

GREAT LAKES TACO, LLC

6305 HIGHLAND ROAD (M-59) WHITE LAKE TOWNSHIP, MI 48383



LEGAL JURISDICTION:	WHITE LAKE TOWNSHIP, OAKLAND COUNTY, MICHIGAN		
BUILDING CODE:	2015 MICHIGAN BUILDING CODE		
ACCESSIBILITY:	2010 ADA - ICC/ANSI ACCESSIBLE AND USEABLE BUILDING AD FACILITIES (A117-2009)		
MECHANICAL:	2015 MICHIGAN MECHANICAL CODE		
PLUMBING:	2018 MICHIGAN PLUMBING CODE		
ELECTRICAL:	2017 NATIONAL ELECTRICAL CODE (NEC) WITH MICHIGAN AMENDMENTS		
FIRE:	2017 NFPA 70		
ENERGY:	2015 MICHIGAN ENERGY CODE (IECC 2015)		
HEALTH:	MICHIGAN FOOD LAW, ACT 92 OF 2000, AS AMENDED		
BUILDING AREA:	2,235 S.F. GROSS		
SEATING:	36 INTERIOR, 12 EXTERIOR		
OCCUPANCY:	A2		
TYPE CONSTRUCTION:	TYPE VB - UNPROTECTED		
TYPE	AREA	FACTOR	OCCUPANTS
DINING ROOM	610 S.F.	1.15 S.F.	41
QUEUING	61 S.F.	1.5 S.F.	12
KITCHEN	657 S.F.	1.200 S.F.	3
OFFICE	63 S.F.	1.100 S.F.	1
ACCESSORY STORAGE	348 S.F.	1.300 S.F.	0
ACCESSORY RESTROOMS & PASSAGE	209 S.F.	0	0
TOTAL			58

PROJECT SUMMARY

# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT
GAS:	785,000 BTUH
WIND SPEED:	115 M.P.H. / EXPOSURE C
SEISMIC:	USE GROUP II - DESIGN CATEGORY B
ROOF LIVE LOAD:	20 P.S.F.

DESIGN CRITERIA

LAND SITUATED IN THE COUNTY OF OAKLAND, TOWNSHIP OF WHITE LAKE, STATE OF MICHIGAN, IS DESCRIBED AS FOLLOWS:
 A PART OF THE NORTHEAST 1/4 OF SECTION 20, TOWN 3 NORTH, RANGE 8 EAST, WHITE LAKE TOWNSHIP, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS COMMENCING AT THE CENTER OF SECTION; THENCE NORTH 00 DEGREES 31 MINUTES 08 SECONDS EAST ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 20, 198.92 FEET; THENCE NORTH 89 DEGREES 58 MINUTES 09 SECONDS EAST, 519.78 FEET; THENCE SOUTH 87 DEGREES 30 MINUTES 16 SECONDS EAST, 513.36 FEET; THENCE 28.28 FEET ON A CURVE TO THE RIGHT WITH A RADIUS OF 5821.58 FEET, CHORD BEARING AND DISTANCE OF SOUTH 84 DEGREES 52 MINUTES 11 SECONDS EAST, 28.28 FEET; THENCE SOUTH 84 DEGREES 42 MINUTES 00 SECONDS EAST, 435.29 FEET; THENCE 118.86 FEET ON A CURVE TO THE LEFT WITH A RADIUS OF 5637.58 FEET, CHORD BEARING AND DISTANCE OF SOUTH 85 DEGREES 18 MINUTES 14 SECONDS EAST, 118.86 FEET TO THE POINT OF BEGINNING; THENCE NORTH 00 DEGREES 01 MINUTE 09 SECONDS WEST, 236.61 FEET; THENCE 94.59 FEET ALONG A CURVE TO THE LEFT WITH A RADIUS OF 5333.50 FEET, CHORD BEARING AND DISTANCE OF NORTH 05 DEGREES 00 MINUTES 27 SECONDS WEST, 94.46 FEET; THENCE SOUTH 89 DEGREES 40 MINUTES 32 SECONDS EAST, 147.67 FEET; THENCE SOUTH 00 DEGREES 19 MINUTES 28 SECONDS WEST, 338.00 FEET; THENCE 137.67 FEET ALONG A CURVE TO THE RIGHT WITH A RADIUS OF 5637.58 FEET, CHORD BEARING AND DISTANCE OF NORTH 86 DEGREES 36 MINUTES 27 SECONDS WEST, 137.67 FEET TO THE POINT OF BEGINNING.

LEGAL DESCRIPTION

OWNER GREAT LAKES TACO, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	ARCHITECT L+A ARCHITECTS, INC. 441 S. LIVERNOIS, SUITE 265 ROCHESTER HILLS, MI 48307 CONTACT: GREG LAUTZENHEISER PHONE: 248.524.4700
CONSTRUCTION MANAGER DORTCH ENTERPRISES, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	FOUNDATIONS ENGINEER BORYN ENGINEERING 4780 BIRKDALE DRIVE COMMERCE TOWNSHIP, MI 48382 CONTACT: ED BORYN PHONE: 248.360.3717
CIVIL ENGINEER KEM-TEC & ASSOCIATES 22556 GRATIOT AVENUE EASTPOINTE, MI 48021 CONTACT: GREG EZZO PHONE: 810.712.8849	STRUCTURAL ENGINEER VOIGHT AND ASSOCIATES 4635 NICOLS ROAD, SUITE 204 EAGAN, MN 55122 CONTACT: PAUL VOIGHT, P.E. PHONE: 615.686.7727
LANDSCAPE ARCHITECT C/O DORTCH ENTERPRISES, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	M/E/P ENGINEER EAM ENGINEERS 400 SOUTH OLD WOODWARD, SUITE 100 BIRMINGHAM, MI 48009 CONTACT: GENE SIMO PHONE: 248.52.2670

PROJECT DIRECTORY

SEWER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	TELEPHONE (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
WATER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	DEPT. OF TRANSPORTATION (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
GAS (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	CABLE / INTERNET (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
ELECTRIC (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	OTHER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:

- ALL WORK SHALL CONFORM TO THE 2015 EDITION OF THE MICHIGAN BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF WHITE LAKE TOWNSHIP AND OAKLAND COUNTY.
- IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- DRAWINGS ARE BASED ON A SURVEY, REVISE DATED OCTOBER 18, 2021, PREPARED BY KEM-TEC AND SHALL BE INCLUDED IN THE CIVIL ENGINEER'S PACKAGE OF DOCUMENTS.
- THIS BUILDING HAS BEEN DESIGNED WITHOUT A GEOTECHNICAL INVESTIGATION AND REPORT BEING COMPLETED PRIOR TO COMPLETION OF THESE PLANS. THE FOUNDATIONS WERE DESIGNED BASED UPON THE MINIMUM DESIGN ALLOWANCE IN THE 2015 MICHIGAN BUILDING CODE WITH THE PROJECT'S FOUNDATIONS CONTRACTOR RETAINING THE SERVICES OF A GEOTECHNICAL ENGINEER TO COMPLETE GEOTECHNICAL INVESTIGATION AND PROVIDE WRITTEN REPORT(S).
- DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE GREAT LAKES TACO, L.L.C. CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- RETAIN THE SERVICES OF THE GEOTECHNICAL ENGINEER TO PROVIDE BORINGS, REPORTS OBSERVATION AND TESTING SERVICES BEFORE AND DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION WITH CIVIL ENGINEER PRIOR TO START OF FOUNDATION WORK.
- SUBMIT, PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. GREAT LAKES TACO, L.L.C. WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- GREAT LAKES TACO, L.L.C. CONSTRUCTION MANAGER SHALL PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION AND PRIOR TO COMMENCING WORK.
- ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCE WITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

	OFFICE	ROOM NAME
	A	SHEET NUMBER
	XX	ELEVATION NUMBER
	8'-4"	CEILING HEIGHT
	X	BLDG. SECTION LETTER
	XX	BLDG. SECTION SHEET
	X	DETAIL NUMBER
	XX	DIRECTION OF DETAIL
	XX	DETAIL SHEET
	△	REVISION NUMBER
	0'-0" ELEV.	BLDG. HEIGHT REFERENCE POINT
REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS		

GENERAL DRAWING SYMBOLS



VICINITY MAP

SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS
 SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS

TITLE/GEN. CONDITIONS

T1.0	TITLE SHEET
G1.0	GREEN CHECKLIST SHEET
G2.0	TRASH ENCLOSURE DETAILS
G3.0	PEST PREVENTION GUIDE
G4.0	SIGNAGE PLAN
G4.1	SIGNAGE DETAILS

STRUCTURAL

S1.0	FOUNDATION PLAN
S2.0	WALL FRAMING PLAN
S3.0	ROOF FRAMING PLAN
S4.0	FOUNDATION DETAILS
S4.1	STRUCTURAL DETAILS
S4.2	STRUCTURAL DETAILS
S4.3	STRUCTURAL DETAILS
S4.4	STRUCTURAL DETAILS
S5.0	CANOPY/AWNING BLOCKING ELEVATIONS

ARCHITECTURAL SITE

A0.5	SITE PLAN
A0.6	DIMENSION SITE PLAN
A0.7	PHOTOMETRIC SITE PLAN
C1.0	SITE DETAILS

LANDSCAPE

L1.0	SITE LANDSCAPE PLAN AND DETAILS
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ARCHITECTURAL BUILDING

A1.0	FLOOR PLAN
A1.1	DOOR & WINDOW ELEVATIONS & SCHEDULES
A2.0	EQUIPMENT AND SEATING PLAN
A2.1	EQUIPMENT SCHEDULE
A3.0	ROOF PLAN
A4.0	EXTERIOR ELEVATIONS
A4.1	EXTERIOR ELEVATIONS
A5.0	BUILDING SECTIONS
A5.1	BUILDING SECTIONS
A5.2	WALL SECTIONS
A5.3	WALL SECTIONS
A5.4	WALL SECTIONS
A6.0	CONSTRUCTION DETAILS ROOF
A6.1	CONSTRUCTION DETAILS DOOR/WINDOW
A6.2	CONSTRUCTION DETAILS WALL
A6.3	FINISH DETAILS
A6.4	CONSTRUCTION DETAILS INTERIOR
A6.5	CEILING DETAILS
A7.0	FLOOR FINISH PLAN
A7.1	REFLECTED CEILING PLAN
A7.2	FINISH SCHEDULE
A8.0	INTERIOR ELEVATIONS DINING ROOM
A8.1	INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN
A8.2	INTERIOR ELEVATIONS KITCHEN
A8.3	INTERIOR ELEVATIONS KITCHEN

ACCESSIBILITY

ADA1.0	ACCESSIBILITY REQUIREMENTS
ADA1.1	ACCESSIBILITY REQUIREMENTS
ADA1.2	ACCESSIBILITY REQUIREMENTS
ADA1.3	ACCESSIBILITY REQUIREMENTS

MECHANICAL

M1.0	MECHANICAL SCHEDULES AND NOTES
M2.0	DUCT AND DIFFUSER PLAN
M2.1	MECHANICAL ROOF PLAN
M3.0	HOOD DETAILS AND SECTIONS
M4.0	MECHANICAL DETAILS
M5.0	CONTROLS DETAILS

PLUMBING

P1.0	PLUMBING SCHEDULES AND NOTES
P2.0	WASTE AND VENT PLAN
P3.0	WATER AND GAS PLAN
P4.0	PLUMBING ROUGH-IN PLAN
P5.0	RISER DIAGRAMS
P6.0	PLUMBING DETAILS

ELECTRICAL

E1.0	SITE ELECTRICAL PLAN
E2.0	ELECTRICAL ONE LINE DIAGRAMS AND LEGEND
E2.1	ELECTRICAL SCHEDULE
E2.2	ELECTRICAL SCHEDULE
E3.0	ELECTRICAL POWER PLAN
E3.1	ENLARGED POWER PLAN AND DETAILS
E3.2	ELECTRICAL POWER ROOF PLAN
E4.0	LIGHTING PLAN AND DETAILS
E5.0	COMMUNICATIONS PLAN
E6.0	ELECTRICAL DETAILS - TBCCB
E6.1	ELECTRICAL DETAILS - TBCCB
E7.0	ELECTRICAL DETAILS

SCOPE OF WORK

SW1.0	SCOPE OF WORK
SW2.0	INSTALLATION START-UP PRE-COMM CHECK LIST
SW2.1	BALANCING AND COMMISSIONING SEQUENCE

SPECIFICATIONS

IN BOOK FORMAT

PROJECT GENERAL NOTES

SHEET INDEX



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 # 20023

DATE	REMARKS
2/25/2022	Issued for Bids

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

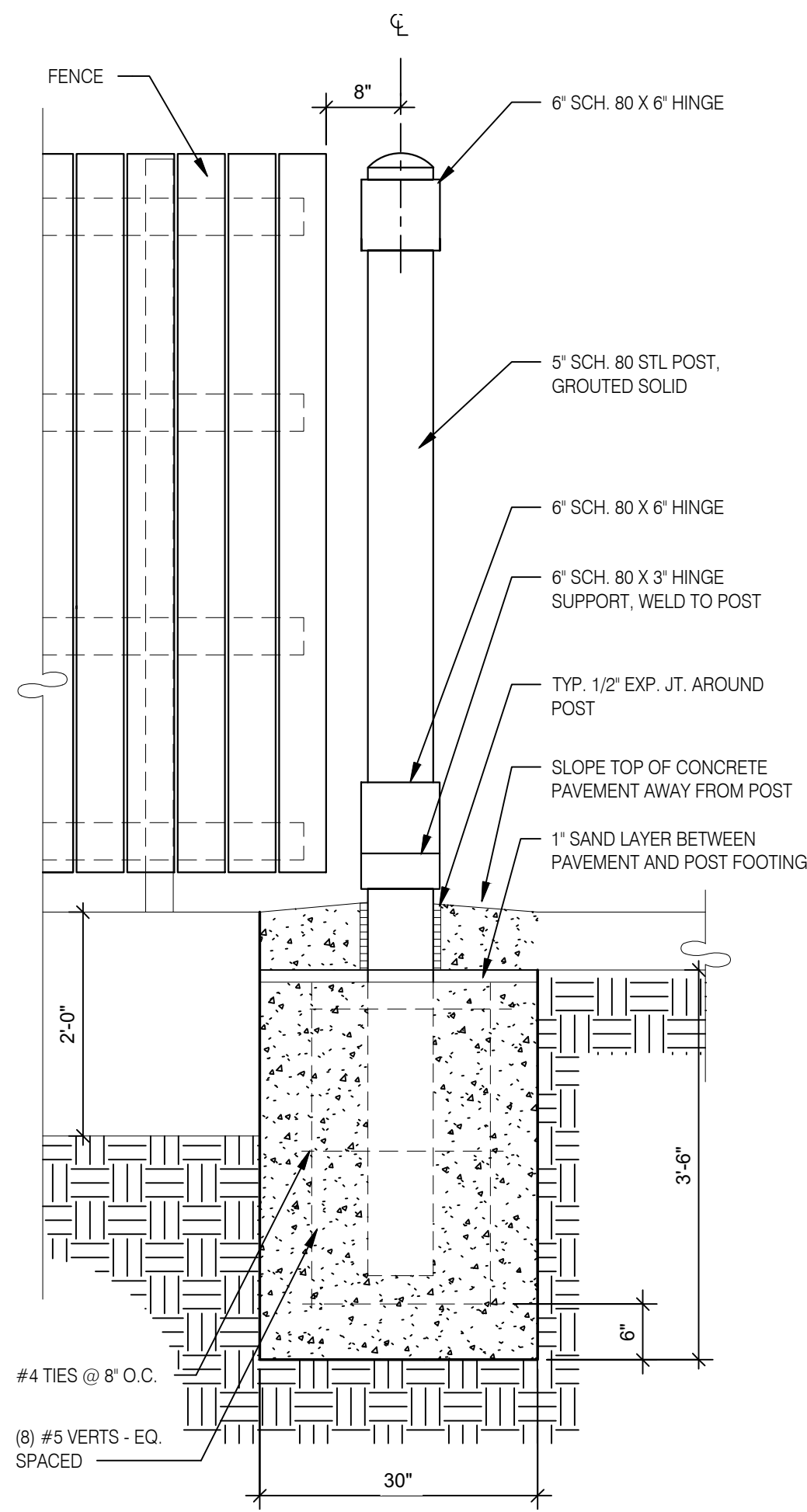
GREAT LAKES TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0
 TITLE SHEET

T1.0

PLOT DATE: 2/25/2022



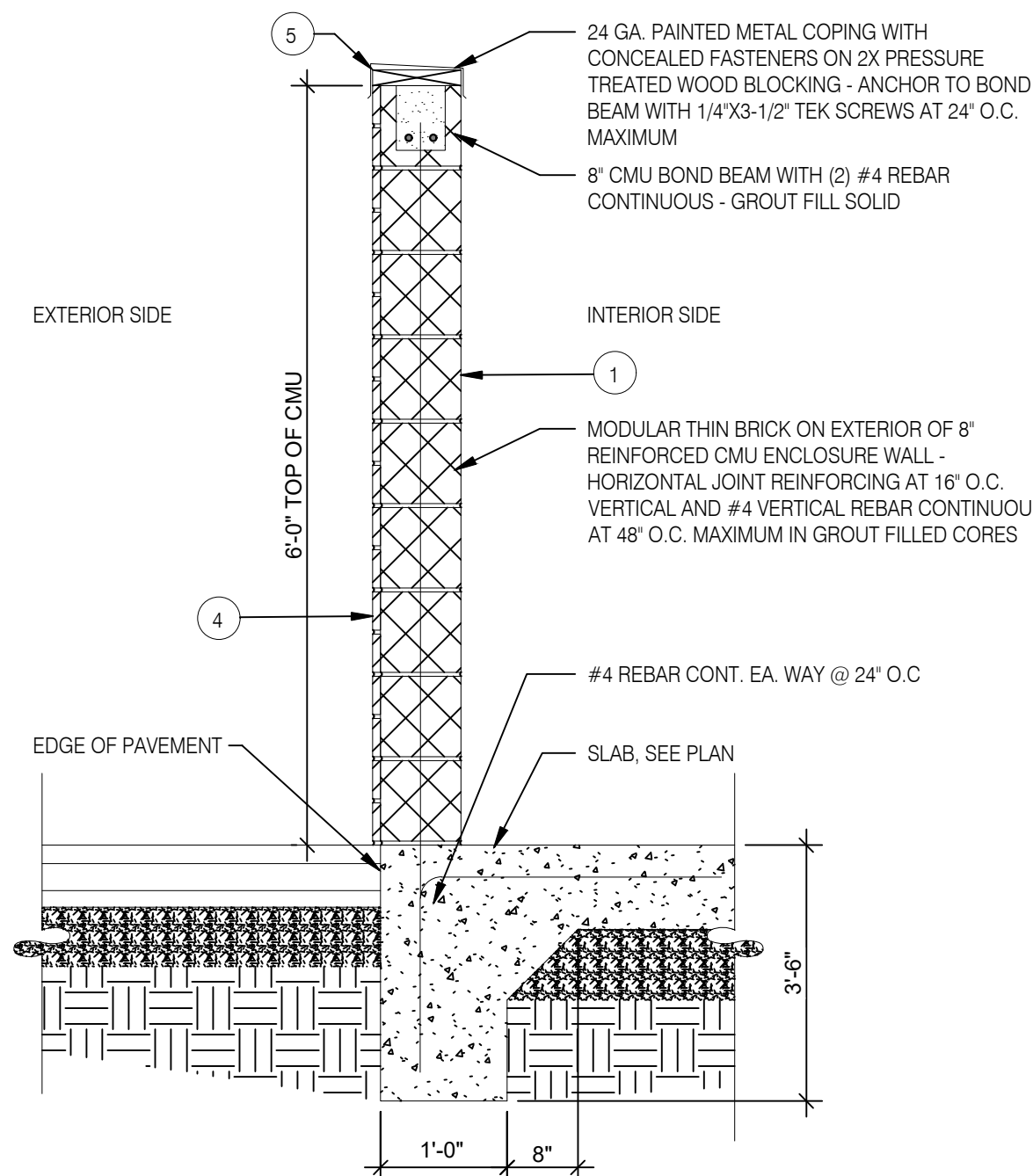
GATE POST FOOTING 3/4" = 1'-0" **H**

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: (4) 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.

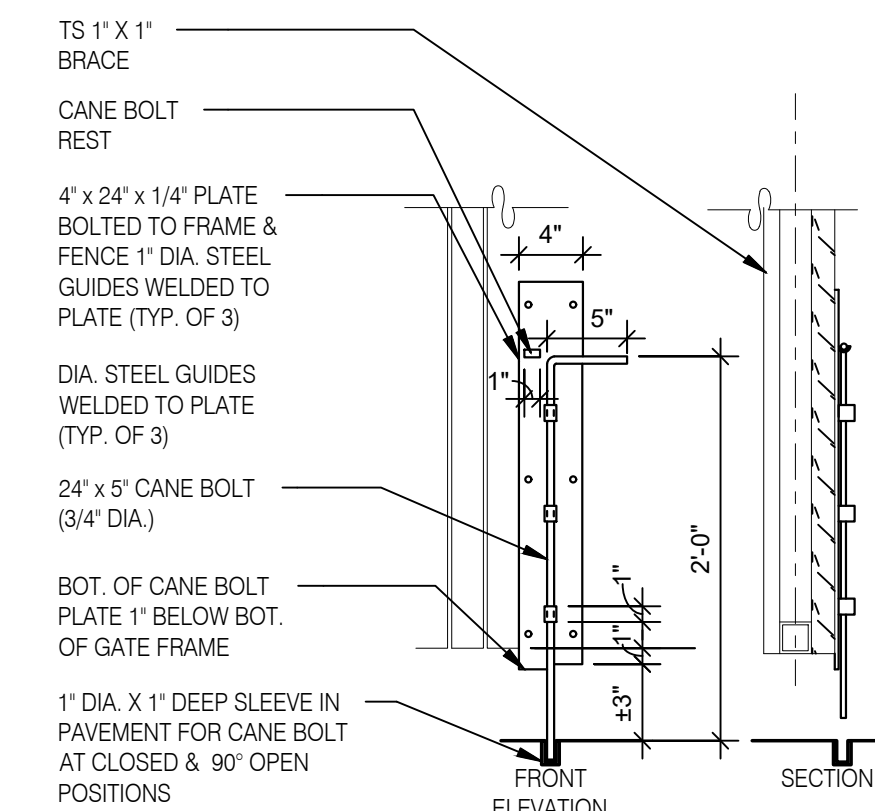
ENCLOSURE NOTES N.T.S. **G**



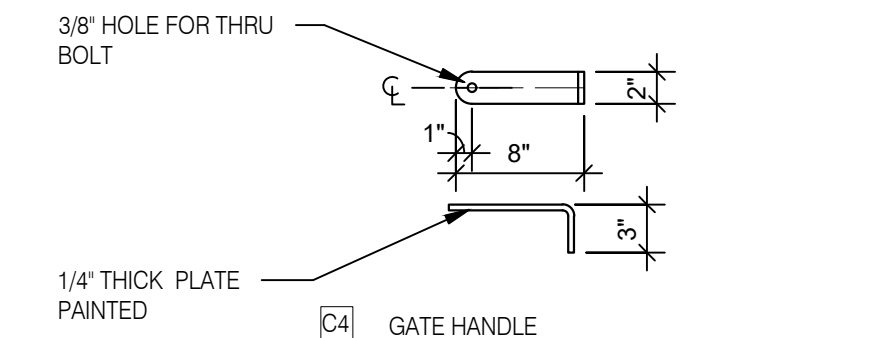
FENCE SECTION 3/4" = 1'-0" **F**

SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME AND EXPOSED CMU COLOR	SHERWIN WILLIAMS	SW 7055 ENDURING BRONZE
2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW
3	HDPE LUMBER	MAX. R	LIGHT BROWN TEXTURE
4	3 3/16" X 7 5/8" MODULAR THIN BRICK	INTERSTATE BRICK COMPANY	70% PEWTER / 30% PLATINUM RANDOM MIX INSTALL
5	PAINTED METAL COPING		CYBERSPACE (SN7076) KYNAR 500 COATING

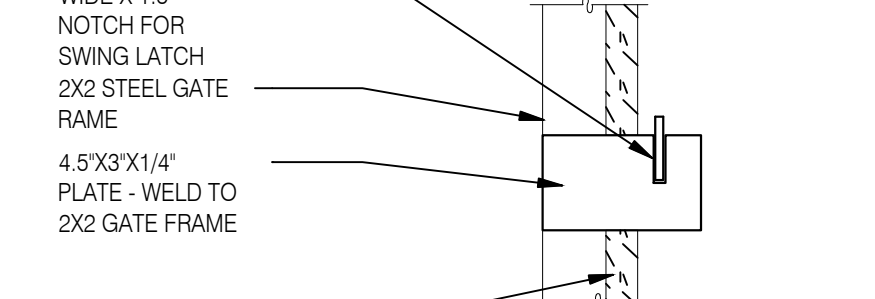
SCHEDULE N.T.S. **E**



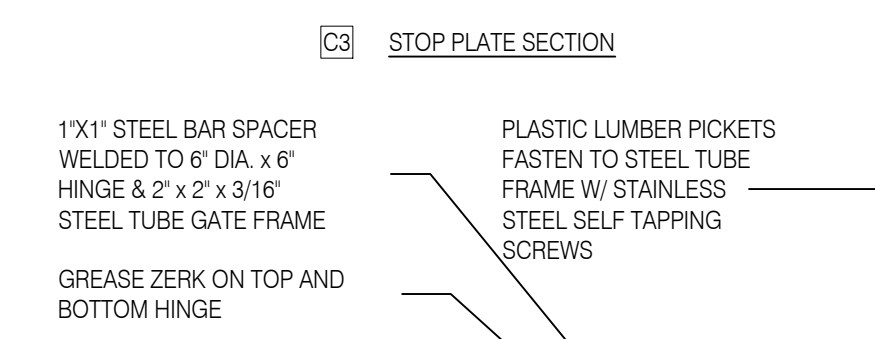
C2 GATE HINGE DETAIL PLAN SECTION



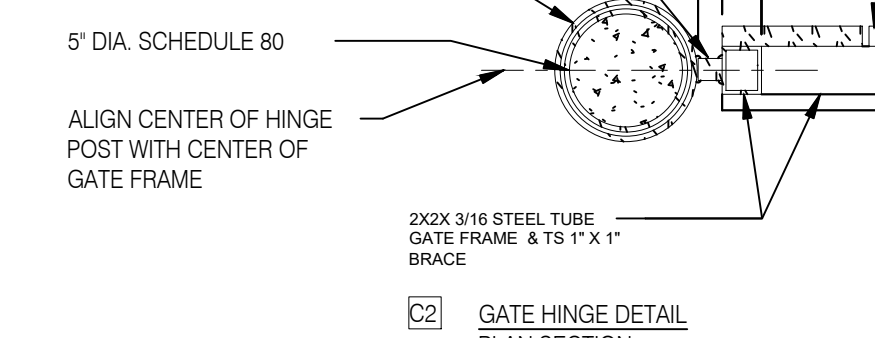
C3 STOP PLATE SECTION



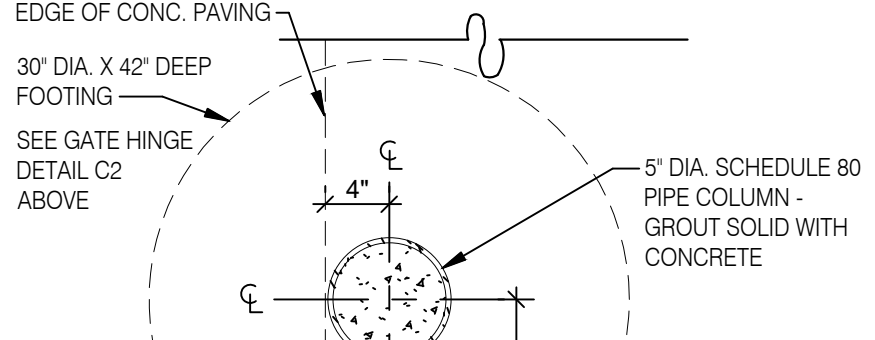
C2 GATE HINGE DETAIL PLAN SECTION



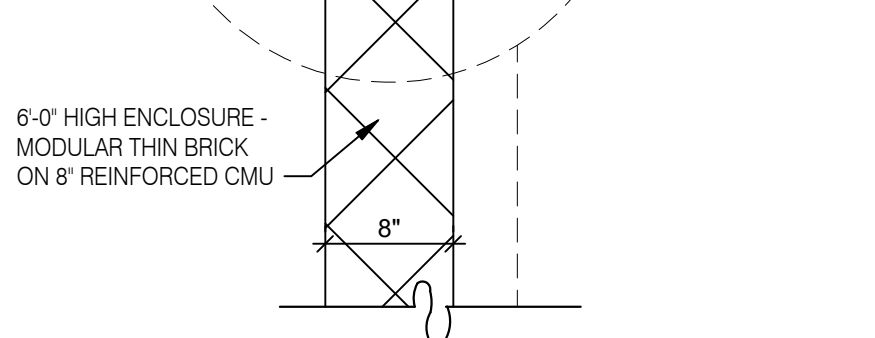
C1 JAMB DETAIL PLAN SECTION



C2 GATE HINGE DETAIL PLAN SECTION



C1 JAMB DETAIL PLAN SECTION



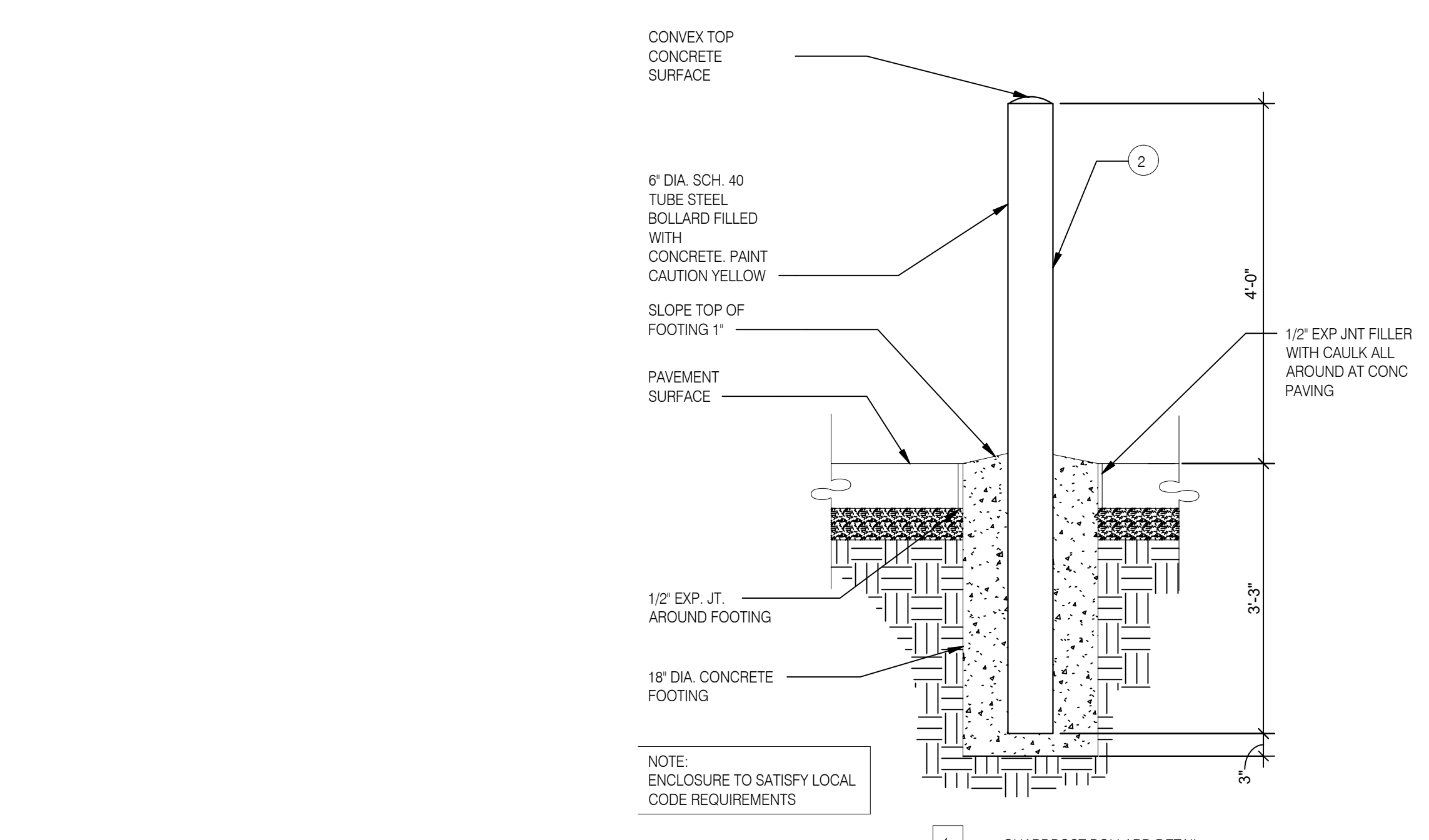
C1 JAMB DETAIL PLAN SECTION

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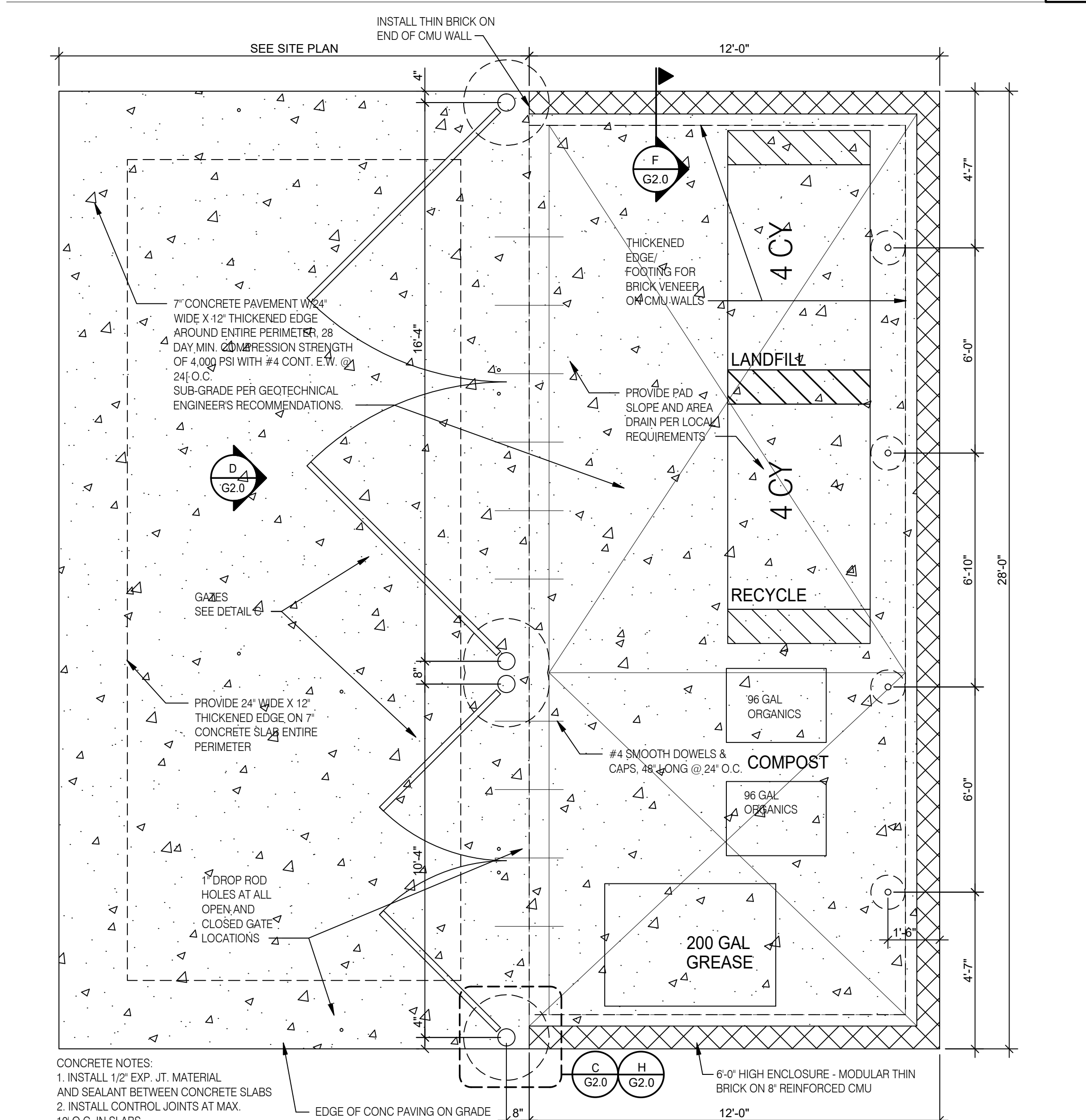
C1 JAMB DETAIL PLAN SECTION

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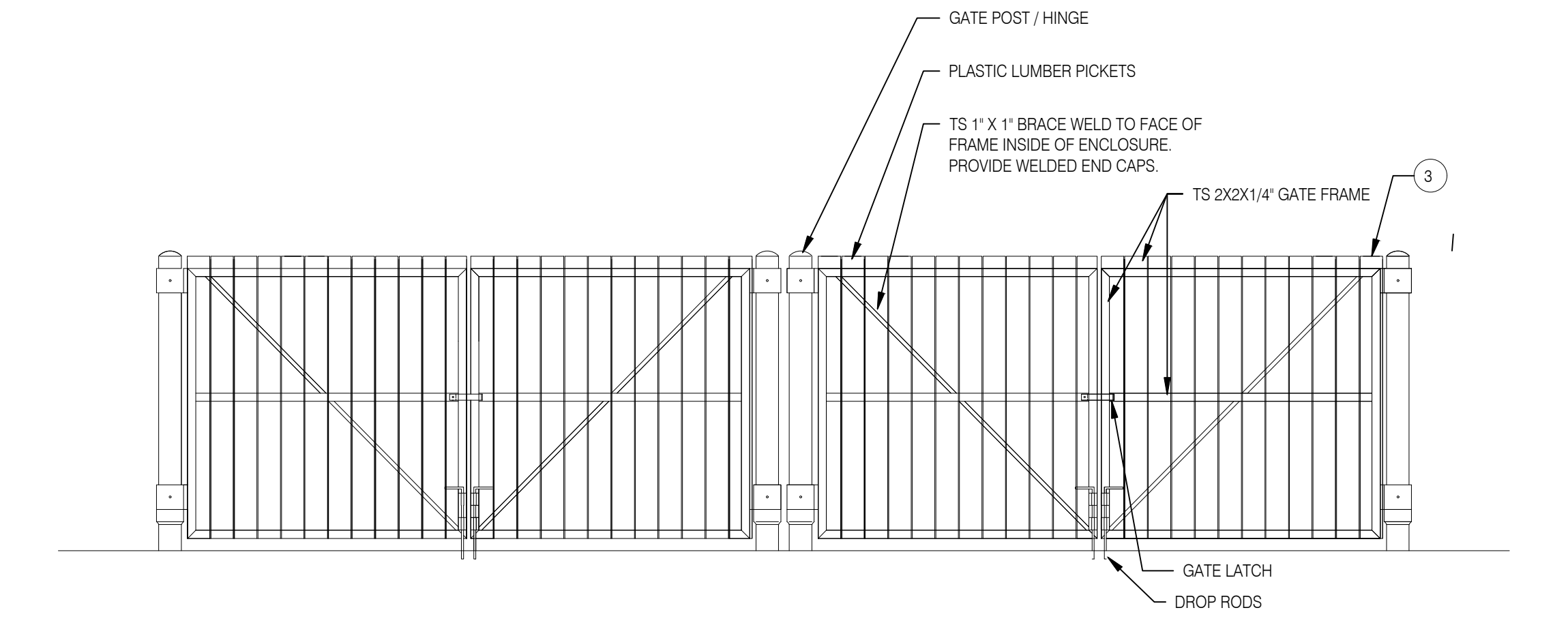


1 GUARDPOST BOLLARD DETAIL

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



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



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

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



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 # 20023

DATE	REMARKS
2/25/2022	ShaneRuffin@pdsal

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

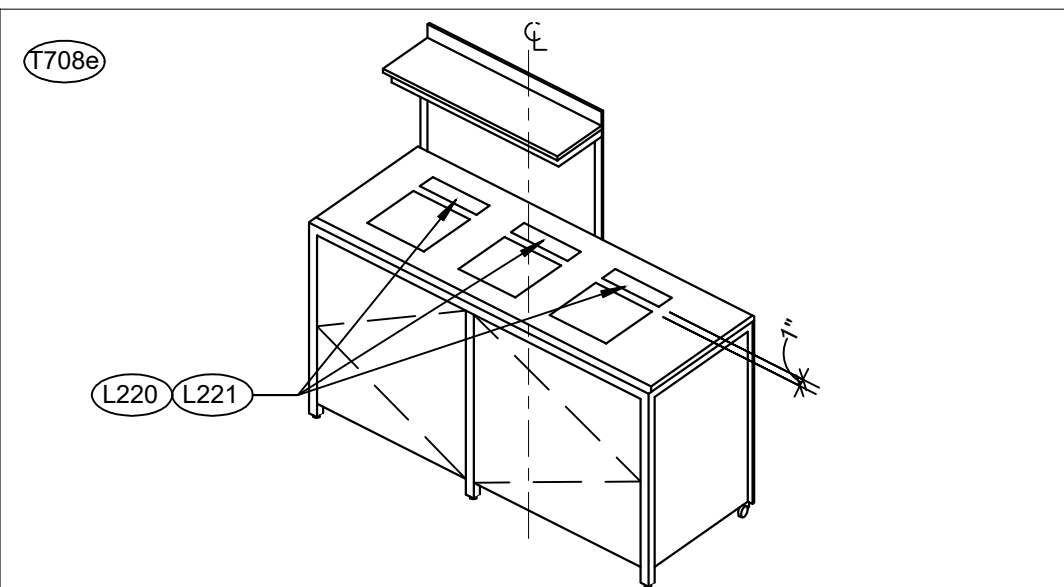
GREAT LAKES TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0 TRASH ENCLOSURE DETAILS

G2.0

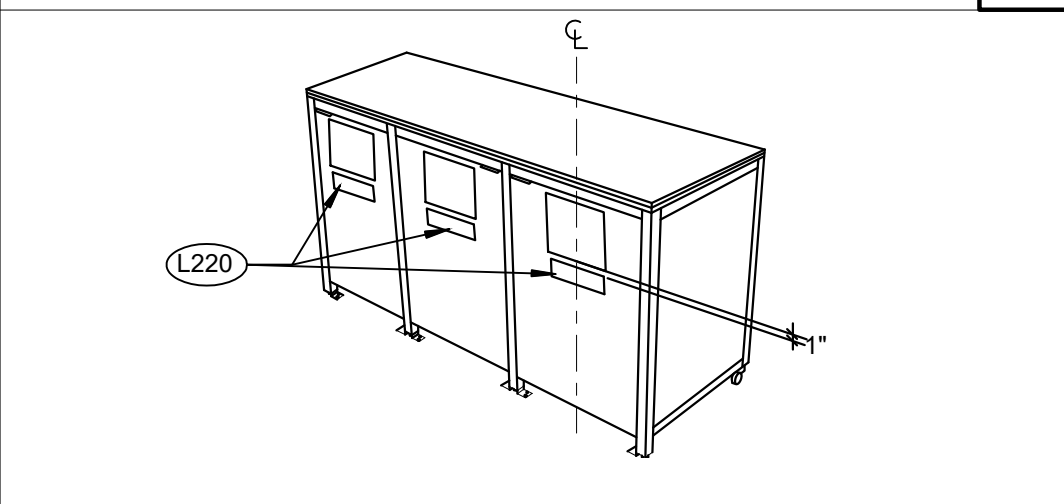
PLANT DATE: 2/25/2022



3-STREAM TRASH

N.T.S.

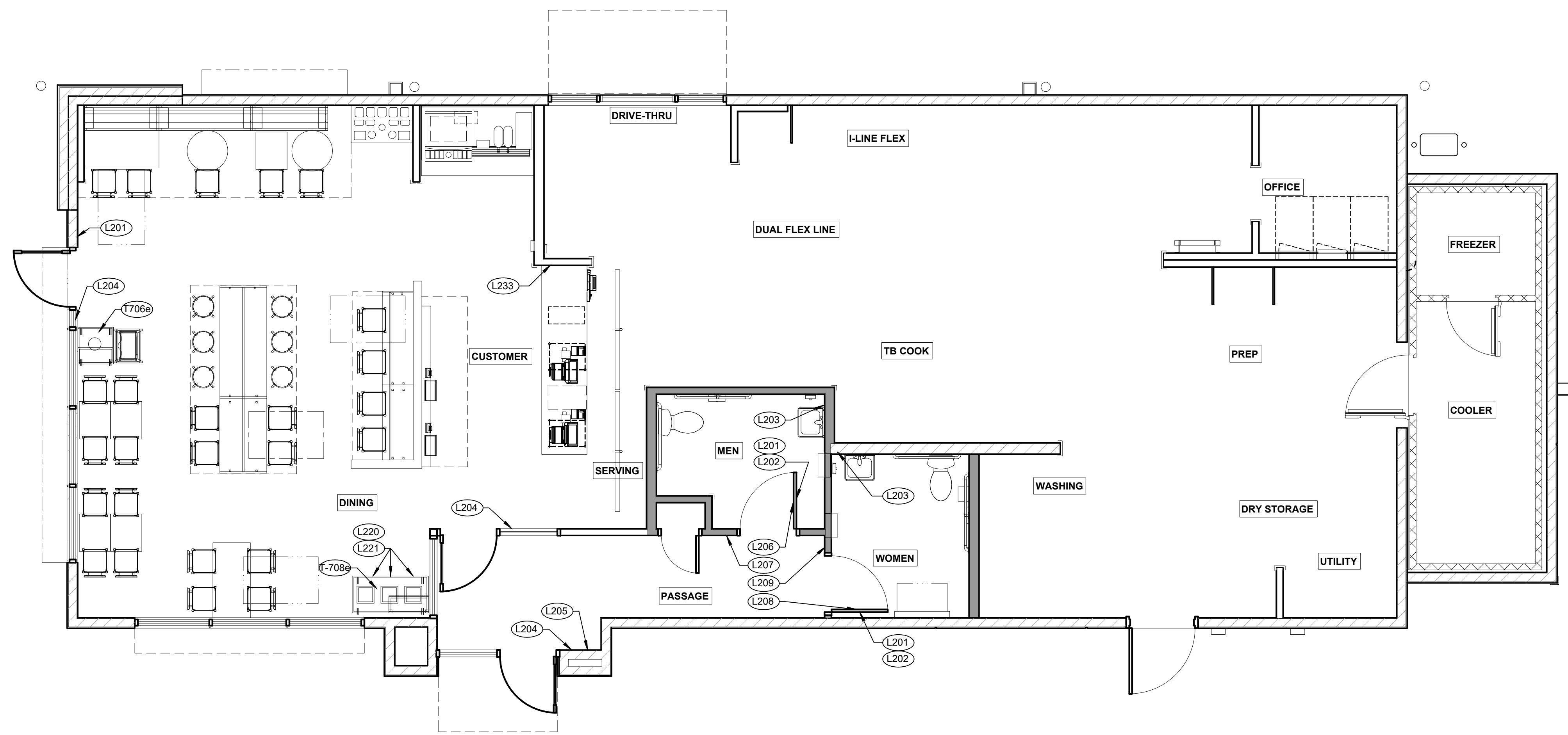
4



3-STREAM EXTERIOR

N.T.S.

5



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



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 # 20023

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BRAND DESIGNER:

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STORE NUMBER:

PA/PM:

DRAWN BY.:

JOB NO.:

GREAT LAKES
TACO, L.L.C.

6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
SIGNAGE PLAN

G4.0

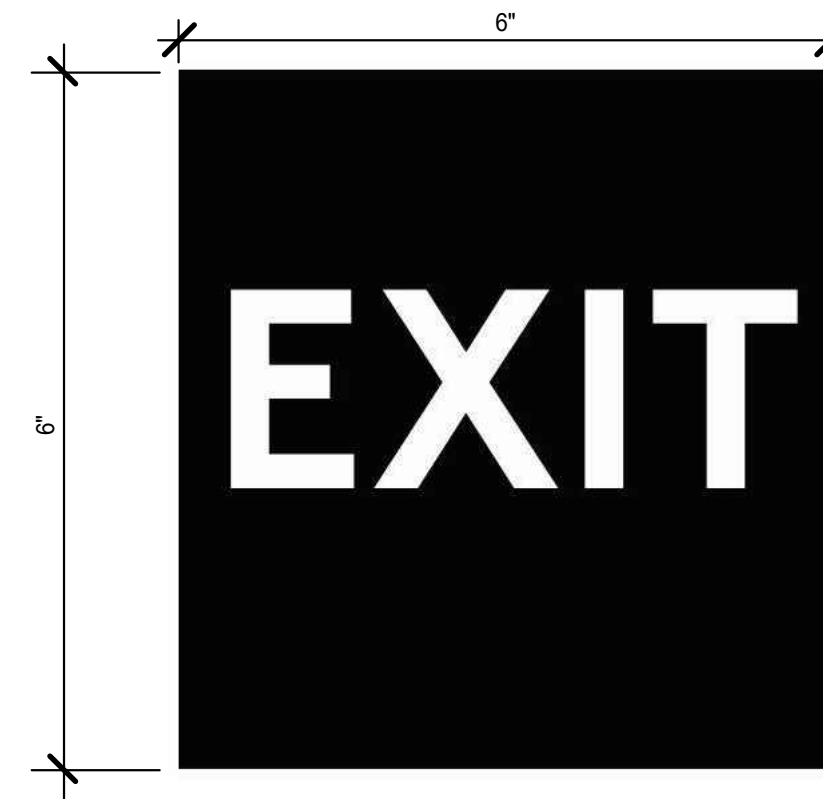
PLOT DATE: 2/25/2022



3 STREAM TRASH 1 - BIN LABELS (L220) 13



WOMEN RESTROOM WHITE SIGN (L208) 9



EXIT BRAILLE SIGN (L204) 5



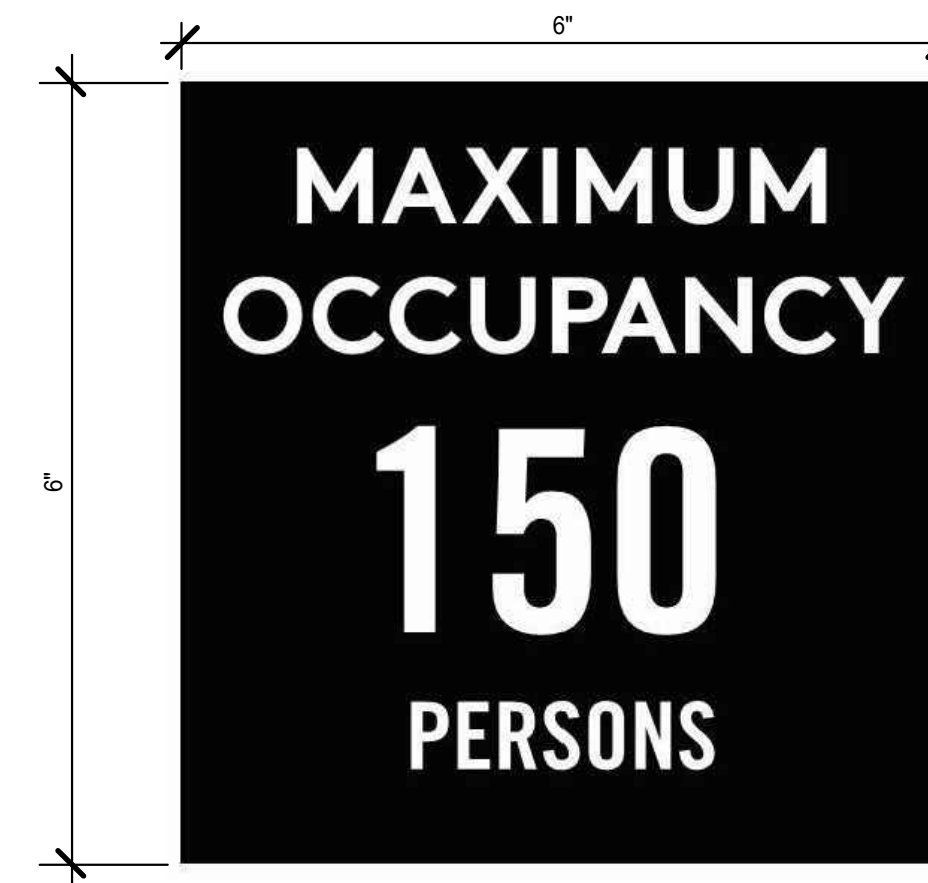
NO SMOKING SIGN (L201) 1



3 STREAM TRASH 2 - LABELS (L221) 14



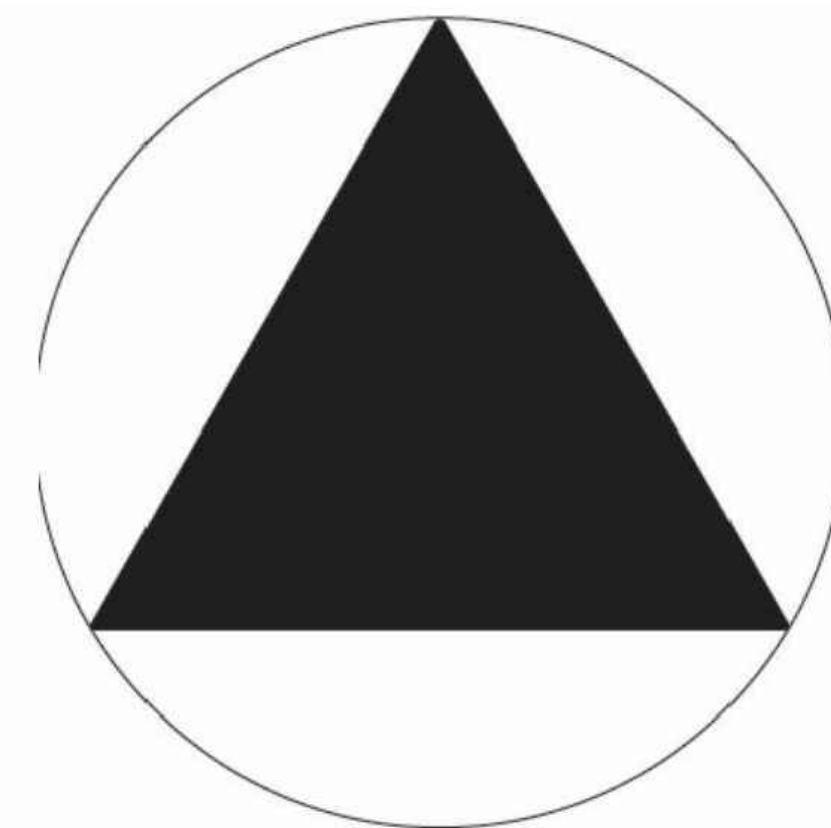
WOMEN RESTROOM BRAILLE SIGN (L209) 10



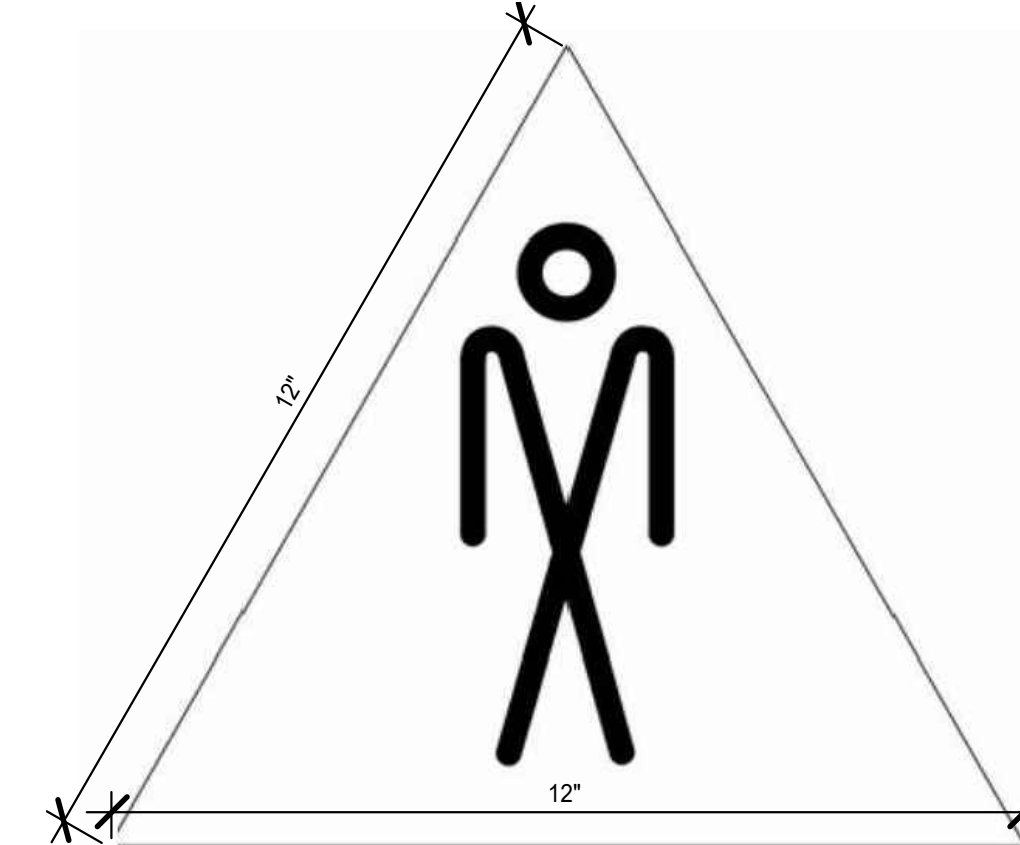
OCCUPANCY SIGN (L205) 6



CLEAN RESTROOM SIGN (L202) 3



GENDER NEUTRAL RESTROOM SIGNAGE (L228) 11



MEN RESTROOM WHITE SIGN (L206) 7



IF YOU NEED ASSISTANCE (L233) 12



MEN RESTROOM BRAILLE SIGN (L207) 8



HAND WASH NOTICE SIGN (L203) 4



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PROJECT # 20023

DATE	REMARKS
2/25/2022	Issued for Bids

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

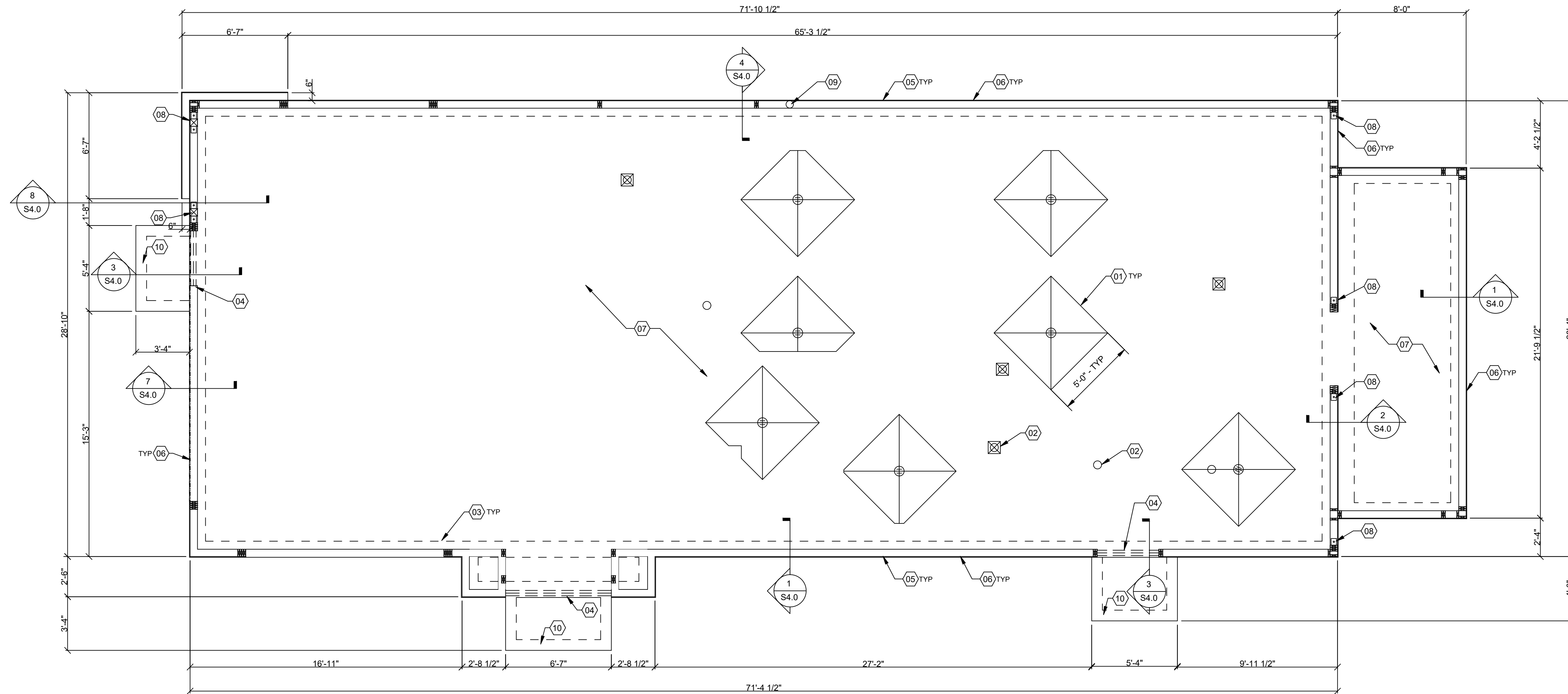
GREAT LAKES
TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
SIGNAGE
DETAILS

G4.1

PLOT DATE: 2/25/2022



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

DESIGN CRITERIA:

DESIGN CRITERIA:
 2015 MICHIGAN BUILDING CODE AND REFERENCES NOTED WITHIN

ROOF SNOW LOADS:
 GROUND SNOW LOAD (Pg): 30 PSF
 EXPOSURE FACTOR (Ce): 0.9
 IMPORTANCE FACTOR (I): 1.0
 THERMAL FACTOR (Ct): 1.0

ROOF LOADS:
 LIVE LOAD: 20 PSF
 DEAD LOAD: 20 PSF

WIND LOADS:
 3 SECOND GUST: 115 MPH
 RISK CATEGORY: II
 EXPOSURE CATEGORY (MWFRS): C
 INTERNAL PRESSURE COEFF.: ±.18

SEISMIC LOADS:
 RISK CATEGORY: II
 SEISMIC IMPORTANCE FACTOR: 1.0
 SITE CLASS: D

MAPPED SPECTRAL RESPONSE ACCEL:
 Ss: 0.070g
 S1: 0.041g

SPECTRAL RESPONSE COEFF.:
 SHORT PERIODS (SDS): 0.070g
 1 SEC. PERIODS (SD1): 0.041g
 SEISMIC DESIGN CATEGORY: B

WOOD SHEARWALLS:
 RESPONSE MOD FACTOR (R): 6.5
 DESIGN BASE SHEAR (Cs): 0.05W
 ANALYSIS BY SIMPLIFIED PROCEDURE

FOUNDATION NOTES - TYP U.N.O.:

- FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL ENGINEERING REPORT BY _____ DATED _____ PROJECT NO. _____
- CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON 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.

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				
FOUNDATIONS				

- 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.
- SLAB:**
 A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ W/W 6#6-W/1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY, OVER 10 MIL. VISQUEEN MEMBRANE, OVER 4" AGGREGATE BASE, OVER ENGINEERED SUBGRADE.
- MISCELLANEOUS:**
 A. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.
 B. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
 C. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
 D. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.
 E. SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N.
 F. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

FOUNDATION NOTES **C**

- 01** FLOOR DRAINS LOCATED 1/2" BELOW T.O. SLAB. SLOPE SLAB AS INDICATED ON PLAN TO PROVIDE POSITIVE DRAINAGE.
- 02** PROVIDE HUB DRAIN (HD) OR CLEANOUT UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- 03** INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0. BOTTOM OF FOOTING (B.O.F.)
- 04** DEPRESSED FOUNDATION WALL AT THRESHOLD. SEE 3/S4.0.
- 05** 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 D/S2.0.
- 06** CONTINUOUS R-5 RIGID INSULATION WITH GRADE FLASHING ON OUTSIDE FACE OF FOUNDATION - FULL HEIGHT.
- 07** CONCRETE SLAB ON GRADE - SEE C/S1.0 FOR ADDITIONAL INFORMATION.
- 08** REFER TO SHEET S1 FOR HOLD DOWN AND EMBEDMENT INFORMATION.
- 09** ROUND PLUMBING CLEANOUT.
- 10** 4" MINIMUM FULLY SUPPORTED SLAB WITH 6"x6"W/1.4X1.4 WELDED WIRE MESH ON 8"x42" MINIMUM FOOTINGS OUTSIDE EXTERIOR DOORS.

FOUNDATION KEYNOTES **B**

DESIGN CRITERIA **D**



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 PROJECT # 20023

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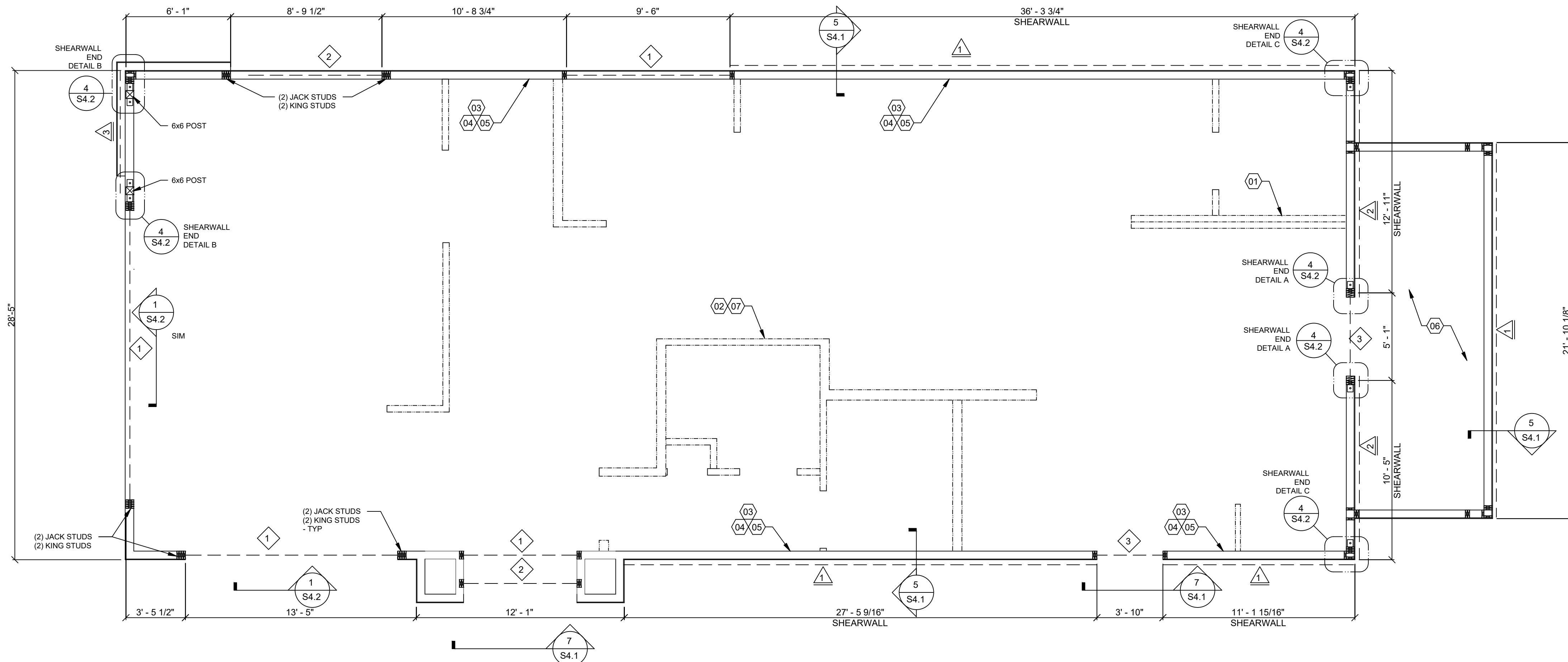
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 White Lake Twp., Michigan 48383



ENDEAVOR 2.0
FOUNDATION
PLAN

S1.0

PLOT DATE: 11/1/2021



DIMENSIONS HAVE BEEN REVISED

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) 2x8	--

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 6" 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.O.N.:
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.
 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.
 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 ENDWALLS (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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 PROJECT # 20023

DATE	REMARKS
10-15-2021	SPA COMMENTS

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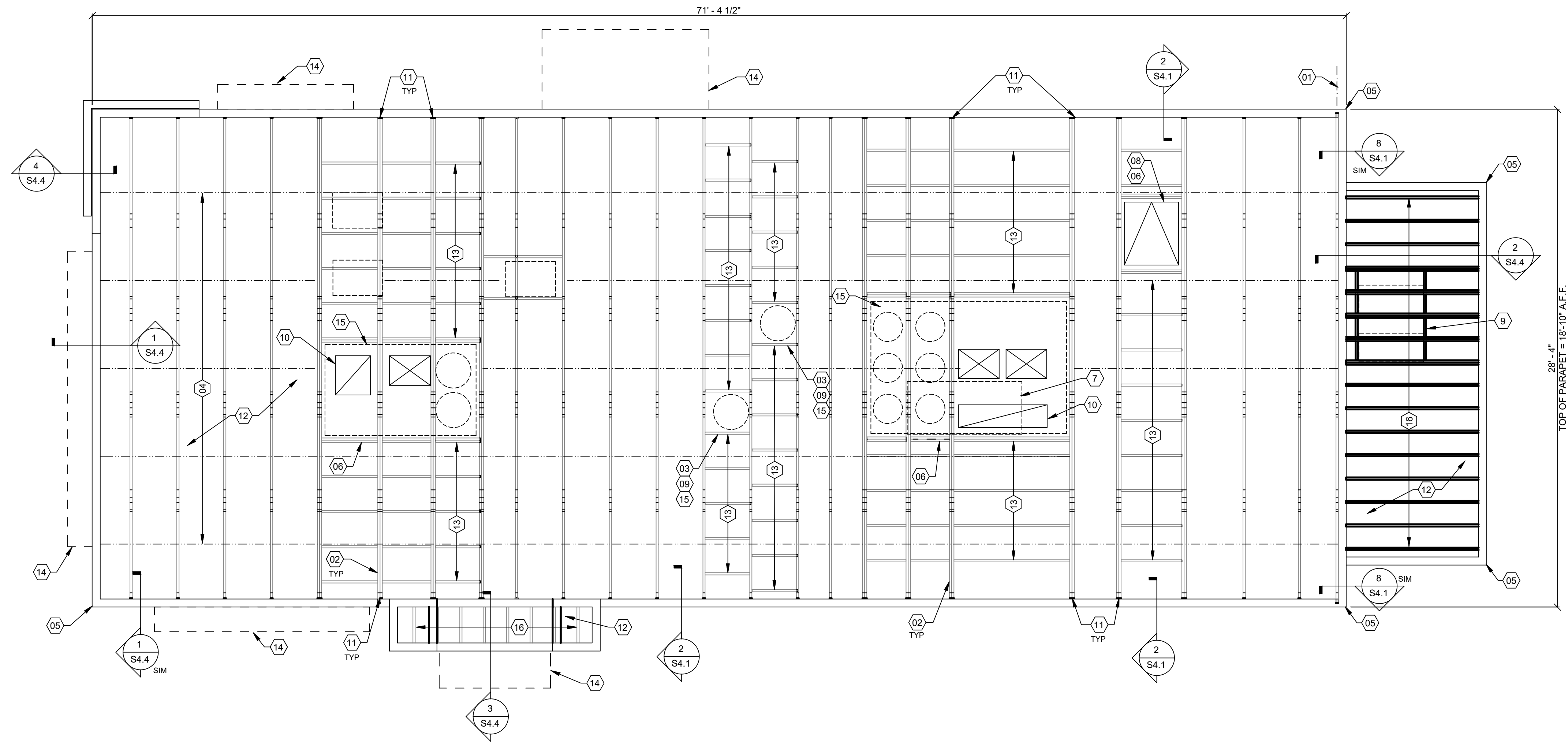
GREAT LAKES TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0 WALL FRAMING PLAN

S2.0

PLOT DATE: 11/1/2021



TOP OF PARAPET = 18'-10" A.F.F.
28'-4"

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 FRAMING NOTES - TYP U.O.N.:

- ROOF FRAMING NOTES:**
 A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCS 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 _____), TO THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. 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.

- 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 5/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 NAILING SCHEDULE D

ROOF FRAMING NOTES C

ROOF FRAMING KEYNOTES B



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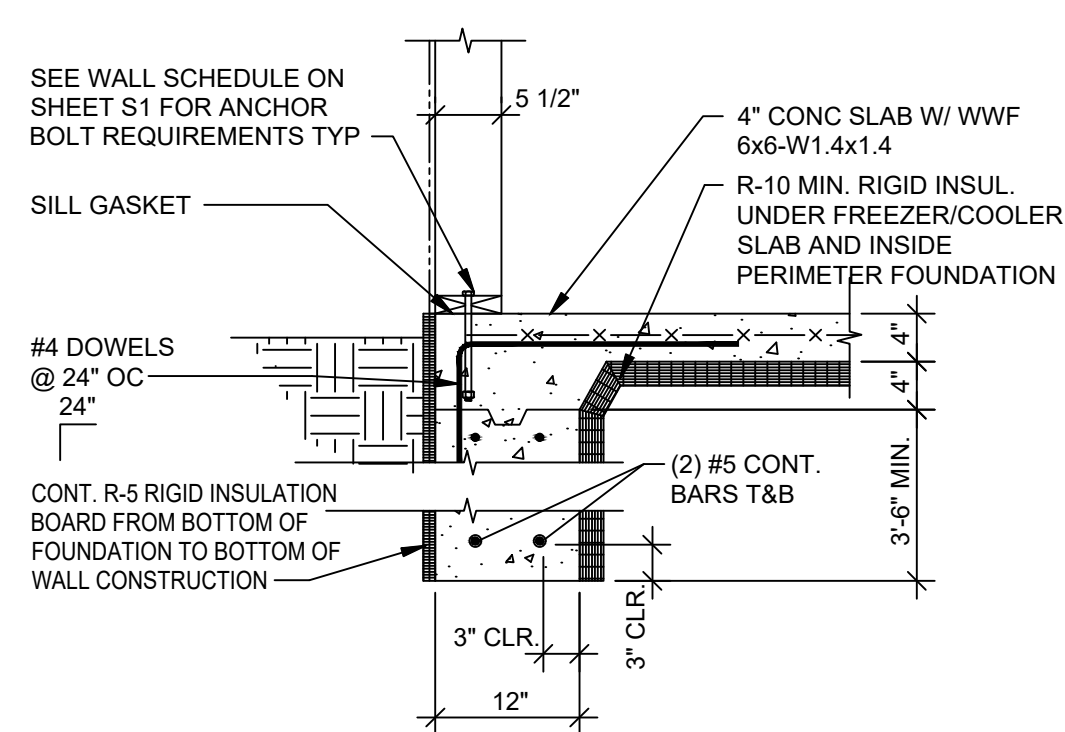
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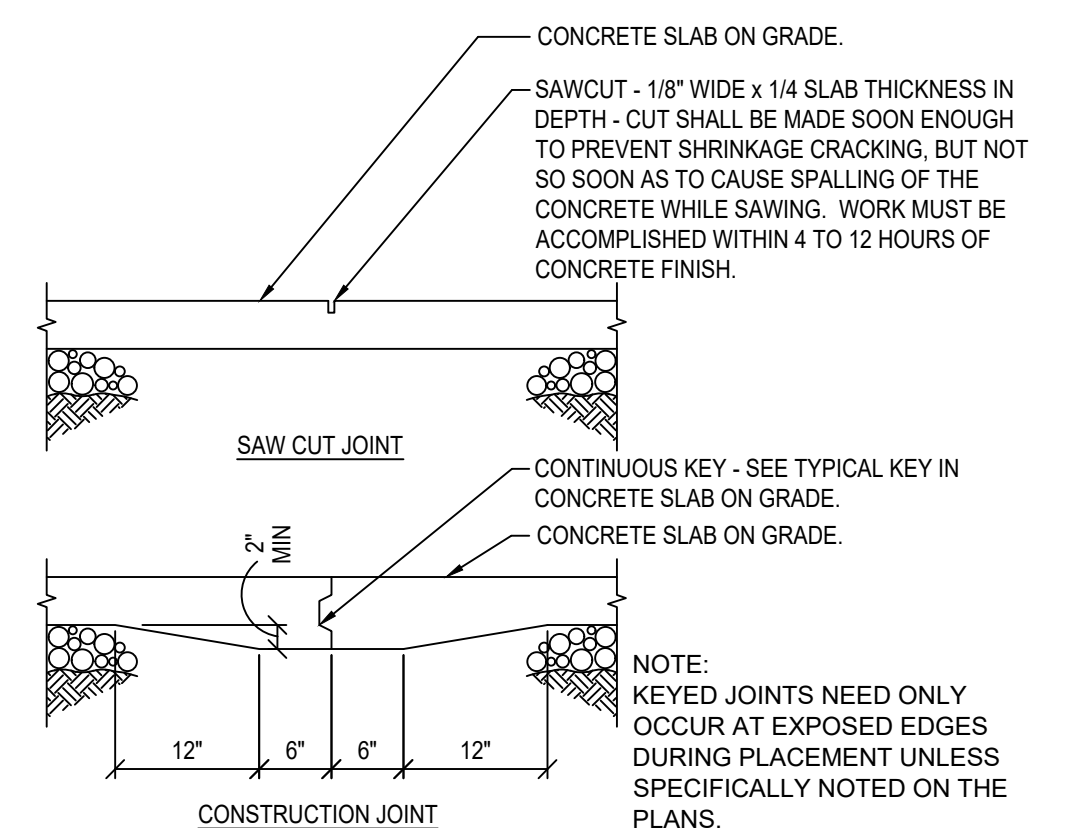
ENDEAVOR 2.0
ROOF FRAMING
PLAN

S3.0

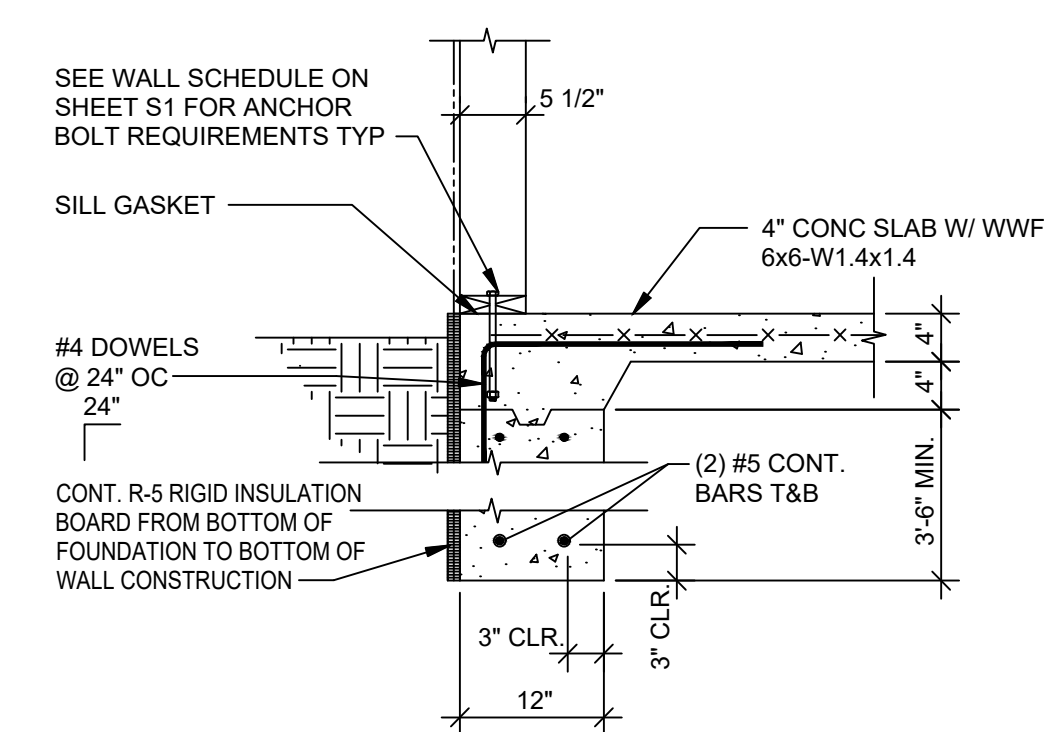
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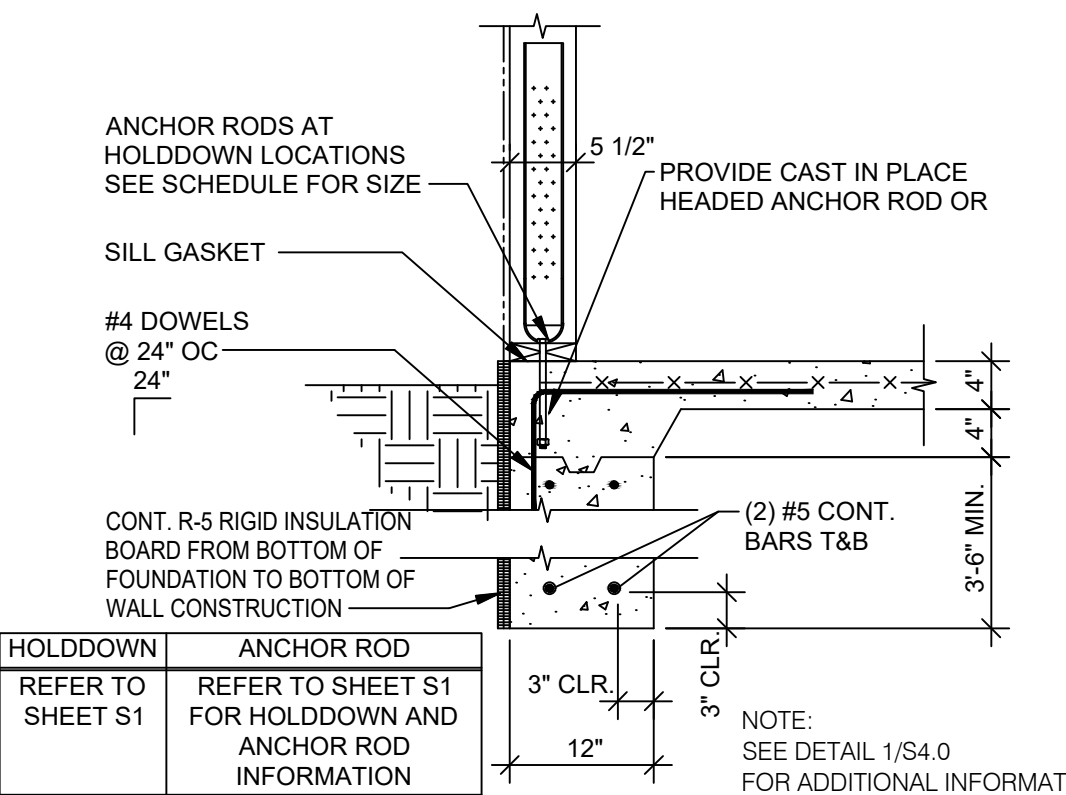
FREEZER/COOLER SECTION NO SCALE **9**



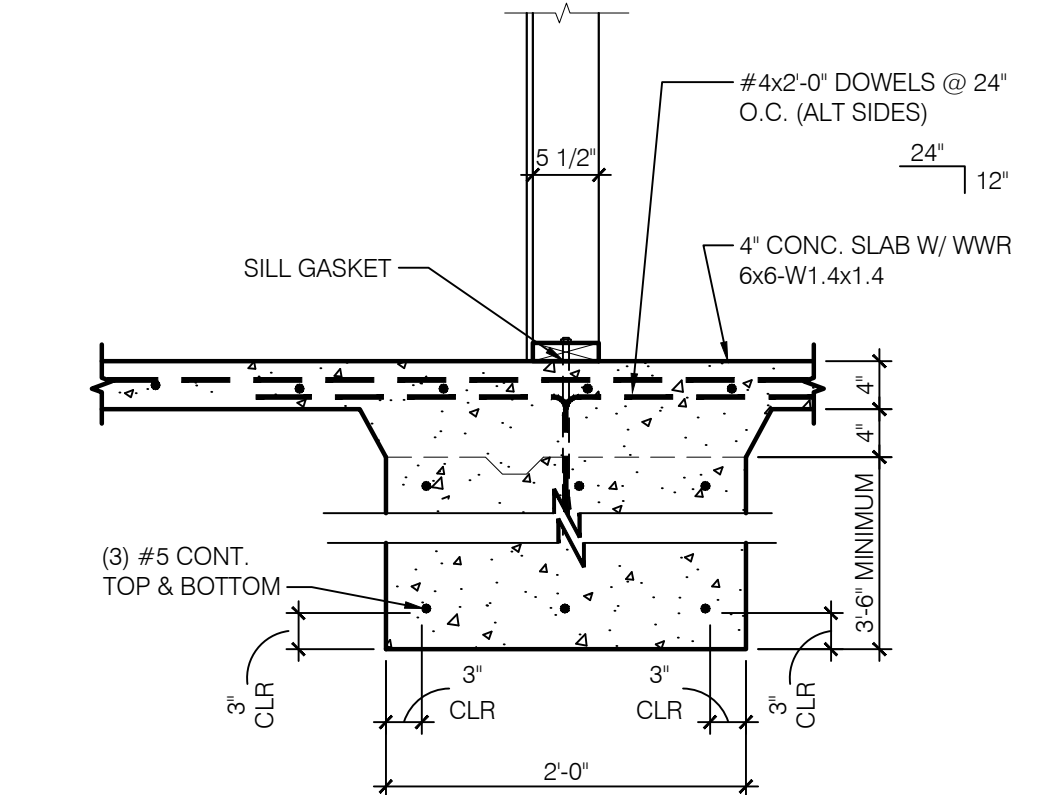
CONCRETE CONTROL JOINT NO SCALE **5**



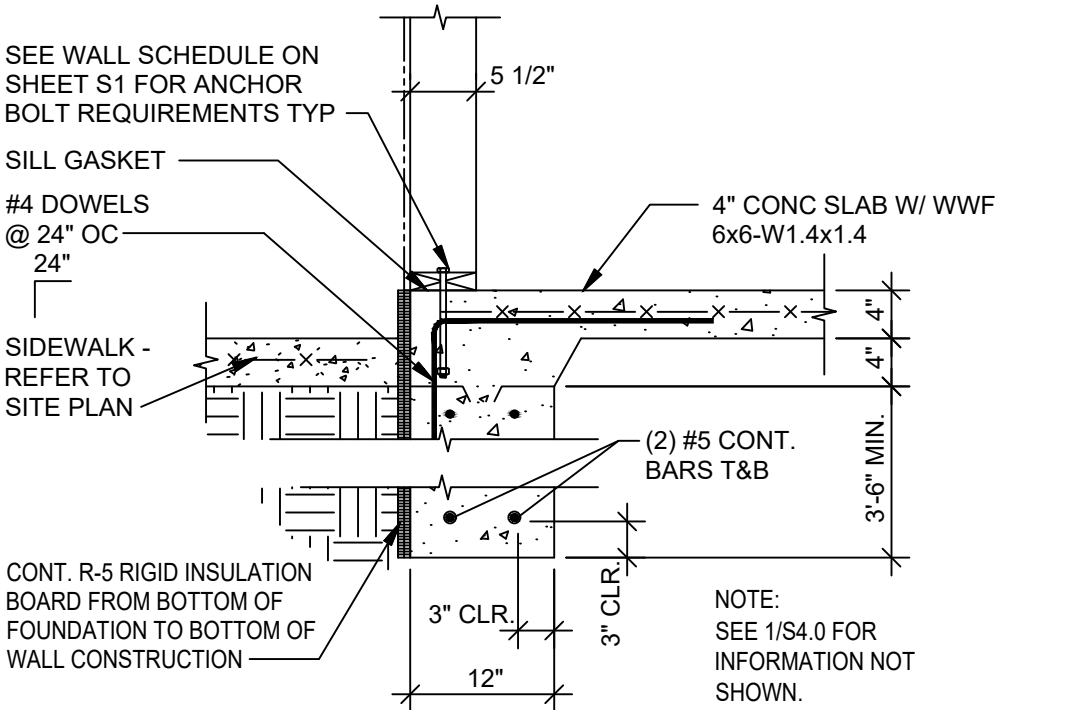
FOOTING AT SIDE AND REAR WALLS NO SCALE **1**



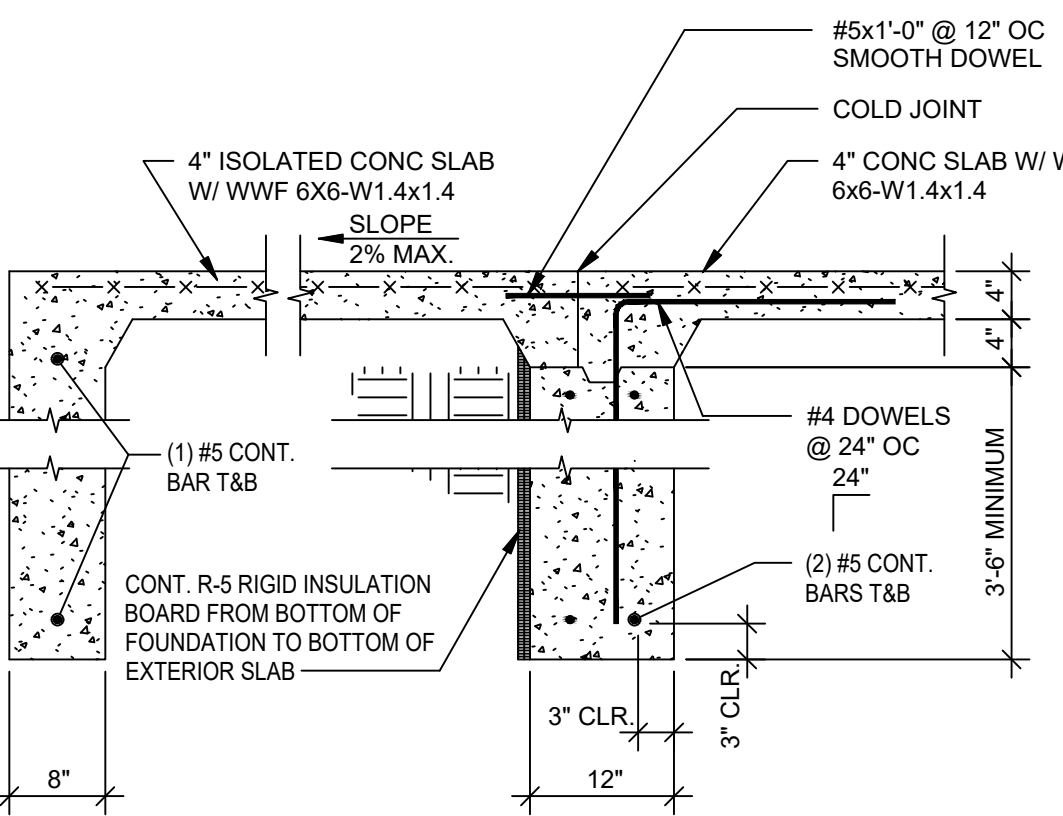
HOLD-DOWN DETAIL NO SCALE **6**



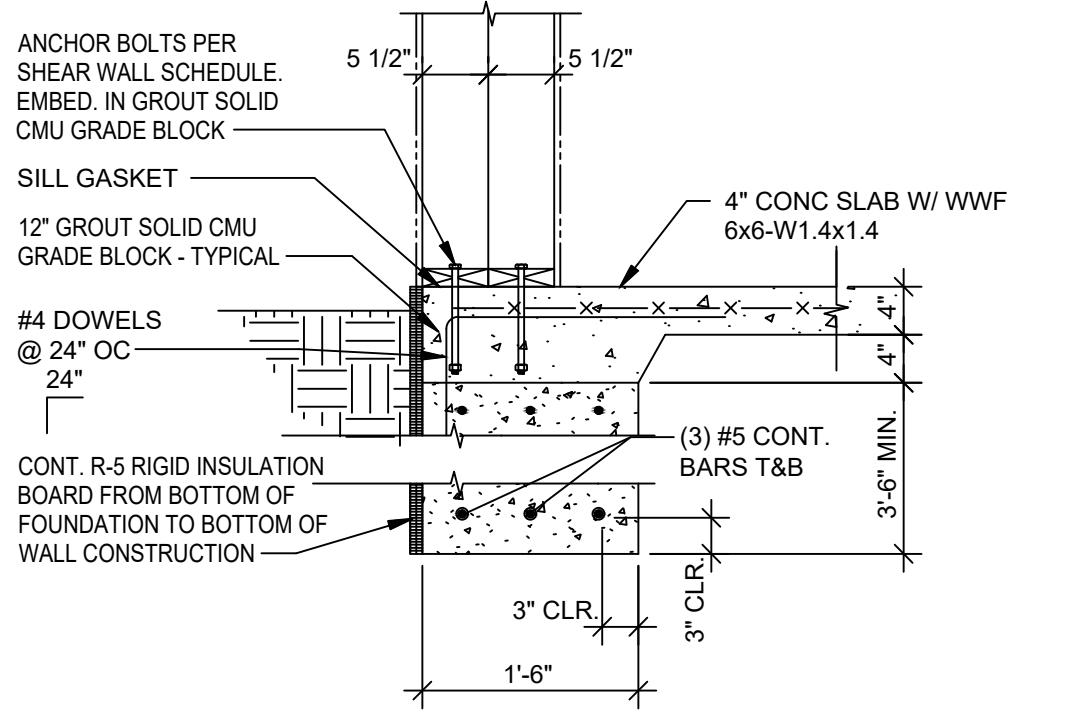
FOOTING AT SHEARWALL 2 NO SCALE **2**



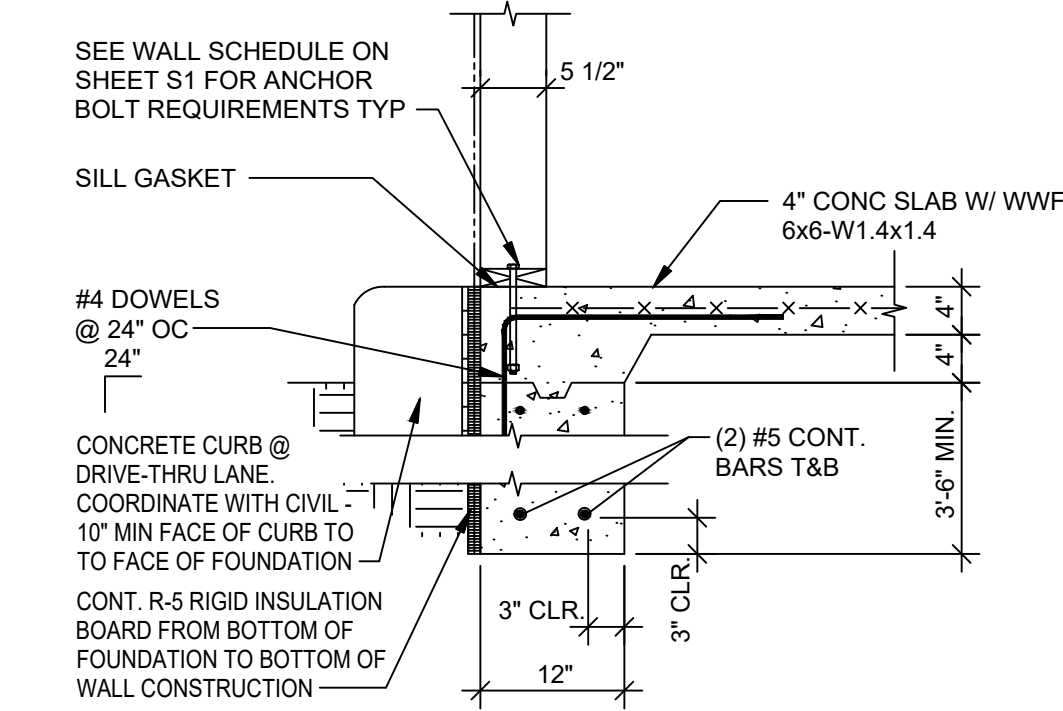
FOOTING AT FRONT WALL NO SCALE **7**



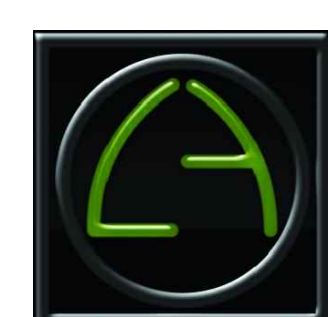
FOOTING AT FULL HEIGHT OPENING NO SCALE **3**



FOOTING AT SHEARWALL 3 NO SCALE **8**



FOOTING AT DRIVE THRU NO SCALE **4**



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PROJECT # 20023

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10-15-2021	SPA COMMENTS

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

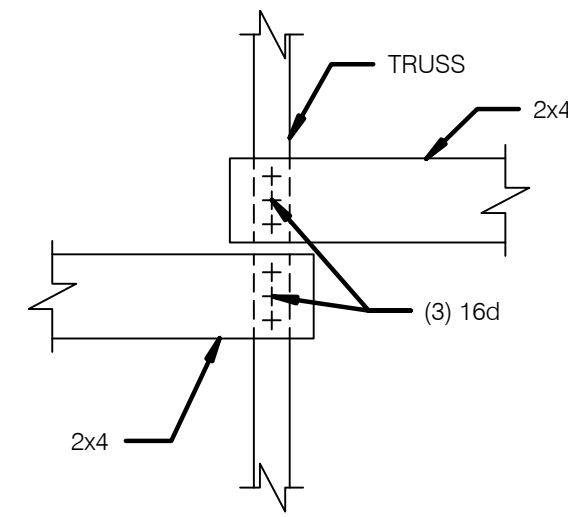
GREAT LAKES TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0 FOUNDATION DETAILS

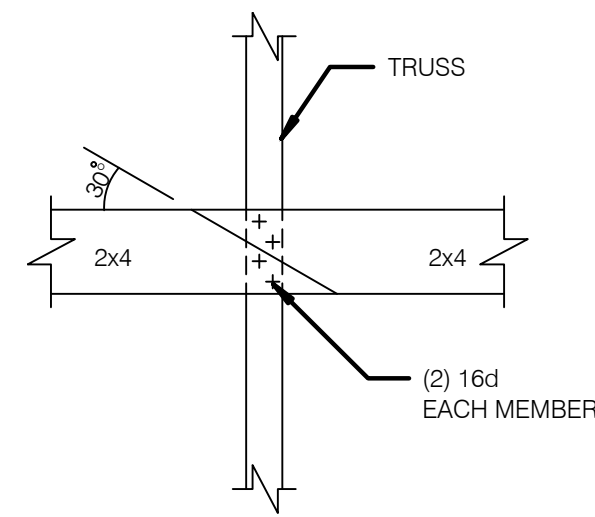
S4.0

PLOT DATE: 11/1/2021



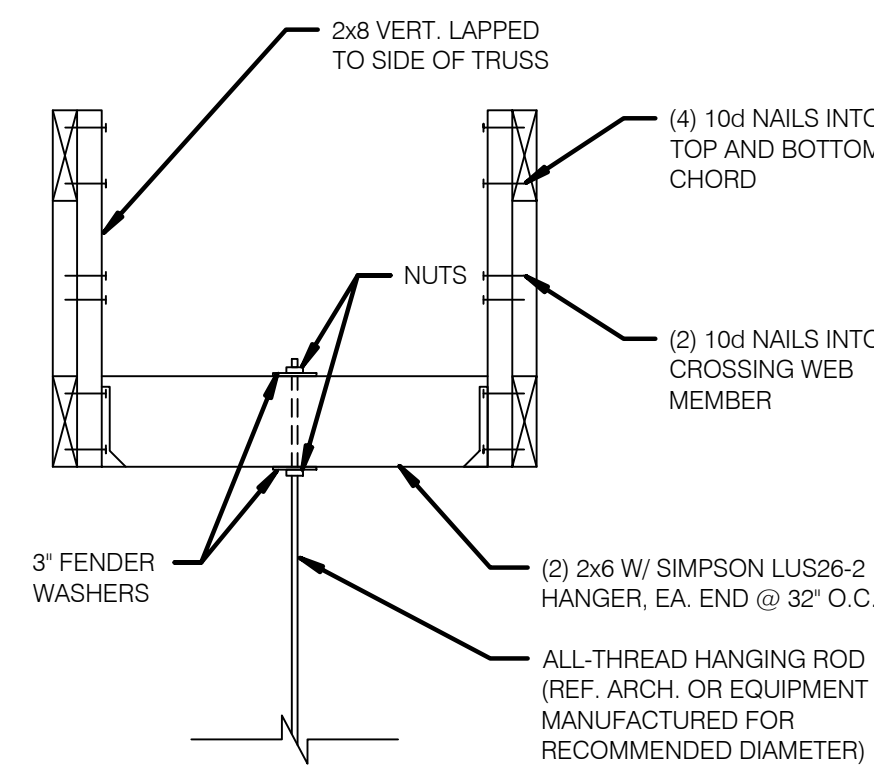
NOTE: REFER TO TRUSS ELEVATION 2/S4.2. SEE 9/S4.1 AT OPEN CEILING.

BRIDGING LAP DETAIL NO SCALE **13**

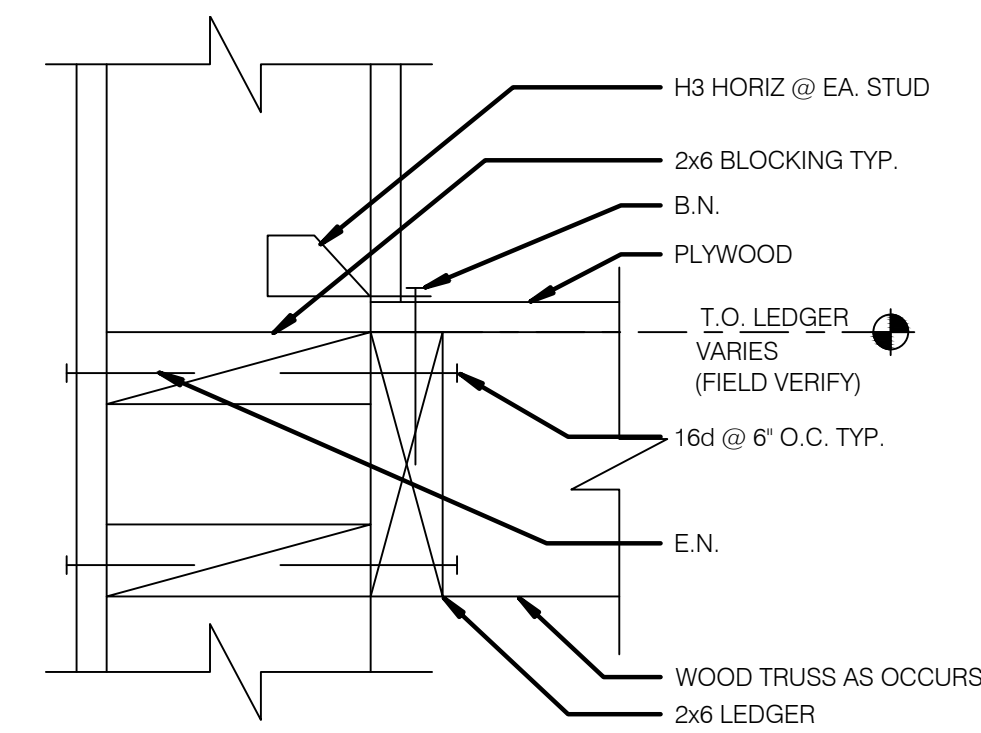


NOTE: REFER TO TRUSS ELEVATION 2/S4.2.

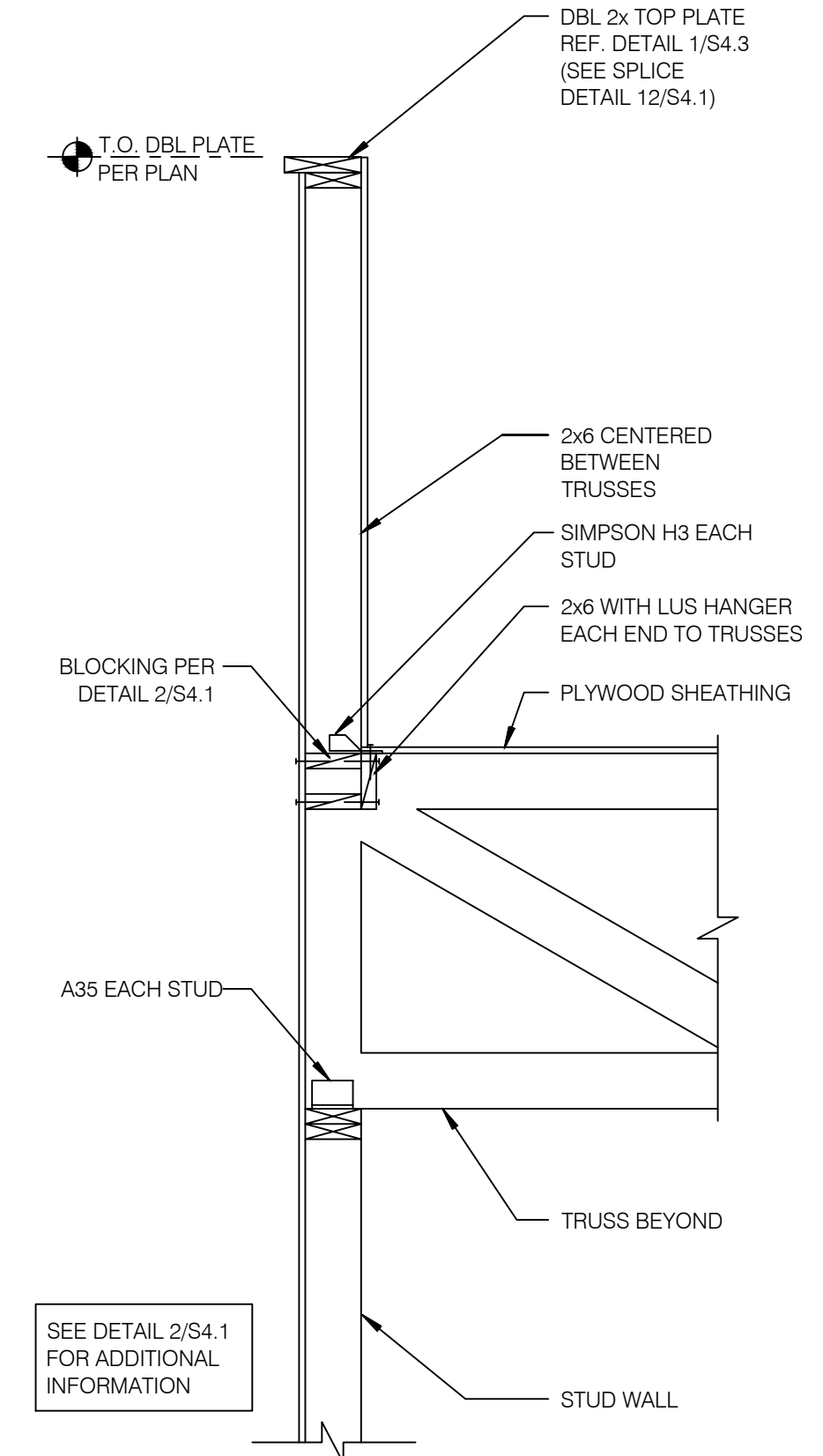
BRIDGING LAP DTL AT OPEN CLG. NO SCALE **9**



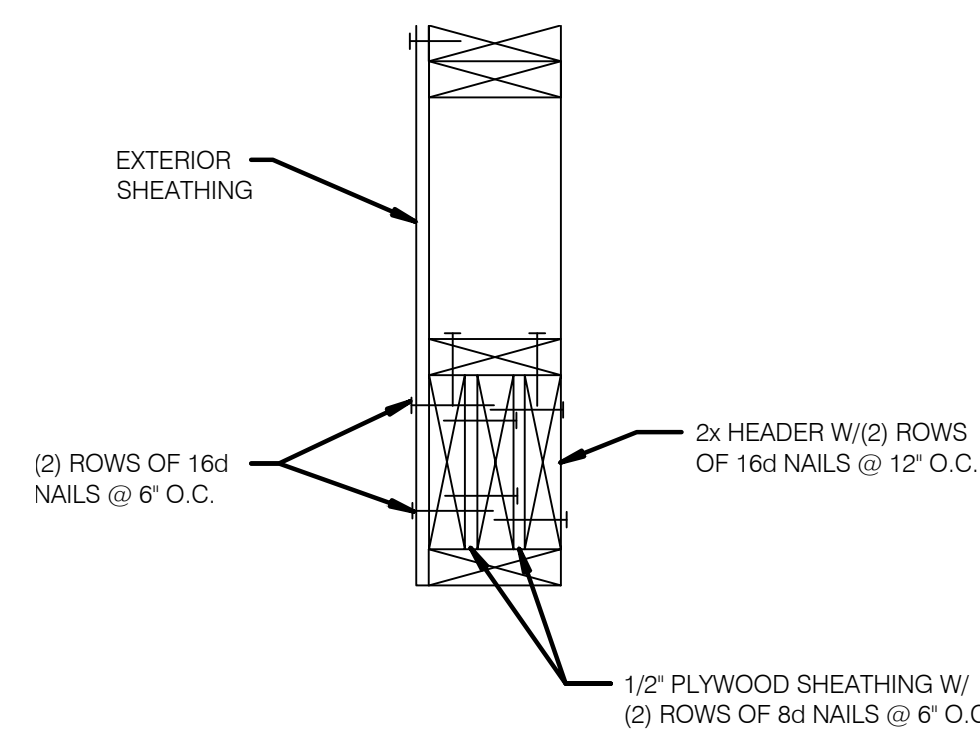
HANGING BULKHEAD OR HOOD DETAIL NO SCALE **6**



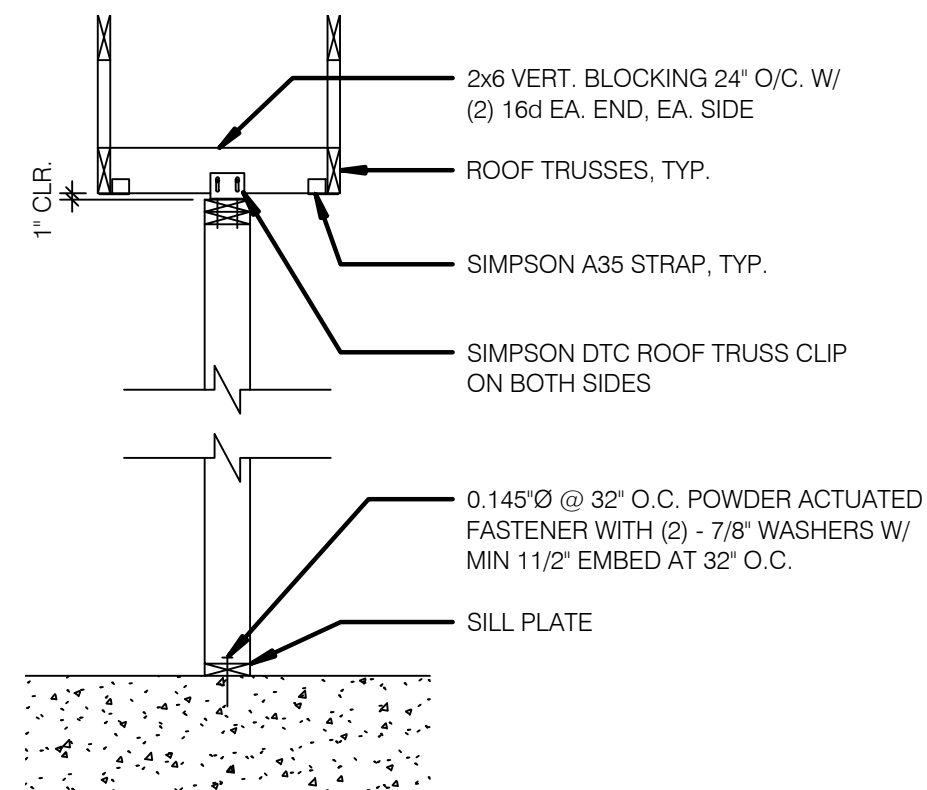
LEDGER DETAIL NO SCALE **3**



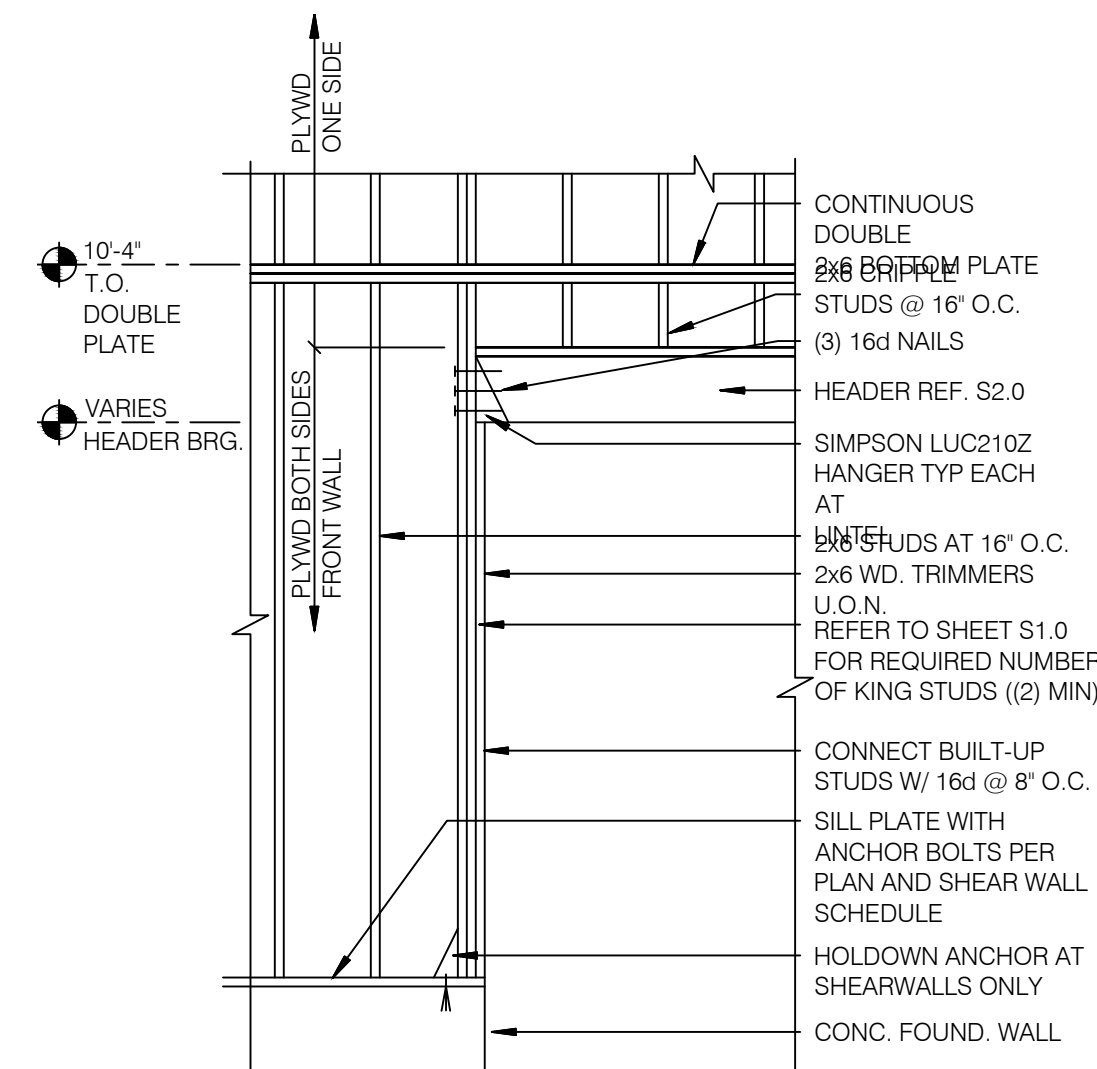
SIDE WALL STUDS NO SCALE **1**



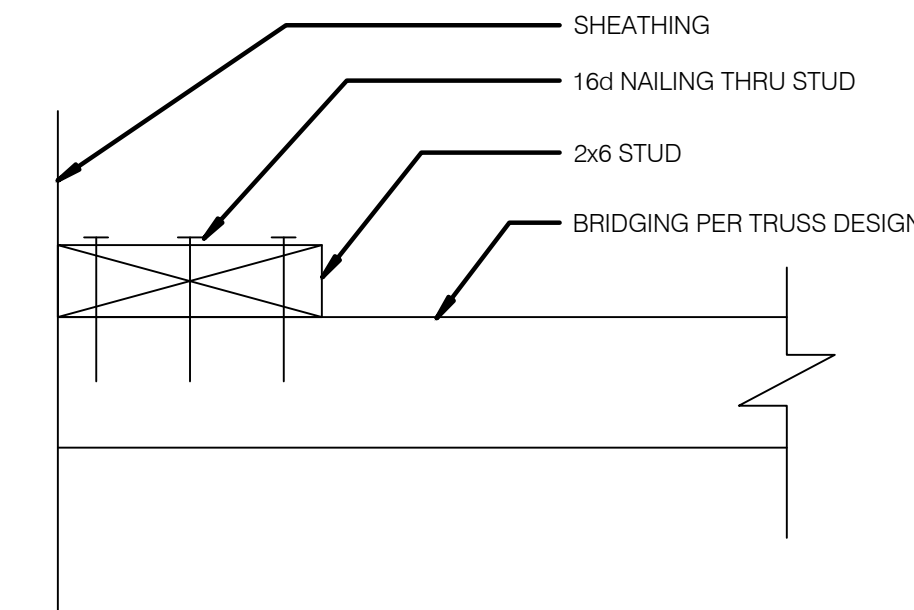
TYPICAL MULTIPLE HEADER NO SCALE **14**



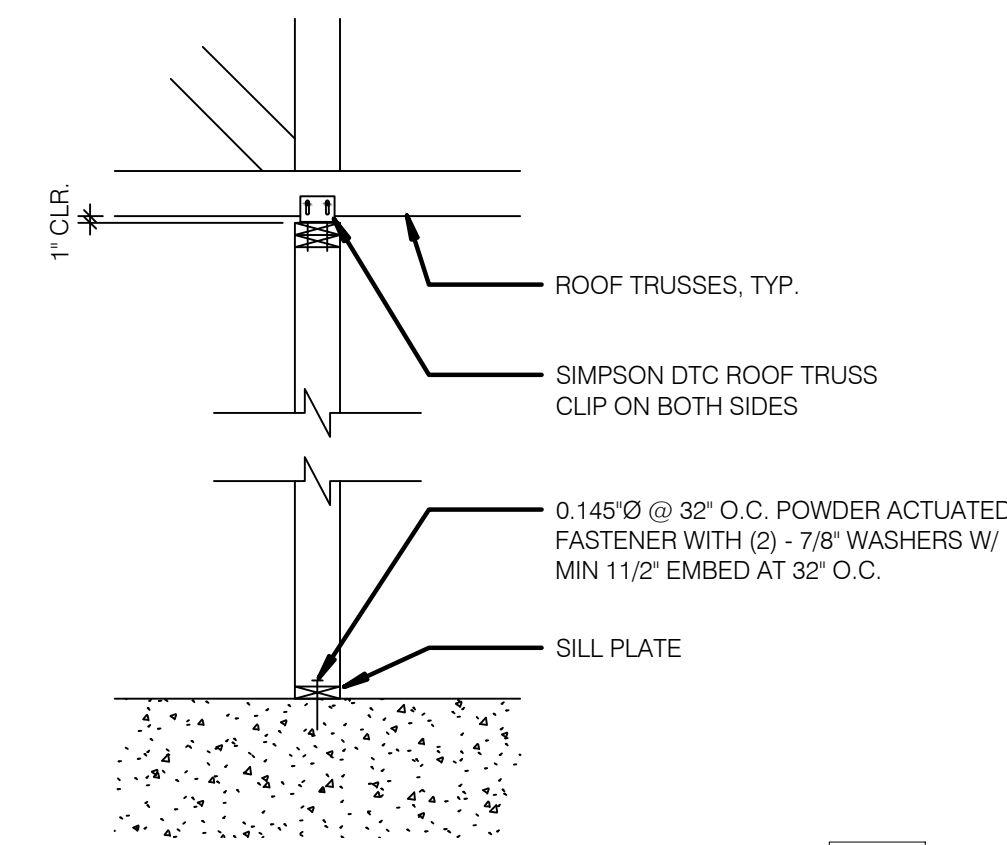
SUPPORT - PARALLEL TO TRUSS NO SCALE **10**



FRAMING ELEVATION AT OPENING NO SCALE **7**



BRIDGING DETAIL NO SCALE **4**



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

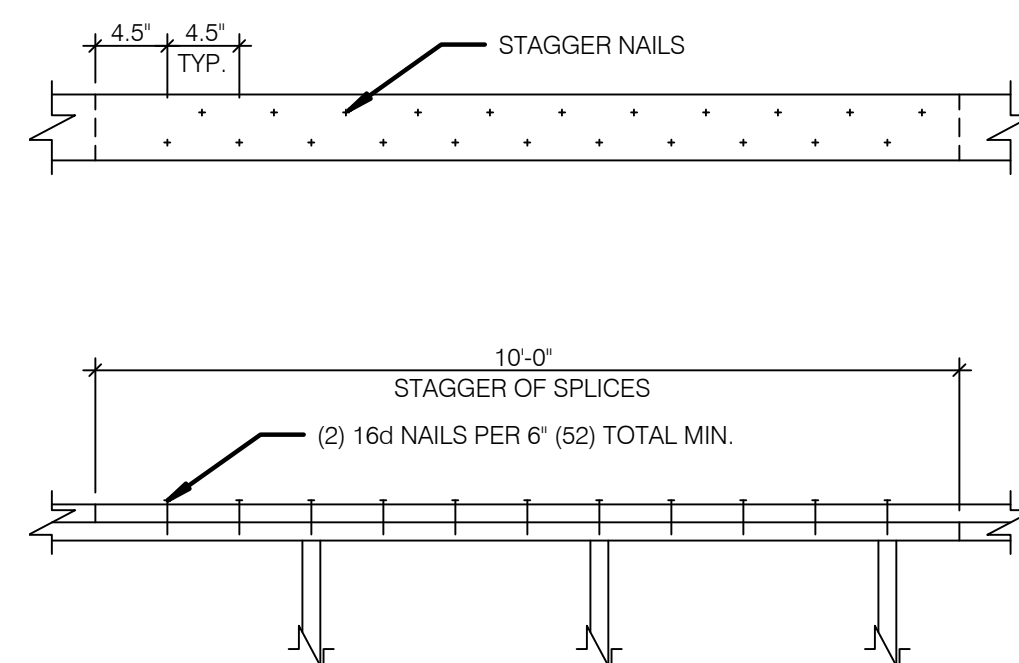
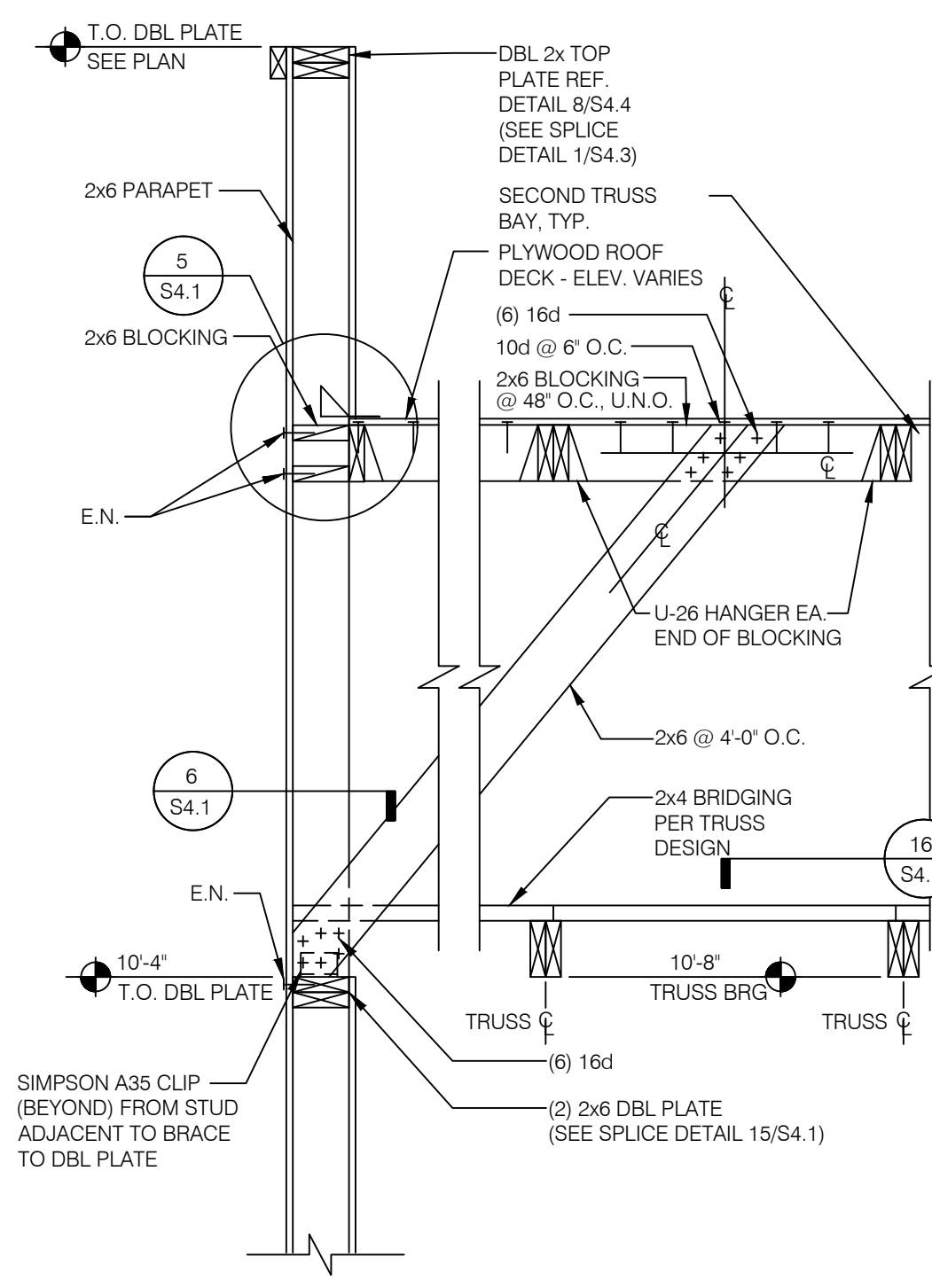
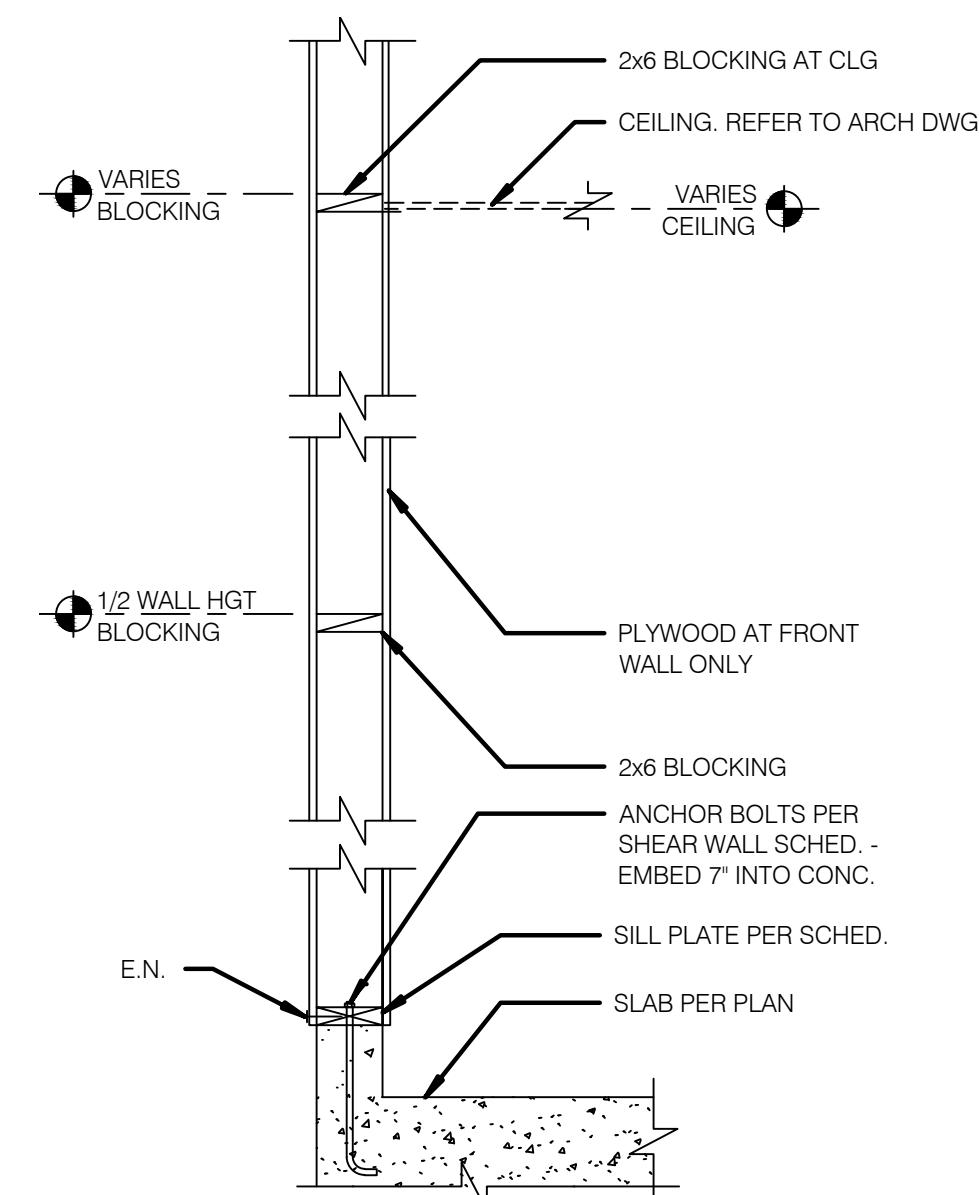


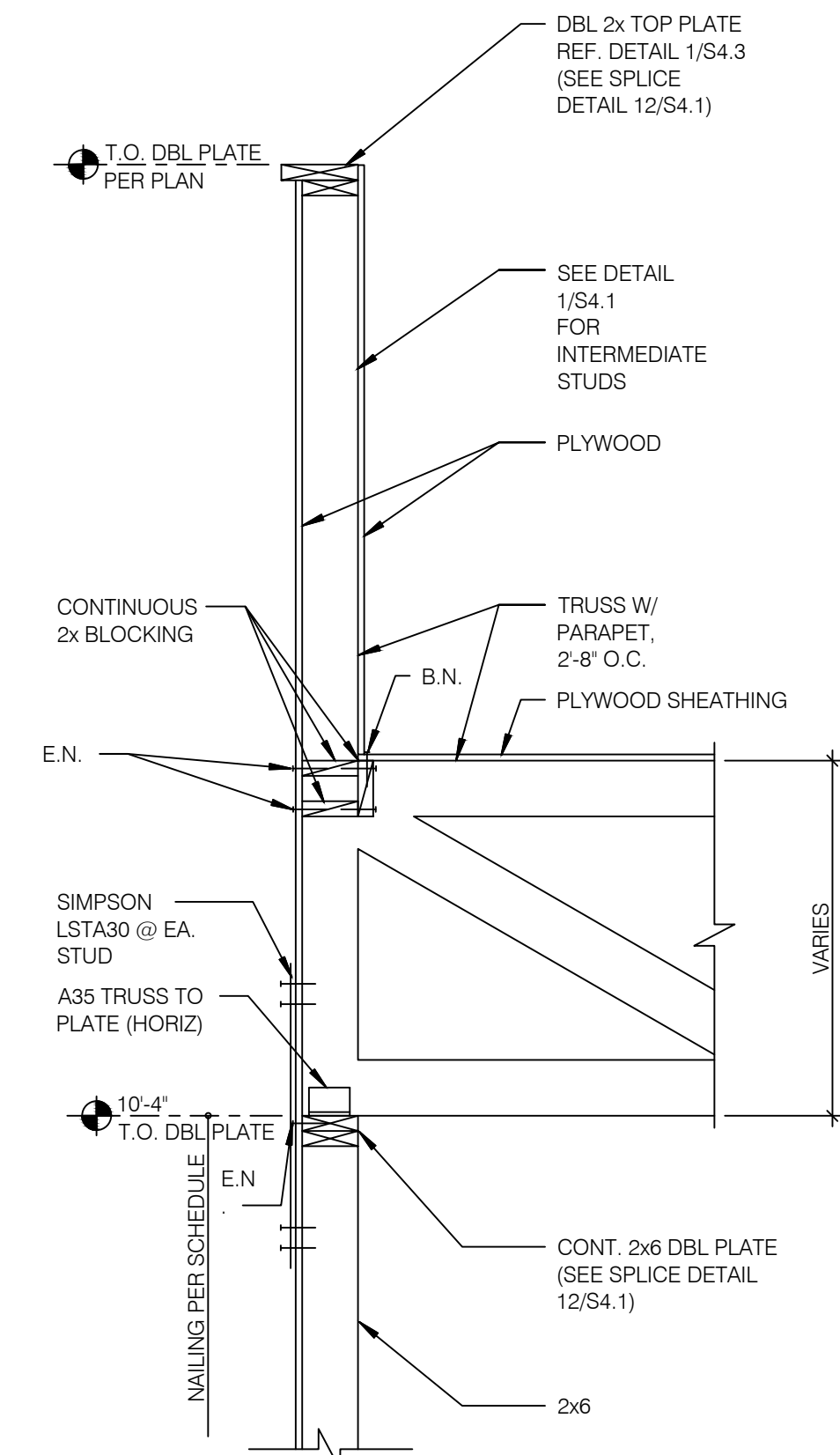
PLATE LAP DETAIL NO SCALE **12**



REAR WALL NO SCALE **8**



5/S41 NO SCALE **5**



SIDE WALL AT TRUSS NO SCALE **2**



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INC. A.I.A.

