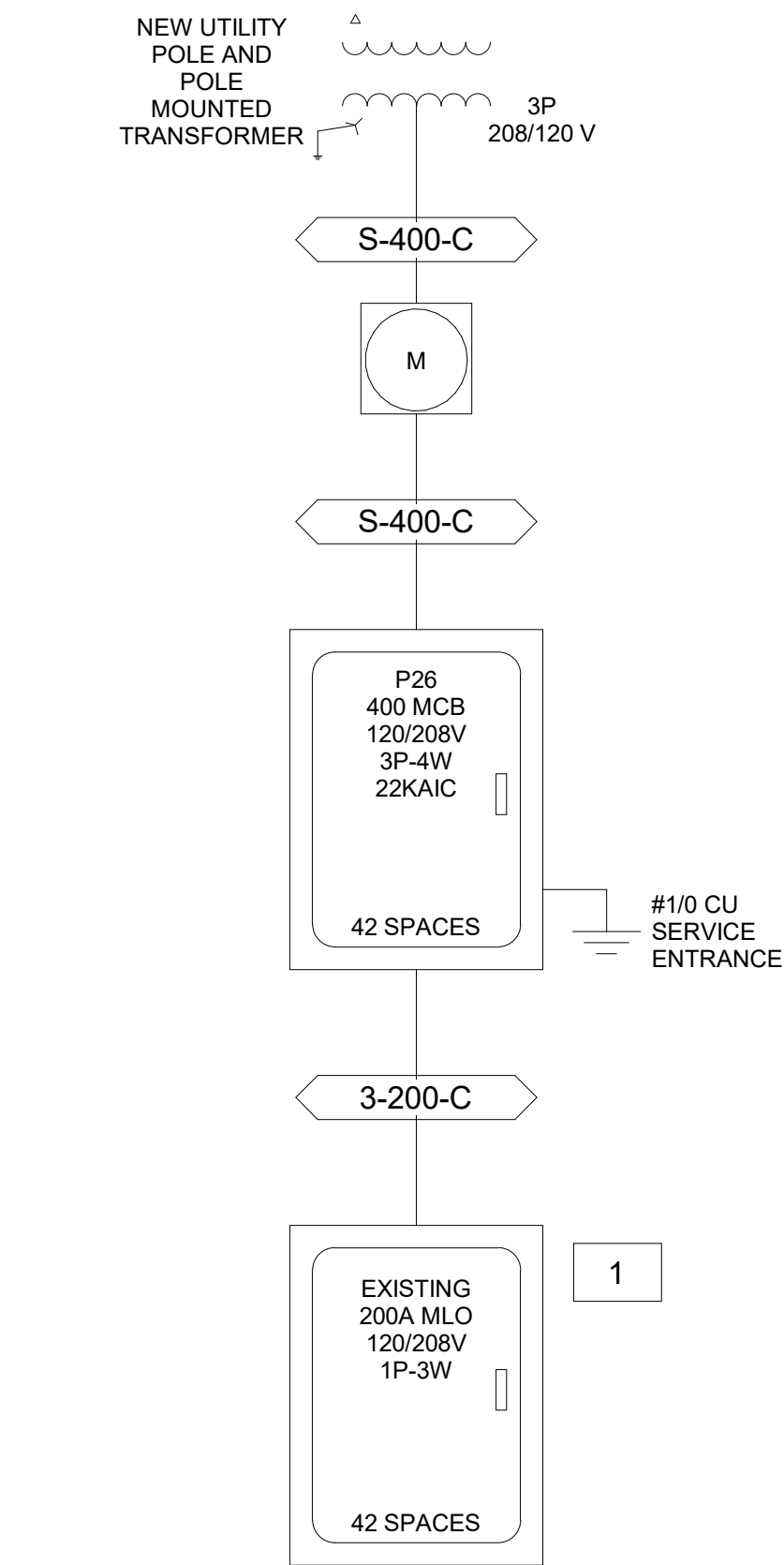
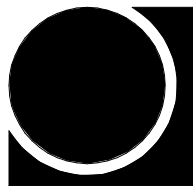


