

GREAT LAKES TACO, LLC

WALTON BOULEVARD PONTIAC, MI 48340



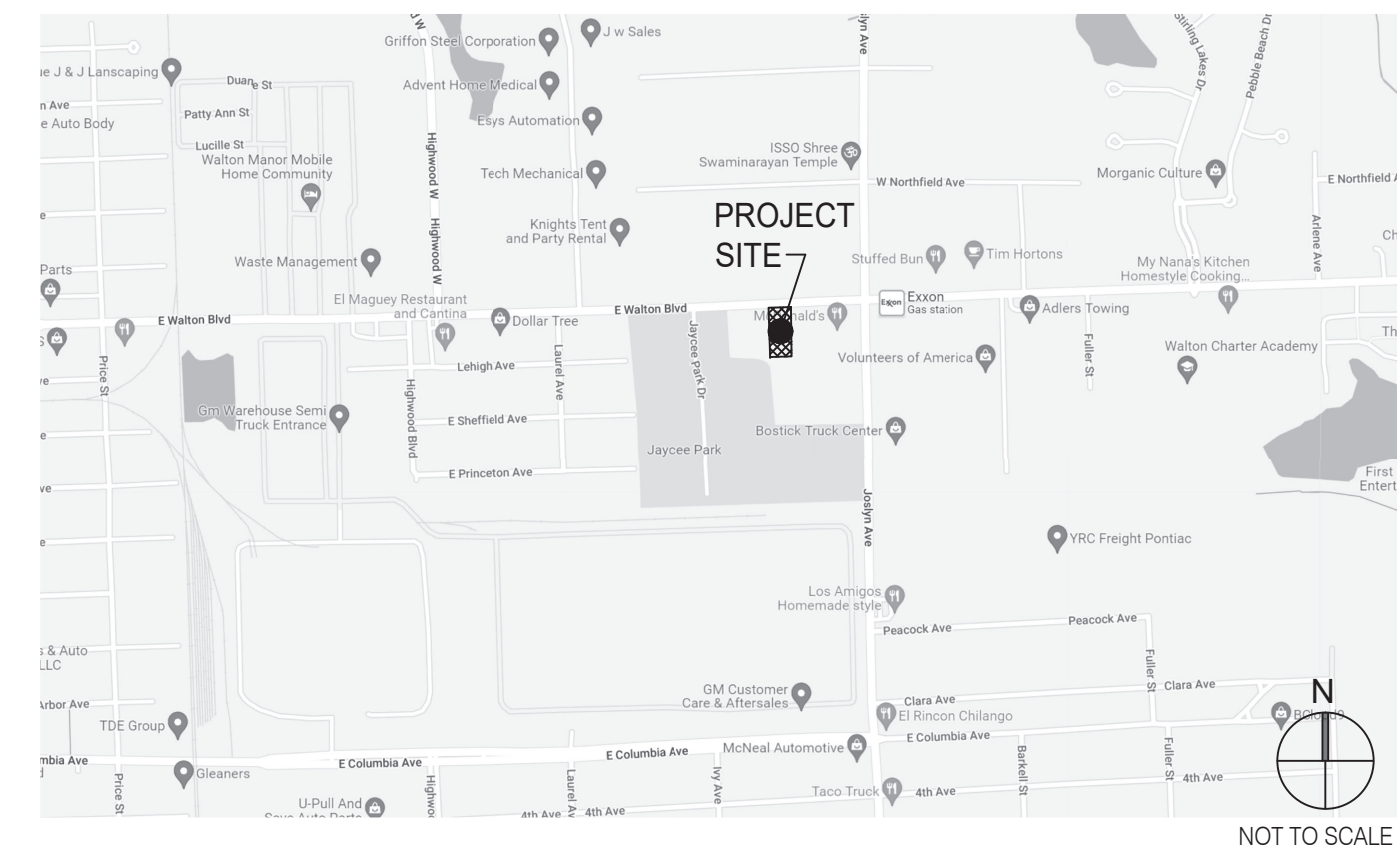
- A. ALL WORK SHALL CONFORM TO THE 2015 EDITION OF THE MICHIGAN BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF PONTIAC AND OAKLAND COUNTY.
- B. IT IS INTENDED THAT A COMPLETE OCCUPABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT 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.
- D. DRAWINGS ARE BASED ON A SURVEY, REVISE DATED APRIL 8, 2022, PREPARED BY KEM-TEC AND SHALL BE INCLUDED IN THE CIVIL ENGINEER'S PACKAGE OF DOCUMENTS.
- E. 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).
- F. 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.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE GREAT LAKES TACO, L.L.C. CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. 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.
- I. 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 PERMITS ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- J. 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.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- N. 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.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

PROJECT GENERAL NOTES

	OFFICE	ROOM NAME		ELEV. LETTER
	SHEET NUMBER		ELEV. SHEET	
	ELEVATION NUMBER		DOOR NUMBER	
	CEILING HEIGHT		WINDOW NUMBER / DECOR ITEM NUMBER	
	BLDG. SECTION LETTER		KEY NOTE NUMBER	
	BLDG. SECTION SHEET		EQUIPMENT NUMBER	
	DETAIL NUMBER		WALL NUMBER	
	DIRECTION OF DETAIL		INTERIOR ELEVATION DESIGNATION	
	DETAIL SHEET		SHEAR WALL TYPE (STRUCTURAL)	
	REVISION NUMBER		EQUIPMENT / FIXTURE NUMBER (M.E.P.)	
	BLDG. HEIGHT REFERENCE POINT		INDICATES SUSTAINABLE DESIGN	

REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

GENERAL DRAWING SYMBOLS



VICINITY MAP

LEGAL JURISDICTION:	CITY OF PONTIAC, 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:	2019 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:	2,204 S.F. GROSS		
SEATING:	20 INTERIOR, 0 EXTERIOR		
OCCUPANCY:	A2		
TYPE CONSTRUCTION:	TYPE VB - UNPROTECTED		
TYPE	AREA	FACTOR	OCCUPANTS
DINING ROOM	468 S.F.	1:15 S.F.	31
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	490 S.F.	1:300 S.F.	2
ACCESSORY RESTROOMS & PASSAGE	209 S.F.	0	0
TOTAL			49

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

PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT A POINT ON THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE), DISTANT SOUTH 02 DEGREES 02 MINUTES 45 SECONDS EAST 99.35 FEET ALONG THE NORTH AND SOUTH 1/4 LINE OF SAID SECTION 16 AND SOUTH 87 DEGREES 31 MINUTES 16 SECONDS WEST ALONG THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE) 534.43 FEET FROM THE NORTH 1/4 CORNER OF SAID SECTION 16, THENCE SOUTH 02 DEGREES 28 MINUTES 24 SECONDS EAST 229.92 FEET, THENCE SOUTH 87 DEGREES 05 MINUTES 01 SECONDS WEST 141.00 FEET, THENCE NORTH 02 DEGREES 28 MINUTES 24 SECONDS WEST 231.00 FEET, THENCE NORTH 87 DEGREES 31 MINUTES 16 SECONDS EAST 141.00 FEET TO POINT OF BEGINNING.

PARCEL 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	STRUCTURAL 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 EAST POINTE, MI 48021 CONTACT: GREG EZZO PHONE: 810.712.8849	M/E/P ENGINEER EAM ENGINEERS 180 HIGH OAK ROAD BLOOMFIELD, MI 48304 CONTACT: GENE SIMO PHONE: 248.528.2670
LANDSCAPE ARCHITECT C/O DORTCH ENTERPRISES, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	

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:

UTILITY CONTACTS

SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS		ISSUE
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	
TITLE/SITE SHEET COUNT: 6		
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	
STRUCTURAL SHEET COUNT: 9		
ARCHITECTURAL SITE		
A0.5	SITE PLAN AND DIMENSION SITE PLAN	
A0.6	PHOTOMETRIC SITE PLAN	
C1.0	SITE DETAILS	
ARCH. SITE SHEET COUNT: 3		
LANDSCAPE		
L1.0	SITE LANDSCAPE PLAN AND DETAILS	
LANDSCAPE SHEET COUNT: 1		
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	
A6.6	HARDIE BOARD 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	
ARCHITECTURAL SHEET COUNT: 26		
ACCESSIBILITY		
ADA1.0	ACCESSIBILITY REQUIREMENTS	
ADA1.1	ACCESSIBILITY REQUIREMENTS	
ADA1.2	ACCESSIBILITY REQUIREMENTS	
ADA1.3	ACCESSIBILITY REQUIREMENTS	
ACCESSIBILITY SHEET COUNT: 4		
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	
MECHANICAL SHEET COUNT: 6		
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	
PLUMBING SHEET COUNT: 6		
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	
ELECTRICAL SHEET COUNT: 12		
SCOPE OF WORK		
SW1.0	SCOPE OF WORK	
SW2.0	INSTALLATION START-UP PRE-COMM CHECK LIST	
SW2.1	BALANCING AND COMMISSIONING SEQUENCE	
SCOPE SHEET COUNT: 3		
SPECIFICATIONS		
IN BOOK FORMAT		

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 # 21017

DATE	REMARKS

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315286
STORE NUMBER:
PA/PM:
DRAWN BY.:
JOB NO.:

GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0
TITLE SHEET

T1.0

PLOT DATE: 8/15/2022

CHECK LIST NUMBER EXPLANATION:

THE CHECKLIST NUMBERS BELOW ALIGN WITH THE CREDIT NUMBERS IN THE YUM BLUELINE SYSTEM WEBSITE. FOR FURTHER DETAIL GO TO THE FOLLOWING WEB ADDRESS. NOTE: FOLLOW THE 'REQUIRED' AND 'OPTIONAL' DESIGNATION ON THIS SHEET RATHER THAN THE ONES ON THE YUMBLUELINE WEBSITE. THE SYSTEM HAS BEEN SETUP SO THAT IF YOU DO THE 'REQUIRED' ITEMS ON THIS LIST YOUR RESTAURANT WILL MEET THE YUMBLUELINE REQUIREMENTS.

- 1. GO TO THE REFERENCE VERSION OF THE YUM BLUELINE WEBSITE. ' WWW.YUMBLUELINE.COM '
2. IN THE 'USER' SECTION CHOOSE ' GENERAL ' FROM THE PULL DOWN MENU
3. IN THE 'PASSWORD' SECTION TYPE IN ' J212JKLAI '

P = INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS
* = INDICATES OPTIONAL ITEMS

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* = INDICATES OPTIONAL ITEMS

Table with columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include: FORMALDEHYDE LIMITS, VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT), COATING CATEGORY, SPECIALTY COATINGS, and LEED TEAM MEMBER.

Table with columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include: 37.1 RECYCLING, 37.2 COOKING OIL RECYCLING, 37.3 CARDBOARD RECYCLING, 38. AIR VENTILATION, 39.1 NO SMOKING, 41.1 PROTECTION OF MATERIALS, 42. LOW EMITTING MATERIALS, 43.1 CONTROLLED BUILDING MATERIAL, 45.1 THERMAL COMFORT, 46.1 THERMAL VERIFICATION, 48.1 LEED TEAM MEMBER, 49.1 COMMISSIONING.

Table with columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include: 1.3 CONTAMINATED SITES, 1.4 LOCATION COMMITMENT, 1.5 PAY UTILITIES DIRECTLY, 2.2 PROXIMITY TO BUS STOP, 3.0 BICYCLE FACILITIES, 5.1 PARKING, 7.2 WHITE ROOF, 9.0 CONSTRUCTION POLLUTION CONTROL, 10.2 BUILDING WATER, 11.2 PROCESS WATER, 12.1 LANDSCAPE DESIGN, 13.1 IRRIGATION WATER, 15.3 INTERIOR LIGHTING, 16.2 EXTERIOR LIGHTING, 17.2 SIGN ILLUMINATION, 18.1 EXHAUST HOODS, 19.1 LICENSED HVAC ENGINEER, 19.2 OPTIMIZE HVAC DESIGN, 20.0 HVAC EFFICIENCY, 21.0 ECONOMIZER PERFORMANCE, 22.1 HOT WATER EFFICIENCY, 23.1 REFRIGERANTS, 24.1 REFRIGERATION, 25.1 COOKING & WASHING EQUIPMENT, 28.1 BASIC LIGHTING & THERMAL CONTROLS, 28.3 OCCUPANCY SENSORS, 33.1 RECYCLED CONTENT, 36.1 CONSTRUCTION WASTE MANAGEMENT.



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 # 21017

Table with columns: DATE, REMARKS. Multiple empty rows for notes.

CONTRACT DATE:
BUILDING TYPE: END, MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315286
STORE NUMBER:
PA/PM:
DRAWN BY:
JOB NO.:

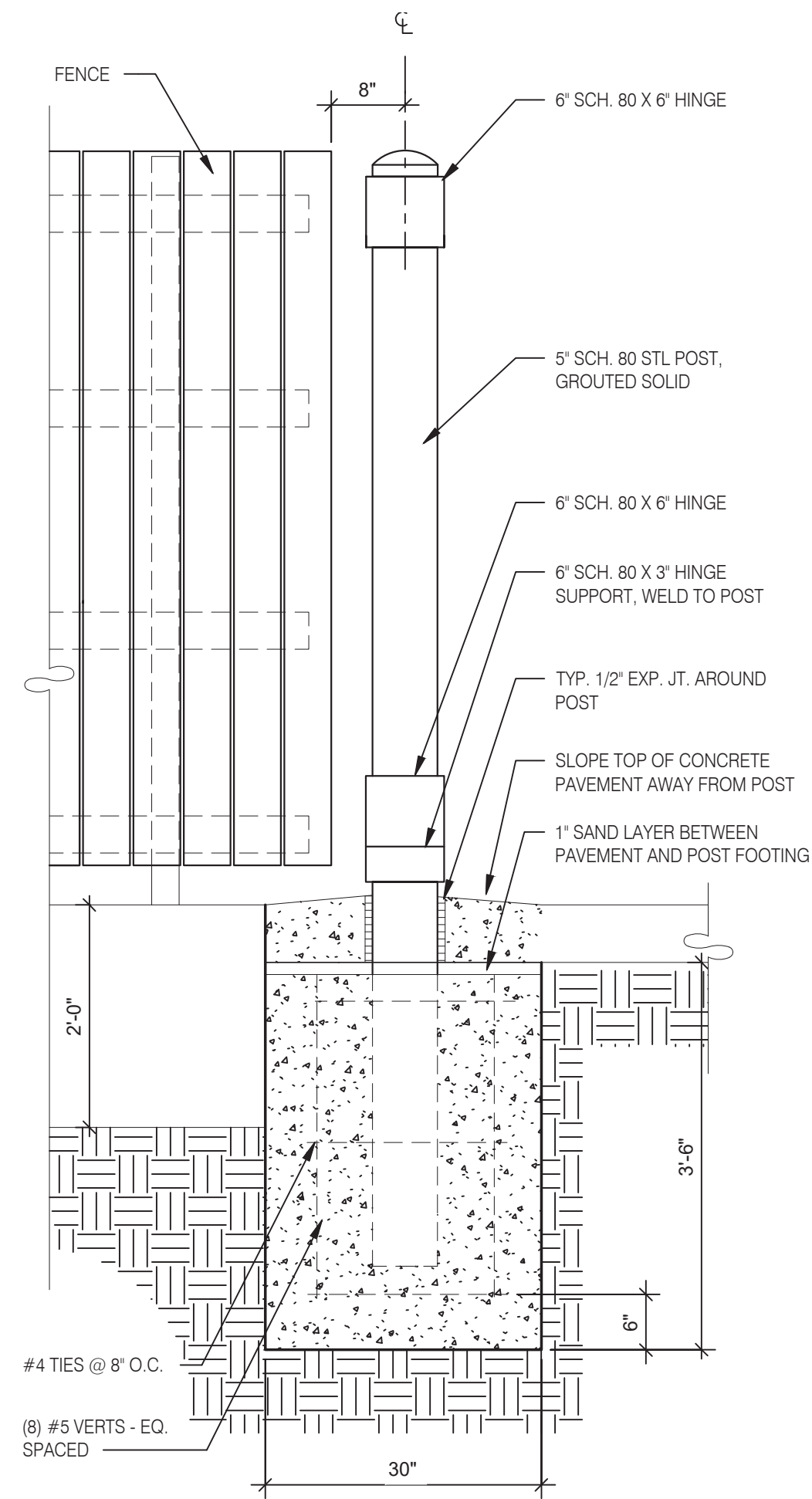
GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 GREEN CHECKLIST SHEET

G1.0

PLOT DATE: 8/15/2022



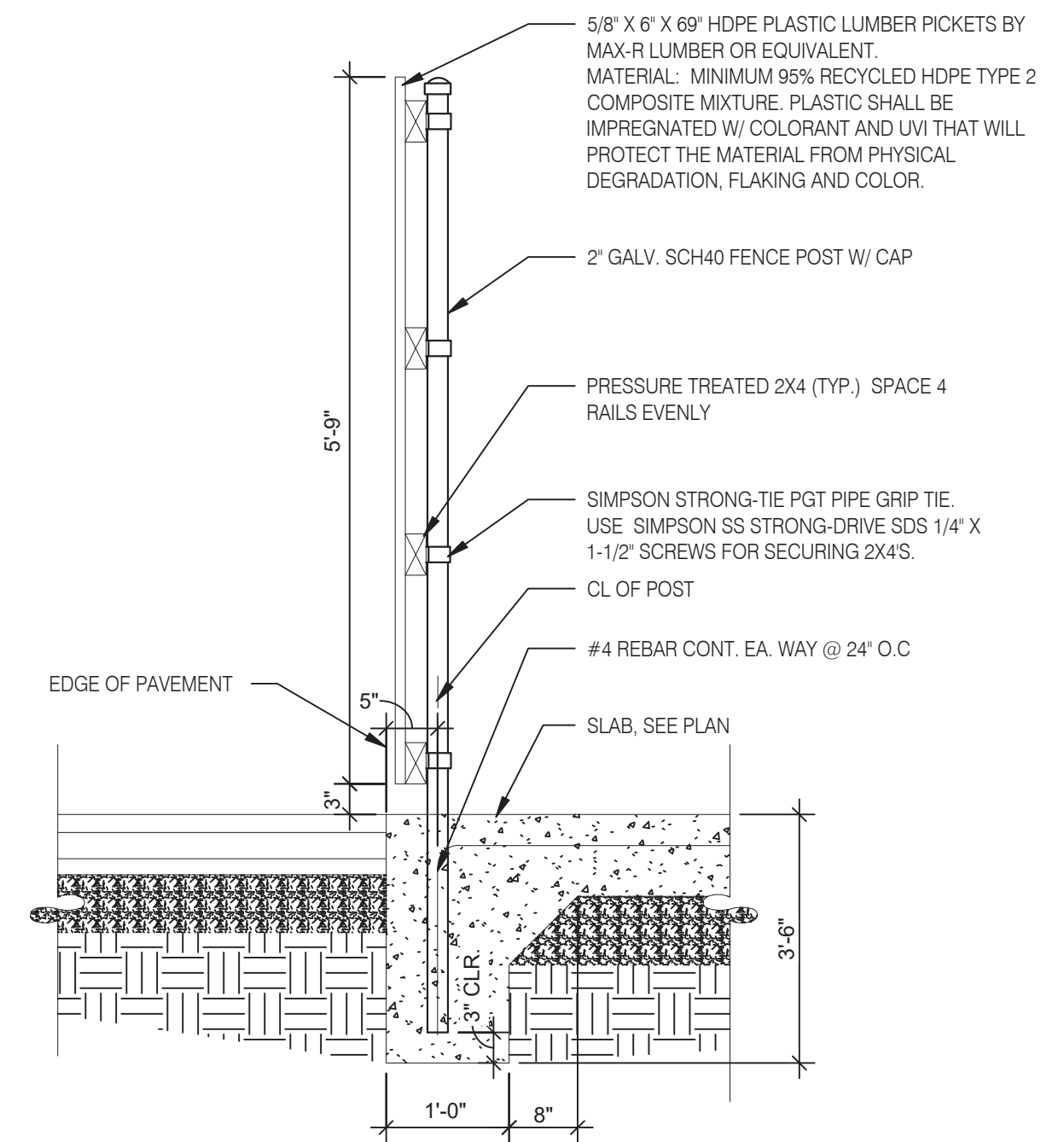
GATE POST FOOTING 3/4" = 1'-0" **H**

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 1/2" BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT ALL STEEL COMPONENTS.

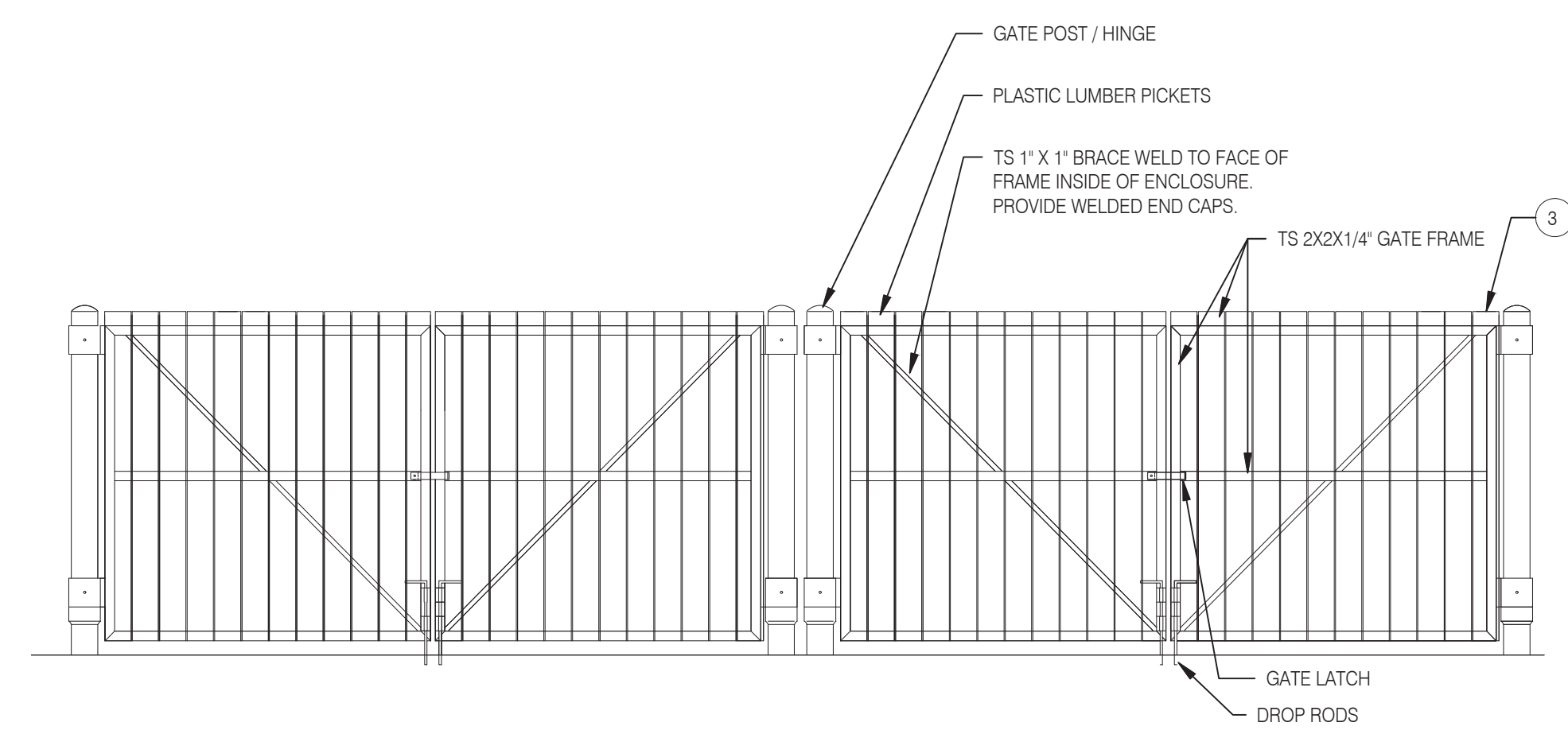
ENCLOSURE NOTES N.T.S. **G**



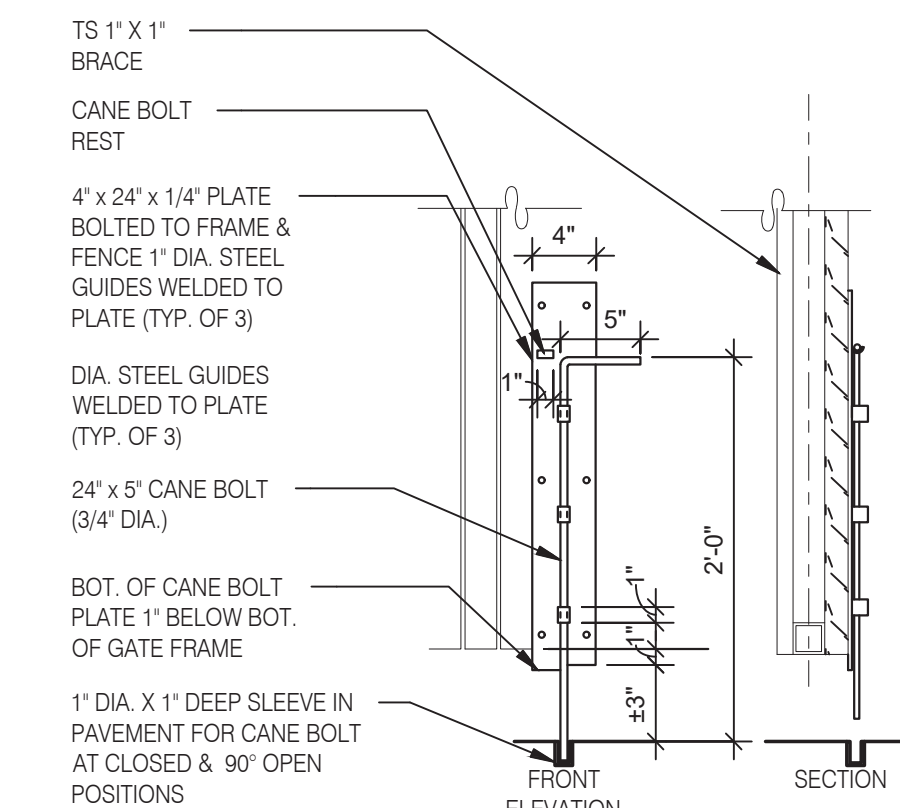
FENCE SECTION 3/4" = 1'-0" **F**

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

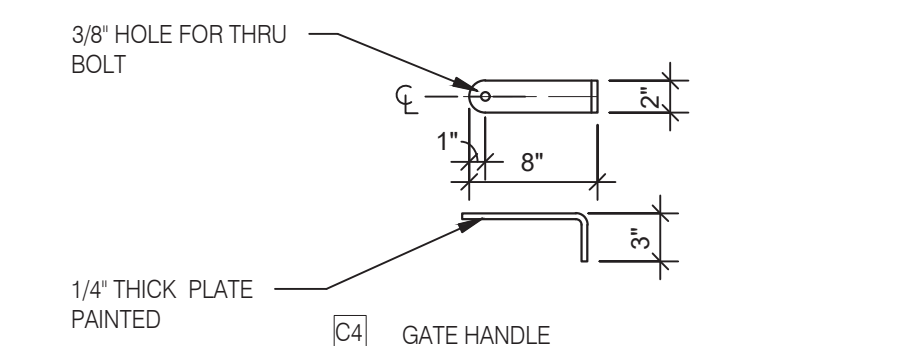
SCHEDULE N.T.S. **E**



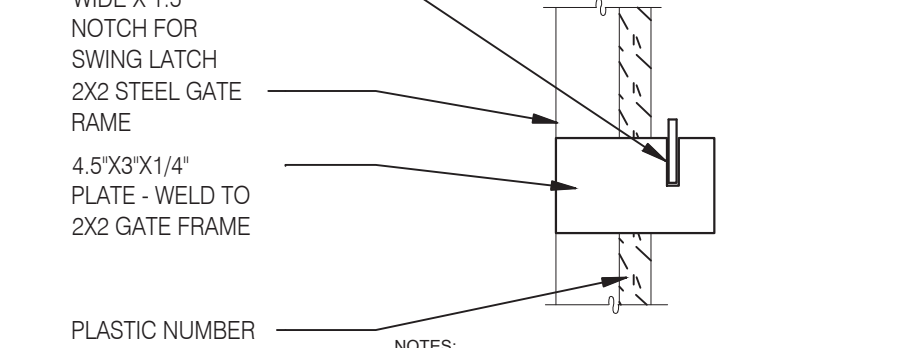
FRONT ELEVATION N.T.S. **D**



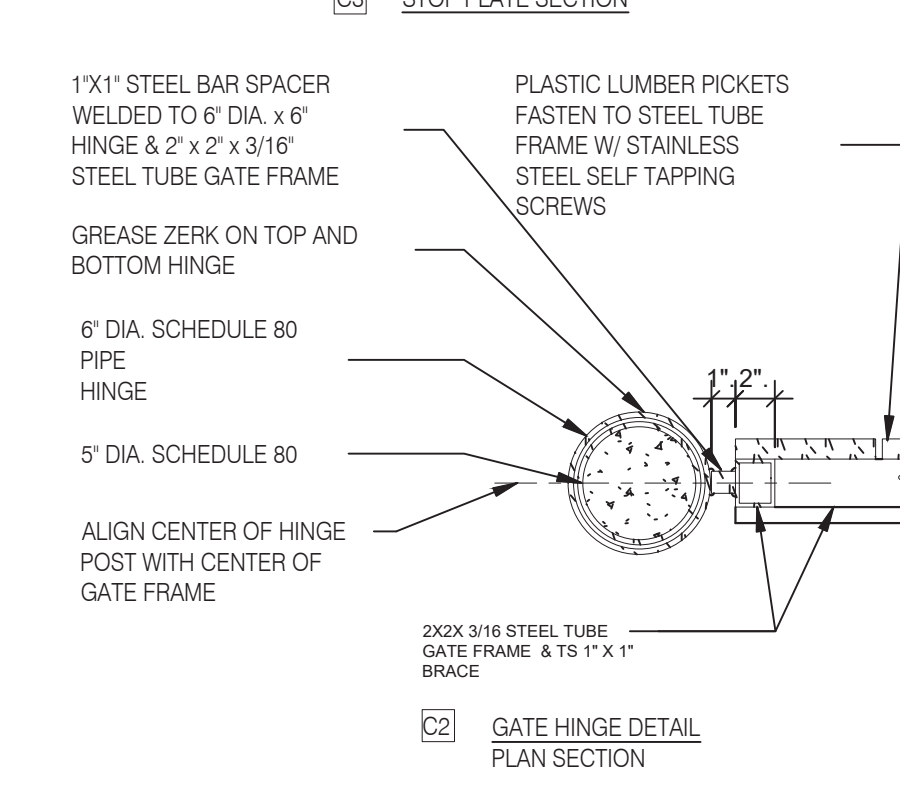
GATE HANDLE N.T.S. **C4**



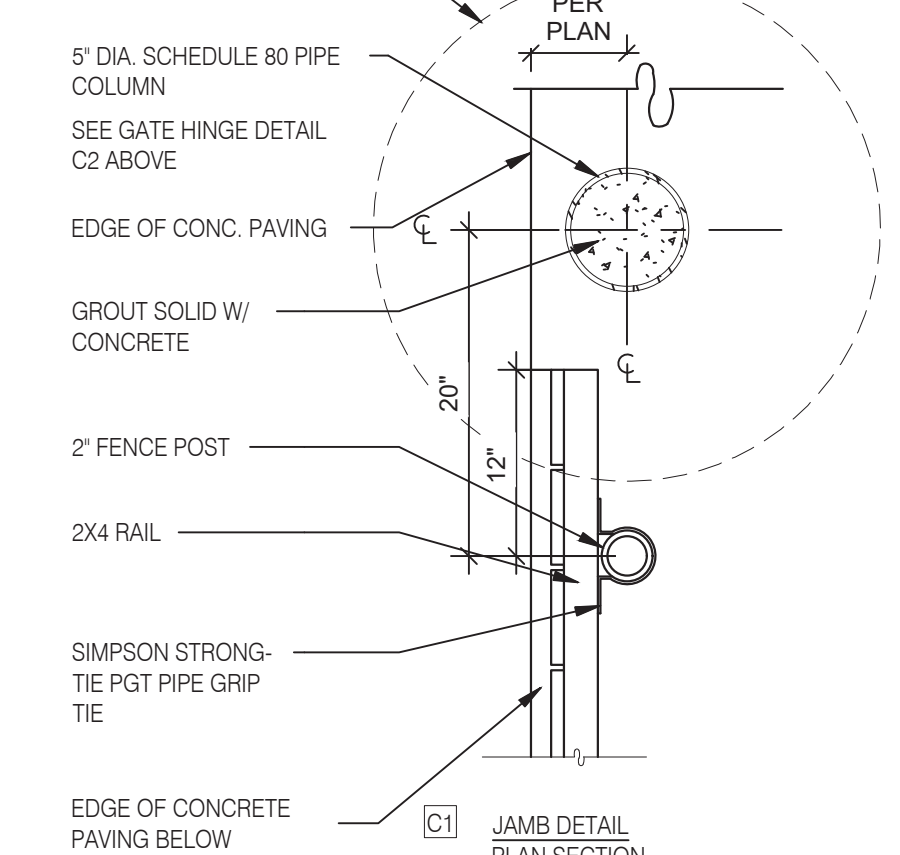
STOP PLATE SECTION N.T.S. **C3**



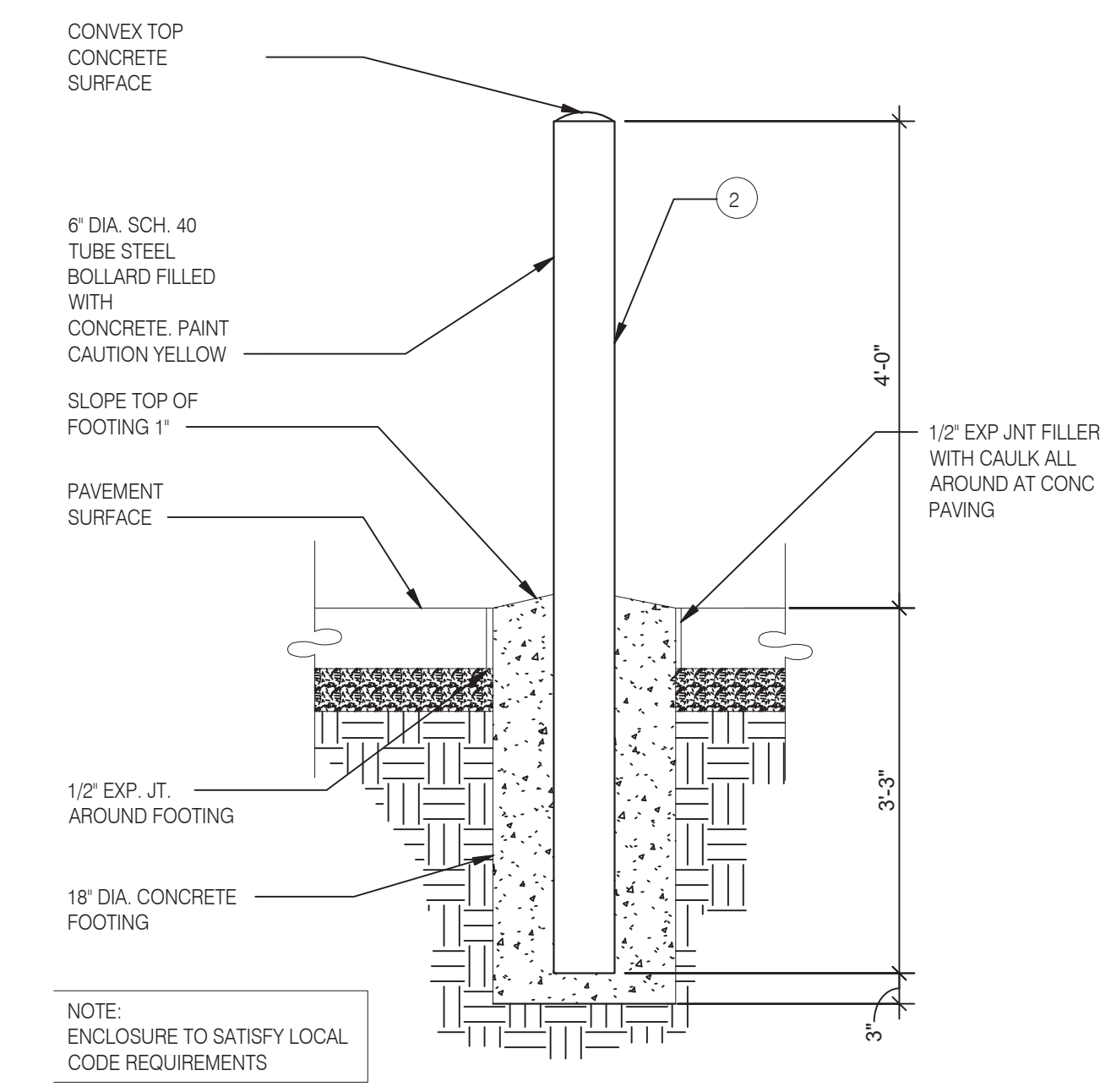
GATE HINGE DETAIL PLAN SECTION N.T.S. **C2**



JAMB DETAIL PLAN SECTION N.T.S. **C1**

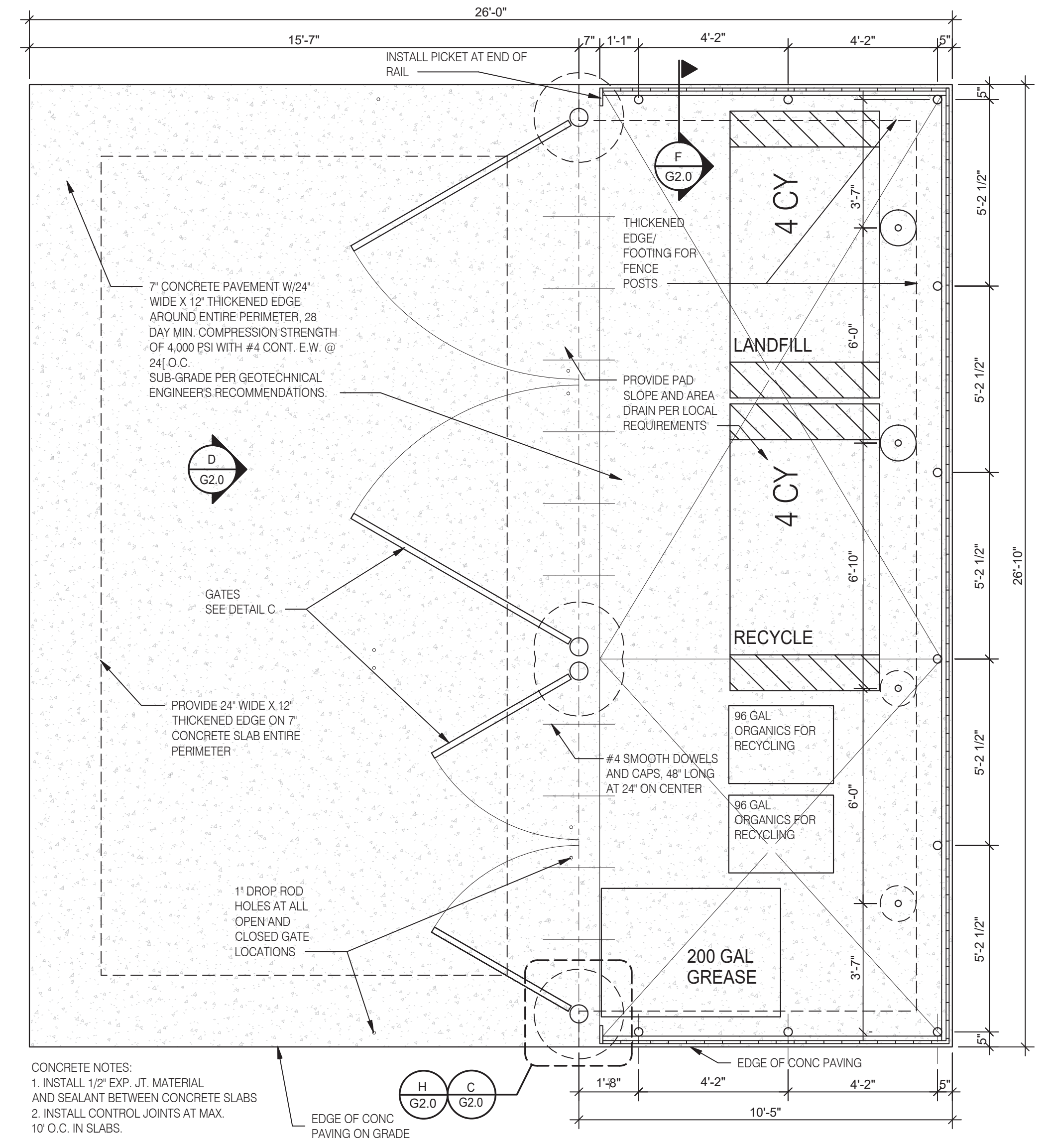


GATE DETAILS N.T.S. **C**



GUARDPOST BOLLARD DETAIL 1

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



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



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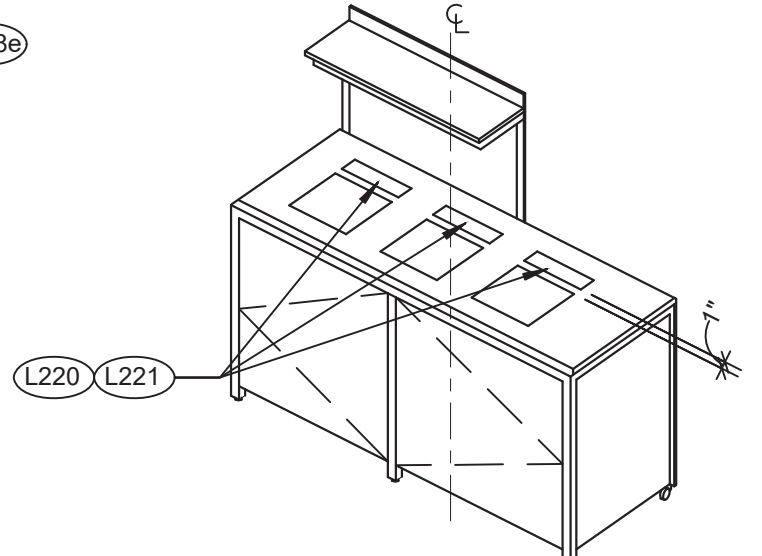
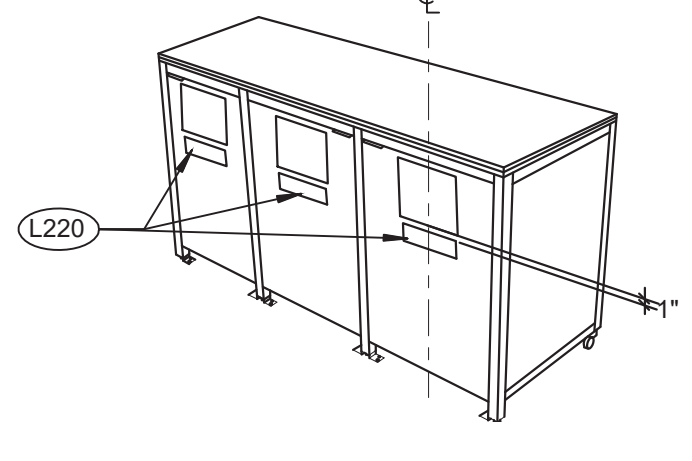
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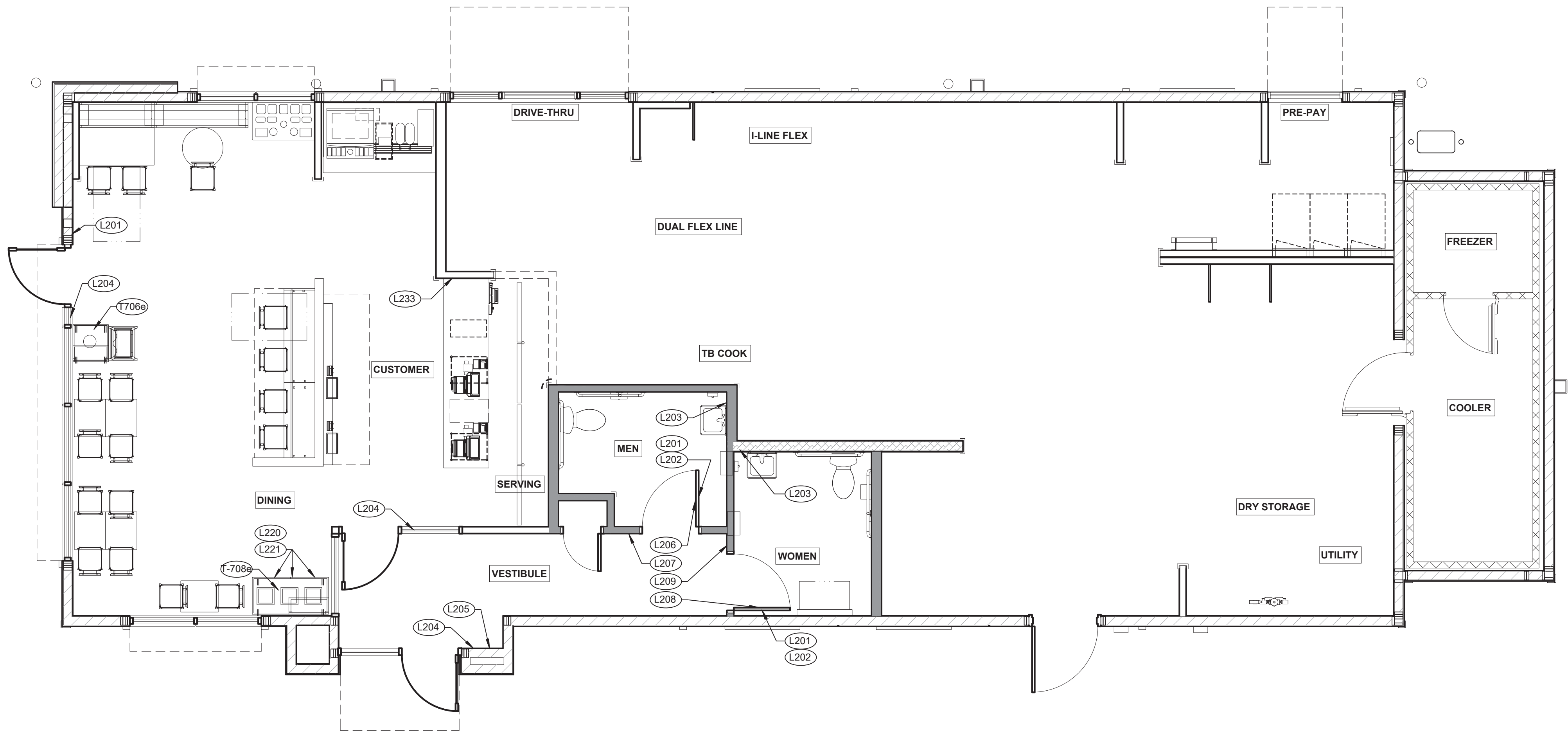


ENDEAVOR 2.0 TRASH ENCLOSURE DETAILS

G2.0

PLOT DATE: 8/15/2022

	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 # 21017

DATE	REMARKS

CONTRACT DATE:
 BUILDING TYPE: END. MED 40
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER:
 SITE NUMBER: 315286
 STORE NUMBER:
 PA/PM:
 DRAWN BY:.
 JOB NO.:

GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0
SIGNAGE PLAN

G4.0

PLOT DATE: 8/15/2022



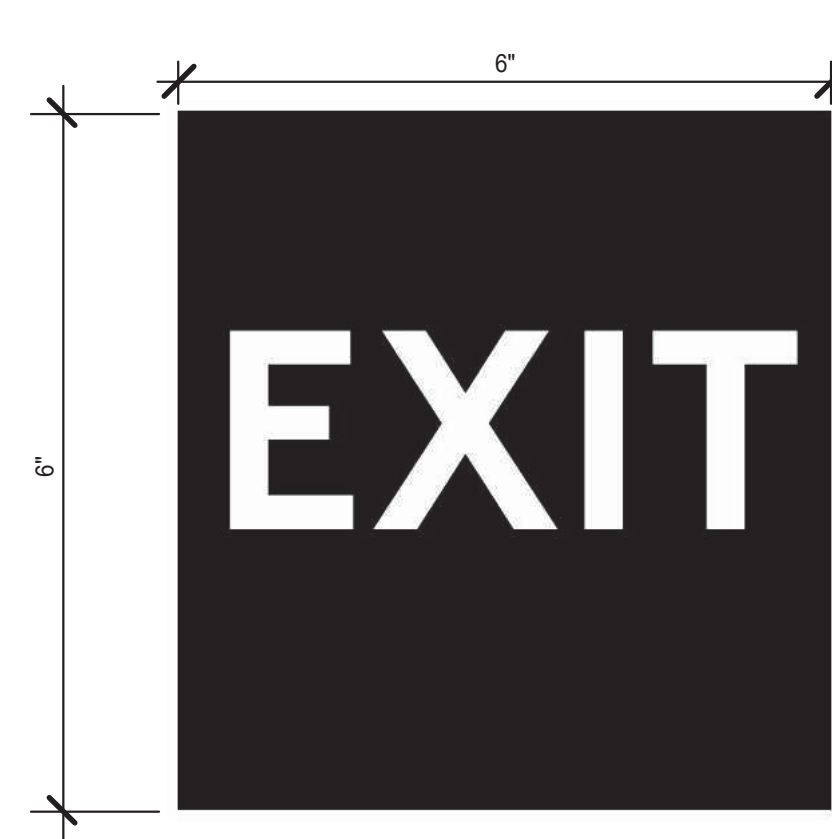
3 STREAM TRASH 1 - BIN LABELS (L220) 13



3 STREAM TRASH 2 - LABELS (L221) 14



WOMEN RESTROOM WHITE SIGN (L208) 9



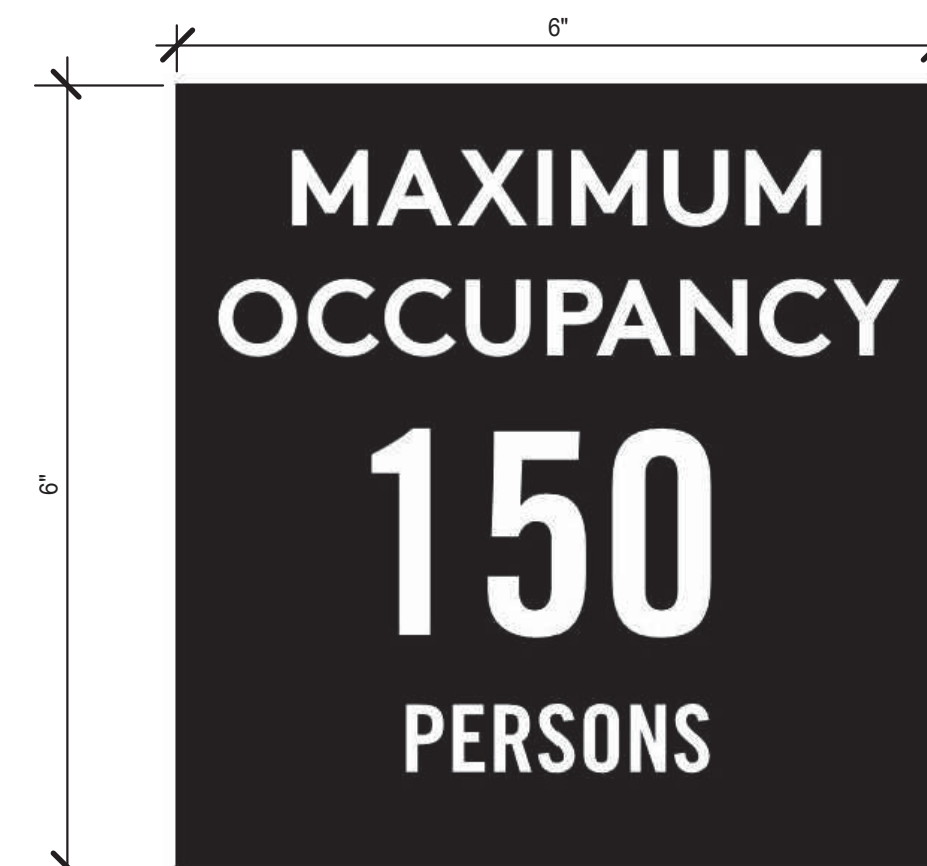
EXIT BRAILLE SIGN (L204) 5



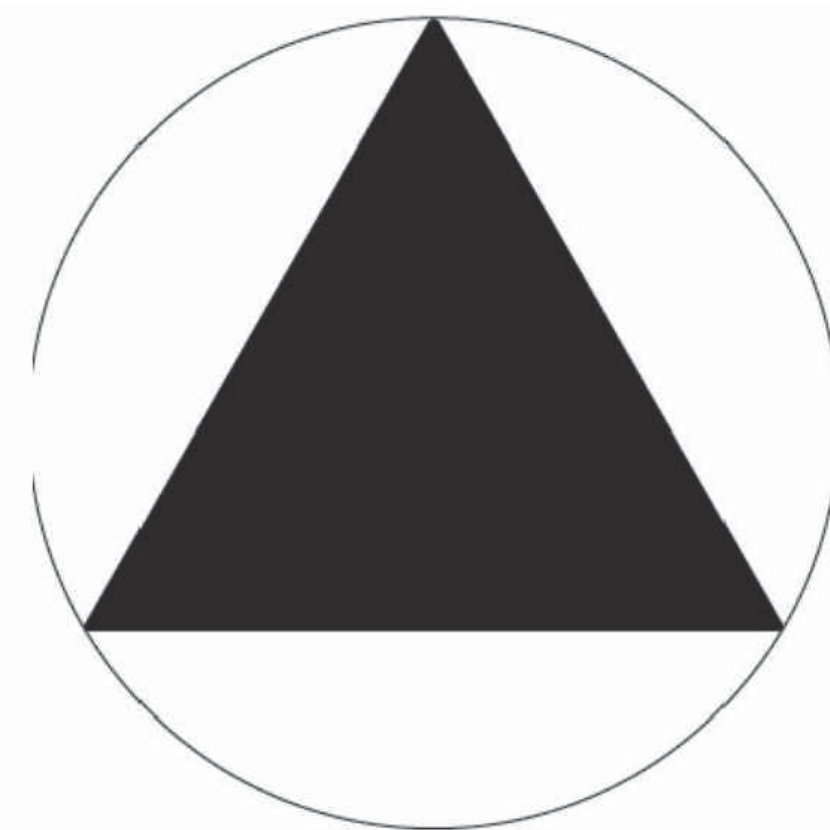
NO SMOKING SIGN (L201) 1



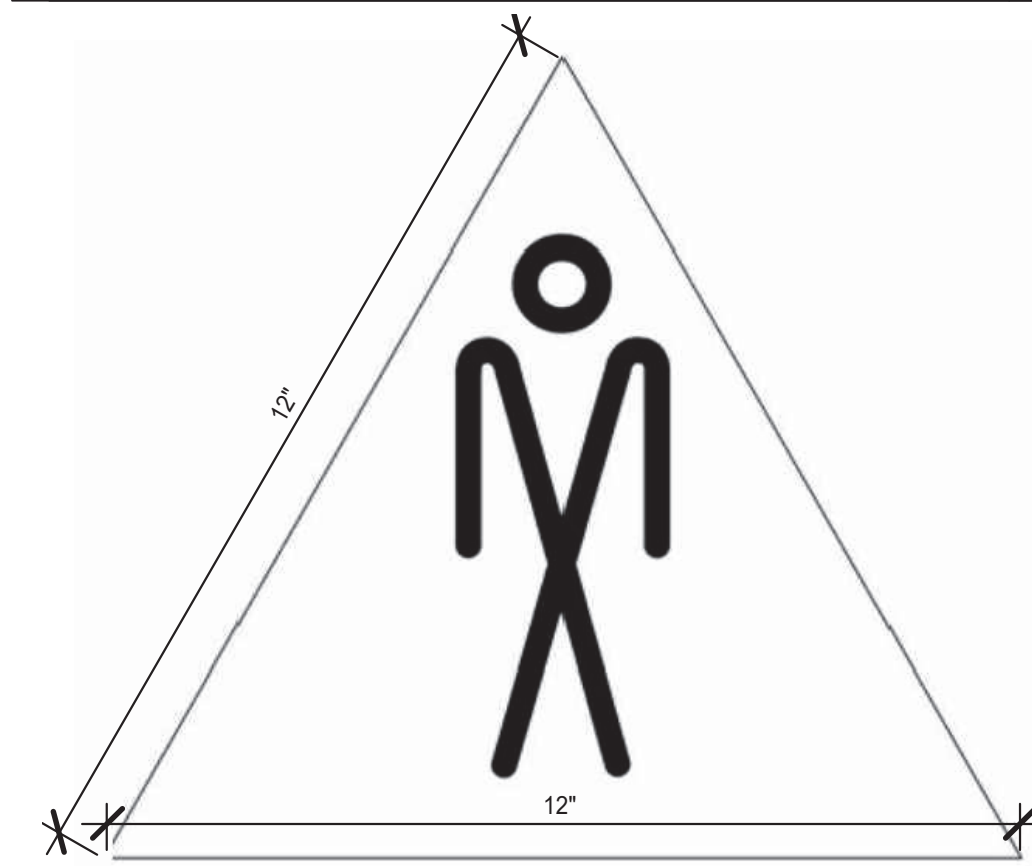
WOMEN RESTROOM BRAILLE SIGN (L209) 10



OCCUPANCY SIGN (L205) 6



GENDER NEUTRAL RESTROOM SIGNAGE (L228) 11



MEN RESTROOM WHITE SIGN (L206) 7



CLEAN RESTROOM SIGN (L202) 3



IF YOU NEED ASSISTANCE (L233) 12



MEN RESTROOM BRAILLE SIGN (L207) 8



HAND WASH NOTICE SIGN (L203) 4



L + A ARCHITECTS INC. A.I.A. 441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 PHONE: (248) 524-4700 FAX: (248) 524-9746 PROJECT # 21017

Table with 2 columns: DATE, REMARKS

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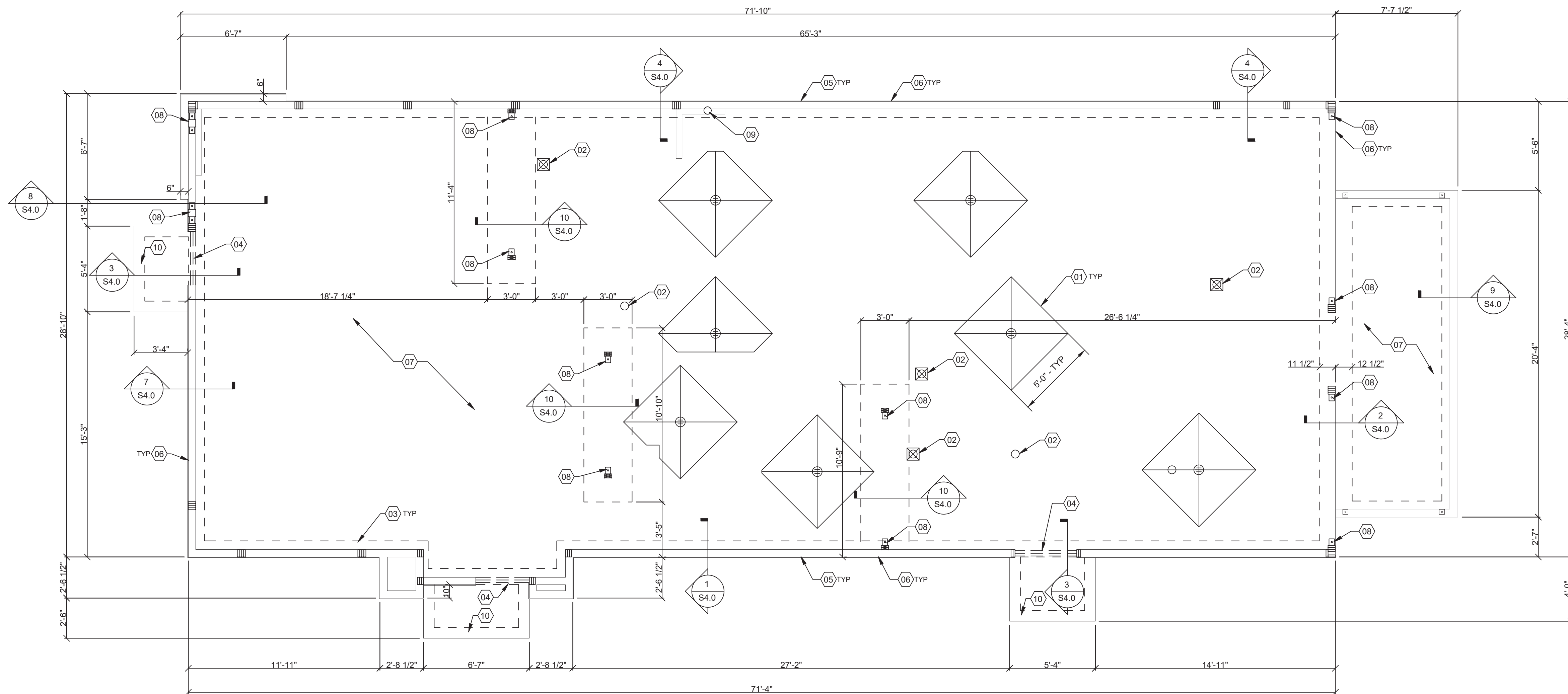
GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 SIGNAGE DETAILS

G4.1

PLOT DATE: 8/15/2022



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

DESIGN CRITERIA:

DESIGN CRITERIA:		SEISMIC LOADS:	
2015 MICHIGAN BUILDING CODE AND REFERENCES NOTED WITHIN		RISK CATEGORY: II	
ROOF SNOW LOADS:		MAPPED SPECTRAL RESPONSE ACCEL:	
GROUND SNOW LOAD (Pg):	30 PSF	S _s :	0.070g
EXPOSURE FACTOR (C _e):	0.9	S ₁ :	0.041g
IMPORTANCE FACTOR (I):	1.0	SPECTRAL RESPONSE COEFF.:	
THERMAL FACTOR (C _t):	1.0	SHORT PERIODS (S _{DS}):	0.070g
		1 SEC. PERIODS (S _{D1}):	0.041g
		SEISMIC DESIGN CATEGORY: B	
ROOF LOADS:		WOOD SHEARWALLS	
LIVE LOAD:	20 PSF	RESPONSE MOD FACTOR (R):	6.5
DEAD LOAD:	20 PSF	DESIGN BASE SHEAR (C _s):	0.05W
WIND LOADS:		ANALYSIS BY SIMPLIFIED PROCEDURE	
3 SECOND GUST:	115 MPH		
RISK CATEGORY:	II		
EXPOSURE CATEGORY (MMFRS):	C		
INTERNAL PRESSURE COEFF.:	± 1.8		

DESIGN CRITERIA

D

FOUNDATION NOTES - TYP U.N.O.:

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

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

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

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

SLAB:

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

MISCELLANEOUS:

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

FOUNDATION NOTES

C

- FLOOR DRAINS LOCATED 1/2" BELOW T.O. SLAB. SLOPE SLAB AS INDICATED ON PLAN TO PROVIDE POSITIVE DRAINAGE.
- PROVIDE HUB DRAIN (HD) OR CLEANOUT UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0, BOTTOM OF FOOTING (B.O.F.)
- DEPRESSED FOUNDATION WALL AT THRESHOLD. SEE 3/S4.0.
- ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND SHEARWALL SCHEDULE." SEE DIS2.0.
- CONTINUOUS R-5 RIGID INSULATION WITH GRADE FLASHING ON OUTSIDE FACE OF FOUNDATION - FULL HEIGHT.
- CONCRETE SLAB ON GRADE - SEE C/S1.0 FOR ADDITIONAL INFORMATION.
- REFER TO SHEET S1 FOR HOLD DOWN AND EMBEDMENT INFORMATION.
- ROUND PLUMBING CLEANOUT.
- 4" MINIMUM FULLY SUPPORTED SLAB WITH 6"x6"-W1.4X1.4 WELDED WIRE MESH ON 8"x42" MINIMUM FOOTINGS OUTSIDE EXTERIOR DOORS.

FOUNDATION KEYNOTES

B



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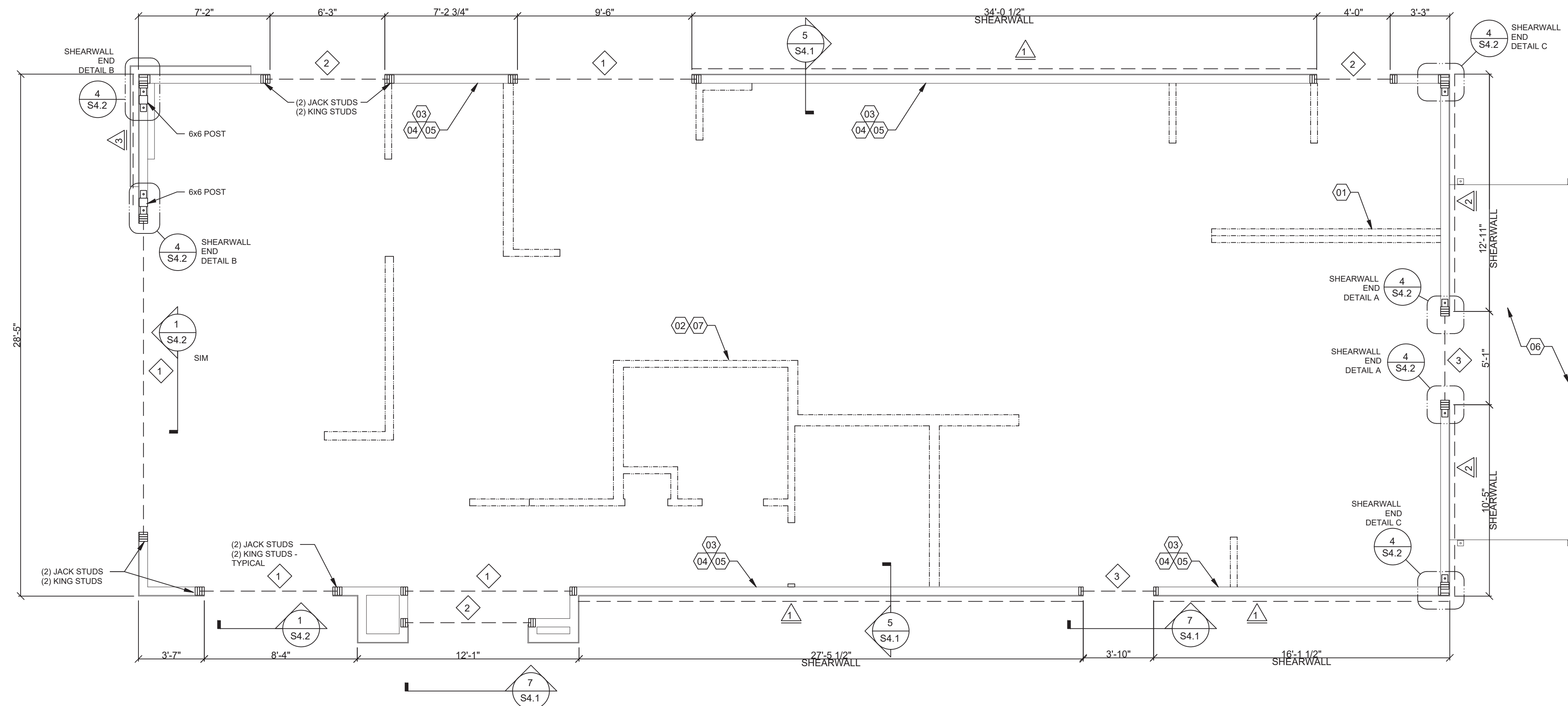
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 FOUNDATION PLAN

S1.0

PLOT DATE: 8/15/2022



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

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

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

HEADER SCHEDULE **E**

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

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

WALL SHEATHING AND SHEARWALL SCHEDULE **D**

WALL FRAMING NOTES - TYP U.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.
 H. USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

STUD LAYOUT:
 A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
 B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.

WALL FRAMING NOTES **C**

- 01 COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- 02 INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 10 & 11/S4.1 AND WALL FRAMING NOTES.
- 03 (2) 2x6 TOP PLATES - SPLICE PER 12/S4.1. U.O.N. REF. 11/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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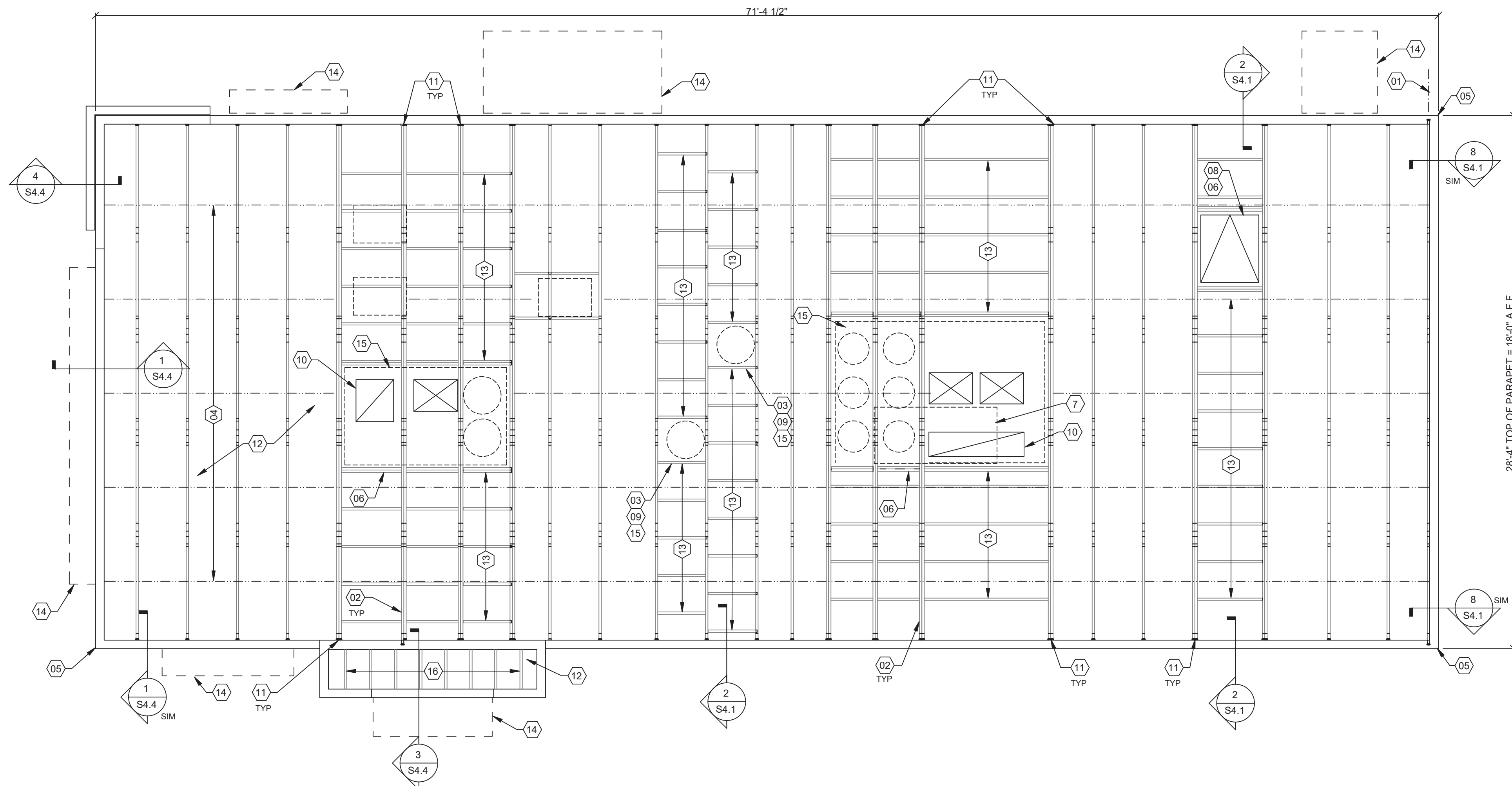
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ENDEAVOR 2.0
WALL FRAMING
PLAN

S2.0

PLOT DATE: 8/15/2022



ROOF NAILING SCHEDULE

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

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

ROOF NAILING SCHEDULE **D**

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

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

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

ROOF FRAMING NOTES **C**

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

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

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

ROOF FRAMING KEYNOTES **B**



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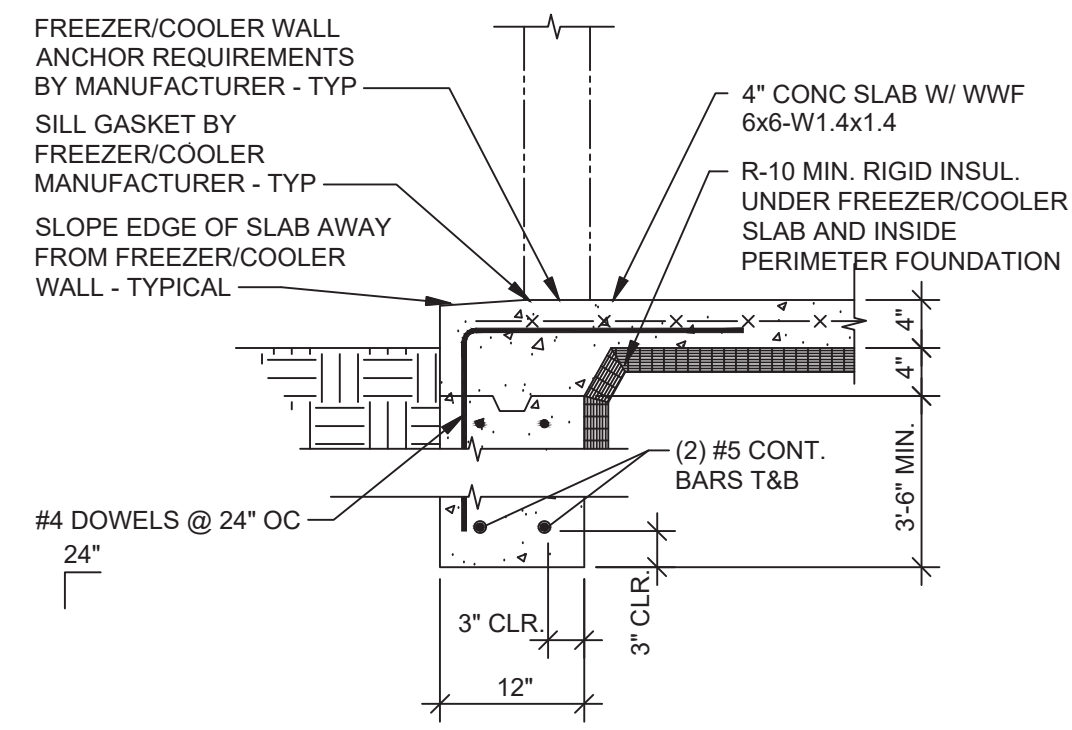
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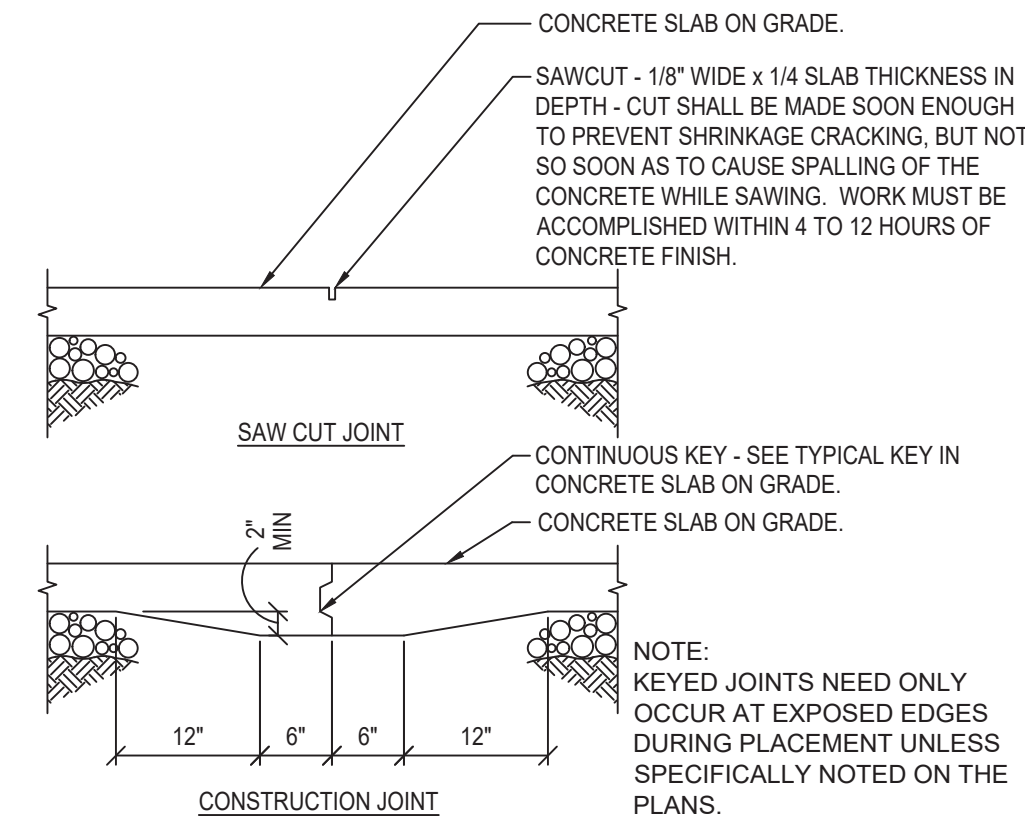
ENDEAVOR 2.0 ROOF FRAMING PLAN

S3.0

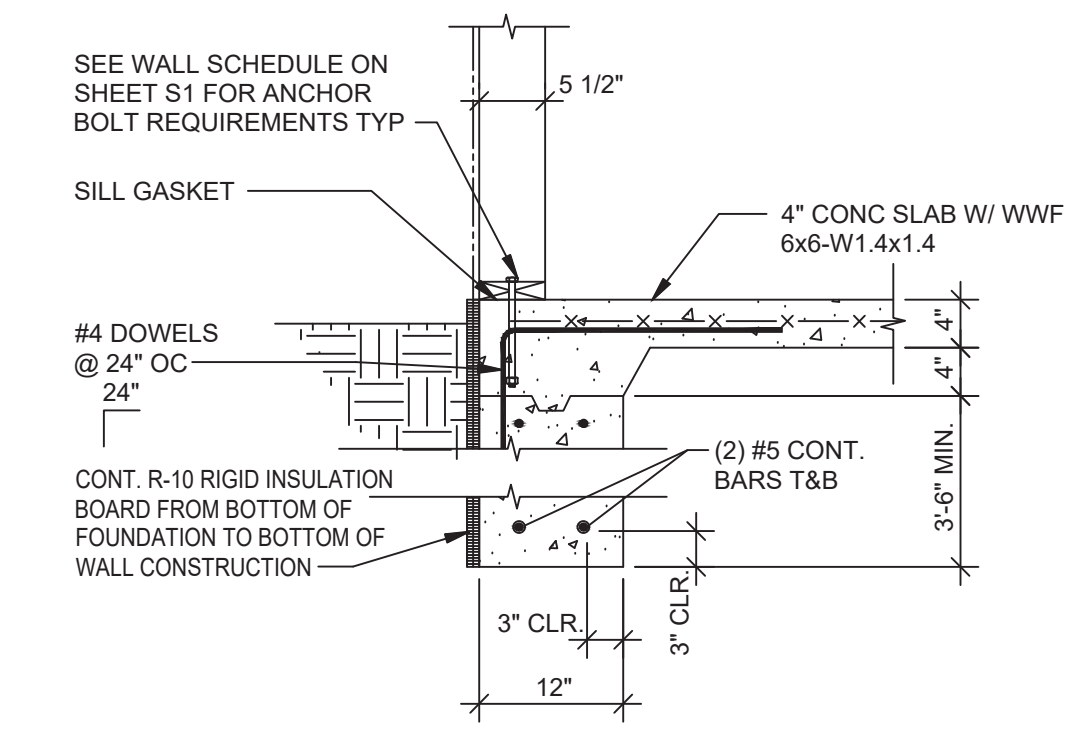
PLOT DATE: 8/15/2022



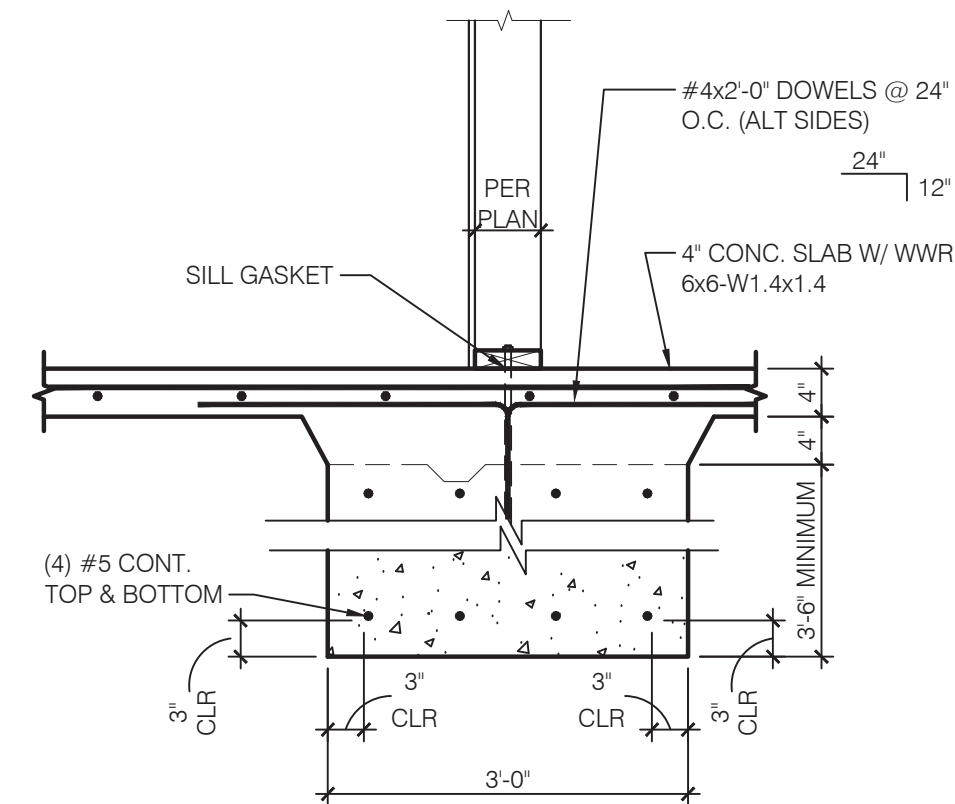
FREEZER/COOLER SECTION NO SCALE **9**



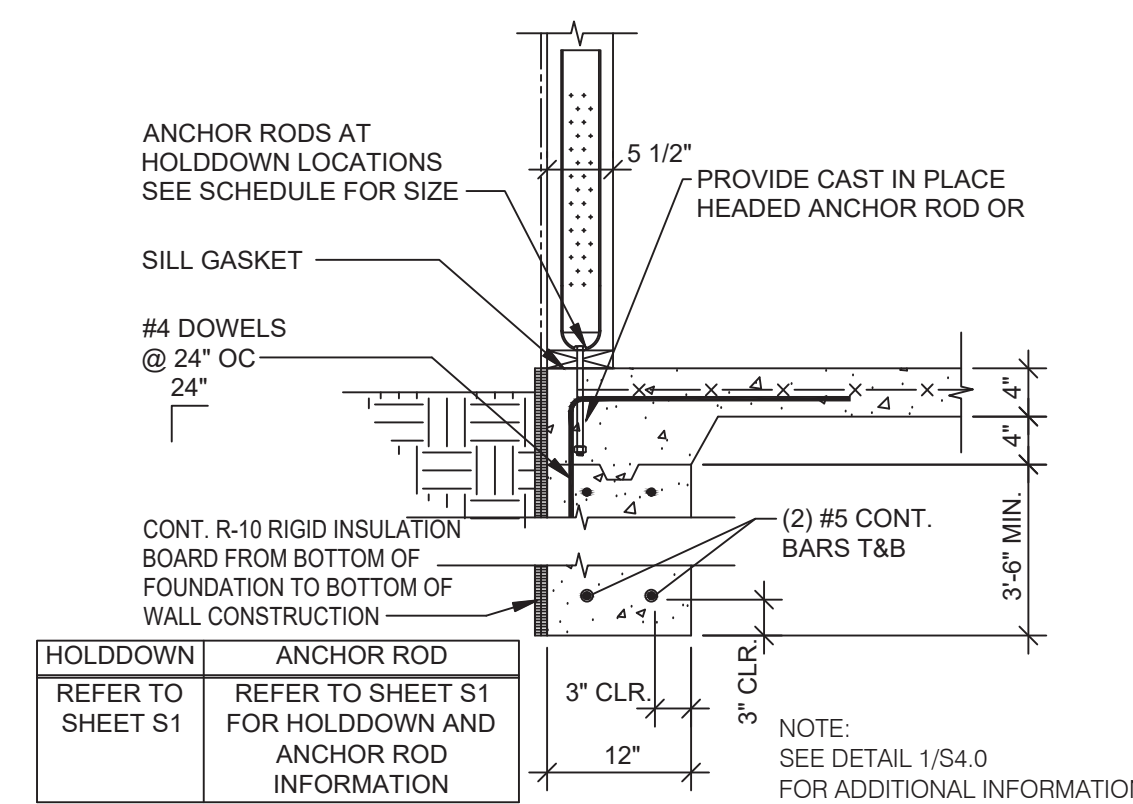
CONCRETE CONTROL JOINT NO SCALE **5**



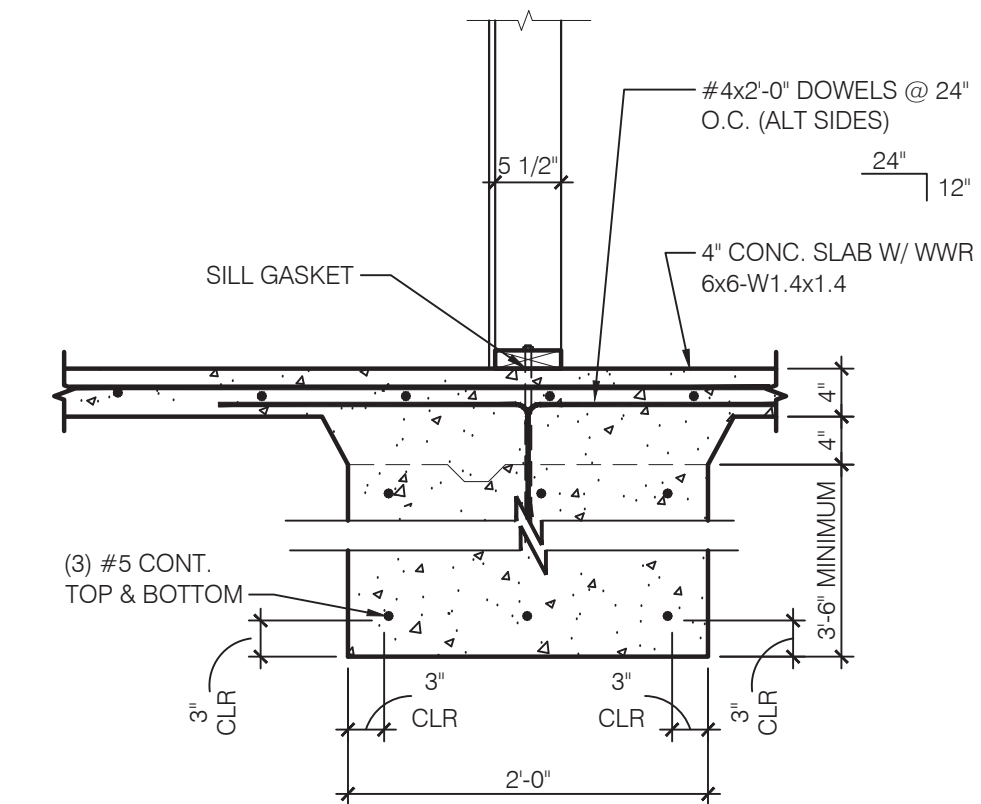
FOOTING AT SIDE AND REAR WALLS NO SCALE **1**



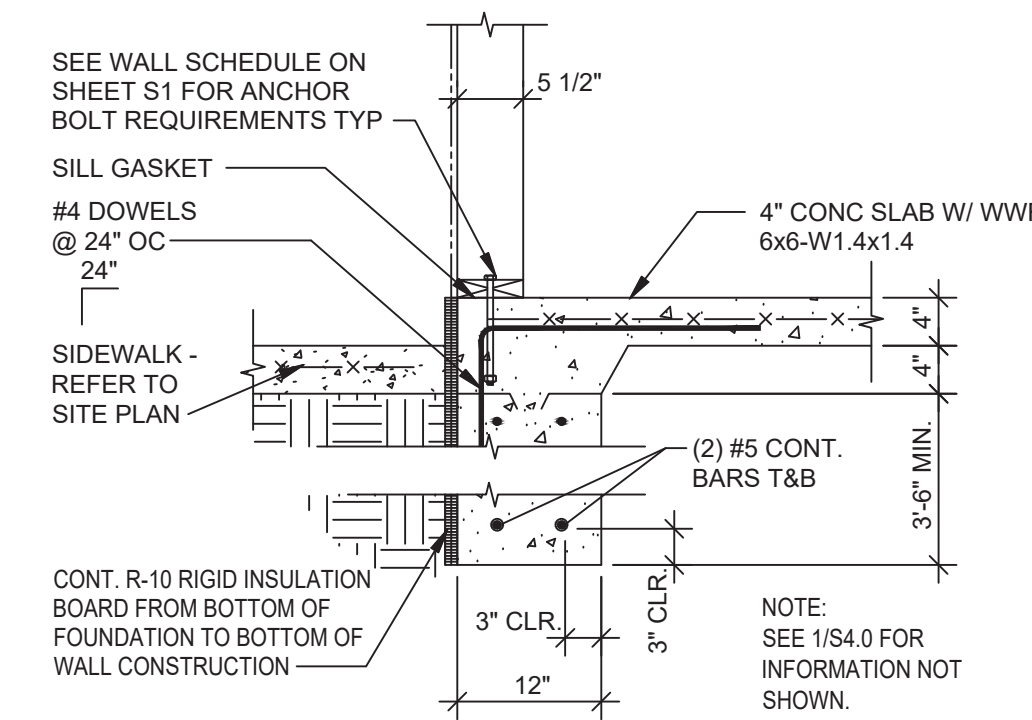
FOOTING AT INT. SHEAR WALL NO SCALE **10**



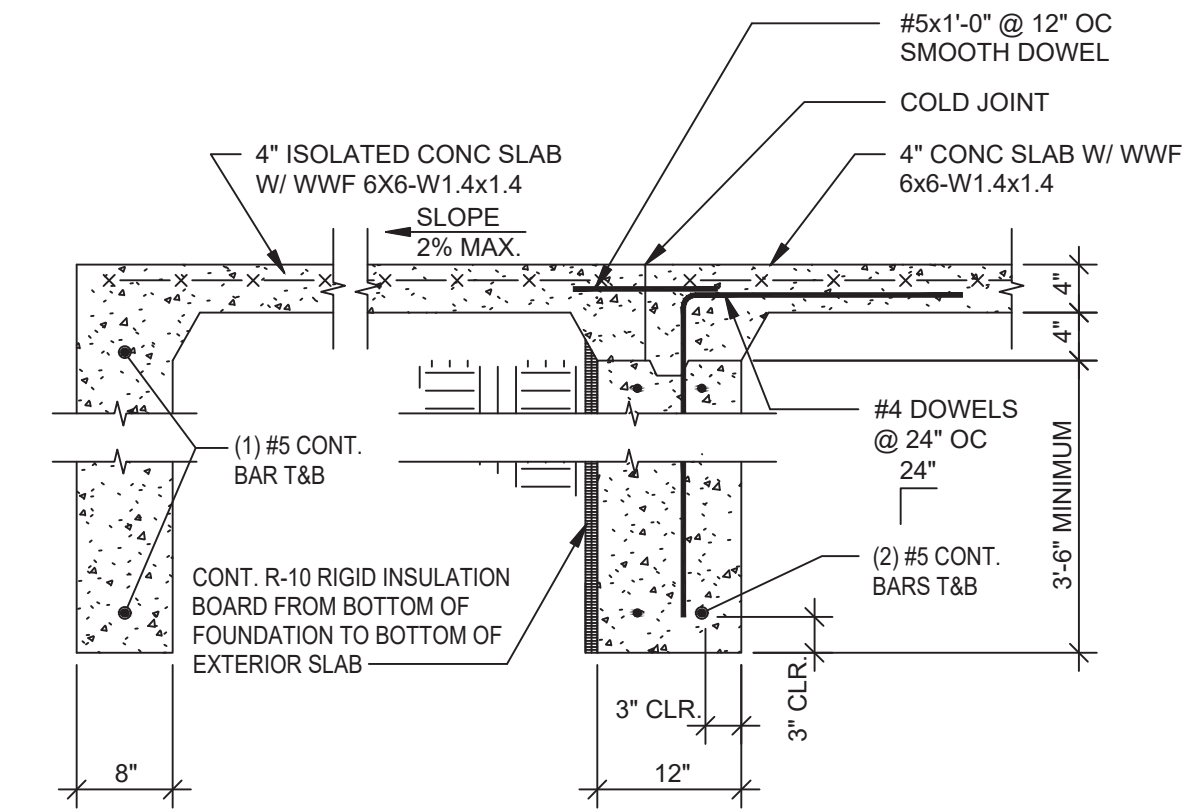
HOLDDOWN DETAIL NO SCALE **6**



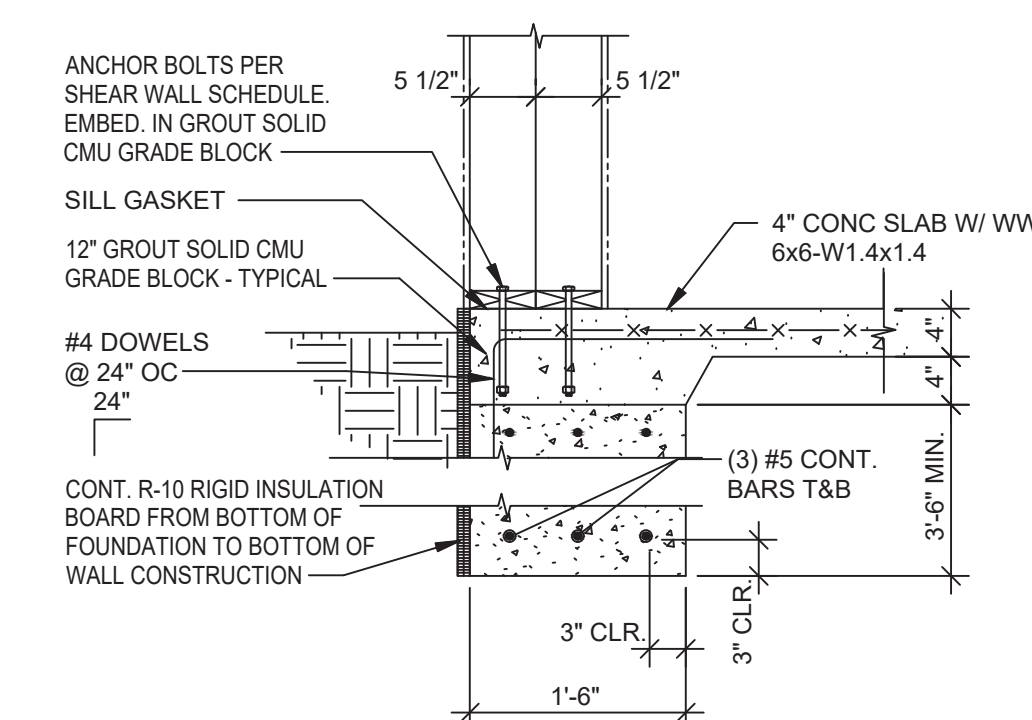
FOOTING AT SHEAR WALL NO SCALE **2**



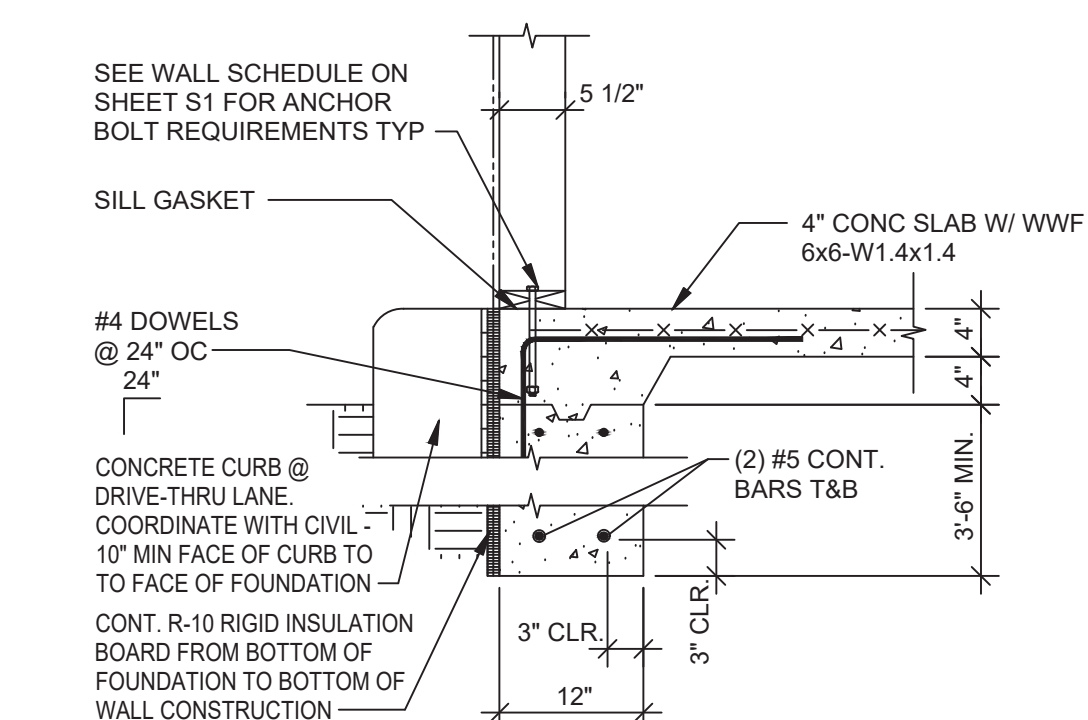
FOOTING AT FRONT WALL NO SCALE **7**



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



FOOTING AT SHEAR WALL 3 NO SCALE **8**



FOOTING AT DRIVE THRU NO SCALE **4**



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PROJECT # 21017

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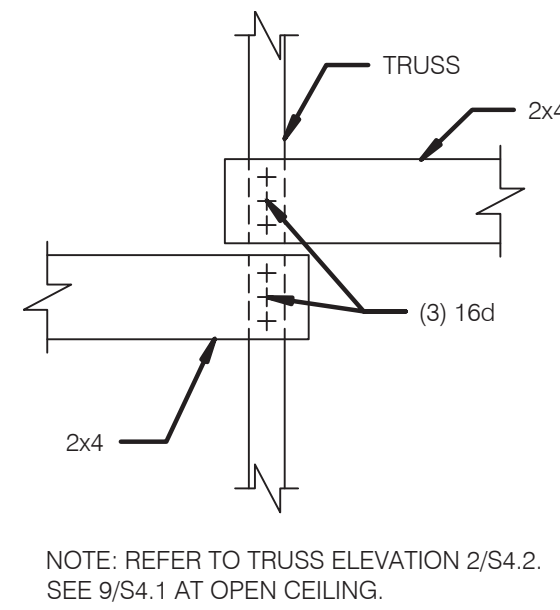
GREAT LAKES
TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



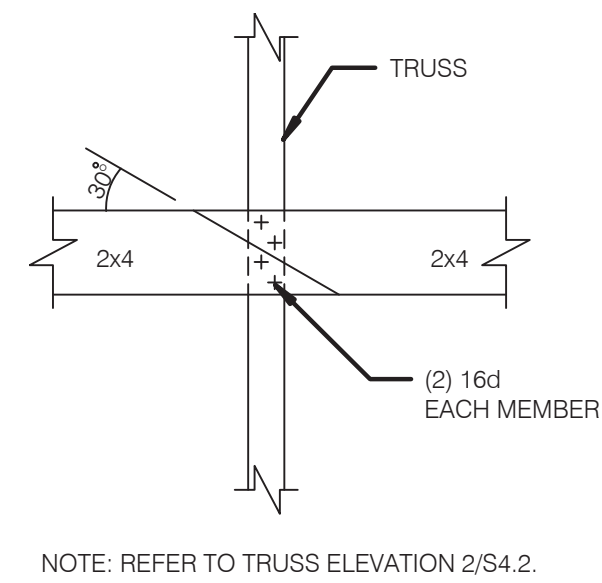
ENDEAVOR 2.0
FOUNDATION
DETAILS

S4.0

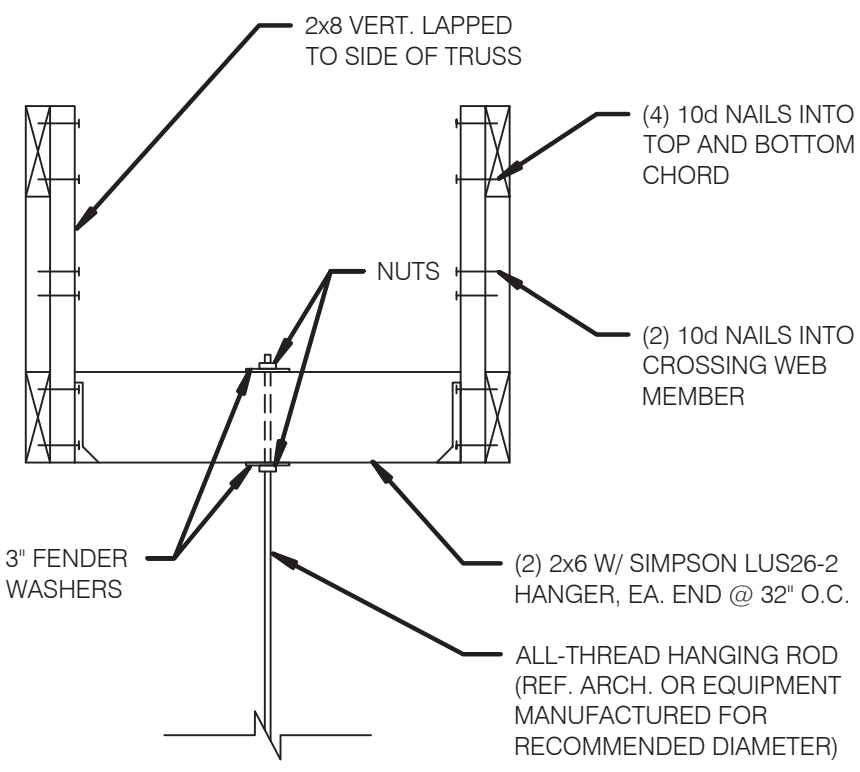
PLOT DATE: 8/15/2022



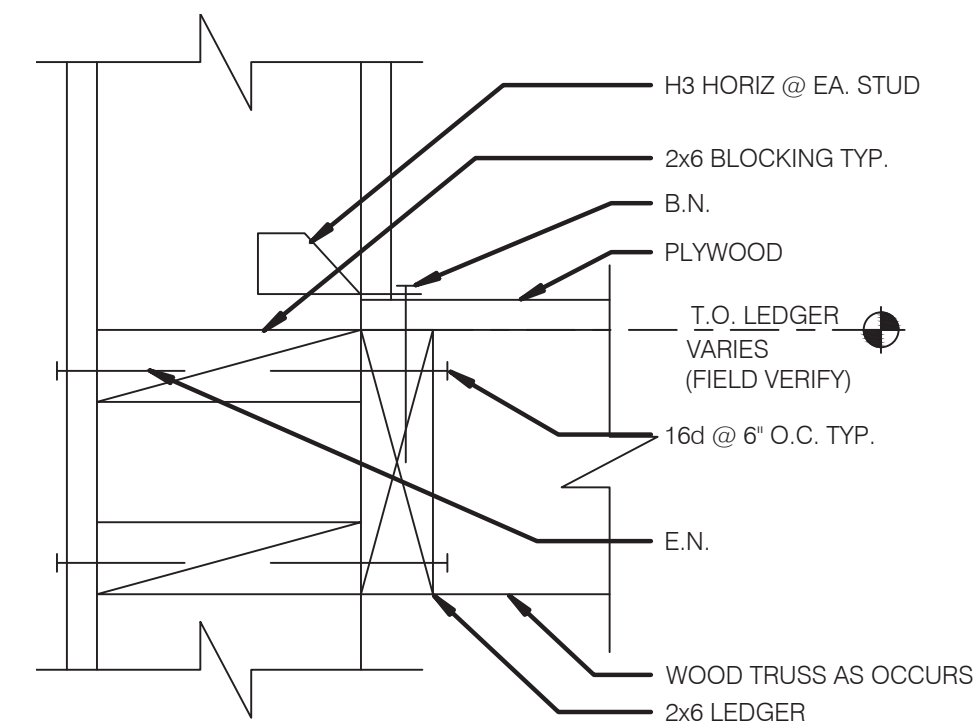
BRIDGING LAP DETAIL NO SCALE **13**



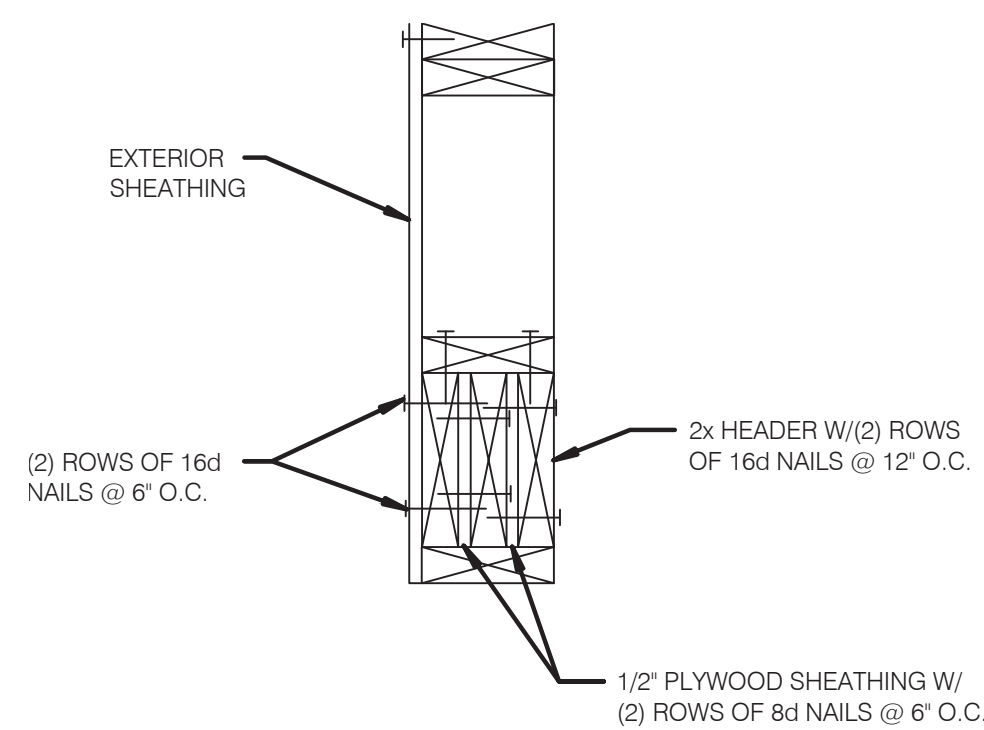
BRIDGING LAP DTL AT OPEN CLG. NO SCALE **9**