441 S. LIVERNOIS ROAD
SUITE 265
ROCHESTER HILLS, MI 48307
PHONE (248) 524-4700 FAX (248) 524-9746

PROJECT # 20023

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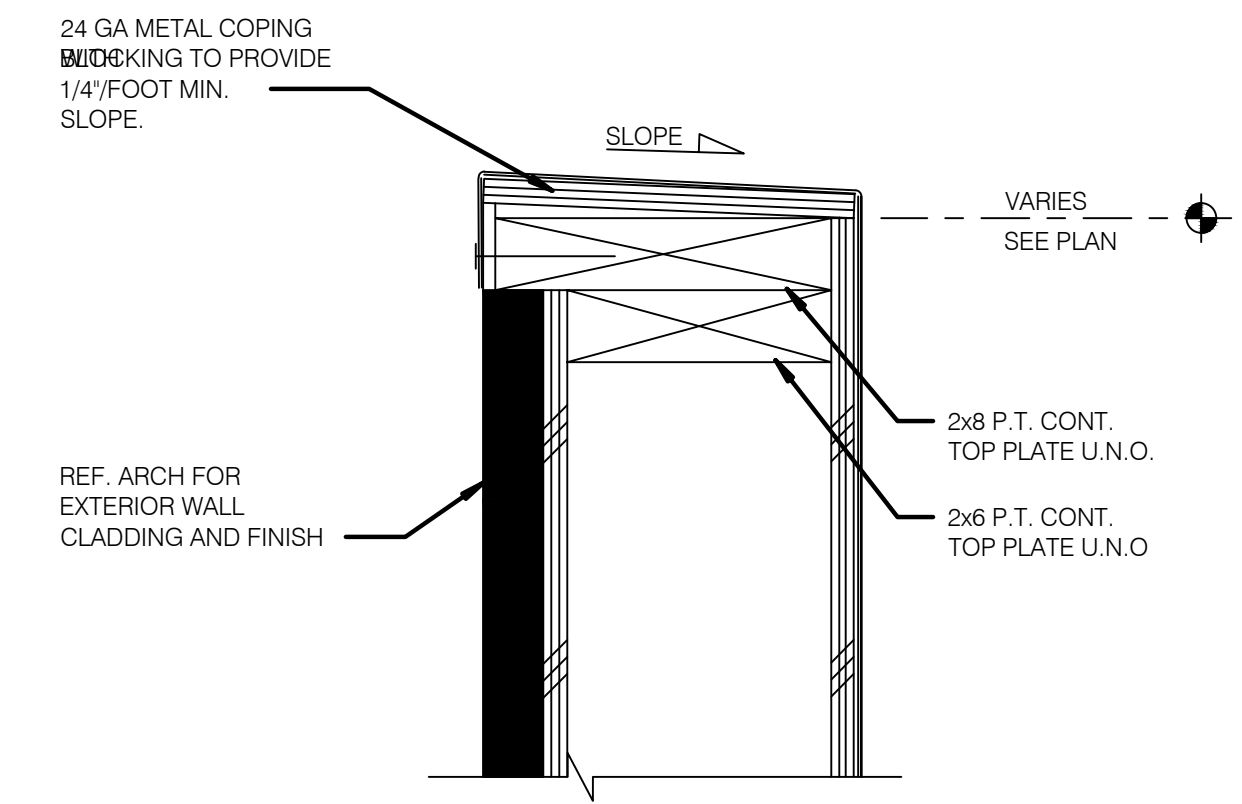
GREAT LAKES
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White Lake Twp., Michigan 48383



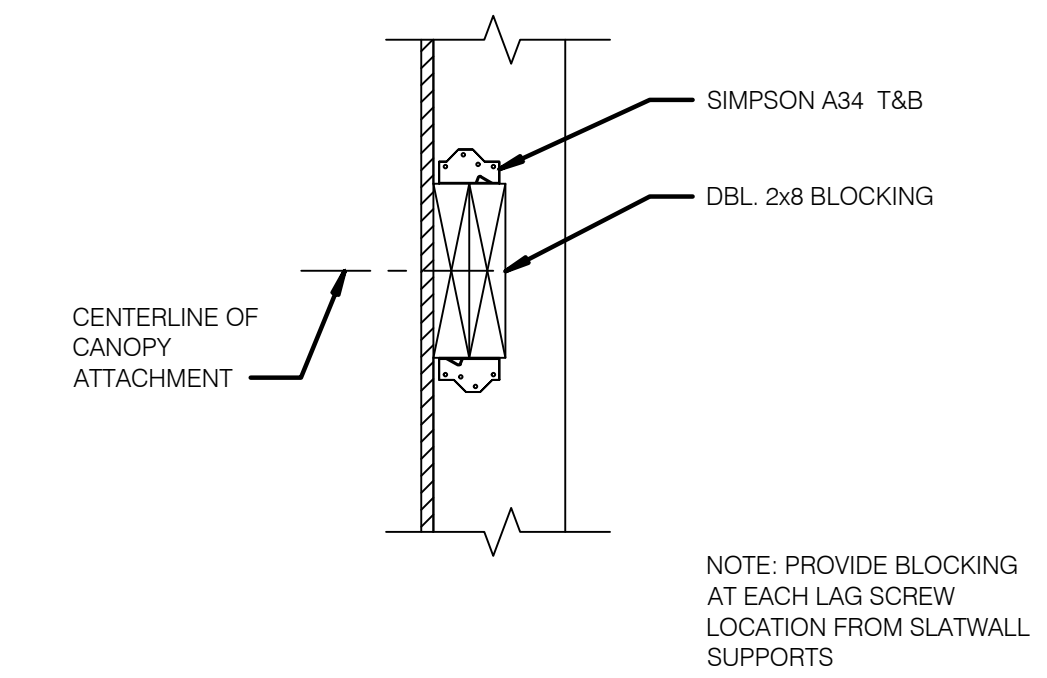
ENDEAVOR 2.0
FRAMING
DETAILS

S4.1

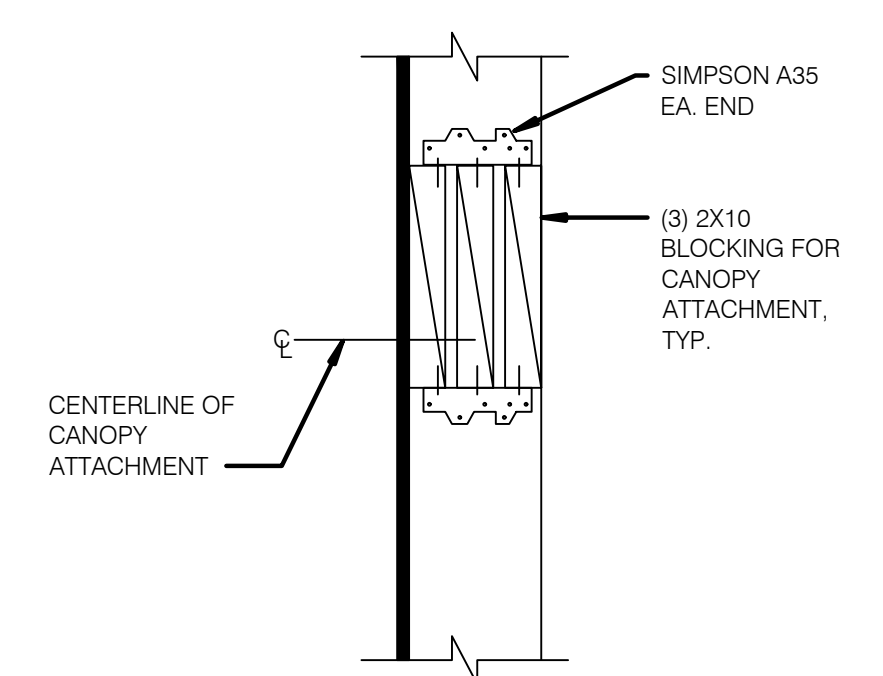
PLOT DATE: 11/1/2021



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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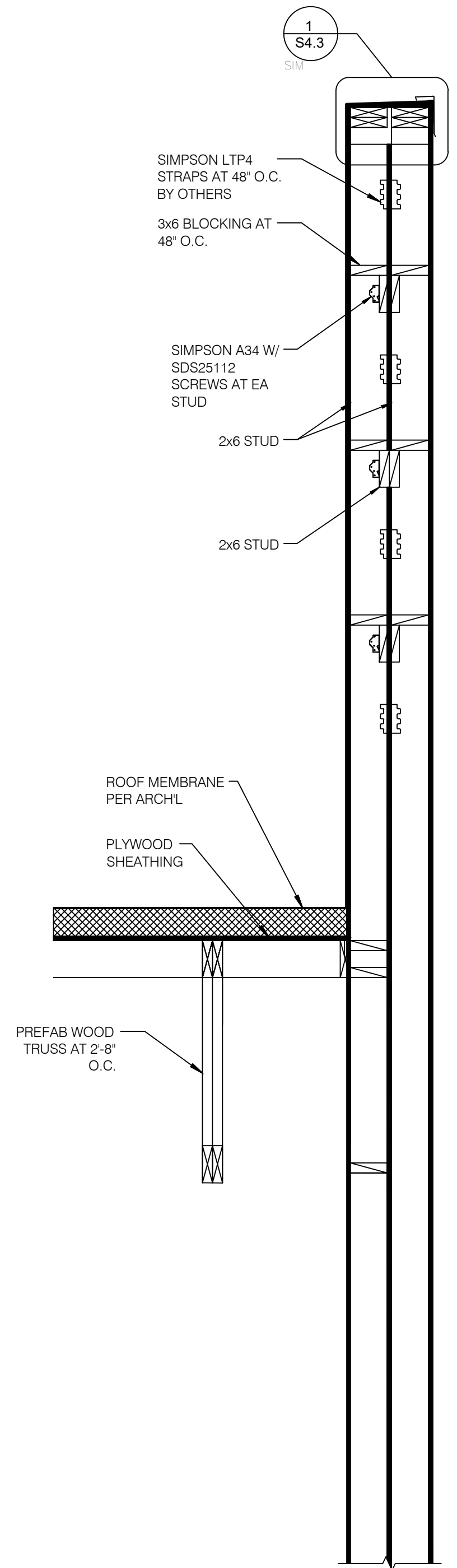
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ENDEAVOR 2.0
FRAMING
DETAILS

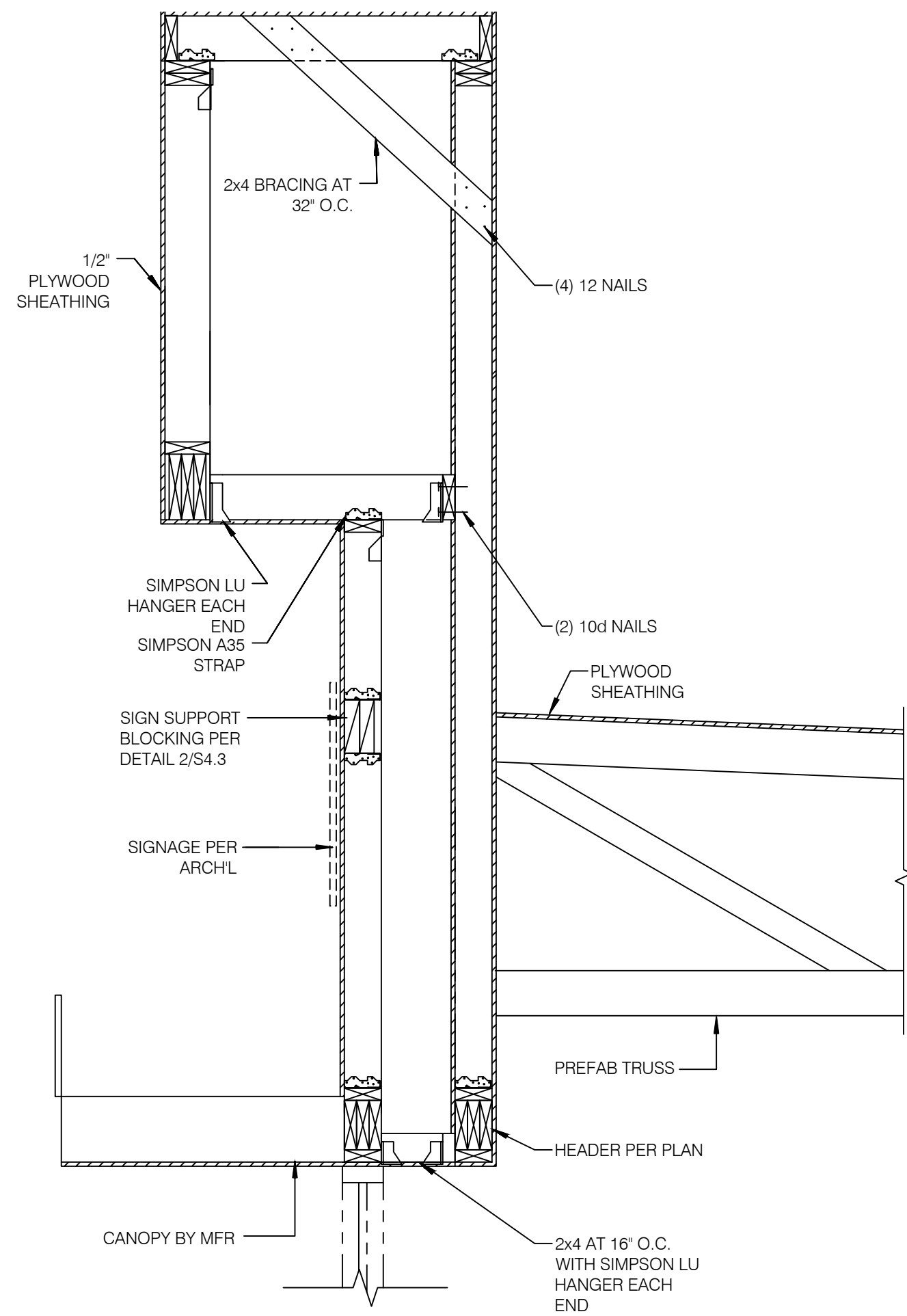
S4.3

PLOT DATE: 11/1/2021

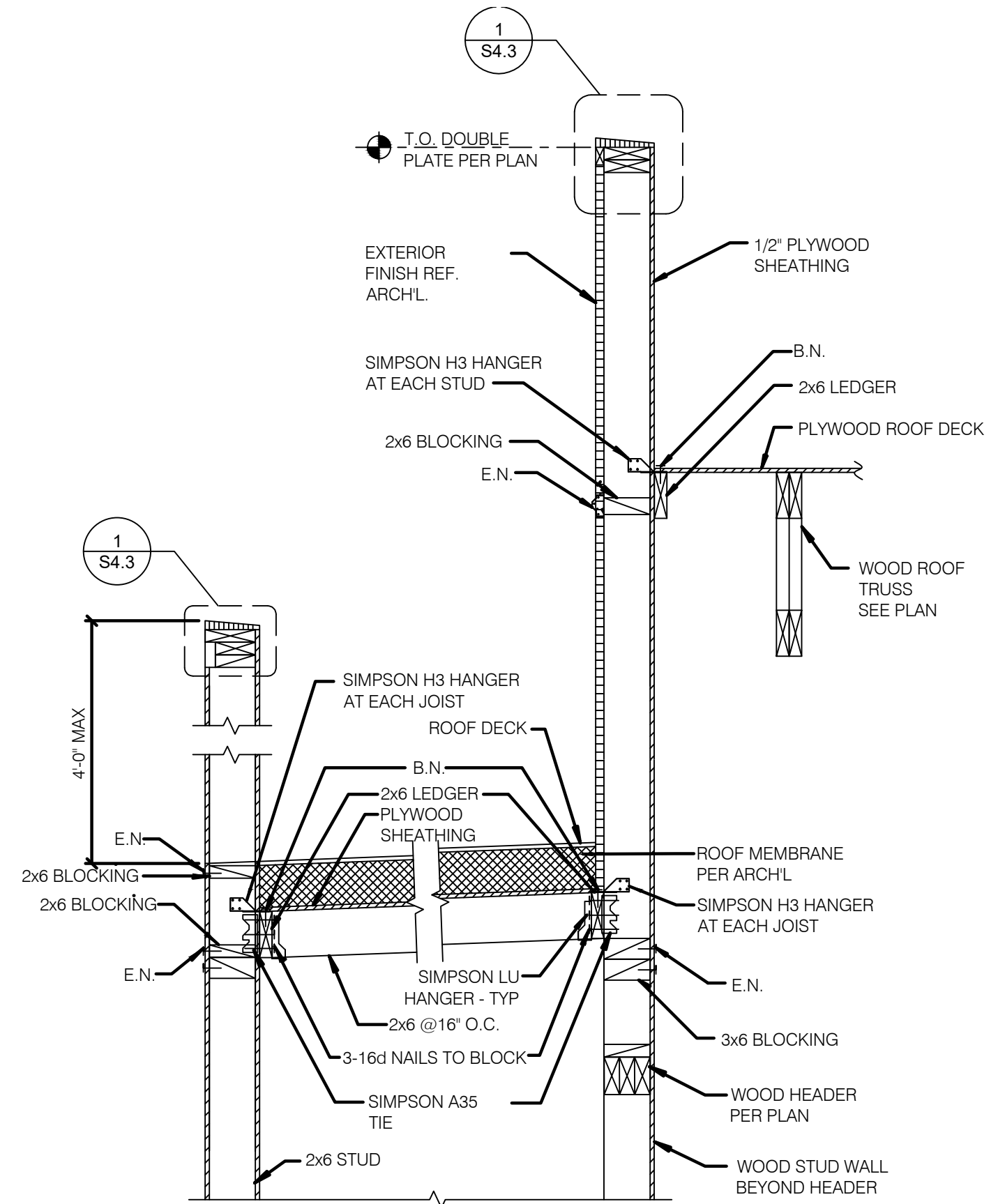


SECTION AT TOWER NO SCALE 4

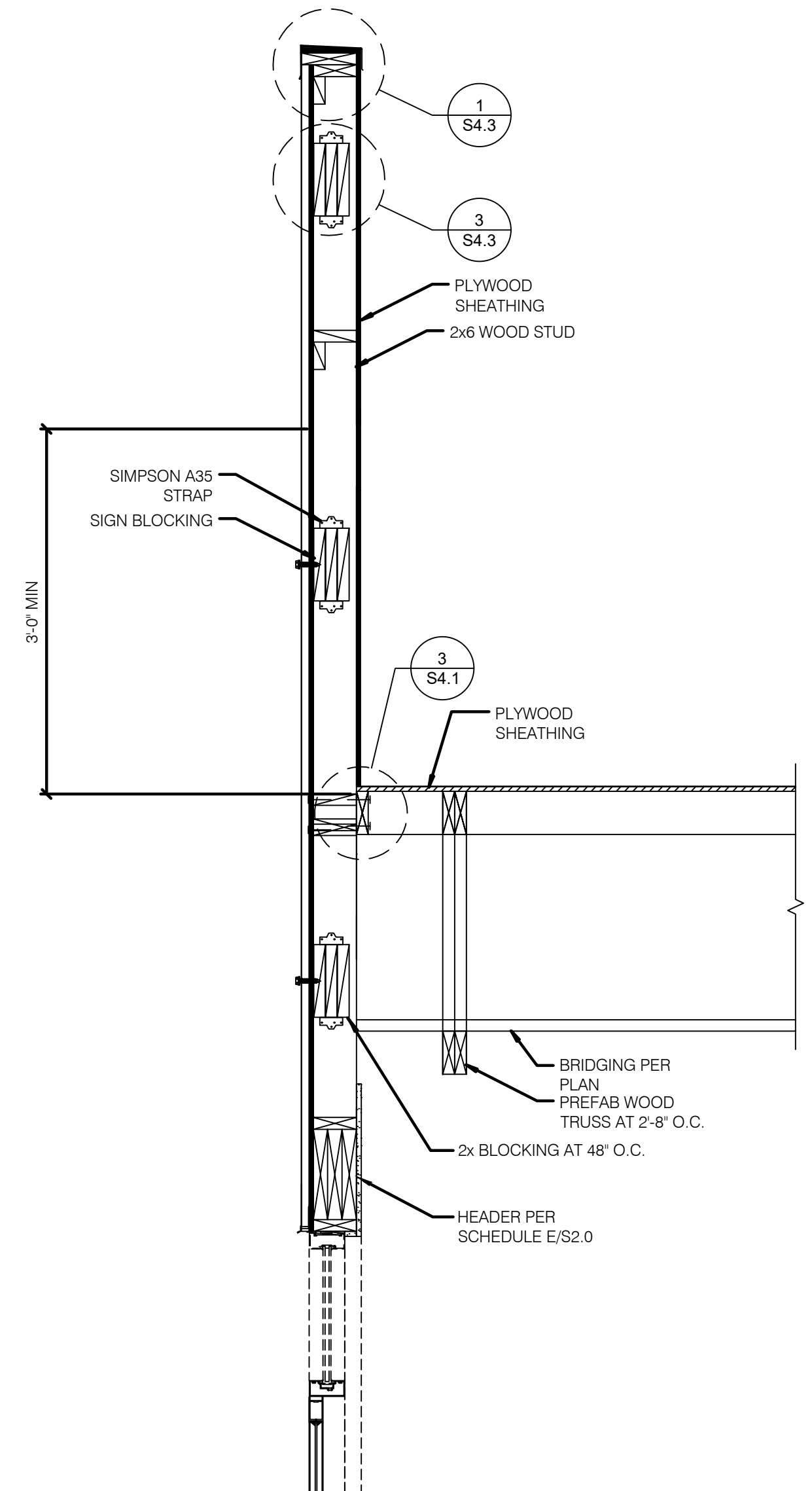
T.O. TOWER / PARAPET FRAMING



SECTION AT STOREFRONT NO SCALE 3



SECTION AT WALK-IN COOLER NO SCALE 2



SECTION AT FRONT WALL NO SCALE 1



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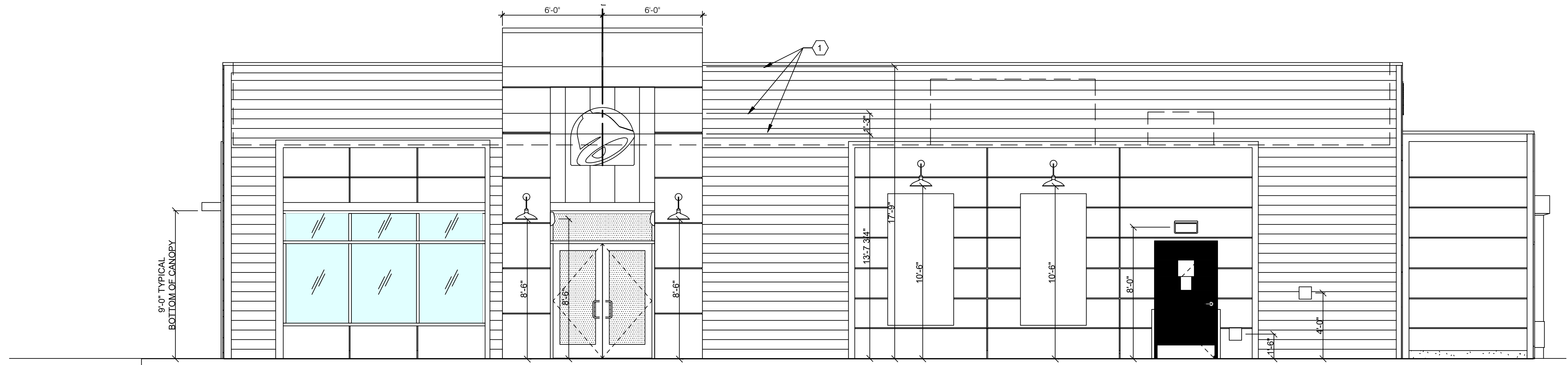


ENDEAVOR 2.0
FRAMING
DETAILS

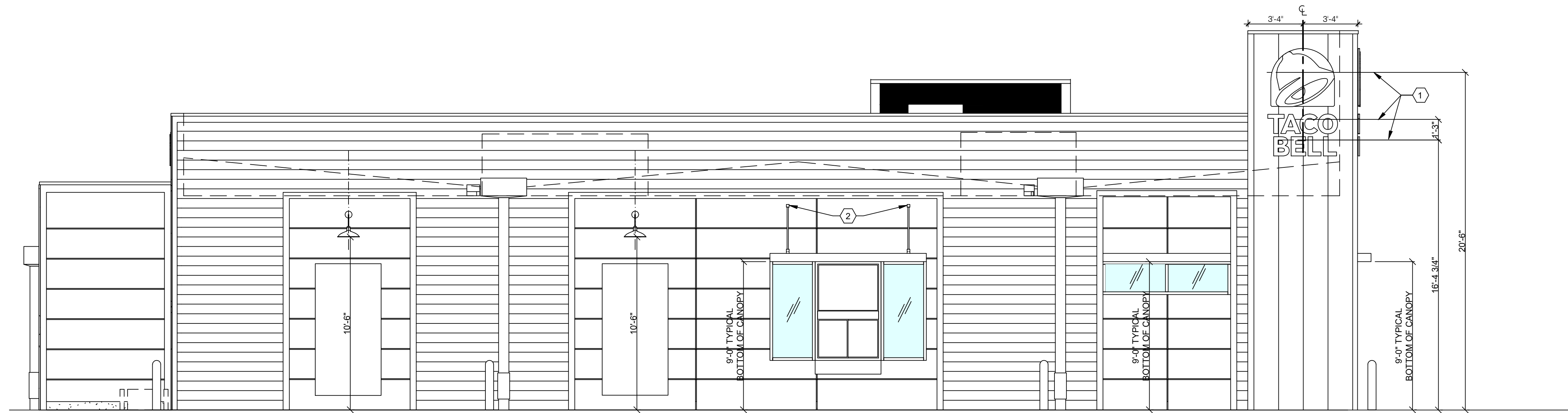
S4.4

PLOT DATE: 11/1/2021

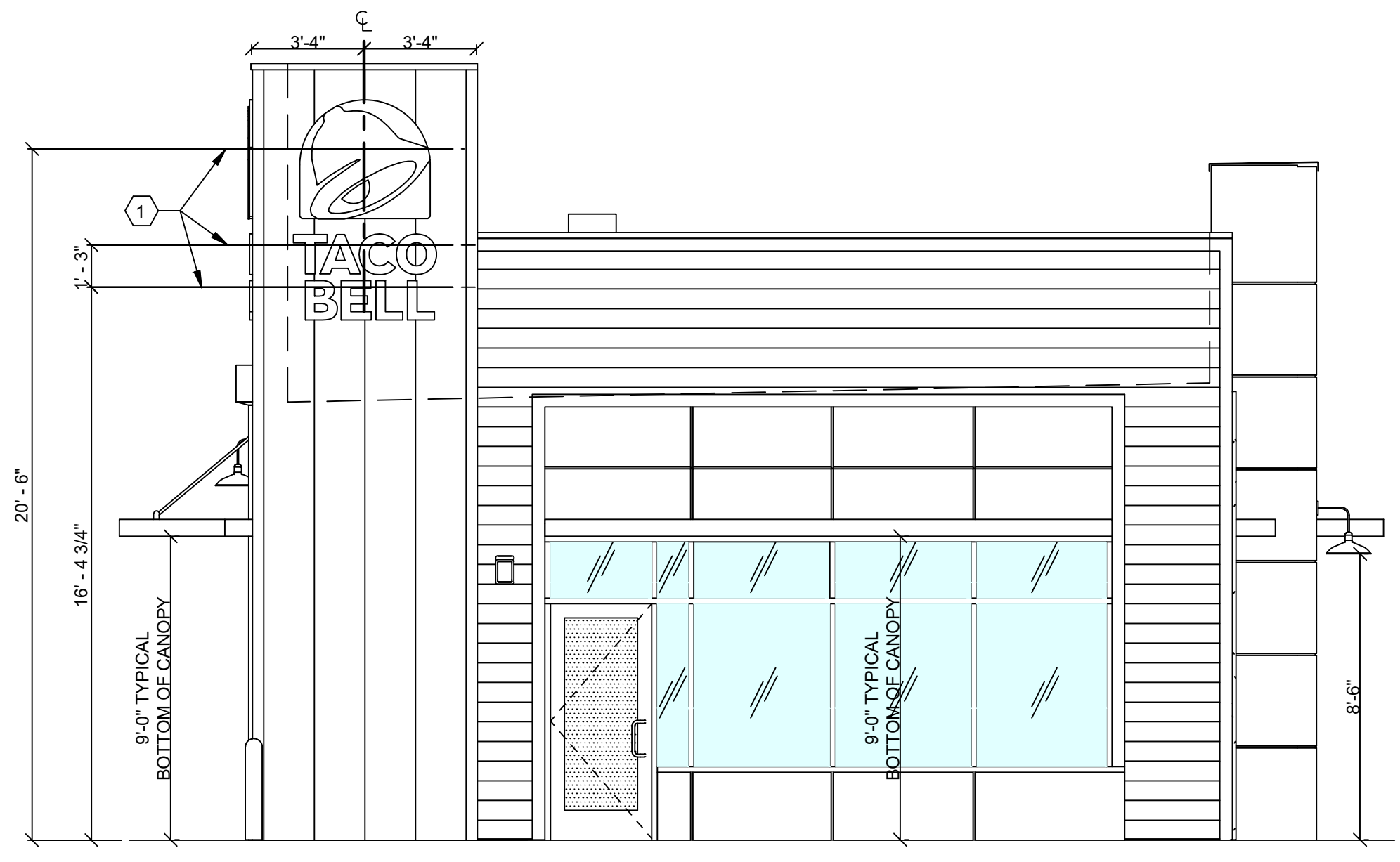
COORDINATE BLOCKING REQUIREMENTS WITH SIGN MANUFACTURER AND DESIGN BLOCKING FOR CANOPY/AWNING LOADING REACTIONS PER CODE - ALL REQUIRED SHALL BE INSTALLED PRIOR TO SHEATHING INSTALLATION



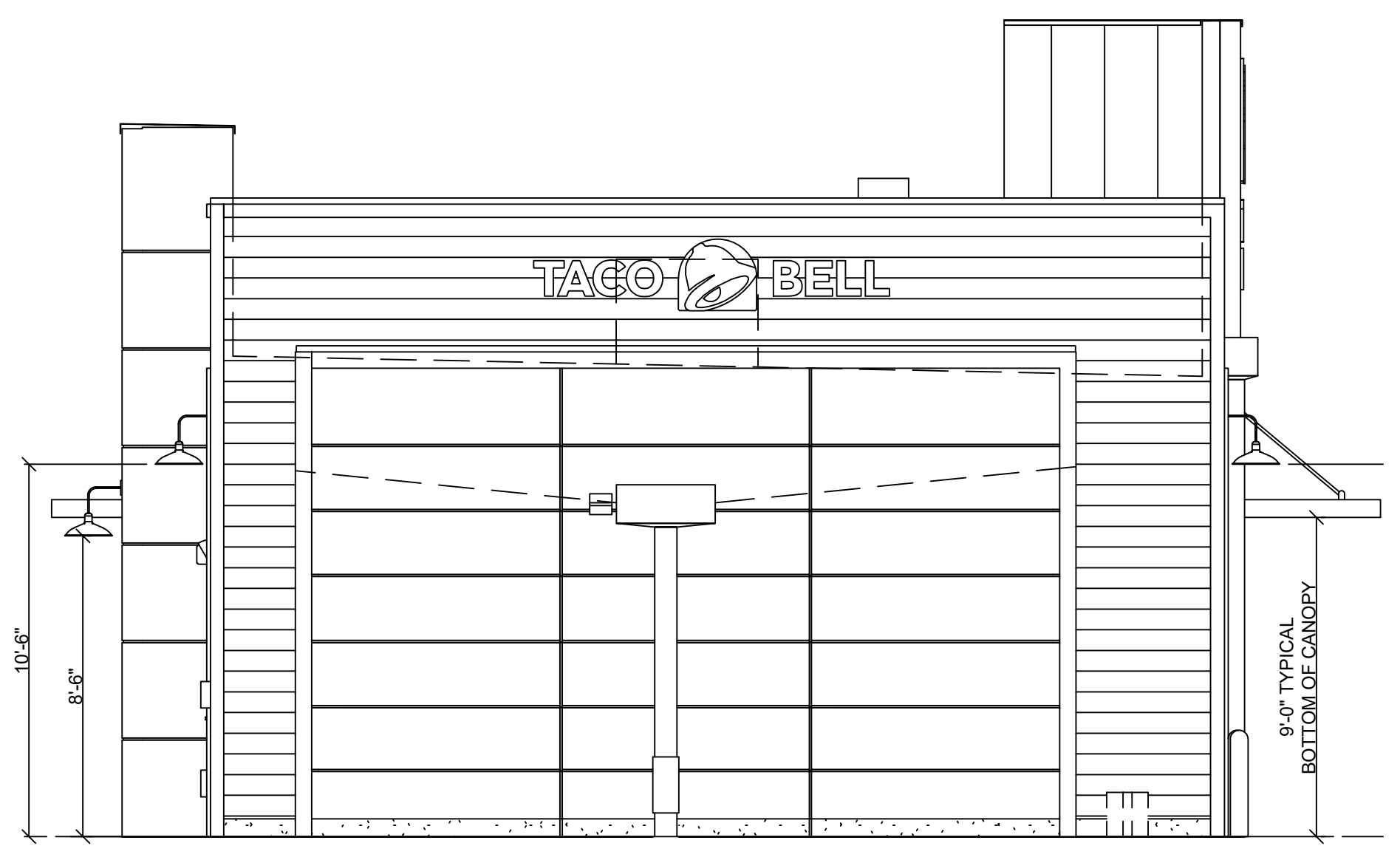
RIGHT SIDE ELEVATION 1/4" = 1'-0" **A**



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/S4.3.

KEYNOTES **C**

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 **D**



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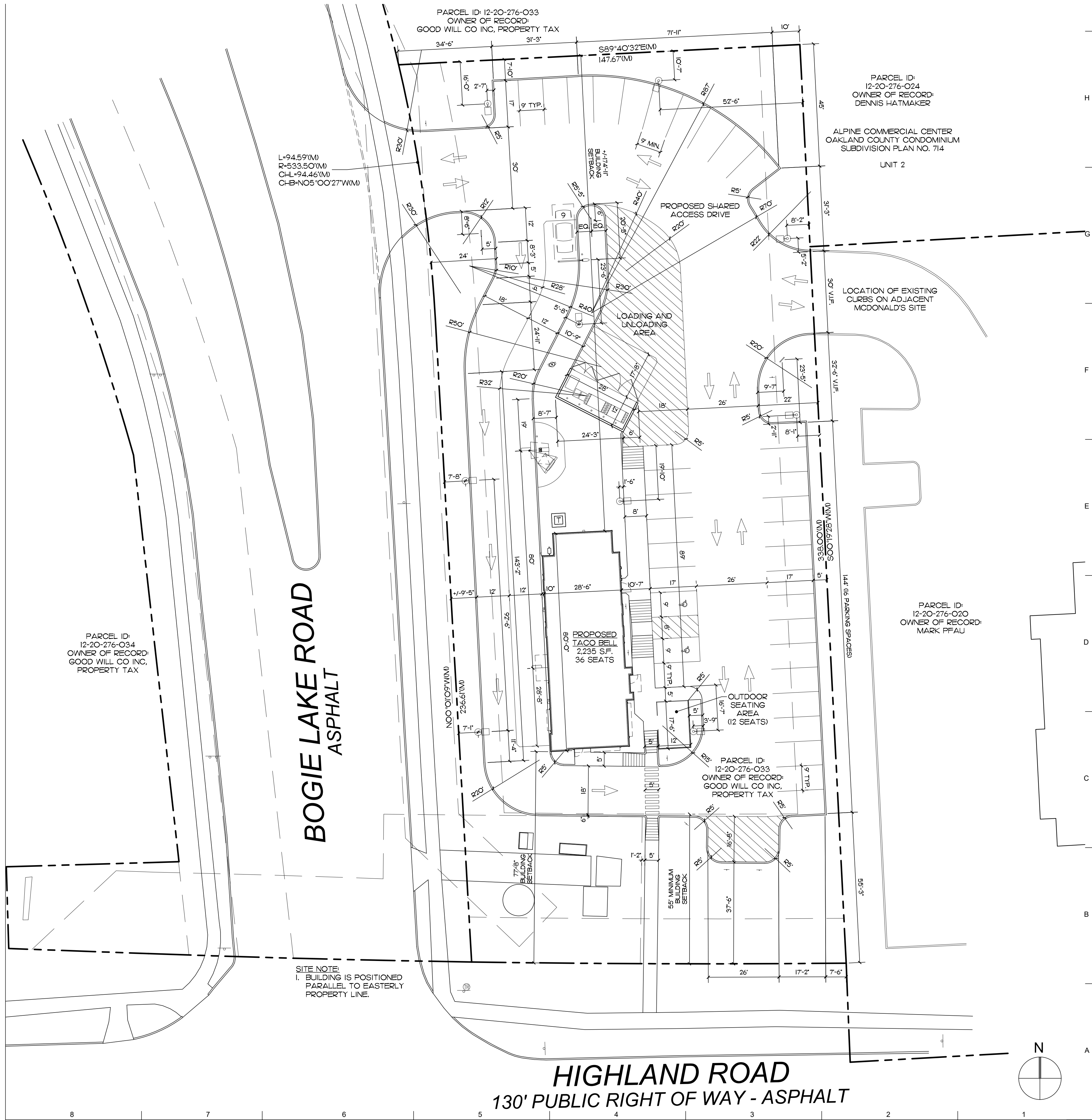
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GREAT LAKES
TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0
CANOPY/AWNING
BLOCKING
ELEVATIONS

S5.0
 PLOT DATE: 11/1/2021



L=94.59'(M)
R=533.50'(M)
CH=L=94.46'(M)
CB=N05°00'27"W(M)

PARCEL ID: 12-20-276-033
OWNER OF RECORD:
GOOD WILL CO INC, PROPERTY TAX

PARCEL ID:
12-20-276-024
OWNER OF RECORD:
DENNIS HATMAKER

ALPINE COMMERCIAL CENTER
OAKLAND COUNTY CONDOMINIUM
SUBDIVISION PLAN NO. 714
UNIT 2

LOCATION OF EXISTING
CURBS ON ADJACENT
MCDONALD'S SITE

PARCEL ID:
12-20-276-020
OWNER OF RECORD:
MARK PFALI

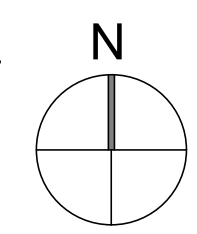
PARCEL ID:
12-20-276-033
OWNER OF RECORD:
GOOD WILL CO INC,
PROPERTY TAX

BOGIE LAKE ROAD
ASPHALT

HIGHLAND ROAD
130' PUBLIC RIGHT OF WAY - ASPHALT

SITE NOTE:
1. BUILDING IS POSITIONED
PARALLEL TO EASTERLY
PROPERTY LINE.

PARCEL ID:
12-20-276-034
OWNER OF RECORD:
GOOD WILL CO INC,
PROPERTY TAX



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INC. A.I.A.

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PROJECT # 20023

DATE	REMARKS
2/1/2022	Site Plan Approval
3/1/2022	Revised for SPA
3/3/2022	Revised for SPA

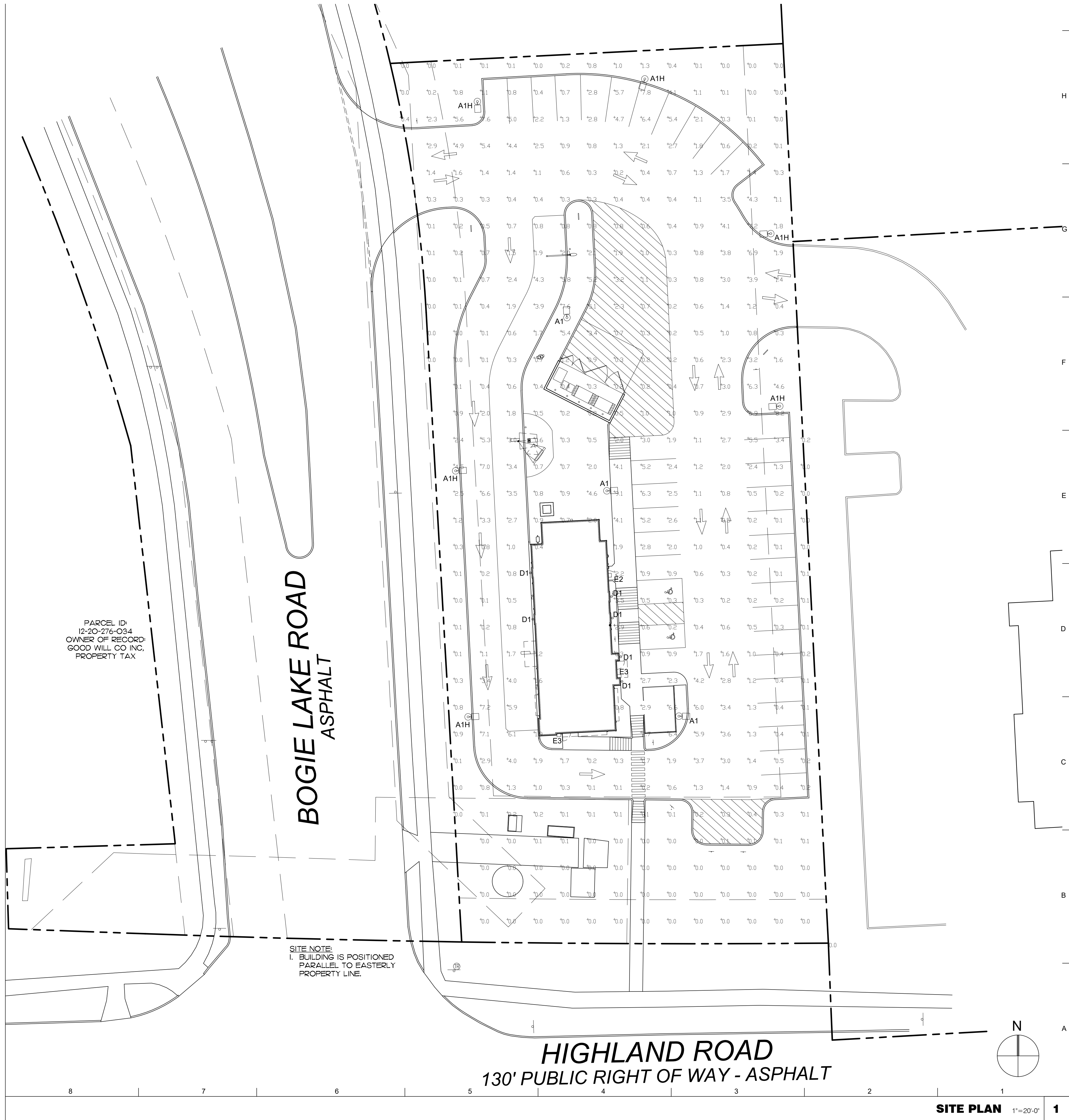
CONTRACT DATE:
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GREAT LAKES
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6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
DIMENSIONAL
SITE PLAN

A0.6

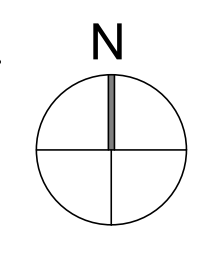


PARCEL ID:
12-20-276-034
OWNER OF RECORD:
GOOD WILL CO INC.
PROPERTY TAX

BOGIE LAKE ROAD
ASPHALT

SITE NOTE:
1. BUILDING IS POSITIONED
PARALLEL TO EASTERLY
PROPERTY LINE.

HIGHLAND ROAD
130' PUBLIC RIGHT OF WAY - ASPHALT



Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	A1	3	MRM-LED-09L-SIL-FT-40-70CRI			1	9860	0.85	62
	A1H	6	MRM-LED-09L-SIL-FT-40-70CRI-H			1	7081	0.85	62
	E3	2	AFF WT	AFF premium FCT (WT Throw)	LED, Wide throw	1	568	0.9	5.7
	D1	6	A19-60W-P1-27K-E26-U1	80 Watt Equivalent, A19 Screw Base Lamp, with white opaque dome lens covering LED array, 2700K CCT	SSC base up Serial Number:PL13056-001	1	879	0.9	9.5
	E2	1	ELM-LED-807		LED	1	319	0.9	3.5



Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BUILDING	+	1.9 fc	18.9 fc	0.1 fc	189.0:1	19.0:1
EAST DRIVEWAY	◇	2.0 fc	7.6 fc	0.1 fc	76.0:1	20.0:1
PARKING LOT		1.8 fc	7.4 fc	0.1 fc	74.0:1	17.5:1
PROPERTY LINE	+	0.1 fc	1.0 fc	0.0 fc	N/A	N/A
Site	+	1.4 fc	9.1 fc	0.0 fc	N/A	N/A

Luminaire Locations										
No.	Label	Location			MH	Orientation	Tilt	Aim		
		X	Y	Z				X	Y	Z
1	A1H	471.05	76.75	16.00	16.00	267.71	0.00	469.88	76.70	0.00
2	A1H	421.54	-33.00	16.00	16.00	357.11	0.00	421.48	-31.83	0.00
3	A1H	367.05	-36.38	16.00	16.00	357.11	0.00	356.99	-35.21	0.00
5	A1H	239.95	79.91	16.00	16.00	176.74	0.00	240.02	78.74	0.00
8	A1H	479.42	14.06	16.00	16.00	285.11	0.00	478.29	14.37	0.00
9	A1H	332.38	85.31	16.00	16.00	176.74	0.00	332.45	84.14	0.00
11	A1	240.01	5.18	16.00	16.00	176.74	0.00	240.07	4.00	0.00
12	A1	324.92	28.43	16.00	16.00	176.74	0.00	324.98	27.26	0.00
13	A1	390.17	43.20	16.00	16.00	86.97	0.00	391.35	43.26	0.00
1	D1	276.64	56.83	10.60	10.60	0.00	0.00	276.64	56.83	0.00
2	D1	294.06	57.71	10.60	10.60	0.00	0.00	294.06	57.71	0.00
3	D1	277.15	26.14	10.60	10.60	0.00	0.00	277.15	26.14	0.00
4	D1	285.20	26.55	10.60	10.60	0.00	0.00	285.20	26.55	0.00
5	D1	263.33	22.55	8.60	8.60	0.00	0.00	263.33	22.55	0.00
6	D1	282.59	23.01	8.60	8.60	0.00	0.00	282.59	23.01	0.00
1	E2	293.42	27.90	8.00	8.00	267.13	0.00	293.17	27.89	0.00
1	E3	233.43	47.37	8.00	8.00	177.12	0.00	233.43	47.28	0.00
2	E3	254.77	24.21	8.00	8.00	87.14	0.00	254.86	24.22	0.00



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DATE	REMARKS
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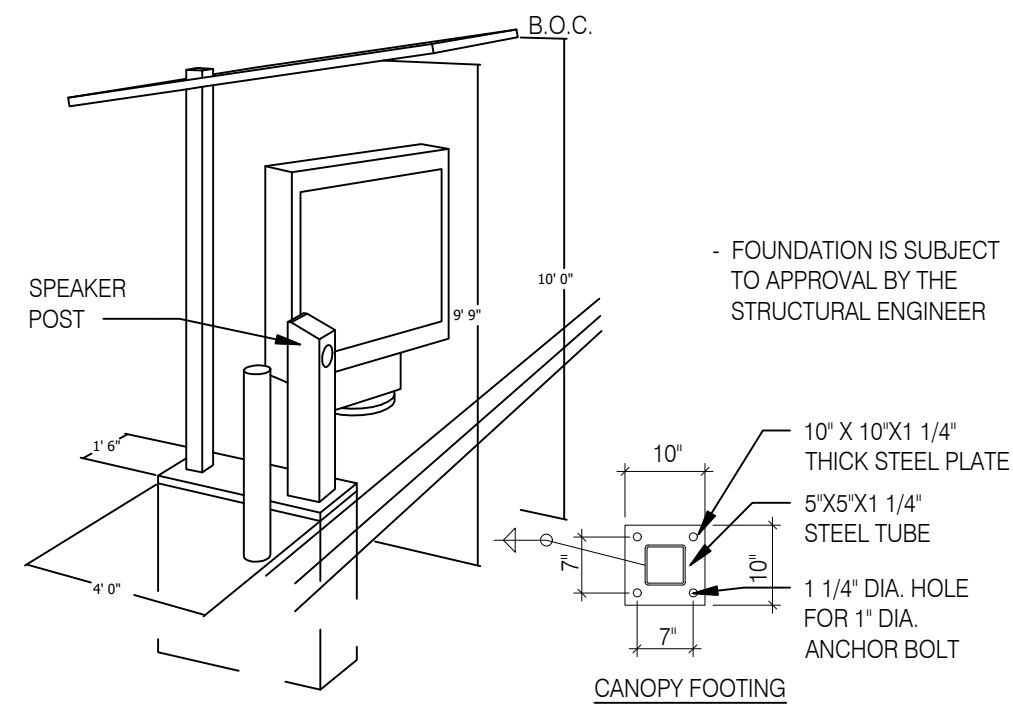
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White Lake Twp., Michigan 48383



ENDEAVOR 2.0
PHOTOMETRIC
SITE PLAN

A0.7

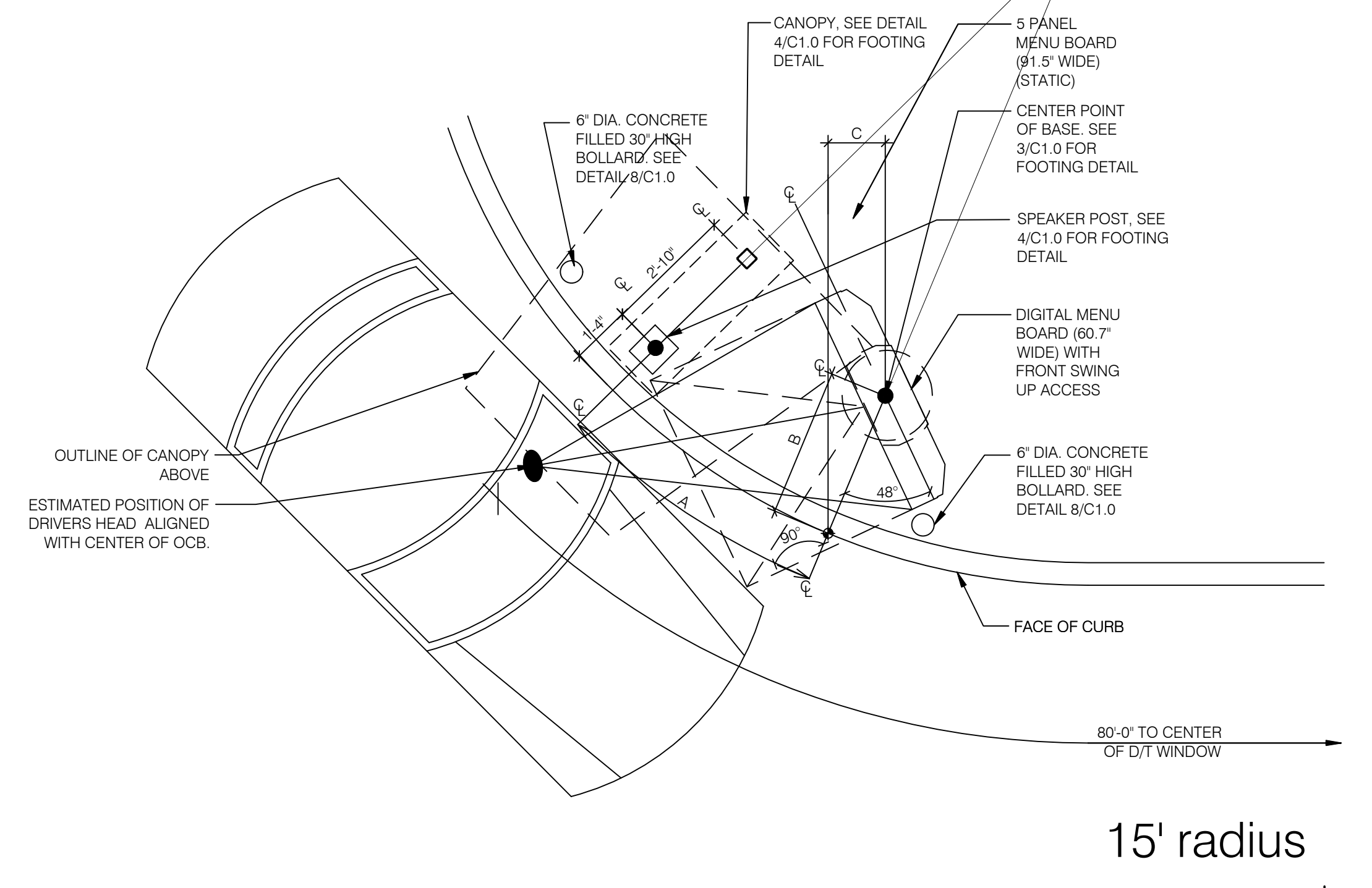


NOTES

- 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.
- CENTER OF MB TO BE 5'-6" TO 9'-0" FROM DRIVERS POINT OF VIEW.
- 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°

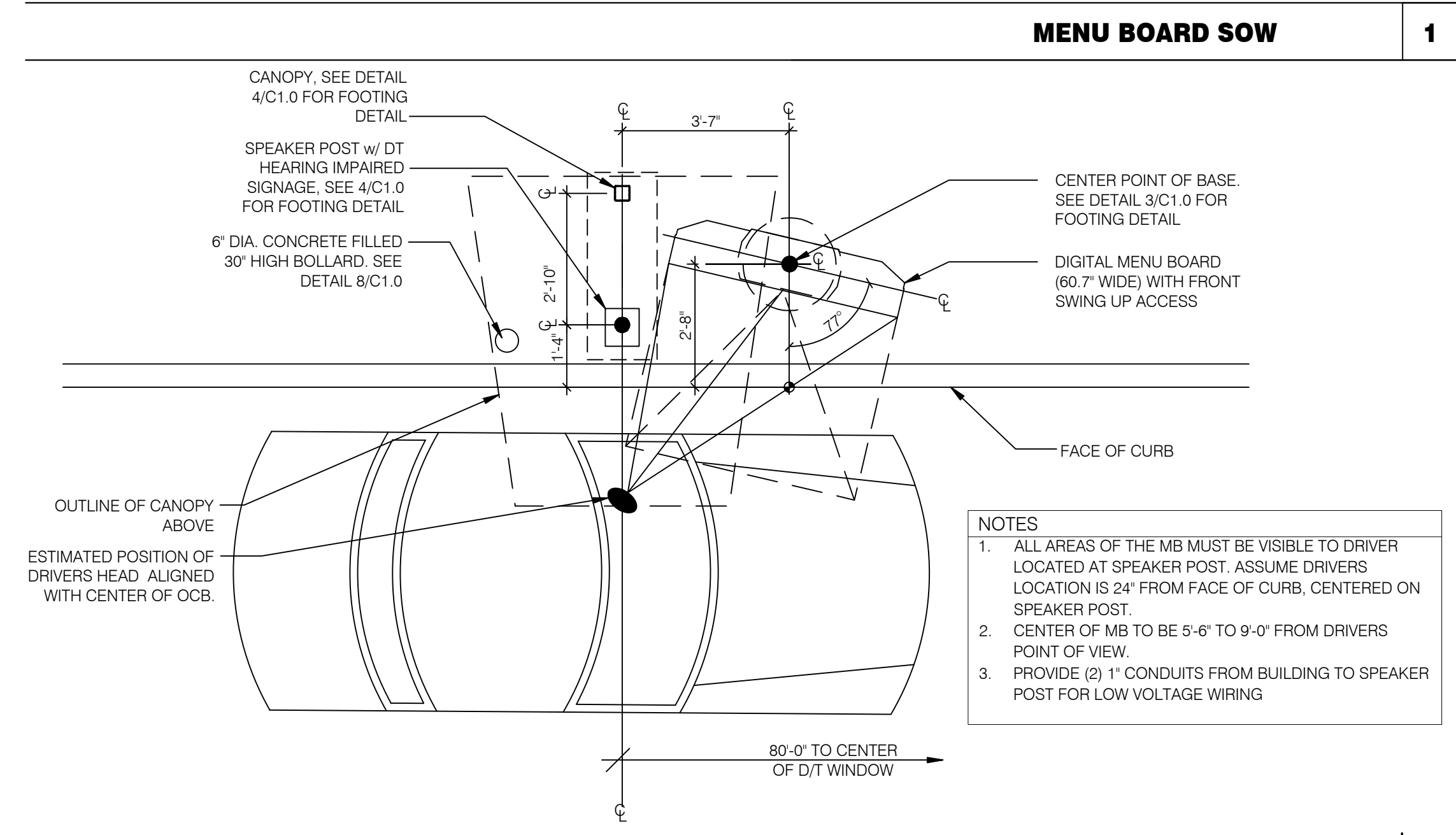


ENLARGED MENU BOARD DETAIL @ CURVED CURB 3/8" = 1'-0" **6**

- 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**
- TRENCHING/ CONDUIT- GC
 - FORMING/ FOUNDATION/ ANCHOR BOLTS - GC
 - DMB INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR
 - ELECTRICAL - PULL BY GC - DEDICATED CIRCUIT
- REMODEL (SUCCESSOR MANDATORY - MIDTERM OPTIONAL FOR FZ)**
- EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

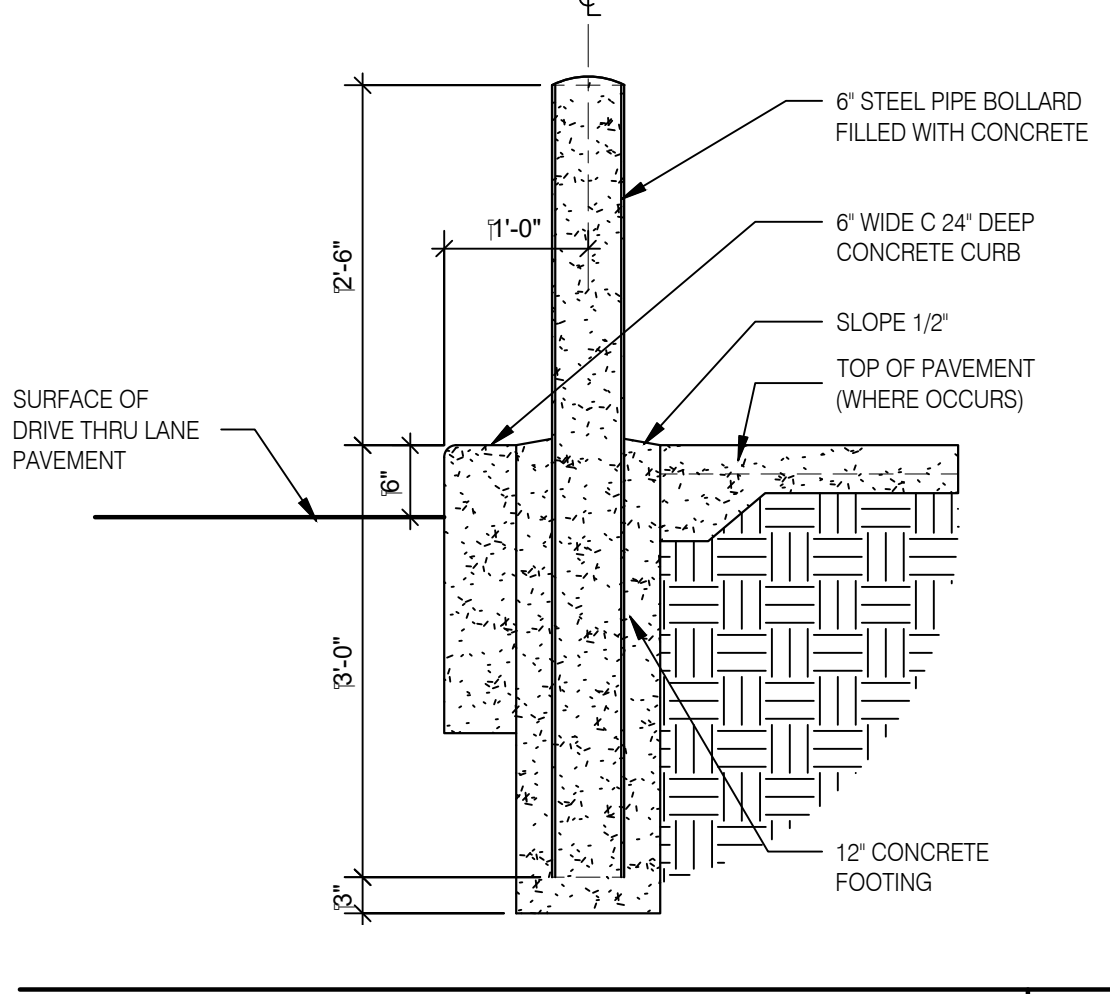
- JUST DMB INSTALL**
- PERMITTING - SIGN VENDOR
 - EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - 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

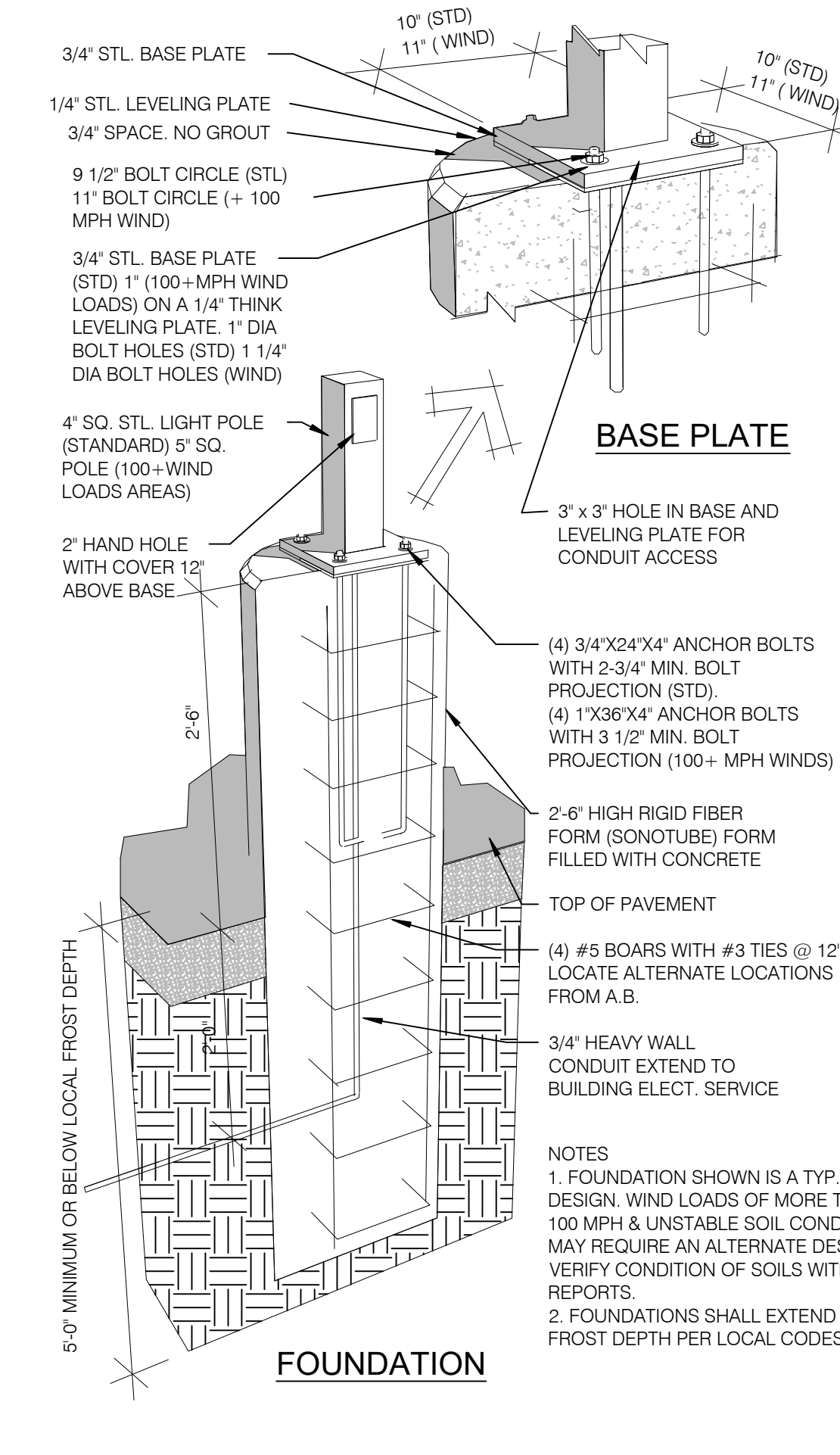


ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB 3/8" = 1'-0" **2**

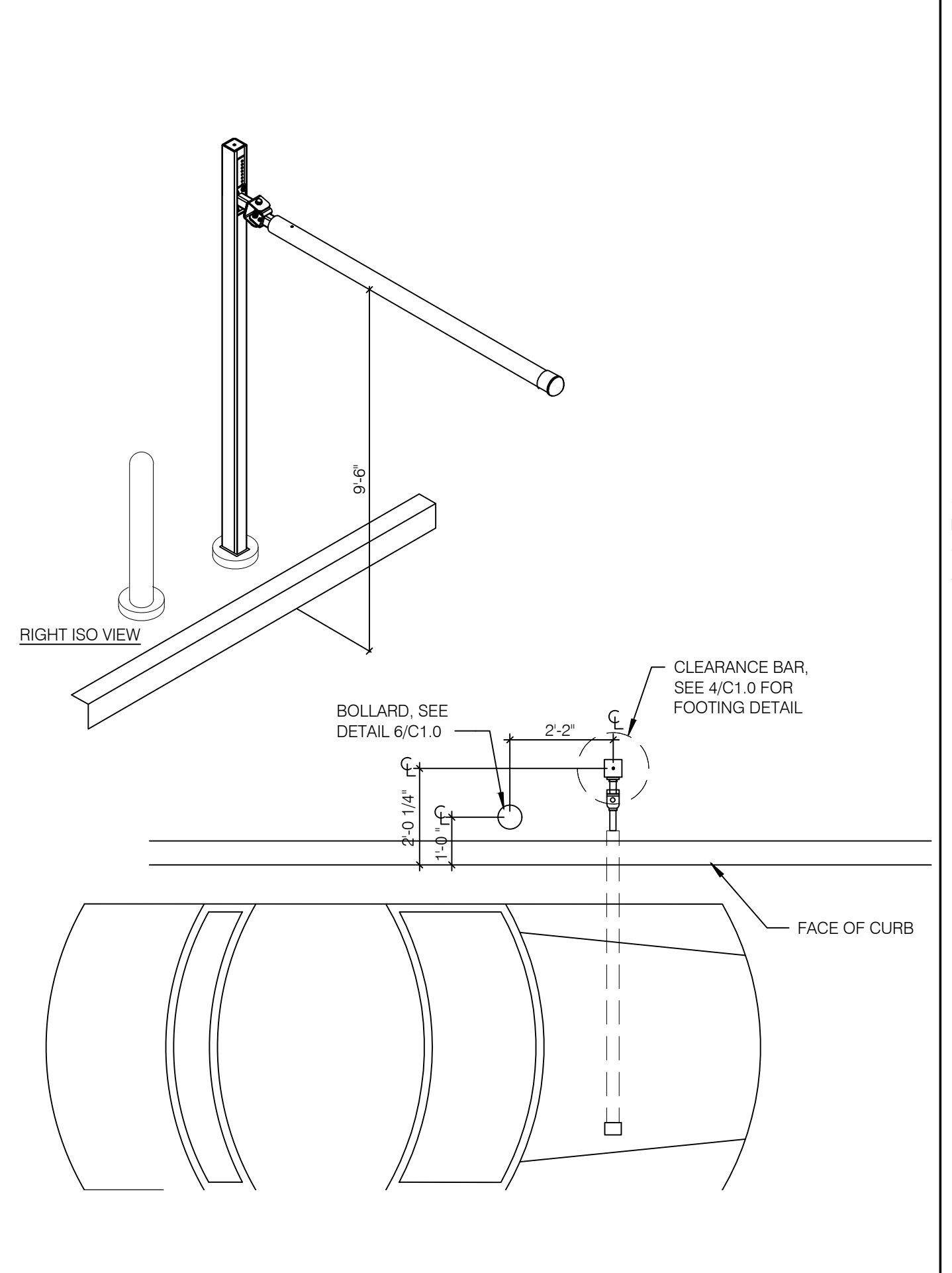
CANOPY AND SPEAKER FOOTING N.T.S. **9**



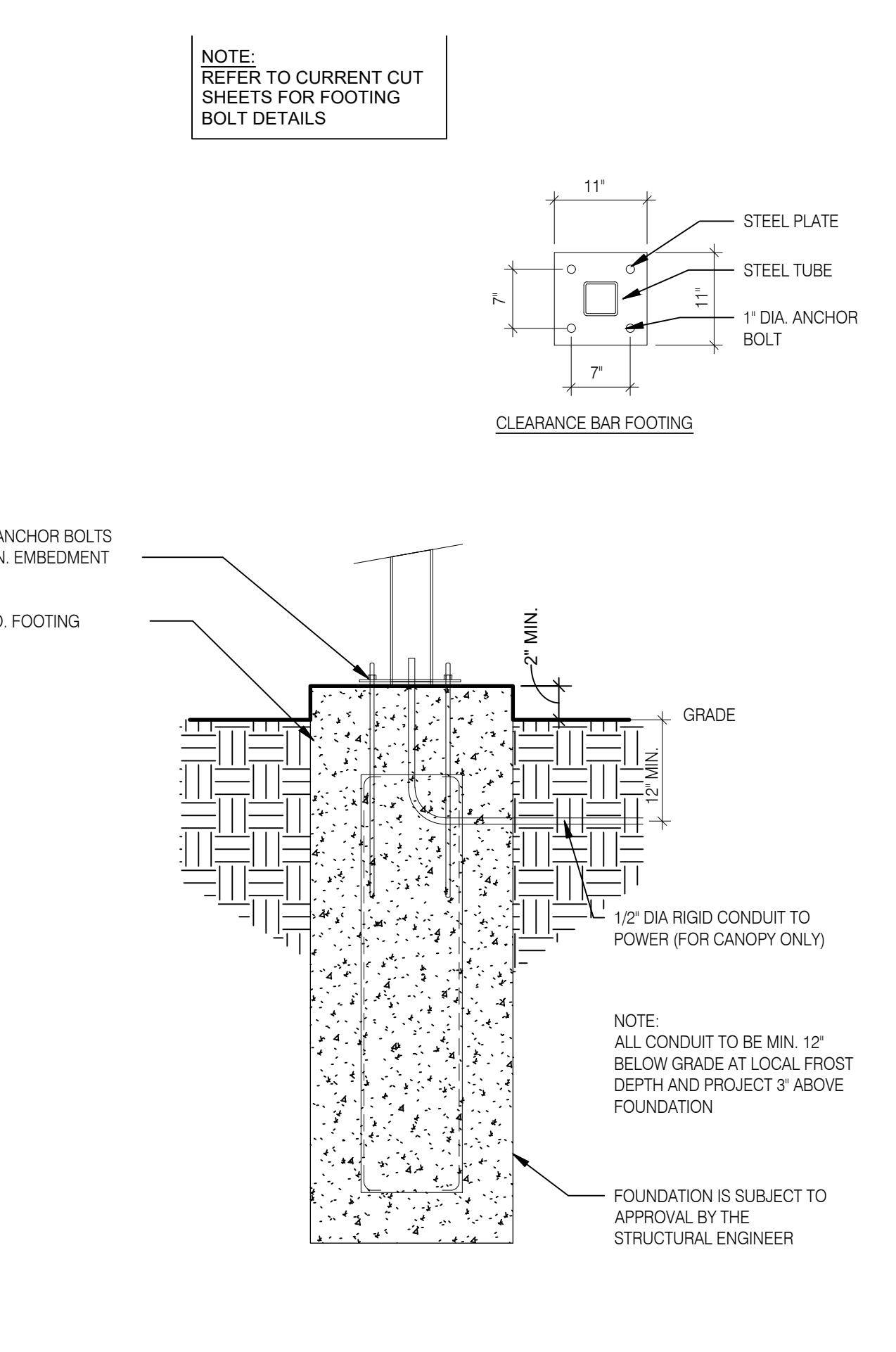
BOLLARD AT DRIVE THROUGH N.T.S. **8**



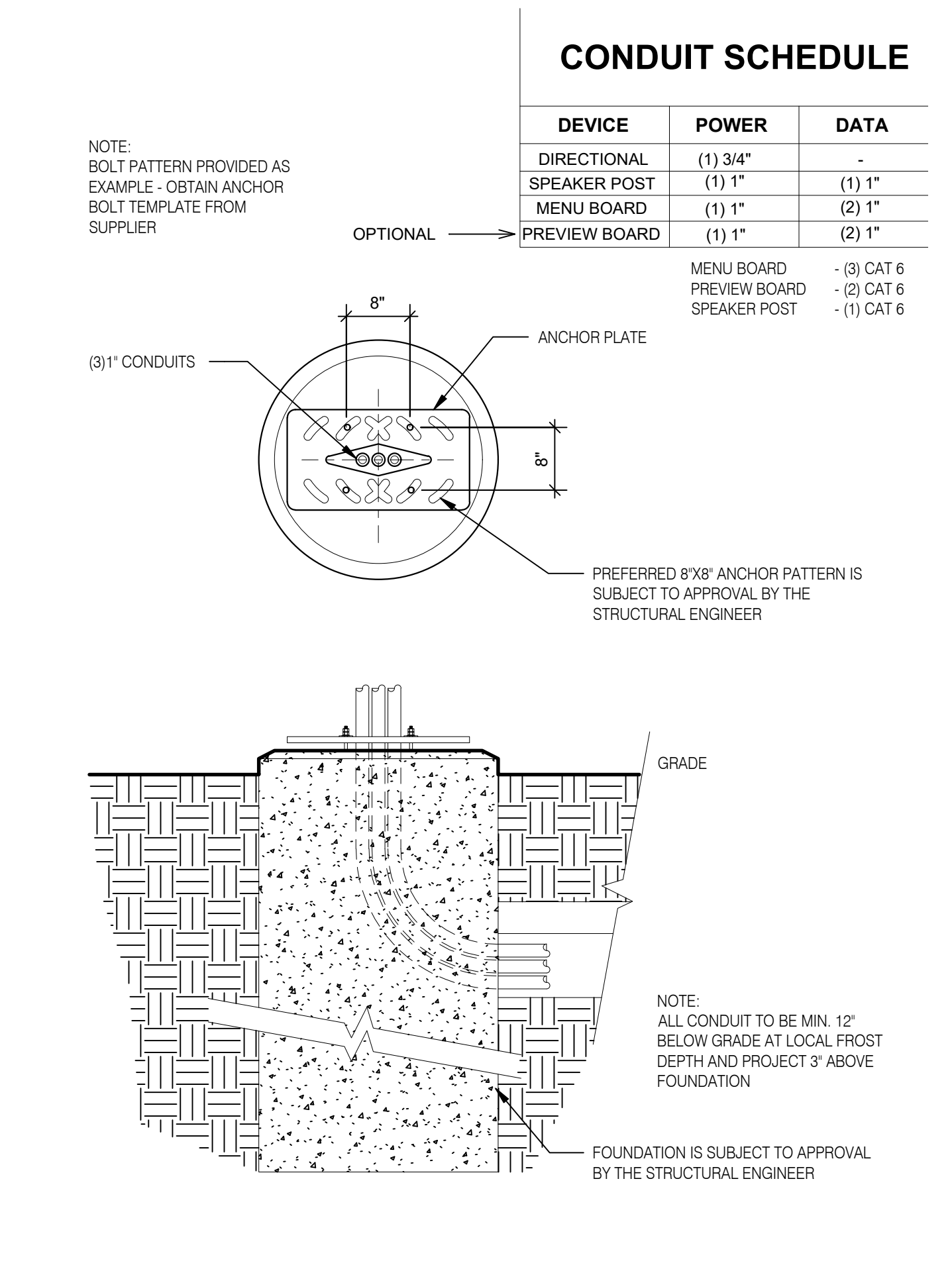
LIGHT POLE FOOTING N.T.S. **7**



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



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



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



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 # 20023

DATE	REMARKS
2/25/2022	Issued for Bids

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

GREAT LAKES
TACO, L.L.C.

6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
SITE DETAILS

C1.0

PLOT DATE: 2/25/2022

Ordinance Notes:

North Property Line
 Required Minimum Screening and Landscaping: Greenbelt E (10' wide) = 1 large deciduous or evergreen tree and 3 shrubs per 30 in. ft. (148/30 = 4.933)
 Provided: 5 evergreen trees, 39 shrubs and 7'10" greenbelt

Note: A 10' wide greenbelt is not feasible due to the physical site layout and conditions.

East Property Line
 Required Minimum Screening and Landscaping: Land Form Buffer, Buffer Strip & Obscuring Fence, or Screen Wall.
 Provided: 9 deciduous trees, 3 evergreen trees and 90 shrubs

Note: A Land Form Buffer, Buffer Strip & Obscuring Fence or Screen Wall is not feasible due to the physical site layout and conditions. Instead we are proposing a Greenbelt E: 1 large deciduous or evergreen tree and 3 shrubs per 30 in. ft. (333/30 = 11.266)

West Property Line
 Required Minimum Screening and Landscaping: Greenbelt E (20' wide) = 1 large deciduous or evergreen tree and 3 shrubs per 30 in. ft. (333/30 = 11.266)
 Provided: 10 deciduous trees, 30 shrubs and 45' greenbelt.

Note: A 20' wide greenbelt is not feasible due to the physical site layout and conditions.

South Property Line
 Required Minimum Screening and Landscaping: Greenbelt E (20' wide) = 1 large deciduous or evergreen tree and 3 shrubs per 30 in. ft. (133/30 = 4.6)
 Provided: 5 deciduous trees, 37 shrubs and 3'6" greenbelt.

Parking Lot Landscaping
 Parking lots containing 10 or more parking spaces shall provide 20 sq. ft. of landscaping per parking space. (37 spaces x 20 = 740 sq. ft.) 1 tree and 3 shrubs per 100 sq. ft. shall be provided.
 Provided: 7 trees, 29 shrubs and 740 sq. ft. of landscaping.

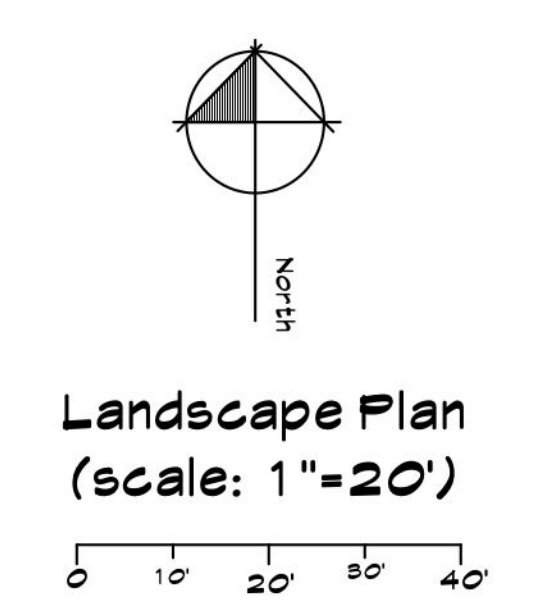
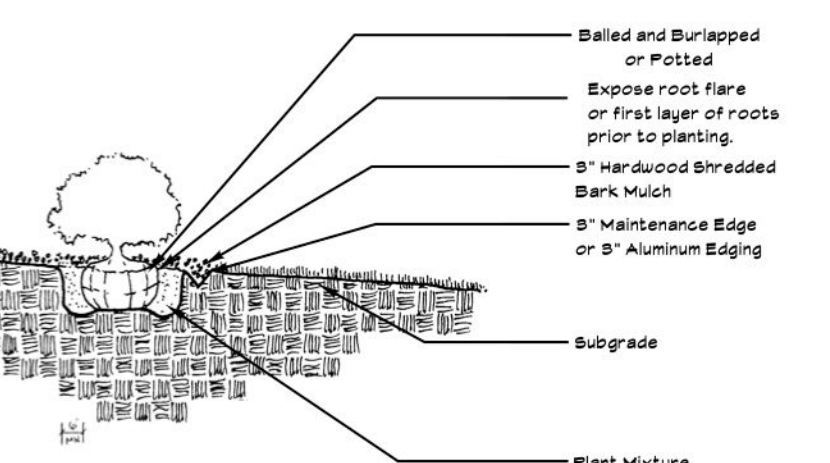
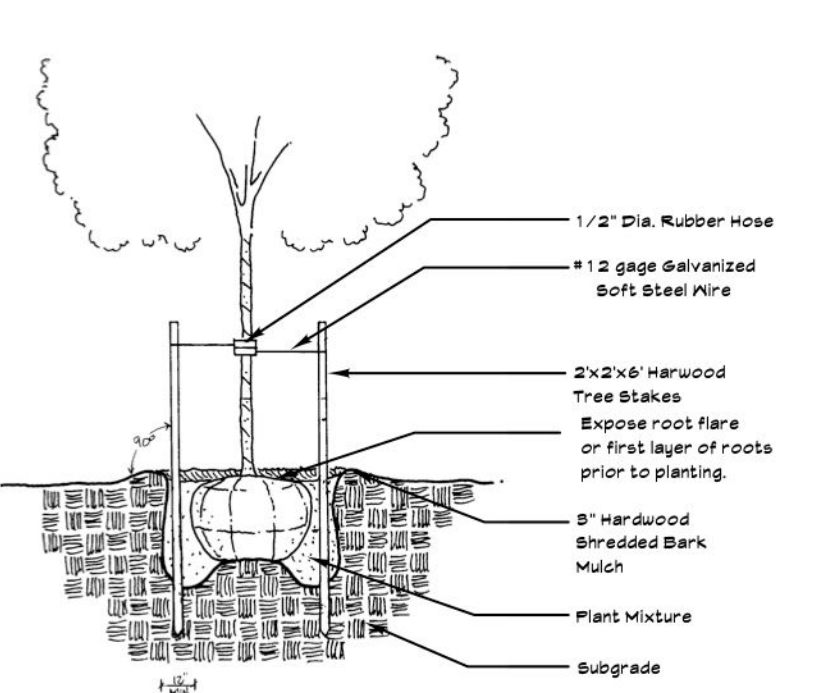
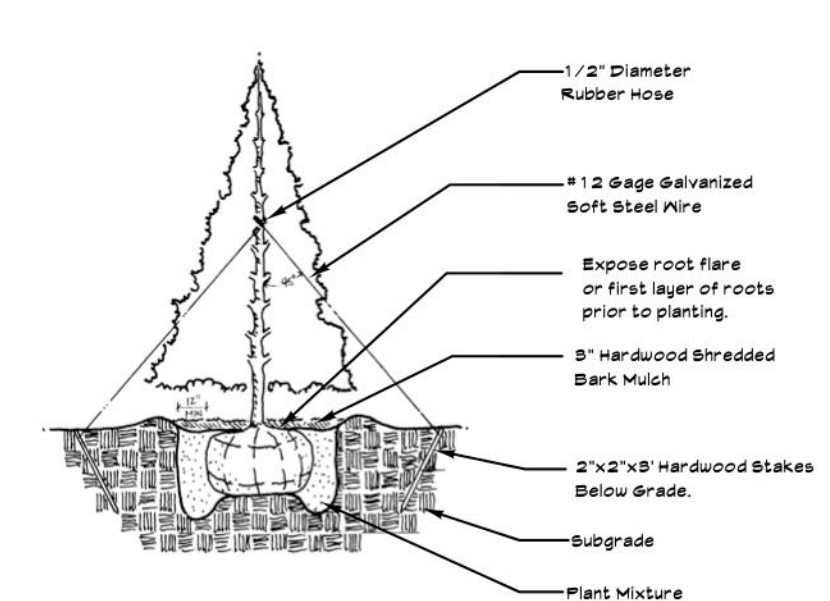
Interior Landscape Requirements
 Required: All interior landscaping shall provide 1 large deciduous tree, small ornamental tree, or evergreen tree and 3 shrubs for every 300 sq. ft. of required interior landscaping area. (46,549 sq. ft. x 1/30 = 698.7 sq. ft.)
 Due to the non exclusive utility and access easements, overhead power lines, electrical panels and sanitary lift station the site does not allow space for the interior landscaping per ordinance. However, the landscape plan does provide 15,716 sq. ft. of landscaping, 39 Trees and 291 Shrubs through careful coordination of parking lot landscaping, peripheral landscaping and building landscaping.

Irrigation Requirements
 All lawn and shrub bed areas in excess of 200 sq. ft. shall be watered by an automatic irrigation system to assist in maintaining a healthy condition for all landscape plantings and lawn areas. The irrigation system shall be designed and installed by the Landscape Contractor and include a rain sensor. Shrub areas shall be irrigated with drip irrigation.

Plant List

Quantity	Common Name	Latin Name	Planted Size	Section
6	Redpointe Maple	Acer rubrum 'Frank Jr.'	2 1/2" cal.	5.1 9 D 4 G
9	Ginkgo Tree	Ginkgo biloba	2 1/2" cal.	5.1 9 D 4 G
7	Boulevard American Linden	Tilia americana 'Boulevard'	2 1/2" cal.	5.1 9 D
9	Armstrong Gold Maple	Acer rubrum 'Armstrong Gold'	2 1/2" cal.	5.1 9 D
3	Serbian Spruce	Picea omorika	7' ht.	5.1 9 D
76	Little Devil Ninebark	Physocarpus opulifolius 'Little Devil'	30" ht.	5.1 9 D 4 N
73	Little Henry itea	Itea virginica 'Sprich'	30" ht.	5.1 9 D
60	Hick's Yew	Taxus 'Hick's'	30" ht.	5.1 9 D
37	Spilled Wine Weigela	Weigela florida 'Bokrasplwi'	30" spd.	5.1 9 D 4 G
36	Yellow Carpet Rose	Rosa 'Yellow Flower Carpet'	30" spd.	5.1 9 G
7	Gem Box Inkberry Holly	Ilex glabra 'Gem Box'	30" ht.	5.1 9 G

(note: Plant list for ordinance purposes only, the landscape contractor is responsible for plant quantities shown on the landscape plan)



Landscape Plan (scale: 1"=20')

- 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 Landscape Architect.
 - All plantings shall be mulched with 3" double shredded premium hardwood bark mulch. Trees in lawn areas shall receive a 6" diameter barking 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 areas shall be edged with a mechanical bed edger to define a border for the shredded bark mulch unless noted otherwise.
 - Parking islands shall be back filled with at least 12" of topsoil. Amend the topsoil with composted manure and mix into the topsoil at a depth of 6-12". Any aggregate or stone from the construction of the parking lot shall be removed prior to backfill.
 - Lawn areas shall receive at least 4" of topsoil and sod. Check with specifications for topsoil availability or contact project manager. Topsoil for lawns shall be appropriate for growing and sustaining a healthy lawn.
 - All lawn and shrub bed areas in excess of 200 sq. ft. shall be watered by an automatic irrigation system. The irrigation system shall be designed and installed by the Landscape Contractor and include a rain sensor. Shrub areas shall be irrigated with drip irrigation.
 - 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.
 - All required plantings shall be guaranteed for a period of 2 years and those which are diseased or dead must be replaced in conformance with the approved landscape plan.
 - Plant materials shall be chosen and installed in accordance with standards recommended by the County Cooperative Extension Service or American Nursery Association.

DESIGN SCAPES
 Residential and Commercial Landscape Design
 1391 407th Avenue, White Lake, Michigan 48184-1505
 P: 313.281.2505

JOYCE E. WEISE
 LANDSCAPE ARCHITECT
 No. 1202
 LICENSED LANDSCAPE ARCHITECT

Landscape Plan Drawn By:
 Joyce E. Weise P.L.A., A.S.L.A.

Taco Bell Restaurant
 Parcel ID#: 12-20-276-039 Highland Road
 White Lake Twp., Michigan

PROPOSED LANDSCAPE PLAN FOR:

AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS

PROJECT NUMBER:
010322

DRAWN BY:
Joyce E. Weise P.L.A., A.S.L.A.

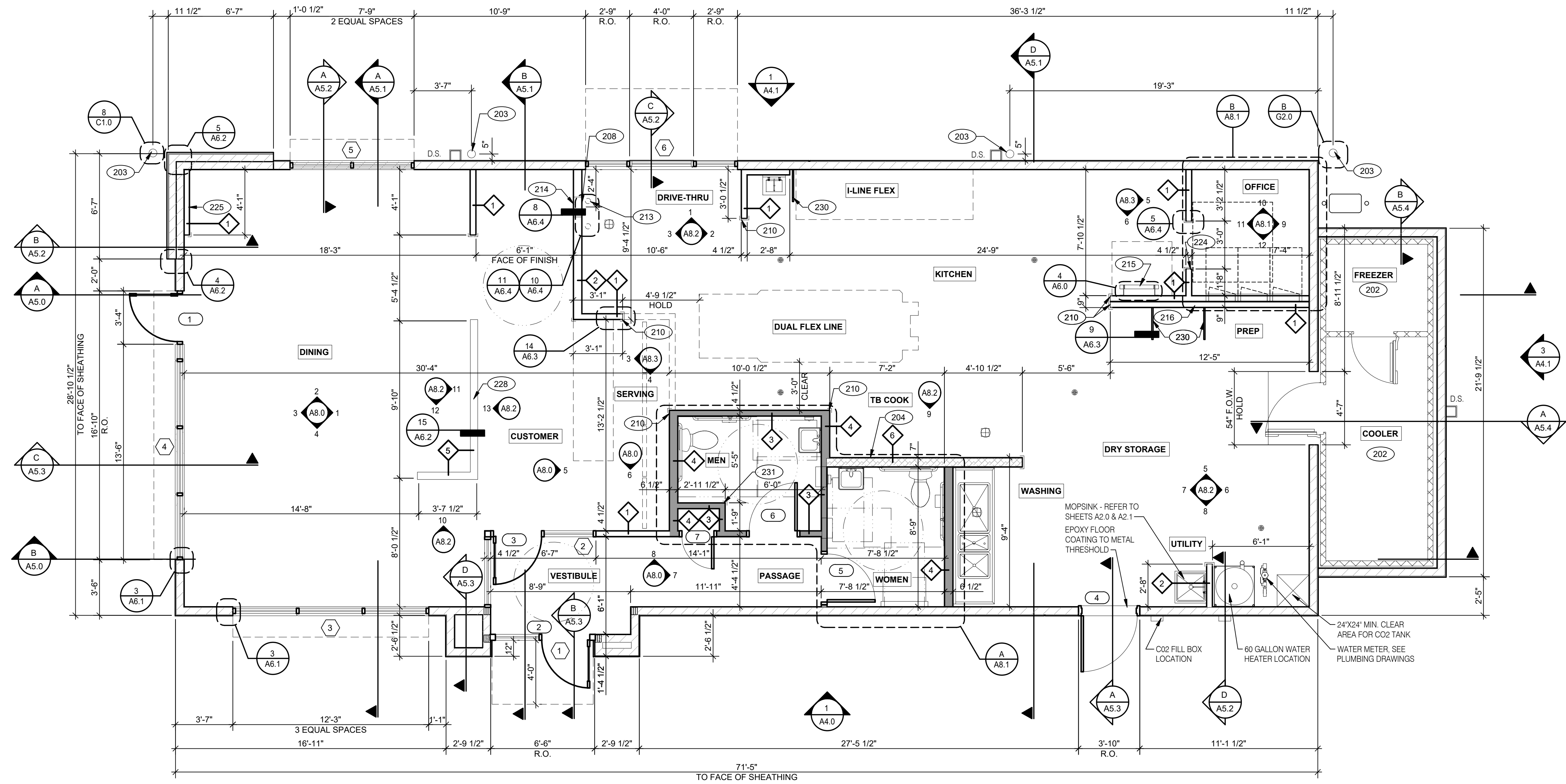
DRAWING DATE:
012822

ISSUED FOR:
02/01/22 Site Plan Approval
03/01/22 Final Site Plan Approval

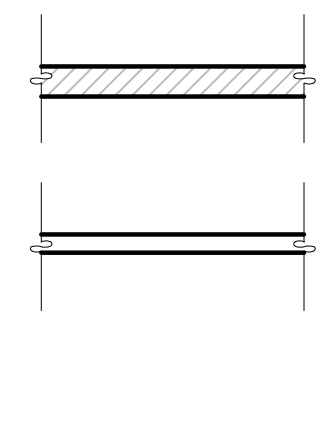
SCALE
1"=20'

SHEET NUMBER
L-1

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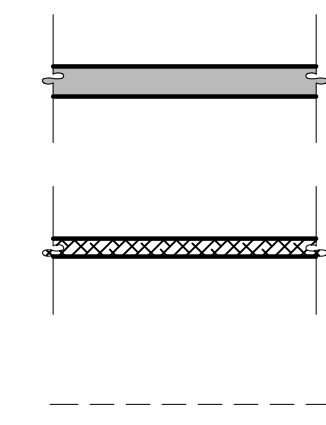
FLOOR PLAN 1/4" = 1'-0" **1**



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 2M3.0 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 TO 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 SCHEDULED.

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 / WAJNSCOT 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 A6.0 - A6.3 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**



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 # 20023

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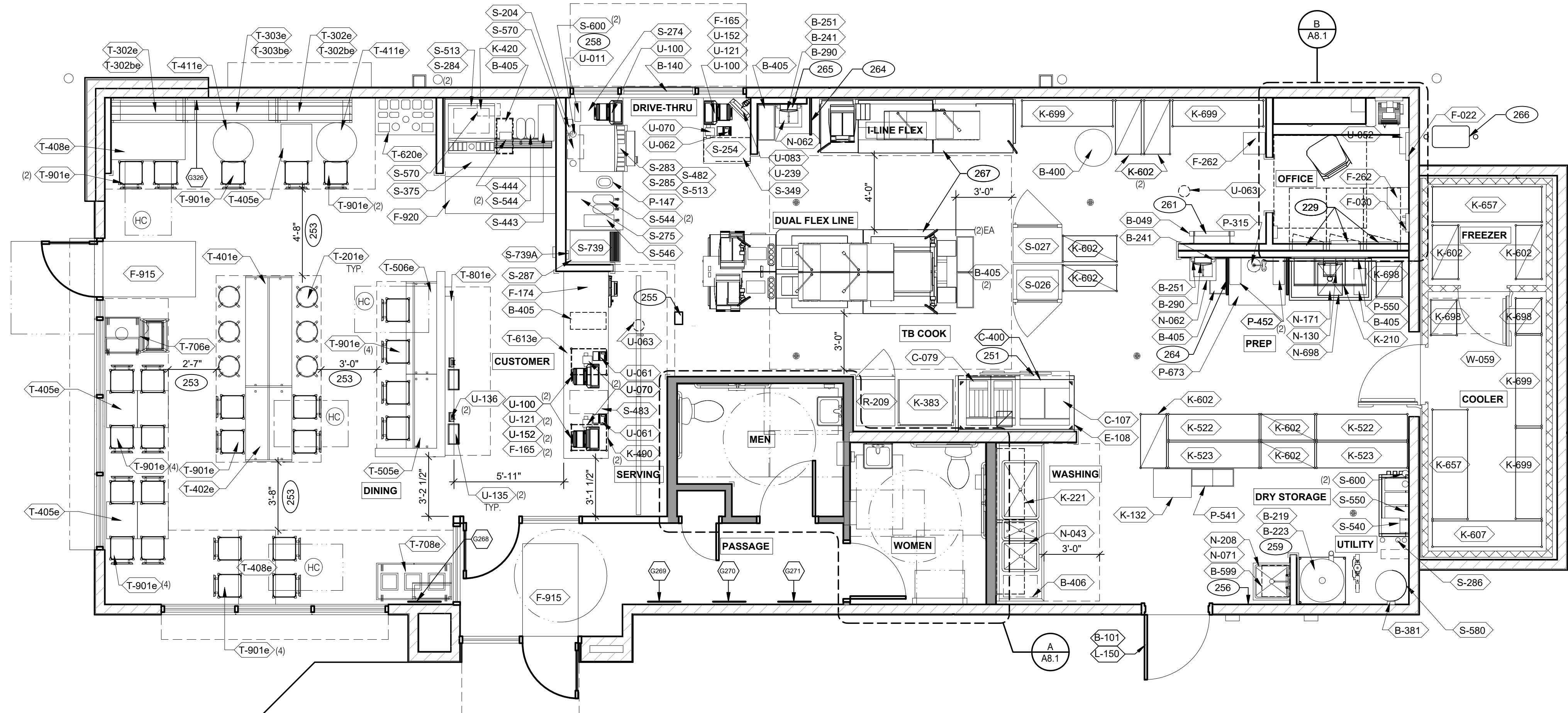
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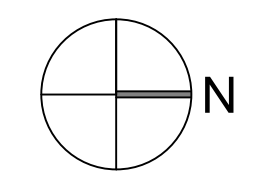
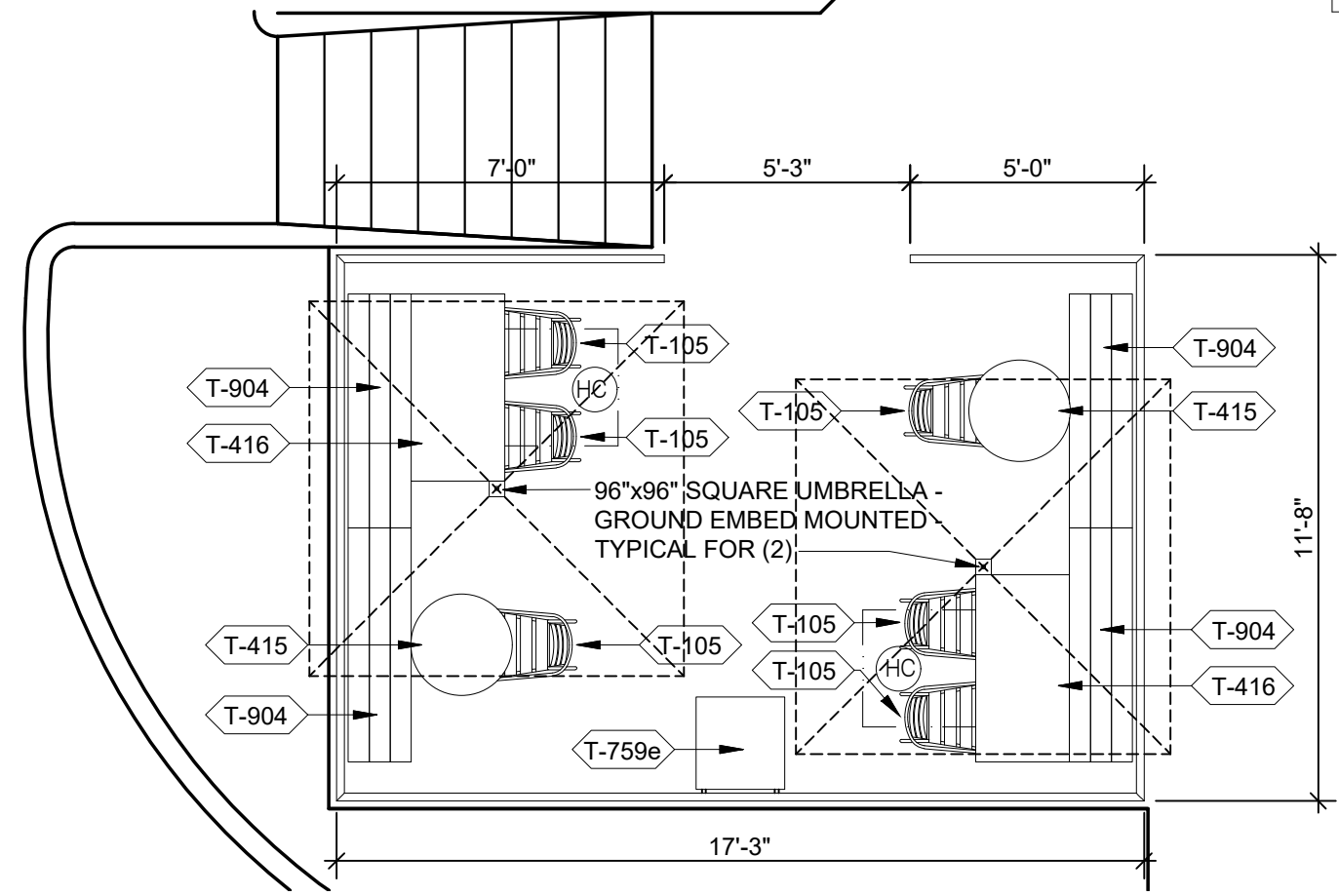
ENDEAVOR 2.0
FLOOR PLAN

A1.0

PLOT DATE: 2/25/2022



NTD:
 OPTIONAL: ROLL-A-SHADE INFINITY SYSTEM
 MATERIAL: SHEERWEAVE 2390 5% CHARCOAL
 FASCIA SYSTEM: DARK BRONZE
 CONTACT - RIC BERG
 951.245.5077 EXT. 113
 RIC.BERG@ROLLASHADE.COM



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

TAG	QTY	ITEM DESCRIPTION
T-105	5	RETRO CHAIR - 18
T-201e	6	BARREL BARSTOOL - 29 PURPLE WOOD SEAT
T-302be	2	BENCH BACK REST - 48"
T-302e	2	BENCH SEAT - 48"
T-303be	1	BENCH BACK REST - 60"
T-303e	1	BENCH SEAT - 60"
T-401e	1	HUB TABLE - 72" - HIGH TOP
T-402e	1	HUB TABLE - 48" - ADA
T-405e	5	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP
T-408e	2	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-411e	2	SS TABLE - 24 DIA X 30 - 2 TOP
T-415	1	SS TABLE - 24 DIA X 30 - 2 TOP
T-416	2	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

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

TAG	QTY	ITEM DESCRIPTION
T-620e	1	CONDIMENT COUNTER - RECTANGLE
T-706e	1	WASTE ENCLOSURE - SINGLE
T-708e	1	WASTE ENCLOSURE - 3 STREAM
T-801e	1	KIOSK 1/2 TOWER
T-901e	25	CHAIR - LAMINATE SEAT
T-903	4	BENCH SEAT - 48"
T-904	3	BENCH SEAT - 60"
T-105	6	PATIO - RETRO CHAIR - 18
T-415	2	PATIO - SS TABLE - 24 DIA X 30 - 2 TOP
T-416	2	PATIO - LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-759e	1	PATIO - WASTE ENCLOSURE - SINGLE
T-904	4	PATIO - BENCH SEAT - 60"

QTY.	NAME	FAMILY	FRAME OR MUBAL	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**

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

SHELVING QUANTITIES **C2**

GENERAL NOTES **C1**

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

- 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 CASPED 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.
- 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.

