

SITE PLAN  
FOR

# MARLETTE TACO BELL

LOCATED IN THE S.W. 1/4 OF SECTION 32, T11N-R12E,  
CITY OF MARLETTE, SANILAC COUNTY, MICHIGAN.

**NOTES:**

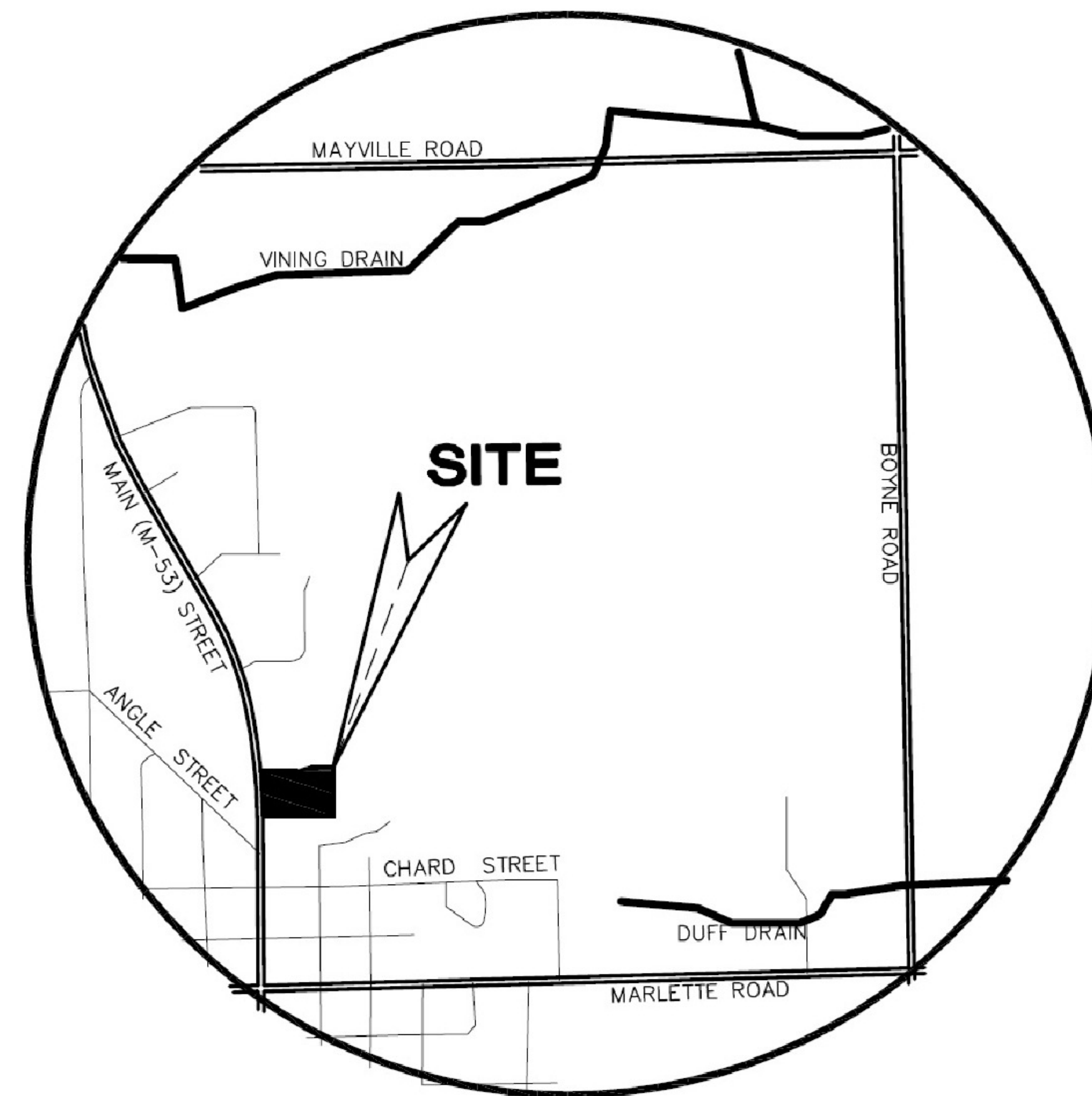
~~PUBLIC UTILITY STATEMENT - ALL SANITARY SEWERS FOR THIS PROJECT ARE DESIGNED FOR AND WILL BECOME A PUBLIC SYSTEM UPON SATISFACTORY APPROVAL BY THE OAKLAND COUNTY WATER RESOURCES COMMISSIONER.~~

~~EASEMENT STATEMENT - ALL PUBLIC SANITARY SEWERS SHALL HAVE AN EASEMENT GRANTED TO THE AGENCY OR MUNICIPALITY RESPONSIBLE FOR MAINTENANCE, REPAIR, AND/OR REPLACEMENT.~~

**CONTRACTOR ALERT - THIS PROJECT HAS BEEN DESIGNED USING THE LATEST CITY OF MARLETTE CRITERIA. REVIEW THE NOTES, DETAILS AND DESIGN CAREFULLY PRIOR TO SUBMITTING A BID. FULL COMPLIANCE WITH THESE STANDARDS WILL BE REQUIRED.**

**UTILITY WARNING - UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THESE PLANS WERE OBTAINED FROM UTILITY OWNERS, AND WERE NOT FIELD LOCATED. A MINIMUM OF 72 HOURS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY "MISS DIG" (811) AND HAVE ALL UNDERGROUND UTILITIES STAKED BEFORE ANY WORK MAY BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION. 72 HOURS BEFORE YOU DIG - CALL "MISS DIG" (811).**

NOTE: NO CONSTRUCTION OF PUBLIC UTILITIES IS PROPOSED AT THIS TIME.



LOCATION MAP

BENCH MARK  
NAIL IN P.P. NEAR N.E.  
CORNER OF PROPERTY  
ELEV. 836.57 N.A.V.D.88



LEGAL DESCRIPTION (AS PROVIDED)

TAX DESCRIPTION
T11N R12E SEC 32 COM 799.61 FT E OF W 1/4 POST, TO POB RUNN TH S 88 DEG 43' E 327.60 FT, TH S 508.03 FT, TH S 78 DEG 31' 34" W 105.56 FT TO E LINE OF HWY, M-53, TH NWLY ALONG A CURVE TO THE LEFT WHOSE LONG CORD BEARS N 21 DEG 40' 06" W 577.02 FT, BEING LINE OF M-53 TO S LINE OF LOCUST ST, AS POB ALSO FROM POB RUNN TH N 28 DEG 16'34" W 33.16 FT, TH N 46 DEG 20' E 127 FT ALONG S SIDE OF LOCUSTST, TH S 22 DEG 59' 37" E 130.07 FT, TH W 127 FT TO POB, EXC GOLF COURSE DR. ALSO EXC. COM AT THE W 1/4 CORNER POST, TH S 87 DEG 37' 46" E 799.17 FT, TO POB, TH ALONG A CURVE TO THE LEFT WITH A LONG CORD OF N32 DEG 04' 42" W 33.10 FT, TH N 42 DEG 35' 09" E 126.96 FT, TH S 26 DEG 43' 21" E 130 FT, TH S 55 DEG 13' 37" W 111.64 FT, TH ALONG A CURVE TO THE LEFT WITH A LONG CORD OF N 31 DEG 03' 09" W 68.01 FT, TO POB. SPLIT ON 12/19/2013 INTO 330-032-300-261-00, 330-032-300-262-00; Split on 12/27/2016 into 330-032-300-261-01, 330-032-300-261-02;

SHEET INDEX

- C0 COVER SHEET
- C1 EXISTING CONDITIONS & DEMO PLAN
- C2 SITE PLAN
- C3 GRADING, DRAINAGE AND PAVING PLAN
- C4 UTILITY PLAN
- C5 SOIL EROSION CONTROL PLAN

SUBMITTAL CHART

AGENCY/OFFICE	ADDRESS	DATE SUBMITTED	DATE APPROVED
1 CITY OF MARLETTE	6436 MORRIS STREET, MARLETTE MI 48453	06.03.2022	
2 SANILAC COUNTY DRAIN COMMISSIONER	60 W. SANILAC AVE., ROOM 201, SANDUSKY, MI 48471	06.10.2022	06.14.2022
3 SANILAC COUNTY CONSTRUCTION AND LAND USE DEPT. FOR SESC PERMIT	60 W. SANILAC AVE., ROOM 210, SANDUSKY, MI 48471	06.14.2022	
4 MDO, ERICA BECKMAN	VIA EMAIL	06.15.2022	06.16.2022

PLANS PREPARED FOR:  
**GREAT LAKES TACO, LLC**

8487 RETREAT DRIVE  
GRAND BLANC, MI 48430  
(810) 771-4500



PLANS PREPARED BY:  
**REC ENGINEERS**  
REAL ESTATE CONSULTING ENGINEERS, LLC  
16509 BELFAST DRIVE  
FENTON, MICHIGAN 48430  
(810) 845-5364

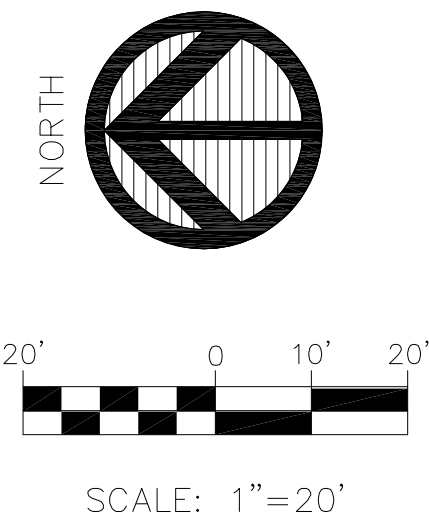


Know what's below.  
Call before you dig.

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	06/03/2022	ORIGINAL SET	MJW
2	06/10/2022	REV'S PER CITY ENGINEER REVIEW	MJW
3	06/17/2022	REVISED SANITARY SEWER LEAD	MJW





ELEVATION NOTE:  
THE GRADES SHOWN ON THESE PLANS HAVE BEEN TRUNCATED FOR CLARITY PURPOSES. ADD 800.00 TO ALL GRADES SHOWN TO CONVERT TO NAVD88.

**BENCHMARK**  
NAIL SET IN SE FACE OF UTILITY POLE  
ELEVATION 836.57  
NAVD88

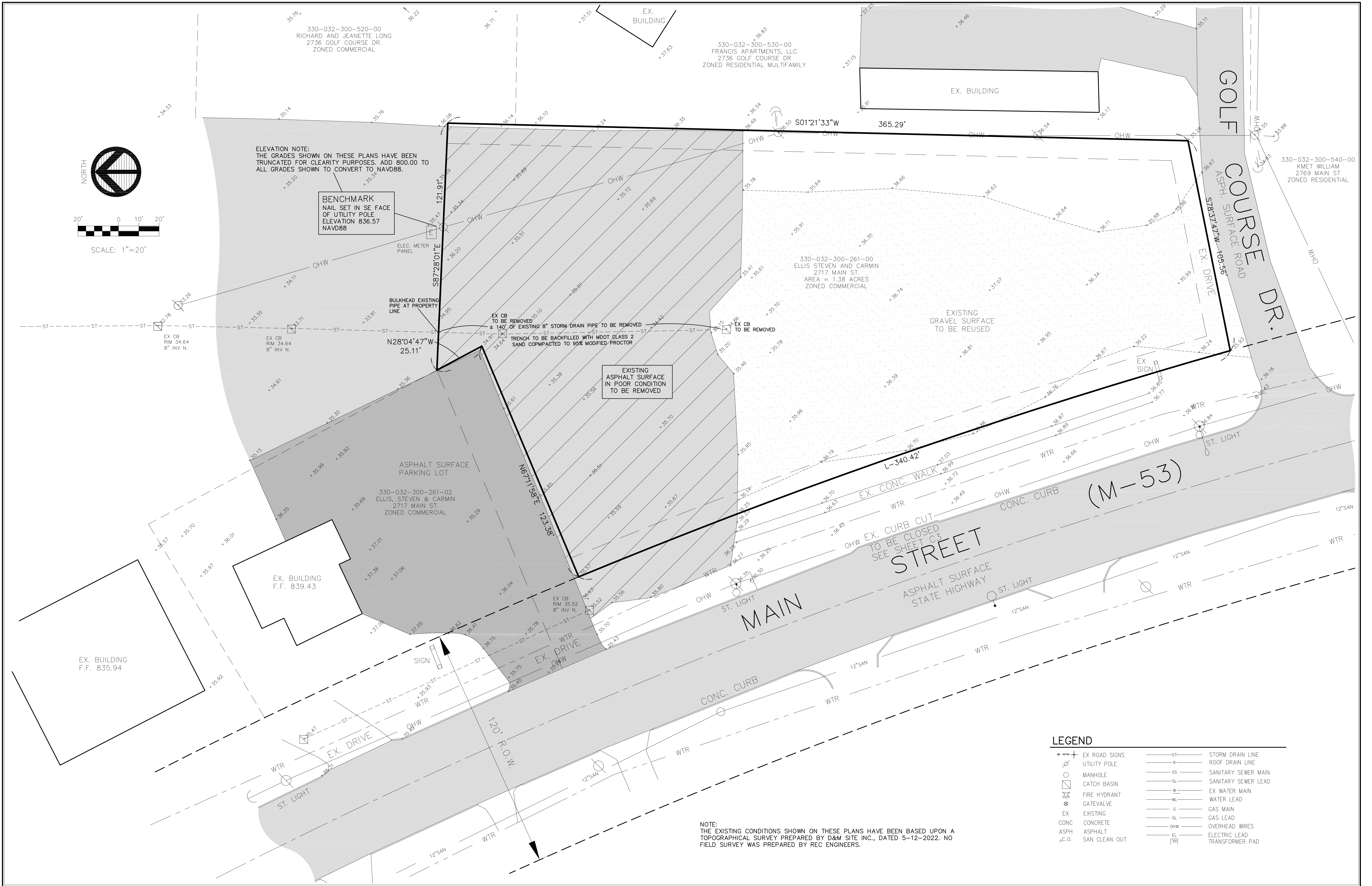
BULKHEAD EXISTING PIPE AT PROPERTY LINE  
N28°04'47"W  
25.11'

EX CB TO BE REMOVED  
± 140' OF EXISTING 8" STORM DRAIN PIPE TO BE REMOVED  
TRENCH TO BE BACKFILLED WITH MDOT CLASS 2 SAND COMPACTED TO 95% MODIFIED PROCTOR

EXISTING ASPHALT SURFACE IN POOR CONDITION TO BE REMOVED

NOTE:  
THE EXISTING CONDITIONS SHOWN ON THESE PLANS HAVE BEEN BASED UPON A TOPOGRAPHICAL SURVEY PREPARED BY D&M SITE INC., DATED 5-12-2022. NO FIELD SURVEY WAS PREPARED BY REC ENGINEERS.

LEGEND	
EX ROAD SIGNS	ST STORM DRAIN LINE
UTILITY POLE	R ROOF DRAIN LINE
MANHOLE	SS SANITARY SEWER MAIN
CATCH BASIN	SL SANITARY SEWER LEAD
FIRE HYDRANT	W EX WATER MAIN
GATEVALVE	WL WATER LEAD
EX EXISTING	G GAS MAIN
CONC CONCRETE	GL GAS LEAD
ASPH ASPHALT	OHW OVERHEAD WIRES
SAN CLEAN OUT	EL ELECTRIC LEAD
	[FP] TRANSFORMER PAD



No.	REVISIONS	DATE	BY
1	ORIGINAL SET	06.03.2022	MJW
2	REVISIONS PER CITY OF MARLETTE ENGINEER	06.10.2022	MJW



JOSEPH A. WIZYNAJTYŚ  
NO. 6201021585  
STATE OF MICHIGAN

SCALE:  
1" = 20'

DATE:  
6.03.2022

DESIGNED BY:  
MJW

DRAWN BY:  
MJW

CHECKED BY:  
JAW

FIELD CREW CHIEF:  
N/A

DEVELOPER  
GREAT LAKES TACO, LLC

6467 RETREAT DRIVE  
GRAND BLANC, MI 48439  
810-771-4500



**REC ENGINEERS**  
REAL ESTATE CONSULTING ENGINEERS, LLC

16509 BELFAST, FENTON, MICHIGAN 48430  
(810) 869-0194 OR (810) 845-5364

EXISTING CONDITIONS AND DEMO PLAN  
FOR  
**MARLETTE TACO BELL**

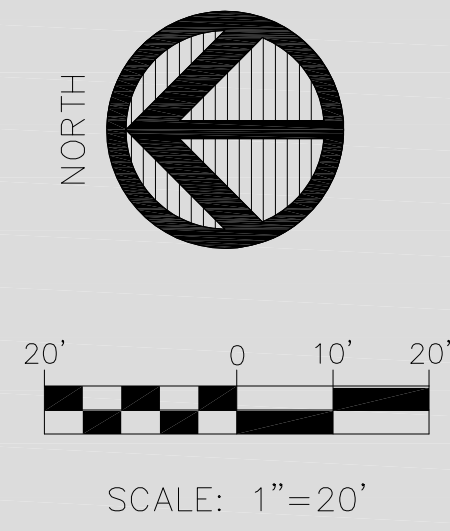
CITY OF MARLETTE      SANILAC COUNTY      MICHIGAN

SHEET **C1** OF  
MARLETTE TB

330-032-300-520-00  
RICHARD AND JEANETTE LONG  
2736 GOLF COURSE DR.  
ZONED COMMERCIAL

330-032-300-530-00  
FRANCIS APARTMENTS, LLC  
2736 GOLF COURSE DR  
ZONED RESIDENTIAL MULTIFAMILY

330-032-300-540-00  
KMET WILLIAM  
2769 MAIN ST  
ZONED RESIDENTIAL



EXISTING ASPHALT SURFACE PARKING LOT POOR CONDITION

ELEC. PANE

N28°04'47"W  
25.11'

INGRESS/EGRESS EASEMENT

330-032-300-261-02  
ELLIS, STEVEN & CARMIN  
2717 MAIN ST  
ZONED COMMERCIAL

EX. BUILDING  
F.F. 839.43

EX. BUILDING  
F.F. 835.94

EX. BUILDING

S01°21'33"W  
365.29'

LANDSCAPE BUFFER AREA (SEE LANDSCAPE PLAN)

330-032-300-261-00  
ELLIS STEVEN AND CARMIN  
2717 MAIN ST  
AREA = 1.38 ACRES  
ZONED COMMERCIAL

PROPOSED CONCRETE SURFACE PARKING LOT

PROPOSED BUILDING  
2202 S.F.

PROPOSED CONCRETE SURFACE PARKING LOT

M-53 R.O.W. LINE  
L-340.42'

STREET  
ASPHALT SURFACE STATE HIGHWAY

MAIN

(M-53)

GOLF COURSE DR.  
ASPH. SURFACE ROAD

**LEGEND**

- |               |     |                     |
|---------------|-----|---------------------|
| EX ROAD SIGNS | ST  | STORM DRAIN LINE    |
| UTILITY POLE  | R   | ROOF DRAIN LINE     |
| MANHOLE       | SS  | SANITARY SEWER MAIN |
| CATCH BASIN   | SL  | SANITARY SEWER LEAD |
| FIRE HYDRANT  | W   | EX WATER MAIN       |
| GATEVALVE     | WL  | WATER LEAD          |
| EXISTING      | G   | GAS MAIN            |
| CONC          | GL  | GAS LEAD            |
| ASPH          | OHW | OVERHEAD WIRES      |
| SAN CLEAN OUT | EL  | ELECTRIC LEAD       |
|               | TP  | TRANSFORMER PAD     |



No.	REVISIONS	DATE	BY
1	ORIGINAL SET	06.03.2022	MJW
2	REVISIONS PER CITY OF MARLETTE ENGINEER	06.10.2022	MJW



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NO. 6201021585  
STATE OF MICHIGAN

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DRAWN BY:  
MJW  
CHECKED BY:  
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FIELD CREW CHIEF  
N/A

DEVELOPER  
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CITY OF MARLETTE  
SANILAC COUNTY  
MICHIGAN  
MARLETTE TB

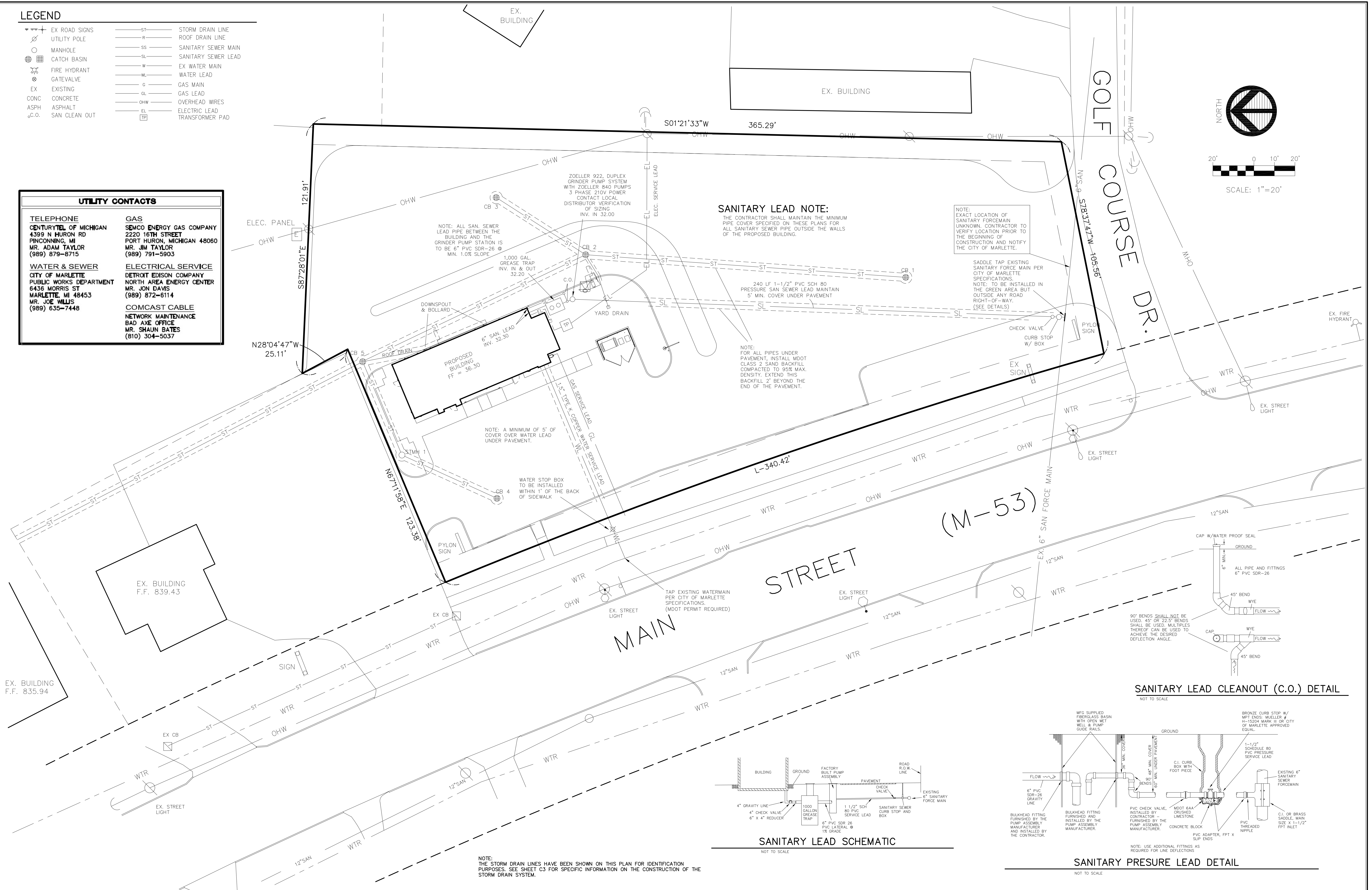
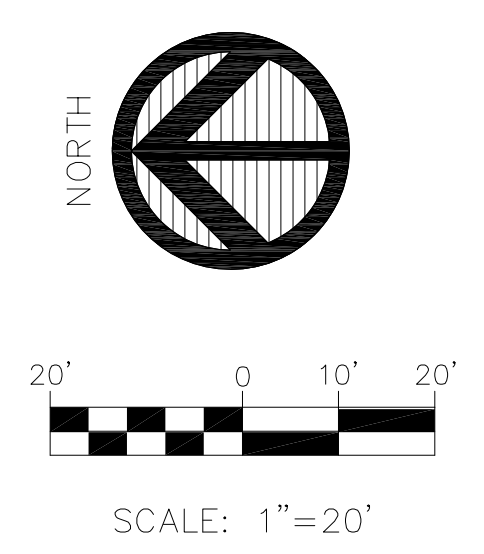
SHEET **C2** OF



**LEGEND**

EX ROAD SIGNS	ST	STORM DRAIN LINE
UTILITY POLE	R	ROOF DRAIN LINE
MANHOLE	SS	SANITARY SEWER MAIN
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CONC CONCRETE	GL	GAS LEAD
ASPH ASPHALT	OHW	OVERHEAD WIRES
o.c.o. SAN CLEAN OUT	EL	ELECTRIC LEAD
	TP	TRANSFORMER PAD

UTILITY CONTACTS	
<b>TELEPHONE</b>	<b>GAS</b>
CENTURYTEL OF MICHIGAN 4399 N HURON RD PINCONNING, MI MR. ADAM TAYLOR (989) 879-8715	SEMCO ENERGY GAS COMPANY 2220 16TH STREET PORT HURON, MICHIGAN 48060 MR. JIM TAYLOR (989) 791-5903
<b>WATER &amp; SEWER</b>	<b>ELECTRICAL SERVICE</b>
CITY OF MARLETTE PUBLIC WORKS DEPARTMENT 6435 MORRIS ST MARLETTE, MI 48453 MR. JOE WILLIS (989) 635-7448	DETROIT EDISON COMPANY NORTH AREA ENERGY CENTER MR. JON DAVIS (989) 872-6114
	<b>COMCAST CABLE</b>
	NETWORK MAINTENANCE BAD AXE OFFICE MR. SHAUN BATES (810) 304-5037



No.	REVISIONS	DATE	BY
1	ORIGINAL SET	06.03.2022	MJW
2	REVISIONS PER CITY OF MARLETTE ENGINEER	06.10.2022	MJW
3	REVISED SAN LEAD AND ADDED DETAILS	06.17.2022	MJW



JOSEPH A. WIZYNAJUTYS  
NO. 6201021585  
STATE OF MICHIGAN

SCALE:  
1"=20'  
DESIGNED BY:  
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DRAWN BY:  
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FIELD CREW CHIEF  
N/A



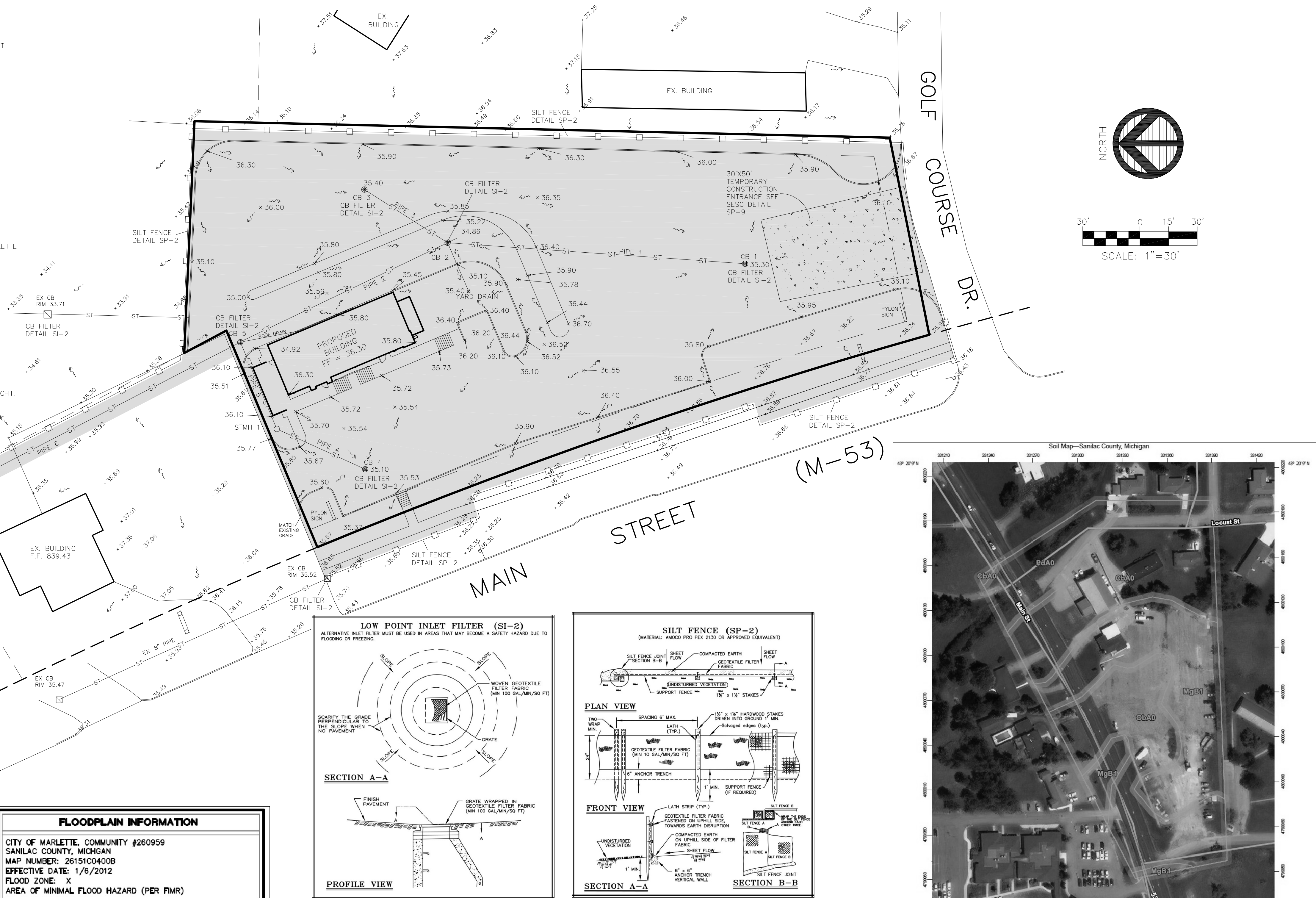
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UTILITY PLAN  
FOR  
**MARLETTE TACO BELL**  
CITY OF MARLETTE      SANILAC COUNTY      MICHIGAN      MARLETTE, MI

SHEET **C4** OF

**SOIL EROSION AND SEDIMENTATION CONTROL (SESC) NOTES**

1. SOIL EROSION: THE CONTRACTOR SHALL SUBMIT A DETAILED SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND OBTAIN AN ACT 451 PART 91, SOIL EROSION AND SEDIMENTATION CONTROL PERMIT. THIS INCLUDES THE PAYMENT OF FEES AND THE PROVIDING OF NECESSARY BONDS. NO EARTH CHANGES OR EXCAVATION SHALL BE STARTED PRIOR TO THE ISSUANCE OF THIS PERMIT. THE CONTRACTOR SHALL PROTECT ALL EXISTING AND PROPOSED STORM SEWER FACILITIES ON AND ADJACENT TO THE SITE DURING EXCAVATION AND CONSTRUCTION. ALL SEDIMENT SHALL BE CONTAINED ON SITE. ANY SILT IN COUNTY DRAINS, STORM SEWER, CULVERTS, ETC., AS A RESULT OF THIS PROJECT, SHALL BE REMOVED BY THE CONTRACTOR AT THE COST OF THE CONTRACTOR.
2. ALL SOIL EROSION AND SEDIMENTATION CONTROL WORK SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE CITY OF MARLETTE AND THE SANILAC COUNTY DRAIN COMMISSIONER (SCDC). THE CONTRACTOR SHALL OBTAIN A SOIL EROSION AND SEDIMENTATION CONTROL PERMIT OR WAIVER FROM THE SCDC PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS.
3. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.
4. CONTRACTOR SHALL PLACE AND MAINTAIN ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY THE VILLAGE OF HOLLY AND/OR THE WRC AND AS SHOWN ON THE PLANS. CONTRACTOR SHALL REMOVE TEMPORARY MEASURES AS SOON AS ALL PERMANENT EROSION CONTROL MEASURES HAVE BEEN COMPLETED AND APPROVED BY THE CITY OF MARLETTE AND/OR THE SCDC.
5. EROSION AND ANY SEDIMENT CREATED FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN ANY DRAINAGE FACILITIES. DRAINAGE FACILITIES INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES & PONDS.
6. ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS FROM THE SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR. ALL MUD, DIRT AND DEBRIS TRACKED OR SPILLED ONTO PAVED SURFACES WITHIN THIS SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
7. CONTRACTOR MUST IMPLEMENT APPROPRIATE MEASURES AS REQUIRED TO CONTROL DUST AT ALL TIMES, AS APPROVED BY THE CITY OF MARLETTE AND/OR THE SCDC.
8. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES AND ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
9. FAILURE TO COMPLY WITH ALL APPLICABLE SOIL EROSION AND SEDIMENTATION CONTROL REQUIREMENTS MAY RESULT IN WORK STOPPAGE BY THE CITY OF MARLETTE AND/OR THE SCDC.
10. CONTRACTOR MUST IMMEDIATELY HAUL AWAY ALL EXCAVATED DIRT TO AN APPROVED OFF-SITE LOCATION OR TEMPORARILY STORE THE MATERIAL ON THE SITE. ALL STORED MATERIAL MUST BE PROTECTED TO PREVENT EROSION.
11. THE CONTRACTOR MUST PROVIDE A WRITTEN SCHEDULE INDICATING THE TIMING AND SEQUENCING OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND CONSTRUCTION ITEMS, INCLUDING THE INSTALLATION OF ALL PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
12. APPROXIMATELY 0.86 ACRES WILL BE DISTURBED IN CONSTRUCTION OF THIS PROJECT. THEREFORE, AN NPDES STORM WATER DISCHARGE PERMIT IS NOT REQUIRED.
- \*13. FINAL VEGETATION IS SPECIFIED AS HAVING EVERY SQUARE FOOT OF GROUND DISTURBANCE WITH A DENSITY OF 90% AND AT LEAST 1" IN HEIGHT.



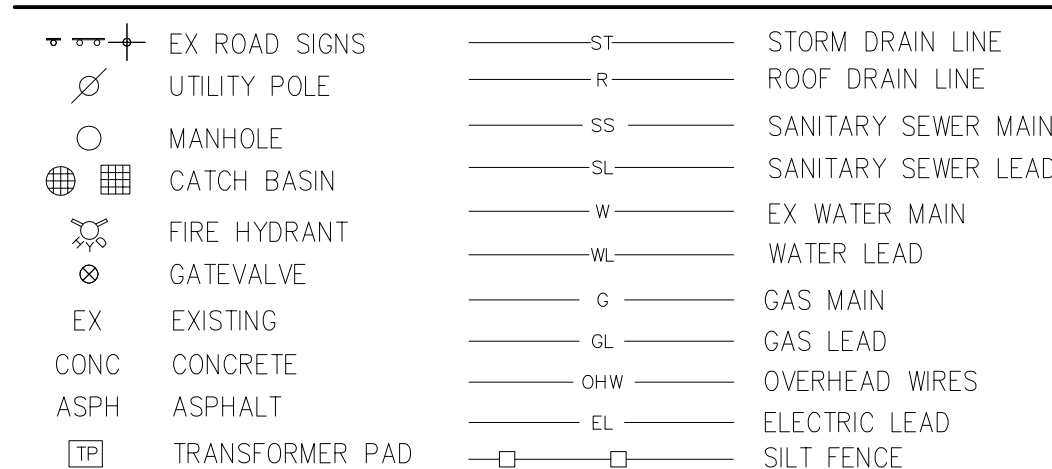
**SESC MAINTENANCE NOTES**

1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING ANY PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USEABLE LIFE AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE CLEANED AND MAINTAINED AS REQUIRED SUCH THAT THE MEASURES ARE EFFECTIVE AND IN PROPER WORKING ORDER AT ALL TIMES.
4. ALL MUD/DIRT TRACKED ONTO ROADS FROM THE SITE DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- \*5. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, BOTH PERMANENT AND TEMPORARY, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE MAINTAINED WEEKLY OR AFTER EVERY STORM EVENT.

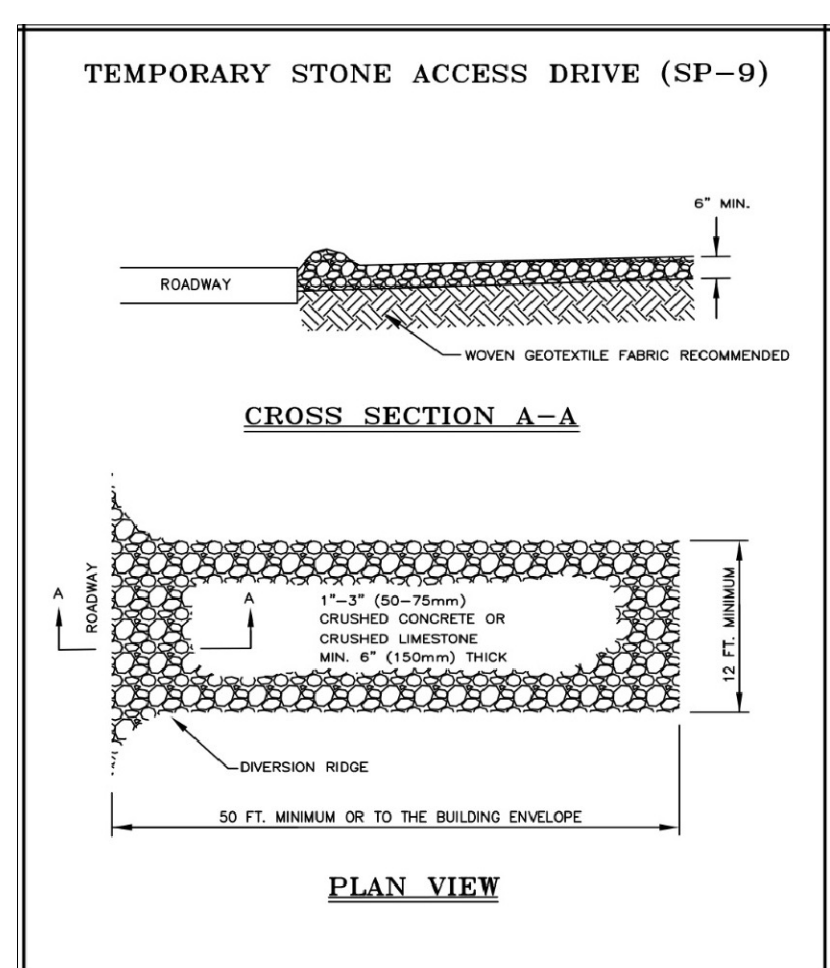
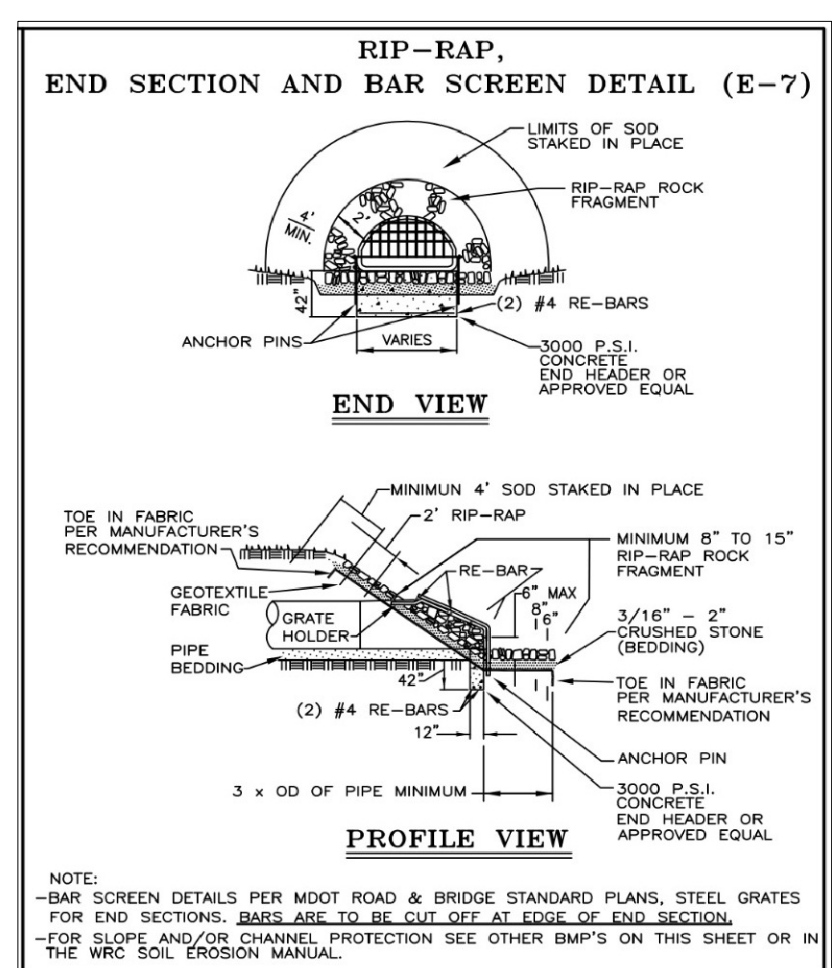
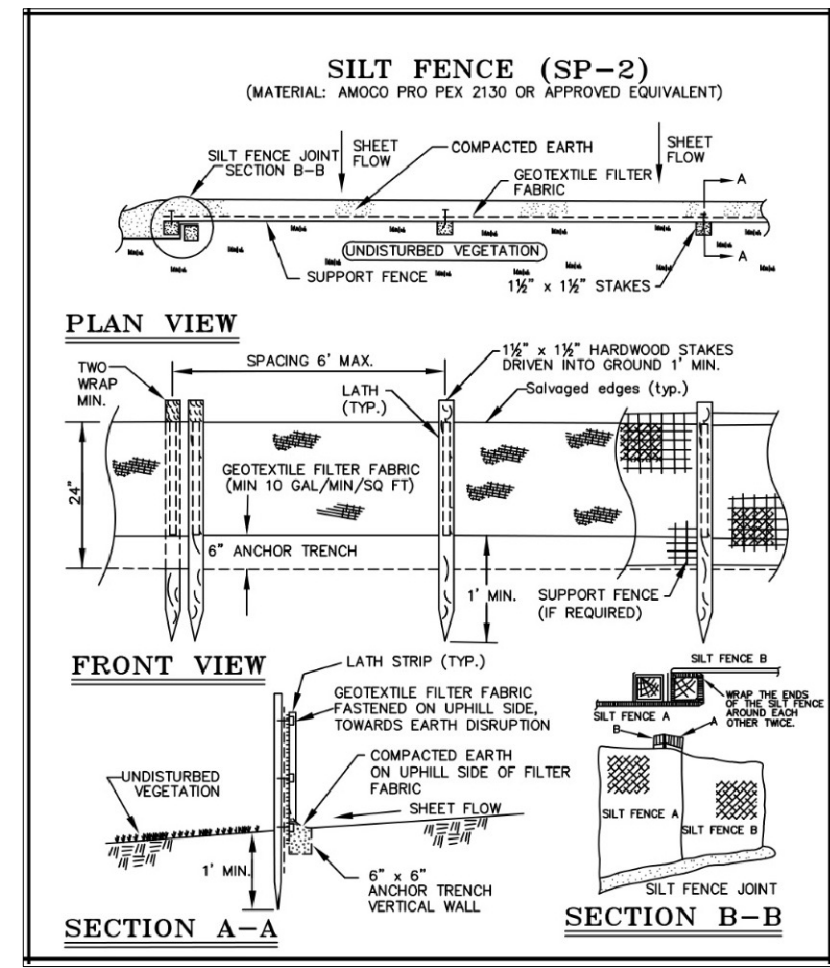
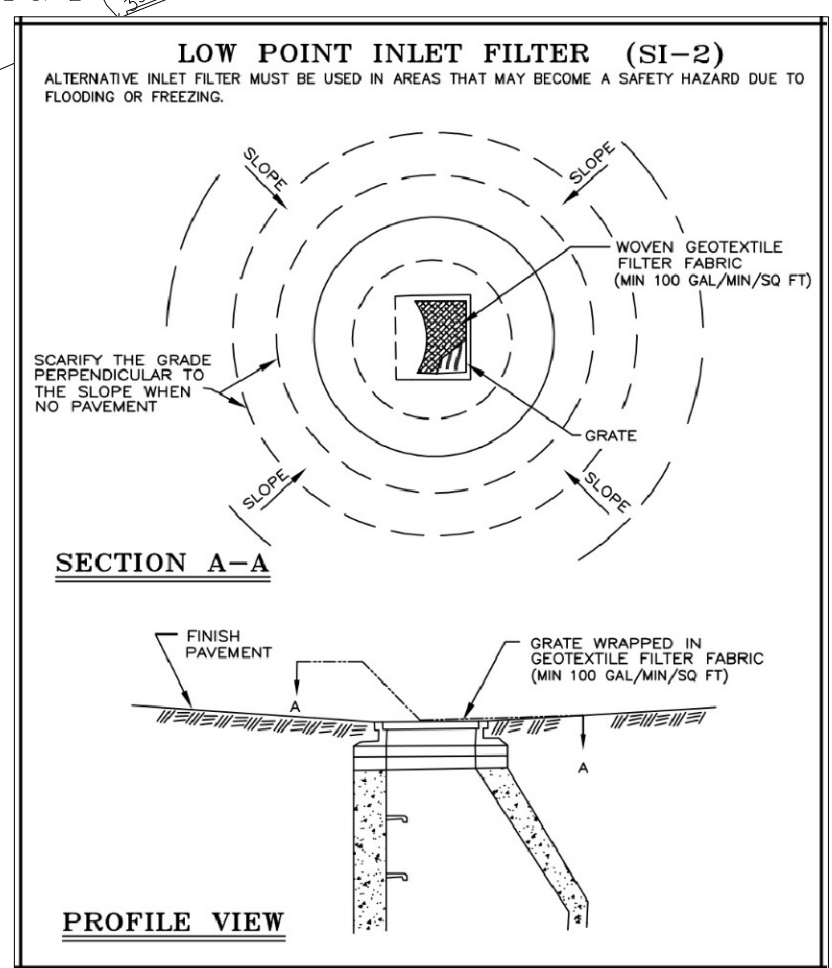
**SESC CONSTRUCTION SEQUENCE**

1. PLACE ALL TEMPORARY SOIL EROSION CONTROL MEASURES AS PER THESE PLANS.
2. DO ALL DEMO WORK AND SITE ROUGH GRADING.
3. CONSTRUCT ALL STORM DRAIN AND ALL UNDERGROUND UTILITIES
4. CONSTRUCT THE BUILDINGS.
5. PAVE THE DRIVING/PARKING SURFACES.
6. PLACE TOPSOIL, FERTILIZER, SEED AND MULCH TO RESTORE ALL DISTURBED AREAS.
7. REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES AFTER ALL SITE CONSTRUCTION HAS BEEN COMPLETED AND ALL NEW TURF AREAS HAVE BEEN FULLY ESTABLISHED.
8. CONTRACTOR SHALL KEEP THE STREET AND ALL OTHER PAVEMENT CLEAN AT ALL TIMES AND TAKE MEASURES TO PREVENT DUST POLLUTION.

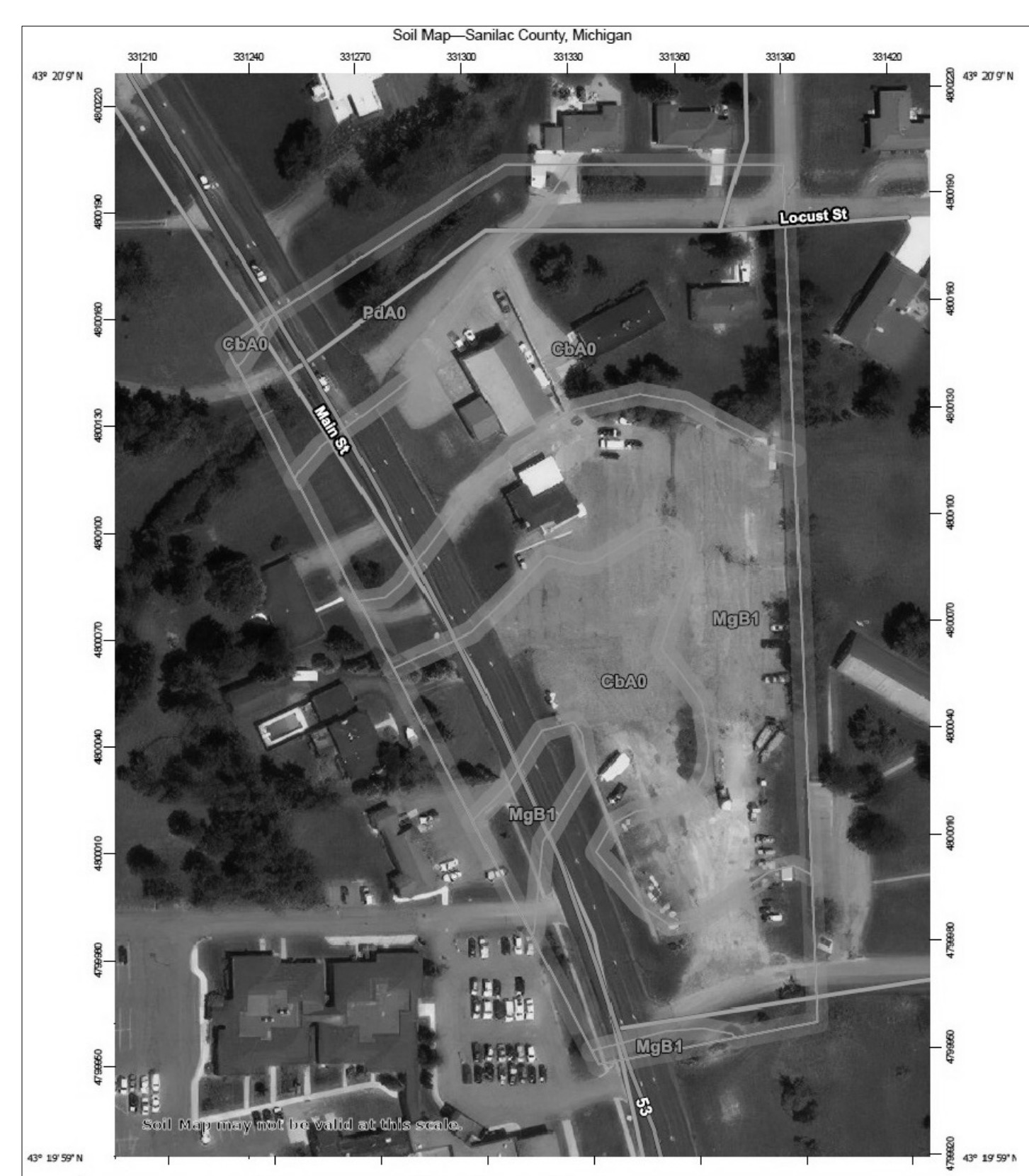
**LEGEND**



**FLOODPLAIN INFORMATION**  
 CITY OF MARLETTE, COMMUNITY #260959  
 SANILAC COUNTY, MICHIGAN  
 MAP NUMBER: 261510400B  
 EFFECTIVE DATE: 1/6/2012  
 FLOOD ZONE: X  
 AREA OF MINIMAL FLOOD HAZARD (PER FIR)



**SESC MEASURES & DETAILS**



Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CbA0	Capac silt loam and loam, 0 to 2 percent slopes	4.0	57.0%
MgB1	Marlette silt loam and loam, 2 to 6 percent slopes, slightly eroded	2.2	32.2%
PdA0	Parkhill loam and clay loam, 0 to 2 percent slopes	0.7	10.8%

USDA SOILS MAP  
  
 JOSEPH WYZNAJTYS  
 ENGINEER  
 No. 6201021585  
 LICENSED PROFESSIONAL ENGINEER

No.	REVISIONS	DATE	BY
1	ORIGINAL SET	06.03.2022	MJW
2	REVISIONS PER CITY OF MARLETTE ENGINEER	06.10.2022	MJW

811  
 Know what's below.  
 Call before you dig.

SCALE: 1" = 30'  
 DATE: 6.03.2022  
 DESIGNED BY: MJW  
 DRAWN BY: MJW  
 CHECKED BY: JAW  
 FIELD CREW CHIEF: N/A

DEVELOPER  
 GREAT LAKES TACO, LLC  
 6467 RETREAT DRIVE  
 GRAND BLANC, MI 48439  
 810-771-4500

**REC ENGINEERS**  
 REAL ESTATE CONSULTING ENGINEERS, LLC  
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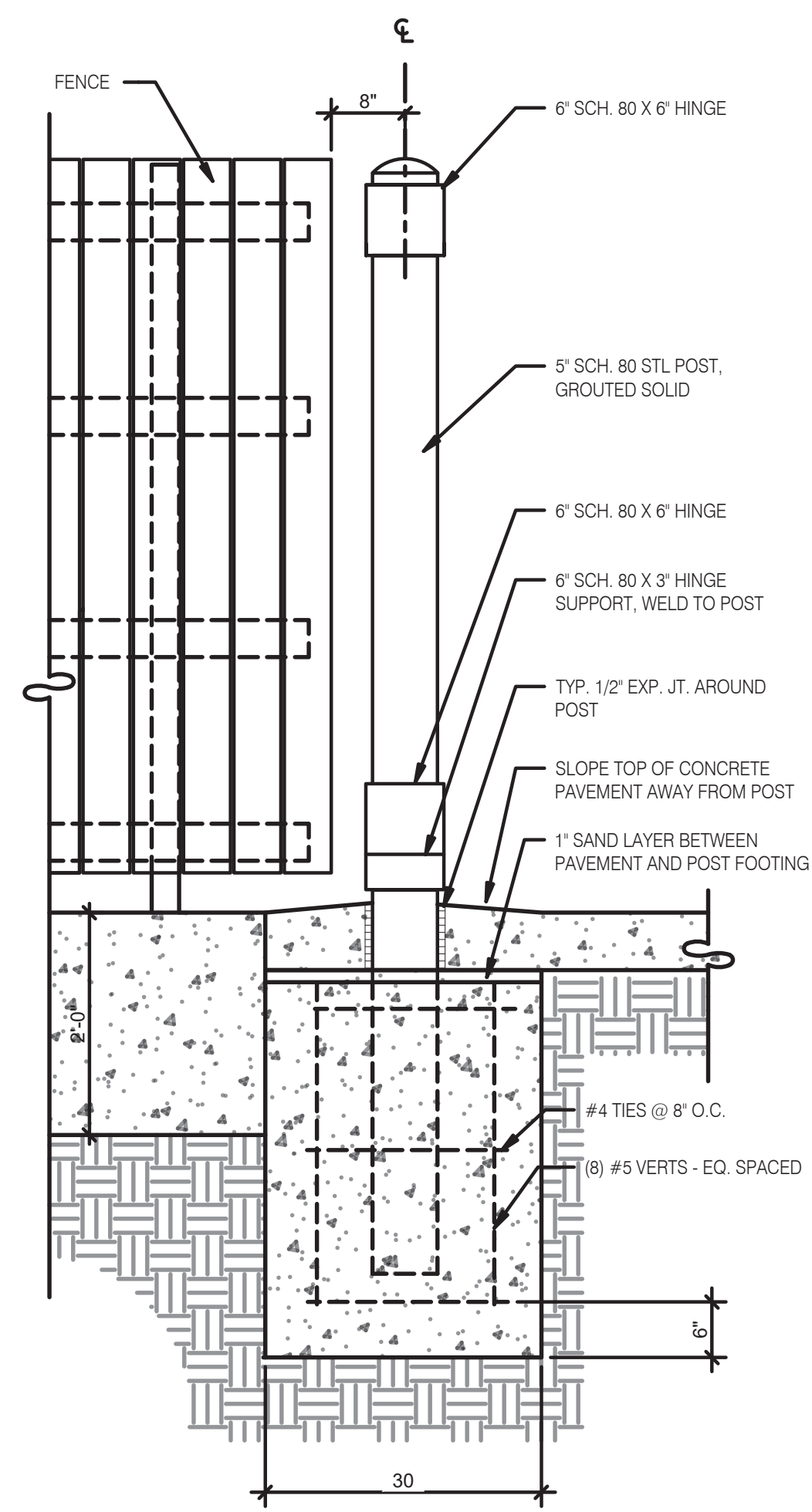
SOIL EROSION & SEDIMENT CONTROL PLAN  
 FOR  
**MARLETTE TACO BELL**  
 CITY OF MARLETTE SANILAC COUNTY MICHIGAN MARLETTE TB

SHEET **C5** OF









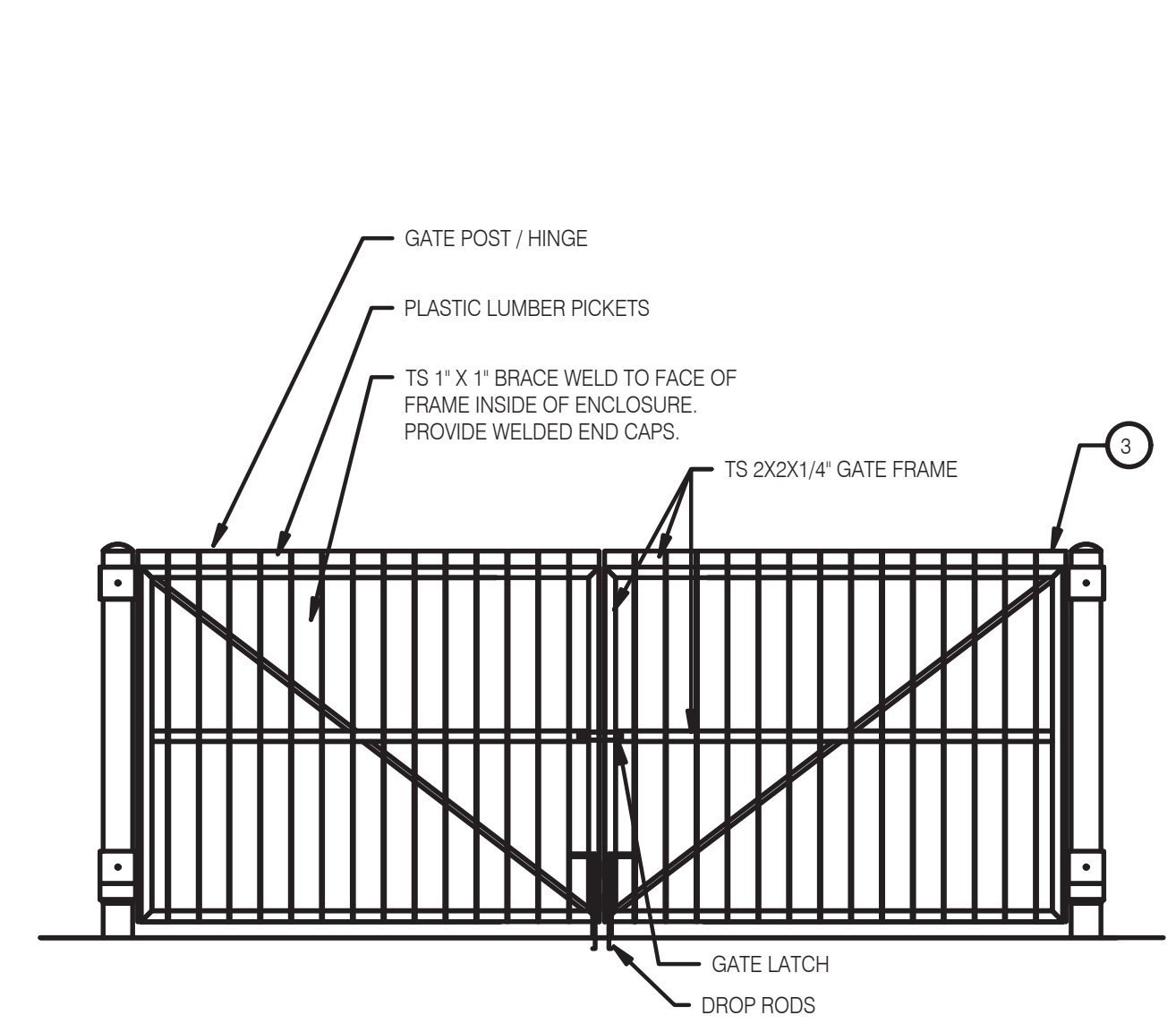
**GATE POST FOOTING** 3/4" = 1'-0" **H**

**GATE HARDWARE:** ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.

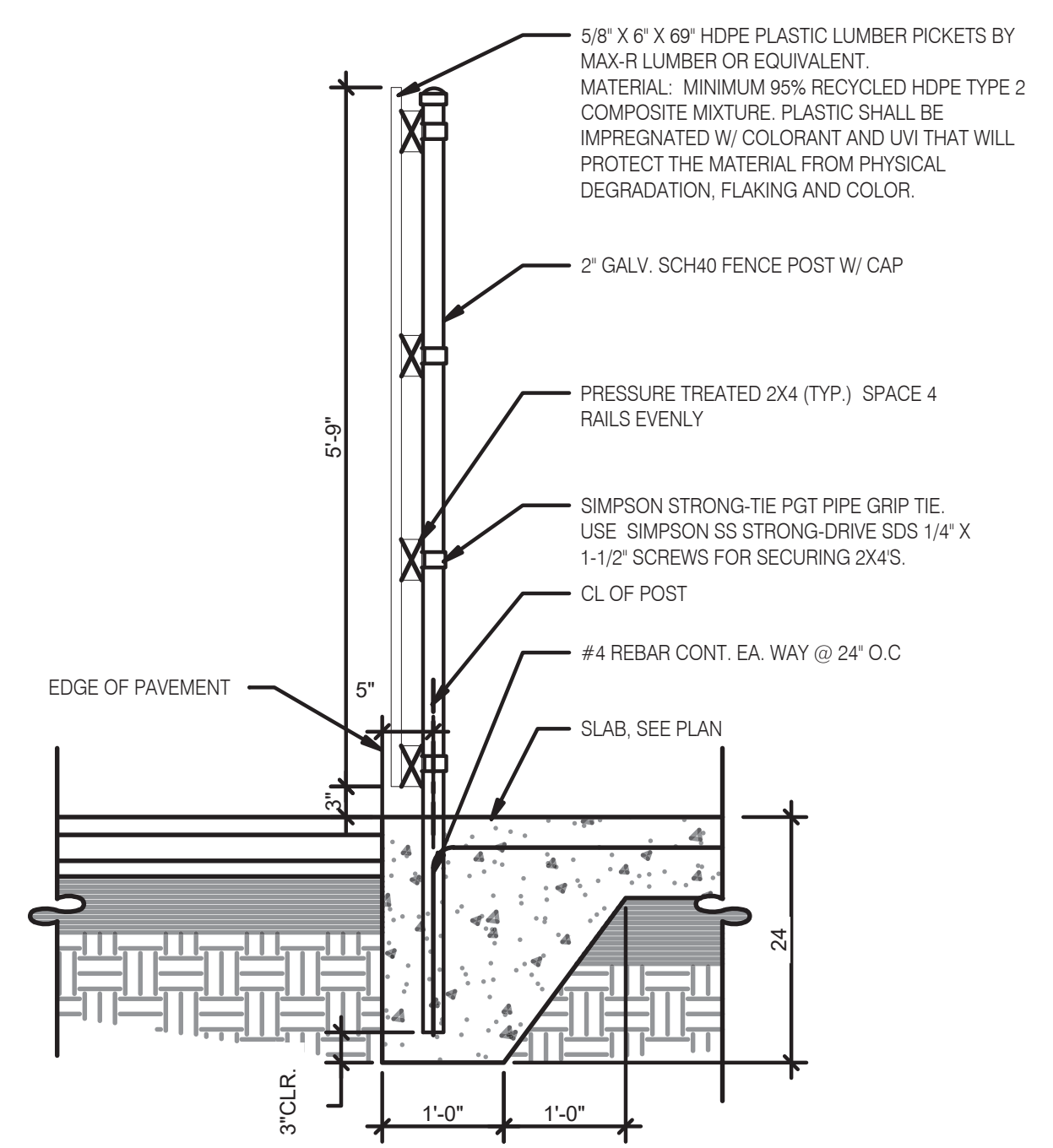
**GATE STOP:** MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.

**GATE NOTES:** (2) EQUAL WIDE x 6'-0" HIGH MTL. GATES, TYPE B 1 1/2" DECKING, 22GA. W.T.S. 1 X 1 1875 BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT ALL STEEL COMPONENTS.

**ENCLOSURE NOTES** N.T.S. **G**



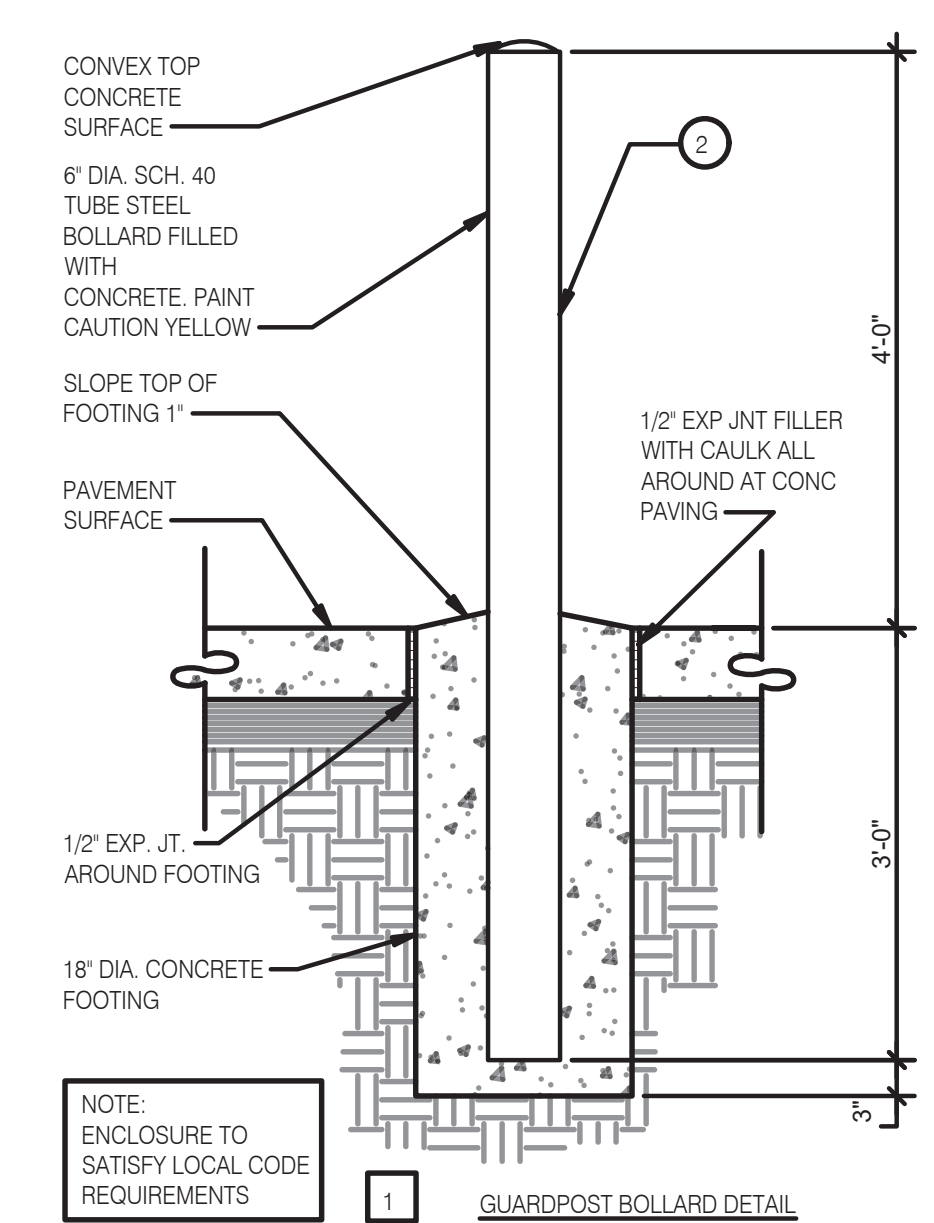
**FRONT ELEVATION** N.T.S. **D**



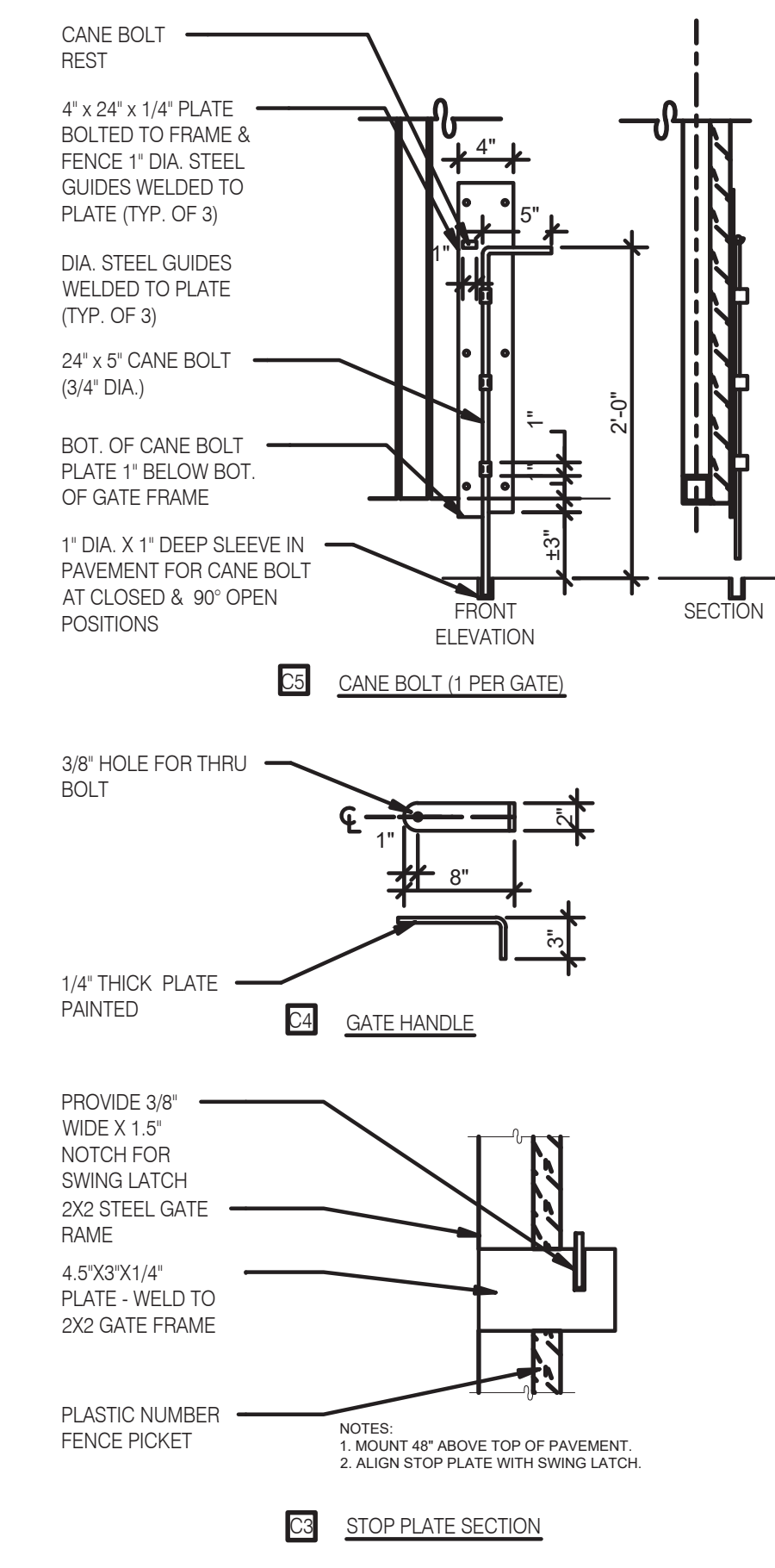
**FENCE SECTION** 3/4" = 1'-0" **F**

SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME COLOR	SHERWIN WILLIAMS	SW 7055 ENDURING BRONZE
2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW
3	HDPE LUMBER	MAX. R	LIGHT BROWN TEXTURE

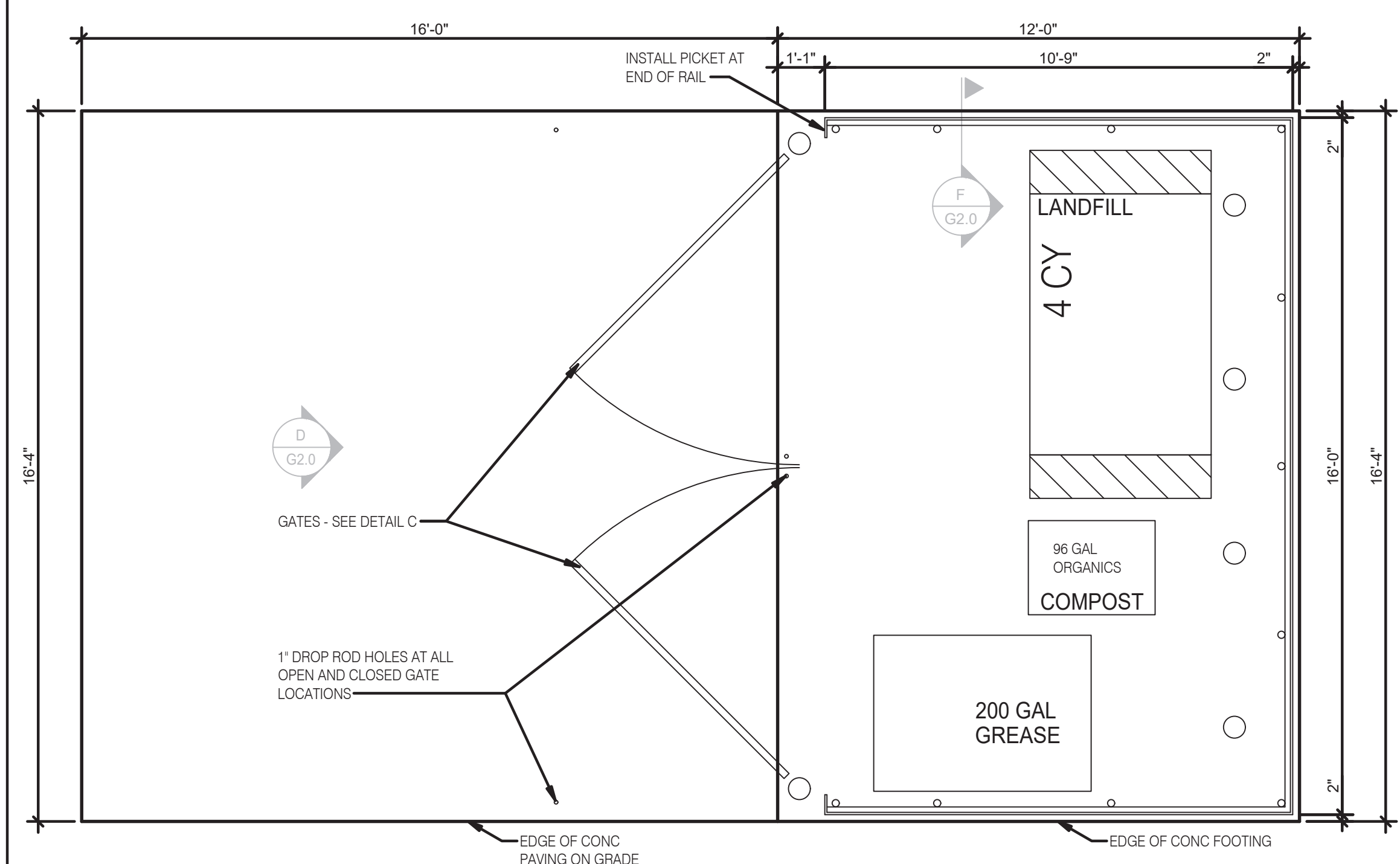
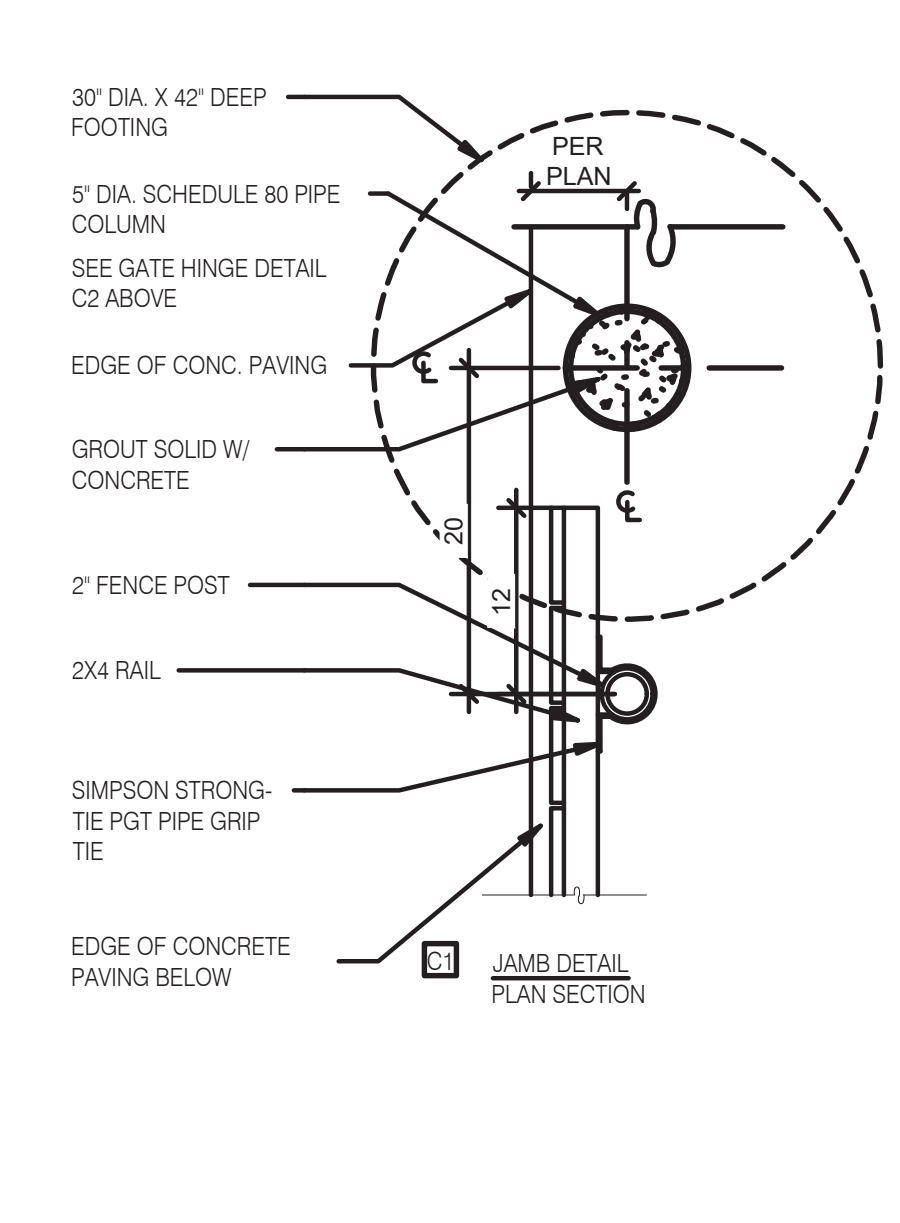
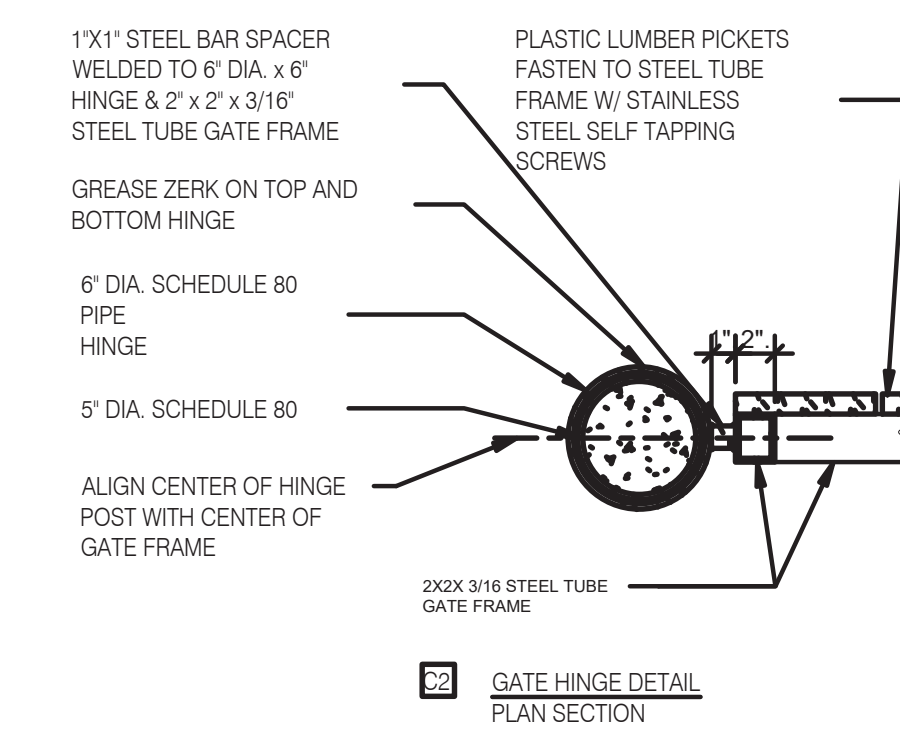
**SCHEDULE** N.T.S. **E**



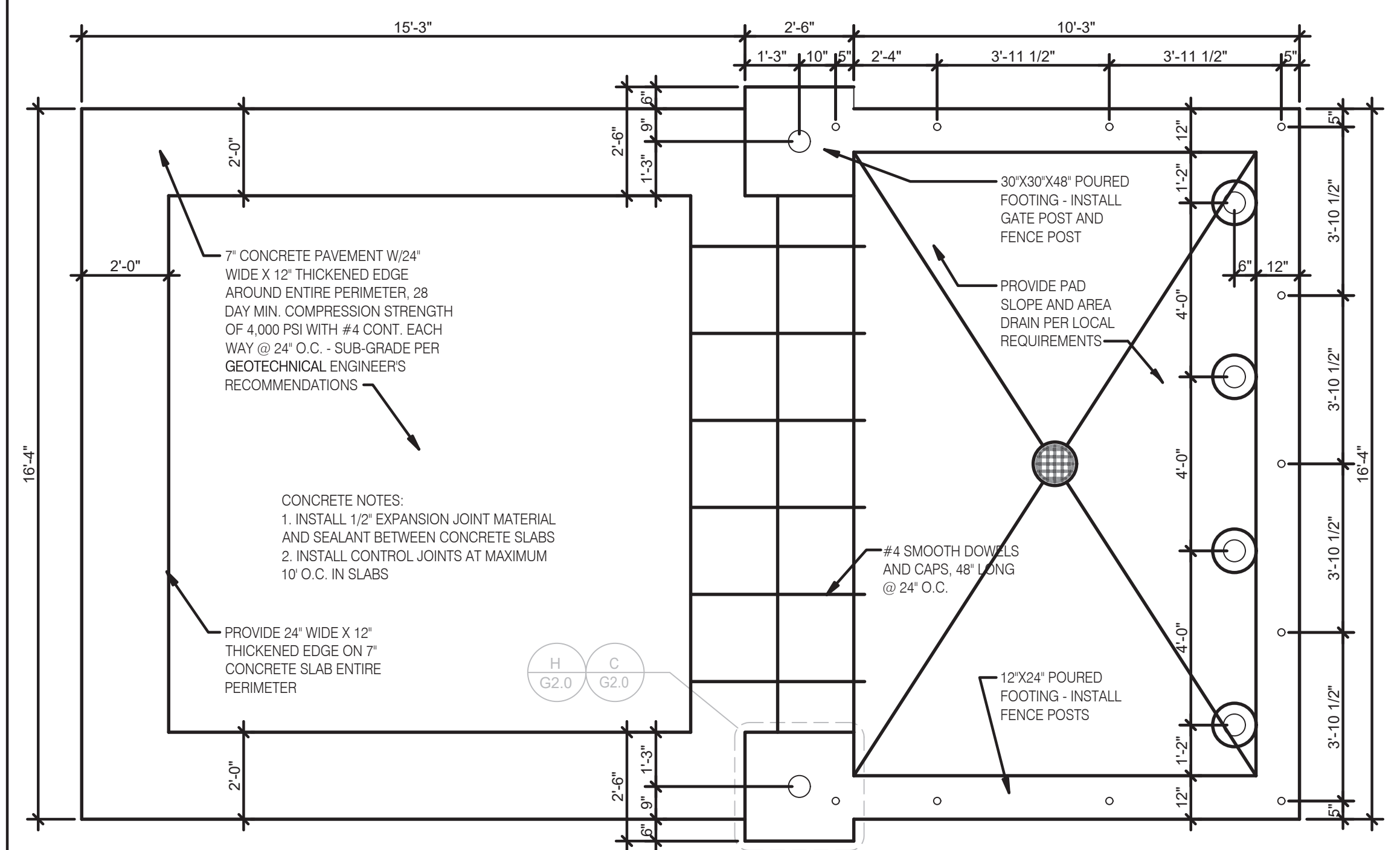
**BOLLARD DETAILS** 3/4" = 1'-0" **B**



**GATE DETAILS** N.T.S. **C**



**PLAN**



**FOUNDATION PLAN**



**TRASH LAYOUT** 3/8" = 1'-0" **A**



**L+A ARCHITECTS INC. A.I.A.**  
 441 S. LIVERNOIS ROAD SUITE 265  
 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:   
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:   
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:   
 DRAWN BY.:   
 JOB NO.:

**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453

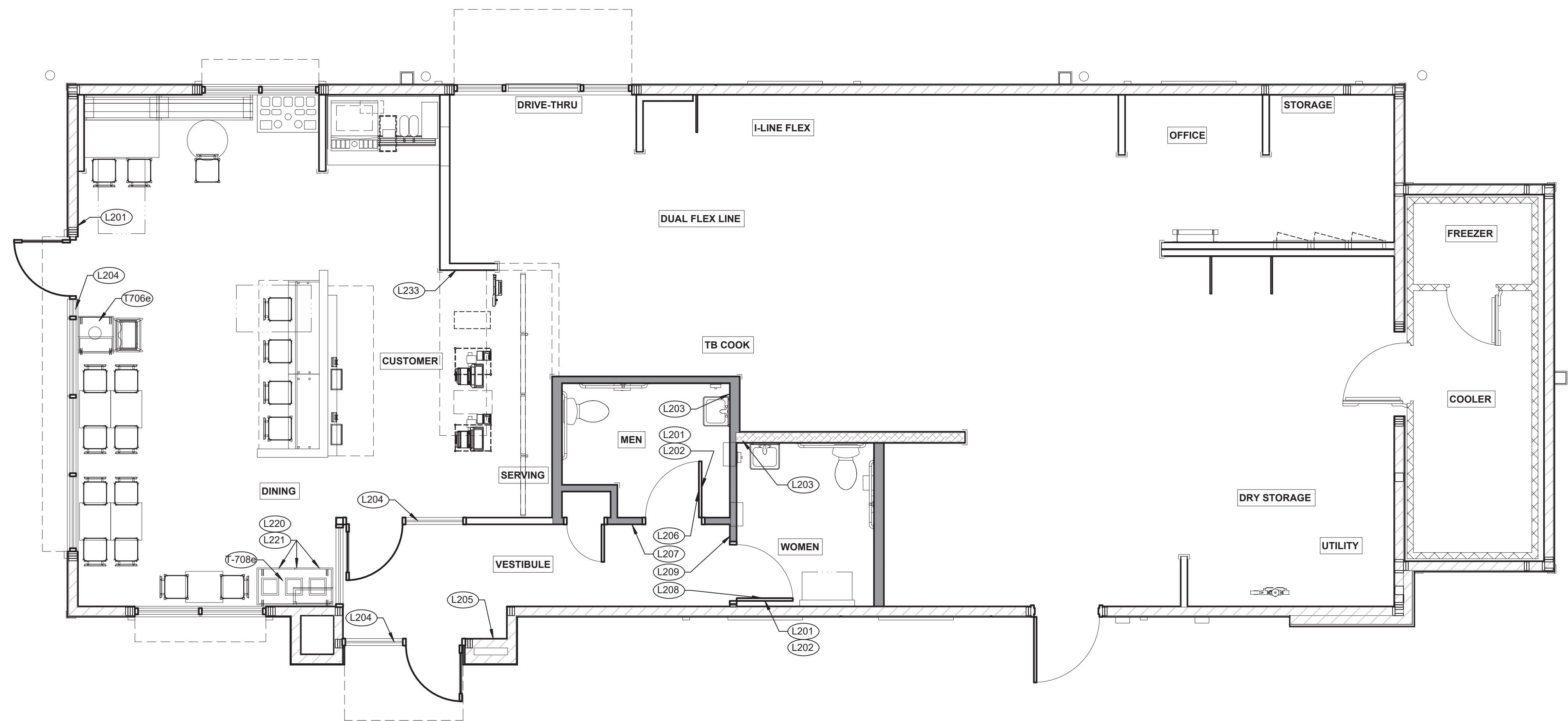
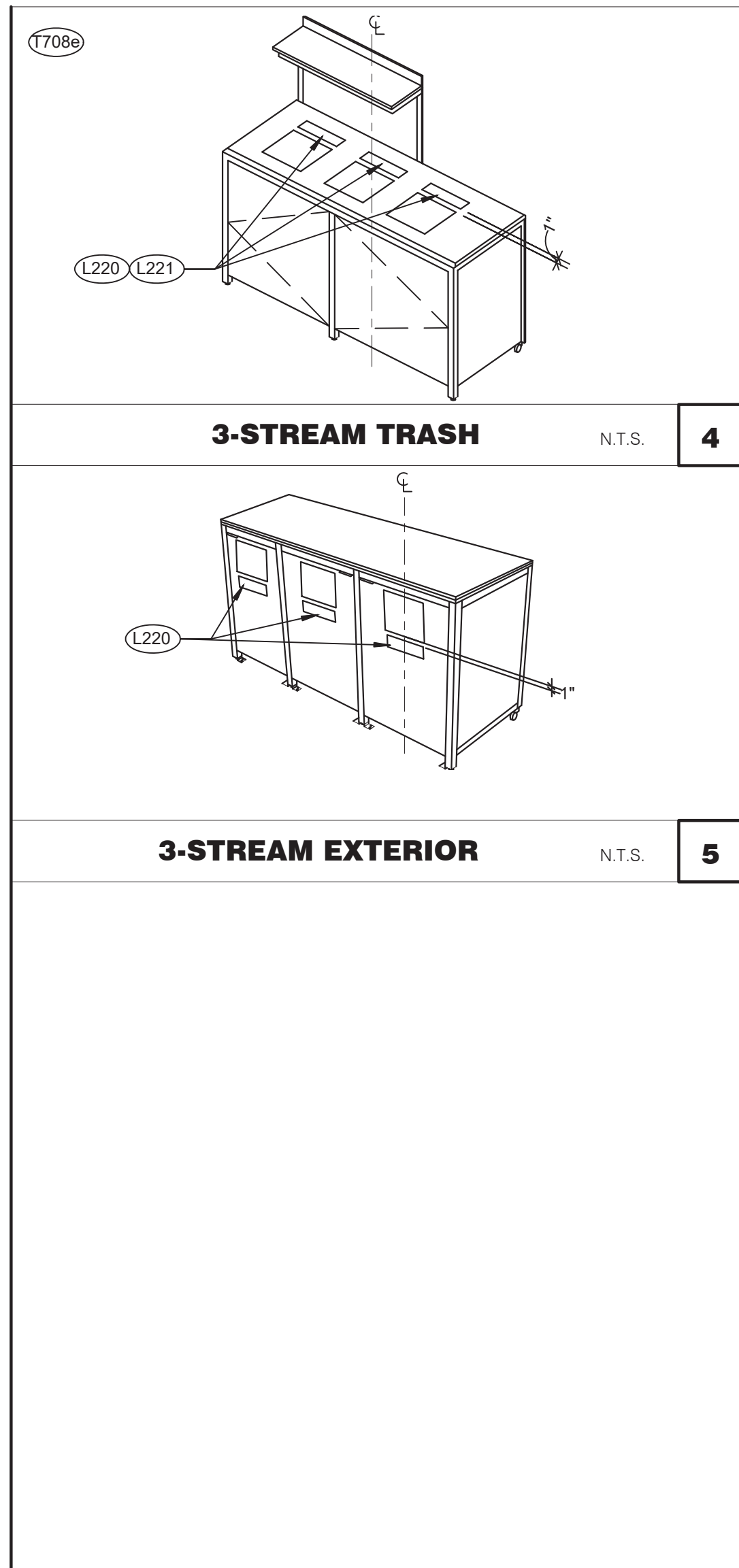


**ENDEAVOR 2.0 TRASH ENCLOSURE DETAILS**

**G2.0**

PLOT DATE: 6/23/2022





**L + A**  
**ARCHITECTS**  
**INC. A.I.A.**  
 441 S. LIVERNOIS ROAD  
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**SIGNAGE PLAN 1/4" = 1'-0" 1**

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	No Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 6 x 6	48" MIN. A.F.F. 60" MAX. A.F.F.	2	On back of restroom door
L202	Clean Restroom	To our customers: We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty. Thank you	1/16 x 6 x 6	60" A.F.F.	2	On back of restroom door
L203	Hand Wash Notice	Employees must wash hands before returning to work	1/16 x 6 x 6	60" A.F.F.	2	1 inside each restroom near sink
L204	Exit (w/ Braille)	Exit	1/16 x 6 x 6	60" A.F.F.	3	1 at each customer exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	8'-0" to center of sign	1	At side entrance. Only 1 is needed
L206	Men's Restroom Triangle (W/B)	INFOGRAPHIC of male	1/4 x 12 x 12	60" A.F.F.	1	Mounted on men's restroom door
L207	Men's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Men's restroom	1/4 x 8 x 6	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L208	Women's Restroom Circle (W/B)	INFOGRAPHIC of female	1/4 x 12 x 12	60" A.F.F.	1	Mounted on women's restroom door
L209	Women's Restroom (w/ Braille)	INFOGRAPHIC of female and braille to read: Women's restroom	1/4 x 8 x 6	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	60" A.F.F.	1	On wall next to front counter

**STANDARD REQUIRED SIGNAGE 3**

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT	LOCATION EQUIVALENT
L220	Landfill / Compost / Recycle	Landfill / Compost / Recycle	1/16 x 8.5 x 3	SEE 4/G4.0	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L222. Match label with shape on top of trash receptacle	L221 (use if restaurant is NOT COMPOSTING)
L221	Landfill / Plastic, Metal, Glass / Paper	Landfill / Plastic, Metal, Glass / Paper	1/16 x 8.5 x 3	SEE 4/G4.0	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L223. Match label with shape on top of trash receptacle	L220 (use if restaurant is COMPOSTING)

**ALTERNATE SIGNAGE 2**

DATE	REMARKS

CONTRACT DATE:  
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 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:  
 DRAWN BY:.  
 JOB NO.:

**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0**  
**SIGNAGE PLAN**

**G4.0**

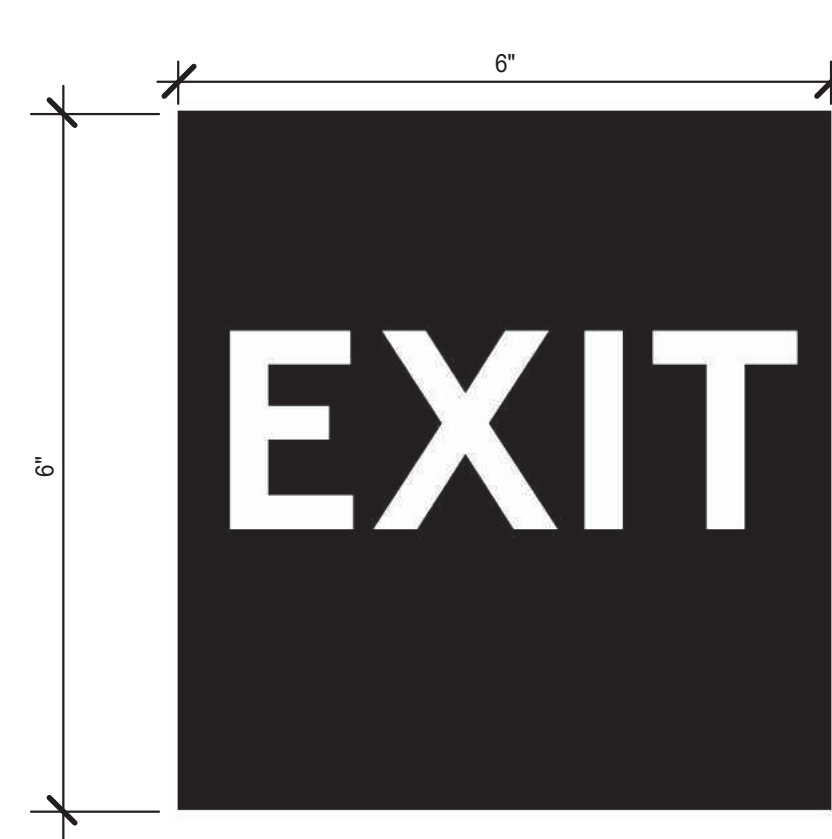
PLOT DATE: 6/23/2022



3 STREAM TRASH 1 - BIN LABELS (L220) 13



WOMEN RESTROOM WHITE SIGN (L208) 9



EXIT BRAILLE SIGN (L204) 5



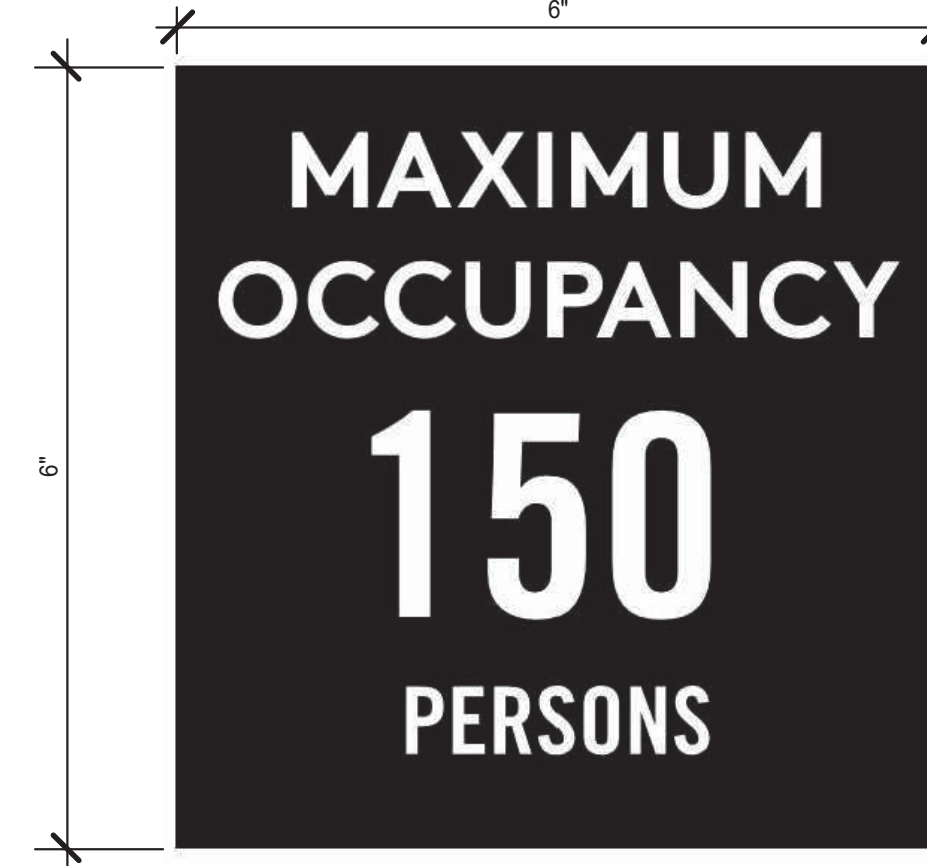
NO SMOKING SIGN (L201) 1



3 STREAM TRASH 2 - LABELS (L221) 14



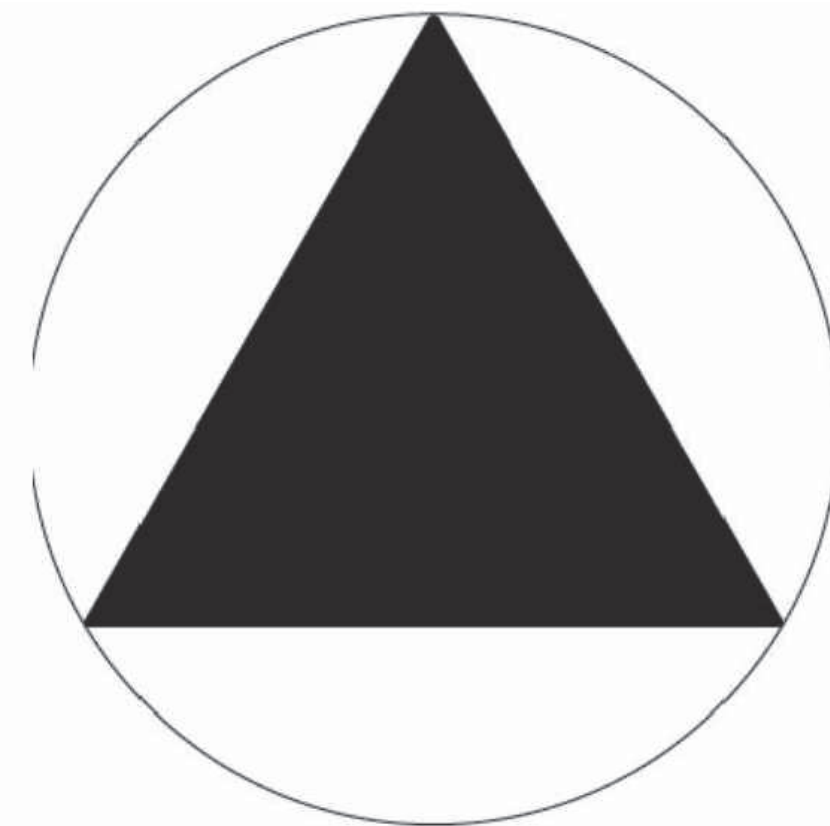
WOMEN RESTROOM BRAILLE SIGN (L209) 10



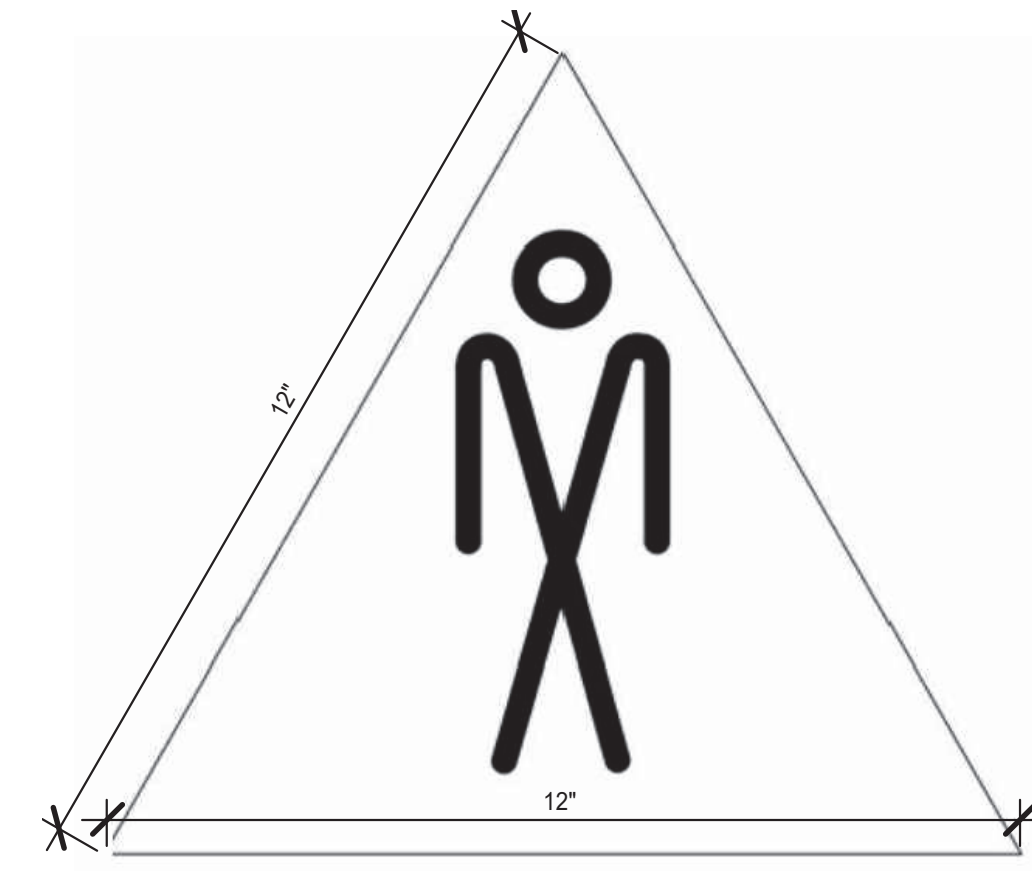
OCCUPANCY SIGN (L205) 6



NOT USED 2



GENDER NEUTRAL RESTROOM SIGNAGE (L228) 11



MEN RESTROOM WHITE SIGN (L206) 7



CLEAN RESTROOM SIGN (L202) 3



IF YOU NEED ASSISTANCE (L233) 12



MEN RESTROOM BRAILLE SIGN (L207) 8



HAND WASH NOTICE SIGN (L203) 4



L + A ARCHITECTS INC. A.I.A. 441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 PHONE: (248) 524-4700 FAX: (248) 524-9746 PROJECT # 22002

Table with 2 columns: DATE, REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER: 315876 STORE NUMBER: 458993 PA/PM: DRAWN BY: JOB NO.:

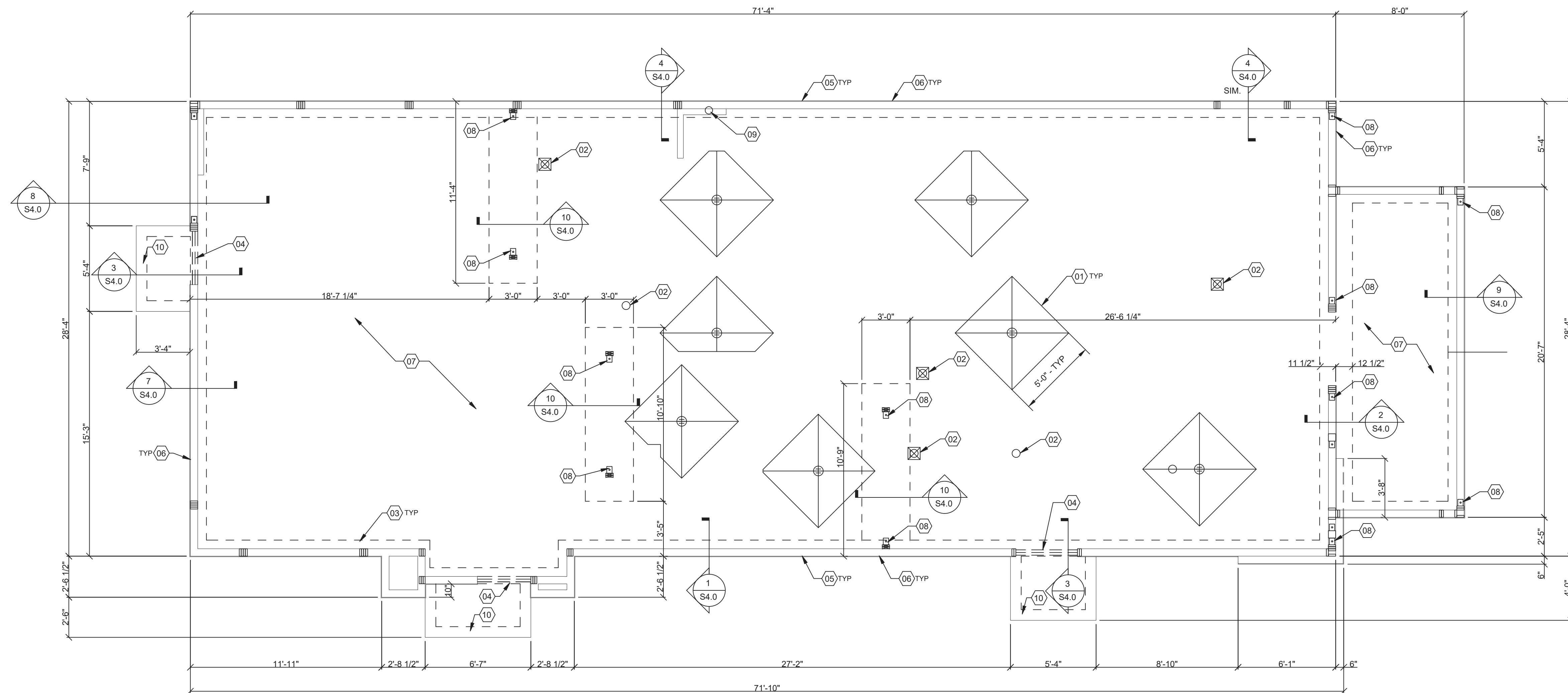
GREAT LAKES TACO, LLC 2727 Main Street (M-53) Marlette, Michigan 48453



ENDEAVOR 2.0 SIGNAGE DETAILS

G4.1

PLOT DATE: 6/23/2022



**FOUNDATION PLAN** 1/4" = 1'-0" **A**

**DESIGN CRITERIA:**

<b>DESIGN CRITERIA:</b> 2015 MICHIGAN BUILDING CODE AND REFERENCES NOTED WITHIN	<b>SEISMIC LOADS:</b> RISK CATEGORY: II SEISMIC IMPORTANCE FACTOR: 1.0 SITE CLASS: D
<b>ROOF SNOW LOADS:</b> GROUND SNOW LOAD (Pg): 30 PSF EXPOSURE FACTOR (Ce): 0.9 IMPORTANCE FACTOR (I): 1.0 THERMAL FACTOR (Ct): 1.0	<b>MAPPED SPECTRAL RESPONSE ACCEL:</b> Ss: 0.072g S1: 0.039g
<b>ROOF LOADS:</b> LIVE LOAD: 20 PSF DEAD LOAD: 20 PSF	<b>SPECTRAL RESPONSE COEFF.:</b> SHORT PERIODS (SDS): 0.077g 1 SEC. PERIODS (SD1): 0.063g SEISMIC DESIGN CATEGORY: A
<b>WIND LOADS:</b> 3 SECOND GUST: 115 MPH RISK CATEGORY: II EXPOSURE CATEGORY (MMFRS): C INTERNAL PRESSURE COEFF.: ± 1.8	<b>WOOD SHEARWALLS:</b> RESPONSE MOD FACTOR (R): 6.5 DESIGN BASE SHEAR (Cs): 0.05W ANALYSIS BY SIMPLIFIED PROCEDURE

**DESIGN CRITERIA** **D**

**FOUNDATION NOTES - TYP U.N.O.:**

- FOUNDATION**
- GENERAL CONTRACTOR'S GEOTECHNICAL ENGINEER SHALL COMPLETE BORINGS AND PROVIDE THE GEOTECHNICAL ENGINEERING REPORT PRIOR TO BEGINNING PROJECT.
  - CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PLY ON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
  - COORDINATE STRUCTURAL PLANS AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT. FOUNDATION DESIGN IS BASED ON 1,500 PSF ALLOWABLE BEARING CAPACITY. CONTRACTOR SHALL TREAT SOIL BELOW SLAB FOR TERMITES.
  - REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTHWORK, OVEREXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.
  - PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. LOWER FOOTINGS AND GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
  - MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
  - ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.
  - DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
  - MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.

**CONCRETE:**  
CONCRETE SHALL BE HARD ROCK CONC. (5 SACK CEMENT PER CU. YD. MIN.) AND MEET THE FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

LOCATION	MIN STRENGTH 28 DAY PSI (4000 DESIGN)	AGGREGATE SIZE - INCHES 1" x 4"	SLUMP INCHES 3-1/2"	TOLERANCE +/-1/2"
SLAB ON GRADE	4000	1" x 4"	3-1/2"	+/-1/2"
FOUNDATIONS	3000	1" x 4"	3-1/2"	+/-1/2"

- CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
- CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-318-05 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.
- ANCHOR BOLTS - A36 OR A307, USE 5/8" DIAMETER x 12" ANCHOR BOLTS (A.B.) AT 48" O.C. U.O.N. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONC.
- TO RESIST FREEZE - THAW DEGRADATION W/C. RATIO SHALL NOT EXCEED .50 FOR CONCRETE IN CONTACT WITH SOILS.
- TOTAL AIR CONTENT TO BE 6% ± 1.5%.

**SLAB:**  
A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ WWF 6x6-W1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY, OVER 10 MIL VISQUEEN MEMBRANE, OVER 4" AGGREGATE BASE, OVER ENGINEERED SUBGRADE.

- MISCELLANEOUS:**
- DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.
  - DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
  - DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
  - SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.
  - SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N.
  - COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

**FOUNDATION NOTES** **C**

- FLOOR DRAINS LOCATED 1/2" BELOW T.O. SLAB. SLOPE SLAB AS INDICATED ON PLAN TO PROVIDE POSITIVE DRAINAGE.
- PROVIDE HUB DRAIN (HD) OR CLEANOUT UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0, BOTTOM OF FOOTING (B.O.F.)
- DEPRESSED FOUNDATION WALL AT THRESHOLD. SEE 3/S4.0.
- ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND SHEARWALL SCHEDULE." SEE DIS2.0.
- CONTINUOUS R-5 RIGID INSULATION WITH GRADE FLASHING ON OUTSIDE FACE OF FOUNDATION - FULL HEIGHT.
- CONCRETE SLAB ON GRADE - SEE C/S1.0 FOR ADDITIONAL INFORMATION.
- REFER TO SHEET S1 FOR HOLD DOWN AND EMBEDMENT INFORMATION.
- ROUND PLUMBING CLEANOUT.
- 4" MINIMUM FULLY SUPPORTED SLAB WITH 6"x6"-W1.4x1.4 WELDED WIRE MESH ON 8"x42" MINIMUM FOOTINGS OUTSIDE EXTERIOR DOORS.

**FOUNDATION KEYNOTES** **B**



**L + A**  
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PHONE (248) 524-4700 FAX (248) 524-9746  
PROJECT # 22002

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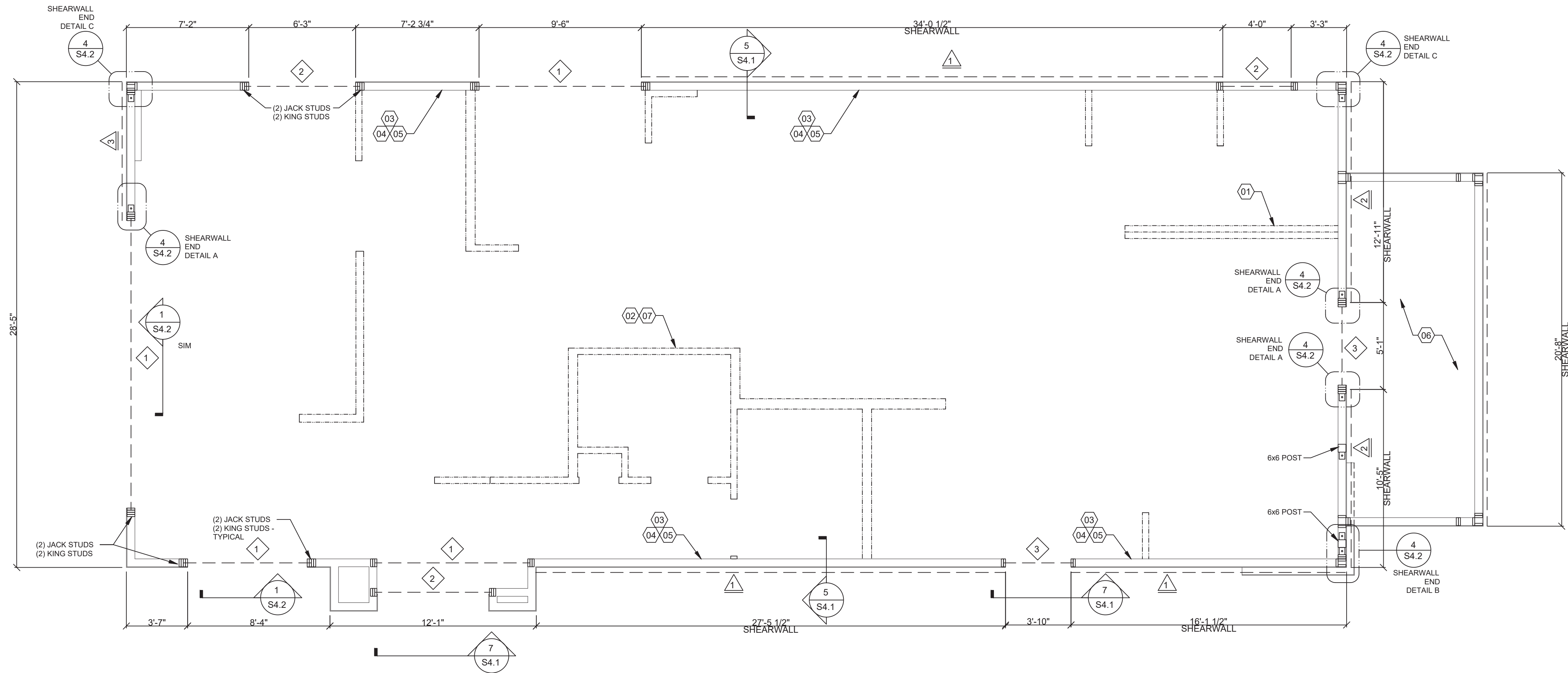
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**ENDEAVOR 2.0**  
**FOUNDATION**  
**PLAN**

**S1.0**

PLOT DATE: 6/23/2022



**WALL FRAMING PLAN** 1/4" = 1'-0" **A**

HEADER SCHEDULE		
MARK	BUILT-UP SECTION	MANUF. MEMBER
1	5 1/4 x 11 7/8 LVL	--
2	No. 1 (3) 2x12	SOUTHERN PINE NO. 1
3	(3) 2x6	--

NOTES:  
1. BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. REF 14/S4.1

**HEADER SCHEDULE** **E**

WALL SHEATHING AND SHEARWALL SCHEDULE					
SW	SHEATHING	EDGE	FIELD	PLATE / ANCHOR BOLT	REMARKS
1	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
3	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 2" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 12" O.C. W/ WASHER	PLYWOOD ON BOTH SIDES OF WALL - USE 3x BLOCKING
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 48" O.C. W/ WASHER	NAILING @ HEADERS PER 12/S4.1

\*\*\* REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS  
1. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.  
2. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.  
3. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.  
4. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.  
5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.  
6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER 6/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.  
7. EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLD-DOWNS.  
8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 8" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.

**WALL SHEATHING AND SHEARWALL SCHEDULE** **D**

**WALL FRAMING NOTES - TYP U.N.O.:**

- WALL FRAMING:**  
A. EXTERIOR WALL NON-BEARING & BEARING STUDS SHALL BE NO. 2 SOUTHERN PINE. 6x6 POSTS TO BE SOUTHERN PINE #2. INTERIOR WALL STUDS MAY BE STUD GRADE.  
B. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.  
C. SEE SHEET A1.0 FOR DIMENSIONS.  
D. EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.  
E. ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED AND AT CLOSE-IN.  
F. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.  
G. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.  
H. USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.
- STUD LAYOUT:**  
A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.  
B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.

**WALL FRAMING NOTES** **C**

- 01 COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.  
02 INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 10 & 11/S4.1 AND WALL FRAMING NOTES.  
03 (2) 2x6 TOP PLATES - SPLICE PER 12/S4.1. U.O.N. REF. 1/S4.3 FOR CAP DETAIL.  
04 TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1.  
05 TOP OF PARAPET. SEE DETAIL 1/S4.3.  
06 FREEZER/COOLER BY MANUFACTURER.  
07 COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.

**WALL FRAMING KEYNOTES** **B**



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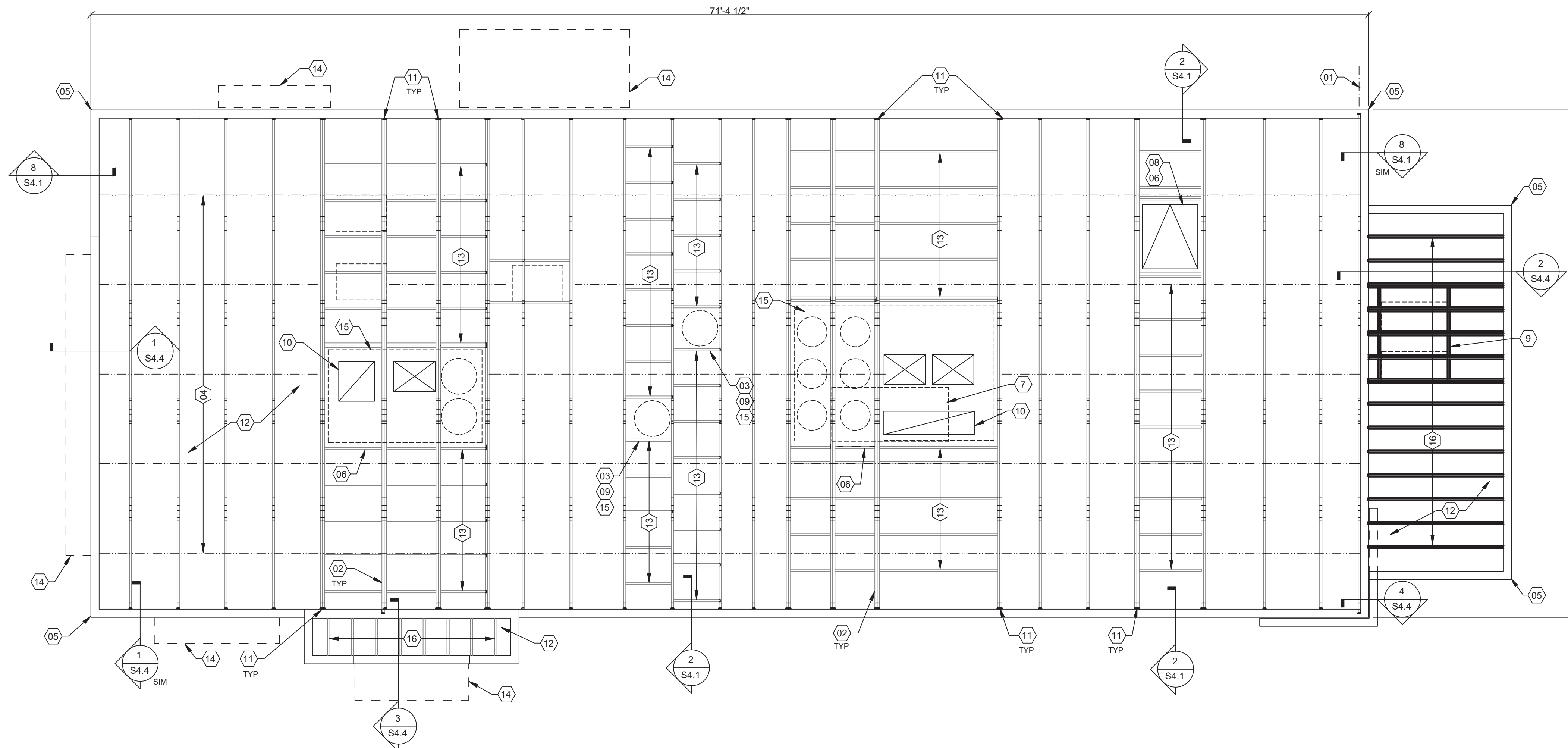
2727 Main Street (M-53)  
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**ENDEAVOR 2.0**  
**WALL FRAMING**  
**PLAN**

**S2.0**

PLOT DATE: 6/23/2022



**ROOF NAILING SCHEDULE**

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	
EN	10d @ 6" O.C.	
FN	10d @ 12" O.C.	
ROOF SHEATHING 1/2" CDX PLYWOOD (40/20), PS1 RATING		

NOTE:  
SEE 8/S4.2 AND 11/S4.2 FOR DEFINITIONS.

**ROOF NAILING SCHEDULE** **D**

**ROOF FRAMING NOTES - TYP U.N.O.:**

**ROOF FRAMING NOTES:**  
 A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSC1 CLIPS. PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 9/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.  
 B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

**MANUFACTURED ROOF TRUSS NOTES:**  
 A. MFRD ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.  
 B. "T" # DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 7/S4.2.  
 C. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS AND CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF MICHIGAN). SUBMIT SHOP DWGS AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT.  
 D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.  
 E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED THROUGHOUT PROJECT.  
 F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 2/S4.2.  
 G. MFRD ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 3/S4.2.  
 H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.  
 I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.  
 J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.  
 K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S EXPENSE.  
 L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.  
 M. TRUSS MANUFACTURER SHALL KEEP CHORD SPLICES AWAY FROM PANEL POINTS TO MINIMIZE PRESS PLATE PROFILE DIMENSIONS.

**ROOF FRAMING NOTES** **C**

- (01) STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS.
- (02) VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING AND ADDITIONAL UNIFORM LOADING, TYPICAL.
- (03) COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
- (04) CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 13/S4.1 FOR BRIDGING LAP DETAIL.
- (05) SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
- (06) (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. EDGES OF ALL ROOF TOP EQUIPMENT AND ALL ROOF OPENINGS - SEE DET. 6 & 10/S4.2.
- (07) LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAIL 6/S4.1.
- (08) ROOF HATCH.

- (09) BLOCKING UNIT ON ROOF TOP EQUIPMENT. COORDINATE WITH MECHANICAL.
- (10) HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
- (11) (2) 2x6 BUILT-UP COLUMN AT TRUSS BEARING, TYP. @ GIRDER. TRUSS ONLY. REF. DETAIL 12/S4.2.
- (12) 1/2" PLYWOOD ROOF DECK. SEE NAILING SCHEDULE, THIS SHEET.
- (13) 2x6 @ 2'-0" O.C. WITH SIMPSON U-26 EA. END.
- (14) CANOPY BY MANUF.
- (15) REFER TO DETAIL 9/S4.2 FOR EQUIPMENT WEIGHTS.
- (16) 2x6 JOISTS AT 16" O.C. - USE (2) 2x6 UNDER MECHANICAL UNIT.

**ROOF FRAMING PLAN** 1/4" = 1'-0" **A**

**ROOF FRAMING KEYNOTES** **B**



**L + A**  
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 SUITE 265  
 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:  
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 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:  
 DRAWN BY:.  
 JOB NO.:

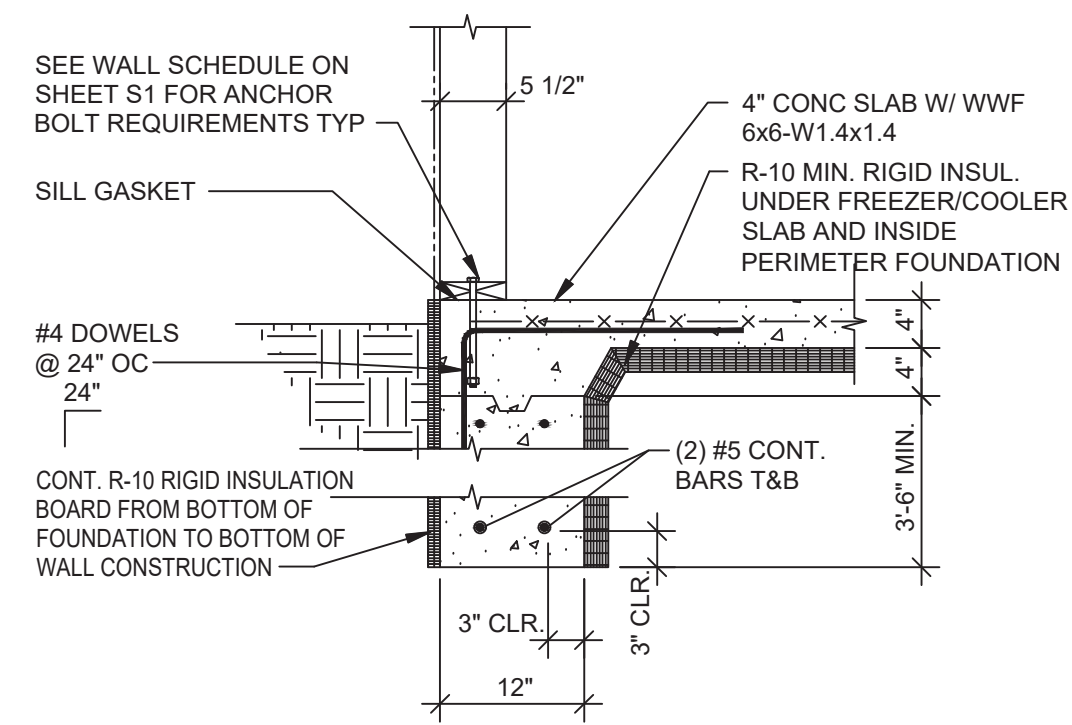
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



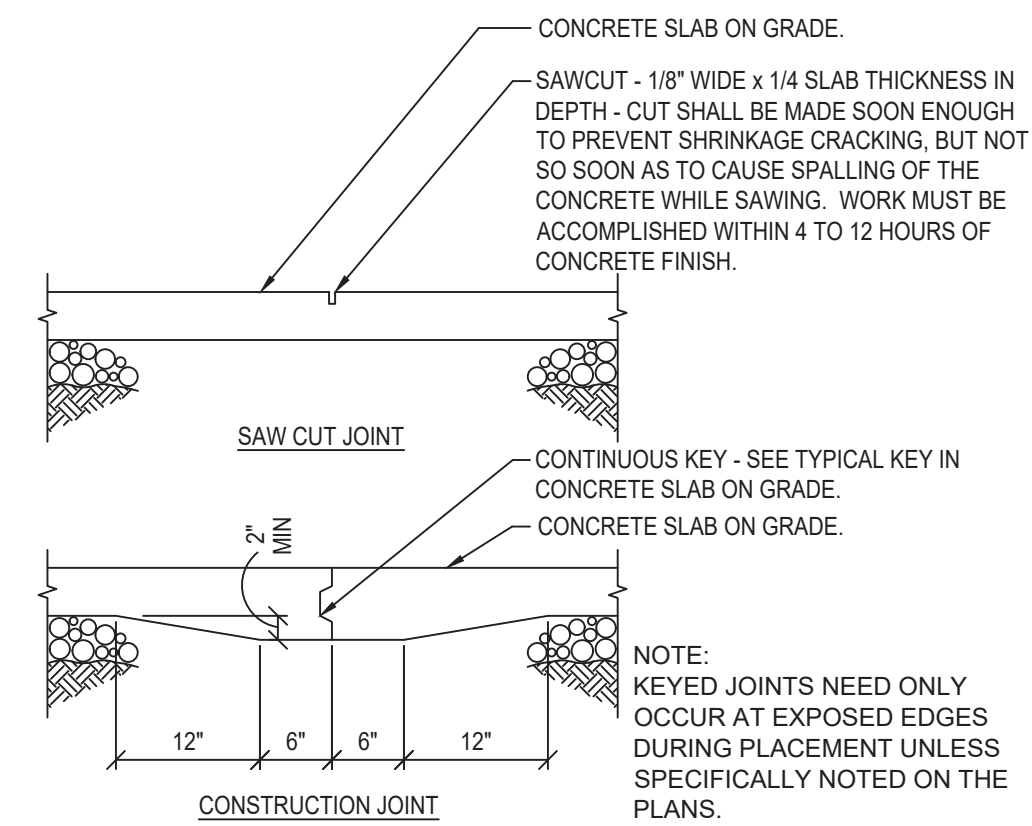
**ENDEAVOR 2.0**  
**ROOF FRAMING**  
**PLAN**

**S3.0**

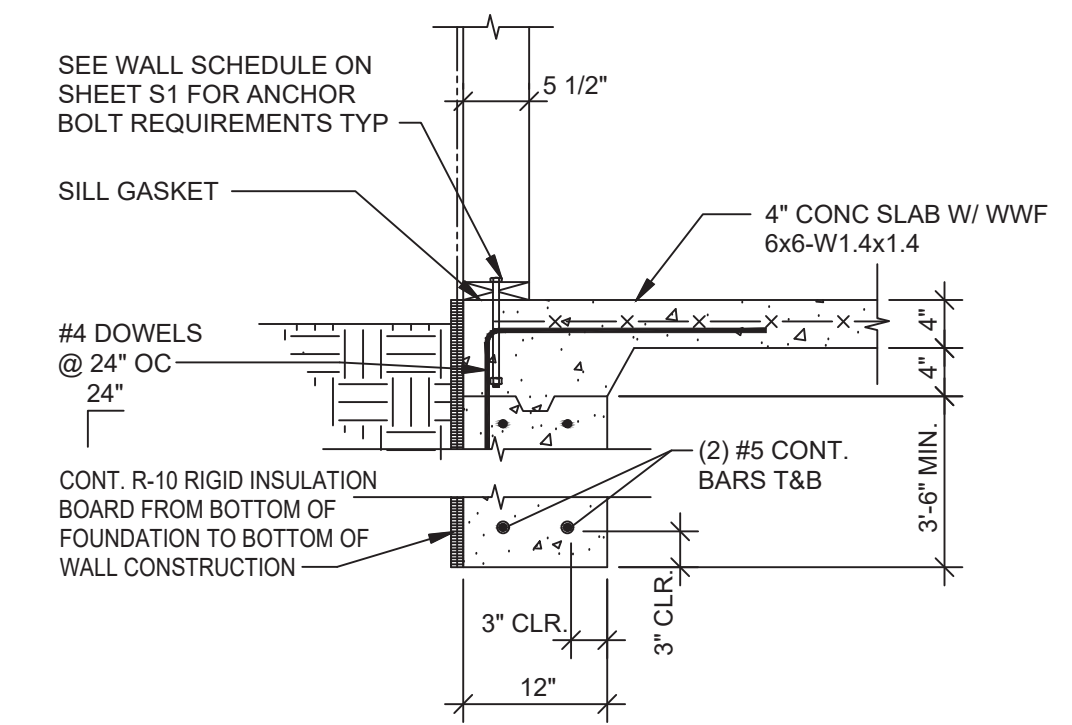
PLOT DATE: 6/23/2022



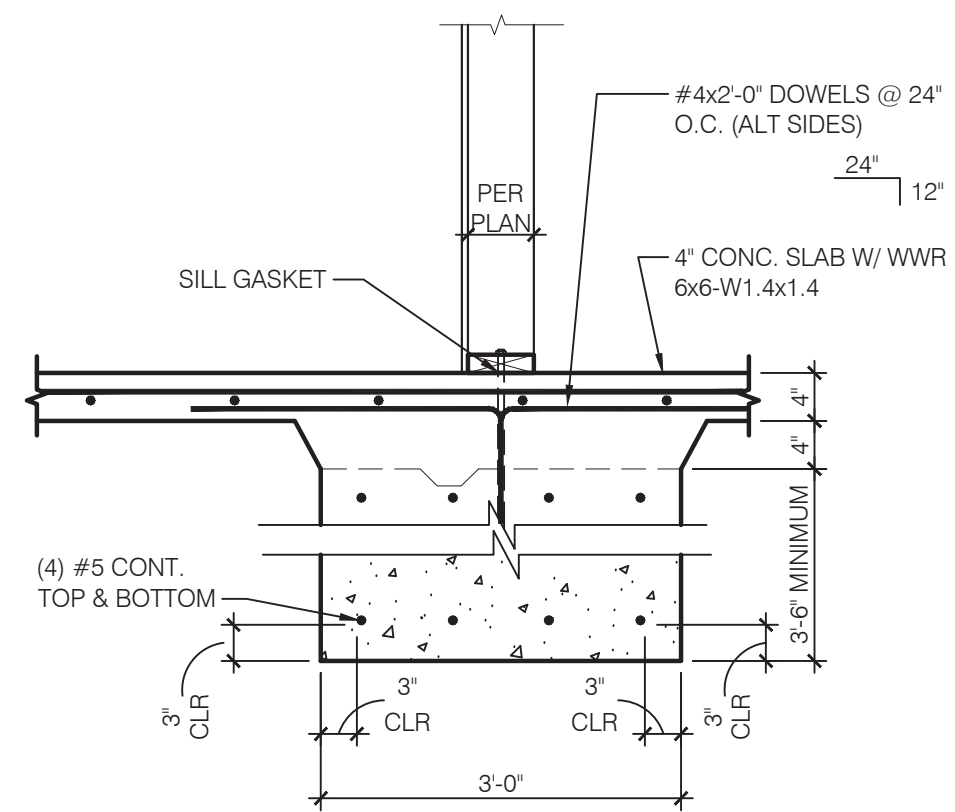
**FREEZER/COOLER SECTION** NO SCALE **9**



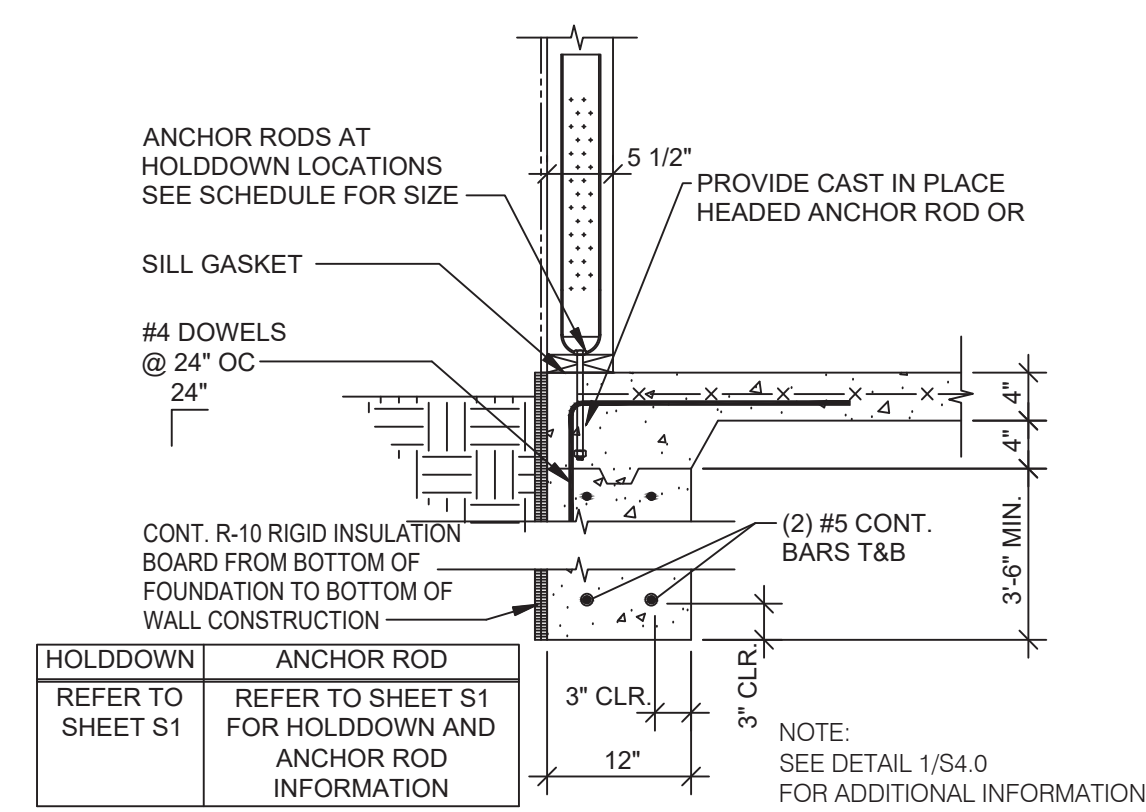
**CONCRETE CONTROL JOINT** NO SCALE **5**



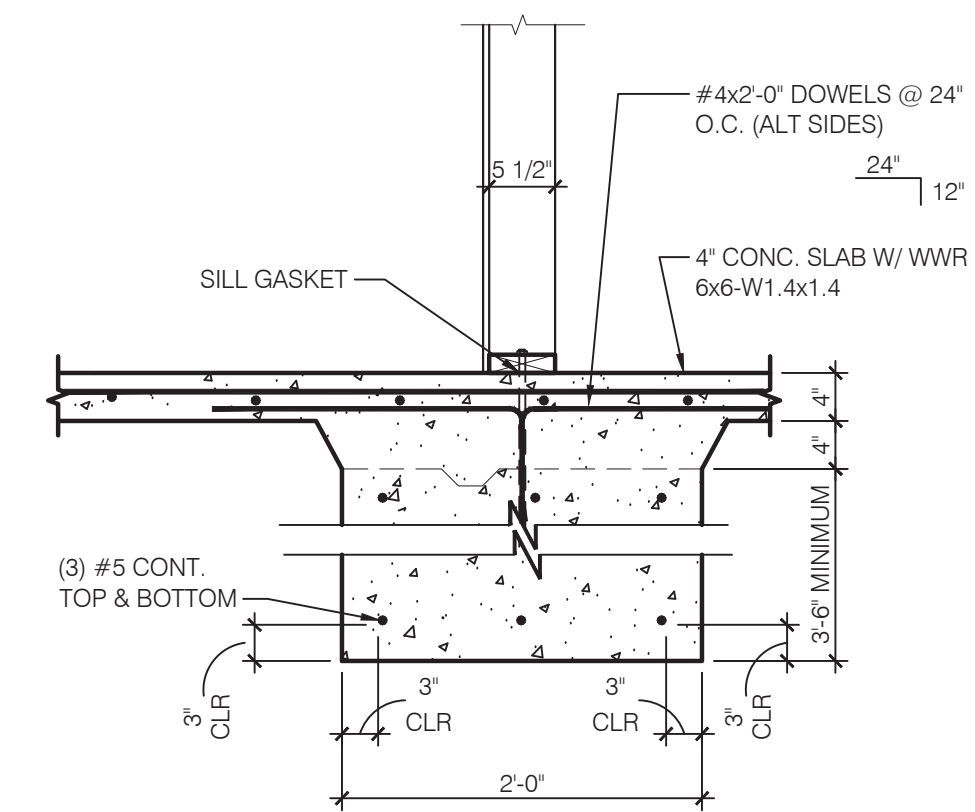
**FOOTING AT SIDE AND REAR WALLS** NO SCALE **1**



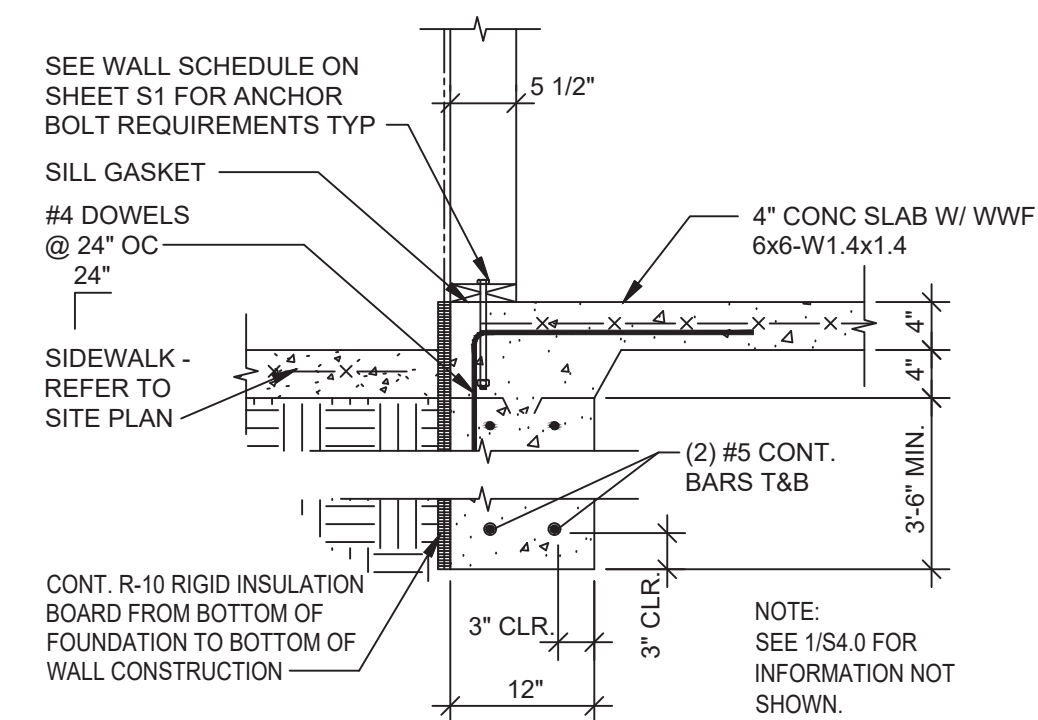
**FOOTING AT INT. SHEAR WALL** NO SCALE **10**



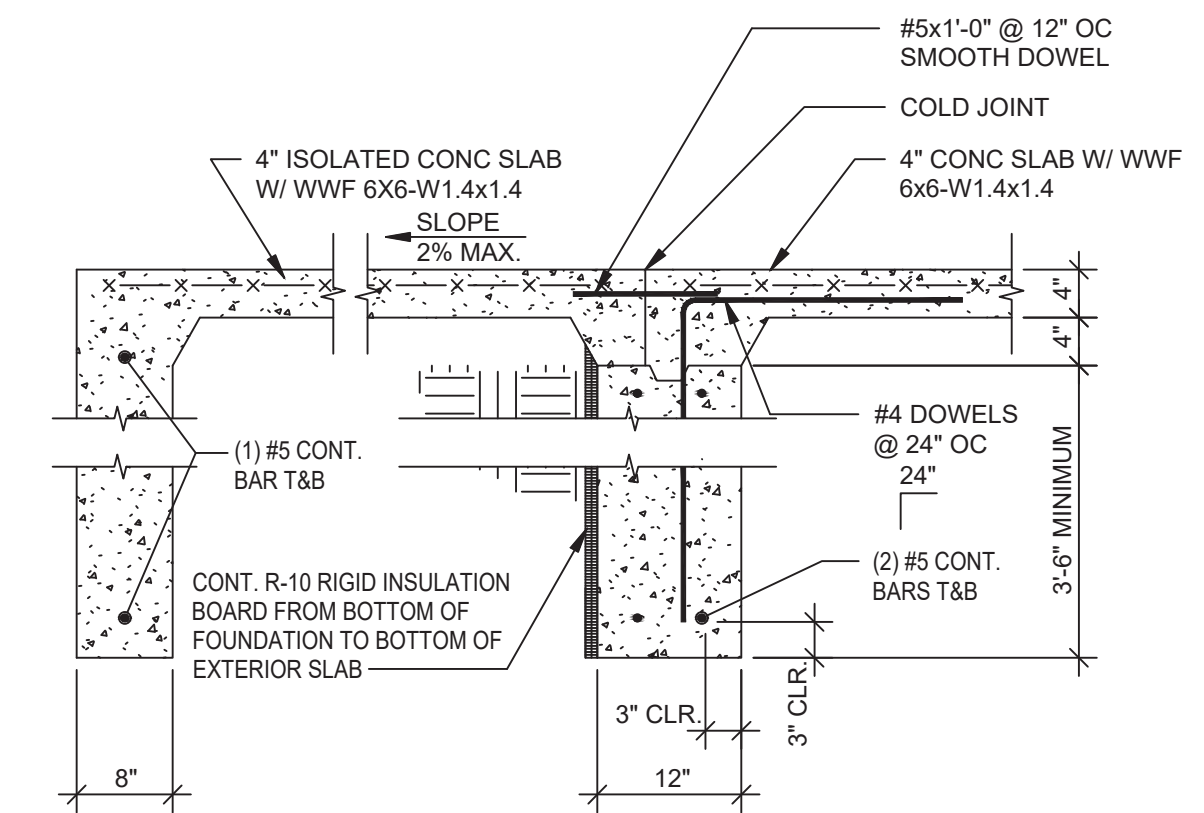
**HOLDDOWN DETAIL** NO SCALE **6**



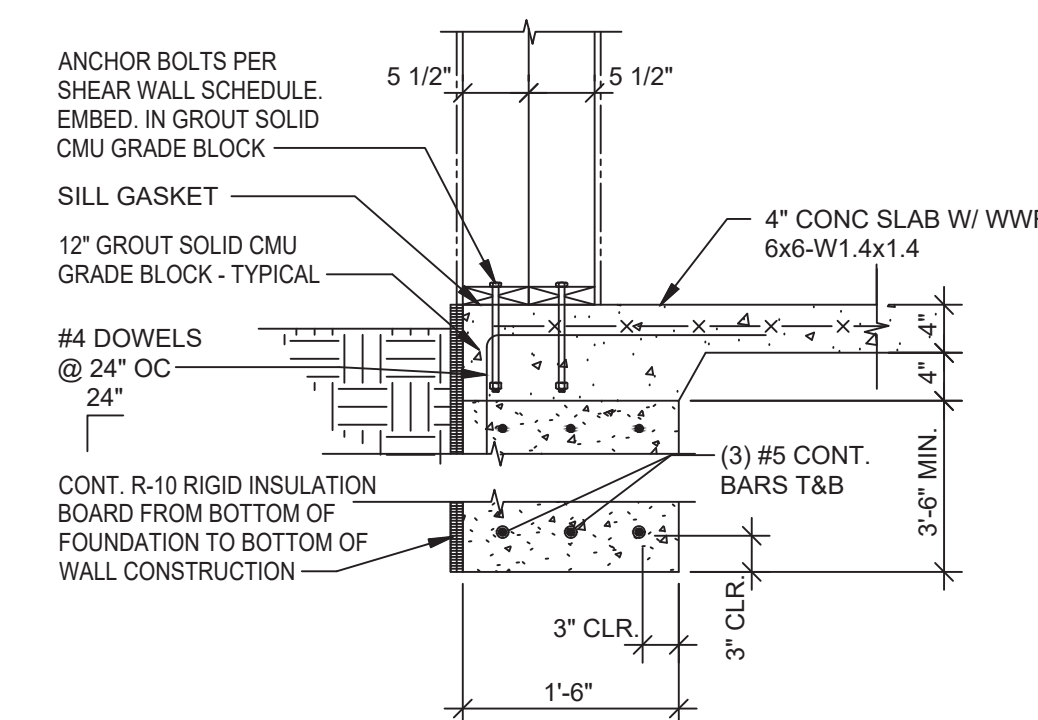
**FOOTING AT SHEARWALL** NO SCALE **2**



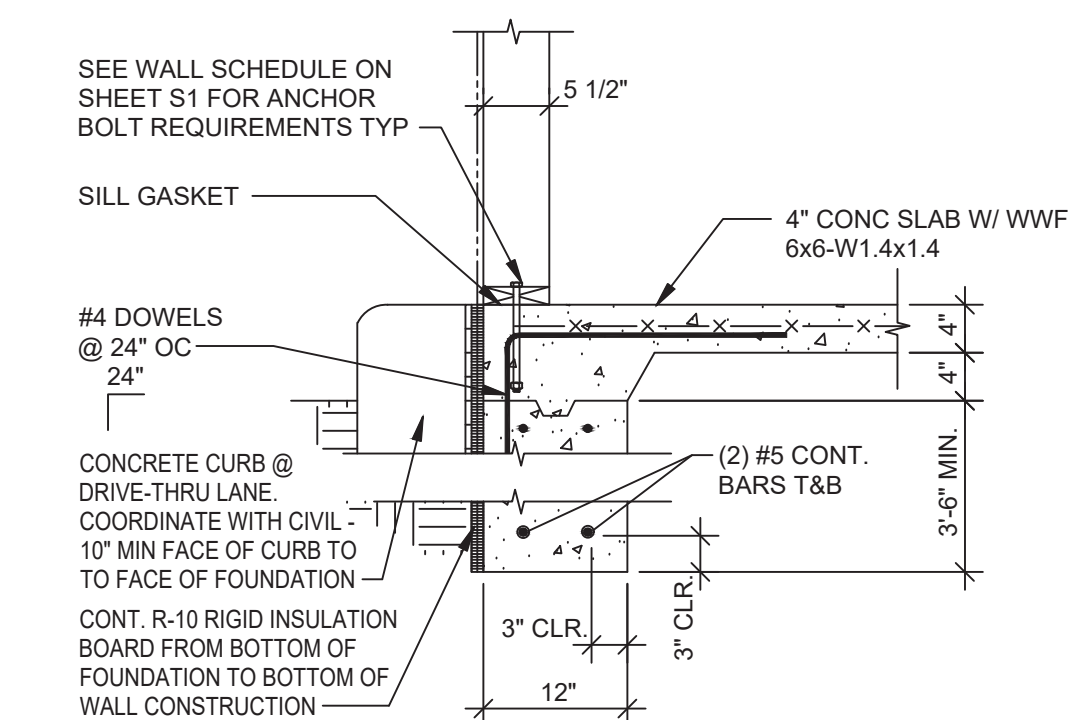
**FOOTING AT FRONT WALL** NO SCALE **7**



**FOOTING AT FULL HEIGHT OPENING** NO SCALE **3**



**FOOTING AT SHEARWALL 3** NO SCALE **8**



**FOOTING AT DRIVE THRU** NO SCALE **4**



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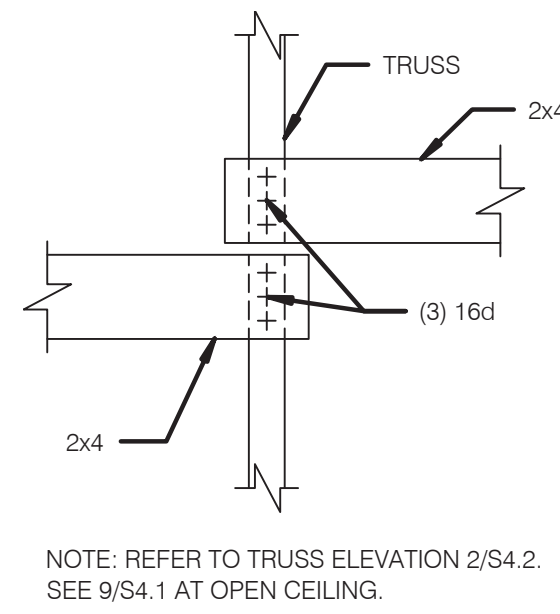