Columbus, MS

E001
LEGEND & SCHEDULES -
ELECTRICAL

Drawn By	Checked By	Date
MKH	JDH	April 7, 2026

Scale: 1/8" = 1'-0"
Project Number: 26002.00



1 SINGLE LINE
12" = 1'-0"

ELECTRICAL FEEDER SCHEDULE							
TAG #	NOMINAL AMPACITY	MINIMUM CONDUIT SIZE	NO. OF PARALLEL RUNS	MINIMUM CABLE SIZE (AWG)	MATERIAL (INCLUDES ALL CONDUCTORS)	NO. OF CONDUCTORS	EQUIP. GROUND COND. (AWG)
S-400-C	400 A	3 1/2"	1	#500MCM	CU	4	
3-200-C	200 A	2"	1	#3/0	CU	3	#6

ELECTRICAL ONE-LINE NOTES:

- IN ACCORDANCE WITH NEC ARTICLE 110.16, ELECTRICAL EQUIPMENT LIKELY TO REQUIRE EXAMINATION WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN PERSONNEL OF POTENTIAL ARC FLASH HAZARDS. THIS SHALL BE FURNISHED FROM THE FACTORY.
- ALL EQUIPMENT WHICH IS APPLIED IN COMPLIANCE WITH SERIES COMBINATION RATINGS SHALL BE MARKED AS FOLLOWS: "CAUTION -- SERIES COMBINATION SYSTEM RATED _____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED." THIS IS IN ACCORDANCE WITH NEC ARTICLE 110.22.C.
- IN ACCORDANCE WITH NEC ARTICLE 110.24, THE SERVICE EQUIPMENT SHALL BE FIELD MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT ALONG WITH THE DATE THE CALCULATION WAS PERFORMED.
- ALL WORKING SPACE REQUIREMENTS AROUND ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.26 SHALL BE STRICTLY ADHERED TO BY ALL TRADES.
- IN ACCORDANCE WITH NEC ARTICLE 230.8, RACEWAYS ENTERING A BUILDING FROM AN UNDERGROUND DISTRIBUTION SYSTEM SHALL BE SEALED IN ACCORDANCE WITH 300.5.G.
- ALL PANELBOARDS SHALL HAVE COPPER BUSSING.
- CONTRACTOR SHALL PROVIDE SPARE BREAKERS AS INDICATED ON PANEL SCHEDULES.
- GROUNDING SHALL BE PER NEC 250.
- ALL PANELBOARDS ARE TO FRONT-HINGED BOX TYPE.
- ALL PANELBOARDS ARE TO HAVE FEED THRU LUGS FOR FUTURE PROVISIONS.

SERVICE ENTRANCE NOTES:

- UNDERGROUND SERVICE LATERAL CONDUCTORS MUST BE PROTECTED FROM DAMAGE IN ACCORDANCE WITH ARTICLE 300.5. UNDERGROUND SERVICE CONDUCTORS THAT ARE NOT ENCASED IN CONCRETE AND THAT ARE BURIED 18" OR MORE BELOW GRADE SHALL HAVE THEIR LOCATION IDENTIFIED BY A WARNING RIBBON PLACED 12" ABOVE THE UNDERGROUND INSTALLATION.
- UNLESS LOCAL CODE DICTATES OTHERWISE, PVC SERVICE ENTRANCE LATERAL RACEWAY MUST BE BURIED AT LEAST 18" TO THE TOP OF THE RACEWAY UNLESS BELOW A COVERING OF AT LEAST 2" OF CONCRETE. RACEWAY COVERED UNDER 2" OF CONCRETE MUST BE BURIED AT LEAST 12" TO THE TOP OF THE RACEWAY.
- BACKFILL THAT CONTAINS LARGE ROCKS, PAVING MATERIALS, CORROSIVE MATERIAL OR ANYTHING ELSE THAT MAY CAUSE DAMAGE TO RACEWAYS OR CABLES SHALL NOT BE PLACED IN EXCAVATION. CONDUITS OR RACEWAYS THROUGH WHICH MOISTURE MAY CONTACT LIVE PARTS SHALL BE SEALED OR PLUGGED AT ONE OR BOTH ENDS. SPARE OR UNUSED RACEWAYS SHALL ALSO BE SEALED. SEALANTS SHALL BE IDENTIFIED FOR USE WITH THE CABLE, INSULATION, SHIELD OR OTHER COMPONENTS.