KEY NOTES **B**



L + A
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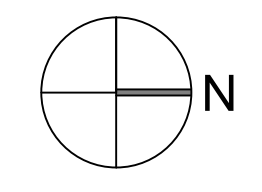
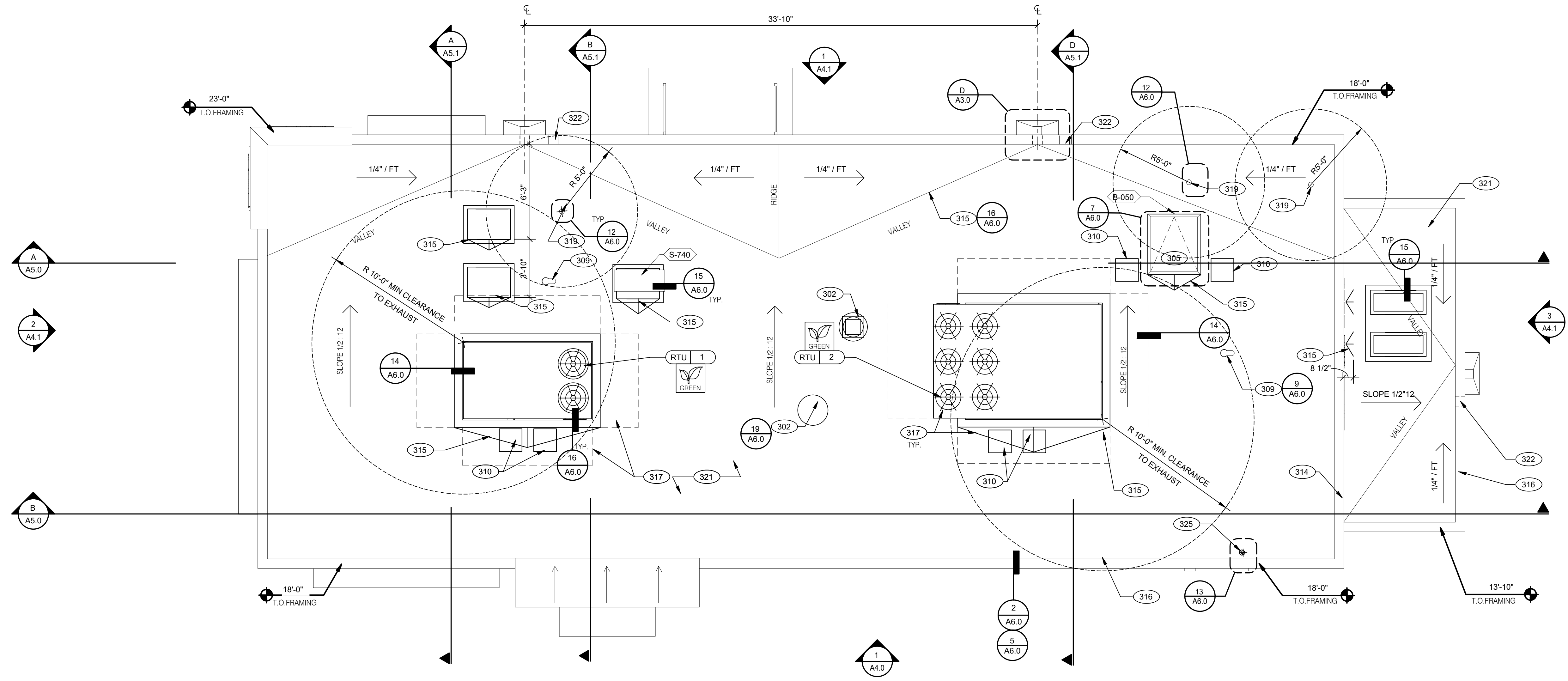
ENDEAVOR 2.0
EQUIPMENT
AND SEATING
PLAN

A2.0

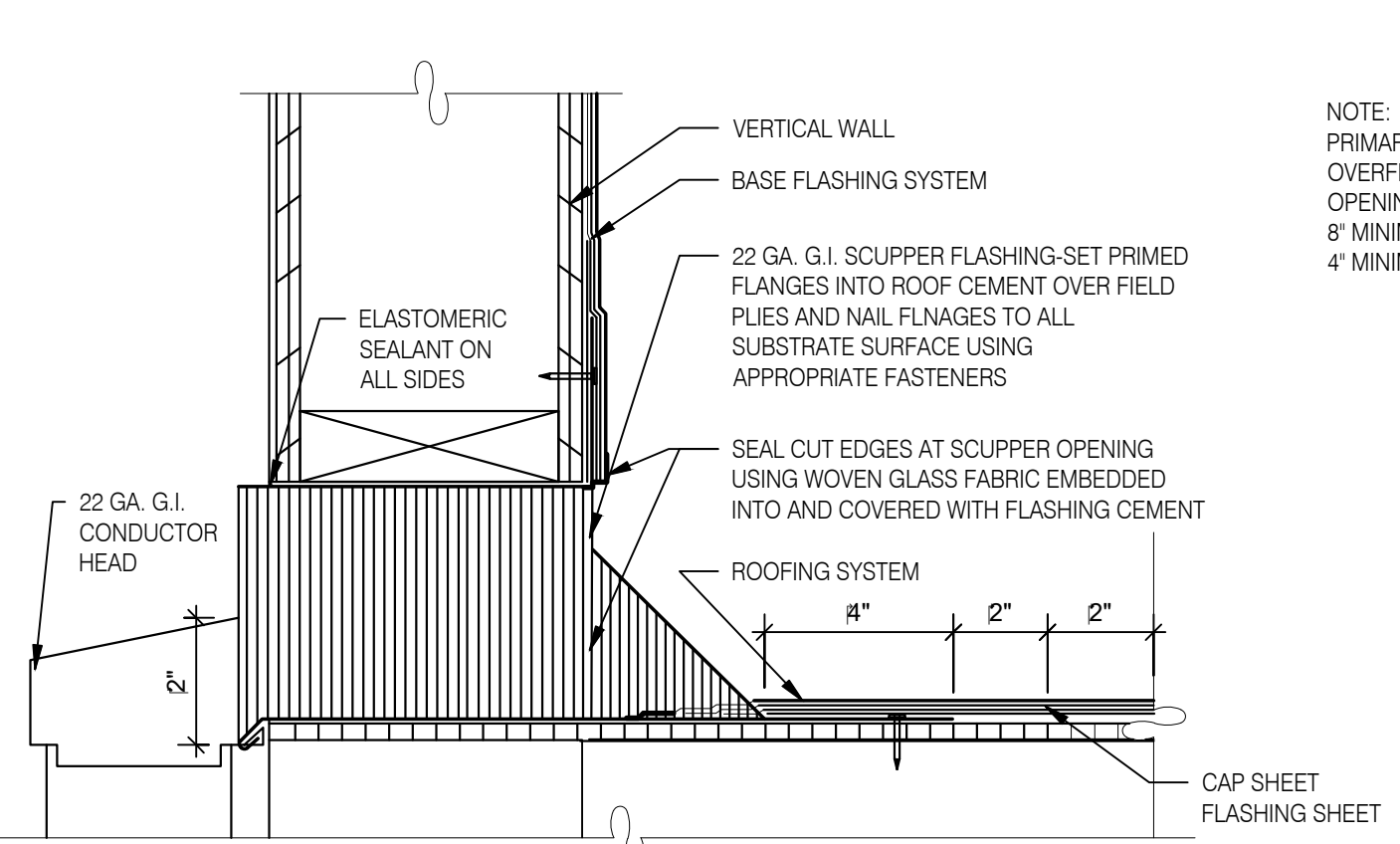
PLOT DATE: 2/25/2022

EQUIPMENT SCHEDULE

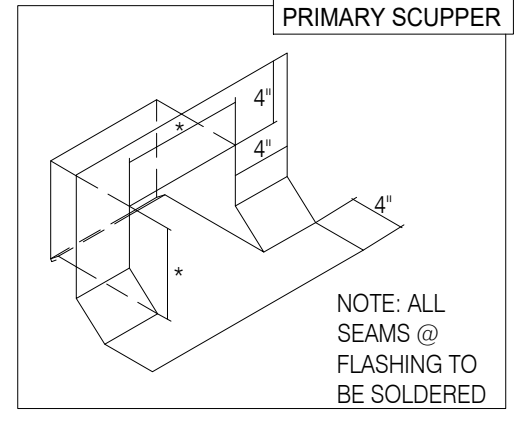
TAG	#	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING	ELECTRICAL	GAS	REMARKS	TAG	#	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING	ELECTRICAL	GAS	REMARKS
B CONTRACTOR BUILDING ELEMENTS								S SERVING/DRIVE-THRU							
B-049	1	X ROOF LADDER	PRECISION LADDER #PH-G2-6X3-0					S-023	1	X WARMER, EVO	CARTER HOFFMAN				X MOUNT ON PRODUCTION LINE OVER SHELF
B-050	1	X ROOF HATCH	PRECISION LADDER #PH-G-2-6X3-0					S-024	2	X WARMER, EVO	CARTER HOFFMAN				X MOUNT ON PRODUCTION LINE OVER SHELF
B-101	1	X SECURITY DOOR	RSBS FACILITIES CONNECTION				SECURITY DOOR PER QUOTE LOCKNET TAN STEEL INCLUDES: STEEL FRAME	S-026	1	X HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB				X W/8 SHELVES EACH
B-140	1	X DT WINDOW	QUICKSERV#SC4030BR - SELF CLOSING, R/H HANDLE, OPENS RIGHT				FINISH TO MATCH STOREFRONT, DARK BRONZE	S-027	1	X HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB				X W/ 8 RACKS
B-219	1	X WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147					S-065	1	X DESSERT TOWER	HATCO #GRBW-24D				
B-223	1	X 98% HIGH EFFICIENCY 120 MBH, 60 GAL. GAS WATER HEATER	A.O. SMITH BTH 120 60 CYCLONE HE	X	X			S-204	1	X DRIVE-THRU TIMER SYSTEM	HME #C11422TB				
B-241	4	X SOAP DISPENSER (WALL MOUNT)	KAY 3741					S-254	1	X CONDIMENT RACK	PRONTO #CHPW0446				
B-251	2	X SANITIZER DISPENSER (WALL MOUNT)	KAY 3741					S-274	1	X DRIVE-THRU 61 IN X36.56 IN BEVERAGE WORKSTATION	SPG WST1242YA				OPTIONAL: METRO
B-253	2	X PAPER TOWEL DISPENSER/TRASH 12 GAL.	BOBRICK #B-3944					S-275	1	X DRIVE-THRU 24.5 IN X36.5 IN BEVERAGE WORKSTATION	SPG WST1343Y				
B-265	2	X MIRROR, 18 x 36	BOBRICK #B-165-1836					S-283	1	X DRINK STAGER WITHOUT STRAW HOLDER	WST788E				
B-275	2	X TOILET PAPER DISPENSER	BOBRICK #B-2890					S-284	1	X BEVERAGE DISPENSER - SELF-SERVE	CORNELIUS 611057625	X	X		SEE SCOPE OF WORK (PEPSI)
B-290	2	X PAPER TOWEL DISPENSER	BOBRICK #B-262					S-285	1	X BEVERAGE DISPENSER - DRIVE THRU	SERVEND	X	X		SEE SCOPE OF WORK (PEPSI)
B-300	2	X GRAB BAR 1-1/2 DIA. X 42 S.S. FIN.	BOBRICK #B6806X42					S-286	1	X WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003				FRANCHISEES CAN USE SELECTO #TB5/620-5
B-305	2	X GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X48					S-287	1	X ISS-TABLE, D/T, TB, 20.5 IN X34.1 IN PREASSEMBLED	FBD #1273610021	X	X		FRUITISTA TABLE
B-310	2	X GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18					S-349	1	X DRIVE-THRU PICK-UP WORKSTATION 30X42	SPG				OPTIONAL:METRO
B-320	1	X CHANGING STATION						S-375	1	X DRINK STATION	CARTER-HOFFMAN				S/S, INSULATED DRAIN TROUGH, WEIGHT RATED
B-381	1	X CO2 CARBON DIOXIDE SENSOR/WARNING	Log/CO2 CO2 MK9 SENSOR		X			S-443	1	X LID DISPENSER	CAL-MIL ADA TB103				
B-400	1	X WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)					S-444	1	X NAPKIN DISPENSER	TOR XPRESSNAP #5555100				
B-405	7	X WASTE BASKET						S-482	1	X CUP DISPENSER	A.J. ATUNES #DAC560				W/ ANGLED MOUNTING BRACKET OMNITEAM CDB-DTA
B-406	1	X WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)					S-483	1	X CUP DISPENSER	A.J. ATUNES #DAC550				
B-410	1	X SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140					S-489	2	X SCALE	EDLUND				10#X 1OZ. ELECTRONIC, EDLUND #DS-10 CSTM, WSM #113464
B-599	1	X MOP SINK SHELVING	SPG #WST806Y					S-513	2	X ICE MAKER (PLACED ON TOP OF DRINK MACHINES)	MANITOWOC, KMS-1401MLJ	X	X		W/ROOF MOUNTED CONDENSERS HOSHIZAKI FRANCHISEES CAN USE HOSHISAKI KMS-1230
C COOKING EQUIPMENT								U SECURITY/COMMUNICATIONS/FIRE PROTECTION/POS							
C-079	1	X DUAL FRYER	FRYMASTER #2FOG30U	X	X		COMES WITH GAS HOSE KIT (OPTIONAL: PITCO #TB-SHLLV14-2/VD FS7)	S-544	4	X ICE TEA URN	BUNN/UDO-N-3.5				
C-107	1	X RETHERMALIZER	PITCO #TB-SRTG14-2	X	X			S-546	1	X ICED TEA BREWER	TETLEY TB3Q	X	X		
C-197	3	X TOASTER, SPLIT LID	PROLUXE SL1266TB		X		POWERED BY PRODUCTION LINE - (OPTIONAL: STAR #PSC14DTB)	S-550	1	X BAG-IN-BOX SYRUP RACK	CORNELIUS/REMCOR BNP12B8P	X			FLO-3REG-2CRB (BY PEPSI)
C-254	3	X CHEESE MELTER (SINGLE)	A.J.ATUNES #CM-100	X	X		POWERED BY PRODUCTION LINE	S-570	2	X CARBONATOR	CORNELIUS/REMCOR	X	X		SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)
C-400	2	X RETHERMALIZER TIMER	FAST #TBZAP12120V		X			S-580	1	X CO2 BULK TANK	MVE #11805373				
E EXHAUST HOODS/FIRE SUPPORT								W WALK-IN COOLERS/FREEZERS							
E-108	1	X STROTEVENT 106 IN. H X 111 IN. L BACK SPLASH	STROTEVENT MODEL #BACKSPLASH106X111FLA		X			S-600	4	X BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X			SEE SCOPE OF WORK (PEPSI)
E-272	1	X TIMER OUTLET			X			S-739	1	X FROZEN BEVERAGE DISPENSER, REMOTE	FBD #12-7362-00021	X	X		MUST ORDER REMOTE CONDENSER S-739A FREEZE TRANSFORMER
F OFFICE/EMPLOYEE/MUSIC/MISCELLANEOUS								X WALK-IN							
F-014	1	X FILE CABINET (2 DRAWER HIGH) 18X36X27H	HON #582LL					U-011	1	X BASE STATION - D/T COMM. SYSTEM	HME #C40000-5-HS3-TB				
F-021	1	X CHAIR - OFFICE	HON #4609AB10				IN OFFICE AREA, SEE SHEET A8.2	U-052	1	X SECURITY SYSTEM	ADT #3BCZTB		X		
F-022	1	X LICENSE FRAME (BLACK)	CREATIVE PALETTE TB30		X		IN OFFICE AREA	U-061	2	X CREDIT CARD READER			X		
F-026	1	X DESK LAMP	TBD				IN OFFICE AREA, SEE SHEET A8.2	U-062	1	X DRIVE-THRU CREDIT CARD READER	VERIFONE P400				
F-030	1	X COAT HOOK	ISS #HOOK246R2Y		X		IN OFFICE AREA	U-063	2	X ALARM SENSOR			X		
F-040	1	X OFFICE COMPUTER	POS PROVIDED		X		IN OFFICE AREA, SEE SHEET A8.2	U-070	3	X RECIEPT PRINTER	EPSON				2 FOR F/C AND 1 D/T 5.71 IN X 7.68 IN X 5.83 IN
F-050	1	X CREDIT CARD SATELLITE ROUTER JUNCTION						U-076	2	X ATOM SERVER	EN POINTE TECHNOLOGIES	X			12V DC 60W SYSE3029AR5011-CSP
F-060	1	X MONITOR - OFFICE	YUM					U-077	7	X TABLET 10.1"	EN POINTE TECHNOLOGIES - TABLET E611101				
F-080	1	X OFFICE PRINTER/COPIER/FAX/SCANNER	POS PROVIDED		X			U-083	22	X 22 IN MONITOR	VIEW SONIC VA2259-SMH				1920 X 1080 RESOLUTION
F-090	5	X UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED		X			U-100	4	X POS/ORDER ENTRY TERMINAL			X		2 FOR F/C AND 1 D/T
F-102	1	X MONEY COUNTER	TELLERMATE #TIXR3000		X		IN OFFICE AREA	U-121	3	X CASH DRAWER BRACKETS	#SU186075Y				2 PER CASH DRAWER
F-131	1	X SPEAKERS	MOOD MEDIA LOCAL LEASE		X			U-135	2	X KIOSK TABLET	SSP		X		
F-165	3	X FRONT LOAD SAFE	PERMA VAULT #PRO-10TM					U-136	2	X VERIFONE (CREDIT CARD MACHINE)	SSP		X		
F-174	1	X SAFE WITH TOUCHSCREEN			X			U-152	3	X CASH DRAWER	IBM, NCR & PAR				2 FOR F/C AND D/T
F-211	1	X CLOCK	B&B SYSTEMS #02100100				IN OFFICE AREA, SEE SHEET A8.2	U-239	1	X MONITOR CEILING MOUNTED BRACKET	IBM, NCR & PAR				
F-262	2	X 6 COUNT EMPLOYEE LOCKERS E76000235	LYON WORKPLACE 12" X 18" X 78" GREY		X		IN OFFICE AREA	W WALK-IN COOLERS/FREEZERS							
F-270	1	X FIRST AID KIT	PROSTAT FIRST AID LCC #2617		X		IN OFFICE AREA	W-059	1	X WALK-IN	ICS/NORLAKE #105181	X	X		COMBO, TB, #105181, BUDGETARY 19-4X7X9-2 OAD, MEDIUM BUILDING PROTOTYPE, INCLUDES LED
F-500	1	X STACKABLE HIGH CHAIR						K WORKSTATIONS/SHELVING/CARTS							
F-504	1	X DVR & MONITOR						R REFRIGERATION							
F-915	2	X FLOOR MAT	CREWSAFE, ENTRANCE I #41150012				RUBBERIZED - 3'-5' RIBBED, CHARCOAL, WSM #800503	R-209	1	X FRY STATION REACH-IN FREEZER (RIGHT HINGED)	DELFIELD #GBF1P-SH-TB2		X		OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SH-K-TB2
F-920	1	X RUBBER MAT	CREWSAFE, WSM#800507				RUBBERIZED - BLACK 2X8, 1/4 NON SLIP CORRUGATED TOP & RUBBER NO-SLIP BACK ENTRANCE	L LIGHTING/SIGNAGE/MENUBOARDS							
K WORKSTATIONS/SHELVING/CARTS								N SINKS/DISHWASHER							
K-132	1	X CART, CLOSING MADE SIMPLE	SPG / ISS (Alternate: METRO)				#WST1434Y	P FOOD PREPARATION							
K-210	1	X PREP SINK WORKSTATION 50 TRACK	SPG / ISS (Alternate: METRO)				#WST255E, Wall Trax System for 1-Comp Sink, 16X50X40 + ACC	P-147	1	X BUNN COFFEE BREWER	MCA BLK Single Serve #35400.0005		X		
K-221	1	X 3 COMP SINK WORKSTATION 96 TRACK	SPG / ISS (Alternate: METRO)				#DS1F, Wall Trax System for 3 Comp Sink, (3) 18X24 GRIDS + ACC	P-315	1	X REVERSE OSMOSIS SYSTEM	3M #56123-06, FSTM-075		X		INSTALL OVER FLOOR SINK
K-383	1	X FRY WORKSTATION 30D x 78H x 36 in.	SPG / ISS (Alternate: METRO)				#WST1724E, 36 in. Crispy Frystation	P-362A	1	X FLEX I LINE, L-R	FRANKE		X	X	
K-420	1	X SHELF, BEV PLATFORM 18X24	SPG / ISS (Alternate: METRO)				#WST34Y: F-CARBONATOR, &OR RECIRC PUMP	P-362B	1	X FLEX DUAL LINE	FRANKE		X	X	
K-490	2	X SHELVING 18x24x24, 2-TIER	SPG / ISS (Alternate: METRO)				#WST440Y	P-417	1	X 8-CHANNEL TIMER	FAST #KTRACK2X4TB		X		
K-522	2	X SHELVING, 18x60x76, 5-TIER, SMALL PACKAGING	SPG / ISS (Alternate: METRO)				#WST1548Y	P-452	2	X HOT WATER SYSTEM	BUNN-MACHINE #43600.0014	X	X		Each System= Water Heater #43600.0014, Bracket #13125.0003, Shelf#12599.0000, Scale Inhibitor #39000.0001
K-523	2	X SHELVING, 18x60x76, 3-TIER, CUP & LID	SPG / ISS (Alternate: METRO)				#WST1580Y	P-541	1	X STORAGE BINS	B4B SYSTEMS #03070100				
K-602	9	X SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)				#WST238Y	P-550	1	X KNIFE RACK	EDLUND #KR-699				
K-607	1	X SHELVING	SPG / ISS (Alternate: METRO)					P-673	1	X WORK TABLE					
K-657	2	X SHELVING 24x72x86, 5-TIER	SPG / ISS (Alternate: METRO)				#SU247285Y: WALK-IN COOLER 24X72X86	L LIGHTING/SIGNAGE/MENUBOARDS							
K-698	3	X SHELVING 18X24X74, 5-TIER	SPG / ISS (Alternate: METRO)				#SU186075Y	L-043	4	X DIGITAL MENU BOARD	STRATACACHE, LG 43" DISPLAY		X		WITH CEILING MOUNTED BRACKETS
K-699	4	X SHELVING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO)				#SU186075Y	L-150	1	X SECURITY DOOR DANGER SIGN	ADVERCO#ADVCLUSTOM				ORDERED DIRECT FROM YRFS
K-708	1	X SHELVING 9x30x24, 1-TIER	SPG / ISS (Alternate: METRO)				#WST1702Y	N SINKS/DISHWASHER							
L LIGHTING/SIGNAGE/MENUBOARDS								P FOOD PREPARATION							
N SINKS/DISHWASHER								R REFRIGERATION							
N-043	1	X 3-COMP POWER SOAK 102	UNIFIED #PS8750	X	X		GEN IV POWERSOAK INCLUDES T&S FAUCET #B-2475-PS-OH (FRANCHISE OPTION: GEN III)	L LIGHTING/SIGNAGE/MENUBOARDS							
N-062	2	X STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET	AERO #HS-MOD		X			N SINKS/DISHWASHER							
N-071	1	X MOP SINK FAUCET	T&S B-2465		X			N-147	1	X 8-CHANNEL TIMER	FAST #KTRACK2X4TB		X		
N-130	1	X 1 COMP PREP SINK FAUCET	T&S B-0831-WA		X		FRANCHISE OPTION N-134: T&S B-2465	N-171	1	X LEVER WASTE DRAIN			X		
N-141	2	X WALL MOUNTED LAVATORY	AMERICAN STANDARDS BRAND		X		WHITE VITREOUS CHINA WALL MOUNTED LAVATORY WITH ACCESSORIES. N-141 IS METERED FAUCET,FAUCET, LAVATORY, CENTERSET MIXING, #B-0890-WS	N-208	1	X MOP SINK	AERO #3MP-2121-6/1P		X		INCLUDES (2) 24X36 WALL PANELS
N-146	2	X FAUCET (RESTROOMS)	T&S FAUCET B-0831-WA		X		2" TWIST TYPE FOR N-698	N-698	1	X 1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #2F1211617LR		X		
N-171	1	X LEVER WASTE DRAIN			X			P FOOD PREPARATION							
N-208	1	X MOP SINK	AERO #3MP-2121-6/1P		X		INCLUDES (2) 24X36 WALL PANELS	R REFRIGERATION							
N-698	1	X 1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #2F1211617LR		X			L LIGHTING/SIGNAGE/MENUBOARDS							
P FOOD PREPARATION								N SINKS/DISHWASHER							
R REFRIGERATION								L LIGHTING/SIGNAGE/MENUBOARDS							
L LIGHTING/SIGNAGE/MENUBOARDS								P FOOD PREPARATION							
N SINKS/DISHWASHER								R REFRIGERATION							
P FOOD PREPARATION								L LIGHTING/SIGNAGE/MENUBOARDS							
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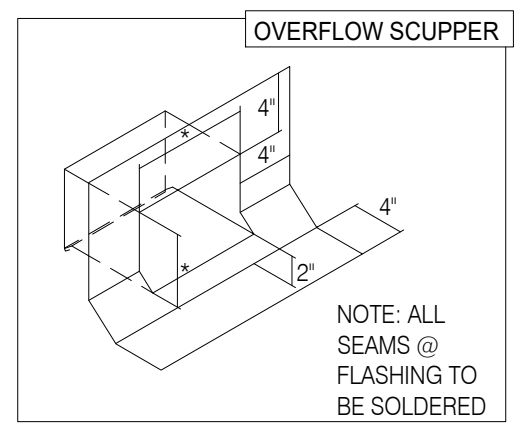
ROOF PLAN 1/4" = 1'-0" **A**



NOTE:
PRIMARY AND
OVERFLOW SCUPPER
OPENINGS SHALL BE
8" MINIMUM WIDE BY
4" MINIMUM HIGH



NOTE: ALL
SEAMS @
FLASHING TO
BE SOLDERED



NOTE: ALL
SEAMS @
FLASHING TO
BE SOLDERED

* DESIGN AND SIZE PER LOCAL REQUIREMENTS

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 FLASHONG 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-20 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**



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PROJECT # 20023

DATE	REMARKS
2/25/2022	Issued for Bids

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

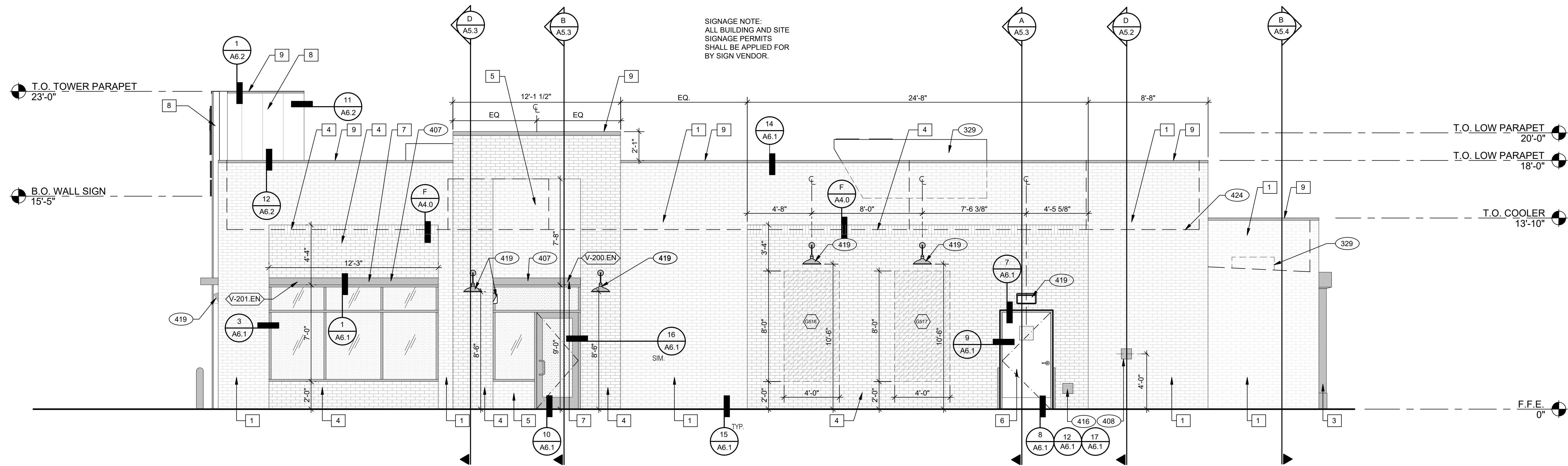
GREAT LAKES
TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



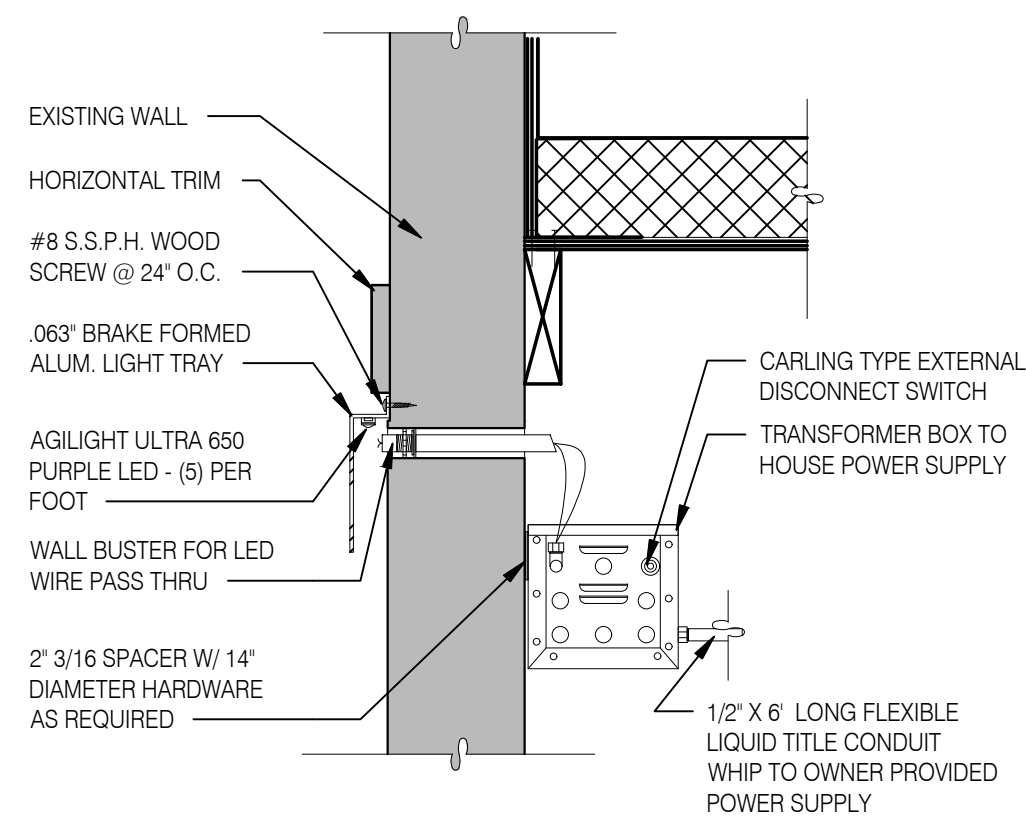
ENDEAVOR 2.0
ROOF PLAN

A3.0

PLOT DATE: 2/25/2022



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



LED WALL WASHER DETAIL **F**

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14' WHITE CHANNEL LETTERS VERTICAL	A4.1
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
SIDE ENTRY			
V-200.EN	1	SIDE ENTRY AWNING 6' 1" L X 4' 0" D BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" L X 4' 0" D BLACK	A4.1
EYEBROW AWNINGS			
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 7" L X 6" H X 1' 4" D BLACK	A4.1
V-203.EN	1	DT EYEBROW (WINDOW) 7' 8" L X 6" H X 1' 4" D BLACK	A4.1
V-201.EN	1	SIDE ENTRY EYEBROW (WINDOW) 12' L X 6" H X 1' 4" D BLACK	A4.0

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**

SYMBOL	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
3516	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
3517	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
3518	HYPNOTIZE ME BELL	D	M02	48x96	A4.1
3517	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**

SYMBOL	ITEM / MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	FIELD BRICK VENEER	INTERSTATE BRICK COMPANY	3 9/16" X 7 5/8" MODULAR THIN BRICK SYSTEM	70% PEWTER WITH 30% PLATINUM - RANDOM MIX INSTALL PATTERN - WITH STANDARD GRAY MORTAR	
2	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
3	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
4	ACCENT #1 BRICK VENEER	INTERSTATE BRICK COMPANY	2 1/4" X 7 5/8" MODULAR THIN BRICK SYSTEM	MIDNIGHT BLACK - WITH STANDARD GRAY MORTAR	
5	ACCENT #2 BRICK VENEER	INTERSTATE BRICK COMPANY	2 1/4" X 7 5/8" MODULAR THIN BRICK SYSTEM	COPPERSTONE - WITH STANDARD GRAY MORTAR	
6	HOLLOW METAL DOOR	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
7	AWNINGS	SIGNAGE VENDOR	-	BLACK BY THE SIGNAGE VENDOR	REFER TO C / A 7.2
8	CORNER TOWER	WESTERN STATE	T-GROOVE 24 GAUGE PAINTED 18" PANEL	WEATHERED RUSTIC	REFER TO C / A 7.2
9	METAL PARAPET CAP	-	24 GAUGE GALVANIZED	CYBERSPACE (SW7076) KYNAR 500 COATING	

EXTERIOR FINISH SCHEDULE **D**

- 316 METAL PARAPET CAP.
- 329 MECHANICAL UNIT, REFER TO ROOF PLAN.
- 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, REFER TO ELECTRICAL PLANS.
- 402 DRIVE THRU WINDOW, REFER TO SHEET A1.0 AND A1.1.
- 407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, REFER TO 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. REFER TO ELECTRICAL DRAWINGS.
- 424 LINE OF ROOF BEYOND.
- 501 BUILDING ADDRESS NUMBER - OPAQUE APPLIQUE ON OUTSIDE OF GLAZING WHITE COLOR - ARIAL TYPEFACE 6" HEIGHT.

KEY NOTES **B**



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PROJECT # 20023

DATE	REMARKS
2/25/2022	ShasRuthApBridal

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

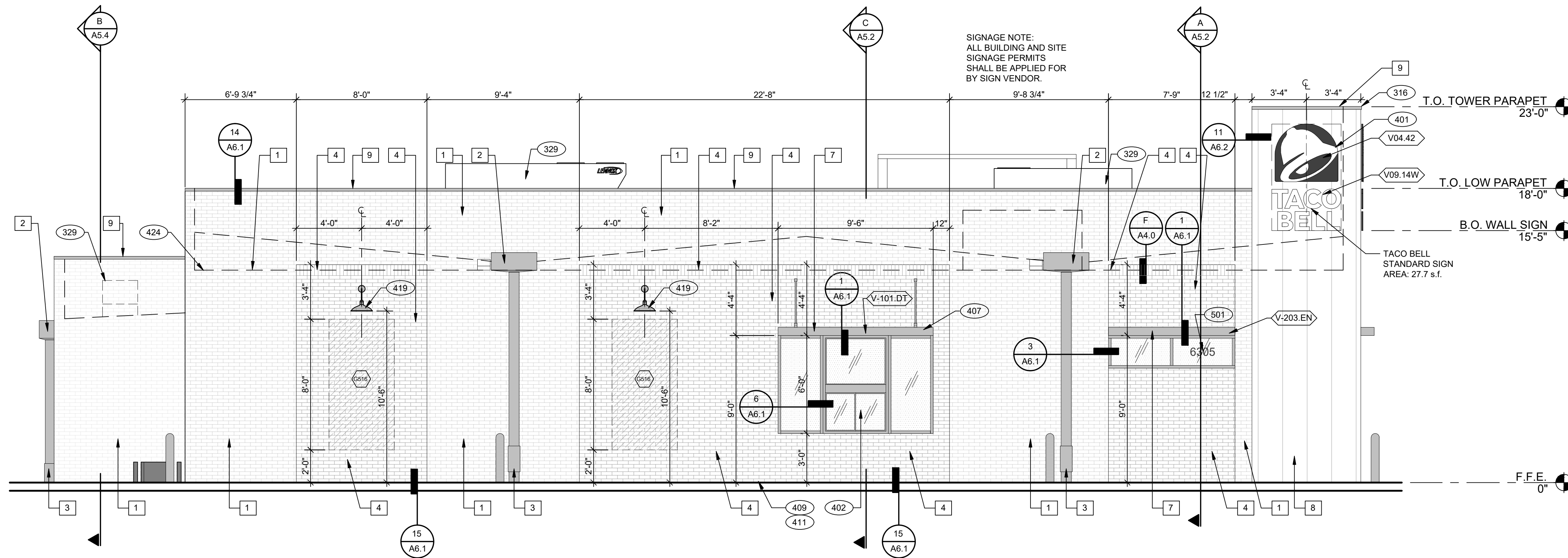
GREAT LAKES
TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.0

PLOT DATE: 2/25/2022



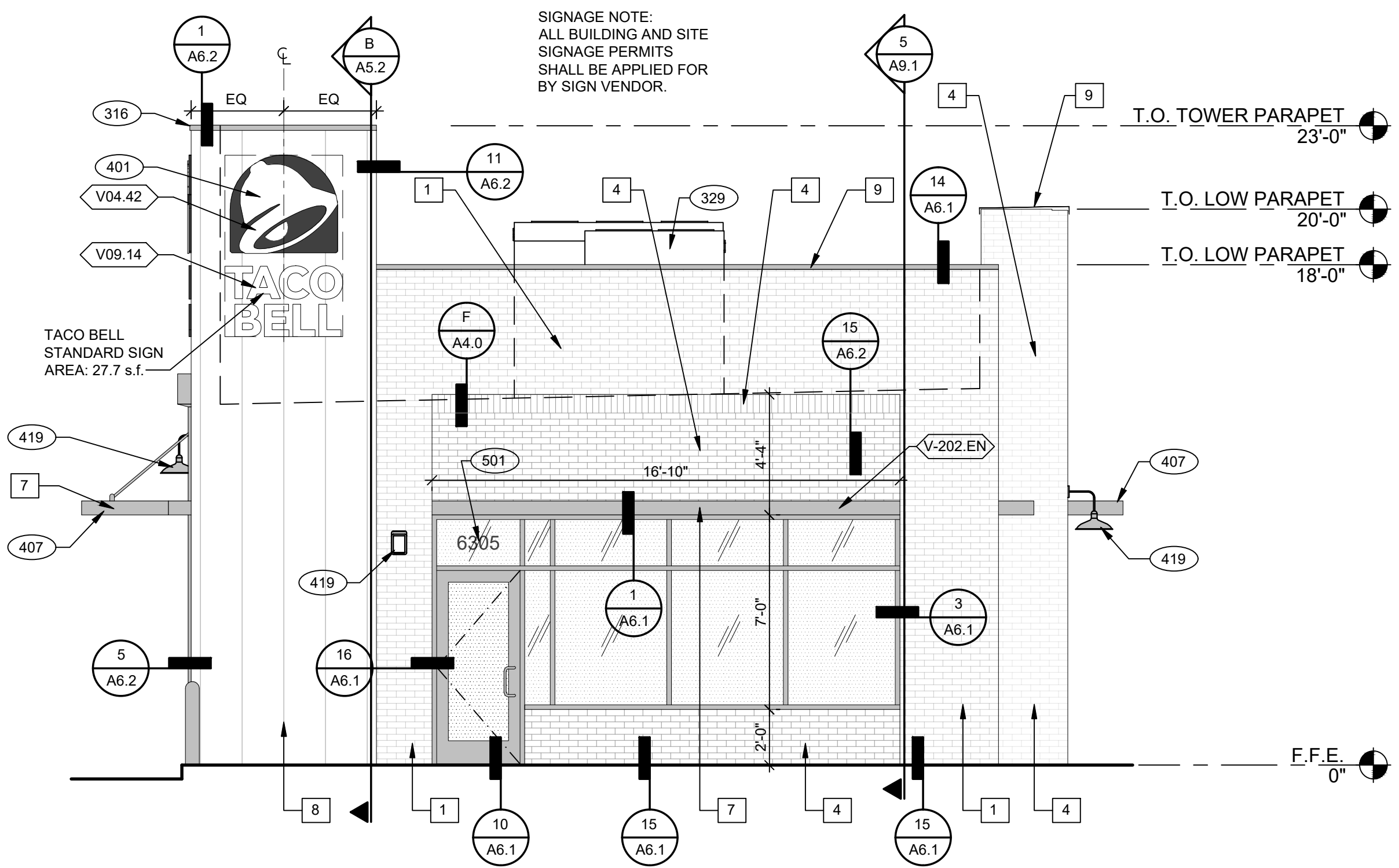
REAR ELEVATION 1/4" = 1'-0" **1**

SIGN CALCULATION

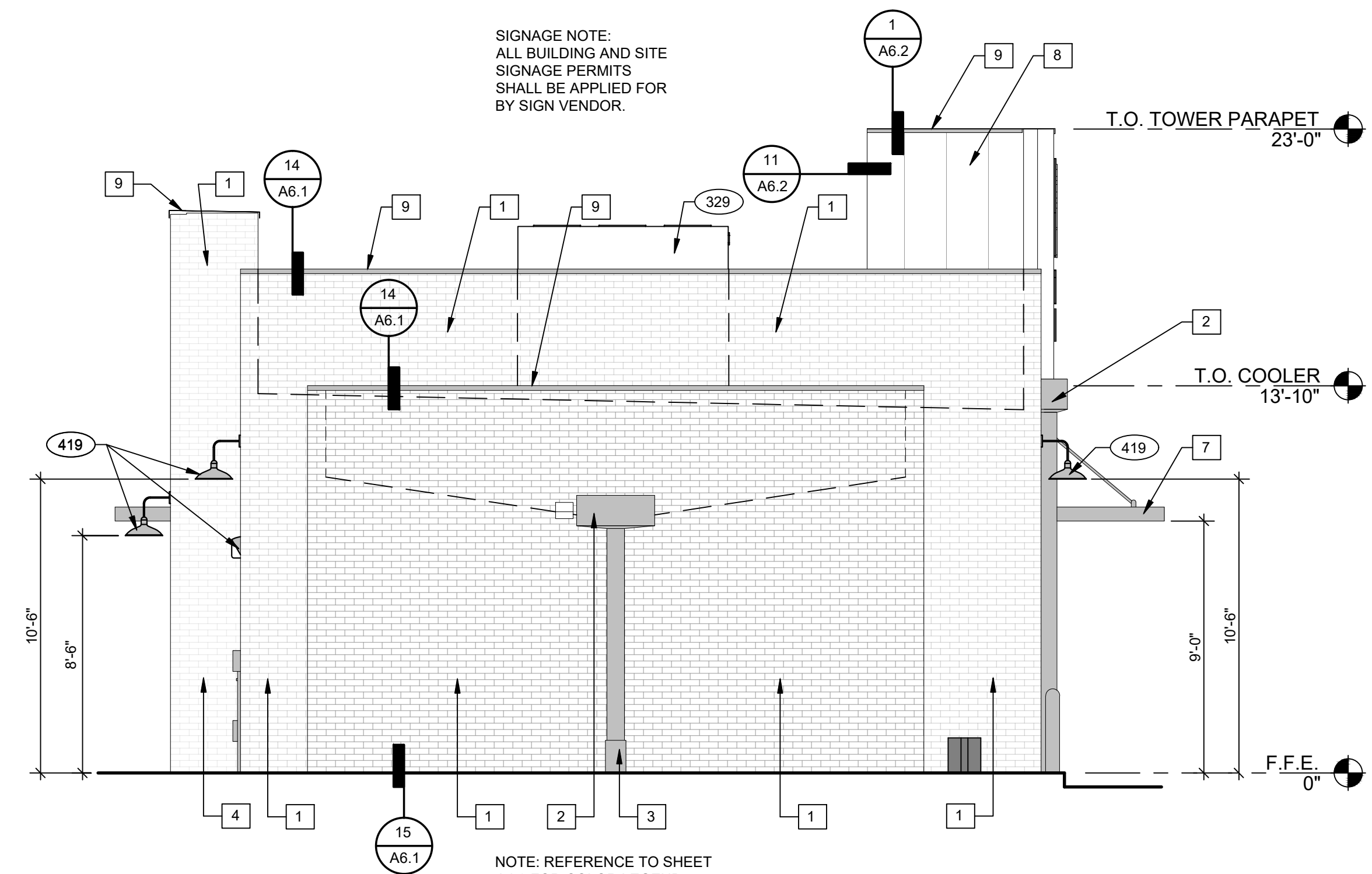
ALLOWED EXTERIOR WALL SIGN AREA:	10% OF SOUTH ELEVATION AREA
SOUTH ELEVATION WALL AREA:	556 SQUARE FEET
10% OF SOUTH ELEVATION AREA:	55.6 SQUARE FEET
TOTAL AREA FOR PROPOSED WALL SIGNS:	55.4 SQUARE FEET
PROP. SOUTH ELEVATION WALL SIGN AREA:	27.7 SQUARE FEET
PROP. WEST ELEVATION WALL SIGN AREA:	27.7 SQUARE FEET

PER THE PLANNING COMMISSION'S PRELIMINARY REVIEW - ONE (1) SIGN SHALL BE ALLOWED ON SOUTH ELEVATION (HIGHLAND ROAD FRONTAGE) AND ONE (1) SHALL BE ALLOWED ON WEST ELEVATION (BOGIE LAKE ROAD FRONTAGE) - WITH BOTH SIGNS BEING OF THE SAME SIZE.

- KEY NOTES**
- REFER TO SHEET A4.0 FOR FINISH SCHEDULE
- 316 METAL PARAPET CAP.
 - 329 MECHANICAL UNIT, REFER TO ROOF PLAN.
 - 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, REFER TO ELECTRICAL PLANS.
 - 402 DRIVE THRU WINDOW. REFER TO SHEET A1.0 AND A1.1.
 - 407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, REFER TO 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. REFER TO ELECTRICAL DRAWINGS.
 - 424 LINE OF ROOF BEYOND.
 - 501 BUILDING ADDRESS NUMBER - OPAQUE APPLIQUE ON OUTSIDE OF GLAZING WHITE COLOR - ARIAL TYPEFACE 6" HEIGHT.



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



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

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PROJECT # 20023

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2/25/2022	ShasRuth/Ag/Bridal

CONTRACT DATE:
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DRAWN BY.:
JOB NO.:

GREAT LAKES
TACO, L.L.C.

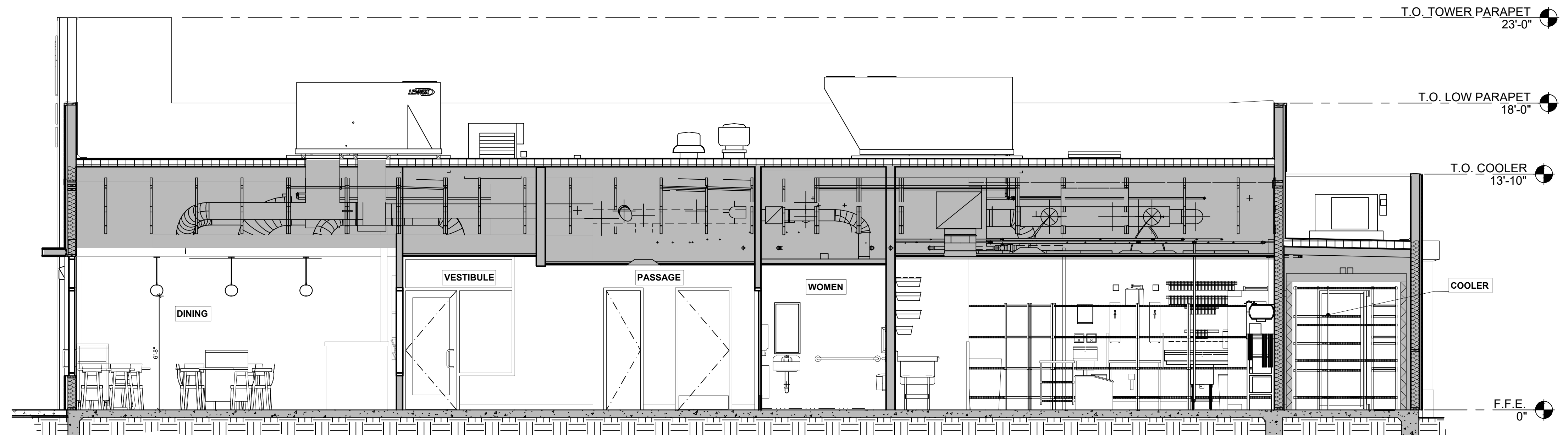
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



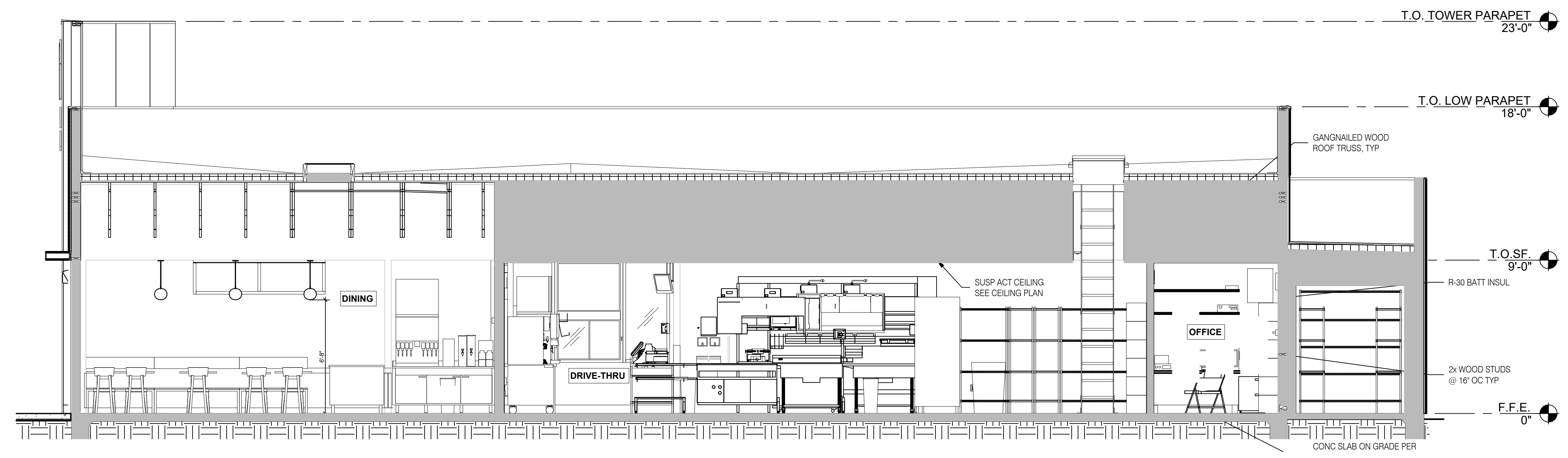
ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.1

PLOT DATE: 2/25/2022



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



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



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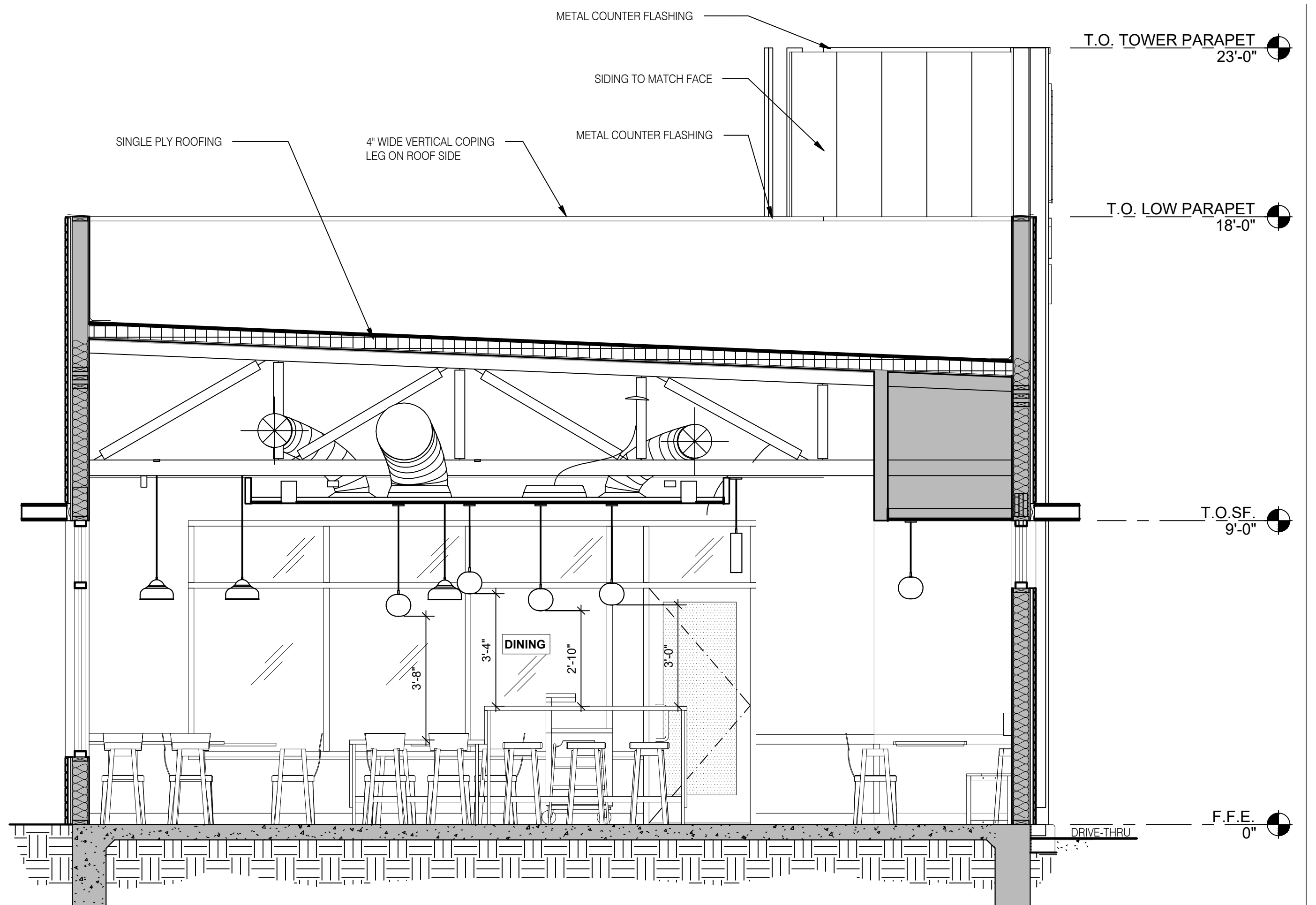
GREAT LAKES
TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



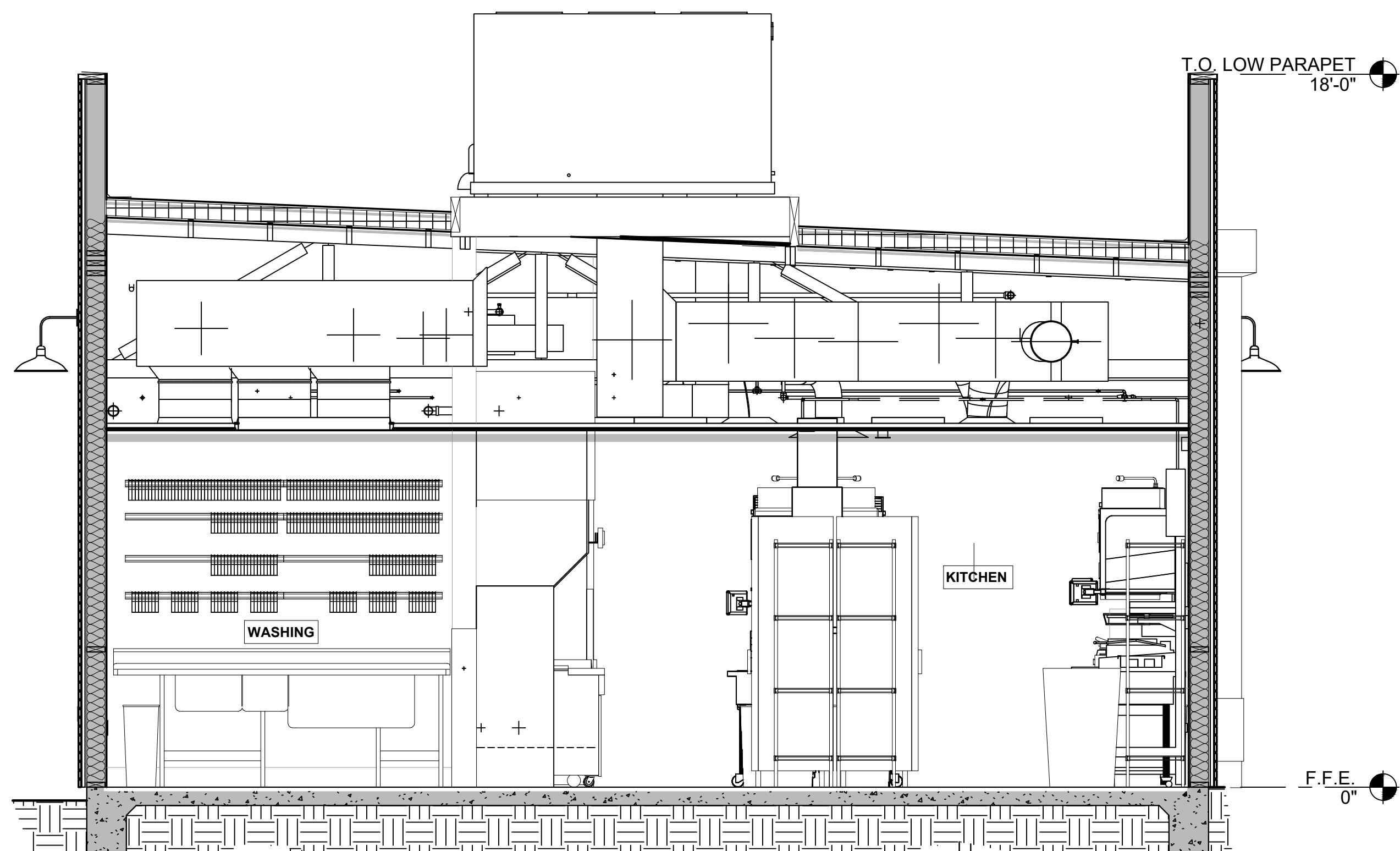
ENDEAVOR 2.0
BUILDING
SECTIONS

A5.0

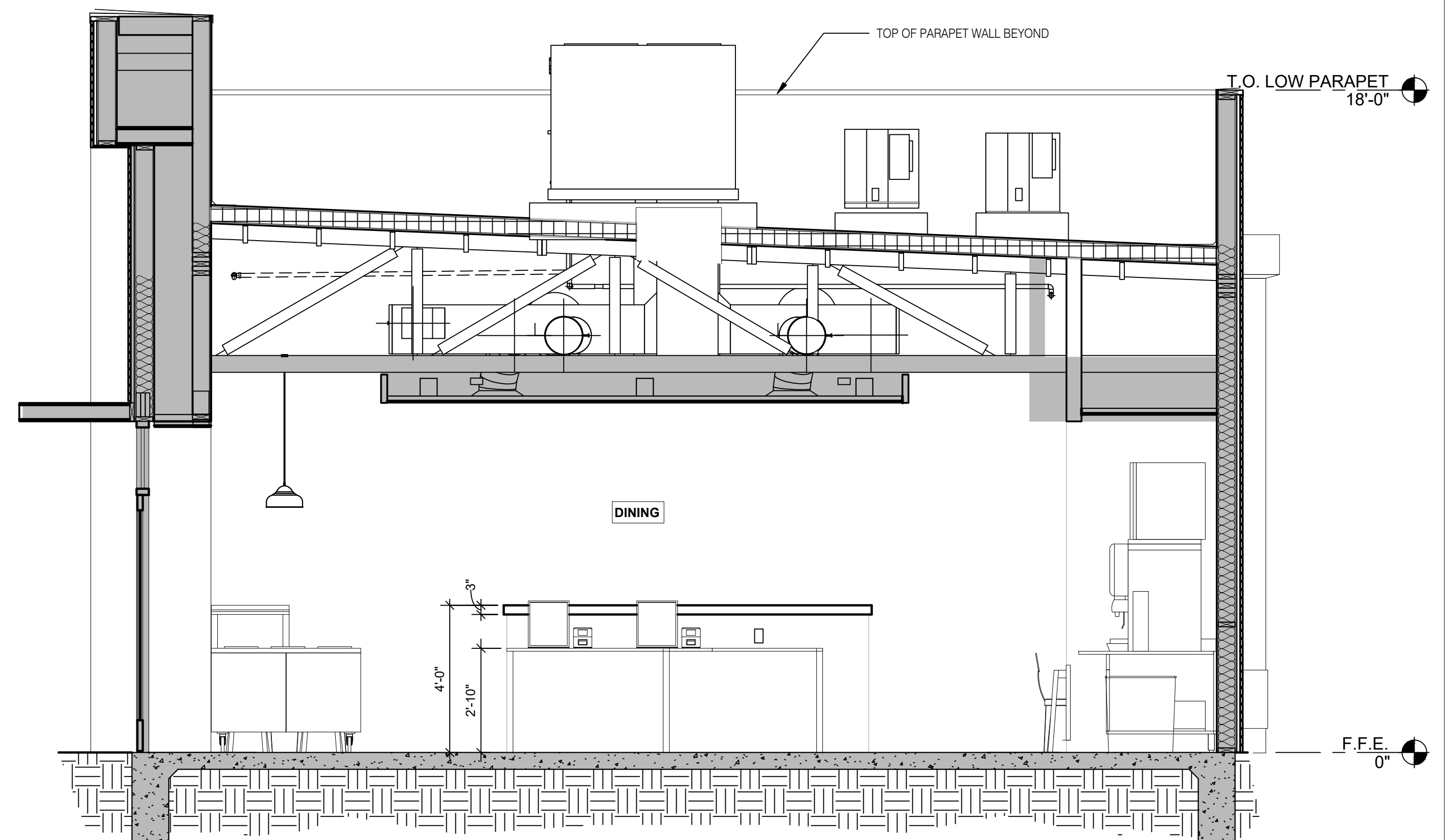
PLOT DATE: 2/25/2022



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



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



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



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JOB NO.:

GREAT LAKES
TACO, L.L.C.

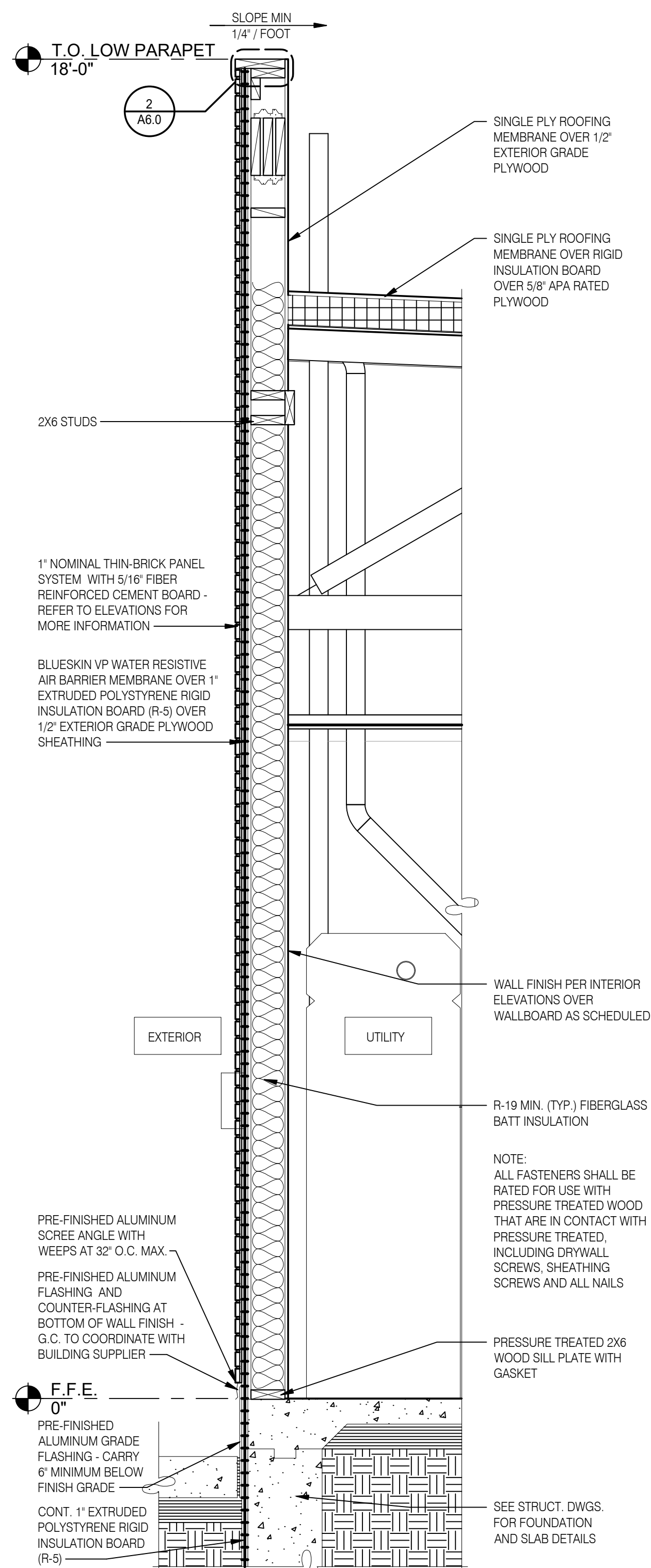
6305 Highland Road (M-59)
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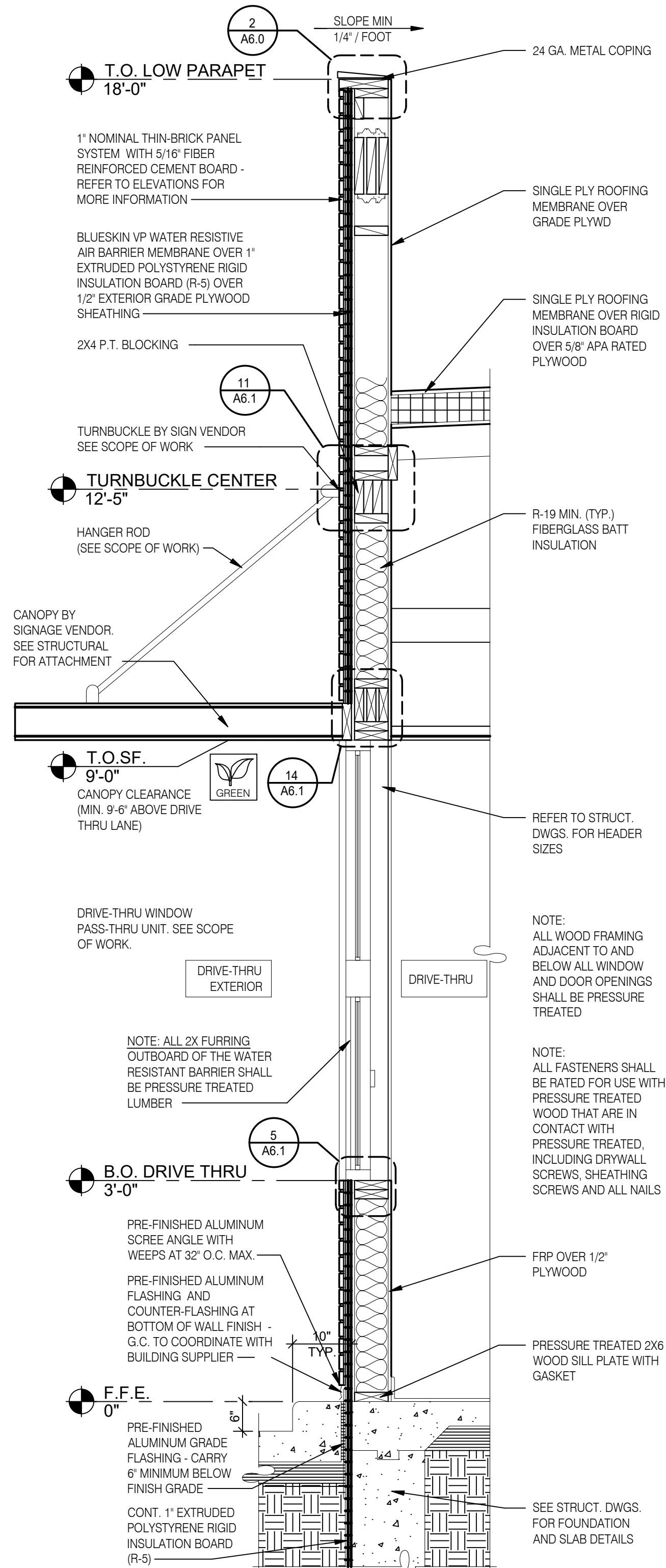
ENDEAVOR 2.0
BUILDING
SECTIONS

A5.1

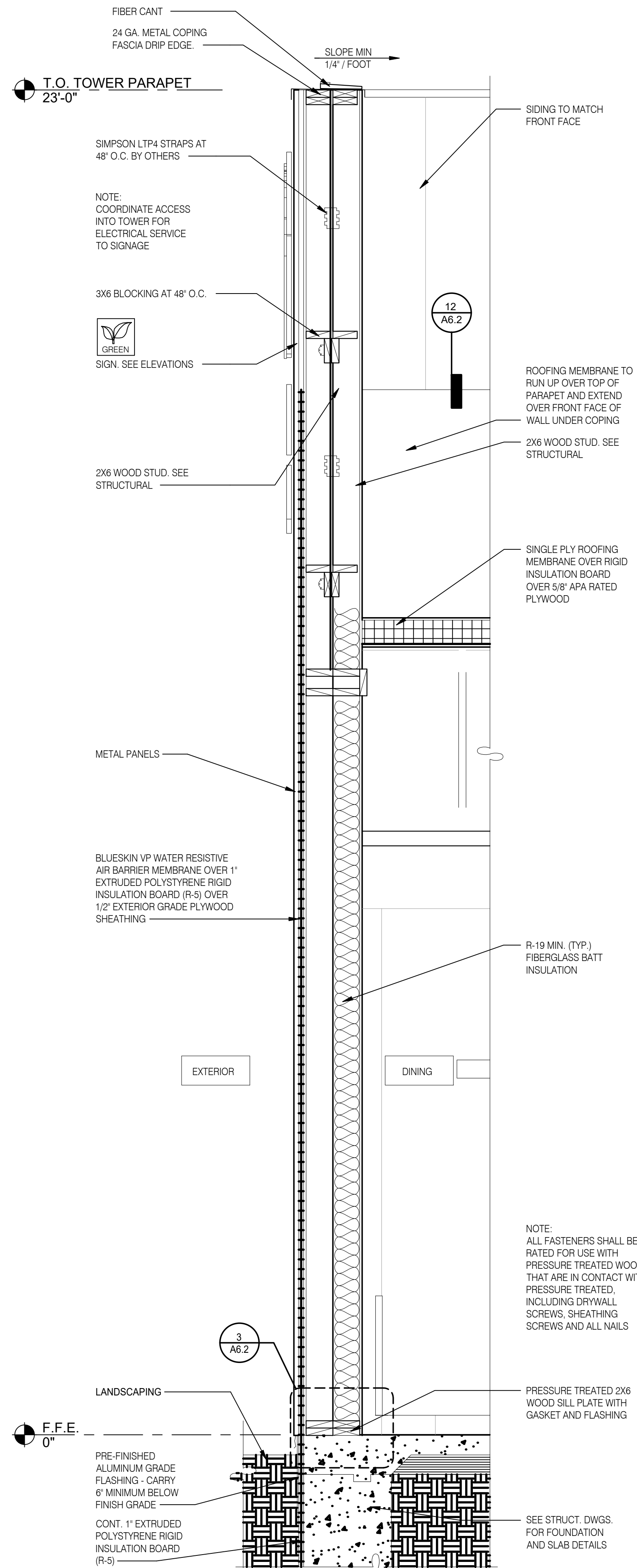
PLOT DATE: 2/25/2022



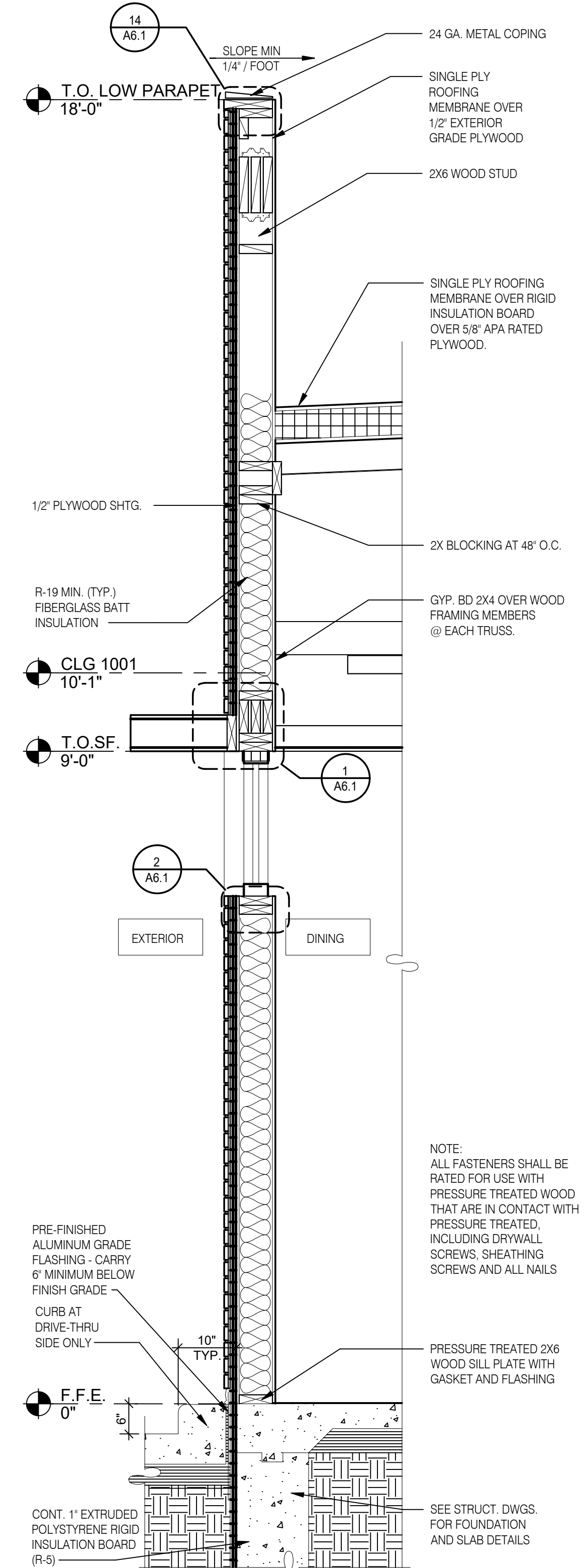
TYPICAL WALL SECTION 3/4" = 1'-0" D



WALL SECTION AT DRIVE THRU 3'-0" C



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



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



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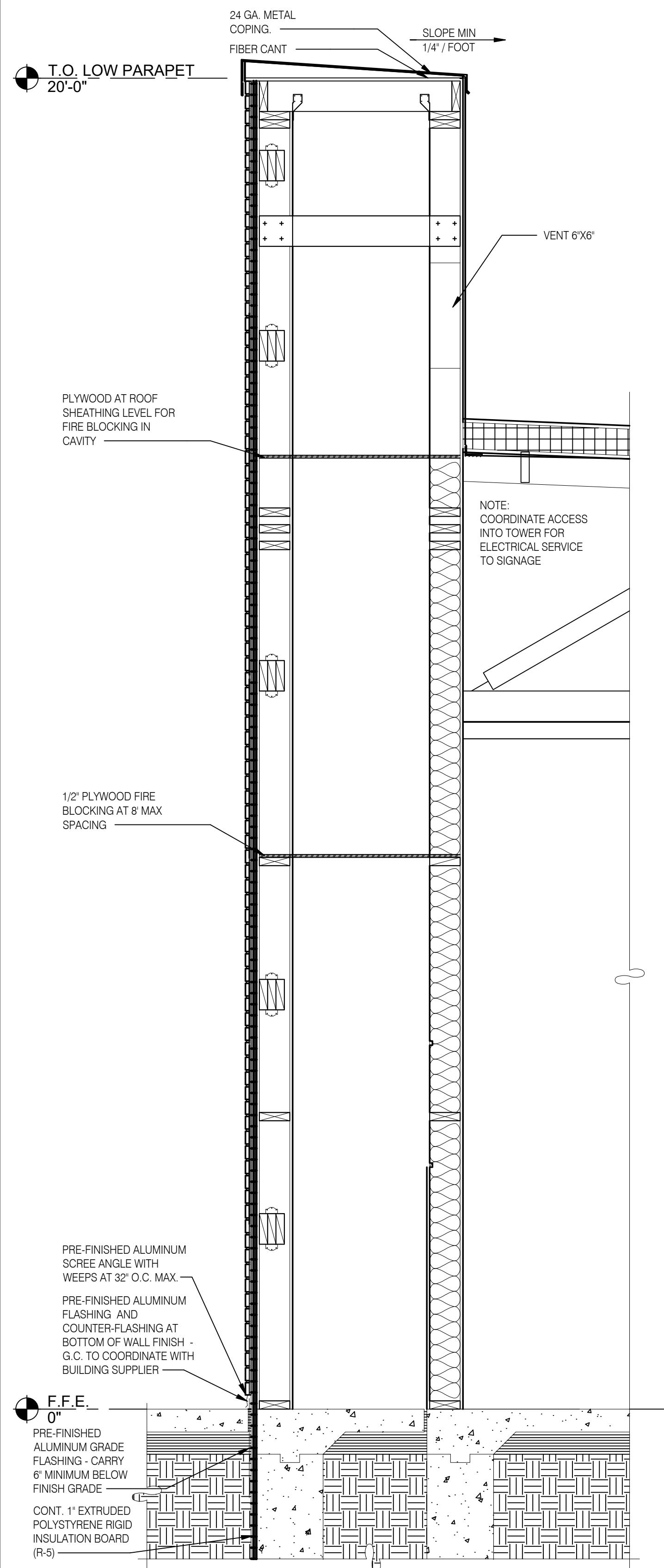
GREAT LAKES TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



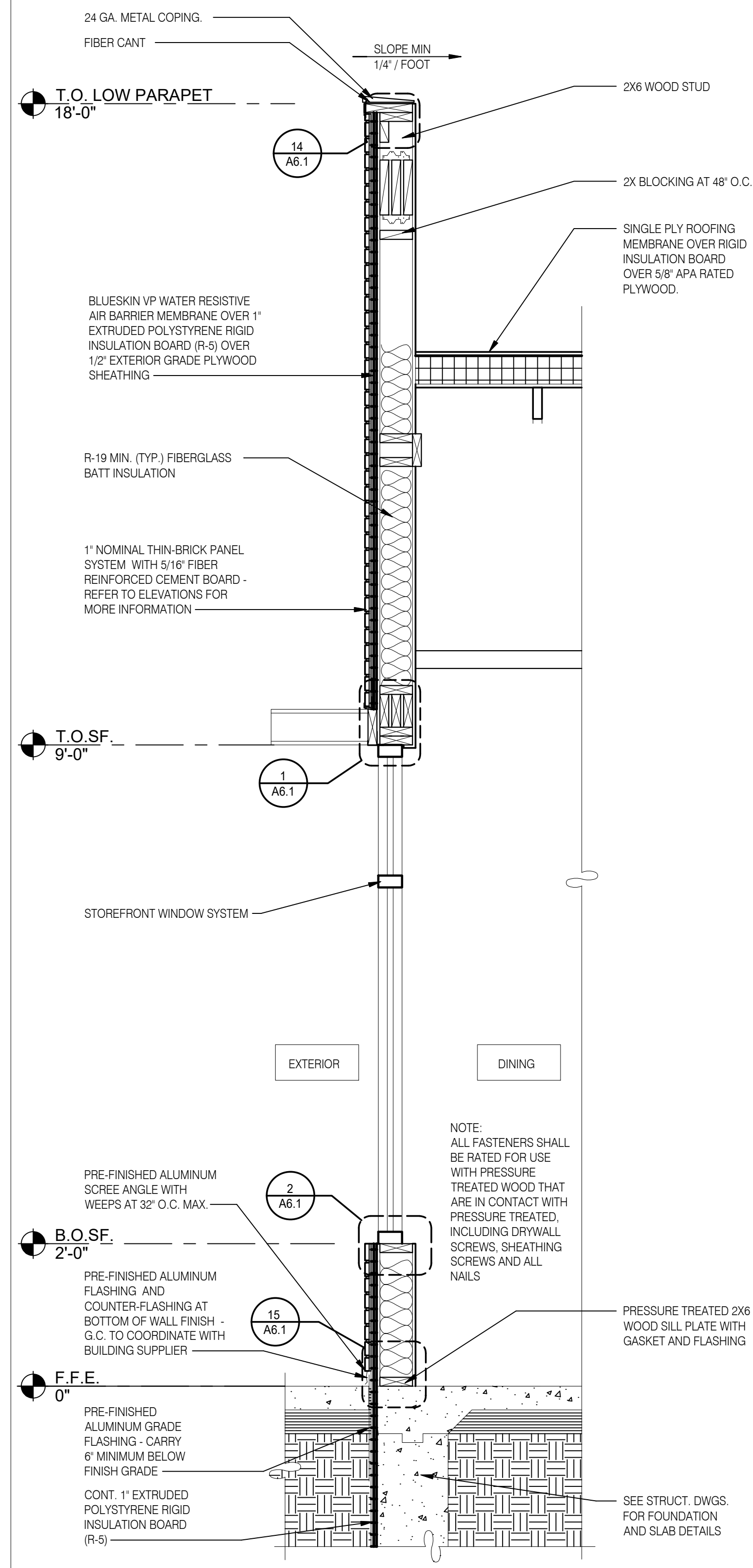
ENDEAVOR 2.0 WALL SECTIONS

A5.2

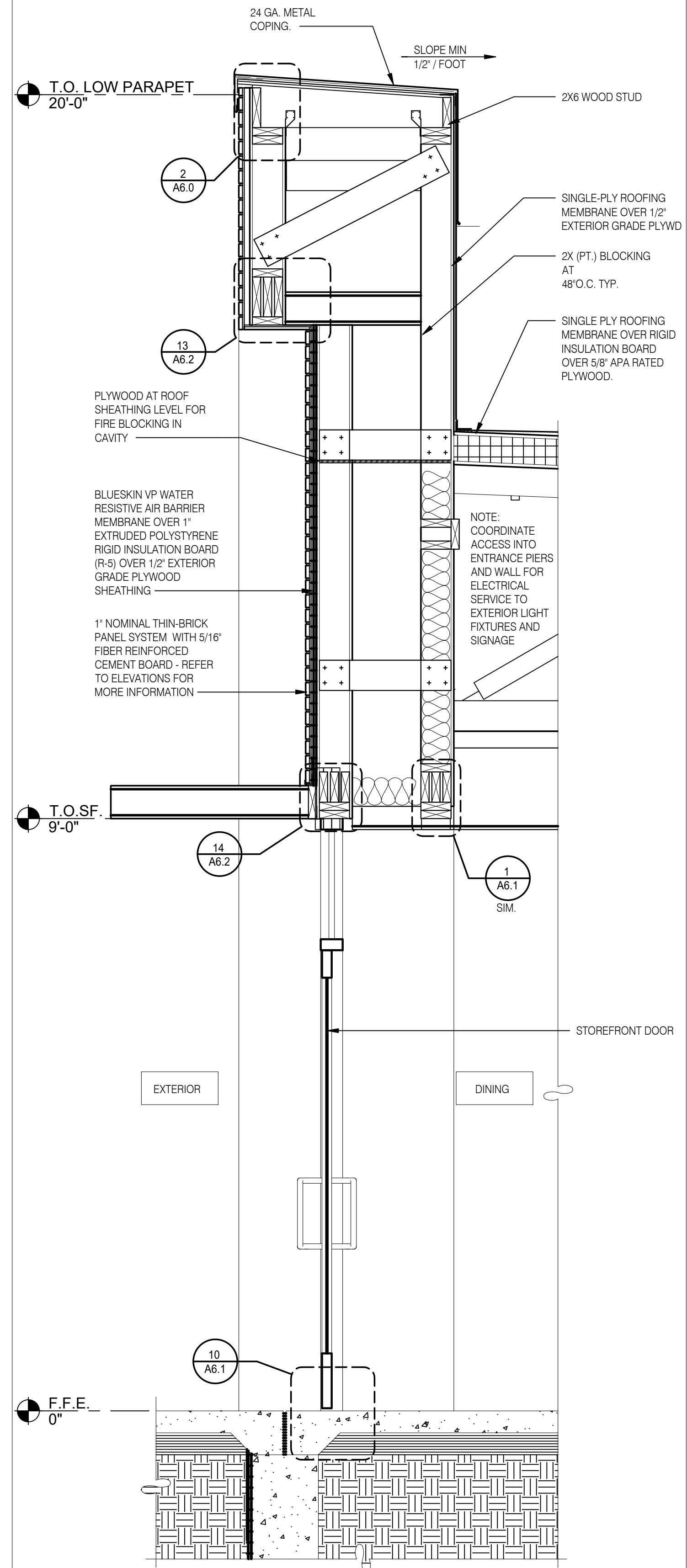
PLOT DATE: 2/25/2022



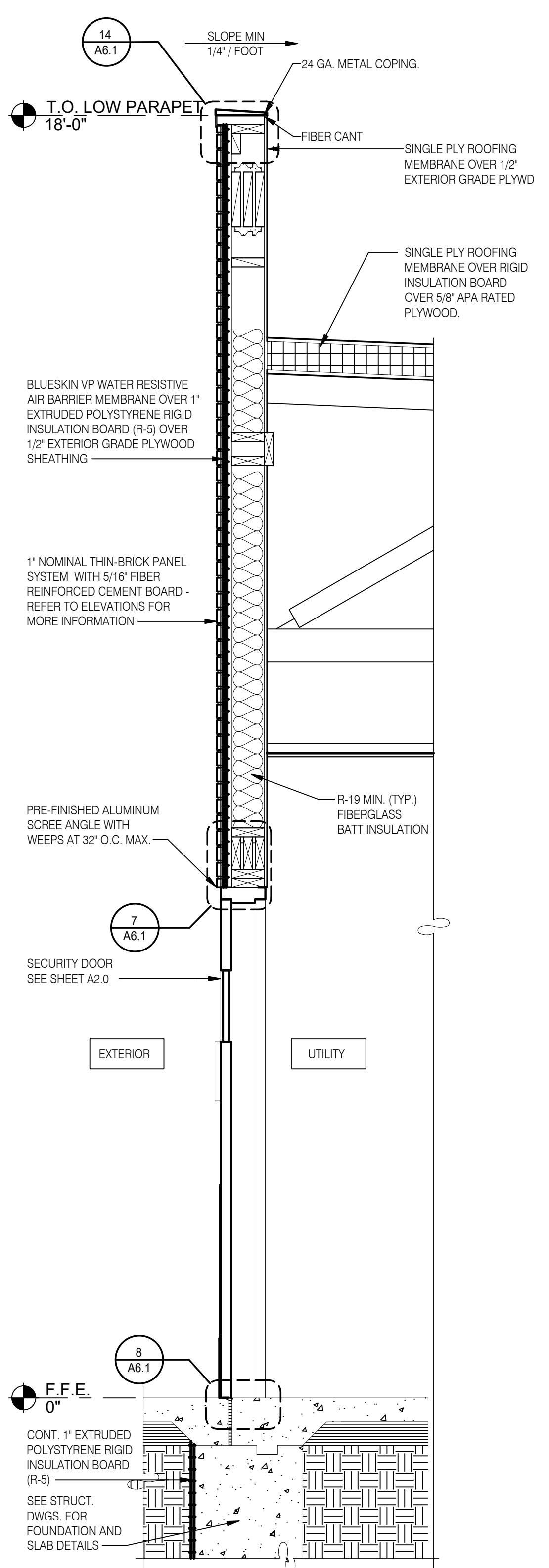
FRONT WALL SECTION 3/4" = 1'-0" **D**



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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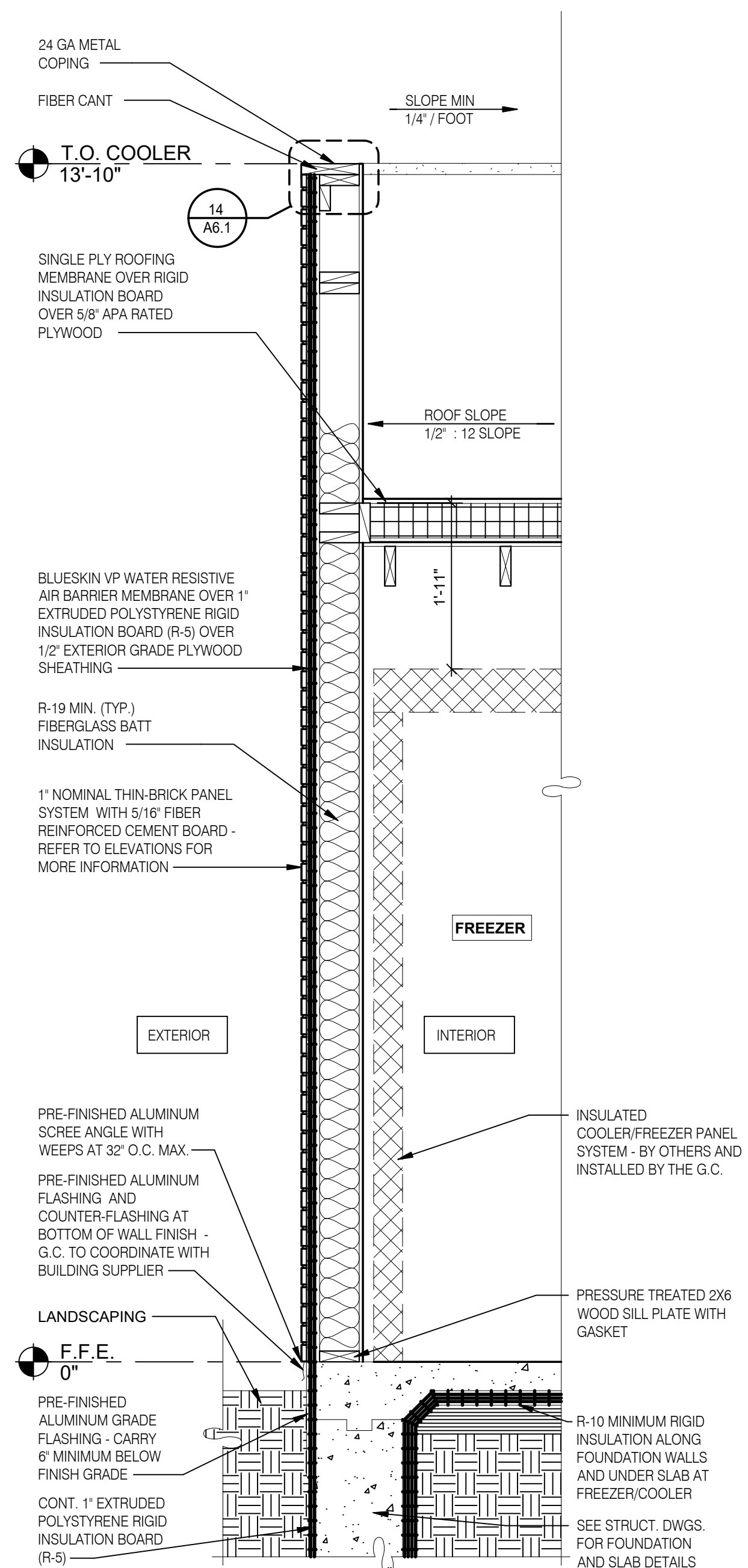
GREAT LAKES
TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



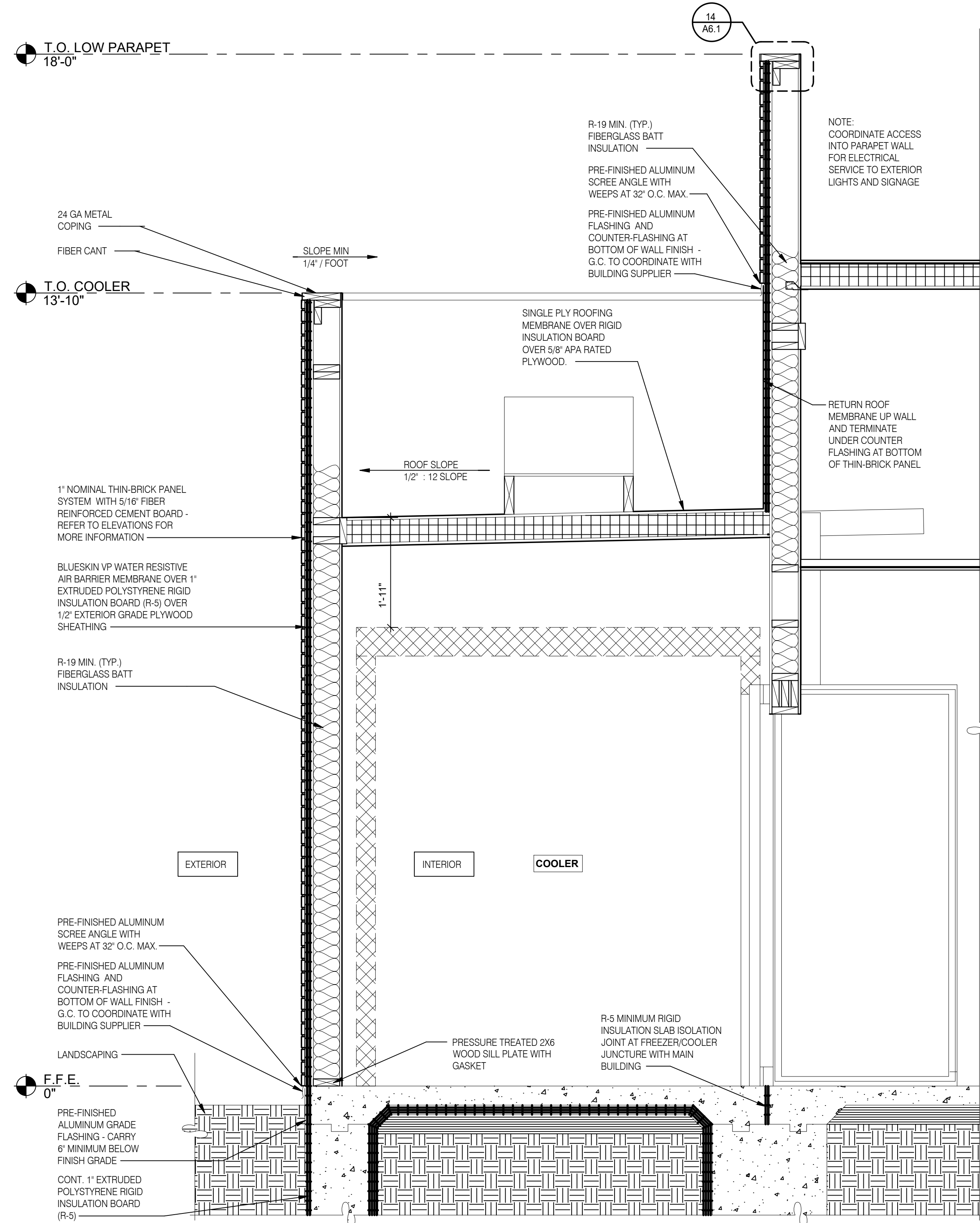
ENDEAVOR 2.0
WALL
SECTIONS

A5.3

PLOT DATE: 2/25/2022



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



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



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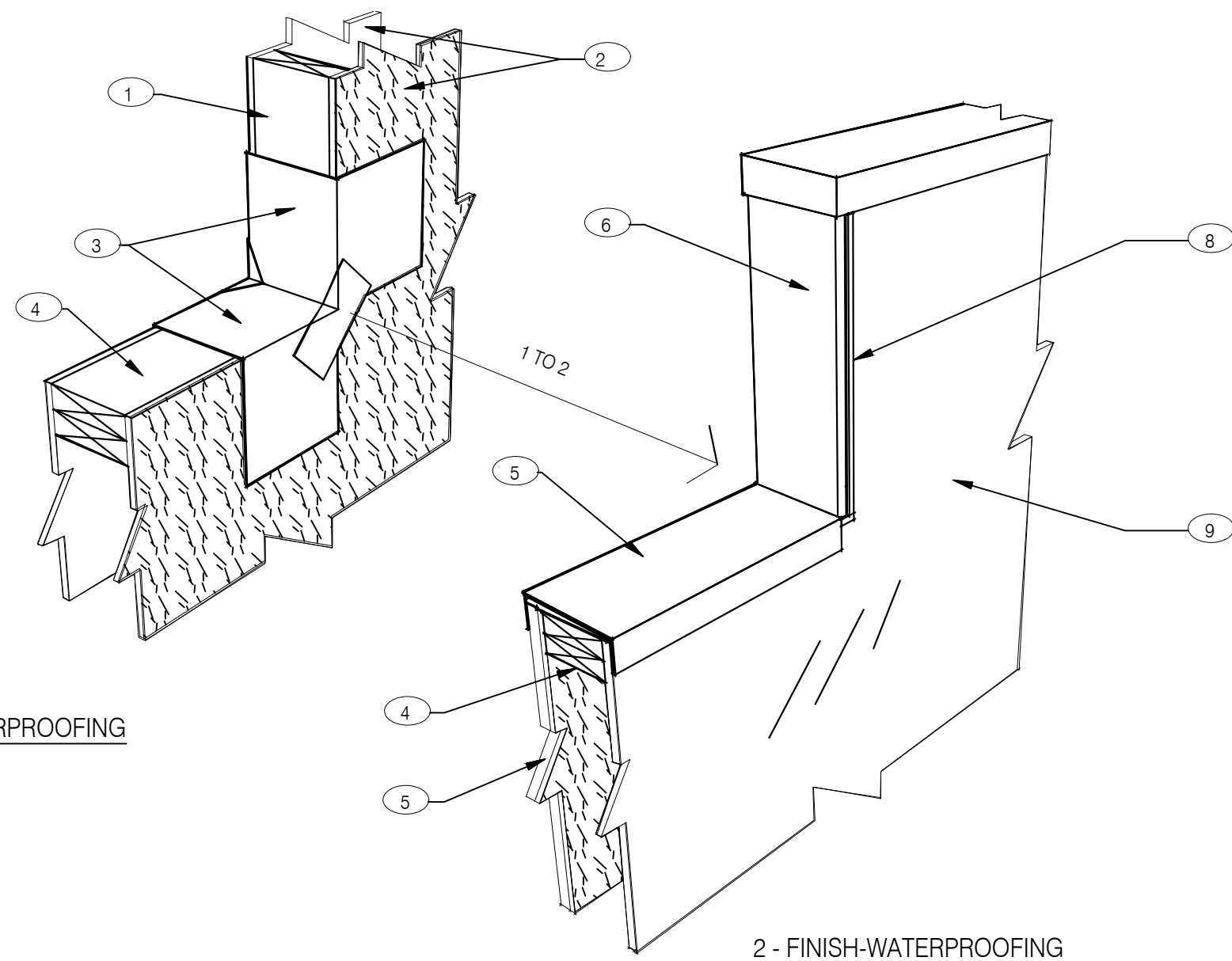
GREAT LAKES
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ENDEAVOR 2.0
WALL
SECTIONS

A5.4

PLOT DATE: 2/25/2022



1 - PRE-WATERPROOFING

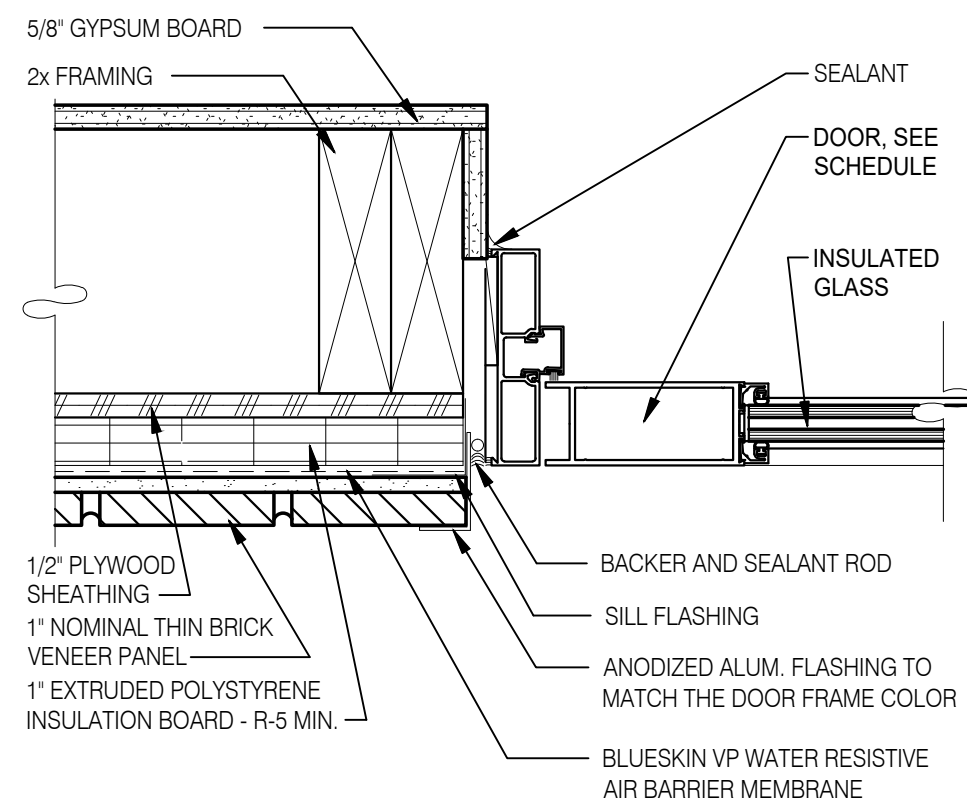
2 - FINISH-WATERPROOFING

NOTES

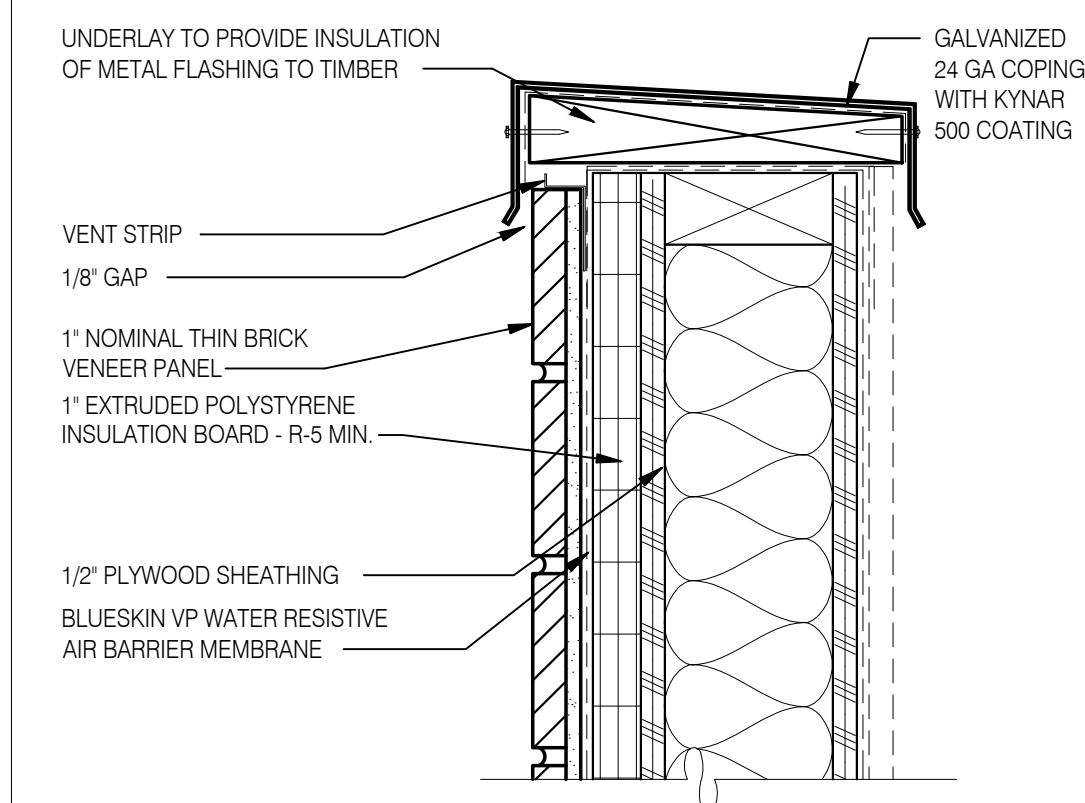
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE
- 5 PAINTED 24 GAUGE PARAPET COPING. 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.

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

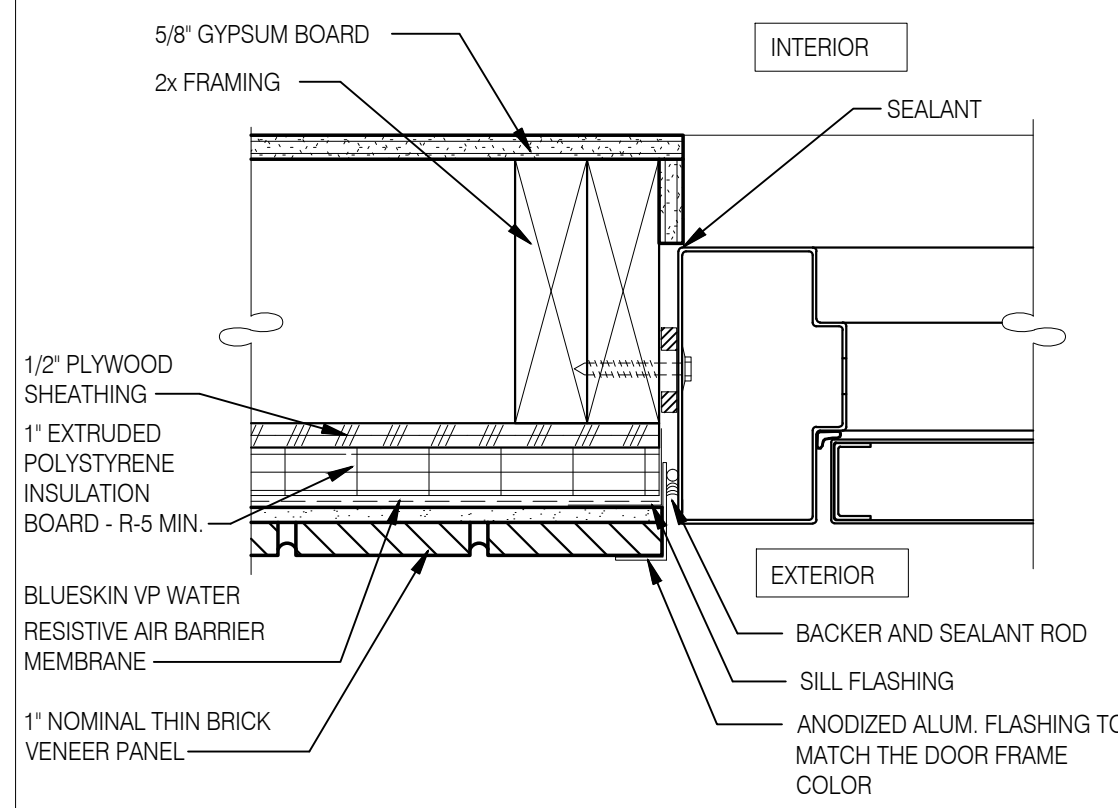
PARAPET CAP & TRANSITION 1" = 1'-0" 13



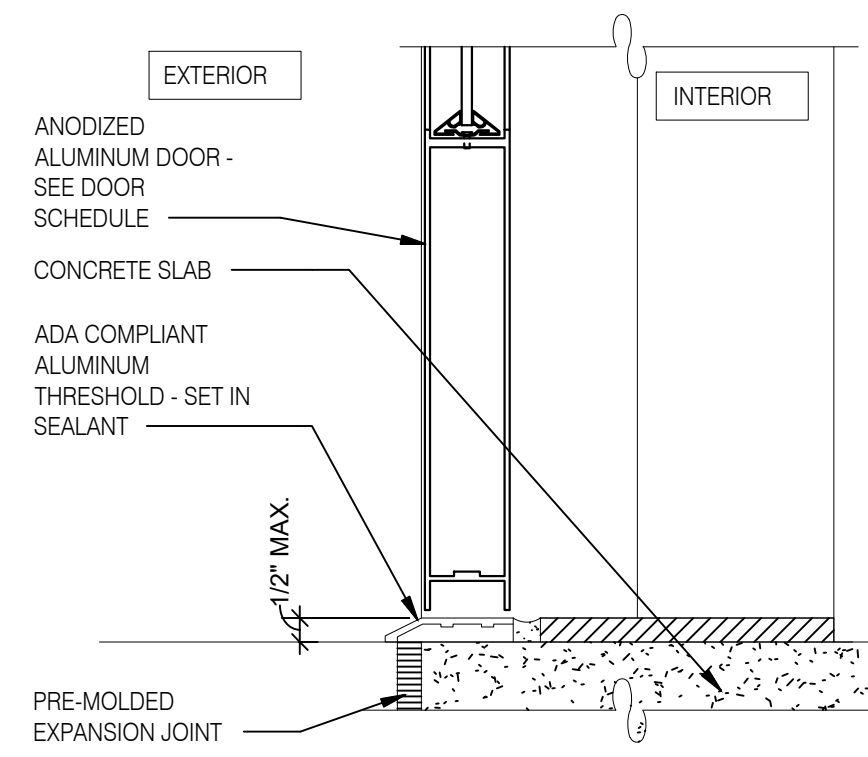
DOOR JAMB 3" = 1'-0" 16



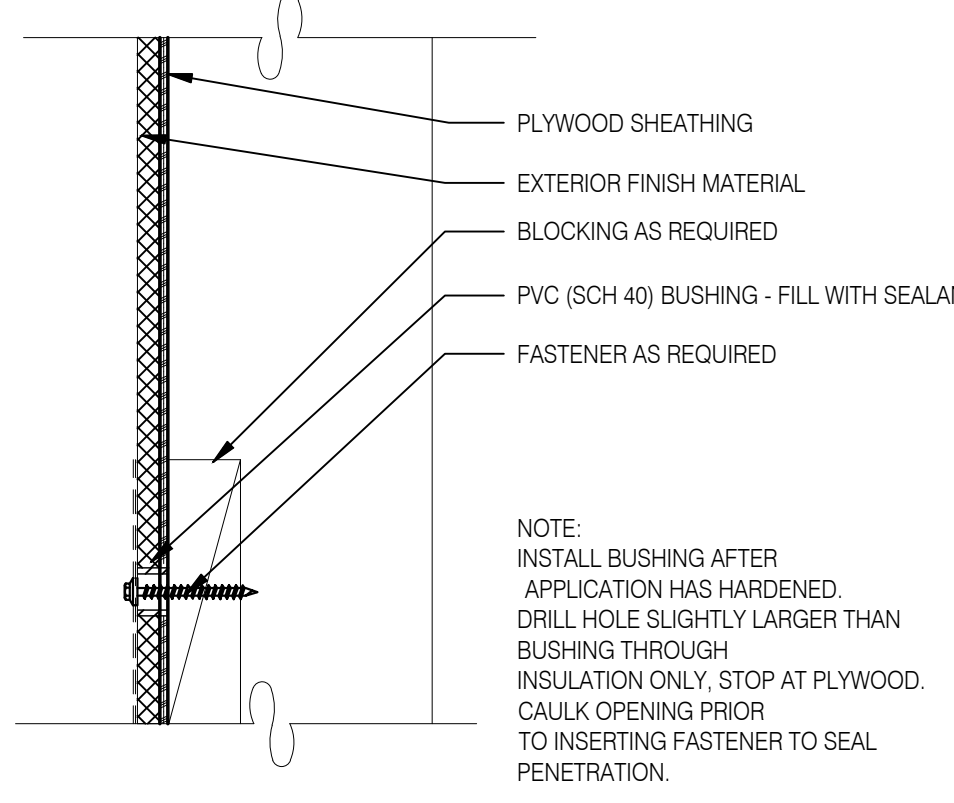
VENTED PARAPET 3" = 1'-0" 14



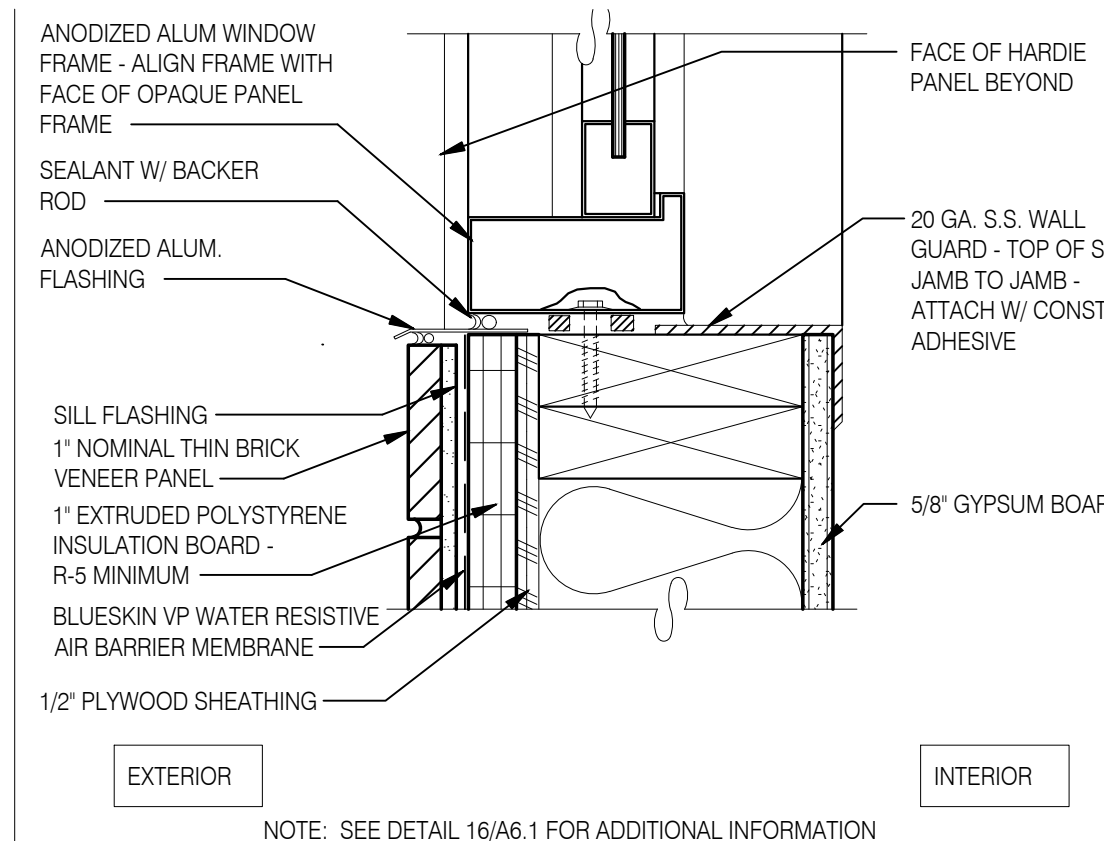
JAMB SERVICE DOOR 3" = 1'-0" 9



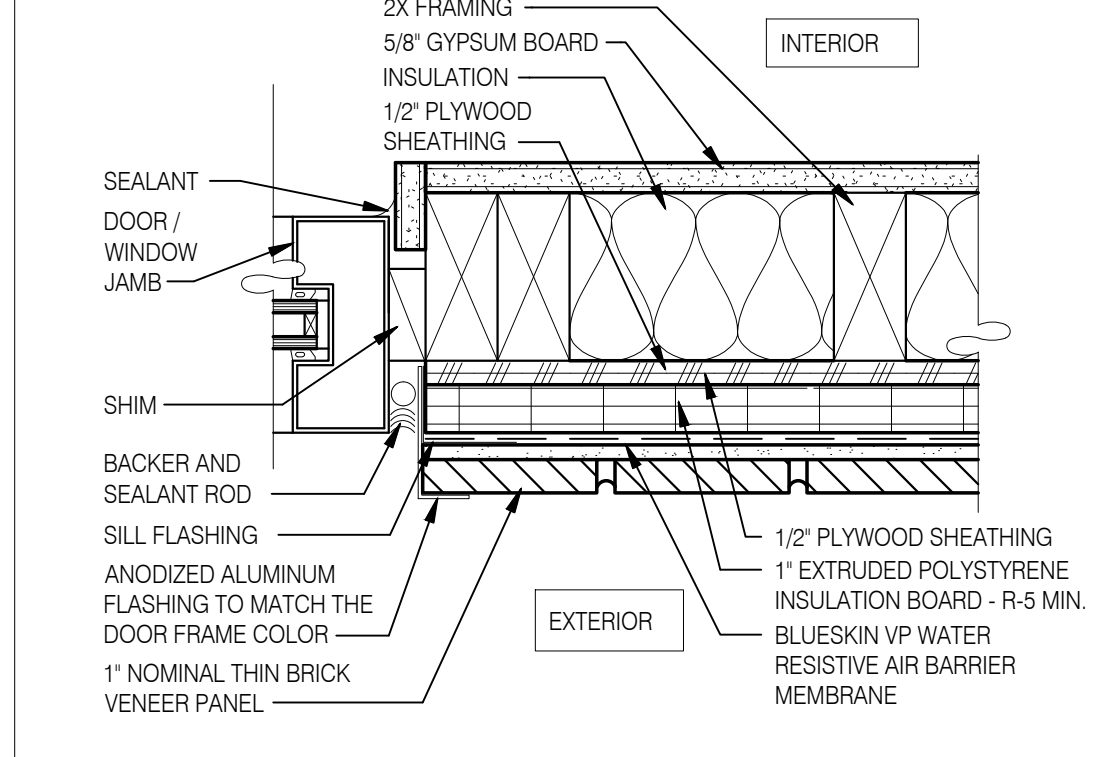
STOREFRONT DOOR SILL 3" = 1'-0" 10



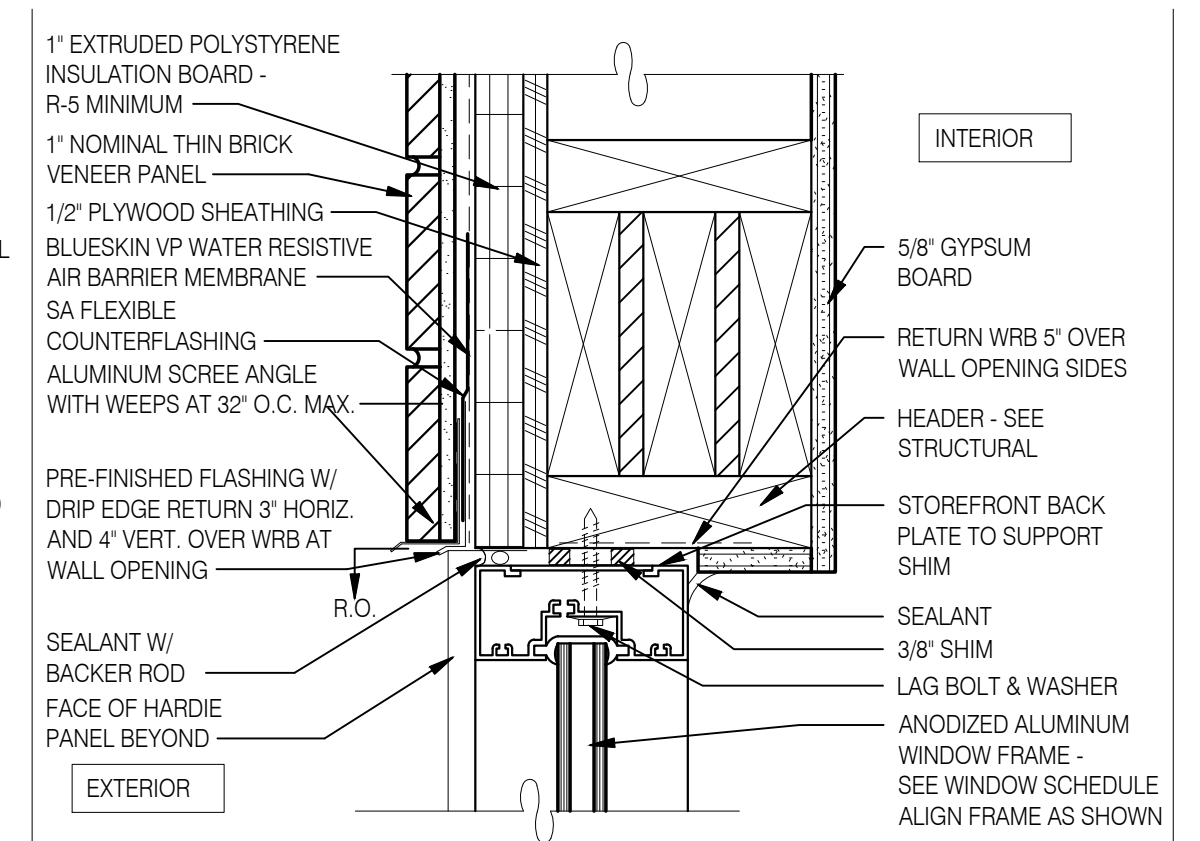
CONNECTION THRU EXIST. FINISH 1" = 1'-0" 11



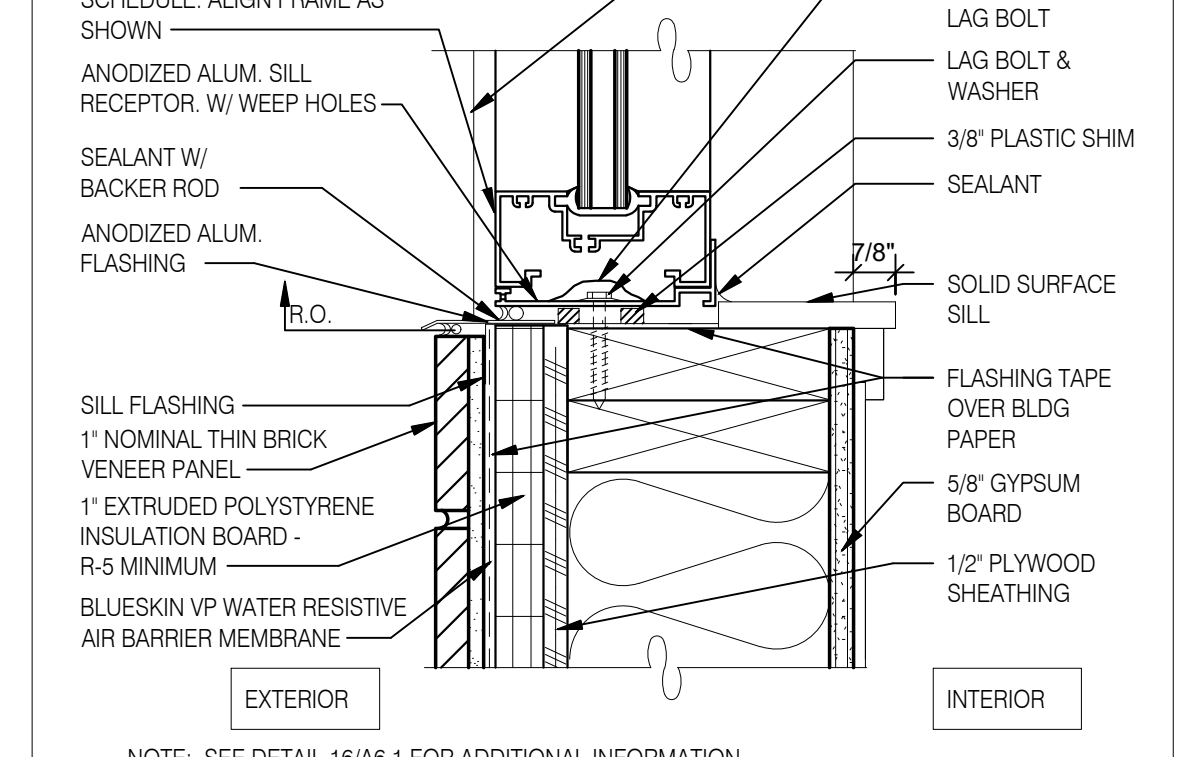
WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5



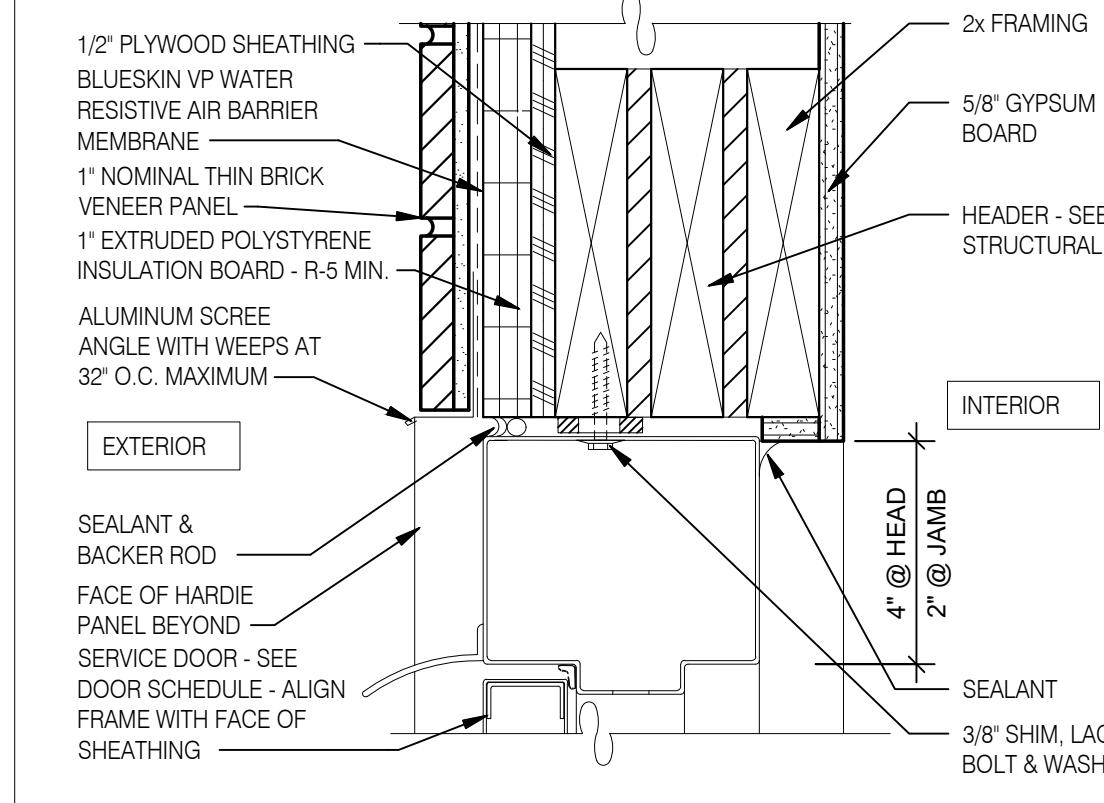
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