**ENDEAVOR 2.0 FOUNDATION DETAILS**

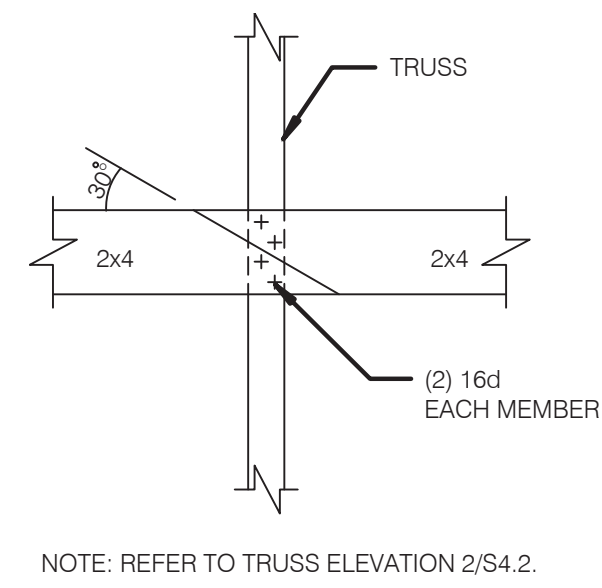
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PLOT DATE: 6/23/2022

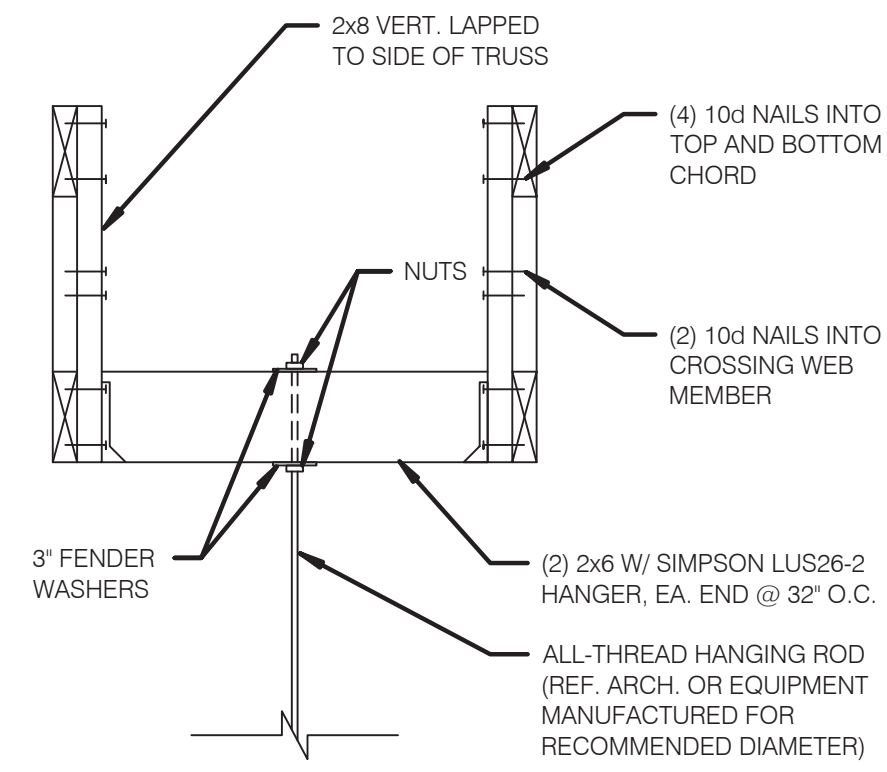




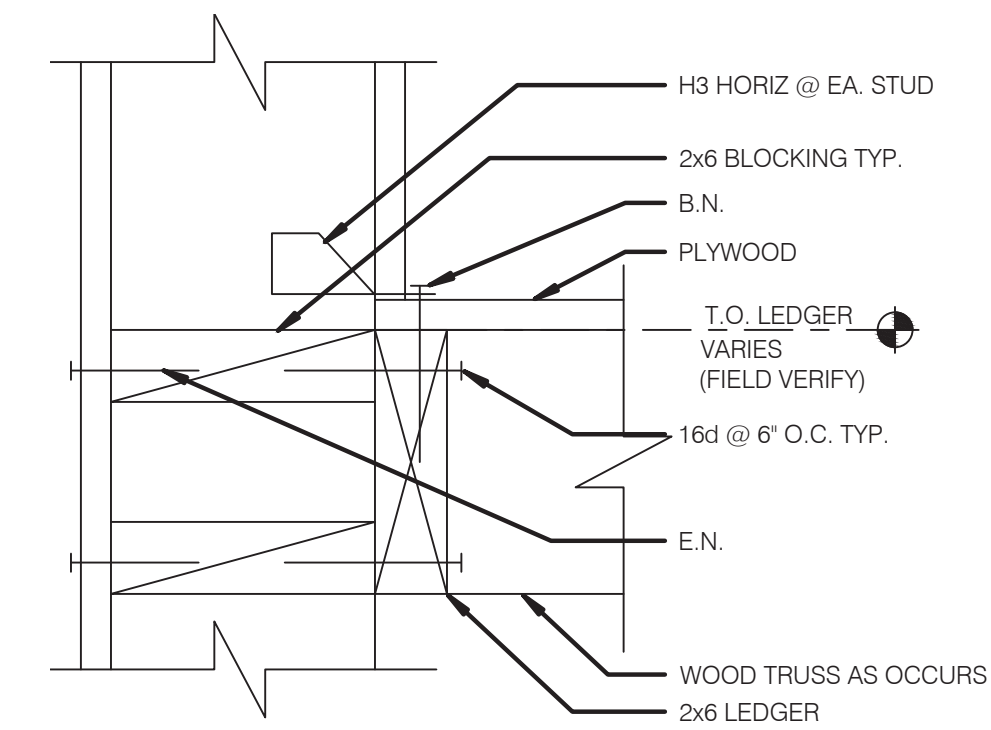
**BRIDGING LAP DETAIL** NO SCALE **13**



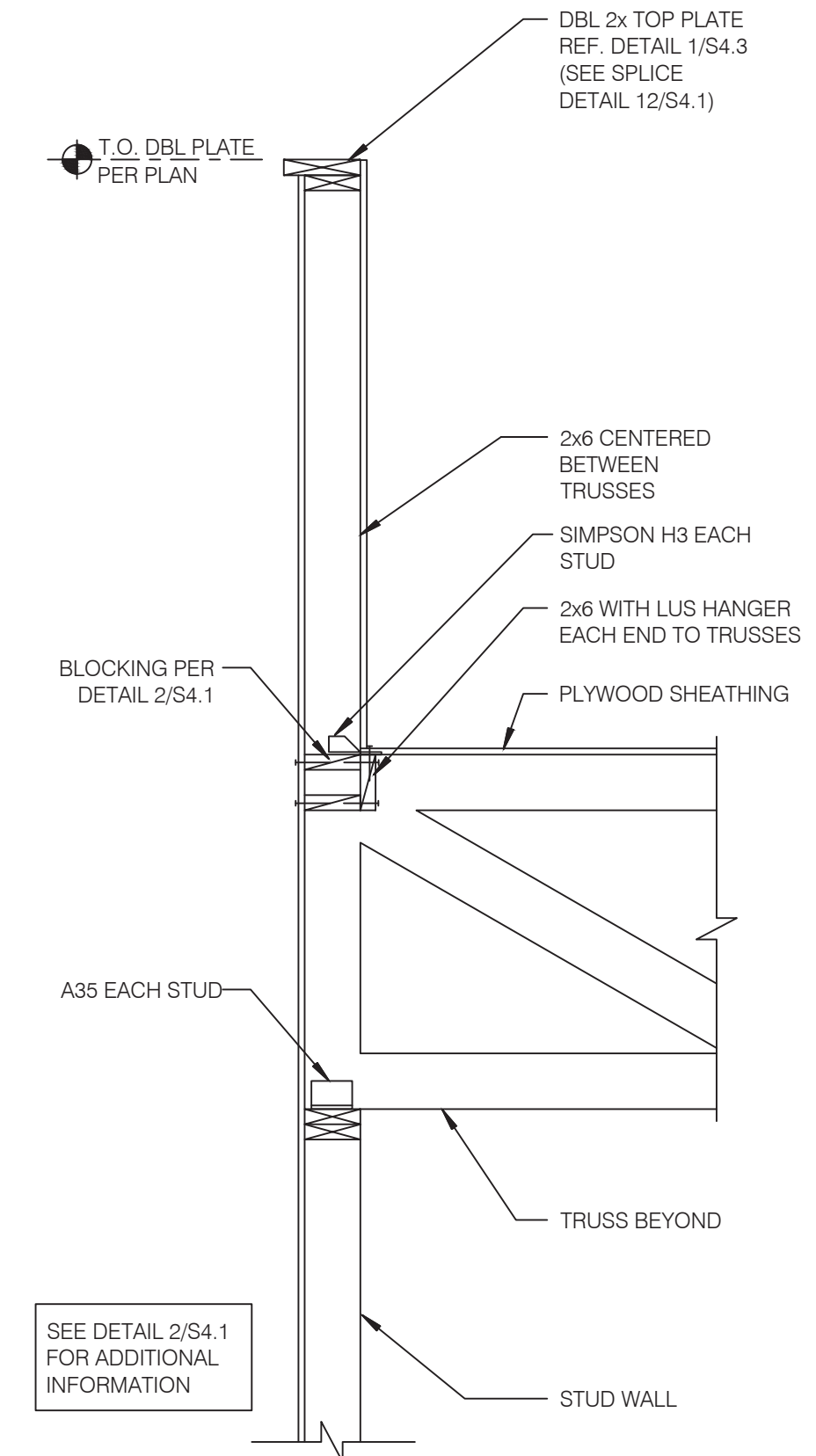
**BRIDGING LAP DTL AT OPEN CLG.** NO SCALE **9**



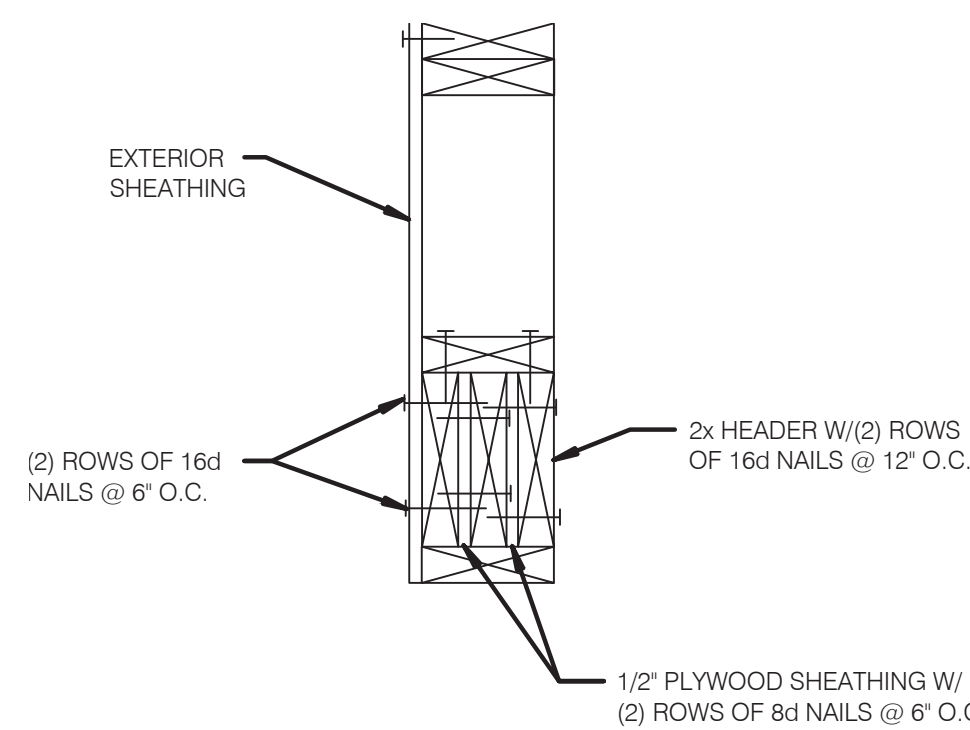
**HANGING BULKHEAD OR HOOD DETAIL** NO SCALE **6**



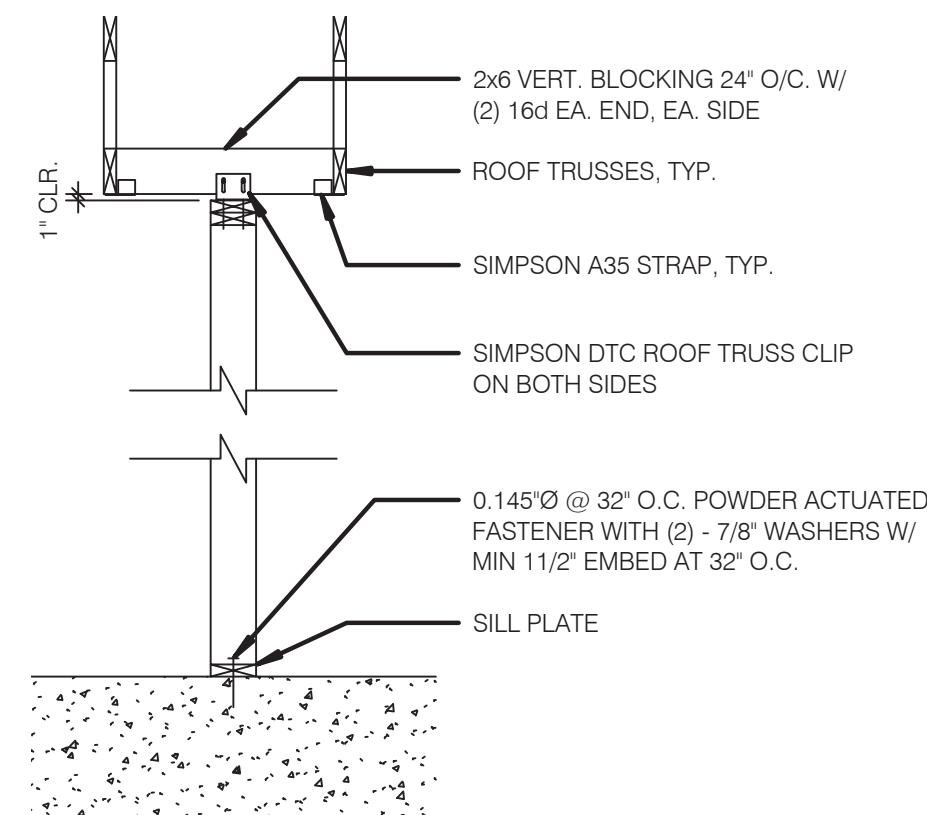
**LEDGER DETAIL** NO SCALE **3**



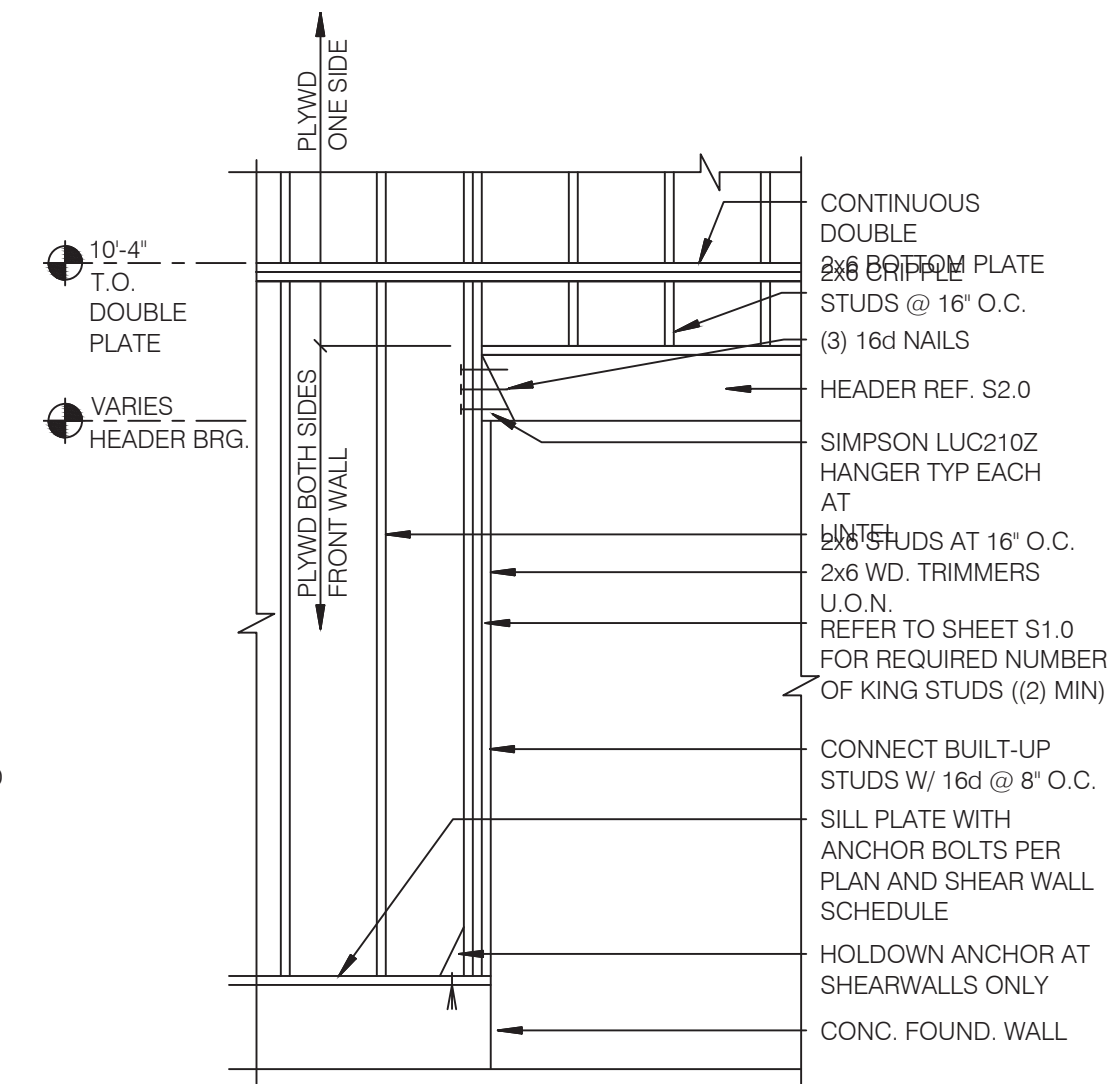
**SIDE WALL STUDS** NO SCALE **1**



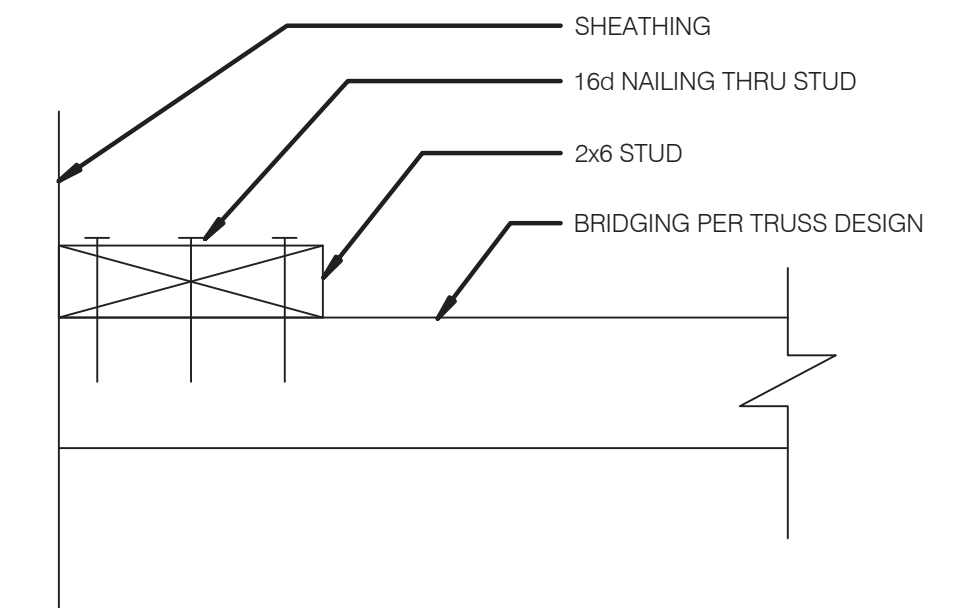
**TYPICAL MULTIPLE HEADER** NO SCALE **14**



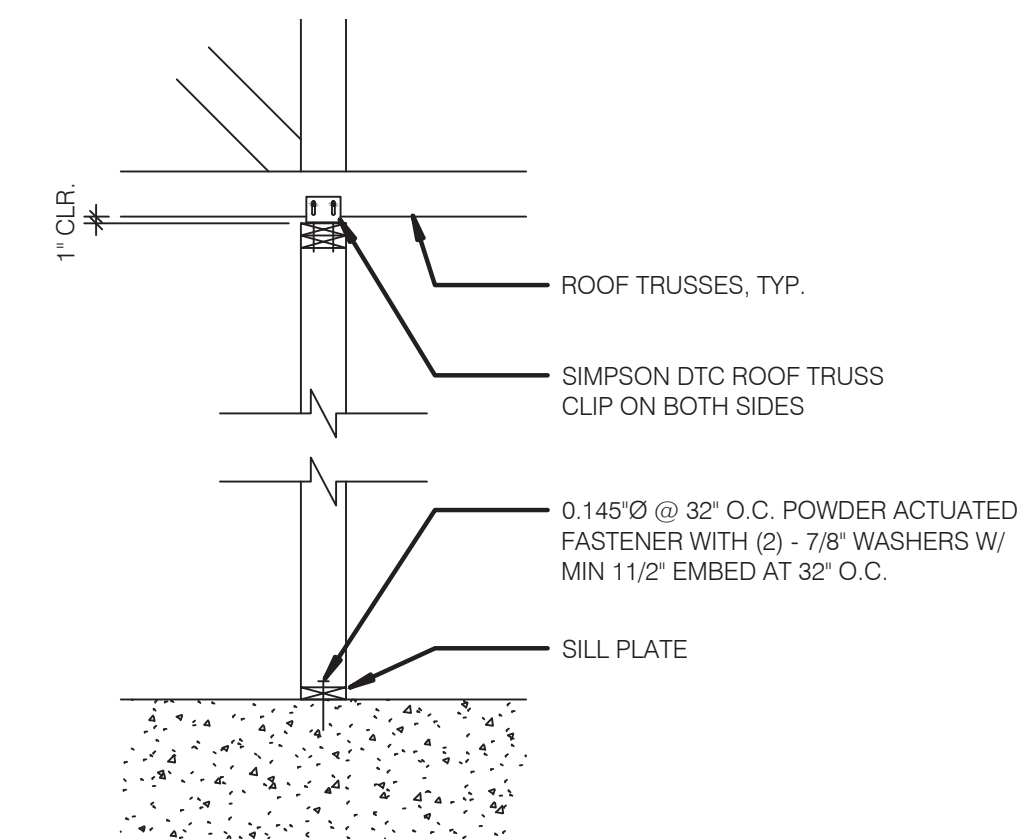
**SUPPORT - PARALLEL TO TRUSS** NO SCALE **10**



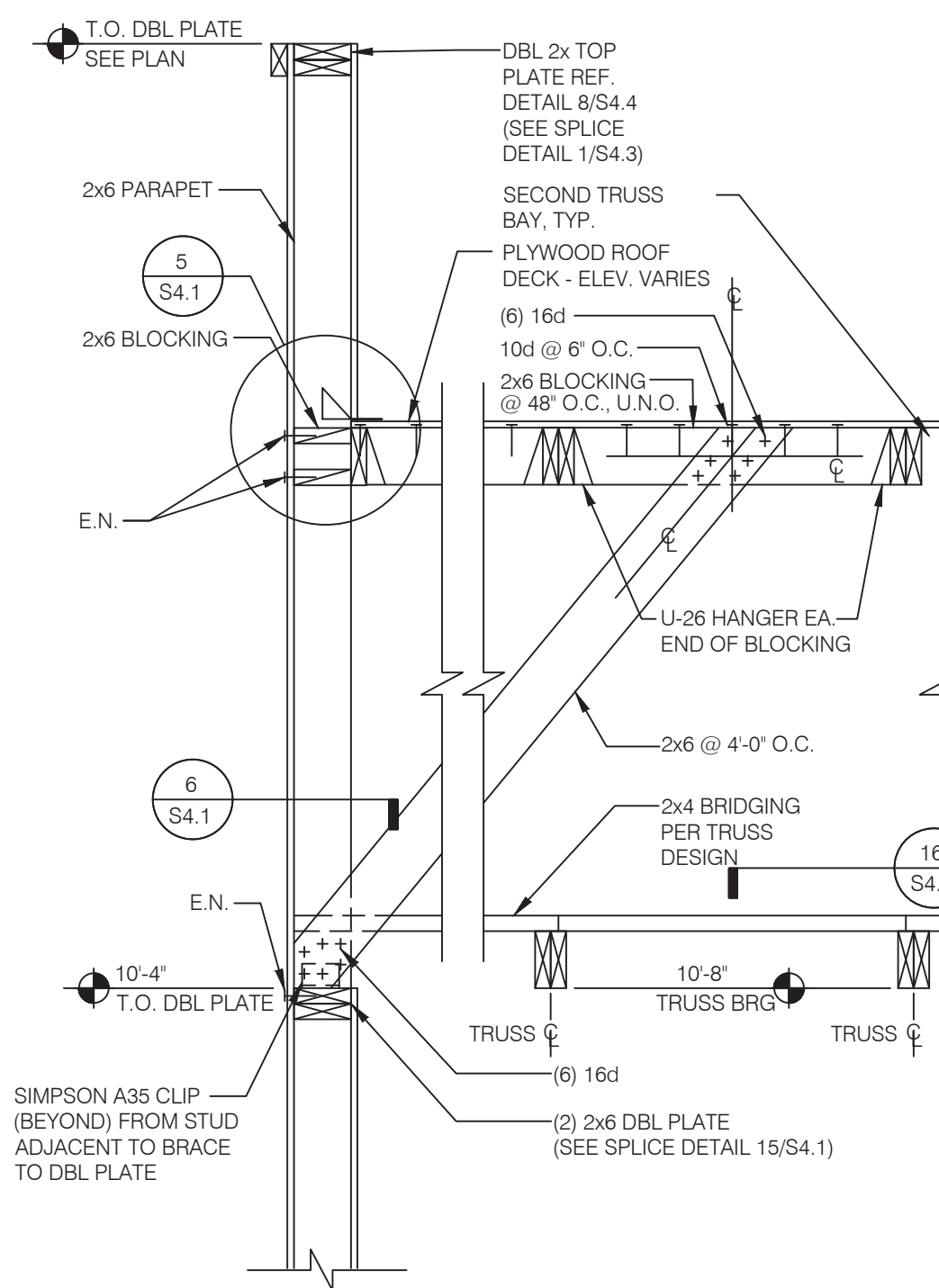
**FRAMING ELEVATION AT OPENING** NO SCALE **7**



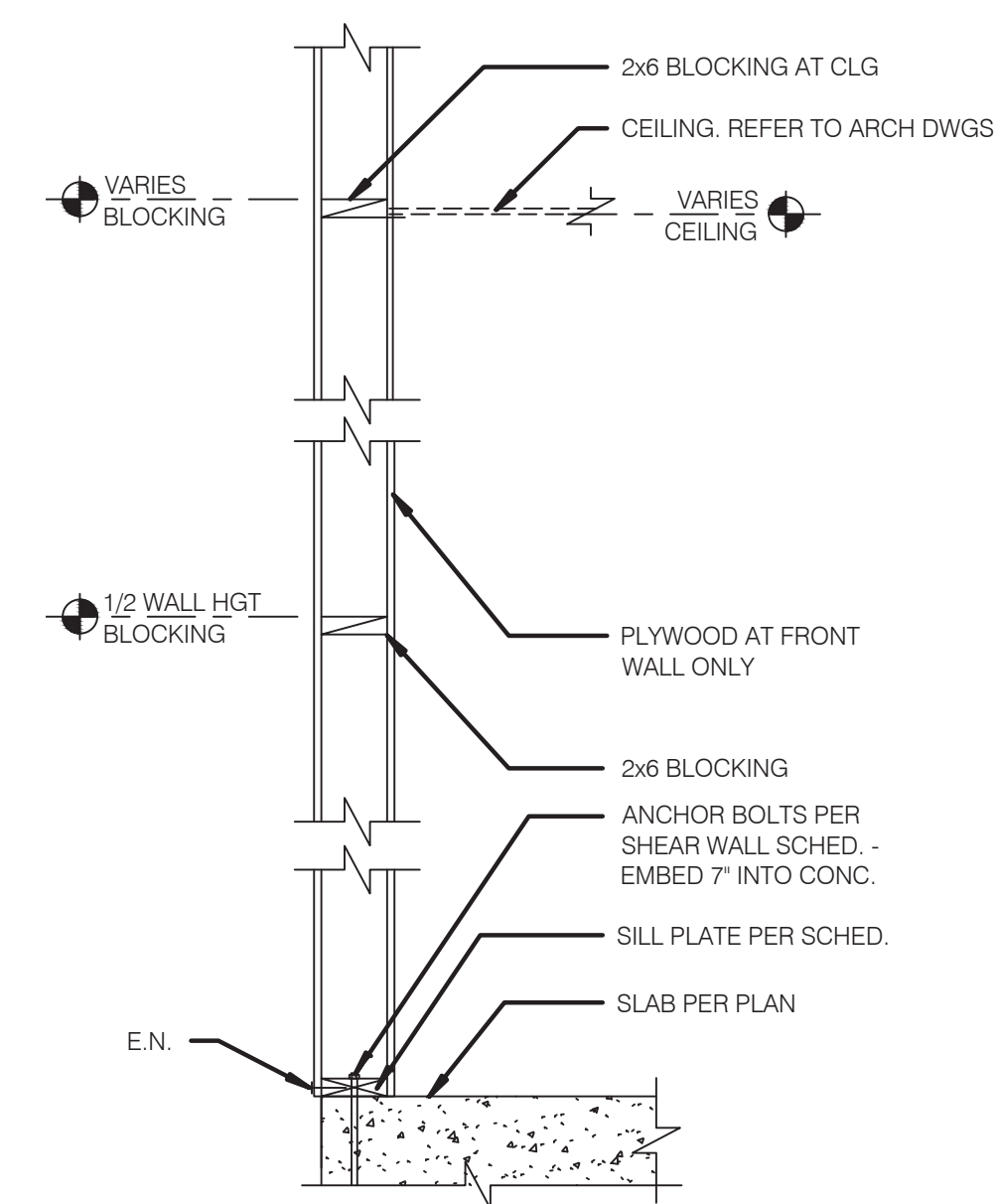
**BRIDGING DETAIL** NO SCALE **4**



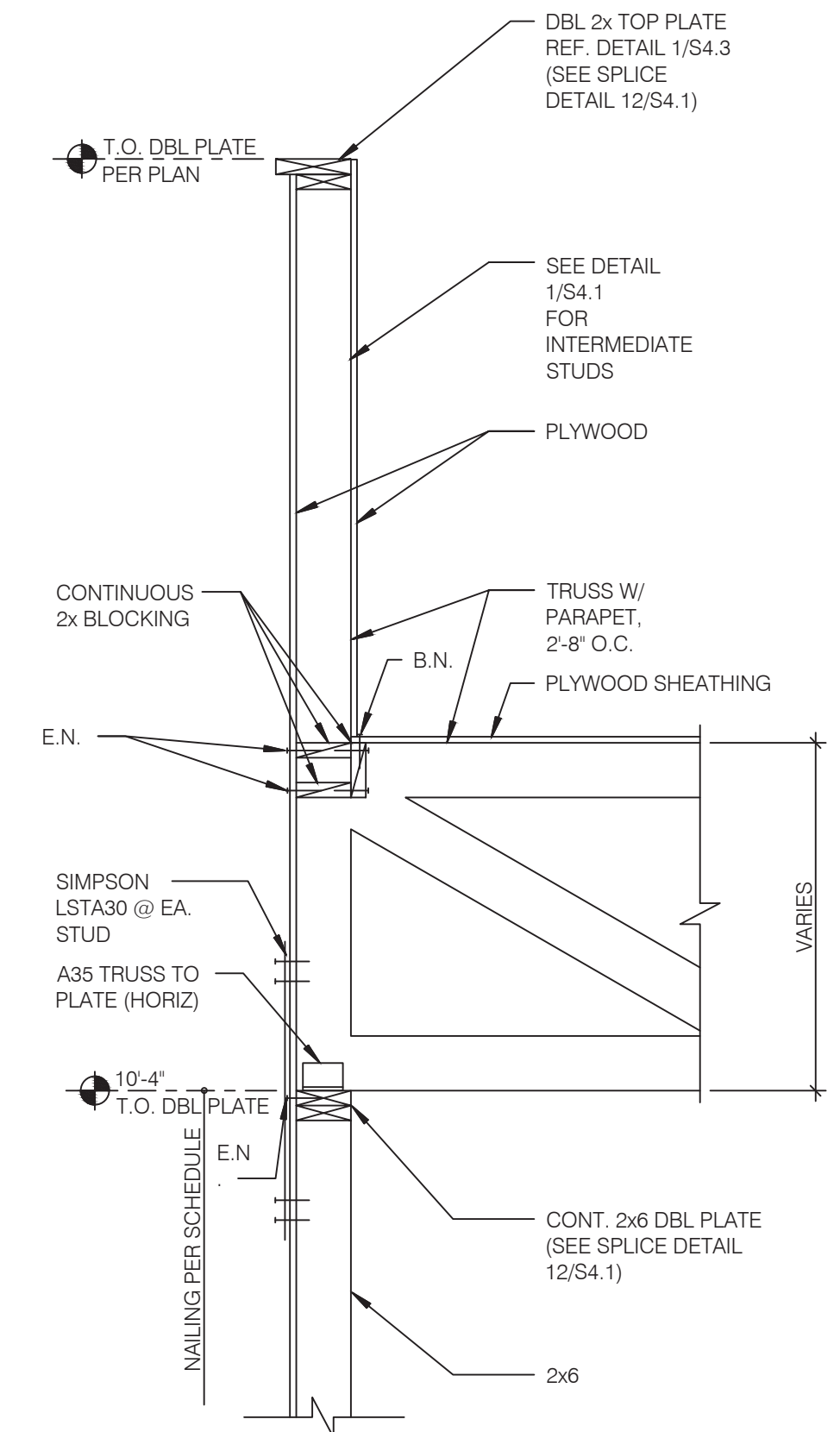
**SUPPORT - PERP. TO TRUSS** NO SCALE **11**



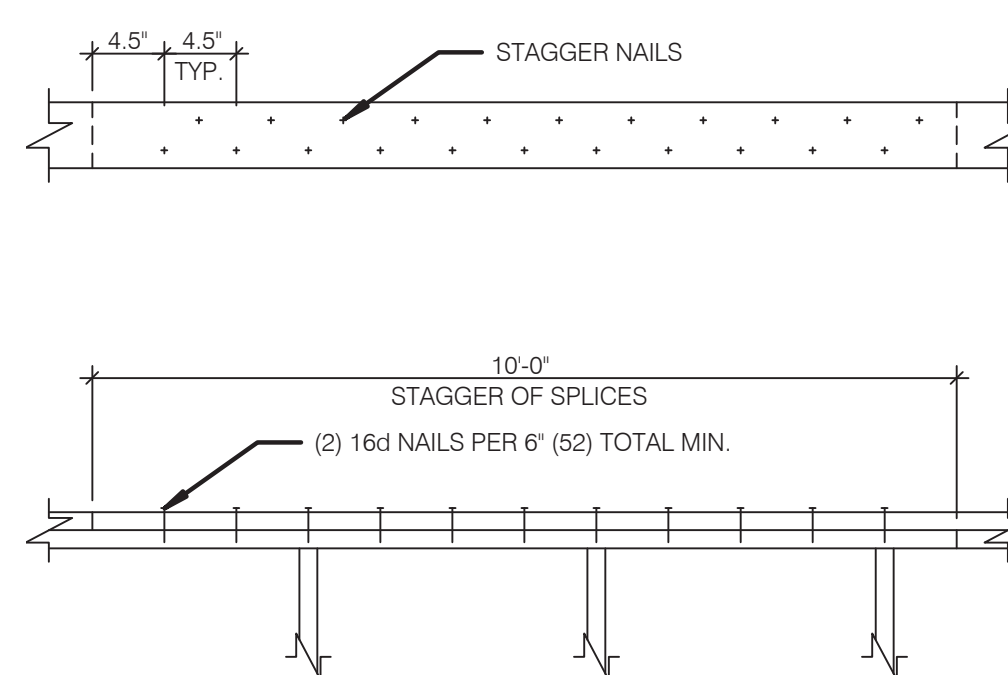
**REAR WALL** NO SCALE **8**



**5/S41** NO SCALE **5**



**SIDE WALL AT TRUSS** NO SCALE **2**



**PLATE LAP DETAIL** NO SCALE **12**



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PROJECT # 22002

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JOB NO.:

**GREAT LAKES TACO, LLC**  
2727 Main Street (M-53)  
Marlette, Michigan 48453



**ENDEAVOR 2.0 FRAMING DETAILS**

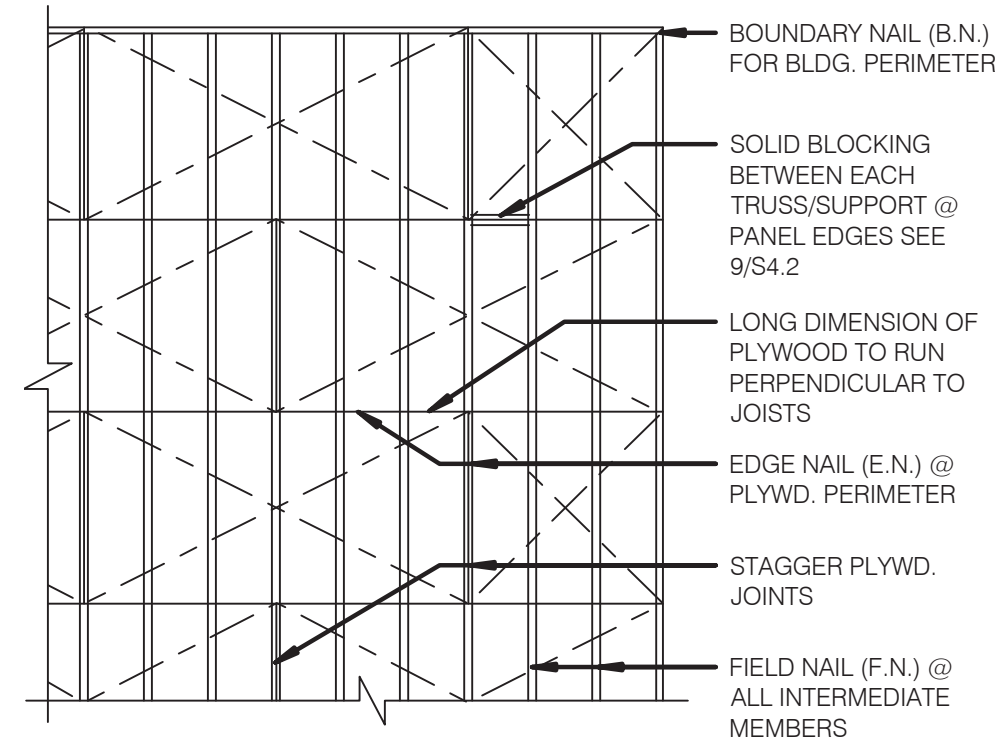
**S4.1**

PLOT DATE: 6/23/2022

**CONNECTION TYPE:**

1. JOIST TO SILL OR GIRDER, TOENAIL (3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END (2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL (2-8d)
4. WIDER THAN 1" X 6" (25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL (3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL (2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL (16d @ 16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS (3-16d PER 16")
8. TOP PLATE TO STUD, END NAIL (2-16d)
9. STUD TO SOLE PLATE (2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL (16d @ 24", O.C.)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL (16d @ 16" O.C.)
12. DOUBLE TOP PLATES, LAP SPLICE (8-16d)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL (3-8d)
14. RIM JOIST TO TOP PLATE, TOENAIL (8d @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL (2-16d)
16. CONTINUOUS HEADER, TWO PIECES (16d @ 16" O.C. ALONG EDGE)
17. CEILING JOISTS TO PLATE, TOENAIL (3-8d)
18. CONTINUOUS HEADER TO STUD, TOENAIL (4-8d)
19. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL (3-16d)
20. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL (3-16d)
21. RAFTER TO PLATE, TOENAIL (3-8d)
22. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL (2-8d)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL (2-8d)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL (3-8d)
25. BUILT-UP CORNER STUDS (16d @ 24" O.C.)
26. 2" PLANKS (2-16d AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER (12d @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS (20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)

**NAILING:**

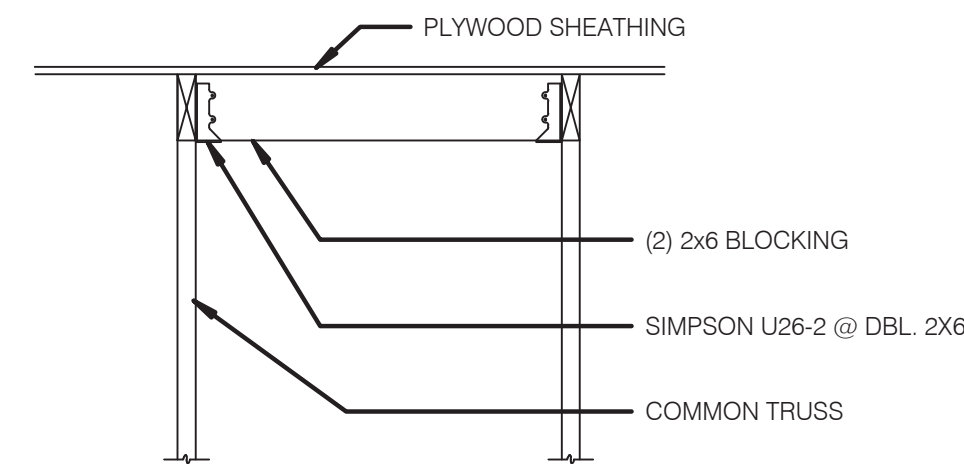
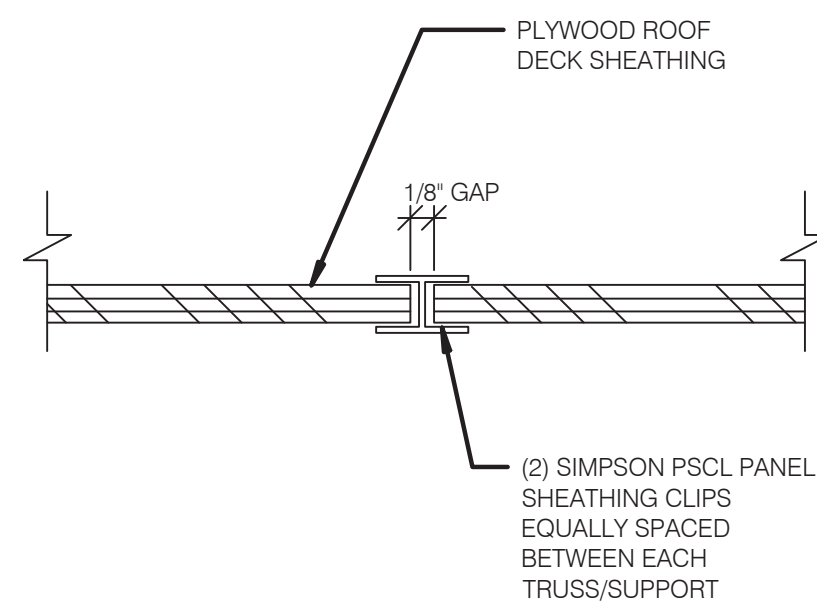


- NOTES:  
 1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".  
 2. MIN. 3/8" NAILING EDGE DISTANCE.  
 3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

**ROOF NAILING PLAN NO SCALE 8 ROOF TOP EQUIPMENT WEIGHTS NO SCALE 5**

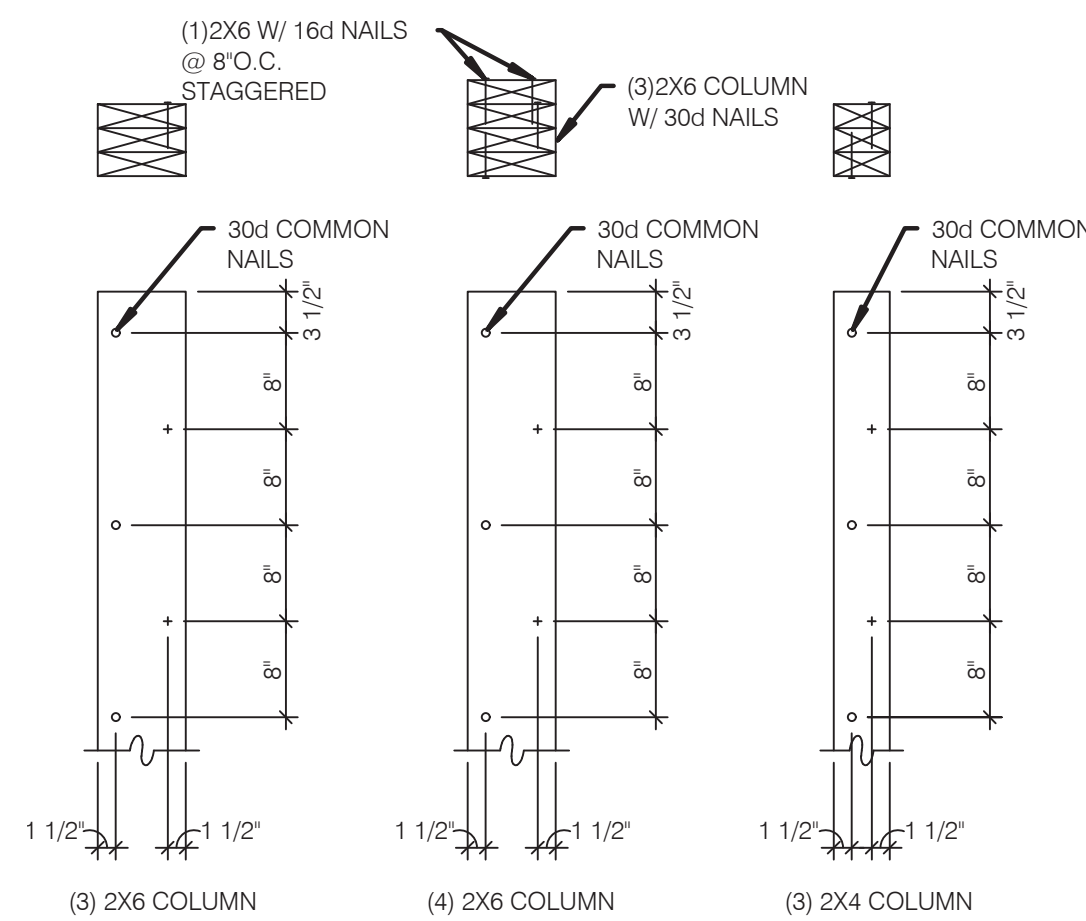
EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	1336 lbs.
HVAC UNIT - RTU-2	2560 lbs.
EXHAUST FAN - EF-1	122 lbs.
EXHAUST FAN - EF-2	78 lbs.
HOOD # 1 - TACO BELL	300 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.

A. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M.1.0.



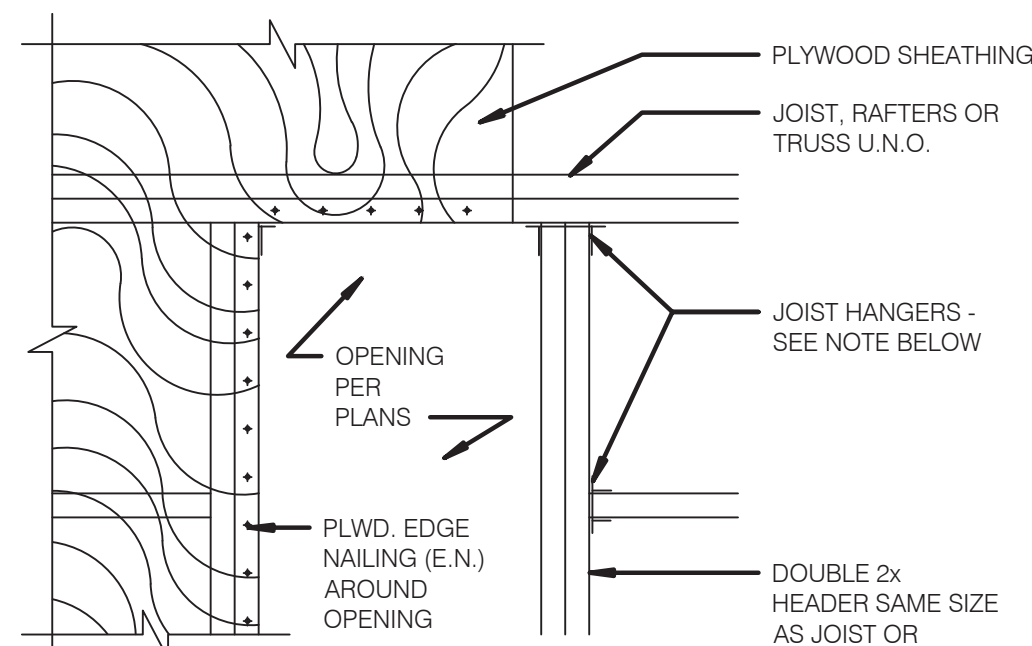
**ROOF OPENING DETAIL NO SCALE 6**

**NAILING SCHEDULE NO SCALE 11**



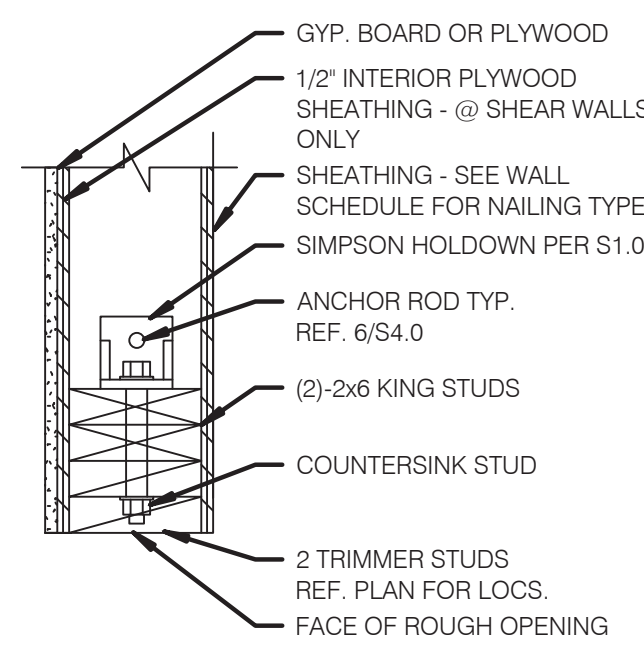
**BUILT-UP 2X COLUMNS NO SCALE 12**

**PLYWOOD EDGE BLOCKING NO SCALE 9**



- NOTE:  
 HANGERS SHALL BE 'SIMPSON' STANDARD 'U' @ ROOF. DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS FOLLOWS:  
 1. 10" OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED  
 2. MORE THAN 10" - (2)16d @ 12" O.C.

**TYPICAL ROOF OPENING NO SCALE 10**

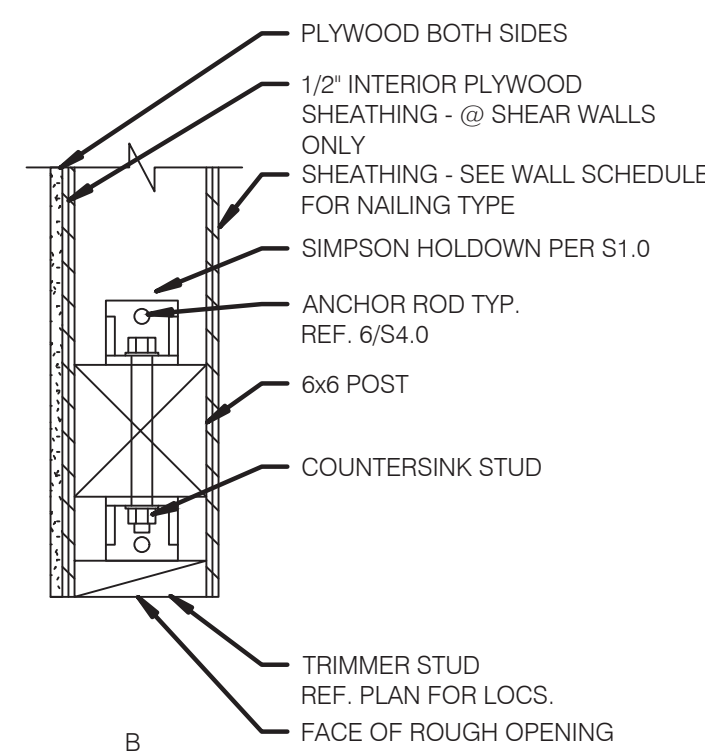


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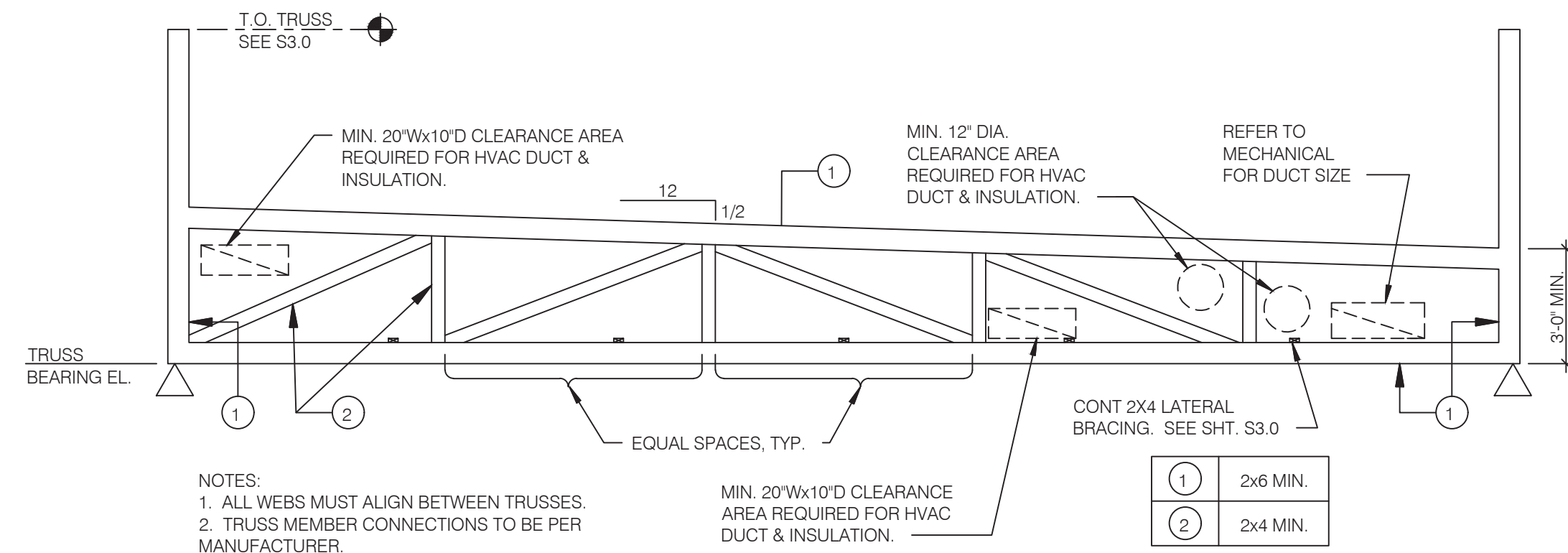
**TRUSS SCHEDULE NO SCALE 7**

TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T28	X	XX		SEE NOTE 1.

- NOTES:  
 1. HOLDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.  
 2. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.  
 3. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.

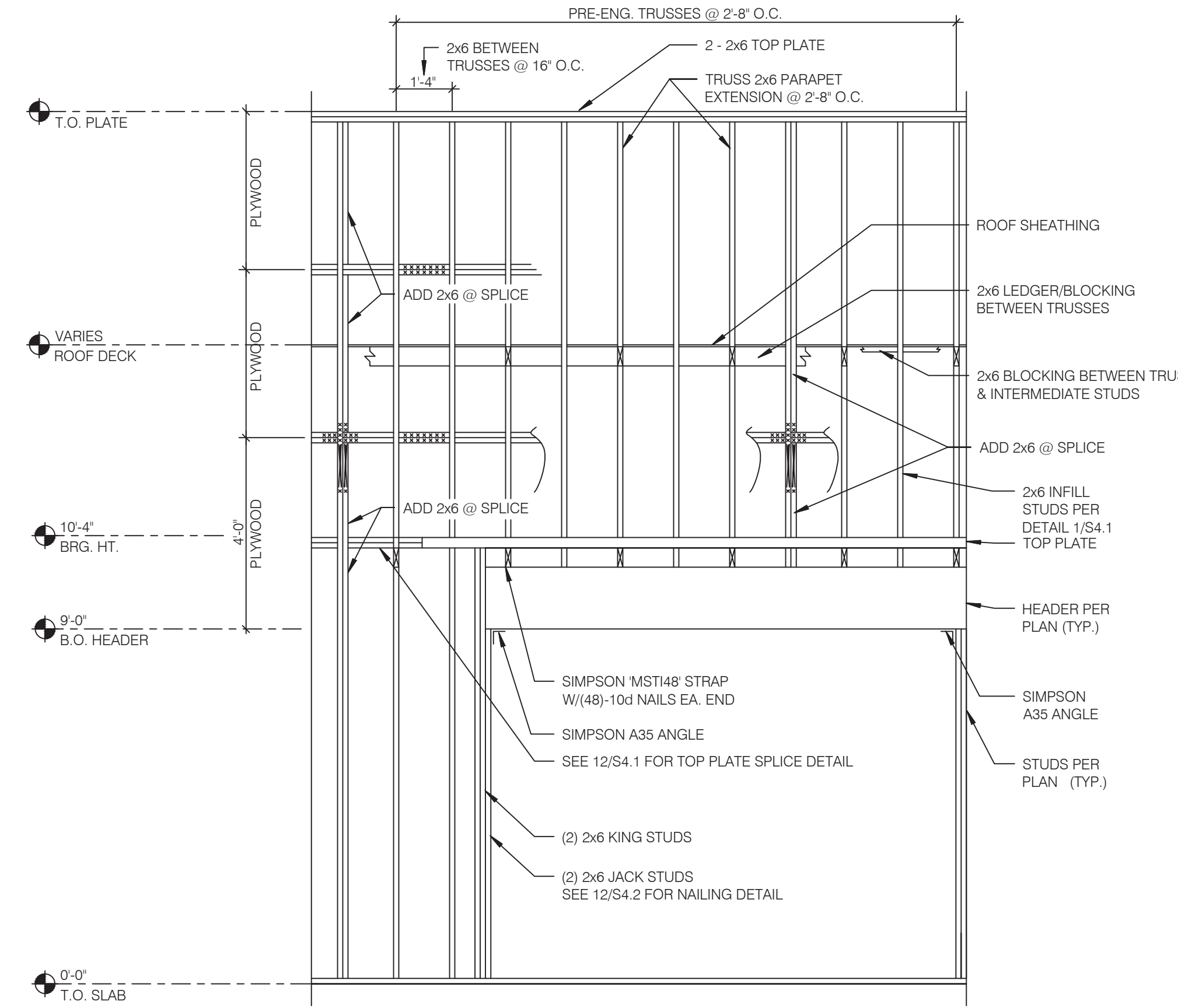


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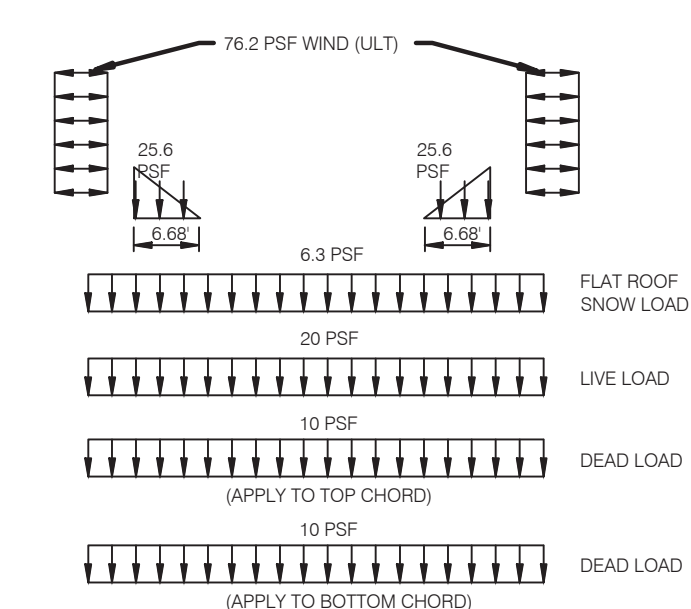
- NOTES:  
 1. ALL WEBS MUST ALIGN BETWEEN TRUSSES.  
 2. TRUSS MEMBER CONNECTIONS TO BE PER MANUFACTURER.

**TRUSS ELEVATION NO SCALE 2**



**WALL FRAMING DETAIL NO SCALE 1**

**4/S42 NO SCALE 4 TRUSS LOAD DIAGRAMS NO SCALE 3**



NOTE:  
 ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.



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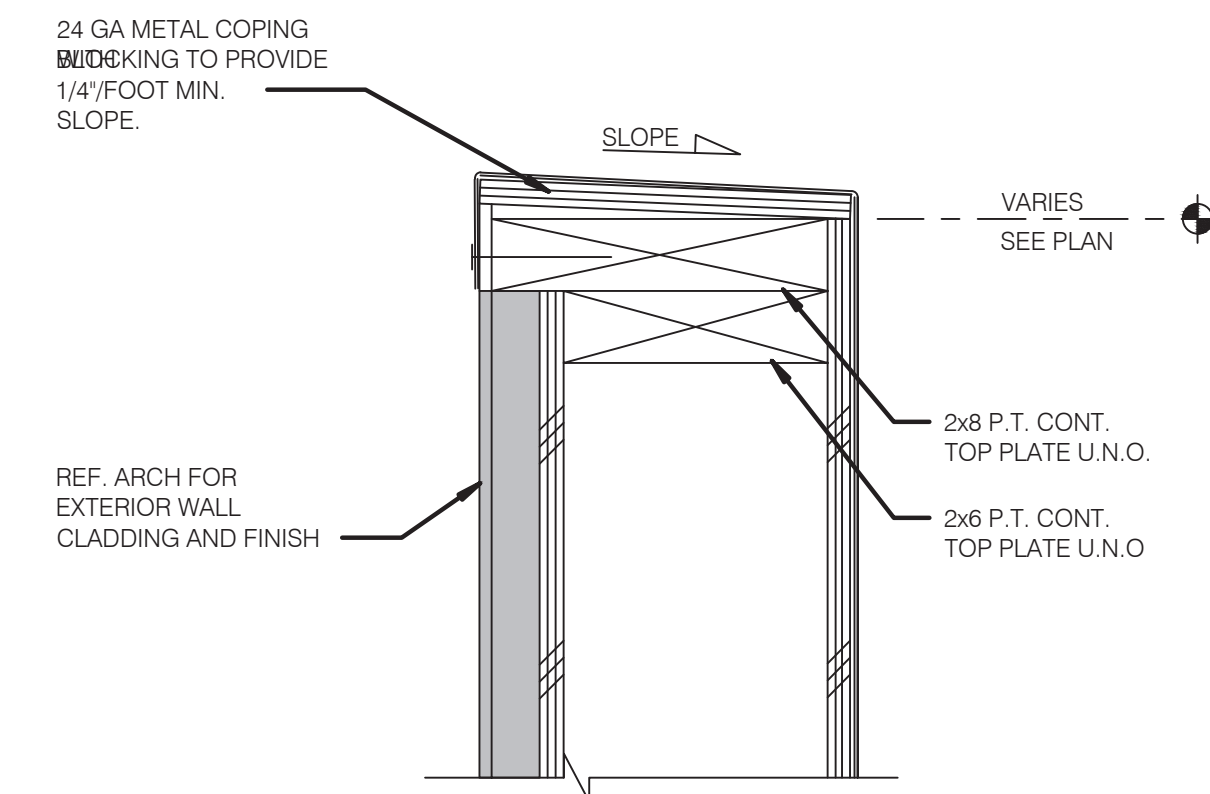
**GREAT LAKES TACO, LLC**  
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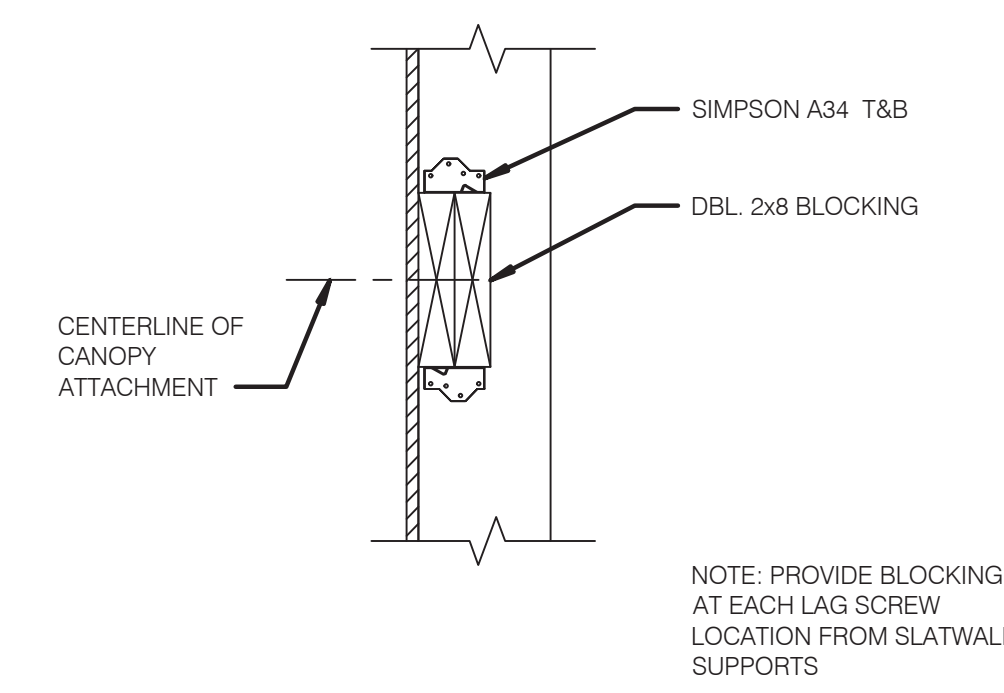
**ENDEAVOR 2.0 FRAMING DETAILS**

**S4.2**

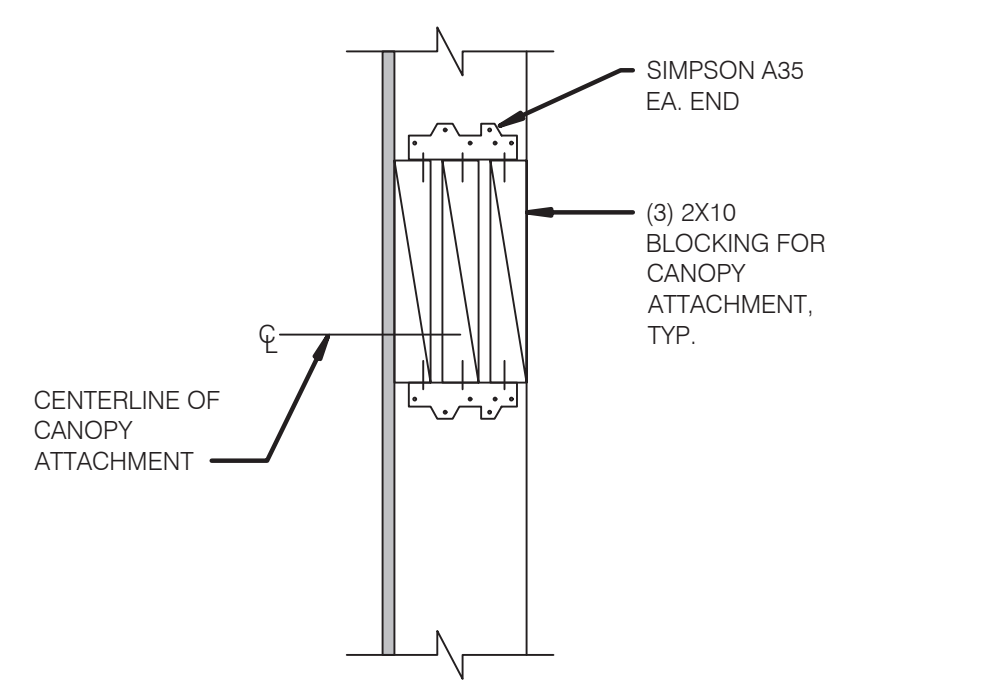
PLOT DATE: 6/23/2022



**TYPICAL PARAPET CAP** NO SCALE **1**



**SIGNAGE ATTACHMENT BLOCKING DETAIL** NO SCALE **2**



**CANOPY TIE BACK BLOCKING DETAIL** NO SCALE **3**



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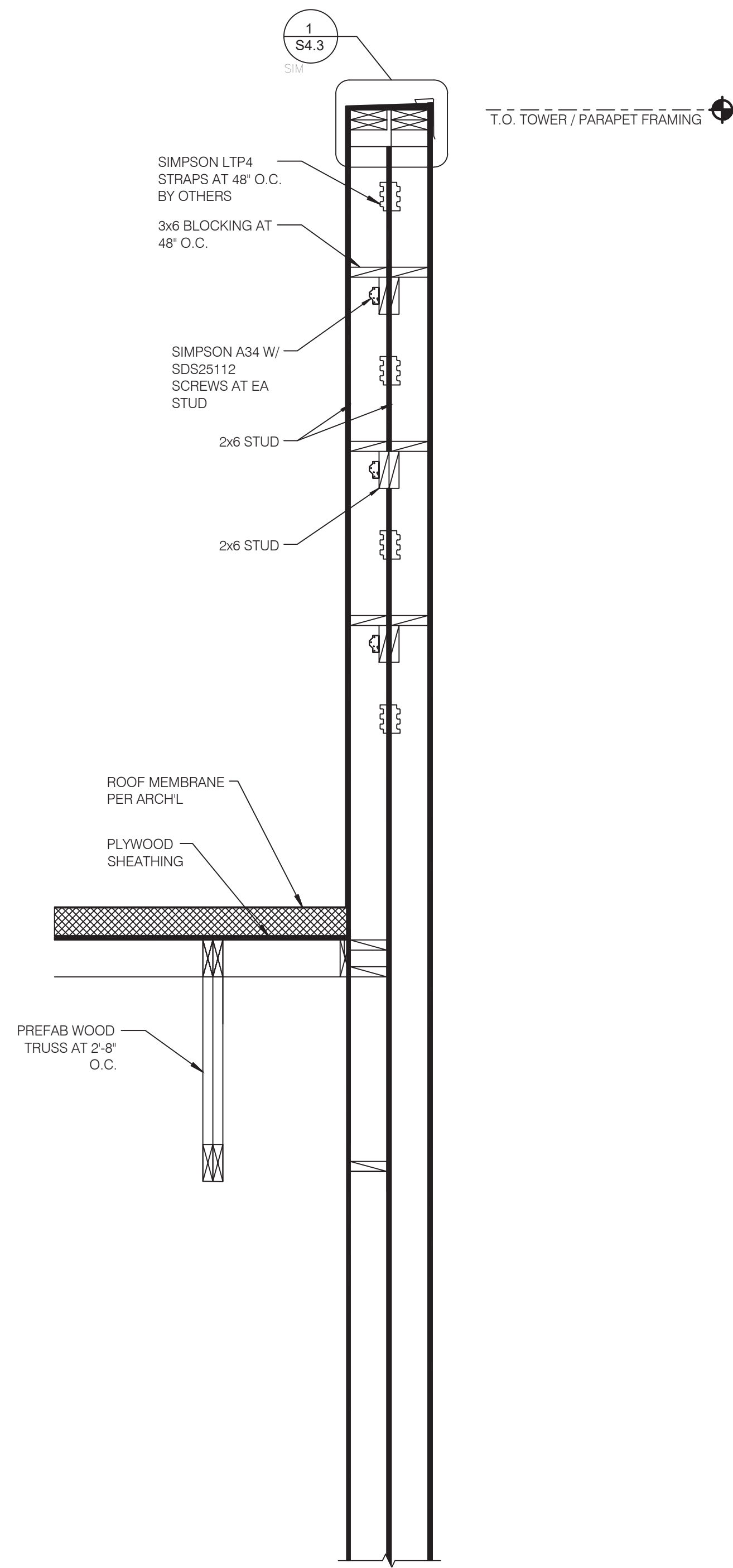
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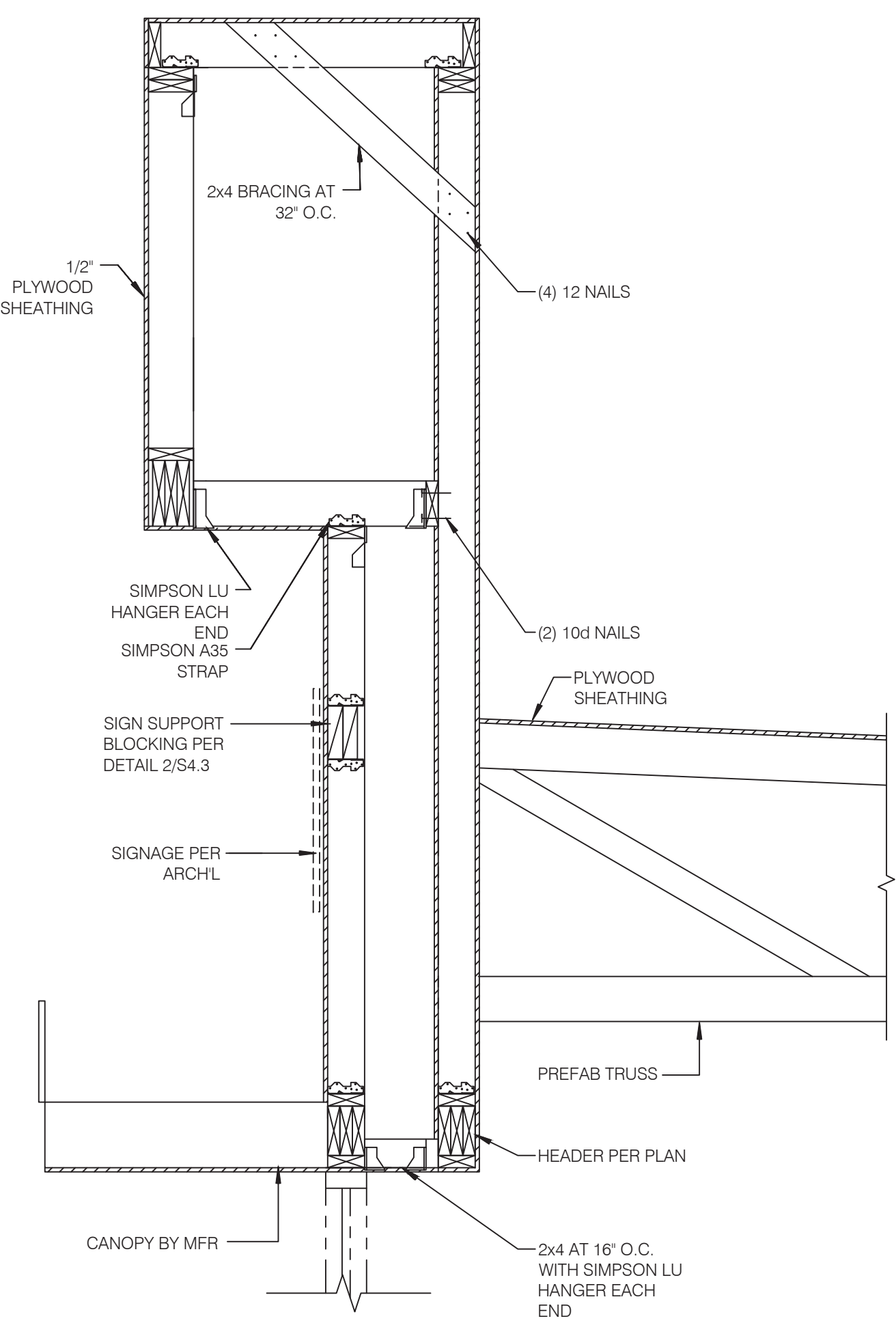
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**FRAMING**  
**DETAILS**

**S4.3**

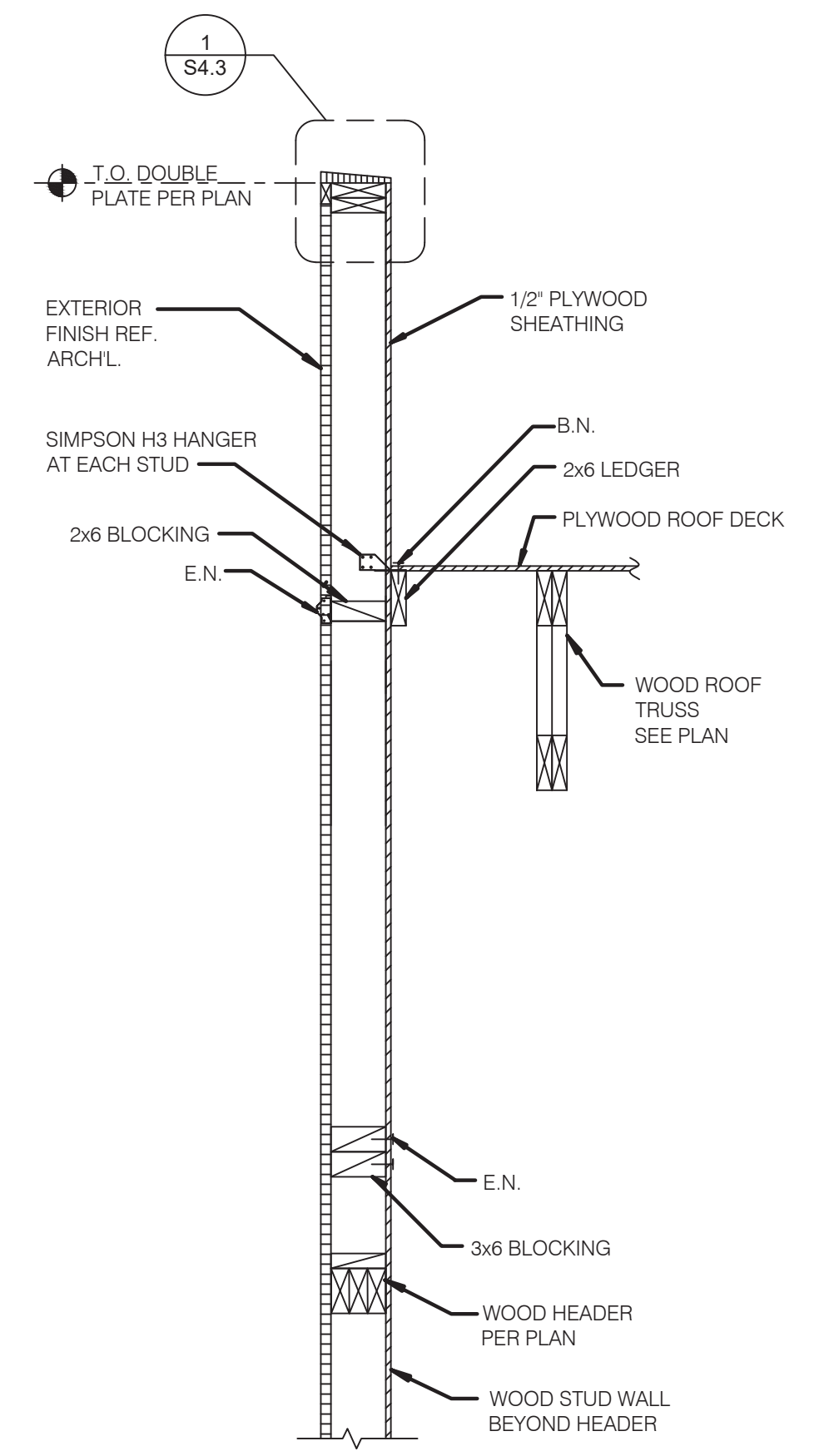
PLOT DATE: 6/23/2022



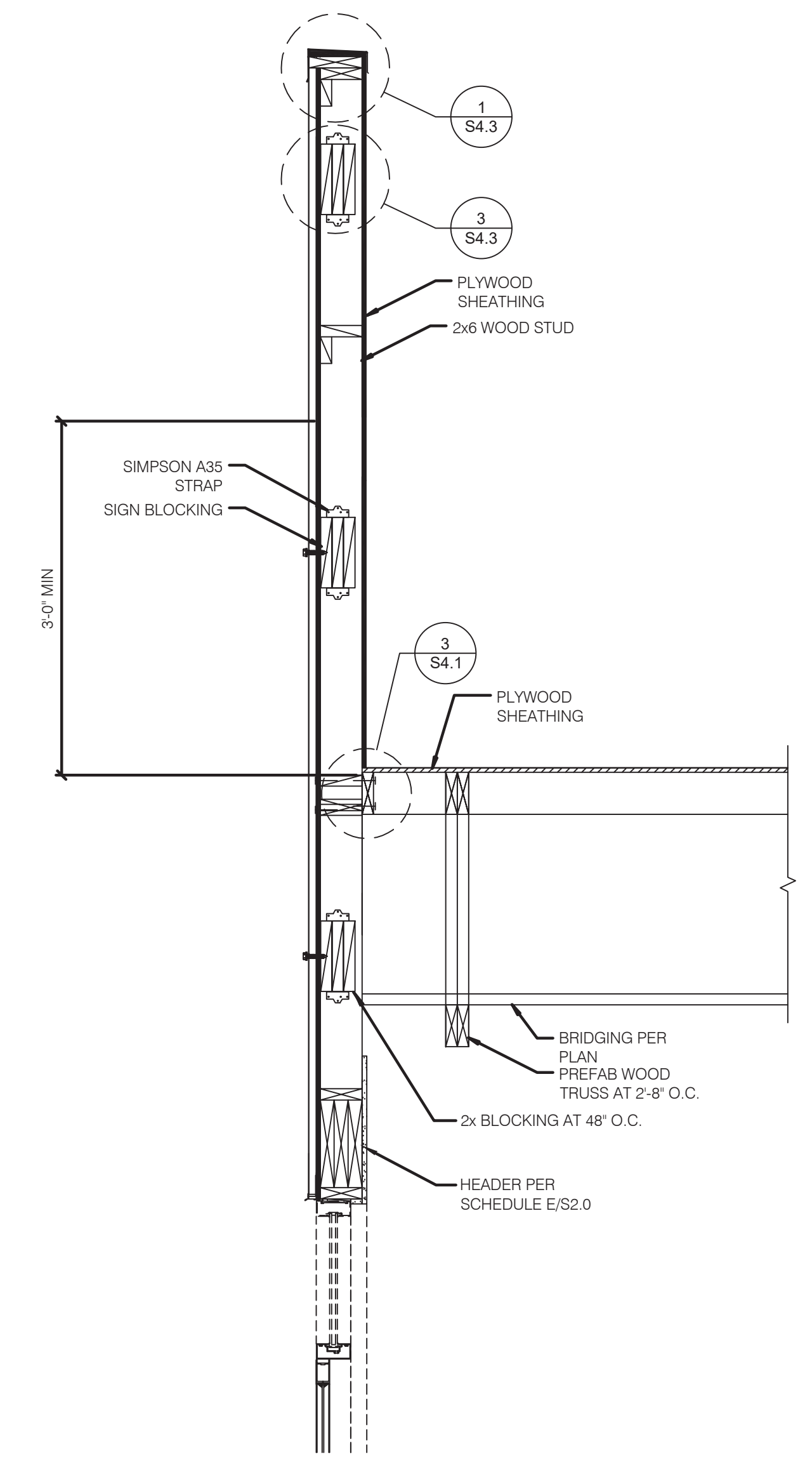
SECTION AT TOWER NO SCALE 4



SECTION AT STOREFRONT NO SCALE 3



SECTION AT REAR WALL NO SCALE 2



SECTION AT FRONT WALL NO SCALE 1



**L+A**  
ARCHITECTS  
INC. A.I.A.  
441 S. LIVERNOIS ROAD  
SUITE 265  
ROCHESTER HILLS, MI 48307  
PHONE (248) 524-4700 FAX (248) 524-9746  
PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:  
BUILDING TYPE: END. MED 40  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 315876  
STORE NUMBER: 458993  
PA/PM:  
DRAWN BY.:  
JOB NO.:

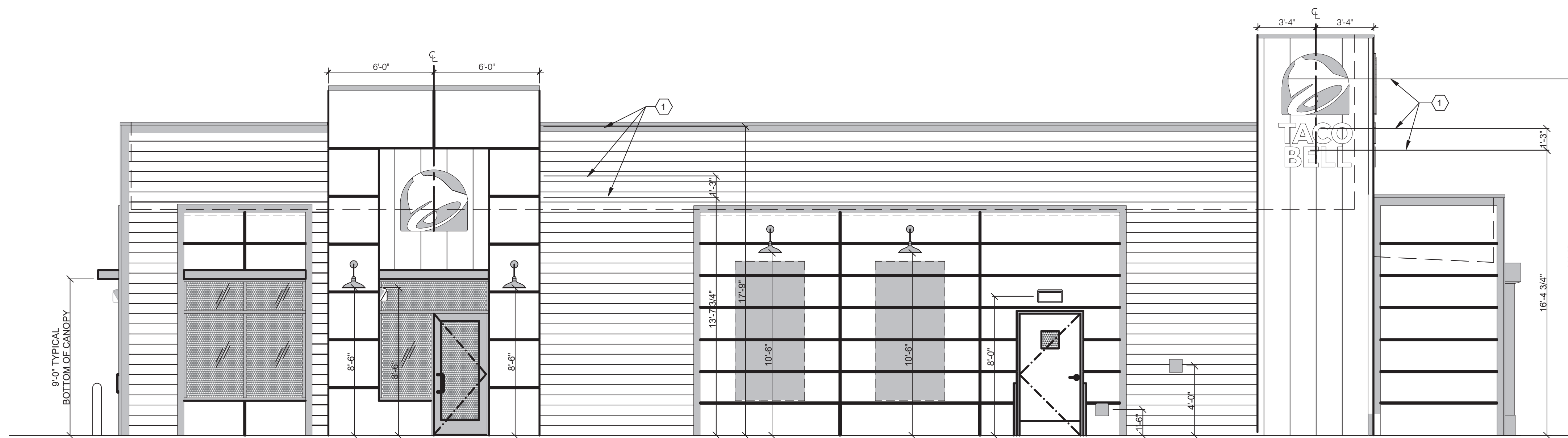
**GREAT LAKES**  
**TACO, LLC**  
2727 Main Street (M-53)  
Marlette, Michigan 48453



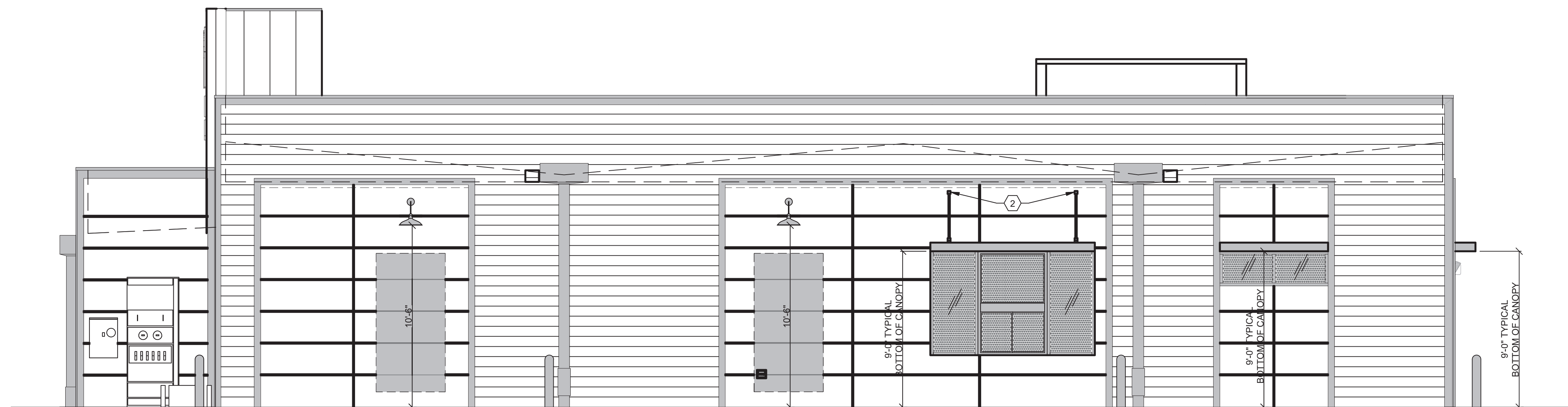
**ENDEAVOR 2.0**  
**FRAMING**  
**DETAILS**

**S4.4**

PLOT DATE: 6/23/2022



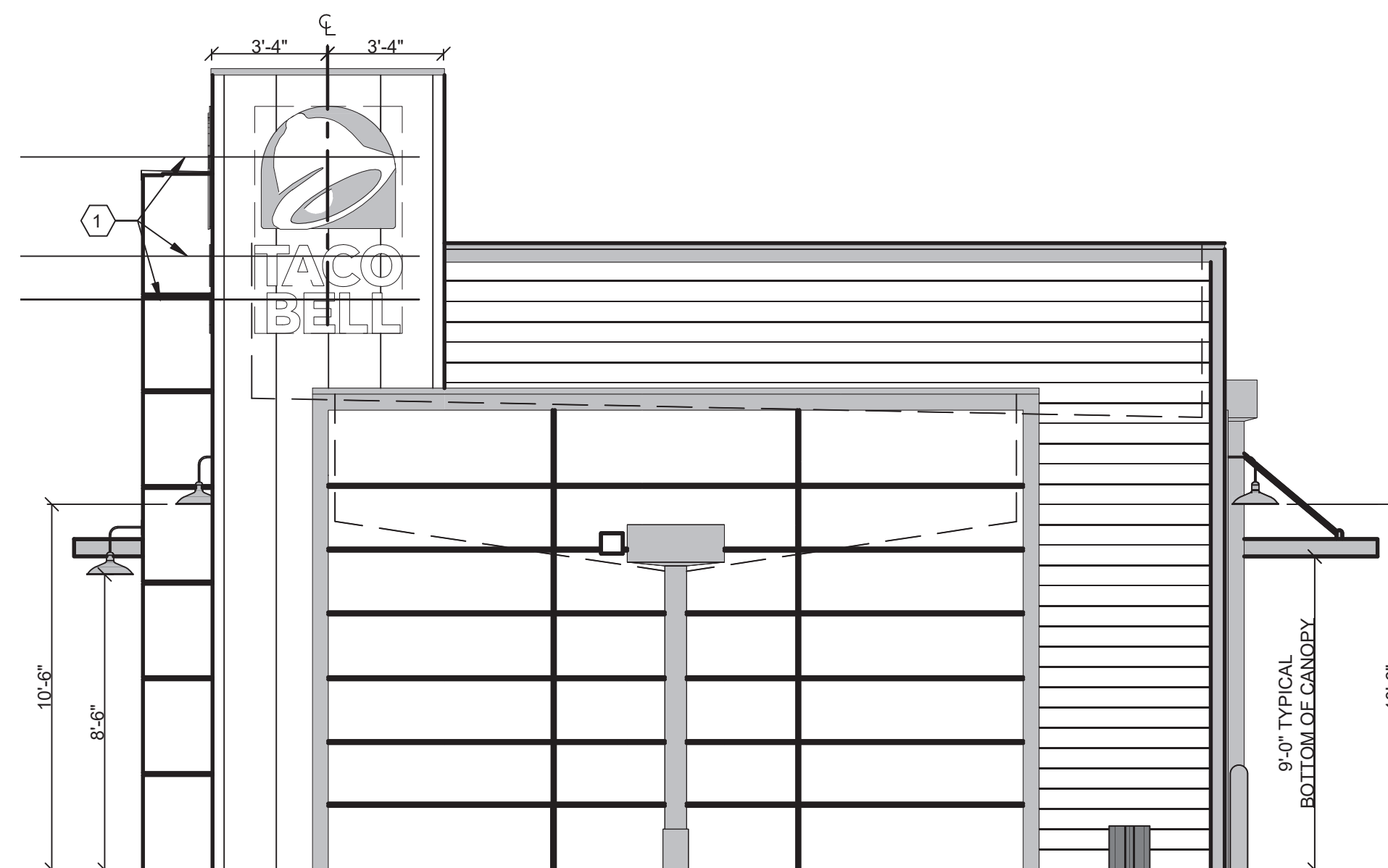
**RIGHT SIDE ELEVATION** 1/4" = 1'-0" **A**



**LEFT SIDE ELEVATION** 1/4" = 1'-0" **B**



**FRONT ELEVATION** 1/4" = 1'-0" **F**



**REAR ELEVATION** 1/4" = 1'-0" **E**

- 01 SOLID BLOCKING FOR FASTENERS AS REQUIRED FOR SIGN MOUNTING.
- 02 PROVIDE BLOCKING FOR CANOPY. SEE DETAIL 13/54.3.

**KEYNOTES**

- 1. EXTEND BLOCKING AS REQUIRED TO FIT BETWEEN STUDS.
- 2. ELEVATION AT BOTTOM OF CANOPIES SHALL BE 9'-0" A.F.F. (U.N.O.).
- 3. COORDINATE SIGNAGE ELEMENTS AND BLOCKING REQUIREMENTS WITH SIGNAGE VENDOR. SEE SCOPE OF WORK.
- 4. THIS SHEET IS TO INDICATE BLOCKING REQUIREMENTS FOR AWNING AND CANOPIES. ADDITIONAL BLOCKING IS REQUIRED FOR OTHER ITEMS AS SHOWN ON OTHER DRAWINGS.
- 5. FOR CUPOLA ATTACHMENTS, SEE SHEET S3.0.

**GENERAL NOTES**



**L + A**  
**ARCHITECTS**  
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 DRAWN BY.:  
 JOB NO.:

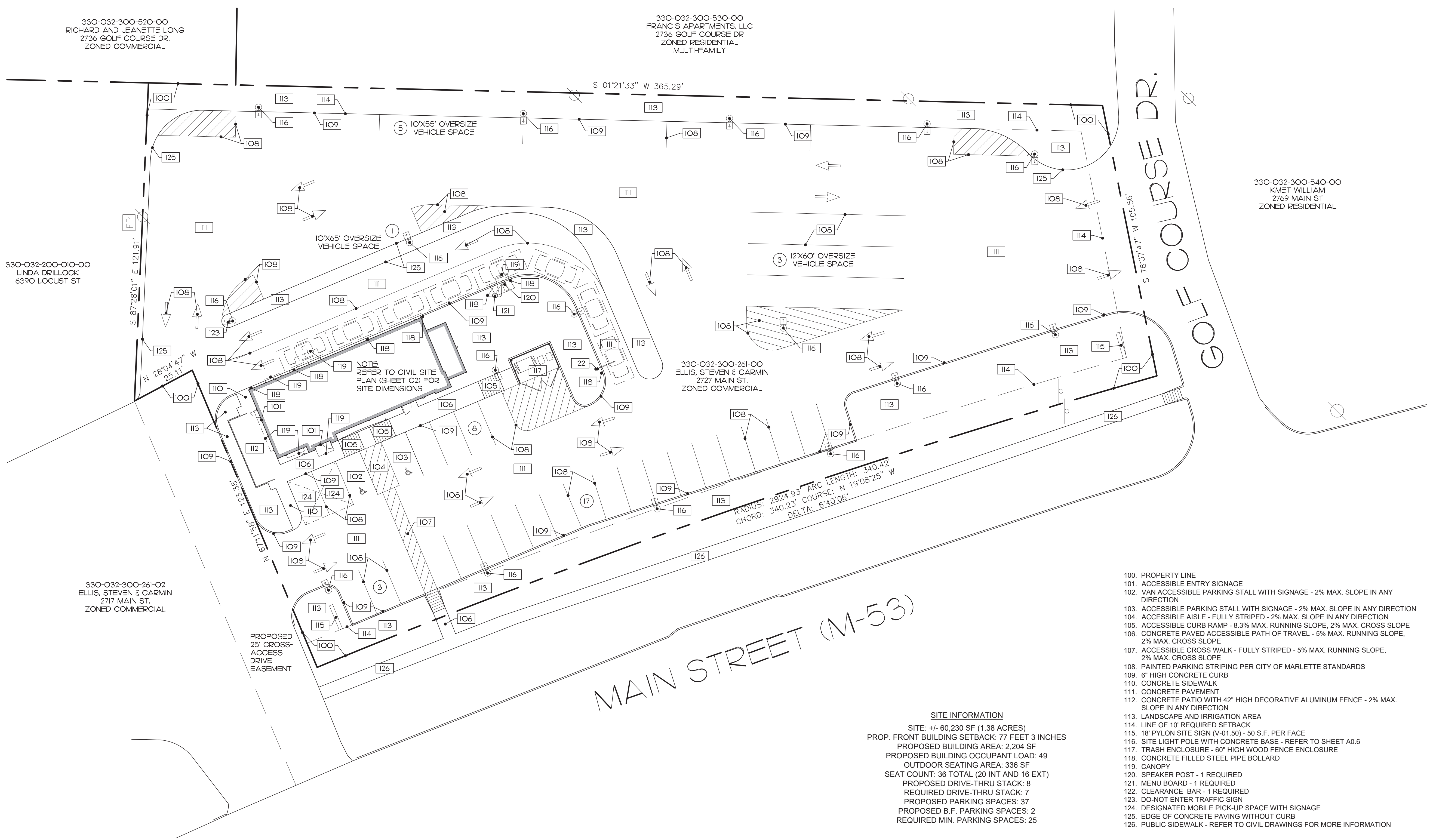
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0**  
**CANOPY/AWNING**  
**BLOCKING**  
**ELEVATIONS**

**S5.0**

PLOT DATE: 6/23/2022



330-032-300-520-00  
 RICHARD AND JEANNETTE LONG  
 2736 GOLF COURSE DR.  
 ZONED COMMERCIAL

330-032-300-530-00  
 FRANCIS APARTMENTS, LLC  
 2736 GOLF COURSE DR  
 ZONED RESIDENTIAL  
 MULTI-FAMILY

330-032-200-010-00  
 LINDA DRILLOCK  
 6390 LOCUST ST

330-032-300-540-00  
 KMET WILLIAM  
 2769 MAIN ST  
 ZONED RESIDENTIAL

330-032-300-261-00  
 ELLIS, STEVEN & CARMIN  
 2727 MAIN ST.  
 ZONED COMMERCIAL

330-032-300-261-02  
 ELLIS, STEVEN & CARMIN  
 2717 MAIN ST.  
 ZONED COMMERCIAL

PROPOSED  
 25' CROSS-  
 ACCESS  
 DRIVE  
 EASEMENT

MAIN STREET (M-53)

- 100. PROPERTY LINE
- 101. ACCESSIBLE ENTRY SIGNAGE
- 102. VAN ACCESSIBLE PARKING STALL WITH SIGNAGE - 2% MAX. SLOPE IN ANY DIRECTION
- 103. ACCESSIBLE PARKING STALL WITH SIGNAGE - 2% MAX. SLOPE IN ANY DIRECTION
- 104. ACCESSIBLE AISLE - FULLY STRIPED - 2% MAX. SLOPE IN ANY DIRECTION
- 105. ACCESSIBLE CURB RAMP - 8.3% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 106. CONCRETE PAVED ACCESSIBLE PATH OF TRAVEL - 5% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 107. ACCESSIBLE CROSS WALK - FULLY STRIPED - 5% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 108. PAINTED PARKING STRIPING PER CITY OF MARLETTE STANDARDS
- 109. 6" HIGH CONCRETE CURB
- 110. CONCRETE SIDEWALK
- 111. CONCRETE PAVEMENT
- 112. CONCRETE PATIO WITH 42" HIGH DECORATIVE ALUMINUM FENCE - 2% MAX. SLOPE IN ANY DIRECTION
- 113. LANDSCAPE AND IRRIGATION AREA
- 114. LINE OF 10' REQUIRED SETBACK
- 115. 18" PYLON SITE SIGN (V-01.50) - 50 S.F. PER FACE
- 116. SITE LIGHT POLE WITH CONCRETE BASE - REFER TO SHEET A0.6
- 117. TRASH ENCLOSURE - 60" HIGH WOOD FENCE ENCLOSURE
- 118. CONCRETE FILLED STEEL PIPE BOLLARD
- 119. CANOPY
- 120. SPEAKER POST - 1 REQUIRED
- 121. MENU BOARD - 1 REQUIRED
- 122. CLEARANCE BAR - 1 REQUIRED
- 123. DO-NOT ENTER TRAFFIC SIGN
- 124. DESIGNATED MOBILE PICK-UP SPACE WITH SIGNAGE
- 125. EDGE OF CONCRETE PAVING WITHOUT CURB
- 126. PUBLIC SIDEWALK - REFER TO CIVIL DRAWINGS FOR MORE INFORMATION

**SITE INFORMATION**  
 SITE: +/- 60,230 SF (1.38 ACRES)  
 PROP. FRONT BUILDING SETBACK: 77 FEET 3 INCHES  
 PROPOSED BUILDING AREA: 2,204 SF  
 PROPOSED BUILDING OCCUPANT LOAD: 49  
 OUTDOOR SEATING AREA: 336 SF  
 SEAT COUNT: 36 TOTAL (20 INT AND 16 EXT)  
 PROPOSED DRIVE-THRU STACK: 8  
 REQUIRED DRIVE-THRU STACK: 7  
 PROPOSED PARKING SPACES: 37  
 PROPOSED B.F. PARKING SPACES: 2  
 REQUIRED MIN. PARKING SPACES: 25



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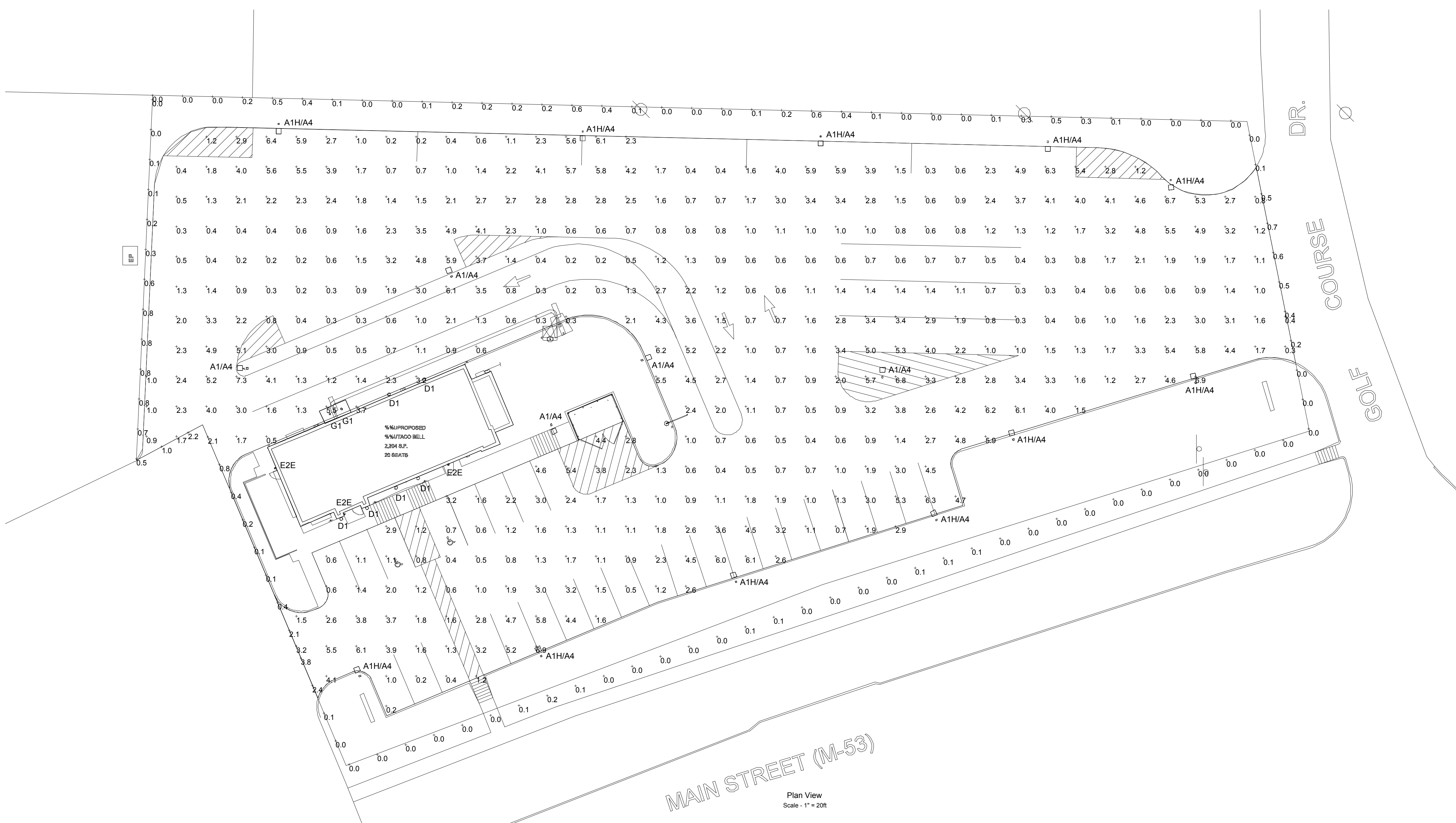
**ENDEAVOR 2.0 SITE PLAN**

**A0.5**



Note  
 1. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT FINISH GRADE TO FACE OF FIXTURE.  
 2. REFER TO LUMINAIRE LOCATIONS SCHEDULE FOR FIXTURE FACE MOUNTING HEIGHT.  
 3. SEE FIXTURE SCHEDULE FOR LIGHT LOSS FACTOR.

THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.



Plan View  
 Scale - 1" = 20ft

Luminaire Locations										
No.	Label	Location			MH	Orientation	Tilt	Aim		
		X	Y	Z				X	Y	Z
15	A1/A4	333.50	16.75	12.00	12.00	66.96	0.00	334.58	19.21	0.00
16	A1/A4	201.69	16.00	12.00	12.00	271.02	0.00	200.51	16.03	0.00
17	A1/A4	303.11	-2.84	12.00	12.00	154.89	0.00	303.61	-3.90	0.00
18	A1/A4	269.93	46.58	12.00	12.00	336.96	0.00	269.47	47.66	0.00
19	A1/A4	413.72	13.11	12.00	12.00	1.88	0.00	413.76	14.28	0.00
10	A1H/A4	313.74	95.10	12.00	12.00	180.00	0.00	313.74	93.93	0.00
11	A1H/A4	468.94	91.63	12.00	12.00	180.00	0.00	468.94	90.46	0.00
12	A1H/A4	509.97	78.78	12.00	12.00	177.45	0.00	510.02	77.51	0.00
13	A1H/A4	299.79	-79.96	12.00	12.00	336.17	0.00	299.31	-78.89	0.00
15	A1H/A4	431.82	-34.55	12.00	12.00	336.17	0.00	431.34	-33.48	0.00
16	A1H/A4	518.16	11.15	12.00	12.00	344.30	0.00	517.64	12.28	0.00
17	A1H/A4	212.30	97.52	12.00	12.00	180.00	0.00	212.30	96.35	0.00
19	A1H/A4	239.33	-86.70	12.00	12.00	336.17	0.00	238.86	-85.62	0.00
20	A1H/A4	364.85	-55.23	12.00	12.00	340.39	0.00	364.46	-54.12	0.00
21	A1H/A4	393.04	93.41	12.00	12.00	180.00	0.00	393.04	92.24	0.00
22	A1H/A4	457.41	-7.80	12.00	12.00	344.30	0.00	457.09	-6.67	0.00
1	D1	232.93	-33.82	8.60	8.60	157.31	0.00	233.12	-34.28	0.00
3	D1	241.52	-39.20	8.60	8.60	157.31	0.00	241.71	-39.66	0.00
4	D1	249.16	-6.87	10.60	10.60	340.90	0.00	248.99	7.34	0.00
5	D1	260.89	11.80	10.60	10.60	340.90	0.00	260.72	12.27	0.00
6	D1	251.59	-24.32	10.60	10.60	340.90	0.00	251.43	-23.85	0.00
7	D1	258.97	-21.21	10.60	10.60	340.90	0.00	258.81	-20.73	0.00
5	E2E	233.99	-32.72	8.50	8.50	66.66	0.00	234.11	-32.67	0.00
6	E2E	268.82	-15.94	8.50	8.50	156.53	0.00	268.87	-16.07	0.00
7	E2E	211.21	-17.26	8.50	8.50	248.54	0.00	211.09	-17.31	0.00
3	G1	229.33	0.75	9.00	9.00	339.65	0.00	229.33	0.75	0.00
4	G1	233.18	2.43	9.00	9.00	339.65	0.00	233.18	2.43	0.00

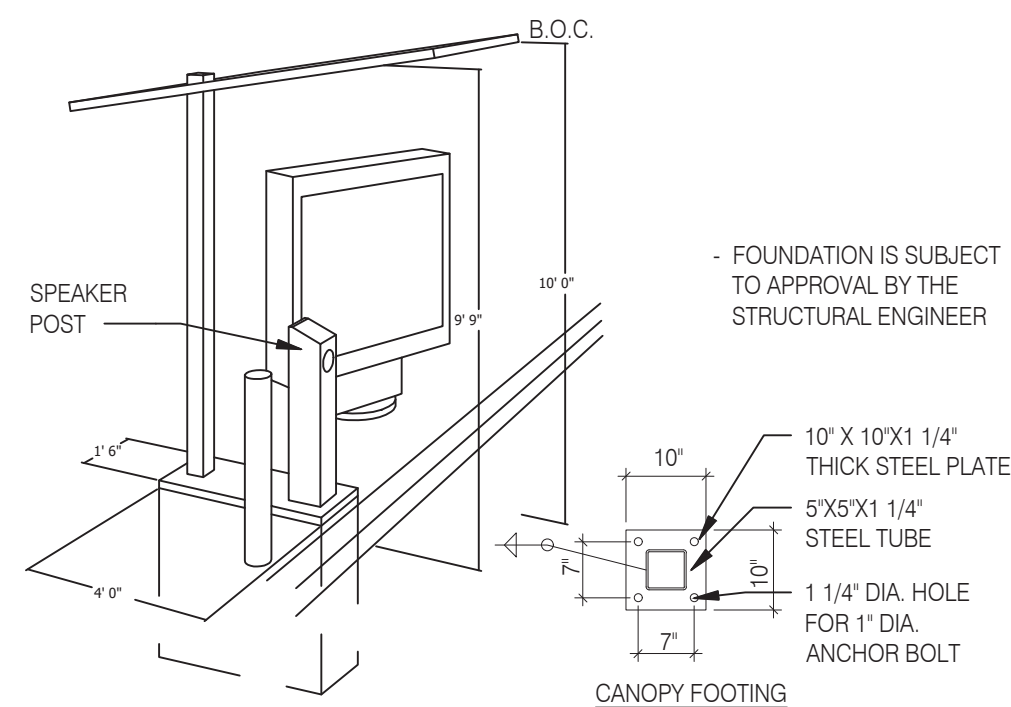
Statistics						
Description	Symbol	Max	Min	Max/Min	Avg/Min	Avg
Marlette Parking lot & Drive	+	7.3 fc	0.2 fc	36.5:1	11.0:1	2.2 fc
Marlette Property Line	+	3.8 fc	0.0 fc	N/A	N/A	0.3 fc
Marlette Site	+	7.6 fc	0.0 fc	N/A	N/A	1.8 fc

Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
□	A1/A4	5	LSI INDUSTRIES, INC.	MRM-LED-9L-SIL-FT-UNV-DIM-40-70CRI-BRZ-FIXTURE, 4SQB3-A125-9'-6"-S-BRZ = POLE	LED POLE MOUNTED FIXTURE, FORWARD THROW, UNV VOLTAGE, 0-10V DIMMING, 4000CCT, 70CRI, FIXTURE MOUNTED TO 9'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE. (10'-0" POLE CUT DOWN TO 9'-6")	LED, 62W, 4000K	1	MRM-LED-09L-SIL-FT-40-70CRI.ies	9860	0.85	62
□	A1H/A4	11	LSI INDUSTRIES, INC.	MRM-LED-9L-SIL-FT-UNV-DIM-40-70CRI-BRZ-IH+ FIXTURE, 4SQB3-A125-13'-6"-S-BRZ = POLE	LED POLE MOUNTED FIXTURE WITH HOUSE SIDE SHIELD, FORWARD THROW, UNV VOLTAGE, 0-10V DIMMING, 4000CCT, 70CRI, MOUNTED TO 9'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE. (10'-0" POLE CUT DOWN TO 9'-6")	LED, 62W, 4000K	1	MRM-LED-09L-SIL-FT-40-70CRI-IH.ies	7081	0.85	62
⏏	E2E	3	Lithonia Lighting	WEDGE1 LED P1 40K 80CRI VF MVOLT E4WH DWG DDBD	WEDGE1 LED WITH P1 - PERFORMANCE PACKAGE, 4000K, 80CRI, VISUAL COMFORT FORWARD OPTIC, EMERGENCY BATTERY	LED, 10W, 4000K	1	WEDGE1_LED_P1_40K_80CRI_VF.ies	1227	0.9	10
○	G1	2	Lightolier	FD6R4CCT	6" DIAMETER RECESSED LED FLAT DOWN LIGHT, DIFFUSED LENS, WET LISTED, FIXTURE RECESSED MOUNTED AT 9'-0" AFG	LED, 13W, 4000K	1	G1 - 912401510529 FDL G2 6 Round 900lm 90 40K 120V.ies	900	0.9	13
○	D1	6	Spectrum Lighting	ZV1206GV 15L 35K XX MFO XX MWI	Nom 12" diam reflector matte white finish x 6" H, small frosted glass jar diffuser	N/A, 35K/15L GV	1	D1 - SP-01142 - ZV1206GV 15L 35K XX MFO XX MWI.IES	1106	0.9	11



Great Lakes Taco L.L.C.  
 2717 Main Street (M-53)  
 Marlette, Michigan 48453  
 Site Lighting Photometric Plan

Designer  
 DB  
 Date  
 6/23/2022  
 Scale  
 Not to Scale  
 Drawing No.  
 Summary

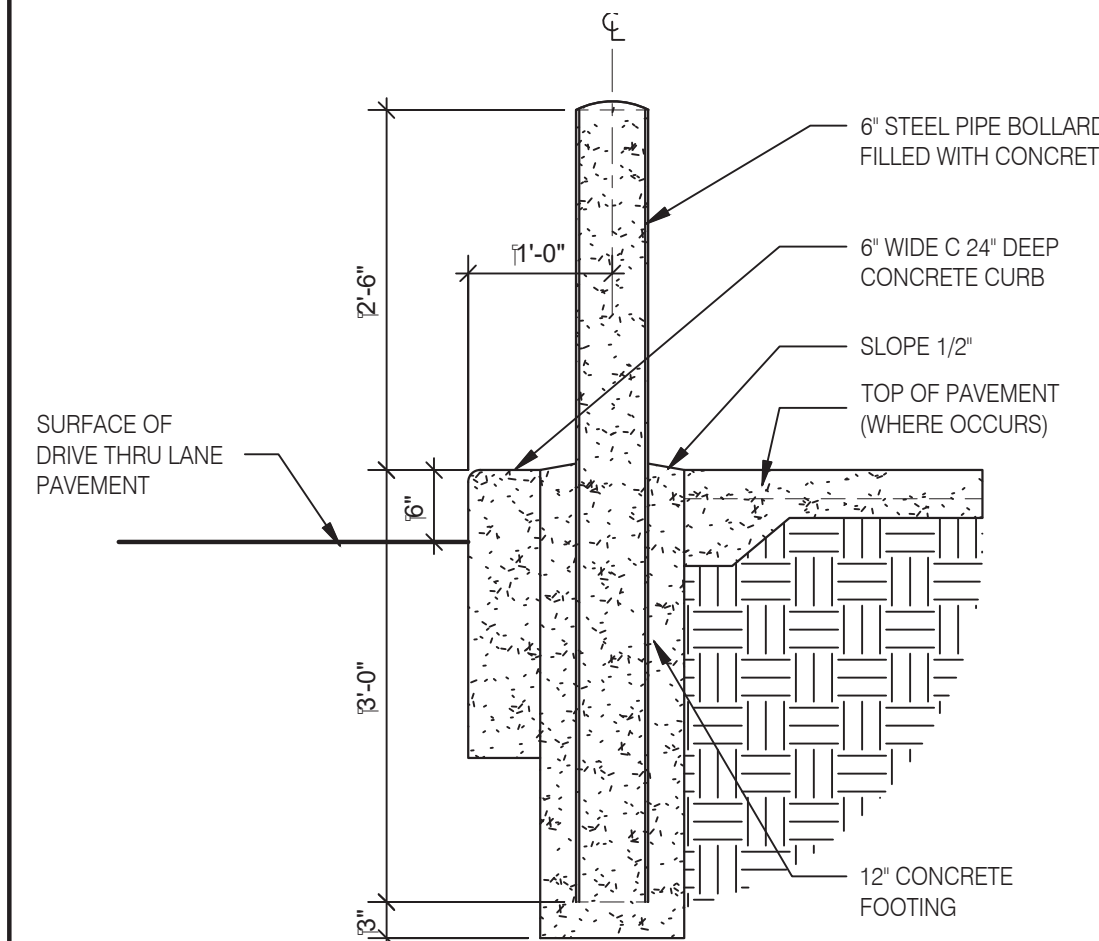


- NOTES**
1. ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT SPEAKER POST. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON SPEAKER POST.
  2. CENTER OF MB TO BE 5'-6" TO 9'-0" FROM DRIVERS POINT OF VIEW.
  3. PROVIDE (2) 1" CONDUITS FROM BUILDING TO SPEAKER POST FOR LOW VOLTAGE WIRING

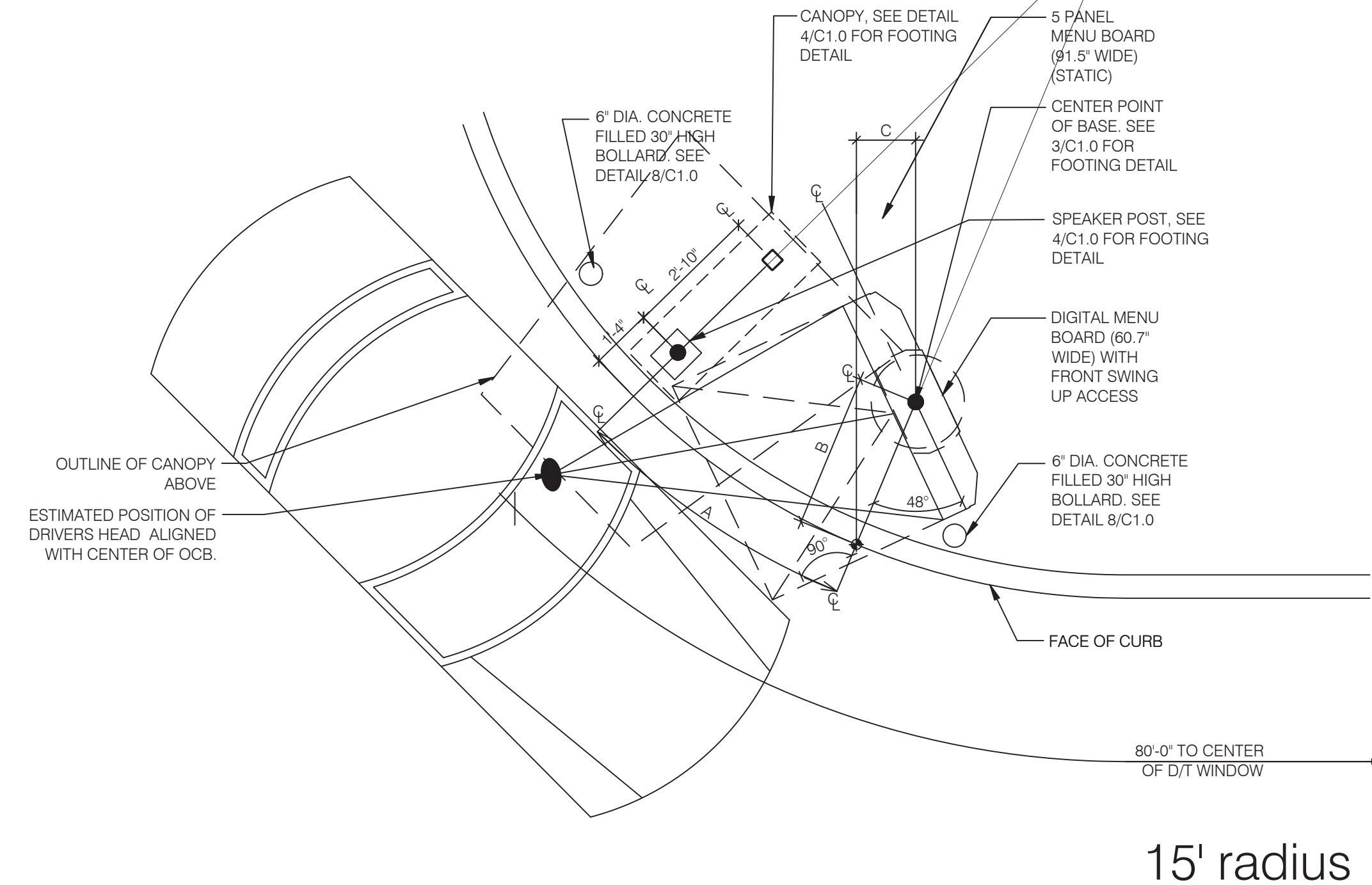
**CORNER DIMENSIONS**

RADIUS	A	B	C	MENU BRD DEG TILT
15'-0"	6'-3"	3'-3"	1'-3"	48°
18'-0"	5'-10"	3'-6"	1'-7"	52°
20'-0"	5'-11"	3'-7"	1'-9"	54°

**CANOPY AND SPEAKER FOOTING** N.T.S. **9**



**BOLLARD AT DRIVE THROUGH** N.T.S. **8**



**ENLARGED MENU BOARD DETAIL @ CURVED CURB** 3/8" = 1'-0" **6**

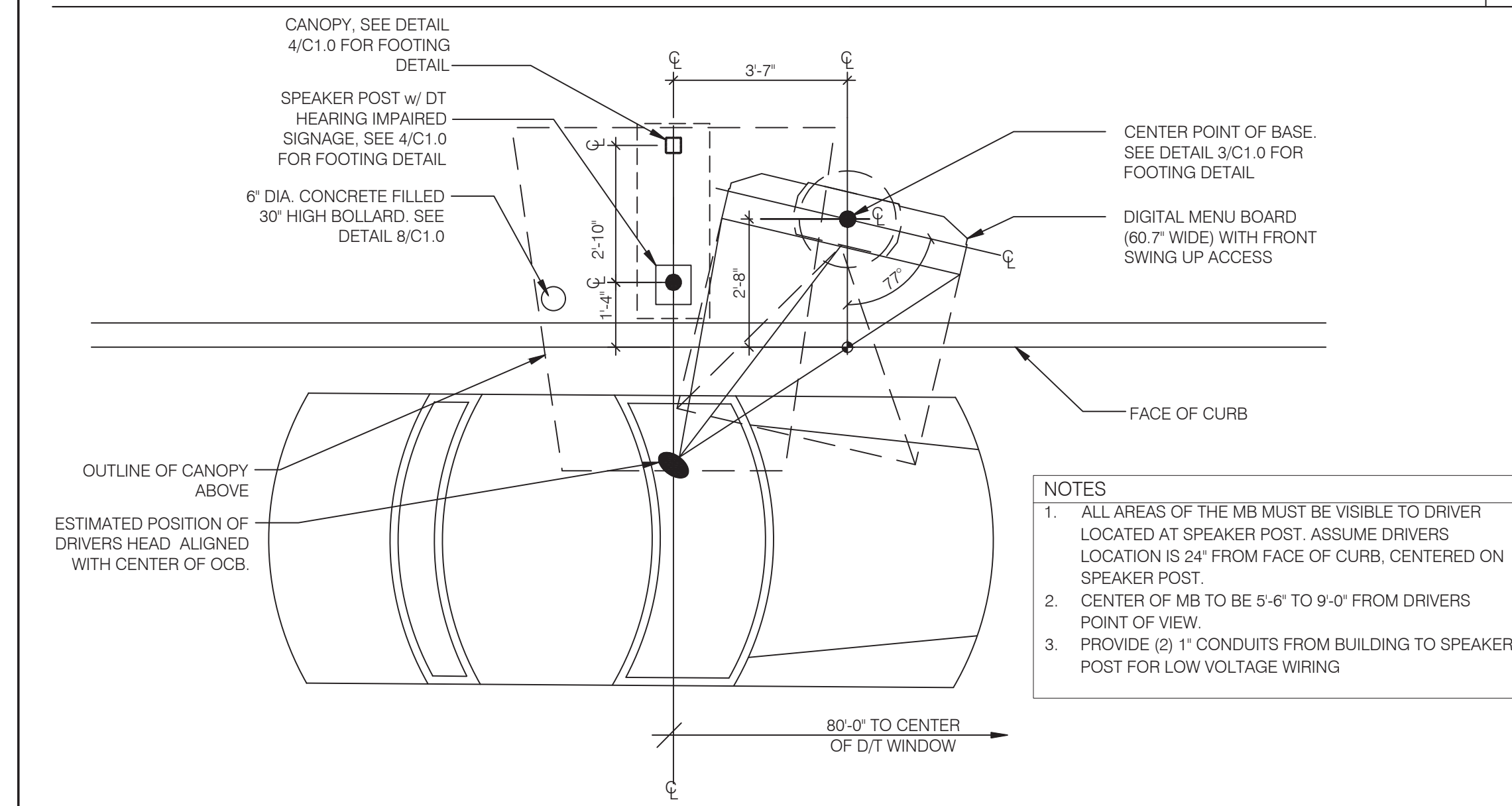
- SOW FOR DMB INSTALL AND VENDORS**
- RSCS TO SUPPLY DMB AND CABLE
  - SIGN VENDOR TO SUPPLY ANCHOR BOLTS AND BOLT PATTERN TO GC.
  - SITE SURVEY - SIGN VENDOR
- NEW BUILD**
1. TRENCHING/ CONDUIT - GC
  2. FORMING/ FOUNDATION/ ANCHOR BOLTS - GC
  3. DMB INSTALL - SIGN VENDOR
  4. DMB CABLE PULL - SIGN VENDOR
  5. DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR
  6. ELECTRICAL - PULL BY GC - DEDICATED CIRCUIT

- JUST DMB INSTALL**
0. PERMITTING - SIGN VENDOR
  1. EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
  2. TRENCHING/ CONDUIT - SIGN VENDOR
  3. FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
  4. ANCHOR BOLTS - SIGN VENDOR
  5. DIGITAL MD INSTALL - SIGN VENDOR
  6. DMB CABLE PULL - SIGN VENDOR
  7. DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

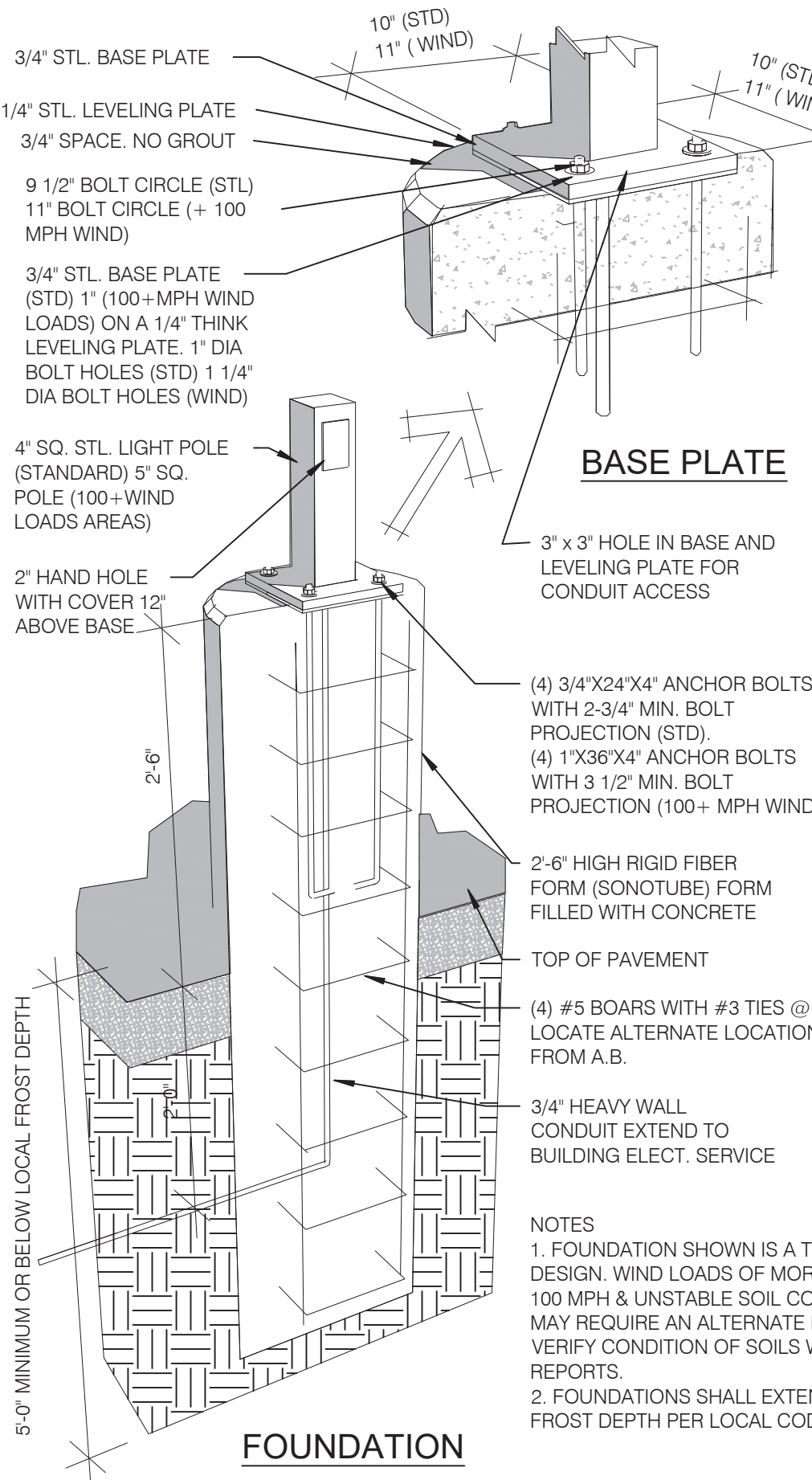
	REMODEL	NEW BUILDING	RETROFIT
FOUNDATION IS FURTHER THAN 6"	RECOMMEND NEW FOUNDATION WORK FOUNDATION PERFORMED BY GC	N/A	RECOMMEND NEW FOUNDATION WORK PERFORMED BY GC
USING EXISTING FOUNDATION (ALTHOUGH NOT RECOMMENDED)	-	N/A	-
INTEGRATED CANOPY EXISTS	-	N/A	-
BOLLARDS NEEDED - DO NOT PLACE IN FRONT OF MENUBOARD	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER

- REMODEL (SUCCESSOR MANDATORY - MIDTERM OPTIONAL FOR FZ)**
1. EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
  2. TRENCHING/ CONDUIT - SIGN VENDOR
  3. FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
  4. ANCHOR BOLTS - SIGN VENDOR
  5. DIGITAL MD INSTALL - SIGN VENDOR
  6. DMB CABLE PULL - SIGN VENDOR
  7. DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

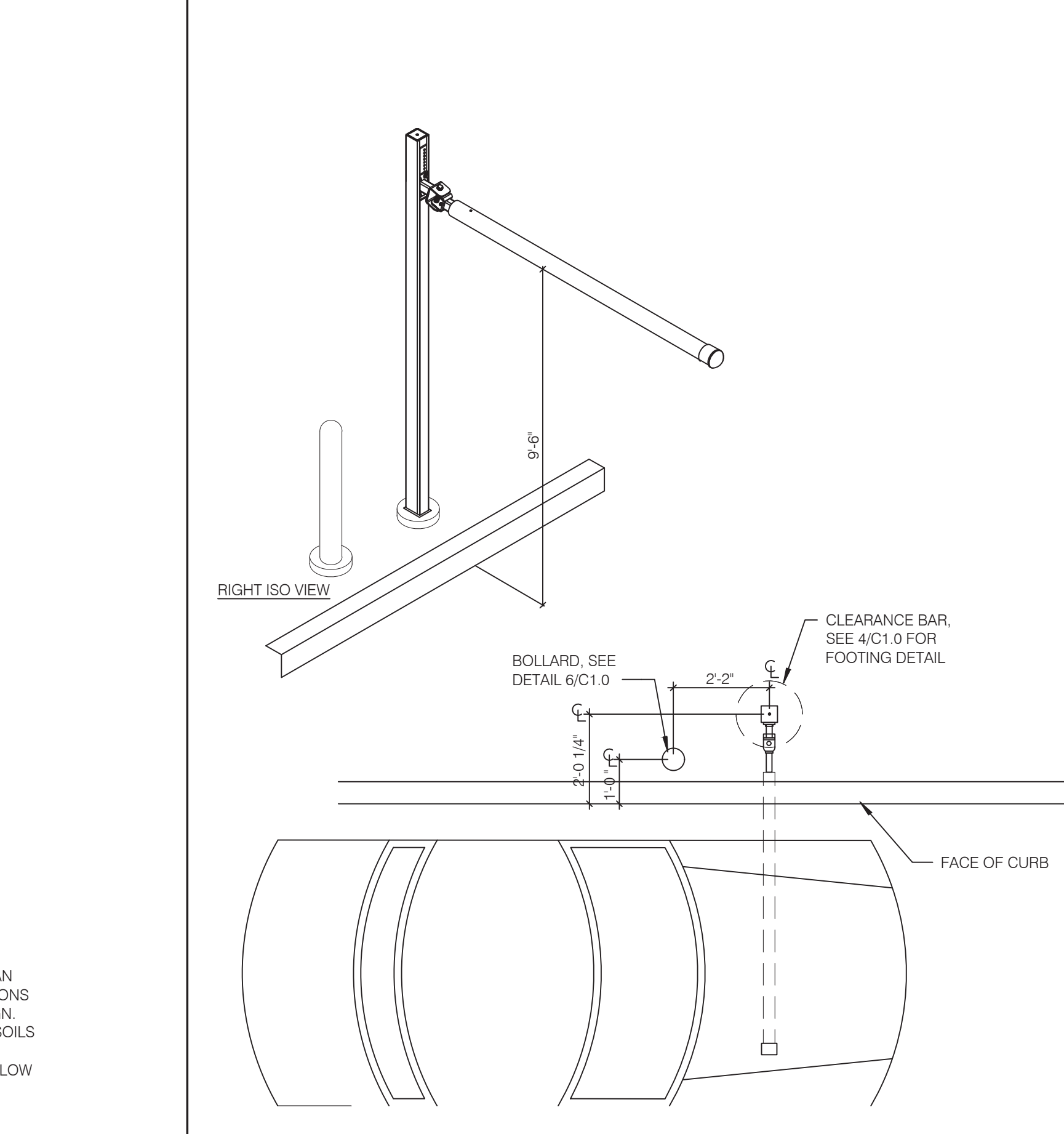
**MENU BOARD SOW** **1**



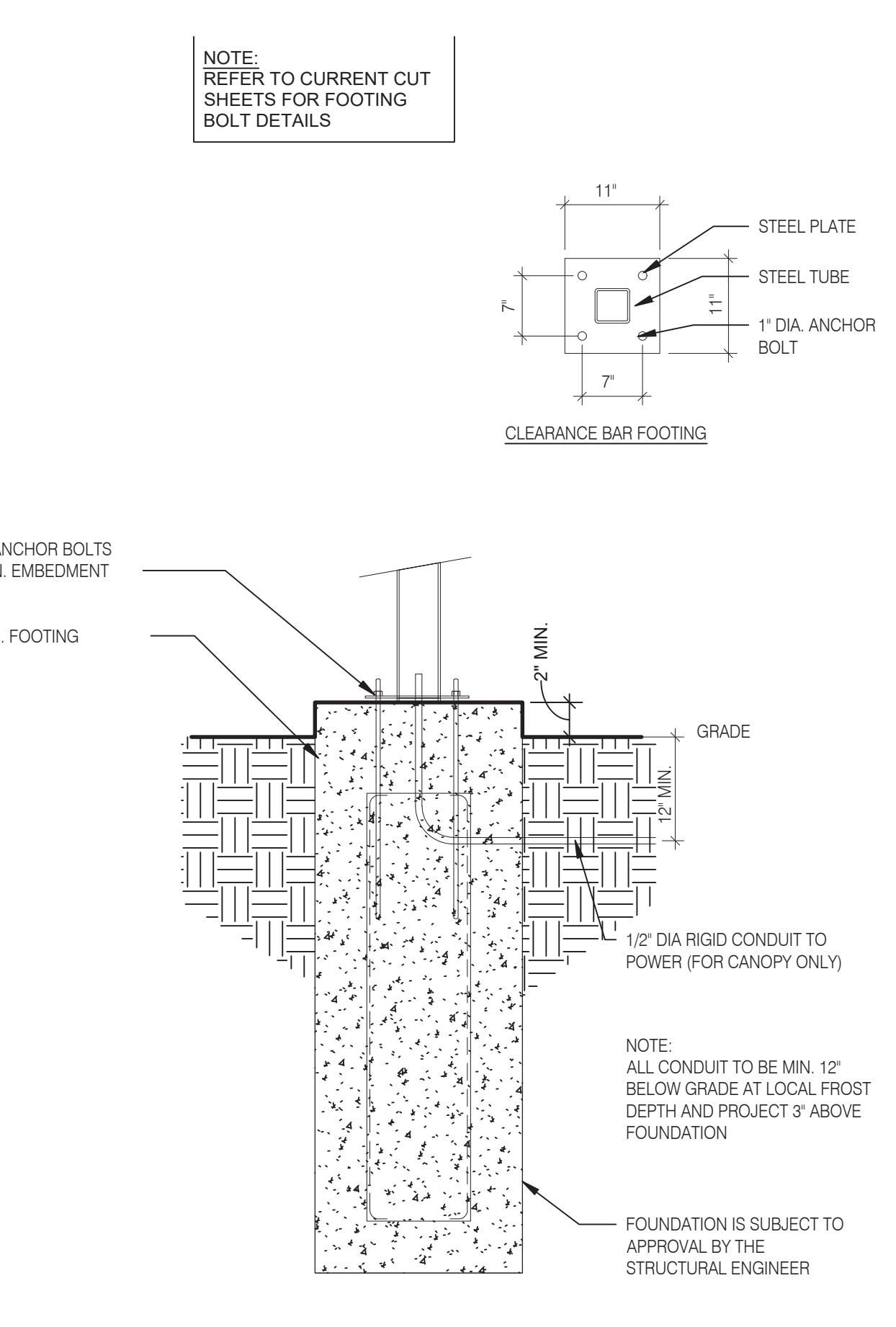
**ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB** 3/8" = 1'-0" **2**



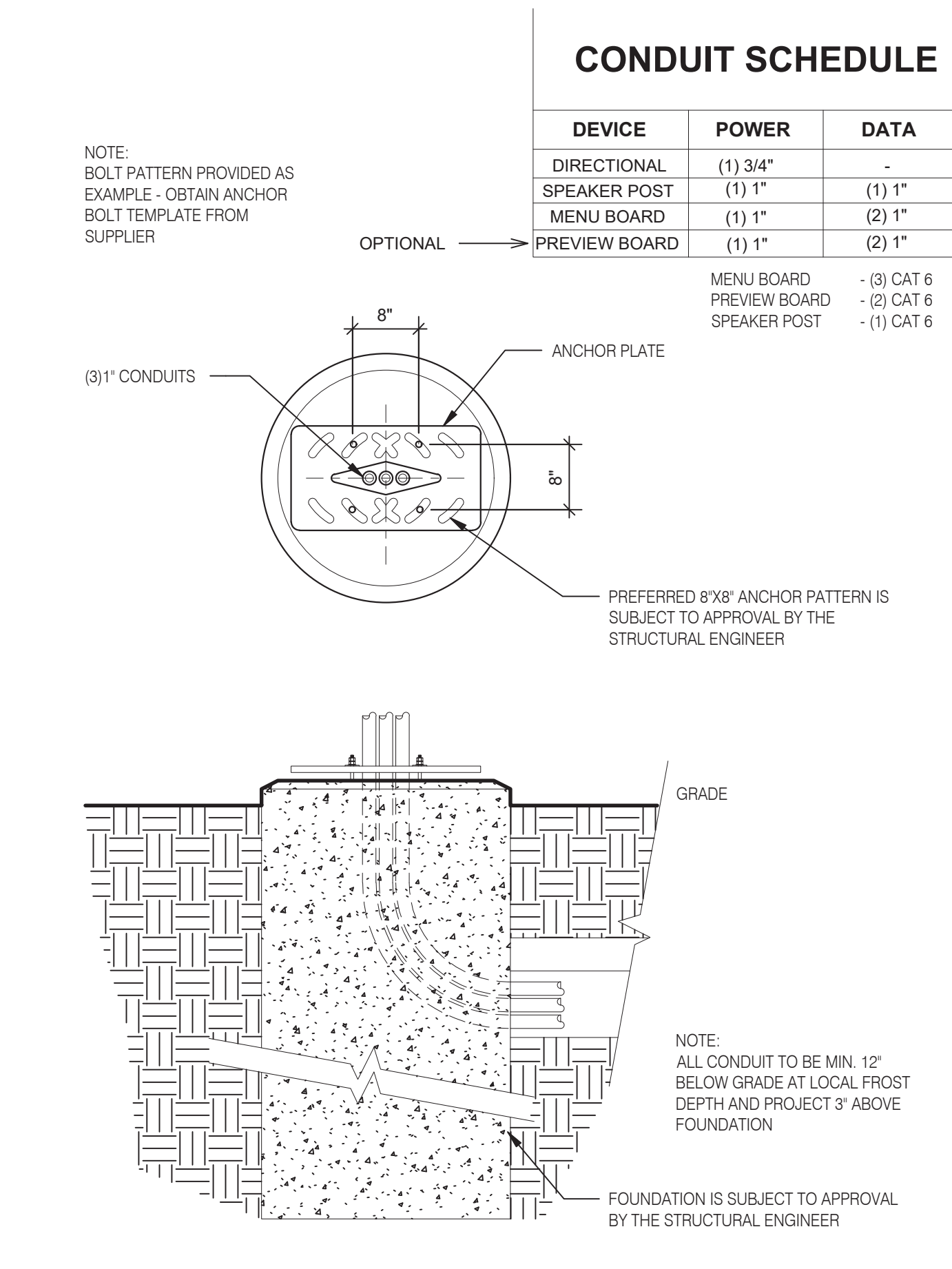
**LIGHT POLE FOOTING** N.T.S. **7**



**PORTAL PLACEMENT DETAIL** N.T.S. **5**



**CLEARANCE BAR FOOTING** N.T.S. **4**



**MENU FOUNDATION** N.T.S. **3**

**CONDUIT SCHEDULE**

DEVICE	POWER	DATA
DIRECTIONAL	(1) 3/4"	-
SPEAKER POST	(1) 1"	(1) 1"
MENU BOARD	(1) 1"	(2) 1"
PREVIEW BOARD	(1) 1"	(2) 1"

MENU BOARD - (3) CAT 6  
 PREVIEW BOARD - (2) CAT 6  
 SPEAKER POST - (1) CAT 6



**L + A ARCHITECTS INC. A.I.A.**  
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 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
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**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
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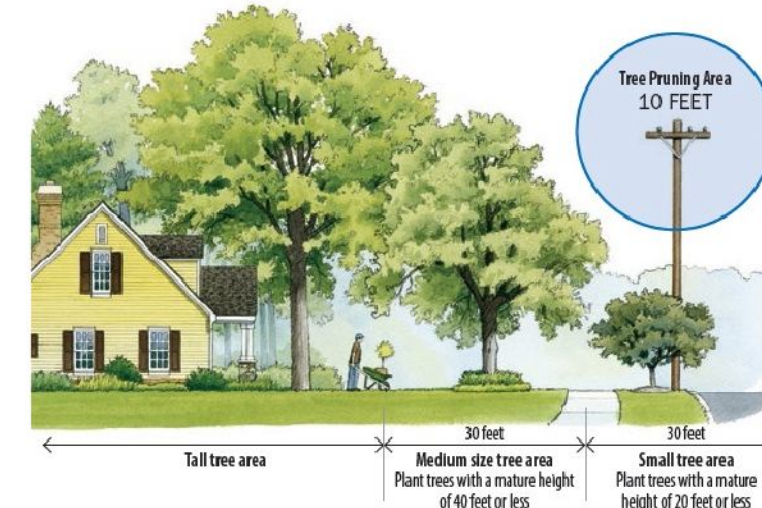
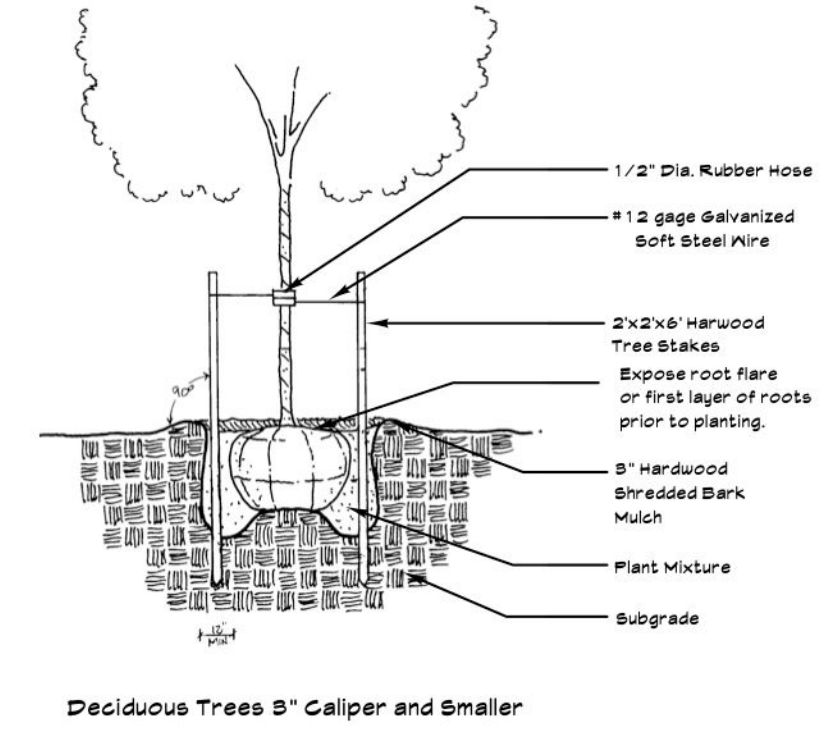
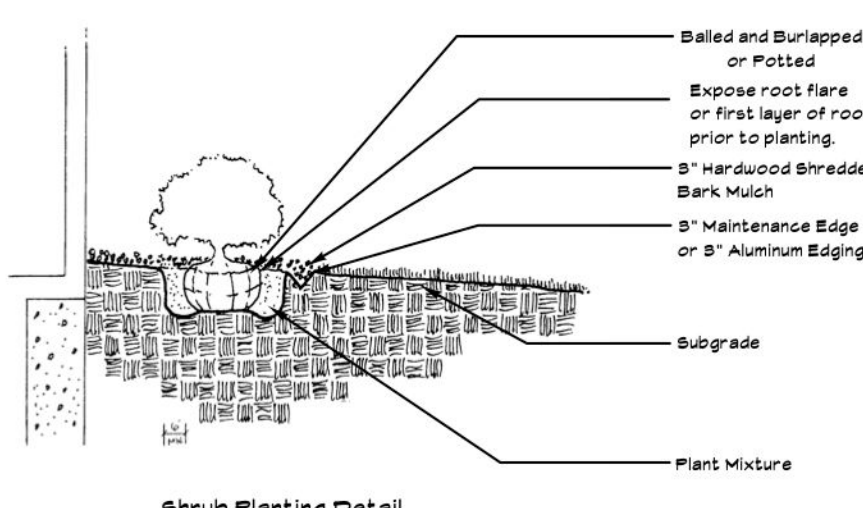
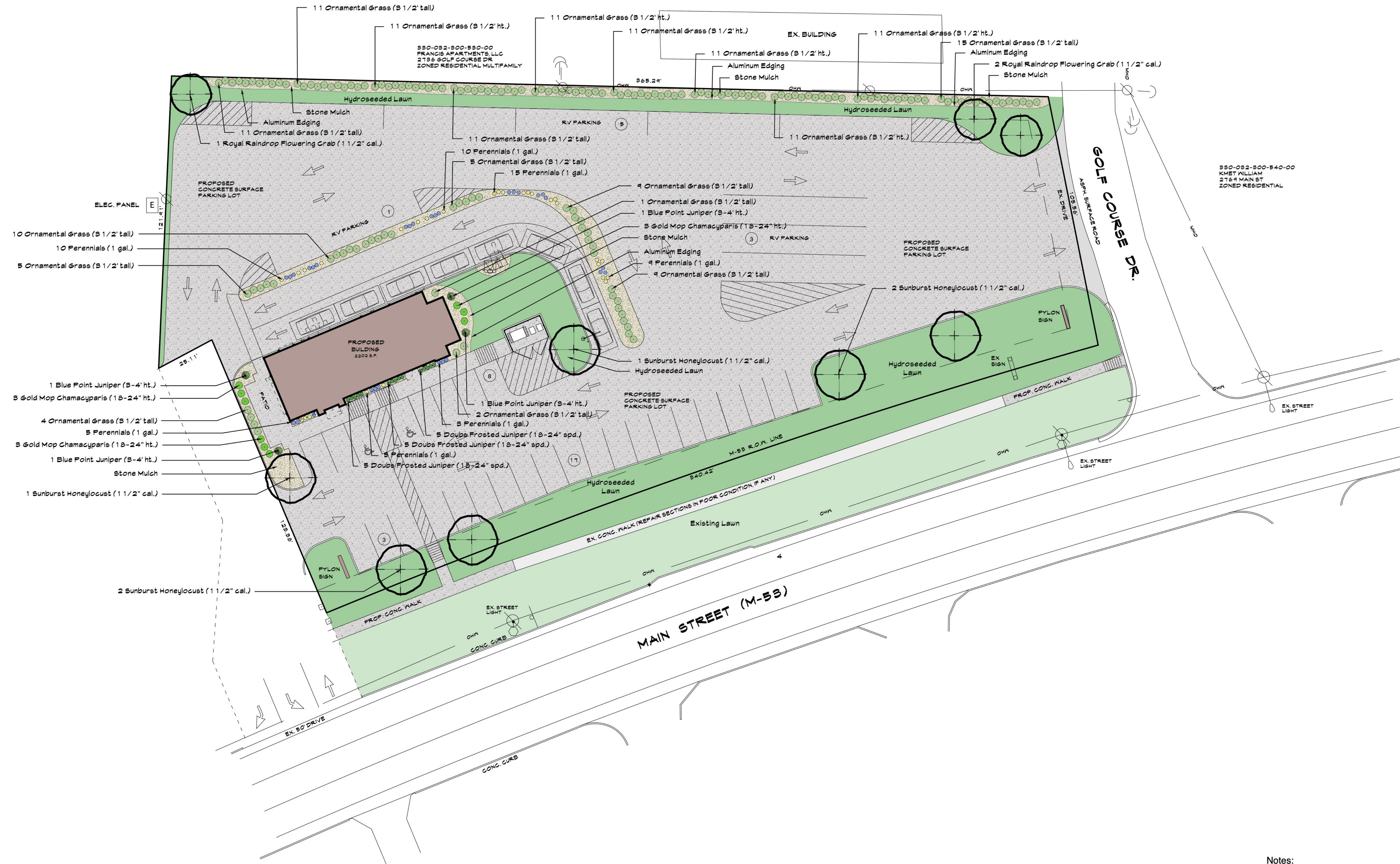


**ENDEAVOR 2.0 SITE DETAILS**

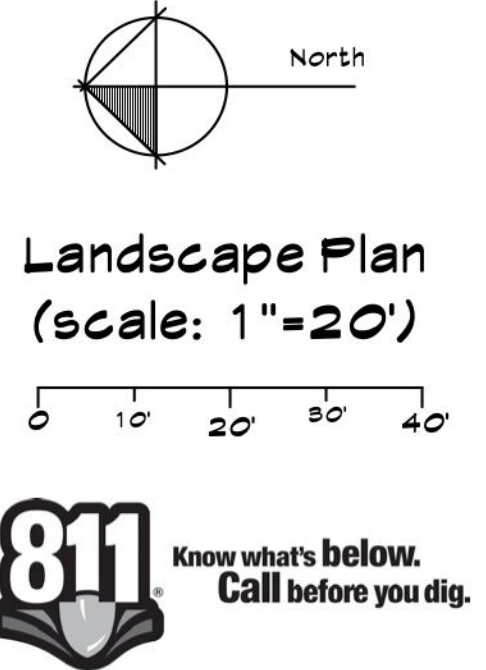
**C1.0**

PLOT DATE: 6/23/2022





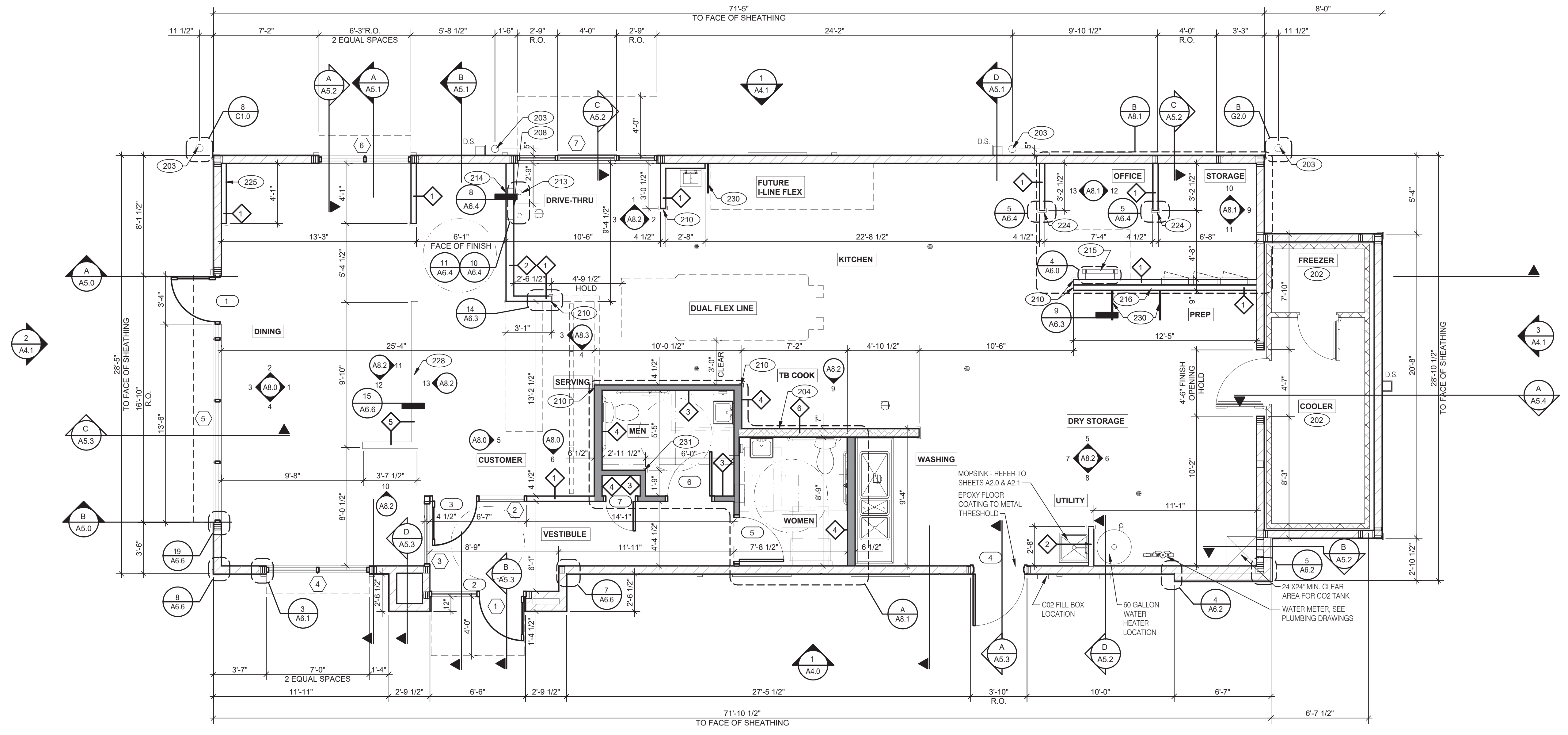
**Smart planting**  
No trees should be planted near power lines. However, many trees are attractive additions to your yard and, under normal conditions, will not grow tall enough to interfere with our distribution lines.  
Avoid planting tall-growing trees such as the following near or under power lines:  
- Silver Maple  
- White Spruce  
- Norway Maple  
- Colorado Blue Spruce  
- Most pines  
- Willows



STATE OF MICHIGAN  
**JOYCE E. WEISE**  
LANDSCAPE ARCHITECT  
No. 1202  
*Joyce E. Weise*  
Landscape Plan Drawn By:  
Joyce E. Weise PLA, ASLA

- Notes:**
- All landscaping shall be installed by a qualified Landscape Contractor. Plant sizes specified on the landscape plan shall be the size planted. Plants smaller than specified will be rejected. Substitutions of any kind must be approved by the Owner.
  - All plantings shall be mulched with 2-3" stone mulch on landscape fabric.
  - Trees in lawn areas shall receive a 6" diameter bark ring 3" deep.
  - The landscape contractor shall remove any twine that is wrapped around the trunk of a tree or shrub as well as the top third of any burlap. Remove excess soil on the top of the root ball to expose the root flare or first layer of roots prior to planting. Use a wire cutter to make 3-5 cuts in the wire basket to allow roots to grow through.
  - When planting trees in the lawn area or on the berm the existing soil within a 10 foot diameter shall be loosened by tilling or similar and amended with composted manure or peat at a depth of 6-12".
  - Planting beds next to lawn areas shall be edged with aluminum edging to define a border for the stone mulch.
  - Lawn areas shall receive at least 4" of topsoil and hydroseeded. Check with specifications for topsoil availability or contact project manager. Topsoil for lawns shall be appropriate for growing and sustaining a healthy lawn. All lawns shall be hydroseeded with a seed blend consisting of 30% Kentucky Bluegrass, 20% Perennial Ryegrass, 10% Hard Fescue, 20% Creeping Red Fescue and 20% Chewings Fescue.
  - Maintenance of the landscape shall be provided for by the owner and include fertilizing of lawn and plant material, yearly pruning, top dressing of mulch areas every other year and provide 1" of water per week during the growing season.
  - Plant materials shall be chosen and installed in accordance with standards recommended by the County Cooperative Extension Service or American Nursery Association.