Panel: P26

Location:
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Mains Type: SEE ONE LINE
Mains Rating: 400 A

Notes:

CKT	Circuit Description	Note	Trip	Poles	A	B	C	Poles	Trip	Note	Circuit Description	CKT
1	Lighting		20 A	1	760 VA	4150 VA		2	50 A		WH-1	2
3	CP-1		20 A	1		180 VA	4150 VA		--	--	--	4
5	Receptacle		20 A	1			900 VA	180 VA	1	20 A	Receptacle	6
7	Receptacle		20 A	1	180 VA	180 VA			1	20 A	Receptacle	8
9	Receptacle		20 A	1		900 VA	900 VA		1	20 A	Receptacle	10
11	HP-1		40 A	3			4371 VA	829 VA	3	20 A	AHU-1	12
13	--		--	--	4371 VA	829 VA			--	--	--	14
15	--		--	--		4371 VA	829 VA		--	--	--	16
17	Receptacle		20 A	1			540 VA	290 VA	1	20 A	Lighting	18
19	Exterior Signage		20 A	1	500 VA	500 VA			1	20 A	Exterior Signage	20
21	Exterior Signage		20 A	1		500 VA	0 VA		1	20 A	Spare	22
23	Spare		20 A	1			0 VA	0 VA	1	20 A	Spare	24
25	Spare		20 A	1	0 VA	0 VA			1	20 A	Spare	26
27	Spare		20 A	1		0 VA	0 VA		1	20 A	Spare	28
29	Spare		20 A	1			0 VA	0 VA	1	20 A	Spare	30
31	Spare		20 A	1	0 VA	0 VA			1	20 A	Spare	32
33	Spare		20 A	1		0 VA	0 VA		1	20 A	Spare	34
35	Spare		20 A	1			0 VA	0 VA	1	20 A	Spare	36
37	Spare		20 A	1	0 VA	3194 VA			3	35 A	Buck/Boost Xmfr	38
39	Existing Electrical Panel		200 A	2		16000 VA	3194 VA		--	--	--	40
41	--		--	--			16000 VA	3194 VA	--	--	--	42
					Total Load :	14662 VA	31024 VA					
					Total Amps :	122 A	273 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	1049 VA	100.00%	1049 VA	
Power	34983 VA	100.00%	34983 VA	Total Conn. Load: 71991 VA
Receptacle	3960 VA	100.00%	3960 VA	Total Est. Demand: 71991 VA
				Total Conn. Current: 200 A
				Total Est. Demand Current: 200 A

Notes:

ONE-LINE DIAGRAM KEYED NOTES:

- CONTRACTOR SHALL DEMOLISH EXISTING SERVICE CONDUCTORS THAT FEED EXISTING PANEL, AND REFEED EXISTING PANEL FROM NEW PANEL "P26" AS INDICATED.