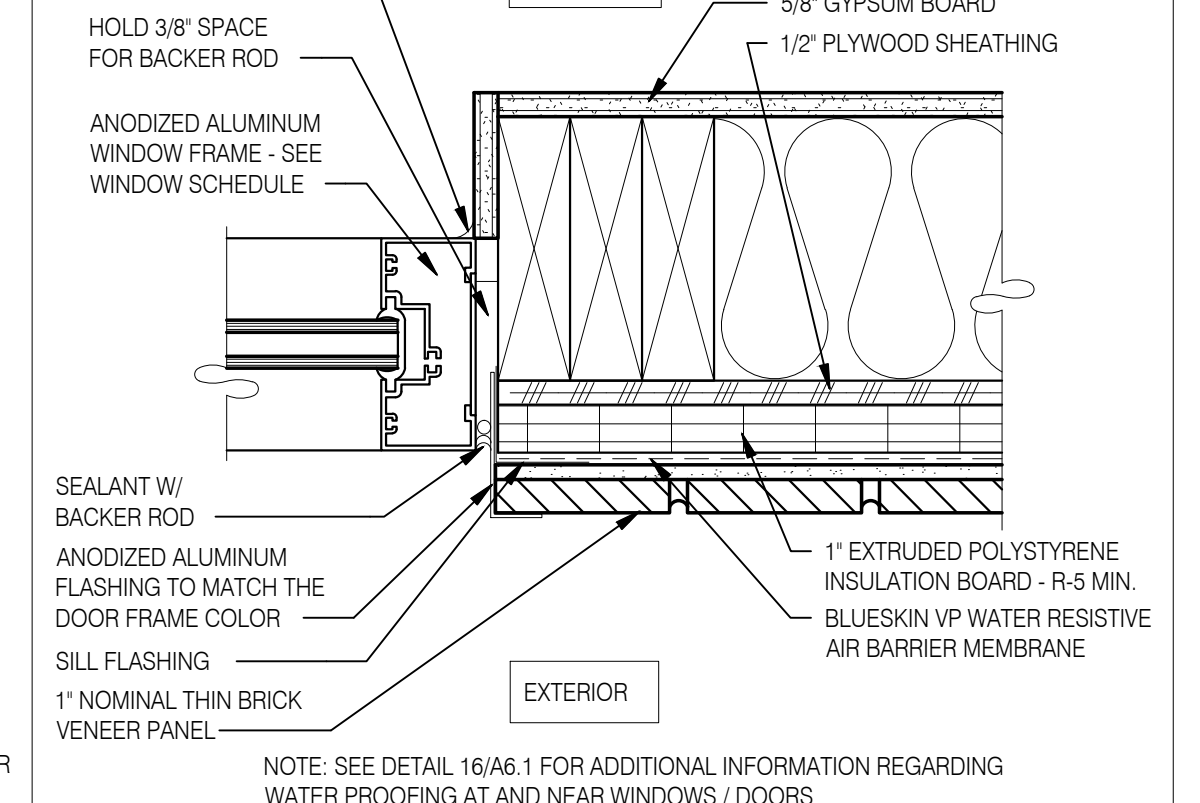
TYPICAL WINDOW HEAD 3" = 1'-0" 1



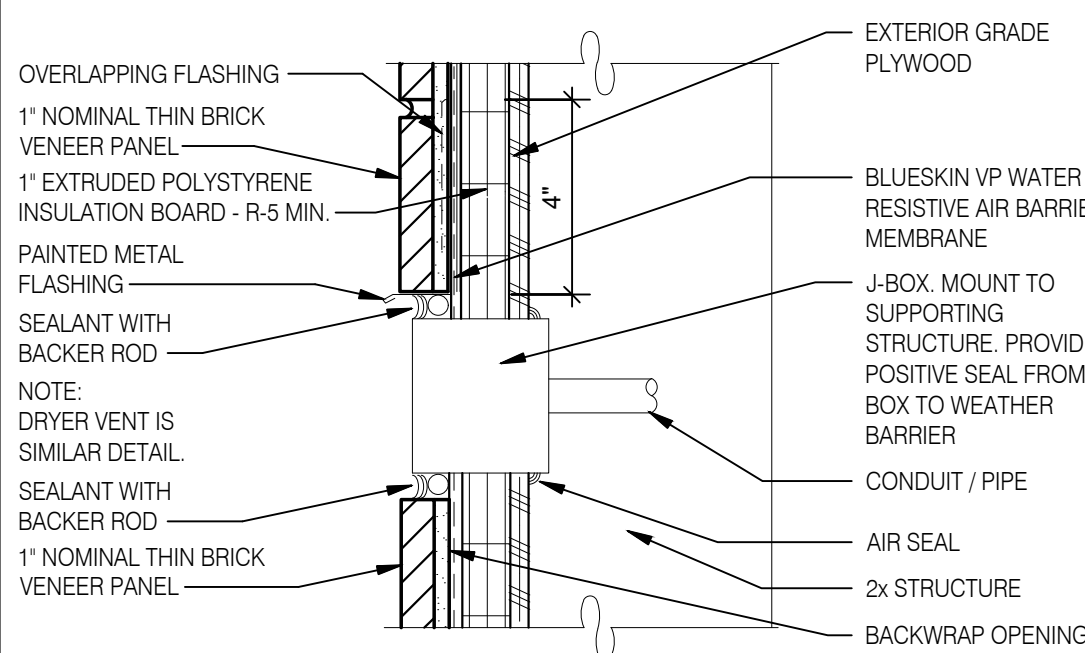
TYPICAL WINDOW SILL 3" = 1'-0" 2



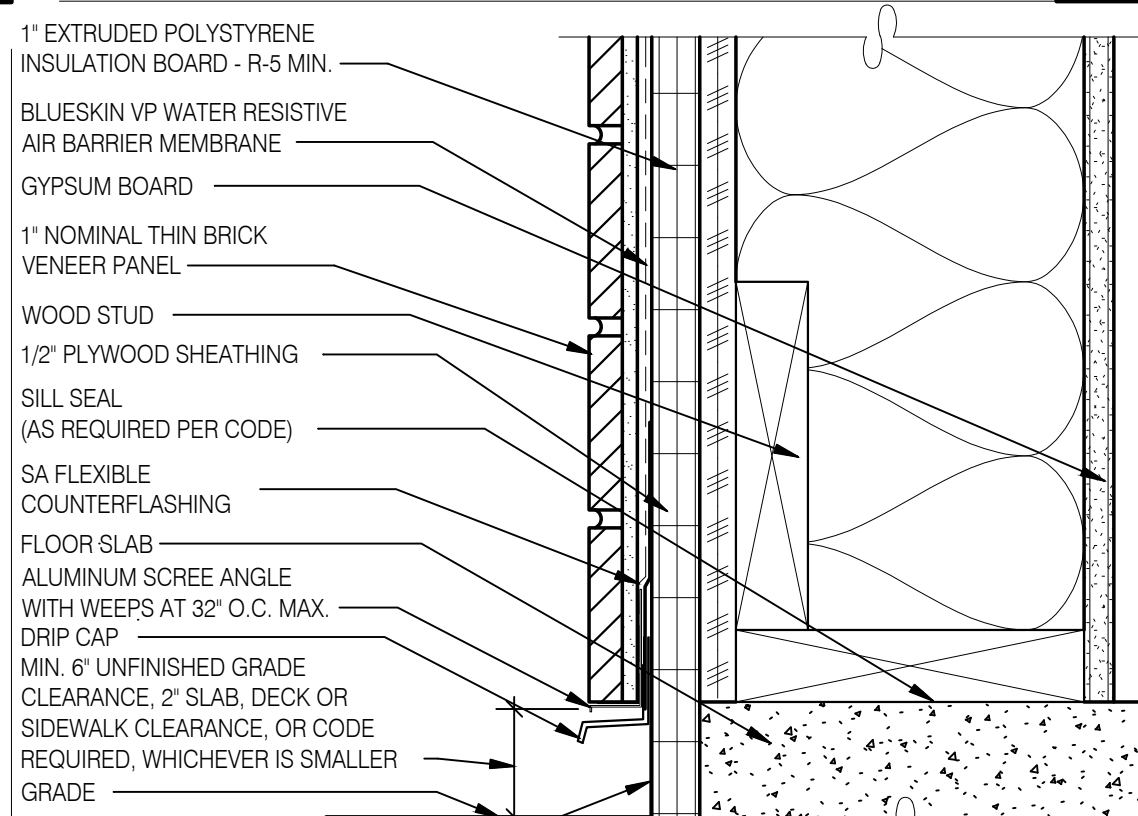
HEAD/JAMB @ SERVICE DOOR 3" = 1'-0" 7



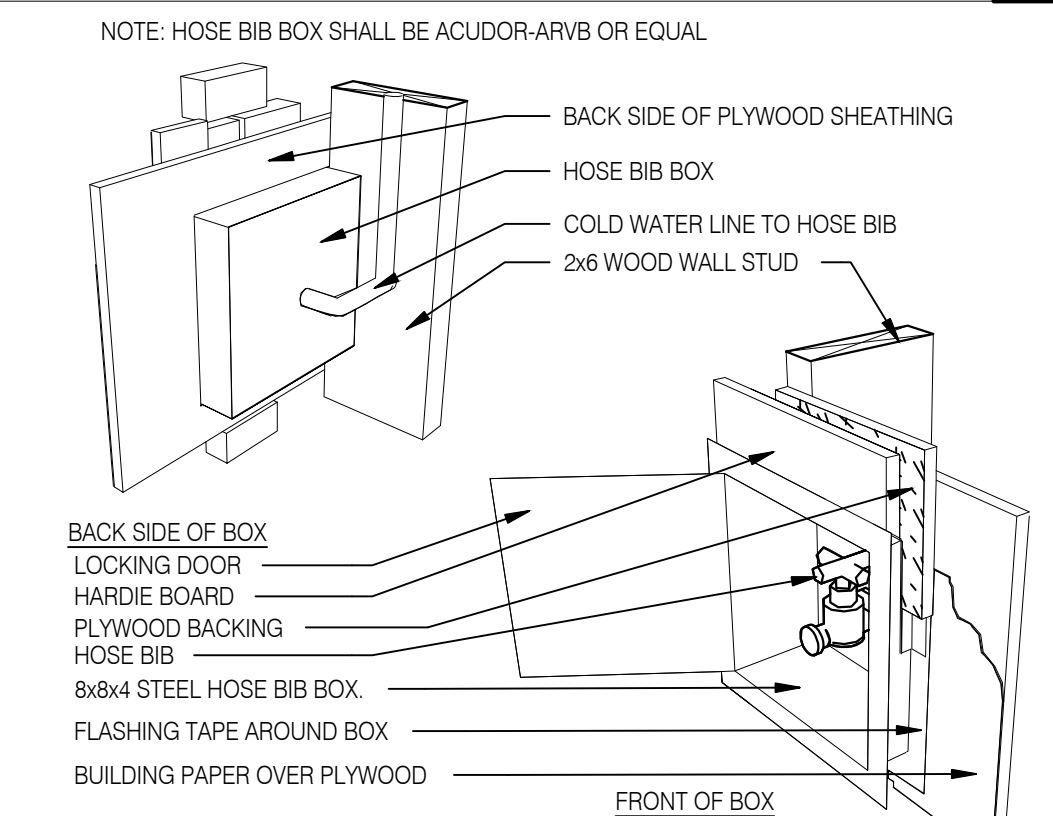
TYPICAL WINDOW JAMB 3" = 1'-0" 3



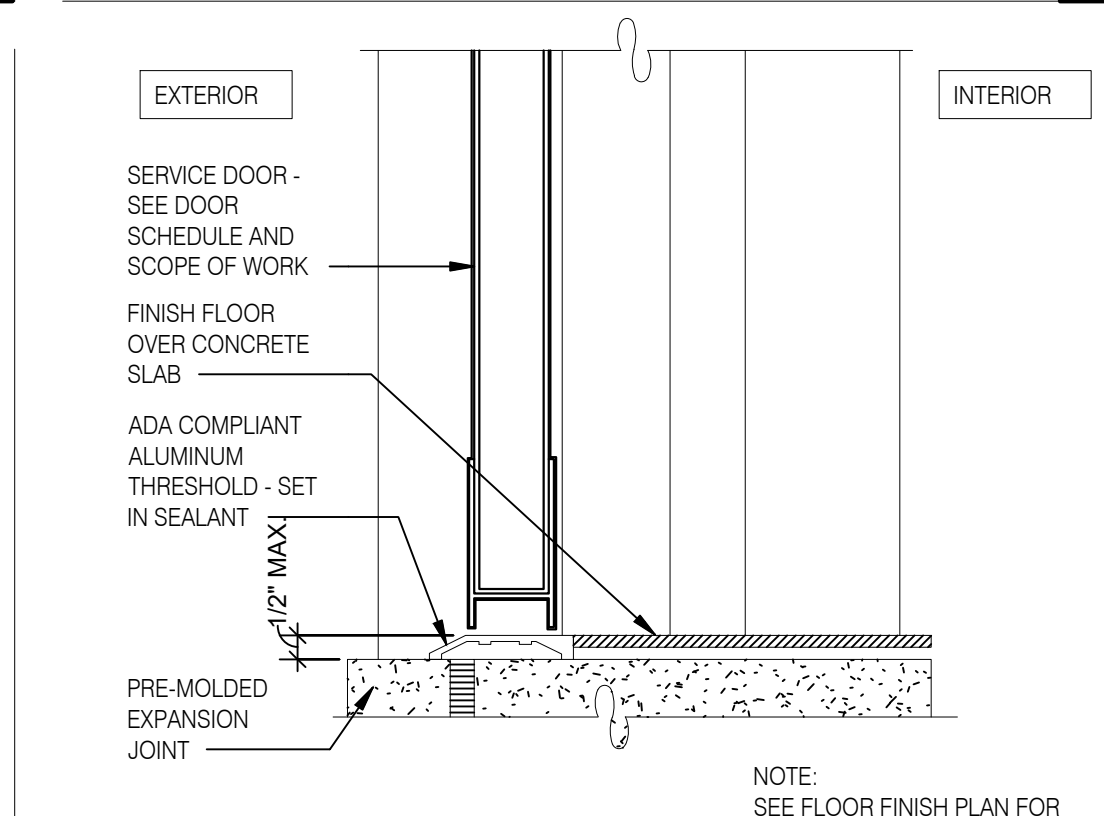
CO2 FILL / J-BOX 3" = 1'-0" 17



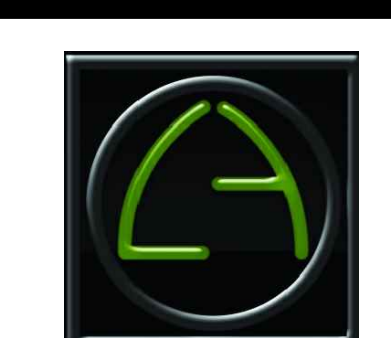
FOUNDATION AT GRADE 3" = 1'-0" 15



HOSE BIB BOX 3" = 1'-0" 12



THRESHOLD @ SERVICE DOOR 3" = 1'-0" 8



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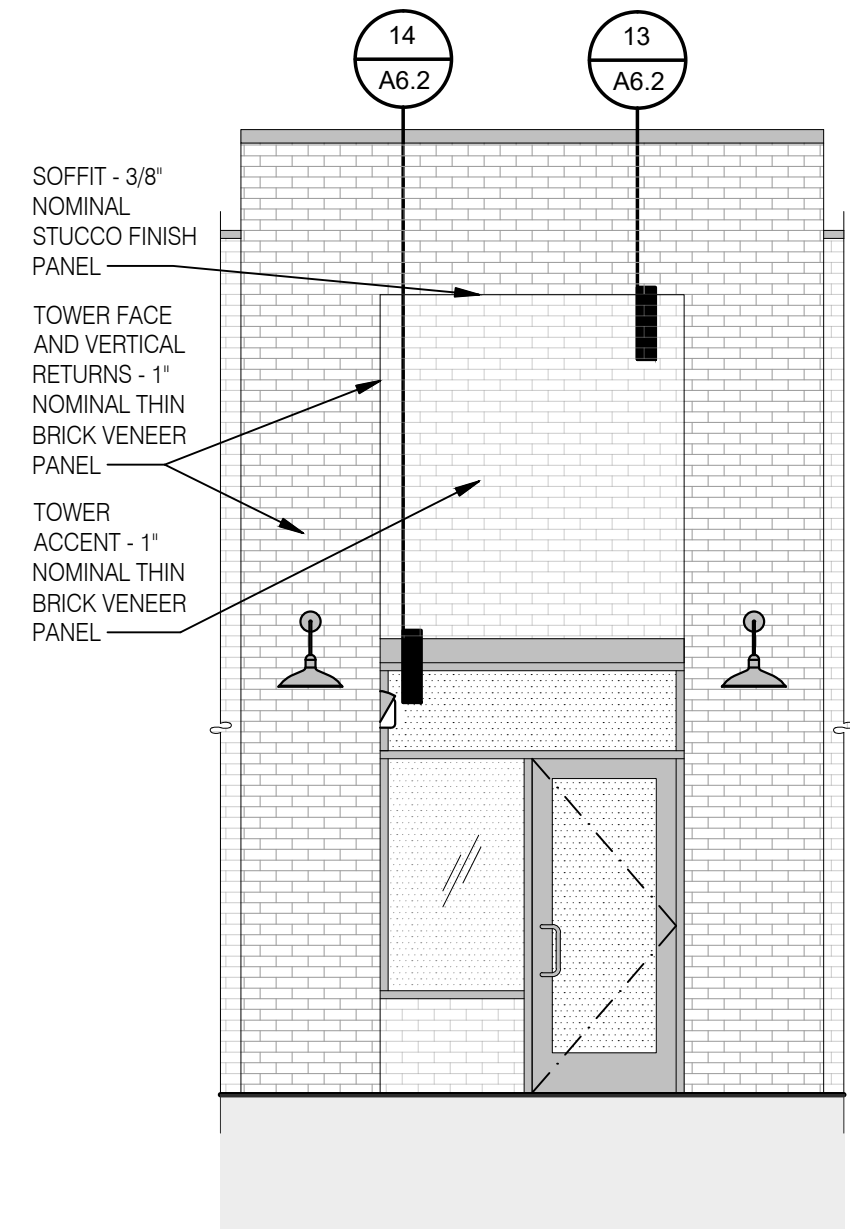
GREAT LAKES
TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



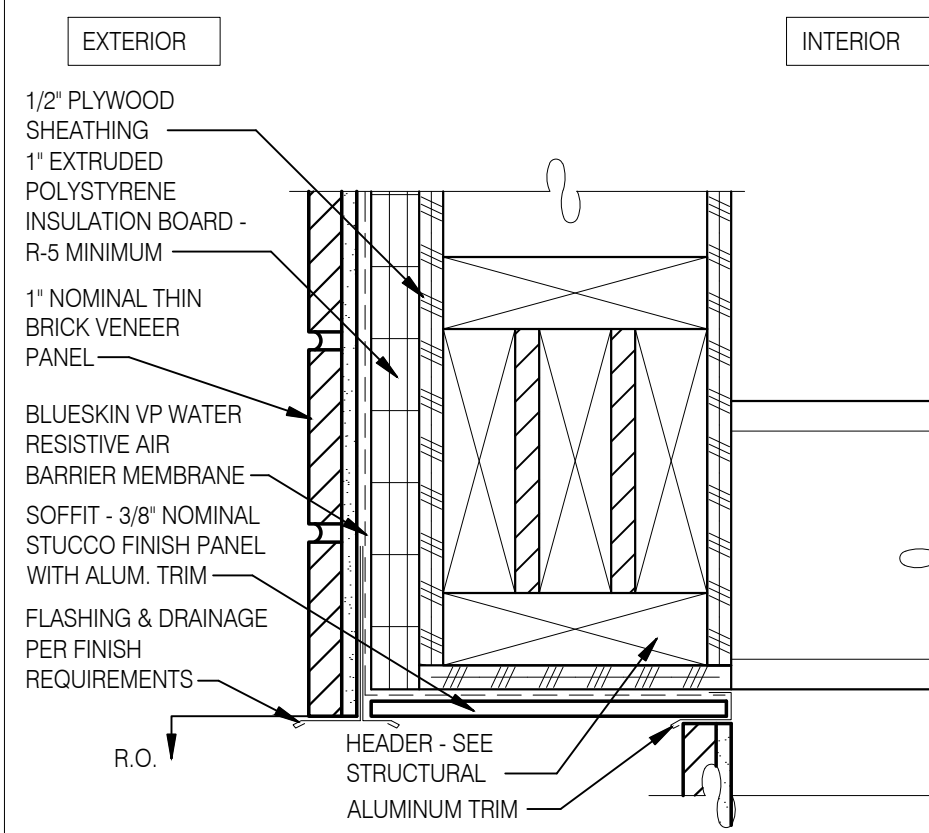
ENDEAVOR 2.0
CONSTRUCTION
DETAILS
DOOR/WINDOW

A6.1

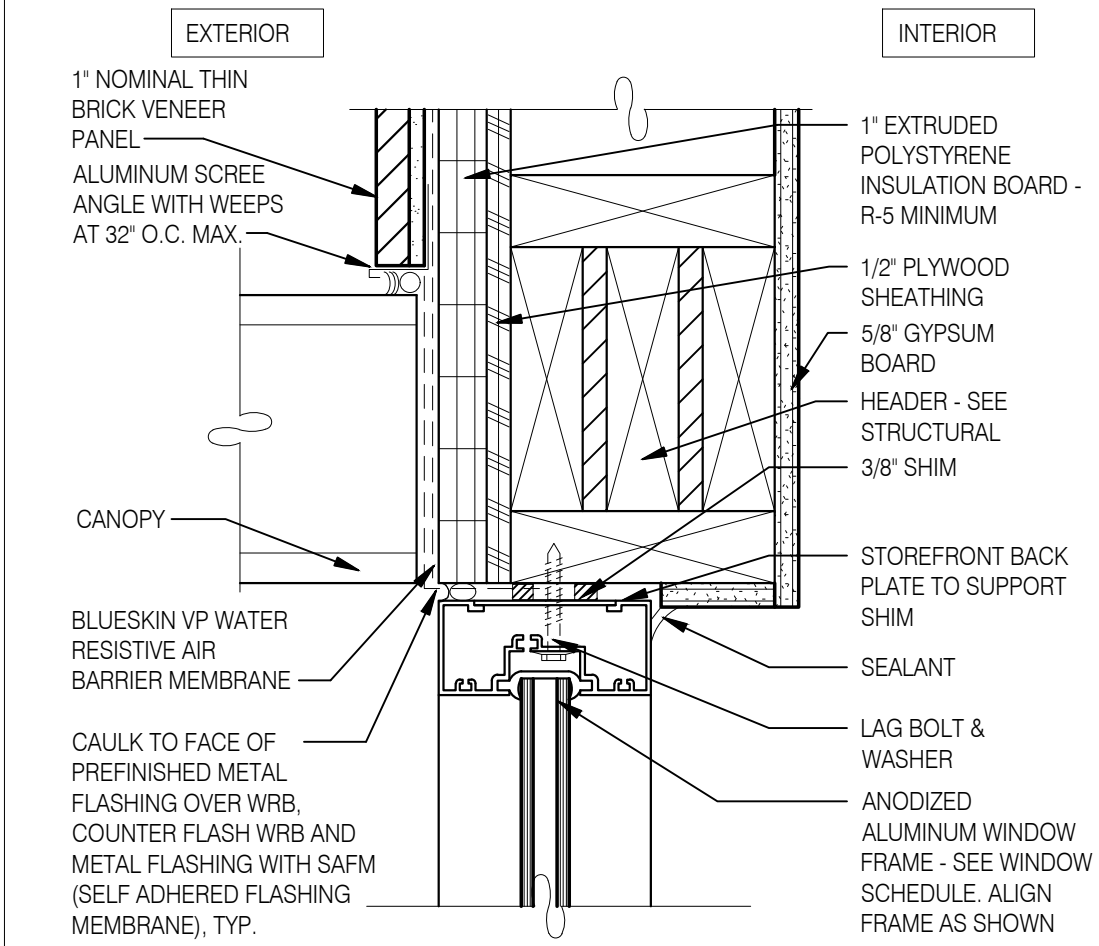
PLOT DATE: 2/25/2022



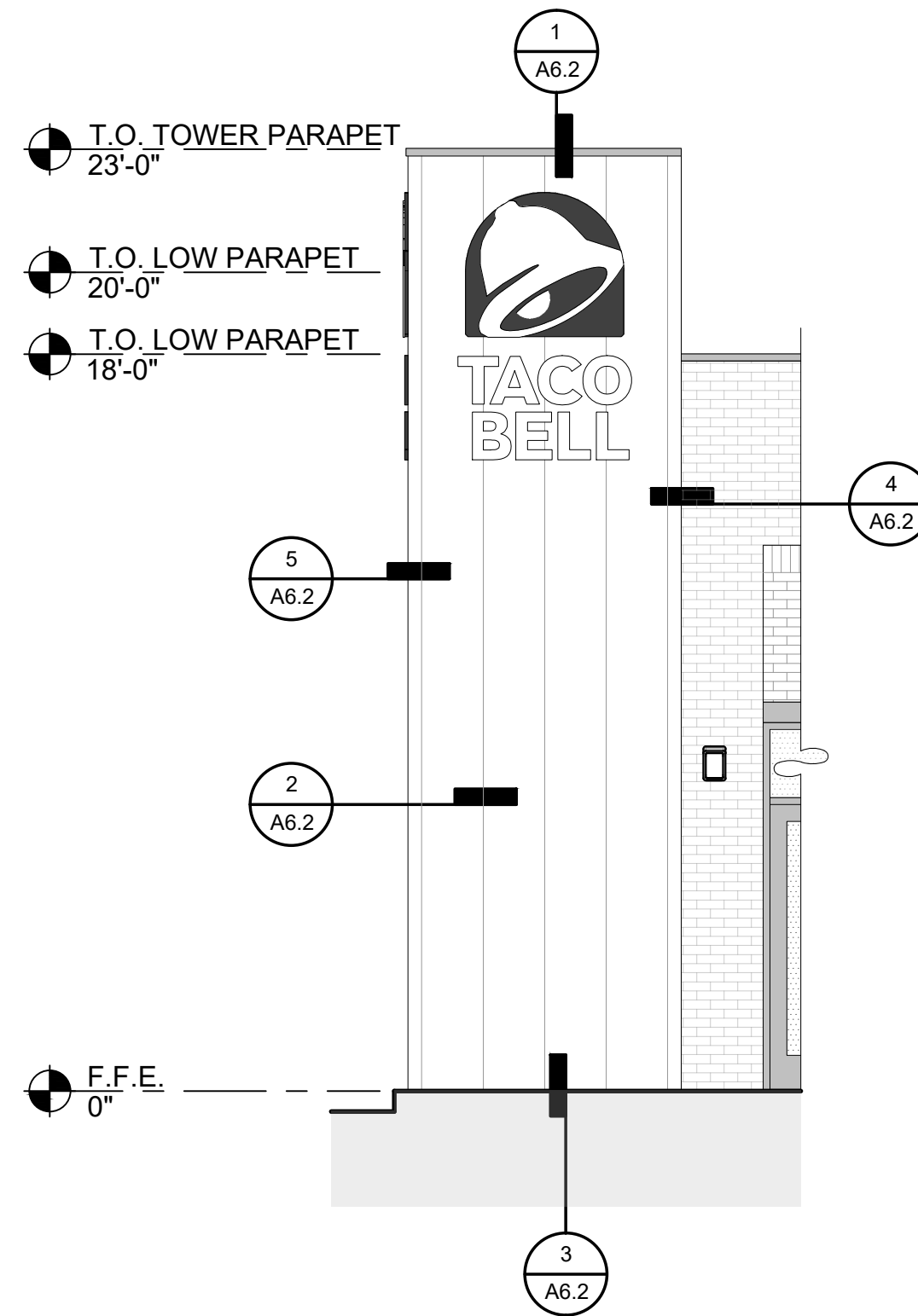
FRONT ELEVATION 1/4" = 1'-0" **18**



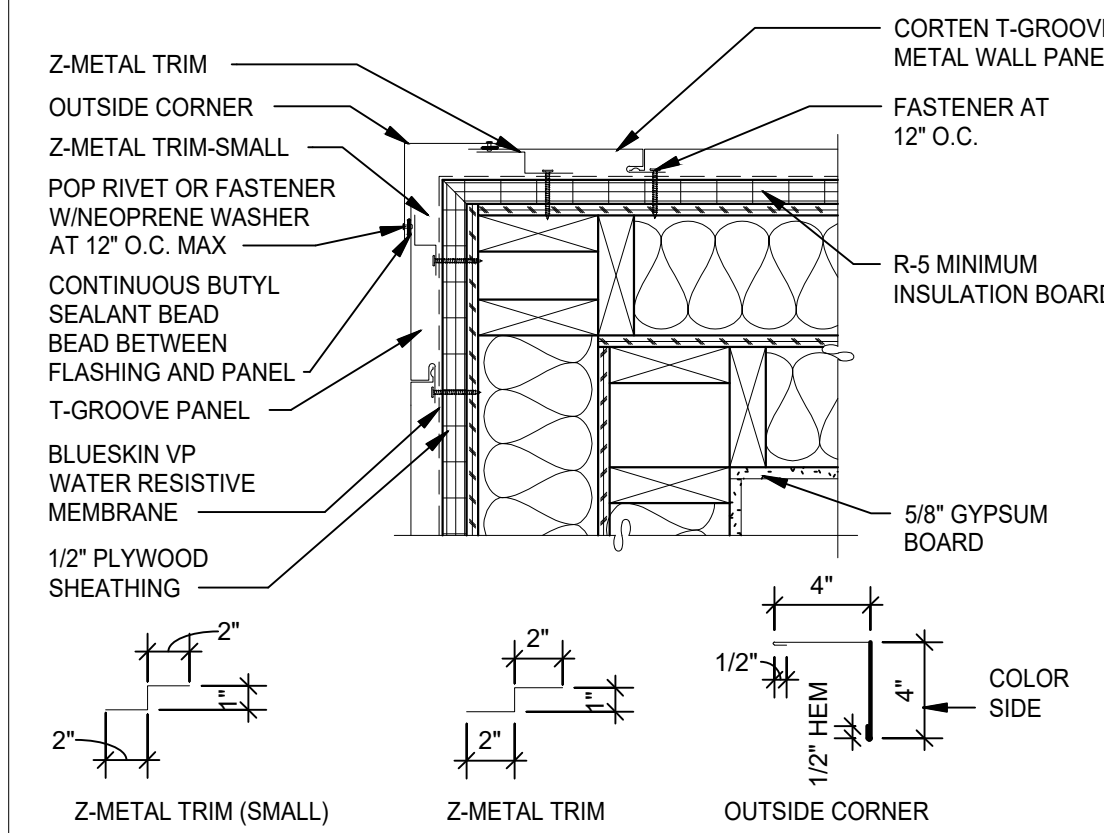
PARAPET CORNER 3" = 1'-0" **13**



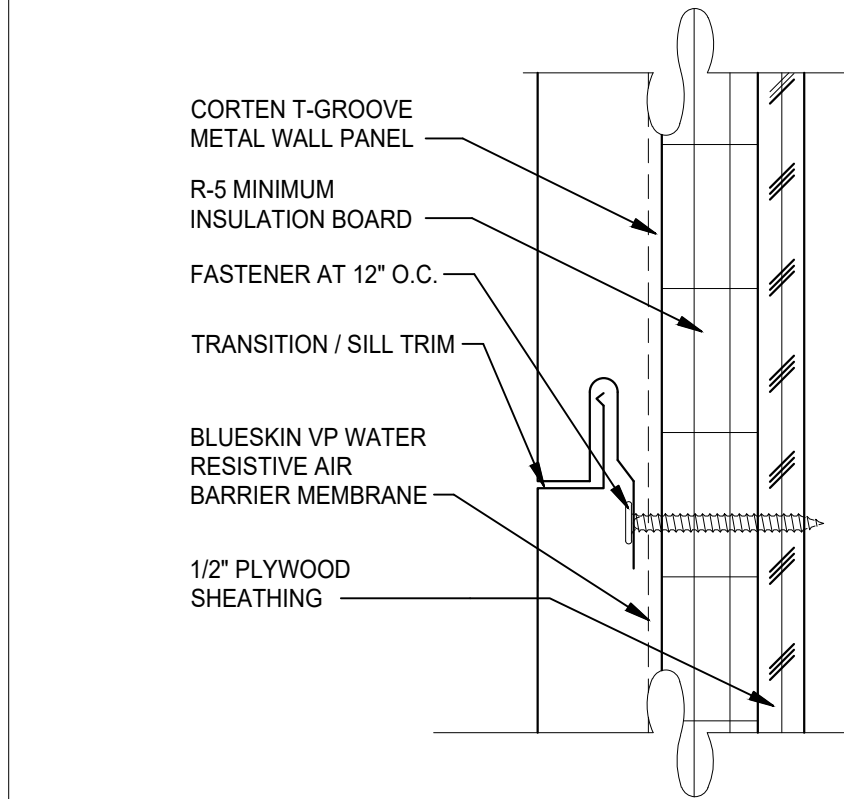
TYPICAL WINDOW HEAD W/ CANOPY 3" = 1'-0" **14**



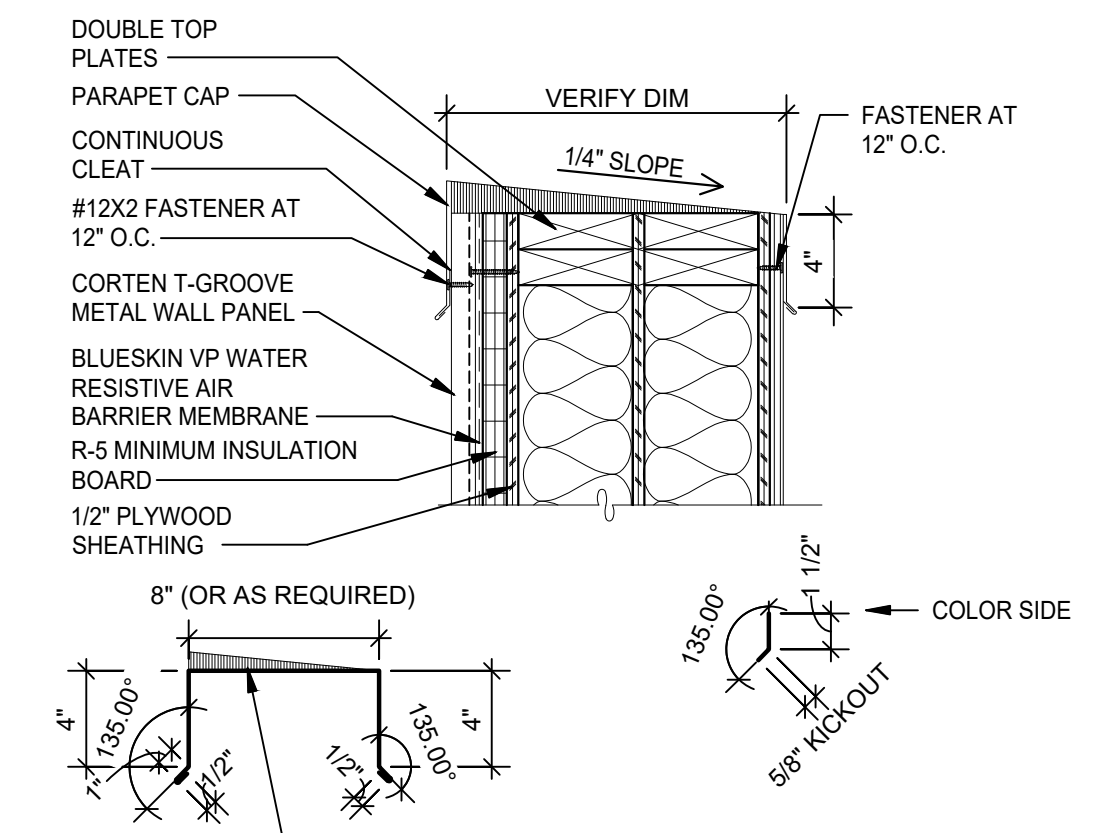
FRONT ELEVATION 1/4" = 1'-0" **10**



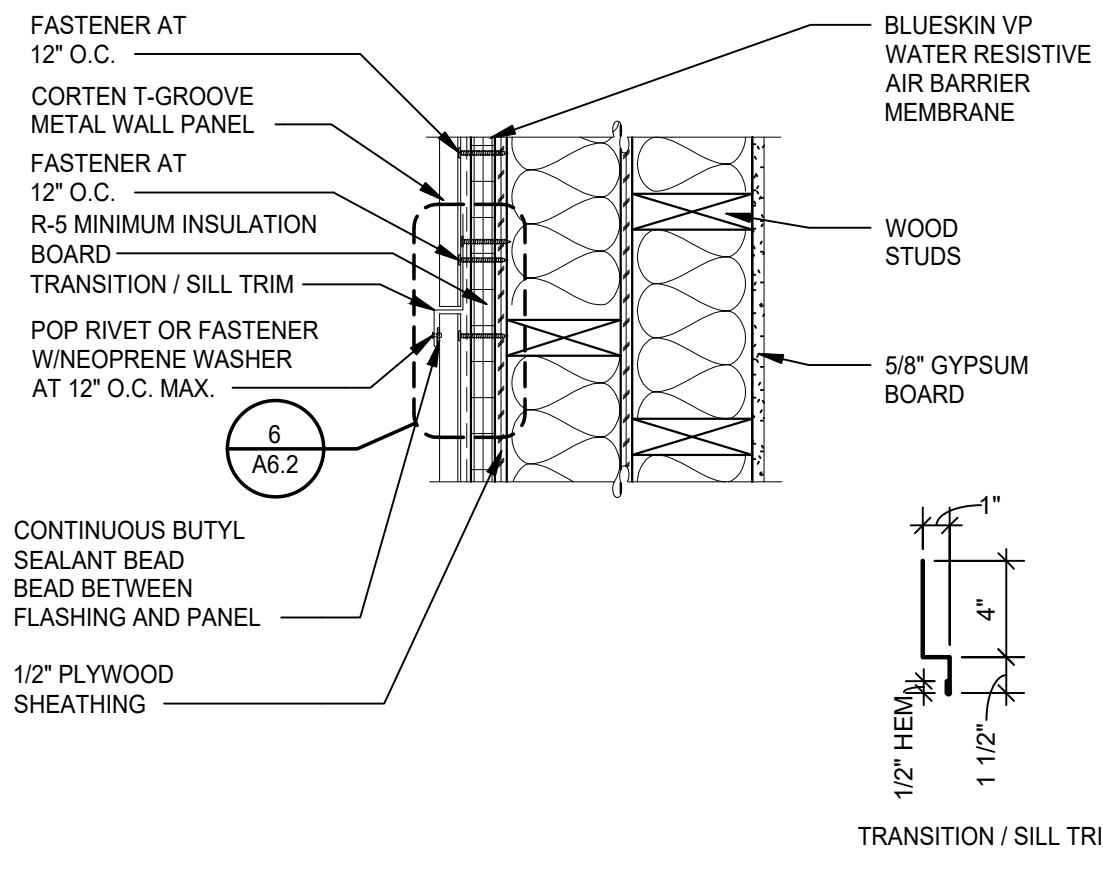
OUTSIDE CORNER 1 1/2" = 1'-0" **5**



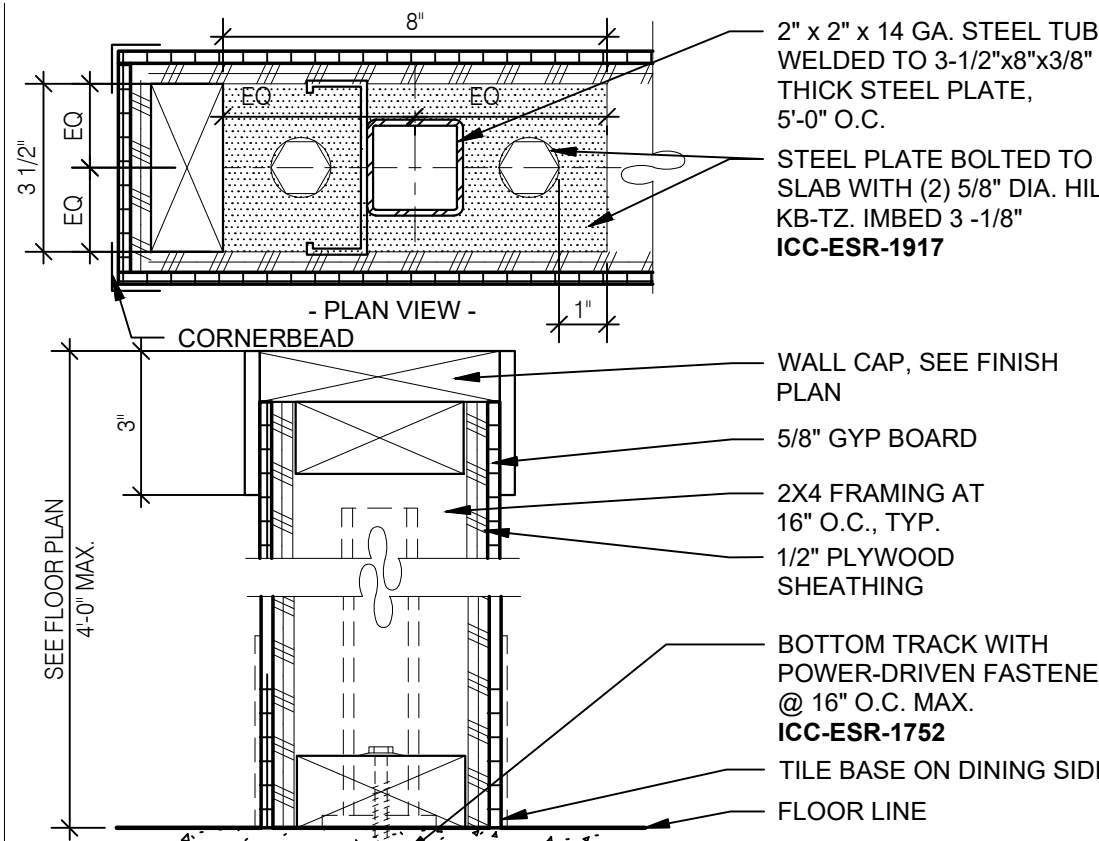
PANEL JOINT 6" = 1'-0" **6**



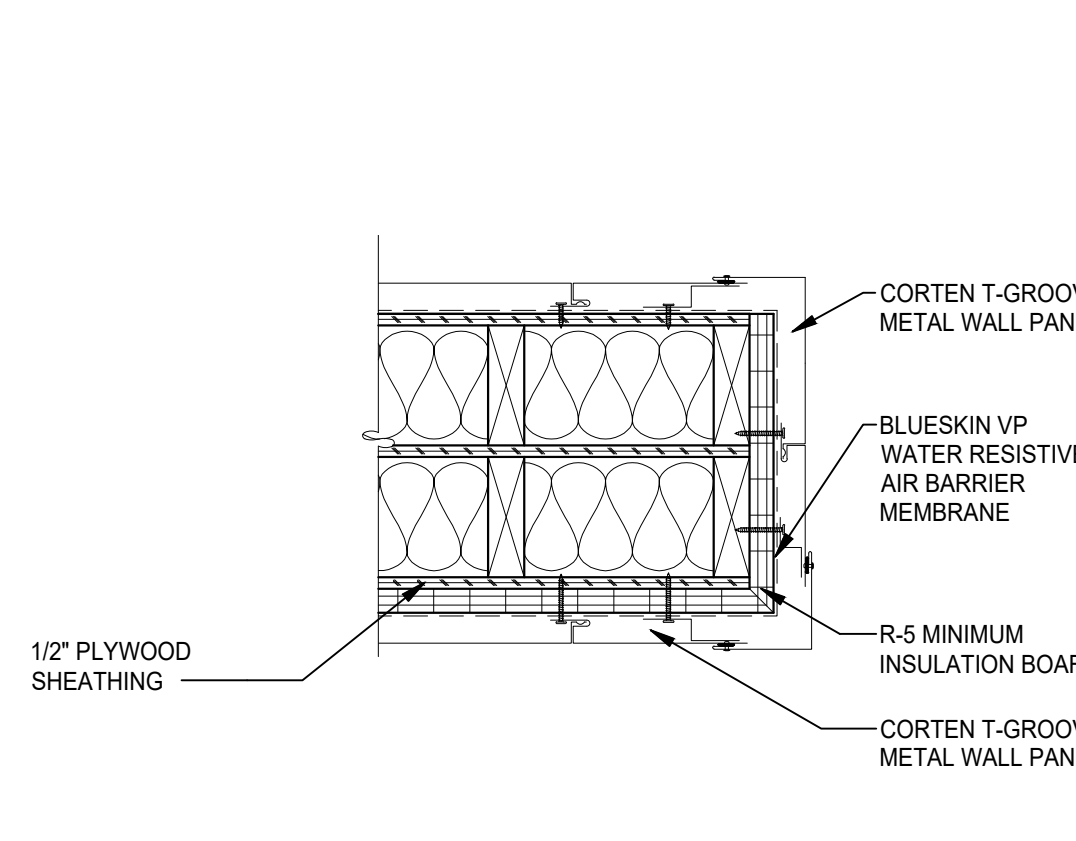
PARAPET 1 1/2" = 1'-0" **1**



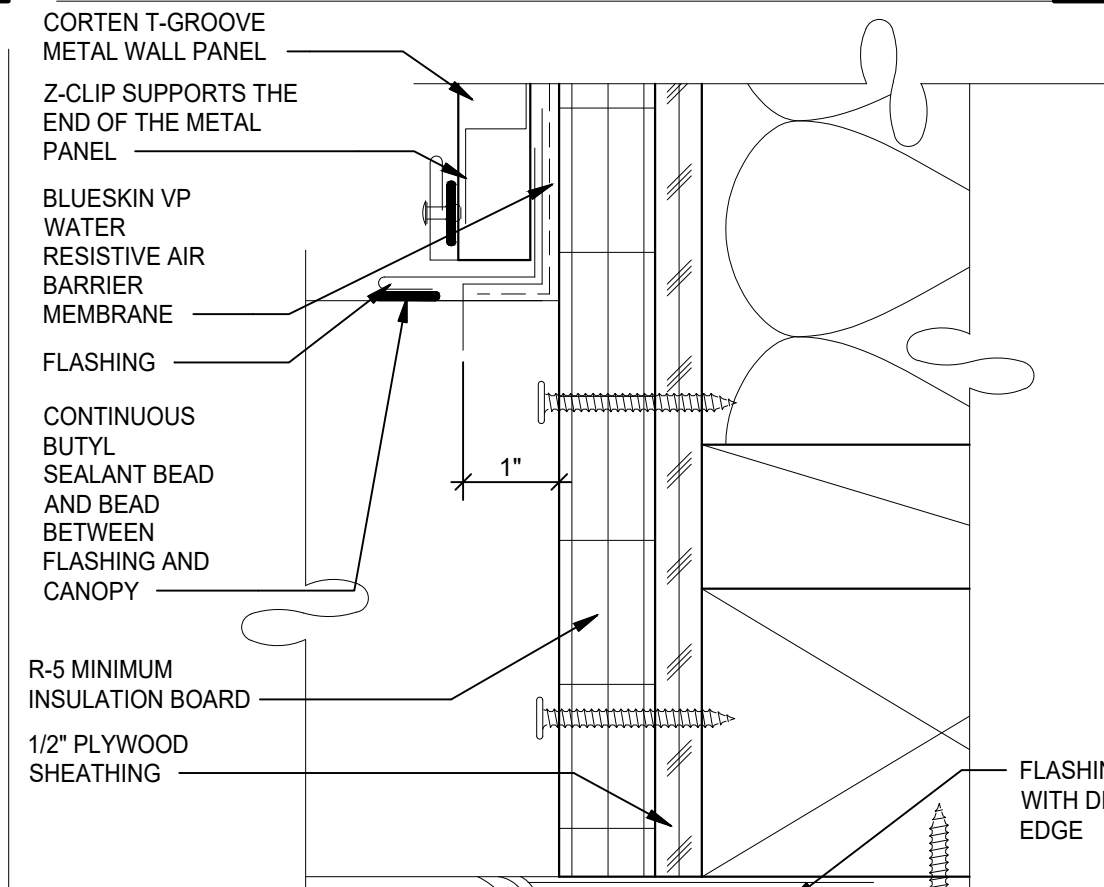
VERTICAL PANEL JOINT 1 1/2" = 1'-0" **2**



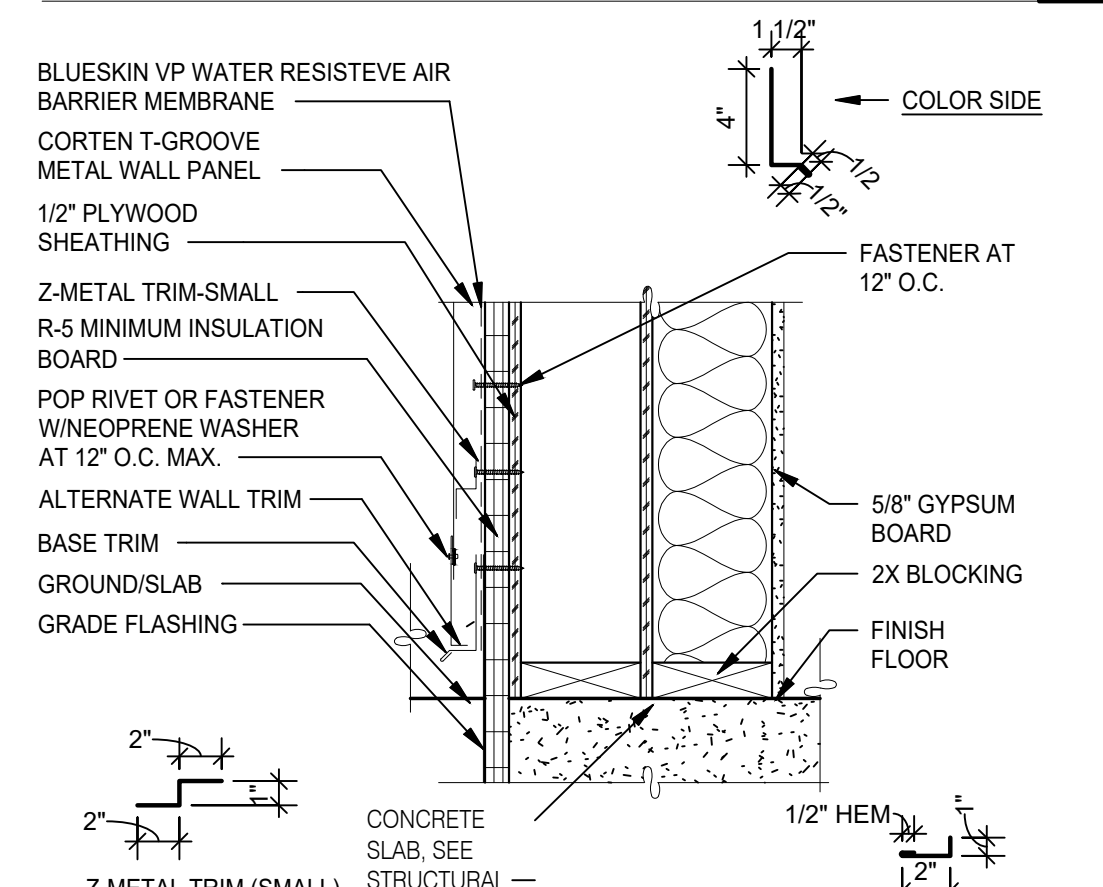
LOW WALL 3" = 1'-0" **15**



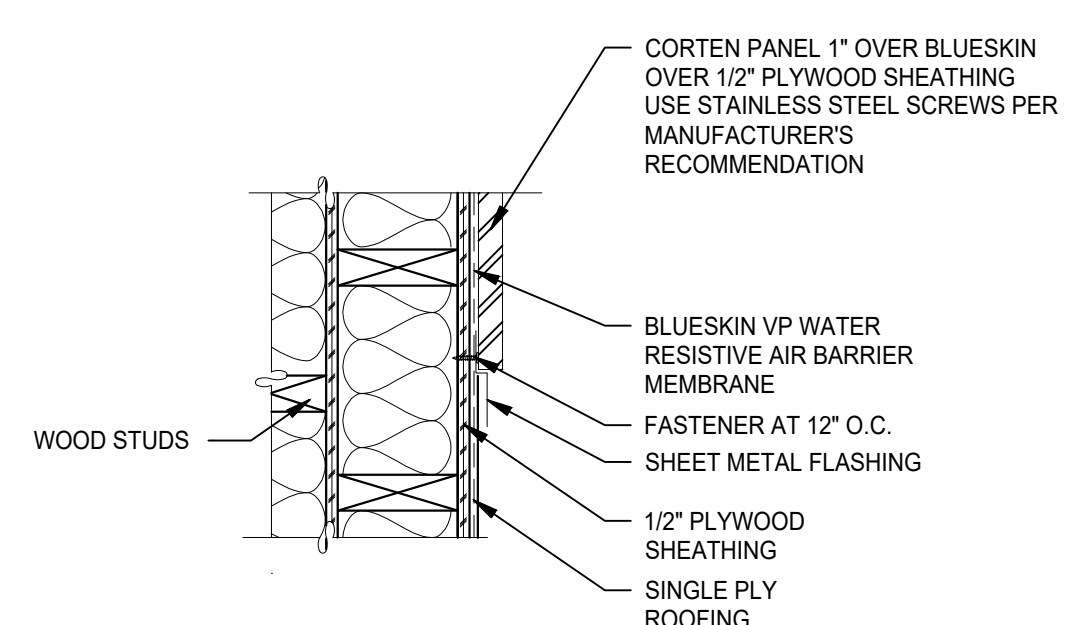
CORTEN T-GROOVE METAL PANEL 1 1/2" = 1'-0" **11**



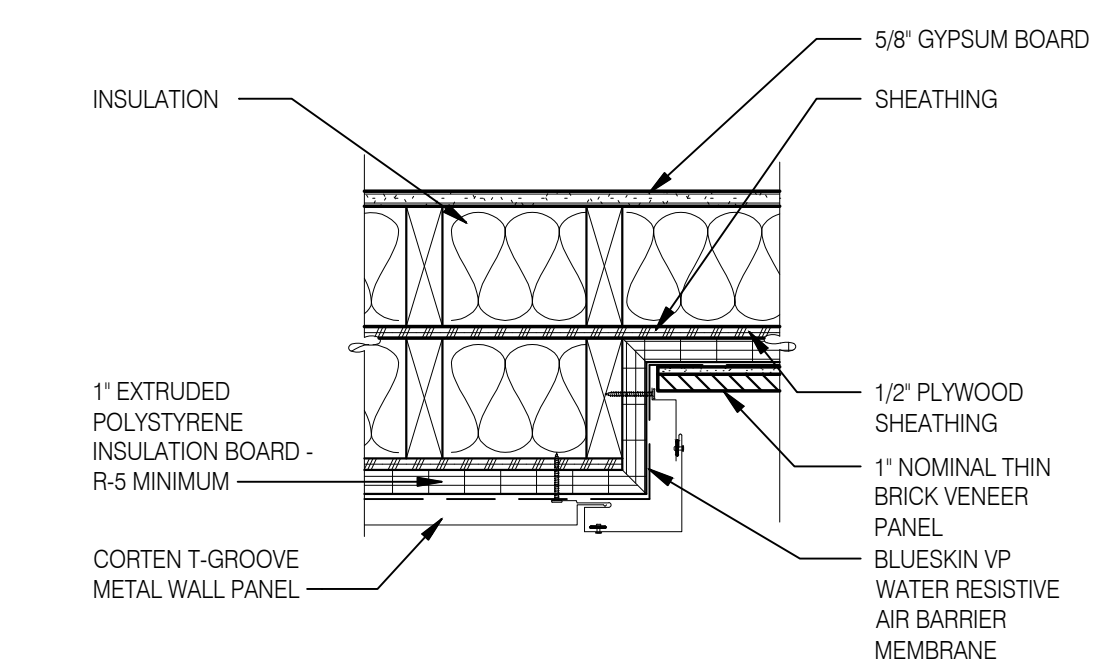
ENLARGED CANOPY DETAIL 6" = 1'-0" **7**



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**



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GREAT LAKES
TACO, L.L.C.

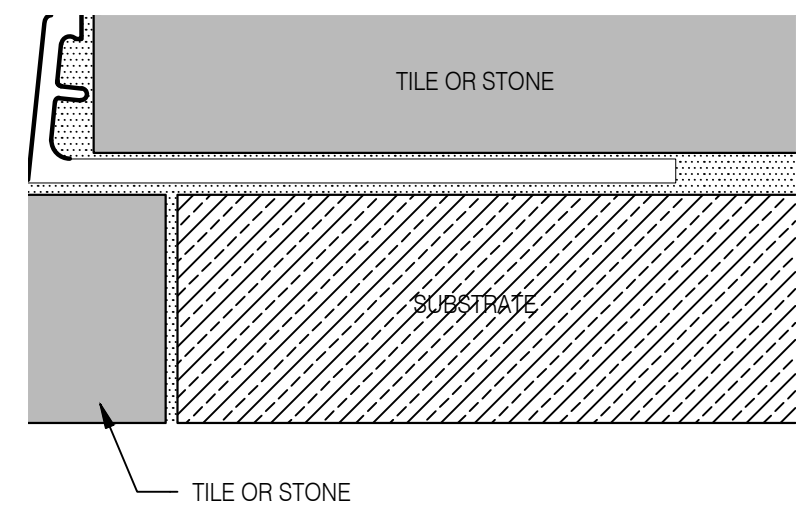
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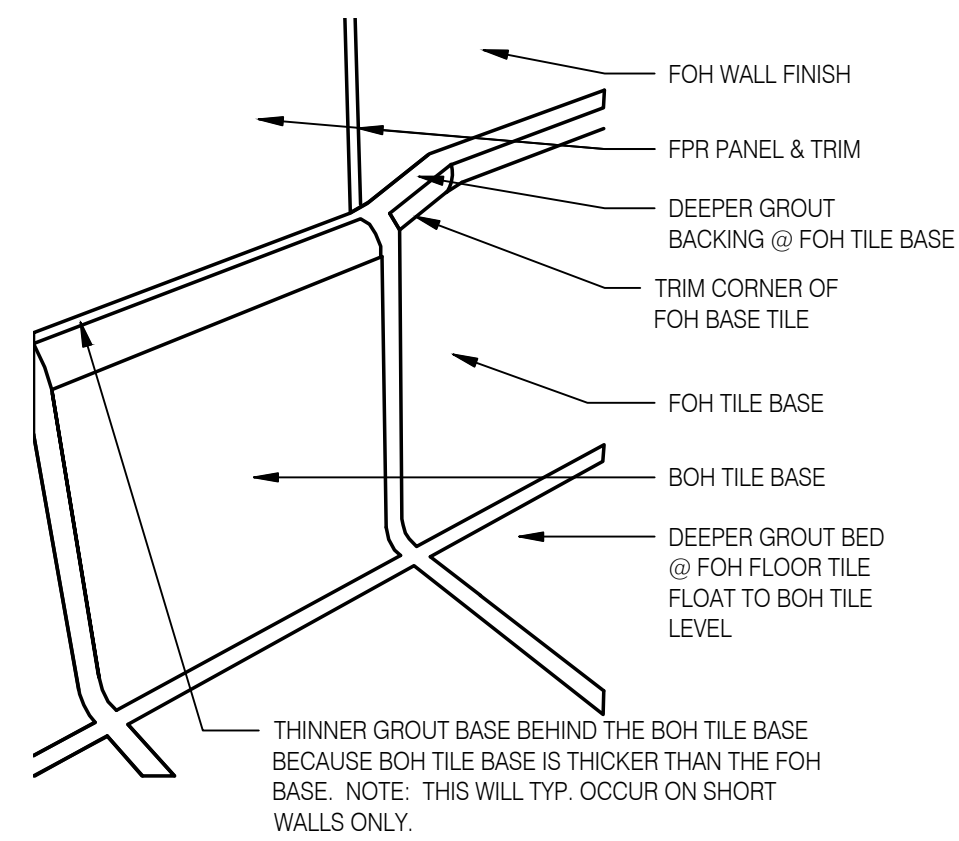
ENDEAVOR 2.0
CONSTRUCTION
DETAILS WALL

A6.2

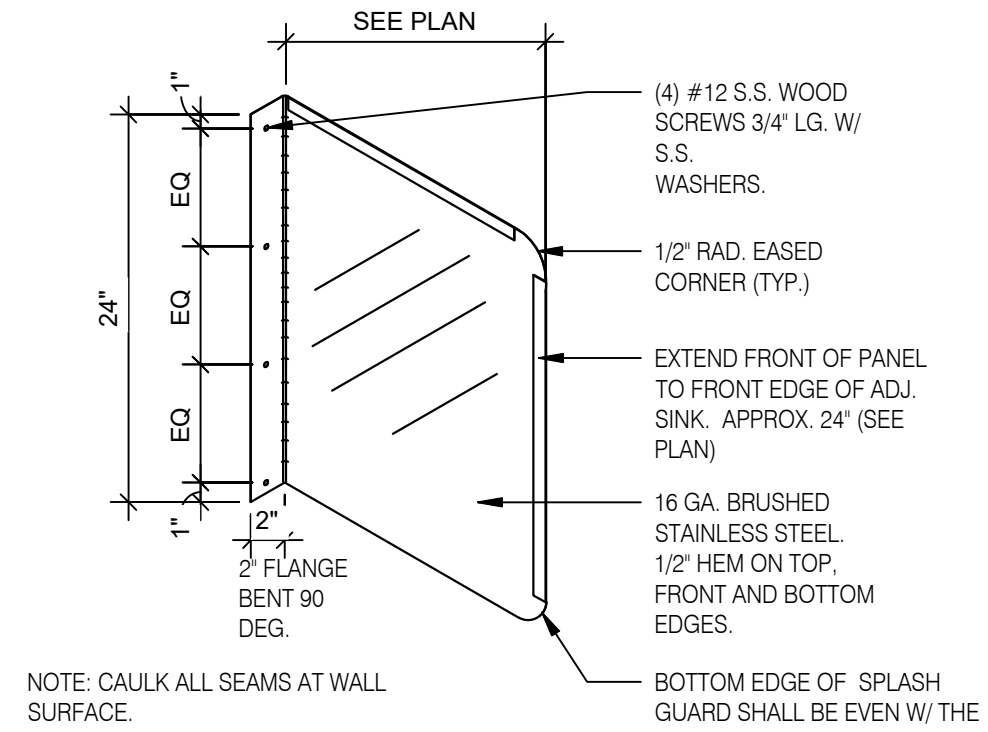
PLOT DATE: 2/25/2022



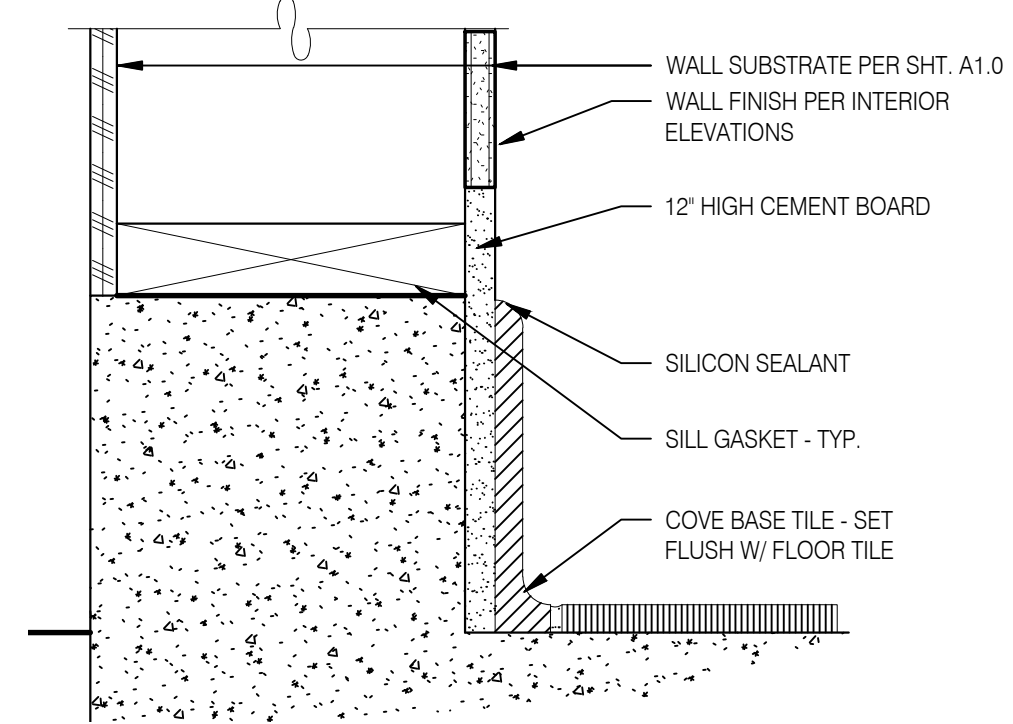
Schluter Jolly Corner Guard 1 1/2" = 1'-0" **17**



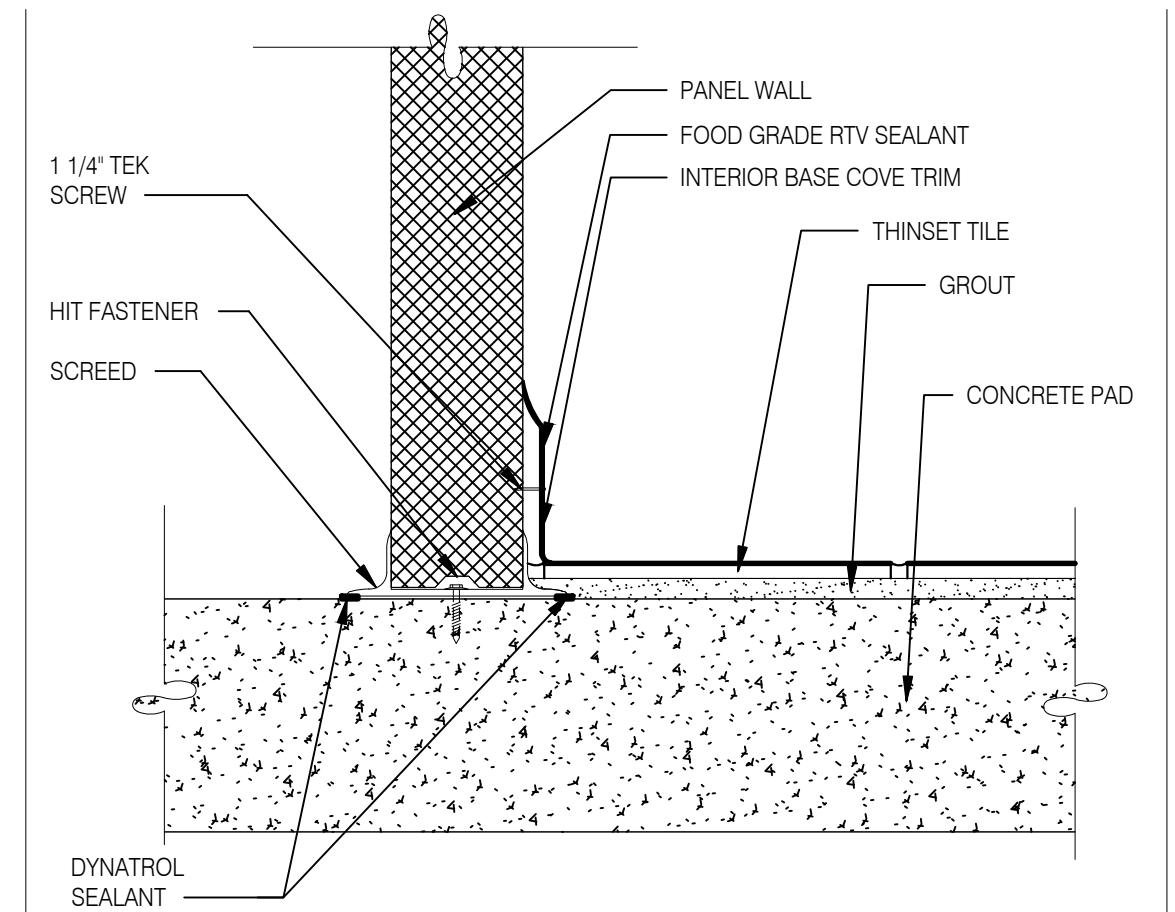
Tile Base Transition 12" = 1'-0" **13**



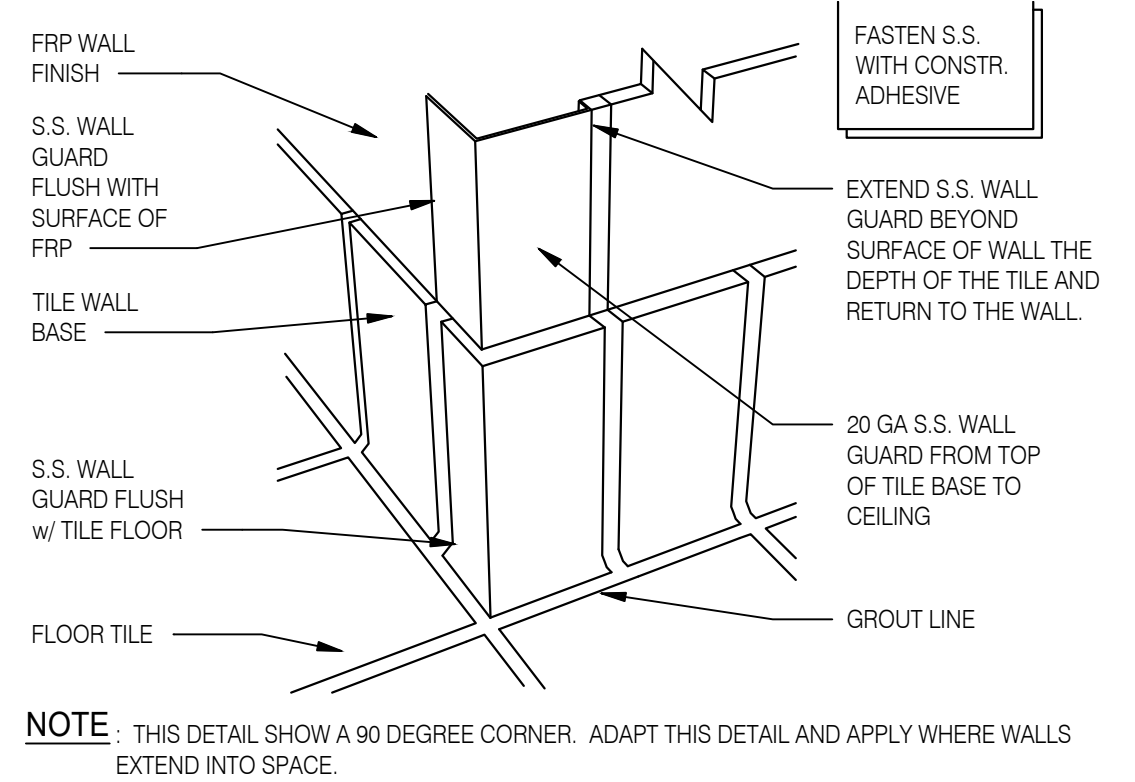
Splash Guard 1" = 1'-0" **9**



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

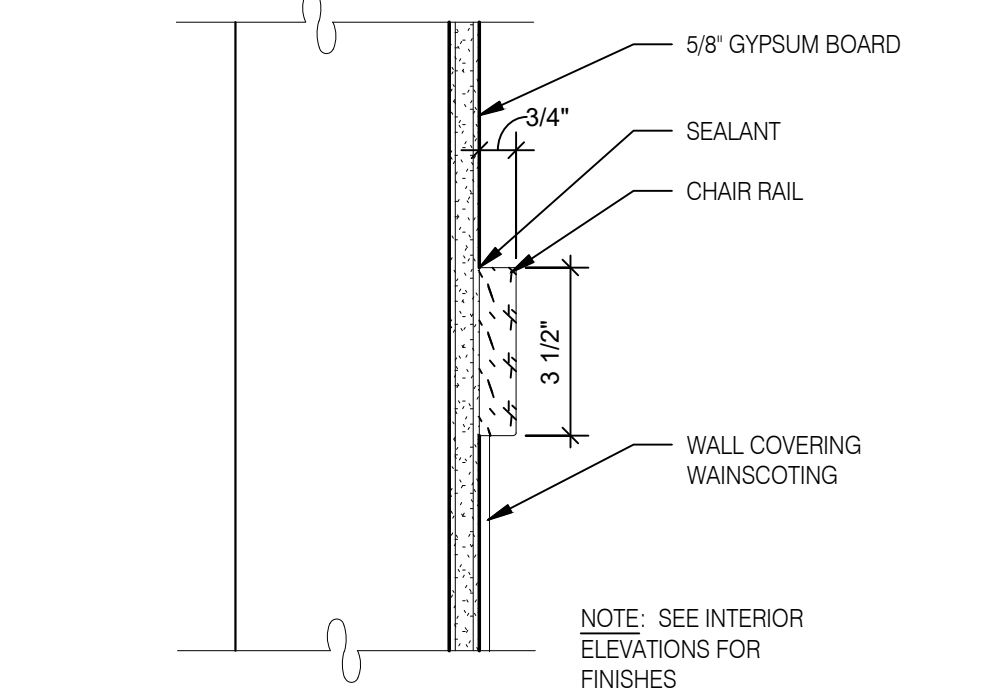


Walk-in Tile/Base 1 1/2" = 1'-0" **1**

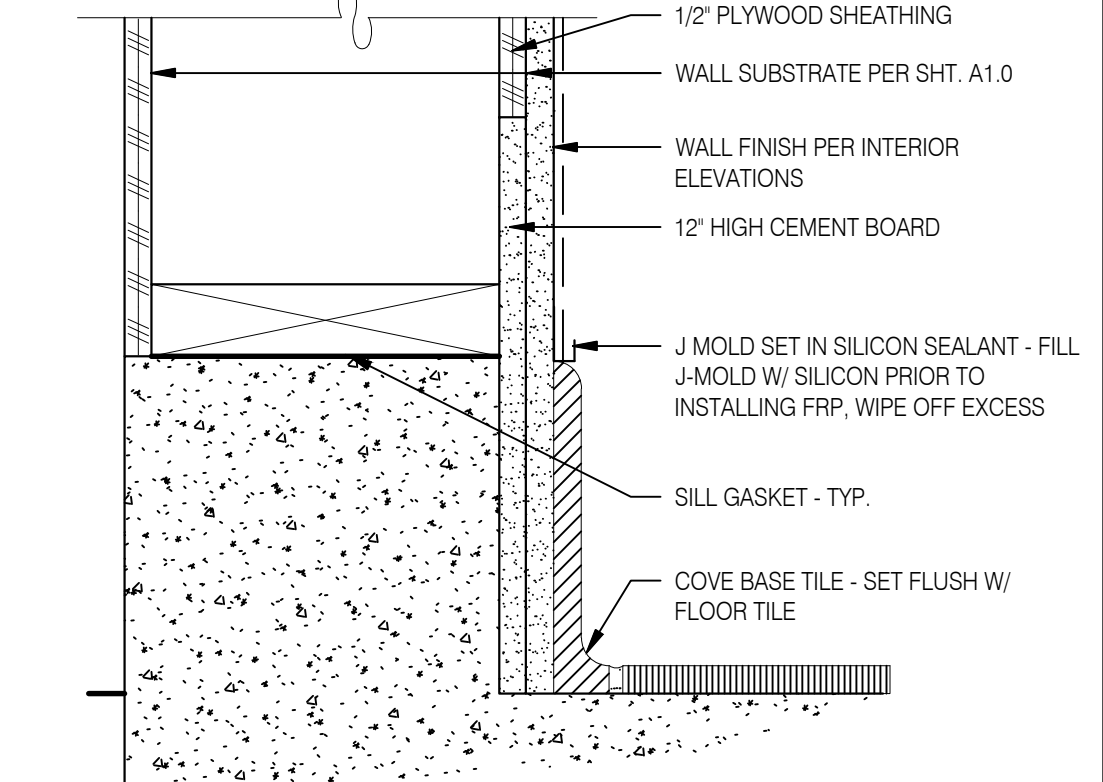


NOT USED **18**

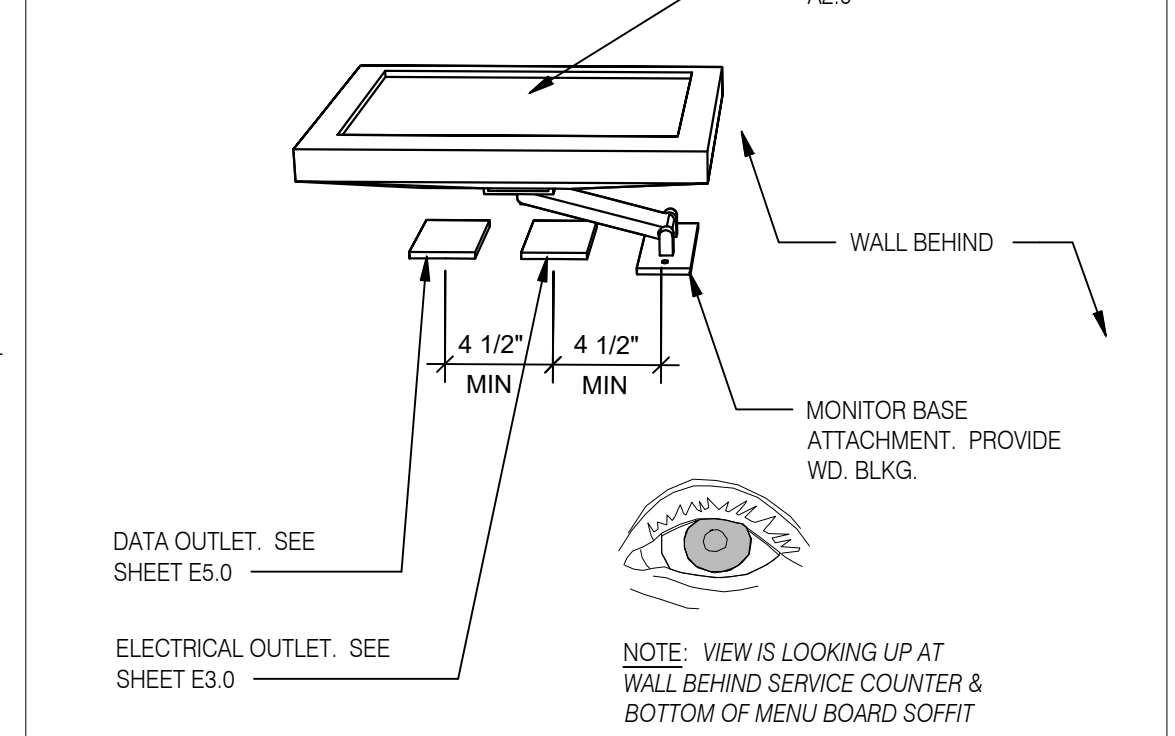
S.S. Corner & End Wall Guard 12" = 1'-0" **14**



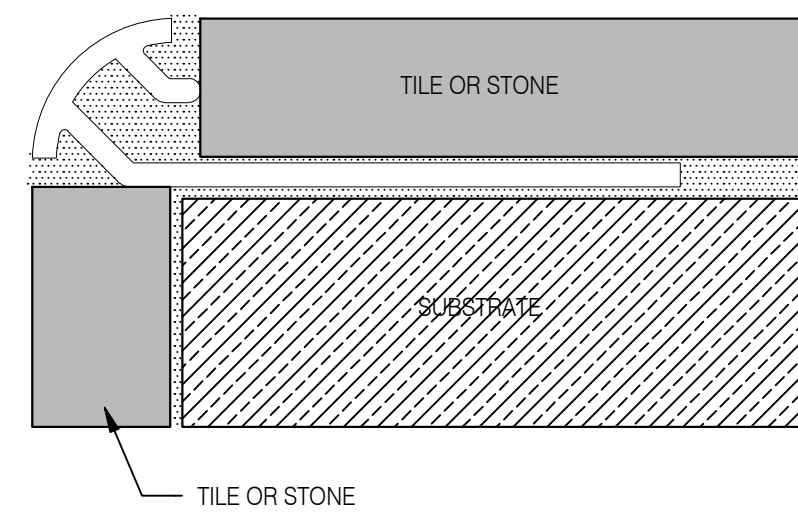
Chair Rail Detail 3" = 1'-0" **10**



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



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

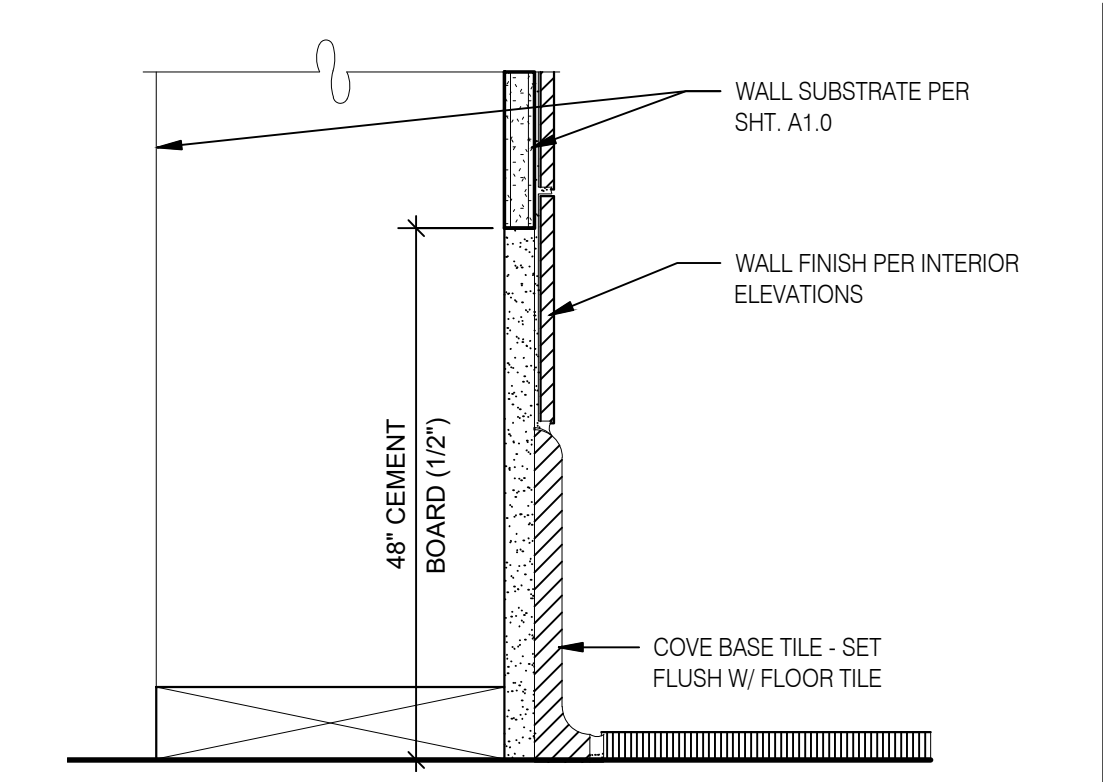


NOT USED **19**

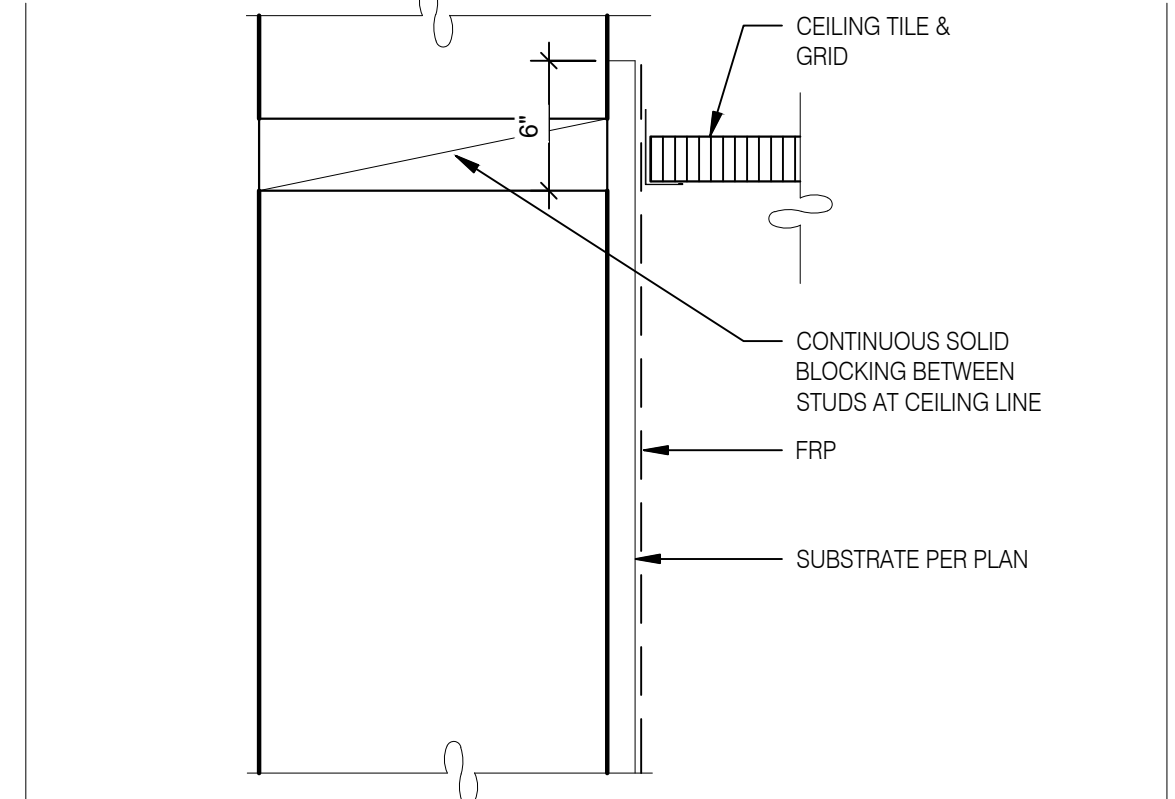
Schluter Corner Guard 1 1/2" = 1'-0" **15**



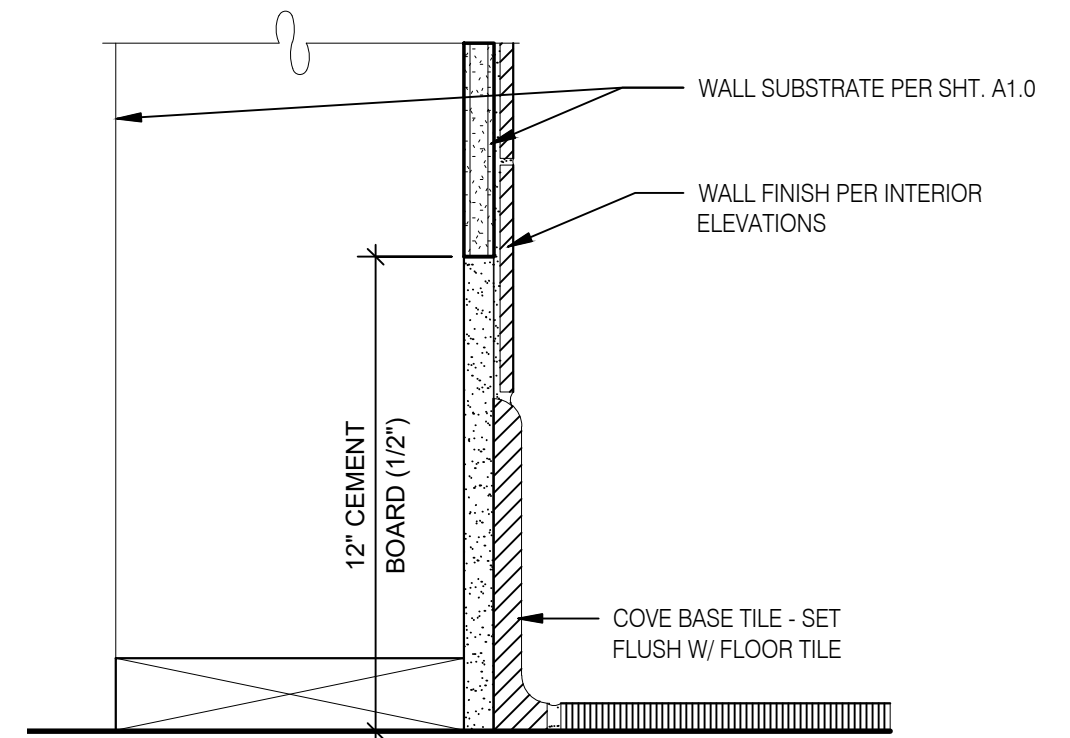
Rethermalizer Rail Detail 12" = 1'-0" **11**



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

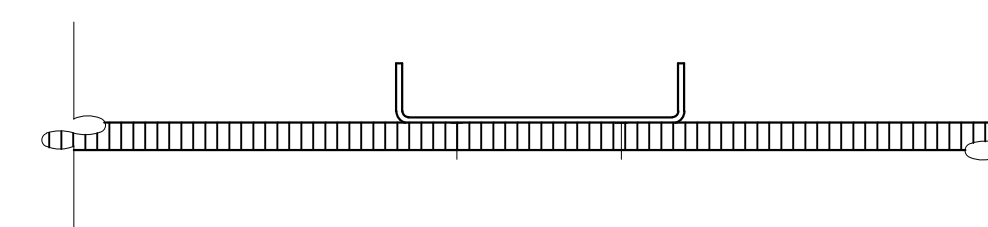


Kitchen Finish @ Ceiling 3" = 1'-0" **3**

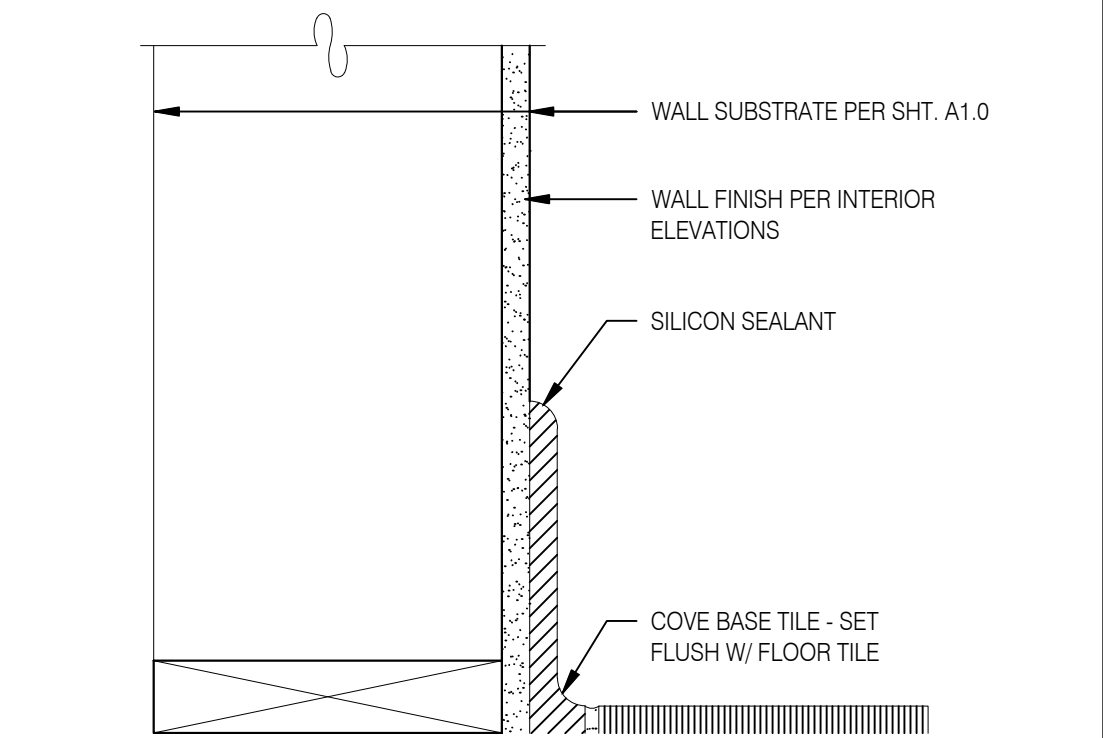


NOT USED **20**

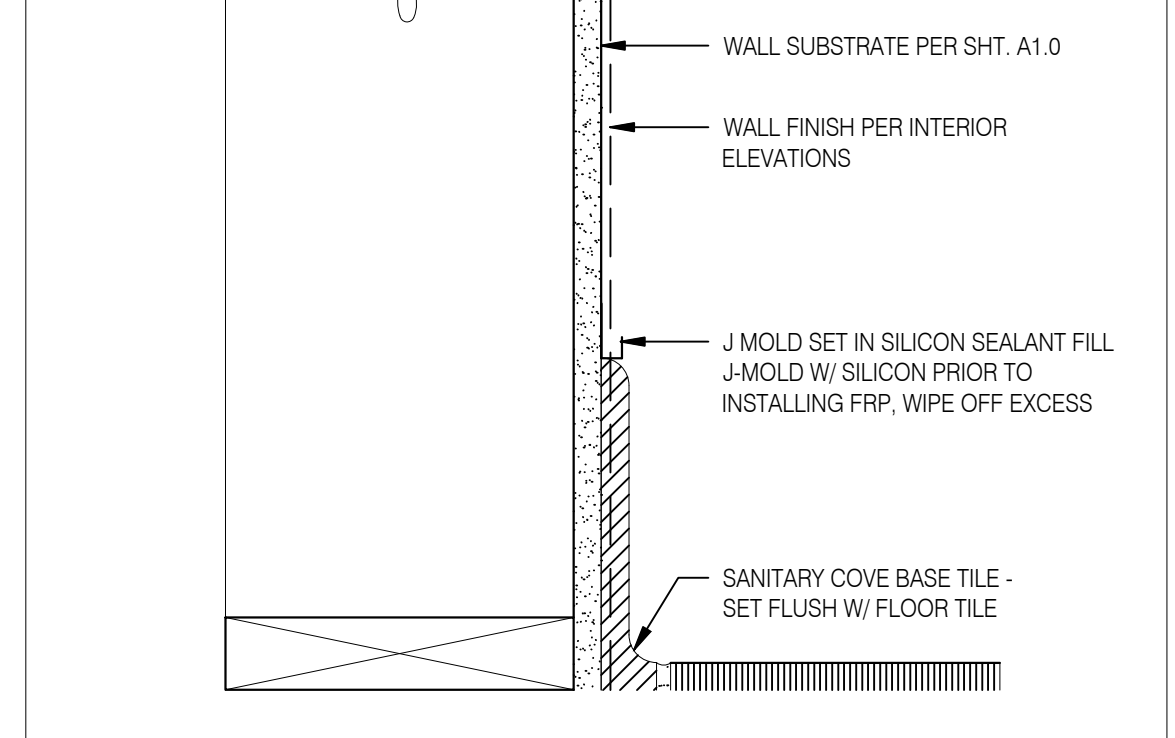
Base @ Kitchen Wall 3" = 1'-0" **16**



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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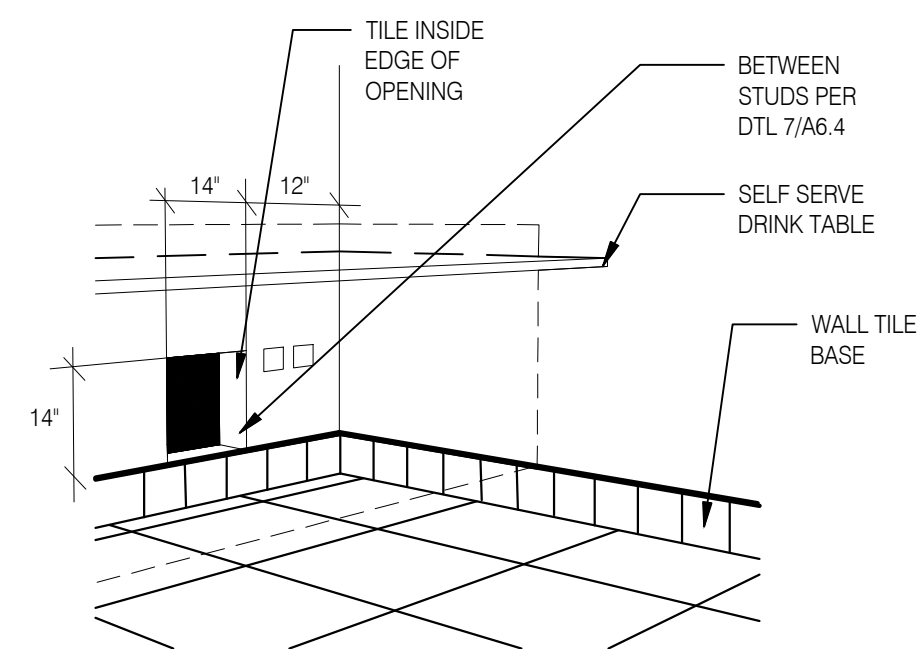
GREAT LAKES
TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
FINISH DETAILS

A6.3

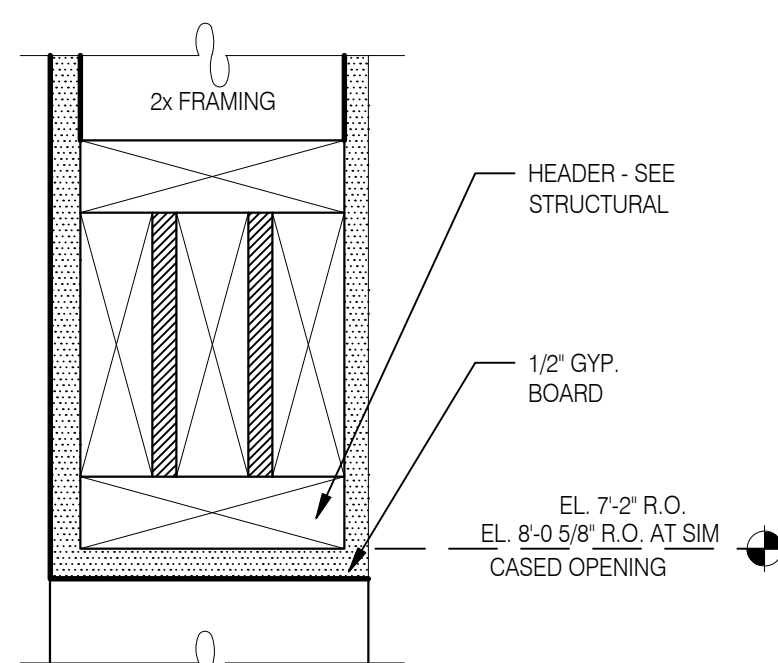
PLOT DATE: 2/25/2022



WALL PASS THRU

N.T.S.

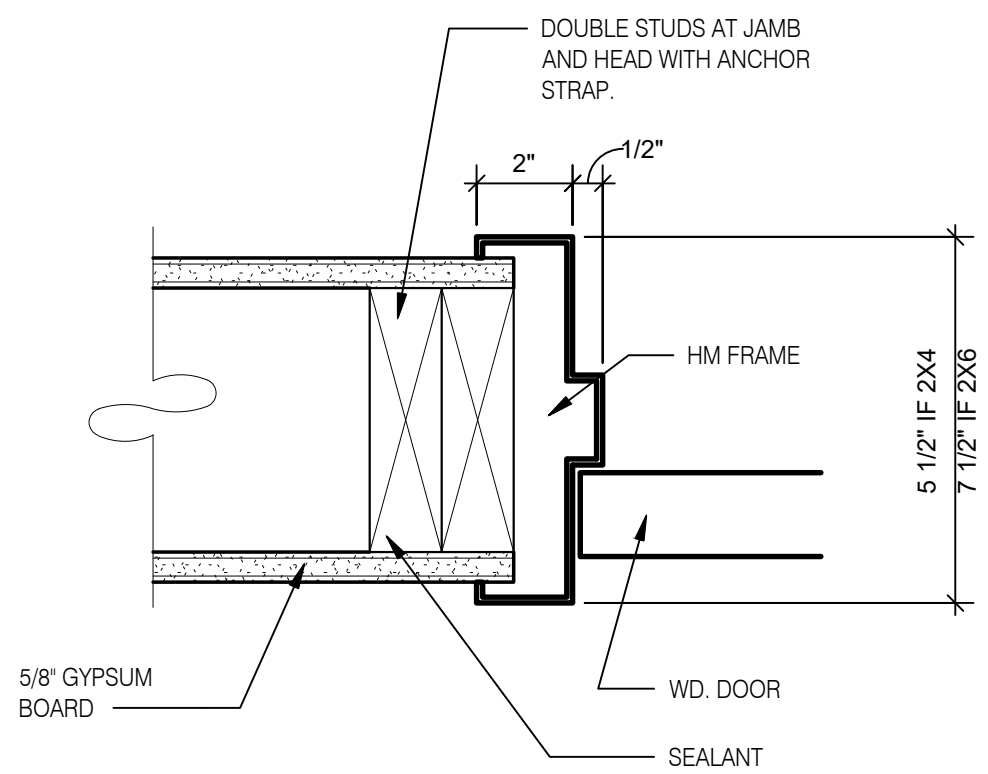
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CASED OPENING DETAIL

N.T.S.

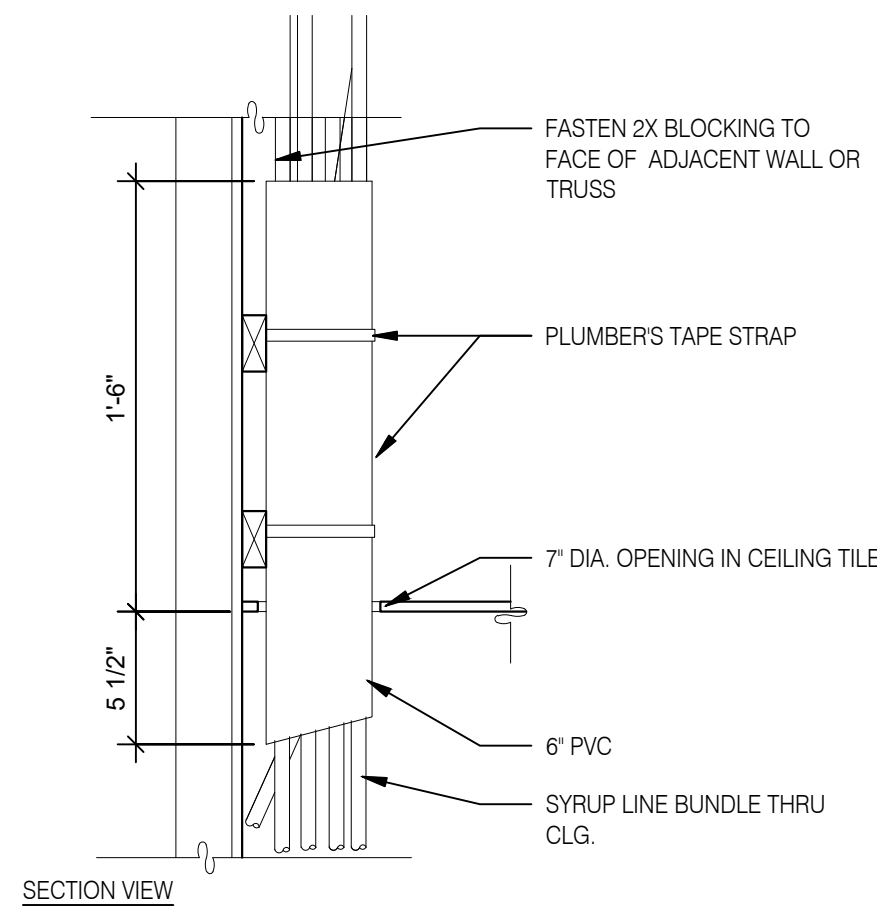
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HEAD/JAMB @ H.M. DOOR

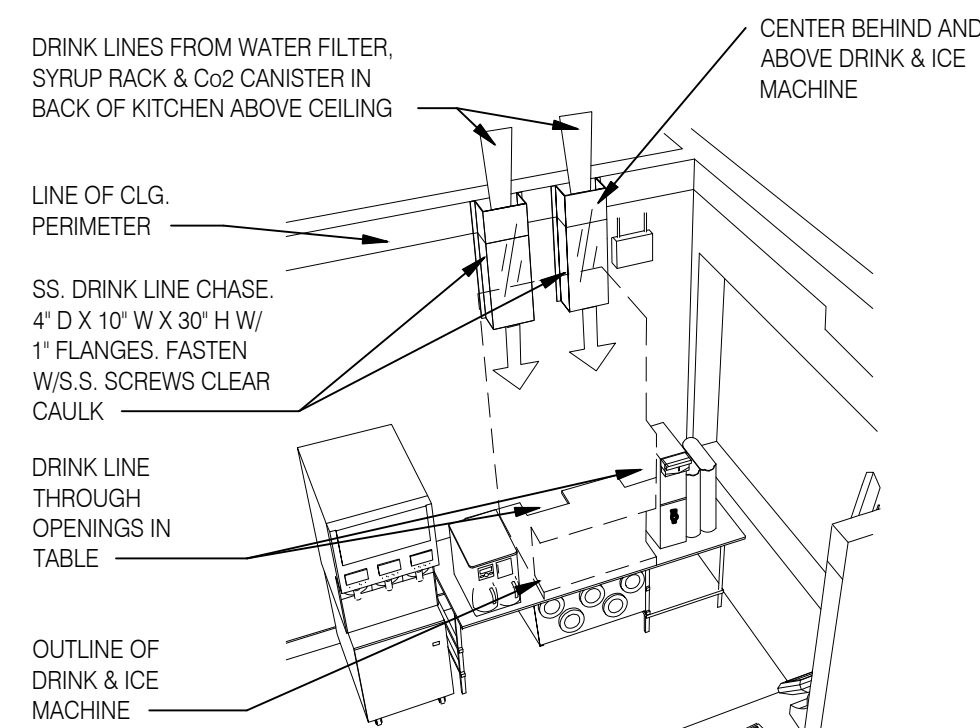
N.T.S.

6



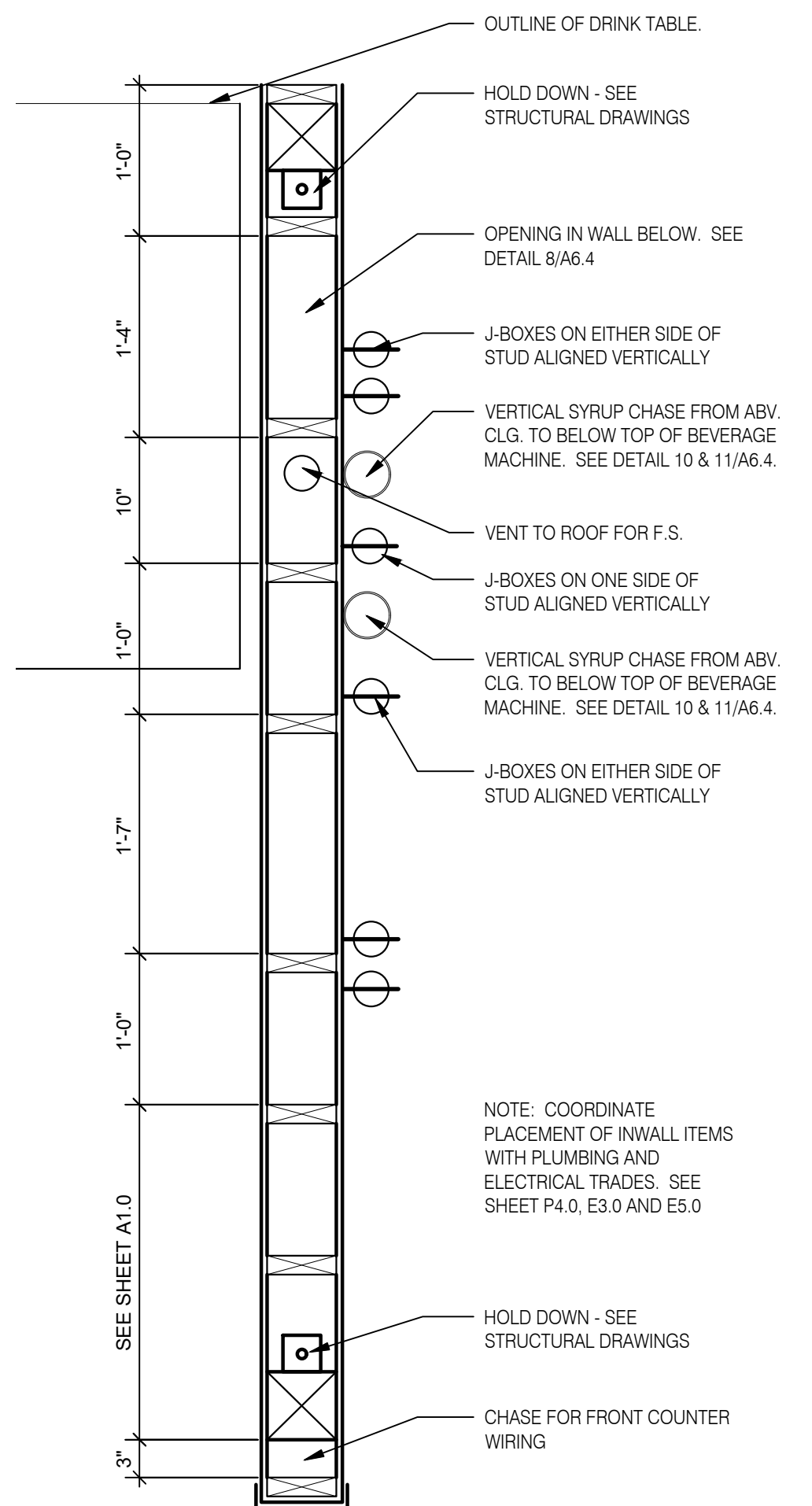
SYRUP BUNDLE CLG. 1 1/2" = 1'-0"

10



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

11



INTERIOR CHASE WALL

N.T.S.

7

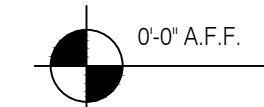
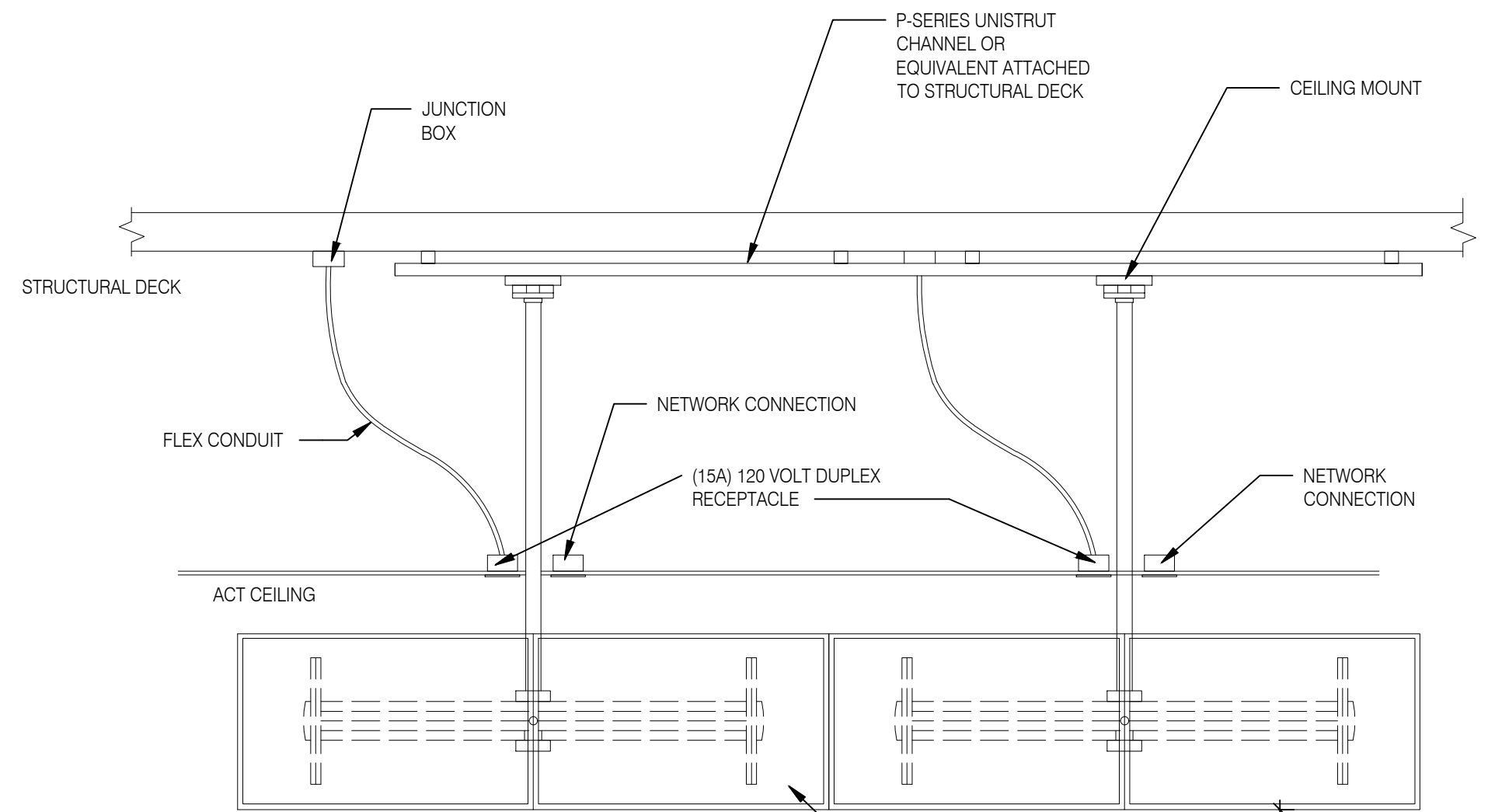
NOTES:

1. EC/GC TO INSTALL A TOTAL OS (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 NY/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	PIN/COCT	RECP TYPE	HGT AFF	REQUIREMENTS & REMARKS
4	MENUE BORAD - DIGITAL & MEDIA PLAYER	120/1 ISOLATED	20A	-----	-----	(4) IGS262	SEE PLAN	SEE LAYOUT AND NOTES



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

1



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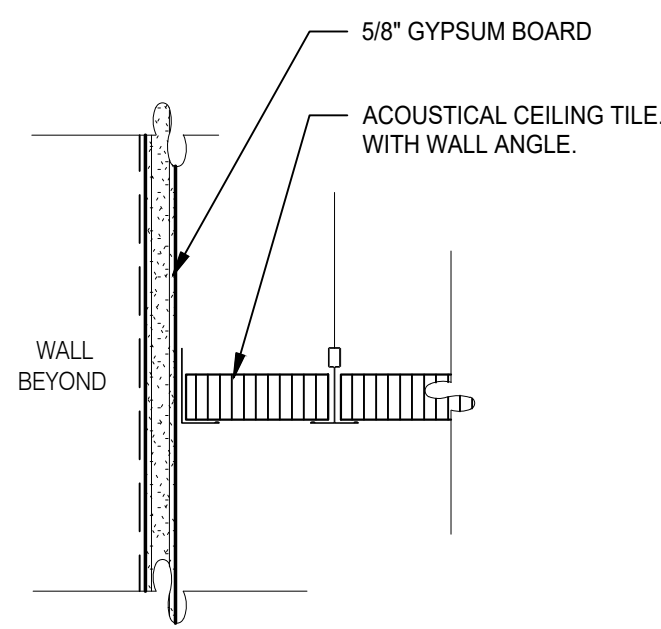
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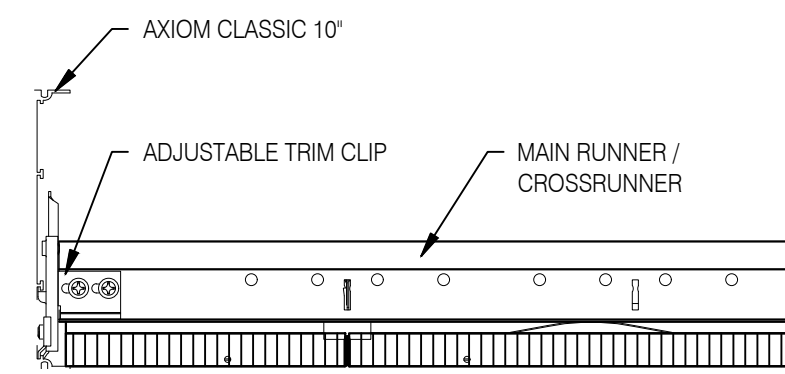
ENDEAVOR 2.0
CONSTRUCTION
DETAILS
INTERIOR

A6.4

PLOT DATE: 2/25/2022

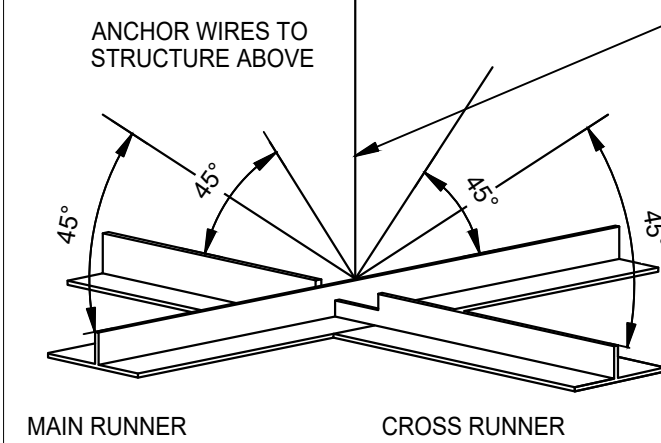


GYPSUM BOARD TRANSITION 3" = 1'-0" **17**



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

TO MAIN RUNNER WITHIN 2" OF CROSS RUNNER INTERSECTION AND SPAYED 90° FROM EACH OTHER AT ANGLE NOT TO EXCEED 45° FROM THE PLANE OF THE CEILING TYP. @ 12'-0" EA. WAY BEGINNING 6'-0" MAX. FROM WALL.

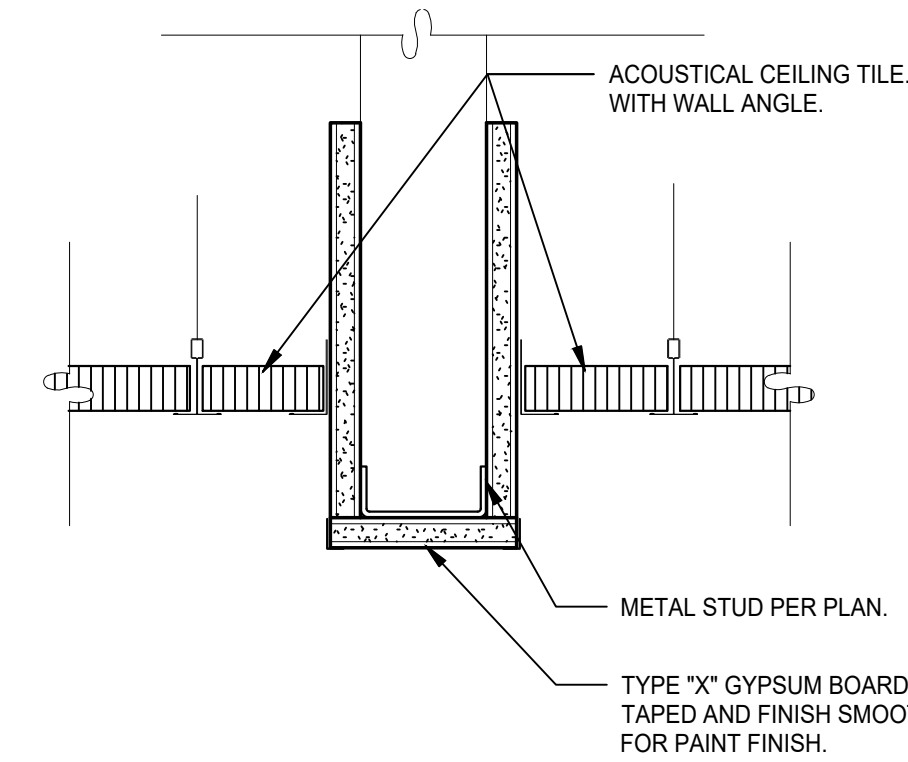


SUSPENDED ACOUSTICAL CEILING 3" = 1'-0" **9**

AT SUSPENDED CEILING: VERTICAL HANGER WIRE AT 4'-0" O.C. W/ (2) 1 1/2" x 9" GA. STAPLES @ LOOP & (1) ACROSS LAP. 3 FULL TURNS MINIMUM WITHIN 3" LENGTH

AT OPEN GRID: VERTICAL SUSPENSION WITH THREADED ROD PER OTHER DETAILS.

- NOTE:
- ALL WIRES 12 GA.
 - PROVIDE 6" CLEARANCE AT ALL PIPES & DUCTS, ETC.
 - BRACING WIRES MUST BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOADS, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.



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

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.

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

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: 0.064 IN. = 64 MILS: 1 MIL = 1/1000 IN.) MATERIAL THICKNESS IS THE MINIMUM BASE METAL THICKNESS IN MILS. MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

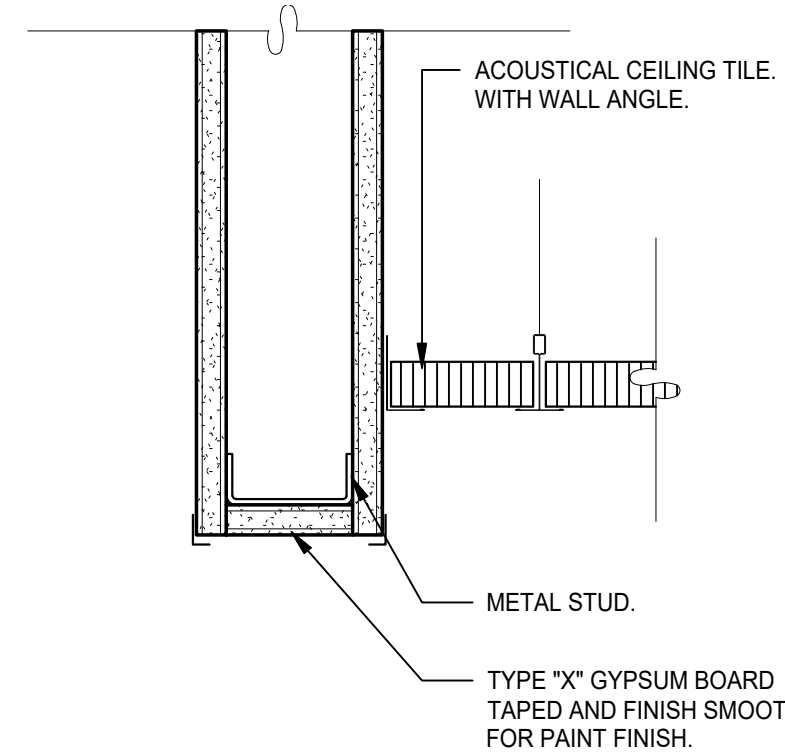
CEILING SPAN TABLE NOTES:

- 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.

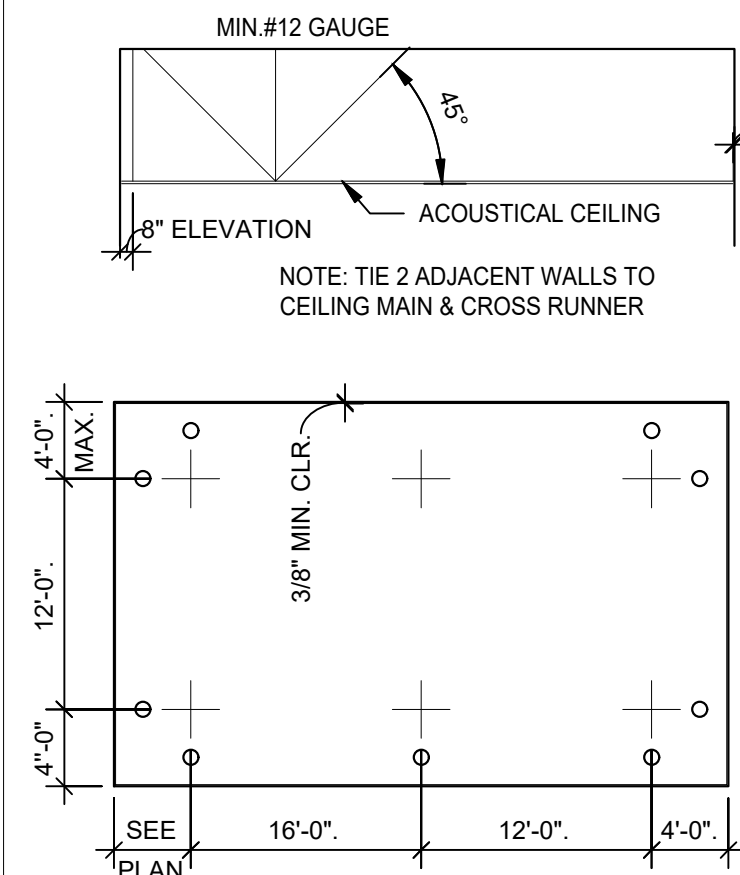
SECTION:	(MIL)	4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE UNSUPPORTED					
		JOIST SPACING (IN.) O.C.			MID-SPAN JOIST SPACING (IN.) O.C.		
		12"	16"	24"	12"	16"	24"
362S125	18	9'-3"	8'-7"	7'-7"	12'-8"	11'-7"	10'-0"
362S125	27	10'-8"	9'-10"	8'-10"	15'-0"	13'-11"	12'-4"
362S125	30	11'-0"	10'-2"	9'-1"	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'-1"	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

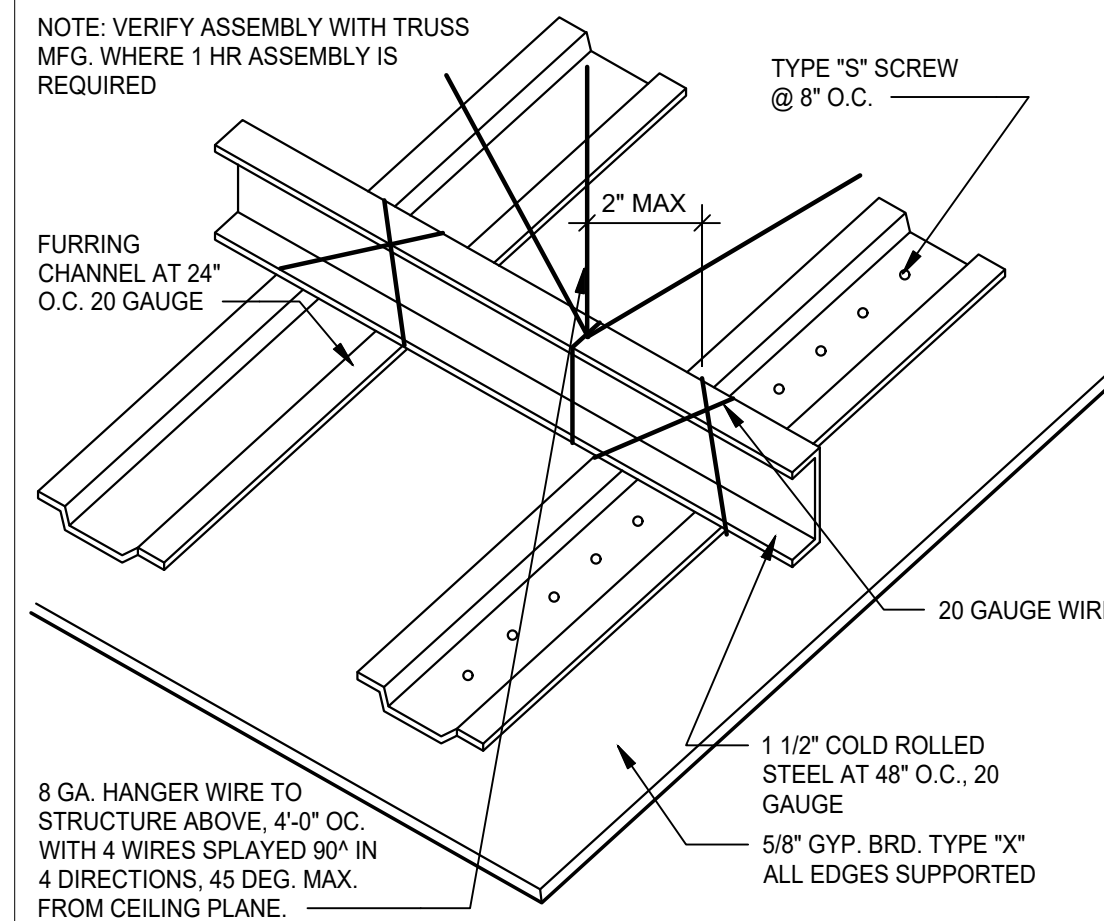
ALLOWABLE CEILING SPANS-L/240 12" = 1'-0" **3**



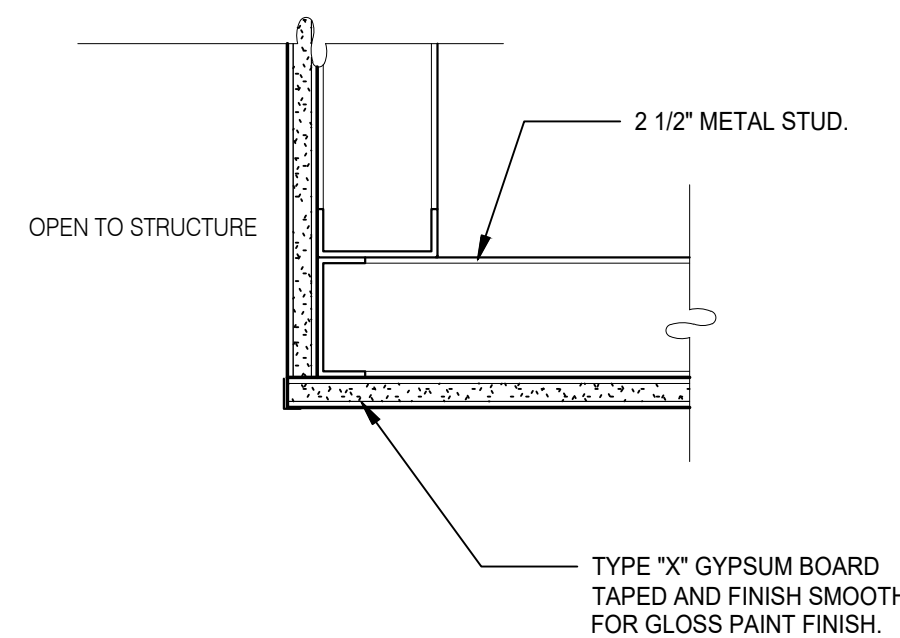
CEILING HEADER TRANSITION 3" = 1'-0" **14**



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



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

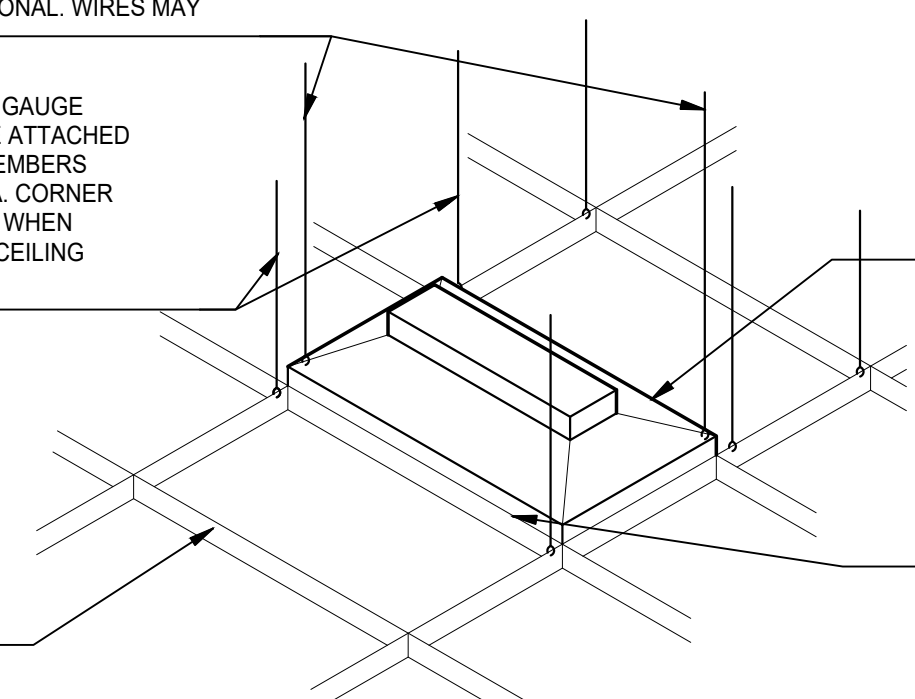


CEILING TRANSITION 3" = 1'-0" **11**

TWO (2) NO. 12 GAUGE WIRES MUST BE SECURED FROM LIGHT & MECHANICAL FIXTURES AT OPPOSING CORNERS ALONG THE FIXTURE'S DIAGONAL. WIRES MAY BE SLACK.