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 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:                      
 BUILDING TYPE:                    END. MED 40  
 PLAN VERSION:                    MARCH 2021  
 BRAND DESIGNER:                      
 SITE NUMBER:                    315876  
 STORE NUMBER:                    458993  
 PA/PM:                                  
 DRAWN BY:                              
 JOB NO.:                              

**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453

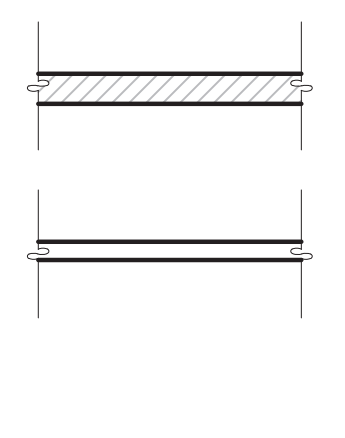


**ENDEAVOR 2.0**  
**FLOOR PLAN**

**A1.0**

PLOT DATE:                    6/23/2022

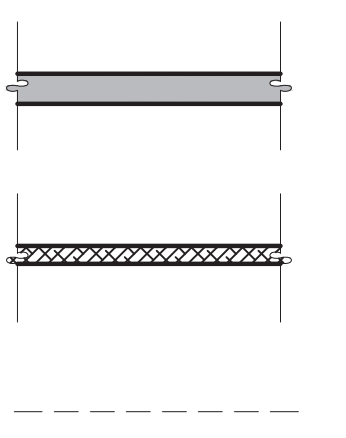
**FLOOR PLAN 1/4" = 1'-0" 1**



**TYPICAL EXTERIOR WALL:**  
 2X6 WD STUDS AT 16" O.C. W/ SHEATHING AS SCHEDULED (SEE STRUCT. DWGS.) AND R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE 2 LAYERS OF GRADE 'D' 60 lb BUILDING PAPER.

**TYPICAL INTERIOR WALL:**  
 WD STUDS AT 16" O.C. AS INDICATED

1 2X4 WOOD STUDS  
 2 2X6 WOOD STUDS



**INTERIOR SOUND-RATED WALL:**  
 TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED FIBERGLASS BATT INSULATION.

3 2X4 WOOD STUDS 4 2X6 WOOD STUDS

**HOOD WALL:**  
 INTERIOR NON-COMBUSTIBLE WALL WITH 20 GA. S.S. PANEL BEHIND HOOD. EXTEND MIN. 18" BEYOND END OF HOOD. METAL STUD FRAMING. REFER TO DETAIL 2/M3.0 FOR EXTENT OF S.S. PANEL.

6 6" METAL STUD

DASHED LINE INDICATES INTERIOR SUBSTRATE LOCATION.

**LOW WALL:**  
 2X4 WD STUDS AT 16" O.C. AS SCHEDULED (SEE DETAIL 15/A6.6)

5 2X4 WOOD STUDS

**WALL HEIGHTS:**  
 ALL INTERIOR NON-BEARING WALLS GO TO BOTTOM OF TRUSS, U.O.N. REFER TO STRUCTURE.

**WALL SUBSTRATES:**  
 - DINING ROOM:  
 1/2" GYPSUM WALLBOARD FROM FLOOR SLAB TO 6' ABOVE CEILING HEIGHT U.O.N. SEE 6 & 8/A6.3 (NOTE: THE CEMENT BOARD SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBILITY.)  
 - KITCHEN WALLS AND DINING ROOM CLOSET:  
 1/2" CEMENT WALLBOARD FROM T.O. SLAB T.O. 12" A.F.F. AT 12" A.F.F., USE 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6' ABOVE CEILING HEIGHT U.O.N. IF DOUBLE SIDE SHEAR WALL PLYWD IS SPECIFIED THE PLYWOOD SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. SEE 4/A6.3.  
 - RESTROOM WALLS:  
 5/8" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 5/8" HI-IMPACT BRAND XP WALLBOARD, TYPE X CORE FROM T.O. CEMENT BOARD TO 6' ABOVE CEILING HEIGHT U.O.N. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED.  
 - ALL OTHER FRAME WALL CONDITIONS:  
 1/2" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6' ABOVE CEILING HEIGHT U.O.N. FINISH AS SCHEDULE

**DIMENSIONS:**  
 A. ALL DIMENSIONS NOTED ARE TO FACE OF CONCRETE FOUNDATION, FACE OF SHEATHING ON EXTERIOR WALLS, AND FACE OF FINISH ON INTERIOR WALLS U.O.N.  
 B. DIMENSIONS NOTED AS 'CLEAR' OR 'HOLD' ARE MIN. REQUIRED. NET CLEARANCE FROM FACE OF WALL / WAINGSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

**WINDOWS / DOORS:**  
 A. SEE SHEET A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.  
 B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

**FINISH SUBSTRATES:**  
 A. PROVIDE 1/2" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS EXCEPT SHEARWALL SURFACES, U.O.N.  
 B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH 'NSF INTERNATIONAL' APPROVED SEALANTS.  
 C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE, U.O.N.

**DECOR:**  
 A. SEE A2.0 FOR SEATING PLAN AND DETAILS.  
 B. SEE A7.0 FOR FLOOR FINISHES.  
 C. SEE A8.0 - A8.3 FOR WALL FINISHES.  
 D. SEE A7.1 FOR CEILING FINISHES.

**GENERAL:**  
 A. PROVIDE THREE FIRE EXTINGUISHERS - (2) 10 lb. BC AND (1) 10 lb. ABC - TO COMPLY WITH LOCAL FIRE CODE. LOCATE PER DIRECTION OF FIRE MARSHALL OR LOCAL AUTHORIZING AGENT. FOR ADDITIONAL INFORMATION SEE SHEET A2.0  
 B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.

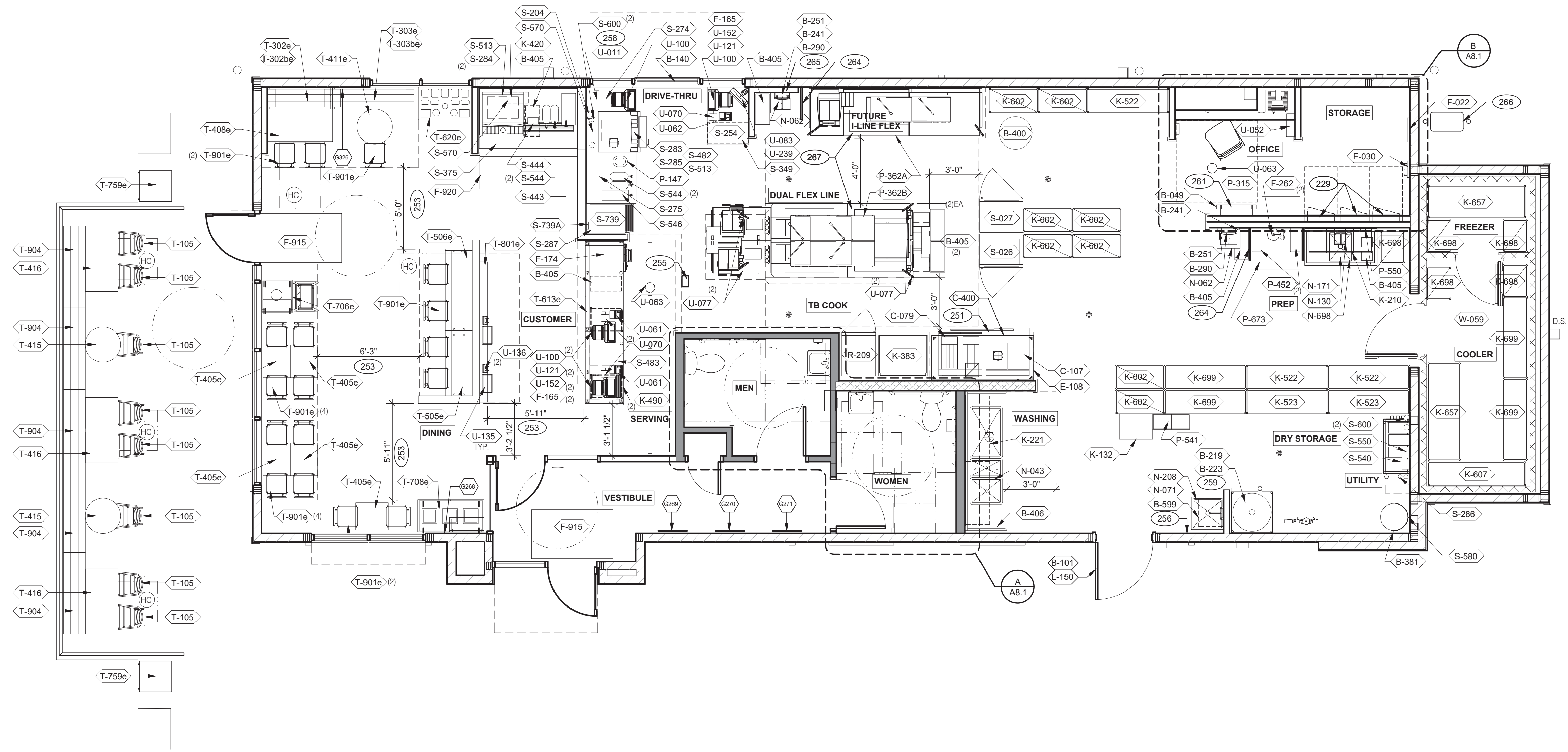
202 NO FRP BEHIND W-059 WALK-IN COOLER/FREEZER.  
 203 PIPE BOLLARD. SEE DETAIL.  
 204 HOOD WALL. SEE WALL LEGEND.  
 208 KEEP CLEAR FOR UTILITIES & SYRUP LINES.  
 210 S.S. CORNER GUARD/WALL CAP [TM-2], TYP. ALL CORNERS IN BACK OF HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER.  
 213 SYRUP LINE CHASE (ABOVE).  
 214 14"x14" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER.  
 215 ROOF LADDER.  
 216 ADD SECOND 2X4 WALL ON KITCHEN SIDE.  
 224 CASED OPENING. REFER TO DETAIL 5/A6.4  
 225 FUR OUT WALL AS INDICATED WITH 2X4 WOOD STUDS AT 16" O.C.  
 228 LOW WALL, BY G.C. COORDINATE WITH STRUCTURAL DRAWINGS  
 230 STAINLESS STEEL SPLASH GUARD.  
 231 CORNER GUARD TILE SCHLUTER.

**WALL LEGEND E**

**FLOOR PLAN NOTES D**

**KEY NOTES B**





NTD:  
 OPTIONAL: ROLL-A-SHADE INFINITY SYSTEM  
 MATERIAL: SHEERWEAVE 2390 8% CHARCOAL  
 FASCIA SYSTEM: DARK BRONZE  
 CONTACT - RIC BERG  
 951.245.5077 EXT. 113  
 RIC.BERG@ROLLASHADE.COM



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**ENDEAVOR 2.0**  
**EQUIPMENT**  
**AND SEATING**  
**PLAN**

**A2.0**

PLOT DATE:                    6/23/2022

TAG	QTY	ITEM DESCRIPTION	TAG	QTY	ITEM DESCRIPTION
T-105	8	RETRO CHAIR - 18	T-801e	1	KIOSK 1/2 TOWER
T-302be	1	BENCH BACK REST - 60"	T-901e	17	CHAIR - LAMINATE SEAT
T-302e	1	BENCH SEAT - 48"	T-903	4	BENCH SEAT - 48"
T-303be	1	BENCH BACK REST - 60"	T-904	5	BENCH SEAT - 60"
T-303e	1	BENCH SEAT - 60"			
T-405e	5	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP			
T-408e	1	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP			
T-411e	1	SS TABLE - 24 DIA X 30 - 2 TOP			
T-415	2	SS TABLE - 24 DIA X 30 - 2 TOP			
T-416	3	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP			
T-505e	1	COUNTER TOP - 48" X 20" X 30"			
T-506e	1	COUNTER TOP - 60" X 20" X 30"			
T-613e	1	POS COUNTER 121 - 3 POS			
T-620e	1	CONDIMENT COUNTER - RECTANGLE			
T-706e	1	WASTE ENCLOSURE - SINGLE			
T-708e	1	WASTE ENCLOSURE - 3 STREAM			
T-759e	2	WASTE ENCLOSURE - SINGLE			

**FURNITURE PACKAGE - BY FURNITURE VENDOR U.O.N.**      **E**

QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
1	HYPNOTIZE ME BELL	D	M01	H6-4" x W17-6"	SEE A8.0
1	CAMO PATTERN	D	F01	28x40	SEE A8.0
1	CAMO PATTERN	D	F02	28x40	SEE A8.0
1	CAMO PATTERN	D	F01	28x40	SEE A8.0

**ARTWORK SCHEDULE**      **D**

DECOR  
 1. REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITY  
 2. (HC) SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

STORAGE TYPE	LINEAR FT.
DRY STORAGE	53
COLD STORAGE	26
FROZEN STORAGE	12

**SHELVING QUANTITIES**      **C2**

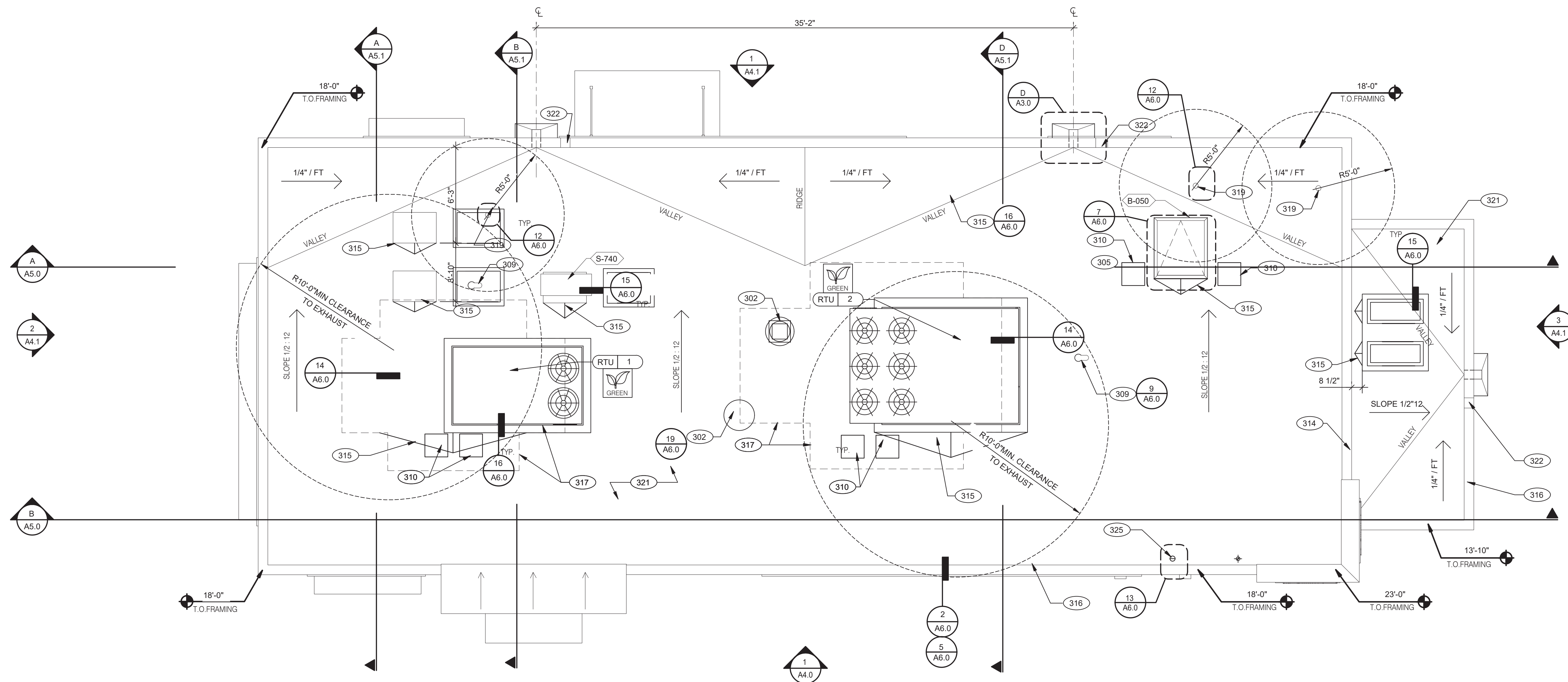
**EQUIPMENT AND SEATING PLAN**      1/4" = 1'-0"      **A**

- 229 ELECTRICAL PANELS.
- 251 HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
- 253 MAINTAIN 36" MIN. CLEAR ACCESSIBLE AISLE EGRESS PATHS TO EXIT DOORS, 32" AT DOORWAYS AND CASING OPENINGS. (42" AISLE REQUIRED WHEN AISLE SERVES MORE THAN 50 SEATS).
- 255 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
- 256 PULL STATION @ 3'-8" A.F.F.
- 258 COORDINATE LOCATION OF HORIZONTAL PVC SYRUP CHASE THRU WALL TO COUNTER.
- 259 6" HIGH WATER HEATER PLATFORM.
- 261 ROOF LADDER WITH BILCO LADDER UP SAFETY POST.
- 264 SPLASH GUARD.
- 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
- 266 GAS METER.
- 267 FOR DUAL-FLEX LINE AND I-FLEX LINE SUB-EQUIPMENT SEE SHEET A8.3.

**GENERAL NOTES**      **C1**

**KEY NOTES**      **B**

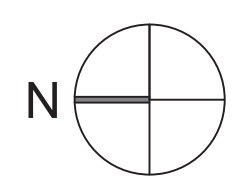




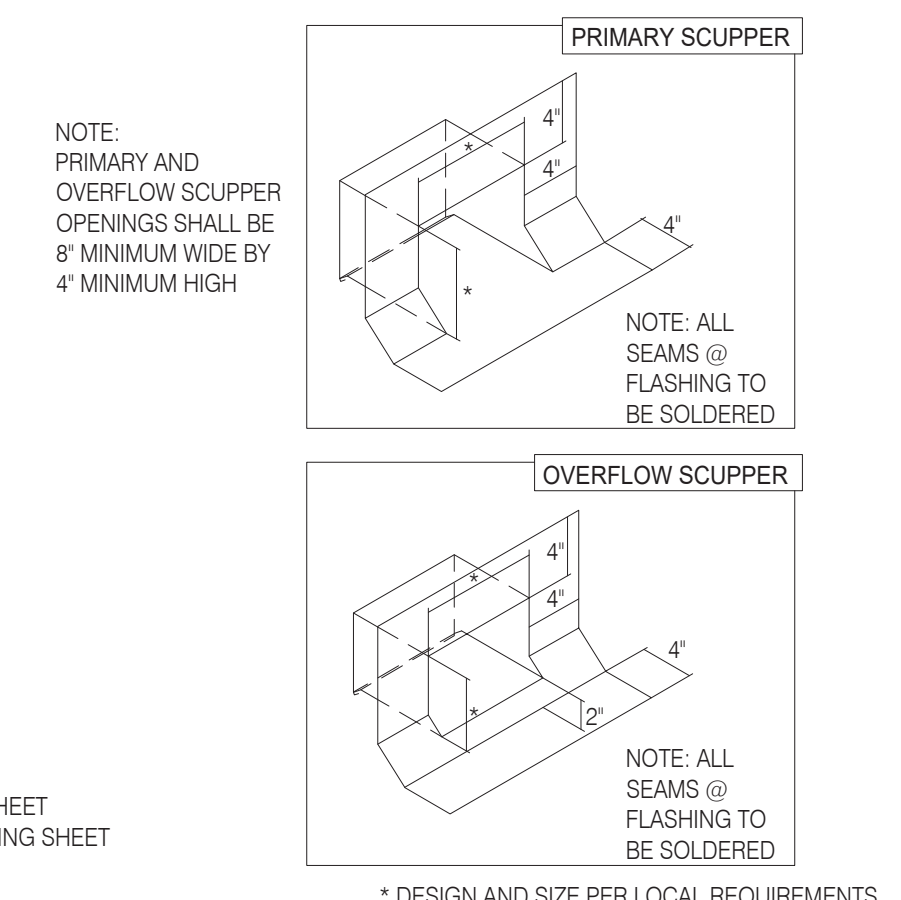
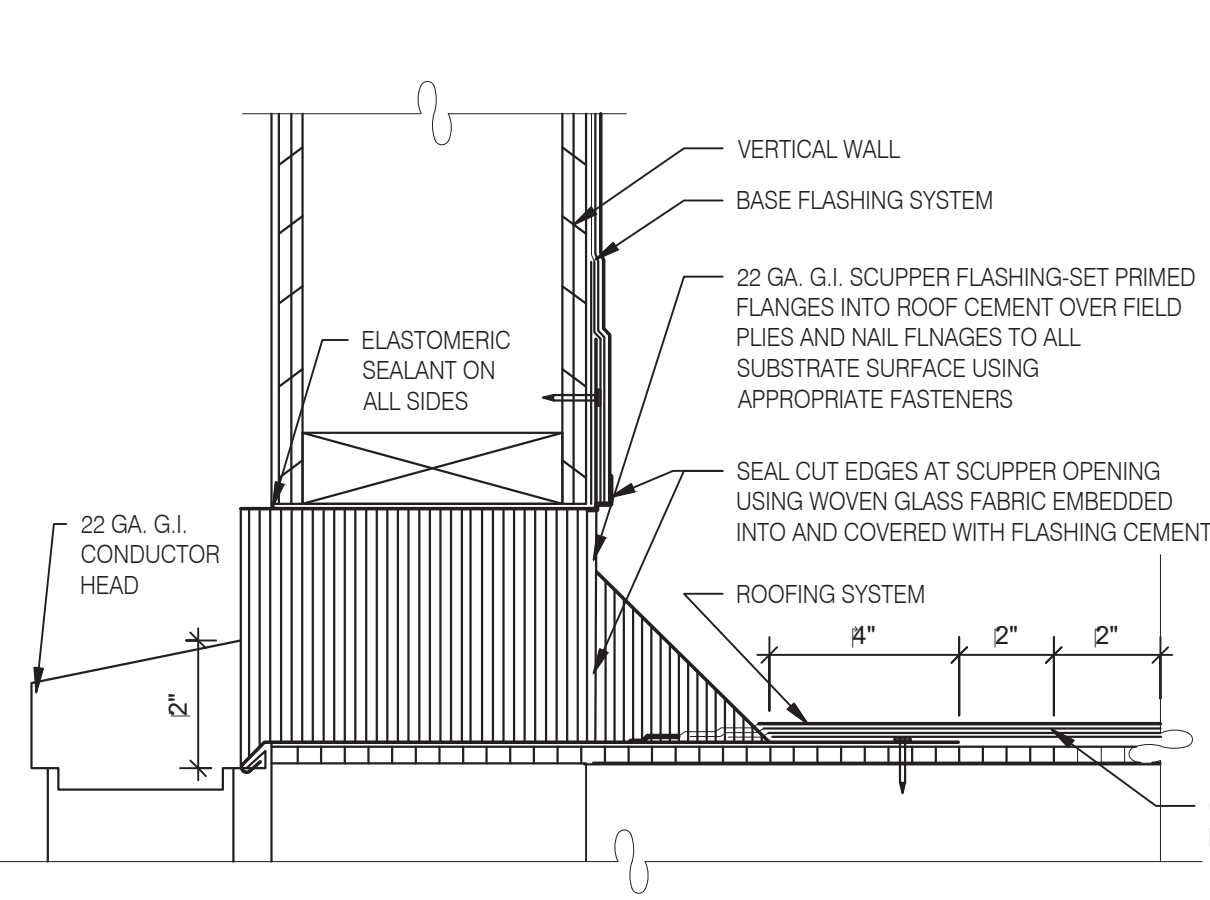
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**ROOF PLAN** 1/4" = 1'-0" **A**



**SCUPPER FLASHING** **D**

**WATERPROOFING:**  
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER  
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED  
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.  
 D. SEE SPECIFICATIONS FOR SEALANT SPECS.  
 E. ALL SHEETS MTL FLASHING SHALL BE 22 GA MIN.  
  
**MISCELLANEOUS:**  
 A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.  
 B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.  
 C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

**ROOF PLAN NOTES** **C**

- 302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL.
- 305 ROOF HATCH.
- 309 PIPE HOOD FOR UTILITIES.
- 310 24x36 WALK MATS. SEE ROOF SPECS.
- 314 CHANGE IN PARAPET ELEVATION. SEE SECTION B/A5.0
- 315 ROOF CRICKET.
- 316 METAL PARAPET CAP.
- 317 MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE.
- 319 WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION.
- 321 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER MINIMUM R-35 RIGID INSULATION BOARD OVER 5/8" APA RATED EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 322 8" WIDE BY 4" HIGH MINIMUM OVERFLOW SCUPPER.
- 325 WATER HEATER VENT.

**KEY NOTES** **B**

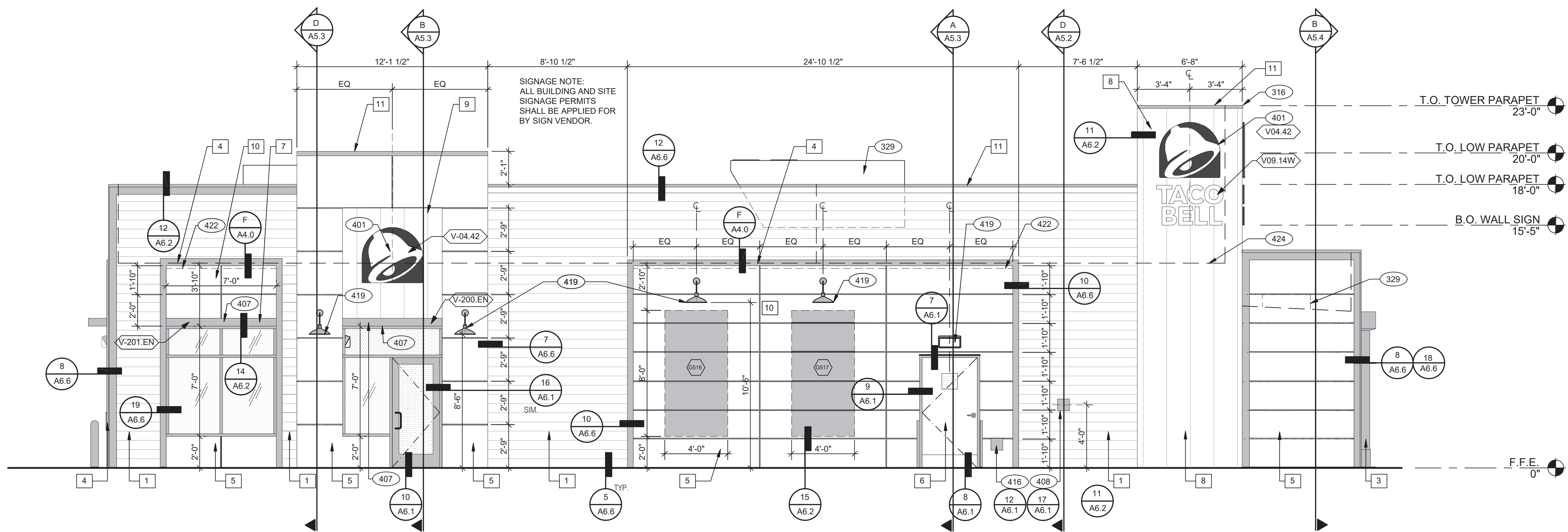
**GREAT LAKES**  
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 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0**  
**ROOF PLAN**

**A3.0**

PLOT DATE: 6/23/2022



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



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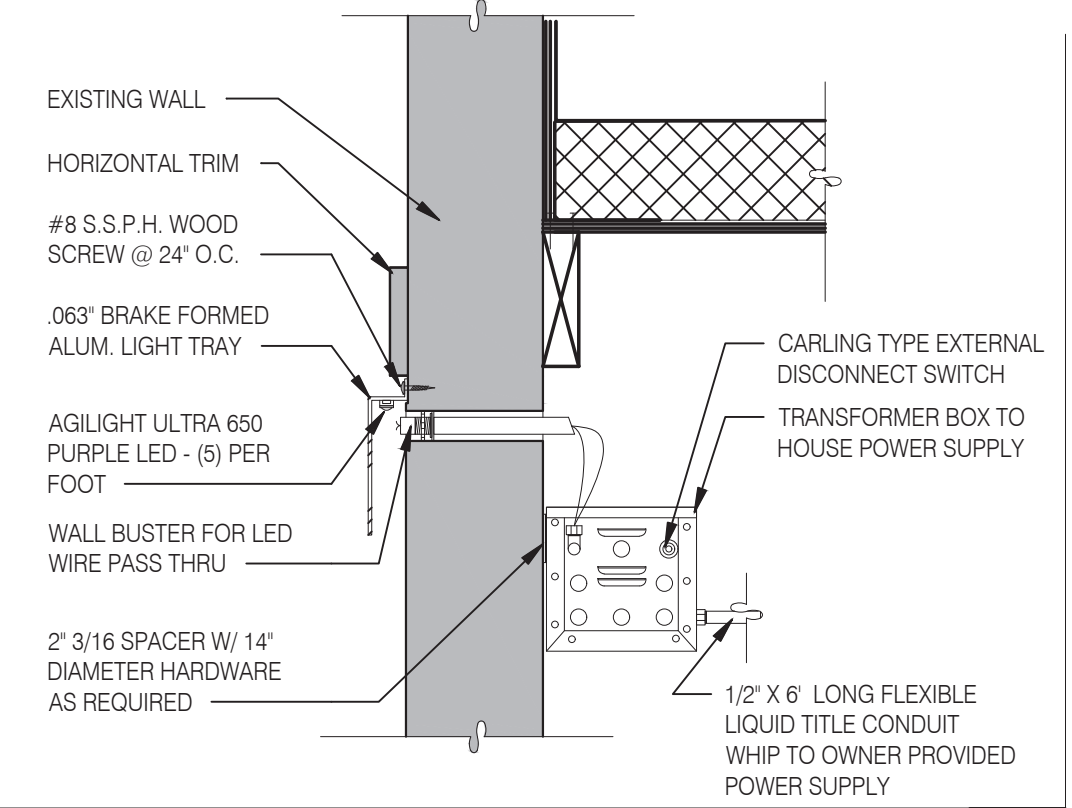
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**ENDEAVOR 2.0**  
**EXTERIOR**  
**ELEVATIONS**

**A4.0**

PLOT DATE: 6/23/2022



LED WALL WASHER DETAIL F

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
<b>TOWER</b>			
V-09.14W	2	14\"/>	

SIGNAGE E

**MISCELLANEOUS**  
 A. SEE SHEET A1.1 'WINDOW TYPES' FOR WINDOW ELEVATIONS.  
**SEALERS (REFER TO SPECS)**  
 A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.  
 B. SEALANT AT ALL WINDOW AND DOOR FRAMES AND JAMB. DO NOT SEAL SILL @ WINDOWS.  
 C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING AND CANOPY.  
**CRITICAL DIMENSIONS**  
 A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD SIGNAGE/BUILDING ELEMENTS DIMENSIONS.  
 NOTE: NO EXTERIOR SIGNS ARE WITHIN THE SCOPE OF WORK COVERED BY THE BUILDING PERMIT APPLICATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL EXTERIOR SIGNS AND INSTALLATION OF REQUIRED BLOCKING AND ELECTRICAL CONNECTIONS FOR FINAL APPROVED SIGNS.

GENERAL NOTES C

X	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
5516	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
5517	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
5518	HYPNOTIZE ME BELL	D	M02	48x96	A4.1
5517	HYPNOTIZE ME BELL	D	M02	48x96	A4.1

**PAINTING**  
 APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION.  
 PRIMER: 1 COAT SW A24W8300  
 FINISH: 2 COATS SW A82-100 SERIES. MATCH COLORS FROM MATERIAL SCHEDULE.  
 A-100 EXTERIOR LATEX SATIN.

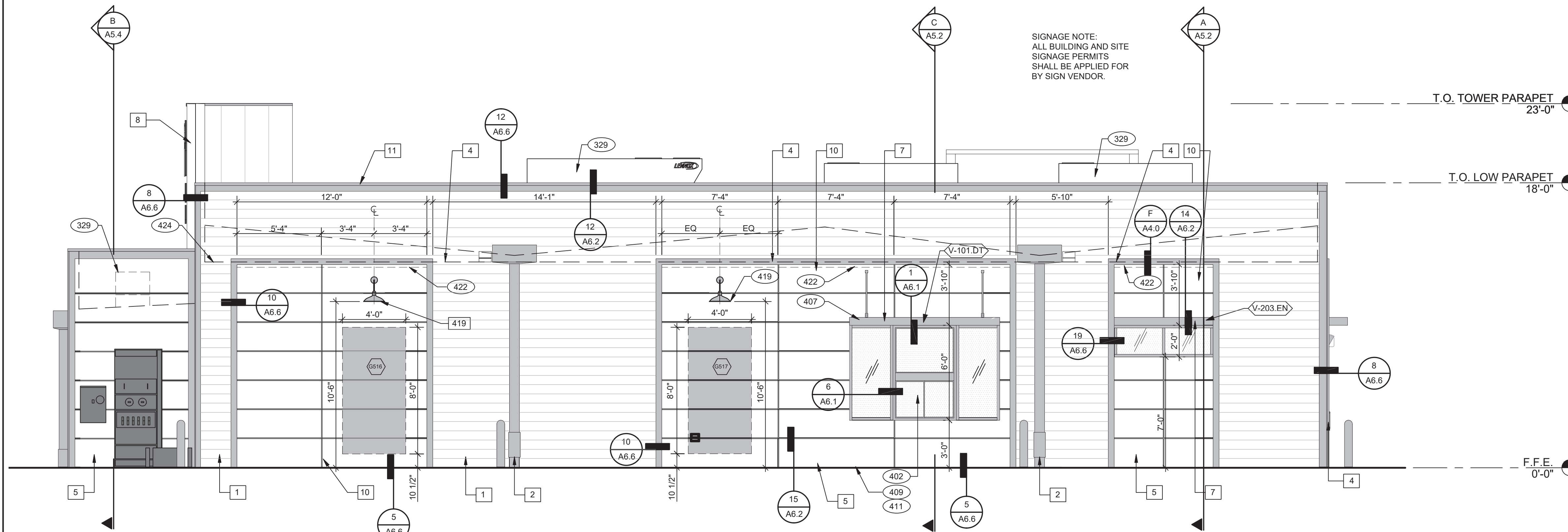
PAINT NOTES A

329 MECHANICAL UNIT. SEE ROOF PLAN.  
 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.  
 407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.  
 408 CO2 FILLER VALVE & COVER.  
 416 HOSE BIB BOX AT 18\"/>

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144\"/>		

EXTERIOR FINISH SCHEDULE D

KEY NOTES B



**EAST ELEVATION** 1/4" = 1'-0" **1**

- SEE SHEET A4.0 FOR FINISH SCHEDULE
- 316 METAL PARAPET CAP.
  - 329 MECHANICAL UNIT, SEE ROOF PLAN.
  - 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
  - 402 DRIVE THRU WINDOW, SEE SHEET A1.0 AND A1.1.
  - 407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
  - 409 ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.
  - 411 CONCRETE CURB.
  - 419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
  - 422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR.
  - 424 LINE OF ROOF BEYOND.



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**A**

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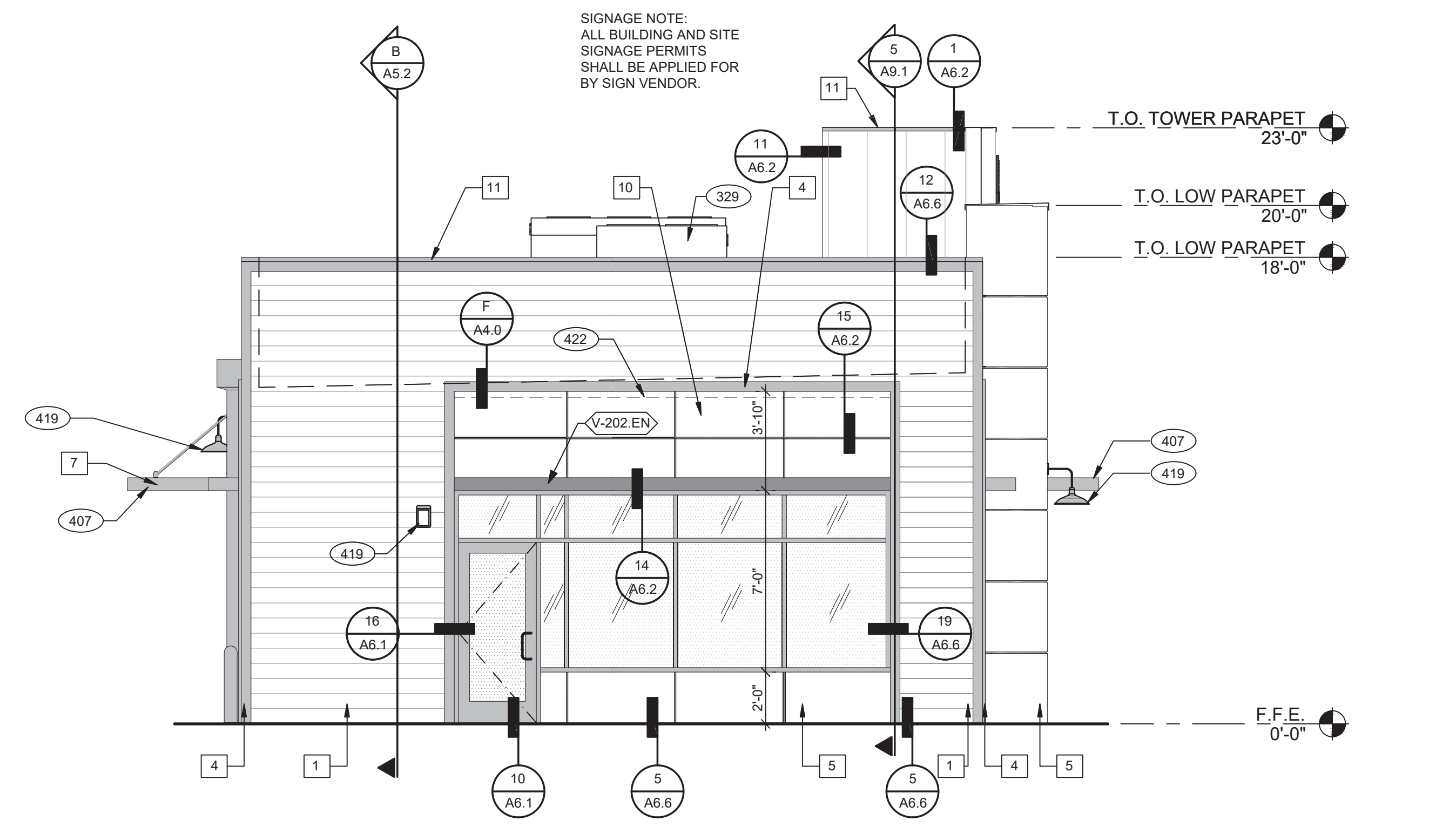
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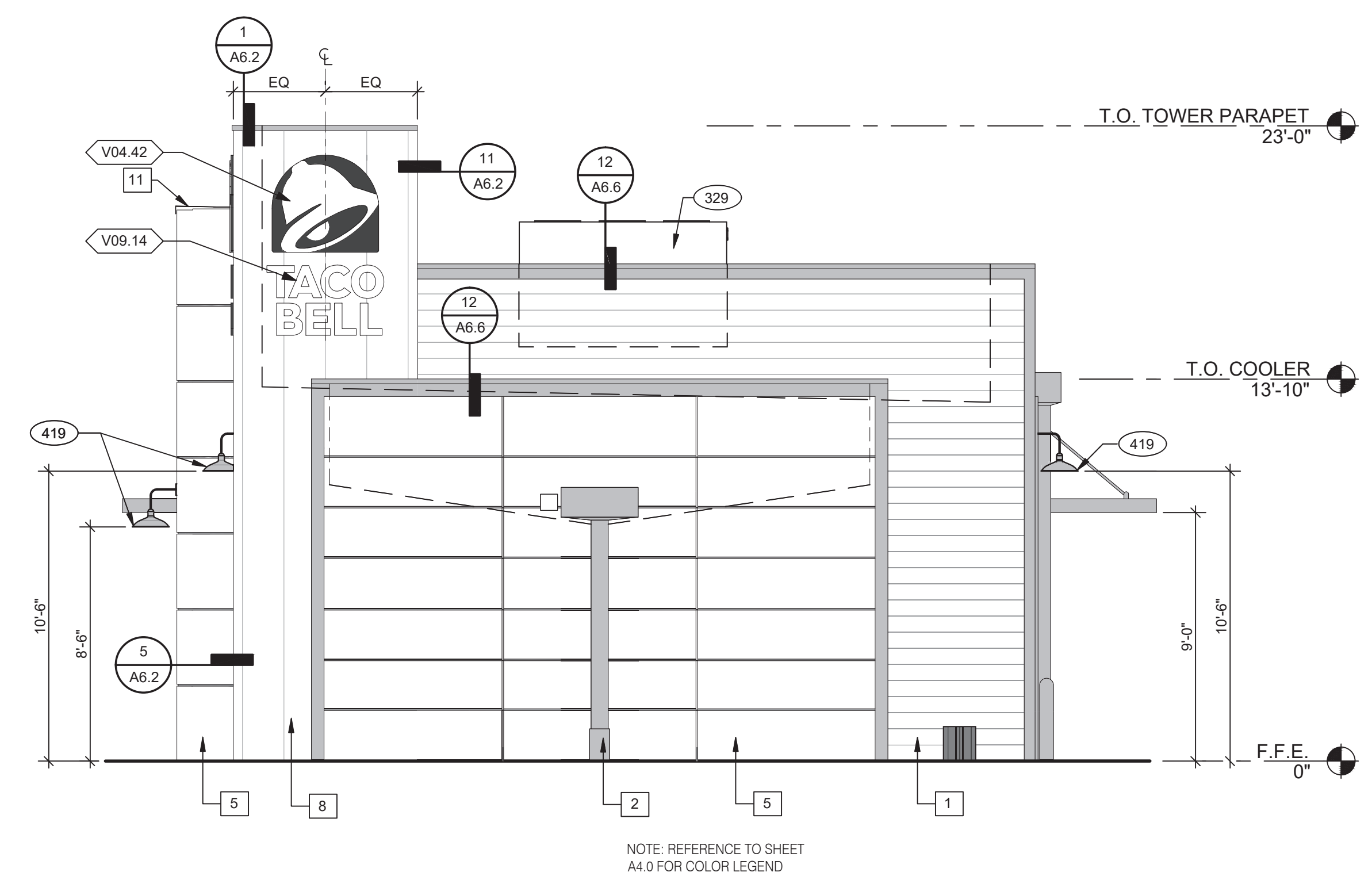
**ENDEAVOR 2.0**  
**EXTERIOR**  
**ELEVATIONS**

**A4.1**

PLOT DATE: 6/23/2022

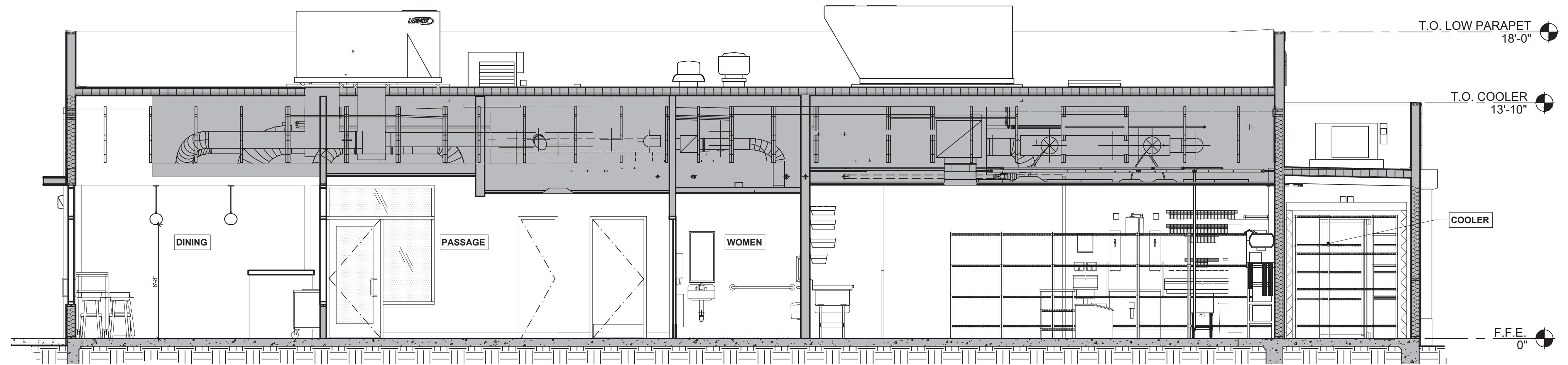


**NORTH ELEVATION** 1/4" = 1'-0" **2**

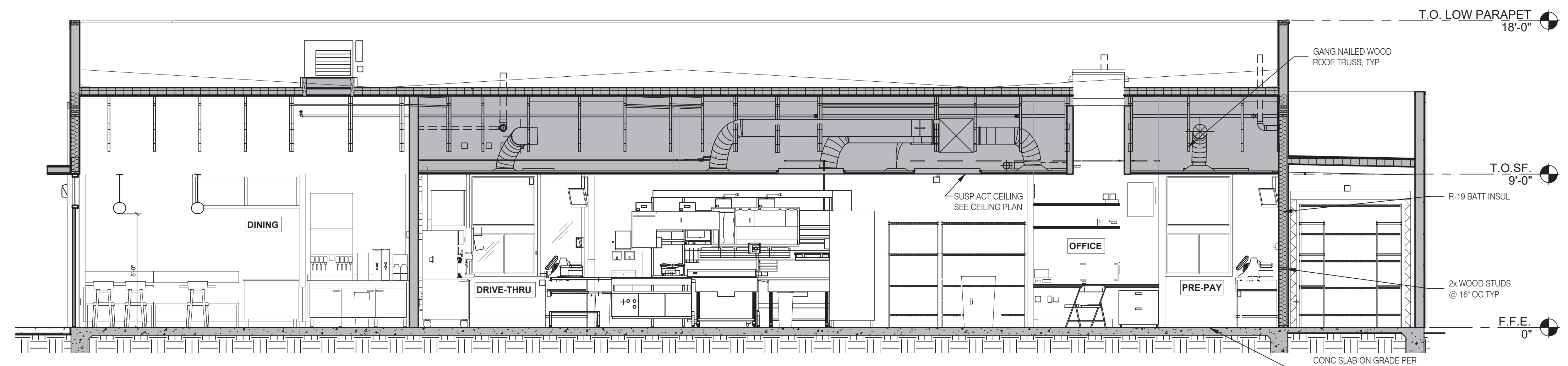


**SOUTH ELEVATION** 1/4" = 1'-0" **3**





**BUILDING SECTION 2** 1/4" = 1'-0" **B**



**BUILDING SECTION 1** 1/4" = 1'-0" **A**



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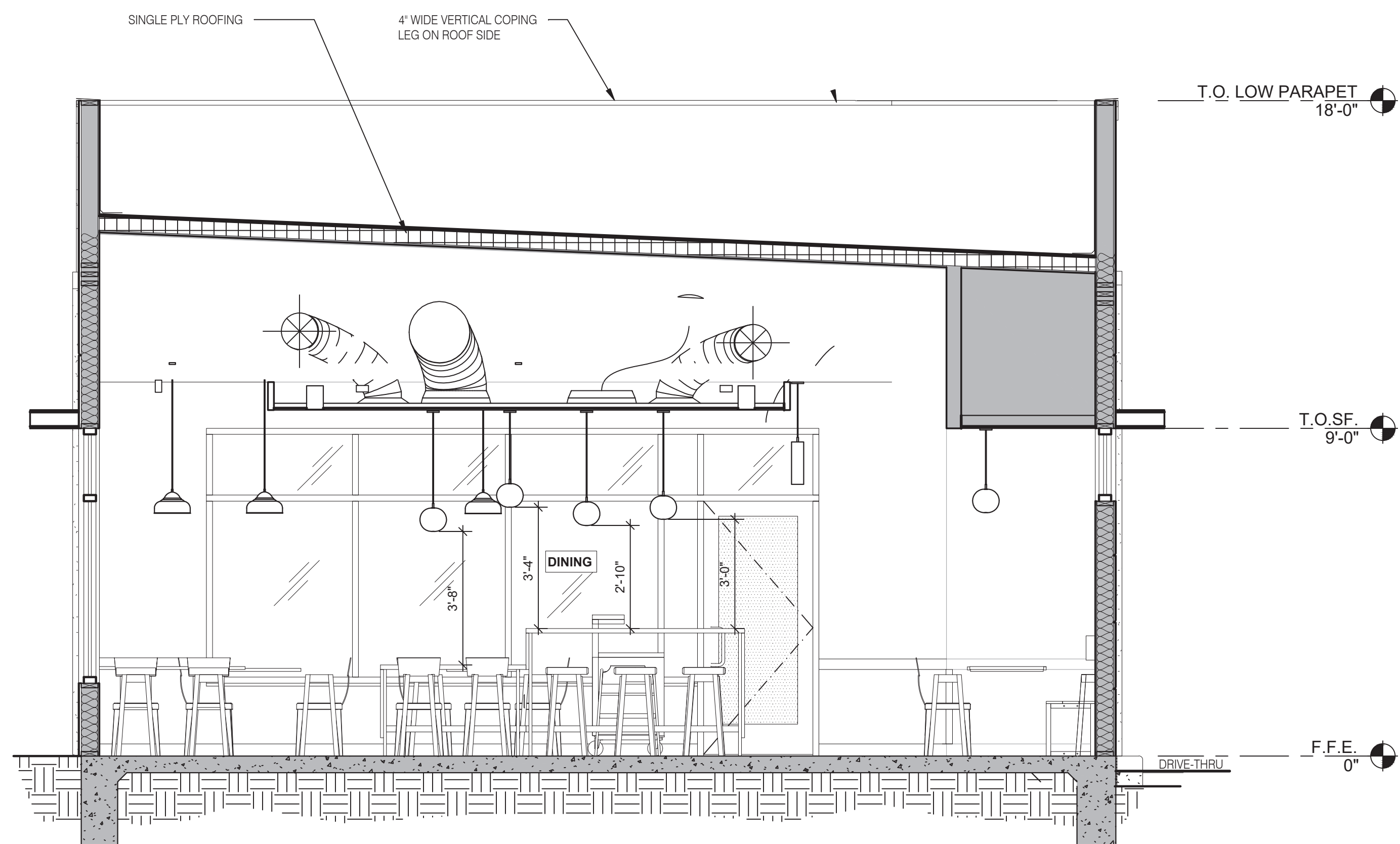
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



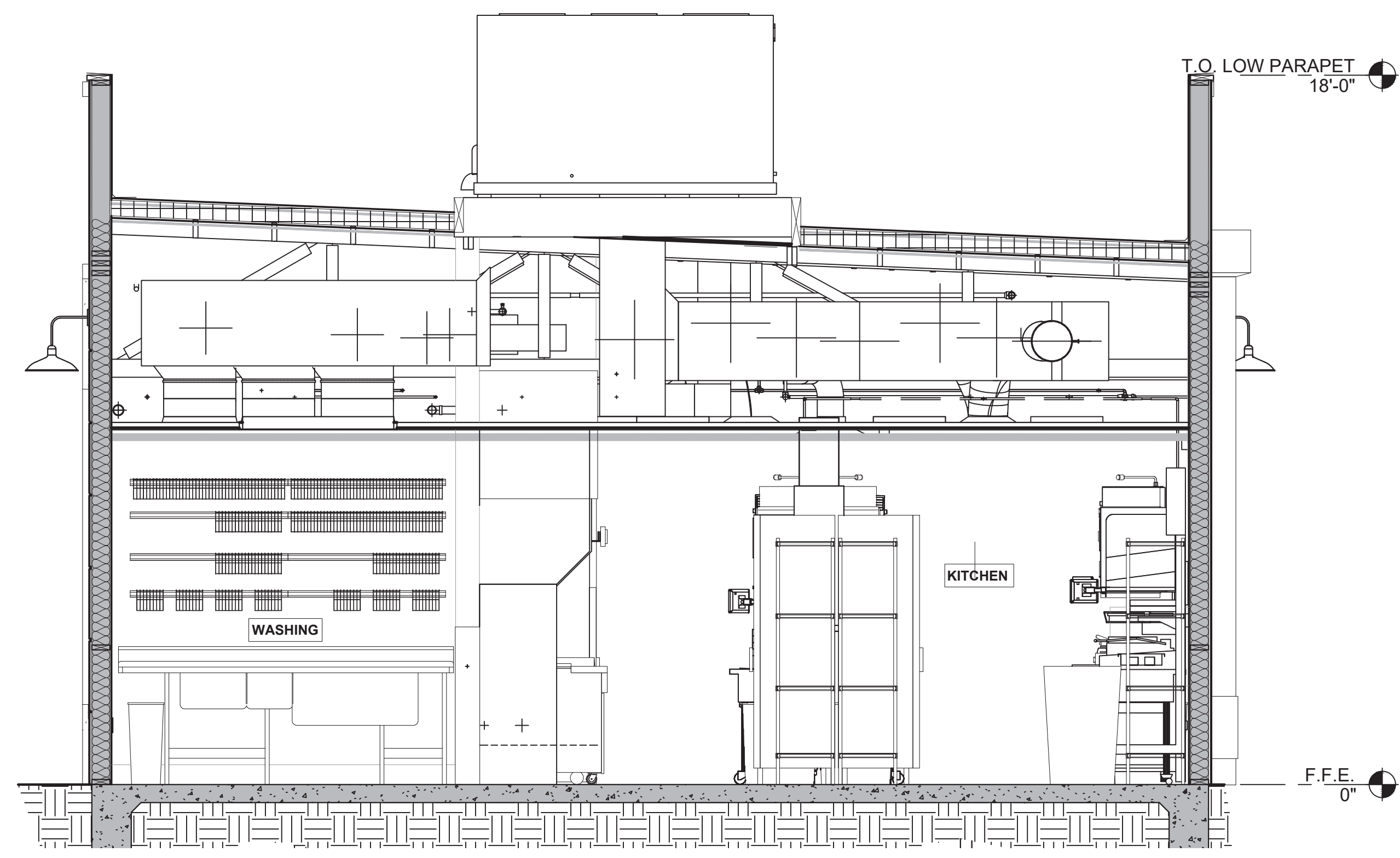
**ENDEAVOR 2.0**  
**BUILDING**  
**SECTIONS**

**A5.0**

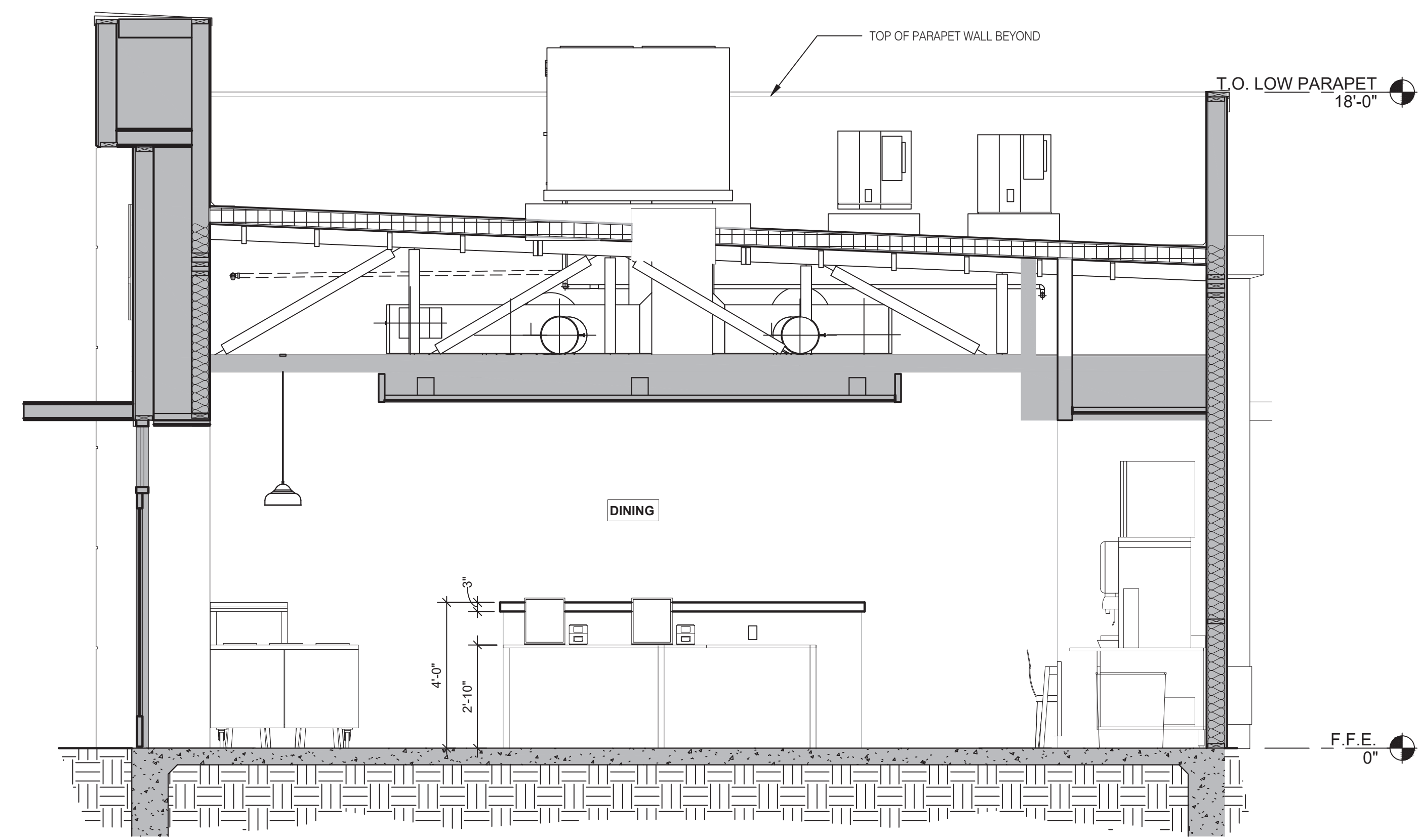
PLOT DATE: 6/23/2022



**BUILDING SECTION 5** 3/8" = 1'-0" **A**



**BUILDING SECTION 4** 3/8" = 1'-0" **D**



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



**L+A**  
**ARCHITECTS**  
**INC. A.I.A.**  
 441 S. LIVERNOIS ROAD  
 SUITE 265  
 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:  
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:  
 DRAWN BY.:  
 JOB NO.:

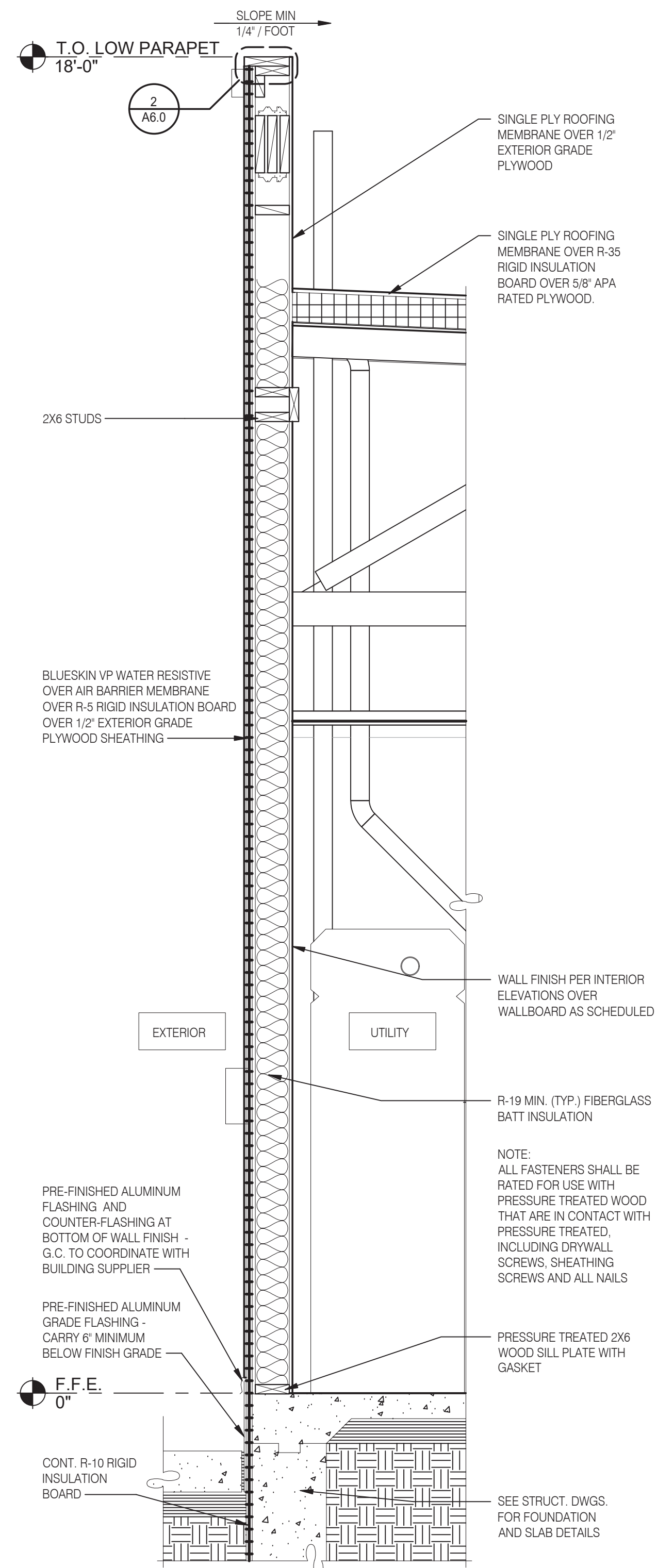
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



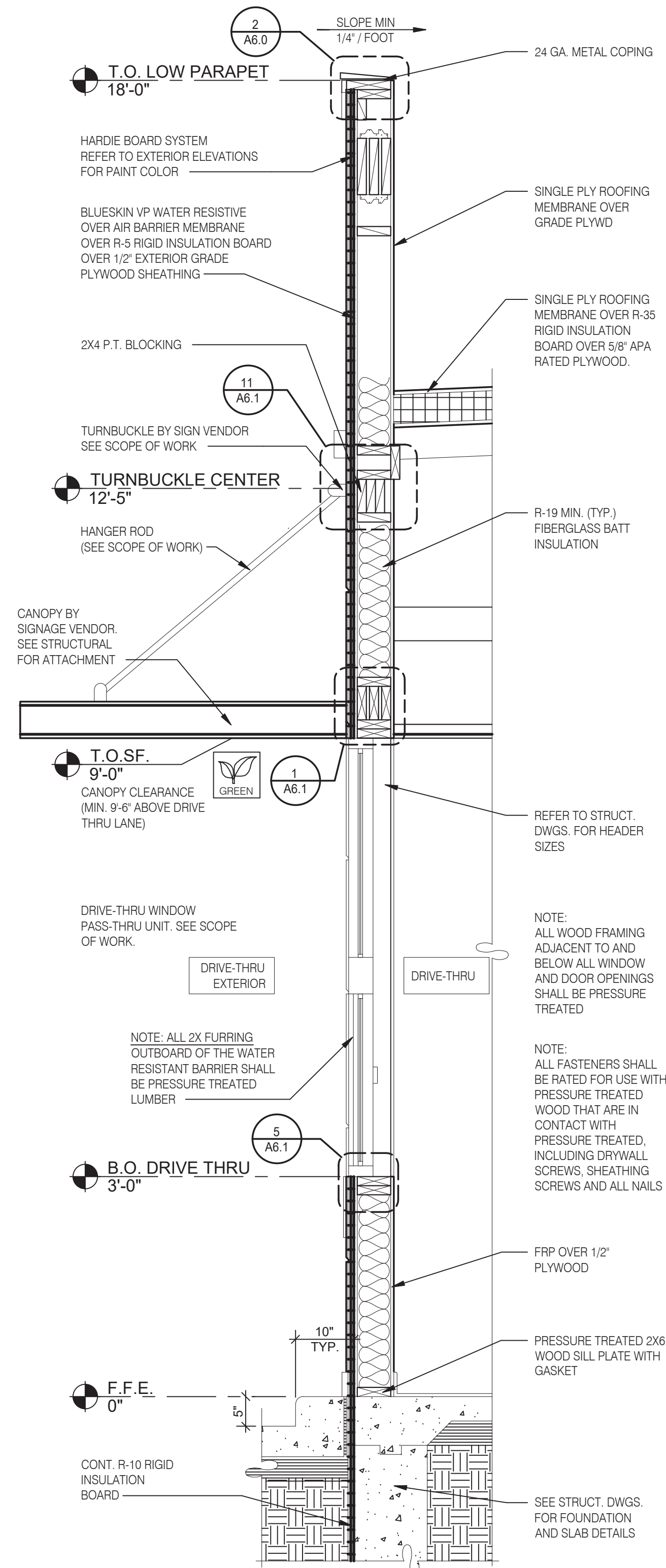
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**BUILDING**  
**SECTIONS**

**A5.1**

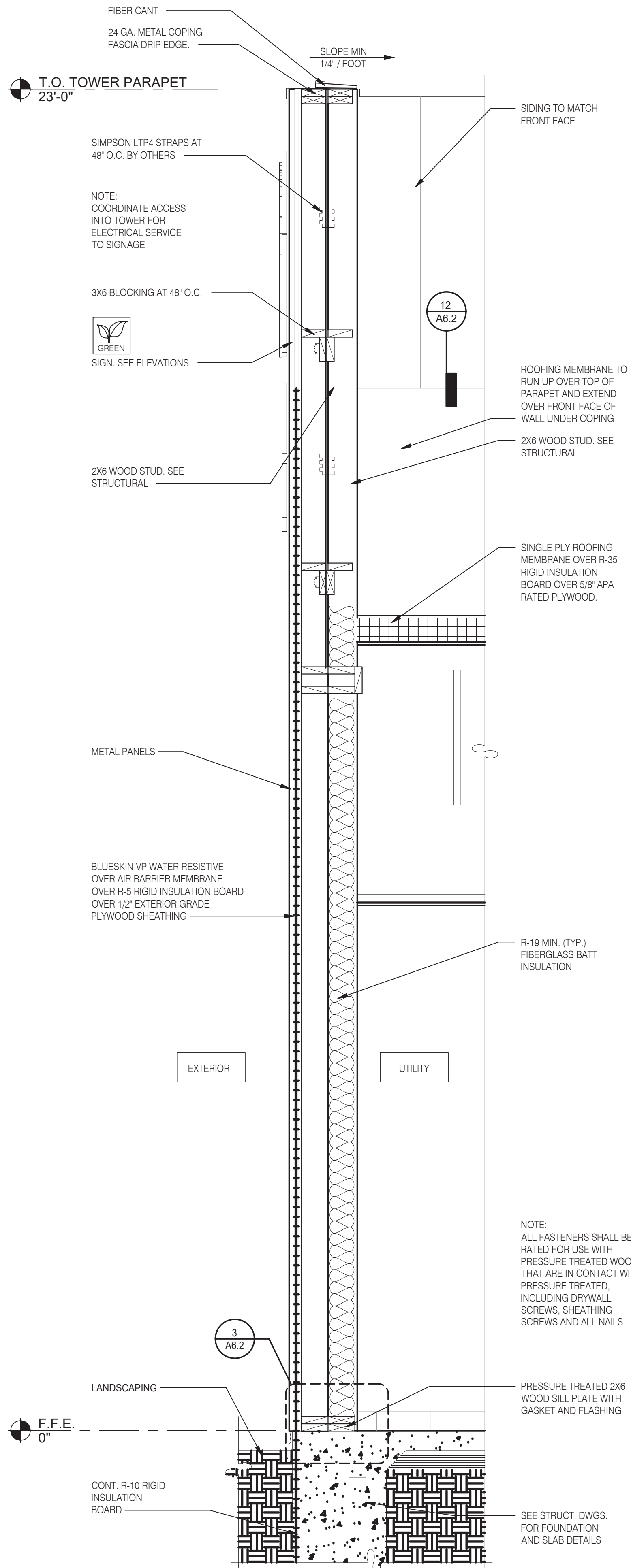
PLOT DATE: 6/23/2022



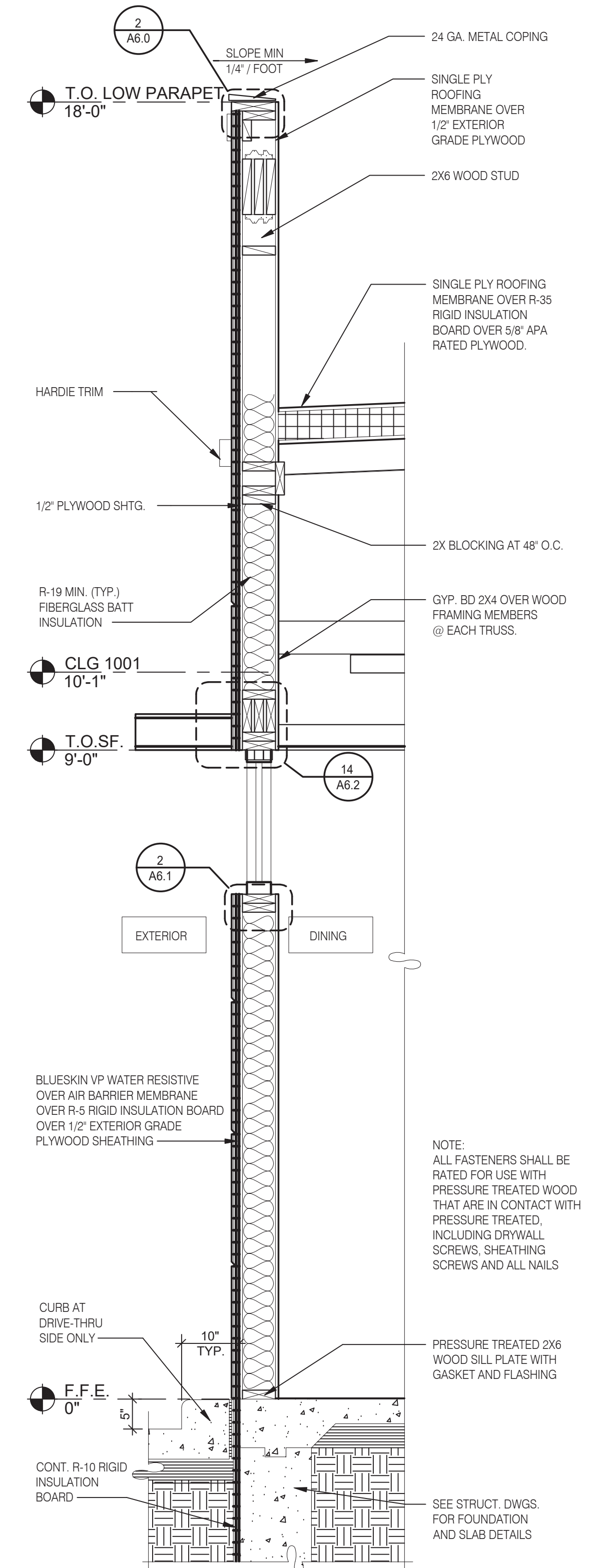
TYPICAL WALL SECTION 3/4" = 1'-0" D



WALL SECTION AT DRIVE THRU 3/4" = 1'-0" C



SECTION AT DINING - TOWER 3/4" = 1'-0" B



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



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 STORE NUMBER:                    458993  
 PA/PM:                                  
 DRAWN BY:                              
 JOB NO.:                               

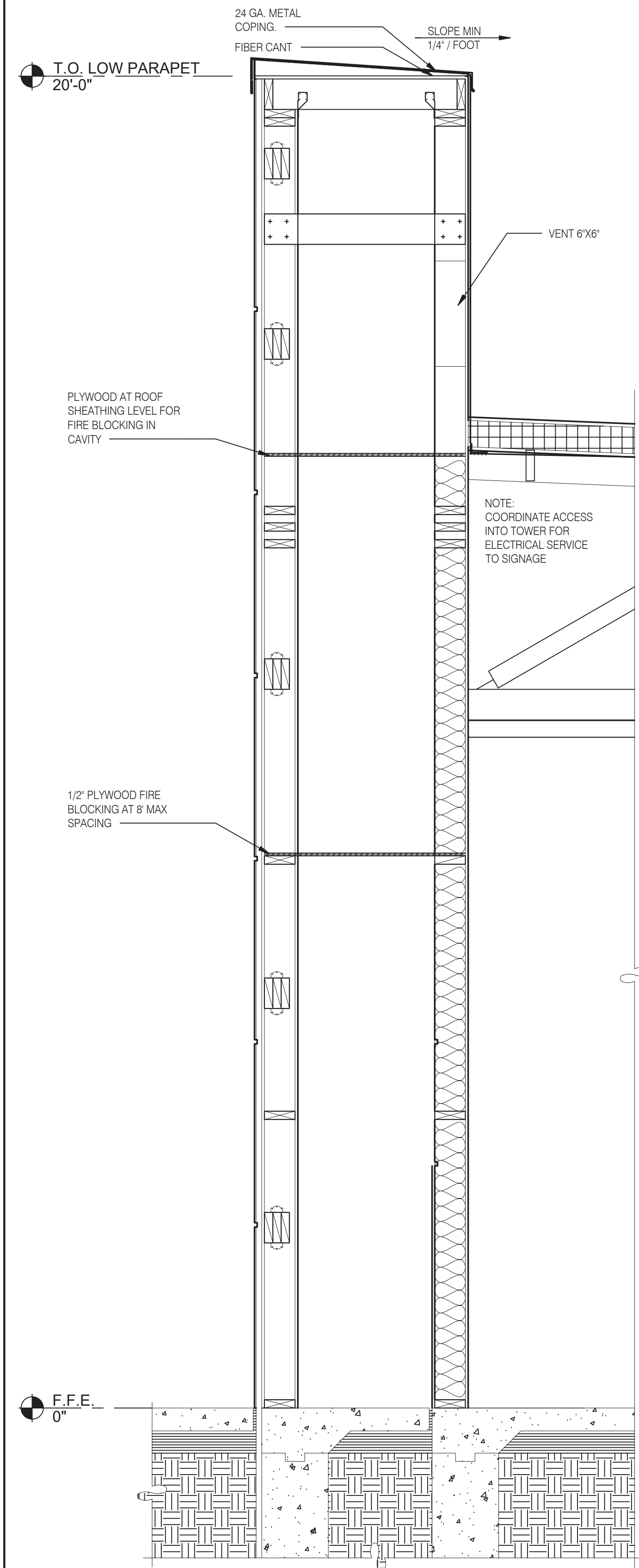
**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



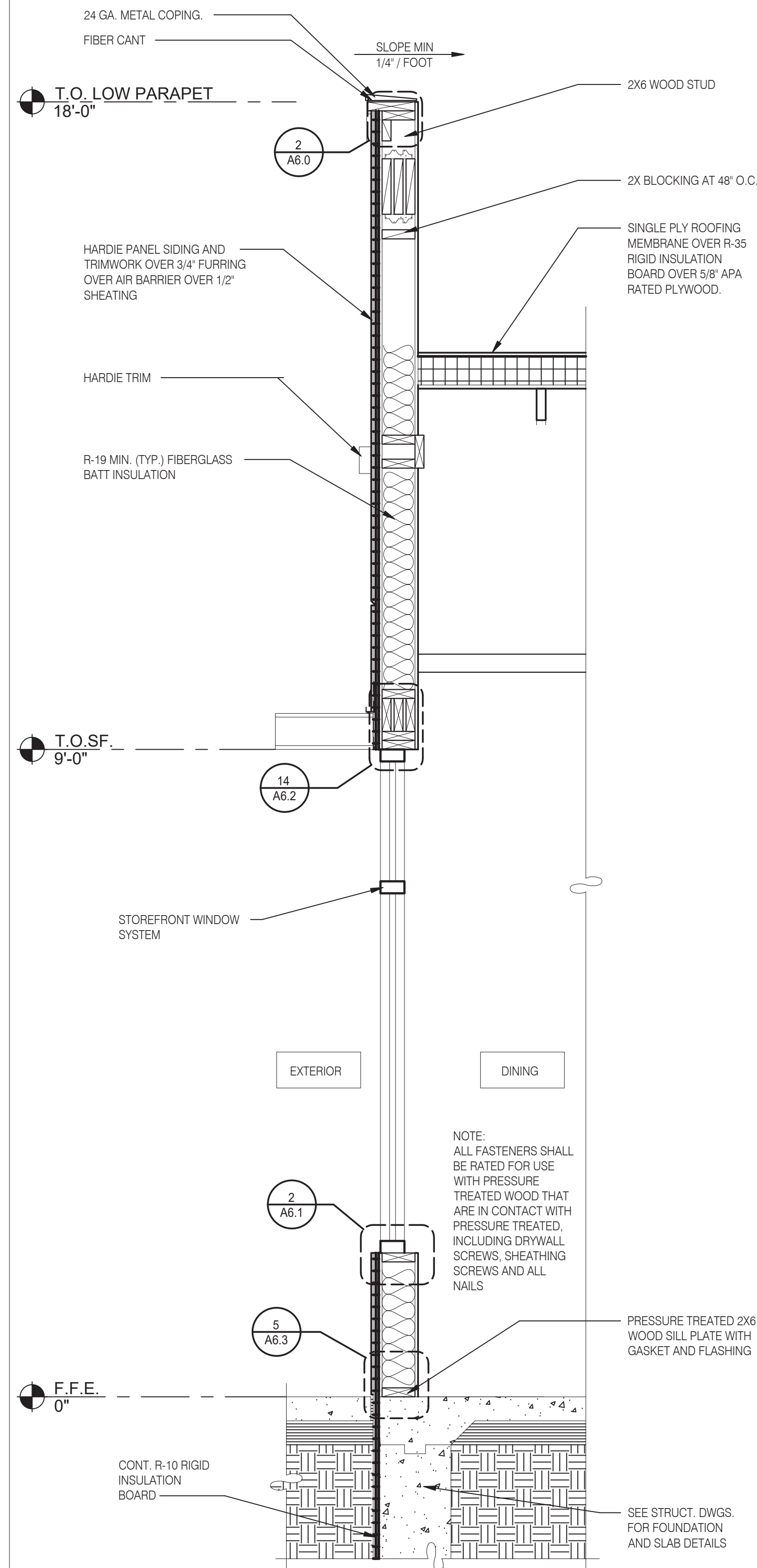
**ENDEAVOR 2.0 WALL SECTIONS**

**A5.2**

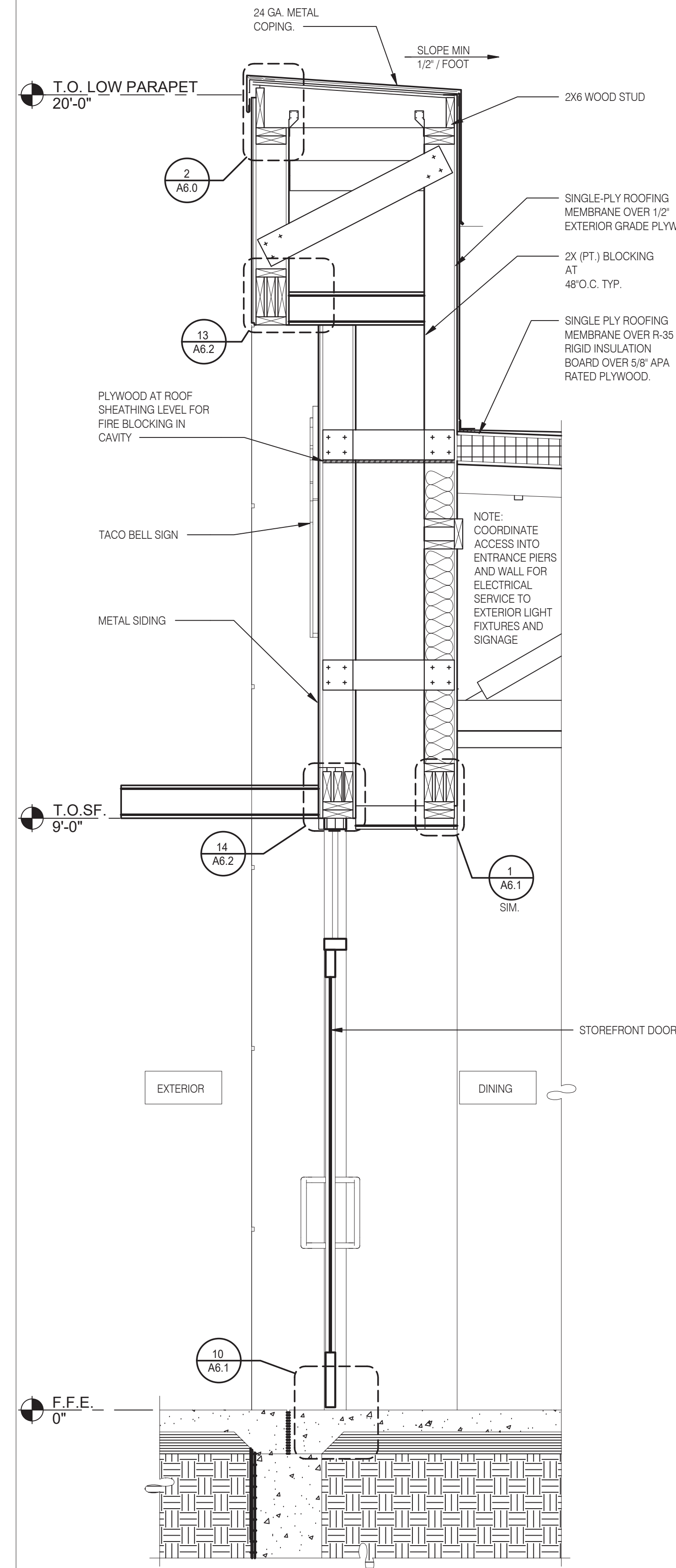
PLOT DATE: 6/23/2022



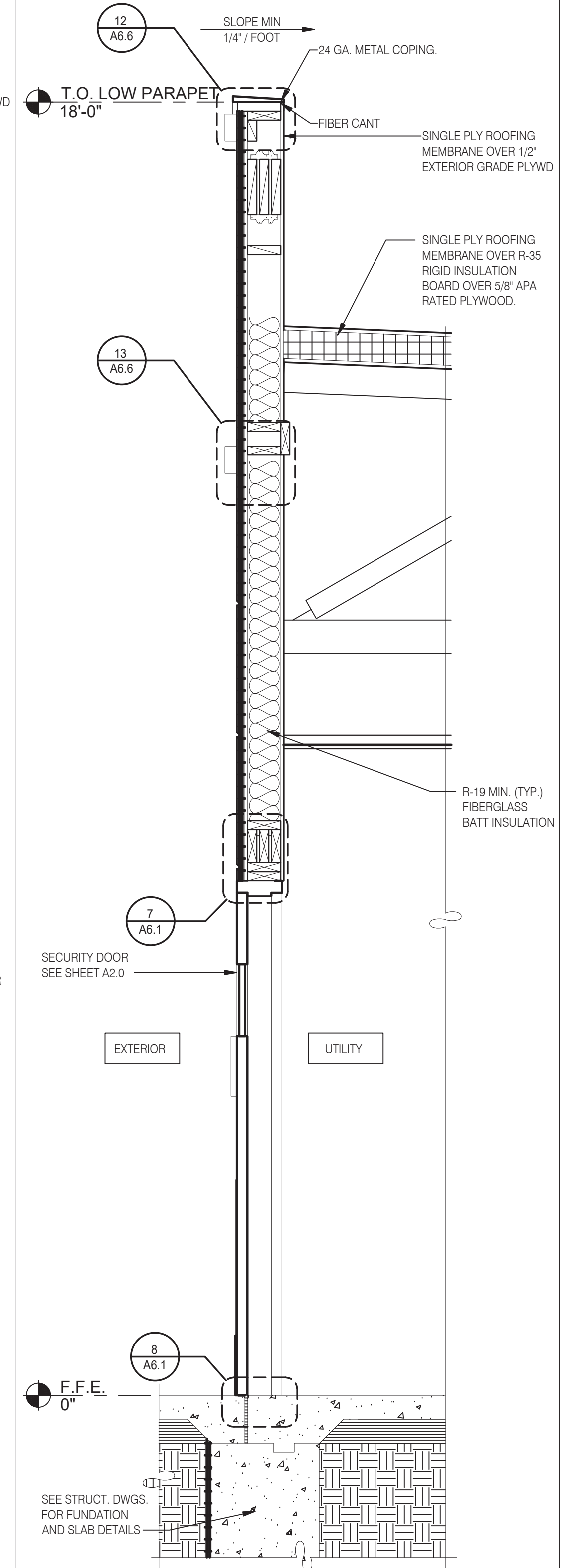
FRONT WALL SECTION 3/4" = 1'-0" D



FRONT WALL SECTION 3/4" = 1'-0" C



WALL SECTION AT DINING DOOR 3/4" = 1'-0" B



WALL SECTION AT SERVICE DOOR 3/4" = 1'-0" A



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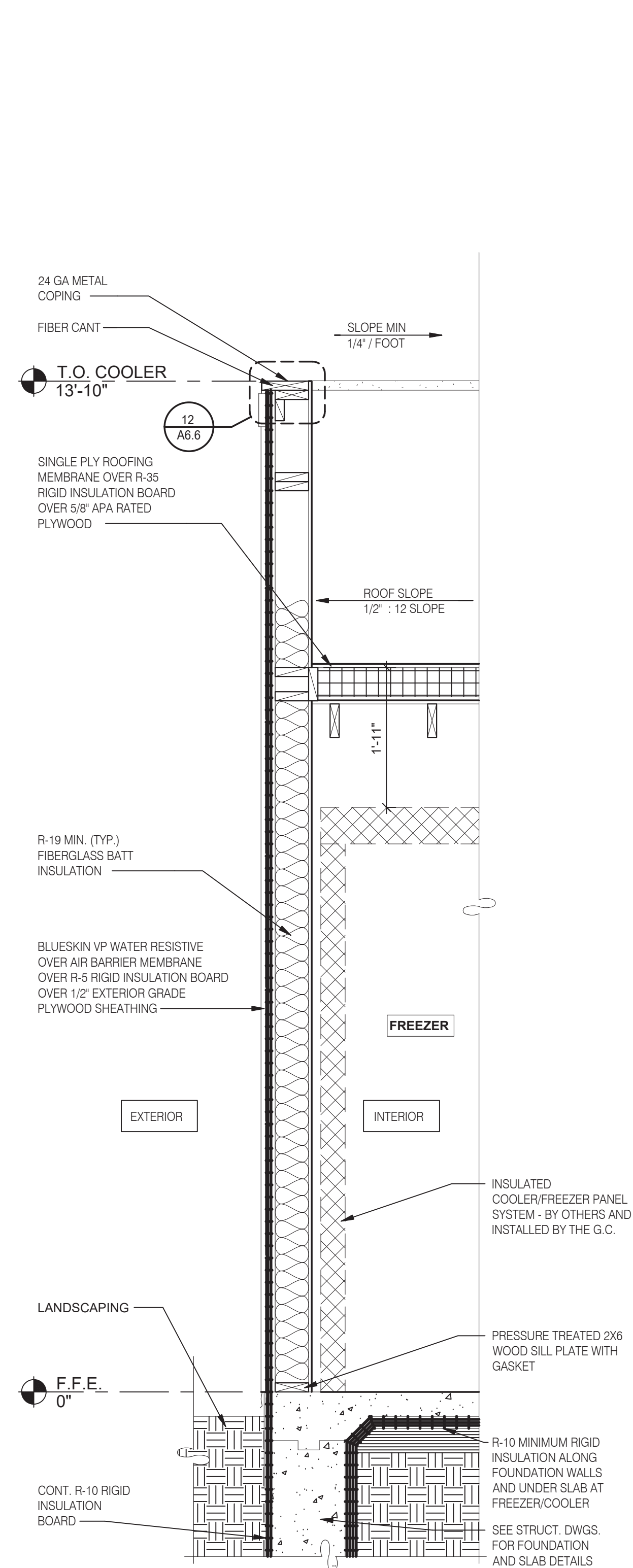
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



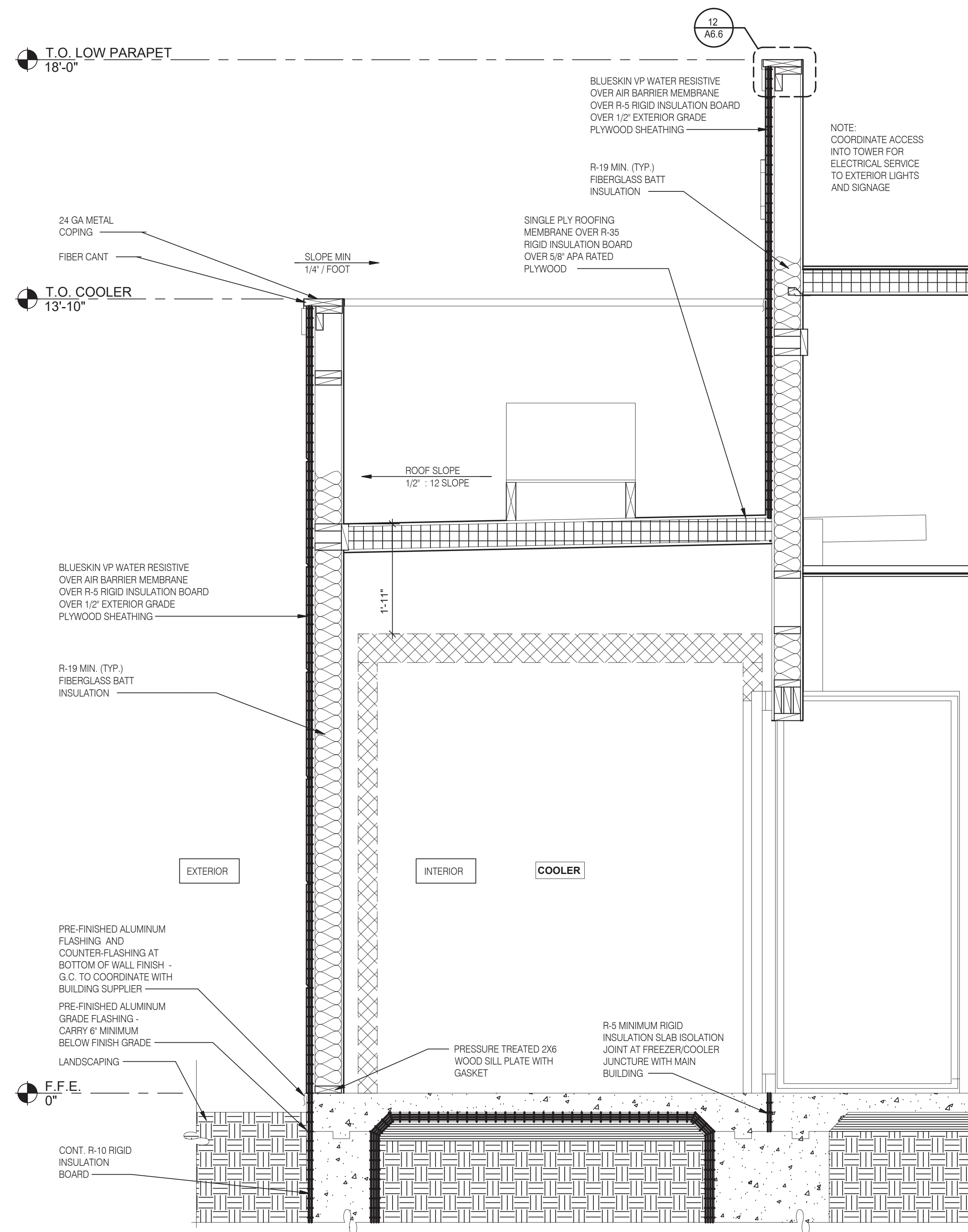
**ENDEAVOR 2.0**  
**WALL**  
**SECTIONS**

**A5.3**

PLOT DATE: 6/23/2022



WALL SECTION 3/4" = 1'-0" **B**



WALL SECTION AT COOLER 3/4" = 1'-0" **A**



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 JOB NO.:

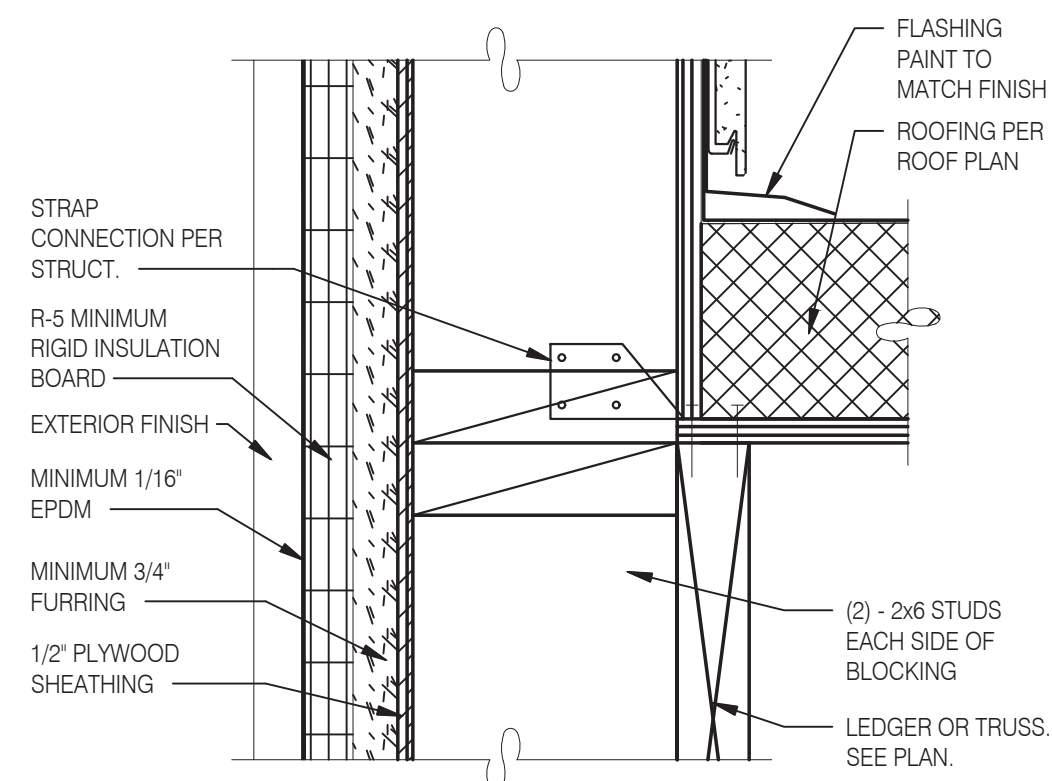
**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



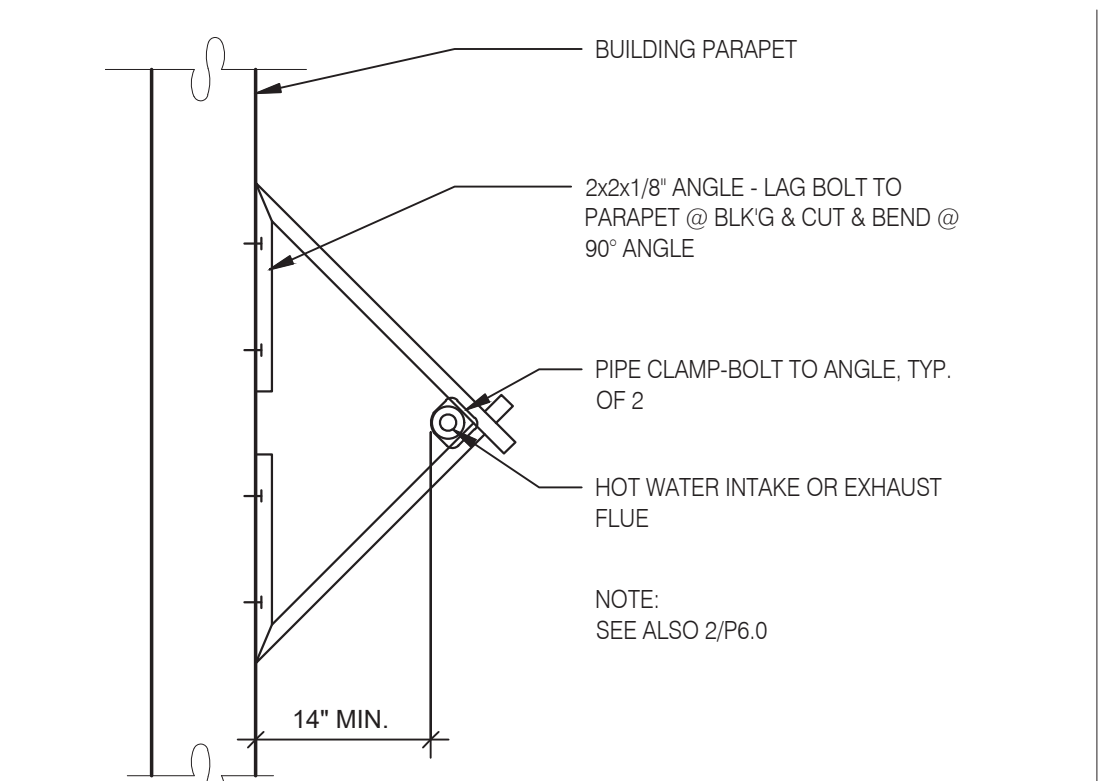
**ENDEAVOR 2.0**  
**WALL**  
**SECTIONS**

**A5.4**

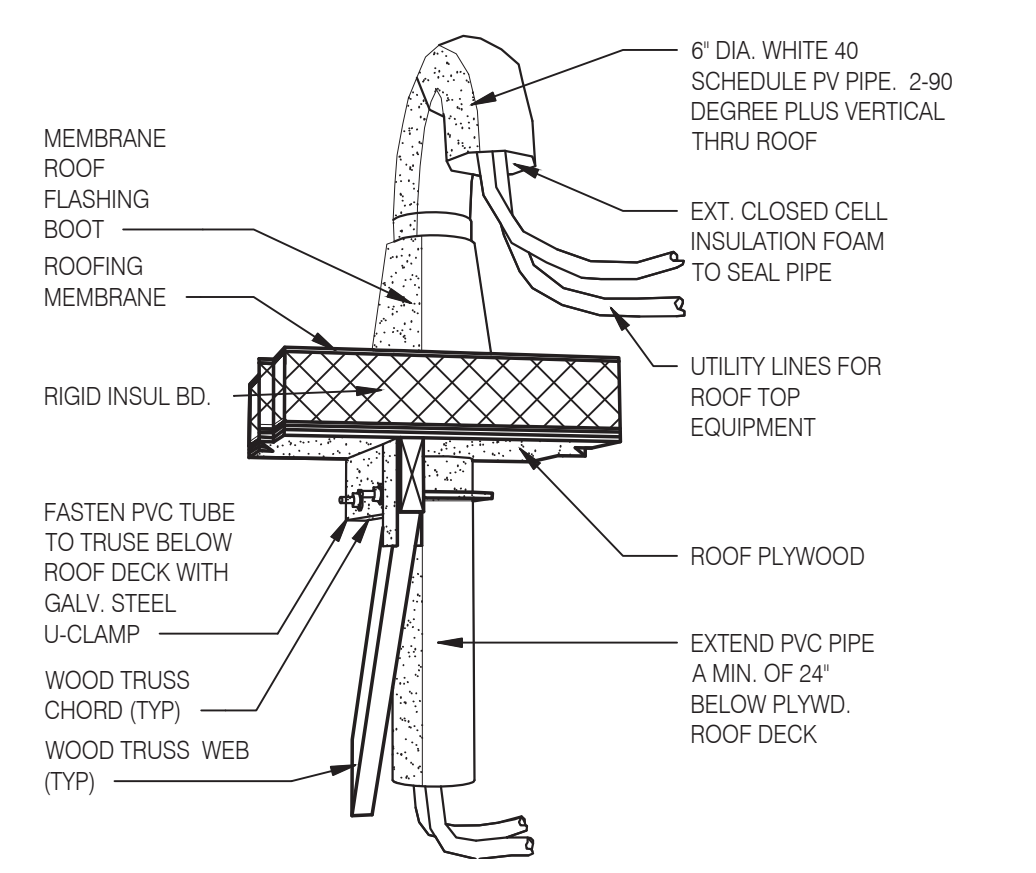
PLOT DATE: 6/23/2022



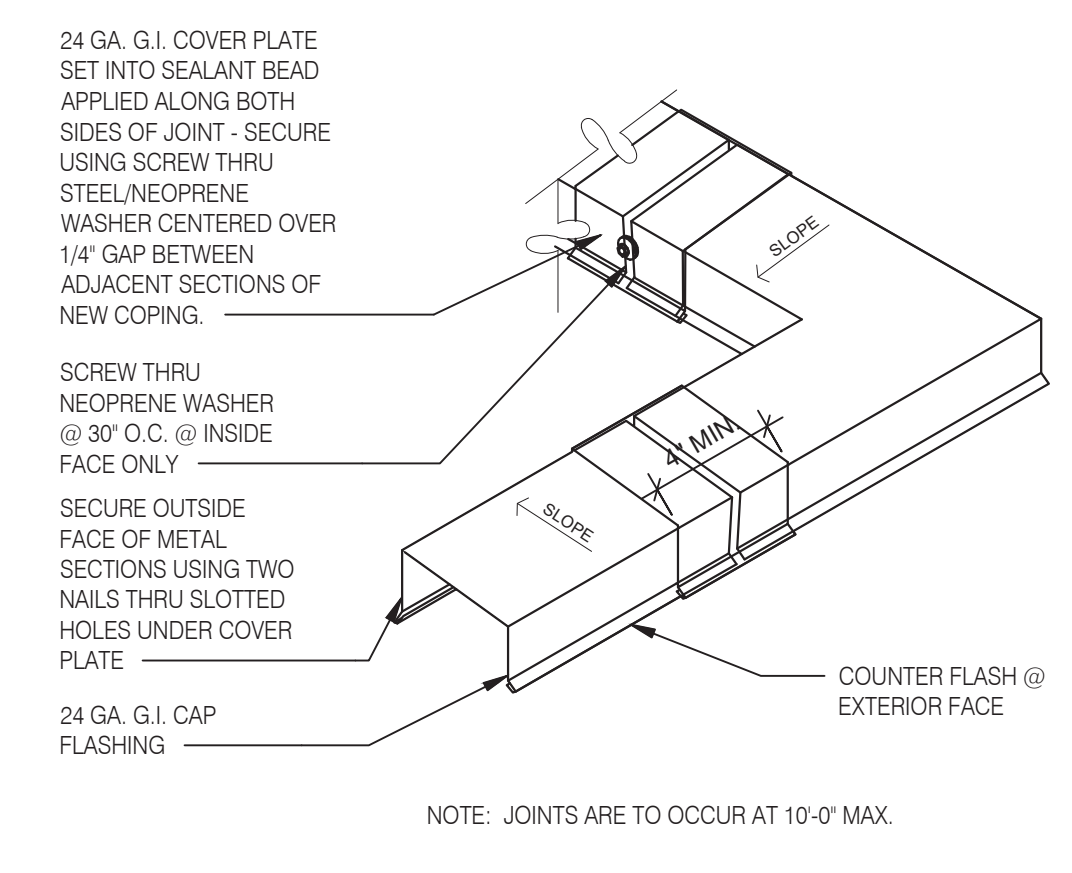
**CON. @ STUD AND @ BLOCKING** 3" = 1'-0" **17**



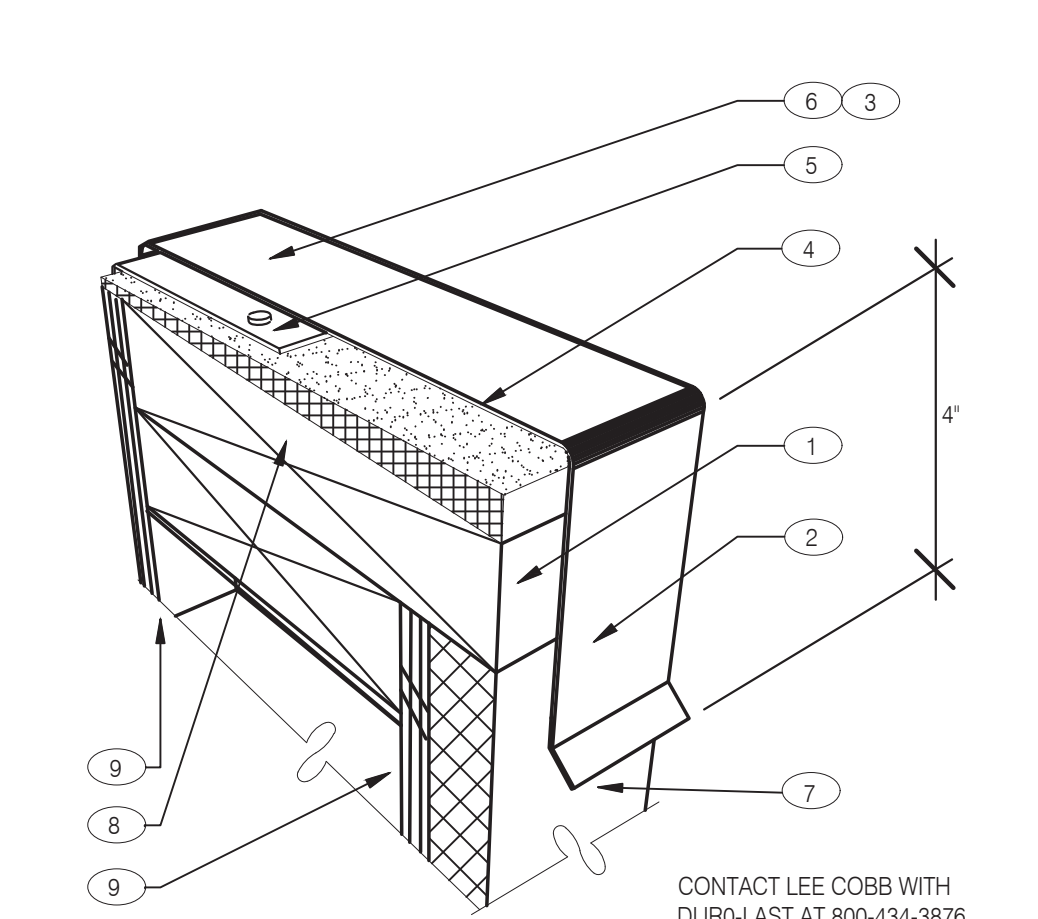
**W.H. FLU / INTAKEN PIPE SUPPORT** 3" = 1'-0" **13**



**PIPE HOOD** N.T.S. **9**

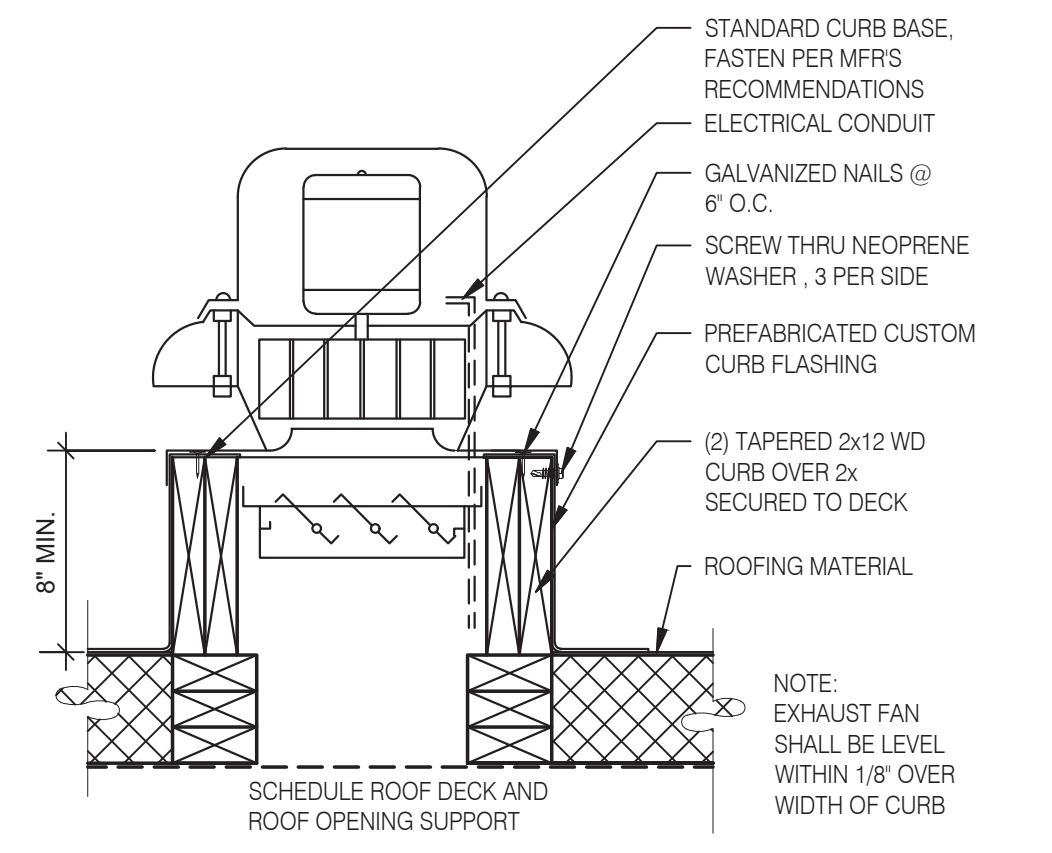


**COPING JOINT** N.T.S. **5**

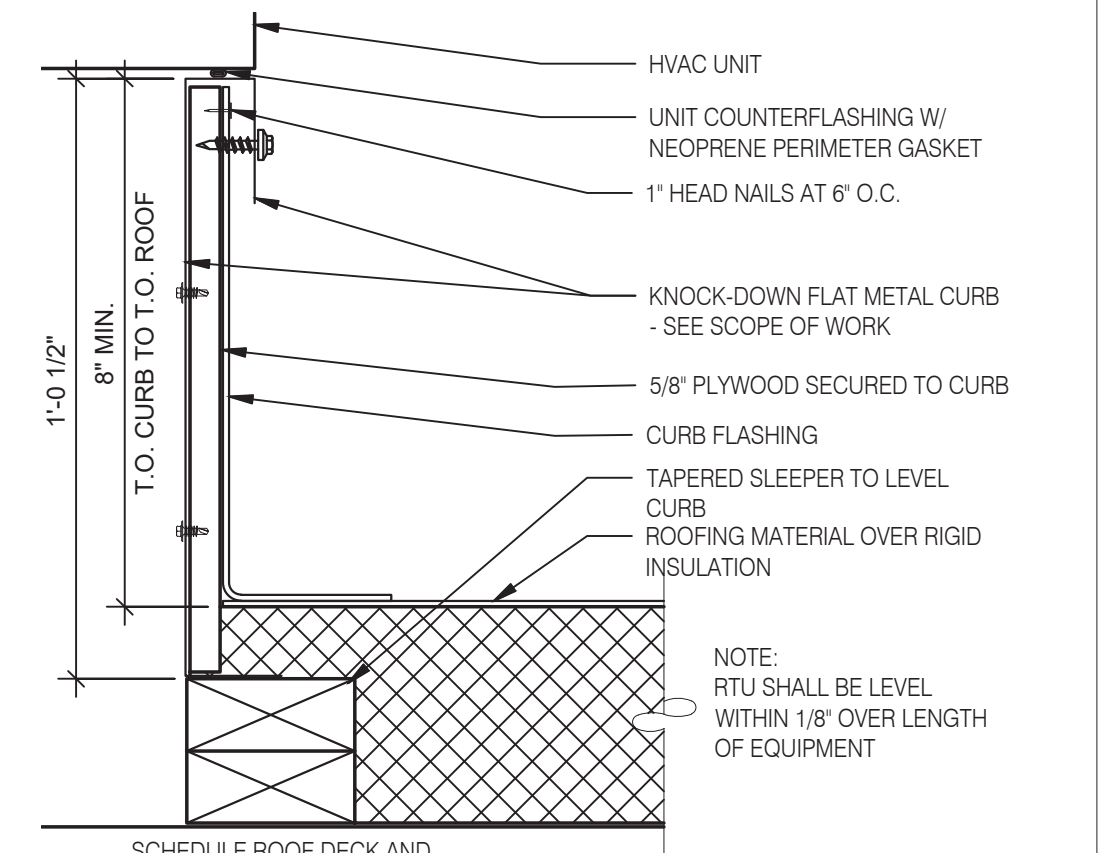


**PARAPET CAP** N.T.S. **2**

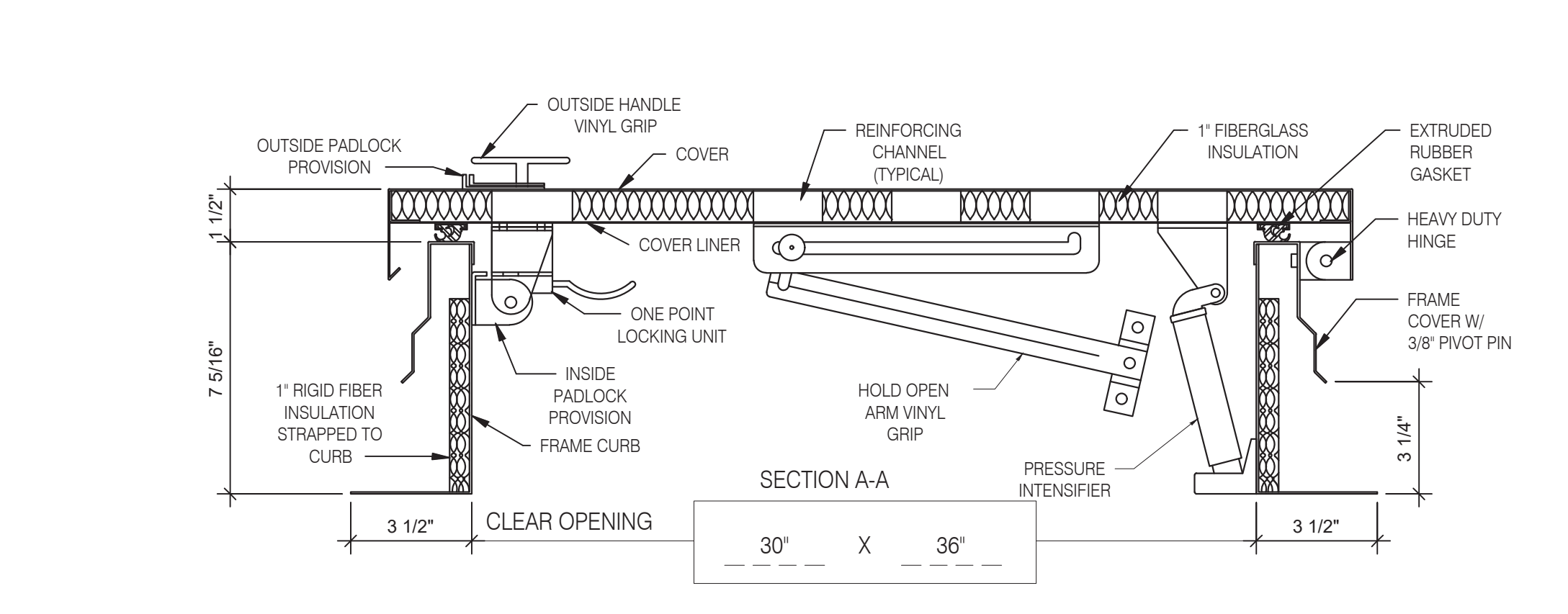
- NOTES**
- 1 PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APPROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER FASTENING.
  - 2 FASTENERS USED TO ATTACH THE COPING TO WOOD NAILERS, MUST BE SPACED NO GREATER THAN 18" INCHES ON CENTER.
  - 3 ALLOW FOR 1/8" INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF COPING. PROVIDE A COPING JOINT COVERS BETWEEN ENDS OF COPING PIECES AND AT CORNERS. JOINT COVERS SHOULD BE MADE FROM THE SAME MATERIAL AS THE COPING AND SHOULD LAP THE JOINTS A MINIMUM OF 6" ON EITHER SIDE. JOINT COVERS SHALL BE FASTENED THE SAME WAY AS THE COPING.
  - 4 FIBER CANT STRIP SLOPED 1/4:12 TOWARDS ROOF.
  - 5 ROOF MEMBRANE
  - 6 FACTORY PAINTED 24 GAUGE METAL COPING WITH 4" DROP FRONT. BACK AND ENDS (WHERE SHOWN).
  - 7 WALL FINISH: EXT. FINISH AS SCHEDULED ON A4.0
  - 8 DOUBLE 2X TOP PLATE
  - 9 PLYWOOD SUBSTRATE. SEE SHEET A1.0 & S2.0 FOR ADDITIONAL DETAILS



**EXHAUST FAN CURB** 3" = 1'-0" **18**



**HVAC CURB** 3" = 1'-0" **14**

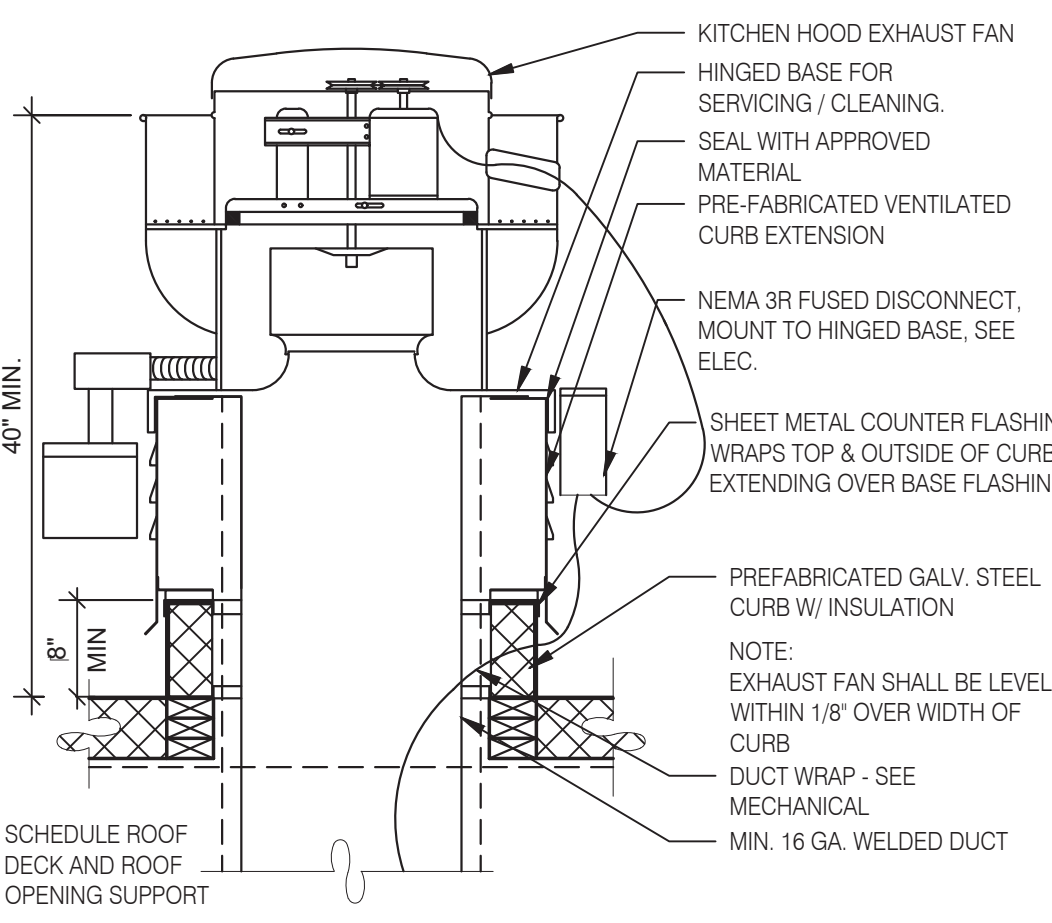


**HATCH MATERIAL:**  
 GALVANIZED STEEL (PRIME PAINTED)  
 COVER - 14 GA. GALV STEEL  
 FRAME COVER - 14 GA. GALV STEEL  
 FRAME CURB - 14 GA. GALV STEEL  
 COVER LINER - 22 GA. GALV STEEL

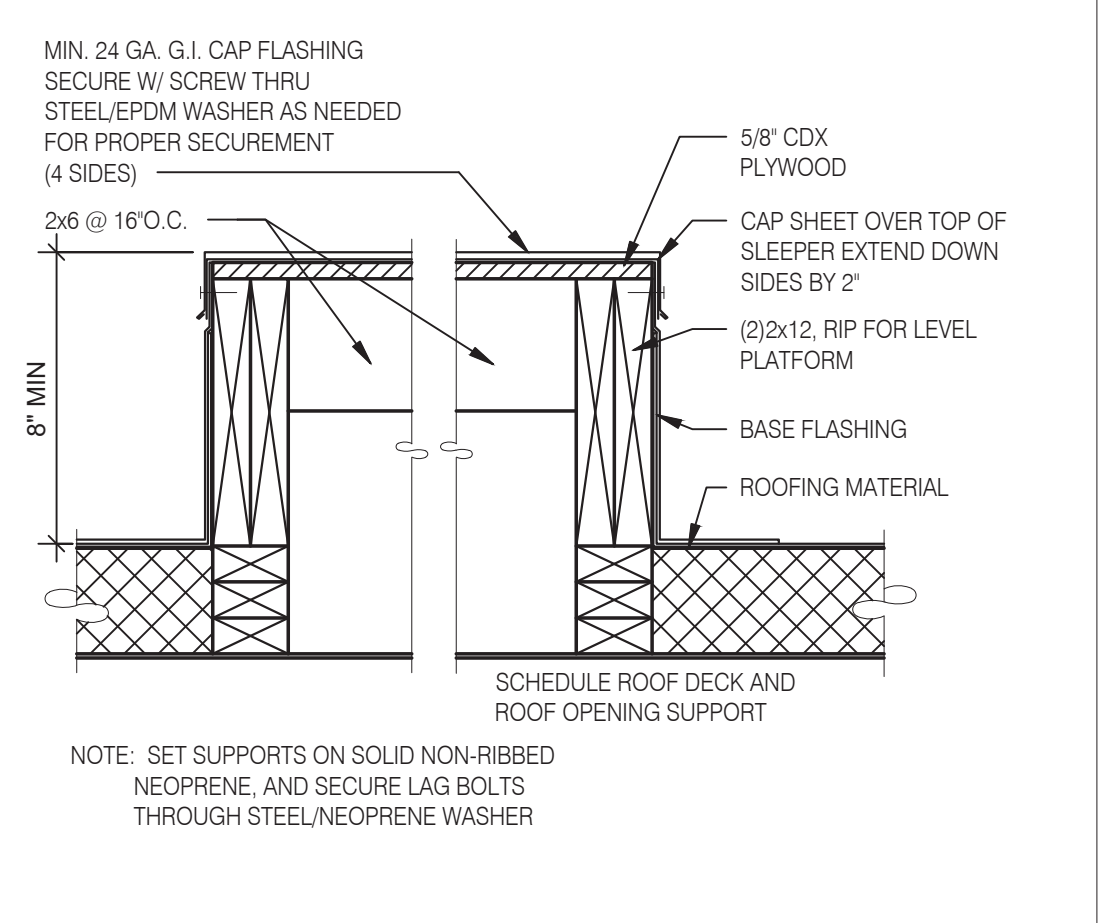
**HATCH FINISH:**  
 GALV - PRIME PAINTED

**MANUFACTURER:**  
 PRECISION LADDERS, LLC OR EQUAL

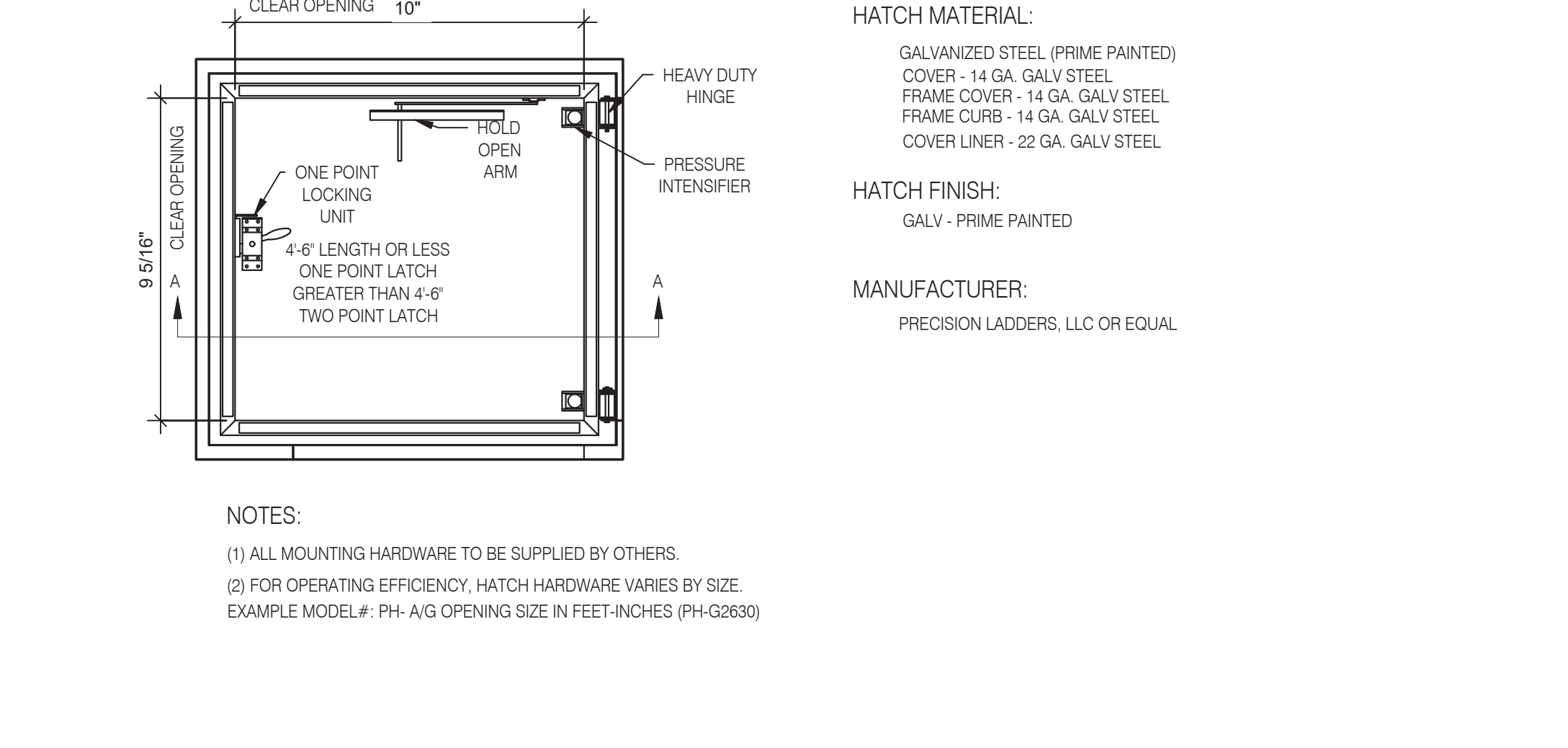
- NOTES:**
- (1) ALL MOUNTING HARDWARE TO BE SUPPLIED BY OTHERS.
  - (2) FOR OPERATING EFFICIENCY, HATCH HARDWARE VARIES BY SIZE. EXAMPLE MODEL#: PH-AVG OPENING SIZE IN FEET-INCHES (PH-G2630)



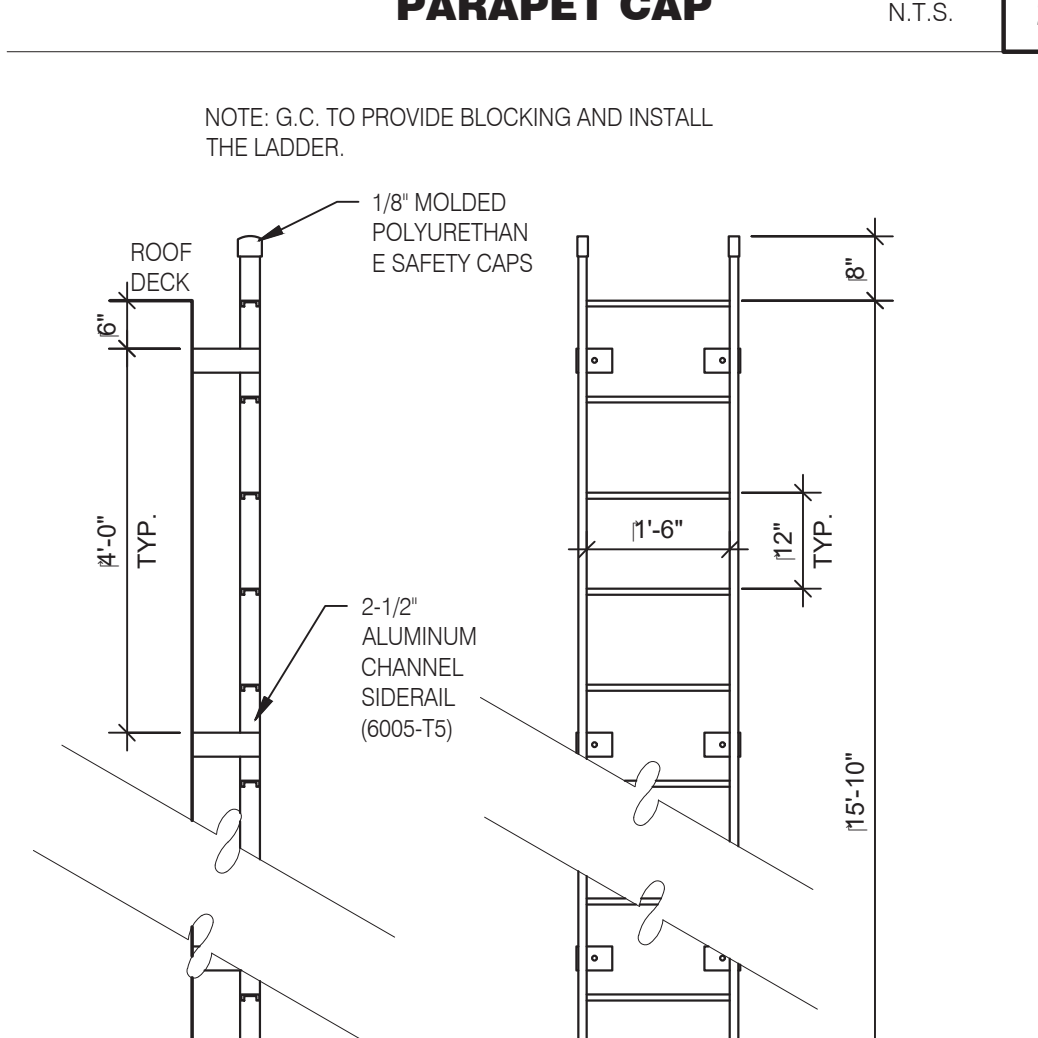
**EXHAUST FAN CURB** 3" = 1'-0" **19**



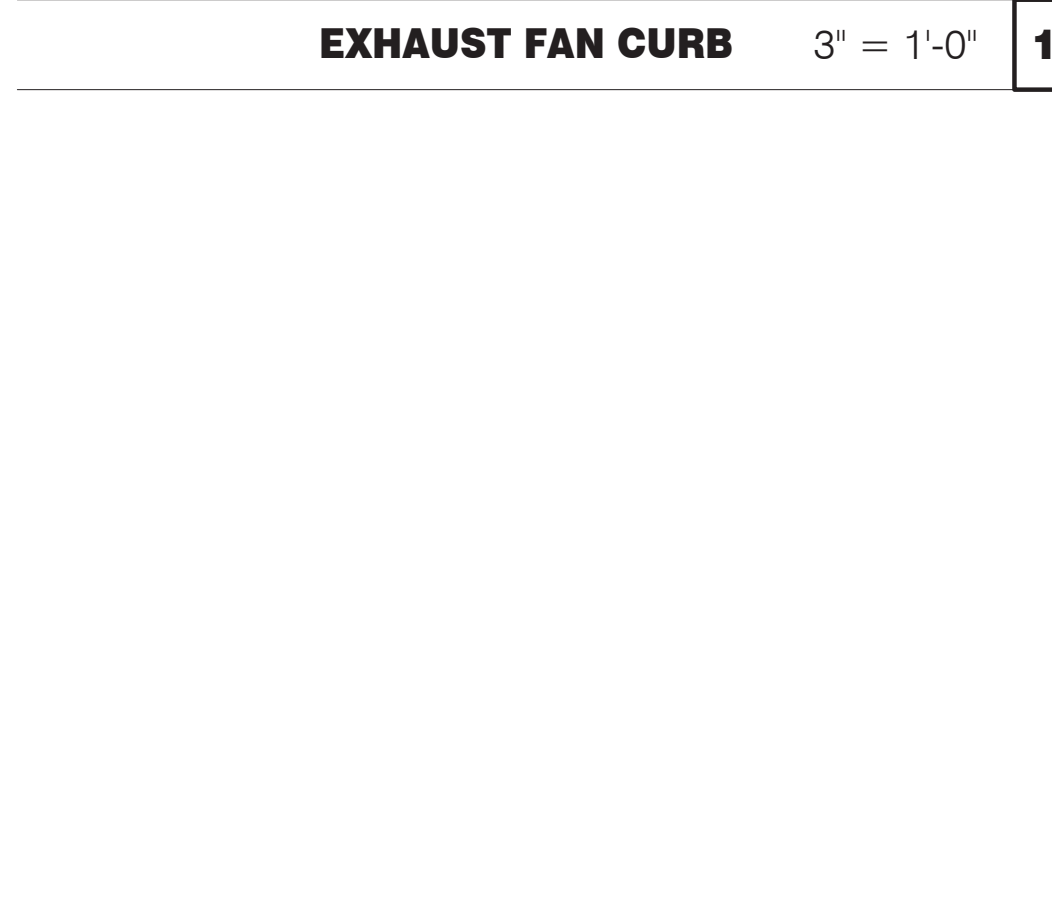
**EQUIPMENT PLATFORM SUPPORT** 3" = 1'-0" **15**



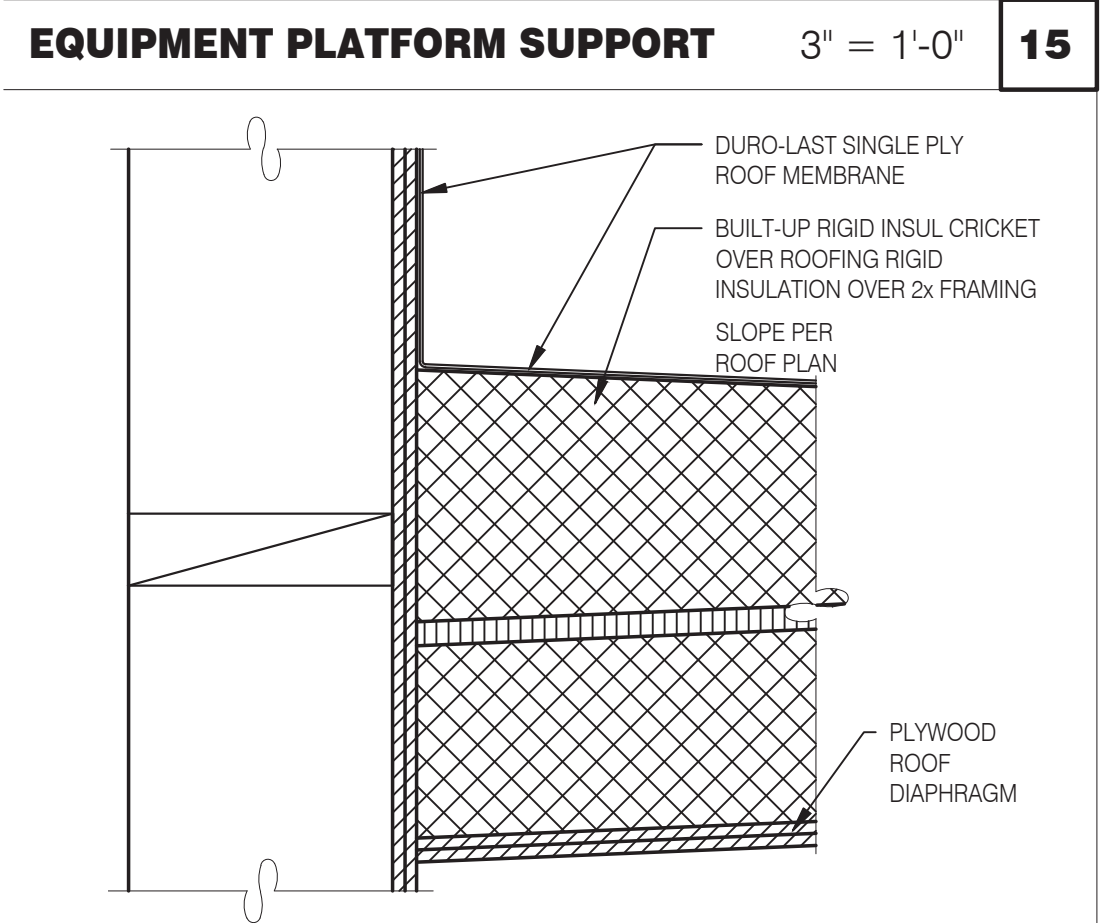
**ROOF LADDER AND HATCH** 3" = 1'-0" **7**



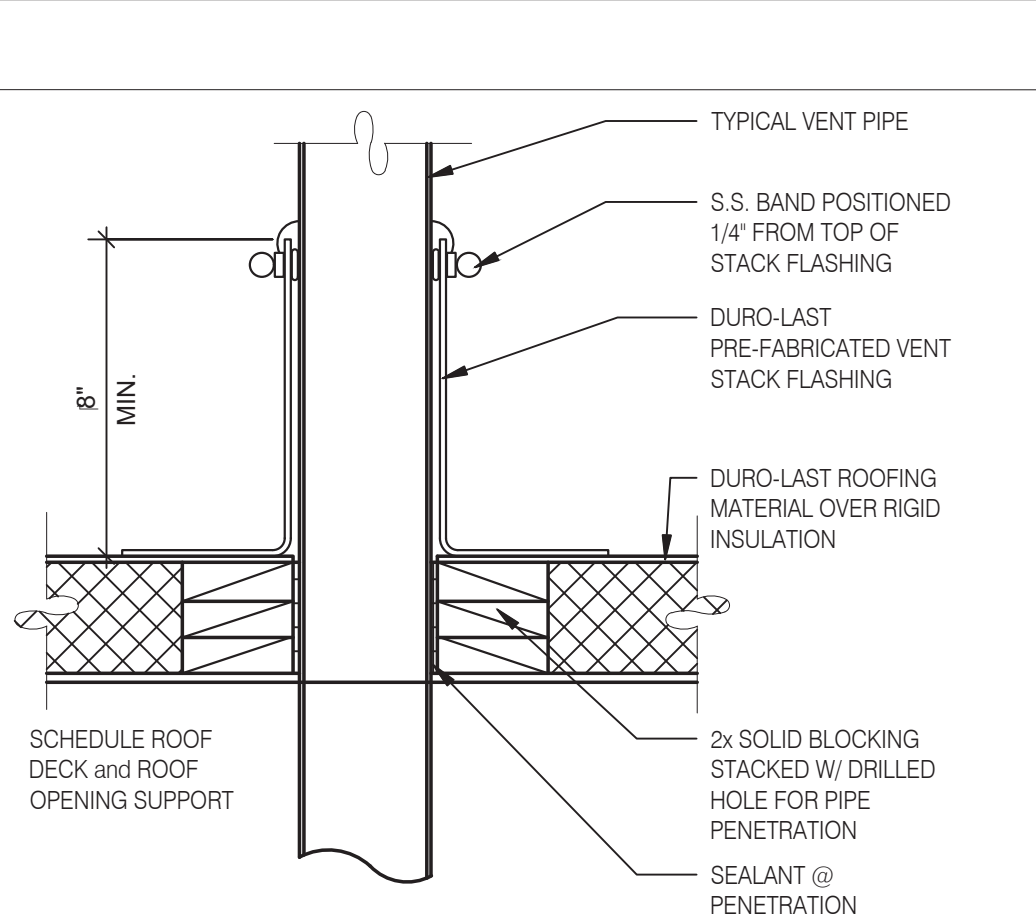
**ROOF LADDER** N.T.S. **4**



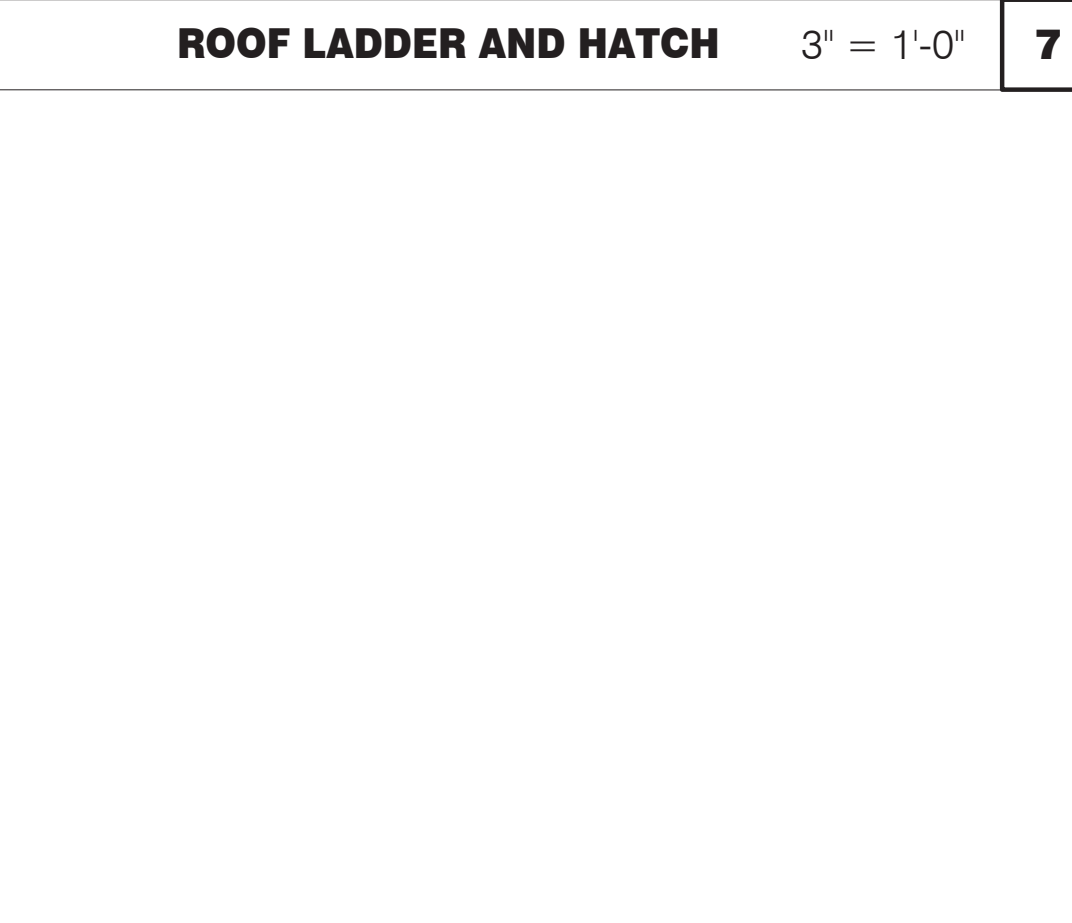
**EXHAUST FAN CURB** 3" = 1'-0" **19**



**CRICKET** 3" = 1'-0" **16**



**SEALED PIPE FLASHING** 3" = 1'-0" **12**



**ROOF LADDER** N.T.S. **4**



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 PROJECT # 22002

DATE	REMARKS

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**PLAN VERSION:** MARCH 2021  
**BRAND DESIGNER:**  
**SITE NUMBER:** 315876  
**STORE NUMBER:** 458993  
**PA/PM:**  
**DRAWN BY:.**  
**JOB NO.:**

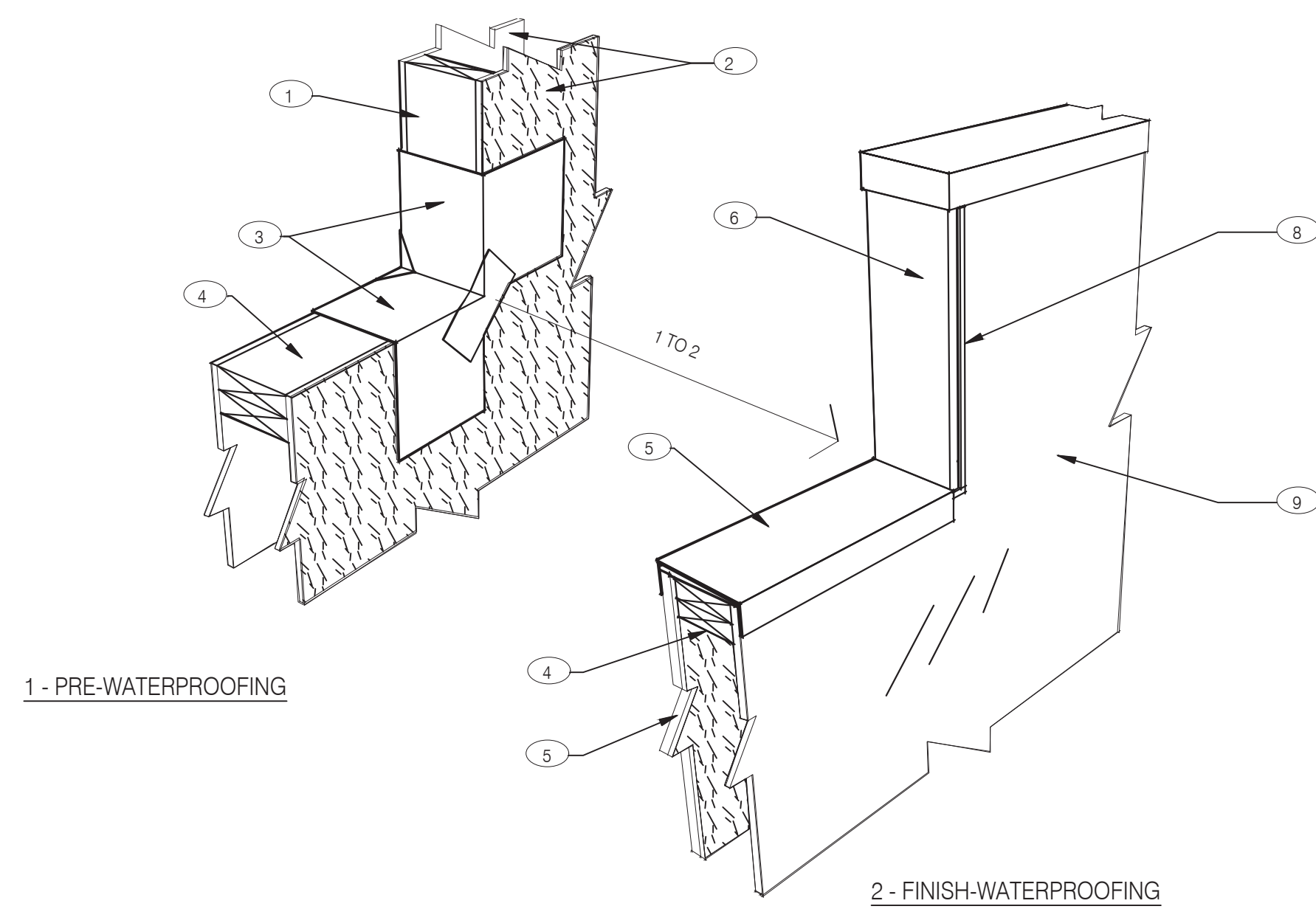
**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0 CONSTRUCTION DETAILS ROOF**