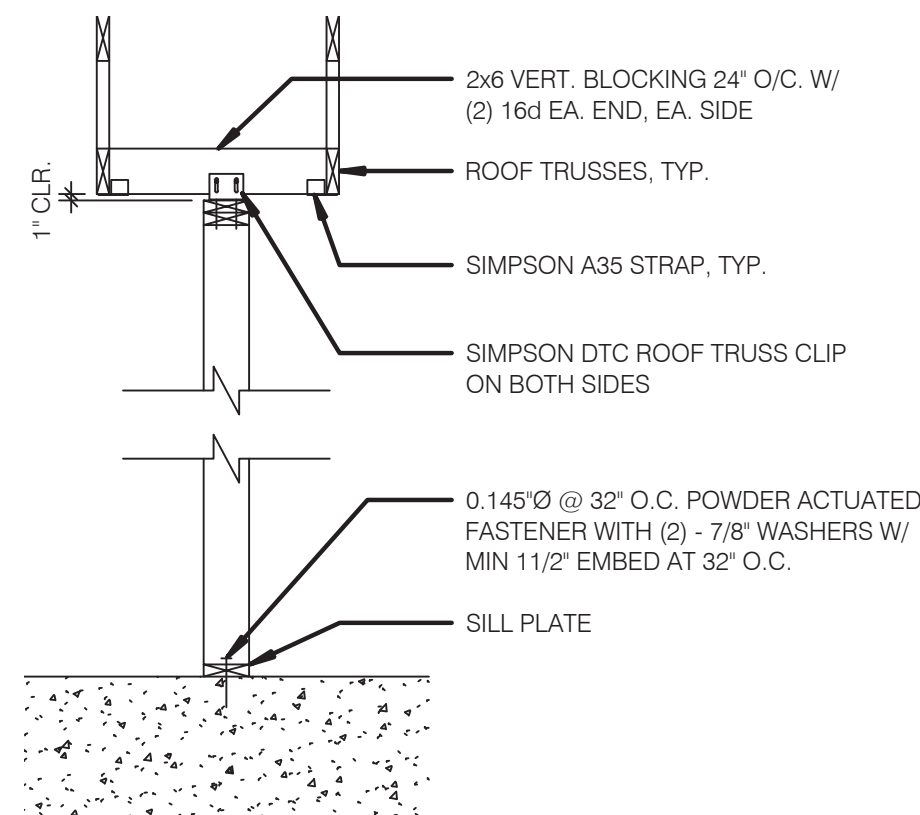
HANGING BULKHEAD OR HOOD DETAIL NO SCALE **6**



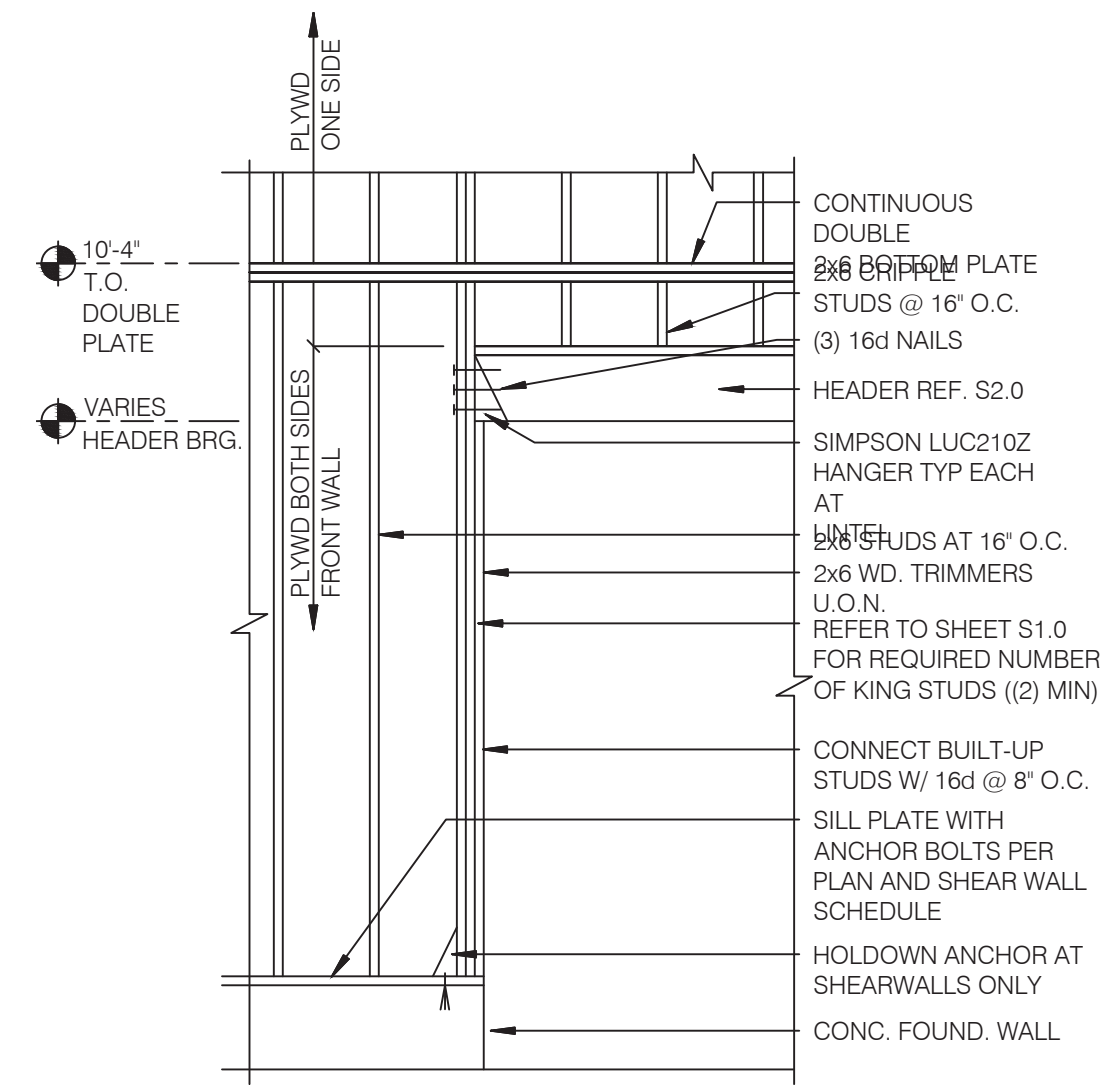
LEDGER DETAIL NO SCALE **3**



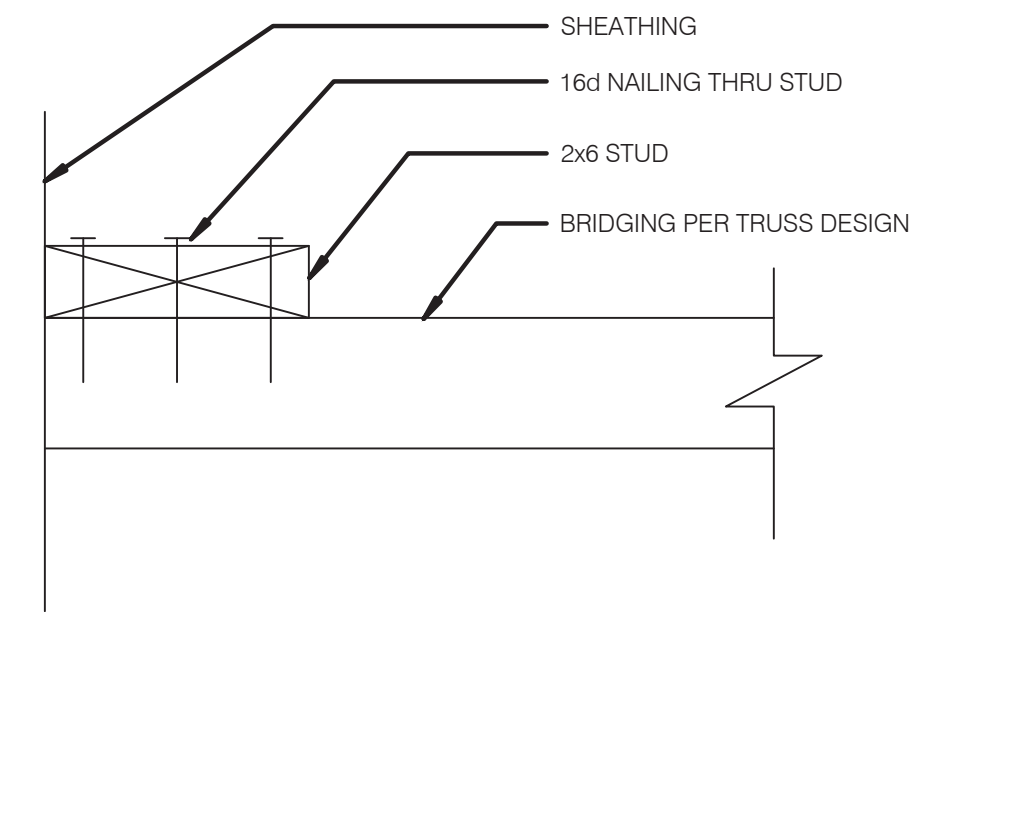
TYPICAL MULTIPLE HEADER NO SCALE **14**



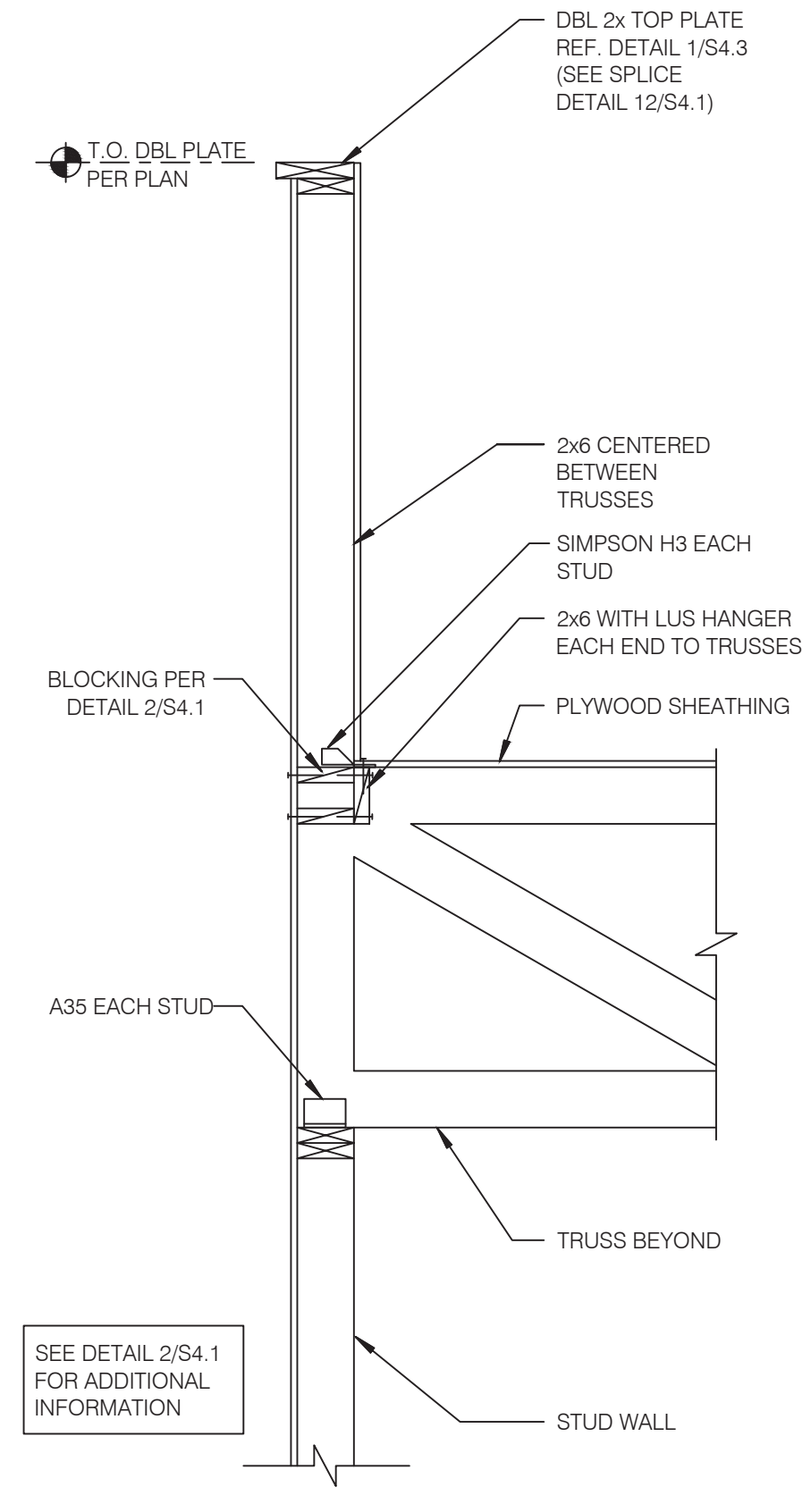
SUPPORT - PARALLEL TO TRUSS NO SCALE **10**



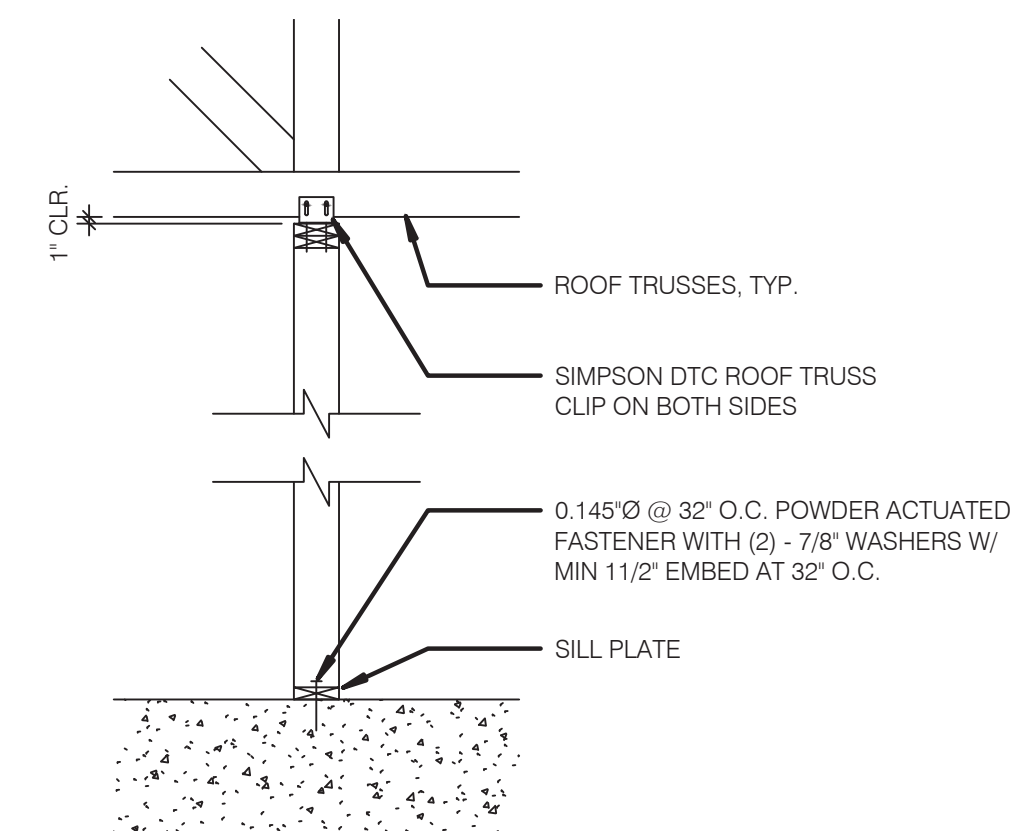
FRAMING ELEVATION AT OPENING NO SCALE **7**



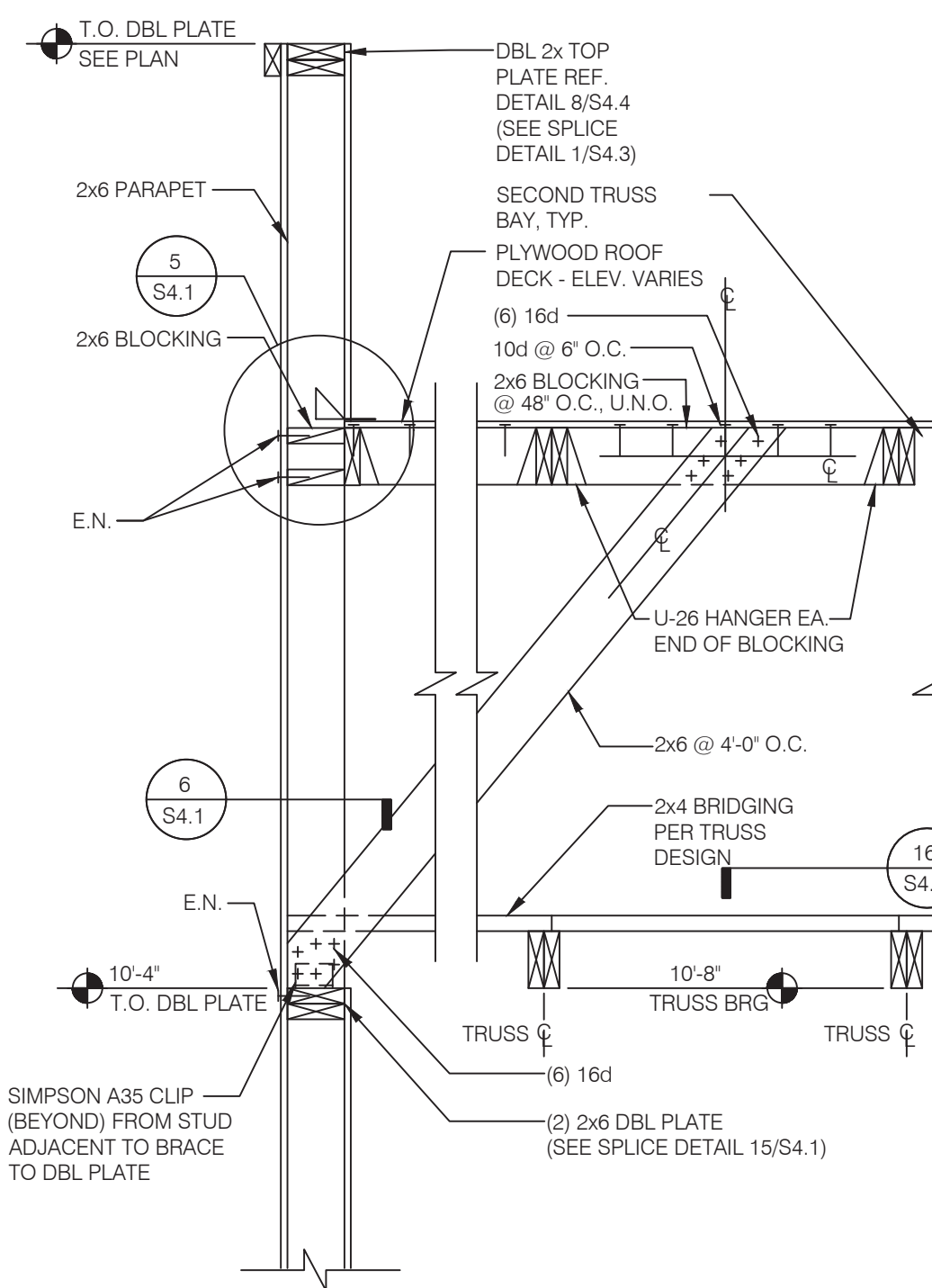
BRIDGING DETAIL NO SCALE **4**



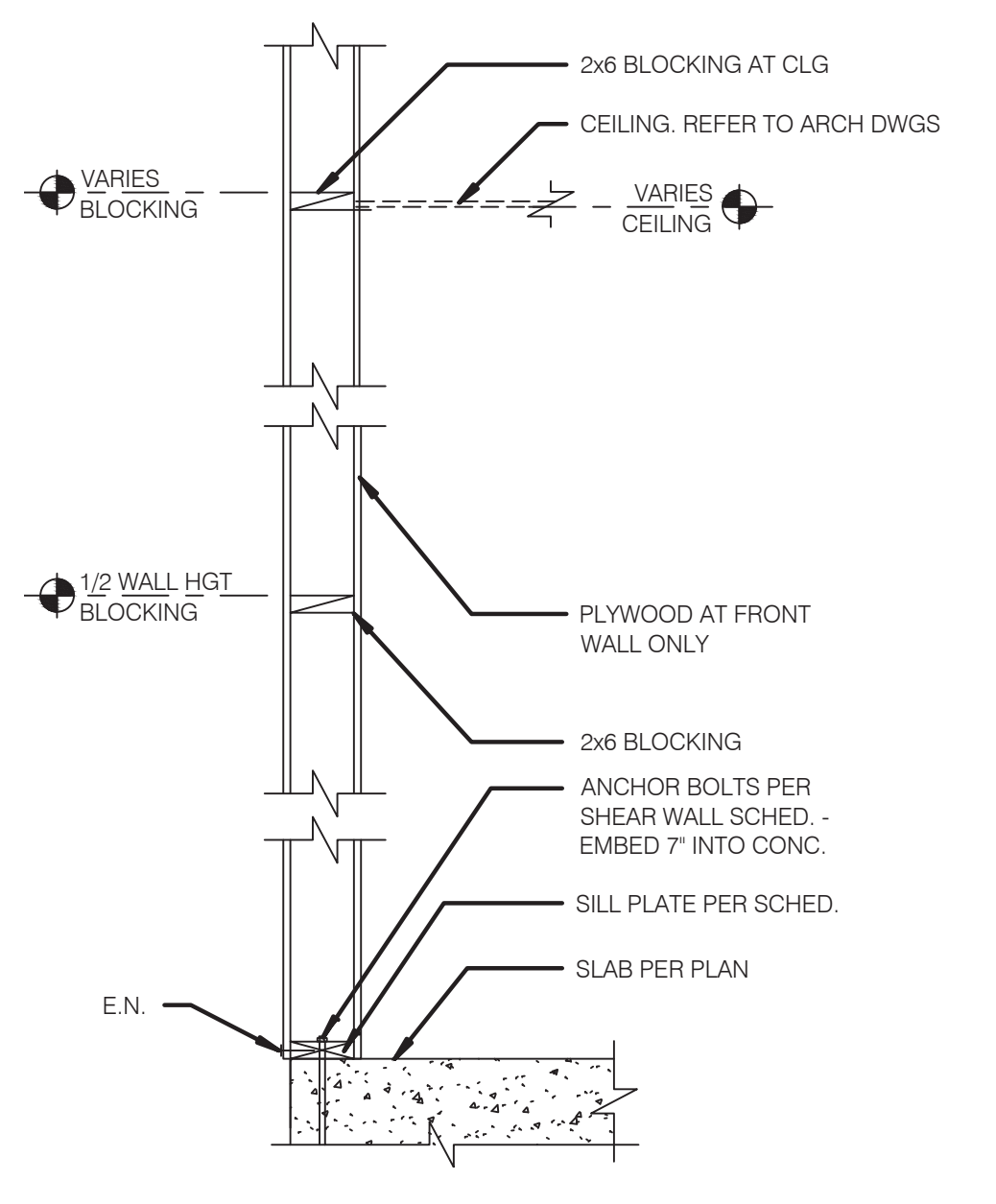
SIDE WALL STUDS NO SCALE **1**



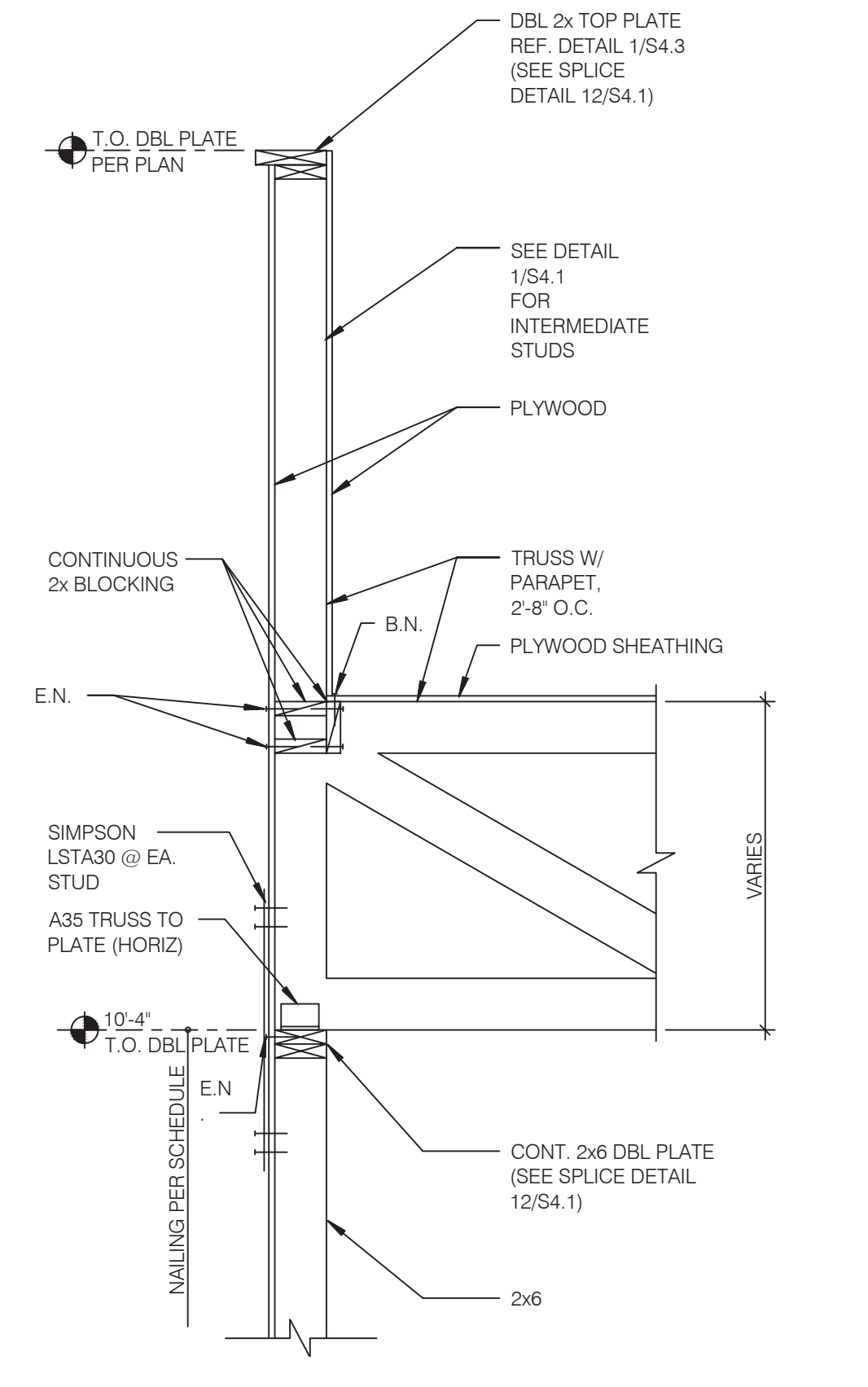
SUPPORT - PERP. TO TRUSS NO SCALE **11**



REAR WALL NO SCALE **8**



5/S4.1 NO SCALE **5**



SIDE WALL AT TRUSS NO SCALE **2**

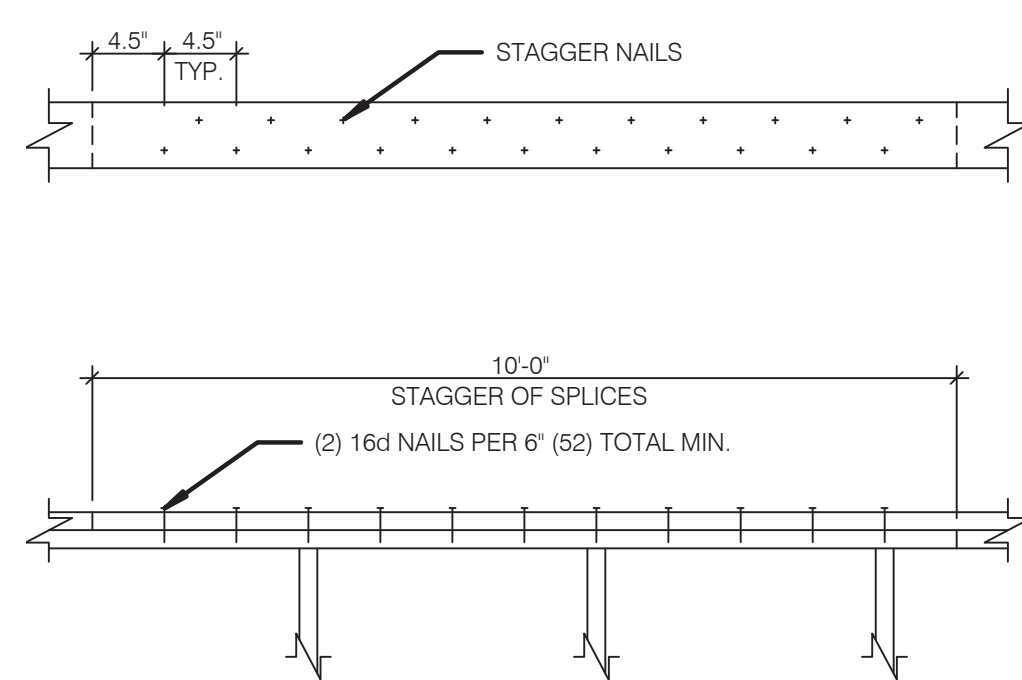


PLATE LAP DETAIL NO SCALE **12**



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PROJECT # 21017

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Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 FRAMING DETAILS

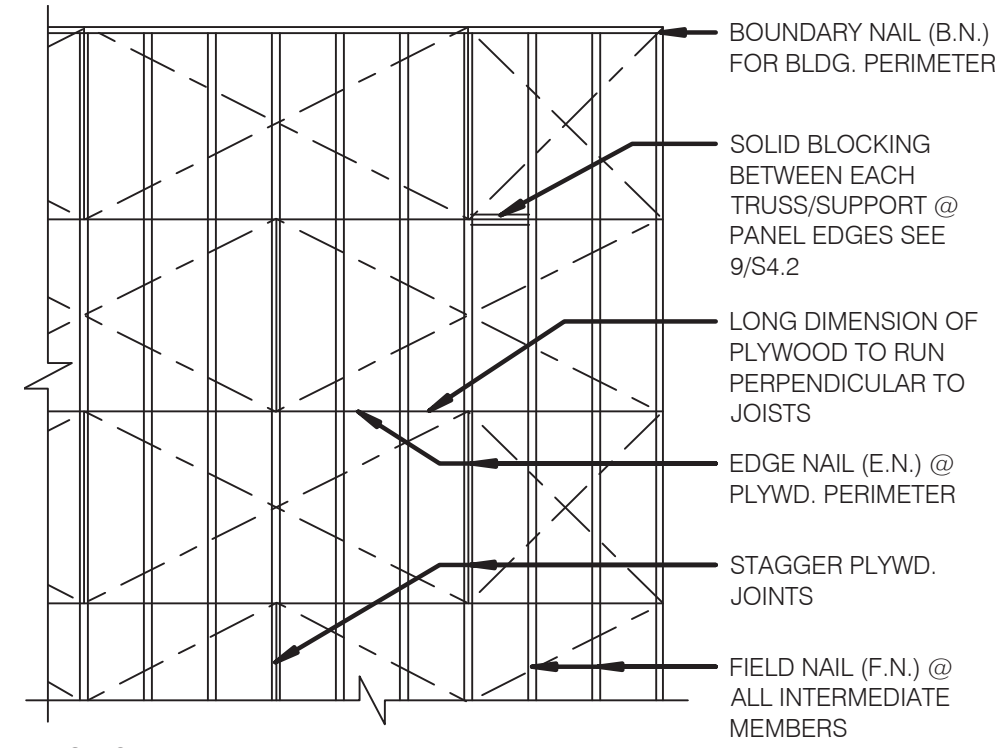
S4.1

PLOT DATE: 8/15/2022

CONNECTION TYPE:

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

NAILING:



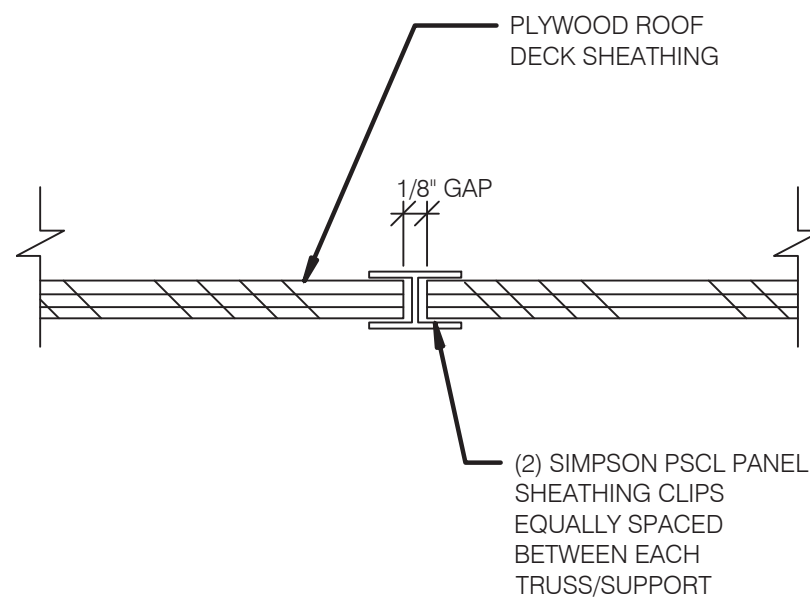
- NOTES:
1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
2. MIN. 3/8" NAILING EDGE DISTANCE.
3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

ROOF NAILING PLAN NO SCALE 8

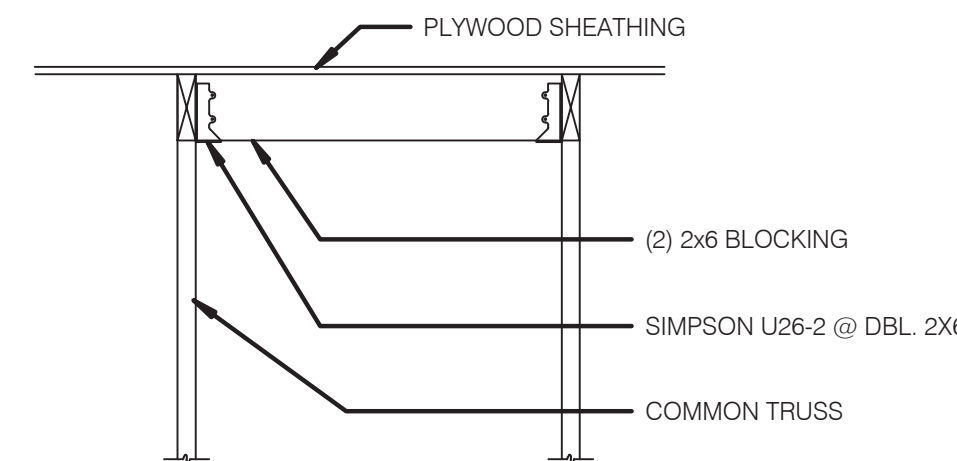
EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	1336 lbs.
HVAC UNIT - RTU-2	2560 lbs.
EXHAUST FAN - EF-1	122 lbs.
EXHAUST FAN - EF-2	78 lbs.
HOOD # 1 - TACO BELL	300 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.

A. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.

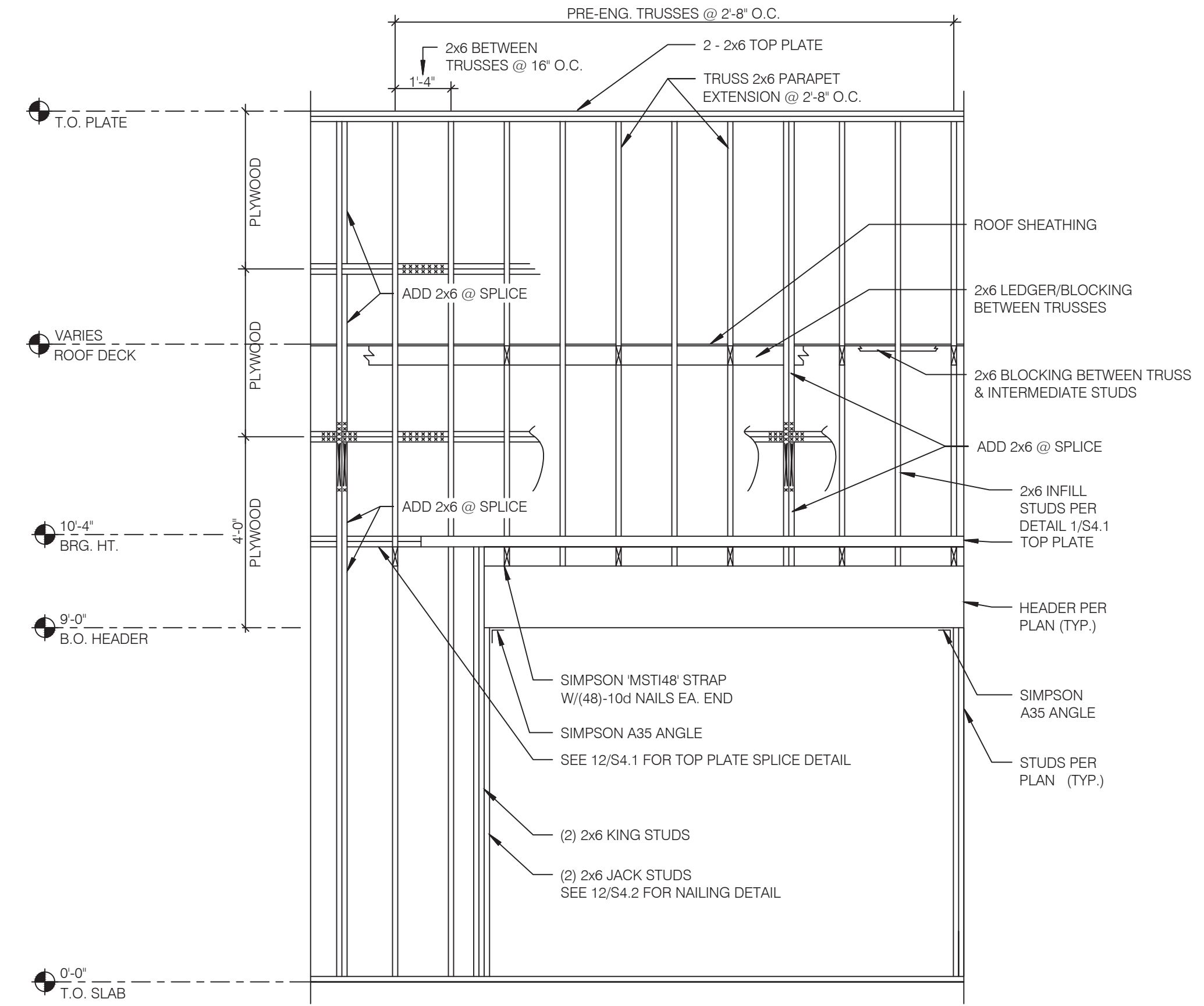
ROOF TOP EQUIP. WEIGHTS NO SCALE 5



PLYWOOD EDGE BLOCKING NO SCALE 9

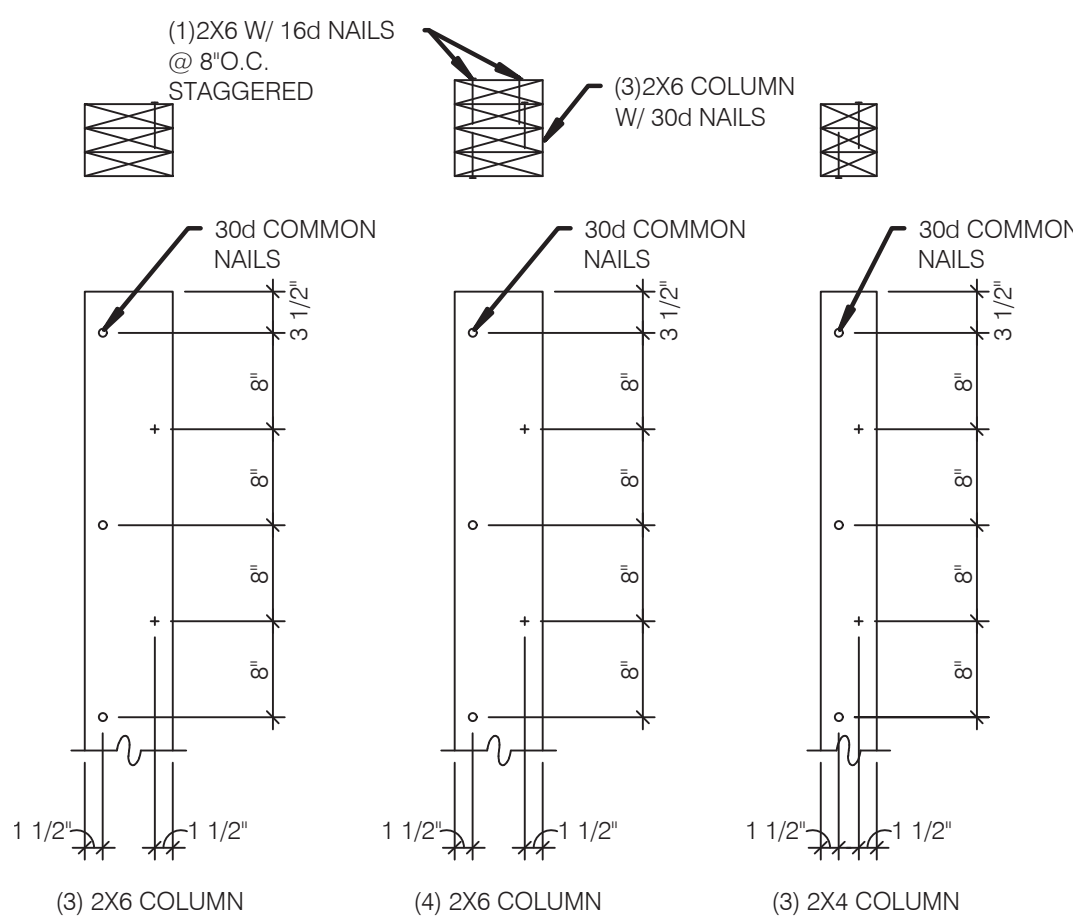


ROOF OPENING DETAIL NO SCALE 6

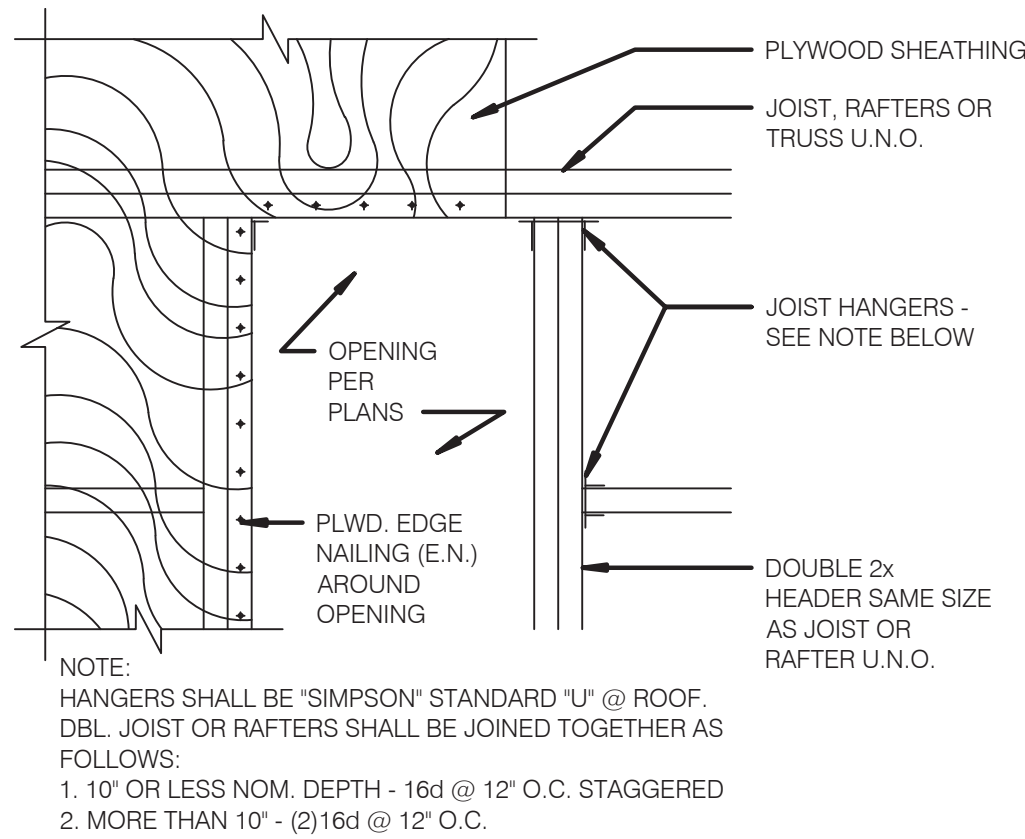


WALL FRAMING DETAIL NO SCALE 1

NAILING SCHEDULE NO SCALE 11



BUILT-UP 2X COLUMNS NO SCALE 12

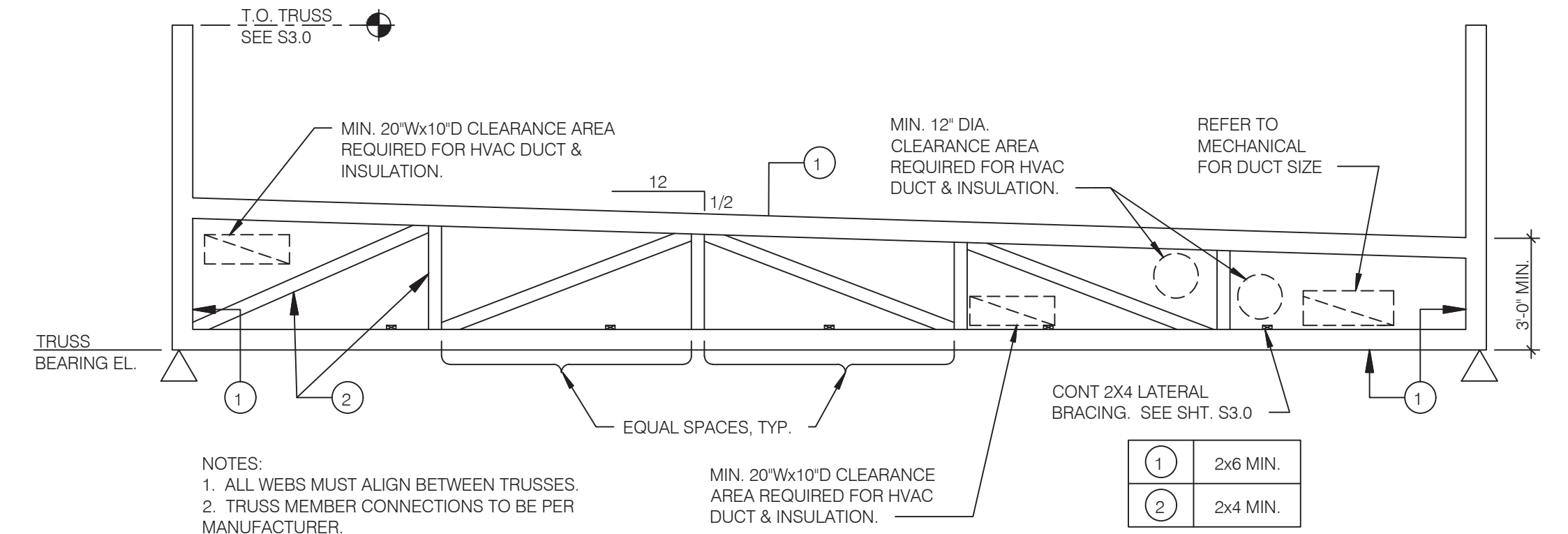


TYPICAL ROOF OPENING NO SCALE 10

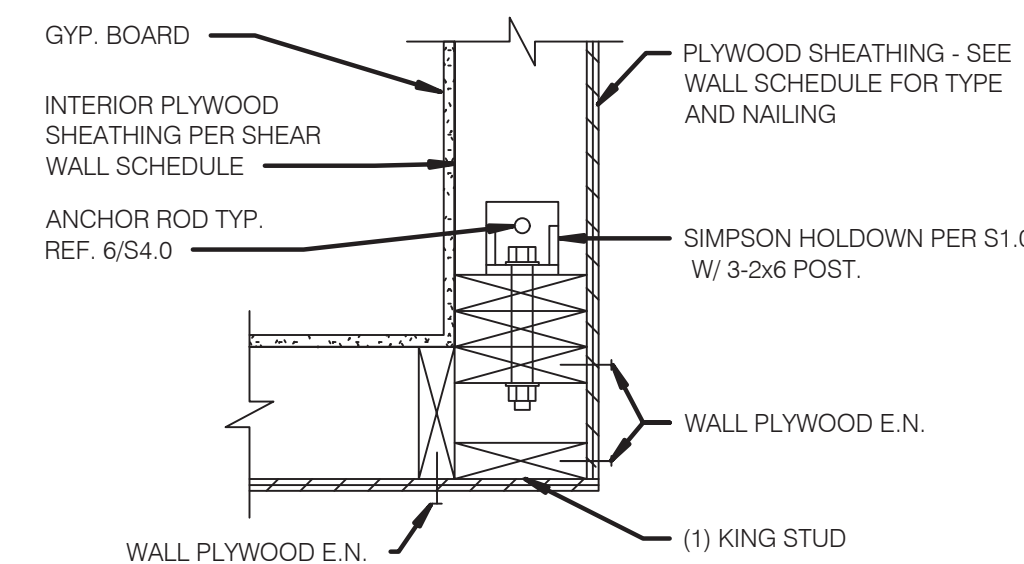
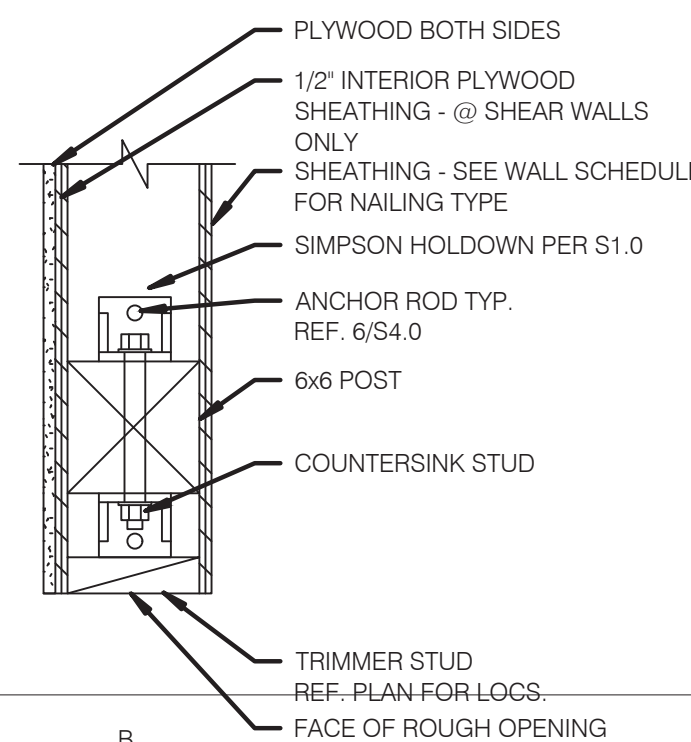
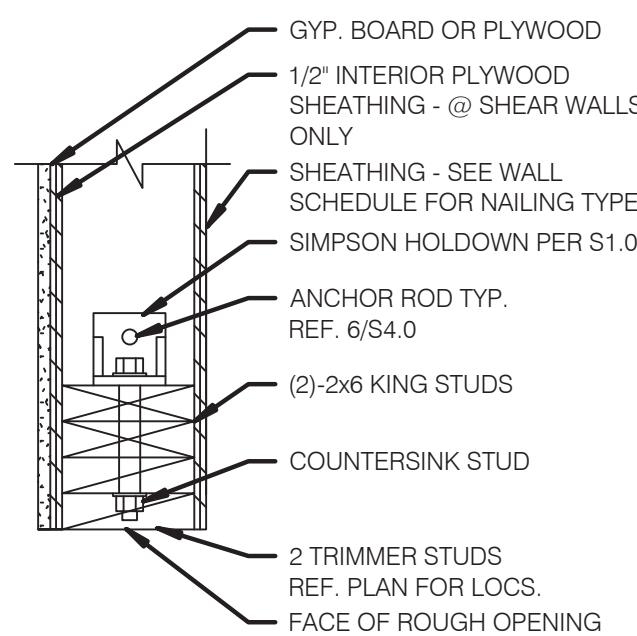
TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T28	X	XX	△	SEE NOTE 1.

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

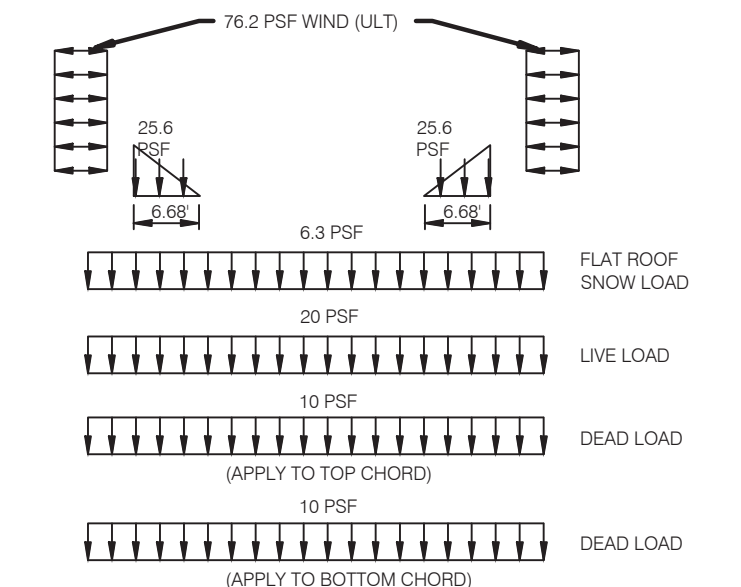
TRUSS SCHEDULE NO SCALE 7



TRUSS ELEVATION NO SCALE 2



4/S42 NO SCALE 4



TRUSS LOAD DIAGRAMS NO SCALE 3



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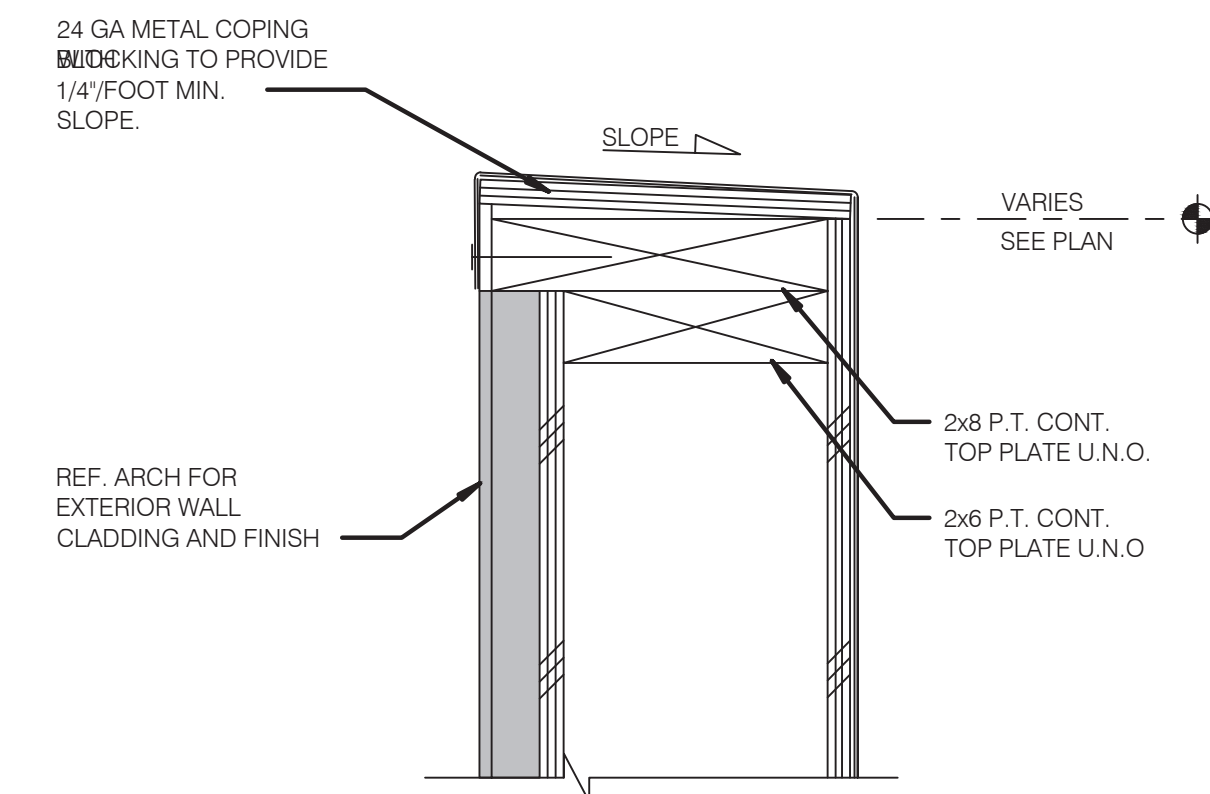
GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



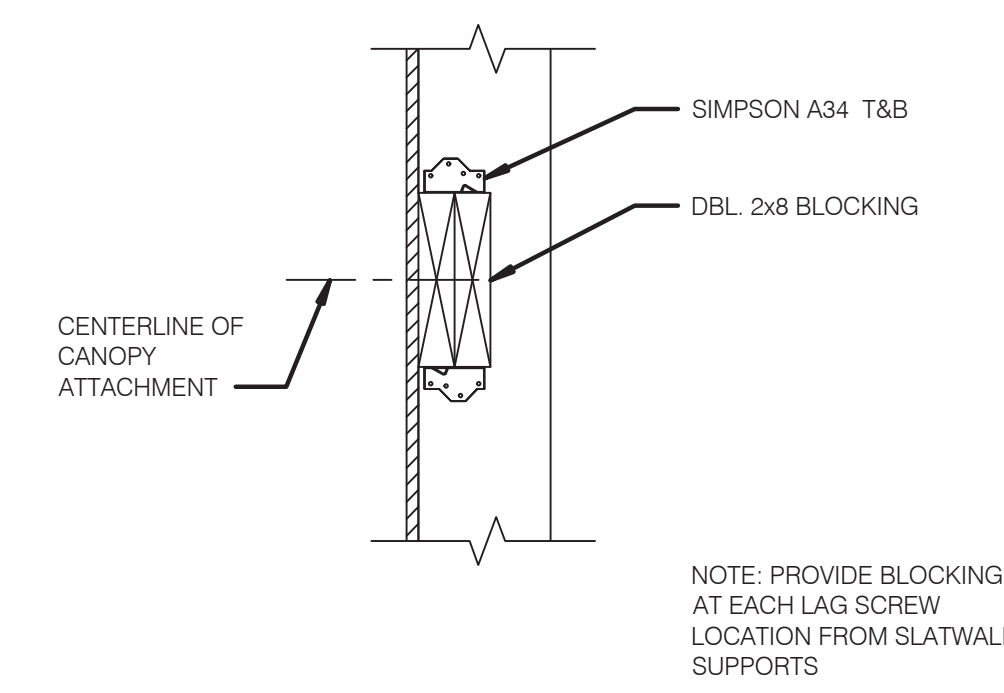
ENDEAVOR 2.0 FRAMING DETAILS

S4.2

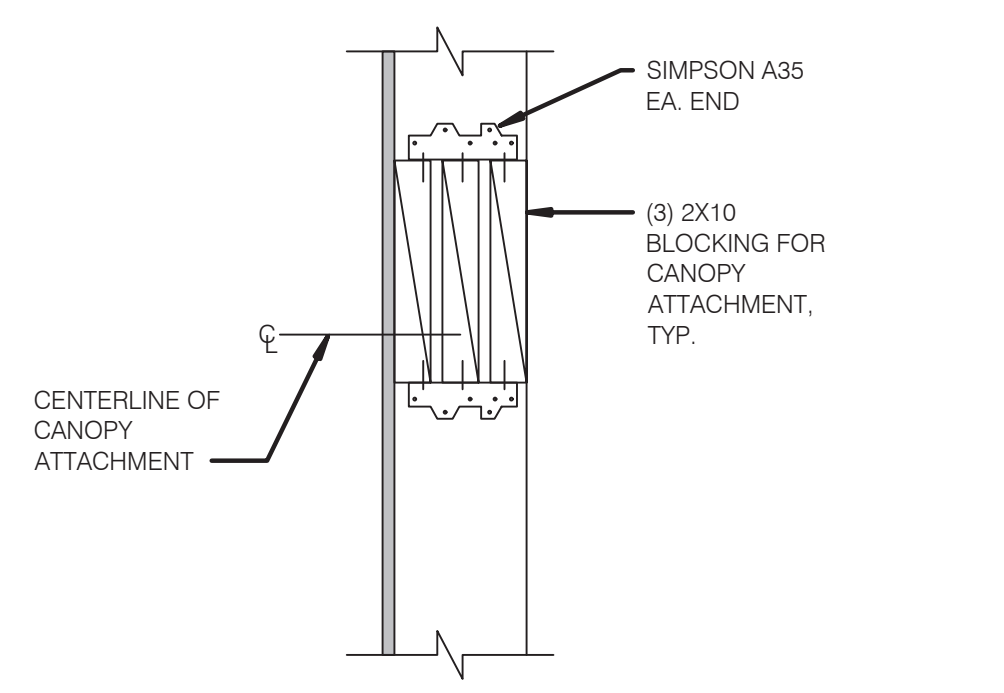
PLOT DATE: 8/15/2022



TYPICAL PARAPET CAP NO SCALE **1**



SIGNAGE ATTACHMENT BLOCKING DETAIL NO SCALE **2**



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



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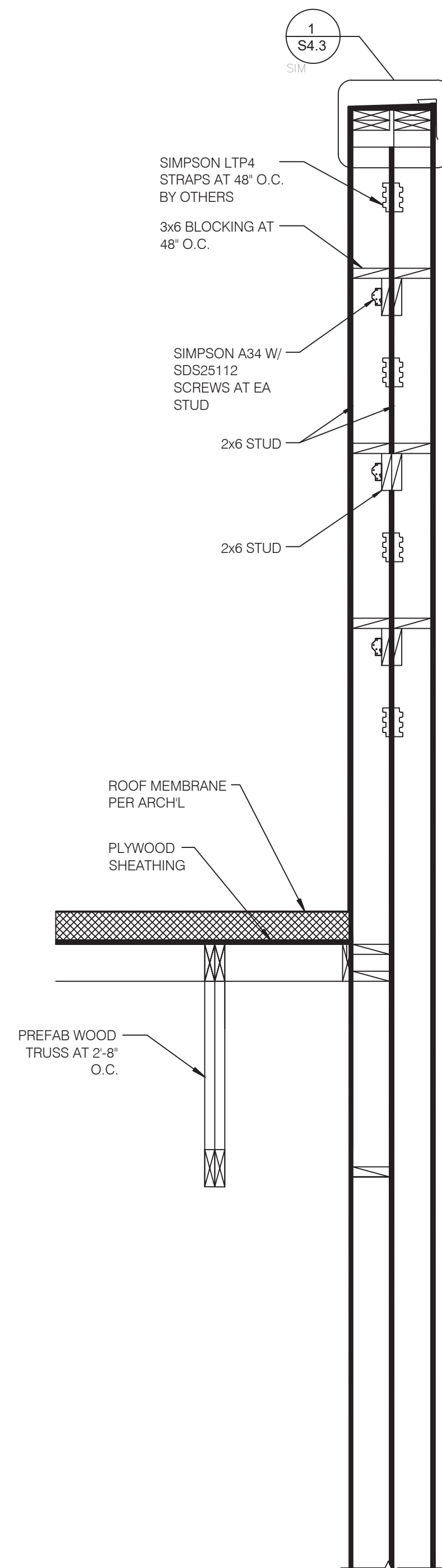
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Pontiac, Michigan 48340



**ENDEAVOR 2.0
FRAMING
DETAILS**

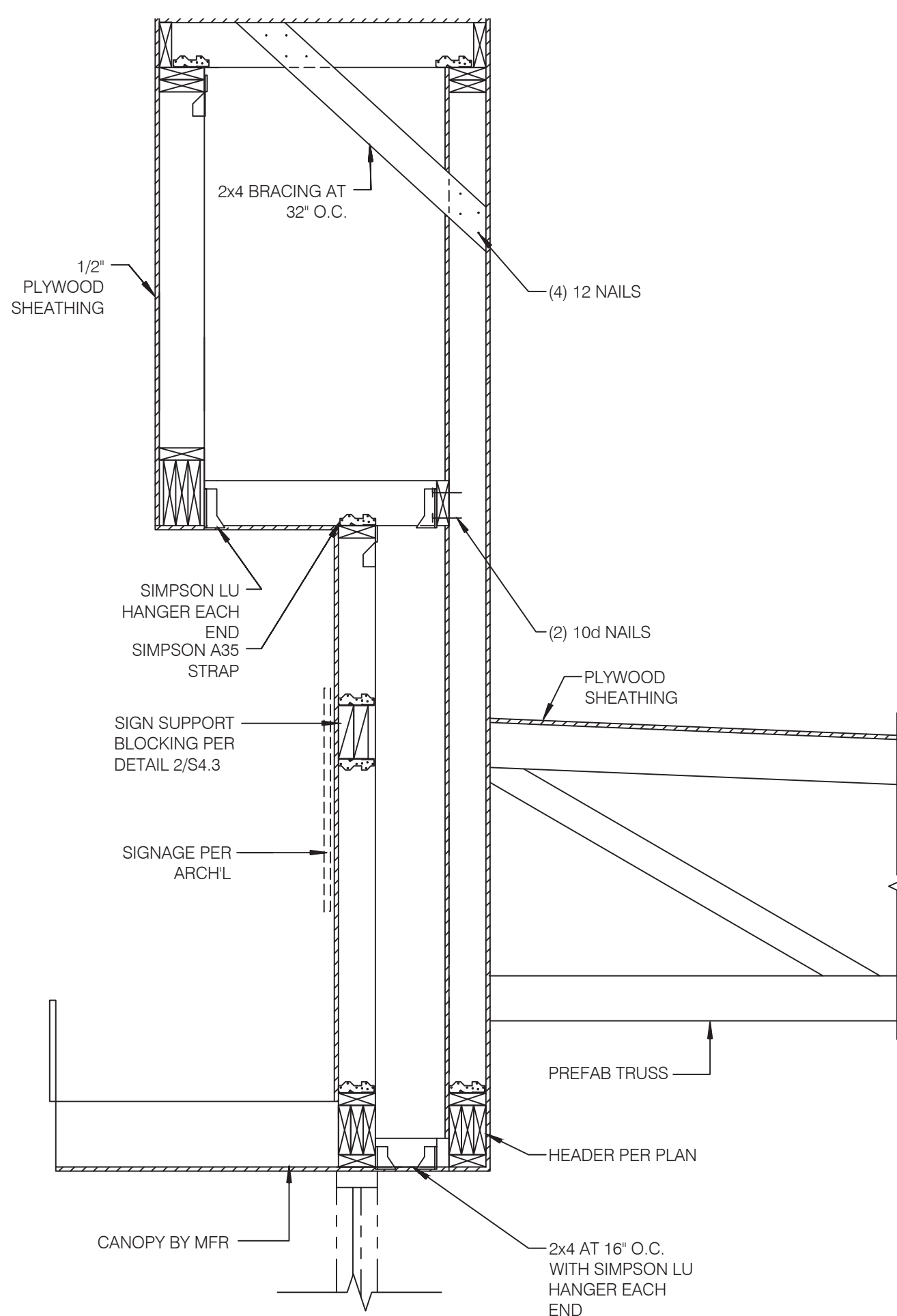
S4.3

PLOT DATE: 8/15/2022

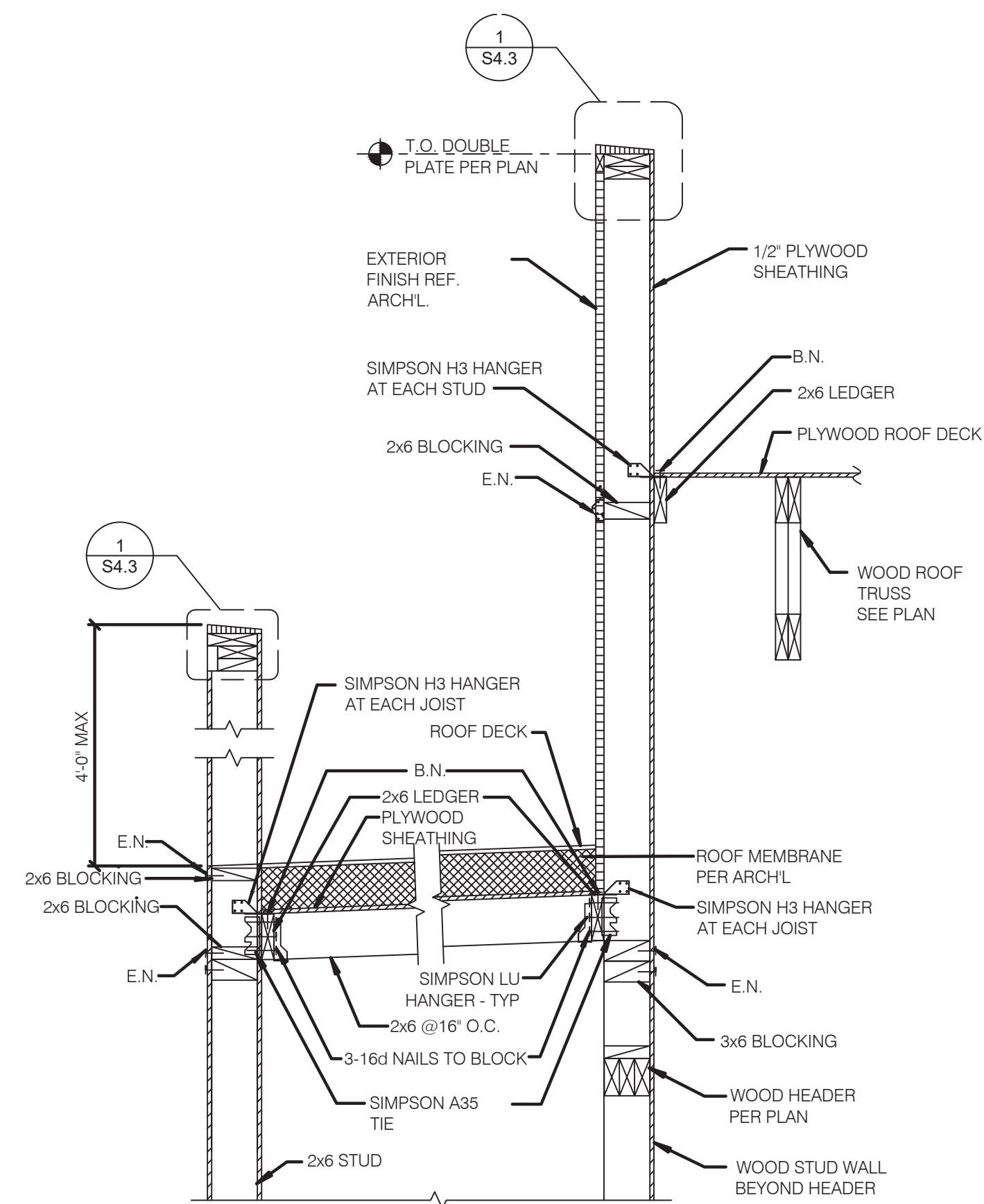


SECTION AT TOWER NO SCALE 4

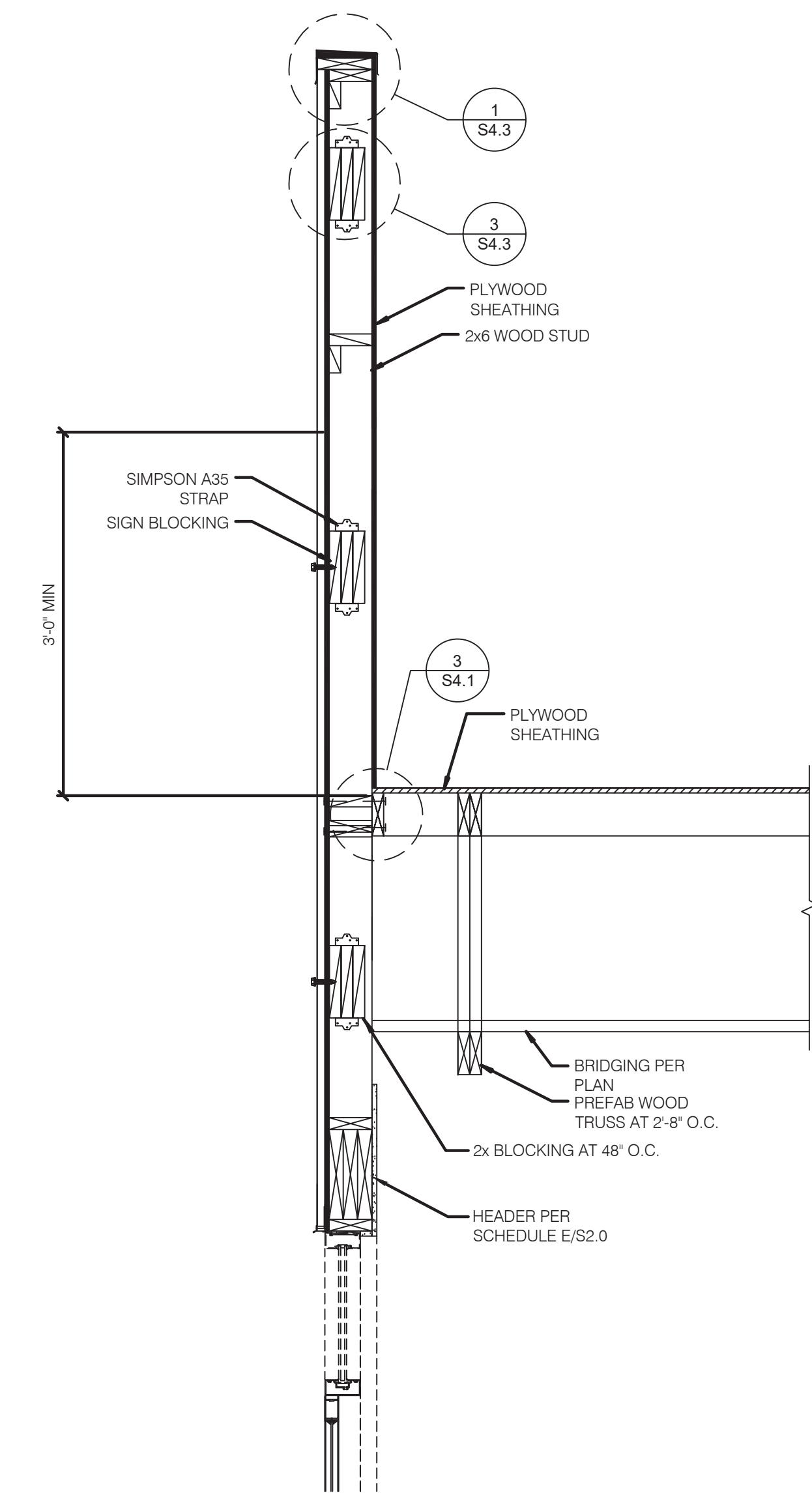
T.O. TOWER / PARAPET FRAMING



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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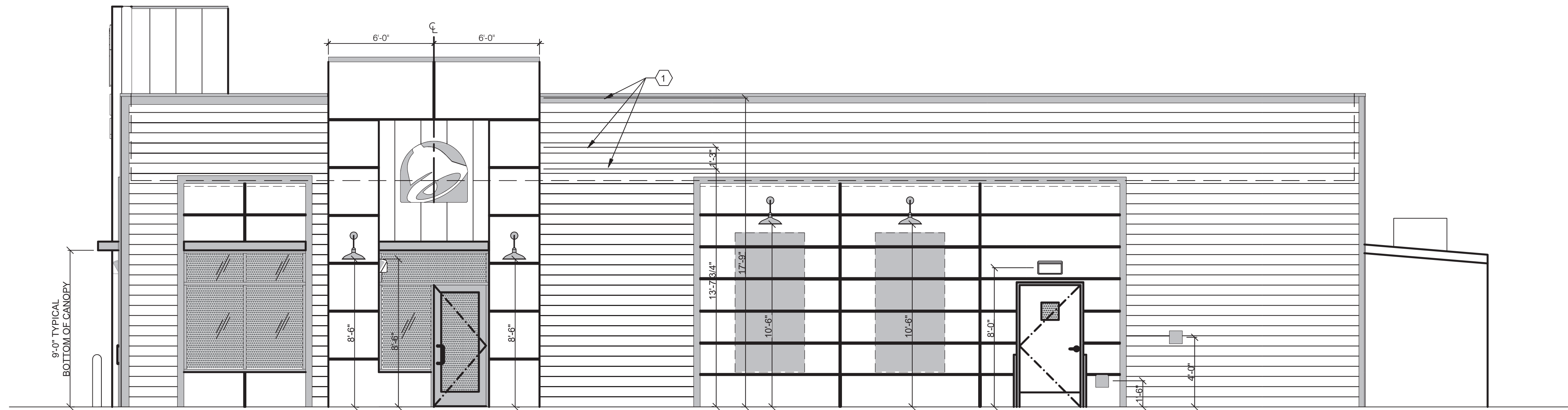


ENDEAVOR 2.0 FRAMING DETAILS

S4.4

PLOT DATE: 8/15/2022

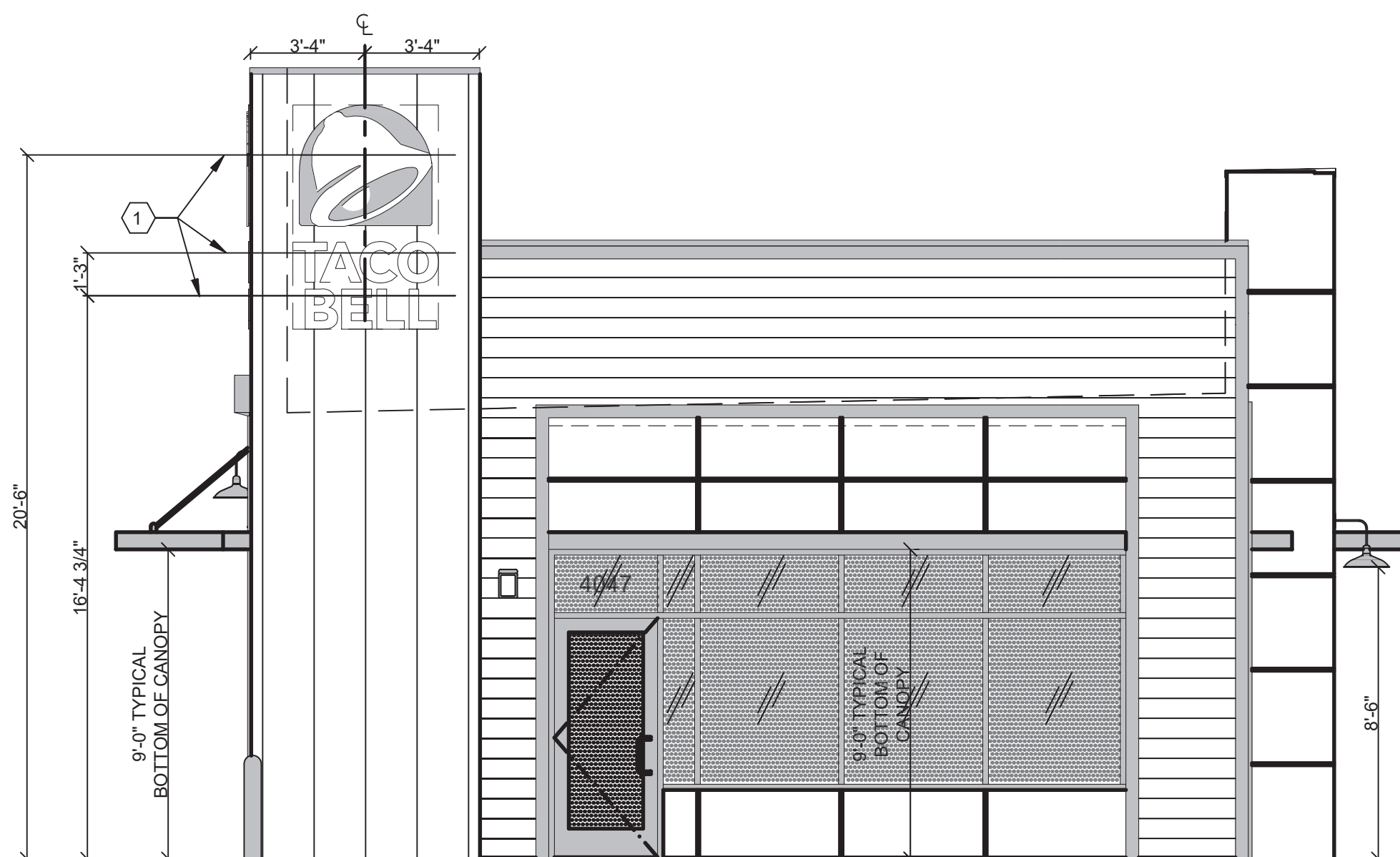
COORDINATE BLOCKING REQUIREMENTS WITH SIGN MANUFACTURER AND DESIGN
BLOCKING FOR CANOPY/AWNING
LOADING REACTIONS PER CODE -
ALL REQUIRED SHALL BE INSTALLED
PRIOR TO SHEATHING INSTALLATION



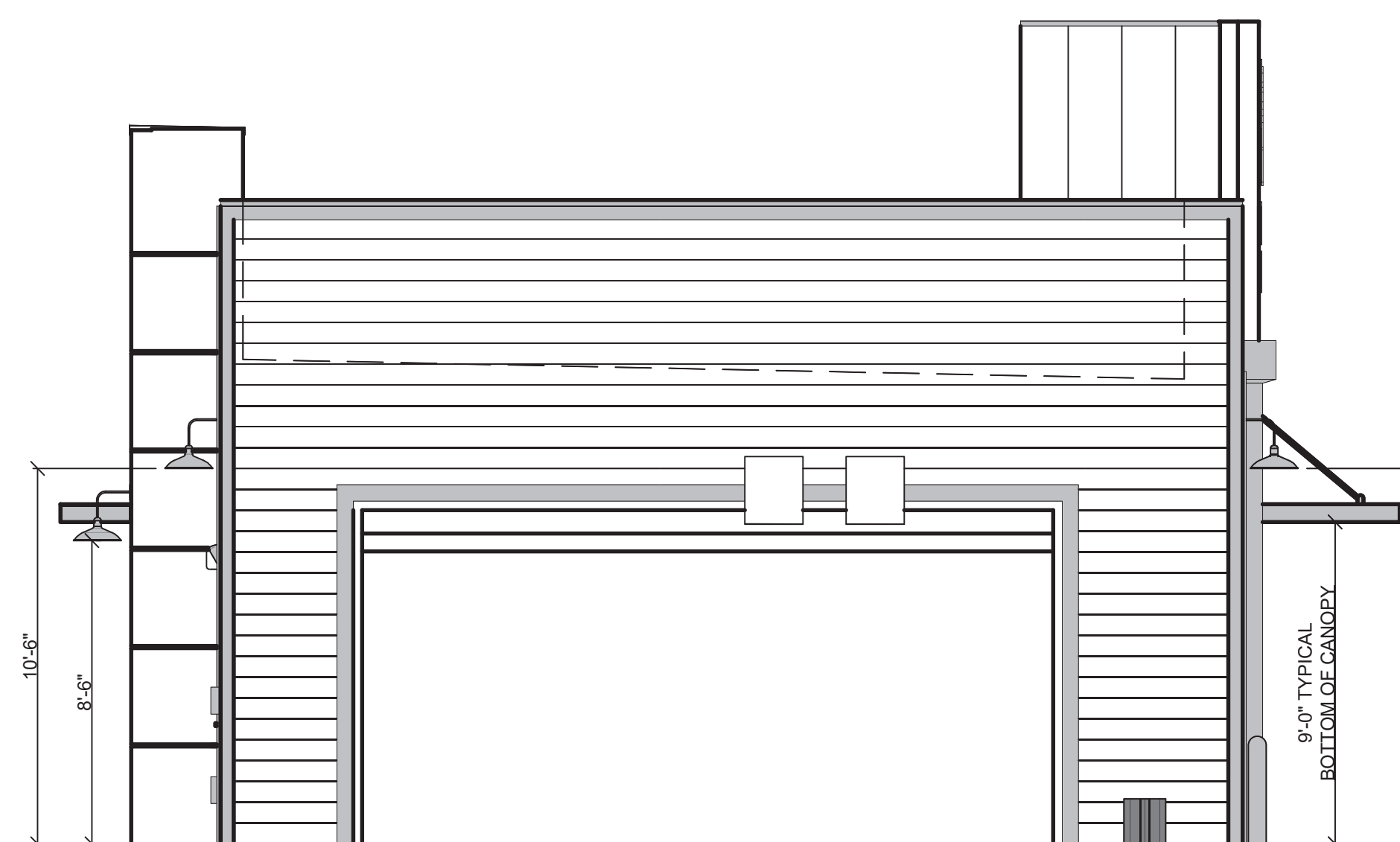
RIGHT SIDE ELEVATION 1/4" = 1'-0" A



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 13/54.3.

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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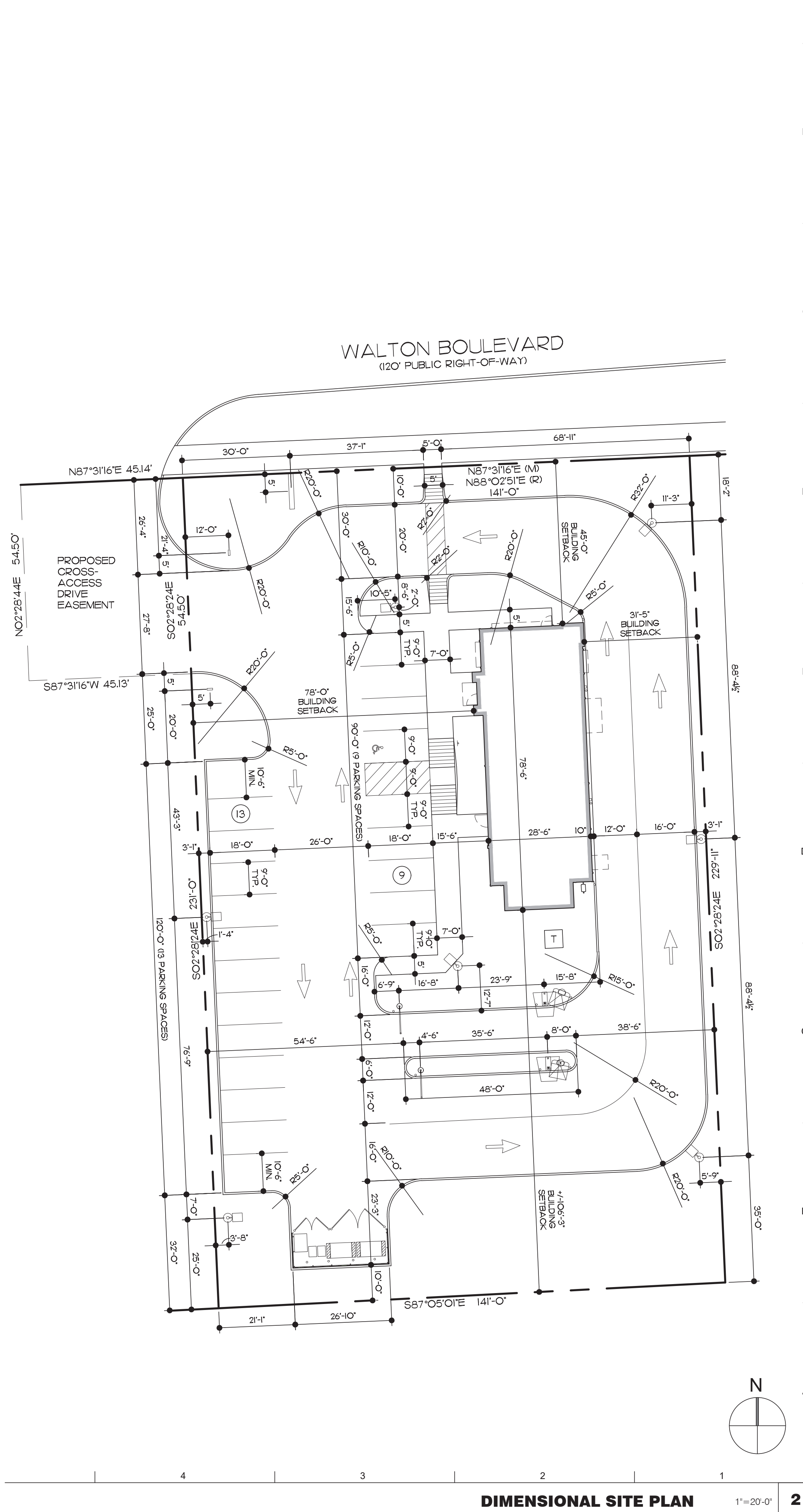
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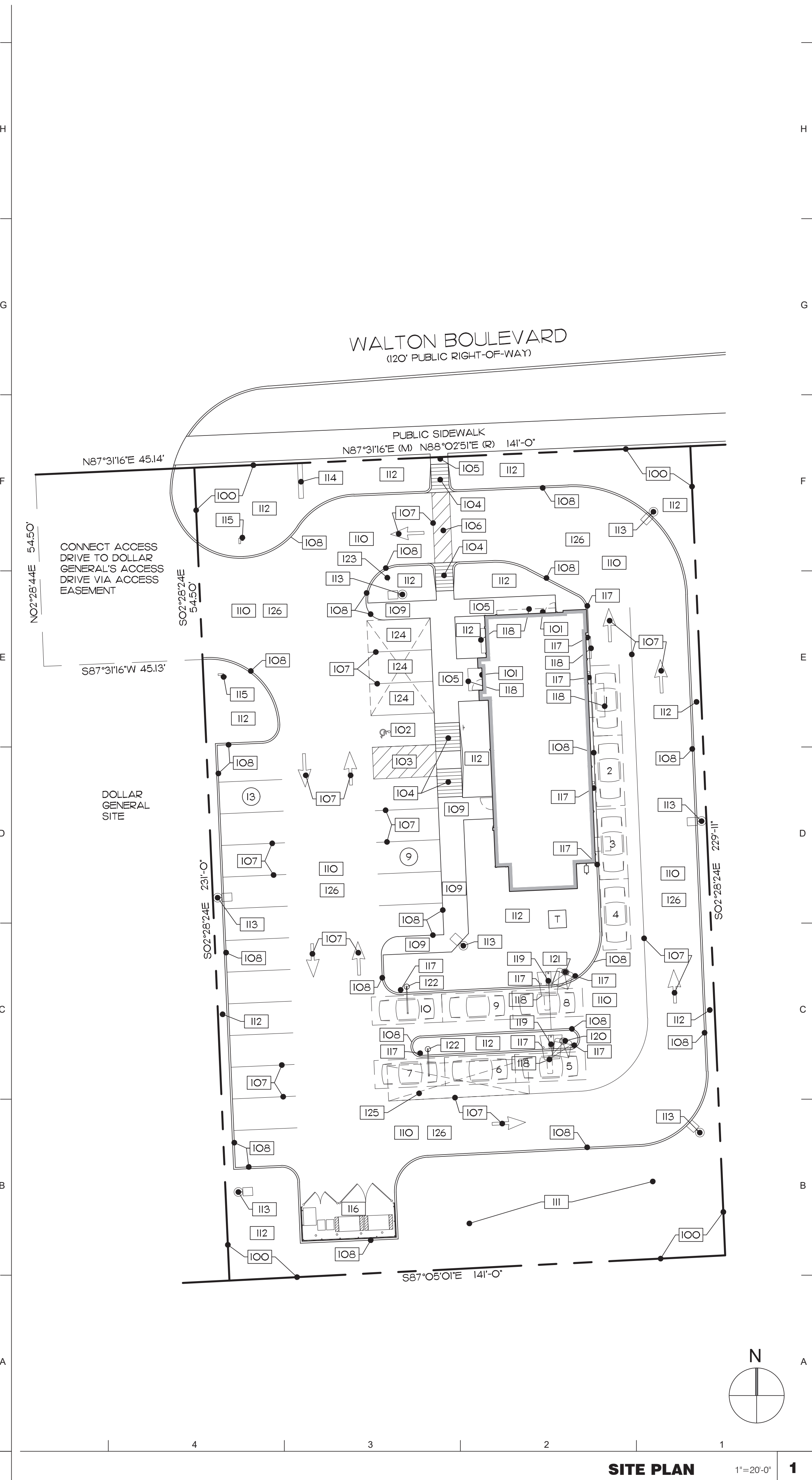
ENDEAVOR 2.0
CANOPY/AWNING
BLOCKING
ELEVATIONS

S5.0

PLOT DATE: 8/15/2022



DIMENSIONAL SITE PLAN 1"=20'-0" **2**



SITE PLAN 1"=20'-0" **1**

MID-BLOCK SITE

SITE INFORMATION
 SITE: +/- 32,495 SF (0.746 ACRES)
 SITE ZONING: C-3 (CORRIDOR MIXED USE DISTRICT)
 PROPOSED FRONT BUILDING SETBACK: 45 FEET
 PROPOSED BUILDING AREA: 2,204 SF
 PROPOSED BUILDING OCCUPANT LOAD: 50
 OUTDOOR SEATING AREA: 0 SF
 SEAT COUNT: 20 INT (0 EXT)
 PROPOSED DRIVE-THRU STACK: 10
 REQUIRED DRIVE-THRU STACK: 8
 PROPOSED PARKING SPACES: 22
 REQUIRED MIN. PARKING SPACES: 22
 REQUIRED B.F. PARKING SPACES: 1

- 100. PROPERTY LINE
- 101. ACCESSIBLE ENTRY SIGNAGE
- 102. VAN ACCESSIBLE PARKING STALL WITH SIGNAGE - 2% MAX. SLOPE IN ANY DIRECTION
- 103. ACCESSIBLE AISLE - FULLY STRIPED - 2% MAX. SLOPE IN ANY DIRECTION
- 104. ACCESSIBLE CURB RAMP - 8.3% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 105. CONCRETE PAVED ACCESSIBLE PATH OF TRAVEL - 5% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 106. ACCESSIBLE CROSS WALK - FULLY STRIPED - 5% MAX. RUNNING SLOPE, 2% MAX. CROSS SLOPE
- 107. PAINTED PARKING STRIPING PER CITY OF PONTIAC STANDARDS
- 108. 6" HIGH CONCRETE CURB
- 109. CONCRETE SIDEWALK
- 110. CONCRETE PAVEMENT
- 111. LANDSCAPE AREA PROPOSED FOR STORM WATER RETENTION
- 112. LANDSCAPE AND IRRIGATION AREA
- 113. SITE LIGHT POLE WITH CONCRETE BASE
- 114. MONUMENT SITE SIGN (V-02.52)
- 115. TACO BELL DIRECTIONAL SIGN (V-03)
- 116. TRASH ENCLOSURE - 60" HIGH WOOD FENCE ENCLOSURE
- 117. CONCRETE FILLED STEEL PIPE BOLLARD
- 118. CANOPY
- 119. SPEAKER POST
- 120. MENU BOARD
- 121. FUTURE MENU BOARD FOOTING
- 122. CLEARANCE BAR
- 123. DO-NOT ENTER TRAFFIC SIGN
- 124. DESIGNATED MOBILE PICK-UP SPACE WITH SIGNAGE
- 125. 10'X40' LOADING ZONE WITH 14' MIN. O.H. CLEARANCE
- 126. DESIGNATED FIRE LANE

SITE PLAN KEY NOTES N.T.S. **A**



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 PROJECT # 21017

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CONTRACT DATE:
 BUILDING TYPE:
 PLAN VERSION:
 BRAND DESIGNER:
 SITE NUMBER: 315286
 STORE NUMBER:
 PA/PM:
 DRAWN BY.:
 JOB NO.:

GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0 SITE PLAN

A0.5

PLOT DATE: 8/15/2022



LIGHTING PROPOSAL LD-155555
TACO BELL
PONTIAC, MI
DATE: 3/28/22 REV: SHEET 1 OF 1

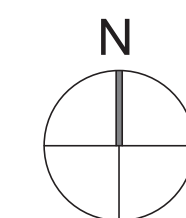
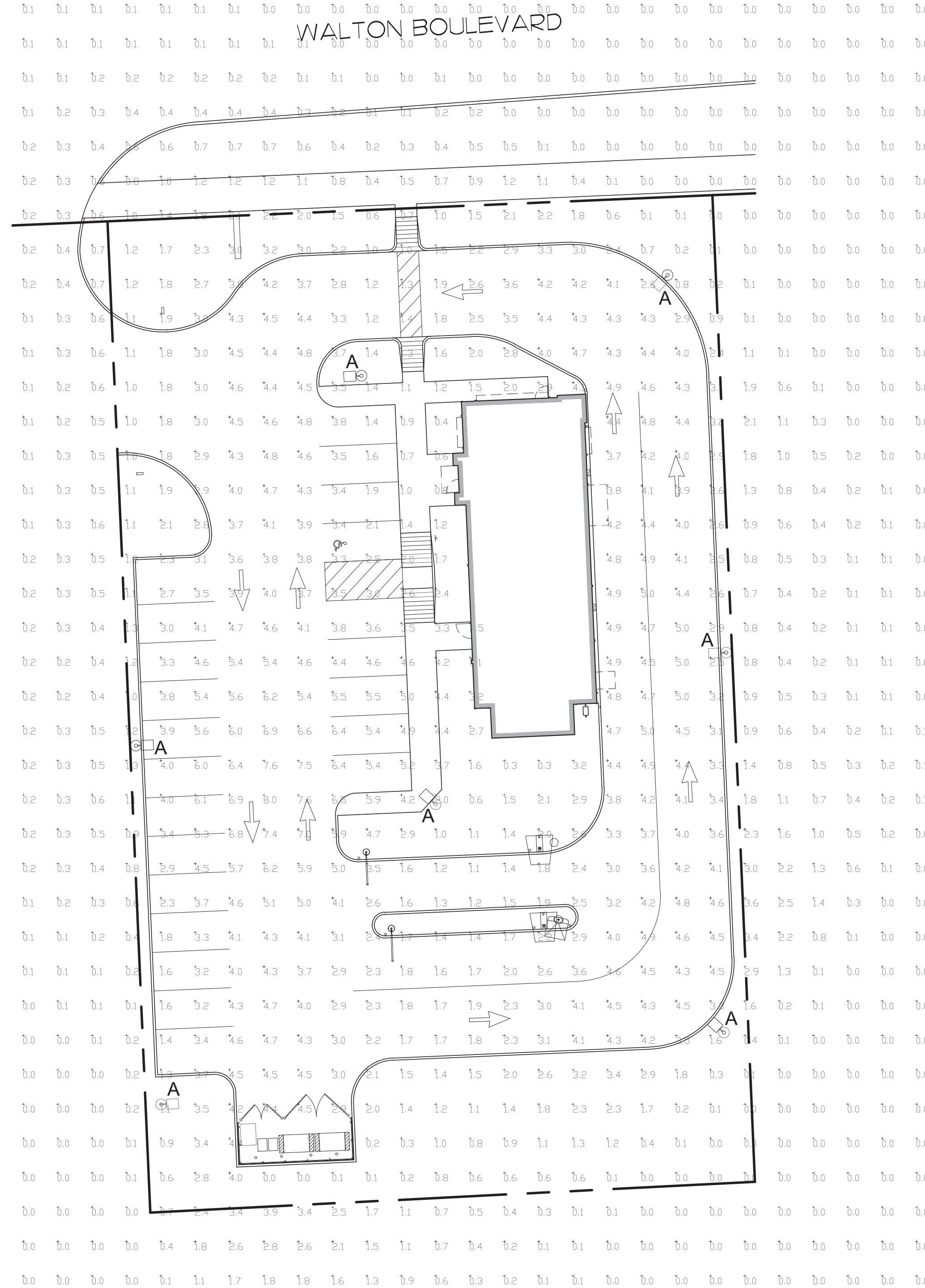
Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

TOTAL PROJECT WATTS = 1232

Luminaire Schedule										
Symbol	Qty	Label	Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts	
☐	7	A	SINGLE	MRM-LED-24L-SIL-FT-50-70CRI-IL-SINGLE-25' MH	1.000	1.000	1.000	16436	176	

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CALCULATION POINTS AT GRADE	Illuminance	Fc	1.62	8.0	0.0	N.A.	N.A.
PARKING AND DRIVING SUMMARY	Illuminance	Fc	3.78	8.0	1.0	3.78	8.00



PHOTOMETRIC SITE PLAN 1"=20'-0" 1



SITE LIGHT FIXTURE IMAGE N.T.S. A



L + A
ARCHITECTS
INC. A.I.A.
441 S. LIVERNOIS ROAD
SUITE 265
ROCHESTER HILLS, MI 48307
PHONE: (248) 524-4700 FAX: (248) 524-9746
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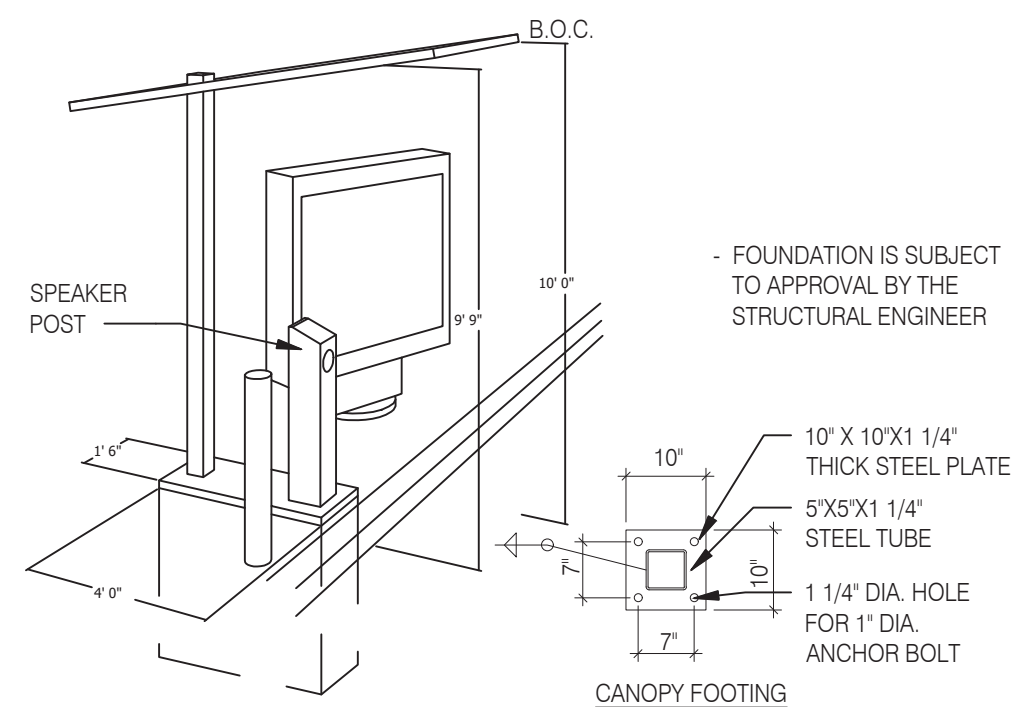
**GREAT LAKES
TACO, LLC**
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0
PHOTOMETRIC
SITE PLAN

A0.6

PLOT DATE: 8/15/2022

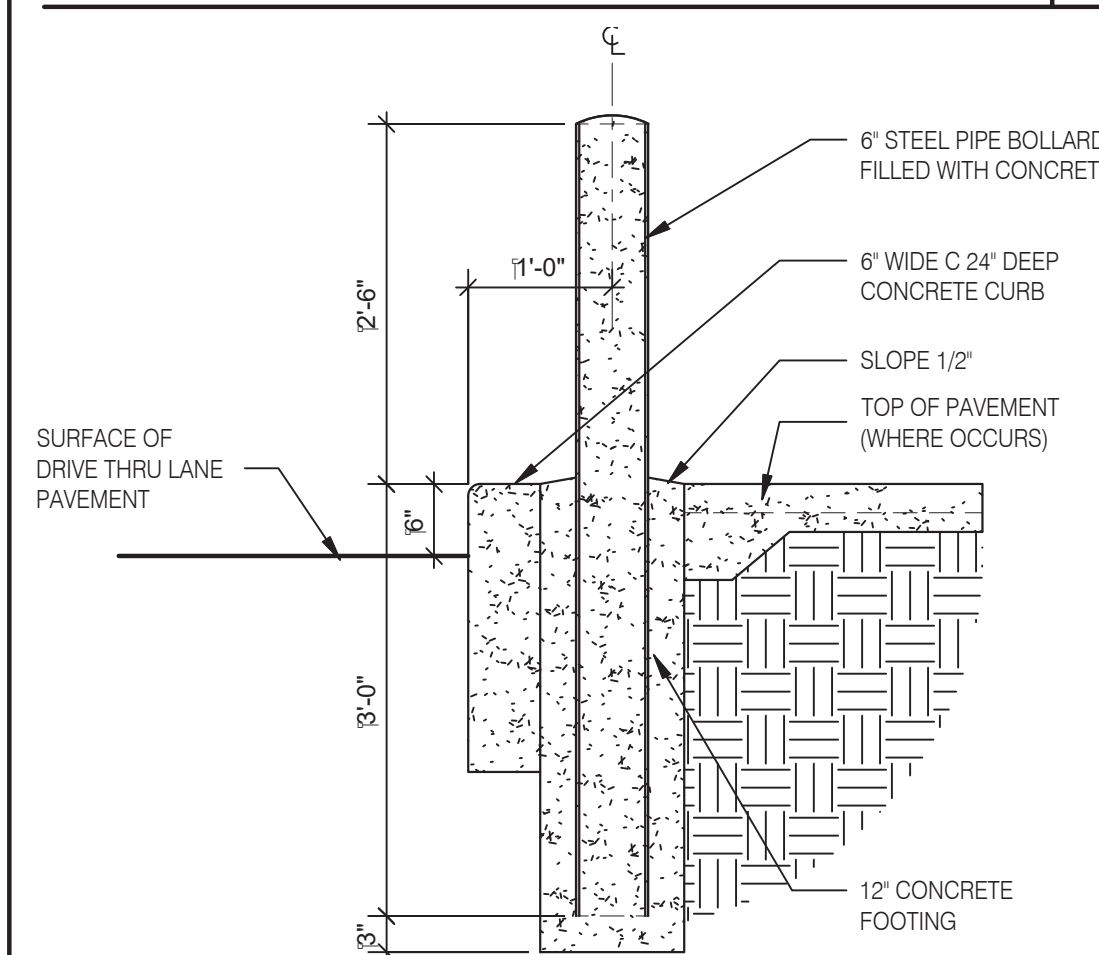


- NOTES**
1. ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT SPEAKER POST. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON SPEAKER POST.
 2. CENTER OF MB TO BE 5'-6" TO 9'-0" FROM DRIVERS POINT OF VIEW.
 3. PROVIDE (2) 1" CONDUITS FROM BUILDING TO SPEAKER POST FOR LOW VOLTAGE WIRING