FOUR (4) NO. 12 GAUGE WIRES MUST BE ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EA. CORNER OF EA. FIXTURE WHEN INTERMEDIATE CEILING SYSTEMS ARE USED.

SUSPENDED CEILING GRID



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

LATERAL FORCE BRACING MEMBERS MUST BE SPACED A MINIMUM OF 6" FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZ. FORCES. BRACING WIRES MUST BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOADS, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

LIGHT FIXTURE (LESS THAN 56 LBS.)

PROVIDE MINIMUM OF 2 SCREWS AT OPPOSIT CORNERS OF SUPPORT WIRES, OR SCREW ON T-BAR SAFETY CLIPS AT SIDES OR ENDS.



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TACO, L.L.C.

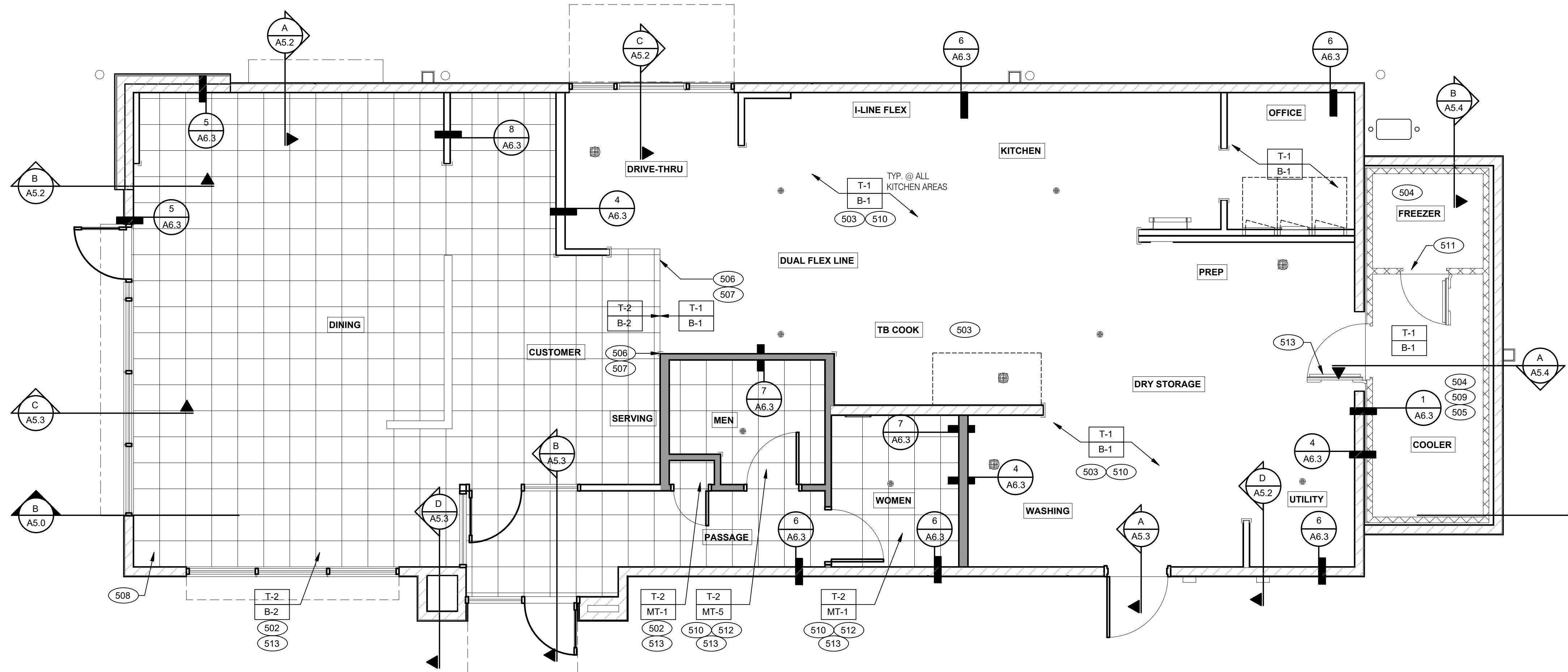
6305 Highland Road (M-59)
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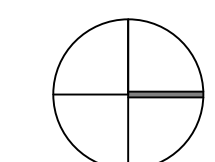
ENDEAVOR 2.0
CEILING
DETAILS

A6.5

PLOT DATE: 2/25/2022



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



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

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.

NOT USED

D

FLOOR FINISH NOTES

C

KEY NOTES

B



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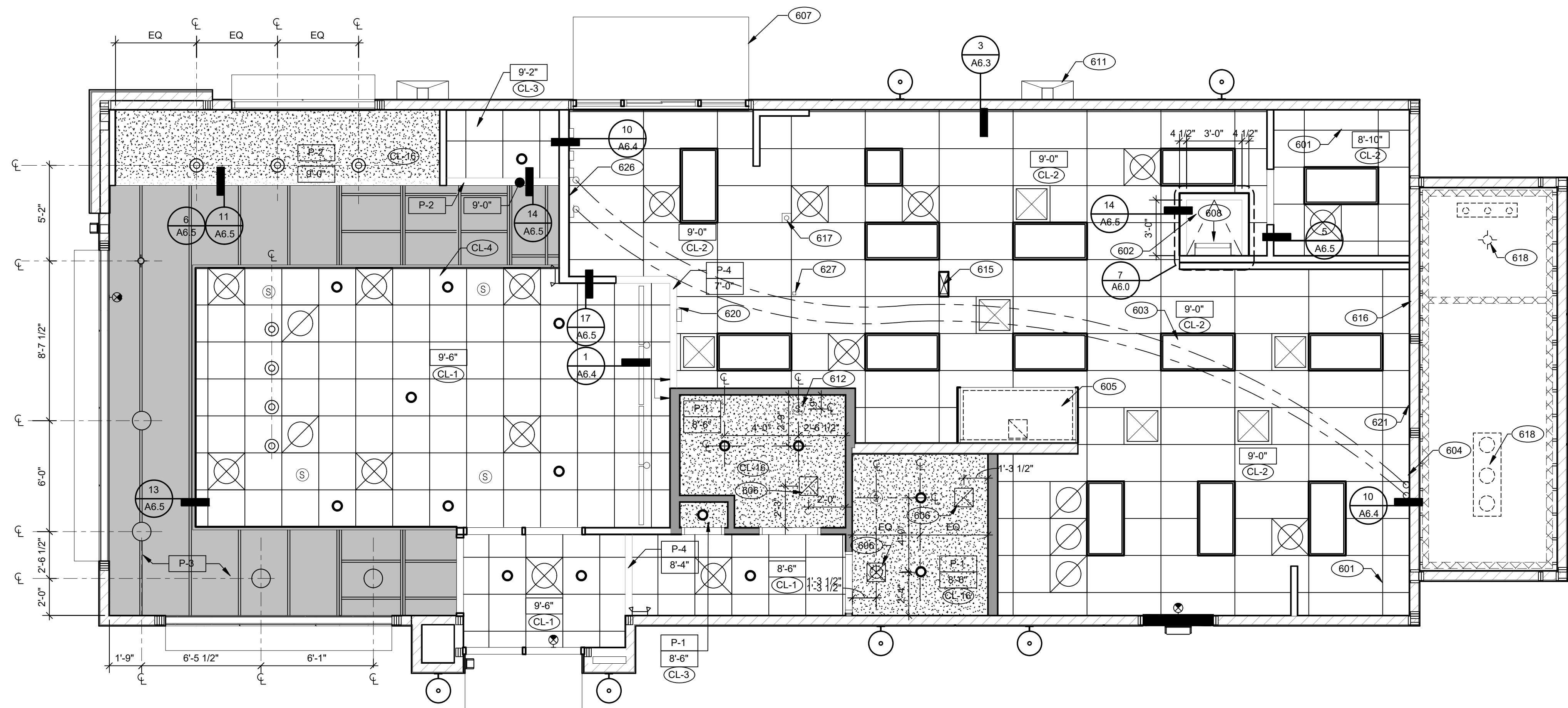
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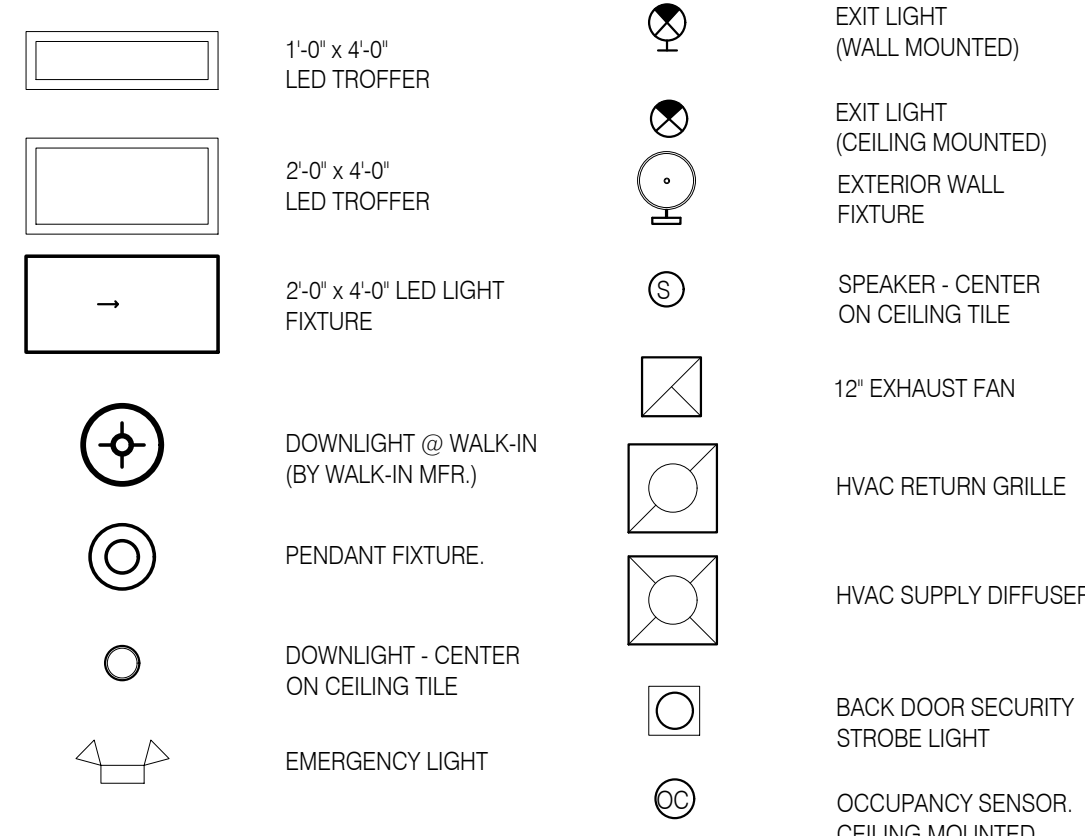
ENDEAVOR 2.0
FLOOR FINISH
PLAN

A7.0

PLOT DATE: 2/25/2022



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



CEILING SYMBOL LEGEND **D**

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.

GYPSUM 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.

REFLECTED CEILING PLAN NOTES **C**

- 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**



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PROJECT # 20023

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PA/PM:

DRAWN BY.:

JOB NO.:

GREAT LAKES
TACO, L.L.C.

6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
REFLECTED
CEILING PLAN

A7.1

PLOT DATE: 2/25/2022

FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
CEILING						
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			
CHAIR RAIL						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
FLOOR BASE						
B-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURERS 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	
FLOORING						
T-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURERS 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	
FRP/LAMINATE						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/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, RR/UTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
CORNER GUARDS						
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
METAL TRANSITION						
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
SOLID SURFACE						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
WALL COVERING						
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.
WALL PAINT						
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGG SHELL 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	
WALL TILE						
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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FINISH CONTACTS

N.T.S.

C

NOT USED

A



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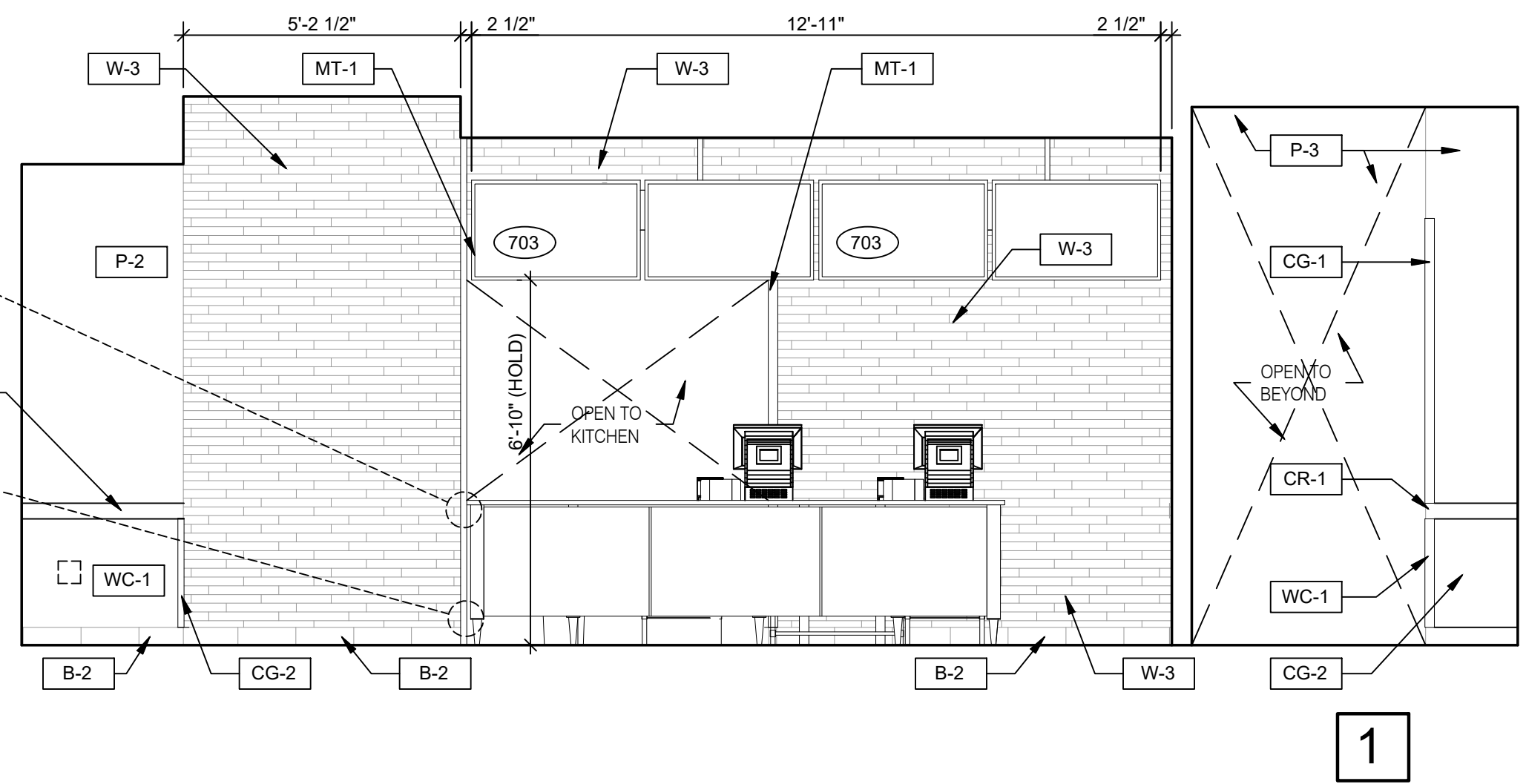
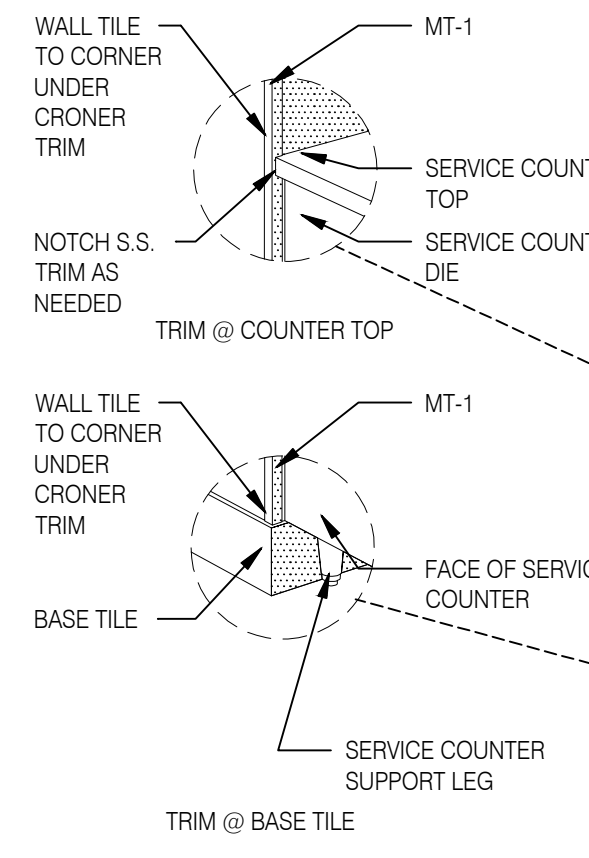
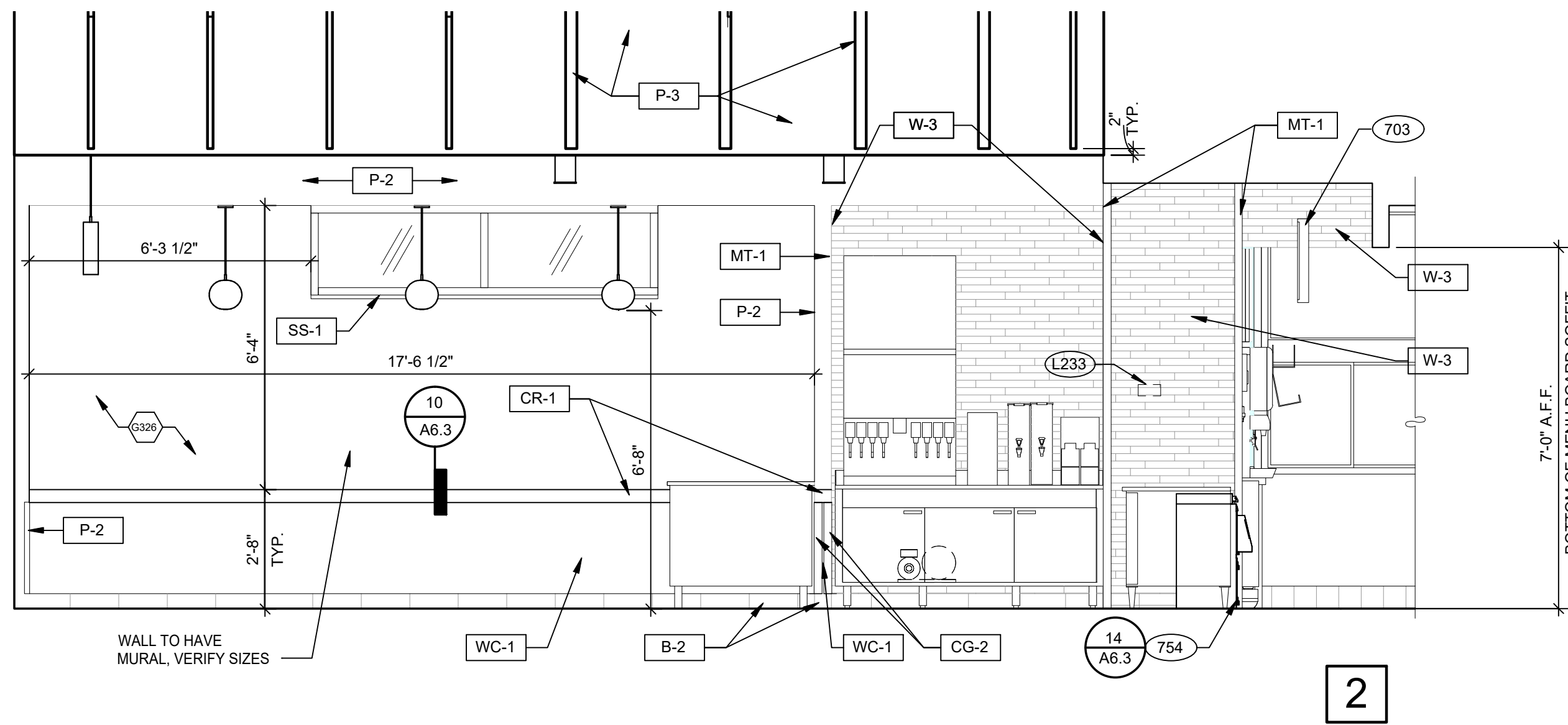
ENDEAVOR 2.0
FINISH
SCHEDULE

A7.2

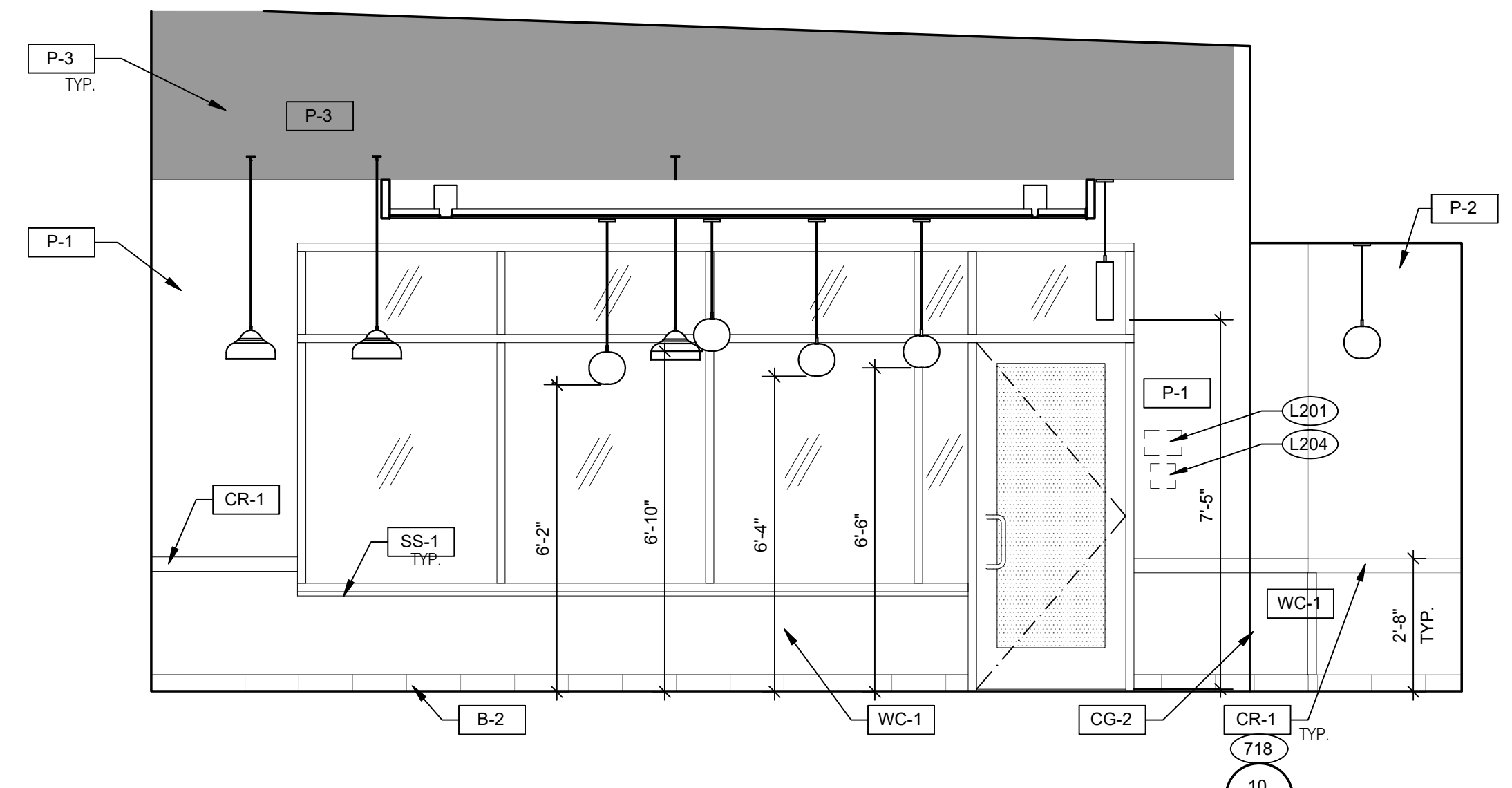
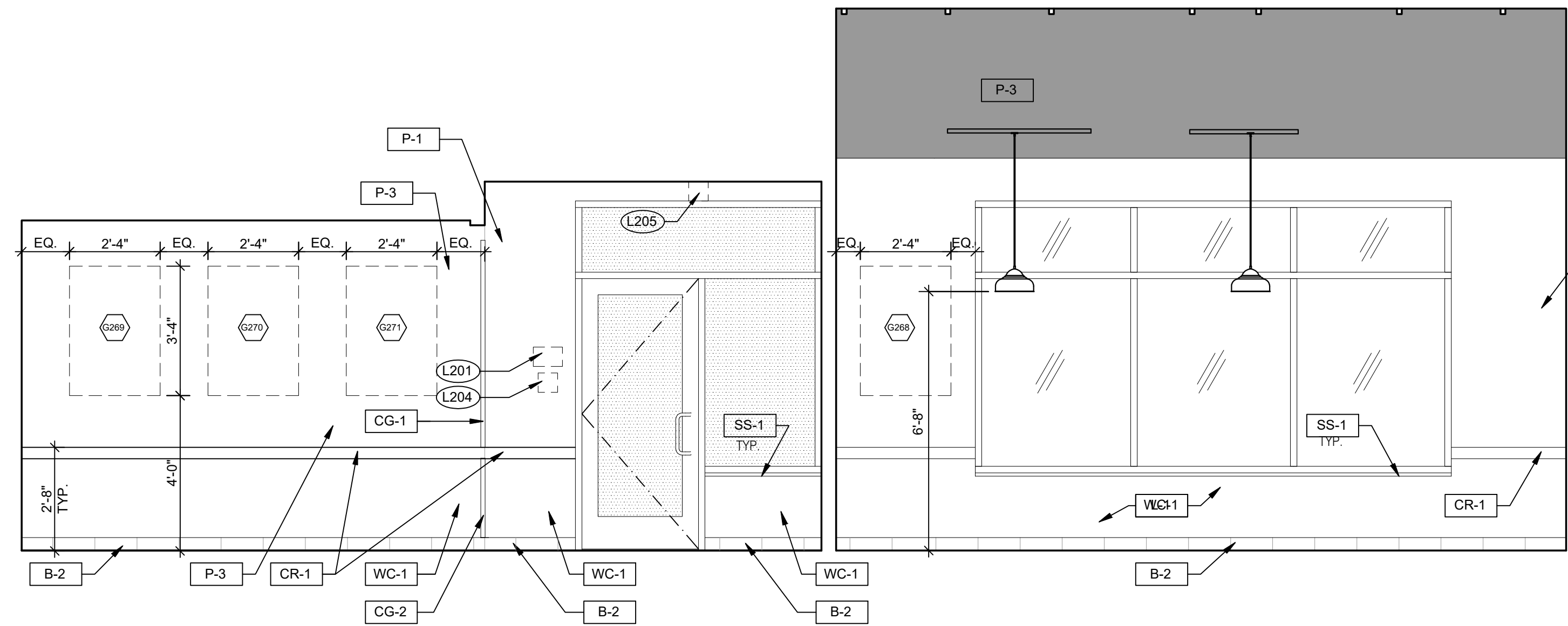
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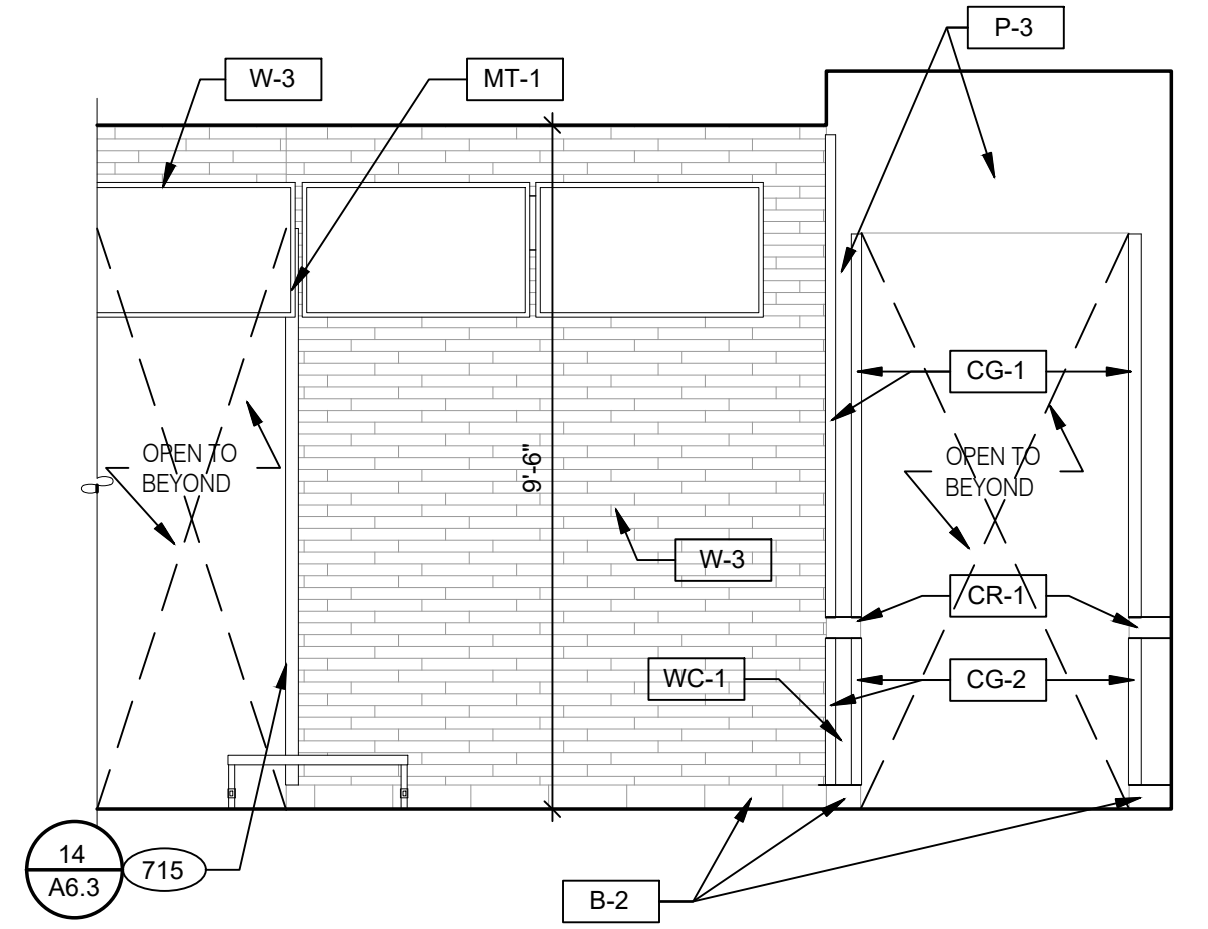
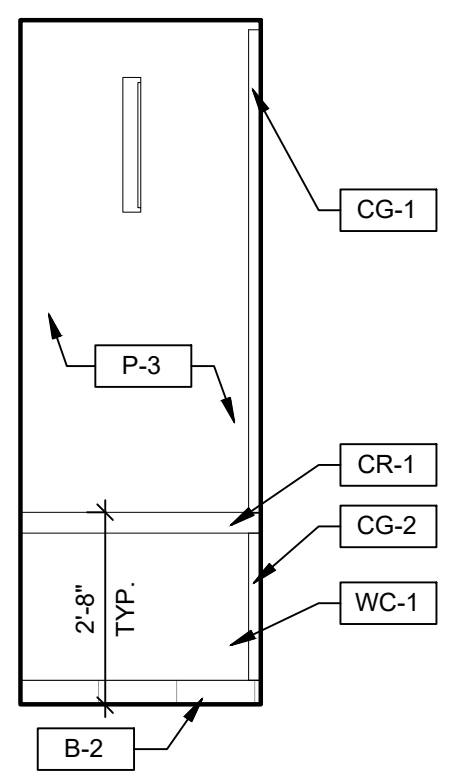
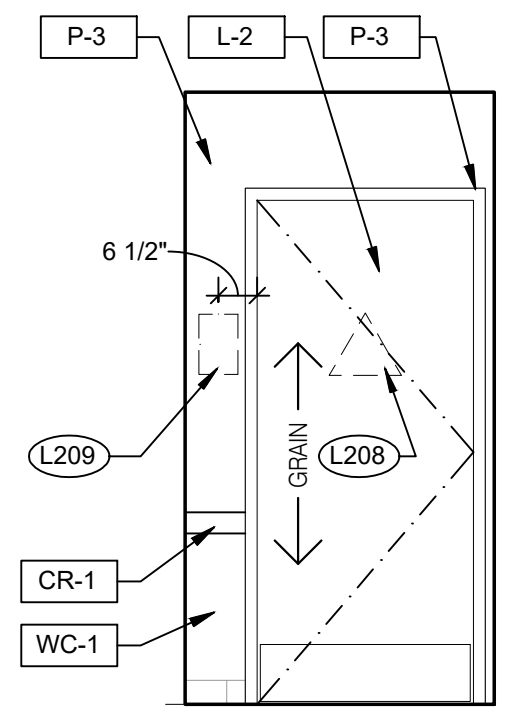
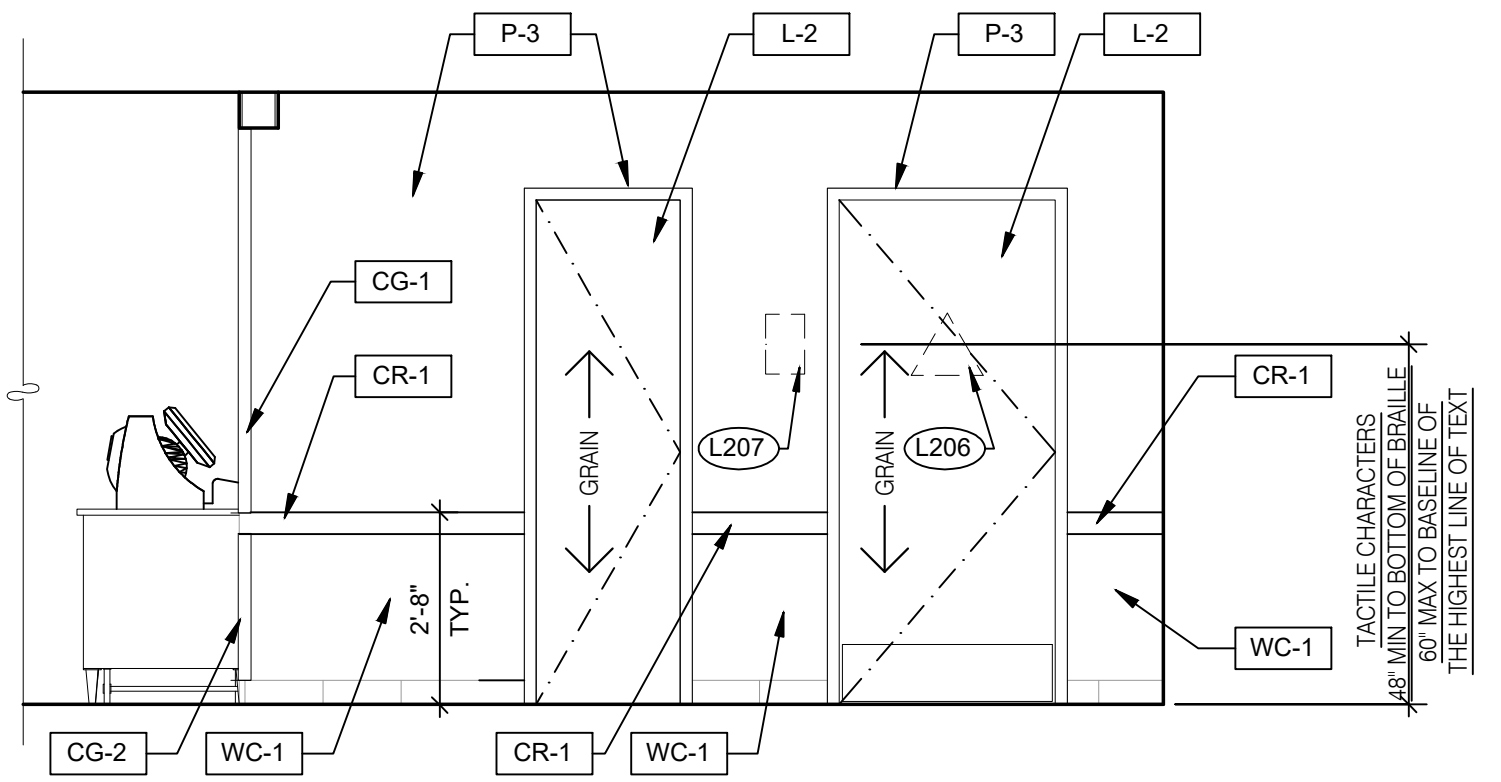
B



DINING 3/8" = 1'-0"



DINING 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

PASSAGE 3/8" = 1'-0"

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



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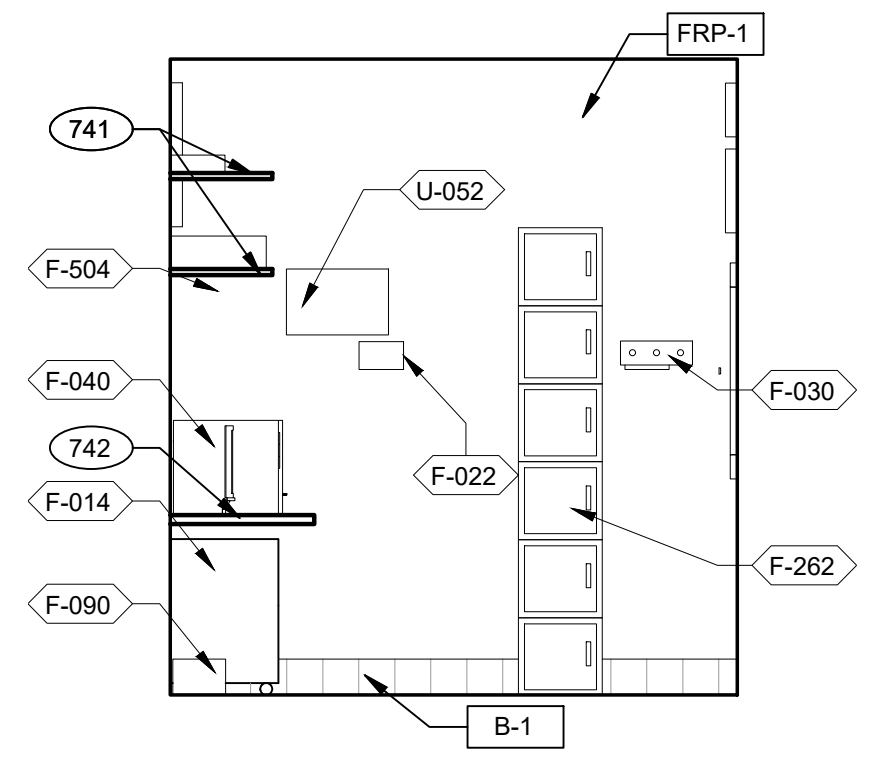
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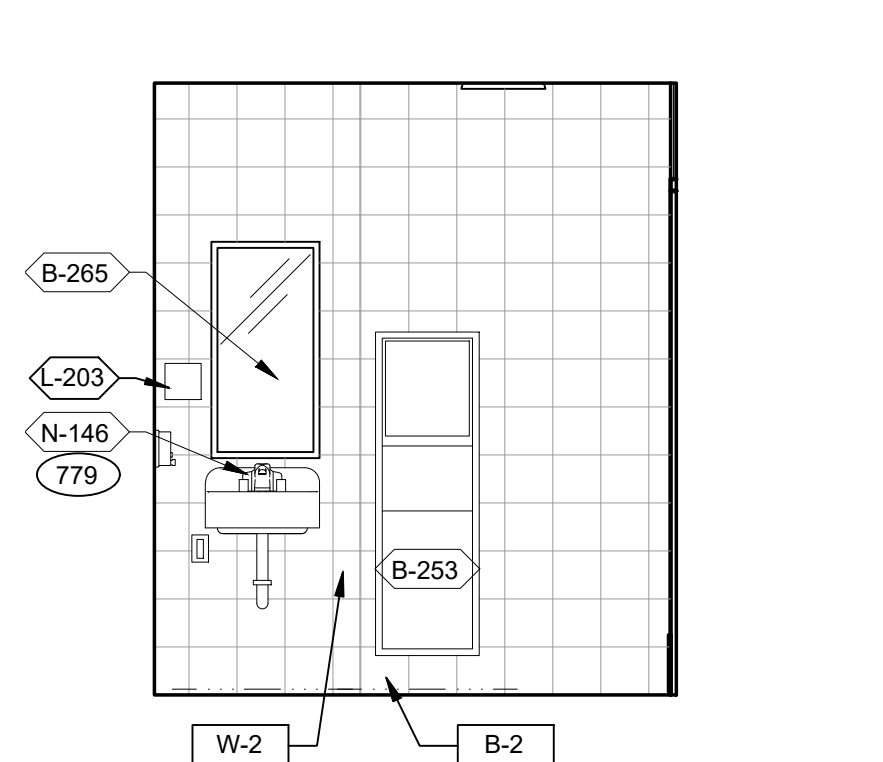
ENDEAVOR 2.0
INTERIOR
ELEVATIONS
DINING ROOM

A8.0

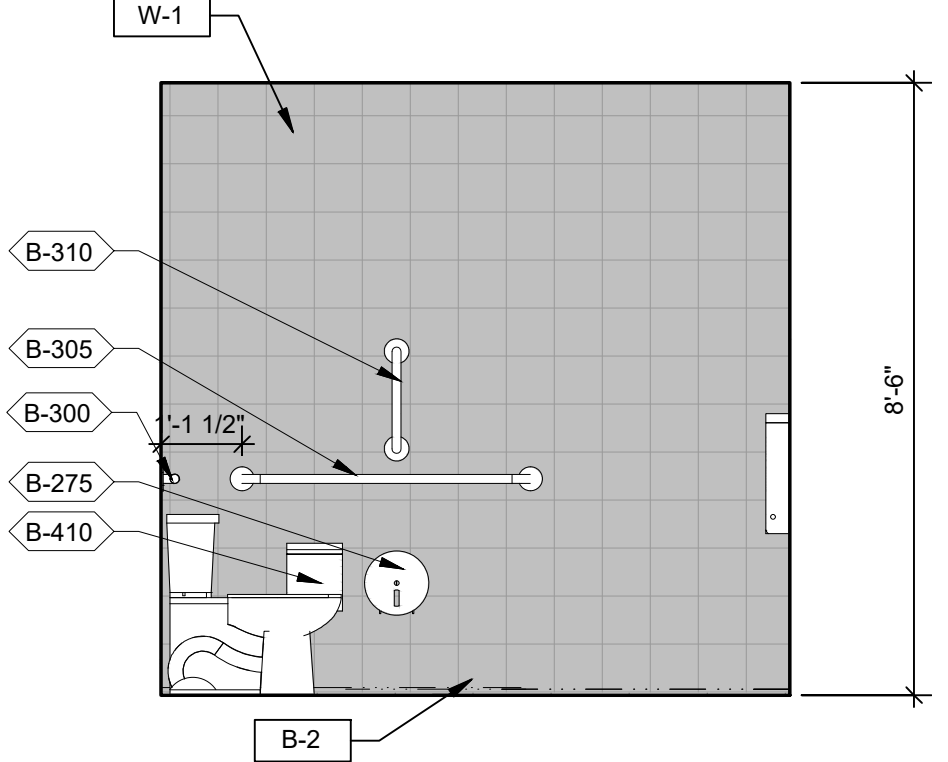
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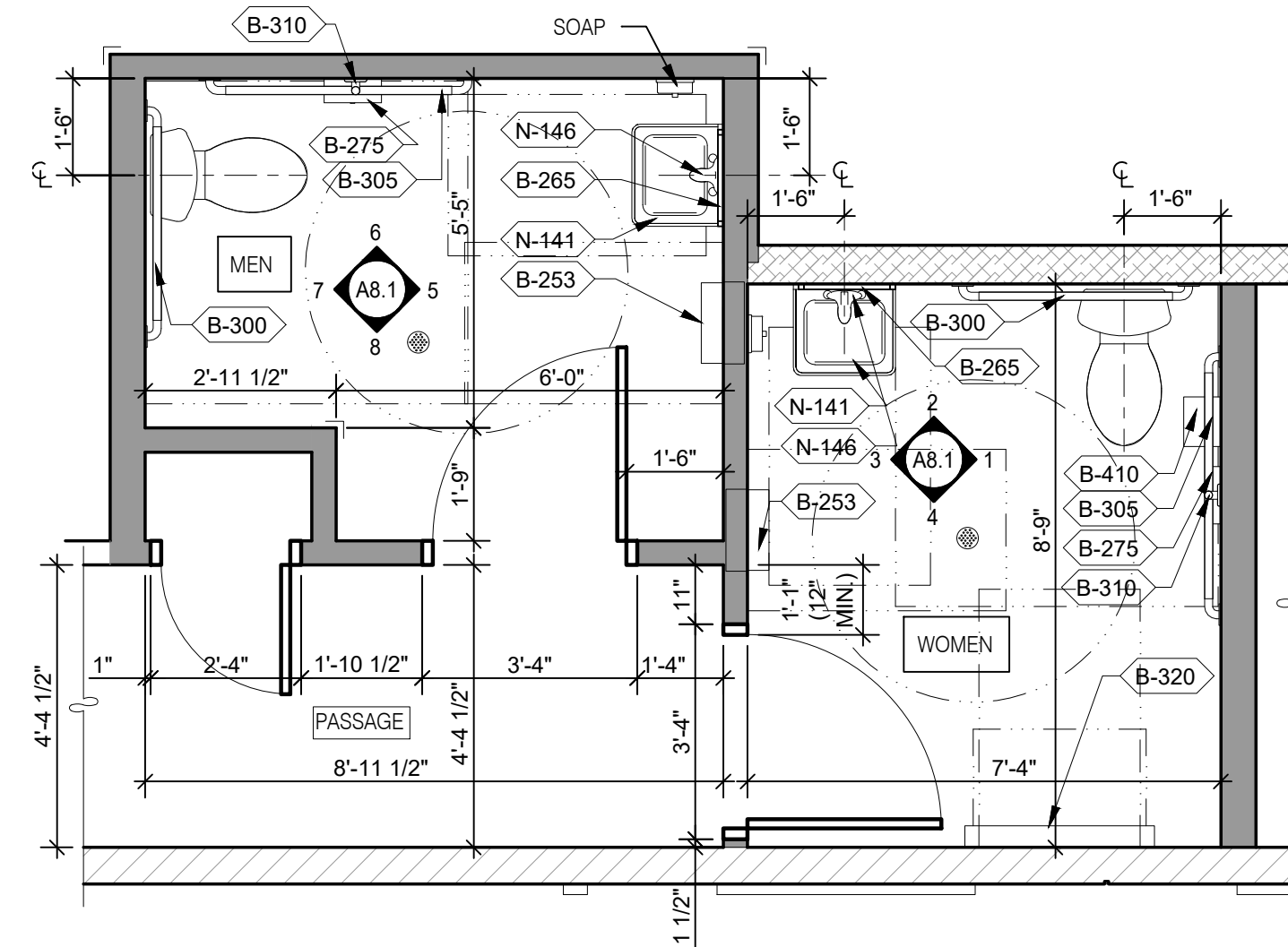
OFFICE ELEVATION 3/8" = 1'-0" **9**



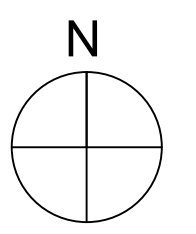
MEN'S RESTROOM 3/8" = 1'-0" **5**



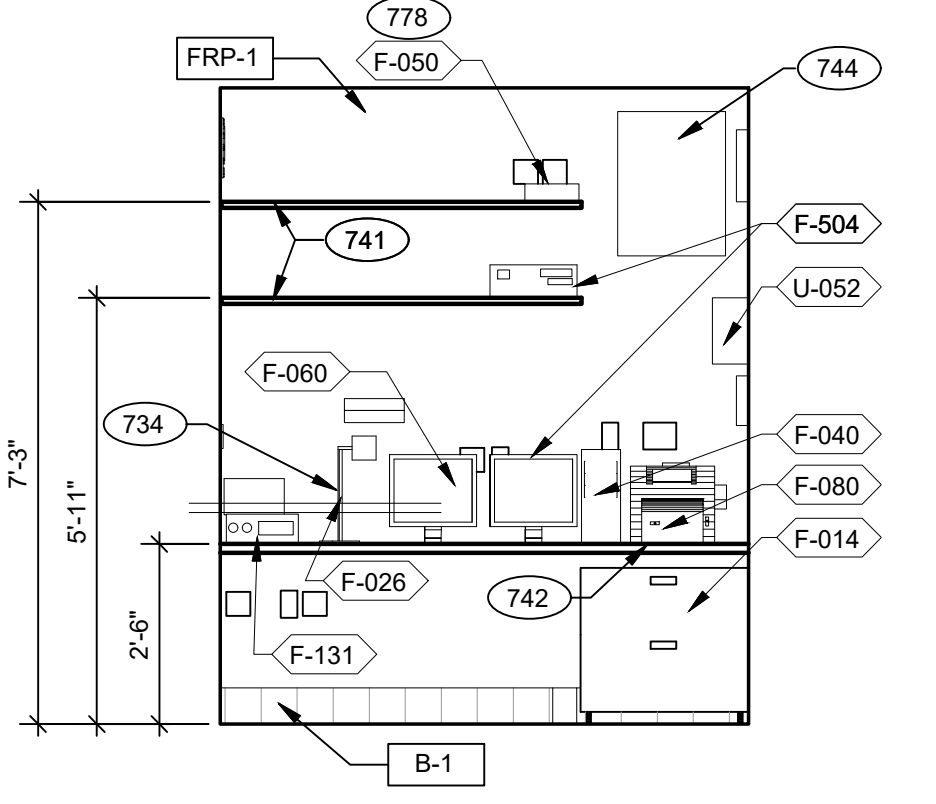
WOMEN'S RESTROOM 3/8" = 1'-0" **1**



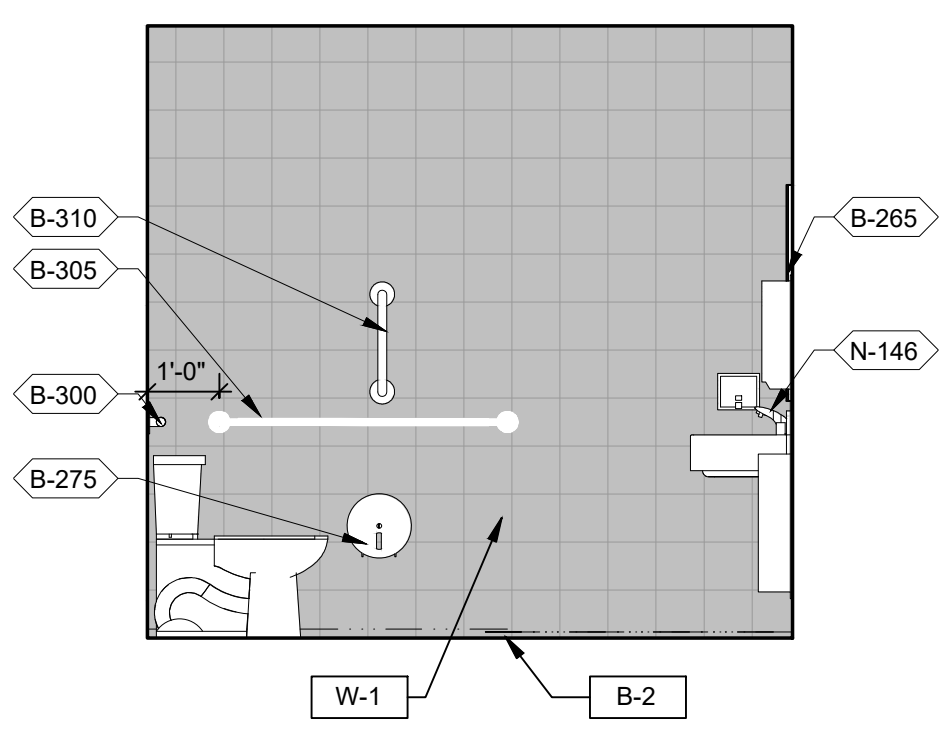
- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
 - B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0
 - C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
 - D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES 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.



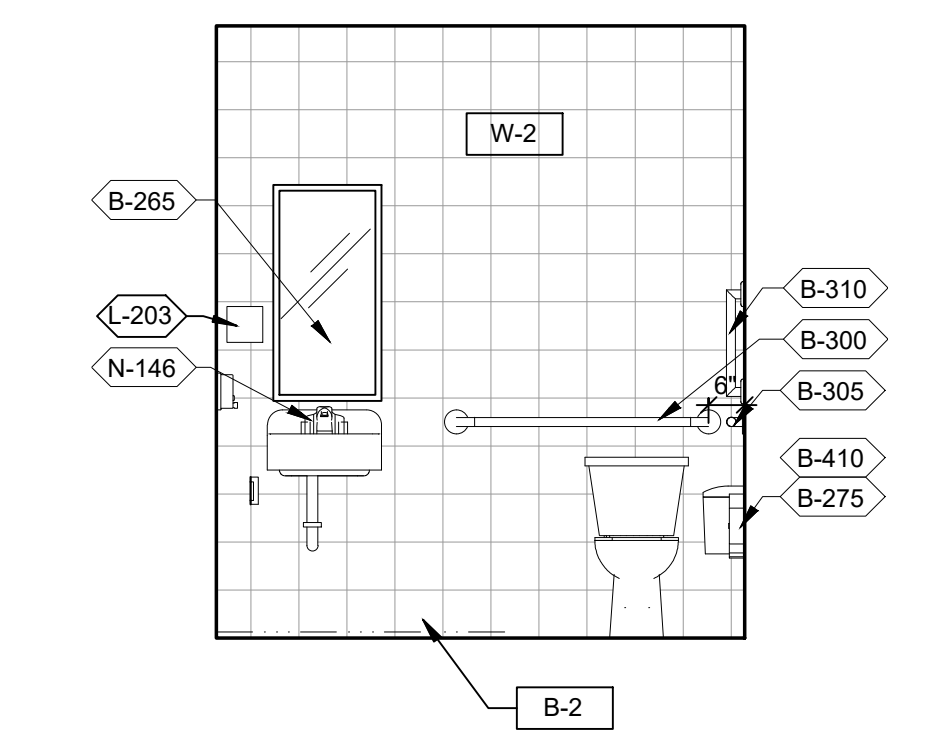
ENLARGED RESTROOM / GENERAL NOTES 3/8" = 1'-0" **A**



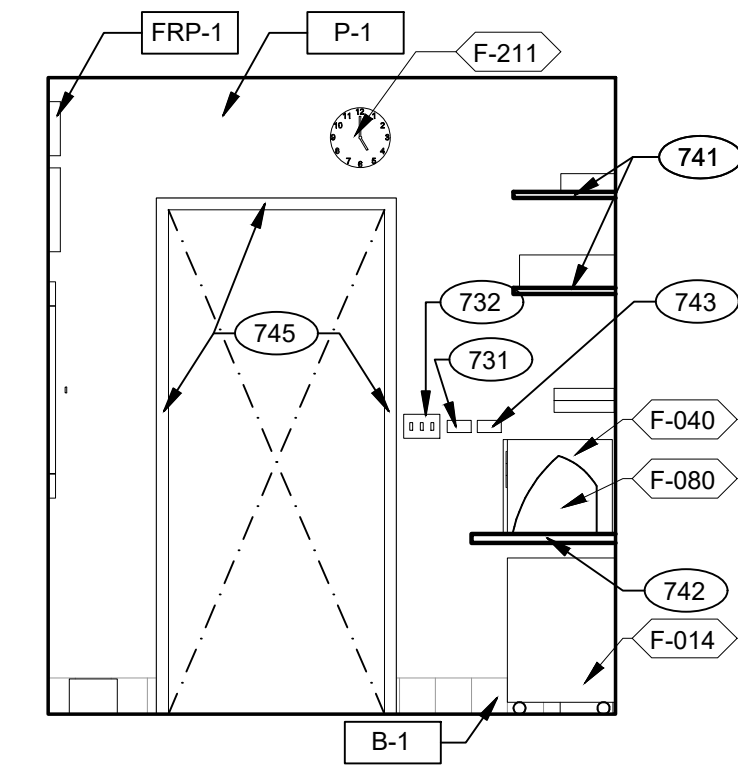
OFFICE ELEVATION 3/8" = 1'-0" **10**



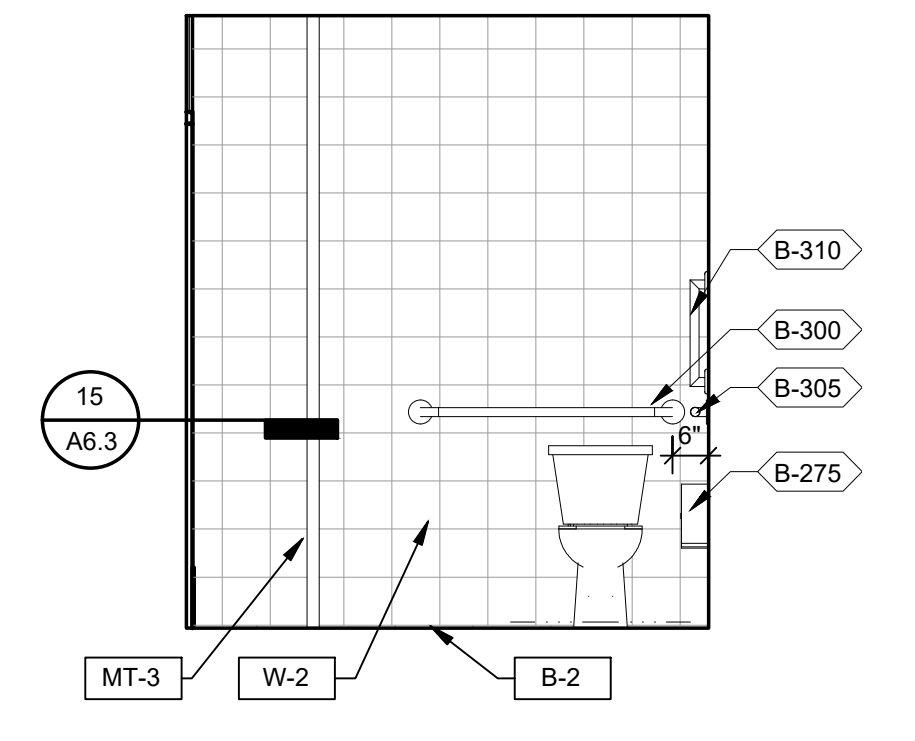
MEN'S RESTROOM 3/8" = 1'-0" **6**



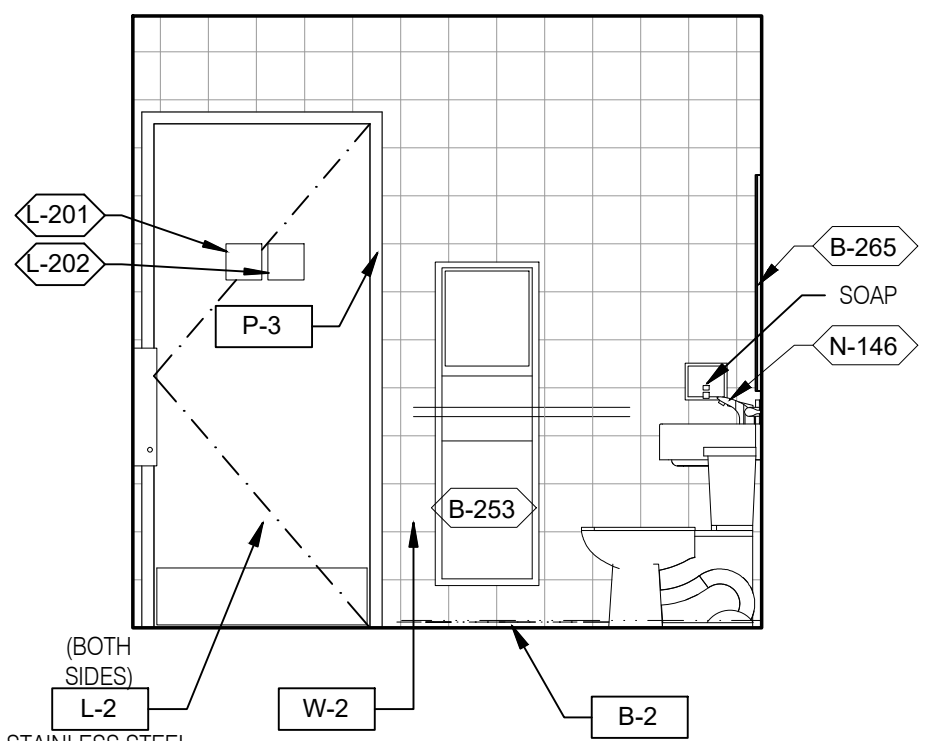
WOMEN'S RESTROOM 3/8" = 1'-0" **2**



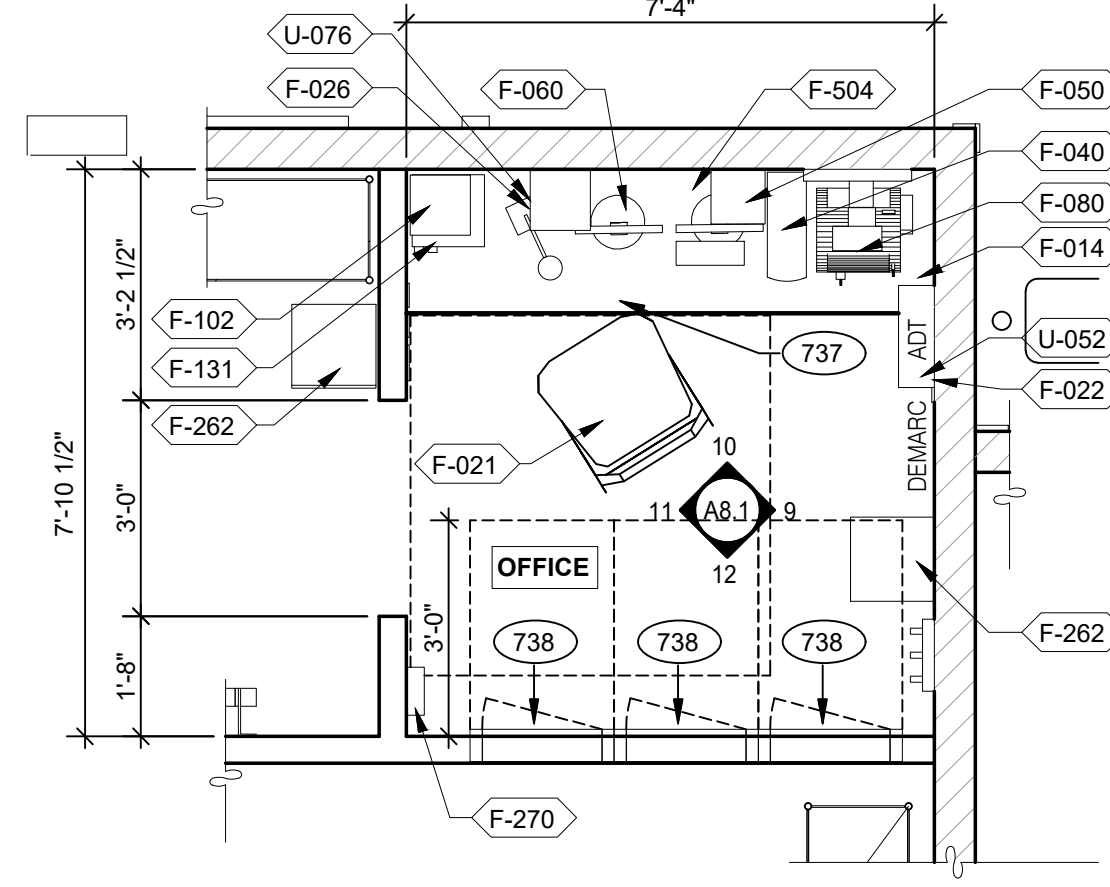
OFFICE ELEVATION 3/8" = 1'-0" **11**



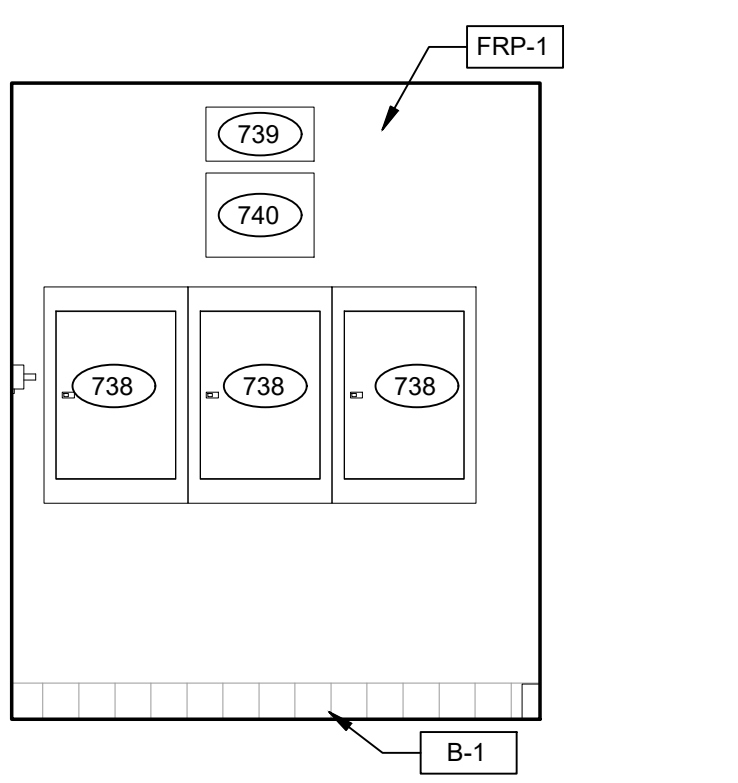
MEN'S RESTROOM 3/8" = 1'-0" **7**



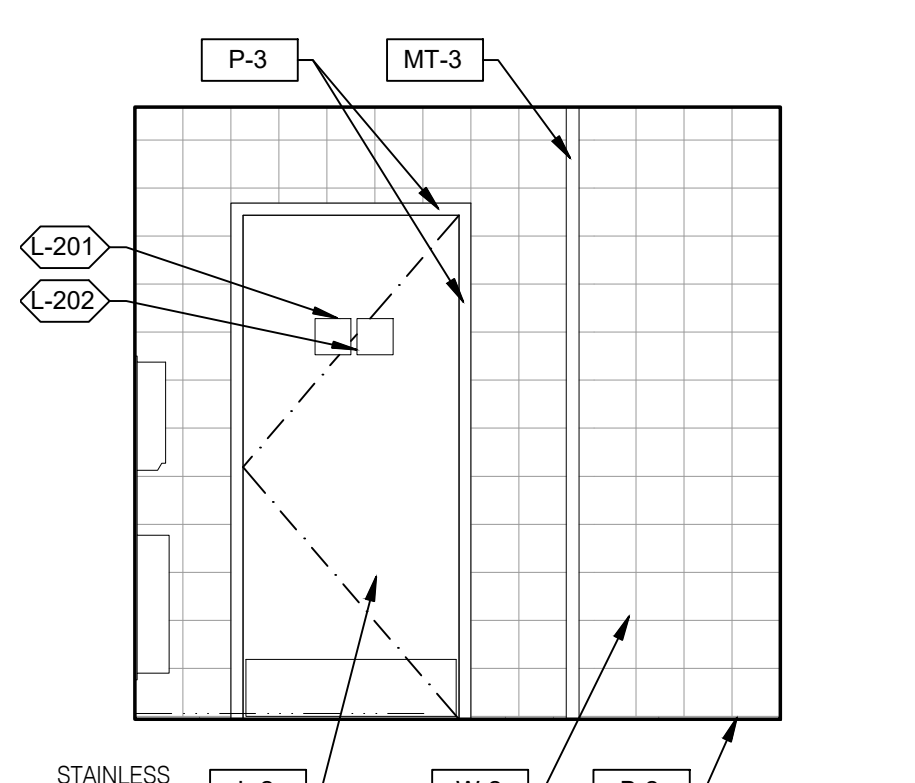
WOMEN'S RESTROOM 3/8" = 1'-0" **3**



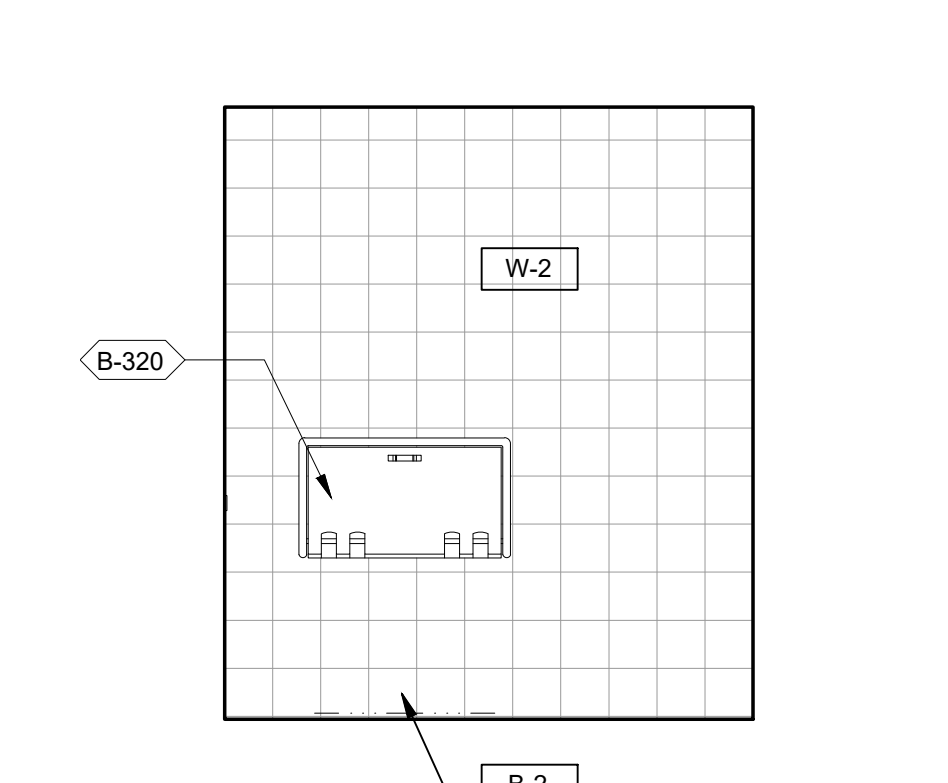
OFFICE PLAN 3/8" = 1'-0" **B**



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 SS CORNER/END WALL CHANNEL GUARD, FRAME OPENING.
- 778 PROVIDE POWER FOR F-050.
- 779 PROVIDE POWER FOR N-146.

KEYNOTES **C**



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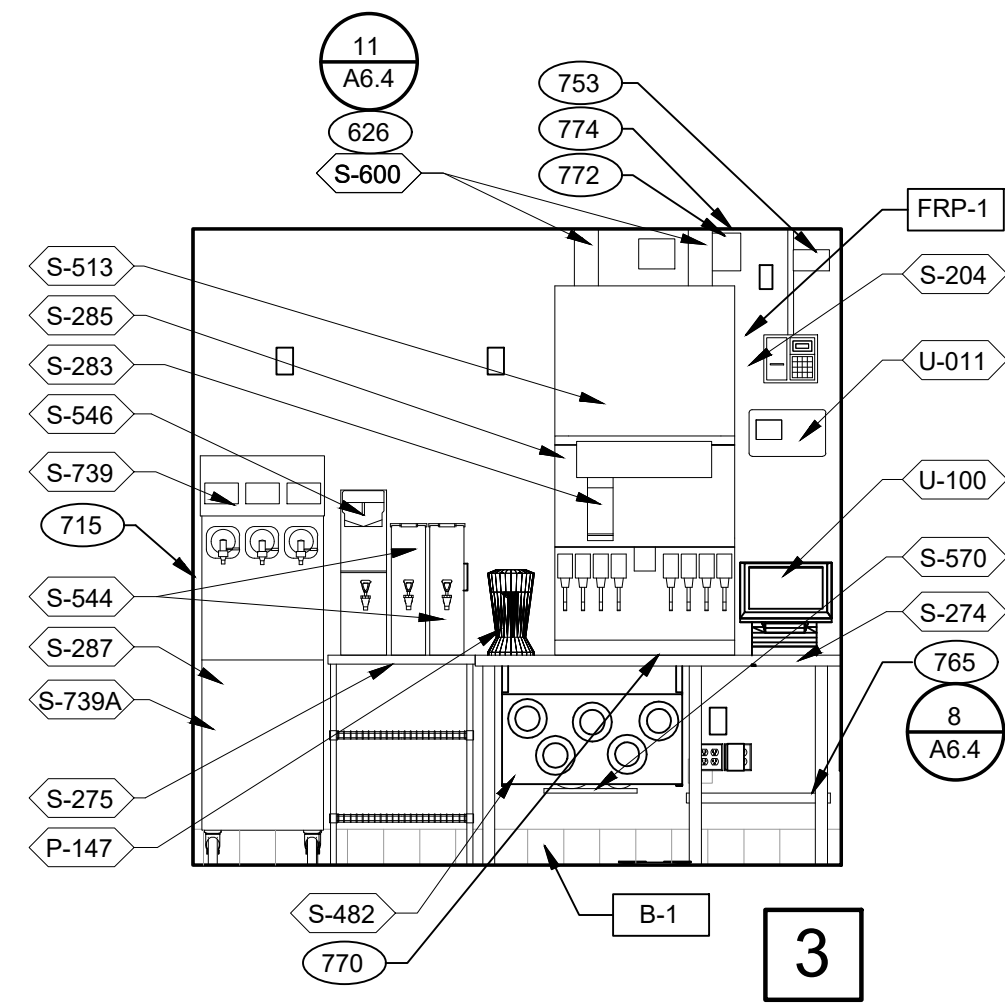
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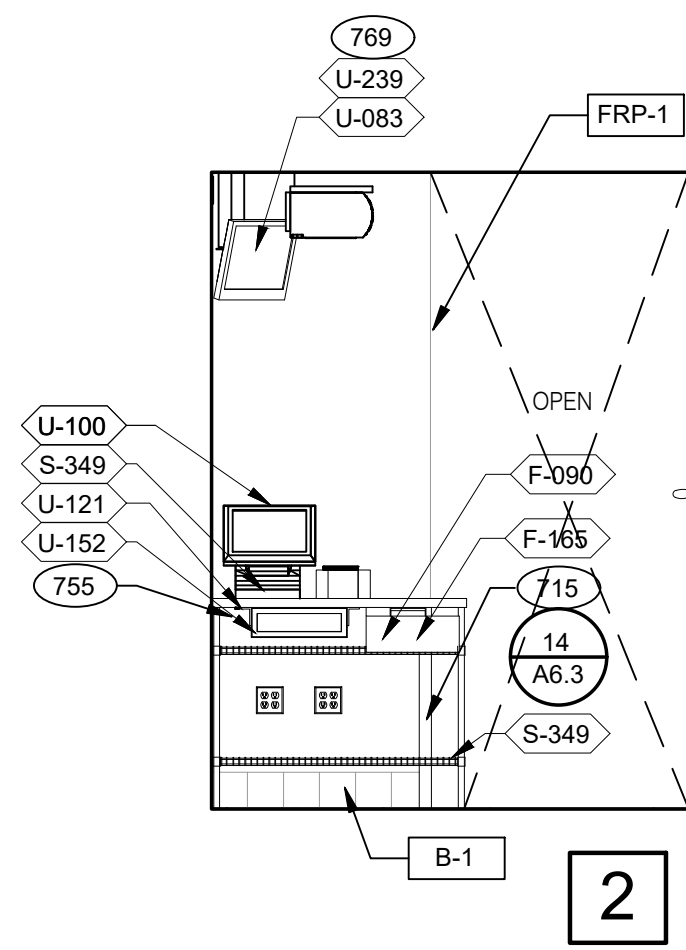
ENDEAVOR 2.0
INTERIOR ELEV.
ENLARGED
RESTROOMS &
OFFICE PLAN

A8.1

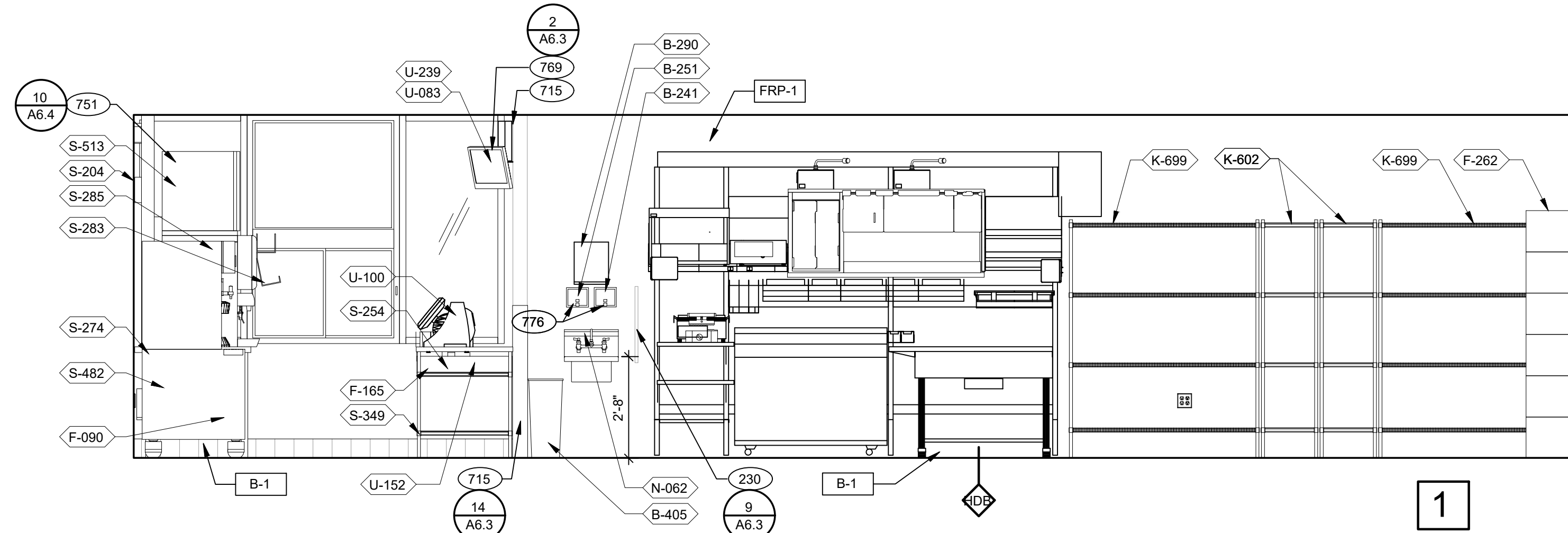
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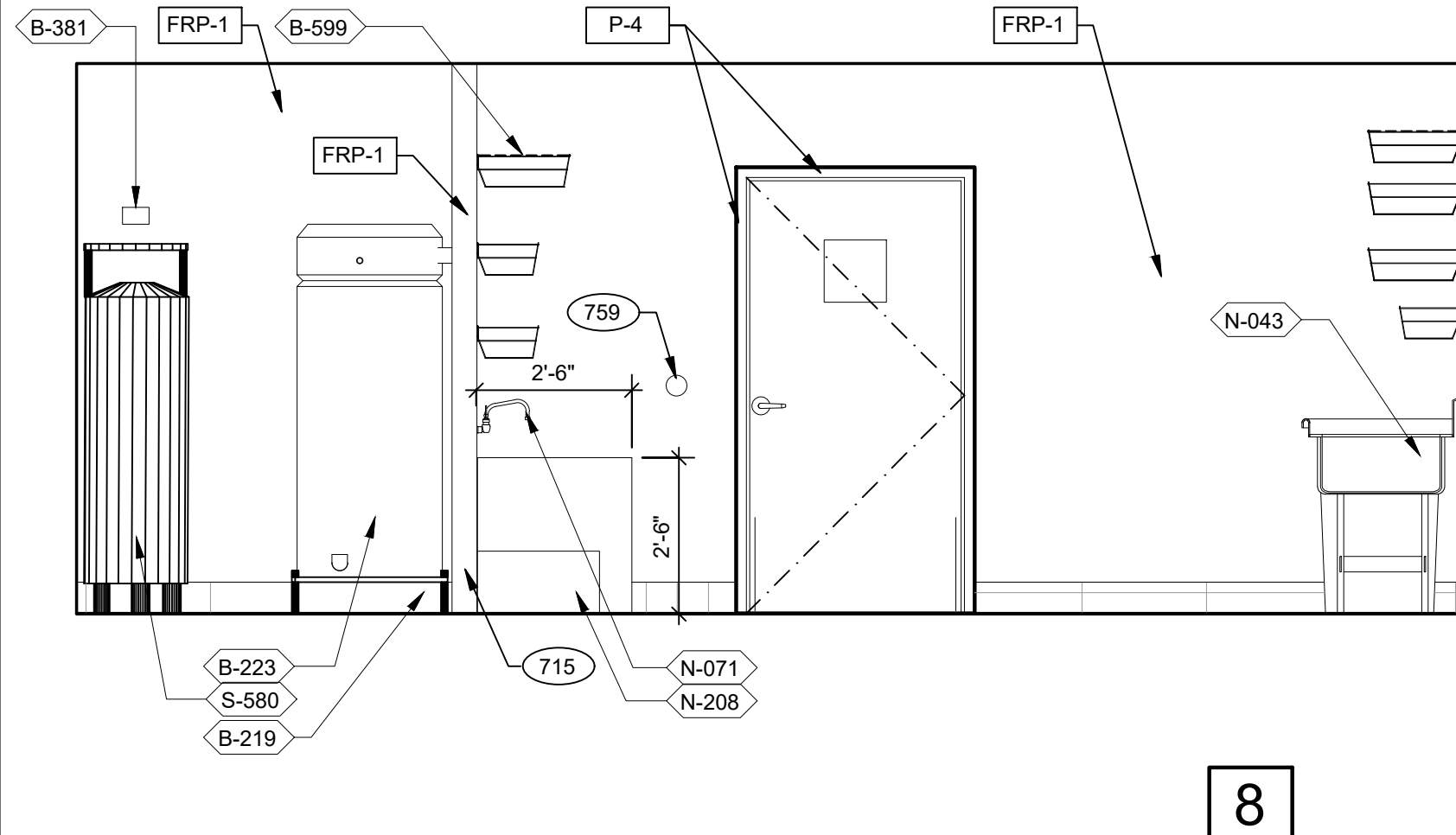
DRIVE-THRU 3/8" = 1'-0"



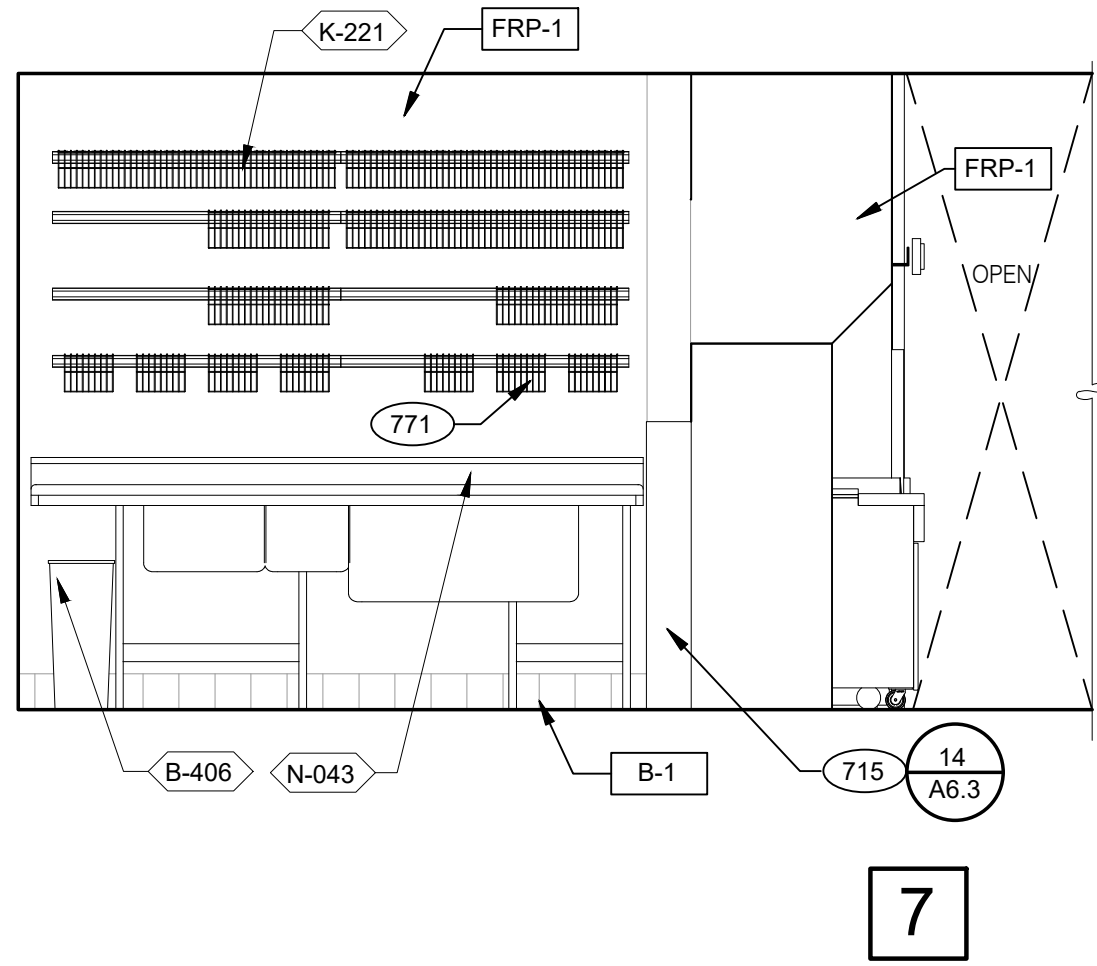
DRIVE-THRU 3/8" = 1'-0"



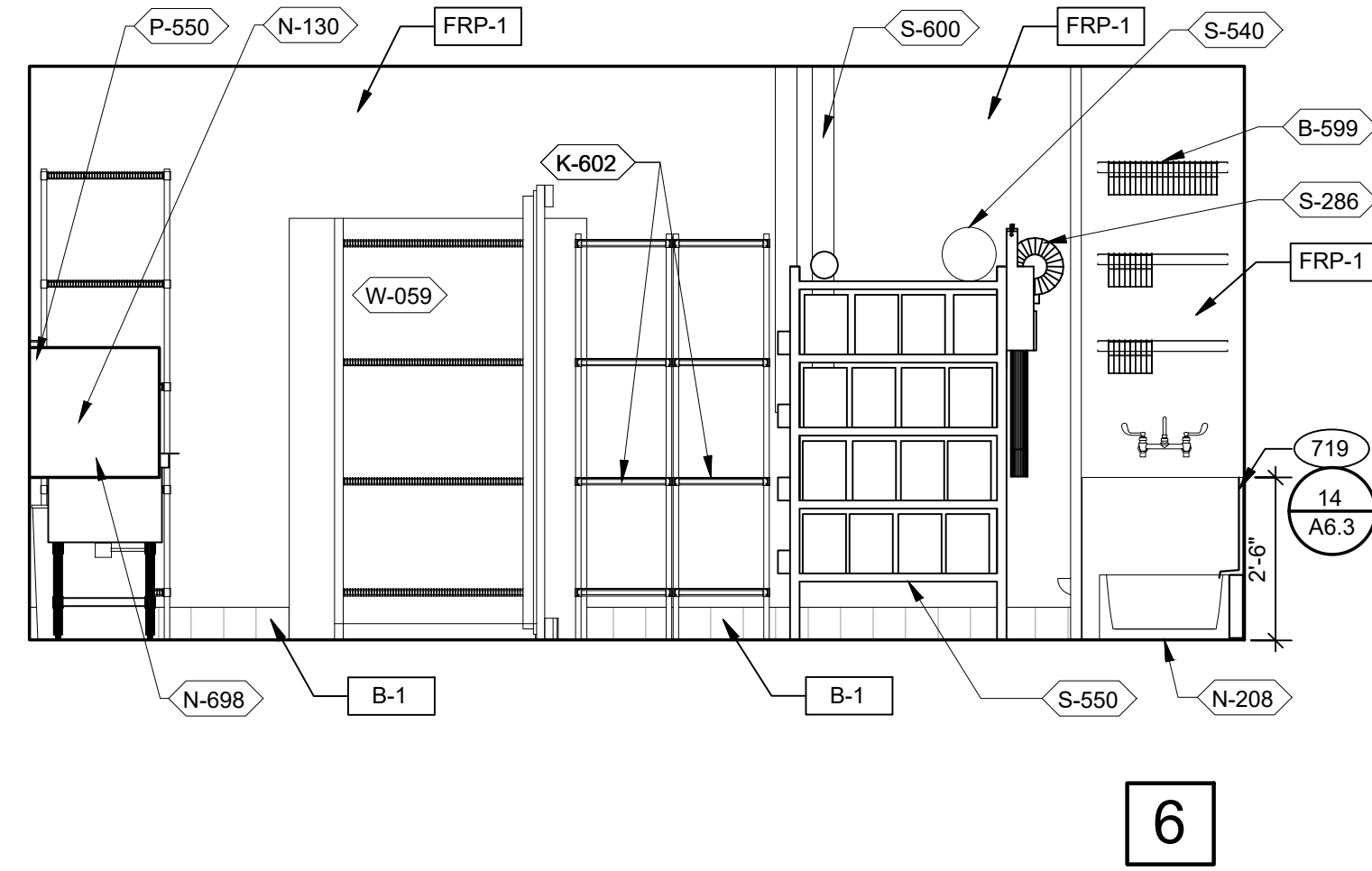
DRIVE-THRU AND TB COOK 3/8" = 1'-0"



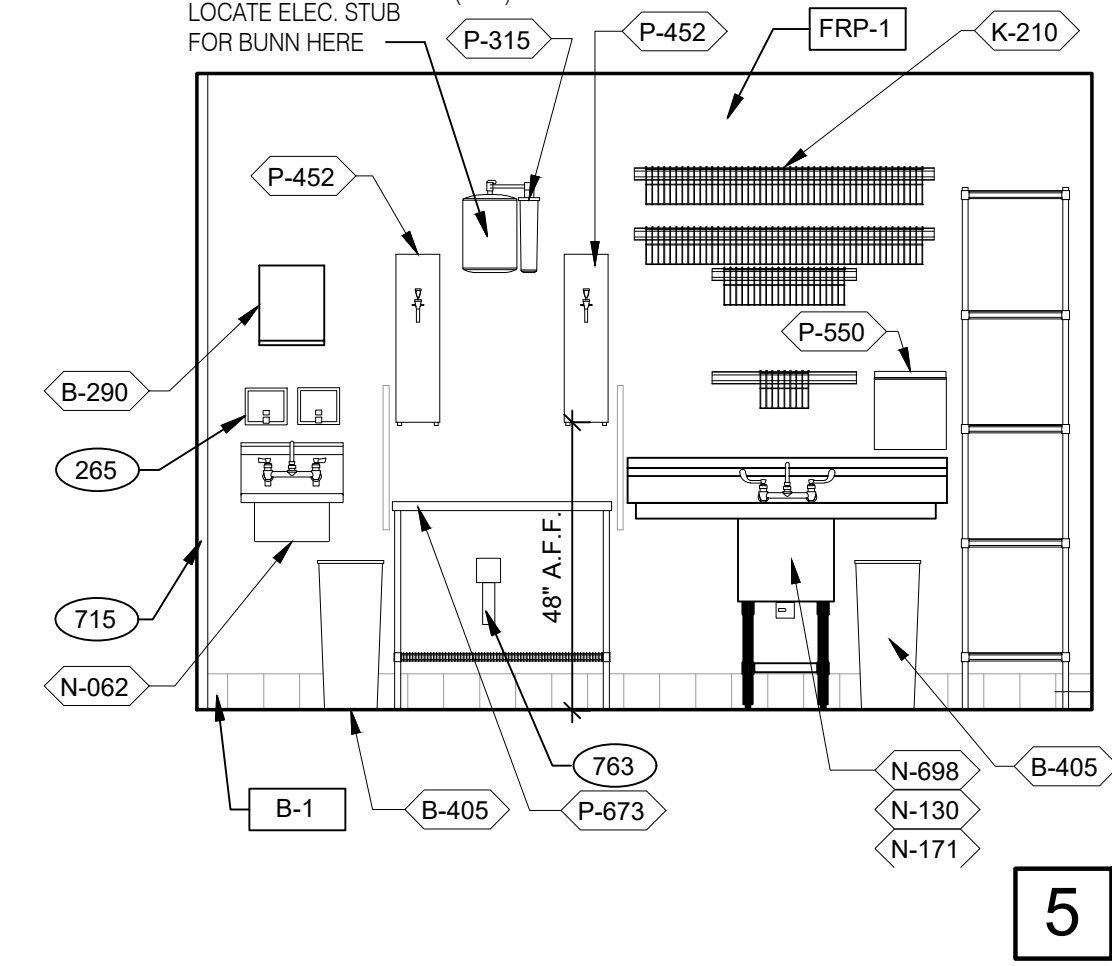
UTILITY 3/8" = 1'-0"



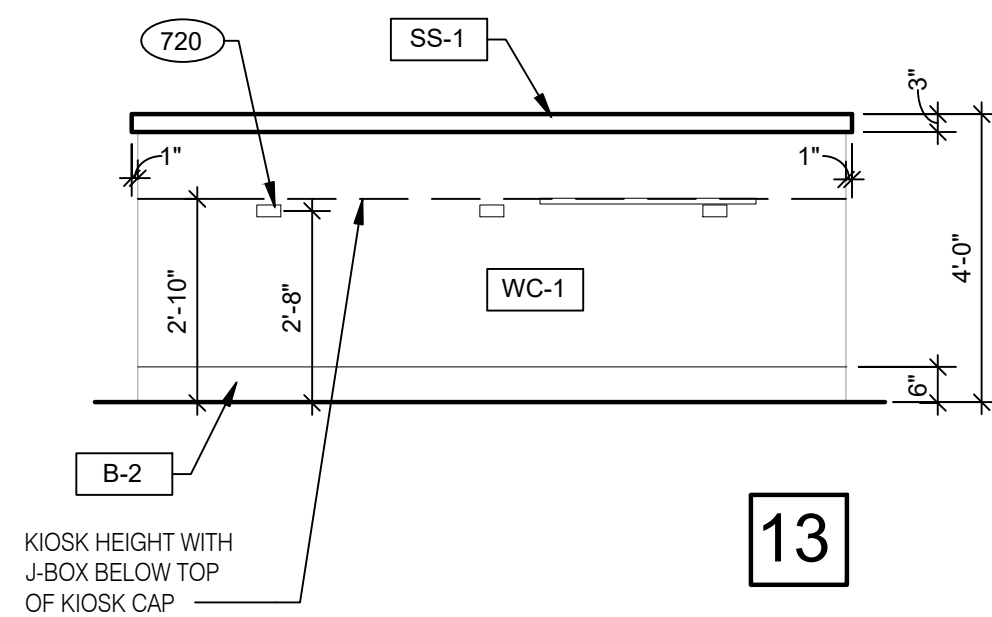
WARE WASHING 3/8" = 1'-0"



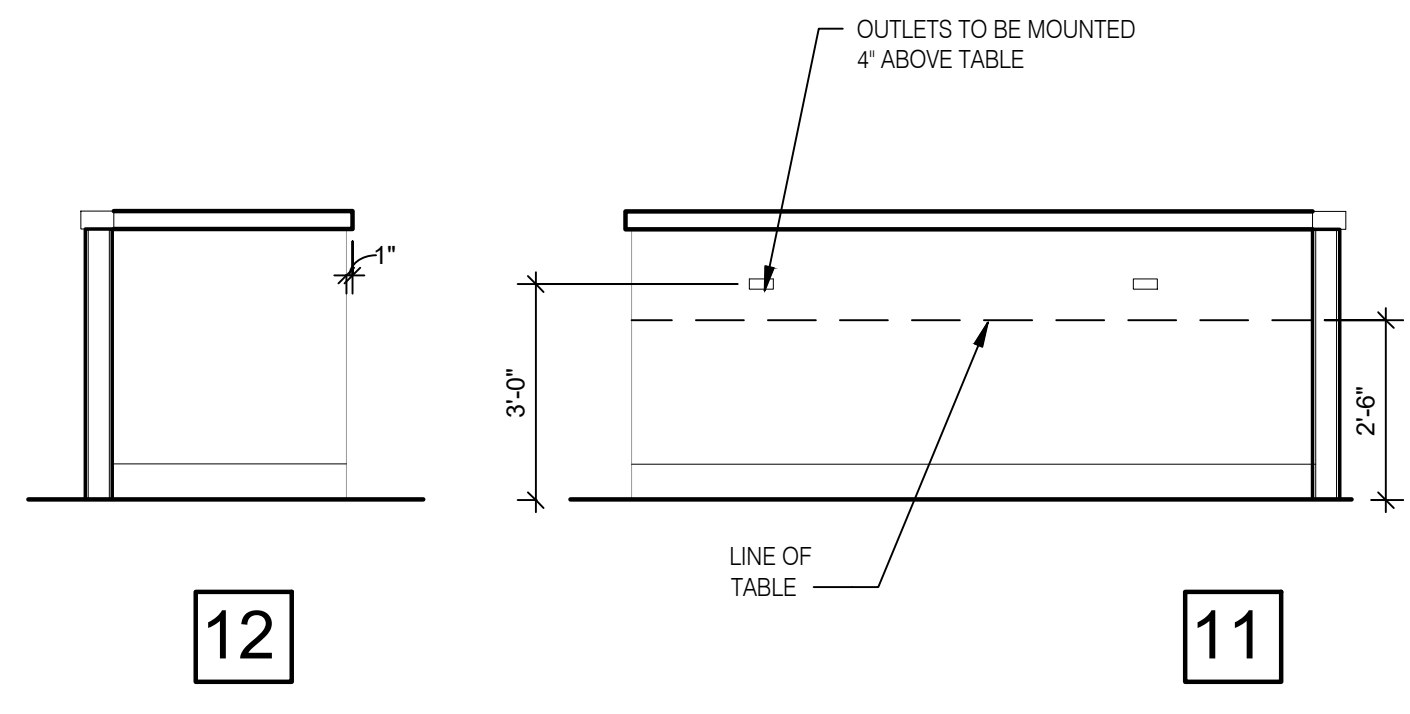
UTILITY 3/8" = 1'-0"



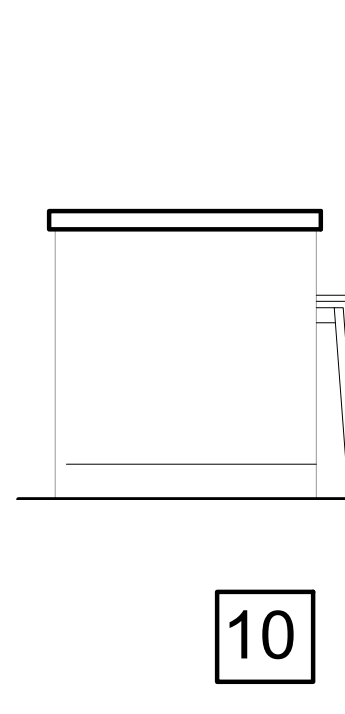
WARE WASHING 3/8" = 1'-0"



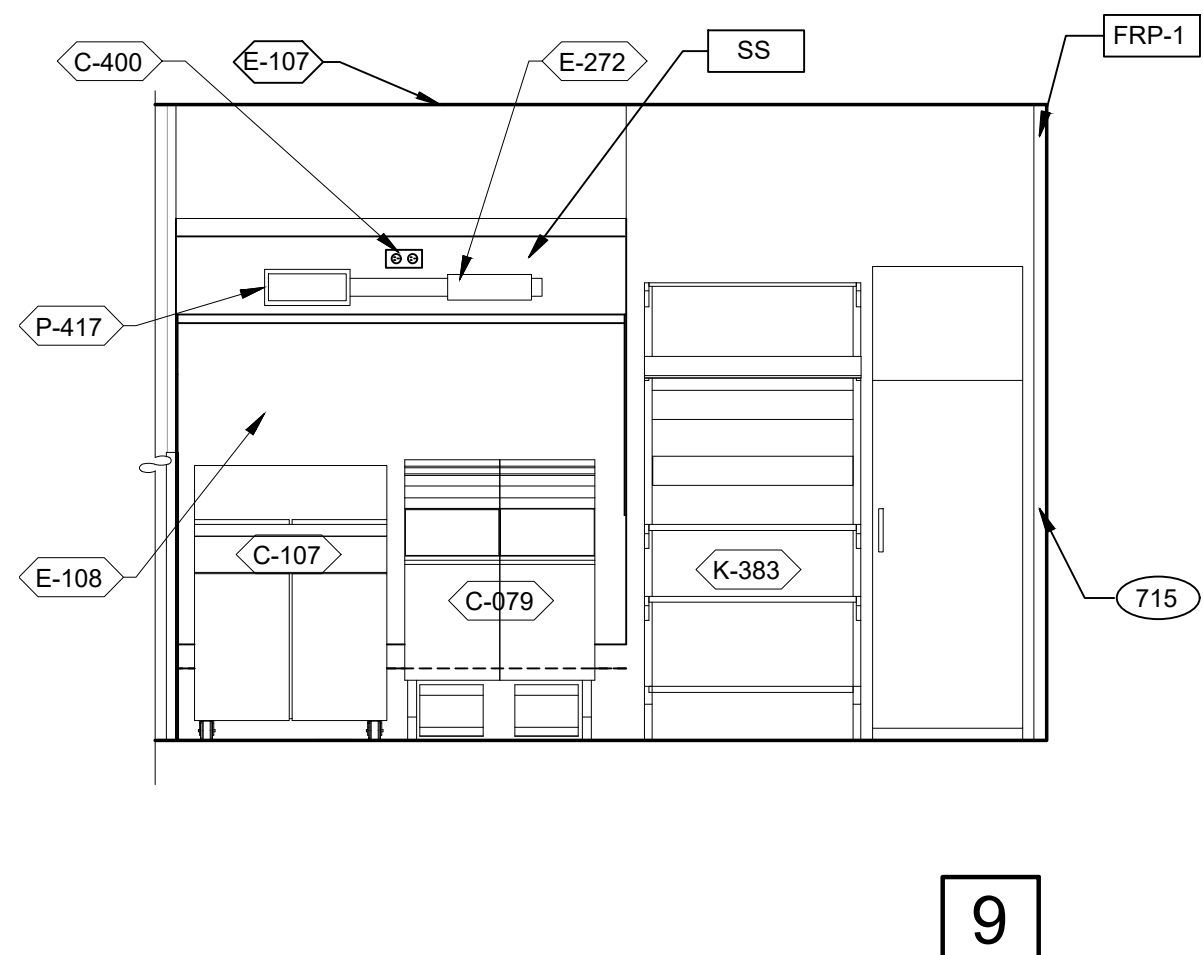
DINING PANEL ELEVATION 3/8" = 1'-0"



11



10



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

- 230 STAINLESS STEEL SPLASH GUARD.
- 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
- 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



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 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383

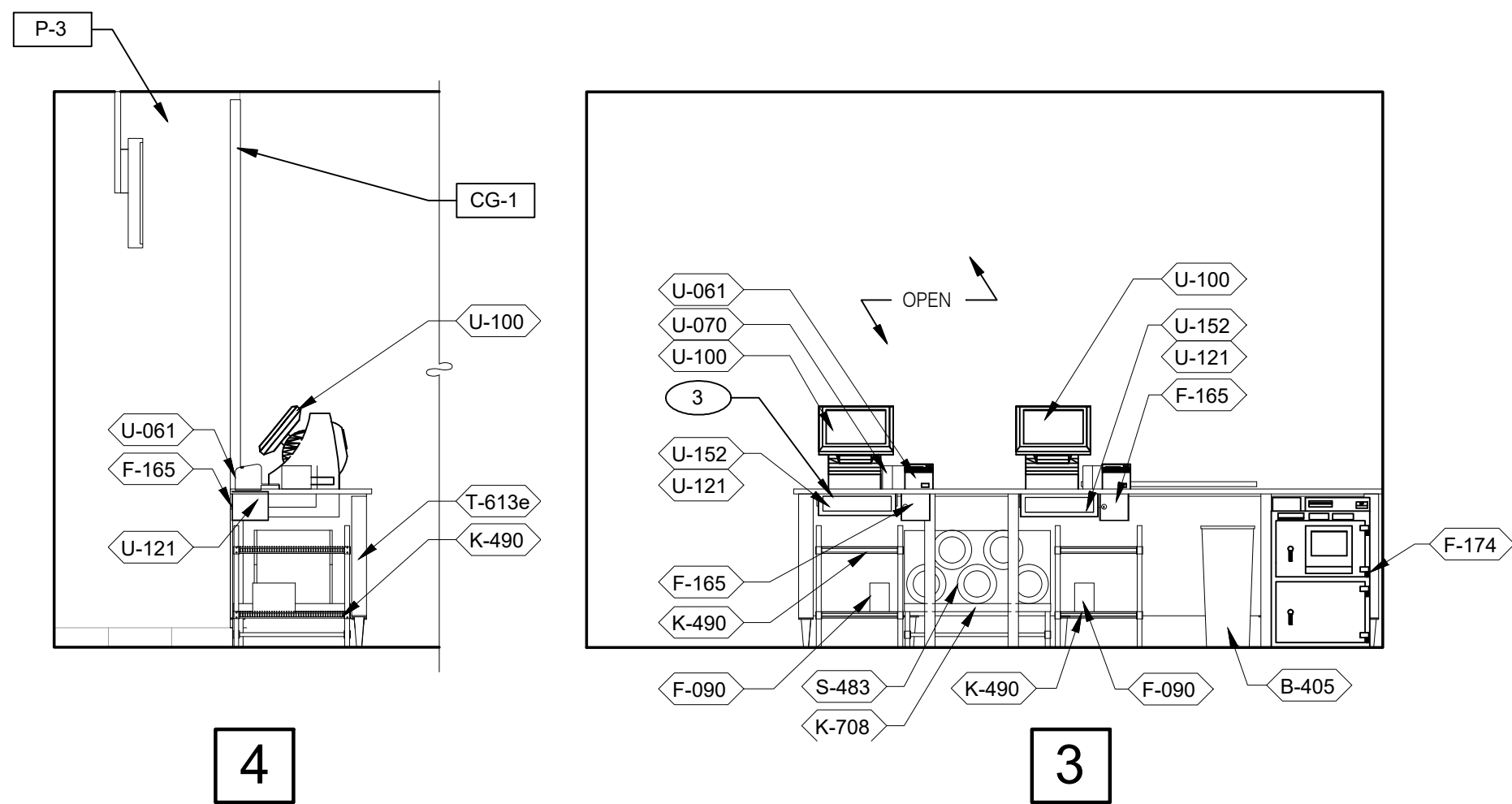


ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN

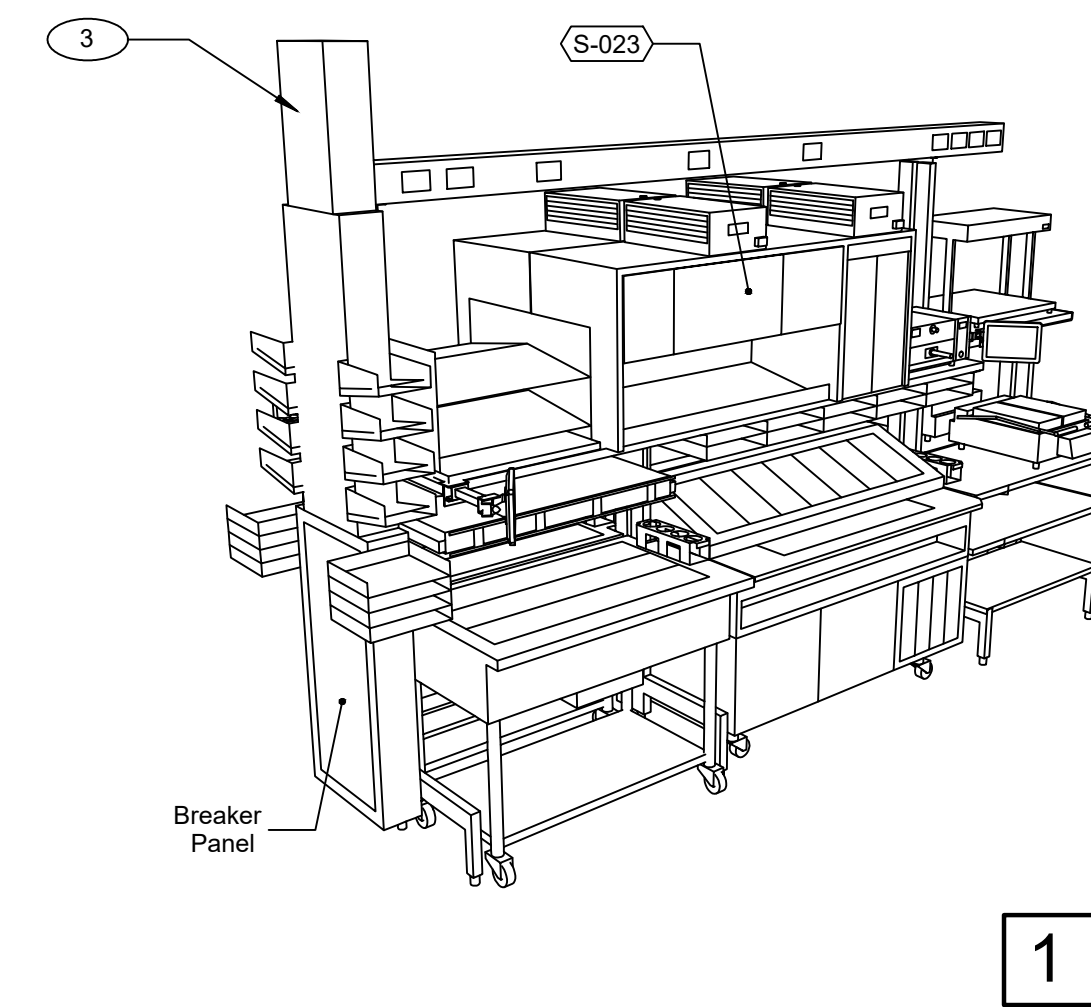
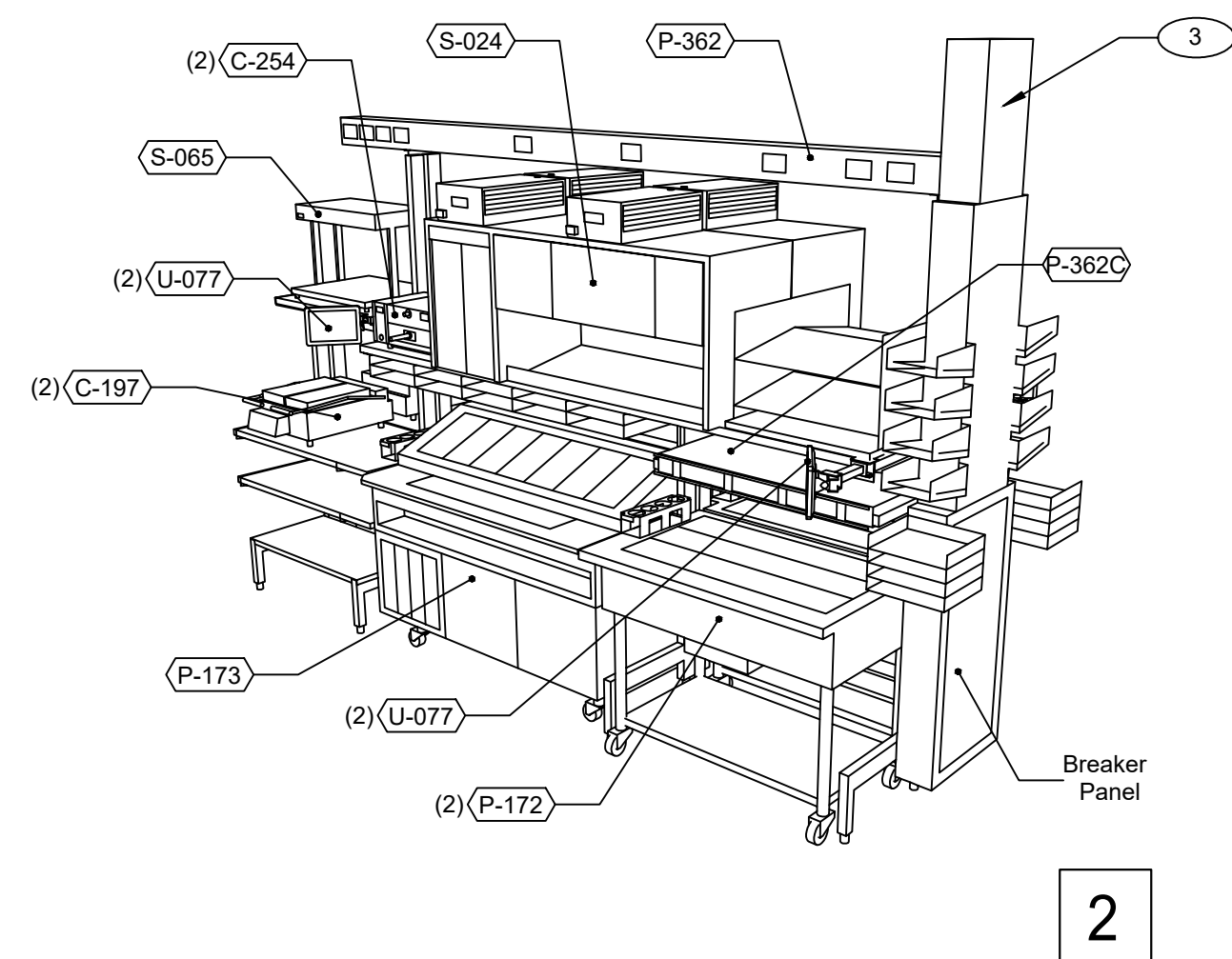
A8.2

PLOT DATE: 2/25/2022

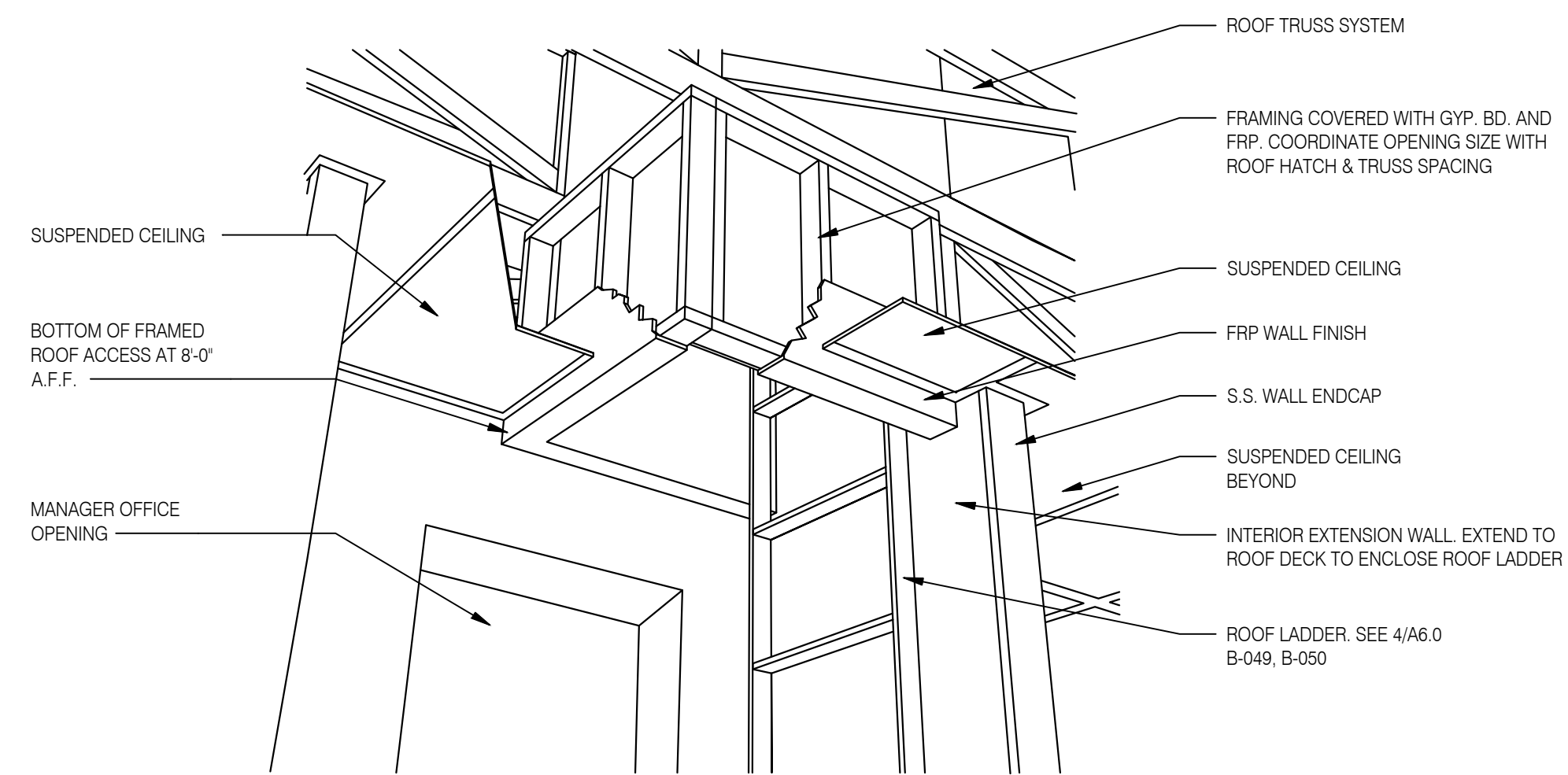
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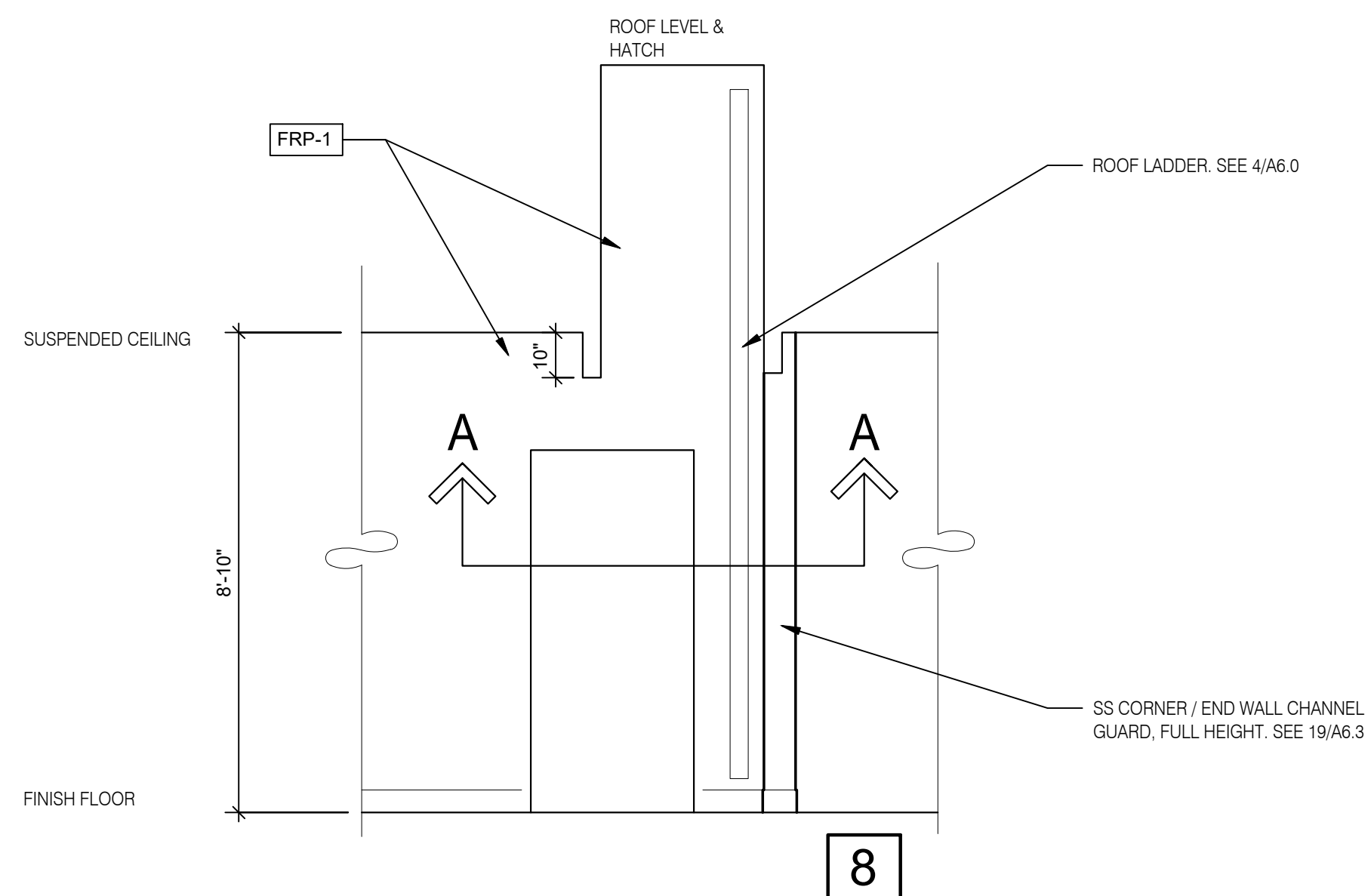
SERVING 3/8" = 1'-0"



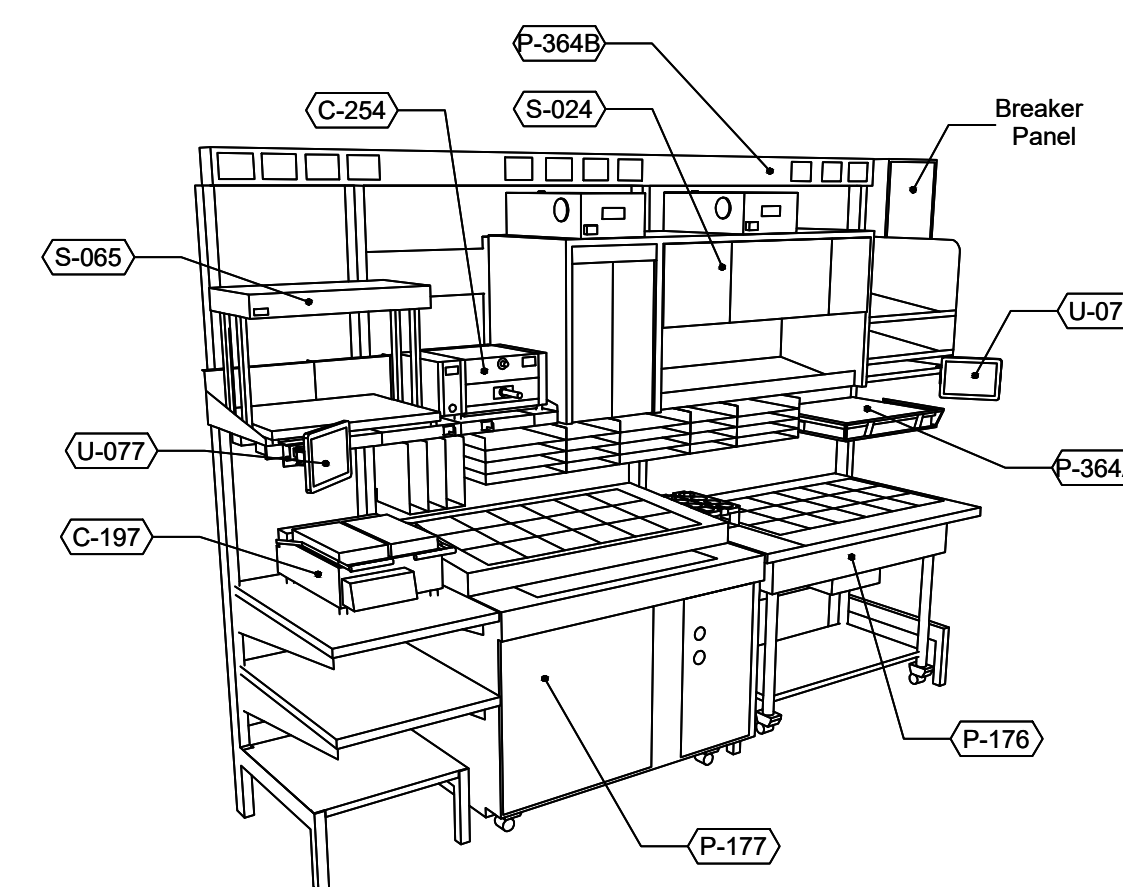
P-362B FLEX DUAL-LINE 3/8" = 1'-0"



A - ROOF LADDER VIEW



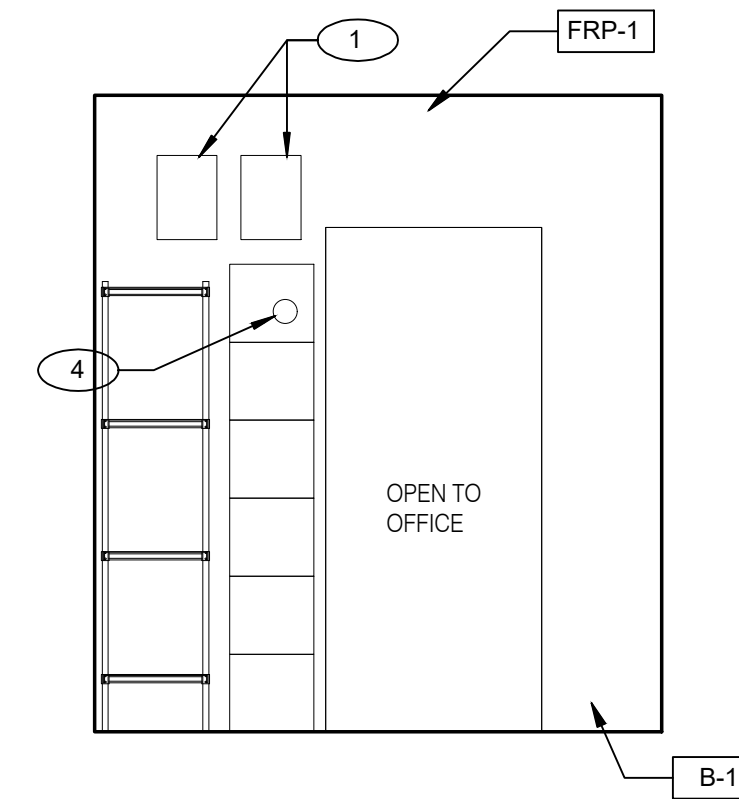
ROOF ACCES PASSAGEWAY 3/8" = 1'-0"



P-362A FLEX I-LINE, L-R

N.T.S.