**A6.0**

**PLOT DATE:** 6/23/2022

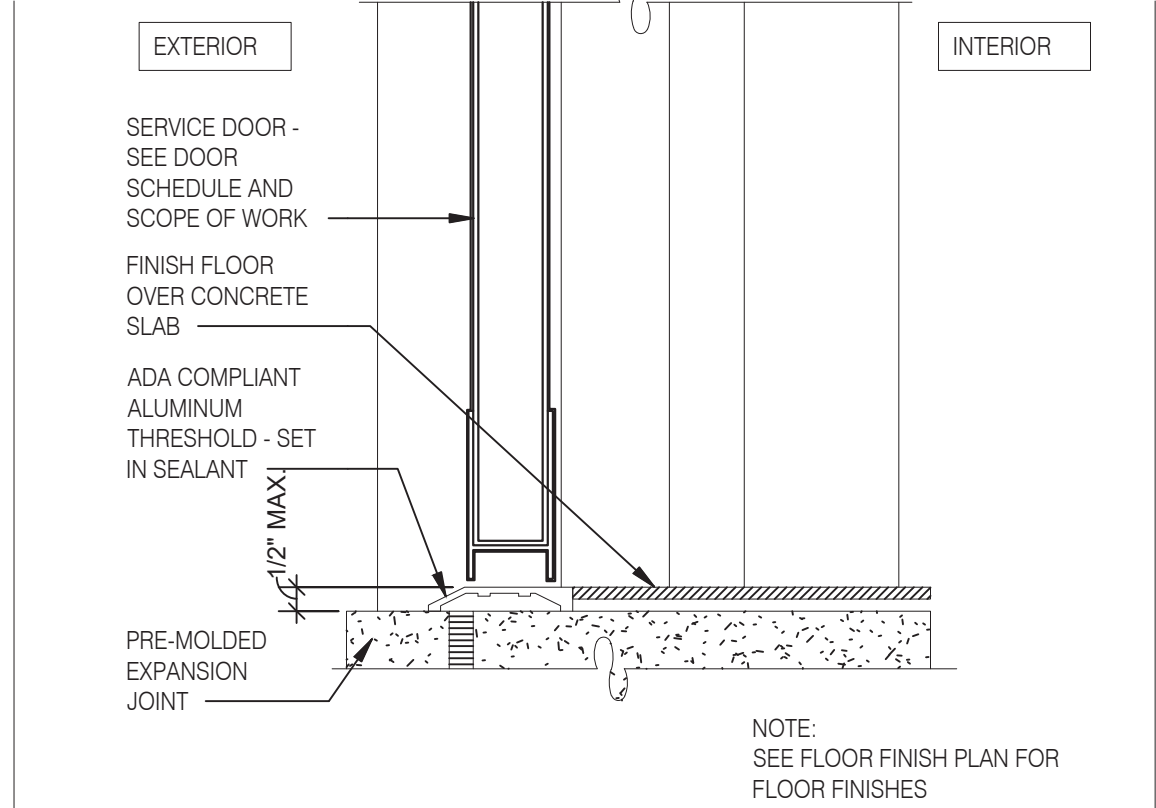
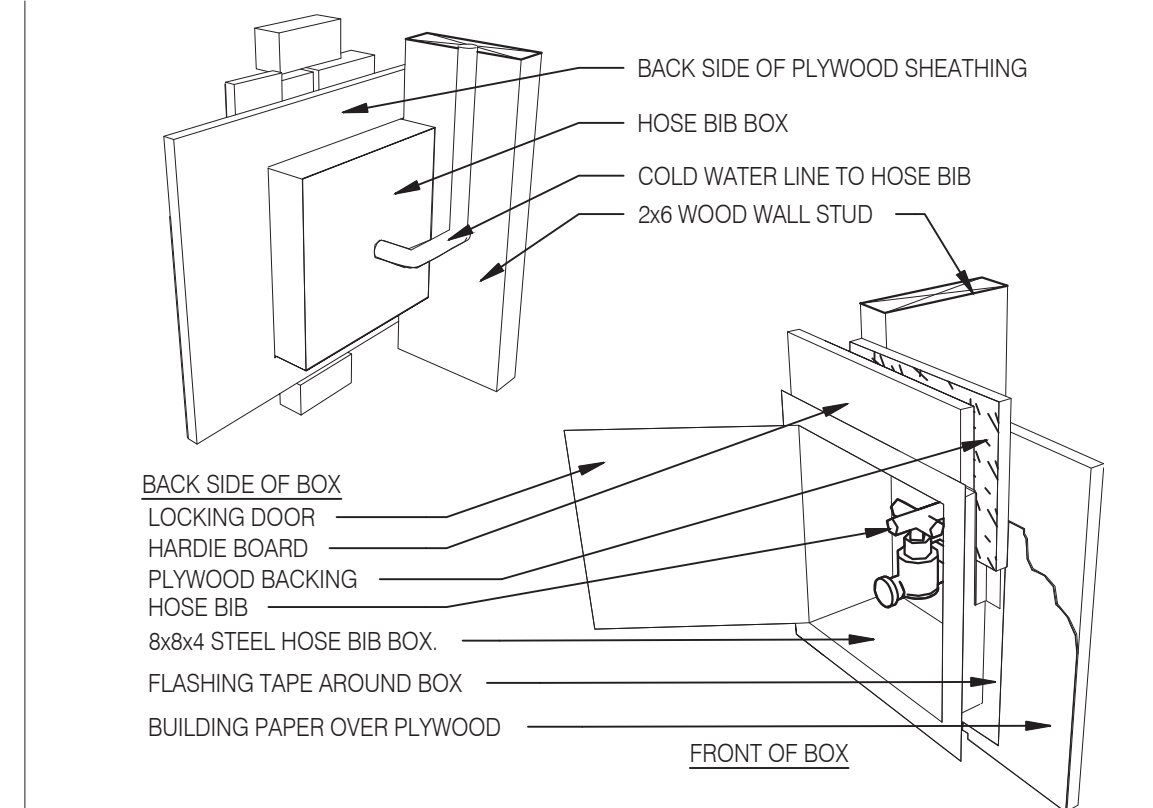
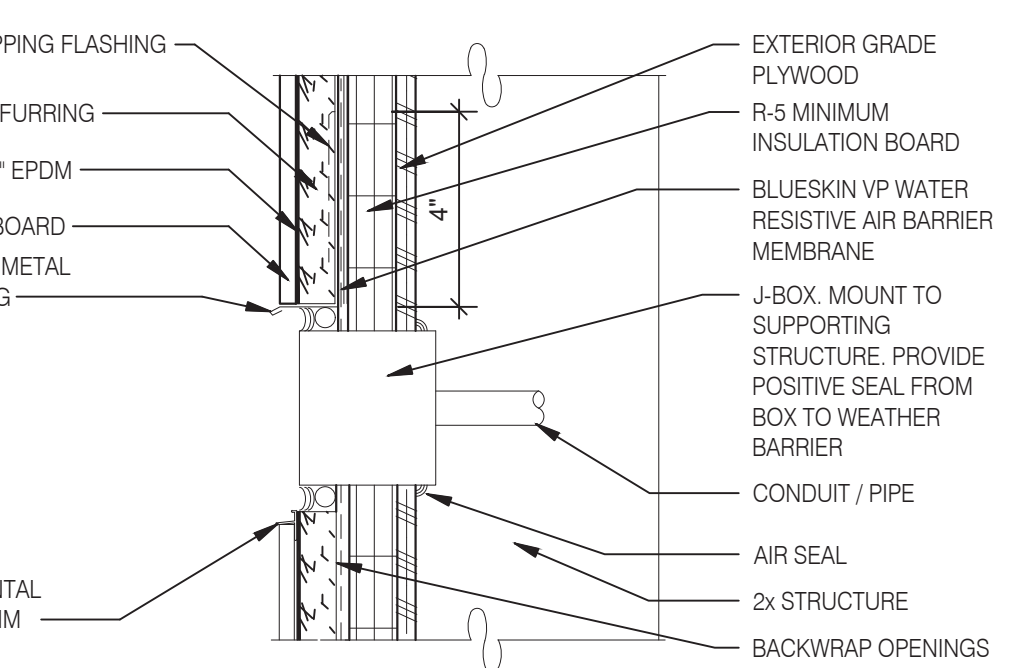
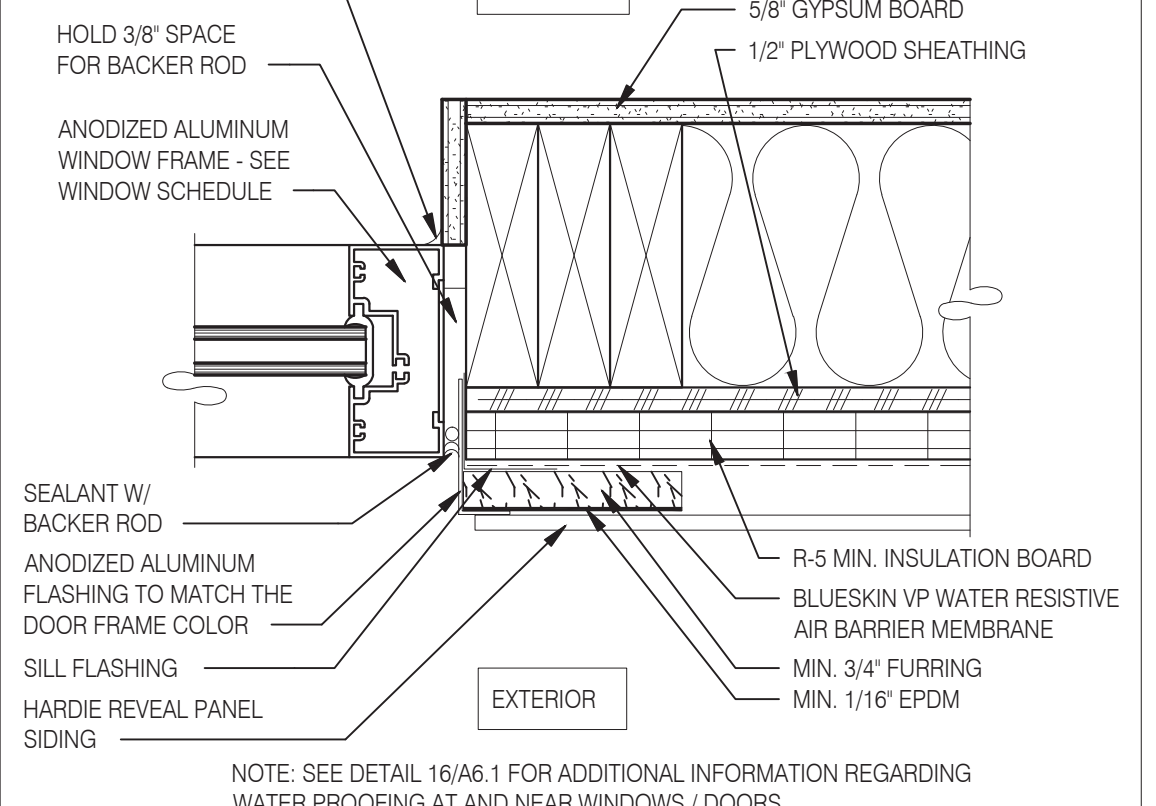
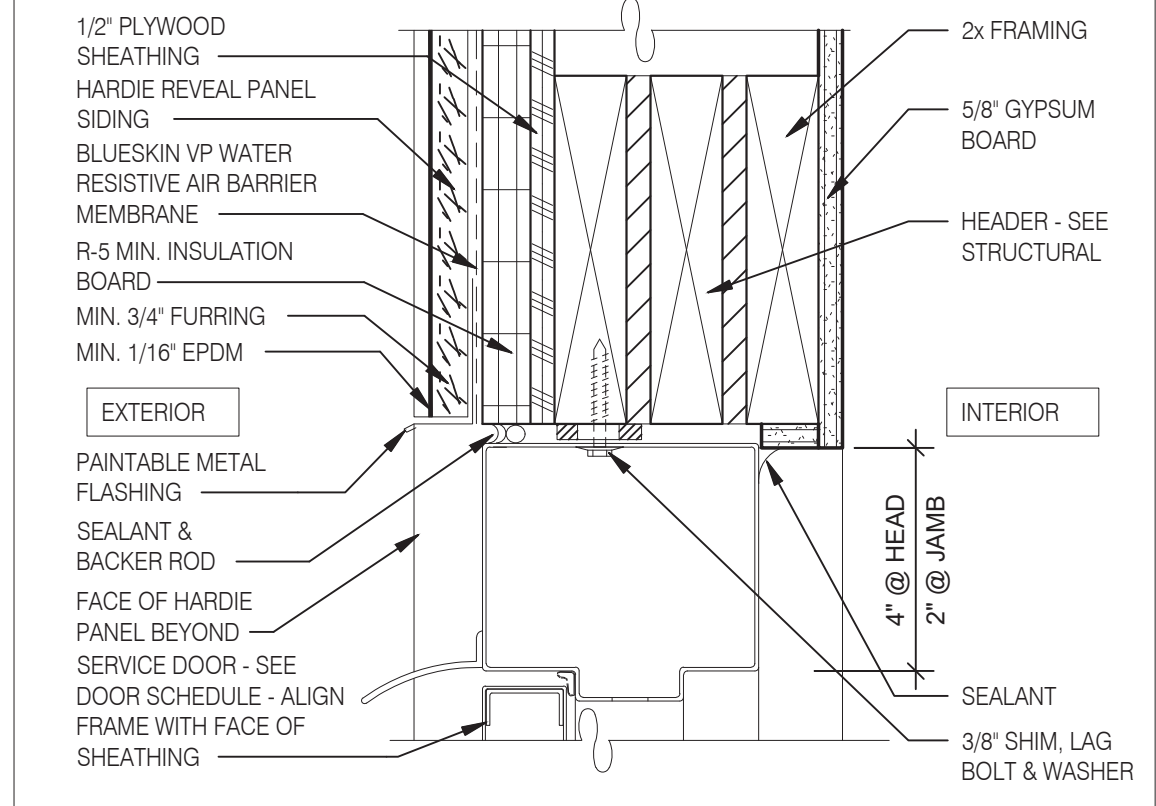
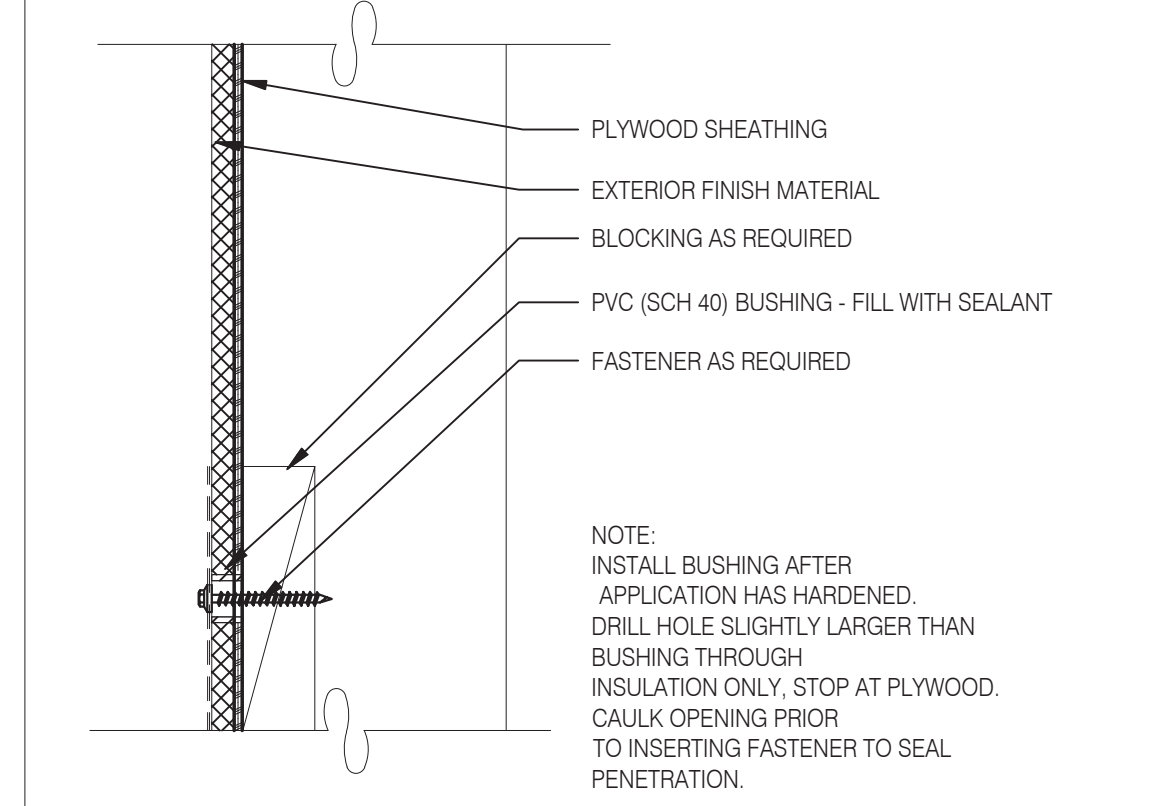
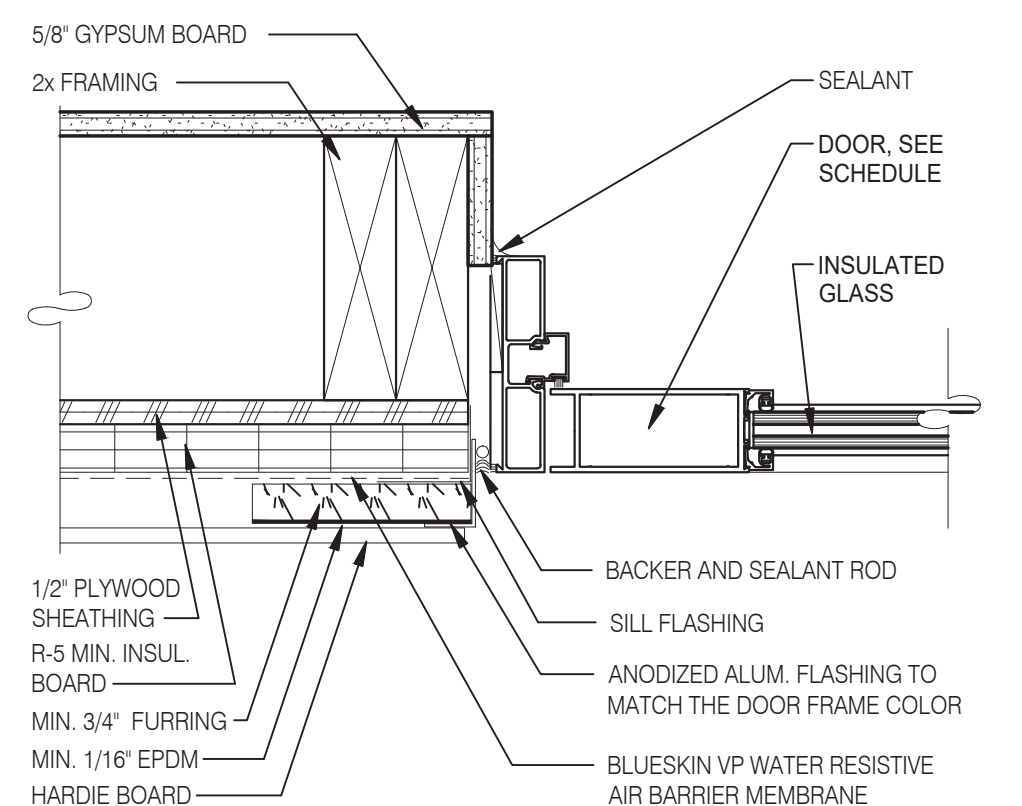
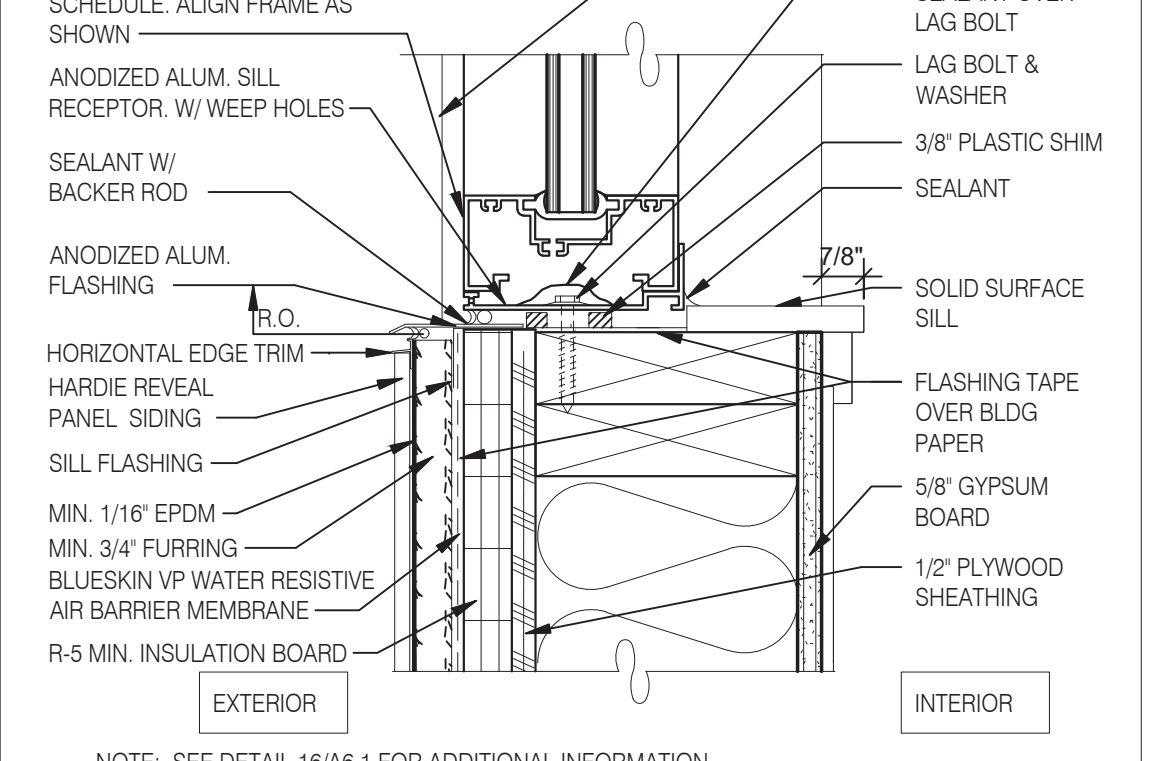
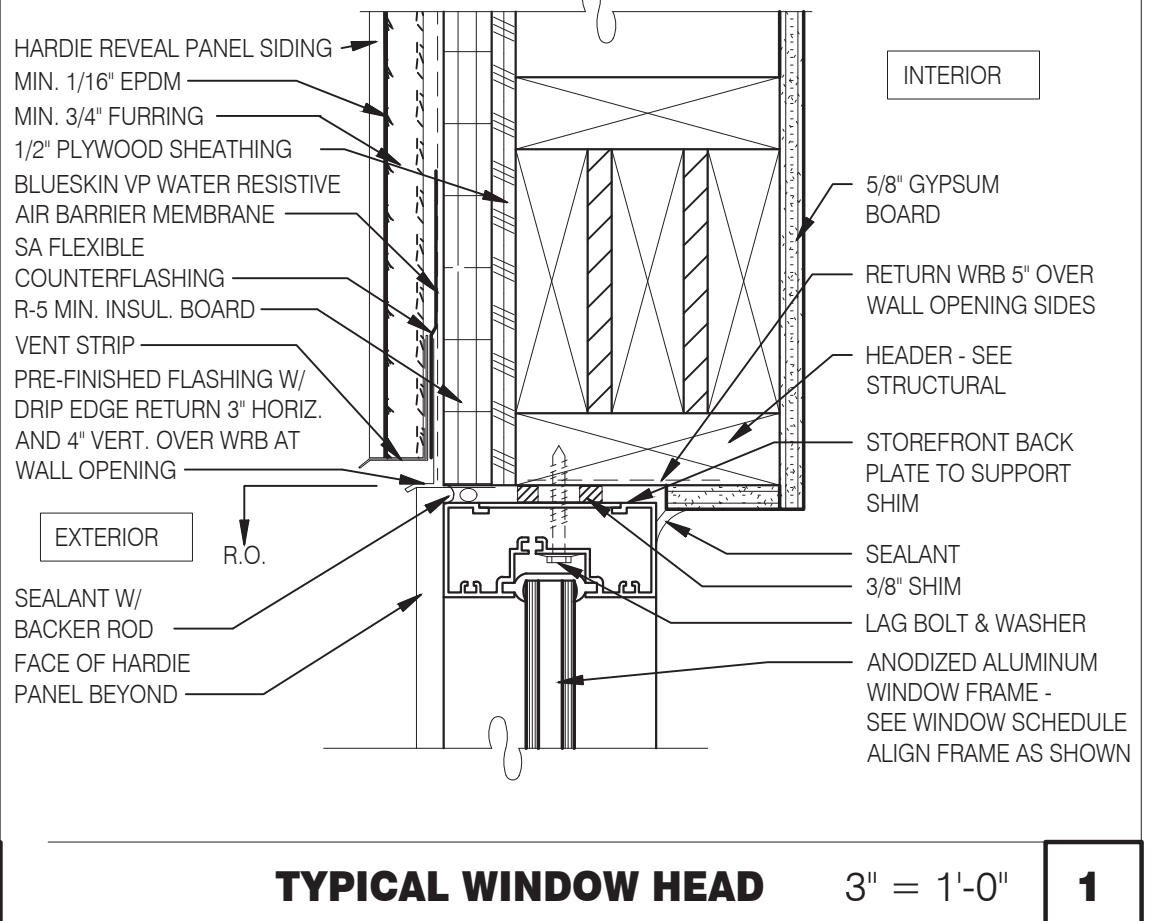
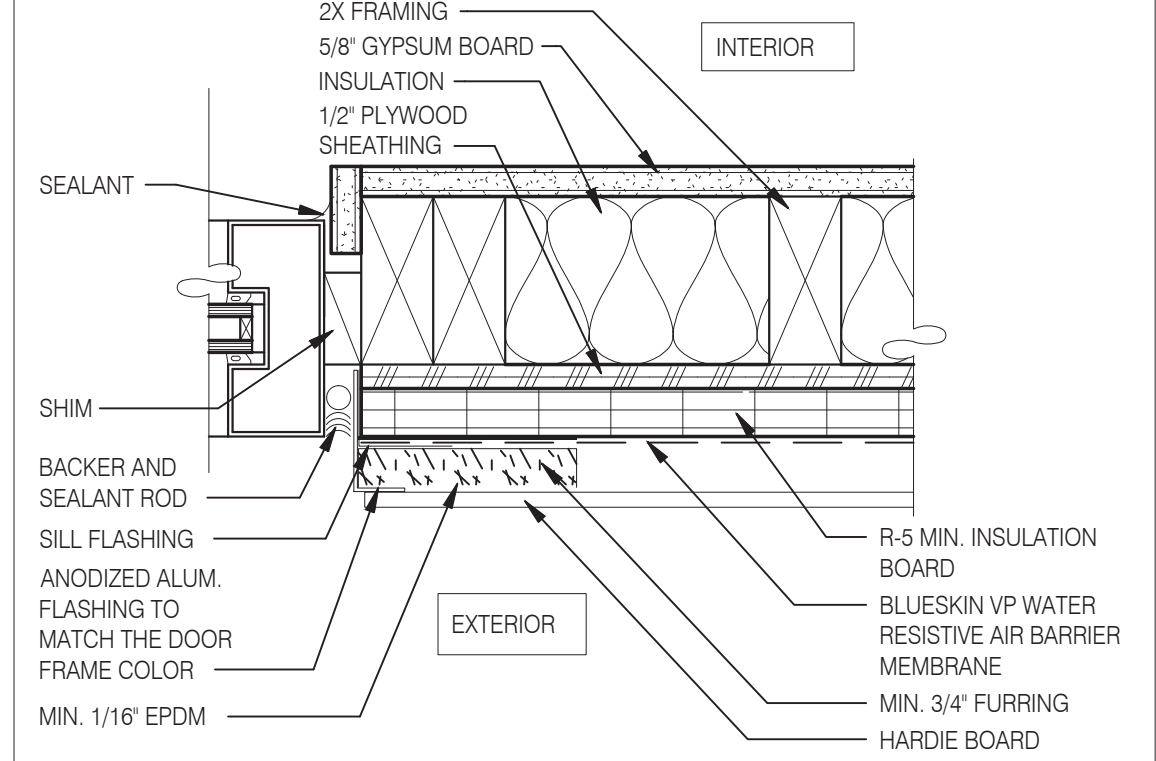
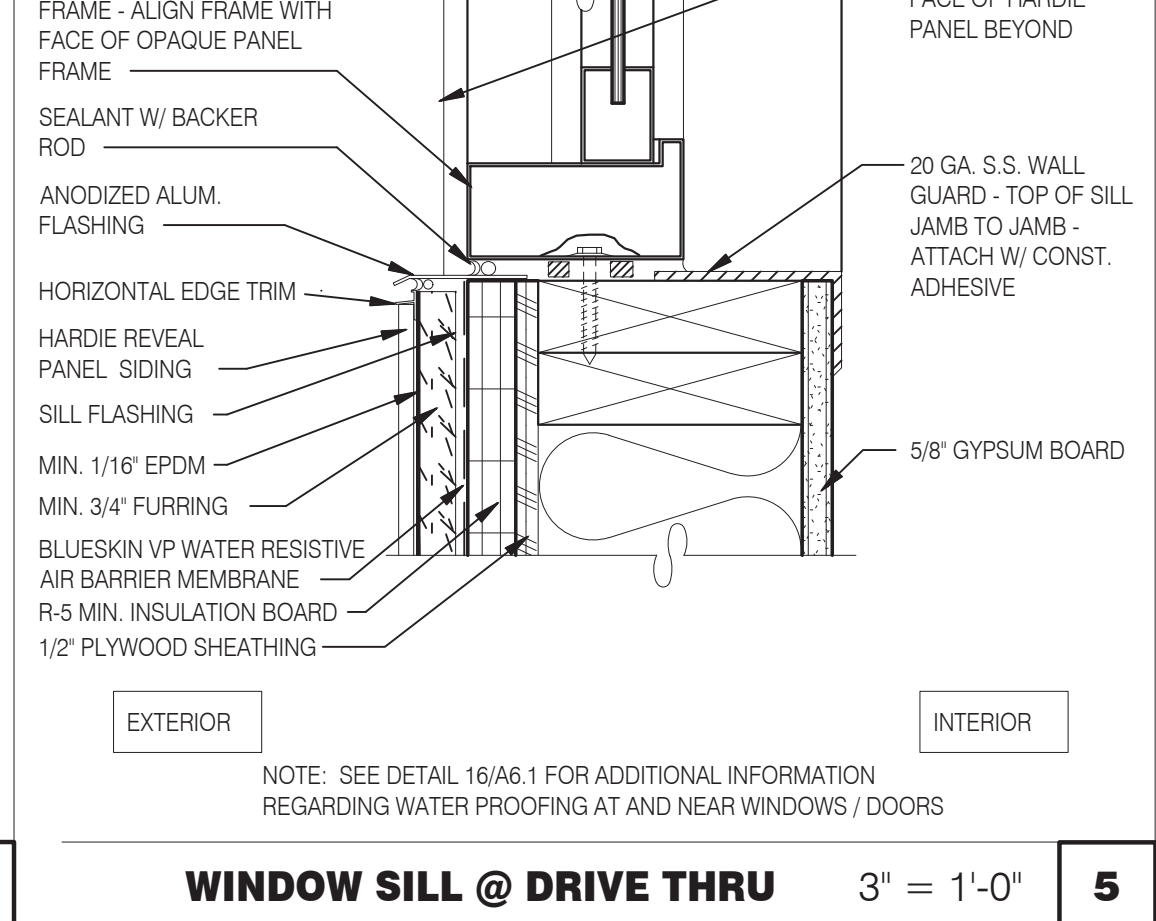
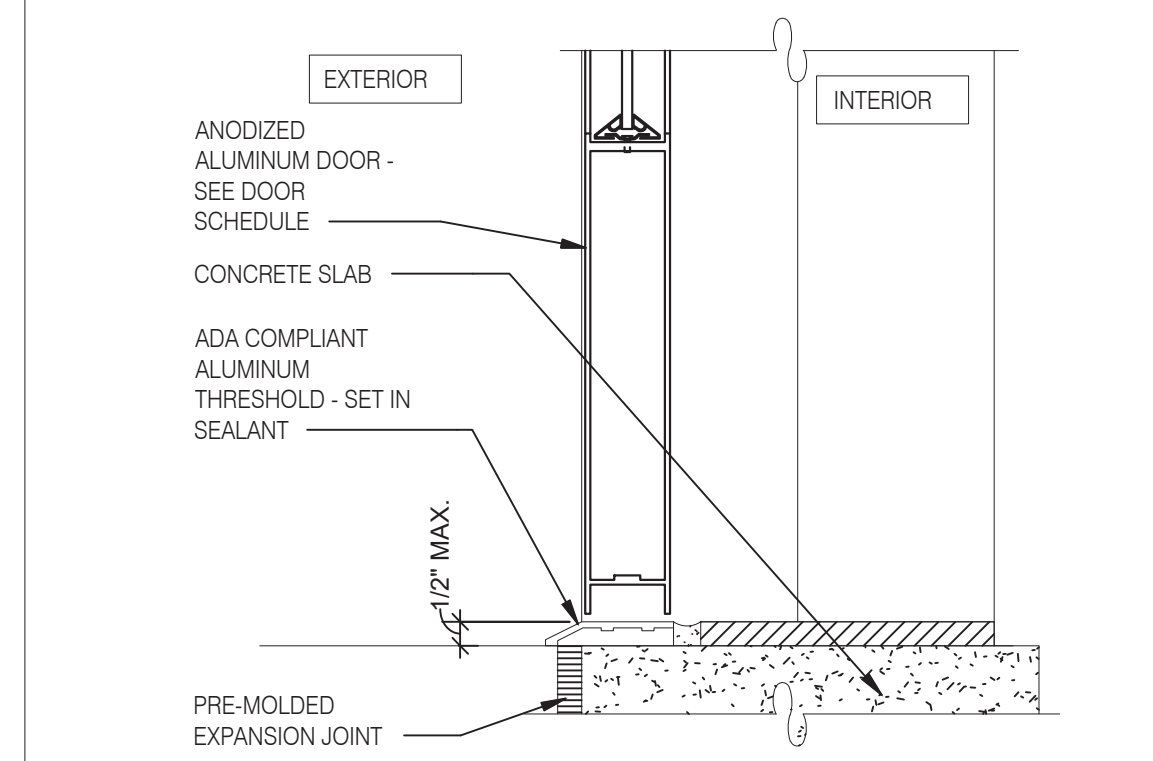
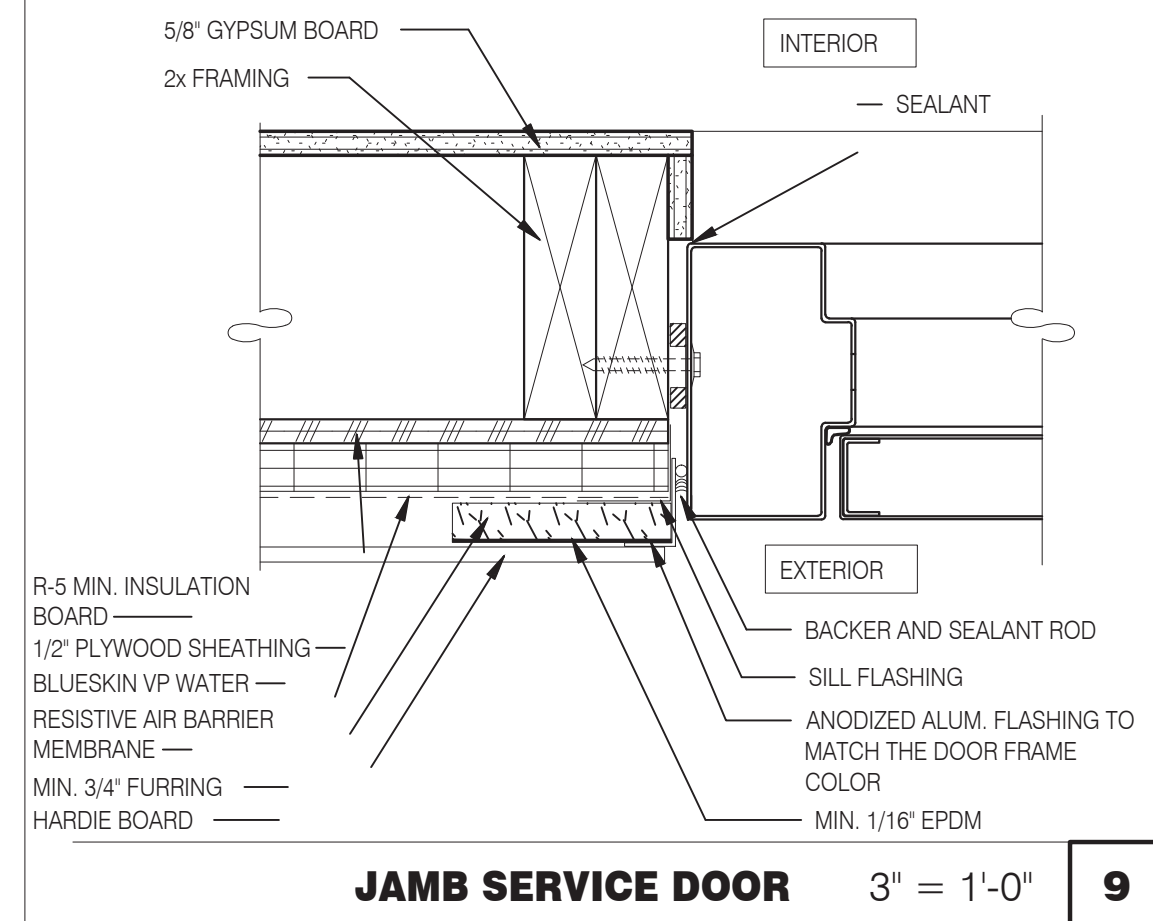


NOTES

- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING. SLOPE 1/4:1 TOWARDS ROOF WITH FIBER CANT STRIPS UNDER COPING. LAP FRONT AND BACK EDGE 2" DOWN VERTICAL FACE. LAP EXPOSED COPING EDGE EXPOSED ENDS AT VERTICAL PARAPET TRANSITION.
- 6 WRAP EXTERIOR FINISH MATERIAL ONTO VERTICAL FACE OF PARAPET TRANSITION. SEE EXTERIOR ELEVATIONS.
- 7 EXTERIOR FINISH MATERIAL AS NOTED ON EXTERIOR ELEVATIONS ON SHEET A4.0
- 8 TERMINATION BAR AT VERTICAL TRANSITION OF EXTERIOR FINISH MATERIAL AND MEMBRANE ROOFING. SEAL VERTICAL GAP BETWEEN TERMINATION BAR AND EXTERIOR FINISH PER ROOFING MANUFACTURER SPECIFICATIONS.
- 9 PVC ROOFING MEMBRANE ON BACKSIDE OF PARAPET.

IMPORTANT: ONLY FASTEN PARAPET COPING ALONG THE FRONT AND BACK VERTICAL EDGE. NEVER ON TOP OF COPING.

**PARAPET CAP & TRANSITION** 3" = 1'-0" **13**



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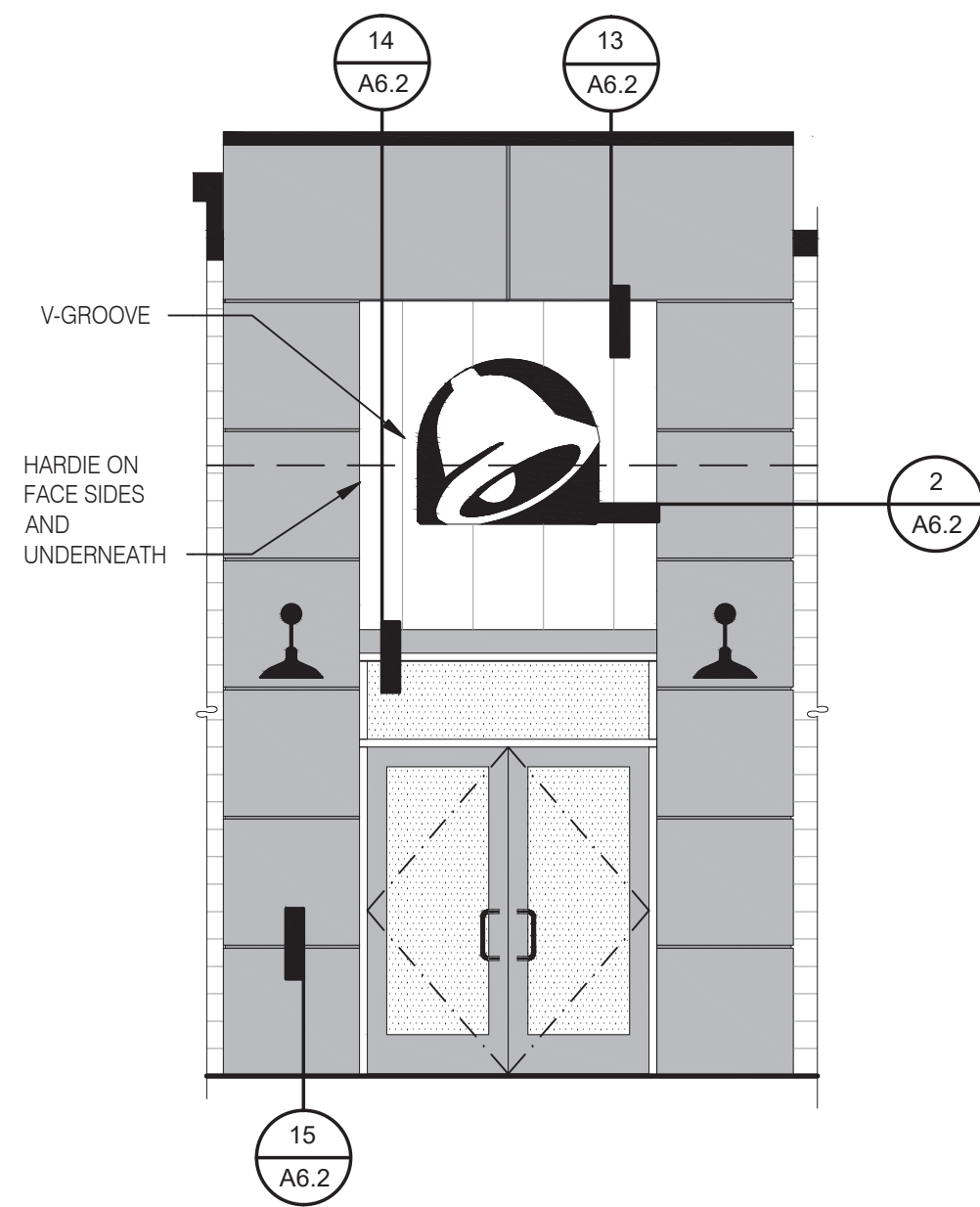
**GREAT LAKES TACO, LLC**



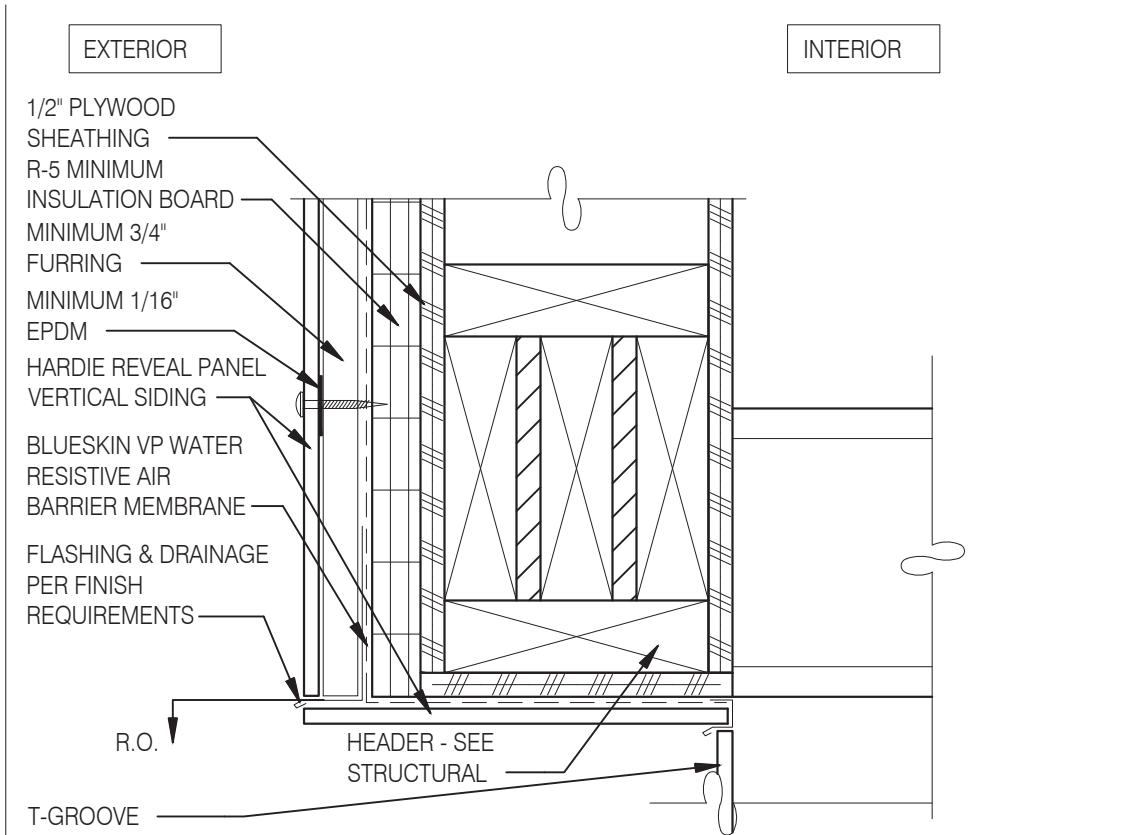
ENDEAVOR 2.0  
**CONSTRUCTION DETAILS**  
**DOOR/WINDOW**

**A6.1**

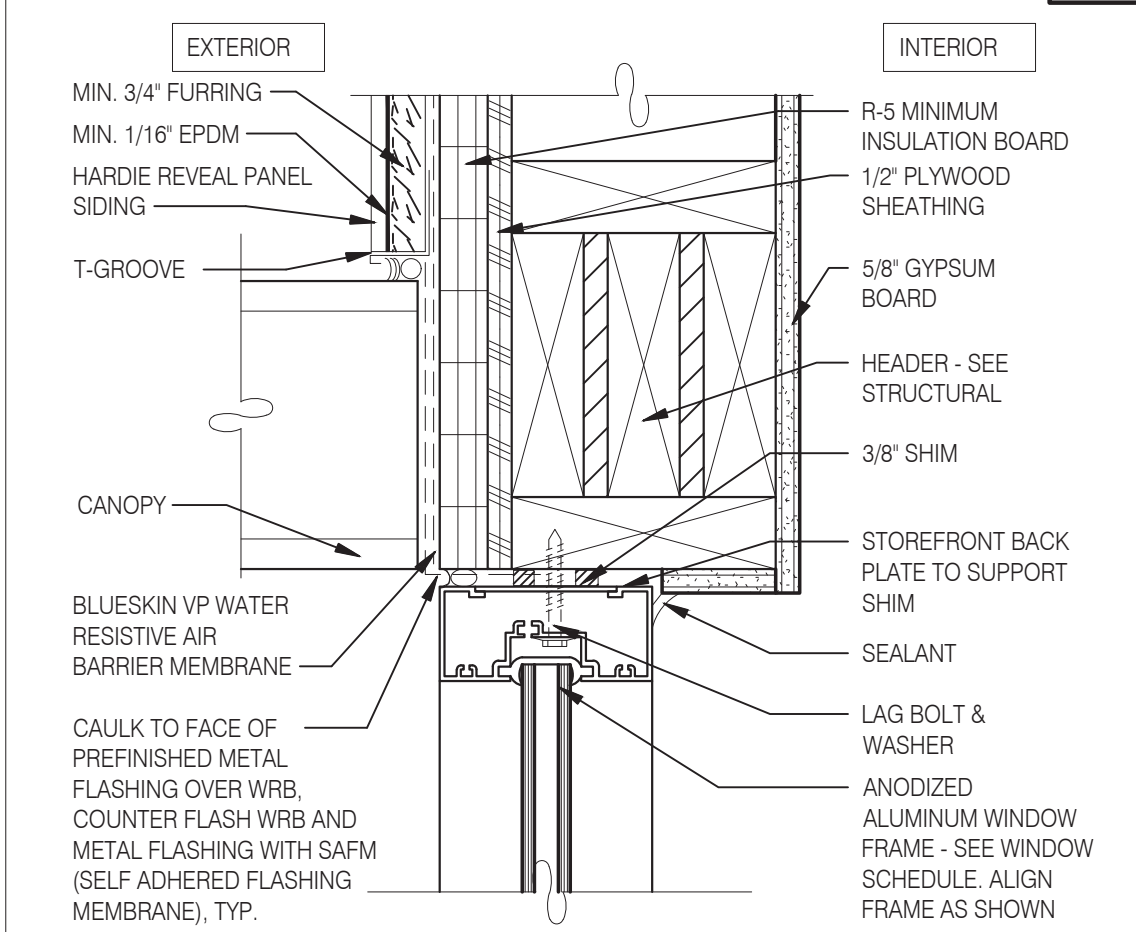
PLOT DATE: 6/23/2022



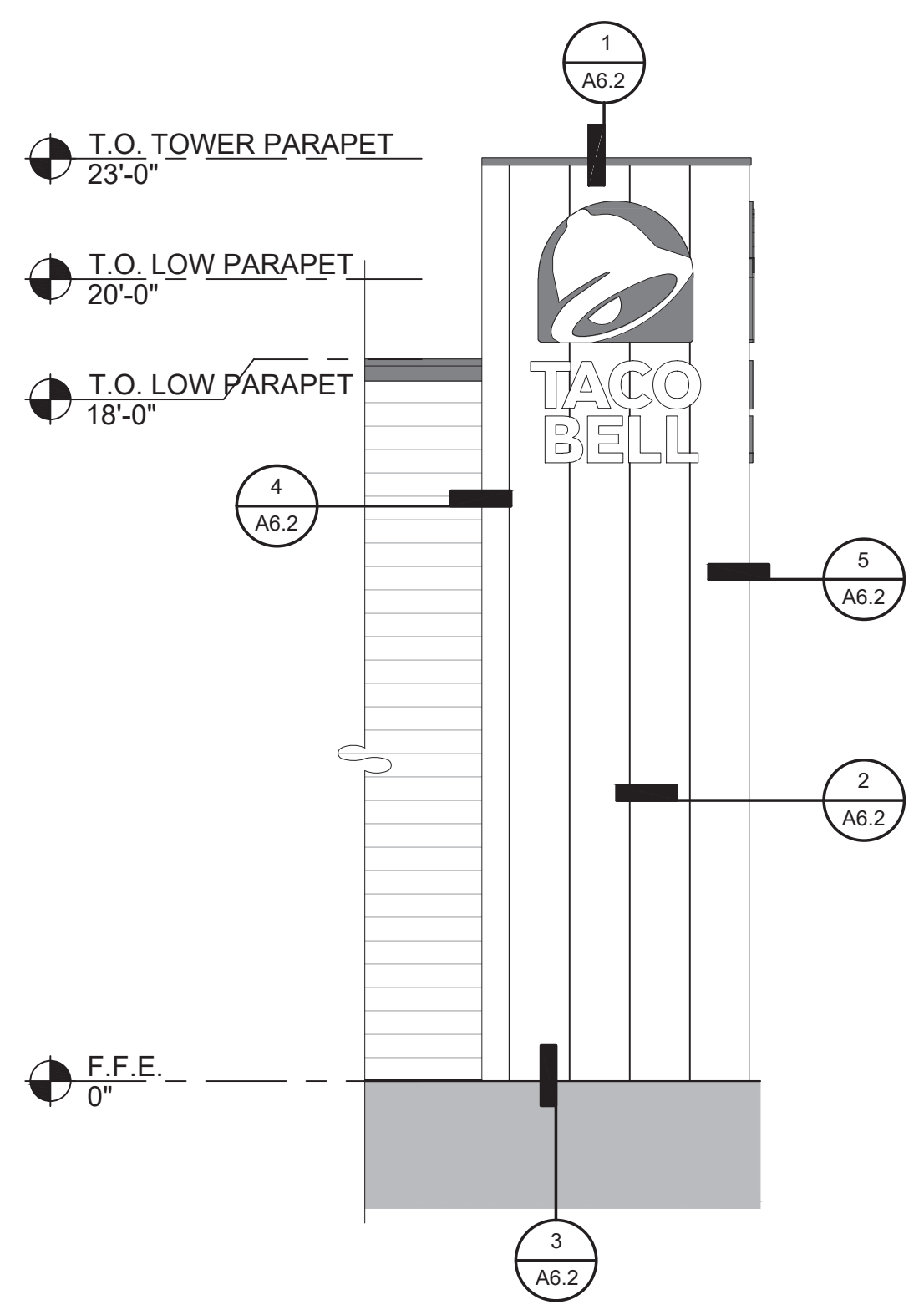
**FRONT ELEVATION** 1/4" = 1'-0" **18**



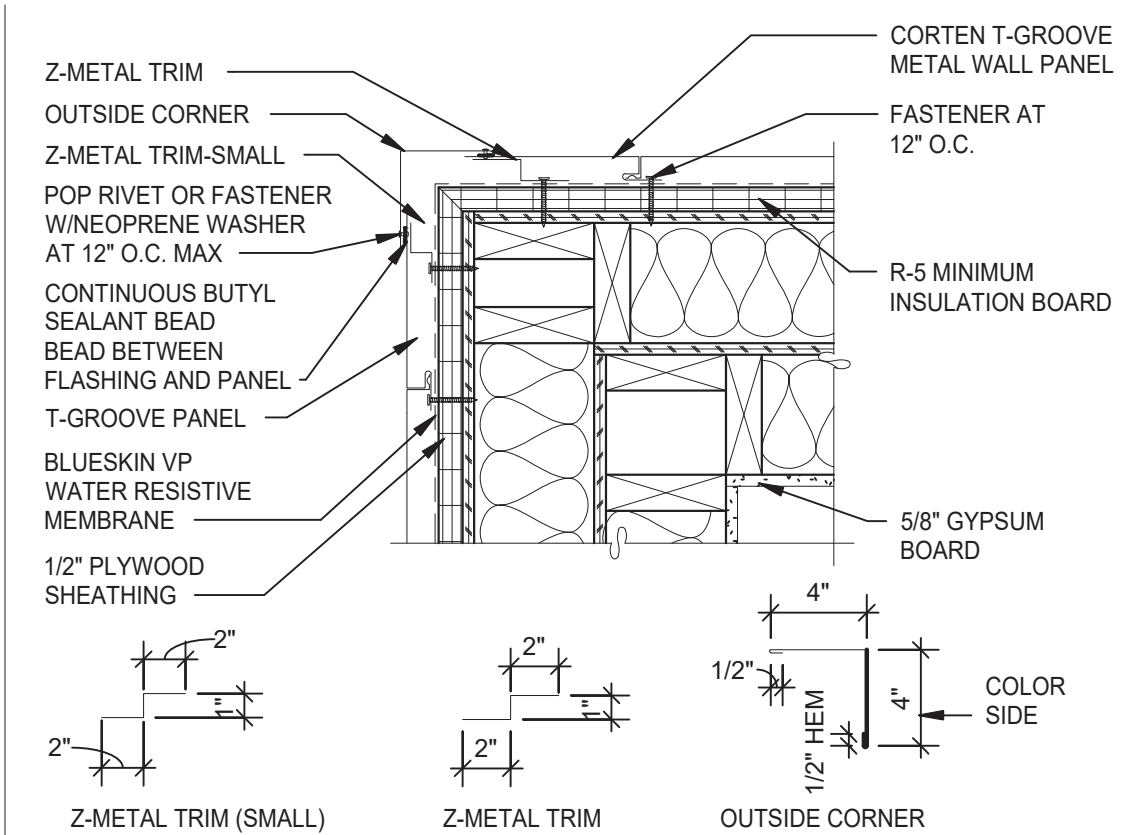
**PARAPET CORNER** 3" = 1'-0" **13**



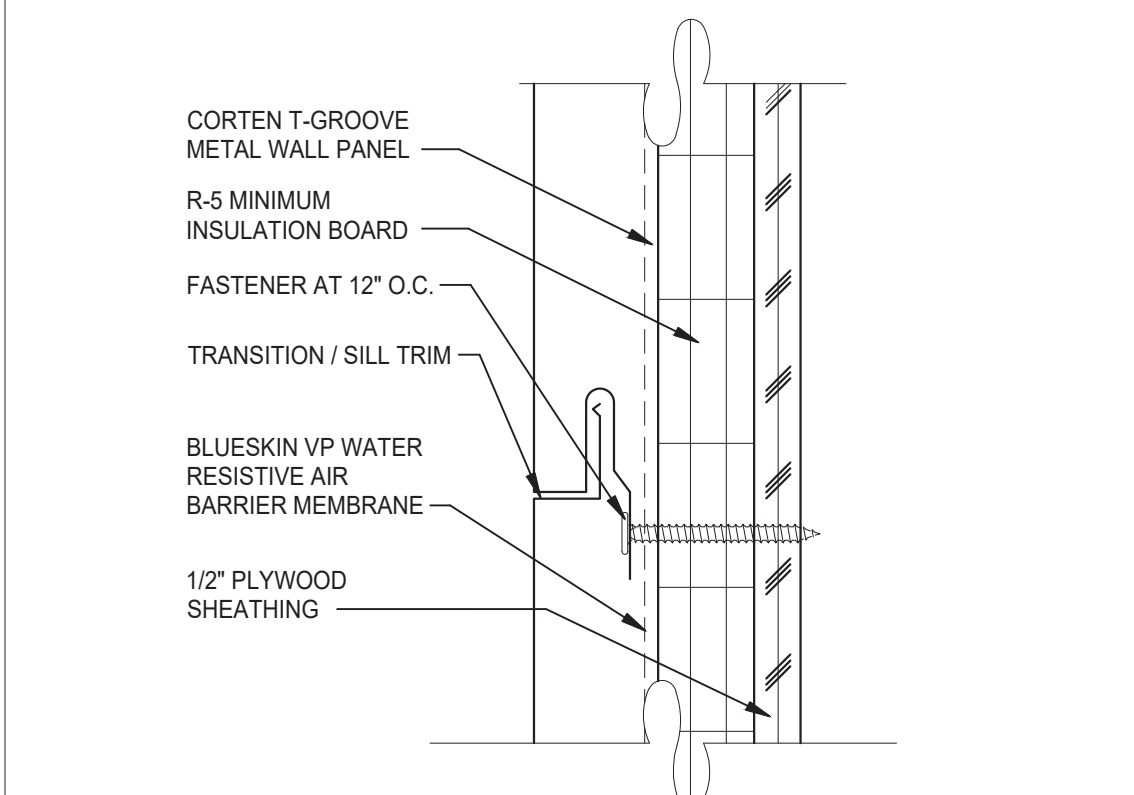
**TYPICAL WINDOW HEAD W/ CANOPY** 3" = 1'-0" **14**



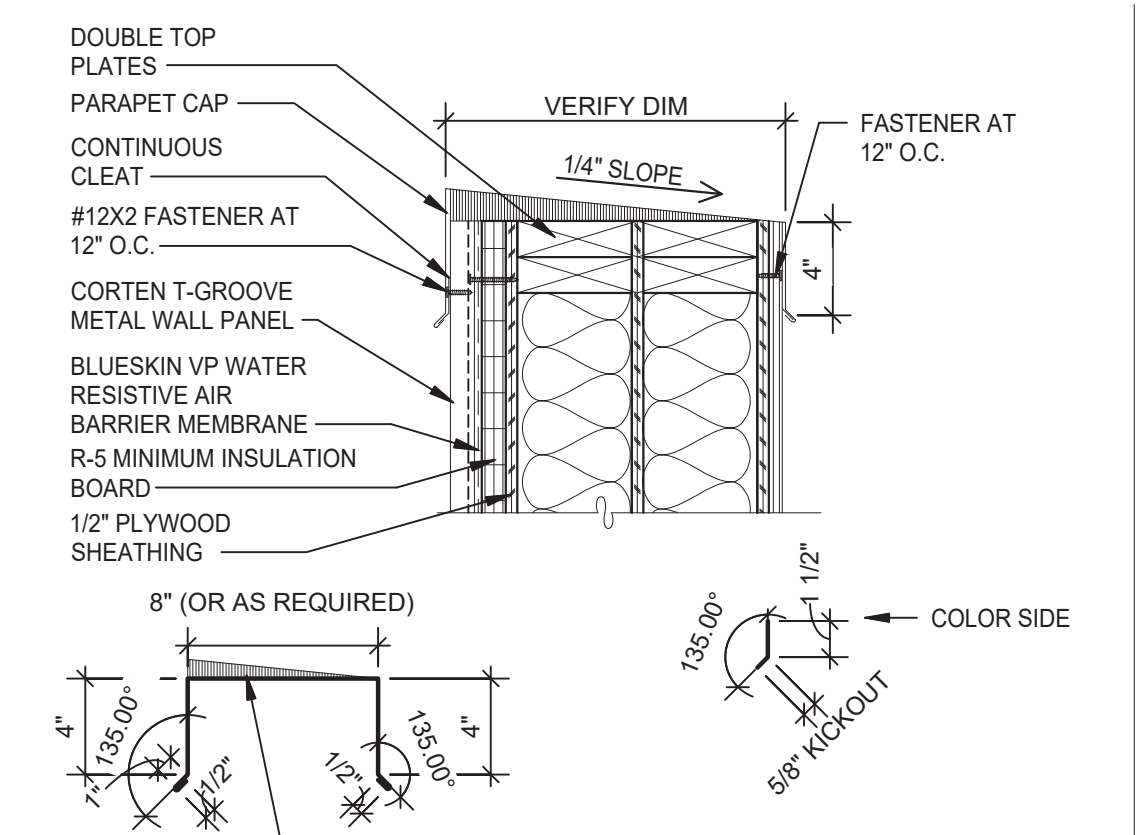
**FRONT ELEVATION** 1/4" = 1'-0" **10**



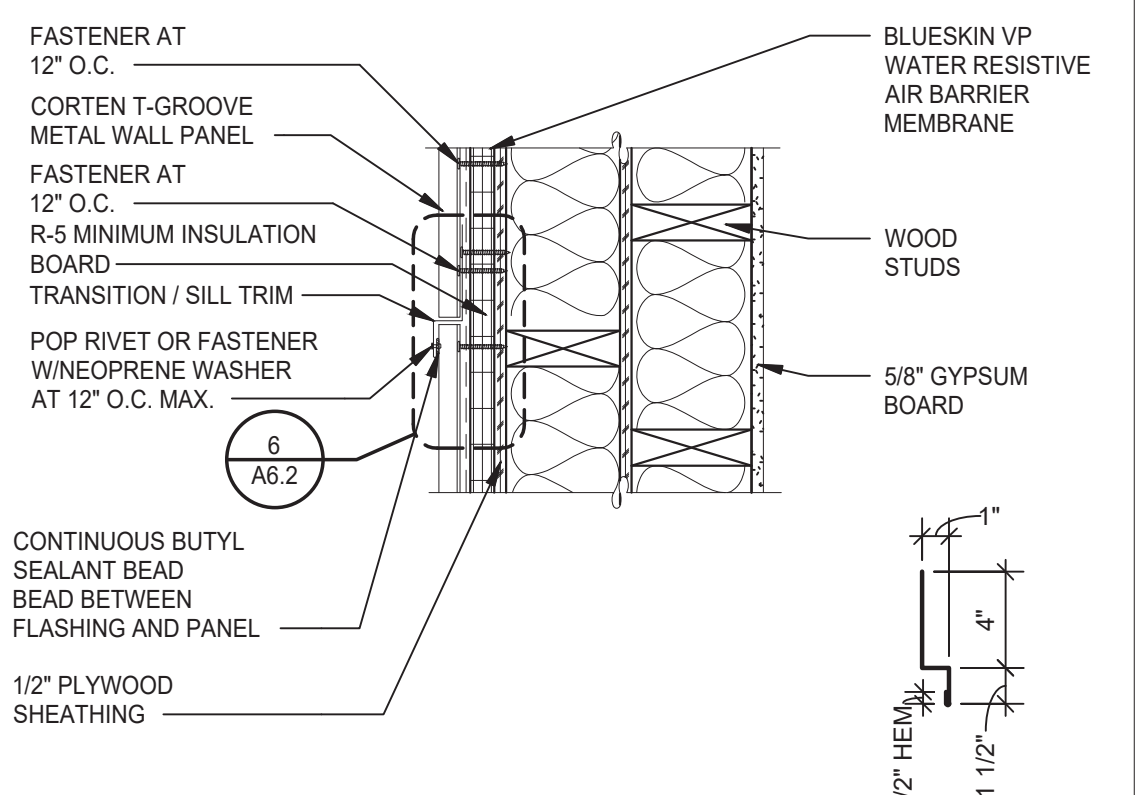
**OUTSIDE CORNER** 1 1/2" = 1'-0" **5**



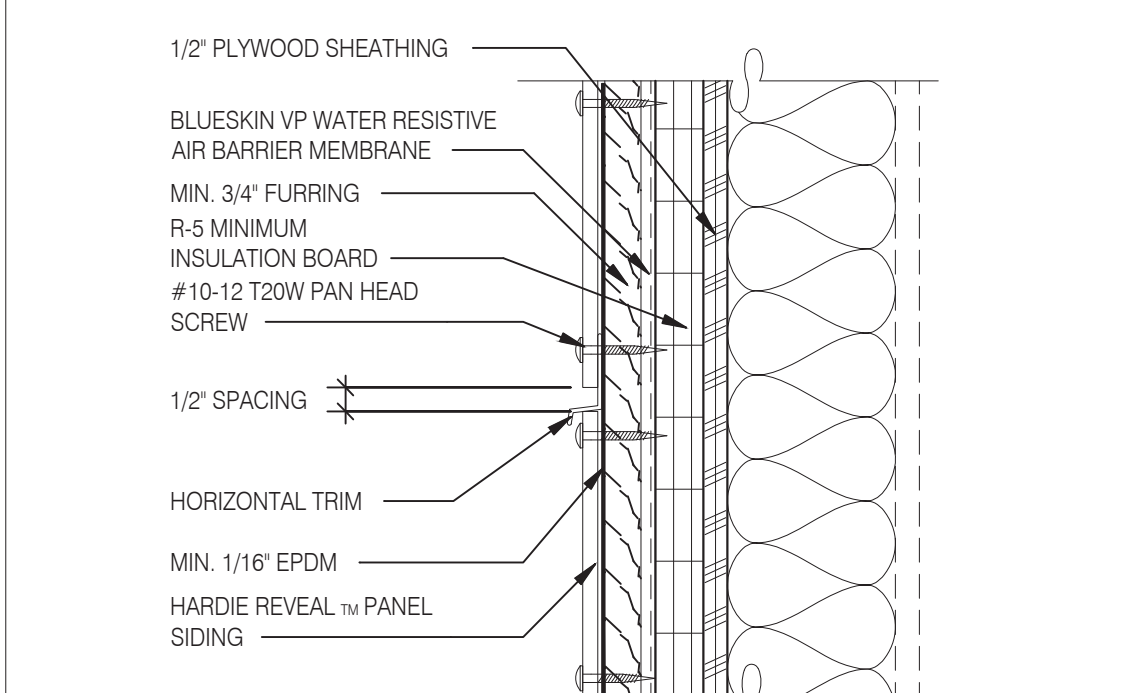
**PANEL JOINT** 6" = 1'-0" **6**



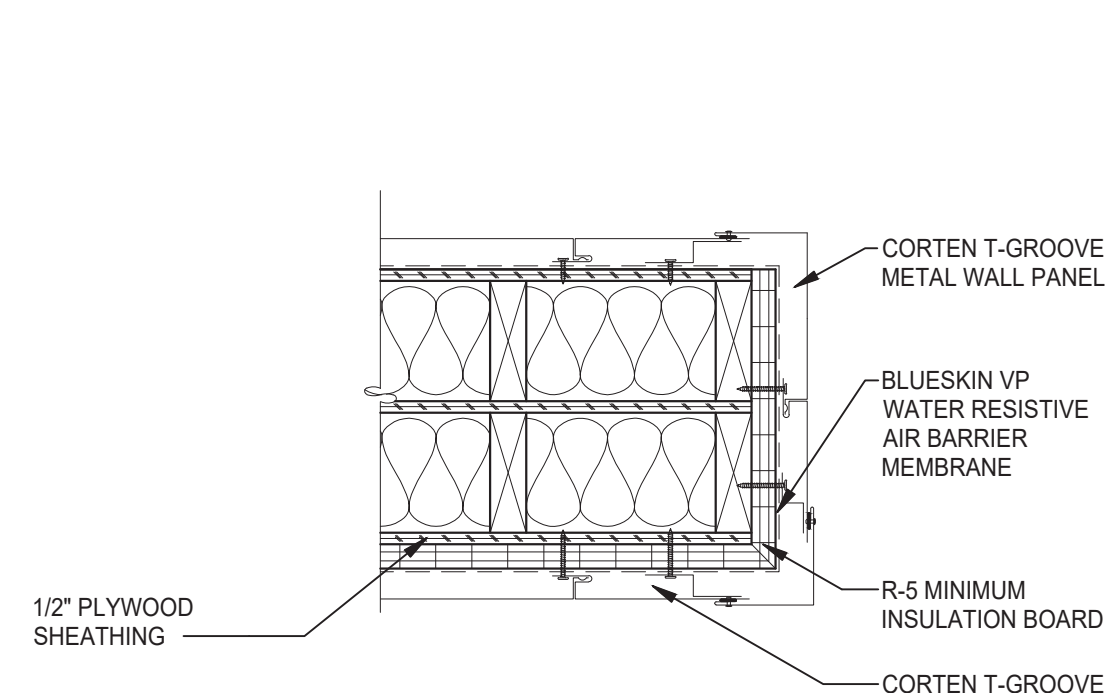
**PARAPET** 1 1/2" = 1'-0" **1**



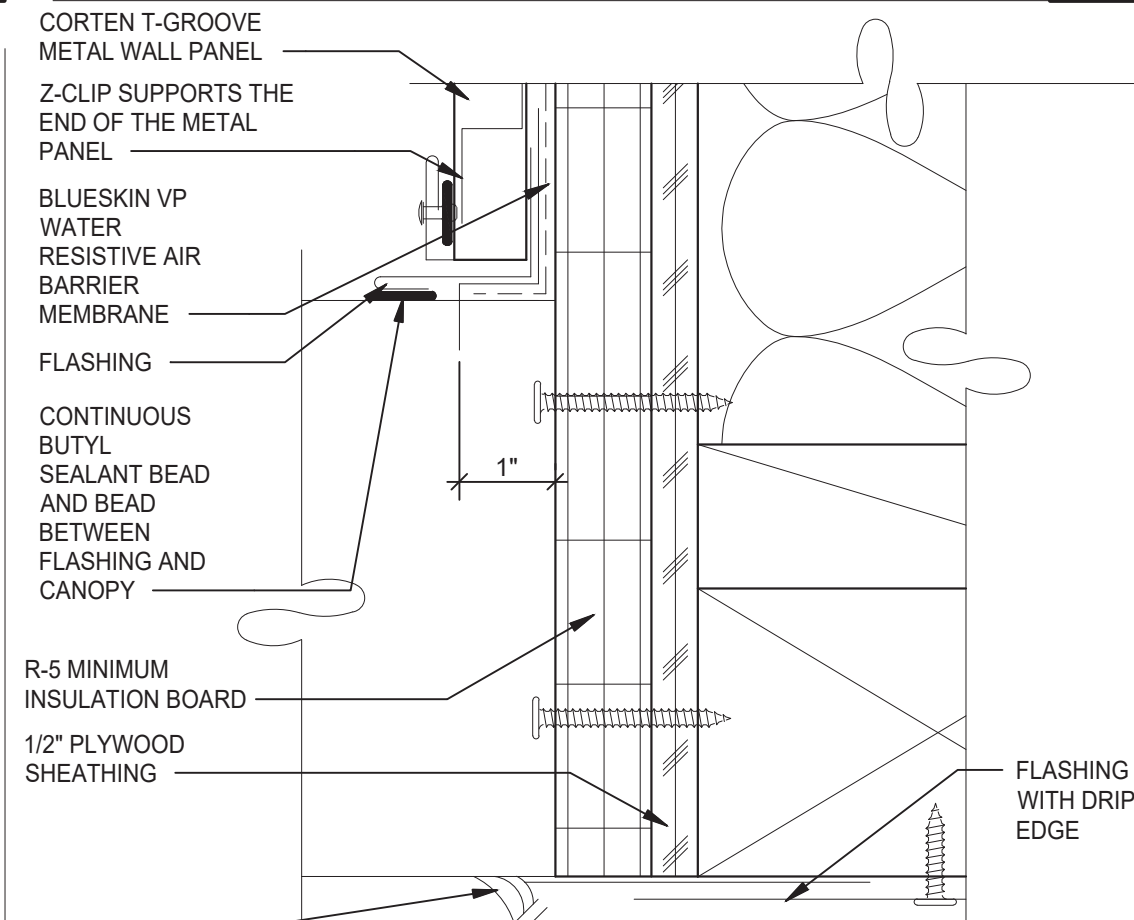
**VERTICAL PANEL JOINT** 1 1/2" = 1'-0" **2**



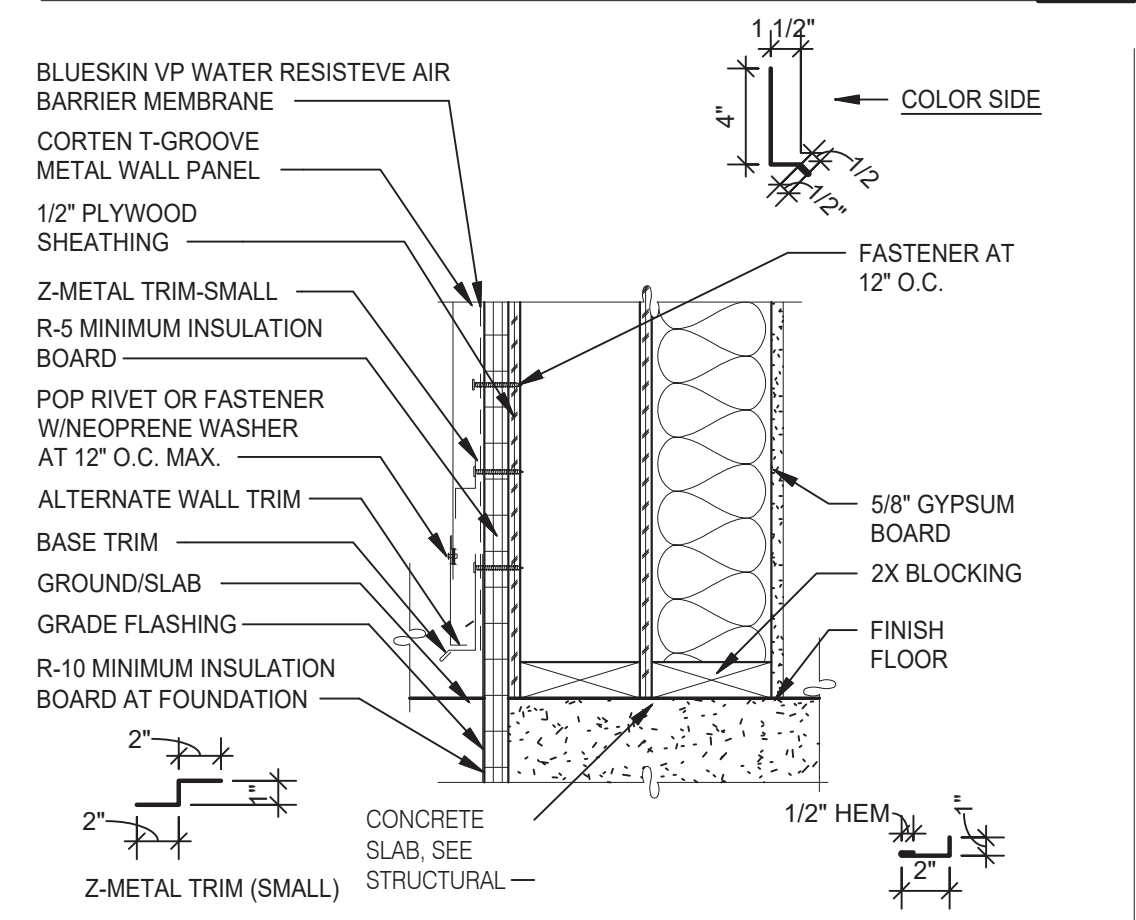
**PANEL WITH HORIZONTAL TRIM** 3" = 1'-0" **15**



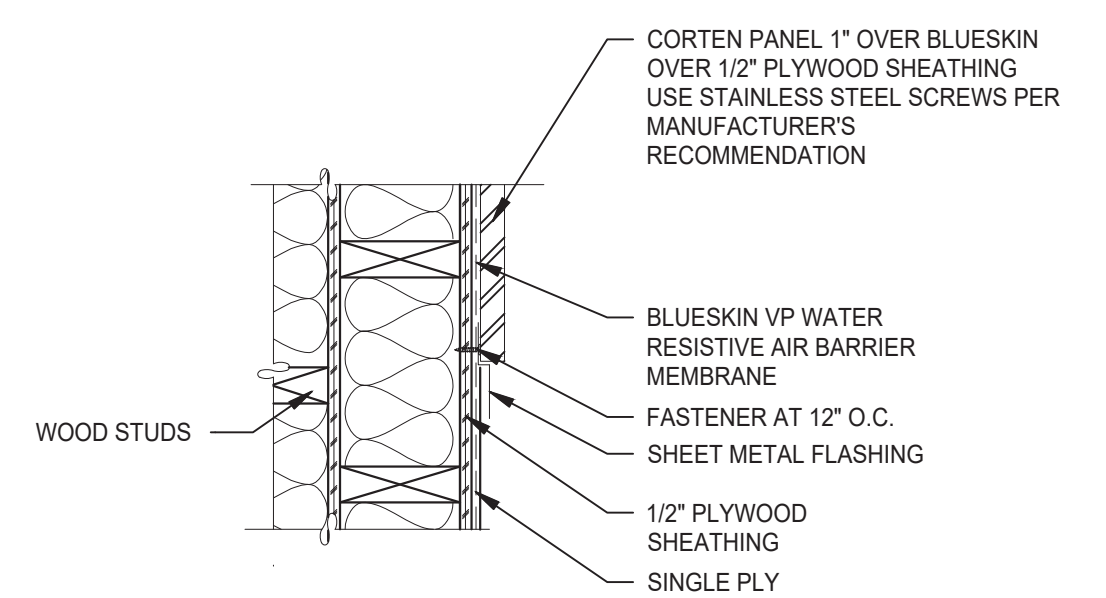
**CORTEN T-GROOVE METAL PANEL** 1 1/2" = 1'-0" **11**



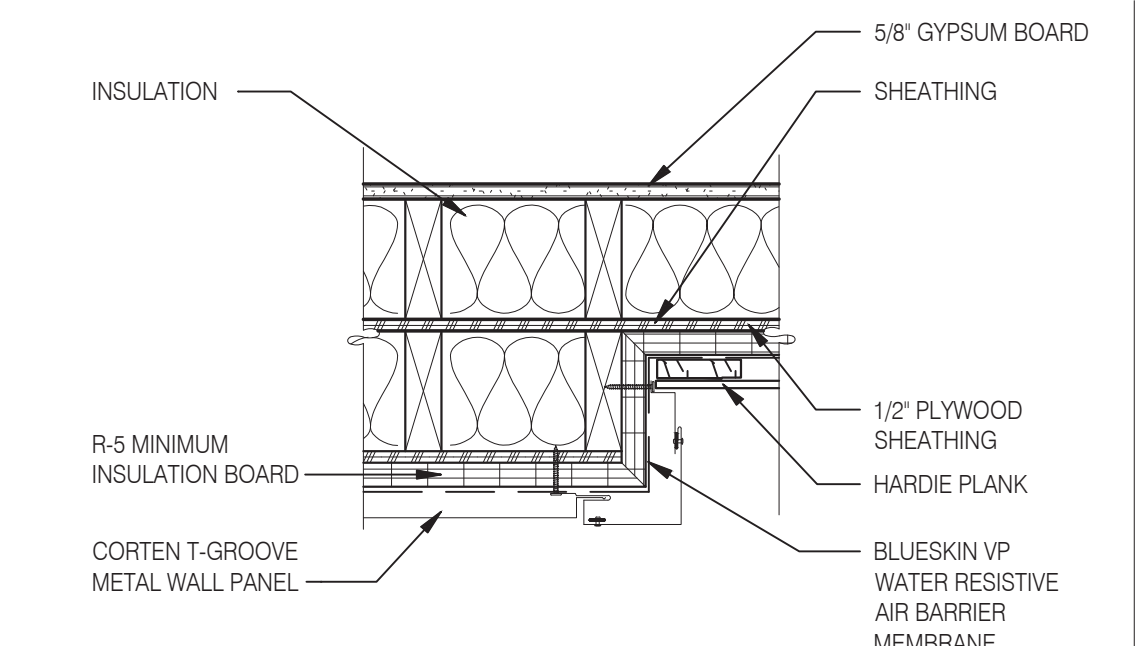
**ENLARGED CANOPY DETAIL** 6" = 1'-0" **7**



**BASE TRIM HORIZONTAL** 1 1/2" = 1'-0" **3**



**METAL PANEL OVER BLUESKIN SJ** 1 1/2" = 1'-0" **12**



**VERTICAL OUTSIDE CORNER** 1 1/2" = 1'-0" **4**



**L+A ARCHITECTS INC. A.I.A.**  
 441 S. LIVERNOIS ROAD SUITE 265  
 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:   
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:   
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:   
 DRAWN BY:   
 JOB NO.:

**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453

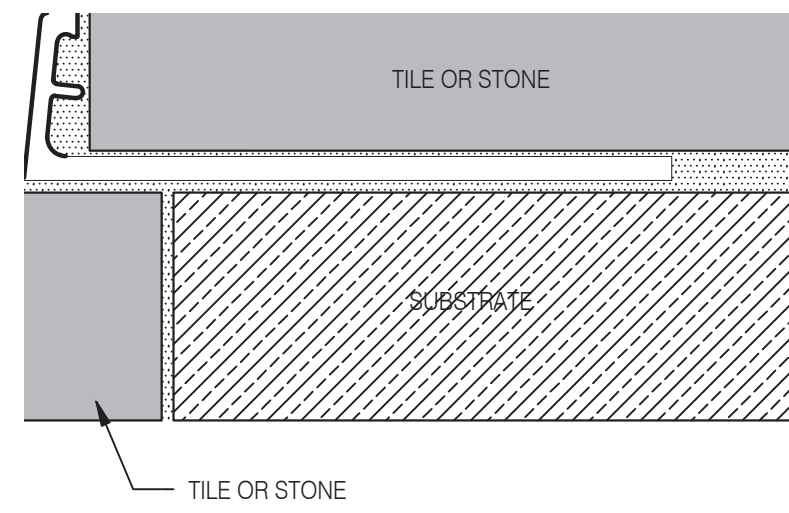


**ENDEAVOR 2.0 CONSTRUCTION DETAILS WALL**

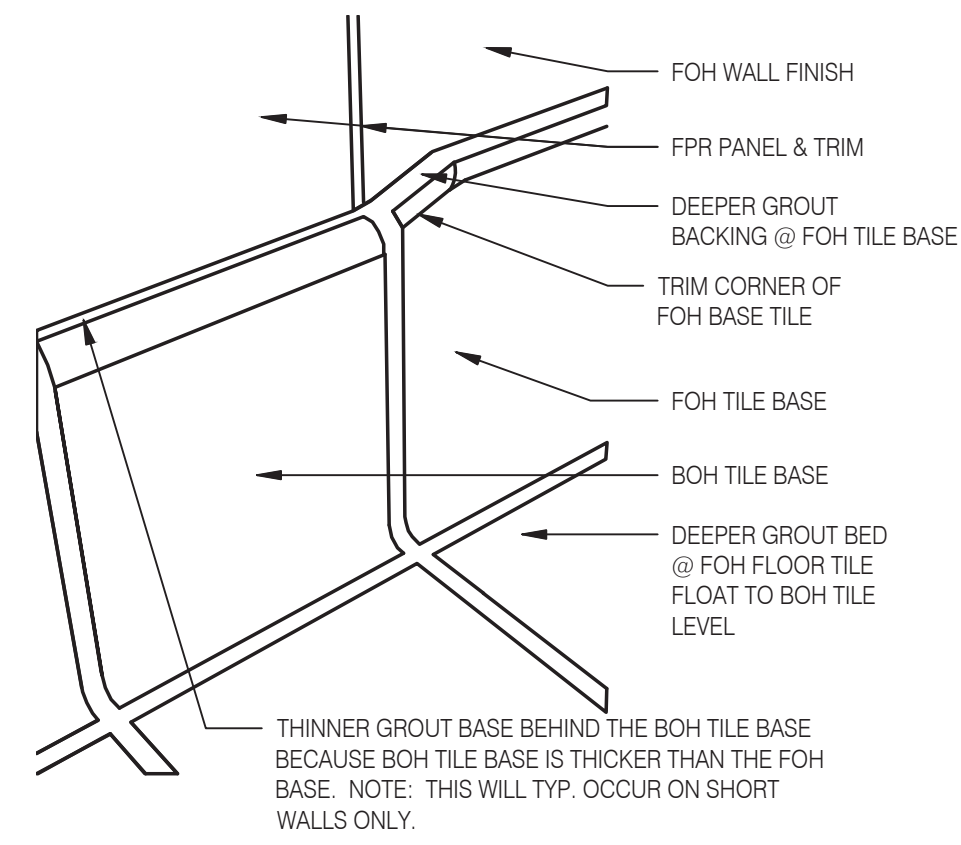
**A6.2**

PLOT DATE: 6/23/2022

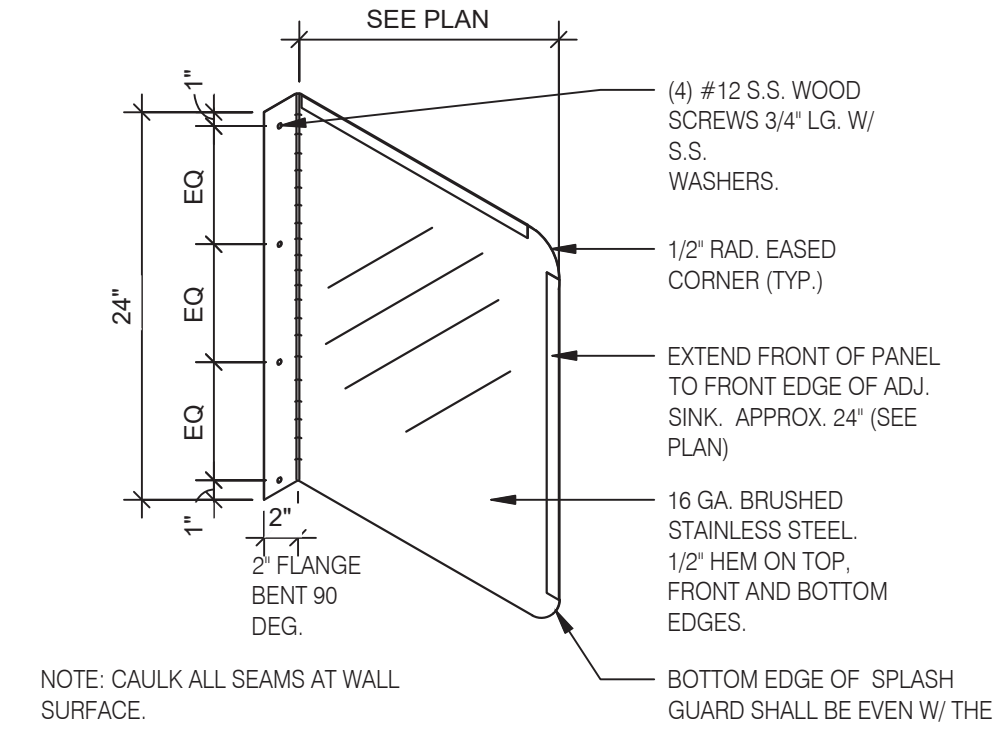




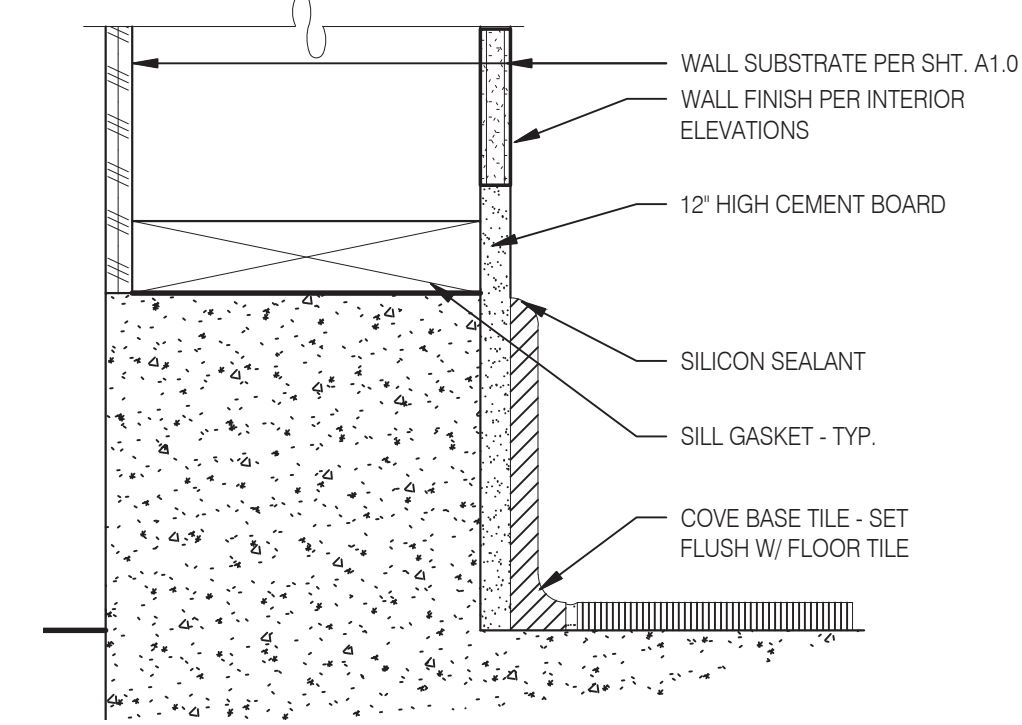
**Schluter Jolly Corner Guard** 1 1/2" = 1'-0" **17**



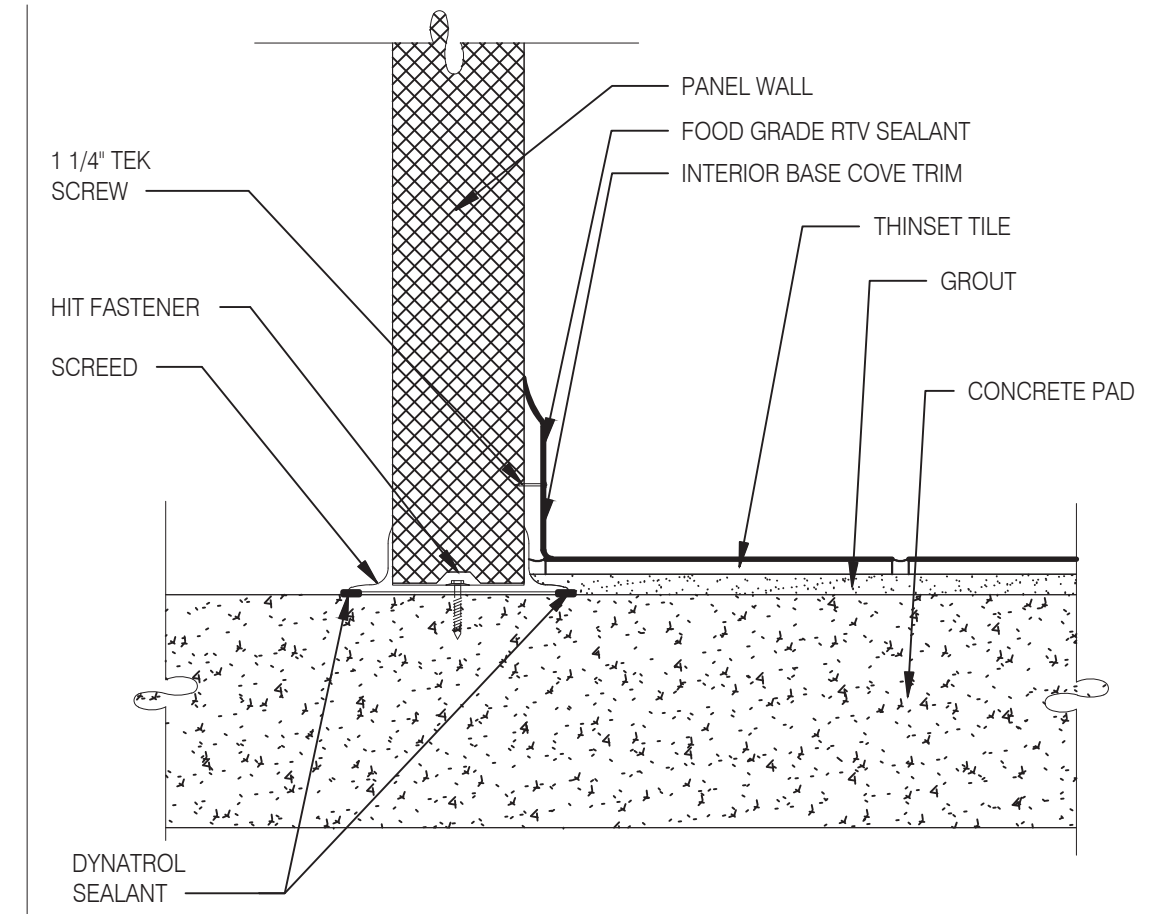
**Tile Base Transition** 12" = 1'-0" **13**



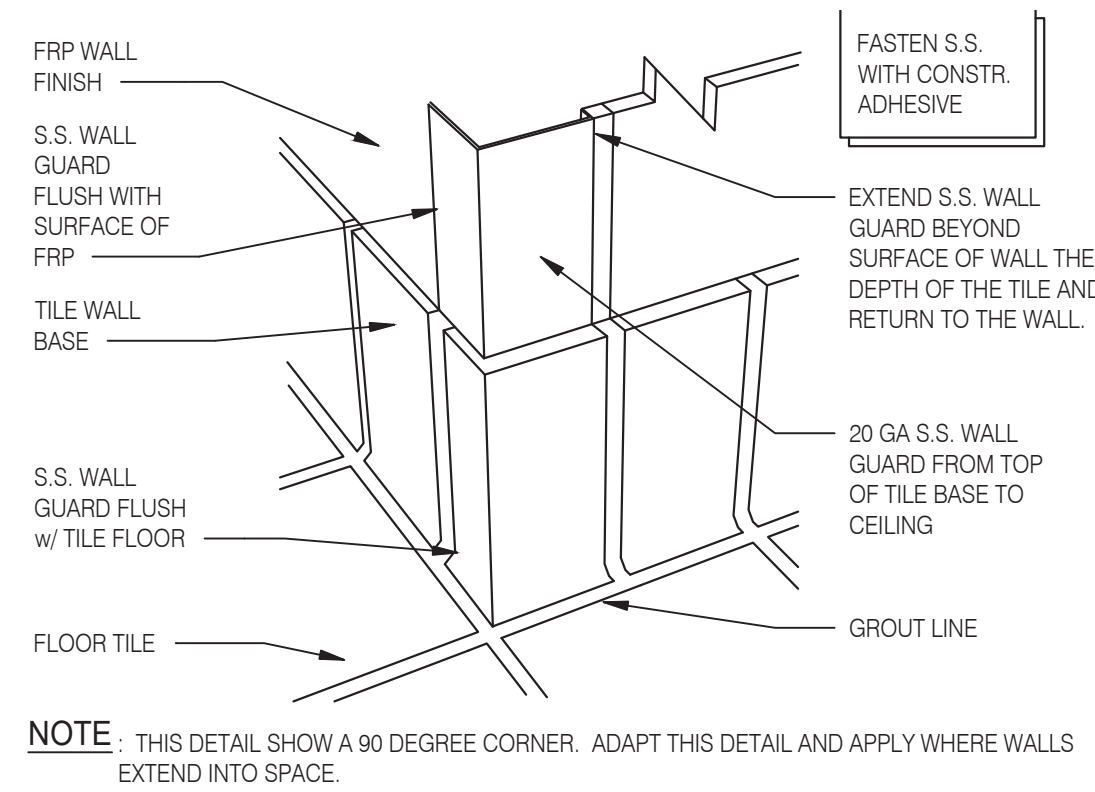
**Splash Guard** 1" = 1'-0" **9**



**Base @ Dining Ext. Side Walls** 3" = 1'-0" **5**

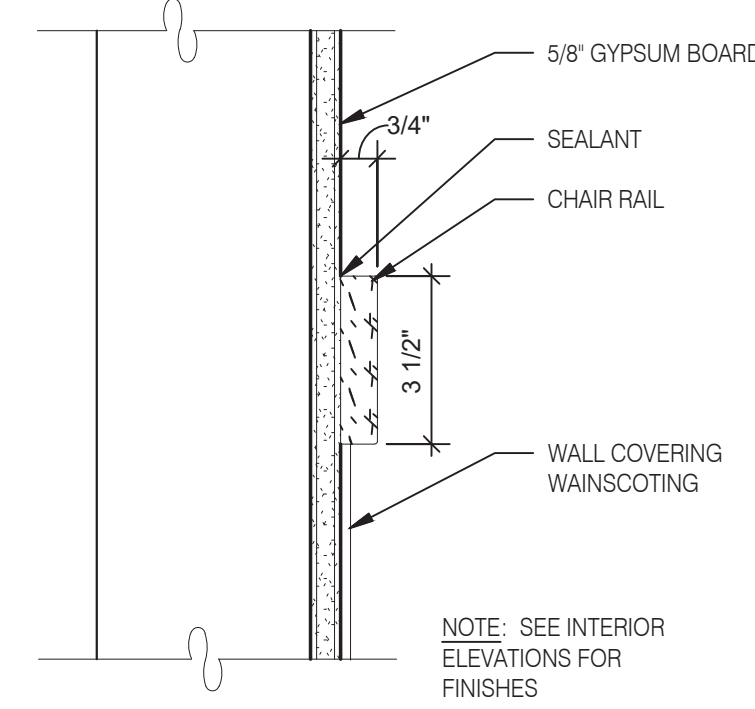


**Walk-in Tile/Base** 1 1/2" = 1'-0" **1**

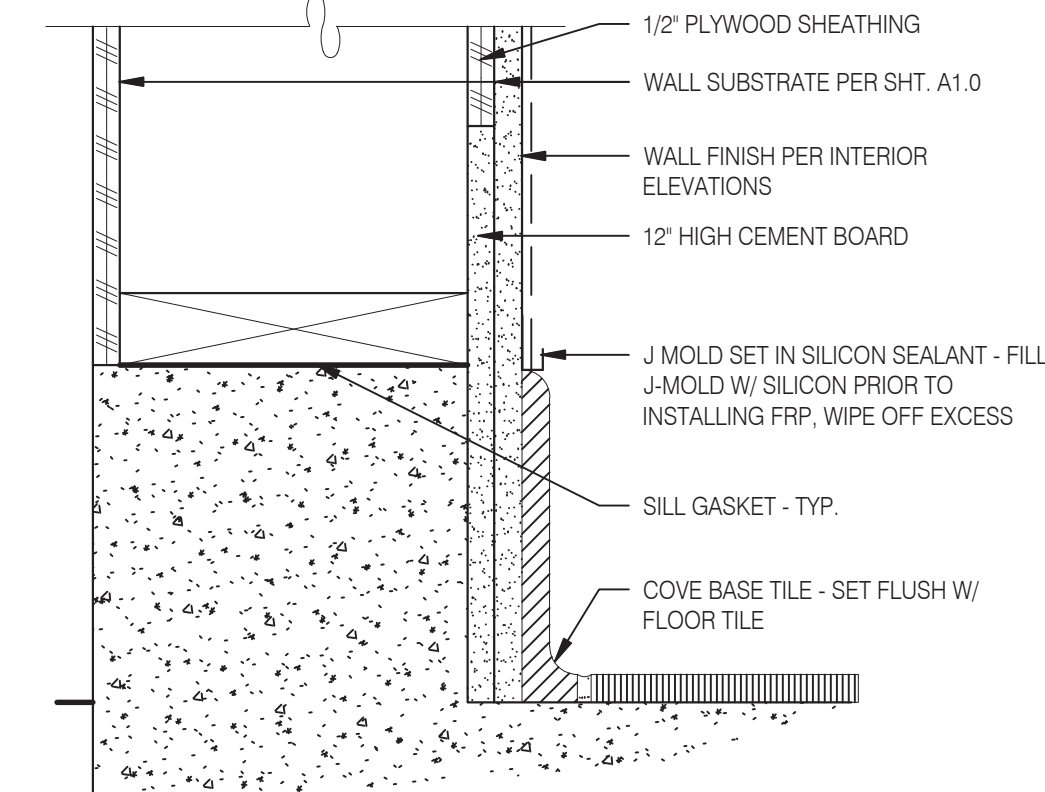


**NOT USED** **18**

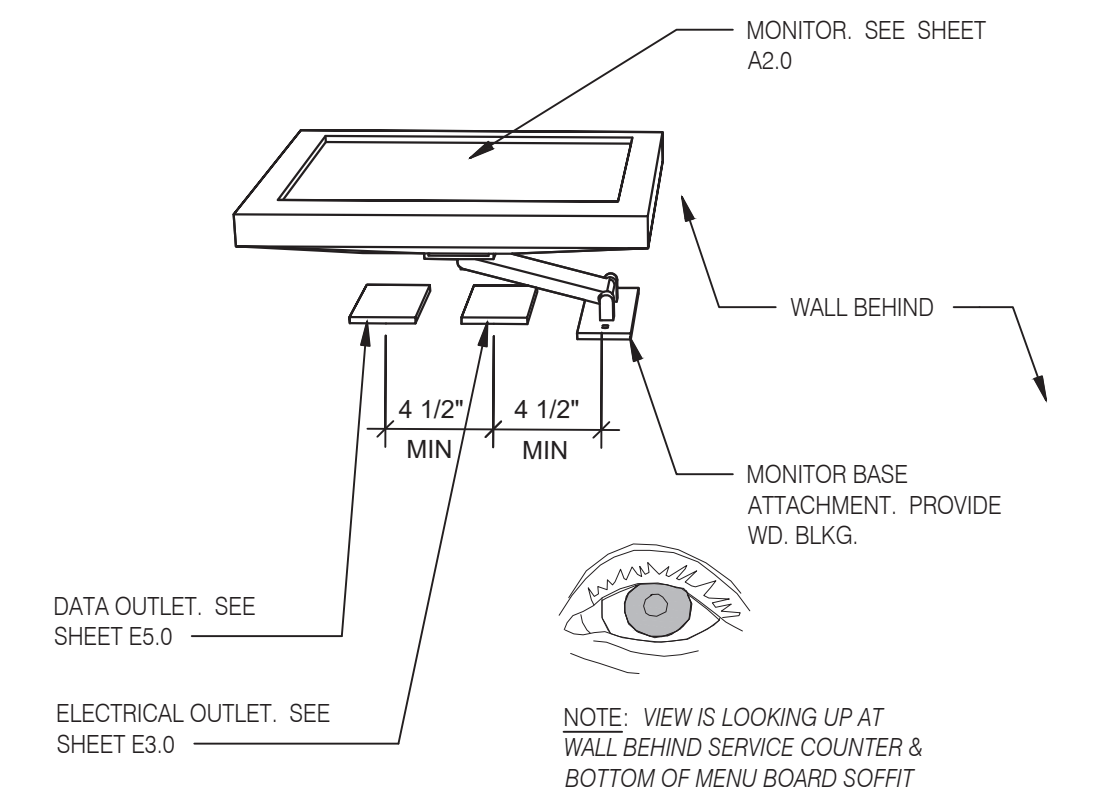
**S.S. Corner & End Wall Guard** 12" = 1'-0" **14**



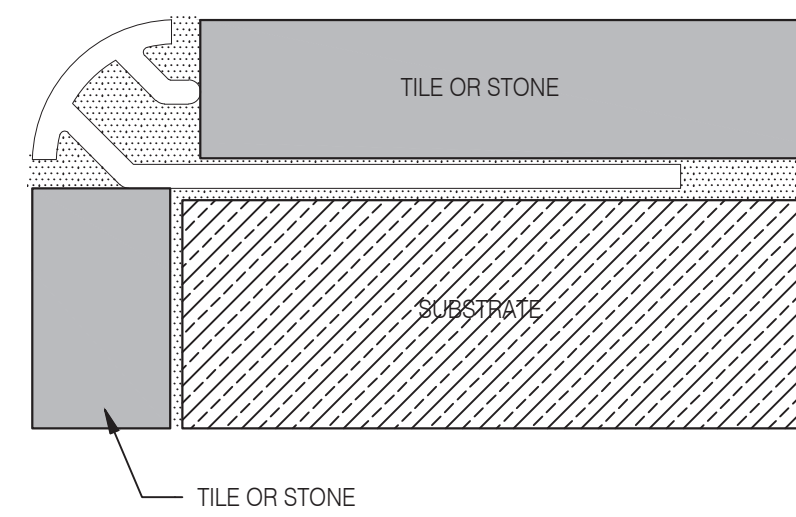
**Chair Rail Detail** 3" = 1'-0" **10**



**Base @ Ext. Wall** 3" = 1'-0" **6**

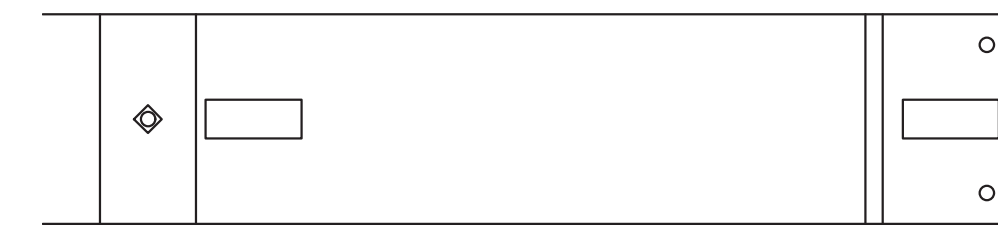


**Wall Mount Monitor** 1 1/2" = 1'-0" **2**

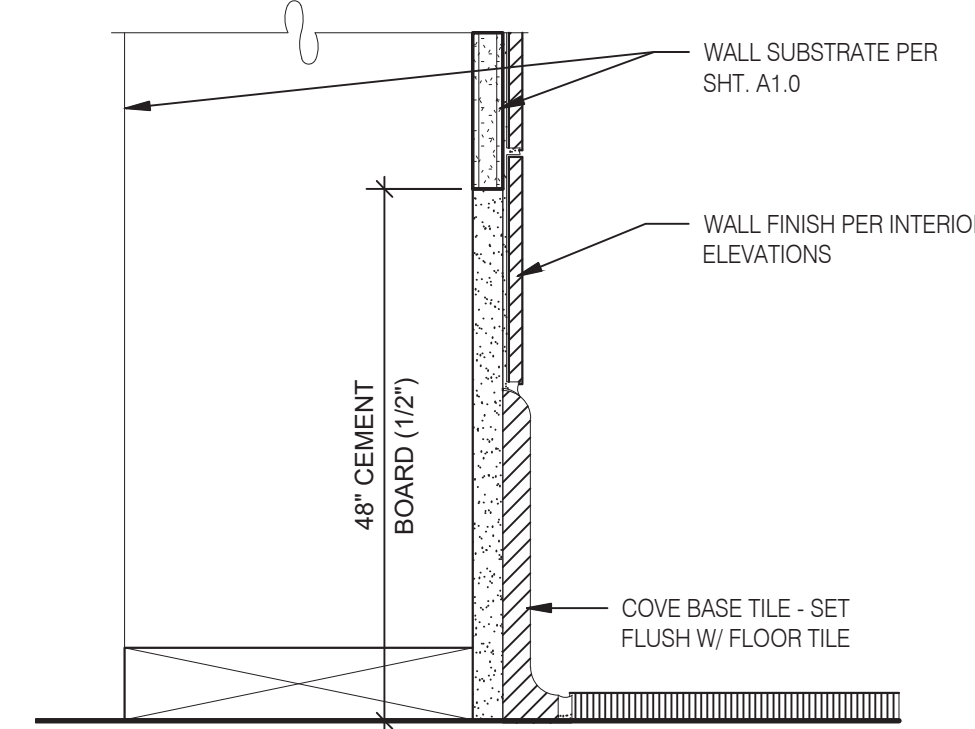


**NOT USED** **19**

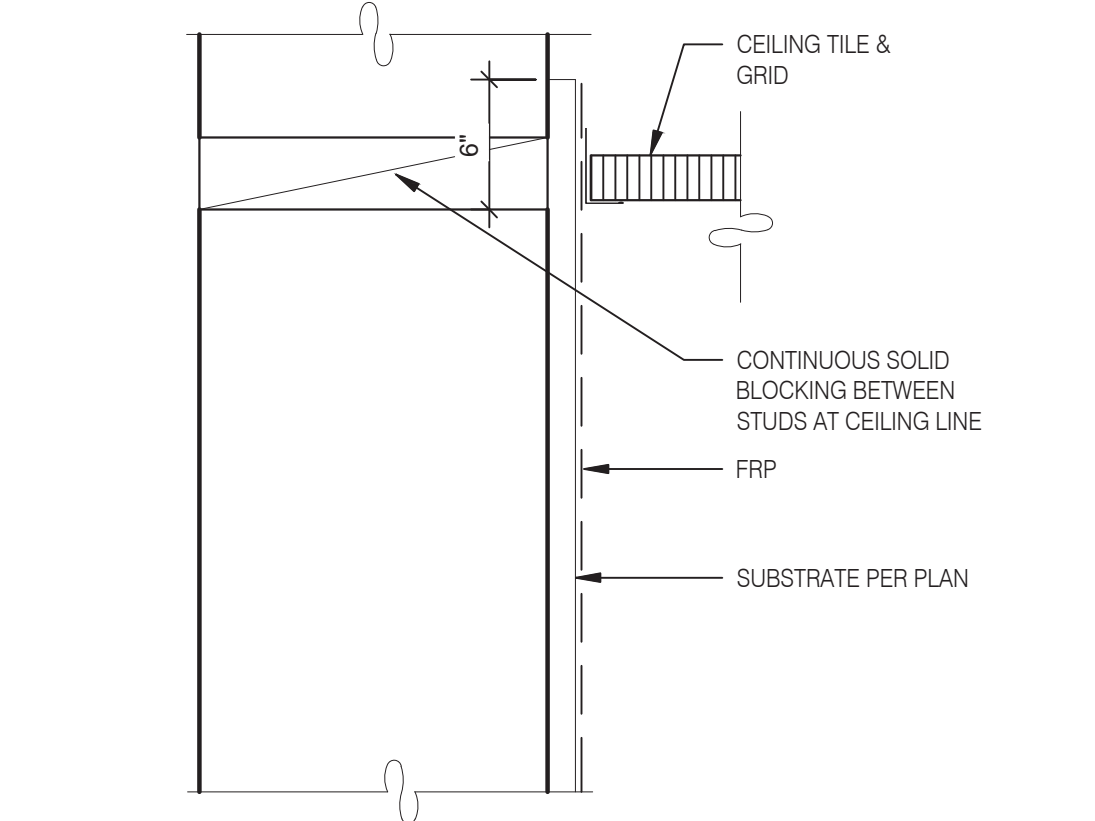
**Schluter Corner Guard** 1 1/2" = 1'-0" **15**



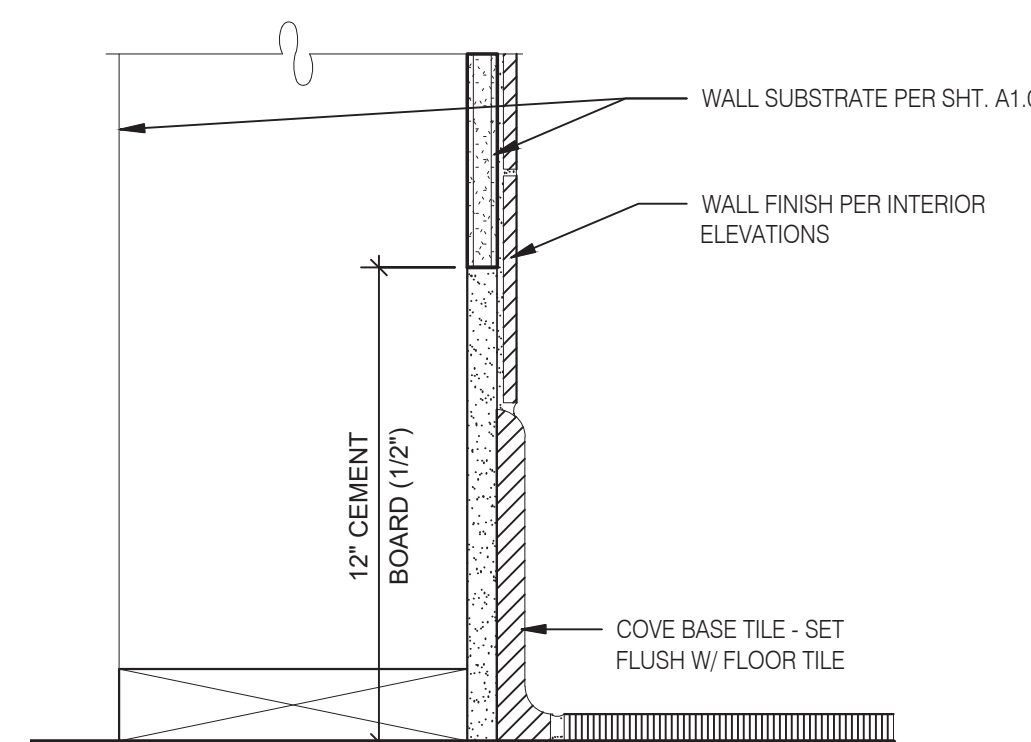
**Rethermalizer Rail Detail** 12" = 1'-0" **11**



**Base in Restroom** 3" = 1'-0" **7**

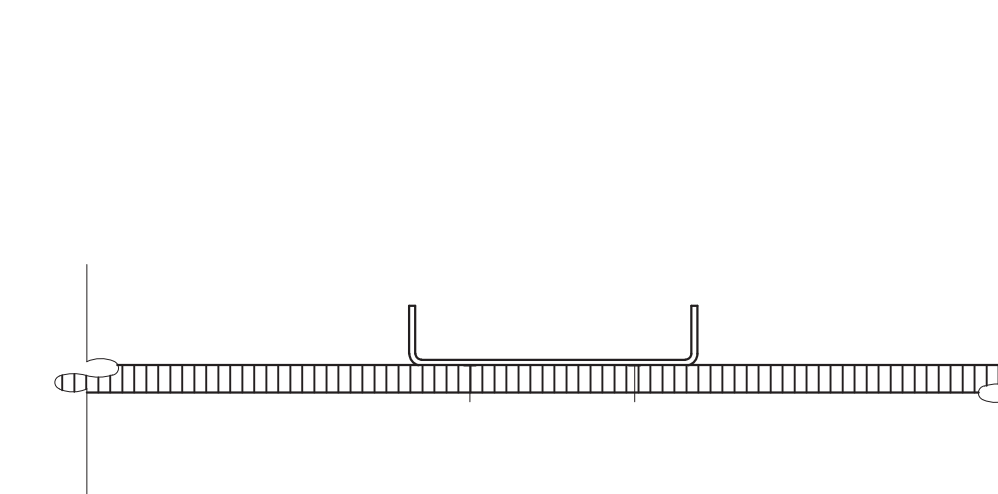


**Kitchen Finish @ Ceiling** 3" = 1'-0" **3**

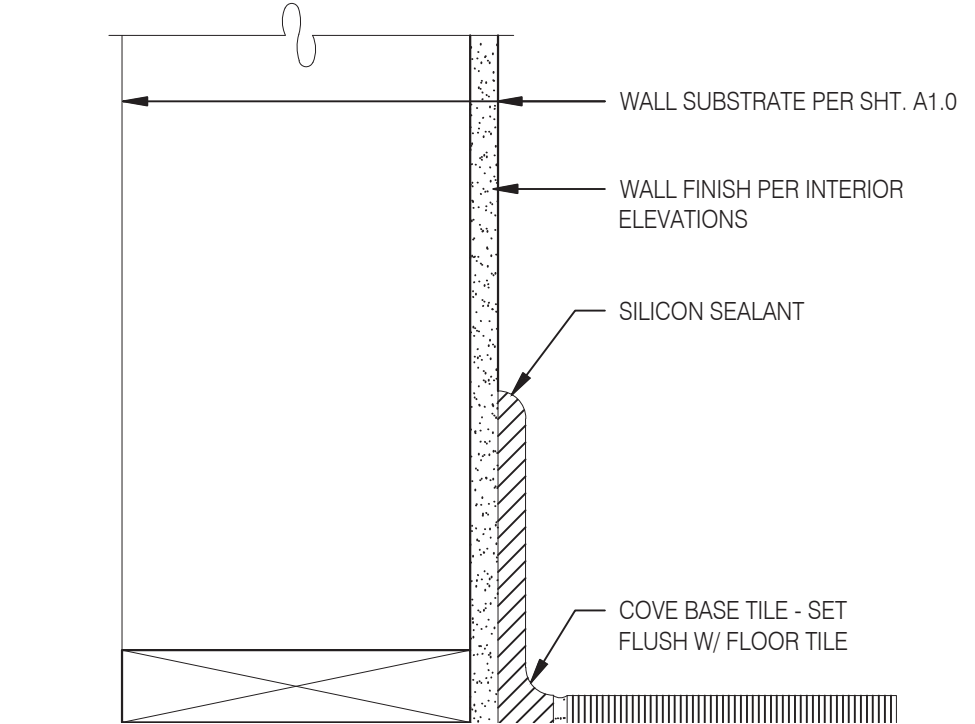


**NOT USED** **20**

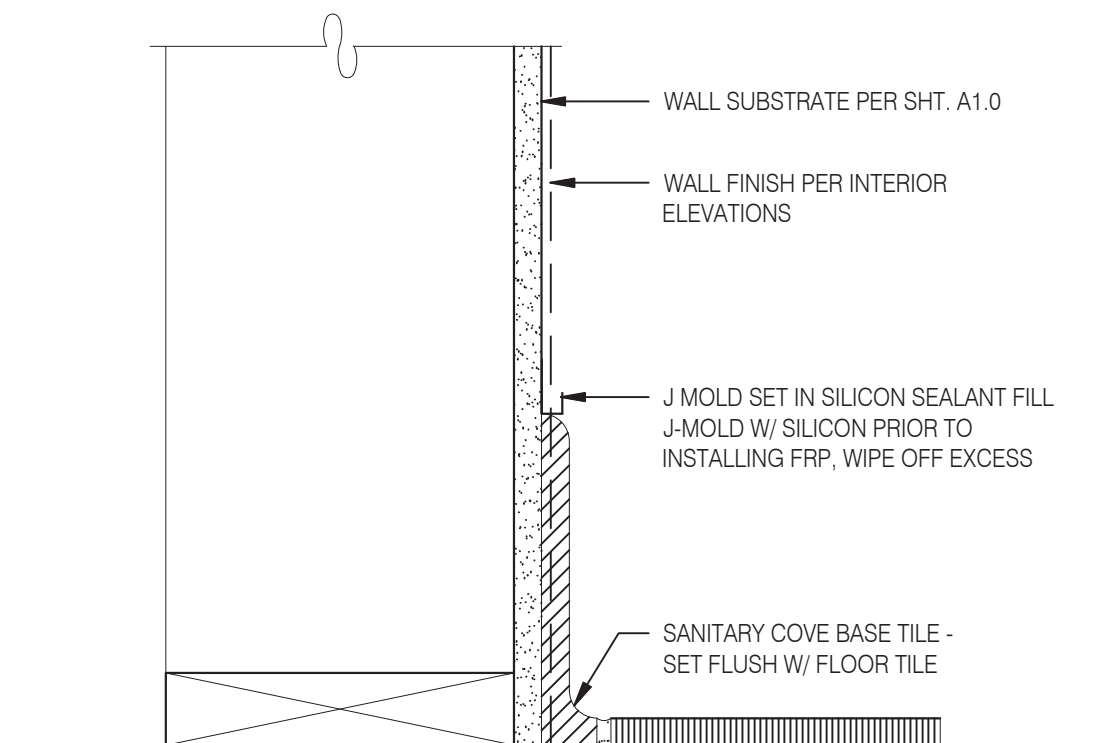
**Base @ Kitchen Wall** 3" = 1'-0" **16**



**Rethermalizer Rail @ Floor** 3" = 1'-0" **12**



**Base @ Dining Room Int. Wall** 3" = 1'-0" **8**



**Base @ Dining Room Int. Wall** 3" = 1'-0" **4**



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DATE	REMARKS

CONTRACT DATE:  
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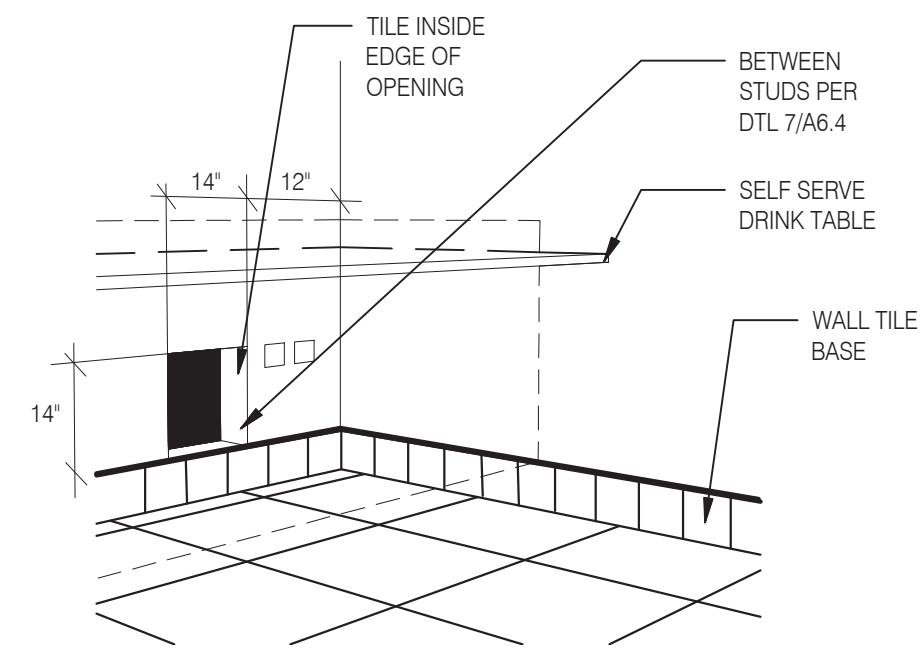
JOB NO.:  
**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0 FINISH DETAILS**

**A6.3**

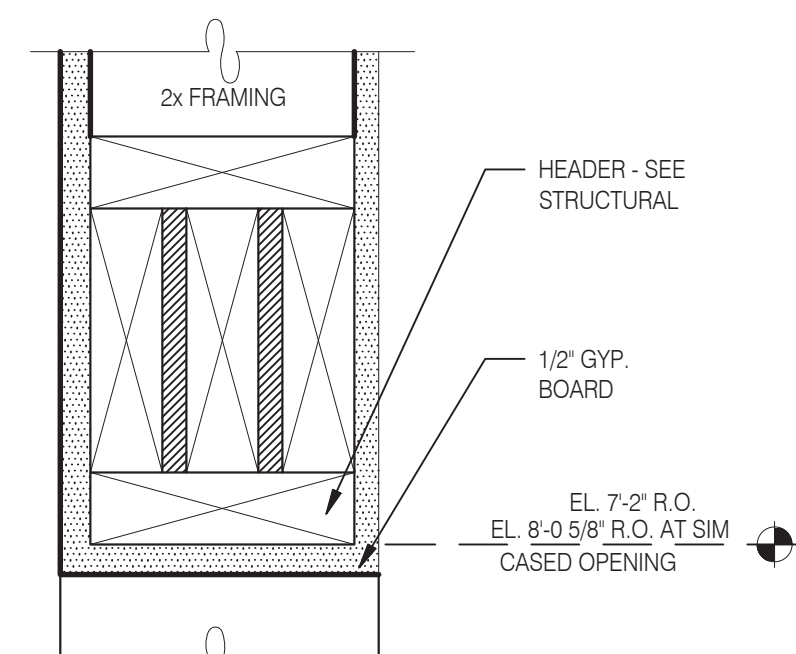
PLOT DATE: 6/23/2022



**WALL PASS THRU**

N.T.S.

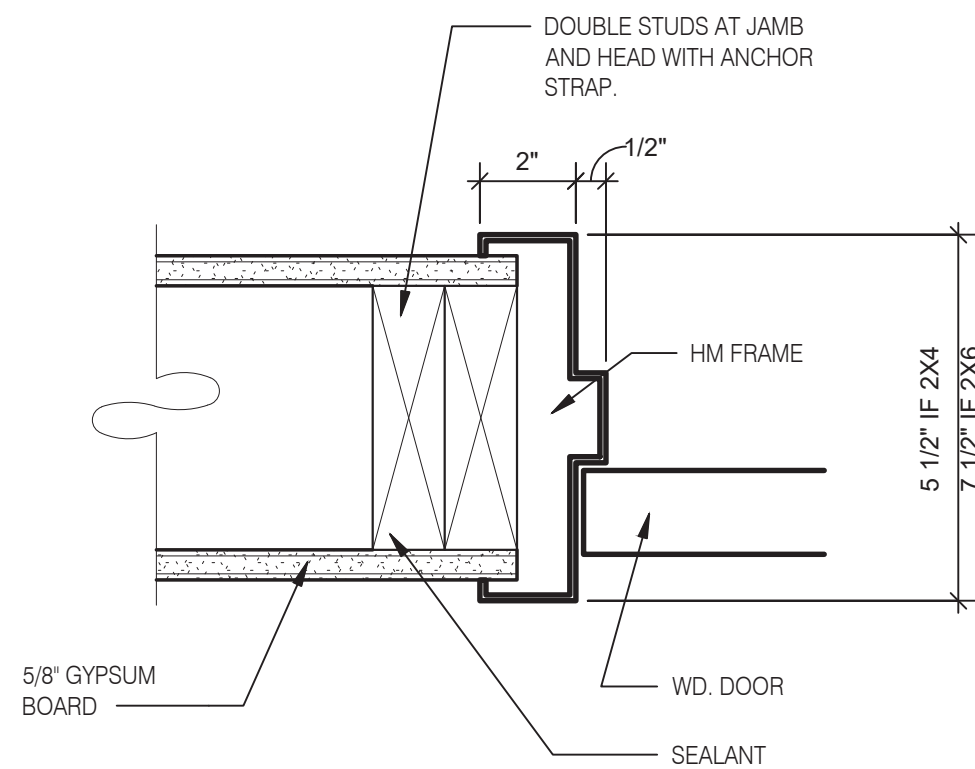
**8**



**CASED OPENING DETAIL**

N.T.S.

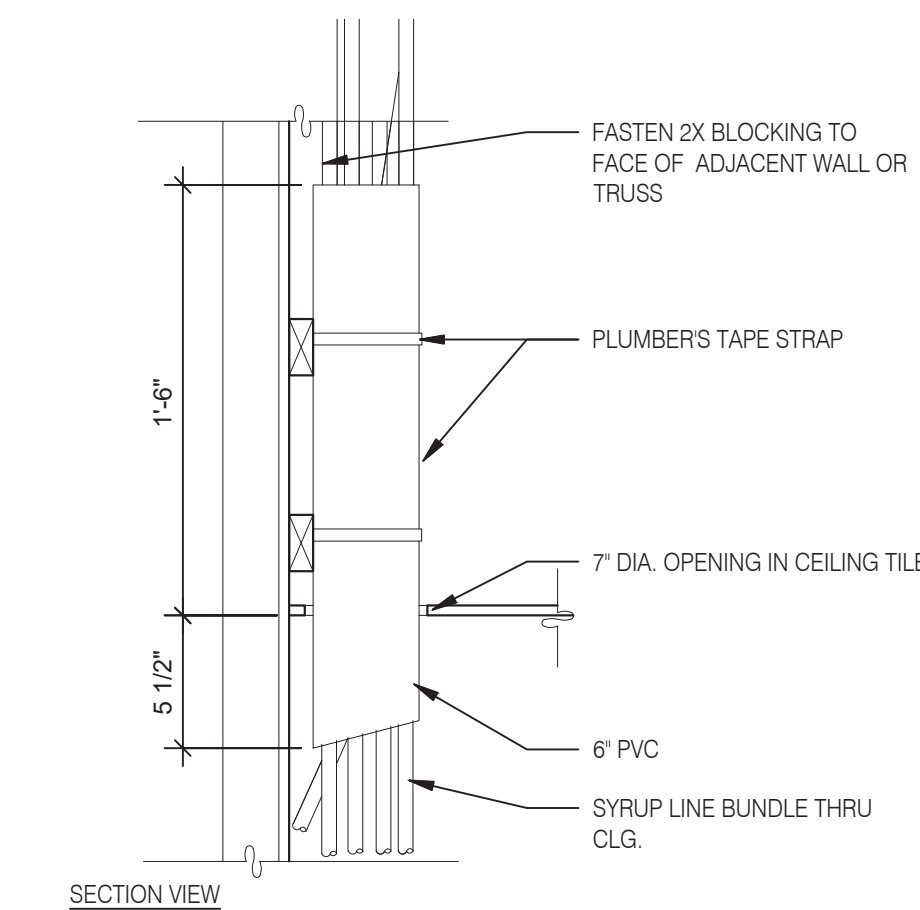
**5**



**HEAD/JAMB @ H.M. DOOR**

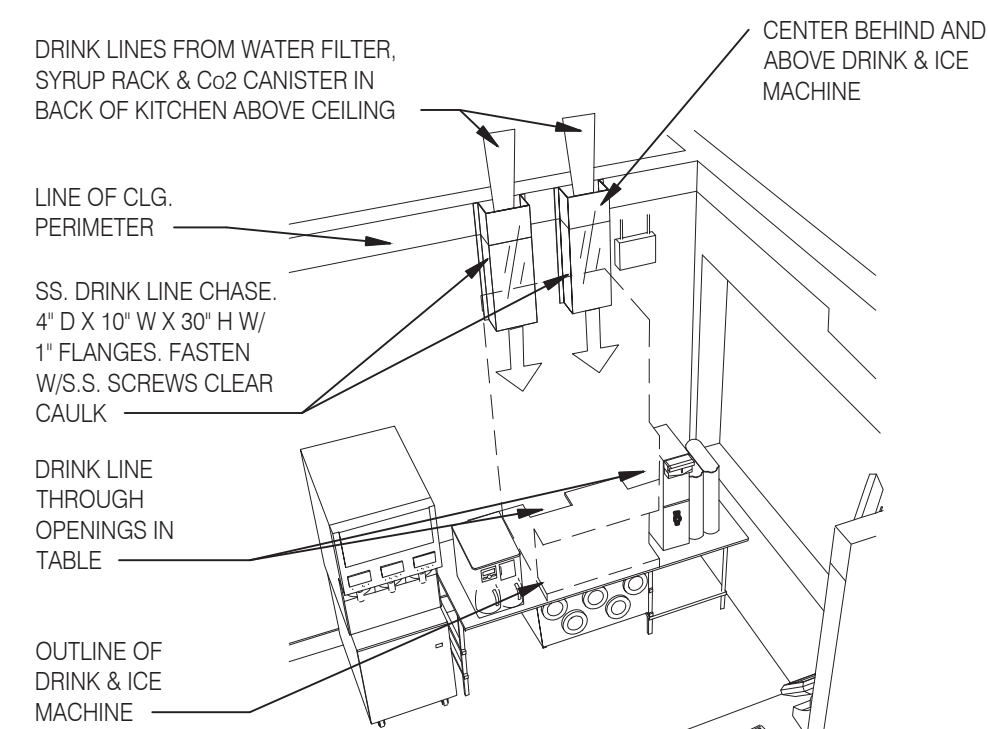
N.T.S.

**6**



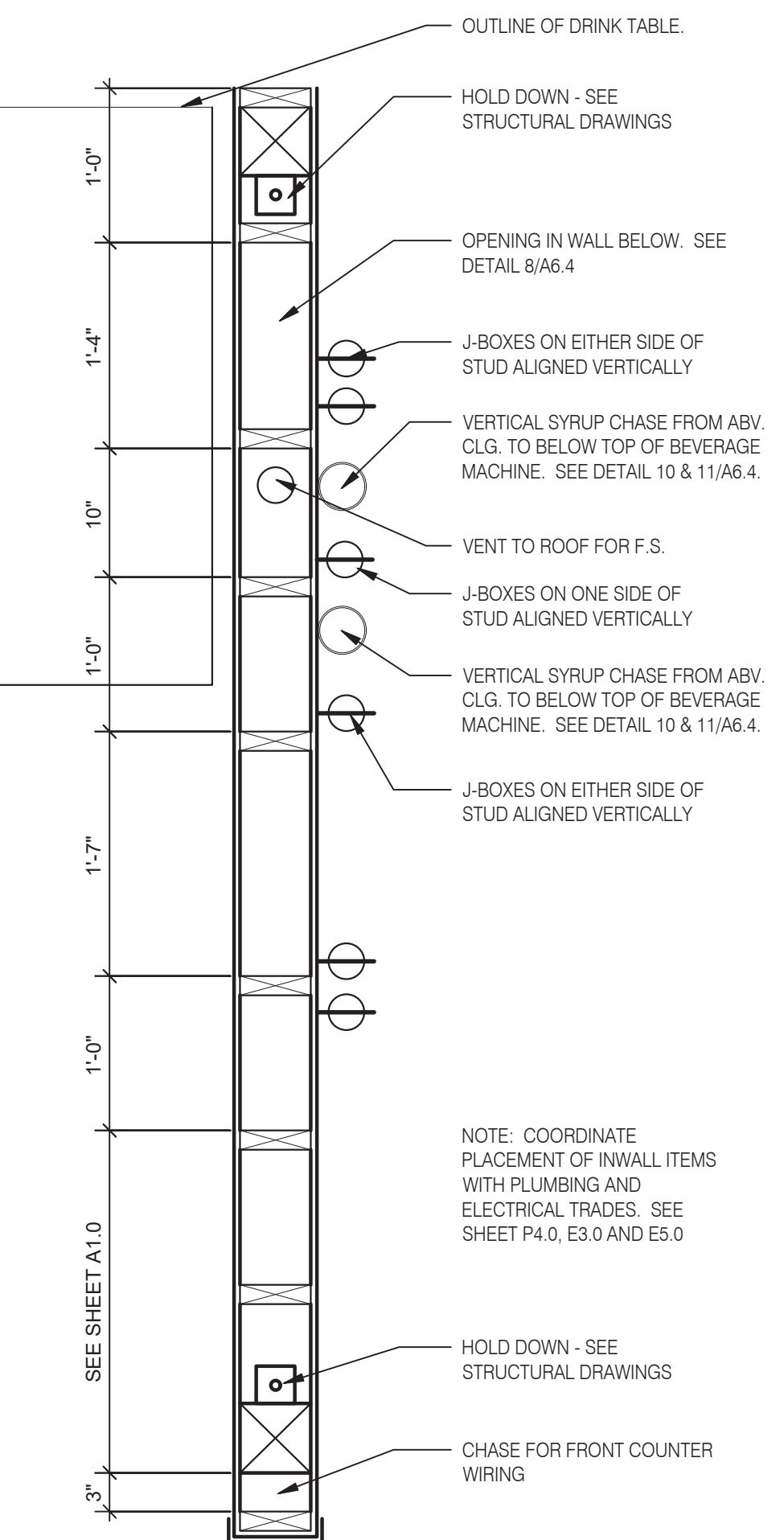
**SYRUP BUNDLE CLG. 1 1/2" = 1'-0"**

**10**



**SYRUP CHASE ON WALL 1 1/2" = 1'-0"**

**11**



**INTERIOR CHASE WALL**

N.T.S.

**7**

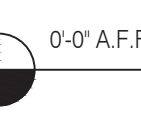
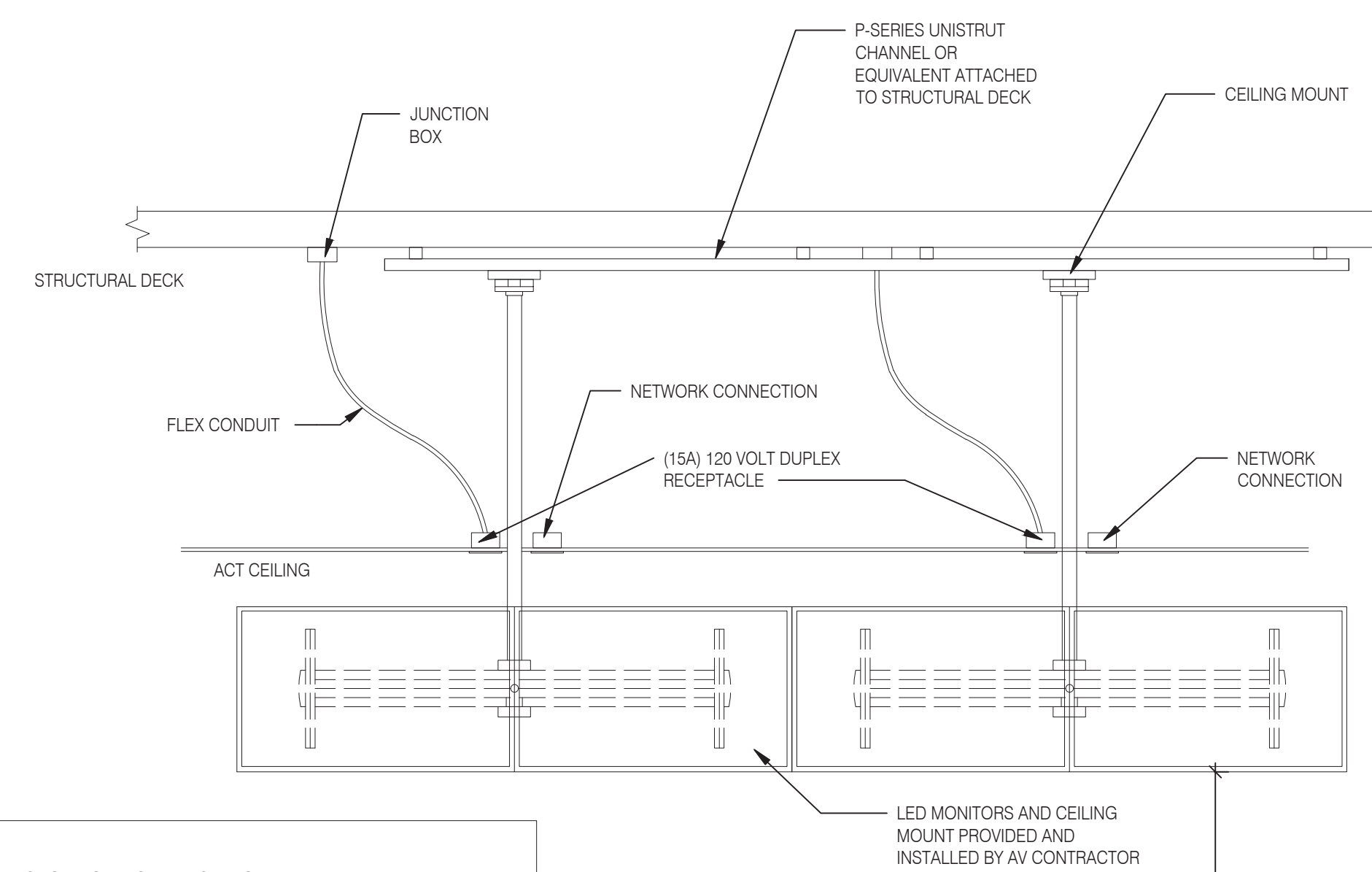
**NOTES:**

1. EC/GC TO INSTALL A TOTAL OF (4) IGS262 DUPLEX OUTLET IN CEILING BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE ORANGE AND STRAIGHT BLADE.
2. EC/GC TO EVALUATE VALANCE CEILING STRUCTURE TO ENSURE ADEQUATE SUPPORT OF DIGITAL MENU BOARDS EQUIPMENT. EC/GC TO INSTALL ADDITIONAL BLOCKING (AS REFERENCED ON DRAWINGS) AS NEEDED TO ENSURE ADEQUATE SUPPORT OF DIGITAL MENU BOARDS.
3. EC/GC TO INSTALL (1) DATA JUNCTION (JB) IN CEILING AS SHOWN. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.
4. EC/GC TO RUN (3) CAT6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE. FOR DMB INSTALL TEA. CAT6 TO BE RUN IN ACCORDANCE WITH ALLOCAL MUNICIPALITY CODE REQUIREMENTS.
5. EC/GC SHALL ACQUIRE AND SECURE ANY ALL REQUIRED PERMITTING FOR THE WORK MENTIONED ABOVE PER MUNICIPALITY CODE REQUIREMENTS.
6. DRAWING PROVIDED IS FOR INSTALLATION OF DMB EQUIPMENT ONLY. NOT TO BE USED FOR ARCHITECTURAL PURPOSES. IF PLACEMENT OF REQUIRED ELEMENTS CANNOT BE MET AND WILL EXCEED A 3IN DEVIATION, STRATACACHE MUST BE NOTIFIED IMMEDIATELY.

JB = JUNCTION BOX  
GC = GENERAL CONTRACTOR  
EC = ELECTRICAL CONTRACTOR

**ELECTRICAL SCHEDULE**

QTY	DESCRIPTION	VOLT/PH	BRK SIZE	COND/WIRE	PNL/CCT	RECP TYPE	HGT AFF	REQUIREMENTS & REMARKS
4	MENUE BORAD - DIGITAL & MEDIA PLAYER	120/1 ISOLATED	20A	-----	-----	(4) IGS262	SEE PLAN	SEE LAYOUT AND NOTES



0'-0" A.F.F.

**MENU BOARD MOUNTING DETAIL 3/4" = 1'-0"**

**1**



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JOB NO.:

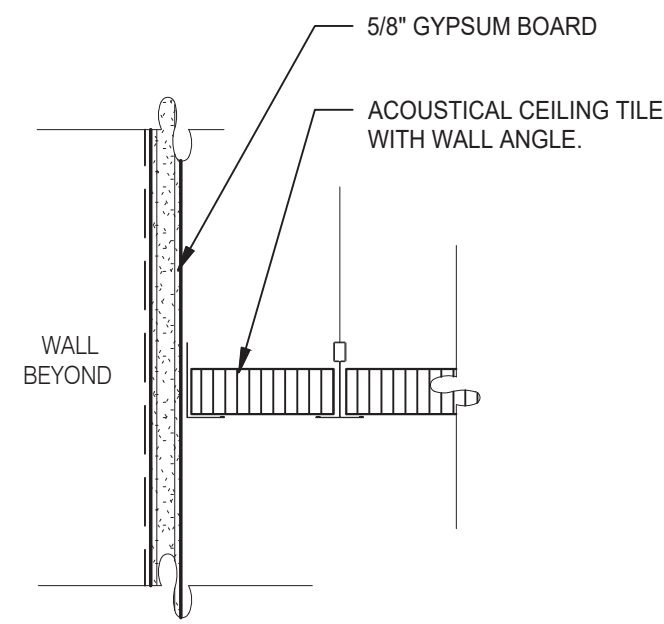
**GREAT LAKES TACO, LLC**  
2727 Main Street (M-53)  
Marquette, Michigan 48453



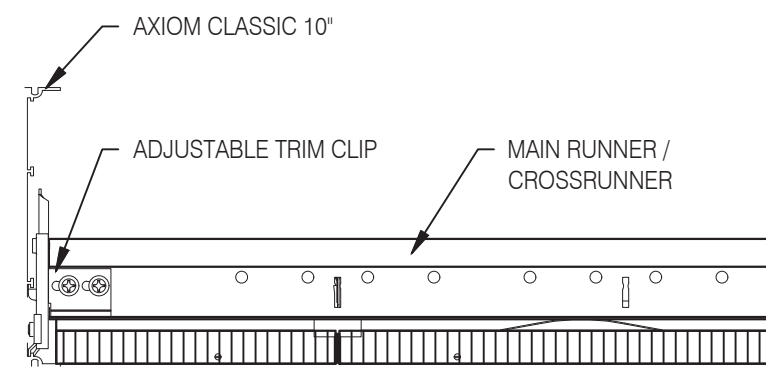
**ENDEAVOR 2.0 CONSTRUCTION DETAILS INTERIOR**

**A6.4**

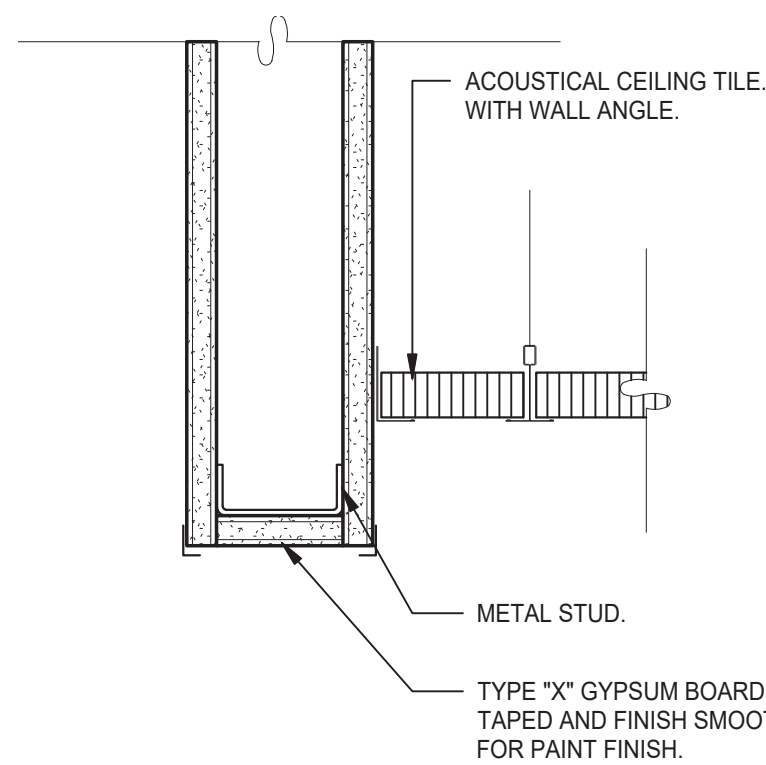
PLOT DATE: 6/23/2022



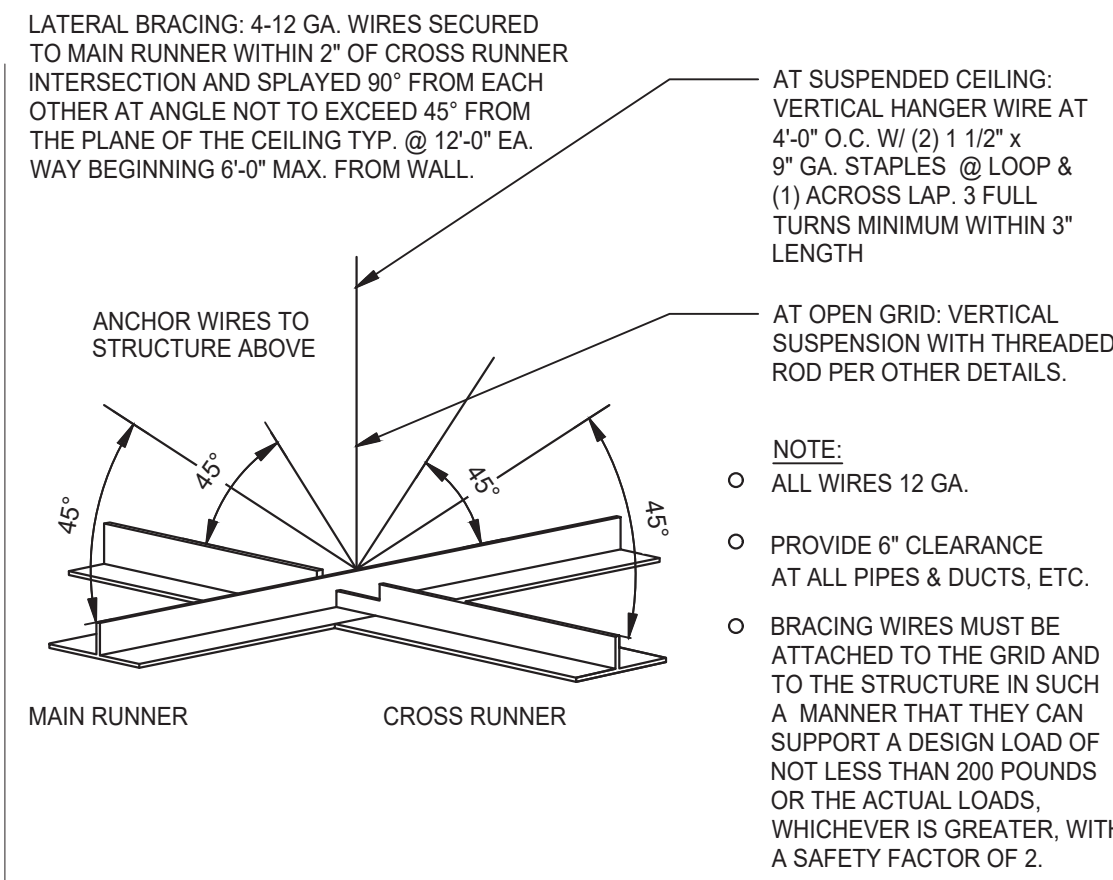
**GYPSUM BOARD TRANSITION** 3" = 1'-0" **17**



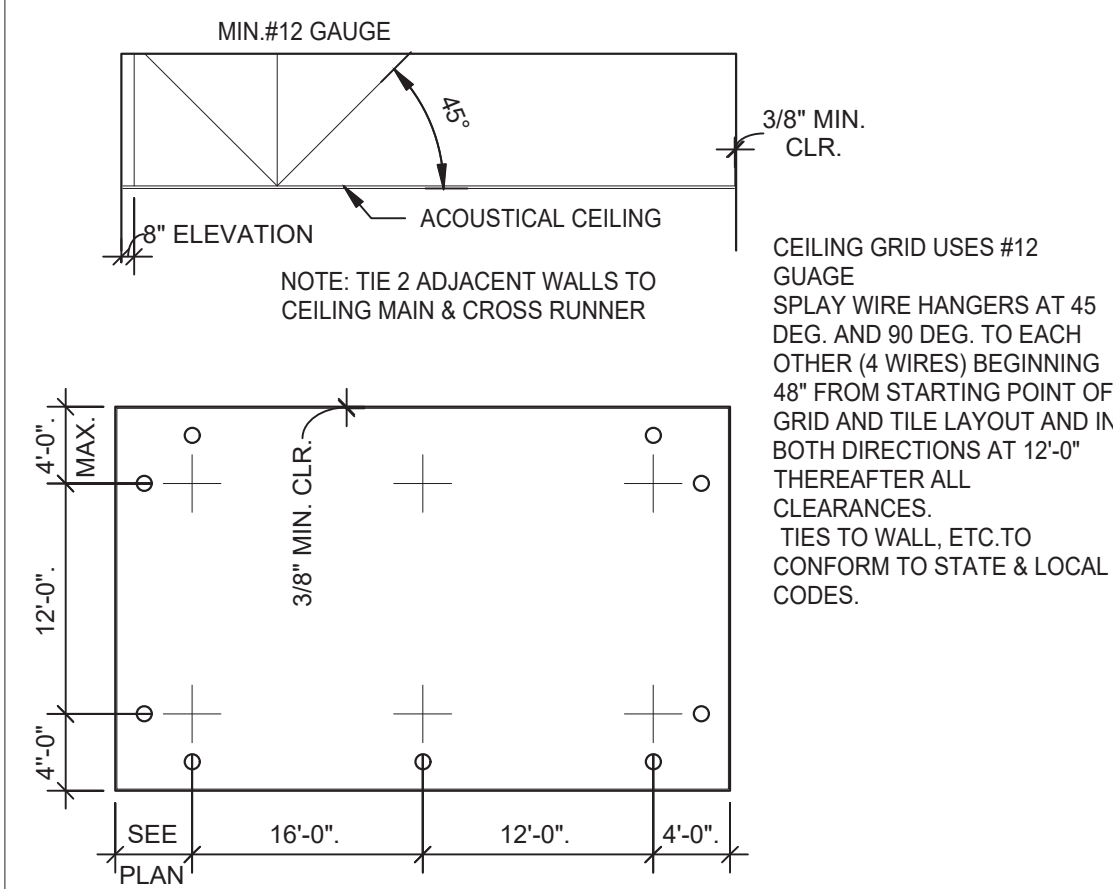
**ASSEMBLY CLIP-ON** 3" = 1'-0" **13**



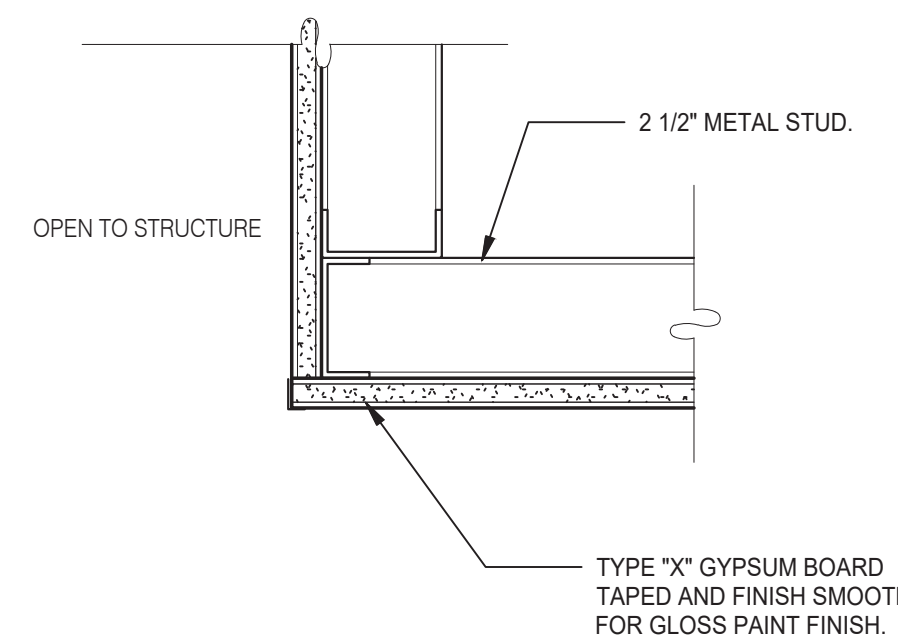
**CEILING HEADER TRANSITION** 3" = 1'-0" **14**



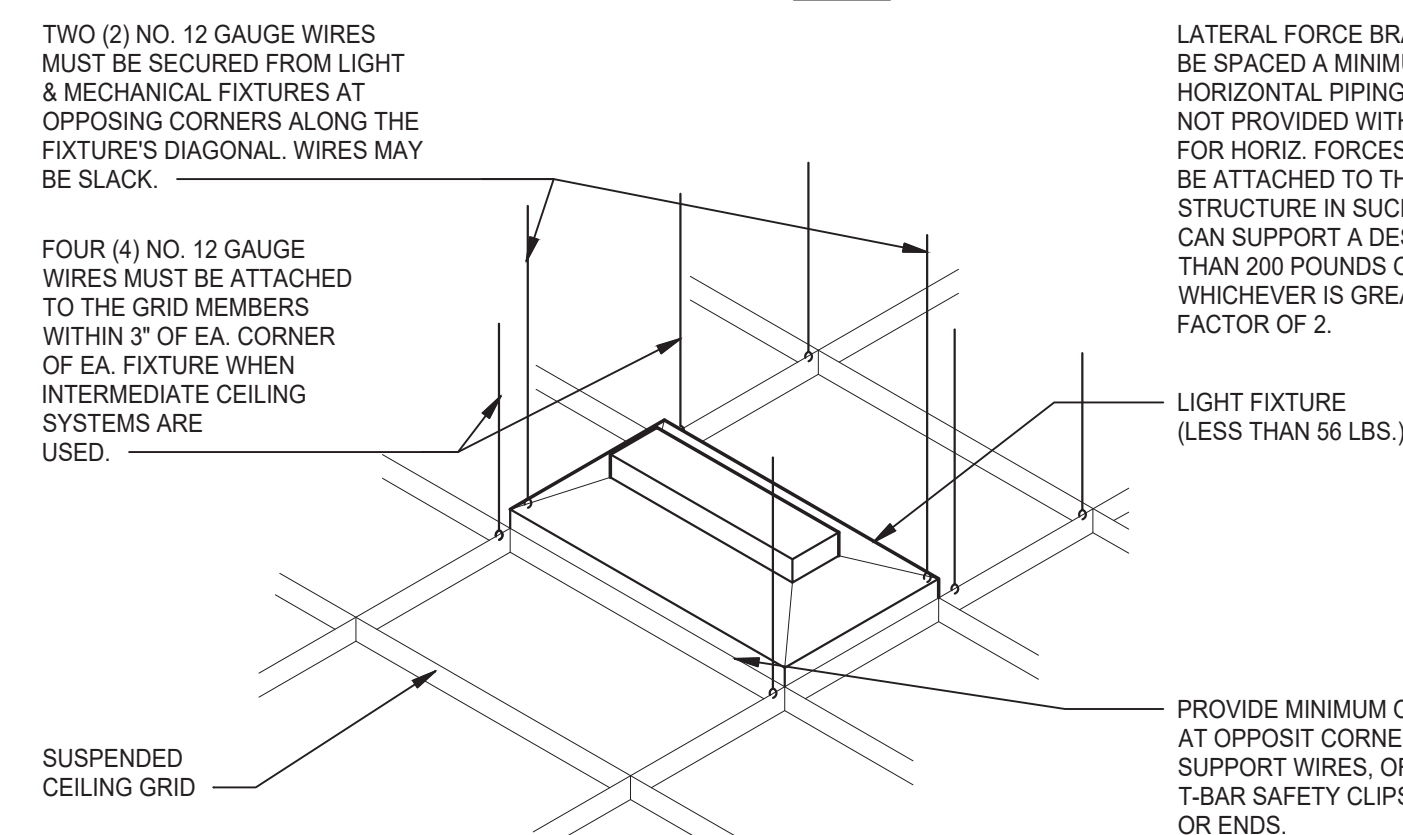
**SUSPENDED ACOUSTICAL CEILING** 3" = 1'-0" **9**



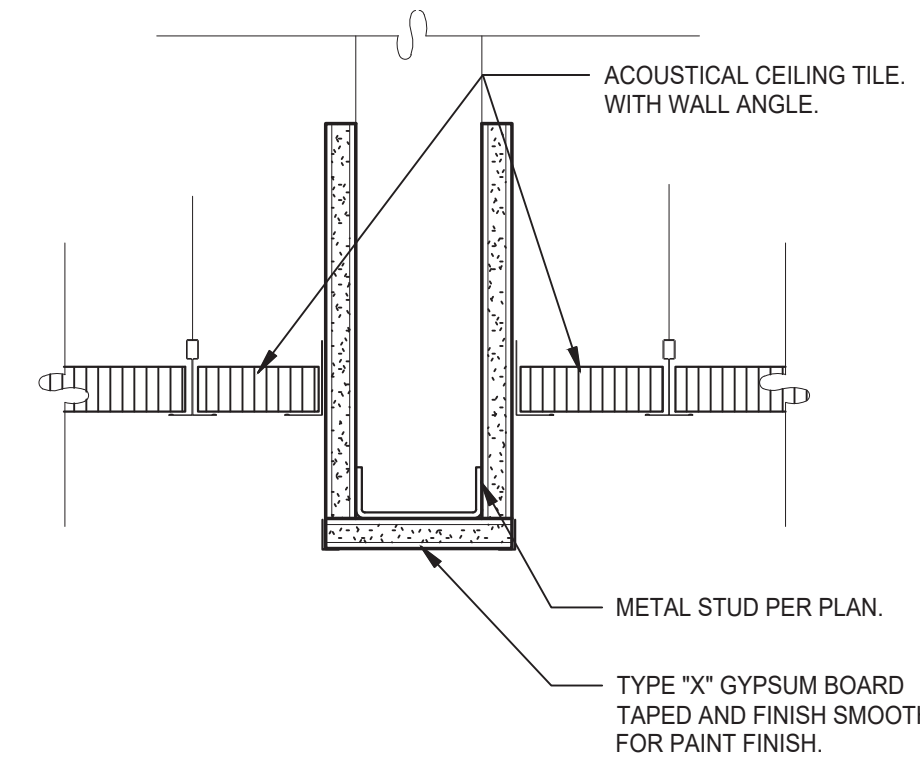
**SUSPENDED CEILING GRID** 12" = 1'-0" **10**



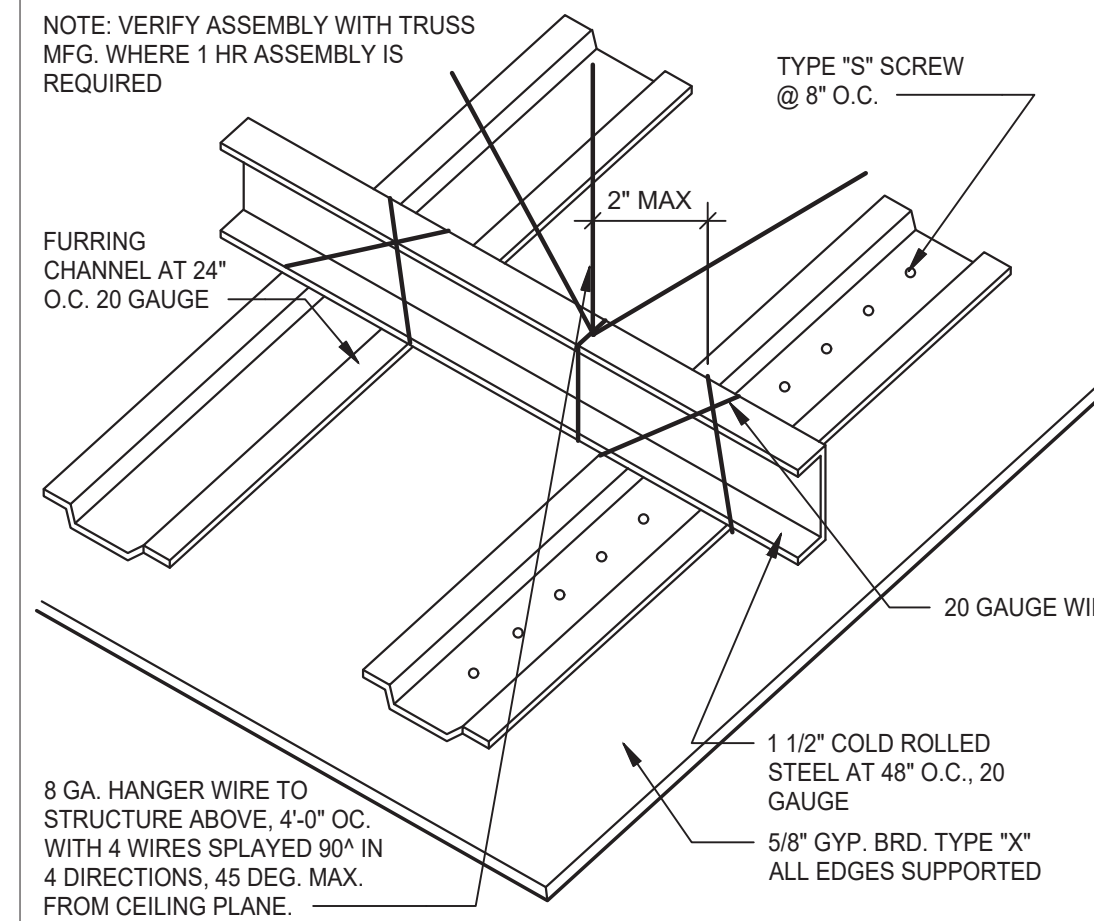
**CEILING TRANSITION** 3" = 1'-0" **11**



**LIGHT FIXTURE @ SUSP. CLNG.** 12" = 1'-0" **8**



**CEILING HEADER TRANSITION** 3" = 1'-0" **5**



**GYPSUM BOARD CEILING** 3" = 1'-0" **6**

**MEMBER DEPTH:**  
(EXAMPLE: 6" = 600 X 1/100 INCHES)  
ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES. FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE DIMENSION.