Golden Triangle Regional Airport

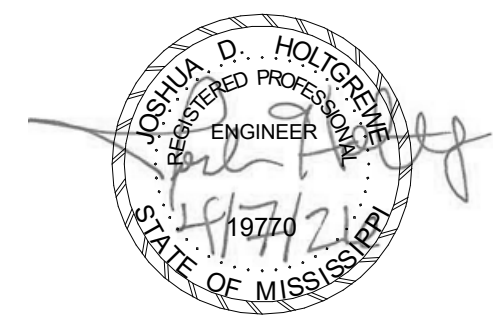
**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

E002
PANEL SCHEDULE -
ELECTRICAL

Drawn By MKH	Checked By JDH	Date April 7, 2026
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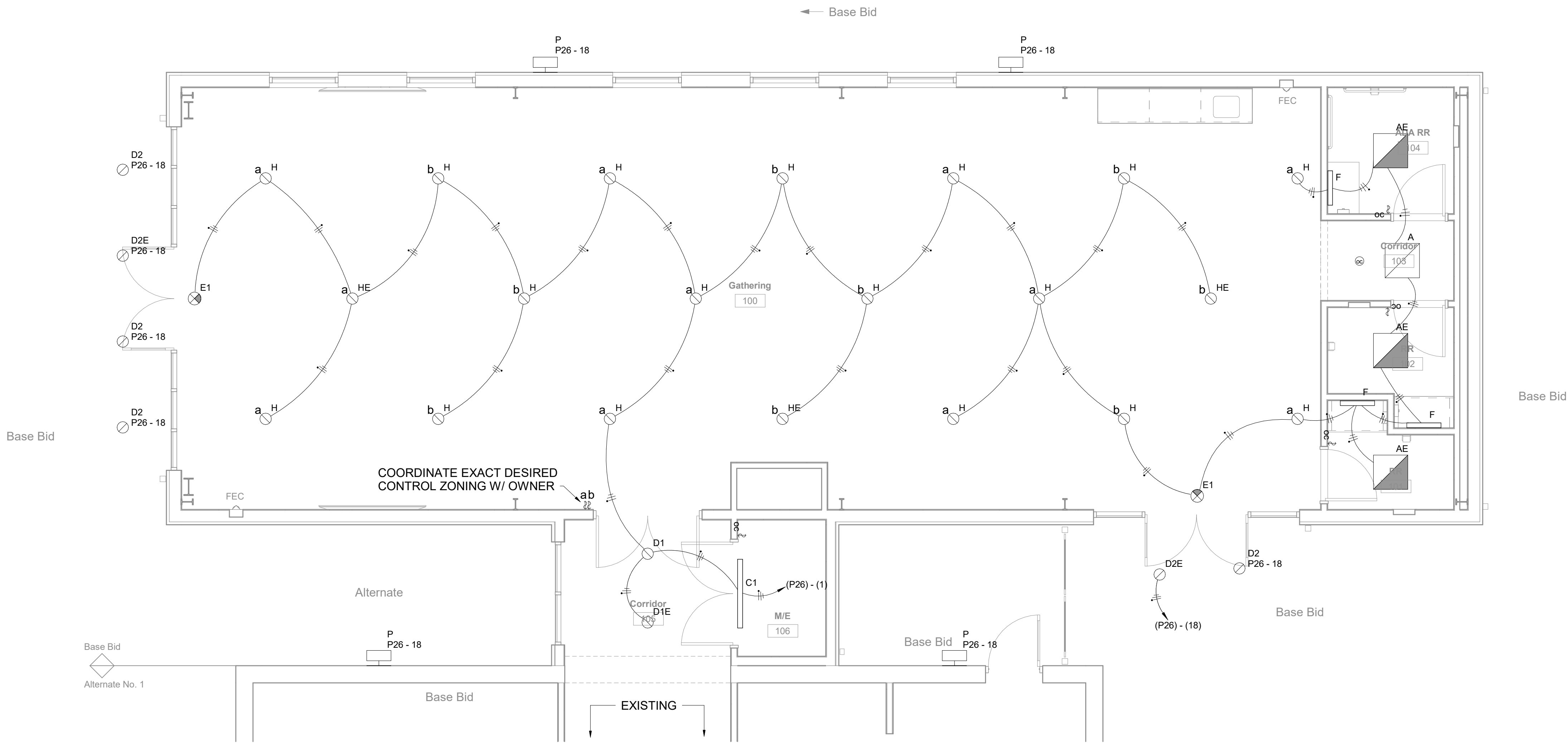
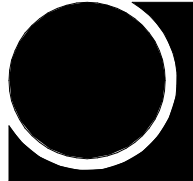
Scale As indicated	Project Number 26002.00
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1 FLOOR PLAN - LIGHTING
1/4" = 1'-0"

