



Planning/Zoning Application

Planning & Zoning Department

Submitted On:

Mar 15, 2024, 05:19PM EDT

Parcel Number: (Include ALL parcels)	WD-D0076
Nearest property address to the project site:	Street Address: O Venture Avenue City: DePere State: W Zip: 54115
Check each project type that is being applied for:	Site Plan
Current De Pere Zoning Districts:	I
Existing Site Land Uses:	Undeveloped/Vacant/Agricultural
Proposed Site Land Uses:	Business Park/Industrial
Does the project comply with the Comprehensive Plan?	Yes
Has City Staff been contacted for a pre-consultation meeting?	Yes
Property Owner:	First Name: City of DePere Last Name: Contract for Purchase by Massman Corp
Is the property owner's address the same as the nearest property address?	No
Property Owner's Address:	Street Address: N/A City: Menasha State: W Zip: 54952
Property Owner's Phone Number:	9208107790
Property Owner's Email Address:	jdavel@new.rr.com
Is someone processing the project for the property owner as their authorized representative?	Yes
Authorized Representative's Name:	First Name: John Last Name: Davel
Authorized Representative's Business Name:	DAVEL ENGINEERING & ENVIRONMENTAL INC

Authorized Representative's Phone Number:		920-560-6563
Authorized Representative's Email Address:		john@davel.pro
Please attach a PDF copy of the site plan.		8047Planset 2024-03-14-signed.pdf
Would you like a basic checklist of information to include in the site plan?		No
How do you plan on paying for your application?		Mail a check
Total Due:		\$350.00
Signature Data	First Name: John Last Name: Davel Email Address: john@davel.pro	
		
		Signed at: March 15, 2024 5:18pm America/New_York
User's Session Information		IP Address: 74.219.241.114 Referrer URL:

CITY OF DE PERE

335 South Broadway, De Pere, WI 54115 | www.de-pere.org



May 10, 2024

John Davel
Davel Engineering & Environmental INC
1164 Province Terrace
Menasha, WI 54952

RE: Site Plan Review for the New Massman Corporate INC at 2005 Venture AV
(Parcel WD-D0076)

Dear John:

Thank you for the revised site plan for the New Massman Corporate INC at 2005 Venture AV. The City of De Pere staff reviewed the site plan on May 10, 2024, and recommended approval, with the following condition that must be addressed prior to submitting a request for occupancy permits:

- Trees planted in the city terrace will need to be coordinated and marked by the City Forester. The City Forester will need to be on site when trees are planted to ensure correct procedures are followed. Contact the City Forester prior to installation to schedule dates/times to complete the tasks.
- After landscaping is installed, provide a statement from the landscaper that verifies that all landscaping has been installed according to the approved landscaping plan to minimize delays or violations related to this topic.
- After the exterior lighting is installed, provide a statement from the installer that the light spill from the property does not exceed the approved photometric plan.
- Provide updated plans that represent the final size and type of screening for the rooftop, wall, and ground mounted mechanical equipment and appurtenances. Provide confirmation that all are properly and completely screened per Zoning Ordinance 14-92(11).

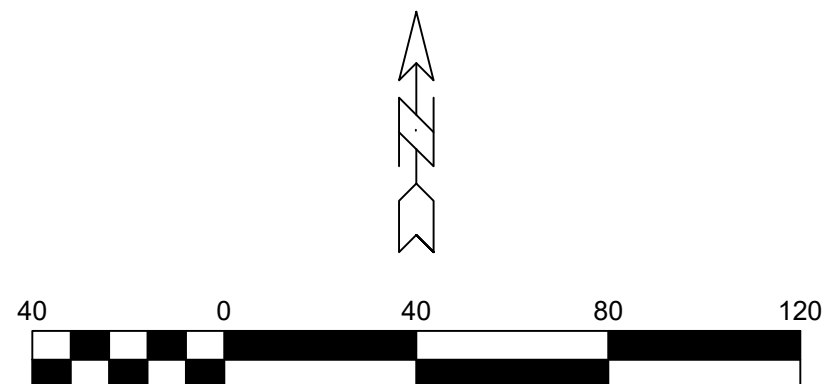
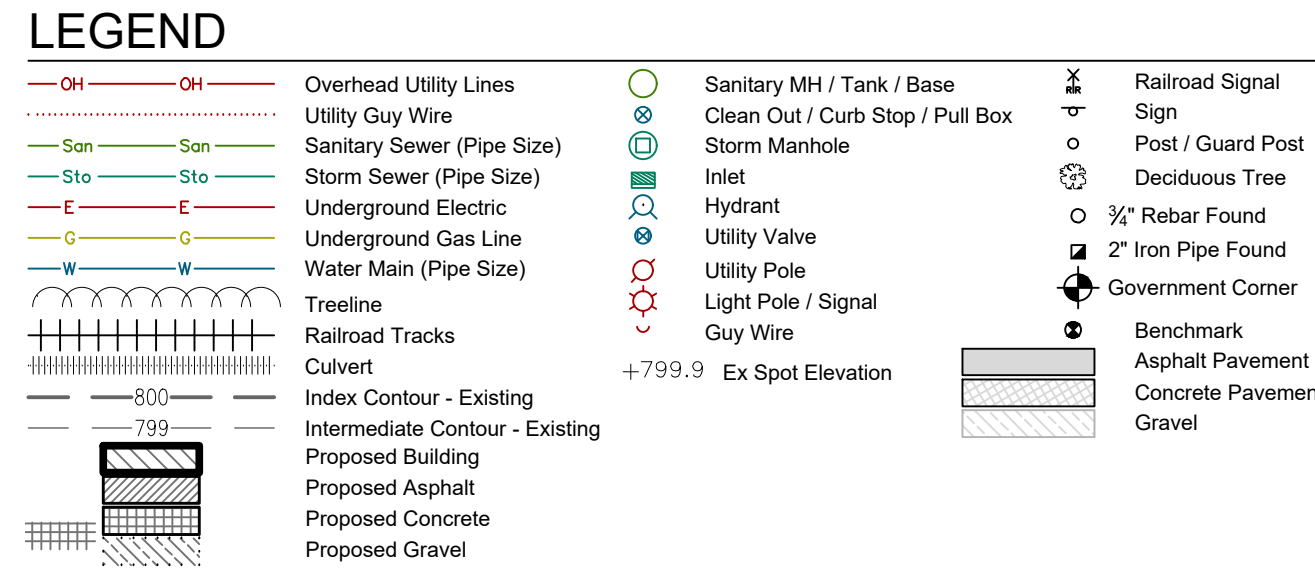
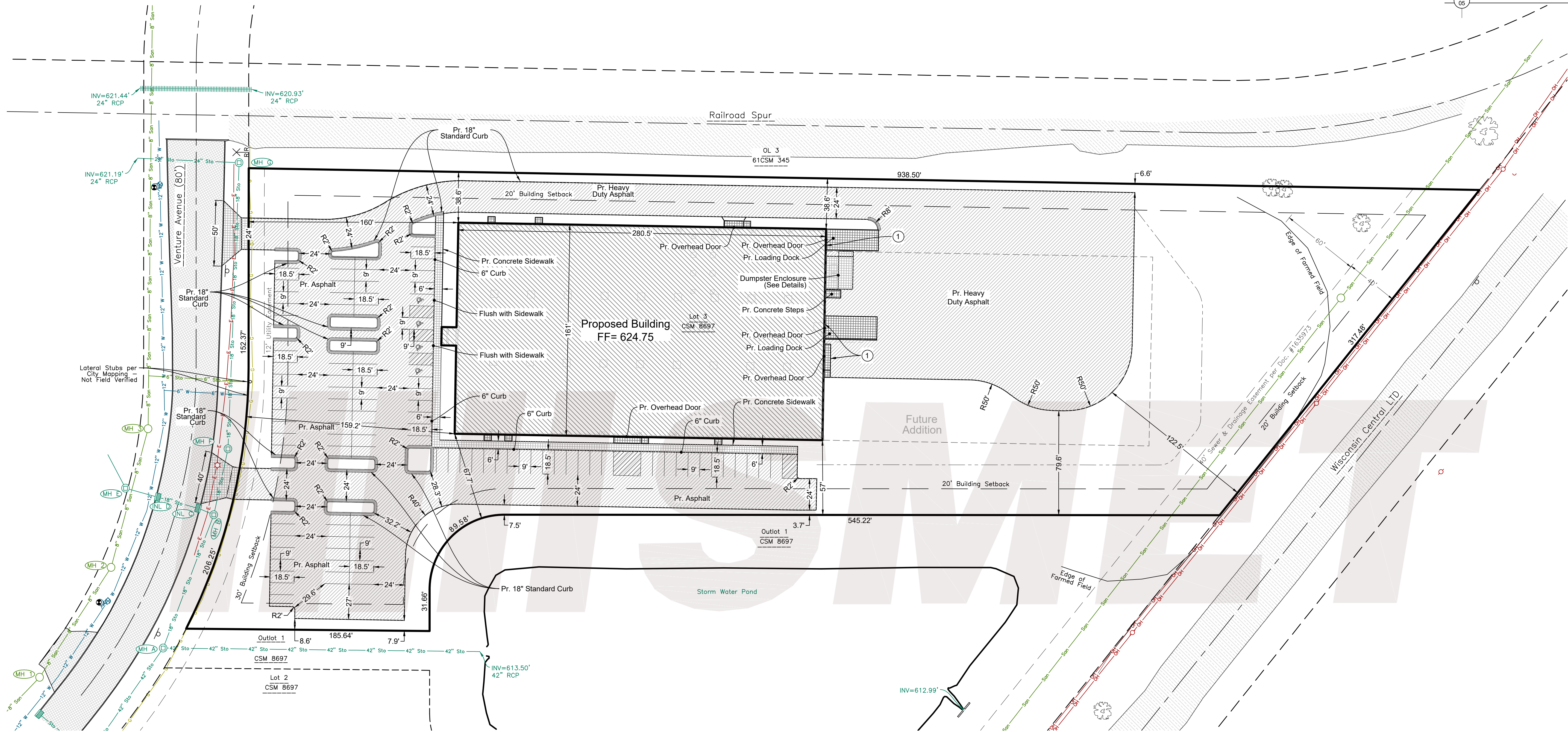
You may now proceed to the Inspection Division to begin the process of obtaining permits. Should you have any questions regarding the decision or require further information, feel free to contact me at 339-4043 or pschleinz@deperewi.gov.

Sincerely,

A handwritten signature in black ink that reads "Peter Schleinz". The signature is fluid and includes a long, sweeping horizontal line at the end.

Peter Schleinz
Senior Planner | Zoning Administrator

cc: Daniel J. Lindstrom, AICP, Development Services Director
Dennis Jensen, Senior Building Inspector



SITE INFORMATION:

Legal Description: Lot 3 of 61 CSM 349 BNG PRT of Lot 1 & PRT of NW1/4 SE1/4 SEC 32 T23N R20E
Parcel #: WD-D0076
Current Use: Vacant
Proposed Use: Industrial
Current Zoning: BP-2 = Business Park 2

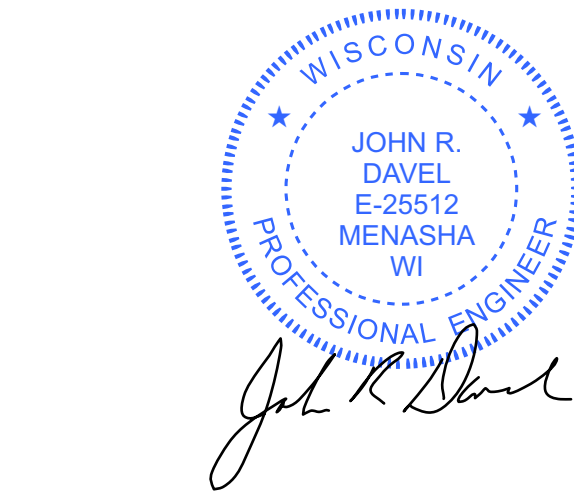
Site Areas
Parcel Area: 231,717 SF (5.32 Acres)
Total Existing Impervious: 0 SF (0%)

Proposed Building Area: 45,319 SF
Proposed Pavement Area: 93,349 SF
Total Proposed Impervious: 138,668 SF (60%)
Total Proposed Greenspace: 93,049 SF (40%)

PARKING CALCULATIONS
Parking Stalls Proposed: 89
Handicapped Parking Stalls Proposed: 4
Parking Total = 93

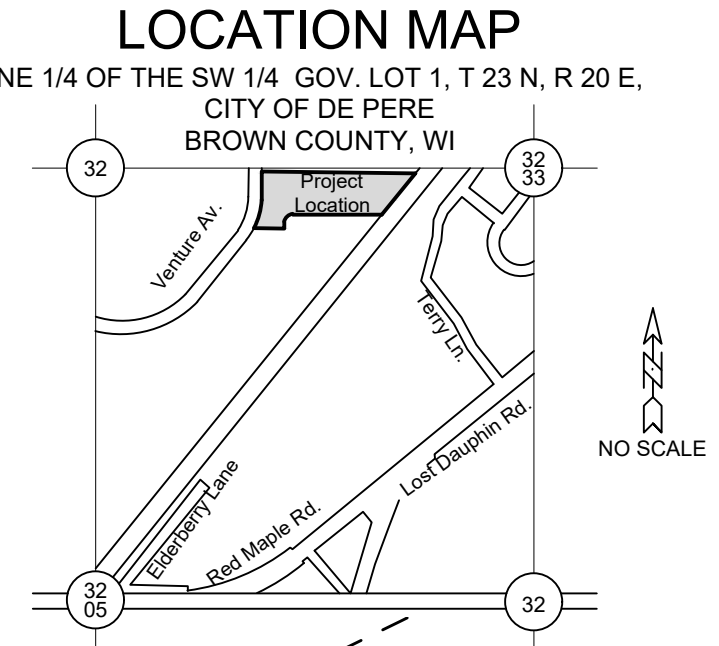
Required Parking:
Office = $\frac{45,319}{400} \approx 113$ sf = 22
Shop / Warehouse = $\frac{93,349}{1,500} \approx 62$ Employees = $\frac{40}{10} = 4$
Total Required = 59

PROPERTY OWNER:
SMET Properties, LLC
Scott Smet
1428 Fox River Drive
DePere, WI 54115



SHEET INDEX:

Sheet	Page
Site Plan	C1.0
Topographic Survey	C1.1
Drainage and Grading Plan	C1.2
Erosion & Sediment Control Plan	C1.3
Utility Plan	C1.4
Construction Details	C2.1
Erosion & Sediment Control Details	C2.2
Landscape Plan	L1.0



SMET CONSTRUCTION SERVICES

OUR REPUTATION IS BUILDING

PHONE: (920) 535-3825
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DEPERE, WI 54115

SMET CONSTRUCTION SERVICE CORP.
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REVISIONS

NO.	DESCRIPTION	DATE

DAVEL ENGINEERING & ENVIRONMENTAL, INC.

Civil Engineers and Land Surveyors

1164 Province Terrace, Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-441-0804
www.davel.pro

PROJECT INFO:

MASSMAN CORPORATE INC.
2005 Venture Avenue

SITE PLAN

DRAWN BY: Author
SALES:

SMET NO.: 22106
SHEET: C1.0

ARCHT. NO.:

DATE: 03/14/2024
SCALE: 1" = 40'-0"

BM 0	NGS Benchmark PID DL2641 and Designation - 4K85 Elev 631.96
BM 1	Fire Hydrant, Tag Bolt W R/W Venture Avenue Elev 627.90
BM 2	Fire Hydrant, Tag Bolt W R/W Venture Avenue ±319' NE of Elev 628.13

NE 1/4 OF THE SW 1/4 GOV. LOT 1, T. 23 N., R. 20 E.
CITY OF DE PERE
BROWN COUNTY, WI

32 33

Project location

Vernon Ave.

Lafayette Ave.

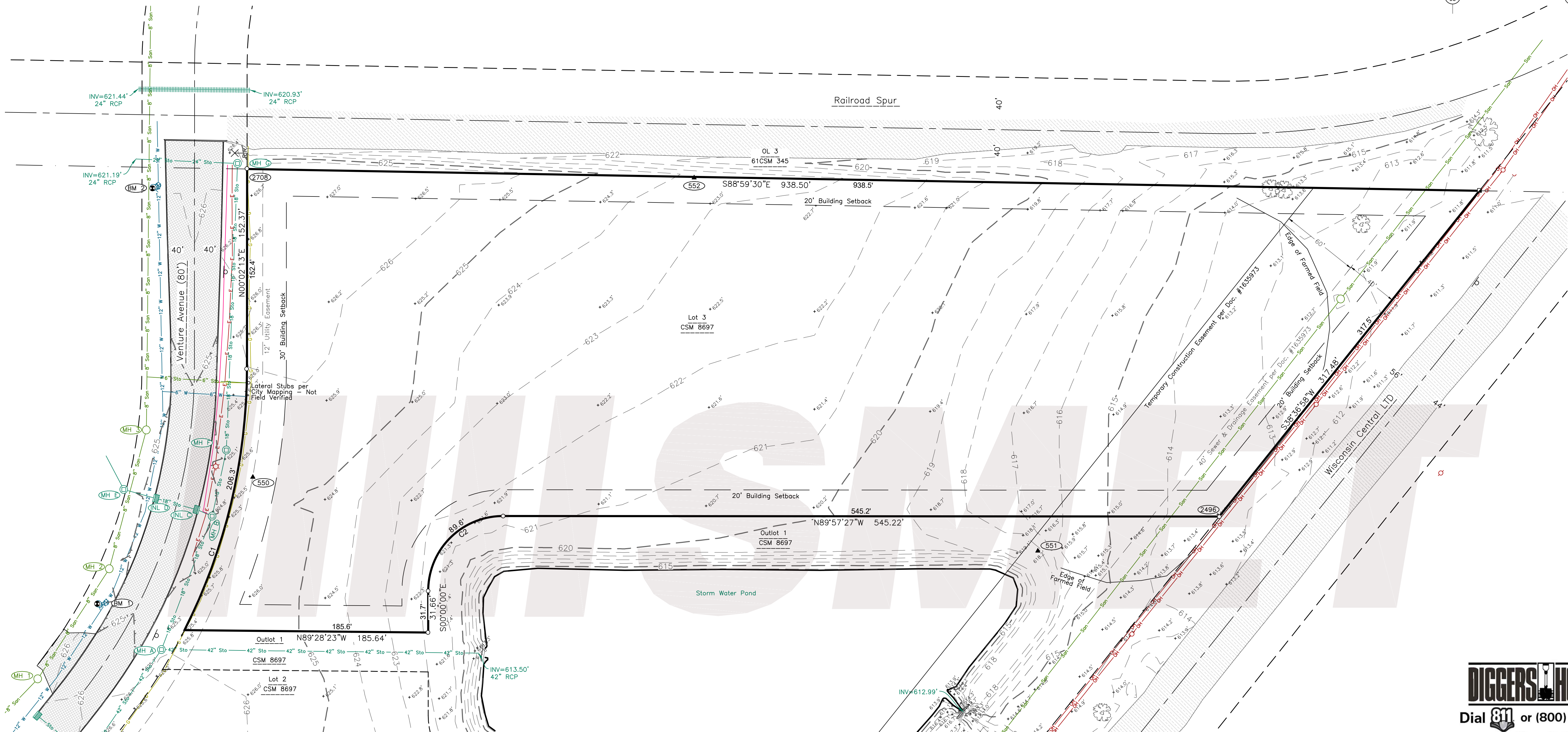
Lafayette Drive

East Maple Rd.

Lead Township Rd.

32 35

NO



	Overhead Utility Lines		Sanitary MH / Tank / Base		Railroad Signal Sign
	Sanitary Sewer (Pipe Size)		Clean Out / Curb Stop / P/U Box		Post / Guard Post
	Storm Sewer (Pipe Size)		Storm Manhole		Deciduous Tree
	Underground Electric		Hydrant		Rebar Found
	Underground Gas Line		Utility Valve		2" Iron Pipe Found
	Water Main (Pipe Size)		Utility Pole		Government Corner
	Treeline		Light Pole / Signal		Benchmark
	Railroad Tracks		Guy Wire		Asphalt Pavement
	Culvert		Ex Spot Elevation		Concrete Pavement
	Index Contour - Existing				Gravel
	Intermediate Contour - Existing				

1. **Zoning Information**
Parcel is Currently listed in "BP-2: Business Park Z" City of De Pere
Setbacks:
Front/Street Side: 40 Feet
Interior Side: 20 Feet
Rear: 20 Feet
Height: No max. (35 Feet if within 100 feet of residential zoning district.)
Caveat: Building zones depicted are based on building setbacks in effect at the time of the survey and should not be relied upon without first obtaining written verification thereof from the city of De Pere and any other local agencies.
2. **Subjectplain Information**
Site plot s mapped per FIRM Map No. 55009C0261F with an effective date of August 18, 2009 Mapped as "Zone X": Area determined to be outside the 0.2% annual chance floodplain.
3. Existing utilities shown are indicated in accordance with available records and field measurements. However, lacking excavation, the exact location of underground features cannot be accurately, completely, and reliably depicted. In addition, in some jurisdictions, 811 or other similar utility locate requests from surveyors may be ignored or result in an inadequate response. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer & water from the property owners of the respective utilities. All utility the property owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
4. This is not a boundary survey.

Venture Ave (Parcel WD-D0076)- City of De Pere			
Thursday, December 28, 2023			
Davel Engineering and Environmental			
Horizontal Control (per Brown County Coordinate System)			
Point Number	Northing	Easting	Description
2496	533696.05	79514.88	RB6
550	533726.03	78778.97	CPT HUB
551	533669.87	79376.71	CPT HUB
552	533953.96	79115.01	CPT HUB
2708	533961.08	78774.47	RB6

Structure	#	Rim	Inv	Size	Material	Direction
MH	1	627.00	610.90	8"	PVC	NE
			610.90	8"	PVC	SW
MH	2	625.46	610.54	8"	PVC	NE
			610.54	8"	PVC	SW
MH	3	625.40	610.18	8"	PVC	N
			610.17	8"	PVC	SW
MH	4	627.02	613.52	6"	PVC	NE
			608.81	8"	PVC	NE
			608.81	8"	PVC	SW

Structure	#	Rim	Inv	Size	Material	Direction
MH	A	625.88	616.05	18"	RCP	NE
			614.38	42"	RCP	SW
			614.34	42"	RCP	E
MH	B	625.03	618.27	18"	RCP	NE
			618.25	18"	RCP	SW
			618.73	18"	RCP	W
INL	C	623.97	619.26	18"	RCP	E
			619.29	18"	RCP	W
INL	D	624.05	619.42	18"	RCP	E
			619.45	18"	HDPE	W
MH	E	625.63	619.43	18"	HDPE	NW
			619.41	18"	HDPE	SE
MH	F	625.30	619.30	18"	RCP	N
			619.27	18"	RCP	S
MH	G	626.98	620.89	18"	RCP	S
			620.91	24"	RCP	W

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[illegible]

**MASSMAN
CORPORATE INC.**
2005 Venture Avenue

DRAWN BY: Author
SMET NO.: 22106
ARCHT. NO.:

DATE: 03/14/2024

SCALE: 1" = 40'-0"

4/9/2024 10:49 AM J:\Projects\8047onp\dwg\Civil 3D\8047Topo.dwg Printed by: jennifer

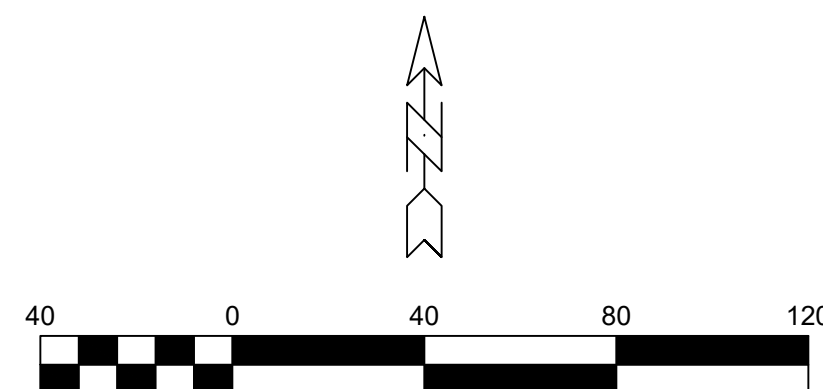
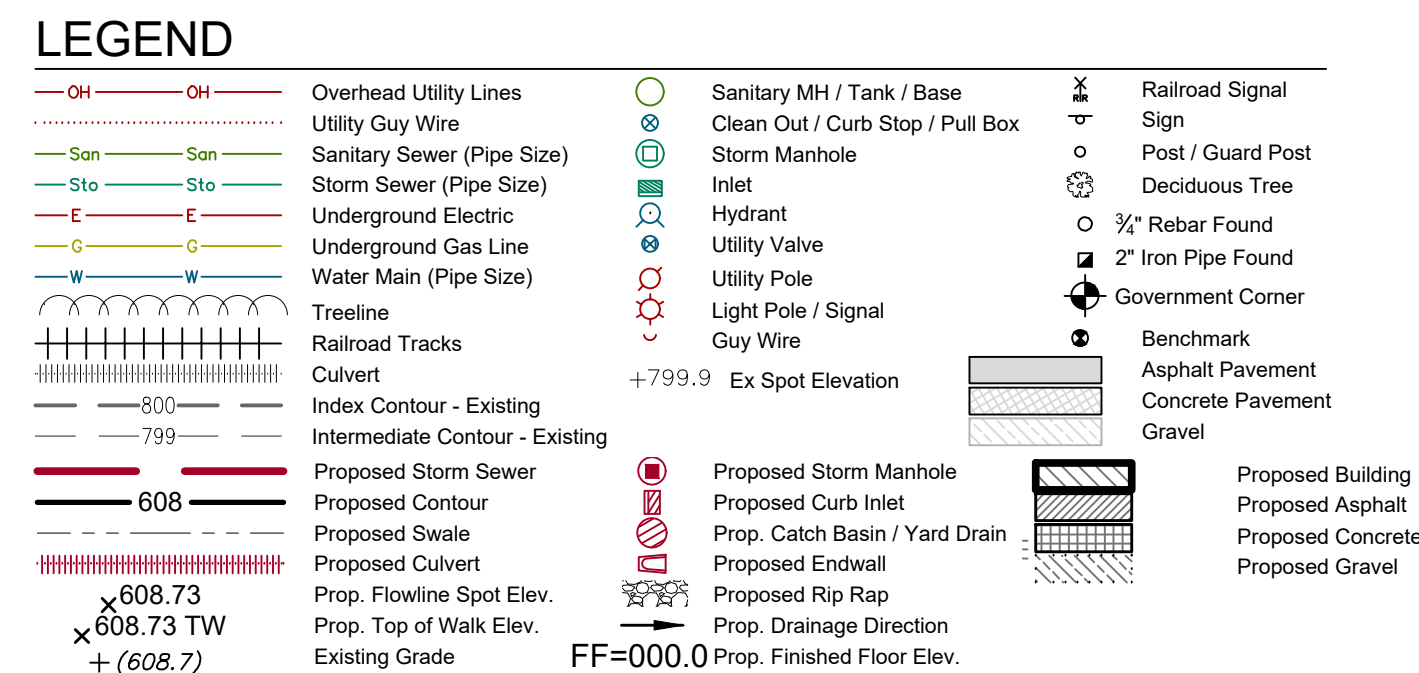


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EMAIL: BUILD@SMET.COM

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1. Existing utilities shown are indicated in accordance with available records and field measurements. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer and water from the owners of the respective utilities. All utility owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
2. The Contractor shall verify all staking and field layout against the plan and field conditions prior to constructing the work and immediately notify the Engineer of any discrepancies.
3. The contractor shall minimize the area disturbed by construction as the project is constructed. Disturbed areas shall be seeded as soon as final grade is established. Contractor shall replace topsoil and then seed, fertilize and mulch all lawn areas within 1 week of topsoil placement.
4. Contractor shall remove all excess materials from the site. Earthwork contractors shall verify topsoil depth.
5. All sediment and erosion control devices and methods shall be in accordance with the Wisconsin DNR Technical Standards.
6. The contractor shall make weekly inspections and inspections within 1 day of any rainfall exceeding 0.5 inches of the sediment and erosion control devices throughout construction. The contractor shall repair or maintain erosion control devices as necessary. The inspection reports shall be made available to the owner at the end of the construction or upon demand during construction.
7. Parking lot striping shall be 4" painted safety yellow.

SCALE: 1" = 40'-0"

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REVISIONS



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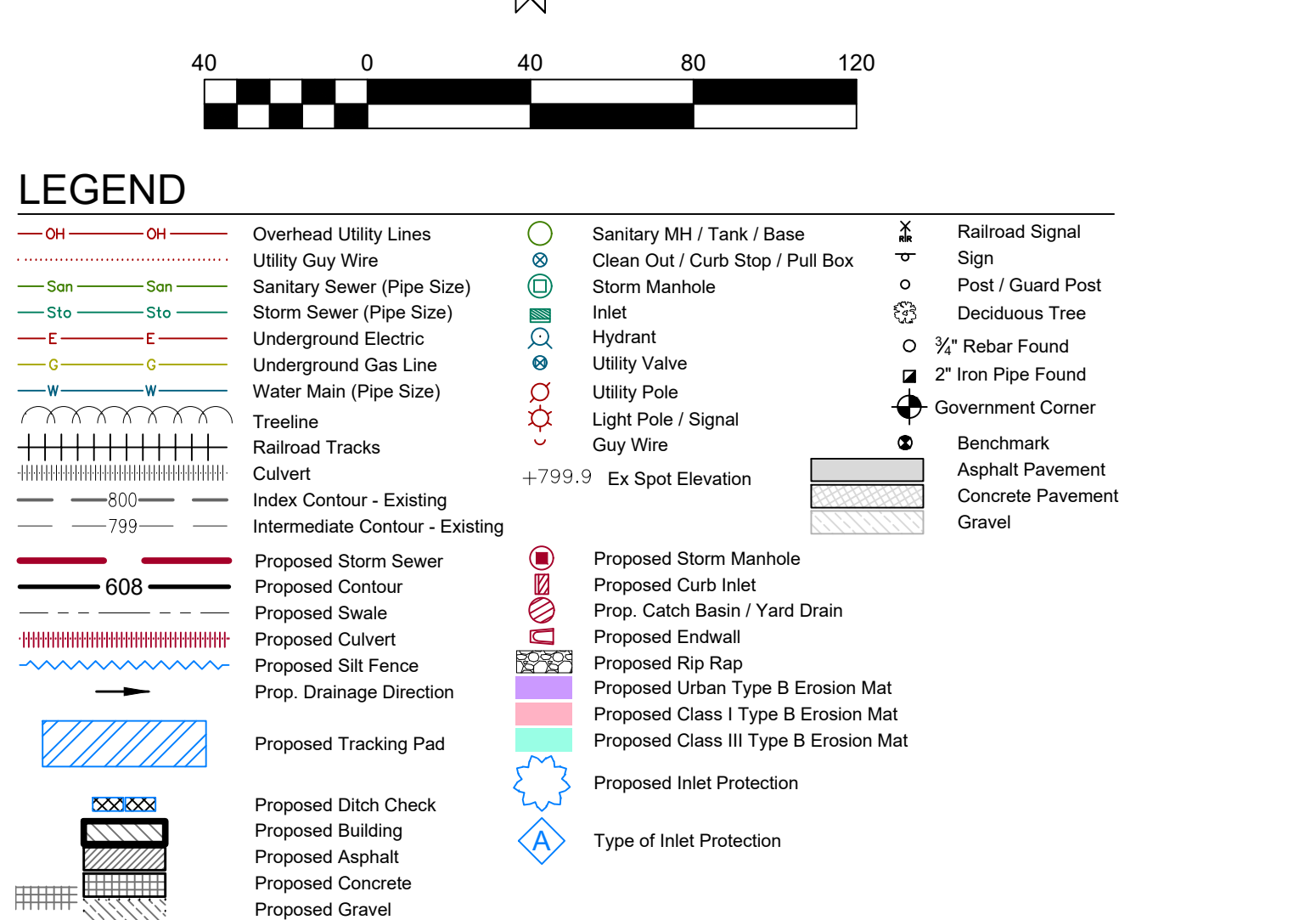
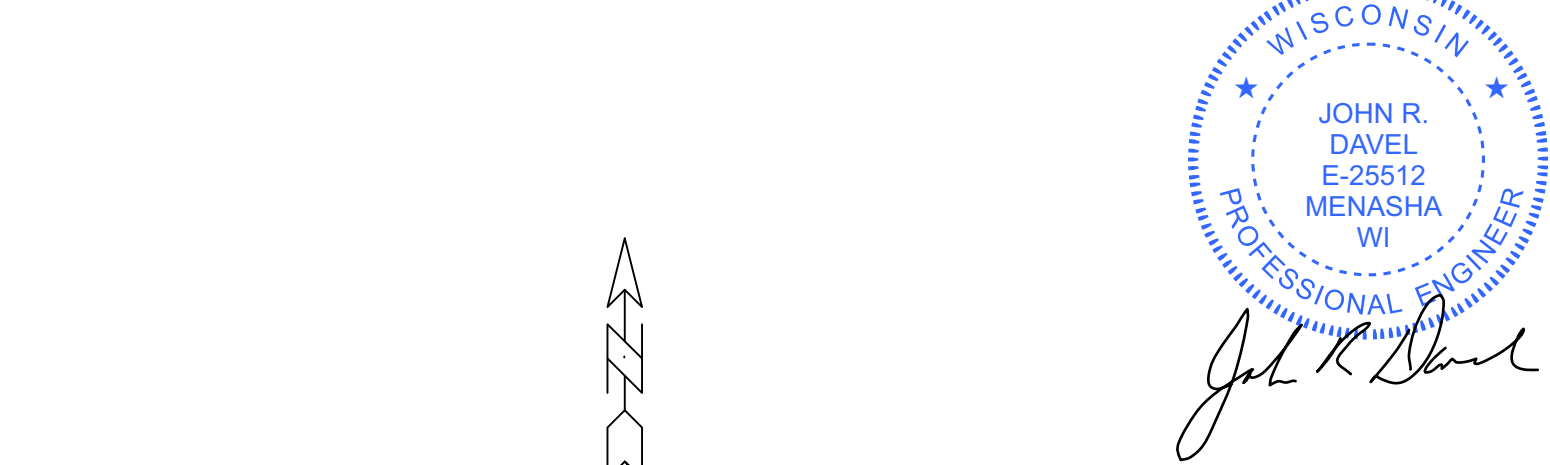
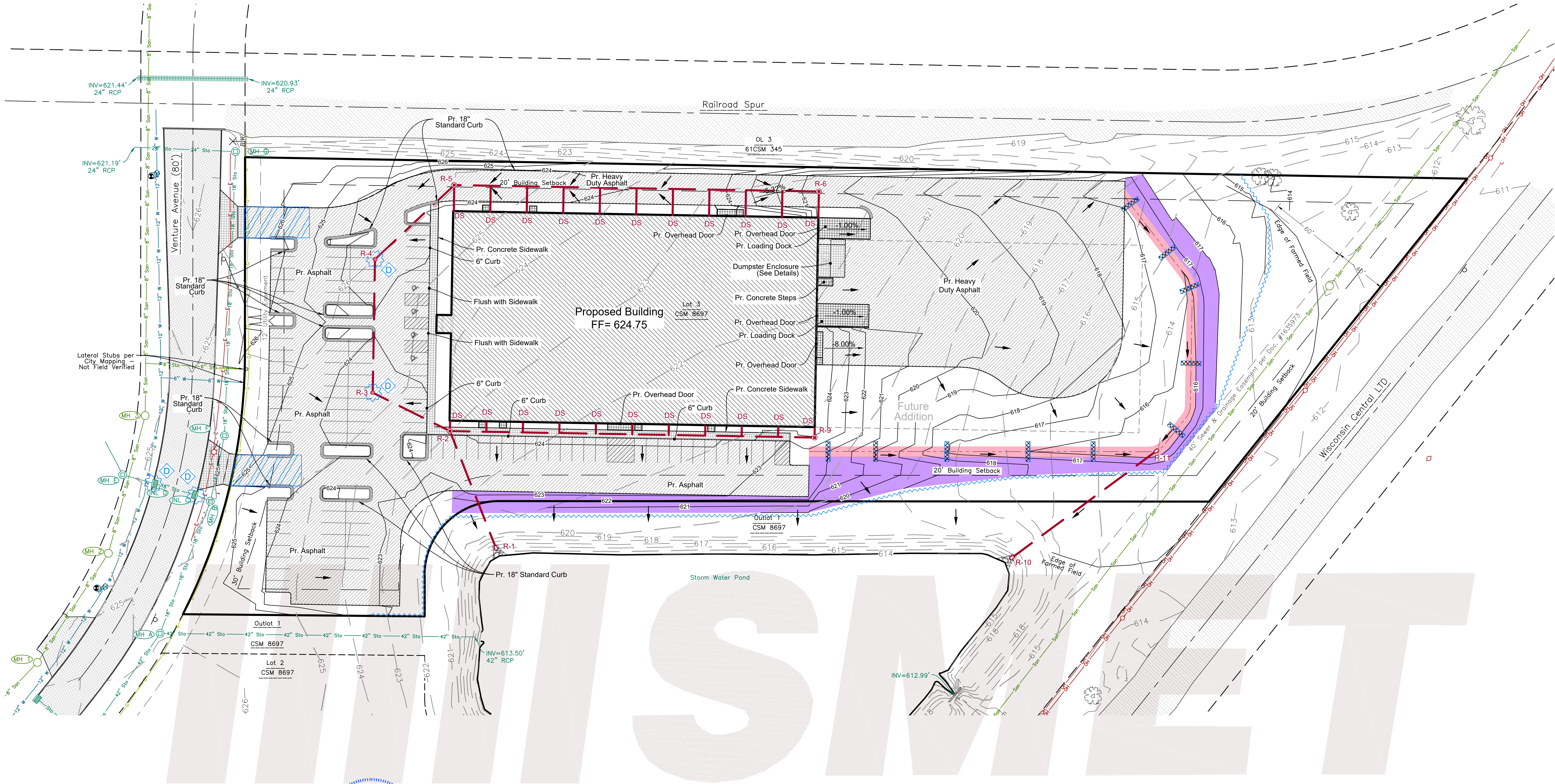
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DEPERE, WI 54115

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Planned Sediment and Erosion Control Practices

All erosion control practices shall be in place prior to disturbing the site. All sediment and erosion control devices and methods shall be in accordance with DNR Technical Standards and the WisDOT Erosion Control product acceptability lists (PAL). It is the responsibility of the Contractor to minimize the area disturbed and the duration of the disturbance. Erosion control measures shall be maintained on a continuing basis until the site is permanently stabilized. Erosion controls must be in place at the end of each work day with all off-site sediments being cleaned daily or as necessary as no sediment flushing is allowed.

1) Diverting Flow

- Permanent Diversion** - Since this project is near the drainage divide, there is not any significant lands upstream that are draining through the construction limits, therefore; permanent diversions will not be needed to route runoff to the storm sewer and the pond.
- Temporary Diversion** - Intended to divert runoff around disturbed areas to a location where the water can be discharged without adversely impacting the receiving area or channel. Unlike a permanent diversion, the temporary diversion will be removed upon the completion of the project. Temporary diversions will be used upslope of any soil piles to reduce the amount of sediment transported. **All diversions shall be installed and maintained in accordance with DNR Technical Standard 1066.**

2) Overland Flow

- Silt Fence** - Intended to provide a temporary barrier to the transportation of sediment offsite. Silt fence also reduces the velocity of sheet flow, thereby reducing the erosion potential of flowing water. Silt fencing is not to be used in areas of channelized flow and sediment deposits shall be removed when a 6 inch depth is reached. The silt fence shall be repaired or replaced as necessary to maintain a barrier. **All Silt Fence shall be installed and maintained in accordance with DNR Technical Standard 1056.** It will be placed at the following locations:
 - along the southern boundary of the pavement removal after topsoil has been replaced, unless the topsoil is immediately seeded and mulched,
 - and at the toe of soil piles if the pile will remain in place for more than seven (7) days.
- Sediment Bale Barrier** - Intended to intercept and detain small amounts of sediment from construction operations to prevent sediment from leaving the site. Sediment Bale Barriers are not to be used in areas of channelized flow. **All Sediment Bale Barriers shall be installed and maintained in accordance with DNR Technical Standard 1055.** Sediment Bale Barriers may be used in place of silt fence around soil stockpiles.
- Mulching** - Intended to reduce the amount of erosion caused by raindrop impact, high overland and concentrated flow velocities and assist the establishment of both temporary and permanent vegetation. **All Mulching shall be installed and maintained in accordance with DNR Technical Standard 1058.**
- Seeding** - Intended to provide a reduction of overland flow velocities and stabilize disturbed areas. Seeding will be used on all disturbed areas within seven days of the completion of the activity that will disturb the area. **All seeding shall be in accordance with DNR Technical Standard 1059.** Seed mixture 40 (per WisDOT Specifications, Section 630) shall be applied at 5 pounds per 1000 square feet for permanent seeding prior to September 15th. If required, temporary seeding shall consist of Oats, Rye, Winter Wheat, and/or Annual Ryegrass applied at rates and during the season specified by the Technical Standard but no later than November 1st. Sod placement may occur at anytime sod is available and the sod and soil are not frozen.

3) Trapping Sediment in Channelized Flow

- Ditch Checks** - Intended to settle suspended sediment in channelized flow by reducing the flow velocity. **All Ditch Checks shall be installed and maintained in accordance with DNR Technical Standard 1062.**

Ditch Checks will be used where indicated on the plan. Additional ditch checks may be required in areas where erosion is occurring.

4) Permanent Channel Stabilization

- Armored Waterway** - Intended to establish a non-erosive lining in the channel to prevent erosion. This can be accomplished using riprap. All areas immediately downstream of curb cuts will be stabilized using riprap.
- Vegetated Waterway** - Intended to establish permanent vegetation to reduce the velocity of concentrated runoff thereby protecting the waterway from erosion. The type of erosion mat used will depend upon the velocity of the runoff in the channel and are specified in accordance with DOT Erosion Control Product Acceptability Lists (PAL). Vegetated waterways will be used in the following areas:
 - drainage swales as indicated on the plans;

- Inlet Protection Barriers** - Intended to prevent the sedimentation of storm water conveyance structures. **All Inlet Protection Barriers shall be installed and maintained in accordance with DNR Technical Standard 1060.** As required, inlet protection barriers will be used at all storm sewer inlets as indicated on the plans.

- Stone Tracking Pad** - Intended to reduce the amount of sediment transported onto public roads. **The Tracking Pad shall be installed and maintained in accordance with DNR Technical Standard 1057.** A tracking pad will be constructed at points where trucks are leaving existing pavements.

- Dust Control** - Intended to reduce surface air transport of dust during construction. **Dust control shall be implemented with use of methods provided in DNR Technical Standard 1068.** These methods include the use of polymers, seeding, and mulch.

- Dewatering BMP** - Intended to reduce the amount of sediment conveyed due to dewatering practices. **Dewatering practices require compliance with DNR Technical Standard 1061.** The use of geotextile bags is required to prevent sedimentation. The bags shall meet the requirements of Technical Standard 1061.

- Dewatering BMP** - Intended to reduce the amount of sediment conveyed as a result of dewatering practices. **Dewatering practices require compliance with DNR Technical Standard 1061.** The use of geotextile bags is required to prevent sedimentation. The bags shall meet the requirements of Technical Standard 1061.

- A flat bottom that is eight-feet wide
 - Length not less than fifty-feet. Actual length required to be determined by onsite soil test.
 - Lined with a woven separation fabric covered by jute netting.
 - ERO-TEX Floc Logs shall be placed in the channel perpendicular to the direction of flow. Spacing to be determined by onsite testing.
- Prior to dewatering, Scott Bordeaux from ERO-TEX shall be contacted to perform the sediment testing. Scott will select the proper Floc Log and determine the necessary length of the treatment channel. Scott can be reached at (608) 712-3839.
- Upon completion of the dewatering operation, all materials must be disposed of properly. The jute netting can be buried on site. The separation fabric must be removed from the site. Disposal of all materials shall be in accordance with all state and local requirements.

- Concrete Washout** - Redi-mix trucks may wash-out into the proposed pavement gravel base for the initial pours. Washout from final pours must be contained and carried offsite for proper disposal. No concrete, or runoff from concrete washout is allowed to enter the storm sewer system

Sequence of Construction

- Obtain plan approval and other applicable permits.
 - Flag work limits. **April 2024.**
 - Install all erosion control measures. **April 2024.**
 - Strip topsoil in new building areas. Stabilize topsoil in accordance with the appropriate WDNR Technical Standard. Temporary seeding is required on all disturbed soils if conditions allow. **April 2024.**
 - Remove existing pavements from the construction limits and salvage base materials for later use. **April 2024.**
 - Begin sanitary sewer service, water service, and storm sewer construction. **April 2024.**
 - Excavate for foundations. **April 2024**
 - Construct building. **May-July 2024.**
 - Construct driveways, and parking areas upon completion of the utility construction. **June 2024.**
 - Stabilize lawn and ditch areas no later than one week after final grade is established. **No later than September 2024.**
 - Watering may be necessary to establish healthy and well rooted vegetation. Temporary measures may only be removed once final site stabilization has occurred.
- Note: The dates provided are approximate for proposed construction and subject to weather conditions and overall project schedule. Several work items as listed above may occur simultaneously with others.

Maintenance Plan

- The contractor is responsible for inspection and maintenance of sediment and erosion control measures until the project is completed. The inspections shall be made every seven days or within 24-hours of a rainfall event of 0.50-inch or greater. Any practices that are damaged or not working properly shall be repaired by the end of the day. Accumulated sediment shall be removed when it has reached a height of one-half the height of the structure. In addition, the following measures shall be taken:
- All seeded areas will be re-seeded and mulched as necessary according to the specifications in the planned practices to maintain a vigorous, dense vegetated cover.
 - Remove silt fence and temporary structures only after final stabilization and vegetative cover is established.
 - Avoid the use of fertilizers and pesticides in or adjacent to channels or ditches.
 - Construction and waste materials shall be properly disposed.

Weekly inspection reports shall be maintained by the contractor. These reports shall document inspections and maintenance performed. The date and time of the inspections, the inspector's name, and the status of construction and any maintenance performed. Refer to Appendix C of the Erosion and Sediment Control Plan (report) or visit <http://dnr.wi.gov/runoff/stormwater/constrforms.htm> for a template. Upon request, the inspection reports shall be made available to the owner, the engineer, the City of De Pere, or the Wisconsin Department of Natural Resources.

Responsible Parties

Best Management Practices (BMPs) Construction and Maintenance:
The Owner's Contractor, yet to be determined.
Inspection and Compliance Enforcement
City of De Pere
Wisconsin Department of Natural Resources.