**FLANGE WIDTH:**  
(EXAMPLE: 1 5/8" = 1.625" - 162 X 1/100 INCHES) ALL FLANGE WIDTHS ARE TAKEN IN 1/100 INCHES.

**MATERIAL THICKNESS:**  
(EXAMPLE: 0.054 IN. = 54 MILS; 1 MIL = 1/1000 IN.)  
THE MINIMUM BASE METAL THICKNESS IN MILS. MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

**STYLE:**  
(EXAMPLE: STUD OR JOIST SECTION = S)  
THE FOUR ALPHA CHARACTERS UTILIZED BY THE DESIGNATOR SYSTEM ARE:  
S = STUD OR JOIST, T = TRACK, U = CHANNEL, F = FURRING

CEILING SPAN TABLE NOTES:

- VALUES ARE FOR SINGLE SPANS.
- ALLOWABLE CEILING SPAN CALCULATIONS BASED ON 33KSI YIELD STRENGTH STEEL.
- FOR FULLY BRACED CEILINGS, USE MID-SPAN BRACED VALUES.
- END BEARING LENGTH = 1" MINIMUM.

SECTION:	(MIL)	4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE UNSUPPORTED JOIST SPACING (IN.) O.C.					
		12"	16"	24"	12"	16"	24"
362S125	18	9'-3"	8'-7"	7'-7"	12'-8"	11'-7"	10'-0"
362S125	27	10'-8"	9'-10"	8'-10"	15'-0"	13'-11"	12'-4"
362S125	30	11'-0"	10'-2"	9'-1"	15'-6"	14'-4"	12'-10"
362S125	33	11'-5"	10'-7"	9'-5"	16'-2"	14'-10"	13'-3"
362S125	43	12'-8"	11'-8"	10'-5"	17'-9"	16'-5"	14'-8"
362S137	27	12'-0"	11'-2"	10'-0"	17'-2"	15'-11"	14'-3"
362S137	33	12'-11"	11'-11"	10'-8"	18'-4"	16'-11"	15'-2"
362S137	43	14'-3"	13'-2"	11'-8"	20'-0"	18'-6"	16'-7"
362S162	33	14'-8"	13'-7"	12'-2"	20'-10"	18'-11"	16'-6"
362S162	43	16'-2"	14'-11"	13'-4"	22'-8"	20'-7"	18'-0"
400S125	27	10'-11"	10'-11"	9'-1"	15'-5"	14'-3"	12'-9"
400S125	30	11'-4"	10'-5"	9'-4"	16'-0"	14'-9"	13'-2"
400S125	33	11'-9"	10'-10"	9'-8"	16'-7"	15'-3"	13'-8"
400S125	43	13'-0"	12'-0"	10'-8"	18'-3"	16'-10"	15'-0"
400S137	27	12'-4"	11'-5"	10'-3"	17'-7"	16'-4"	14'-8"
400S137	33	13'-3"	12'-3"	10'-11"	18'-9"	17'-4"	15'-7"
400S137	43	14'-7"	13'-6"	12'-0"	20'-7"	19'-0"	17'-0"
400S162	33	15'-0"	13'-11"	12'-6"	21'-5"	19'-10"	17'-9"
400S162	43	16'-7"	15'-3"	13'-8"	23'-4"	21'-7"	19'-4"
600S125	27	12'-5"	11'-6"	10'-4"	17'-11"	16'-6"	14'-9"
600S125	30	12'-9"	11'-10"	10'-8"	18'-5"	17'-1"	15'-3"
600S125	33	13'-2"	12'-3"	11'-0"	18'-11"	17'-7"	15'-10"
600S125	43	14'-6"	13'-4"	11'-11"	20'-6"	19'-0"	17'-0"
600S137	33	14'-11"	13'-9"	12'-5"	21'-5"	19'-10"	17'-10"
600S137	43	16'-3"	15'-0"	13'-5"	23'-1"	21'-5"	19'-3"
600S162	33	16'-11"	15'-8"	14'-1"	24'-5"	22'-8"	20'-5"
600S162	43	18'-5"	17'-0"	15'-3"	26'-4"	24'-4"	21'-11"

NOTE: ALL JOIST INFORMATION IS BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) ICC ESR-3064P

**ALLOWABLE CEILING SPANS-L/240** 12" = 1'-0" **3**



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JOB NO.:

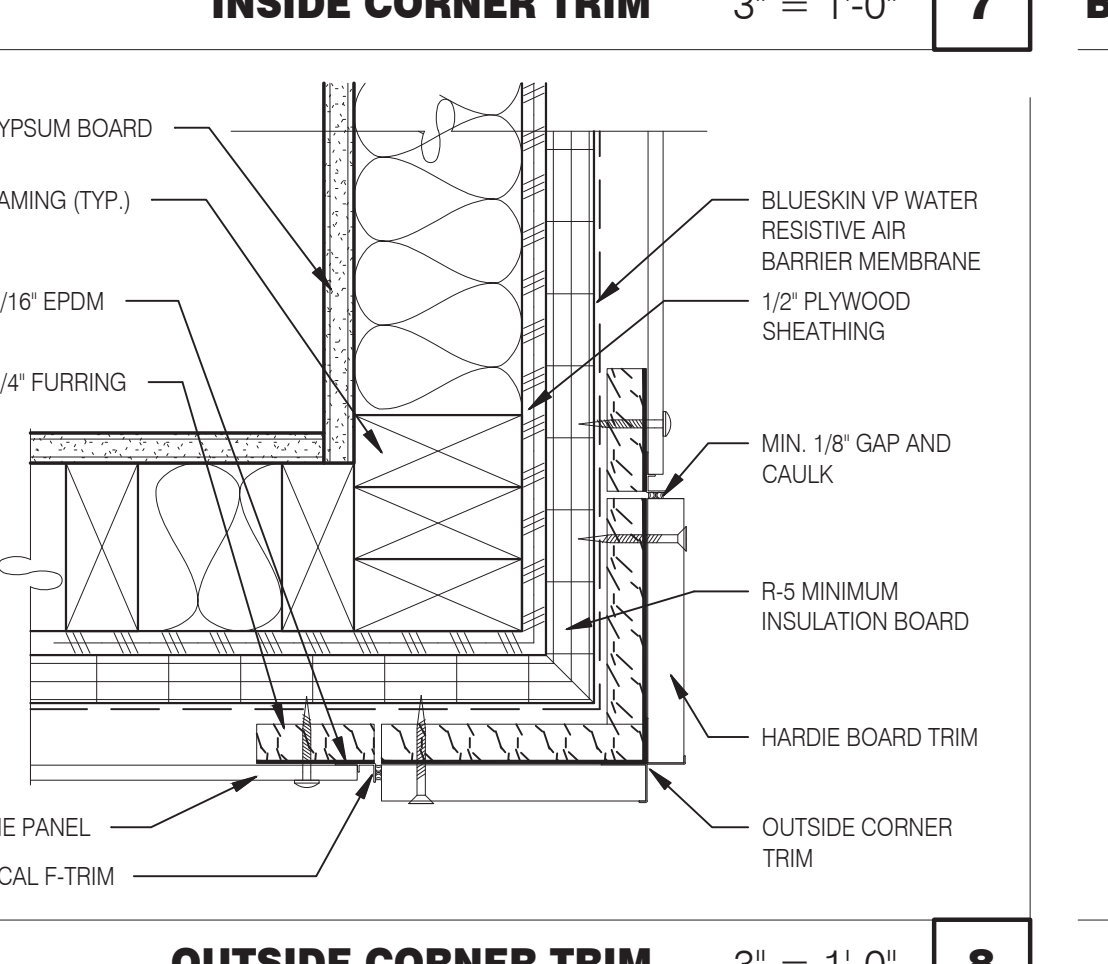
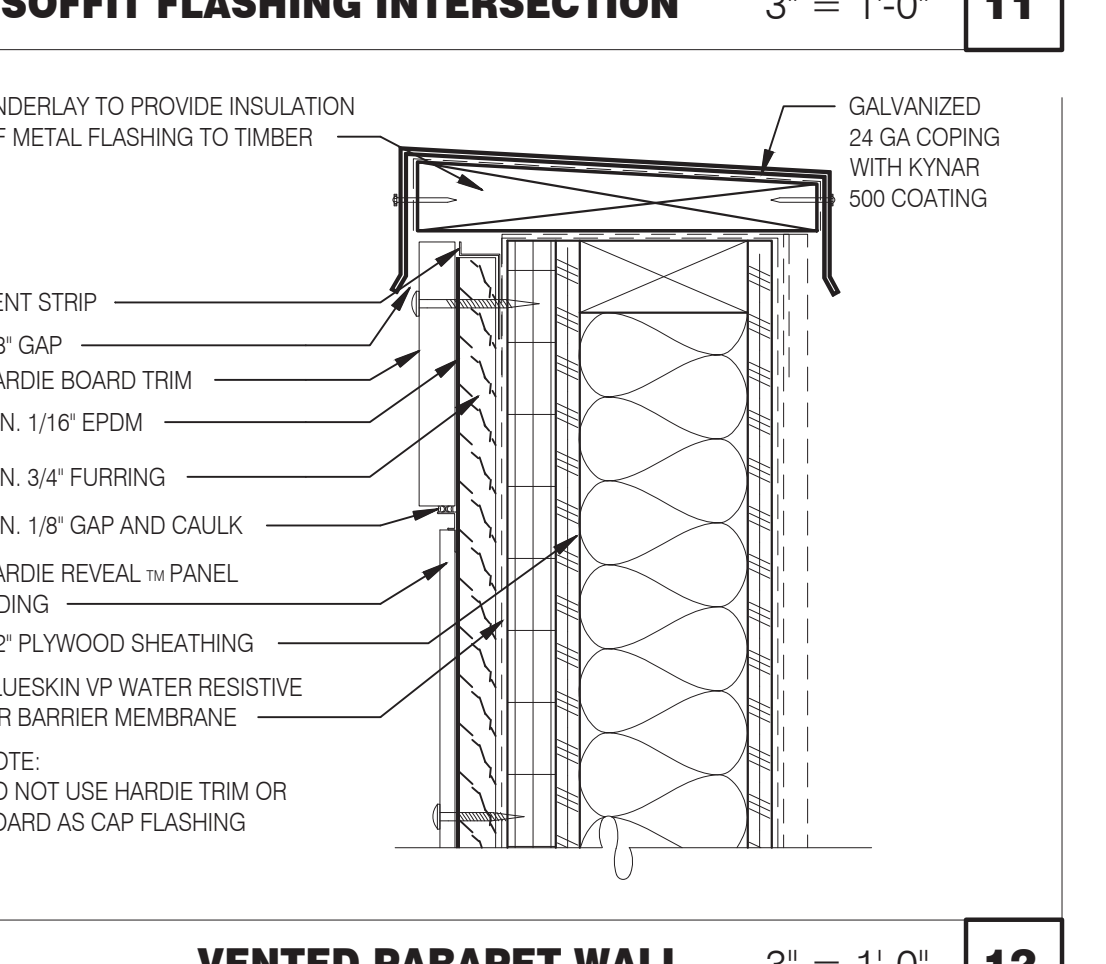
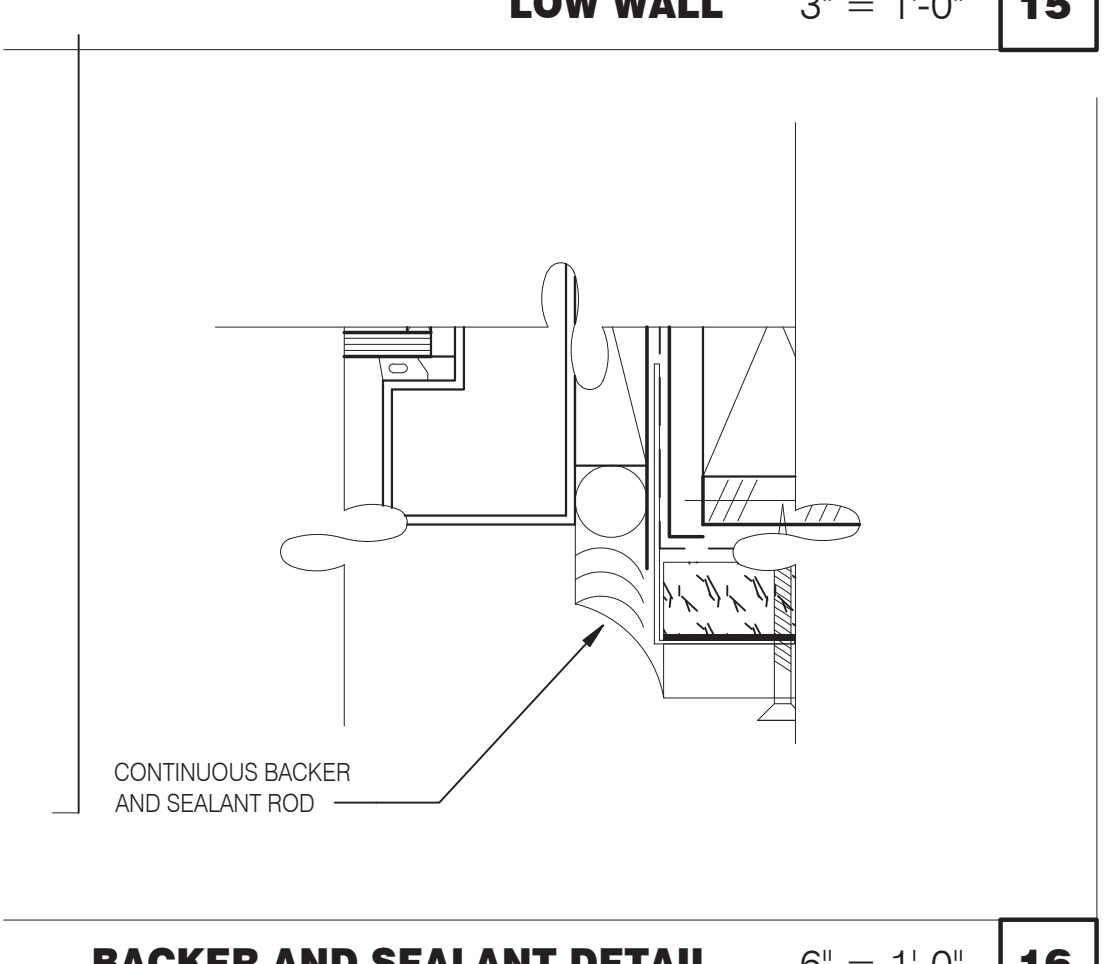
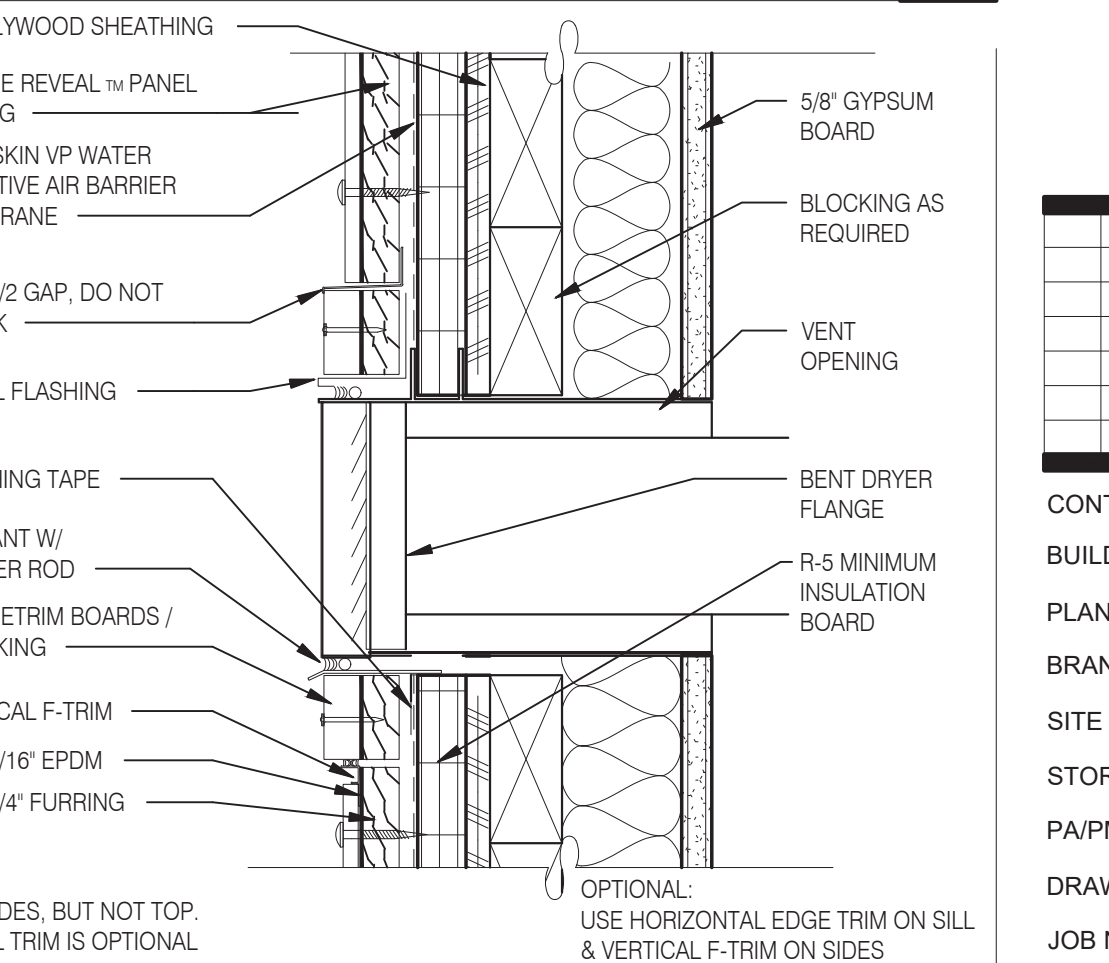
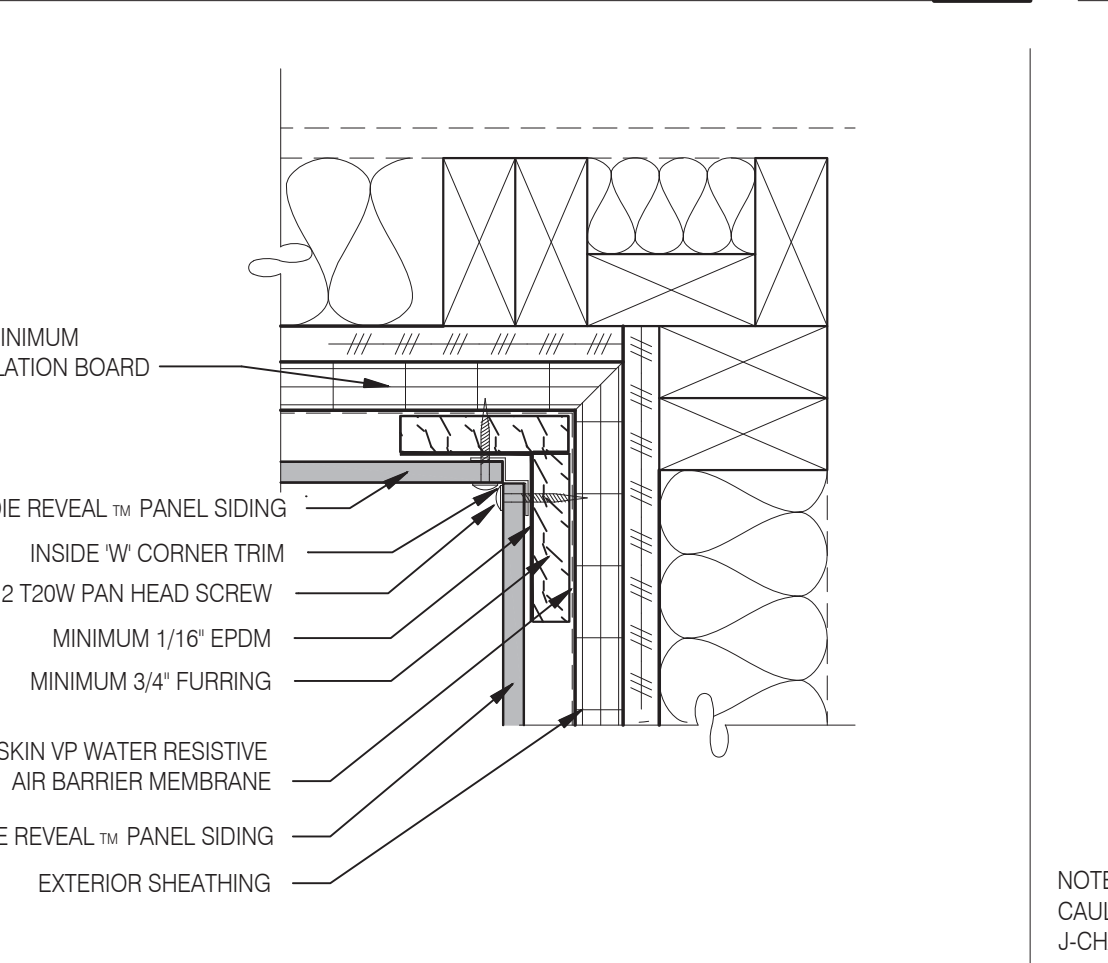
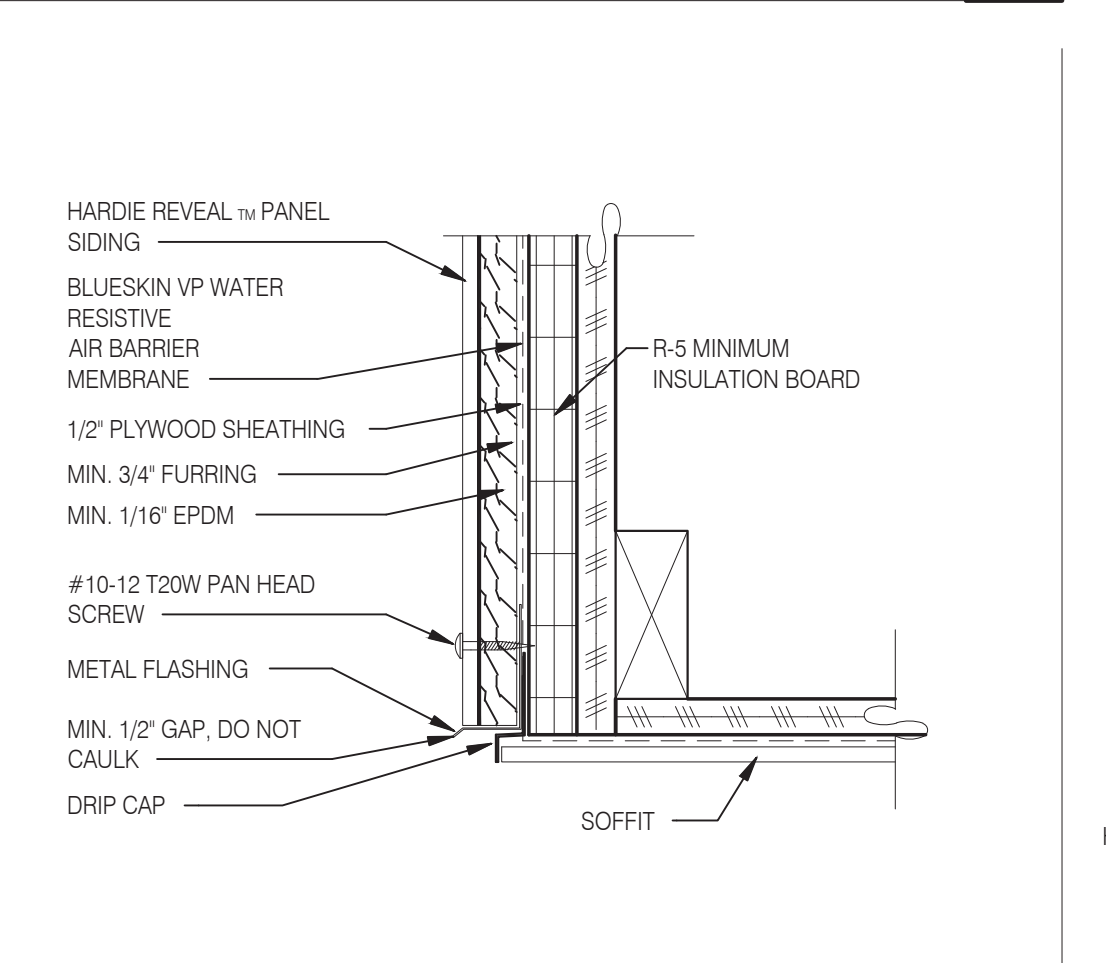
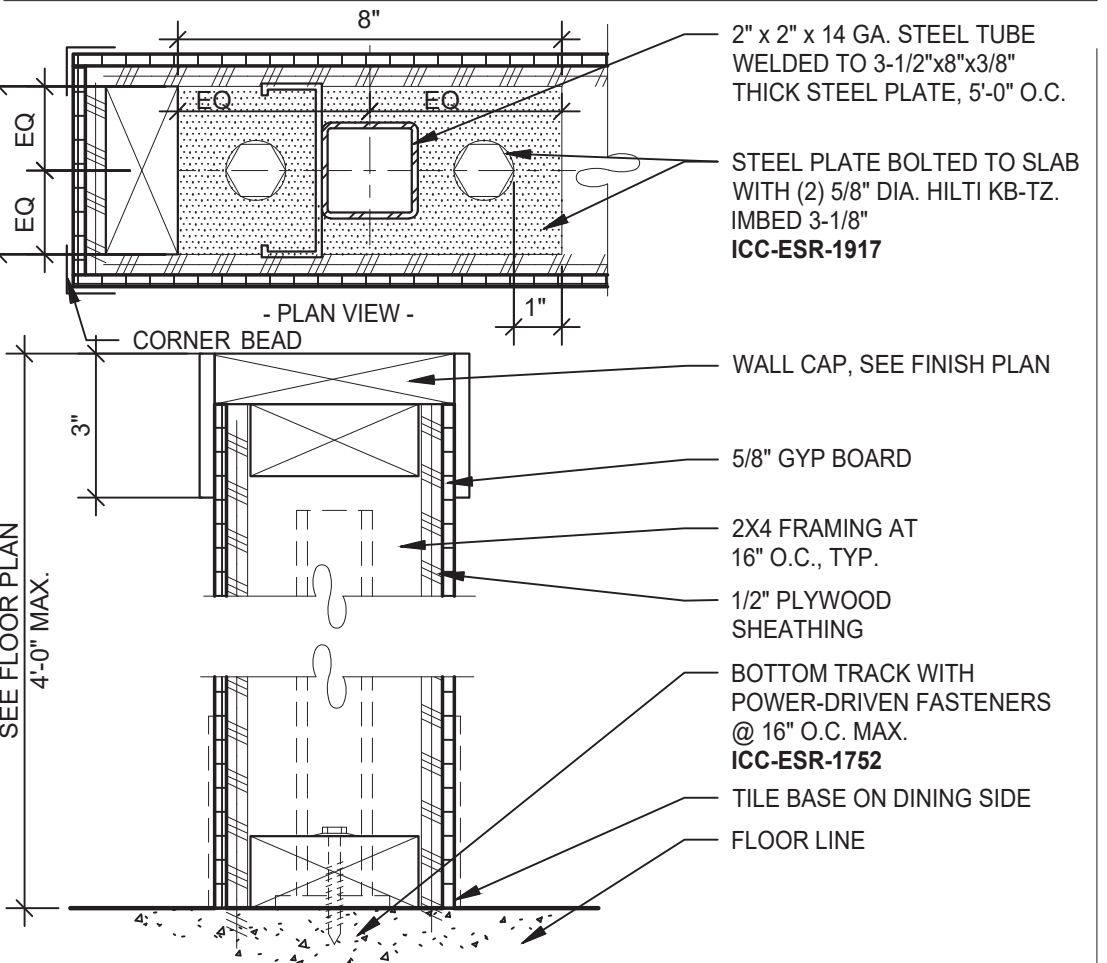
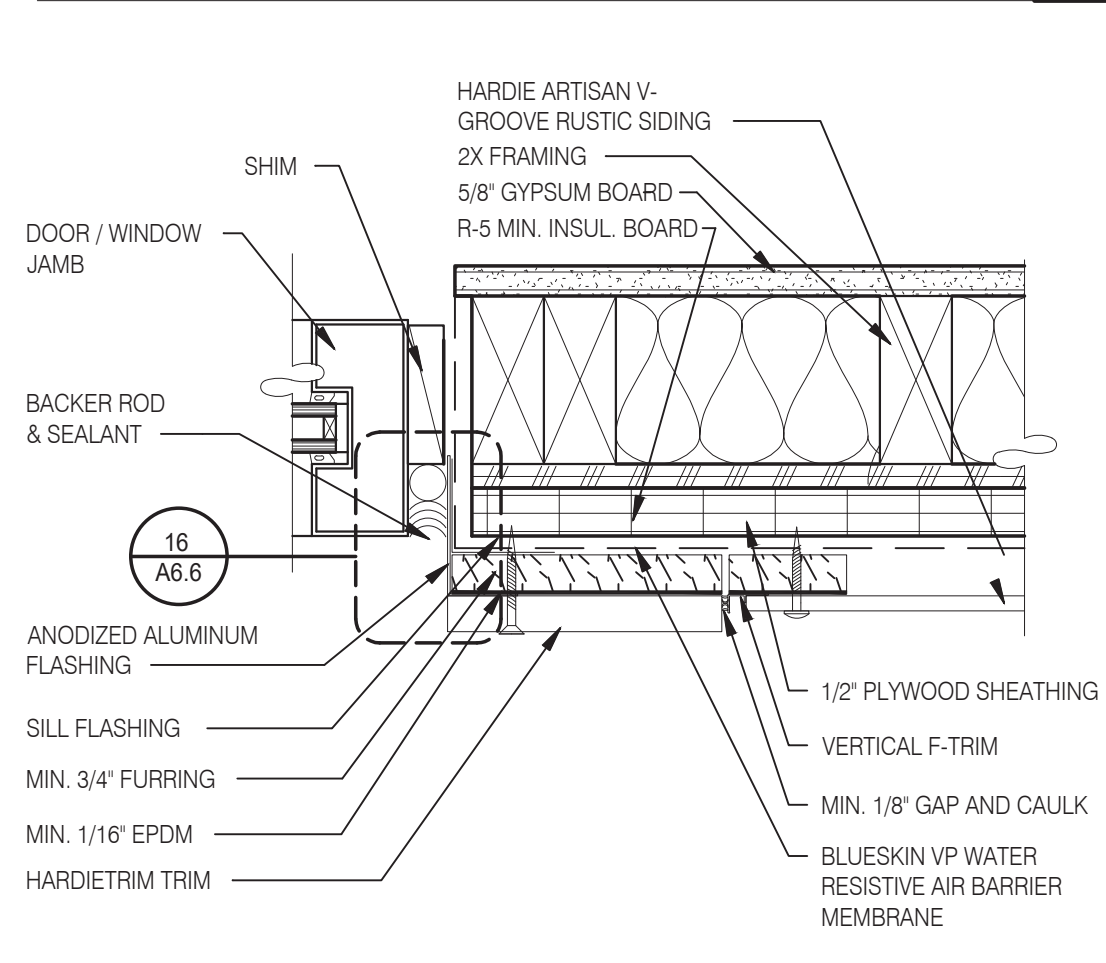
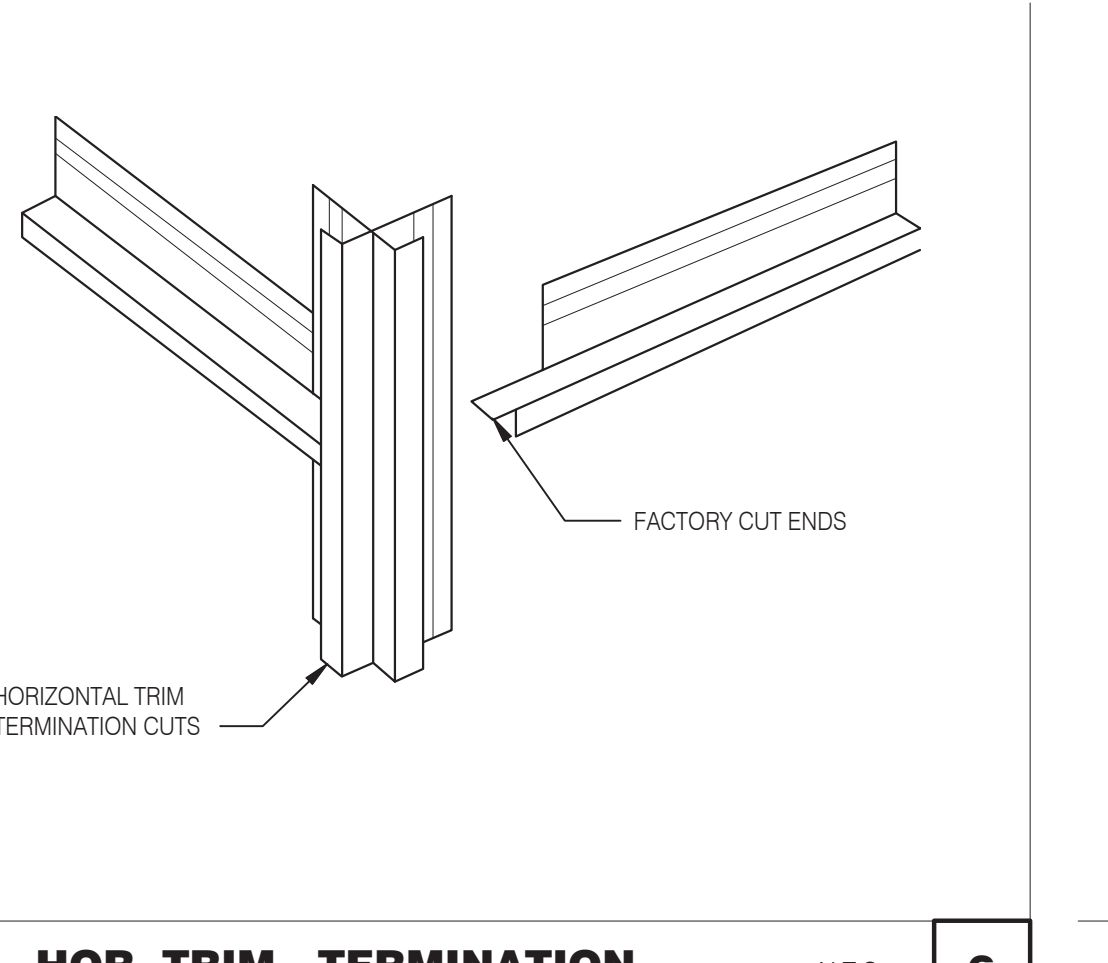
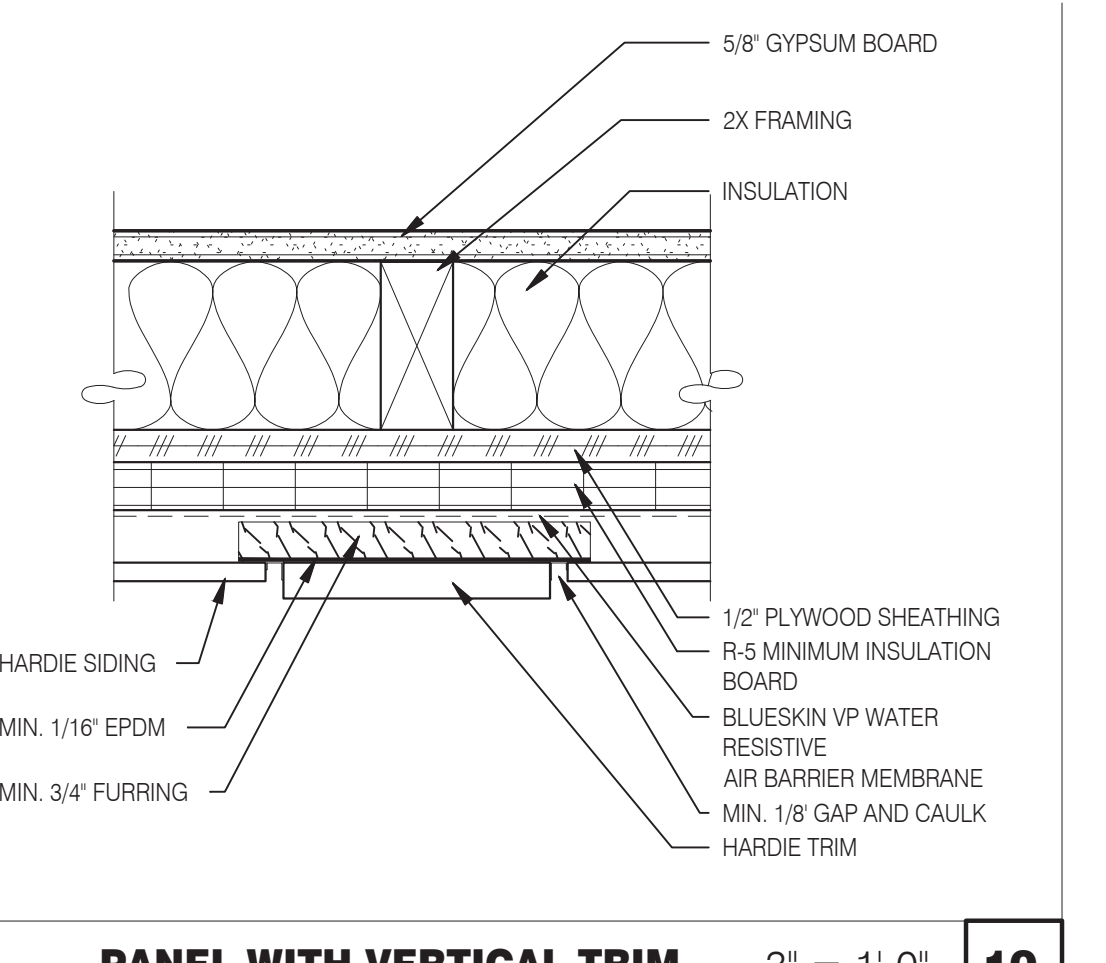
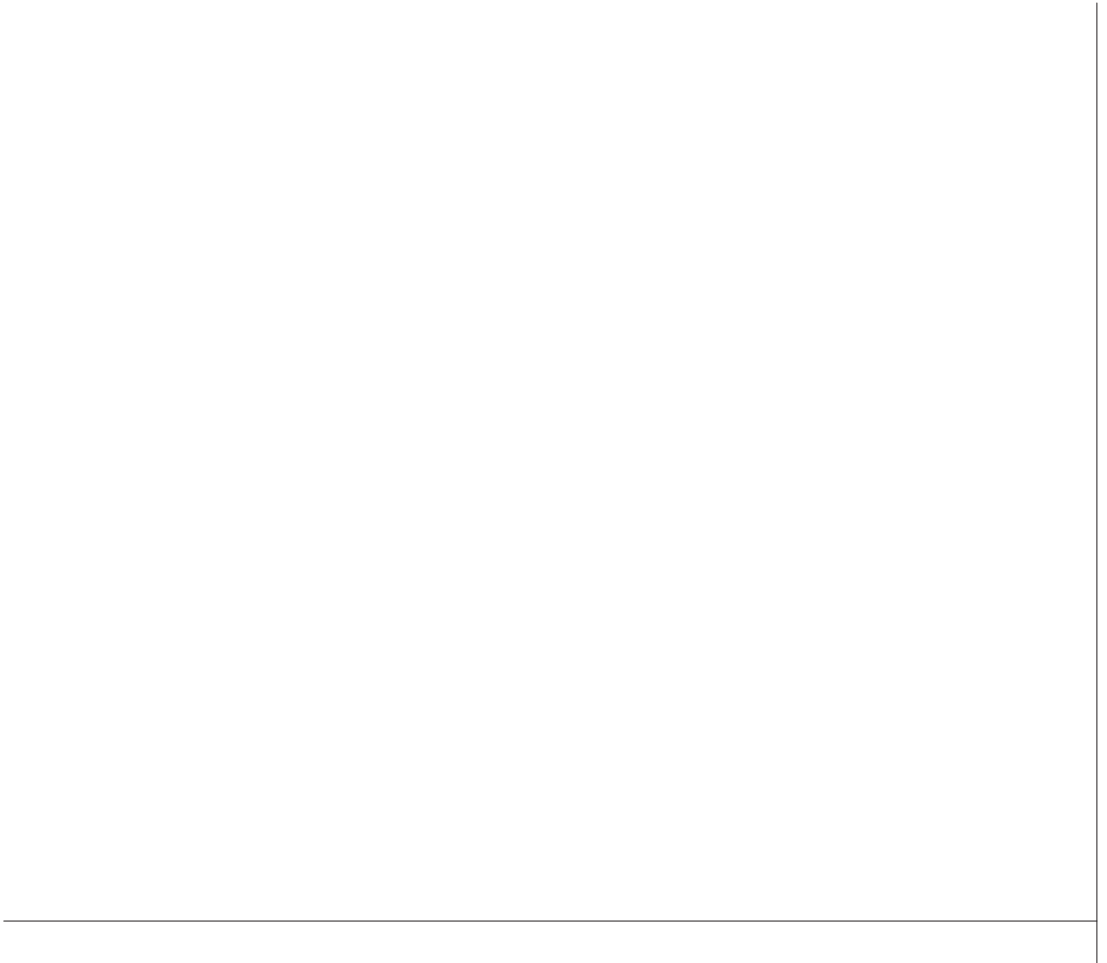
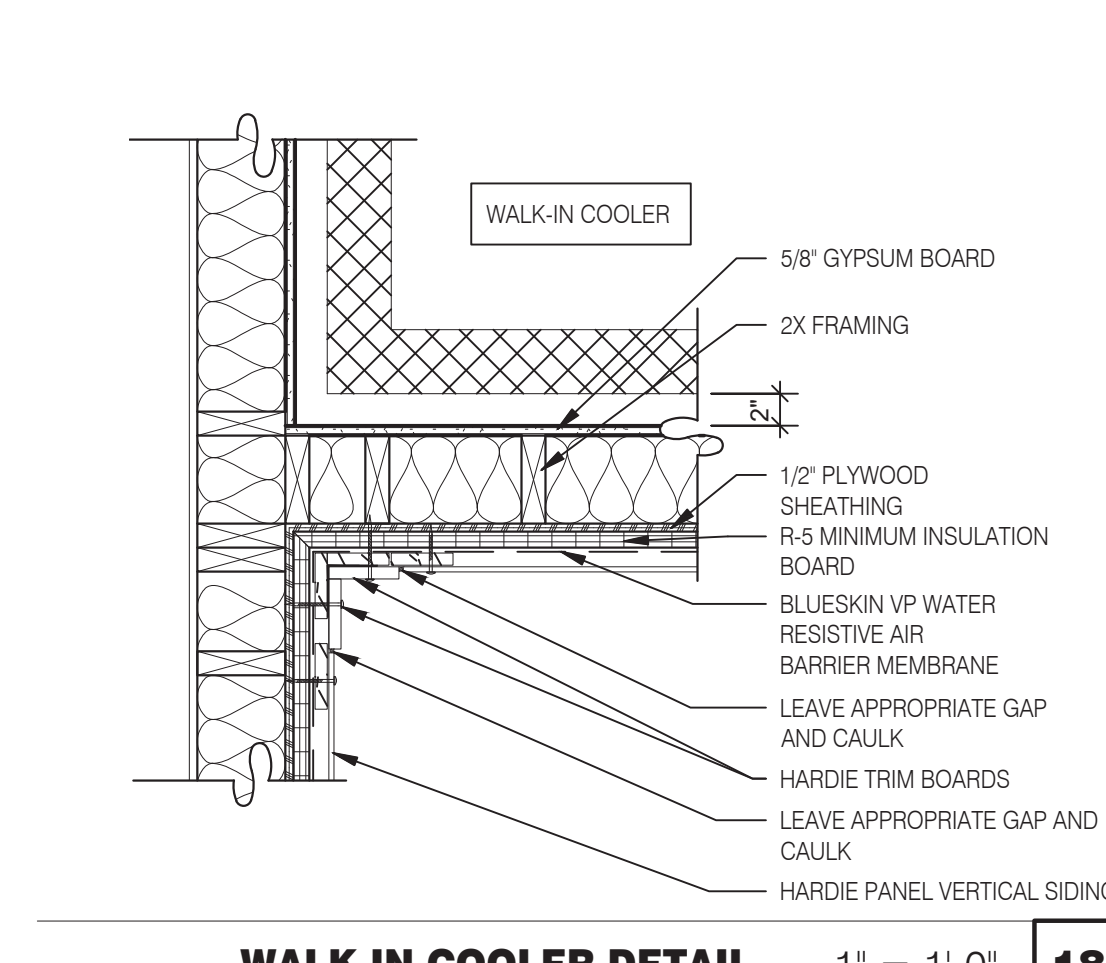
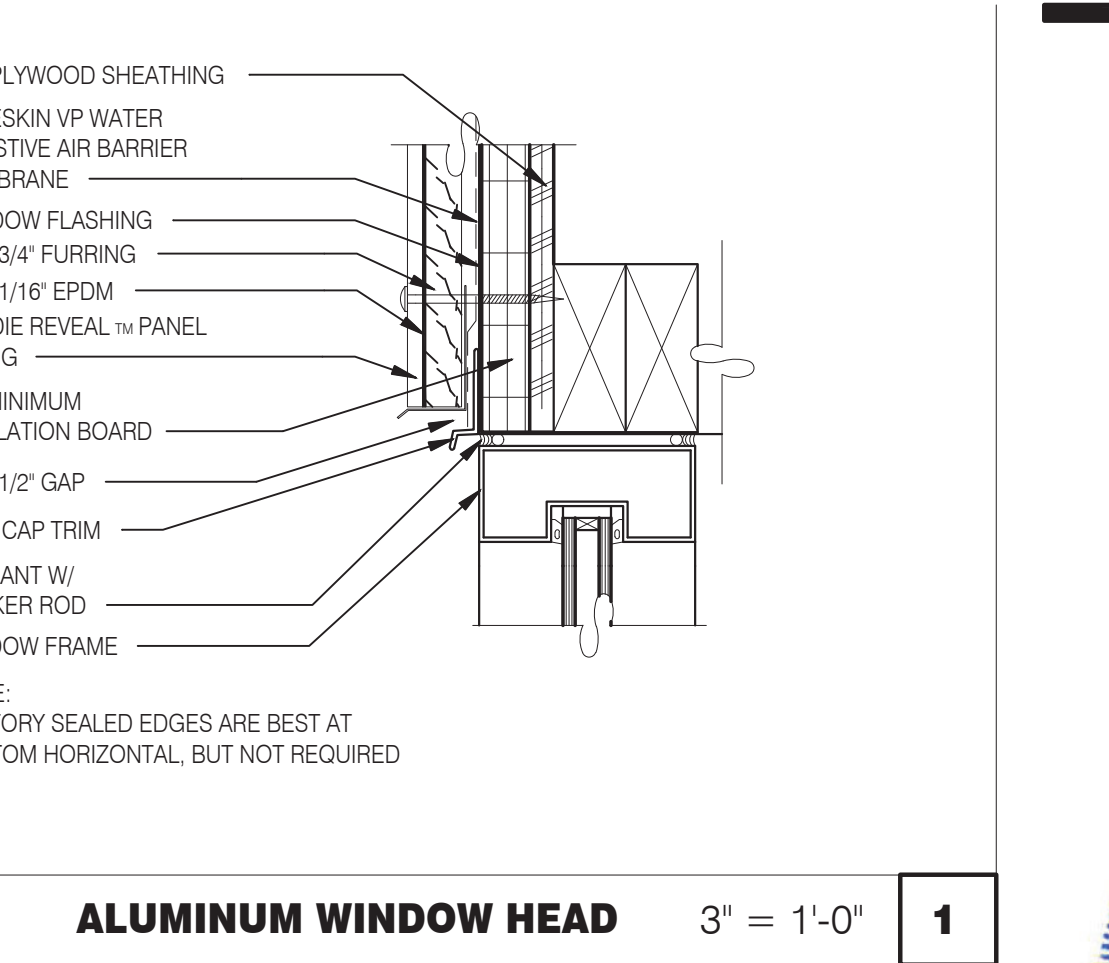
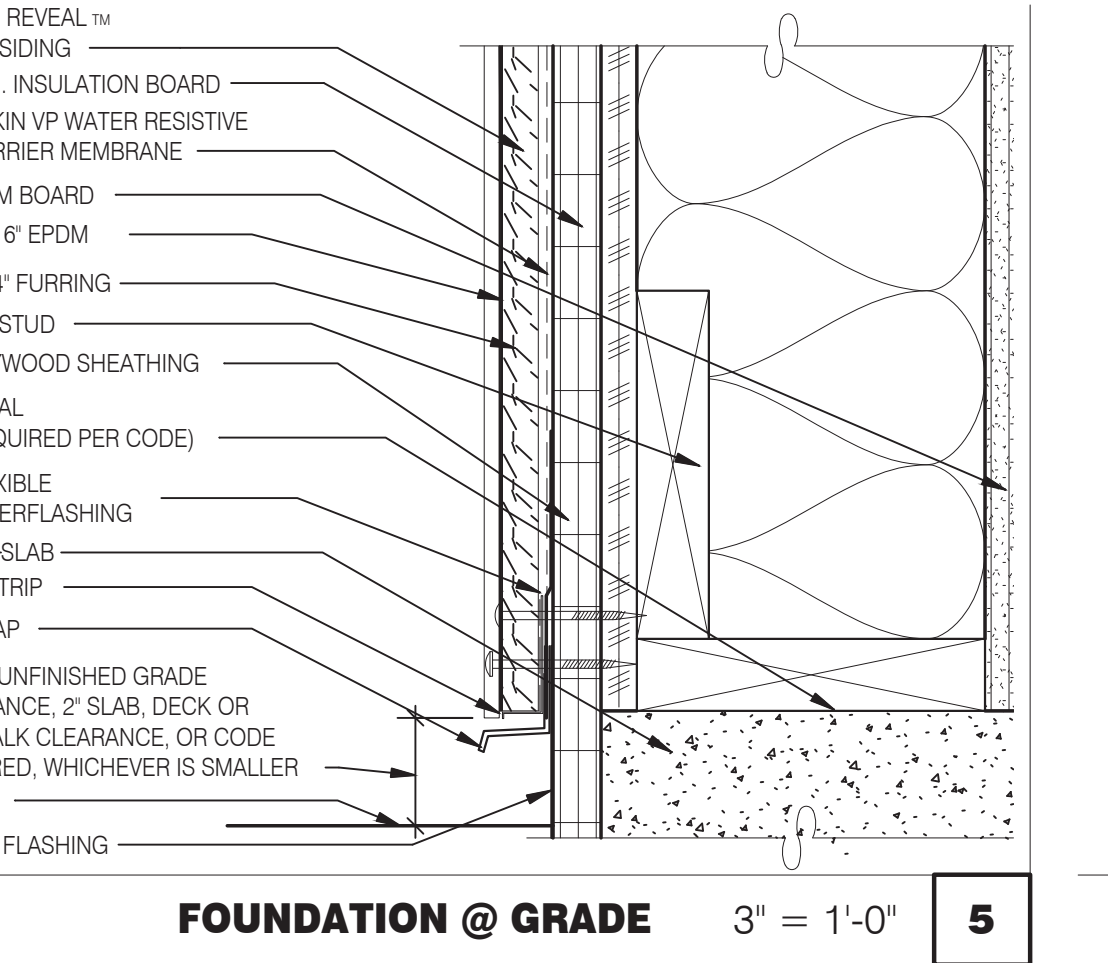
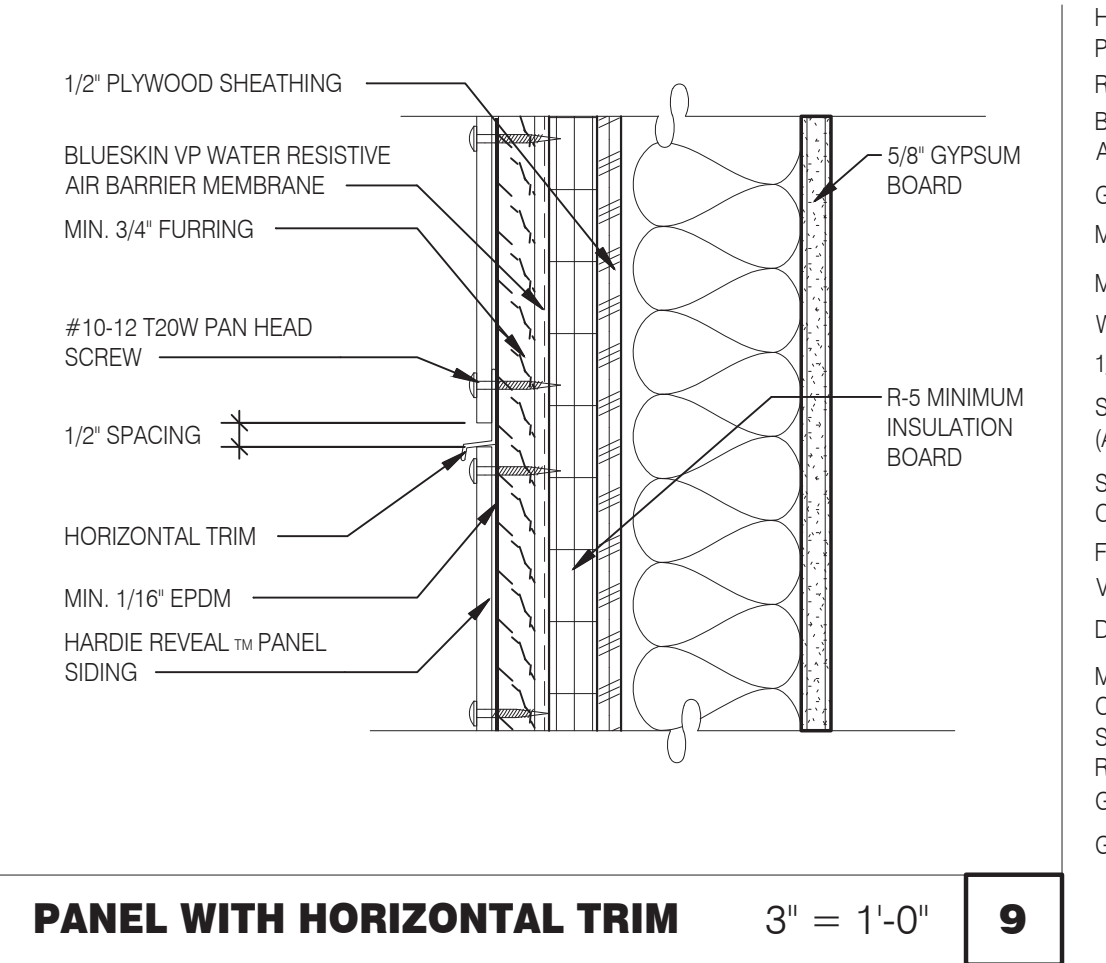
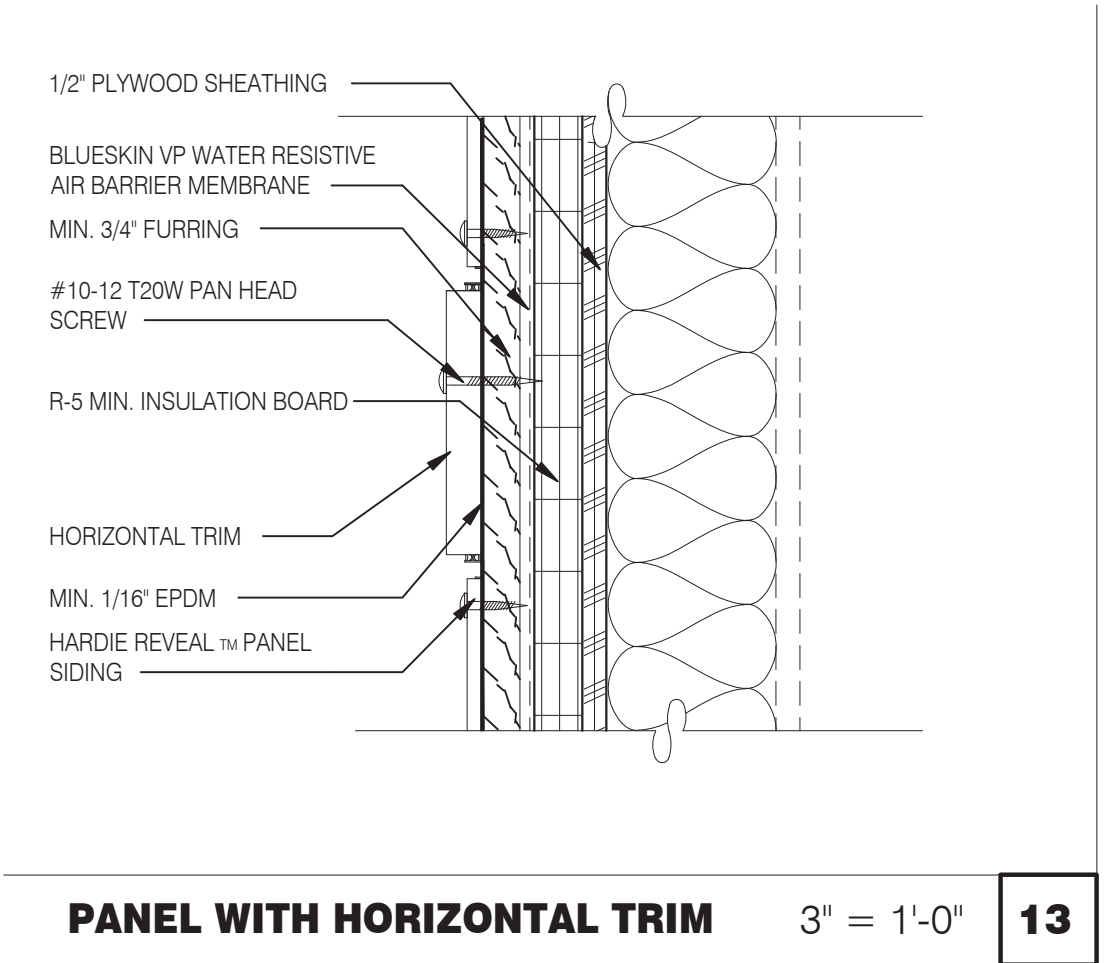
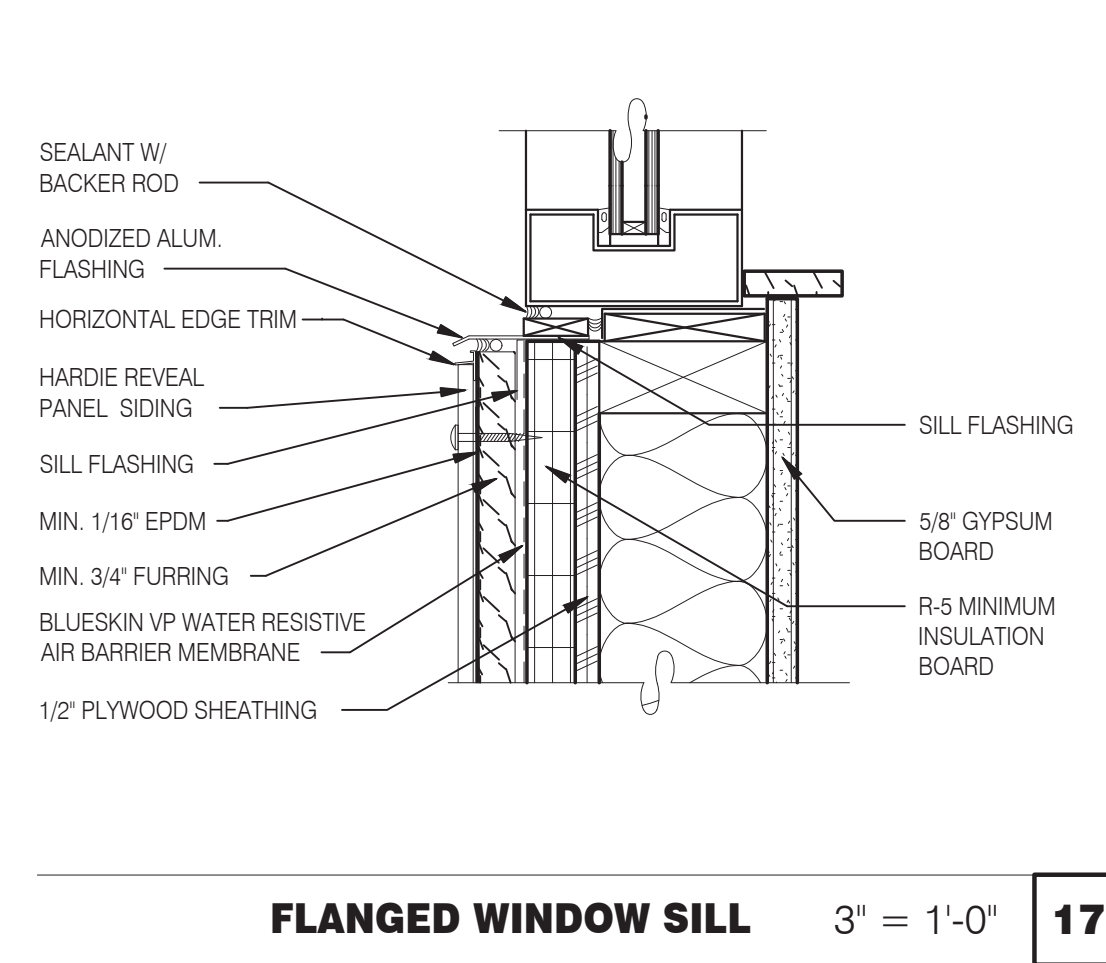
**GREAT LAKES TACO, LLC**  
2727 Main Street (M-53)  
Marlette, Michigan 48453



**ENDEAVOR 2.0 CEILING DETAILS**

**A6.5**

PLOT DATE: 6/23/2022



**L + A**  
ARCHITECTS  
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441 S. LIVERNOIS ROAD  
SUITE 265  
ROCHESTER HILLS, MI 48307  
PHONE (248) 524-4700 FAX (248) 524-9746  
PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:   
BUILDING TYPE: END. MED. 40   
PLAN VERSION: MARCH 2021   
BRAND DESIGNER:   
SITE NUMBER: 315876   
STORE NUMBER: 458993   
PA/PM:   
DRAWN BY.:   
JOB NO.:

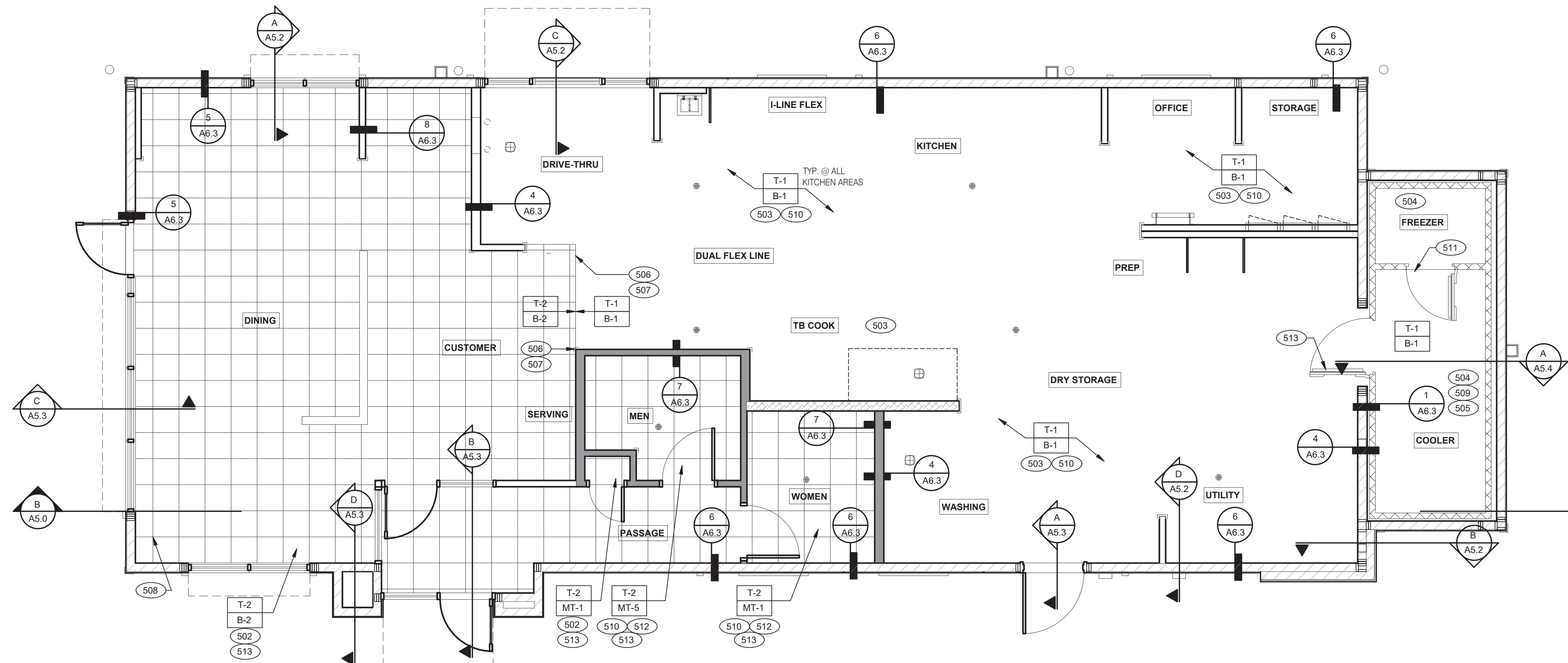
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Marlette, Michigan 48453



ENDEAVOR 2.0  
HARDIE BOARD  
DETAILS

**A6.6**

PLOT DATE: 6/23/2022



REVISED TILE FINISHES. REFER TO A7.2.  
FLOOR HATCH TO MATCH NEW TILE  
FINISHES



**L+A**  
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ENDEAVOR 2.0  
**FLOOR FINISH  
PLAN**

**A7.0**

PLOT DATE: 6/23/2022

**FLOOR FINISH PLAN 1/4" = 1'-0" A**

NOT USED

D

**FLOOR FINISH NOTES**

C

**KEY NOTES**

B

A. □ DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES

B. TILE JOINT (U.O.N.):  
1. QUARRY FLOOR TILE: 1/4"  
2. PORCELAIN FLOOR TILE: 3/16"  
3. GLAZED WALL TILE: 1/8"  
4. BASE, TRIM AND ACCESSORIES: MATCH ADJOINING TILE UNITS

C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.

D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE.

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.

G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

502 6" COVE TILE BASE. SEE DETAIL.

503 6" SANITARY EPOXY BASE. REFER TO MANUFACTURER'S DETAILS.

504 PROVIDE EPOXY FLOOR INSIDE WALK-IN COOLER (NO WALL TILE OR BASE IN FREEZER). FLOAT FLOOR IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH COOLER WALL CONFIGURATION.

505 NO BASE TILE BEHIND W-059 FOR WALK-IN COOLER/FREEZER.

506 ALIGN FLOOR TRANSITION STRIP WITH FACE OF WALL.

507 FLOAT FLOOR TILE TO BE FLUSH WITH TOP OF TRANSITION STRIP.

508 START POINT FOR FLOOR TILE.

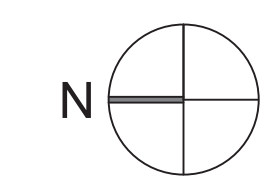
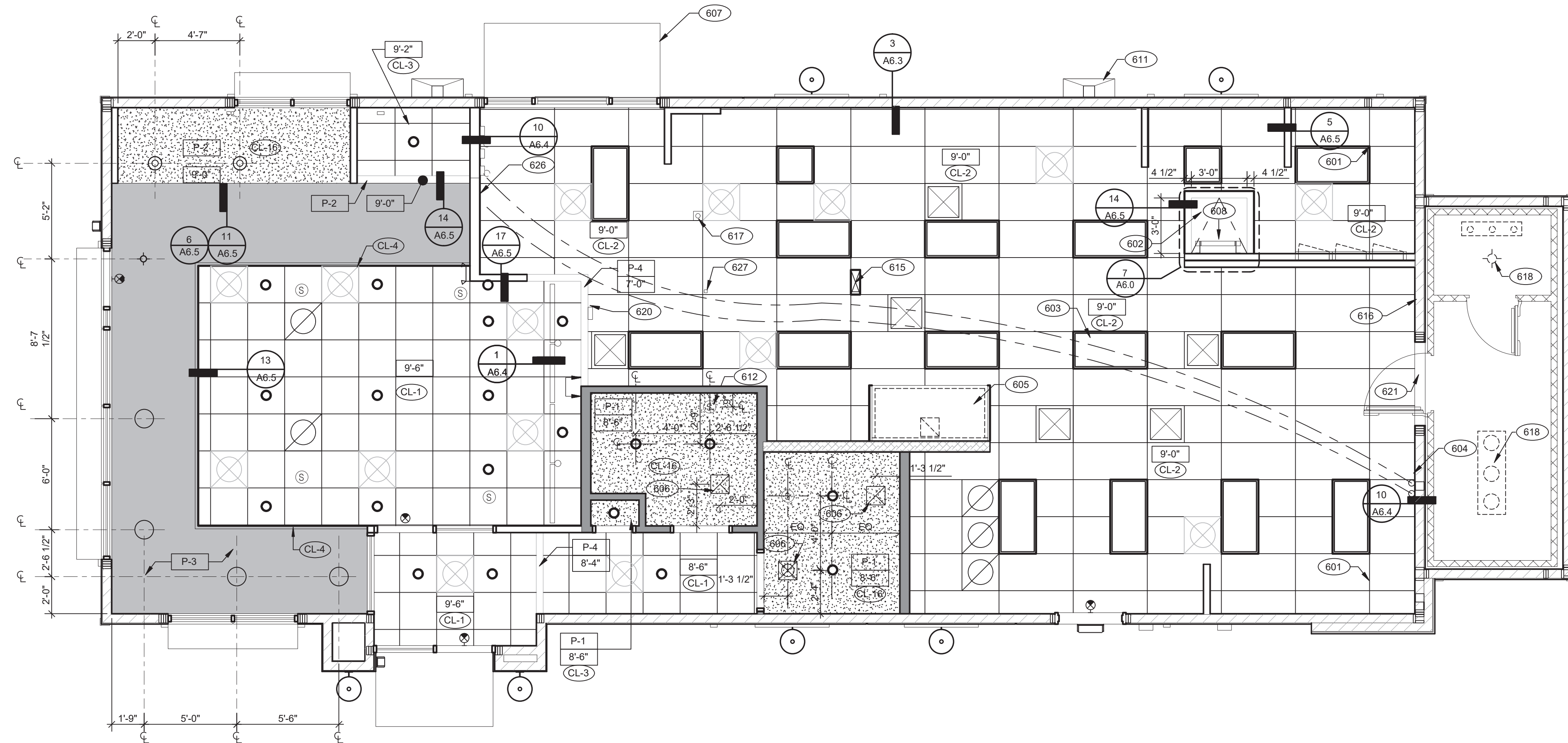
509 METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL.

510 REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS.

511 STEP-UP AT FREEZER TRESHOLD.

512 SANITARY TILE BASE IN RESTROOM.

513 INSTALL FLOOR TILE WITH OFFSET NO MORE THAN 33% OR INSTALL IN A STRAIGHT STACK BOND.



**REFLECTED CEILING PLAN** 1/4" = 1'-0" **A**

CEILING SYMBOL LEGEND		D
	1'-0" x 4'-0" LED TROFFER	EXIT LIGHT (WALL MOUNTED) EXIT LIGHT (CEILING MOUNTED) EXTERIOR WALL FIXTURE SPEAKER - CENTER ON CEILING TILE 12" EXHAUST FAN HVAC RETURN GRILLE HVAC SUPPLY DIFFUSER BACK DOOR SECURITY STROBE LIGHT OCCUPANCY SENSOR, CEILING MOUNTED
	2'-0" x 4'-0" LED TROFFER	
	2'-0" x 4'-0" LED LIGHT FIXTURE	
	DOWNLIGHT @ WALK-IN (BY WALK-IN MFR.)	
	PENDANT FIXTURE	
	DOWNLIGHT - CENTER ON CEILING TILE	
	EMERGENCY LIGHT	

**DIMENSIONS:**  
 A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N.

**CEILING FINISHES:**  
 A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES.

**SUSPENDED CEILING:**  
 A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.  
 B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.  
 C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS, 2" MAX.  
 D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK.  
 E. SEE SPECS FOR ADDITIONAL INFORMATION.

**GYP/SUM BOARD CEILING:**  
 A. SUBSTRATE SHALL BE 1/2" THICK GYP BD.  
 B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.  
 GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.

**ELECTRICAL:**  
 A. SEE ELECT. DWGS. FOR FIXTURE SCHED.

- 601 CEILING GRID AT STARTING POINT.
- 602 BULKHEAD @ 8'-0" A.F.F.
- 603 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK.
- 604 6" DIAMETER PVC STUB THROUGH CEILING. SEE DETAIL 10/A6.4.
- 605 HOOD.
- 606 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL RESTROOMS).
- 607 DRIVE-THRU CANOPY.
- 608 ROOF HATCH.
- 611 VERTICAL DOWNSPOUT.
- 612 SPEAKER. CENTER ON CEILING TILE.
- 615 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
- 616 EMERGENCY DUAL HEAD FIXTURE. SEE ELECTRICAL DRAWINGS.
- 617 SECURITY STROBE LIGHT, REFER TO ELECTRICAL DRAWINGS.
- 618 FAN COIL FOR WALK-IN.
- 620 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT CENTERLINE OF BOX 7'-11" A.F.F.
- 621 30"X30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FINISH WITH GYP. BD.
- 626 STAINLESS STEEL SYRUP CHASE ON WALL.
- 627 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN.

**KEY NOTES** **B**



*Gregory Scott Lautzenheiser*



**L + A**  
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 DRAWN BY:.

JOB NO.:  
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 2727 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0**  
**REFLECTED**  
**CEILING PLAN**

**A7.1**

PLOT DATE: 6/23/2022

FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
<b>CEILING</b>						
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE, SQ EDGE	#107 TAUPE	2X2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TAUPE
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2x4	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-3	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2X2	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-4	USG	USG COMPASSO STANDARD	#002 SILVER SATIN	10" H PROFILE		SEE PLANS AND DETAILS FOR MORE INFO
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP			
<b>CHAIR RAIL</b>						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
<b>FLOOR BASE</b>						
B-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURER'S STANDARD COLORS	6" HIGH	N/A	INTEGRAL HIGH-BUILD EPOXY COVERED WALL BASE
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
<b>FLOORING</b>						
T-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURER'S STANDARD COLORS		N/A	PROVIDE SLOPED A.D.A. COMPLIANT CLEAR ANODIZED ALUMINUM TRANSITION STRIP AT INTERFACE WITH CERAMIC TILE, AND INTEGRAL HIGH-BUILD EPOXY COVERED WALL BASE
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
<b>FRP/LAMINATE</b>						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S2/S WHITE	4 X 9 X 90		COORDINATE ALL TRIM PIECES WITH FRP MFG
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, RRUTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
<b>CORNER GUARDS</b>						
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4" X 3/4"		FOR PAINT MATCH CR-1 & WC-1
<b>METAL TRANSITION</b>						
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
MT-3	SCHLUTER	RONDEC - ALUMINUM		3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
<b>SOLID SURFACE</b>						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
<b>WALL COVERING</b>						
WC-1	WOLF GORDON	MICRO PERFORATED RAMPART HIGH IMPACT WALL COVERING	FOUNDATION/ PIGMENT (WGMP12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 L.F.
<b>WALL PAINT</b>						
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT
P-2	SHERWIN WILLIAMS	TB2603C	PURPLE	N/A	N/A	
P-3	SHERWIN WILLIAMS	SW7076	CYBER SPACE	N/A	N/A	
P-4	SHERWIN WILLIAMS	SW7005	PURE WHITE	N/A	N/A	
<b>WALL TILE</b>						
W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
W-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%

**FINISH LEGEND**

**D**

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ARCHITECTURAL REPRESENTATIVE  
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LFYKE@MAPEI.COM

**FINISH CONTACTS**

N.T.S.

**C**

**NOT USED**

**A**



**L + A**  
**ARCHITECTS**  
**INC. A.I.A.**

441 S. LIVERNOIS ROAD  
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PROJECT # 22002

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DRAWN BY.:

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2727 Main Street (M-53)

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**ENDEAVOR 2.0**

**FINISH**

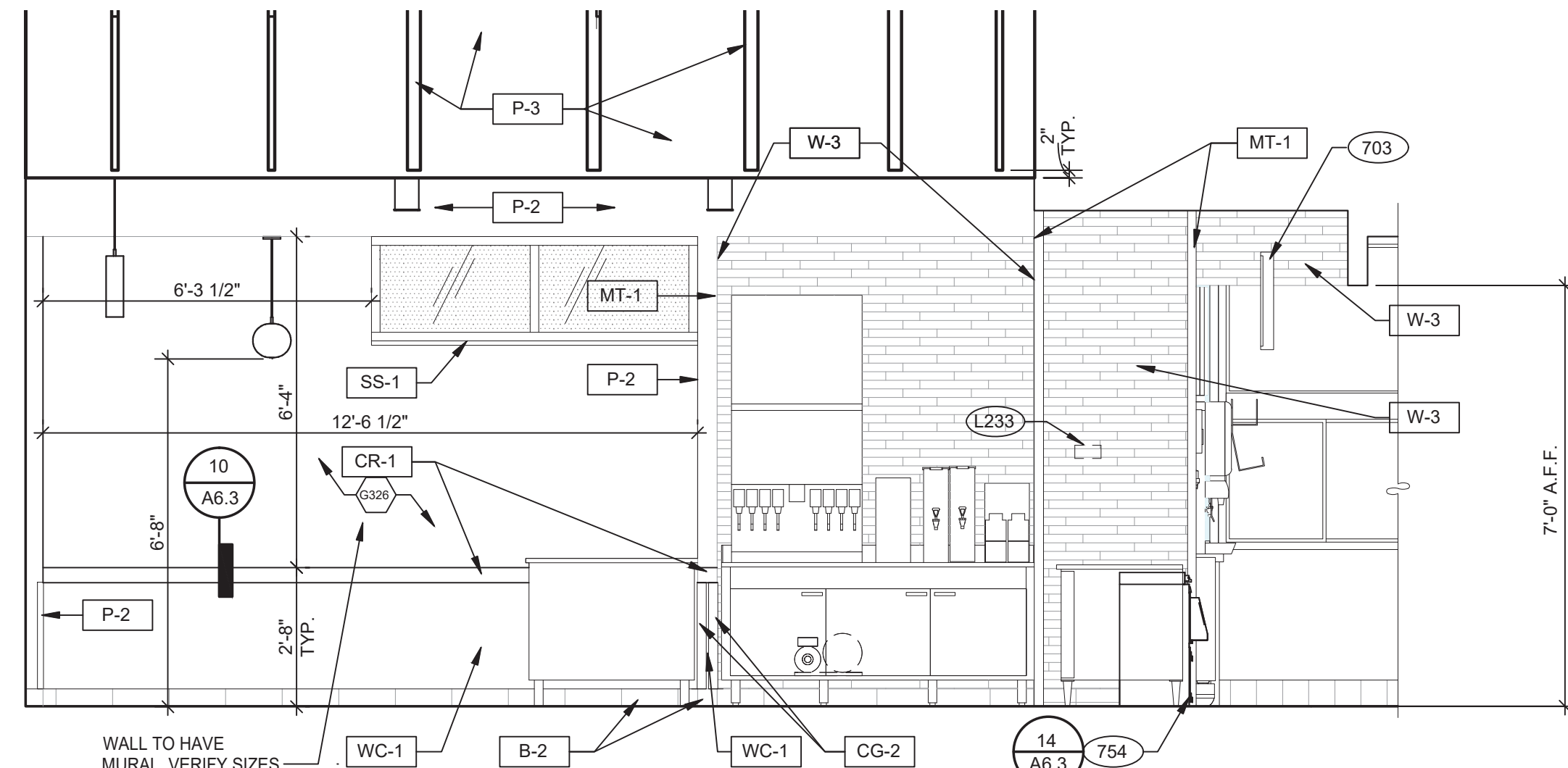
**SCHEDULE**

**A7.2**

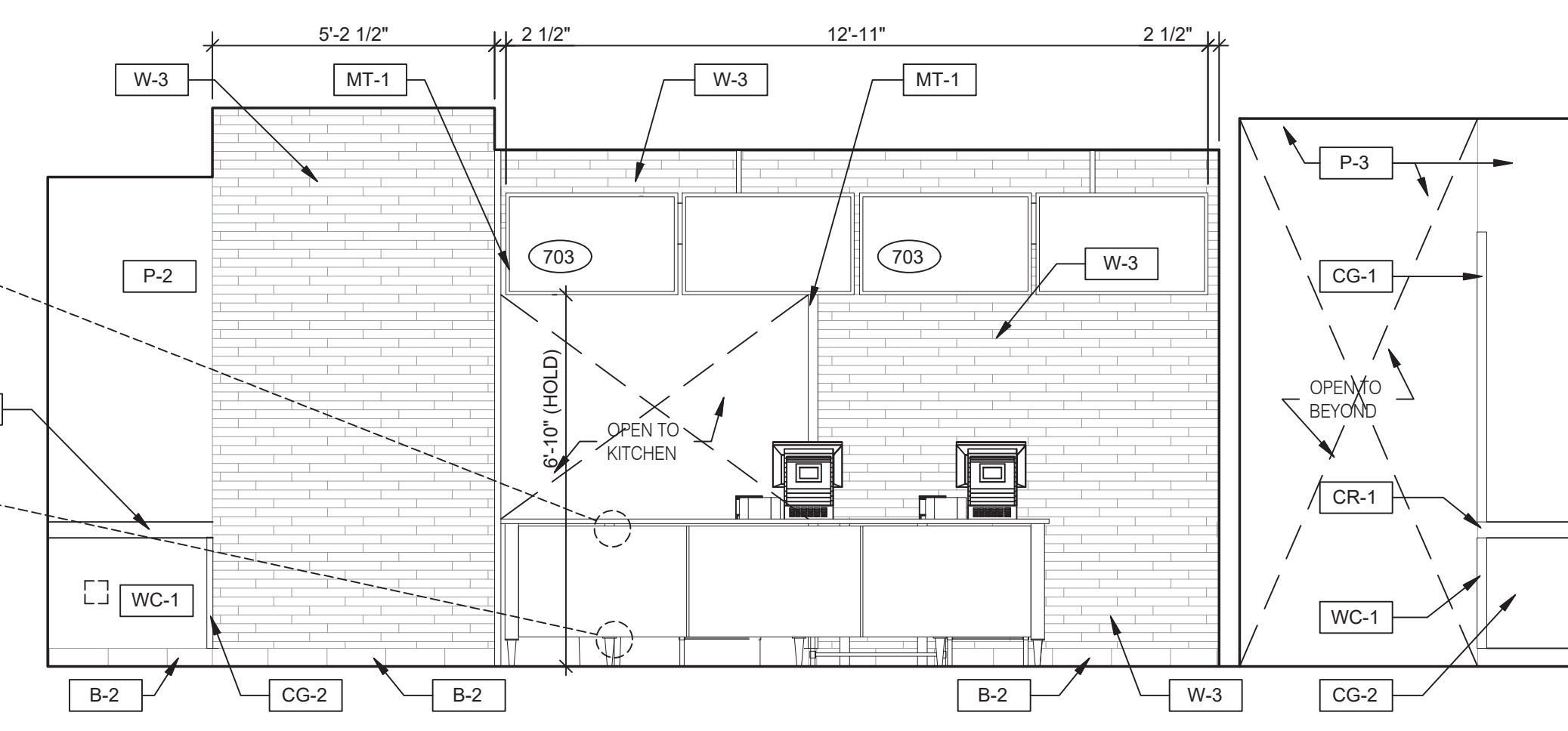
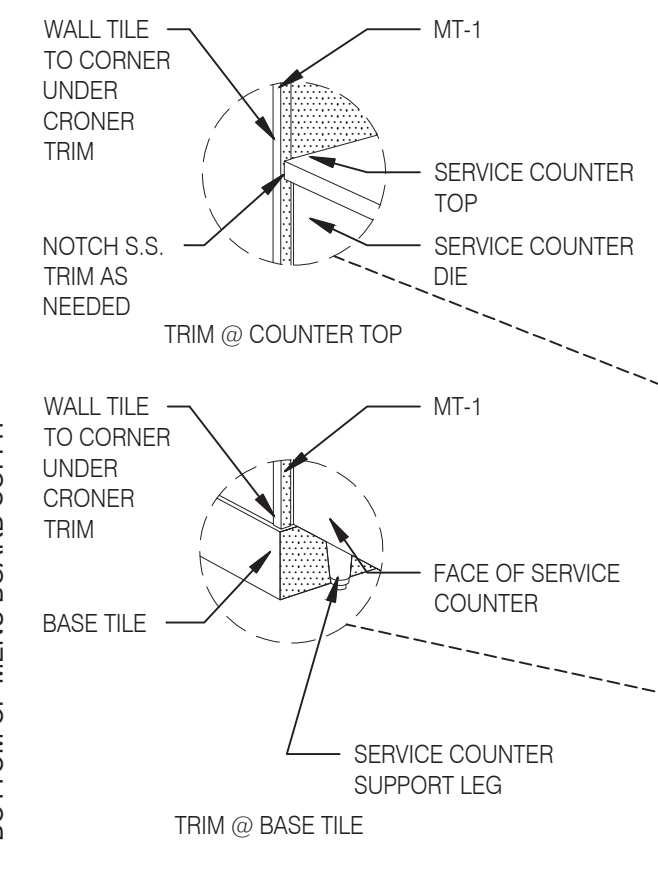
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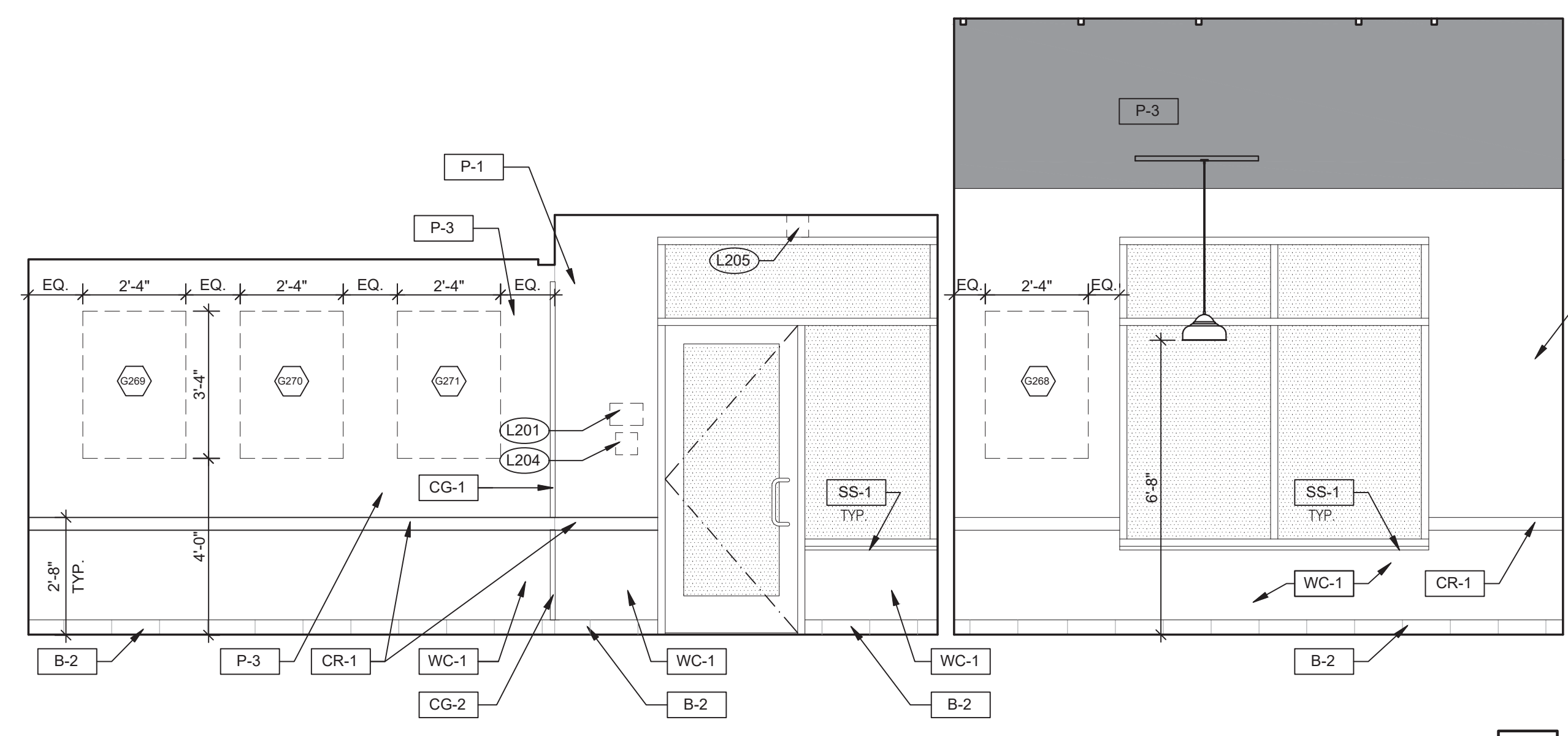


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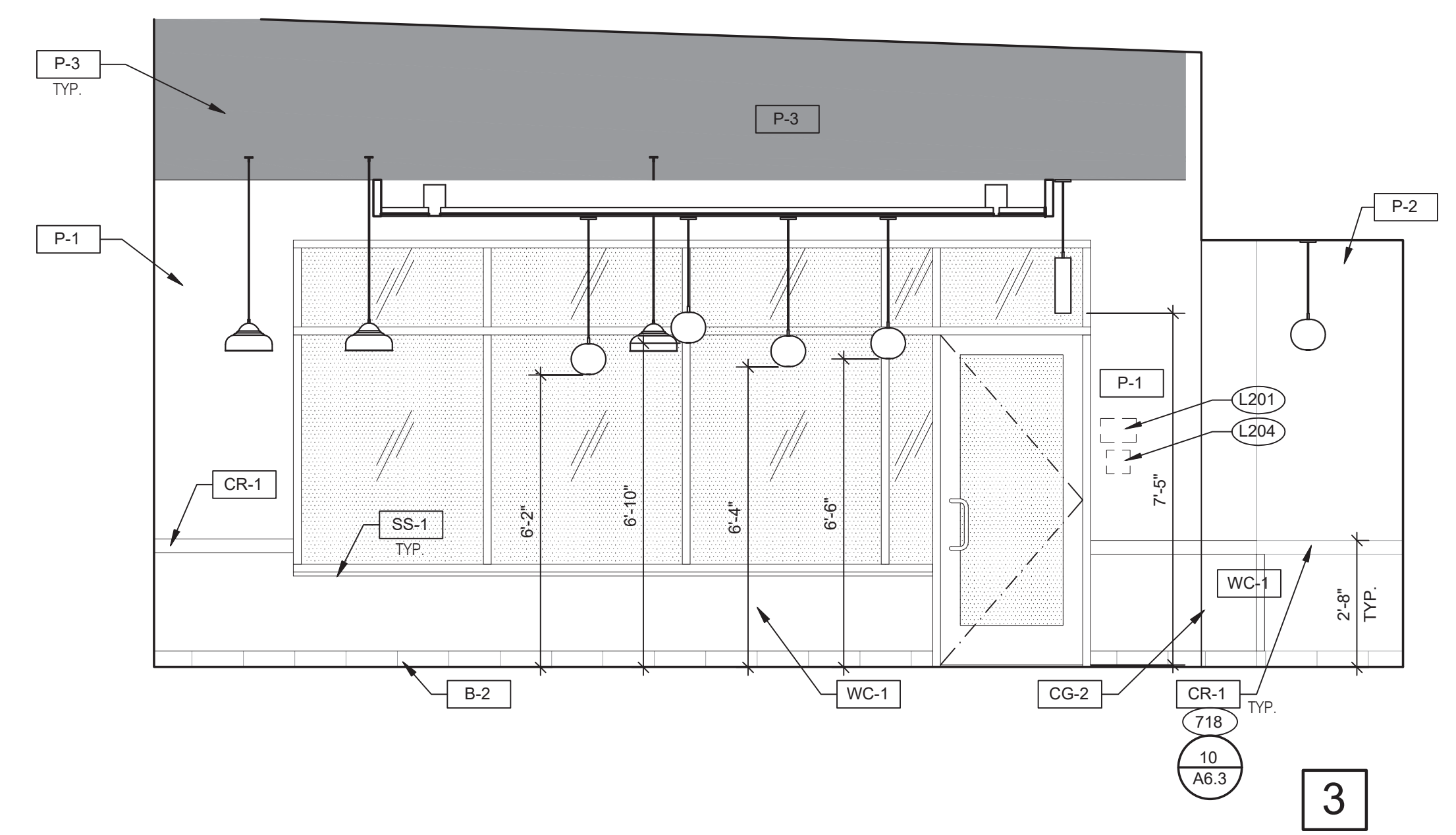


1

DINING 3/8" = 1'-0"

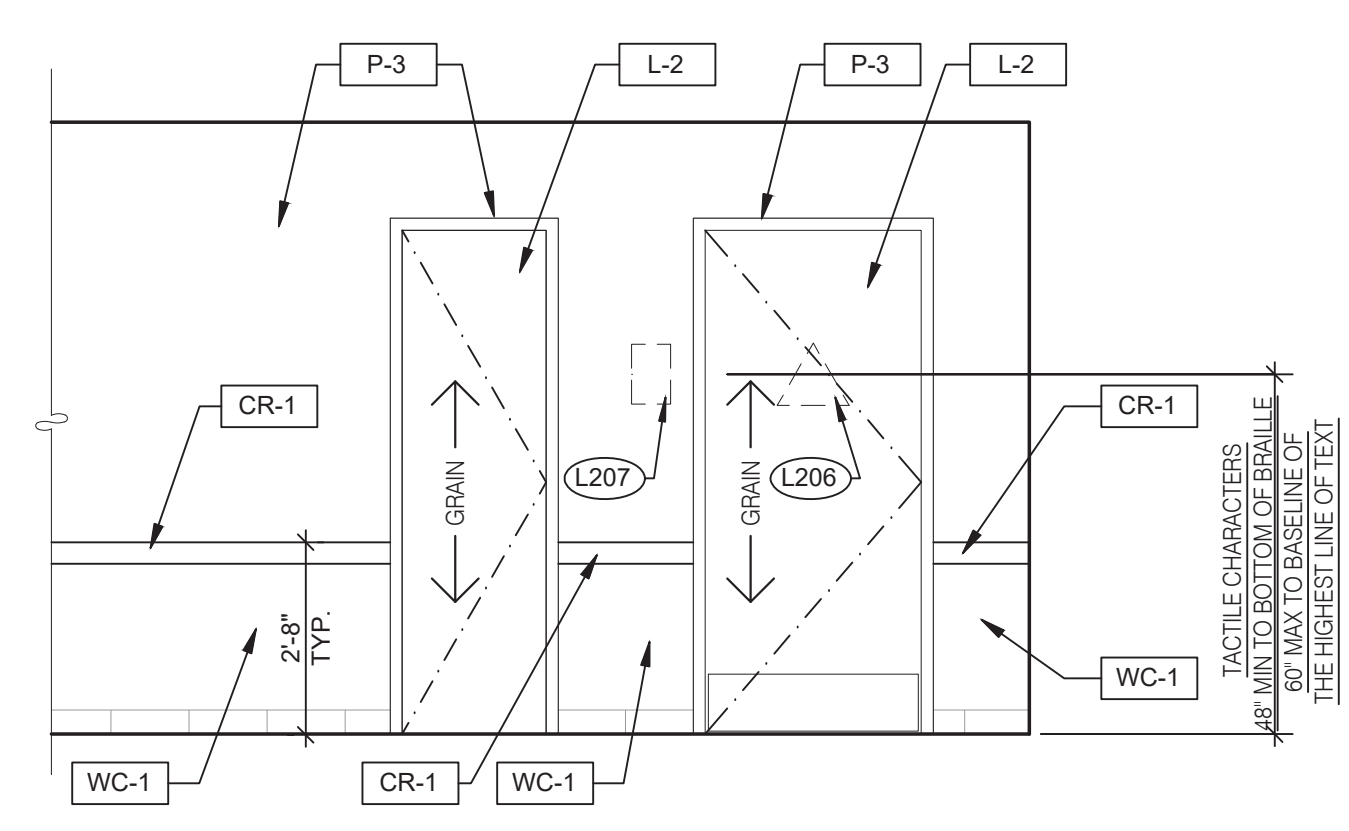


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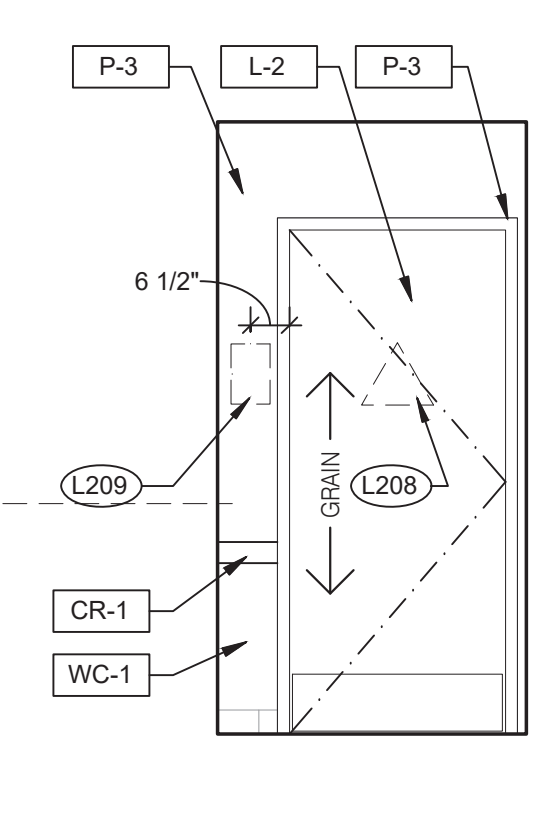


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DINING 3/8" = 1'-0"

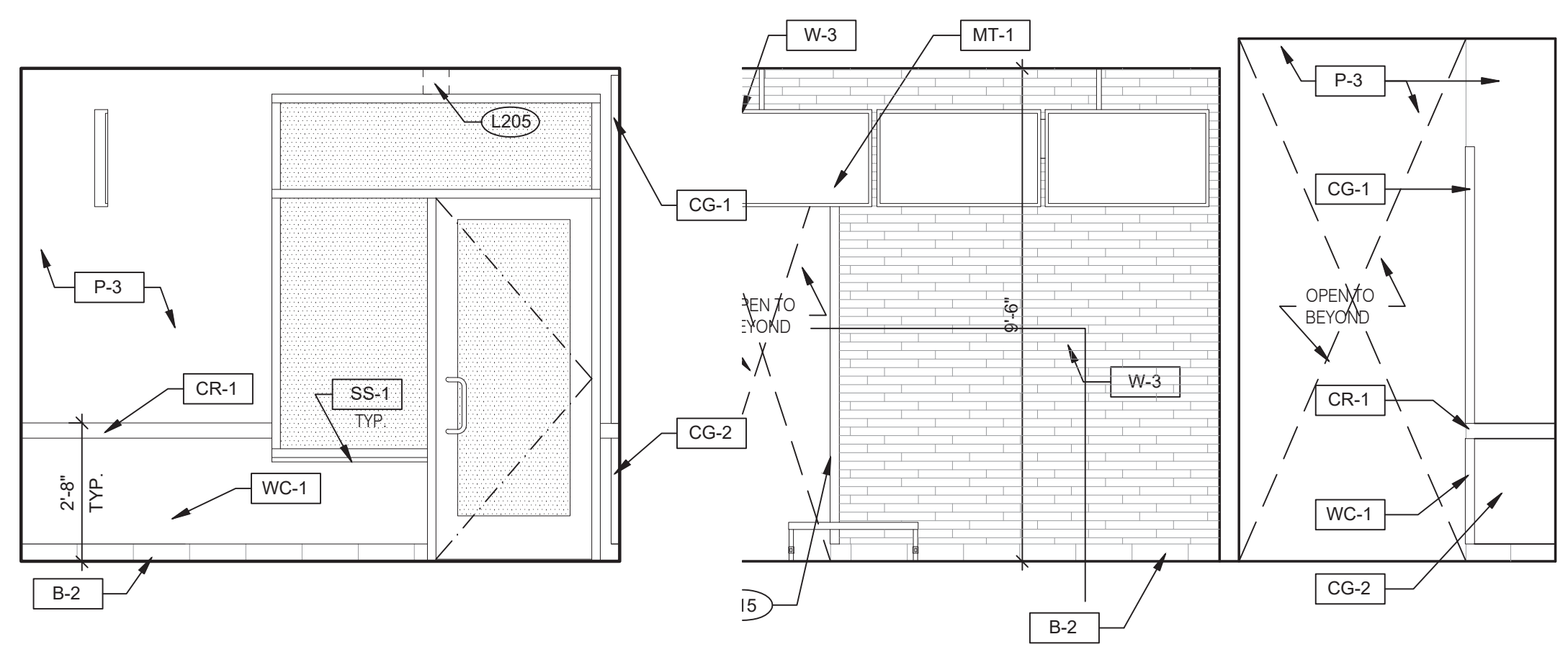


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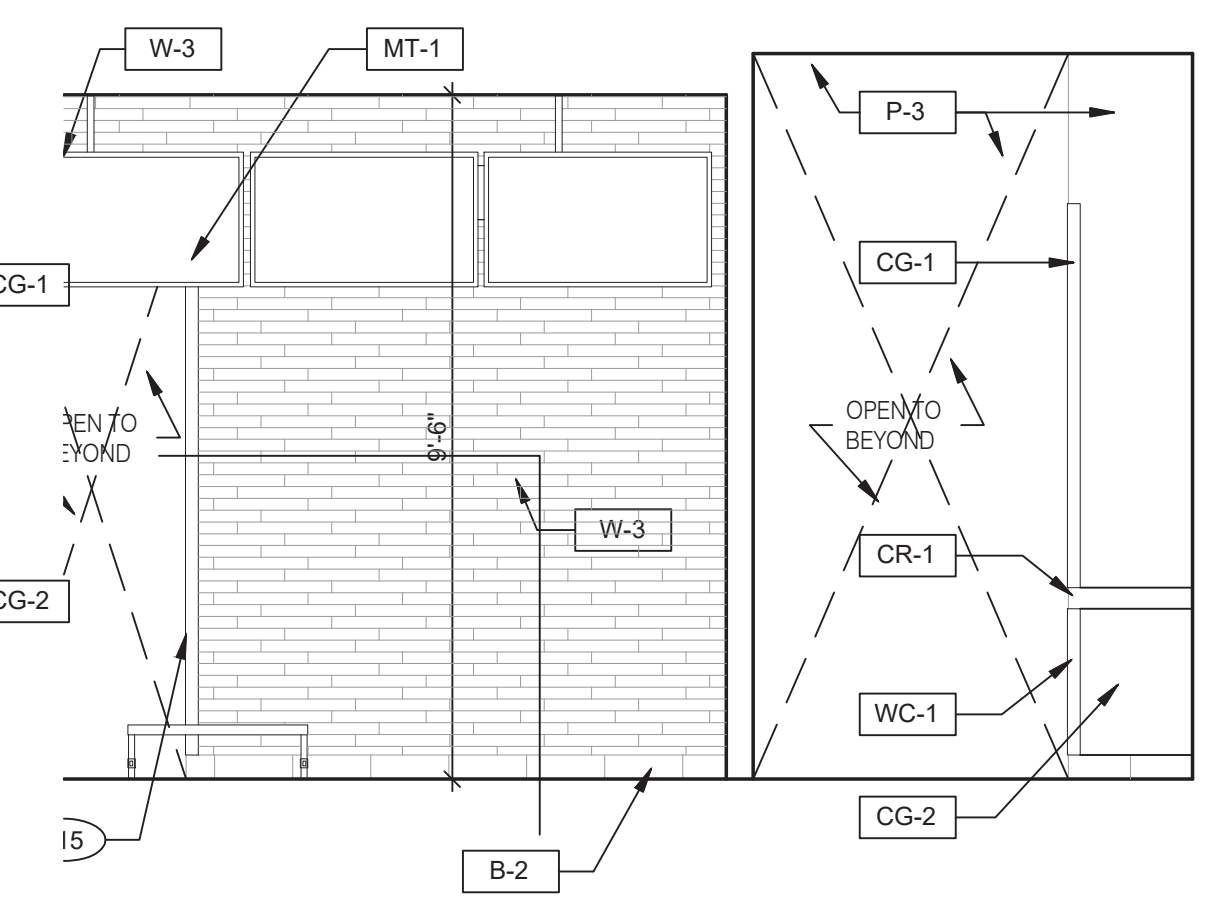


7

PASSAGE 3/8" = 1'-0"



6



5

INTERIOR ELEVATION 3/8" = 1'-0"

- 703 DIGITAL MENUBOARD.
- 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.
- 718 CHAIR RAIL.
- 754 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.

KEYNOTES

A



**L+A**  
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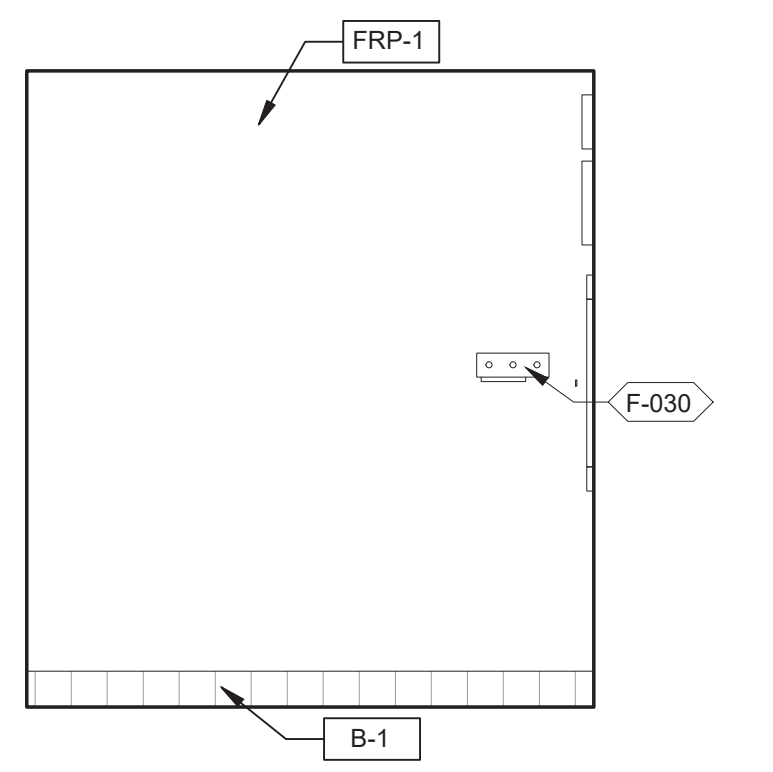


ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
DINING ROOM

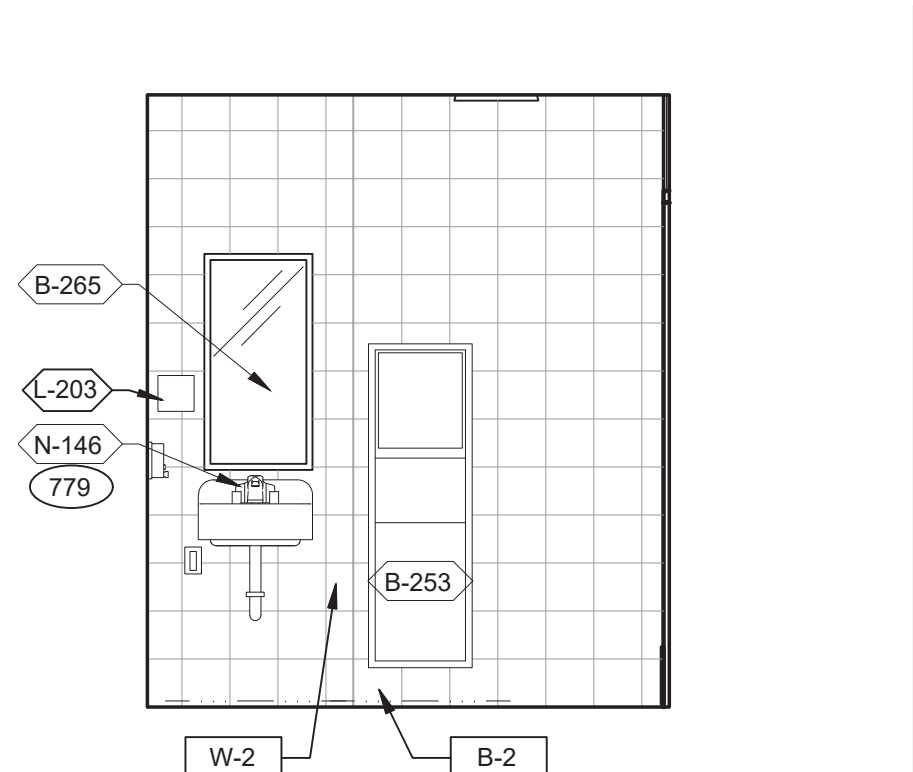
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PLOT DATE: 6/23/2022

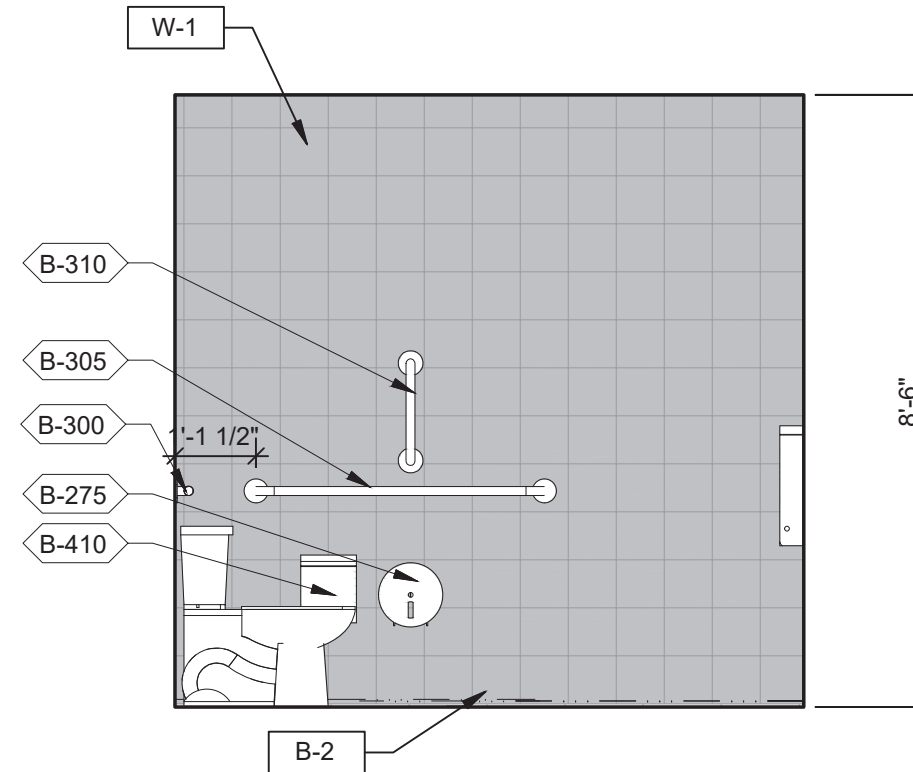




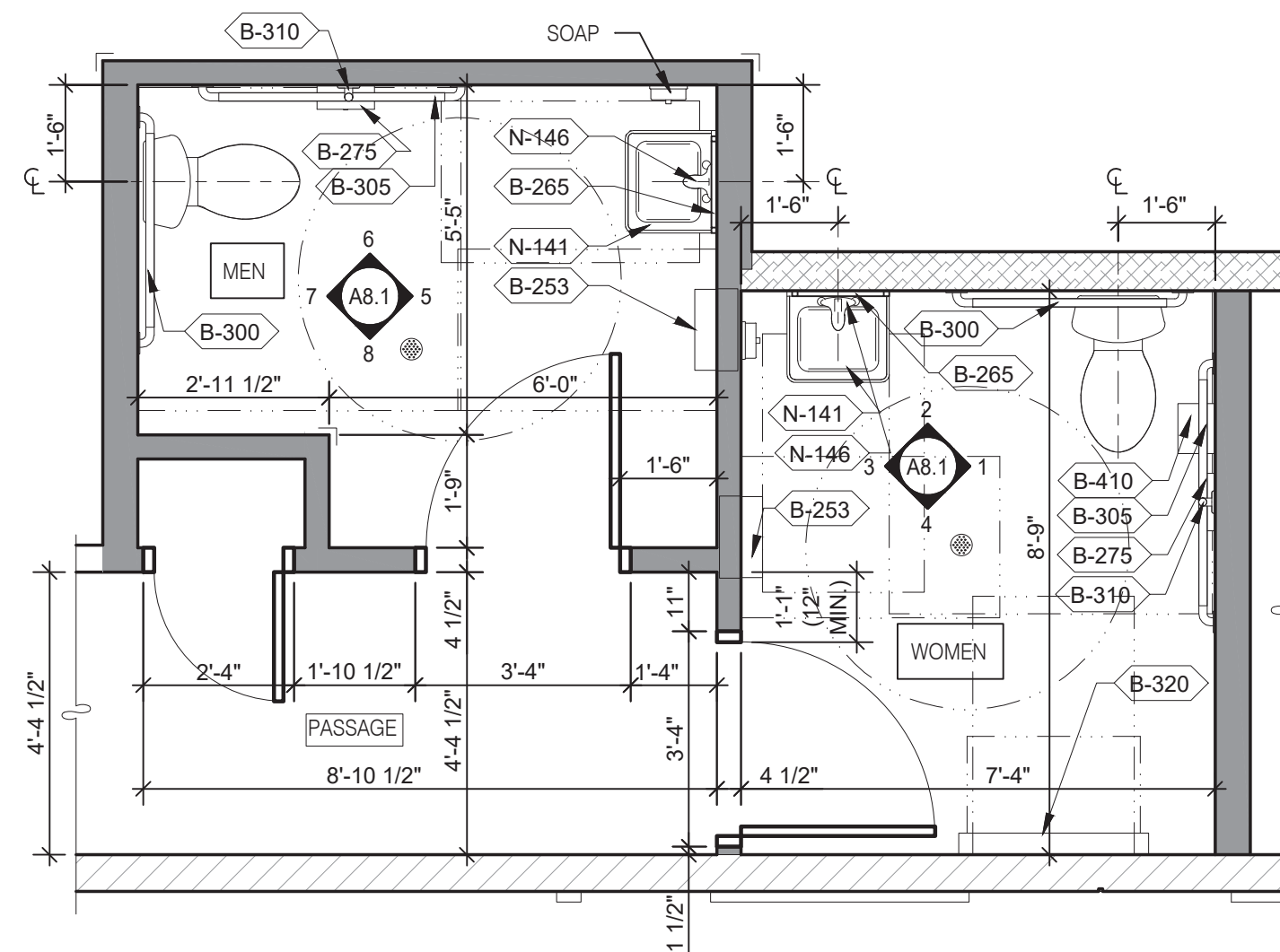
**STORAGE ELEVATION** 3/8" = 1'-0" **9**



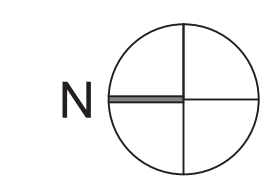
**MEN'S RESTROOM** 3/8" = 1'-0" **5**



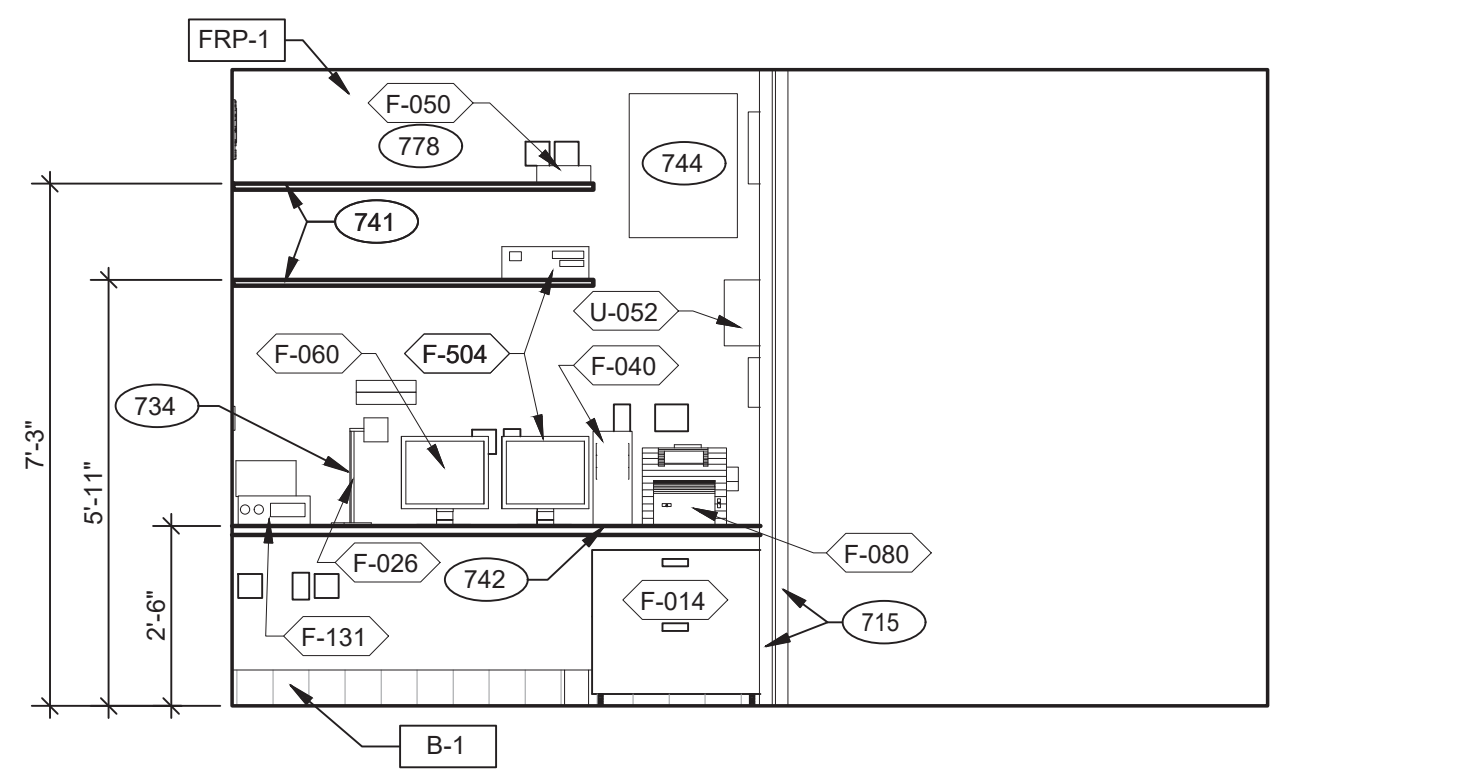
**WOMEN'S RESTROOM** 3/8" = 1'-0" **1**



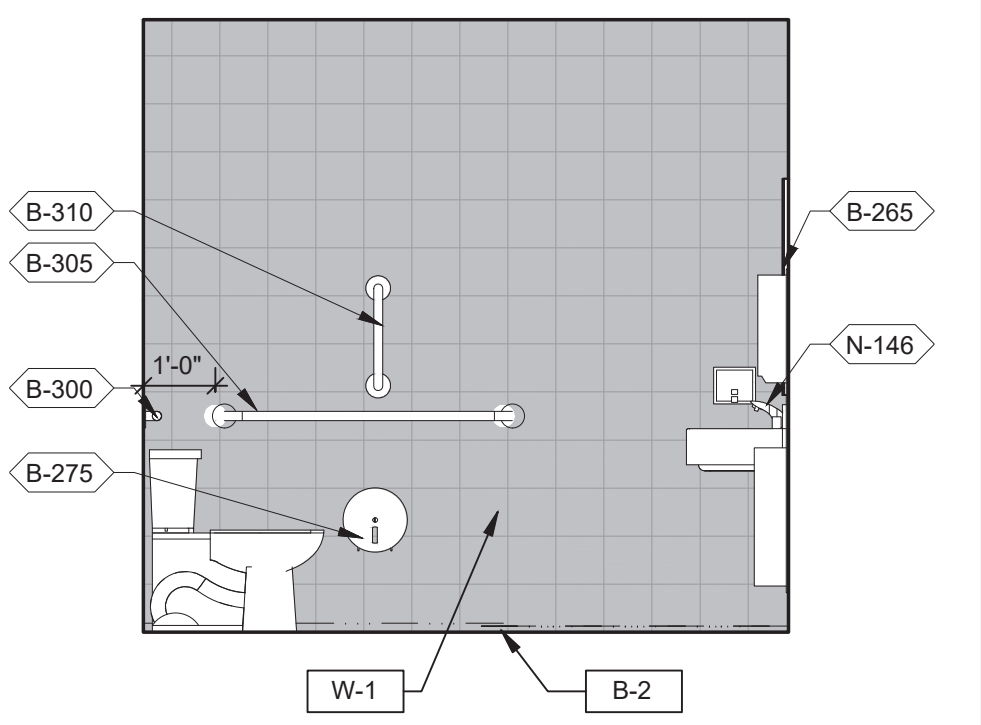
- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
  - B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
  - C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
  - D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURE.
- ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.  
\* ABSOLUTE DIMENSION
- DESIGNER NOTE:  
REFER TO G4.0 & G4.1  
REFER TO SHEET A-2.1 FOR FIXTURE LIST.



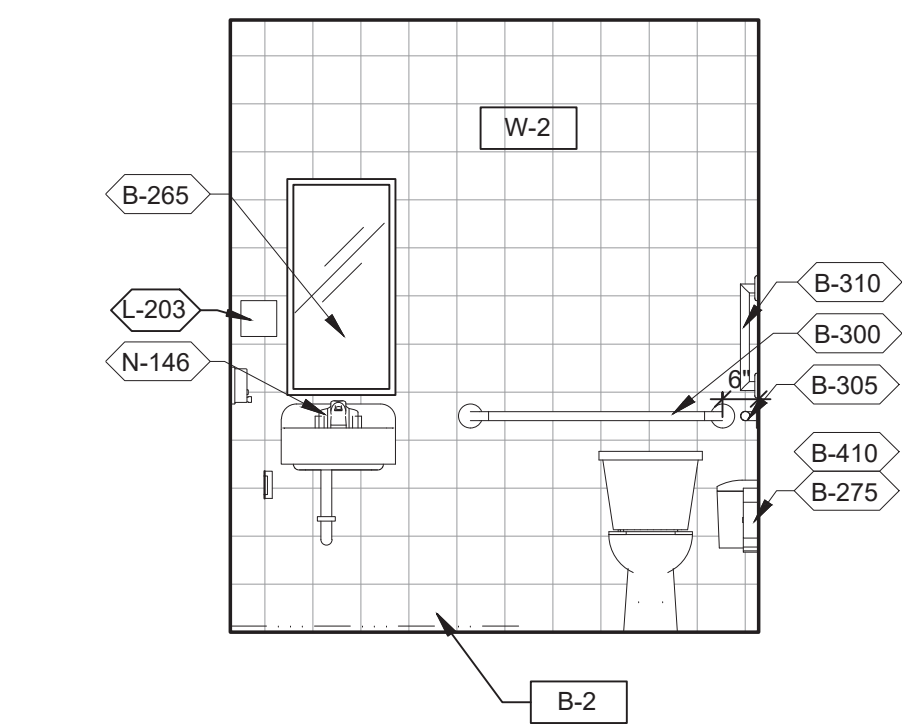
**ENLARGED RESTROOM / GENERAL NOTES** 3/8" = 1'-0" **A**



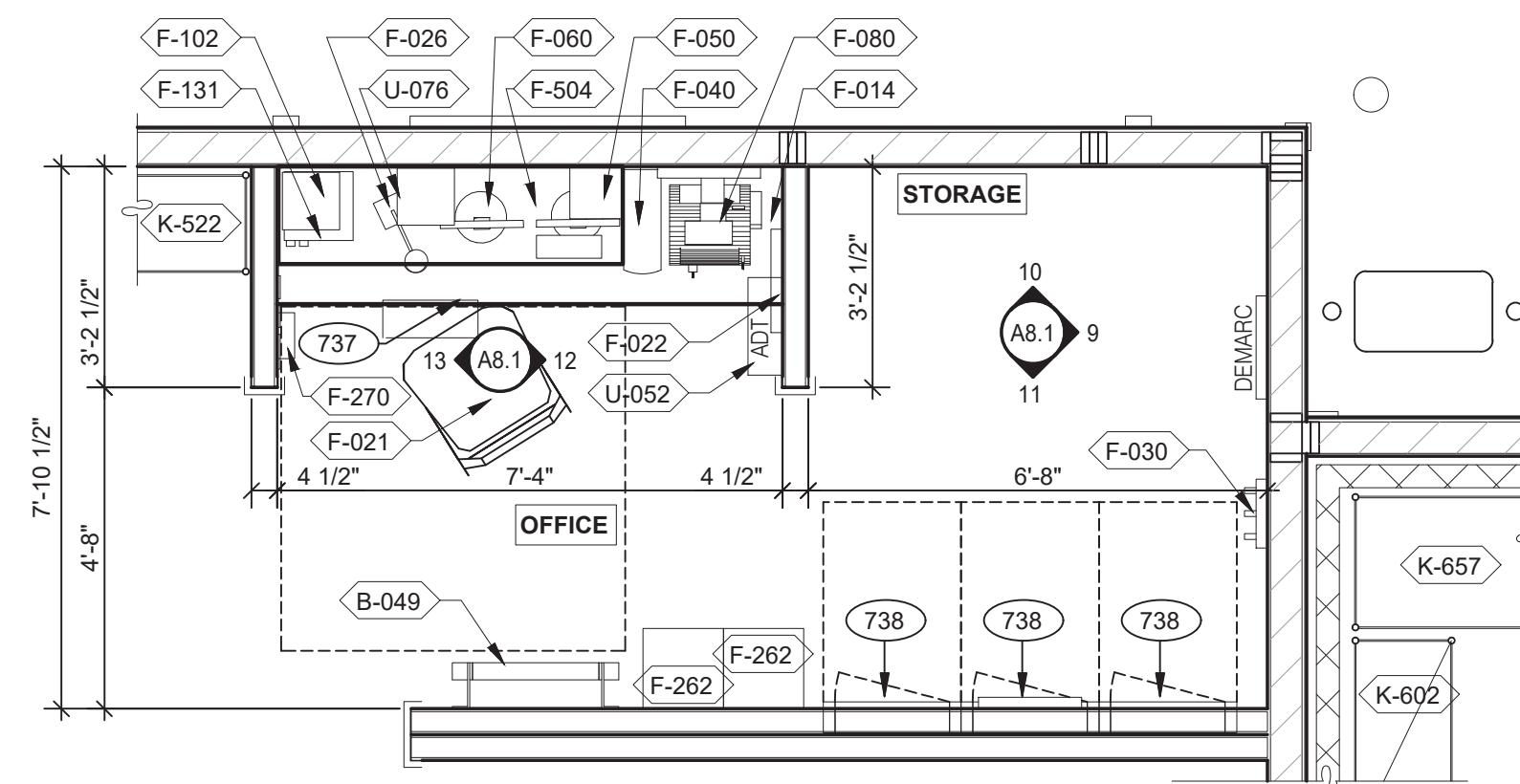
**OFFICE / STORAGE ELEVATION** 3/8" = 1'-0" **10**



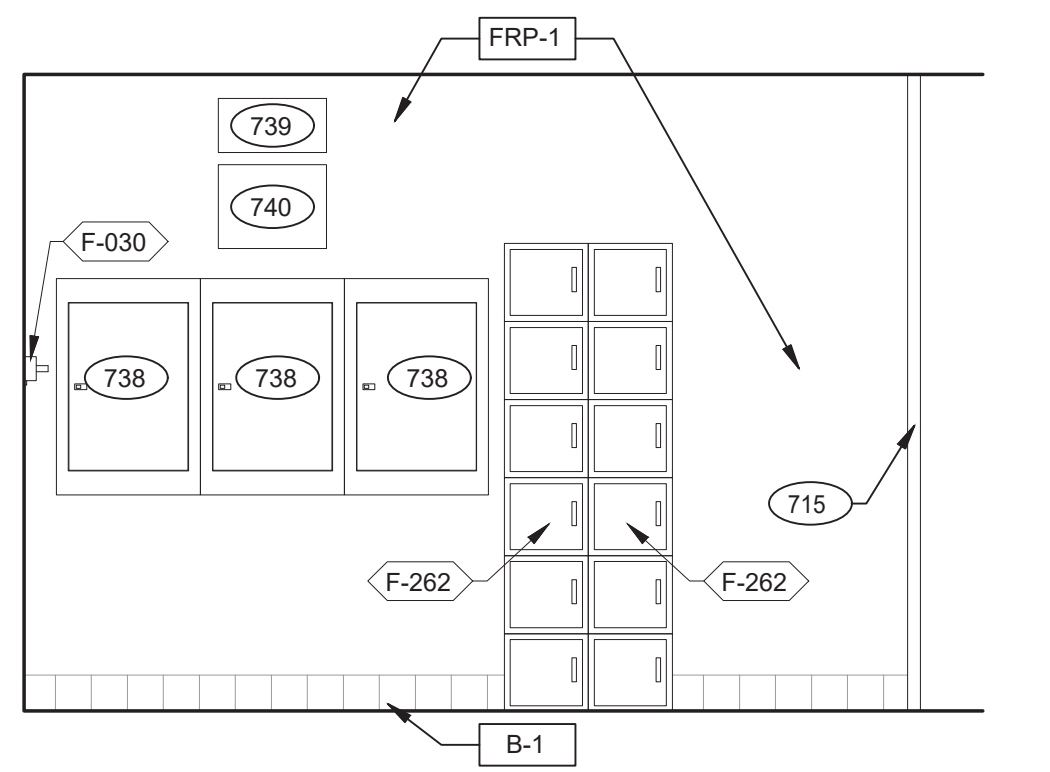
**MEN'S RESTROOM** 3/8" = 1'-0" **6**



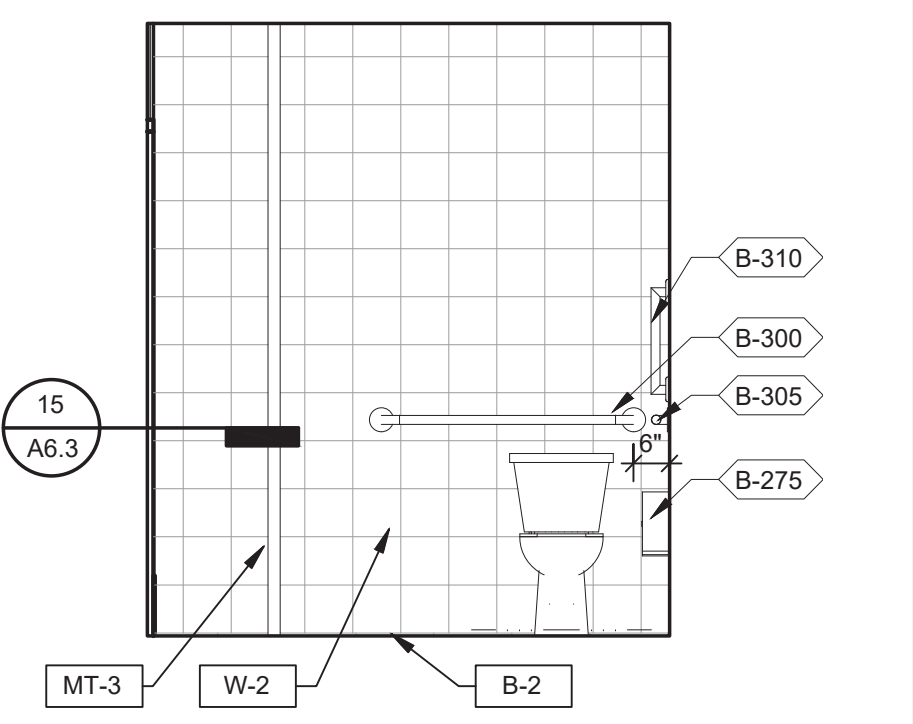
**WOMEN'S RESTROOM** 3/8" = 1'-0" **2**



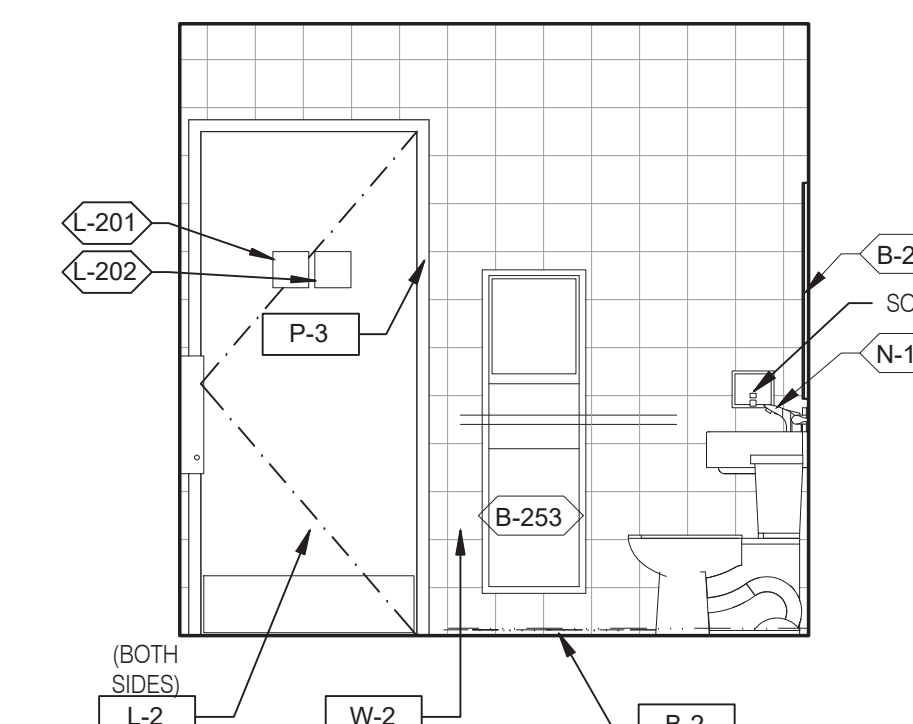
**OFFICE PLAN** 3/8" = 1'-0" **B**



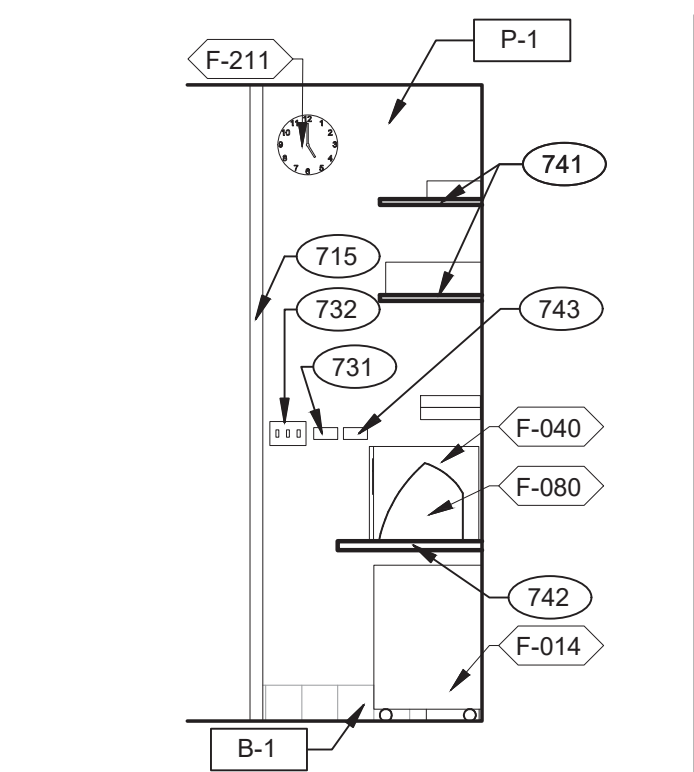
**OFFICE / PRE-PAY ELEVATION** 3/8" = 1'-0" **11**



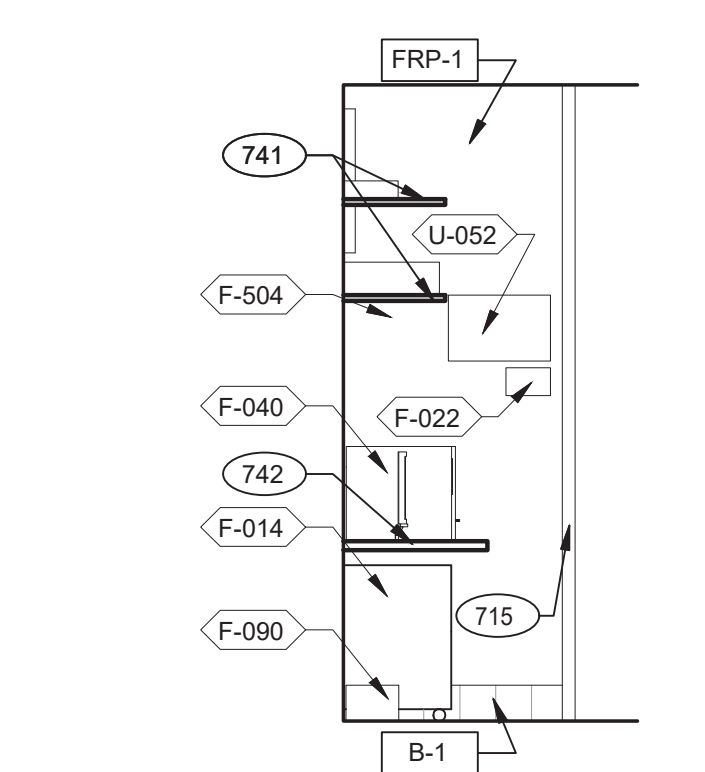
**MEN'S RESTROOM** 3/8" = 1'-0" **7**



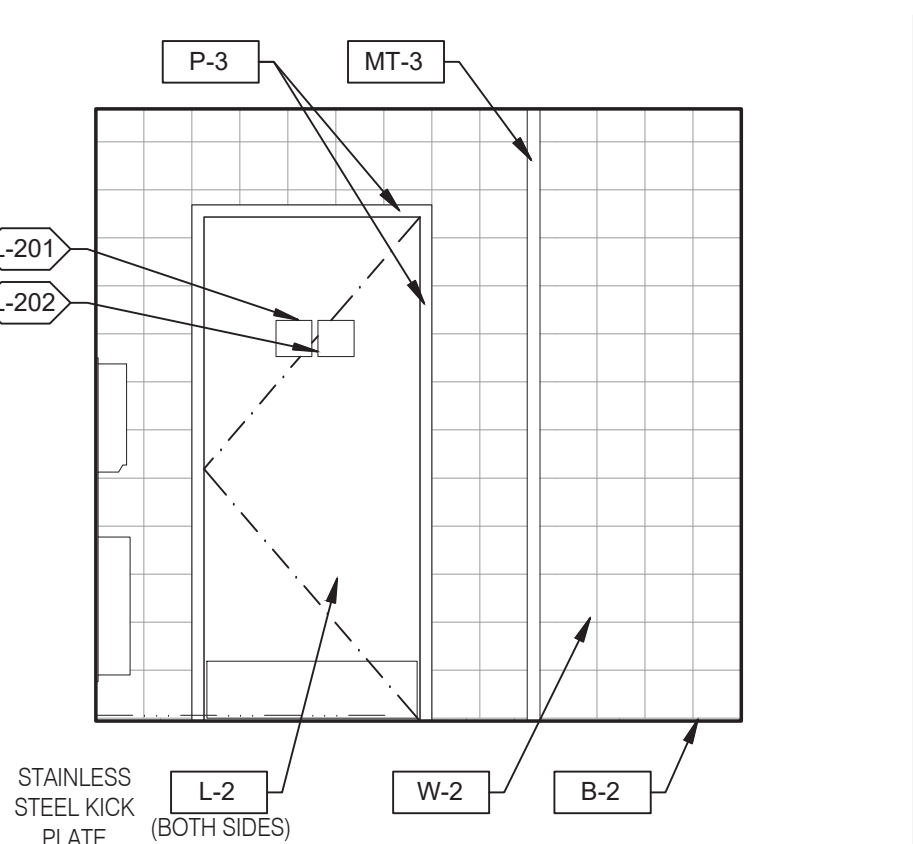
**WOMEN'S RESTROOM** 3/8" = 1'-0" **3**



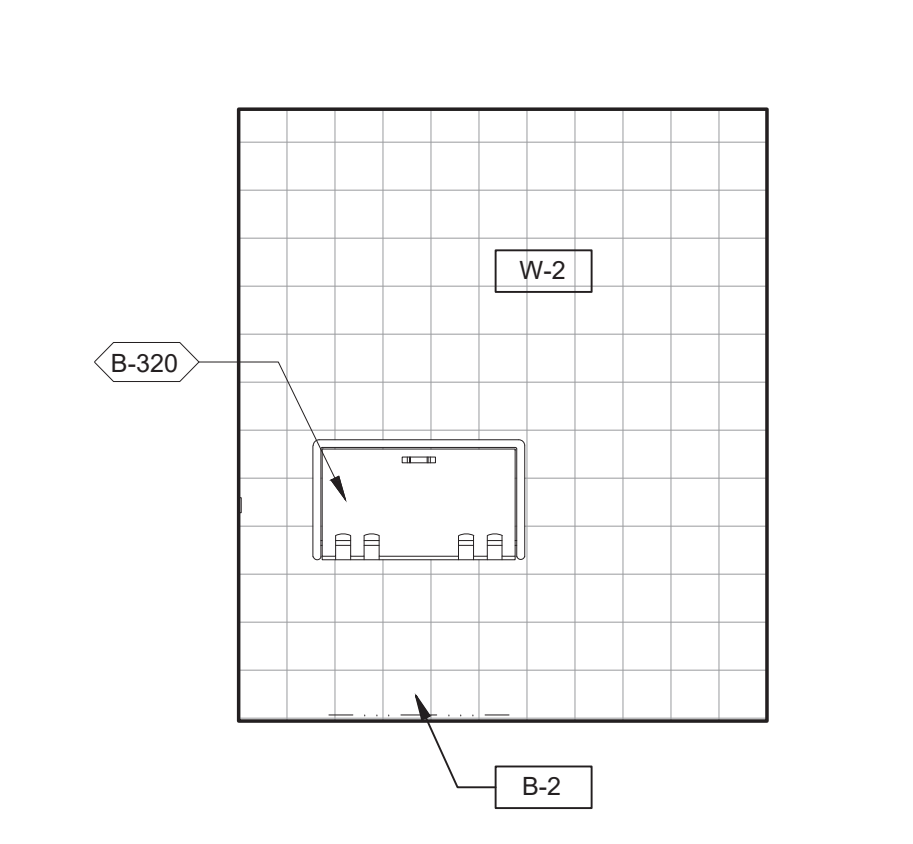
**OFFICE ELEVATION** 3/8" = 1'-0" **13**



**OFFICE ELEVATION** 3/8" = 1'-0" **12**



**MEN'S RESTROOM** 3/8" = 1'-0" **8**



**WOMEN'S RESTROOM** 3/8" = 1'-0" **4**

REFER TO STANDARD REQUIRED SIGNAGE TABLE ON SHEET 3/G4.0.

**RESTROOM SIGNAGE** **D**

- 731 THERMOSTATS.
- 732 LIGHTING CONTROL RELAY SWITCHES. SEE DETAIL 3/E3.1.
- 734 DESK LAMP.
- 737 UNDER COUNTER KEYBOARD TRAY.
- 738 ELECTRIC PANELS.
- 739 FAN & LIGHT CONTROL BOX. REFER TO SHEET E6.0.
- 740 EXTERIOR LIGHTING CONTROL PANEL (GREEN GATE).
- 741 SHELF BY GC - FINISH WITH PLASTIC LAMINATED, L-1.
- 742 COUNTER BY GC - FINISH WITH PLASTIC LAMINATED, L-1.
- 743 DUCT SMOKE DETECTOR RESET SWITCH.
- 744 TECH-IN-A-BOX (WALL MOUNT RACK ENCLOSURE CABINETS); REFER TO SHEET E3.1. GC TO PROVIDE BLOCKING WHERE REQUIRED.
- 745 DOOR IS OPTIONAL.
- 778 PROVIDE POWER FOR F-050.
- 779 PROVIDE POWER FOR N-146.