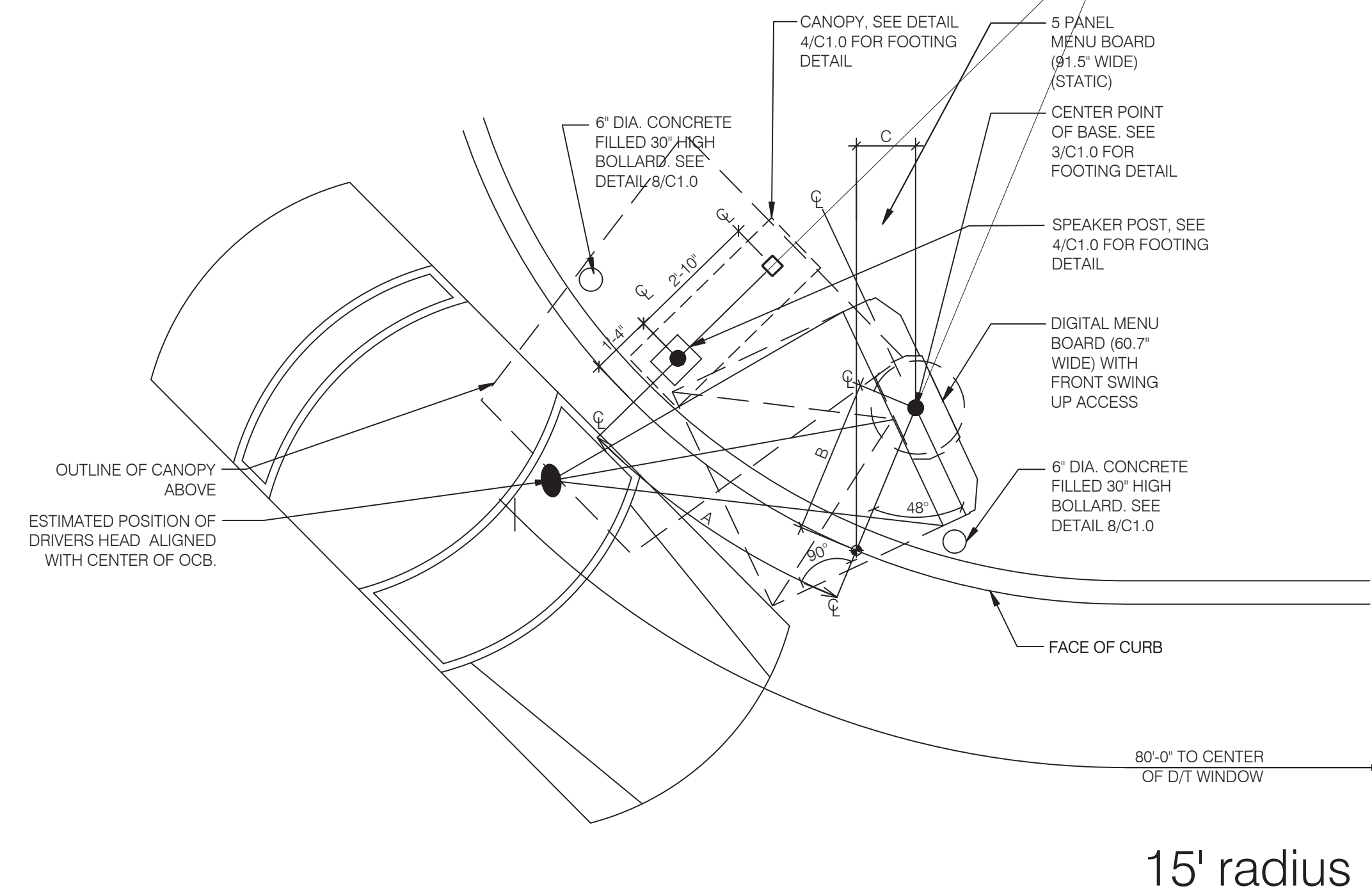
CORNER DIMENSIONS

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

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



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



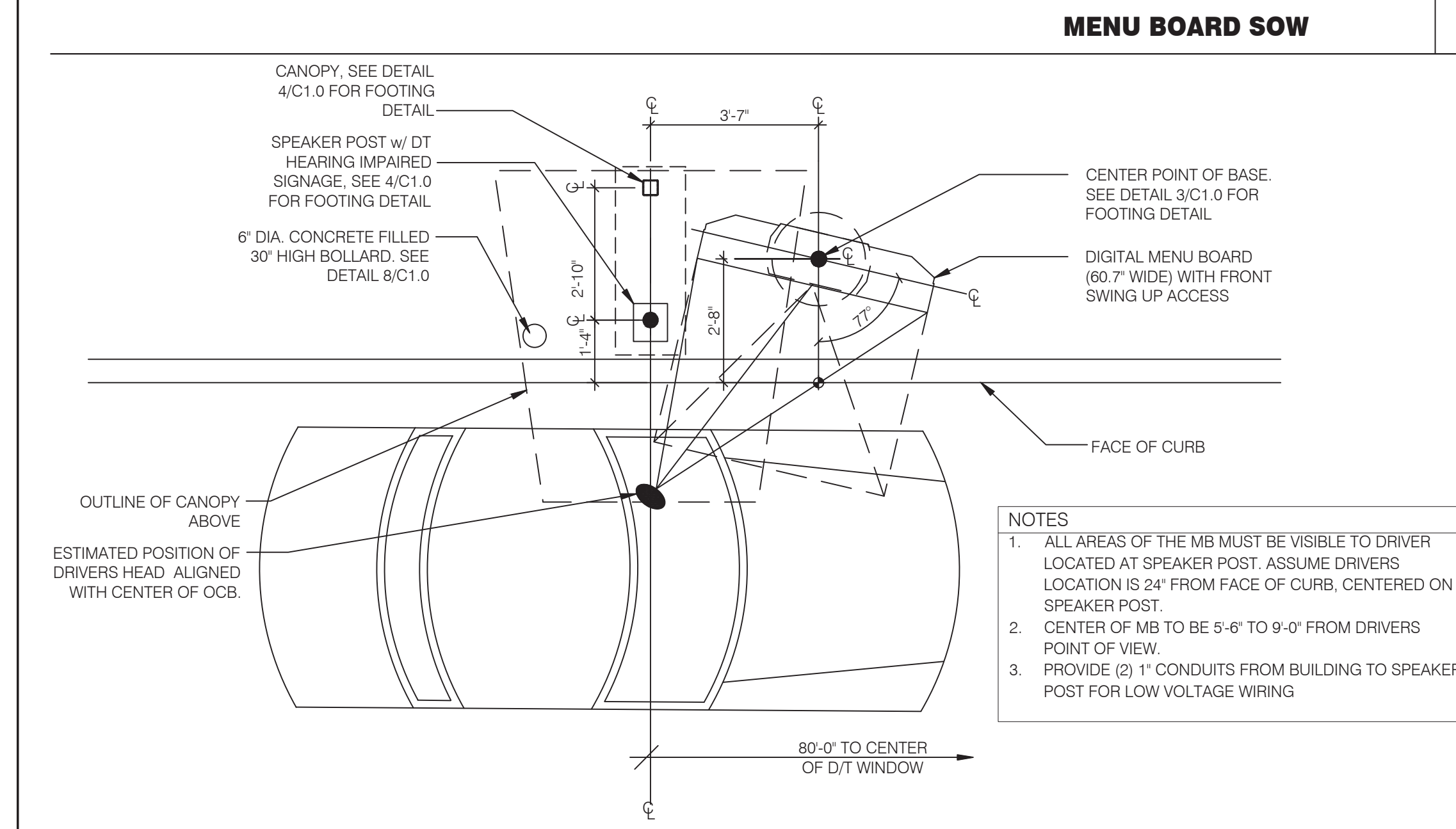
ENLARGED MENU BOARD DETAIL @ CURVED CURB 3/8" = 1'-0" **6**

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

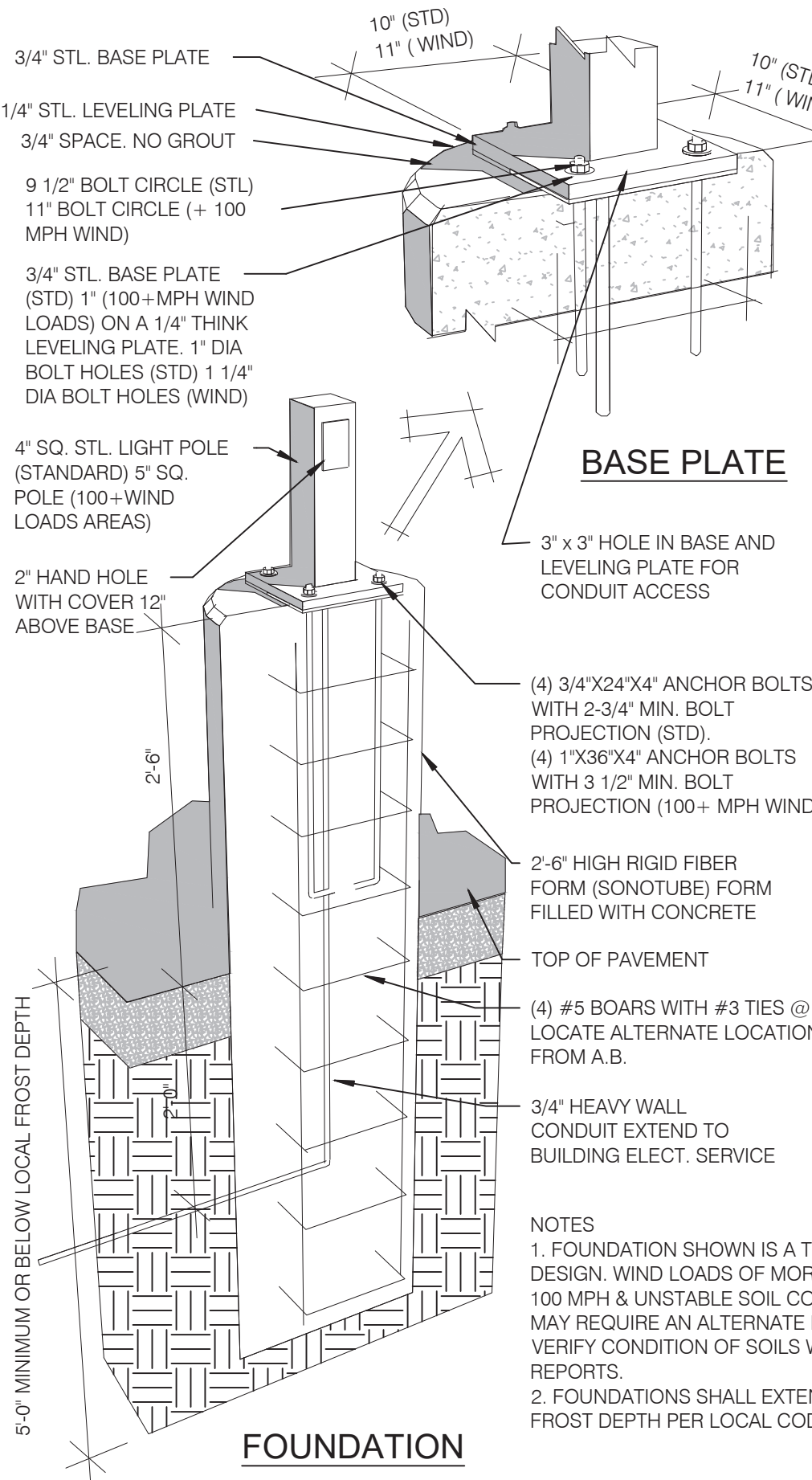
- JUST DMB INSTALL**
0. PERMITTING - SIGN VENDOR
 1. EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 2. TRENCHING/ CONDUIT - SIGN VENDOR
 3. FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 4. ANCHOR BOLTS - SIGN VENDOR
 5. DIGITAL MD INSTALL - SIGN VENDOR
 6. DMB CABLE PULL - SIGN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

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

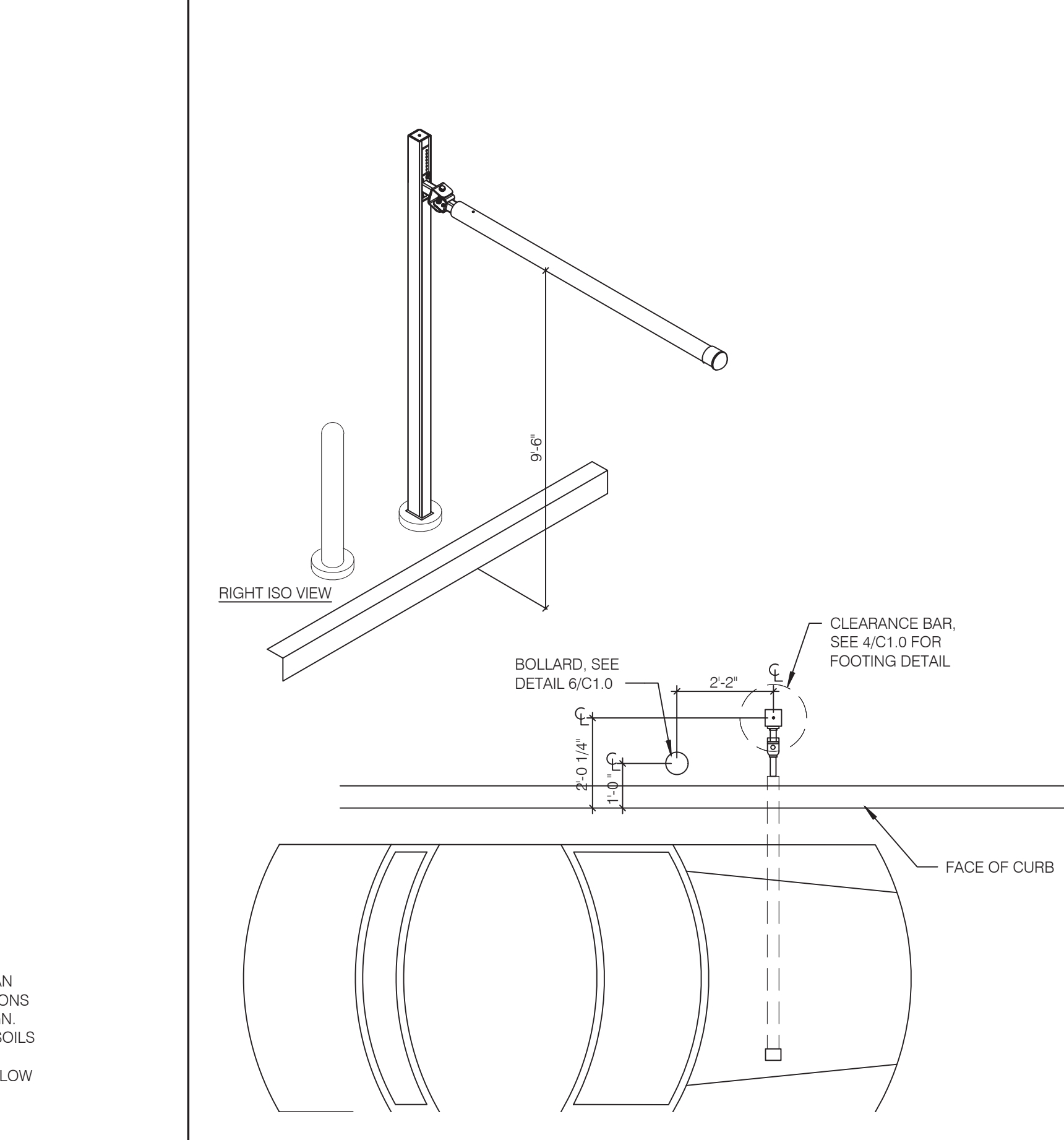
- REMODEL (SUCCESSOR MANDATORY - MIDTERM OPTIONAL FOR FZ)**
1. EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 2. TRENCHING/ CONDUIT - SIGN VENDOR
 3. FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 4. ANCHOR BOLTS - SIGN VENDOR
 5. DIGITAL MD INSTALL - SIGN VENDOR
 6. DMB CABLE PULL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



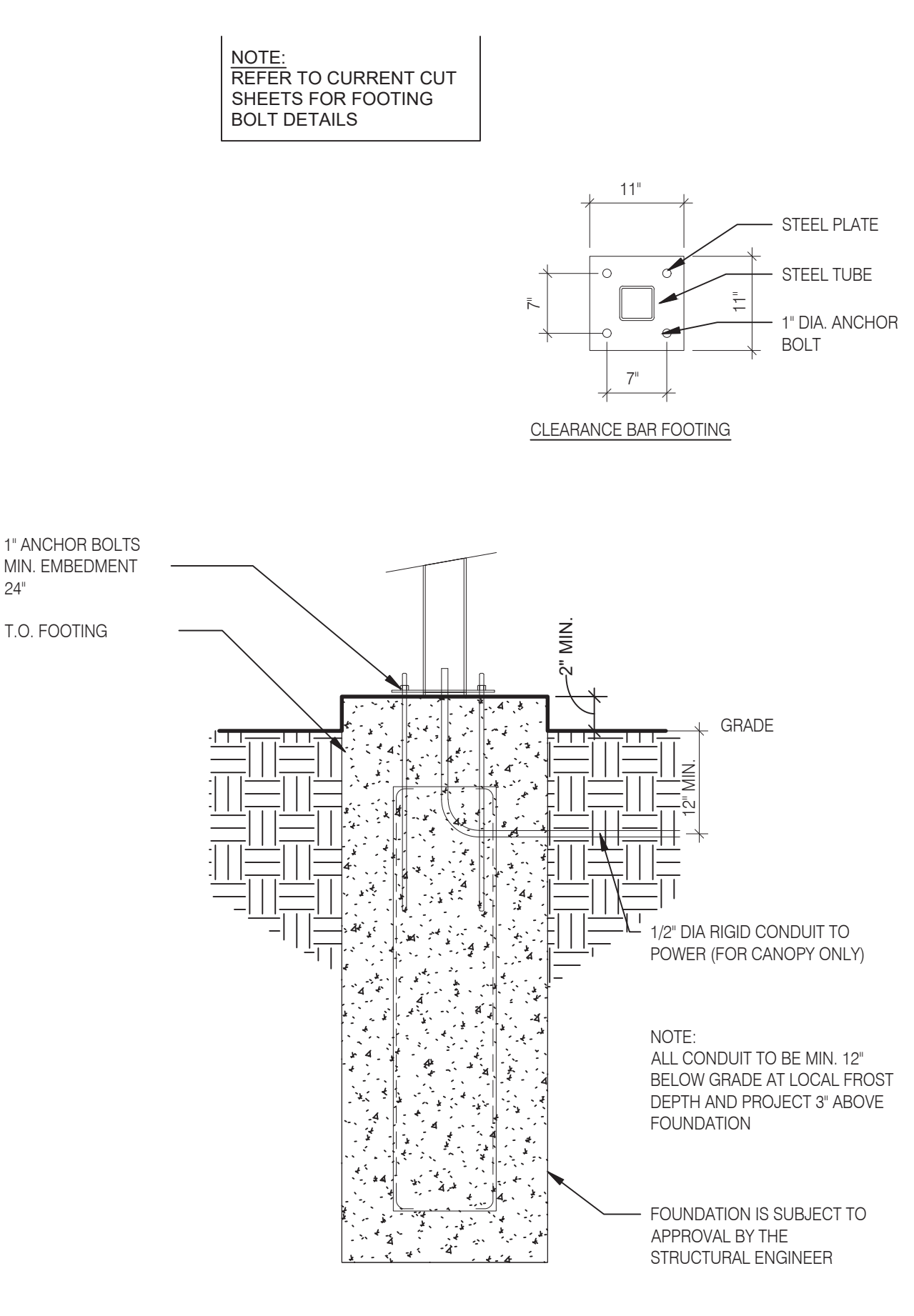
ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB 3/8" = 1'-0" **2**



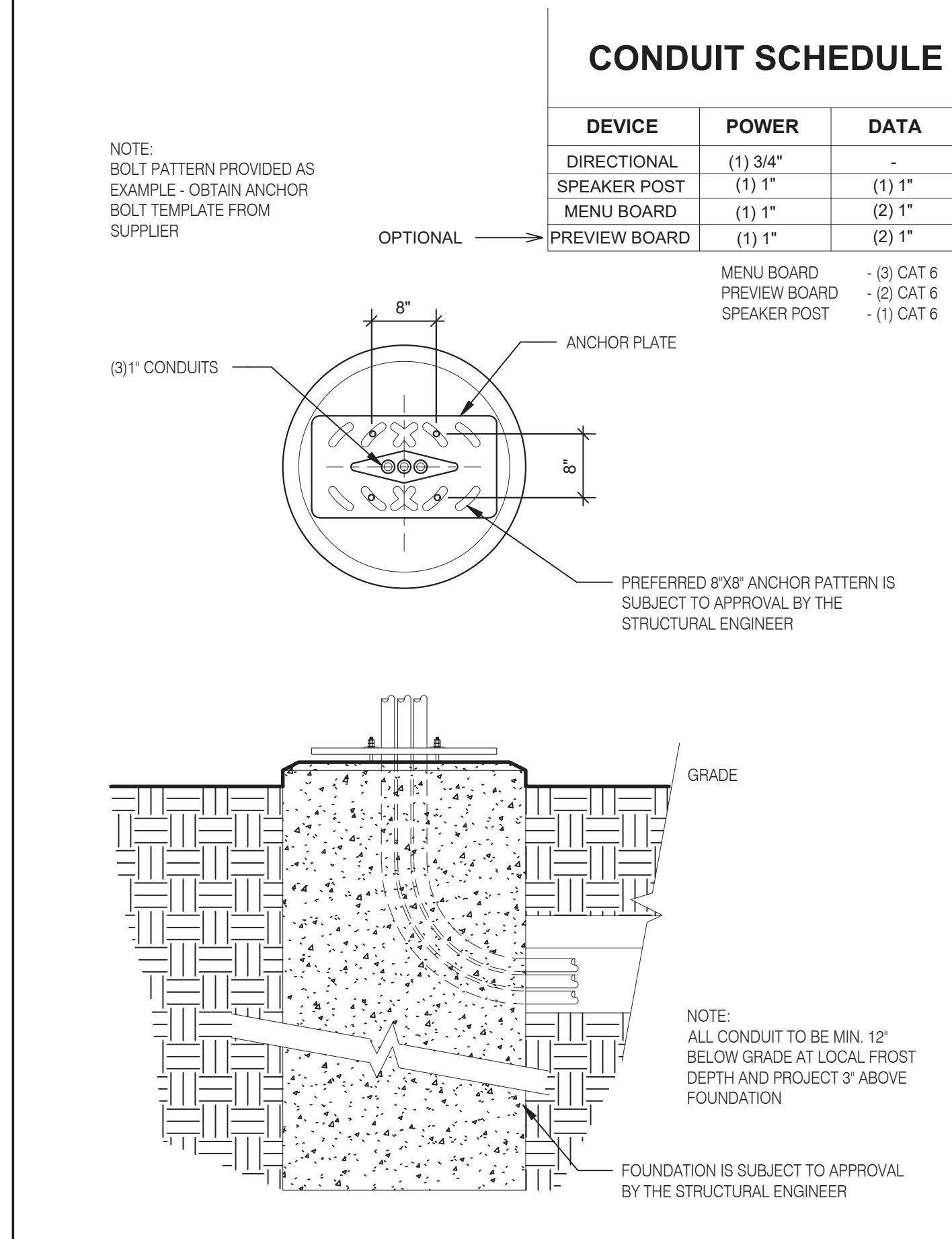
LIGHT POLE FOOTING N.T.S. **7**



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



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



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

CONDUIT SCHEDULE

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

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



L + A ARCHITECTS INC. A.I.A.
 441 S. LIVERNOIS ROAD SUITE 265
 ROCHESTER HILLS, MI 48307
 PHONE (248) 524-4700 FAX (248) 524-9746
 PROJECT # 21017

DATE	REMARKS

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 PLAN VERSION: MARCH 2021
 BRAND DESIGNER:
 SITE NUMBER: 315286
 STORE NUMBER:
 PA/PM:
 DRAWN BY:
 JOB NO.:

GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340

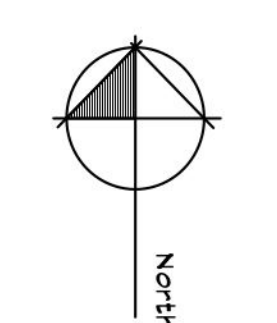
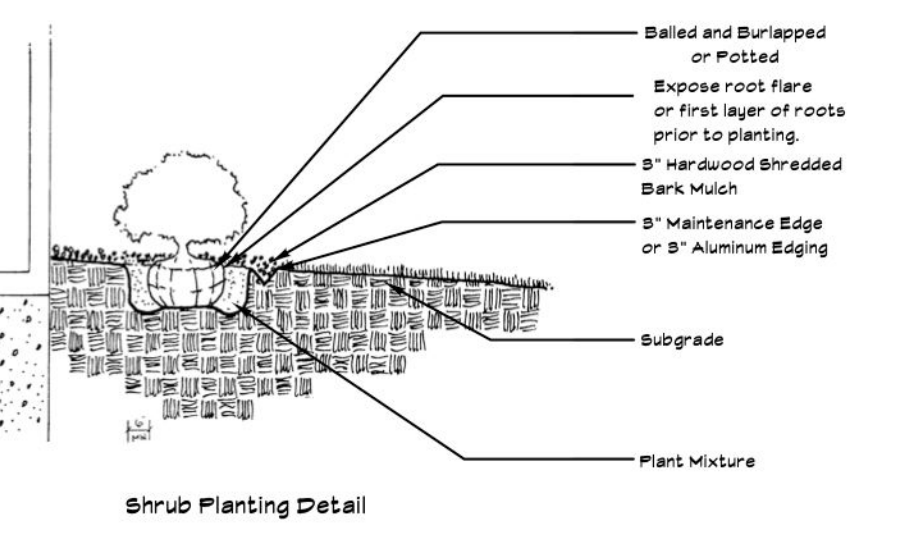
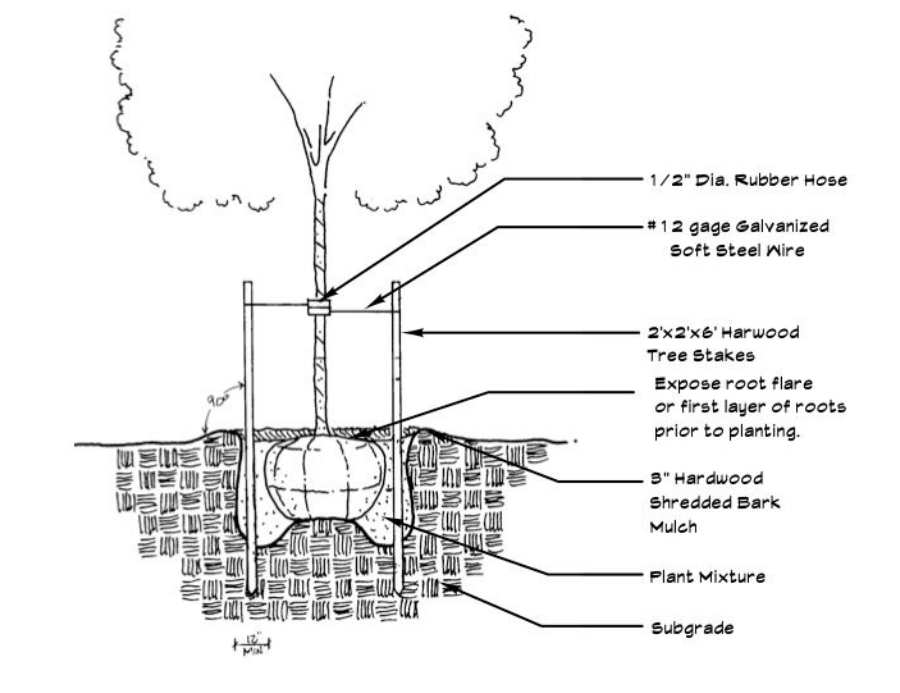
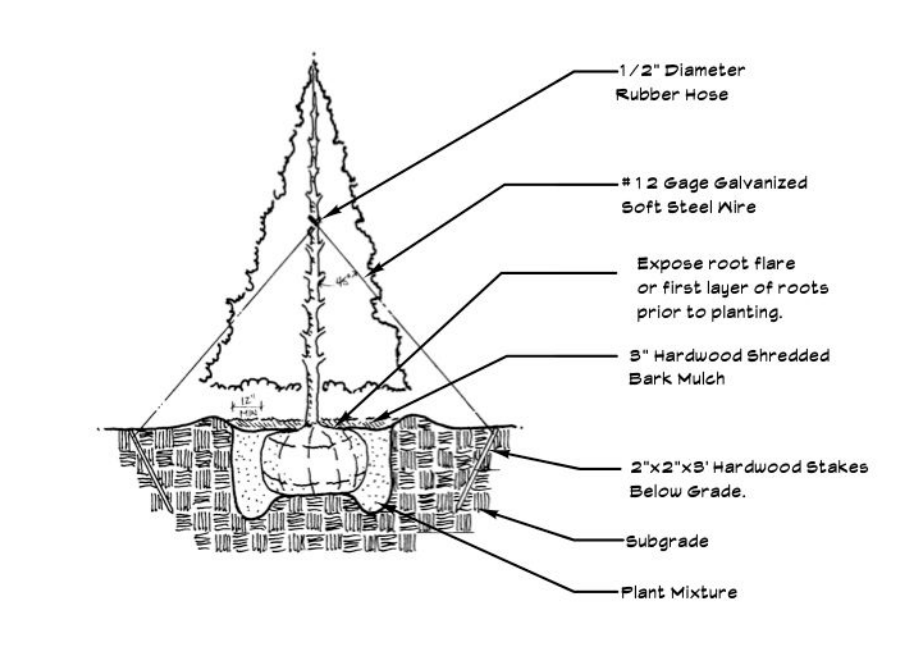
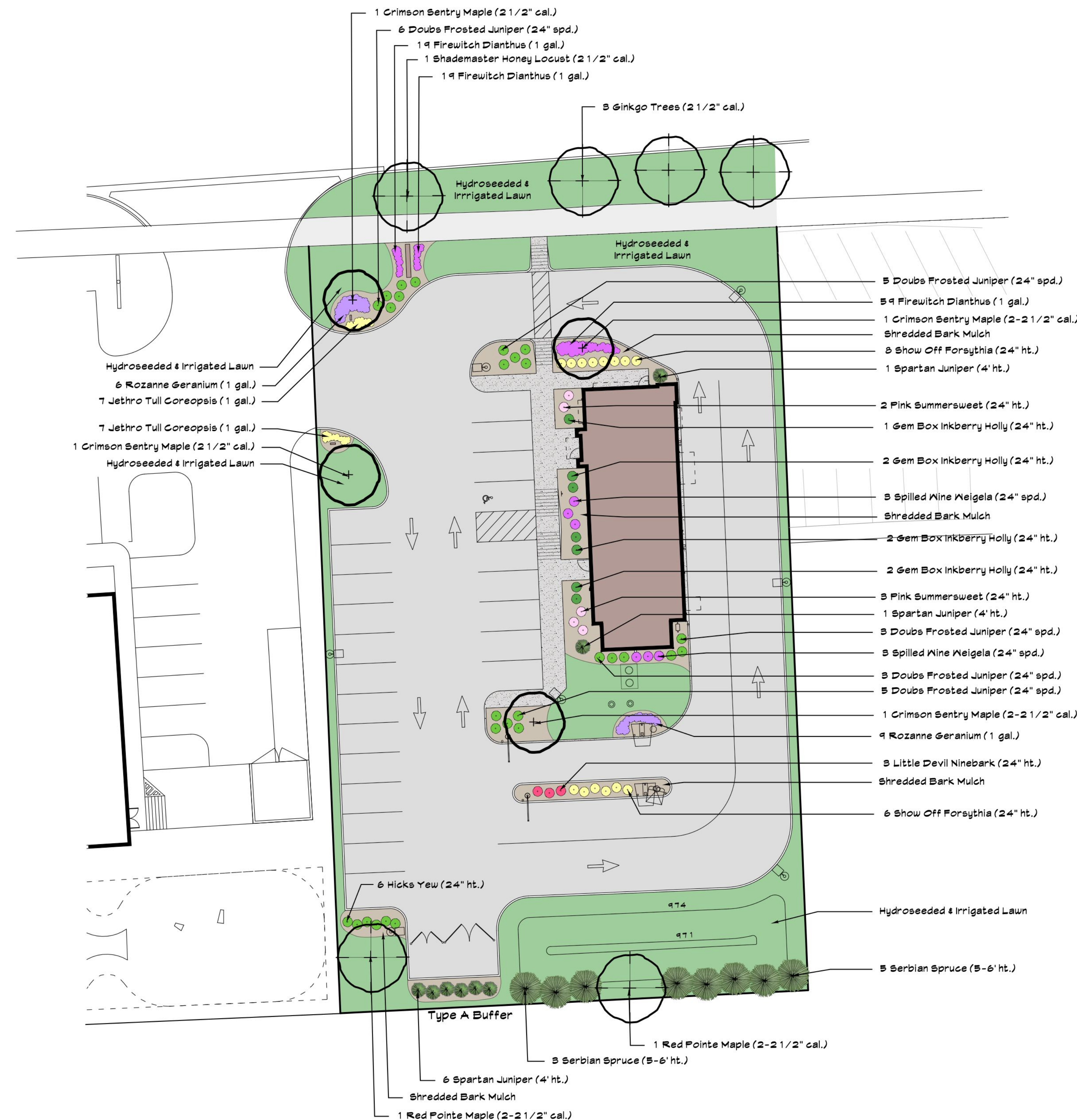


ENDEAVOR 2.0 SITE DETAILS

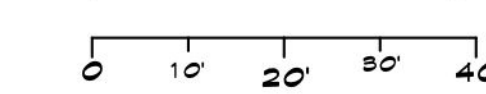
C1.0

PLOT DATE: 8/15/2022

BIM 2021/08/15/2022-00_Taco Bell Endeavor 2.00275_ARCH_MECO.dwg



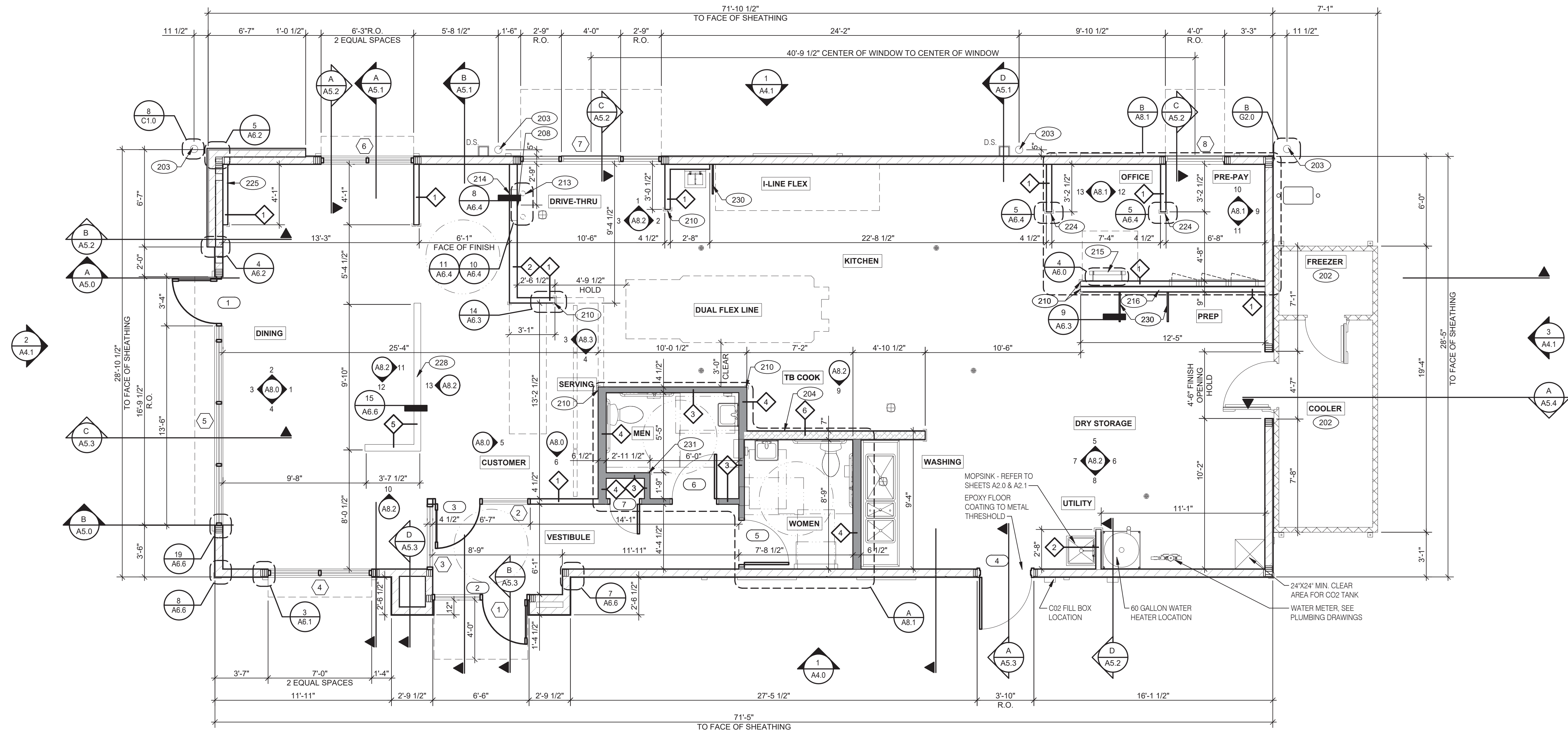
Landscape Plan
(scale: 1"=20')



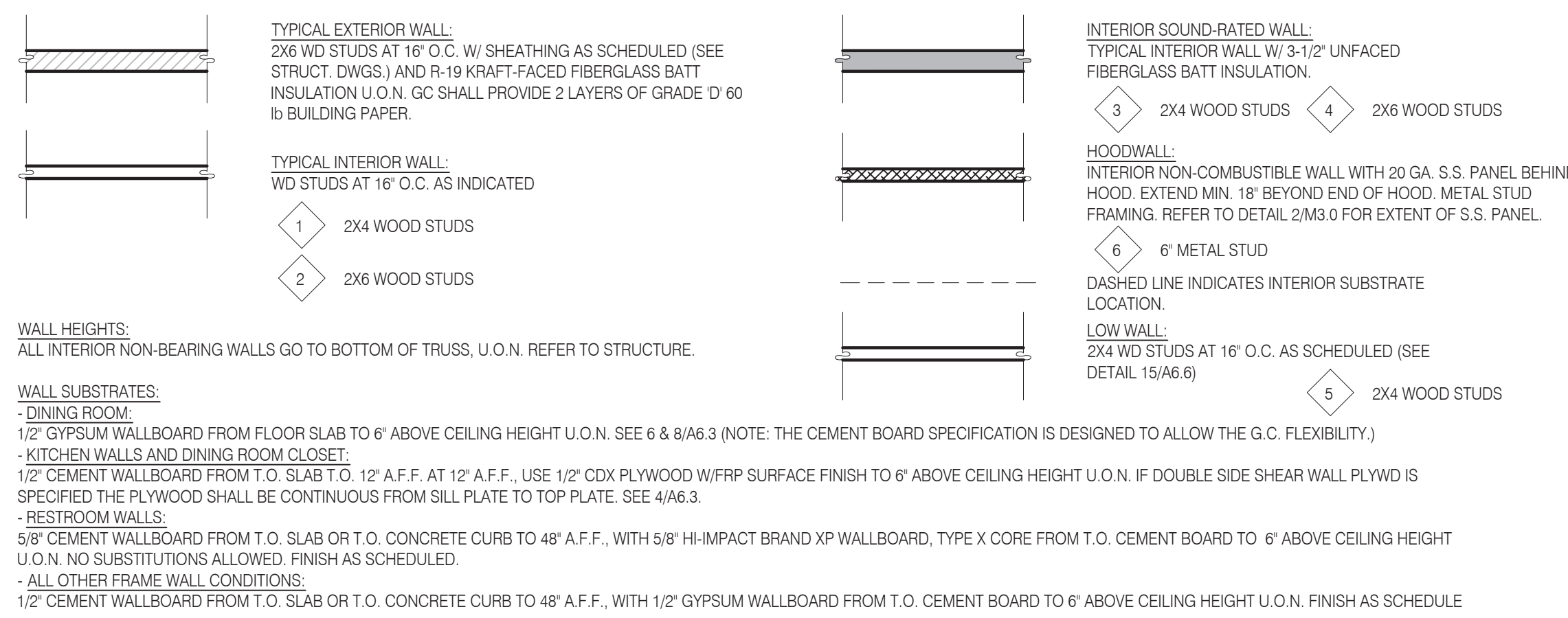
- Notes:**
- All landscaping shall be installed by a qualified Landscape Contractor. Plant sizes specified on the landscape plan shall be the size planted. Plants smaller than specified will be rejected. Substitutions of any kind must be approved by the Landscape Architect.
 - All plantings shall be mulched with 3" shredded premium hardwood bark mulch. Trees in lawn areas shall receive a 6' diameter bark ring 3" deep.
 - The landscape contractor shall remove any twine that is wrapped around the trunk of a tree or shrub as well as the top third of any burlap. Remove excess soil on the top of the root ball to expose the root flare or first layer of roots prior to planting. Use a wire cutter to make 3-5 cuts in the wire basket to allow roots to grow through.
 - When planting trees in the lawn area or on the berm the existing soil within a 10 foot diameter shall be loosened by tilling or similar and amended with composted manure or peat at a depth of 6-12".
 - Planting areas shall be edged with a mechanical bed edger to define a border for the shredded bark mulch.
 - Parking islands shall be back filled with at least 24" 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 hydroseeded. Check with specifications for topsoil availability or contact project manager. Topsoil for lawns shall be appropriate for growing and sustaining a healthy lawn. All lawns shall be hydroseeded with a seed blend consisting of 30% Kentucky Bluegrass, 20% Perennial Ryegrass, 10% Hard Fescue, 20% Creeping Red Fescue and 20% Chewings Fescue.
 - All lawn and shrub bed areas shall be watered by an automatic irrigation system. The irrigation system shall be designed and installed by the Landscape Contractor. 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.
 - Plant materials shall be chosen and installed in accordance with standards recommended by the County Cooperative Extension Service or American Nursery Association.

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



WALL LEGEND **E**

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 / WAINSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

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

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

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

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

FLOOR PLAN NOTES **D**

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 S/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.

KEY NOTES **B**



L+A ARCHITECTS INC. A.I.A.
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 ROCHESTER HILLS, MI 48307
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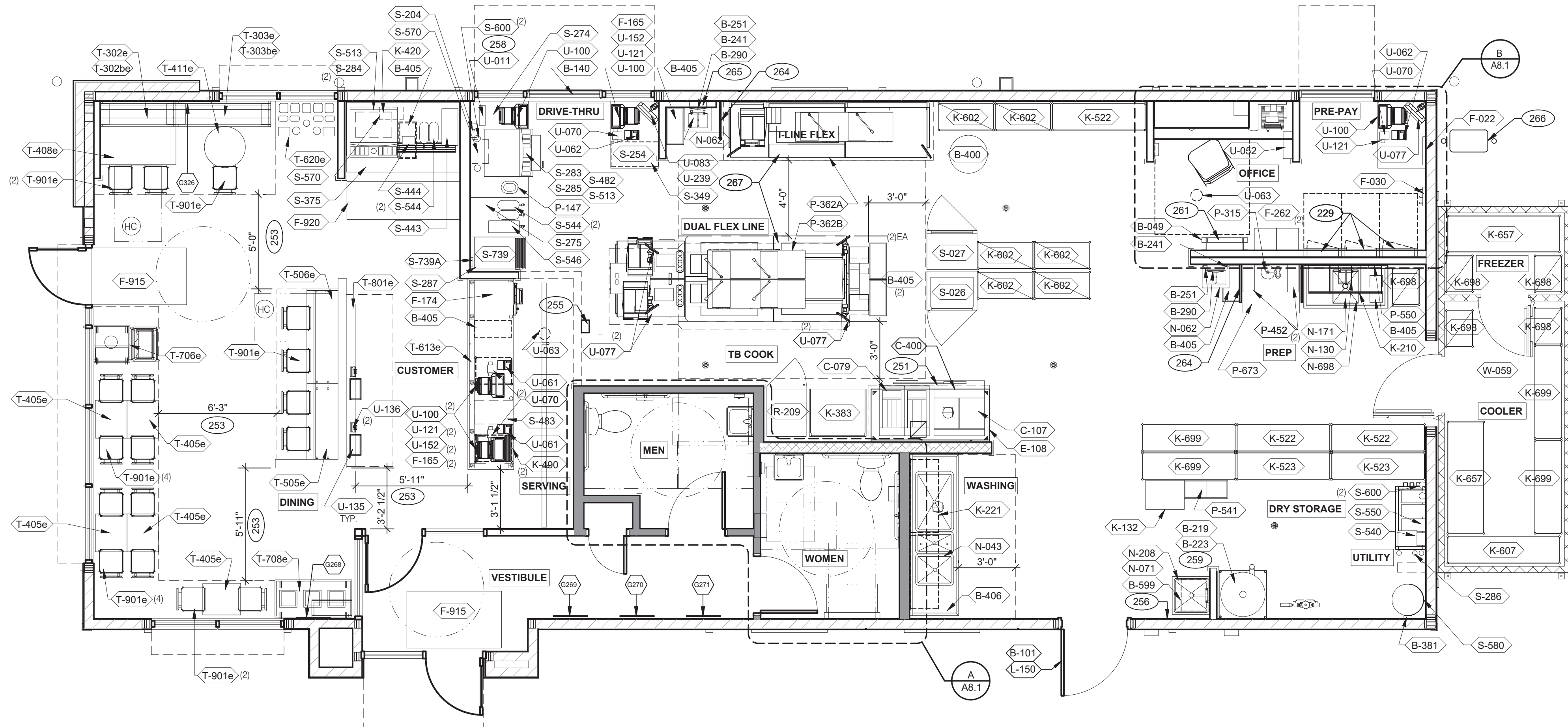
GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0 FLOOR PLAN

A1.0

PLOT DATE: 8/15/2022



NTD:
 OPTIONAL: ROLL-A-SHADE INFINITY SYSTEM
 MATERIAL: SHEERWEAVE 2390 5% CHARCOAL
 FASCIA SYSTEM: DARK BRONZE

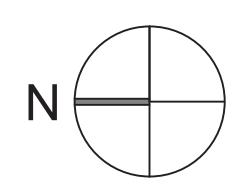
CONTACT - RIC BERG
 951.245.5077 EXT. 113
 RIC.BERG@ROLLASHADE.COM



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

TAG	QTY	ITEM DESCRIPTION
T-105	5	RETRO CHAIR - 18
T-302be	1	BENCH BACK REST - 60"
T-302e	1	BENCH SEAT - 48"
T-303be	1	BENCH BACK REST - 60"
T-303e	1	BENCH SEAT - 60"
T-405e	5	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP
T-408e	1	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-411e	1	SS TABLE - 24 DIA X 30 - 2 TOP
T-415	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
T-620e	1	CONDIMENT COUNTER - RECTANGLE
T-706e	1	WASTE ENCLOSURE - SINGLE
T-708e	1	WASTE ENCLOSURE - 3 STREAM

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

TAG	QTY	ITEM DESCRIPTION
T-801e	1	KIOSK 1/2 TOWER
T-901e	17	CHAIR - LAMINATE SEAT
T-903	4	BENCH SEAT - 48"
T-904	3	BENCH SEAT - 60"

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

ARTWORK SCHEDULE **D**

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

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

SHELVING QUANTITIES **C2**

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

KEY NOTES **B**

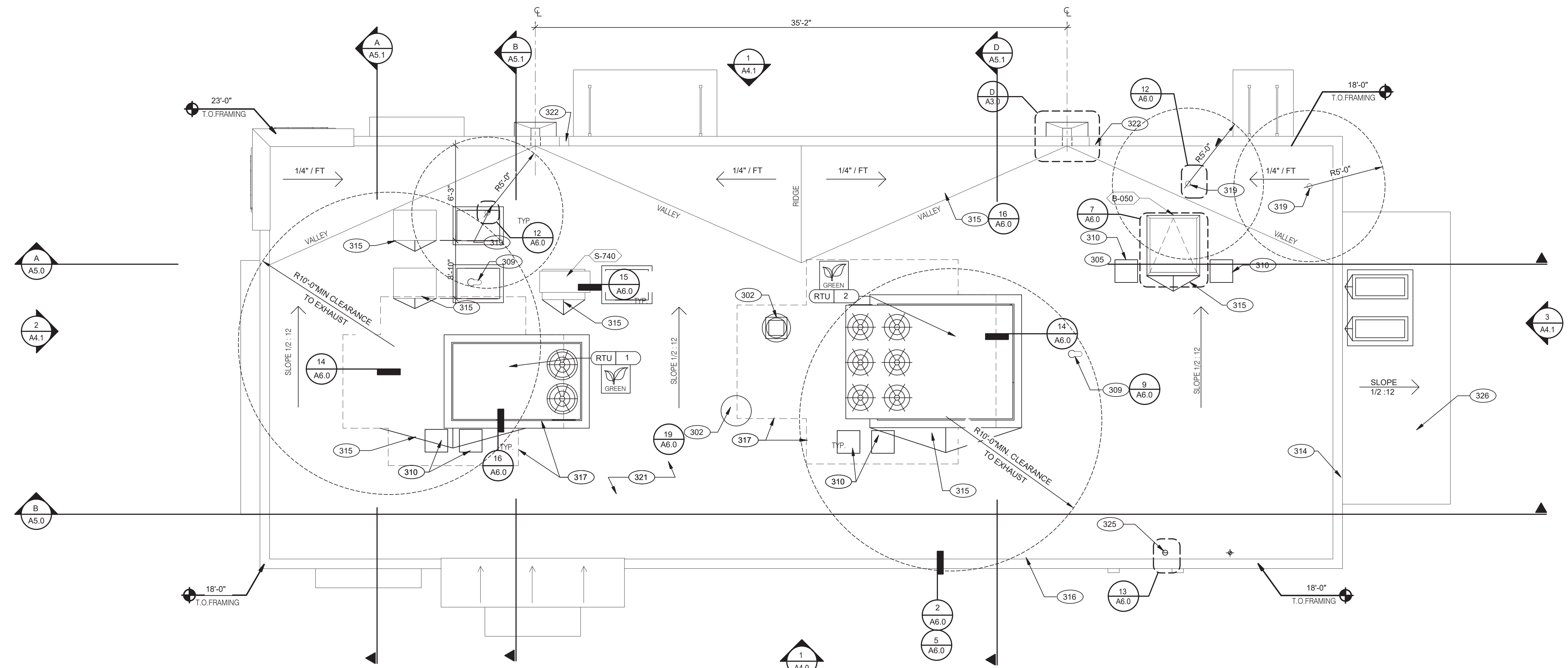
GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0 EQUIPMENT AND SEATING PLAN

A2.0

PLOT DATE: 8/15/2022



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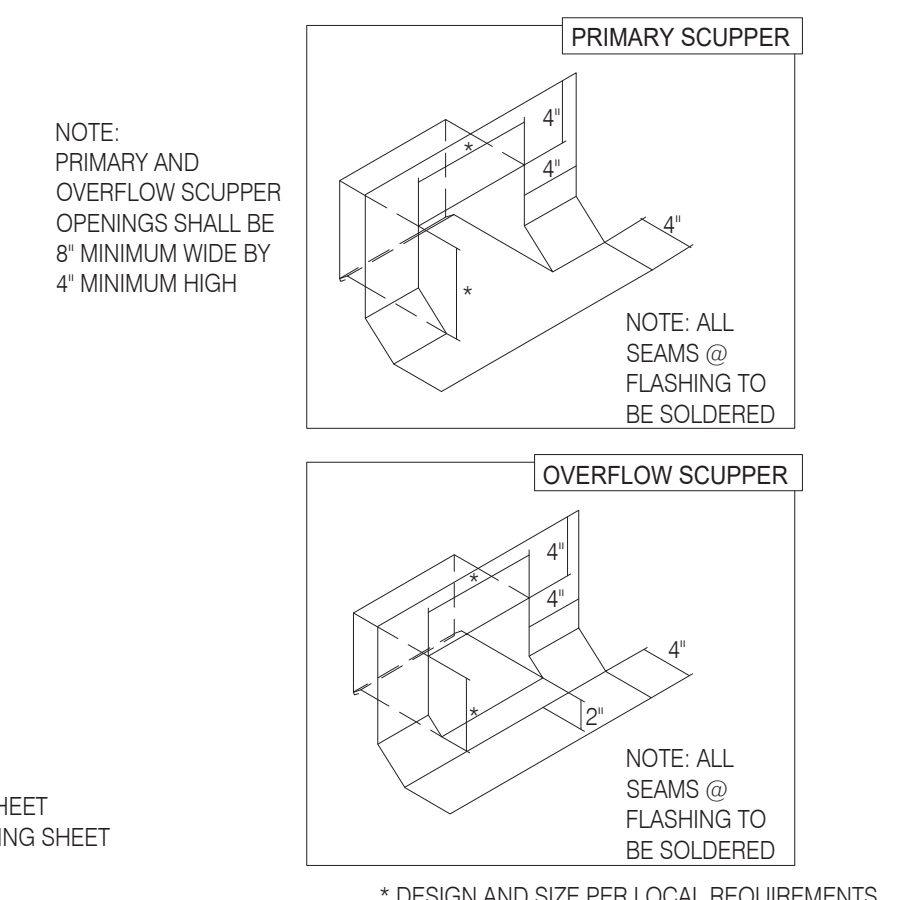
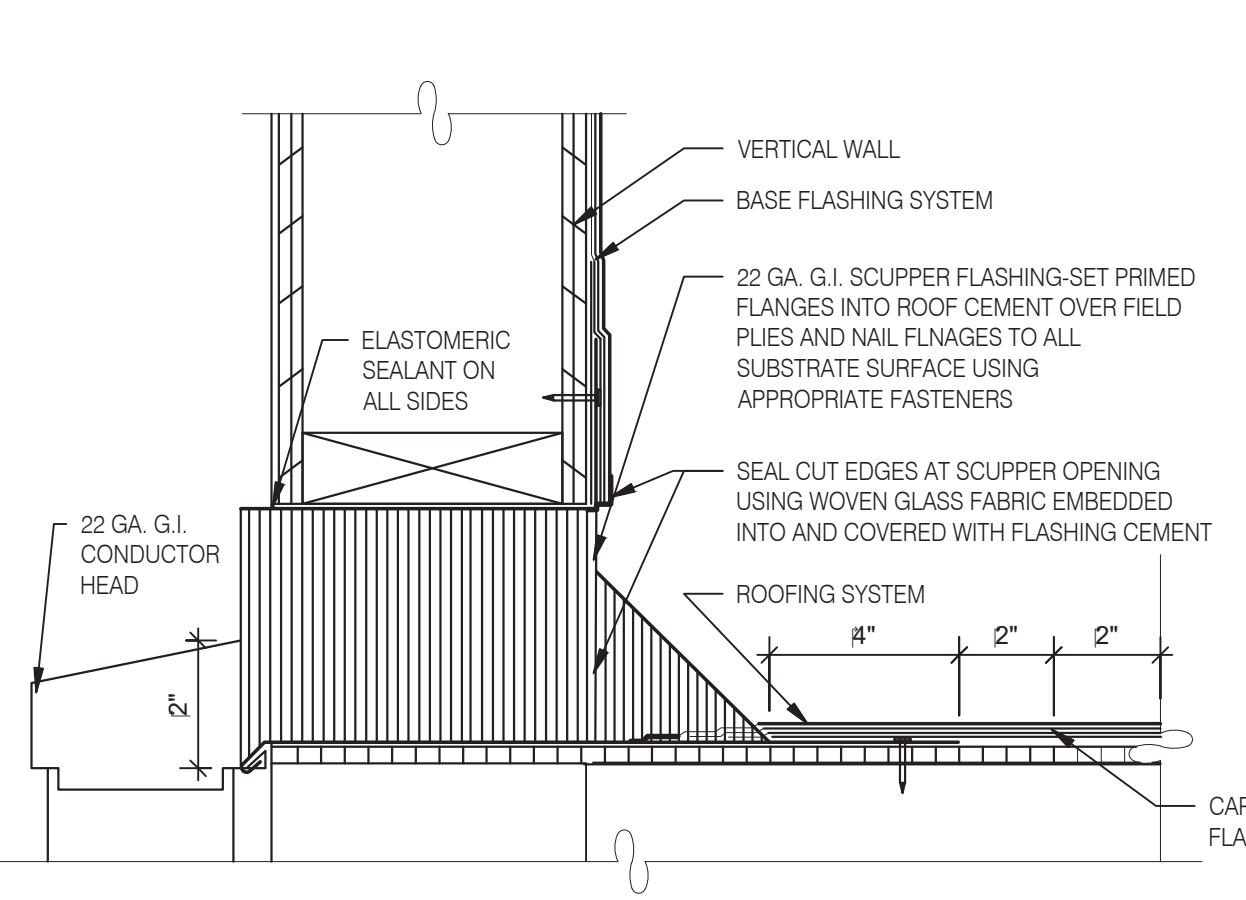


ENDEAVOR 2.0
ROOF PLAN

A3.0

PLOT DATE: 8/15/2022

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



SCUPPER FLASHING D

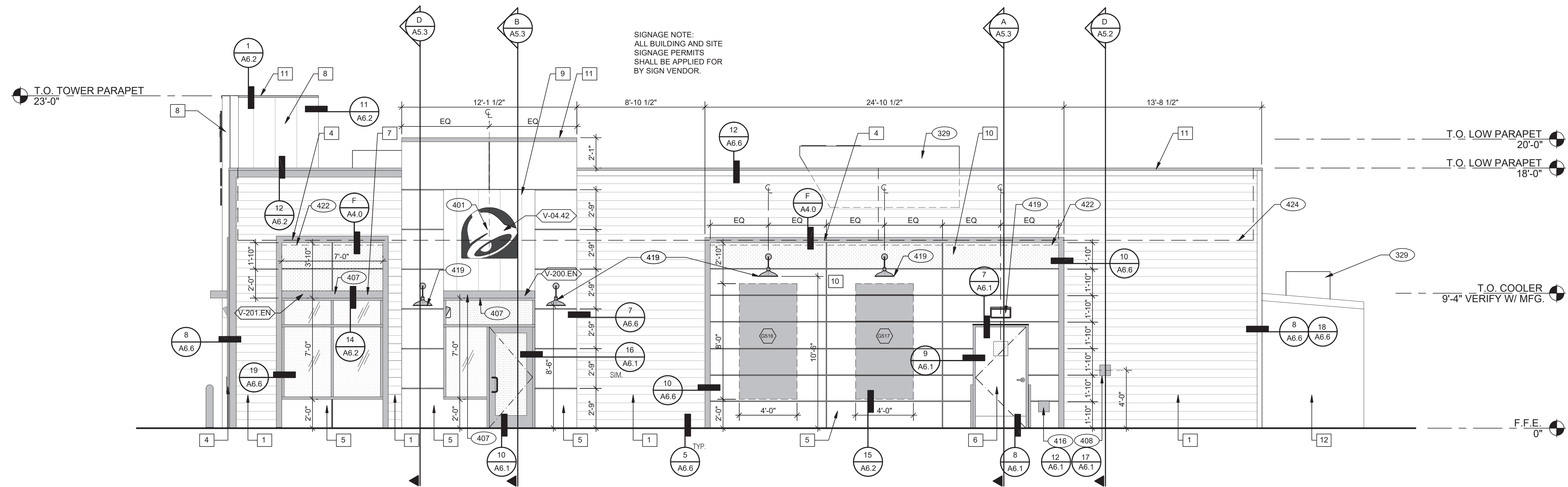
WATERPROOFING:
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
 D. SEE SPECIFICATIONS FOR SEALANT SPECS.
 E. ALL SHEETS MTL FLASHING SHALL BE 22 GA MIN.

MISCELLANEOUS:
 A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
 B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.
 C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF PLAN NOTES C

- 302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL.
- 305 ROOF HATCH.
- 309 PIPE HOOD FOR UTILITIES.
- 310 24x36 WALK MATS. SEE ROOF SPECS.
- 314 CHANGE IN PARAPET ELEVATION. SEE SECTION B/A5.0
- 315 ROOF CRICKET.
- 316 METAL PARAPET CAP.
- 317 MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE.
- 319 WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION.
- 321 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER MINIMUM R-40 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



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



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 PHONE (248) 524-4700 FAX (248) 524-9746
 PROJECT # 21017

DATE	REMARKS

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 DRAWN BY:.
 JOB NO.:

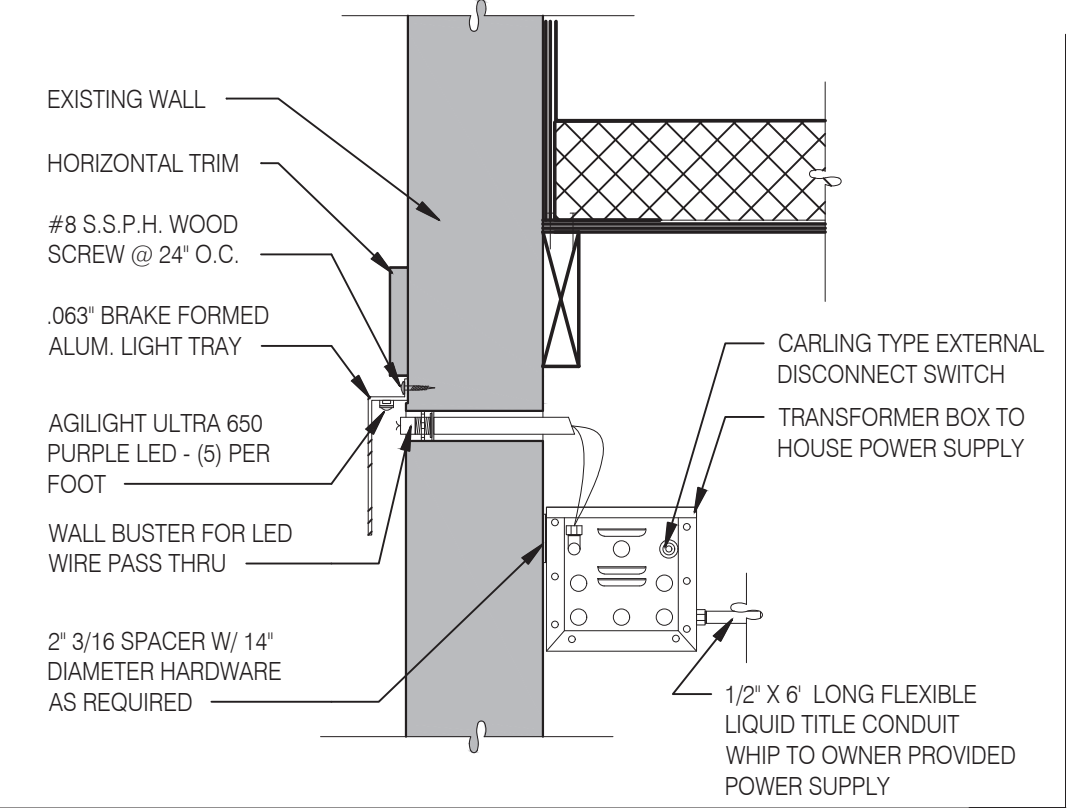
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ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.0

PLOT DATE: 8/15/2022



LED WALL WASHER DETAIL F

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

SIGNAGE E

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

GENERAL NOTES C

X	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
401	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
407	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
416	HYPNOTIZE ME BELL	D	M02	48x96	A4.1
419	HYPNOTIZE ME BELL	D	M02	48x96	A4.1

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

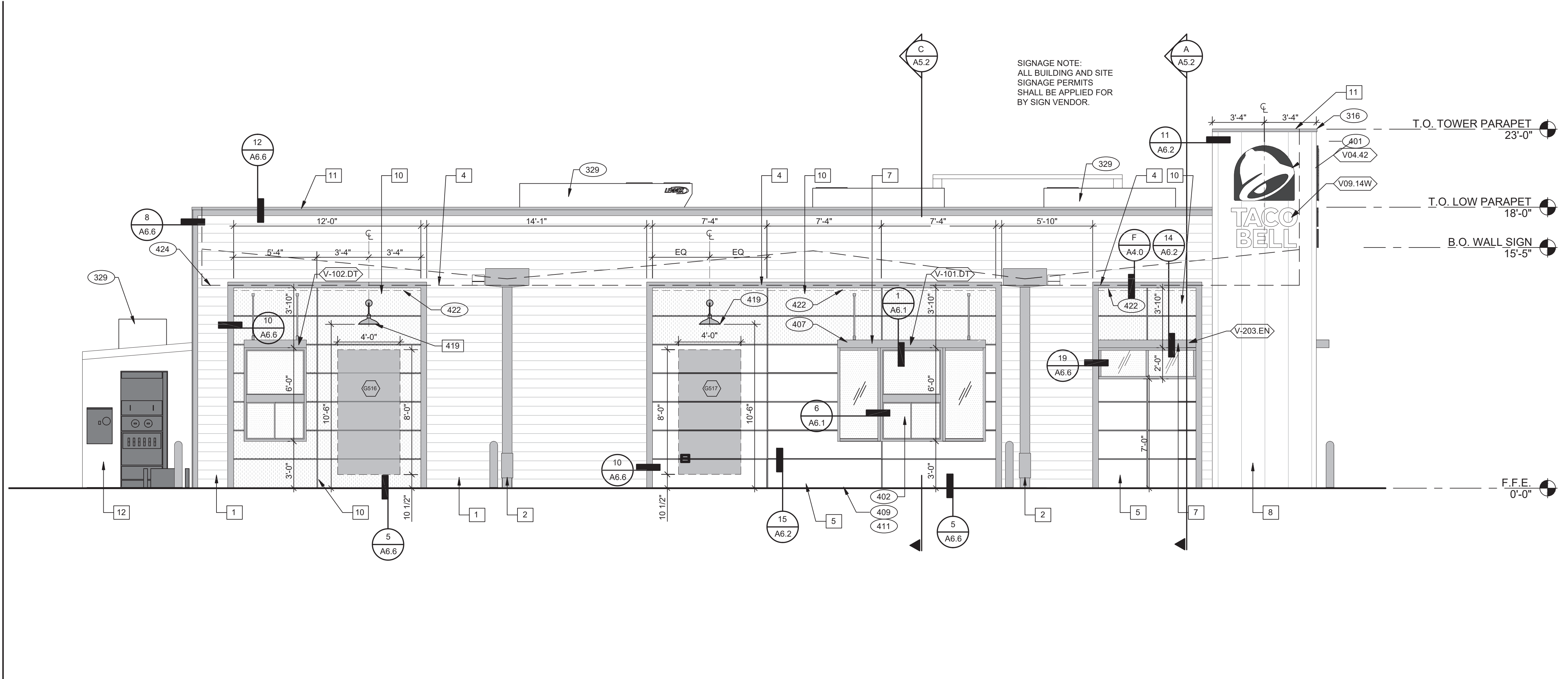
PAINT NOTES A

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

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

EXTERIOR FINISH SCHEDULE D

KEY NOTES B



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

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



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KEY NOTES

A

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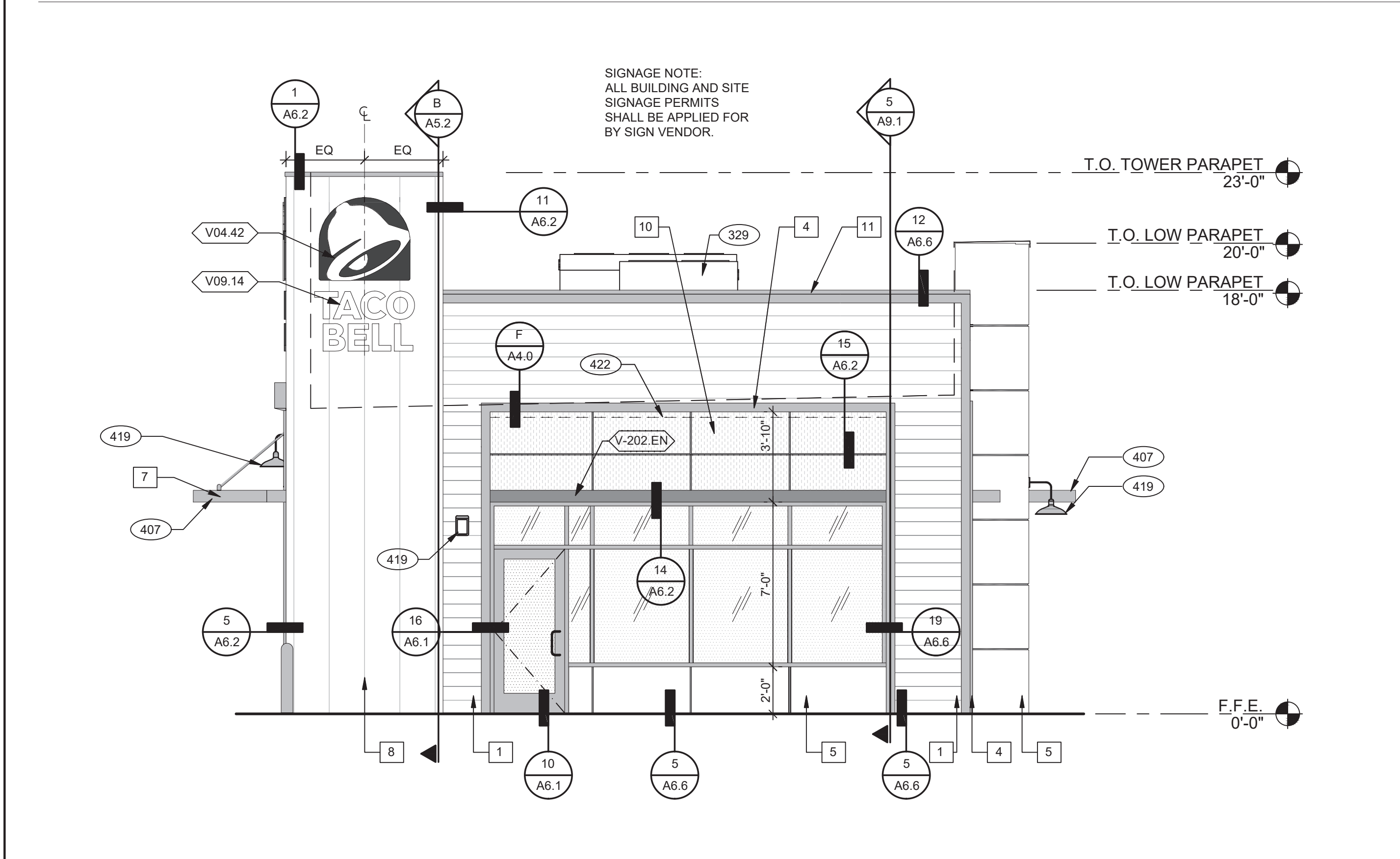
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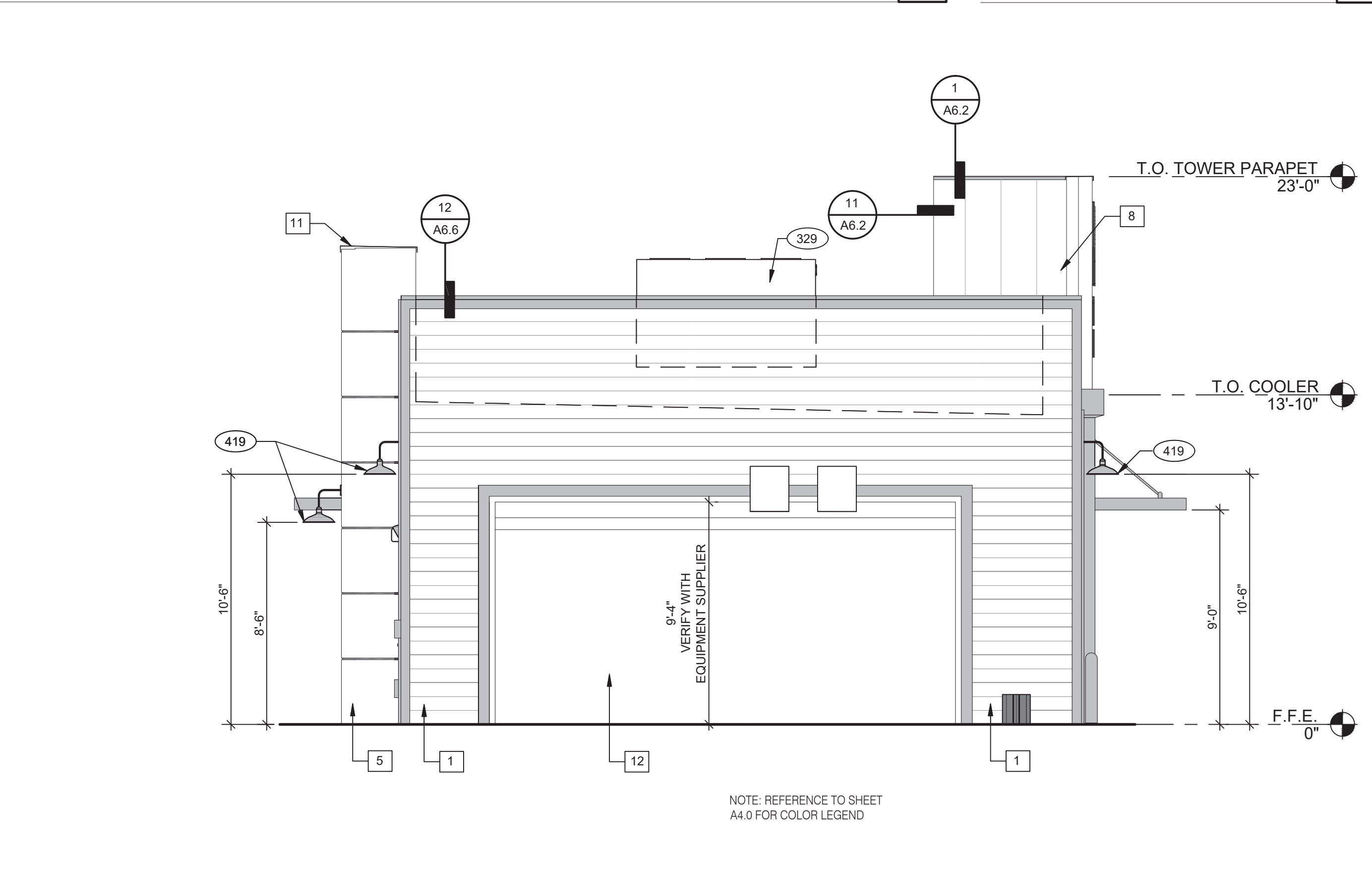
ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.1

PLOT DATE: 8/15/2022

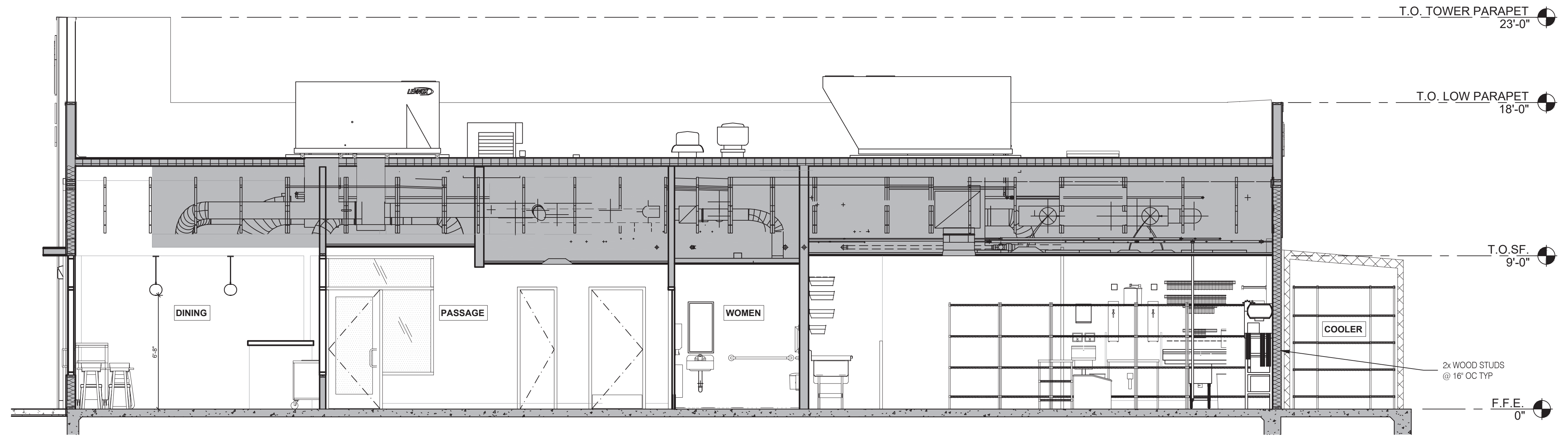


NORTH ELEVATION 1/4" = 1'-0" **2**

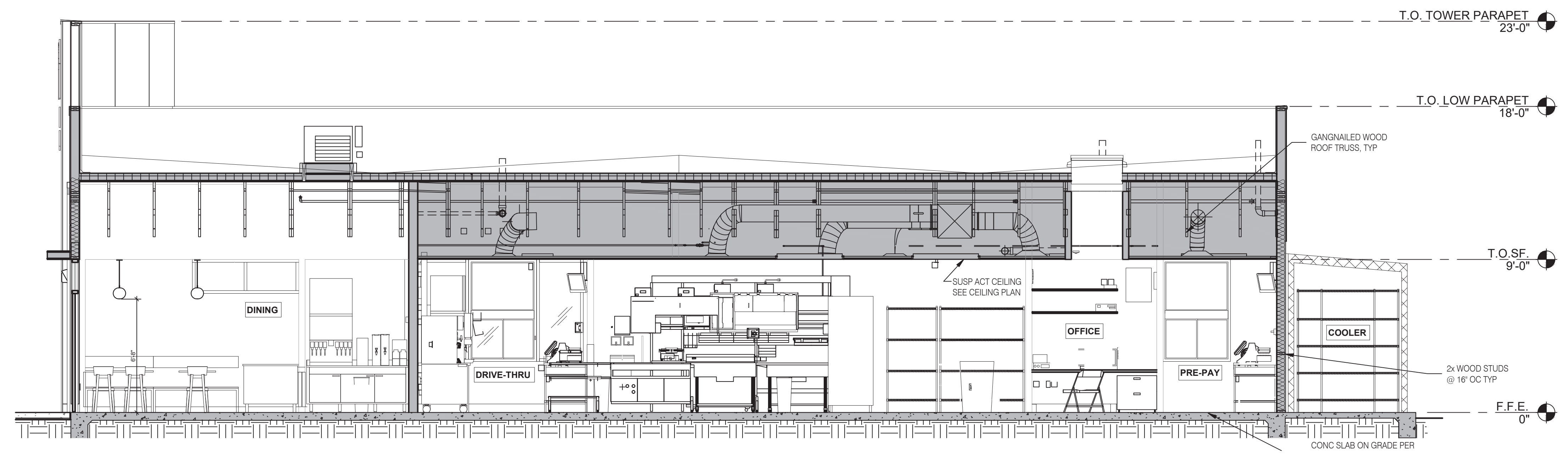


SOUTH ELEVATION 1/4" = 1'-0" **3**

NOTE: REFERENCE TO SHEET A4.0 FOR COLOR LEGEND



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



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



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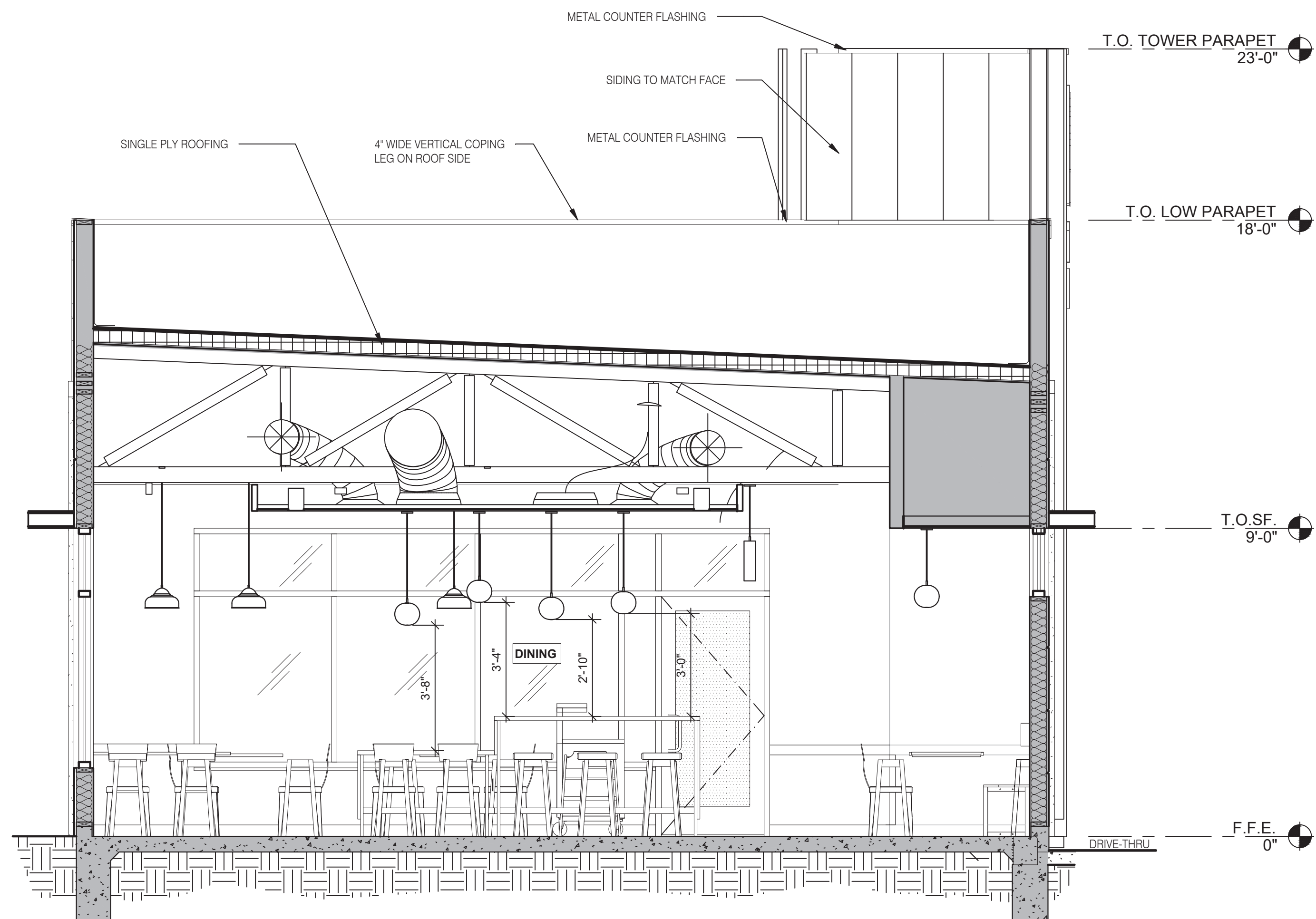
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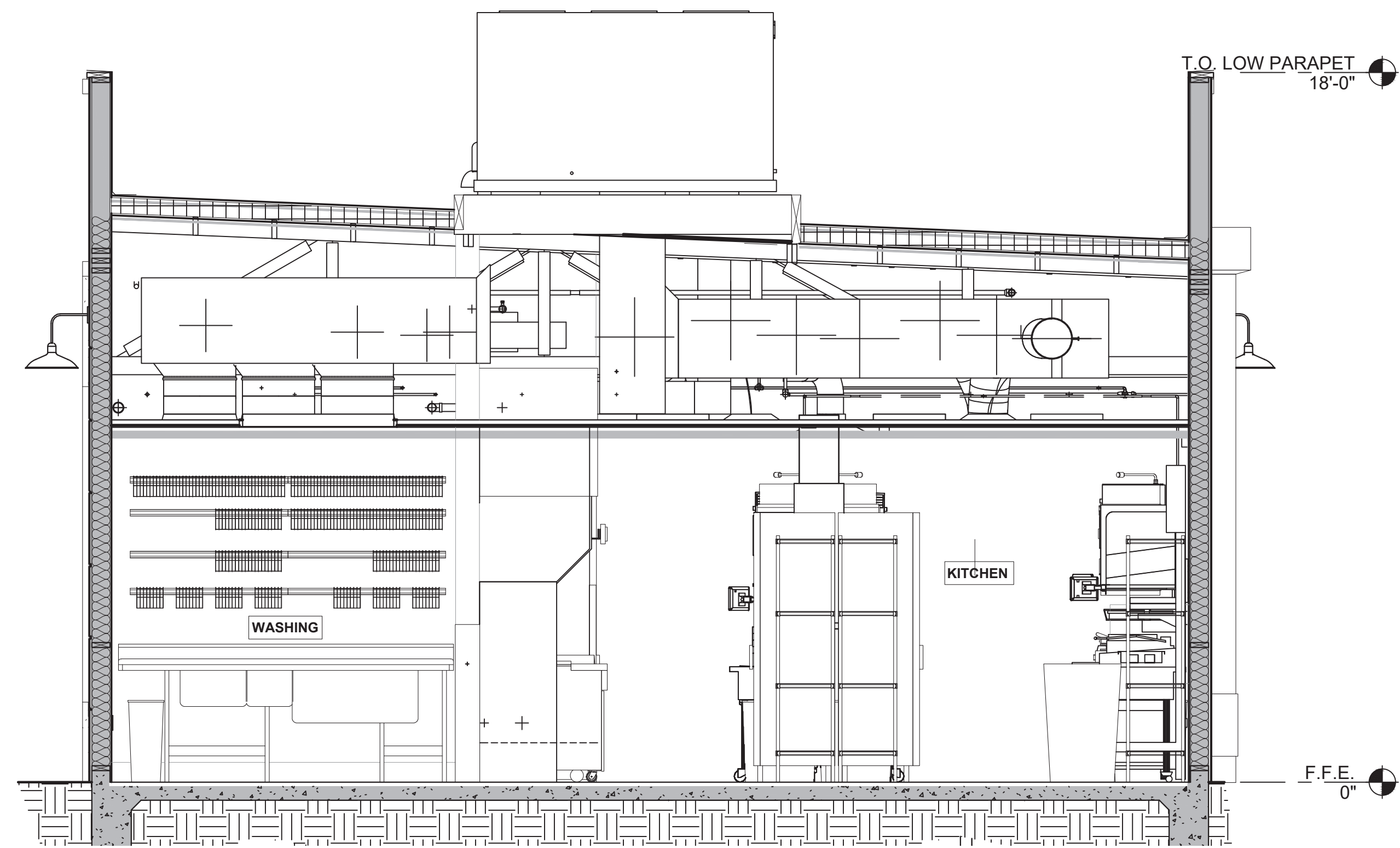
ENDEAVOR 2.0
BUILDING
SECTIONS

A5.0

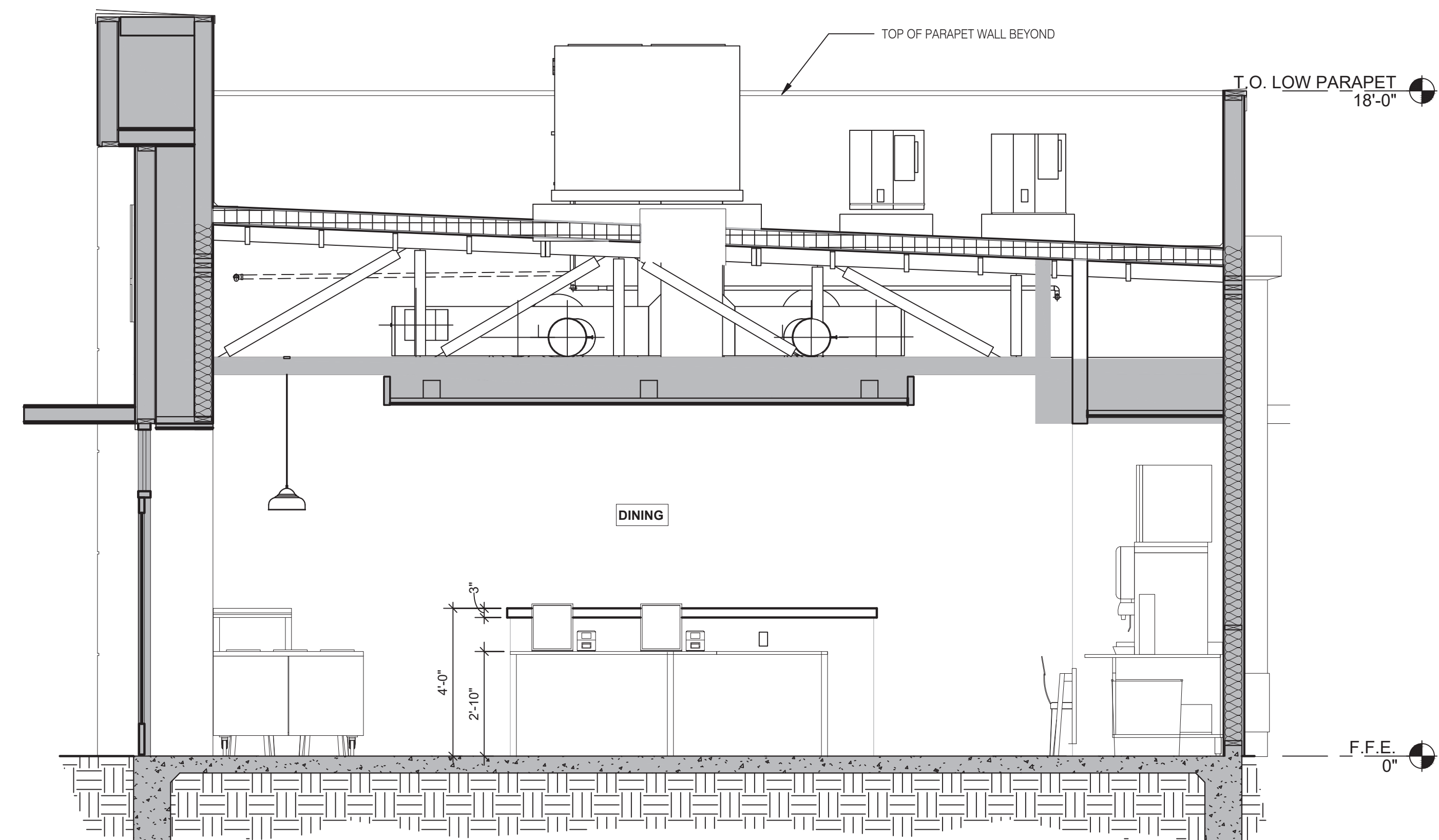
PLOT DATE: 8/15/2022



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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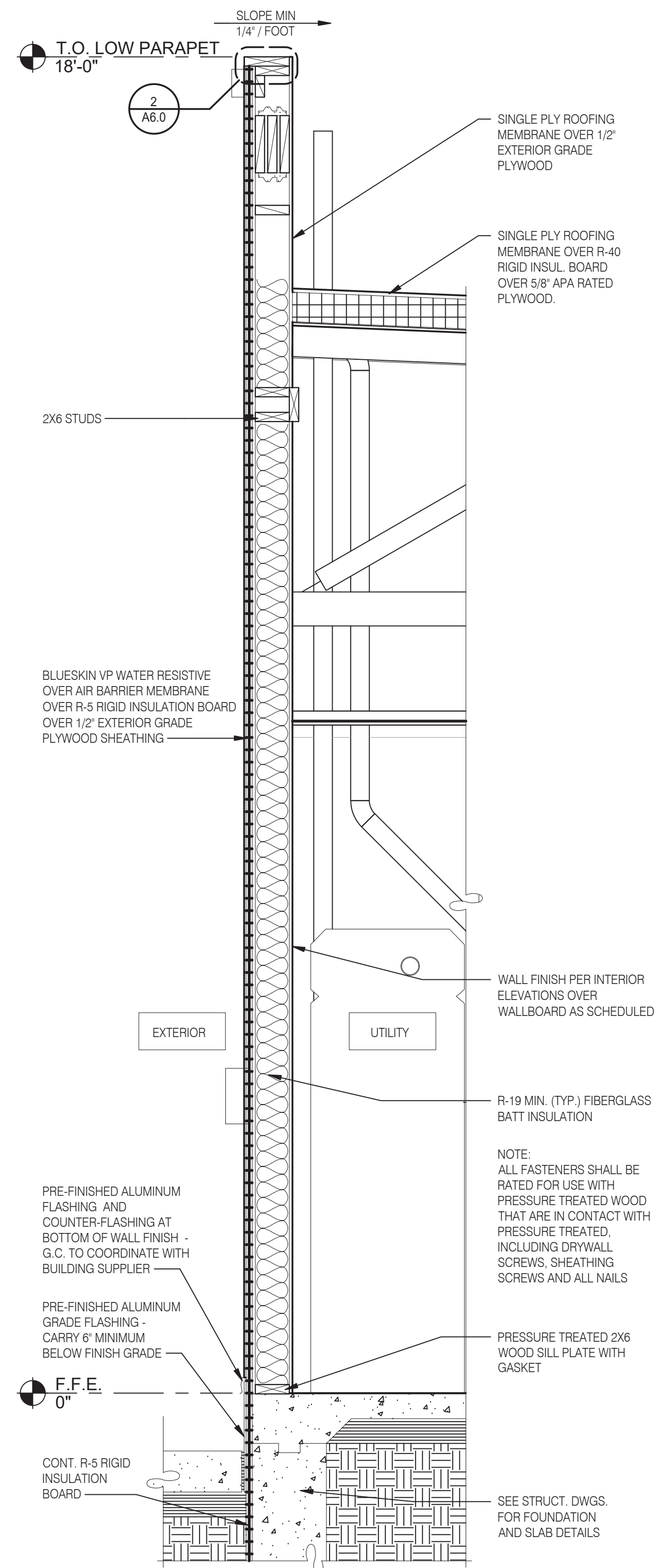
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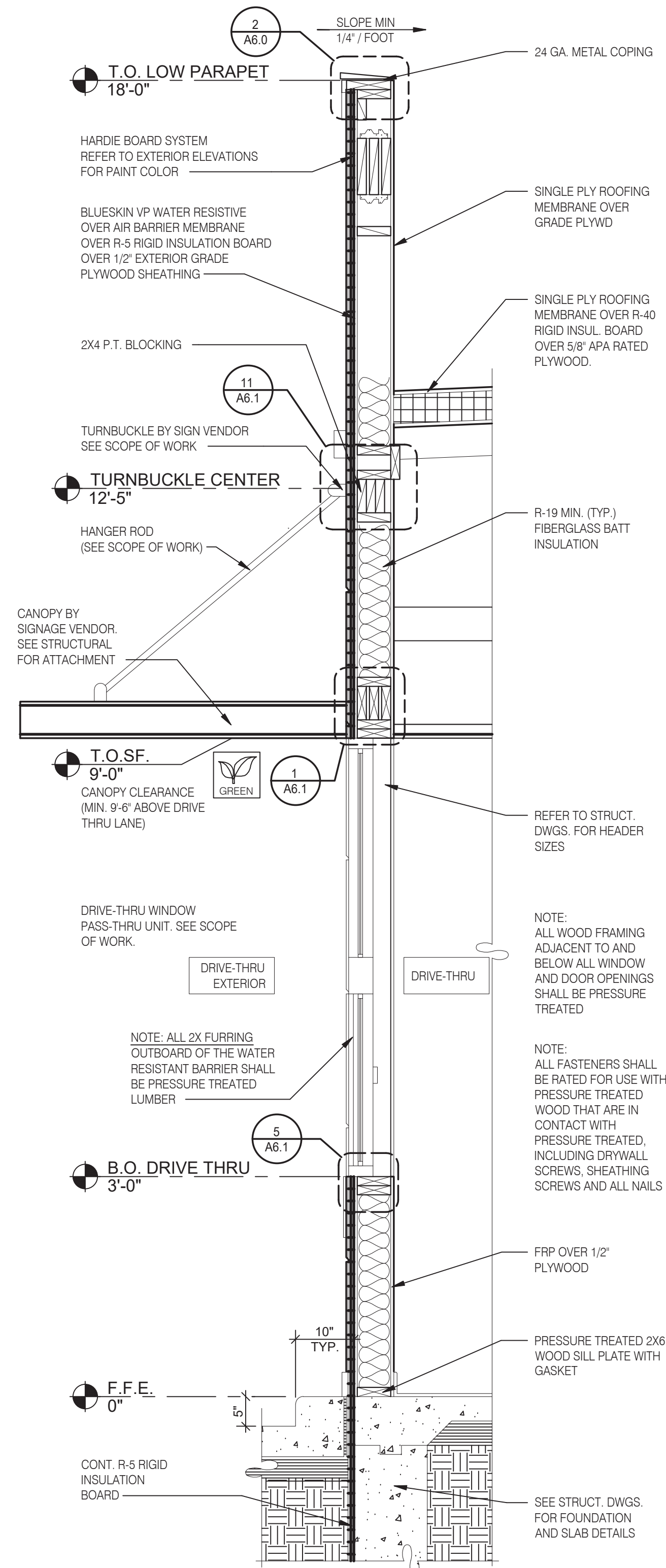
ENDEAVOR 2.0
BUILDING
SECTIONS

A5.1

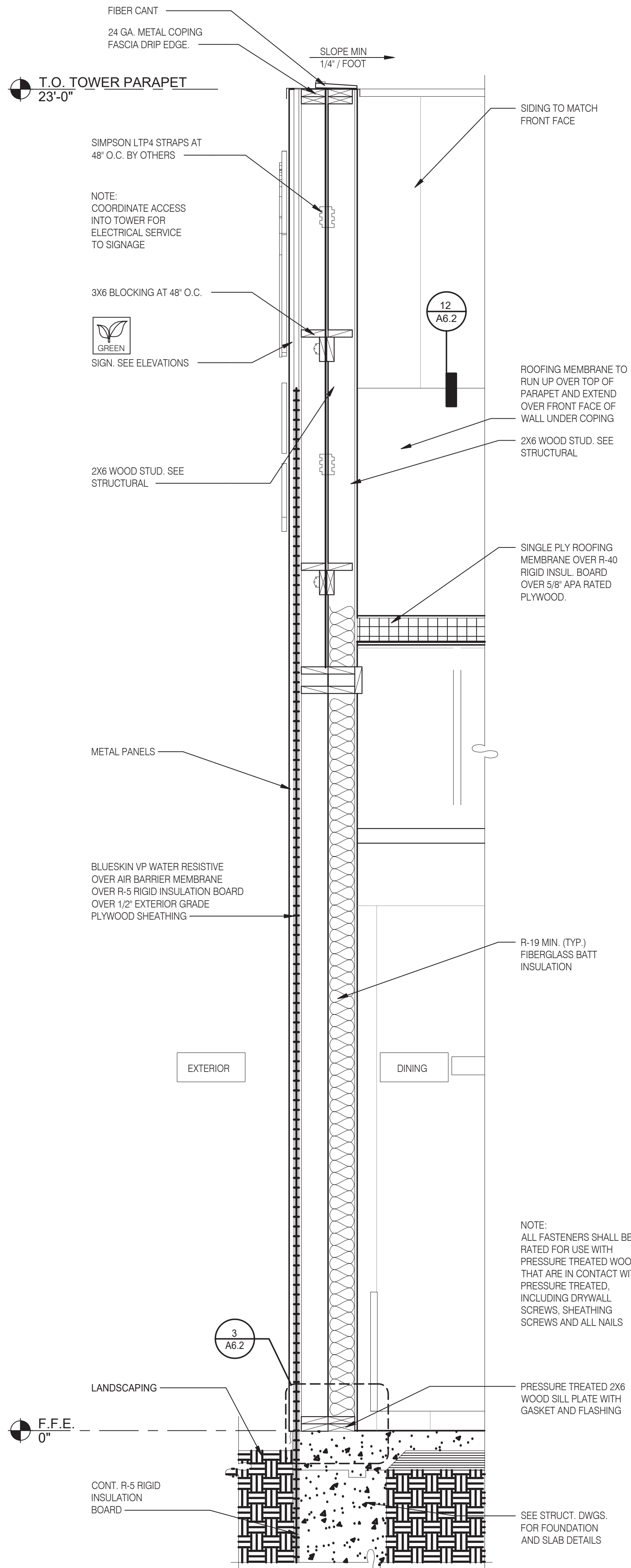
PLOT DATE: 8/15/2022



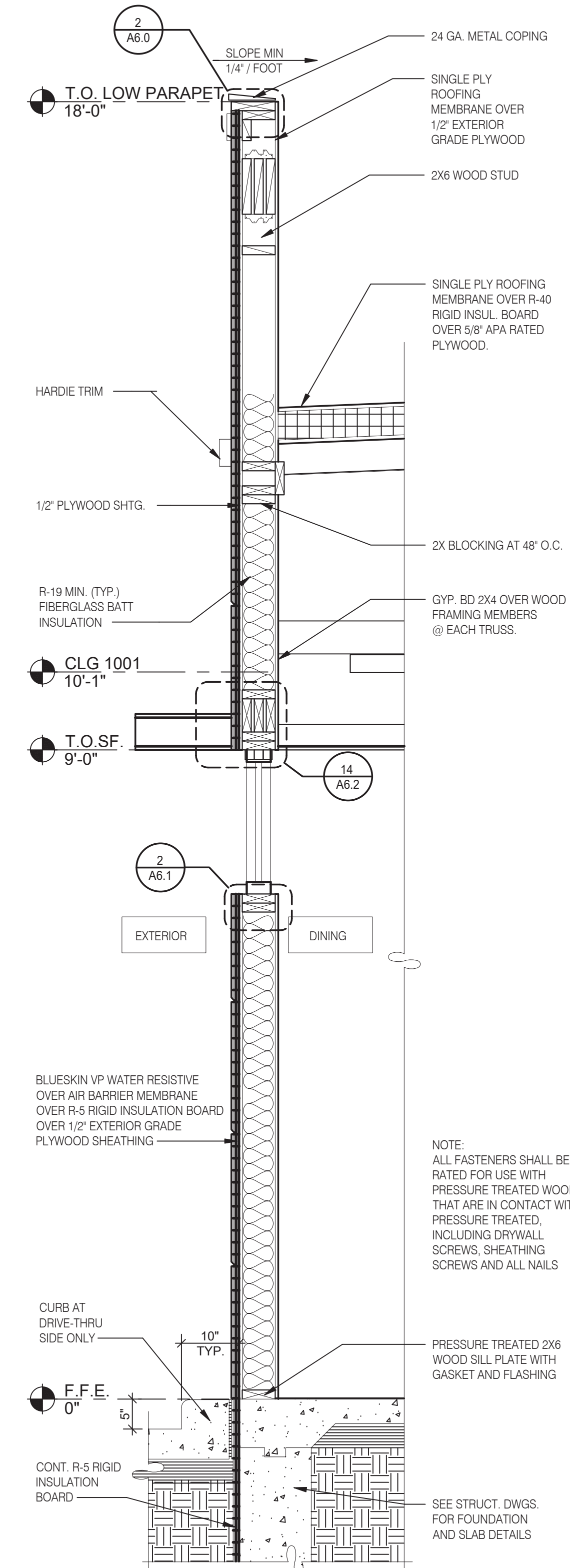
TYPICAL WALL SECTION 3/4" = 1'-0" **D**



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



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



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



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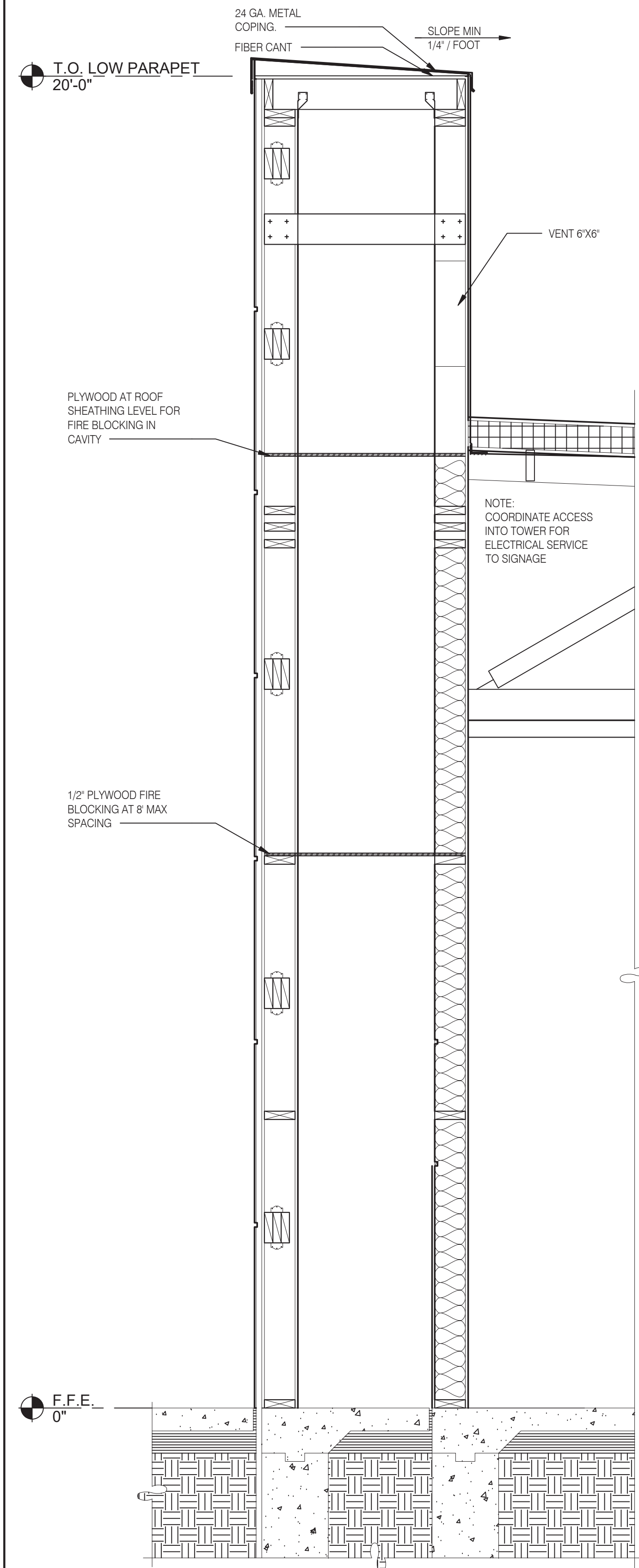
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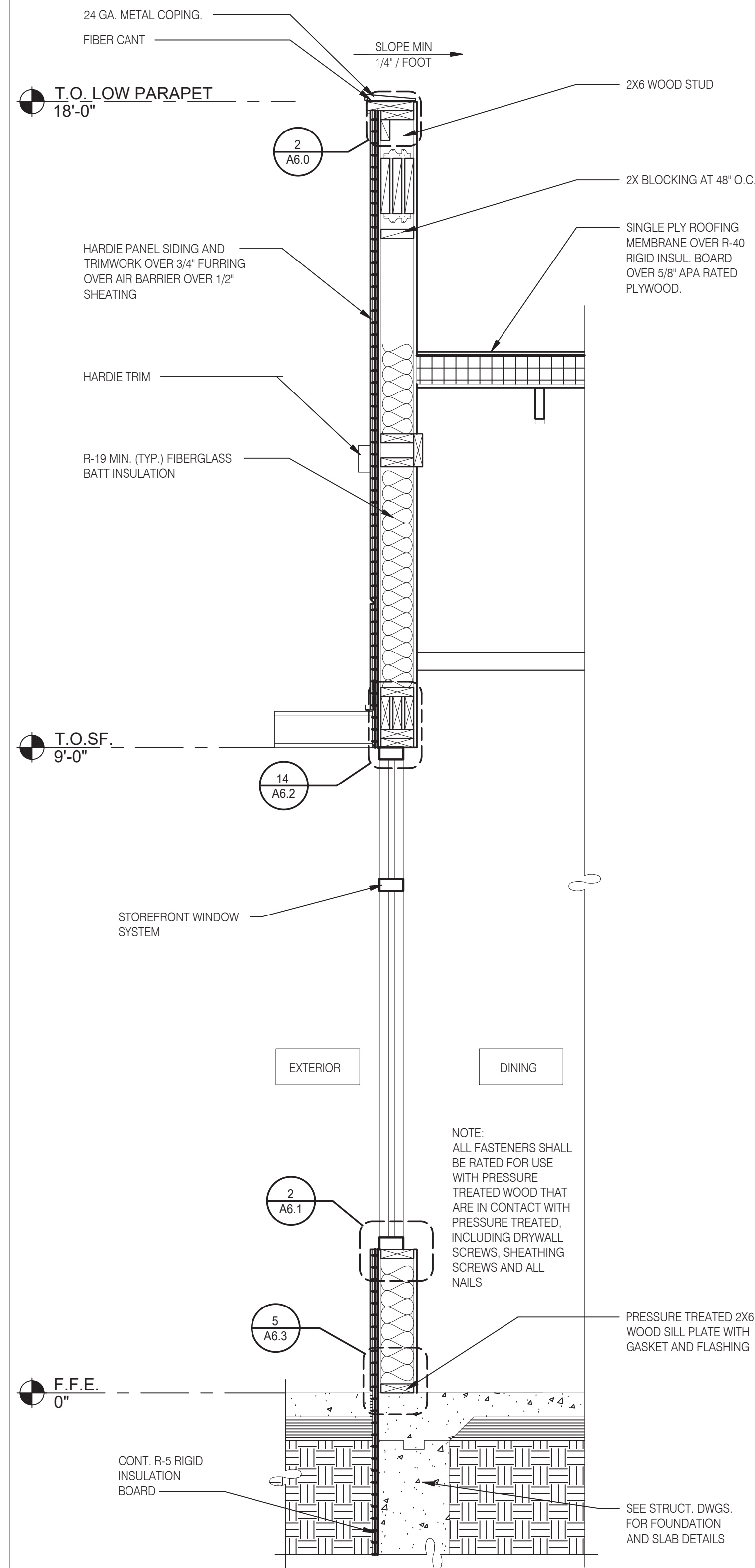
ENDEAVOR 2.0 WALL SECTIONS