OUR REPUTATION IS BUILDING

CORPORATE OFFICE
1164 PROVINCE TERRACE, MENASHA, WI 54952
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REVISIONS

NO.	DESCRIPTION	DATE

PROJECT INFO:

MASSMAN CORPORATE INC.
2005 Venture Avenue
EROSION & SEDIMENT CONTROL PLAN

DRAWN BY:

Author

SMET NO.:

22106

ARCHT. NO.:

DATE:

03/14/2024

SCALE:

1" = 40'-0"

SHEET:

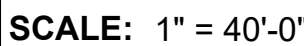
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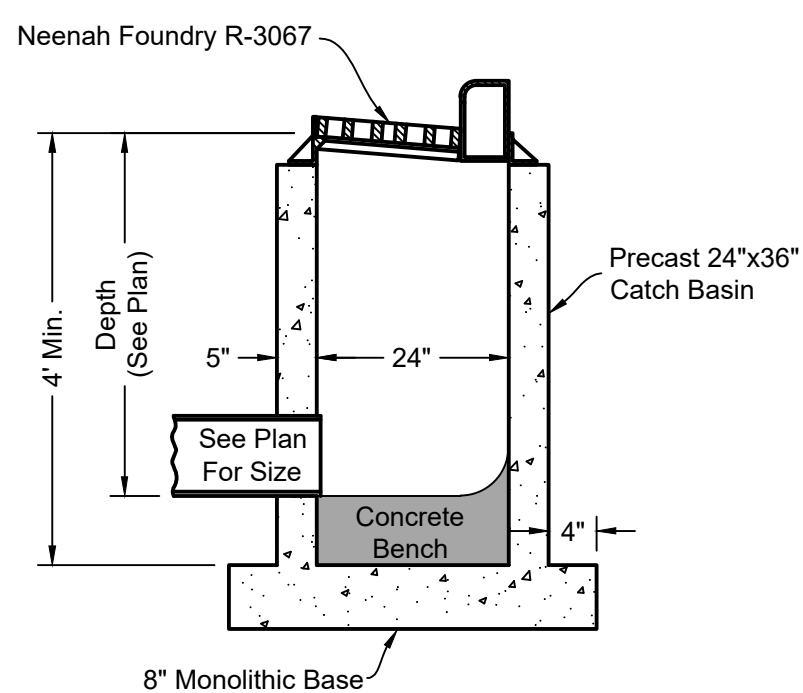
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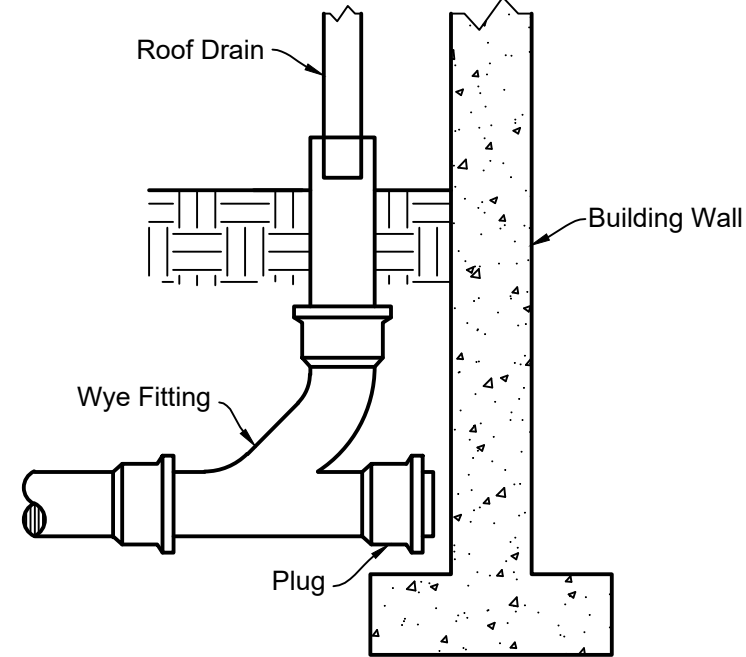
STORM SEWER STRUCTURE SUMMARY						
Structure	Type	Size	Cover	Final Grade Rim	Invert	Depth
R-1.	Endwall					
R-2.	MH (48)	48" ID	R-1710	624.30	613.00	9.00
R-3.	MH (48) Inlet	48" ID	R-3448-C	623.10	614.02	9.08
R-4.	MH (48) Inlet	48" ID	R-3448-C	623.07	614.43	8.64
R-5.	MH (48) Inlet	48" ID	R-3448-C	623.39	614.68	8.71
R-6.	MH (48) Inlet	48" ID	R-3448-C	620.31	616.18	8.13
R-9.	MH (48)	48" ID	R-1710	623.81	614.61	9.20
R-10.	Endwall				613.00	
R-11.	Endwall				613.99	

The water meter size is anticipated to be 1 inch

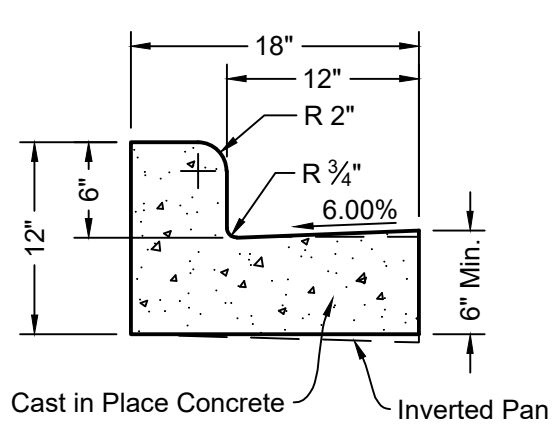




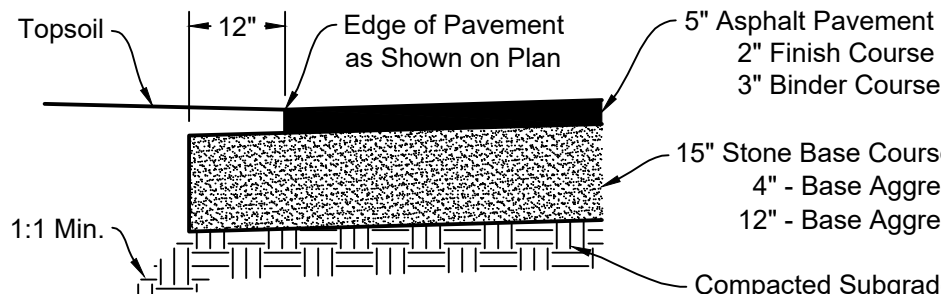
CURB INLET DETAIL



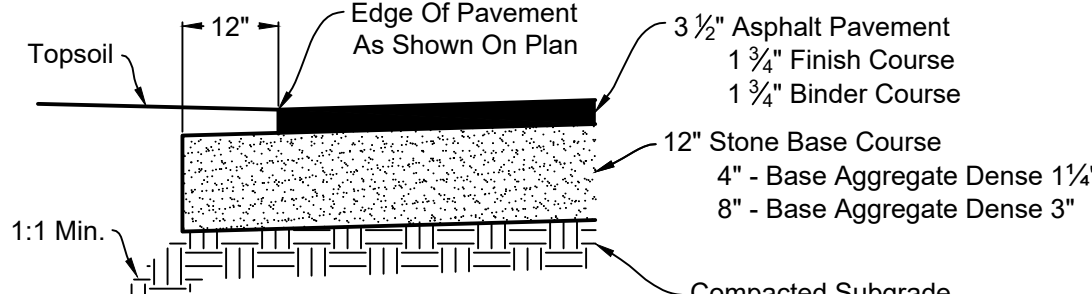
ROOF DRAIN CONNECTION TO STORM SEWER



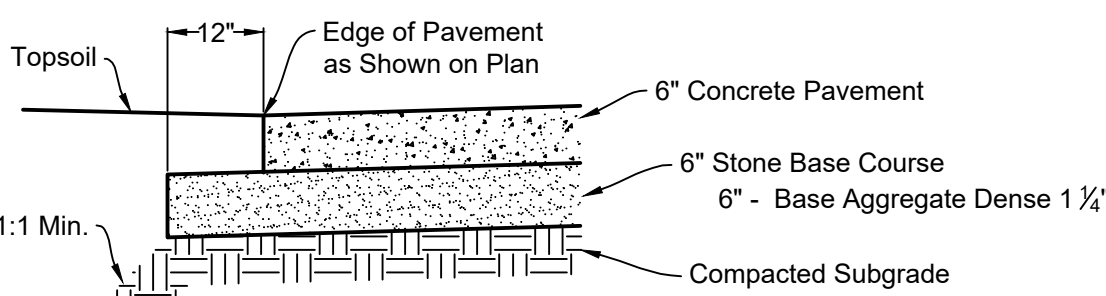
18" STANDARD CURB



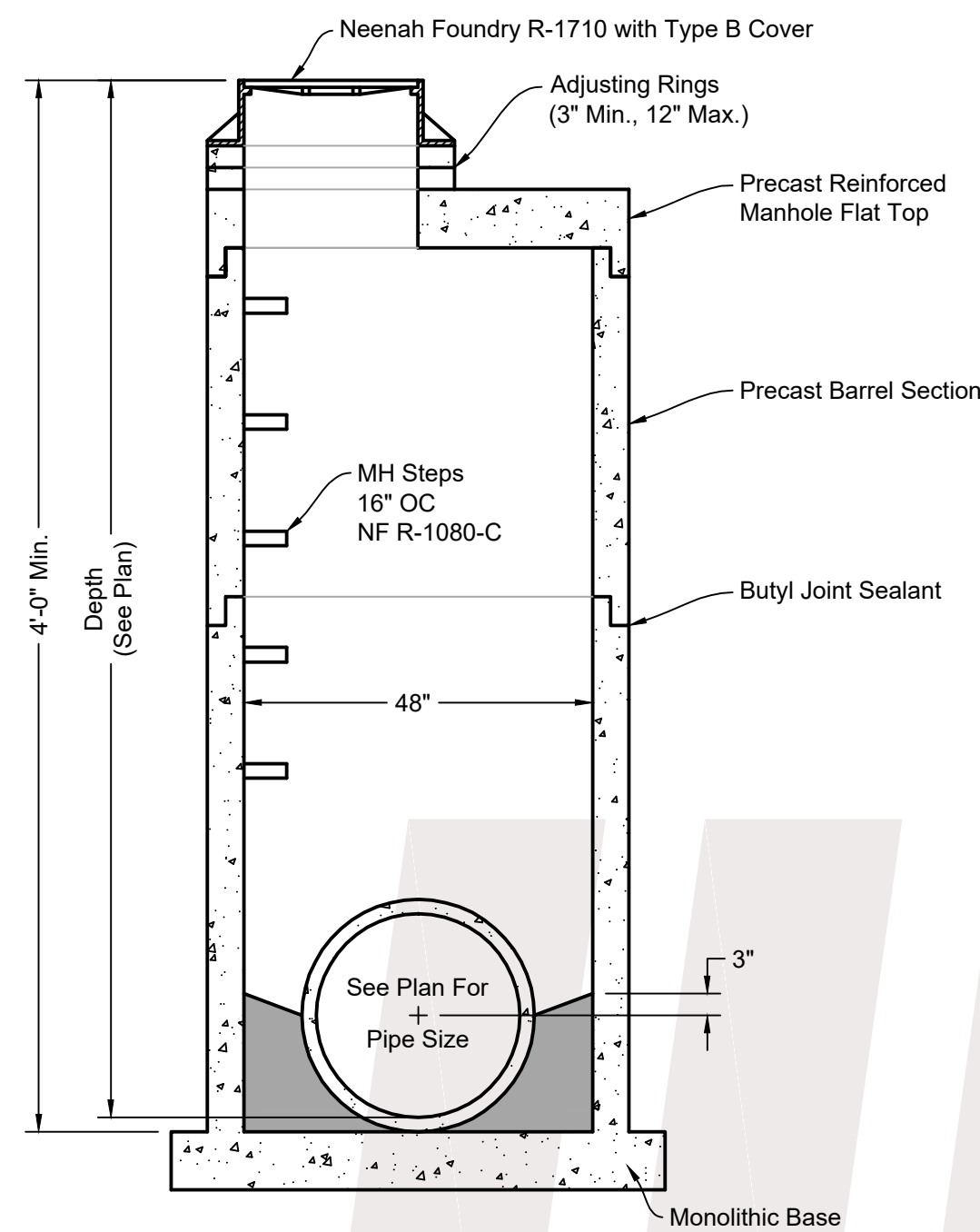
HEAVY DUTY PAVEMENT SECTION



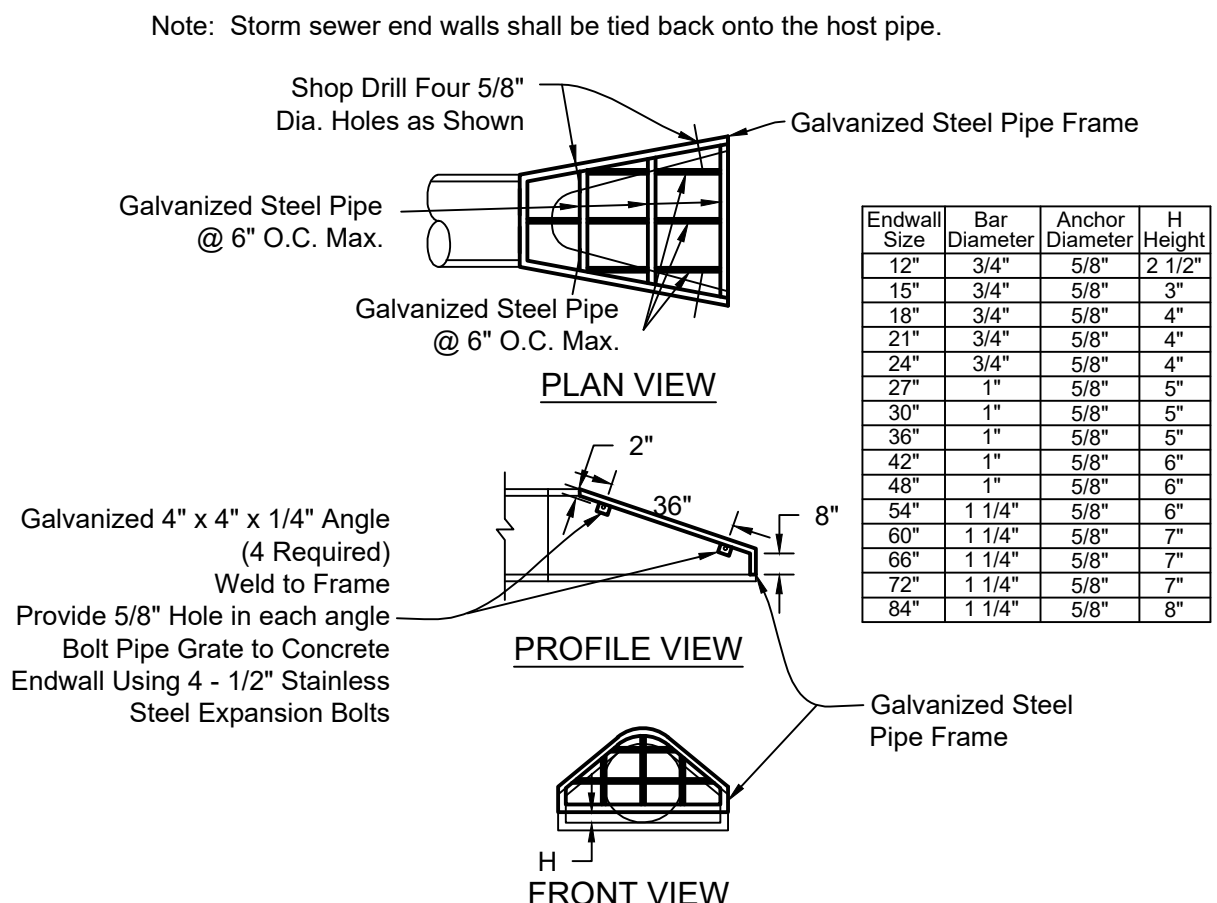
ASPHALT PAVEMENT SECTION



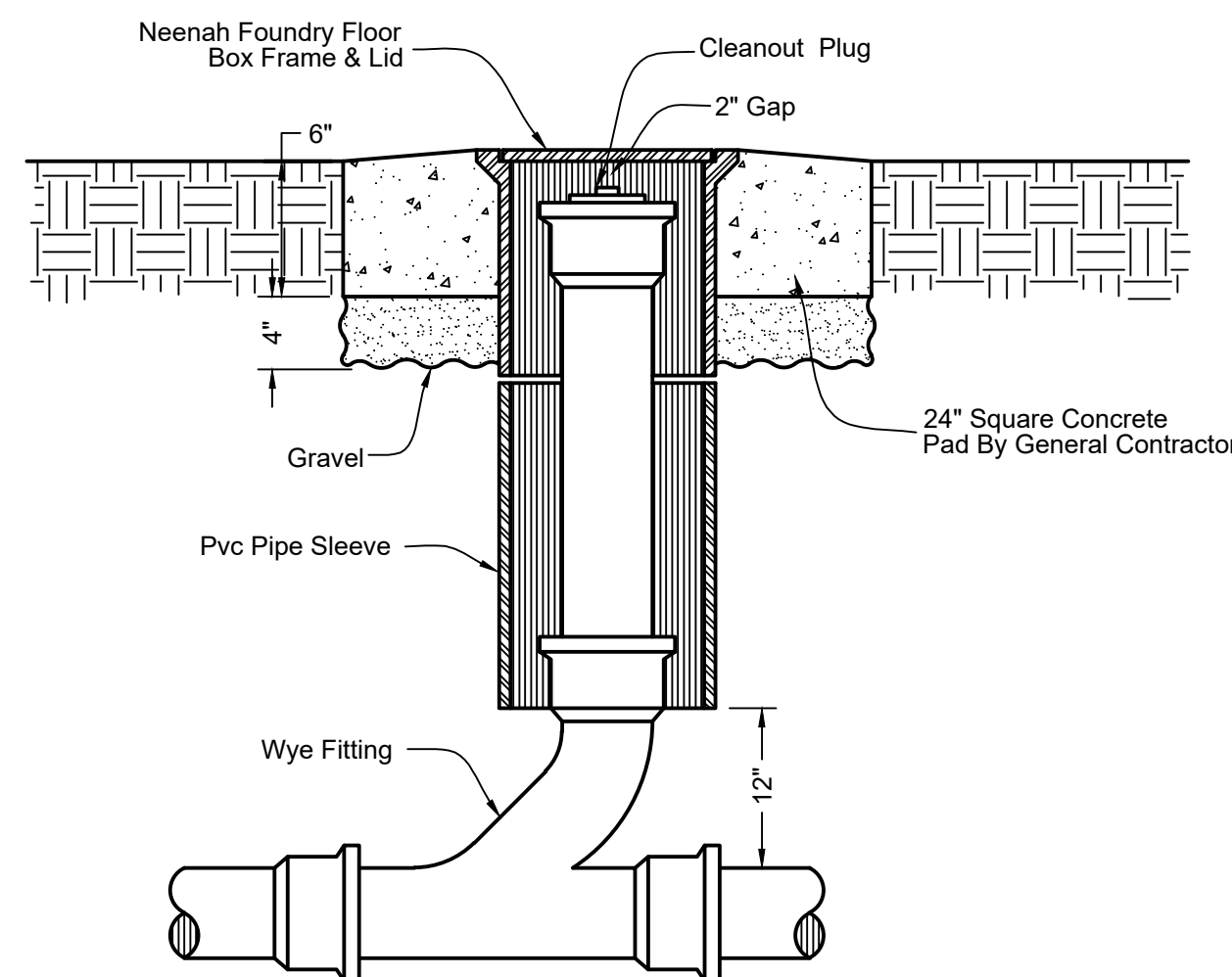
CONCRETE PAVEMENT SECTION



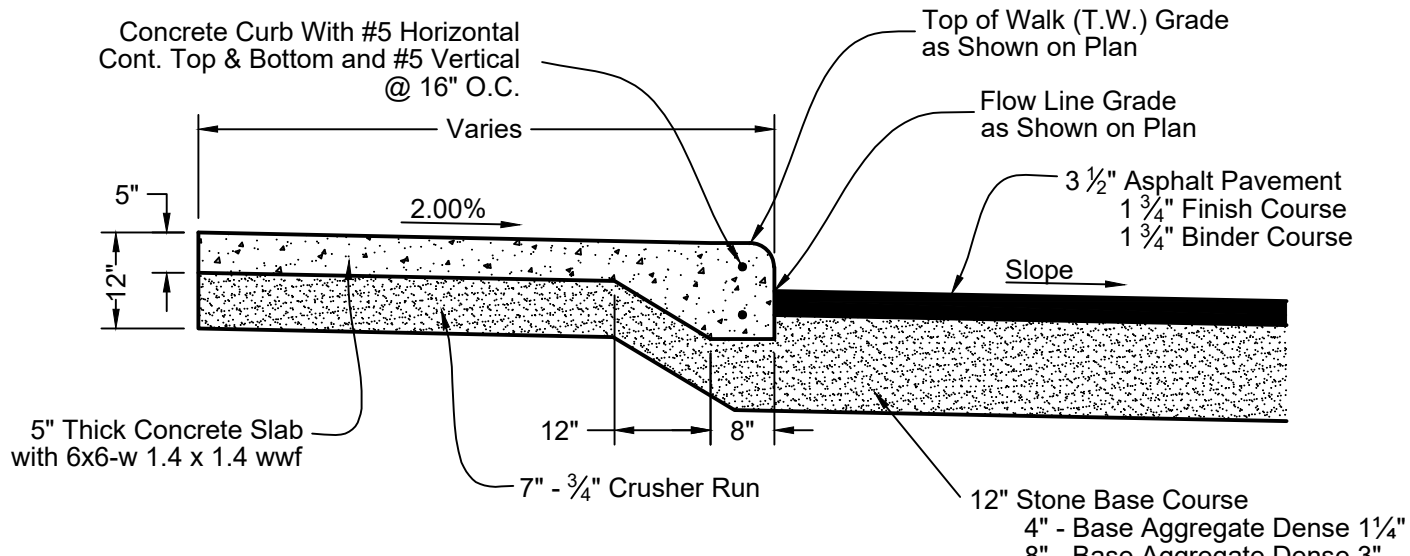
STANDARD STORM MANHOLE



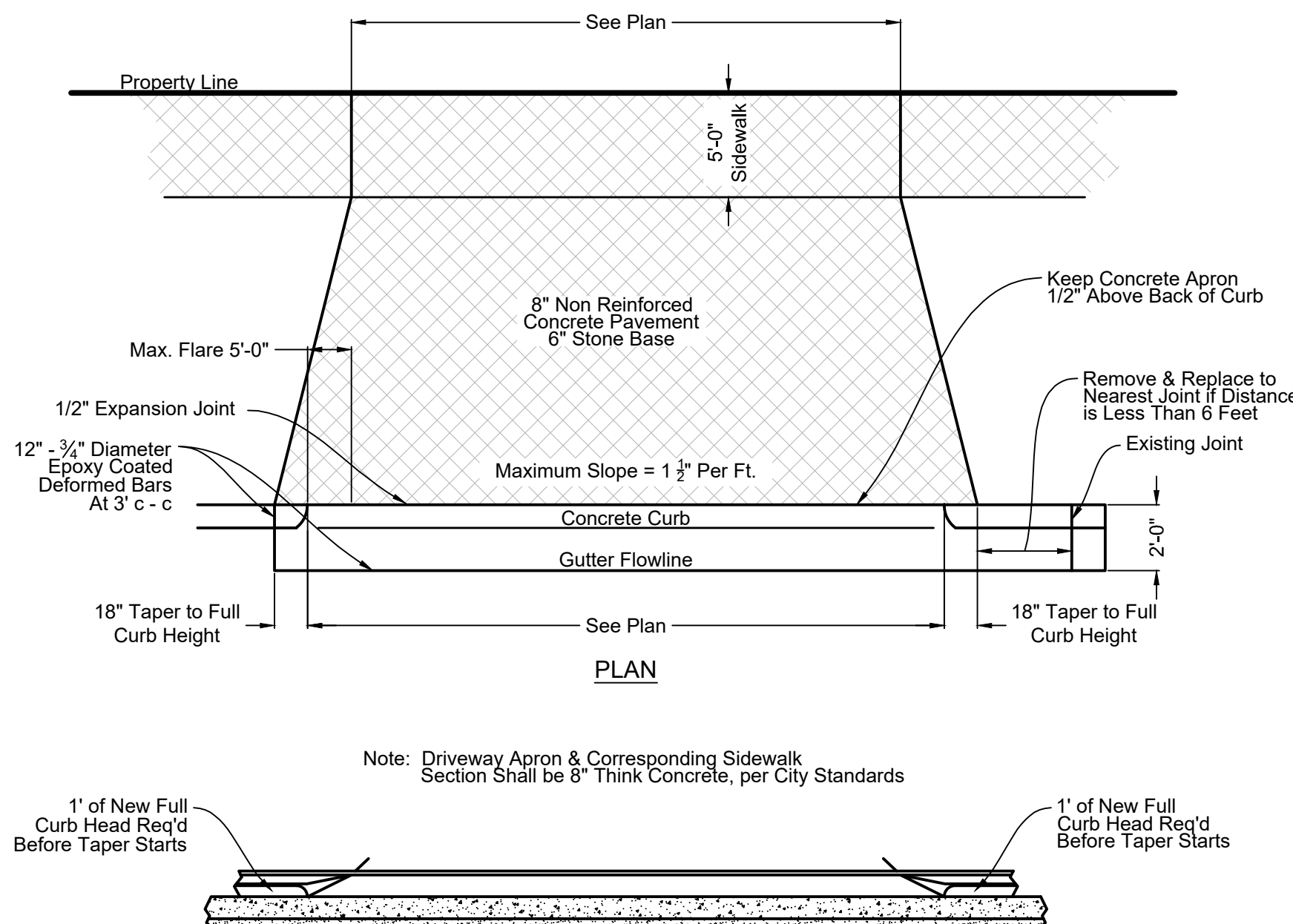
ENDWALL PIPE GRATE



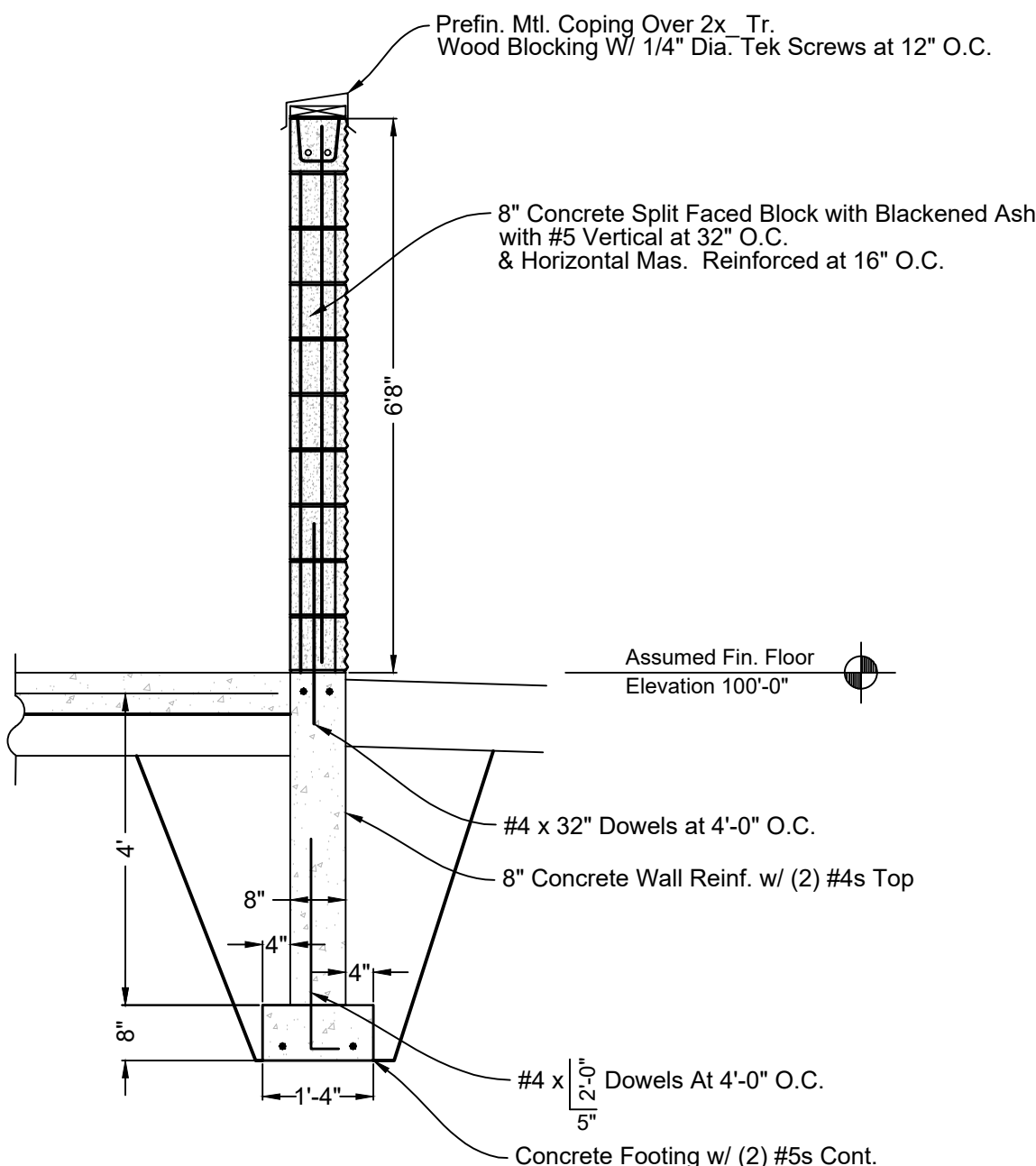
OUTDOOR CLEANOUT



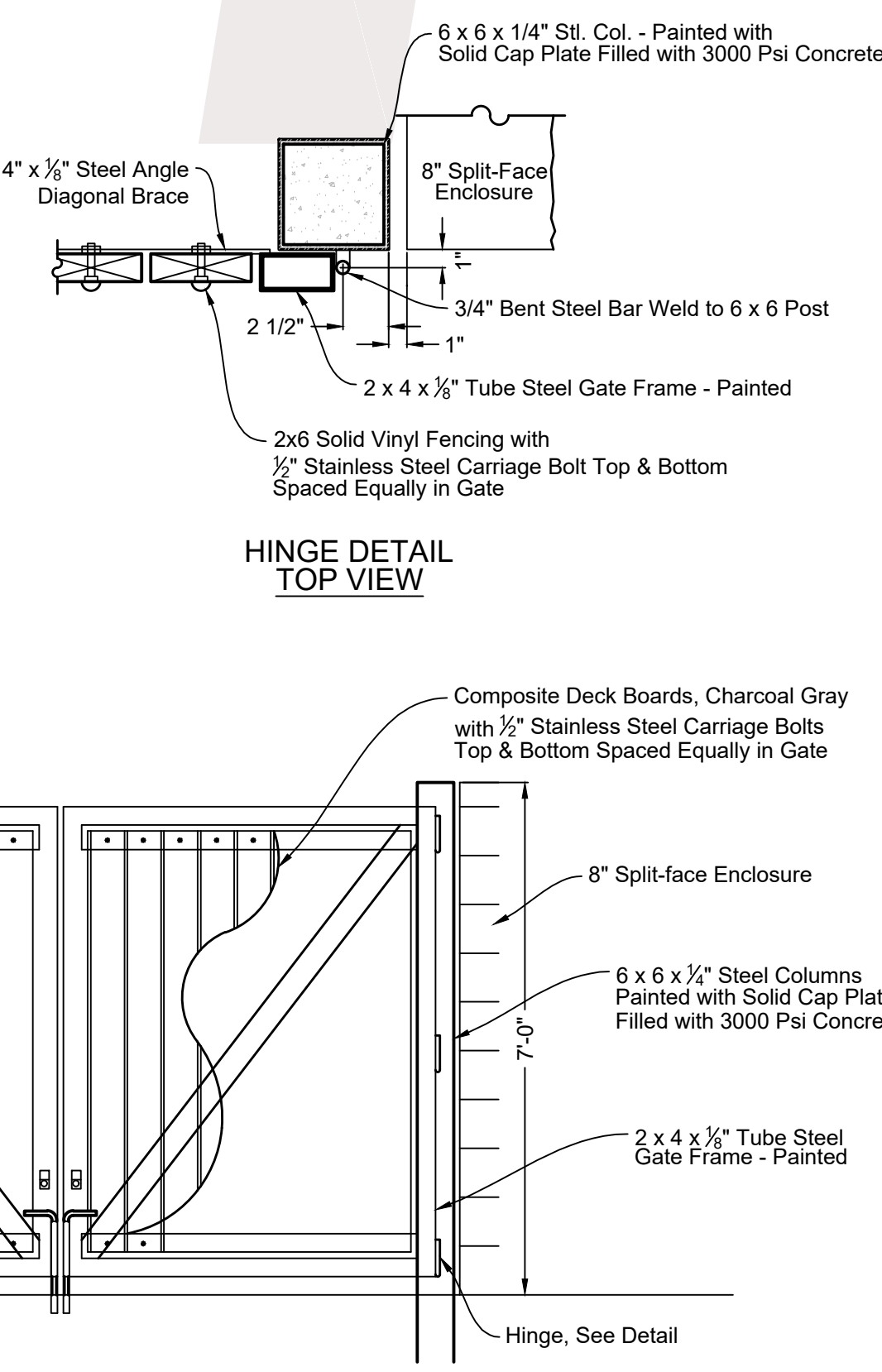
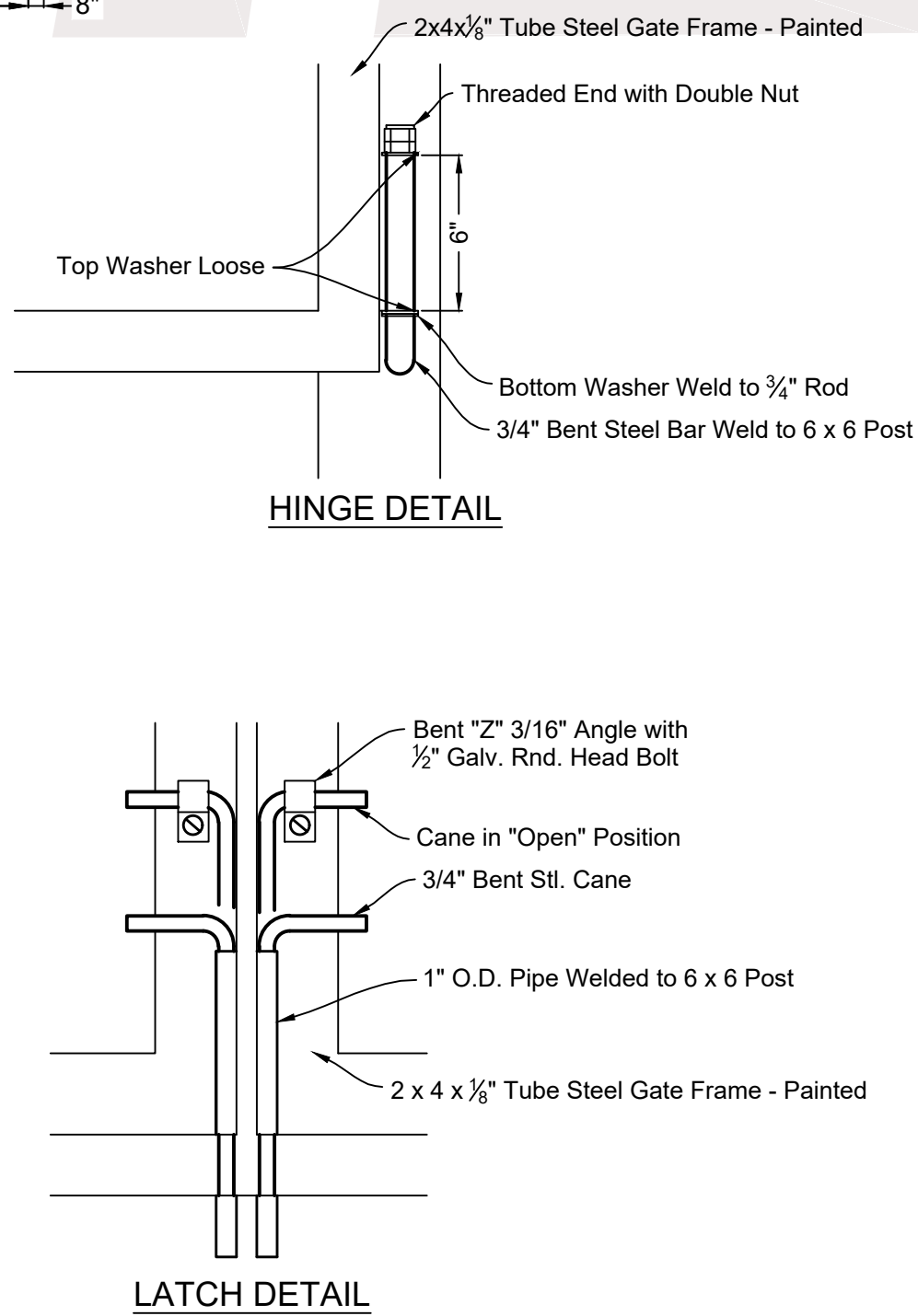
INTEGRAL SIDEWALK / PAVEMENT SECTION



CURB REMOVAL FOR DRIVEWAY OPENING



DUMPSTER ENCLOSURE DETAILS



GATE ELEVATION



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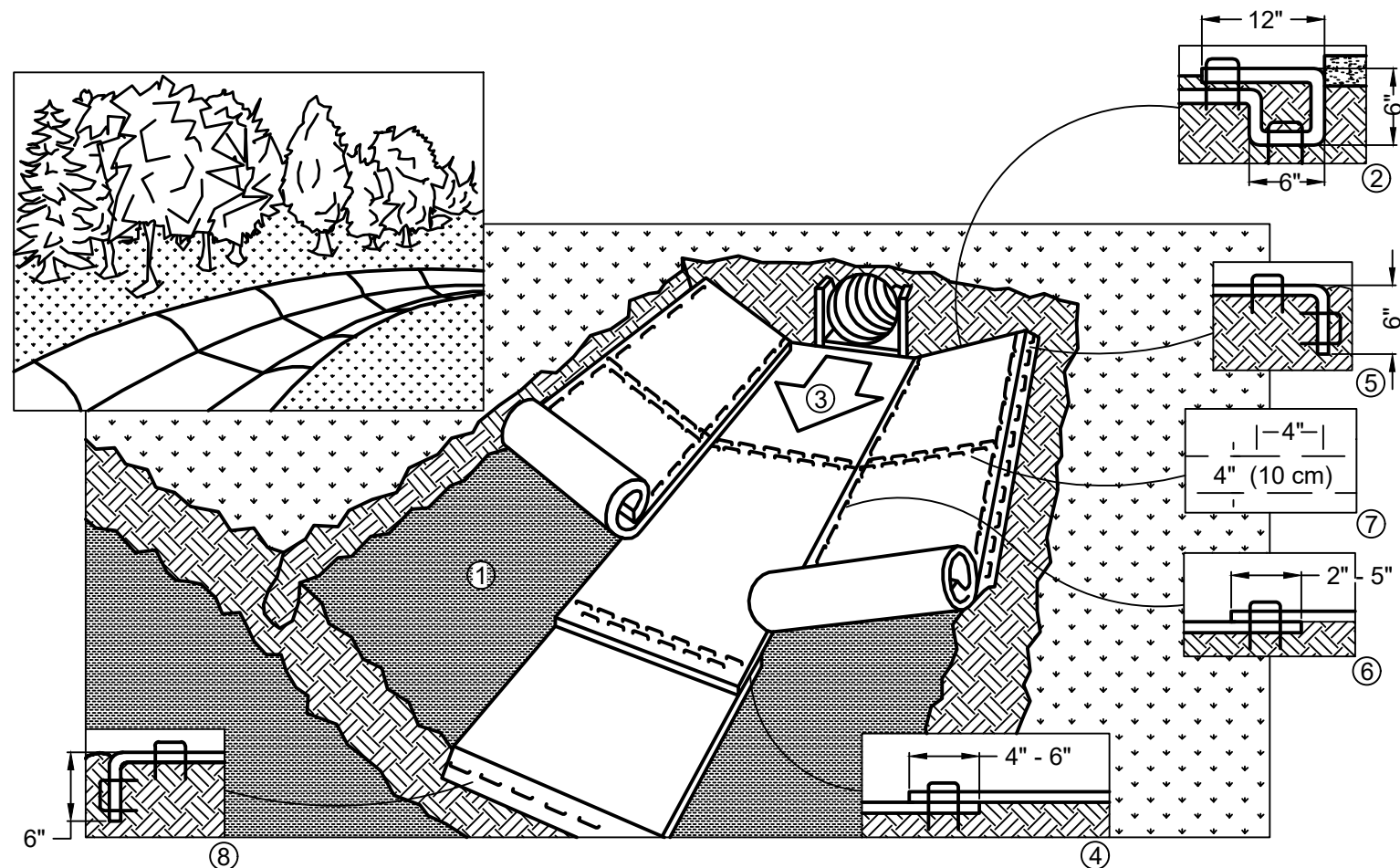
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REVISIONS				
	NO.	DESCRIPTION	DATE	BY

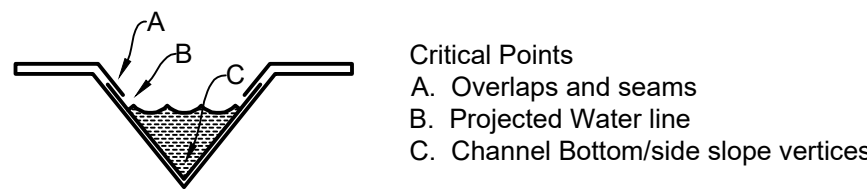
DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1164 Province Terrace, Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-441-0804
www.davel.pro

PROJECT INFO:
MASSMAN CORPORATE INC.
2005 Venture Avenue
CONSTRUCTION DETAILS

DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: C2.1
ARCHT. NO.:	
DATE: 03/14/2024	
SCALE:	



1. Prepare soil before installing Rolled Erosion Control Products (RECP's), including any necessary application of lime, fertilizer, and seed.
 2. When using cell-o-seed do not seed prepared area. Cell-o-seed must be installed with paper side down.
 3. Begin at the top of the channel by anchoring the RECP's in a 6" (15 cm) deep x 6" (15 cm) wide trench with approximately 12" (30 cm) of RECP's extended beyond the up-slope portion of the trench. Anchor the RECP's with a row of staples/stakes approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" (30 cm) portion of RECP's back over seed and compacted soil. Secure RECP's over compacted soil with a row of staples/stakes spaced approximately 12" (30 cm) across the width of the RECP's.
 4. Roll center RECP's in direction of water flow in bottom of channel. RECP's will unroll with appropriate side against the soil surface. All RECP's must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide. When using the DOT system, staples/stakes should be placed through each of the colored dots corresponding to the appropriate staple pattern.
 5. Place consecutive RECP's end over end (shingle style) with a 4" - 6" (10 cm - 15 cm) overlap. Use a double row of staples staggered 4" (10 cm) apart and 4" (10 cm) on center to secure RECP's.
 6. Full length edge of RECP's at top of side slopes must be anchored with a row of staples/stakes approximately 12" (30 cm) apart in a 6" (15 cm) deep x 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
 7. Adjacent RECP's must be overlapped approximately 2" - 5" (5 cm - 12.5 cm) (depending on RECP's type) and stapled.
 8. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9 M - 12 M) intervals. Use a double row of staples staggered 4" (10 cm) apart and 4" (10 cm) on center over entire width of the channel.
 9. The terminal end of the RECP's must be anchored with a row of staples/stakes approximately 12" (30 cm) apart in a 6" (15 cm) deep x 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
- Note:
- * In loose soil conditions, the use of staple or stake lengths greater than 6" (15 cm) may be necessary to properly anchor the RECP's.
9. Detail provided by North American Green (www.nagreen.com)



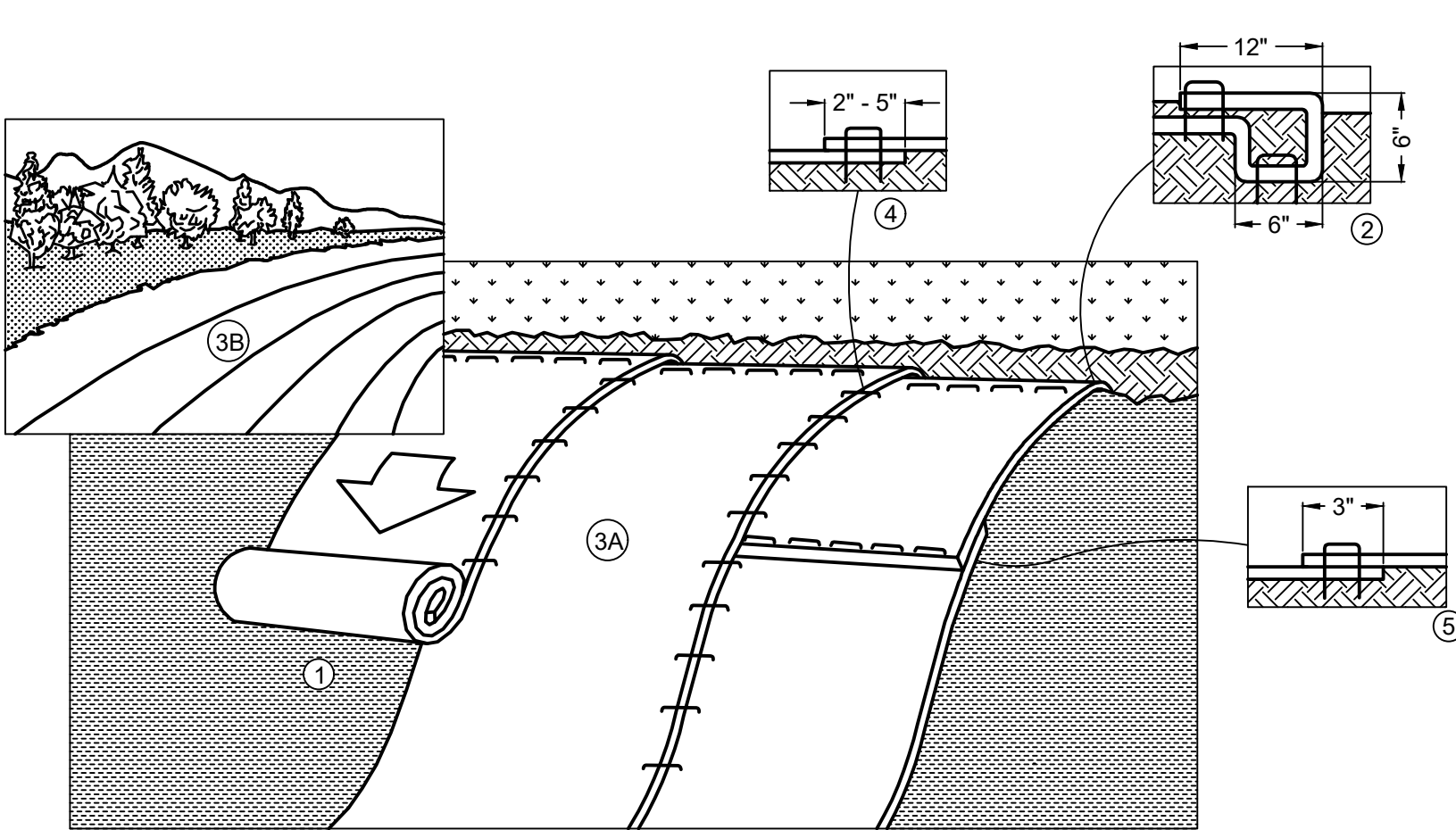
EROSION MAT CHANNEL INSTALLATION

DNR TECHNICAL STANDARD 1053

Note:

- * Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.

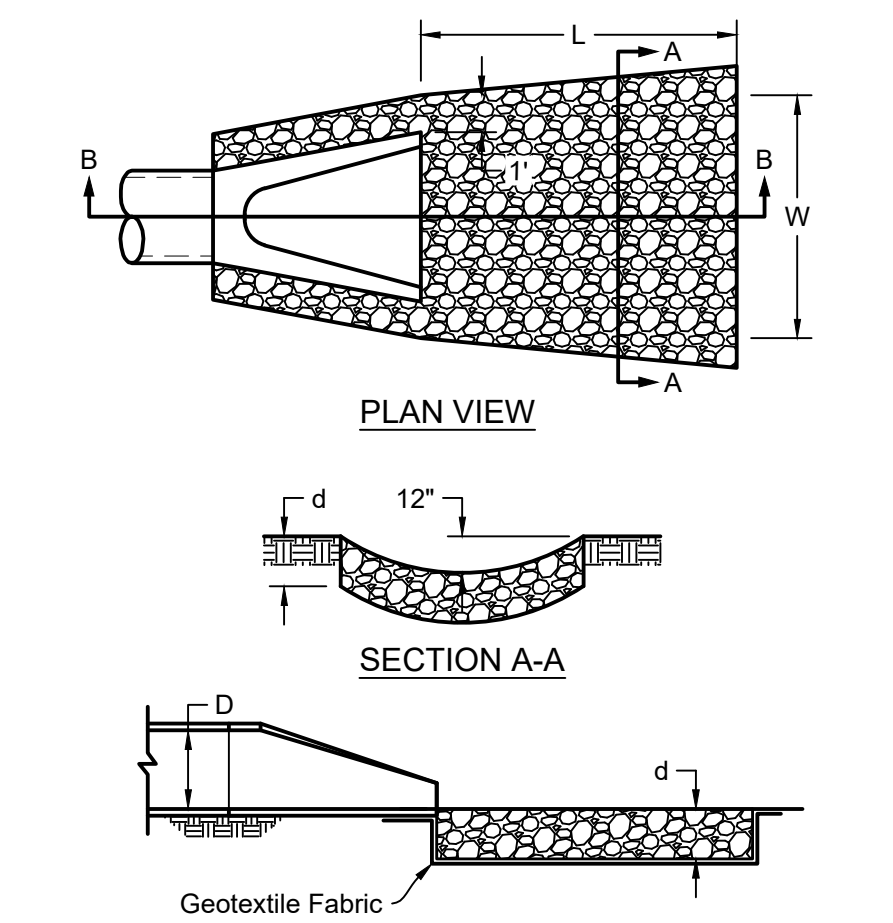
** In loose soil conditions, the use of staple or stake lengths greater than 6" (15 cm) may be necessary to properly anchor the RECP's.



1. Prepare soil before installing Rolled Erosion Control Products (RECP's), including any necessary application of lime, fertilizer, and seed.
2. When using cell-o-seed do not seed prepared area. Cell-o-seed must be installed with paper side down.
3. Begin at the top of the slope by anchoring the RECP's in a 6" (15 cm) deep x 6" (15 cm) wide trench with approximately 12" (30 cm) of RECP's extended beyond the up-slope portion of the trench. Anchor the RECP's with a row of staples/stakes approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" (30 cm) portion of RECP's back over seed and compacted soil. Secure RECP's over compacted soil with a row of staples/stakes spaced approximately 12" (30 cm) apart across the width of the RECP's.
3. Roll the RECP's (A.) down or (B.) horizontally across the slope. RECP's will unroll with appropriate side against the soil surface. All RECP's must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide. When using the DOT system, staples/stakes should be placed through each of the colored Dots corresponding to the appropriate staple pattern.
4. The edges of parallel RECP's must be stapled with approximately 2" - 5" (5 cm - 12.5 cm) overlap depending on RECP's type.
5. Consecutive RECP's spliced down the slope must be placed end over end (shingle style) with an approximate 3" (7.5 cm) overlap. Staple through overlapped area, approximately 12" (30 cm) apart across entire RECP's width.
- Note: * In loose soil conditions, the use of staple or stake lengths greater than 6" (30 cm) may be necessary to properly secure the RECP's.
6. Detail provided by North American Green (www.nagreen.com)
7. Turf Reinforcement Mats (TRM's) shall be installed in accordance with the above specifications for all RECP's. Anchoring size and pattern is to be installed per manufacturer specifications for clay soils having 4:1 slope. All TRM's shall be topsoil filled, seeded, and covered with a Class 2, Type B erosion mat in accordance with all manufacturer specifications.

EROSION/TURF REINFORCEMENT MAT SLOPE INSTALLATION

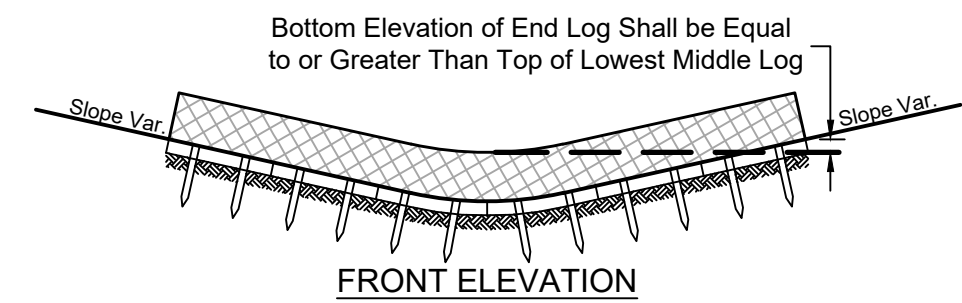
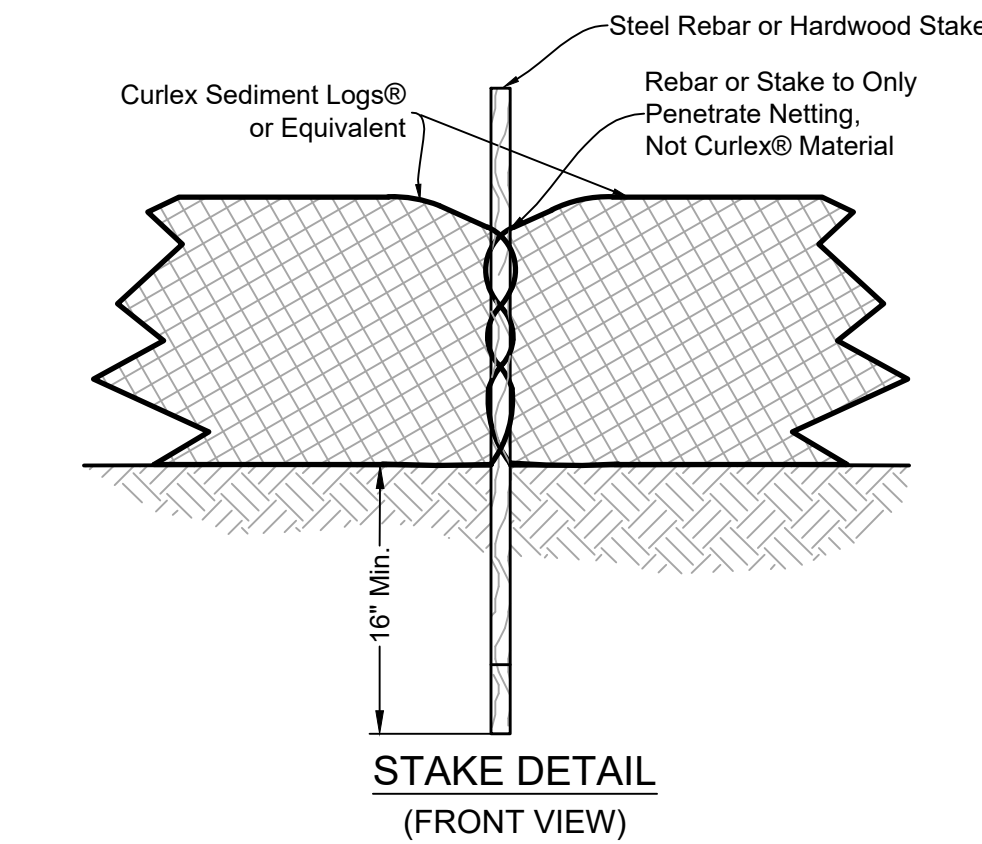
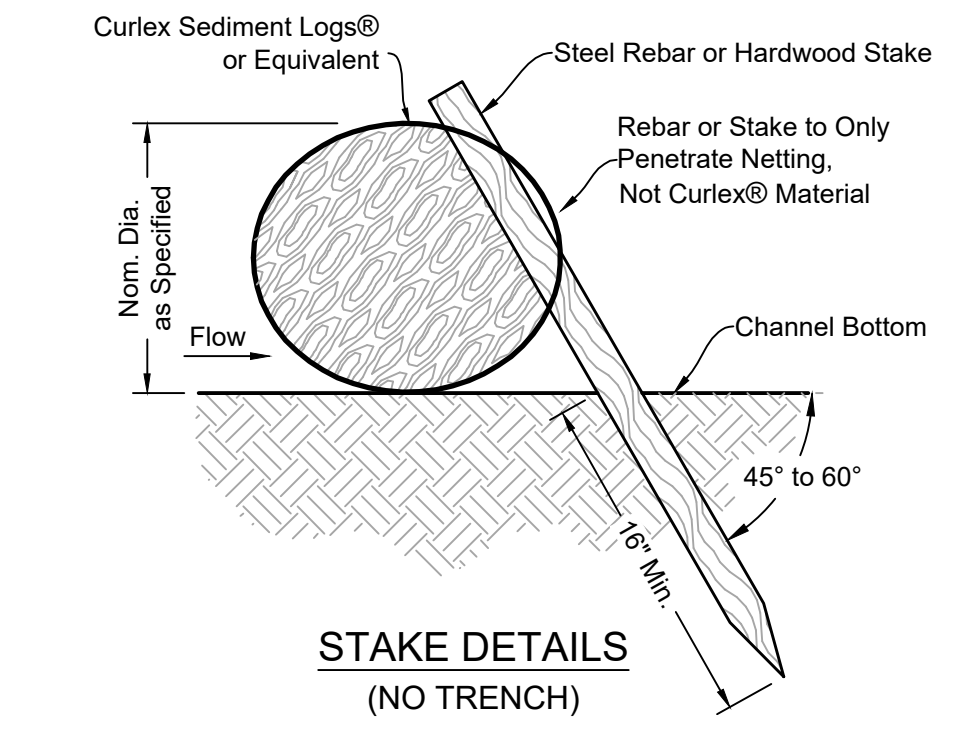
DNR TECHNICAL STANDARD 1052



D	12"	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"
L	10'	12'	18'	20'	20'	25'	28'	33'	37'	40'	45'
W	11'	13'	20'	22'	24'	28'	32'	38'	42'	45'	50'
d	12"	12"	12"	18"	18"	18"	24"	24"	24"	24"	24"
Riprap	Light	Light	Light	Med.	Med.	Med.	Heavy	Heavy	Heavy	Heavy	Heavy
cuyds	2.6	3.6	7.8	14.3	15.6	22.6	38.4	53.2	65.8	76.3	95.0

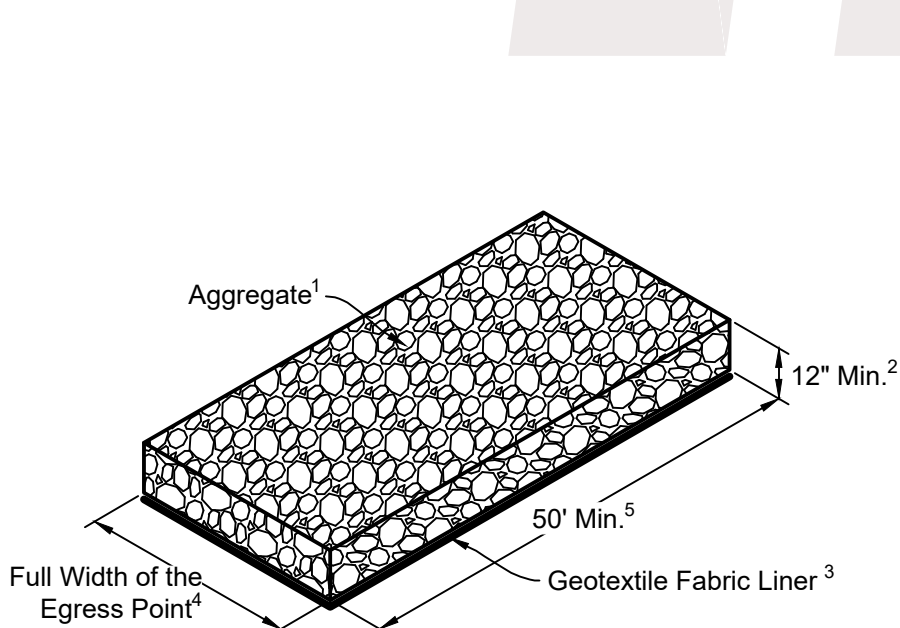
- Notes:
1. Excavate below channel outlet and widen channel outlet to the required riprap thickness for each apron. Foundation to be set to zero grade and smoothed.
 2. Place geotextile fabric on bottom and sides of prepared foundation. Fabric shall extend under endwall in accordance with DOT specifications. (DOT Section 628.2 & 628.3)
 3. Exercise care in placement of riprap to avoid damage to filter fabric.
 4. Use riprap conforming to Wisconsin DOT specifications. (DOT Section 606.2 & 606.3)
 5. Use DOT Type R geotextile fabric for light riprap. Use Type HR for medium and heavy riprap. (DOT Section 606.2, 606.3, 628.2 & 628.3)
 6. Use 12" dimension for pipes less than 12" in diameter.