**KEYNOTES** **C**



**L+A ARCHITECTS INC. A.I.A.**  
441 S. LIVERNOS ROAD  
SUITE 265  
ROCHESTER HILLS, MI 48307  
PHONE (248) 524-4700 FAX (248) 524-9746  
PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:                      
BUILDING TYPE:                    END. MED 40  
PLAN VERSION:                    MARCH 2021  
BRAND DESIGNER:                      
SITE NUMBER:                    315876  
STORE NUMBER:                    458993  
PA/PM:                                  
DRAWN BY.:                            

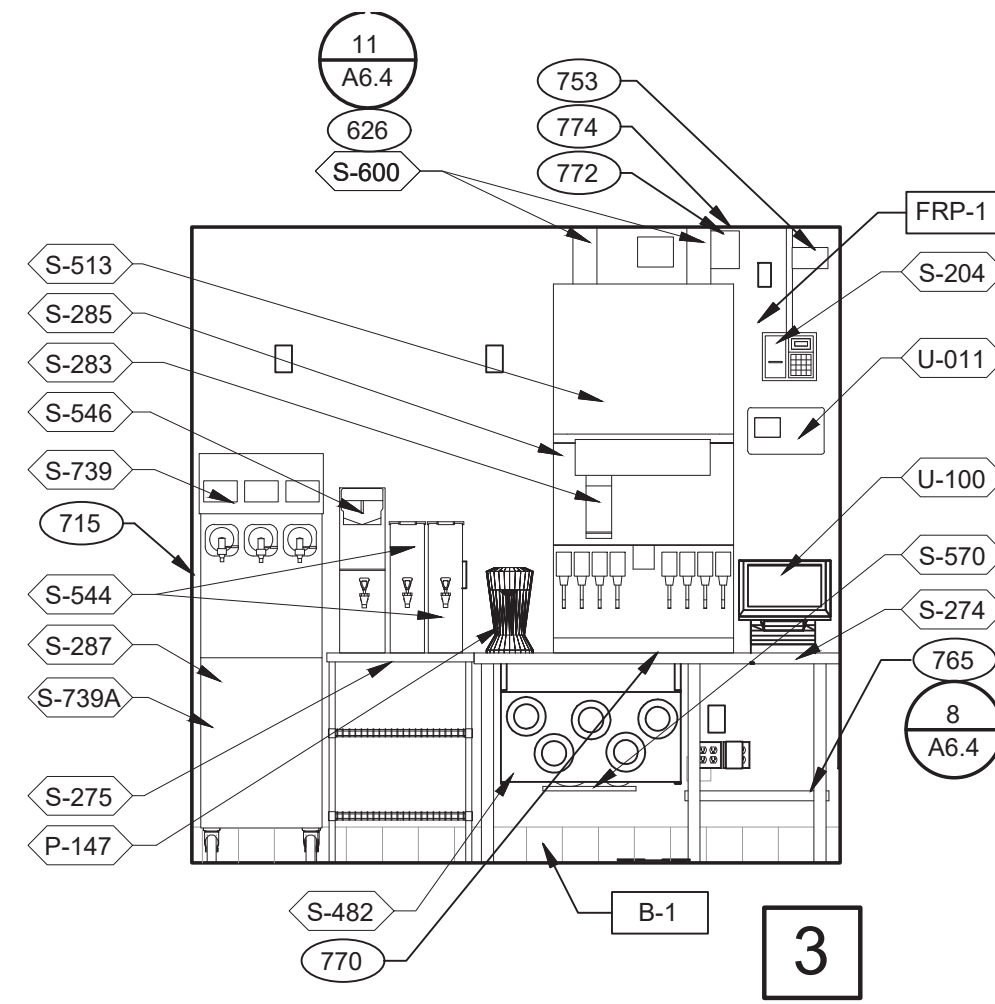
JOB NO.:                                  
**GREAT LAKES TACO, LLC**  
2727 Main Street (M-53)  
Marquette, Michigan 48453



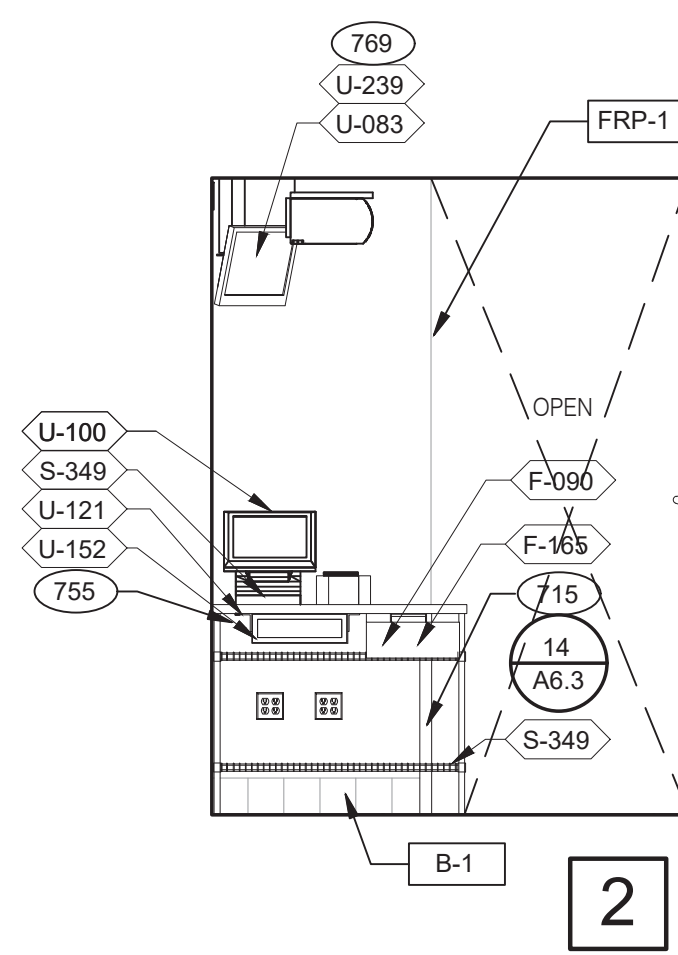
**ENDEAVOR 2.0 INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN**

**A8.1**

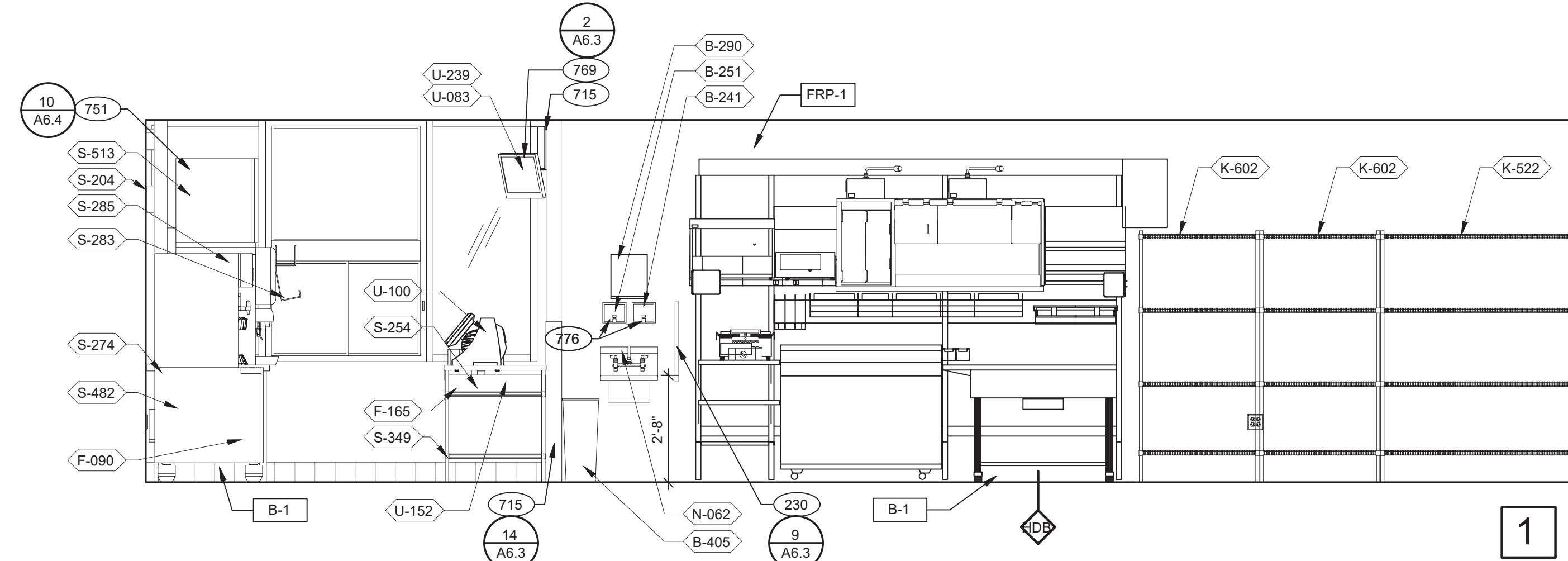
PLOT DATE: 6/23/2022



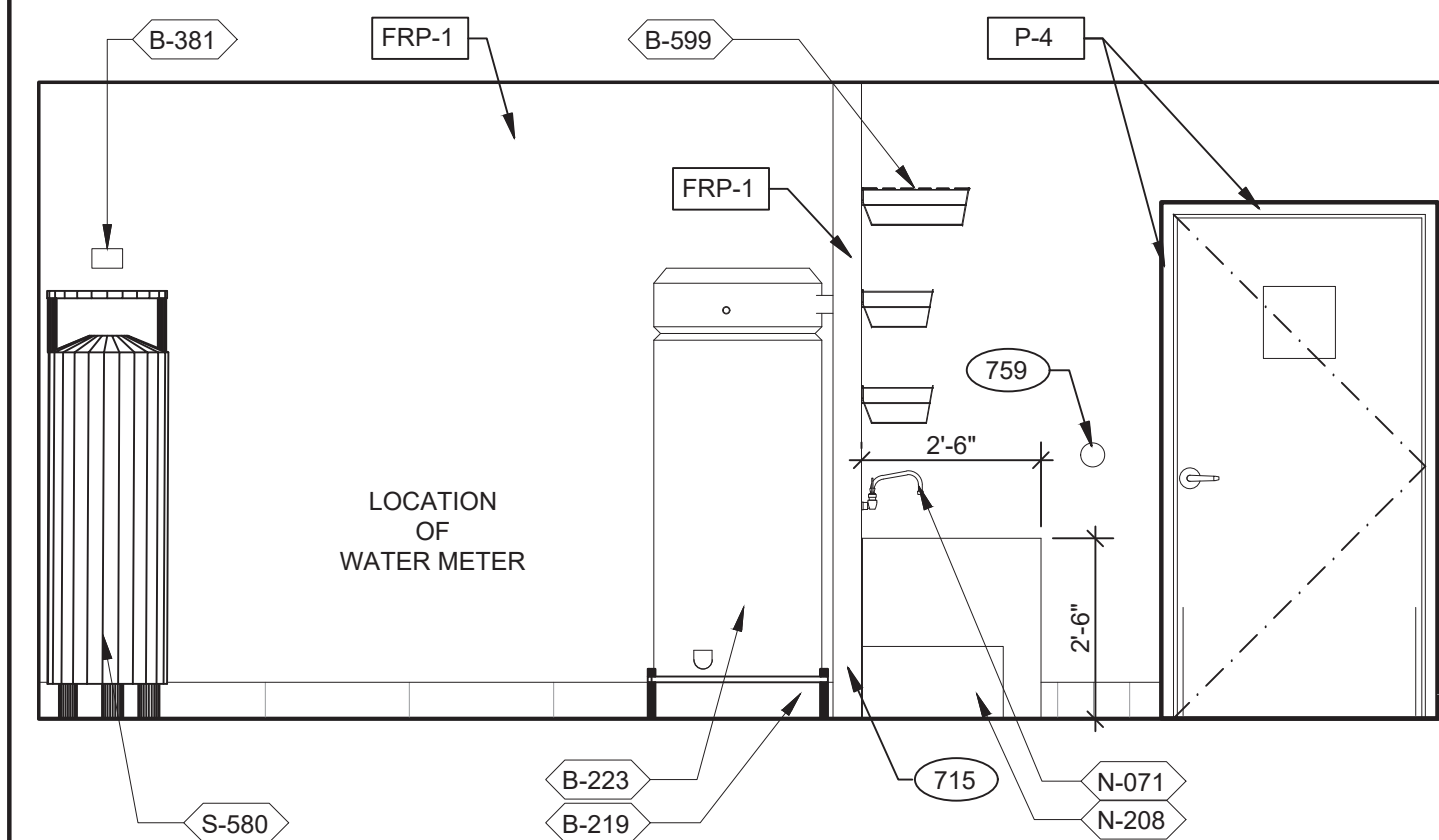
**DRIVE-THRU** 3/8" = 1'-0"



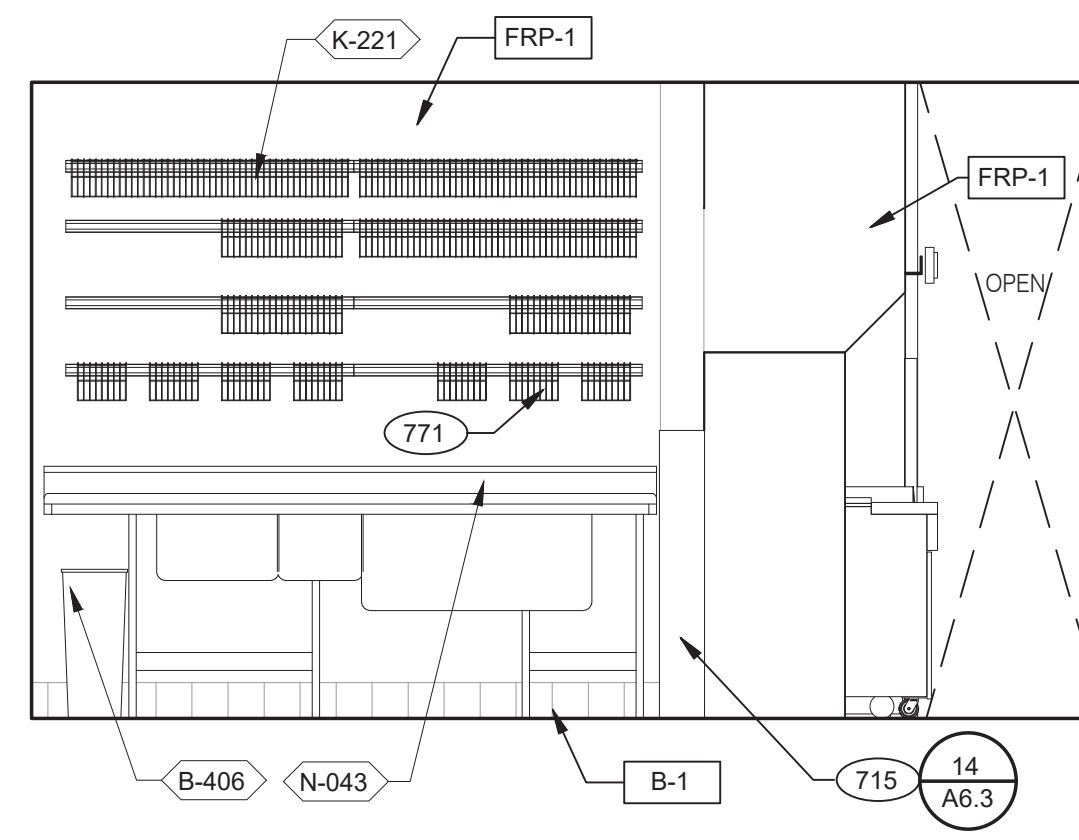
**DRIVE-THRU** 3/8" = 1'-0"



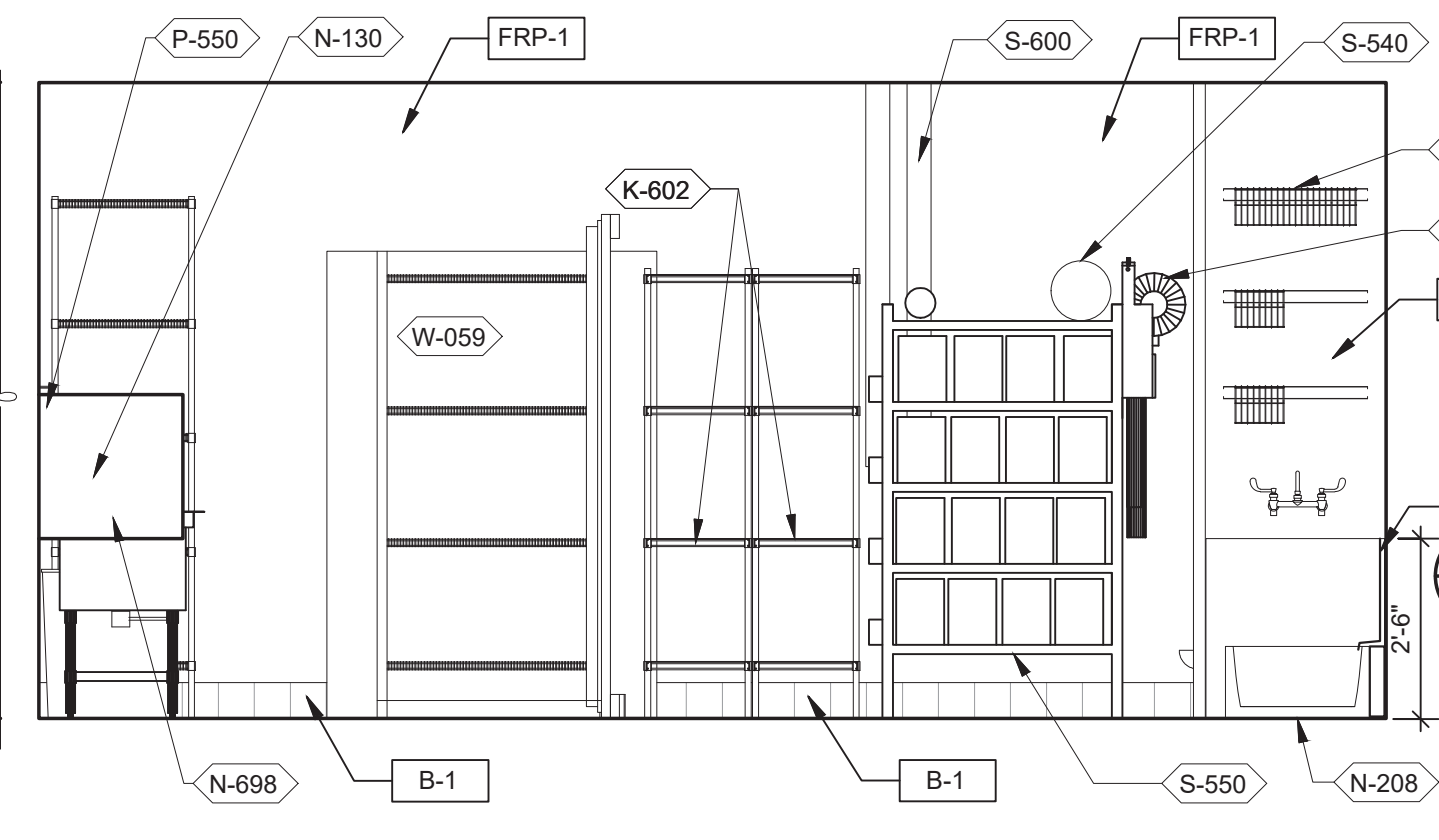
**DRIVE-THRU AND TB COOK** 3/8" = 1'-0"



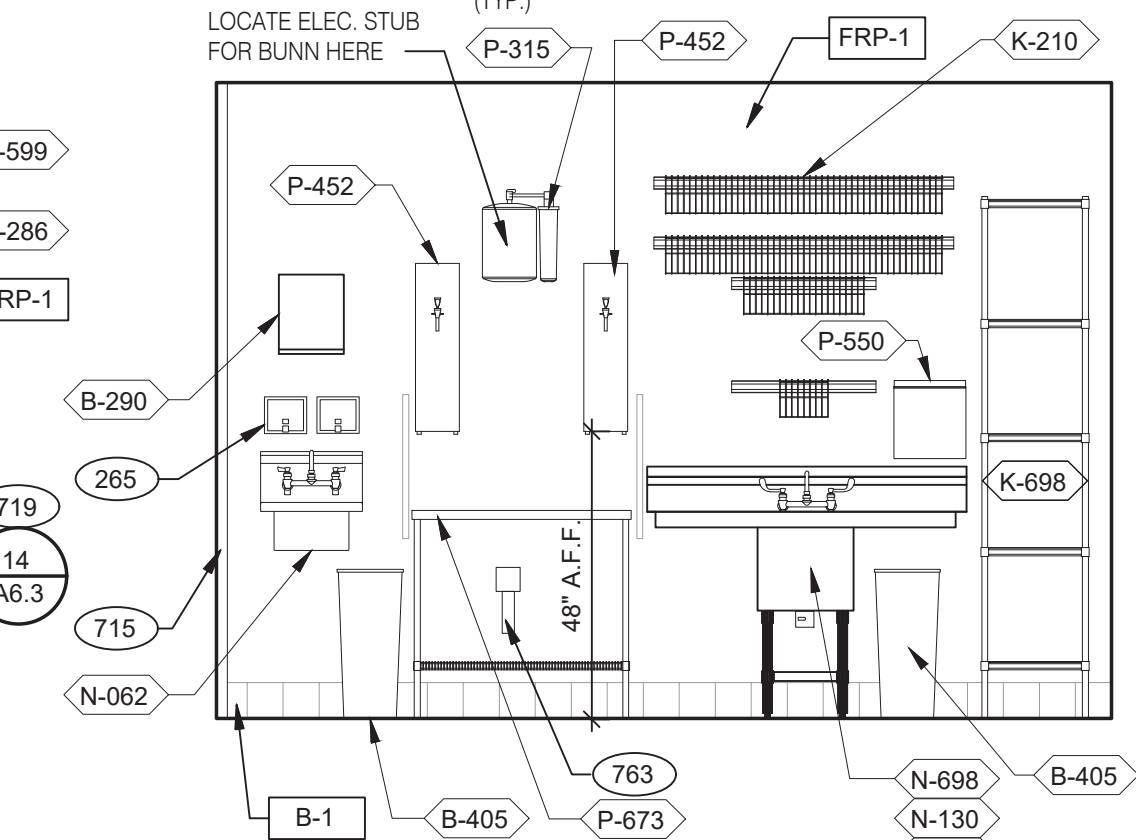
**UTILITY** 3/8" = 1'-0"



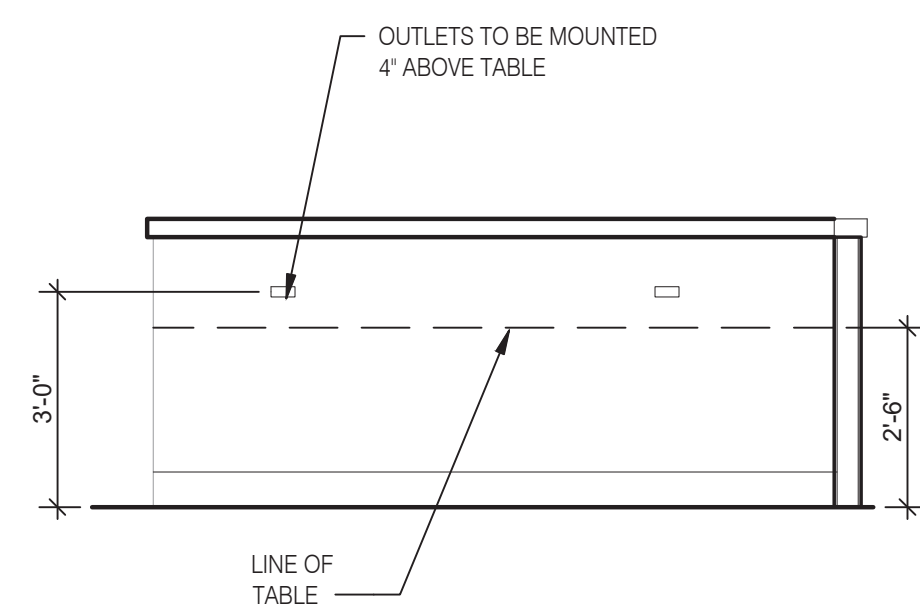
**WARE WASHING** 3/8" = 1'-0"



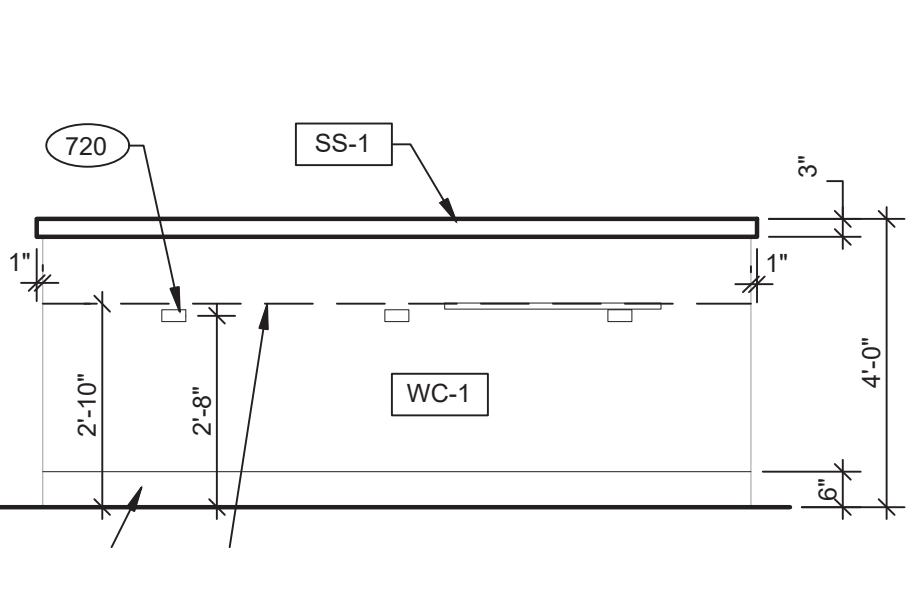
**UTILITY** 3/8" = 1'-0"



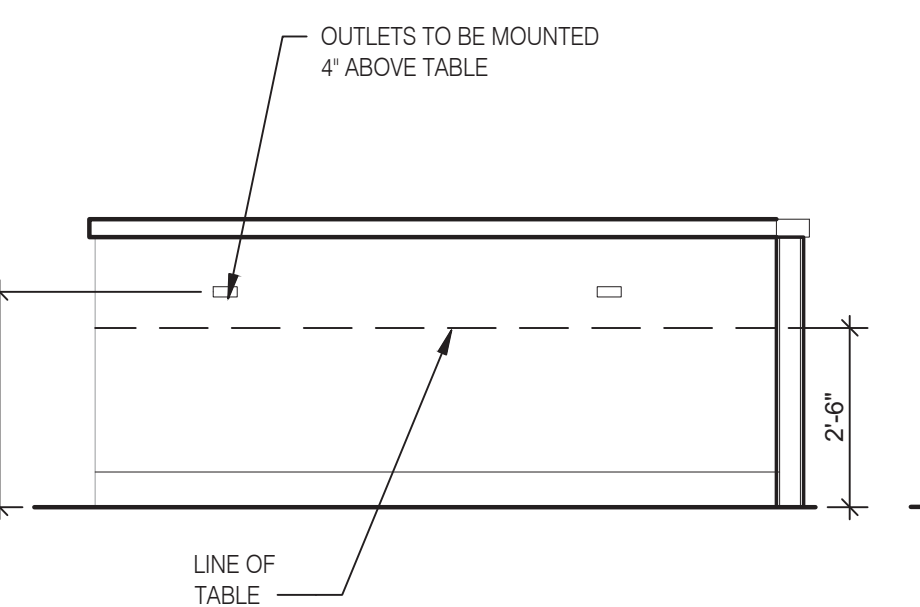
**WARE WASHING** 3/8" = 1'-0"



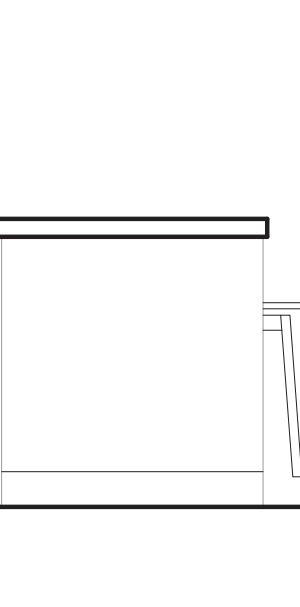
**13**



**12**

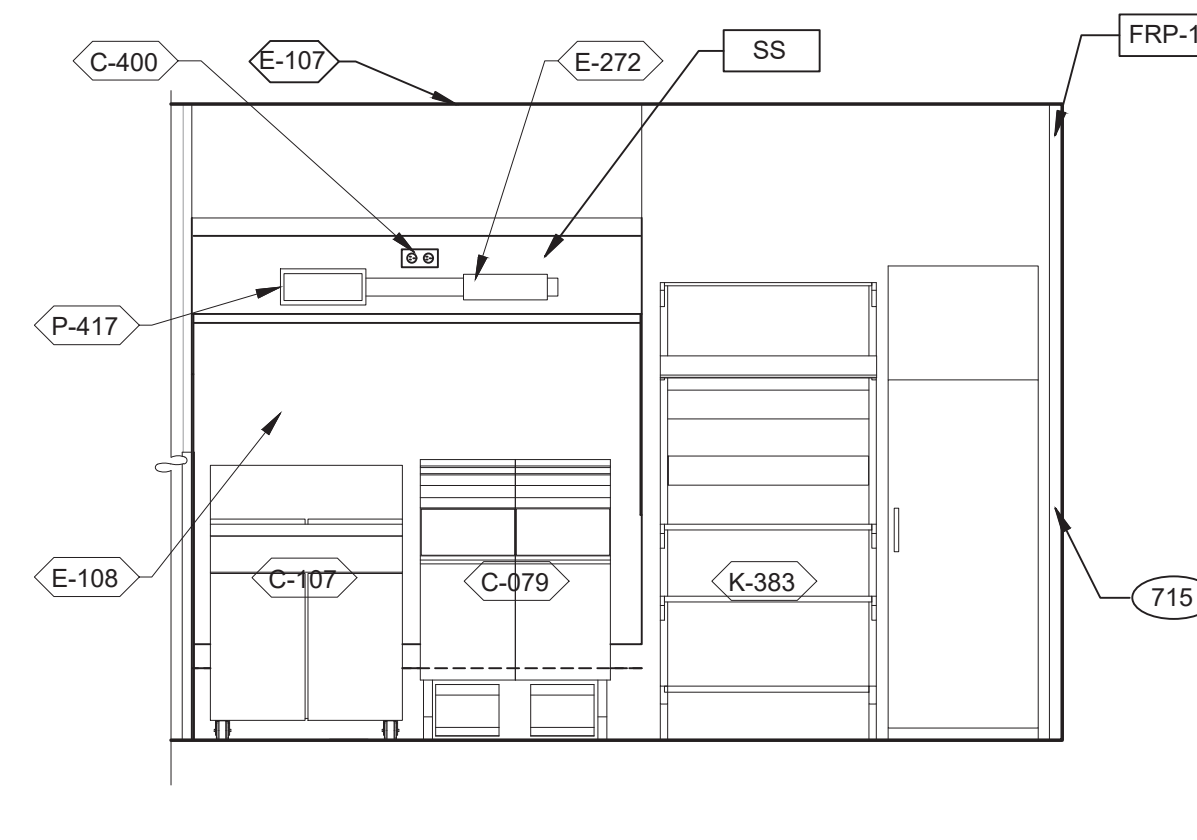


**11**



**10**

**DINING PANEL ELEVATION** 3/8" = 1'-0"



**9**

**COOK LINE** 3/8" = 1'-0"

- 230 STAINLESS STEEL SPLASH GUARD.
- 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECO-LAB.
- 626 STAINLESS STEEL SYRUP CHASE ON WALL.
- 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.
- 719 STAINLESS STEEL CLOSURE WITH FLASHING AND END CAP.
- 720 POWER/DATA OUTLETS FOR THE KIOSKS MOUNTED BELOW KIOSK TABLE HEIGHT.
- 751 STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES.
- 753 DRIVE-THRU TIMER DISPLAY UNIT.
- 755 HOLD-UP BUTTON.
- 759 ANSUL PULL STATION.
- 763 FILTER FOR HOT WATER SYSTEM.
- 765 OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE DETAIL.
- 769 CEILING MOUNT MONITOR BRACKET.
- 770 ADJACENT TABLE TOPS TO BE INSTALLED AT SAME LEVEL. ADJUST IN THE FIELD AS REQUIRED.
- 771 CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK & CLEAN SYSTEM.
- 772 DT TIMER SIGNAL PROCESSOR.
- 774 DT TIMER ETHERNET SWITCH.
- 776 AUTOMATIC HAND SOAP AND SANITIZER DISPENSER BY ECO-LAB.

**KEY NOTES**

**B**



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 ROCHESTER HILLS, MI 48307  
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 PROJECT # 22002

DATE	REMARKS

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 BRAND DESIGNER:  
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:  
 DRAWN BY:.  
 JOB NO.:

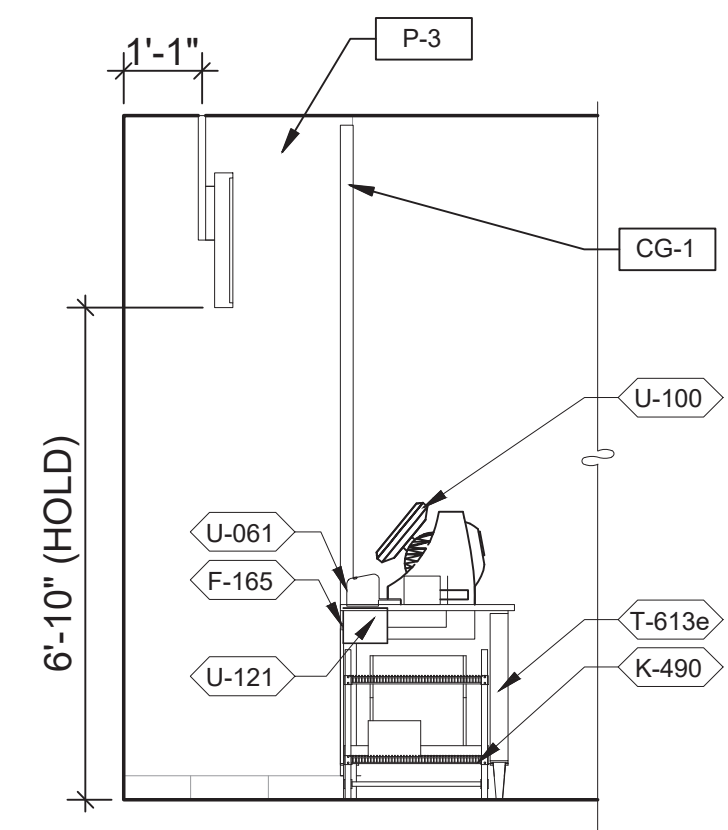
**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



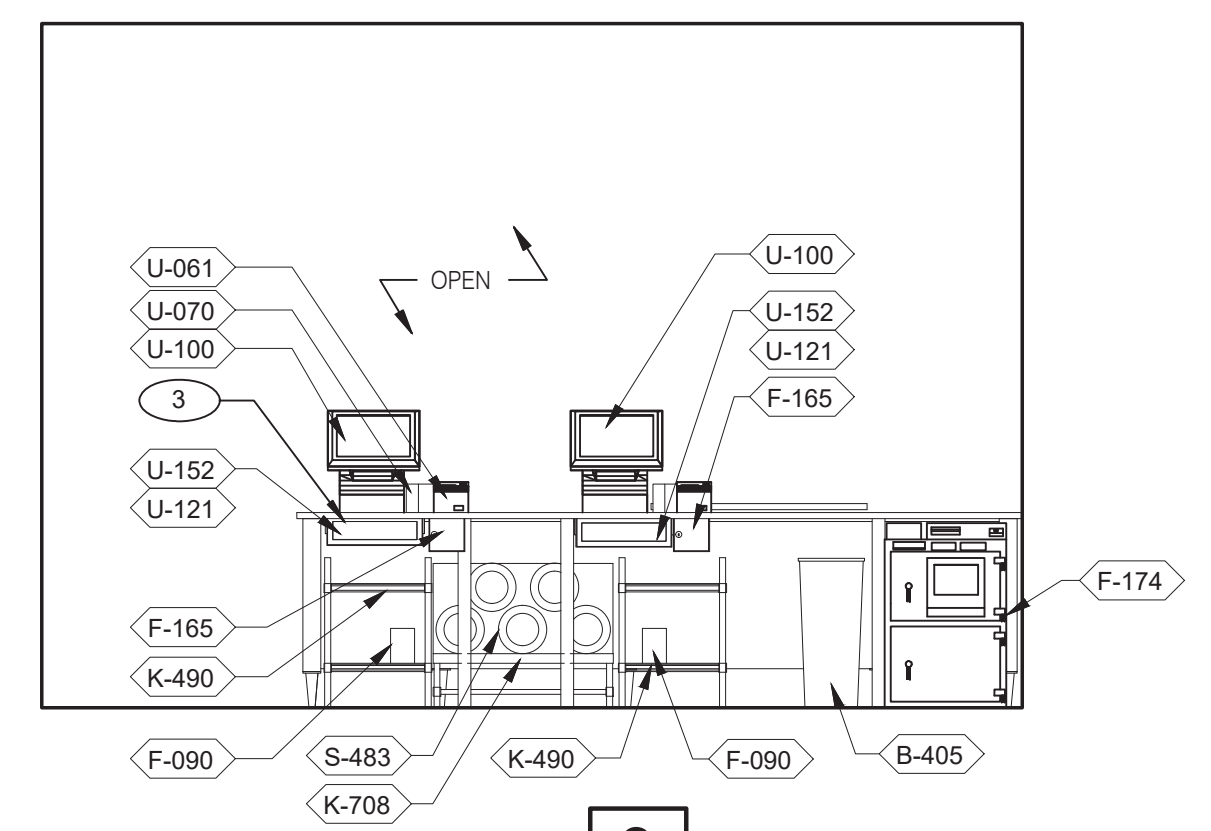
**ENDEAVOR 2.0 INTERIOR ELEVATIONS KITCHEN**

**A8.2**

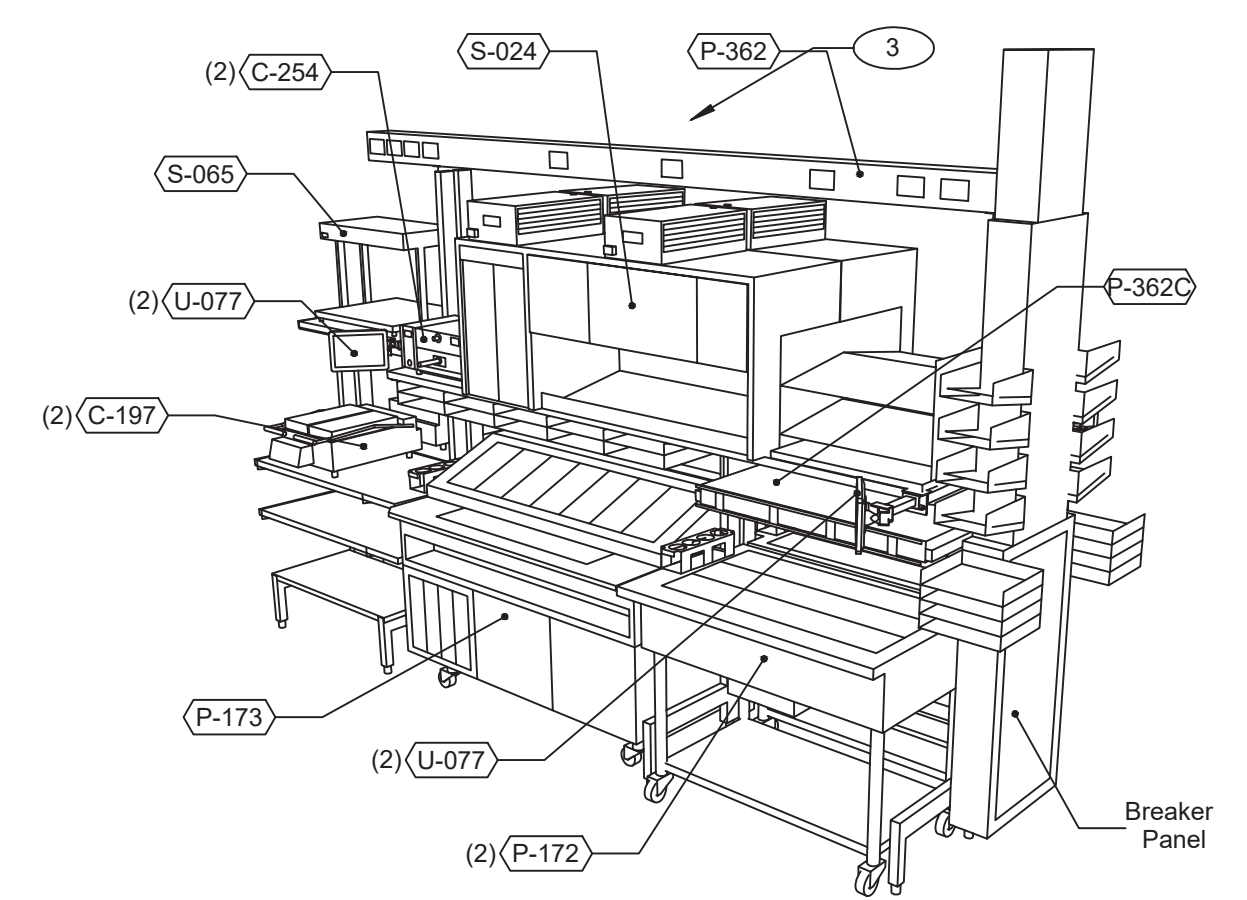
PLOT DATE: 6/23/2022



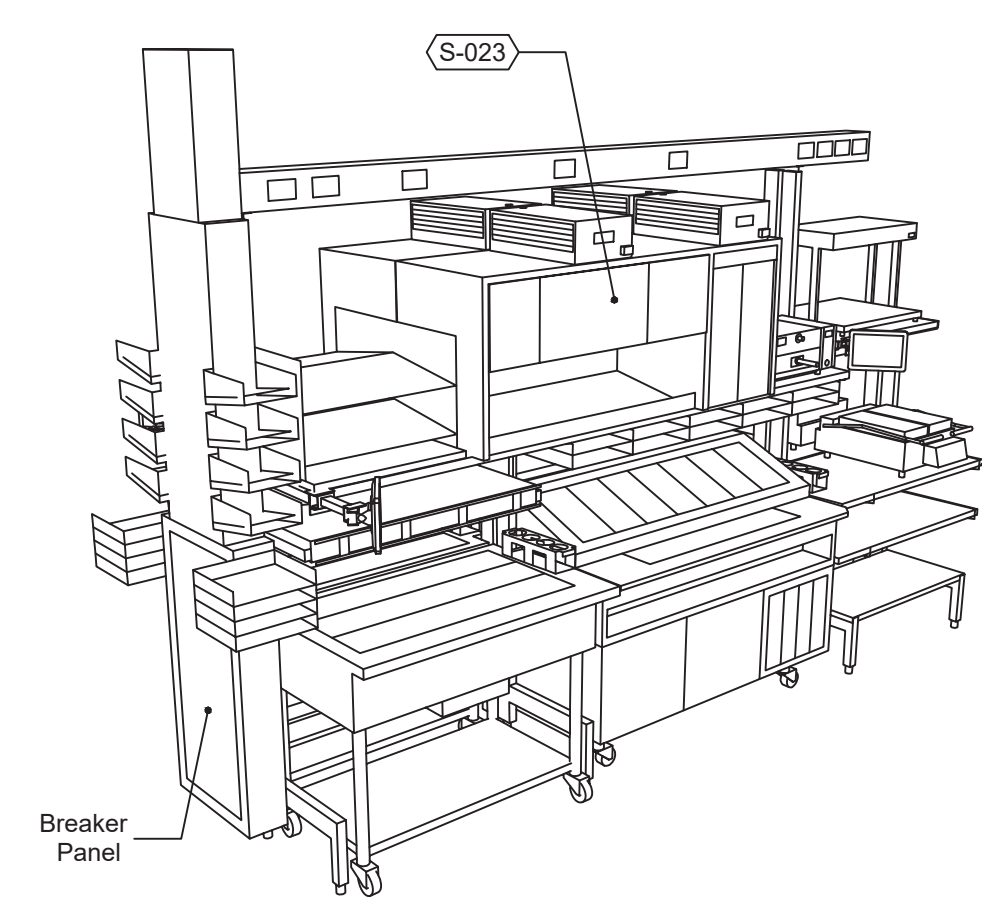
4



3



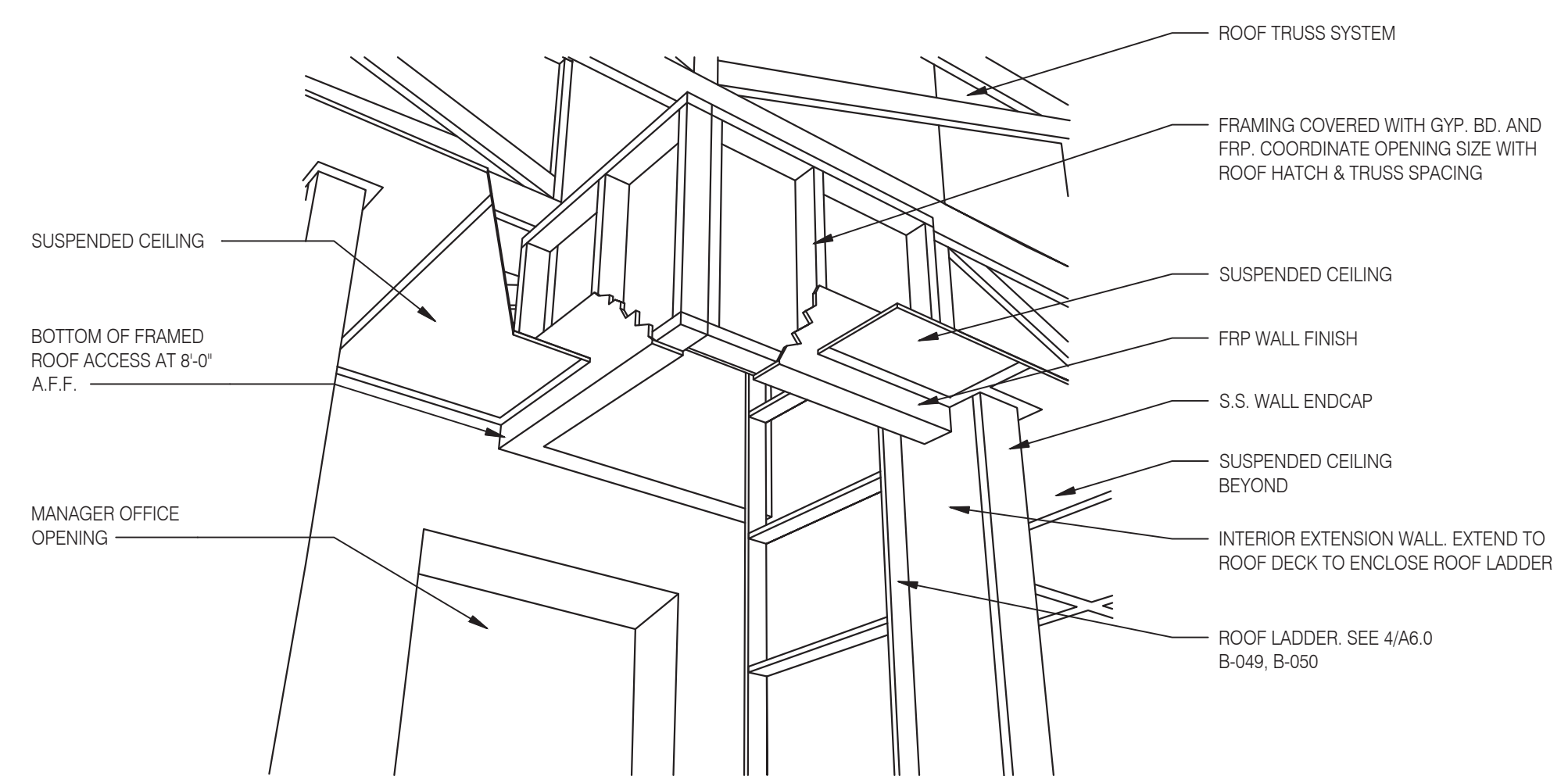
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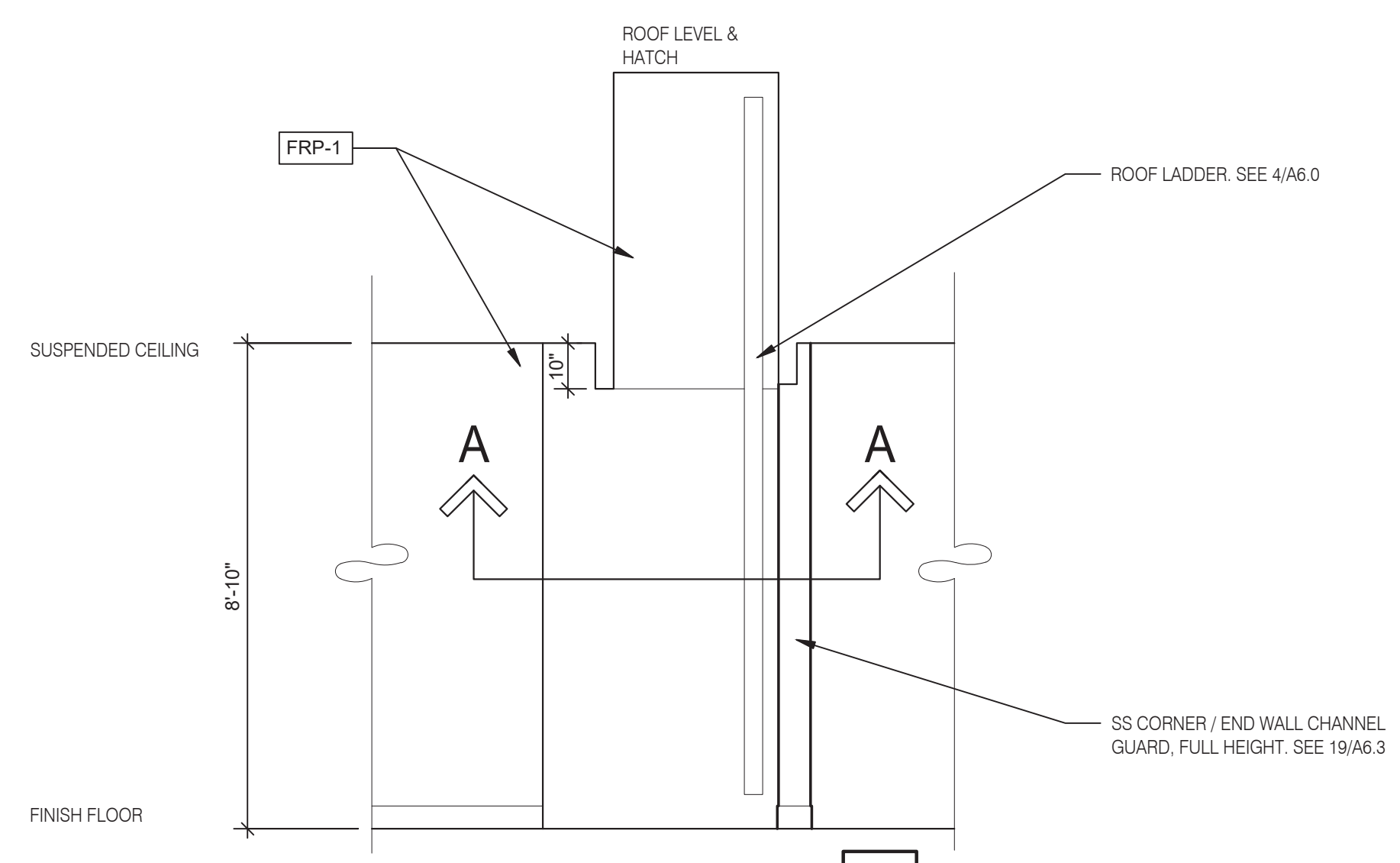
1

**SERVING** 3/8" = 1'-0"

**P-362B FLEX DUAL-LINE** 3/8" = 1'-0"



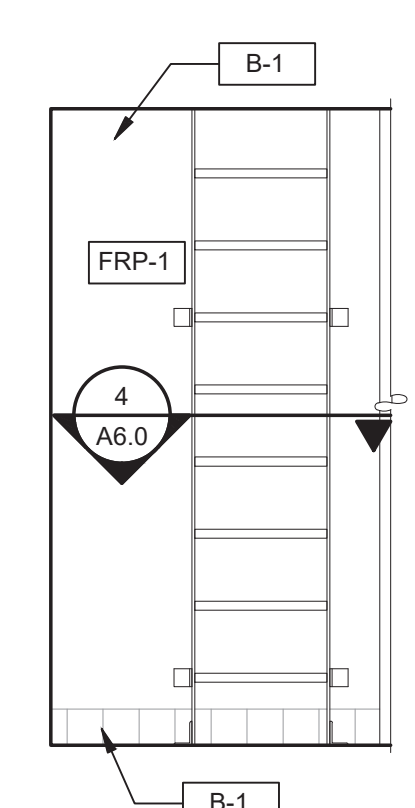
**A - ROOF LADDER VIEW**



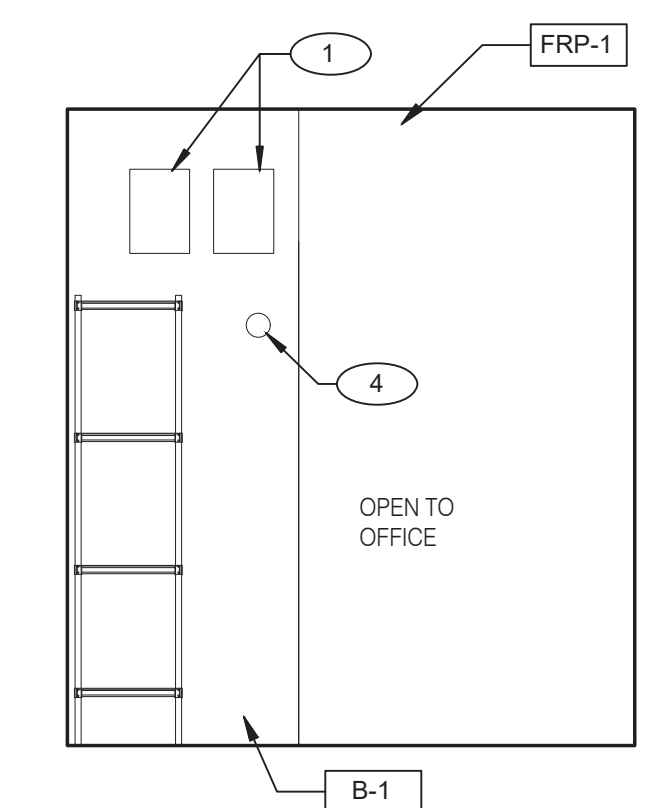
8

**ROOF ACCES PASSAGEWAY** 3/8" = 1'-0" **B**

**NOT USED (P-362A FLEX I-LINE, L-R)** N.T.S. **7**



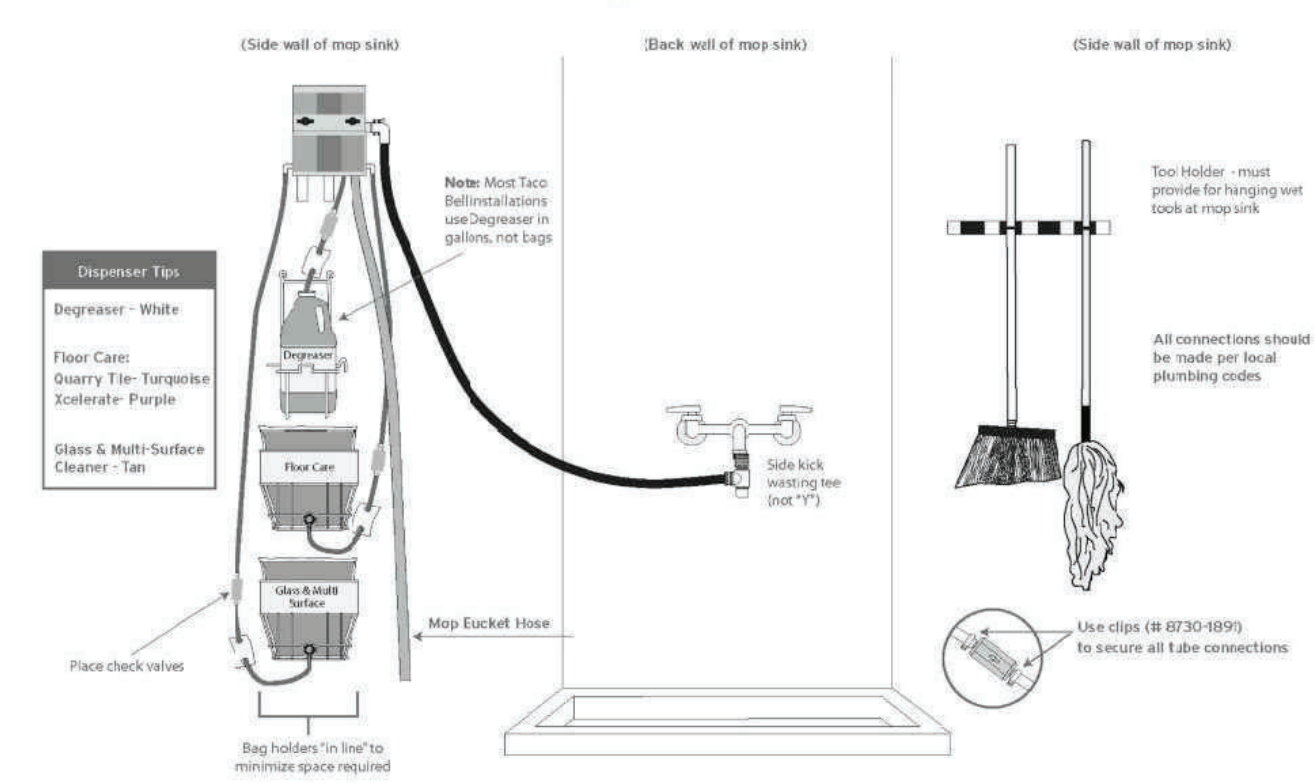
6



5

**STORAGE** 3/8" = 1'-0"

**Taco Bell Mop Sink Installation**



INSTALL IN ACCORDANCE WITH STATE AND LOCAL PLUMBING CODES. In states or municipalities requiring dedicated or vent-primed water lines, the dispensing unit at the 3-compartment sink must be connected to a "TEMPERED" water source. This may require the installation of a mixing/tempering valve.

ECOLAB 800.529.5458

**MOP SINK INSTALLATION** **C**

- 1 FAN MOTOR STARTERS, SURFACE MOUNTED, TYP. OF 2.
- 2 HOLD-UP BUTTON.
- 3 UTILITY CHASE.
- 4 TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.

**KEYNOTE** **A**



**L + A**  
**ARCHITECTS**  
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**GREAT LAKES**  
**TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



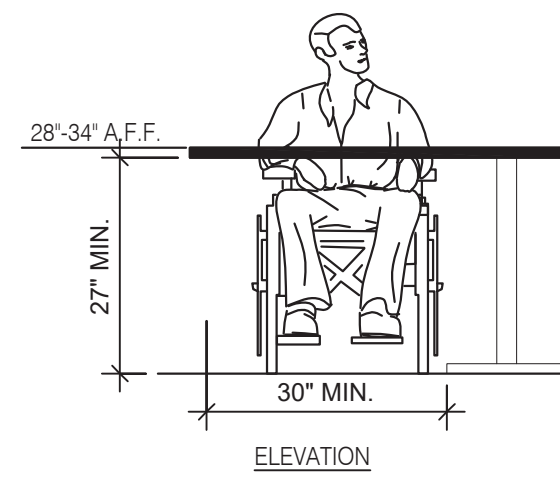
**ENDEAVOR 2.0**  
**INTERIOR**  
**ELEVATIONS**  
**KITCHEN**

**A8.3**

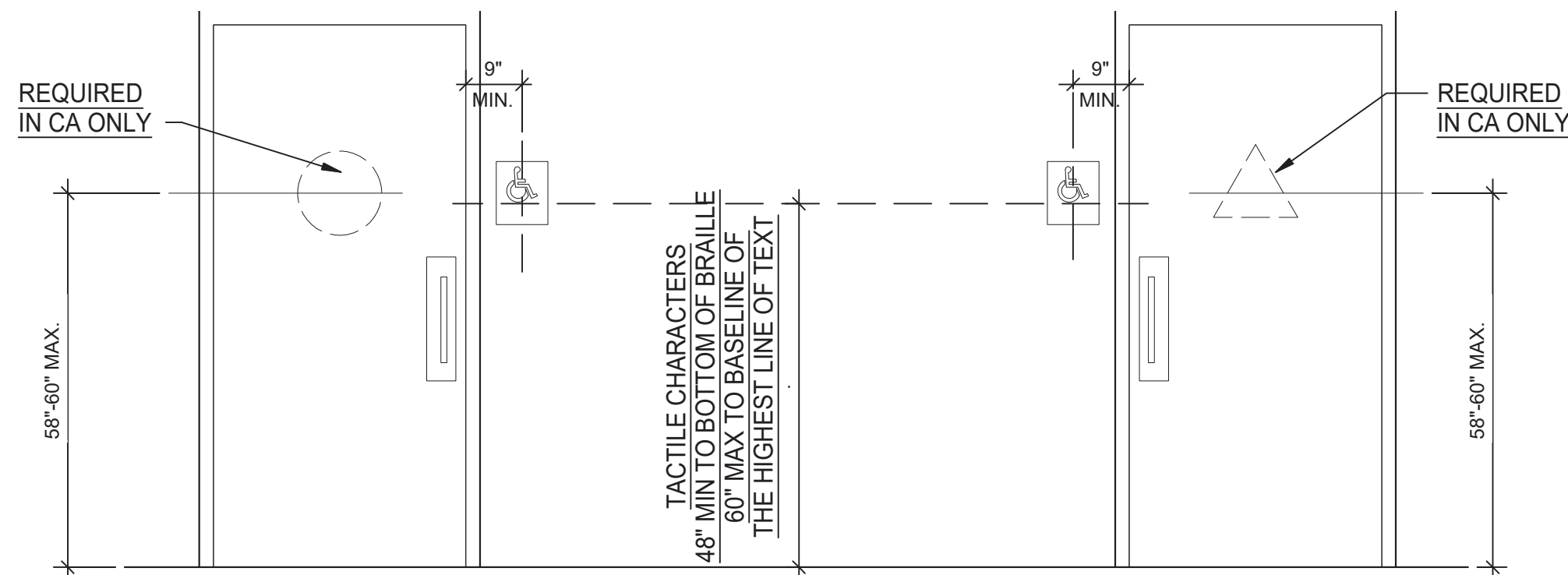
PLOT DATE: 6/23/2022

TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

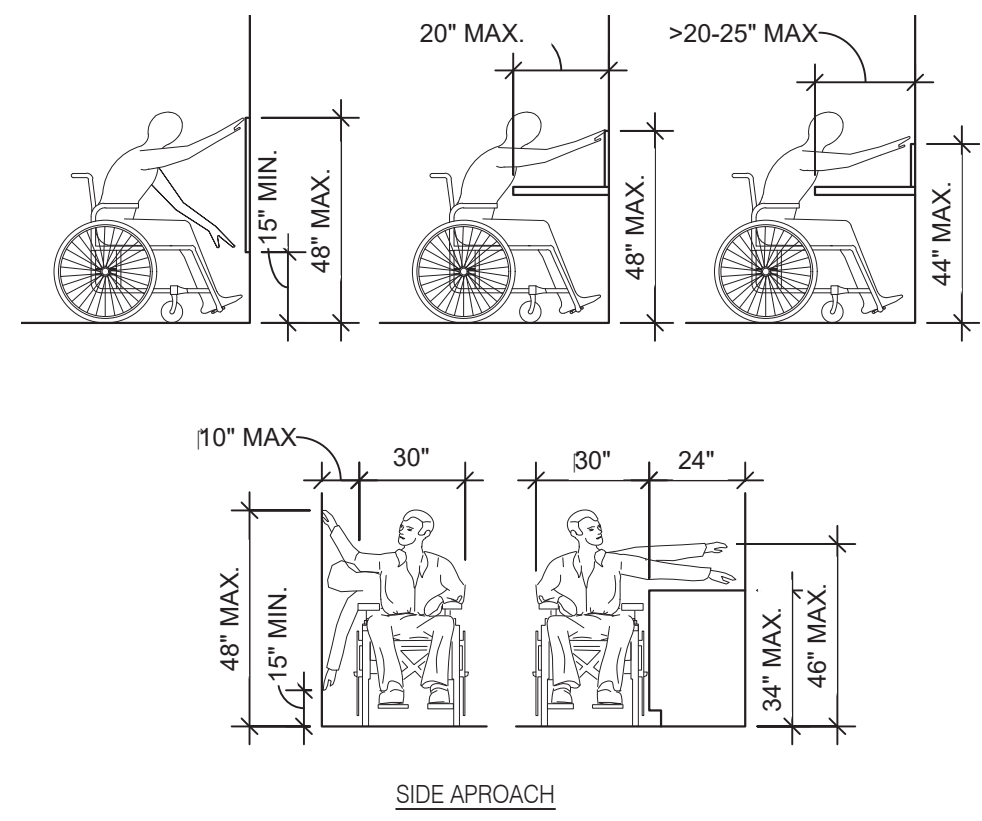
NUMBER OF ACCESSIBLE SEATS



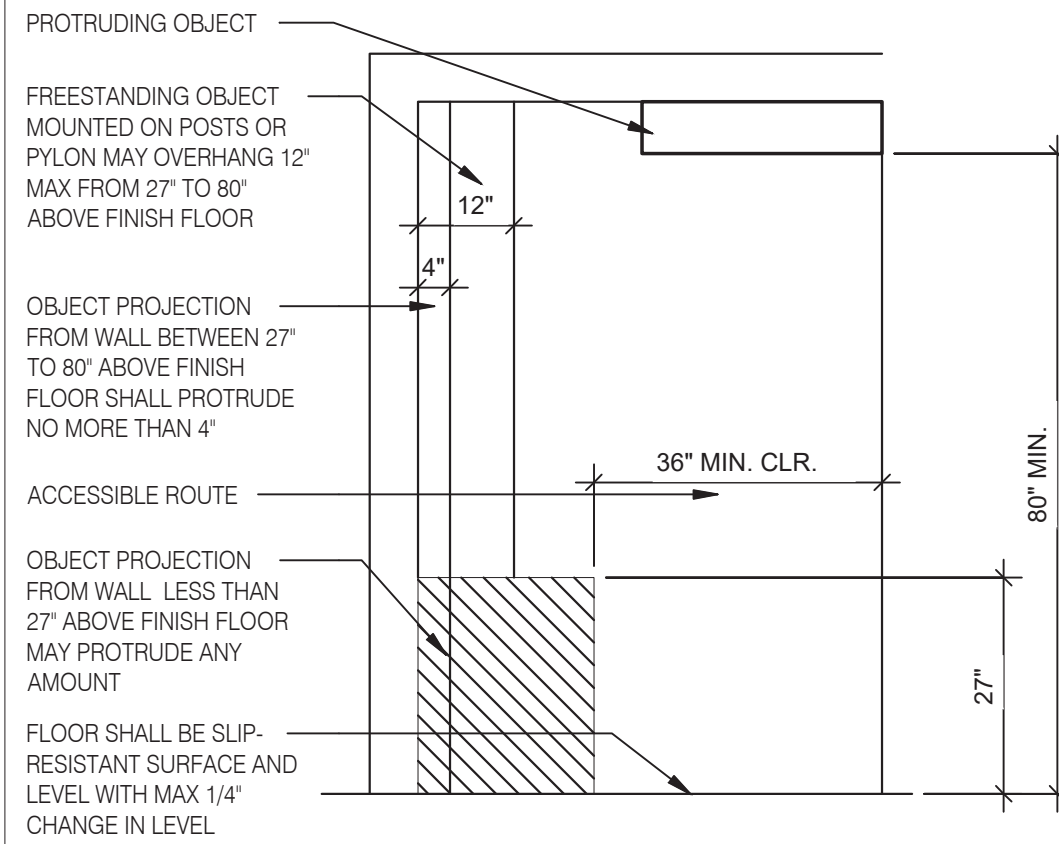
**SEATING AND TABLES** 1/2" = 1'-0" **18**



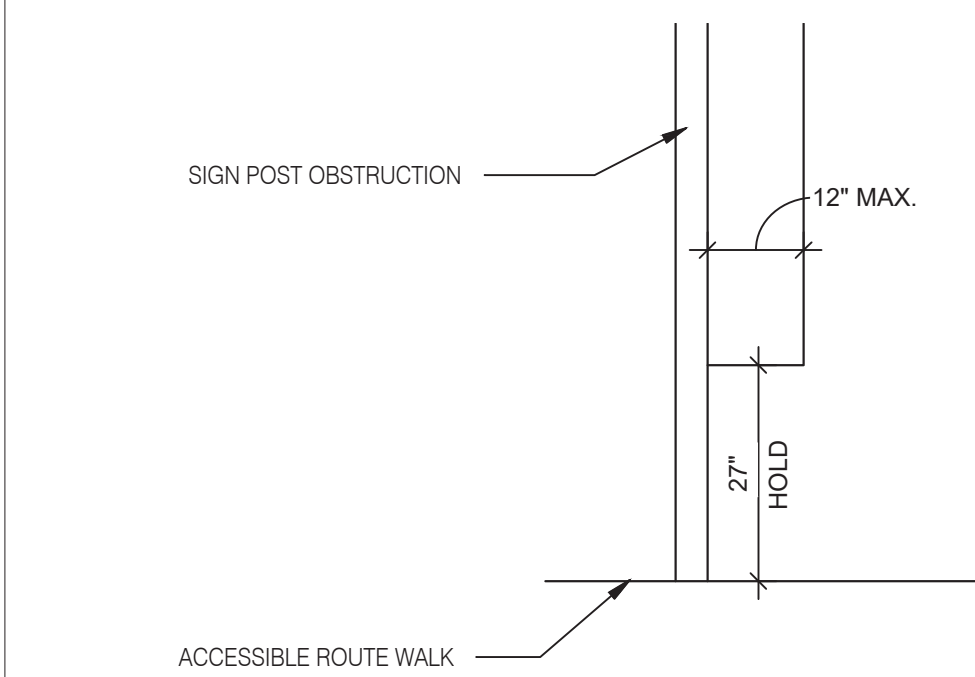
**ACCESSIBLE RESTROOM DOORS** 1/2" = 1'-0" **15**



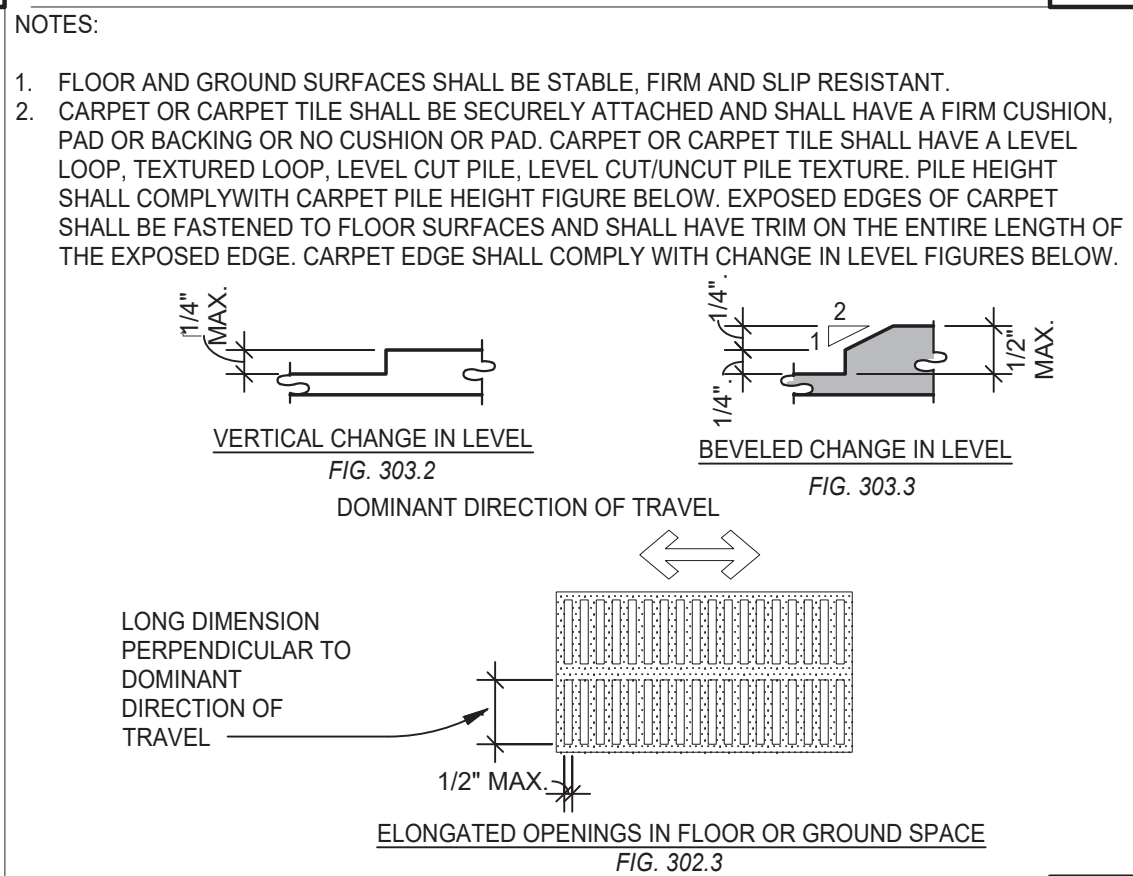
**REACH RANGES** 1/4" = 1'-0" **13**



**INT. ACCESS. ROUTE CLEARANCES** 1/2" = 1'-0" **10**

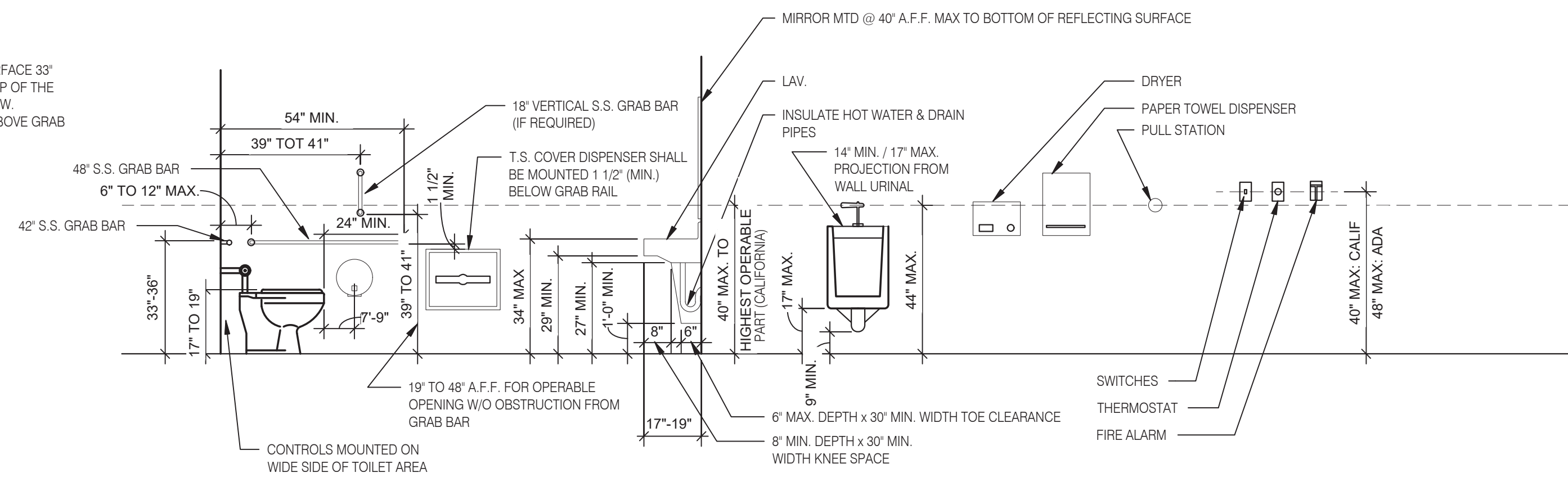


**PROTRUDING HAZARDS** 1/2" = 1'-0" **11**

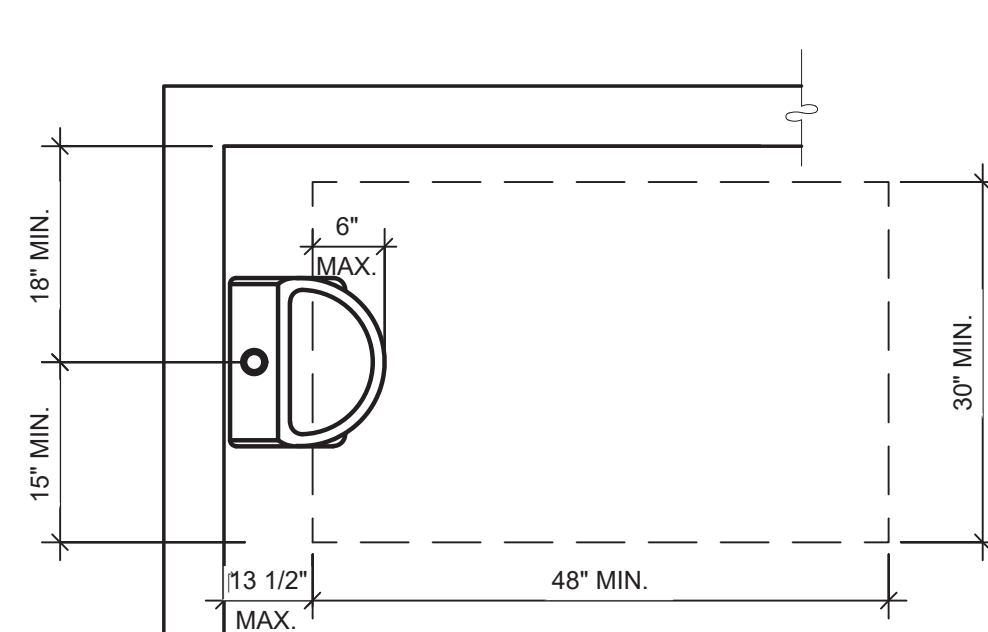


**CHANGES IN LEVEL** 1/2" = 1'-0" **12**

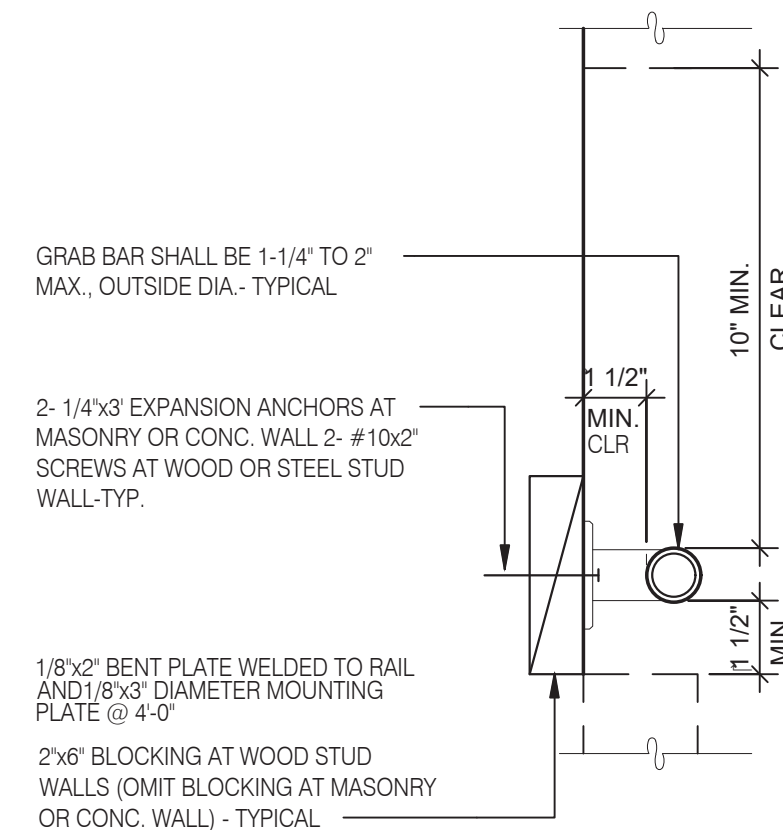
- NOTES
- TOP OF GRIPPING SURFACE 33" TO 38" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW.
  - 12" MINIMUM CLEAR ABOVE GRAB BAR.



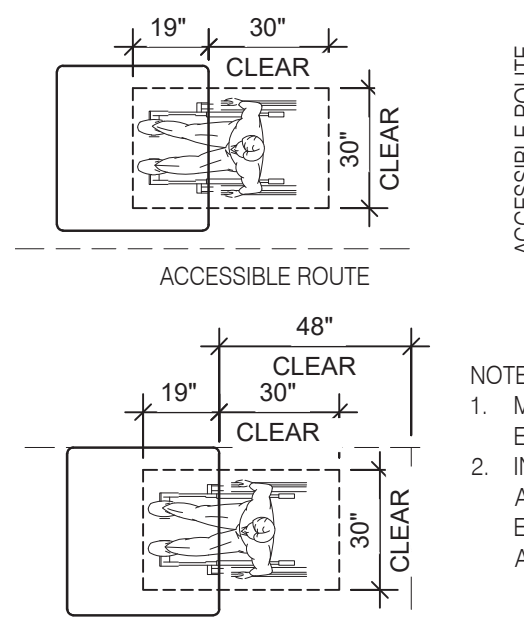
**MOUNTING HEIGHTS & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED** 3/8" = 1'-0" **1**



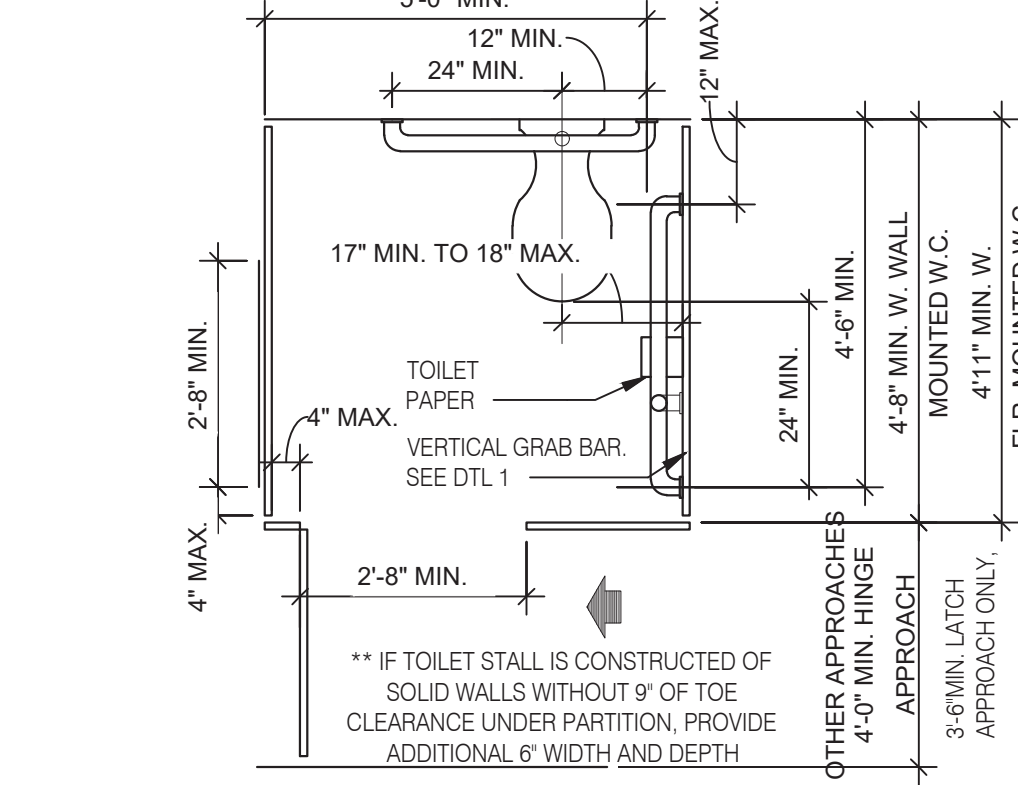
**ACCESSIBLE URINAL** 3/4" = 1'-0" **6**



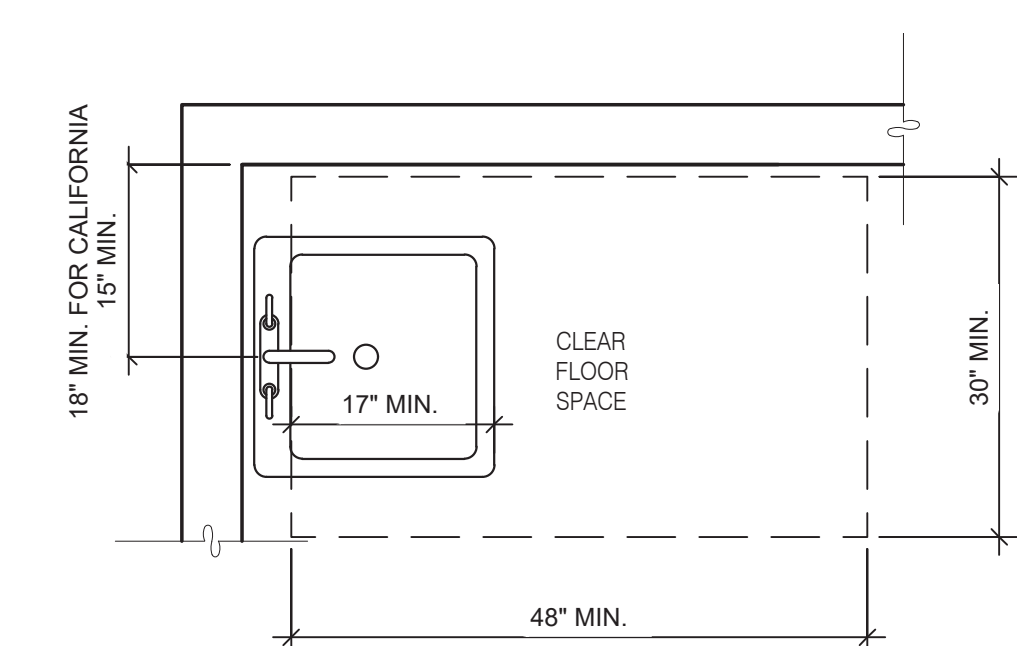
**GRAB BAR** 3" = 1'-0" **7**



**DINING SEATING CLEARANCES** N.T.S. **8**



**STANDARD TOILET STALL** 1/2" = 1'-0" **2**



**ACCESSIBLE LAVATORY** 3/4" = 1'-0" **3**

- INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
- 60" TURNING SPACE
  - PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
  - CAN OVERLAP FIXTURE & DOOR CLEARANCE
  - DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
- RESTROOM, IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
- TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES.
- ADAPT TEAM TO VERIFY LOCAL CODE REQUIREMENTS.

**GENERAL NOTES** **4**



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PROJECT # 22002

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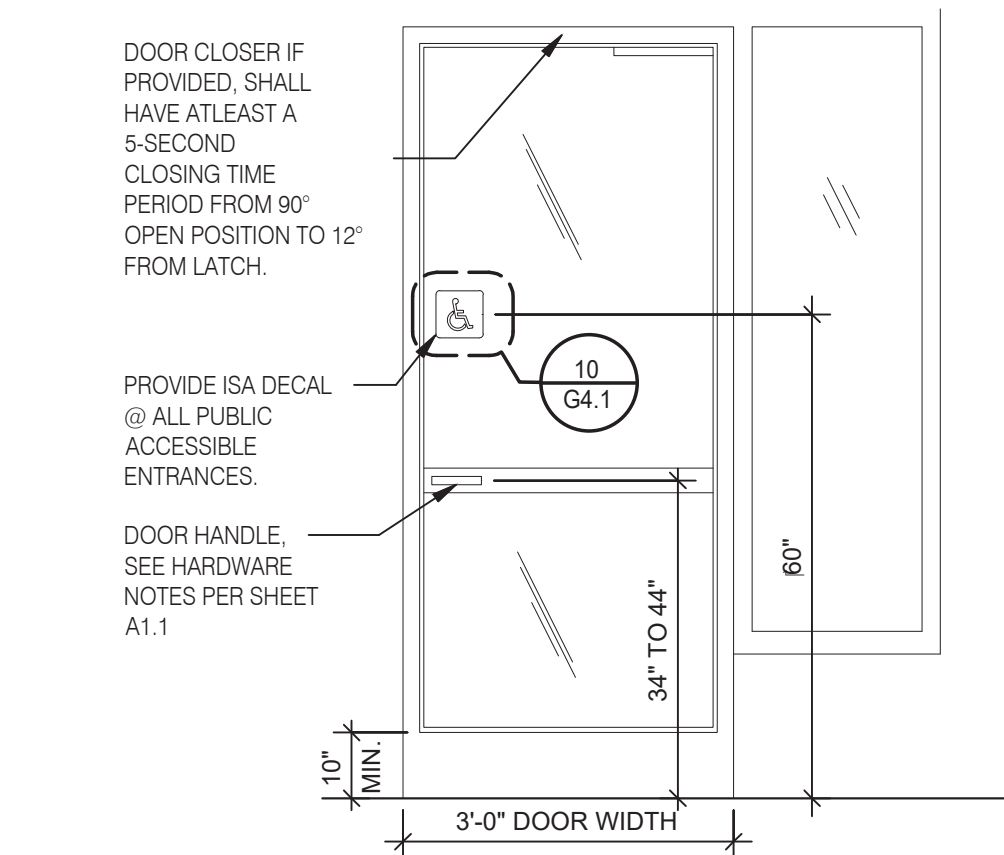
**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marlette, Michigan 48453



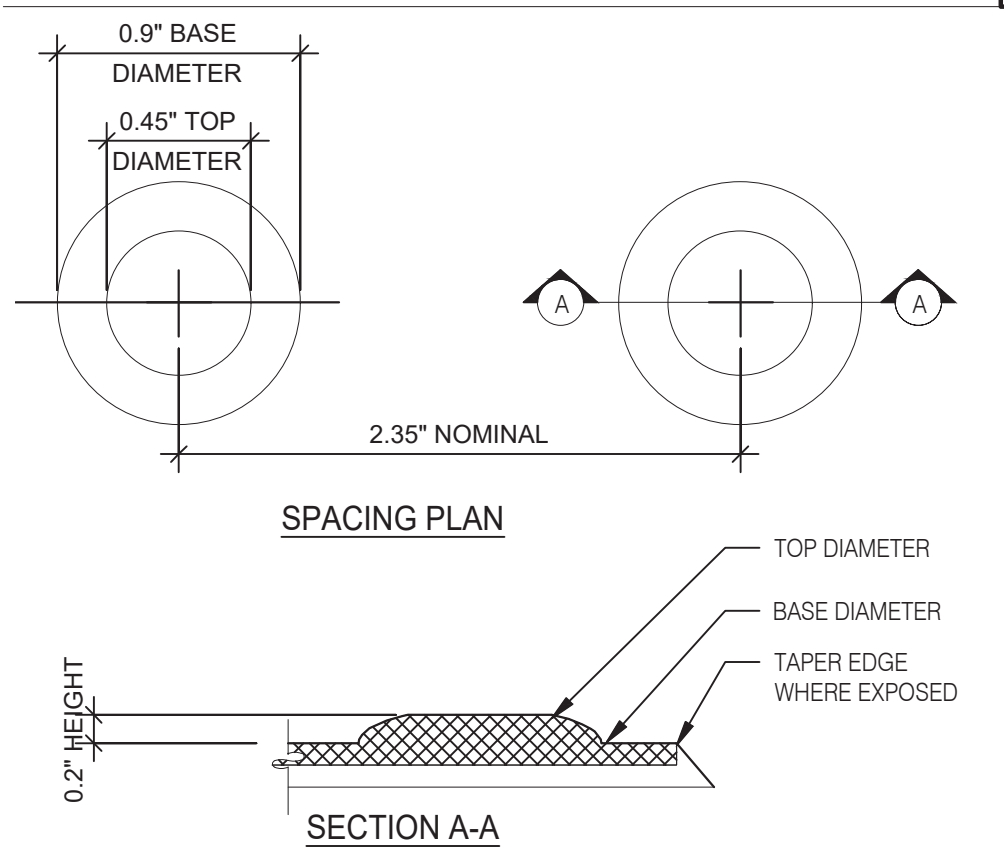
**ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS**

**ADA 1.0**

PLOT DATE: 6/23/2022

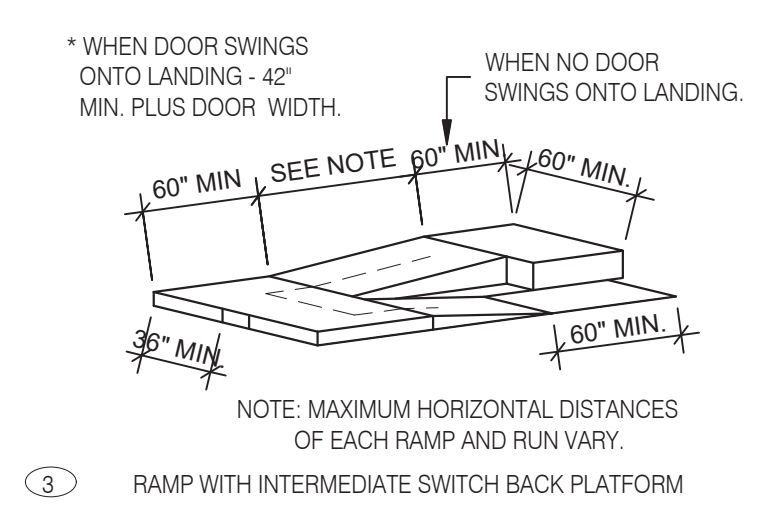
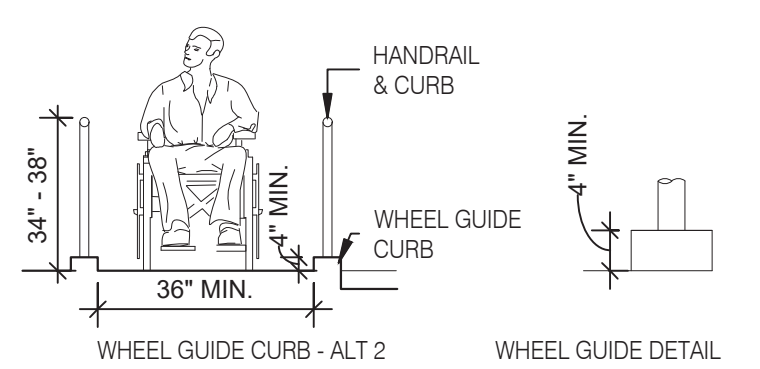
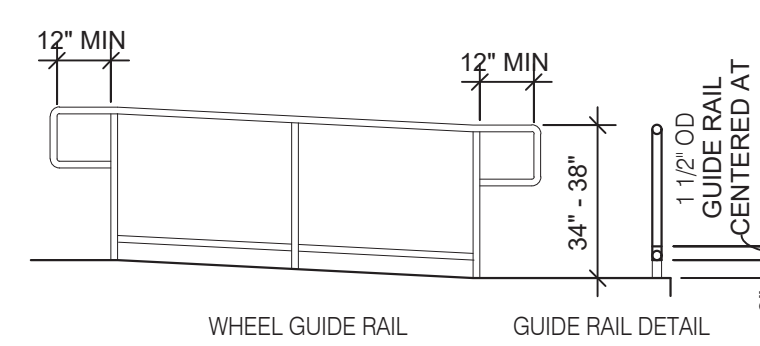


**TYP. ENTRANCE / EXIT DOOR** N.T.S. **17**

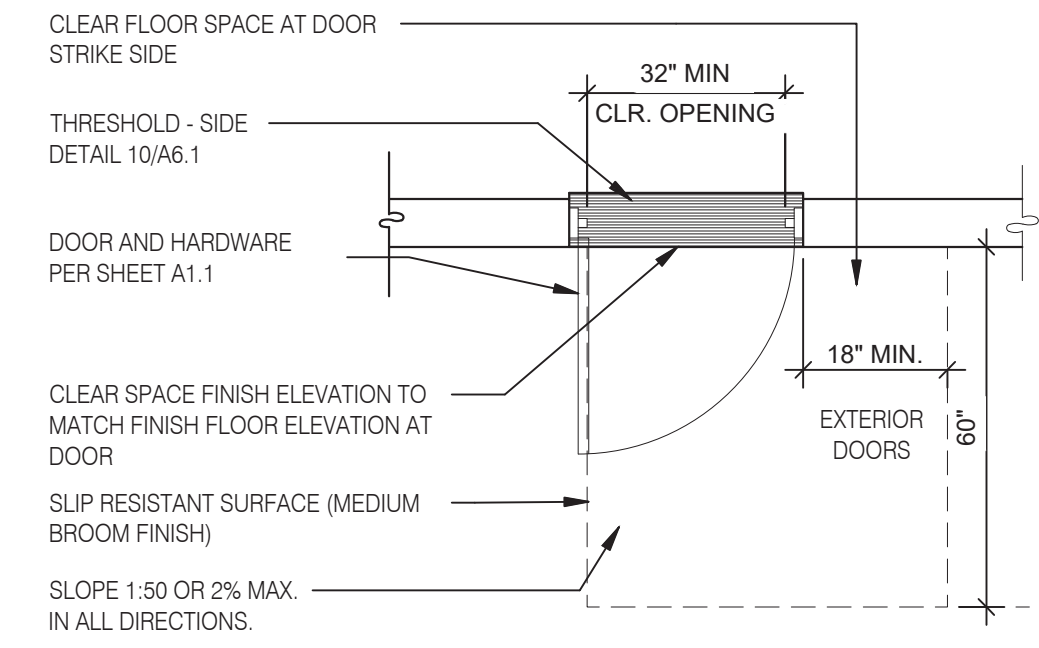


**TRUNCATED DOMES** 3/8" = 1'-0" **18**

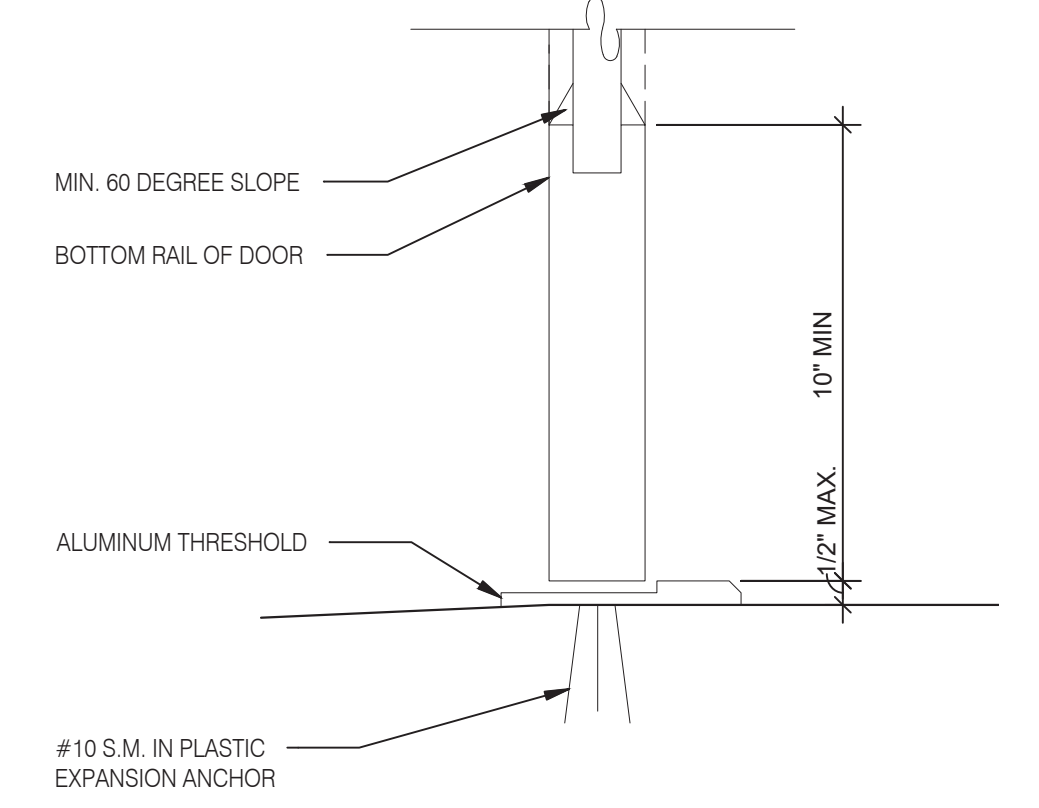
**KEY NOTES**  
 ① WHEN DOOR SWINGS ONTO LANDING 42" MIN. PLUS DOOR WIDTH  
 ② MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP & RUN VARY  
 ③ HANDRAILS NOT REQUIRED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20



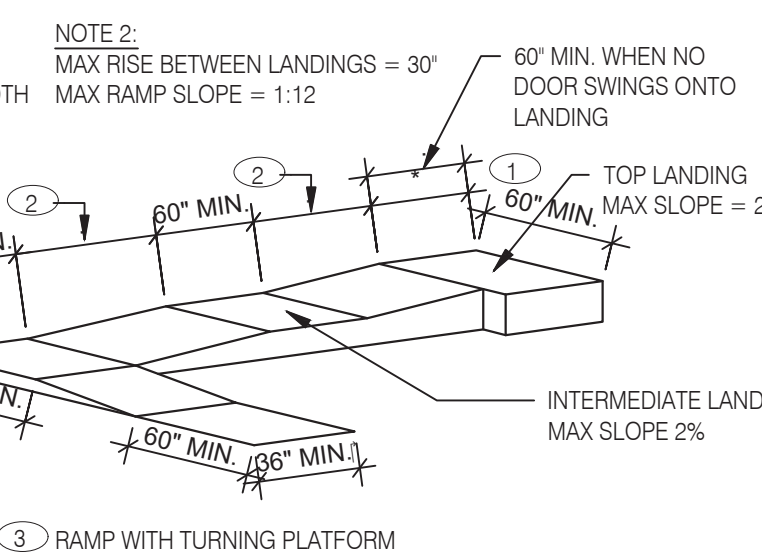
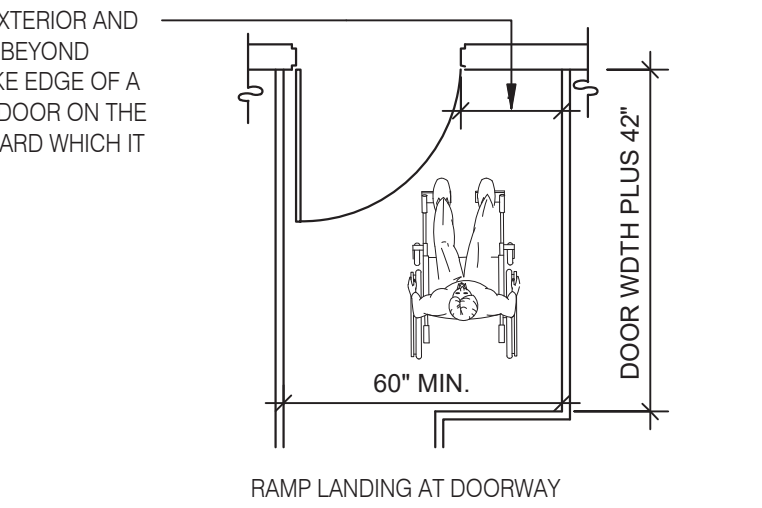
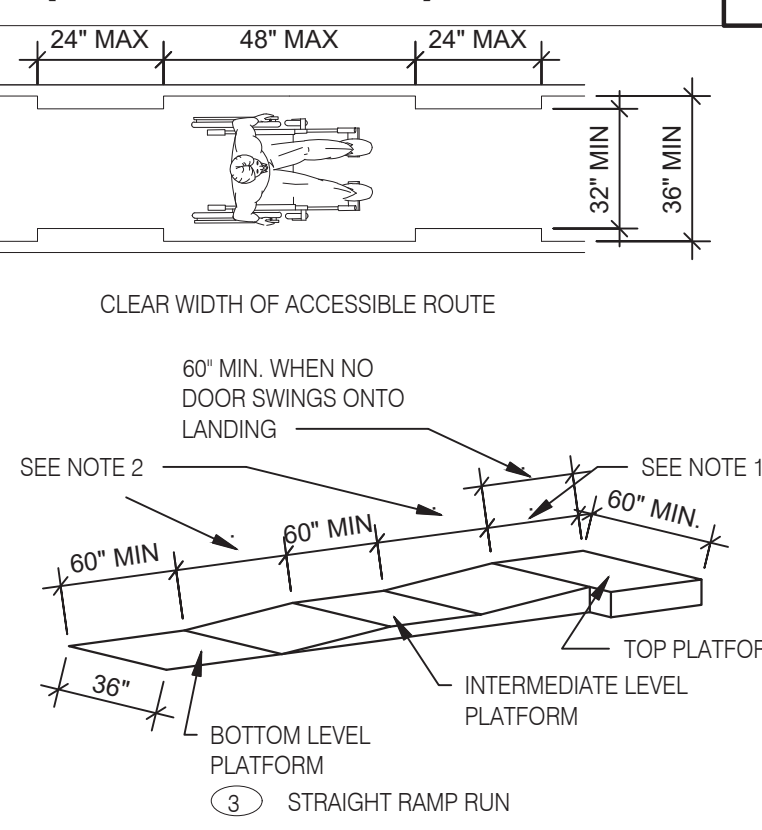
**RAMPS** N.T.S. **16**



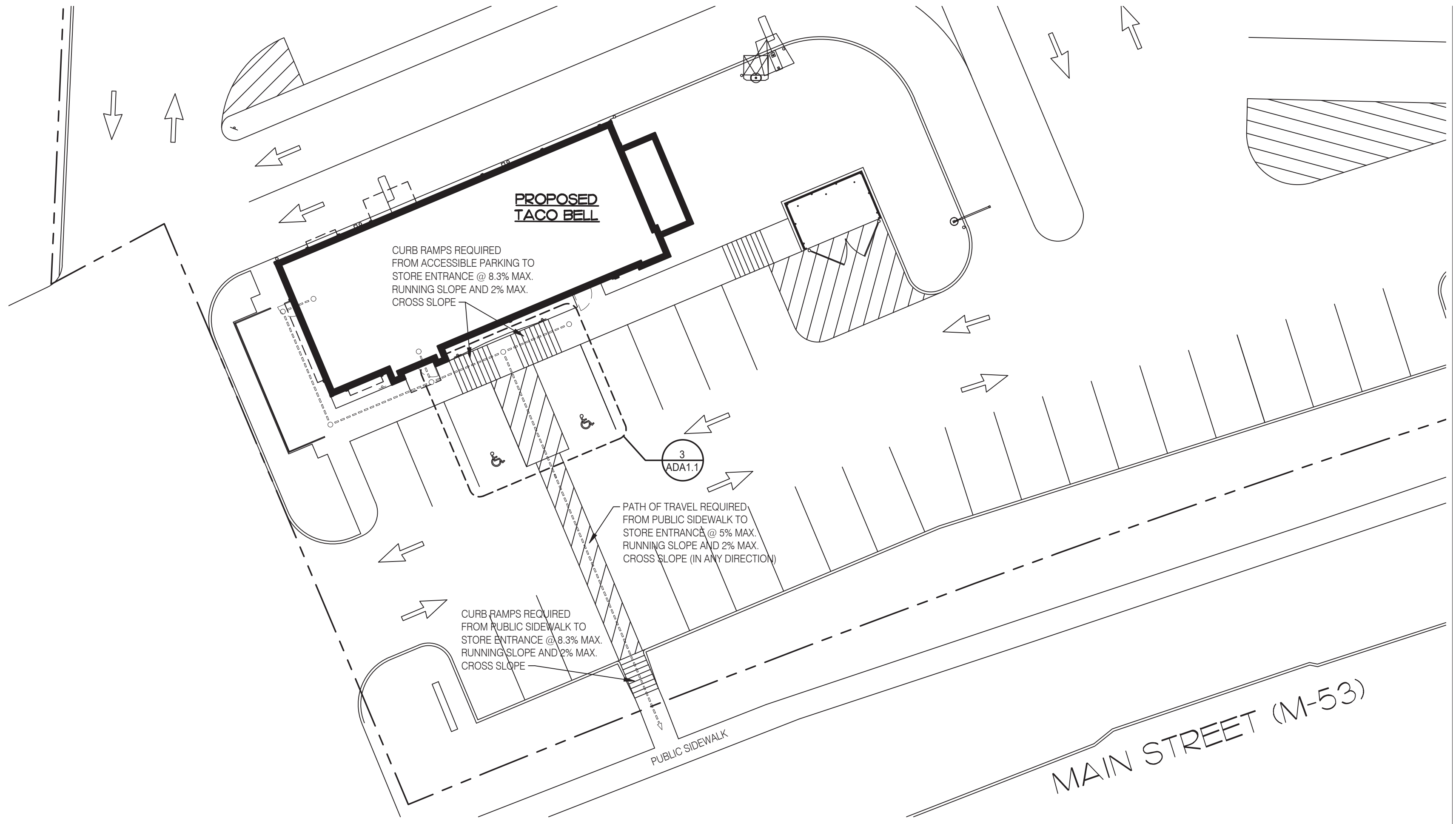
**EXTERIOR DOOR REQUIREMENTS** 3/8" = 1'-0" **13**



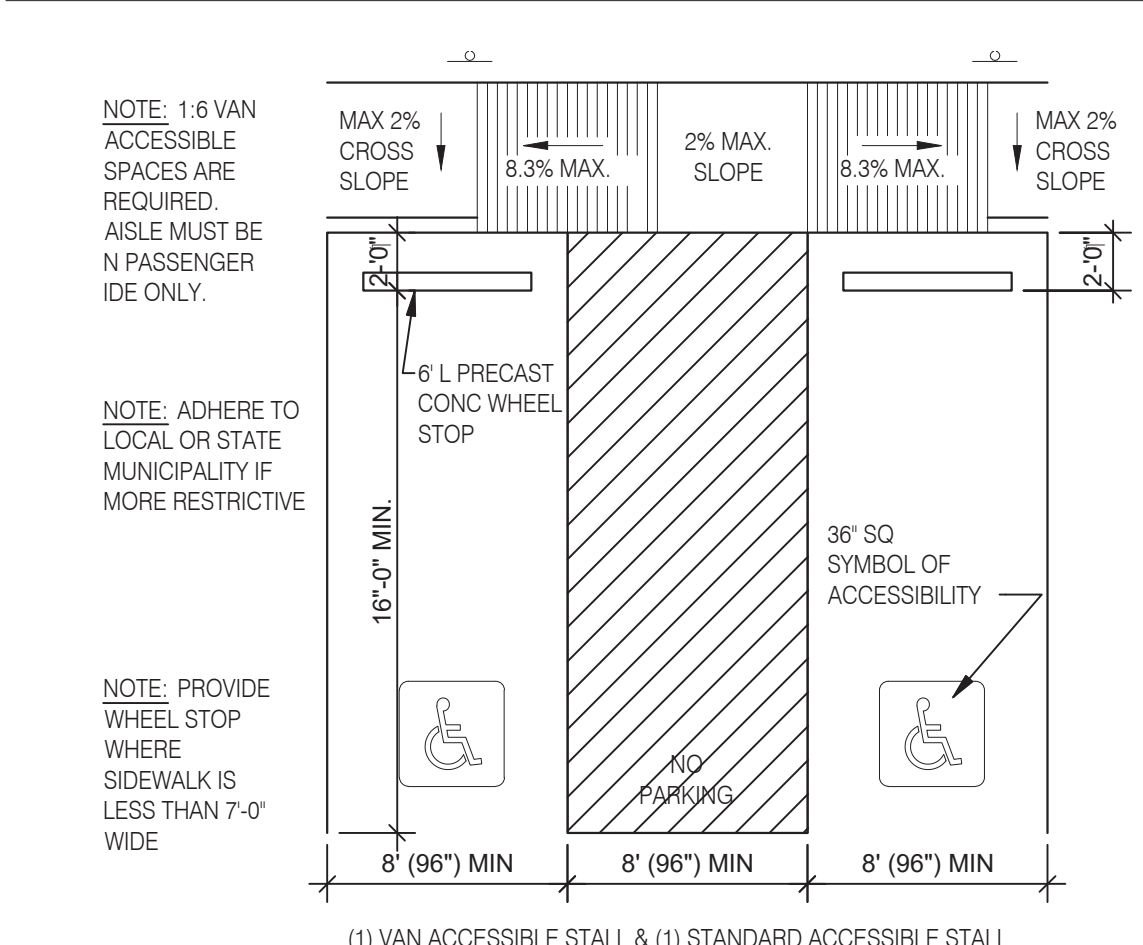
**BOTTOM RAIL (EXTERIOR DOOR)** 3" = 1'-0" **14**



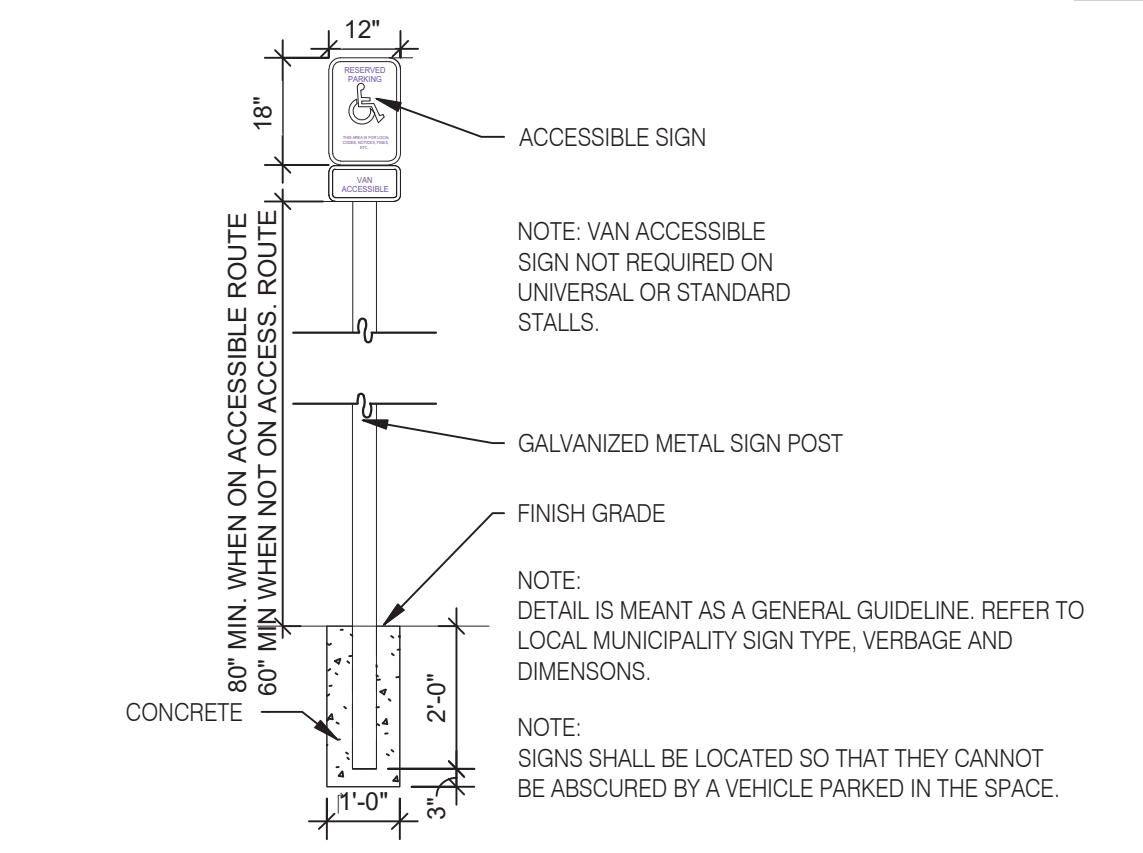
**RAMPS** N.T.S. **16**



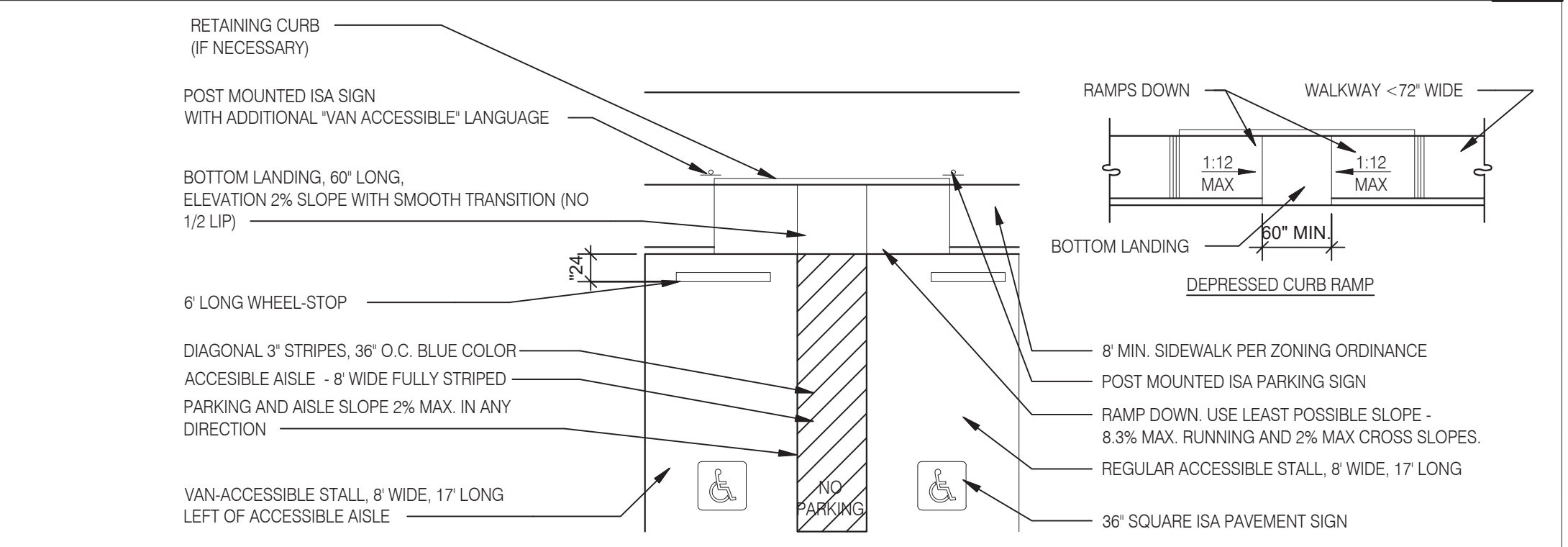
**EXTERIOR PATH OF TRAVEL** 1/16" = 1'-0" **2**



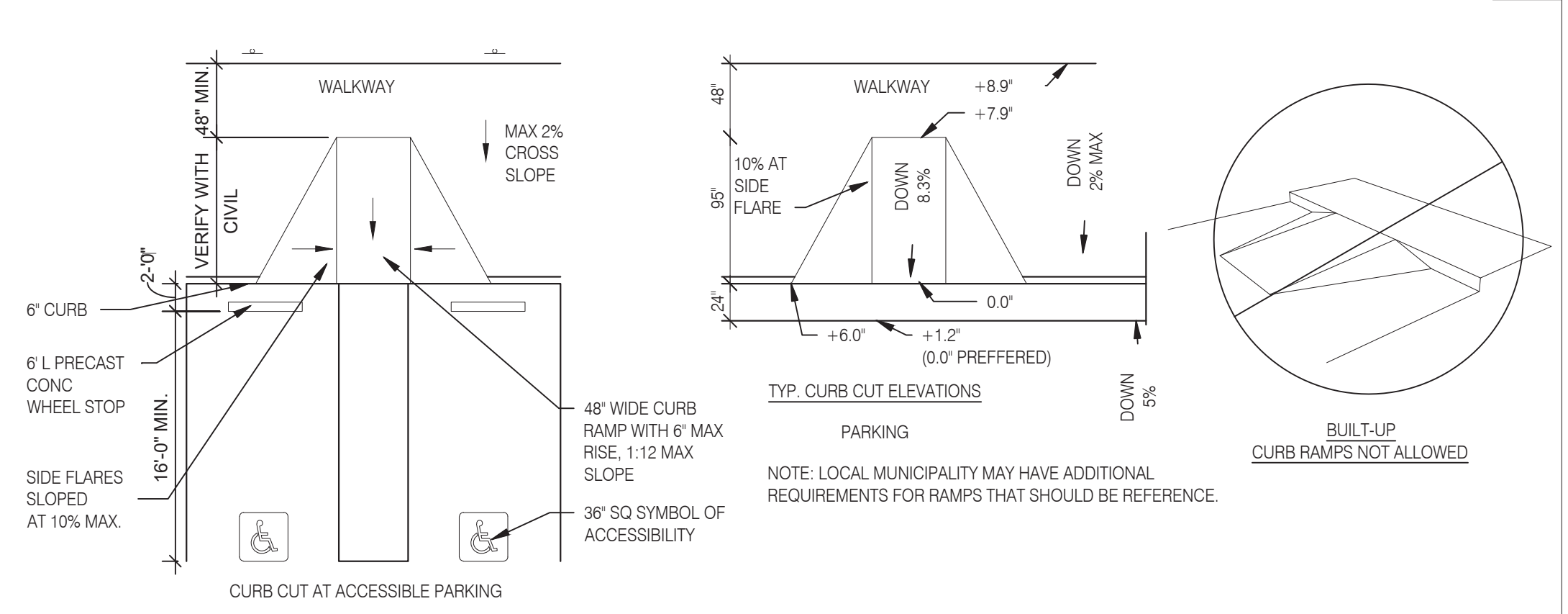
**VAN ACCESSIBLE PARKING STALL** N.T.S. **11**



**ACCESSIBLE PARKING SIGN** N.T.S. **12**



**CURB RAMPS** N.T.S. **3**



**CURB RAMPS-1** N.T.S. **4**



**L+A ARCHITECTS INC. A.I.A.**  
 441 S. LIVERNOIS ROAD SUITE 265  
 ROCHESTER HILLS, MI 48307  
 PHONE (248) 524-4700 FAX (248) 524-9746  
 PROJECT # 22002

DATE	REMARKS

CONTRACT DATE:   
 BUILDING TYPE: END. MED. 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:   
 SITE NUMBER: 315876  
 STORE NUMBER: 458993  
 PA/PM:   
 DRAWN BY:   
 JOB NO.:

**GREAT LAKES TACO, LLC**  
 2727 Main Street (M-53)  
 Marquette, Michigan 48453



**ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS**

**ADA1.1**

PLLOT DATE: 6/23/2022

**ACCESSIBILITY NOTES**

- "THE ACCESSIBILITY GUIDELINES AND CODES" MENTIONED BELOW REFER TO ALL APPLICABLE LOCAL/STATE BUILDING CODES REFERENCED ON THE PROJECT DATA SHEET OF THIS SET IN ADDITION TO THE FEDERAL REQUIREMENTS OF THE ADA (THE AMERICANS WITH DISABILITIES ACT).
- DETAILS ON THIS SHEET ARE FOR REFERENCE ONLY. REFER TO THE ACCESSIBILITY GUIDELINES AND CODES FOR ALL ACCESSIBILITY REQUIREMENTS.
- THE GENERAL CONTRACTOR SHALL BECOME FAMILIAR WITH THE ACCESSIBILITY GUIDELINES AND CODES.
- ANY DISCREPANCY CONTAINED HEREIN DOES NOT RELIEVE THE GENERAL CONTRACTOR OR OWNER FROM COMPLYING WITH THE ACCESSIBILITY GUIDELINES AND CODES.
- ADAPT TEAM TO VERIFY LOCAL CODE REQUIREMENTS.



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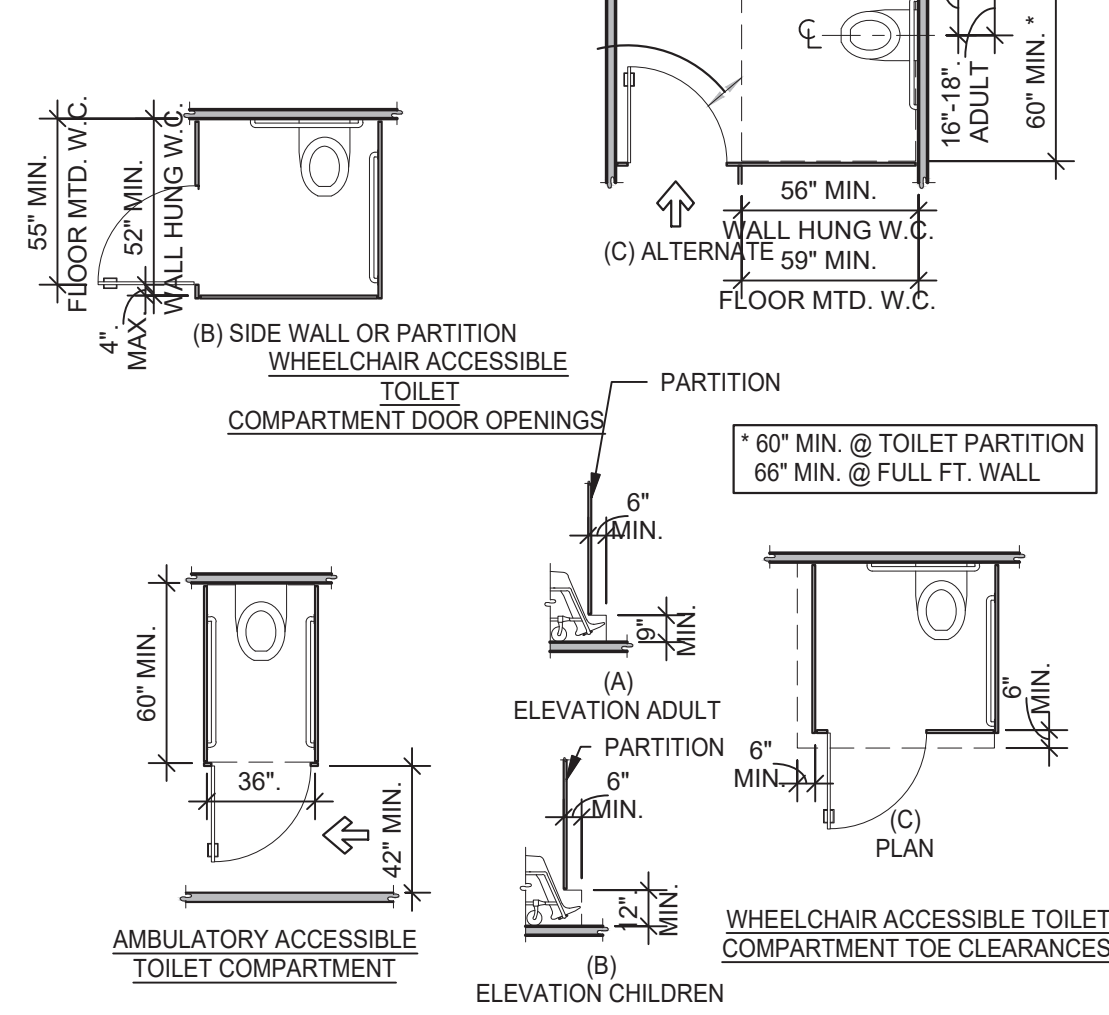
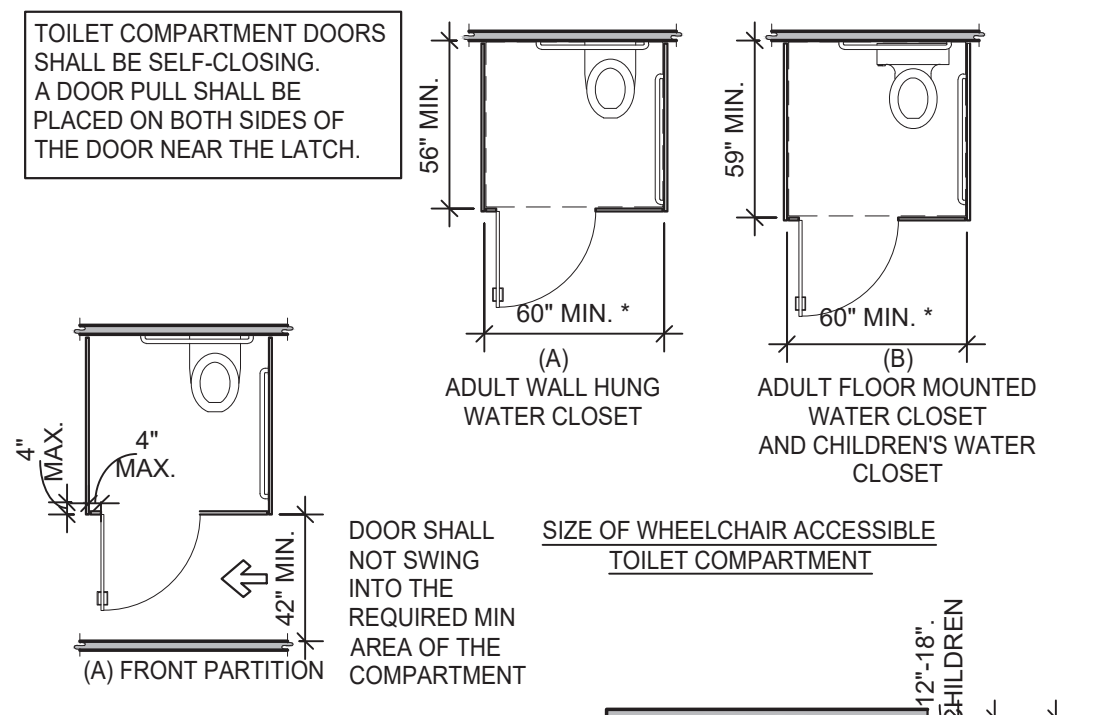
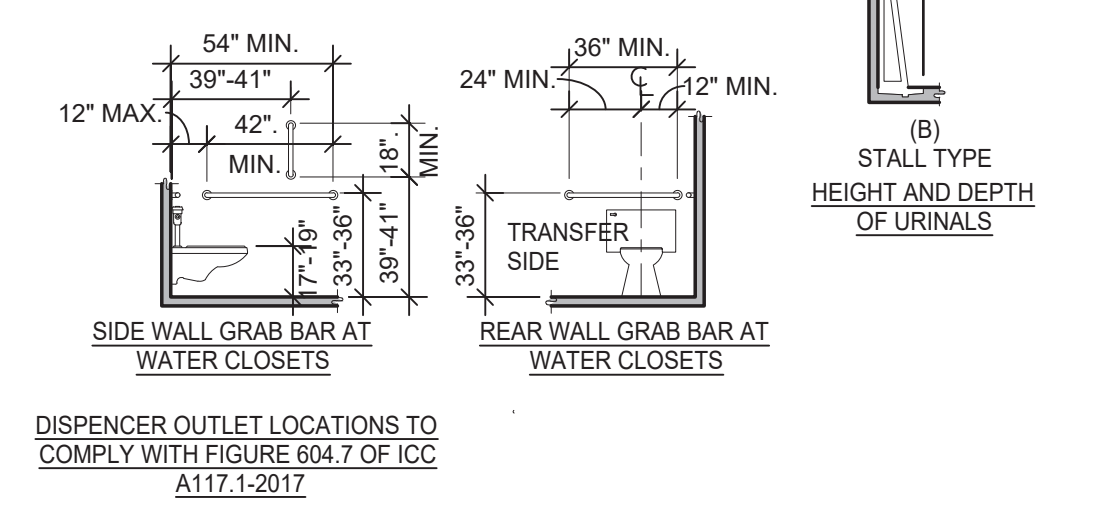
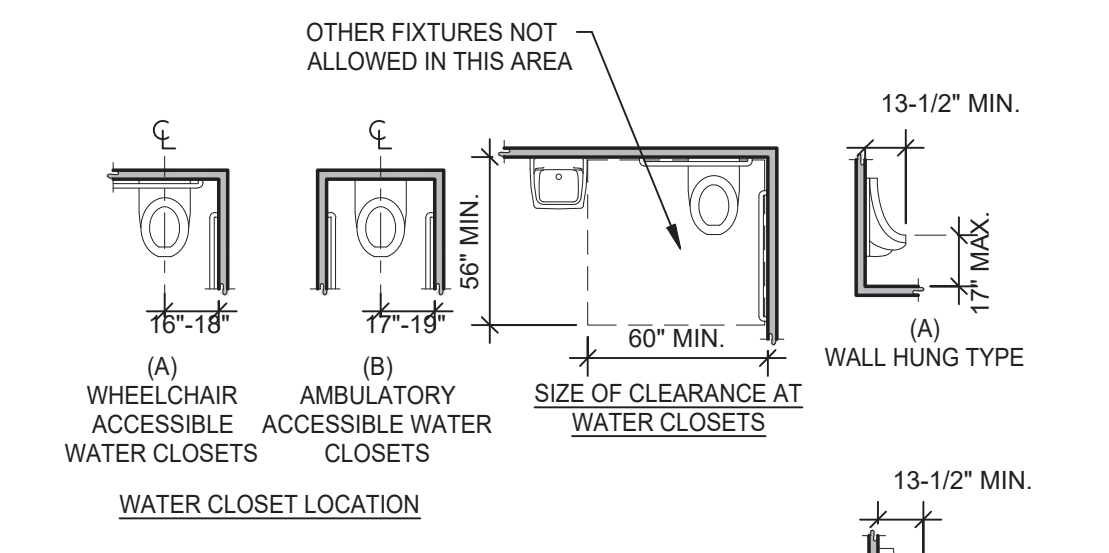
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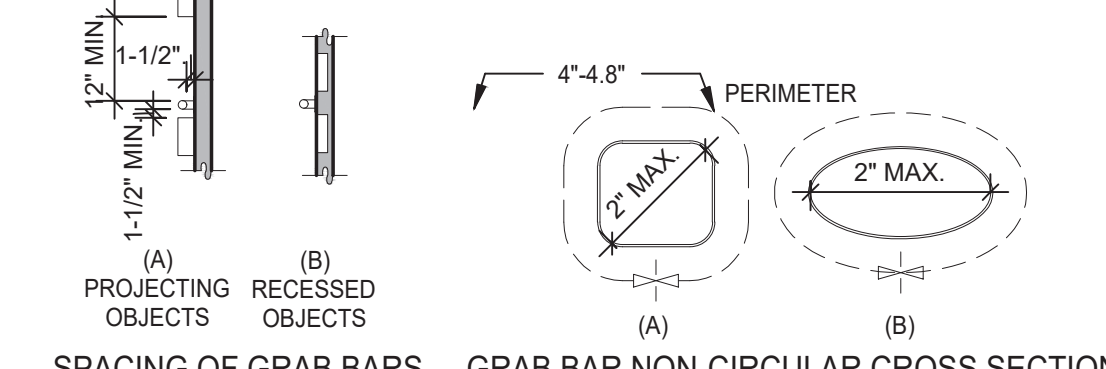
**ADA 1.2**

PLOT DATE: 6/23/2022

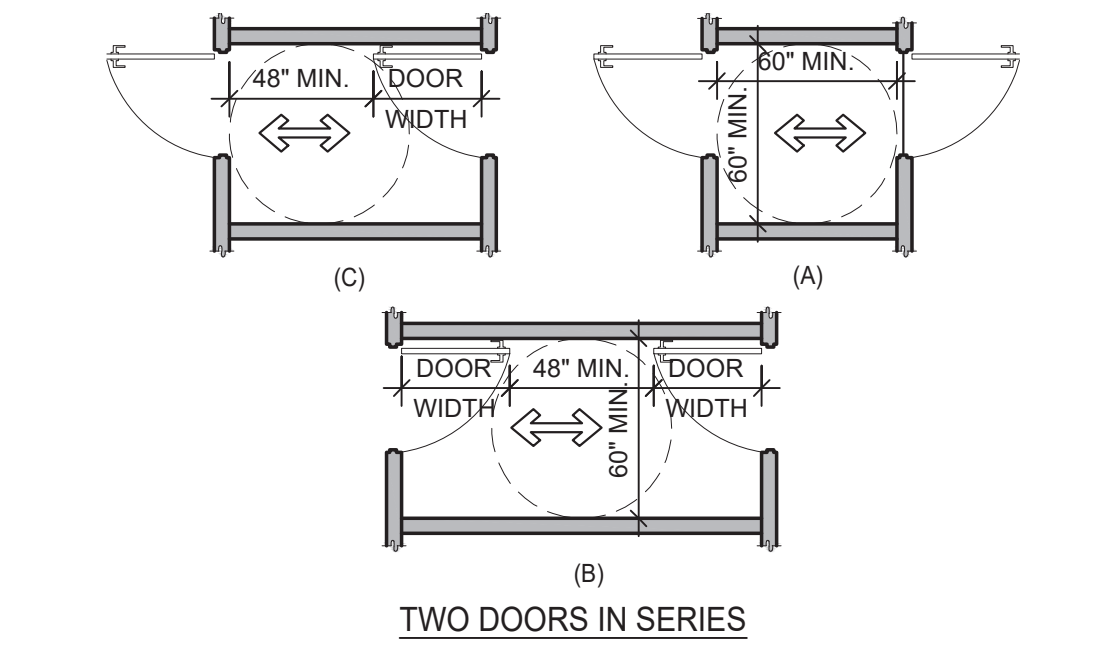


**WC AND TOILET COMPARTMENTS 3/16" = 1'-0" 4**

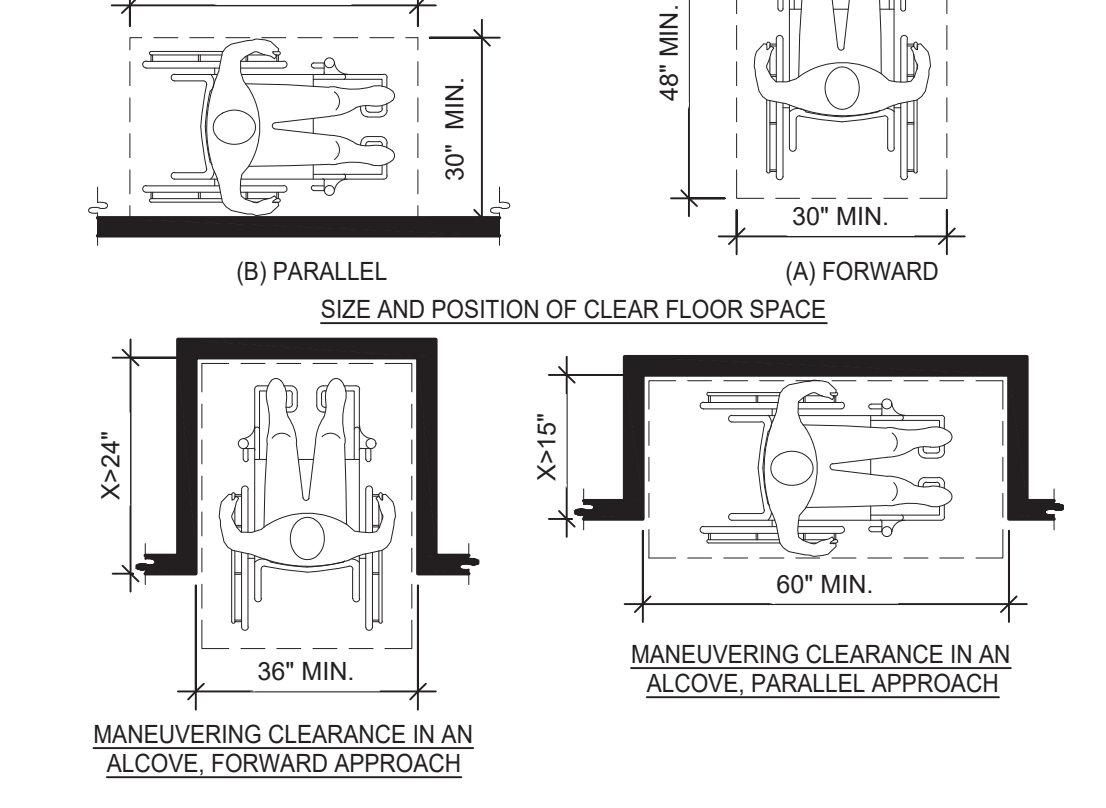
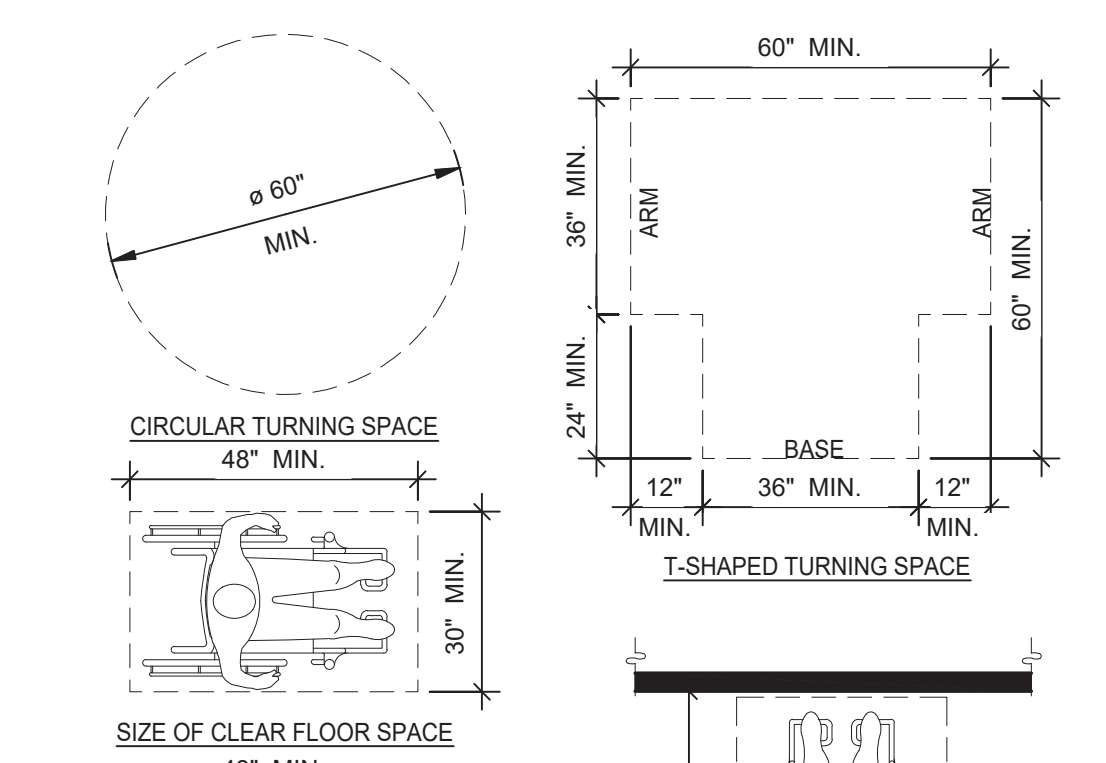
**CIRCULAR CROSS SECTION.** GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.  
**SPACING.** THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.  
**POSITION OF GRAB BARS.** GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES MINIMUM AND 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.  
**BACKING.** PROVIDE MIN. 6 INCHES x 16 GA CONTINUOUS SHEET METAL BACKING ATTACHED TO MIN. 3 STUD BAYS WITH #10 FLAT HEAD SHEET METAL SCREWS. INSTALL GRAB BARS PER MANUFACTURER'S REQUIREMENTS.



**SPACING OF GRAB BARS GRAB BAR NON-CIRCULAR CROSS SECTION 3/16" = 1'-0" 5**

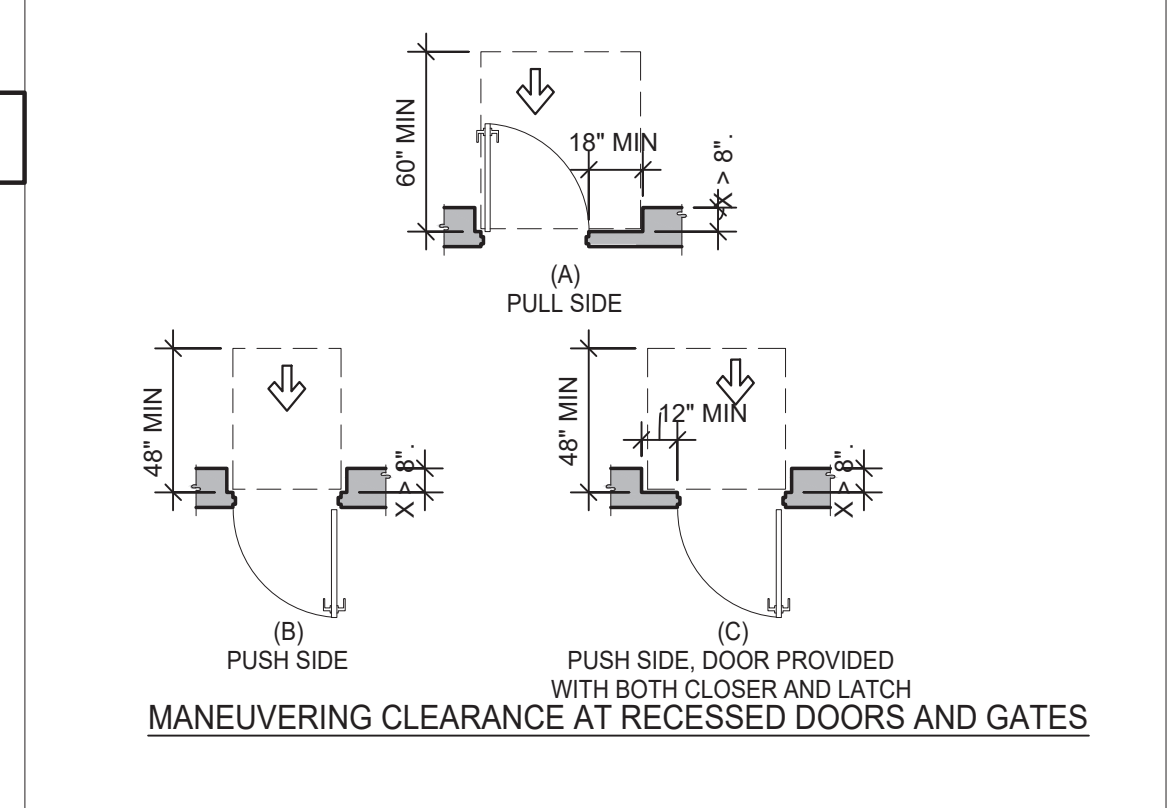
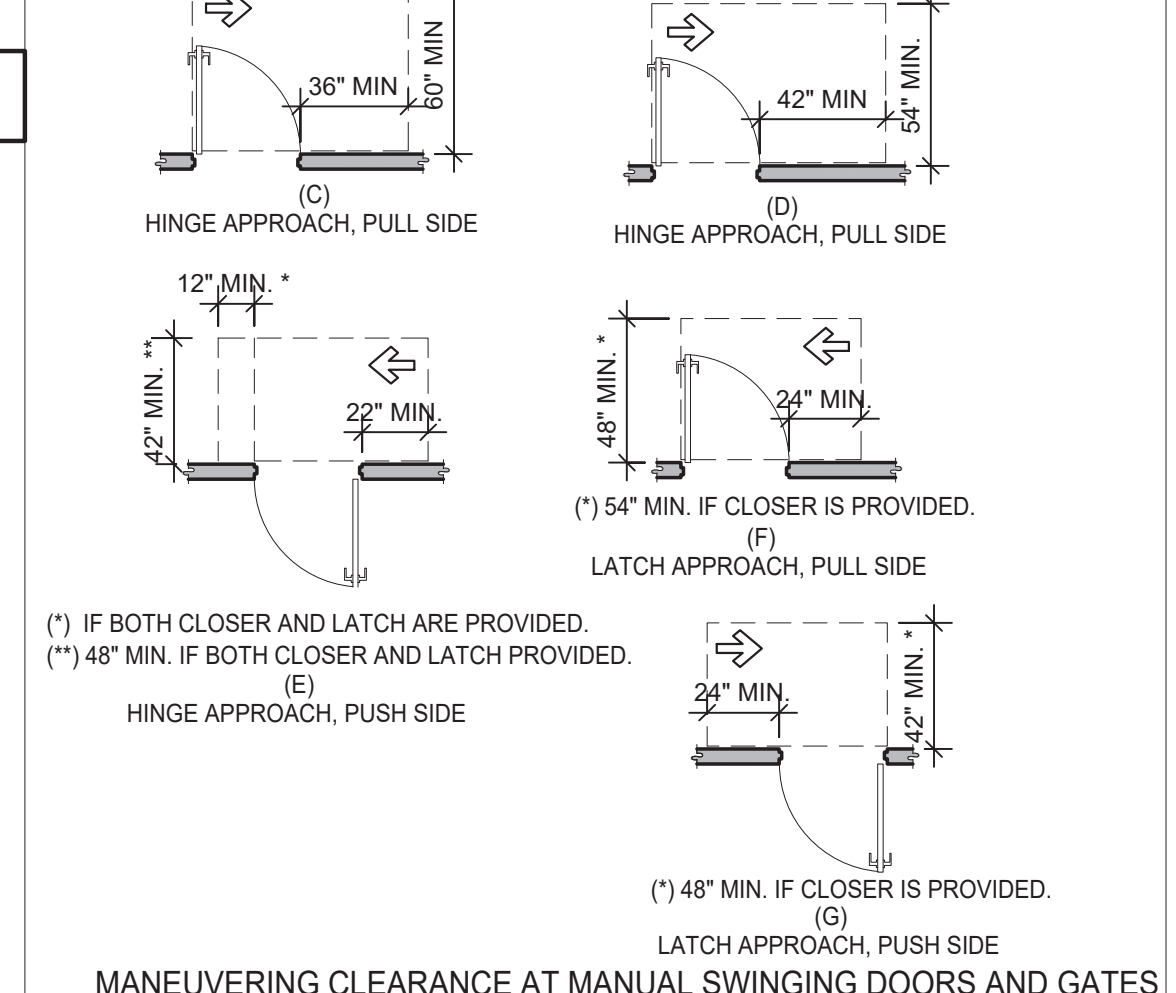
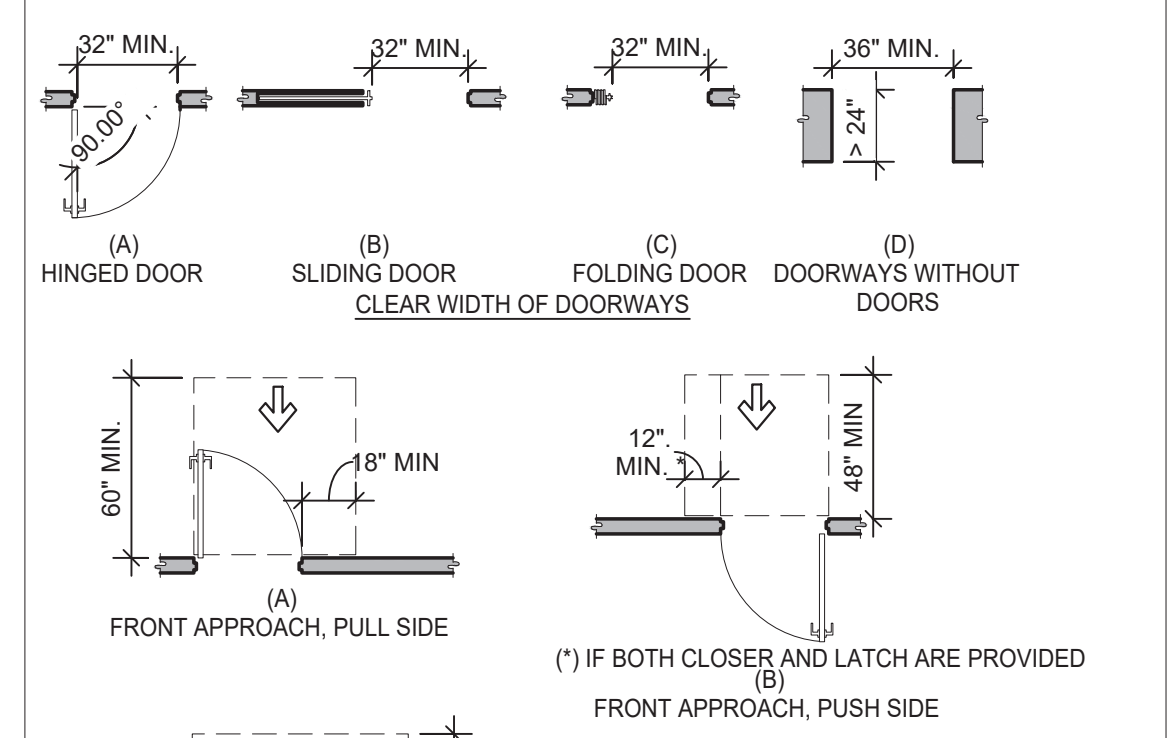


**DOORS, DOORWAYS & GATES 3/16" = 1'-0" 6**

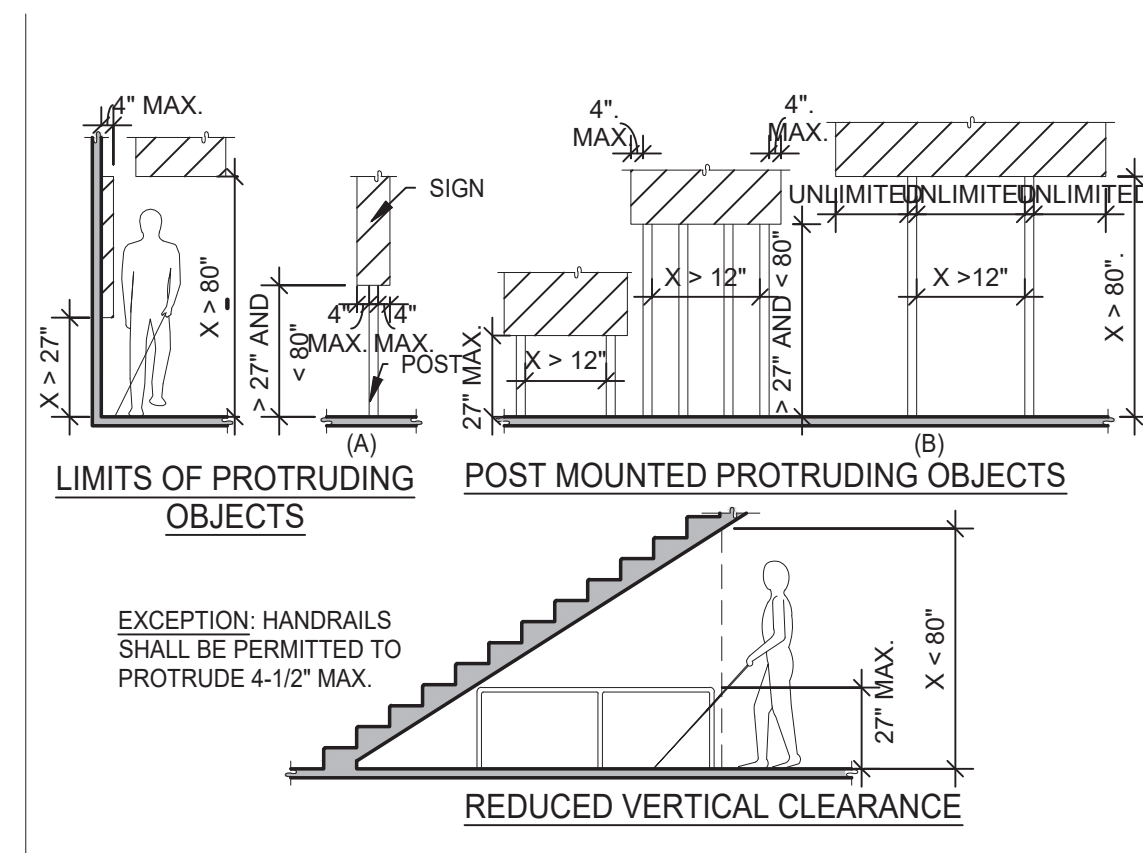


**CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0" 8**

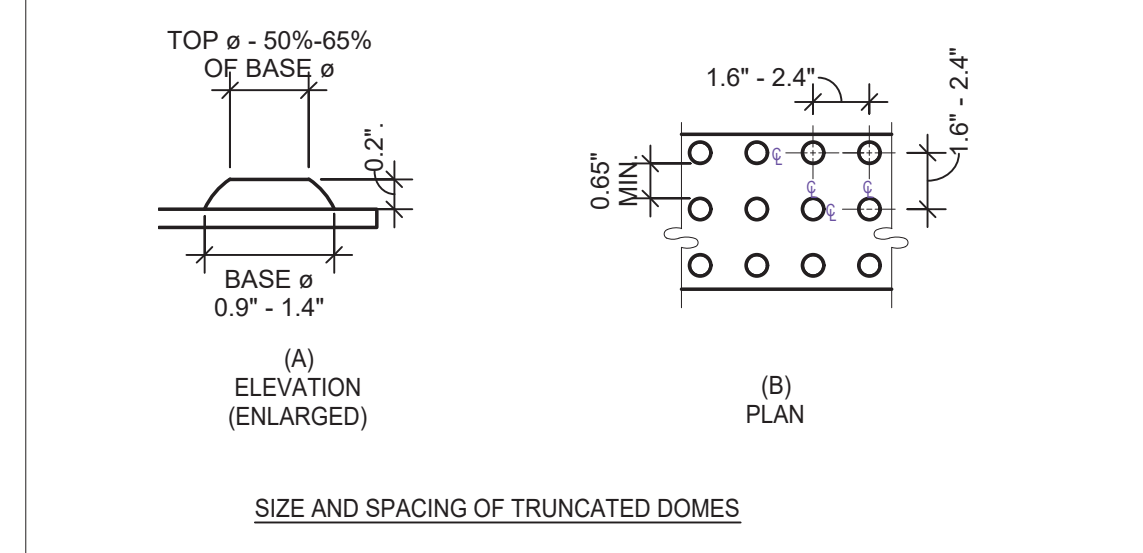
**NOTES:**  
 1. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS.  
 2. THRESHOLDS, IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL.  
 3. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OR THE WRIST.  
 4. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX.  
 5. OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.  
 6. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.  
 7. DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90° THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12° FROM THE LATCH IS 5 SECONDS MIN.  
 8. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70° THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN.  
 9. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:  
 9.1. INTERIOR HINGED DOORS AND GATES: 5 LBS (22.5 N) MAX.  
 9.2. SLIDING OR FOLDING DOORS: 5 LBS (22.5 N) MAX.  
 9.3. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBS (66.7N).  
 9.4. EXTERIOR HINGED DOORS: 5 LBS (22.5 N) MAX.  
 10. SWINGING DOOR AND GATE SURFACES WITHIN 10° OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.  
 11. WHERE AUTOMATIC AND POWER-ASSISTED DOORS AND GATES WITHOUT STANDBY POWER ARE PART OF A MEANS OF EGRESS THE CLEAR BREAK OUT OPENING AT SWINGING OR SLIDING DOORS AND GATES SHALL BE 32" MIN. WHEN OPERATED IN EMERGENCY MODE.