A5.2

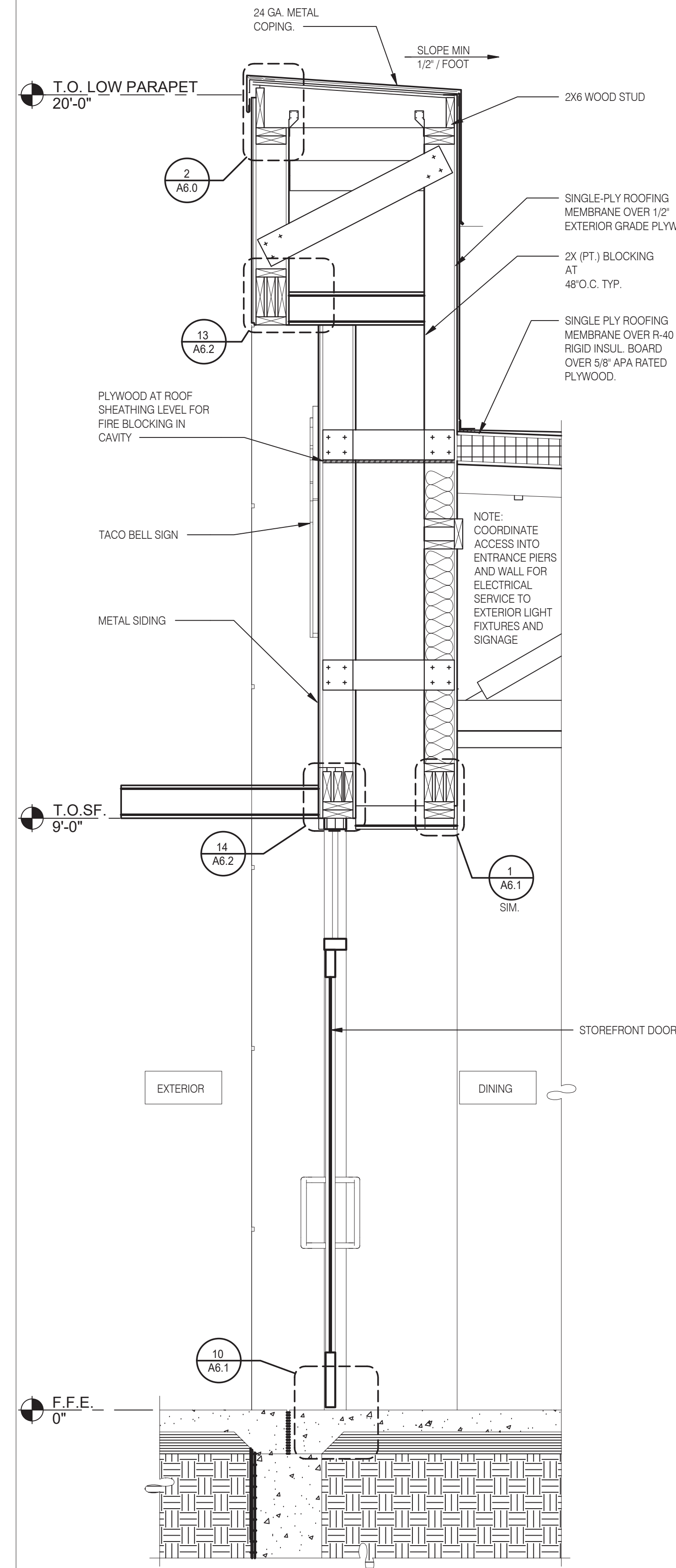
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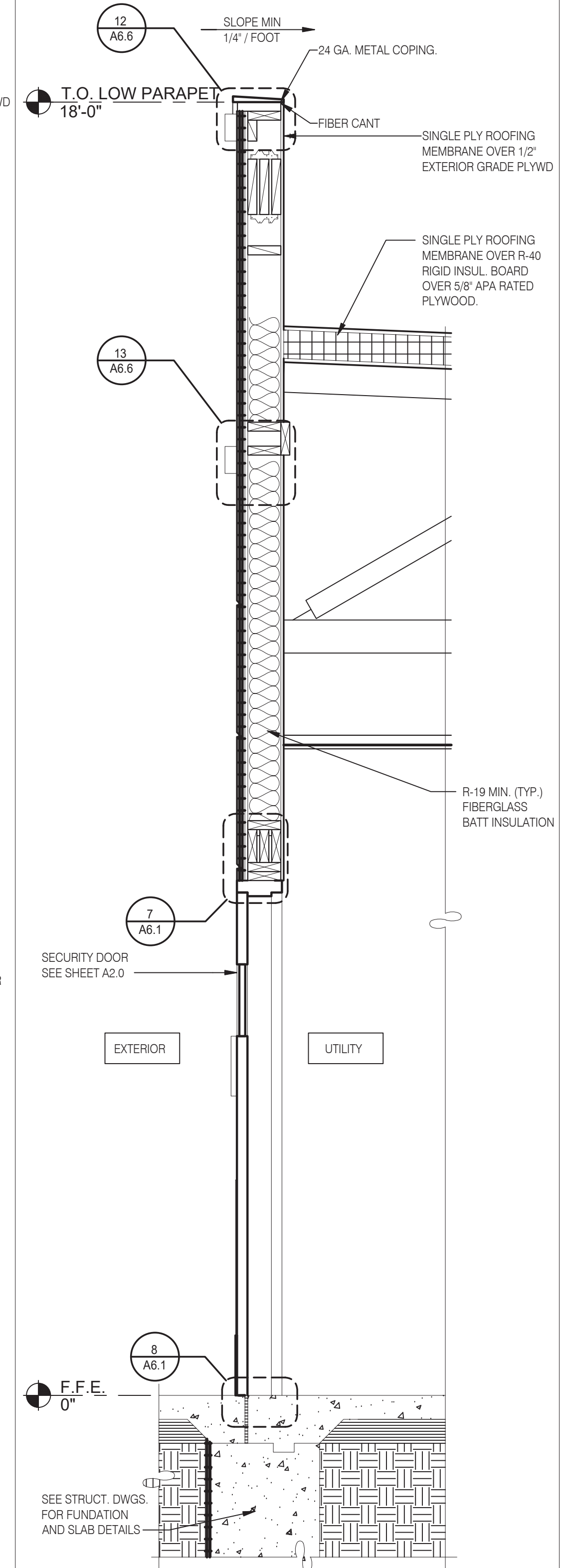
FRONT WALL SECTION 3/4" = 1'-0" D



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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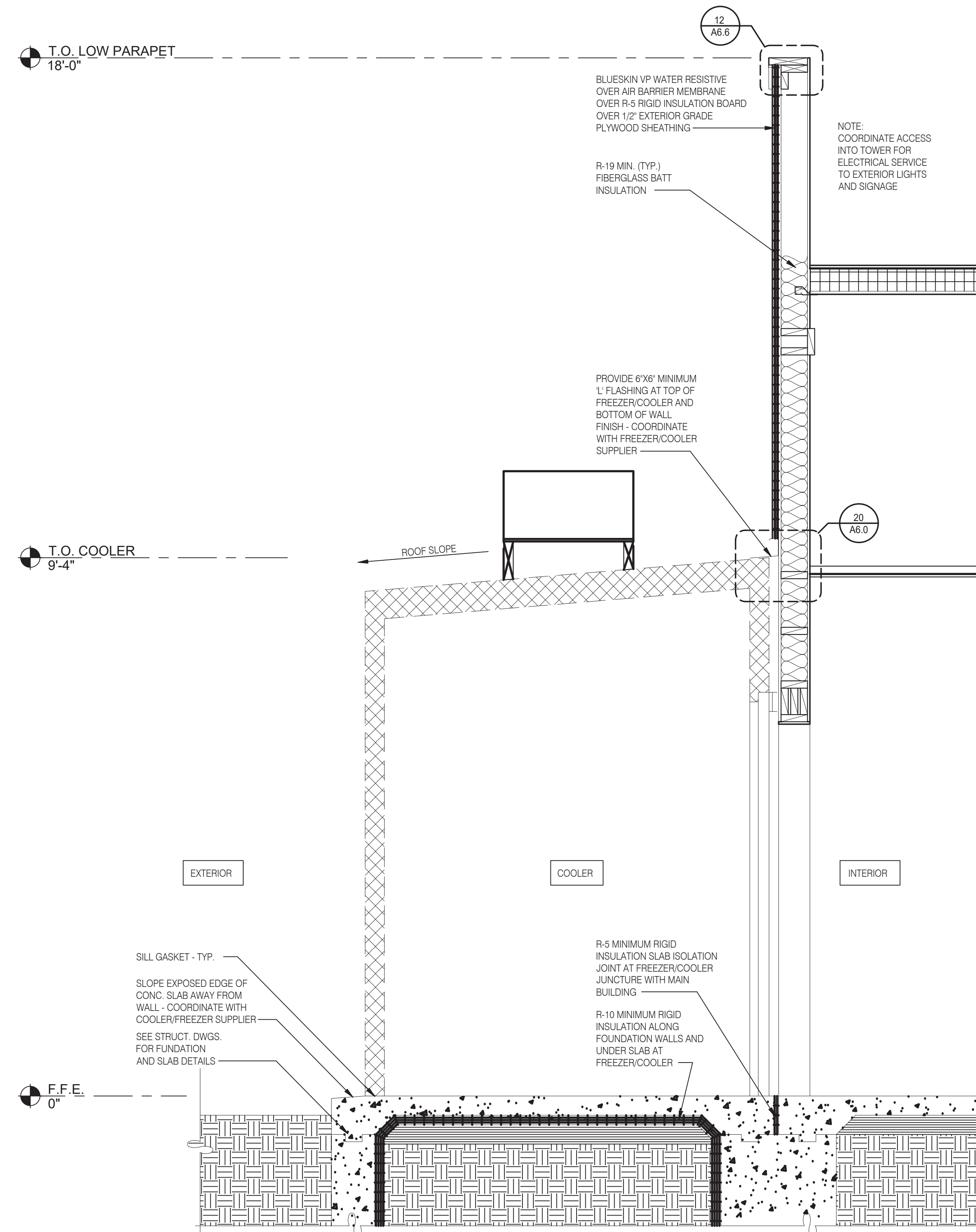
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ENDEAVOR 2.0 WALL SECTIONS

A5.3

PLOT DATE: 8/15/2022



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



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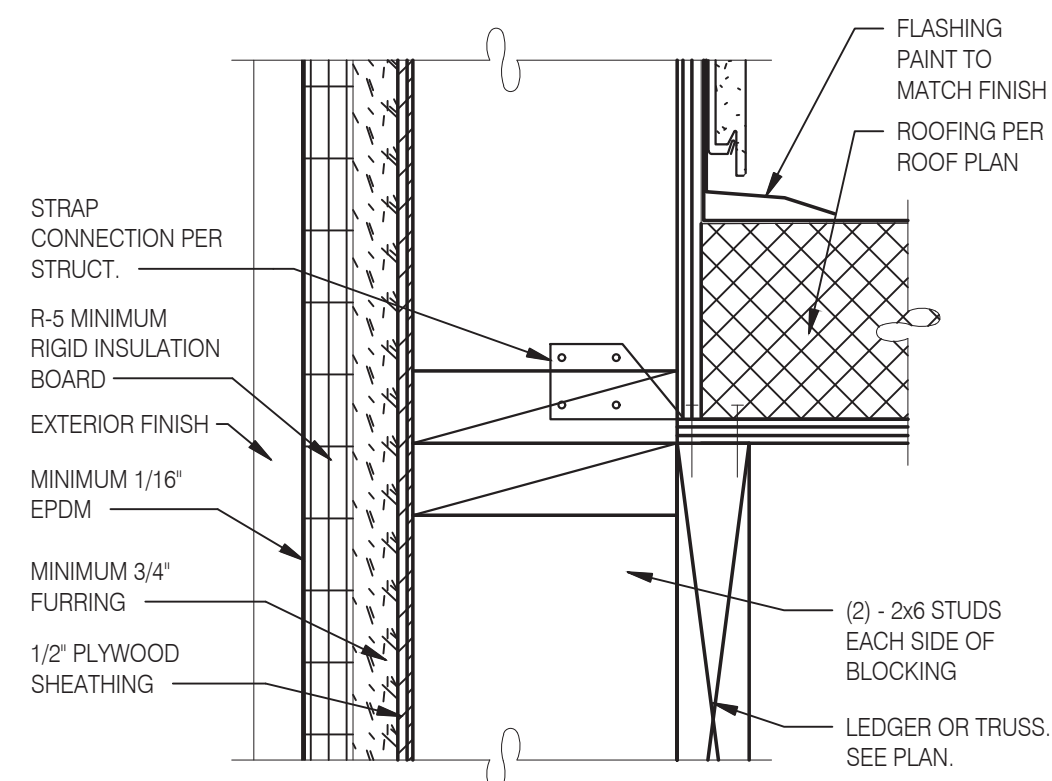
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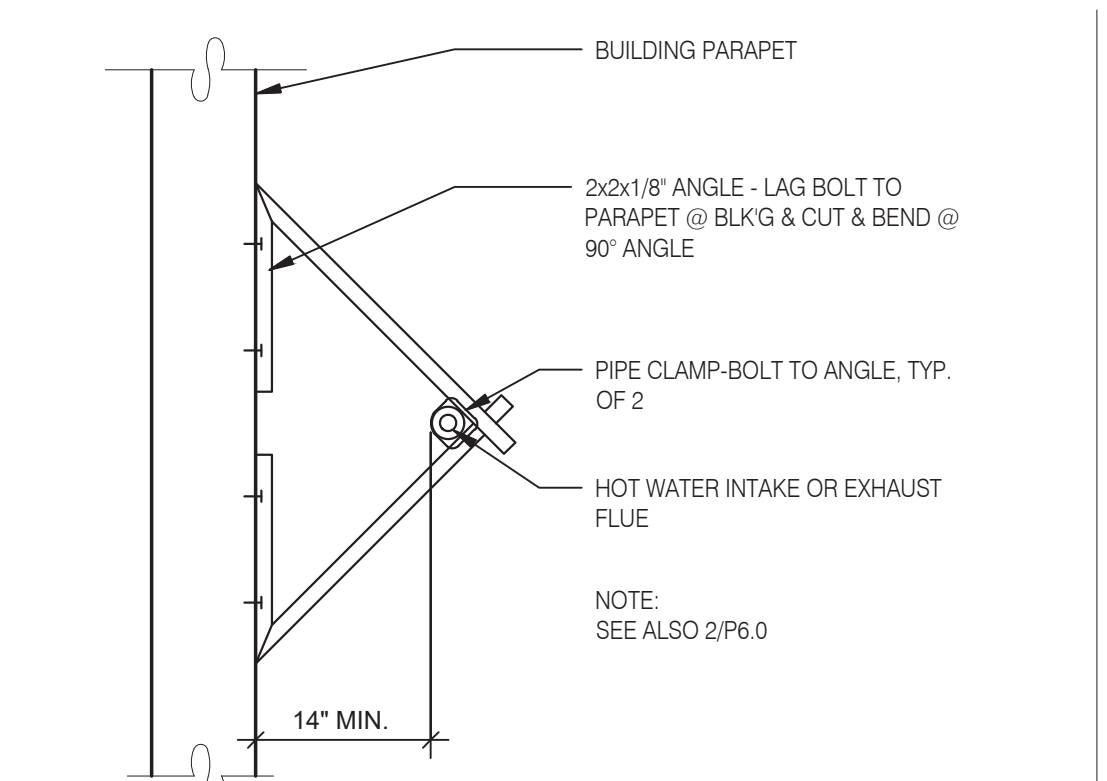
ENDEAVOR 2.0
WALL
SECTIONS

A5.4

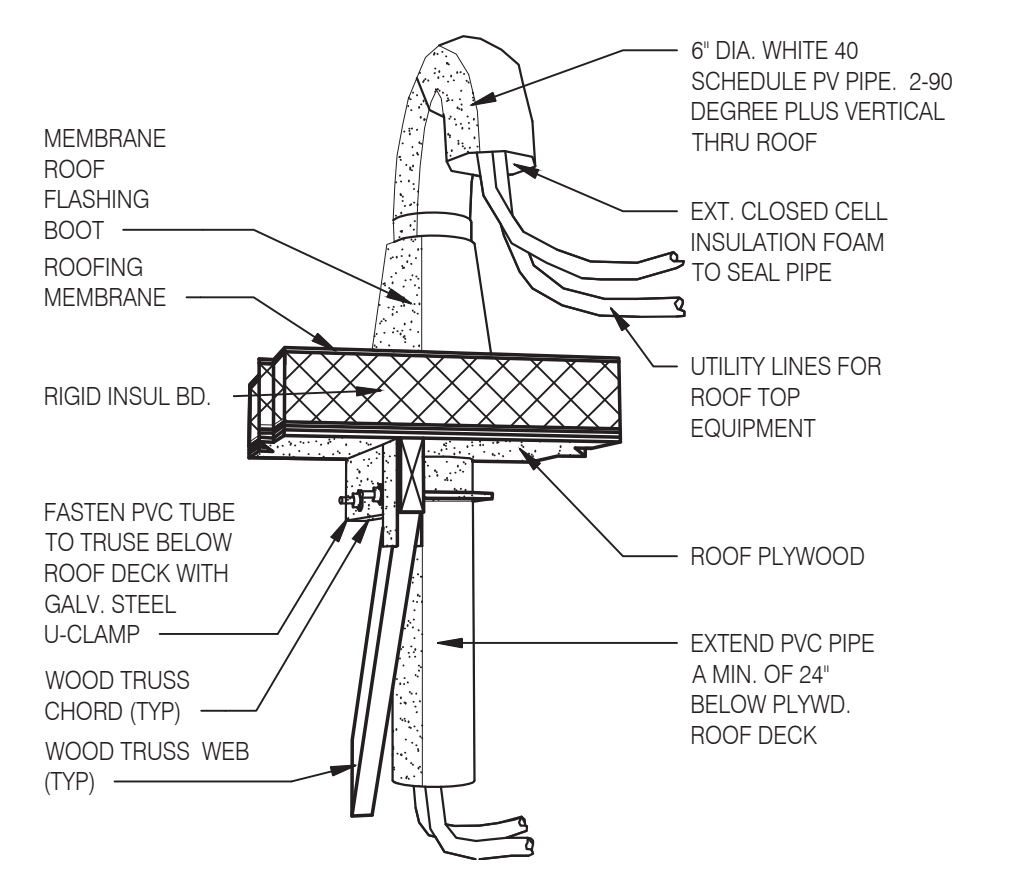
PLOT DATE: 8/15/2022



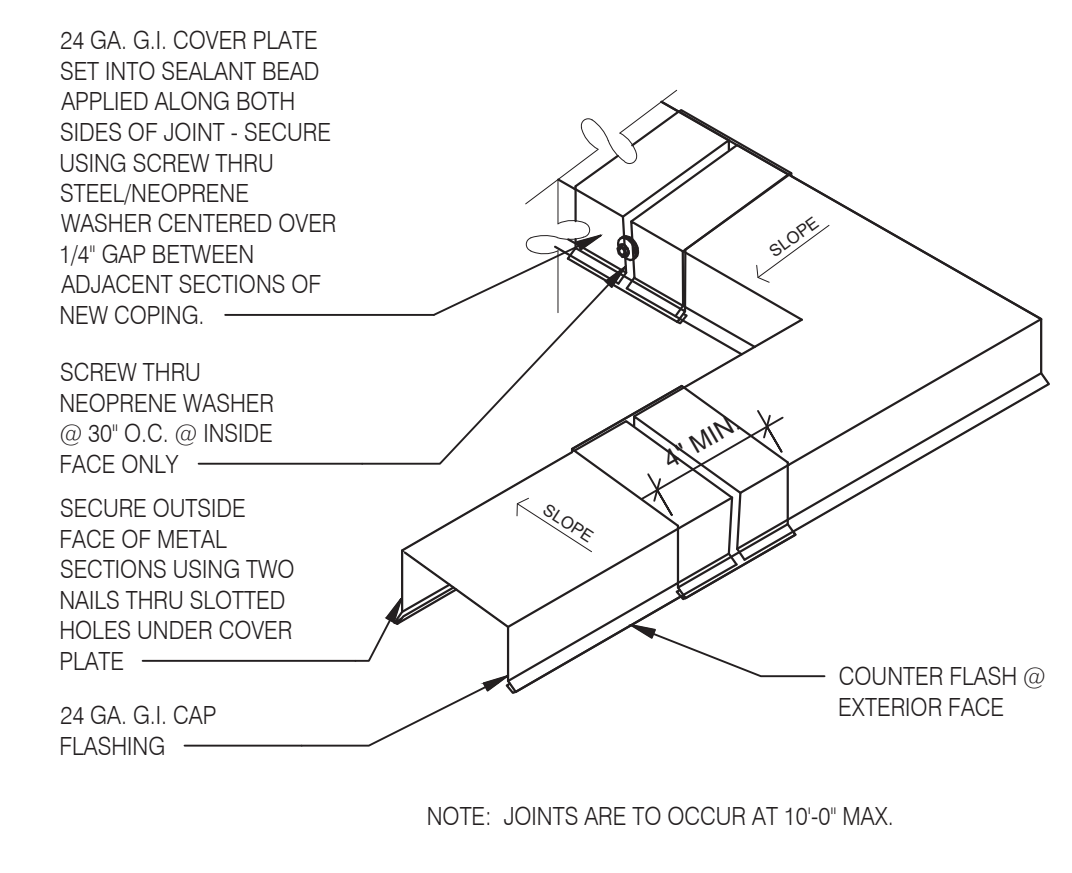
CON. @ STUD AND @ BLOCKING 3" = 1'-0" **17**



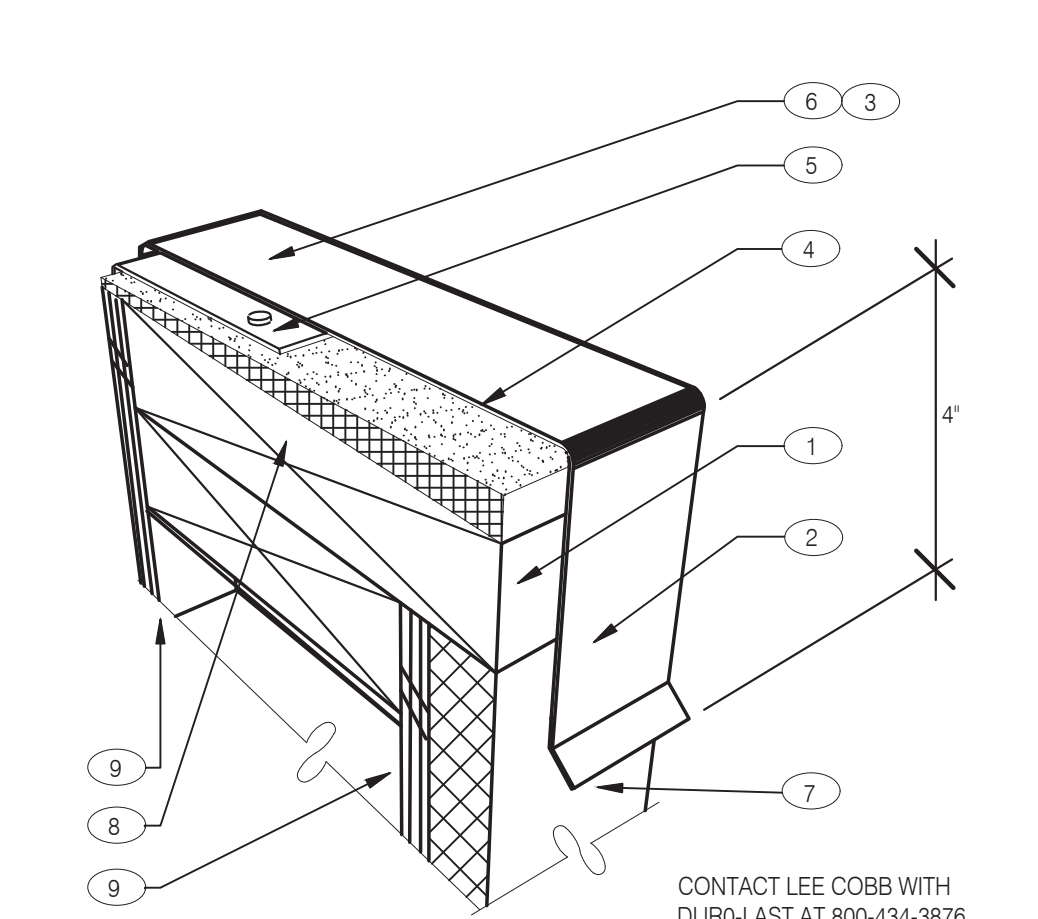
W.H. FLU / INTAKEN PIPE SUPPORT 3" = 1'-0" **13**



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

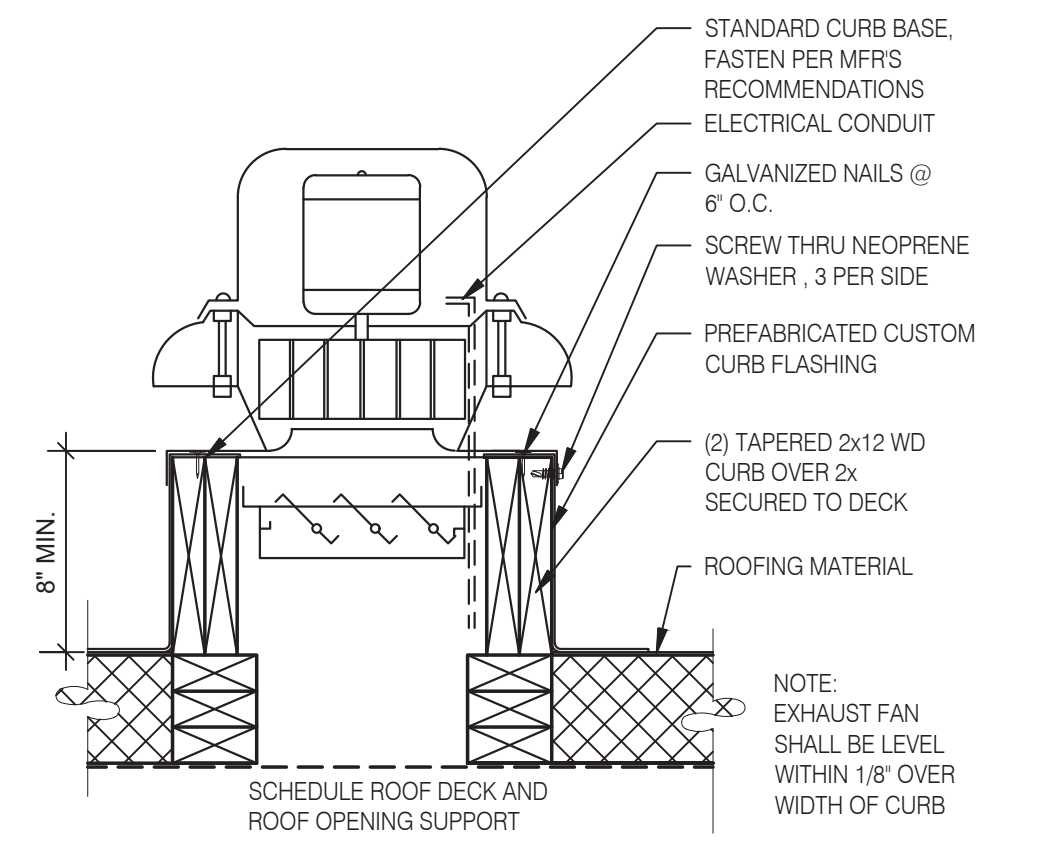


COPING JOINT N.T.S. **5**

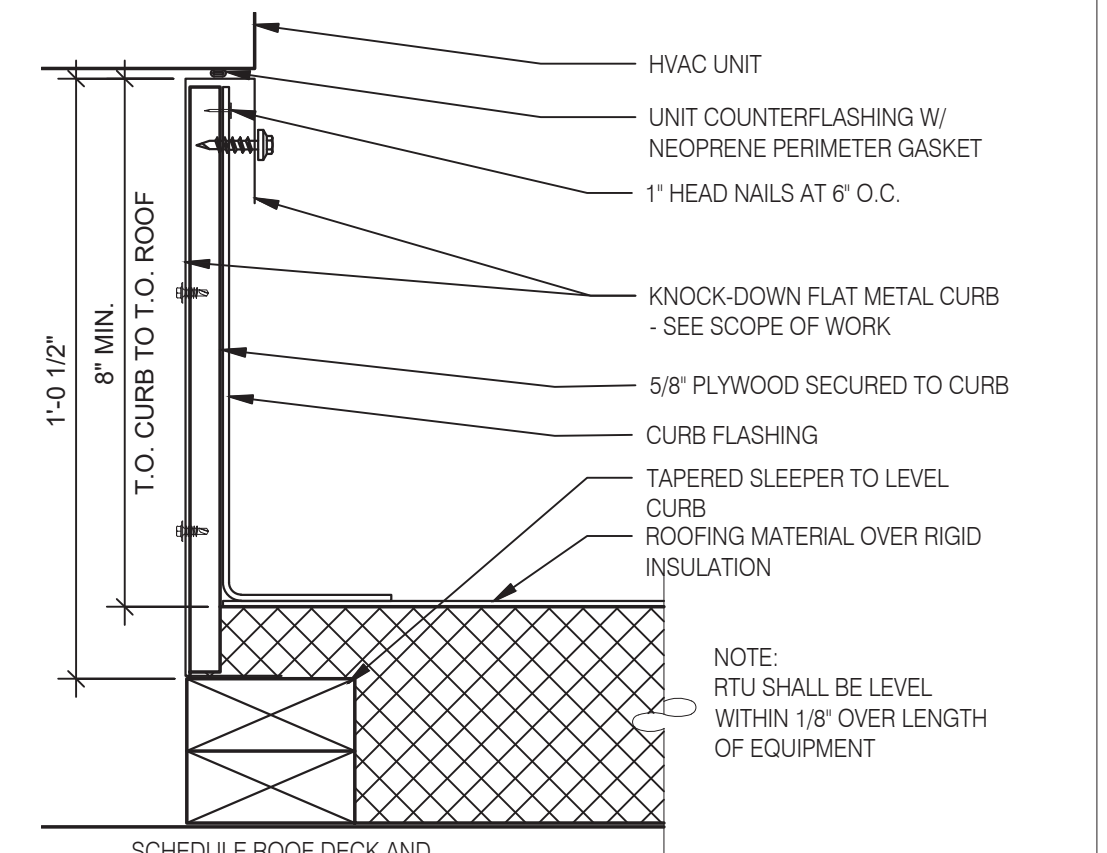


PARAPET CAP N.T.S. **2**

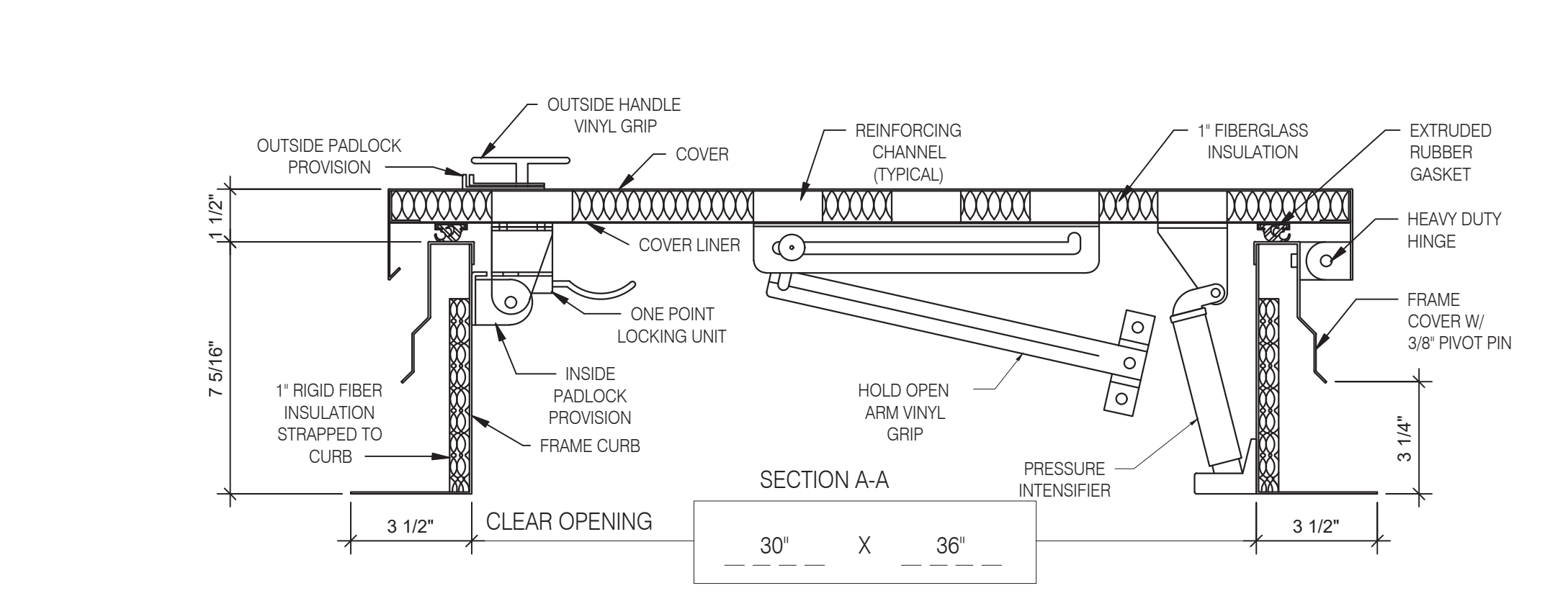
- NOTES**
- 1 PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APPROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER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



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

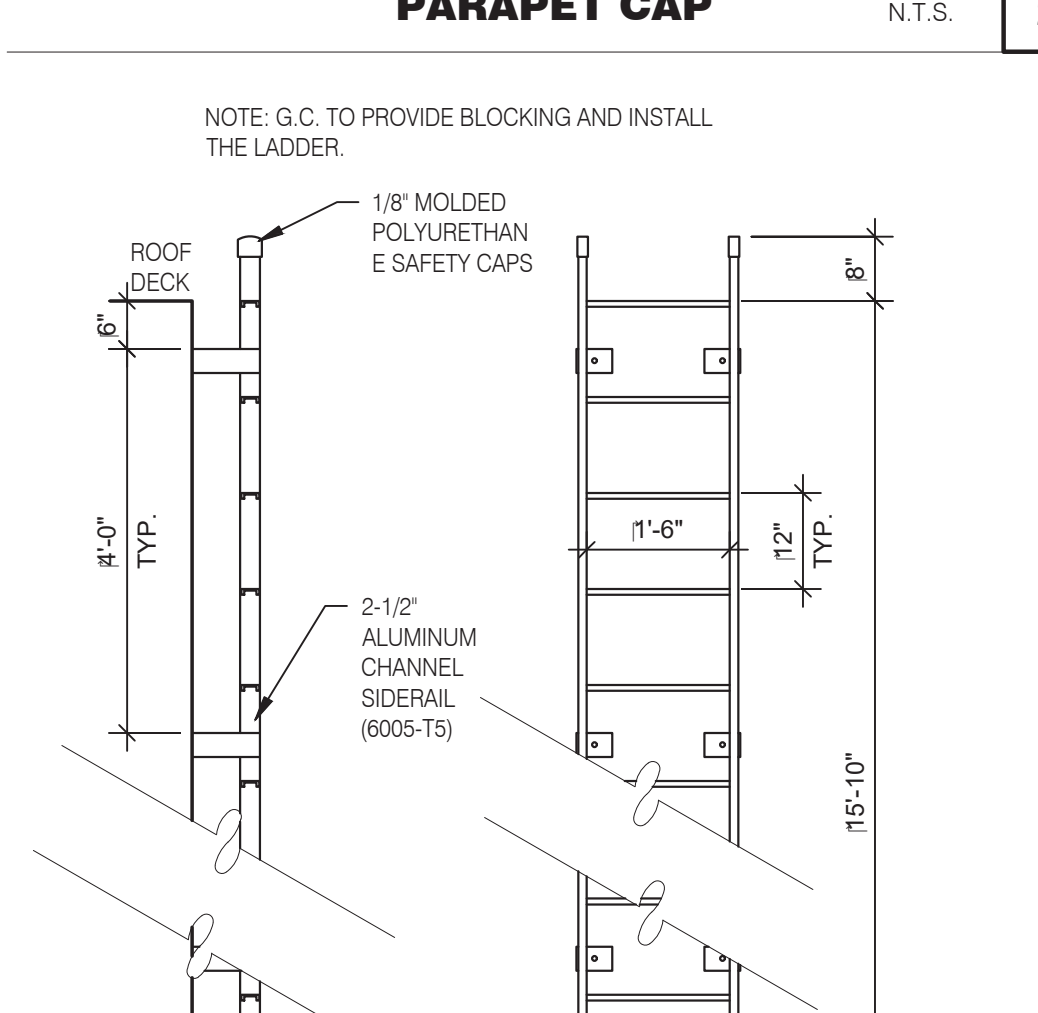


HVAC CURB 3" = 1'-0" **14**

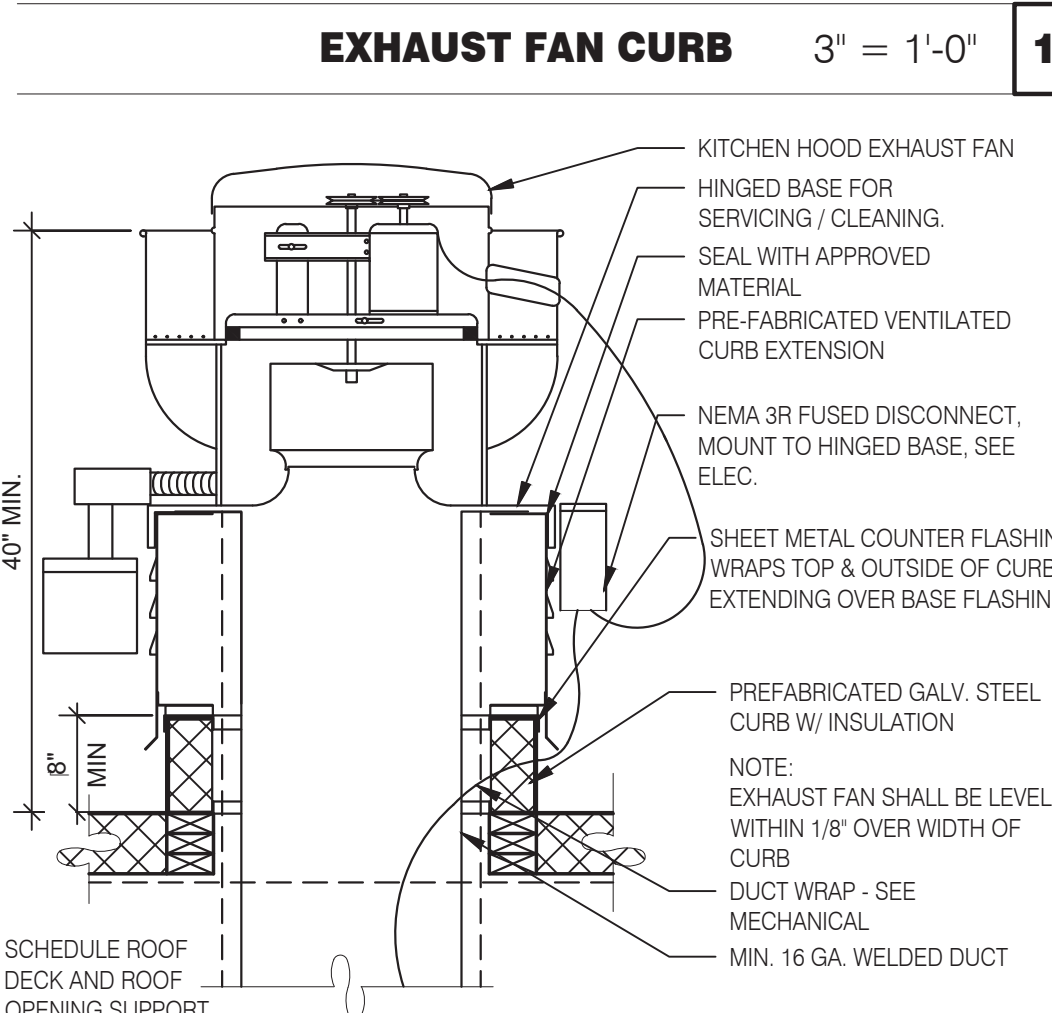


ROOF LADDER AND HATCH 3" = 1'-0" **7**

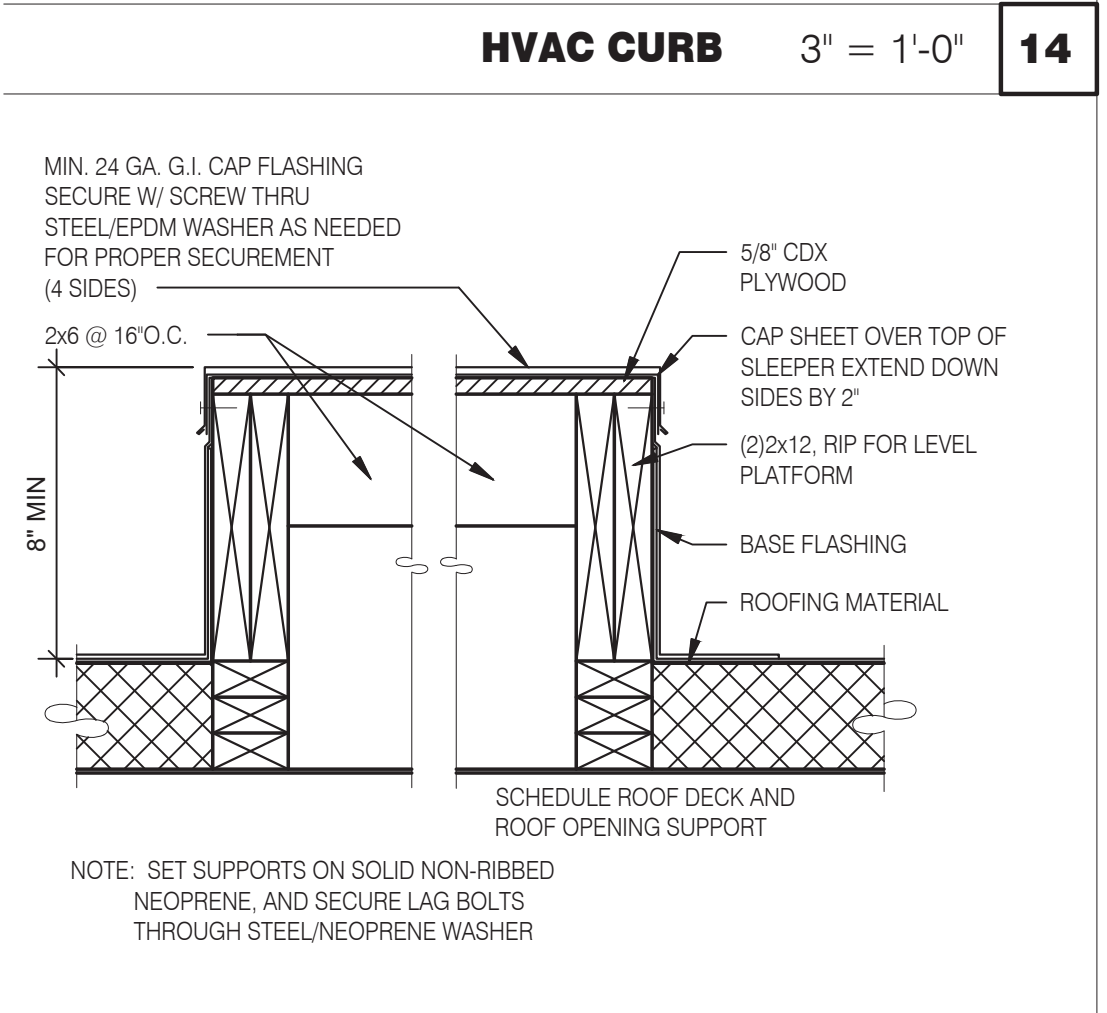
- HATCH MATERIAL:**
 GALVANIZED STEEL (PRIME PAINTED)
 COVER - 14 GA. GALV STEEL
 FRAME COVER - 14 GA. GALV STEEL
 FRAME CURB - 14 GA. GALV STEEL
 COVER LINER - 22 GA. GALV STEEL
- HATCH FINISH:**
 GALV - PRIME PAINTED
- MANUFACTURER:**
 PRECISION LADDERS, LLC OR EQUAL
- NOTES:**
 (1) ALL MOUNTING HARDWARE TO BE SUPPLIED BY OTHERS.
 (2) FOR OPERATING EFFICIENCY, HATCH HARDWARE VARIES BY SIZE. EXAMPLE MODEL#: PH-AVG OPENING SIZE IN FEET-INCHES (PH-G2630)



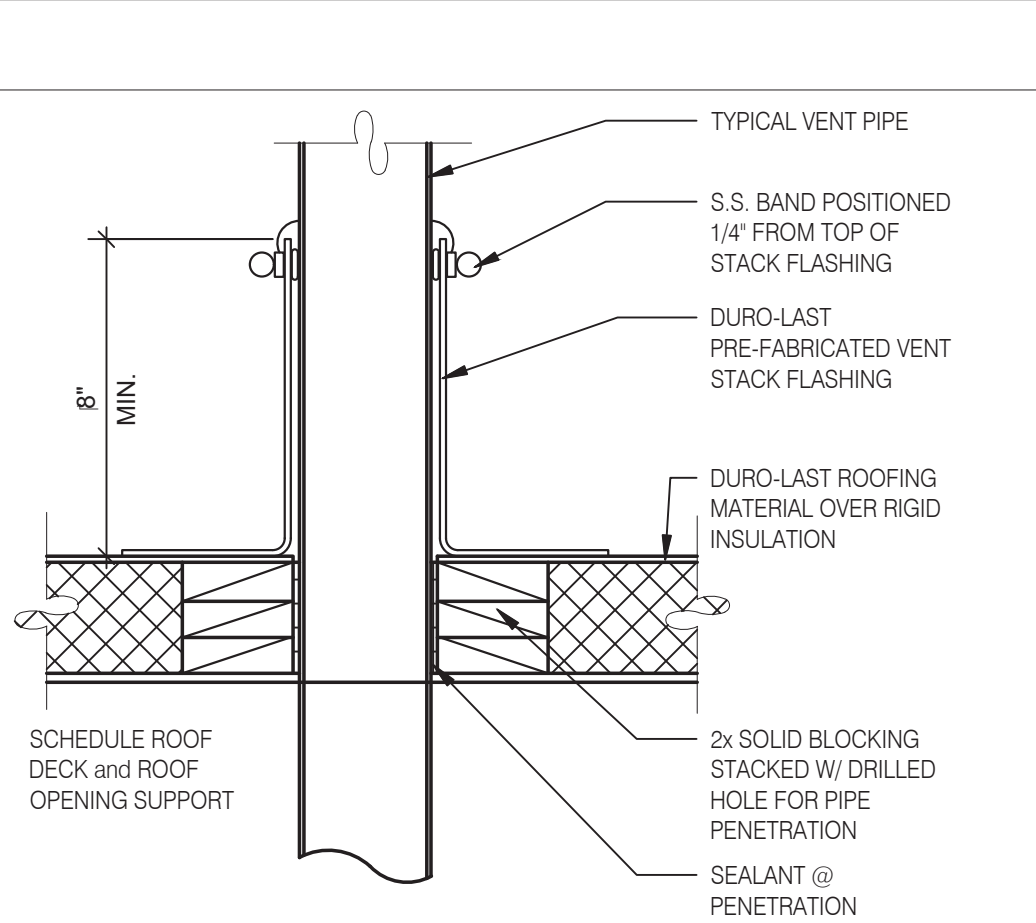
ROOF LADDER N.T.S. **4**



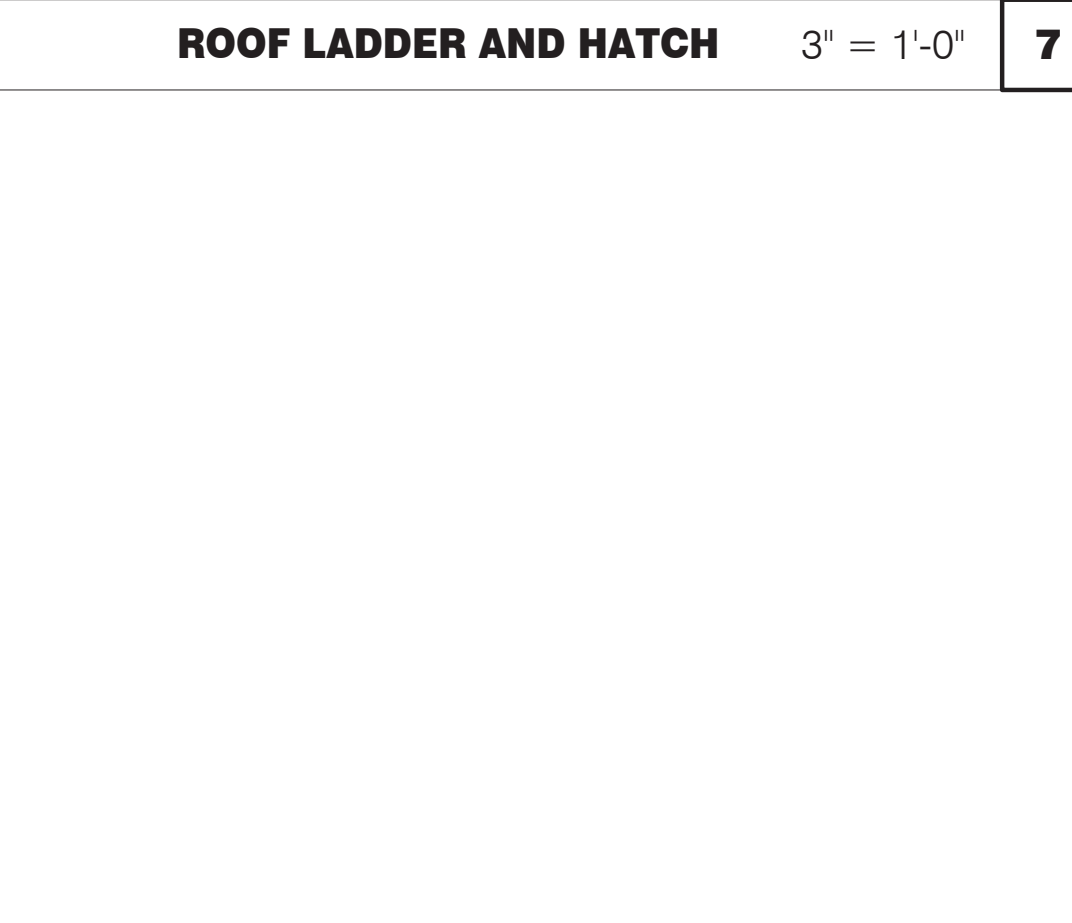
EXHAUST FAN CURB 3" = 1'-0" **19**



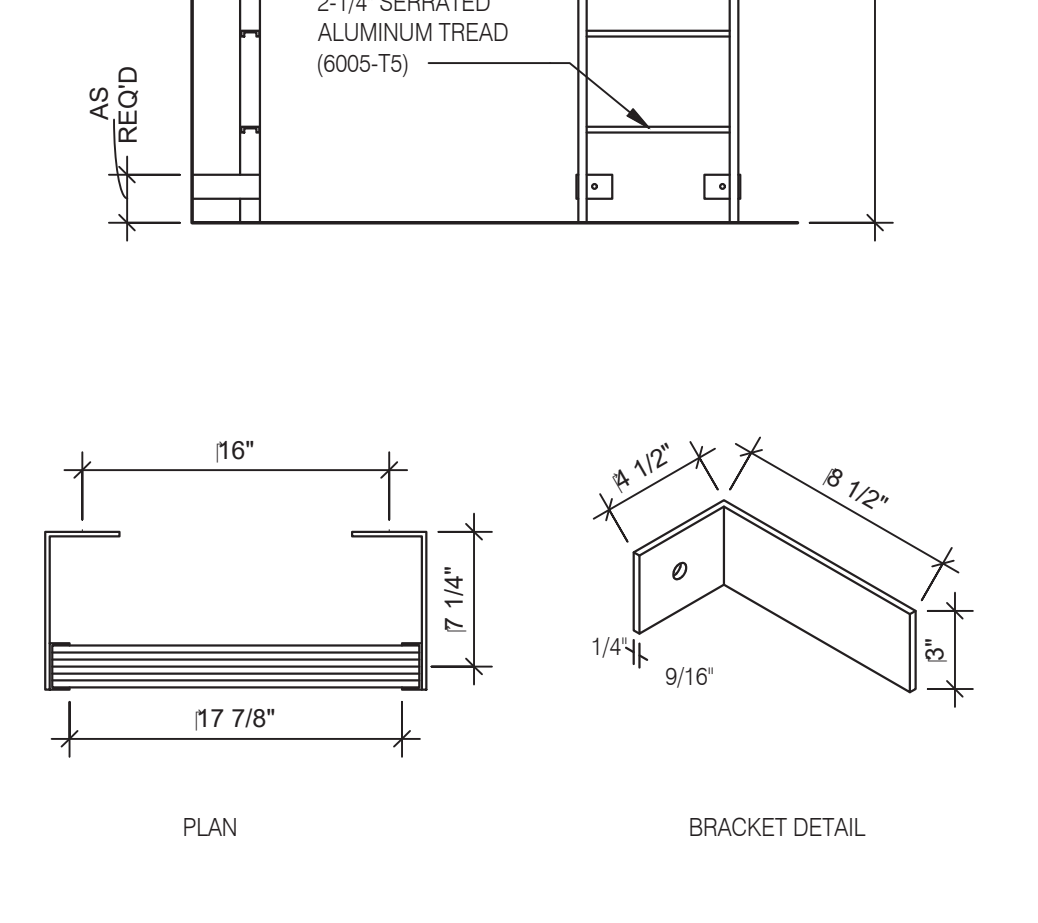
EQUIPMENT PLATFORM SUPPORT 3" = 1'-0" **15**



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



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



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



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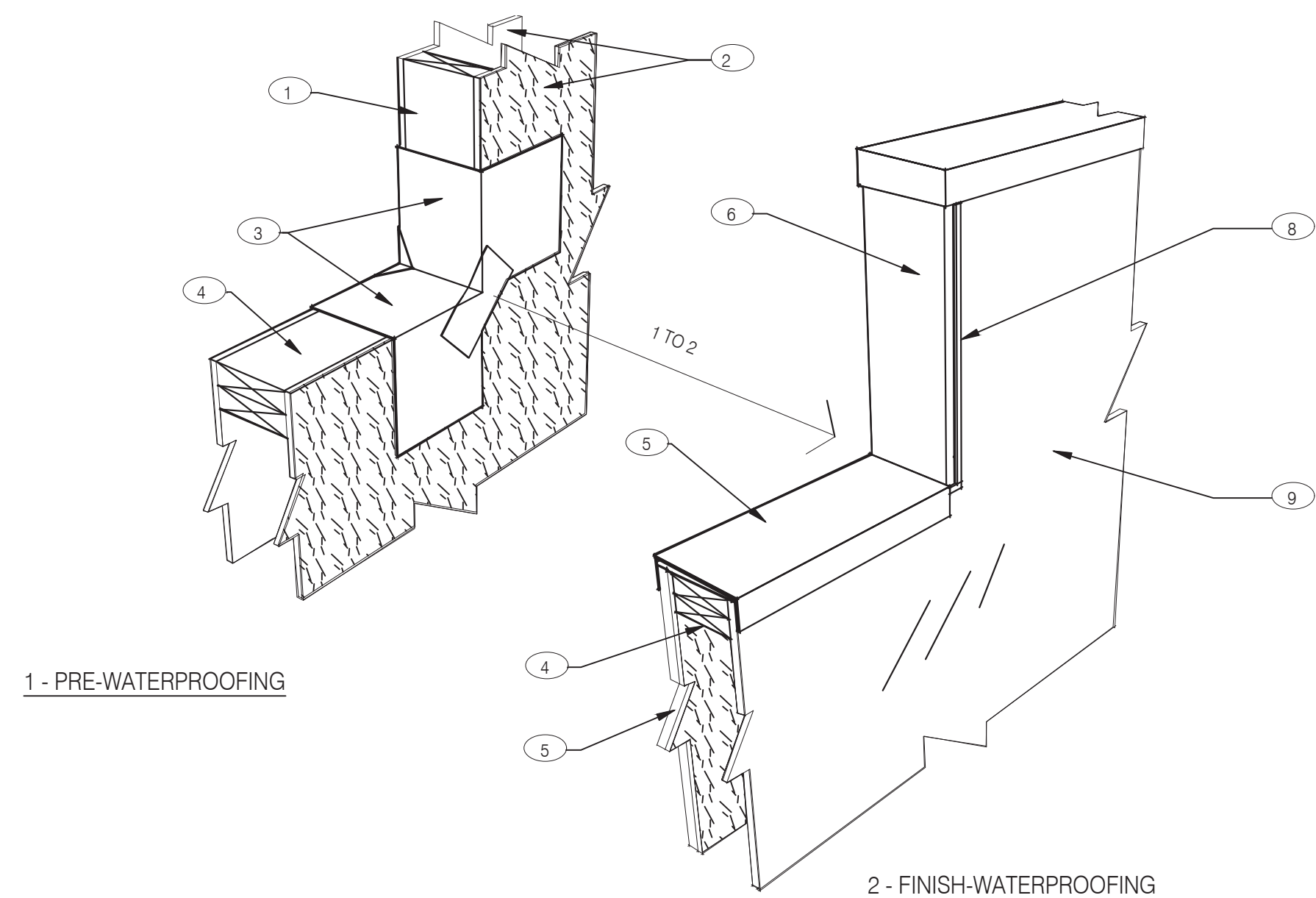
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ENDEAVOR 2.0 CONSTRUCTION DETAILS ROOF

A6.0

PLOT DATE: 8/15/2022

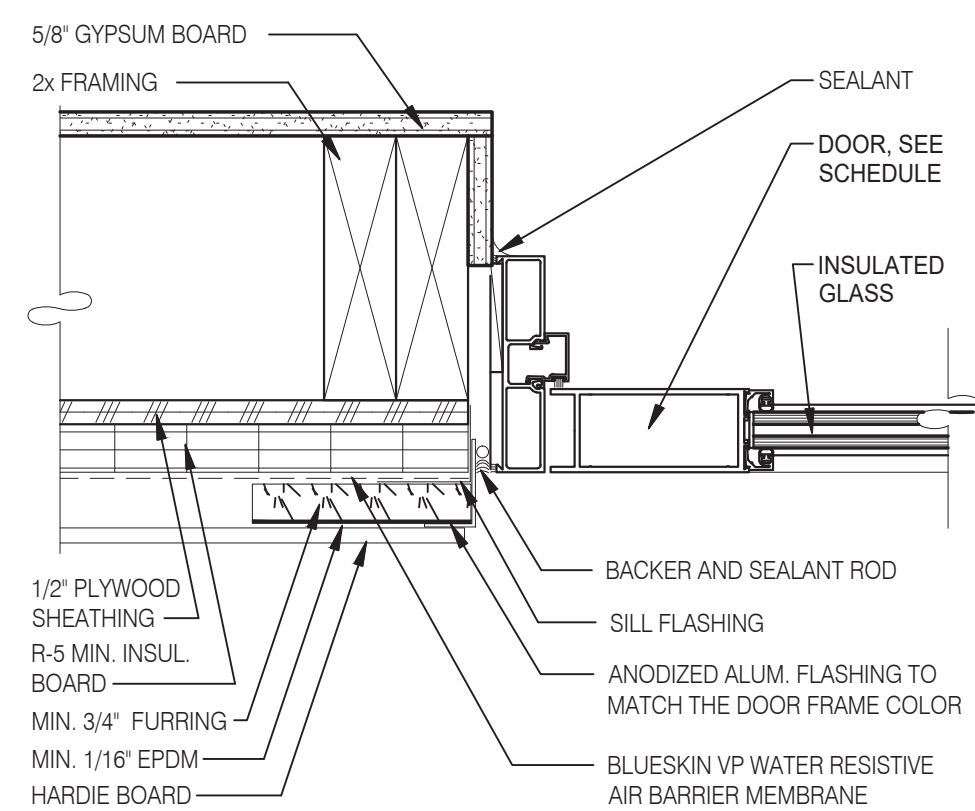


NOTES

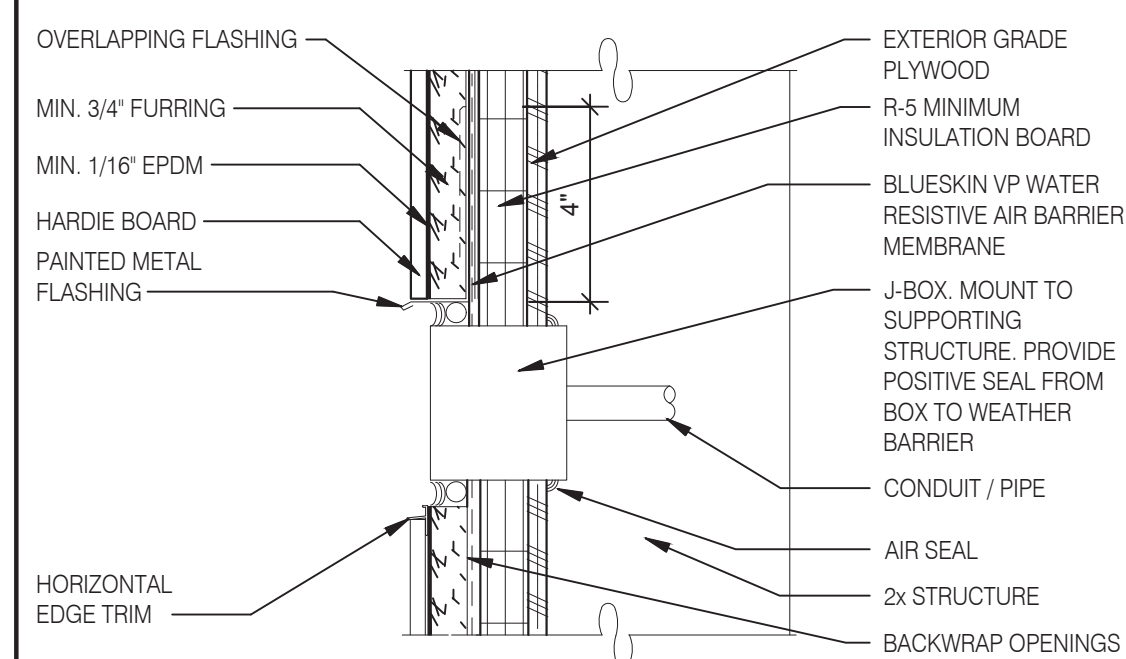
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING.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

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

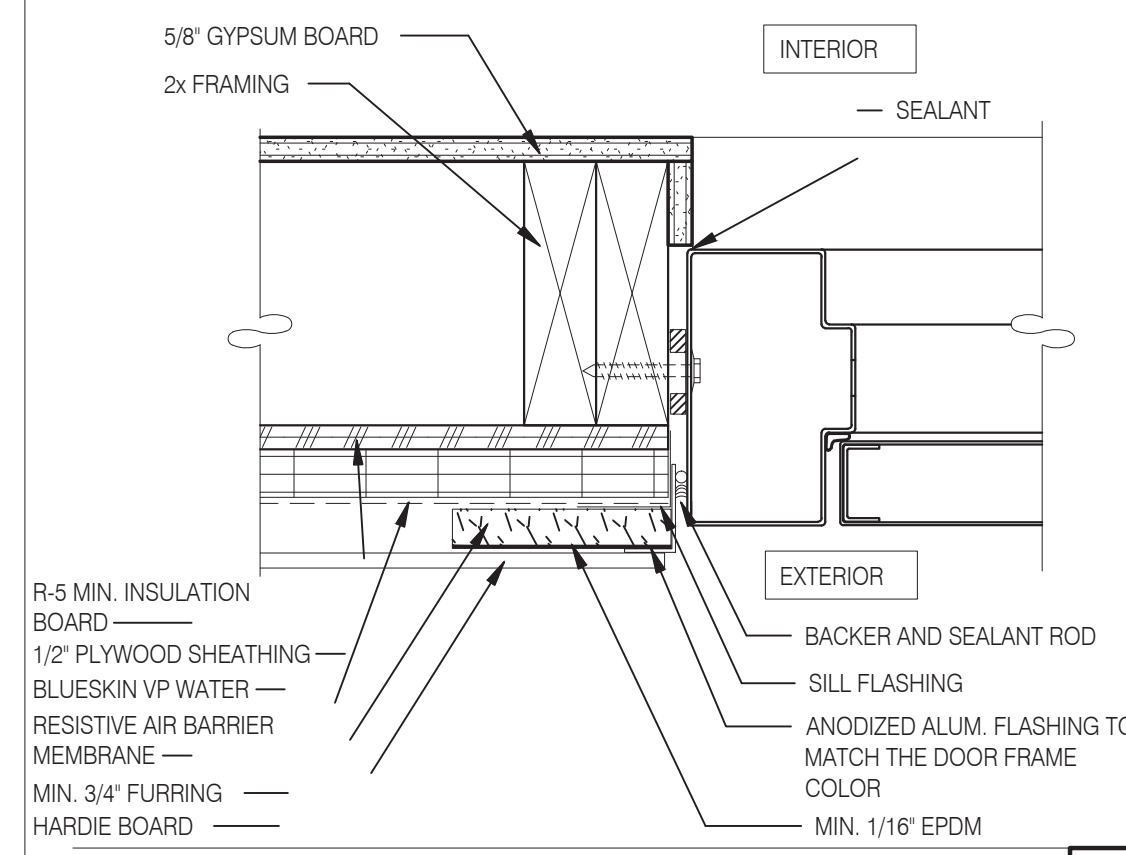
PARAPET CAP & TRANSITION 3" = 1'-0" 13



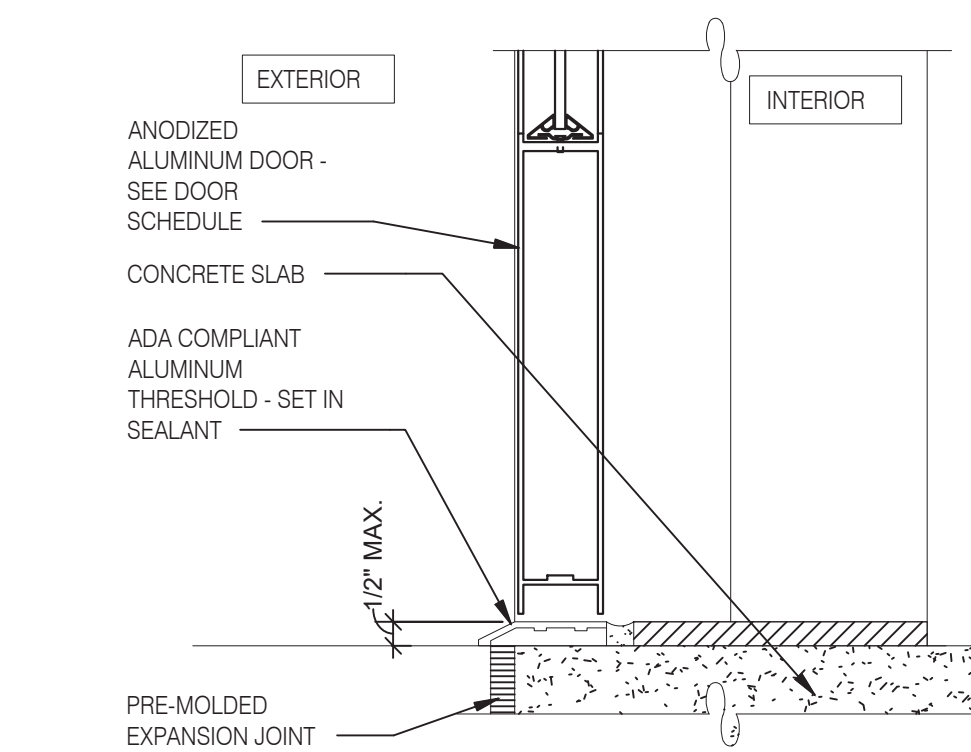
DOOR JAMB 3" = 1'-0" 16



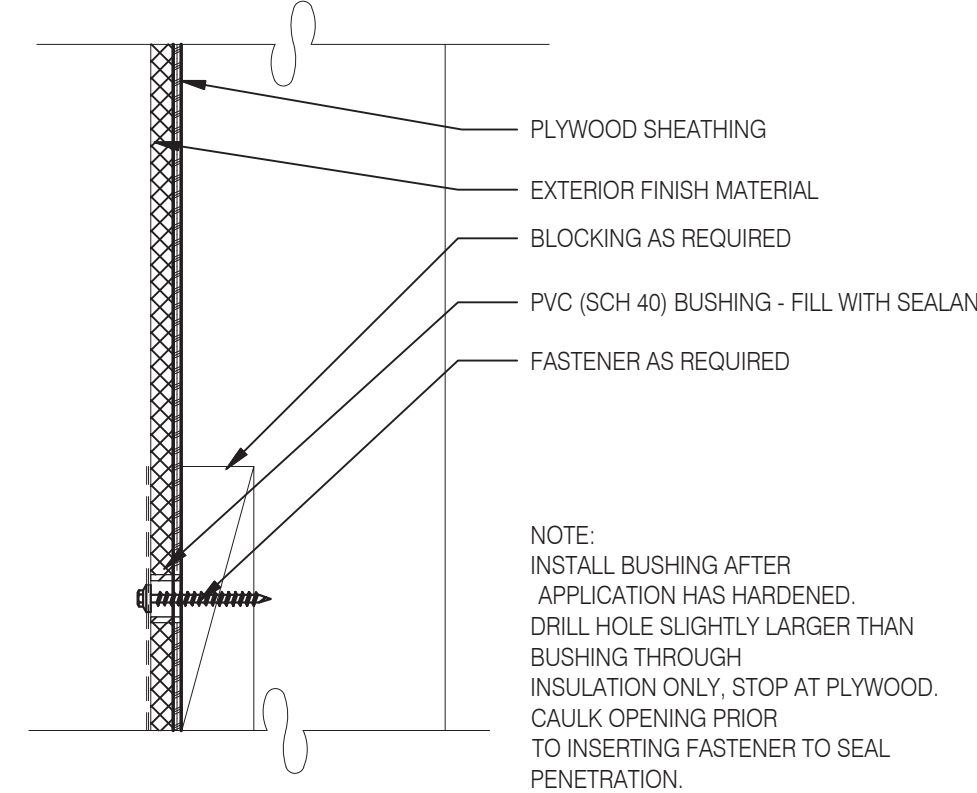
CO2 FILL / J-BOX 3" = 1'-0" 17



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

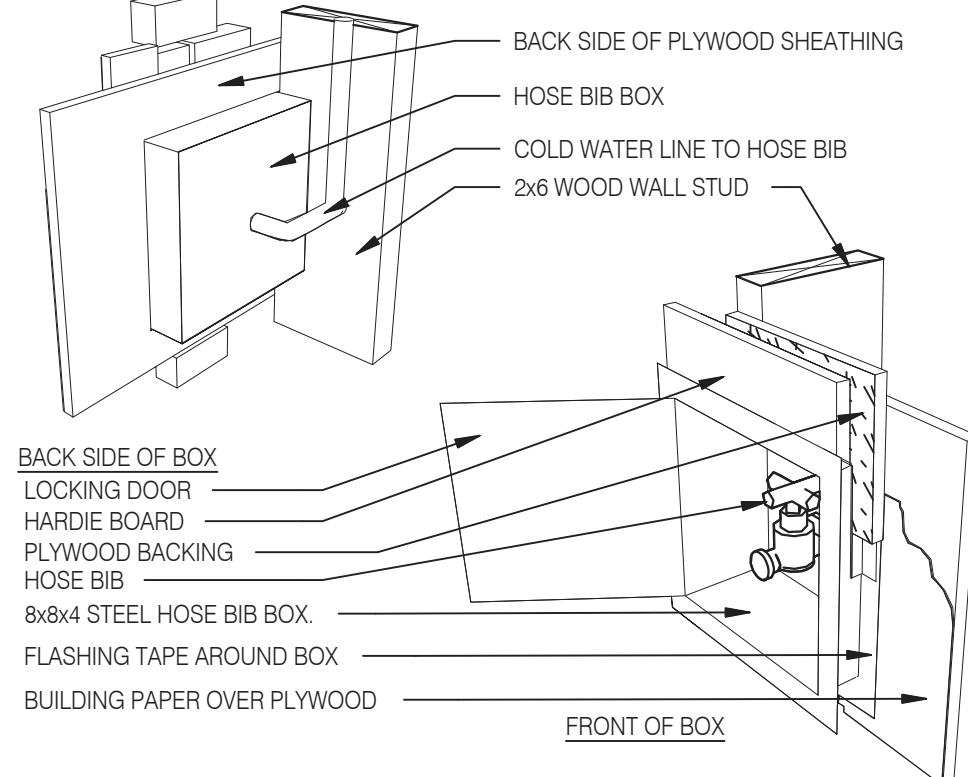


STOREFRONT DOOR SILL 3" = 1'-0" 10

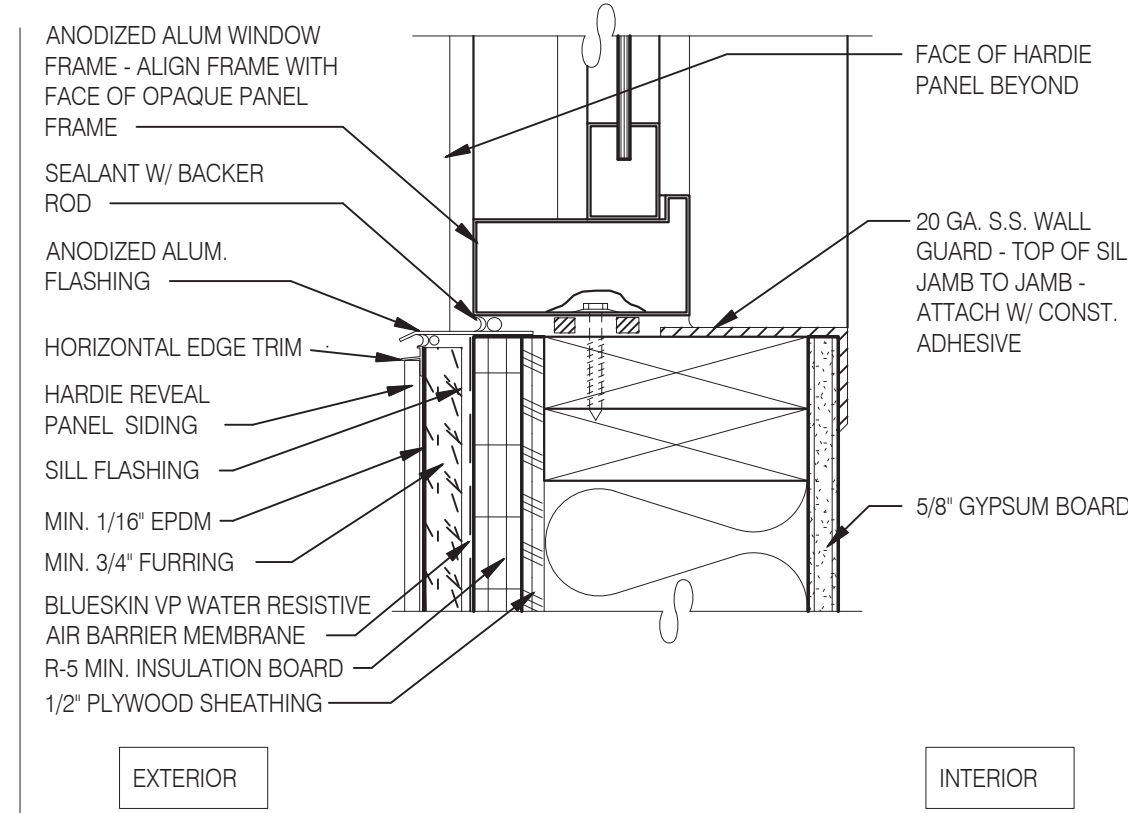


CONNECTION THRU EXIST. FINISH 1" = 1'-0" 11

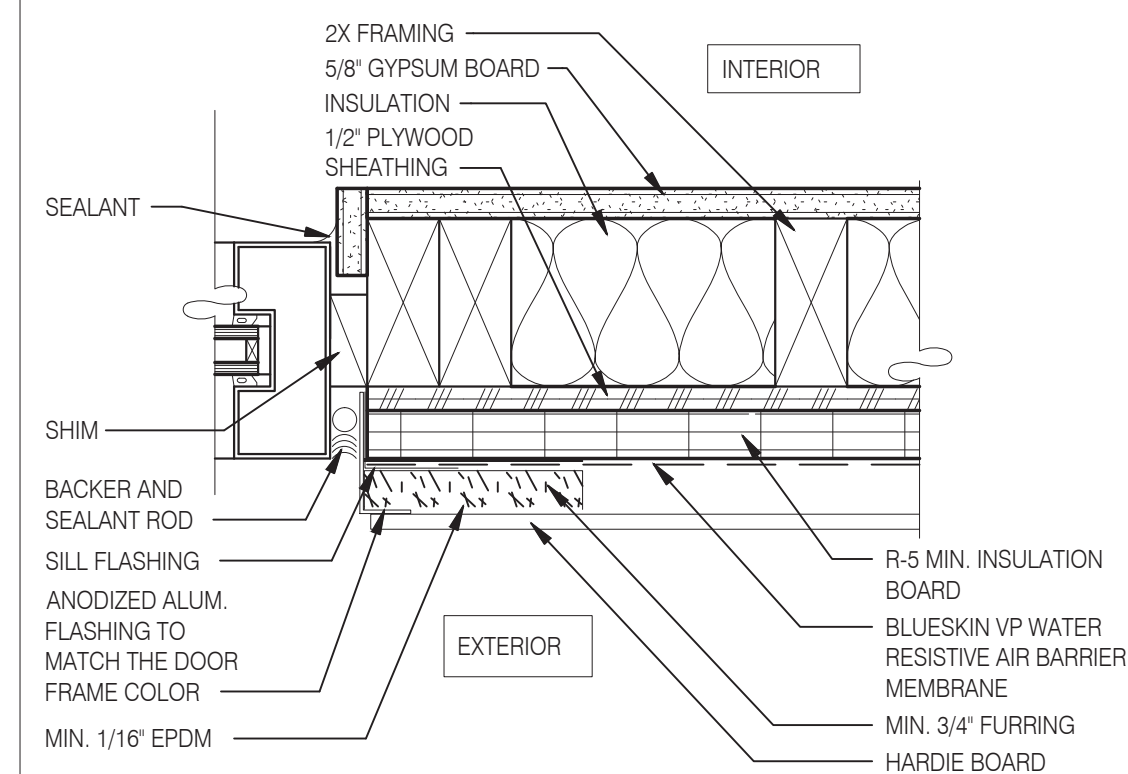
NOTE: HOSE BIB BOX SHALL BE ACUDOR-ARWB OR EQUAL



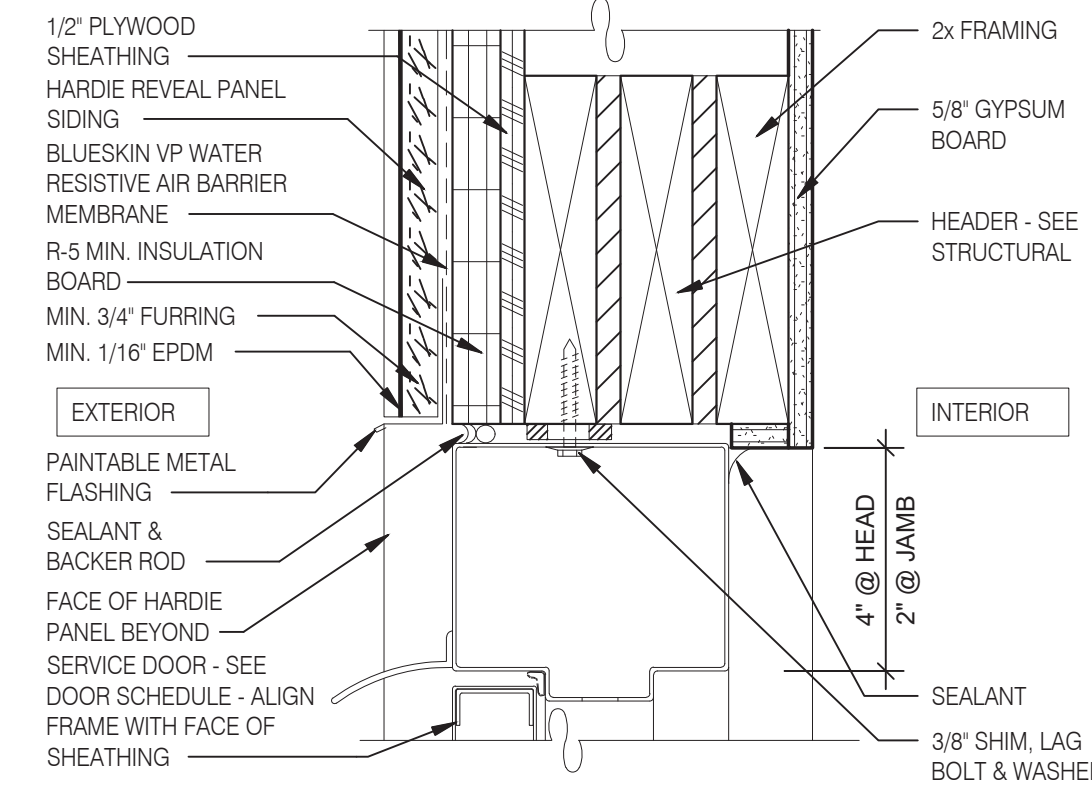
HOSE BIB BOX 3" = 1'-0" 12



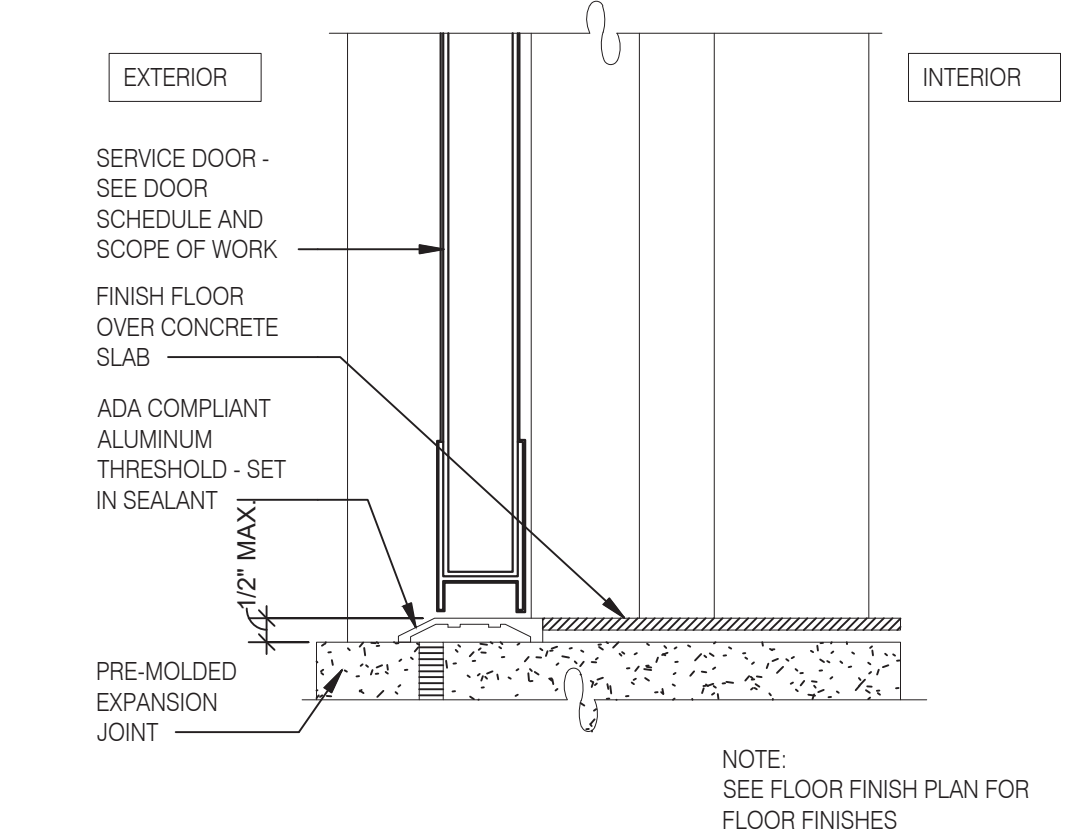
WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5



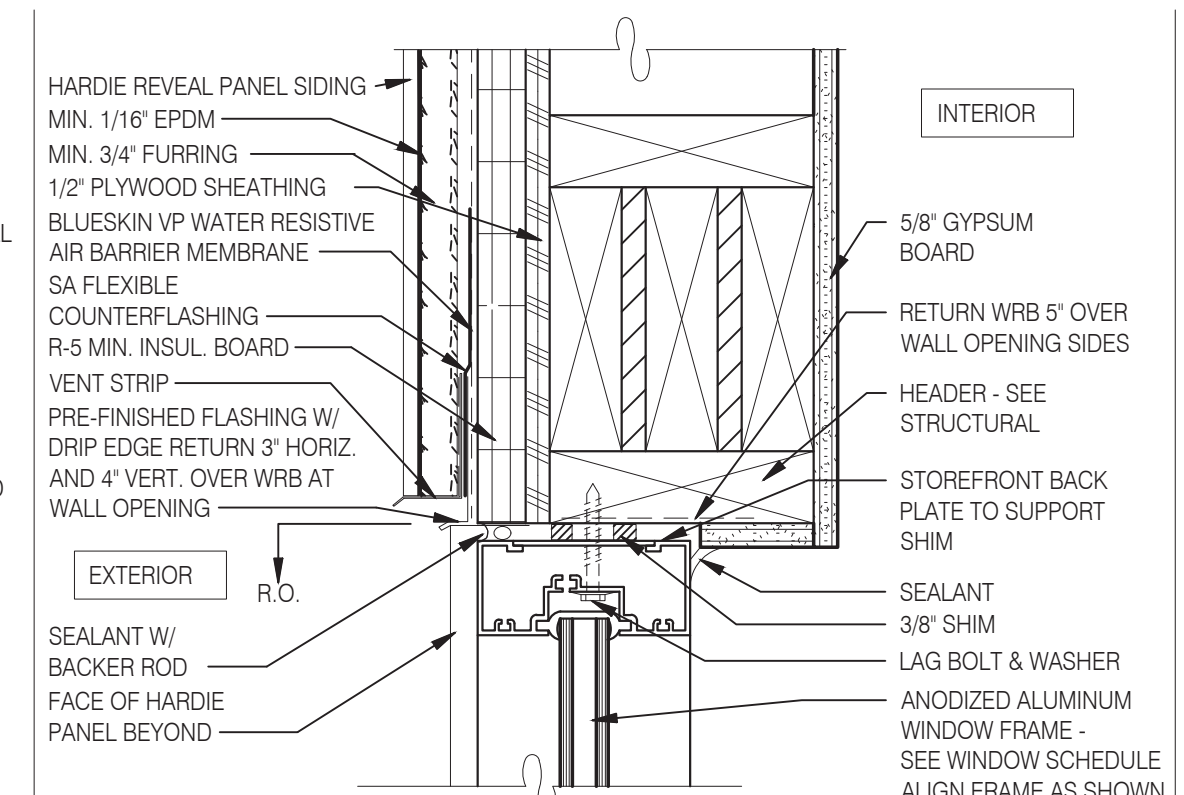
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



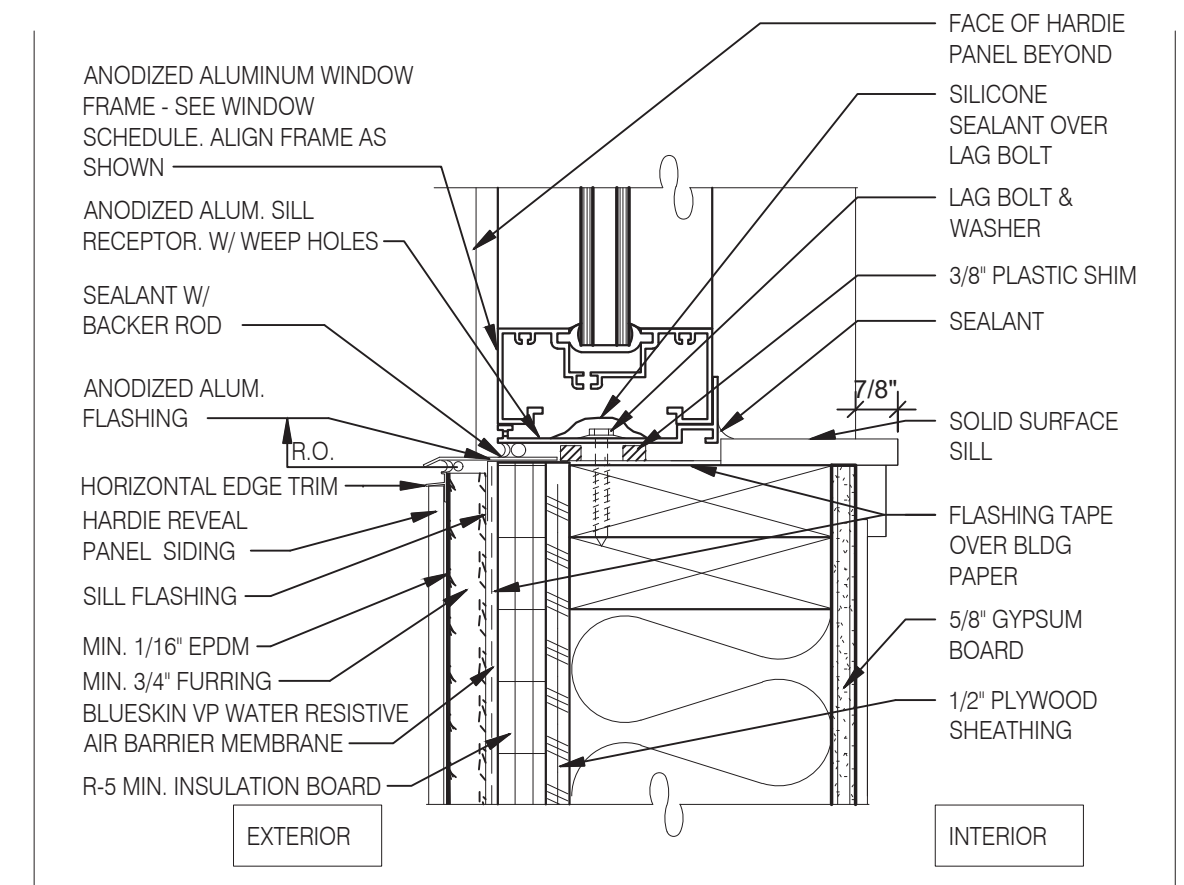
HEAD/ JAMB @ SERVICE DOOR 3" = 1'-0" 7



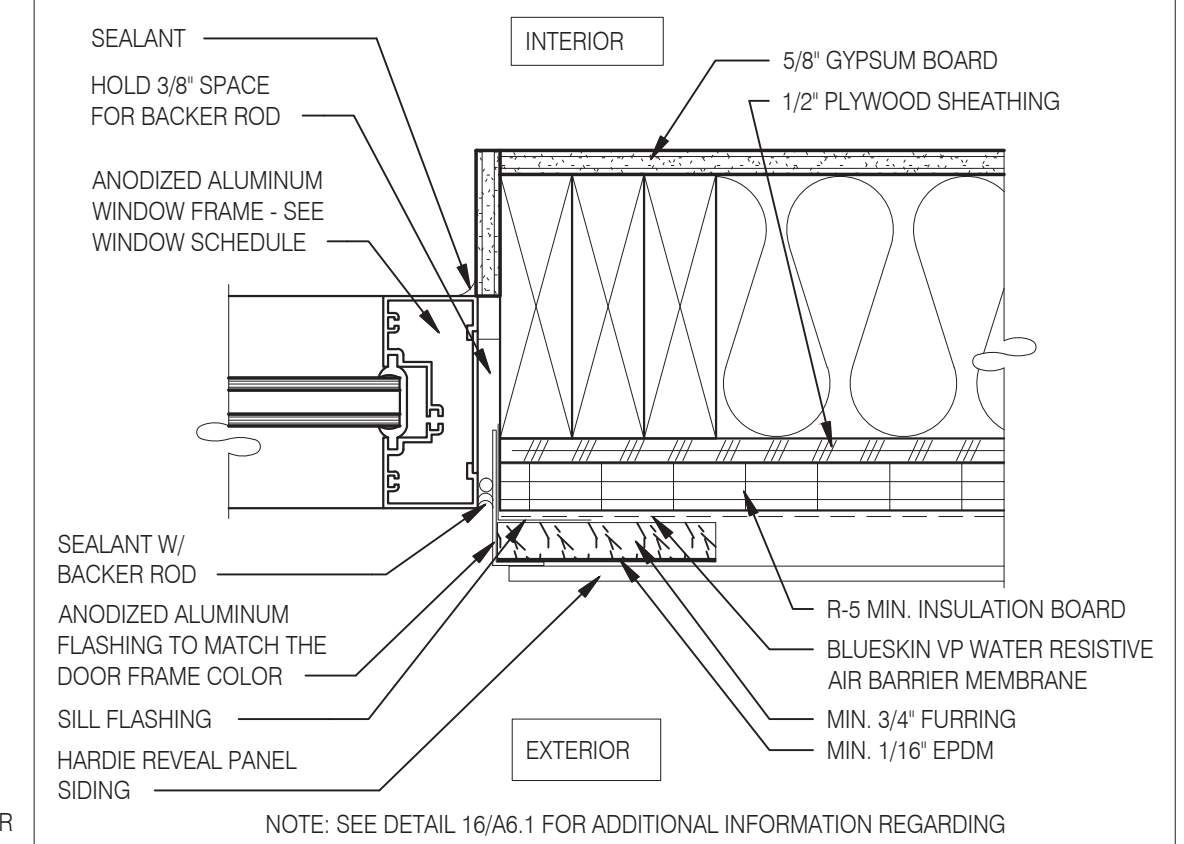
THRESHOLD @ SERVICE DOOR 3" = 1'-0" 8



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



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



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

GENERAL NOTES:

HARDIE BOARD TO BE ATTACHED WITH CONCEALED FASTENERS PER MANUFACTURERS SPECIFICATIONS



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PROJECT # 21017

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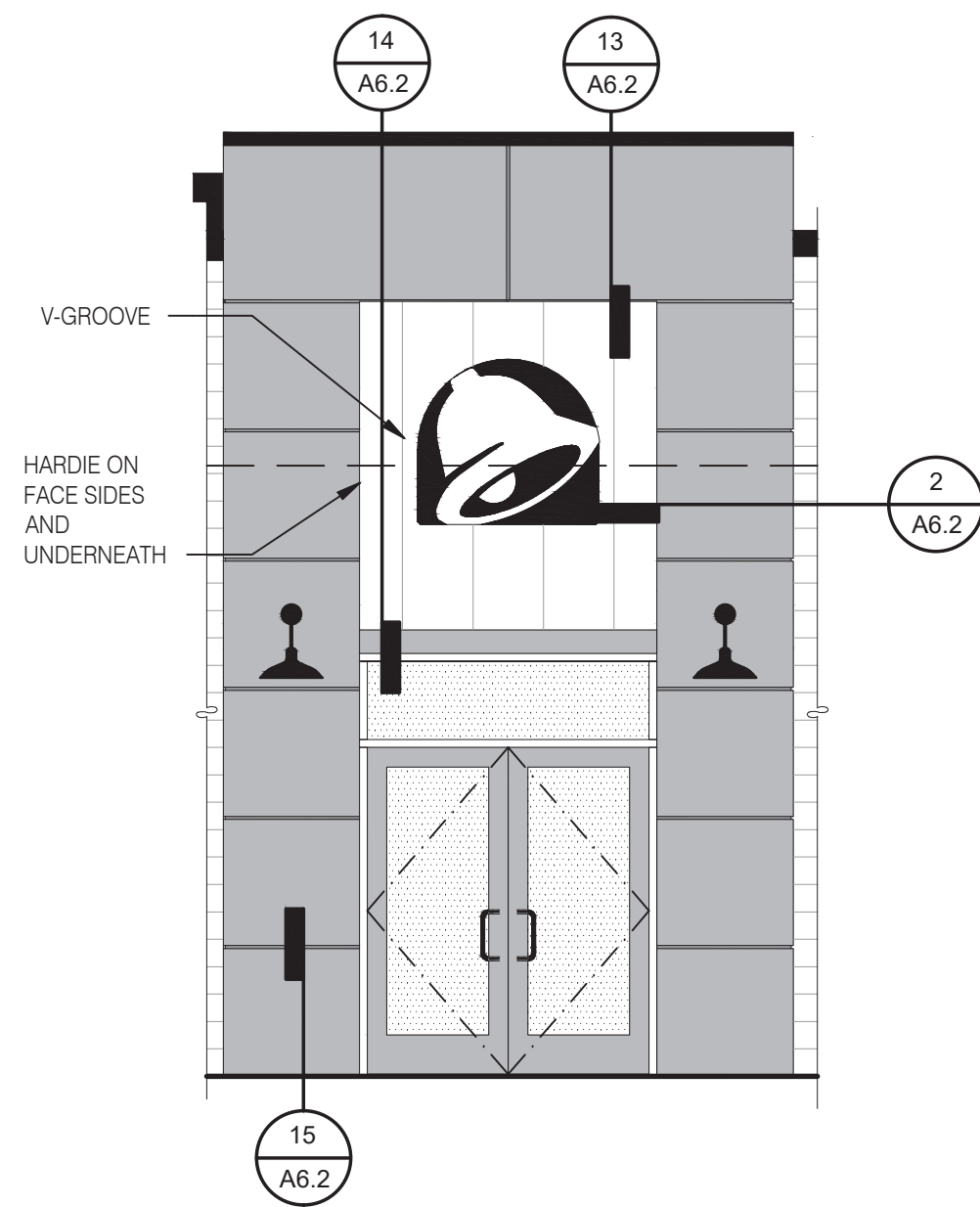
GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



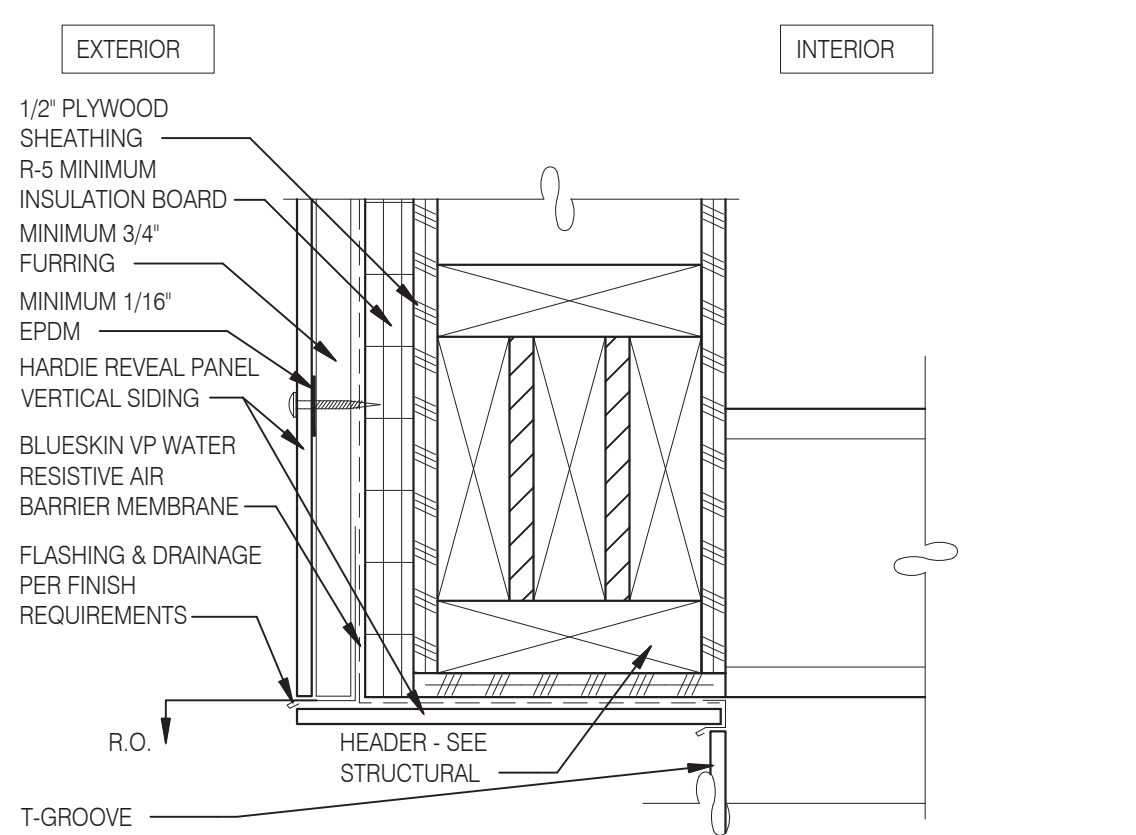
ENDEAVOR 2.0 CONSTRUCTION DETAILS DOOR/WINDOW