OUTLET PROTECTION



NOTE: Stake installation shall meet manufacturer's requirements in regard to spacing, material, size, and bury depth.

SEDIMENT LOG DETAIL



TRACKING PAD DETAIL

DNR TECHNICAL STANDARD 1057

Note 1 Use hard, durable, angular stone or recycled concrete meeting the gradation in Table 1. Where this gradation is not available, meet the gradation in Wisconsin Department of Transportation (DOT) 2022 Standard Specification, Section 312. Select Crushed Material.

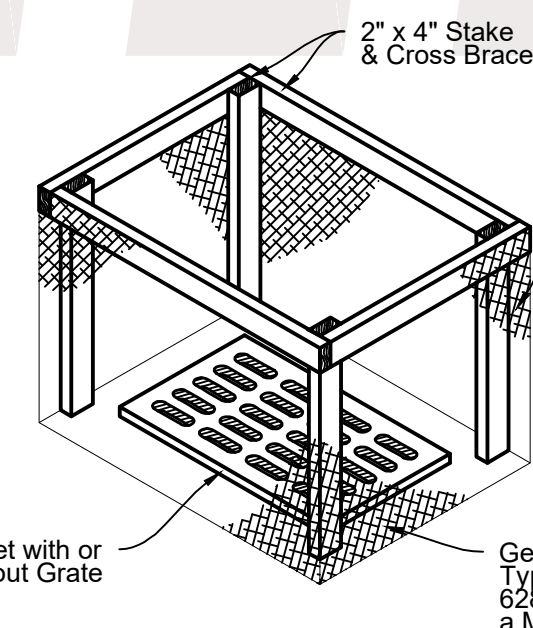
Note 2 Slope the stone tracking pad in a manner to direct runoff to an approved treatment practice.

Note 3 Select fabric type based on soil conditions and vehicles loading.

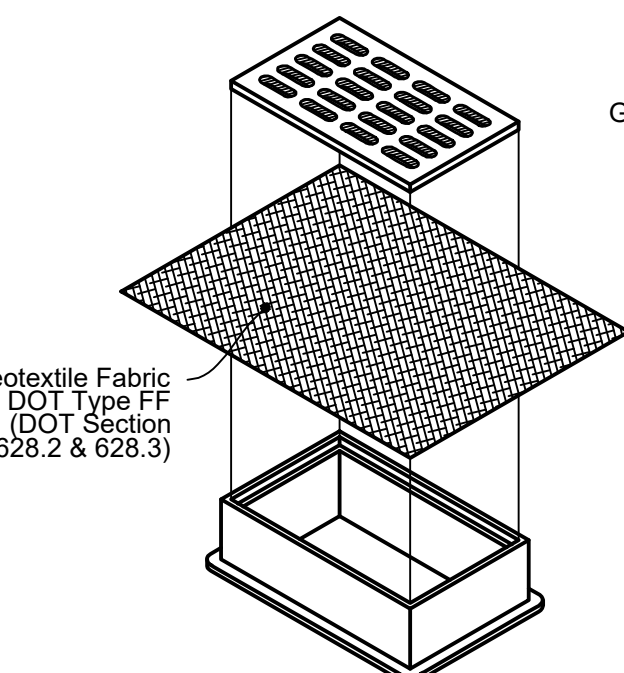
Note 4 Install tracking pad across full width of the access point, or restrict existing traffic to a dedicated egress lane at least 12 feet wide across the top of the pad.

Note 5 If a 50' pad length is not possible due to site geometry, install the maximum length practicable and supplement with additional practices as needed.

Sieve Size	Percent by weight passing
3"	100
2-1/2"	90-100
1-1/2"	25-60
3/4"	0-20
3/8"	0-5



INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE B

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)

GENERAL NOTES:

Inlet protection devices shall be maintained or replaced at the direction of the engineer.

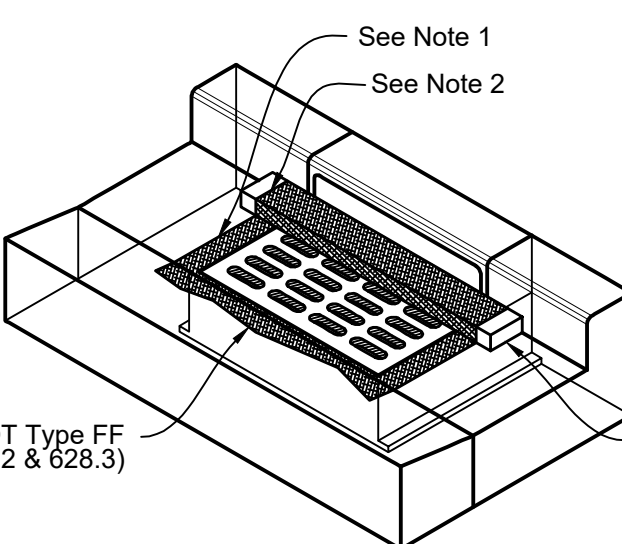
Manufactured alternatives approved and listed on the DOT Erosion Control Product Acceptability list may be substituted.

When removing or maintaining inlet protection, care shall be taken so that the sediment trapped on the geotextile fabric does not fall into the inlet. Any material falling into the inlet shall be removed immediately.

1. Finished size, including flap pockets where required, shall extend a minimum of 10" around the perimeter to facilitate maintenance or removal.

2. For inlet protection, Type C (with curb box), an additional 10" of fabric is wrapped around the wood and secured with staples. The wood shall not block the entire height of the curb box opening.

3. Flap pockets shall be large enough to accept wood 2x4.



INLET PROTECTION, TYPE C

INSTALLATION NOTES:

Inlet protection Type A shall be utilized around field inlets until permanent stabilization methods have been established. Inlet protection Type A shall be utilized on pavement inlets prior to installation of curb and gutter or pavement.

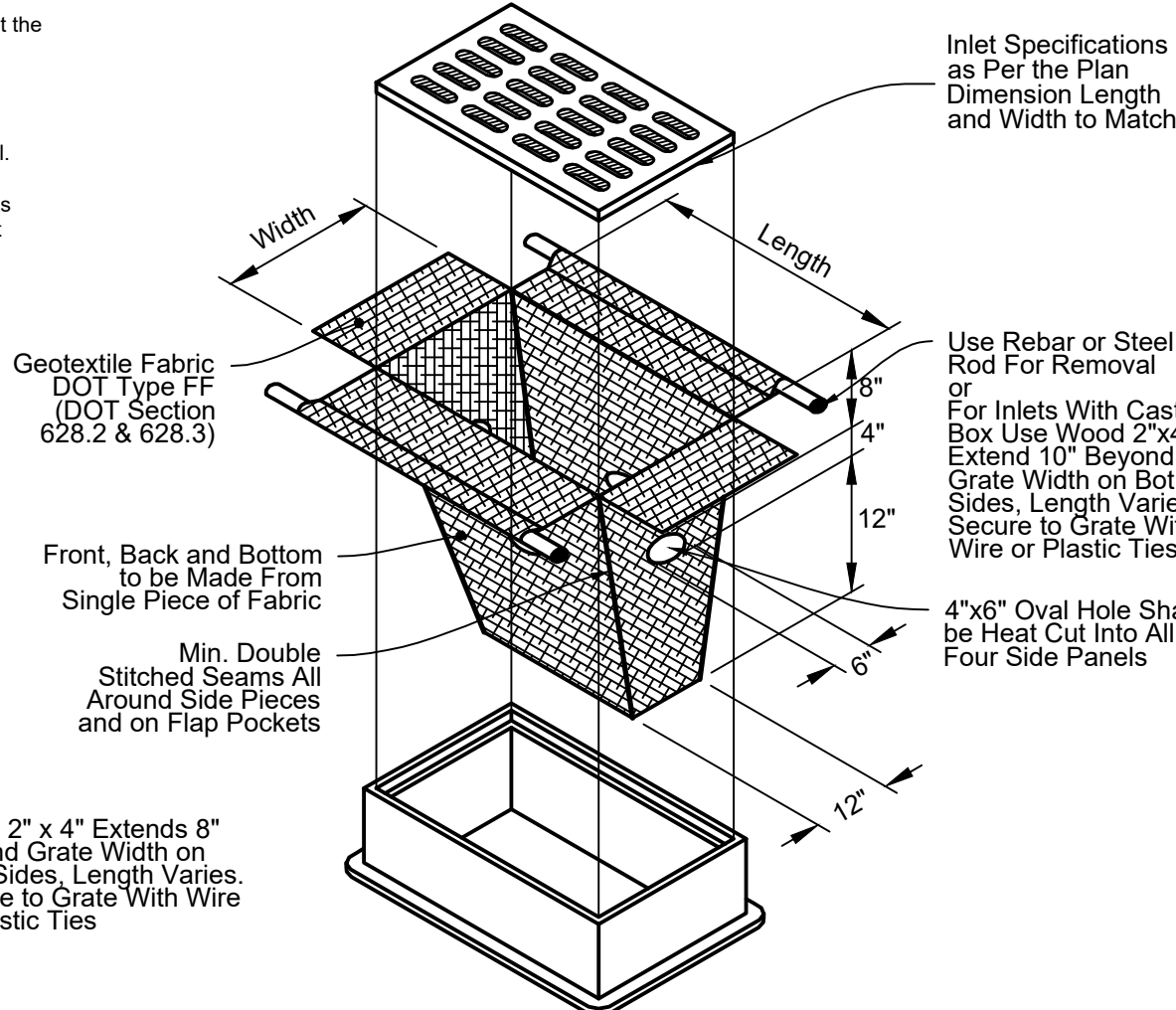
Inlet protection Type B shall be utilized on street inlets without curb heads, once surrounding surface is in place.

Inlet protection Type C shall be utilized on street inlets with curb heads.

TYPE B & C

Trim excess fabric in the flow line to within 3" of the grate.

The contractor shall demonstrate a method of maintenance, using a sewn flap, hand holds, or other method to prevent accumulated sediment from entering the inlet.



INLET PROTECTION, TYPE D

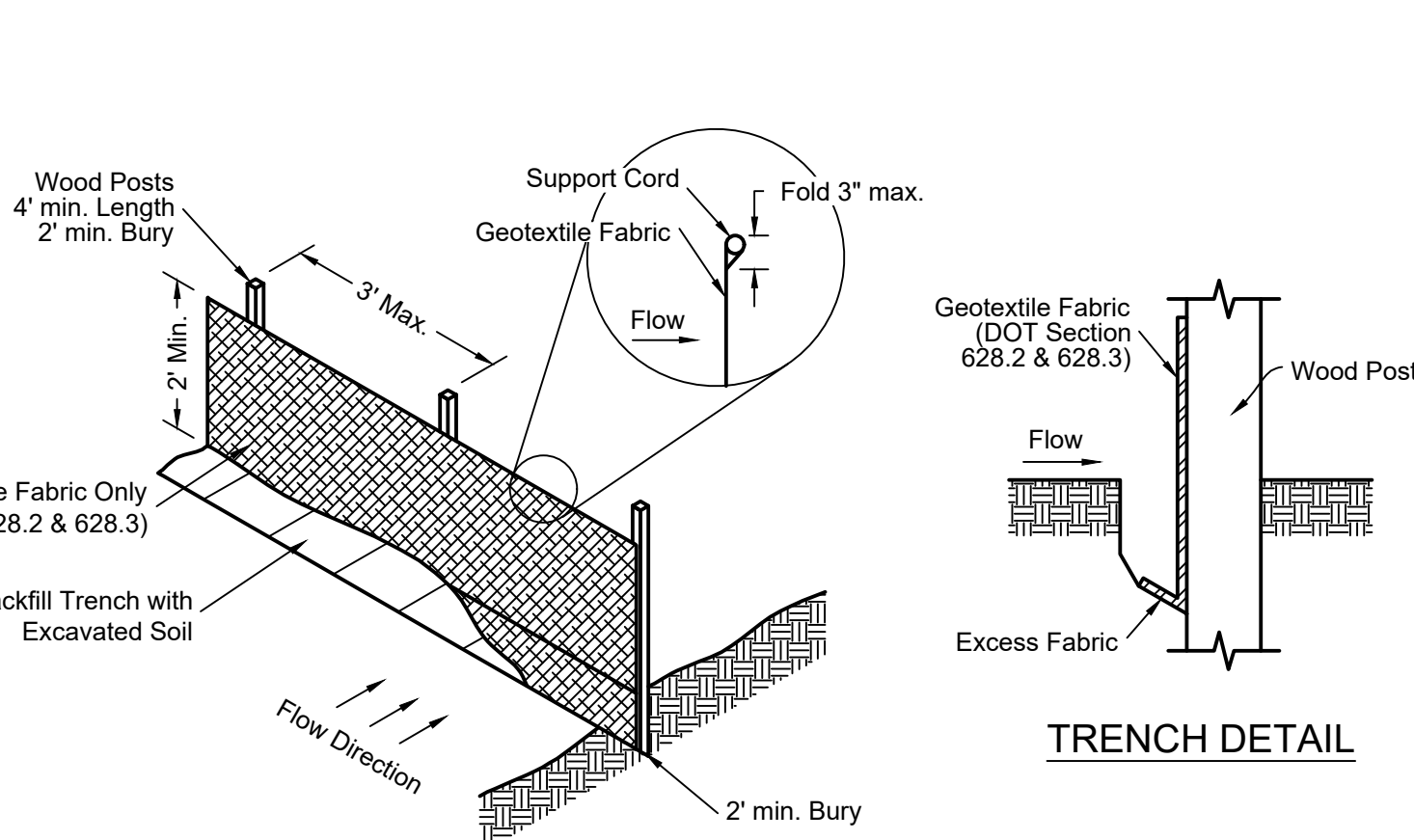
(CAN BE INSTALLED IN ANY INLET WITH OR WITHOUT A CURB BOX)

INSTALLATION NOTES:

Do not install inlet protection type D in inlets shallower than 30", measured from the bottom of the inlet to the top of the grate.

Trim excess fabric in the flow line to within 3" of the grate.

The installed bag shall have a minimum side clearance between the inlet walls and the bag measured at the bottom of the overflow holes of 3". Where necessary, the contractor shall cinch the bag using plastic zip ties to achieve the 3" clearance. The ties shall be placed at a minimum of 4" from the bottom of the bag.



Silt fence notes:

1. Detail of construction not shown on this drawings shall conform to criteria set by authorities having jurisdiction and by DNR Technical Standard 1056.
2. When possible, the silt fence should be constructed in an arc or horseshoe shape with the ends pointing upslope to maximize both strength and effectiveness.
3. Attach the fabric to the posts with wire staples or wooden lath and nails.
4. 8'-0" post spacing allowed if a woven geotextile fabric is used.
5. Trench shall be a minimum of 4" wide and 6" deep to bury and anchor the geotextile fabric. Fold material to fit trench and backfill and compact trench with excavated soil.
6. Geotextile fabric shall be reinforced with an industrial polypropylene netting with a maximum mesh spacing of 3/4" or equal. A heavy-duty nylon top support chord or equivalent is required.
7. Steel posts shall be studded "tee" or "u" type with a minimum weight of 128 lbs/lineal foot (without anchor). Fin anchors shall be a minimum size of 4" diameter or 1 1/2" x 3 1/2", except wood posts for geotextile fabric reinforced with netting shall be a minimum size of 1 1/8" x 1 1/8" oak or hickory.

SILT FENCE INSTALLATION

DNR TECHNICAL STANDARD 1056



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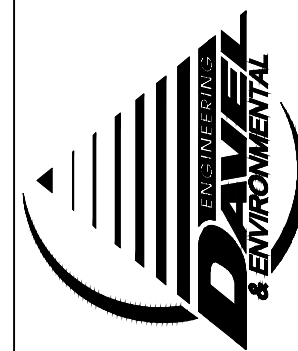
CORPORATE OFFICE
1164 PROVINCE TERRACE, MENAASHA, WI 54952
PHONE: (920) 991-1866
FAX: (920) 441-0804
WWW.DAVELPRO.COM

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DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1164 Province Terrace, Menaasha, WI 54952
Ph: 920-991-1866 Fax: 920-441-0804
www.davel.pro

PROJECT INFO:
MASSMAN CORPORATE INC.
2005 Venture Avenue
EROSION & SEDIMENT CONTROL DETAILS

DRAWN BY:
Author

SMET NO.:
22106

ARCHT. NO.:

SALES:

SHEET:

C2.2

DATE: 03/14/2024

SCALE:

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Engineers and Land Surveyors
64 Province Terrace, Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-441-0804
www.davelpro.com

**MASSMAN
CORPORATE INC.**
2005 Venture Avenue

LANDSCAPE PLAN

SALES:

SHEET:

DATE: 03/14/2024

SCALE: 1" = 40'-0"



Legal Description: Lot 3 of 61 CSM 349 BNG PRT of Lot 1 & PRT of NW1/4 SE1/4 SEC 32 T23N R20E
Parcel #: WD-D00076
Current Use: Vacant
Proposed Use: Industrial
Current Zoning: BP-2 = Business Park 2

Site Areas
Parcel Area: 231,717 SF (5.32 Acres)

Total Existing Impervious: 0 SF (0%)

Proposed Building Area: 45,319 SF
Proposed Pavement Area: 93,349 SF
Total Proposed Impervious: 138,668 SF (60%)
Total Proposed Greenspace: 93,049 SF (40%)

PARKING CALCULATIONS
 Parking Stalls Proposed: 106
 Handicapped Parking Stalls Proposed: 3

PROPERTY OWNER:

SMET Properties, LLC
Scott Smet
1428 Fox River Drive
DePere, WI 54115

Landscaping Requirements	
Street Right-of-Way/Plants: 1 Large Tree per 35' of Street Frontage Centered in Terrace	
Venture Ave Length = 302.6' Requires 8.6 Trees	
Venture Ave Actual = 9 Trees	
Interior Parking Lot: 1 Tree per 20 parking spaces - Tree at End of Parking Row	
Total Parking Spaces = 107	
Trees Required = 5.3	
Actual Trees = 13	
Parking Lot Screening: Screen Adjacent to Street - 7' Wide - Min. 3' Tall	
Actual - Vegetated Screen	
Building Foundation Landscaping: 60% of Length of Street Facing Building Wall - Enhance Entrances. 5' Width	
West Length = 160'	
West Required Length = 96'	
West Actual = 146'	
South Side - Shrubs by Entrances.	
General:	No Tree more than 40% of total trees.
	ATM = 19.2% GT5 = 27% G4R = 15.4% TAR = 19.2% LUM = 19.2%P
East Lot Line:	No requirement but Zoning Administrator Suggested Trees - Added 4 Trees (Pending Approval by Owner.)
Dumpsters screen - No dumpsters on plan.	
Minimum Shrub Size per 14-106 (4) (a) 1. Shrub size minimum 5 gal container.	

Plant List								
Symbol	Label	Qty	Scientific Name	Common Name	Size @ Planting	Size @ Maturity		
Canopy Trees								
AFM	5	Acer x freemanii 'Marmlo'	Marmlo Maple	2' x 10" H Min	30-50' H x 30-45' Spread			
GTS	7	Gleditsia triacanthos nana 'Sycolor'	Shiny Honeylocust	2' x 10" H Min	35-45' H x 25-35' Spread			
QAR	4	Quercus bicolor	Swamp White Oak	2' x 10" H Min	50-60' H x 40-50' Spread			
TRA	5	Tilia americana 'Redmond'	Redmond Linden	2' x 10" H Min	40-50' H x 25-35' Spread			
UMG	5	Ulmus 'Morton Glossy'	Trumpf Elm	2' x 10" H Min	40-50' H x 35-45' Spread			
Shrubs								
HPB	6	Hydrangea paniculata 'LVOBO'	Bobo Hydrangea	3'	2-4' H x 2-4' Spread			
PDO	24	Physocarpus opulifolius 'SINPATOP'	Tiny Wine Kinkerb.	4" x 3" H Min	3-4' H x 3-4' Spread			
PNB	6	Picea abies 'Nidiformis'	Pyramidal Spruce	2'	2-3.5' H x 2-4' Spread			
SBT	20	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	4" x 3" H Min	3-3.5' H x 2-4' Spread			
SD2	13	Spiraea x 'NCX52'	Double Yellow Dozice Spirea	4"	2-3' H x 2-4' Spread			
SD2	2	Syringa 'SMS-BP7'	Dark Purple Blooming Lilac	4"	4-5' H x 4-5' Spread			
TDH	32	Thuja occidentalis 'Tee Midget'	Heck Midget Arborvitae	4" x 3" H Min	3-3.5' H x 3-4' Spread			
Perennials & Grasses								
CAK	5	Calamagrostis arifolia 'Kari Foerster'	Kari Foerster Reed Grass	1'	3-5' H x 2' Spread			
HRS	12	Hemerocallis 'Rutby Selita'	Purple D'Oyley Daylily	1'	1-2' H x 2' Spread			

Landscape Notes

- 1** Planting Beds & Islands: Remove stones, sticks, construction debris and other extraneous materials from planting area. Install 12" of 3:2 ratio of pulverized topsoil and organic matter and rototill into subsoil at depth of 6-8". Rake smooth and assure positive pitch. Install 1.5" American Heritage Decorative Stone over Landscape Fabric. Edge all planting beds with Professional Poly Vinyl edging.

Planting Restrictions: Provide trees, shrubs, evergreens, perennials and grasses as per size and root condition in Plant List. Provide plant material certificates at time of planting.

- 2 Trees: All Trees to be staked.
Trees in turf area or seeded area to have 6" dia. circle of Shredded Hardwood mulch at 3" depth and shovel cut edge separating mulch from lawn area.
Treflan herbicide placed on soil prior to mulching.

Plant Warranty Period: All plant material will have (One) 1 full year warranty replacement from date of substantial completion.
Maintenance Period: Maintenance period will last for a period of 60 days from substantial completion date.
Provide all maintenance services at minimum, watering, staking leaning trees, pruning deadheading, weeding, and removing debris from planting and landscape areas, repairing setting of stone, mulch, topsoil and/or plants, application of pesticides, ch and fertilizers when required. At minimum contractor shall plan weekly maintenance visits and provide documentation of activities.

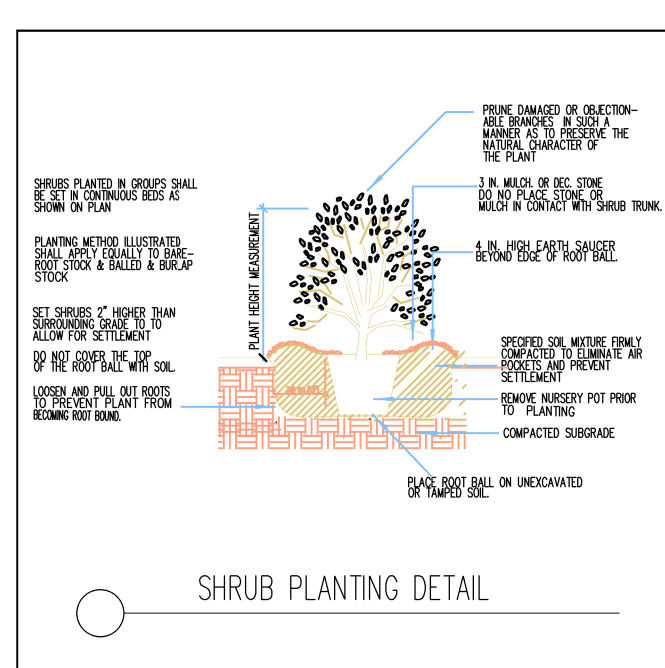
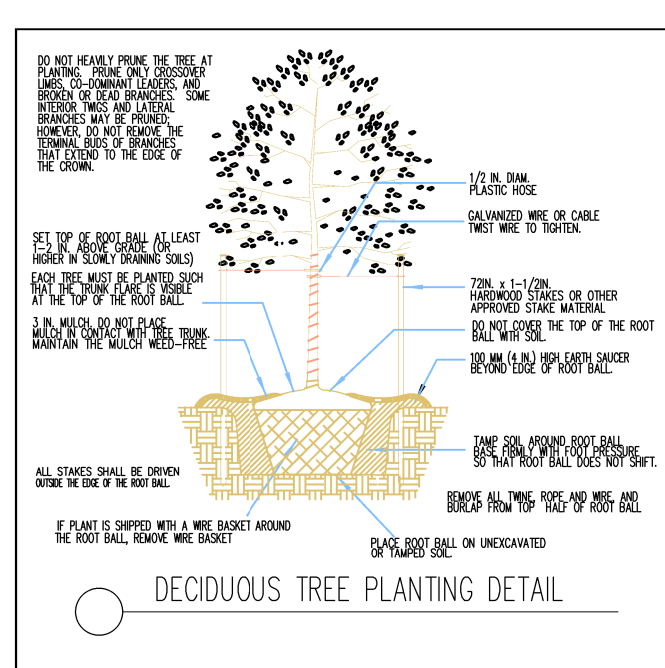
Planting schedule represents quantities for base bid only

Lawn: Seed with 50:50 Blend Kentucky Bluegrass & Perennial Ryegrass at rate of 5#/1000 sq ft. Seed areas installed on 4" minimum fertile topsoil. Loosen subgrade to minimum of 4", remove stones, sticks, grasses and other extraneous materials. Fertilize using commercial grade starter fertilizer, non phosphorous at 5# per 1000 sf. Straw mulch, clean midew and seed free, salt marsh hay or threshed straw of wheat, rye or oats. Erosion mat per erosion control plan. Plant during non-freezing weather.

Maintenance Period: Maintenance period will last for a period of 60 days from substantial completion date. Provide all maintenance services at minimum, watering, fertilizing, weeding, pesticide/pathogen treatments, and eroded areas and reseed to produce uniform smooth turf. Only remove erosion control mat if mat too high. Contractor shall also include maintenance, single and periodic documentation of activities to Corps of activities.

All contractors shall verify the location of private utilities prior to start of work.
Contact Diggers Hotline 5 days prior to start of construction.

Planting Beds: Remove stones, sticks, construction debris and other extraneous materials from planting area.
Install 12" of 3:2 ratio of pulverized topsoil and organic matter and rototill into subsoil at depth of 6-8"
Rake smooth and assure positive pitch.
Install Shredded Hardwood Mulch at rate of 3" depth.
Edge with Natural Cut Shovel Bed Edge.

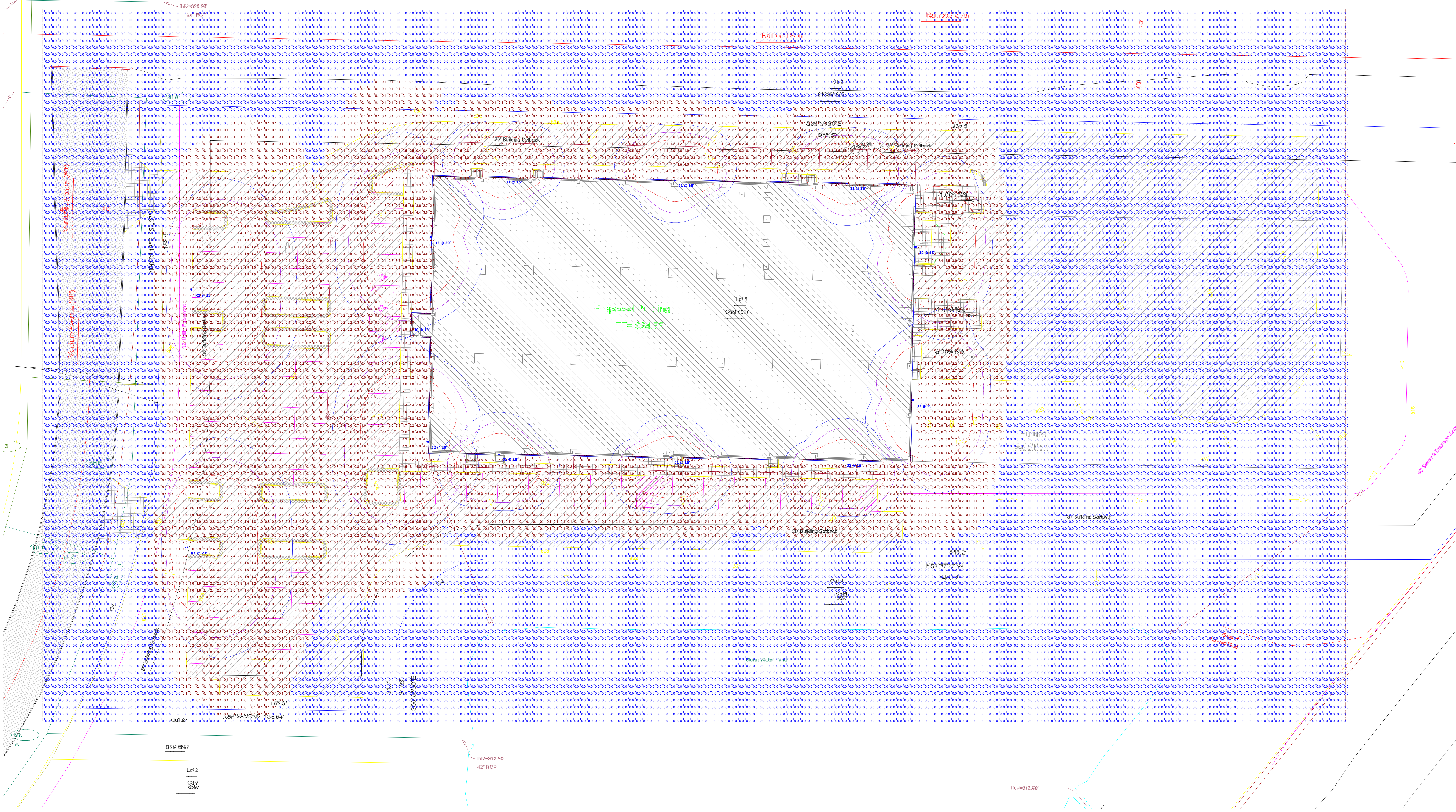


SHEET INDEX:

Sheet
Site Plan
Topographic Survey
Drainage and Grading Plan
Erosion & Sediment Control Plan
Utility Plan
Construction Details
Erosion & Sediment Control Details
Landscape Plan

Page

C1.0
C1.1
C1.2
C1.3
C1.4
C2.1
C2.2
L1.0



Schedule												
Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	Intensity Multiplier	LLF	Input Power	Polar Plot
	J0		1	Lithonia Lighting	WPX0 LED ALO SWW2 MVOCT	WPX0 LED, 850-1,650 Adjustable Lumen Output (1,650 Default), Switchable CCT (4000K Default), 120-277V	1	1645	0.52	0.9	6.4	 Max: 752cd
	J1		6	Lithonia Lighting	WPX2 LED 30K Mvoit	WPX2 LED waipack 6000lm 3000K color temperature 120-277 Volt	1	5896	1	0.9	47.77	 Max: 2516cd
	J2		4	Lithonia Lighting	ESX1 LED P2 30K R3	ESX LED Area Luminaire Size 1 P2 Lumen Package 3000K CCT Type R3 Distribution	1	13917	1	0.9	97.59	 Max: 7940cd
	R1		2	Lithonia Lighting	ESX1 LED P2 30K R3 HS	ESX Area Luminaire Size 1 P2 Lumen Package 3000K CCT Type R3 Distribution with House-side shield	1	11398	1	0.9	97.5852	 Max: 7603cd

Note:
1. All outdoor lighting complies with zoning ordinance 15-95 for light trespass, dark sky compliance, light colors, and fixture heights.

PROJECT FOR :

MASSMAN CORPORATE INC.

(AS SUCCESSOR BY MERGER TO EDL MASSMAN, LLC)

DEPERE, WISCONSIN

PROJECT LOCATION

PROJECT DIRECTORY

PROJECT INFORMATION

SHEET INDEX



CONTRACTOR: SMET CONSTRUCTION
CULLEN SMET
2080 PROFIT PLACE
DE PERE, WI 54115
(920) 532-3828

ARCHITECTURAL : ONPOINT ENGINEERING AND DESIGN
DEVIN OEHLDRICH, PE
1748 BRIDGE PORT CIR
DE PERE, WI 54115
(920) 676-1368

STRUCTURAL : ONPOINT ENGINEERING AND DESIGN
DEVIN OEHLDRICH, PE
1748 BRIDGE PORT CIR
DE PERE, WI 54115
(920) 676-1368

CIVIL : DAVEL ENGINEERING & ENVIORNMENTAL
JOHN DAVEL, PE
1164 POVINCE TERRACE
MENASHA, WI 54952
(920) 560-6563

MECHANICAL : DESIGN BUILD

ELECTRICAL : DESIGN BUILD

PLUMBING : DESIGN BUILD

FIRE PROTECTION : DESIGN BUILD

OWNER INFORMATION:
SMET PROPERTIES LLC
1428 FOX RIVER DRIVE
DE PERE, WISCONSIN 54115
CONTACT: SCOTT SMET
DIS NO:

PROJECT LOCATION:
ADDRESS
DE PERE, WI 54115
CITY OF DE PERE
BROWN COUNTY

BUILDING AREA:
FIRST FLOOR
OCCUPANCY F-2 AREAS 36,103 SQ. FT
OCCUPANCY B AREAS 8,792 SQ. FT
MEZZANINE
OCCUPANCY S-2 AREAS 660 SQ. FT

TOTAL BUILDING AREA: 45,555 SQ. FT

NUMBER	SHEET NAME / DESCRIPTION	LATEST SHEET REVISION		
		DATE	ISSUED BY	NUMBER
1 TITLE				
T1.0	TITLE SHEET	04.29.24	LJP	D
2 GENERAL				
G1.0	PLAN NOTES			
G1.1	PLAN NOTES			
G1.2	CODE DATA			
G1.3	CODE DATA			
3 CIVIL				
C1.0	SITE PLAN			
C1.1	TOPOGRAPHIC SURVEY			
C1.2	DRAINAGE & GRADING PLAN			
C1.3	EROSION & SEDIMENT CONTROL PLAN			
C1.4	UTILITY PLAN			
C2.1	CONSTRUCTION DETAILS			
C2.2	SEWER & WATER DETAILS			
C2.3	EROSION & SEDIMENT CONTROL DETAILS			
4 ARCHITECTURAL				
A0.1	WALL / ROOF TYPES	04.29.24	LJP	D
A1.0	FLOOR PLAN - PROPOSED			
A1.1	FLOOR PLAN - ENLARGED PLANS			
A1.2	FLOOR PLAN - OFFICE AREA DIMENSION PLAN			
A1.3	ROOF PLAN - PROPOSED	04.29.24	LJP	D
A2.0	ELEVATION - EXTERIOR	04.29.24	LJP	D
A3.0	SECTIONS - BUILDING			
A3.1	SECTIONS - BUILDING	04.29.24	LJP	D
A3.2	SECTIONS - BUILDING	04.10.24	LJP	B
A6.0	SCHEDULES - DOOR / WINDOW			
A6.1	ROOM FINISH PLAN - OVERALL			
A6.2	ROOM FINISH PLAN - OFFICE AREA	03.14.24	LJP	A
A6.3	REFLECTED CEILING PLAN - PROPOSED			
5 STRUCTURAL				
S0.1	STRUCTURAL DESIGN CRITERIA			
S1.0	FOUNDATION PLAN - OVERALL	04.29.24	LJP	D
S1.1	SLAB PLAN - OVERALL			
S1.2	ANCHOR BOLT PLAN			
S1.3	ANCHOR BOLT DETAILS			
S2.0	FOUNDATION SCHEDULES & DETAILS	04.29.24	LJP	D
S2.1	FOUNDATION DETAILS			
S2.2	FOUNDATION DETAILS			
S3.0	FRAMING PLANS - VESTIBULE / SHOP REST.			
S3.1	FRAMING PLAN - STANDALONE MEZZANINE			
S4.0	STRUCT. METAL STUD SCHEDULES & DETAILS			

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REVIEWS	A	B	C	D			
	03.14.24	FINISHES	ENTRY EXTERIOR FINISH	EXTERIOR COLORS	R-VALUES / RTU'S		

PROJECT INFO:

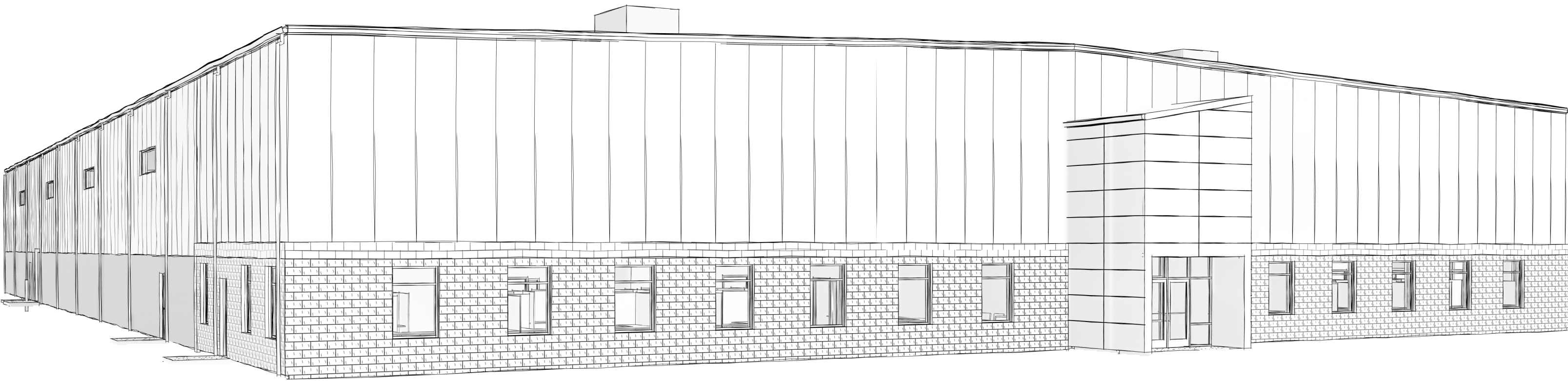
MASSMAN
CORPORATE INC.

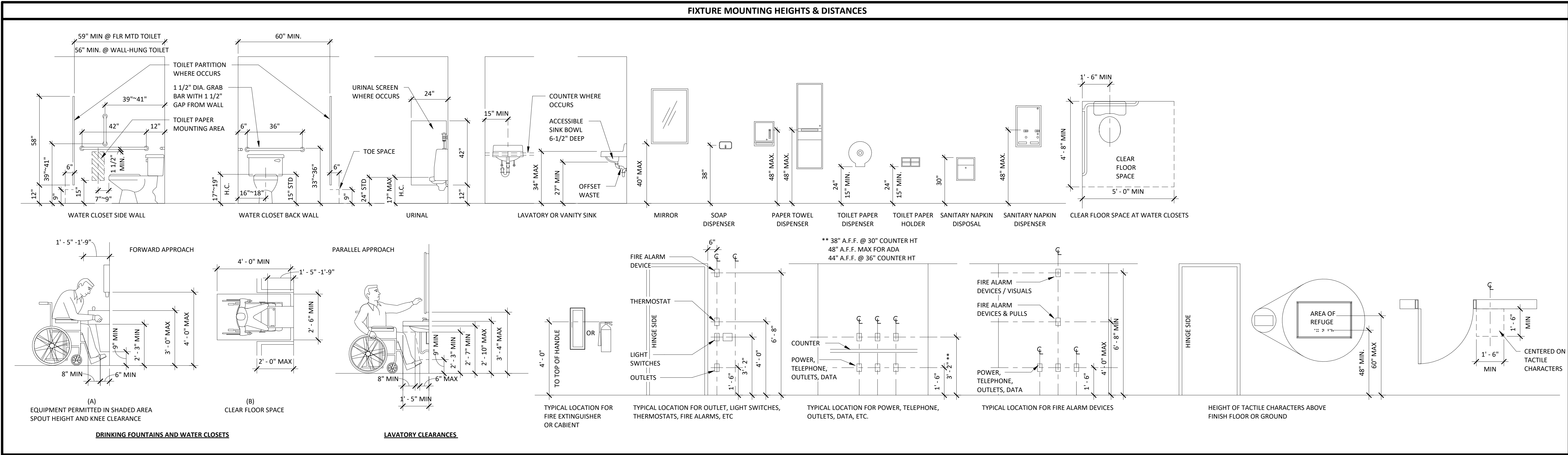
TITLE SHEET

DRAWN BY: LP / DO	SALES:
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ARCHT. NO.:	

DATE: 4/30/2024 7:52:12 AM

SCALE:





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REVISIONS	

PROJECT INFO:

MASSMAN CORPORATE INC.

PLAN NOTES

DRAWN BY: Author

SMET NO.: 22106

ARCHT. NO.:

SALES:

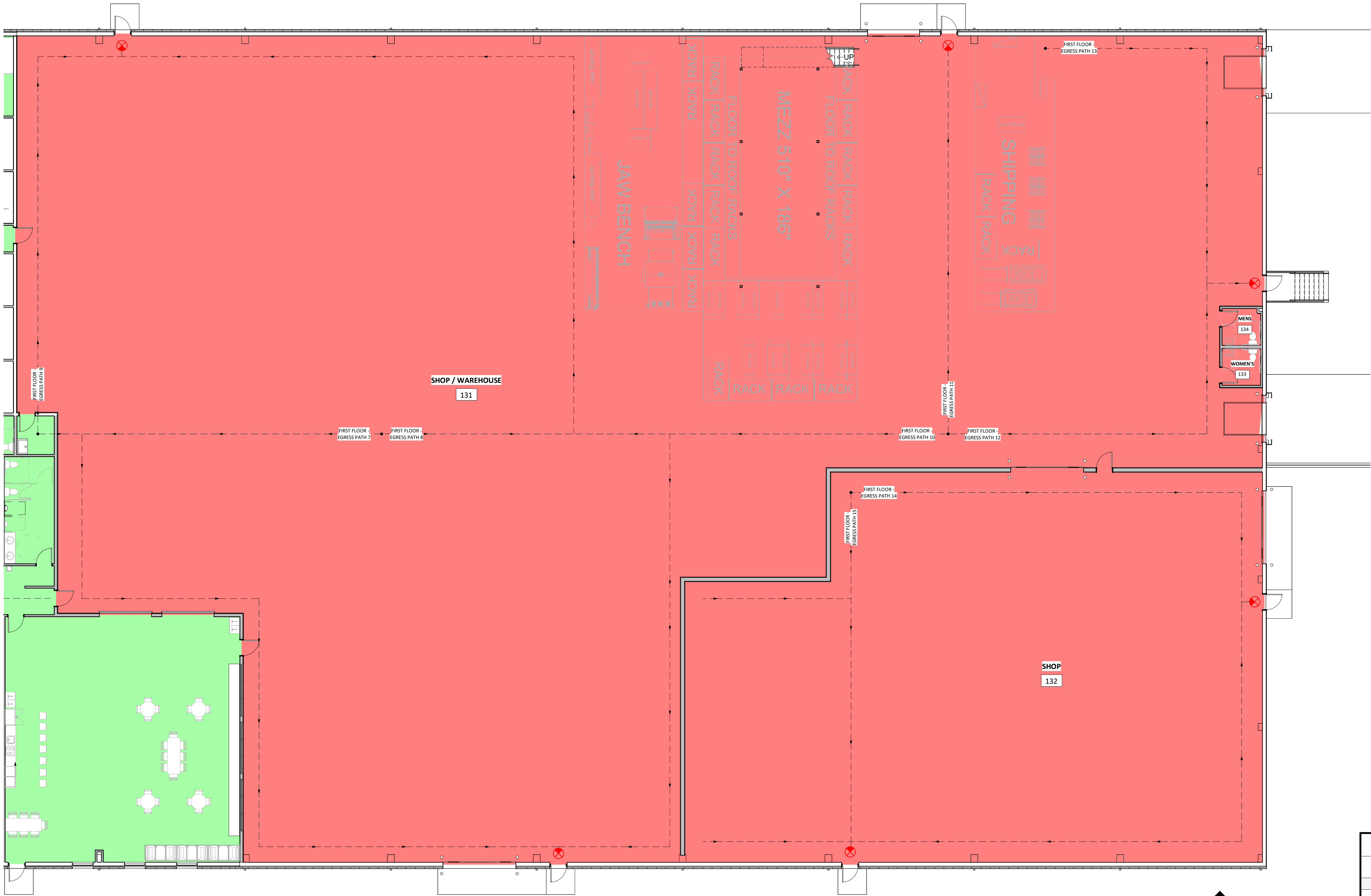
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DATE: 4/30/2024 7:52:12 AM

SCALE: 3/8" = 1'-0"



SCALE: As indicated



CODE DATA - SHOP

1 / G1.3 SCALE = 3/32" = 1'-0"



CODE DATA PLAN KEY	
	EXIT
	ELEVATOR
F.E.	FIRE EXTINGUISHER
	1-HR FIRE BARRIER/WALL
	2-HR FIRE BARRIER/WALL
	3-HR FIRE BARRIER/WALL

OCCUPANCY CLASSIFICATION	
	F-2, LOW-HAZARD FACTORY INDUSTRIAL
	B, BUSINESS

EGRESS PATH SCHEDULE			
MARK	TRAVEL DISTANCE	CLEAR WIDTH	COMMENTS
FIRST FLOOR - EGRESS PATH 1	49'		
FIRST FLOOR - EGRESS PATH 2	90'		
FIRST FLOOR - EGRESS PATH 3	63'		
FIRST FLOOR - EGRESS PATH 4	70'		
FIRST FLOOR - EGRESS PATH 5	77'		
FIRST FLOOR - EGRESS PATH 6	170'		
FIRST FLOOR - EGRESS PATH 7	233'		
FIRST FLOOR - EGRESS PATH 8	208'		
FIRST FLOOR - EGRESS PATH 9	94'		
FIRST FLOOR - EGRESS PATH 10	159'		
FIRST FLOOR - EGRESS PATH 11	78'		
FIRST FLOOR - EGRESS PATH 12	91'		
FIRST FLOOR - EGRESS PATH 13	88'		
FIRST FLOOR - EGRESS PATH 14	103'		
FIRST FLOOR - EGRESS PATH 15	73'		

FIRST FLOOR OCCUPANCY F-2					
ROOM NUMBER	ROOM NAME	AREA	FUNCTION OF SPACE	OCC. FACTOR	CAPACITY
131	SHOP / WAREHOUSE	27549 SF	WAREHOUSE	500 SF	55
132	SHOP	7718 SF	WAREHOUSE	500 SF	15
133	WOMEN'S	52 SF	RESTROOM	0 SF	
134	MENS	52 SF	RESTROOM	0 SF	
35370 SF					71



OUR REPUTATION IS BUILDING

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EMAIL: INFO@SMET.COM

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DESIGN. BUILD. FINANCE.

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PROJECT INFO:

MASSMAN
CORPORATE INC.