**DOORS, DOORWAYS & GATES 3/16" = 1'-0" 12**



**PROTRUDING OBJECTS 3/16" = 1'-0" 13**

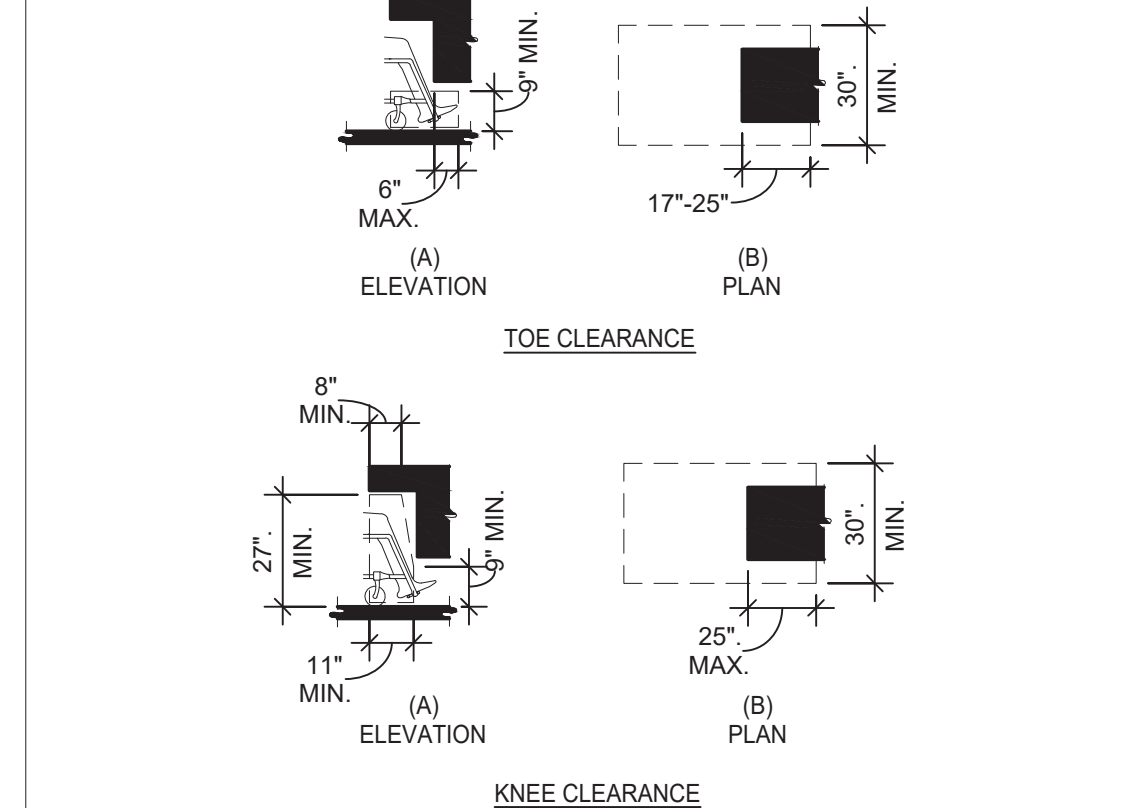


**DETECTABLE WARNINGS 3" = 1'-0" 14**

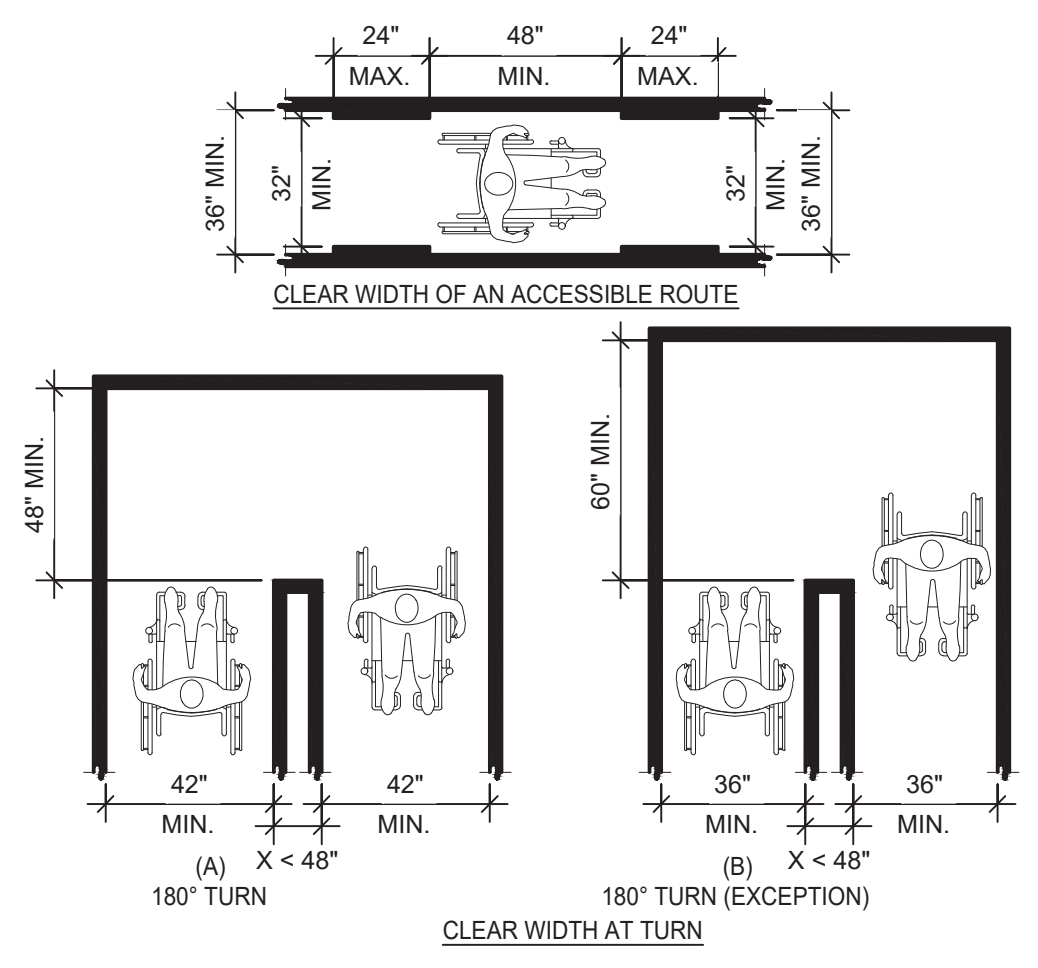
PARKING SPACES

TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000

**PARKING SPACES 6" = 1'-0" 15**



**KNEE AND TOE CLEARANCE 1/4" = 1'-0" 16**

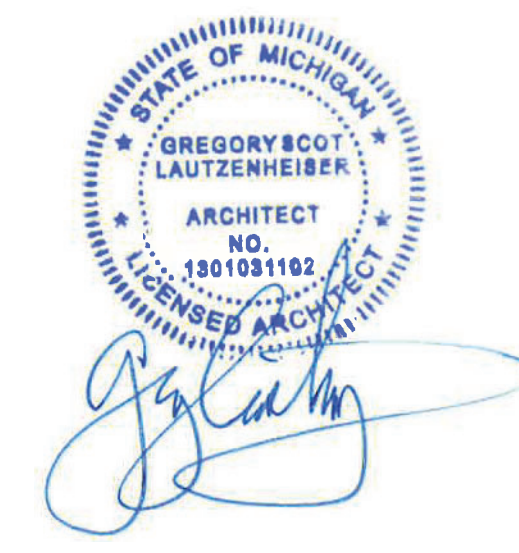
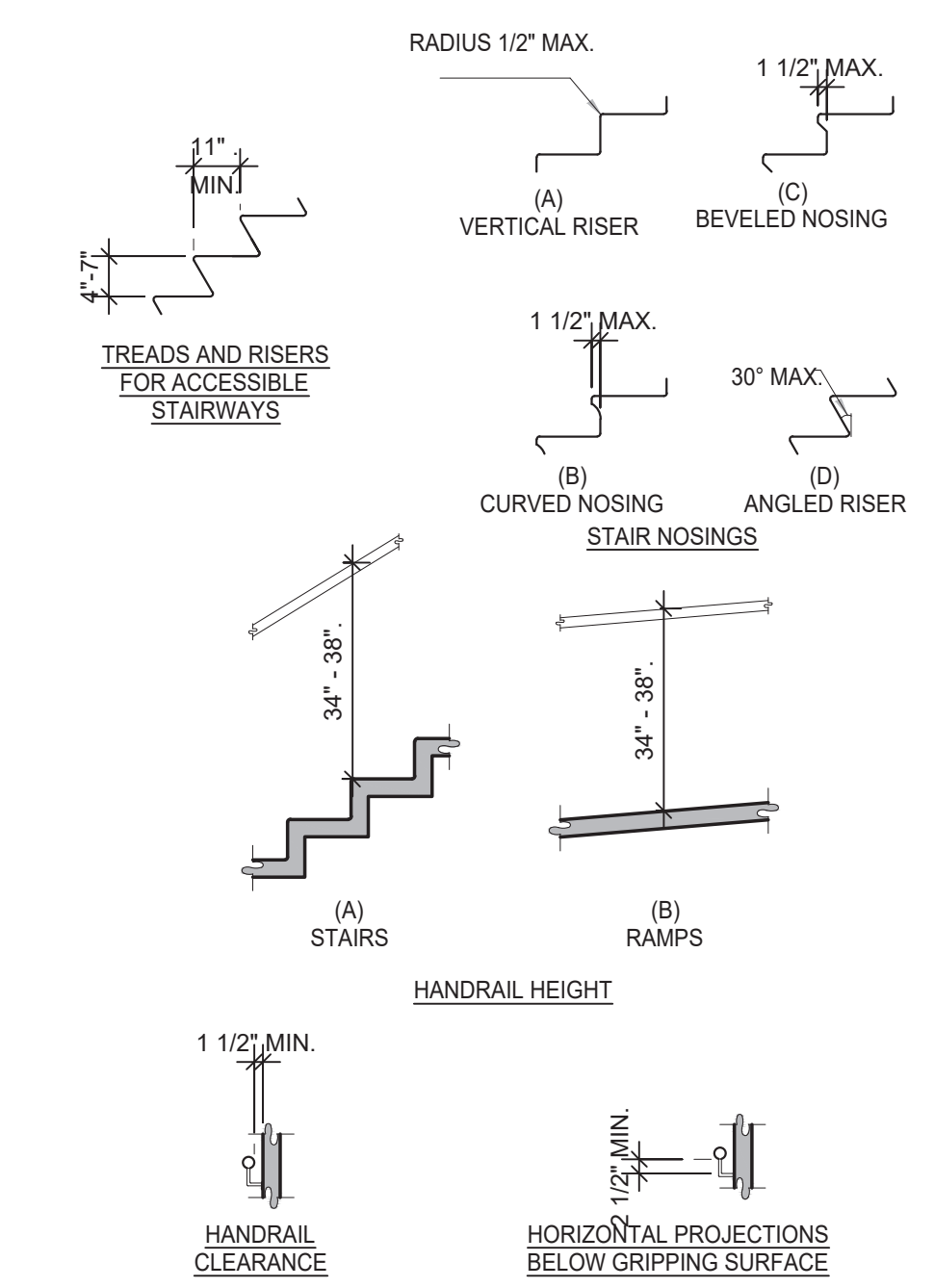


**CLEAR WIDTH 1/4" = 1'-0" 17**



**DOORS, DOORWAYS & GATES 3/16" = 1'-0" 12**

- NOTES:
- OPEN RISERS ARE NOT PERMITTED.
  - TREAD SURFACES SHALL COMPLY WITH (FLOOR OR GROUND SURFACES & CHANGES IN LEVEL) DETAIL.
  - THE LEADING 2" OF THE TREAD SHALL HAVE VISUAL CONTRAST OF DARK-ON-LIGHT OR LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD.
  - HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOM OF THE HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 1-1/2" MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE.
  - HANDRAIL GRIPPING SURFACES WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4" (32 MM) MINIMUM AND 2" MAXIMUM.
  - HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
  - HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.



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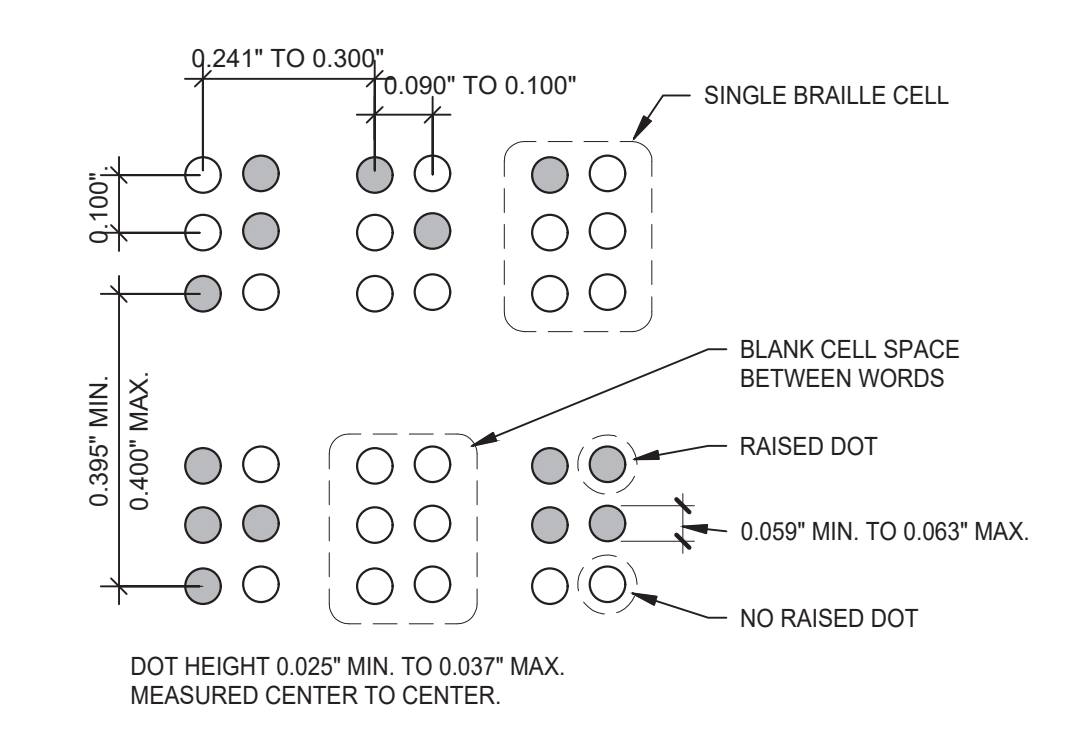
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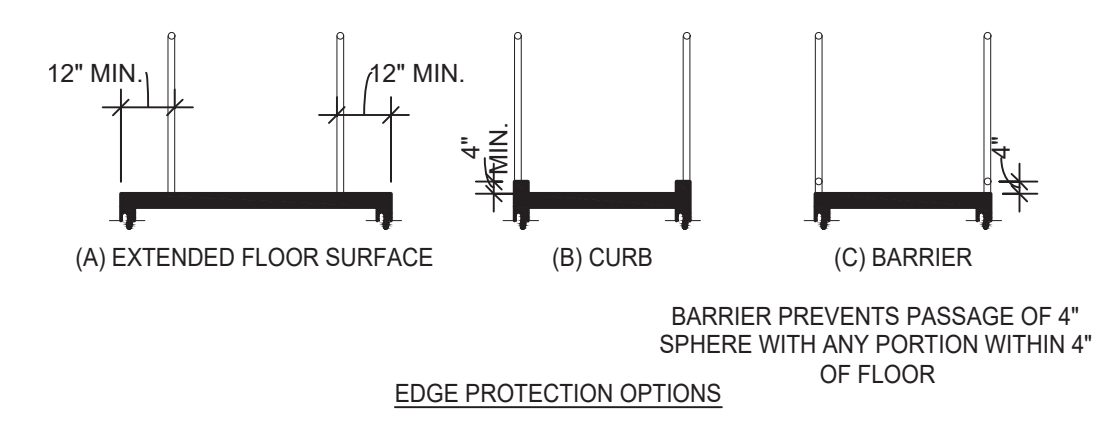
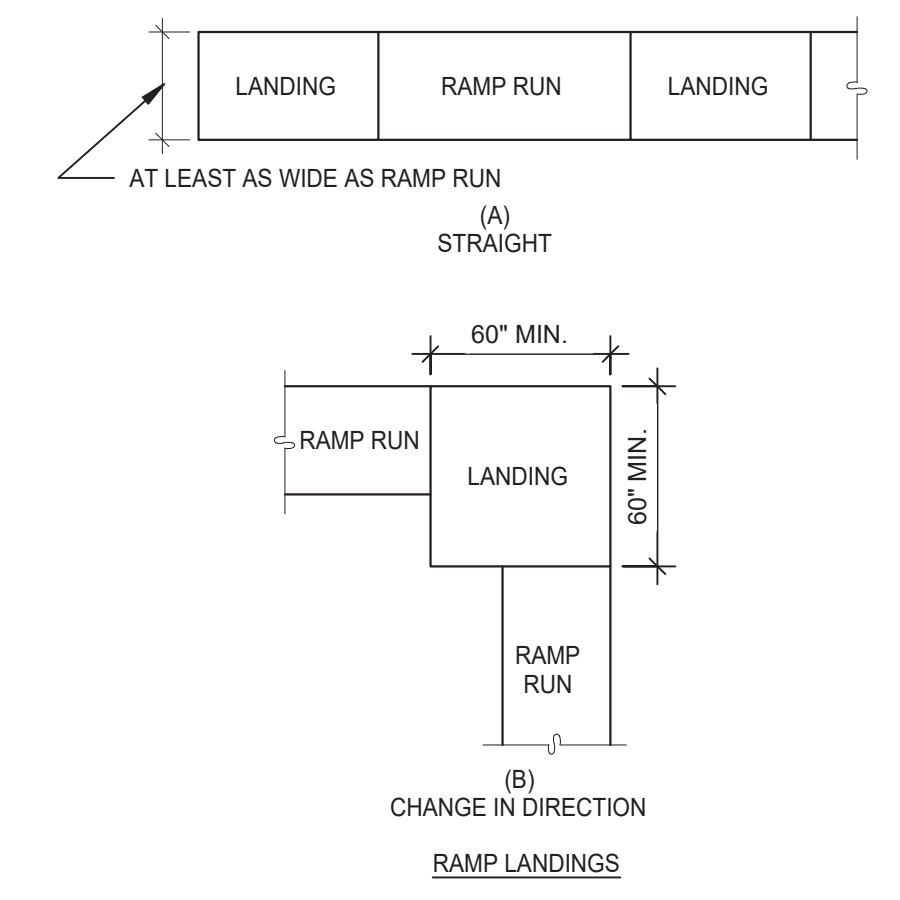
ENDEAVOR 2.0  
**ACCESSIBILITY REQUIREMENTS**

**ADA 1.3**

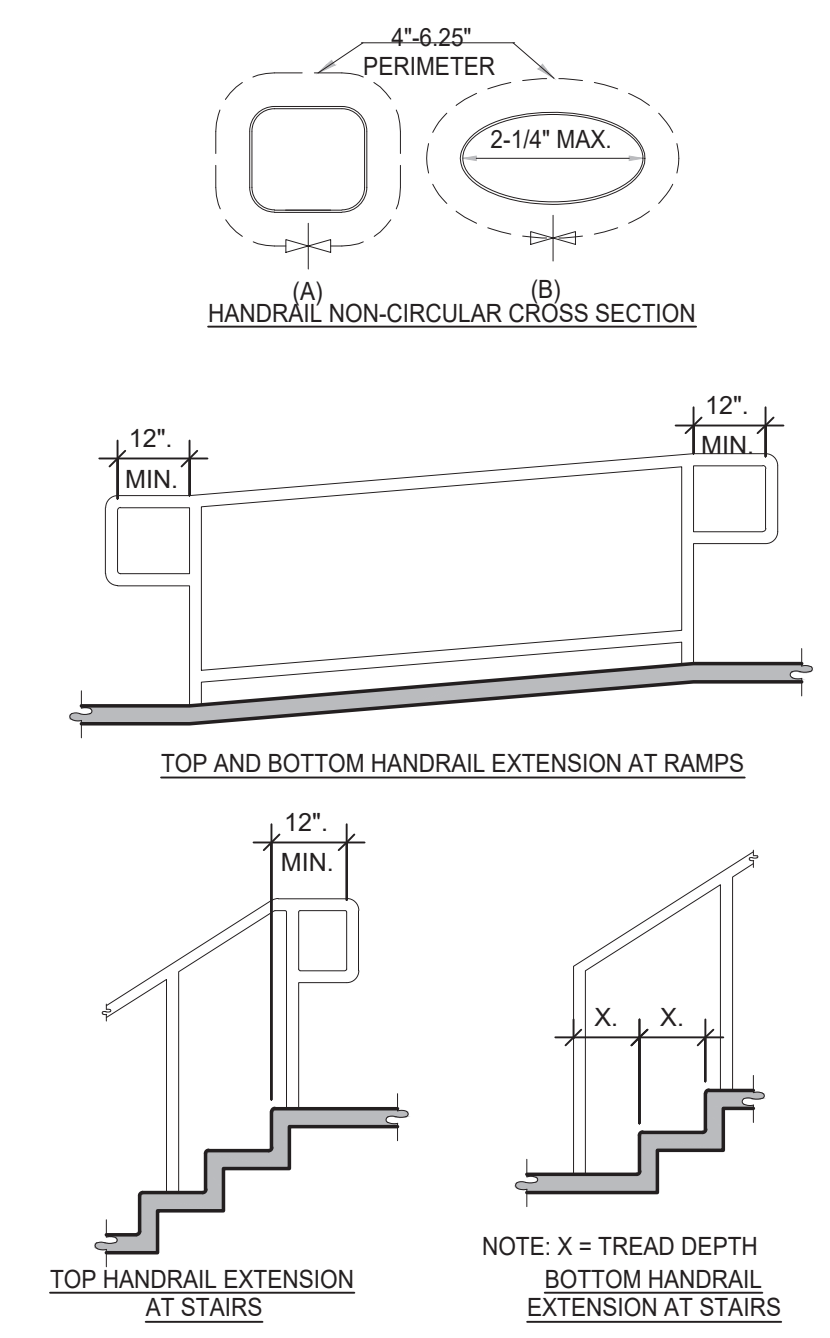
PLOT DATE: 6/23/2022



**BRAILLE MEASUREMENT** 1/4" = 1'-0" **6**



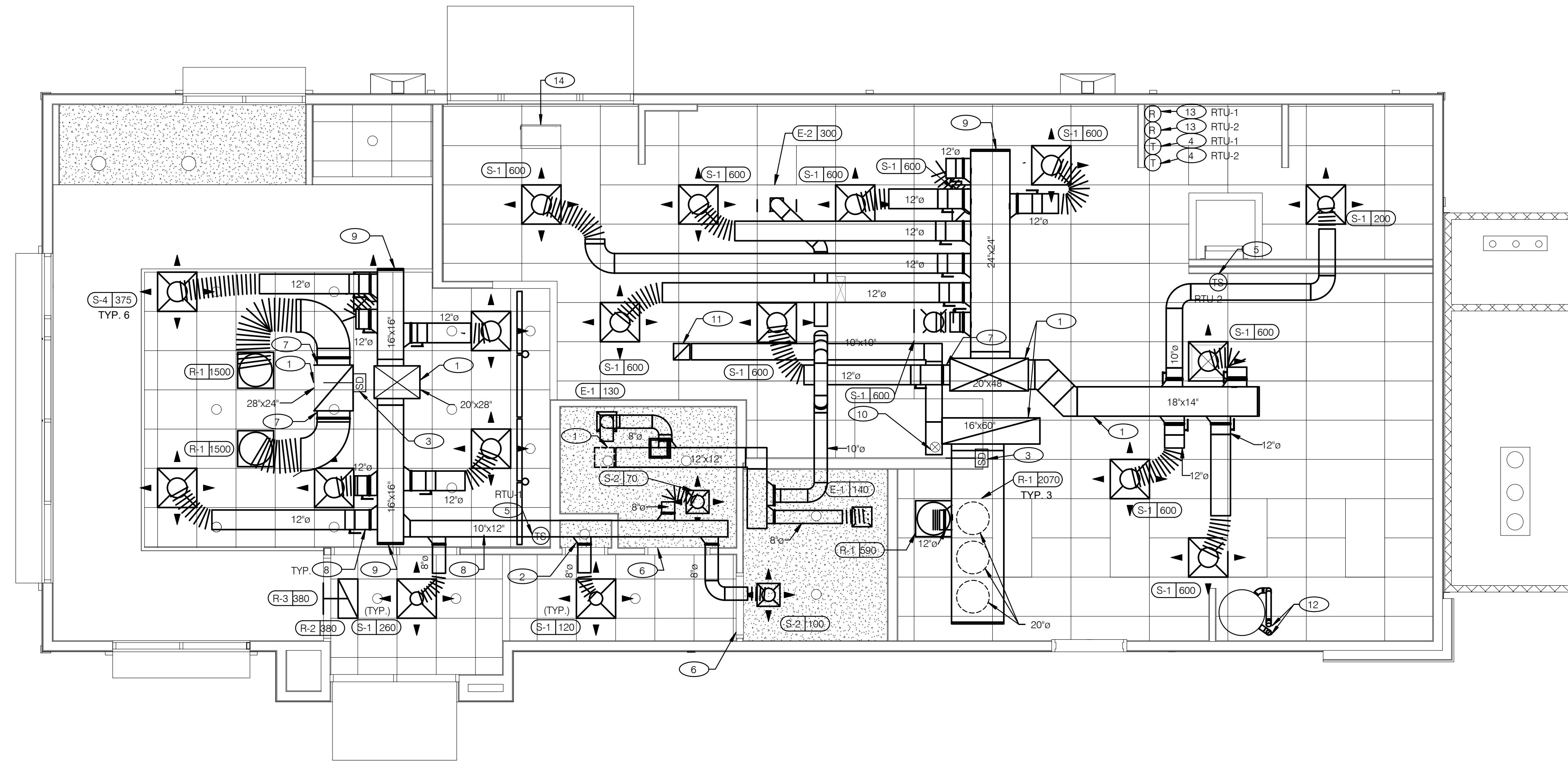
**RAMPS** 3/16" = 1'-0" **8**



**STAIRWAYS AND HANDRAILS** 3/8" = 1'-0" **4**







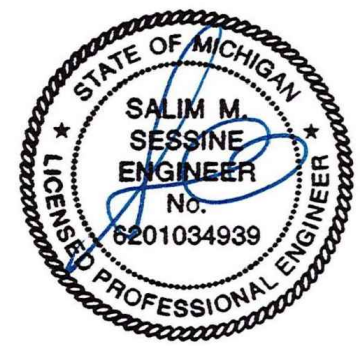
**COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.**

**DUCT AND DIFFUSER PLAN** 1/4" = 1'-0" **A**

1. DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.
2. THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SUBBASE AND REMOTE TEMPERATURE SENSOR (PROVIDED WITH RTU PACKAGE).
3. HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS. REFER TO HVAC UNIT SCHEDULE FOR APPLICATION CONDITIONS.

- 1 AIR DUCT UP TO UNIT.
- 2 SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.
- 3 FACTORY INSTALLED SMOKE DETECTOR MOUNTED IN ROOFTOP UNIT.
- 4 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. RUN 24 VAC POWER AND SIGNAL CONDUCTORS IN TWO (2) SEPARATE TWO (2) CONDUCTOR CABLES, 18 AWG.
- 5 MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR. CONNECT TO THERMOSTAT WITH 18 AWG 2 CONDUCTOR CABLE PER MANUFACTURER INSTALLATION INSTRUCTIONS. ENSURE THAT TEMPERATURE SENSOR IN DINING AREA IS NOT LOCATED ON TILE WALL.
- 6 UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR.
- 7 PROVIDE SHOE TAP AT CONNECTION TO DUCT DROP FROM ROOFTOP UNIT.
- 8 RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- 9 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- 10 10"x10" EXHAUST AIR DUCT DOWN AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD.
- 11 EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 11 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.

- 12 PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- 13 PROVIDE SMOKE DETECTOR RESET SWITCH WITH KEY. RESET SWITCH SHALL BE 'SYSTEM SENSOR' MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER'S REQUIREMENTS.
- 14 PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. AIR CURTAIN SHALL BE BERNER MODEL DTU03-2026A, WITH 120V/160 POWER CONNECTION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.



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 www.eam-engineers.com eam@eam-engineers.com  
 Job No.: 273-22060



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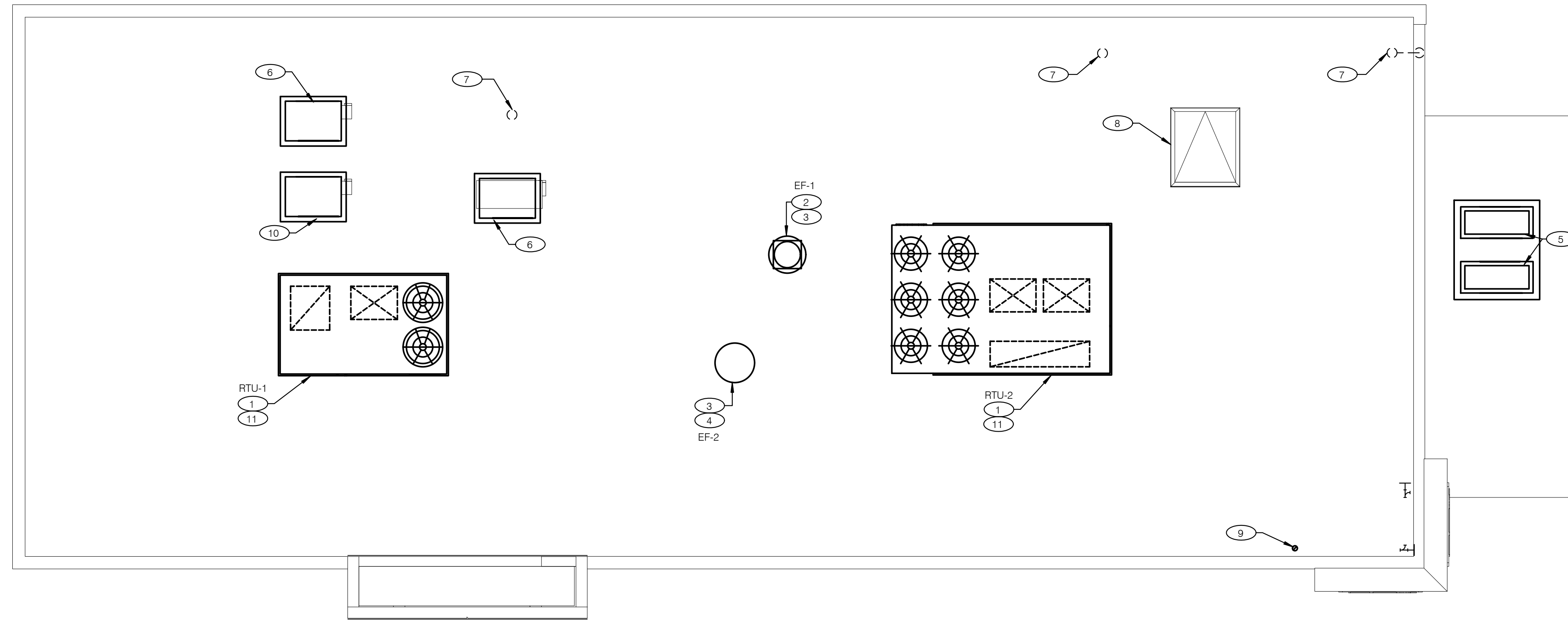
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**ENDEAVOR 2.0 DUCT AND DIFFUSER PLAN**

**M2.0**

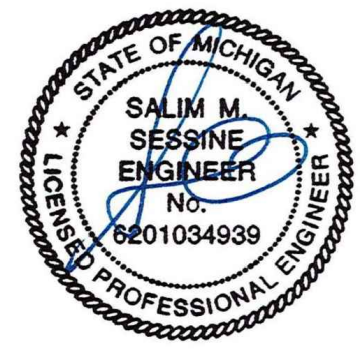


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**MECHANICAL ROOF PLAN** 1/4" = 1'-0" **A**

- 1 PROVIDE RTU IN LOCATION AS SHOWN ON PLANS. COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT. MAINTAIN MINIMUM 10'-0" CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND EXHAUST TERMINATIONS.
- 2 PROVIDE TYPE I EXHAUST FAN IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM EXHAUST HOOD UP TO EF-1 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS LAYOUT.
- 3 COORDINATE EXHAUST FAN LOCATION WITH ROOFTOP UNIT. MAINTAIN ROOFTOP UNIT MANUFACTURER'S REQUIRED CLEARANCE AND MINIMUM 10 FT TO ROOFTOP UNIT'S OUTSIDE AIR INTAKE.
- 4 PROVIDE EXHAUST FAN IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM RESTROOM EXHAUST GRILLES TO EF-2 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS LAYOUT.
- 5 CONDENSING UNIT SERVING WALK-IN COOLER/FREEZER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 6 CONDENSING UNIT SERVING ICE MAKER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 7 PLUMBING VENT. REFERENCE 1/P2.0.
- 8 ROOF HATCH. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- 9 PROVIDE MANUFACTURER'S CONCENTRIC TERMINATION VENT KIT SERVING HOT WATER HEATER BELOW. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ENSURE AT LEAST 10'-0" DISTANCE BETWEEN OUTDOOR AIR INTAKES.
- 10 CONDENSING UNIT SERVING FROZEN BEVERAGE MACHINE. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 11 ALL UTILITY PIPING FOR RTUS SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.

**KEYNOTES - MECHANICAL ROOF PLAN** NTS **B**



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**ENDEAVOR 2.0 MECHANICAL ROOF PLAN**

**M2.1**

PLOT DATE: 6/23/2022

**STRATOVENT MODEL# SVDU50HFA**

TAG	HOOD	STRATOVENT MODEL #	CFM	ESP	RPM	H.P.	B.H.P.	QD	VOLTS	FLA	MCAMPO	WEIGHT (LBS)	BOXES
EF-1	FRYER	SVDU50HFA	1000	0.9'	1429	0.50	0.33	1"	115	8.4	10.0/10	85/90	14.8

**FACTORY OPTIONS:**  
 - RESTAURANT MODEL  
 - ULTR. GREASE RATED  
 - DIRECT DRIVEN  
 - SPEED CONTROLLER  
 - WEATHERPROOF ENDCONNECT  
 - FLAT CURB VENTED  
 - FACTORY ATTACHED HINGES

**ATTENTION: INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH. ULTR. GREASE RATED DIRECT DRIVEN SPEED CONTROLLER WEATHERPROOF ENDCONNECT FLAT CURB VENTED FACTORY ATTACHED HINGES**

**STRATOVENT**  
 CALIFORNIA-OKLAHOMA-NORTH CAROLINA  
 PH: 919-573-4250  
 FEEDBACK@STRATOVENT.COM

NOTE: ALL DIMENSIONS (INCHES)

REVISED: 10-10-2018

**HOOD EXHAUST FAN DETAIL NTS 7**

**PROJECT: TACO BELL**

System Size: ANSUL-3.0 Gallons Total, R102  
 Flow Points: 8 Design, 11 (max)

Hood #1: 6'-3" L x 36" W x 14" H  
 Exhaust Riser Size: 10" x 10"

**NOTES**  
 - FIELD PIPE DROPS AS SHOWN: SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY STRATOVENT FOR HOOD-BASED PIPING.  
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED.  
 - MAXIMUM 9 ELBOWS IN SUPPLY LINE, MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.  
 - ALL NOZZLE HEIGHT AND PLACEMENT TO BE DETERMINED BY INSTALLER AND AHJ PER ANSUL GUIDELINES.  
 - ALL PIPING TO BE 3/8" SCH 40 BLACK IRON.  
 - THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.  
 - SYSTEM INSTALLATION AND FINAL HOOKUP SOURCED BY GEN CONTRACTOR. SYSTEM PARTS OPTIONALLY PURCHASED FROM STRATOVENT BY OWNER OR G.C..

**LEGEND - WALL MOUNTED ANSUL SYSTEM**

1B	3.0 GALLON TANK
2	AUTOMAN RELEASE
5	ANSULEX LIQUID AGENT (3.0 GAL.)
7	CARTRIDGE (101-20)
10	TEST LINK
11	DOUBLE MICROSWITCH
1W	NOZZLE ASSEMBLY (419336)
1N	NOZZLE ASSEMBLY (419335)
3N	NOZZLE ASSEMBLY (419338)
28	DETECTOR BRACKET
30	HIGH TEMP FUSIBLE LINK
MGV	MECHANICAL GAS VALVE
34	REMOTE MANUAL PULL STATION
S	SWIVEL ADAPTOR

**DESIGN NOTE:**  
 1) ABOVE DEPICTION SHOWS DUAL FRYERS ON RIGHT END OF THE HOOD. HOOD SUPPLIER WILL VERIFY EQUIP LAYOUT PER PLANS AND PLACE FRYER NOZZLES ON THE LEFT END WHEN APPROPRIATE TO SUIT SITE CONDITIONS

**TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN 12" = 1'-0" 6**

**INSTALLATION: DUCT TEMPERATURE SWITCH**

OPTION #2 THROUGH ROOF OF HOOD INTO PLENUM AREA BEHIND FILTERS. LEFT OR RIGHT OF DUCT OPENING.

OPTION #1 (PREFERRED): FACTORY INSTALLED IN HOOD CAVITY

NOTE: IF SENSOR IS FIELD INSTALLED, THE KIT SHIPS WITH UL-LISTED QUICK SEALS MUST BE USED TO SEAL ANY HOOD OR DUCT PENETRATIONS (SEE EXPLODED PARTS VIEW).

**INSTALLATION: DUCT TEMPERATURE SENSOR**

**SENSOR DETAIL**

(1) NORMALLY OPEN DRY CONTACT, CLOSES ON TEMPERATURE RISE ABOVE 85F. WIRED IN PARALLEL TO NORMAL CONTROL CIRCUIT. WHEN ORDERED, SENSOR IS FACTORY INSTALLED IN HOOD CAVITY WITH J-BOX ON TOP OF THE HOOD.  
 (2) DO NOT USE SENSOR AS THE PRIMARY MEANS OF FAN CONTROL. USED ONLY AS A SAFETY DEVICE PER INTERNATIONAL MECHANICAL CODE TO ENERGIZE HOOD EXHAUST FAN WHEN COOKING EQUIPMENT GENERATES HEAT.  
 (3) FAN CONTACTOR AND CONTROLS BY OTHERS, SEE ELECTRICAL SHEETS FOR DETAILS.  
 (4) SEE SPECS ABOVE FOR TEMP SET POINT ADJUSTMENT

NOTE: GENERIC WIRING DEPICTION. SEE PLANS FOR PROPER INTEGRATION.

**HEAT SENSOR ATTACHMENT NTS 5**

EXTERNAL SURFACE OF DUCT, OR ON TOP OF HOOD.

1.125" - 1.250" DIAM. HOLE

0.50" QUIK SEAL (LOCKWASHER)

0.50" QUIK SEAL (WASHER)

EXTENSION RING, TACK WELD TO HOOD OR DUCT TO SECURE INSTALLATION.

**SPECIFICATIONS:**  
 \* VULCAN CALSTAT, 1E2B9-85, NORMALLY OPEN DRY CONTACT  
 \* SENSOR FACTORY SET AT 85F  
 \* FIELD ADJUSTED W/SET SCREW, CW INCREASE, CCW DECREASE, 90F PER REVOLUTION  
 \* RATED FOR 10 AMPS @ 120 VAC, 5 AMPS @ 240 VAC  
 \* SHIPPED FACTORY INSTALLED IN HOOD CAVITY

ADDITIONAL QUESTIONS?? CONTACT: STRATOVENT VENTILATION HOODS, 919-573-4250 - 251-490-6114 JEFF.JOHNSON@STRATOVENT.COM

MODIFIED: 04-11-2020

**HOOD ISOMETRIC 12" = 1'-0" 3**

HOOD #	1 OF 1	MODEL #	STRATOVENT SVD2
LENGTH (IN.)	6'-3"	WIDTH (IN.)	36"
HEIGHT (IN.)	14"		
EXHAUST CFM:	1050	SUPPLY CFM:	BY RTU-SEE M1.0
EXHAUST SP:	0.9' (HOOD+DUCT)	SUPPLY SP:	NA
EXHAUST FPM:	1512	SUPPLY FPM:	NA
EXH. SIZE:	10"X10"	SUP SIZE:	NA
FILTERS: (4)	16" X 16"	HOOD WEIGHT:	300 LBS
FIRE SUPPRESSION:	ANSUL-R102	FILTER TYPE:	STAINLESS BAFFLE
LIGHT QTY: (3)	A19 CFL	CONTROL SWITCH:	BY OTHERS

**DESIGN NOTES:**  
 - STRATOVENT HOODS ARE ETL LISTED TO UL-710 STANDARDS, 3054804-001  
 - MODEL SVD2 IS A NON-CANOPY HOOD, 'LISTED' VALUES ARE UTILIZED FOR AIRFLOW, OVERHANGS AND TEMPERATURE RATINGS.  
 - 18/20 GAUGE MINIMUM S/S ON EXPOSED SURFACES PER NFPA.  
 - HOOD IS PRE-PIPED FOR ANSUL R102, FIELD HOOKUP BY OTHERS  
 - INSTALLER TO REVIEW ELECTRICAL SHEETS FOR HOOD AND FAN WIRING.  
 STRATOVENT DOES NOT PROVIDE A CONTROL BOX IN THE 'BASE' PACKAGE.

**PLAN VIEW**

3" INTEGRAL REAR STAND-OFF. FACTORY INSULATED. HOOD ASSEMBLY IS LISTED AND LABELED FOR ZERO CLEARANCE TO COMBUSTIBLE IN THE REAR. ARCHITECT MUST VERIFY COMPLIANCE WITH ALL LOCAL CODES CONCERNING CLEARANCES.

HOOD DETAIL 1: 25" TALL DUCT ENCLOSURE PANELS, FRONT, LEFT & RIGHT SIDES (PROVIDED WITH HOOD, GC INSTALLED).

HOOD DETAIL 2: 8"-10" HIGH, DROP CEILING (TYPICAL). HOOD PROVIDER MUST BE NOTIFIED IF CEILING HEIGHT VARIES TO ADJUST TRIM HEIGHT. VERIFY WITH ARCHITECTURAL SHEETS

HOOD DETAIL 3: 106"H X 95"L, BACKSPASH, COVERING REAR WALL AND 18" BEYOND THE HOOD. ADJUST SIZE TO SUIT SITE CONDITIONS. MINIMUM 20 GA. STAINLESS STEEL PROVIDED BY HOOD VENDOR.

**FRONT VIEW**

25" TALL DUCT ENCLOSURE PANELS, FRONT, LEFT & RIGHT SIDES (PROVIDED WITH HOOD, GC INSTALLED).

TOP EDGE OF HOOD.

LOWER, LEADING EDGE OF HOOD, 71" ABOVE FINISHED FLOOR.

END PANELS, PROVIDED BY STRATOVENT. SEE SIDE VIEW DETAIL. FIELD INSTALLED BY GC.

106"H X 95"L, BACKSPASH, COVERING REAR WALL AND 18" BEYOND THE HOOD. ADJUST SIZE TO SUIT SITE CONDITIONS. MINIMUM 20 GA. STAINLESS STEEL PROVIDED BY HOOD VENDOR.

HOOD DETAIL 2: 30"L x 3"H, FACTORY ATTACHED MOUNTING CHANNEL FOR CUSTOMER SUPPLIED TIMERS. DUAL 115V/1PH OUTLET FACE MOUNTED ABOVE CHANNEL WITH J-BOX ON TOP OF HOOD.

TOP OF S/S BACKSPASH, SLIGHTLY ABOVE DROP CEILING.

SEE ARCHITECTURAL FOR APPLIANCE LAYOUT

**STRATOVENT**  
 REDDING, CA - RALEIGH, NC  
 800-474-0037 - WWW.STRATOVENT.COM - 251-490-6114

UL/LULC-710 Standard | NSF AFBSS Standard | NFPA  
 ETL-LISTED FILE # 3054804-001 / TESTED TO UL-710

UPDATED: 6FT-3IN LONG VERSION, 04-11-2020

**TACO BELL HOOD DETAIL NTS 2**

**LOW-PROFILE HOOD HOOD #1**

STRATOVENT HOODS BUILT IN COMPLIANCE WITH NSF, NFPA #96, UL STANDARD #72, ETL FILE NO. 3054804-001

NON-CANOPY HOOD DESIGN BASED ON: MANUFACTURER: STRATOVENT, MODEL SVD2 ETL LISTED UL/LC-710, ULC-5646: # 3054804-001  
 MIN. 'LISTED' AIRFLOW: 150 CFM PER LINEAR DESIGN AIRFLOW: 168 CFM PER LINEAR FT  
 MAX. DIST. ABOVE COOK SURFACE: 47"  
 MAX. COOK SURFACE FRONT UNDERHANG: -3"  
 MIN. SIDE COOK SURFACE OVERHANG: 0"  
 MAX. APPLIANCE COOKING TEMPERATURE: 450 F

NOTE: DEPICTED DUCT ROUTING IS GENERIC AND WILL VARY BASED ON SITE CONDITIONS. ADJUST FAN SIZING TO MATCH REQUIRED STATIC PRESSURE

DUCT TERMINATION SHALL EXPAND TO MATCH FAN INLET SIZE. DO NOT OBSTRUCT FAN INLET.

27"H, 3-SIDED DUCT ENCLOSURE PANELS, SHIPPED LOOSE BY HOOD SUPPLIER. DESIGN FOR UP TO 9FT DROP CEILING.

FIELD CUT OPENING BY INSTALLER, TRANSITION PER PLANS. IF SELECTED, A HOOD MOUNTED HEAT SENSOR WILL BE FACTORY INSTALLED IN ROOF OF HOOD FOR AUTOMATIC ACTIVATION.

16"H, UL-LISTED, S/S BAFFLE FILTERS.

3" INTEGRAL REAR STAND-OFF. FACTORY INSULATED. HOOD ASSEMBLY IS LISTED FOR ZERO CLEARANCE TO COMBUSTIBLE IN THE REAR. COMPLIANCE WITH ALL LOCAL CODES VERIFIED BY ARCHITECT.

GREASE CUP

26" X 26" END PANELS, SHIPPED LOOSE AND GC INSTALLED. PROVIDED BY HOOD VENDOR.

20 GA. MIN S/S WALL PANEL COVERING REAR WALL. EXTENDING 18" BEYOND THE HOOD. PROVIDED BY STRATOVENT.

FULL END PANEL ON END OF HOOD CLOSEST TO THE RETHERMALIZER. PROVIDED BY HOOD VENDOR.

30"L X 3"H X 1.25"W, TIMER MOUNTING CHANNEL. FACTORY ATTACHED. DUAL 115V/1PH POWER OUTLET FLUSH MOUNTED ON FACE OF HOOD WITH J-BOX ON TOP.

3'-0"

5'-1.1"

5'-1.1"

8'-10"

40" MIN. (N.T.S.)

ROOF LINE

FINISHED FLOOR LINE

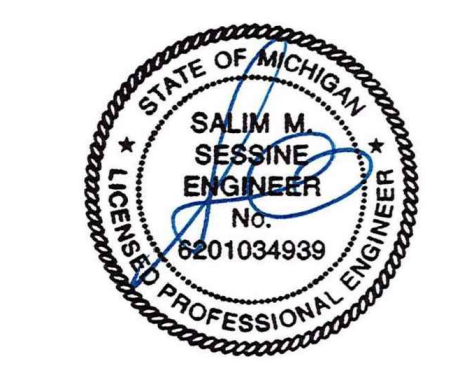
NOTIFY HOOD SUPPLIER IF DROP CEILING IS HIGHER OR LOWER THAN 8'-10" AFF.

STRATOVENT

CONTACT US: WWW.STRATOVENT.COM 919-573-4250 FEEDBACK@STRATOVENT.COM

UPDATED: 6FT-3IN LONG VERSION, 04-11-2020

**TACO BELL HOOD SECTION 12" = 1'-0" 1**



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PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

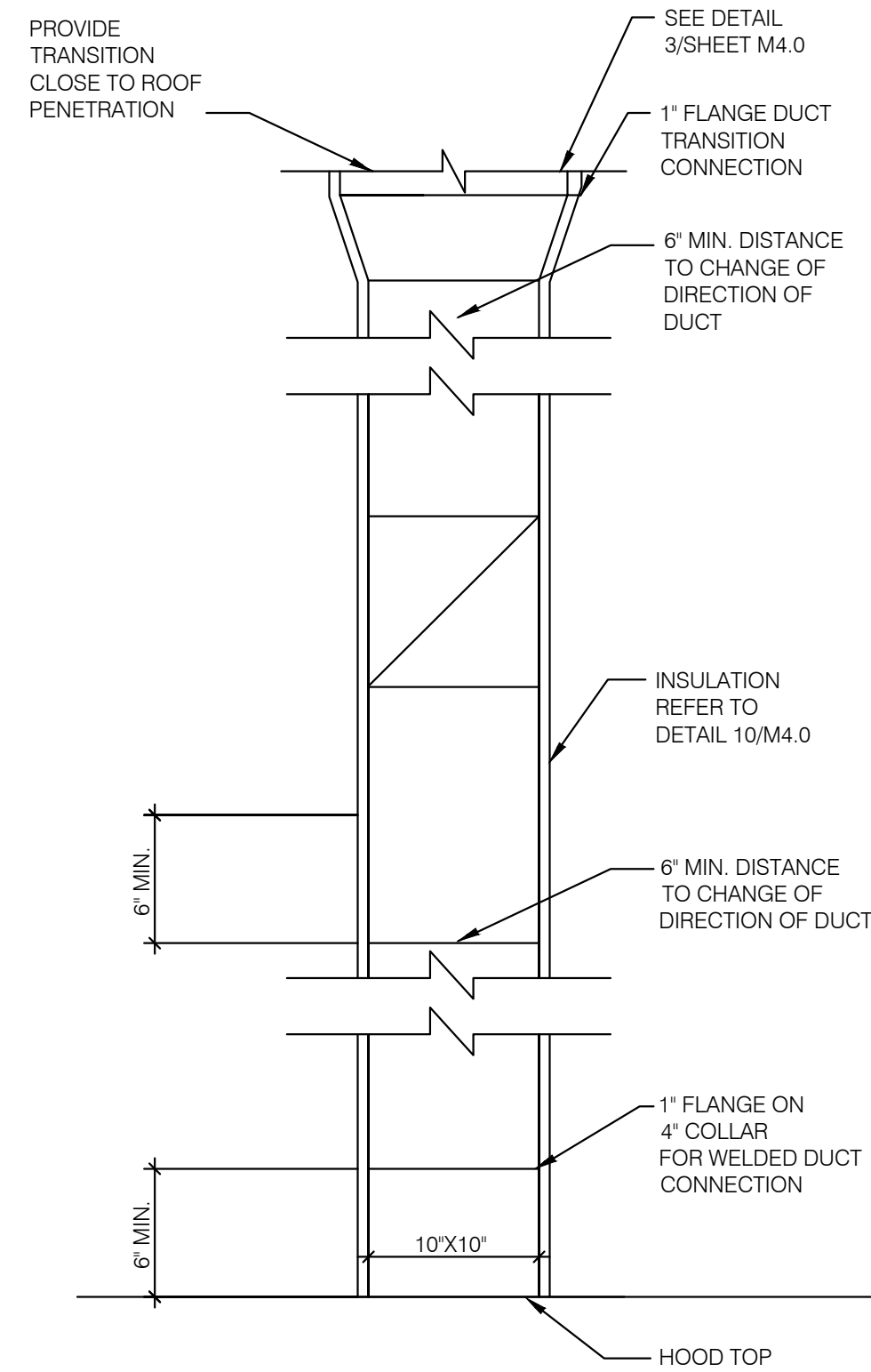
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 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
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 PA/PM:  
 DRAWN BY: :  
 JOB NO.:

**GREAT LAKES TACO, LLC**  
 2717 Main Street (M-53)  
 Marlette, Michigan 48453

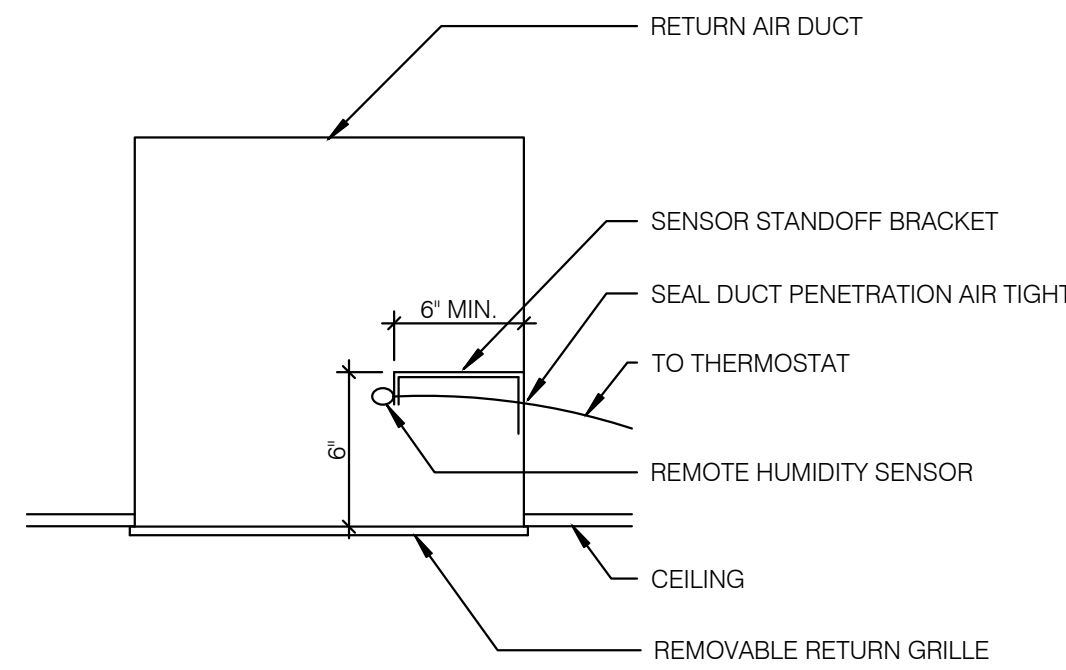


**ENDEAVOR 2.0 HOOD DETAILS AND SECTIONS**

**M3.0**

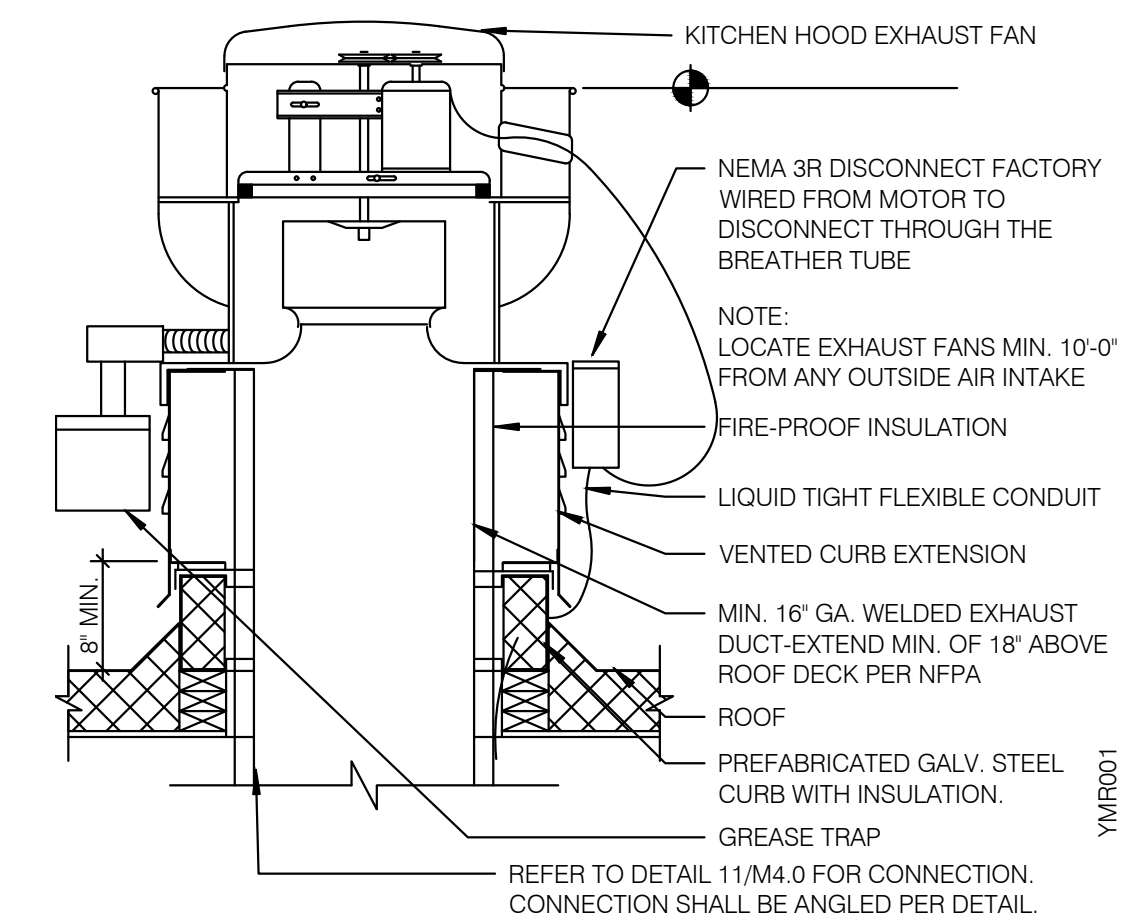


**TB HOOD DUCT TRANSITION** NTS **11**

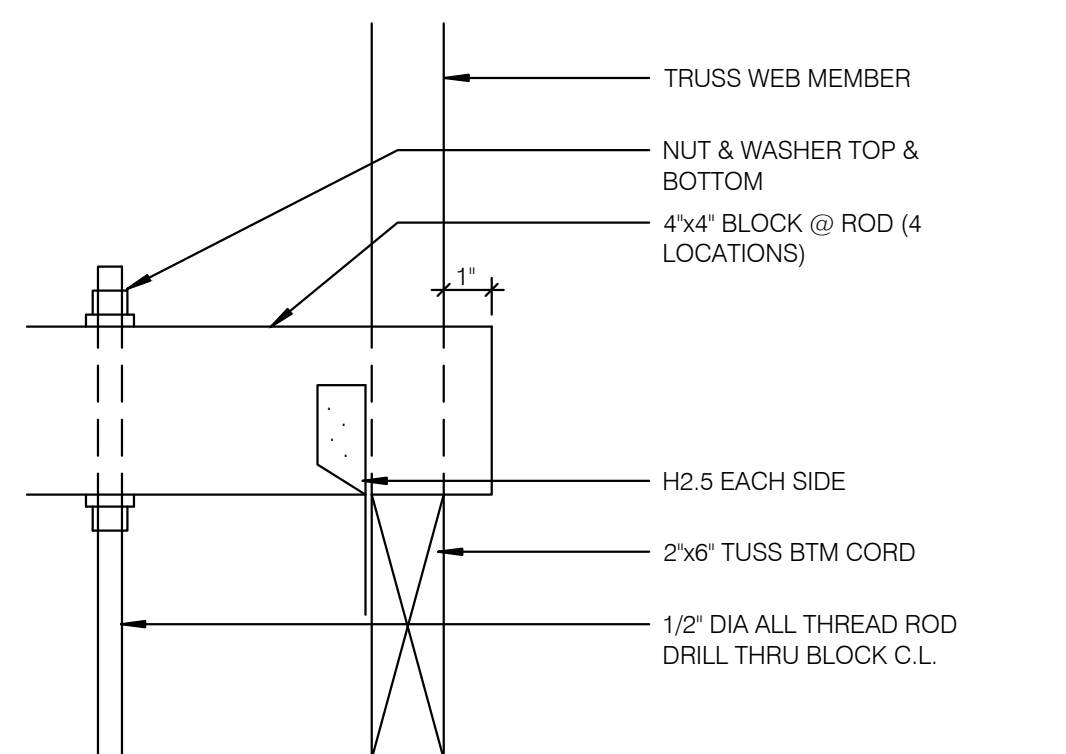


**REMOTE HUMIDITY SENSOR** NTS **8**

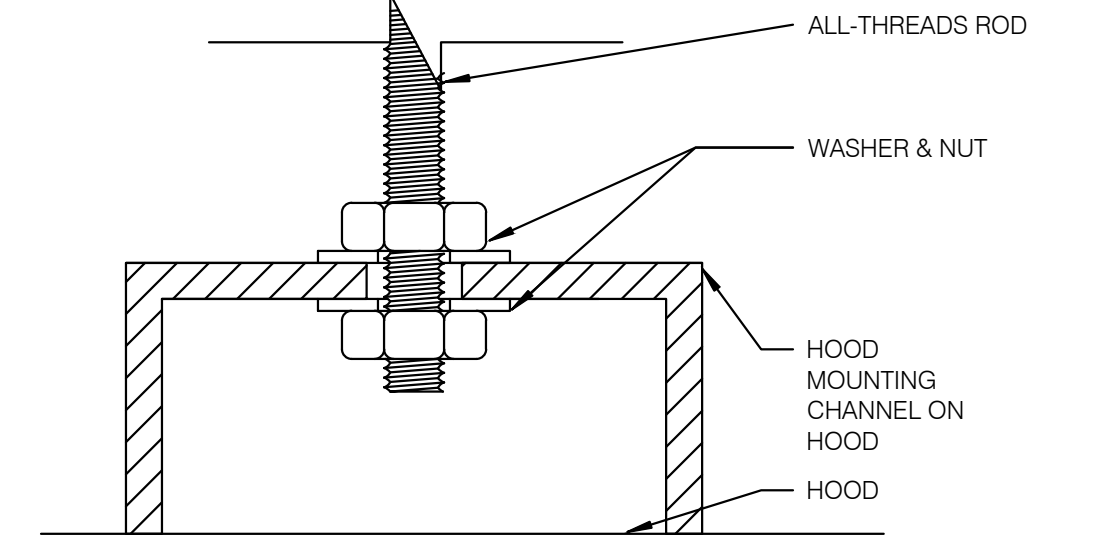
**NOT USED** NTS **6**



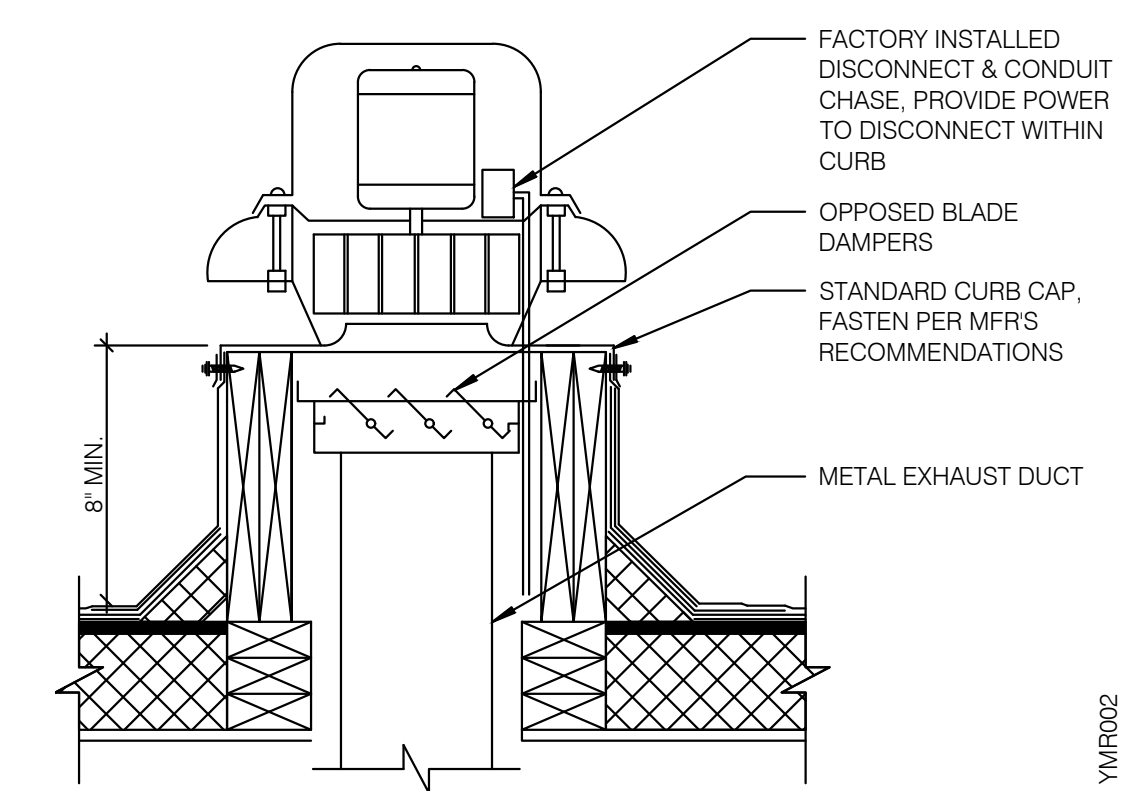
**EXHAUST FAN (EF-1)** NTS **3**



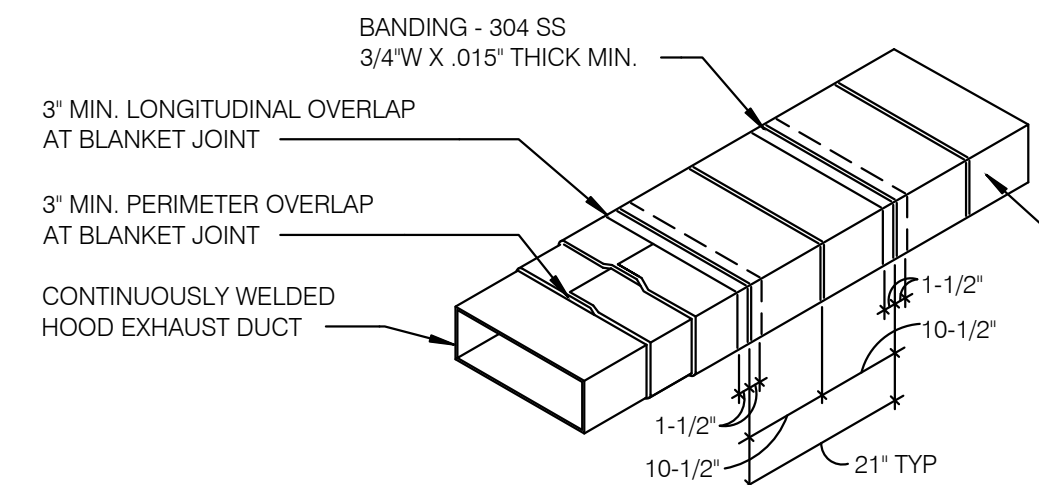
**ROD ATTACHMENT** NTS **7**



**BOLT CONNECTION TO HOOD** NTS **5**

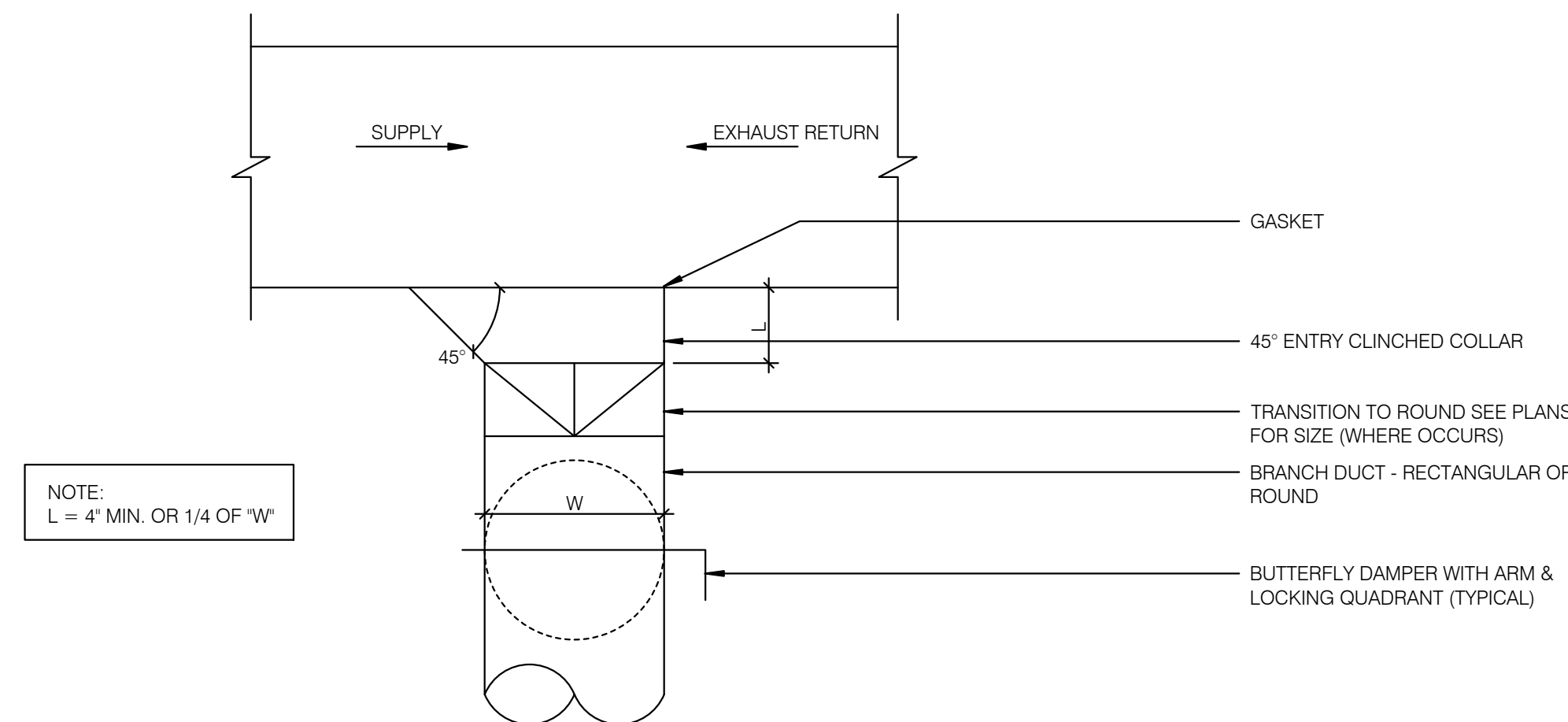


**RESTROOM FAN (EF-2)** NTS **2**

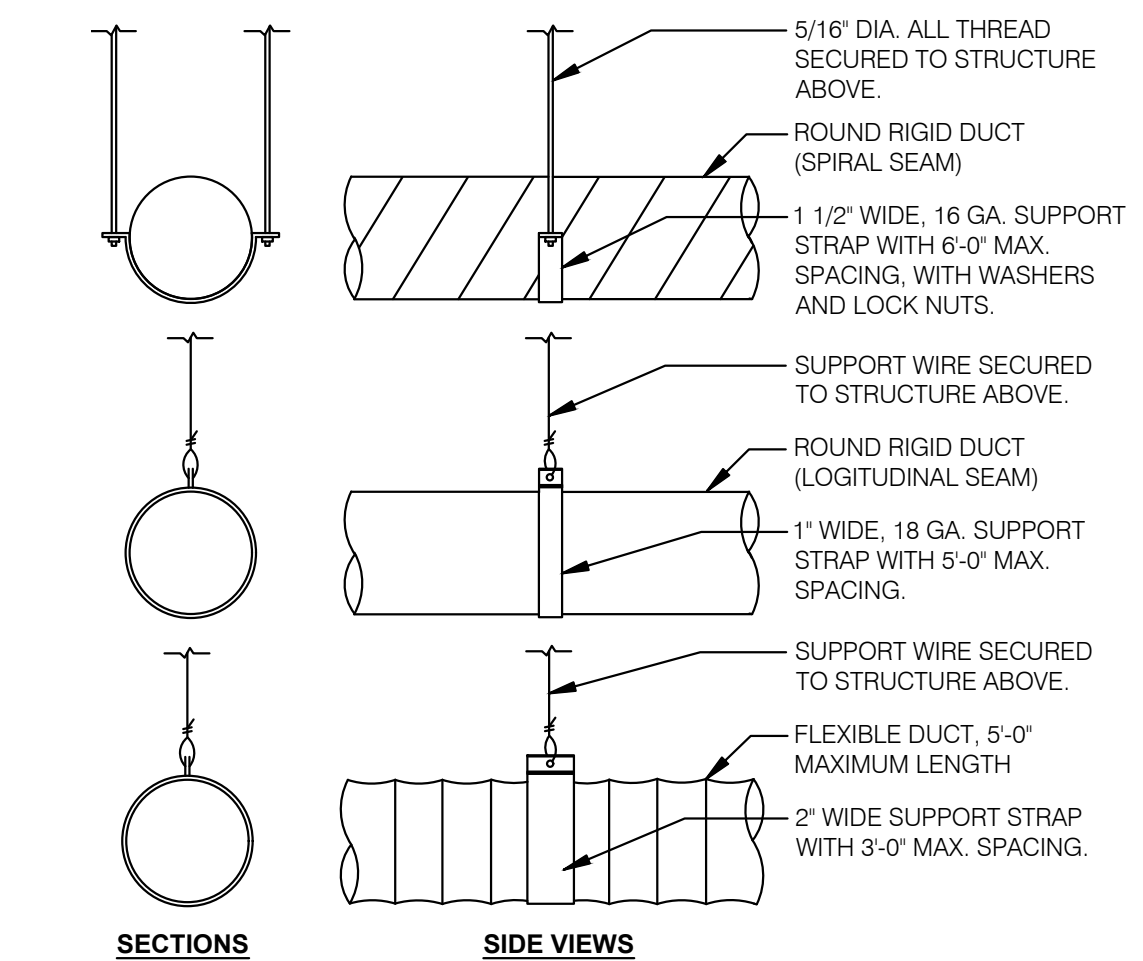


- NOTES:**
1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18\"/>

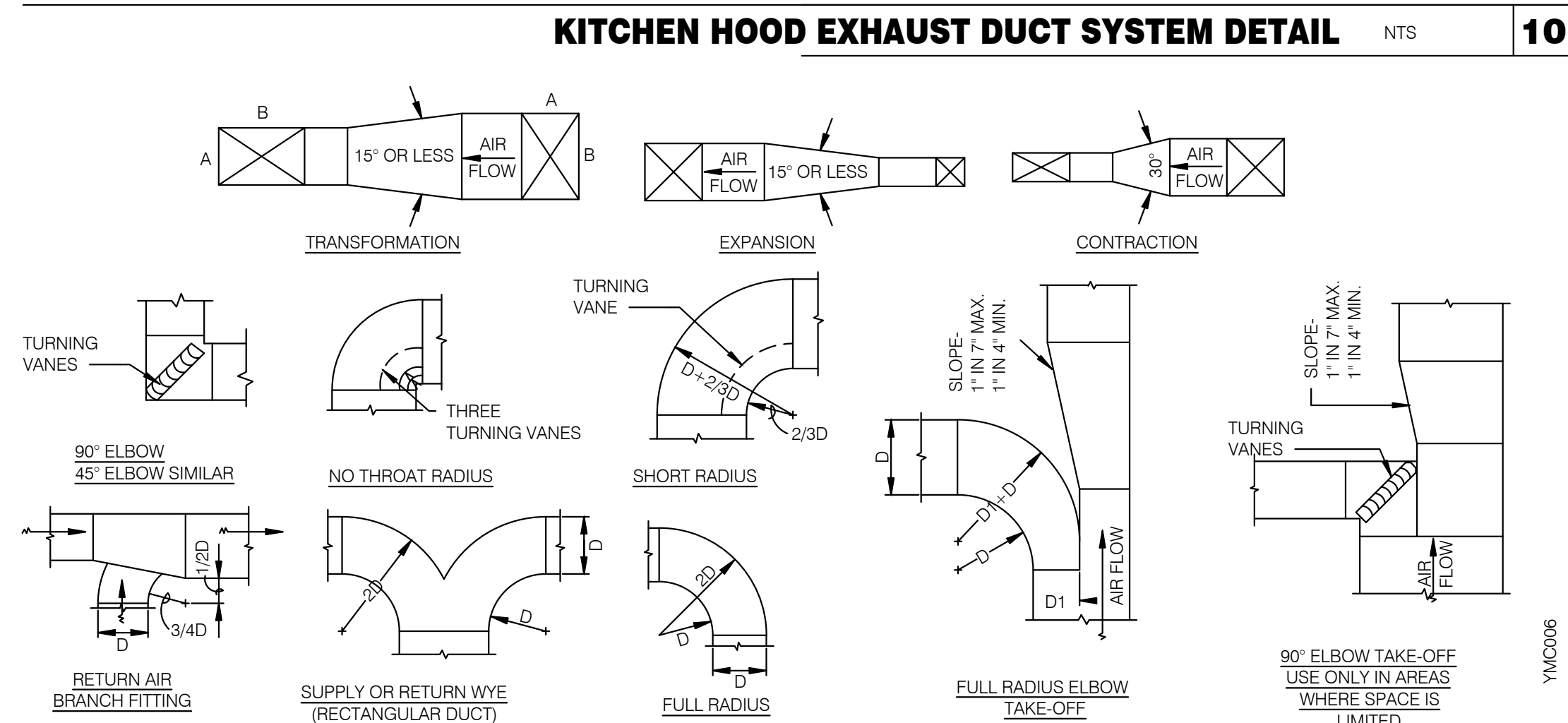
BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2\"/>



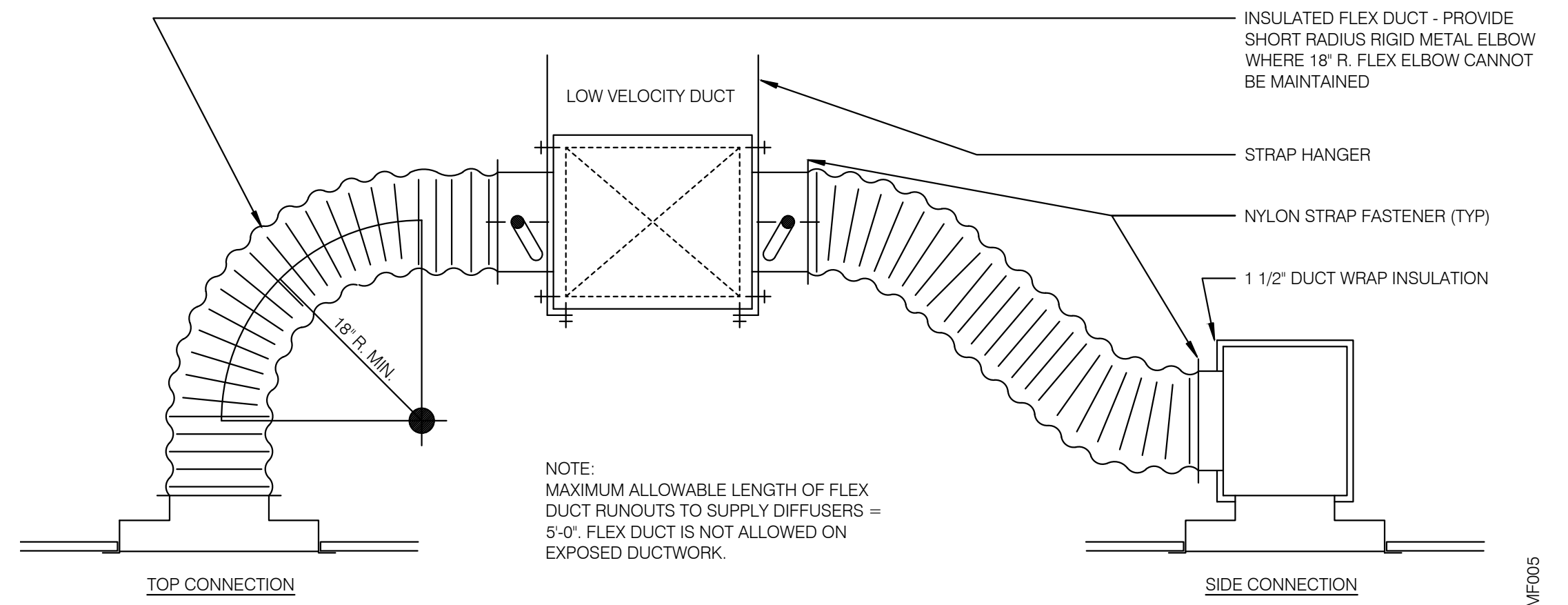
**CEILING DIFFUSER CONNECTIONS** NTS **4**



**DUCT SUPPORT DETAIL** NTS **1**



**TYPICAL DUCTWORK DETAILS** NTS **9**



**CEILING DIFFUSER CONNECTIONS** NTS **4**



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 PROJECT # 22002

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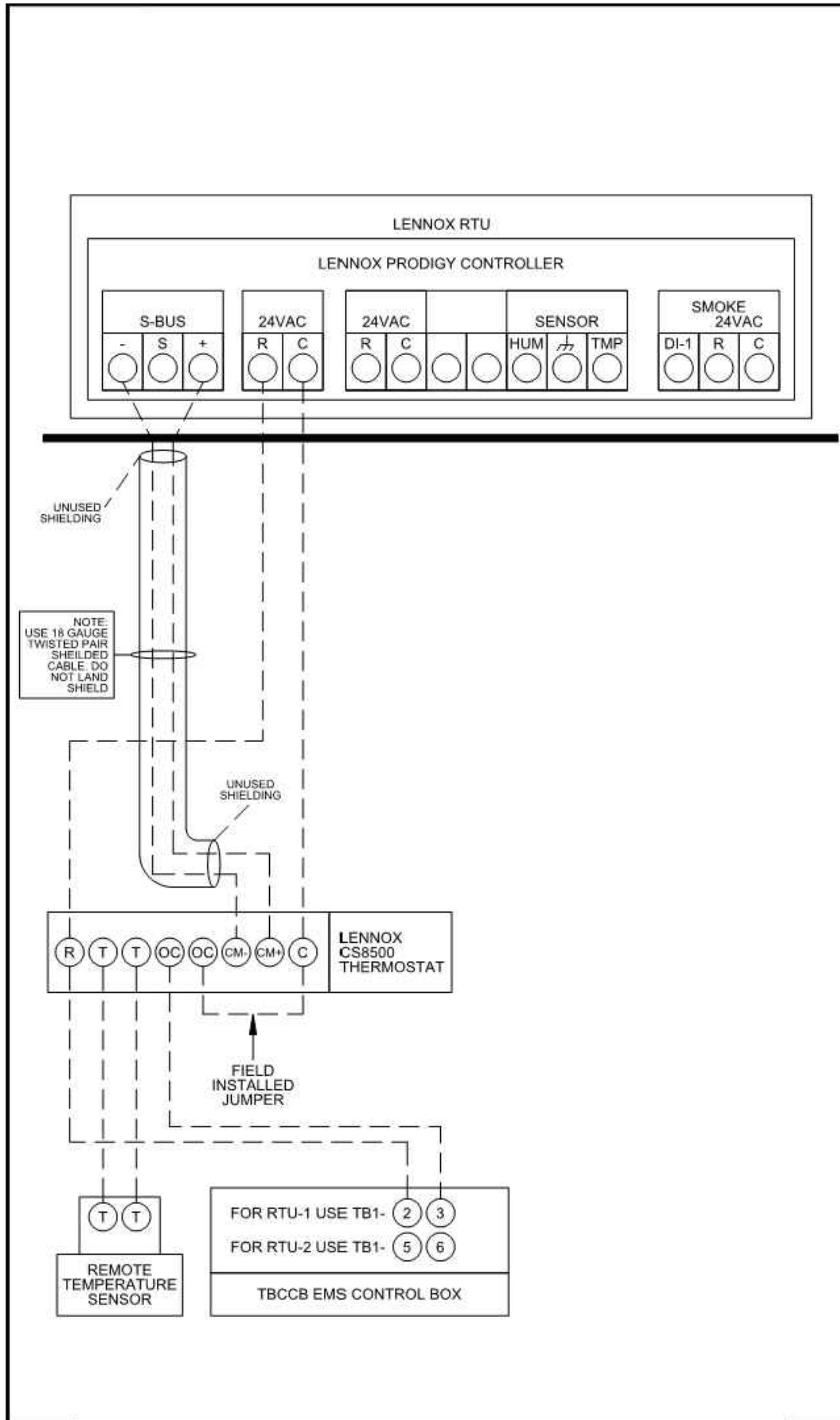
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 2717 Main Street (M-53)  
 Marlette, Michigan 48453



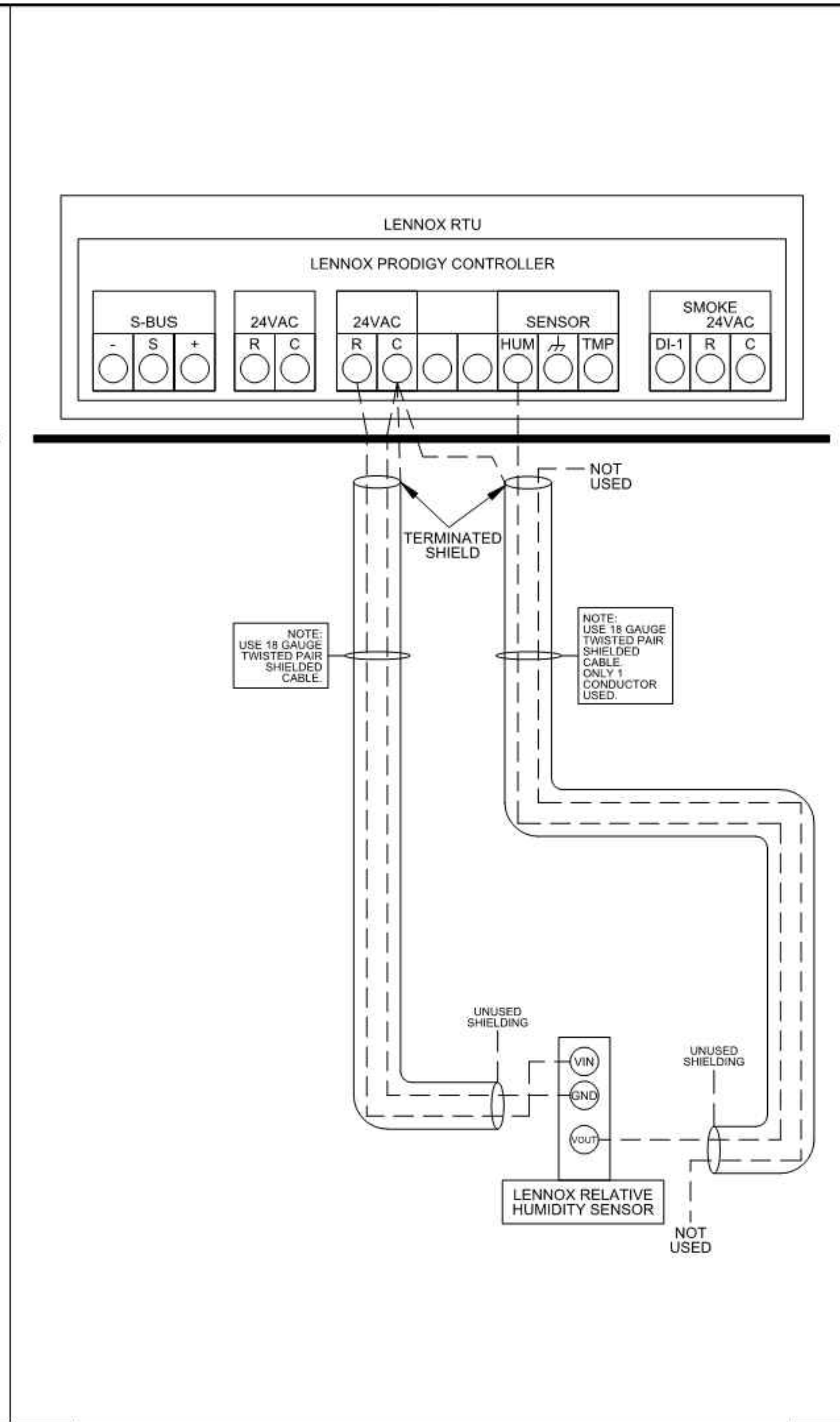
**ENDEAVOR 2.0 MECHANICAL DETAILS**

**M4.0**

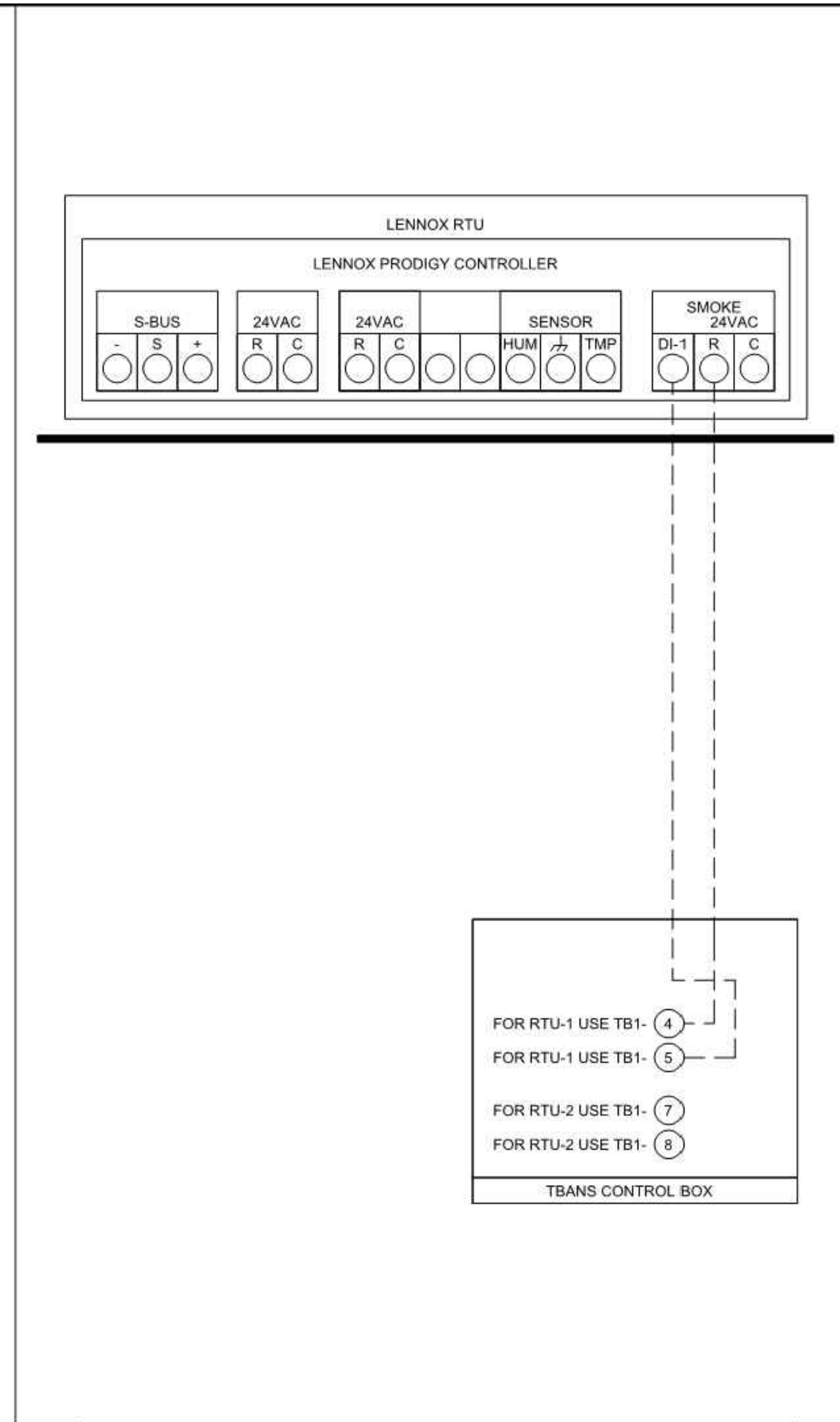
PLOT DATE: 6/23/2022



1 LENNOX PRODIGY TO THERMOSTAT AND TO TBCCB CONNECTION NTS



2 LENNOX PRODIGY TO OPTIONAL HUMIDITY SENSOR CONNECTION NTS



3 LENNOX PRODIGY TO TBANS CONNECTION NTS



LENNOX RTU  
LOW VOLTAGE  
FIELD CONNECTIONS  
DETAIL

LENNOX LOW VOLTAGE CONNECTIONS

Rev	Date	Change

Job # T7647  
Designed By: JL  
Drawing By: EM  
Approved By:   
Date: 08-07-20  
Sheet: 1 of 1



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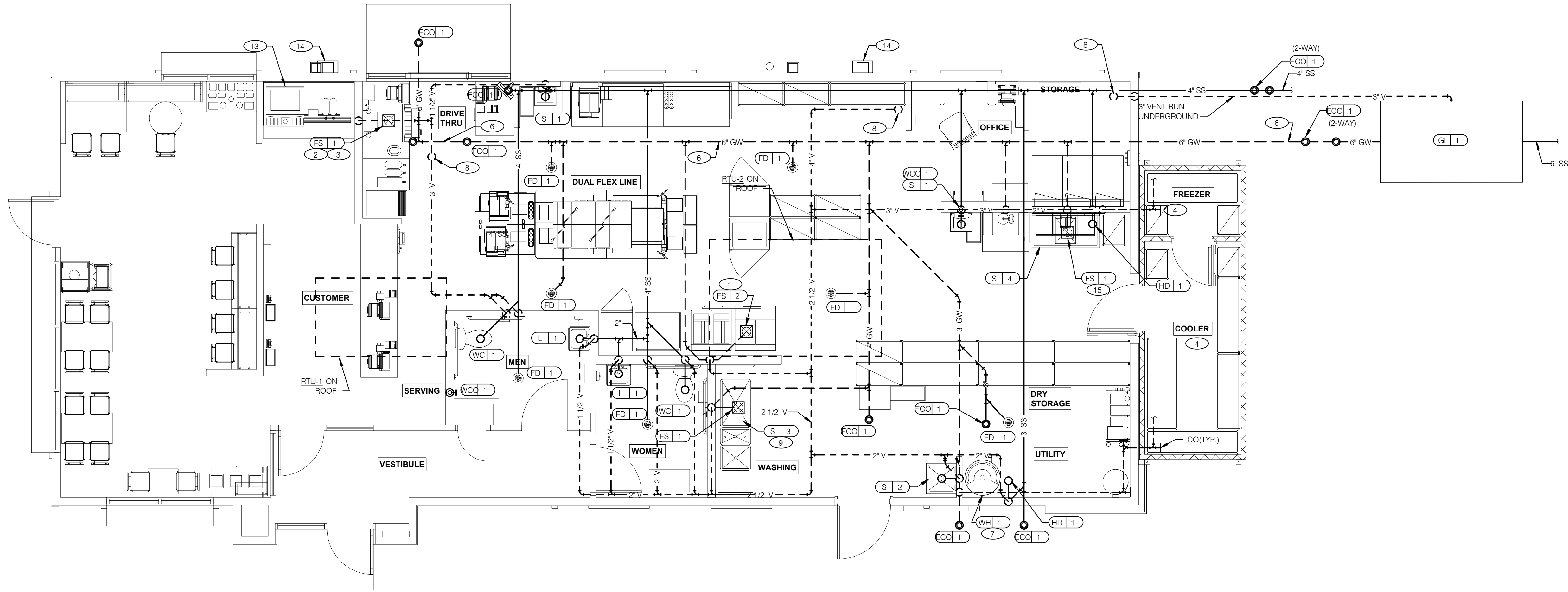
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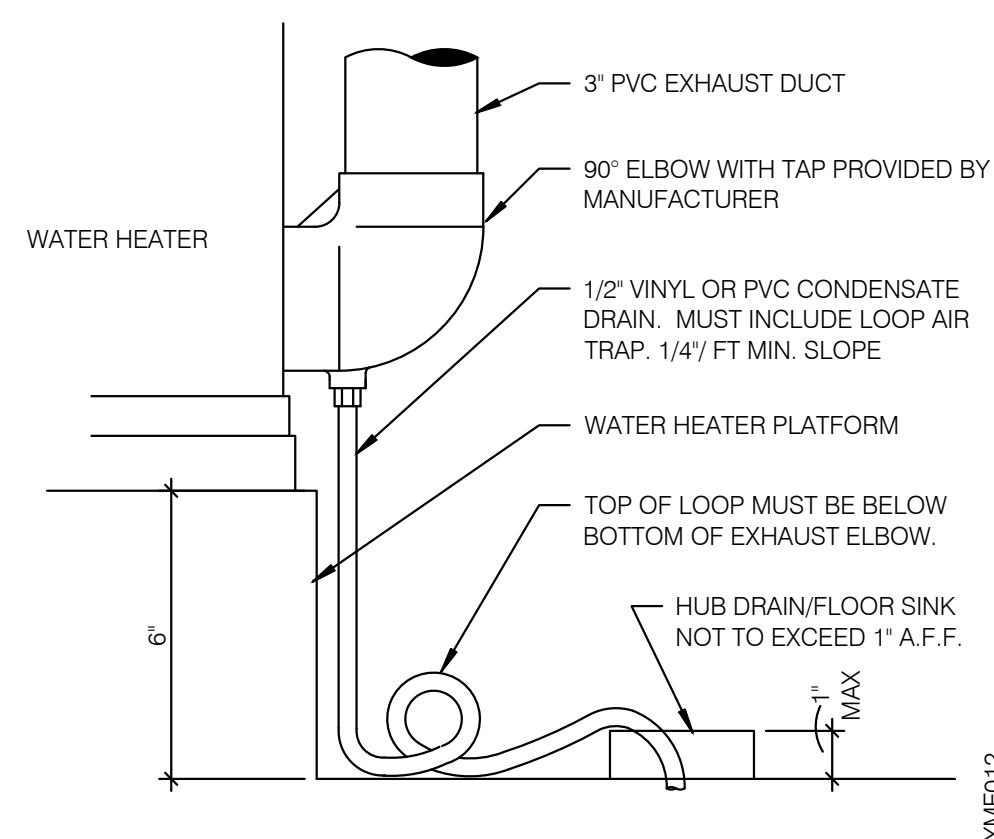
ENDEAVOR 2.0  
CONTROLS  
DETAILS

M5.0





**WASTE & VENT PIPING PLAN** 1/4" = 1'-0" **1**



**WATER HEATER CONDENSATE DETAIL** NTS **4**

- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF WATER PLY. REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.
- C. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS
- D. VERIFY WITH THE LOCAL BUILDING AUTHORITY THAT CONDENSATE DRAINAGE CAN BE ROUTED TO THE MOP SINK.

**WASTE & VENT PLAN NOTES** NTS **3**

- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- 2 PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS. PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS. PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5 NA
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTBOUND FROM INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
- 7 ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.1 AND DETAIL 4/P2.0.
- 8 4" VENT UP THROUGH ROOF.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.
- 10 NA
- 11 NA
- 12 NA
- 13 RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 14 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- 15 ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.

**KEYNOTES - WASTE AND VENT** NTS **2**



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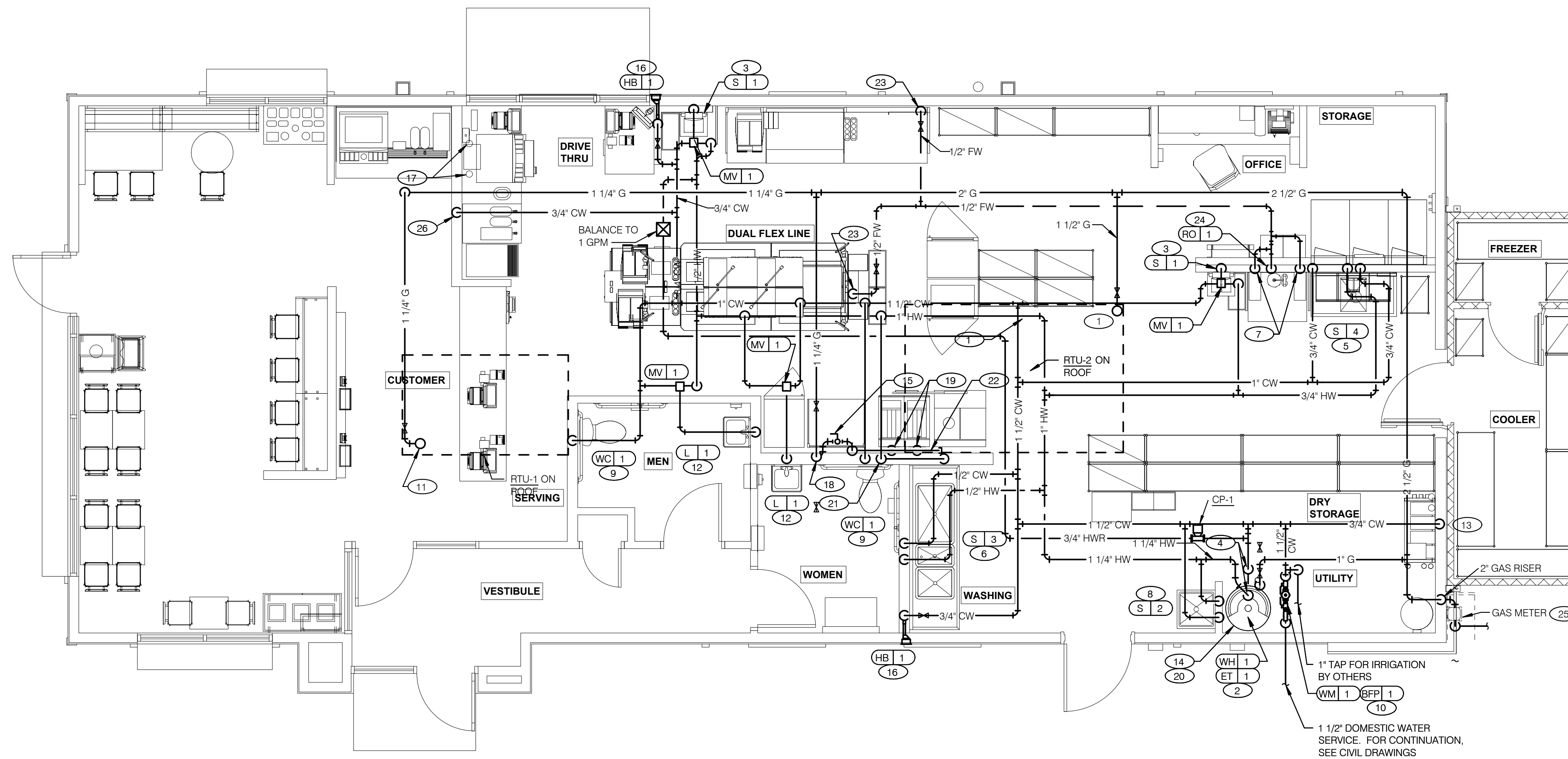
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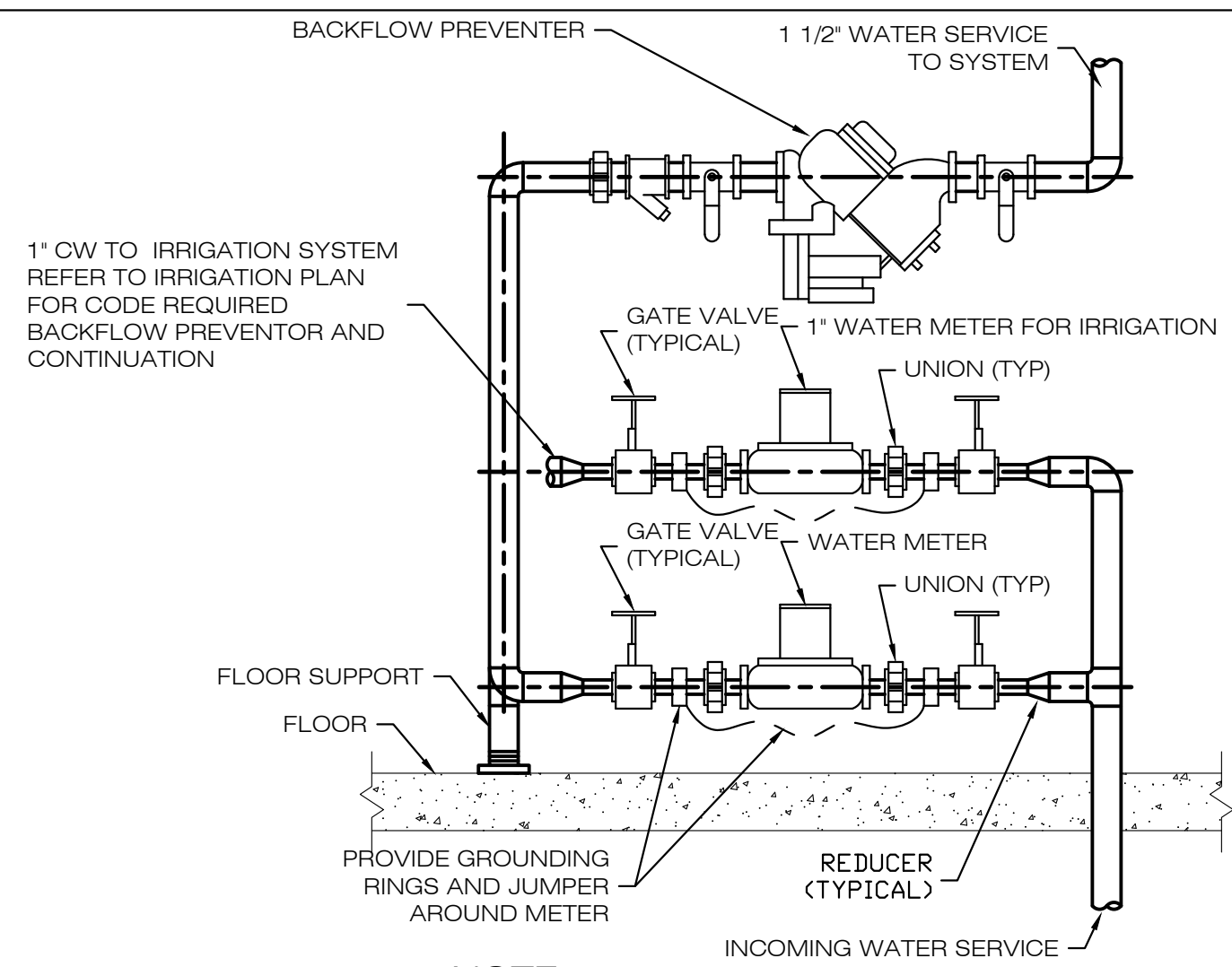
**ENDEAVOR 2.0**  
**WASTE AND**  
**VENT PLAN**

**P2.0**

PLOT DATE: 6/23/2022



**WATER & GAS PLAN** 1/4" = 1'-0" **1**



**WATER METER DETAIL**  
NO SCALE

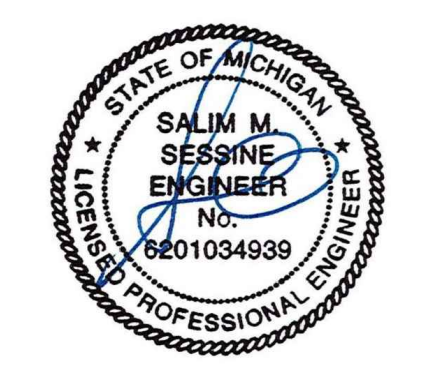
- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF "WATER VALLEYS". REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- C. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- D. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- E. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER TO SERVE CARBONATOR. DRAIN RELIEF TO FLOOR SINK WITH AIR GAP

- 1 1-1/4" (360 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 2 1" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .
- 10 REDUCED PRESSURE BACKFLOW PREVENTER LOCATED PER LOCAL UTILITY REQUIREMENTS. PIPE RELIEF TO HUB SINK.
- 11 1-1/4" (240 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-540.
- 14 WATER HEATER (WH-1). PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.0.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-739. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN IN WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER, PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 2/P6.0.
- 21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-079 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-546. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.

**WATER & GAS PLAN NOTES** NTS **3**

**KEYNOTES - WATER AND GAS** NTS **2**



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PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

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**GREAT LAKES TACO, LLC**  
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Marlette, Michigan 48453

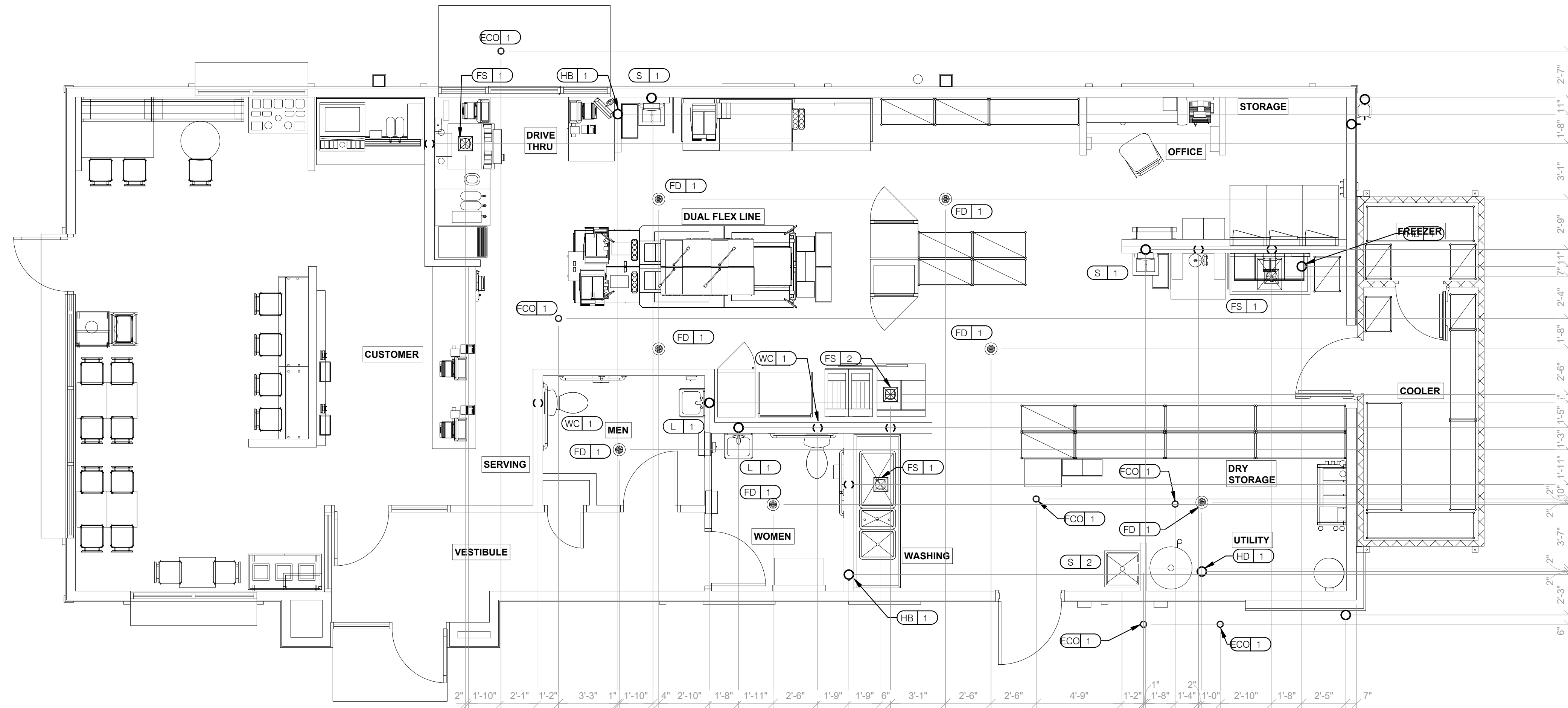


**ENDEAVOR 2.0 WATER AND GAS PLAN**

**P3.0**

PLOT DATE: 6/23/2022





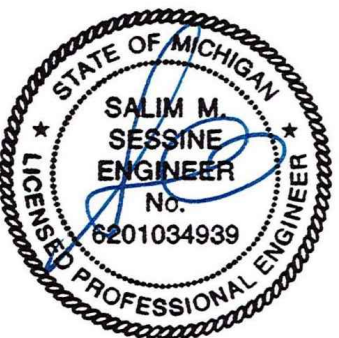
**PLUMBING ROUGH-IN PLAN** 1/4" = 1'-0" **1**

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK			--	S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	--
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F.	--
HD 1	HUB DRAIN			--	S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 1	WATER HEATER	CW		--	WCO 1	WALL CLEAN OUT			--
WH 1	WATER HEATER	G	+15" A.F.F.	--	FCO 1	FLOOR CLEAN OUT			--
WC 1	WATER CLOSET	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR	HB 1	HOSE BIB			--
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED					
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED					
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-107	REHERMALIZER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--	C-020	DUAL VAT FRYER	G	+12" A.F.F.	
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--	C-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--	C-452	HOT WATER SYSTEM	CW	+24" A.F.F.	

**PLUMBING ROUGH-IN SCHEDULE** NTS **3**

- ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO CENTER OF FIXTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON ARCHITECTURAL AND STRUCTURAL DRAWINGS AND EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM CORRECTNESS OF DIMENSIONS INDICATED HEREIN.

**PLUMBING ROUGH-IN NOTES** NTS **2**



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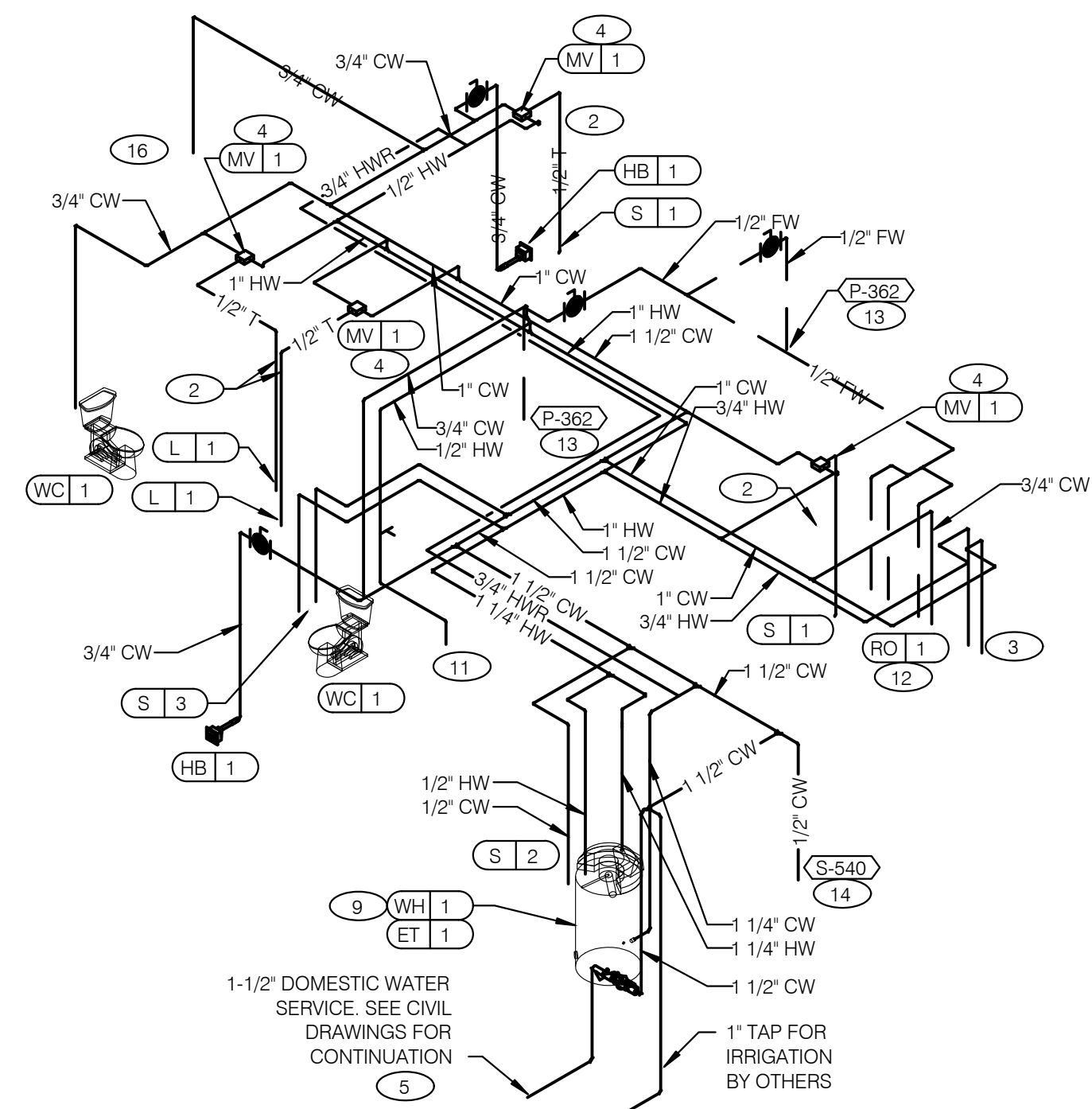
**GREAT LAKES**  
**TACO, LLC**  
 2717 Main Street (M-53)  
 Marlette, Michigan 48453



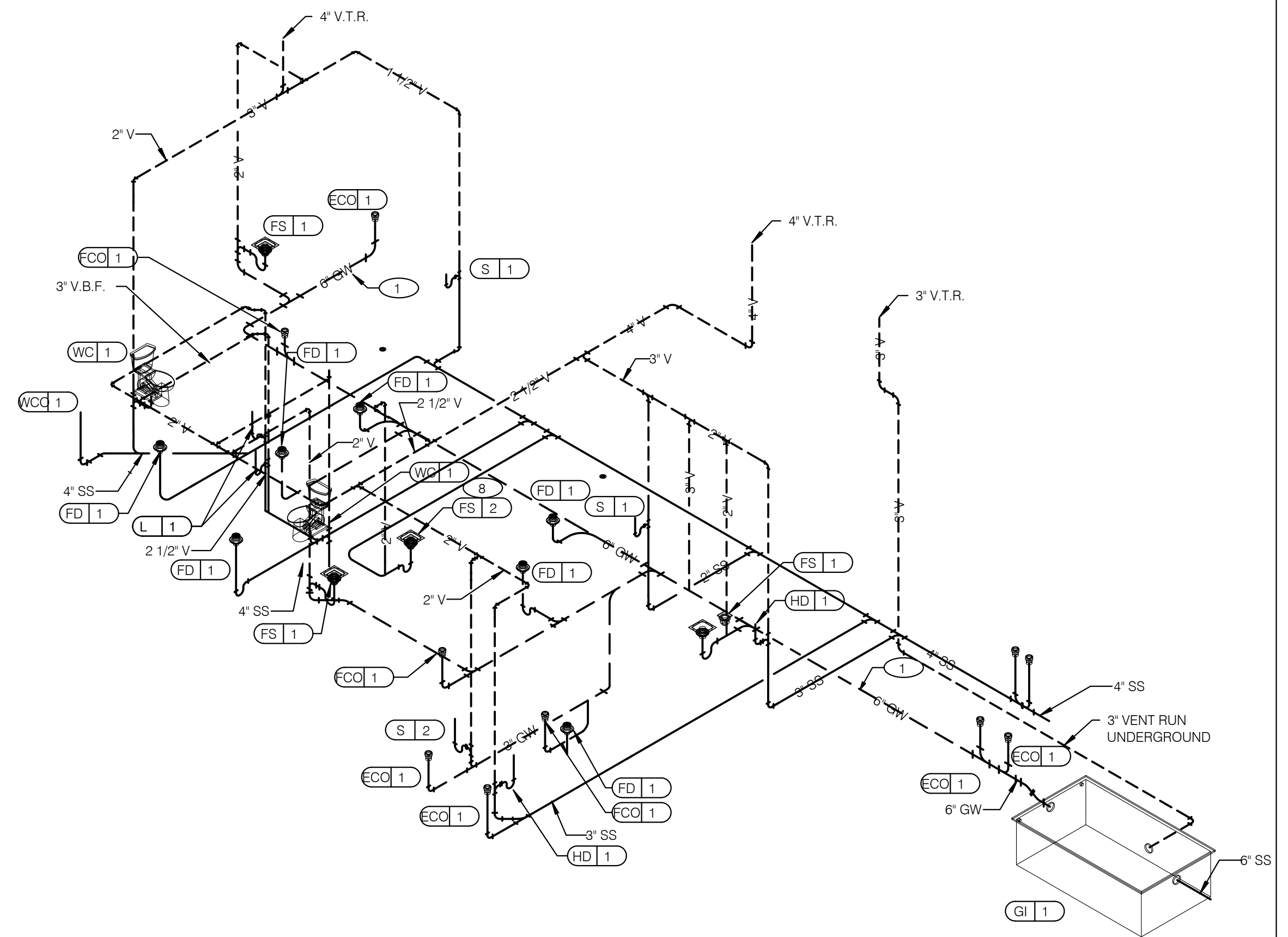
**ENDEAVOR 2.0**  
**PLUMBING**  
**ROUGH-IN PLAN**

**P4.0**

PLOT DATE: 6/23/2022



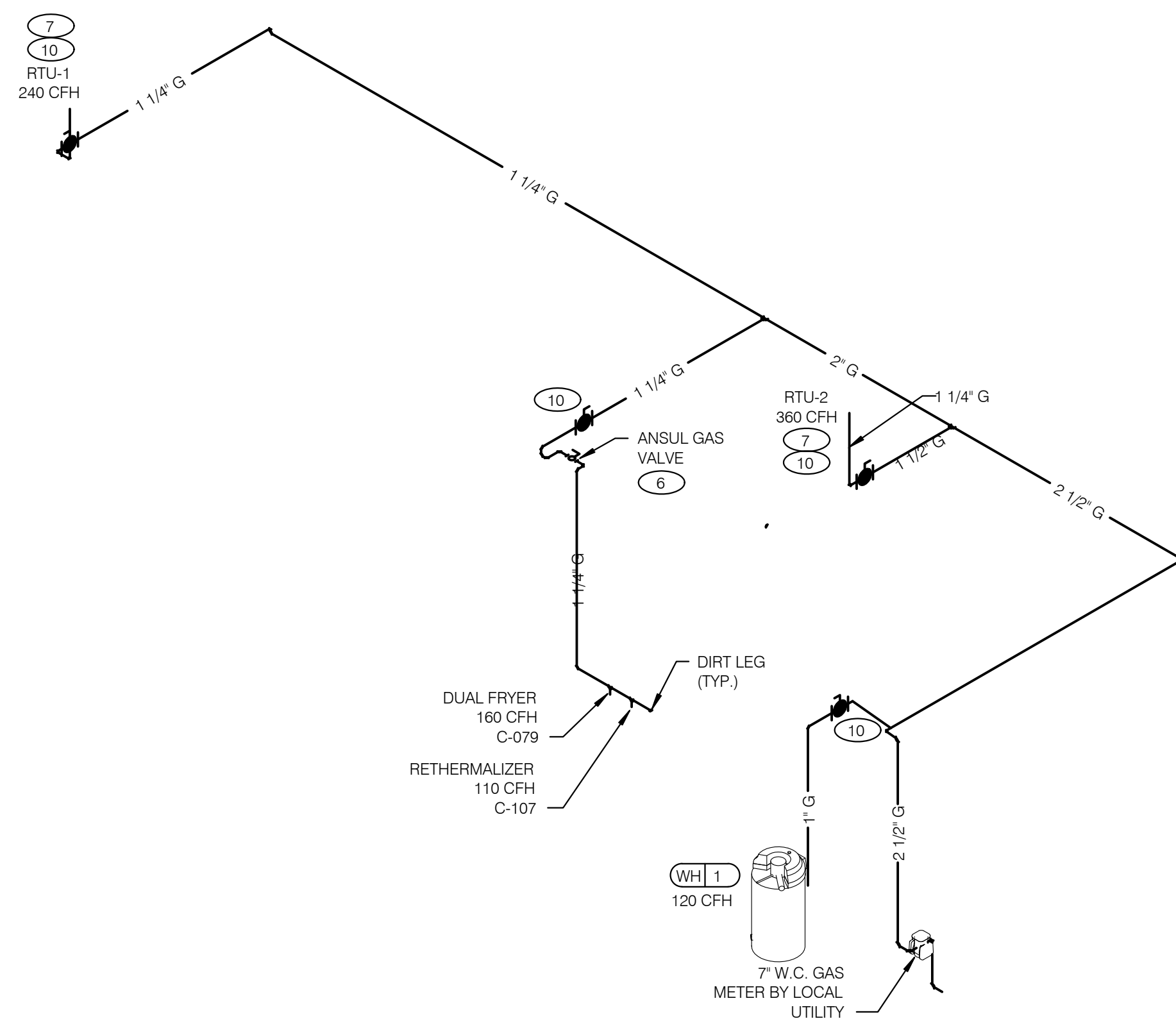
**WATER ISOMETRIC** NTS **4**



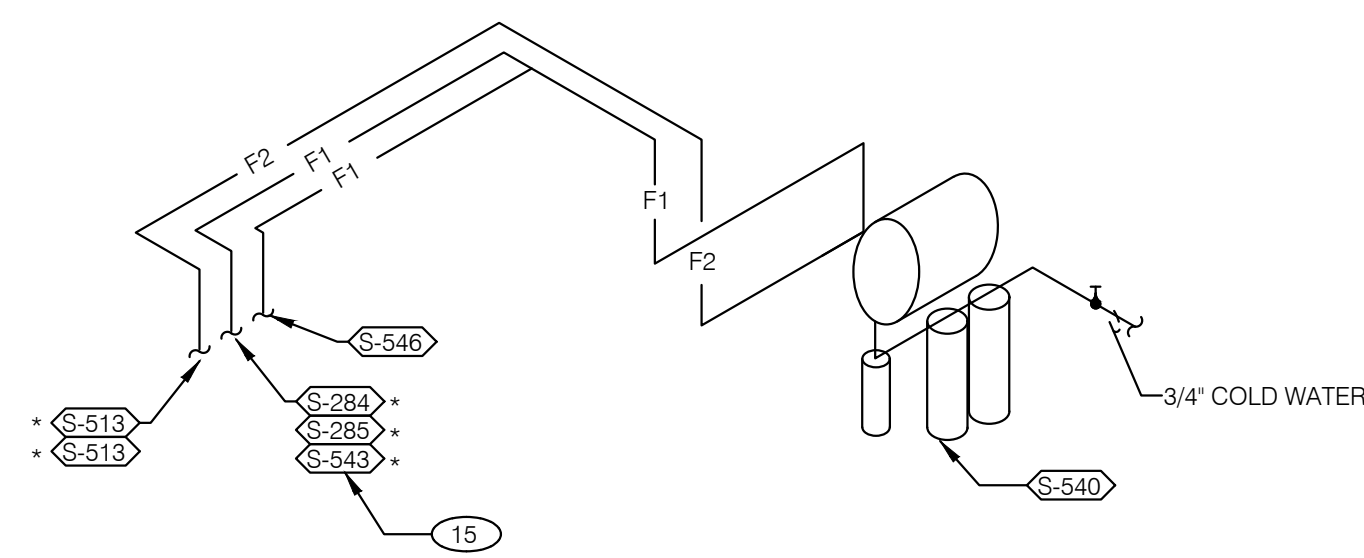
**WASTE AND VENT ISOMETRIC** NTS **1**

GAS DEMAND SCHEDULE	
RTU-1	240 CFH
RTU-2	360 CFH
WH-1	120 CFH
DUAL FRYER	160 CFH
REHERMALIZER	110 CFH
<b>TOTAL DEMAND</b>	<b>990.0 CFH = 990,000 BTUH</b>

NOTE:  
COORDINATE GAS DEMAND REQUIREMENTS WITH SITE-SPECIFIC RTU DESIGN.



**GAS ISOMETRIC** NTS **5**



FILTERED EQUIPMENT AND LINES:

S-540 - WATER FILTER

FILTERED LINE (COLD WATER)

- S-513 - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER \*
- S-513 - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER \*
- S-285 - DRIVE-THRU BEVERAGE DISPENSER \*
- S-284 - SELF-SERVE BEVERAGE DISPENSER \*
- S-546 - ICED TEA BREWER
- S-543 - FROZEN BEVERAGE DISPENSER

\* FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. REFER TO 11/P6.0. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

**FILTERED WATER ISOMETRIC** NTS **2**

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.
- 2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
- 3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 4 THERMOSTATIC MIXING VALVE.
- 5 REDUCED PRESSURE BACK-FLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. VERIFY LOCATIONS WITH CIVIL DRAWINGS.
- 6 EMERGENCY GAS SHUT-OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACTUATOR, SUITABLE FOR USE ON GAS PIPING SYSTEMS. VALVE SHALL BE ACTIVATED BY ANY OF THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT-OFF VALVE.
- 7 GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
- 8 PROVIDE NO HUB CAST IRON PIPE FOR FIRST 10 FEET OF PIPE FROM CONNECTION TO FLOOR SINK FS-2
- 9 PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN. RUN FULL SIZE PIPE FROM VALVE WITH TYPE 'K' COPPER TUBING.
- 10 PROVIDE GAS SHUT-OFF VALVE IN CEILING SPACE.
- 11 1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 12 1/2" COLD WATER CONNECT TO REVERSE OSMOSIS FILTER AND 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF ON CW PIPE PRIOR TO CONNECTION TO FILTER.
- 13 1/2" RO WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF M.A.P.S. LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.
- 14 1/2" COLD WATER TO HOT WATER SYSTEM FILTER.
- 15 TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.
- 16 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.

**KEYNOTES - ISOMETRICS** NTS **3**



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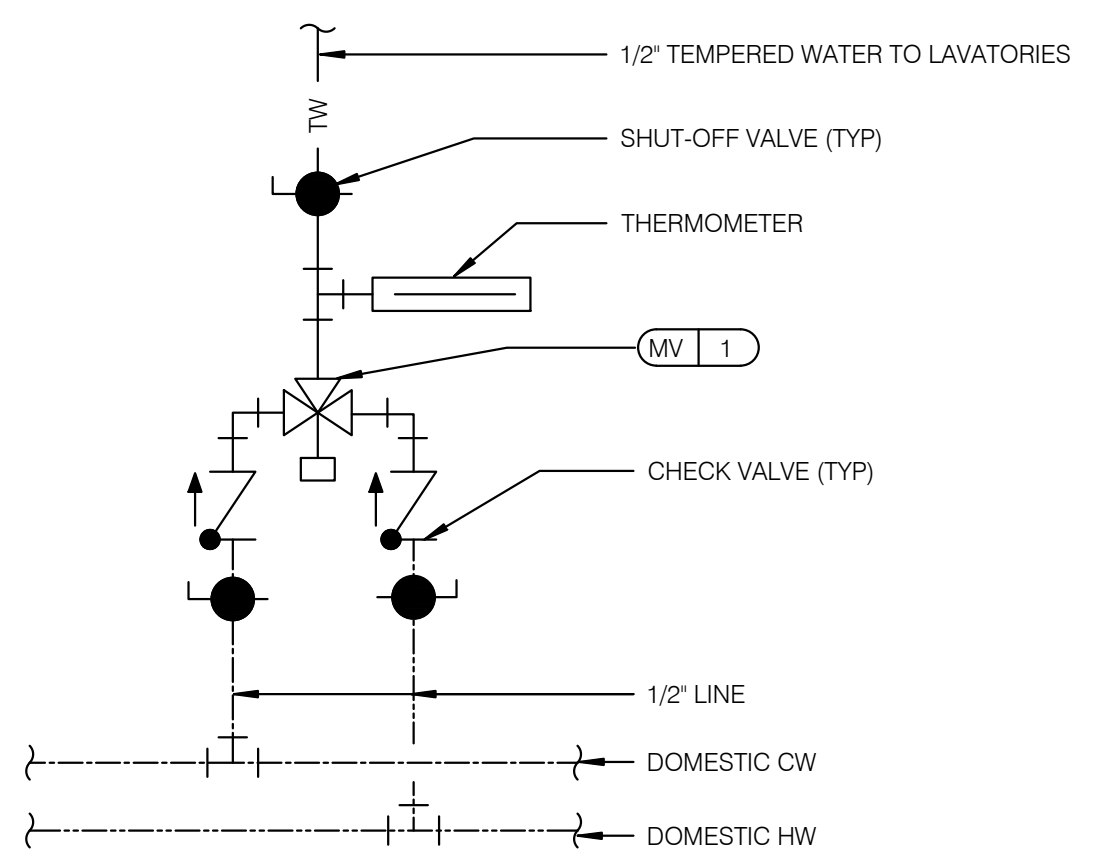
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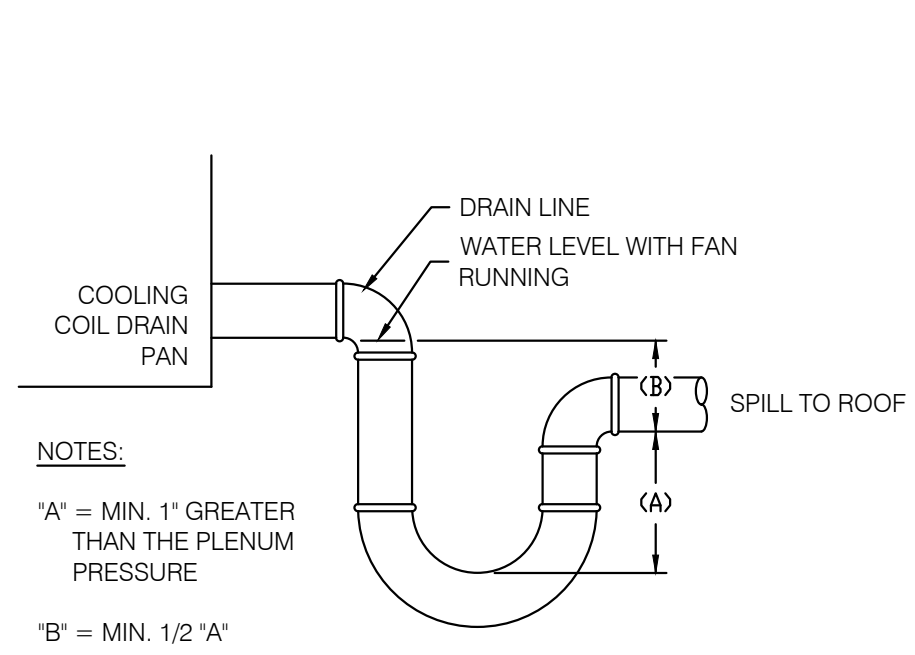
**ENDEAVOR 2.0 RISER DIAGRAMS**

**P5.0**

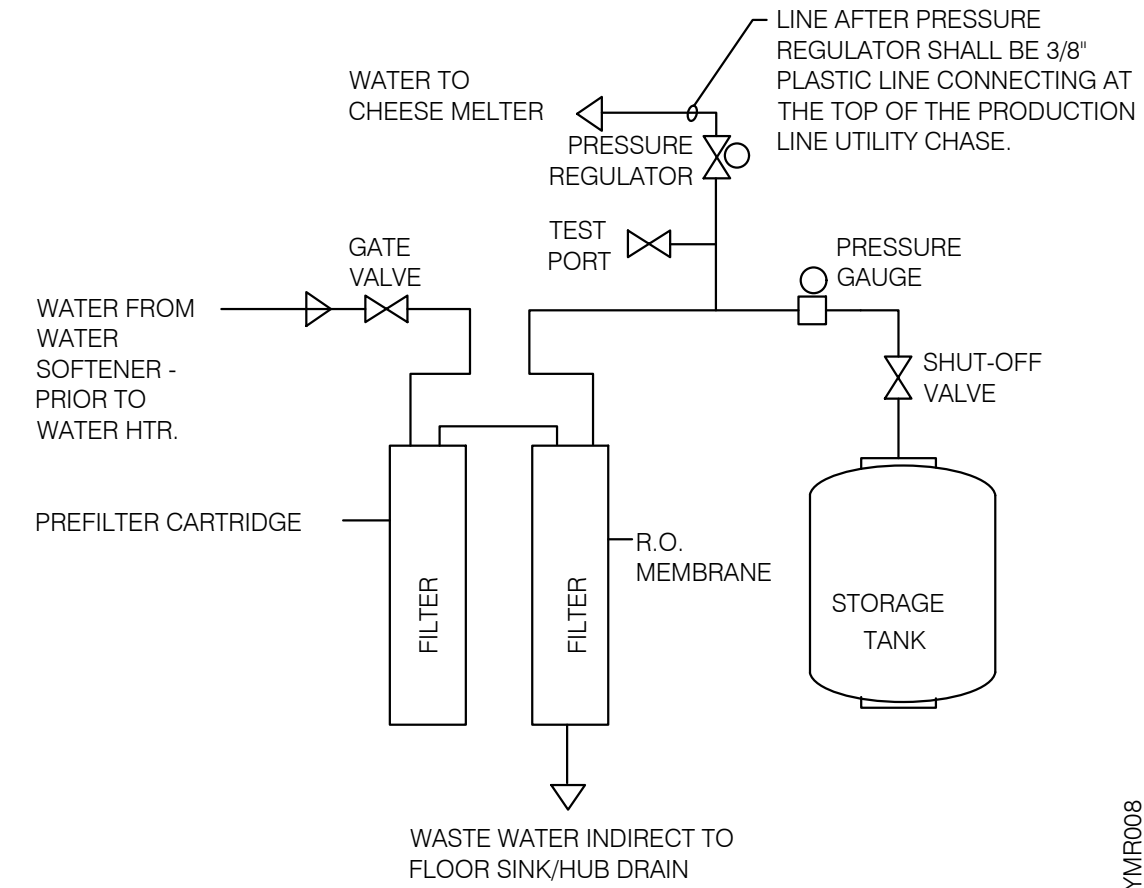
PLOT DATE: 6/23/2022



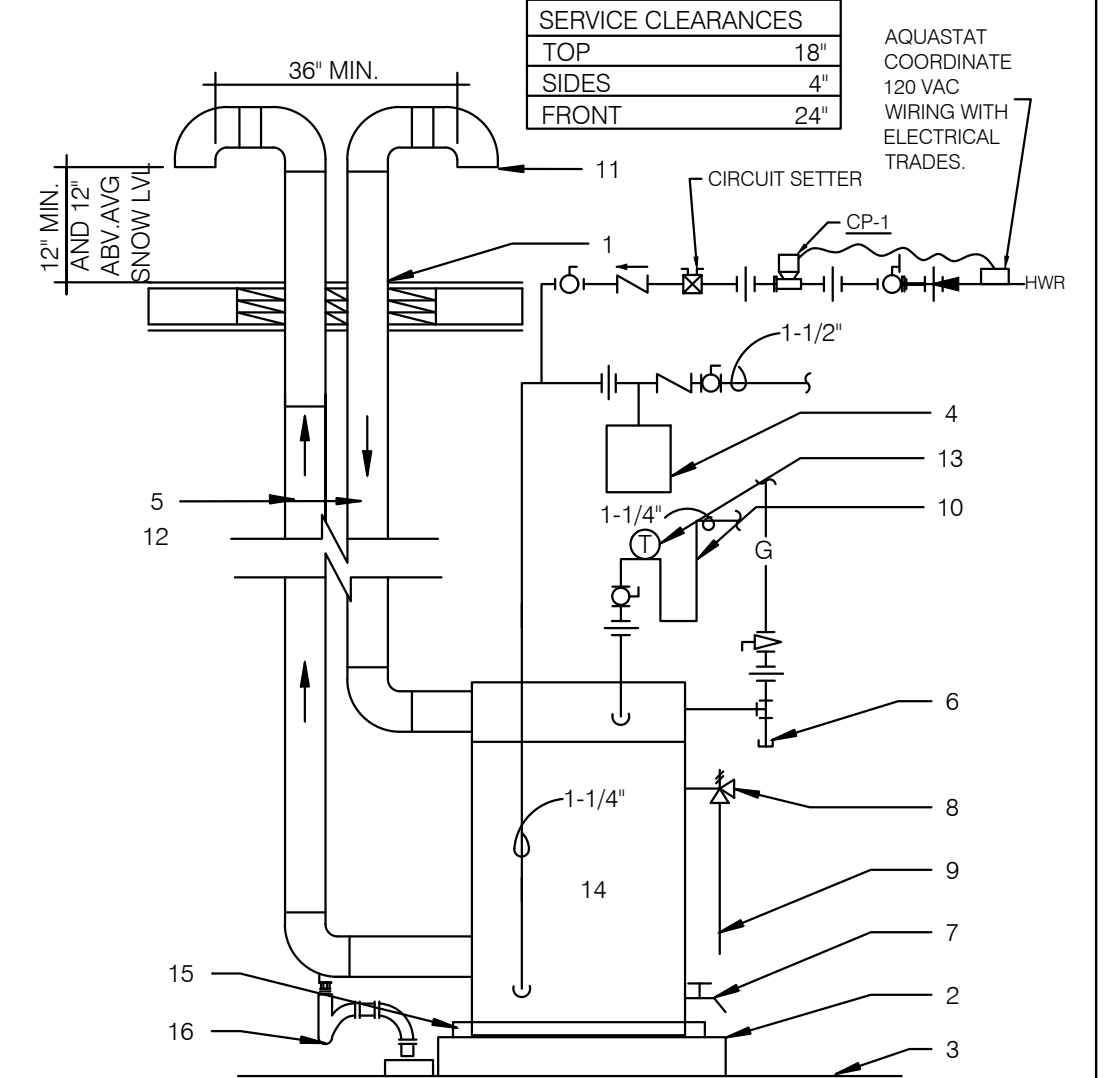
**TEMPERING VALVE** NTS **11**



**RTU CONDENSATE** NTS **10**

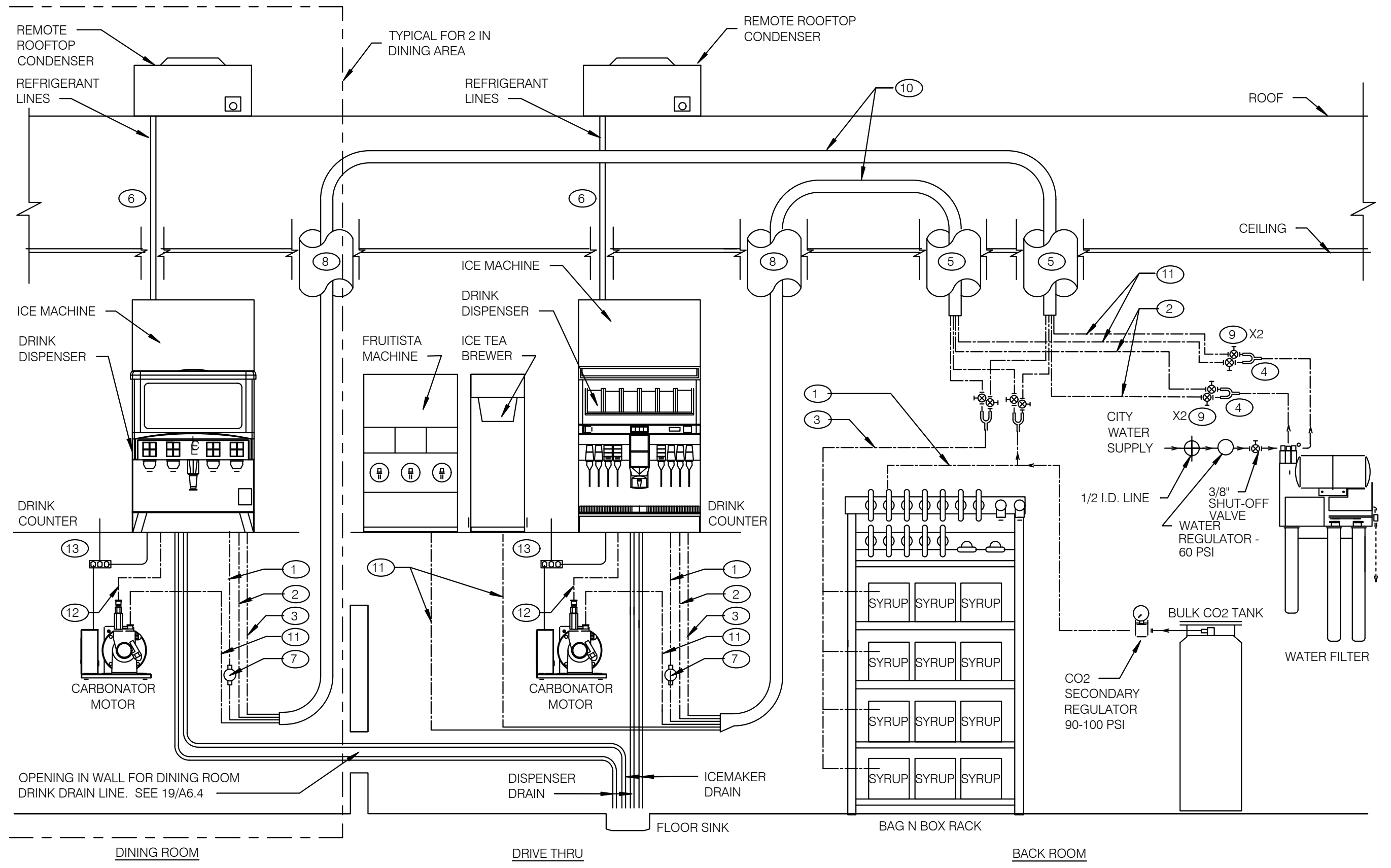


**REVERSE OSMOSIS SYSTEM** NTS **9**



- FLUE THRU ROOF
- 4" CONCRETE PAD
- FINISHED FLOOR
- THERMAL EXPANSION TANK BY WATTS - SEE PLUMBING SCHEDULE - STRAP AND SUPPORT TO WALL
- SCHEDULE 40 PVC, MINIMIZE TURNS AND TRANSITIONS.
- GAS COCK VALVE WITH FULL SIZE DIRT LEG
- 3/4" DRAIN WITH VALVE & CAP
- COMBINATION TEMPERATURE AND PRESSURE RELIEF PER LOCAL CODE
- RUN T&P DISCHARGE FULL SIZE TO HUB DRAIN
- 22" DEEP HEAT TRAP
- AIR INTAKE W/ INTERNAL INSECT SCREEN PROVIDED BY MFR.
- SUPPORT VENT PIPE RUNS EVERY 5'-0" VERTICALLY AND EVERY 3'-0" HORIZONTALLY.
- OUTLET THERMOMETER PROVIDED BY MFR. LOCATE WITHIN 12" OF W.H. OUTLET.
- SEE DETAIL 2/P6.1 FOR SCHEDULE OF ITEMS PROVIDED BY W.H. MFR.
- DRAIN PAN TO HUB DRAIN.
- P-TRAP AND LINE TO DRAIN PROVIDED BY MANUFACTURER. LEAVE AIR GAP BETWEEN BOTTOM OF TRAP AND DRAIN. SEE DETAIL 4/P2.0

**WATER HEATER** NTS **2**



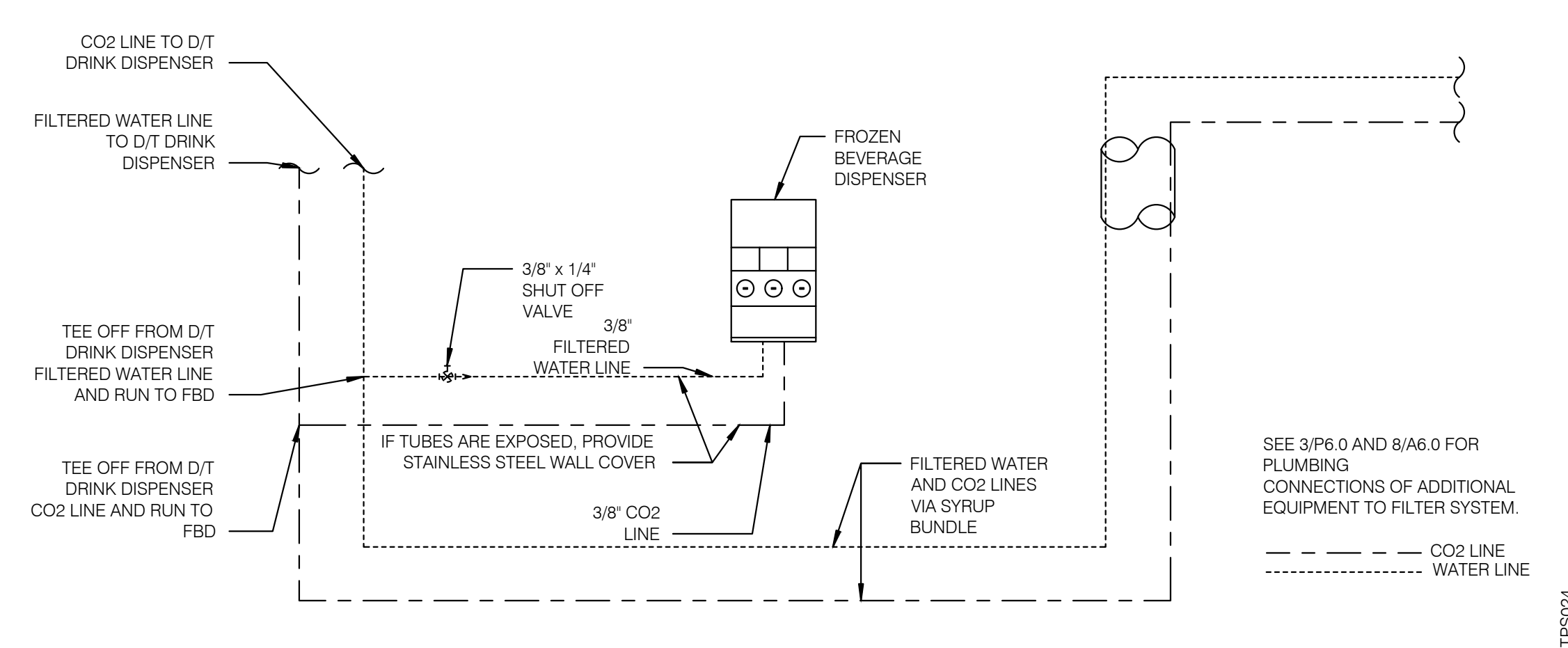
- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
  - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
  - ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
  - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
  - FILTER SHALL BE PROTECTED AGAINST FREEZING.
  - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
  - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
  - SEE EQUIPMENT PLAN FOR LOCATION.
  - SEE DETAIL 3 THIS SHEET FOR BUNDLE DETAILS
  - \*\*Y\* FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
  - BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.

THERE ARE TWO SELF-SERVE DRINK/ICE SYSTEMS WHICH SHARE A COMMON FLOOR SINK WITH THE D/T DRINK/ICE SYSTEM.