A6.1

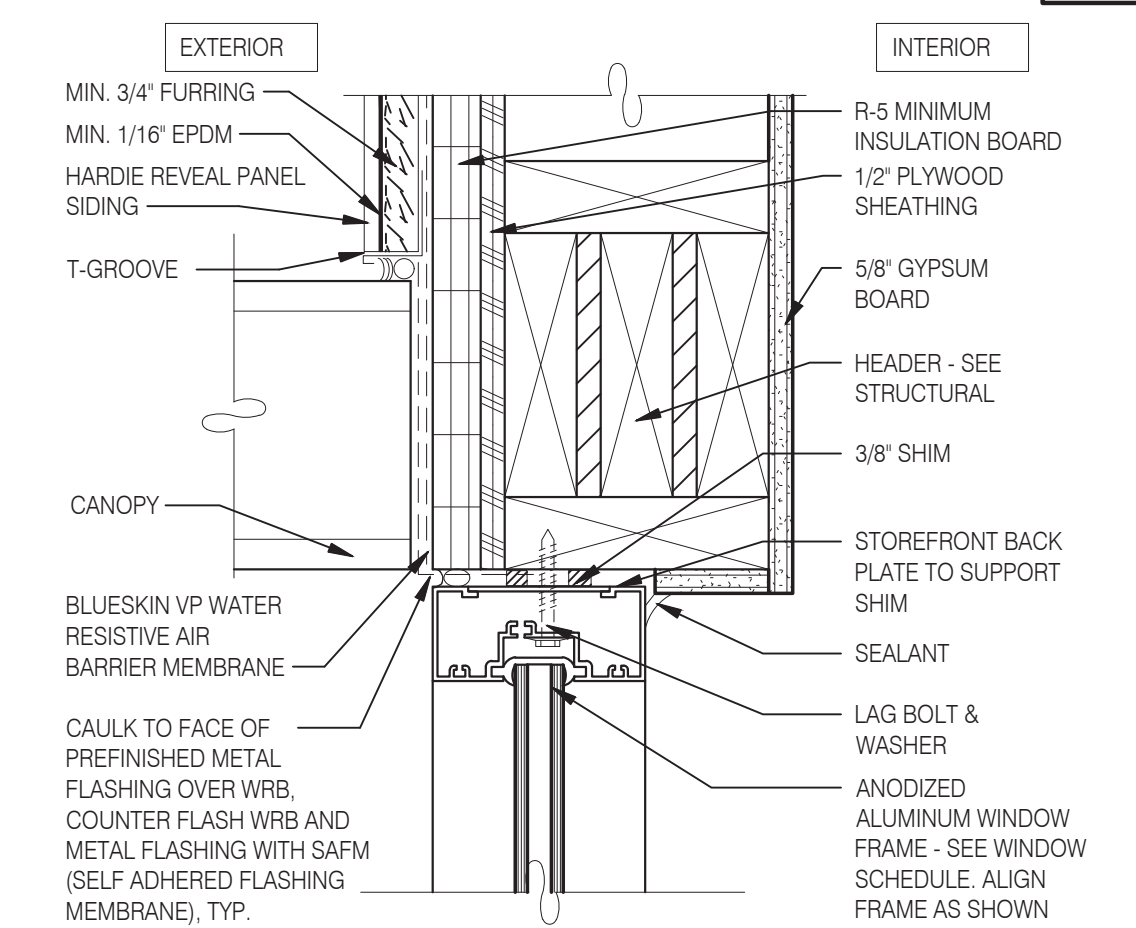
PLOT DATE: 8/15/2022



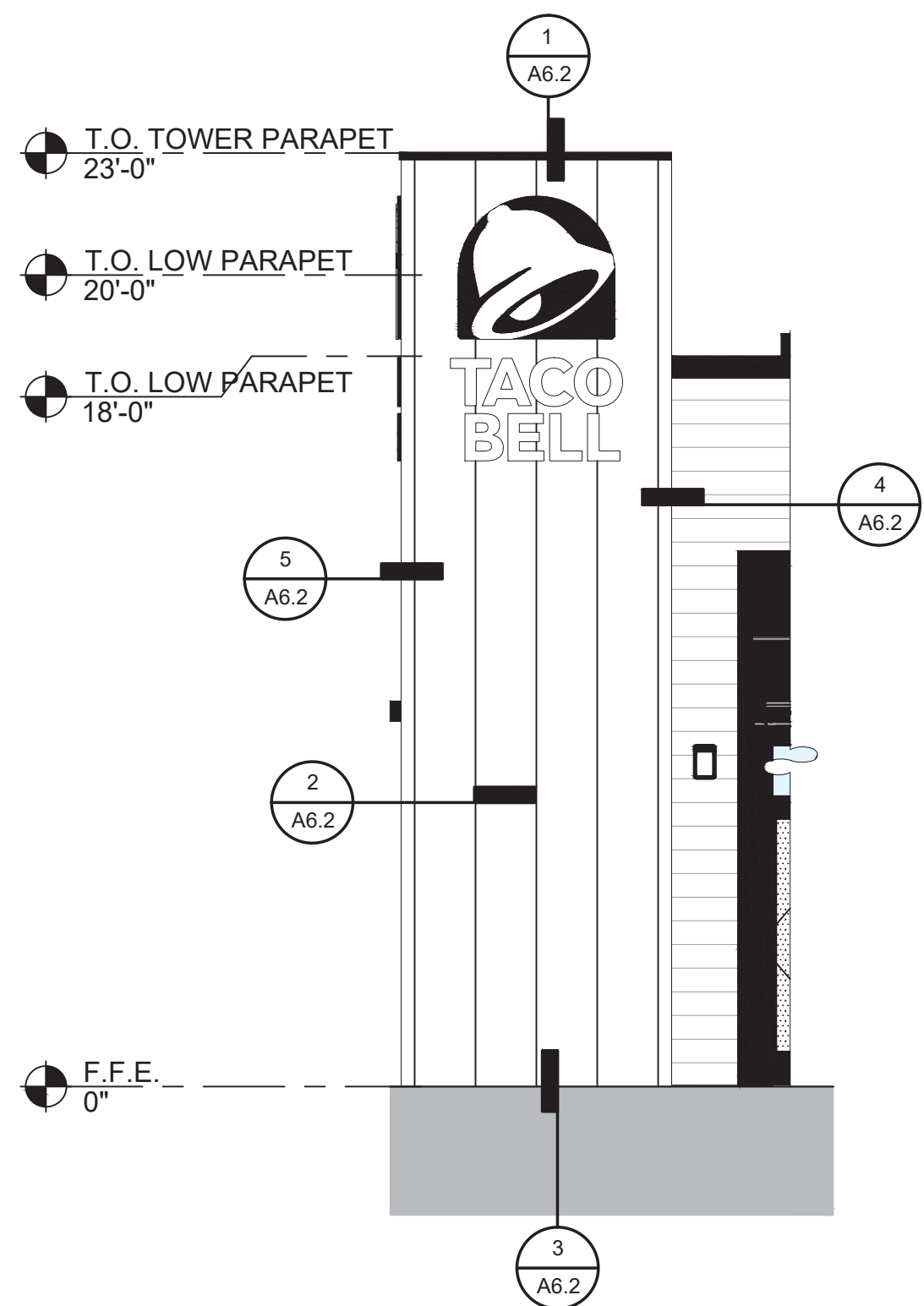
FRONT ELEVATION 1/4" = 1'-0" **18**



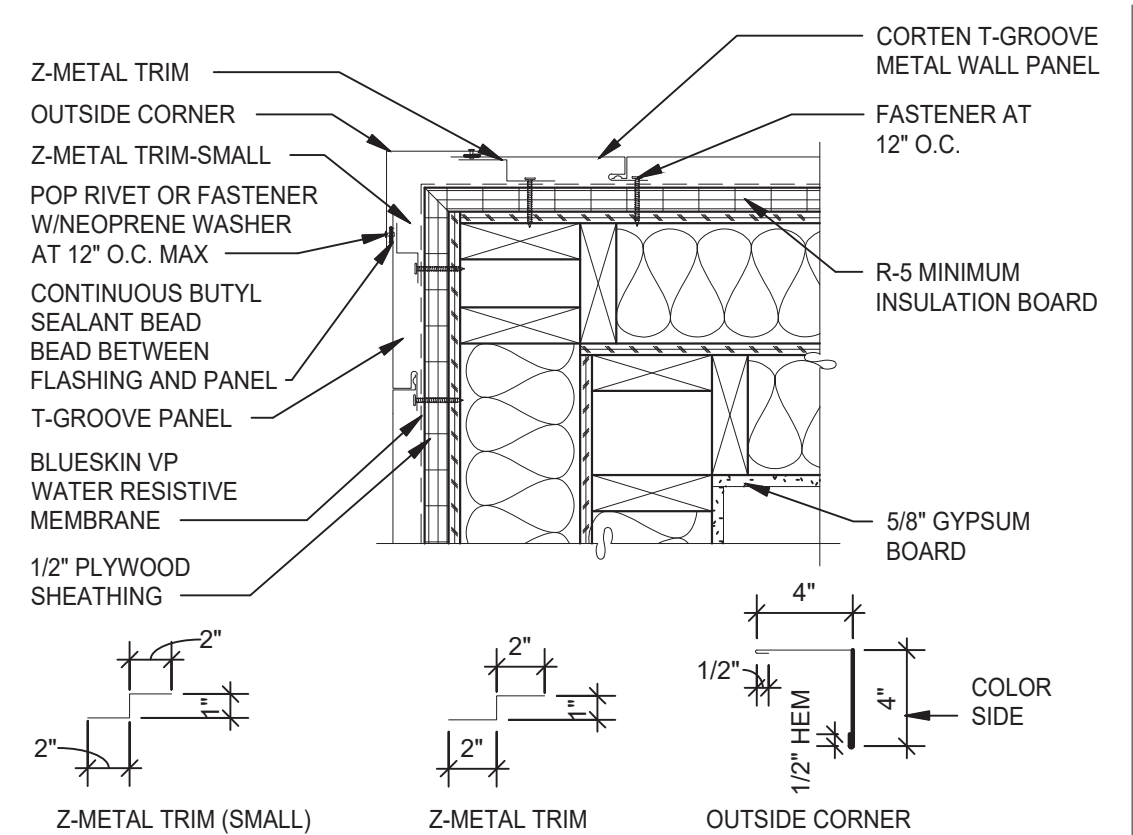
PARAPET CORNER 3" = 1'-0" **13**



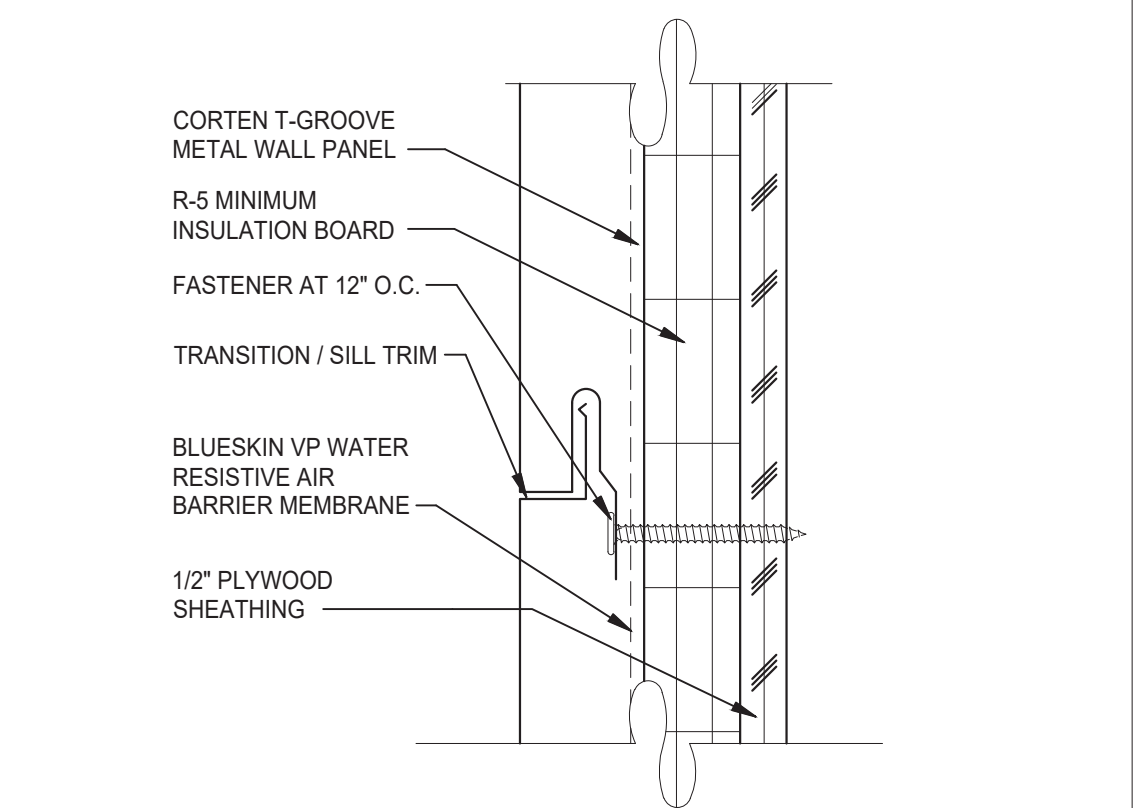
TYPICAL WINDOW HEAD W/ CANOPY 3" = 1'-0" **14**



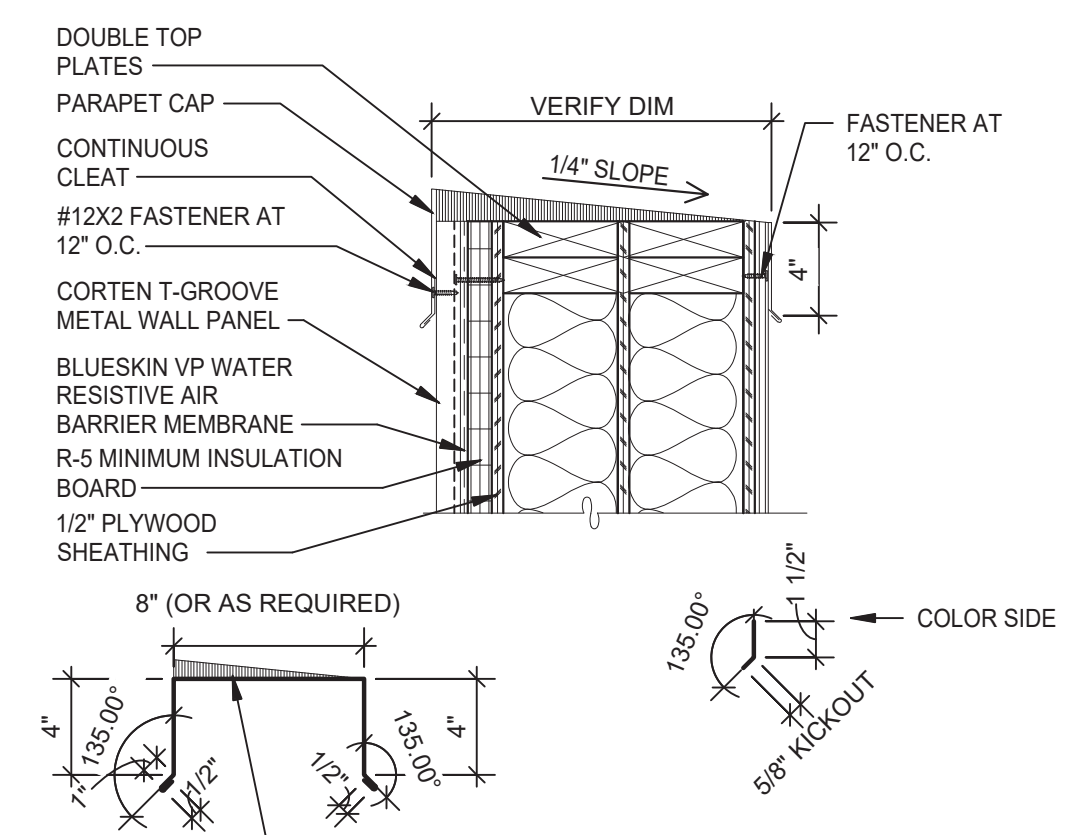
FRONT ELEVATION 1/4" = 1'-0" **10**



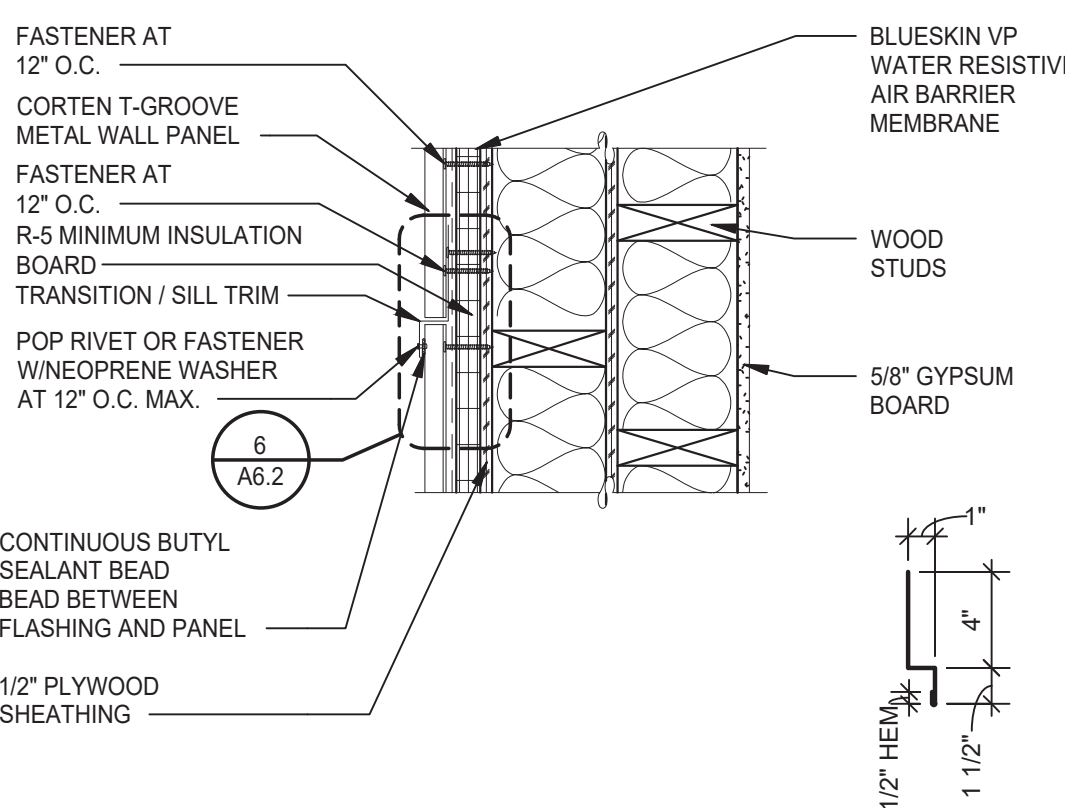
OUTSIDE CORNER 1 1/2" = 1'-0" **5**



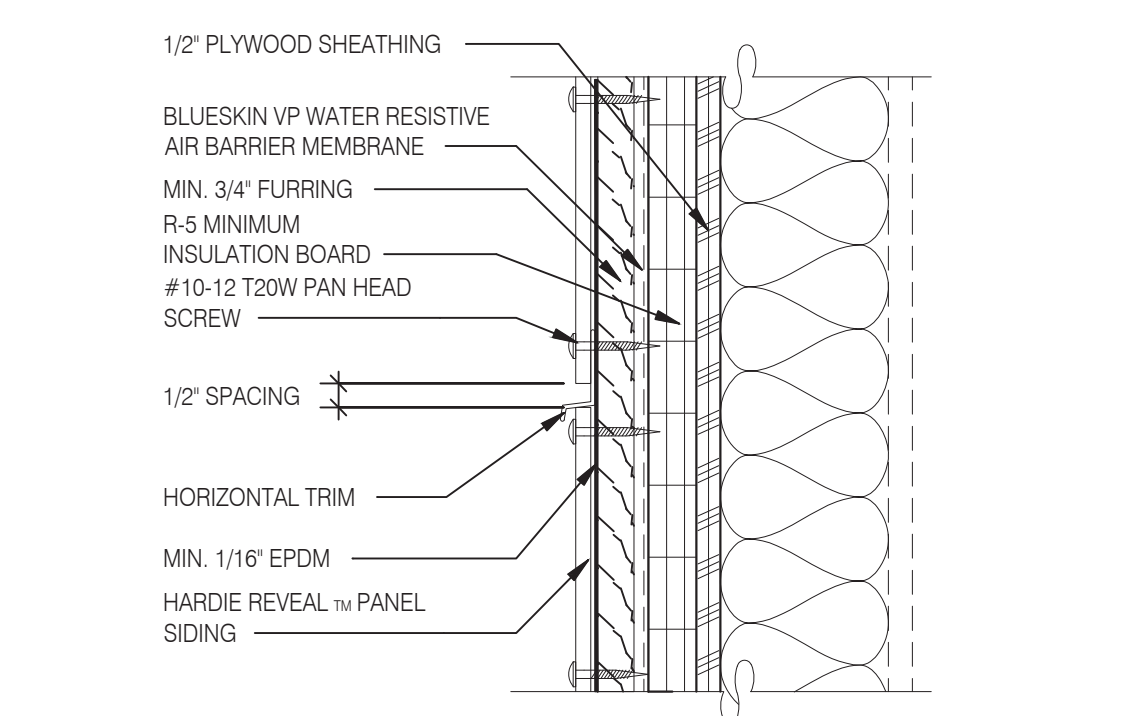
PANEL JOINT 6" = 1'-0" **6**



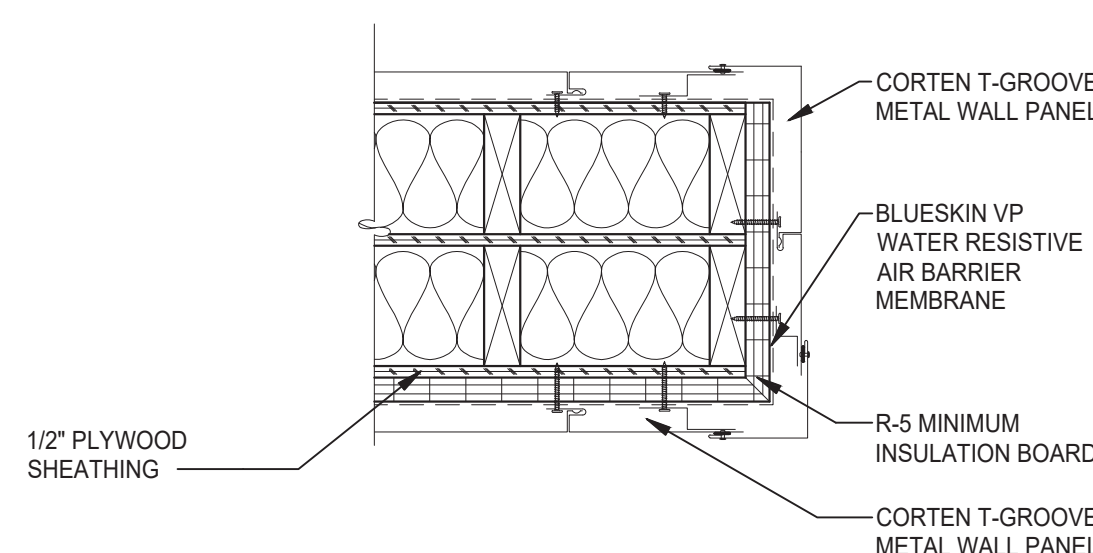
PARAPET 1 1/2" = 1'-0" **1**



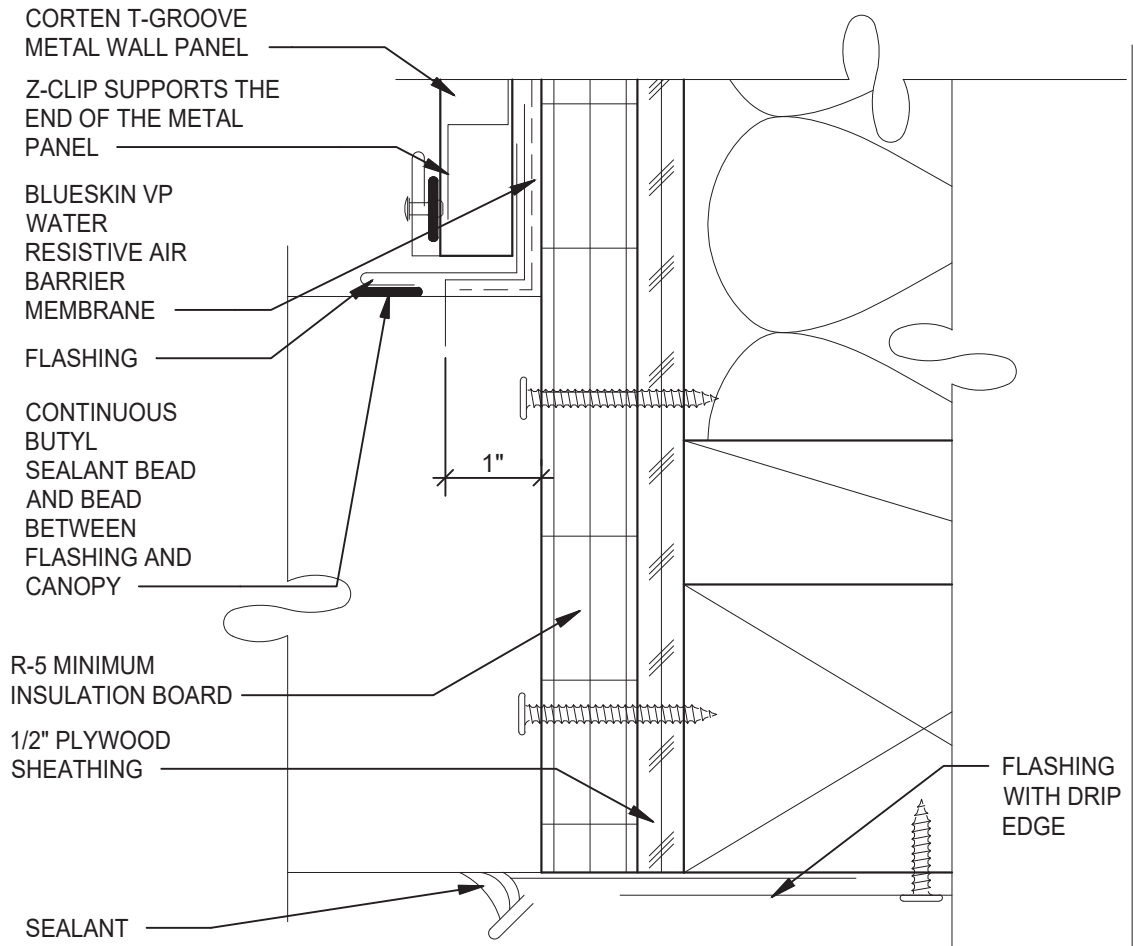
VERTICAL PANEL JOINT 1 1/2" = 1'-0" **2**



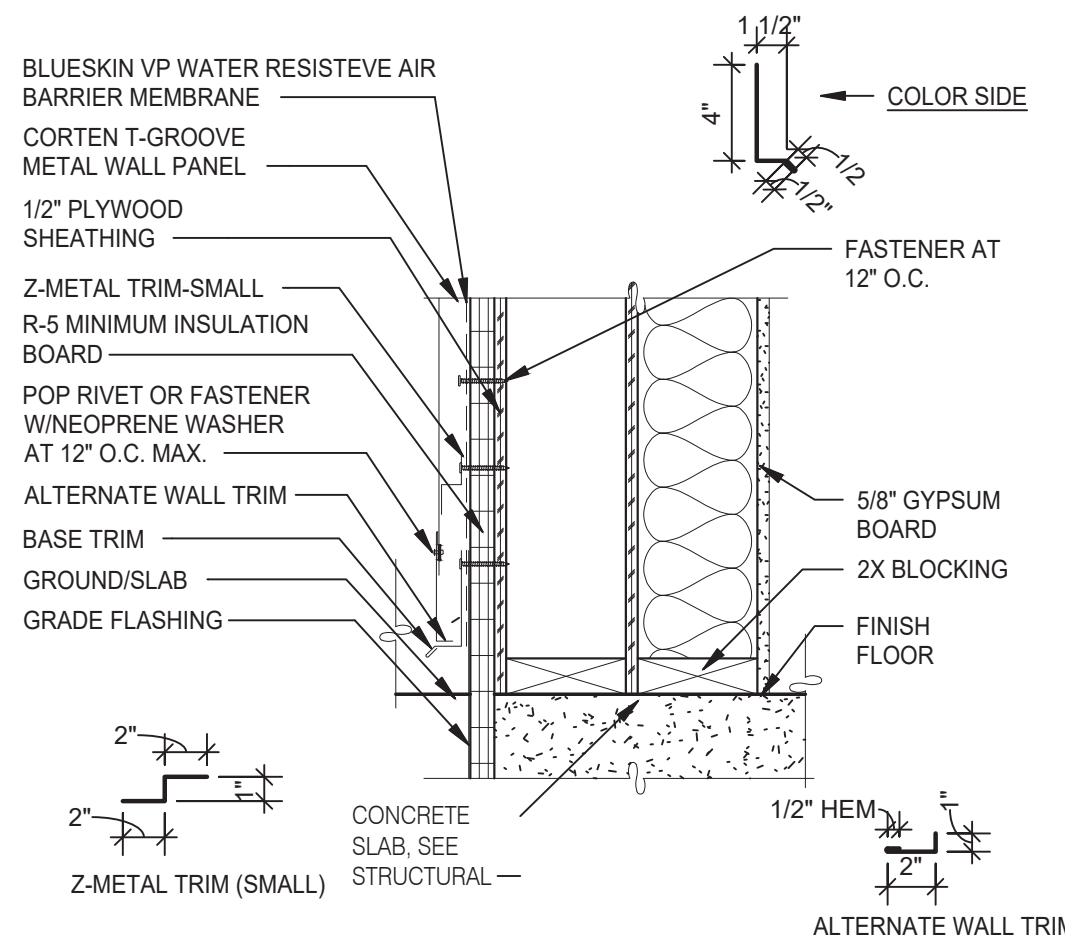
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" **15**



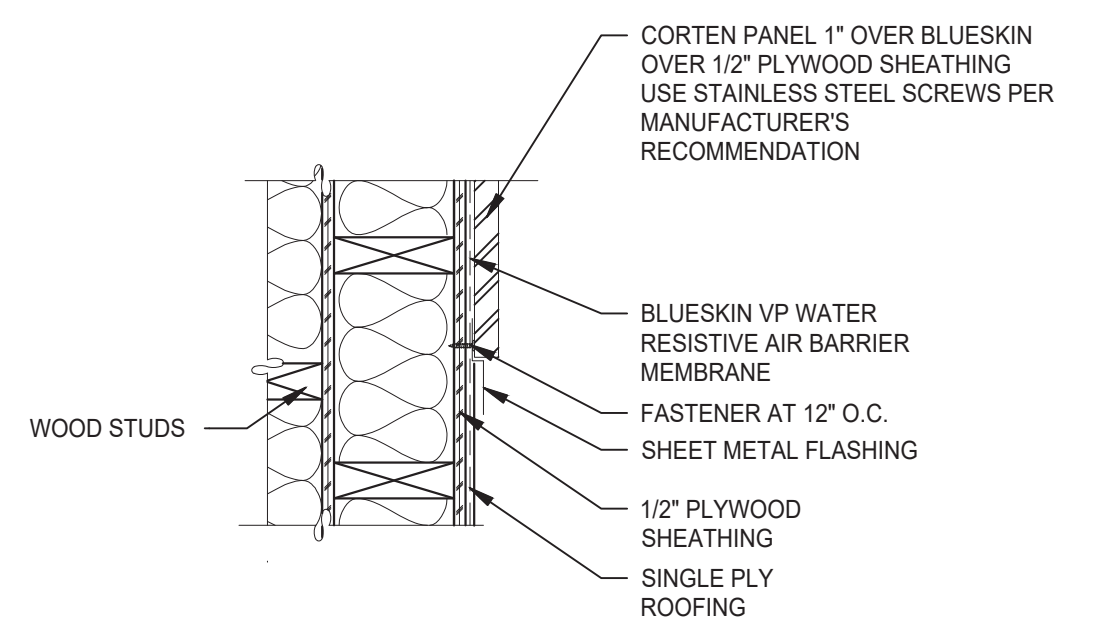
CORTEN T-GROOVE METAL PANEL 1 1/2" = 1'-0" **11**



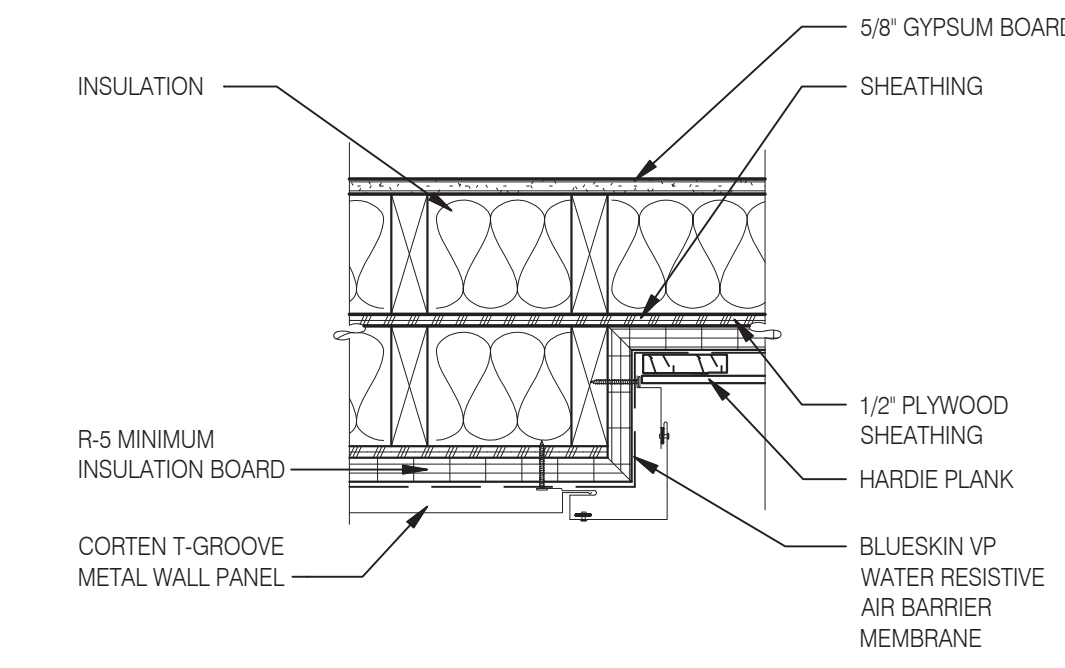
ENLARGED CANOPY DETAIL 6" = 1'-0" **7**



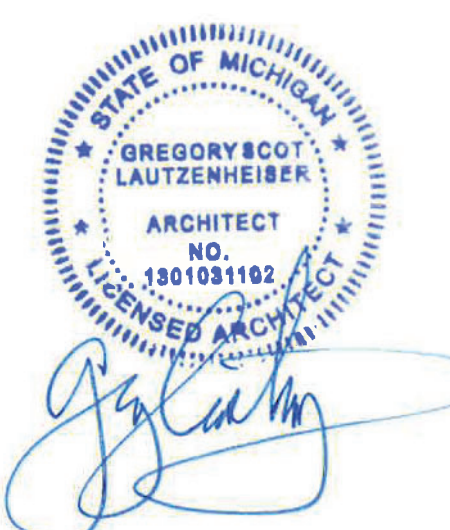
BASE TRIM HORIZONTAL 1 1/2" = 1'-0" **3**



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



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



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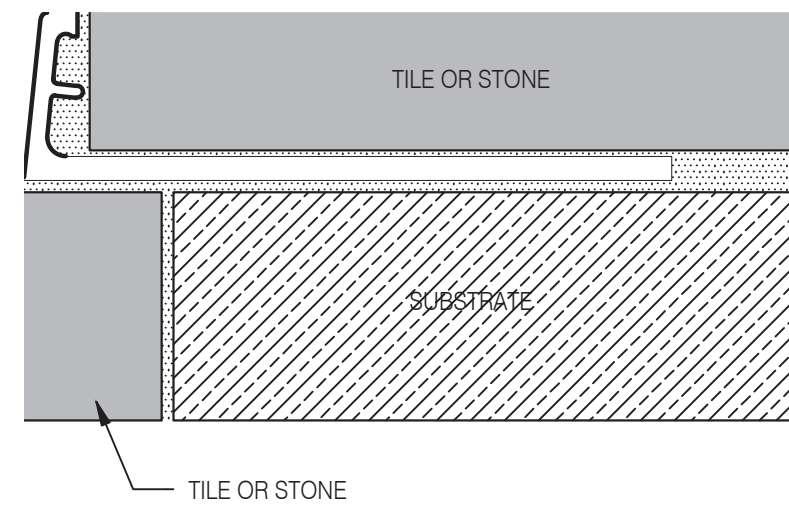
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Walton Boulevard
Pontiac, Michigan 48340



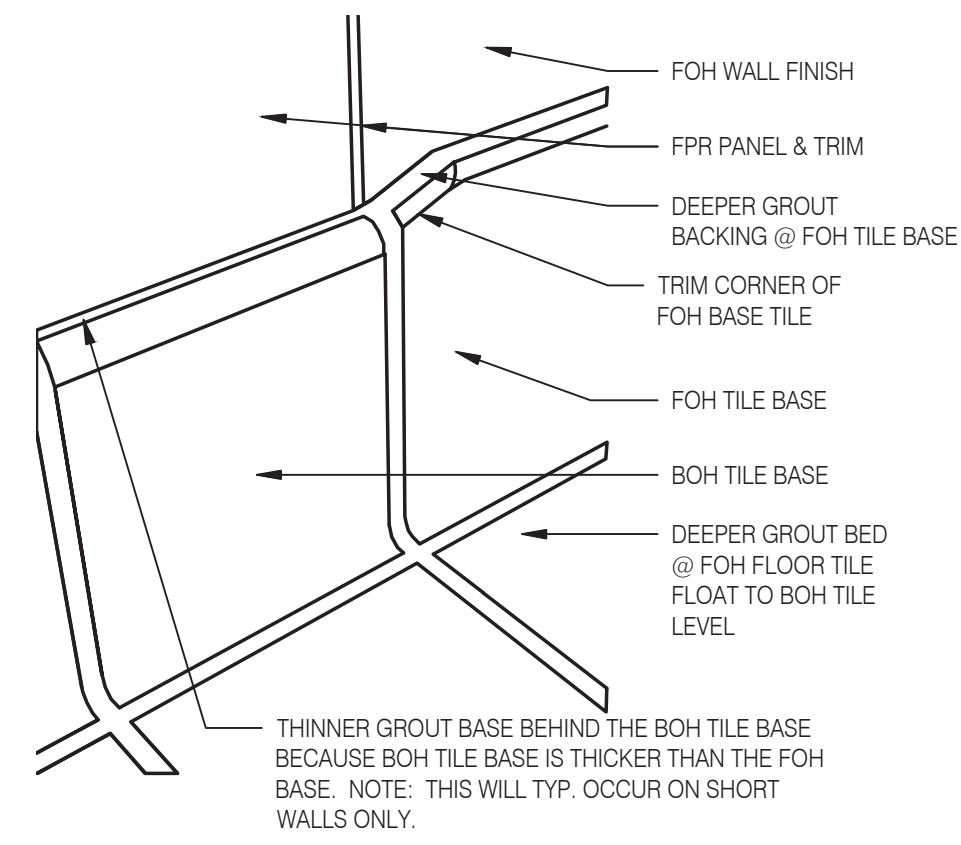
ENDEAVOR 2.0 CONSTRUCTION DETAILS WALL

A6.2

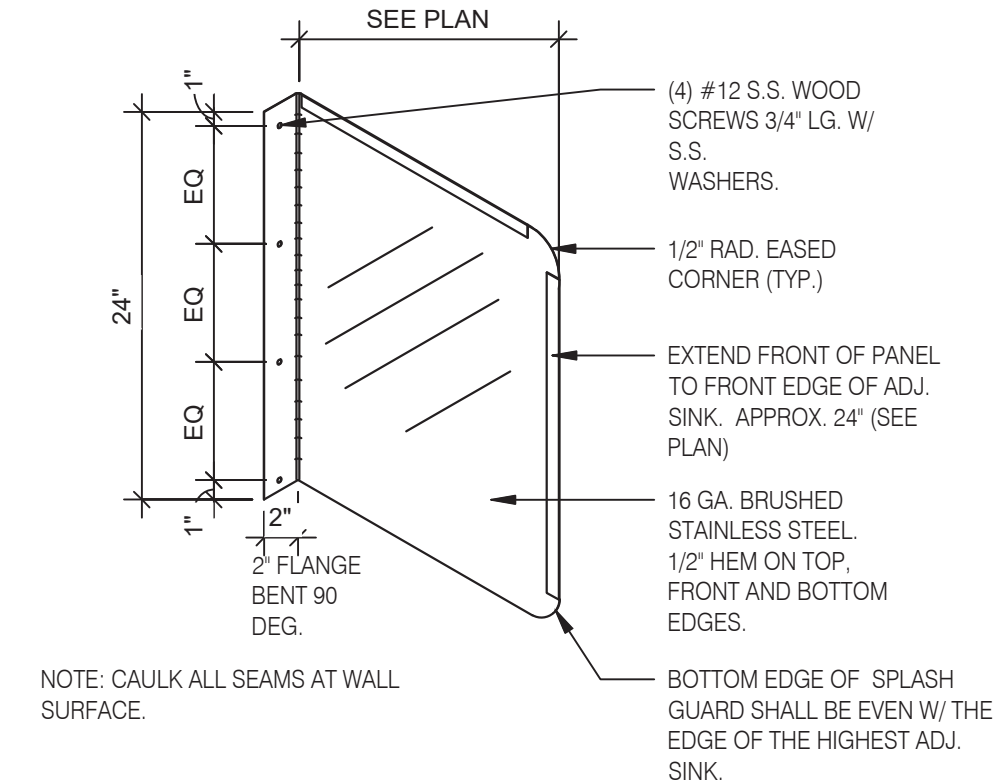
PLOT DATE: 8/15/2022



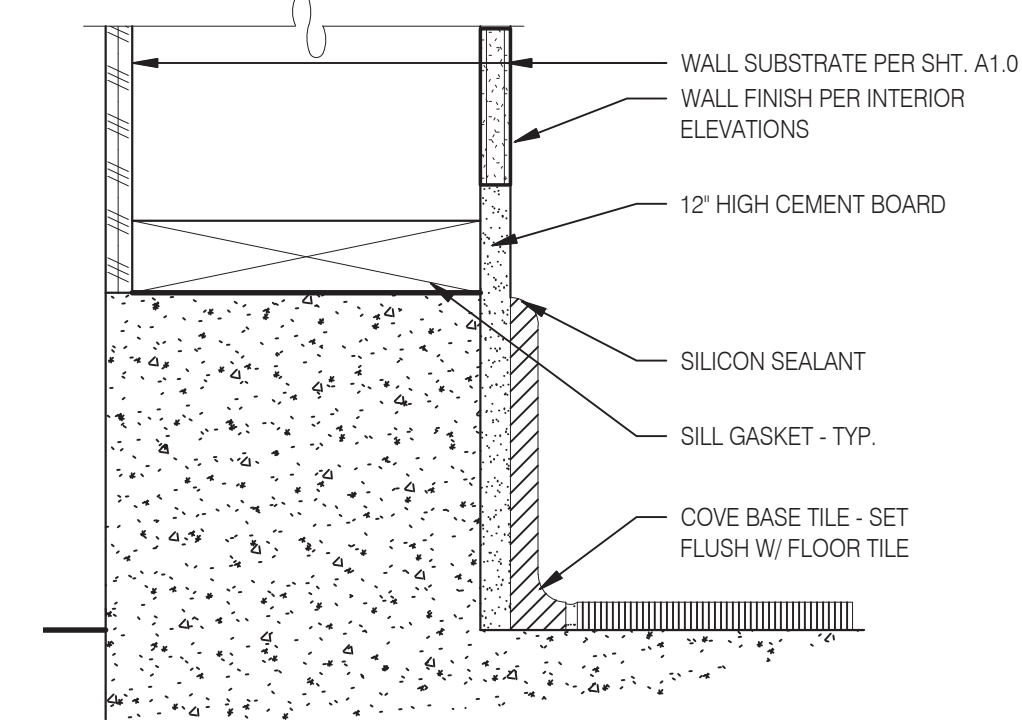
Schluter Jolly Corner Guard 1 1/2" = 1'-0" **17**



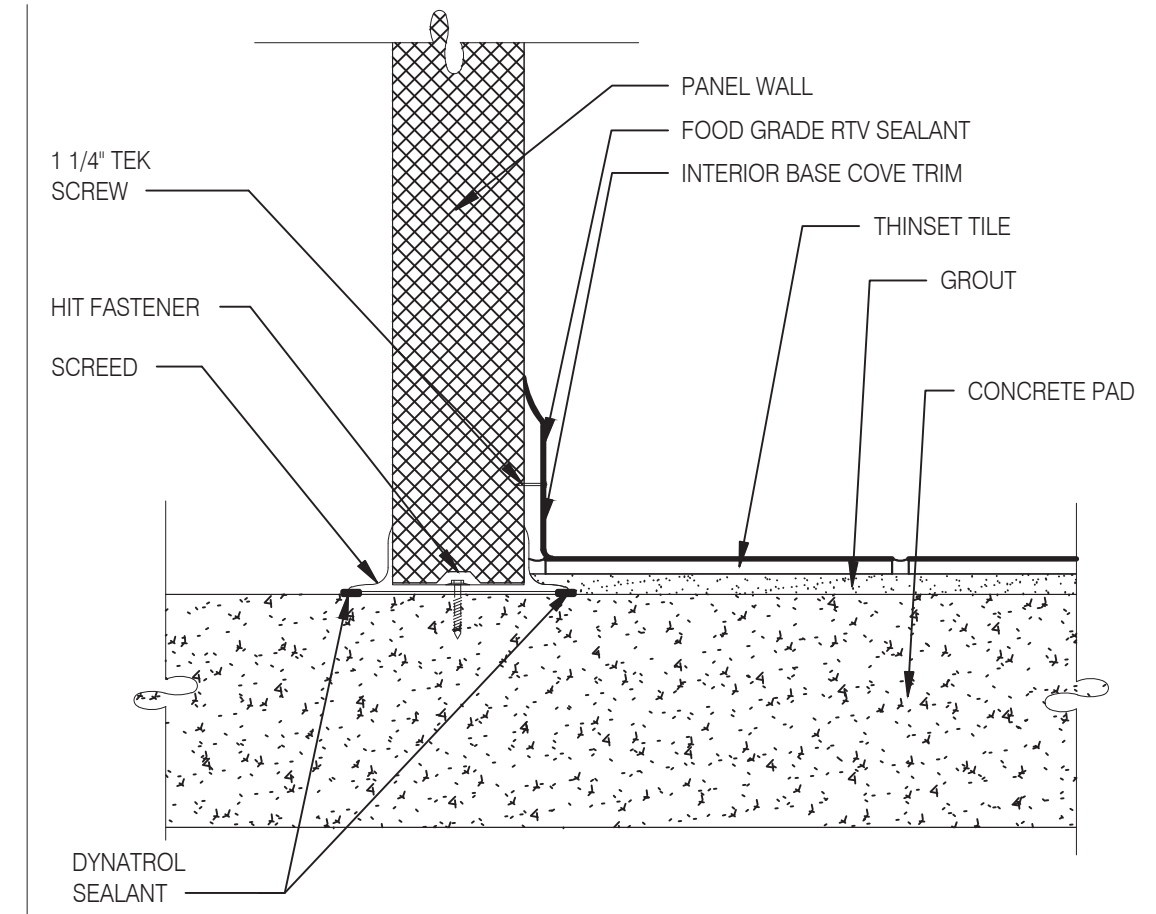
Tile Base Transition 12" = 1'-0" **13**



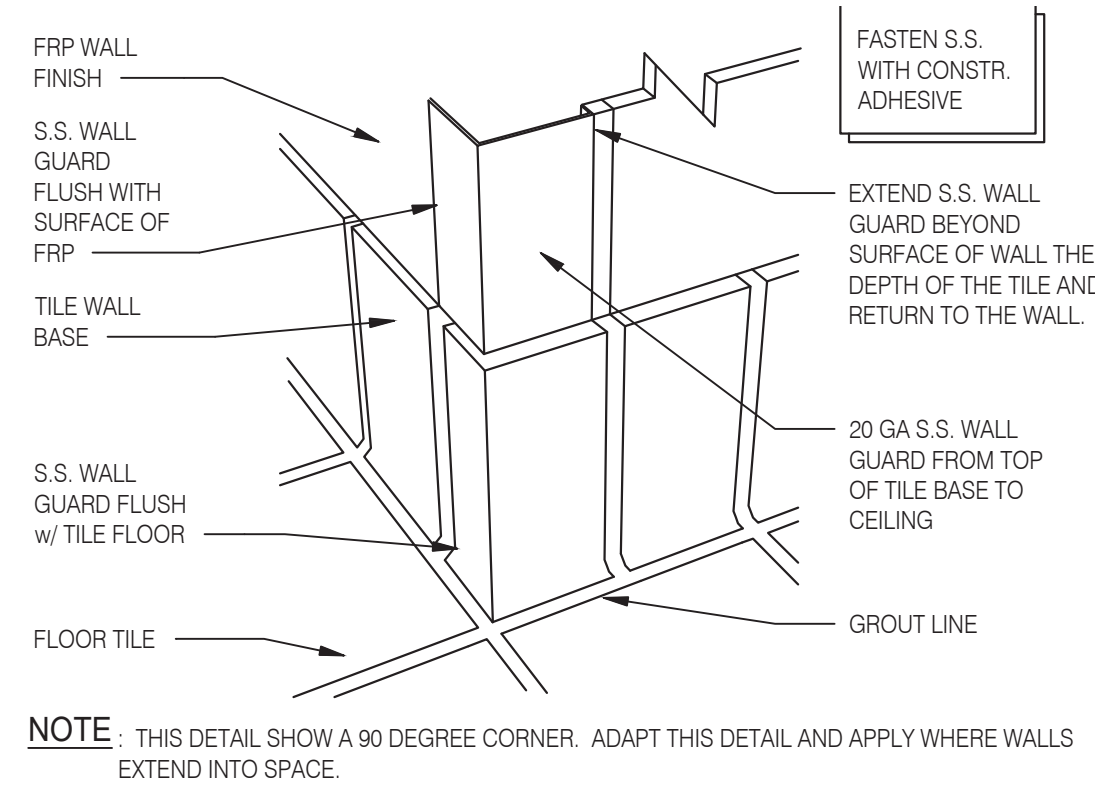
Splash Guard 1" = 1'-0" **9**



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

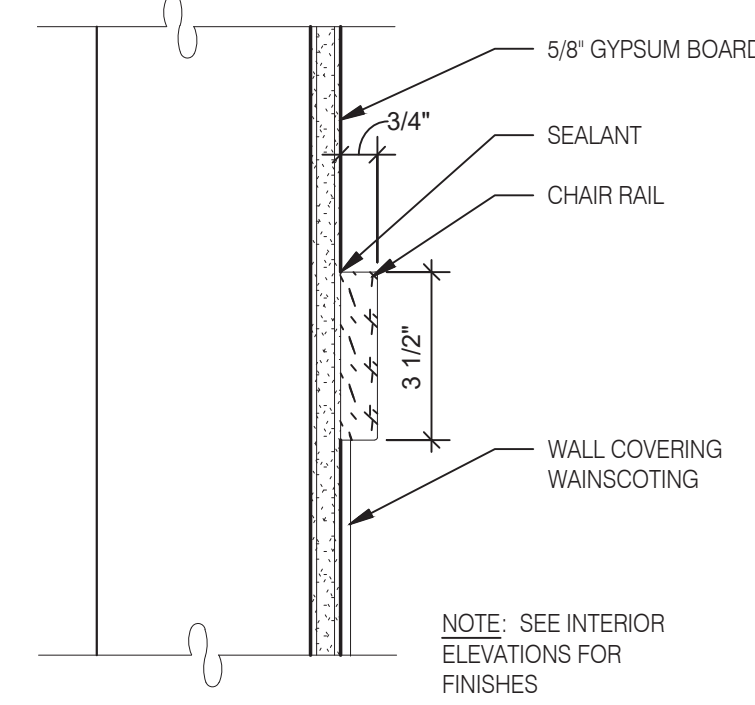


Walk-in Tile/Base 1 1/2" = 1'-0" **1**

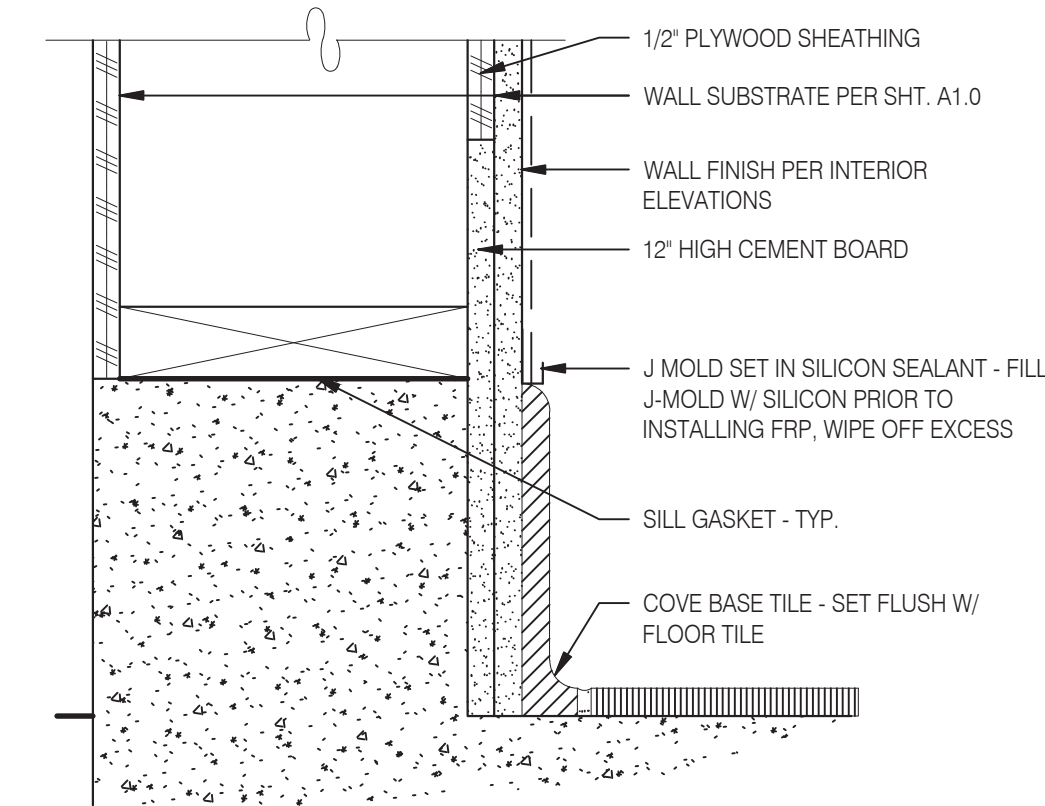


NOT USED **18**

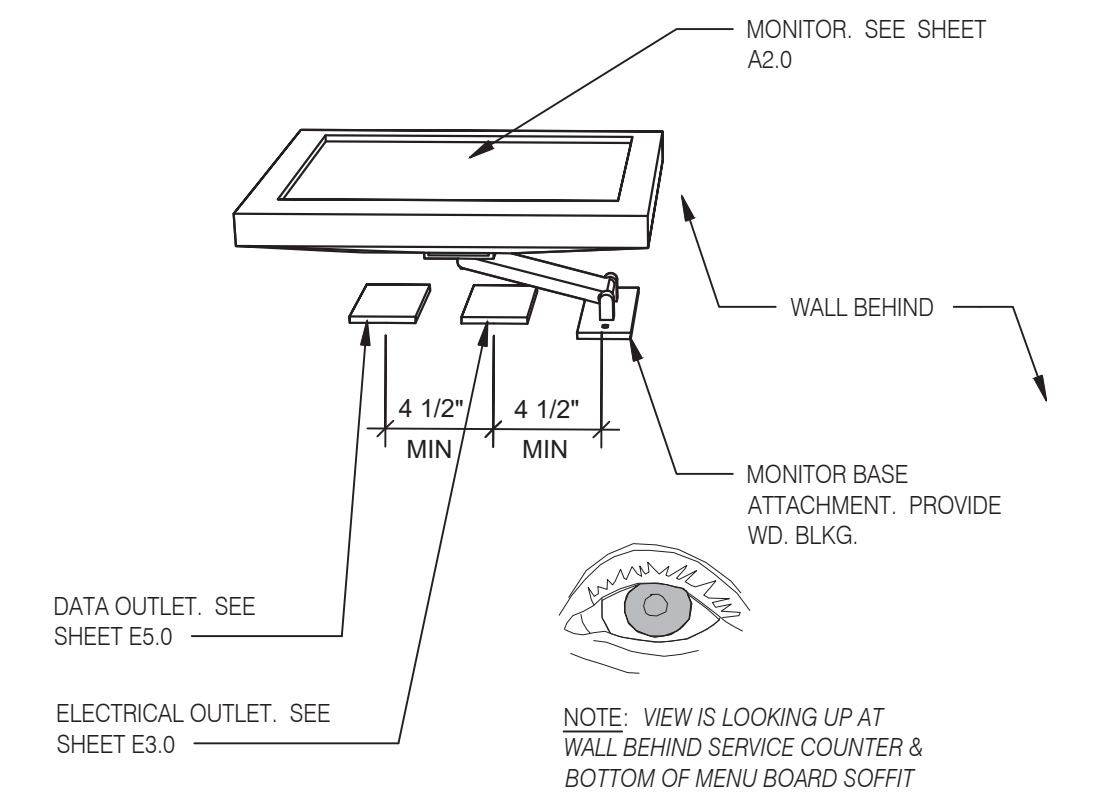
S.S. Corner & End Wall Guard 12" = 1'-0" **14**



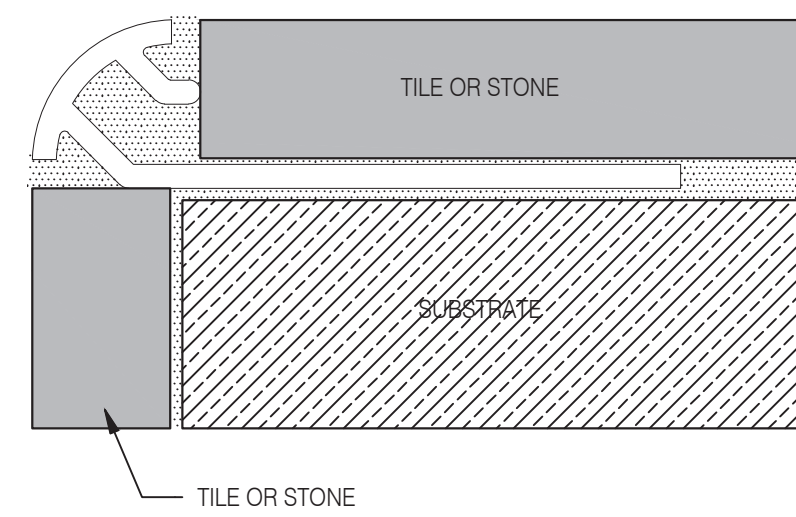
Chair Rail Detail 3" = 1'-0" **10**



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

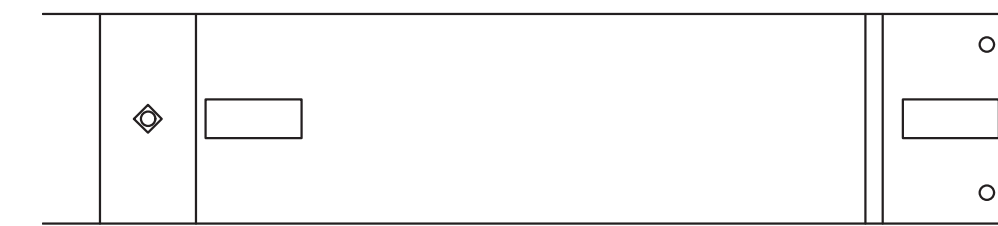


Wall Mount Monitor 1 1/2" = 1'-0" **2**

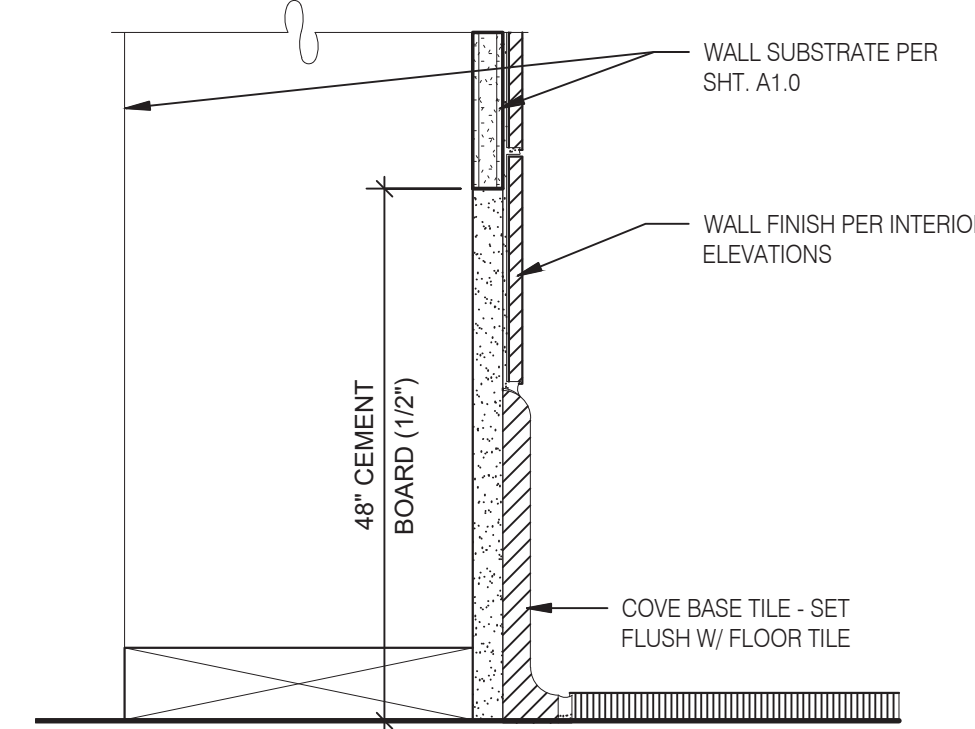


NOT USED **19**

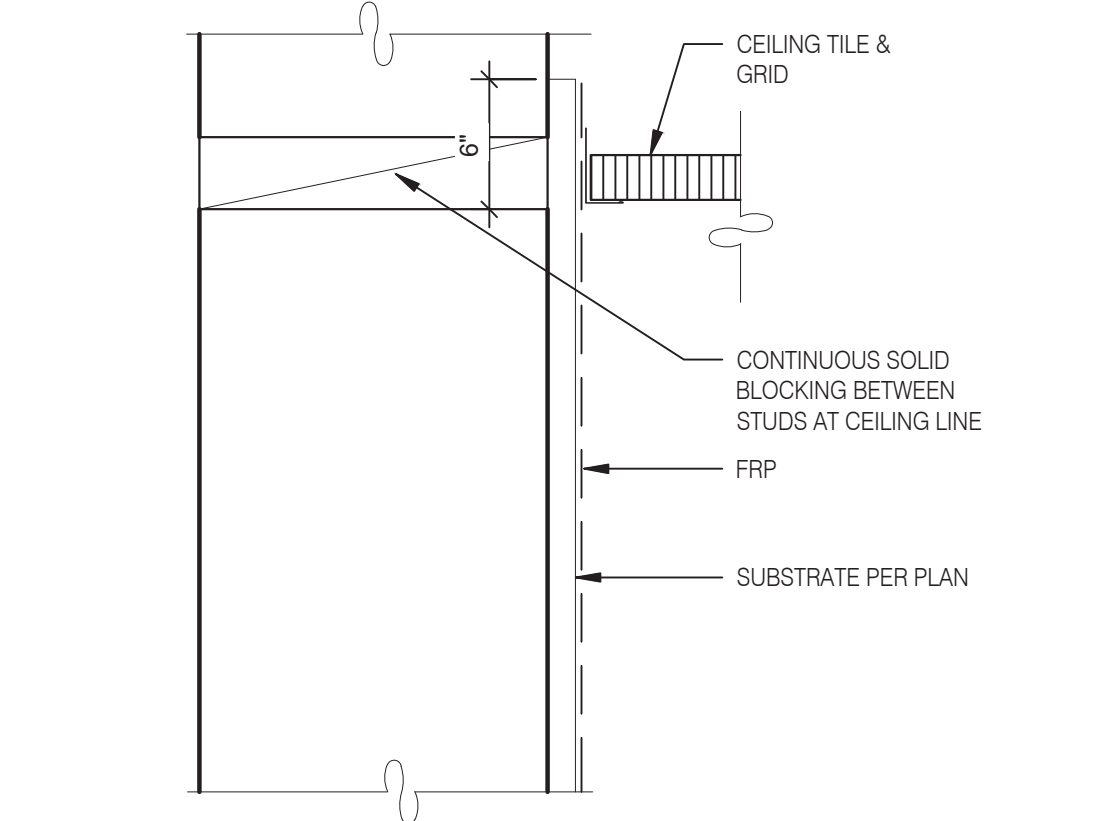
Schluter Corner Guard 1 1/2" = 1'-0" **15**



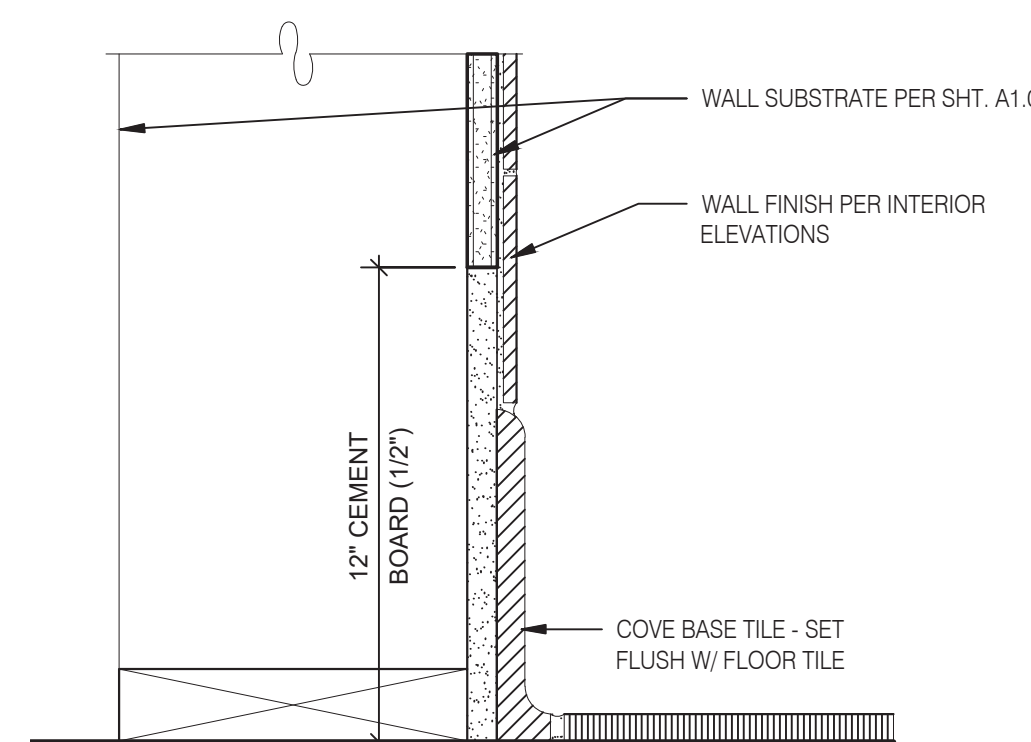
Rethermalizer Rail Detail 12" = 1'-0" **11**



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

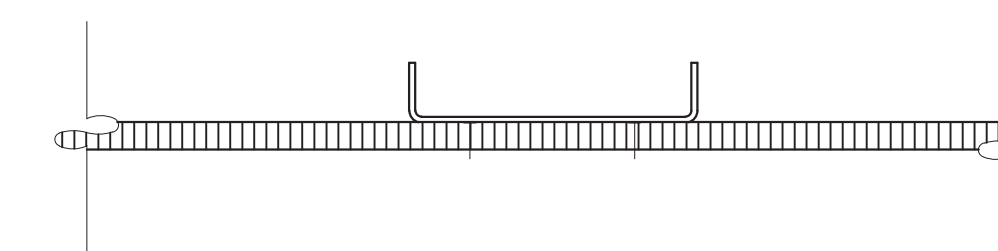


Kitchen Finish @ Ceiling 3" = 1'-0" **3**

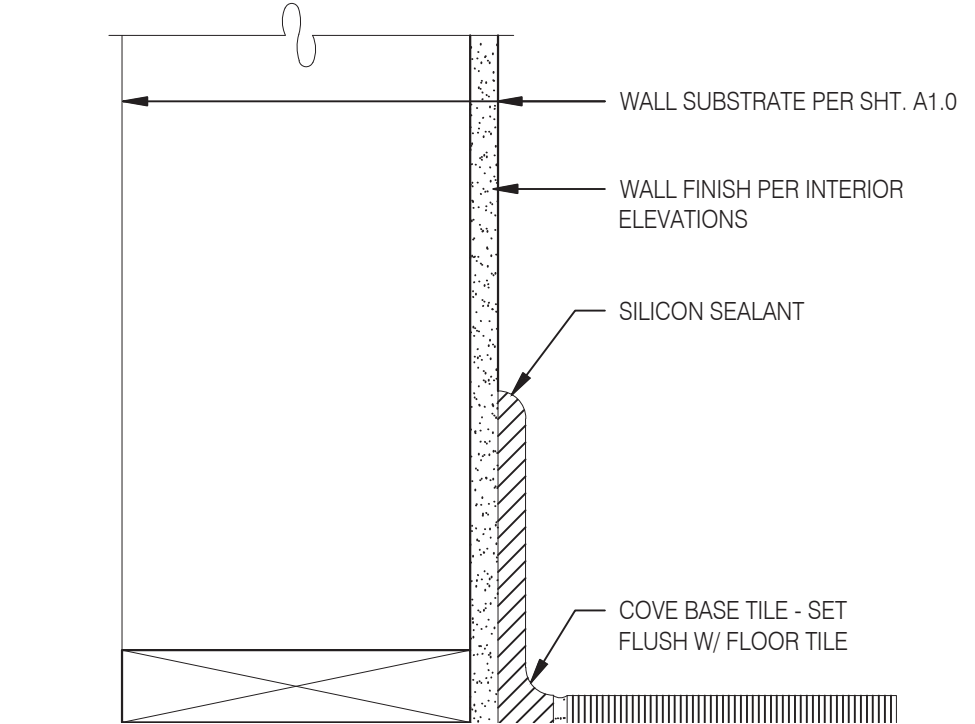


NOT USED **20**

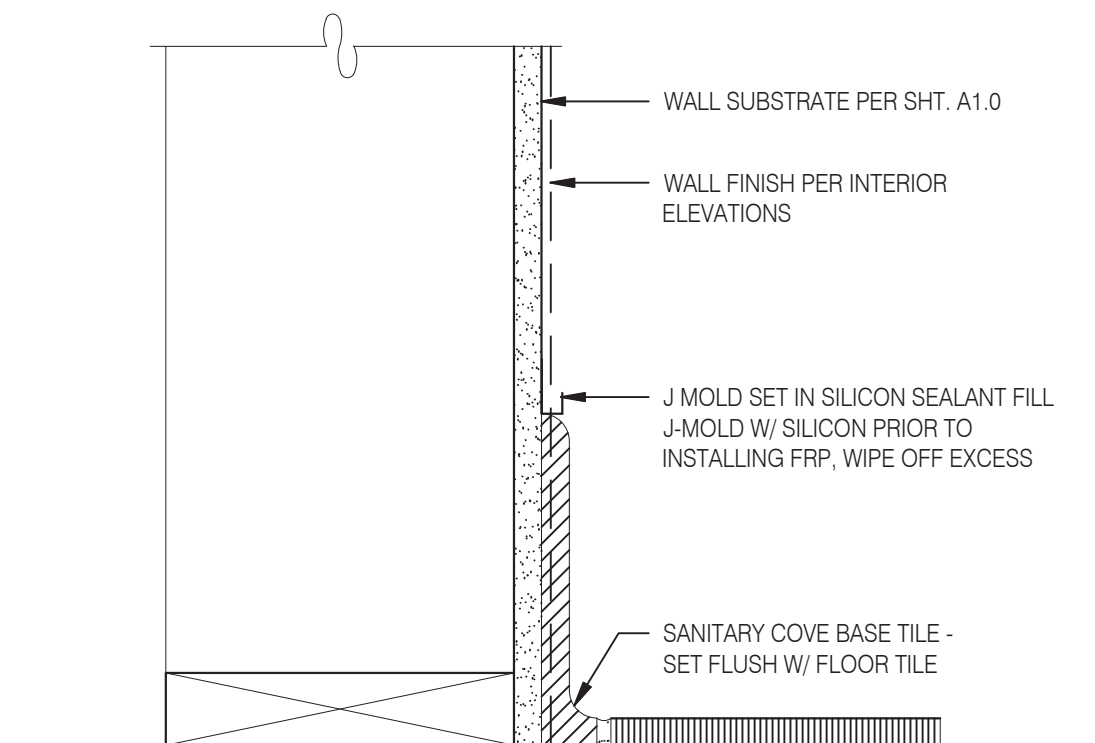
Base @ Kitchen Wall 3" = 1'-0" **16**



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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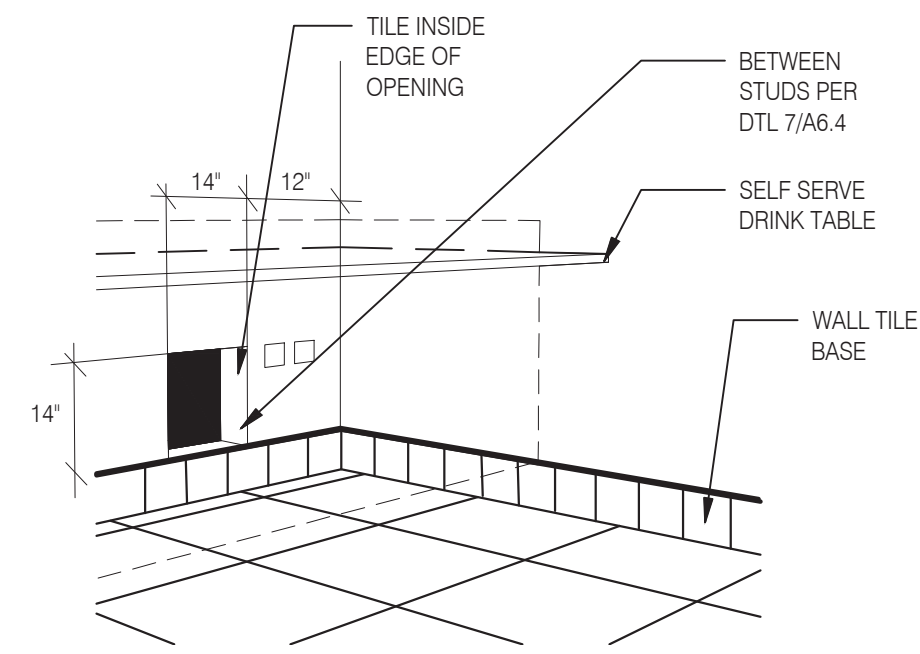
GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0 FINISH DETAILS

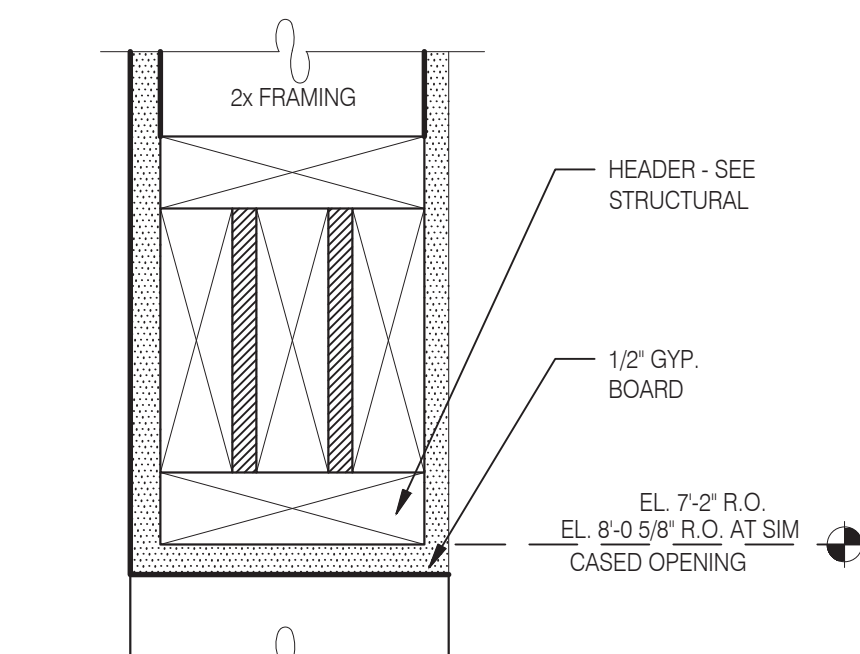
A6.3

PLOT DATE: 8/15/2022



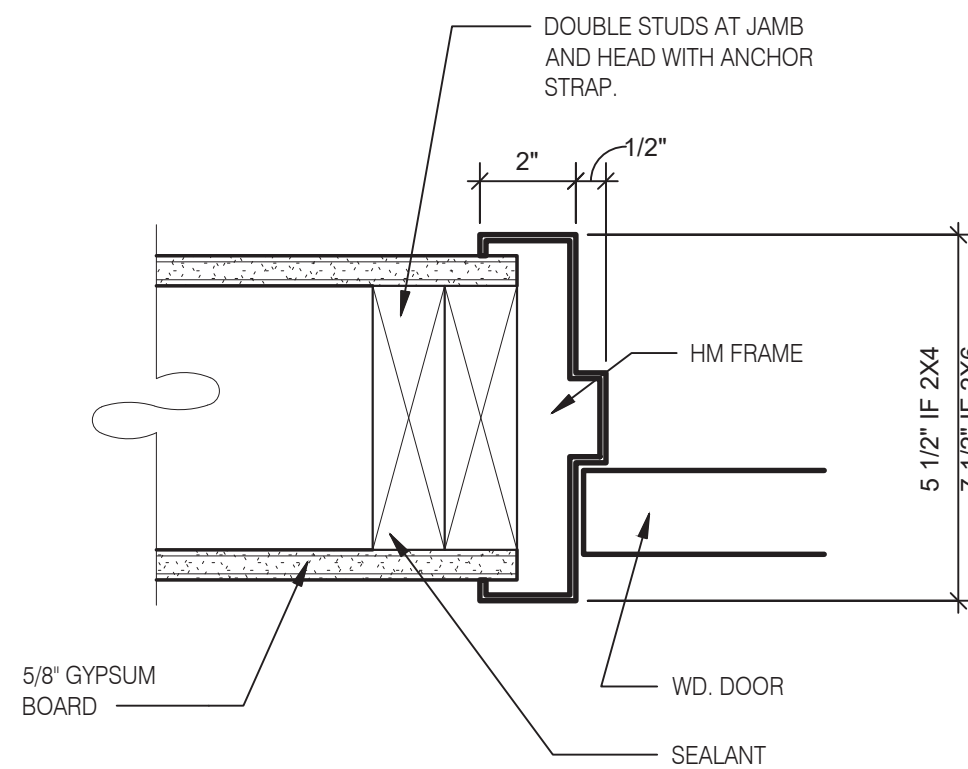
WALL PASS THRU

N.T.S. **8**



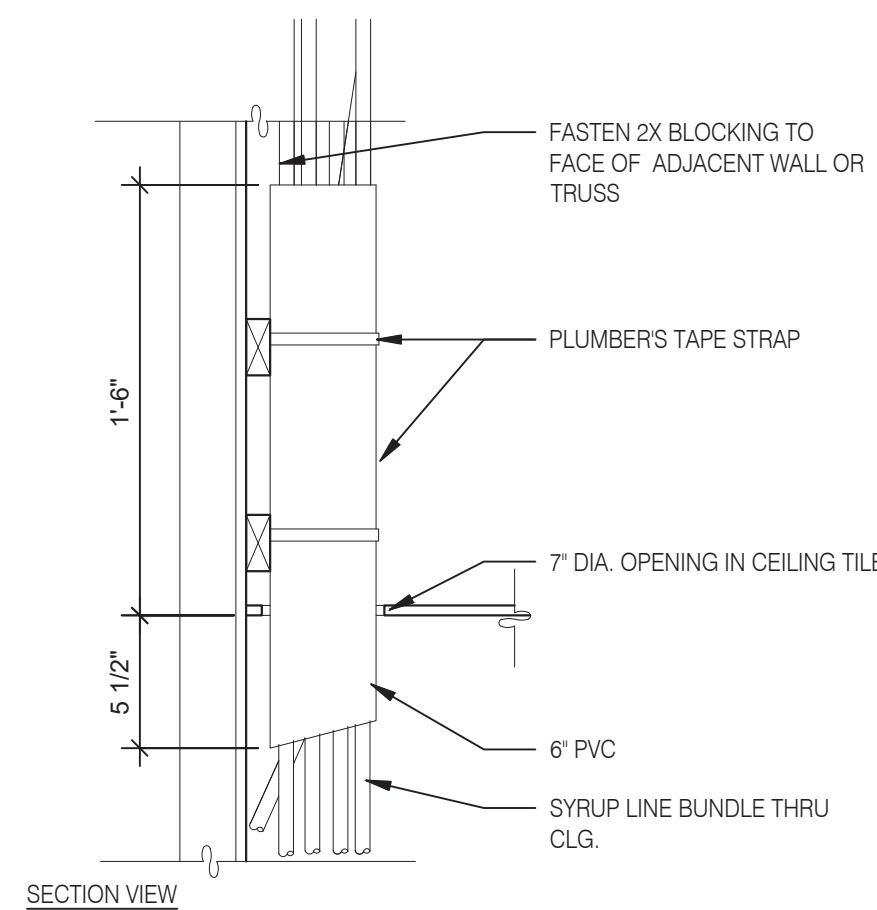
CASED OPENING DETAIL

N.T.S. **5**



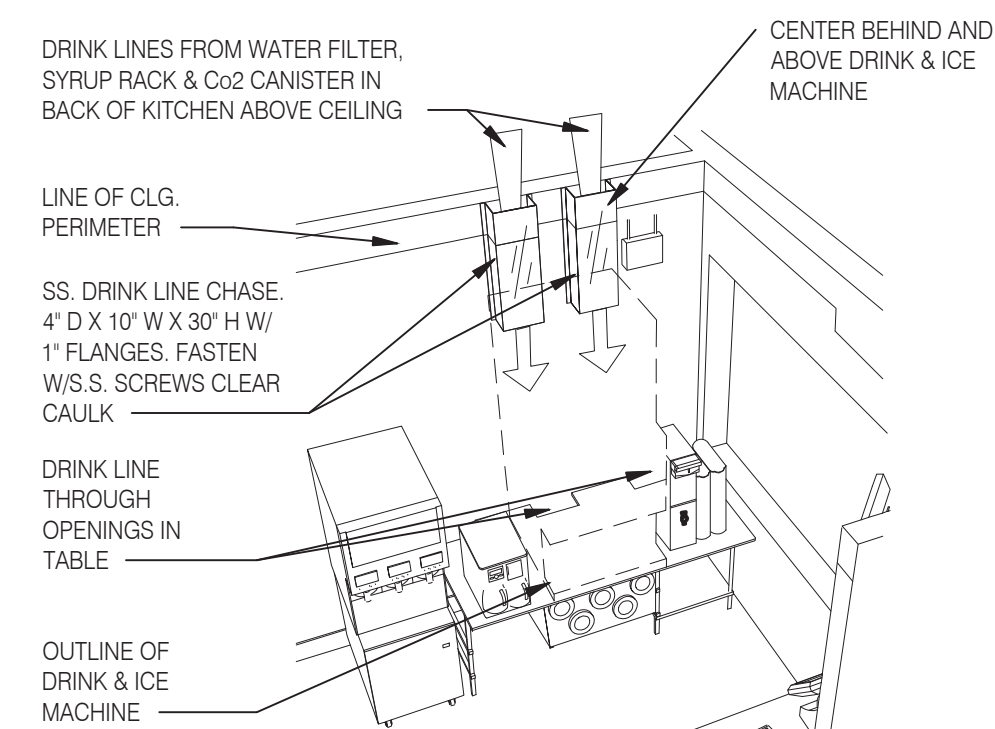
HEAD/JAMB @ H.M. DOOR

N.T.S. **6**



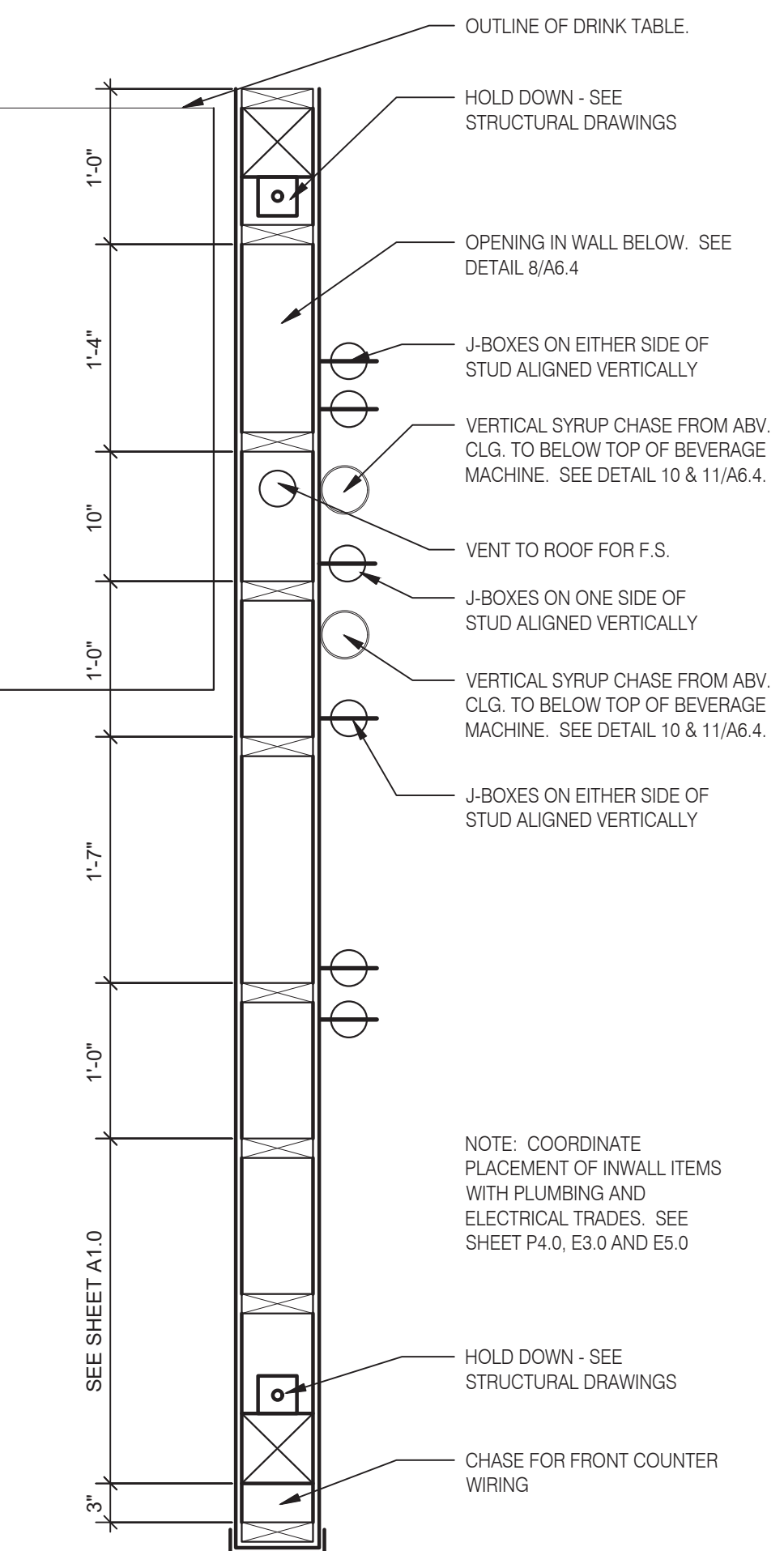
SYRUP BUNDLE CLG. 1 1/2" = 1'-0"

10



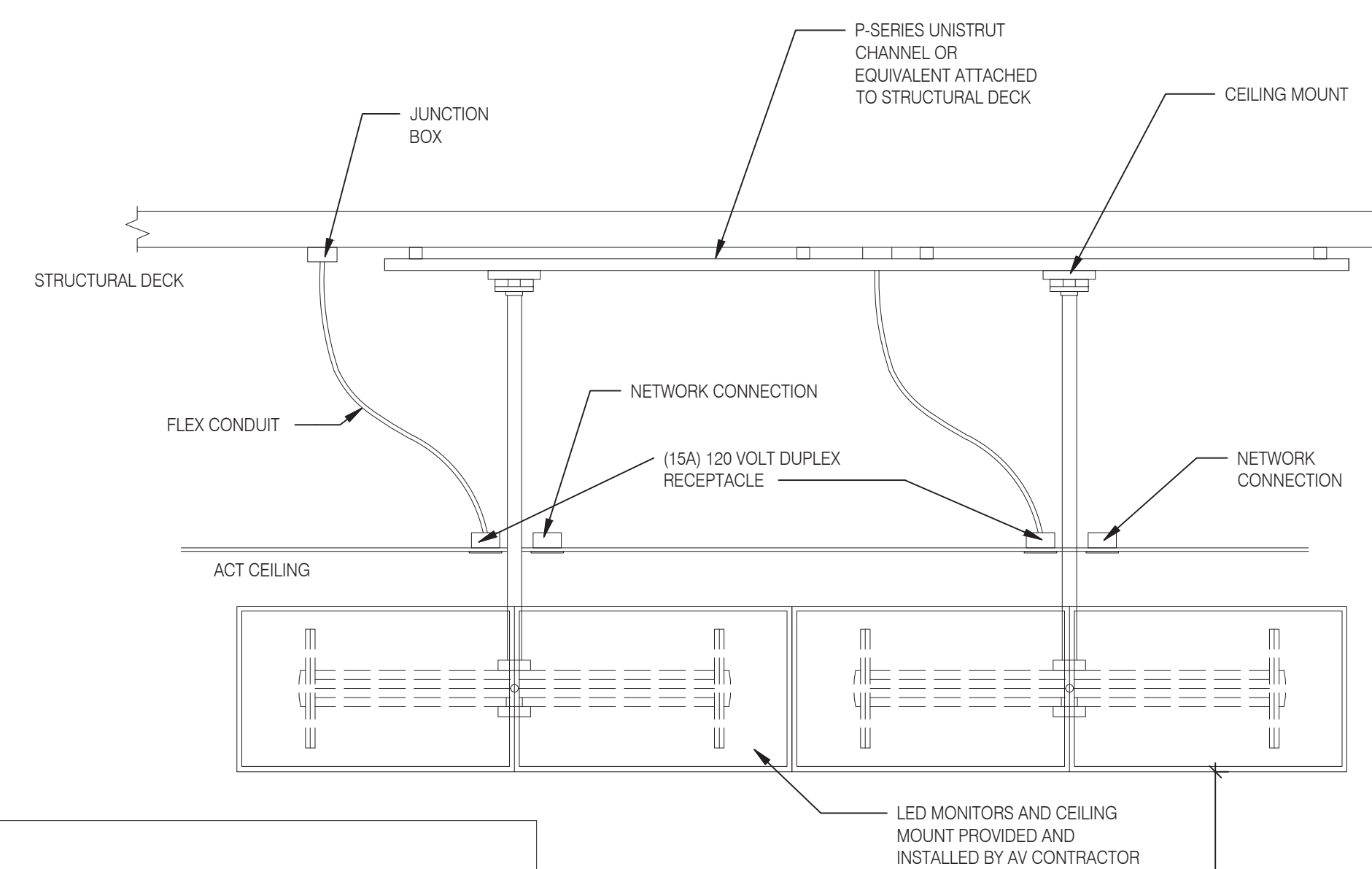
SYRUP CHASE ON WALL 1 1/2" = 1'-0"

11



INTERIOR CHASE WALL

N.T.S. **7**



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

1

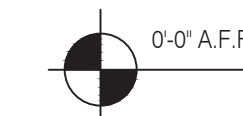
NOTES:

- EC/GC TO INSTALL A TOTAL OF (4) IGS262 DUPLEX OUTLET IN CEILING BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE ORANGE AND STRAIGHT BLADE.
- 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.
- EC/GC TO INSTALL (1) DATA JUNCTION (JB) IN CEILING AS SHOWN. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.
- 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.
- EC/GC SHALL ACQUIRE AND SECURE ANY ALL REQUIRED PERMITTING FOR THE WORK MENTIONED ABOVE PER MUNICIPALITY CODE REQUIREMENTS.
- DRAWING PROVIDED IS FOR INSTALLATION OF DMB EQUIPMENT ONLY. NOT TO BE USED FOR ARCHITECTURAL PURPOSES. IF PLACEMENT OF REQUIRED ELEMENTS CANNOT BE MET AND WILL EXCEED A 3IN DEVIATION, STRATACACHE MUST BE NOTIFIED IMMEDIATELY.

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

ELECTRICAL SCHEDULE

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



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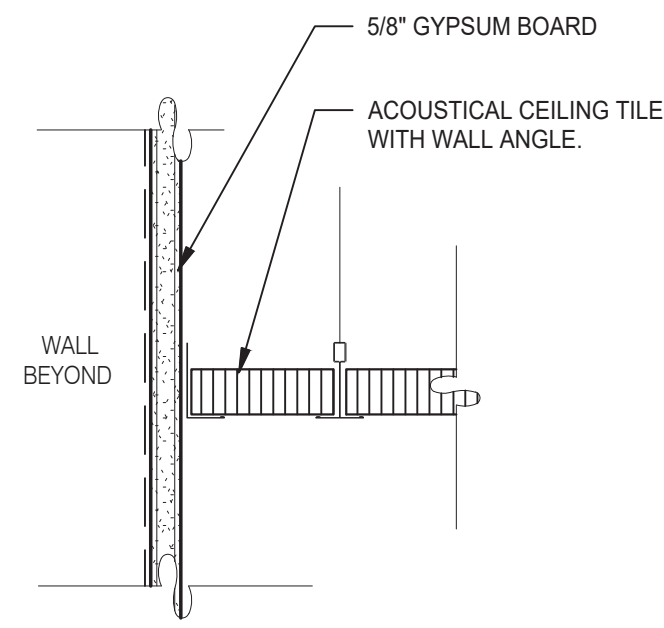
GREAT LAKES
TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



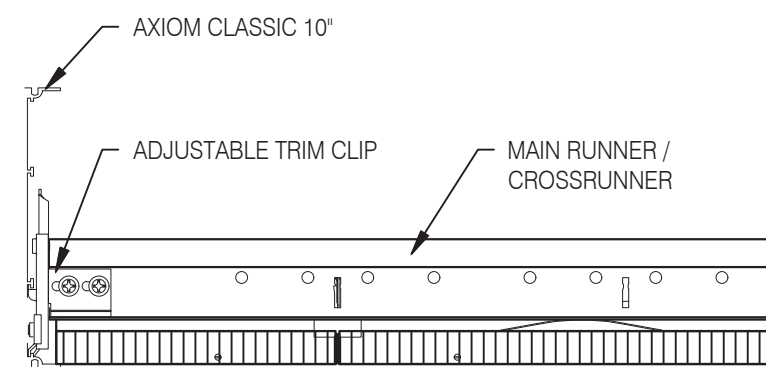
ENDEAVOR 2.0
CONSTRUCTION
DETAILS
INTERIOR

A6.4

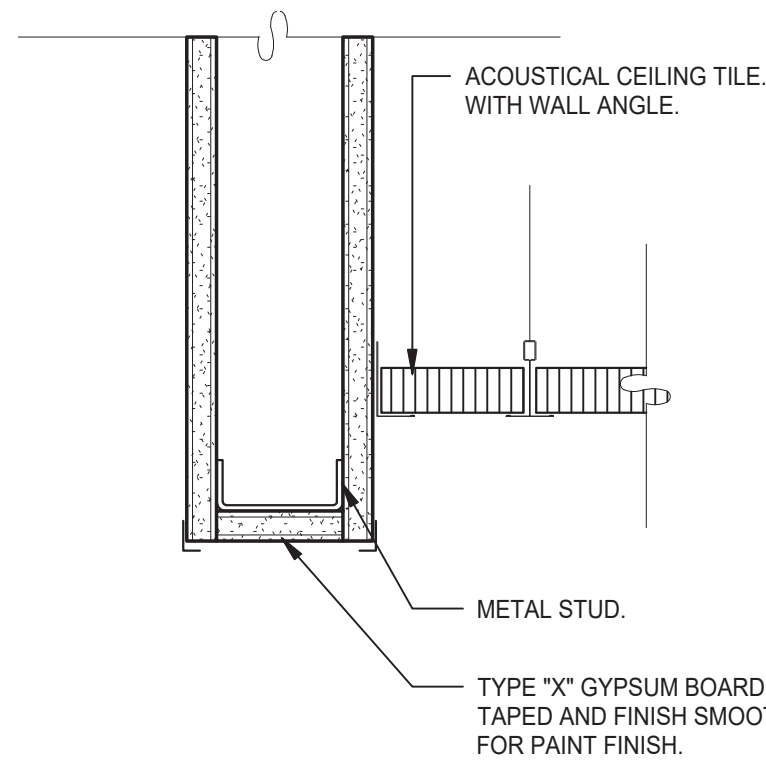
PLOT DATE: 8/15/2022



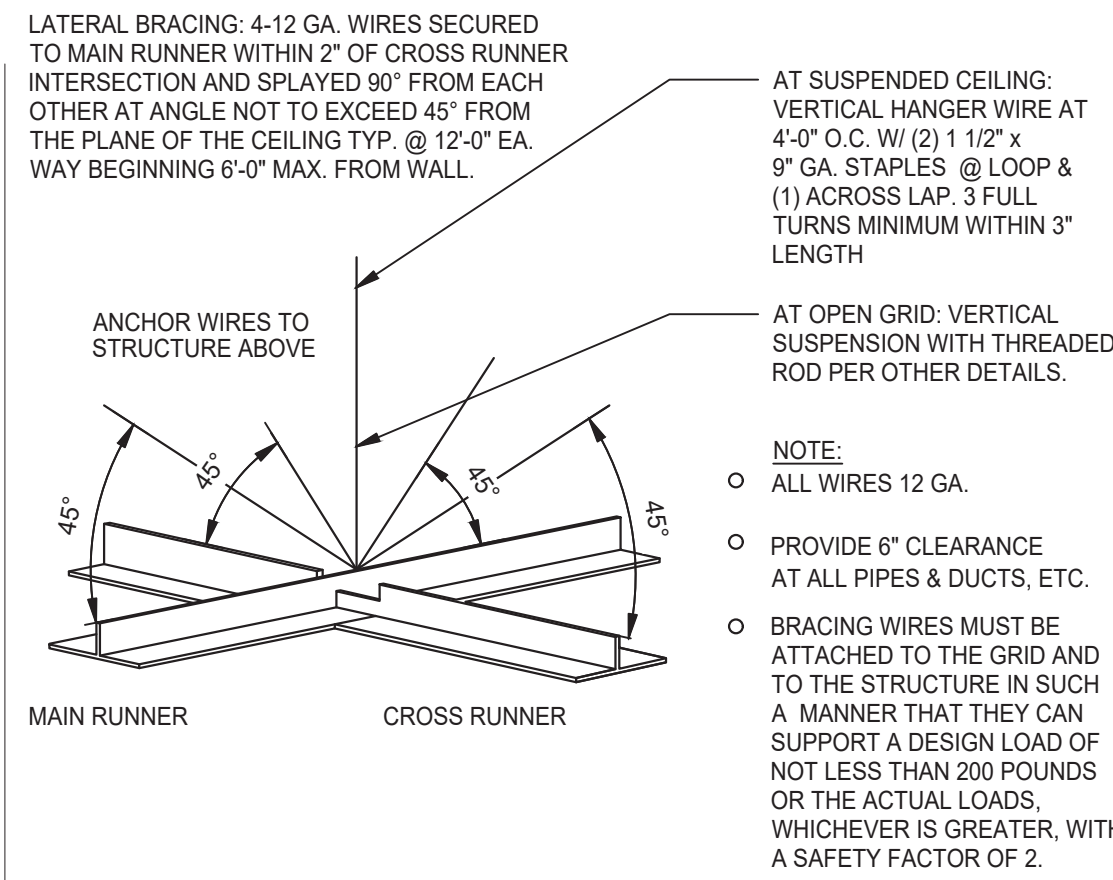
GYPSUM BOARD TRANSITION 3" = 1'-0" **17**



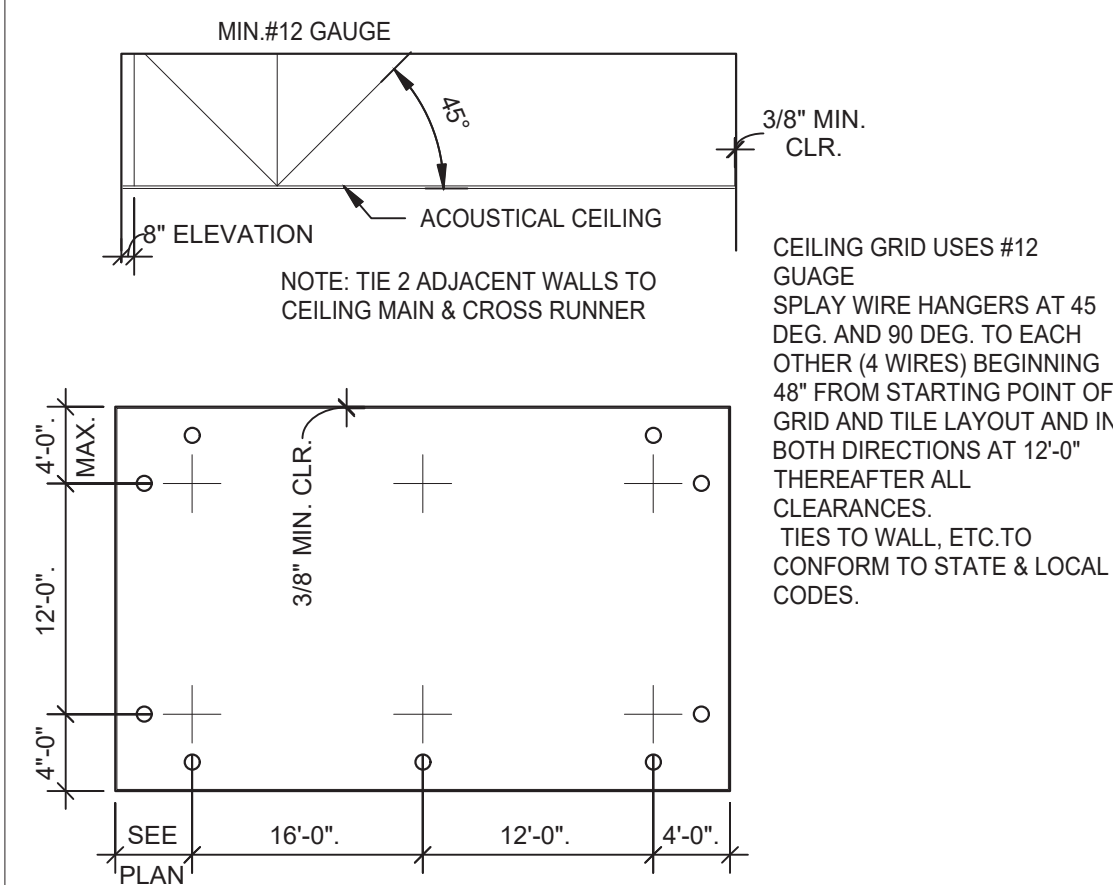
ASSEMBLY CLIP-ON 3" = 1'-0" **13**



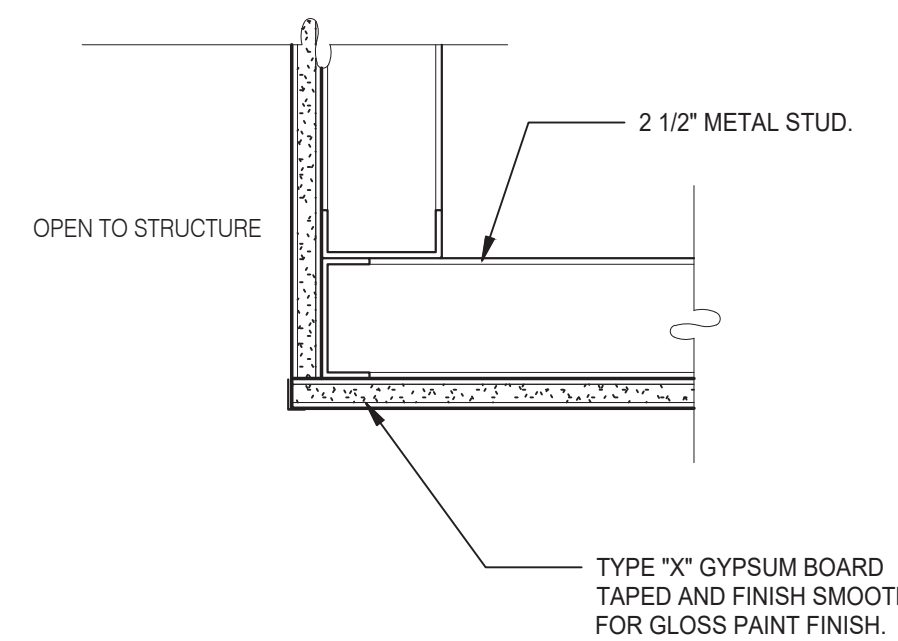
CEILING HEADER TRANSITION 3" = 1'-0" **14**



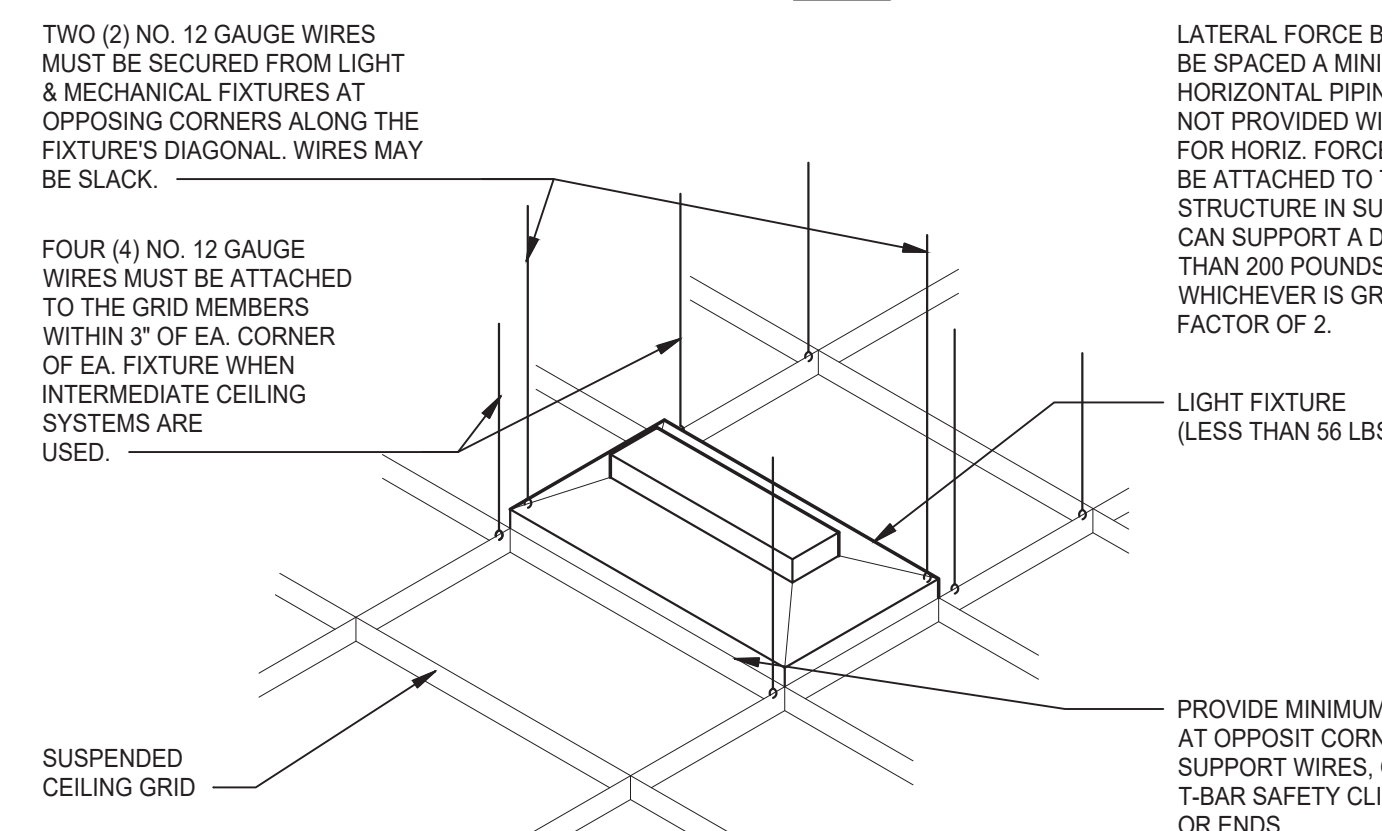
SUSPENDED ACOUSTICAL CEILING 3" = 1'-0" **9**



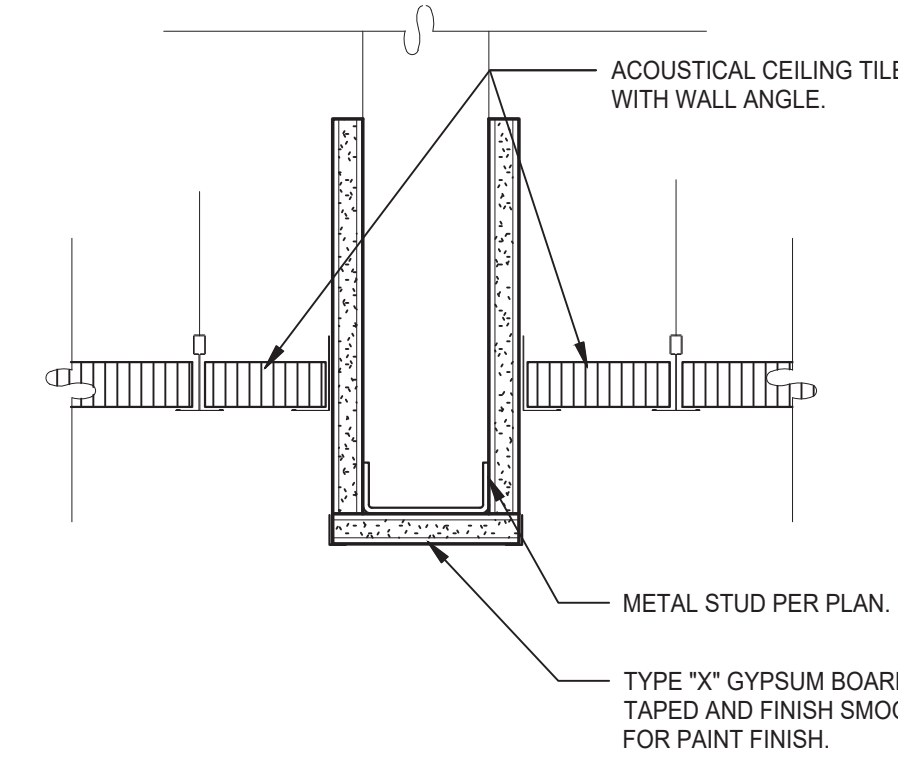
SUSPENDED CEILING GRID 12" = 1'-0" **10**



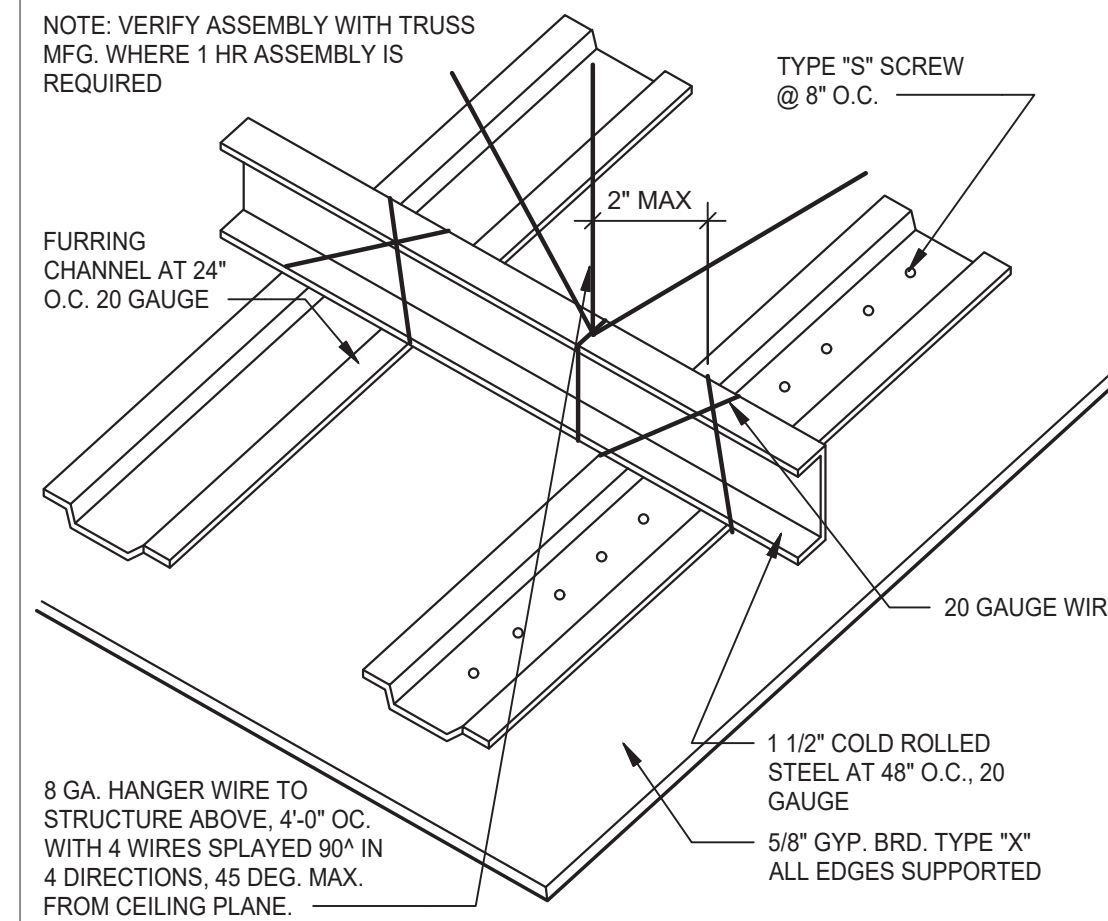
CEILING TRANSITION 3" = 1'-0" **11**



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



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



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

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

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" X 1/100 INCHES) ALL FLANGE WIDTHS ARE TAKEN IN 1/100 INCHES.