CODE DATA

DRAWN BY:
Author

SALES:

SMET NO.:
22106

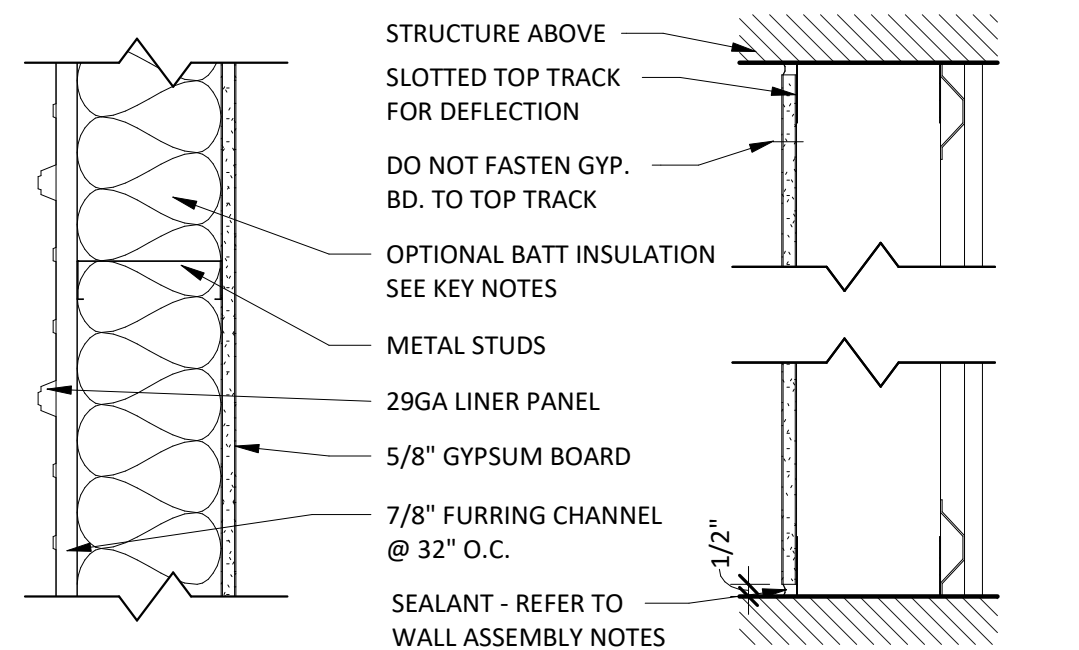
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ARCHT. NO.:

G1.3

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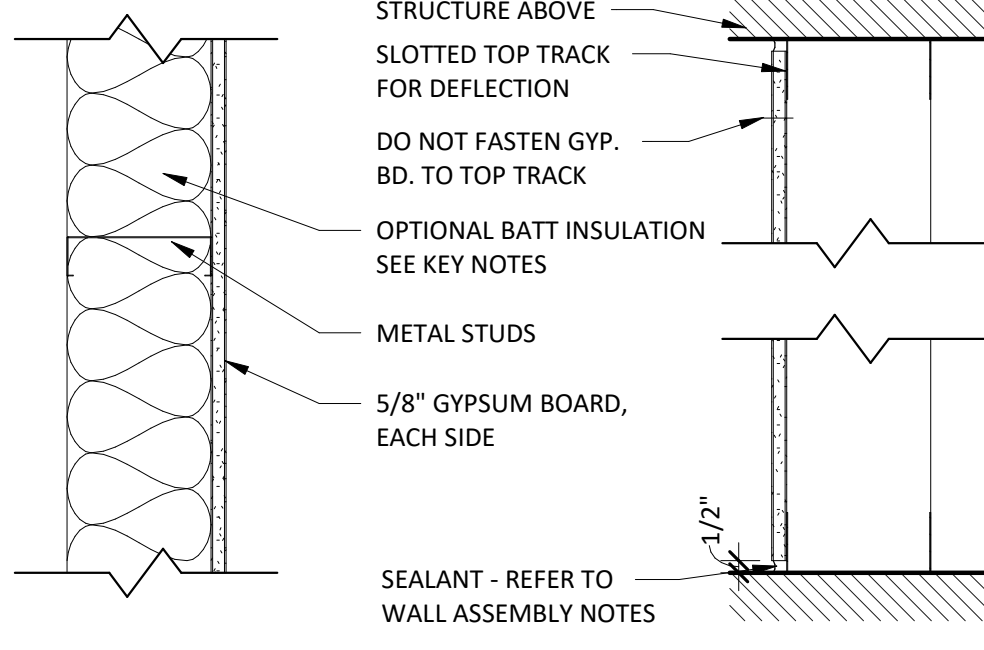
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WALL TYPE	STUD DESIGNATION	SPACING		KEY NOTES
D.1	358S162-30	16" O.C.		1,2,3
D.2	600S162-54	16" O.C.		1,2,3

WALL TYPE D - (METAL STUD PARTITION)

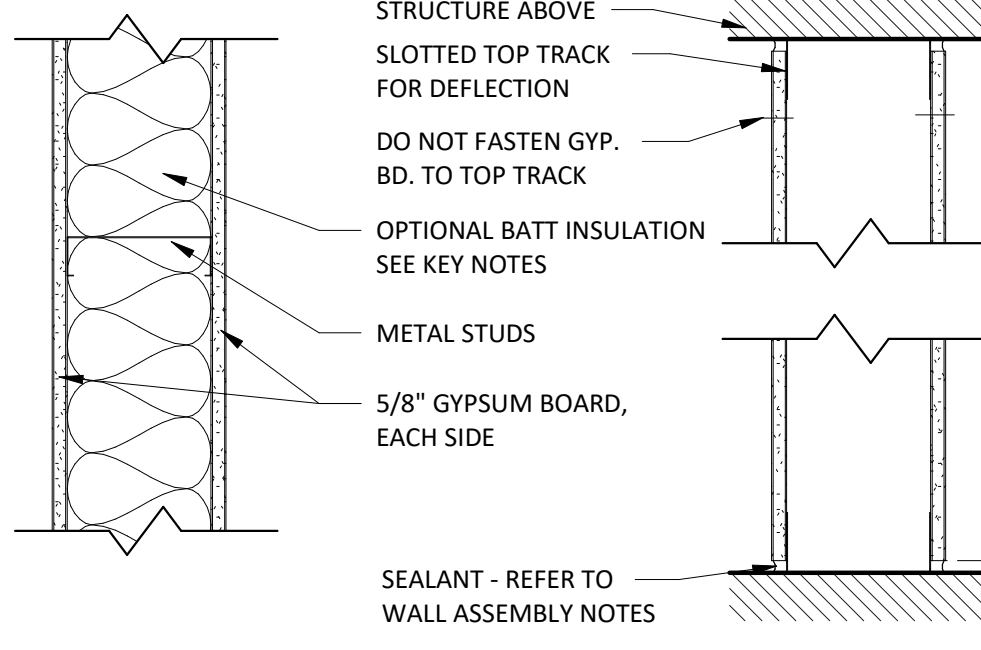
4 /A0.1 SCALE = 1 1/2" = 1'-0"



WALL TYPE	STUD DESIGNATION	SPACING	MAX HEIGHT (5PSF, L/240)	KEY NOTES
C.1	150S162-30	16" O.C.	10' - 0"	1,2,3
C.2	362S162-30	16" O.C.	15' - 0"	1,2,3
C.3	600S162-30	16" O.C.	23' - 0"	1,2,3

WALL TYPE C - (METAL STUD PARTITION)

3 /A0.1 SCALE = 1 1/2" = 1'-0"



WALL TYPE	STUD DESIGNATION	SPACING	MAX HEIGHT (5PSF, L/240)	KEY NOTES
B.1	150S162-30	16" O.C.	10' - 0"	1,2,3
B.2	362S162-30	16" O.C.	15' - 0"	1,2,3
B.3	600S162-30	16" O.C.	23' - 0"	1,2,3

WALL TYPE B - (METAL STUD PARTITION)

2 /A0.1 SCALE = 1 1/2" = 1'-0"

- WALL ASSEMBLY KEY NOTES
1.

INCLUDE FIBERGLASS SOUND INSULATION
2.

INCLUDE PAINTABLE ACOUSTIC SEALANT AT WALL BASE AND TOP TERMINATIONS, TYPICAL BOTH SIDES OF WALL (WHERE APPLICABLE).
3.

PROVIDE 1" GAP FOR DEFLECTION ALLOWANCE BETWEEN WALL FINISH/SUBSTRATE AND STRUCTURE ABOVE. TYPICAL UNLESS NOTED OTHERWISE ON CONSTRUCTION DOCUMENTS.

- GENERAL WALL ASSEMBLY NOTES
- A.

LIGHT GAUGE STEEL FRAMING MEMBER DESIGNATION SYSTEM:

362S162-30
MINIMUM BASE METAL THICKNESS IN MILS. (EXAMPLE - .030 = 30 MILS)
30 = 20 GAUGE DRYWALL
33 = 20 GAUGE
43 = 18 GAUGE
54 = 16 GAUGE
68 = 14 GAUGE
97 = 12 GAUGE

FLANGE WIDTH (1/100 INCHES) (EXAMPLE - 162 = 1.625")
STYLE: S = STUD OR JOIST SECTION (WITH FLANGE STIFFENERS) =
T = TRACK SECTION =
U = CHANNEL SECTION (STUDS WITHOUT FLANGE STIFFENERS) =
F = FURRING CHANNEL =
Z = ZEE SECTION =

MEMBER DEPTH (1/100 INCHES) (EXAMPLE - 362 = 3-5/8")
- B.

IN ALL WET AREAS SUCH AS SHOWERS AND TUBS, INSTALL CEMENT - BASED BACKER BEHIND AREAS SCHEDULED TO RECEIVE TILE FINISH.
- C.

ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH, PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD.
- D.

ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.
- E.

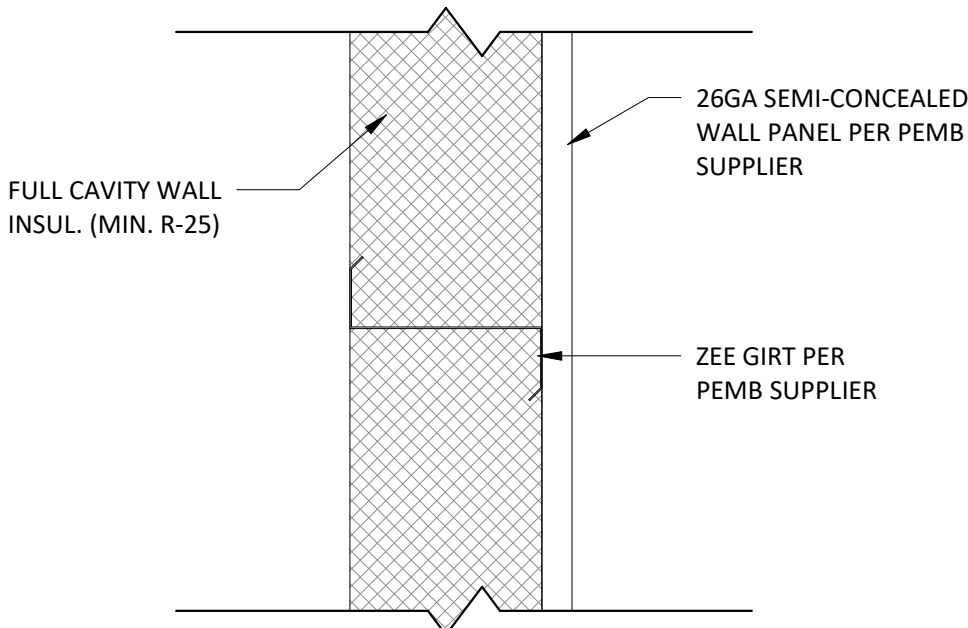
WHERE GYPSUM BOARD EXTENDS TO UNDERSIDE OF STRUCTURE ABOVE, STOP GYPSUM BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL AS REQUIRED.
- F.

REFERENCE FLOOR FINISH PLANS AND WALL FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.
- G.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF WALL PENETRATIONS. SEAL ALL OPENINGS WITH ACOUSTICAL SEALANT.
- H.

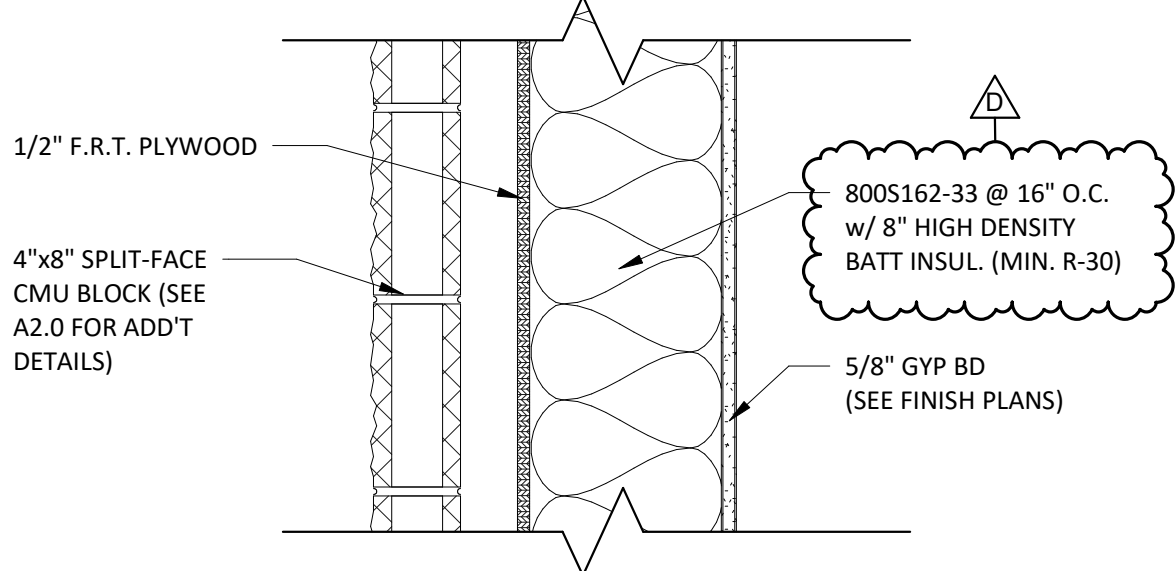
PROVIDE FIRE-TREATED WOOD OR STEEL BACKING FROM ALL WALL MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.
- I.

REFER TO STRUCTURAL DOCUMENTS FOR SHEAR WALL CRITERIA.



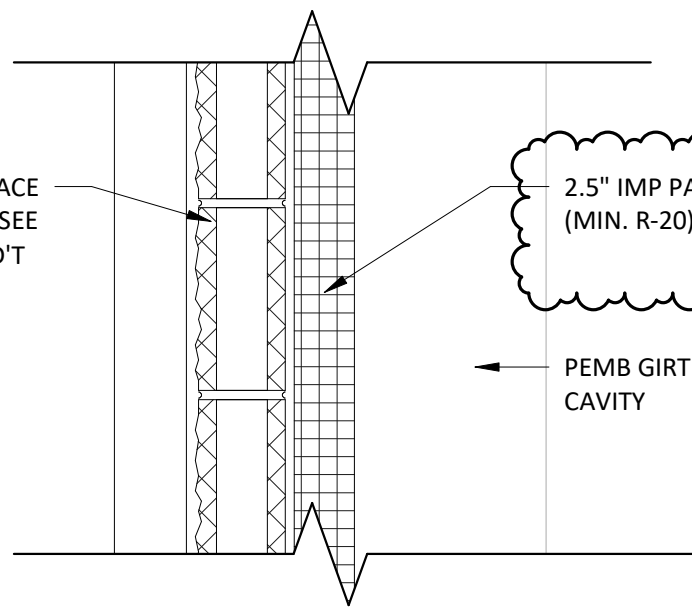
EXT. WALL - 4

8 /A0.1 SCALE = 1 1/2" = 1'-0"



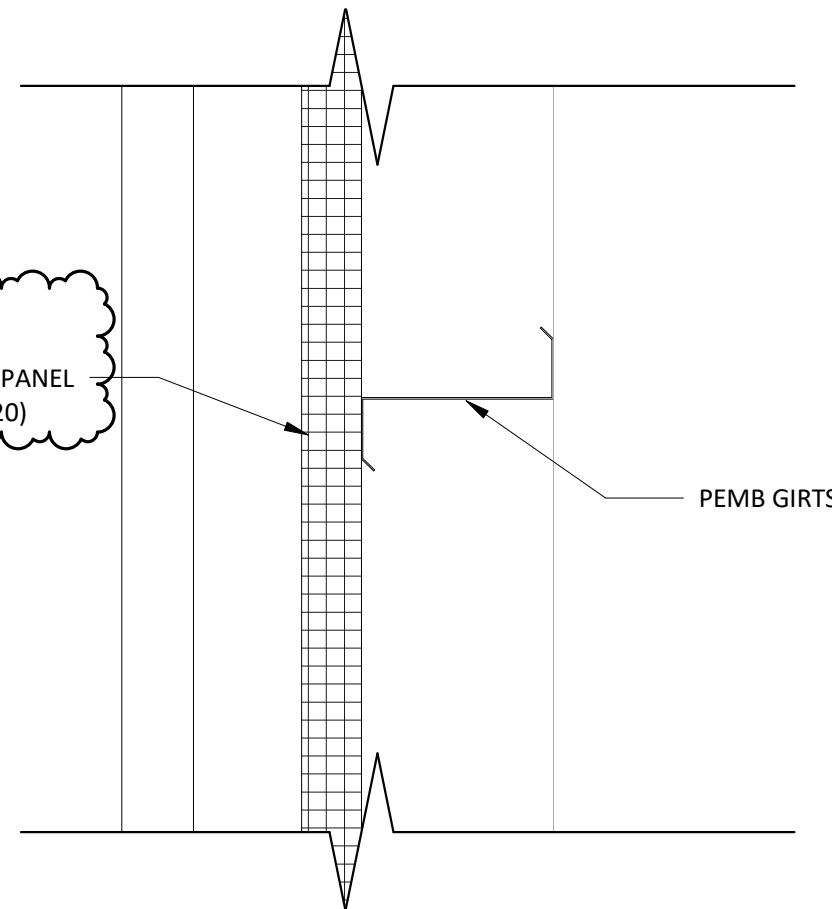
EXT. WALL - 3

7 /A0.1 SCALE = 1 1/2" = 1'-0"



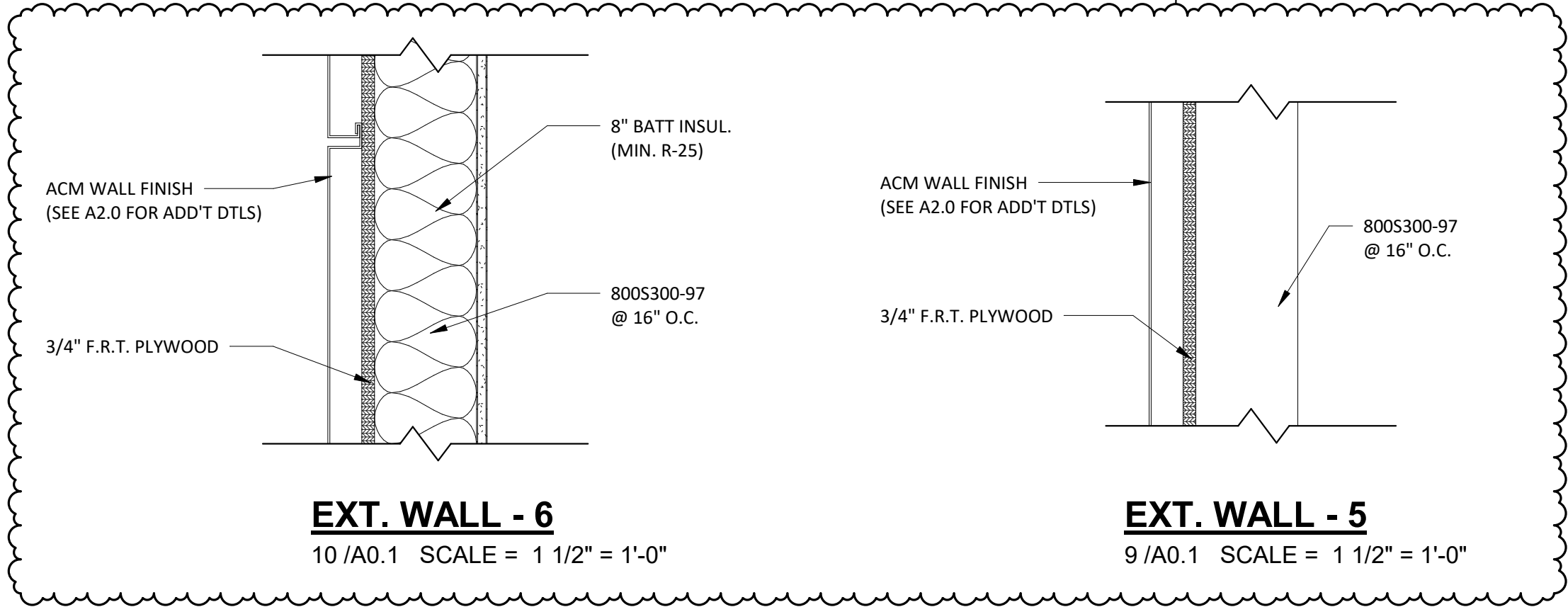
EXT. WALL - 2

6 /A0.1 SCALE = 1 1/2" = 1'-0"



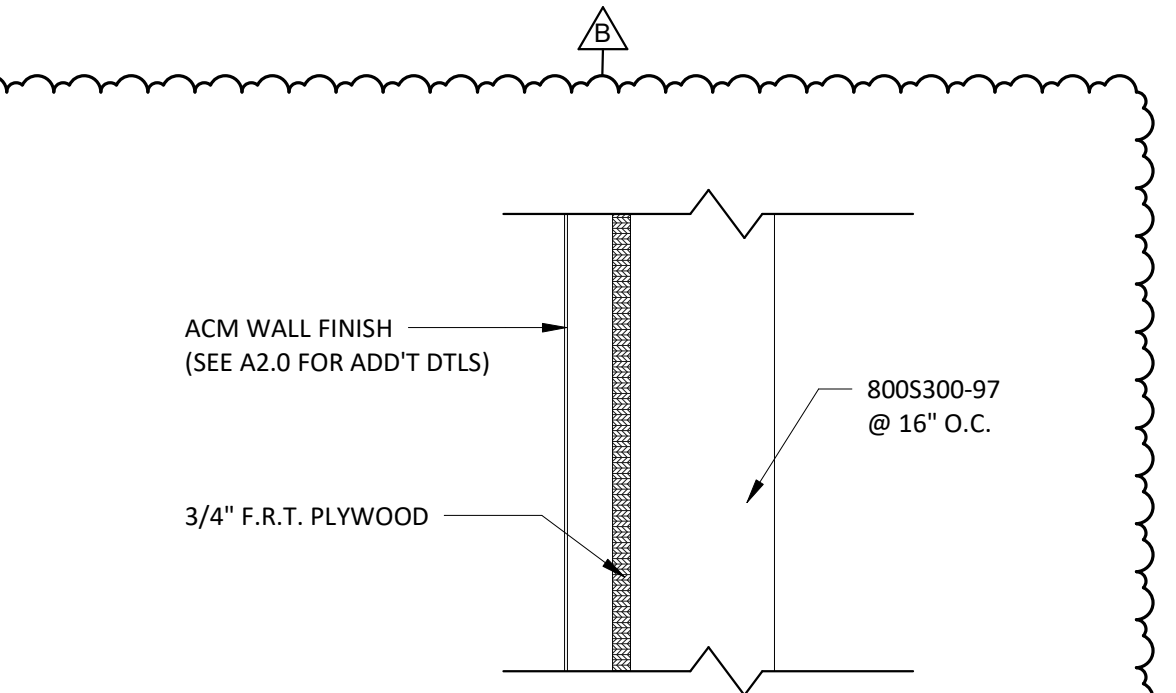
EXT. WALL - 1

5 /A0.1 SCALE = 1 1/2" = 1'-0"



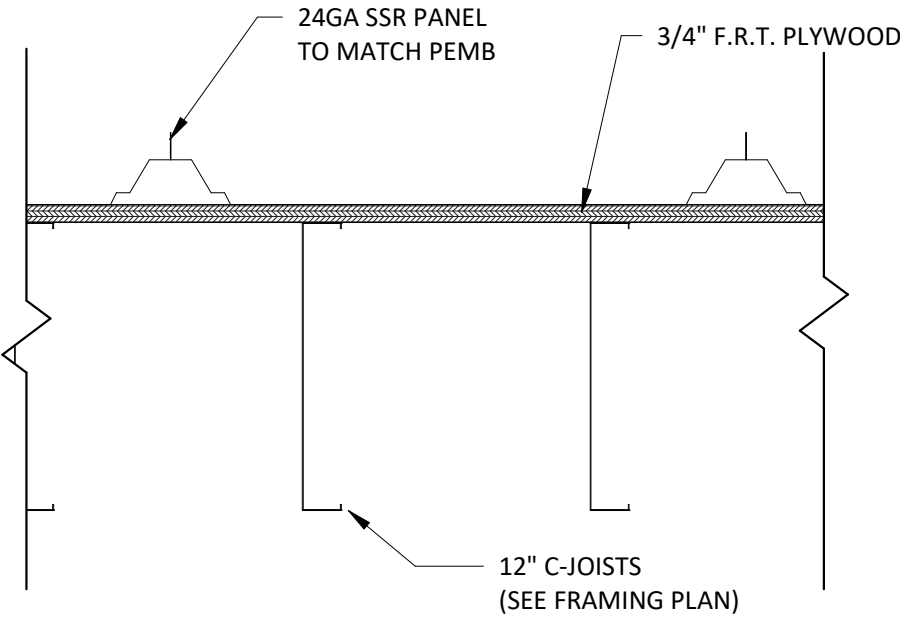
EXT. WALL - 6

10 /A0.1 SCALE = 1 1/2" = 1'-0"



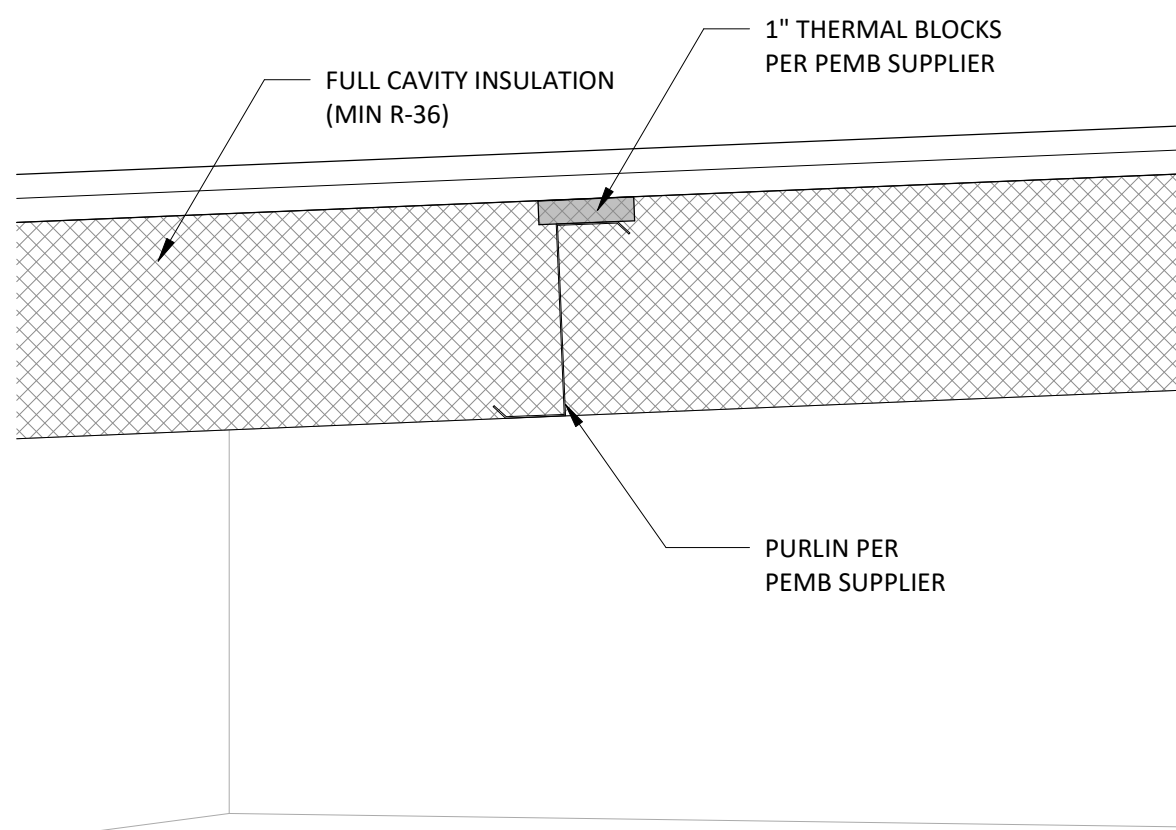
EXT. WALL - 5

9 /A0.1 SCALE = 1 1/2" = 1'-0"



ROOF - 2

12 /A0.1 SCALE = 1 1/2" = 1'-0"



ROOF - 1

11 /A0.1 SCALE = 1 1/2" = 1'-0"

OUR REPUTATION IS BUILDING

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DEPERE, WI 54115

PHONE: (920) 848-7878
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SMET CONSTRUCTION SERVICE CORP.
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REVISIONS	ENTRY EXTERIOR FINISH		R-VALUES / RTU'S						
	B	04-10-24	D	04-29-24					

PROJECT INFO:

MASSMAN
CORPORATE INC.

WALL / ROOF
TYPES

DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: A0.1
ARCHT. NO.:	

DATE: 4/30/2024 7:52:16 AM

SCALE: As indicated



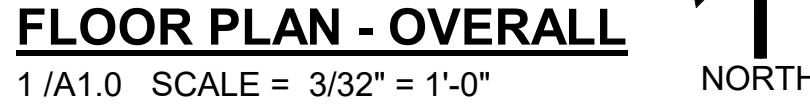
SMET
CONSTRUCTION SERVICES

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2000 RENTFELD PLACE
DURHAM, N.C. 27701

PHONE: (919) 332-3258
FAX: (919) 332-3259
EMAIL: BUILD@SMET.COM

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PROJECT INFO:		MASSMAN CORPORATE INC.		FLOOR PLAN - PROPOSED		COPYRIGHT NOTICE: THIS DRAWING IS THE PROPERTY OF C.S. SMET CONSTRUCTION CORP. AND IS SUPPLIED FOR THE SOLE PURPOSE OF COMMUNICATION OUR OFFER FOR YOUR EVALUATION AND CONSIDERATION. REPRODUCTION IN WHOLE OR IN PART, IS NOT PERMITTED WITHOUT THE EXPRESSED WRITTEN CONSENT OF C.S. SMET CONSTRUCTION CORP. WE RESERVE THE RIGHT, AT OUR SOLE DISCRETION TO REQUEST THERE RETURN, IN WHOLE UPON NOTICE. YOUR ACCEPTANCE OF POSSESSION OF THE PROPOSAL SIGNIFIES YOUR UNDERSTANDING AND ACCEPTANCE OF THIS CONDITION.			
DRAWN BY:								SALES:	
Author									
SMET NO.:		SHEET:							
22106		A1.0							
ARCHT. NO.:									
DATE:		4/30/2024 7:52:18 AM							
SCALE:		3/32" = 1'-0"							

1) ALL DIMENSION ARE FROM FACE OF STUD TO FACE OF STUD (U.N.O.)
2) SEE A0.1 & A1.2 FOR ALL WALL TYPES & LOCATIONS
3) ALL PLUMBING WALLS TO BE CONSTRUCTED OF 6" STUDS U.N.O.
4) SEE SHEETS A0.1, A2 & A3 FOR EXTERIOR WALL TYPES & MATERIALS

CORPORATE OFFICE
2080 PROFIT PLACE
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PHONE: (920) 532 3828
EMAIL: BUILD@SMET.COM

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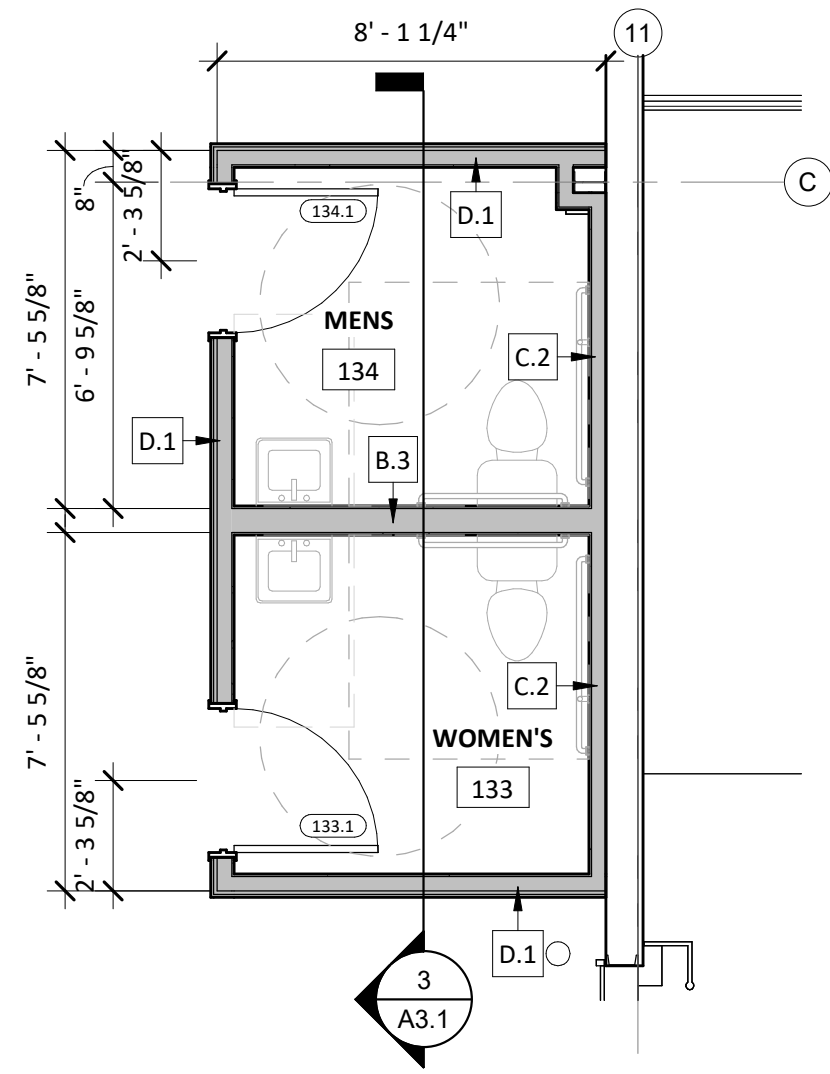
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[illegible]

FLOOR PLAN -
ENLARGED PLANS

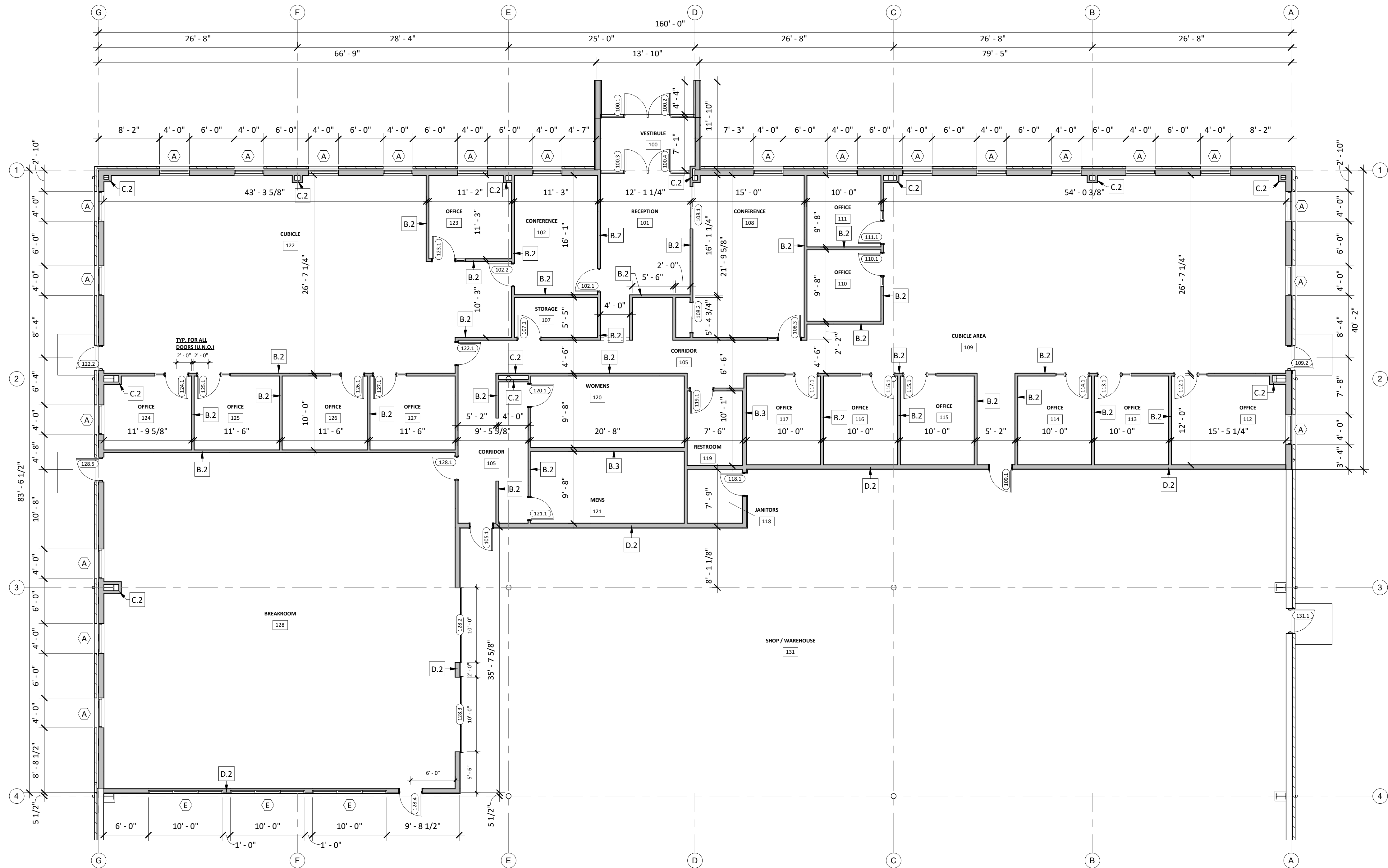
SHEET: A

SCALE: As indicated



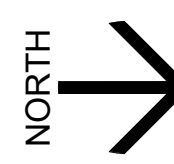
NORTH

NORTH



ARCHITECTURAL PLAN NOTES	
1) ALL DIMENSION ARE FROM FACE OF STUD TO FACE OF STUD (U.N.O.)	
2) SEE A0.1 & A1.2 FOR ALL WALL TYPES & LOCATIONS	
3) ALL PLUMBING WALLS TO BE CONSTRUCTED OF 6" STUDS U.N.O.	
4) SEE SHEETS A0.1, A2 & A3 FOR EXTERIOR WALL TYPES & MATERIALS	

FLOOR PLAN - OFFICE AREA DIMENSION PLAN
1/A1.2 SCALE = 1/8" = 1'-0"



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REVISIONS	

PROJECT INFO:

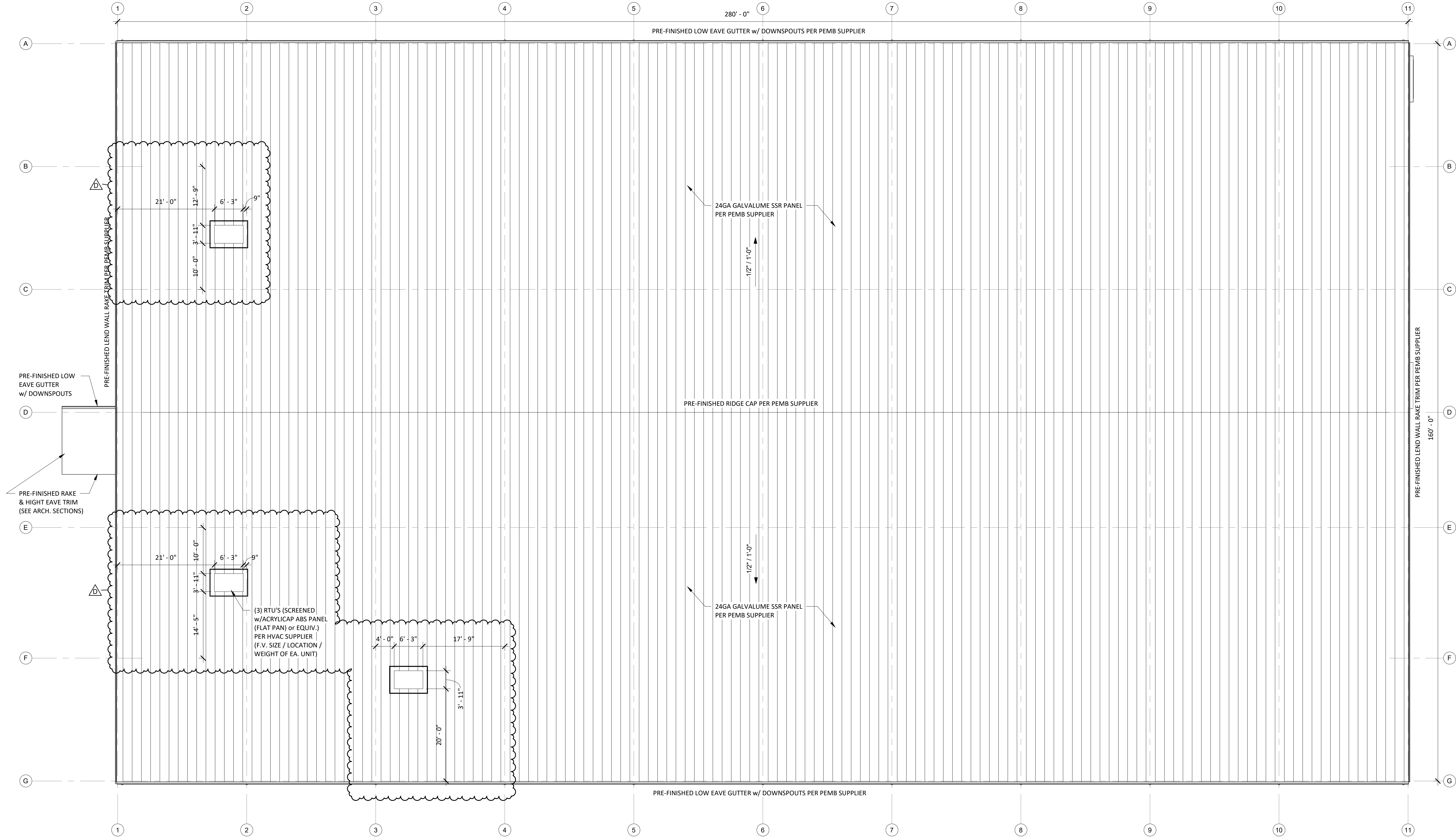
MASSMAN CORPORATE INC.

FLOOR PLAN - OFFICE AREA DIMENSION PLAN

DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: A1.2
ARCHT. NO.:	

DATE: 4/30/2024 7:52:20 AM

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



ROOF PLAN - OVERALL
1 / A1.3 SCALE = 3/32" = 1'-0"



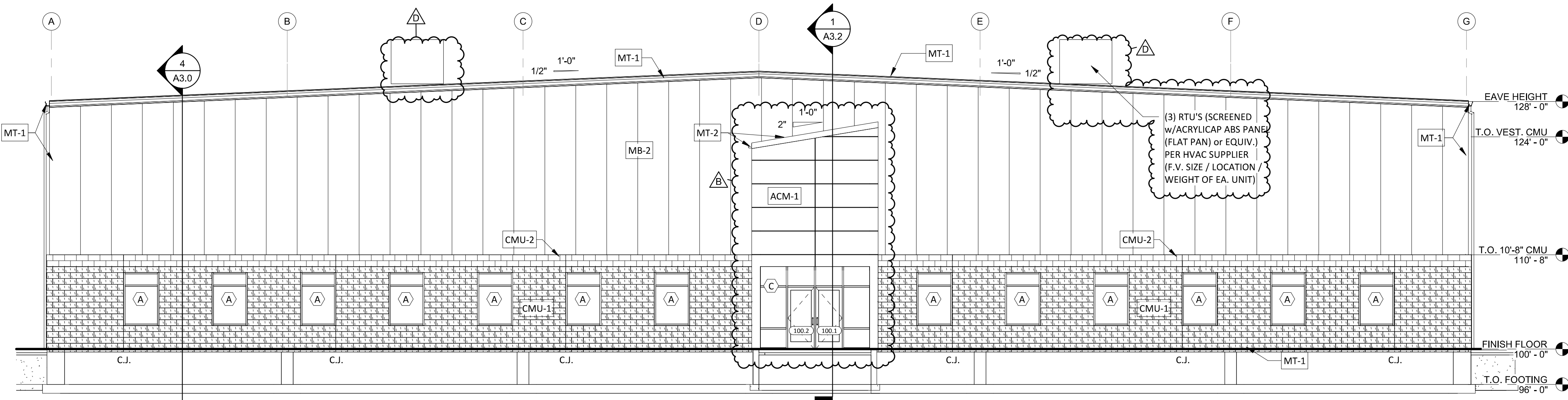
OUR REPUTATION IS BUILDING
CONSTRUCTION SERVICES
200 PROSPERITY PLACE
DEPERE, WI 54115
PHONE: (920) 545-1500
EMAIL: INFO@SMET.COM
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SMET CONSTRUCTION SERVICE CORP.
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REVISIONS	
D	R-VALUES / RTU'S
04.29.24	

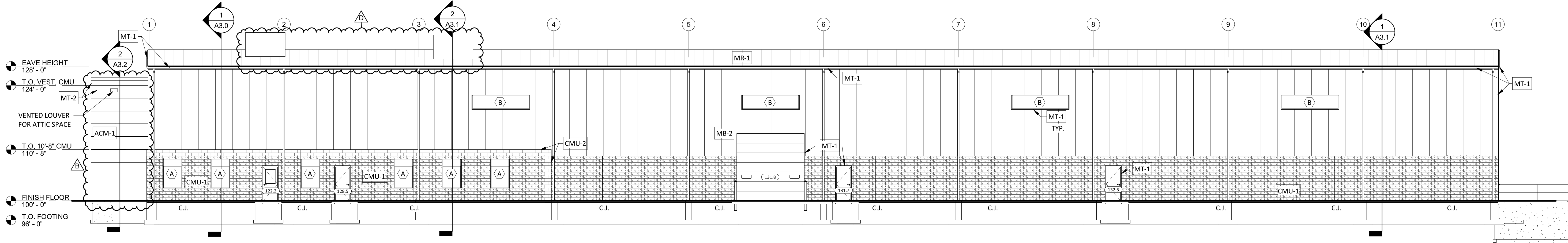
PROJECT INFO:
MASSMAN
CORPORATE INC.
ROOF PLAN -
PROPOSED

DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: A1.3
ARCHT. NO.:	
DATE: 4/30/2024 7:52:21 AM	
SCALE: 3/32" = 1'-0"	



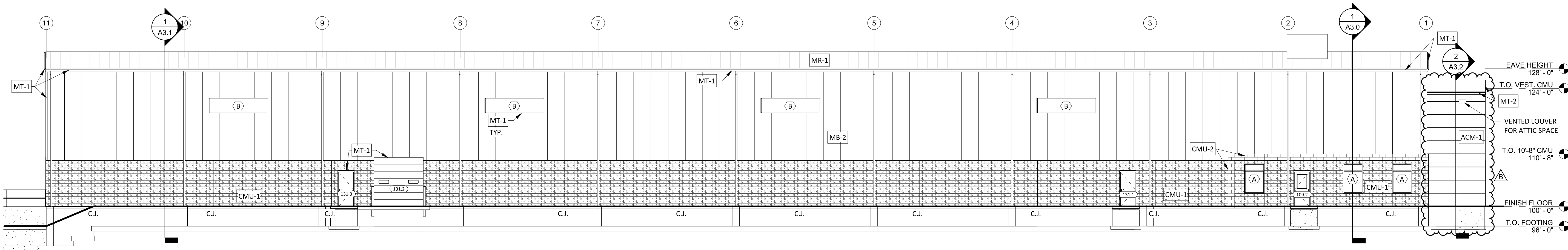
BUILDING ELEVATION - WEST

1 / A2.0 SCALE = 1/8" = 1'-0"



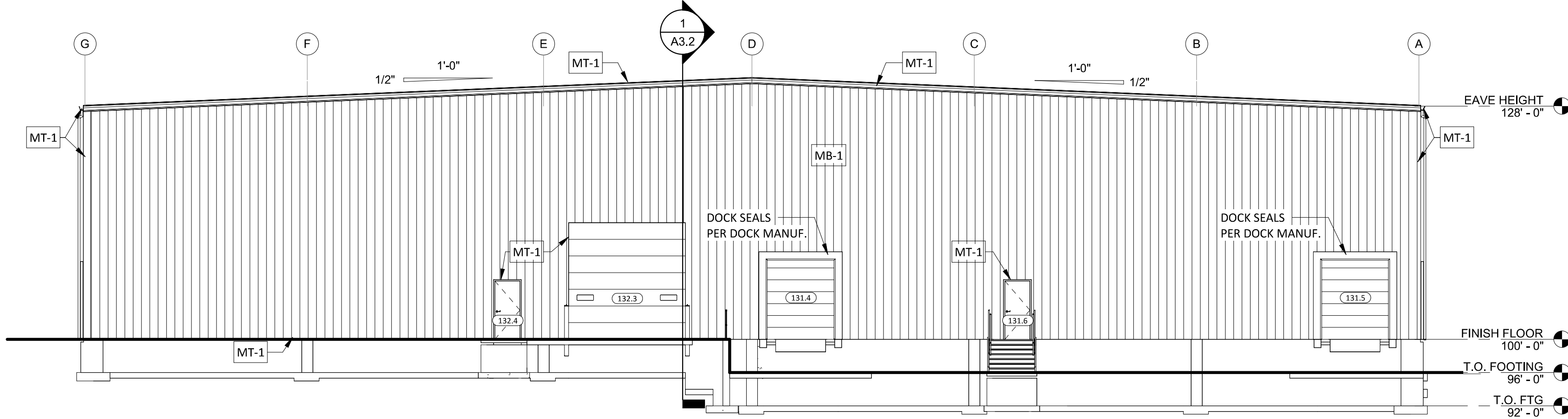
BUILDING ELEVATION - SOUTH

2 / A2.0 SCALE = 3/32" = 1'-0"



BUILDING ELEVATION - NORTH

3 / A2.0 SCALE = 3/32" = 1'-0"



BUILDING ELEVATION - EAST

4 / A2.0 SCALE = 3/32" = 1'-0"

EXTERIOR FINISH LEGEND					
LOCATION	MARK	MATERIAL	SUPPLIER	COLOR	REMARKS
WALL	ACM-1	ACM PANEL	CITADEL	GUN METAL	KYNAR 500 - MICAS
WALL	CMU-1	4" SPLIT-FACE CMU VENEER	COUNTY MATERIALS	BLACKENED ASH	18-064A
WALL	CMU-2	4" SMOOTH-FACE CMU VENEER	COUNTY MATERIALS	VERIFY	PAINTED
WALL	MB-1	26GA CONCEALED FASTENER PANEL	MBCI	CHARCOAL GRAY	SHADOW RIB
WALL	MB-2	2.5" 24GA INSULATED METAL PANEL	AWIP	GRIZZLE GRAY	FLAT (FL40)
ROOF	MR-1	24GA SSR PANEL	WHIRLWIND	GALVALUME	SUPER SEAM PLUS
TRIMS	MT-1	26GA METAL	WHIRLWIND	BLACK	
TRIMS	MT-2	26GA METAL	WHIRLWIND	BLACK	VESTIBULE AREA



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REVISIONS

NO.	DATE	DESCRIPTION
1	04.10.24	ENTRY EXTERIOR FINISH
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

PROJECT INFO:

MASSMAN
CORPORATE INC.