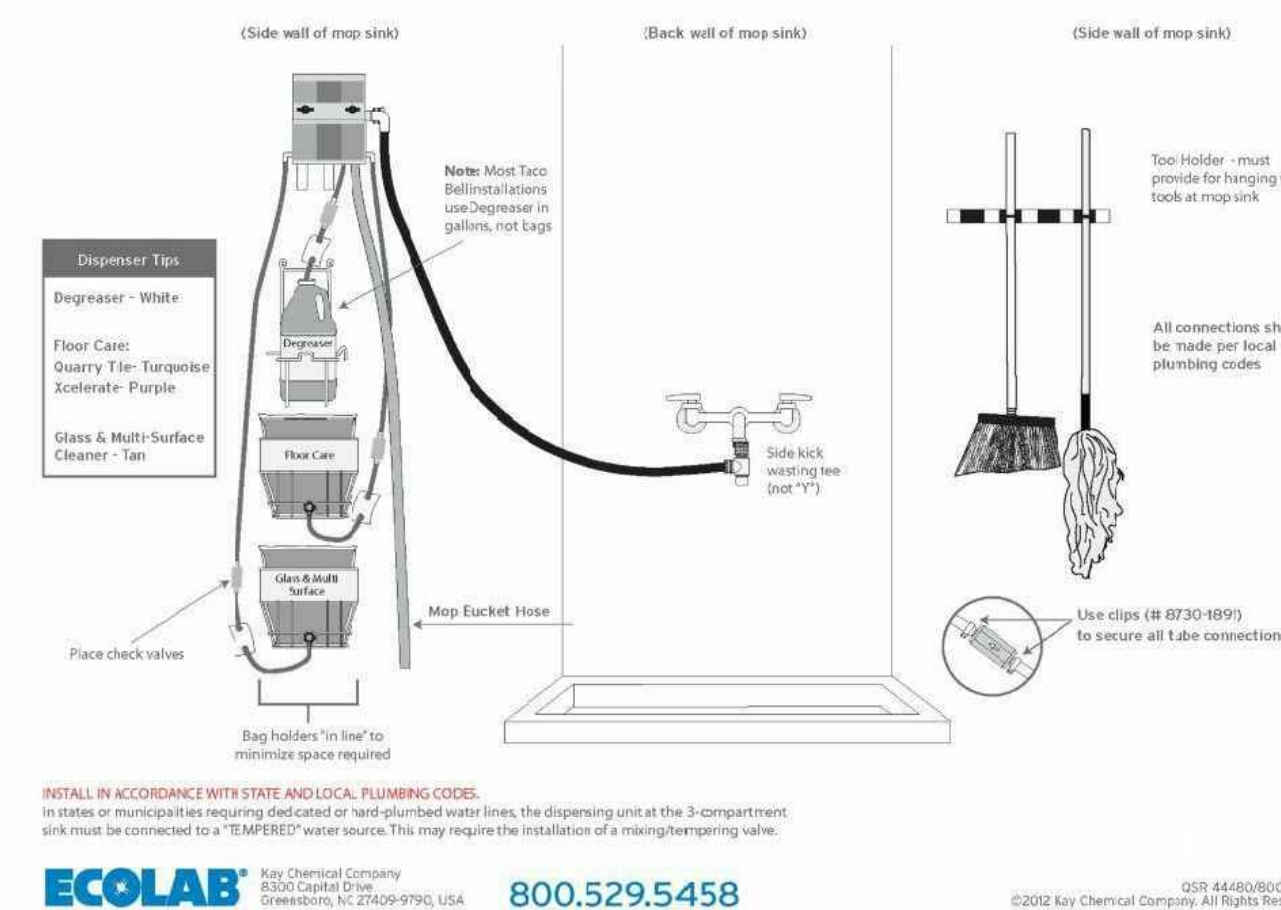
6



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

5

Taco Bell Mop Sink Installation



INSTALL IN ACCORDANCE WITH STATE AND LOCAL PLUMBING CODES. In states or municipalities requiring dedicated or hard-plumbed 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/relieving valve.

ECOLAB Key Chemical Company
6300 Central Expressway, Waukesha, WI 53190-9796, USA 800.529.5458

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MOP SINK INSTALLATION

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

KEYNOTE



L + A ARCHITECTS INC. A.I.A.
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ENDEAVOR 2.0 INTERIOR ELEVATIONS KITCHEN

A8.3

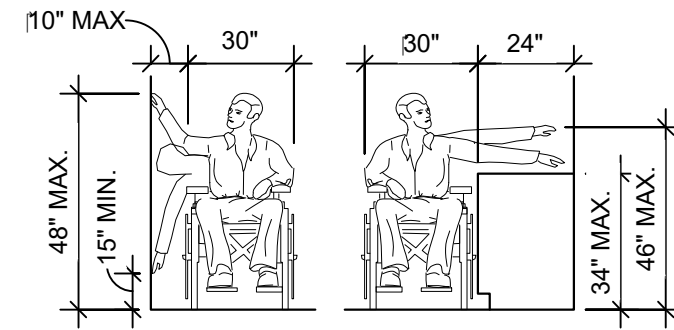
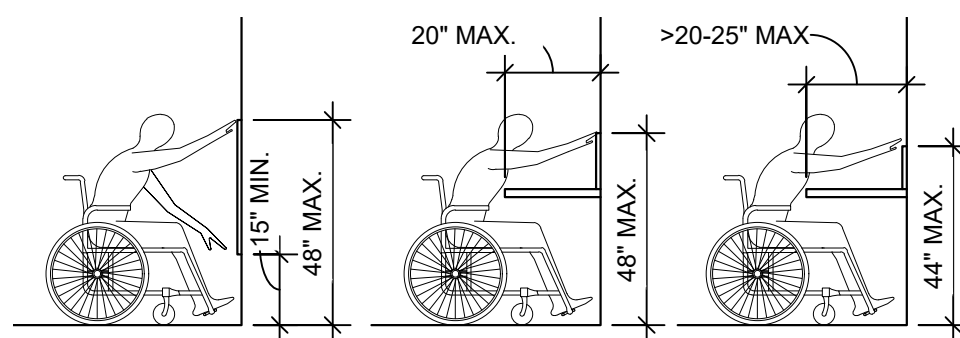
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C

A

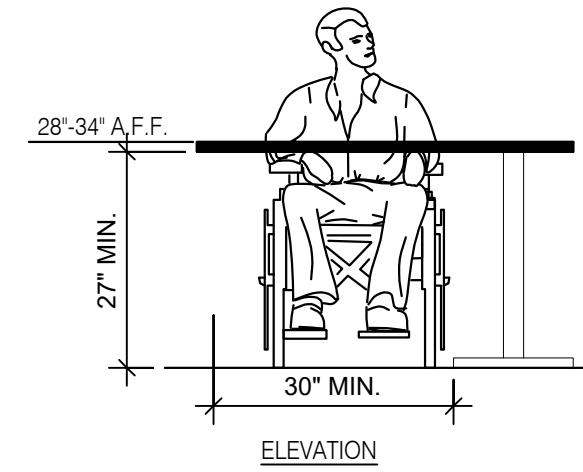
TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS



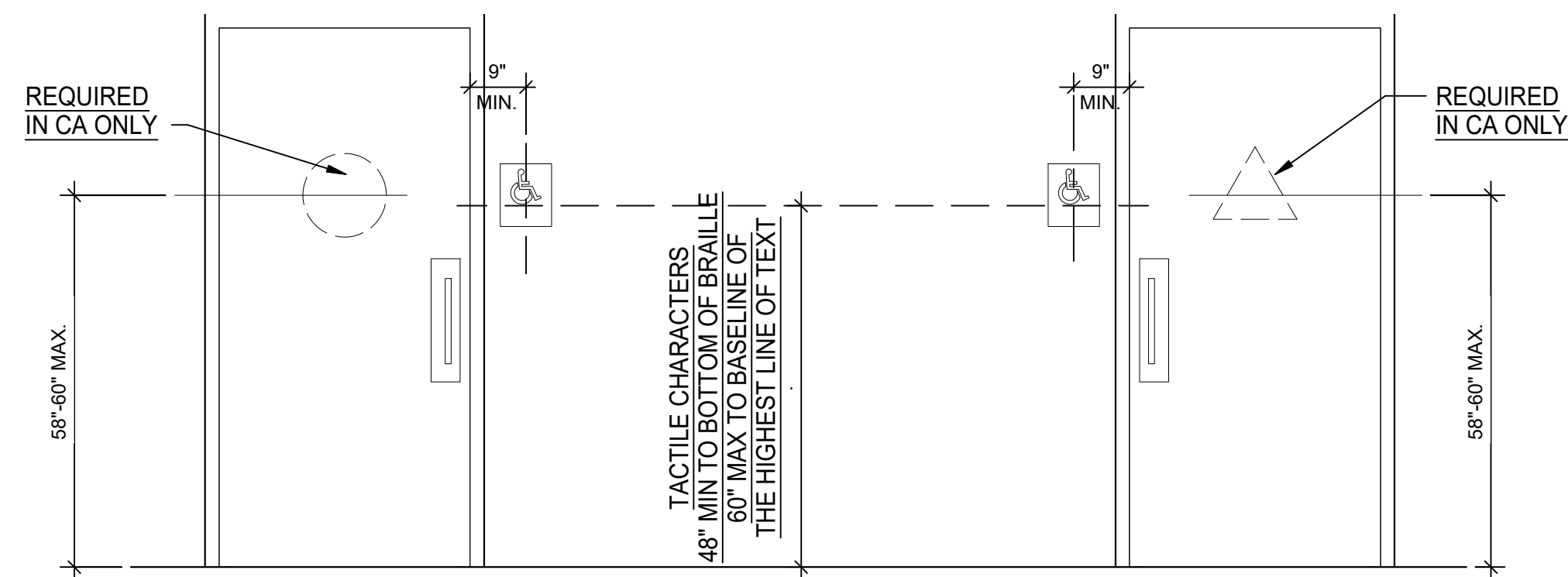
SIDE APPROACH

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

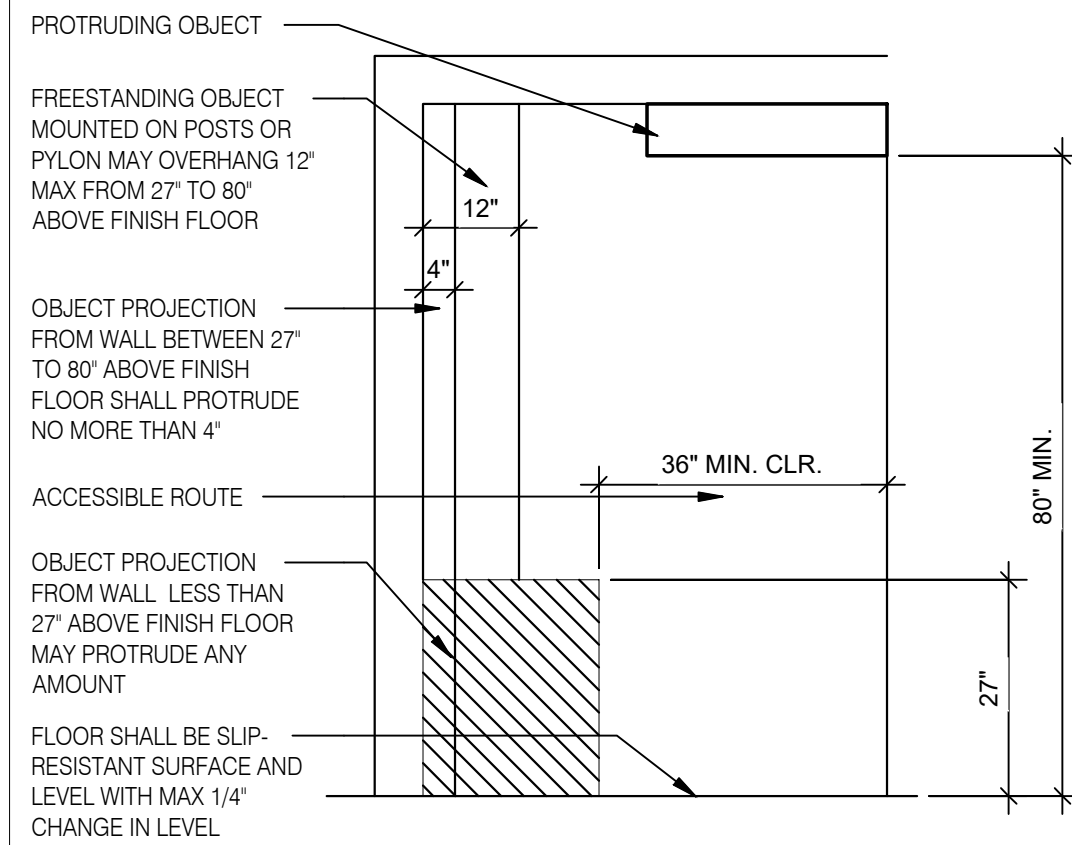


ELEVATION

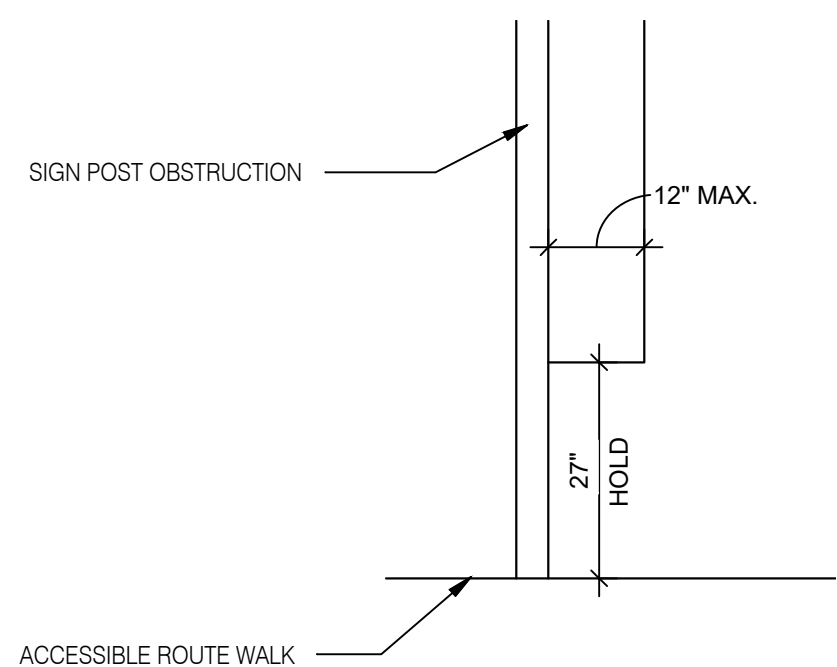
SEATING AND TABLES 1/2" = 1'-0" **18**



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

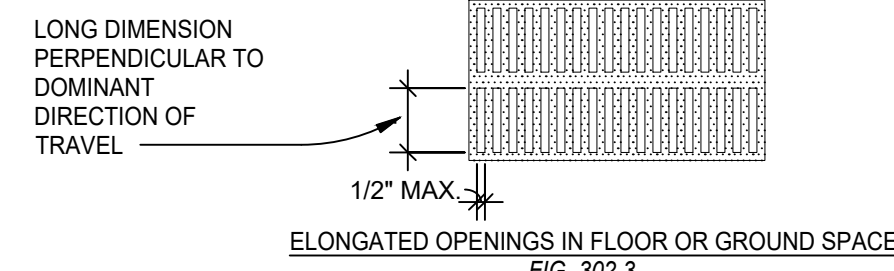
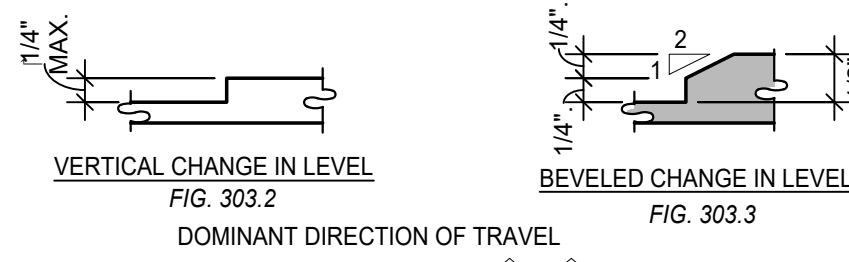


INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**

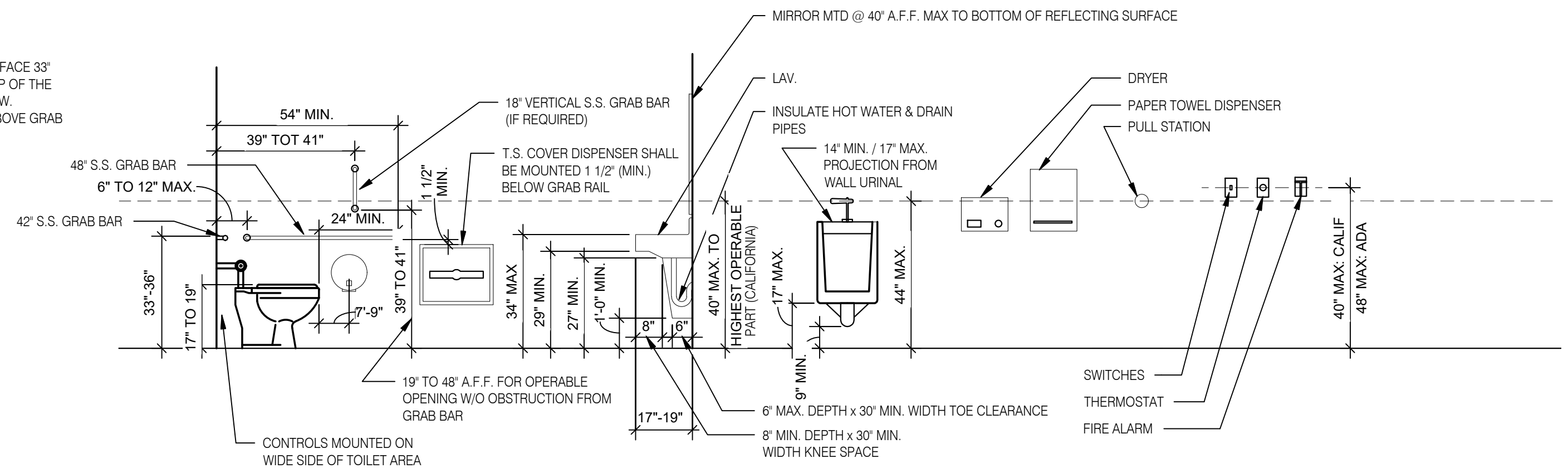


PROTRUDING HAZARDS 1/2" = 1'-0" **11**

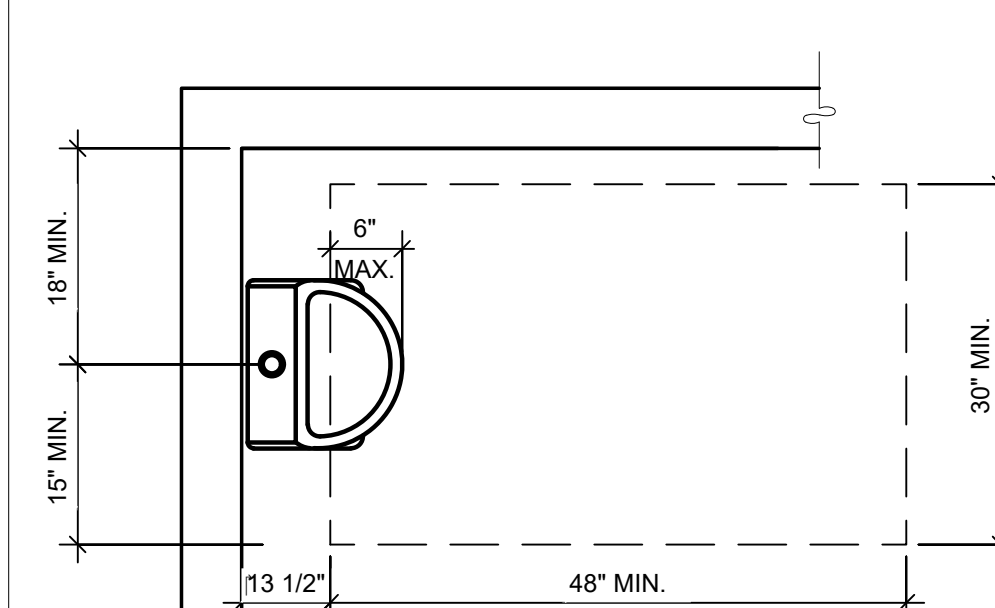
- NOTES:
- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL COMPLY WITH CARPET PILE HEIGHT FIGURE BELOW. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE SHALL COMPLY WITH CHANGE IN LEVEL FIGURES BELOW.



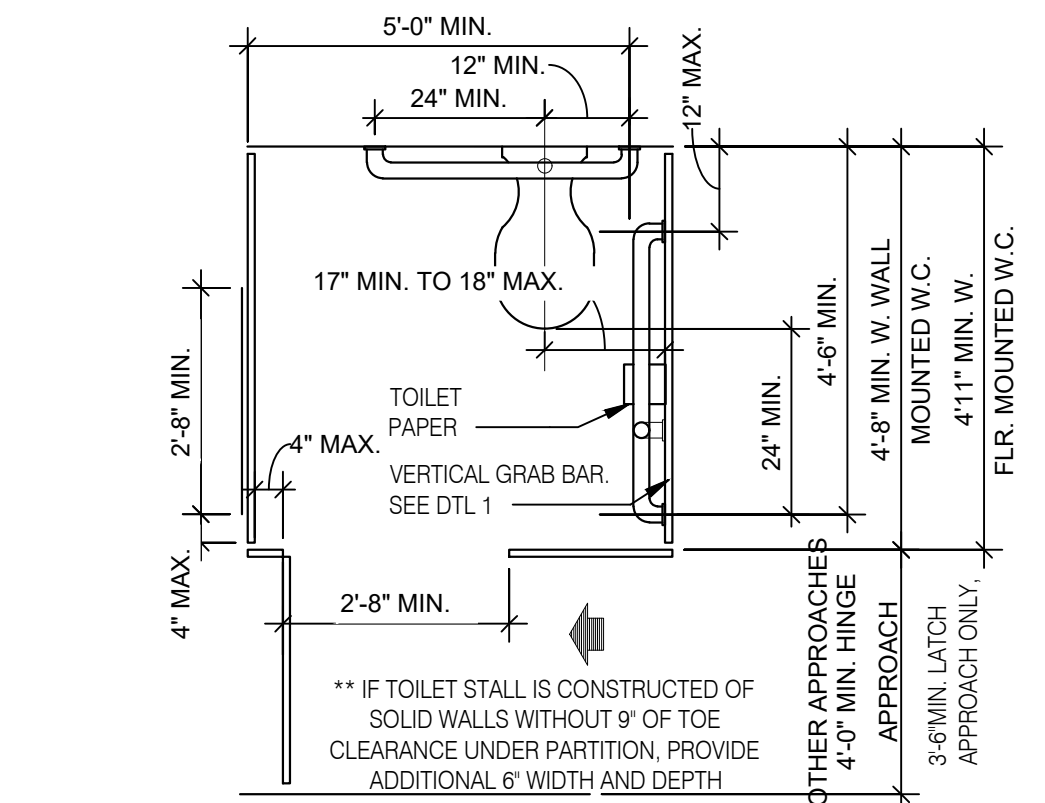
CHANGES IN LEVEL 1/2" = 1'-0" **12**



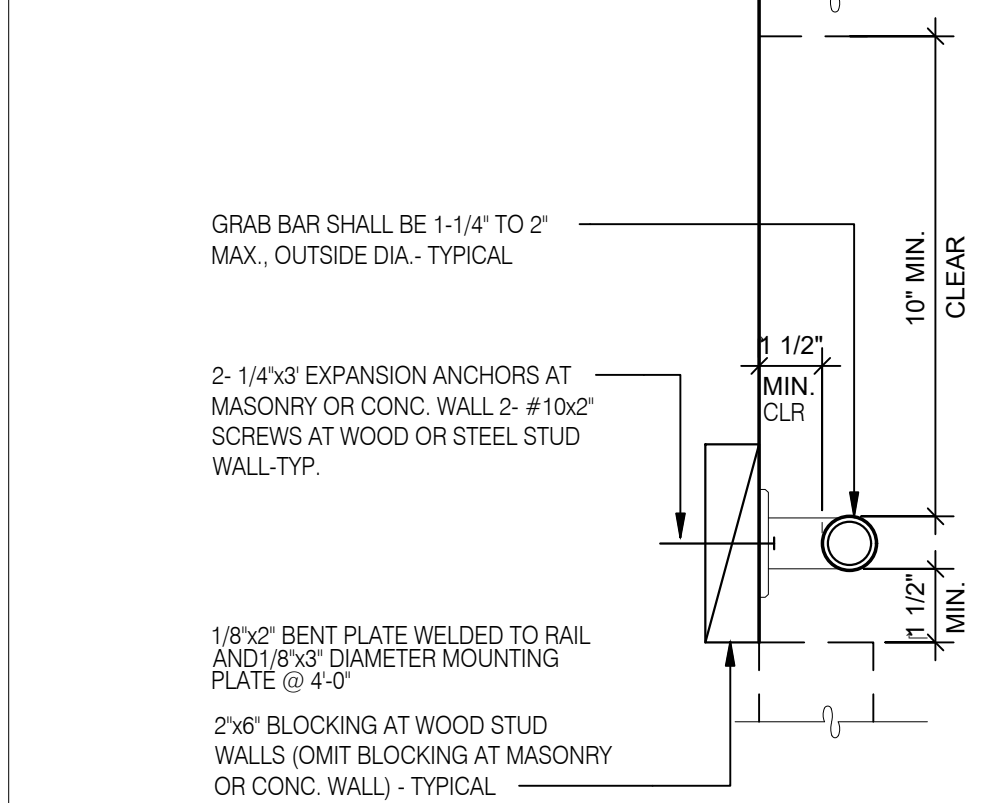
MOUNTING HEIGHTS & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED 3/8" = 1'-0" **1**



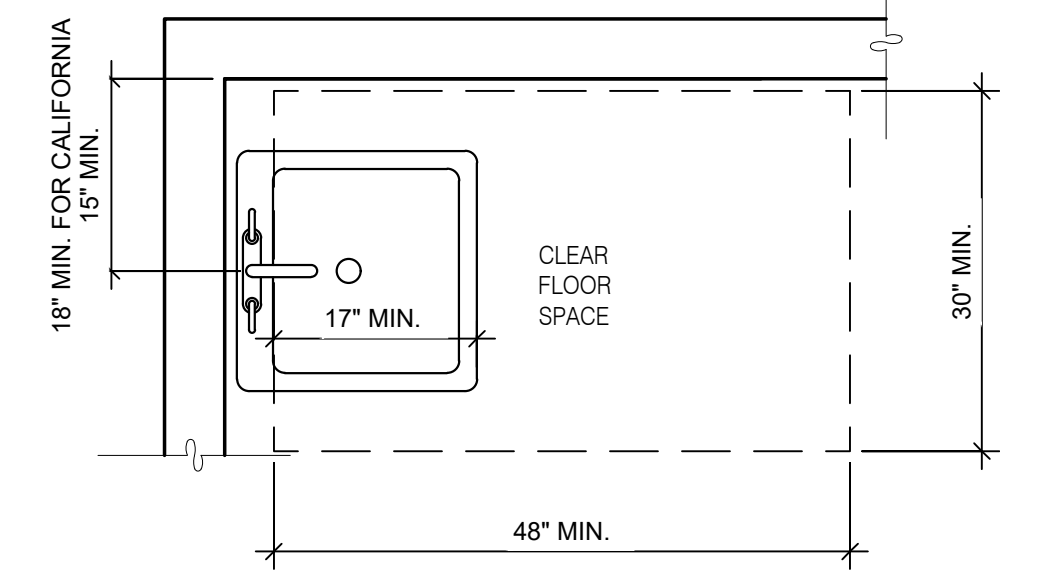
ACCESSIBLE URINAL 3/4" = 1'-0" **6**



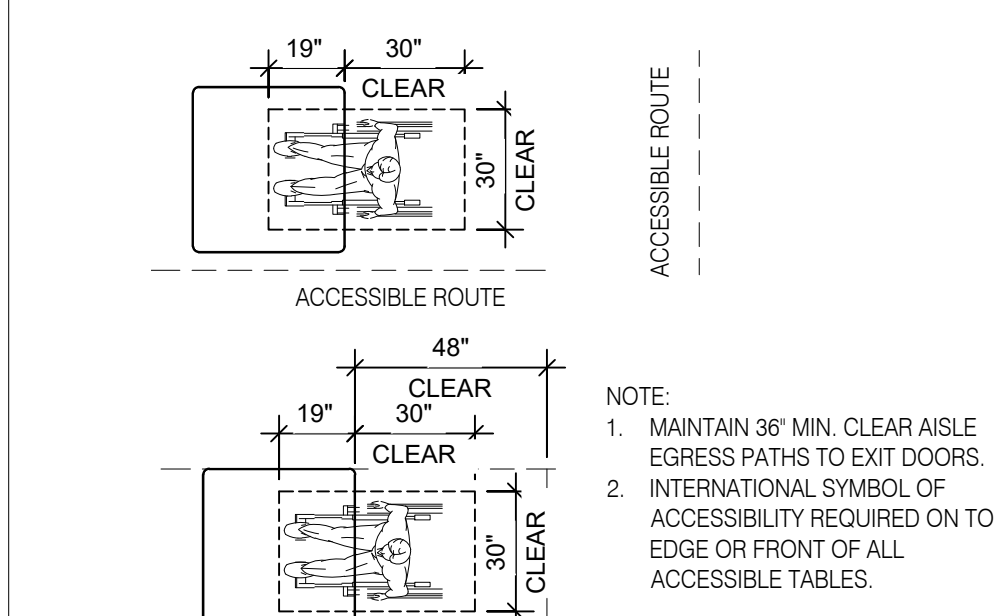
STANDARD TOILET STALL 1/2" = 1'-0" **2**



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



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



- NOTE:
- MAINTAIN 36" MIN. CLEAR AISLE EGRESS PATHS TO EXIT DOORS.
 - INTERNATIONAL SYMBOL OF ACCESSIBILITY REQUIRED ON TOP EDGE OR FRONT OF ALL ACCESSIBLE TABLES.

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

1. 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.

THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.

- 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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GREAT LAKES
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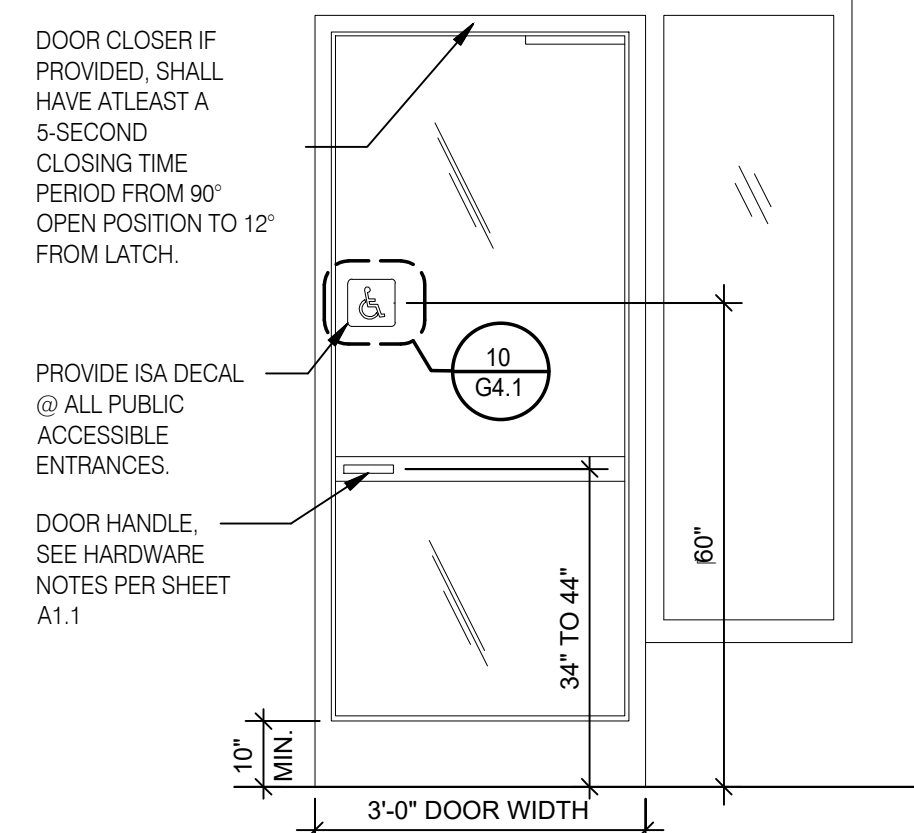
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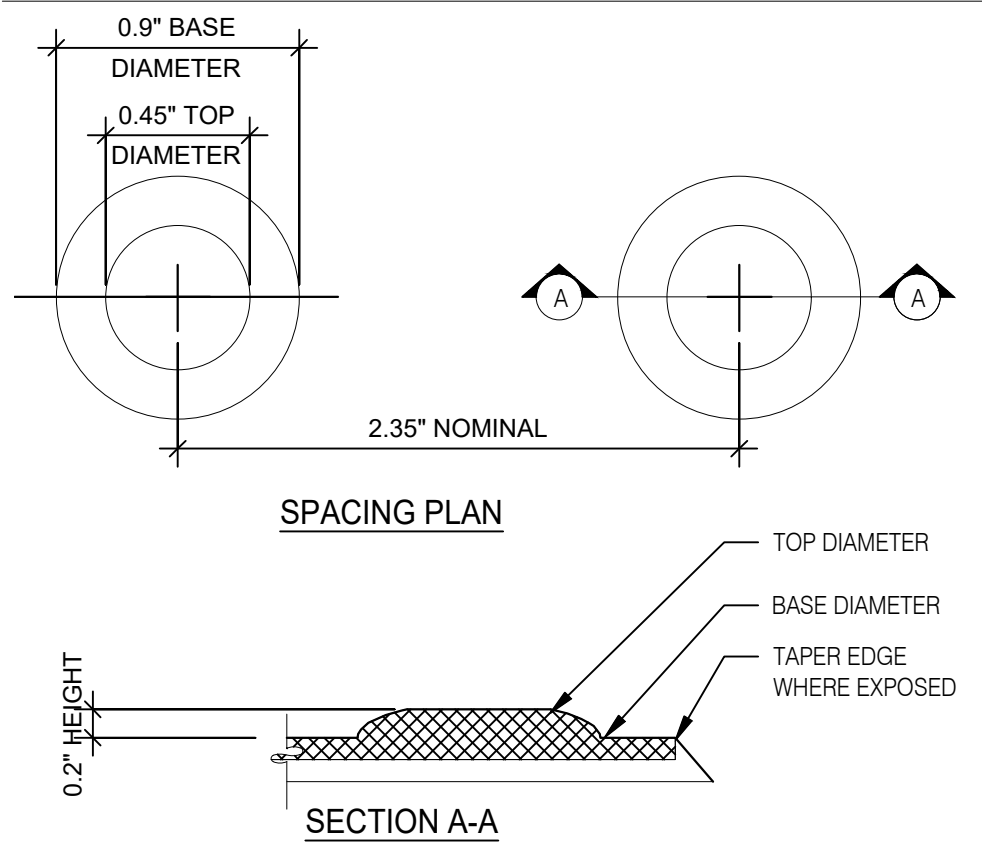
ENDEAVOR 2.0
ACCESSIBILITY
REQUIREMENTS

ADA1.0

PLOT DATE: 2/25/2022

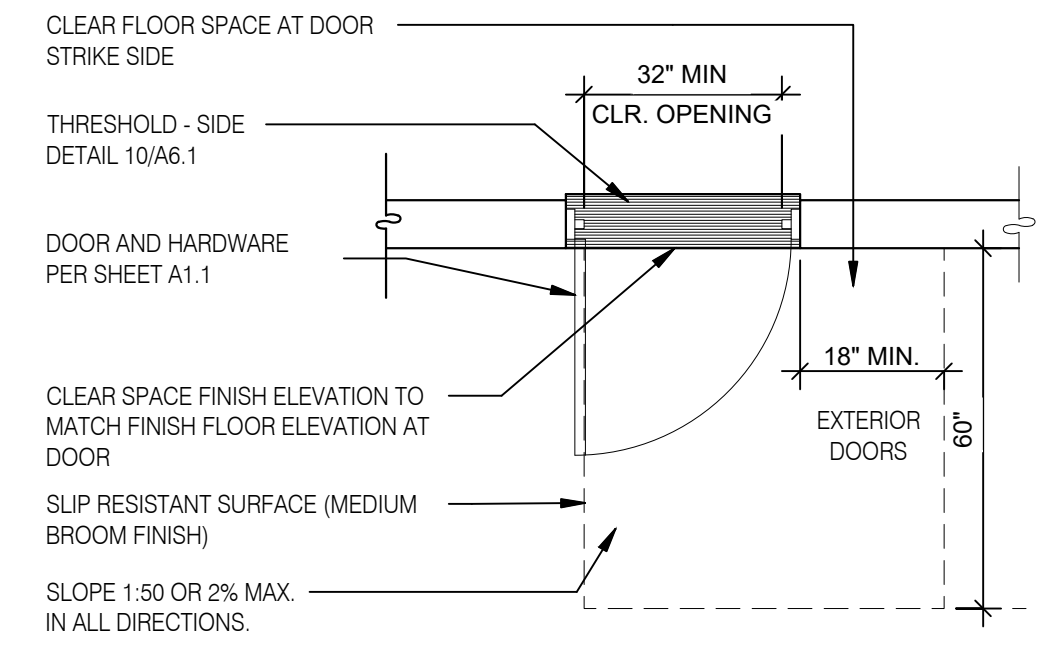
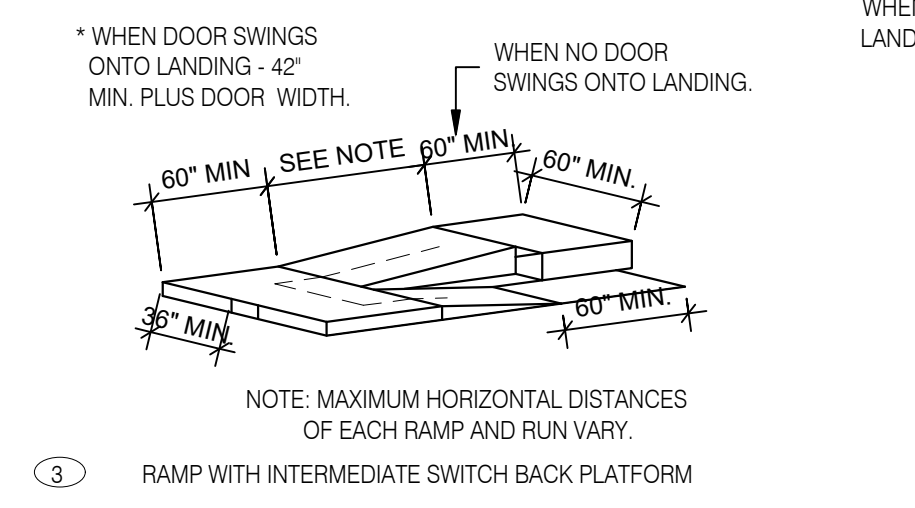
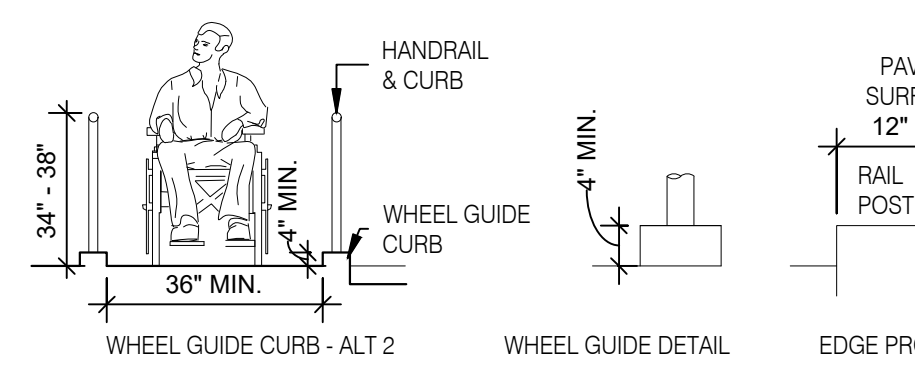
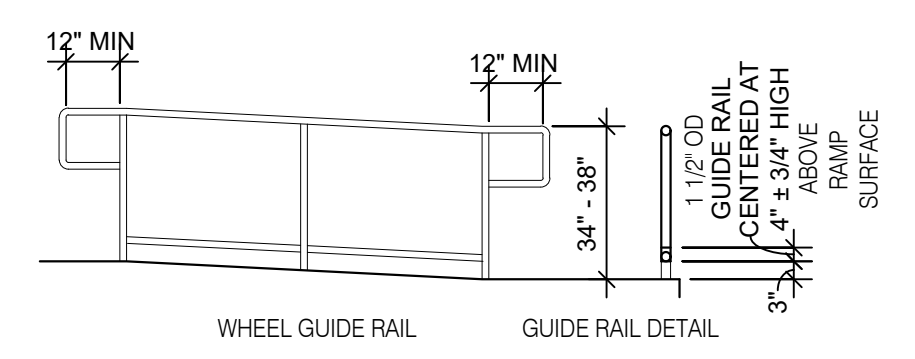


TYP. ENTRANCE / EXIT DOOR N.T.S. **17**



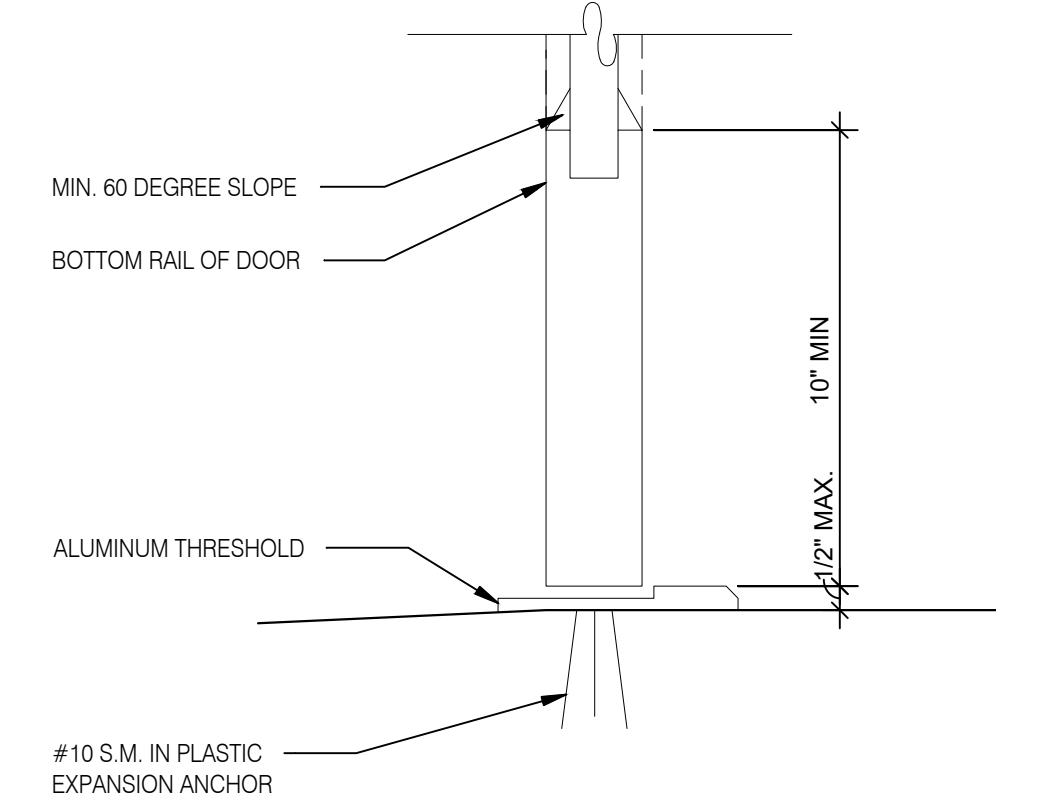
TRUNCATED DOMES 3/8" = 1'-0" **18**

- 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

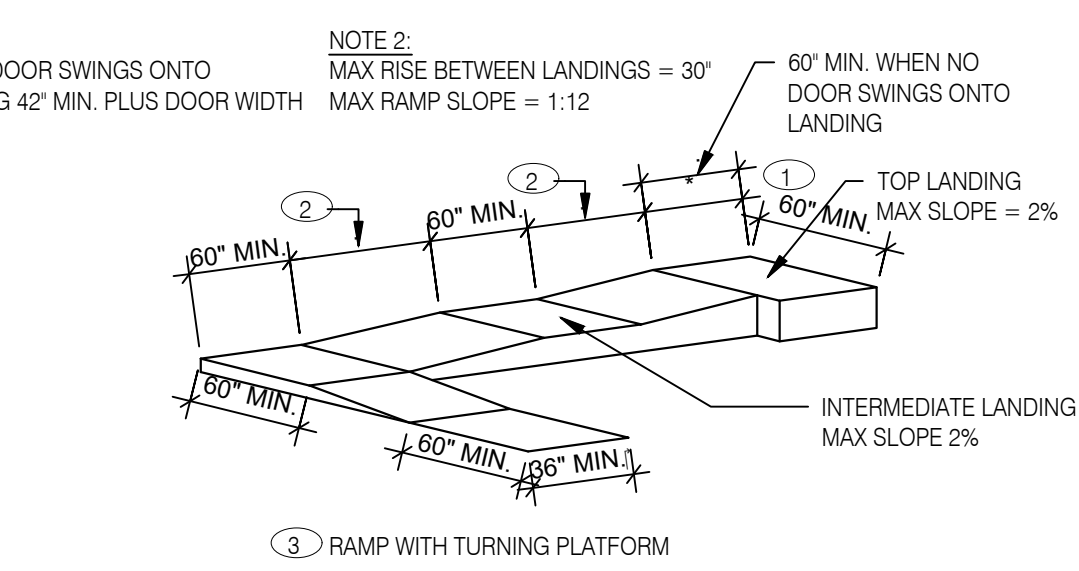
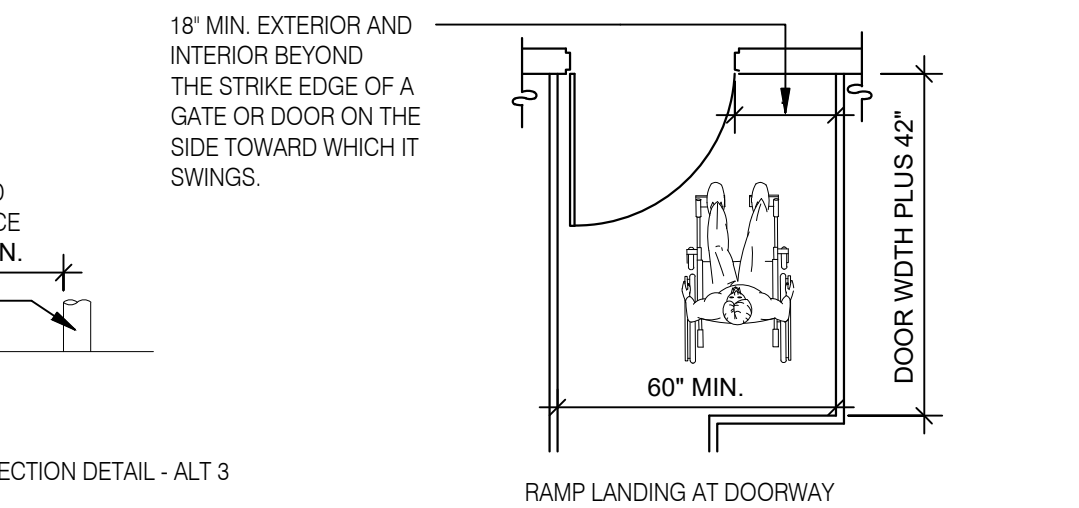
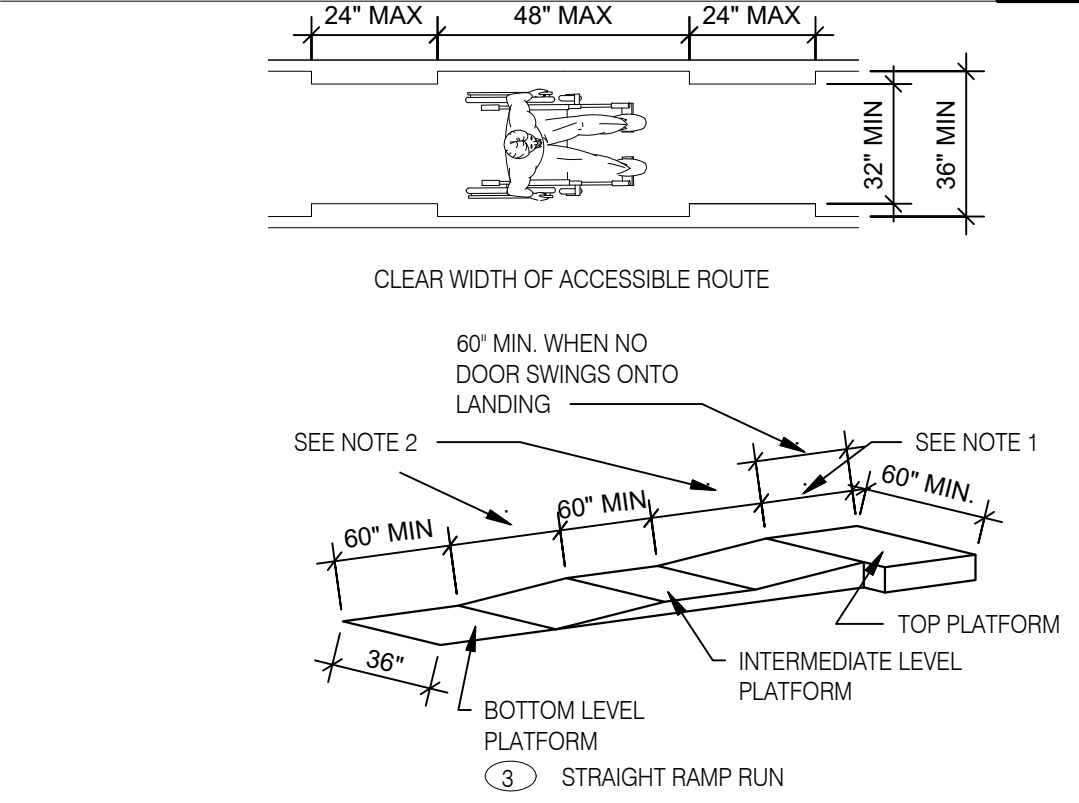


- NOTE:**
- 1. EXTERIOR DOOR PRESSURE CANNOT EXCEED 8.5 LBS (GC TO DOOR PRESSURE TO MINIMUM ALLOWABLE BY AHJ).
 - 2. INTERIOR DOOR PRESSURE CANNOT EXCEED 5 LBS.
 - 3. 60% OF PUBLIC ENTRANCES MUST BE ACCESSIBLE (100% IN CA)

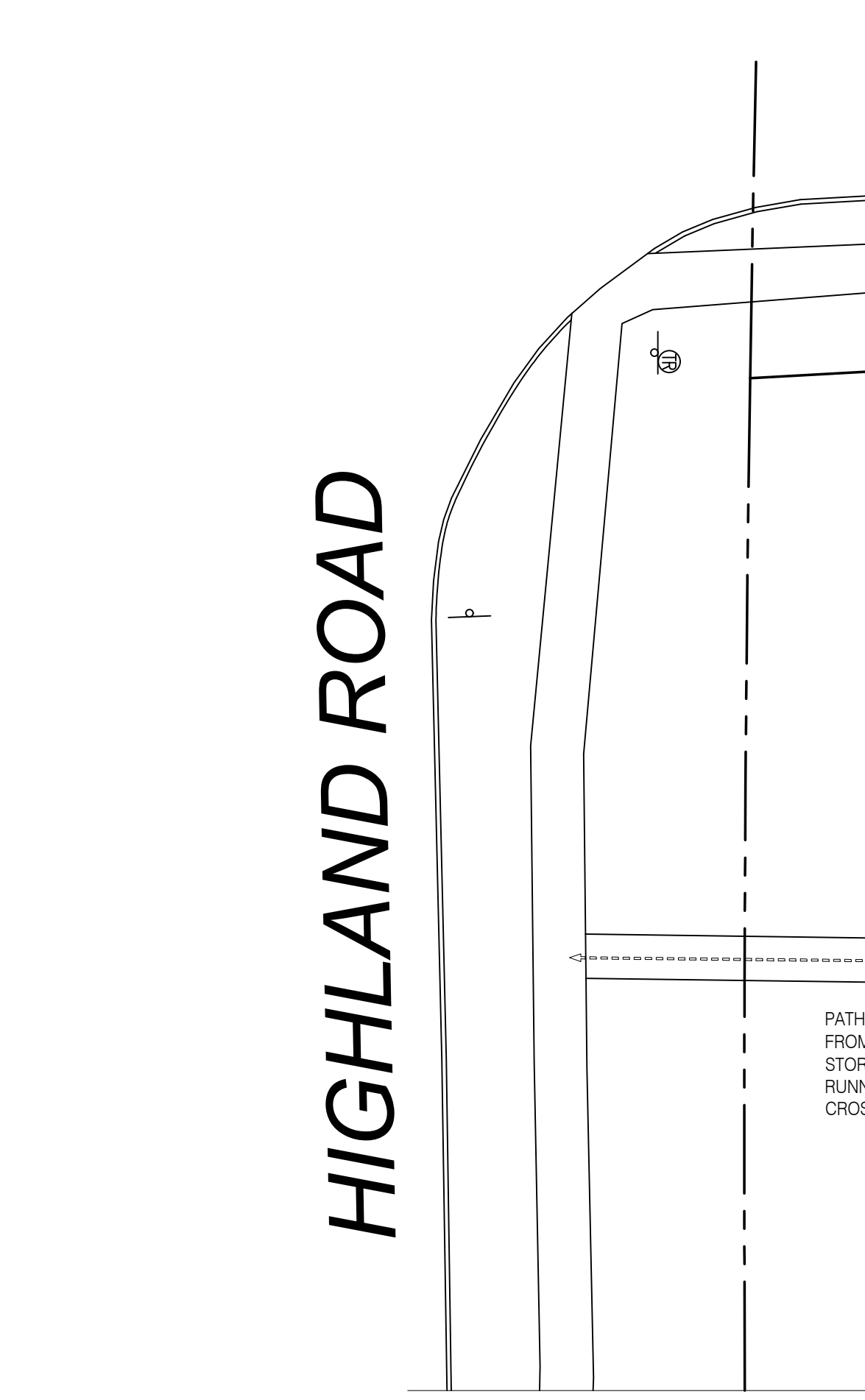
EXTERIOR DOOR REQUIREMENTS 3/8" = 1'-0" **13**



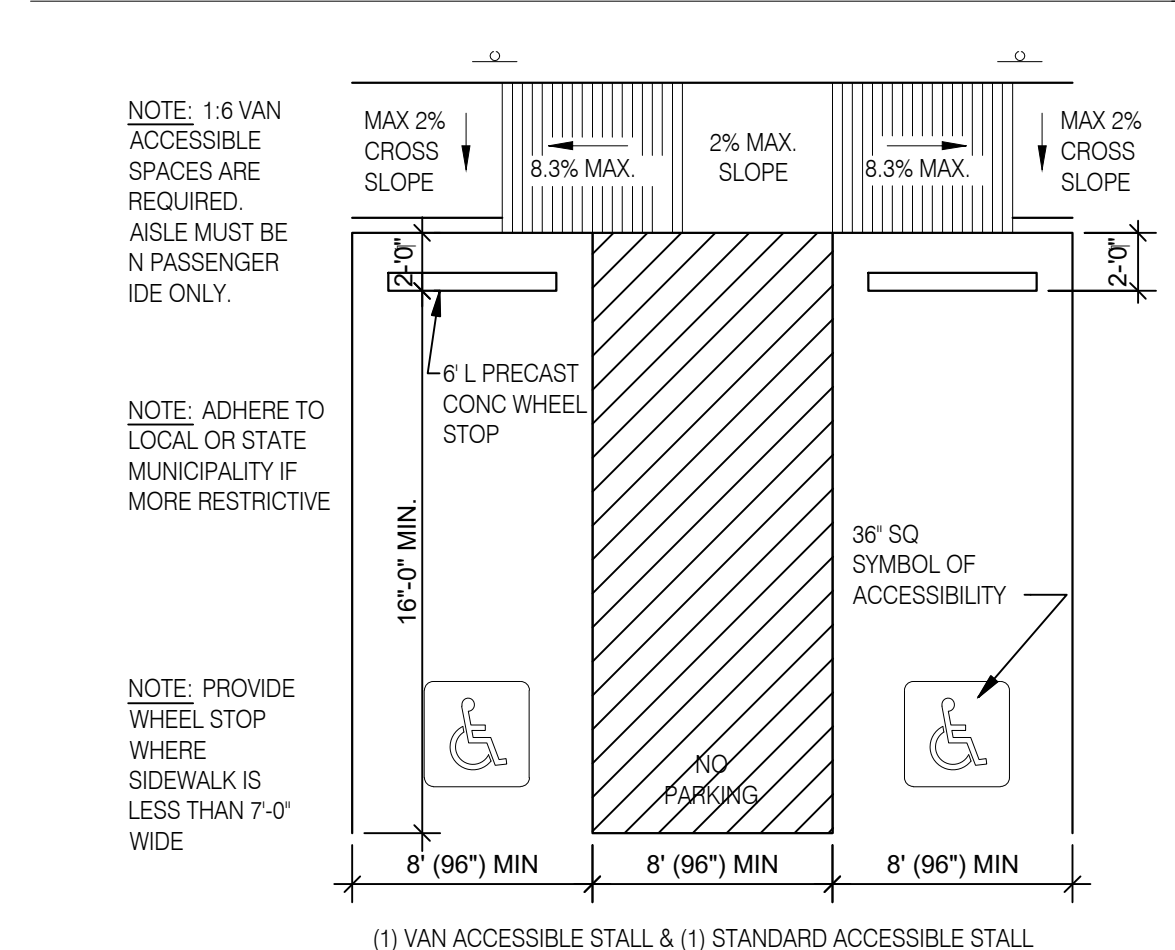
BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **14**



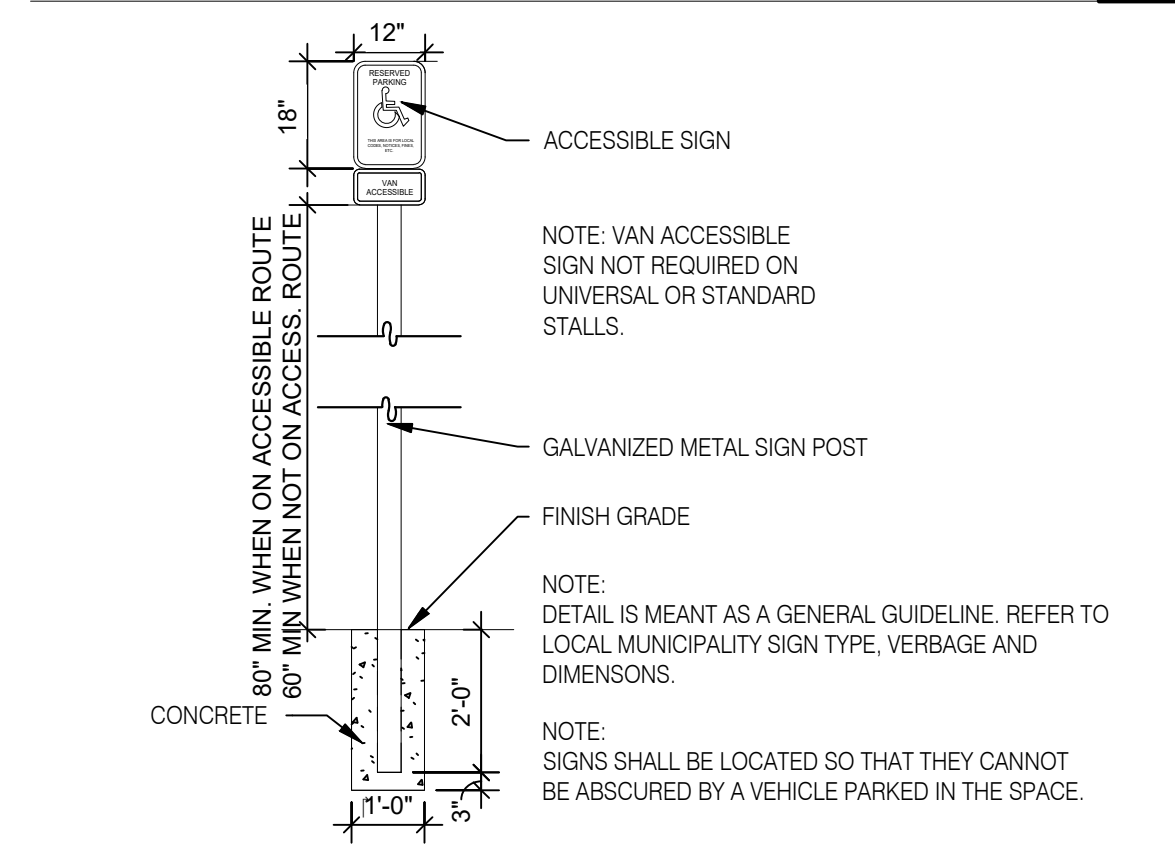
RAMPS N.T.S. **16**



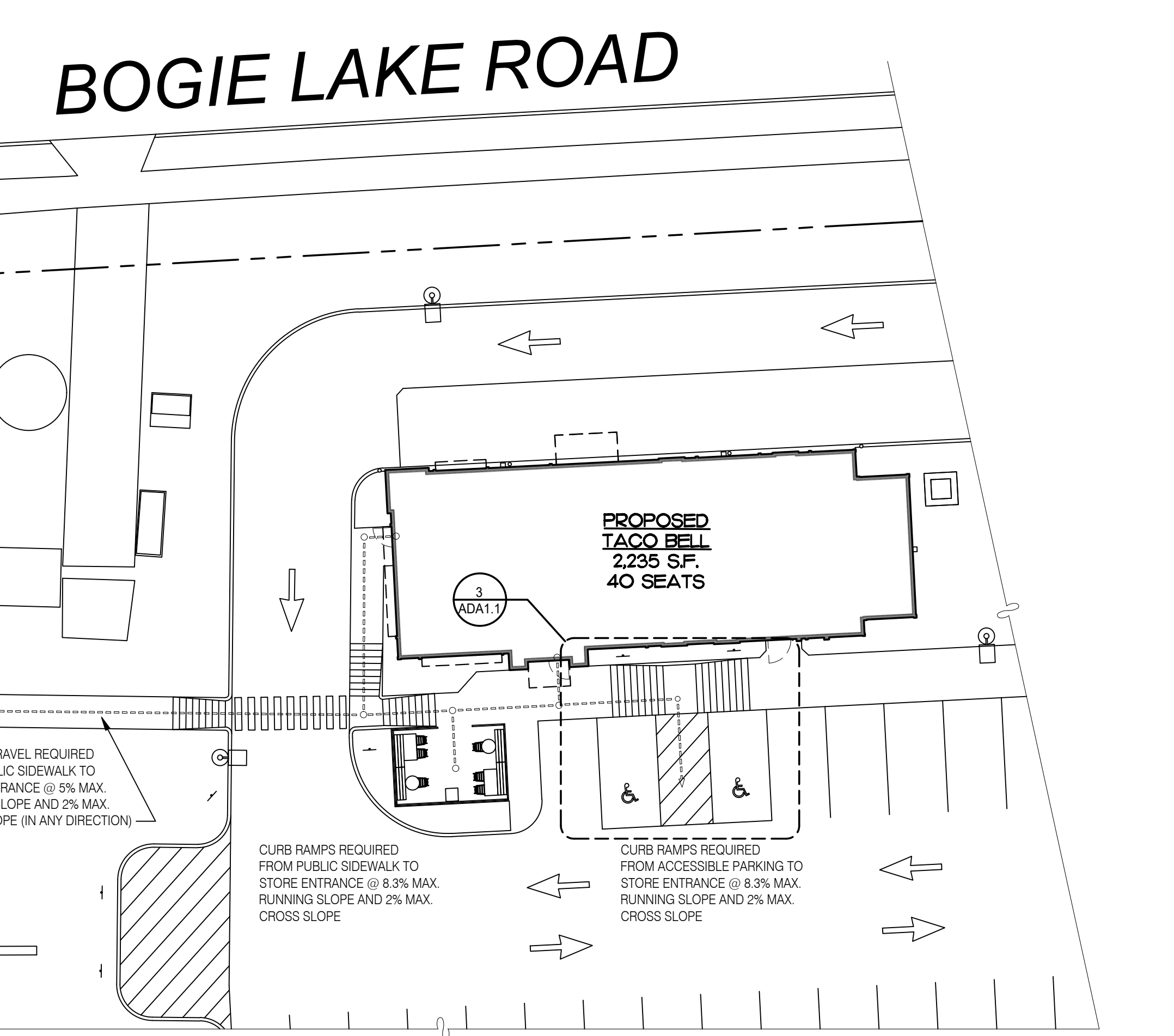
VAN ACCESSIBLE PARKING STALL N.T.S. **11**



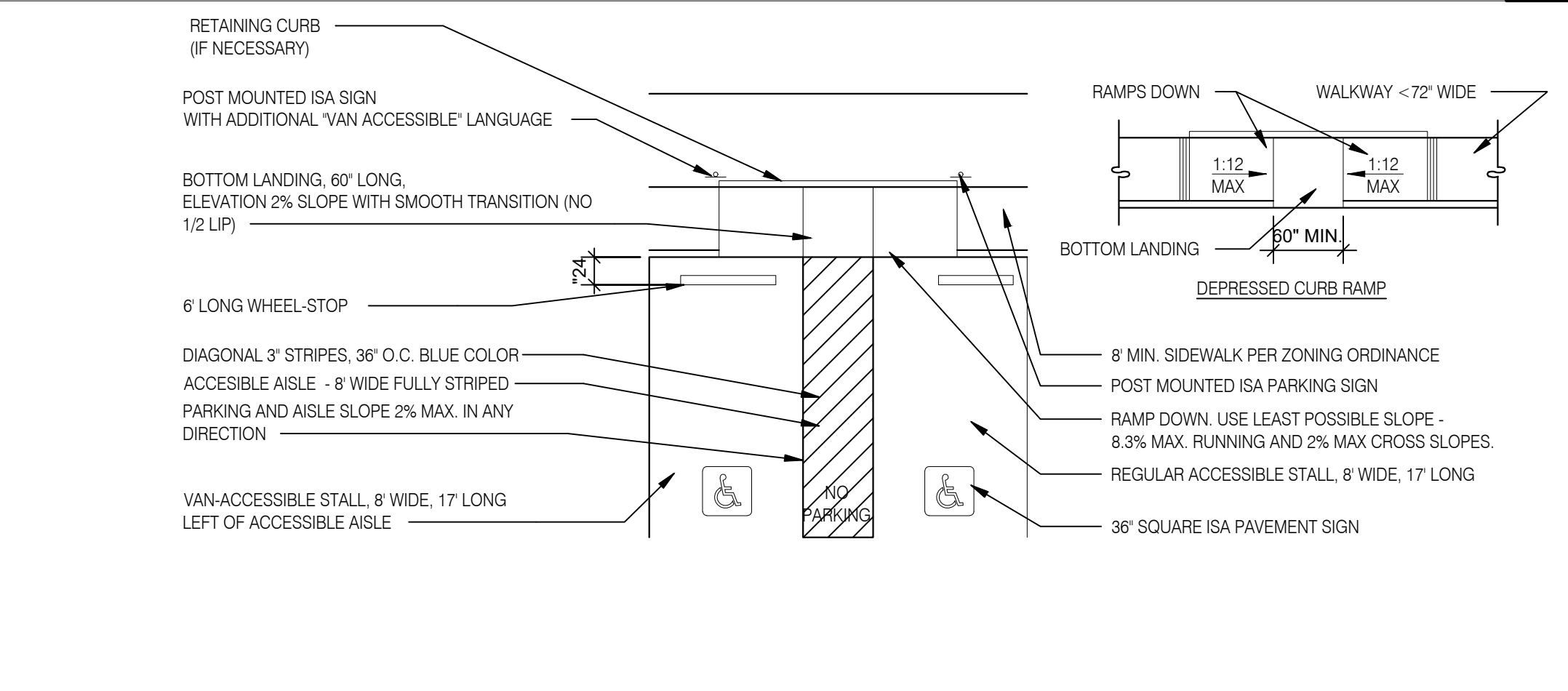
ACCESSIBLE PARKING SIGN N.T.S. **12**



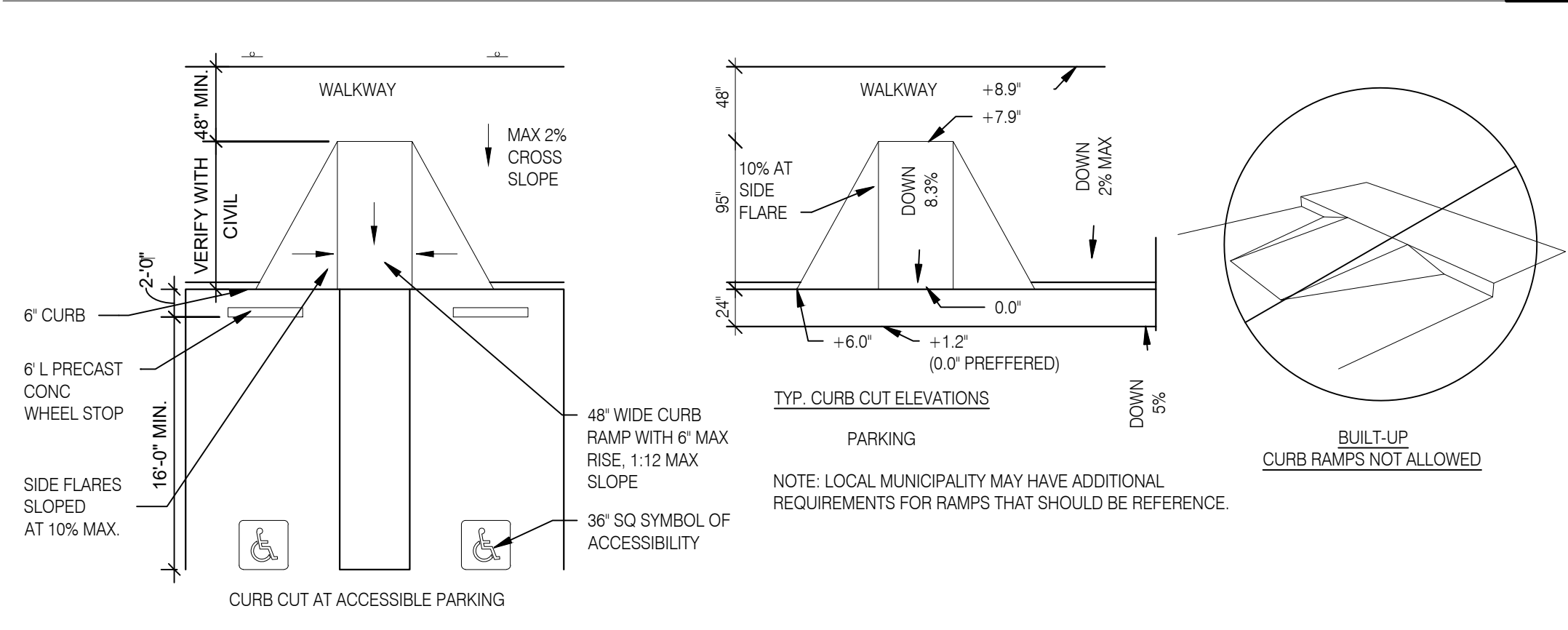
CURB RAMPS-1 N.T.S. **4**



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



VAN ACCESSIBLE STALL & (1) STANDARD ACCESSIBLE STALL N.T.S. **11**



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

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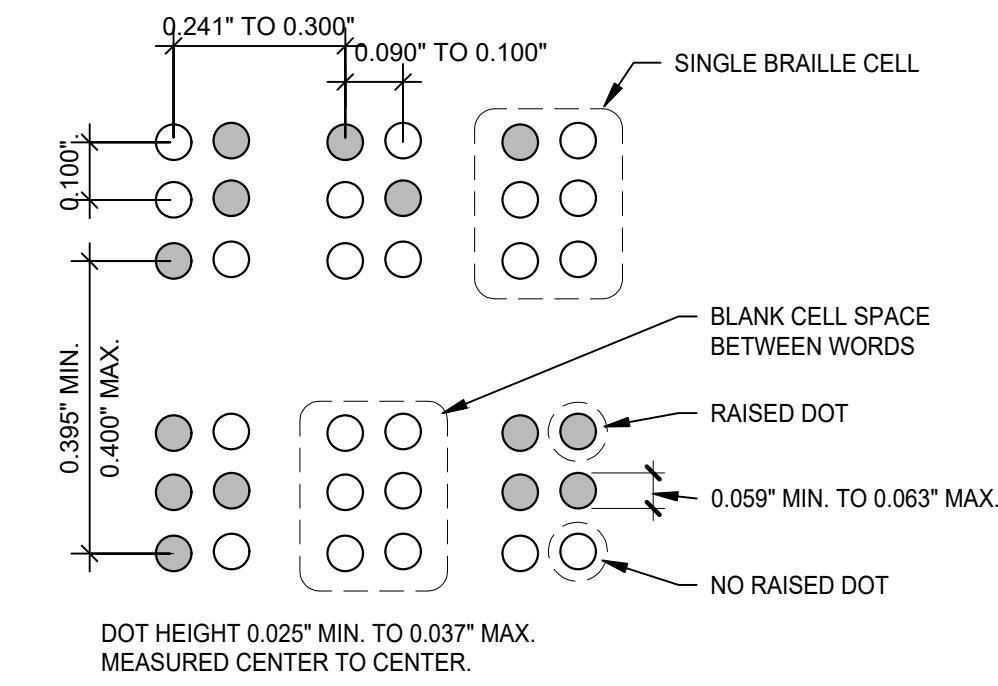
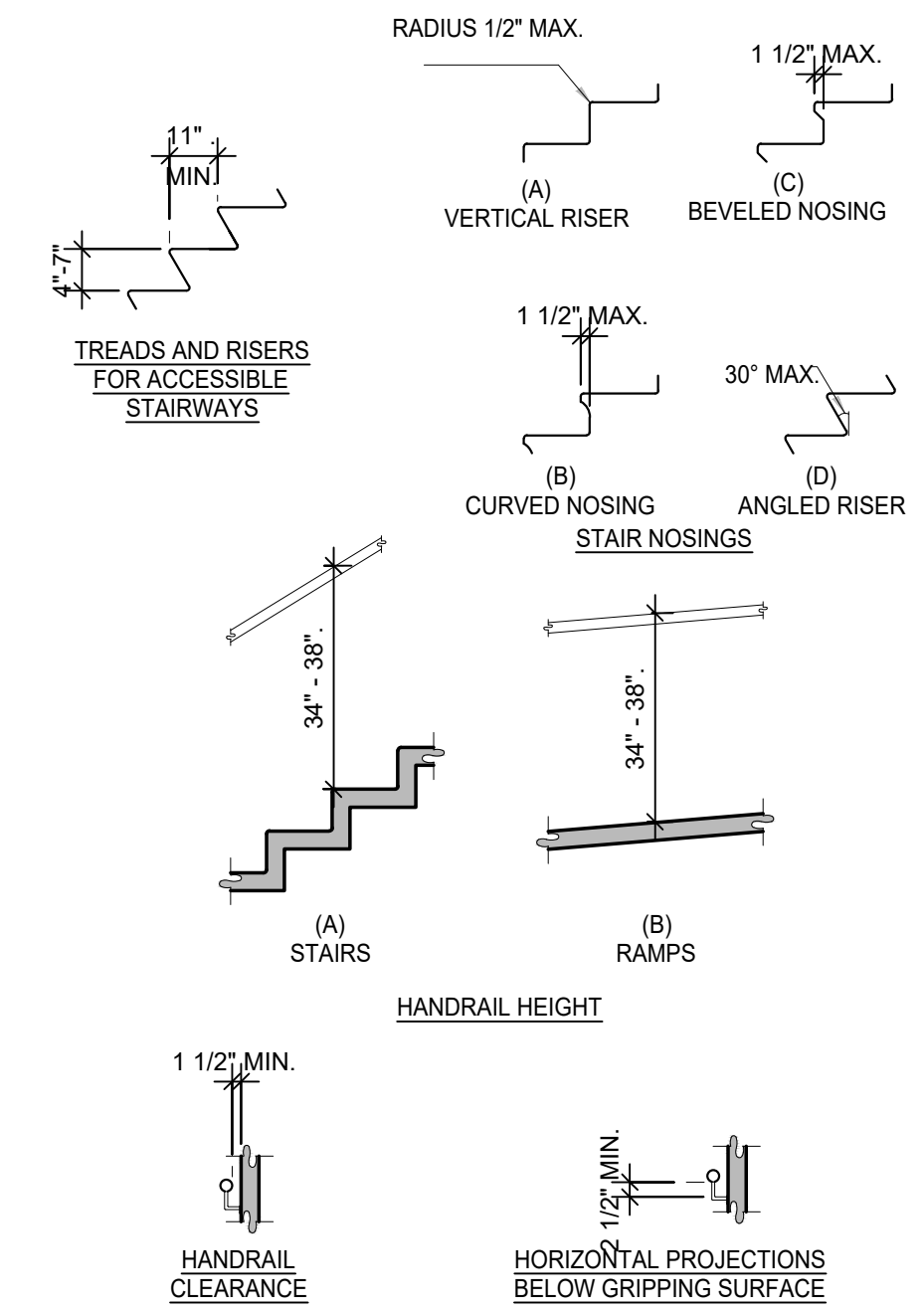
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ENDEAVOR 2.0
ACCESSIBILITY
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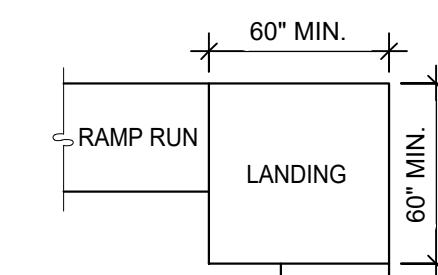
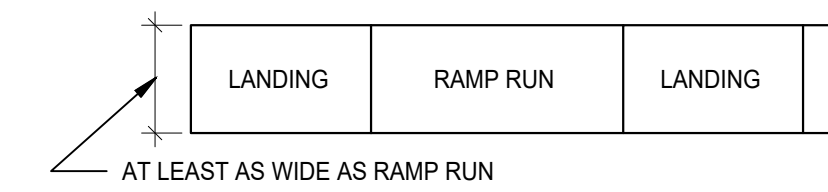
ADA1.1

PLOT DATE: 2/25/2022

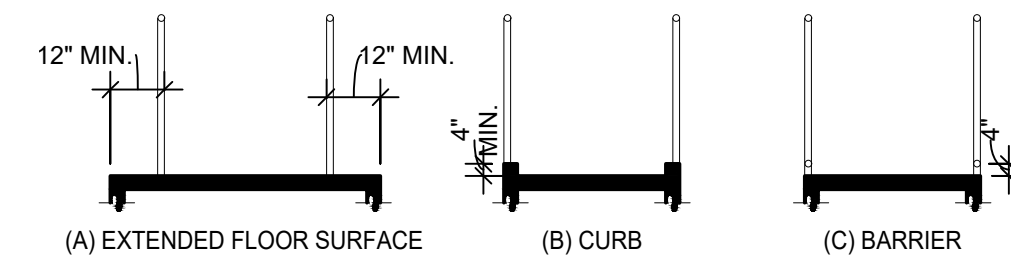
- NOTES:
- OPEN RISERS ARE NOT PERMITTED.
 - TREAD SURFACES SHALL COMPLY WITH (FLOOR OR GROUND SURFACES & CHANGES IN LEVEL) DETAIL.
 - THE LEADING 2" OF THE TREAD SHALL HAVE VISUAL CONTRAST OF DARK-ON-LIGHT OR LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD.
 - HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS 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.



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

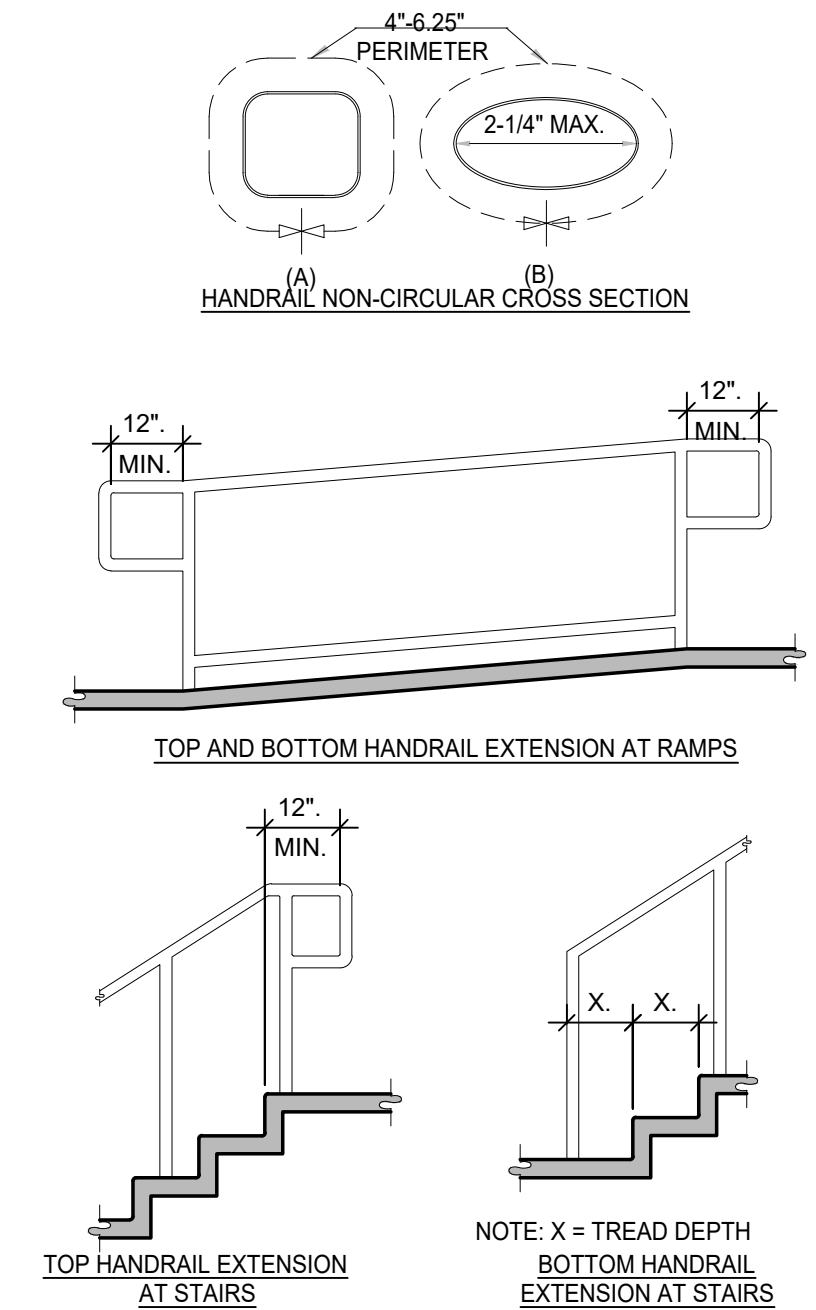


RAMP LANDINGS



EDGE PROTECTION OPTIONS

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



TOP AND BOTTOM HANDRAIL EXTENSION AT STAIRS

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



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ENDEAVOR 2.0
ACCESSIBILITY REQUIREMENTS

ADA1.3

PLOT DATE: 2/25/2022

GENERAL:

- LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS.
- IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFF-SETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT.
- PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

HVAC:

- INSTALLATION SHALL CONFORM TO THE MECHANICAL AND ENERGY CODES FOR NEW NONRESIDENTIAL BUILDINGS.
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- E.C. SHALL PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS. REFER TO SHEETS E3.0 - ELECTRICAL POWER PLAN, SHEET E3.2-ELECTRICAL POWER ROOF PLAN, E6.0 - ELECTRICAL DETAILS - TBCCB, E6.1 - ELECTRICAL DETAILS - TBCCB, E7.0 - ELECTRICAL DETAILS, E7.1 - ELECTRICAL DETAILS.
- M.C. SHALL PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS SHEETS E6.1 AND E7.0 FOR ADDITIONAL LOW VOLTAGE WIRING AND CONENCTIONS.
- PROVIDE ALL REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF AND CHARGE LINES PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS.
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- ALL SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED. ALL RETURN AND SUPPLY DUCT RISERS SHALL BE LINED (NOT WRAPPED).
- ALL SUPPLY / RETURN DUCTS SHALL BE RIGID (EXCEPT AS NOTED/INDICATED AS RIGID ON THE DUCT PLAN), WITH THE EXCEPTION OF THE LAST 5'-0", WHICH MAY BE FLEX. ALL EXHAUST DUCT MUST BE RIGID.
- ROOFTOP UNITS SHALL BE ORDERED WITH FACTORY SUPPLIED AND INSTALLED RETURN SMOKE DETECTORS. WHEN REQUIRED BY MANUFACTURER, SAMPLE TUBE SHALL BE LOCATED PER FIELD INSTALLATION INSTRUCTIONS. DETECTOR SHALL DEACTIVATE THE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SUPPLY SMOKE DETECTOR ONLY IF REQUIRED BY LOCAL CODE.
- ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. PROVIDE TRANSITION AT TERMINATION OF TYPE 1 EXHAUST DUCT TO THE TOP OF THE FAN BASE. TRANSITION MUST BE CENTERED AND HAVE MINIMUM OF 1" SLOPE.
- ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT BRANCH FEEDER. DAMPER SHALL BE MINIMUM 26 GAUGE LOCATED IN A DEDICATED SLEEVE WITH AN AXLE AND LOCKING QUADRANT. NO INSTALLATION OF DAMPERS IN STARTER COLLARS. ALL DAMPER HANDLES SHALL HAVE A FLAG ON THE HANDLE FOR LOCATION PURPOSES.
- ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
- SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ANY HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION, CERTIFICATE OF OCCUPANCY, BUILDING FINAL ETC.
- A FINAL HVAC SYSTEM TESTING AND BALANCING AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER AND SCHEDULED BY GENERAL CONTRACTOR.

CONTRACTOR SHALL CERTIFY COMPLETION OF INSTALLATION, START UP AND PRE-COMMISSIONING CHECKLIST SHOWN ON SHEET SW2.0 BEFORE SCHEDULING OWNER'S INDEPENDENT AGENT. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENTS ARRIVAL, EQUIPMENT NOT WIRED, COMPLETED, TESTED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST FOR SAME SHALL BE ALSO INCURRED BY THE GENERAL CONTRACTOR.

INDEPENDENT AGENTS:

Air Care Experts
TAB@ACE-IAQ.COM
949 770-2222

- WIRE ALL SMOKE DETECTORS IN RTU TO ITS RESPECTIVE REMOTE ANNUNCIATOR/RESET SWITCH. INSTALL "SYSTEM SENSOR" MODEL RTS2AOS. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER SPECIFICATIONS.
- REFERENCE RTU TO TBCCB CONNECTIONS PER E6.1.
- RTU MANUFACTURER FURNISHED THERMOSTATS SHALL BE NON-PROPRIETARY.
- MECHANICAL CONTRACTOR RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
- REFERENCE RTU TO TBANS CONNECTIONS PER E7.1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
- LOW VOLTAGE CONNECTIONS TO SMOKE DETECTORS, REMOTE ENNUCIATORS AND RESETS, HUMIDISTATS, THERMOSTATS, REMOTE SENSORS, TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0 CERTIFICATE.

MECHANICAL NOTES

6

SYMBOL & ABBREV.	DESCRIPTION
	SA/SUP SUPPLY AIR (RISE/DROP)
	RA/RET RETURN AIR DUCT (RISE/DROP)
	EA/EXH EXHAUST AIR DUCT (RISE/DROP)
	CD/SR CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)
	RR/RG RETURN REGISTER/GRILLE
	ER/EG EXHAUST REGISTER/GRILLE
	RECTANGULAR DUCT ELBOW WITH TURNING VANES
	FC FLEXIBLE CONNECTION
	MCD MANUAL VOLUME DAMPER
	FD FIRE DAMPER
	(L) DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)
	SINGLE LINING DUCT BRANCH TAKEOFF
	DUCT TRANSITION (RECTANGULAR TO ROUND)
	FLEX FLEXIBLE DUCT (14'-0" MAXIMUM)
	T-STAT PROGRAMMABLE THERMOSTAT, PROVIDED WITH HVAC PACKAGE
	TS THERMOSTAT SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	H HUMIDITY SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	D CONDENSATE DRAIN
	Ø DIA. DIAMETER
	DL DOOR LOUVER
	UC DOOR UNDERCUT (3/4" MINIMUM)
	(X-X) 0000 MECHANICAL EQUIPMENT DESIGNATION
	R RESET SMOKE DETECTOR RESET

MECHANICAL SYMBOLS

7

REFER TO SCOPE OF WORK IN DIV 23 SPECIFICATION FOR HVAC FOR TEST & BALANCE & COMMISSIONING REQUIREMENTS WHICH WILL BE SUPPLIED BY THE OWNER AND COORDINATED BY THE GC.

MARK	AREA SERVED	FAN DATA						COOLING CAPACITY			HEATING CAPACITY			UNIT ELECT DATA			WEIGHT (LBS.)	MODEL	NOTES
		SUPPLY CFM	MIN. O.A. CFM	ESP	HP	RPM	NOMINAL TONS	MIN CAP (MBH) TOT/SEN	MIN EER	INPUT STAGE (MBH)	OUTPUT STAGES	HEATING STAGES	AFUE %	VOLTS/PH	MCA (A)	MCCP (A)			
RTU-1	DINING	3000	675	0.8	3	743	7.5	93.0/67.9	12.5	180	144	2	80	208/3	45	50	2000	LGH092H4M	1,2,3,4,5,6,7,8,9,10,11,13-16
RTU-2	KITCHEN	6125	1050	1.0	5	1156	17.5	190.8/138.9	12.0	360	288	2	80	208/3	87	100	2560	LGH210H4B	1,2,3,4,5,6,7,8,9,12,13,14,15,16

SCHEDULE NOTES:

- LISTED CAPACITY IS THE UNITS NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 - 78.6°F DB / 67.3°F WB EAT AND 105°F AMBIENT / RTU-2 - 78.0°F DB / 66.3°F WB EAT AND 105°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 91°F & 78°F WB, WINTER -18°F. THERMOSTAT SHALL BE PROGRAMMED FOR 73°F IN SUMMER AND 68°F IN WINTER WITH 2°F ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60°F MINIMUM. SPECIFIED UNITS INCLUDE MINIMUM 2 STAGE COOLING FOR RTU-1, 3 STAGE COOLING FOR RTU-2 LOW AMBIENT CONTROL TO 0 DEG. F AND THROUGH THE ROOF CURB CURB GAS AND POWER CONNECTIONS.
- HINGED ACCESS DOORS (FACTORY PROVIDED).
- 2 INCH MERV 8 FILTER (FACTORY PROVIDED).
- SINGLE ENTHALPY ECONOMIZER/W HOOD (FACTORY PROVIDED).
- LOW LEAKAGE ECONOMIZER WITH FAULT DETECTION(FACTORY PROVIDED).
- STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED).
- CIRCUIT BREAKER DISCONNECT SWITCH(FACTORY PROVIDED).
- RETURN AIR SMOKE DETECTOR (FACTORY PROVIDED).
- STANDARD CAP. (FACTORY PROVIDED).
- PHASE MONITOR (FACTORY PROVIDED).
- MULTI-STAGE AIR VOLUME (FACTORY PROVIDED).
- CONSTANT AIR VOLUME (FACTORY PROVIDED).
- 18' ROOF CURB (FIELD INSTALLED).
- COMFORT SENSE 7500 THERMOSTAT (FIELD INSTALLED).
- GFCI (FIELD WIRED, FACTORY INSTALLED).
- HOT GAS REHEAT DEHUMIDIFICATION OPTION, HUMIDITY SENSOR KIT. MOUNTED IN RETURN AIR IN UNIT.

DESIGNER NOTE:

- TACO BELL CORPORATE RTU UNITS BASIS OF DESIGN IS LENNOX. TRANE AND YORK MAY BE USED AS FRANCHISE OPTION. SUBJECT TO ENGINEER APPROVAL FOR REQUIRED SPECIFICATIONS.
- IF REQUIRED, HOT GAS REHEAT DEHUMIDIFICATION OPTION TO BE INCLUDED. HUMIDITY SENSOR TO BE MOUNTED IN THE RETURN AIR AT THE UNIT. THIS OPTION IS REQUIRED FOR DESIGN WET BULB TEMPERATURE 74 DEG. F AND ABOVE.
- PROJECT LOCATED WITHIN 5 MILES (OR AREAS PRONE TO STRONG WINDS FROM A SALT WATER BODY) REQUIRE FACTORY CORROSION PROTECTION ON EVAPORATOR AND CONDENSER COILS.

HVAC UNIT SCHEDULE

1

Mark	FAN DATA					VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES
	CFM	ESP	RPM	HP						
EF-1	1050	0.9	1344	1/2		120/1	DIRECT	STRATOVENT	#SVDJ50HFA	1,3,5,6,7,8,10
EF-2	570	0.375	1025	1/4		120/1	DIRECT	STRATOVENT	#SVDJR30HFA	2,4,7,8,9,10,11

REMARKS:

- UL 762 LISTED (GREASE)
- UL 705 LISTED (HEAT OR STEAM)
- FLAT ROOF CURB, 19.5" X 19.5" X 26", VENTED
- FLAT ROOF CURB, 19.5" X 19.5" X 14"
- GREASE CUP WITH DRAIN
- FACTORY ATTACHED HINGES
- WEATHERPROOF PRE-WIRED DISCONNECT SWITCH
- PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER
- GRAVITY BACKDRAFT DAMPER
- PROVIDED BY OWNER WITH HOOD PACKAGE
- PRVIDED WITH DAMPER TRAY

SUPPLY AND EXHAUST FAN SCHEDULE

2

MARK	NECK SIZE	FACE SIZE OR GRID SIZE	(NO.) & AIR PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
E-1	8"X8"	12x12	-	EXHAUST	200	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CCSS-1/50F	FRN SQR TO RND ADAPTER
E-2	10"X10 10"X10'	12x12	-	EXHAUST	300	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CCS-FB-TB/50F-NT	FRN SQR TO RND ADAPTER
R-1	22x22	24x24	-	RETURN	2000	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	RHE-6/50FF	HINGED/FULLY REMOVABLE FACE
S-1	15"X15"	24x24	4W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA-NT	FRN SQR TO RND ADAPTER
S-2	9"X9"	14x14	4W	SUPPLY	250	SURFACE	ALUMINUM	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQR TO RND ADAPTER
S-3	SEE PLANS	24x24	4W	SUPPLY	700	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-1/TDC-AA	PLASTIC MODULAR CORE
S-4	22"X22"	24x24	4W	SUPPLY	600	LAY-IN	MODULAR PLASTIC CORE	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER

NOTES:

- SURFACE MOUNTED DIFFUSERS IN HARD CEILINGS SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

AIR DEVICE SCHEDULE

3

FOR COMPLETE INFORMATION AND PRICING ON THE TRANE HVAC PACKAGE CONTACT MARTY CUSICK, THE YUM! BRANDS ACCOUNT EXECUTIVE AT TRANE NATIONAL ACCOUNTS. TOLL-FREE PHONE: (866) YUM-HVAC or (866) 966-4822 FAX: (502) 499-7870 EMAIL: mjcusick@trane.com

TACO BELL HAS A NATIONAL HVAC AGREEMENT WITH LENNOX NATIONAL ACCOUNTS. FOR QUOTES & TECHNICAL SPECIFICATIONS CONTACT BY EMAIL AT YUM!@LENNOXIND.COM OR 800-367-6285 ACCOUNT MANAGER BRAD SMITH

TACO BELL HAS A NATIONAL HVAC AGREEMENT WITH YORK NATIONAL ACCOUNTS. FOR QUOTES & TECHNICAL SPECIFICATIONS, PLEASE CONTACT MATT MCNAIR, YORK PRODUCT APPLICATION ENGINEER AT 800-481-9738, FAX 866-406-9675. FOR ALL OTHER INQUIRIES, PLEASE CONTACT NATALIE DEROUISSE, YORK NATIONAL ACCOUNT SALES MANAGER AT 405-419-6416.

TRANE, LENNOX AND YORK HAVE AGREED TO SUPPLY AN HVAC PACKAGE CONSISTING OF THE ROOF-TOP UNITS, CURBS, THERMOSTATS, TEMPERATURE SENSORS (REMOTE), AND HUMIDITY SENSORS (REMOTE). RTUS AS SPECIFIED INCLUDE AN UNPOWERED CONVENIENCE OUTLET (SEE ELECTRICAL) AND AN HACR CIRCUIT BREAKER WHICH PROVIDES UNIT DISCONNECT.

FOR HVAC TEST AND BALANCE, G.C. TO SCHEDULE WITH TACO BELL'S PREFERRED VENDOR PER SCOPE OF WORK WORKSHEETS. BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH NATIONAL DESIGN.

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

AIR BALANCE SCHEDULE CFM

5

ITEM	OA	RA	SA	EA	PRESSURE
EF-1	--	--	--	-1050	-1050
EF-2	--	--	--	-570	-570
RTU-1	675	2425	3100	--	+675
RTU-2	1050	5075	6125	--	+1050
TOTAL	1700	7525	9225	-1620	+80

NOTES:

- THE OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 21% FOR RTU-1 AND 17.1% FOR RTU-2.
- ADJUST OUTSIDE AIR INTAKES TO MAINTAIN VALUES AT ALL EVAPORATOR FAN SPEEDS.

AIR BALANCE SCHEDULE CFM

4



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PHONE (248) 524-4700 FAX (248) 524-9746

PROJECT # 20023

DATE	REMARKS
1 02-25-22	Issued for Bids

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, L.L.C.

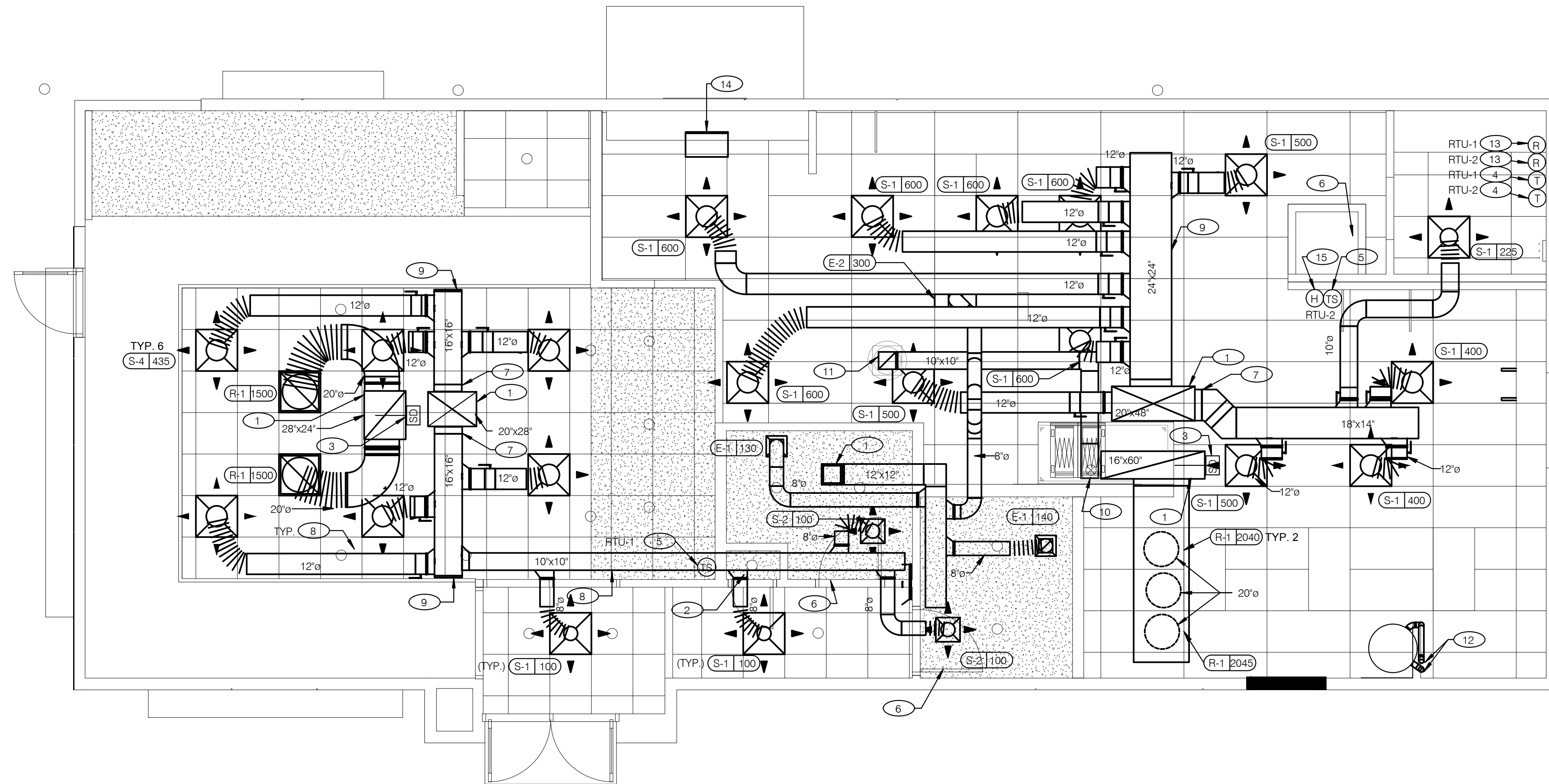
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES

M1.0

PLOT DATE: 11/18/2021



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.

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.
4. COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.

GENERAL NOTES - MECHANICAL C

- 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.

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

- 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 MANUFACTURERS 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 120/160 POWER CONNECTION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- 15 HUMIDITY SENSOR (REMOTE) WHEN REQUIRED FOR HOT GAS REHEAT RTU OPTION. HUMIDITY SENSOR SHALL BE PLACED IN RETURN AIR DUCTWORK. RUN 24 VAC POWER AND SIGNAL CONDUCTORS IN TWO (2) SEPARATE TWO (2) CONDUCTOR CABLES, 18 AWG. SEE MANUFACTURERS INSTALLATION INSTRUCTIONS.

KEYNOTES - DUCT AND DIFFUSER B



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 PROJECT # 20023

DATE	REMARKS
02-25-22	Issued for Bids

CONTRACT DATE:
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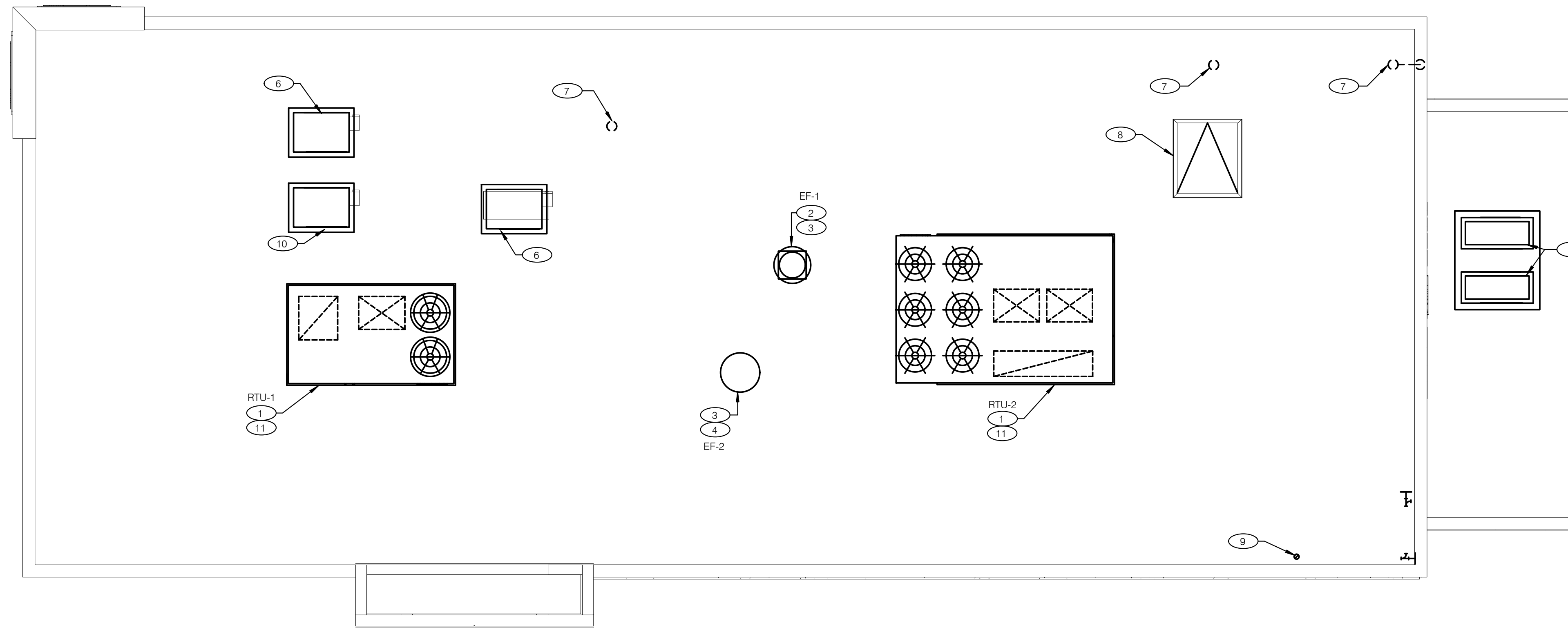
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 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0 DUCT AND DIFFUSER PLAN

M2.0

PLOT DATE: 11/18/2021



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.