LIGHTING NOTES:

1. ALL HOMERUNS, WHERE WIRE SIZE IS NOT SPECIFIED, ARE #12 AWG.
2. HOMERUNS MAY APPEAR ON OTHER SHEETS WITHIN SERIES.
3. CEILING MOUNTED OCCUPANCY SENSORS ARE TO BE LOCATED A MINIMUM 36" AWAY FROM AIR DIFFUSERS.
4. WHERE DIMMING SWITCHES ARE INDICATED, PROVIDE 0-10V CABLING FROM SWITCH TO ALL FIXTURES IN ROOM, UOI.
5. EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL.

Golden Triangle Regional Airport

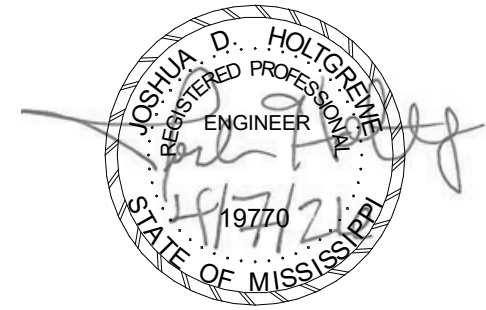
FBO Expansion
FY2026 AIG#

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

E201
FLOOR PLAN - LIGHTING

Drawn By MKH	Checked By JDH	Date April 7, 2026
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Scale As indicated	Project Number 26002.00
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JBHM
Architecture

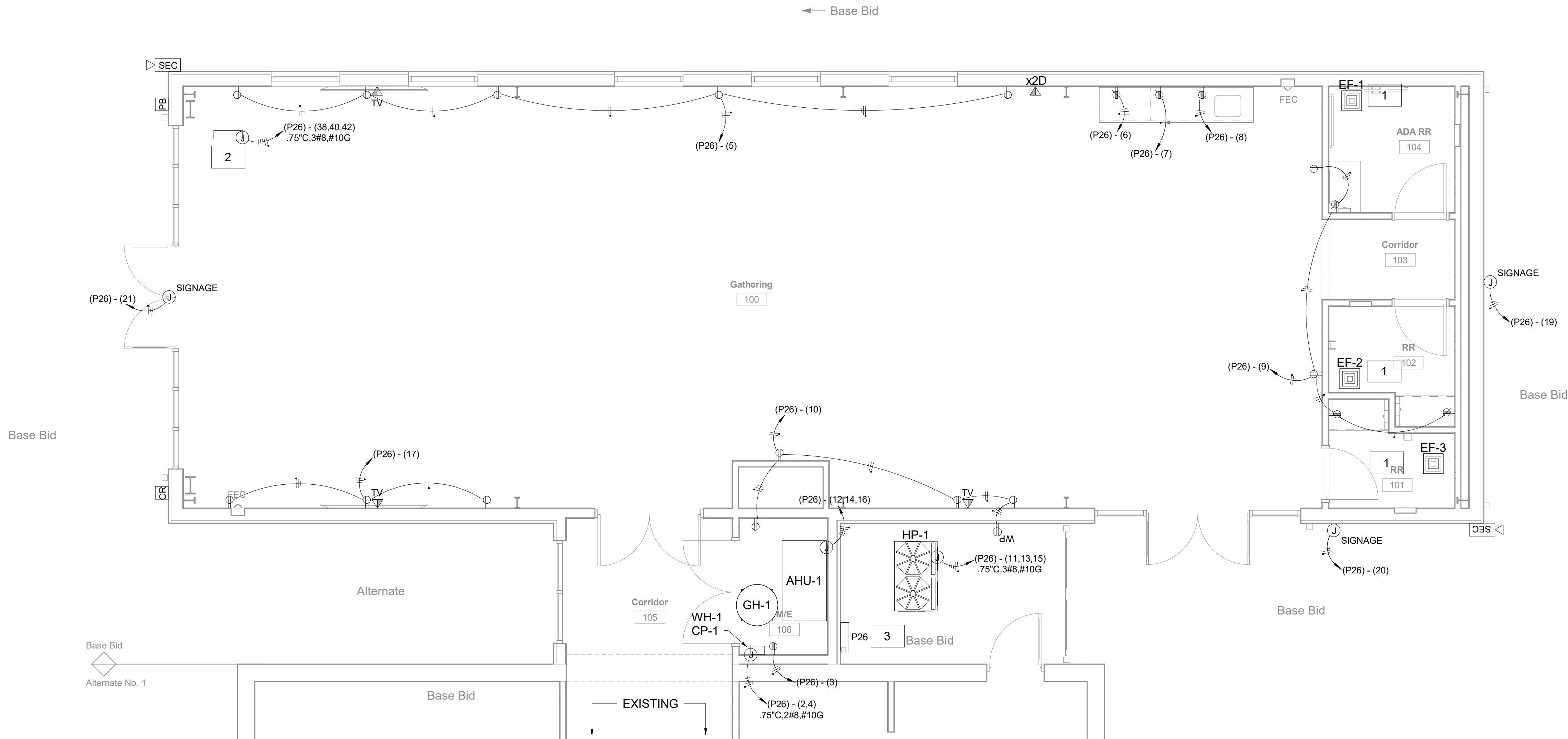
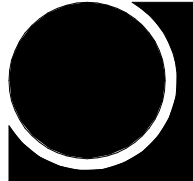
Columbus
Jackson
Tupelo