ELEVATION -
EXTERIOR

DRAWN BY:
Author

SALES:

SMET NO.:
22108

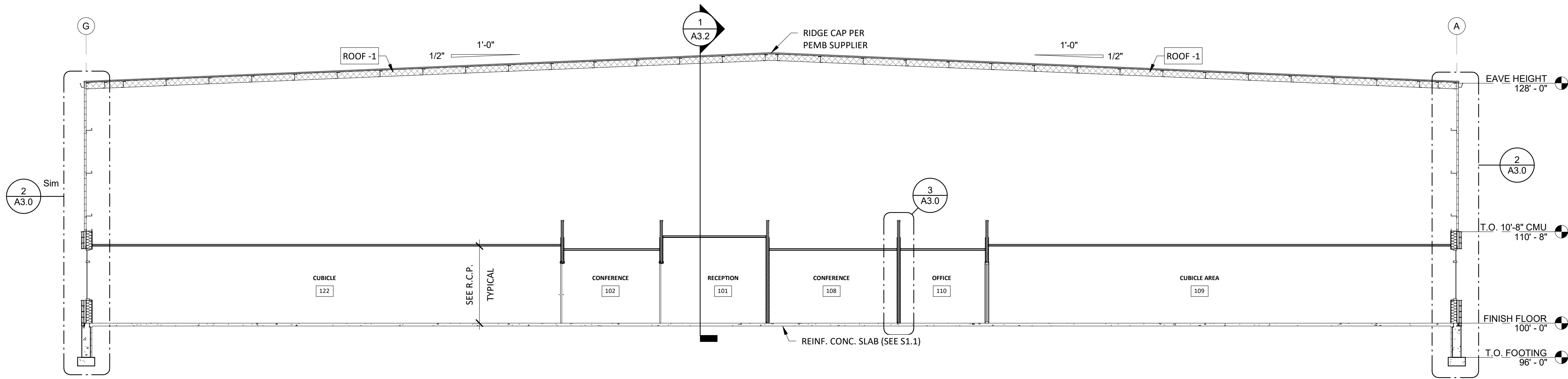
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ARCHT. NO.:

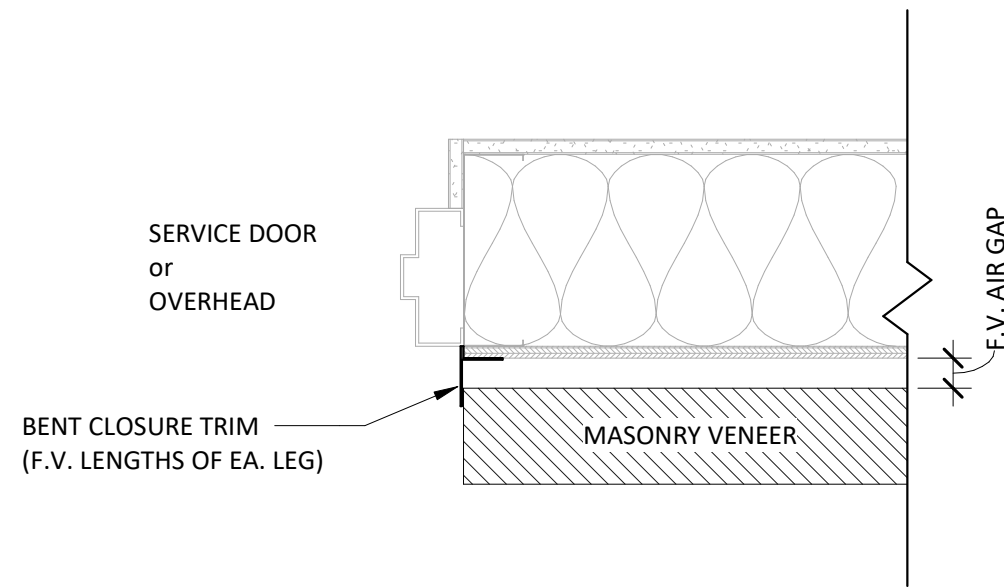
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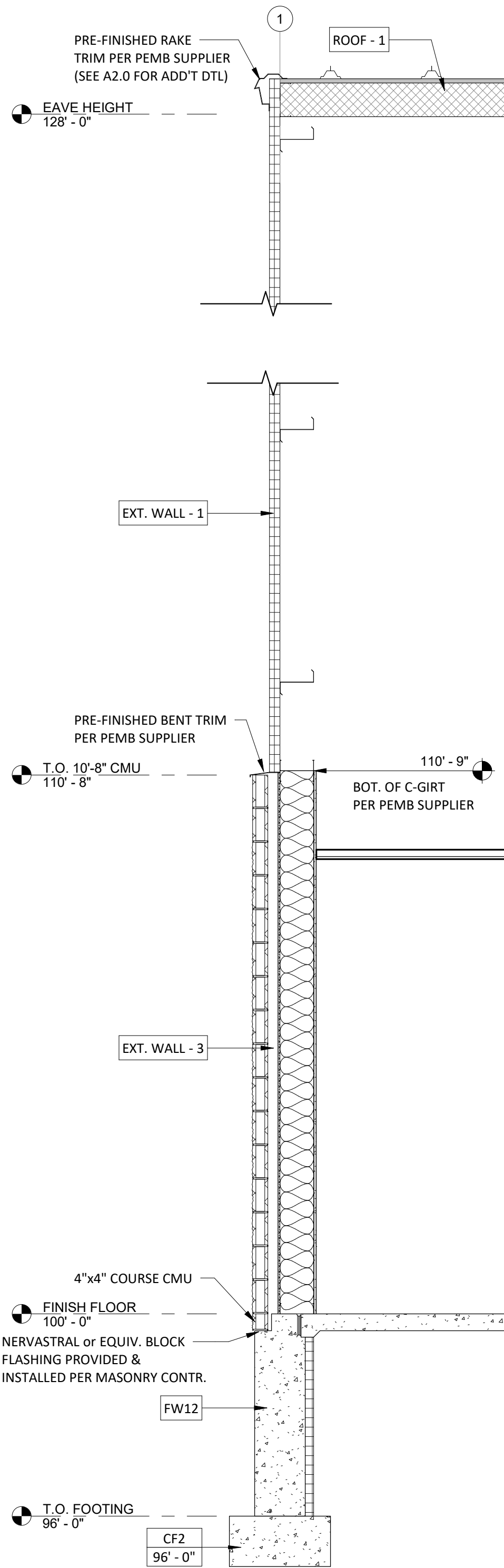
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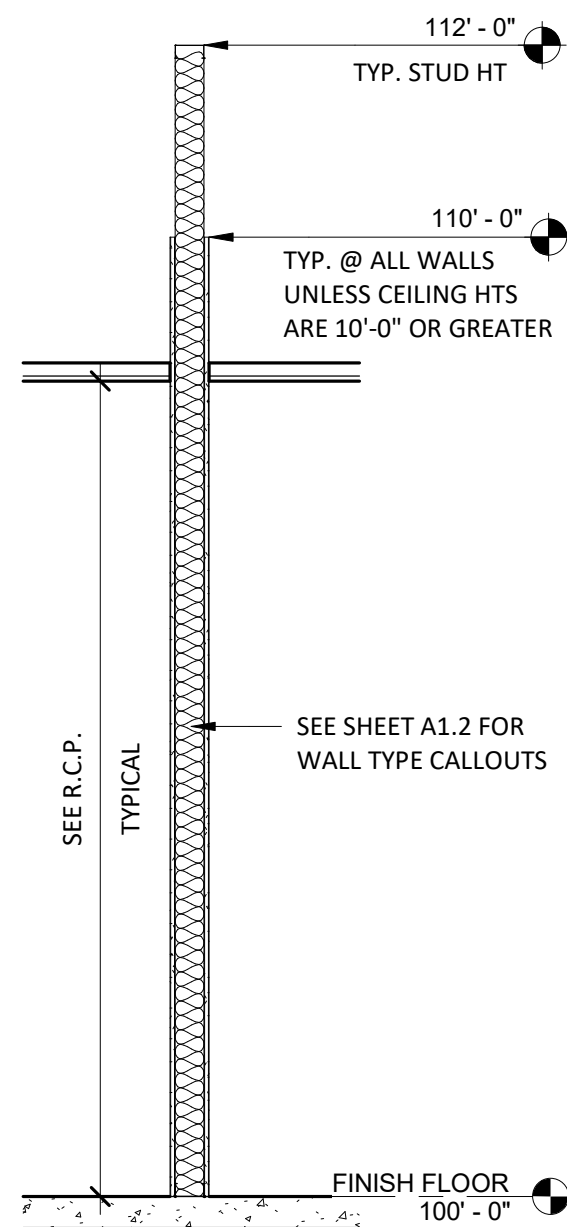
BUILDING SECTION - OFFICE AREA
1 / A3.0 SCALE = 1/8" = 1'-0"



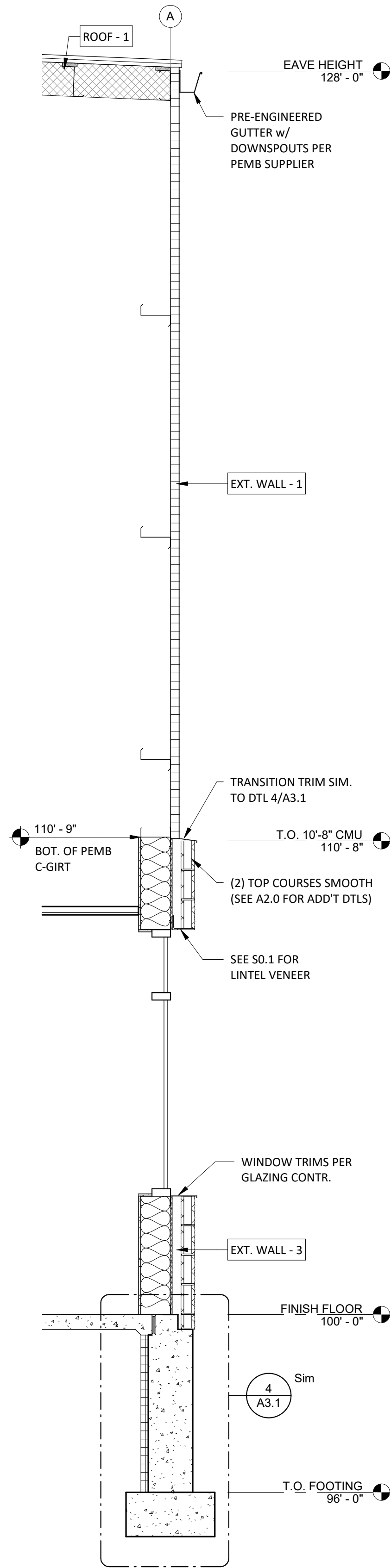
DOOR TRIM
5 / A3.0 SCALE = 1 1/2" = 1'-0"



WALL SECTION - FRONT ENDWALL
4 / A3.0 SCALE = 1/2" = 1'-0"



WALL SECTION - TYP. INTERIOR WALL
3 / A3.0 SCALE = 1/2" = 1'-0"



WALL SECTION - EXTERIOR OFFICE AREA
2 / A3.0 SCALE = 1/2" = 1'-0"



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REVISIONS

PROJECT INFO:

MASSMAN
CORPORATE INC.

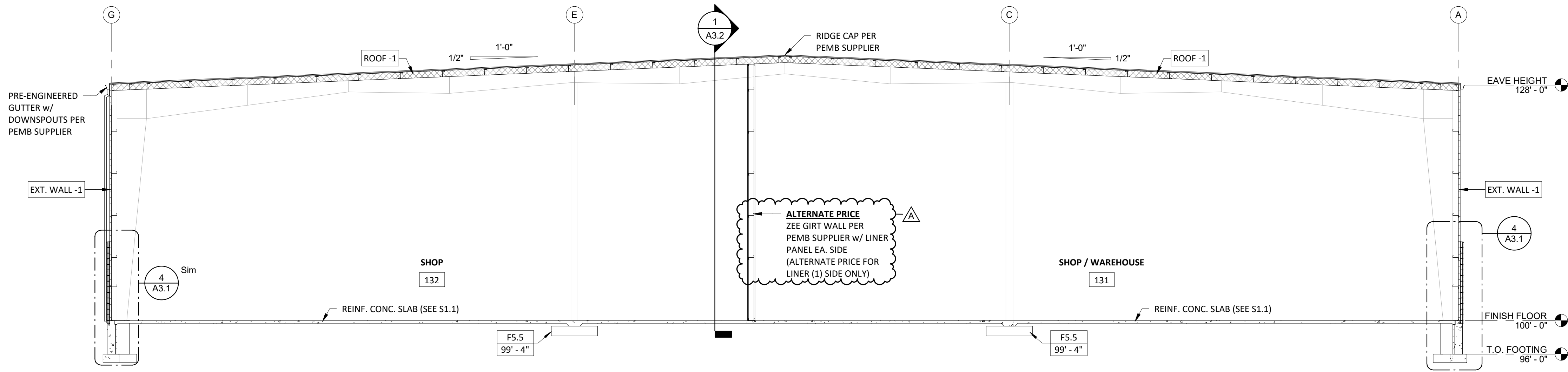
SECTIONS -
BUILDING

DRAWN BY:
Author
SMET NO.:
22106
ARCHT. NO.:

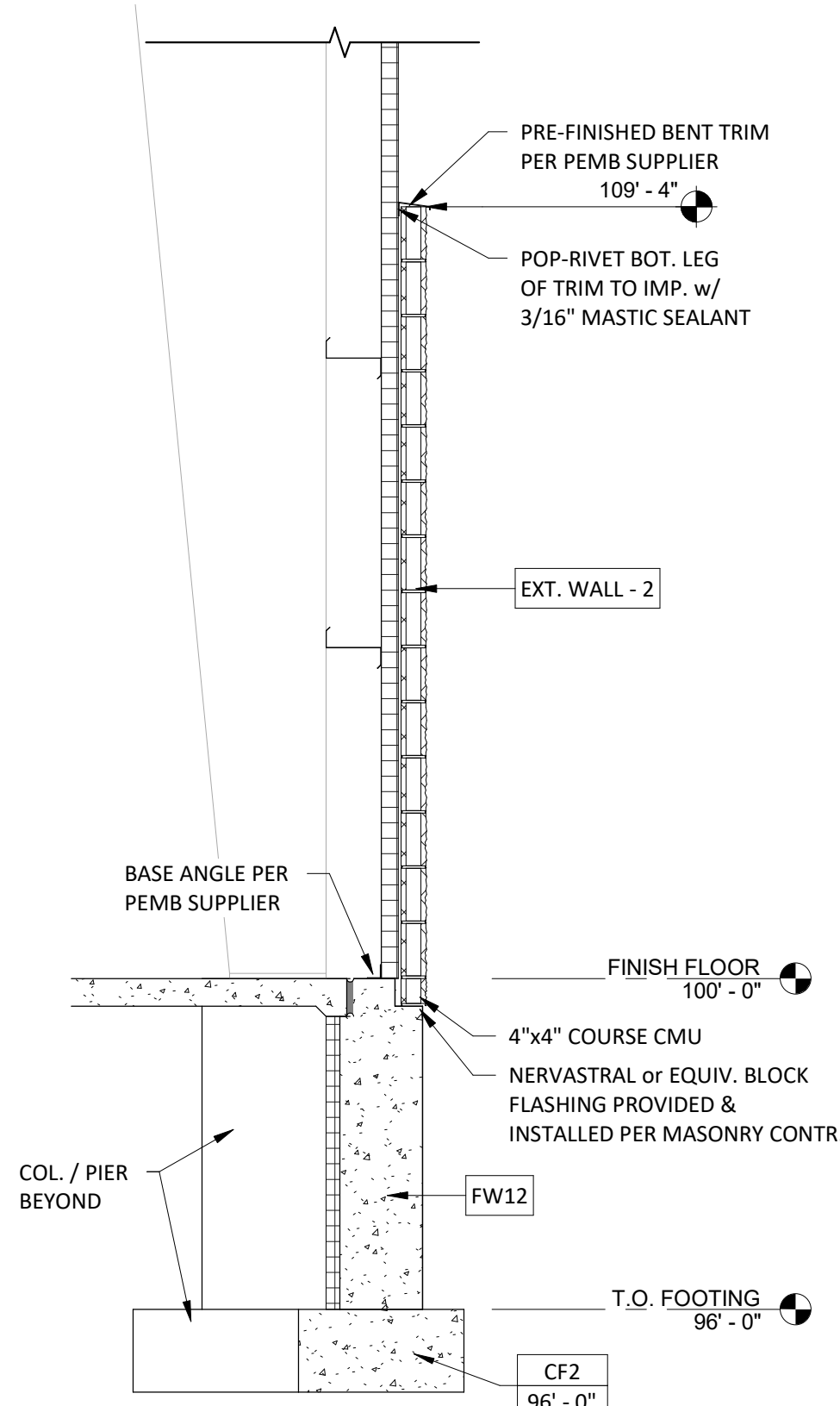
SALES:
SHEET:
A3.0

DATE: 4/30/2024 7:52:23 AM

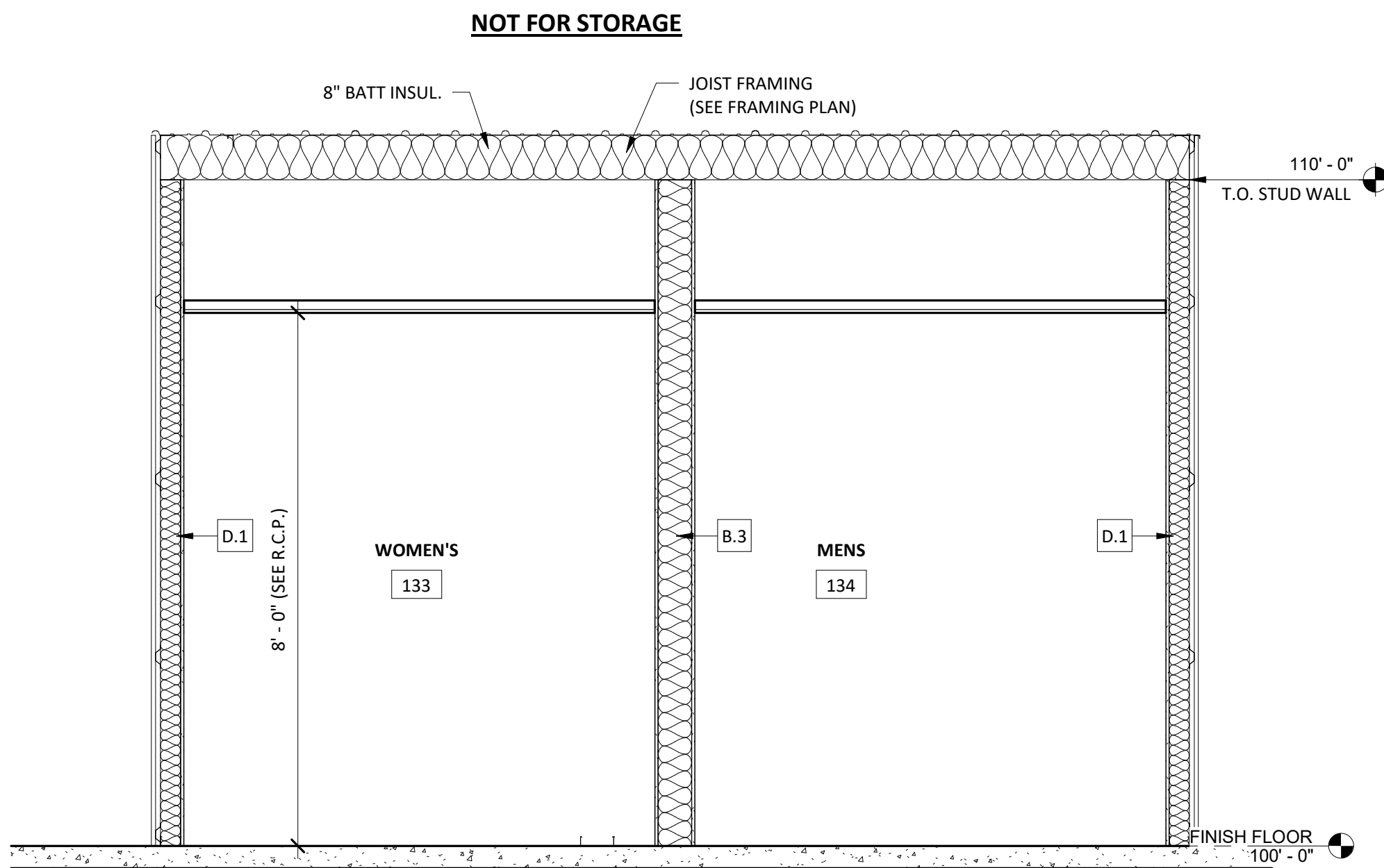
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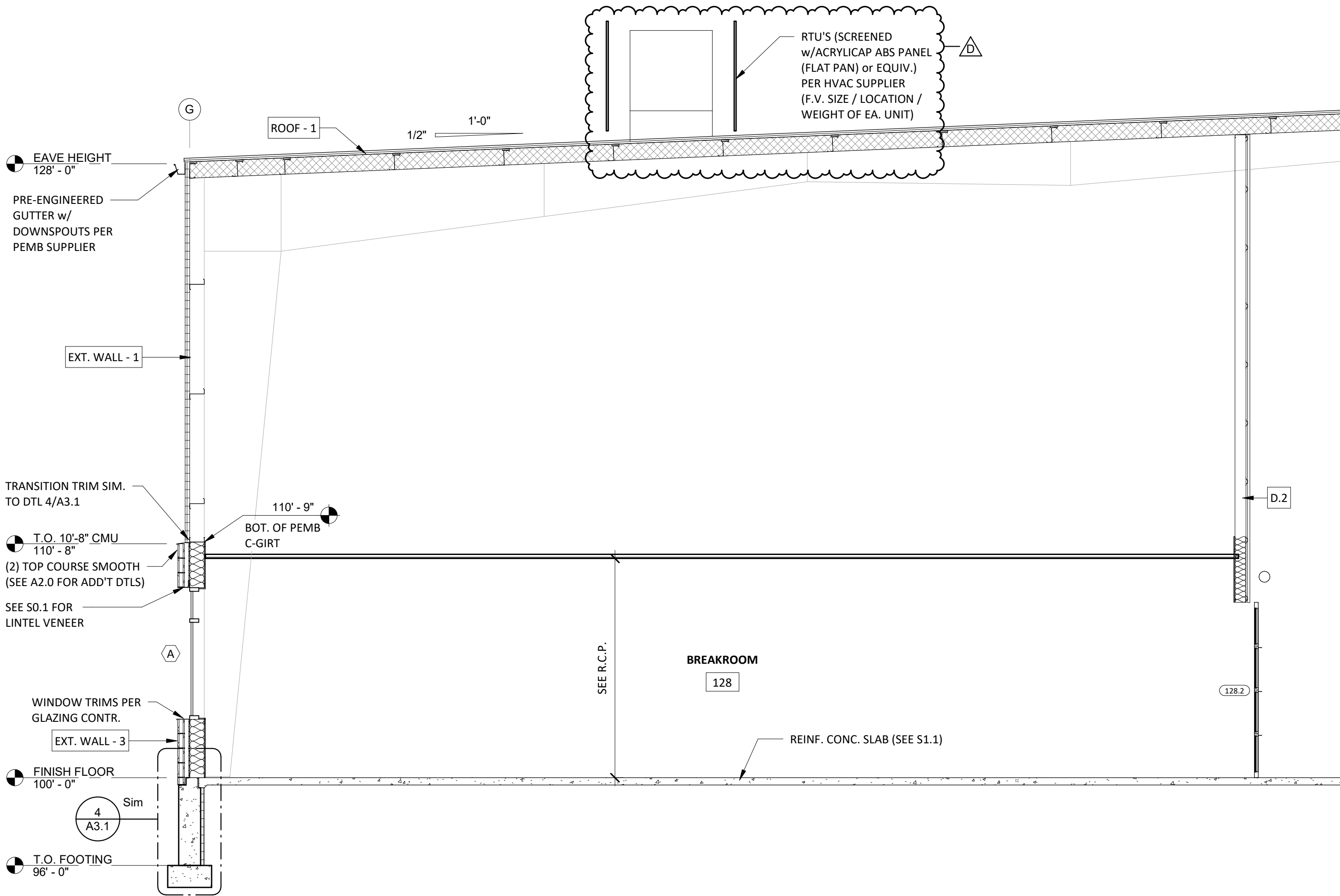
BUILDING SECTION - SHOP / WAREHOUSE
1 / A3.1 SCALE = 1/8" = 1'-0"



WALL SECTION - 4'-0" CMU
4 / A3.1 SCALE = 1/2" = 1'-0"



BUILDING SECTION - WAREHOUSE RESTROOMS
3 / A3.1 SCALE = 1/2" = 1'-0"



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

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REVISIONS

		FINISHES	
A	03.14.24	R-VALUES / RTU'S	
D	04.29.24		

PROJECT INFO:

MASSMAN
CORPORATE INC.

SECTIONS -
BUILDING

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Author

SALES:

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22106

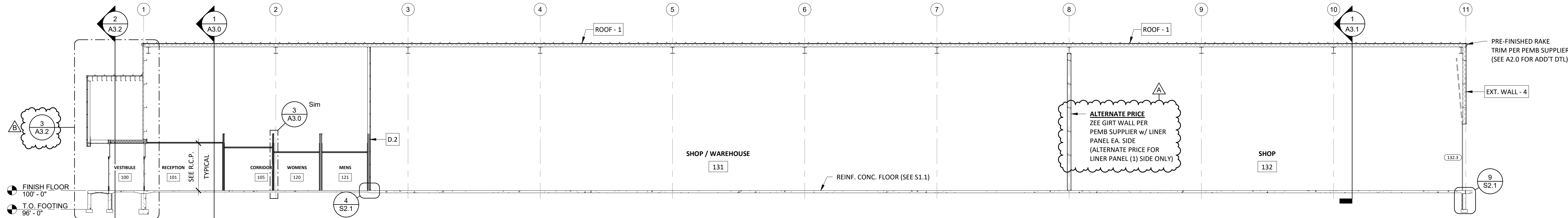
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ARCHT. NO.:

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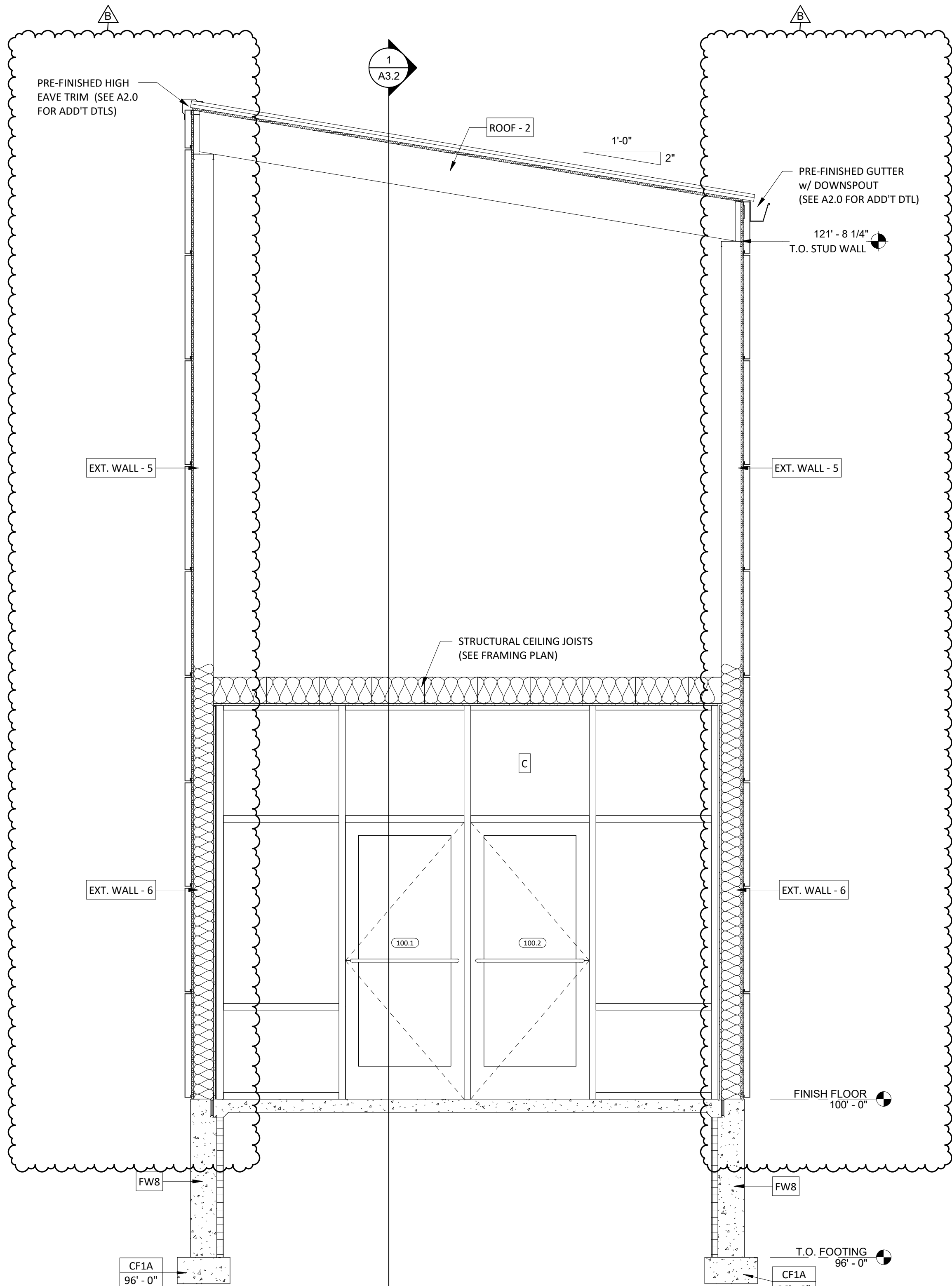
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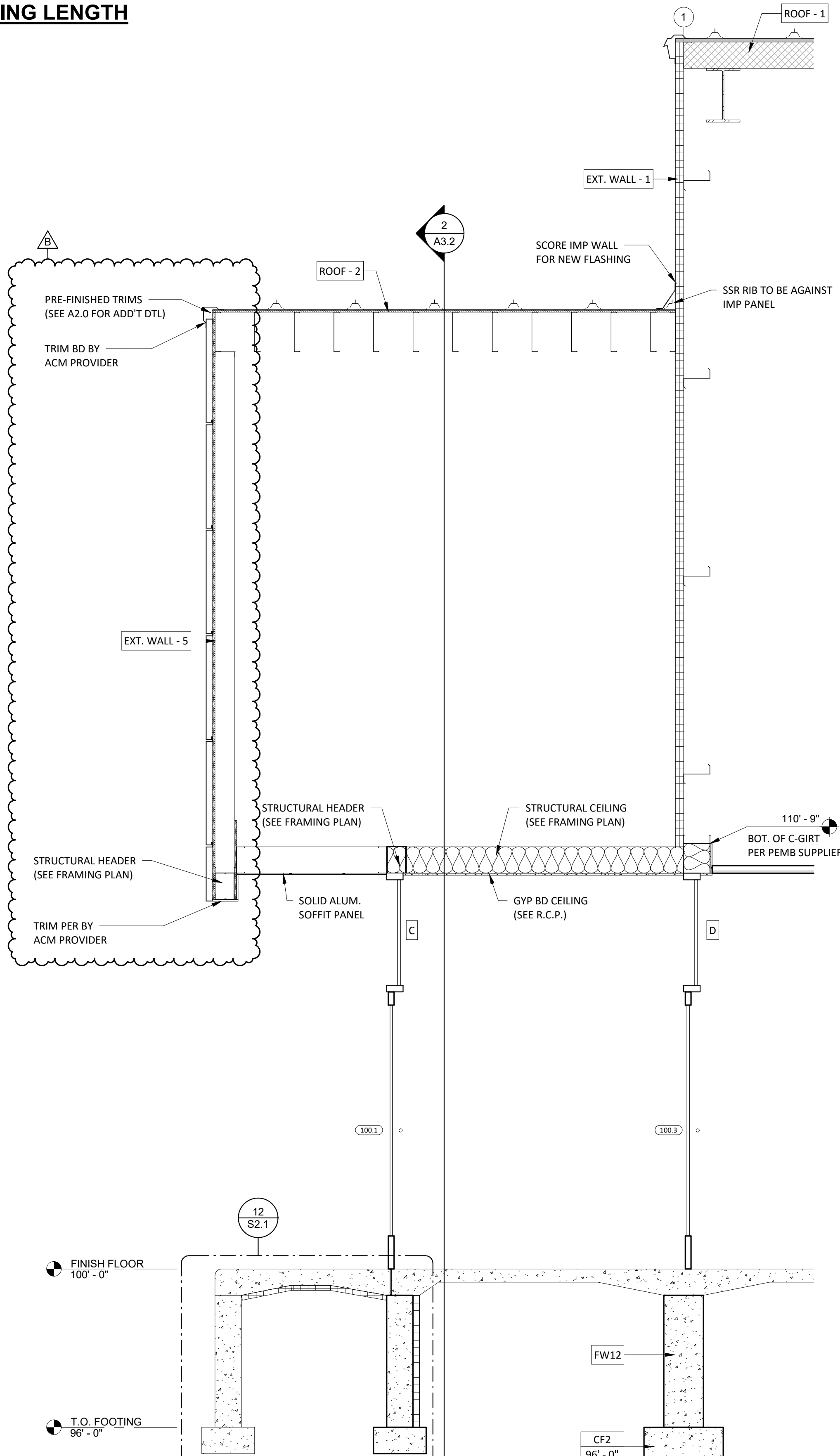
BUILDING SECTION - BUILDING LENGTH

1 /A3.2 SCALE = 3/32" = 1'-0"



BUILDING SECTION - ENTRY 'A'

2 /A3.2 SCALE = 1/2" = 1'-0"



BUILDING SECTION - ENTRY 'B'

3 /A3.2 SCALE = 1/2" = 1'-0"



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REVISIONS

A	03.14.24	FINISHES	
		ENTRY EXTERIOR FINISH	
B	04.10.24		

PROJECT INFO:

MASSMAN
CORPORATE INC.

SECTIONS -
BUILDING

DRAWN BY:

Author

SMET NO.:

22106

ARCHT. NO.:

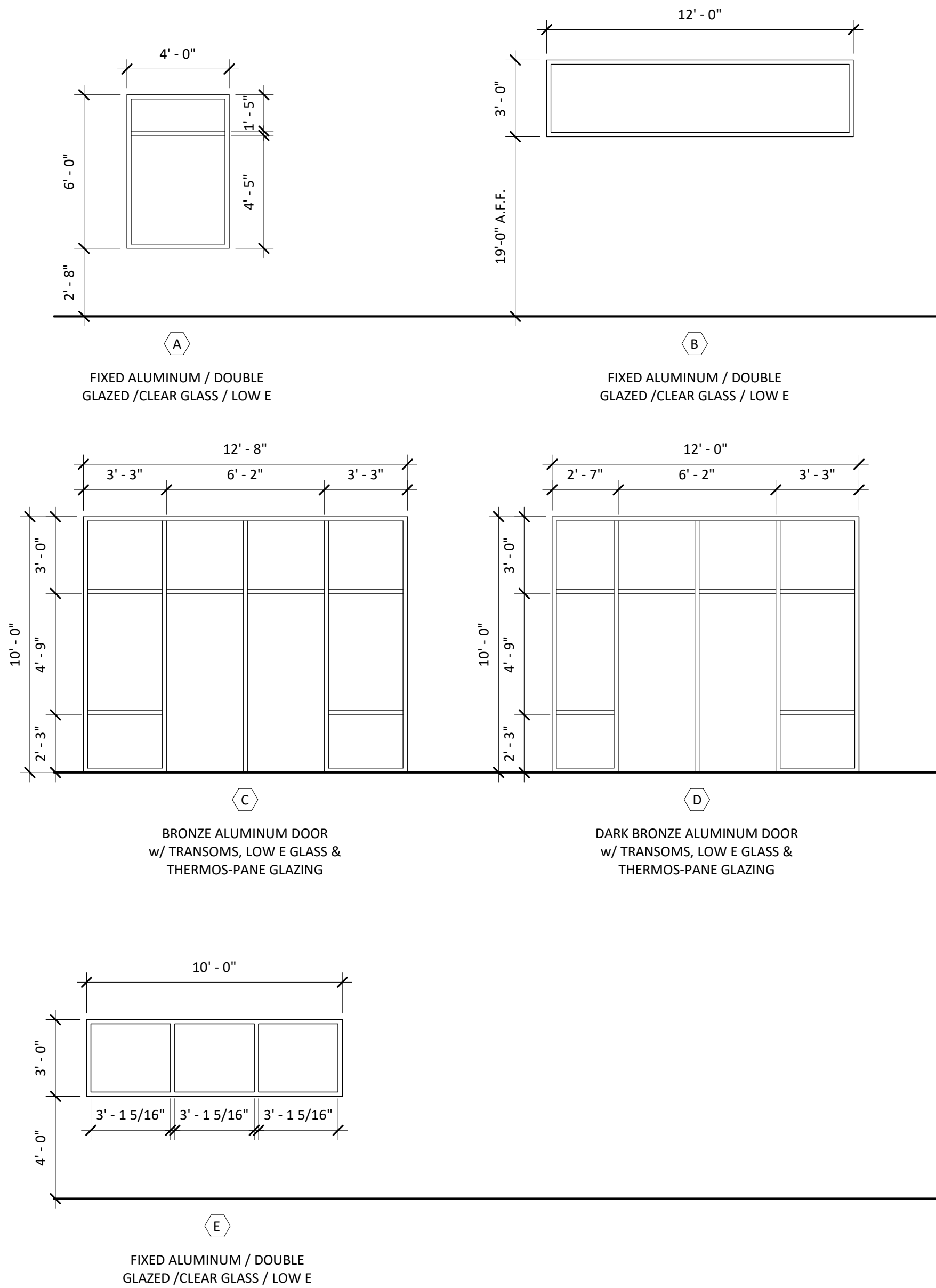
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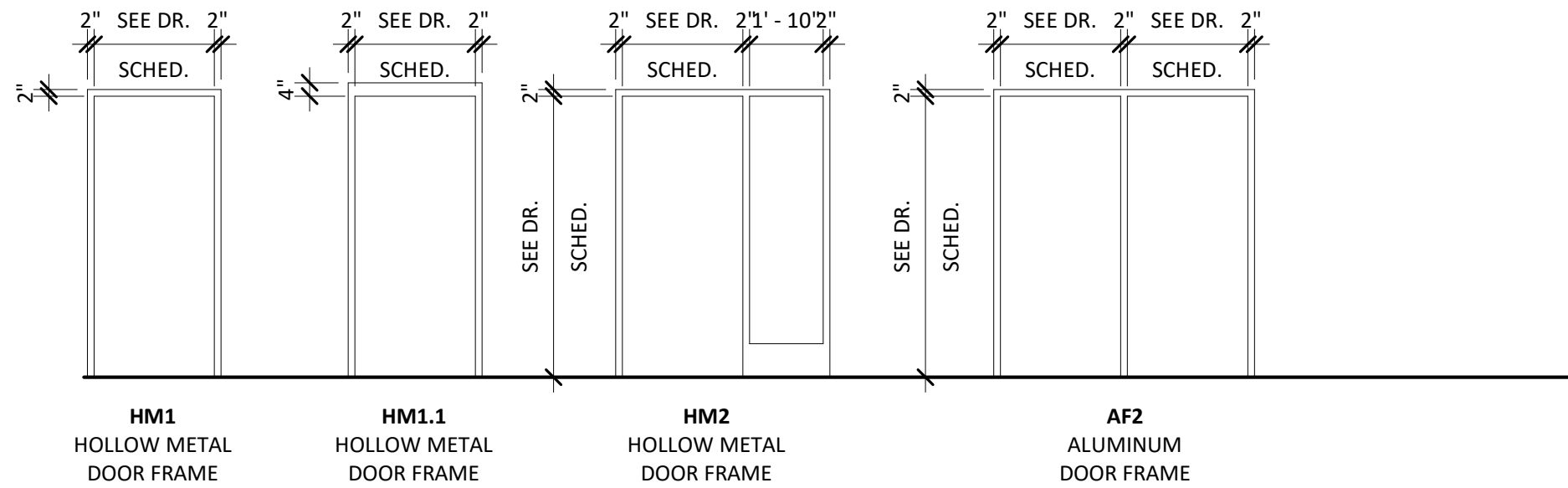
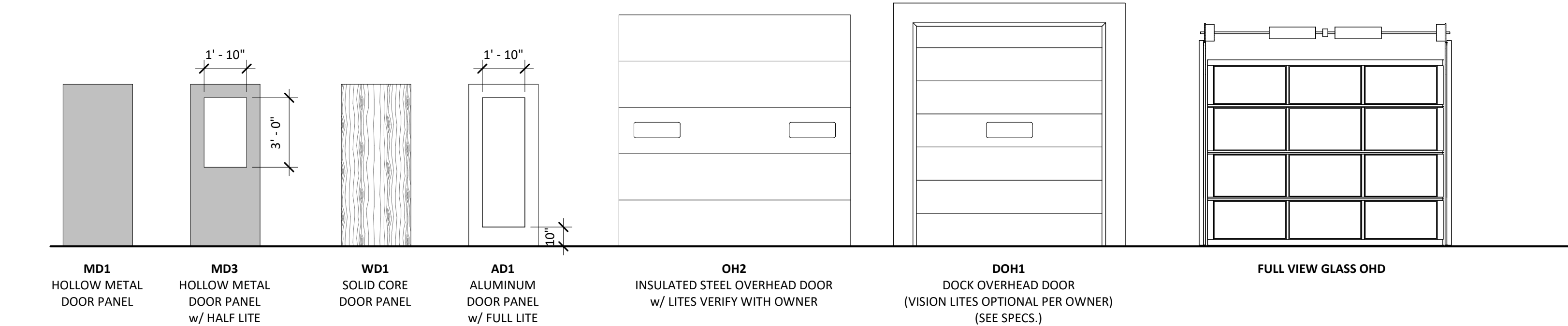
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DATE: 4/30/2024 7:52:25 AM

SCALE: As indicated



DOOR SCHEDULE																
DOOR				FRAME TYPE	FIRE RATING	DOOR HARDWARE										GENERAL REMARKS
NUMBER	WIDTH	HEIGHT	TYPE			LOCK	PASSAGE	CLOSER	PANIC	PRIVACY	WALL STOP	WEATHER STRIPPING	PUSH - PULL HANDLES	SPECIALTY HARDWARE		
100.1	3' - 0"	7' - 0"	AD1	AF2		■		■					■	2	REMOVABLE MULLION	
100.2	3' - 0"	7' - 0"	AD1	AF2		■		■					■	2	REMOVABLE MULLION	
100.3	3' - 0"	7' - 0"	AD1	AF2		■		■				■	■	2	REMOVABLE MULLION	
100.4	3' - 0"	7' - 0"	AD1	AF2		■		■				■	■	2	REMOVABLE MULLION	
102.1	3' - 0"	7' - 0"	WD1	HM1			■			■						
102.2	3' - 0"	7' - 0"	WD1	HM1			■			■						
105.1	3' - 0"	7' - 0"	MD3	HM1			■	■			■	■	2			
107.1	3' - 0"	7' - 0"	WD1	HM1		■		■		■						
108.1	5' - 8"	6' - 8"													SLIDING FULL VIEW ALUM. DOOR	
108.2	4' - 0"	7' - 0"													SLIDING WOOD CLOSET DOOR	
108.3	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
109.1	3' - 0"	7' - 0"	MD3	HM1			■	■			■	■	2			
109.2	3' - 0"	7' - 0"	MD3	HM1.1		■		■			■		2, 7			
110.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
111.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
112.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
113.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
114.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
115.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
116.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
117.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
118.1	3' - 0"	7' - 0"	WD1	HM1		■		■		■						
119.1	3' - 0"	7' - 0"	WD1	HM1				■	■	■						
120.1	3' - 0"	7' - 0"	WD1	HM1				■		■		■				
121.1	3' - 0"	7' - 0"	WD1	HM1				■		■		■				
122.1	3' - 0"	7' - 0"	WD1	HM1			■			■						
122.2	3' - 0"	7' - 0"	MD3	HM1.1		■		■			■		2, 7			
123.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
124.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
125.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
126.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
127.1	3' - 0"	7' - 0"	WD1	HM2			■			■					12" SIDELIGHT	
128.1	3' - 0"	7' - 0"	WD1	HM1			■			■						
128.2	10' - 0"	8' - 0"													FULL VIEW GLASS	
128.3	10' - 0"	8' - 0"													FULL VIEW GLASS	
128.4	3' - 0"	7' - 0"	MD3	HM1			■	■			■	■	2			
128.5	3' - 0"	7' - 0"	MD1	HM1.1		■		■			■		2, 7			
131.1	3' - 0"	7' - 0"	MD1	HM1.1		■		■			■		2, 7			
131.2	10' - 0"	10' - 0"	OH2	-												
131.3	3' - 0"	7' - 0"	MD1	HM1.1		■		■			■		2, 7			
131.4	9' - 0"	10' - 0"	DOH1	-												
131.5	9' - 0"	10' - 0"	DOH1	-												
131.6	3' - 0"	7' - 0"	MD1	HM1		■		■			■		2, 7			
131.7	3' - 0"	7' - 0"	MD1	HM1.1		■		■			■		2, 7			
131.8	14' - 0"	14' - 0"	OH2	-												
132.1	14' - 0"	14' - 0"	OH2	-												
132.2	3' - 0"	7' - 0"	MD1	HM1			■	■						2		
132.3	14' - 0"	14' - 0"	OH2	-												
132.4	3' - 0"	7' - 0"	MD1	HM1		■		■			■		2, 7			
132.5	3' - 0"	7' - 0"	MD1	HM1.1		■		■			■		2, 7			
133.1	3' - 0"	7' - 0"	MD1	HM1				■		■						
134.1	3' - 0"	7' - 0"	MD1	HM1				■		■						



SPECIALTY HARDWARE	
1.	EXIT ONLY LOCK
2.	OVERHEAD STOP
3.	FLOOR STOP
4.	KICK PLATE
5.	SECURITY ENTRY KEYPAD
6.	CYLINDER LOCK
7.	LATCH GUARD



SMET

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OUR REPUTATION IS BUILDING

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2000 PROFIT PLACE
DEPERE, WI 54115

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EMAIL: INFO@SMET.COM

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REVISIONS									

PROJECT INFO:

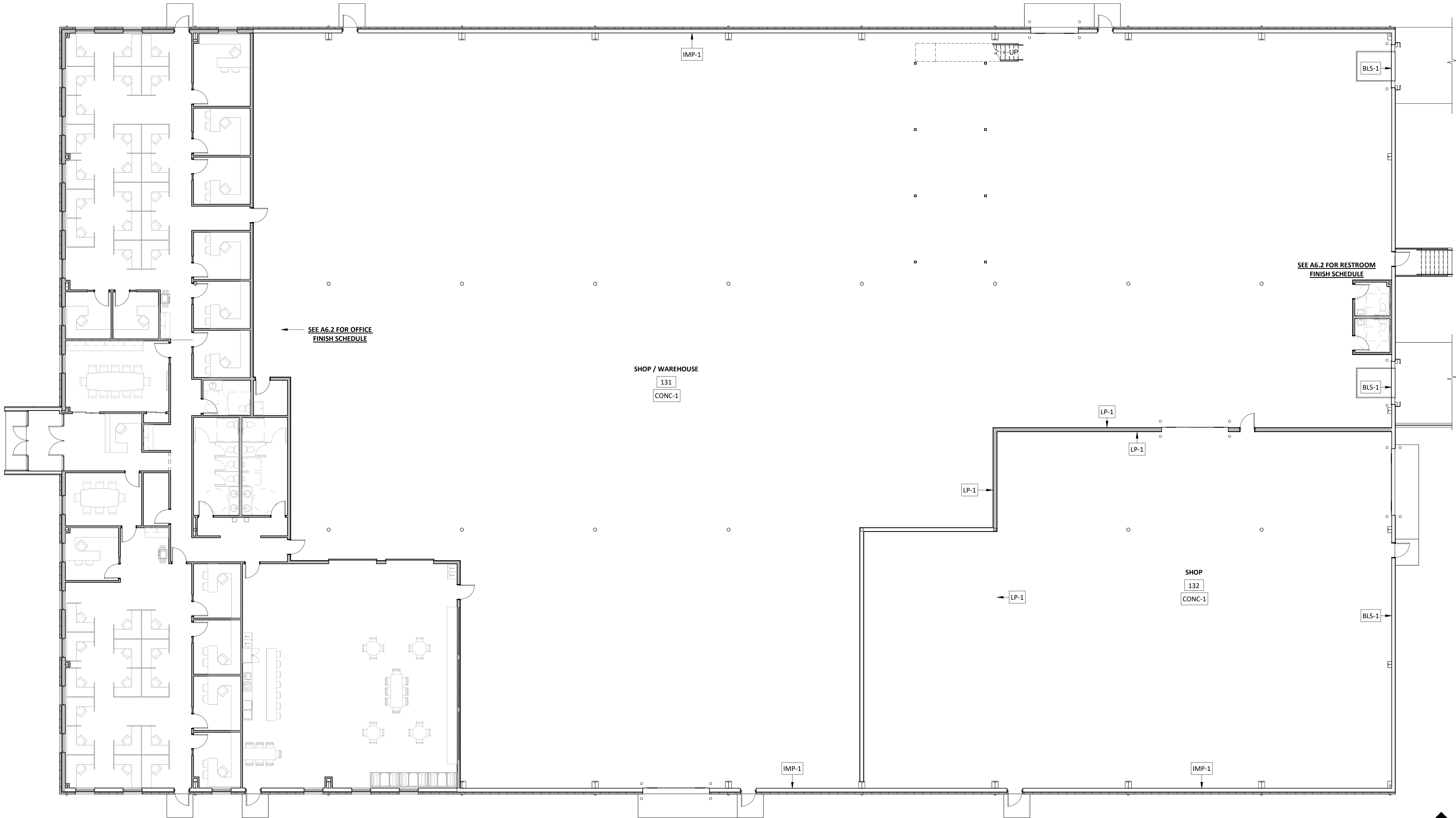
MASSMAN
CORPORATE INC.

SCHEDULES -
DOOR / WINDOW

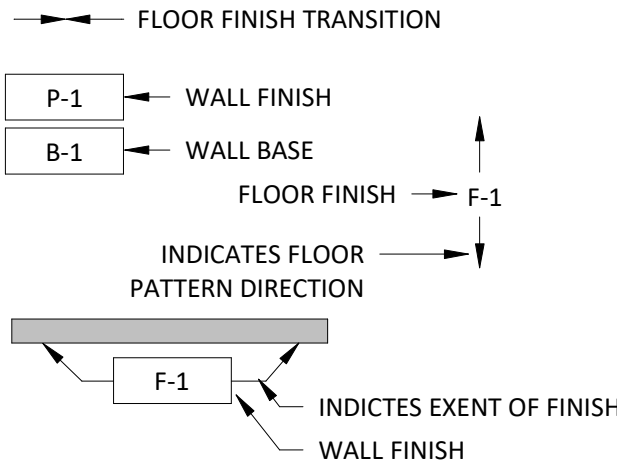
DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: A6.0
ARCHT. NO.:	

DATE: 4/30/2024 7:52:26 AM

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



FINISH PLAN LEGEND



ROOM FINISH LEGEND

LOCATION	MARK	FINISH	MANUFACTURER	STYLE	COLOR	REMARKS
FLOORING	CPT-1	CARPET TILE	VERIFY	VERIFY	VERIFY	
FLOORING	CT-1	CERAMIC TILE	VERIFY	VERIFY	VERIFY	
FLOORING	LVP-1	LUXURY VINYL PLANK	VERIFY	VERIFY	VERIFY	
FLOORING	CONC-1	CONCRETE	VERIFY	VERIFY	VERIFY	
FLOORING	CONC-2	POLISHED CONCRETE	VERIFY	VERIFY	VERIFY	
WALL	P-1	PAINTED DRYWALL	VERIFY	LEVEL 4 - SMOOTH	VERIFY	
WALL	FRP-1	SMOOTH	VERIFY	VERIFY	VERIFY	1/2" GYP BD BACKER
WALL	LP-1	LINER PANEL	VERIFY	VERIFY	WHITE	
WALL	IMP-1	INTERIOR FINISH SIDE OF IMP	VERIFY	SMOOTH	VERIFY	
WALL	BLS-1	BANDED LINER SYSTEM	VERIFY	VERIFY	WHITE	
WALL BASE	VB-1	4" VINYL BASE	VERIFY	4" TALL	VERIFY	
WALL BASE	CTB-1	CERAMIC TILE	VERIFY	4" TALL	VERIFY	

SEE A6.2 FOR RESTROOM
FINISH SCHEDULE

SEE A6.2 FOR OFFICE
FINISH SCHEDULE

SHOP / WAREHOUSE
131
CONC-1

SHOP
132
CONC-1

FINISH PLAN - OVERALL
1 / A6.1 SCALE = 3/32" = 1'-0"



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REVISIONS

PROJECT INFO:

MASSMAN
CORPORATE INC.