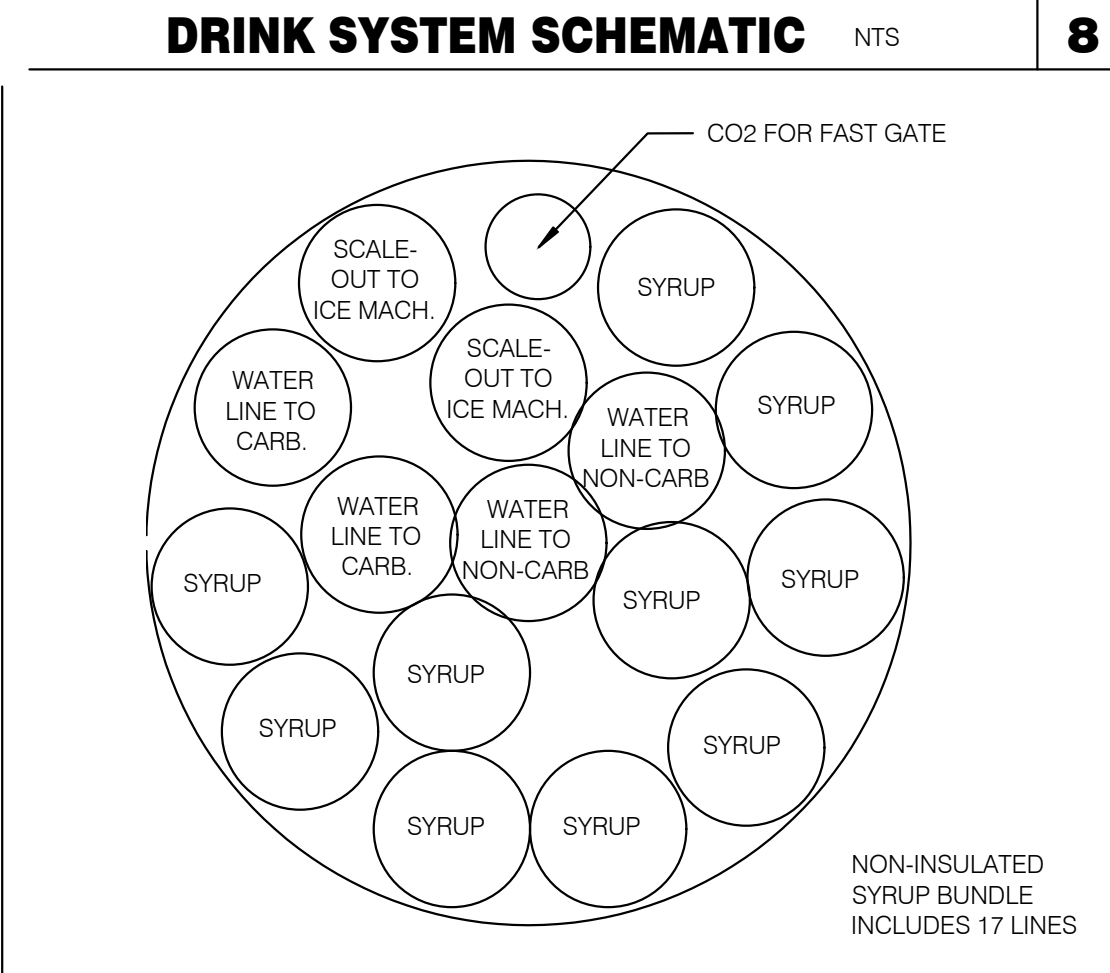
INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

EQUIPMENT RATING:  
 ED250 DISPENSER - 115V, 3.5 AMPS  
 ED300 DISPENSER - 115V, 4.0 AMPS  
 CARBONATOR - 115V, 60 Hz, 7.0 AMPS  
 BOOSTER ASSEMBLY - 115V, 60 Hz, 6.5 AMPS

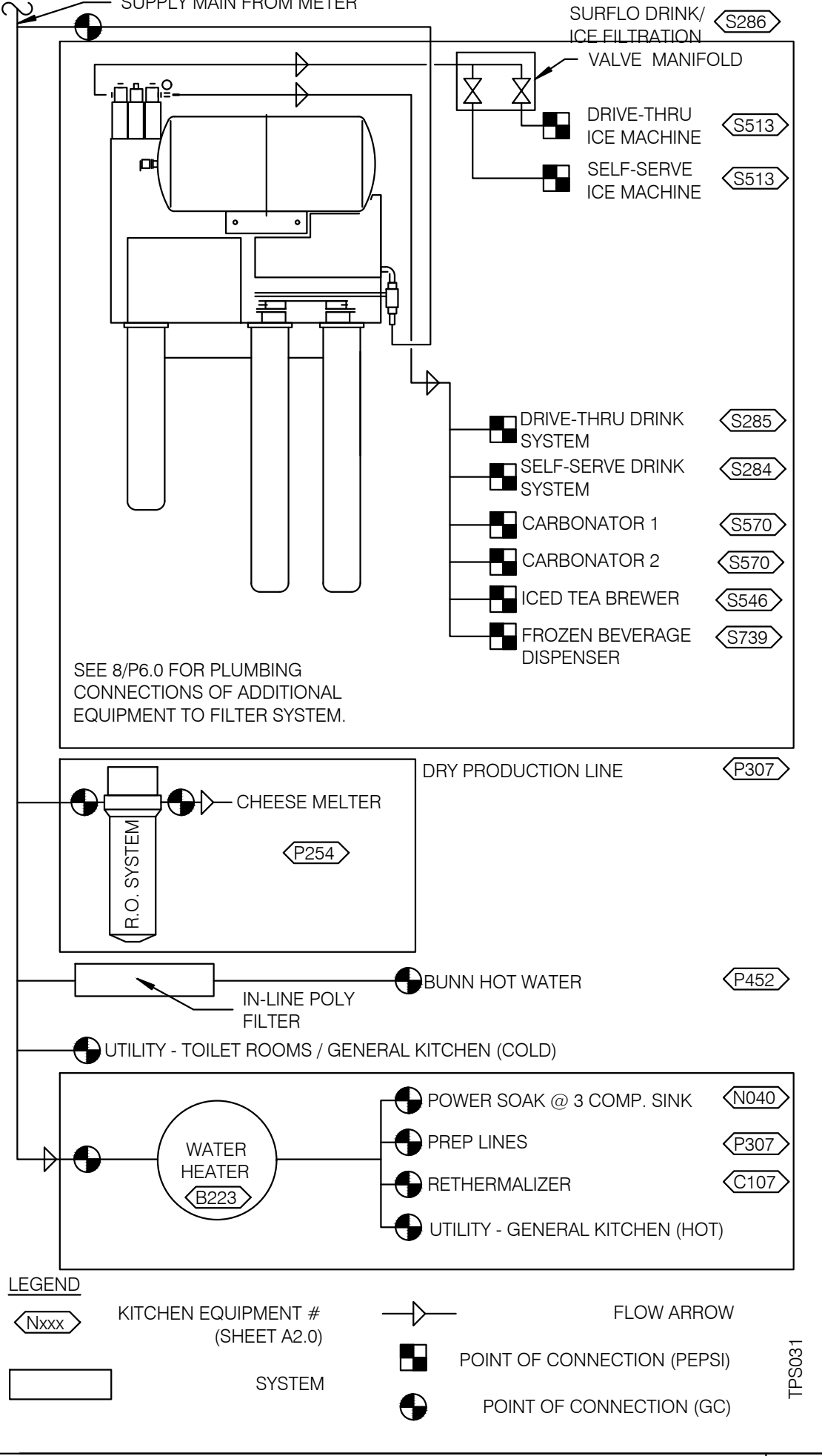
- KEY NOTES:**
- 1 3/8" CO<sub>2</sub> LINE
  - 2 3/8" FILTERED WATER LINE - ICE MACHINES
  - 3 3/8" SYRUP LINES
  - 4 1/2" X 3/8" X 3/8" Y\*
  - 5 BUNDLED TUBING CEILING PENETRATION.
  - 6 STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
  - 7 PRE-SET CO<sub>2</sub> REGULATOR
  - 8 RECESSED 4" DIA. PVC VERTICAL CHASE FOR DRINK SYSTEM BUNDLED TUBING SYSTEM.
  - 9 3/8" SHUT OFF VALVES BARB FITTINGS
  - 10 DRINK SYSTEM BUNDLED TUBING. SEE DETAIL 6/P6.0
  - 11 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA & DRINK MACHINES
  - 12 3/8" LINE FOR PRESSURIZE FILTERED WATER
  - 13 ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0



**FBD DRINK SYSTEM DETAIL** NTS **7**

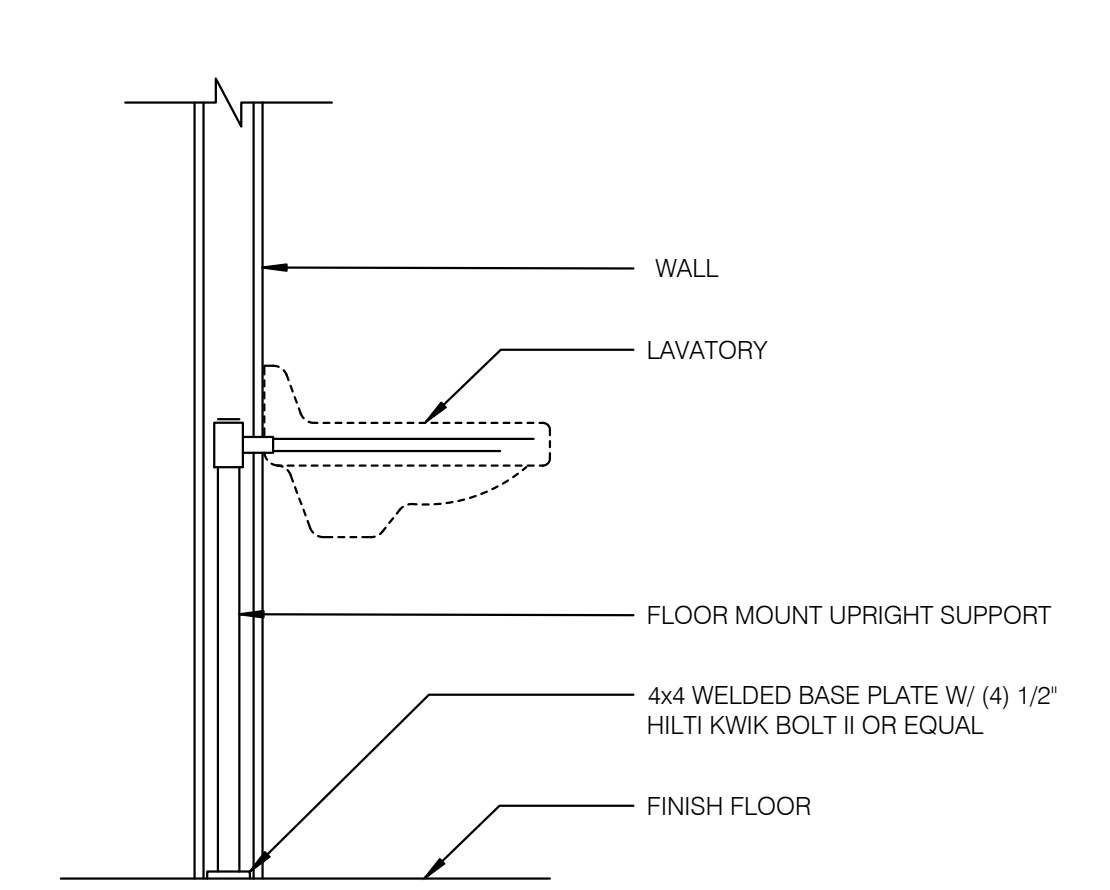


**SYRUP BUNDLE CONFIGURATION** NTS **6**

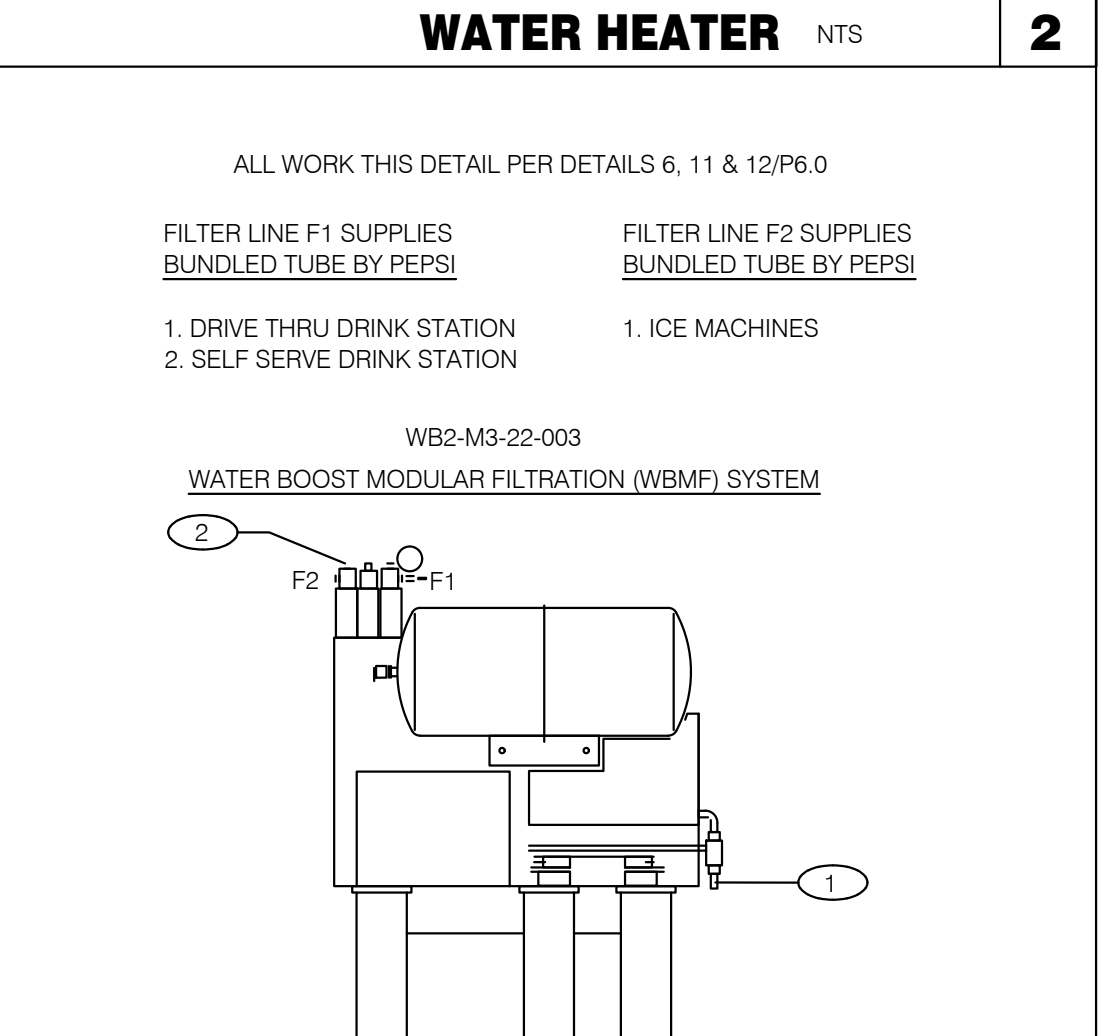


**WATER FILTRATION SCHEMATIC** NTS **3**

- LEGEND**
- KITCHEN EQUIPMENT # (SHEET A2.0)
  - SYSTEM
  - FLOW ARROW
  - POINT OF CONNECTION (PEPSI)
  - POINT OF CONNECTION (GC)



**LAVATORY SUPPORT** NTS **5**



**WATER FILTER SYSTEM** NTS **1**

- KEY NOTES:**
- 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
  - 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.
- GENERAL NOTES:**
- OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
  - SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
  - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
  - THE UNIT SHALL BE PROTECTED AGAINST FREEZING.
  - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
  - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
  - SEE SHT. A2.0 FOR LOCATION.

**WATER FILTER SYSTEM** NTS **1**



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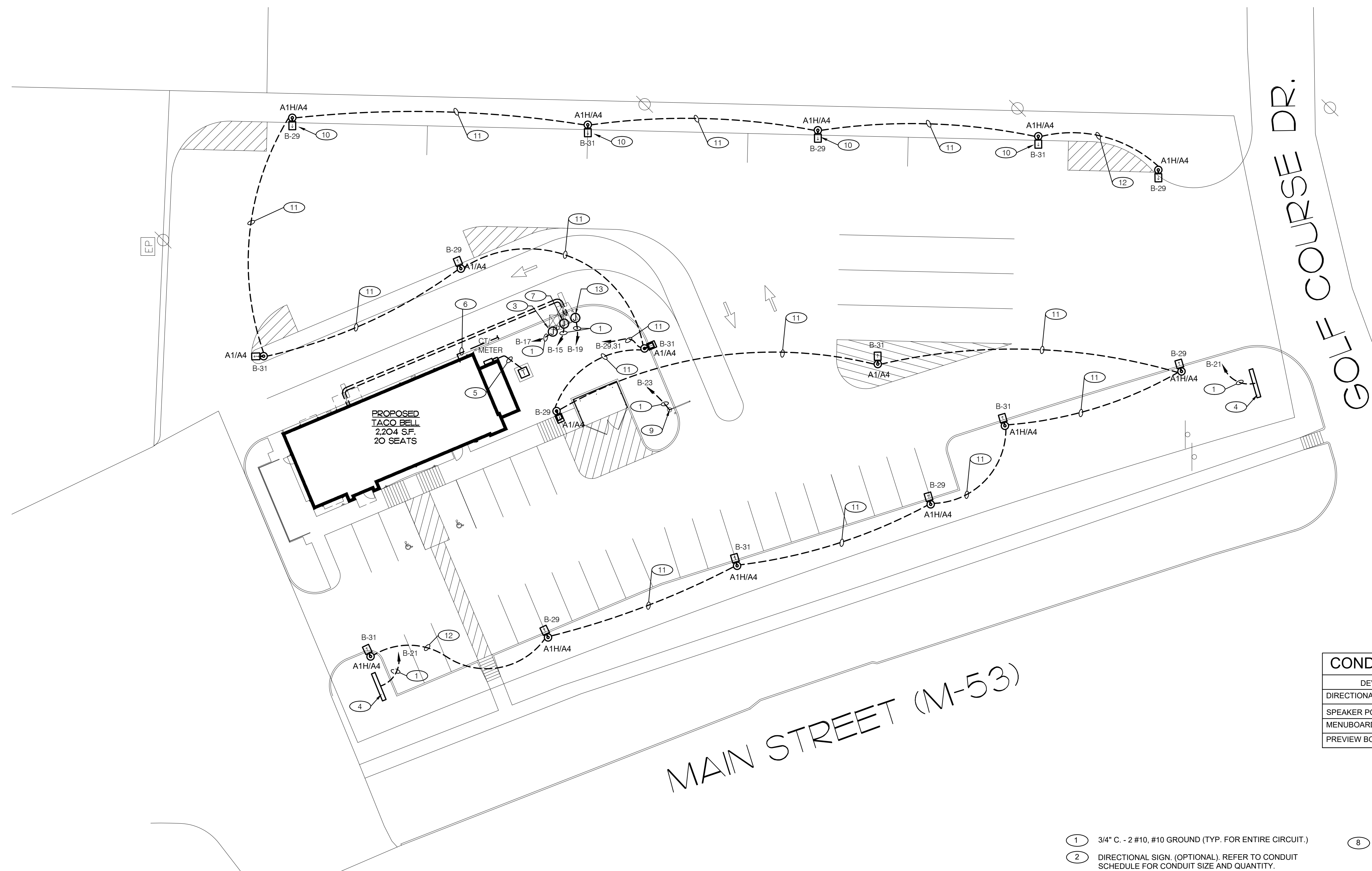
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**ENDEAVOR 2.0 PLUMBING DETAILS**

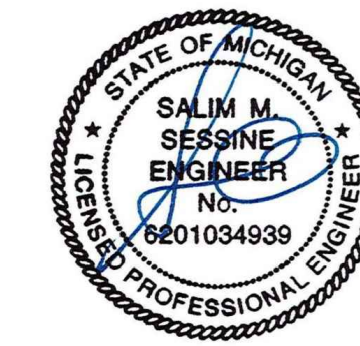
**P6.0**

PLOT DATE: 6/23/2022



CONDUIT SCHEDULE		
DEVICE	POWER	DATA
DIRECTIONAL	(1) 3/4"	-
SPEAKER POST	(1) 1"	(1) 1"
MENUBOARD	(1) 1"	(2) 1"
PREVIEW BOARD (OPTIONAL)	(1) 1"	(2) 1"

- 1 3/4" C. - 2 #10, #10 GROUND (TYP. FOR ENTIRE CIRCUIT.)
- 2 DIRECTIONAL SIGN. (OPTIONAL). REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.
- 3 DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. REFER TO DETAILS 2&10/C1.0.
- 4 LED SITE SIGN.
- 5 UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- 6 PROVIDE SEPARATE 2" TELEPHONE AND CABLE CONDUITS TO CONNECTION ON SITE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- 7 SPEAKER POST. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.
- 8 FUTURE PREVIEW BOARD (OPTIONAL). REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.
- 9 CLEARANCE BAR. REFER TO DETAILS 2 & 3/C1.1.
- 10 LED SITE LIGHTING. REFER TO DETAIL 12/C1.1.
- 11 1" C. - 3 #8, #8 GROUND.
- 12 3/4" C. - 2 #8, #8 GROUND.
- 13 PROVIDE CONNECTION TO ORDER CANOPY. REFER TO DETAIL 4/E7.0



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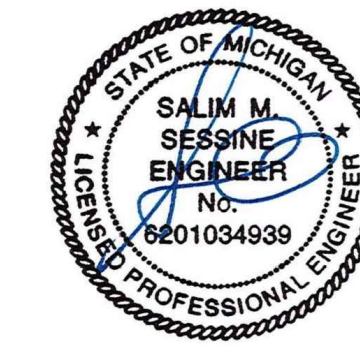


**ENDEAVOR 2.0 SITE ELECTRICAL PLAN**

**E1.0**

PLOT DATE: 6/23/2022

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JOB NO.:

**GREAT LAKES TACO, LLC**

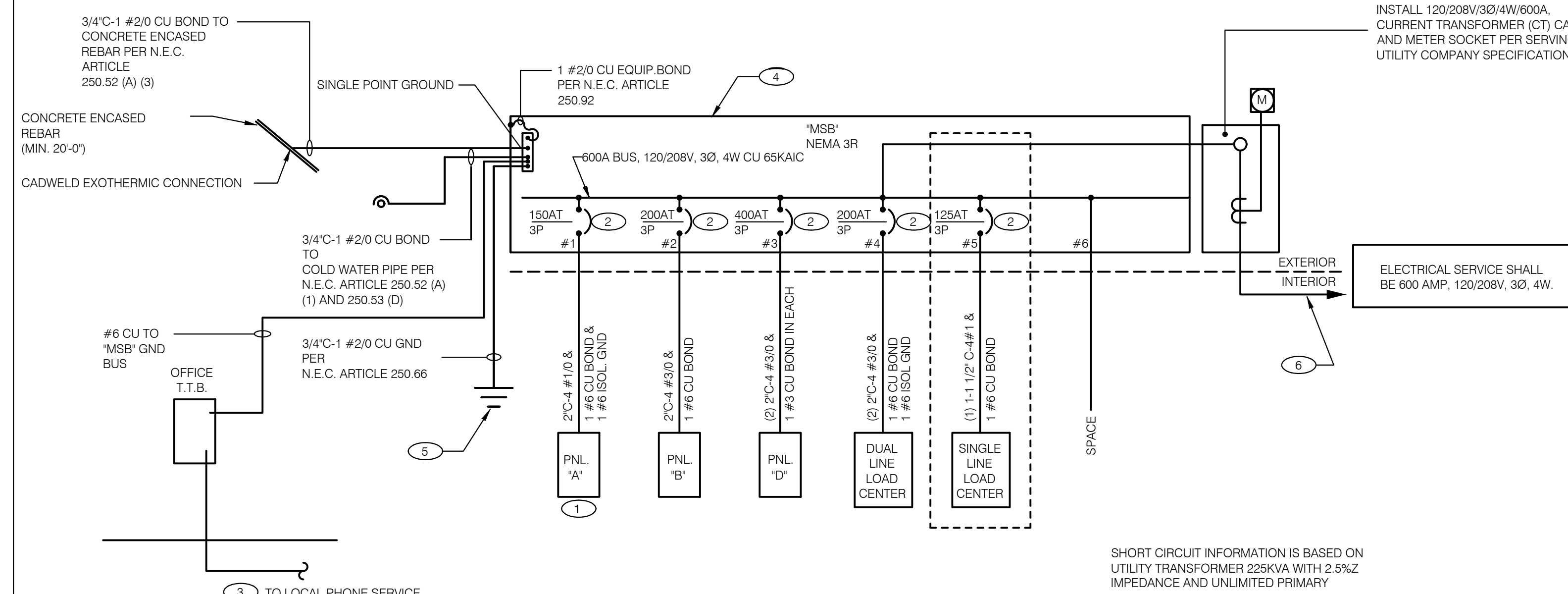
2717 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND**

**E2.0**

PLOT DATE: 6/23/2022



**SINGLE LINE DIAGRAM** NTS

**A**

	2X4 FLUORESCENT FIXTURE	NL	NIGHTLIGHT		FUSIBLE DISCONNECT SWITCH WITH STARTER
	2X4 FLUORESCENT FIXTURE WITH BATTERY PACK		CEILING MOUNTED SPEAKER		FUSIBLE DISCONNECT SWITCH
	1X4 FLUORESCENT FIXTURE		WALL MOUNTED SPEAKER		NON-FUSIBLE DISCONNECT SWITCH
	1X4 FLUORESCENT FIXTURE WITH BATTERY PACK		JUNCTION BOX		PHOTOCELL
	DOWNLIGHT FIXTURE		WALL MOUNTED JUNCTION BOX		RAIN SENSOR
	SUSPENDED DOWNLIGHT FIXTURE		TELEPHONE OUTLET		FLUORESCENT WALL MOUNT FIXTURE
	PENDANT MOUNTED LIGHT FIXTURE		DEDICATED GROUNDED OUTLET		EMERGENCY LIGHT
	TRACK MOUNTED PENDANT LIGHT FIXTURE		DUPLEX GROUNDED OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH
	DIRECTIONAL FIXTURE, TRACK MOUNTED		DOUBLE DUPLEX GROUNDED OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	DIRECTIONAL FIXTURE, TRACK MOUNTED TO UNDERSIDE OF INTERIOR CANOPY		GROUND FAULT DUPLEX OUTLET		WALL MOUNTED OCCUPANCY SENSOR
	COOLER FIXTURE		GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED		RELAY
	EXIT SIGN (WALL MOUNTED)		GROUND FAULT DEDICATED OUTLET		SMOKE DETECTOR
	EXIT SIGN (CEILING MOUNTED)		CEILING DUPLEX OUTLET		EXTERIOR WALL FIXTURE
	SECURITY STROBE		DUPLEX ISOLATED GROUND OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
			DOUBLE DUPLEX ISOLATED GROUND OUTLET		WEATHERPROOF GROUND FAULT
			DEDICATED ISOLATED GROUND		
			SPECIAL PURPOSE OUTLET		
			CEILING SPECIAL PURPOSE OUTLET		
			ELECTRICAL PANEL - SEE SHEET E2.1 FOR PANEL SCHED.		
			HOLD UP EMERGENCY BUTTON		
			ELECTRICAL MOTOR		
			DUCT MOUNTED SMOKE DETECTOR		
			CONNECTION TO EQUIPMENT		

**ELECTRICAL LEGEND** NTS

**D**

**ONE LINE DIAGRAM GENERAL NOTES** NTS

**C**

- THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTION PANEL AND THE DOWNSTREAM 10K A.I.C. RATED CIRCUIT BREAKERS AT PANELS "A", "B" DUAL-LINE EQUIPMENT CABINET BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE AND DOWNSTREAM 22K A.I.C. RATED CIRCUIT BREAKERS AT PANEL "D."
- THE NFPA-70 SIX SWITCH MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.
- SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
- IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.
- COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY. THE LOCAL ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.
- ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
- ARMOR CABLE ACCEPTABLE FOR THE LAST 6'-0" FROM A JUNCTION BOX TO LIGHT FIXTURES. ARMOR CABLE IS NOT ALLOWED FOR NON-ACCESSIBLE FLOORS, WALLS AND CEILINGS.

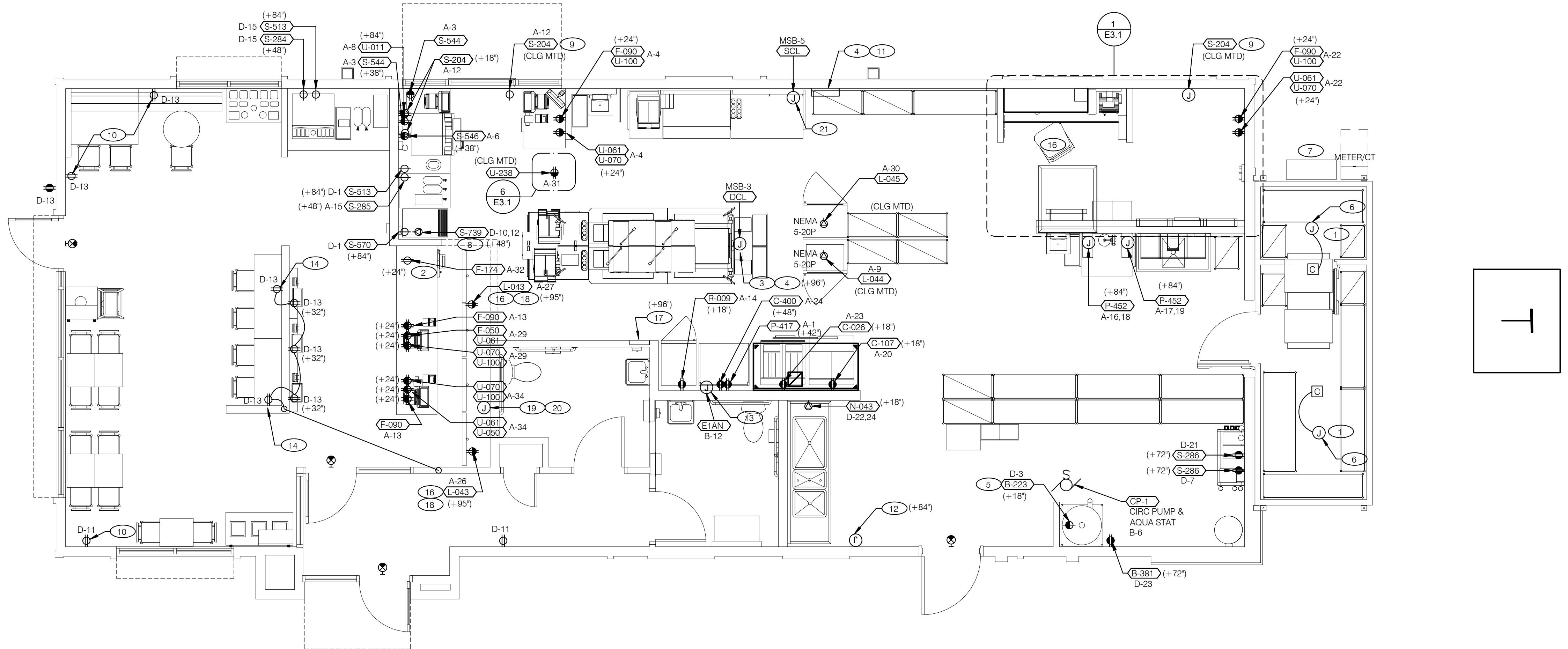
- WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.
- 6 BUILDING MAIN DISCONNECTS FOR THIS SERVICE: (MAXIMUM 6 MAINS PER N.E.C.) LABEL EACH MAIN BREAKER AS INDICATED:  
 "MAIN 1 OF 6" (ENGRAVED LETTERS 3/4" HIGH, TYP.)  
 "MAIN 2 OF 6"  
 "MAIN 3 OF 6"  
 "MAIN 4 OF 6"  
 "MAIN 5 OF 6"  
 "MAIN 6 OF 6"
- PROVIDE 2" CONDUIT STUBBED INTO BULDING FROM LATERAL POLE FOR TELEPHONE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.
- 3/5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250
- PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL IN EACH OF (2) 3". TO PAD MOUNT TRANSFORMER. GC/ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500 KCMIL IN EACH (2) 3-1/3".

**ONE LINE DIAGRAM KEY NOTES** NTS

**B**

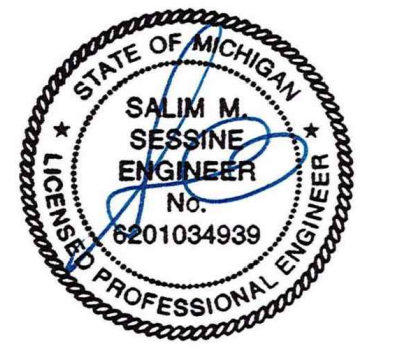






**NOTE**

5mA GFCI BREAKERS MUST BE USED WHERE OUTLETS REQUIRING GFCI PROTECTION ARE NOT ACCESSIBLE FOR COMPLIANCE WITH NEC 210.8. WHERE GFCI PROTECTION AND SHUNT TRIP IS REQUIRED, THE CIRCUIT SHALL HAVE A GFCI BREAKER AND PASS THROUGH THE TBANS PANEL REFER TO DETAILS IN E7.0 AND E7.1.



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PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

CONTRACT DATE:  
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER:  
 STORE NUMBER:  
 PA/PM:  
 DRAWN BY.:  
 JOB NO.:

**GREAT LAKES TACO, LLC**  
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 Marlette, Michigan 48453



**ENDEAVOR 2.0 ELECTRICAL POWER PLAN**

**E3.0**

PLOT DATE: 6/23/2022

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GENERAL NOTES - ELECTRICAL POWER PLAN		KEY NOTES - ELECTRICAL POWER PLAN	
NTS		NTS	
A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.	J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.	1 REFER TO ROOF PLAN.	10 PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.
B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.	K. PER SECTION 210.8(B)(2) NEC 2017, ALL 15 AND 20A, 120V AND 50A OR LESS AND 208V SINGLE AND 3 PHASE 100A OR LESS RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES	2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REAR WALL.	11 VERIFY PANEL LOCATION OF COOK LINE WITH TACO BELL CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.	L. DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.	3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.	12 PROVIDE J-BOX FOR POWER SOAK INDICATOR LIGHT. (OPTIONAL)
D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.	M. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.	4 EQUIPMENT CABINET.	13 VERIFY LOCATION OF JUNCTION BOX WITH CONSTRUCTION MANAGER.
E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.	N. E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".	5 LOCATED INSIDE SHELL OF HEATER.	14 E.C. SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE WITH (2) USB POWER PORTS IN SINGLE-GANG BOX PROVIDED WITH TABLE, AT EACH END OF THE TABLE. PROVIDE GALVANIZED COVER PLATE TO MATCH BOX.
F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.	O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.	6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.	15 NOT USED
G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURERS SHOP DRAWINGS.	P. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.	7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.	16 QUAD RECEPTACLE FOR FUTURE DIGITAL MENUBOARD. TYPICAL OF 2.
H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.	Q. FOR ALL CIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL PROVIDE CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.	8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.	17 2-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. MOUNT CENTER OF BOX AT 48" A.F.F.. REFER TO E7.0.
I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.	R. OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.	9 CEILING MOUNTED FOR WALL MOUNTED HME. SEE 6/E3.1	18 EC / GC TO INSTALL A TOTAL OF (2) QUAD OUTLETS IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE ON AN ISOLATED/DEDICATED GROUNDED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM.
S. CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.		19 EC / GC TO INSTALL (1) OPEN DATA JUNCTION BOX (JB) IN VALANCE WALL. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.	
		20 EC / GC TO RUN (3) ORANGE CAT 6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.	
		21 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 125 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.	



THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:  
 \* AS A SAFETY PATH TO GROUND.  
 \* AS A ZERO REFERENCE POINT FOR ALL POS DIGITAL LOGIC.

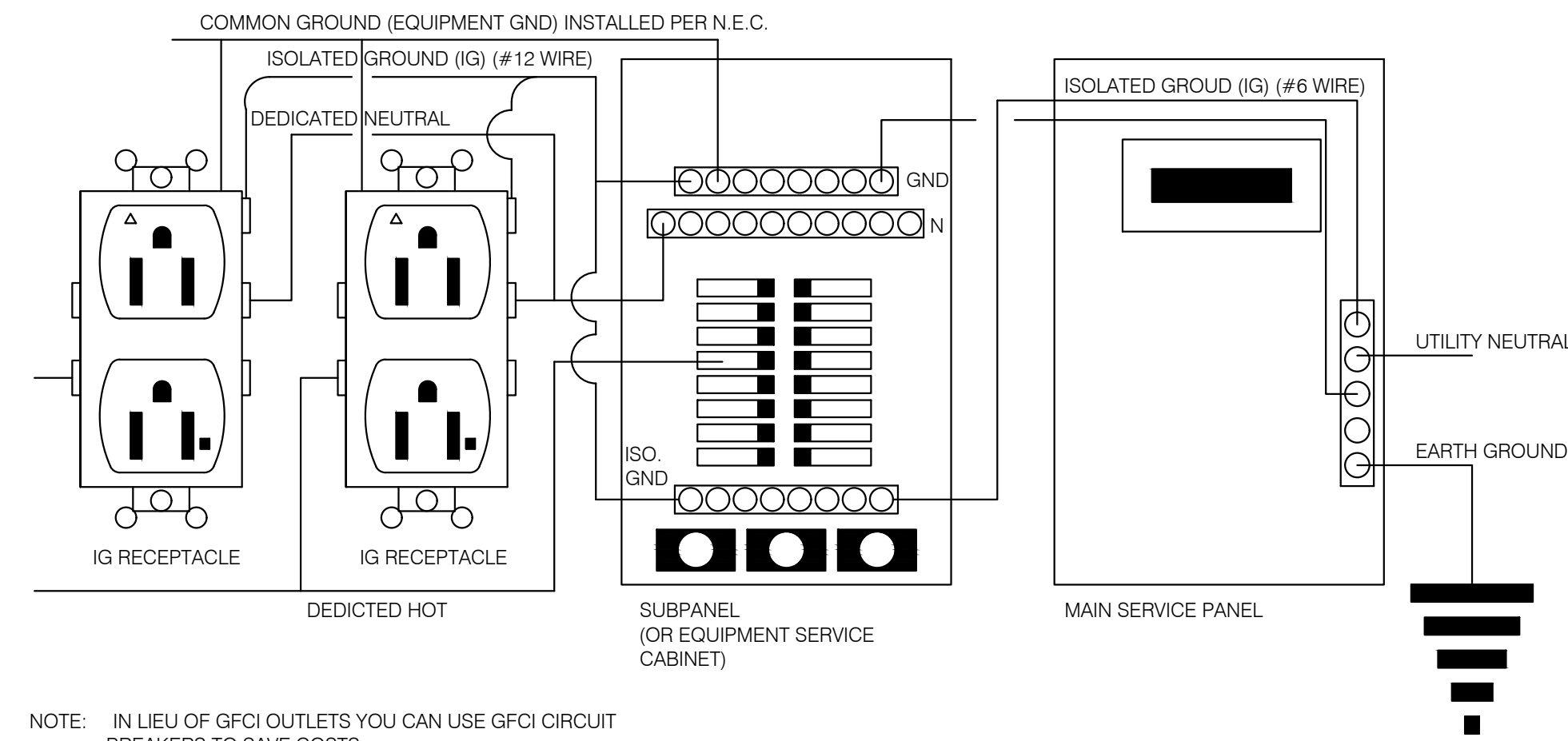
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

- \* USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- \* RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- \* INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- \* CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- \* VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A TRUE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL.

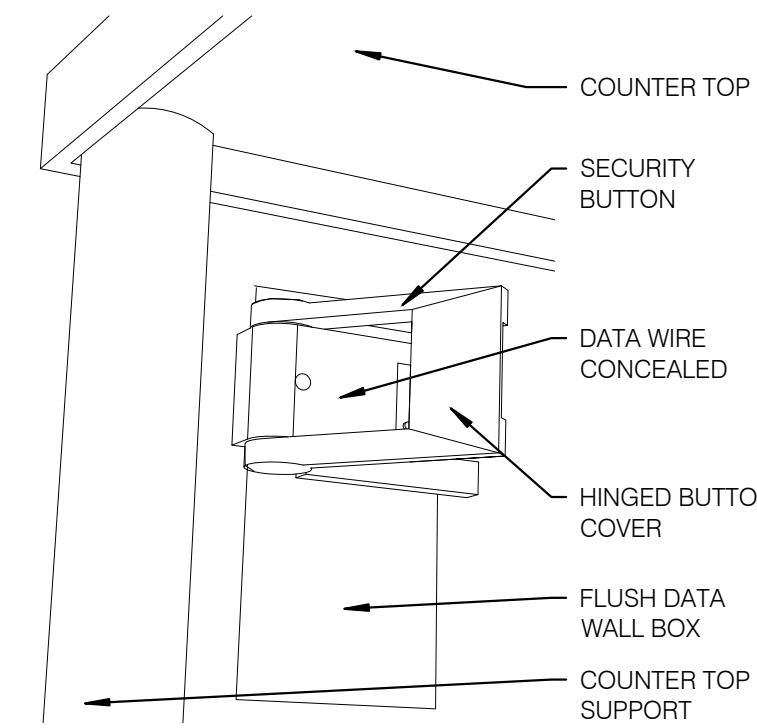
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE PHASE ALIGNED WITH THE 'B' PHASE OF BUILDING SUBPANEL 'A'.

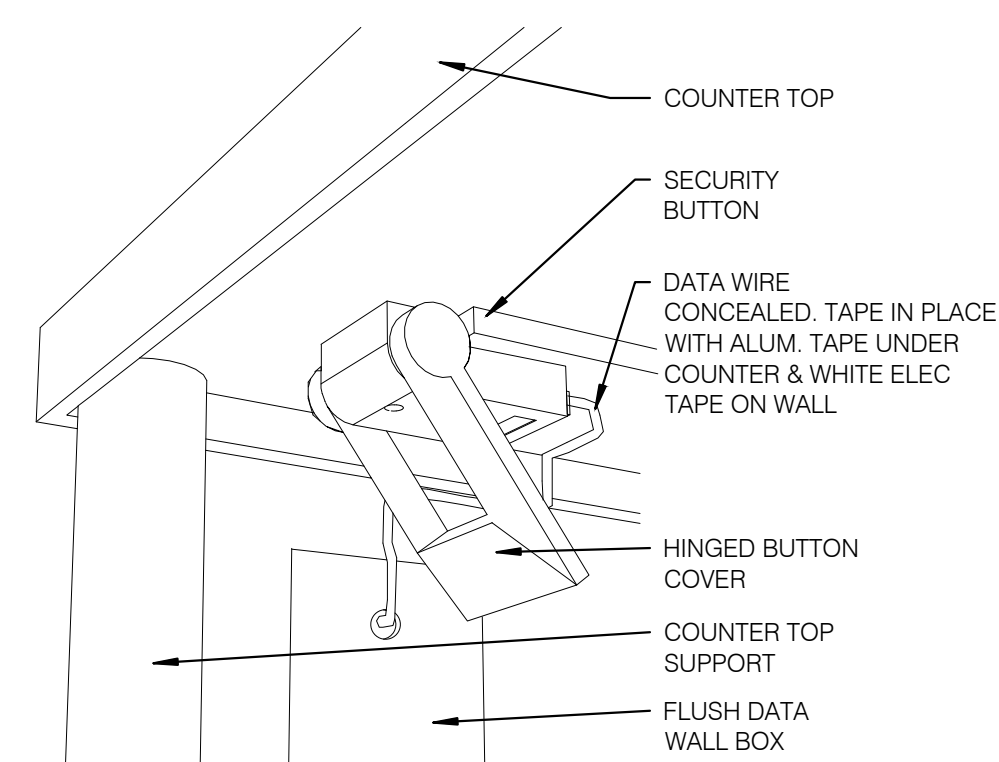


NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS

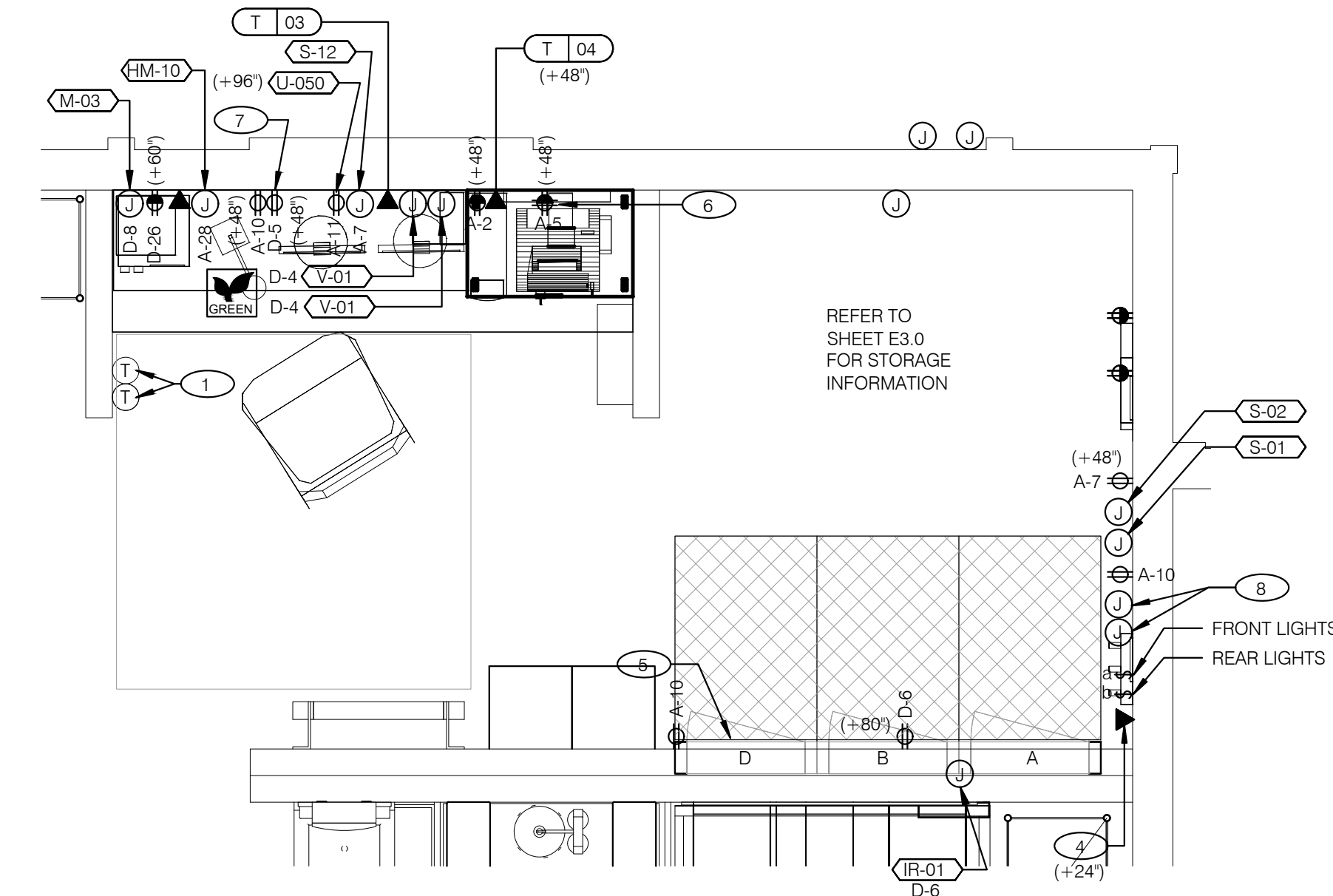
**P.O.S. ISOLATED GROUND SYSTEM** NTS **6**



**SECURITY BUTTON ON WALL** NTS **3**



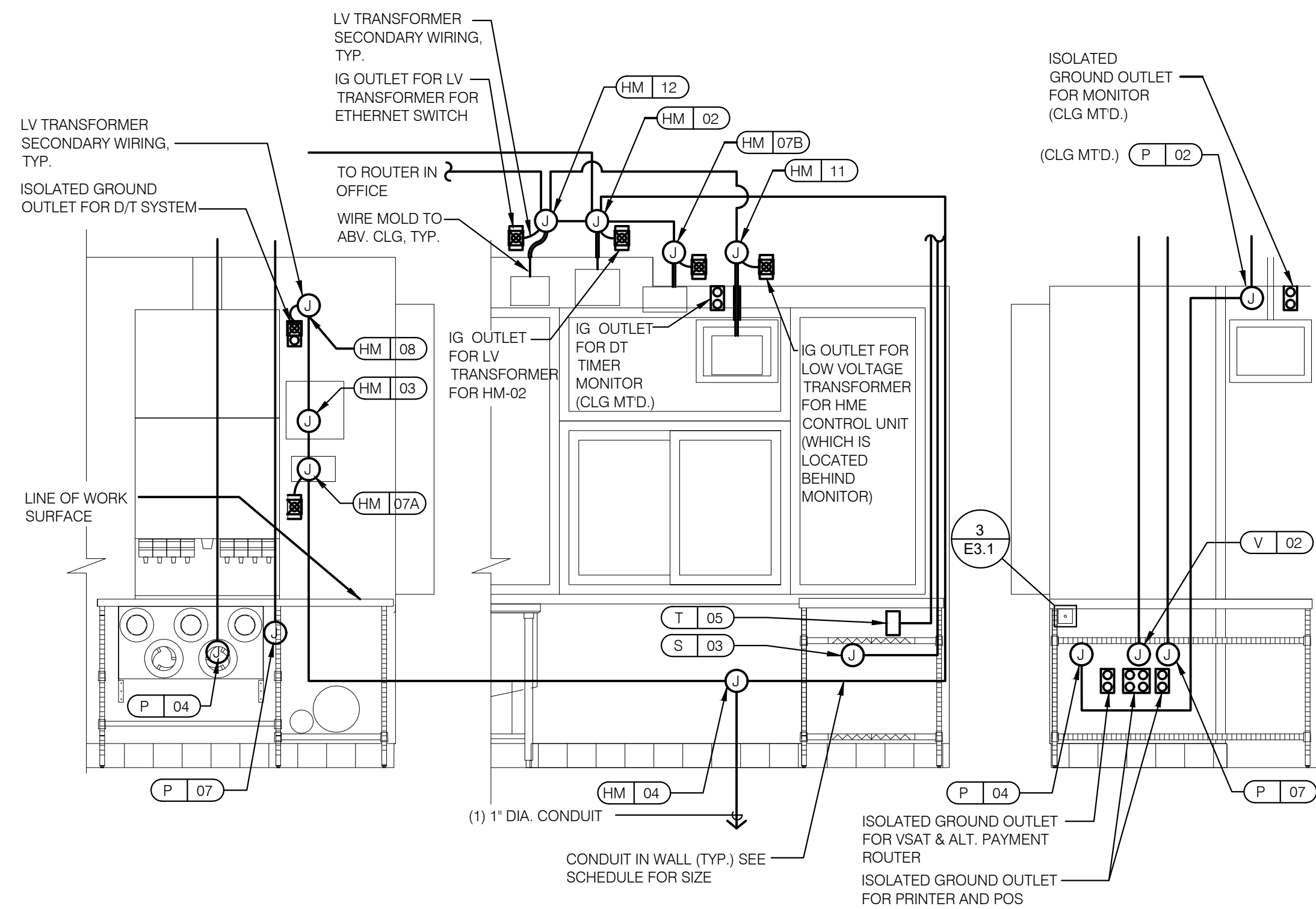
**SECURITY BUTTON UNDER COUNTER** NTS **4**



**ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE)** 1/2" = 1'-0" **1**

**NOTE**  
 TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR CALL 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0

- 1 THERMOSTATS CONTROLS.
- 2 DISPLAY UNIT FOR HM-02.
- 3 DUAL-OUTPUT DETECTOR FOR HM-02.
- 4 PHONE JACK FOR MODEM.
- 5 LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN THE FIELD. CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT IN OCCUPANCY SENSOR FOR MANAGERS OFFICE.
- 6 DATA JACK FOR TECH-IN-A-BOX WITH 2 PORTS.
- 7 ROUTE CIRCUIT THROUGH TBCCB OCCUPANCY SENSOR FOR CONTROLLED RECEPTACLE.
- 8 PROVIDE BACK-BOX AND CONDUIT WITH PULLSTRING FOR REMOTE TEST STATIONS PROVIDED BY MECHANICAL. COORDINATE REQUIREMENTS WITH MECHANICAL.



REFER TO COMMUNICATIONS SCHEDULE ON SHEET E3.0 FOR EQUIPMENT DESCRIPTIONS AND MOUNTING INFO

**ENLARGED INTERIOR ELEVATION (D/T WINDOW)** NTS **7**

**KEY NOTES - ELECTRICAL ENLARGED DETAILS** NTS **2**



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 PROJECT # 22002

DATE	REMARKS
6/23/22	Bids & Permits

CONTRACT DATE:  
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER:  
 STORE NUMBER:  
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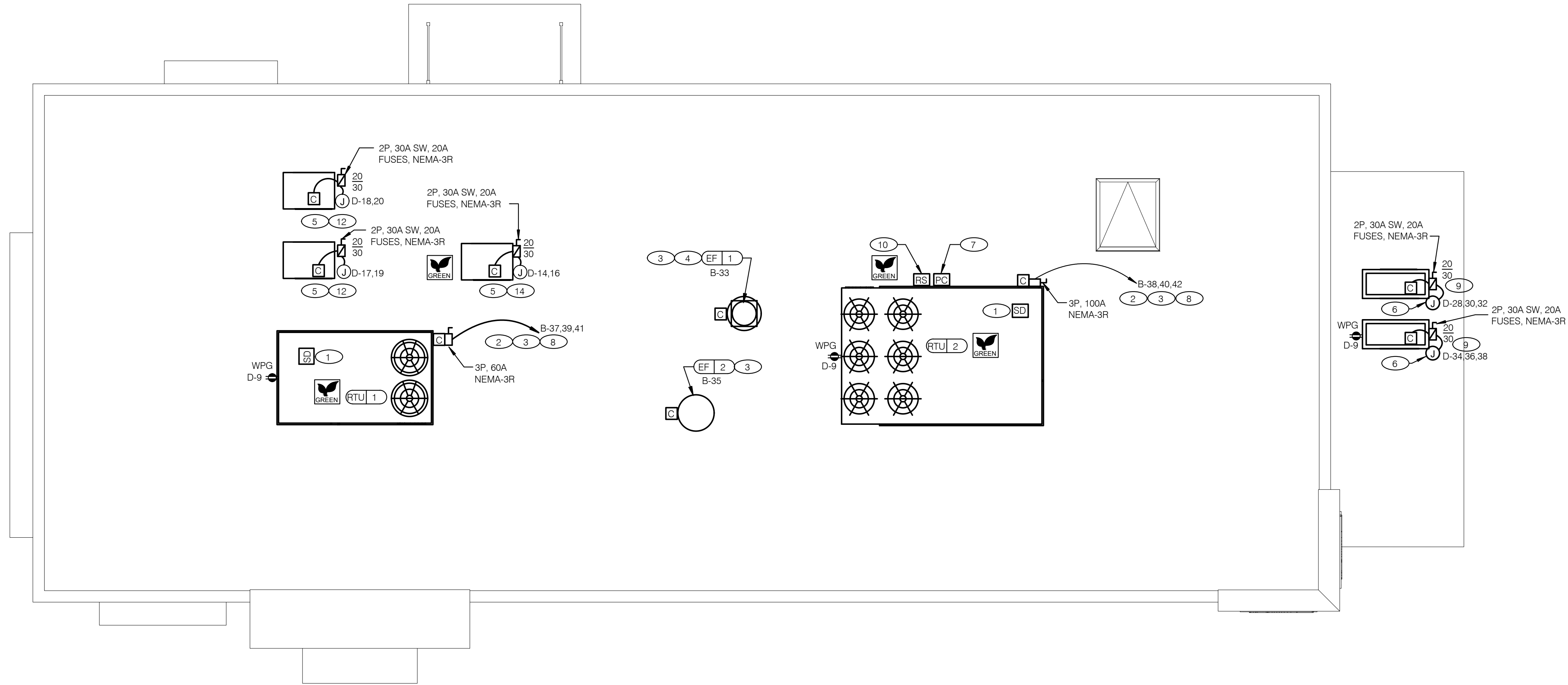
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**ENDEAVOR 2.0 ENLARGED POWER PLAN AND DETAILS**

**E3.1**

PLANT DATE: 6/23/2022



**POWER ROOF PLAN** 1/4" = 1'-0" **A**

**GENERAL NOTES - ELECTRICAL POWER ROOF PLAN** NTS **C**

A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.

B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFRS AND INSTALLERS REQS.

C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQS.

D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.

E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.

F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.

G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.

H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.

I. ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.

J. ARMOR CABLE (BX) IS ONLY TO BE ALLOWED WHERE ACCEPTABLE BY AUTHORITY HAVING JURISDICTION.

**KEY NOTES - ELECTRICAL POWER ROOF PLAN** NTS **B**

1 MECHANICAL CONTRACTOR SHALL PROVIDE CONNECTIONS BETWEEN RTU FACTORY SMOKE DETECTORS AND REMOTE ENNUICIATOR. TEST AND RESET DEVICE IN MANAGER OFFICE. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY NECESSARY CONDUITS FOR LOW VOLTAGE WIRING.

2 SPECIFIED RTU IS SUPPLIED WITH UNPOWERED, WEATHERPROOF GFCI CONVIENENCE OUTLET AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.

3 POWER AND CONTROL IN FLEXIBLE WATERPROOF CONDUIT (LFMC CONDUIT) TO ENTER FROM SIDE OF THE CURB AND UP TO FACTORY PROVIDED DISCONNECT SWITCH. COORDINATE WITH MECHANICAL CONTRACTOR.

4 CONNECT TO APPROPRIATE TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.

5 1/2" C. WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.

6 REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.

7 CONNECT TO APPROPRIATE PHOTOCELL TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.

8 RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT AND SINGLE POINT WIRING.

9 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND INSTALL EVERYTHING AS REQUIRED.

10 RAIN SENSOR.

11 PIPE HOOD. SEE 9/A6.0

12 ELECTRICAL CONTRACTOR SHALL MAKE ALL ELEC. CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF & THE EVAPORATOR IN THE ICE MACHINE AS REQ'D. REFER TO THE MFR'S SHOP DWGS FOR EXACT INSTALL. & INTERCONNECTION RQMTS. PRIOR TO ROUGH-IN INSTALL.

13 COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. SEE SCOPE OF WORK.

14 1/2" C. WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE. MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.



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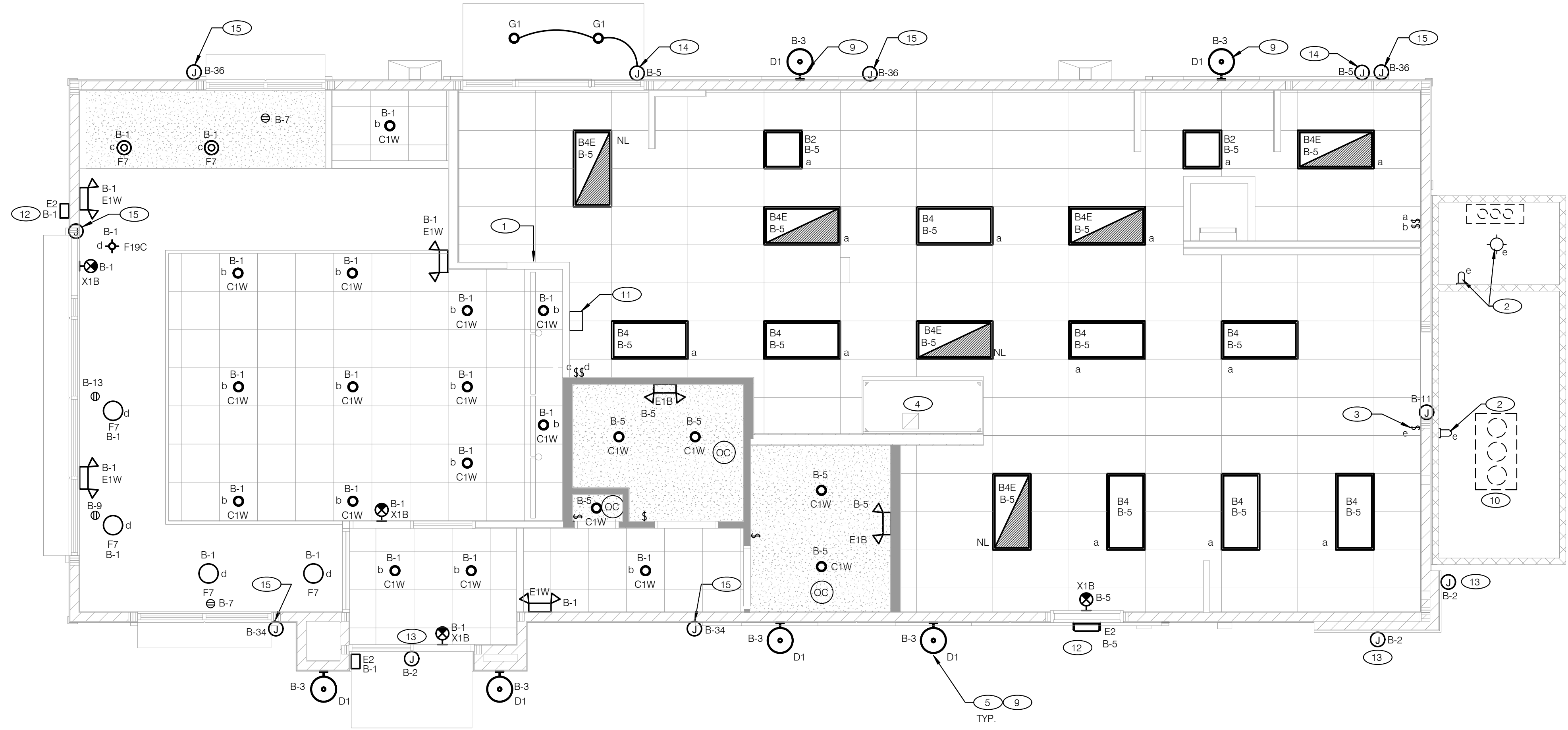


**ENDEAVOR 2.0 ELECTRICAL POWER ROOF PLAN**

**E3.2**

PLOT DATE: 6/23/2022

P:\2022\273 L+A Architects\22060 Great Lakes Taco Bell - Marlette\Cad\Active\E3.2 Electrical Power Roof Plan.dwg, 6/23/2022, 10:19:15 AM, dbary



GENERAL NOTES:  
 A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.  
 B. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.  
 C. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a).  
 D. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB. SEE E6.0 THROUGH E6.3.  
 E. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.  
 F. ALL FIXTURES SUPPLIED WITH LAMPS.  
 G. ALL EXTERIOR NON-EMERGENCY LIGHT FIXTURES, BUILDING SIGNS, AND EXTERIOR SIGNS SHALL BE CONTROLLED THROUGH PHOTOCELL AND LIGHTING CONTROL RELAYS. SEE E6.0 THRU E6.3 FOR ADDITIONAL DETAILS.

**ELECTRICAL LIGHTING PLAN** 1/4" = 1'-0" **A**

NO.	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP #/TYPE	BALLAST TYPE	ELECTRICAL DATA	REMARKS
A1	LSI INDUSTRIES	MRM-LED-9L-SIL-FT-UNV-DIM-40-70CRI-BRZ-FIXTURE	LED POLE MOUNTED FIXTURE, FORWARD THROW, 0-10V DIMMING, 4000CCT, 70CRI. BOTH POLE AND FIXTURE FINISHED IN BRONZE.	FIXTURE MOUNTED TO 9'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE.	LED	NA	120 V/1-62 VA 9856 LUMENS	
A4	LSI INDUSTRIES	4SQB3-A125-9'-6"-S-BRZ-POLE	10'-0" ALUMINUM SQUARE POLE CUT DOWN TO 9'-6" ON CONCRETE BASE	9'-6" ALUMINUM POLE MOUNTED TO 2'-6" CONCRETE BASE.	NA	NA	0 V/1-0 VA	
A1H	LSI INDUSTRIES	MRM-LED-9L-SIL-FT-UNV-DIM-40-70CRI-H	LED POLE MOUNTED FIXTURE W/HOUSE SIDE SHIELD, FORWARD THROW, 0-10V DIMMING, 4000CCT, 70CRI. BOTH POLE AND FIXTURE FINISHED IN BRONZE.	FIXTURE MOUNTED TO 9'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE.	LED	NA	120 V/1-62 VA 9856 LUMENS	
B2	ABB	FLP22-D53W40	2X2 LED TROFFER	RECESSED	LED		120 V/1-45 VA	-
B4	ABB	FLP24-D53W40	2X4 LED TROFFER	RECESSED	LED		120 V/1-45 VA	-
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER	RECESSED	LED		120 V/1-45 VA	-
C1W	MAXLITE	B6IC-AT-W-LED14DR5630K995	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING	RECESSED	LED		120 V/1-14 VA	-
D1	SPECTRUM	ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA	12"x6.3" WALL MOUNT SCONCE, FINISH SELECTED BY ARCH. 2" FROSTED MINI ENCLOSURE, WET LISTED.	VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS	LED, 11W, 1106 LUMENS	NA	120 V/1-11 VA	-
E1B	ELITE	ELM-809-B	EMERGENCY LIGHT FROG EYE - BLACK	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E1W	ELITE	ELM-809-W	EMERGENCY LIGHT FROG EYE - WHITE	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E2E	LITHONIA	WDGE1 LED P1 40K 80CRI VF MVOLT E4WH DWG DDBXD	LED EM WALL MNT, DRK BRNZ, CLD WEATHER	VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS	-	EM	120 V/1-10VA 1,120 LUMENS	-
F7	HI-LITES	H24212-96-CB15-20WLB-60P	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0D27K	NA	120 V/1-20 VA	-
F19C	SPECTRUM LIGHTING	SPC0304INC-MWL(25W)PAR20-CM-180-MB	LED PENDANT - 3"	PENDANT, 6'-0" A.F.F.	1/LED LR20/40/27K/975/BK	NA	120 V/1-9 VA	-
X1B	LIGHTALARMS	GRANNRB	LED UNIVERSAL MNTG THERMOPLASTIC EXIT, RED LETTERS, BLACK HSNB	UNIVERSAL	-/LED	EM	120 V/1-3 VA	-
G1	SIGNIFY LIGHTOLIER	FD6R4CCT	6" DIAMETER RECESSED LED FLAT DOWN LIGHT, DIFFUSED LENS, WET LISTED	RECESSED @ 9'-0" AFG	1/LED-14W-40K-900LM	NA	120 V/1-14 VA	FIXTURE PROVIDED BY OTHERS INSTALLED & WIRED BY ELEC

- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 2 FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- 3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEET E6.1.
- 5 COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 NOT USED.
- 7 NOT USED.
- 8 NOT USED.
- 9 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AND A4.1 FOR DIMENSIONED LOCATION OF FIXTURE.
- 10 SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
- 11 ALERT LIGHT : ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF GEN III POWER SOAK IS USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
- 12 MOUNT "E2E" AT 8'-6" A.F.G. TO CENTER OF FIXTURE.
- 13 VERIFY MOUNTING HEIGHT FOR SIGN POWER WITH ARCHITECTURAL ELEVATIONS AND SIGN VENDOR.
- 14 PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURER.
- 15 PROVIDE POWER CONNECTION TO PURPLE WALLWASH LIGHTS FURNISHED BY SIGN VENDOR. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS. COORDINATE REQUIREMENTS WITH VENDOR.

**KEY NOTES - ELECTRICAL LIGHTING PLAN AND SCHEDULE** NTS **B**



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PROJECT # 22002

DATE	REMARKS
6/23/22	Bids & Permits

CONTRACT DATE:  
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER:  
 STORE NUMBER:  
 PA/PM:  
 DRAWN BY:.  
 JOB NO.:

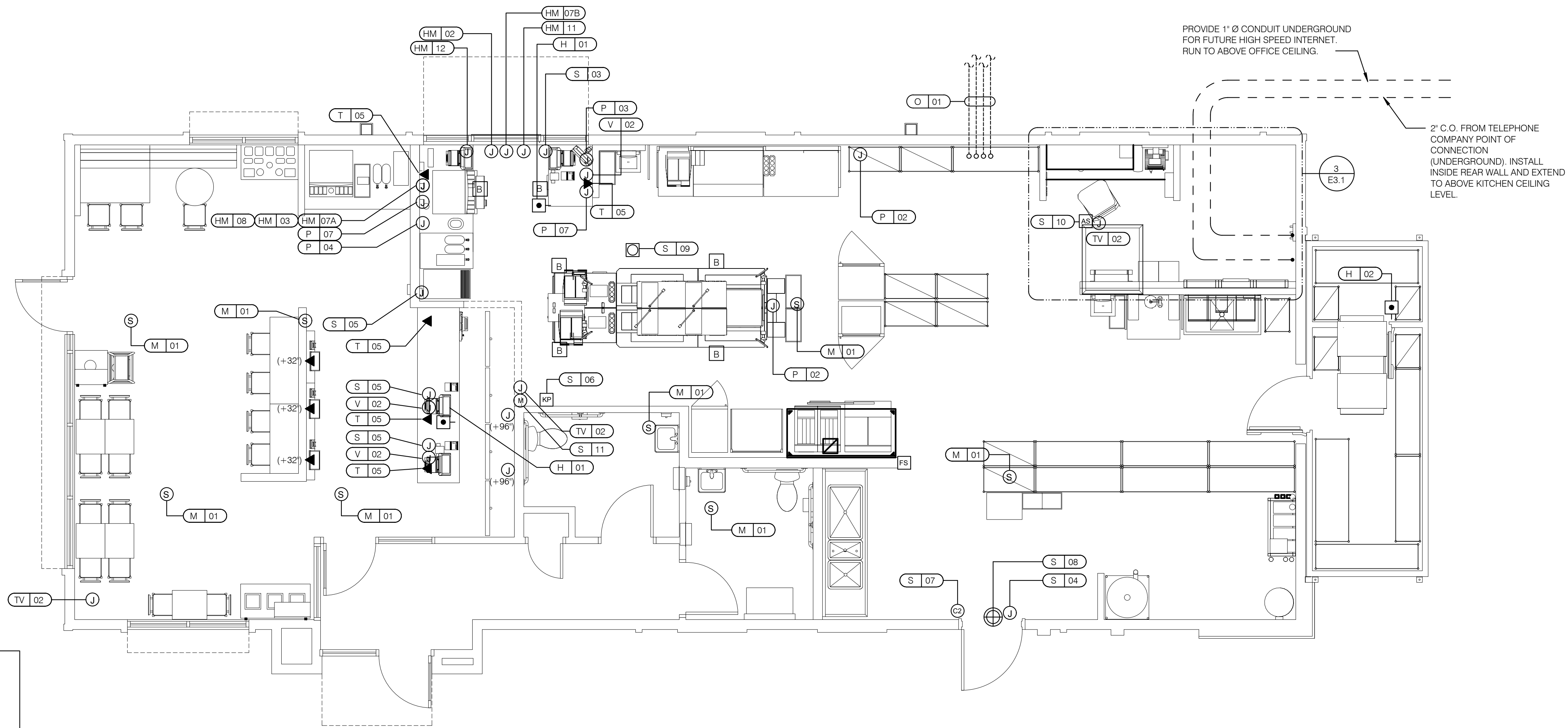
**GREAT LAKES TACO, LLC**  
 2717 Main Street (M-53)  
 Marlette, Michigan 48453



**ENDEAVOR 2.0 LIGHTING PLAN AND DETAILS**

**E4.0**

PLOT DATE: 6/23/2022



**VOLUME CONTROL NOTES:**  
 1) PATIO SPEAKER: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).  
 2) DINING ROOM SPEAKERS: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).  
 3) KITCHEN SPEAKERS: IF CONNECTED TO THE SOUND SYSTEM, CAN EITHER HAVE VOLUME CONTROL BUILT INTO THE SPEAKER ITSELF, OR HAVE A THIRD DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).  
 4) RESTROOM SPEAKERS: VOLUME CONTROL BUILT INTO SPEAKER.

**COMMUNICATIONS PLAN** 1/4" = 1'-0" **A**

□	HOLD-UP BUTTON (MOUNT 2-1/2" BEHIND COUNTER EDGE)	⊗	DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
⊙	MUSIC SYSTEM SPEAKERS	⊕	'SOUND ALERT' DEVICE
⊠	SECURITY STROBE	KP	KEYPAD (MTD AT 48" A.F.F.)
J	J-BOX	AS	ALARM SIREN ABOVE CLG
◀	2" x 4" J-BOX W/ DATA PORTS	B	BUMP PAD (MOUNT AT FRONT COUNTER)
M	MOTION DETECTOR	FS	HOOD FIRE SUPPRESSION SYSTEM PULL STATION
⊙	OCCUPANCY SENSOR, CEILING MOUNTED. SEE DETAILS 1 & 2 / E7.0	⊖	USB OUTLET

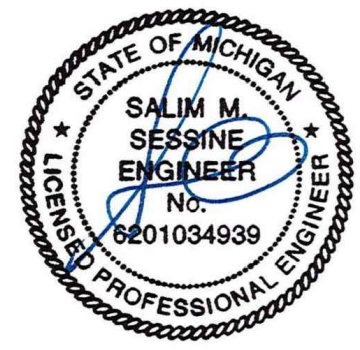
**COMMUNICATIONS LEGEND** NTS **C**

- A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.
- B. SEE SHEETS E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

**COMMUNICATIONS NOTES** NTS **B**

COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H	01	UNDER COUNTER HOLD-UP BUTTON		SEE DETAIL 6/E3.1.
H	02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	SURFACE MTD. 2X4 J-BOX ON INSIDE OF WALK-IN FREEZER HINGE WALL W/ (1) 1/2" CONDUIT TO ABOVE KITCHEN CEILING. BUTTON FACING DOWN. SEE DETAIL 3/E3.1
HM	02	D/T TIMER SIGNAL PROCESSOR J-BOX	+126" A.F.F.	4X4X4" DEEP (MIN.) J-BOX ABV. CLG. W/ (1) 1" CONDUIT TO HM-07B, (1) 1" CONDUIT TO HM-04, (1) 1-1/2" CONDUIT TO HM-08 & (1) 1" CONDUIT TO HM-12. SEE DET. 5/E3.1.
HM	03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DETAIL 7/E3.1.
HM	07A	D/T TIMER DISPLAY J-BOX	+62" A.F.F.	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1" C TO HM-04. SEE DETAIL 7/E3.1.
HM	07B	D/T TIMER DISPLAY J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DETAIL 7/E3.1.
HM	08	D/T J-BOX	+96" A.F.F.	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DETAIL 7/E3.1.
HM	11	D/T CONTROL UNIT J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DETAIL 7/E3.1.
HM	12	D/T/ ETHERNET SWITCH J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-11, (1) 1" CONDUIT TO HM-02 & (1) 1" CONDUIT TO OFFICE ROUTER.
M	01	SPEAKER, CEILING MOUNTED	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
P	02	KITCHEN MONITOR J-BOX	CEILING	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE MONITOR J-BOX.
P	03	BUMP PAD J-BOX	+84" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CEILING
P	04	POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.
P	07	POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
S	03	J-BOX SECURITY SYSTEM	+30" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE.
S	04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S	05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.
S	06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM.
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE

COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
T	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T	05	J-BOX	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
TV	02	SECURITY CAMERA	+96" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD (6 TOTAL).
V	02	J-BOX	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.
S	01	J-BOX SECURITY SYSTEMS	+48" A.F.F.	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR
T	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
HM	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES



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PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

CONTRACT DATE:  
 BUILDING TYPE: END. MED 40  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER:  
 STORE NUMBER:  
 PA/PM:  
 DRAWN BY.:  
 JOB NO.:

**GREAT LAKES TACO, LLC**  
 2717 Main Street (M-53)  
 Marlette, Michigan 48453



ENDEAVOR 2.0  
**COMMUNICATIONS PLAN**

**E5.0**

PLOT DATE: 6/23/2022

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**TBCCB-3-WOS SEQUENCE OF OPERATION**

The intent of the BMS Control Box (TBCCB-3-WOS) is to activate or deactivate the following:

- Kitchen Lighting
- Dining Room Lighting
- Exterior Lighting
- Exterior Signs
- Exhaust hood exhaust fan
- Exhaust hood lighting
- Make up air / replacement air fan
- Rest room / cook line exhaust fan
- Managers Office lighting & at least one duplex outlet

**Sequence of Operation**

**(Building) Occupied Mode**

When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in OPEN mode 15 minutes before the first Team Member arrives on the premises. This commands the following:

- The Parking Lot Lights, provided the photo cell indicates it is dark enough for them to be on
- The restroom and cook line exhaust fan marked "EF-2"
- Dining Room Lights, provided their local switch is in the ON position
- Kitchen and rest room lights, provided their local switch and or occupancy sensors are in the ON position
- The exhaust hood exhaust fan marked "EF-1"
- The make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.

Occupied mode may also be invoked when any of the following occur:

- an Occupancy sensor on the front of the TBCCB-3-WOS panel senses motion
- when an optional remote Occupancy sensor senses motion
- when a remote Occupied switch is in the Occupied position
- when the Occupied/Unoccupied switch on the front of the TBCCB-3-WOS is placed in the MANUAL OCCUPIED position

**(Building) Unoccupied Mode**

When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in Unoccupied mode 15 minutes after the last Team Member leaves the premises. This commands OFF the following:

- The Parking Lot Lights
- The restroom and cook line exhaust fan marked "EF-2"
- Dining Room Lights
- Kitchen room lights
- The exhaust hood exhaust fan marked "EF-1"
- The make up air - replacement air fan (evaporator fan) in RTU 1 and RTU 2.

In the event of a rise in temperature above 85 degrees in the exhaust hood, the exhaust fan (EF-1) and the make up air source (RTU 1 and 2) will be activated. When in Unoccupied mode and the temperature under the hood drops below 85 degrees, the exhaust fan and make up air source will turn off fifteen minutes after the 85 degree setting is achieved.

**Any detection by the Occupancy sensor in the TBCCB-3-WOS or the optional Remote Occupancy Sensor or the optional Remote Occupancy Switch or ON position of the Manual Occupied switch will override the Timeclock and keep the building in OCCUPIED mode.**

**(Sales) OPEN mode**

When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in OPEN (FOR SALES) mode. This commands on the following:

- The Exterior Building Lights, provided the photo cell indicates it is dark enough for them to be on
- The Exterior Signs, provided the photo cell indicates it is dark enough for them to be on

OPEN for sales mode may also be invoked when any of the following occur:

- when an optional remote OPEN (for sales) switch is in the OPEN position
- when the OPEN/CLOSED switch on the front of the TBCCB-3-WOS is placed in the MANUAL OPEN position

**(Sales) CLOSED mode**

When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in CLOSED (FOR SALES) mode. This commands OFF the following:

- The Exterior Building Lights
- The Exterior Signs,

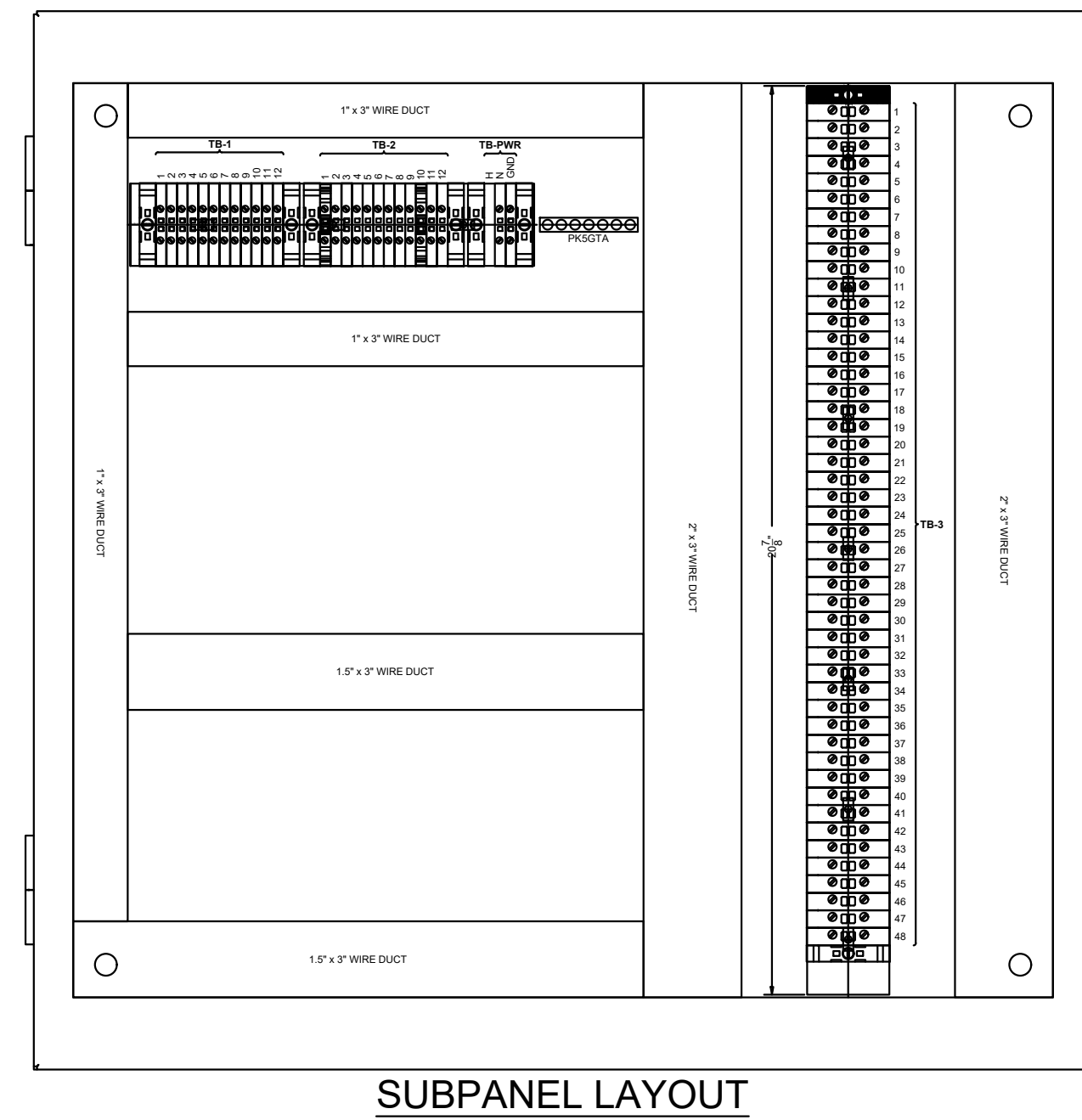
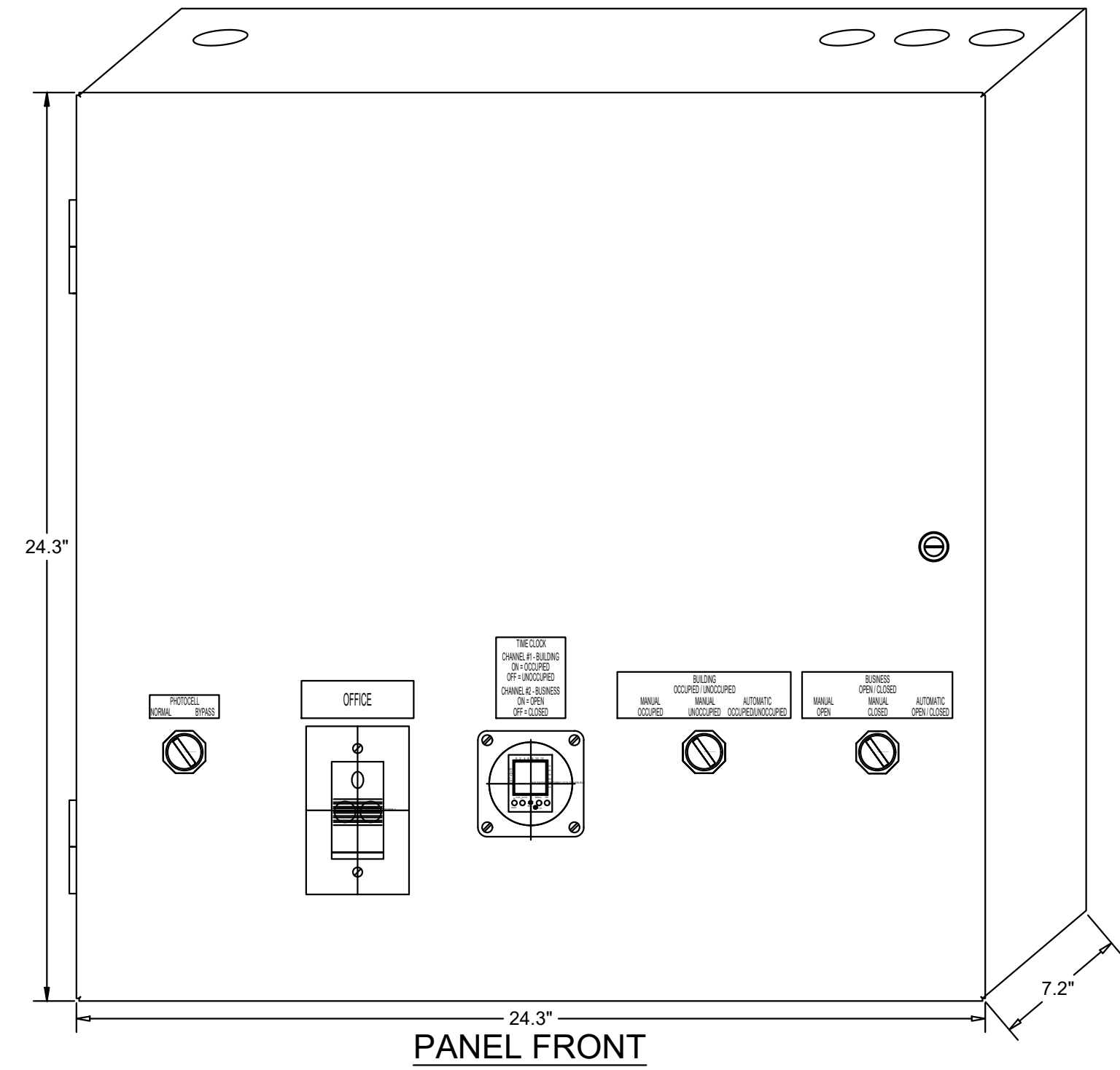
**Manual CLOSED Mode**

When a Team Member places the OPEN/CLOSED switch in the MANUALCLOSED position it turns off the Signs and Exterior Lights until the switch is placed back in AUTOMATIC or MANUAL OPEN position

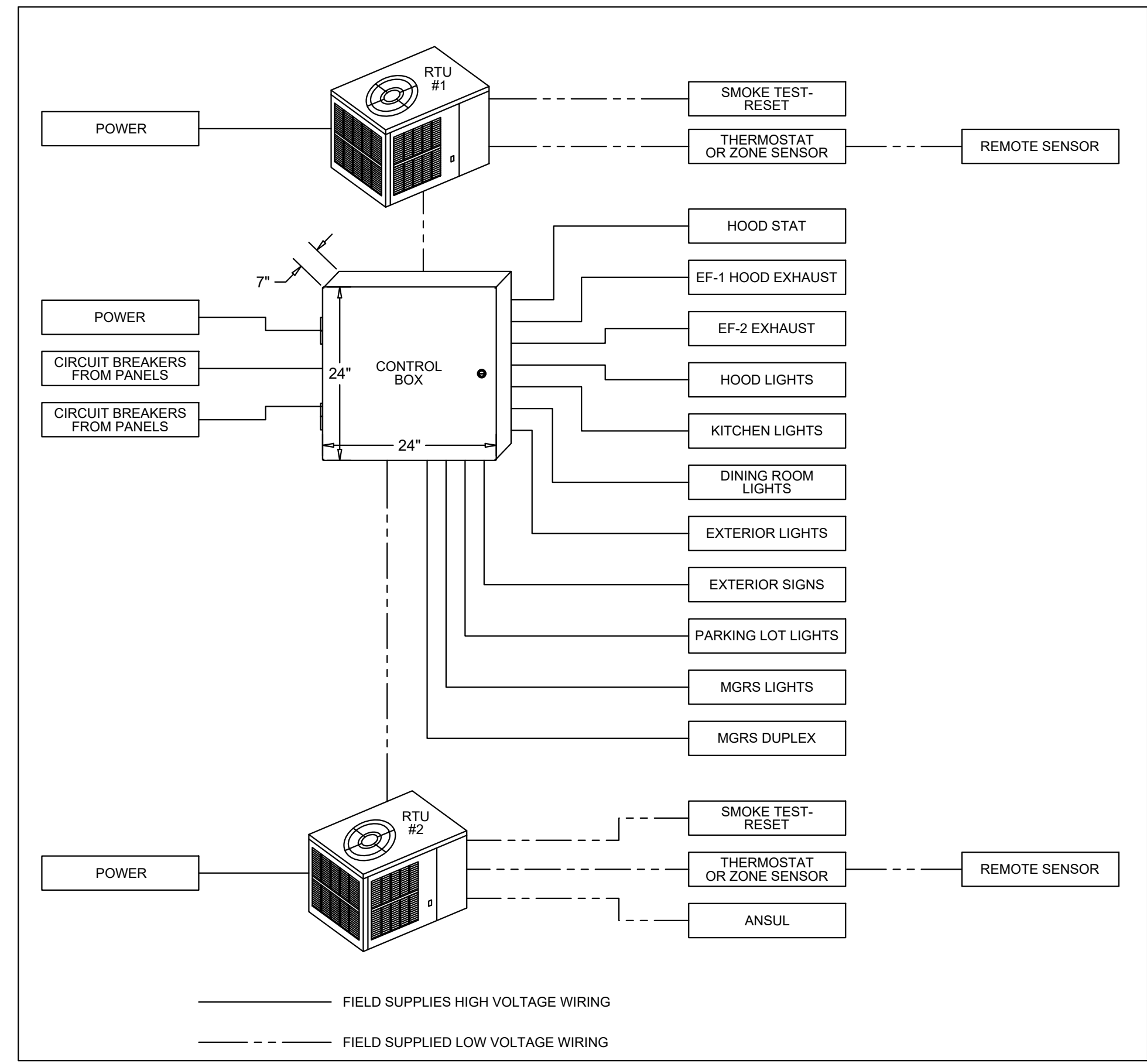
**External Operations Not Part Of The Control Box Operation But Required To Be Installed**

The following operations should take place between the package units and various components:

- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon an activation of the fire suppressant into the hood. The system shall be wired directly between the fire suppression system and RTU 2 or TBANS control box. See sheet E-7.1.
- A remote smoke detector system featuring testing, annunciation and remote unit reset shall be installed in the manager's office for each RTU. The system shall be wired directly between each RTU and its respective testing, annunciation and reset device.



**TACO BELL COMPONENT RELATIONSHIP**



— FIELD WIRE BY OTHERS  
THIS PANEL ENCLOSURE IS RATED TYPE 1. TO PRESERVE RATING USE TYPE 1 CONDUIT ENTRY HUBS



This panel is Listed to applicable UL Standards and requirements by UL. Field wiring or field components are not Listed under this mark.

**CONTROL BOX**  
TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.  
**NOTE:**  
TBCCB-3 WOS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY. TBCCB-3-WOS INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.  
**PRIMARY CONTACT: CHUCK MCCABE**  
**EMAIL: INFO@ACE-EMS.COM**  
**PHONE: 949 770 2222**



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PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

CONTRACT DATE:  
BUILDING TYPE: END. MED 40  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER:  
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DRAWN BY.:  
JOB NO.:

**GREAT LAKES TACO, LLC**  
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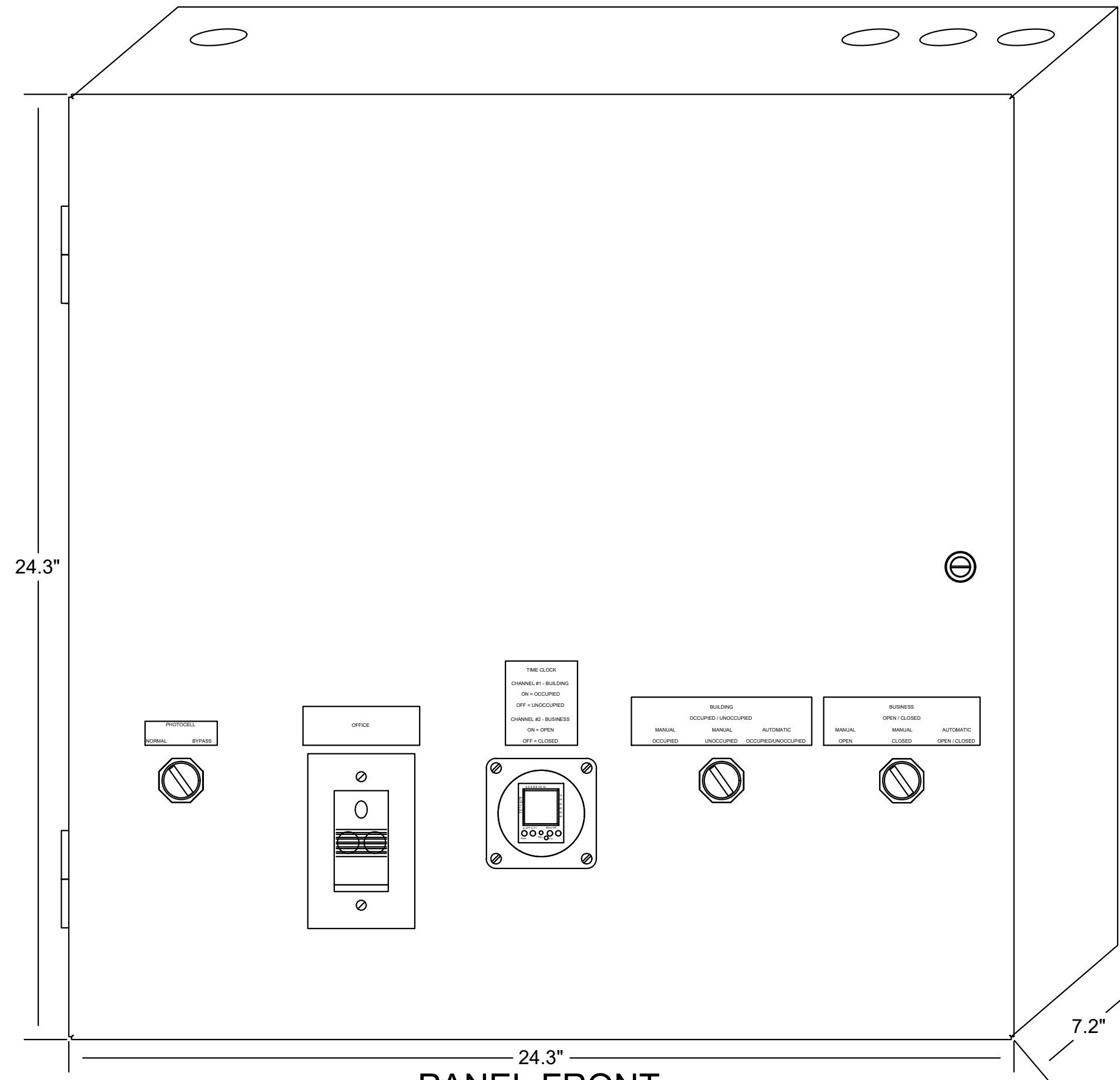


ENDEAVOR 2.0  
**ELECTRICAL DETAILS - TBCCB**

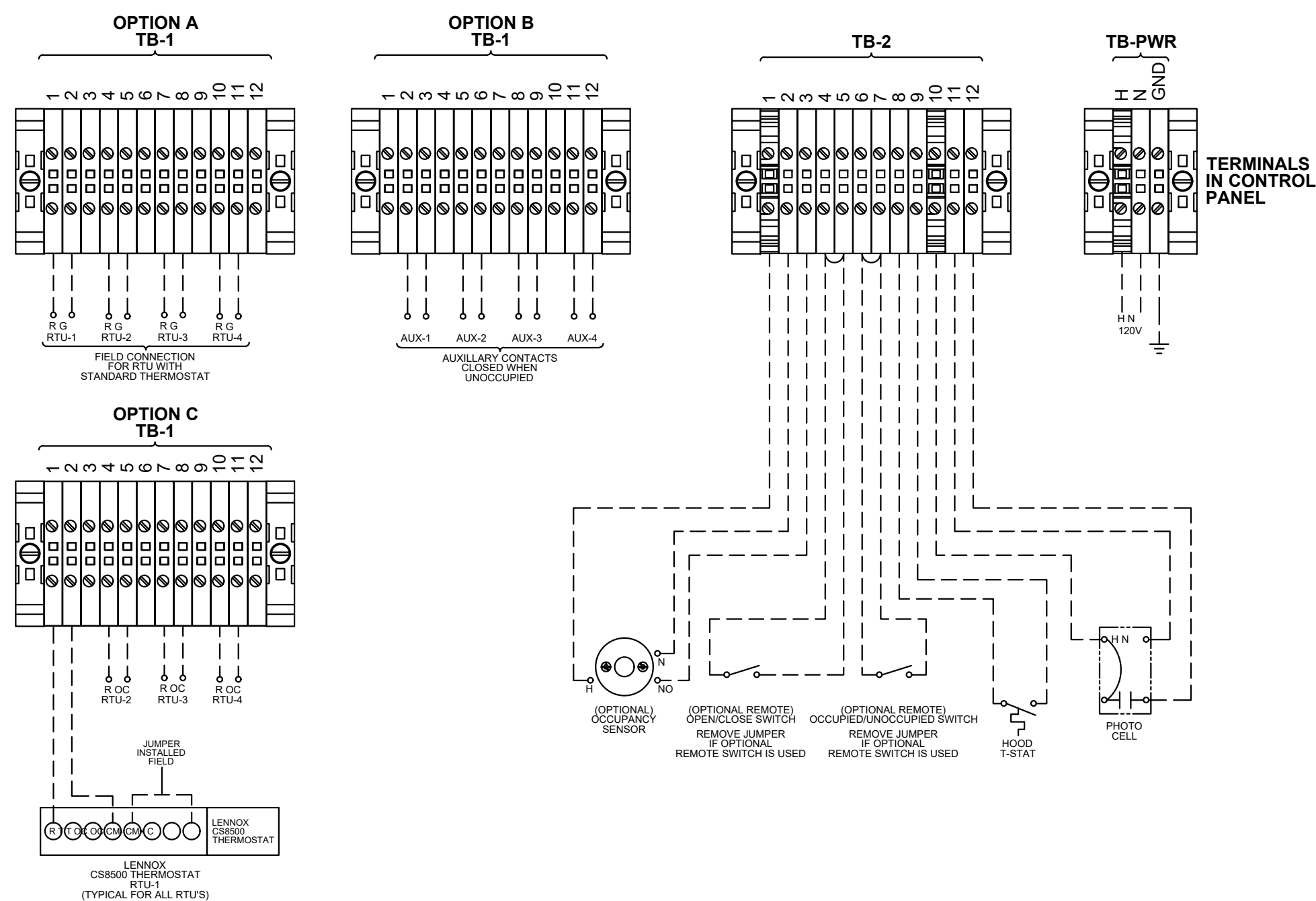
**E6.0**

PLOT DATE: 6/23/2022

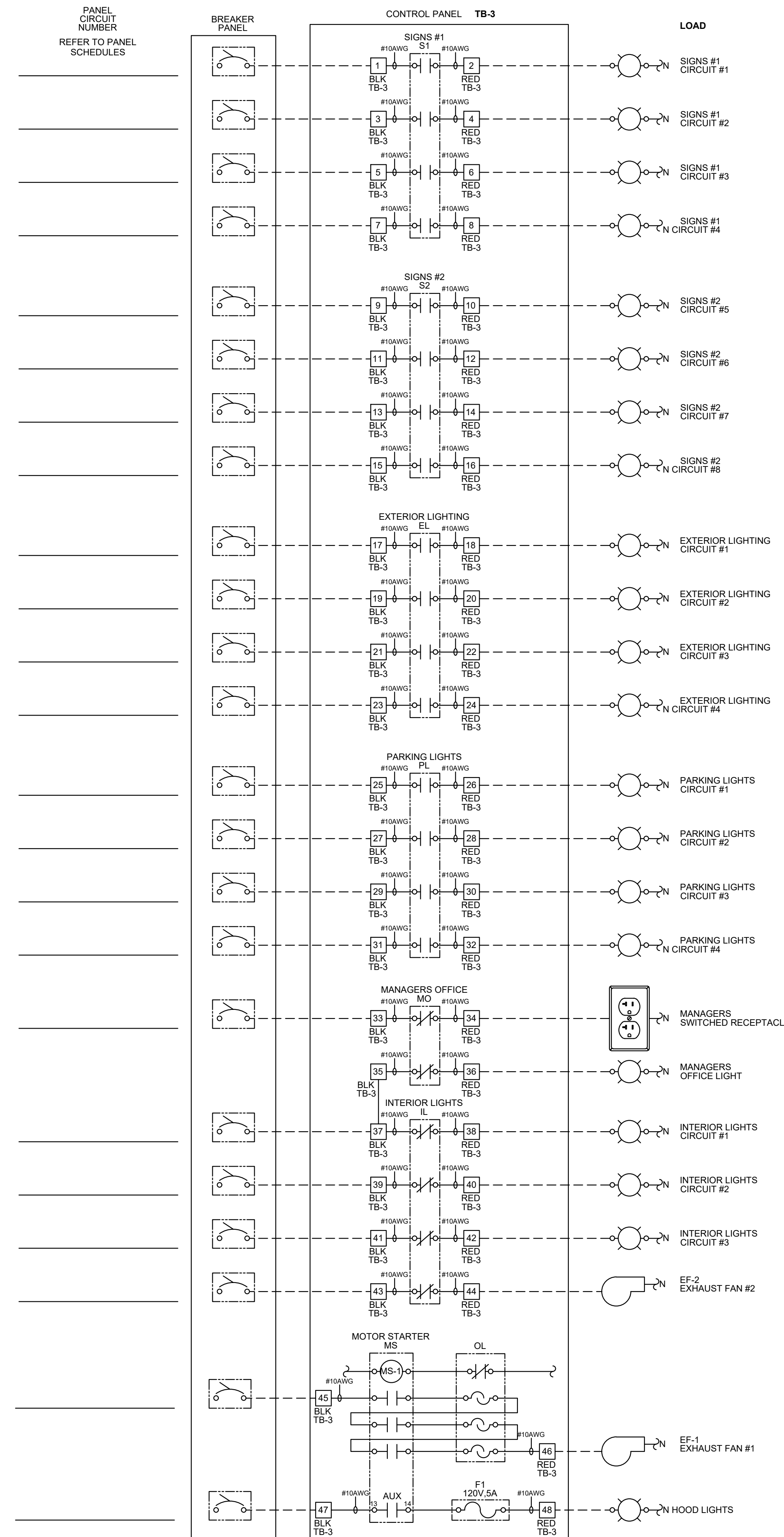
**TBCCB-3-WOS**



PANEL FRONT



PANEL CIRCUIT NUMBER REFER TO PANEL SCHEDULES



# TBCCB-3-WOS

- NOTES:**
1. VISUAL VERIFICATION OF THIS INSTALLATION IS REQUIRED. SEE SHEET M5.0
  2. PANEL IS SURFACE MOUNT
  3. PROTECT INTERIOR FROM METAL SHAVINGS & DEBRIS

**CONTROL BOX**

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

NOTE: TBCCB-3 WOS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY.

TBCCB-3-WOS INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.

PRIMARY CONTACT: CHUCK MCCABE  
PHONE: 949 770 2222  
EMAIL: INFO@ACE-EMS.COM



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Job No.: 273-22060



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SUITE 265  
ROCHESTER HILLS, MI 48307  
PHONE (248) 524-4700 FAX (248) 524-9746

PROJECT # 22002

DATE	REMARKS
1 6/23/22	Bids & Permits

CONTRACT DATE:   
BUILDING TYPE: END. MED 40  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:   
SITE NUMBER:   
STORE NUMBER:   
PA/PM:   
DRAWN BY.:   
JOB NO.:

**GREAT LAKES TACO, LLC**  
2717 Main Street (M-53)  
Marlette, Michigan 48453

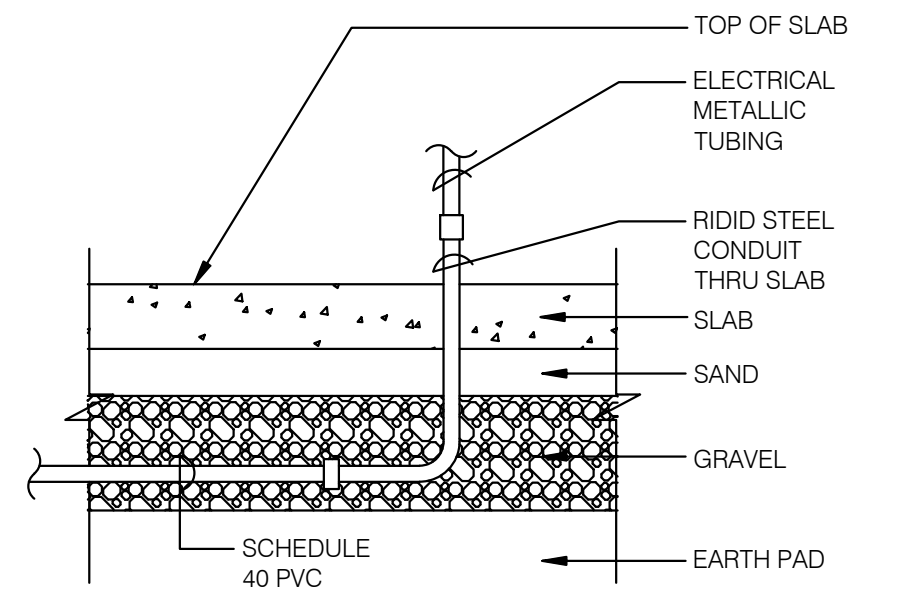


**ENDEAVOR 2.0 ELECTRICAL DETAILS - TBCCB**

**E6.1**

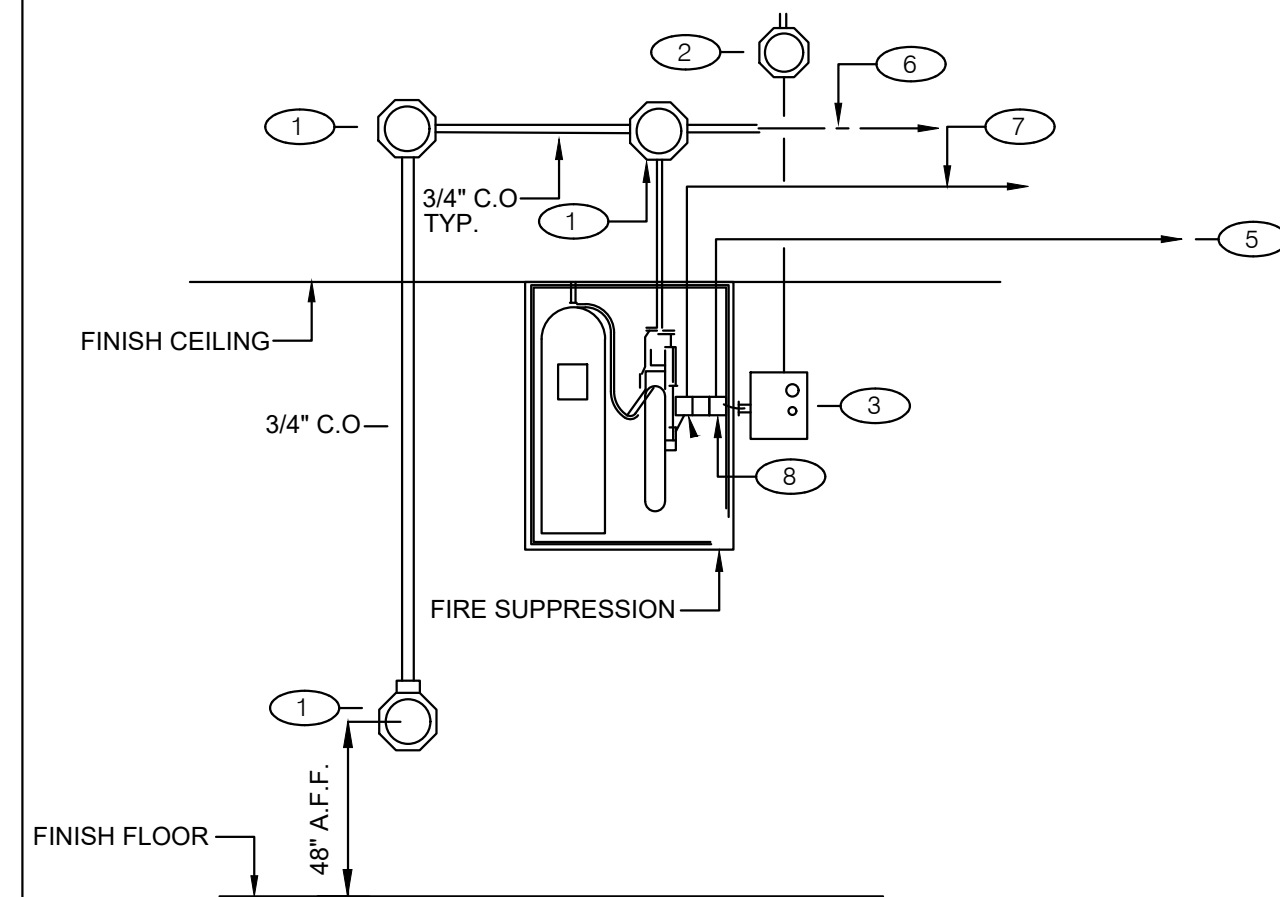
PLOT DATE: 6/23/2022

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NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

YES001



**GENERAL NOTES:**

1. REFER TO SHEET M3.0

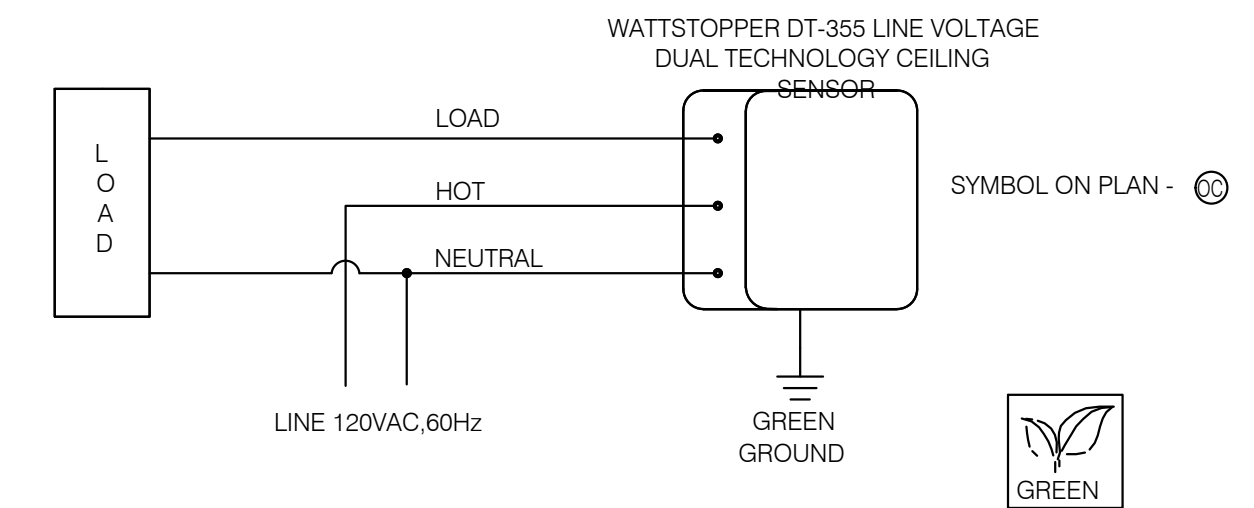
**KEY NOTES:**

- 1 PROVIDE 4" OCTAGONAL J-BOX.
- 2 PROVIDE J-BOX, AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. CONNECT TO TBANS. SEE SHEET 7.1.
- 3 TBANS INSTALLED BY ELECTRICAL CONTRACTOR.
- 4 PROVIDE CONNECTIONS TO TBANS BOX FOR HOOD SHUTDOWN. SEE SHEET E7.1 FOR TBANS WIRING DIAGRAM.
- 5 PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
- 6 CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.
- 7 PROVIDE INTERCONNECTION BETWEEN FIRE SUPPRESSION MICROSWITCH AND TBANS. SEE SHEET E7.1.
- 8 FIRE SUPPRESSION SYSTEM TO INCLUDE TWO MICROSWITCHES. EACH MICO SWITCH SHALL HAVE A COMMON, NORMALLY OPEN AND NORMALLY CLOSED POLE.

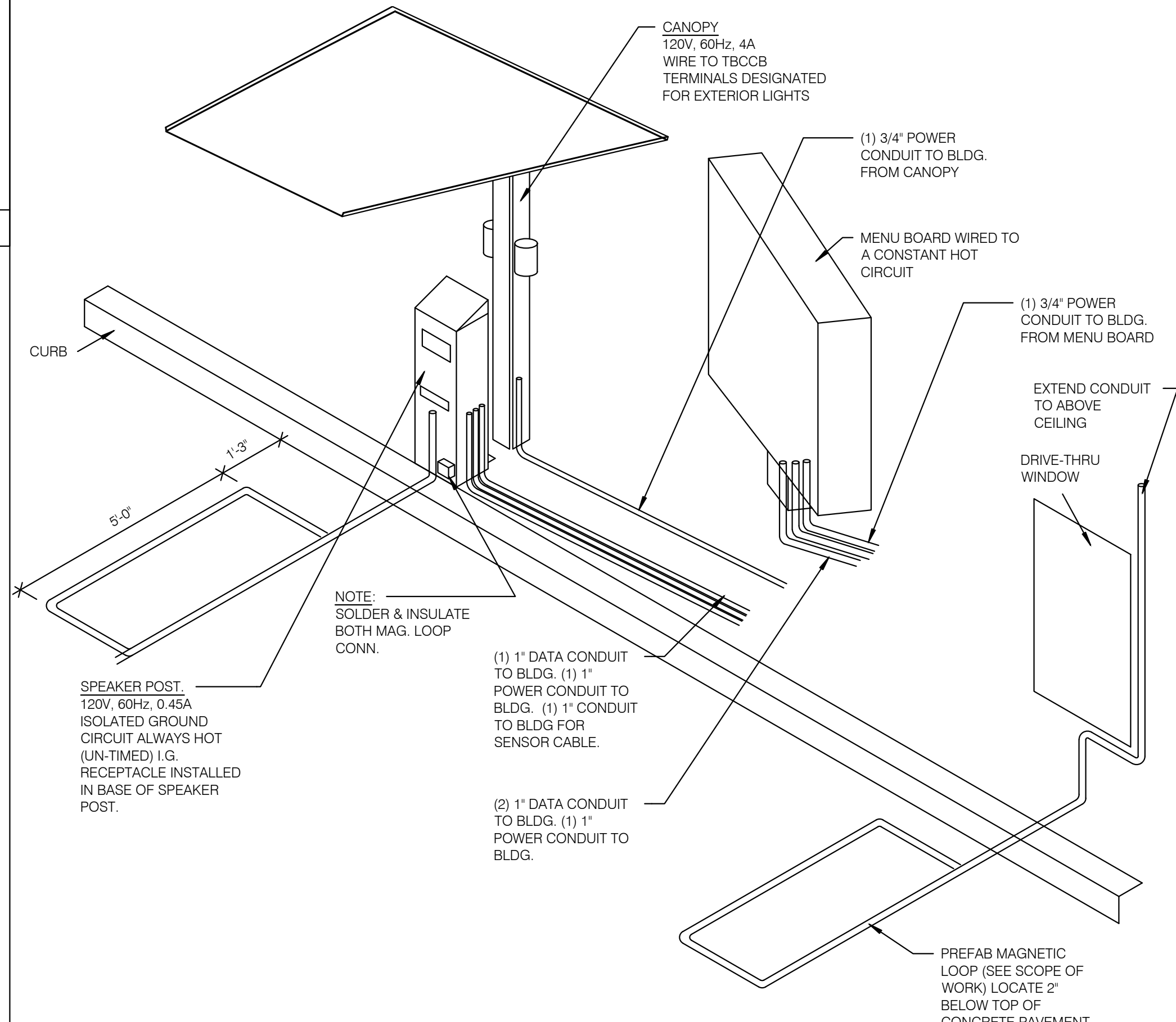
**UNDER SLAB CONDUIT** N.T.S. **7**

**FIRE SUPPRESSION SYSTEM WIRING DIAGRAM** N.T.S. **4**

**NOT USED** N.T.S. **1**



**CEILING OCCUPANCY SENSOR WIRING DIAGRAM** N.T.S. **2**



**NOT USED** N.T.S. **8**

**NOT USED** N.T.S. **5**

**NOT USED** N.T.S. **9**

**NOT USED** N.T.S. **6**

**DRIVE-THRU COMMUNICATIONS ISOMETRIC** N.T.S. **3**



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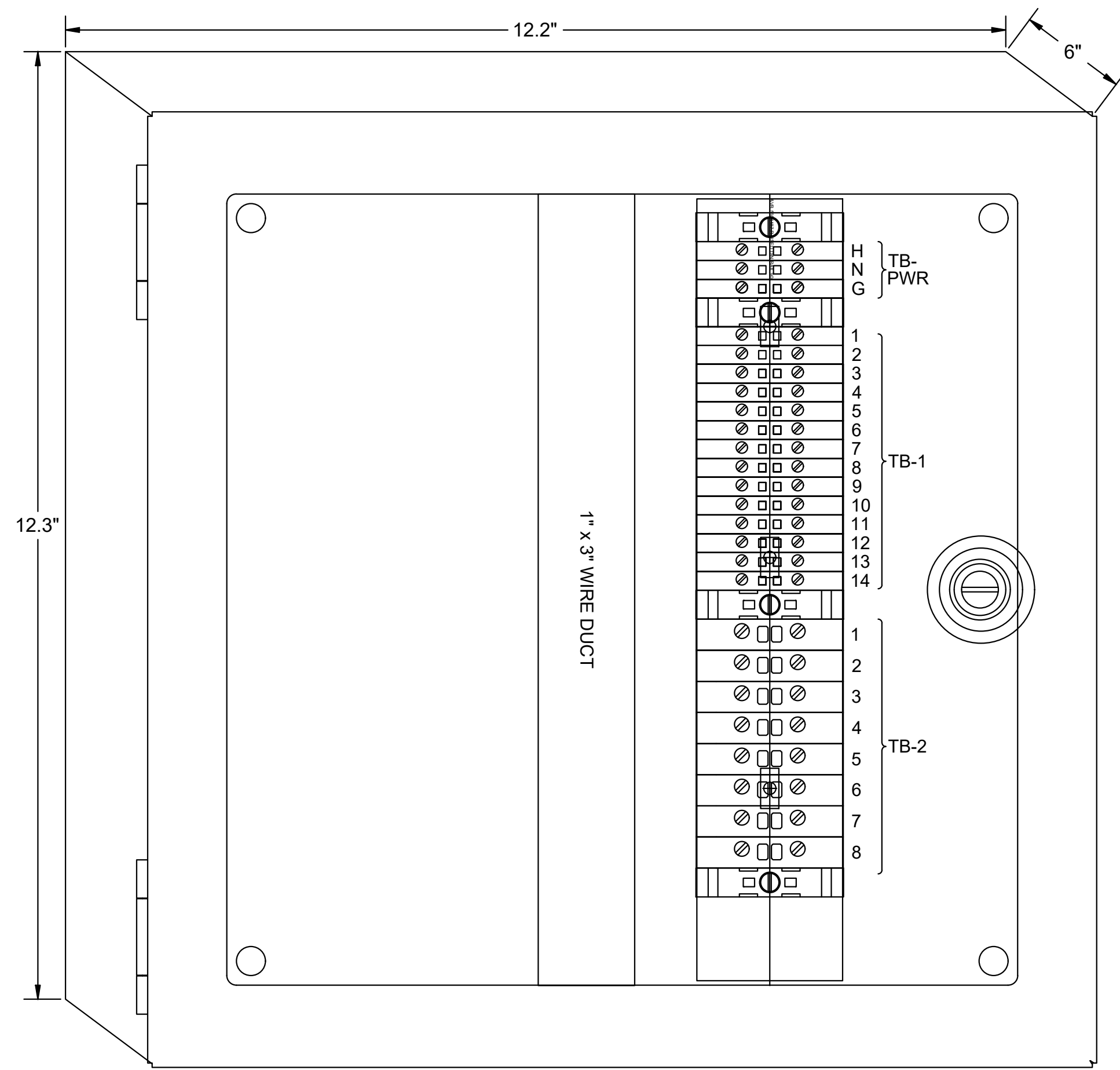


**ENDEAVOR 2.0 ELECTRICAL DETAILS**

**E7.0**

PLOT DATE: 6/23/2022

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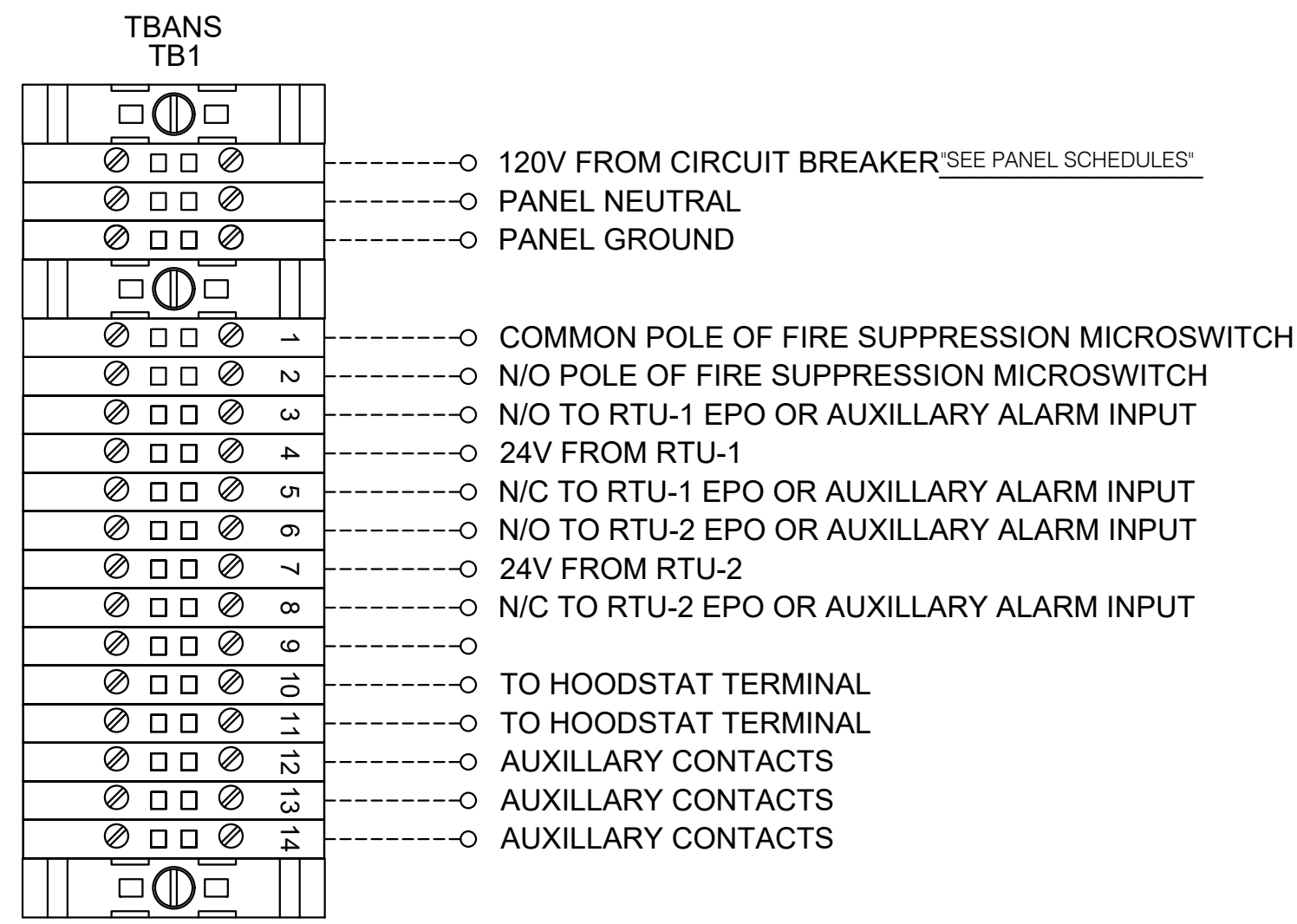


**1** TBANS PANEL DIMENSIONS NTS

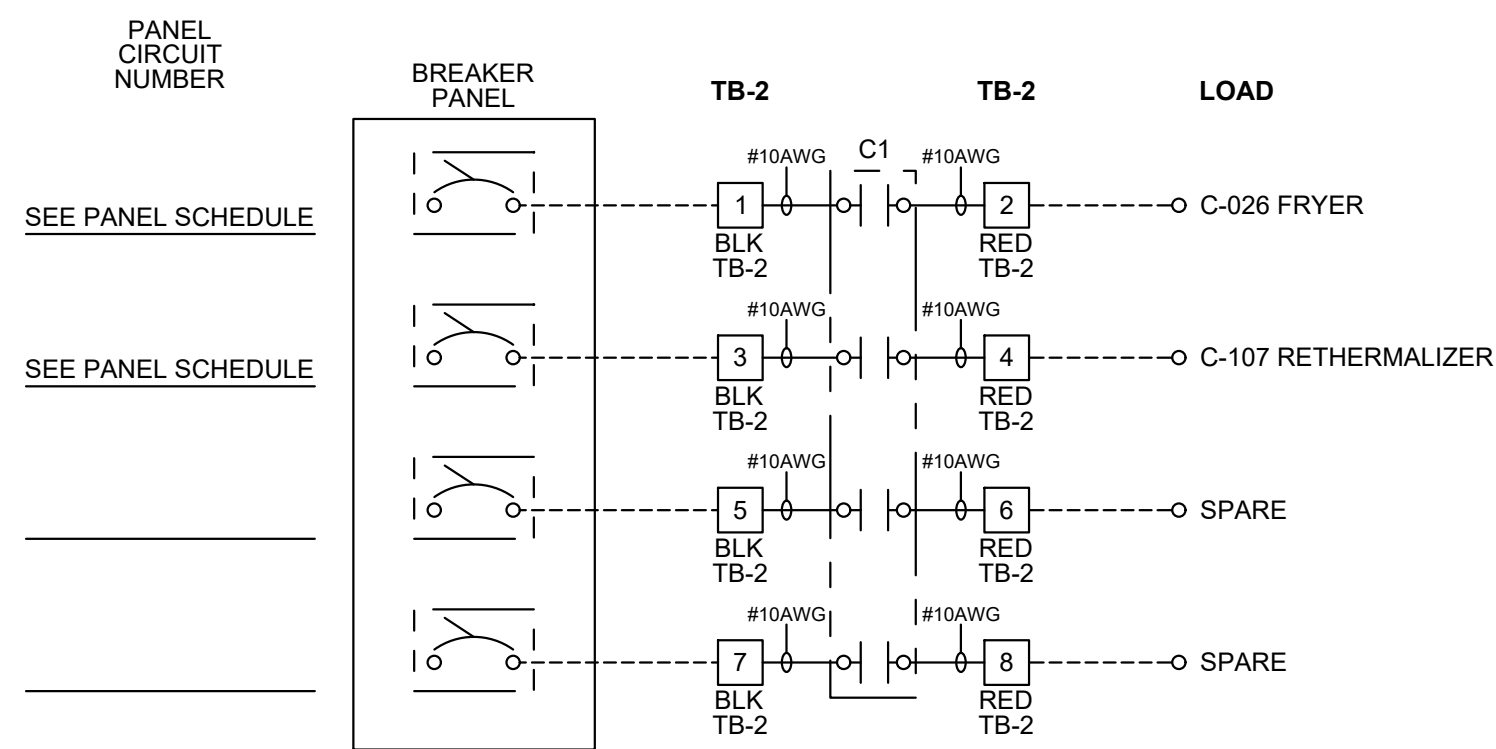
**SEQUENCE OF OPERATION:**  
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

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NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.  
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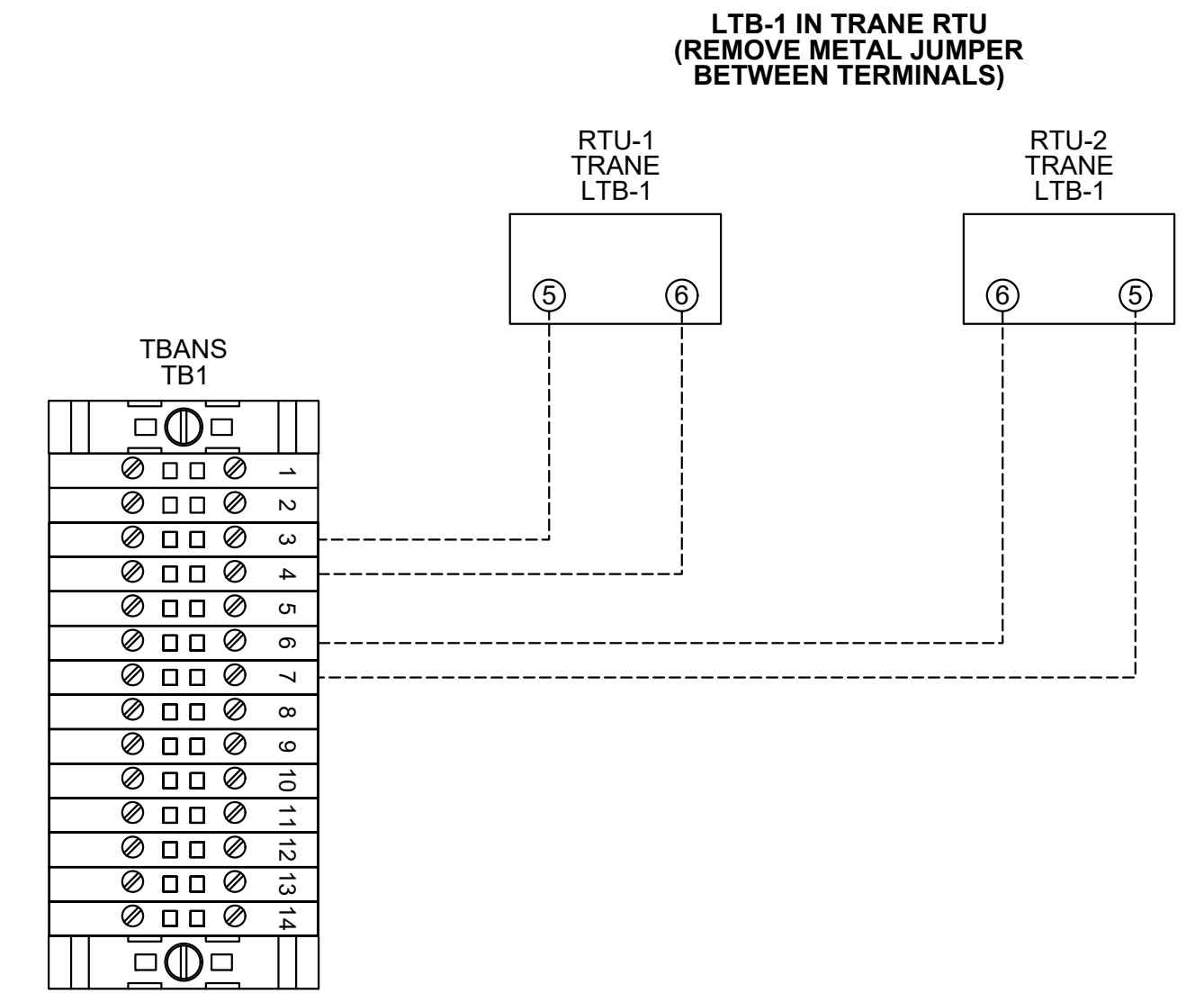
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0  
CONTACT [CERTIFY@ACE-BCX.COM](mailto:CERTIFY@ACE-BCX.COM) OR (949)-770-2222



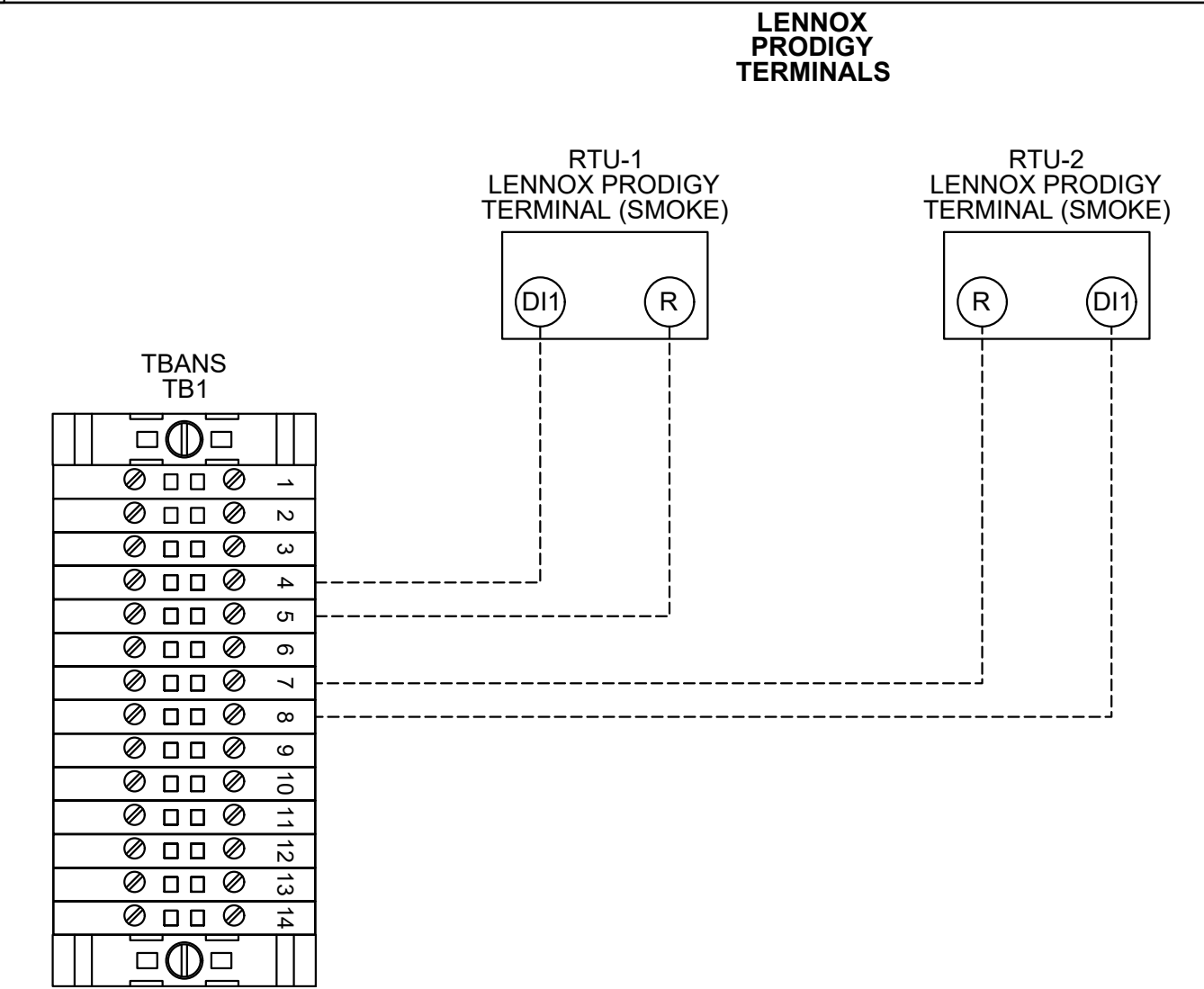
**2** TBANS FIELD CONNECTIONS - VARIOUS NTS



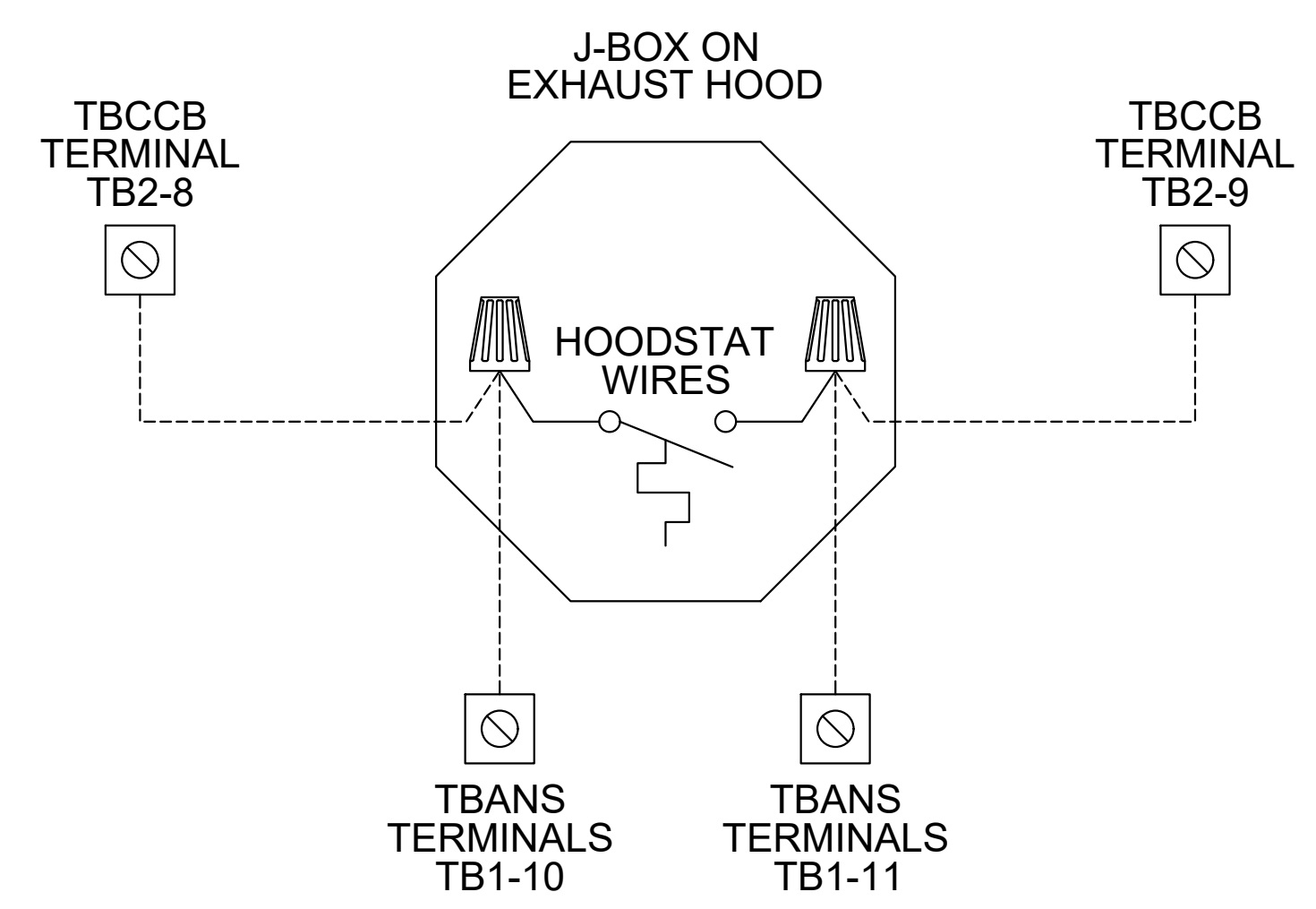
**3** TBANS FIELD CONNECTIONS - APPLIANCES NTS



**6** TBANS TO TRANE RTU SHUTDOWN NTS



**5** TBANS TO LENNOX PRODIGY SHUTDOWN NTS



**4** TBANS TO HOODSTAT TO TBCCB NTS



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ENDEAVOR 2.0  
**ELECTRICAL DETAILS**

**E7.1**

PLOT DATE: 6/23/2022





Installation, Start Up and Pre-Commissioning Checklist

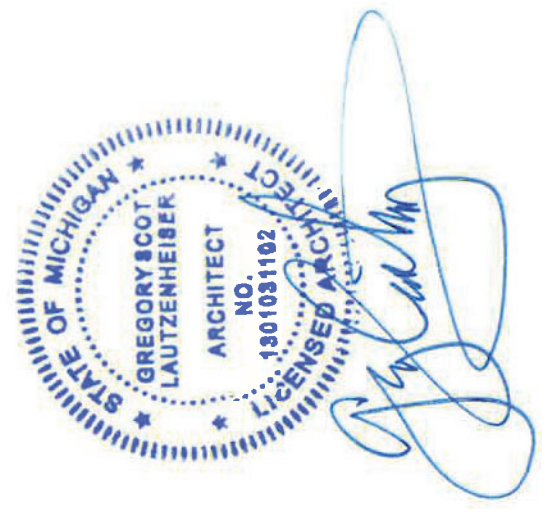
☐ = Responsible Party Initial When Completed

Reference #	Multi-Speed RTU	GC - General Contractor	EC - Electrical Contractor	M/C - Mechanical Contractor	PC - Plumbing Contractor	Ab-Air Balance Contractor	Agency	Remarks	CA-Commissioning Agent (CA Contracted By Owner)
69									
<p><b>PROCESS</b></p> <p><b>Package Units</b></p> <p>Reference and abide to all instructions in manufacturers Installation, Startup, Operation and Maintenance literature</p> <p>Units are set level</p> <p>Unit and plenums align to each other</p> <p>All loose shipped components are relocated and installed per manufacturers instructions</p> <p>a) economizer eyebrow, skirts and mist eliminator installed</p> <p>b) economizer dampers and linkage installed and operable</p> <p>c) economizer wiring connected and completed</p> <p>d) relief damper or power exhauster installed and operable</p> <p>e) smoke detectors and sample tubes relocated and installed per manufacturers instructions</p> <p>Utilities are installed and ON to the units</p> <p>a) power on and breakers sized to unit rating</p> <p>b) phases correct</p> <p>c) gas on</p> <p>d) gas gooseneck or pipe capacity meets or exceeds unit capacity</p> <p>e) condensate line is piped per plan</p> <p>f) condensate vent is on leaving side of trap</p> <p>19 No thermostat, smoke detector, remote enunciator or any other wiring runs through the plenums</p> <p>20 Manufacturers start up procedure has been followed and all units evaporator fan operates through all fan stages per manufacturers instructions</p> <p>21 Manufacturers start up procedure has been followed and all units cycle through all heating stages per manufacturers instructions</p> <p>22 Manufacturers start up procedure has been followed and all units cycle through all cooling stages per manufacturers instructions</p> <p>23 Manufacturers start up procedure has been followed and all units cycle through all economizer stages per manufacturers instructions</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p><b>Ductwork</b></p> <p>28 All ductwork and registers are installed per plan</p> <p>29 All starters and or take offs are radiused per plan.</p> <p>30 Ductwork from the exhaust register over production line to EF-2 fan base is 100% rigid per plan</p> <p>31 Balance dampers are in sleeves on axes with locking quadrant, not located in any starter collars, "T"s or "W"s and located per plan</p> <p>32</p> <p>33 Balance damper handles are flagged to identify their location</p> <p>34</p> <p>35</p> <p><b>Economizer</b></p> <p>36 All mechanical components related to the economizer have been installed</p> <p>37 "Blink off" plate under economizer eyebrow has been installed</p> <p>38 Barometric relief damper operates freely</p> <p>39 Inlet sensors for the Economizer have been properly located and connected to the Economizer</p> <p>40 Economizer has been tested to perform "Free" cooling when ambient conditions are below 55 degrees</p> <p>41 Mechanical cooling stages on when Economizer cooling is not available</p> <p>42 Mechanical cooling stages on with the Economizer cooling when conditioned space temperature rises and requires two stage cooling</p> <p>43 Economizer damper positions to minimum damper position when set</p> <p>44</p> <p>45</p> <p><b>Smoke Detectors</b></p> <p>46 Smoke detector option has been included in package unit</p> <p>47 Return side smoke detector has been relocated from its shipping position to the factory provided installation location in the return section of the package unit</p> <p>48</p> <p>49 All smoke detector sample tubes are properly located per manufacturers design</p> <p>50 The return smoke detector in each unit has been tested for unit shutdown</p> <p>51 The supply smoke detector in each unit has been tested for unit shutdown</p> <p>52 Visual Verification installation certification document has been requested (certify@ace-bcc.com)and completed</p> <p>53</p> <p><b>Remote Smoke Detector Enunciators and Resets</b></p> <p>54 A remote smoke detector enunciator and reset has been installed in the managers office for each package unit</p> <p>55 RTU 1 supply side smoke detector alarm sets off the visual and audible remote smoke detector reset for RTU 1 returns RTU 1 to normal operation</p> <p>56 RTU 1 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 1</p> <p>57 After triggering RTU 1 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation</p> <p>58 RTU 2 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation</p> <p>59 RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation</p> <p>60 After triggering RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation</p> <p>61 RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation</p> <p>62 After triggering RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation</p> <p>63 Visual Verification installation certification document has been requested (certify@ace-bcc.com)and completed</p> <p>64</p> <p>65</p> <p><b>Power Exhauster</b></p> <p>66 Power Exhauster has been installed</p> <p>67 Power Exhauster "On" aspioint has been set and turns on and off at correct economizer opening percentage</p> <p>68</p>									

Installation, Start Up and Pre-Commissioning Checklist

☐ = Responsible Party Initial When Completed

Reference #	Multi-Speed RTU	GC - General Contractor	EC - Electrical Contractor	M/C - Mechanical Contractor	PC - Plumbing Contractor	Ab-Air Balance Contractor	Agency	Remarks	CA-Commissioning Agent (CA Contracted By Owner)
69									
<p><b>PROCESS</b></p> <p><b>Fire Suppression System Shutdown</b></p> <p>70 TBANS-1 has been installed per plan location</p> <p>71 TBANS-1 has dedicated power to terminals TB-PWR</p> <p>72 TBANS terminals TB1-1 and TB1-2 are wired to "Closed when Cocked" terminals of fire suppression system microswitch per detail</p> <p>73 RTU 1 and RTU 2 low voltage control power is wired through terminals in TBANS-1</p> <p>74 If present, electronic gas valve is wired through TBANS</p> <p>75 If required, TBANS to hoodstat has been wired for EF-1 on during supressant discharge event</p> <p>76 Visual Verification installation certification document has been requested (certify@ace-bcc.com)and completed</p> <p>77</p> <p>78</p> <p>79</p> <p><b>Thermostat</b></p> <p>80 Thermostats are wired to package units per thermostat and unit wiring diagrams</p> <p>81 Package units equipped with two stage cooling have each cooling stage individually wired and controlled from their thermostat.</p> <p>82 Package units equipped with two stage heating have each heating stage individually wired and controlled from their thermostat.</p> <p>83 Thermostats are wired to TBCCB Control Box per Detail on plan sheet E-E</p> <p>84</p> <p>85 Thermostats are programmed to Taco Bell parameters</p> <p>86 Visual Verification installation certification document has been requested (certify@ace-bcc.com)and completed</p> <p>87</p> <p><b>Hoodstat</b></p> <p>88 Hoodstat has been installed in duct or hood per plan</p> <p>89 Hoodstat is wired to terminals TB2 of the TBCCB Control Box</p> <p>90 Hoodstat microswitch closes at 85 degrees</p> <p>91</p> <p>92</p> <p>93</p> <p><b>TBCCB &amp; Interlock</b></p> <p>94 Unswitched power is provided to H-HOT and N-Neutral and G-Ground terminals in the TBCCB Control Box</p> <p>95 Hoodstat wires are landed on terminals TB2 of the TBCCB Control Box</p> <p>96 Low voltage wiring has been completed between RTU 1 and TB-1 of the TBCCB Control Box</p> <p>97 Low voltage wiring has been completed between RTU 2 and TB-1 of the TBCCB Control Box</p> <p>98 Photocell is wired to the TBCCB per detail</p> <p>99</p> <p>100 Any optional switches, if used, have been installed to TBCCB per schematic</p> <p>101 "Occupied" and "Unoccupied" times for the building have been programmed into Channel/Switch 1 of the Timeclock in TBCCB Control Box</p> <p>102 "Open" and "Closed" times for Taco Bell sales have been programmed into Channel/Switch 2 of the Timeclock in TBCCB Control Box</p> <p>103 Visual Verification installation certification document has been requested (certify@ace-bcc.com)and completed</p> <p>104</p> <p>105</p> <p><b>Visual Verification</b></p> <p>106 Visual Verification installation certificate has been received for Smoke Detectors</p> <p>107 Visual Verification installation certificate has been received for Remote Smoke Detectors, Enunciators and Resets.</p> <p>108 Visual Verification installation certificate has been received for Thermostat and Remote Sensors installation</p> <p>109 Visual Verification installation certificate has been received for TBANS-1 installation</p> <p>110 Visual Verification installation certificate has been received for TBCCB authority (Owner, GC, Air Balancing Agency, Commissioning Agency)</p> <p>111</p> <p>112</p> <p>113</p> <p>114</p> <p><b>Lighting</b></p> <p>115 Interior lights are wired through the TBCCB per plan and schematic</p> <p>116 Occupancy sensor controlled lighting installed in restrooms</p> <p>117 Daylighting and dimming box (DDCB-ACI) is installed in jurisdictions requiring daylight harvesting and/or dimming of interior lights</p> <p>118 Photocell is wired to the TBCCB control box per plan and schematic</p> <p>119 Exterior lights are wired to the TBCCB control box per plan and schematic</p> <p>120 Sign lights are wired to the TBCCB control box per plan and schematic</p> <p>121 TBCCB timeclock is programmed to Taco Bell parameters</p> <p>122 Manual override of TBCCB control box timeclock activates lighting circuits</p> <p>123</p> <p>124</p> <p><b>Commissioning</b></p> <p>125 All Visual Verification installation certificates have been received</p> <p>126</p> <p>127</p> <p><b>Air Balance Supplement</b></p> <p>128 Balancing performed in accordance to ASHRAE Standard 111-2008, NEBB, TABB or AABC standards</p> <p>129 Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made</p> <p>130 Perform outside air adjustment after all other balance adjustments are complete</p> <p>131 Perform outside air adjustment at full evaporator fan speed operating point</p> <p>132 Perform outside air adjustment at medium fan speed operating point</p> <p>133 Perform outside air adjustment at low fan speed operating point</p> <p>134 Verify lobby doors closures have been adjusted for ADA compliance</p> <p>135 Verify lobby doors closures operation during full economizer function of both package units and note result in air balance report</p> <p>136 Verify pressure relief system operation in full economizer operation</p> <p>137 Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues. Note if no power exhauster is available.</p> <p>138 Provide copy of air balance report to Commissioning Agent</p>									



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PROJECT # 22002

DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END, MED 40  
PLAN VERSION: MARCH, 2021  
BRAND DESIGNER:  
SITE NUMBER: 315876  
STORE NUMBER: 458983  
PA/PM:  
DRAWN BY:  
JOB NO.:

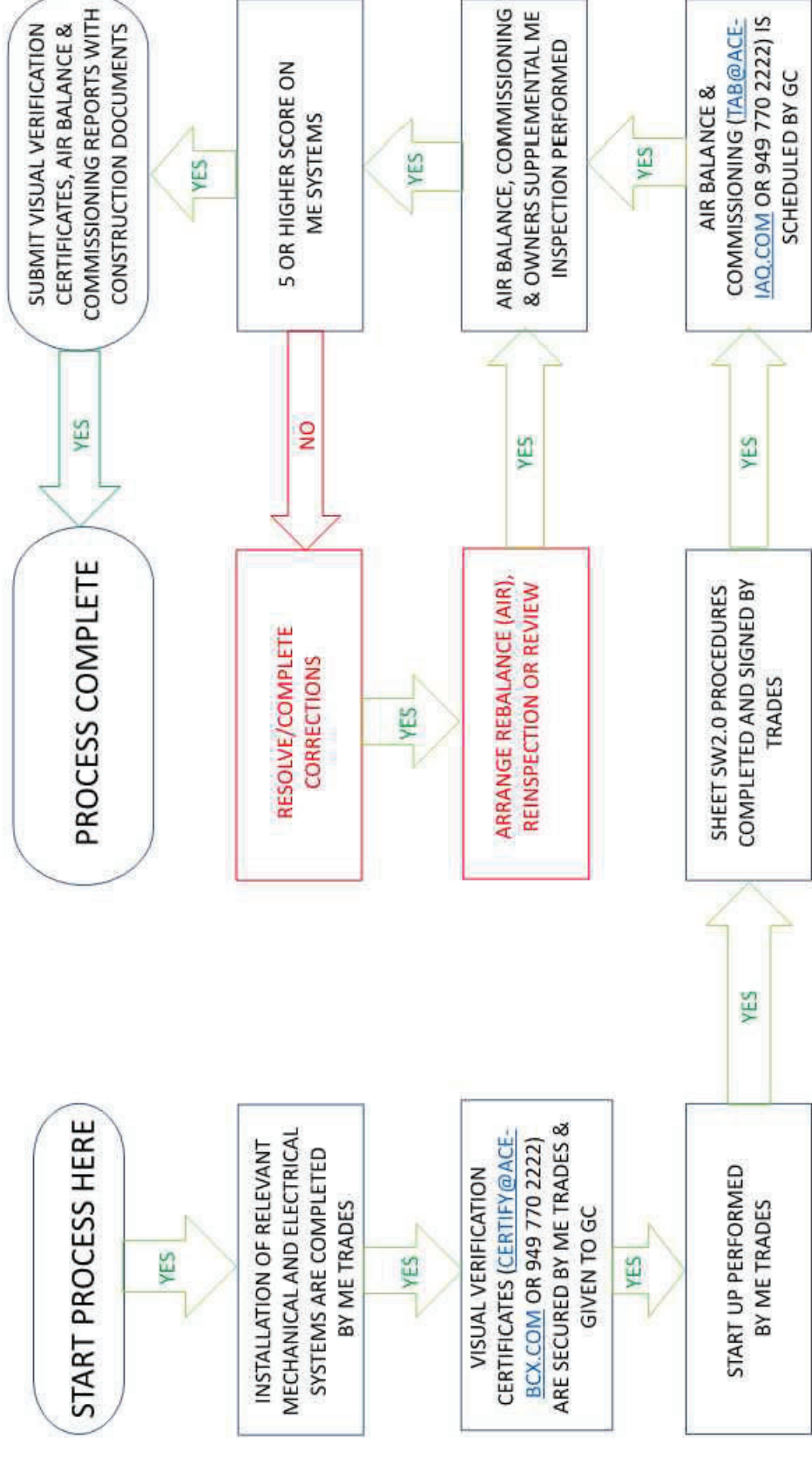
GREAT LAKES  
TACO, LLC  
2727 Main Street (M-53)  
Manitowish, Michigan 48453



ENDEAVOR 2.0  
INSTALLATION  
START-UP  
PRE-COMM  
CHECK LIST

SW2.0  
PLOT DATE: 6/23/2022

MECHANICAL – ELECTRICAL (ME) BALANCING & COMMISSIONING SEQUENCE & PROCEDURE



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**TACO, LLC**  
2727 Main Street (M-53)  
Marquette, Michigan 49853



**ENDEAVOR 2.0**  
**BALANCING**  
**AND**  
**COMMISSIONING**  
**SEQUENCE**  
**SW2.1**  
PLOT DATE: 6/23/2022