MECHANICAL ROOF PLAN = 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 B



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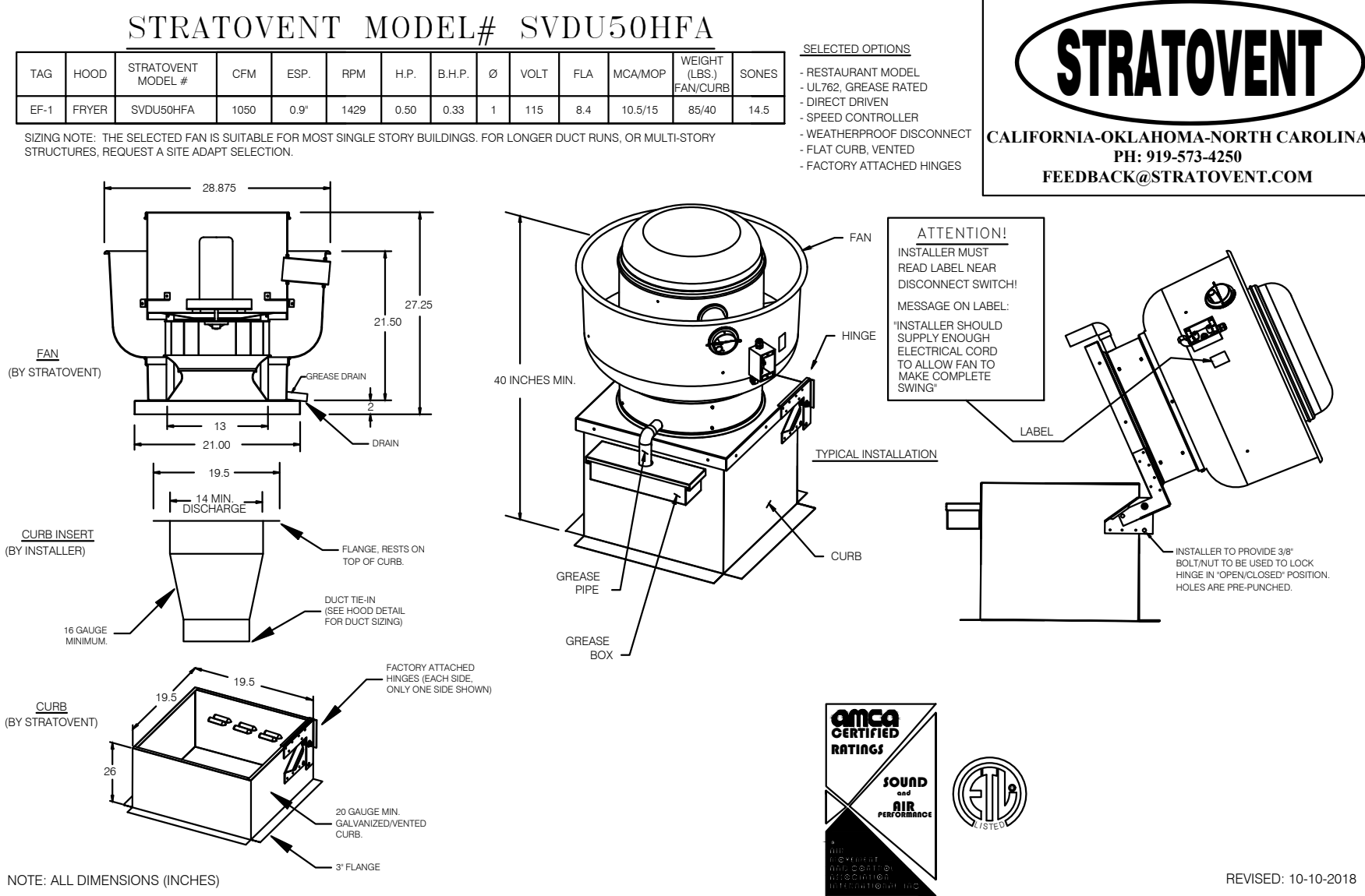
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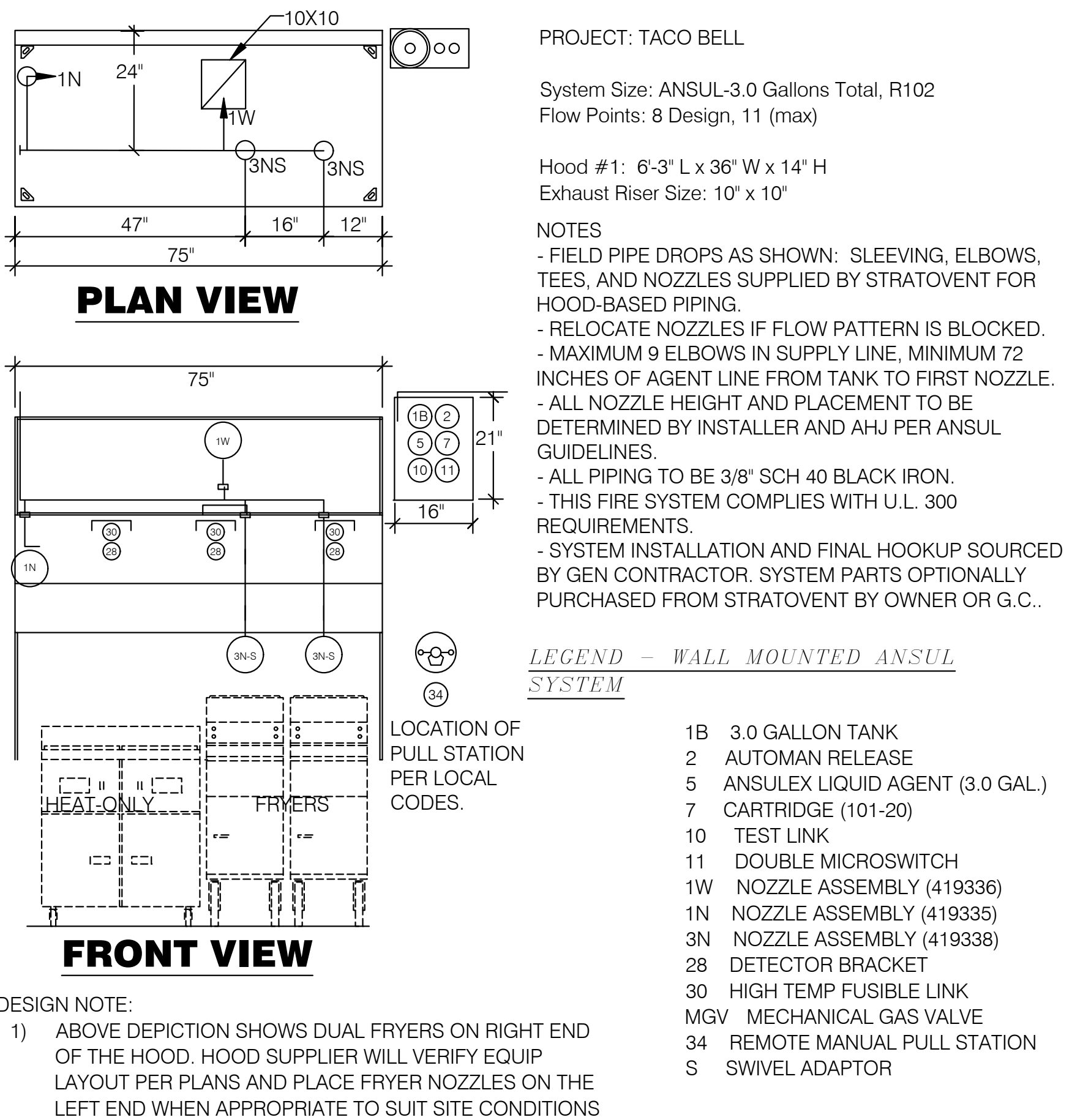
ENDEAVOR 2.0 MECHANICAL ROOF PLAN

M2.1

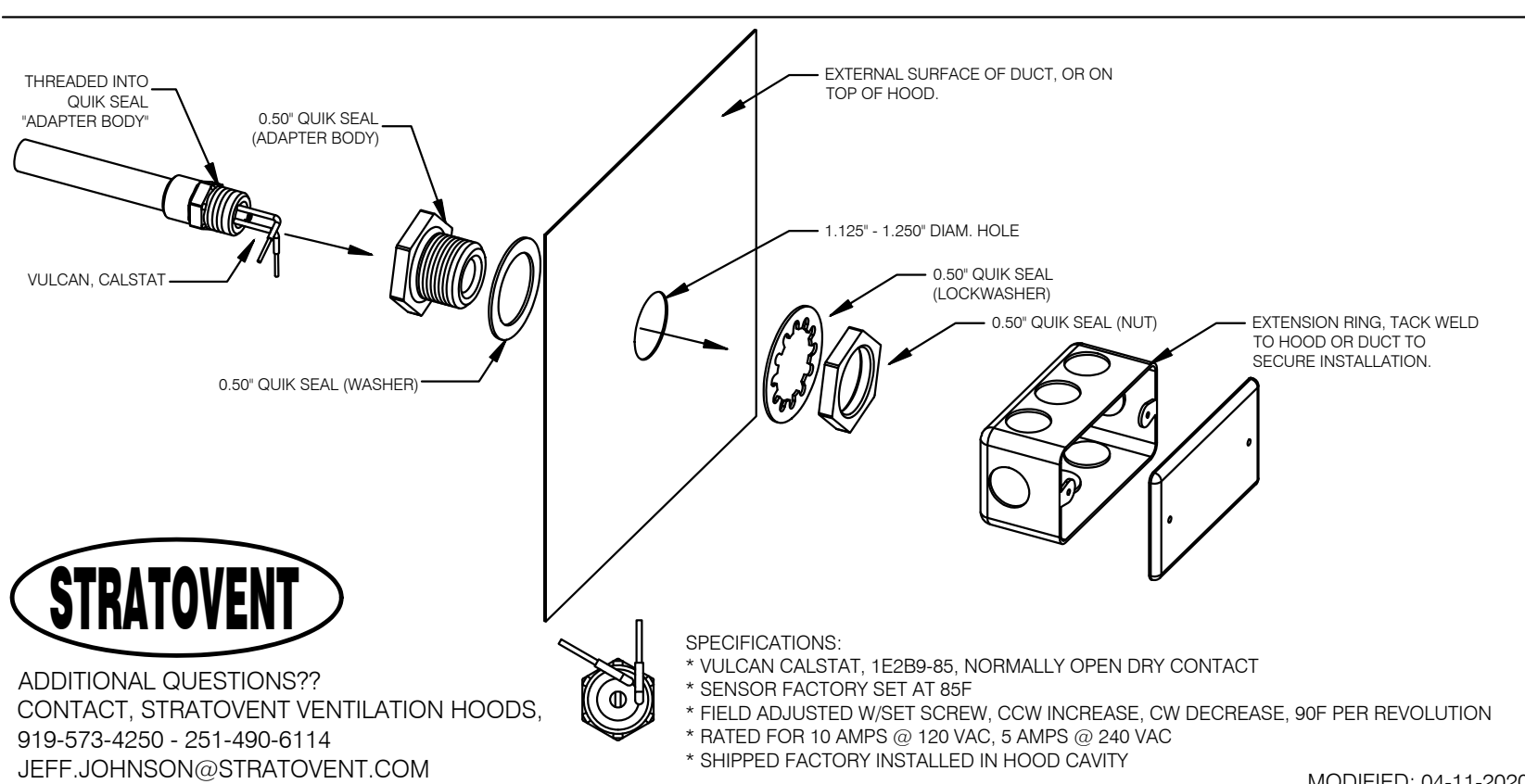
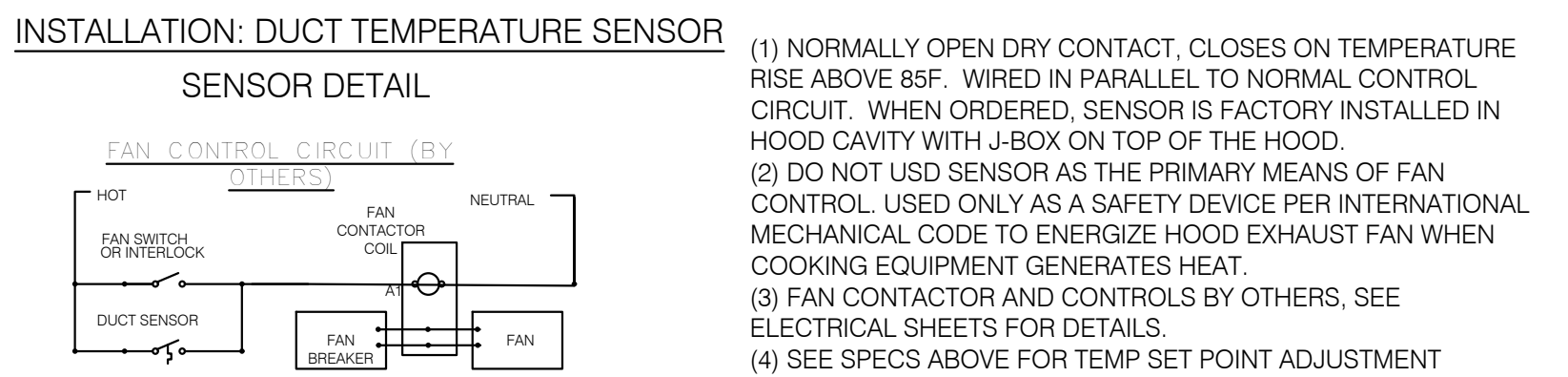
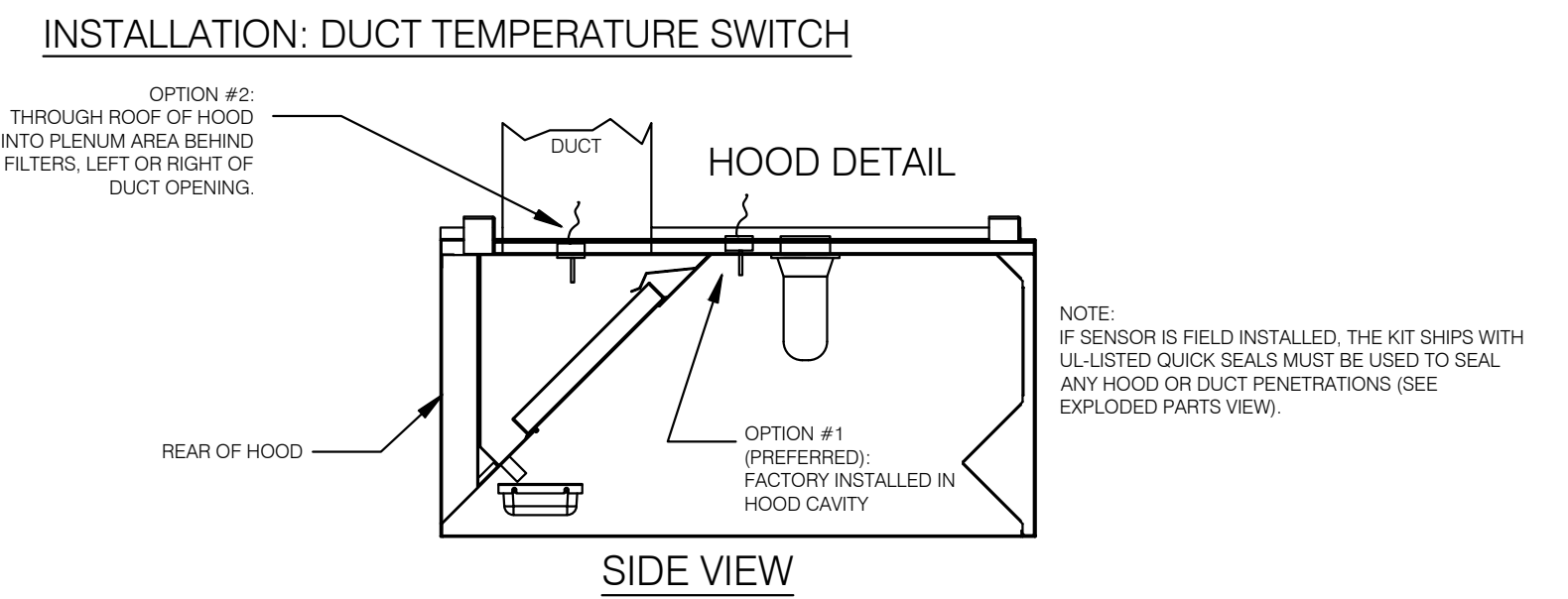
PLOT DATE: 11/18/2021



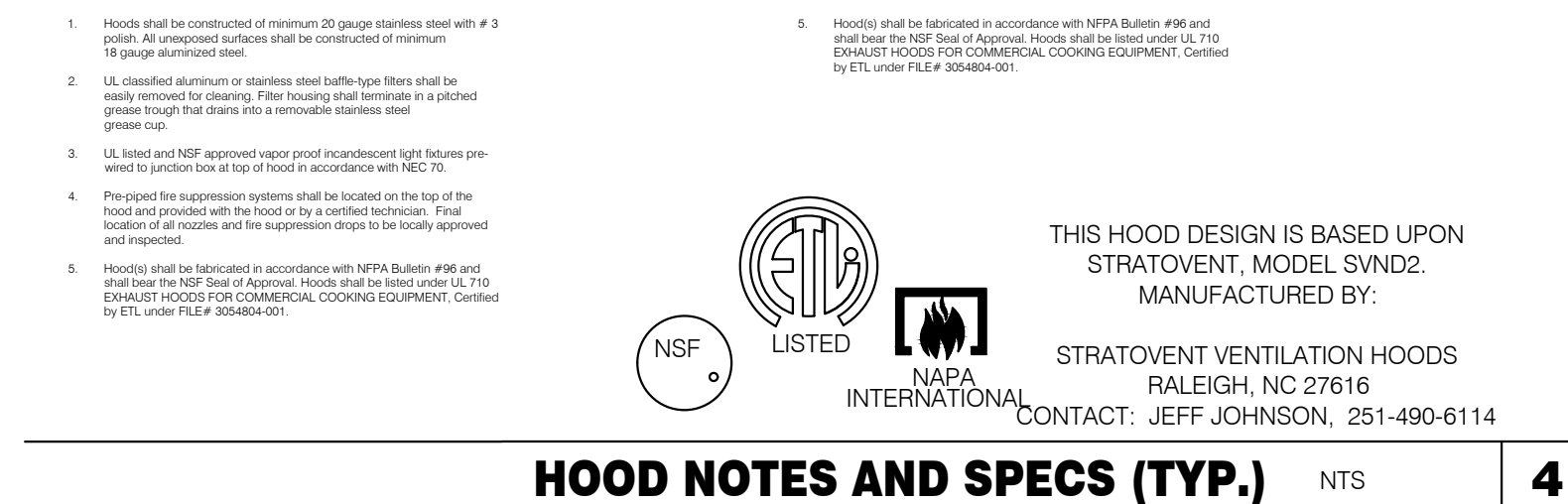
HOOD EXHAUST FAN DETAIL NTS **7**



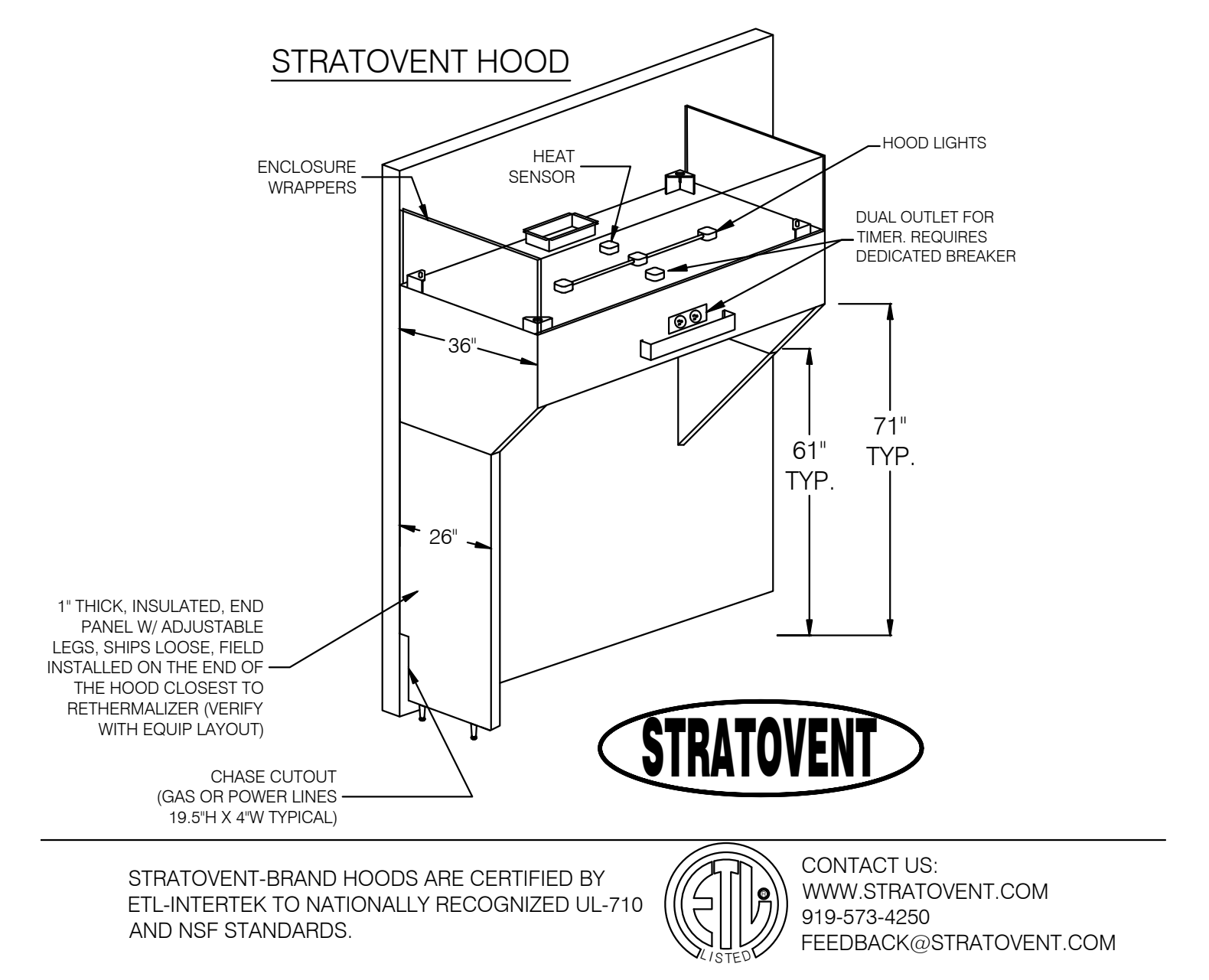
TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN 12" = 1'-0" **6**



HEAT SENSOR ATTACHMENT NTS **5**



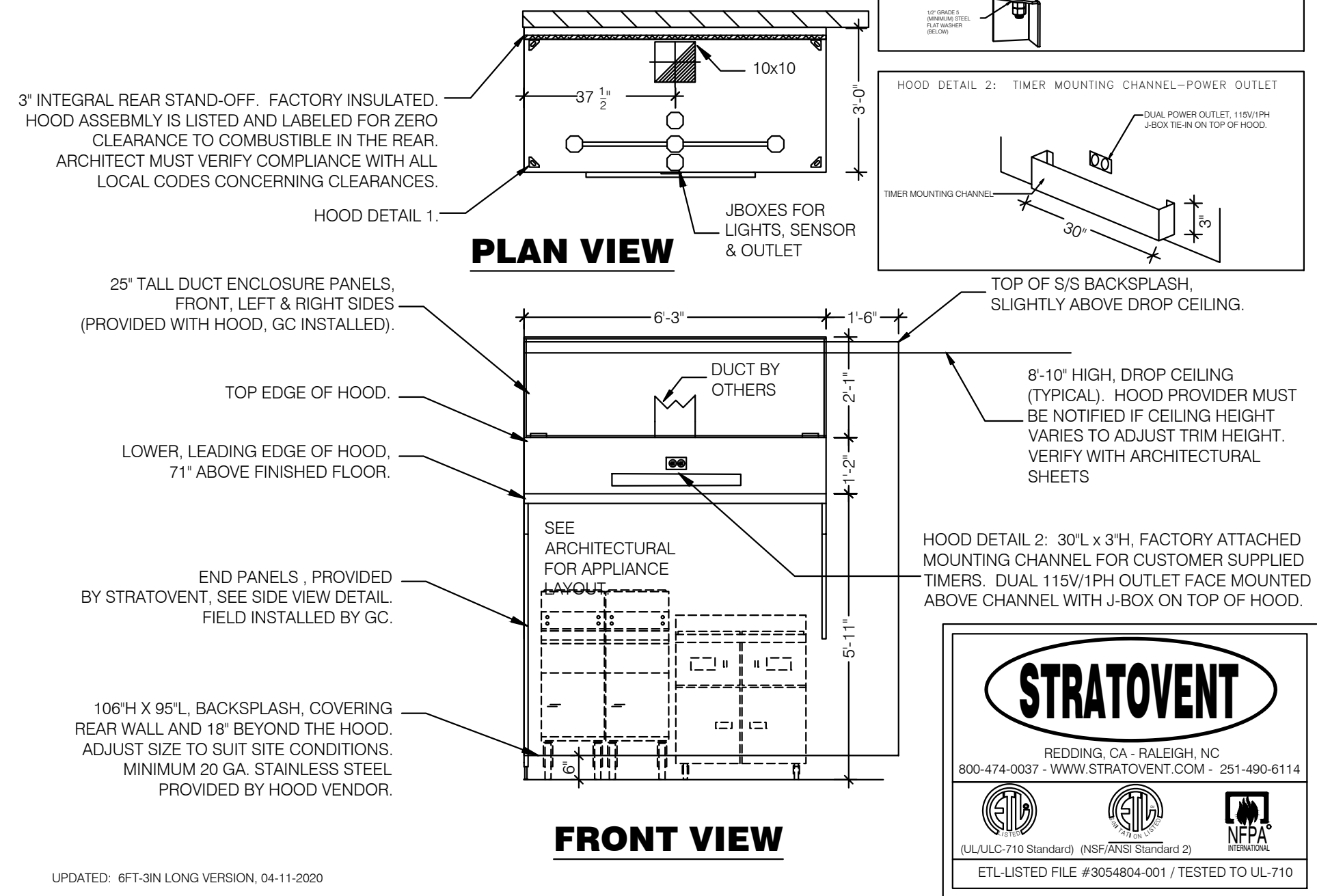
HOOD NOTES AND SPECS (TYP.) NTS **4**



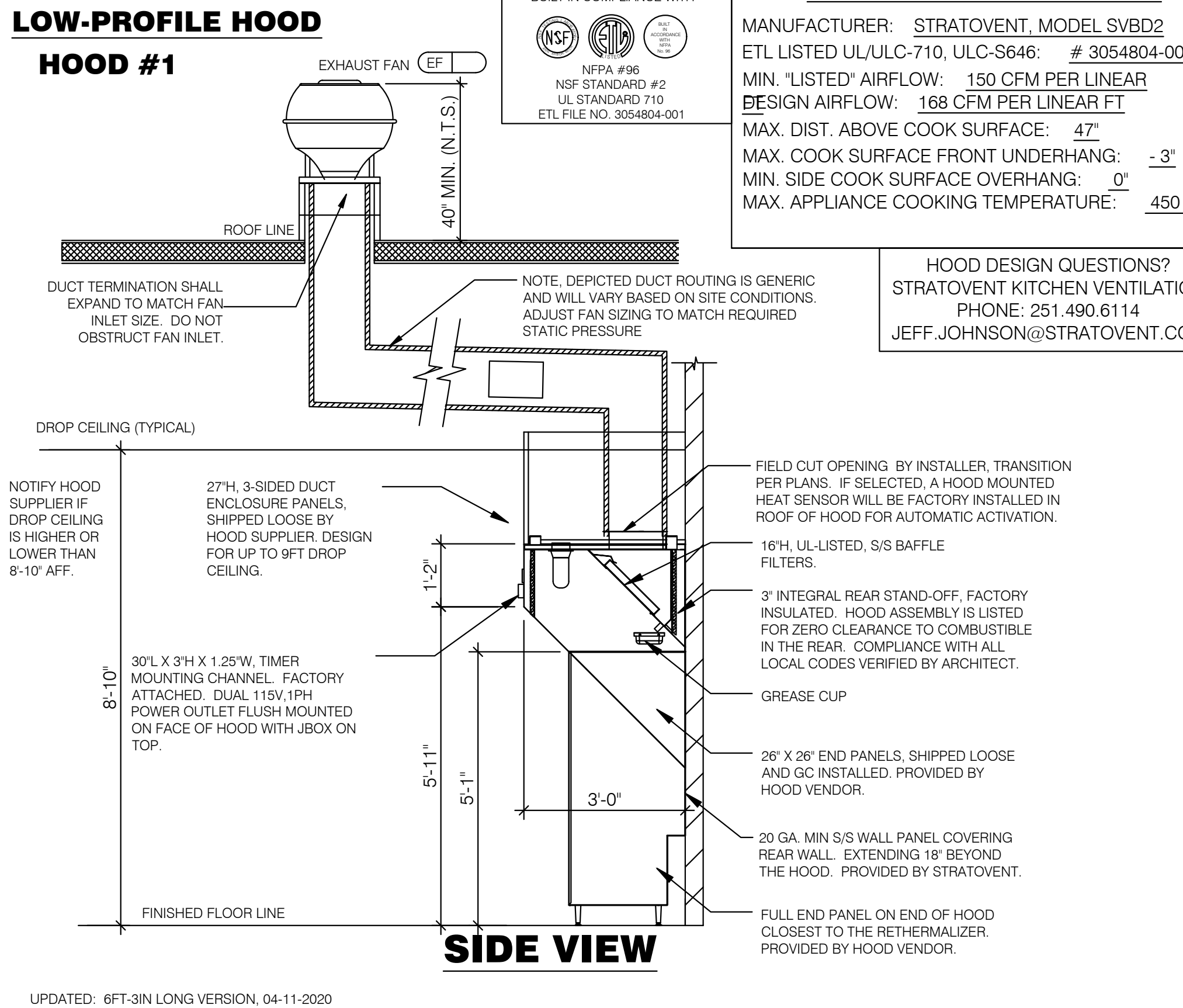
HOOD ISOMETRIC 12" = 1'-0" **3**

HOOD #	1 OF 1	MODEL #	STRATOVENT SVBD2
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 SVBD2 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.



TACO BELL HOOD DETAIL NTS **2**



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



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 Phone 248.528.2570 Fax 248.528.1642
 www.eam-engineers.com jeam@eam-engineers.com
 Job No.: 273-21093



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

PROJECT # 20023

DATE	REMARKS
1 02-25-22	Issued for Bids

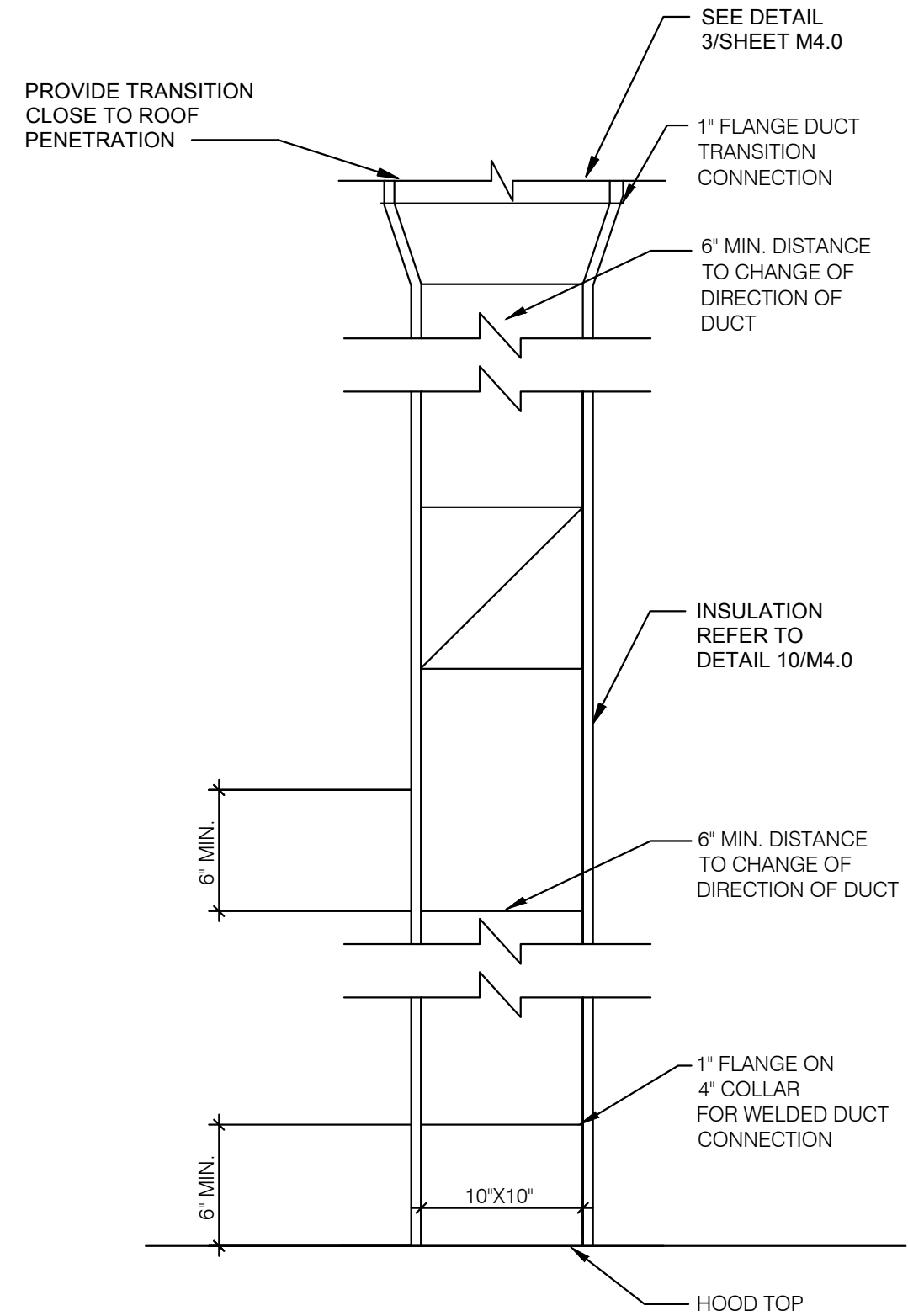
CONTRACT DATE:
 BUILDING TYPE: END. MED 40
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER:
 SITE NUMBER:
 STORE NUMBER:
 PA/PM:
 DRAWN BY:.
 JOB NO.:

GREAT LAKES TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383

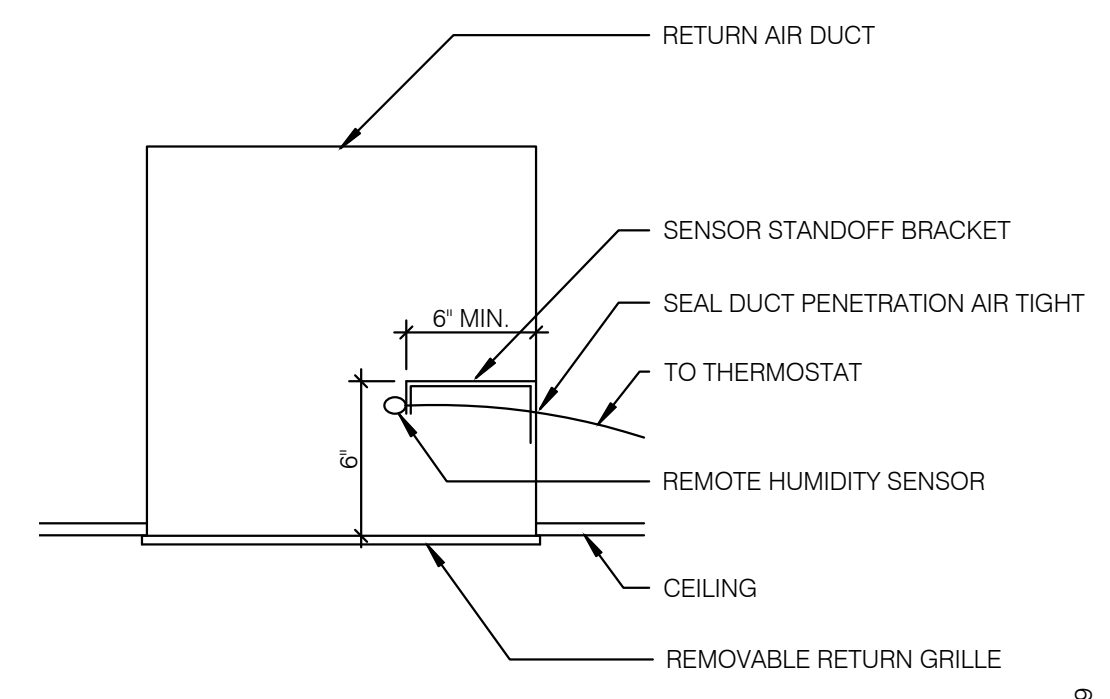


ENDEAVOR 2.0 HOOD DETAILS AND SECTIONS

M3.0

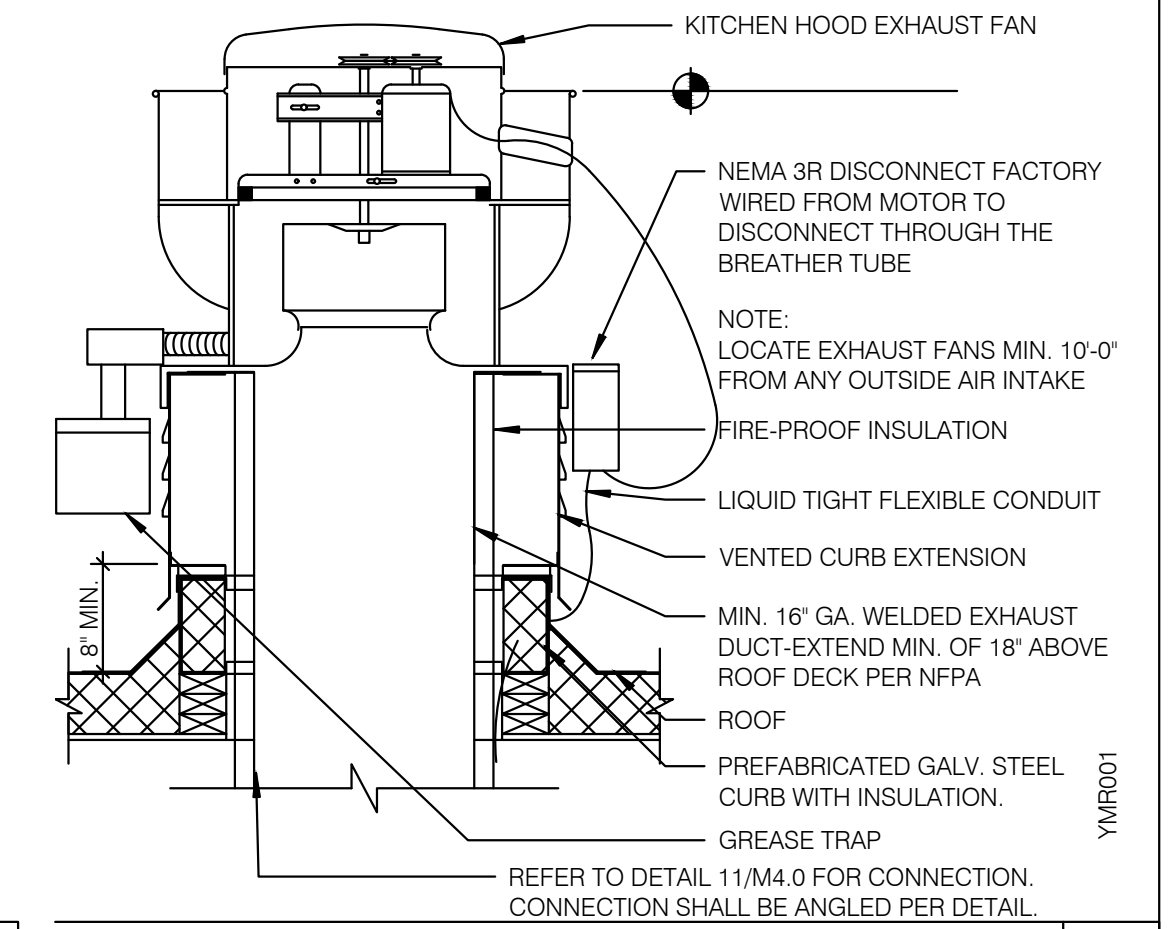


TB HOOD DUCT TRANSITION NTS **11**

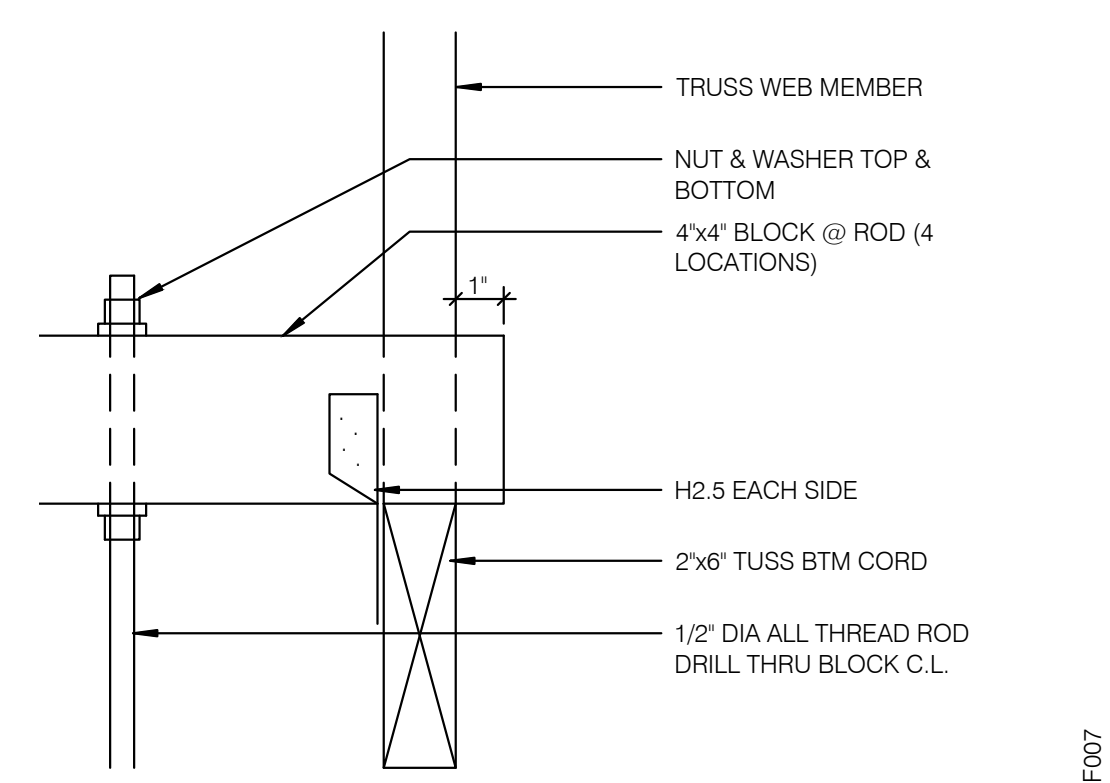


REMOTE HUMIDITY SENSOR NTS **8**

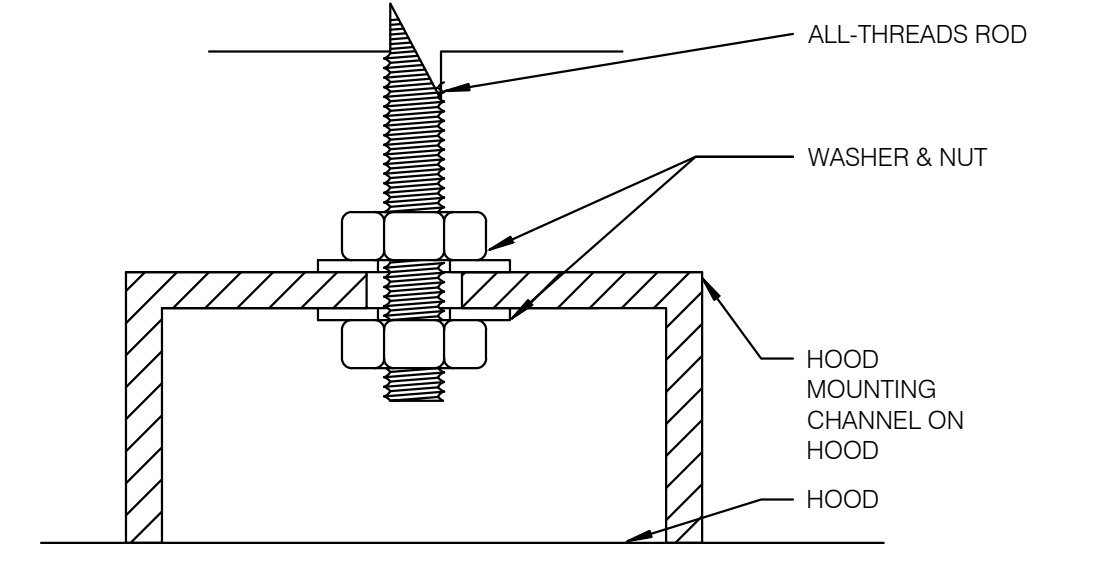
NOT_USED NTS **6**



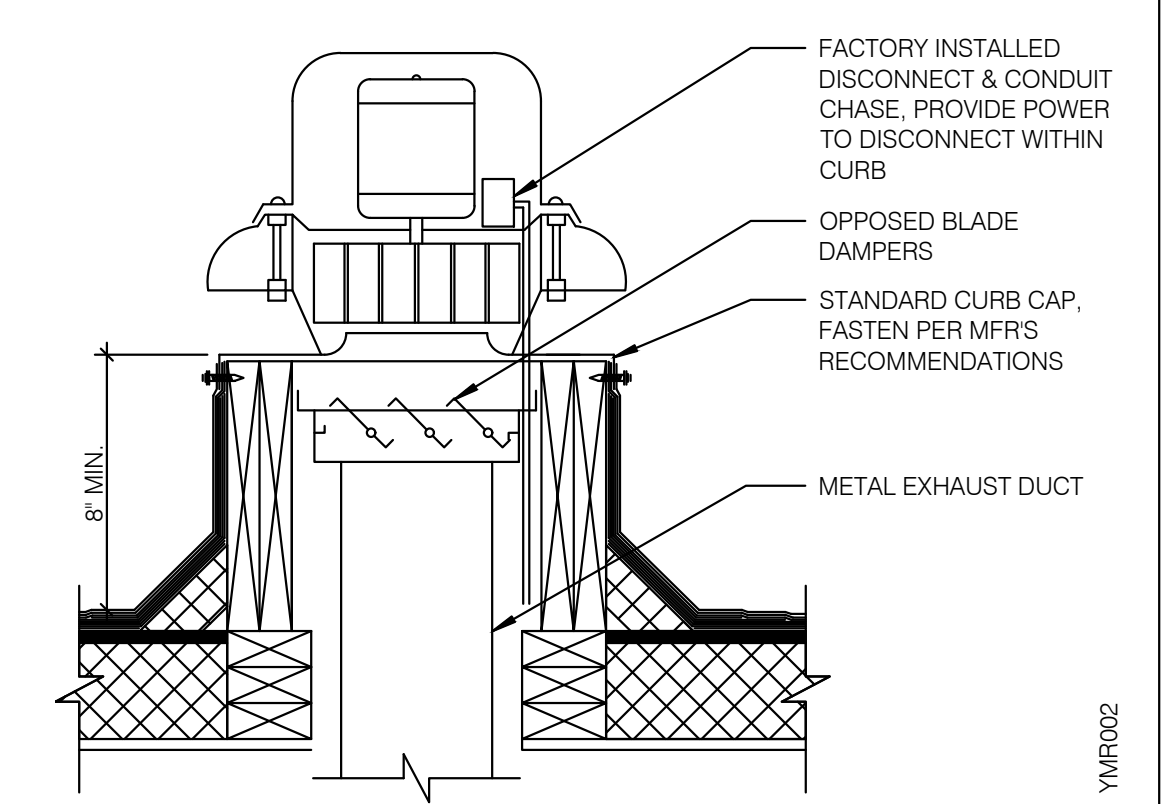
EXHAUST FAN (EF-1) NTS **3**



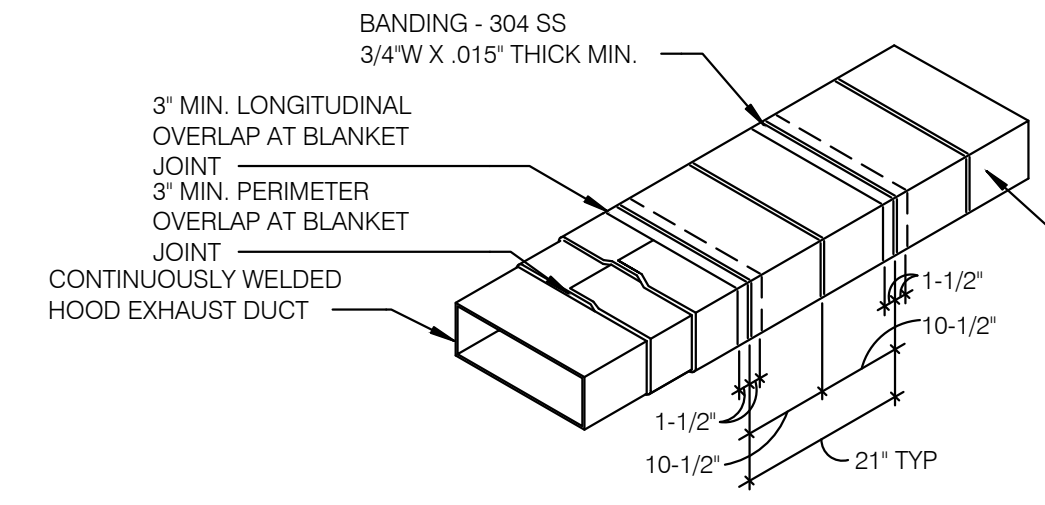
ROD ATTACHMENT NTS **7**



BOLT CONNECTION TO HOOD NTS **5**

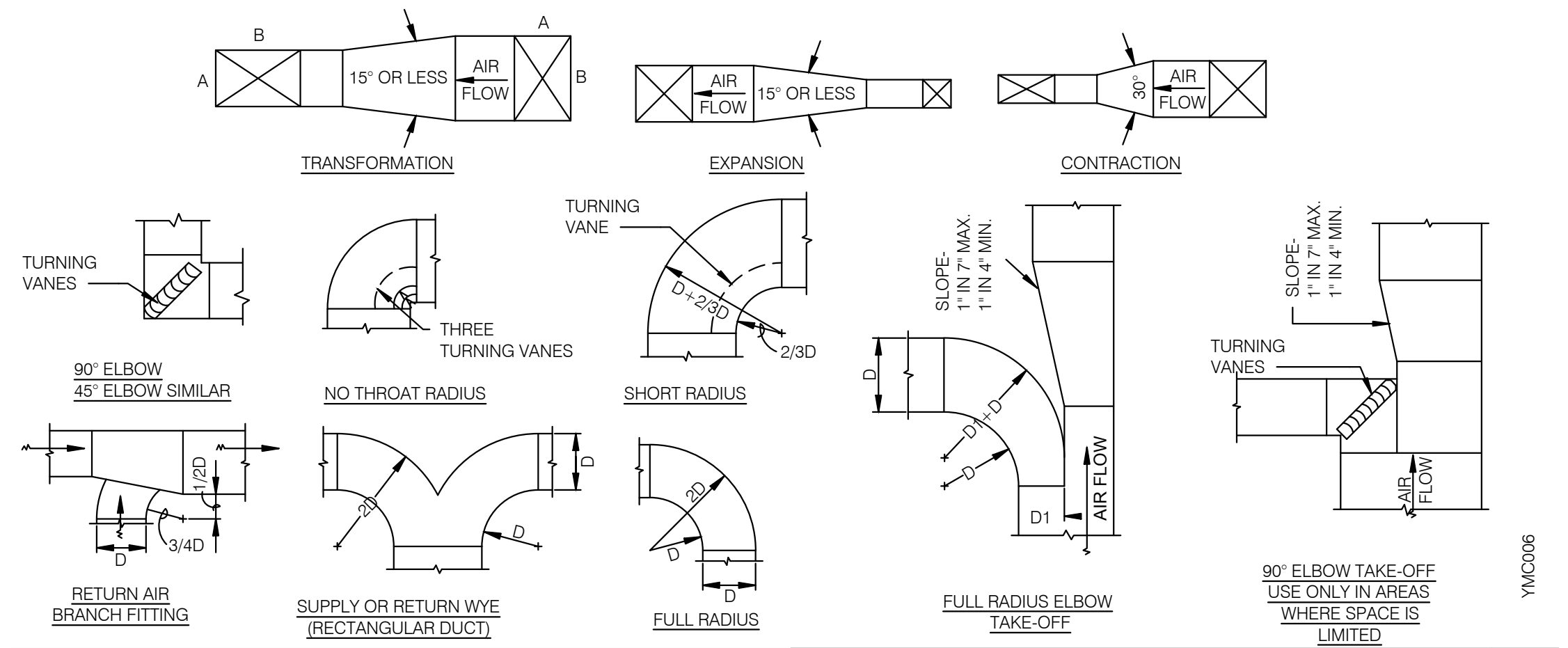


RESTROOM FAN (EF-2) NTS **2**

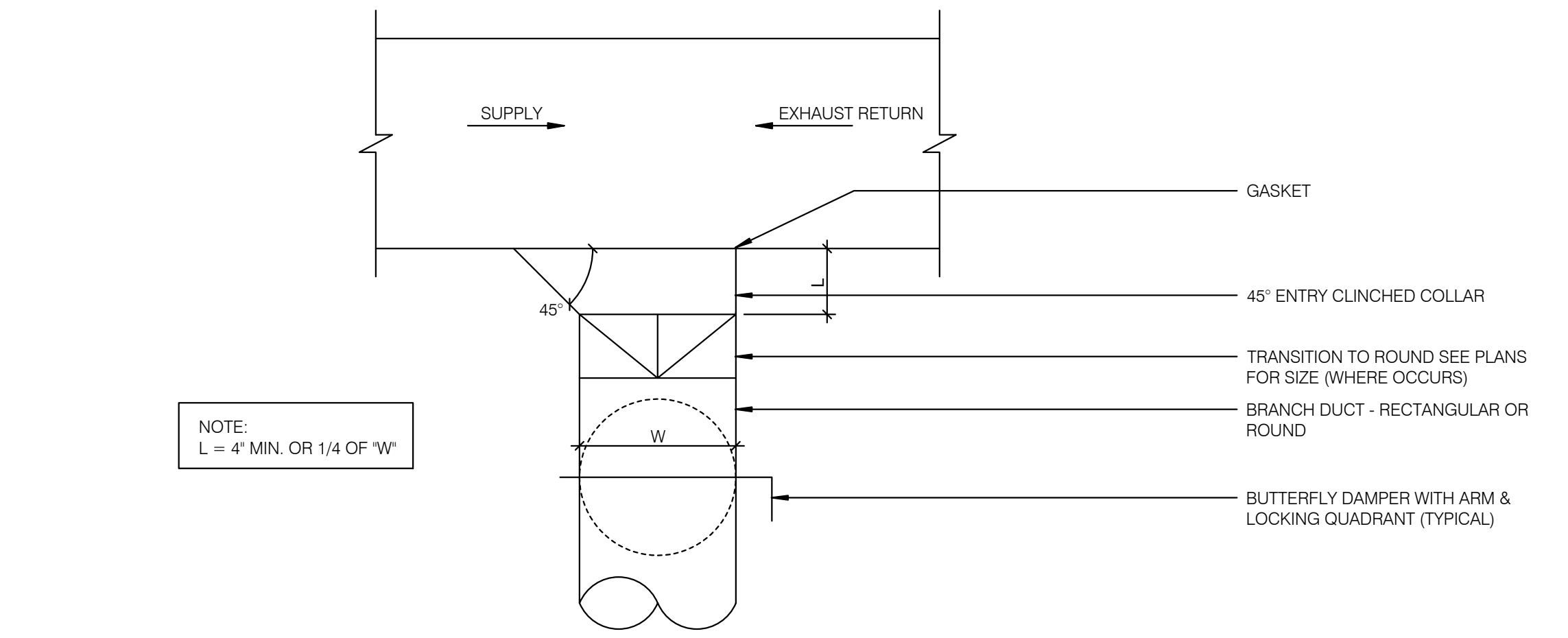


- NOTES:**
1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18" MIN. BELOW ROOF DECK.
 2. FOR HORIZONTAL RUNS OF EXHAUST DUCTS PROVIDE TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2" HANGER RODS A MAXIMUM OF 6' FROM INSULATION EDGE. TRAPEZE SUPPORTS SHALL BE SPACED A MAXIMUM OF 60" ON CENTER FROM CENTERLINE OF VERTICAL EXHAUST DUCT.
 3. SLOPE HORIZONTAL EXHAUST DUCT RUNS A MINIMUM OF 1/4" PER FOOT (2% SLOPE) TOWARDS EXHAUST HOOD.
 4. PROVIDE INSULATED ACCESS DOOR OR PANEL NEAR MID POINT OF EXHAUST DUCT RUN FOR CLEANING AND INSPECTION OF DUCT. PROVIDE AN APPROVED SIGN ON ACCESS DOOR OR PANEL WHICH READS "ACCESS PANEL DO NOT OBSTRUCT"

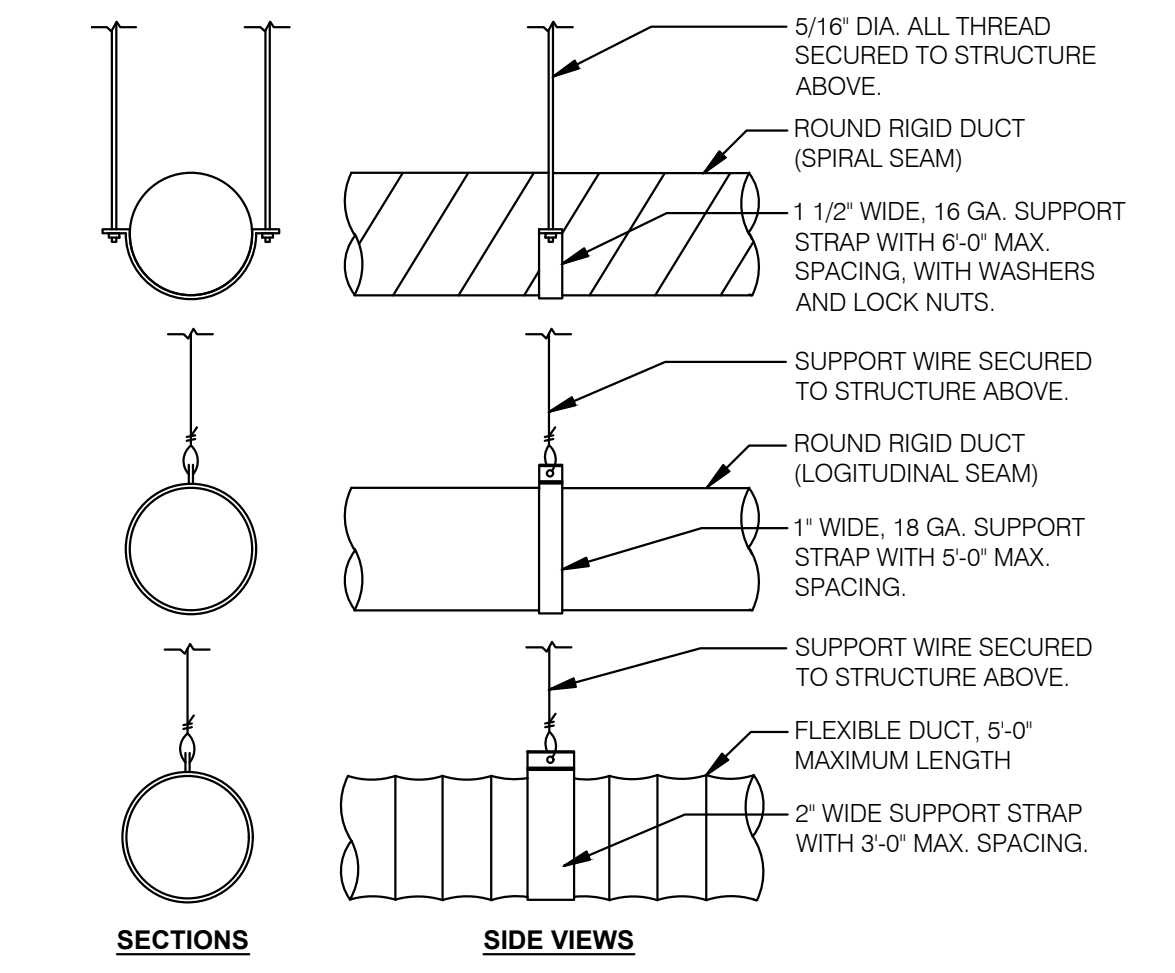
KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL NTS **10**



TYPICAL DUCTWORK DETAILS NTS **9**



CEILING DIFFUSER CONNECTIONS NTS **4**



DUCT SUPPORT DETAIL NTS **1**



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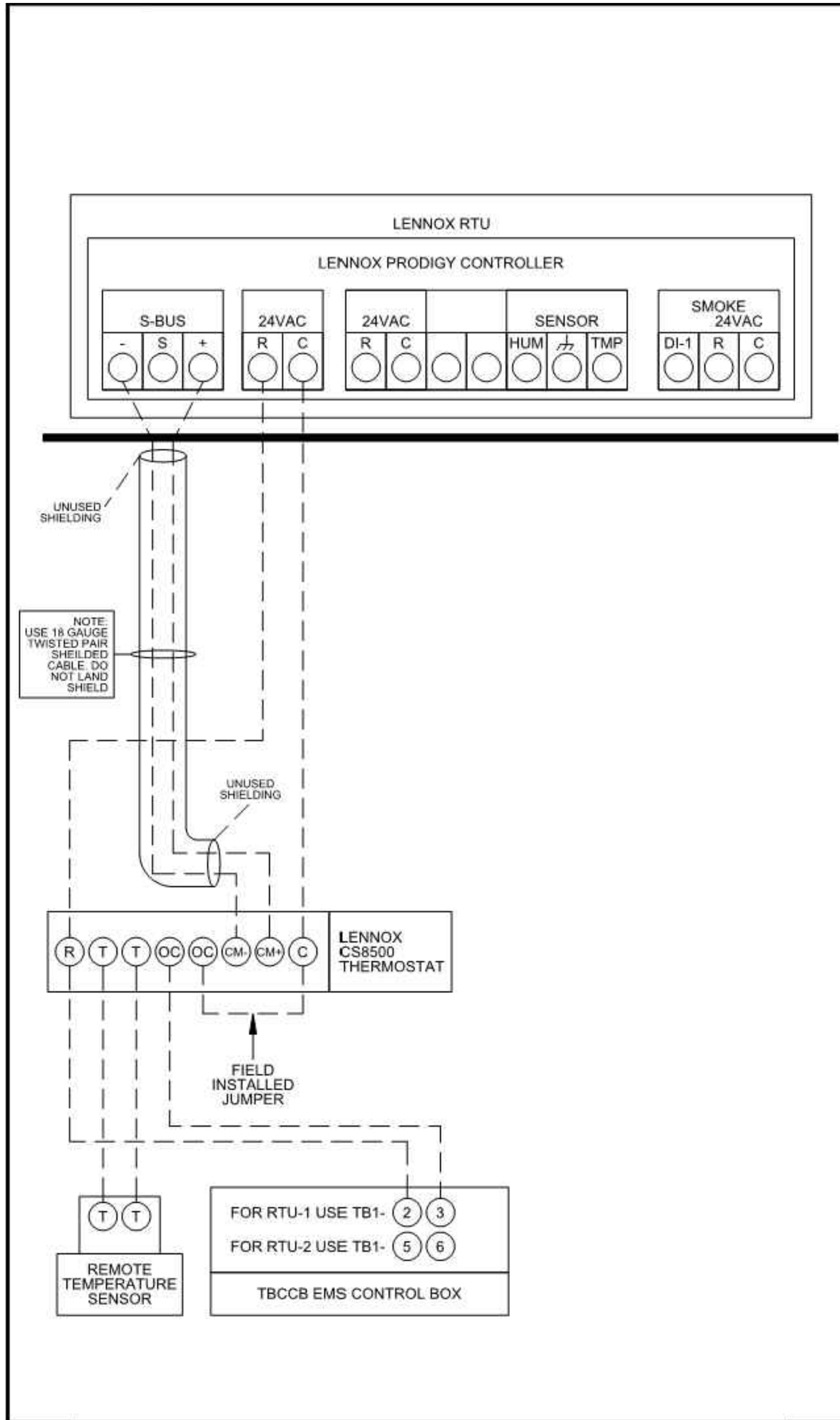
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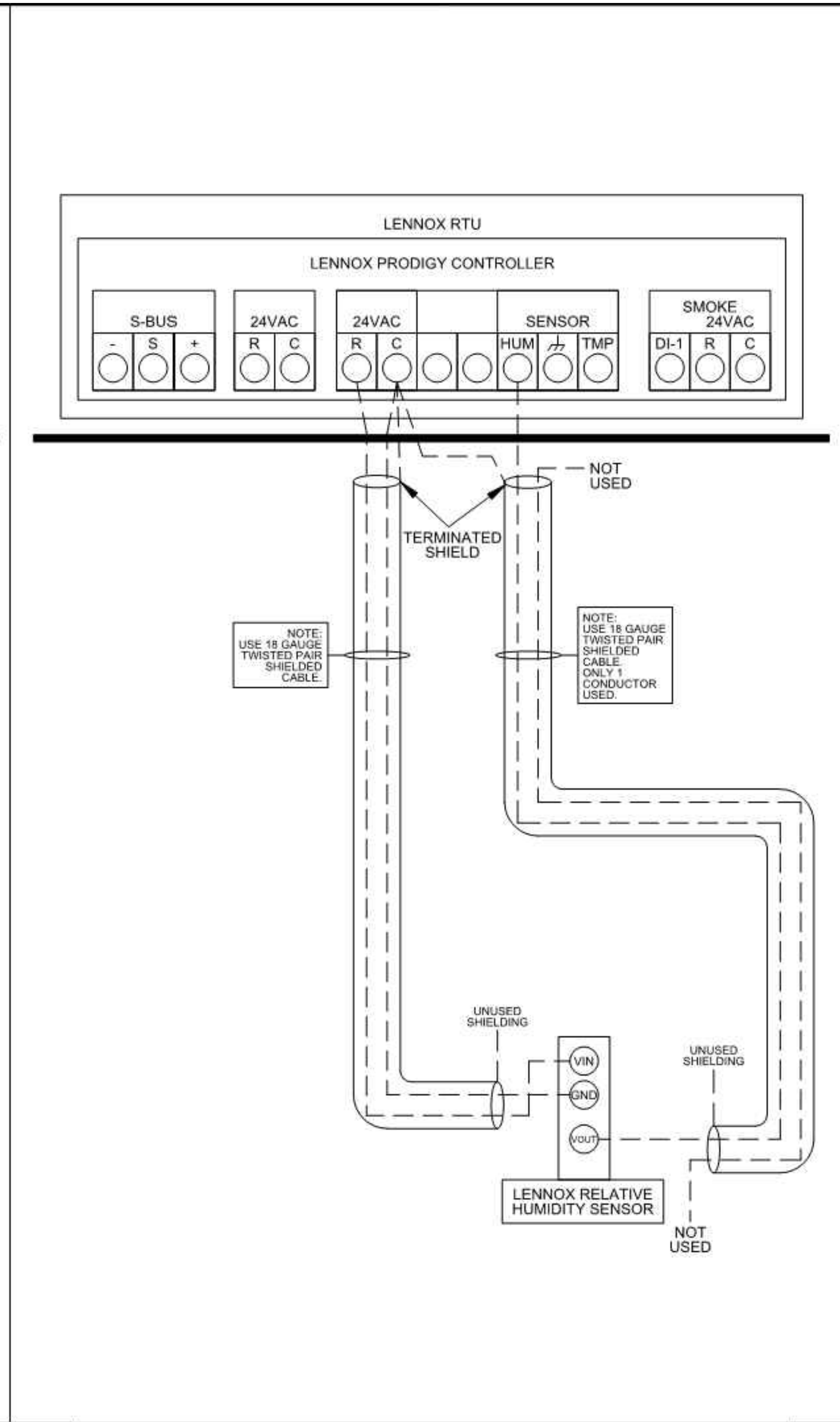
ENDEAVOR 2.0 MECHANICAL DETAILS

M4.0

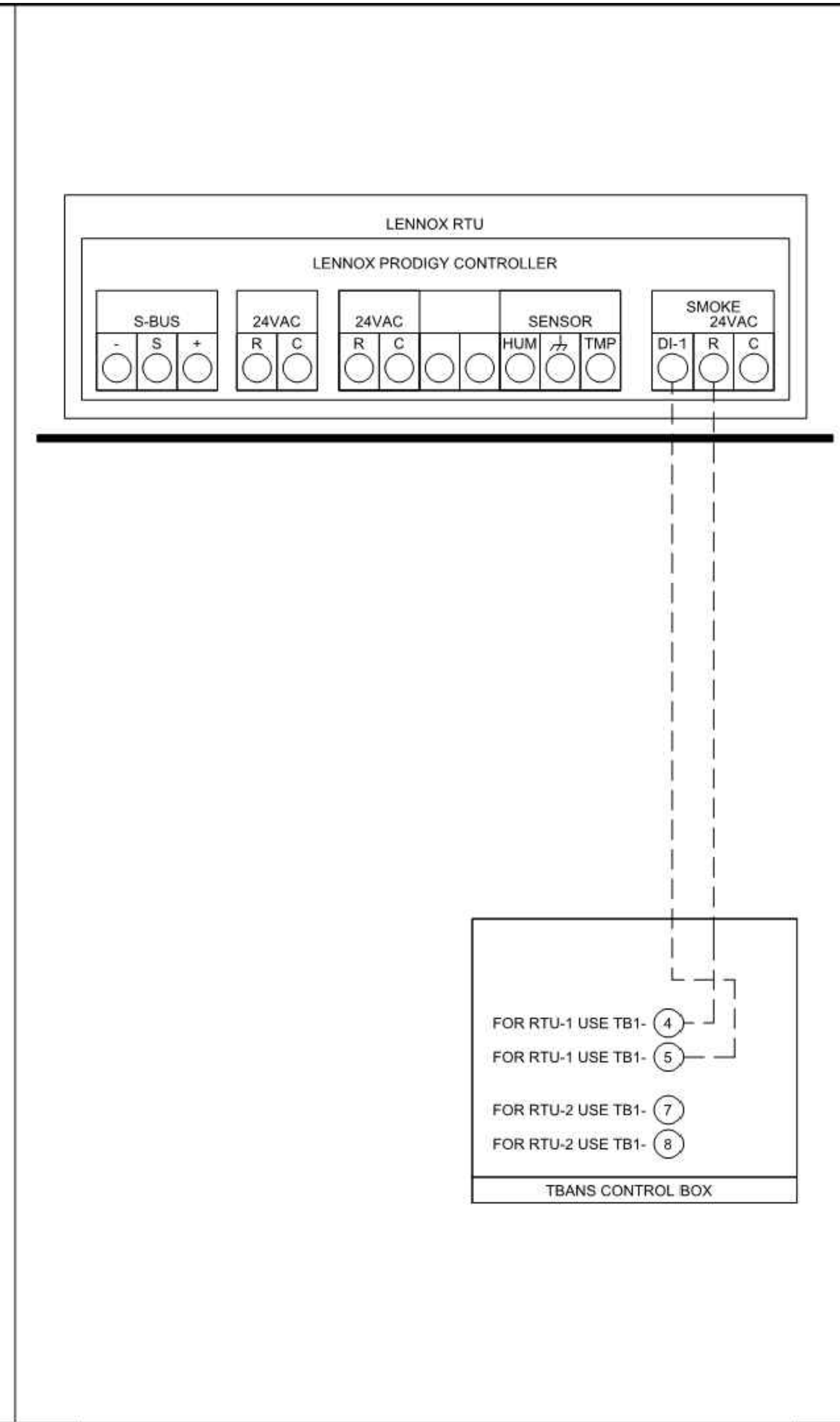
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1 LENNOX PRODIGY TO THERMOSTAT AND TO TBCCB CONNECTION NTS



2 LENNOX PRODIGY TO OPTIONAL HUMIDITY SENSOR CONNECTION NTS



3 LENNOX PRODIGY TO TBANS CONNECTION NTS



DRAWING TYPE: **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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ENDEAVOR 2.0 MECHANICAL DETAILS

M5.0
 PLOT DATE: 11/18/2021

- SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
- VERIFY THE LOCATION OF THE SANITARY SEWER ON THE SITE PLAN AND SHALL REVISE THE SEWER SYSTEM AS REQUIRED.
- PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODES. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
- PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
- PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT. FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 10"wc IS USED DOWNSTREAM FROM THE GAS METER.
- ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE & FOR ADDITIONAL WORK TO BE FURNISHED & INSTALLED BY CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE CONTRACTOR U.O.N.
- REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
- ALL GAS LINES SHALL BE SUPPORTED SEE SPECS.
- ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.
- PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.
- PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.
- PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
- COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- FURNISH & INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
- PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
- ALL WATER LINES SHALL BE RUN OVERHEAD U.O.N.
- ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING ANY FIXTURES OR EQUIPMENT.
- PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAMS FOR SEALANT.
- CPVC SCHEDULE 40 WASTE PIPE CAN BE SUBSTITUTED FOR BLACK IRON WASTE PIPE WHERE ALLOWED BY LOCAL MUNICIPALITIES.

SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	A.C.P.	ASBESTOS CEMENT PIPE
	(N)	NEW
	(E)	EXISTING
⊕	F.D.	FLOOR DRAIN
⊙	H.D.	HUB DRAIN
	OFD	OVERFLOW DRAIN
⊗	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
X-X 0000		PLUMBING EQUIPMENT DESIGNATION
XXX		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
SS	◇	SOIL OR WASTE (SANITARY)/WASTE STUB
GW	◇	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
G	G	GAS / GAS STUB
CW	CW	COLD WATER/ CW STUB
HW	HW	HOT WATER / HW STUB
HWR	H.W.R.	HOT WATER RETURN
	V	SANITARY VENT
SD	S.D.	STORM DRAIN
CD	C.D.	CONDENSATE DRAIN
⊕	F.C.O.	FLOOR CLEANOUT OR CLEANOUT TO GRADE
W.C.O.	W.C.O.	WALL CLEANOUT
FW	FW	FILTERED WATER
TW	TW	PREMIXED TEMPERATURE WATER
H.B.	H.B.	HOSE BIBB
S.O.V.	S.O.V.	SHUT-OFF GATE VALVE
S.O.C.	S.O.C.	SHUT-OFF GAS COCK
C.V.	C.V.	CHECK VALVE
P.T.R.V.	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
B.V.	B.V.	BALL VALVE
C.W.	C.W.	COLD WATER BELOW GRADE
E.C.O.	E.C.O.	EXTERIOR CLEAN OUT
BFP	BFP	BACK FLOW PREVENTER
FU	FU	FIXTURE UNIT

PLUMBING LEGEND NTS 3

FIXTURE	NO.	DRAIN		COLD WATER		HOT WATER	
		D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAL H.W.
WATER CLOSET	2	4	8	5	10	--	--
URINAL	0	5	--	5	--	--	--
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3	1.5	3
PREP SINK *	1	--	--	2	2	2	2
3 - COMPARTMENT SINK *	1	--	--	3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1	--	--	5/0.5	12	--	--
FLOOR DRAIN	5	2	10	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	3	3	9	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REHEMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	40	--	35.25	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS: COLD WATER: 35.25 FU = 25 GPM DRAIN: GW 22 DFU DRAIN: SAN 18 DFU HOT WATER: 14.25 FU = 17 GPM USE 1-1/2" CW SERVICE USE 4" SANITARY (MIN) USE 4" SANITARY (MIN) USE 1-1/4" HW SERVICE

BASED ON 2015 IPC (COMBINATION DRAIN & VENT). *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

KEYNOTES NTS 5

PLUMBING FIXTURE COUNT NTS 2

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMPD WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
ECO 1	EXTERIOR CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
FS 1	FLOOR SINK	4'	2'	--	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPF54-PVC ZURN / MODEL: FD-2370-PV4-DS-F
FS 2	FLOOR SINK	3'	2'	--	--	--	6	--	CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32 ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL: 1103
FD 1	FLOOR DRAIN	3'	2'	--	--	--	2	--	PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
HD 1	HUB DRAIN	3'	2'	--	--	--	2	--	CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
ECO 1	FLOOR CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8500E ZURN / MODEL: Z-1446-BP
WCC 1	WALL CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300
HB 1	HOSE BIBB	--	--	3/4"	--	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	AM. STD. 'CADET' / MODEL: 2467.100 KOHLER 'HIGHLINE' / MODEL: K-3519 CRANE 'ECONMISER' / MODEL: 31888
WC 1	WATER CLOSET	4'	2'	1/2"	--	--	4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSENITE #95 OR EQUIVALENT. FLUSHOMETER TANK; SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS	A.S. COMRADE / MODEL: 0124.131 CRANE 'HARWICH' / MODEL: 1412V
L 1	LAVATORY	1-1/4'	1-1/2"	1/2"	--	1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT SEE 5/P6 0, 4" CENTERS, WITH INTEGRAL BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET, SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL., 5 GPM AERATOR	--
S 1	HAND SINK	1-1/2'	1-1/2"	1/2"	--	1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	--
S 2	MOP SINK	3'	2'	1/2"	1/2"	--	3	2.25	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY G.C. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY G.C.	--
S 3	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	--
S 4	PREP SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET AND DRAIN	--
GI 1	GREASE INTERCEPTOR	6'	--	--	--	--	--	--	FIBERGLASS 1,500 GALLON GREASE INTERCEPTOR WITH EXTERIOR SAMPLING PORT, 24" MANWAYS WITH EXTENSIONS. CAST IRON H20 RATED COVER. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	GREEN TURTLE MODE GMC-1500
MV 1	MIXING VALVE	--	--	1/2"	1/2"	--	--	--	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
WH 1	WATER HEATER	--	--	1-1/4"	1-1/4"	--	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 138 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MXI BTH-120 STATE / SUF 100 120 NE
ET 1	EXPANSION TANK	--	--	3/4"	--	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST WILKINS SERIES WXTPT
BFP 1	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	--	1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: LF009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
RO 1	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	--
CP 1	HWR CIRC PUMP	--	--	--	3/4"	--	--	--	BRONZE BODY CONSTRUCTION SUITABLE FOR POTABLE WATER, NON FERROUS IMPELLER, MAINTENANCE FREE PERMANENTLY LUBRICATED BEARINGS.COMBINATION AQUASTAT/TIMECLOCK. SET TIMECLOCK FOR UNOCCUPIED HOURS.	B&G MODEL PL-30, 1 GPM, 22 FT.HD. 1/12 HP, 120V,1PH

PLUMBING FIXTURE SCHEDULE NTS 1



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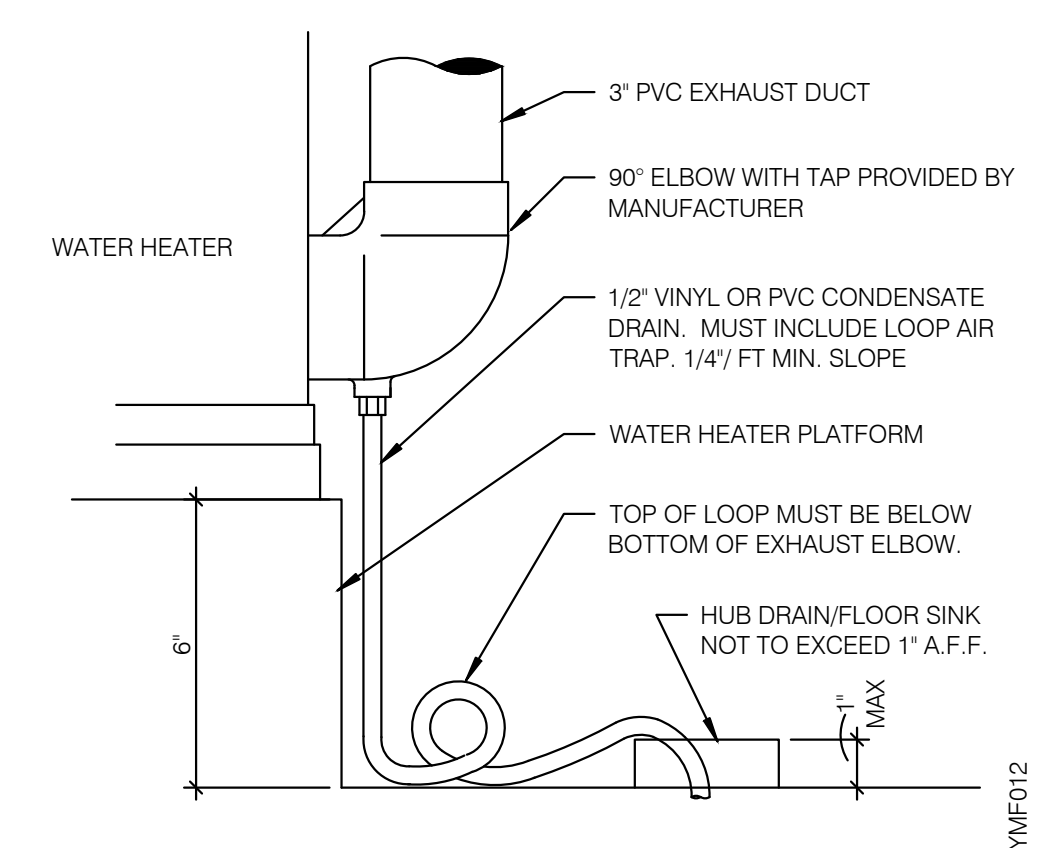
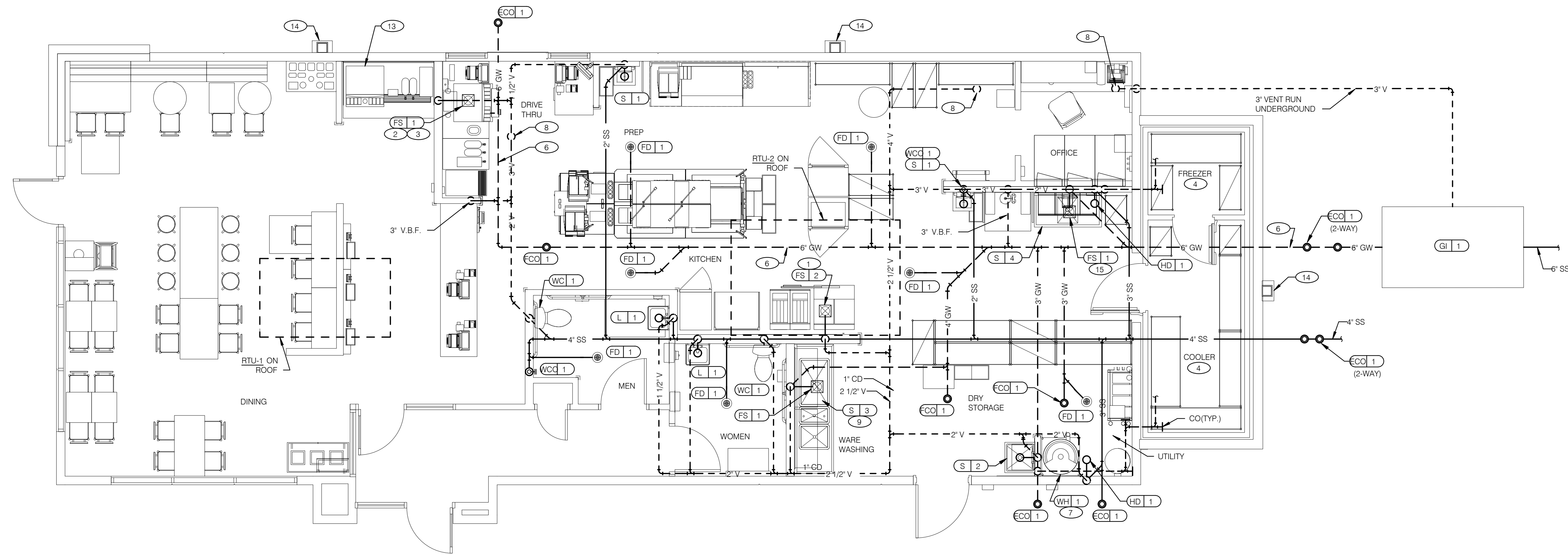
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ENDEAVOR 2.0 PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE: 11/18/2021



WATER HEATER CONDENSATE DETAIL 4

- WASTE & VENT PLAN NOTES** NTS 3
- 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

- 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 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF. RUN TO NEAREST ROOF DRAIN.
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTFALL 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.

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

KEYNOTES - WASTE AND VENT NTS 2



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 PROJECT # 20023

DATE	REMARKS
02-25-22	Issued for Bids

CONTRACT DATE:
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 BRAND DESIGNER:
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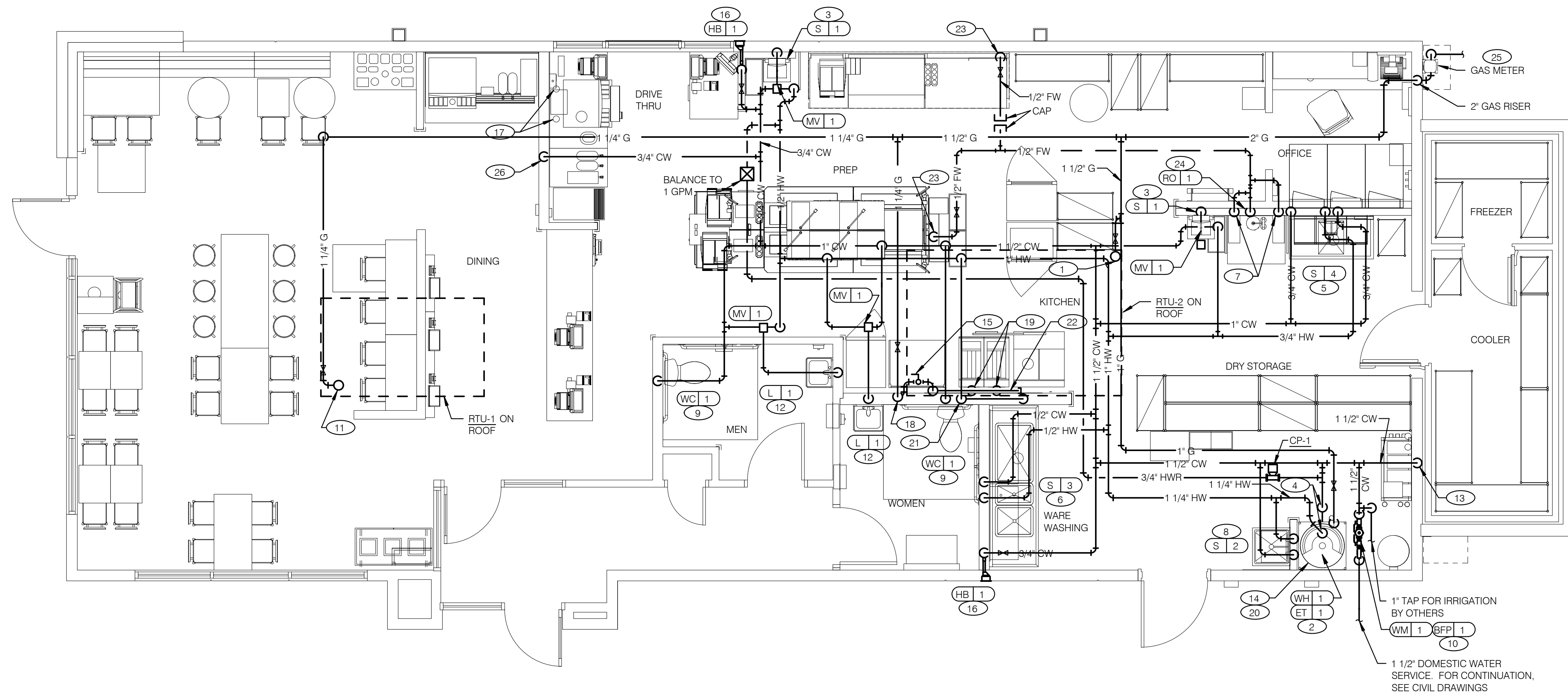
GREAT LAKES TACO, L.L.C.
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ENDEAVOR 2.0 WASTE AND VENT PLAN

P2.0

PLOT DATE: 11/18/2021



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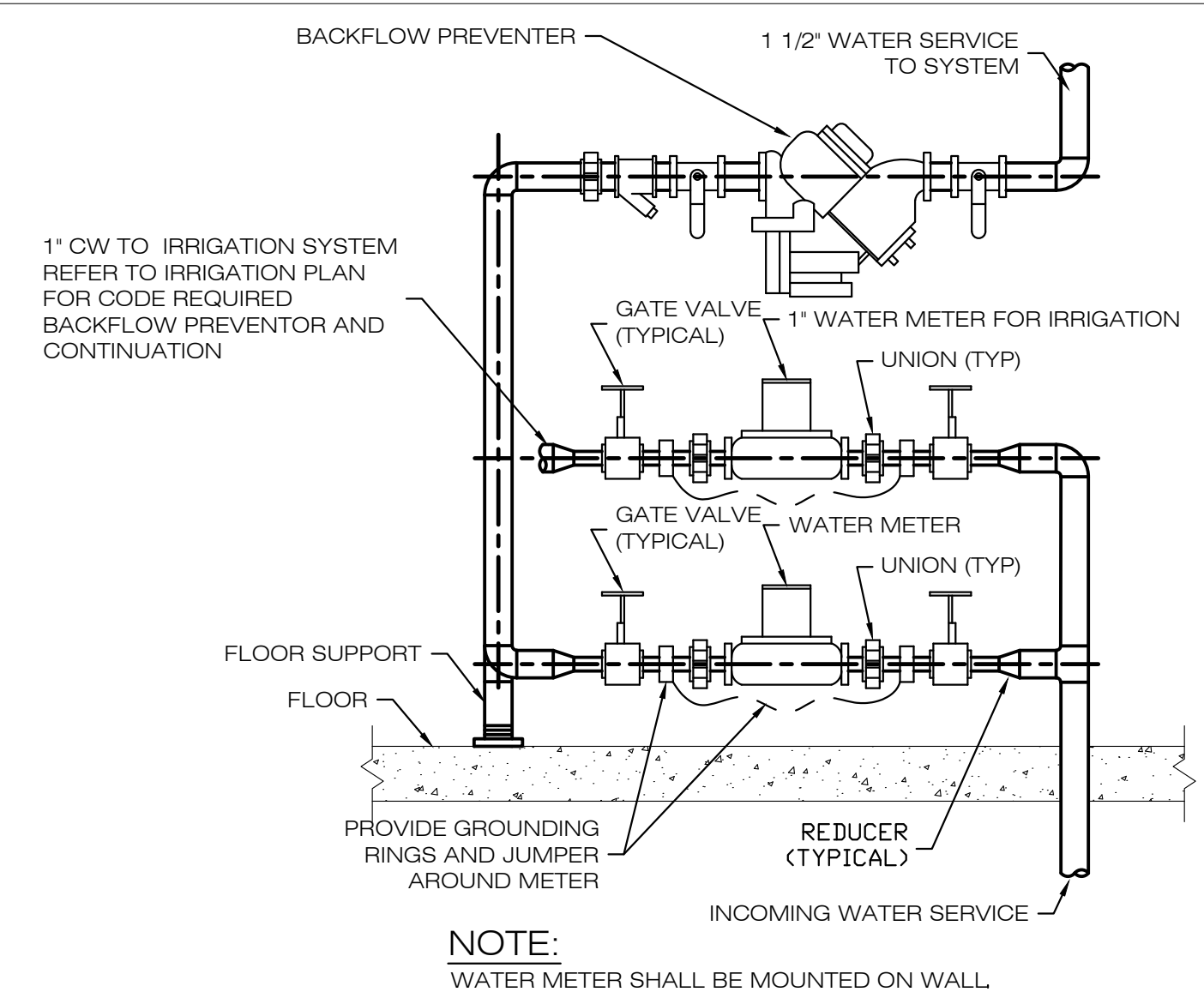


ENDEAVOR 2.0 PLUMBING WATER & GAS PLAN

P3.0

PLOT DATE: 11/18/2021

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



NOTE:
 WATER METER SHALL BE MOUNTED ON WALL.

WATER METER DETAIL
 NO SCALE

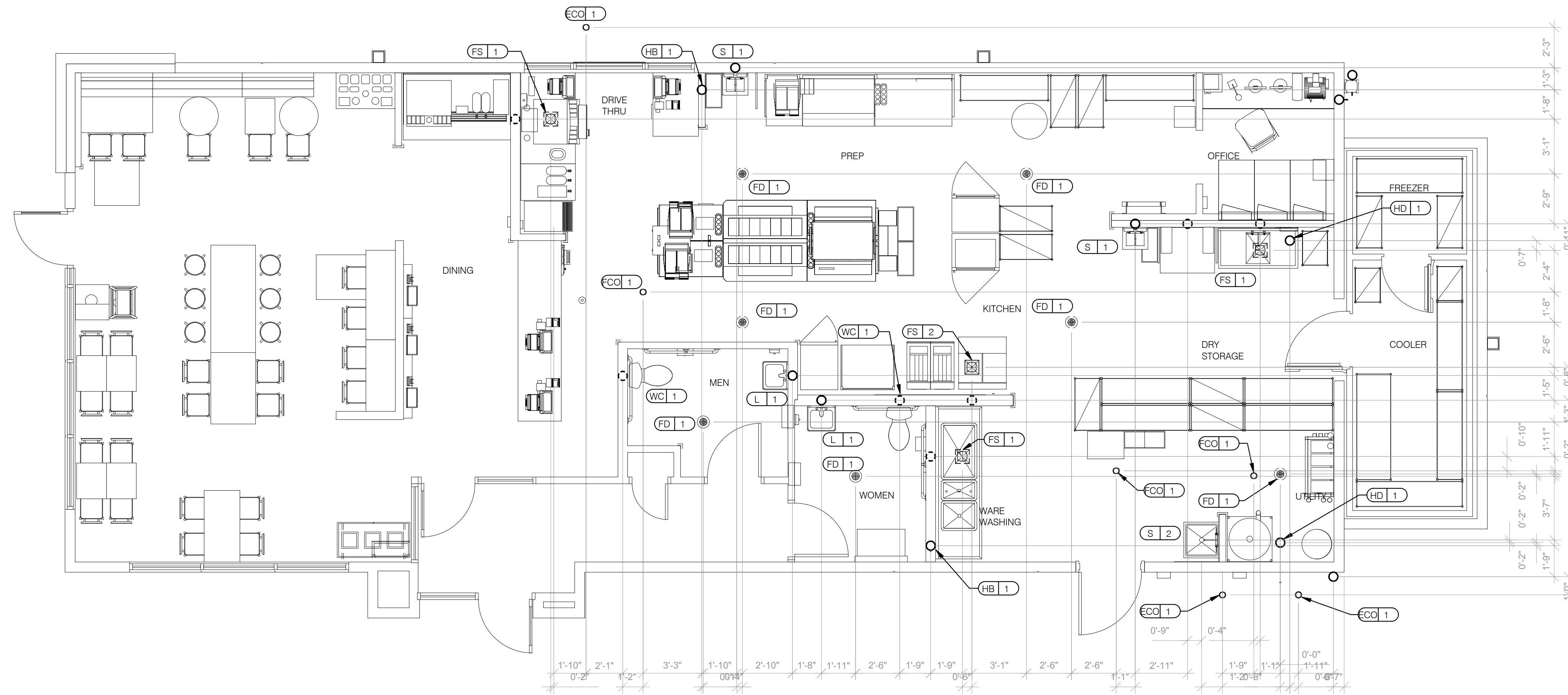
- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF "WATER VALLEYS". REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- C. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- D. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER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

WATER & GAS PLAN NOTES NTS 3

- 1 1-1/4" (360 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 2 1 1/2" (398 CFH) GAS DOWN TO WATER HEATERS 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. IF GEN POWER SOAK SINK IS INSTALLED PROVIDE MIXING VALVE ABOVE SINK. COORDINATE WITH OWNER.
- 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/P6.1.
- 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-546. 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 1/P6.1.
- 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-026 AND C-107.
- 23 FOR FUTURE I-LINE. 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. COORDINATE EXACT LOCATION OF UTILITY CHASE W/ EQUIPMENT VENDOR. CAP PIPING ABOVE CEILING AND AT WALL TERMINATION FOR FUTURE I-LINE
- 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-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.

KEYNOTES - WATER AND GAS NTS 2



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ENDEAVOR 2.0
PLUMBING ROUGH-IN PLAN

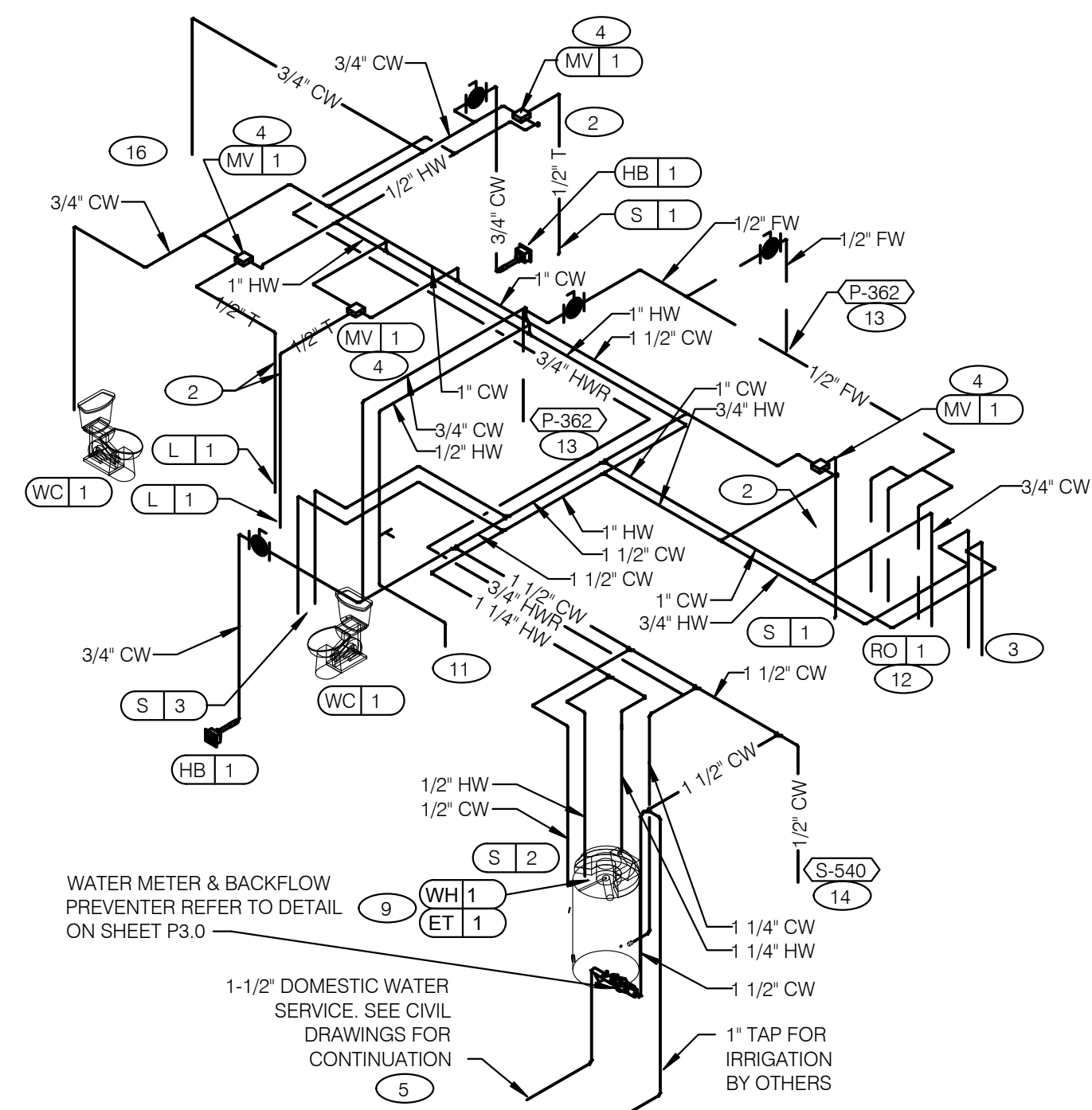
P4.0

PLOT DATE: 11/18/2021

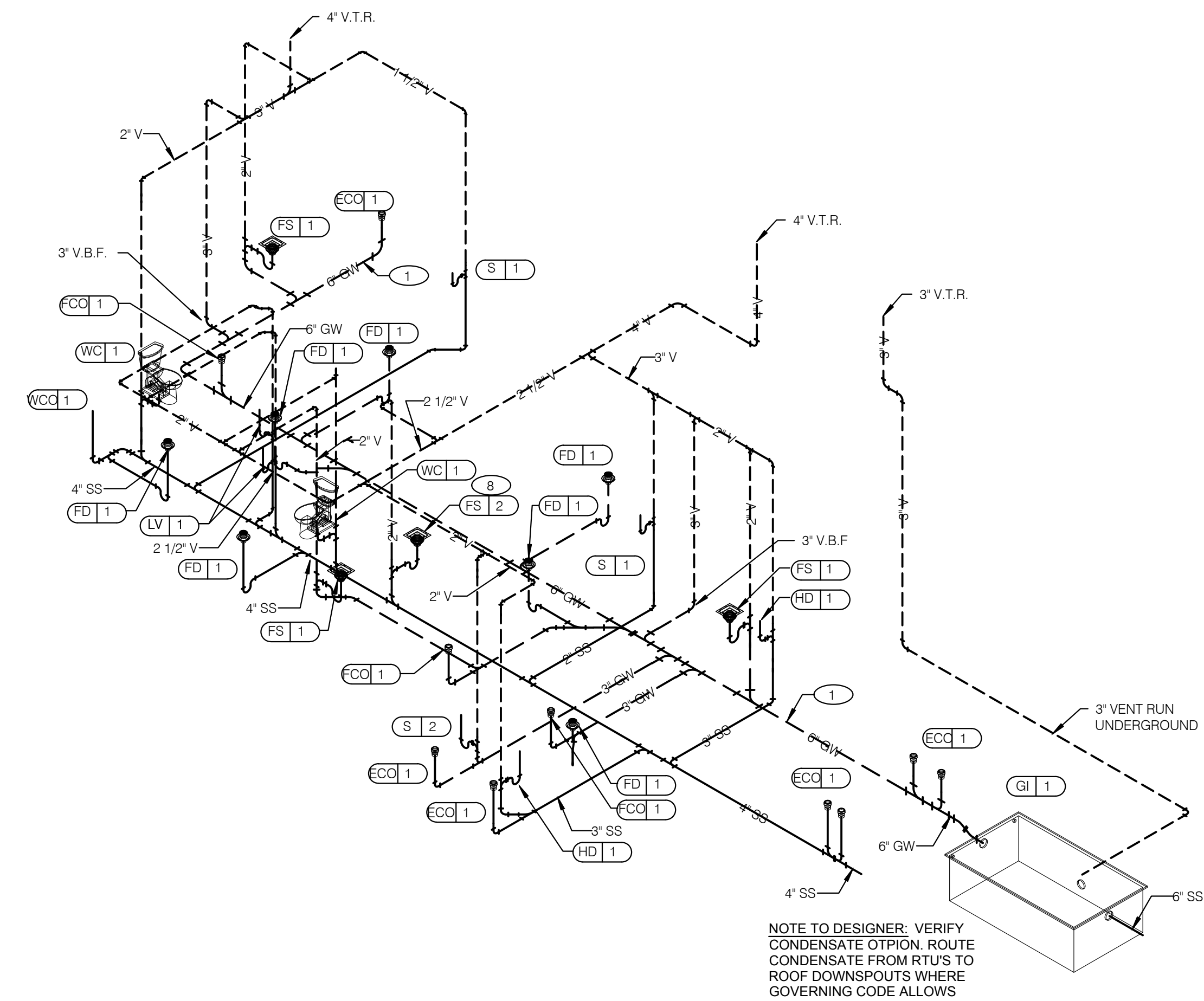
PLUMBING ROUGH-IN PLAN 1/4" = 1'-0"

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.	--	ECO 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	C-107	RE THERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	RE THERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" 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.	--	S-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.	--	E-452	HOT WATER SYSTEM	CW	+24" A.F.F.	

- 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.



WATER ISOMETRIC NTS **4**

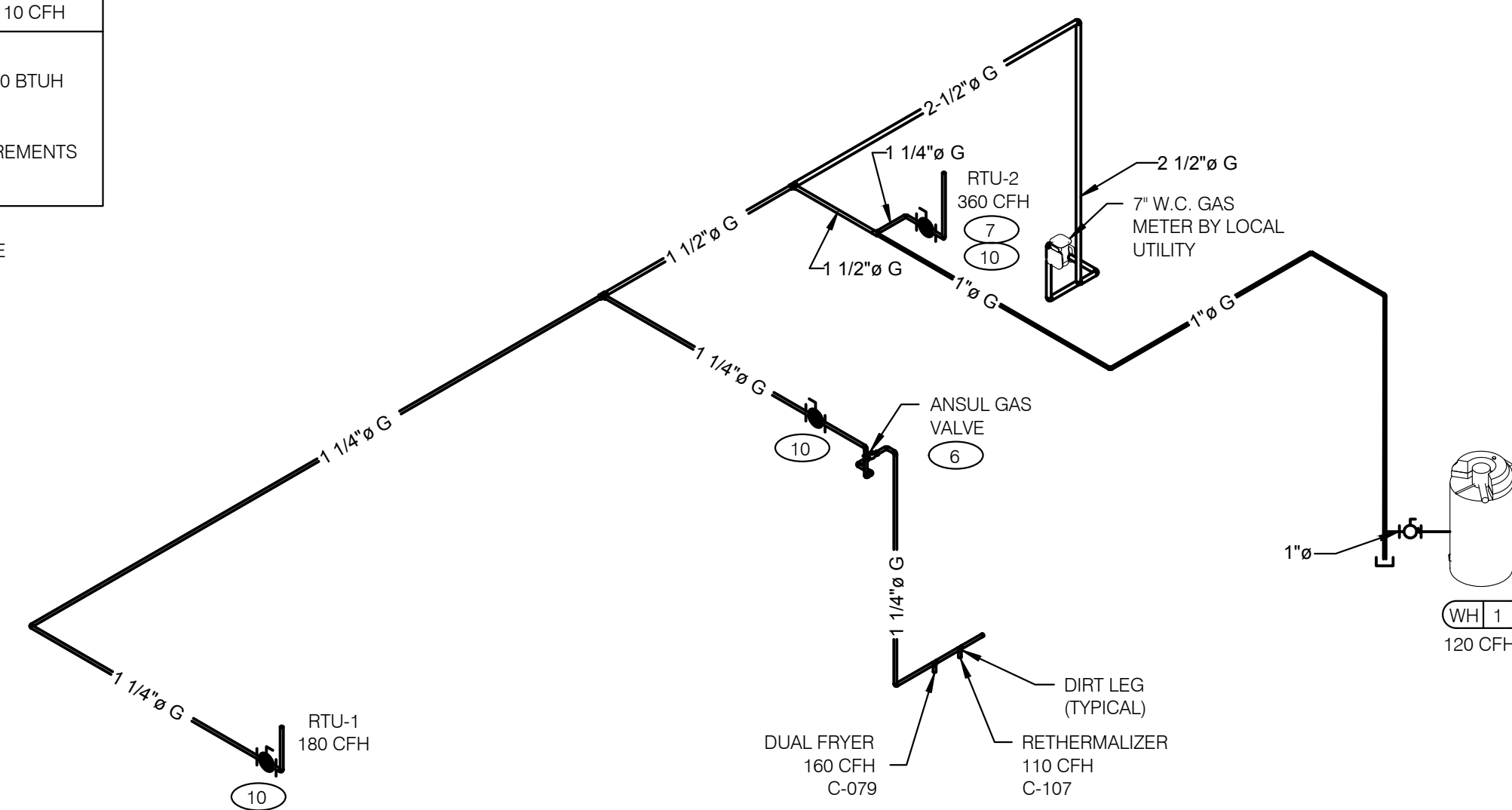


WASTE AND VENT ISOMETRIC NTS **1**

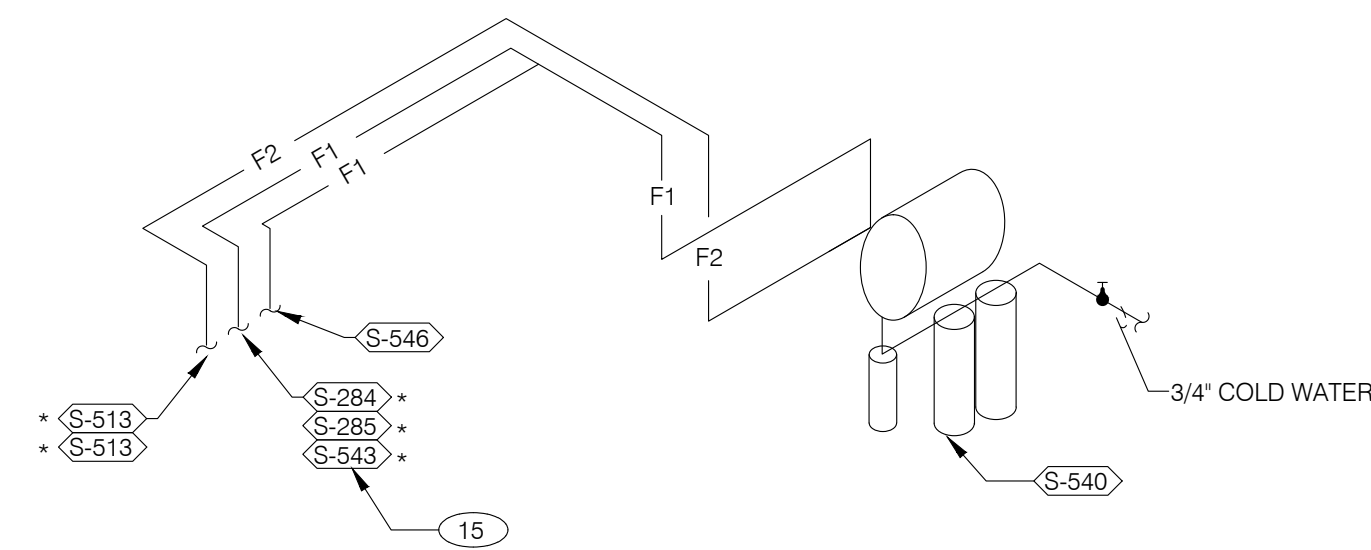
GAS DEMAND SCHEDULE	
RTU-1	180 CFH
RTU-2	360 CFH
WH-1	120 CFH
DUAL FRYER	160 CFH
RETHEMALIZER	110 CFH
TOTAL DEMAND	930.0 CFH = 930,000 BTUH

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

PIPE SIZE BASED ON 150' OF PIPE
AND 7" W.C. OPERATING PRESSURE



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 BACKFLOW 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 RETHEMALIZER.
- 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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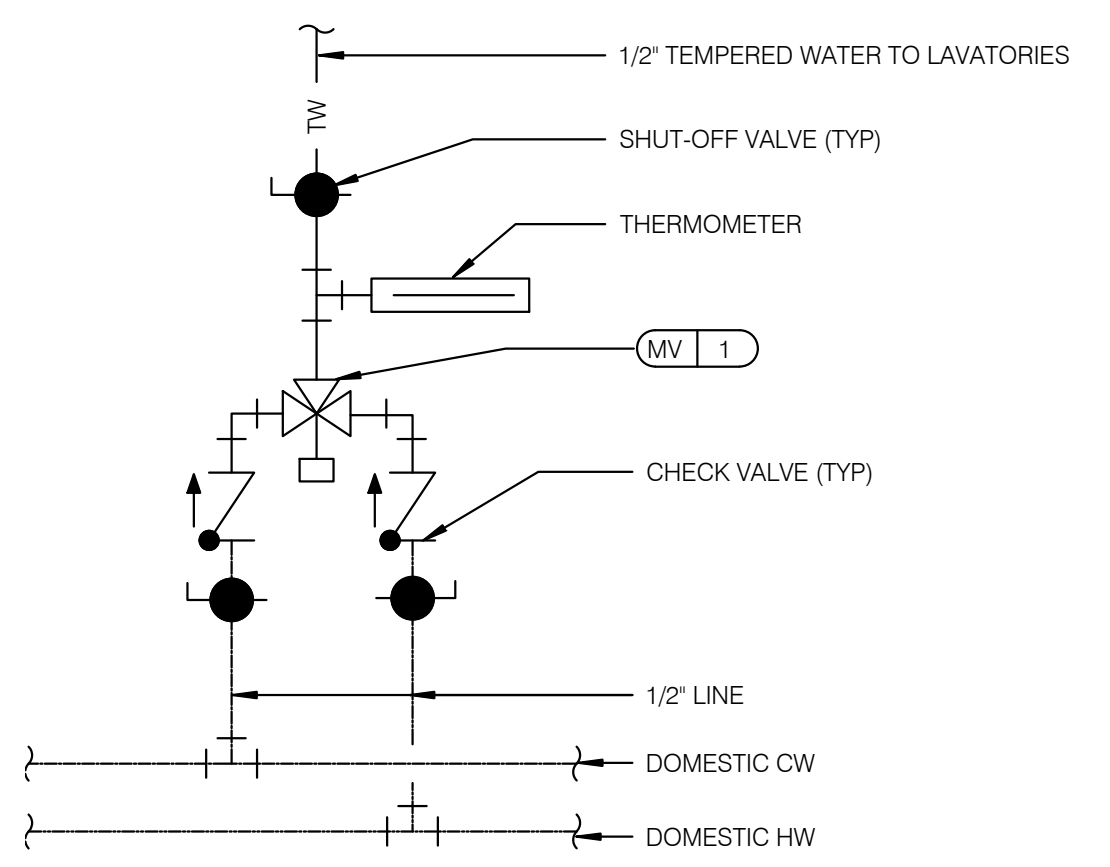
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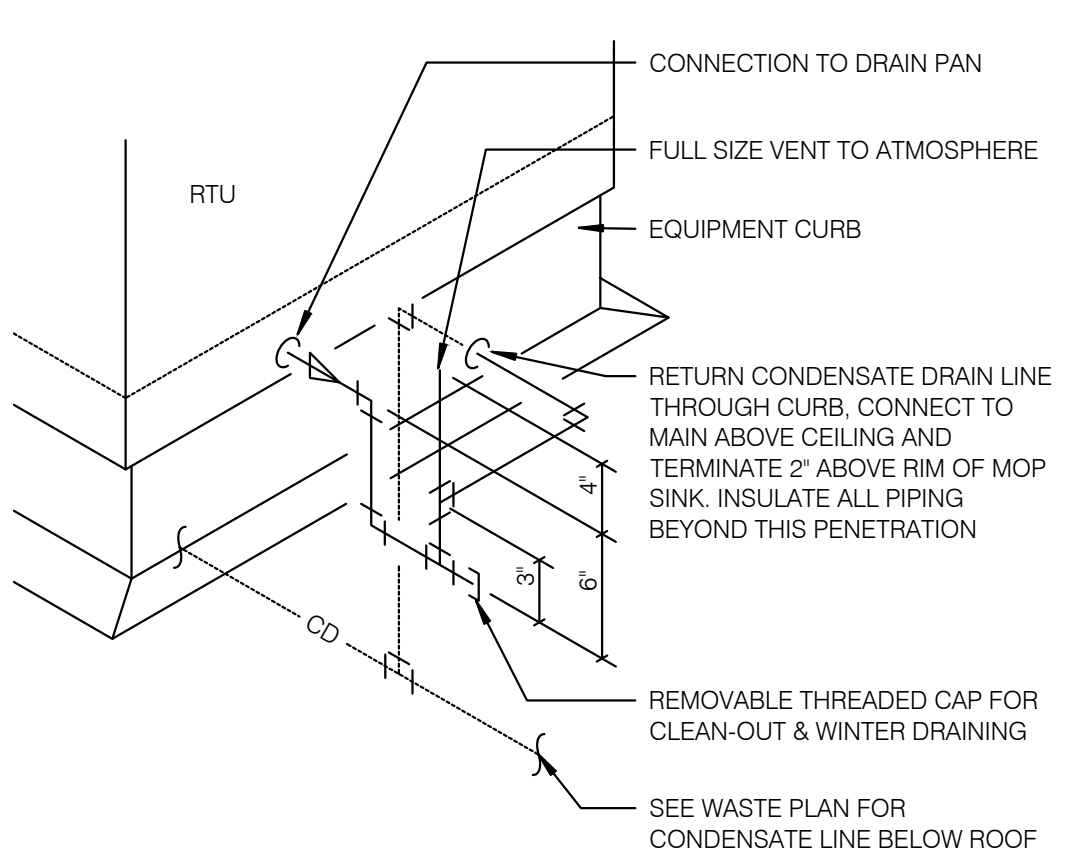
ENDEAVOR 2.0
RISER DIAGRAMS

P5.0

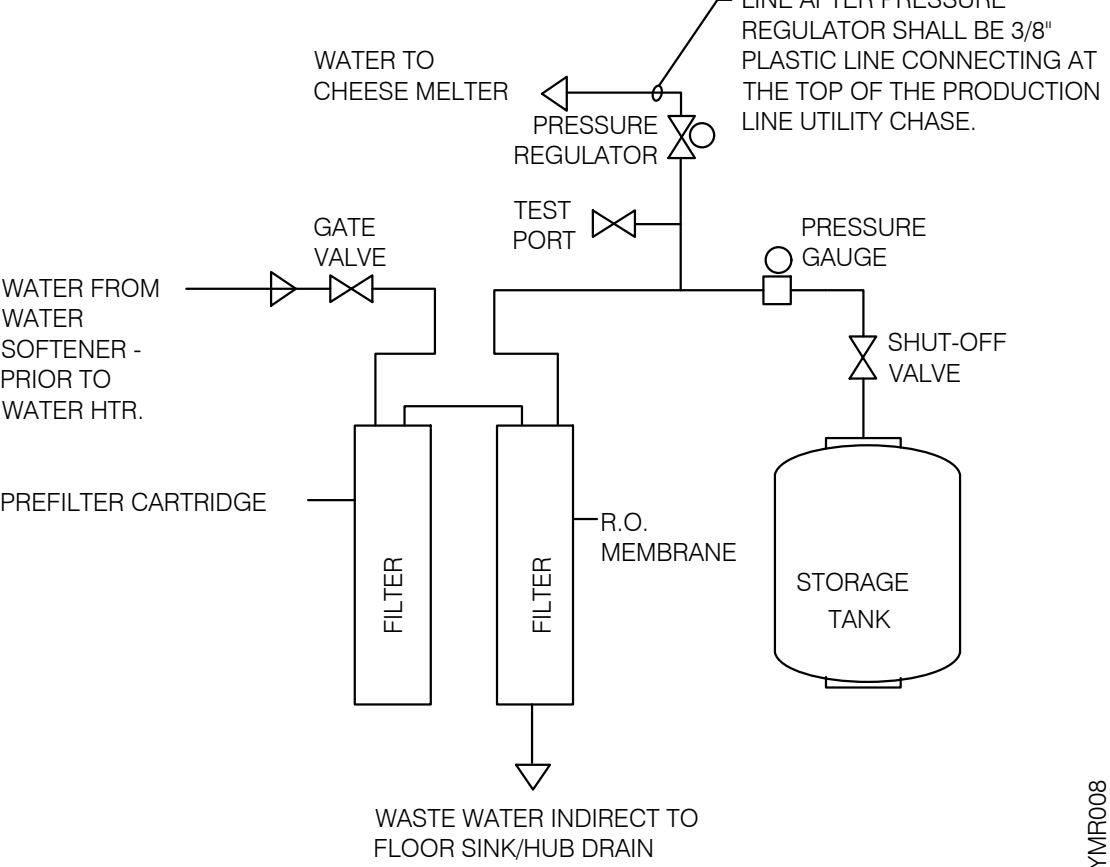
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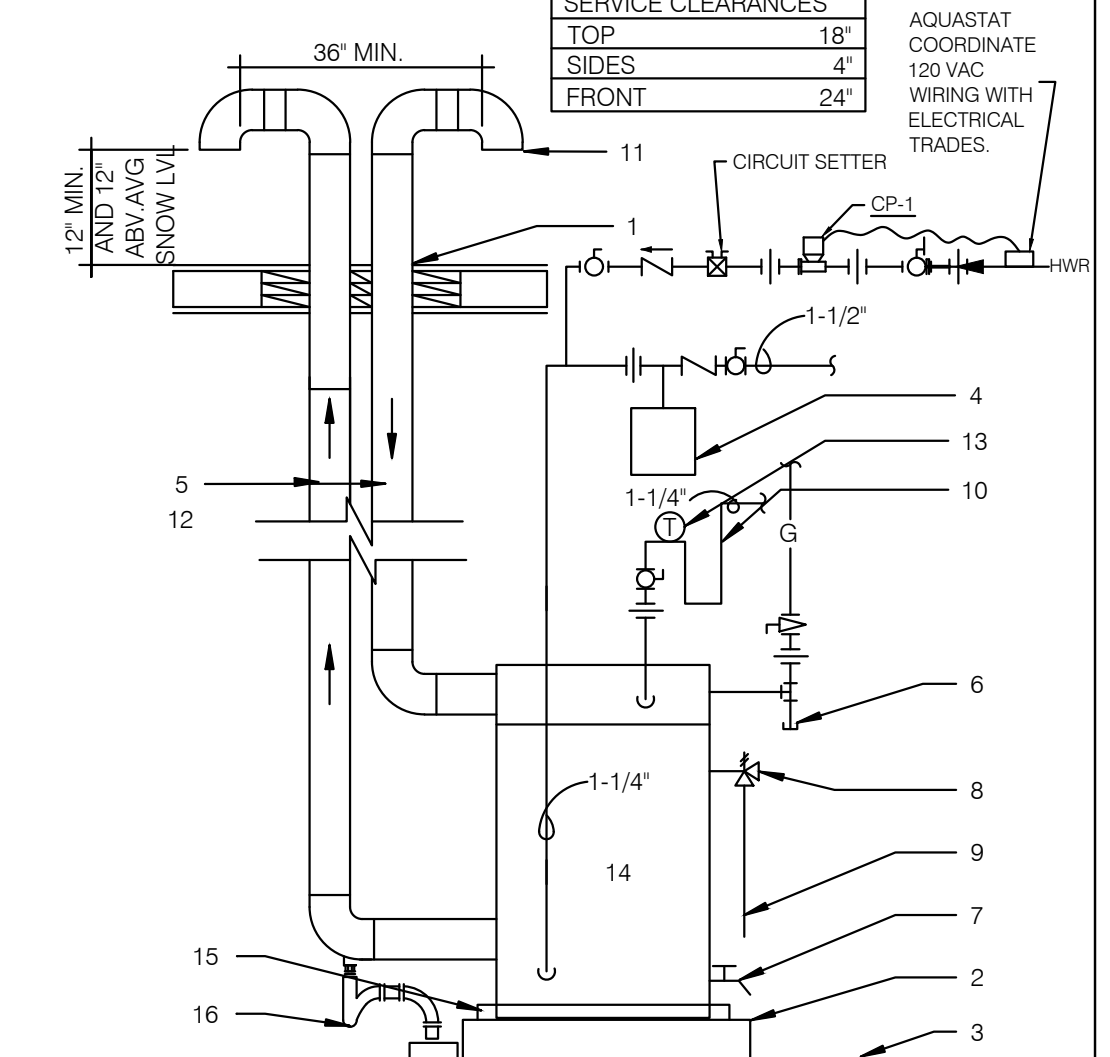
TEMPERING VALVE NTS **11**



RTU CONDENSATE NTS **10**

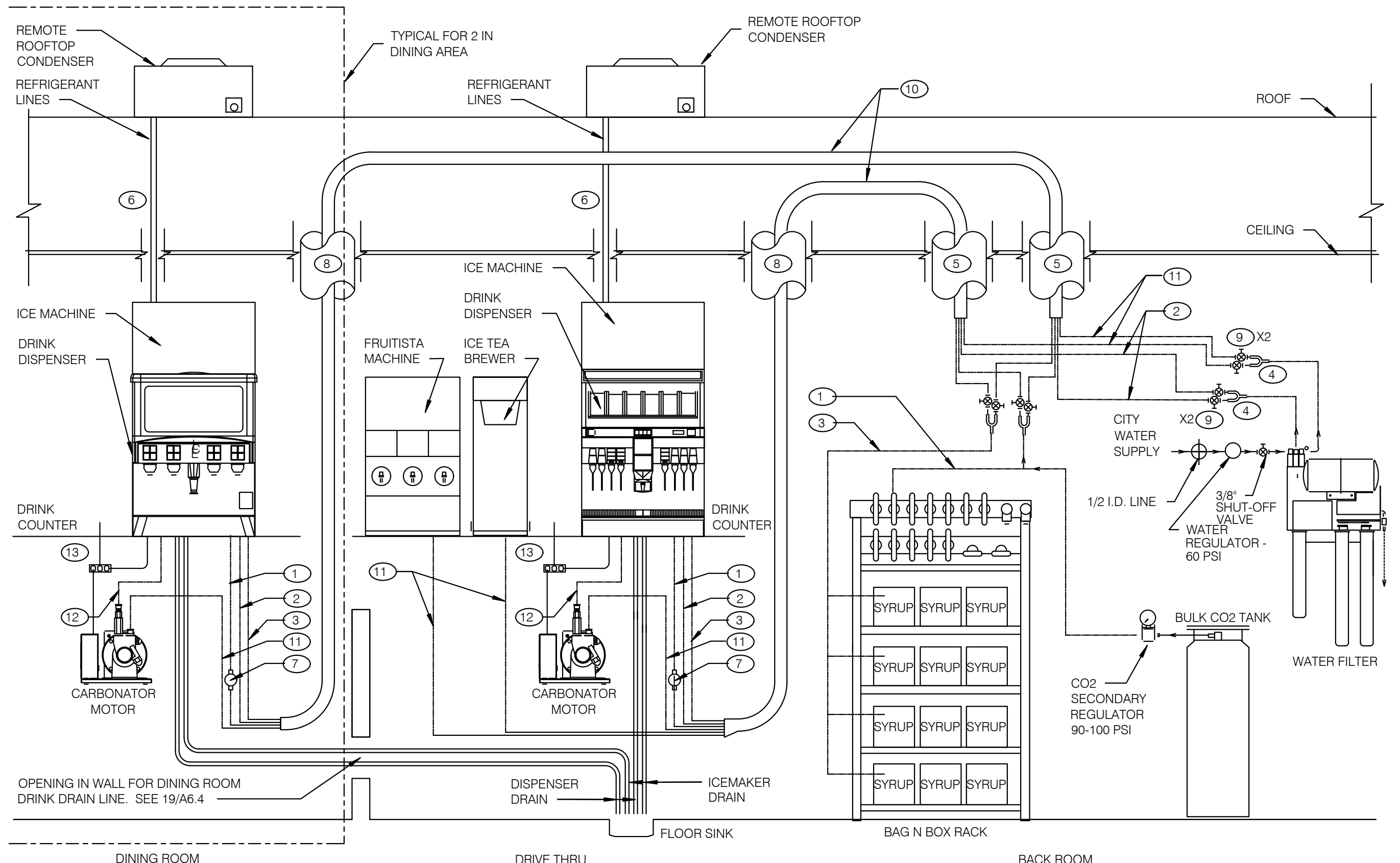


REVERSE OSMOSIS SYSTEM NTS **9**



- 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**



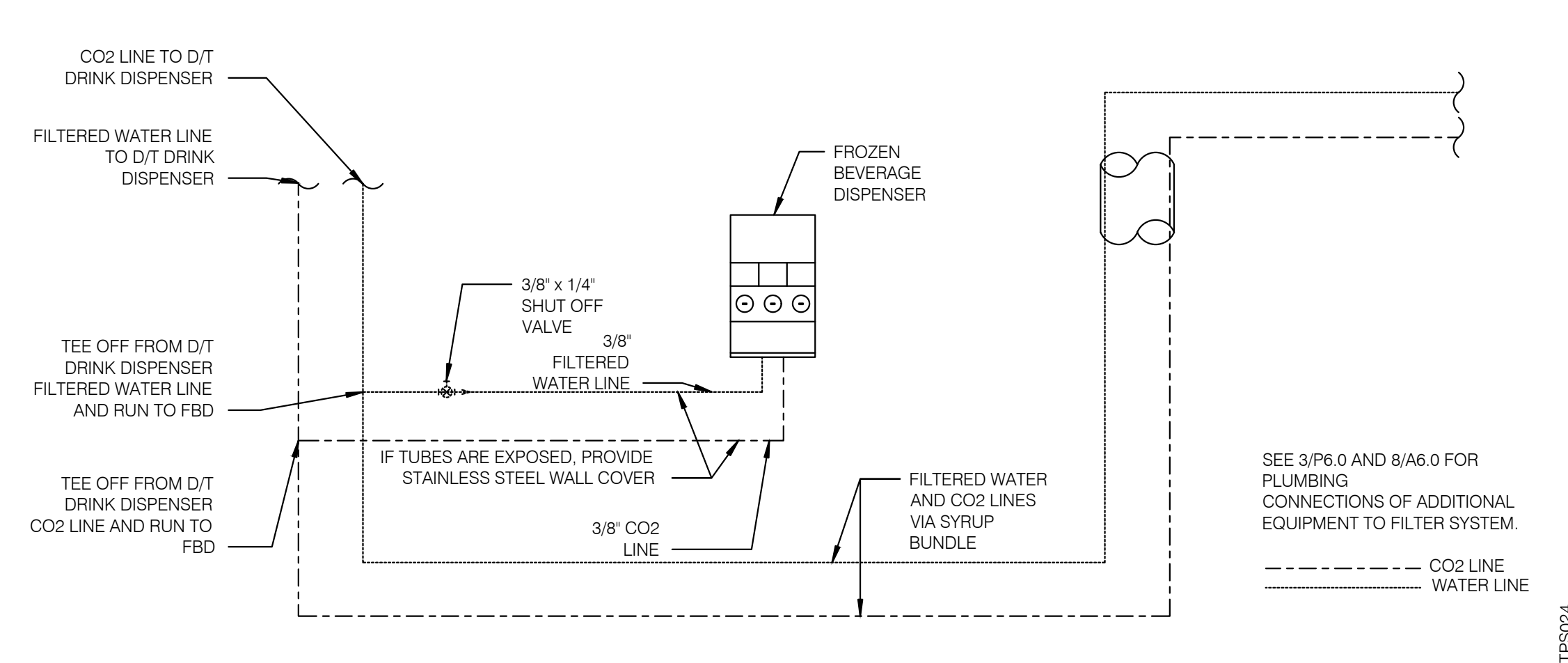
- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
 - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 - FILTER SHALL BE PROTECTED AGAINST FREEZING.
 - USE ONLY 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.