ROOM FINISH PLAN
- OVERALL

DRAWN BY:
Author

SALES:

SMET NO.:
22106

SHEET:

ARCHT. NO.:

A6.1

DATE: 4/30/2024 7:52:27 AM

SCALE: As indicated

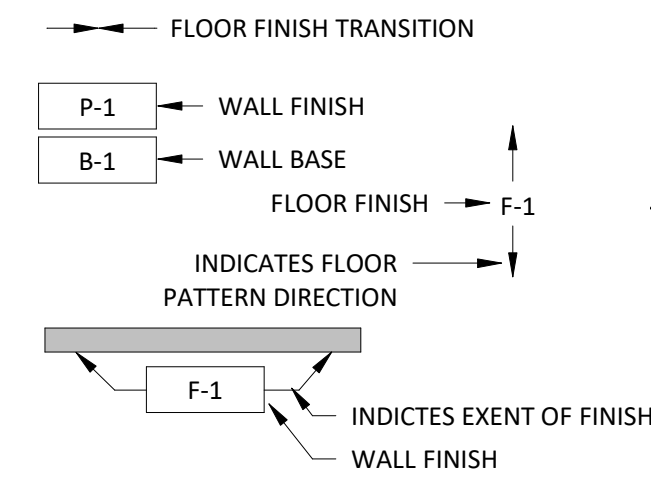
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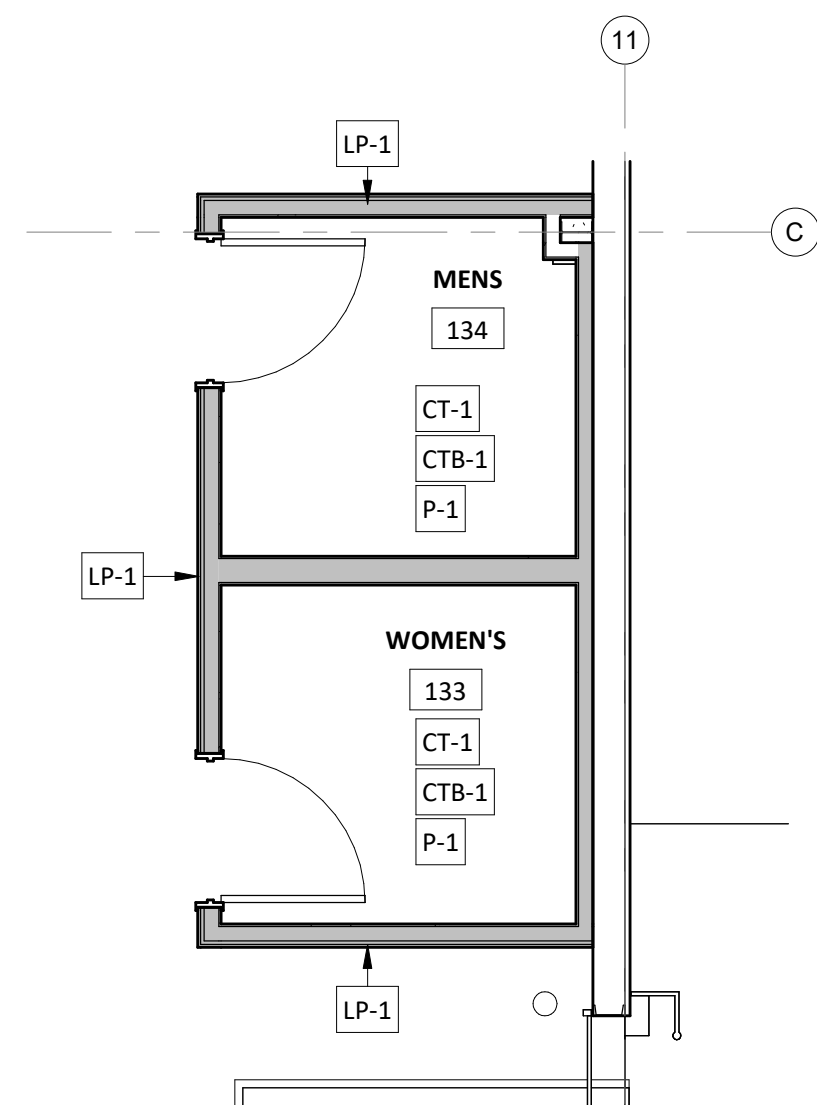
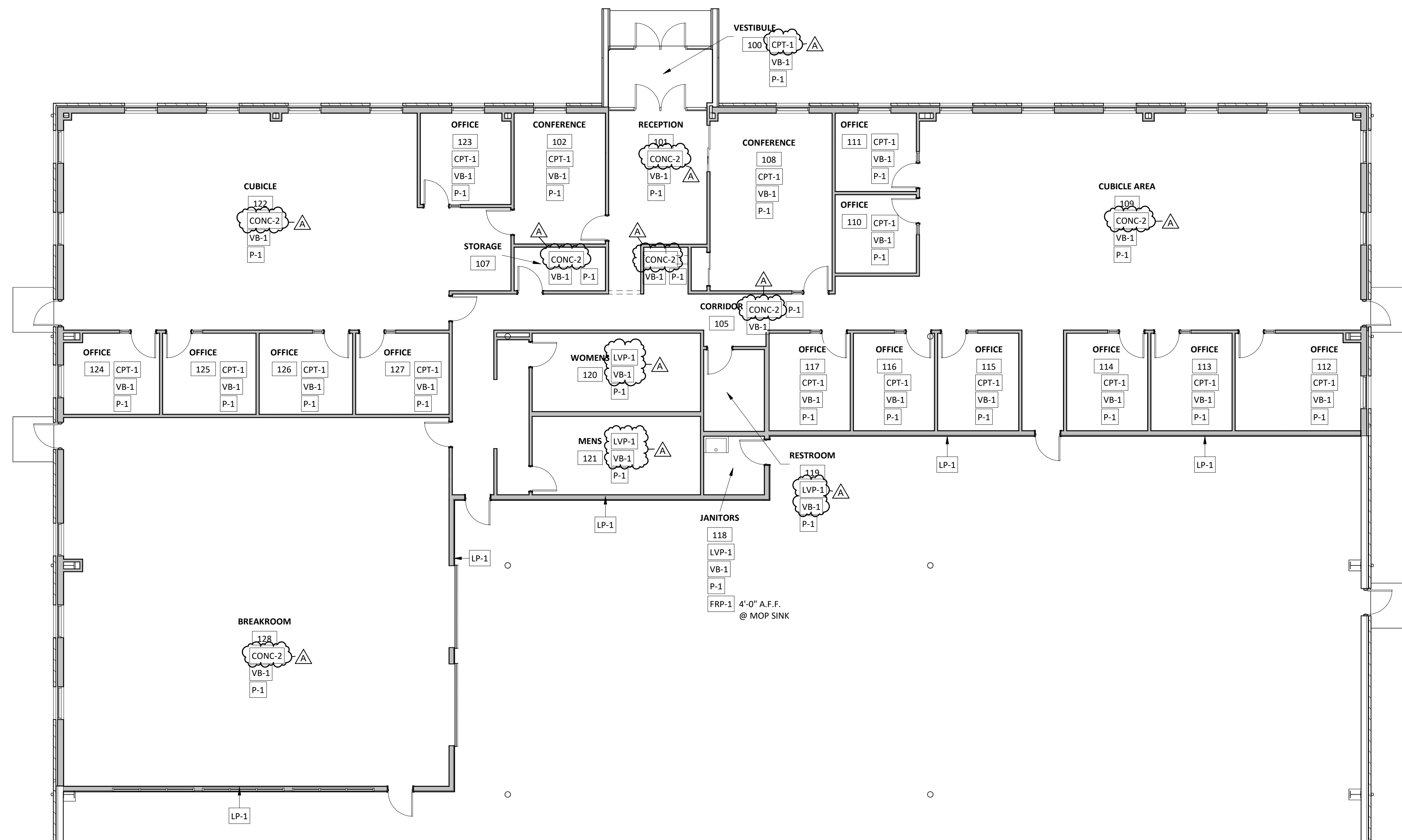
CORPORATE OFFICE
2000 PROFIT PLACE
DEPERE, WI 54115

PHONE: (920) 836-7871
EMAIL: INFO@SMET.COM

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ROOM FINISH LEGEND						
LOCATION	MARK	FINISH	MANUFACTURER	STYLE	COLOR	REMARKS
FLOORING	CPT-1	CARPET TILE	VERIFY	VERIFY	VERIFY	
FLOORING	CT-1	CERAMIC TILE	VERIFY	VERIFY	VERIFY	
FLOORING	LVP-1	LUXURY VINYL PLANK	VERIFY	VERIFY	VERIFY	
FLOORING	CONC-1	CONCRETE	VERIFY	VERIFY	VERIFY	
FLOORING	CONC-2	POLISHED CONCRETE	VERIFY	VERIFY	VERIFY	
WALL	P-1	PAINTED DRYWALL	VERIFY	LEVEL 4 - SMOOTH	VERIFY	
WALL	FRP-1	SMOOTH	VERIFY	VERIFY	VERIFY	1/2" GYP BD BACKER
WALL	LP-1	LINER PANEL	VERIFY	VERIFY	WHITE	
WALL	IMP-1	INTERIOR FINISH SIDE OF IMP	VERIFY	SMOOTH	VERIFY	
WALL	BLS-1	BANDED LINER SYSTEM	VERIFY	VERIFY	WHITE	
WALL BASE	VB-1	4" VINYL BASE	VERIFY	4" TALL	VERIFY	
WALL BASE	CTB-1	CERAMIC TILE	VERIFY	4" TALL	VERIFY	



FINISH PLAN - DOCK RESTROOM

2 /A6.2 SCALE = 1/4" = 1'-0"



FINISH PLAN - OFFICE AREA

1 /A6.2 SCALE = 1/8" = 1'-0"



OUR REPUTATION IS BUILDING

CORPORATE OFFICE
2080 PROFIT PLACE
PHONE: (820) 532 3828
EMAIL: BUILD@SMET.COM

SMET CONSTRUCTION SERVICE CORP.
DESIGN. BUILD. FINANCE

CONSTRUCTION SERVICE C
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REVIEWS		
A	03.14.24	FINISHES

PROJECT INFO:

MASSMAN
CORPORATE INC.

ROOM FINISH PLAN
- OFFICE AREA

DRAWN BY:
Author

SALES:	
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SMET NO.:
22106

SHEET:

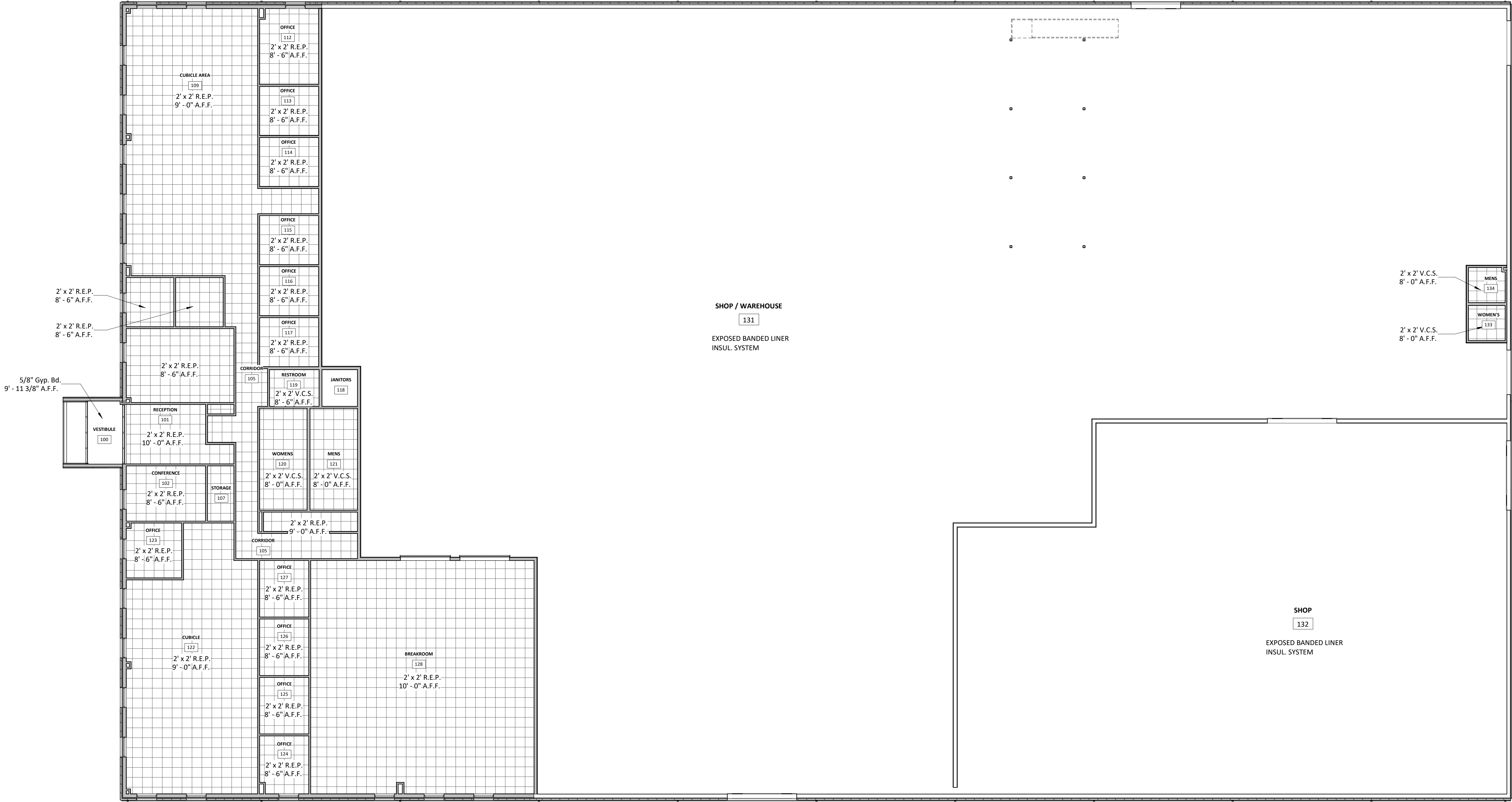
ARCHT. NO.:

A6.2

DATE: 4/30/2024 7:52:28 AM

SCALE: As indicated

REFLECTED CEILING LEGEND							
LCOATION	MARK	FINISH	MANUFACTURER	STYLE	COLOR	REMARKS	
CEILING	2x2 R.E.P.	REVEALED EDGE PANELS	VERIFY	2x2 15/16" REVEALED EDGE	WHITE		
CEILING	2x2 V.C.S.	VINYL COVERED SHEETROCK	VERIFY	2x2 5/8" REVEALED EDGE	WHITE		



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REVISIONS									

PROJECT INFO:

MASSMAN CORPORATE INC.

REFLECTED CEILING PLAN - PROPOSED

DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: A6.3
ARCHT. NO.:	
DATE: 4/30/2024 7:52:29 AM	
SCALE: 3/32" = 1'-0"	

RCP - OVERALL
1 / A6.3 SCALE = 3/32" = 1'-0"





OUR REPUTATION IS BUILDING

CONSTRUCTION SERVICES
2000 PROSPER PLACE
DEPERE, WI 54115

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SMET.COM

SMET CONSTRUCTION SERVICE CORP.
DESIGN. BUILD. FINANCE.

PRE-ENGINEERED METAL BUILDING SYSTEMS

A.	THE ENTIRE PRE-ENGINEERED METAL BUILDING SYSTEM SHALL BE DESIGNED BY THE METAL BUILDING MANUFACTURER IN CONFORMANCE TO THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE AND THE METAL BUILDING SYSTEMS MANUAL AS PUBLISHED BY THE METAL BUILDING MANUFACTURER'S ASSOCIATION, WHERE THESE CRITERIA CONFLICT, THE MORE STRINGENT CRITERIA SHALL APPLY.
B.	IT IS THE PRE-ENGINEERED MANUFACTURER'S RESPONSIBILITY TO DESIGN THE COMPLETE BUILDING SYSTEM (STEEL FRAMING, COMPONENTS, ATTACHMENTS, ETC.) THE MANUFACTURER SHALL SUBMIT A CERTIFICATION LETTER BEARING THE SEAL OF A PROFESSIONAL ENGINEER STATING THAT THE BUILDING SYSTEM DESIGN MEETS THE INDICATED CODE, PERFORMANCE AND LOADING REQUIREMENTS.
C.	THE PRE-ENGINEERED METAL BUILDING MANUFACTURER SHALL BE CERTIFIED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, CATEGORY MB. THE MANUFACTURER SHALL MEET THE EXCEPTION NOTED PER THE IBC WHICH SPECIFIES QUALITY CONTROL REQUIREMENTS OF THE MANUFACTURER PERTAINING TO SPECIAL INSPECTIONS.
D.	THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE ENTIRE METAL BUILDING SYSTEM FOR REVIEW. THE CONTRACTOR SHALL ALSO SUBMIT A COMPLETE STRUCTURAL DESIGN ANALYSIS OF THE BUILDING SYSTEM FOR RECORD PURPOSES ONLY. THE SHOP DRAWING SUBMITTAL SHALL INCLUDE ALL FOUNDATION REACTIONS. ALL SHOP DRAWINGS AND CALCULATION SUBMITTALS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER.
E.	DESIGN LOADS TO BE USED IN CONNECTION WITH THE METAL BUILDING DESIGN ARE PER THE DESIGN LOADS CRITERIA. COORDINATE ANY EQUIPMENT LOADS WITH THE MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS.
F.	CALCULATIONS FOR FRAME DEFLECTIONS MUST BE DONE USING ONLY THE BARE FRAME METHOD. DRIFT SHALL FOLLOW AISCS' "SERVICEABILITY DESIGN CONSIDERATIONS FOR LOW-RISE BUILDINGS." CALCULATIONS SHALL BE SUBMITTED VERIFYING THE ACTUAL DRIFT UNDER CODE REQUIRED LOADINGS DOES NOT EXCEED THE ALLOWABLE.
G.	THE PRE-ENGINEERED MANUFACTURER SHALL PROVIDE ALL GIRTS, PURLINS, FRAMES AND OTHER COMPONENTS REQUIRED FOR A COMPLETE SYSTEM. ALL WALL SYSTEMS, SUCH AS METAL STUDS, STOREFRONTS, ETC. SHALL BE PROPERLY SUPPORTED BY THE METAL BUILDING SYSTEM. ALLOWABLE DEFLECTIONS OF COMPONENTS SHALL BE IN ACCORDANCE WITH THE IBC.
H.	THE FOUNDATION DESIGN IS BASED UPON THE PRE-ENGINEERED METAL BUILDING REACTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY REVISIONS REQUIRED AS A RESULT OF CHANGE IN THE BUILDING MANUFACTURER, INCLUDING REDESIGN OF THE FOUNDATIONS.
I.	THE DIAMETER, NUMBER AND PLACEMENT PATTERN OF ALL ANCHOR BOLTS SHALL BE DETERMINED BY THE PRE-ENGINEERED BUILDING MANUFACTURER. ANCHOR BOLT EMBEDMENTS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
J.	THE PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED BY THE MANUFACTURER TO RESIST LATERAL LOADS AS FOLLOWS: 1. INTERIOR FRAME LINES: RIGID FRAMES 2. PERIMETER WALL LINES: BRACED BAYS OR PORTAL FRAMES.
K.	THE METAL BUILDING ERECTOR SHALL PROVIDE ALL TEMPORARY BRACING.
L.	UNLESS NOTED OTHERWISE OR SPECIFIED, ALL STEEL MEMBERS SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD PROCEDURES.
M.	REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR SPECIFIC DESIGN INFORMATION FOR ROOF PANELS, WALL PANELS, ROOF INSULATION AND WALL INSULATION."

OPEN-WEB STEEL JOISTS

A.	SHOP DRAWINGS INDICATE CONFIGURATION, SIZES, SPACING, LOCATIONS OF JOISTS, BRIDGING AND C CONNECTIONS
B.	PERFORM WORK IN ACCORDANCE WITH SII
C.	MATERIALS ARE AS FOLLOWS: 1. OPEN-WEB JOISTS: ASTM A36 2. ANCHOR BOLTS, NUTS, AND WASHERS: ASTM A307 GRADE A, ASTM A563 FOR ATTACHMENT TO WOOD BEARING PLATES 3. BRIDGING: ASTM A36
D.	ALLOW FOR ERECTION LOADS. PROVIDE TEMPORARY BRACING TO MAINTAIN FRAMING IN ALIGNMENT UNTIL COMPLETION FOR ERECTION AND INSTALLATION OF PERMANENT BRIDGING AND BRACING.
E.	AFTER JOIST ALIGNMENT, SECURE JOISTS TO BEARING SURFACES.
F.	FRAME ROOF OPENINGS GREATER THAN 18" WITH SUPPLEMENTARY FRAMING.
G.	AFTER ERECTION, PRIME WELDS, ABRASIONS, AND SURFACES NOT SHOP PRIMED.
H.	UNLESS NOTED OTHERWISE, JOIST CONNECTIONS SHALL BE MADE PER JOIST SUPPLIER STANDARD RECOMMENDATIONS.
I.	LIVE LOAD DEFLECTIONS SHALL NOT EXCEED L/360 FOR FLOORS, L/360 FOR ROOFS WITH DIRECTLY APPLIED PLASTER CEILING FINISHES, OR L/240 FOR ROOF WITH ALL OTHER CEILING FINISHES.
J.	JOIST AND JOIST GIRDERS SHALL BE FIELD ATTACHED w/ A MINIMUM OF LISTED VALUES: 1. K-SERIES JOISTS: (2) 1/8" FILLET WELDS x 2 1/2" LONG EACH SIDE OF JOIST SEAT, OR BOLTED w/ (2) 1/2" Ø BOLTS IN SLOTTED HOLES PARALLEL TO JOISTS AT COLUMNS. 2. LH-SERIES JOISTS, SECTION NUMBERS 02 THRU 06: (2) 3/16" FILLET WELDS x 2 1/2" LONG EACH SIDE OF JOIST SEAT, OR BOLTED w/ (2) 3/4" Ø BOLTS IN SLOTTED HOLES PARALLEL TO JOISTS AT COLUMNS. 3. LH-SERIES AND DLH-SERIES JOISTS, SECTION NUMBERS 07 THRU 16: (2) 1/4" FILLET WELDS x 2 1/2" LONG EACH SIDE OF JOIST SEAT, OR BOLTED w/ (2) 3/4" Ø BOLTS IN SLOTTED HOLES PARALLEL TO JOISTS AT COLUMNS. 4. DHL-SERIES JOISTS, SECTION NUMBERS 17-25: (2) 1/4" FILLET WELDS x 4" LONG EACH SIDE OF JOIST SEAT, OR BOLTED w/ (2) 3/4" Ø BOLTS IN SLOTTED HOLES PARALLEL TO JOISTS AT COLUMNS. 5. JOIST GIRDERS: (2) 1/4" FILLET WELDS x 4" LONG EACH SIDE OF JOIST SEAT, OR BOLTED w/ (2) 3/4" Ø BOLTS IN SLOTTED HOLES PARALLEL TO JOISTS AT GIRDER COLUMNS.

STEEL DECKING	
A.	DESIGN OF METAL DECKING IN ACCORDANCE WITH SDI MANUAL.
B.	MATERIALS ARE AS FOLLOWS: 1. METAL DECK: AS INDICATED ON THE CONSTRUCTION DOCUMENT DETAILS. 2. FASTENERS: MILD STEEL WELD WASHERS, HARDENED STEEL SELF-TAPPING SCREWS OR POWDER ACTUATED FASTENERS.
C.	BEAR DECKING ON WOOD SUPPORT SURFACES WITH A 4" MINIMUM BEARING AND ON STEEL SUPPORTS WITH A MINIMUM OF 1-1/2" BEARING.
D.	FASTEN RIBBED DECK TO STEEL SUPPORT MEMBERS AT ENDS AND INTERMEDIATE SUPPORTS WITH FUSION WELDS THROUGH WASHERS OR MECHANICAL FASTENERS AT 12" O.C. AND AT EVERY OTHER TRANSVERSE FLUTE, UNLESS NOTED OTHERWISE.
E.	REINFORCE STEEL DECK OPENINGS FROM 6" TO 18" IN SIZE WITH 2"x2"x1/4" STEEL ANGLES. LARGER OPENINGS SEE DRAWINGS.
F.	UNLESS INDICATED OTHERWISE, PROVIDE 3"x3"x3/16" DECK SUPPORT ANGLES AROUND PERIMETER OF ROOF DECK.

STRUCTURAL STEEL CONSTRUCTION		
A.	SPECIFICATIONS:	
	1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE 14TH EDITION OF THE "STEEL CONSTRUCTION MANUAL", BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, UNLESS NOTED OTHERWISE.	
	2. STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS, UNLESS NOTED OTHERWISE:	
	STRUCTURAL TYPE/SHAPE	ASTM DESIGNATION
	ANCHOR BOLTS	F1554 GRADE 36
	W-SHAPE	A992
	M, S, C, MC, AND L-SHAPES, PLATES AND BARS	A36
	HP-SHAPE	A572 GRADE 50
	PIPES	A53 GRADE B
	HSS RECTANGULAR	A500 GRADE B
	HSS ROUND	A500 GRADE B
FASTENERS	A325N	Fnv = 48 KSI, Fnt = 90 KSI
	A325X	Fnv = 60 KSI, Fnt = 90 KSI
	A490N	Fnv = 60 KSI, Fnt = 113 KSI
	A490X	Fnv = 75 KSI, Fnt = 113 KSI
CONNECTION NUTS		A563
WASHERS		F436
WELDS		
	E70XX ELECTRODES	A233
	COLD ROLLED E60XX ELECTRODES	A233
STUD ANCHORS		A108
	3. ALL ASTM A325 BOLTS EXPOSED TO EXTERIOR CONDITIONS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123; ASTM 490 BOLTS SHALL NOT BE GALVANIZED.	
B.	PROVIDE 2 MIL. THICK OXIDE PRIMER ON ALL STEEL SURFACES UNLESS NOTED OTHERWISE.	
C.	DESIGN STRESS:	
	1. MINIMUM BEAM CONNECTIONS SHALL NOT BE SMALLER THAN THOSE LISTED IN PART 10 OF THE AISC MANUAL.	
	2. UNLESS DETAILED OTHERWISE, MAKE CONNECTIONS WITH E70XX ELECTRODES OR BOLTED WITH 3/4" A325 BOLTS IN BEARING-TYPE CONNECTIONS WITH THREADS IN THE SHEAR PLANE (A325N).	
D.	WELDING:	
	1. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 STRUCTURAL WELDING CODE.	
	2. WELDER CERTIFICATION PROCEDURES SHALL BE AS FOLLOWS:	
	a. ALL WELDERS SHALL BE CURRENTLY CERTIFIED AN REGISTERED BY THE LOCAL OFFICIALS AND/OR THE AMERICAN WELDING SOCIETY AND, IF REQUIRED, ALL WELDERS SHALL HAVE THEIR CERTIFICATION AVAILABLE TO THE ENGINEER.	
	3. ALL BUTT WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP) WELDS, UNLESS NOTED OTHERWISE.	
	4. ALL GROOVE WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP) WELDS, UNLESS NOTED OTHERWISE.	
	5. WELDING PROCEDURE AND SEQUENCES SHALL BE PLANNED TO MINIMIZE WELD SHRINKAGE THAT COULD RESULT IN LAMELLAR TEARING.	
	6. FIELD WELDING WILL BE ALLOWED ONLY WHERE SHOWN ON DRAWINGS.	
	7. EXISTING AND NEW STEEL SURFACES TO BE WELDED SHALL BE CLEANED OR PAINT, GREASE, SCALE, OR OTHER FOREIGN MATERIAL REMOVED.	
	8. ALL FIELD WELDS SHALL BE WIRE BRUSHED AND CLEANED, THEN TOUCHED-UP PAINTED.	

COLD-FORMED STEEL CONSTRUCTION

A. DESIGN COLD-FORMED STEEL FRAMING ACCORDING TO AISI'S "STANDARD FOR COLD-FORGED STEEL FRAMING - GENERAL PROVISIONS."

B. MATERIALS:

1. ALL MEMBERS SHALL BE COLD-FORMED FROM STRUCTURAL QUALITY SHEET STEEL MEETING THE REQUIREMENTS OF ASTM A-446 GRADE A, MINIMUM YIELD OF 33,000 PSI FOR 18 GAUGE AND LIGHTER AND MEETING THE REQUIREMENTS OF ASTM A-446 GRADE D, MINIMUM YIELD OF 50,000 PSI FOR 16 GAUGE AND HEAVIER.
2. ALL MEMBERS SHALL BE MARKED SO THAT SUPPLIED MATERIALS CAN BE FIELD VERIFIED.
3. ALL MEMBERS SHALL HAVE A GALVANIZED FINISH COMPLYING WITH ASTM A-535, G60 COATING.

C. CONNECTIONS:

1. WELDS: WELDING SHALL BE IN CONFORMANCE WITH AWS D 1.3 UTILIZING E60XX OR E70XX ELECTRODES.
2. SCREWS: SELF-DRILLING AND SELF-TAPPING, CADMIUM PLATED FOR ALL EXTERIOR USES, OF THE SIZE REQUIRED FOR LOADINGS.
3. POWER DRIVEN SHOTS: SIZE AND SPACING AS REQUIRED TO PROPERLY ANCHOR THE FRAMING MEMBERS. USE CHARGE AS APPROPRIATE FOR ACTUAL USE.
4. WIRE TYING: NOT PERMITTED.

D. LIGHT GAUGE STEEL FRAMING MEMBER DESIGNATION SYSTEM:

362S162-20

- MINIMUM BASE METAL THICKNESS IN MILS. (EXAMPLE - .020 = 20 MILS)
 - 30 = 20 GAUGE DRYWALL
 - 33 = 20 GAUGE
 - 43 = 18 GAUGE
 - 54 = 16 GAUGE
 - 68 = 14 GAUGE
 - 97 = 12 GAUGE
- FLANGE WIDTH (1/100 INCHES) (EXAMPLE - 162 = 1.625")
- STYLE: S = STUD OR JOIST SECTION (WITH FLANGE STIFFENERS) =
 - T = TRACK SECTION =
 - U = CHANNEL SECTION (STUDS WITHOUT FLANGE STIFFENERS) =
 - F = FURRING CHANNEL =
 - Z = ZEE SECTION =
- MEMBER DEPTH (1/100 INCHES) (EXAMPLE - 362 = 3-5/8")

C. ALL DESIGN AND CONSTRUCTION OF CAST-IN-PLACE CONCRETE SHALL CONFORM TO THE LATEST EDITION OF ACI 318 BUILDING CODE AND CRSI MANUAL OF STANDARD PRACTICE.																																																														
D. CONCRETE SHALL BE STANDARD WEIGHT MIX UNLESS NOTED OTHERWISE AND MEET THE FOLLOWING CRITERIA:																																																														
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E. PROTECT FOUNDATION EXCAVATIONS FROM FROST; CONCRETE PLACED IN FROST IS NOT PERMISSIBLE. DESIGN FROST PENETRATION DEPTH SHALL BE 48".																																																														
F. FOUNDATION EXCAVATIONS SHALL BE KEPT FREE OF LOOSE MATERIAL AND STANDING WATER.																																																														
G. MINIMUM OF 6" COMPACTED GRANULAR SUBGRADE BELOW SLABS. IF GEOTECHNICAL REPORT AVAILABLE USE MOST STRINGENT SUBGRADE.																																																														
H. PLACE VAPOR RETARDER OR VAPOR BARRIER DIRECTLY BELOW SLABS ON GRADE.																																																														
I. CEMENT SHALL CONFORM TO ASTM C150, TYPE I/II OR ASTM C595 TYPE II.																																																														
J. ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE ENGINEER. CALCIUM CHLORIDE SHALL NOT BE USED. ADMIXTURES SHALL COMPLY WITH ASTM C494 AND BE OF A TYPE THAT INCREASES THE WORKABILITY OF THE CONCRETE.																																																														
K. ALL MIXES SHALL BE DESIGNED AND CERTIFIED BY A MATERIALS TESTING COMPANY.																																																														
L. CONCRETE FLOOR SHALL BE CURED IN ACCORDANCE WITH ASTM C309. CONCRETE FLOOR SHALL BE PROTECTED FROM MOISTURE FOR A MINIMUM OF 14 DAYS WITH AN APPROVED SHEET MEMBRANE IN ACCORDANCE WITH C171.																																																														
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SLAB ON GRADE	CENTERED																																																													
WALLS, STRUCTURAL SLABS EXPOSED TO SOIL OR WEATHER																																																														
#6 TO #18 REBAR	2"																																																													
#5 AND SMALLER REBAR	1-1/2"																																																													
WALLS, STRUCTURAL SLABS NOT EXPOSED TO EARTH OR WEATHER																																																														
#11 AND SMALLER REBAR	3/4"																																																													
COLUMNS AND PIERS (COVER TO STIRRUPS AND TIES)	1-1/2"																																																													
P. REINFORCING STEEL, ANCHOR BOLTS, AND DOWELS SHALL BE SECURED WITH WIRE POSITIONERS, OR EQUIVALENT, BEFORE PLACING CONCRETE OR GROUT.																																																														
Q. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60. WELDING OF REINFORCING BARS SHALL CONFORM TO AWS D14.																																																														
R. ALL REINFORCEMENT PLACED IN FOUNDATION WALLS, FOOTINGS, PIERS, AND RETAINING WALLS SHALL BE HOT DIPPED GALVANIZED.																																																														
S. GALVANIZED REINFORCEMENT THAT HAS DAMAGED GALVANIZING SHALL BE FIELD DRESSED WITH (2) COATS OF COLD GALVANIZING PAINT.																																																														
T. PROVIDE FROST PROTECTION OF SHALLOW FOUNDATION WITH INSULATION MEETING THE MINIMUM R VALUE, EXTENT AND DEPTH REQUIRED BY ASCE 32 FOR THIS BUILDING SITE. OTHERWISE, PROVIDE NON-FROST-SUSCEPTIBLE SOIL (AS DEFINED BY GRANULAR SOILS OR OTHER APPROVED NON-FROST SUSCEPTIBLE FILL MATERIAL WITH LESS THAN 6% OF MASS PASSING A #200 MESH SIEVE) DOWN TO ANTICIPATED FROST DEPTH, OR OTHER ACCEPTABLE MEANS.																																																														
U. FOUNDATIONS PLACED ON A LAYER OF WELL-DRAINED, UNDISTURBED GROUND OR FILL MATERIAL THAT IS NOT SUSCEPTIBLE TO FROST SHALL HAVE THE THICKNESS OF SUCH A LAYER INCLUDED IN MEETING THE DESIGN FROST DEPTH DEFINED IN SECTION 3.2. UNDISTURBED GRANULAR SOILS OR FILL MATERIAL WITH LESS THAN 6% OF MASS PASSING A #200 (0.075 MM) MESH SIEVE IN ACCORDANCE WITH ASTM D422 AND OTHER APPROVED NON-FROST-SUSCEPTIBLE MATERIALS SHALL BE CONSIDERED NON-FROST-SUSCEPTIBLE. CLASSIFICATION OF FROST SUSCEPTIBILITY OF SOIL SHALL BE DETERMINED BY A SOILS OR GEOTECHNICAL ENGINEER, UNLESS OTHERWISE APPROVED.																																																														

REINFORCED MASONRY CONSTRUCTION SHALL CONFORM TO THE FOLLOWING CODES:

ACI 530.1 / ASCE 7 / TMS 602 SPECIFICATION FOR MASONRY STRUCTURES
ACI 530 / ASCE 7 / TMS 602 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES

TYPICAL MATERIALS ARE AS FOLLOWS:

TYPE	STANDARD	GRADE
CONCRETE MASONRY BLOCK	ASTM C-90	2,800 PSI
TYPE M/S MORTAR	ASTM C-90	
GROUT (28 DAY STRENGTH)	ASTM C-90	2,000 PSI
REINFORCED BARS	ASTM A615 Gr 60	Fy = 60 KSI

THE REQUIRED MINIMUM 28 DAY COMPRESSIVE STRENGTH OF THE COMBINATION OF MASONRY, GROUT AND MORTAR ON THE NET AREA OF CONSTRUCTION (f_m) SHALL BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE.

ALL CONCRETE BLOCK MASONRY UNITS SHALL BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE.

MASONRY BLOCK CELLS CONTAINING VERTICAL REINFORCING SHALL BE GROUTED SOLID. FILLING CELLS WITH MORTAR IS NOT ACCEPTABLE.

THE BASE OF EACH CELL IN WHICH REINFORCING BAR IS PLACED MUST HAVE A CLEAN OUT HOLE.

VERTICAL REINFORCING BARS SHALL BE LAPPED PER SCHEDULE.

PROVIDE CONTINUOUS REINFORCED BOND-BEAMS IN ALL REINFORCED MASONRY WALLS AT THE TOP, AND AS REQUIRED IN CONSTRUCTION DOCUMENTS. BOND-BEAMS AT THE TOP OF THE WALL SHALL BE CONTINUOUS AT MASONRY CONTROL JOINTS. ALL OTHER BOND-BEAMS SHALL NOT BE CONTINUOUS AT MASONRY CONTROL JOINTS. BOND-BEAM REINFORCING SHALL EXTEND INTO AND BE CONTINUOUS WITH ALL INTERSECTING BOND-BEAMS.

FILL CORES OF MASONRY UNDER ALL BEARING PLATES. THE MINIMUM WIDTH SHALL BE 3 TIMES THE BEARING PLATE LENGTH FOR THREE COURSES BELOW BEARING, UNLESS NOTED OTHERWISE.

REINFORCED MASONRY WALLS SHALL HAVE #9 GAUGE (LADDER TYPE) HORIZONTAL REINFORCING AT SPACING AS NOTED ON CONSTRUCTION DOCUMENTS, BUT AT A MAXIMUM OF 16" O.C. VERTICALLY.

VENEER INTEL SUPPORT AS FOLLOWS:

SPAN	MEMBER	BEARING
7' - 4"	L3-1/2" x 3-1/2" x 5/16" LLV	6"
9' - 0"	L5" x 3-1/2" x 5/16" LLV	8"
10' - 0"	L6" x 3-1/2" x 5/16" LLV	8"
12' - 0"	L6" x 4" x 5/16" LLV	8"
14' - 0"	L7" x 4" x 5/16" LLV	8"
16' - 0"	L8" x 4" x 1/2" LLV	8"



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CORPORATE INC.

STRUCTURAL DESIGN CRITERIA

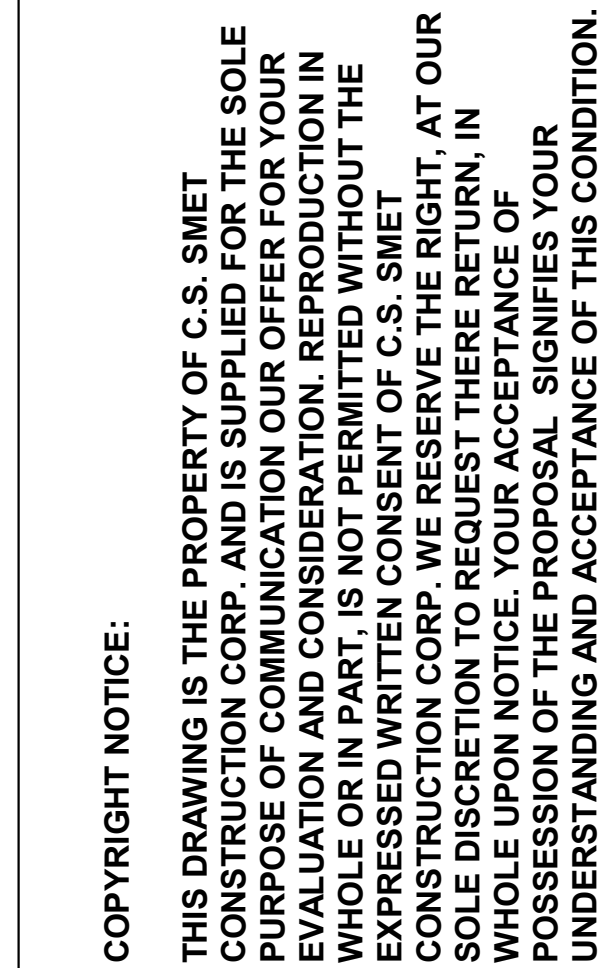
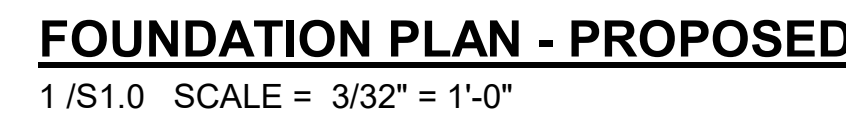
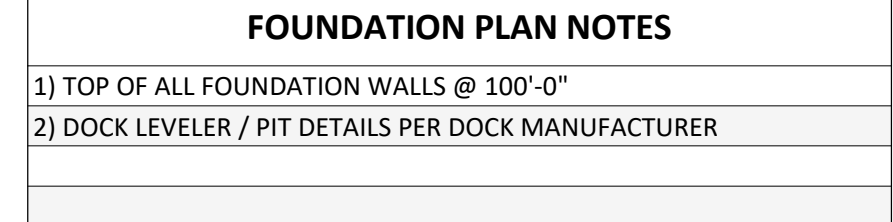
SALES

SHEET

S0.1

DATE: 4/30/2024 7:52:29 AM

SCALE: 12" = 1'-0"

[illegible]

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FOUNDATION PLAN
- OVERALL

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SMET NO.:	22106
ARCHT. NO.:	

SALES:	
SHEET:	S1.0

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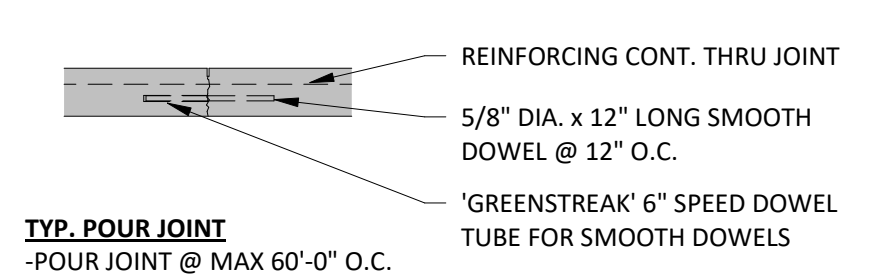
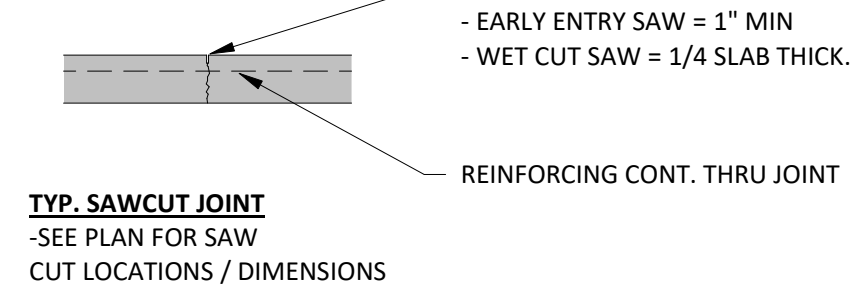
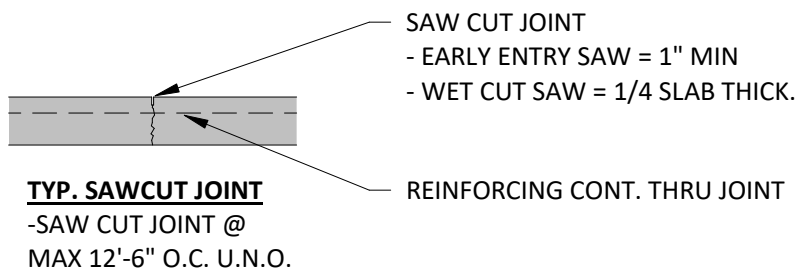
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FOUNDATION PLAN
- OVERALL

DRAWN BY:	Author
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SALES:	
SHEET:	S1.0

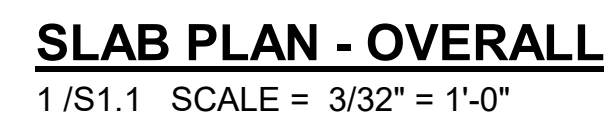
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TYPICAL INTERIOR CONCRETE SLAB

TYP. POUR JOINT
-POUR JOINT @ MAX 60'-0" O.C.



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MASSMAN
CORPORATE INC.

SLAB PLAN -
OVERALL

SALES:

SHEET:

S1.1

SCALE: As indicated

PRE-ENGINEERED METAL BUILDING FLOOR PLAN TO BE INSERTED ONCE INFORMATION IS RECEIVED

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ANCHOR BOLT
PLAN

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ARCHT. NO.:	

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SCALE:

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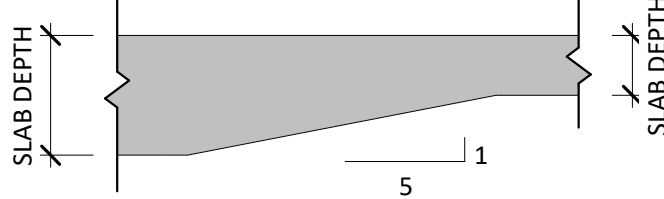
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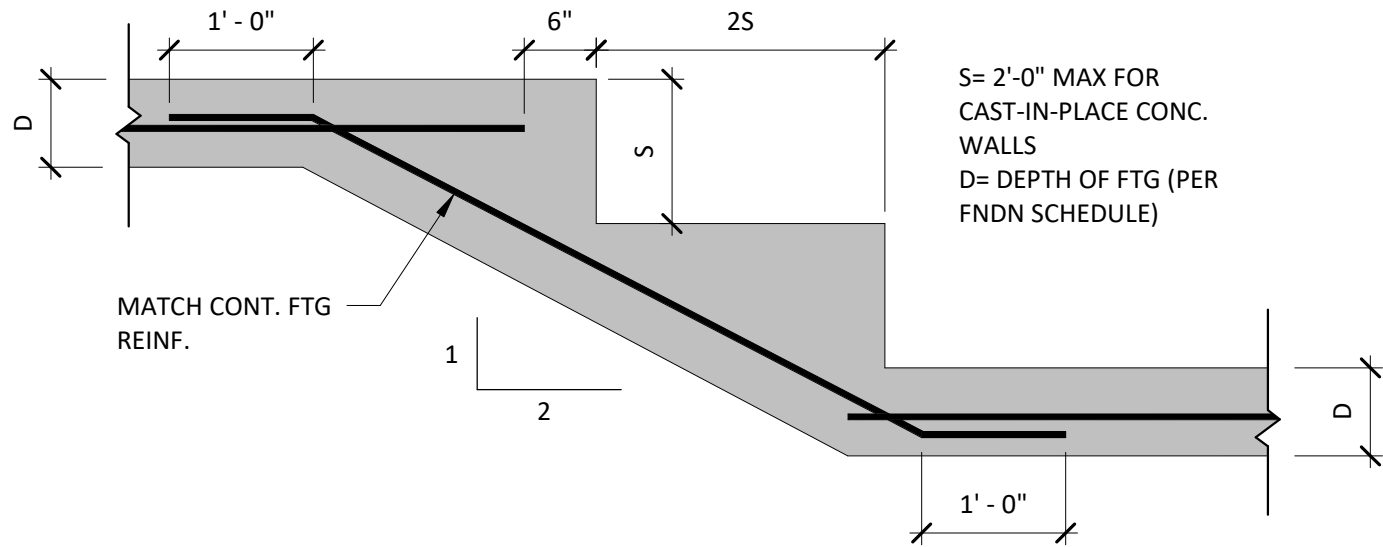
REVISIONS						

PROJECT INFO: MASSMAN CORPORATE INC. ANCHOR BOLT DETAILS	
DRAWN BY: Author	SALES:
SMET NO.: 22106	SHEET: S1.3
ARCHT. NO.:	
DATE: 4/30/2024 7:52:31 AM	
SCALE: 3/4" = 1'-0"	



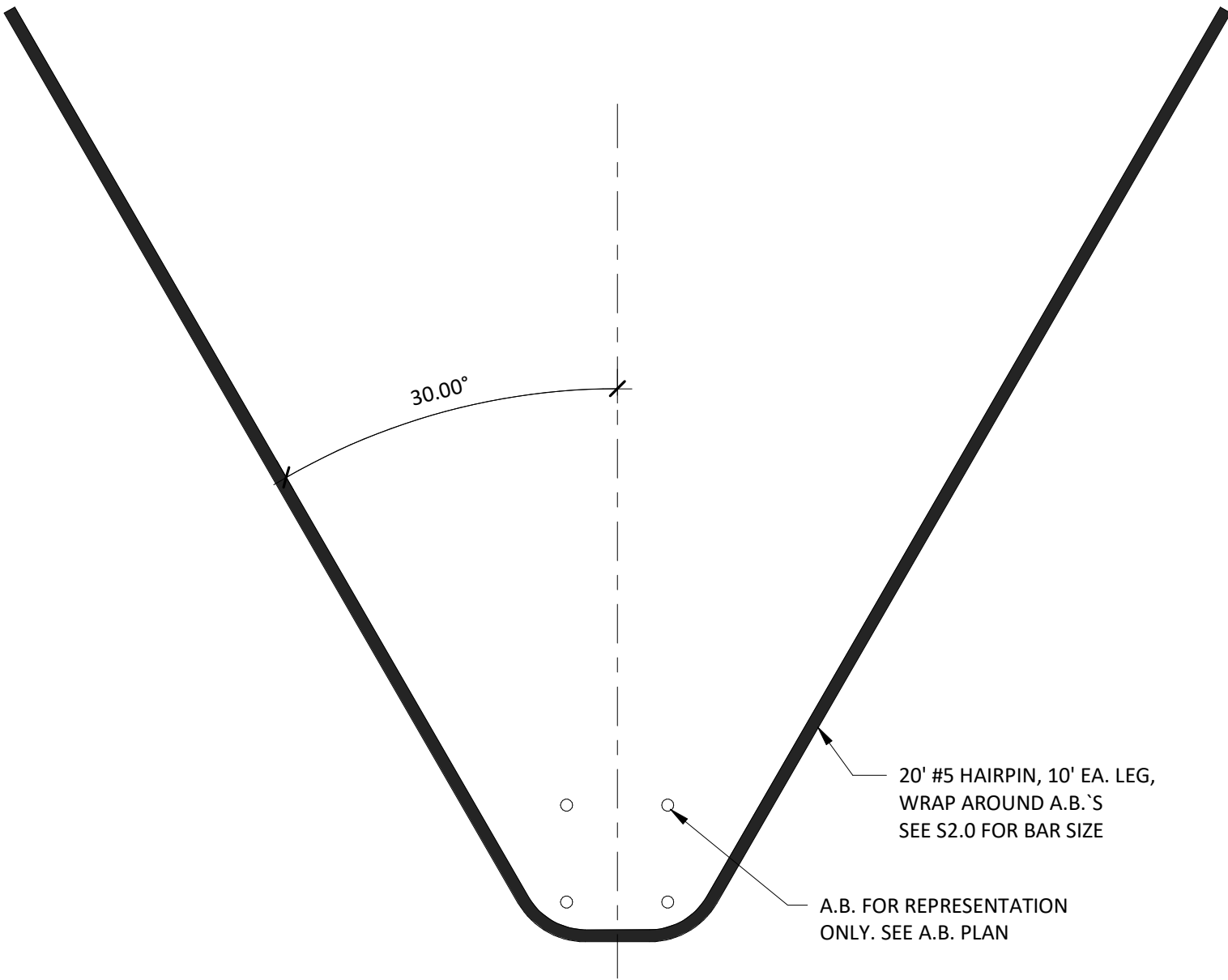
SLAB THICKNESS CHANGE DETAIL

4 /S2.1 SCALE = 3/4" = 1'-0"