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26002.00

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1 FLOOR PLAN - POWER
1/4" = 1'-0"

POWER NOTES:

- ALL HOMERUNS, WHERE WIRE SIZE IS NOT SPECIFIED, ARE #12 AWG. HOMERUNS MAY APPEAR ON OTHER SHEETS WITHIN SERIES.
- AT ALL TV LOCATIONS, LOW VOLTAGE CONDUIT ROUGH-INS ARE TO BE 1-1/4" C WITH DEEP JUNCTION BOX.

POWER KEYED NOTES:

- PROVIDE MAGNETIC RELAY TO INTERLOCK NOTED EXHAUST FAN WITH LOCAL LIGHTING.
- CONTRACTOR SHALL PROVIDE LARSON ELECTRONICS #MT-BBT-208D-240D-3P-23.4A BUCK/BOOST TRANSFORMER FOR 240V GATE - COORDINATE EXACT REQUIREMENTS WITH CIVIL PLANS.
- CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS OF SITE WITH CIVIL PLANS. PROVIDE NEW BREAKERS IN ELECTRICAL PANEL AS REQUIRED.

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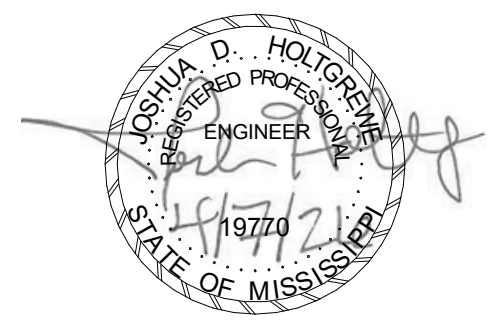
**FBO Expansion
FY2026 AIG#**

Revisions

#	Description	Date
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Golden Triangle Regional Airport

FBO Expansion FY2026 AIG#



Columbus, MS

E301
FLOOR PLAN - POWER

Drawn By	Checked By	Date
MKH	JDH	April 7, 2026

Scale	Project Number
As indicated	26002.00