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

CEILING SPAN TABLE NOTES:

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

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

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

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



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PROJECT # 21017

DATE	REMARKS

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315286
STORE NUMBER:
PA/PM:
DRAWN BY.:
JOB NO.:

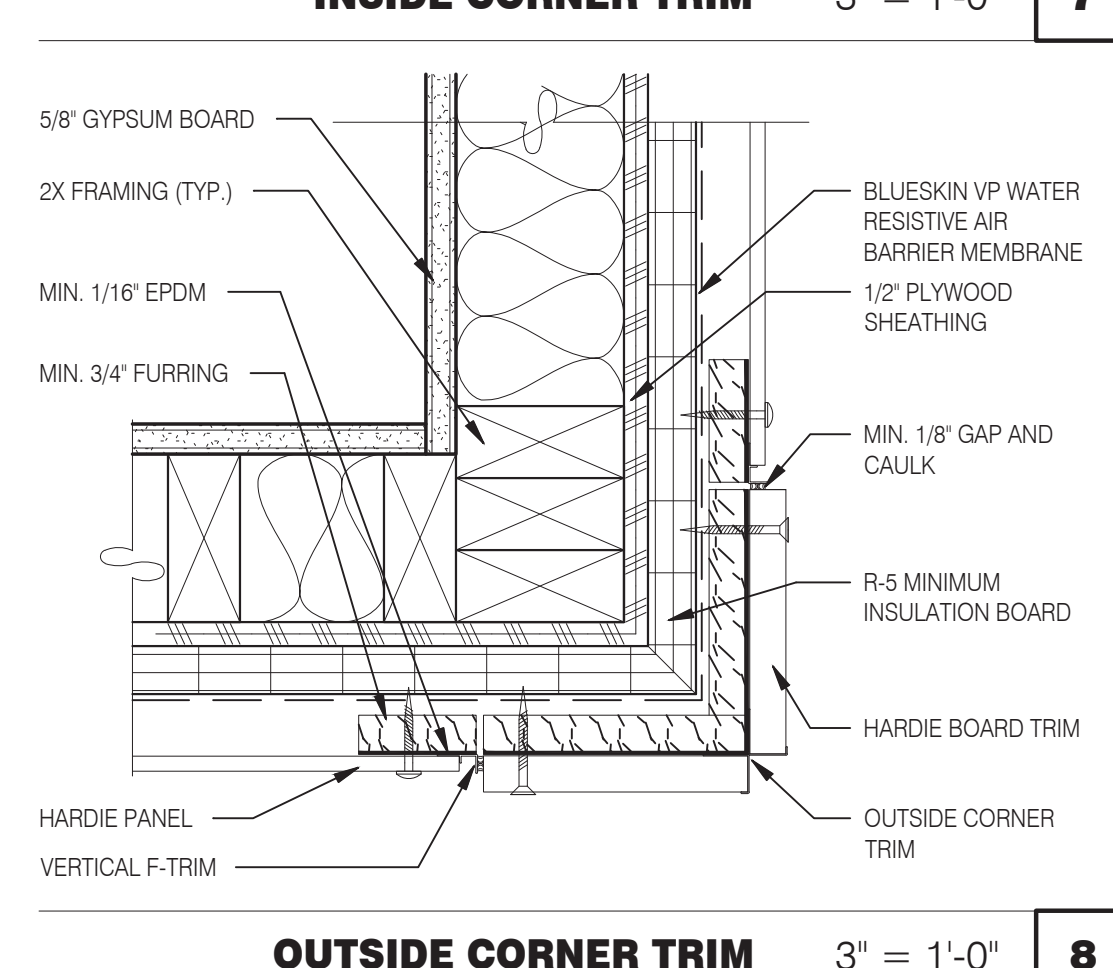
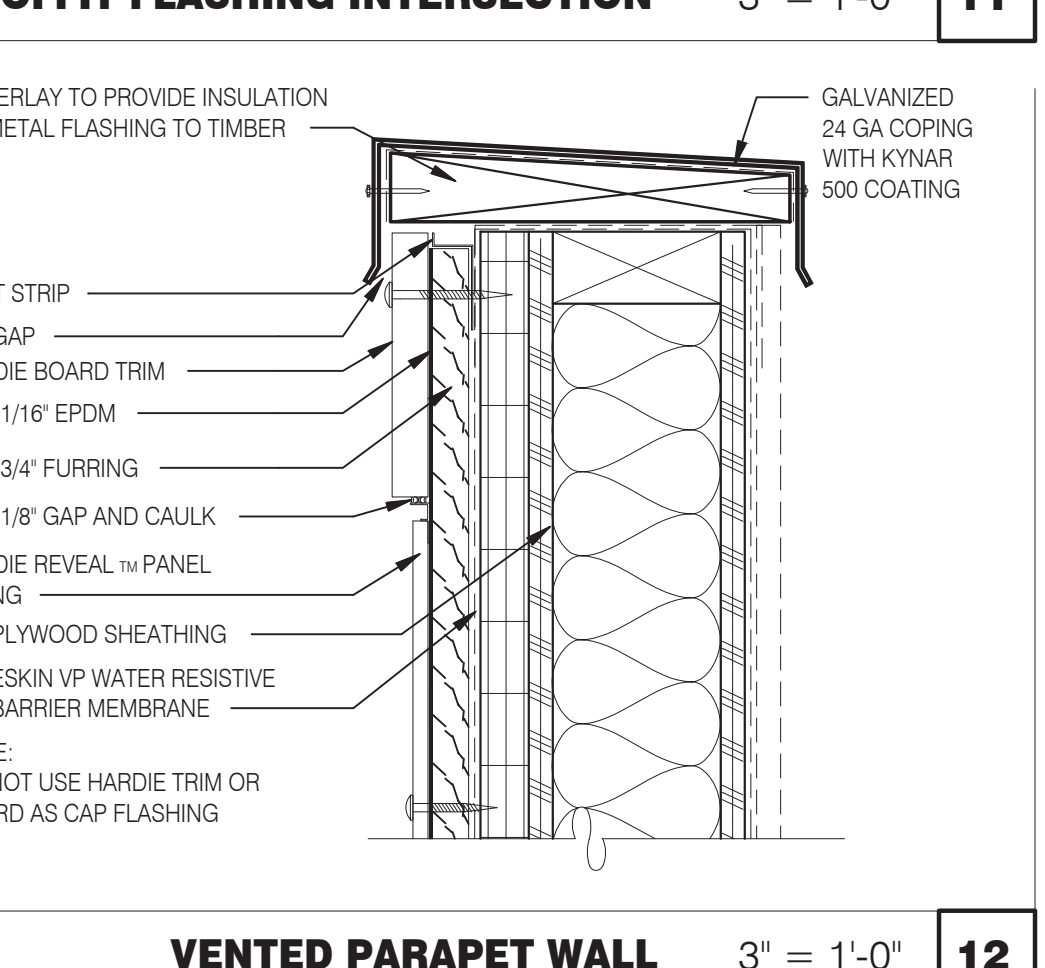
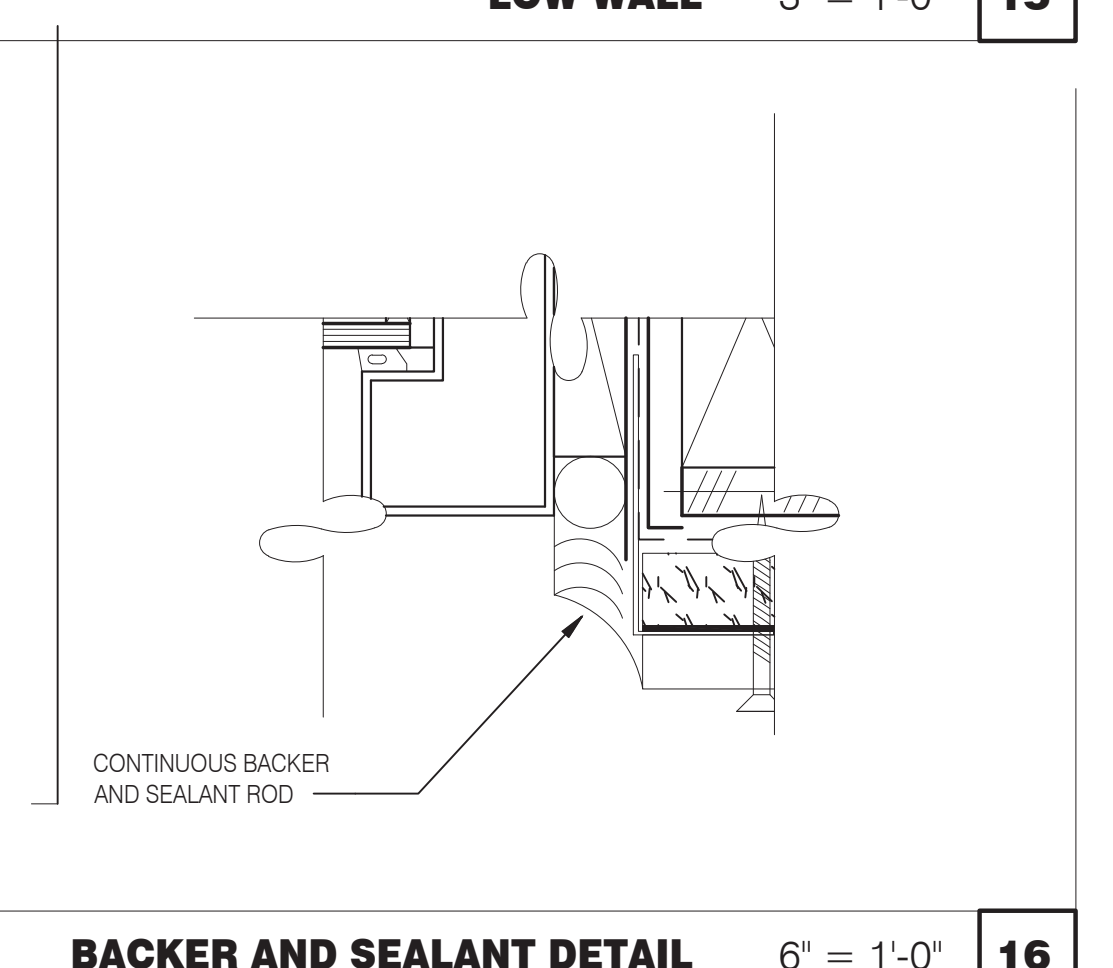
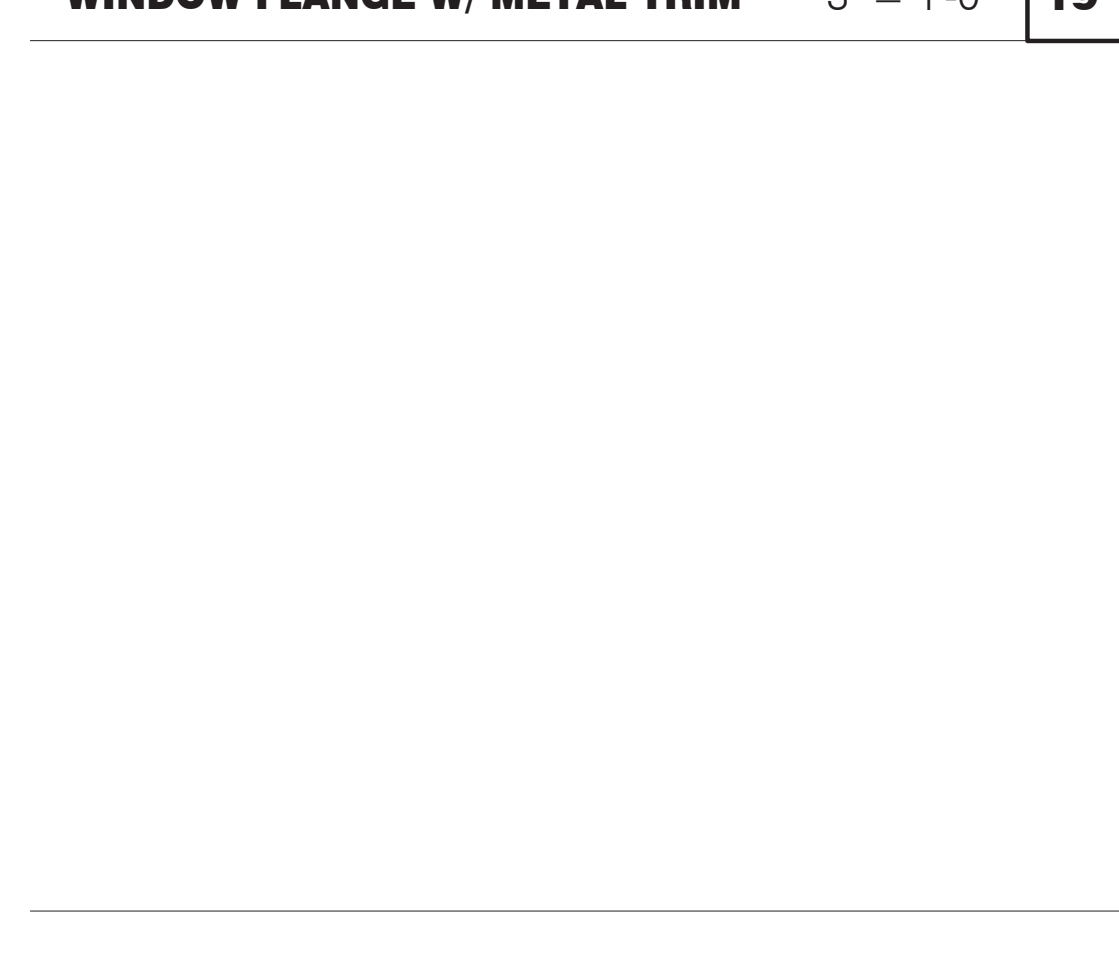
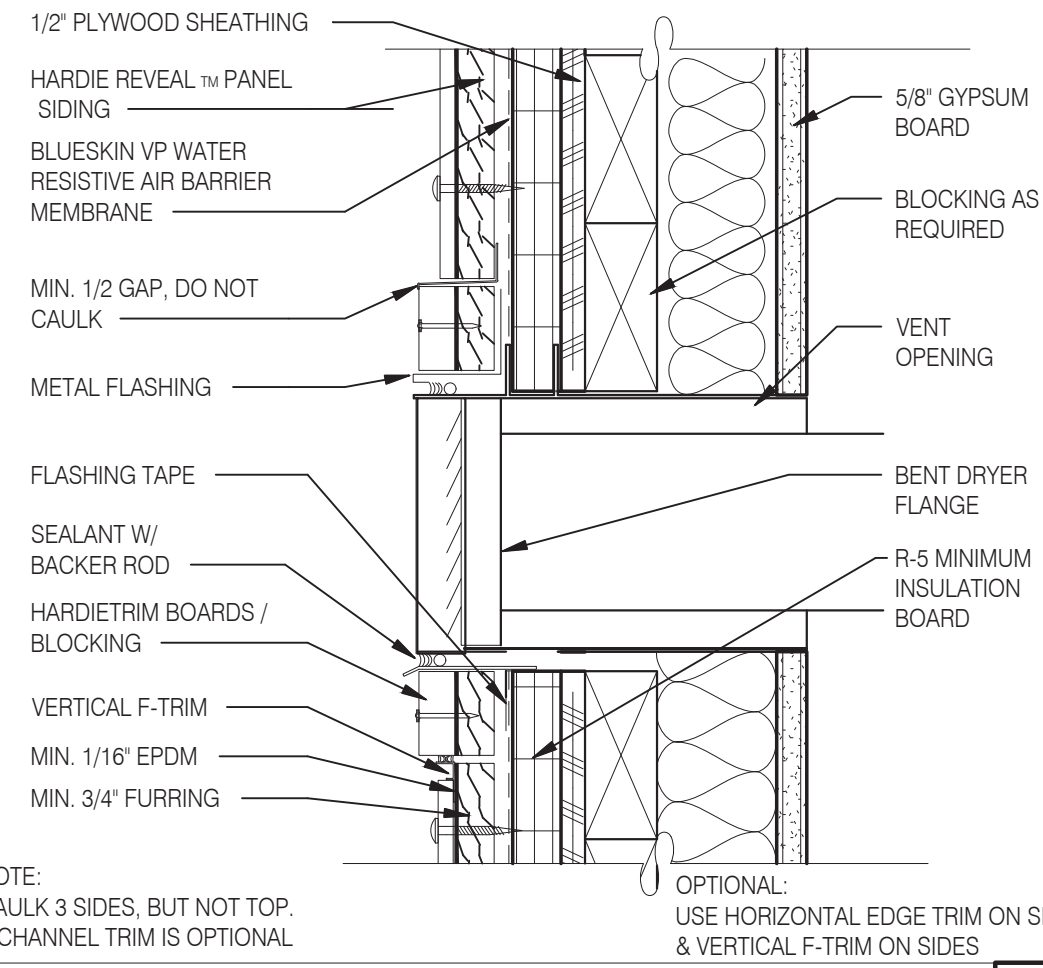
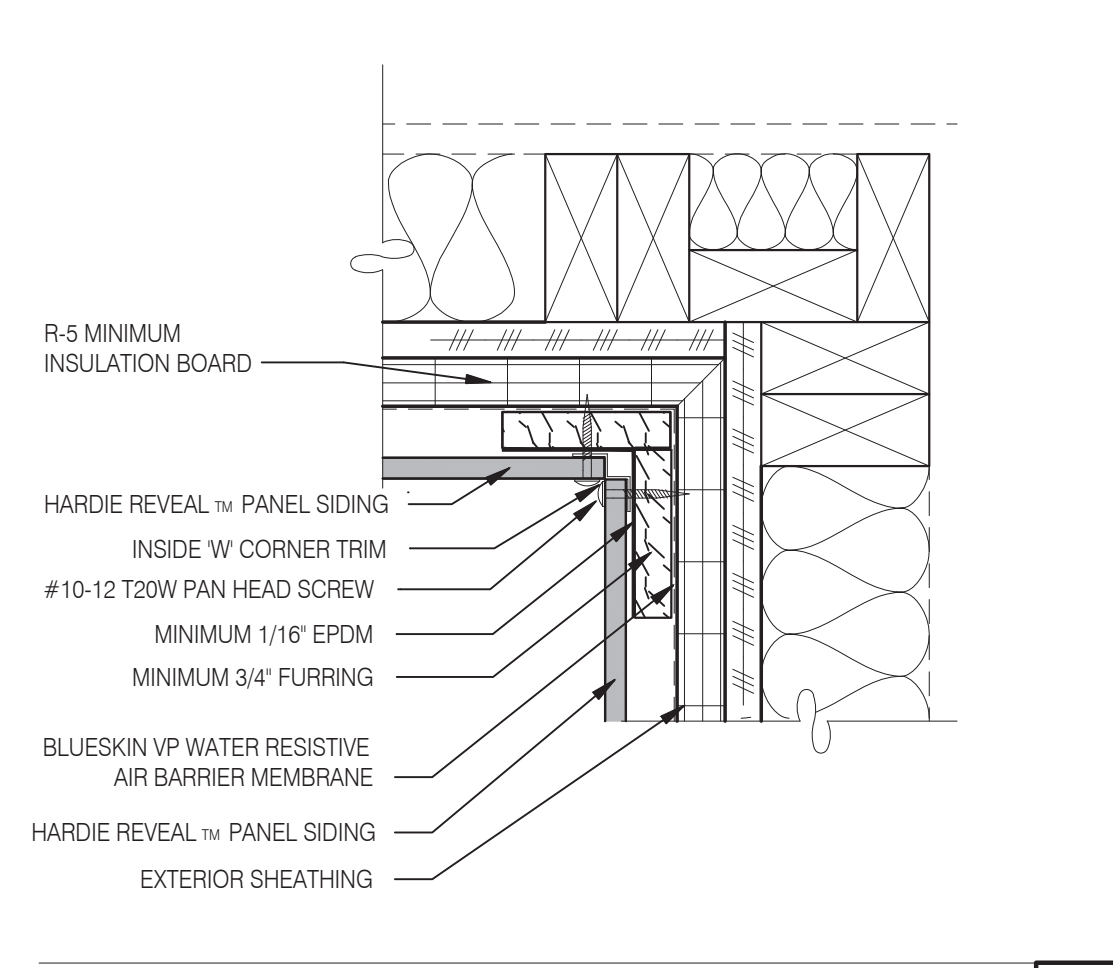
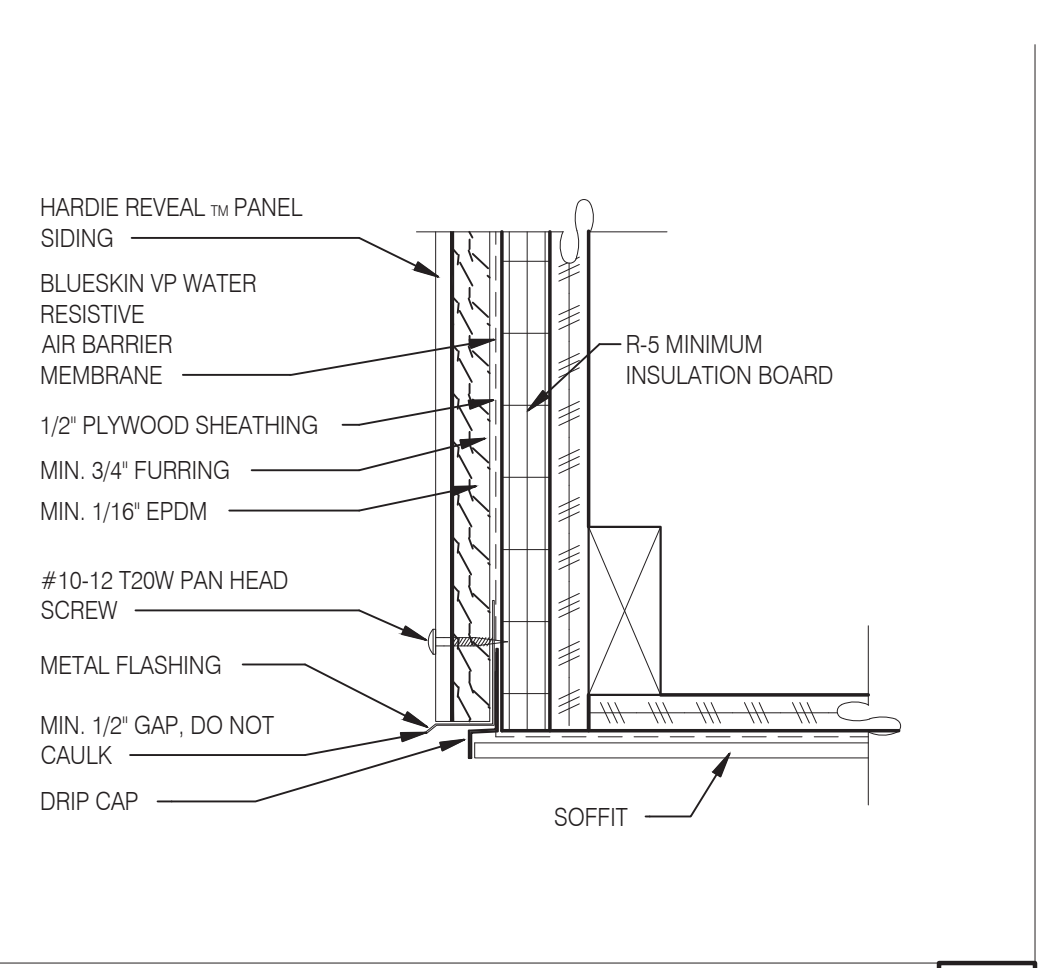
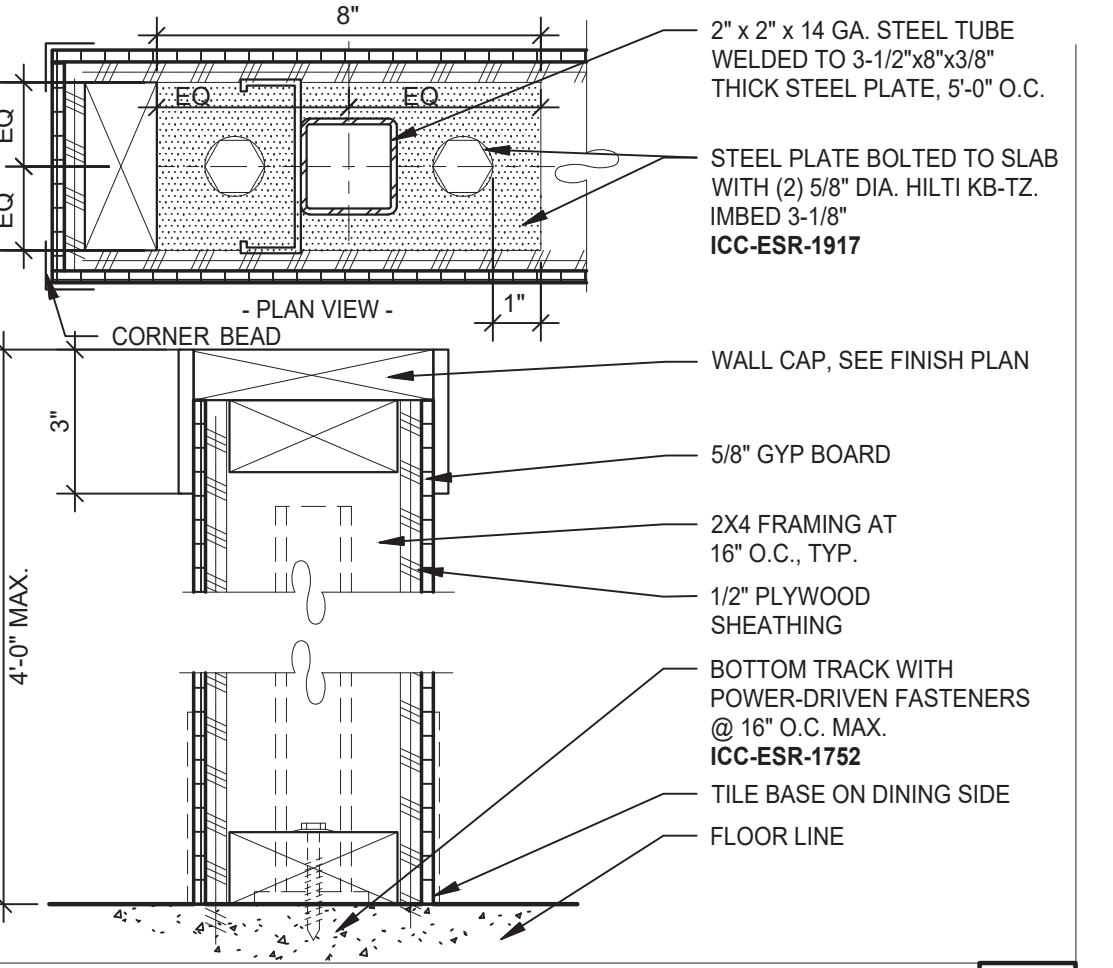
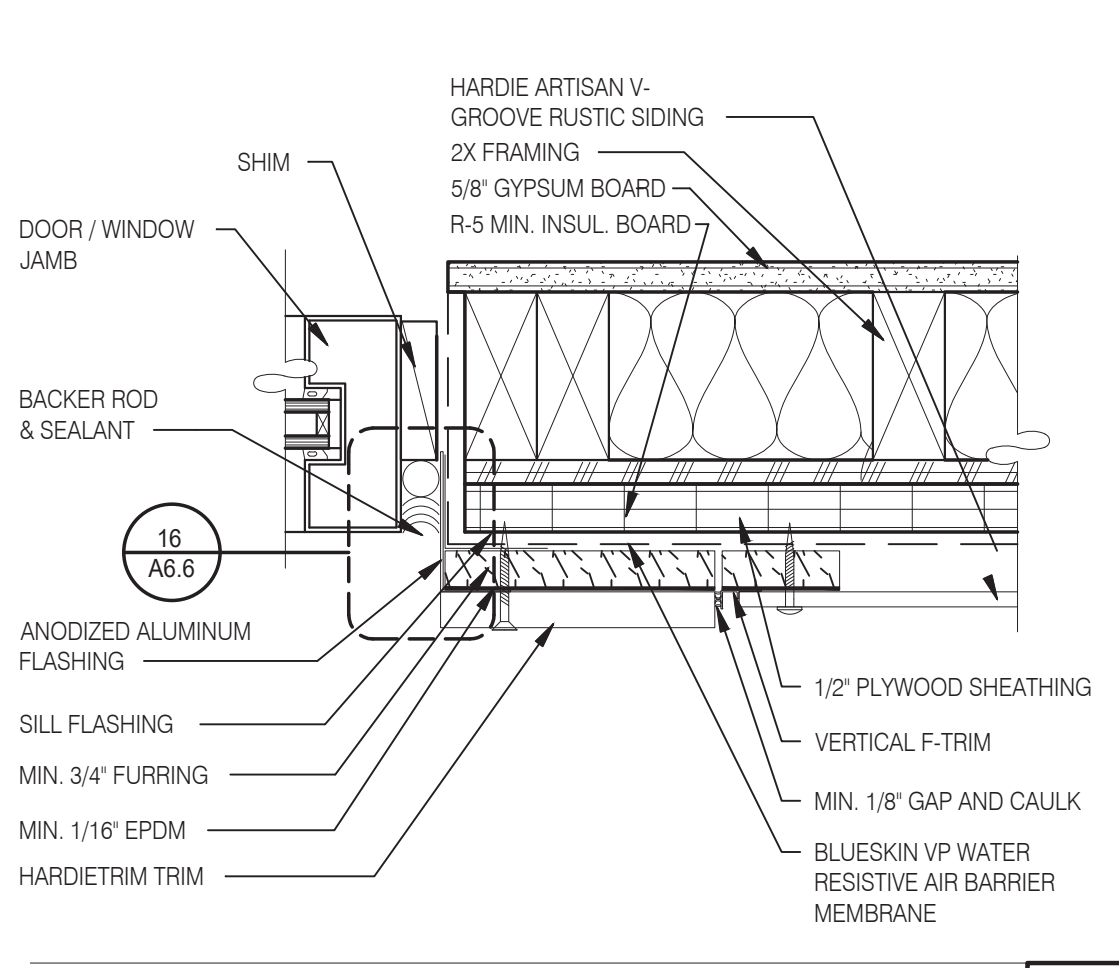
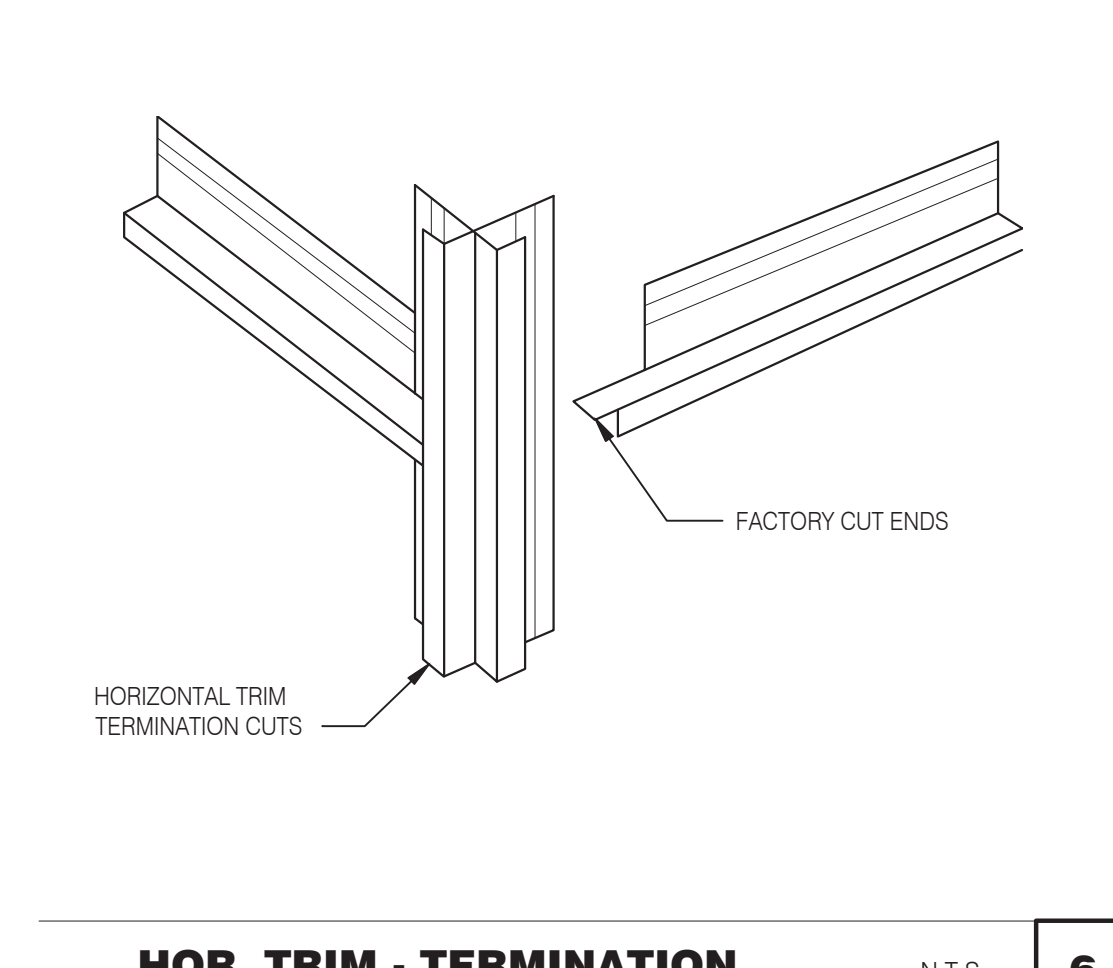
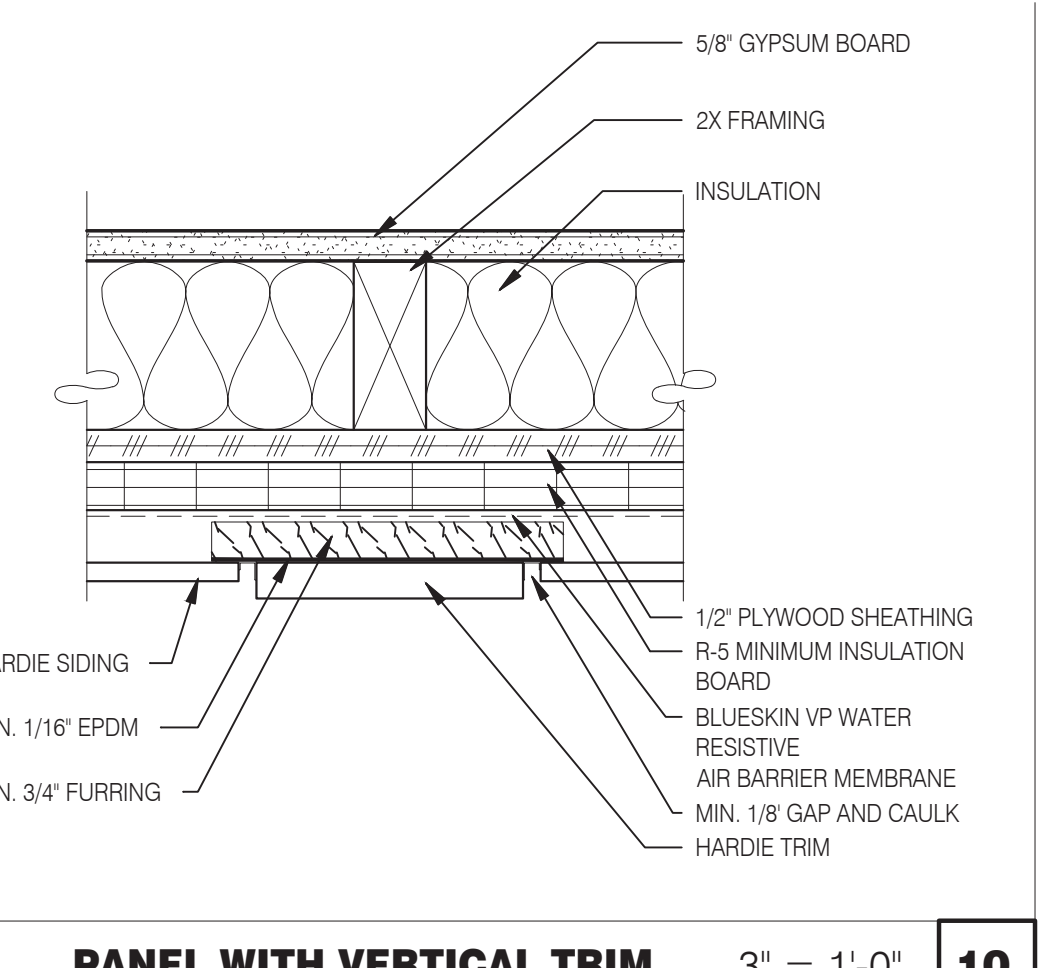
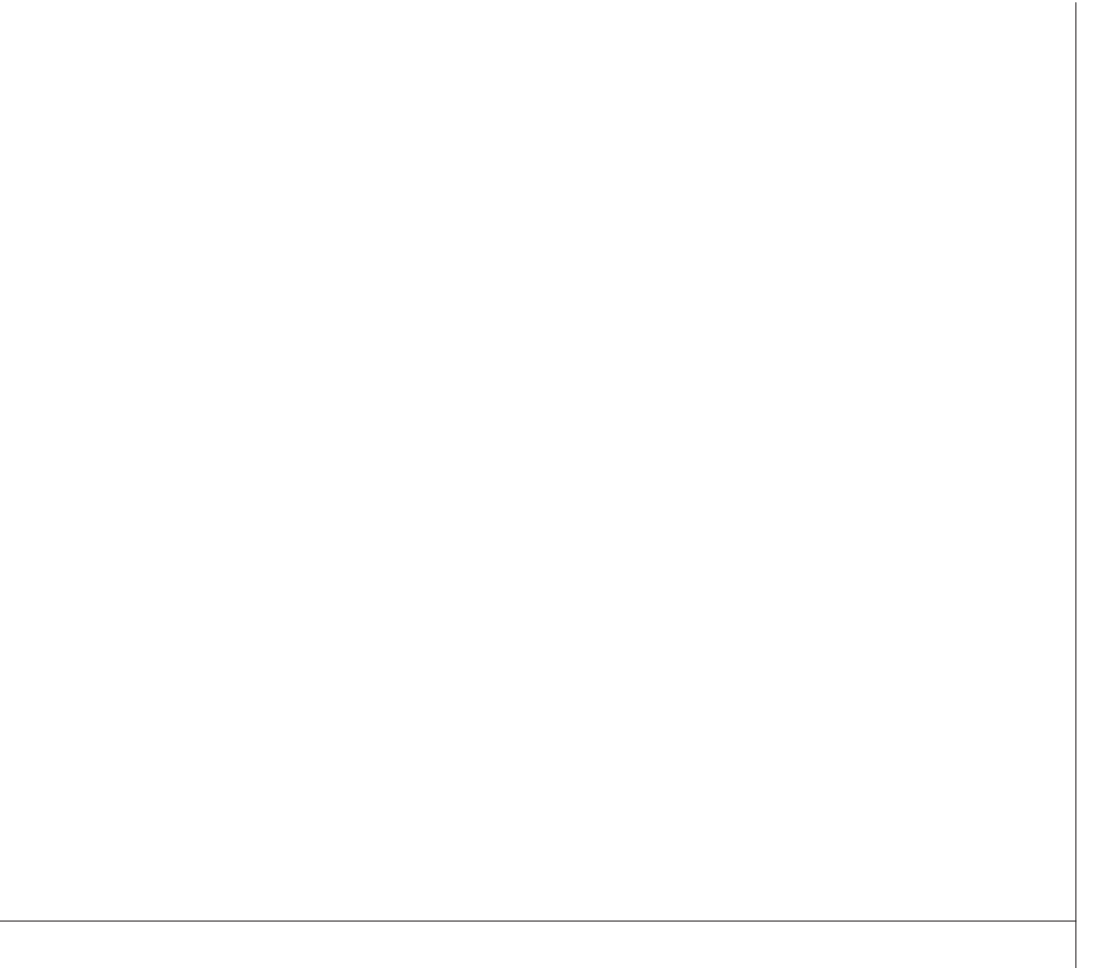
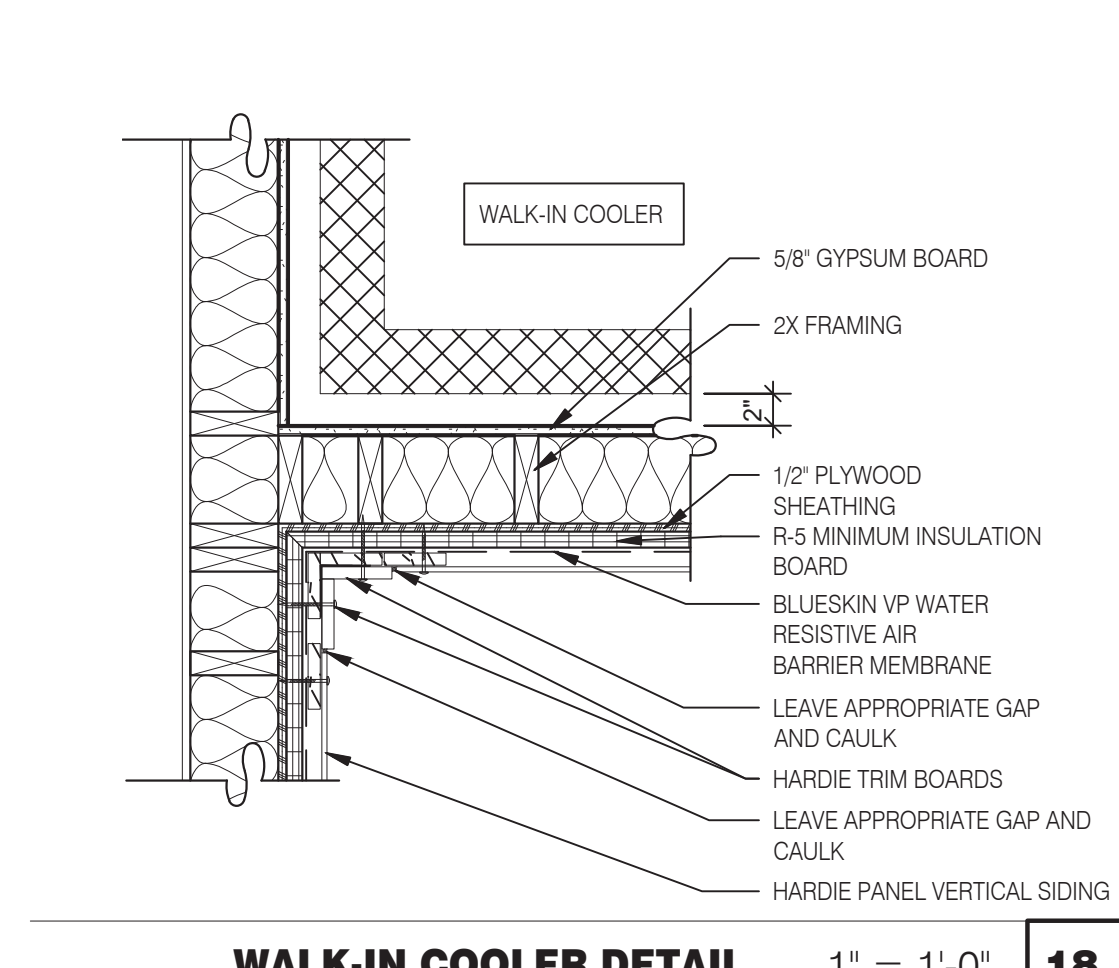
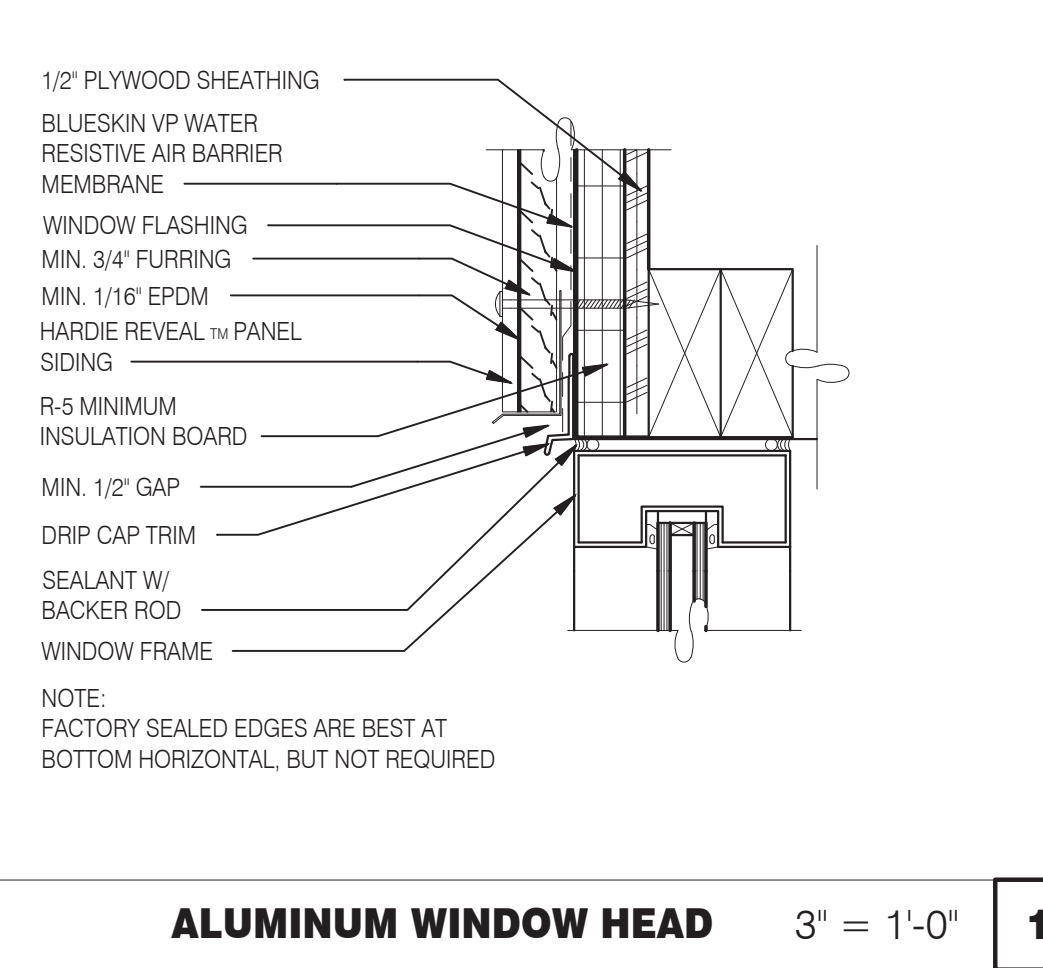
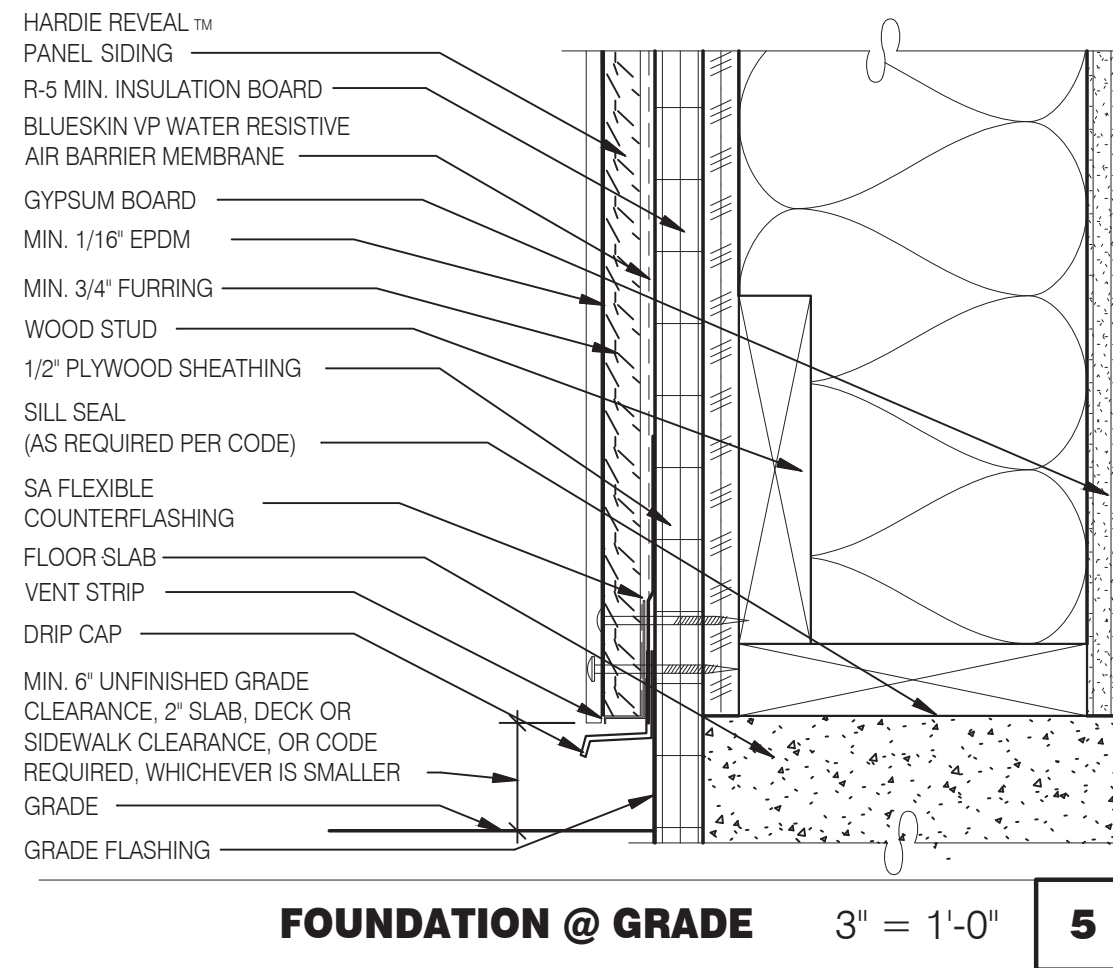
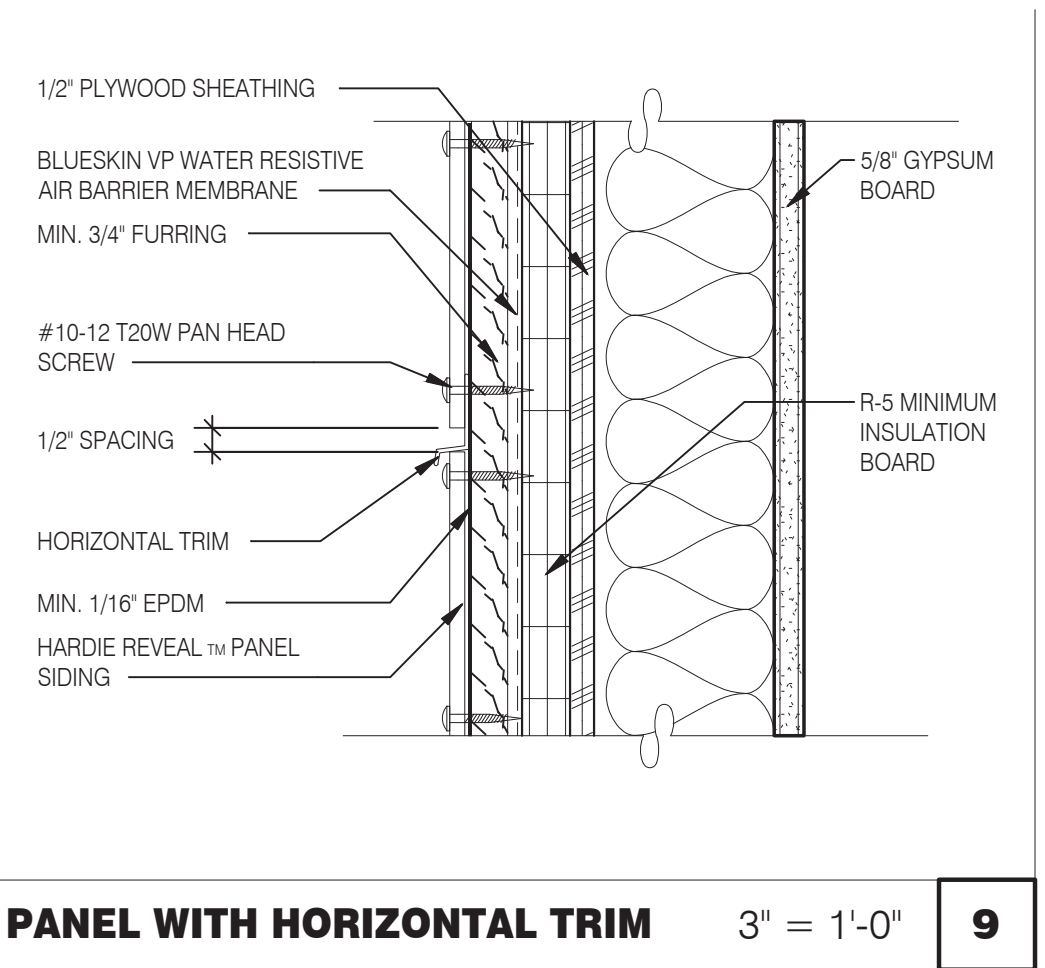
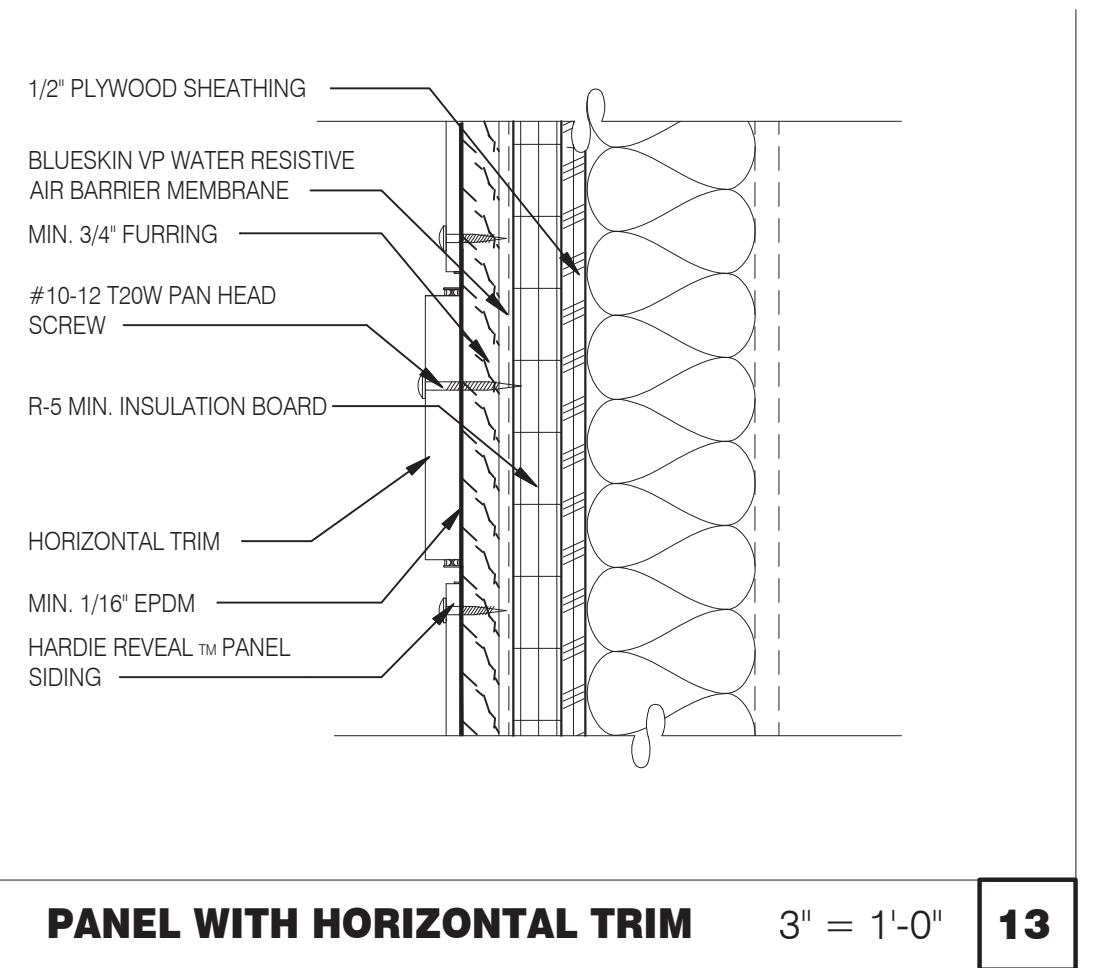
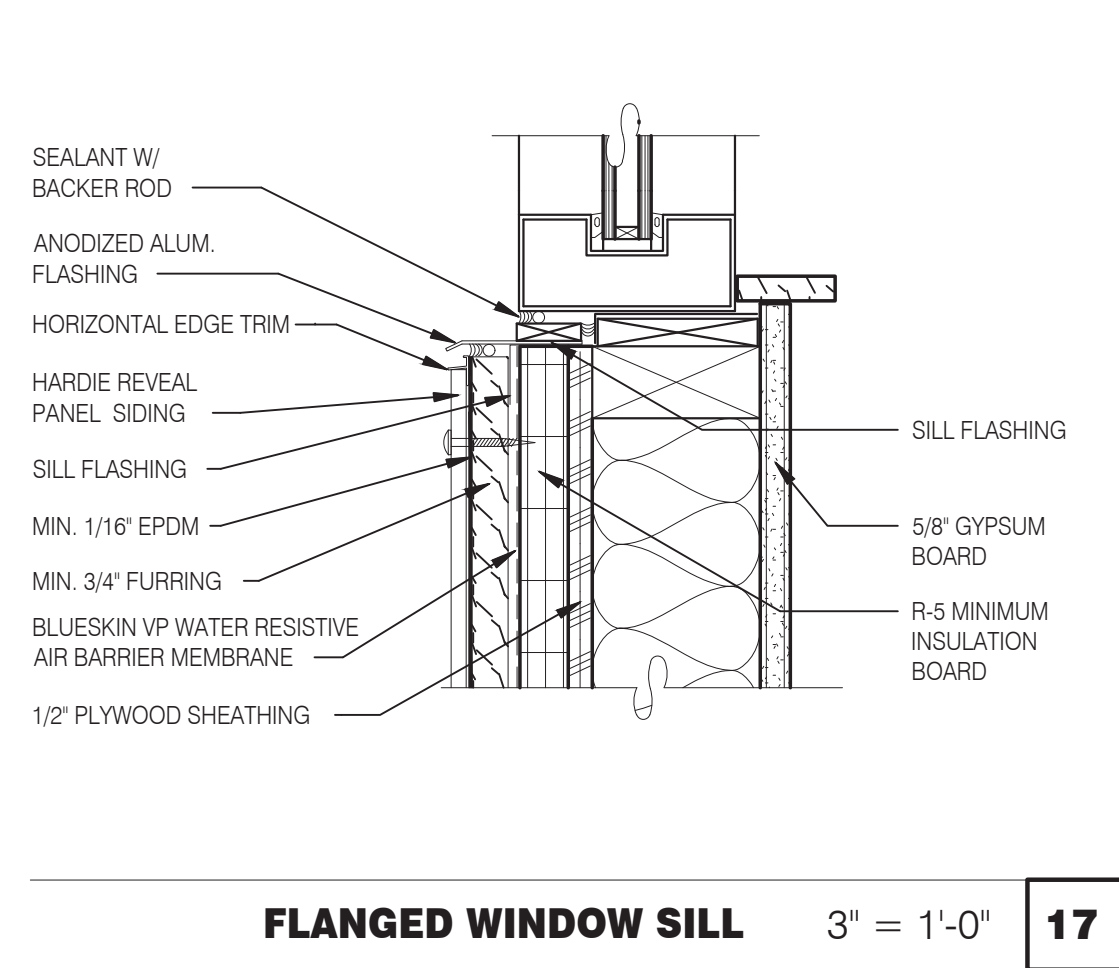
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Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 CEILING DETAILS

A6.5

PLOT DATE: 8/15/2022



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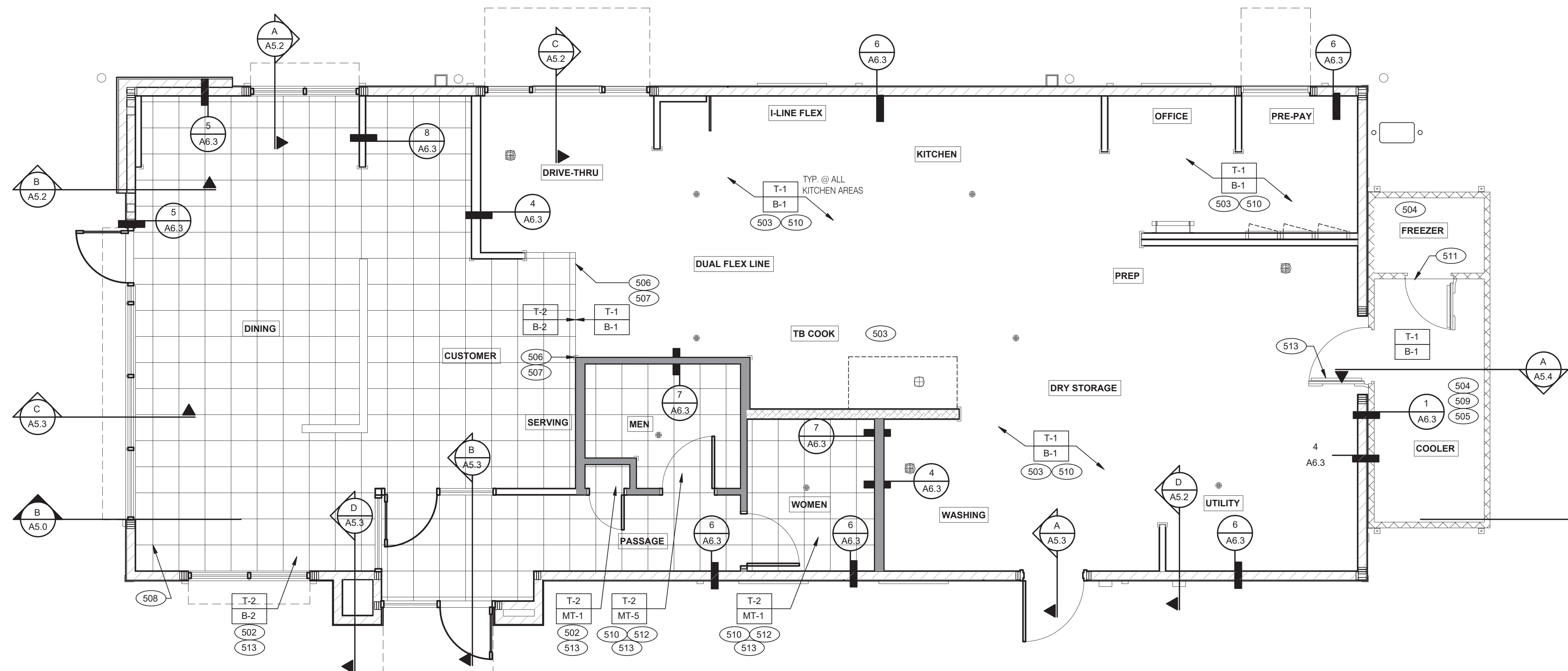
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ENDEAVOR 2.0
HARDIE BOARD
DETAILS

A6.6

PLOT DATE: 8/15/2022



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



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ENDEAVOR 2.0
**FLOOR FINISH
PLAN**

A7.0

PLOT DATE: 8/15/2022

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

NOT USED

D

FLOOR FINISH NOTES

C

KEY NOTES

B

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

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

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

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

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

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

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

502 6" COVE TILE BASE. SEE DETAIL.

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

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

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

506 ALIGN FLOOR TRANSITION STRIP WITH FACE OF WALL.

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

508 START POINT FOR FLOOR TILE.

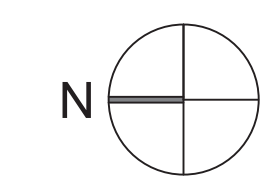
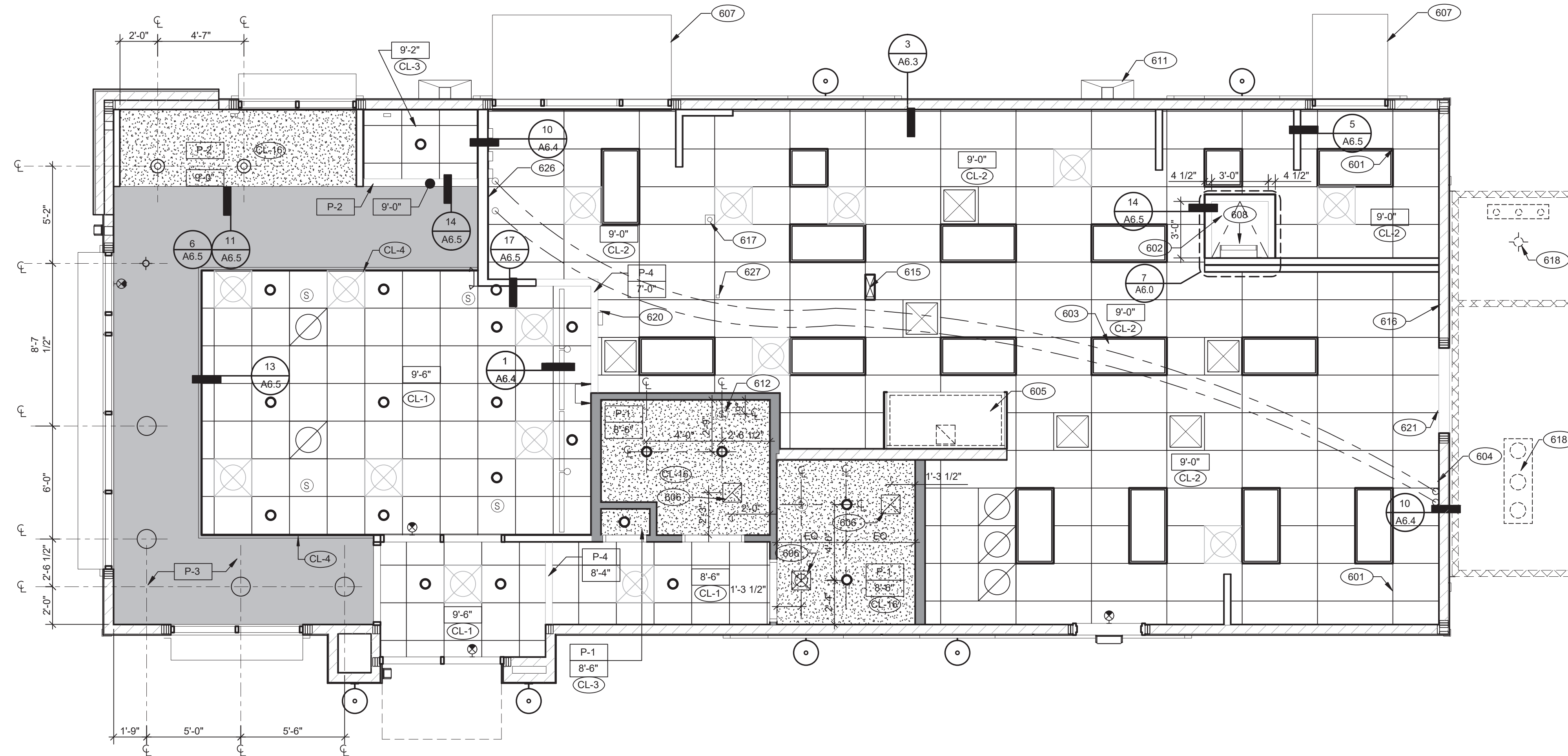
509 METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL.

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

511 STEP-UP AT FREEZER TRESHOLD.

512 SANITARY TILE BASE IN RESTROOM.

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



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

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

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.

GYP. 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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Walton Boulevard
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ENDEAVOR 2.0 REFLECTED CEILING PLAN

A7.1

PLOT DATE: 8/15/2022

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 MANUFACTURER'S STANDARD COLORS	6" HIGH	N/A	INTEGRAL HIGH-BUILD EPOXY COVERED WALL BASE
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
FLOORING						
T-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURER'S STANDARD COLORS		N/A	PROVIDE SLOPED A.D.A. COMPLIANT CLEAR ANODIZED ALUMINUM TRANSITION STRIP AT INTERFACE WITH CERAMIC TILE; AND INTEGRAL HIGH-BUILD EPOXY COVERED WALL BASE
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
FRP/LAMINATE						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S2/S WHITE	4 X 9 X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, RRUTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
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

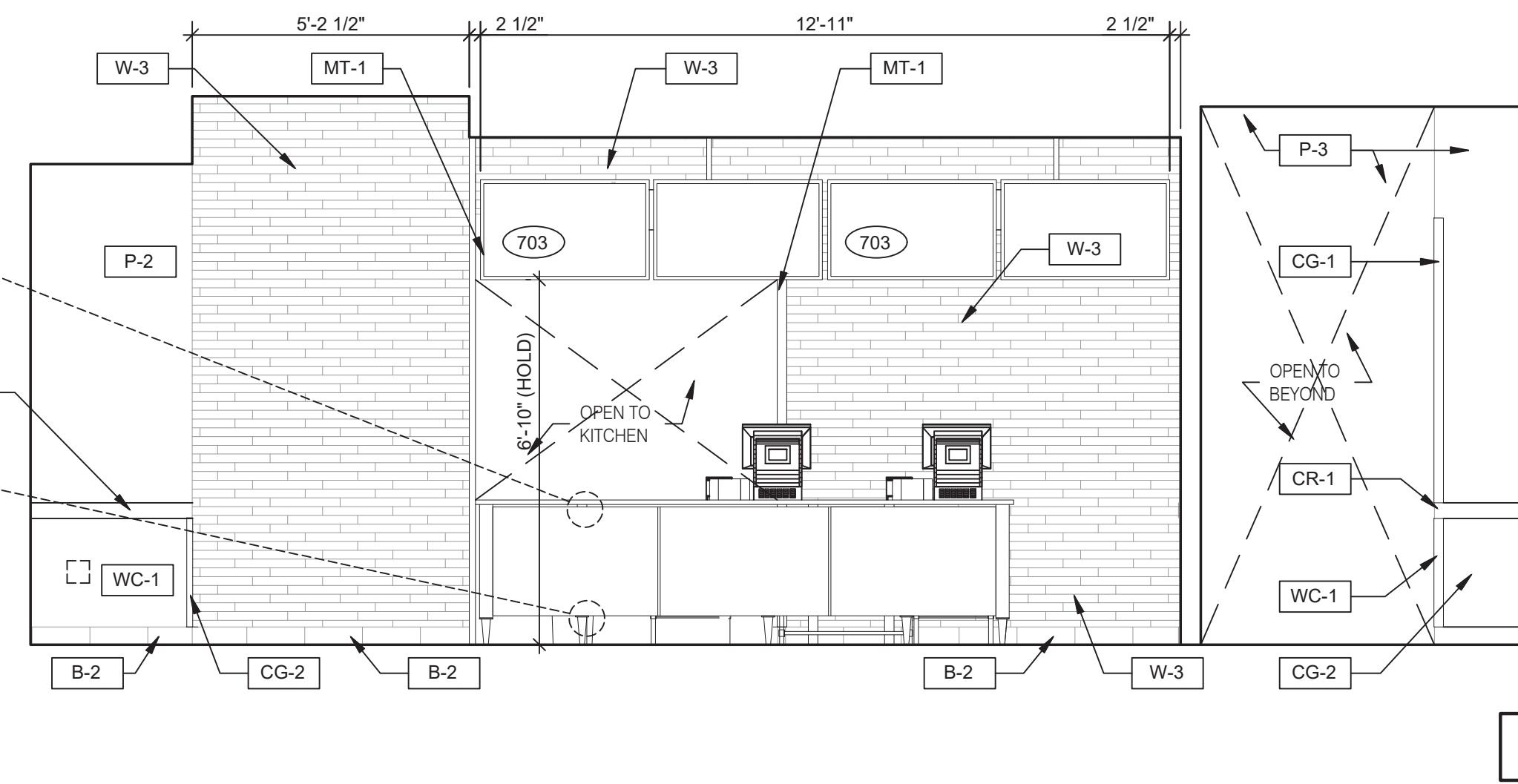
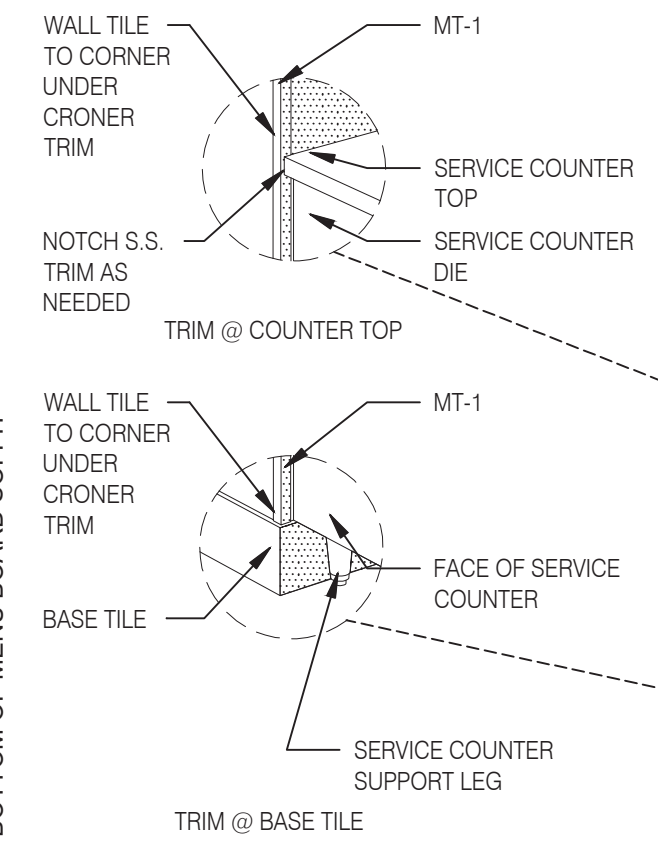
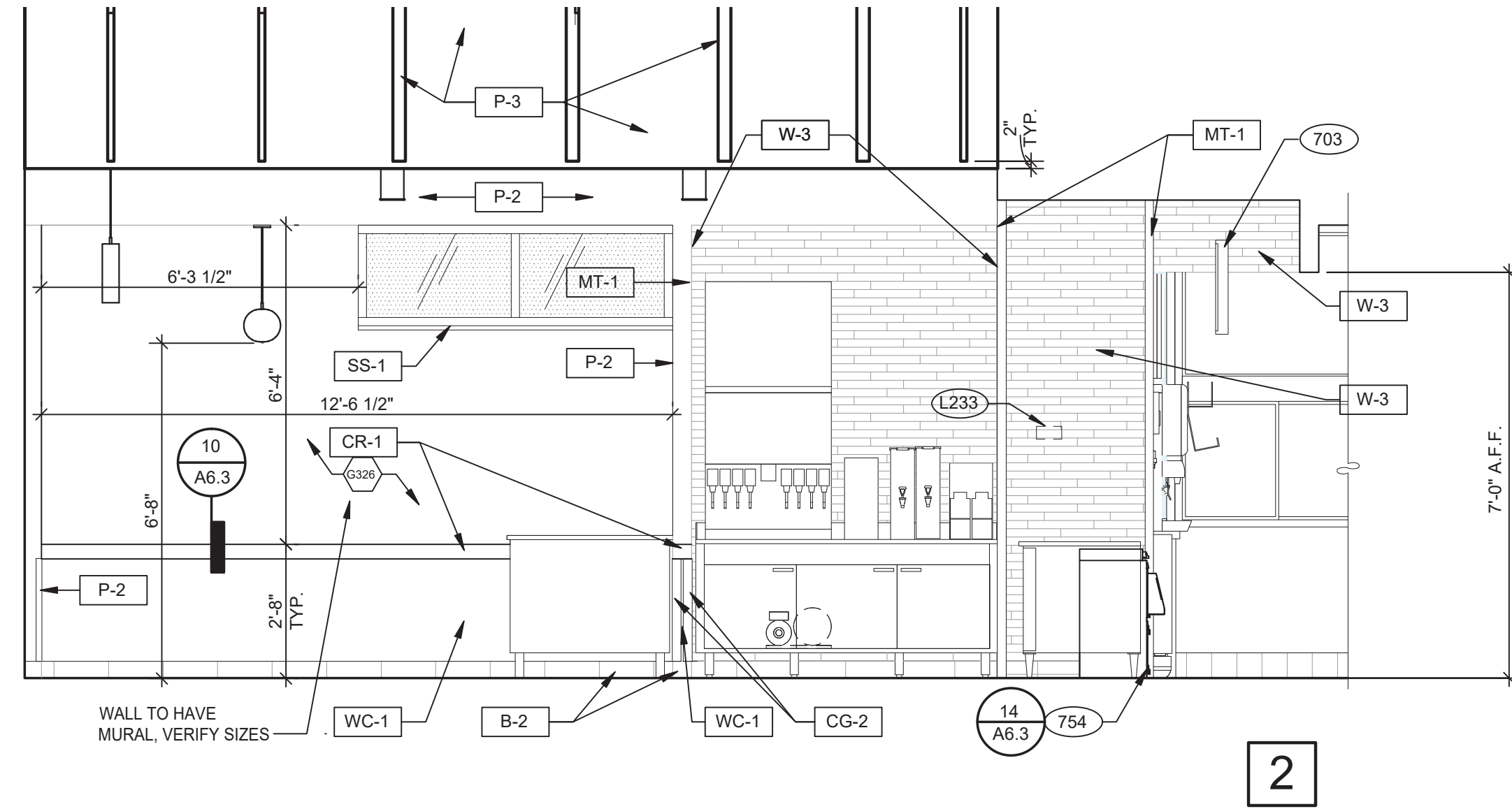
FINISH
SCHEDULE

A7.2

PLOT DATE: 8/15/2022

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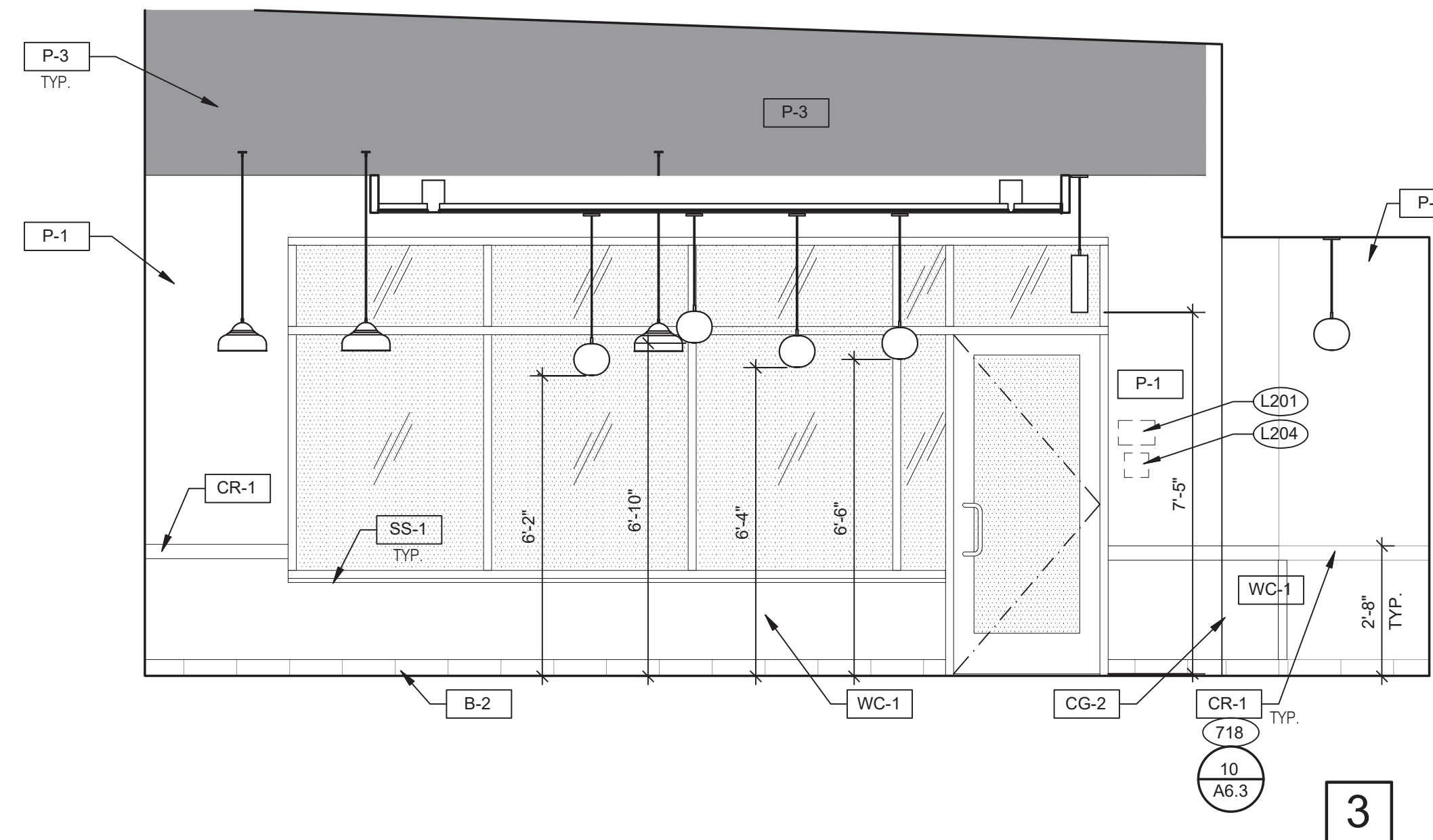
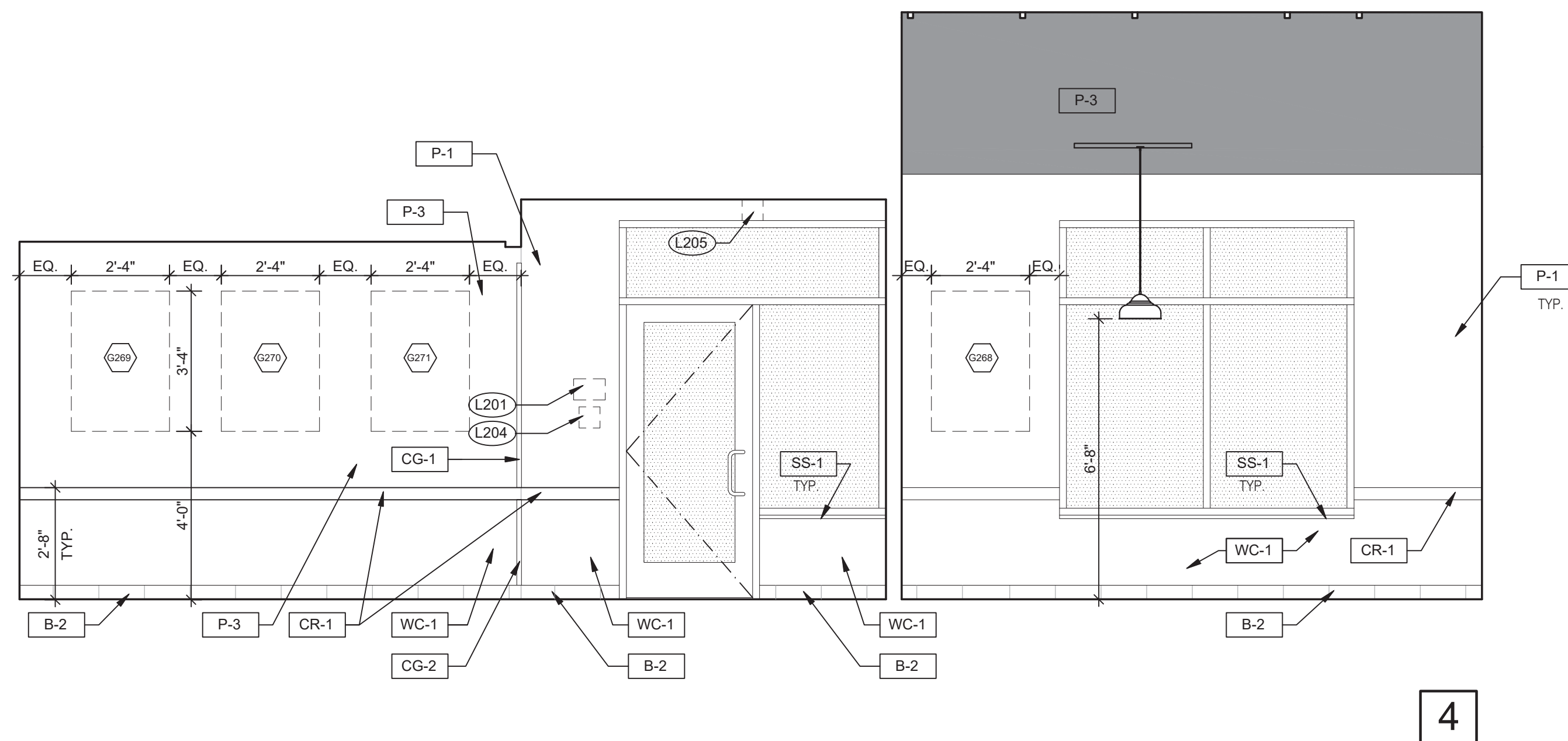
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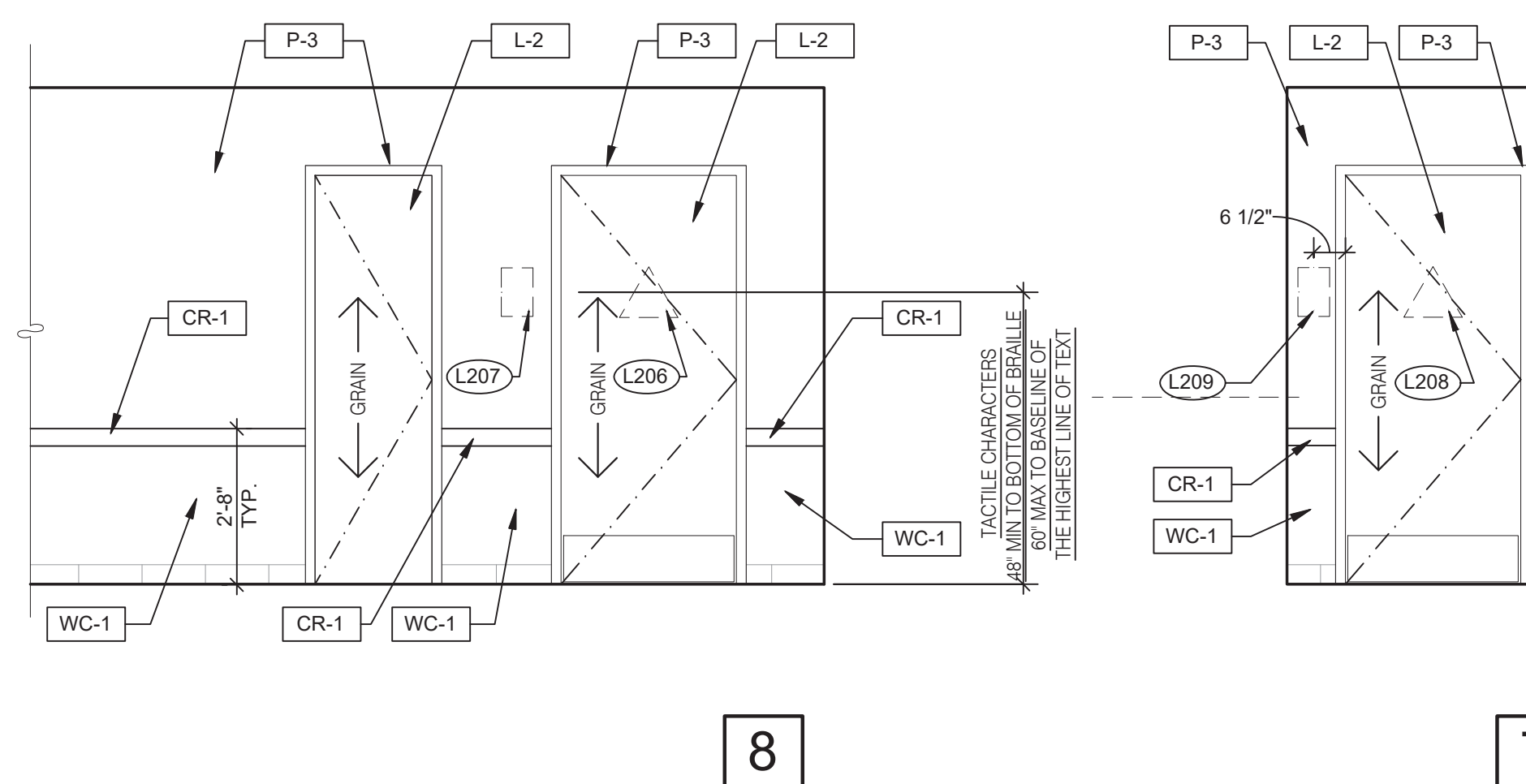
DINING 3/8" = 1'-0"



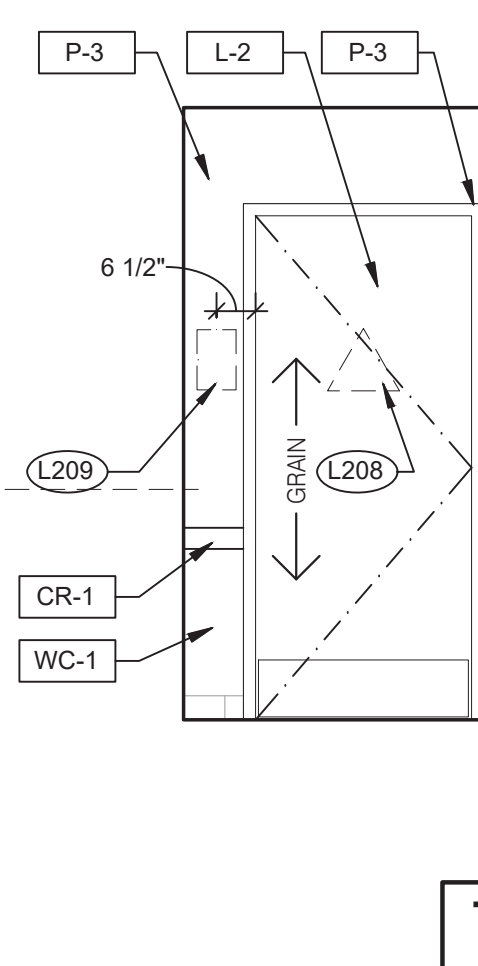
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DINING 3/8" = 1'-0"

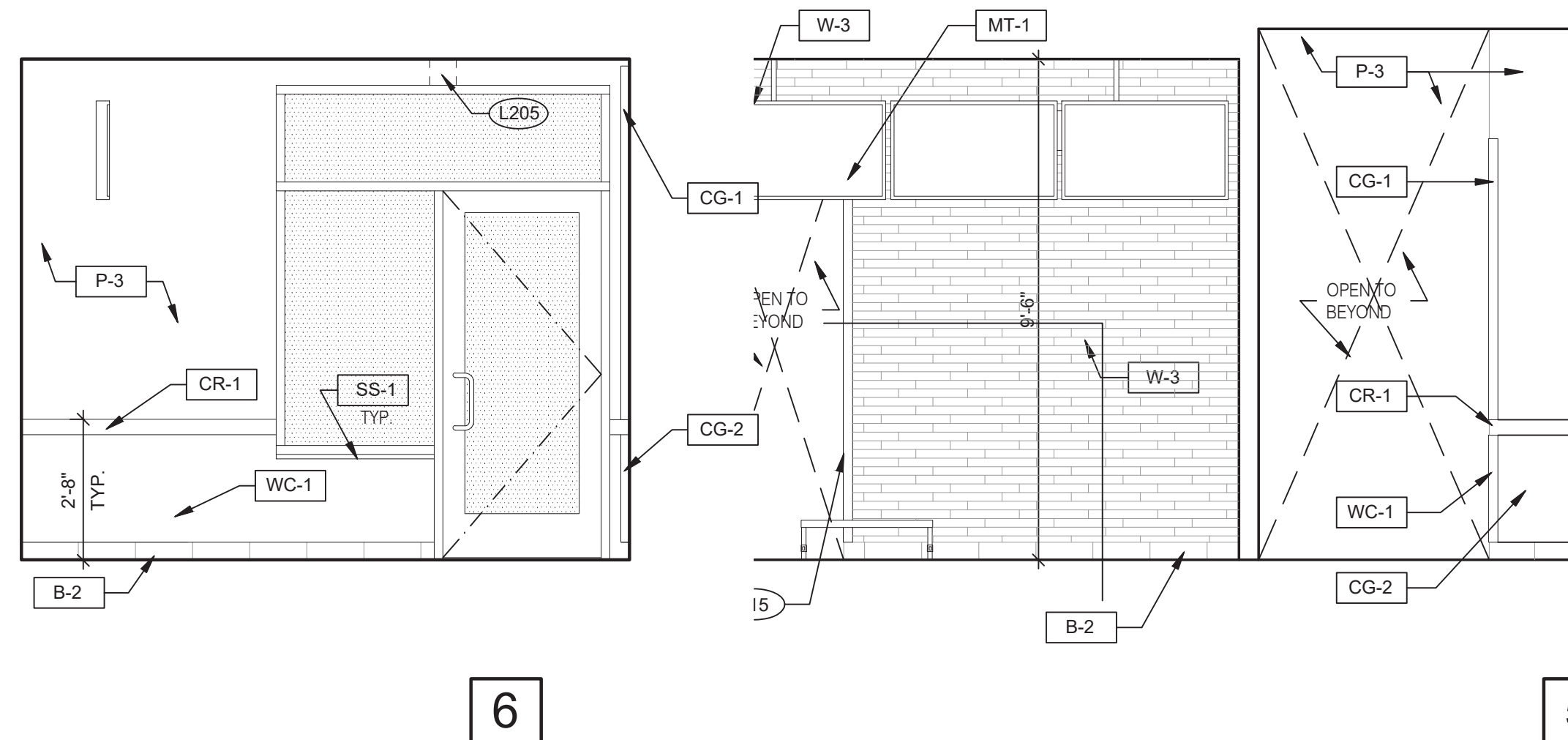


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7

PASSAGE 3/8" = 1'-0"



6

5

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

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

KEYNOTES

A



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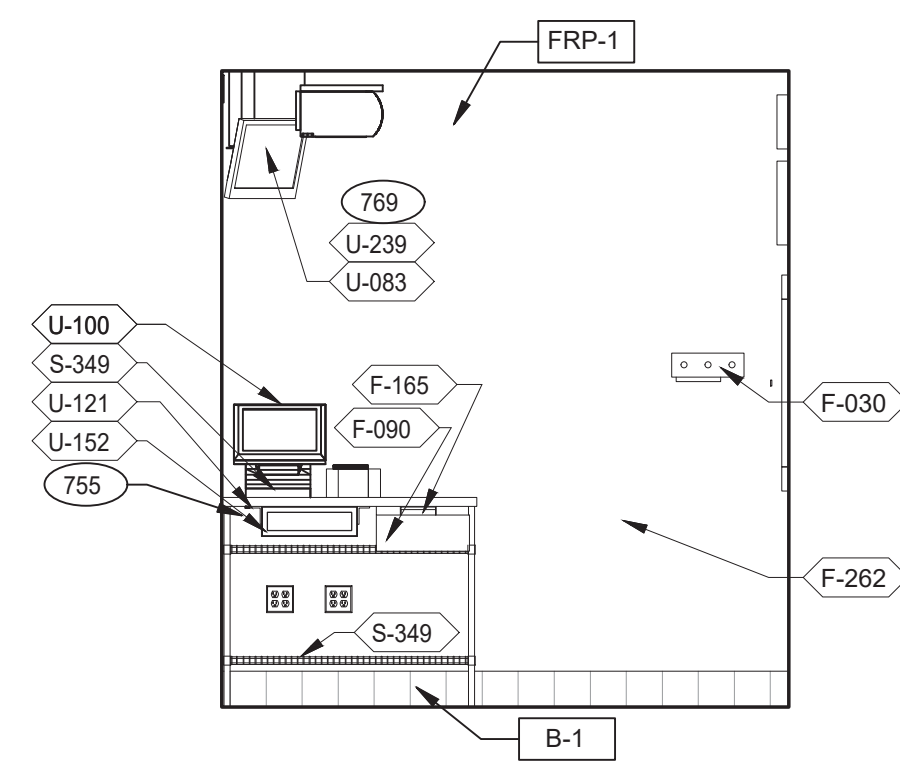
GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



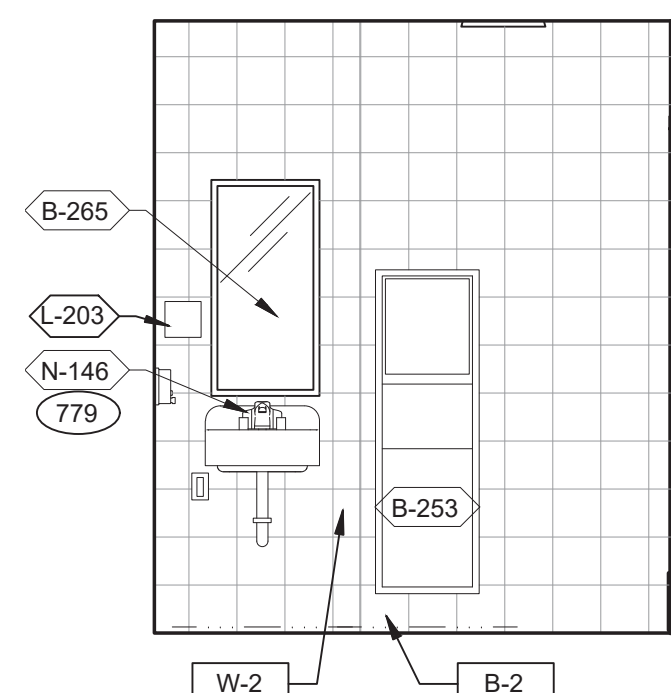
ENDEAVOR 2.0
INTERIOR ELEVATIONS
DINING ROOM