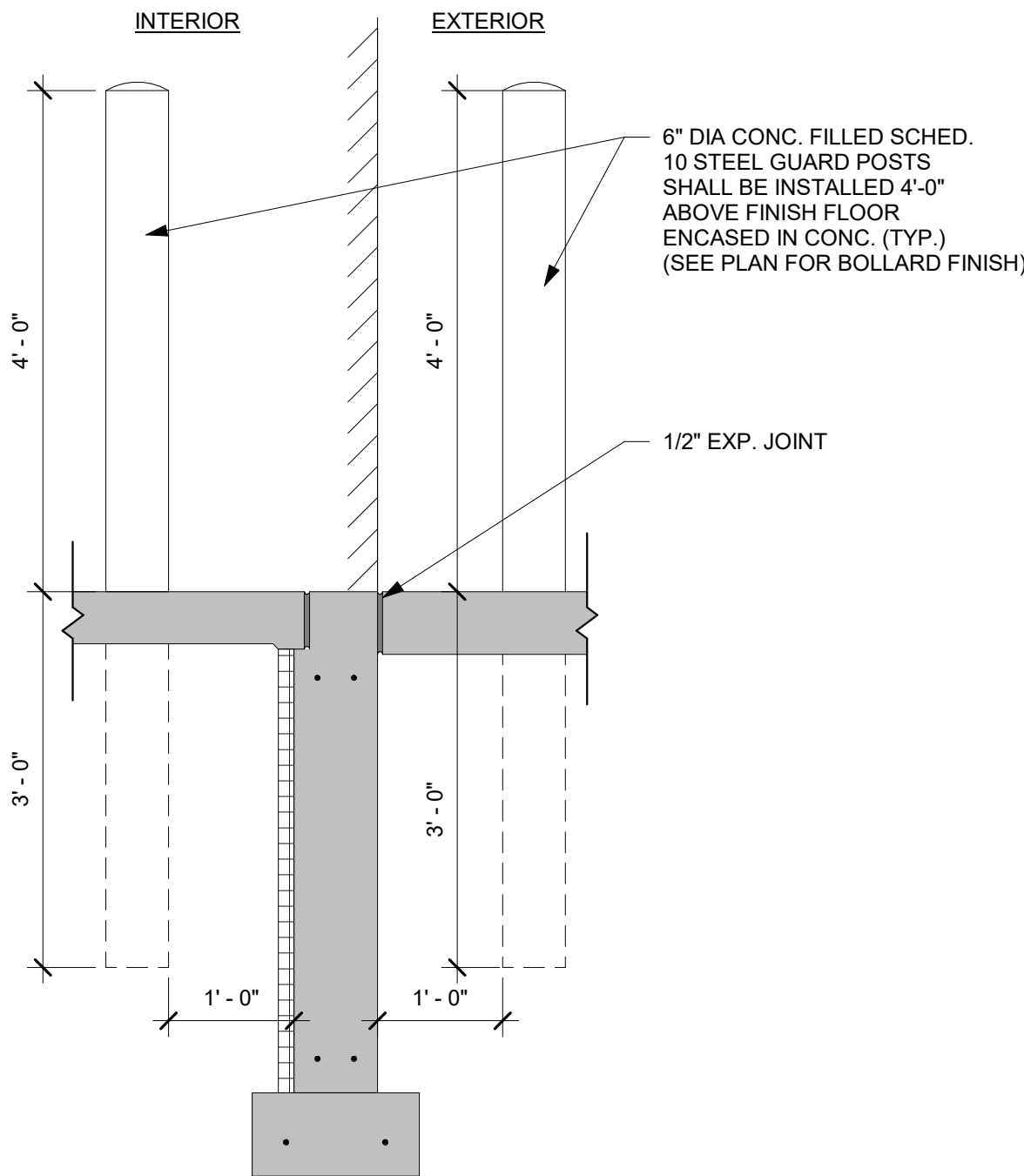
FOOTING STEP

3 /S2.1 SCALE = 3/4" = 1'-0"



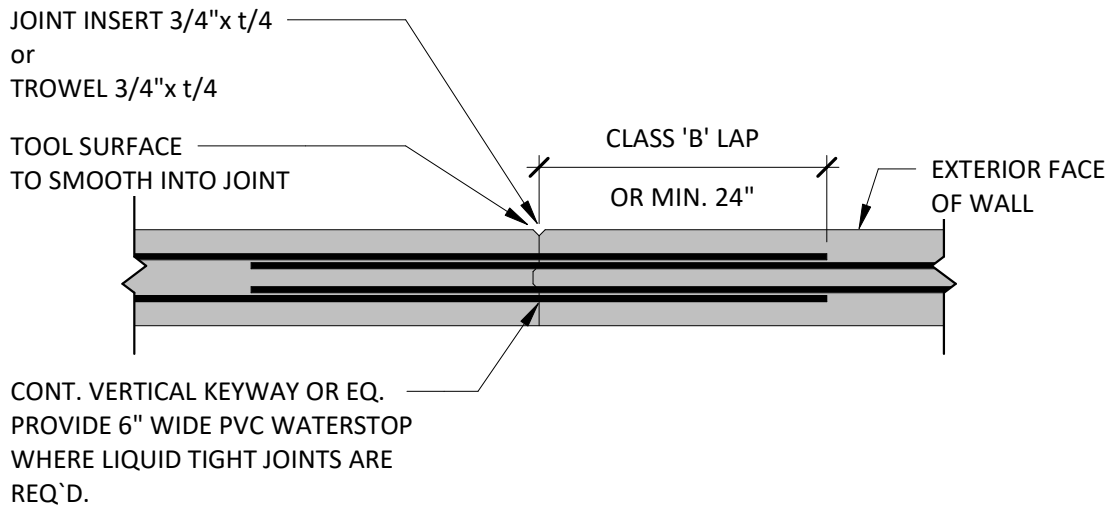
HAIRPIN-HP1

2 /S2.1 SCALE = 3/4" = 1'-0"



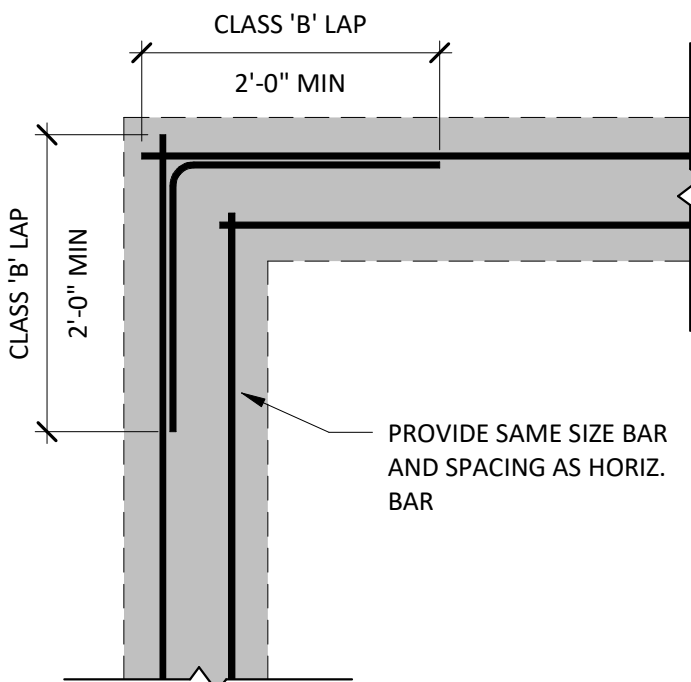
BOLLARD DETAIL

8 /S2.1 SCALE = 3/4" = 1'-0"



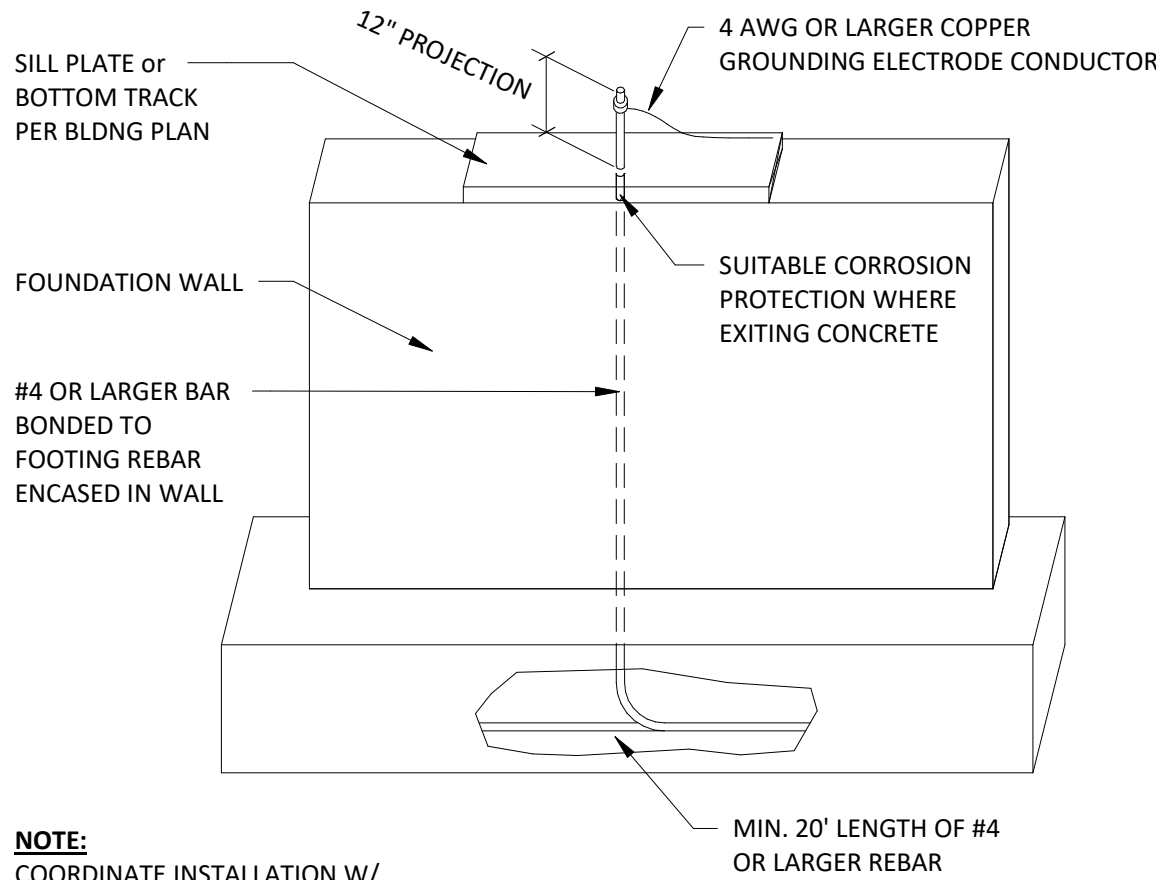
WALL VERTICAL CONST. JOINT

7 /S2.1 SCALE = 3/4" = 1'-0"



FOOTING CORNER REINFORCEMENT

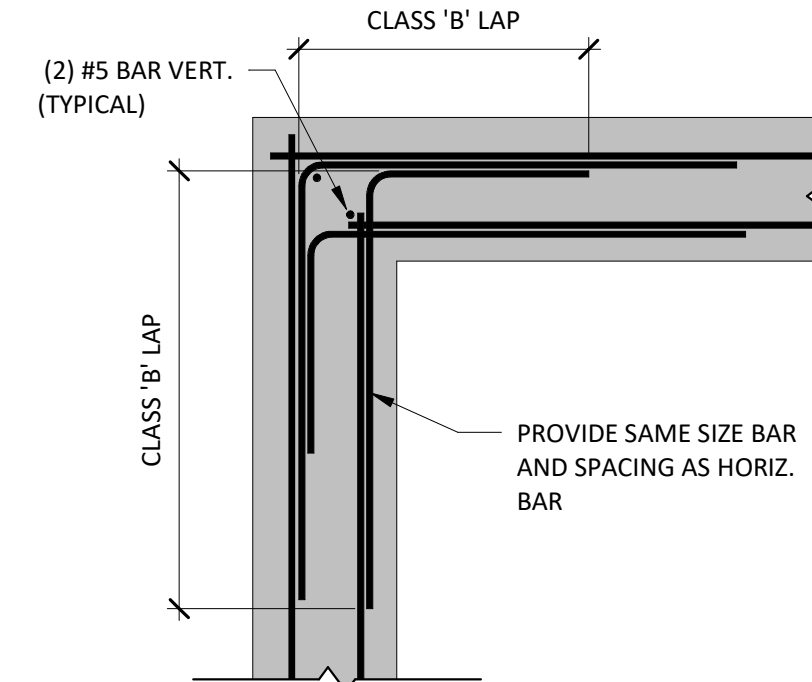
6 /S2.1 SCALE = 3/4" = 1'-0"



NOTE:
COORDINATE INSTALLATION W/
ELECTRICAL CONTRACTOR

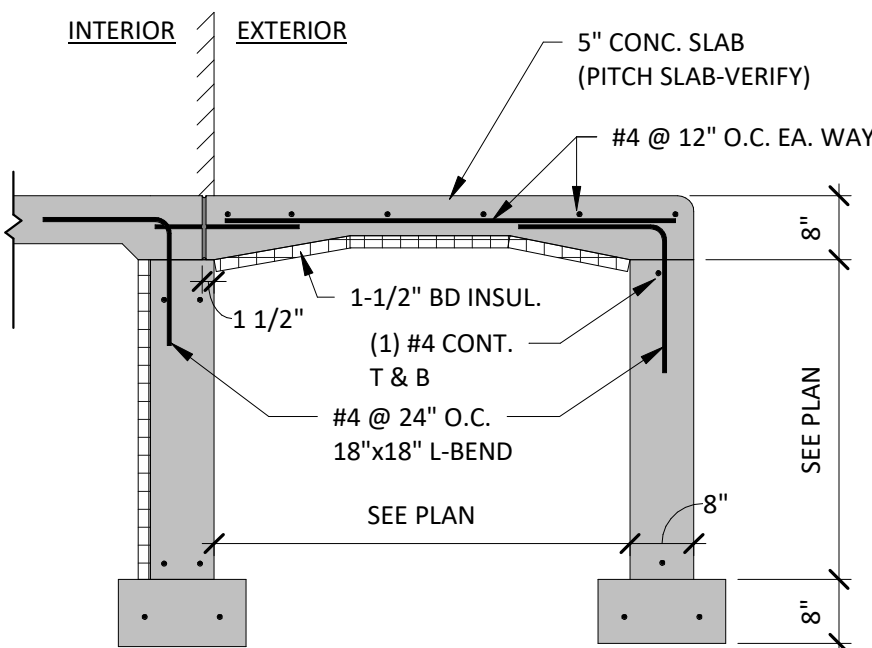
CONCRETE ENCASED ELECTRODE FROST WALL

1 /S2.1 SCALE = 1/8" = 1'-0"



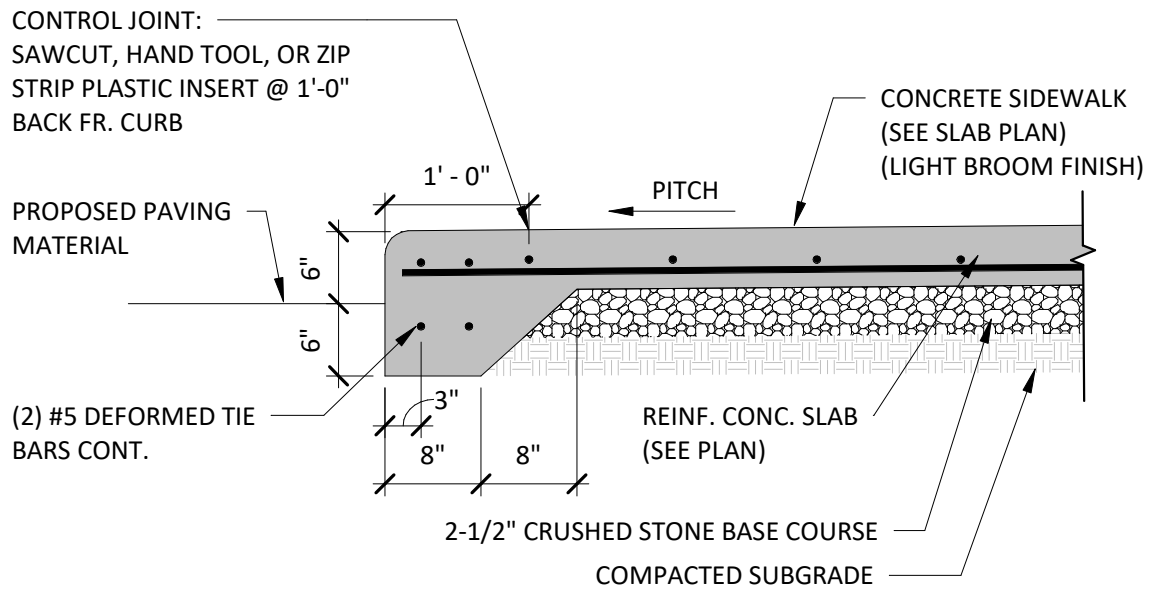
WALL CORNER REINFORCEMENT DOUBLE MAT

5 /S2.1 SCALE = 3/4" = 1'-0"



STOOP DIMENSIONS AT SERVICE DOORS

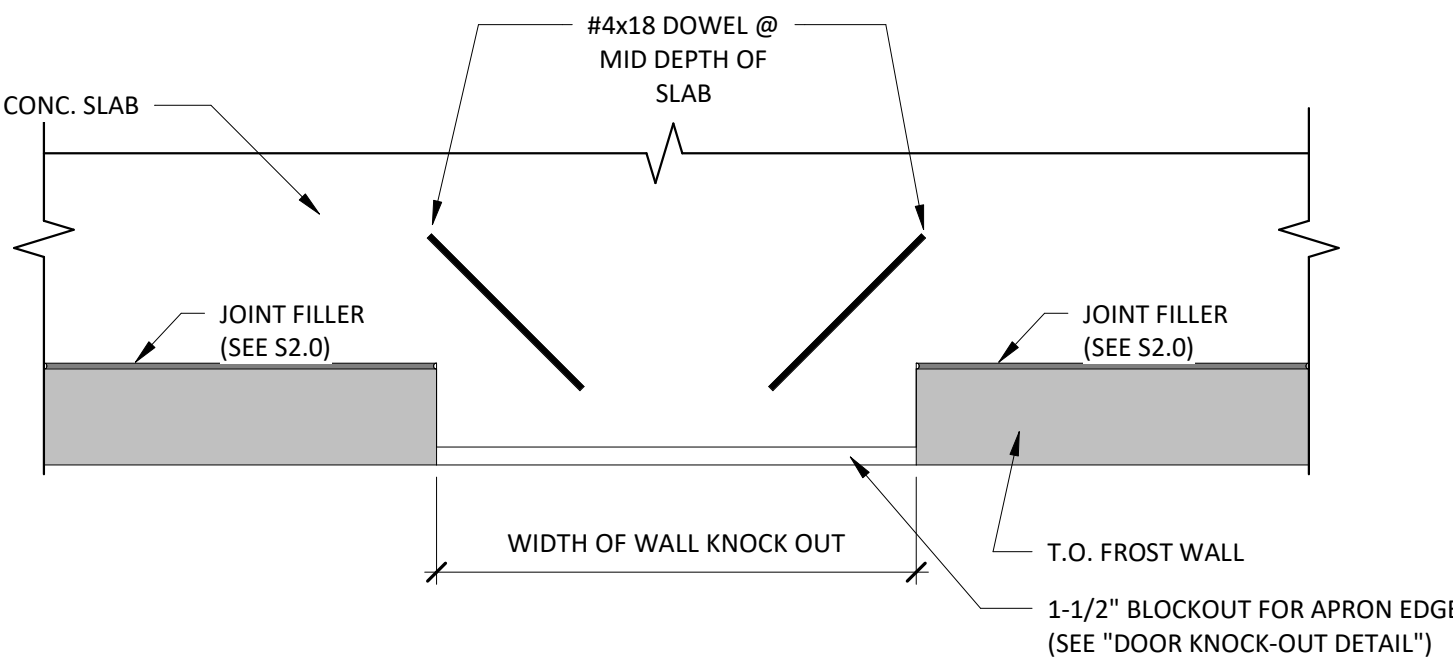
12 /S2.1 SCALE = 1/2" = 1'-0"



NOTE:
A. PLACE EXPANSION JOINT WHERE WALK ABUTS BUILDING DEPRESS TOP BELOW SURFACE OF SLAB & SEAL WITH COLD POURED SILICONE WYPE JOINT SEAL.
B. UNLESS OTHERWISE NOTED ON THE PLANS ALL SIDEWALKS SHALL HAVE A MAX CROSS SLOPE OF 2%.

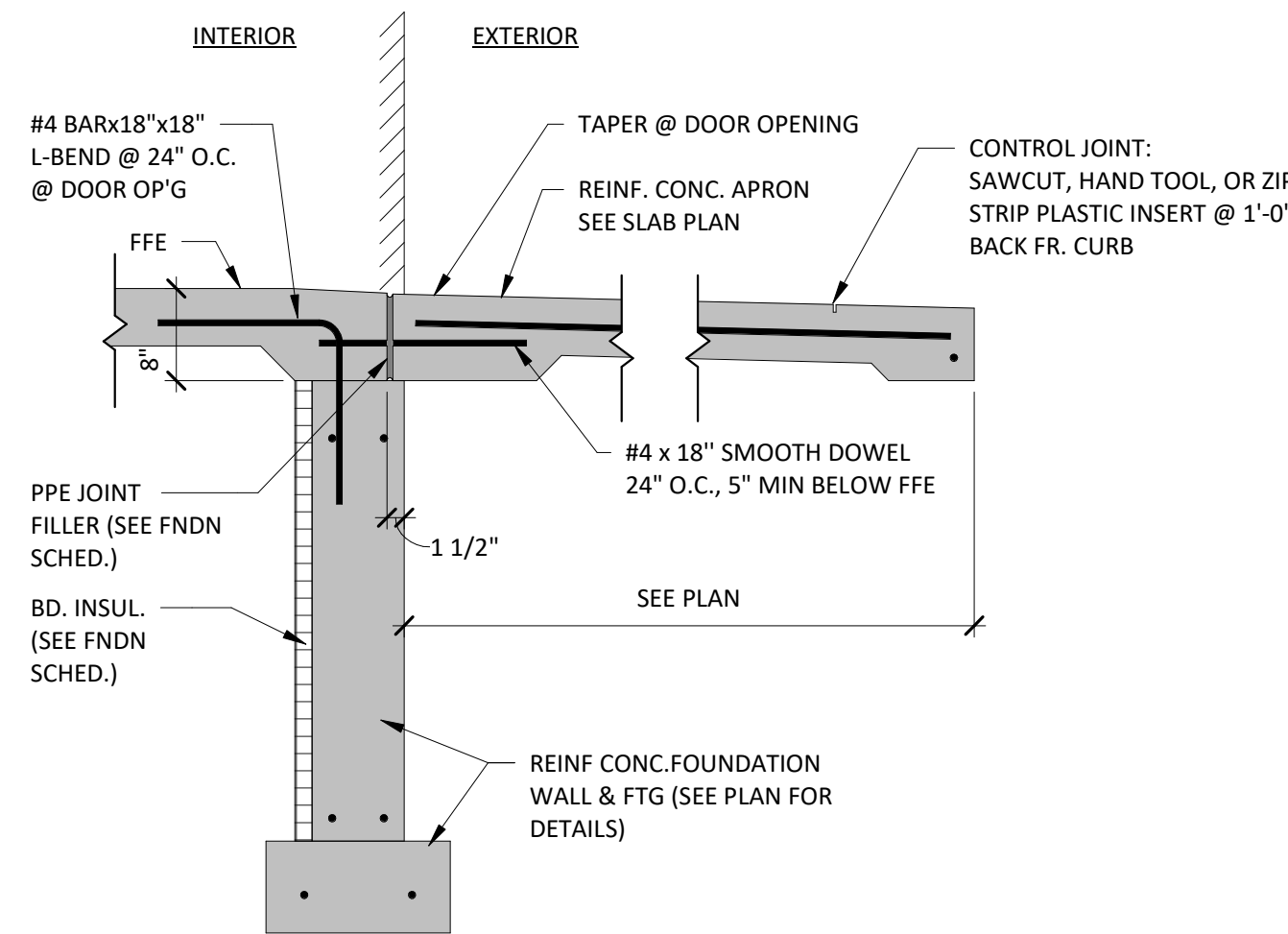
INTEGRAL CONCRETE CURB & SIDEWALK DETAIL

11 /S2.1 SCALE = 3/4" = 1'-0"



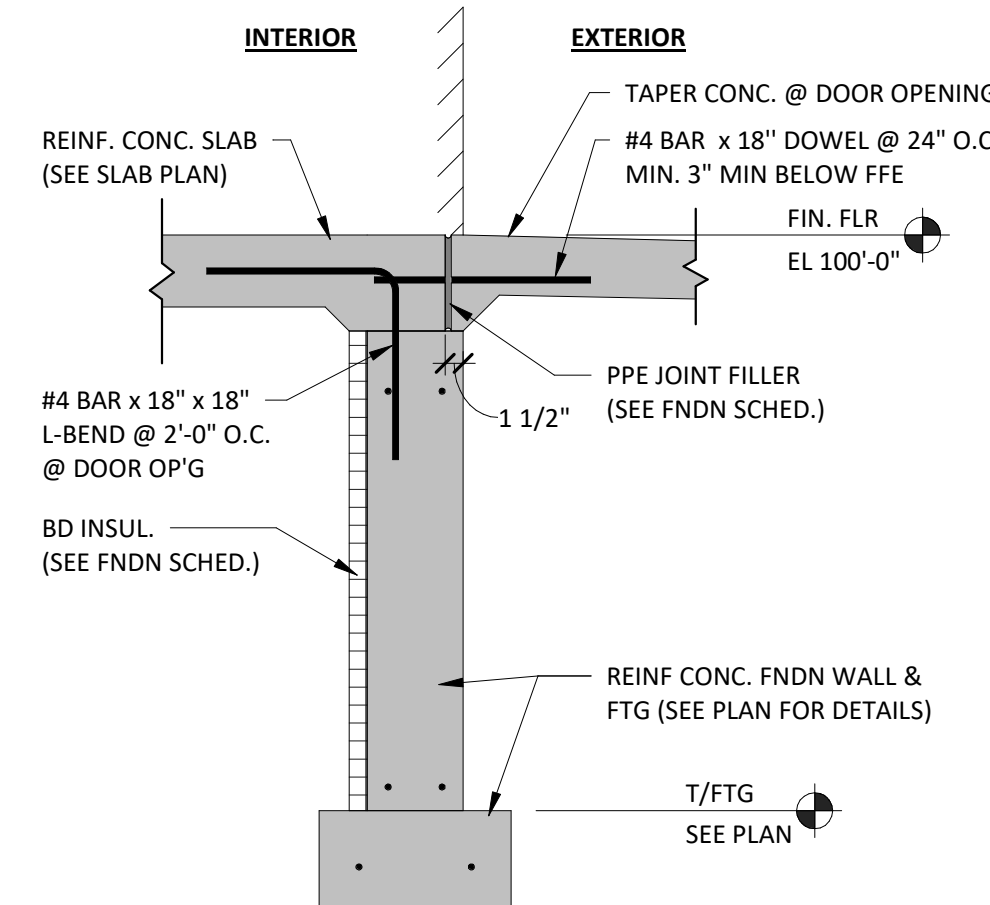
REBAR @ ALL DOOR OPENINGS

10 /S2.1 SCALE = 3/4" = 1'-0"



APRON DETAIL

9 /S2.1 SCALE = 3/4" = 1'-0"



DOOR KNOCK-OUT DETAIL

13 /S2.1 SCALE = 3/4" = 1'-0"



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Author

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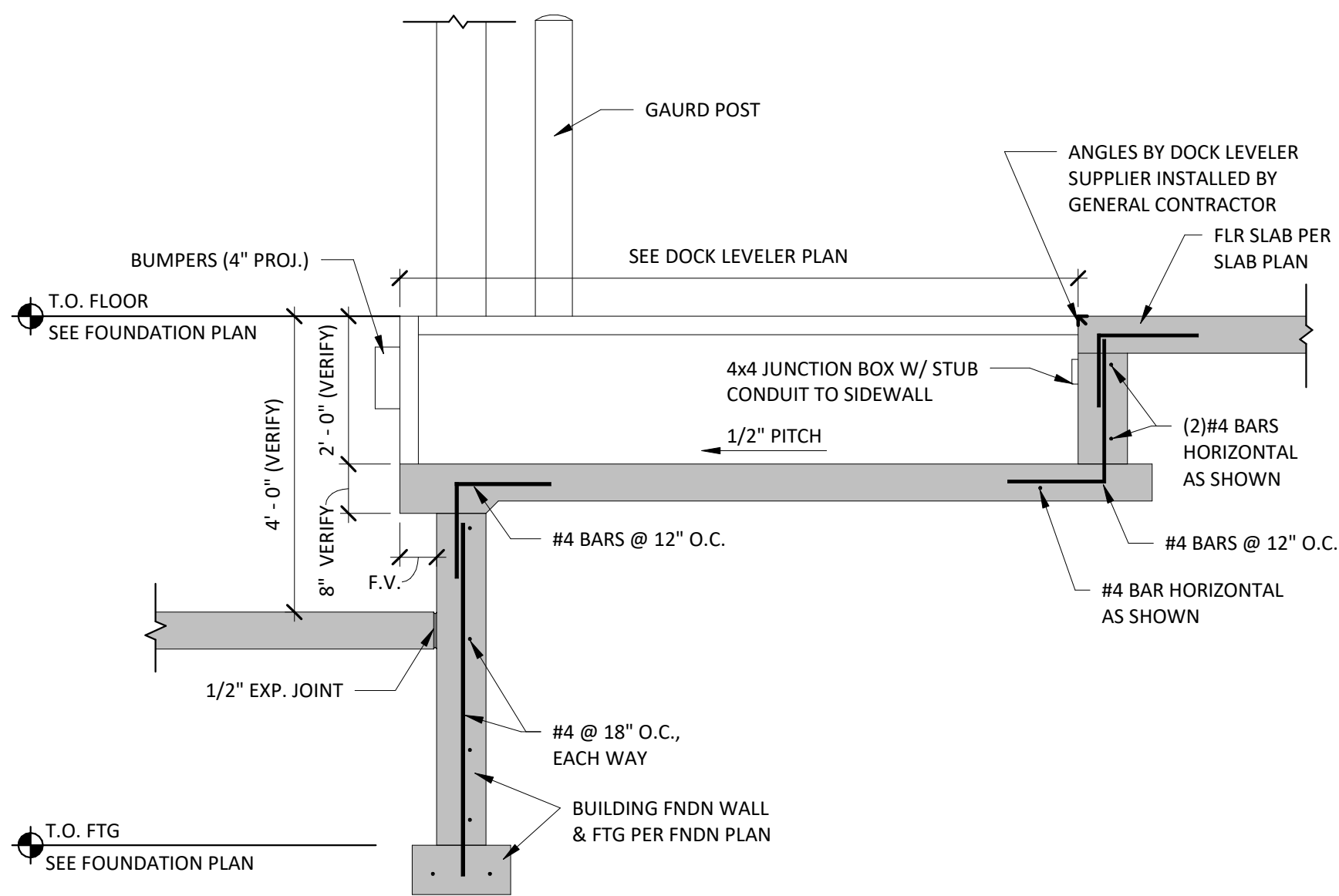
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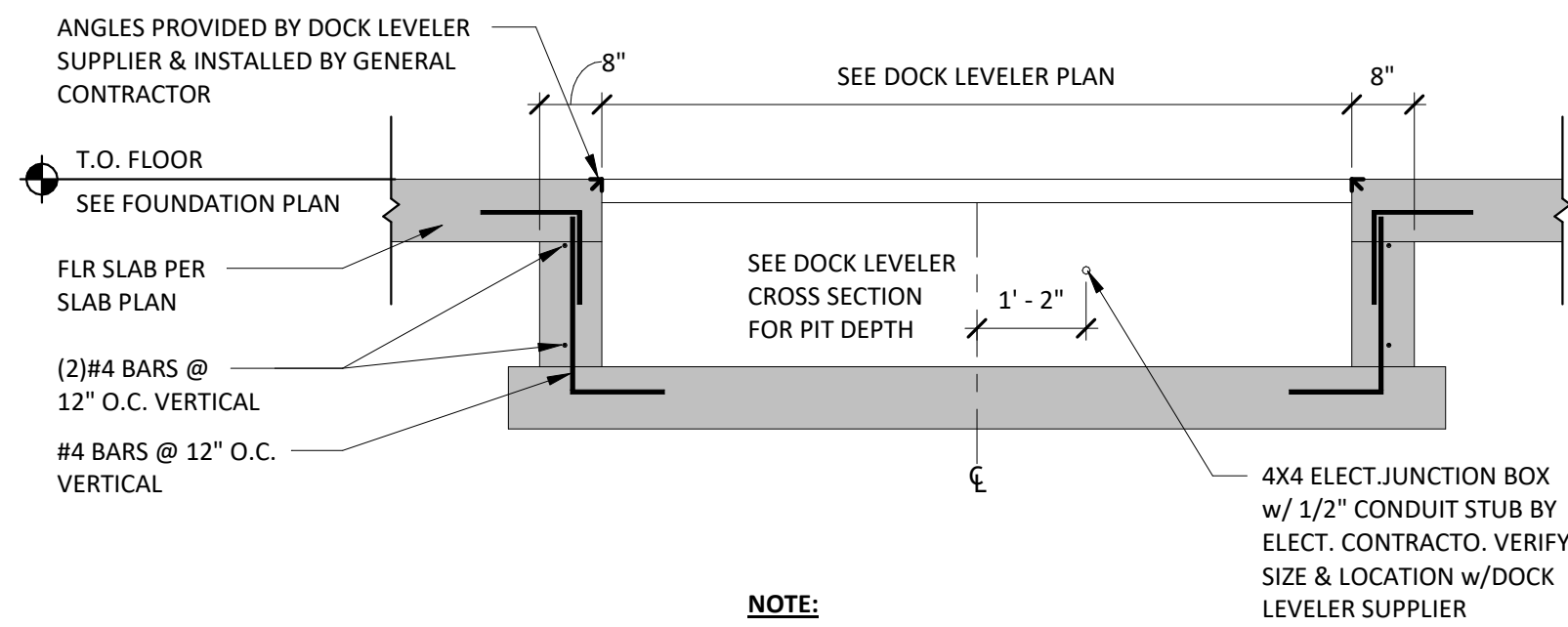
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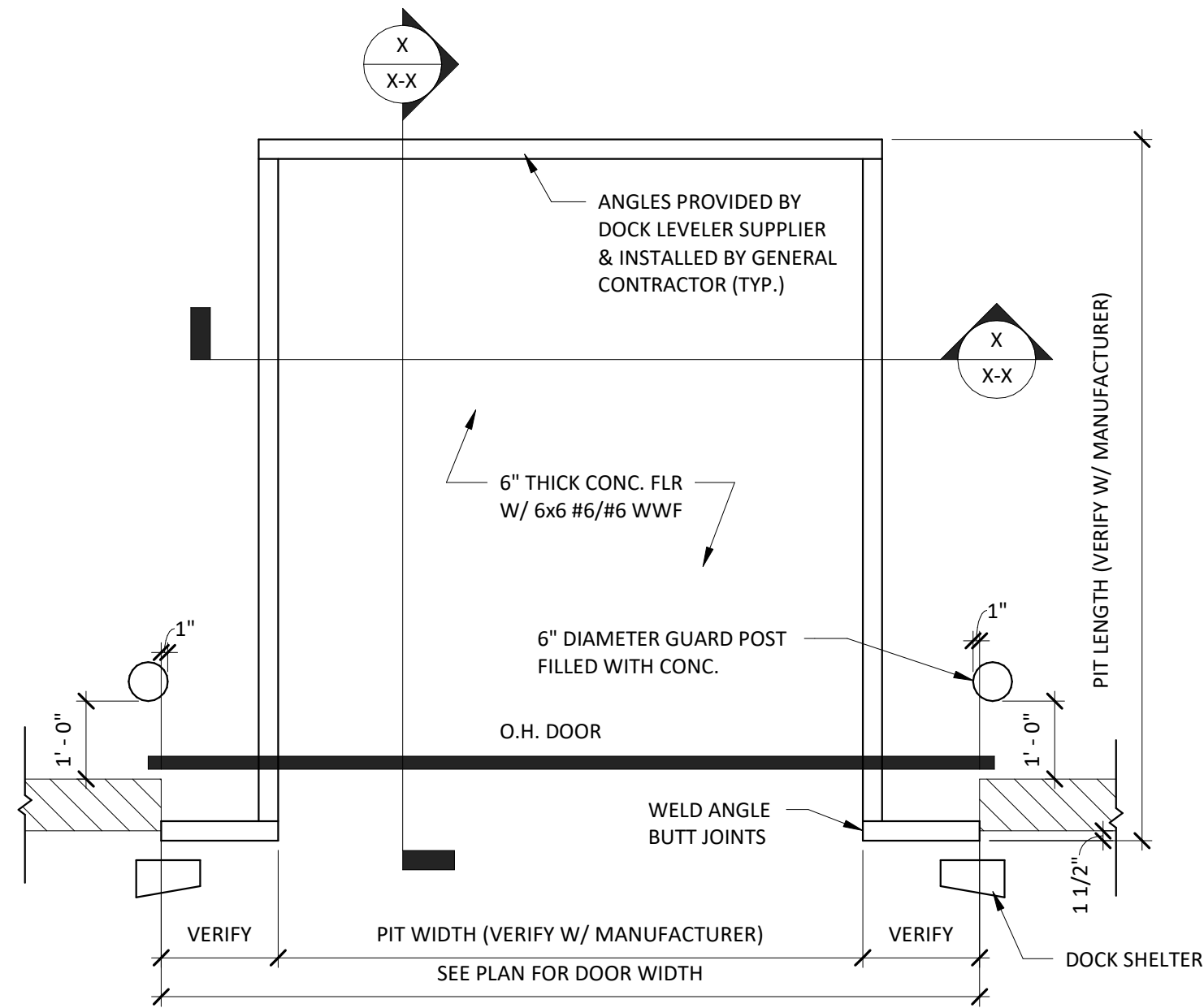
DOCK LEVELER (LONGITUDINAL) CROSS SECTION

3 /S2.2 SCALE = 1/2" = 1'-0"



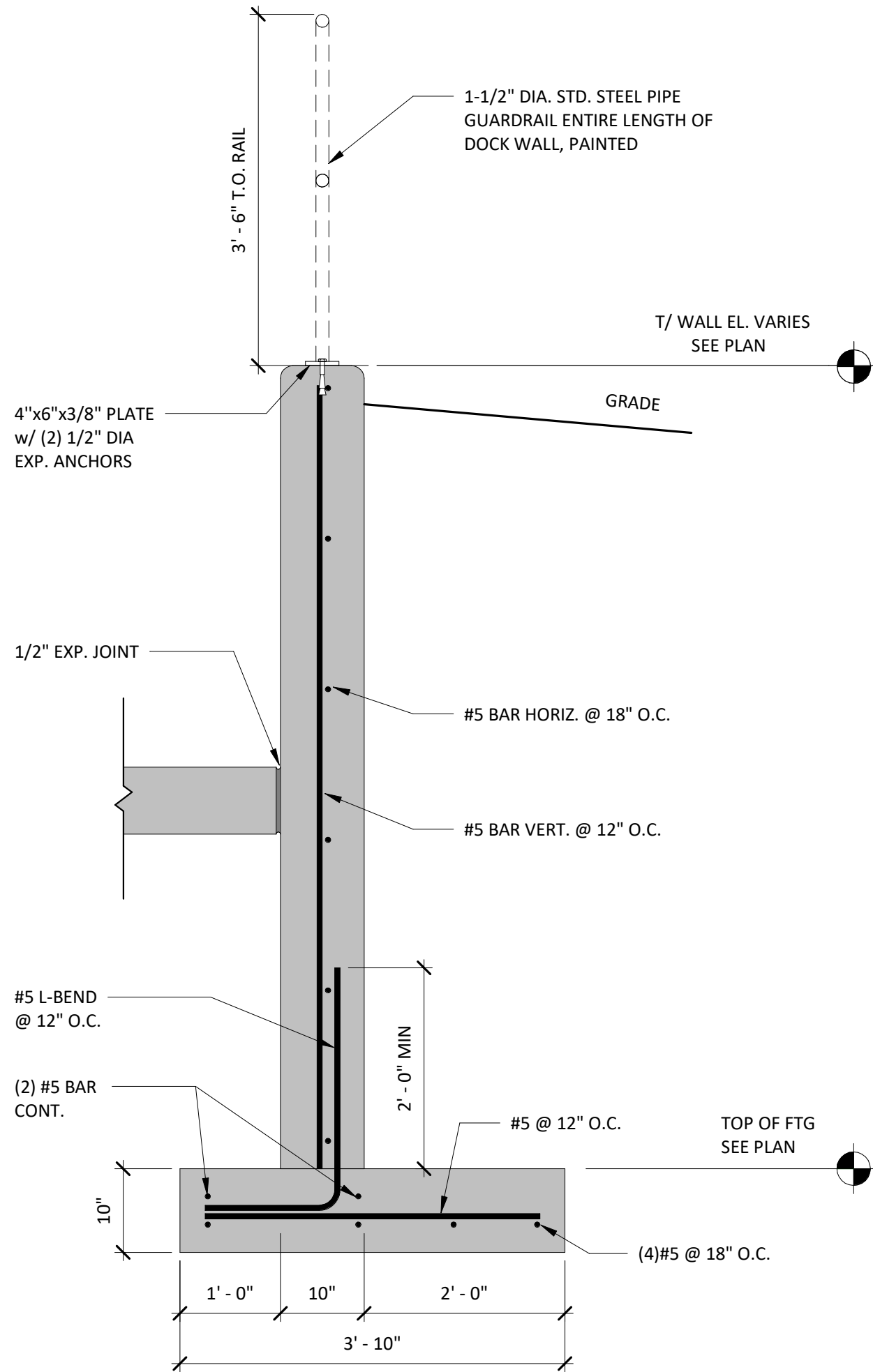
DOCK LEVELER CROSS SECTION

2 /S2.2 SCALE = 1/2" = 1'-0"



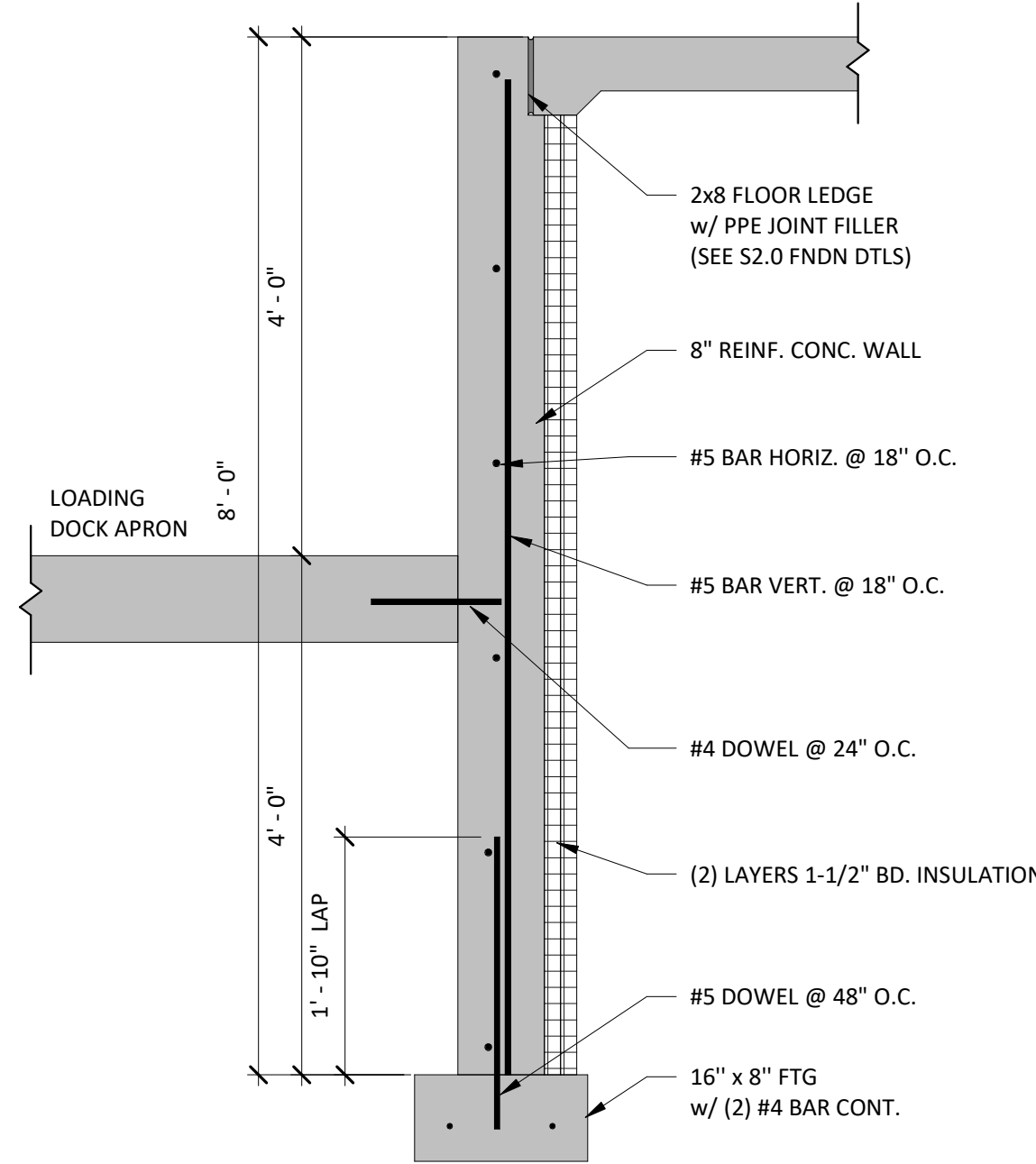
DOCK LEVELER PLAN VIEW

1 /S2.2 SCALE = 1/2" = 1'-0"



10" x 8'-0" LOADING DOCK RETAINING WALL

5 /S2.2 SCALE = 3/4" = 1'-0"



8" x 8'-0" DOCK WALL DETAIL

4 /S2.2 SCALE = 3/4" = 1'-0"

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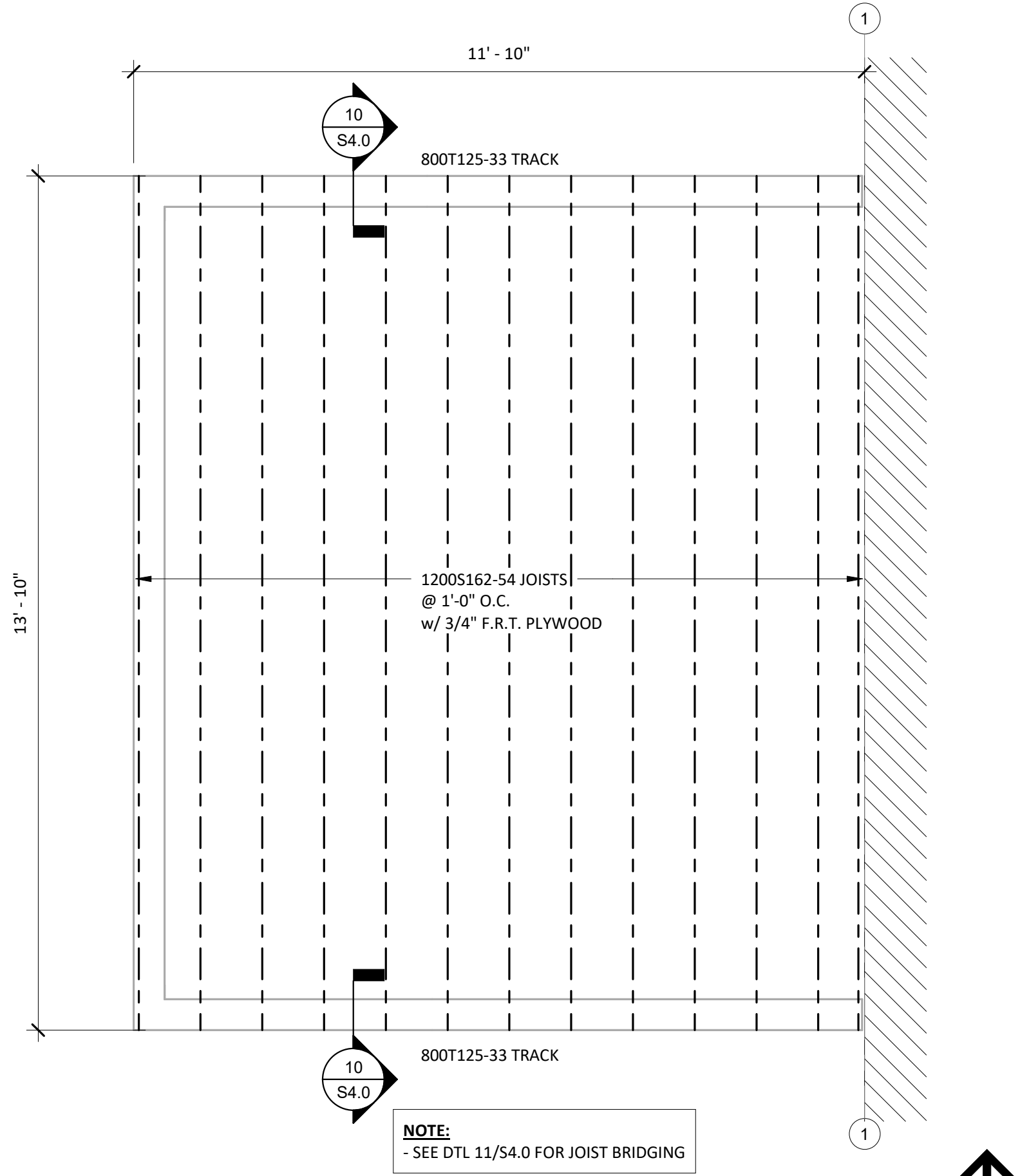
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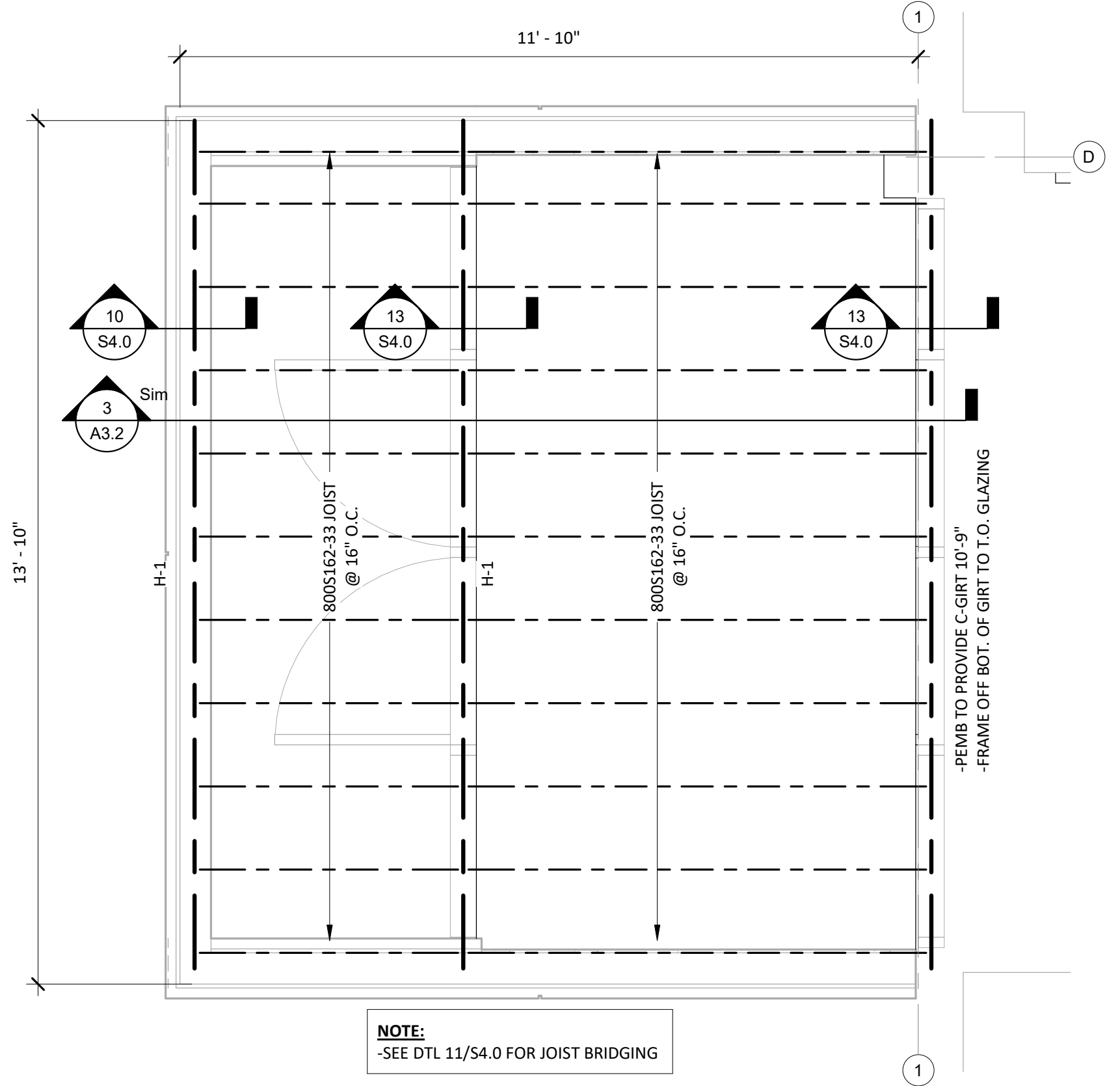
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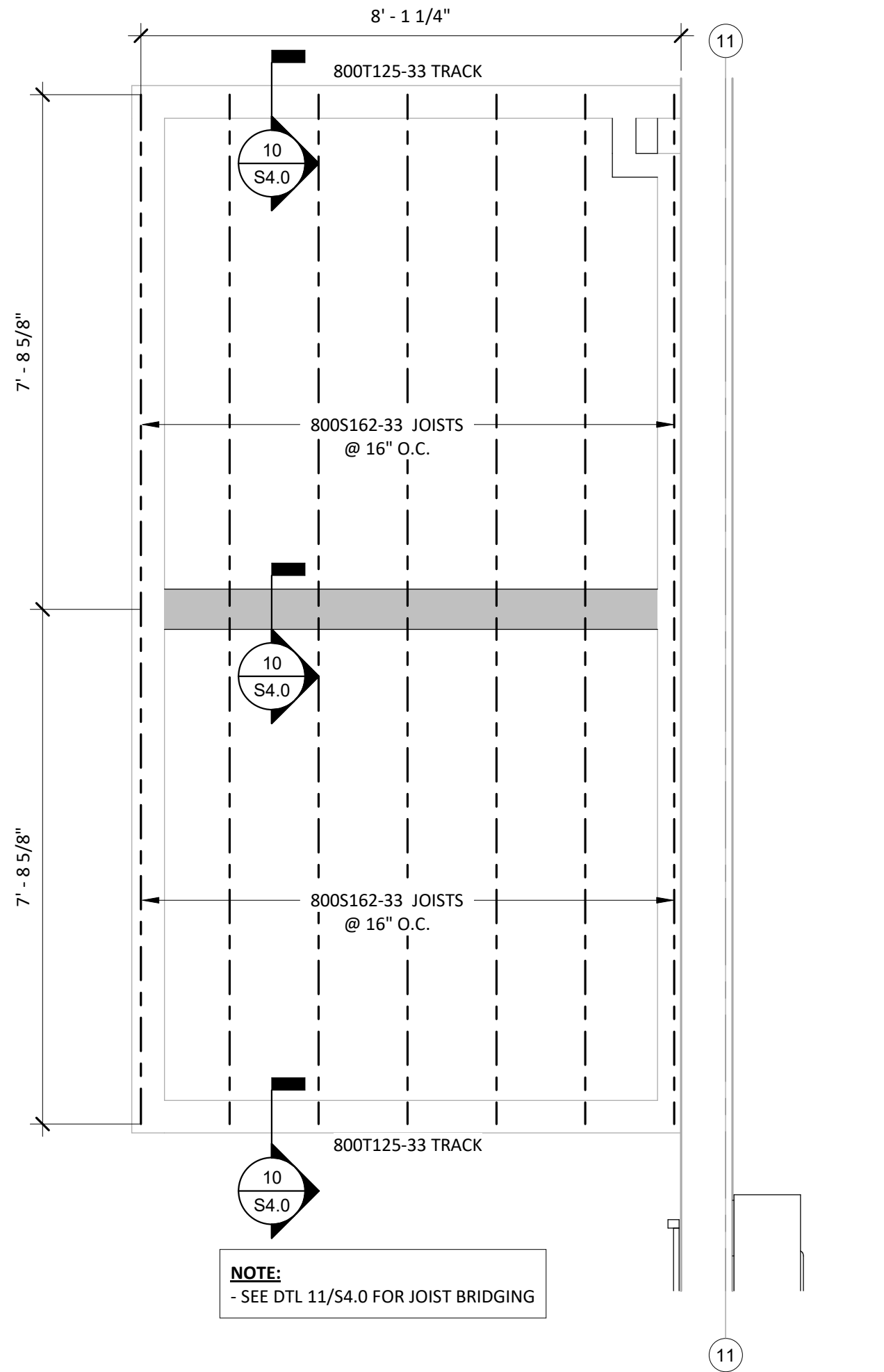
SCALE: As indicated