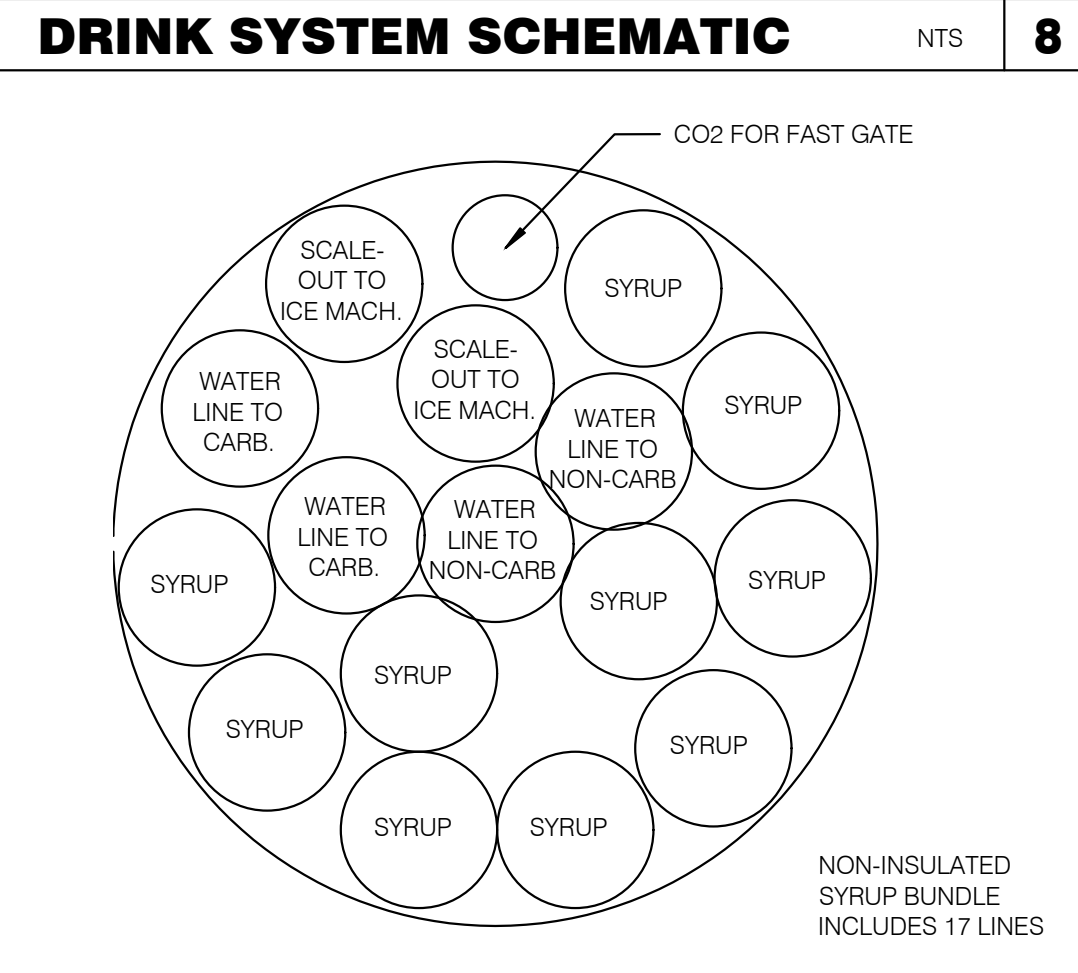
INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

EQUIPMENT RATINGS:
 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

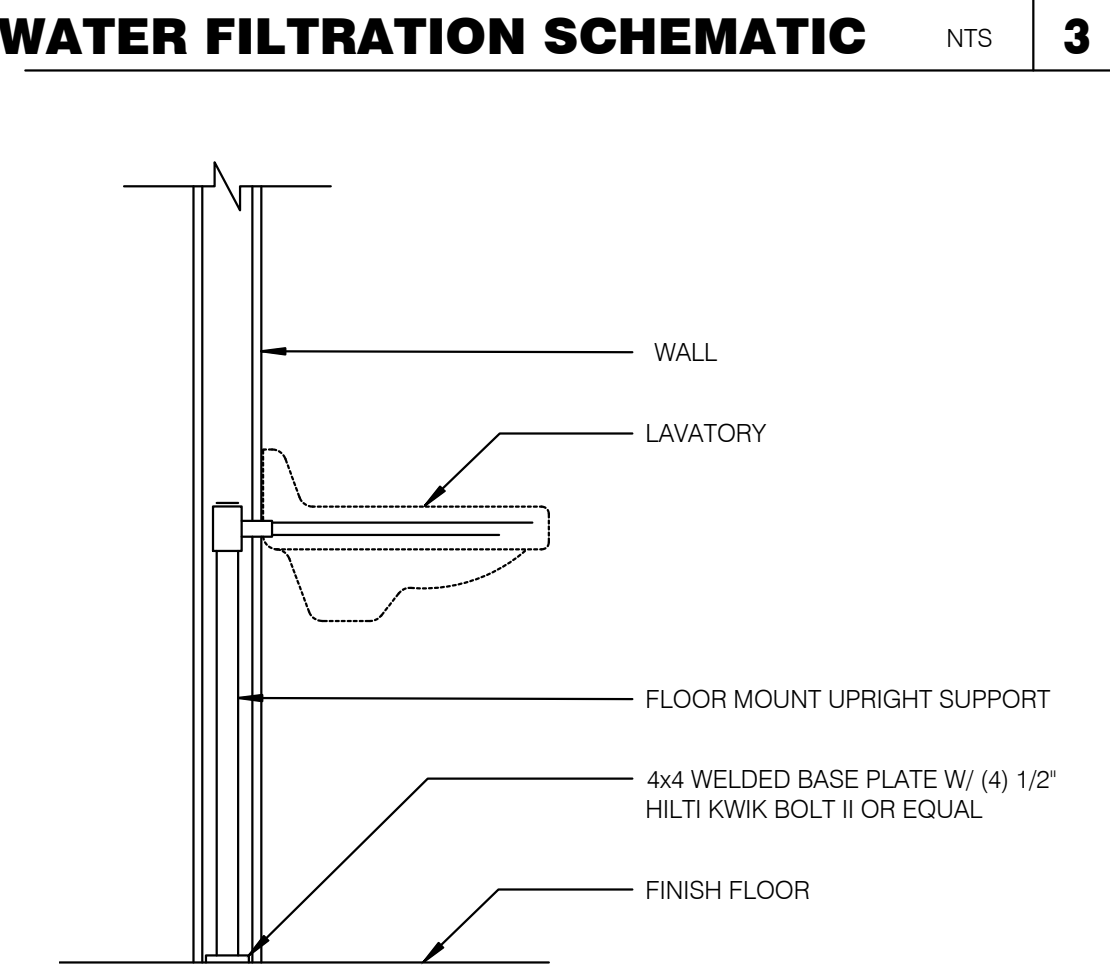
- KEY NOTES:**
- 1 3/8" CO₂ LINE
 - 2 3/8" FILTERED WATER LINE - ICE MACHINES
 - 3 3/8" SYRUP LINES
 - 4 1/2" X 3/8" X 3/8" Y
 - 5 BUNDLED TUBING CEILING PENETRATION.
 - 6 STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - 7 PRE-SET CO₂ REGULATOR
 - 8 RECESSED 4" DIA. PVC VERTICAL 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 PRESSURIZED FILTERED WATER
 - 13 ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0



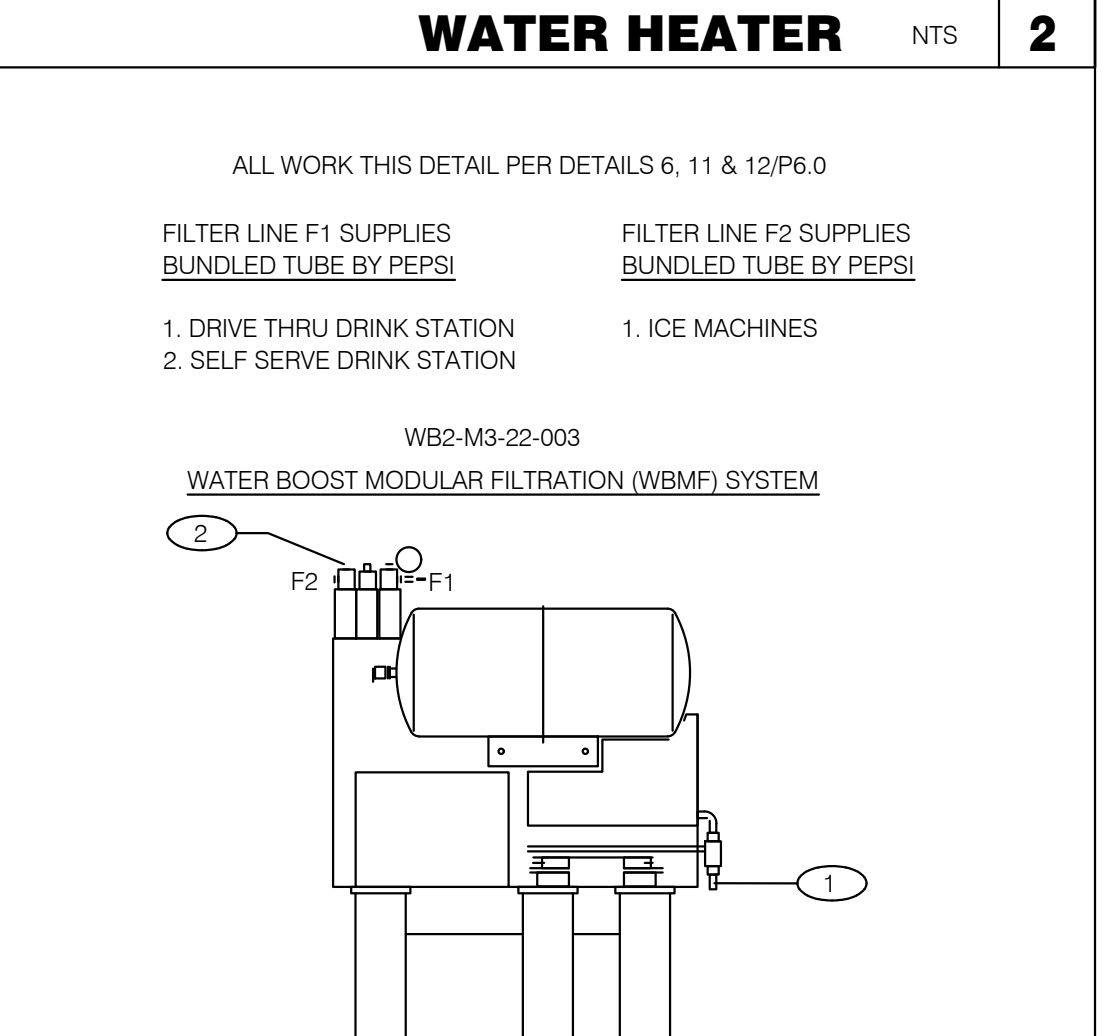
FBD DRINK SYSTEM DETAIL NTS **7**



SYRUP BUNDLE CONFIGURATION NTS **6**



LAVATORY SUPPORT NTS **5**



- ALL WORK THIS DETAIL PER DETAILS 6, 11 & 12/P6.0
- LEGEND
- KITCHEN EQUIPMENT # (SHEET A2.0)
 - SYSTEM
 - FLOW ARROW
 - POINT OF CONNECTION (PEPSI)
 - POINT OF CONNECTION (GC)

- 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**



EAM Engineers, Inc.
 Electrical and Mechanical Consulting Engineers
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 Phone 248.528.2570 Fax 248.528.1642
 www.eam-engineers.com eam@eam-engineers.com
 Job No.: 273-21093



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 # 20023

DATE	REMARKS
02-25-22	Issued for Bids

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, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



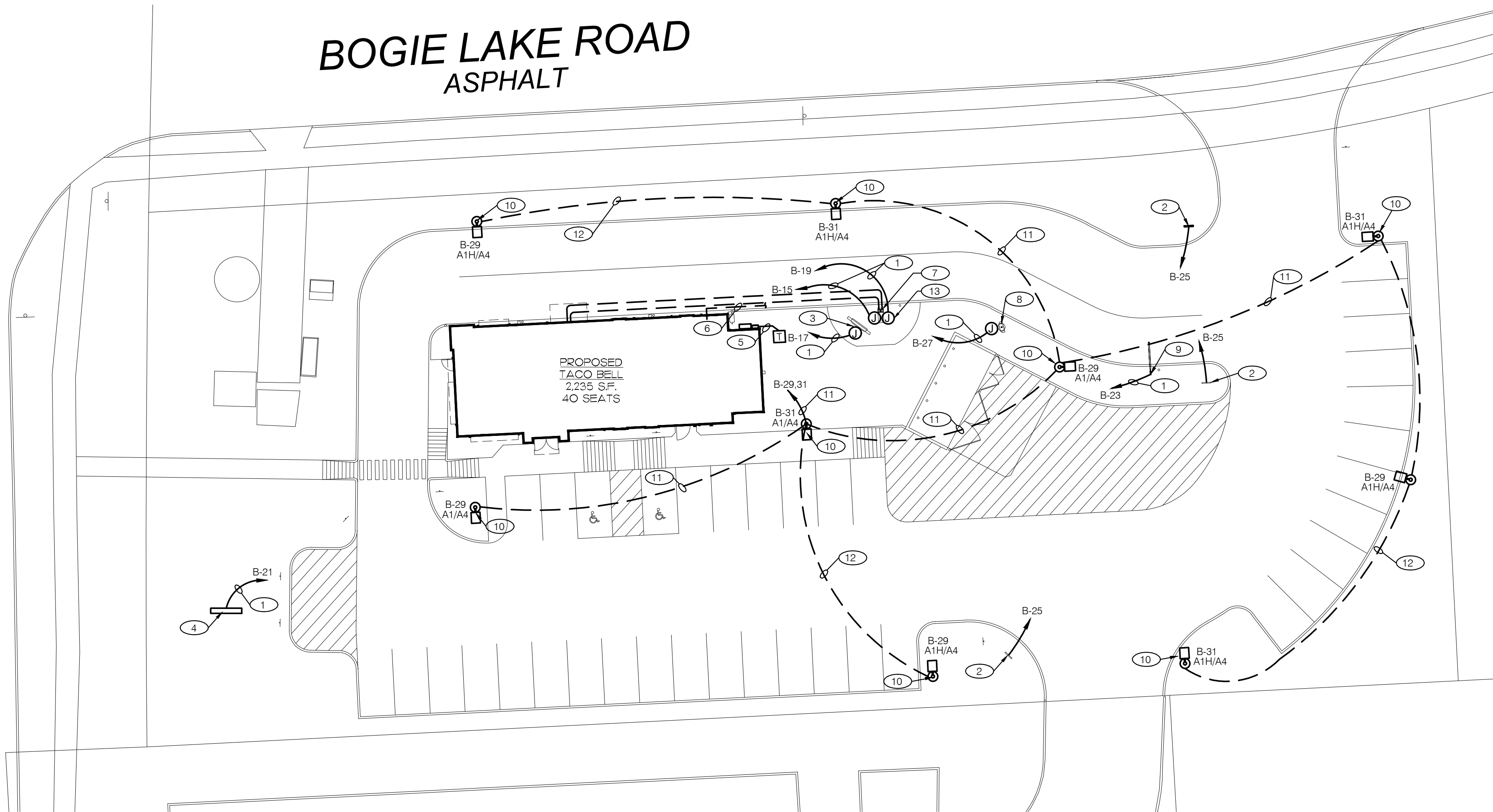
ENDEAVOR 2.0 PLUMBING DETAILS

P6.0

PLOT DATE: 11/18/2021

HIGHLAND ROAD
130' PUBLIC RIGHT OF WAY - ASPHALT

BOGIE LAKE ROAD
ASPHALT

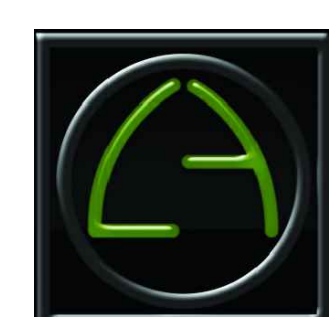


CONDUIT SCHEDULE		
DEVICE	POWER	DATA
DIRECTIONAL	(1) 3/4"	-
SPEAKER POST	(1) 1"	(1) 1"
MENUBOARD	(1) 1"	(2) 1"
PREVIEW BOARD (OPTIONAL)	(1) 1"	(2) 1"

- 1 3/4" C. - 2 #10, #10 GRD. (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&3/C1-1.
- 4 LED PYLON 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 CIVIL DRAWINGS. TYP. REFER TO DETAIL 12/C1-1.
- 11 1" C. - 3 #8, #8 GRD.
- 12 3/4" C. - 2 #8, #8 GRD.
- 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: 11/18/2021

P:\2021\273 L+A Architects\21093 Great Lakes Taco - White Lake\Card\Active\E1.0 - Site Electrical Plan.dwg, 3/9/2022 2:50:36 PM, dbarry



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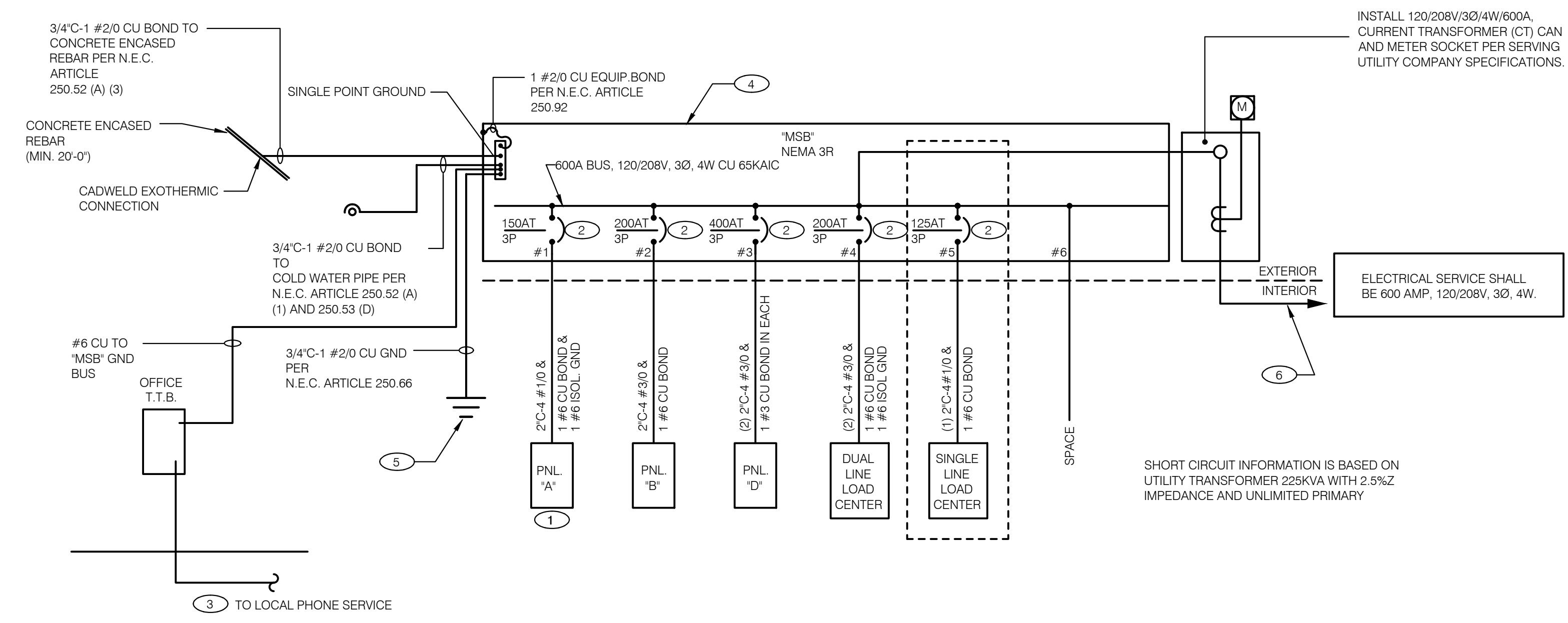
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ENDEAVOR 2.0
ELECTRICAL ONE LINE DIAGRAMS AND LEGEND

E2.0

PLOT DATE: 11/18/2021



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		CONDUIT RUN, UNDERGROUND
	EXIT SIGN (CEILING MOUNTED)		CEILING DUPLEX OUTLET		SMOKE DETECTOR
	SECURITY STROBE		DUPLEX ISOLATED GROUND OUTLET		EXTERIOR WALL FIXTURE
			DOUBLE DUPLEX ISOLATED GROUND OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
			DEDICATED ISOLATED GROUND		WEATHERPROOF GROUND FAULT
			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**

- 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.

ONE LINE DIAGRAM GENERAL NOTES NTS **C**

- 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 X 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 BUILDING 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. #4350 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 #4500 KCMIL IN EACH (2) 3-1/3".

ONE LINE DIAGRAM KEY NOTES NTS **B**

Switchboard: MSB

Location: Volts: 120/208 Wye
Supply From: MSB Phases: 3
Mounting: SURFACE Mains Type: 65 KAIC
Enclosure: NEMA-3R Wires: 4 Mains Rating: 600 A
MCB Rating:

Notes:

CKT	Circuit Description	WIRE SIZE	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANELBOARD A	1/0	3	225 A	150 A	28476 VA	--
2	PANELBOARD B	3/0	3	225 A	200 A	57857 VA	--
3	DUAL COOK LINE PANEL	3/0	3	225 A	200 A	52000 VA	--
4	PANELBOARD D	600	3	400 A	400 A	34772 VA	--
5	SINGLE COOK LINE	2	3	225A	125 A	28800 VA	--
6	SPACE						
Total Conn. Load:						207473 VA	
Total Amps:						576.3 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	38016 VA	100.00%	38016 VA	
Kitchen	20406 VA	65.00%	13263 VA	Total Conn. Load: 201905 VA
Lighting	7309 VA	100.00%	7309 VA	Total Est. Demand: 166482 VA
Other	16916 VA	100.00%	16916 VA	Total Conn. Current: 560.8 A
Power	15020 VA	100.00%	15020 VA	Total Est. Demand Current: 462.4 A
Receptacle	5480 VA	100.00%	5480 VA	
Refrigeration	17958 VA	100.00%	17958 VA	
Dual Cook Line	52000 VA	65.00%	33800 VA	
SINGLE COOK LINE	28800 VA	65.00%	18720 VA	
TOTAL LOAD:	201905 VA		166482 VA	

Branch Panel: B

Location: Volts: 120/208 Wye
Supply From: MSB Phases: 3
Mounting: Recessed Mains Type: SERIES
Enclosure: Type 1 Wires: 4 Mains Rating: 225 A
MCB Rating:

Notes:

CKT	Circuit Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Circuit Description	CKT		
1	DINING LTS	12	20 A	1	810 VA	1500 VA		1	20 A	21	EXTERIOR SIGNAGE	2		
3	EXTERIOR SCONCE/PATIO LTS	12	20 A	1		360 VA	200 VA		1	20 A	UTILITY RECEIPT	4		
5	KITCHEN/ BOH/ RESTROOM LTS	12	20 A	1				843 VA	200 VA	1	20 A	12	CIRC PUMP CP-1 & AQUA STAT	6
7	LTG - SHOW WINDOW	12	20 A	1	1400 VA	0 VA				1	20 A	12	Spare	8
9	LTG - SHOW WINDOW	12	20 A	1		600 VA	500 VA			1	20 A	12	TBCCB	10
11	LTG - COOLER & FREEZER	12	20 A	1			800 VA	500 VA		1	20 A	12	E1AN TBANS SHUNT PANEL	12
13	LTG - SHOW WINDOW	12	20 A	1	1400 VA	0 VA				1	20 A	10	FUTURE DRIVE THRU SPEAKER POST	14
15	DRIVE THRU SPEAKER POST	10	20 A	1		360 VA	0 VA			1	20 A	10	FUTURE DRIVE THRU MENU BOARD	16
17	DRIVE THRU MENU BOARD	10	20 A	1			1000 VA	0 VA		1	20 A	10	FUTURE LTG - ORDER CANOPY	18
19	LTG - ORDER CANOPY	10	20 A	1	1000 VA	0 VA				--	--		Space	20
21	LTG - PYLON SIGN	10	20 A	1		1000 VA	0 VA			--	--		Space	22
23	LTG - CLEARANCE BAR	10	20 A	1			500 VA	0 VA		--	--		Space	24
25	LTG - DIRECTIONAL SIGN	10	20 A	1	500 VA	0 VA				1	20 A		Spare	26
27	SPARE - FUTURE PREVIEW BOARD	10	20 A	1		0 VA	0 VA			1	20 A		Spare	28
29	LED Site Lighting	8	20 A	1			748 VA	0 VA		1	20 A		Spare	30
31	LED Site Lighting	8	20 A	1	748 VA	0 VA				1	20 A		Spare	32
33	EF-1 1/2 HP	12	20 A	1		1176 VA	1500 VA			1	20 A	12	PURPLE WALL WASH LIGHTS	34
35	EF-2 1/4 HP	12	20 A	1			696 VA	1500 VA		1	20 A	12	PURPLE WALL WASH LIGHTS	36
37					4320 VA	8352 VA								38
39	RTU-1 36.0 FLA	6	50 A	3		4320 VA	8352 VA			3	100 A	2	RTU-2 69.6 MCA	40
41								4320 VA	8352 VA					42
Total Load:					23198 VA	21536 VA	22627 VA							
Total Amps:					193.3 A	179.5 A	188.5 A							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	38016 VA	100.00%	38016 VA	
Lighting	7309 VA	100.00%	7309 VA	Total Connected Load: 57857 VA
Other	11332 VA	100.00%	11332 VA	Total Estimated Demand: 57857 VA
Power	1000 VA	100.00%	1000 VA	Total Connected Current: 160.7 A
Receptacle	200 VA	100.00%	200 VA	Total Estimated Demand Current: 160.7 A
System Voltage: 120/208 Wye				

Notes:

Branch Panel: A

Location: Volts: 120/208 Wye
Supply From: MSB Phases: 3
Mounting: Recessed Mains Type: M.L.O.
Enclosure: Type 1 Wires: 4 Mains Rating: 225 A
MCB Rating:

Notes:

CKT	Circuit Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Circuit Description	CKT		
1	P-417 TIMER	12	20 A	1	180 VA	300 VA				1	20 A	12	F-040 OFFICE COMPUTER	2
3	S-544 ICED TEA	12	20 A	1		480 VA	1040 VA			1	20 A	12	DRIVE THRU POS/ORDER ENTRY 1	4
5	OFFICE QUAD RECEPTACLE	12	20 A	1			680 VA	480 VA		1	20 A	12	S-546 BREWER	6
7	J-BOX SECURITY SYSTEM / DVR	12	20 A	1	1180 VA	180 VA				1	20 A	12	U-011	8
9	L-044 HEAT CABINET	12	20 A	1		1800 VA	540 VA			1	20 A	12	RECEPTACLES - OFFICE	10
11	U-050 SECURITY SYSTEM	20	20 A	1			860 VA	864 VA		1	20 A	12	S-204 D/T TIMING SYSTEM	12
13	F-090	12	20 A	1	1540 VA	1140 VA				1	20 A	12	R-009 FULL HEIGHT FREEZER	14
15	S-285 BEVERAGE DISPENSER D/T	12	20 A	1		1428 VA	2013 VA			1	20 A	12		16
17	P-452 HOT WATER SYSTEM	10	30 A	2			2013 VA	2013 VA		2	30 A	10	P-452 HOT WATER SYSTEM	18
19										1	20 A	12	C-107 RETHERMALIZER	20
21	Spare	12	20 A	1		0 VA	0 VA			1	20 A	12	Spare	22
23	C-026 FRYER	12	20 A	1			972 VA	100 VA		1	20 A	12	C-400 COOK TIMER	24
25	Spare	12	20 A	1	0 VA	500 VA				1	20 A	12	INTERIOR DIGITAL MENUBOARD	26
27	INTERIOR DIGITAL MENUBOARD	12	20 A	1		500 VA	500 VA			1	20 A	12	OCB SWITCH	28
29	DINING POS ENTRY 2	12	20 A	1			1040 VA	1800 VA		1	20 A	12	Power L-045 WARMER R TO L	30
31	DRIVE THRU MONITORS	12	20 A	1	180 VA	360 VA				1	20 A	12	F-174 SAFE W/TOUCHSCREEN	32
33	Spare	20 A	1			0 VA	1540 VA			1	20 A	12	DINING POS ENTRY 1	34
35	Spare	20 A	1				0 VA	0 VA		1	20 A		Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A		Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A		Spare	40
41	Spare	20 A	1				0 VA	0 VA		1	20 A		Spare	42
43	Spare	20 A	1	0 VA	0 VA					1	20 A		Spare	44
45	Spare	20 A	1			0 VA	0 VA			1	20 A		Spare	46
47	Spare	20 A	1			0 VA	0 VA			1	20 A		Spare	48
49	Spare	20 A	1	0 VA	0 VA					1	20 A		Spare	50
51	Spare	20 A	1			0 VA	0 VA			1	20 A		Spare	52
53	Spare	20 A	1				0 VA	0 VA		1	20 A		Spare	54
Total Load:					7813 VA	9841 VA	10822 VA							
Total Amps:					65.1 A	82.0 A	90.2 A							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Kitchen	15192 VA	65.00%	9874 VA	
Power	6480 VA	100.00%	6480 VA	Total Connected Load: 28476 VA
Receptacle	1220 VA	100.00%	1220 VA	Total Estimated Demand: 23158 VA
Other	5584 VA	100.00%	5584 VA	Total Connected Current: 79.1 A
Total Estimated Demand Current: 64.3 A				
System Voltage: 120/208 Wye				

Notes:

NOTE
PARKING LOT LIGHTING AND SIGNAGE SHALL PASS THROUGH TBCCB

NOTE TO CONTRACTORS
ALL CONTRACTORS PRIOR TO BID SUBMISSION PROCESS SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITION THAT DIFFERS FROM THAT SHOWN ON THESE PLANS SHALL BE REPORTED TO THE TENANTS ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATION TO THE SCOPE OF WORK WHICH RESULTS FROM THE CONTRACTORS NEGLIGENCE TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY.

- GENERAL NOTE:**
FOR PARKING LOT (SITE) LIGHTS AND OUTSIDE SIGNS: PROVIDE (5) 3/4" C FROM PANEL 'B' AND STUB OUT 10'-0" AWAY FROM THE BUILDING. VERIFY EXACT LOCATION OF STUB PRIOR TO ROUGH-IN. LOADS MAY VARY WITH LOCATION. VERIFY OUTDOOR VOLTAGE DROP FOR ALL PARKING LIGHTING (SITE) CIRCUITS.
- KEY NOTES:**
- PROVIDE LOCK-ON BREAKER.
 - CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS 6.0 THROUGH 6.3.
 - PROVIDE GFI BREAKER. CIRCUIT TO BE WIRED THROUGH TBANS. SEE SHEETS E7.0 AND E7.1.



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6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0 ELECTRICAL SCHEDULES

E2.1

PLOT DATE: 11/18/2021

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COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																	
EQUIPMENT IDENTIFICATION			EQUIPMENT ELECTRICAL CHARACTERISTICS					EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT					
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLAIR/LA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	SUPPLIED BY	INSTALLED BY	NOTES
B-223	O	B-223 WATER HEATER IGNITION	120 V/1-744 VA	6.2	7.2	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
B-381	O	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
C-026	KR	FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
C-107	O	REHERMALIZER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
C-400	O	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
DCL	O	DUAL COOK LINE	208 V/3-52000 VA	145	145	200	200	1	4#3/0 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
E1AN	O	TBANS SHUNT PANEL	120 V/1-500 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
F-040	O	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-090	O	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-174	O	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
IR-01	O	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
L-043	O	INTERIOR ROTATING MENU BOARD & REMOTE ALARM LT	120 V/1-500 VA	9.0	11.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
L-044	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
L-045	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
N-043	KR	POWER SOAK	208 V/2-4740 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	8
N-044	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
P-417	O	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
R-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-204	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-286	O	WATER FILTRATION SYSTEM	120 V/1-400 VA	2.0	2.4	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-544	O	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-546	O	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
SCL	O	SINGLE COOK LINE (OPTIONAL)	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
U-011	O	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	.24	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-061	O	RECEIPT PRINTER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-070	O	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-100	O	POS/ORDER ENTRY TERM	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-238	O	DRIVE THRU MONITOR	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
W-075	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	2

TYPE: H-HEATING, C-COOLING, KR-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, LC&P-LOCKING CORD & PLUG, F-FUSED, NF-NON-FUSED, MCB-MOLDED CASE CIRCUIT BREAKER SUPPLIED/INSTALLED BY: EC-ELECTRICAL CONTRACTOR, HC-HVAC CONTRACTOR, PC-PLUMBING CONTRACTOR, ES-EQUIPMENT SUPPLIER *VOLTAGE DROP CALCULATION FORMULAS COURTESY OF COOPER BUSSMANN.

NOTES: 1 - REQUIRES SHUNT TRIP PROTECTION 5 - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.
2 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE. 6 - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.
3 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC. 7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.
4 - CORD, PLUG & RECEPTACLE SUPPLIED AND INSTALLED BY EC.

REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ALL KITCHEN EQUIPMENT AND FINAL COORDINATION

Branch Panel: D														
Location: MSB			Volts: 120/208 Wye			A.I.C. Rating: SERIES								
Supply From: MSB			Phases: 3			Mains Type: M.L.O.								
Mounting: Recessed			Wires: 4			Mains Rating: 400 A								
Enclosure: Type 1							MCB Rating:							
Notes:														
CKT	Circuit Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Circuit Description	CKT		
1	CARBONATOR S-513, S-570	12	15 A	1	276 VA	0 VA		1	20 A		Spare	2		
3	B-223 WATER HEATER IGNITION	12	20 A	1		744 VA	1000 VA	1	20 A	12	ALTERNATE PAYMENT ROUTER BOX AN...	4		
5	Receptacle	12	20 A	1			180 VA	680 VA	1	20 A	12	IRRIGATION TIMER AND RECEPTACLE	6	
7	S-540 PEPSI TANK	12	20 A	1	564 VA	500 VA			1	20 A	12	MUSIC SYSTEM J-BOX AND RECEPTACLE	8	
9	RECEPTACLES - ROOF	12	20 A	1		540 VA	1560 VA		2	30 A	10	S-739 FROZEN BEV. DISP.	10	
11	CONVIENCE RECEPTACLES	12	20 A	1			720 VA	1560 VA					12	
13	GENERAL PURPOSE RECEPTACLES	12	20 A	1	1440 VA	1600 VA							14	
15	DRINK FOUNTAIN - S-284 AND S-513	12	20 A	1		1254 VA	1600 VA						16	
17	ICE MAKER CONDENSER	12	20 A	2	1600 VA	1600 VA	1600 VA	1600 VA	2	20 A	12	ICE MAKER CONDENSER	18	
19	S-286 WATER FILTER SYSTEM	12	20 A	1		400 VA	2370 VA						20	
21	B-381 AMPROBE CO2 MONITOR	12	20 A	1			156 VA	2370 VA		2	20 A	12	N-043 POWER SOAK	22
23	Spare	20 A	1	0 VA	500 VA				1	20 A	12	MUSIC SYSTEM (MUZAK)	24	
25	Spare	20 A	1			0 VA	1393 VA						26	
27	Spare	20 A	1				0 VA	1393 VA					28	
29	Spare	20 A	1					0 VA	1393 VA	3	20 A	12	W-075 WALK-IN FREEZER	30
31	Spare	20 A	1	0 VA	1393 VA								32	
33	Spare	20 A	1			0 VA	1393 VA						34	
35	Spare	20 A	1				0 VA	1393 VA	3	20 A	12	W-075 WALK-IN FREEZER	36	
37	Spare	20 A	1	0 VA	1393 VA								38	
39	Spare	20 A	1			0 VA	0 VA		1	20 A		Spare	40	
41	Spare	20 A	1				0 VA	0 VA	1	20 A		Spare	42	
Total Load:					10866 VA	12254 VA	11652 VA							
Total Amps:					91.0 A	102.1 A	97.1 A							
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals										
Kitchen	5214 VA	65.00%	3389 VA											
Power	7540 VA	100.00%	7540 VA											
Receptacle	4060 VA	100.00%	4060 VA											
Refrigeration	17958 VA	100.00%	17958 VA											
				Total Connected Load: 34772 VA										
				Total Estimated Demand: 32947 VA										
				Total Connected Current: 96.6 A										
				Total Estimated Demand Current: 91.5 A										
				System Voltage: 120/208 Wye										

Notes:



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PROJECT # 20023

DATE	REMARKS
1 02-25-22	Issued for Bids

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, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0 ELECTRICAL SCHEDULES

E2.2

PLOT DATE: 11/18/2021

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.

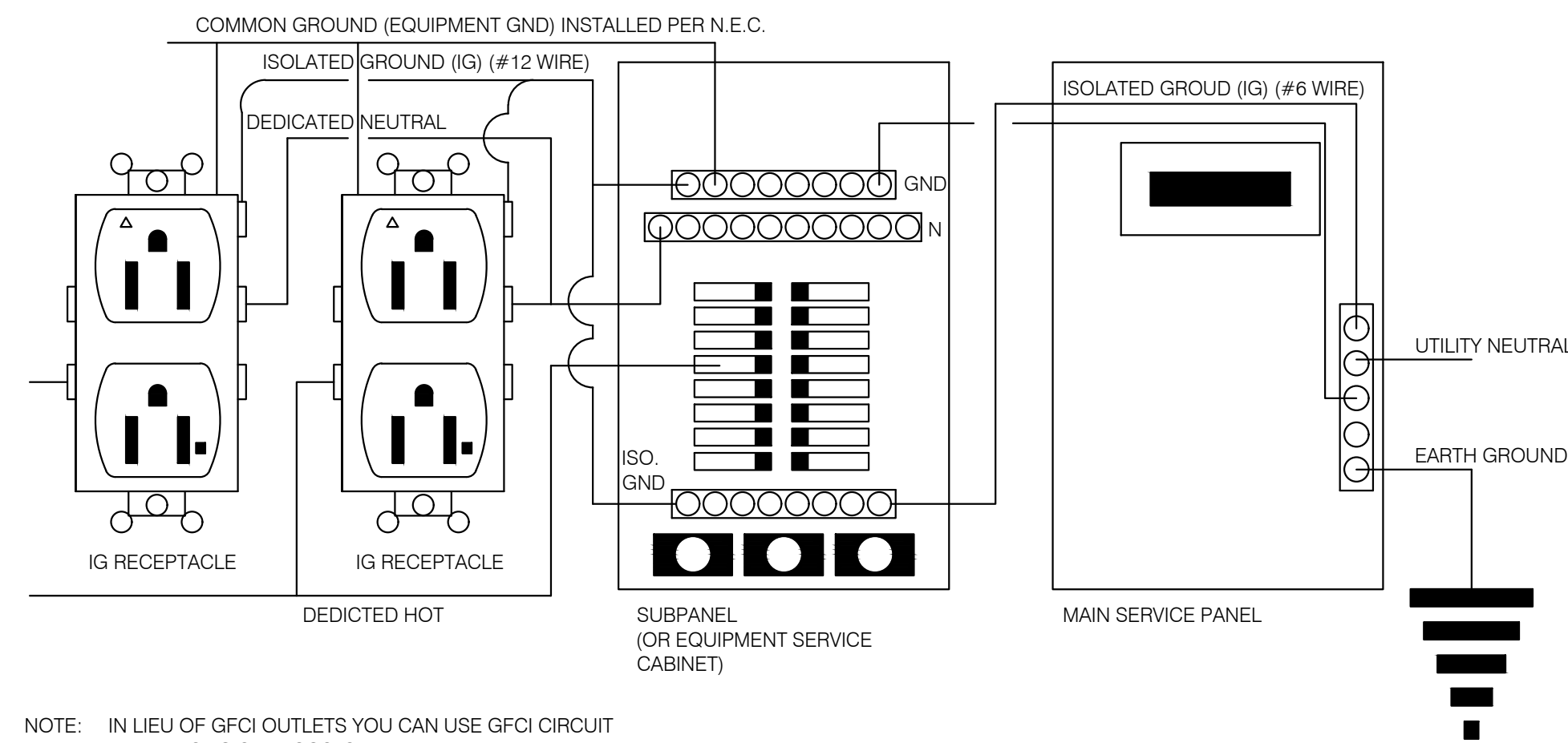
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

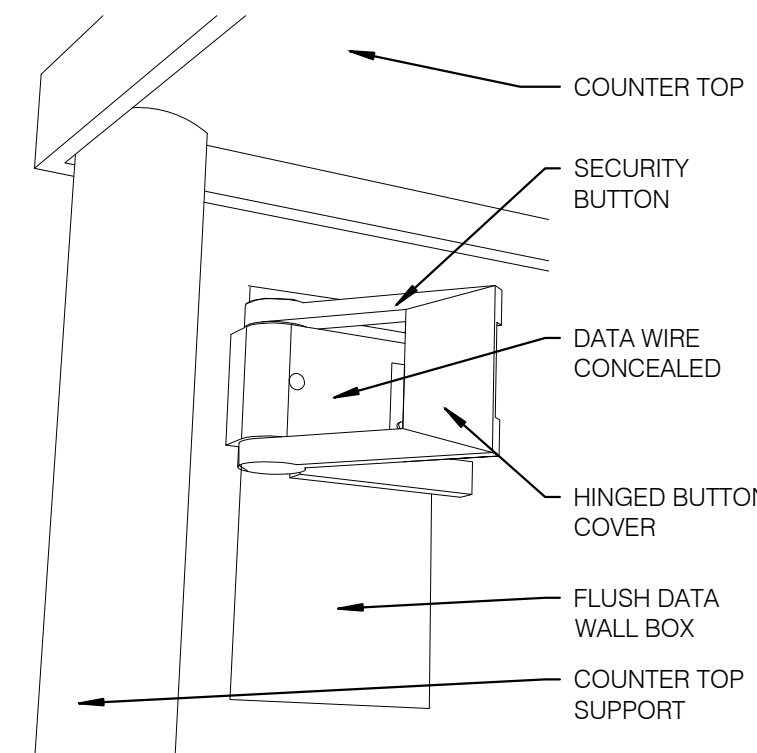
- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY 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.

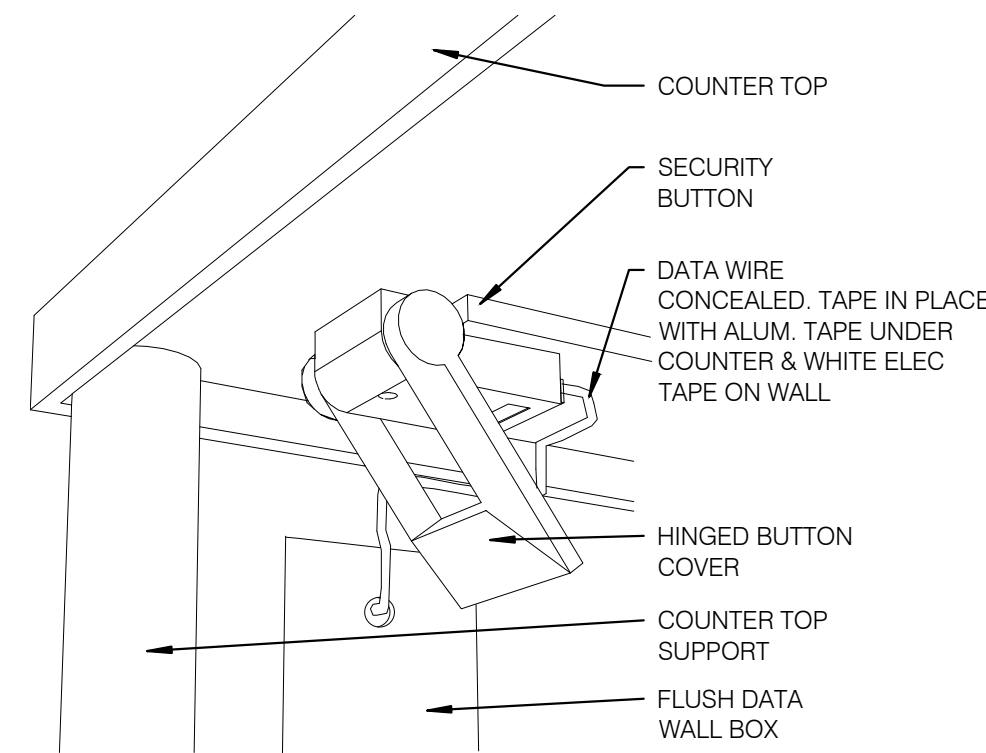
DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE 'PHASE ALIGNED' WITH THE 'B' PHASE OF BUILDING SUBPANEL 'A'.



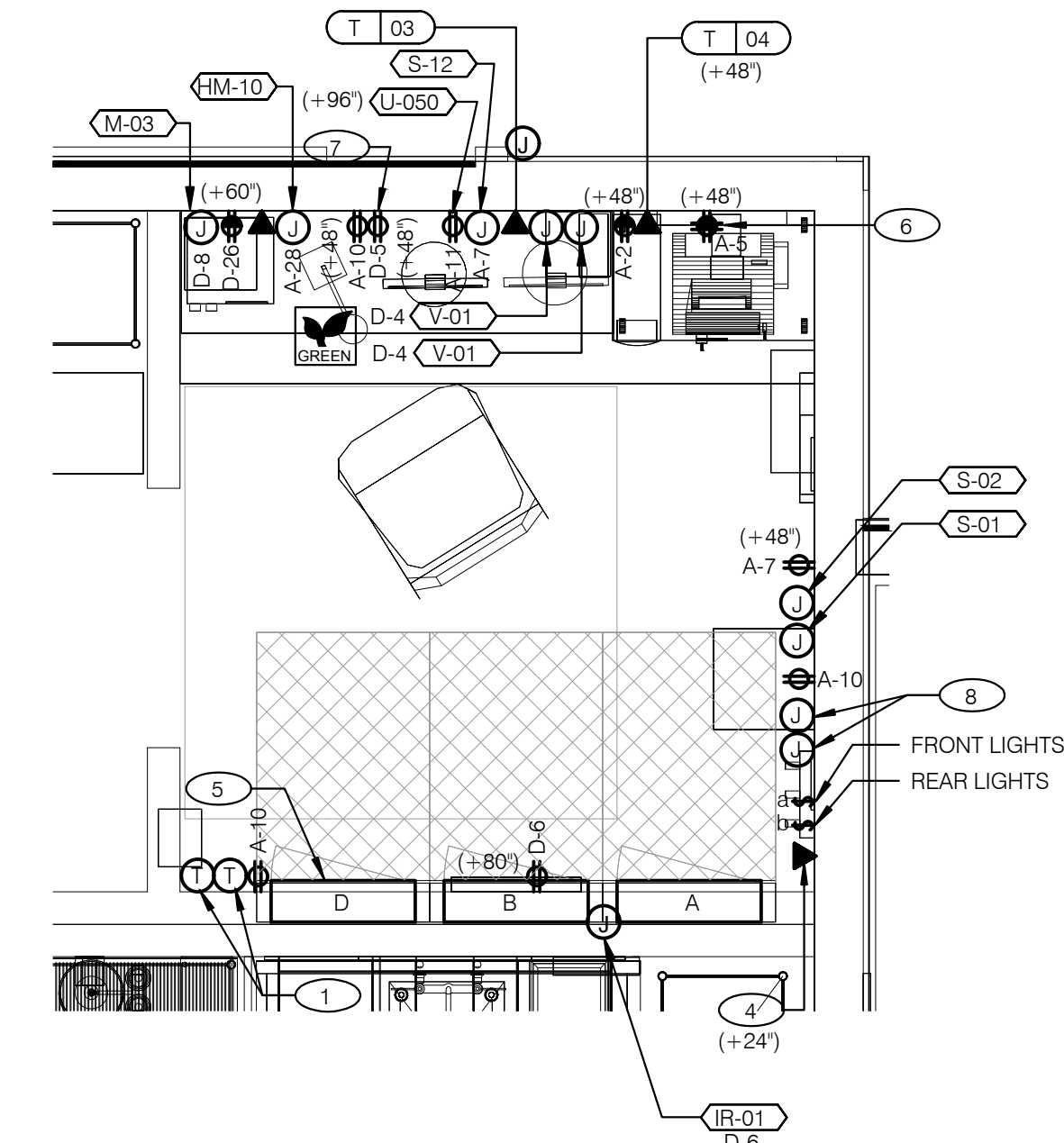
P.O.S. ISOLATED GROUND SYSTEM NTS **6**

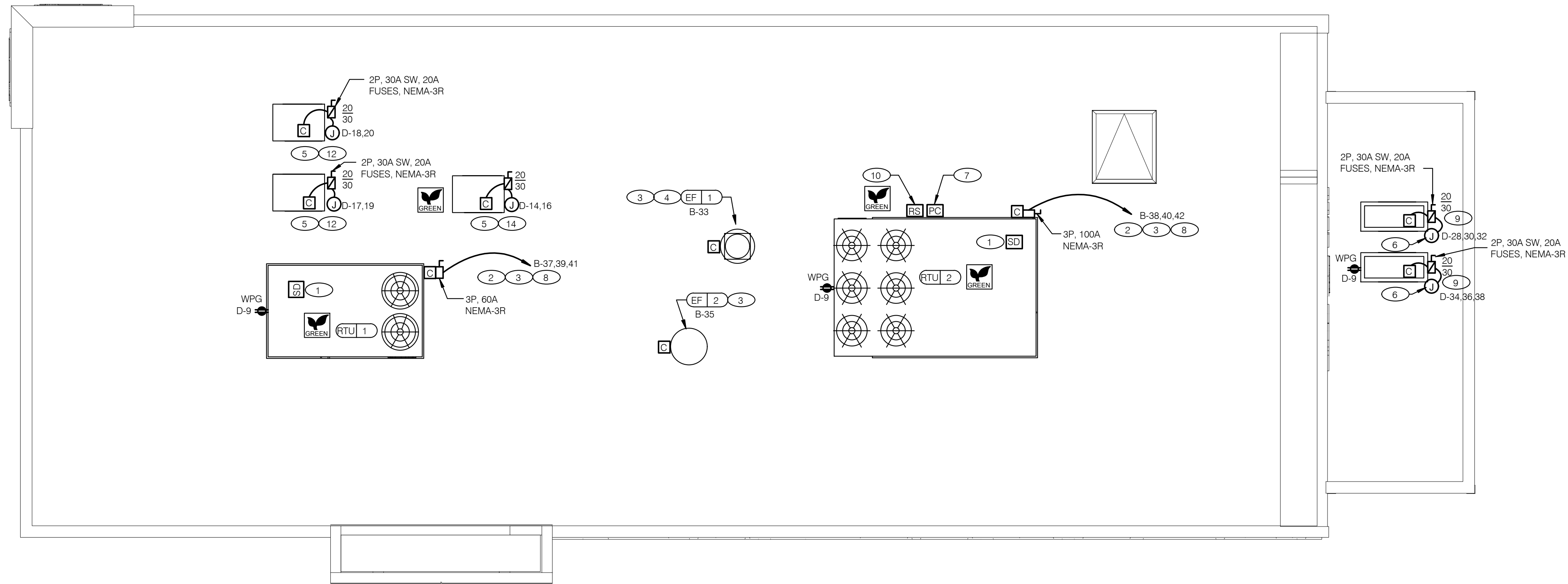


SECURITY BUTTON ON WALL NTS **3**



SECURITY BUTTON UNDER COUNTER NTS **4**





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 MFR'S AND INSTALLER'S 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 ENUNCIATOR. 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 CONVENIENCE 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 REQMTS. 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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 PROJECT # 20023

DATE	REMARKS
1 02-25-22	Issued for Bids

CONTRACT DATE:
 BUILDING TYPE: END. MED 40
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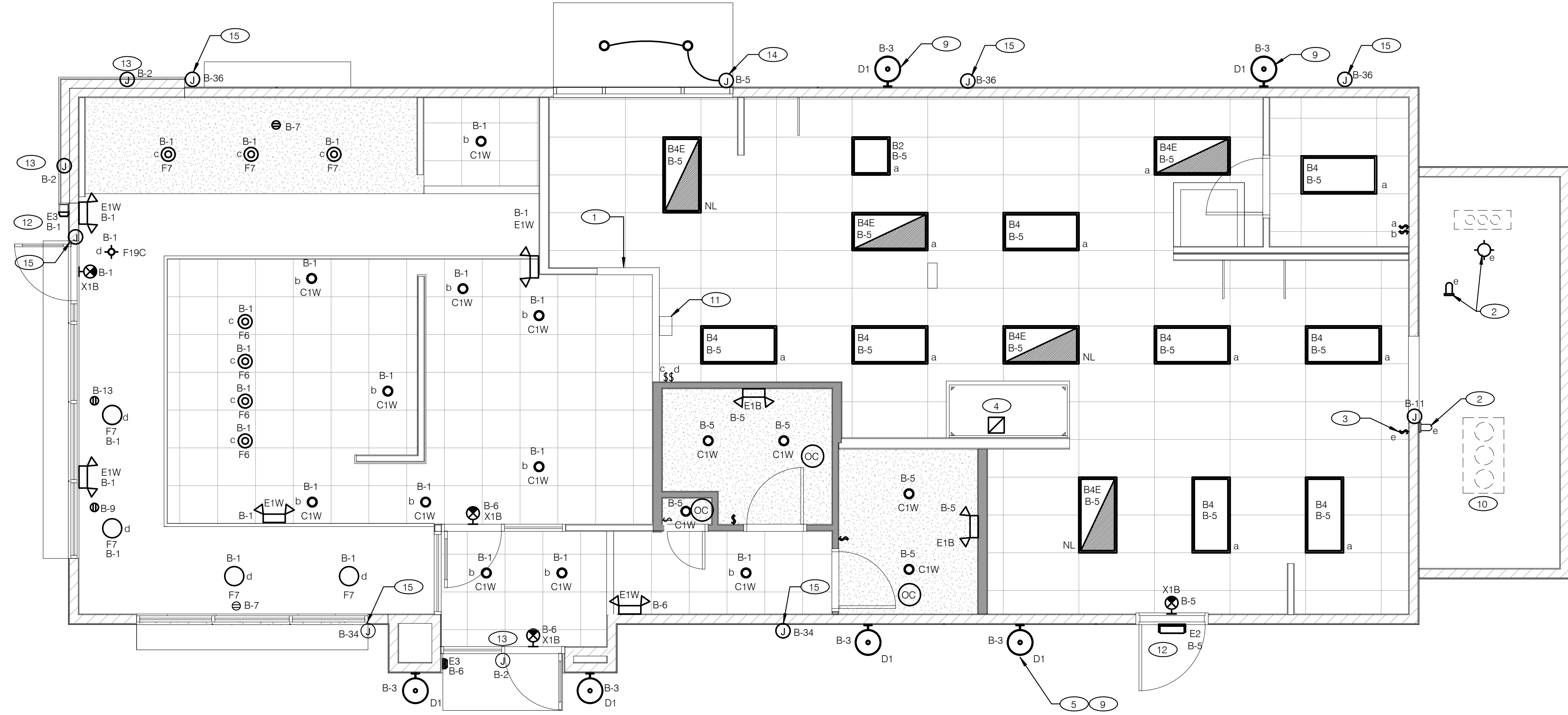
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TACO, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0
ELECTRICAL
POWER ROOF
PLAN

E3.2

PLOT DATE: 11/18/2021



PROVIDE DDCB DAYLIGHTING DIMMING SYSTEM AS REQUIRED BY LOCAL ENERGY CODE. CONTACT INFO@ACE-EMS.COM OR 949 770 2222 FOR DETAILS

- 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.
 - C. 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.
 - D. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a).
 - E. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB. SEE E6.0 THROUGH E6.3.
 - F. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
 - G. ALL FIXTURES SUPPLIED WITH LAMPS.
 - H. 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-09L-SIL-FT-40-70CRI	LED POLE LIGHT	POLE LIGHT MOUNTED AT 16'	LED	NA	120 V/1-62 VA	-
A4	LSI INDUSTRIES	4SQB3-S07G-16-BRZ	LIGHT POLE	16' LIGHT POLE	-	NA	0 V/1-0 VA	-
A1H	LSI INDUSTRIES	MRM-LED-09L-SIL-FT-40-70CRI-H	LED POLE LIGHT W/HOUSE SIDE SHIELDS	POLE LIGHT MOUNTED AT 16'	LED	NA	120 V/1-62 VA	-
A4	LSI INDUSTRIES	4SQB3-S07G-16-BRZ	LIGHT POLE	16' LIGHT POLE	-	NA	0 V/1-0 VA	-
B2	ABB	FLP22-D53W40	2X2 LED TROFFER	-	LED	NA	120 V/1-45 VA	-
B4	ABB	FLP24-D53W40	2X4 LED TROFFER	-	LED	NA	120 V/1-45 VA	-
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER	-	LED	NA	120 V/1-45 VA	-
C1W	MAXLITE	B6IC-AT-W-LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING	-	LED	NA	120 V/1-14 VA	-
D1	TROY	B2772	17"X14" WALL MOUNT SCONCE, OLD SILVER FINISH, MEDIUM BASE SOCKET, 100 WATT MAX	-	LED9A19D2527K	NA	120 V/1-60 VA-0 V/1-0 VA	ALIGN BOTTOM OF FIXTURE'S MOUNTING WITH CHANGE IN EIFS THICKNESS
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	-
E2	ELITE	ELM-807-SDT-BZ	CAMRAY LED EM WALL MNT, DRK BRNZ, CLD WEATHER	UNIVERSAL	-	EM	120 V/1-16 VA	-
E3	LITHONIA	AFF-PEL-DBTDX-UVOLT-LTP-S DRT-WT-CW	SELF-POWERED EMERGENCY WALLPACK W/ PHOTOCELL	8'-6"	LED	EM	120 V/1-20 VA	-
F6	KICHLER	43852OZ	9.75" GLASS PENDANT AVERY WITH MED BASE SOCKET RATED 100W MAX OLDE BRONZE FINISH	PENDANT, 6'-0" A.F.F.	1/LED AAMSCO LED-6W-ST64HYBRID-DIM	NA	120 V/1-100 VA	PLACEHOLDER INCLUDES LAMP
F7	HI-LITES	H24212-96-CB15-20WLBL-60P	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0027K	NA	120 V/1-20 VA	-
F19C	SPECTRUM LIGHTING	SPCO304INC-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 HSNG	UNIVERSAL	-/LED	EM	120 V/1-3 VA	-

- 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 AMD 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 "E3" 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 # 20023

DATE	REMARKS
02-25-22	Issued for Bids

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, L.L.C.
 6305 Highland Road (M-59)
 White Lake Twp., Michigan 48383



ENDEAVOR 2.0 LIGHTING PLAN AND DETAILS

E4.0

PLOT DATE: 11/18/2021

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 Occupied mode 15 minutes before the first Team Member arrives on the premises. This commands on 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 185 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,

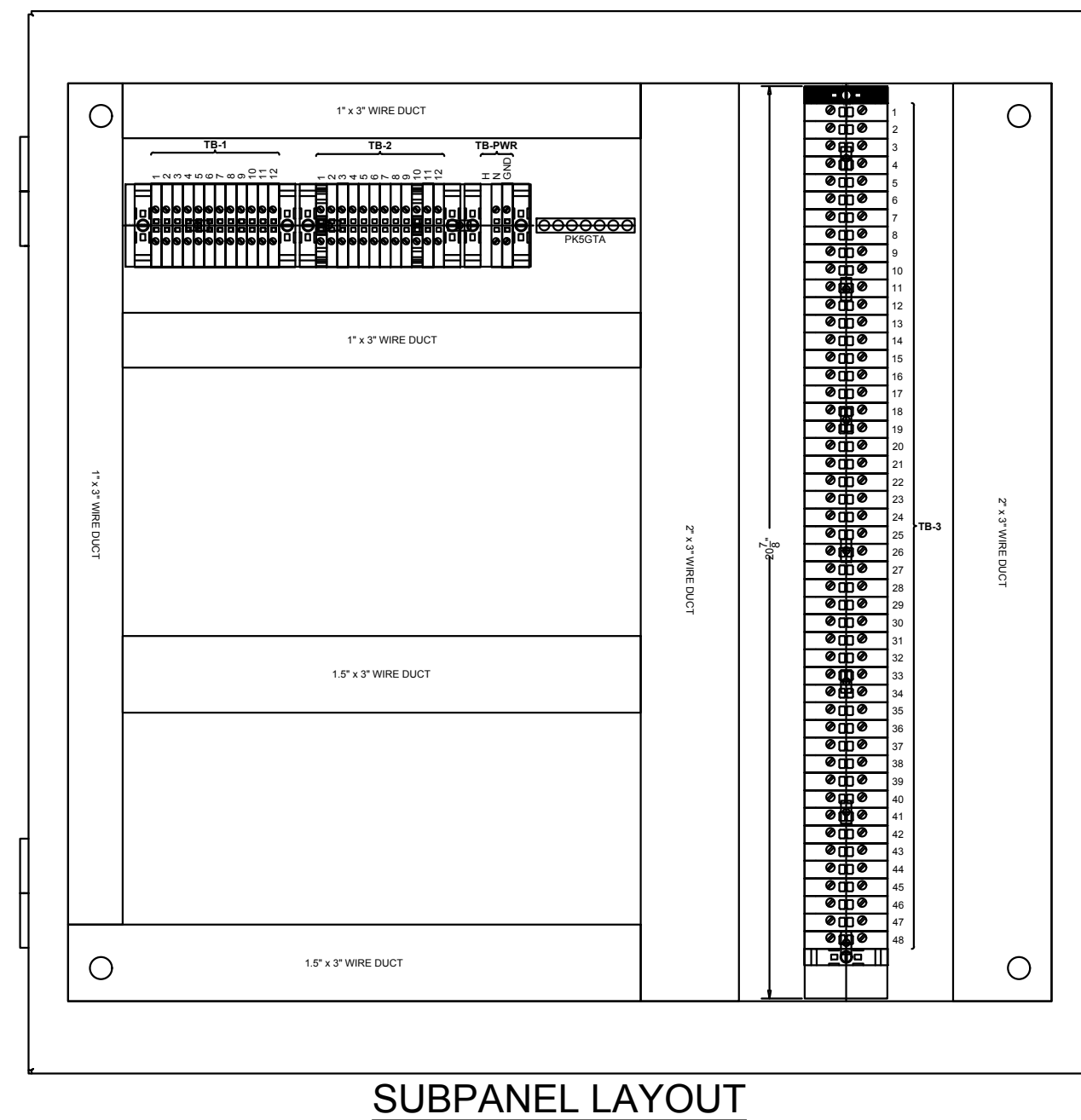
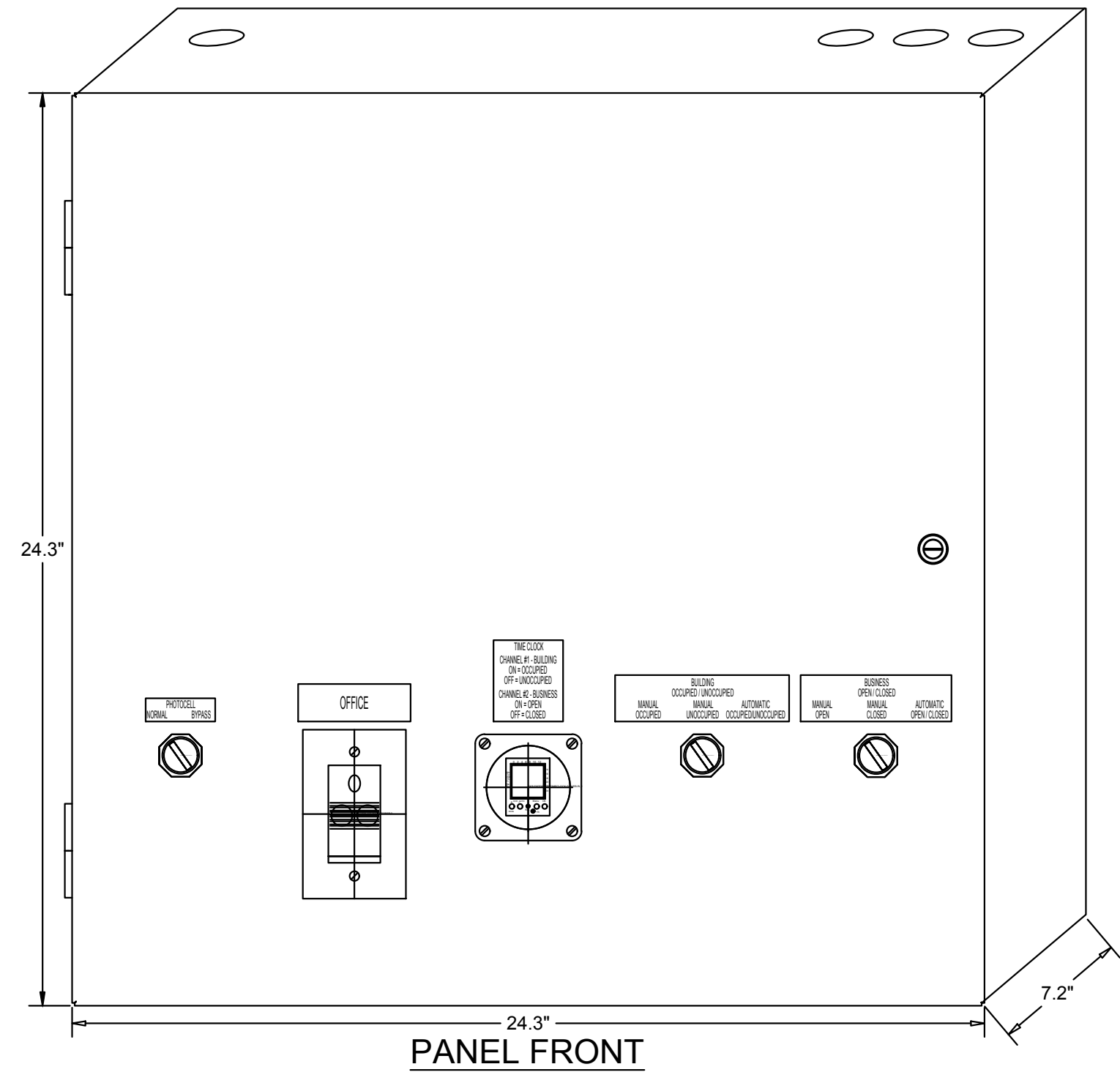
Manual CLOSED Mode

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.



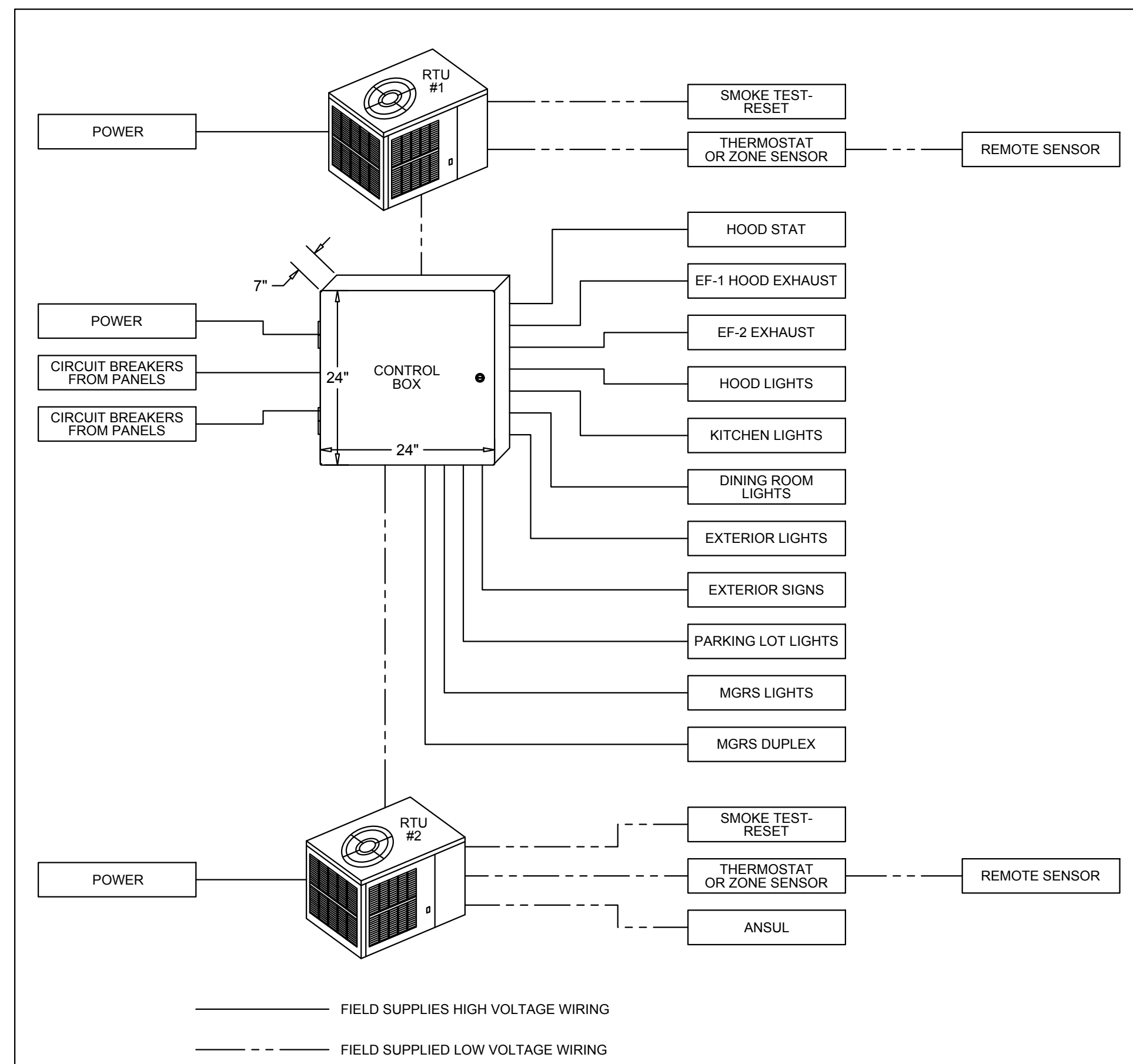
CONTROL BOX

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

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.

TBCCB-3-WOS



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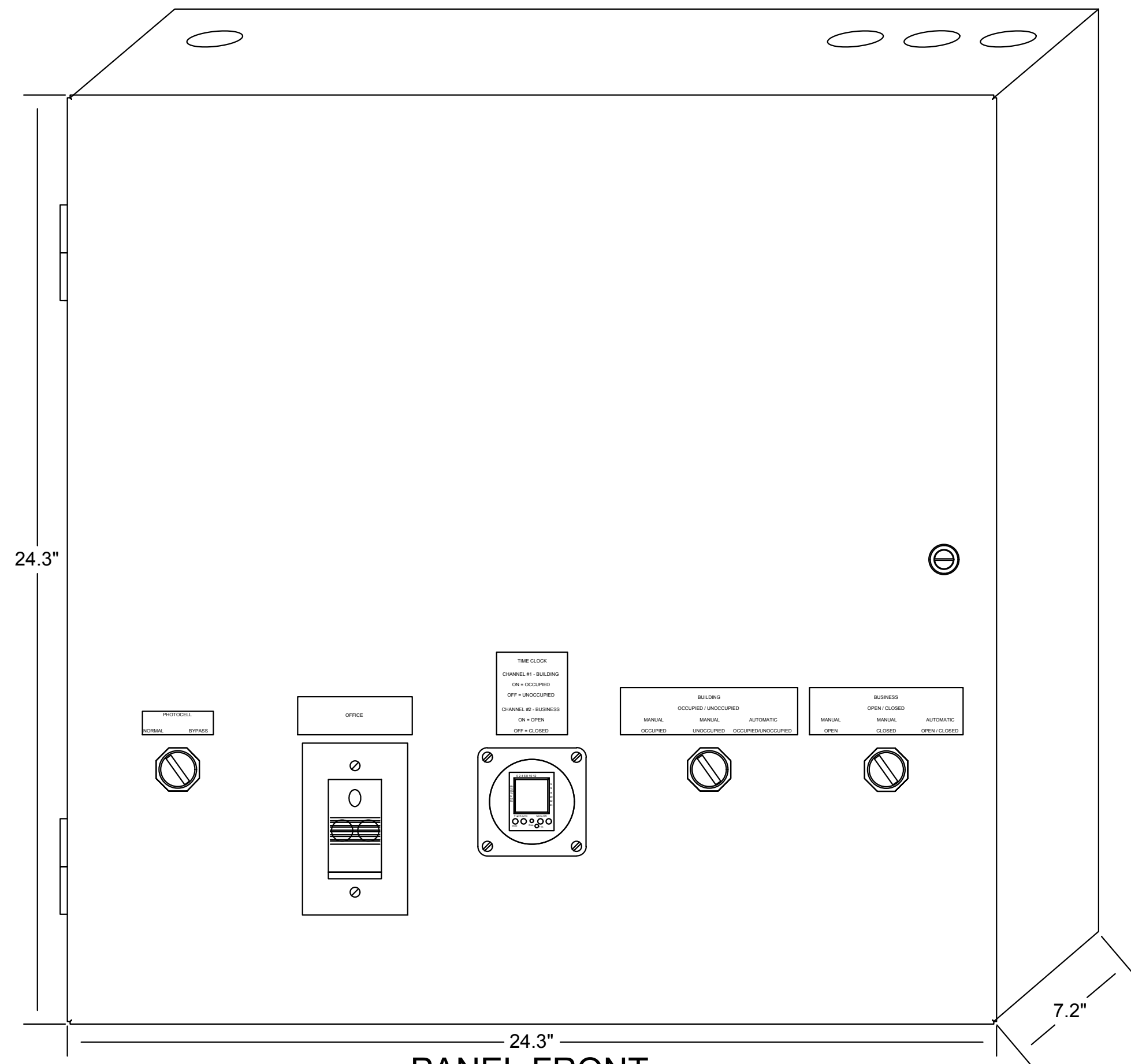
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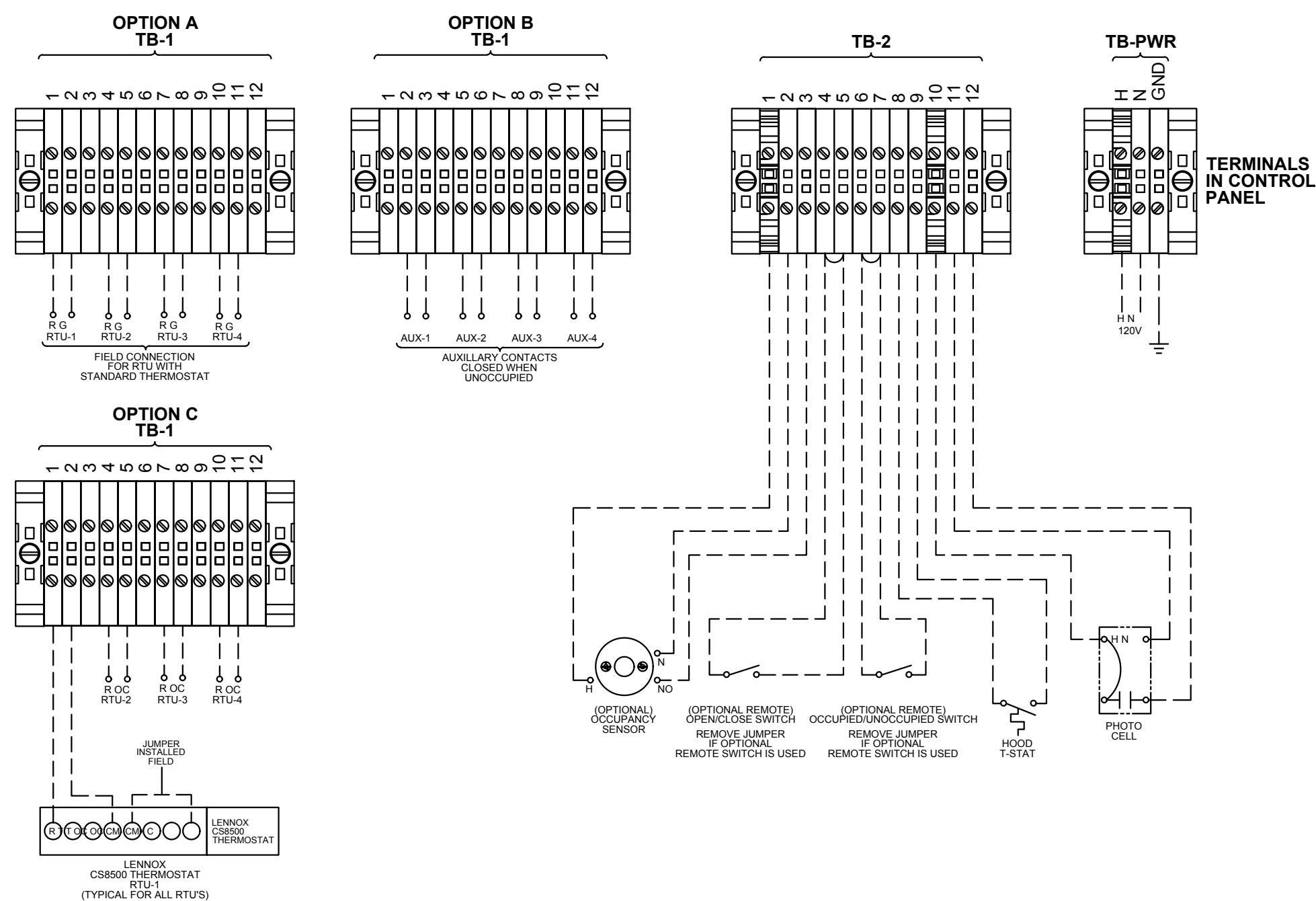
ENDEAVOR 2.0
ELECTRICAL
DETAILS -
TBCCB

E6.0

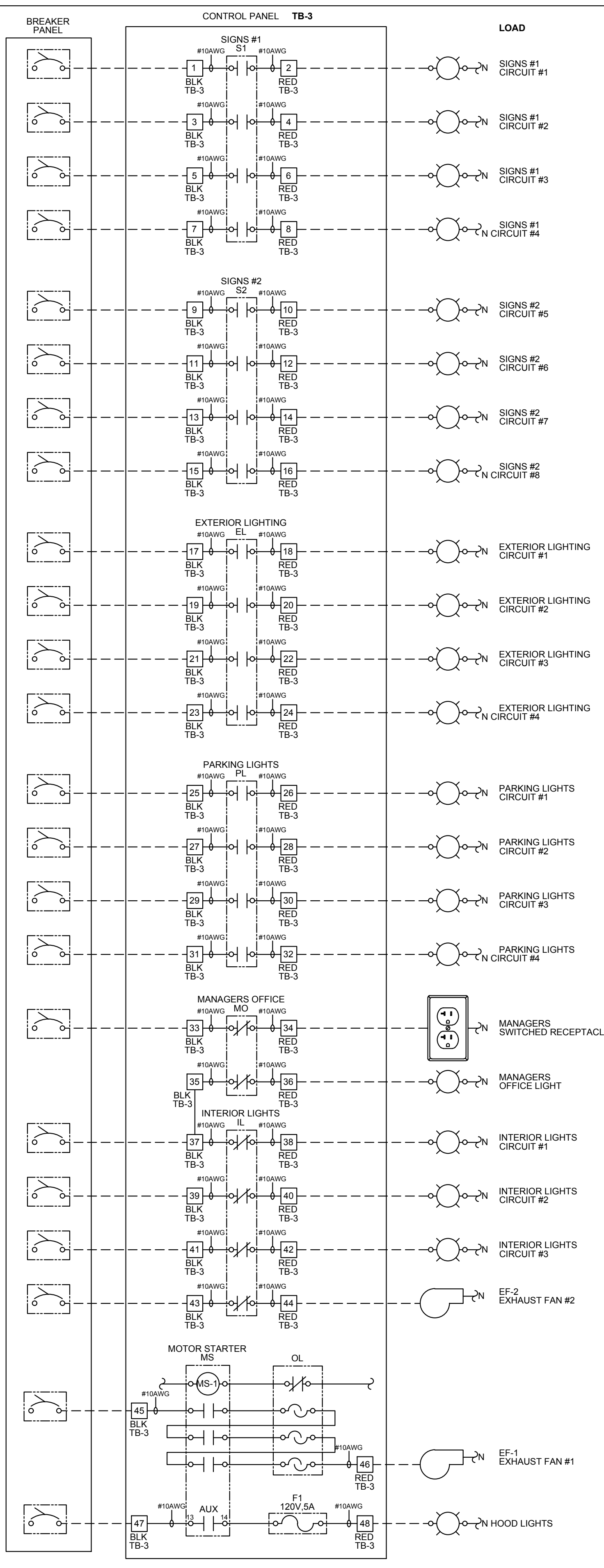
PLOT DATE: 11/18/2021



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

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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

--- 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.



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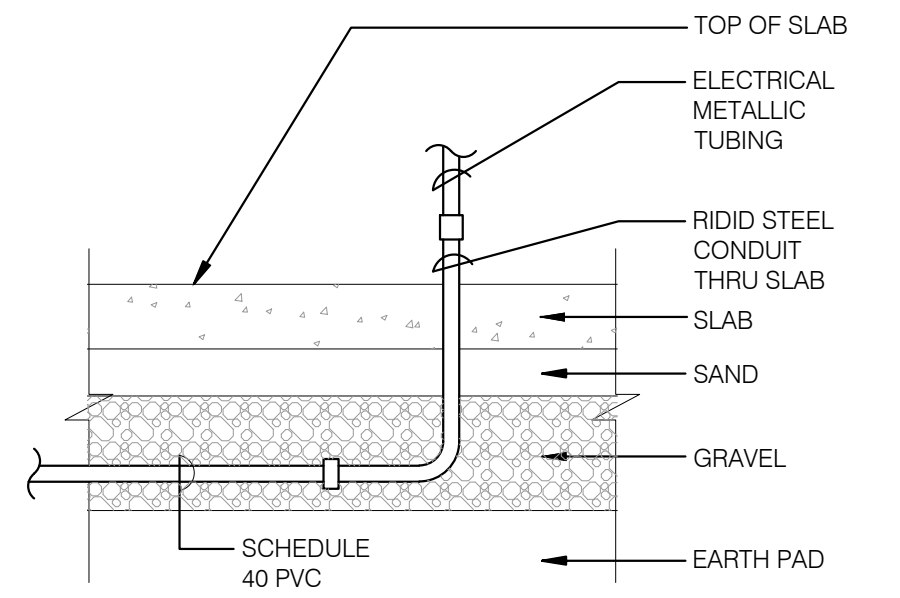


ENDEAVOR 2.0
ELECTRICAL DETAILS - TBCCB

E6.1

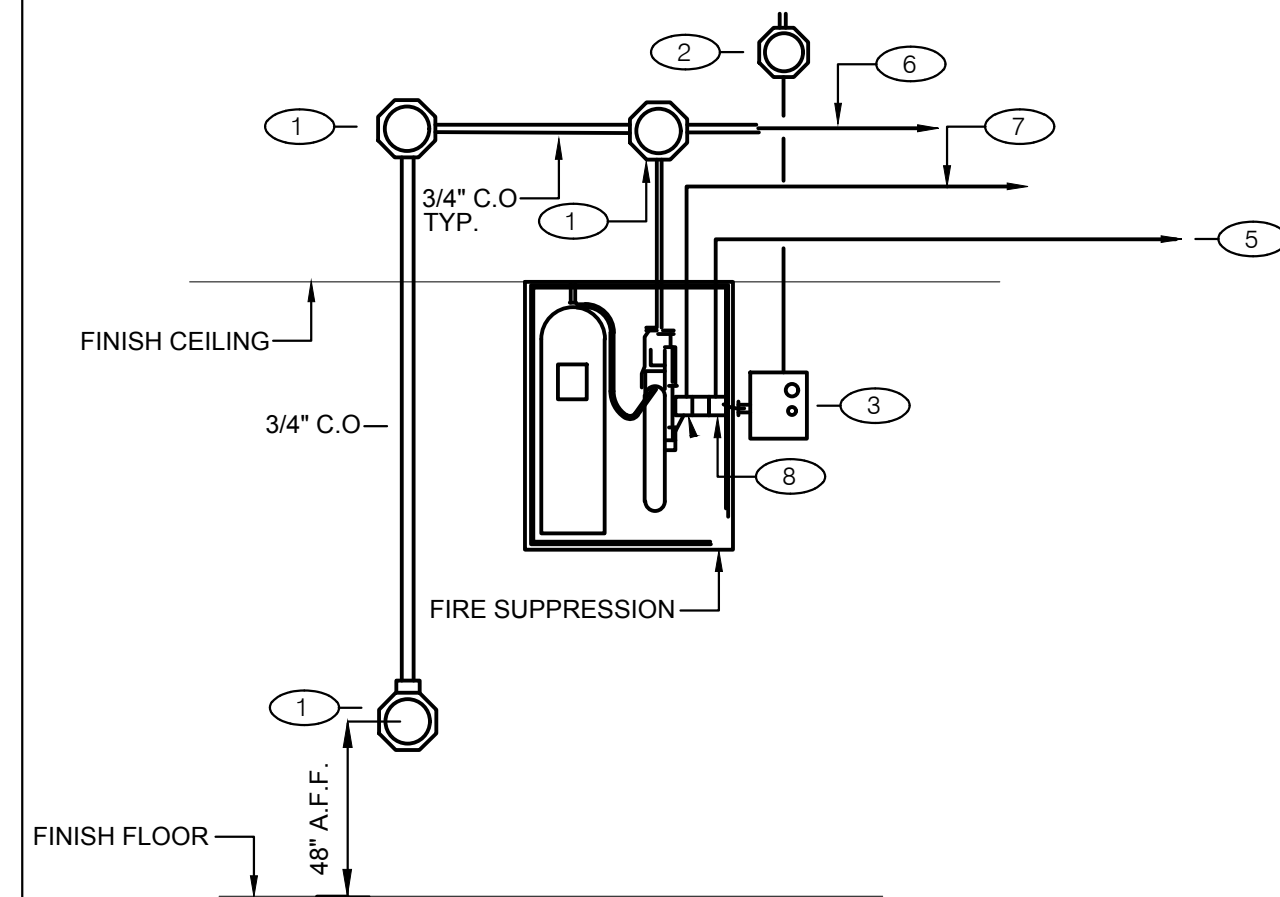
PLOT DATE: 11/18/2021

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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

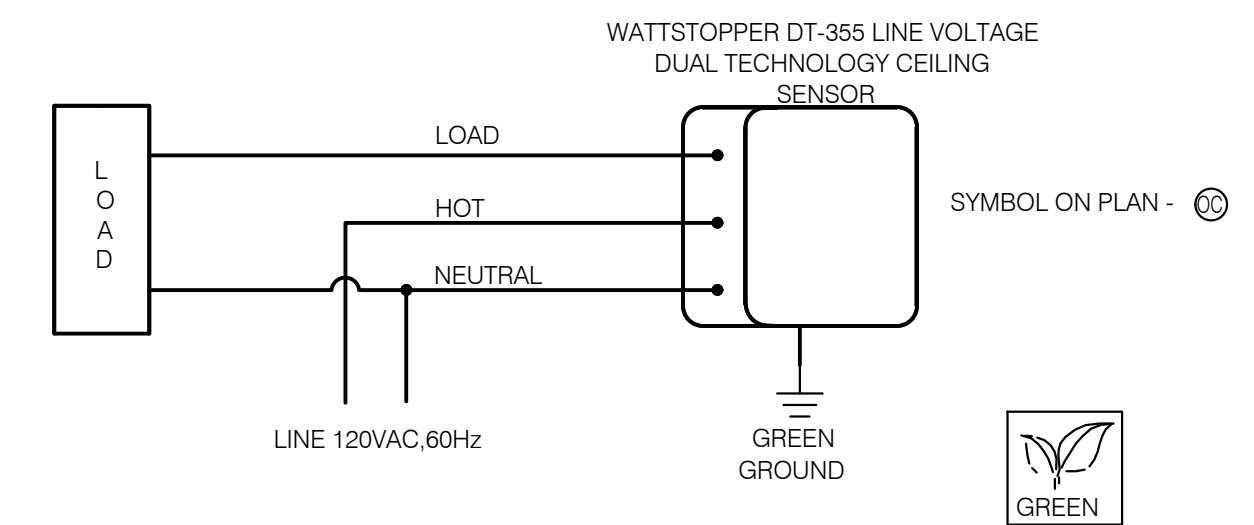
KEY NOTES:

- 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.

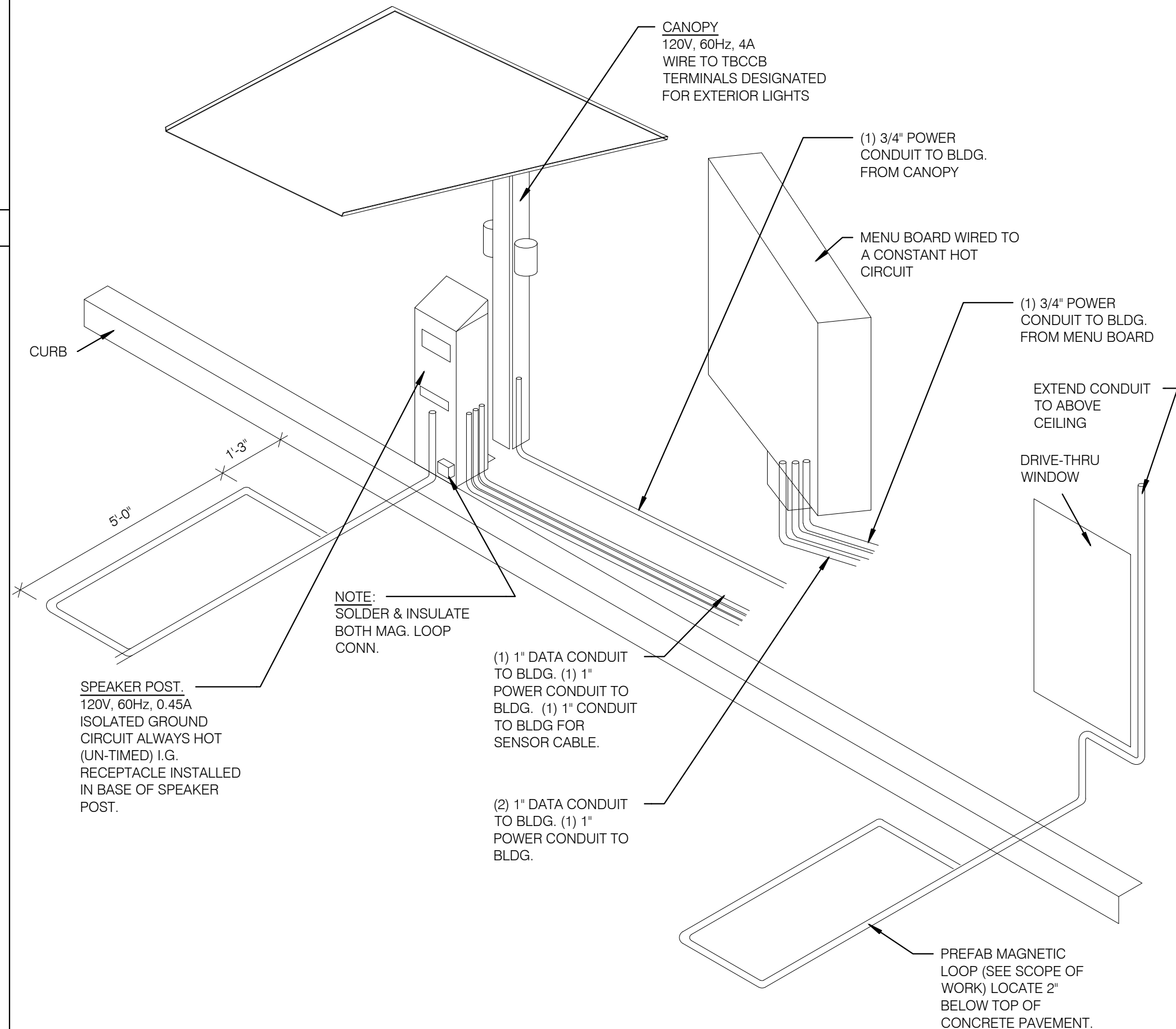
UNDER SLAB CONDUIT N.T.S. **7**

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

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



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



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

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

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

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

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



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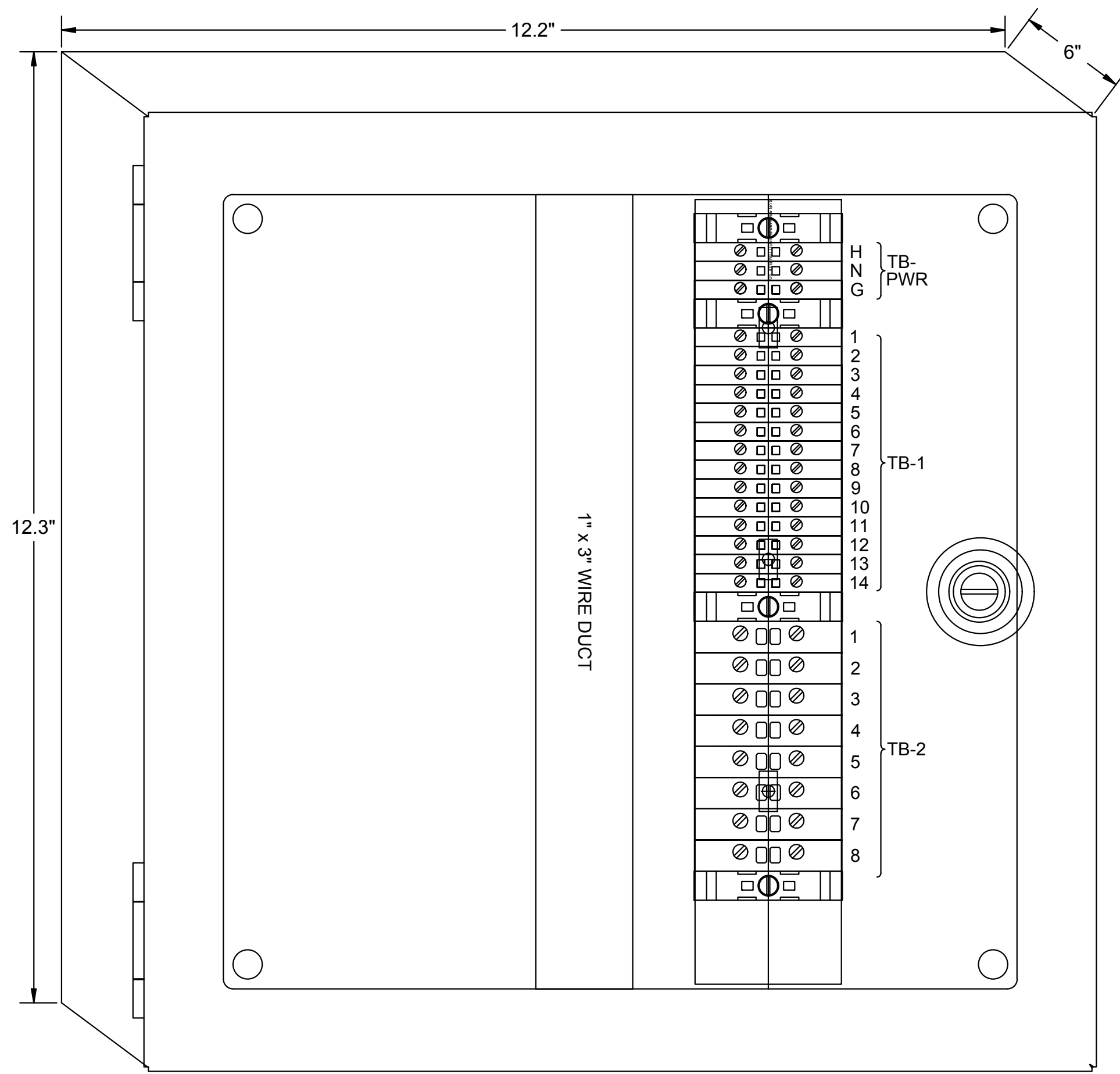


ENDEAVOR 2.0
ELECTRICAL
DETAILS

E7.0

PLOT DATE: 11/18/2021

YES008A

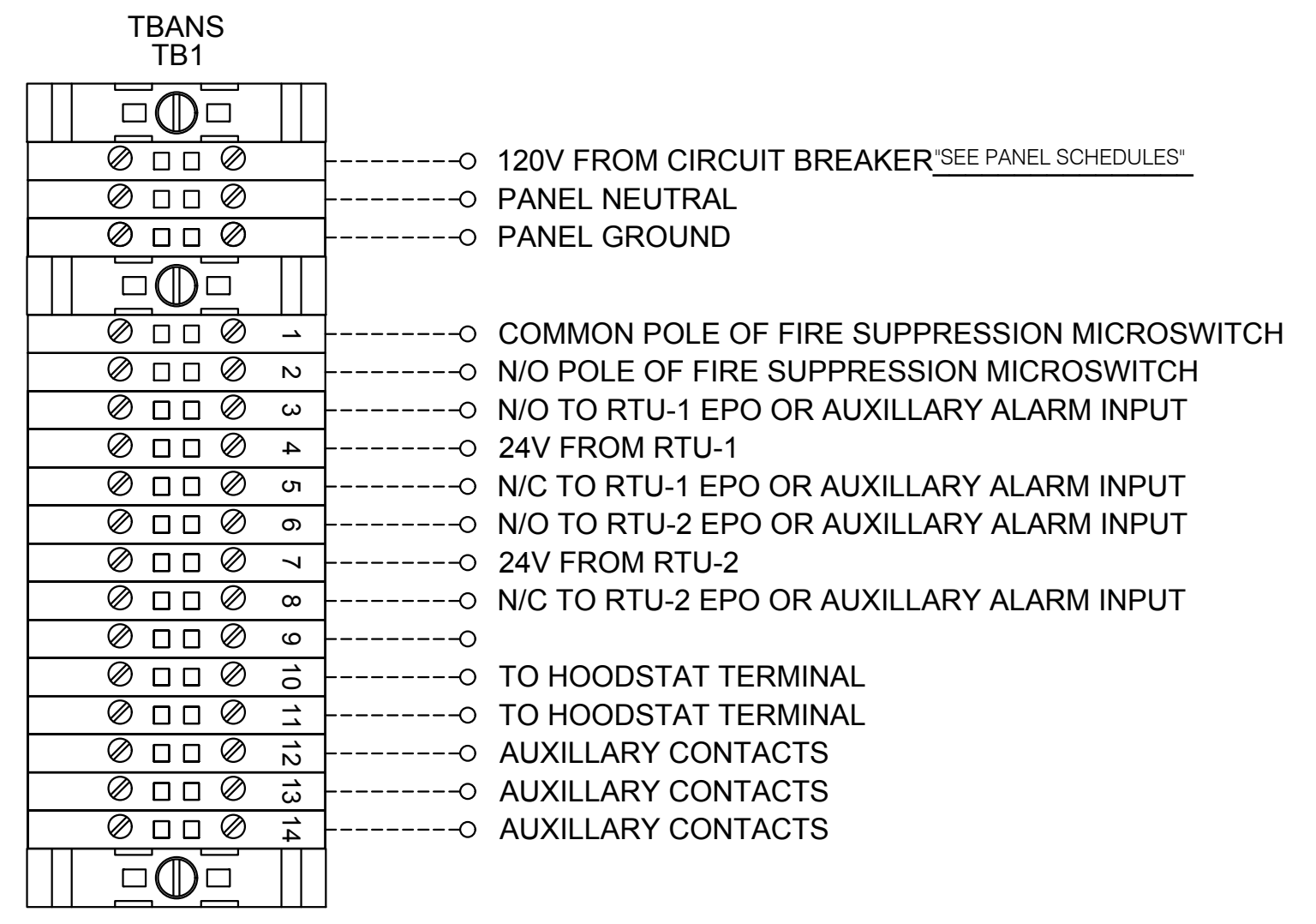


1 TBANS PANEL DIMENSIONS NTS

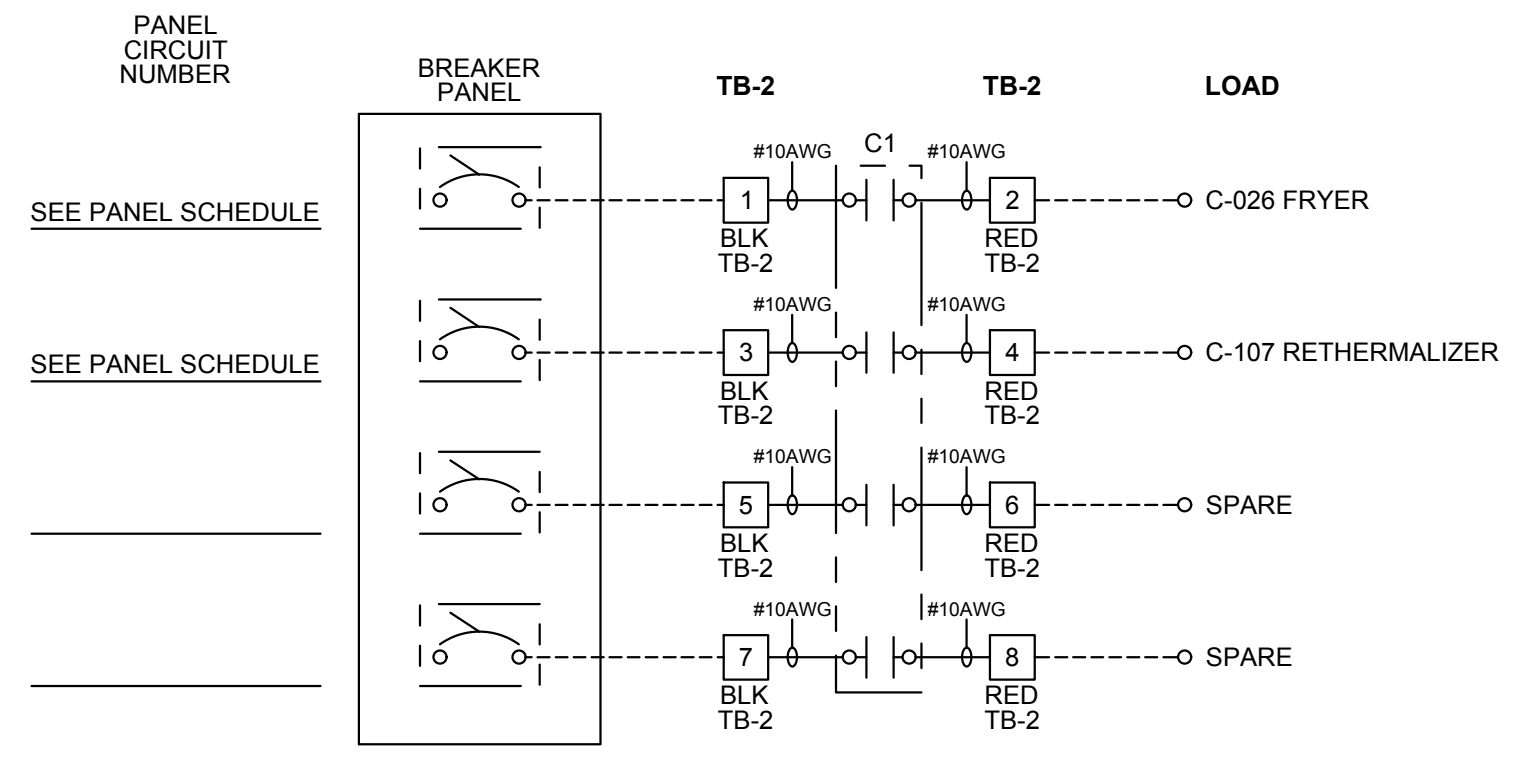
SEQUENCE OF OPERATION:
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

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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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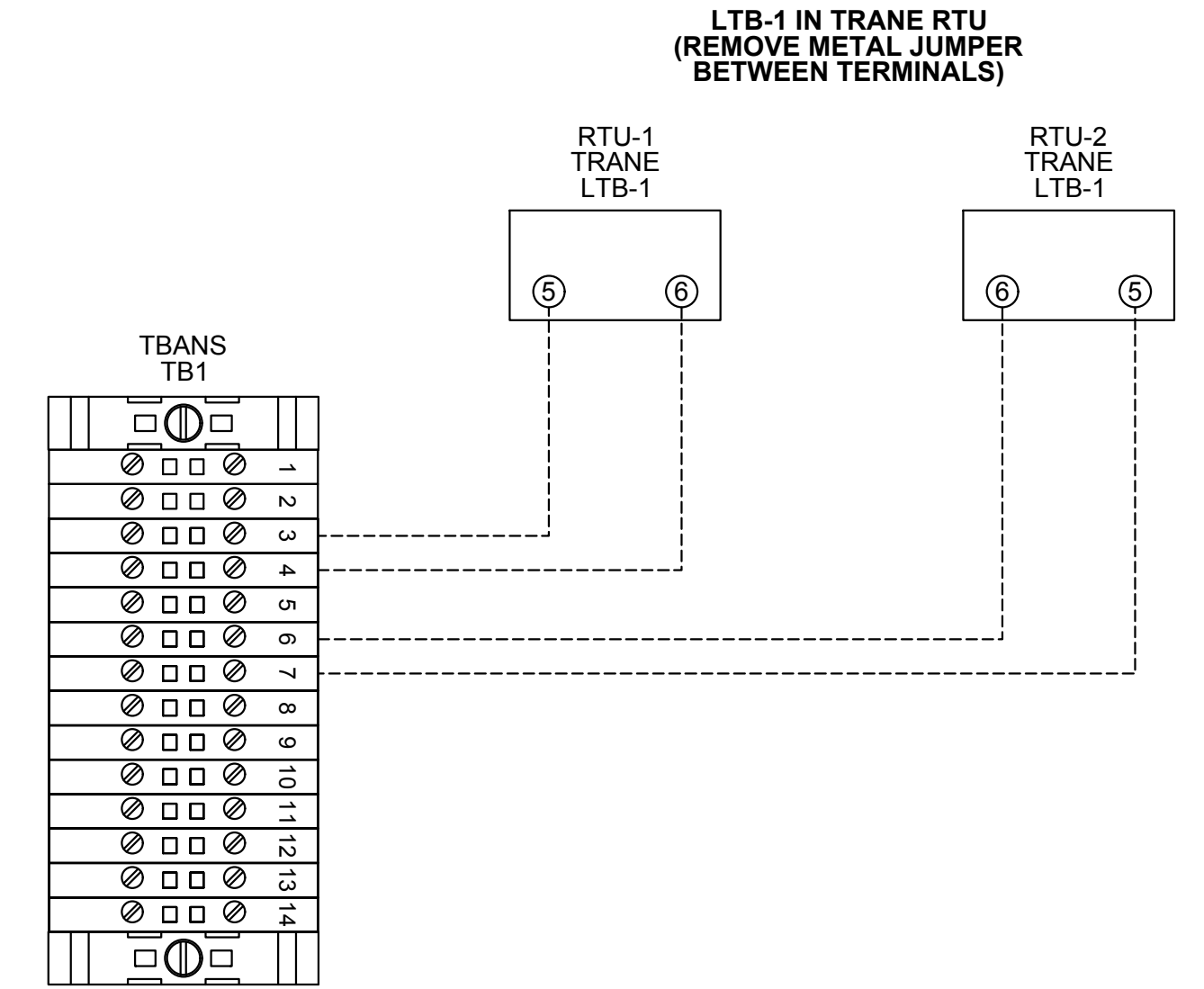
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0
CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



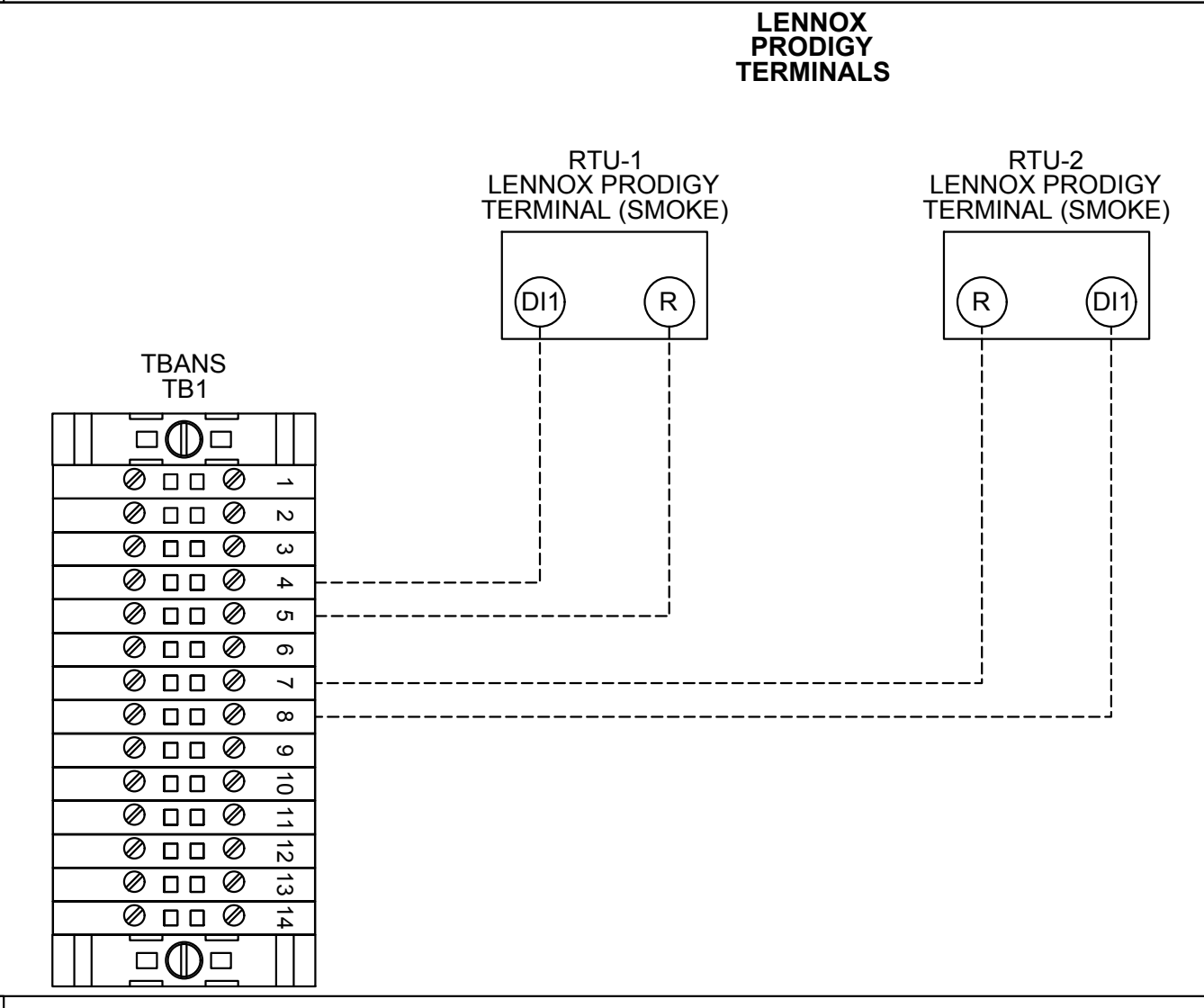
2 TBANS FIELD CONNECTIONS - VARIOUS NTS



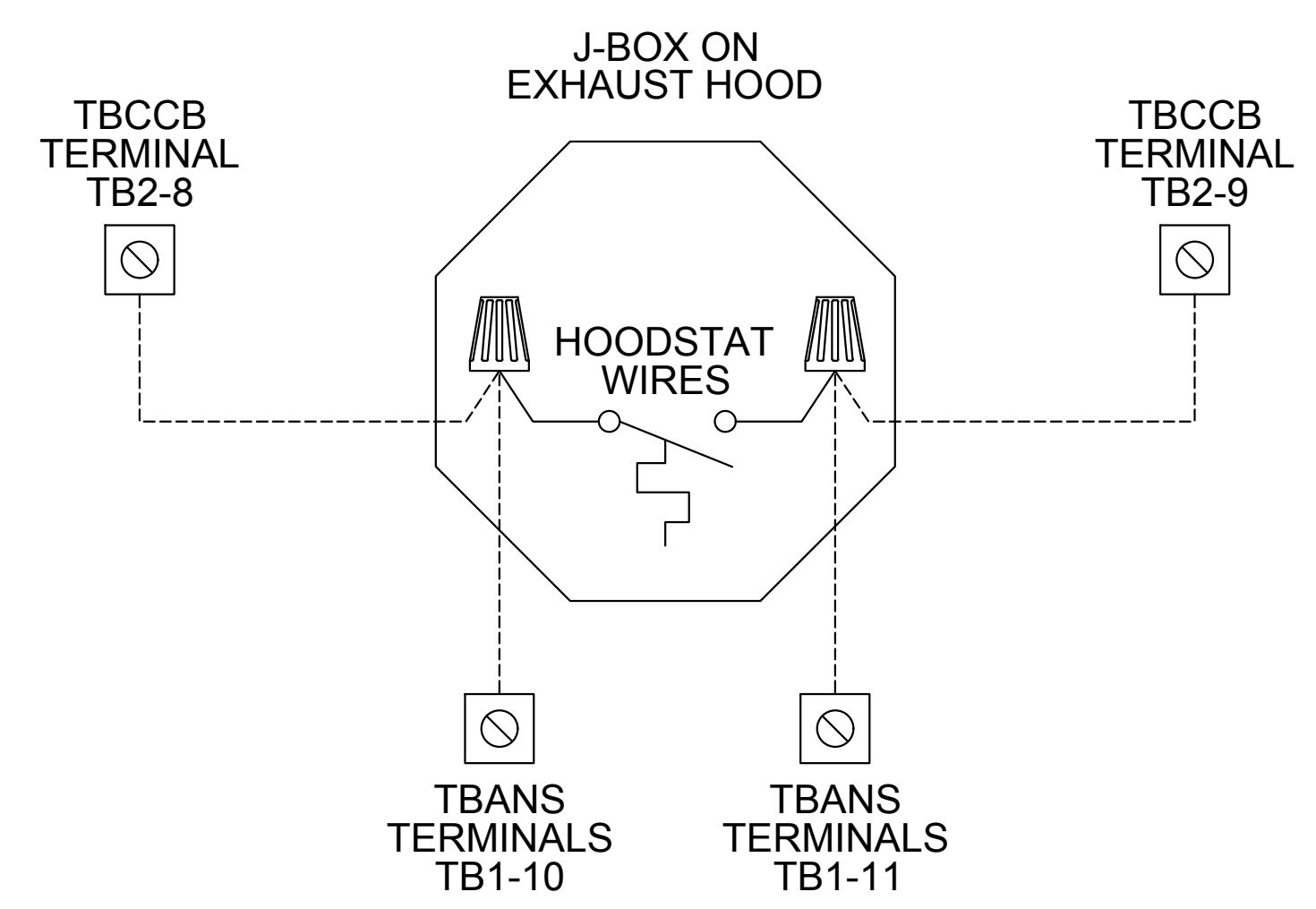
3 TBANS FIELD CONNECTIONS - APPLIANCES NTS



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: 11/18/2021

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TITLE	DESCRIPTION	SUPPLIER	MANUFACTURER'S MODEL	A&D ITEM #	ORDERED BY	SHIPPED BY	INSTALLED BY	SHOP DRAWINGS
6200	Roof Access Ladder & Hatch	Precision	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)	DIS	DIS	GC	
8341	Door - Security	LockNet	DU3670L52VED	-	RSCS	RSCS	GC	
10290-1	Air Curtain (D/T Window)	Marley	E2400-1115FG	B-151	DIS	DIS	GC	
10290-2	Air Curtain (Service Door)	Marley	E4200-1175	B-150	DIS	DIS	GC	
	Exterior Digital Menu Board & Optional Digital Preview Board	Everbrite Stratacache	-	-	CM (Company), CM or DIS (Franchise)	Manufacturer	GC - Foundation and Conduit Sign Vendor DMB Ins	X
	Interior Menuboard	VGS	-	-	DIS	Manufacturer	GC	
	Digital Menu Board	Stratacache	-	-	-	-	-	
10430	Signage (Bldg Signs, Road Signs, Directional Signs)	Cummings Signs Everbrite (Preferred Supplier) AGI	VARIES VARIES	VARIES VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
10536	Canopies	Cummings Signs Everbrite (Preferred Supplier) AGI	VARIES VARIES	VARIES VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
10810	Restroom Accessories	Accuserv	VARIES	F-452 (if indicated in plan set), B-241, B-265, B-275, B-290 (where occurs), B-291 (where occurs), B-300, B-305, B-405, B-410	DIS	DIS	GC	
11020-1	Safe	Brinks	Tidel Series 4 (dual single note validator, standard side vault)	F-174	CM	BRINKS	BRINKS	
11020-2	Security System	Tyco	-	-	CM	Manufacturer	GC	X
11030-1	Drive-thru Window	Quikserv	GKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
11030-3	Drive-thru Clearance Bar	Cummings Signs Everbrite (Preferred Supplier) AGI	- - -	- - -	CM	Manufacturer	GC	
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171	-	Manufacturer	Manufacturer	GC	
11100-3	P.O.S.	IBM NCR PAR	- - -	VARIES VARIES VARIES	TB / IT	Manufacturer	SSP	X
11100-4	Credit Card Payment System	Hughes Network Systems	-	-	TB / IT	Manufacturer	SSP	
11300-1	Order Confirmation Board (OCB)	Delphi Display Systems Hyperactive Texas Digital	P6YUC5STDJUSV1S; P6YOCSSDUSEN1S TDMHX2H01TCB;TDMHX1H26 AVNGE60	- L-090 L-095	DIS	DIS	GC (see Scope of Work notes)	
11300-2	Drive-thru Speaker & Microphone	HME 3M Food Services Trad Dept	C400005HS3TB; C11422TB 78691149153; G55HSSINGLE	U-011; S-204 -	DIS	Manufacturer	GC	
11300-4	DT Canopy	Cummings Signs Everbrite (Preferred Supplier) AGI	- - -	V-350	CM, Franchisee or DIS on behalf of Franchisee	Manufacturer	GC (see Scope of Work notes)	X
11400-1	Kitchen Equipment	N. Wasserstrom (Franchise only) RSCS (Preferred Supplier)	VARIES VARIES	VARIES VARIES	DIS	DIS	GC (see General Comments)	X
11400-5	GTO with EVO Production Line	Delfield Duke Carter Hoffman (EVO cabinets)	VARIES VARIES VARIES	VARIES VARIES VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	X
11405-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S. Norlake	VARIES VARIES	VARIES VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	X
11425	Exhaust Hoods	Stratavent (preferred supplier) Gaylord Industries (Boiler hood) Randell (alternate supplier)	VARIES VARIES VARIES	VARIES VARIES VARIES	DIS	DIS	GC	X
11430-2	Drink Dispensers / Line Sets	Pepsi	-	-	RSCS	Pepsi	Pepsi (Local installer)	
11435-6	Ice Machines	Manitowoc Ice Inc & Hoshisaki	Manitowoc SY-1474C	S-513	DIS	Manufacturer	Manufacturer (Local Installer)	
11680	Office Computer (Taco System)	En Pointe Global Services	VARIES	F-040, F-060	TB / IT	SSP	SSP	
12100-1	Artwork	GFX VGS Creative Palette	VARIES - -	- - -	DIS	DIS	GC	
12400-5	Décor	Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX	VARIES VARIES VARIES	- - -	DIS	DIS	GC	X
12430	Fruitista Machine	Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering	VARIES VARIES VARIES VARIES	VARIES VARIES VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	
12440	Iced Tea	Pepsi	E56150000	S-546	DIS	Supplier	GC / Supplier	
13200	CO2 - Bulk	MVE (bulk tank) NU CO2 (CO2 and service)	VARIES VARIES	S-580 S-580	DIS	DIS	Manufacturer (Local Installer)	
13700-4	CCTV	MARTCO	-	-	RSCS	MARTCO	MARTCO	X
13800-1	Energy/Building Management System	Air Care Experts Air Care Experts	TBCCB-Varies TBCCB-Varies	- -	DIS DIS	DIS DIS	GC GC	
13800-2	Hood Shutdown System	Air Care Experts	TBANS	-	Contractor	Air Care	GC	
13900-1	Fire Suppression System	Ansul	-	-	GC	GC	GC (Local Installer)	
15410	Hand Sinks	Aero	HS-Mod	N-053	DIS	DIS	GC	
15470-5	Water Filter	Shurflo	WB6-M3-22-003	-	DIS	Manufacturer	GC (see Vendor Scope - Pepsi Drink System)	
15480-3	Water Heater	AO Smith (standard) Bradford White (alternate)	AO Smith BTH-120 (standard) -	B-215 B-215	RSCS -	RSCS -	GC -	
	Water softener	-	-	-	RSCS	RSCS	GC	
15500-1	HVAC - Test and Balance	- Melink Corp/ Air Care Experts	- - -	- - -	Determined by CM or RCM; Approved options - GC CM/RCM	Determine by CM or RCM; Approved options - GC CM/RCM	Determined by GC / CM / RCM	X
15500-2	Commissioning	Air Care Experts	-	-	-	-	-	
15500-3	Visual Verification	Air Care Experts	-	-	GC	Air Care Experts	GC	
15700-1	HVAC	Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only)	VARIES VARIES VARIES	- - -	GC	Manufacturer	GC	X
16300-1	Switchgear - Franchisee	Accuserv Capital Lighting	Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES	DIS DIS	DIS DIS	GC GC	X
16300-2	Switchgear - Company	Capital Lighting Accuserv	Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES	GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with CM at time of bid)	GC GC	GC GC	X
16500	Light Fixtures - Interior and Building	Capital Lighting Accuserv (all lighting except BOH & restrooms)	VARIES VARIES	- -	DIS DIS	DIS DIS	GC GC	X
16520	Light Fixtures - Site	Capital Lighting Accuserv	VARIES VARIES	- -	DIS DIS	DIS DIS	GC GC	
16720	Telephone Communications	YUM! Telecom (Company stores) By owner through local phone service provider (franchise)	- -	- -	TB Franchisee	Manufacturer Manufacturer	Manufacturer (Local Installer) Manufacturer (Local Installer)	X
16820-3	Music System	Mood Media	-	F-131	TB	Manufacturer	Manufacturer (Local Installer)	X
	Coffee Brewer	Bunn	42300.0008	S-547	RSCS	RSCS	GC	
	Floor and Wall Tile	Creative Materials	-	-	GC	Manufacturer	GC	X



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 # 20023

DATE	REMARKS
2/25/2022	Issued for Bids

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

GREAT LAKES
TACO, L.L.C.
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
SCOPE OF WORK

SW1.0

PLOT DATE: 2/25/2022

Standard RTU		Multi-Speed RTU		Reference #		PROCESS						Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
						GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency			
				1									
	X	X		2									
	X	X		3									
	X	X		4									
	X	X		5									
	X	X		6									
	X	X		7									
	X	X		8									
	X	X		9									
	X	X		10									
	X	X		11									
	X	X		12									
	X	X		13									
	X	X		14									
	X	X		15									
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	X	X		20									
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	X	X		63									
	X	X		64									
				65									
				66									
	X	X		67									
	X	X		68									

Standard RTU		Multi-Speed RTU		Reference #		PROCESS						Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
						GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency			
				69									
	X	X		70									
	X	X		71									
	X	X		72									
	X	X		73									
	X	X		74									
	X	X		75									
	X	X		76									
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	X	X		134									
	X	X		135									
	X	X		136									
	X	X		137									
	X	X		138									



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PROJECT # 20023

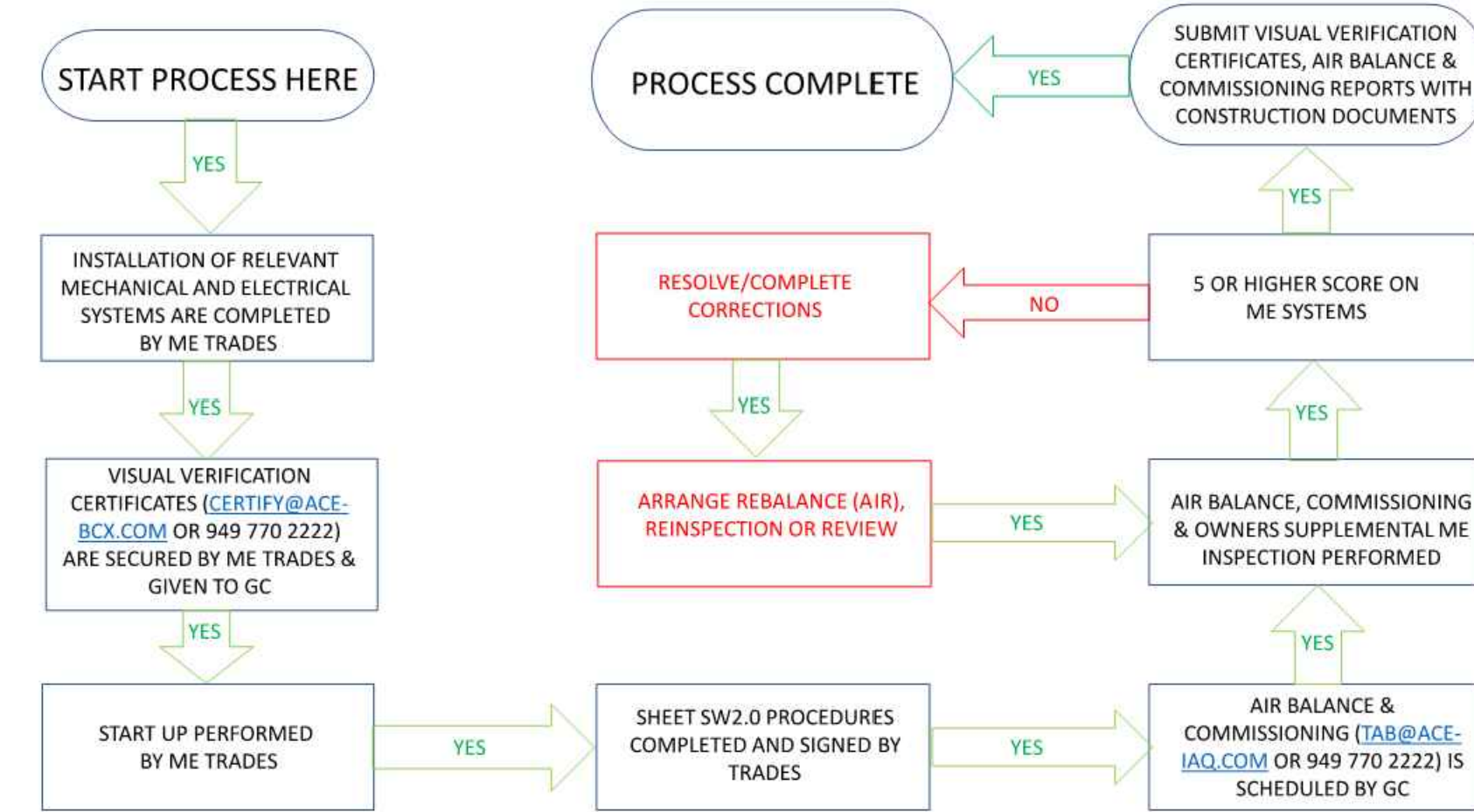
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MECHANICAL – ELECTRICAL (ME) BALANCING & COMMISSIONING SEQUENCE & PROCEDURE



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TACO, L.L.C.**
6305 Highland Road (M-59)
White Lake Twp., Michigan 48383



ENDEAVOR 2.0
**BALANCING
AND
COMMISSIONING
SEQUENCE**

SW2.1

PLOT DATE: 2/25/2022