A8.0

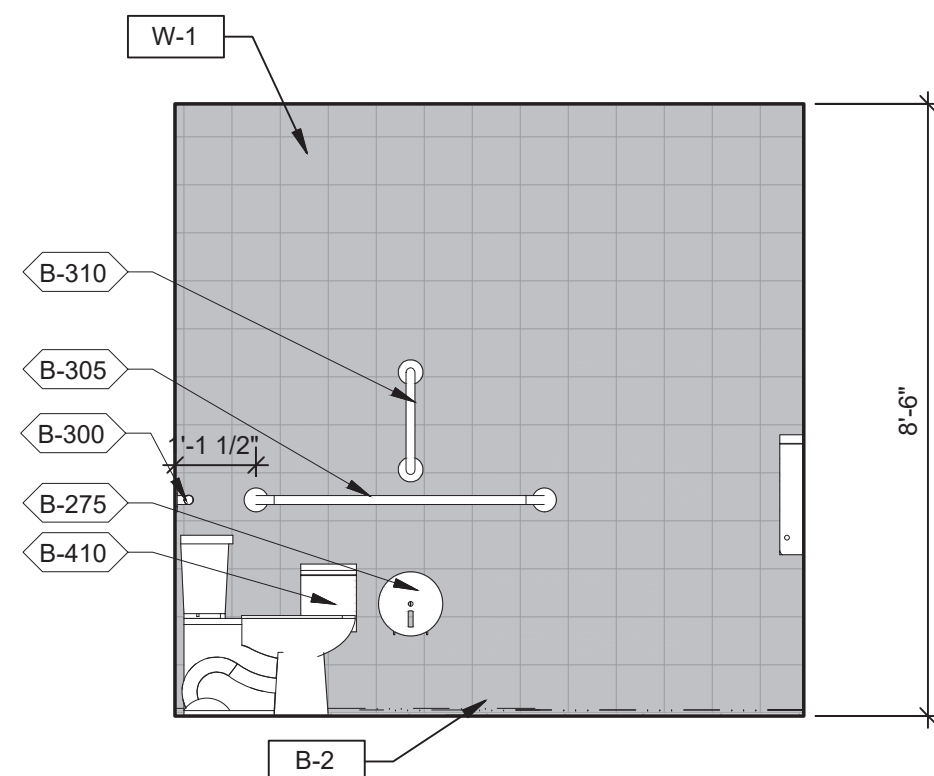
PLOT DATE: 8/15/2022



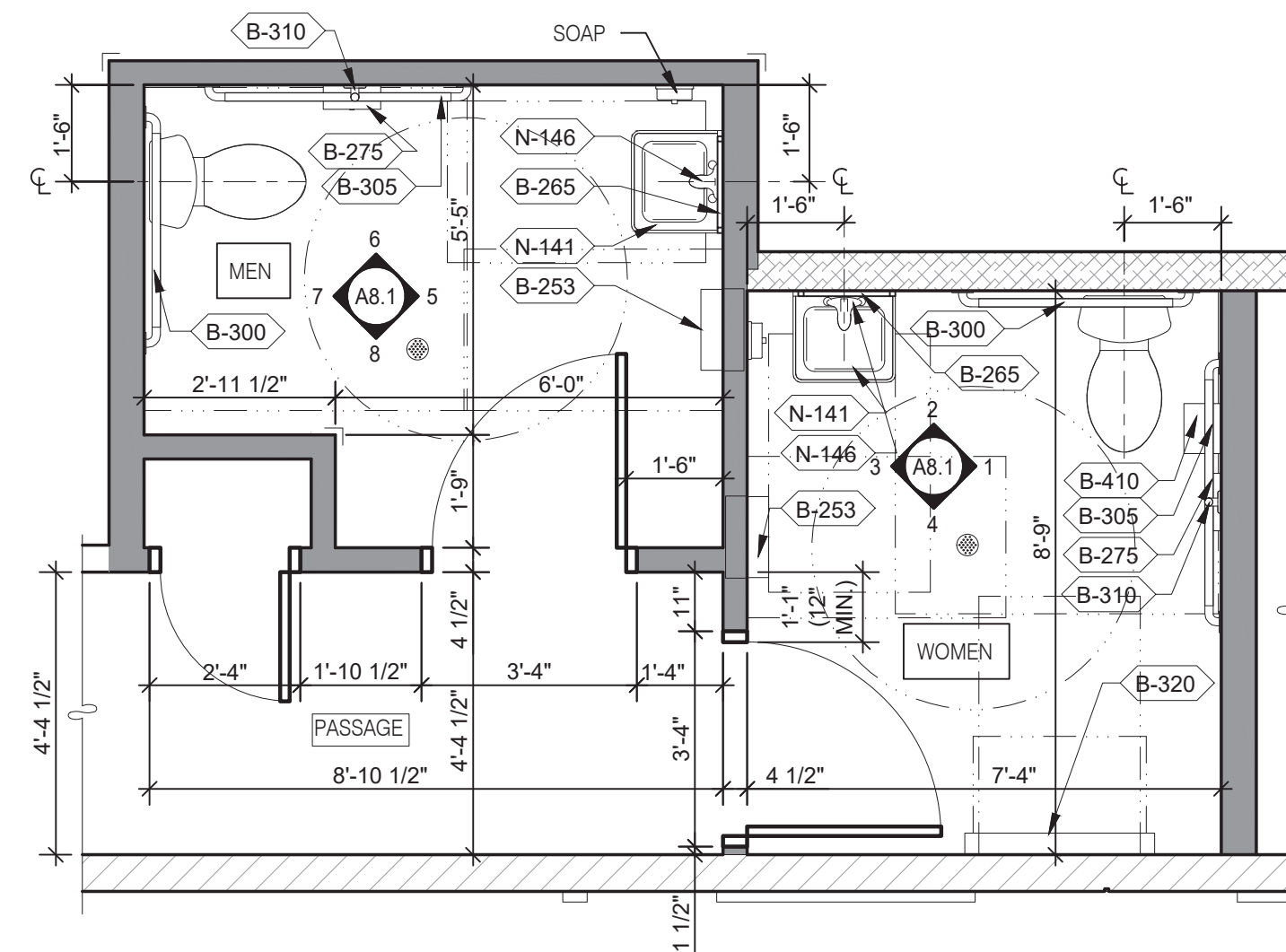
PRE-PAY ELEVATION 3/8" = 1'-0" **9**



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

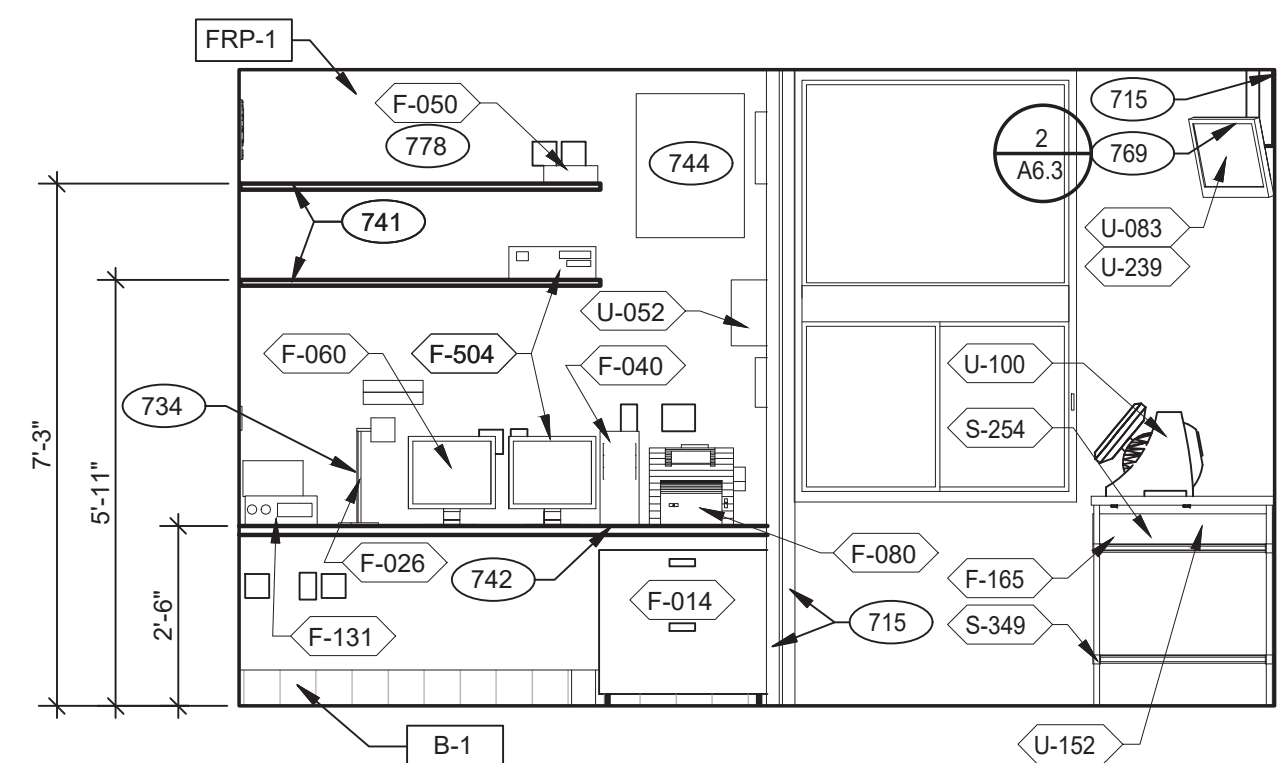
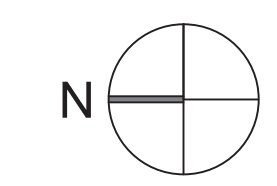


WOMEN'S RESTROOM 3/8" = 1'-0" **1**

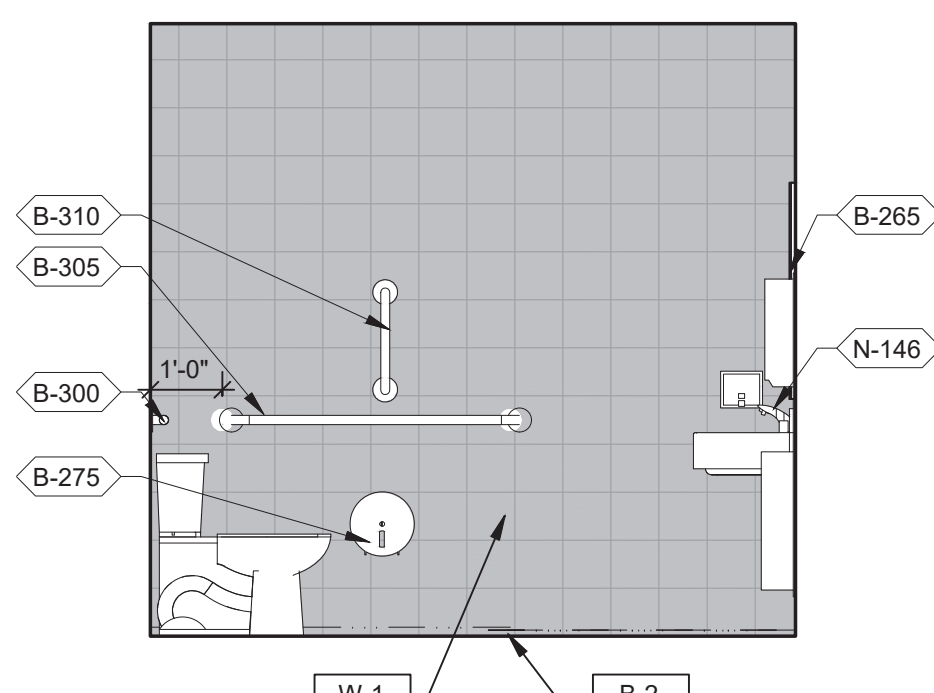


ENLARGED RESTROOM / GENERAL NOTES 3/8" = 1'-0" **A**

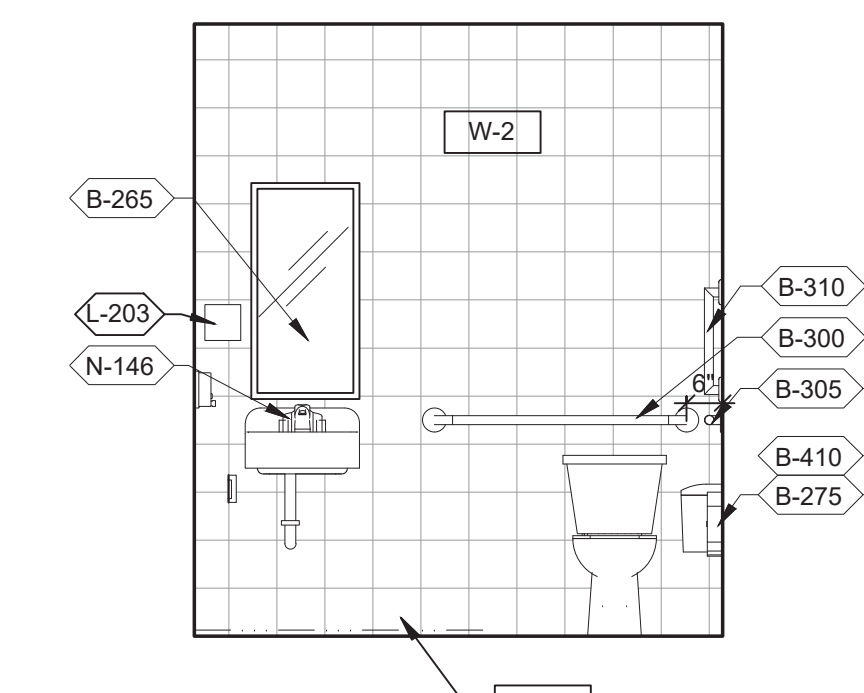
- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
 - B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
 - C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
 - D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES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



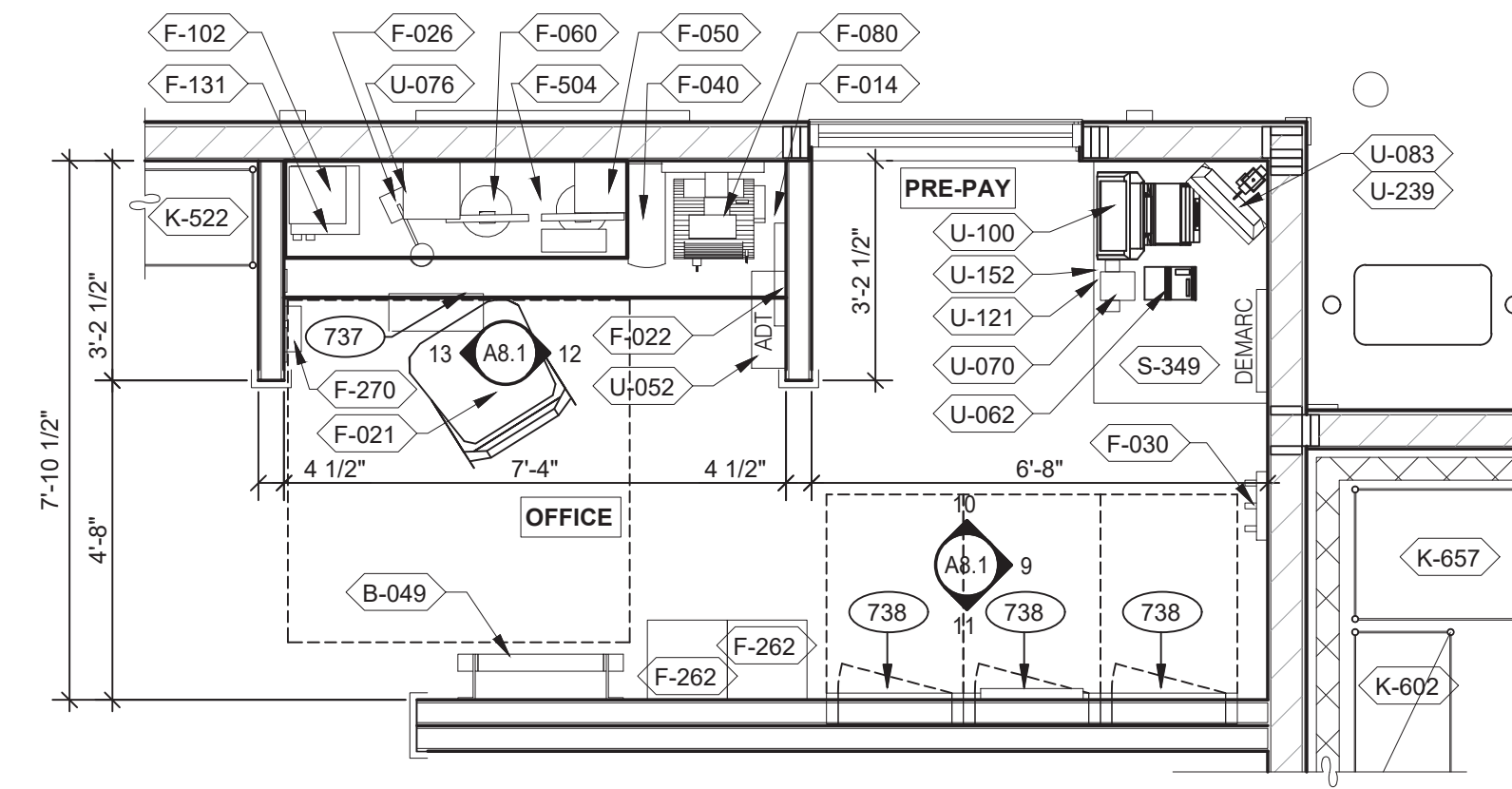
OFFICE / PRE-PAY ELEVATION 3/8" = 1'-0" **10**



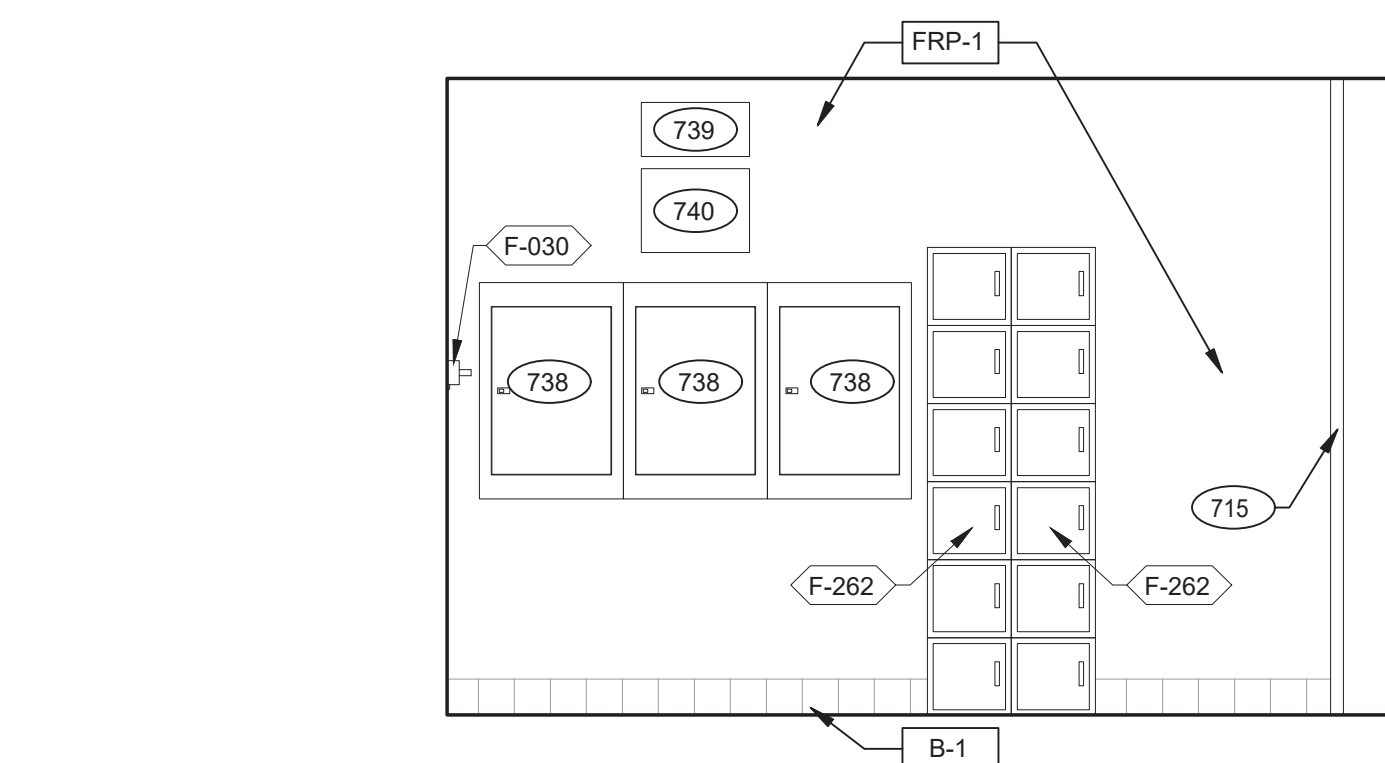
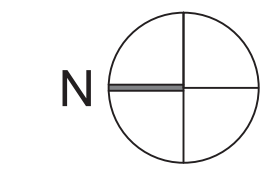
MEN'S RESTROOM 3/8" = 1'-0" **6**



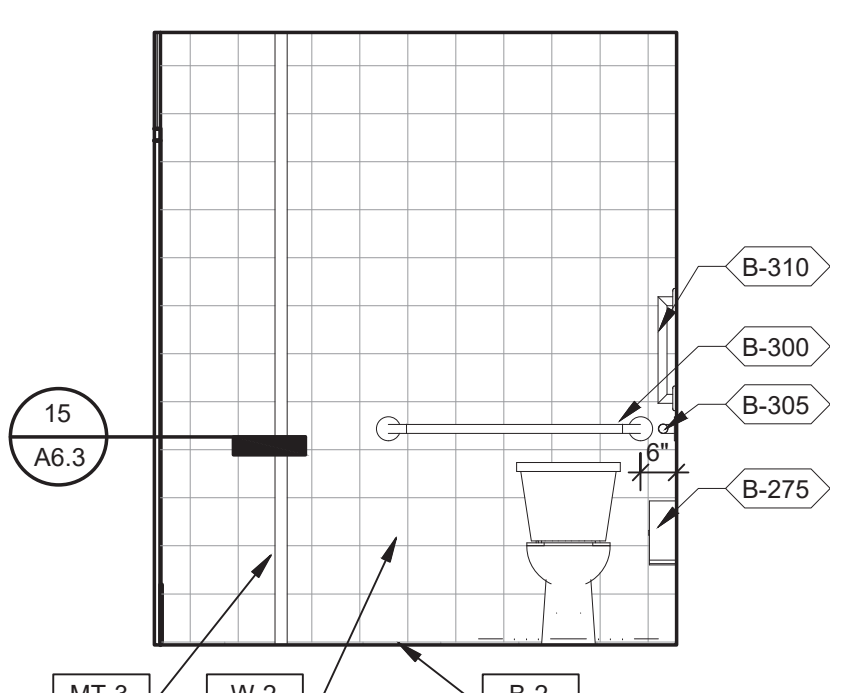
WOMEN'S RESTROOM 3/8" = 1'-0" **2**



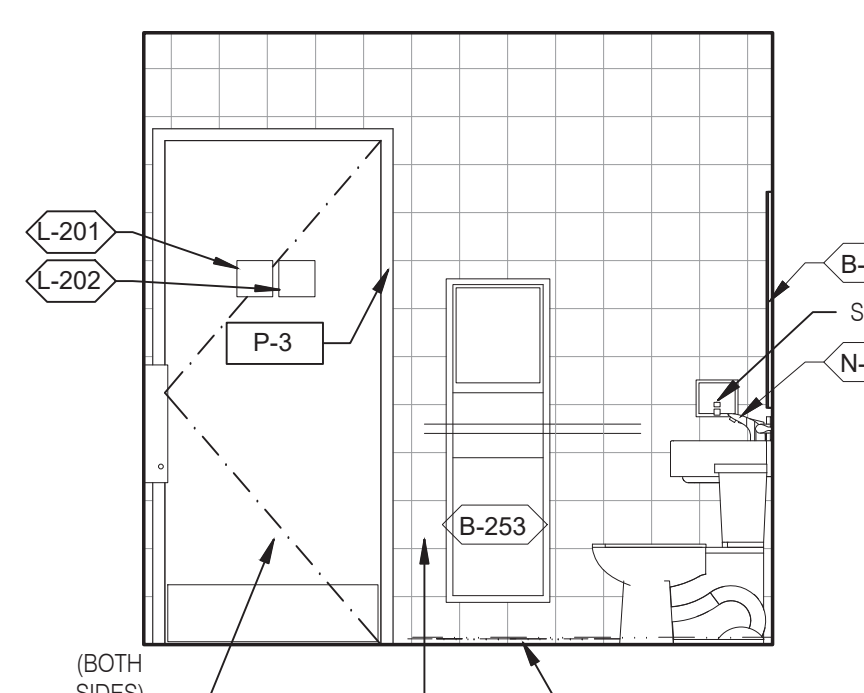
OFFICE PLAN 3/8" = 1'-0" **B**



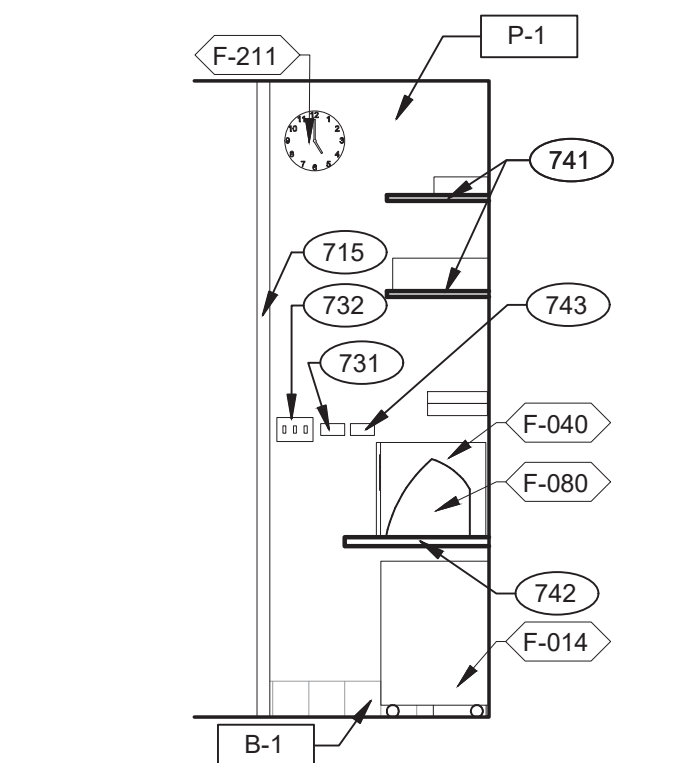
OFFICE / PRE-PAY ELEVATION 3/8" = 1'-0" **11**



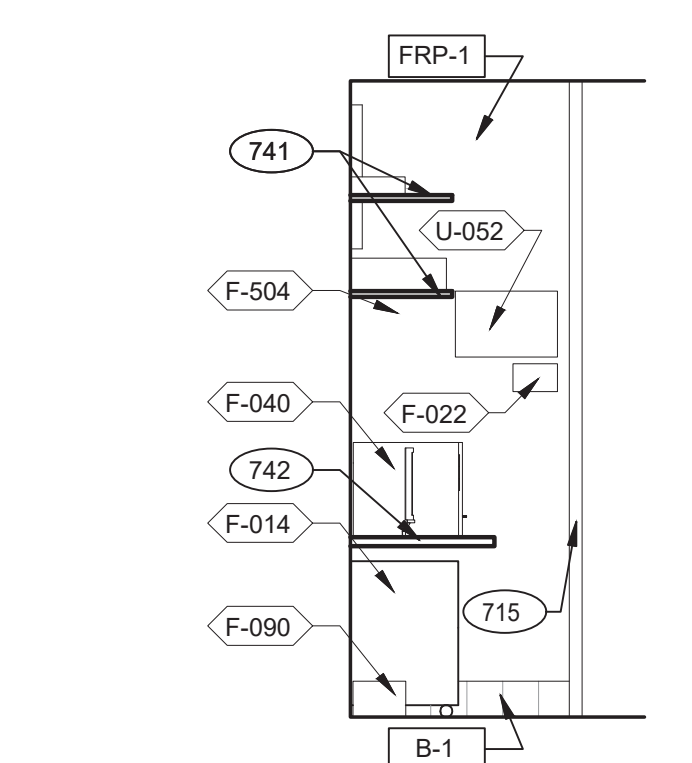
MEN'S RESTROOM 3/8" = 1'-0" **7**



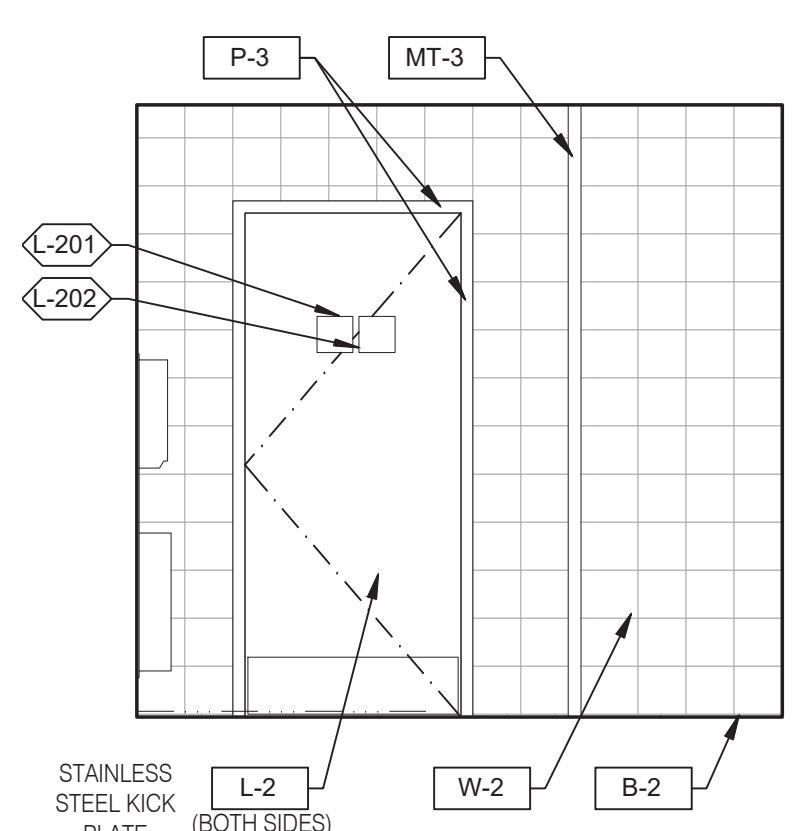
WOMEN'S RESTROOM 3/8" = 1'-0" **3**



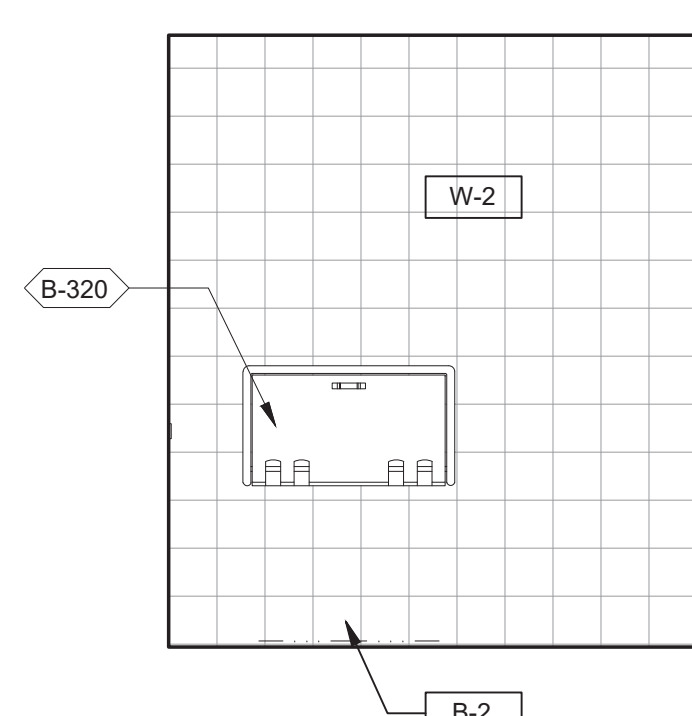
OFFICE ELEVATION 3/8" = 1'-0" **13**



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



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



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

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

RESTROOM SIGNAGE **D**

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

KEYNOTES **C**



L+A ARCHITECTS INC. A.I.A.
441 S. LIVERNOIS ROAD
SUITE 265
ROCHESTER HILLS, MI 48307
PHONE (248) 524-4700 FAX (248) 524-9746
PROJECT # 21017

DATE	REMARKS

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315286
STORE NUMBER:
PA/PM:
DRAWN BY:.
JOB NO.:

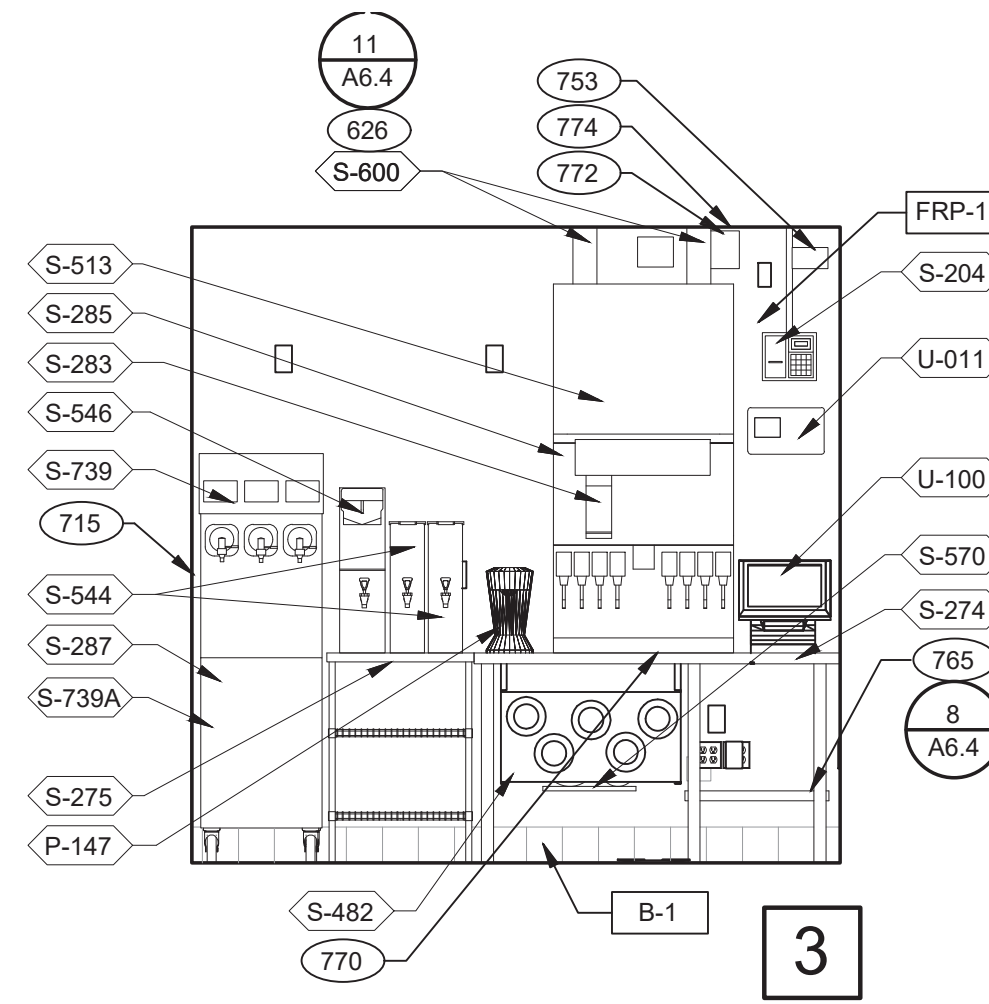
GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



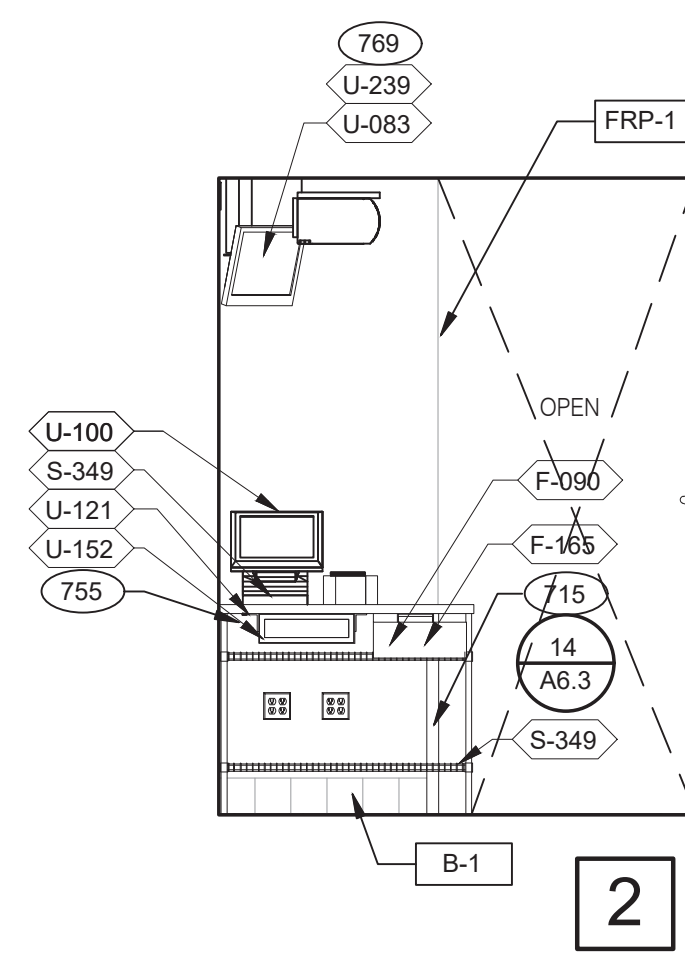
ENDEAVOR 2.0 INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN

A8.1

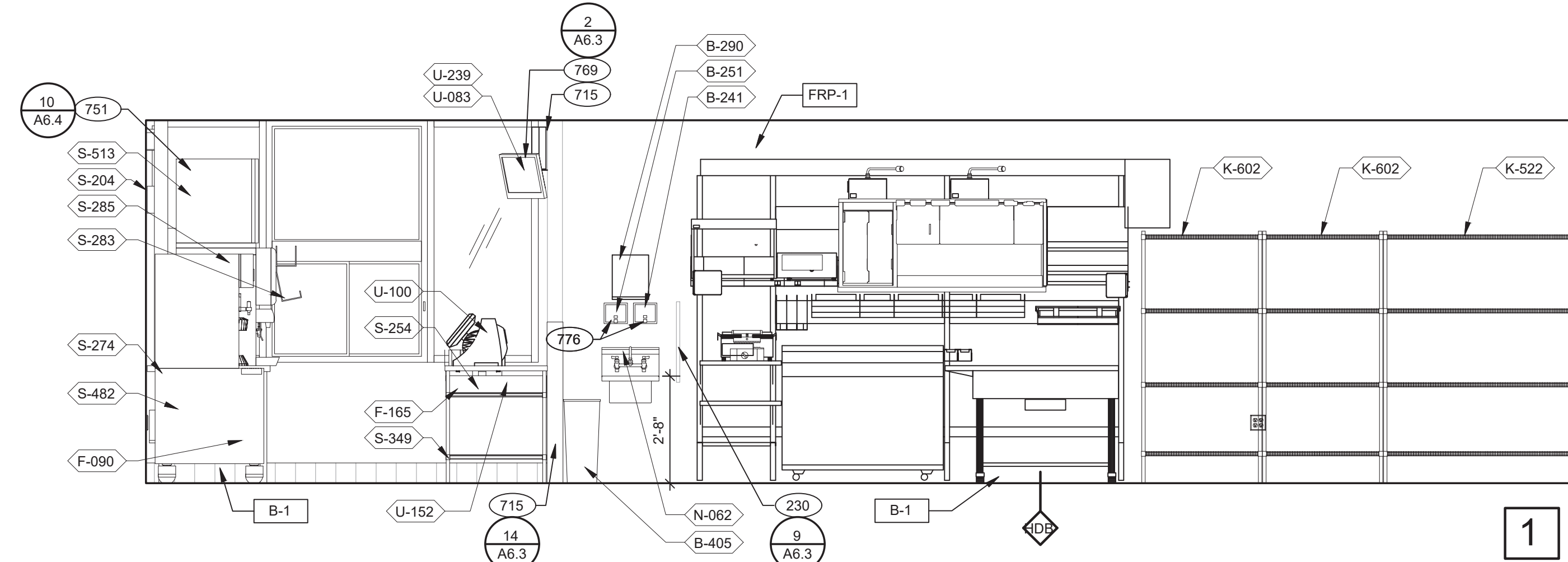
PLOT DATE: 8/15/2022



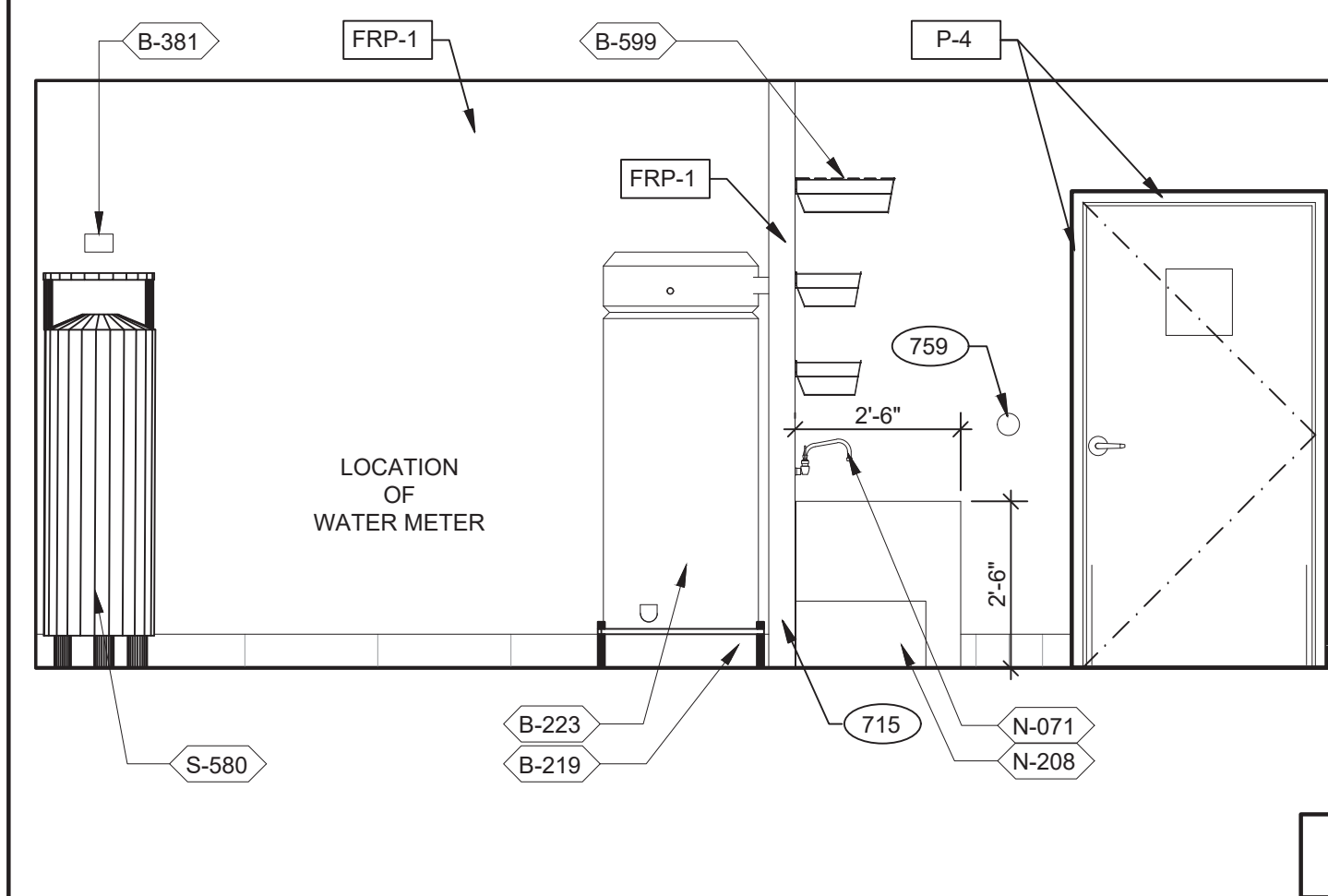
DRIVE-THRU 3/8" = 1'-0"



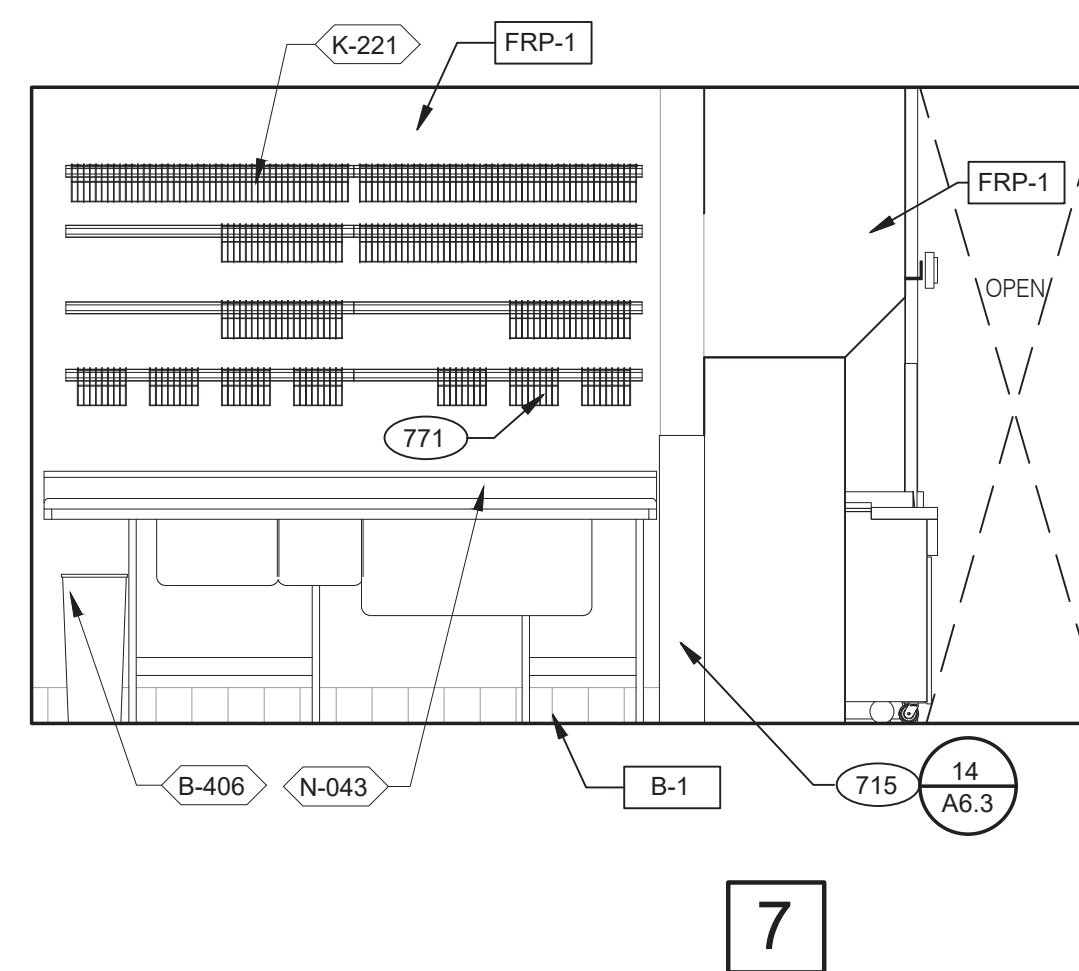
DRIVE-THRU 3/8" = 1'-0"



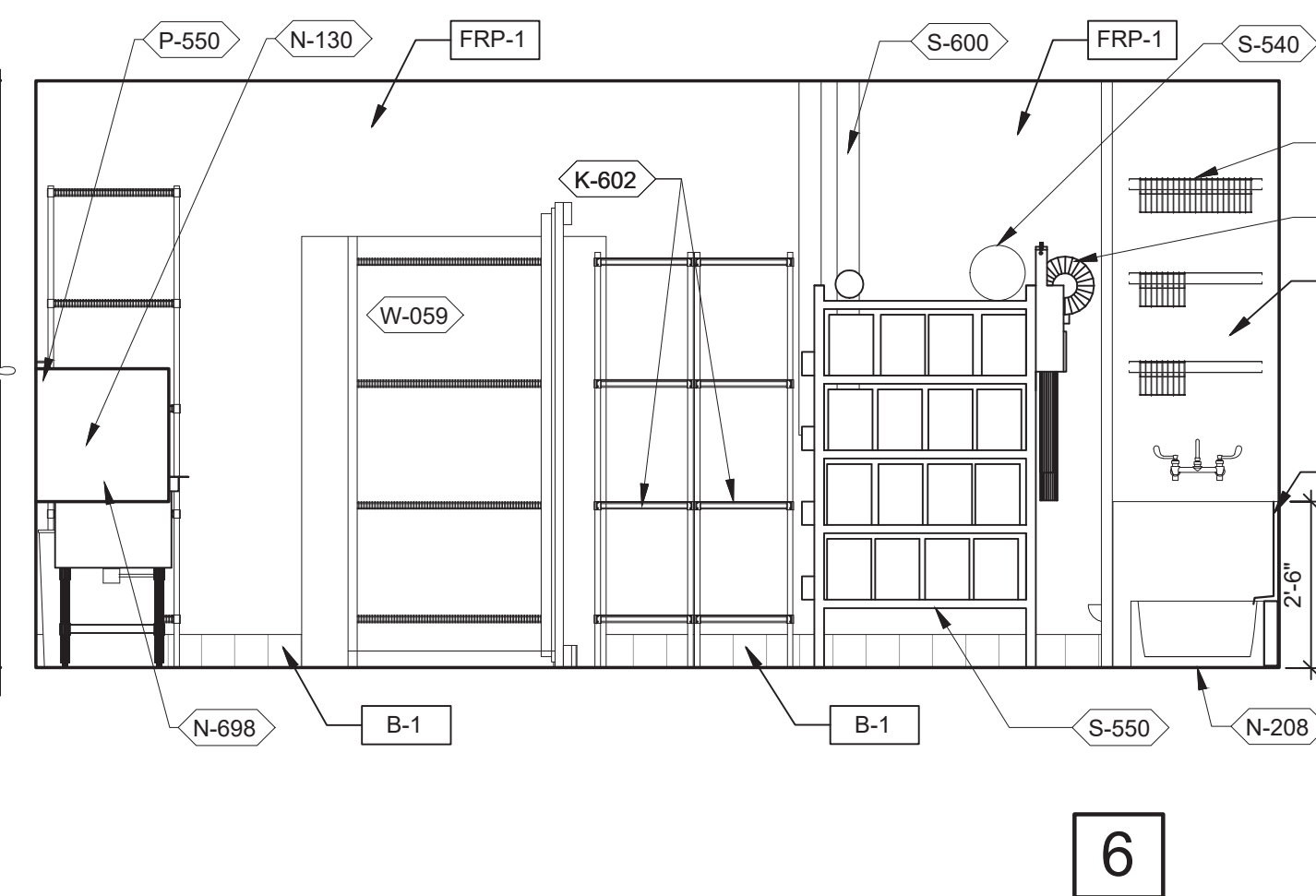
DRIVE-THRU AND TB COOK 3/8" = 1'-0"



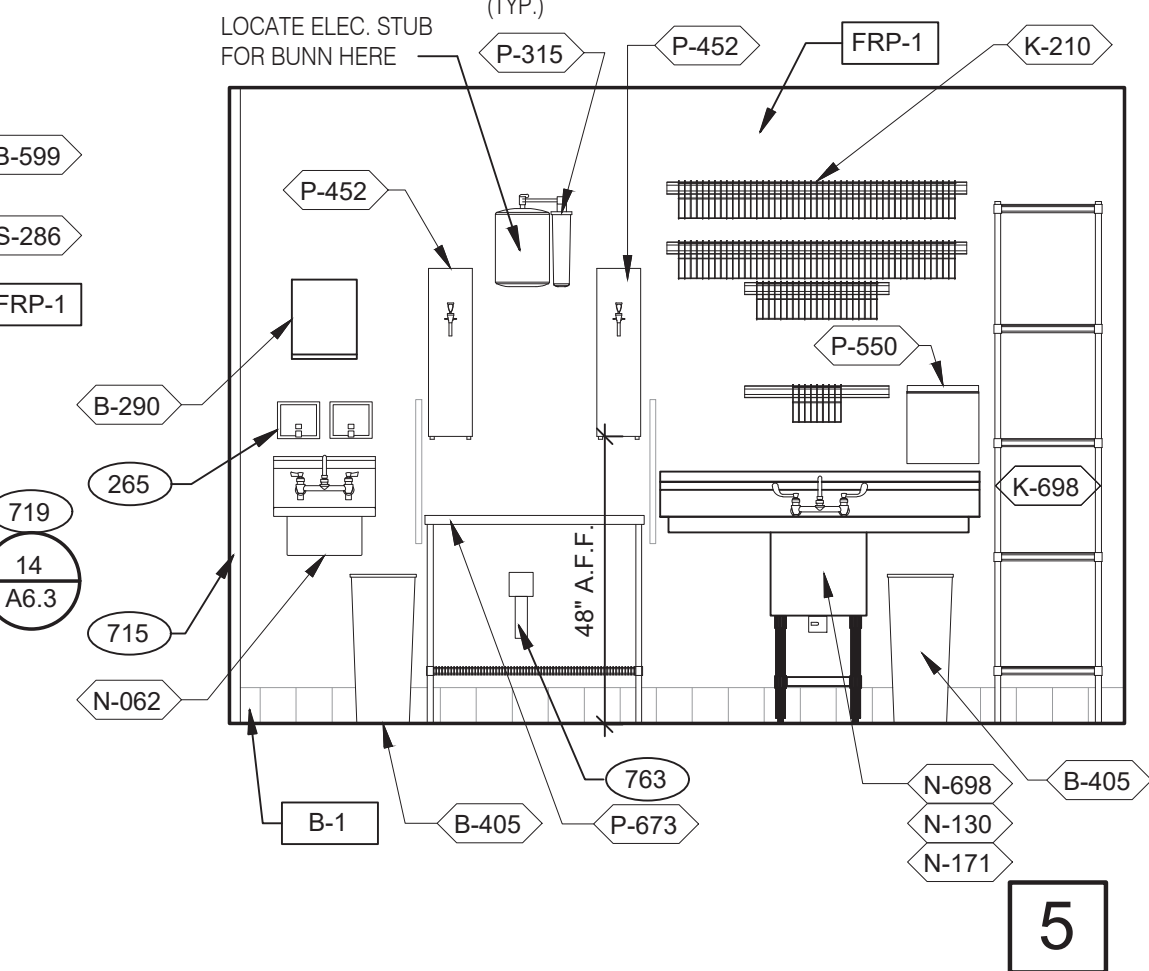
UTILITY 3/8" = 1'-0"



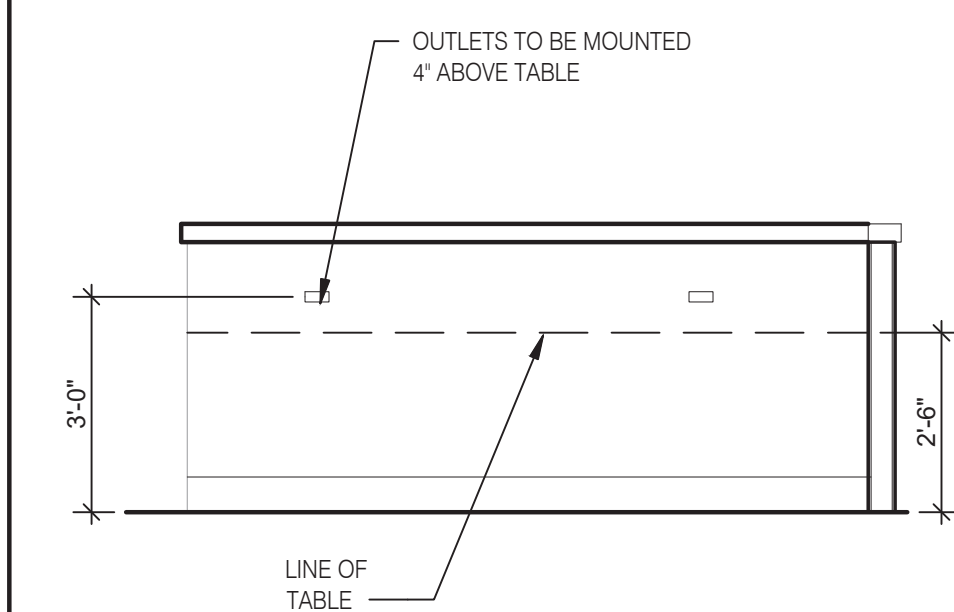
WARE WASHING 3/8" = 1'-0"



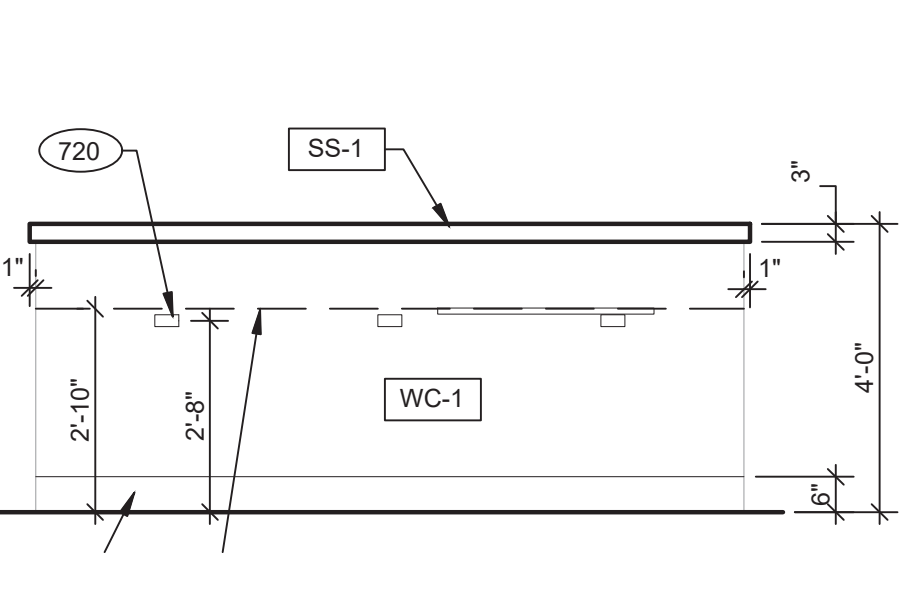
UTILITY 3/8" = 1'-0"



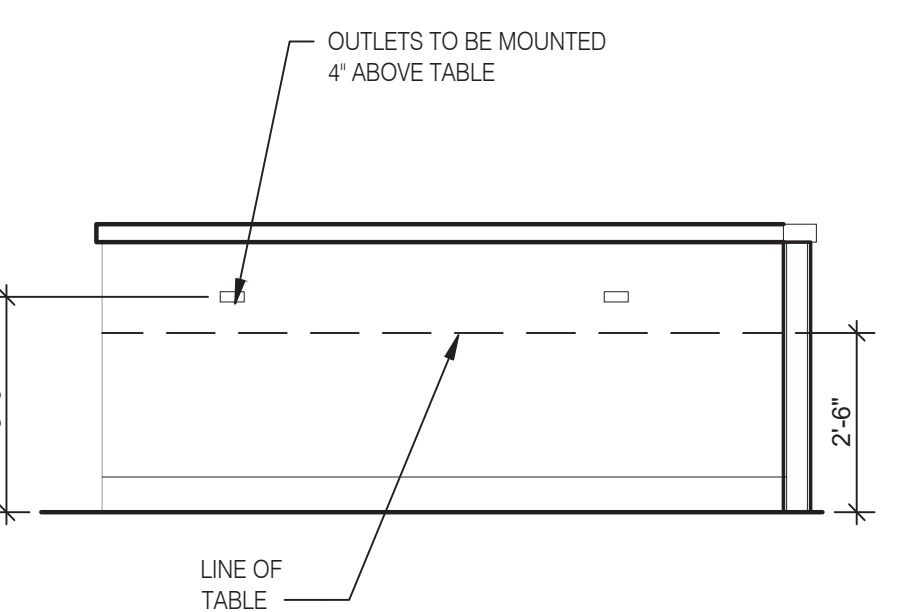
WARE WASHING 3/8" = 1'-0"



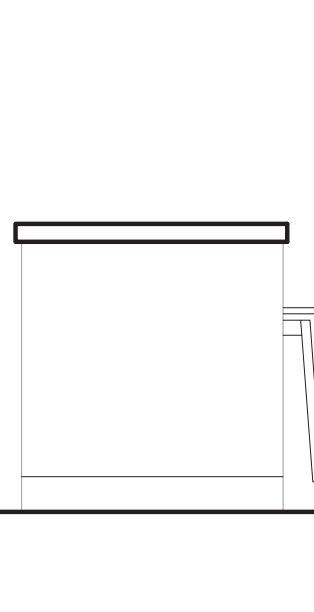
13



12

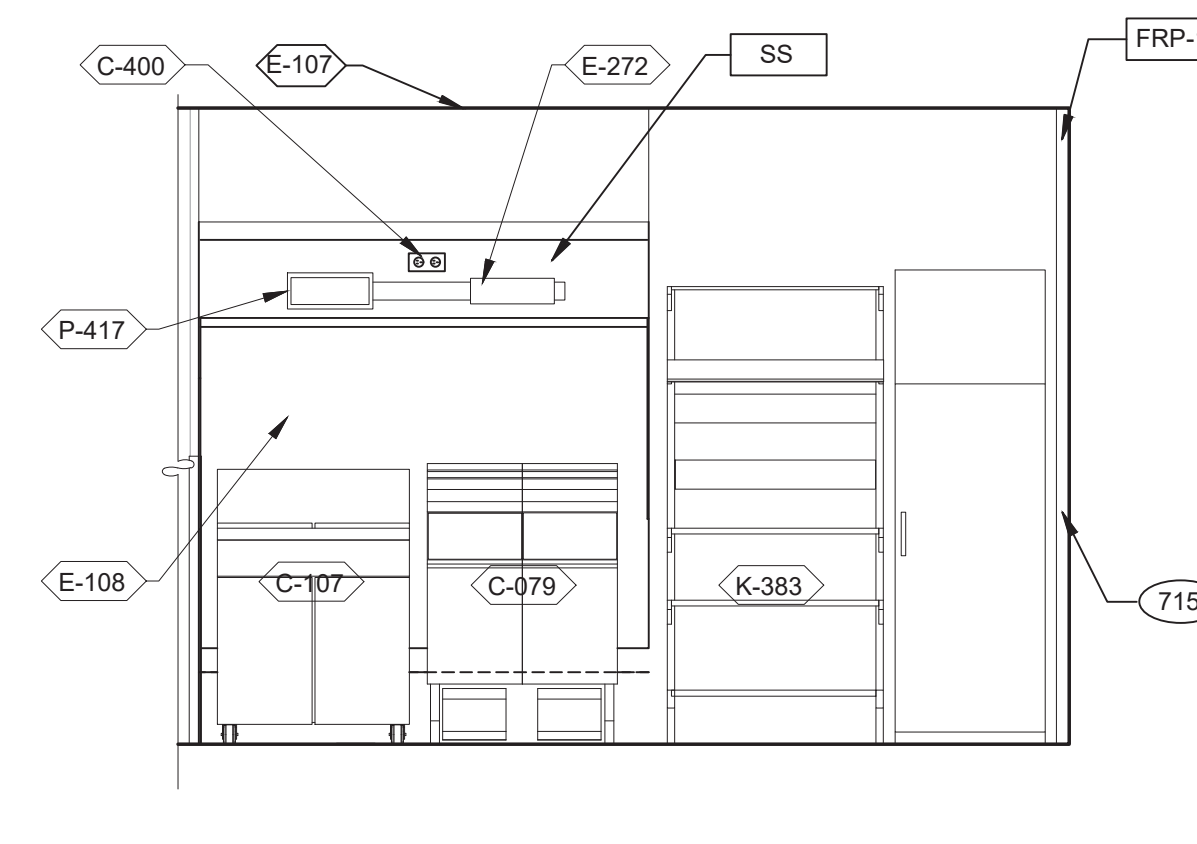


11



10

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



9

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

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

KEY NOTES

B



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 JOB NO.:

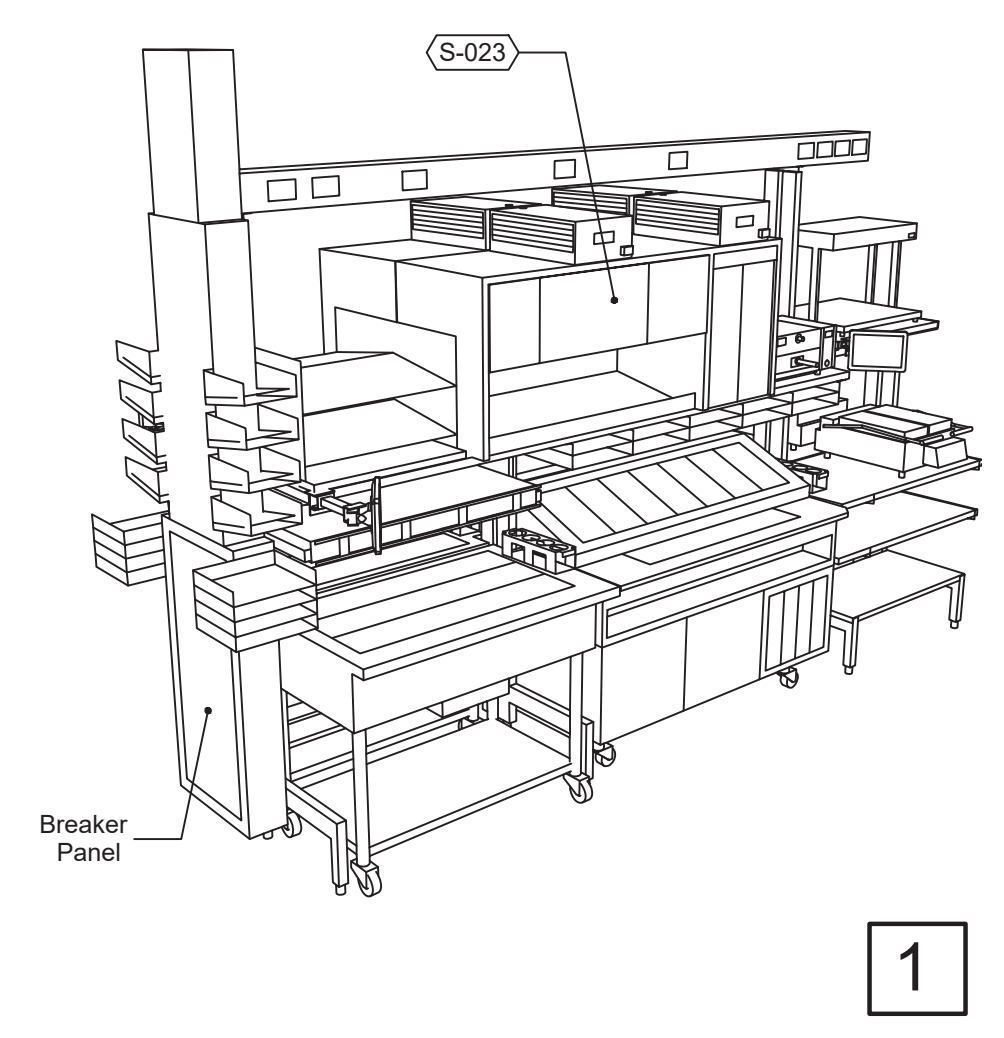
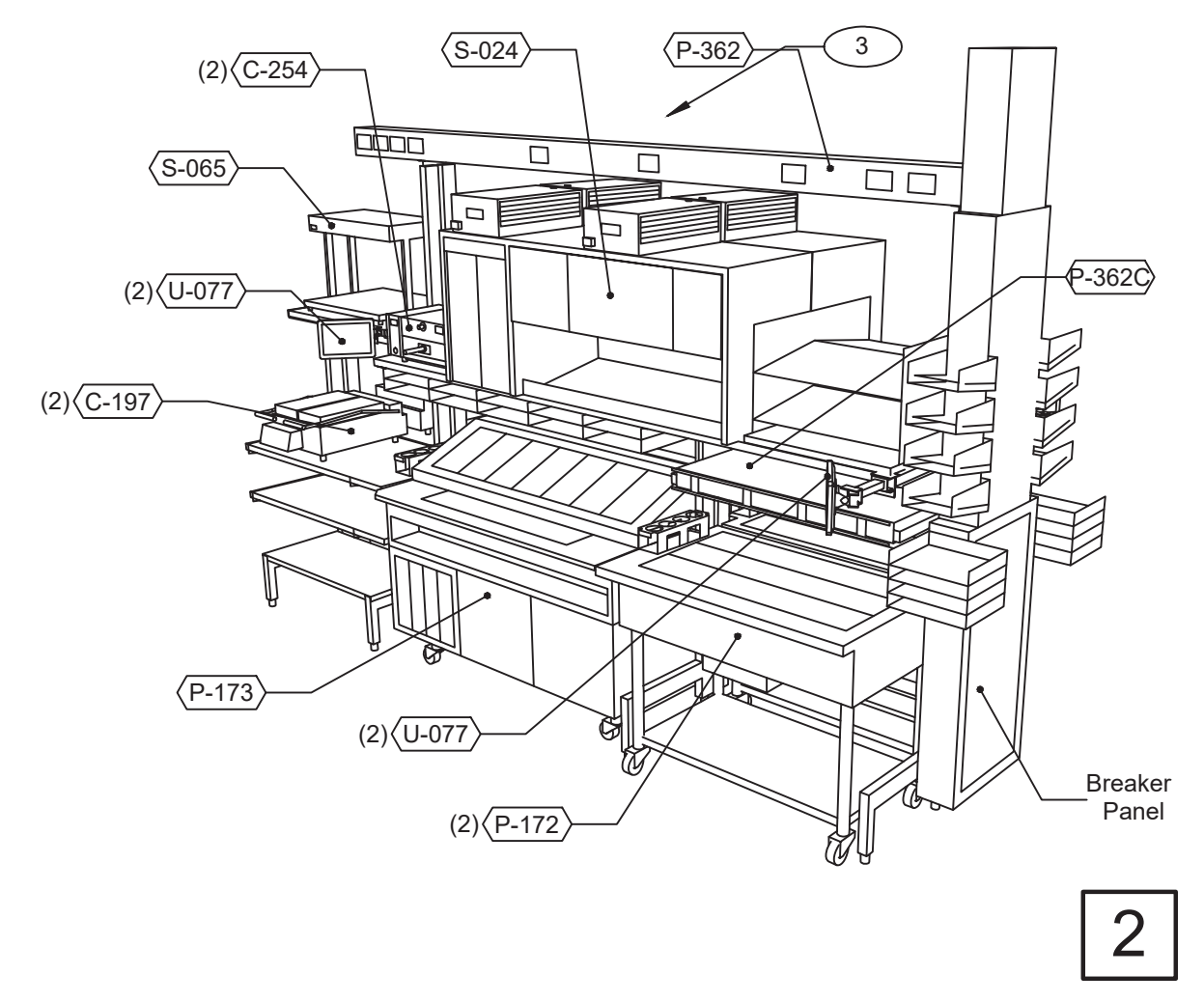
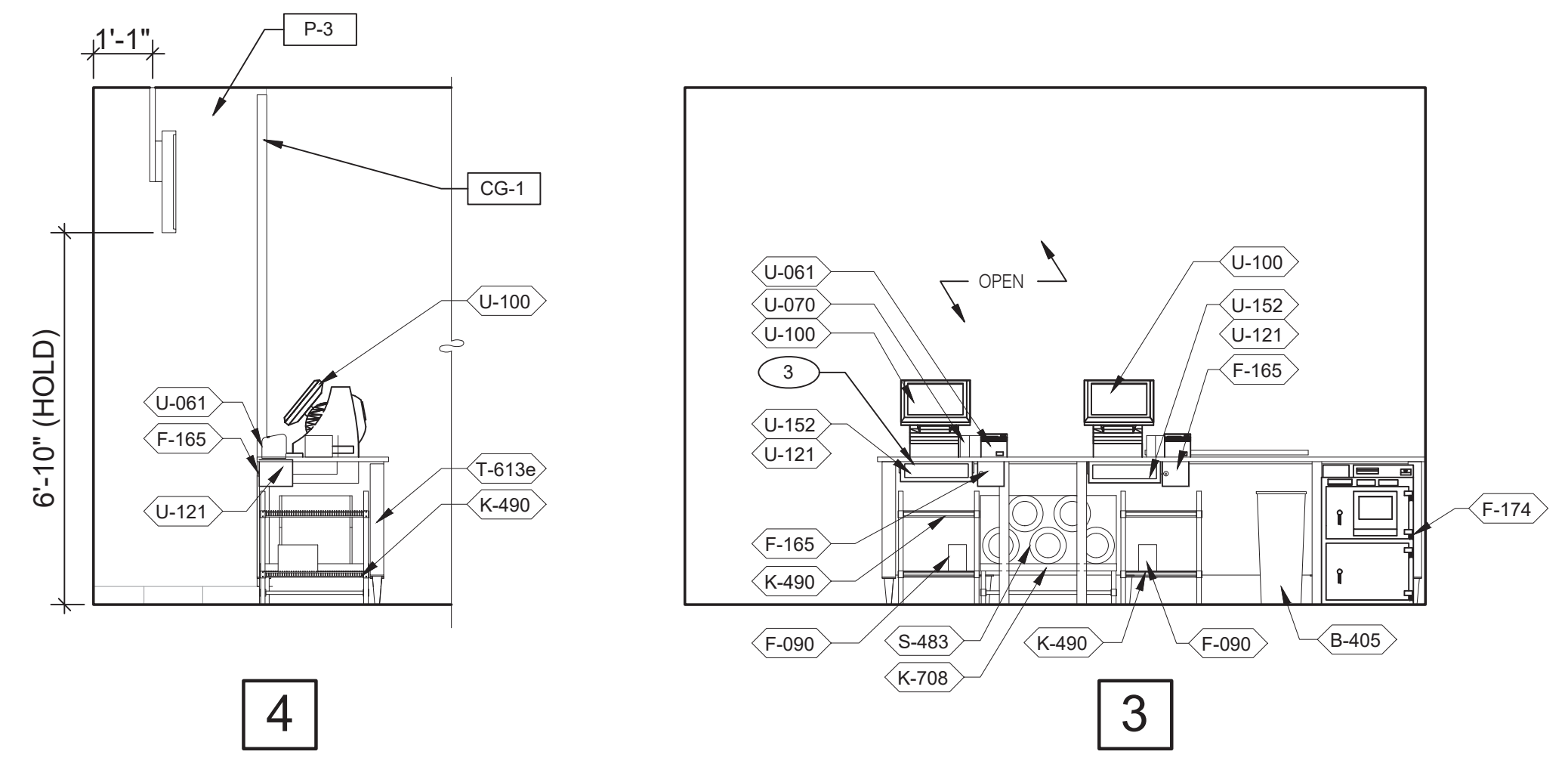
GREAT LAKES TACO, LLC
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ENDEAVOR 2.0 INTERIOR ELEVATIONS KITCHEN

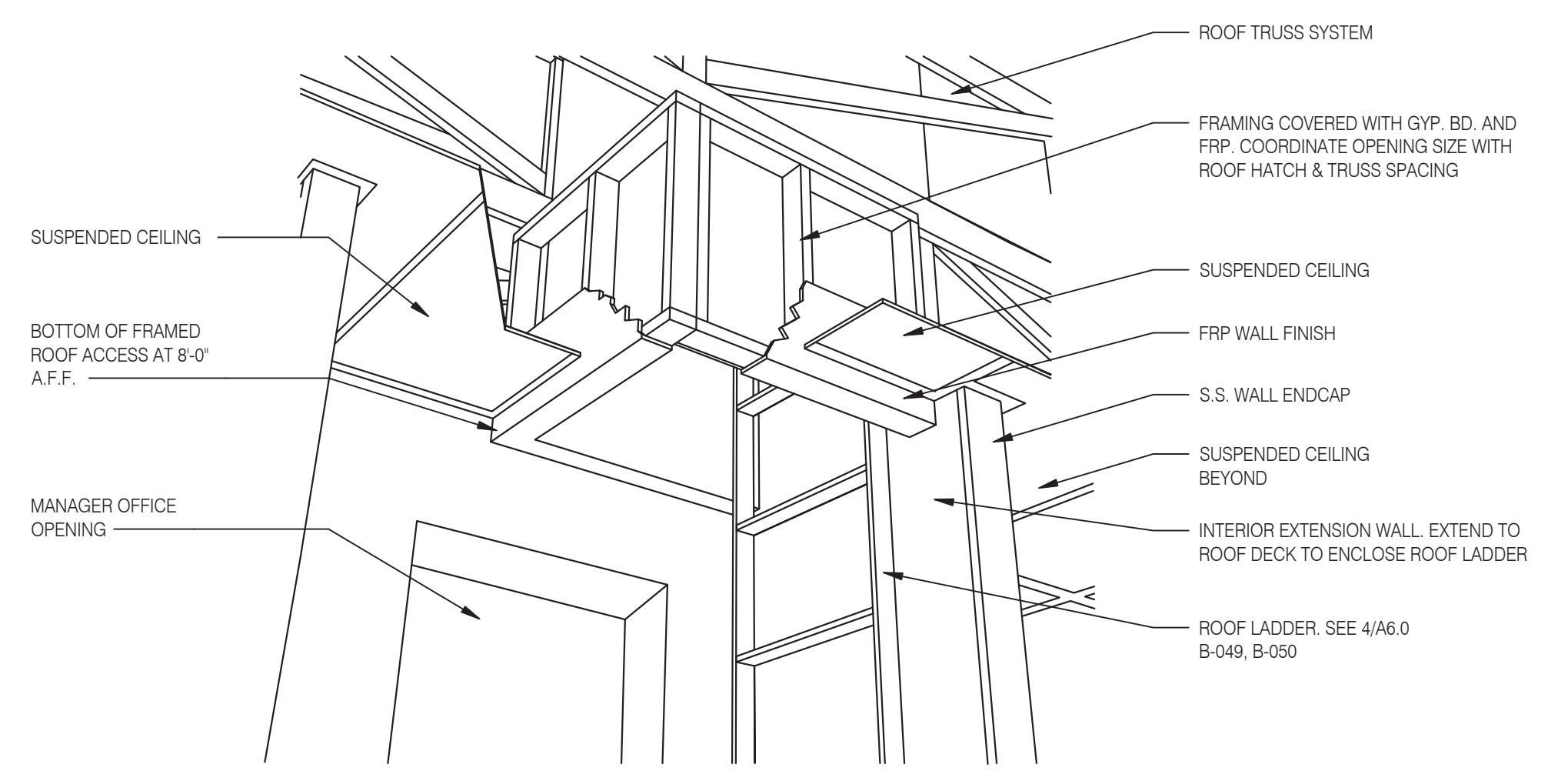
A8.2

PLOT DATE: 8/15/2022

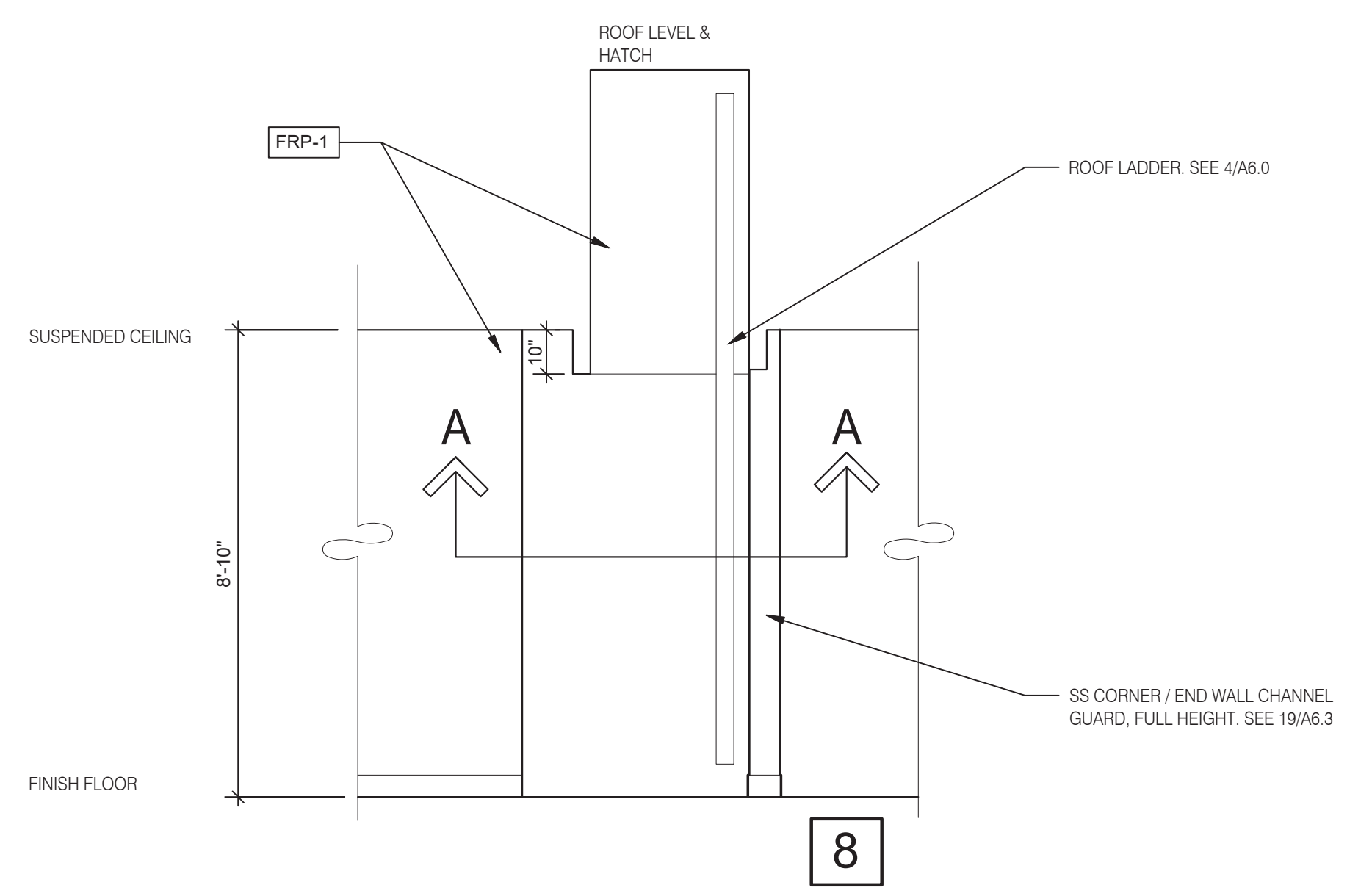


SERVING 3/8" = 1'-0"

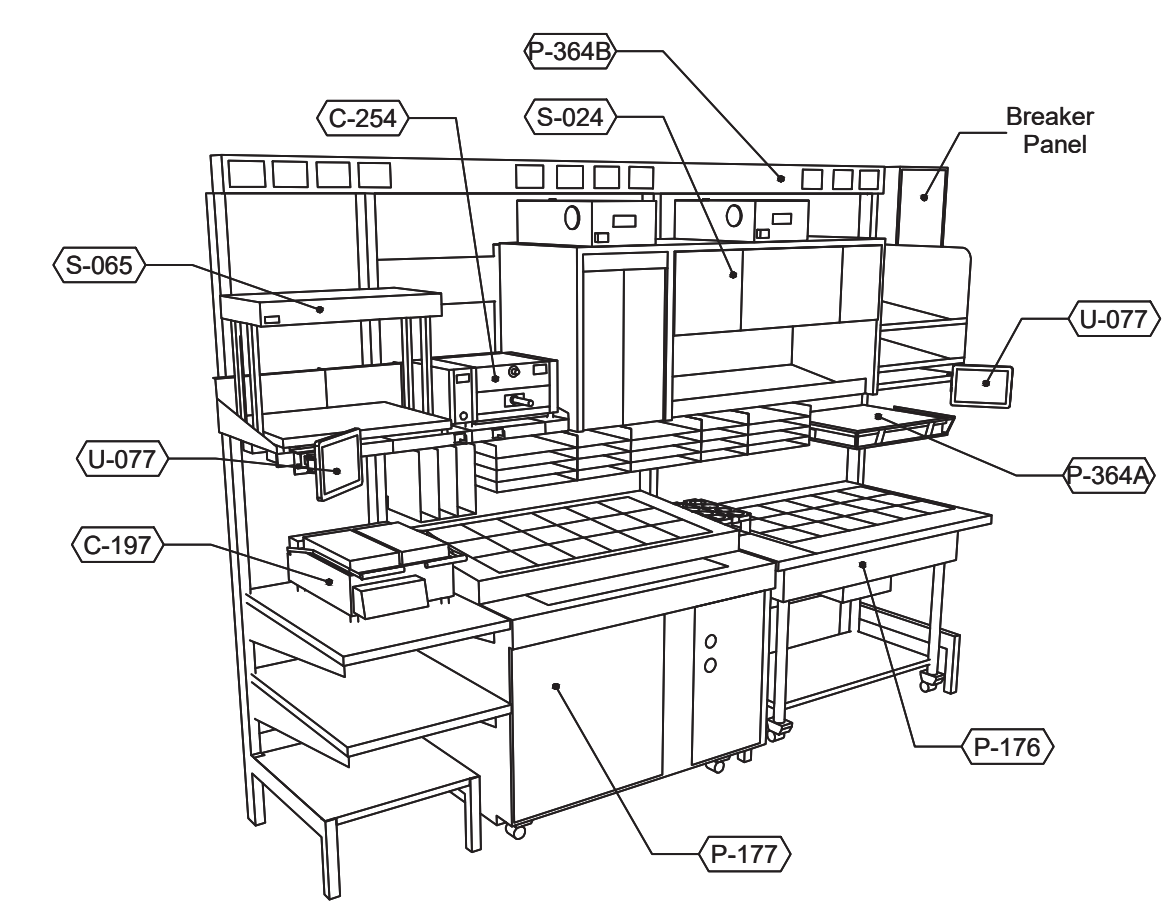
P-362B FLEX DUAL-LINE 3/8" = 1'-0"



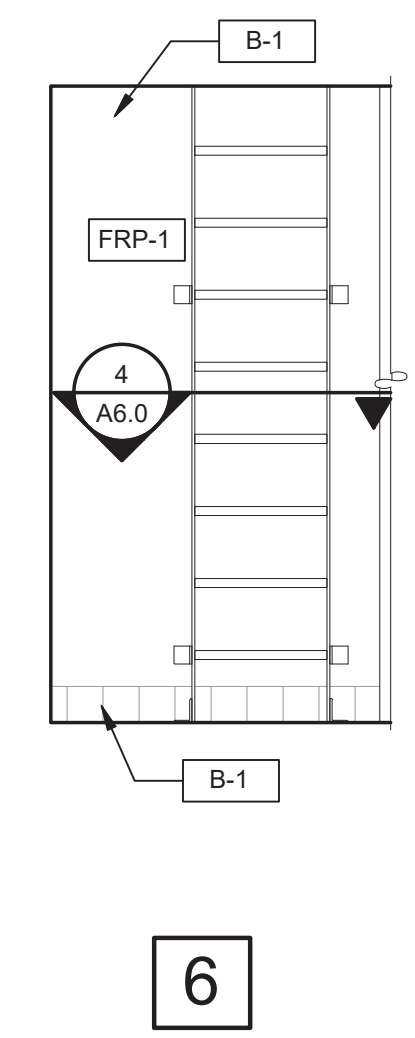
A - ROOF LADDER VIEW



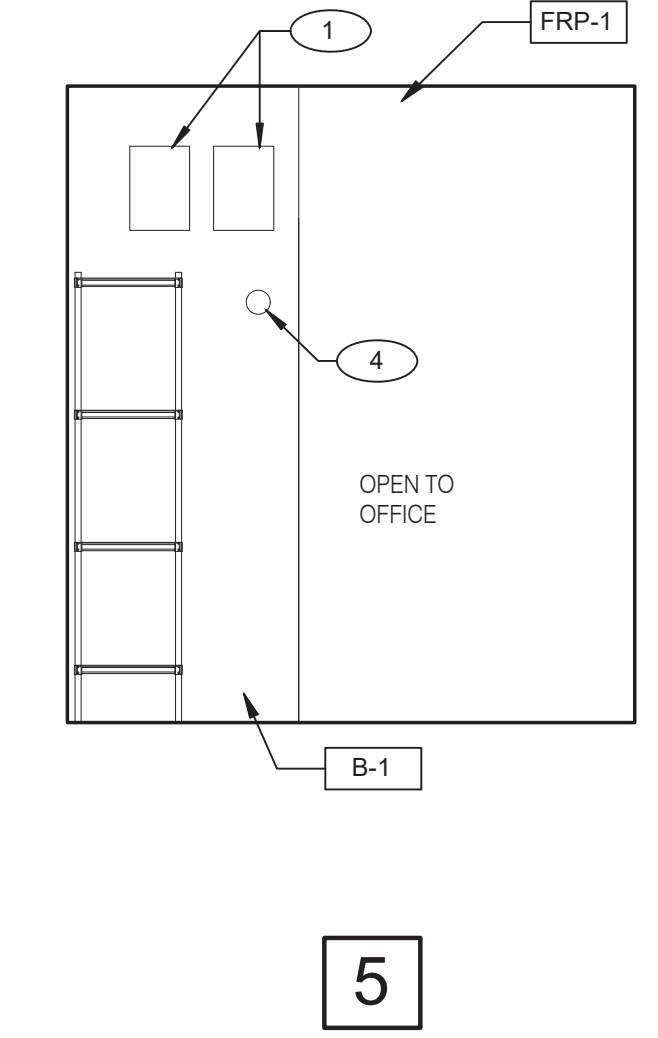
ROOF ACCES PASSAGEWAY 3/8" = 1'-0" **B**



P-362A FLEX I-LINE, L-R N.T.S. **7**



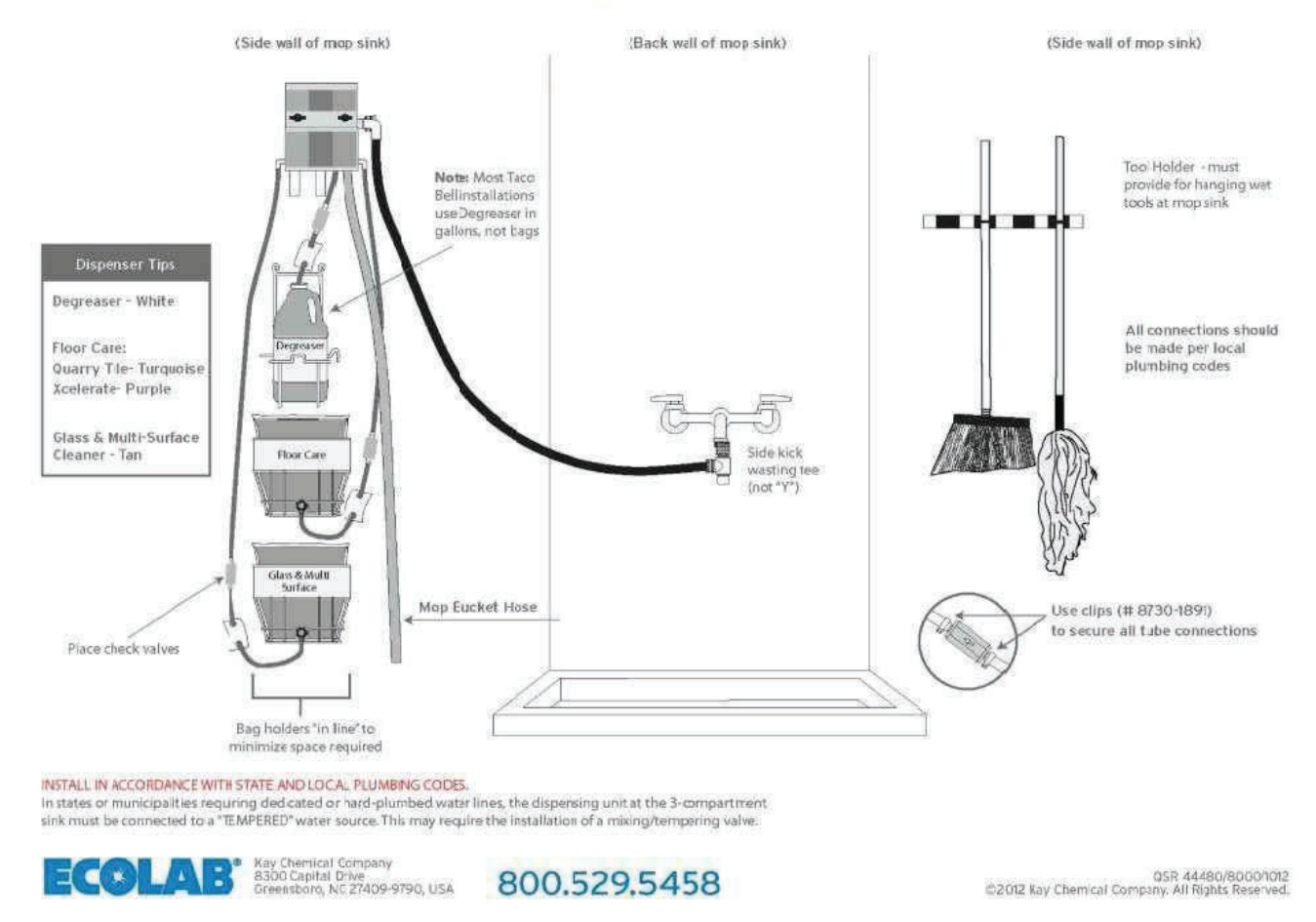
6



5

STORAGE 3/8" = 1'-0"

Taco Bell Mop Sink Installation



MOP SINK INSTALLATION **C**

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

KEYNOTE **A**



L + A
ARCHITECTS
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TACO, LLC
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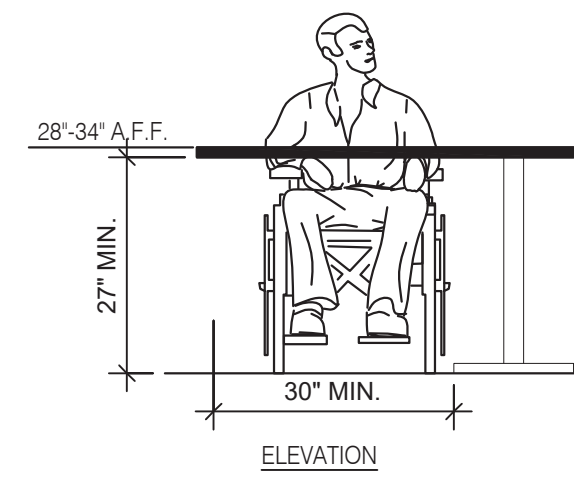
ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN

A8.3

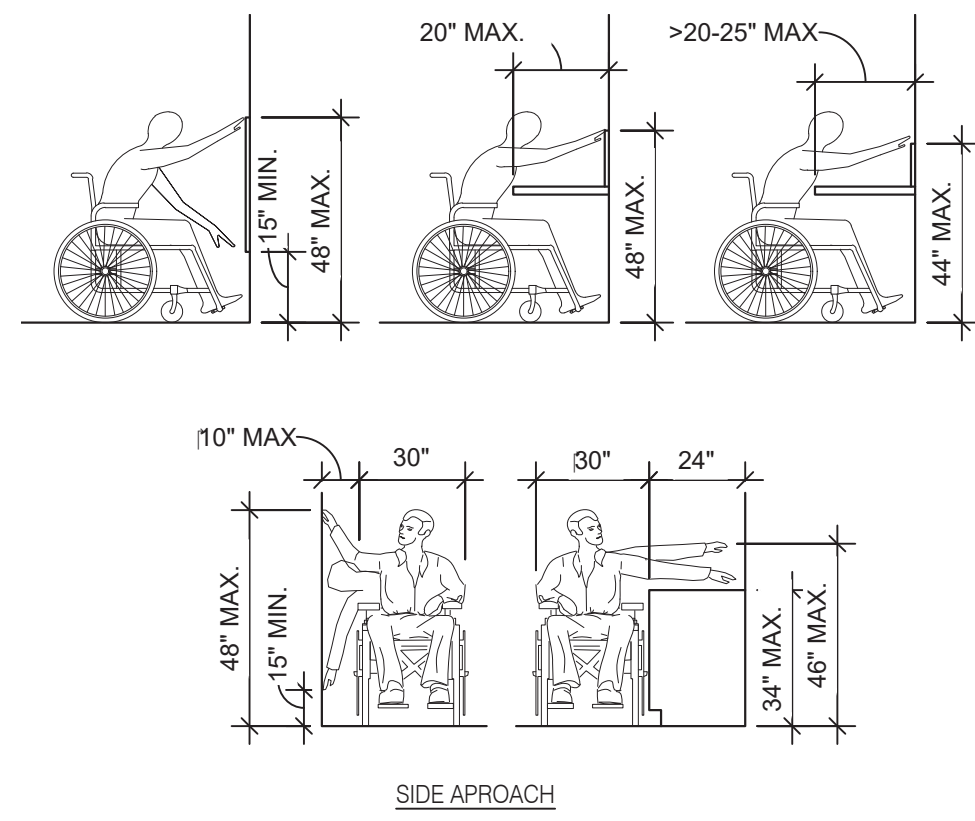
PLOT DATE: 8/15/2022

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

NUMBER OF ACCESSIBLE SEATS

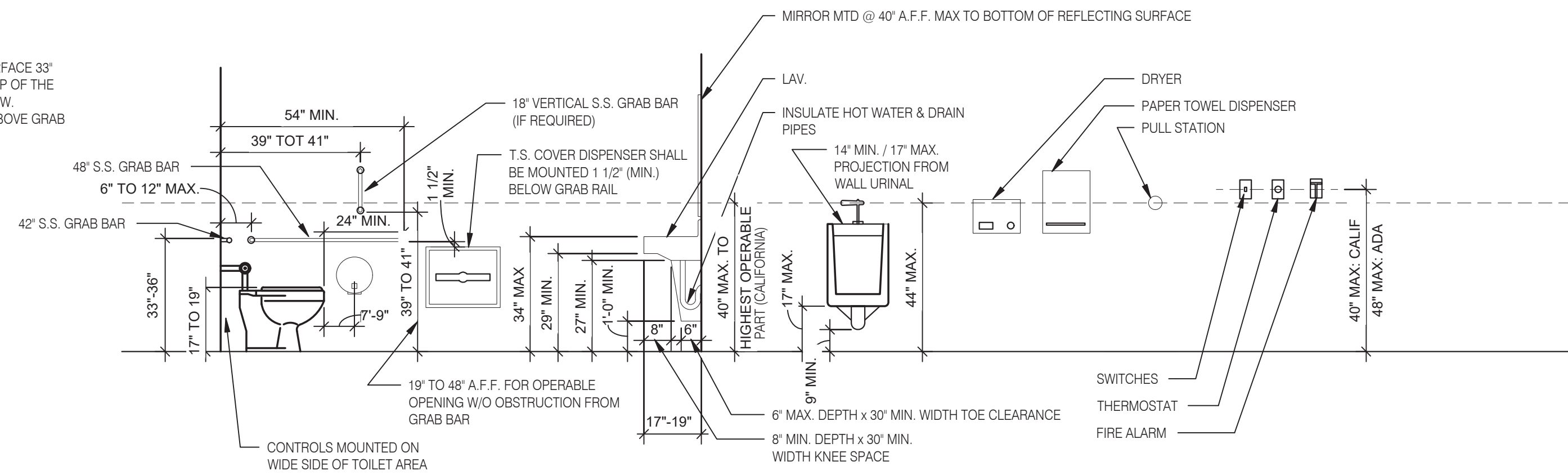


SEATING AND TABLES 1/2" = 1'-0" 18

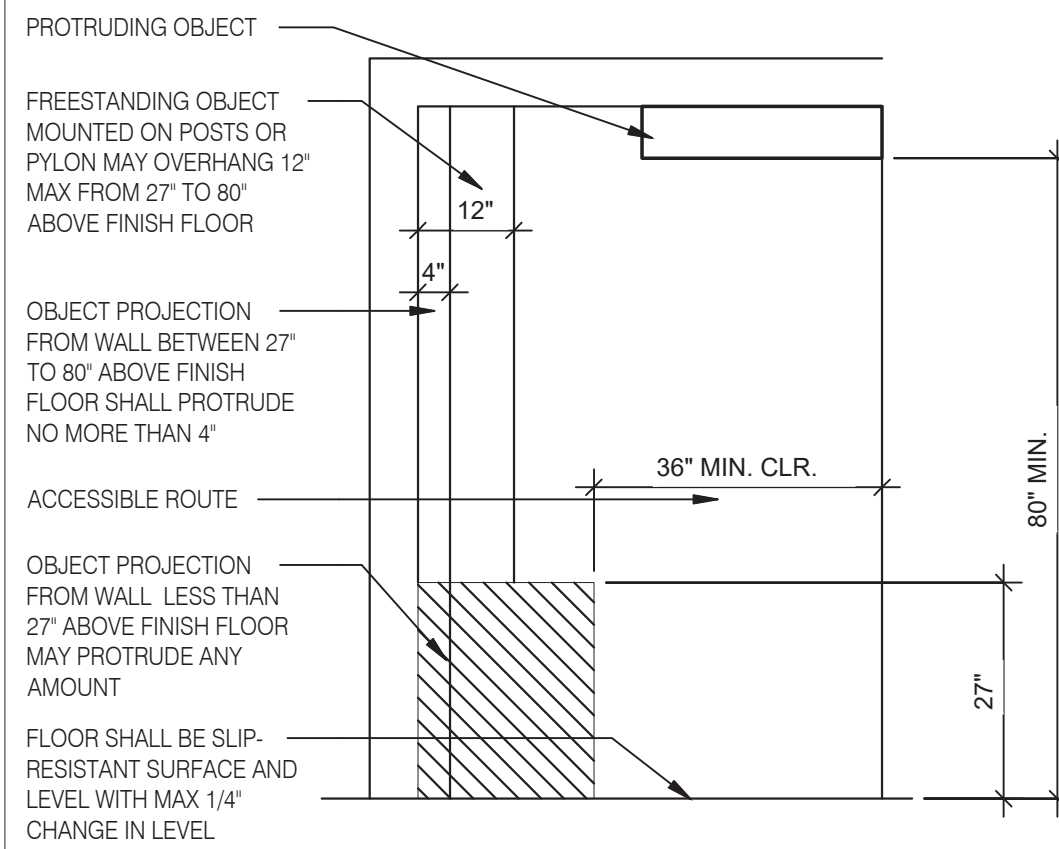


REACH RANGES 1/4" = 1'-0" 13

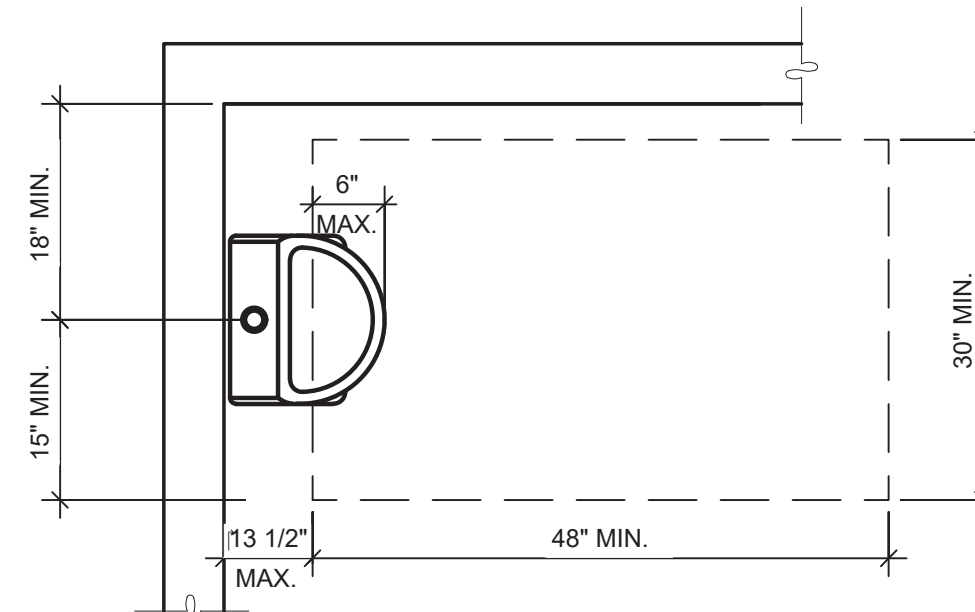
- NOTES
- TOP OF GRIPPING SURFACE 33" TO 36" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW.
 - 12" MINIMUM CLEAR ABOVE GRAB BAR.