FRAMING PLAN - VESTIBULE ROOF
2 / S3.0 SCALE = 1/2" = 1'-0"



FRAMING PLAN - CEILING VESTIBULE
1 / S3.0 SCALE = 1/2" = 1'-0"



FRAMING PLAN - SHOP RESTROOMS
3 / S3.0 SCALE = 1/2" = 1'-0"

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	NO.	DESCRIPTION	DATE	BY

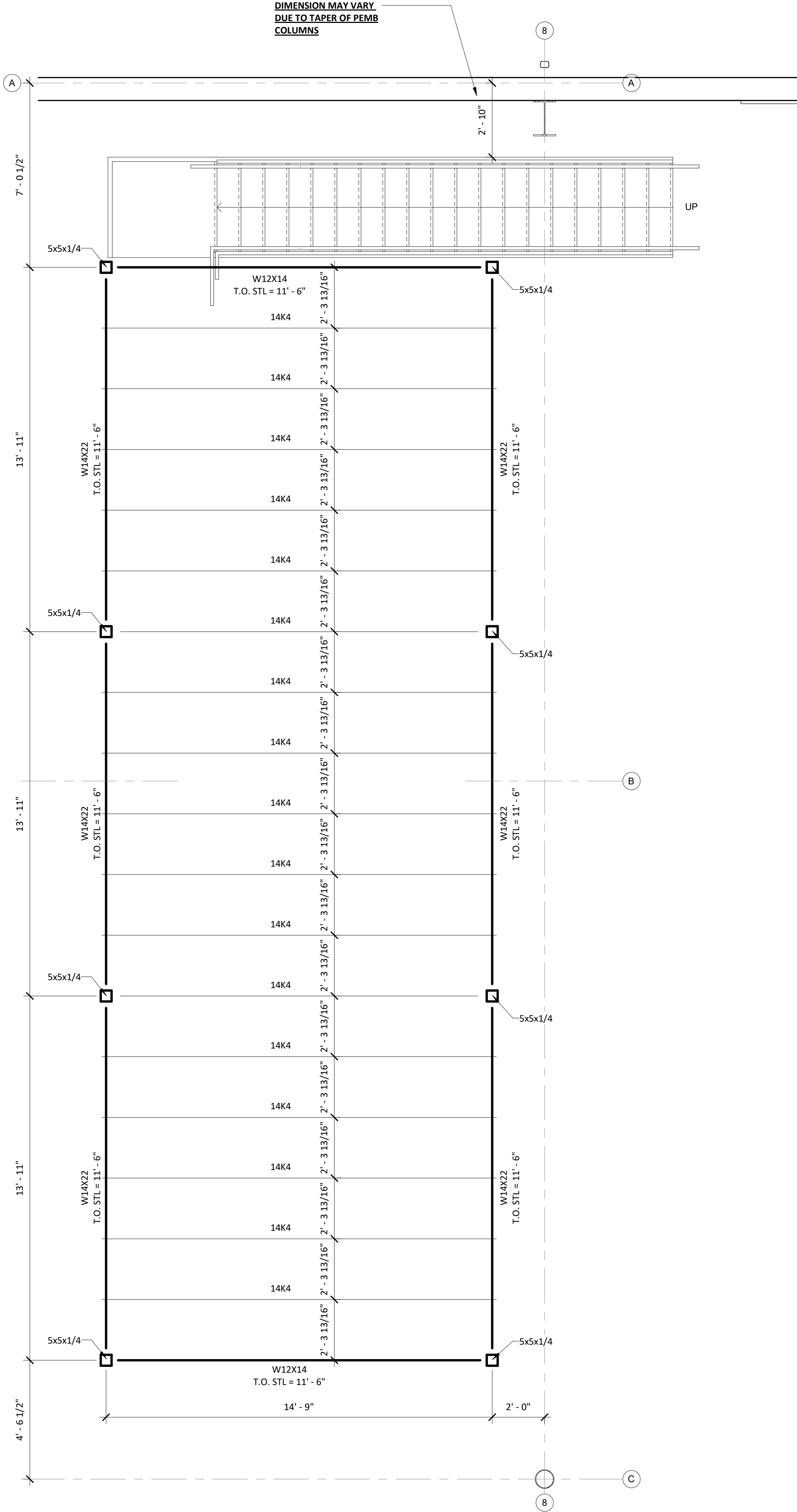
PROJECT INFO:

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FRAMING PLANS -
VESTIBULE / SHOP
REST.

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ARCHT. NO.:	

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SCALE: 1/2" = 1'-0"



ALTERNATE PRICE FOR MEZZANINE
FRAMING PLAN - STANDALONE MEZZANINE
1/S3.1 SCALE = 3/8" = 1'-0"



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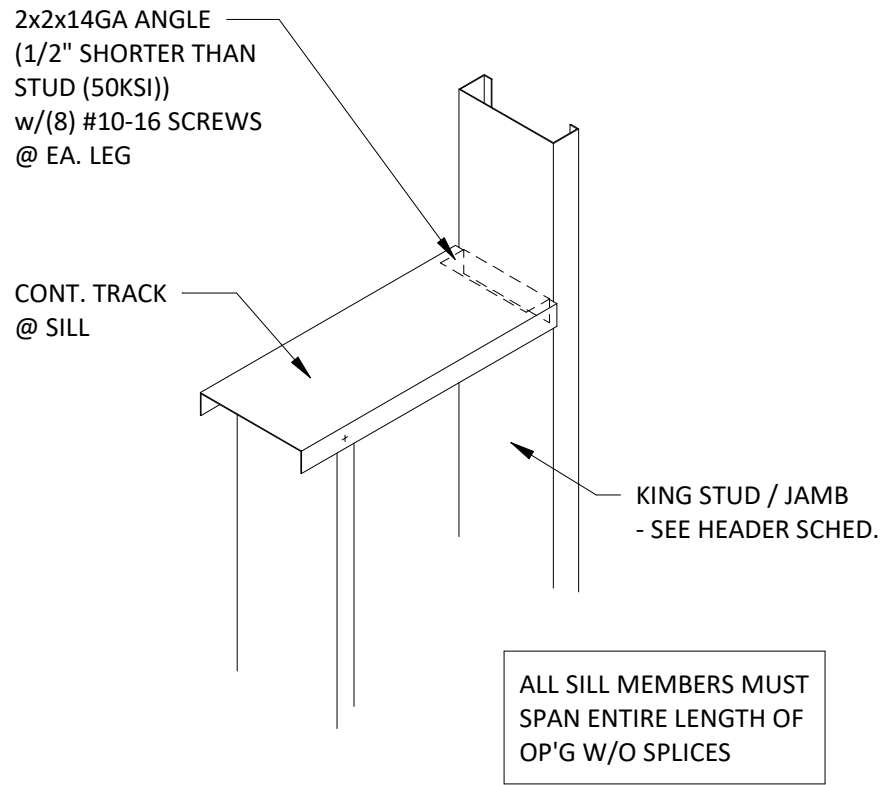
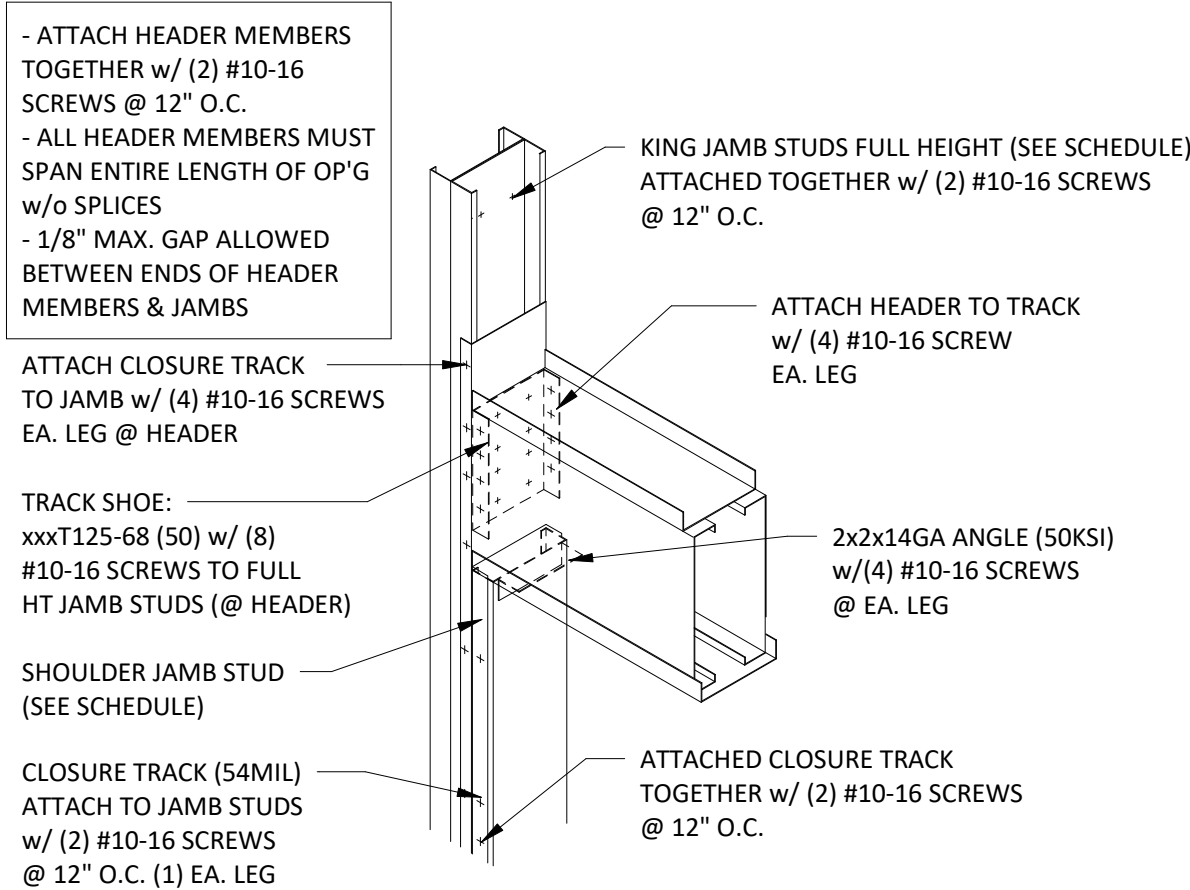
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FRAMING PLAN -
STANDALONE
MEZZANINE

DRAWN BY: Author	SALES:
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ARCHT. NO.:	

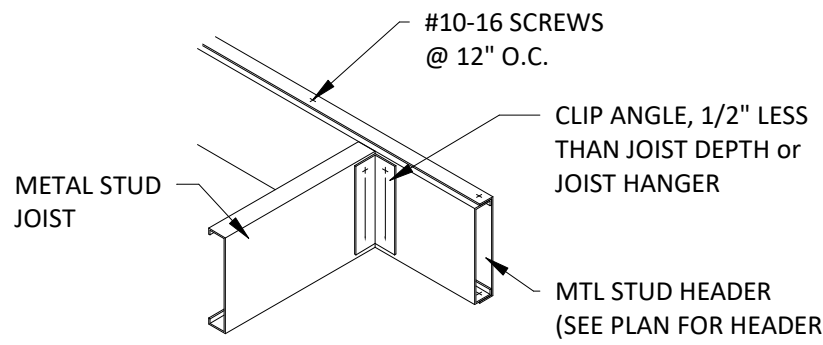
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CFS HEADER SCHEDULE									
MARK	HEADER			TRACK			JAMB		
	No.	SIZE	GRADE	No.	SIZE	GRADE	No.	SIZE	GRADE
H-1	2	800S350-54	50	2	800T125-54	50	2	800S300-97	50



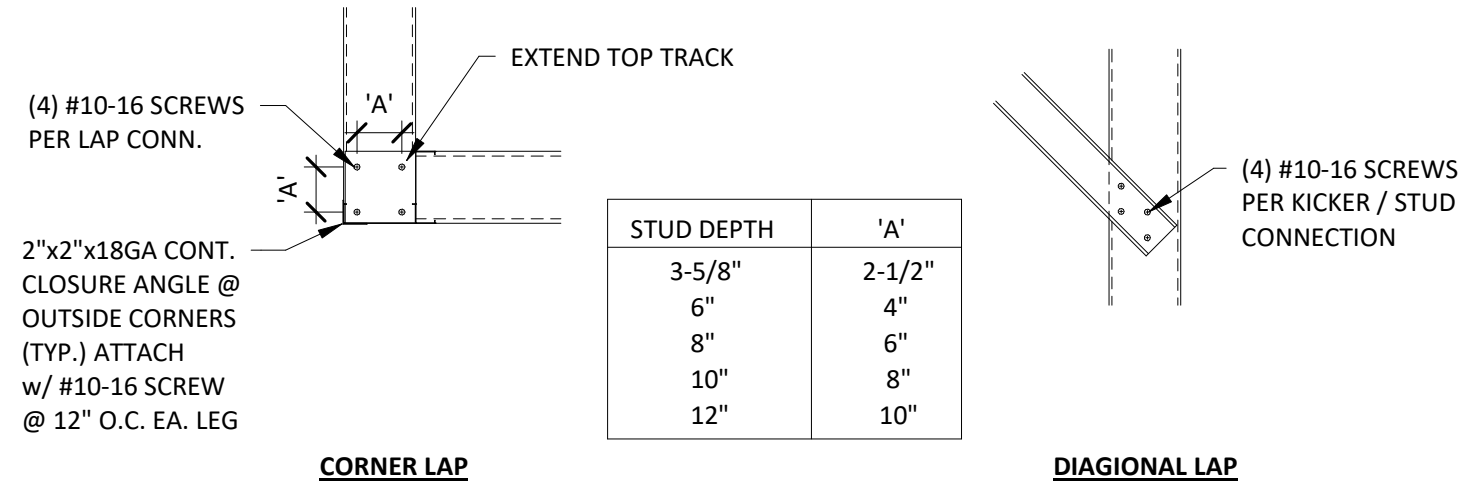
SILL - JAMB DETAIL

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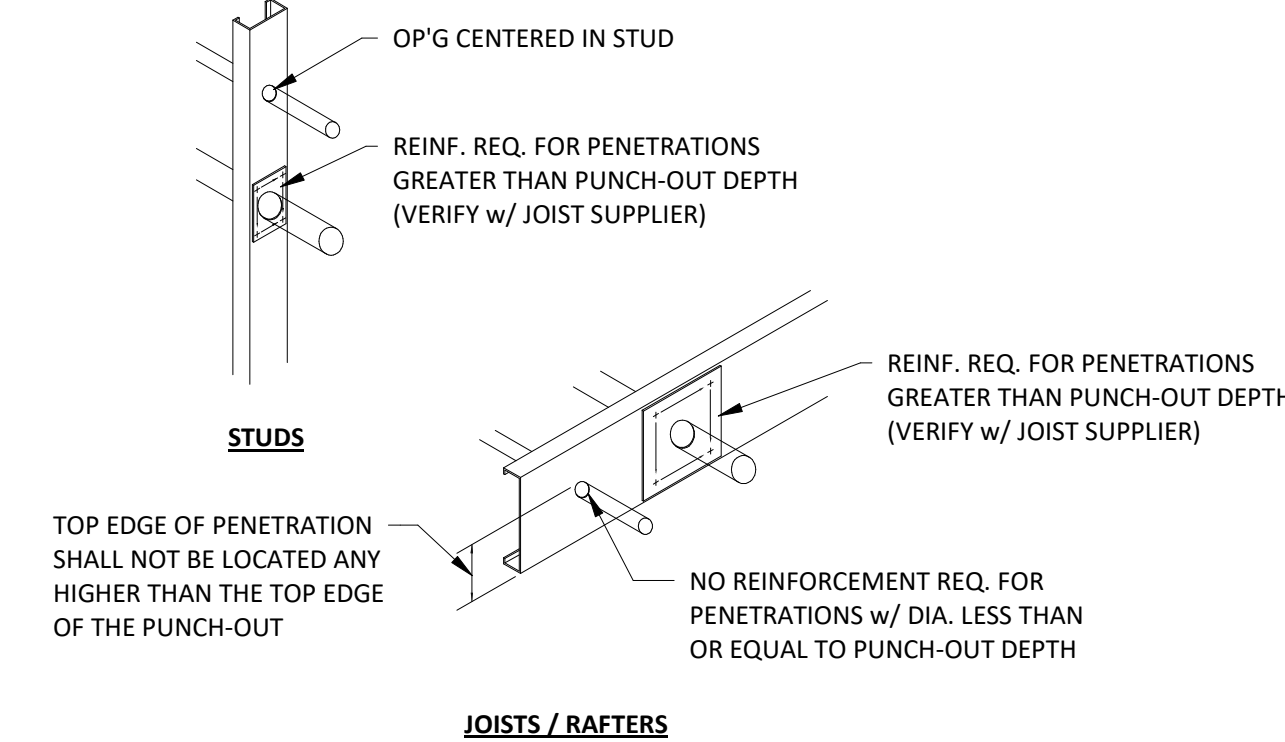
JOIST STUD HEADER DETAIL

13 /S4.0 SCALE = 3/4" = 1'-0"



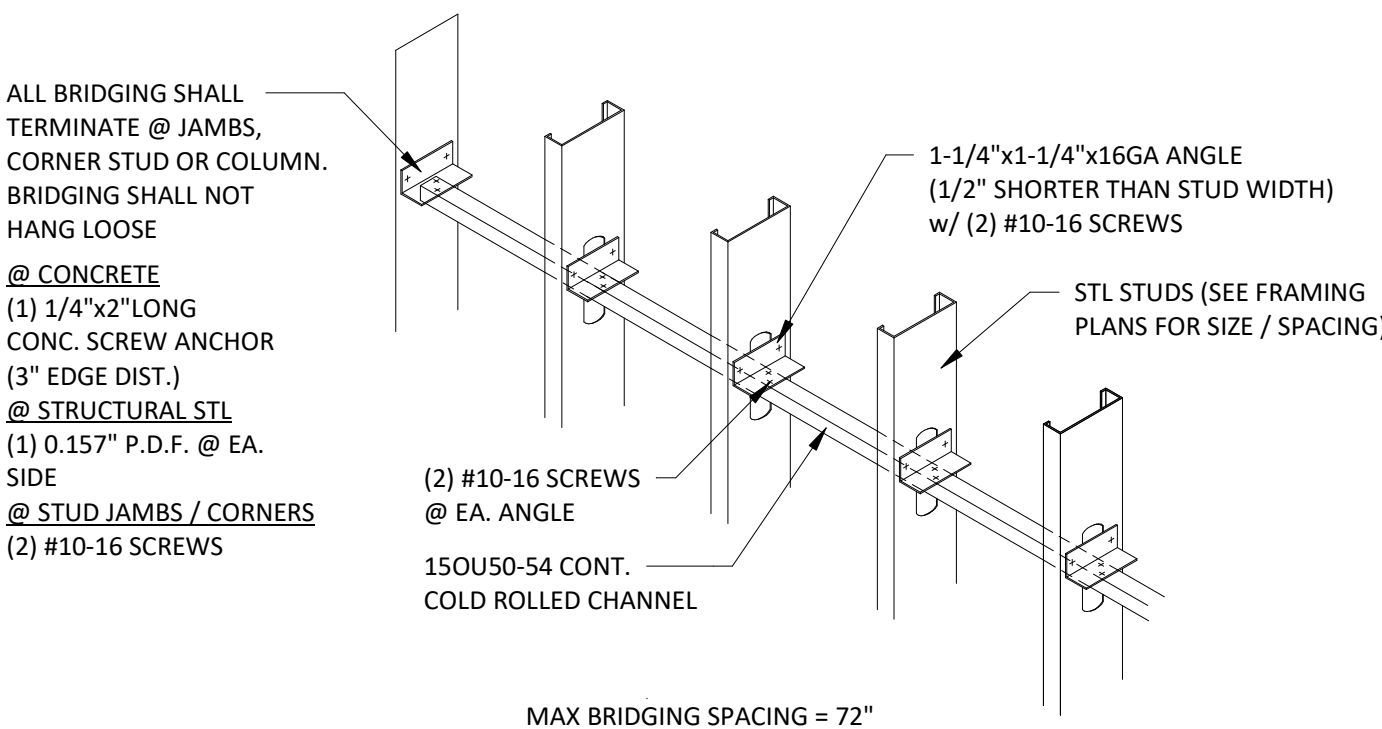
CORNER & DIAGONAL LAP CONNECTIONS

7 /S4.0 SCALE = 3/4" = 1'-0"



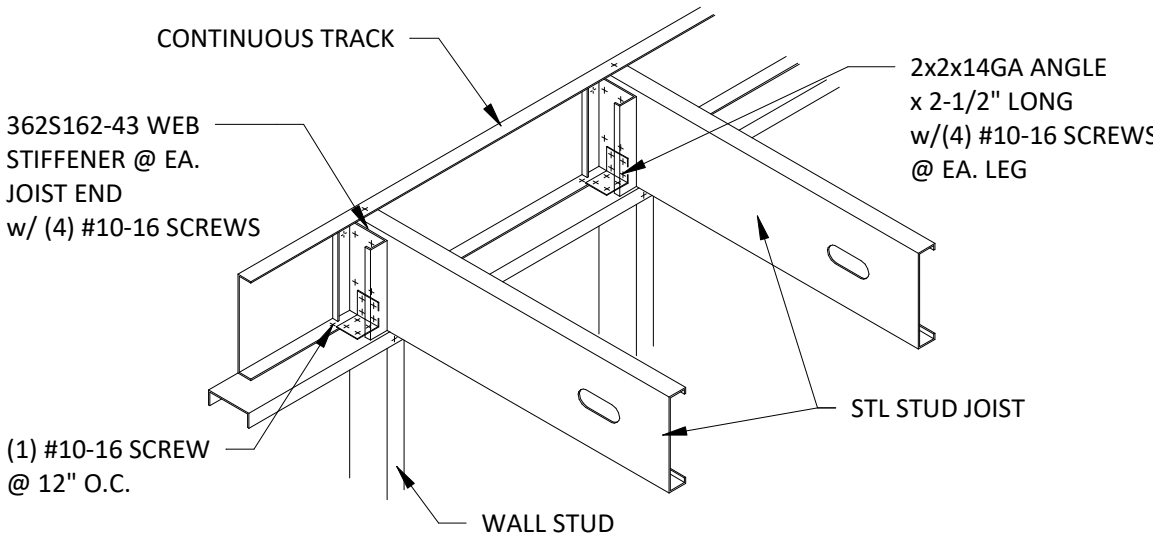
STUD PENETRATIONS DETAIL

8 /S4.0 SCALE = 3/4" = 1'-0"



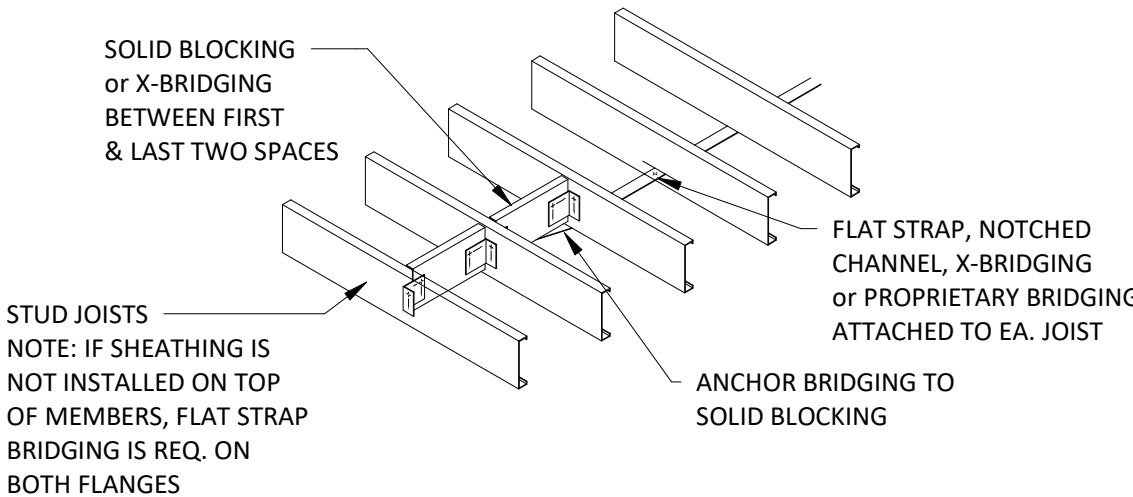
EXTERIOR/BEARING STUD BRIDGING DETAIL

9 /S4.0 SCALE = 3/4" = 1'-0"



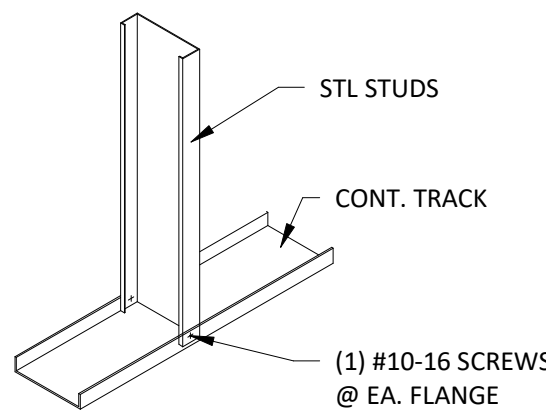
JOIST BEARING DETAIL

10 /S4.0 SCALE = 3/4" = 1'-0"



JOIST BRIDGING DETAIL

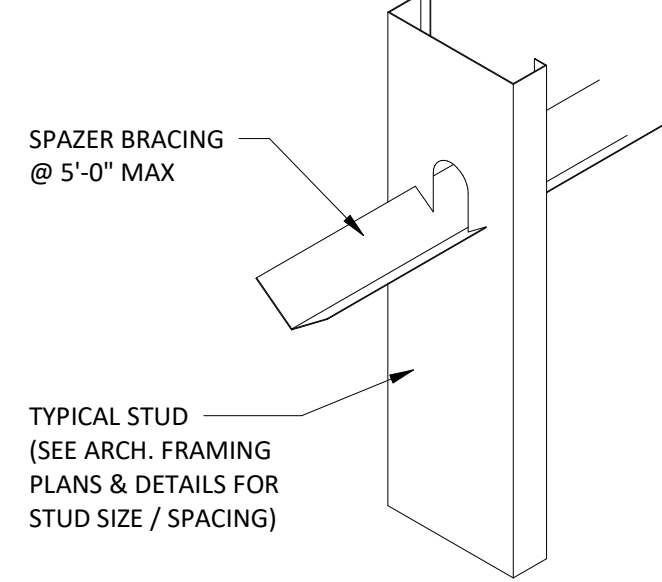
11 /S4.0 SCALE = 3/4" = 1'-0"



NOTE:
1) STUD TO SET TIGHT IN TRACK
2) SIM. DETAIL FOR TOP TRACK

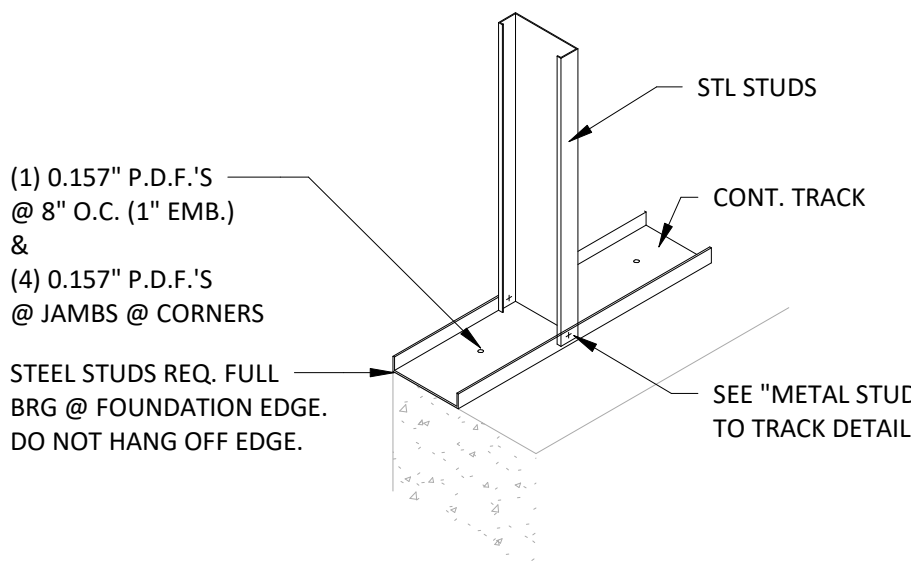
STUD TO TRACK

1 /S4.0 SCALE = 3/4" = 1'-0"



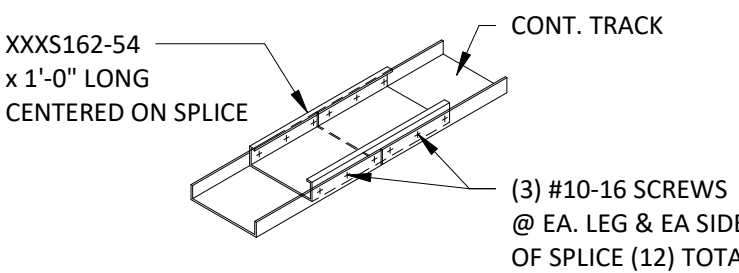
INTERIOR SPAZZER BRACING

2 /S4.0 SCALE = 3/4" = 1'-0"



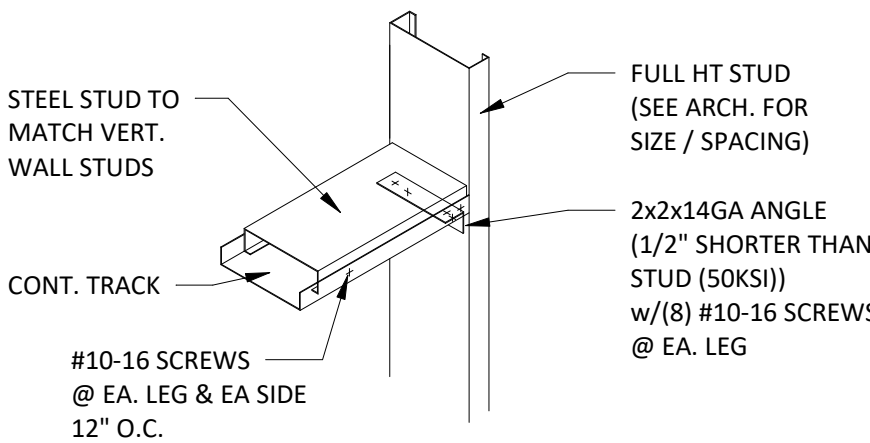
BASE TRACK TO CONCRETE

3 /S4.0 SCALE = 3/4" = 1'-0"



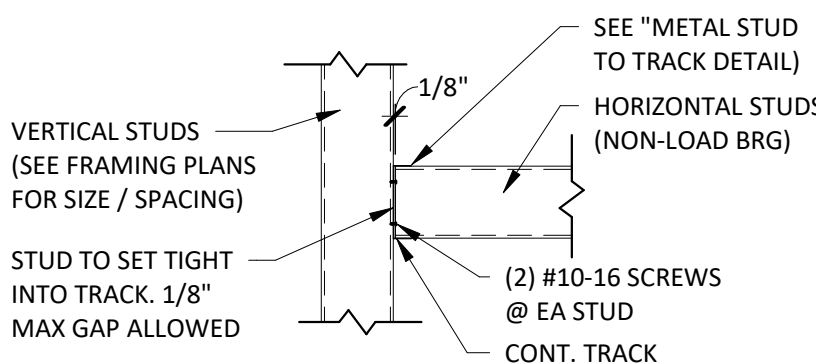
BOTTOM & TOP TRACK SPLICE

4 /S4.0 SCALE = 3/4" = 1'-0"



INTERIOR OPENING HEADER

5 /S4.0 SCALE = 3/4" = 1'-0"



STUD TO STUD CONNECTION

6 /S4.0 SCALE = 3/4" = 1'-0"



OUR REPUTATION IS BUILDING

CONSTRUCTION OFFICE
2000 PROFIT PLACE
DEPERE, WI 54115
PHONE: (920) 258-7871
EMAIL: BUILD@SMET.COM

SMET CONSTRUCTION SERVICE CORP.
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REVISIONS

PROJECT INFO:

MASSMAN
CORPORATE INC.

STRUCT. METAL
STUD SCHEDULES
& DETAILS

DRAWN BY:
Author

SMET NO.:

22106

ARCHT. NO.:

SALES:

SHEET:

S4.0

DATE: 4/30/2024 7:52:34 AM

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



COLOR GUIDE

CLADDING SYSTEMS, GLAZING PANELS, AND ACCESSORIES

COLOR CHART

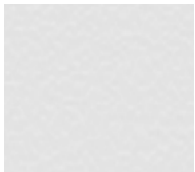


STOCK POLYESTER FINISHES

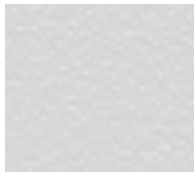
5
YEAR
FINISH
WARRANTY

Durable yet budget-friendly. These finishes offer excellent durability while providing a more economical alternative. Available in a wide range of colors, the textured finishes help conceal any dings or dents and the smooth finishes provide an alternate option for glazing infill.

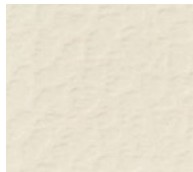
SERIES A: Standard Textured Polyester (.010")



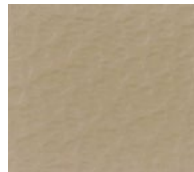
HIGH GLOSS
WHITE



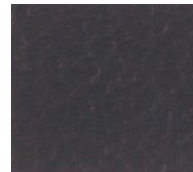
SHASTA
WHITE



IVORY



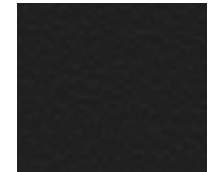
PUEBLO
BEIGE



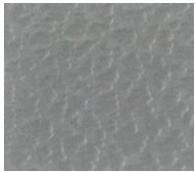
STATUARY
BRONZE



CLASSIC
BRONZE

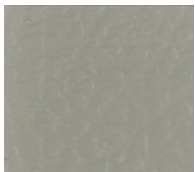


EBONY



METALLIC
SILVER

SERIES B: Premium Textured Acrylic Urethane (.010")



SILVER
GREY



SLATE
GREY



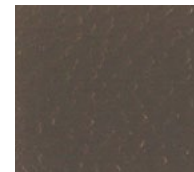
CHARCOAL
GREY



SANDSTONE



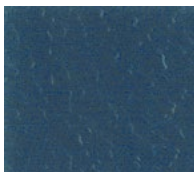
SIERRA
TAN



MEDIUM
BRONZE



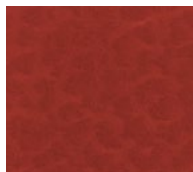
SKY
BLUE



REGAL
BLUE



TERRA
COTTA



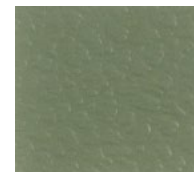
REGAL
RED



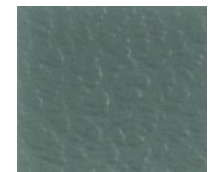
COLONIAL
RED



BRANDYWINE



PATINA
GREEN



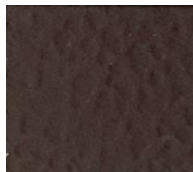
HEMLOCK
GREEN



SHERWOOD
GREEN

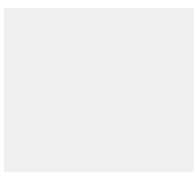


HARTFORD
GREEN

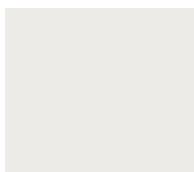


MANSARD
BROWN

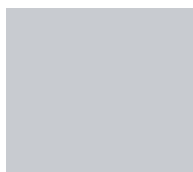
SERIES D: Standard Smooth Polyester (.024")



POLAR WHITE
(48" ONLY)



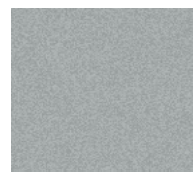
CLASSIC
WHITE



BATTLESHIP GREY
(48" ONLY)



CLASSIC
BRONZE



METALLIC
SILVER

COLOR CHART

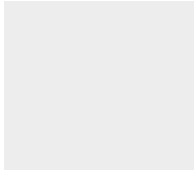
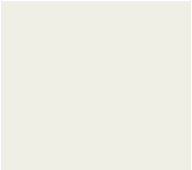
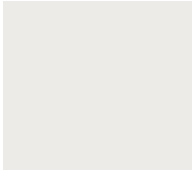
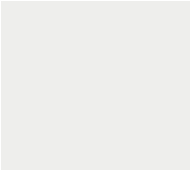
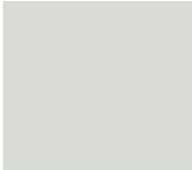
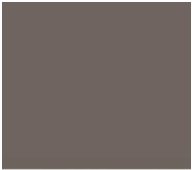
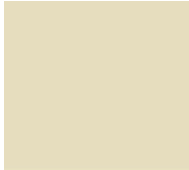
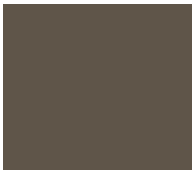
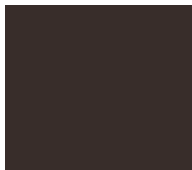
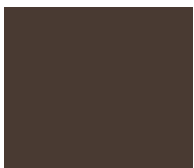
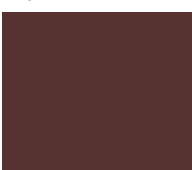
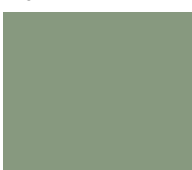
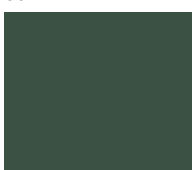
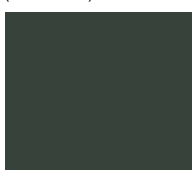


STOCK PVDF FINISHES

30
YEAR
FINISH
WARRANTY

Guaranteed performance just got better. As an industry benchmark, Kynar 500® coatings have long been known for quality and durability.

Kynar 500® - Solids

						
ARCTIC WHITE	☐ RESERVE WHITE	SHASTA WHITE	BONE WHITE	☐ STONE WHITE	☐ SILVER GREY	SLATE GREY
						
CITYSCAPE	☐ MUSKET GREY	☐ CHARCOAL GREY	☐ GRAPHITE (UMBRA GREY)	☐ EBONY	☐ MATTE BLACK	☐ ALMOND
						
IVORY	SANDSTONE	☐ PUEBLO BEIGE	SIERRA TAN	☐ MEDIUM BRONZE	☐ STATUARY BRONZE	DARK BRONZE
						
MANSARD BROWN	EXTRA DARK BRONZE	☐ SKY BLUE	REGAL BLUE	TERRA COTTA	BRITE RED (48" ONLY)	REGAL RED
						
COLONIAL RED	☐ BRANDYWINE	PATINA GREEN	HEMLOCK GREEN	SHERWOOD GREEN	HARTFORD GREEN	

☐ Available in composite material and 4' wide sheets for flashing application (see Quick Reference Guide).

COLOR CHART

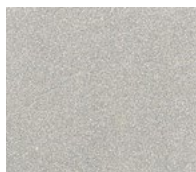


STOCK PVDF FINISHES *(continued)*

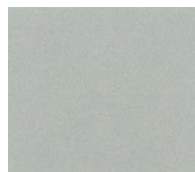
30
YEAR
FINISH
WARRANTY

The beauty of color, the shine of metal. Mixing mica or metallic flakes within the paint coating allows the base color to offer additional pop, bringing depth to the building elevation. This look is further enhanced by the way in which these flakes reflect the light from different viewpoints.

Kynar 500 - Micas



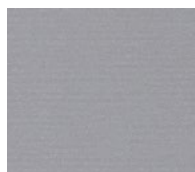
SILVER
METALLIC



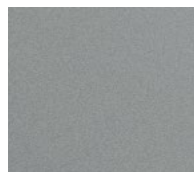
PLATINUM



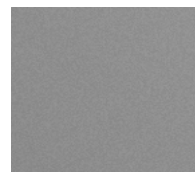
MOONRISE
METALLIC



ANODIC
CLEAR



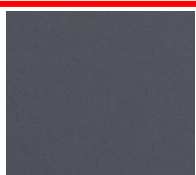
NORTH SEA
MIST



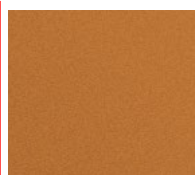
PEWTER



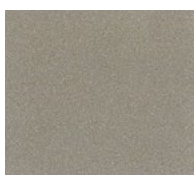
WEATHERED
ZINC



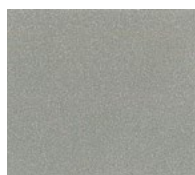
GUN METAL



LIQUID
COPPER



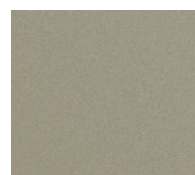
ATLANTIC
SUNRISE



CHAMPAGNE
METALLIC



CHAMPAGNE
BRONZE



DESERT
SAND

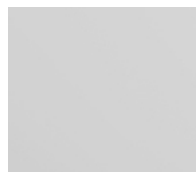


STOCK ANODIZED FINISHES

20
YEAR
FINISH
WARRANTY

Anodized aluminum. These finishes are chemically and electrically produced (not just an anodic-look paint), and offer an excellent complement to storefront and glazing system extrusions.

Anodized



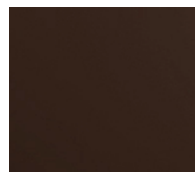
CLEAR
ANODIZED



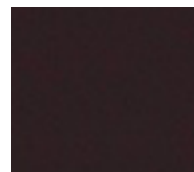
CHAMPAGNE
ANODIZED



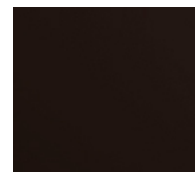
MEDIUM BRONZE
ANODIZED



DARK BRONZE
ANODIZED



EXTRA DARK
BRONZE ANODIZED

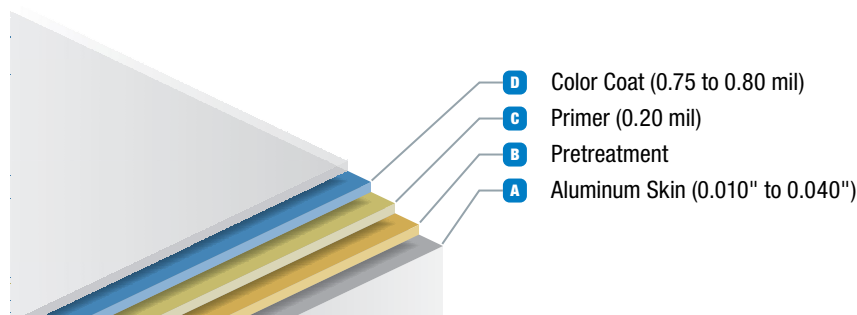


BLACK
ANODIZED



Anodized finishes are Exterior Standard No. 1

COLOR CHART



AVAILABILITY BY PRODUCT

Panel 15®	SinoCore®	ProCore™	Panel 20®	Envelope 2000® RV / DRV	Envelope 2000 RR / RS	GlazeGuard®

CATEGORY	TYPE	COMPOSITION	FEATURES & BENEFITS	DESCRIPTION
				• • • • • • •
SERIES A, D	1-Coat ¹ Textured (.010")/ Smooth (.024") Polyester	D - Color Coat B - Pretreatment A - Aluminum Skin	• Economical choice for coatings • Durable, hard surface • Available in a wide range of colors	Thermosetting paint system applied with similar techniques to PVDF (based on volume).
				• • • • • • •
SERIES B	1-Coat Textured Acrylic Urethane (.010")	D - Color Coat C - Primer B - Pretreatment A - Aluminum Skin	• Used for premium/custom colors • Similar in performance to polyester • Good gloss retention and weatherability	Two-component cross-linked system applied with electrostatic or conventional spray equipment.
				• • • • • • •
KYNAR 500 - SOLIDS	2-Coat Smooth PVDF	D - Color Coat C - Primer B - Pretreatment A - Aluminum Skin	• Industry benchmark for quality • Unsurpassed color retention, chemical resistance and film erosion resistance	Heat-set coating using 70% Kynar 500 or Hylar 5000® resins.
				• • • • • • •
KYNAR 500 - MICAS	2-Coat Smooth PVDF	D - Color coat C - Primer B - Pretreatment A - Aluminum skin	• Metallic look with mica flake • Performance same as standard 2-coat smooth PVDF	Heat-set coating using 70% Kynar 500 or Hylar 5000 resins with mica flakes.
				• • • • • • •
ANODIZED	Integral Anodized	• Nickel/Hydrate Seal • Colorant² • Aluminum Oxide • Barrier • Aluminum Skin	• Not an anodic look or paint, but a true integral anodized aluminum to match storefront and window extrusions	Transparent or colored oxidized finish integral to the base aluminum induced with electricity and chemicals.

¹ - Primer is present on Polar White and Battleship Grey.
² - Clear Anodized does not use a colorant.

QUICK REFERENCE GUIDE



	COMPOSITE PANEL FINISHES	METAL FOR TRIM, FLASHING & ACCESSORIES			
	.024	.040	.050	.063	24 GA STEEL
KYNAR 500 - SOLIDS					
Almond	•	•	•		•
Arctic White	•	•			
Bone White	•	•	•	•	•
Brandywine	•				
Brite Red	•				
Charcoal Grey	•	•			•
Cityscape	•	•	•		•
Colonial Red	•	•			•
Dark Bronze	•	•	•	•	•
Ebony	•	•			
Extra Dark Bronze	•	•			
Graphite (Umbra Grey)	•	•			
Hartford Green	•				
Hemlock Green	•				
Ivory	•				
Mansard Brown	•				
Matte Black	•	•	•		•
Medium Bronze	•	•	•	•	•
Musket Grey	•	•			•
Patina Green	•				
Pueblo Beige	•				
Regal Blue	•				
Regal Red	•				
Reserve White	•				
Sandstone	•	•	•	•	•
Shasta White	•				
Sherwood Green	•				
Silver Grey	•				
Sky Blue	•				

	COMPOSITE PANEL FINISHES	METAL FOR TRIM, FLASHING & ACCESSORIES			
	.024	.040	.050	.063	24 GA STEEL
KYNAR 500 - SOLIDS					
Slate Grey	•	•	•		•
Sierra Tan	•	•	•		•
Statuary Bronze	•				
Stone White	•	•	•	•	•
Terra Cotta	•				
KYNAR 500 - MICAS					
Anodic Clear	•	•			
Atlantic Sunrise	•				
Champagne Bronze	•				
Champagne Metallic	•	•			
Desert Sand	•	•			
Gun Metal	•	•	•		
Liquid Copper	•				
Moonrise Metallic	•			•	•
North Sea Mist	•				
Pewter	•				
Platinum	•				
Silver Metallic	•	•			
Weathered Zinc	•	N/A	•	N/A	•
ANODIZED					
Black Anodized	•	•	N/A		
Champagne Anodized	•		N/A		
Clear Anodized	•	•	•	•	
Dark Bronze Anodized	•	•	N/A		
Extra Dark Bronze Anodized	•	•	N/A		
Medium Bronze Anodized	•		N/A		

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