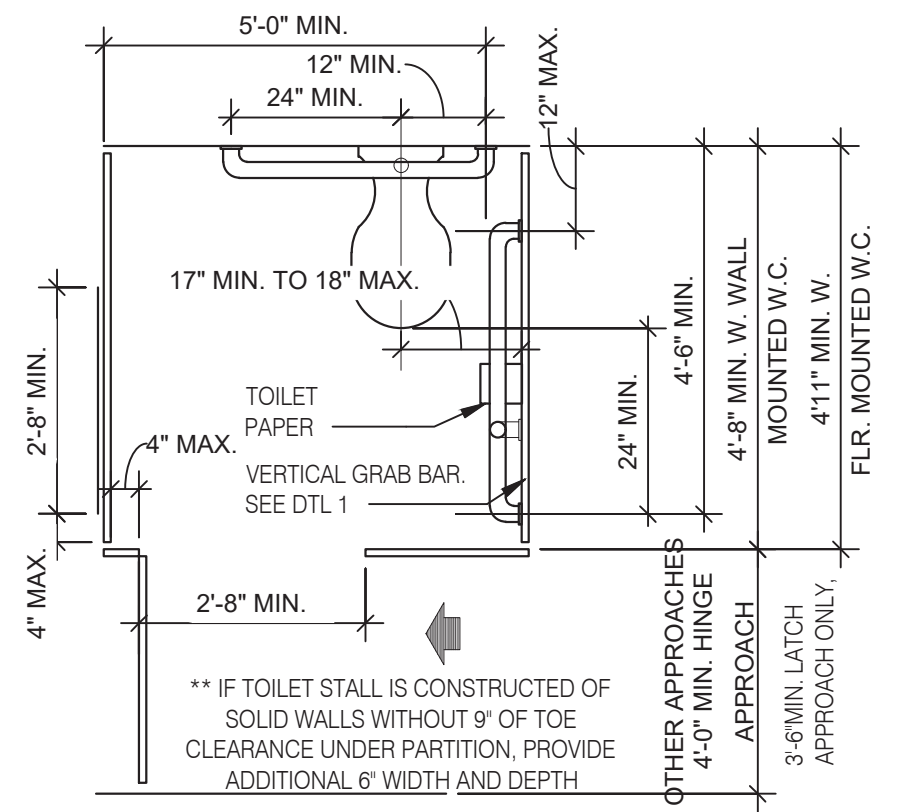
MOUNTING HEIGHTS & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED 3/8" = 1'-0" 1



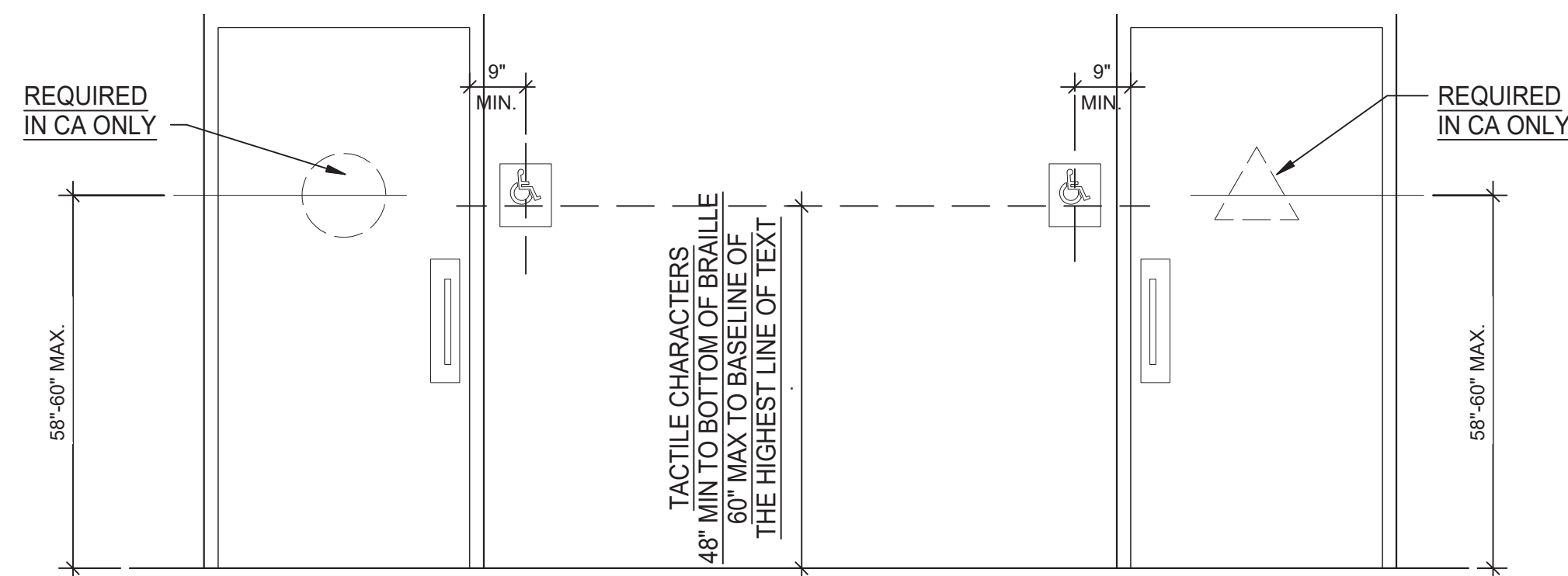
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" 10



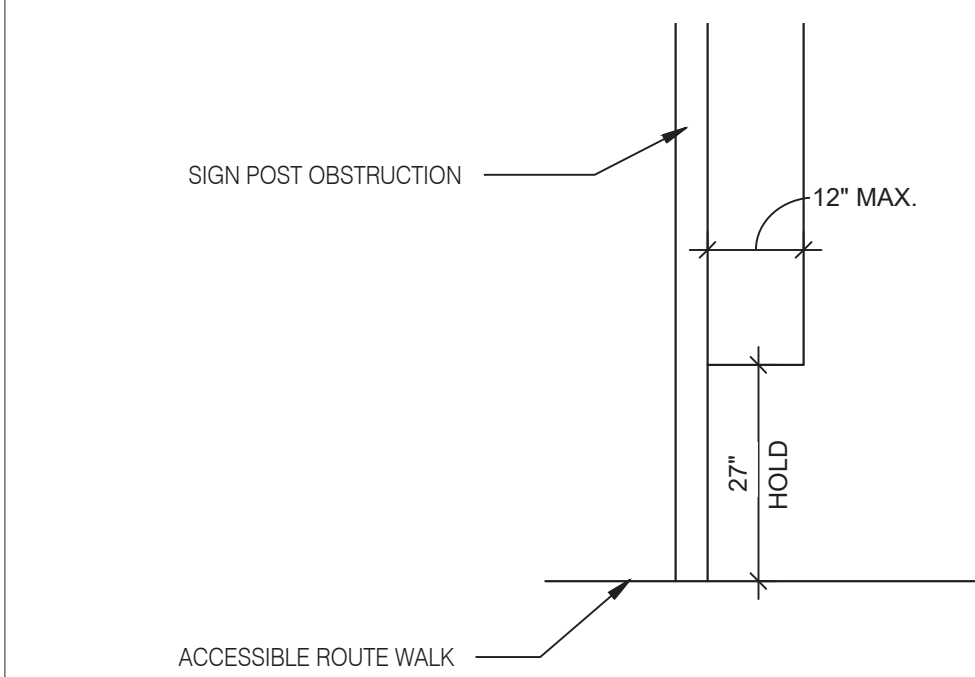
ACCESSIBLE URINAL 3/4" = 1'-0" 6



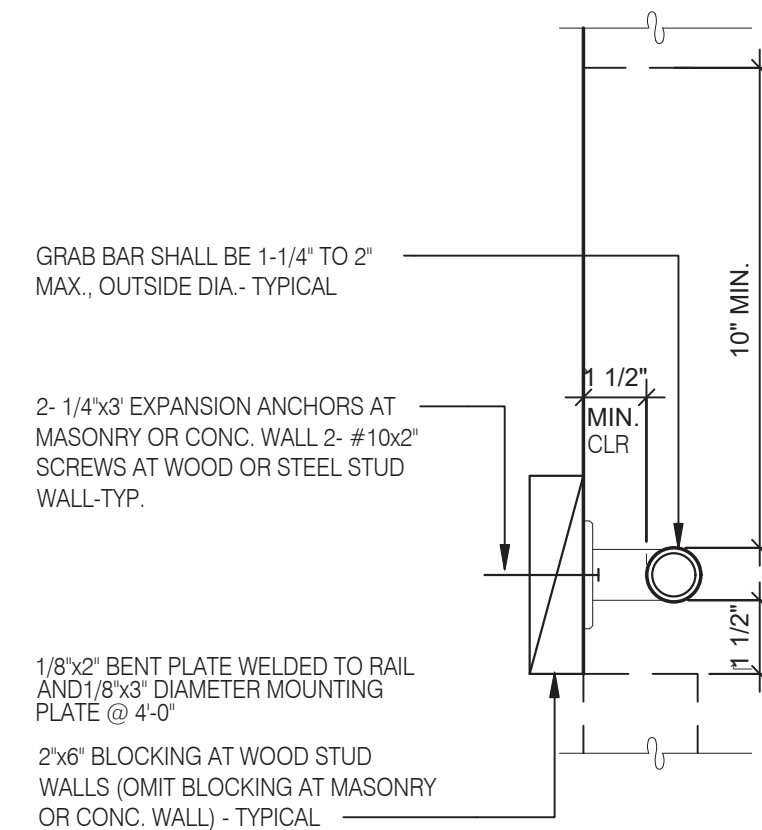
STANDARD TOILET STALL 1/2" = 1'-0" 2



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

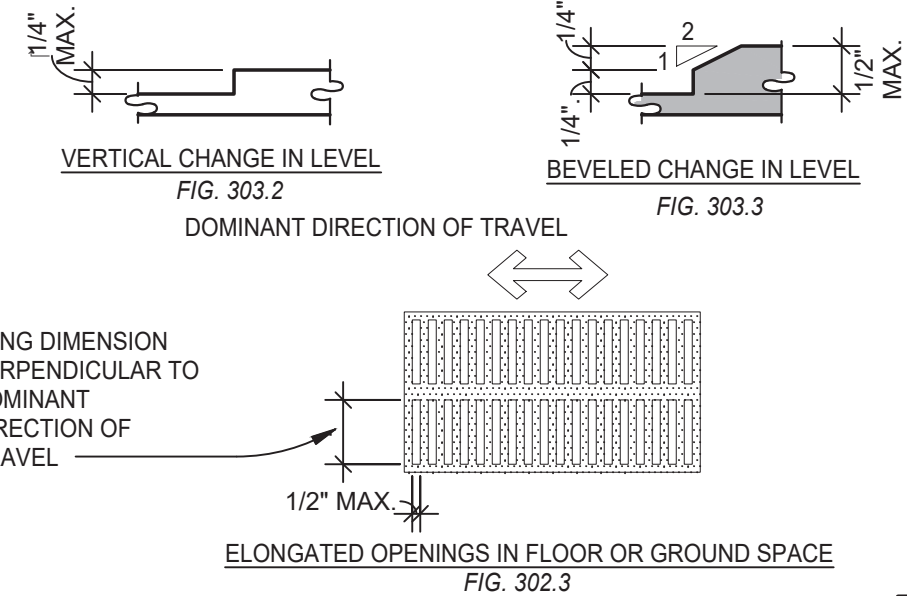


PROTRUDING HAZARDS 1/2" = 1'-0" 11

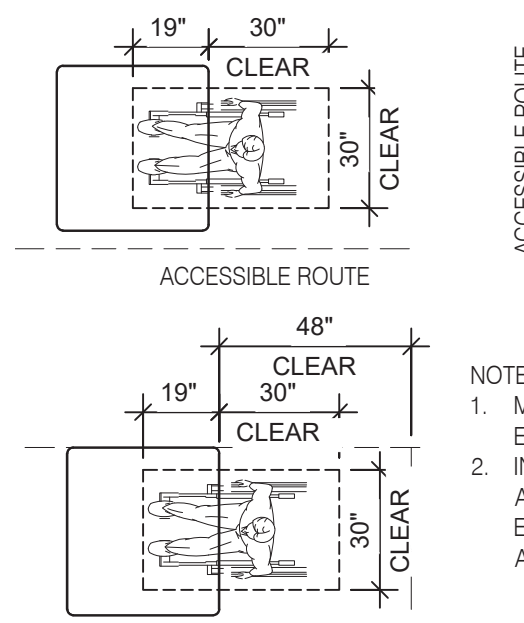


GRAB BAR 3" = 1'-0" 7

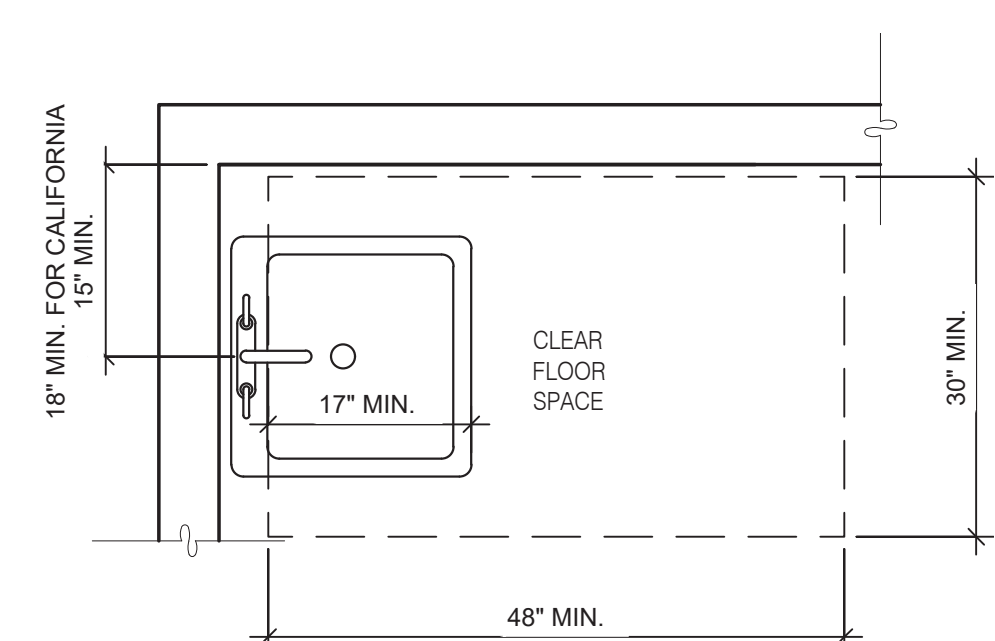
- NOTES
- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, LEVEL CUT/UNCUT PILE TEXTURE. 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



DINING SEATING CLEARANCES N.T.S. 8



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

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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JOB NO.:

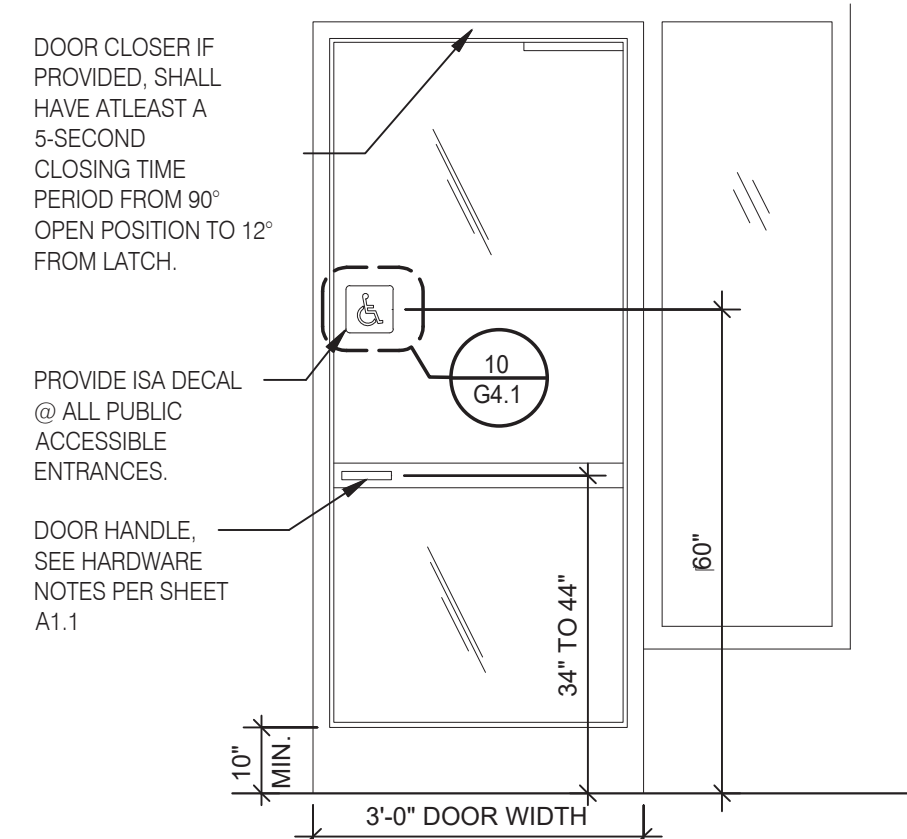
GREAT LAKES TACO, LLC
Walton Boulevard
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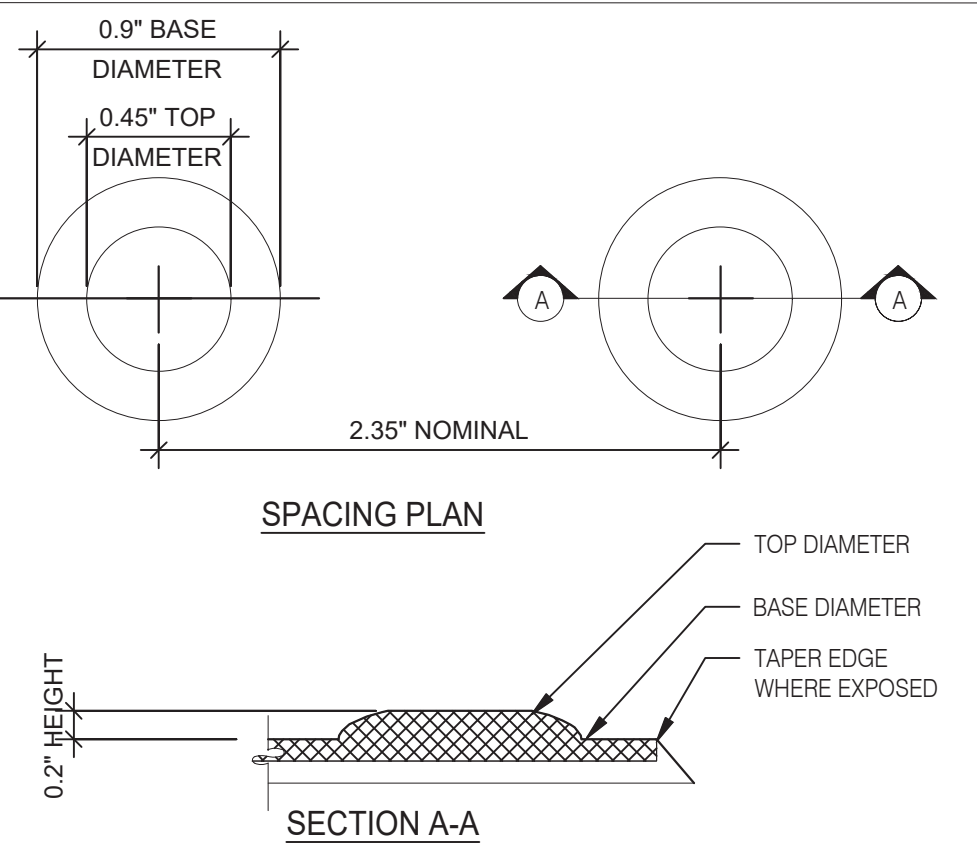
ENDEAVOR 2.0
ACCESSIBILITY REQUIREMENTS

ADA 1.0

PLOT DATE: 8/15/2022



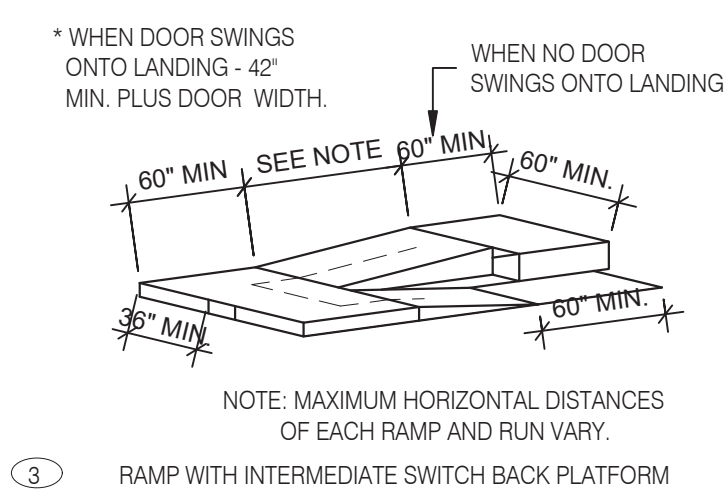
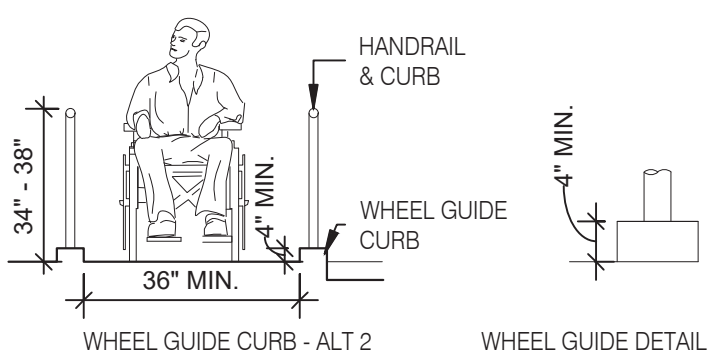
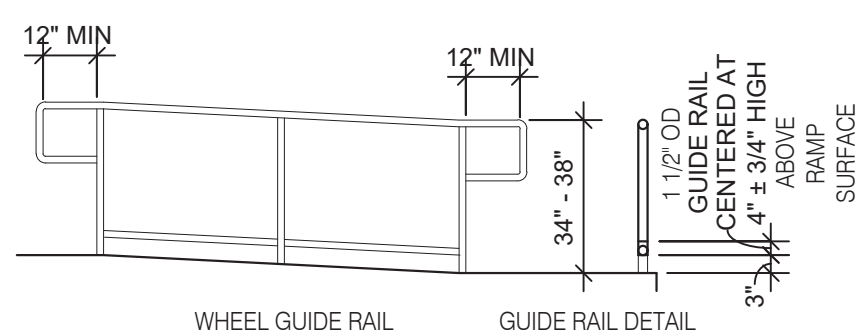
TYP. ENTRANCE / EXIT DOOR N.T.S. **17**



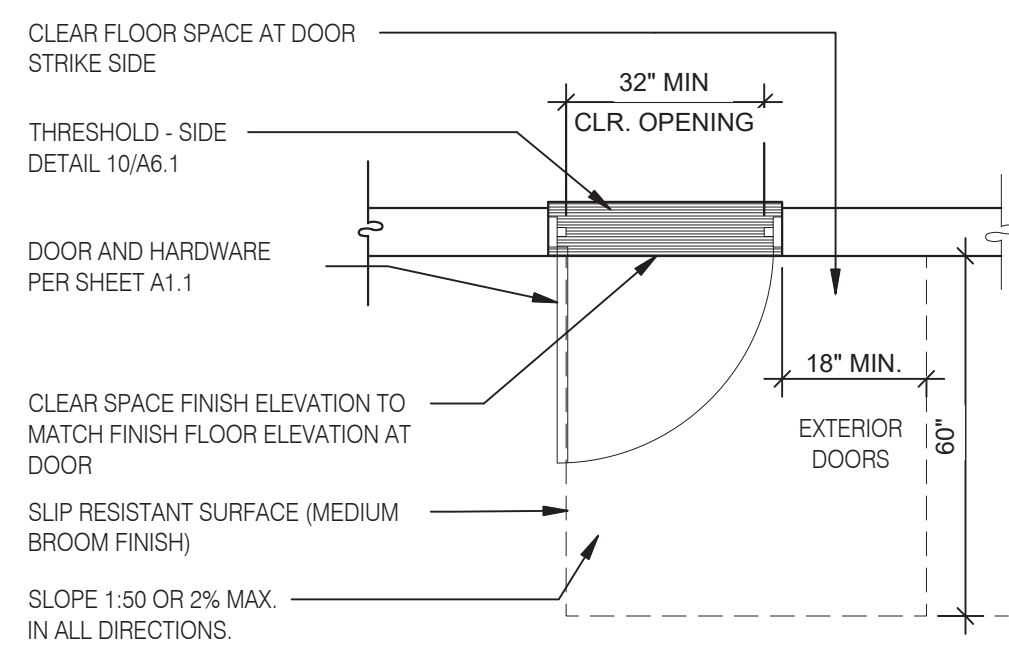
TRUNCATED DOMES 3/8" = 1'-0" **18**

KEY NOTES

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

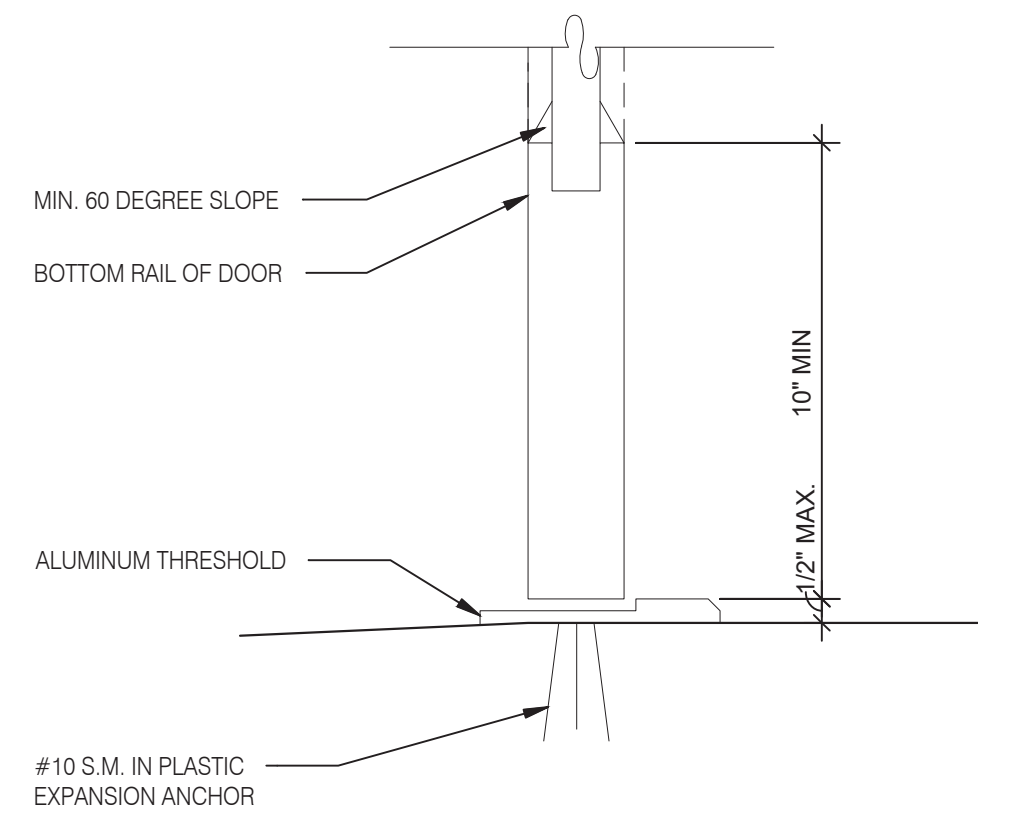


RAMPS N.T.S. **16**

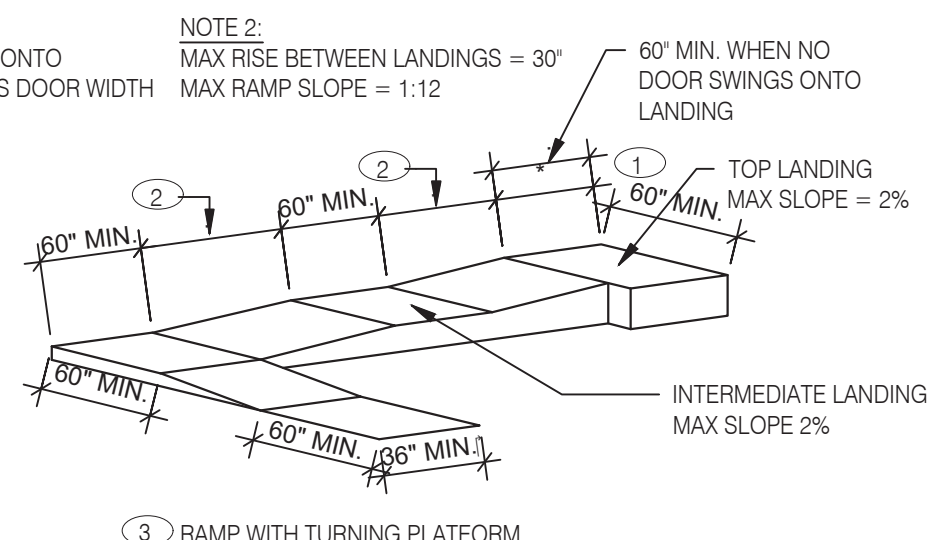
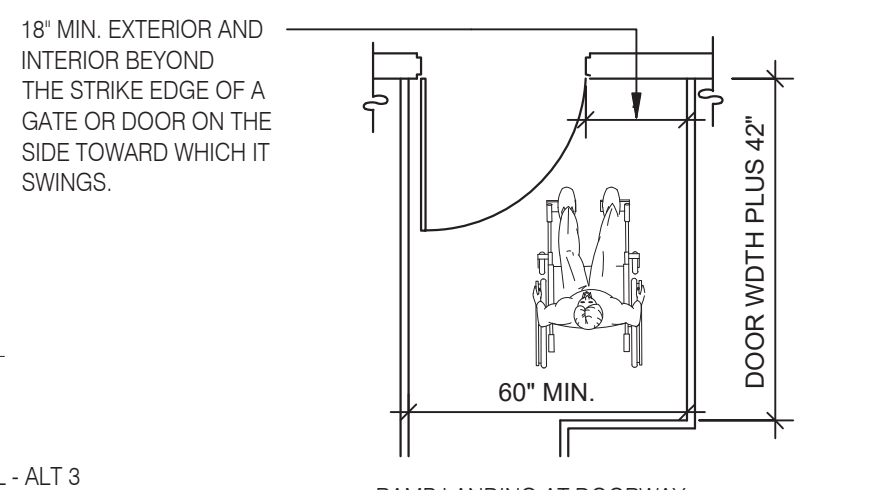
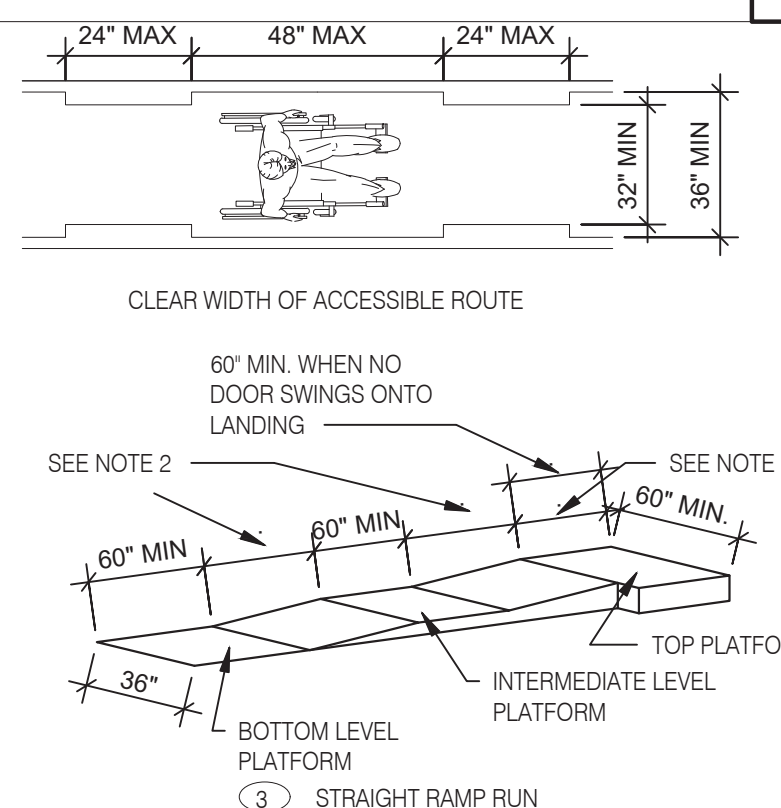


- NOTE:
- EXTERIOR DOOR PRESSURE CANNOT EXCEED 8.5 LBS (GC TO DOOR PRESSURE TO MINIMUM ALLOWABLE BY AHJ).
 - INTERIOR DOOR PRESSURE CANNOT EXCEED 5 LBS.
 - 60% OF PUBLIC ENTRANCES MUST BE ACCESSIBLE (100% IN CA)

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

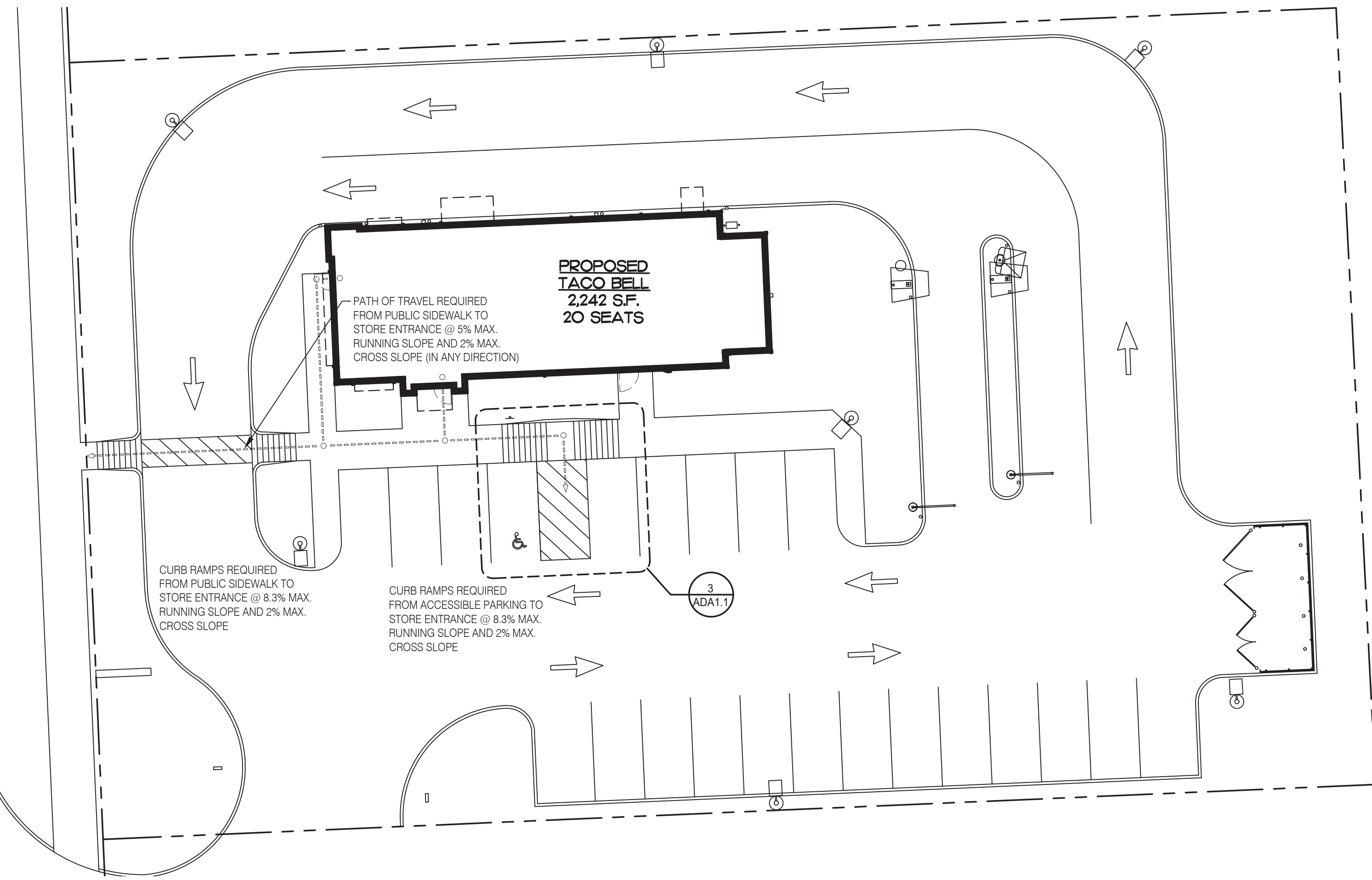


BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **14**



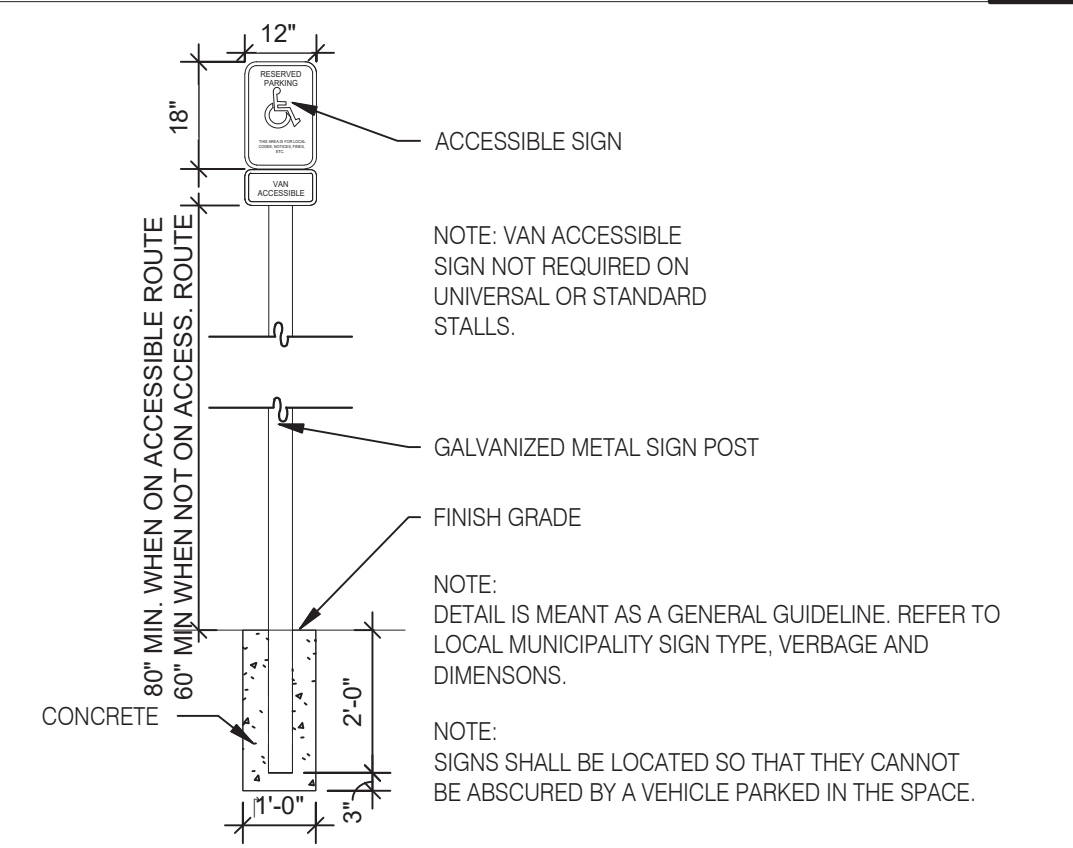
RAMPS N.T.S. **16**

WALTON BOULEVARD



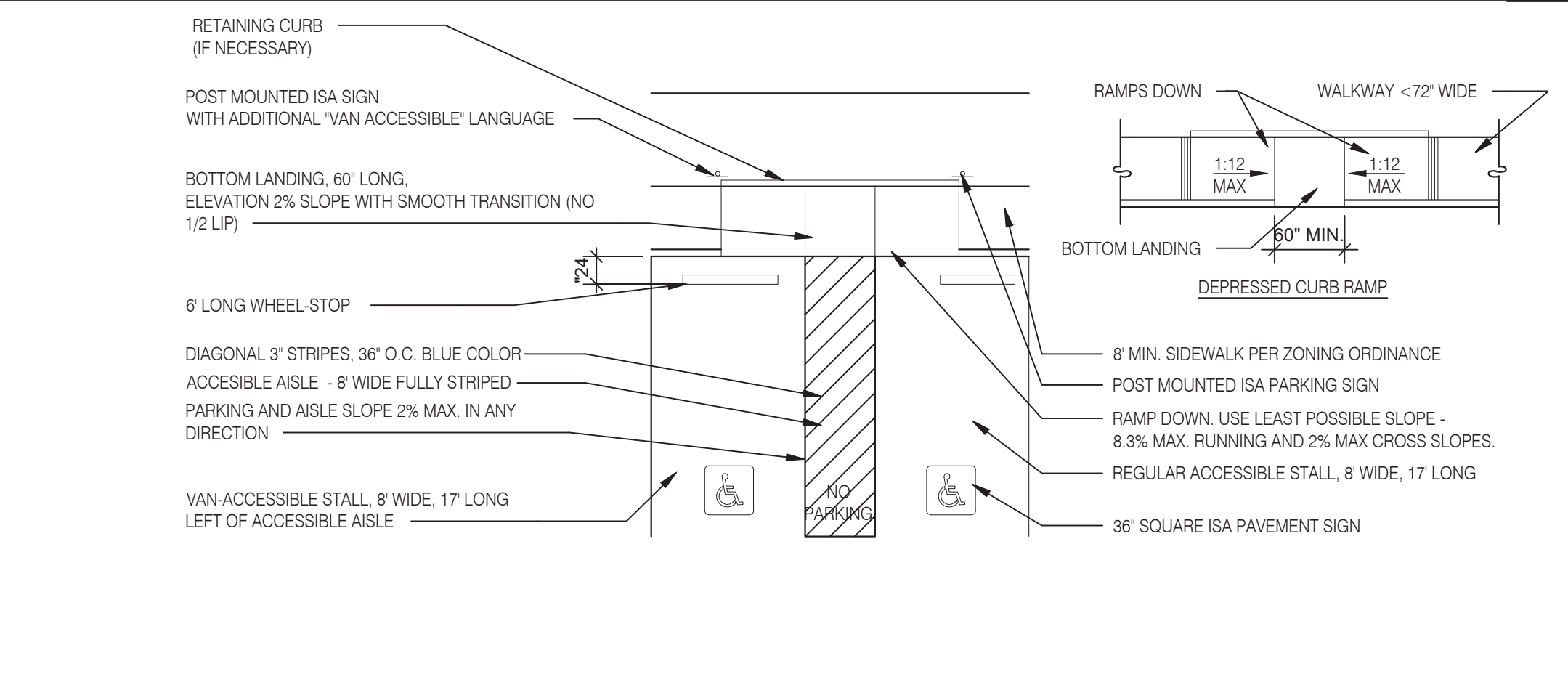
EXTERIOR PATH OF TRAVEL 1/16" = 1'-0" **2**

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

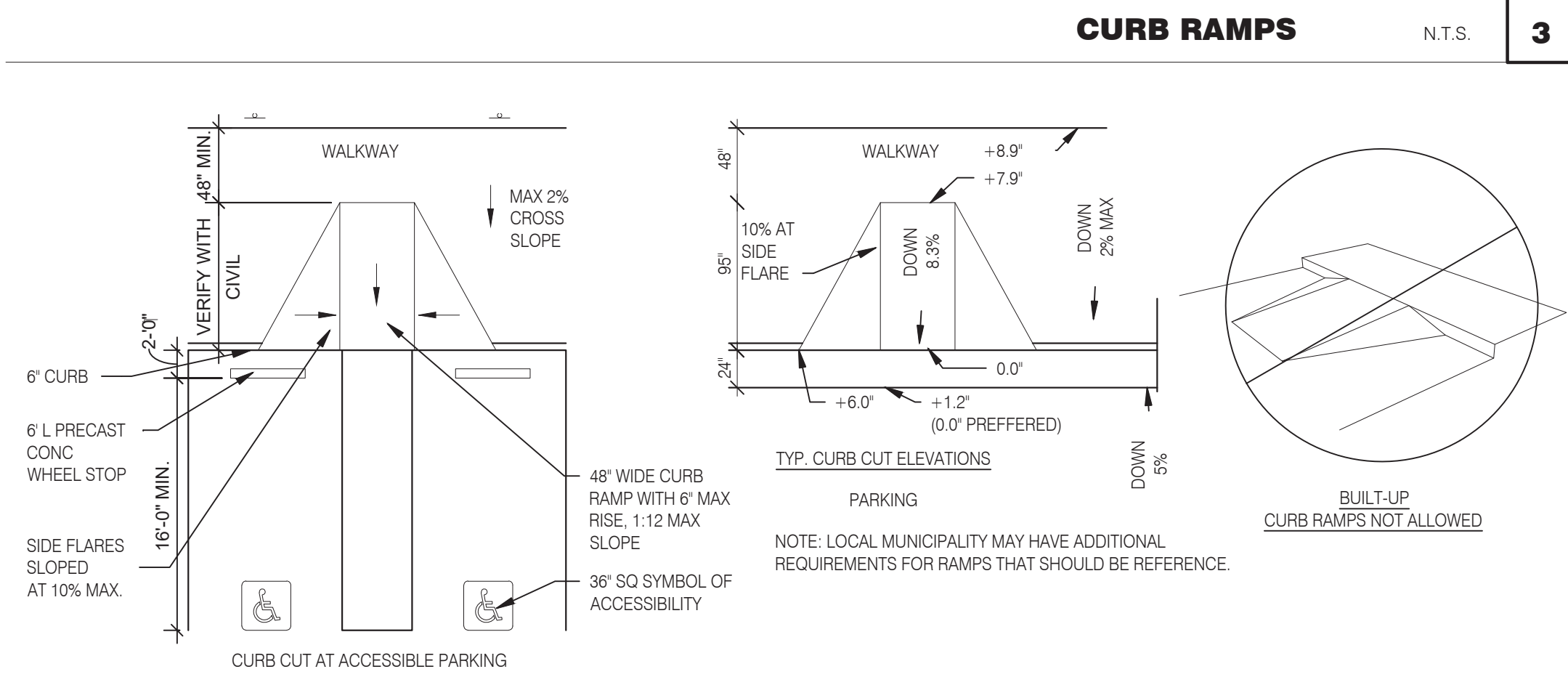


ACCESSIBLE PARKING SIGN N.T.S. **12**

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



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



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SUITE 265
ROCHESTER HILLS, MI 48307
PHONE: (248) 524-4700 FAX: (248) 524-9746
PROJECT # 21017

DATE	REMARKS

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315286
STORE NUMBER:
PA/PM:
DRAWN BY.:
JOB NO.:

GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

ADA1.1

PLOT DATE: 8/15/2022

ACCESSIBILITY NOTES

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



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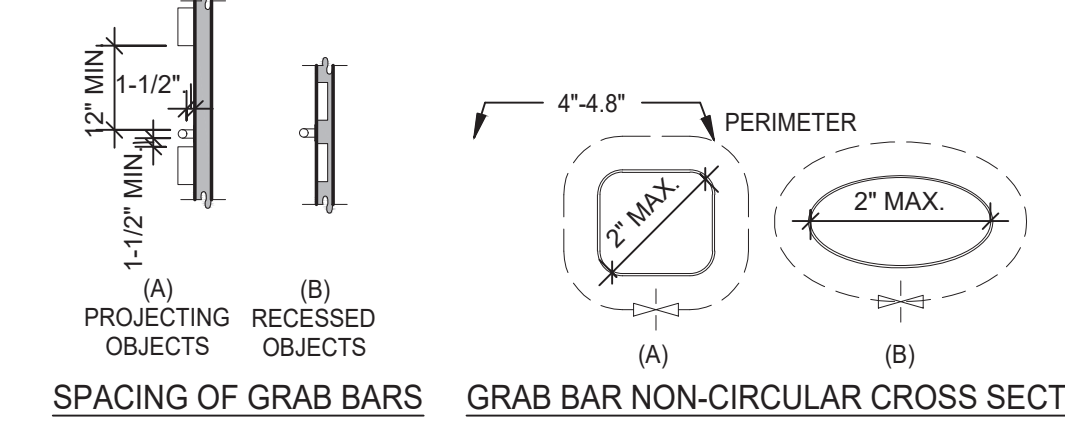


ENDEAVOR 2.0
ACCESSIBILITY
REQUIREMENTS

ADA 1.2

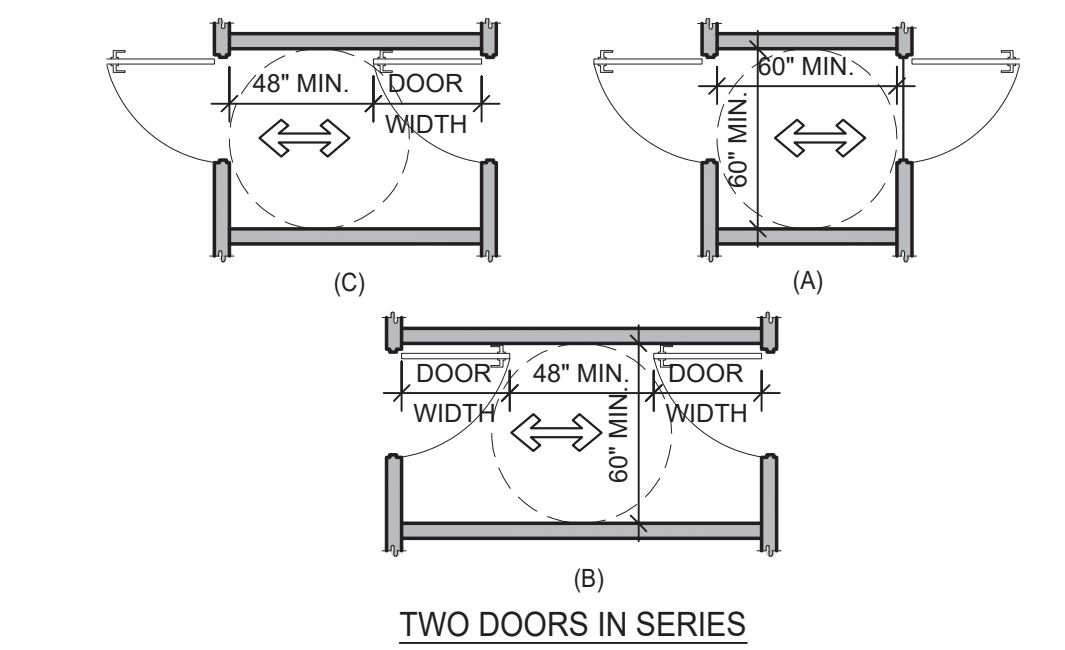
PLOT DATE: 8/15/2022

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

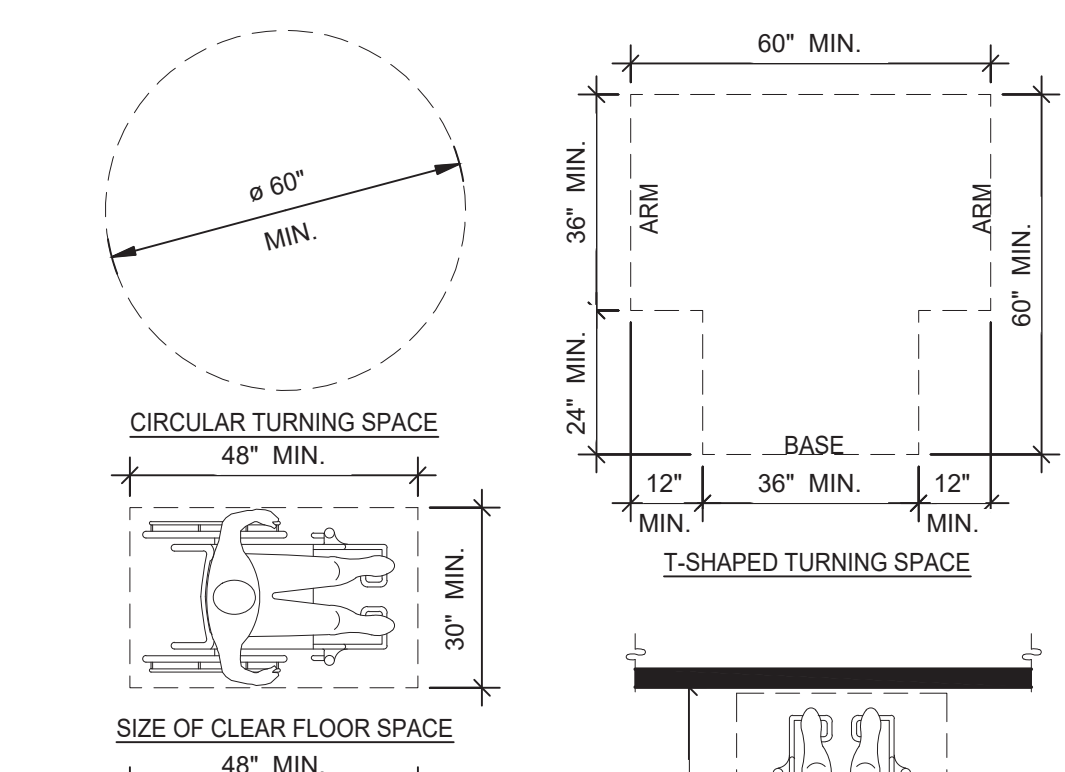


SPACING OF GRAB BARS GRAB BAR NON-CIRCULAR CROSS SECTION

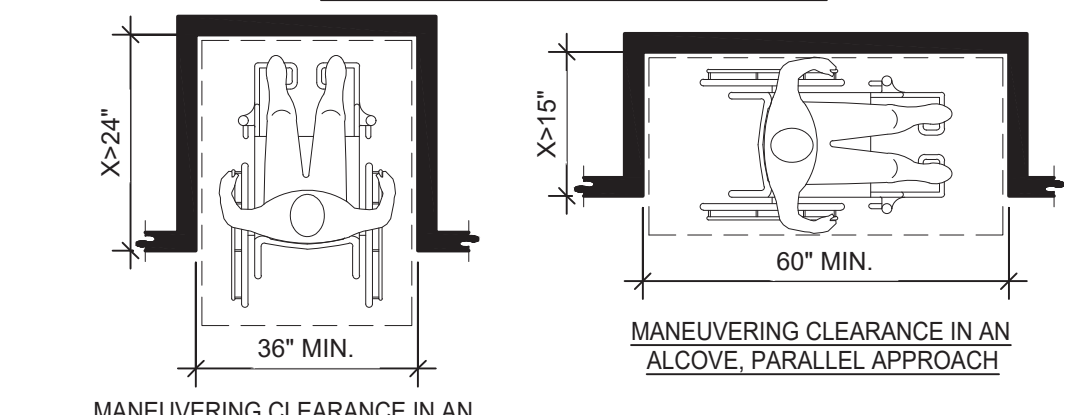
GRAB BARS 3/16" = 1'-0" 5



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

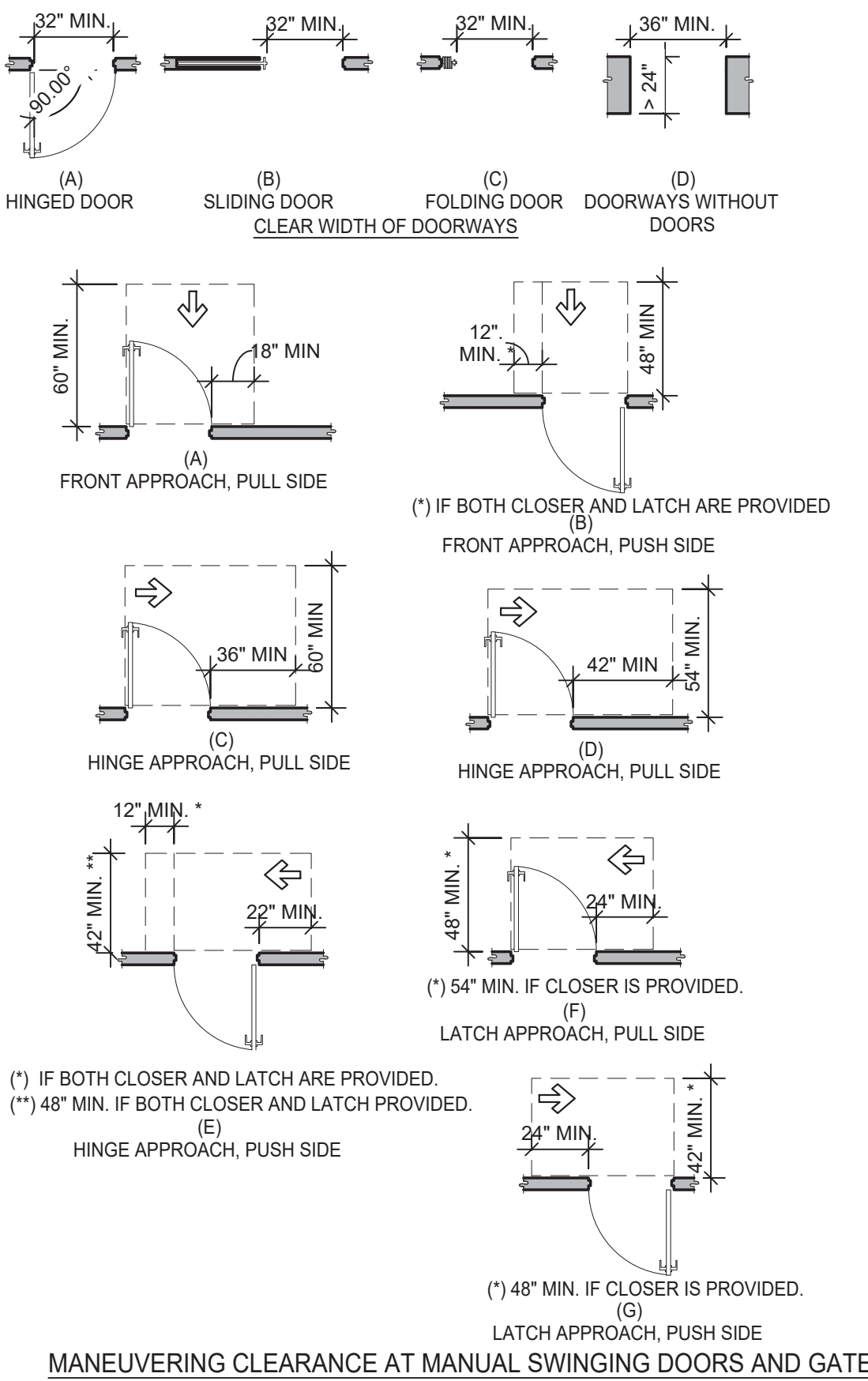


MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES



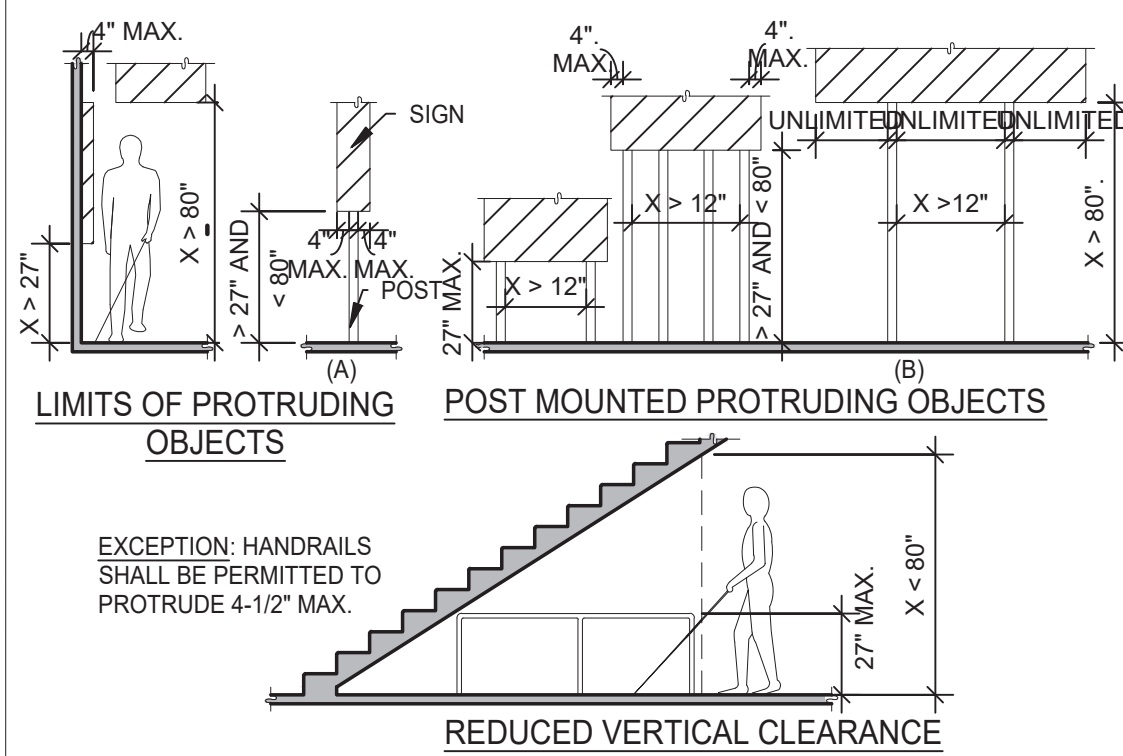
CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0" 8

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

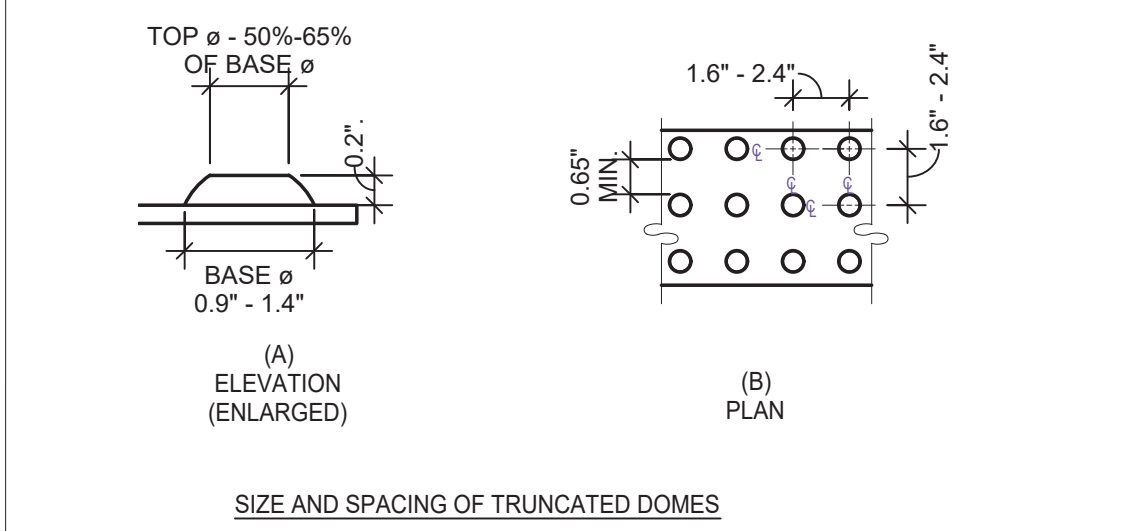


MANEUVERING CLEARANCE AT RECESSED DOORS AND GATES

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



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

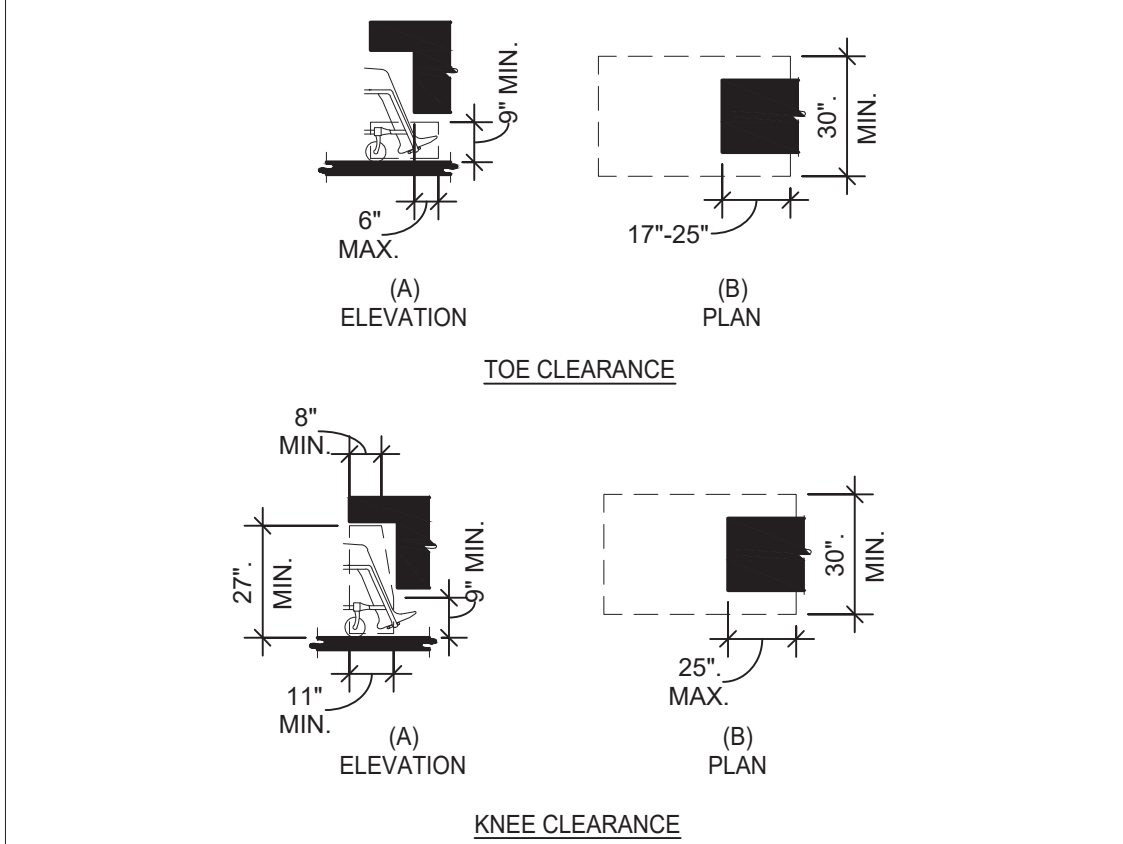


DETECTABLE WARNINGS 3" = 1'-0" 14

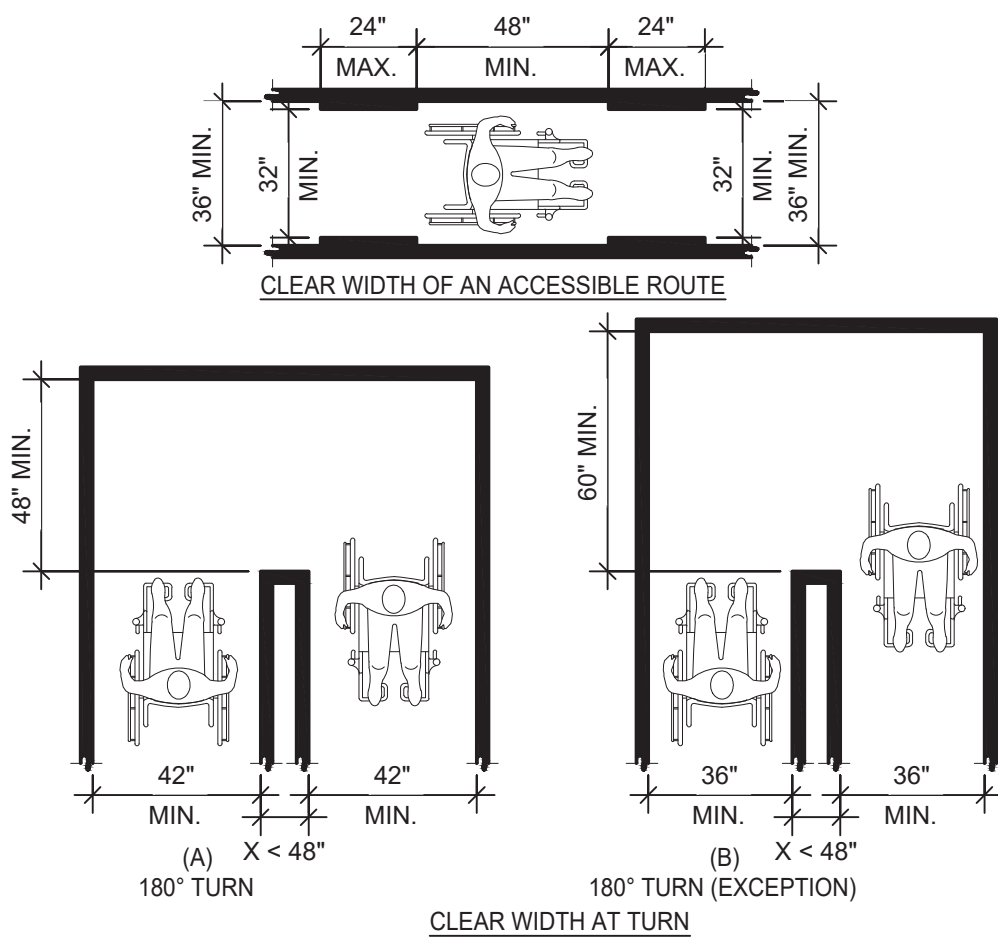
PARKING SPACES

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

PARKING SPACES 6" = 1'-0" 15



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



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

PARKING SPACES

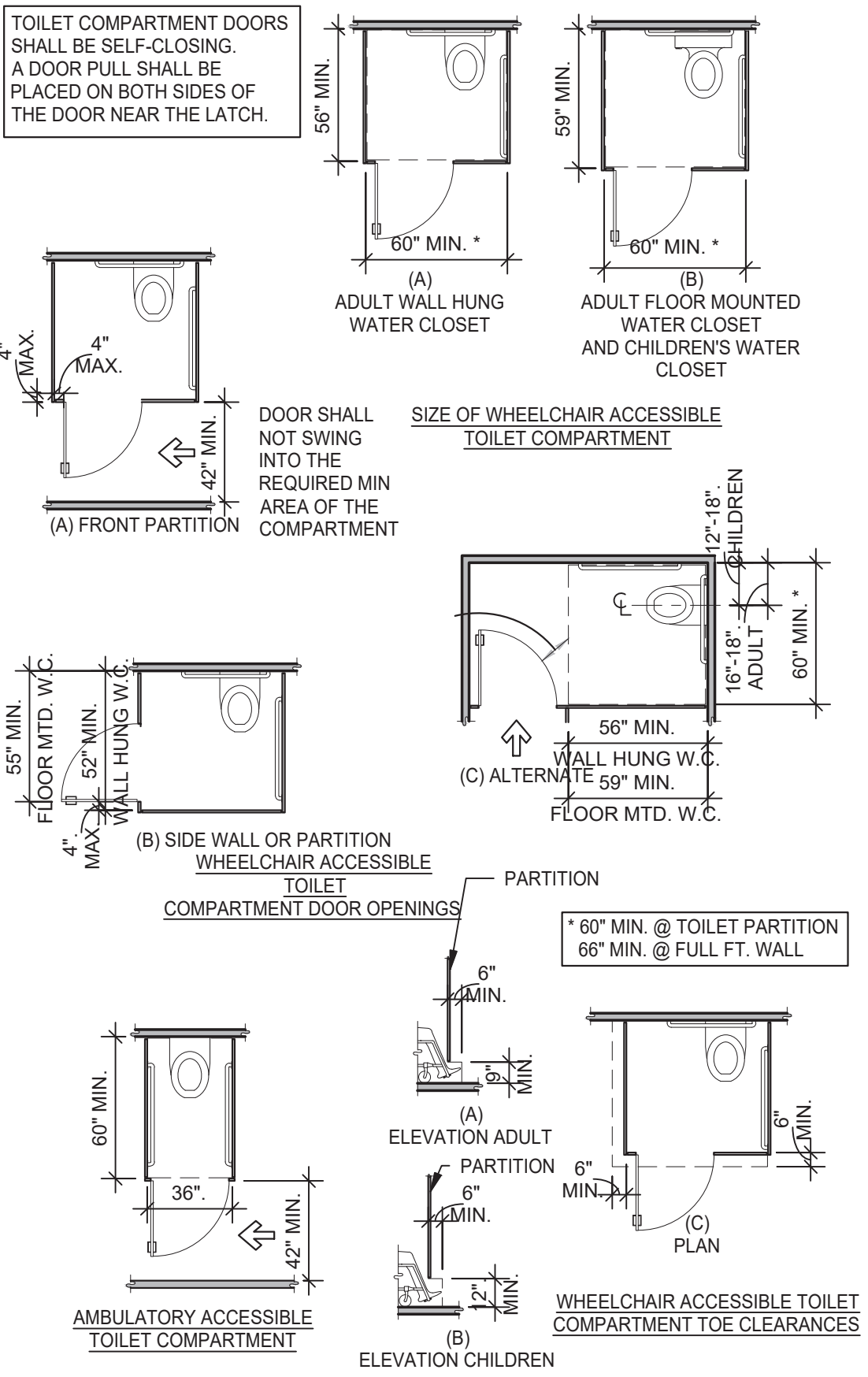
TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 TO 25	1
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201 TO 300	7
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501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000

PARKING SPACES 6" = 1'-0" 15



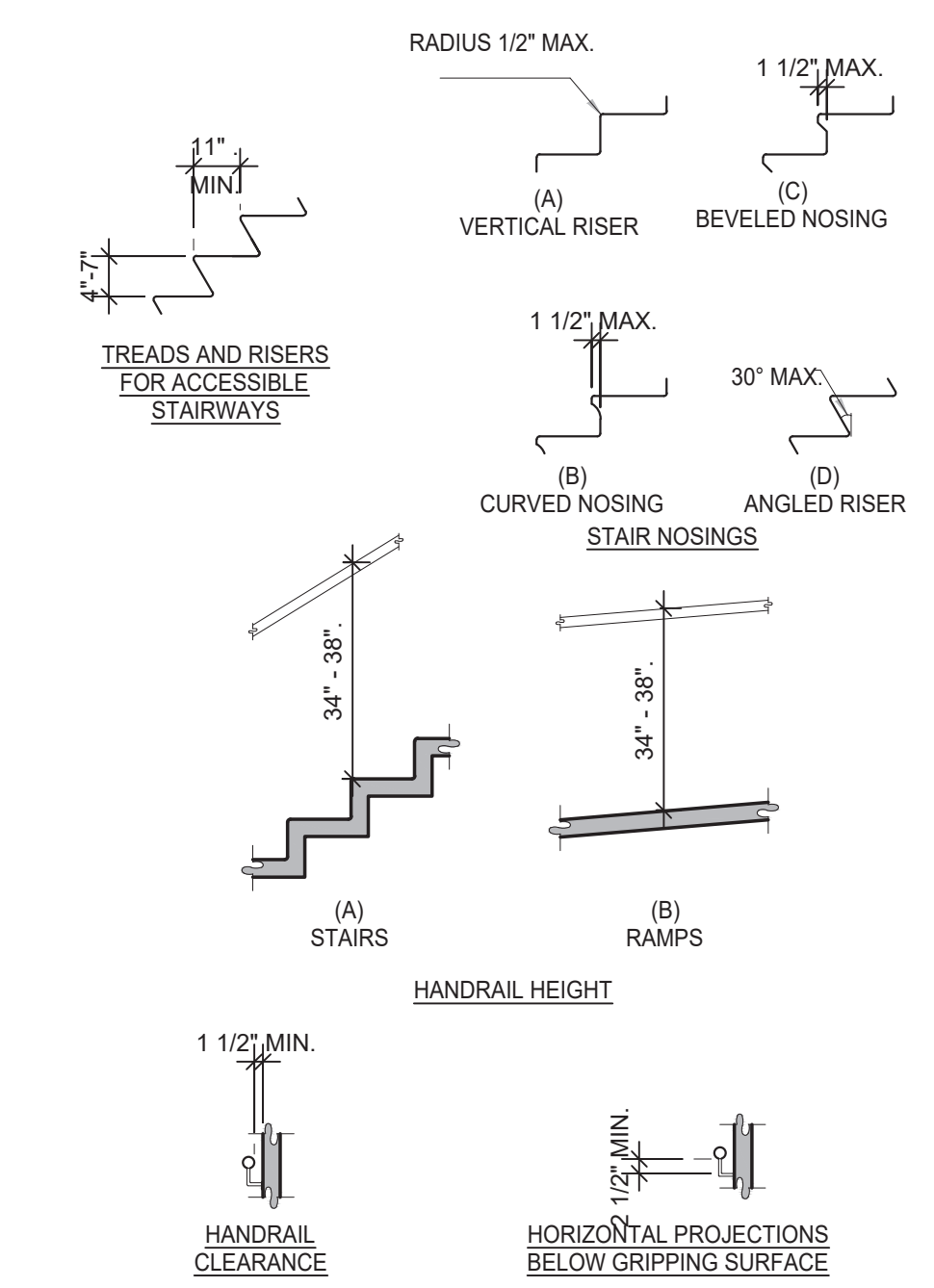
KNEE AND TOE CLEARANCE 1/4" = 1'-0" 16

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



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

- NOTES:
1. OPEN RISERS ARE NOT PERMITTED.
 2. TREAD SURFACES SHALL COMPLY WITH (FLOOR OR GROUND SURFACES & CHANGES IN LEVEL) DETAIL.
 3. THE LEADING 2" OF THE TREAD SHALL HAVE VISUAL CONTRAST OF DARK-ON-LIGHT OR LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD.
 4. 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.
 5. HANDRAIL GRIPPING SURFACES WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4" (32 MM) MINIMUM AND 2" MAXIMUM.
 6. HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
 7. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.



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PROJECT # 21017

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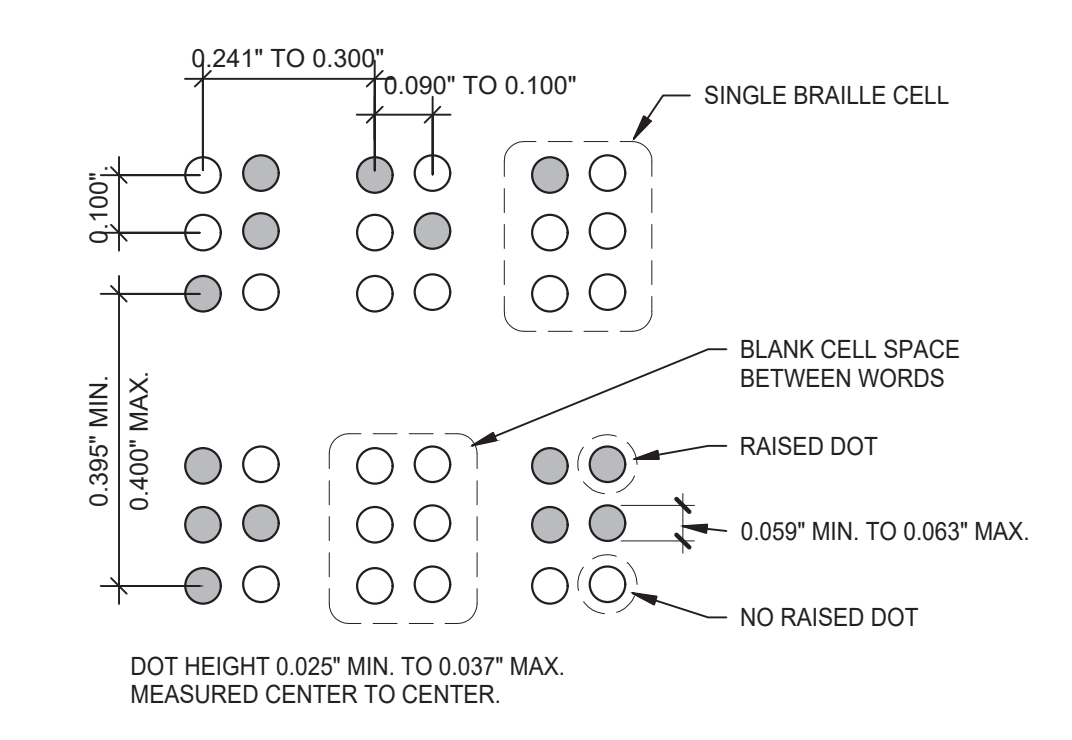
GREAT LAKES TACO, LLC
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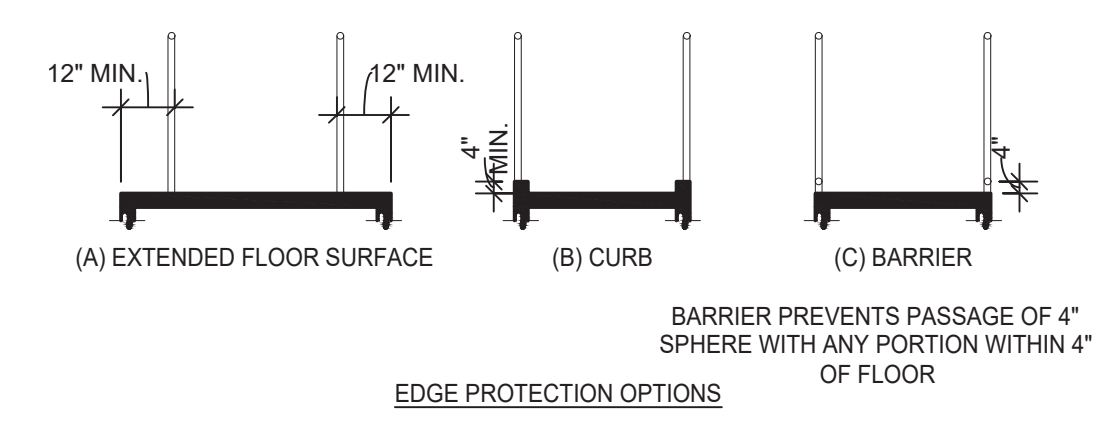
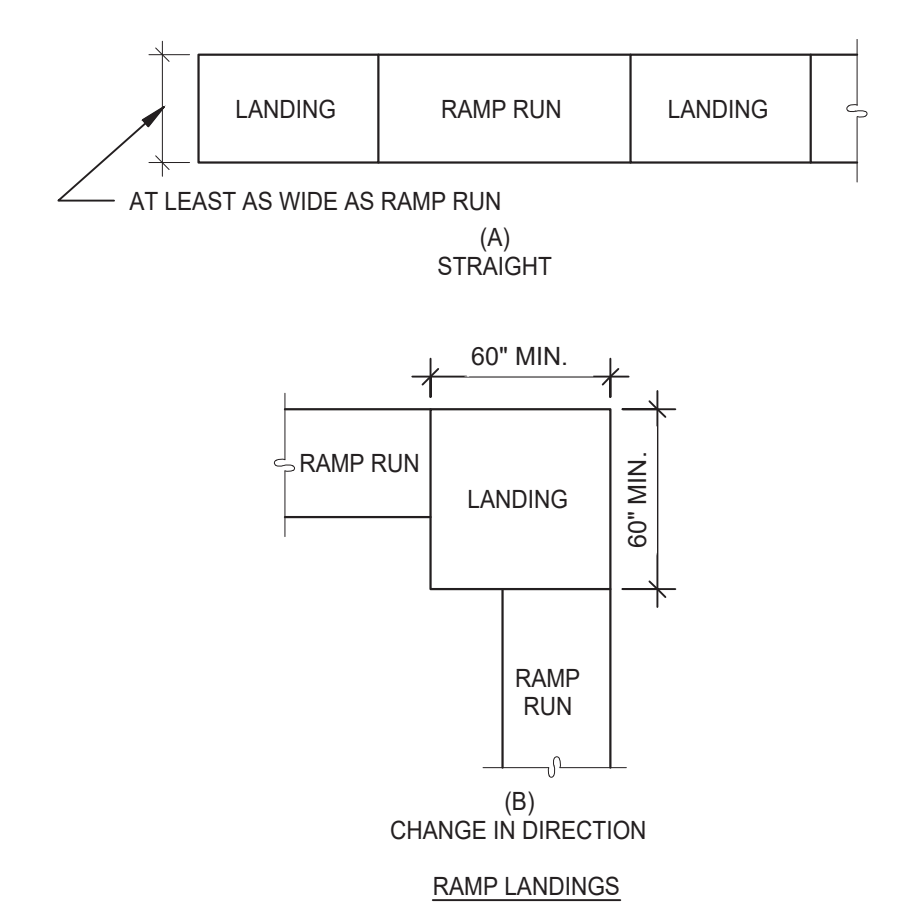
ENDEAVOR 2.0
ACCESSIBILITY REQUIREMENTS

ADA 1.3

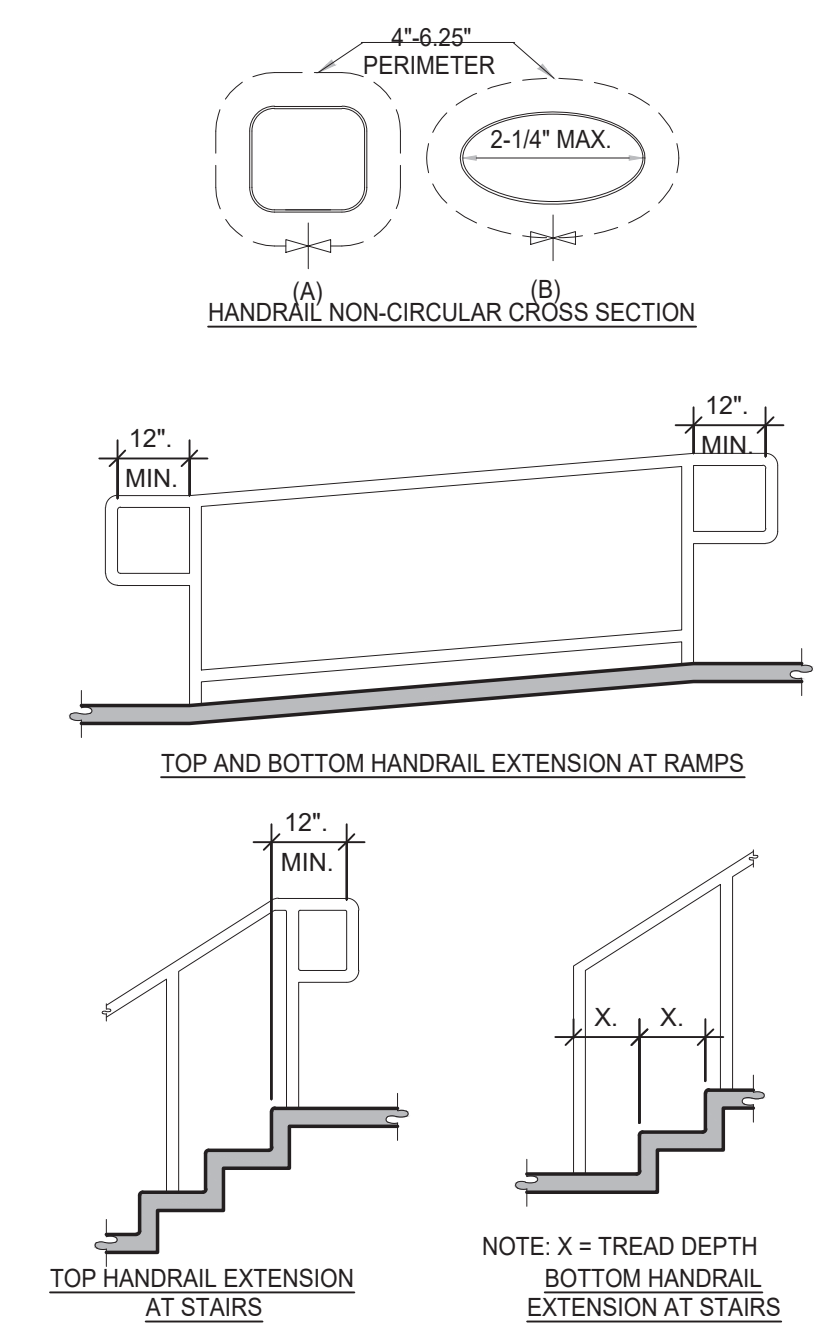
PLOT DATE: 8/15/2022



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



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



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

GENERAL:

- 1. 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 KITCHEN EQUIPMENT.
3. PROVIDE FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

HVAC:

- 1. INSTALLATION SHALL CONFORM TO MECHANICAL AND ENERGY CODES FOR NEW NONRESIDENTIAL BUILDINGS.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. 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.
5. PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN 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 E7.1 FOR ADDITIONAL LOW VOLTAGE WIRING AND CONNECTIONS.
6. PROVIDE ALL REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF AND CHARGE LINES PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS.
7. HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
8. SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED. ALL RETURN AND SUPPLY DUCT RISERS SHALL BE LINED (NOT WRAPPED).
9. 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 UTILIZE FLEXIBLE DUCT. ALL EXHAUST DUCT SHALL 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 ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SUPPLY SMOKE DETECTOR ONLY IF REQUIRED BY LOCAL CODE.
10. 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 TOP OF FAN BASE. TRANSITION SHALL BE CENTERED AND HAVE MINIMUM OF 1" PER FOOT SLOPE. BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT BRANCH FEEDER. DAMPER SHALL BE MINIMUM 26 GAUGE LOCATED IN DEDICATED SLEEVE WITH AXLE AND LOCKING QUADRANT. DAMPERS SHALL NOT BE INSTALLED IN STARTER COLLARS. ALL DAMPER HANDLES SHALL HAVE A FLAG ON THE HANDLE FOR LOCATION PURPOSES. OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND VENTS.
14. SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUMI BRANDS NATIONAL CONTRACT.
15. CONTRACTOR IS RESPONSIBLE FOR PROVIDING HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION, CERTIFICATE OF OCCUPANCY, BUILDING FINAL, ETC.
16. FINAL HVAC SYSTEM TESTING AND BALANCING, AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER IS SCHEDULED AND PAID FOR (FRANCHISEE STORES) BY GENERAL CONTRACTOR (CORPORATE STORES ARE DIRECT BILLED TO TACO BELL). 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 AGENT'S ARRIVAL, EQUIPMENT NOT WIRED, COMPLETED, STARTED, 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 SHALL BE INCURRED BY THE GENERAL CONTRACTOR.

INDEPENDENT AGENTS:

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

- 17. 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.
18. REFERENCE RTU TO TBCCB CONNECTIONS PER E6.1.
19. RTU MANUFACTURER FURNISHED THERMOSTATS SHALL BE CAPABLE OF RECEIVING AN EXTERNAL "OCCUPIED" SIGNAL.
20. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
21. REFERENCE RTU TO TBANS CONNECTIONS PER E7.1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
22. LOW VOLTAGE CONNECTIONS TO SMOKE DETECTORS, REMOTE ANNUNCIATORS 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

Table with 3 columns: SYMBOL & ABBREV., DESCRIPTION, and a third column for symbols. Includes symbols for supply air, return air, exhaust air, ceiling diffuser, return register, exhaust register, flexible duct, manual volume damper, programmable thermostat, and smoke detector reset.

Table with 2 columns: SYMBOL & ABBREV., DESCRIPTION. Lists abbreviations for air conditioning, finished floor, back draft damper, circuit breaker, ceiling, connect, continuation, cubic feet per minute, disconnect, exhaust air, exhaust fan, existing, gage, general contractor, heating/ventilating/air conditioning, manufacturer, mechanical, outside air, opposed blade damper, return air, supply air, stainless steel, and typical.

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.

HVAC Unit Schedule table with columns: MARK, AREA SERVED, SUPPLY CFM, MIN. OA CFM, ESP, HP, RPM, NOMINAL TONS, MIN CAP (MBH) TOT/SEN, MIN EER, INPUT (MBH), OUTPUT (MBH), HEATING STAGES, AFUE %, VOLTS/PH, MCA (A), MOCP (A), WEIGHT (LBS.), LENNOX MODEL, NOTES. Includes units RTU-1, RTU-2, and RTU-2.

SCHEDULE NOTES:

- 1. LISTED CAPACITY IS UNIT NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 - 80.6°F DB / 67.1°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 87°F & 74°F WB, WINTER -10°F. THERMOSTAT SHALL BE PROGRAMMED FOR 73°F IN SUMMER AND 68°F IN WINTER WITH 2°F ADJ. FUNCTION UP OR DOWN. UNOCCUPIED HEATING SET POINT SHALL BE SET TO THE STORE SCHEDULE AND 60°F MINIMUM. SPECIFIED UNITS INCLUDE MINIMUM 2 STAGE COOLING FOR RTU-1 AND 3 STAGE COOLING FOR RTU-2, LOW AMBIENT CONTROL TO 0 DEG. F AND THROUGH THE ROOF CURB GAS AND POWER CONNECTIONS.
2. HINGED ACCESS DOORS (FACTORY PROVIDED).
3. 2 INCH MERV 8 FILTERS (FACTORY PROVIDED).
4. SINGLE ENTHALPY ECONOMIZER WITH WEATHER HOOD (FACTORY PROVIDED).
5. LOW LEAKAGE ECONOMIZER WITH FAULT DETECTION (FACTORY PROVIDED).
6. STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED).
7. CIRCUIT BREAKER DISCONNECT SWITCH (FACTORY PROVIDED).
8. RETURN AIR SMOKE DETECTOR (FACTORY PROVIDED).
9. STANDARD CAP. (FACTORY PROVIDED).
10. PHASE MONITOR (FACTORY PROVIDED).
11. MULTI-STAGE AIR VOLUME (FACTORY PROVIDED).
12. 18" ROOF CURB (FIELD INSTALLED).
13. COMFORT SENSE CS8500 THERMOSTAT AND REMOTE SENSOR (FIELD INSTALLED).
14. GFCI SERVICE RECEPTACLE (FIELD WIRED, FACTORY INSTALLED).

HVAC UNIT SCHEDULE

1

FAN DATA table with columns: Mark, CFM, ESP, RPM, HP, VOLTS/PH, DRIVE TYPE, MANUFACTURER, MODEL, NOTES. Includes units EF-1, EF-2, and EF-2.

REMARKS:

- 1. UL 762 LISTED (GREASE)
2. UL 705 LISTED (HEAT OR STEAM)
3. FLAT ROOF CURB, 19.5" X 19.5" X 26"H, VENTED
4. FLAT ROOF CURB, 19.5" X 19.5" X 14"H
5. GREASE CUP WITH DRAIN
6. FACTORY ATTACHED HINGES
7. WEATHERPROOF PRE-WIRED DISCONNECT SWITCH
8. PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER
9. GRAVITY BACKDRAFT DAMPER
10. FURNISHED BY OWNER WITH HOOD PACKAGE
11. FURNISHED WITH DAMPER TRAY

EXHAUST FAN SCHEDULE

2

Exhaust Fan Schedule table with columns: MARK, NECK SIZE, FACE SIZE OR GRID SIZE, (NO.) & AIR PATTERN, TYPE, MAX FLOW (CFM), MOUNTING, MATERIAL, MANUFACTURER, MODEL NUMBER, REMARKS. Includes units E-1, E-2, R-1, R-2, R-3, S-1, S-2, and S-4.

NOTES:

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

AIR DEVICE SCHEDULE

3

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

LENNOX HAS 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 SERVES AS UNIT DISCONNECT.

FOR HVAC TEST AND BALANCE, GC 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.

Table with 6 columns: ITEM, OA, RA, SA, EA, PRESSURE. Includes units EF-1, EF-2, RTU-1, RTU-2, and TOTAL.

NOTES:

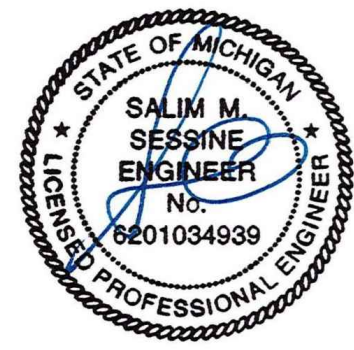
- OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 23.6% FOR RTU-1 AND 15.4% FOR RTU-2. ADJUST OUTSIDE AIR INTAKES TO MAINTAIN VALUES AT ALL EVAPORATOR FAN SPEEDS.

HVAC NATIONAL ACCOUNT NOTES

5

AIR BALANCE SCHEDULE

4



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PHONE FAX

(248) 524-4700 (248) 524-9746

PROJECT # 21017

Table with 2 columns: DATE, REMARKS. Includes dates 08-07-22 (Review) and 08-15-22 (Bids & Permits).

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER:

PA/PM:

DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC

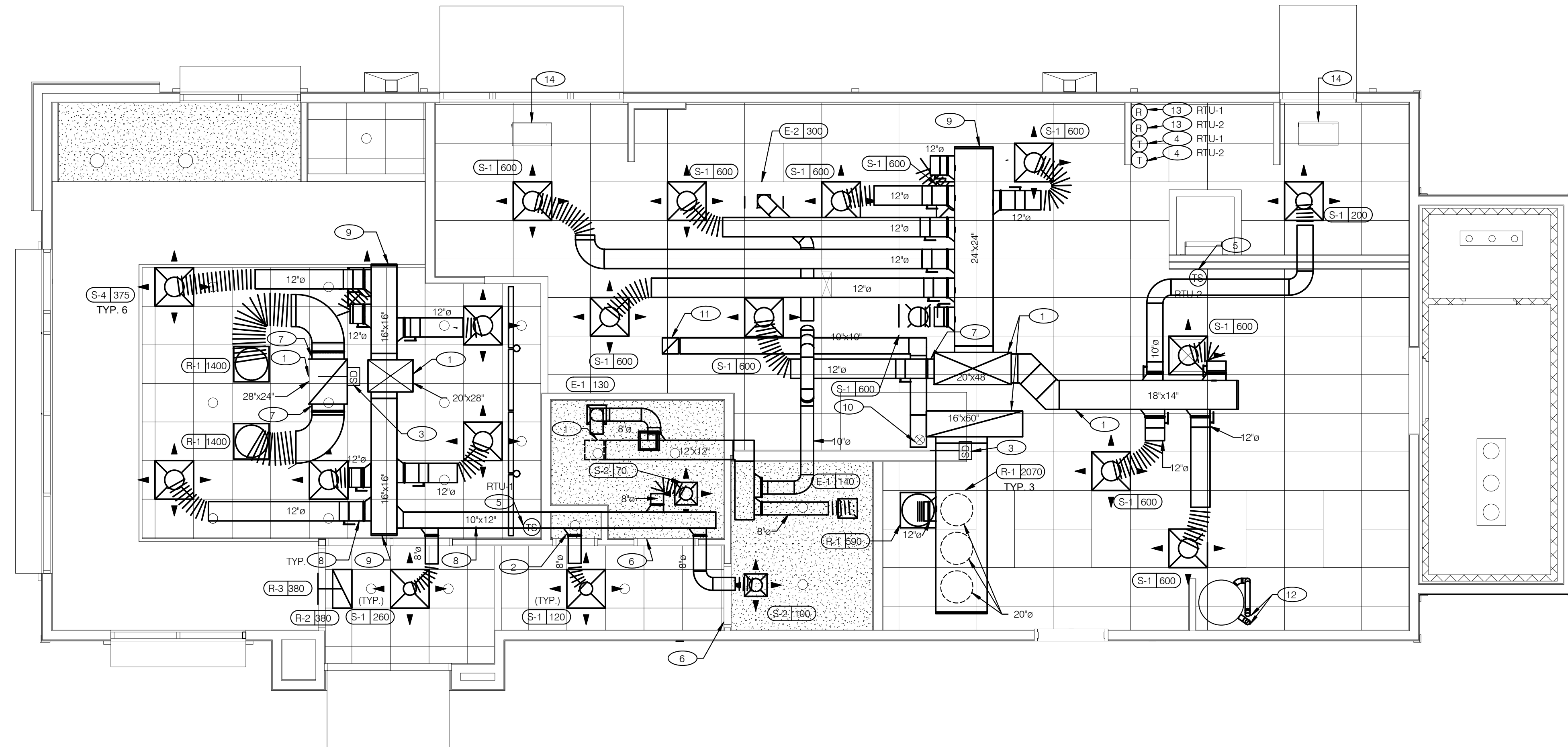
Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES

M1.0

PLOT DATE: 2/21/2022



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

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

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

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

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



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 PROJECT # 21017

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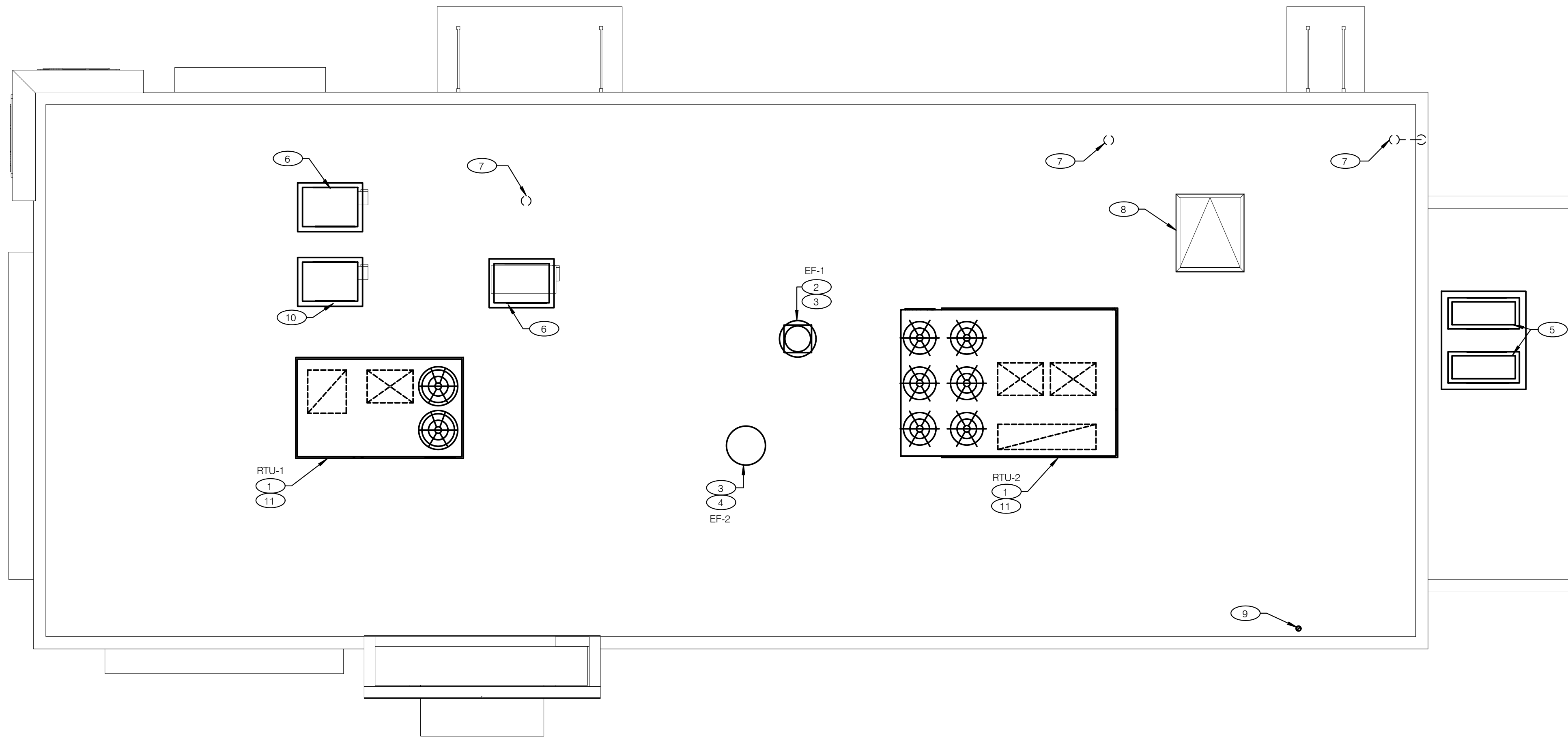
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ENDEAVOR 2.0 DUCT AND DIFFUSER PLAN

M2.0



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

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

KEYNOTES - MECHANICAL ROOF PLAN NTS **B**



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 Pontiac, Michigan 48340



ENDEAVOR 2.0 MECHANICAL ROOF PLAN

M2.1

PLOT DATE: 2/21/2022

STRATOVENT MODEL# SVDU50HFA

TAG	HOOD	STRATOVENT MODEL #	CFM	ESP	RPM	H.P.	B.H.P.	Q	VOLT	FLA	MCANCP	WEIGHT (LBS)	CONES
EF-1	FRYER	SVDU50HFA	1000	0.9'	1429	0.50	0.33	1	115	8.4	10.0/15	85/60	14.8

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

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

NOTE: ALL DIMENSIONS (INCHES)

REVISED: 10-10-2018

HOOD EXHAUST FAN DETAIL NTS 7

PROJECT: TACO BELL

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

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

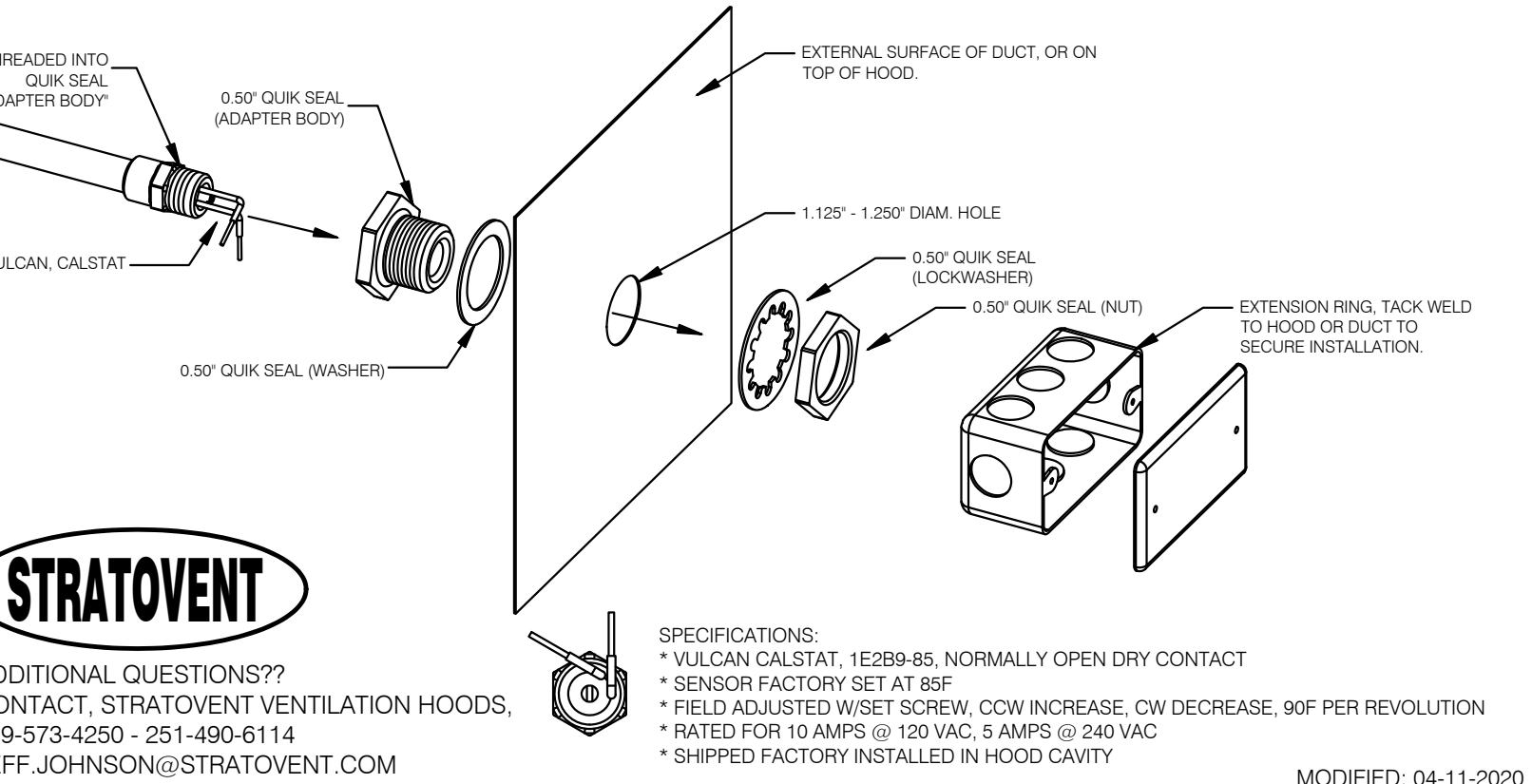
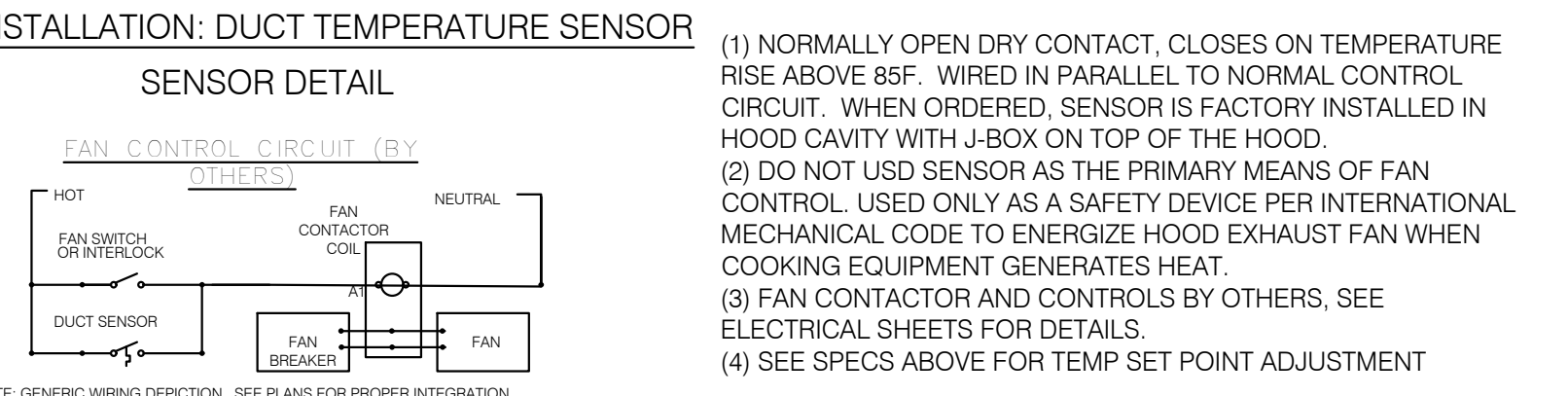
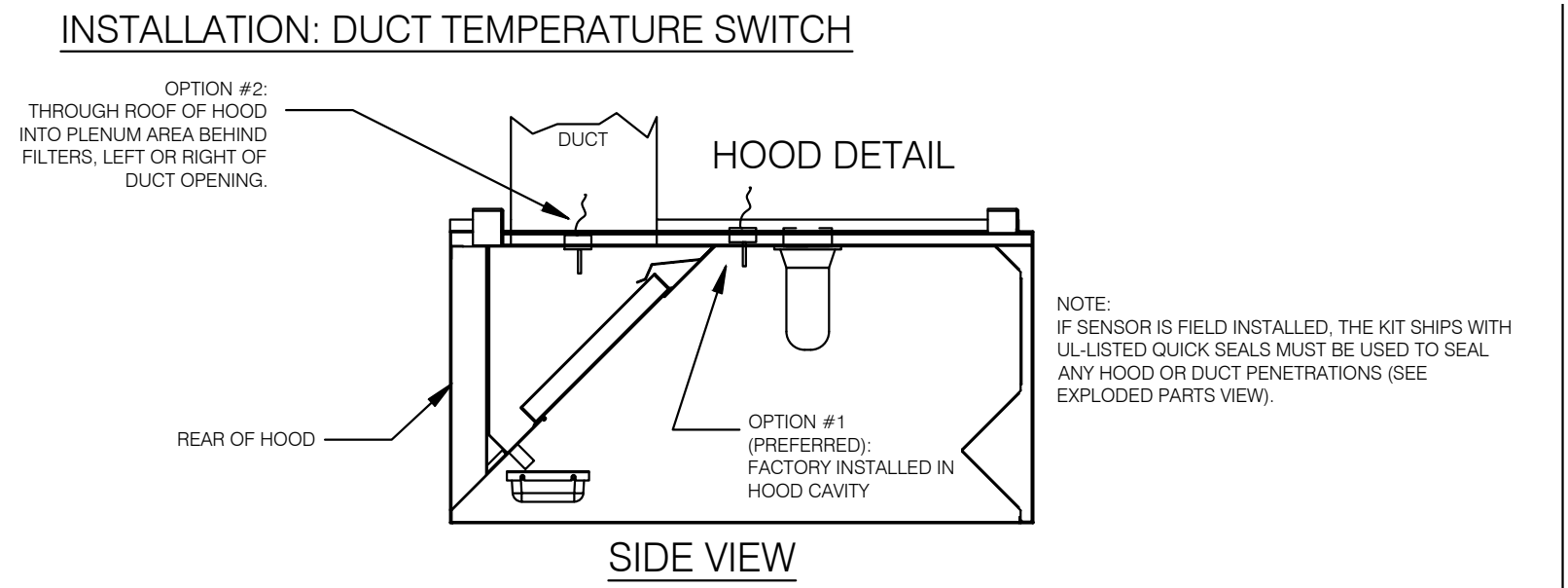
NOTES
 - FIELD PIPE DROPS AS SHOWN: SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY STRATOVENT FOR HOOD-BASED PIPING.
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED.
 - MAXIMUM 9 ELBOWS IN SUPPLY LINE, MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
 - ALL NOZZLE HEIGHT AND PLACEMENT TO BE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

LEGEND - WALL MOUNTED ANSUL SYSTEM

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

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

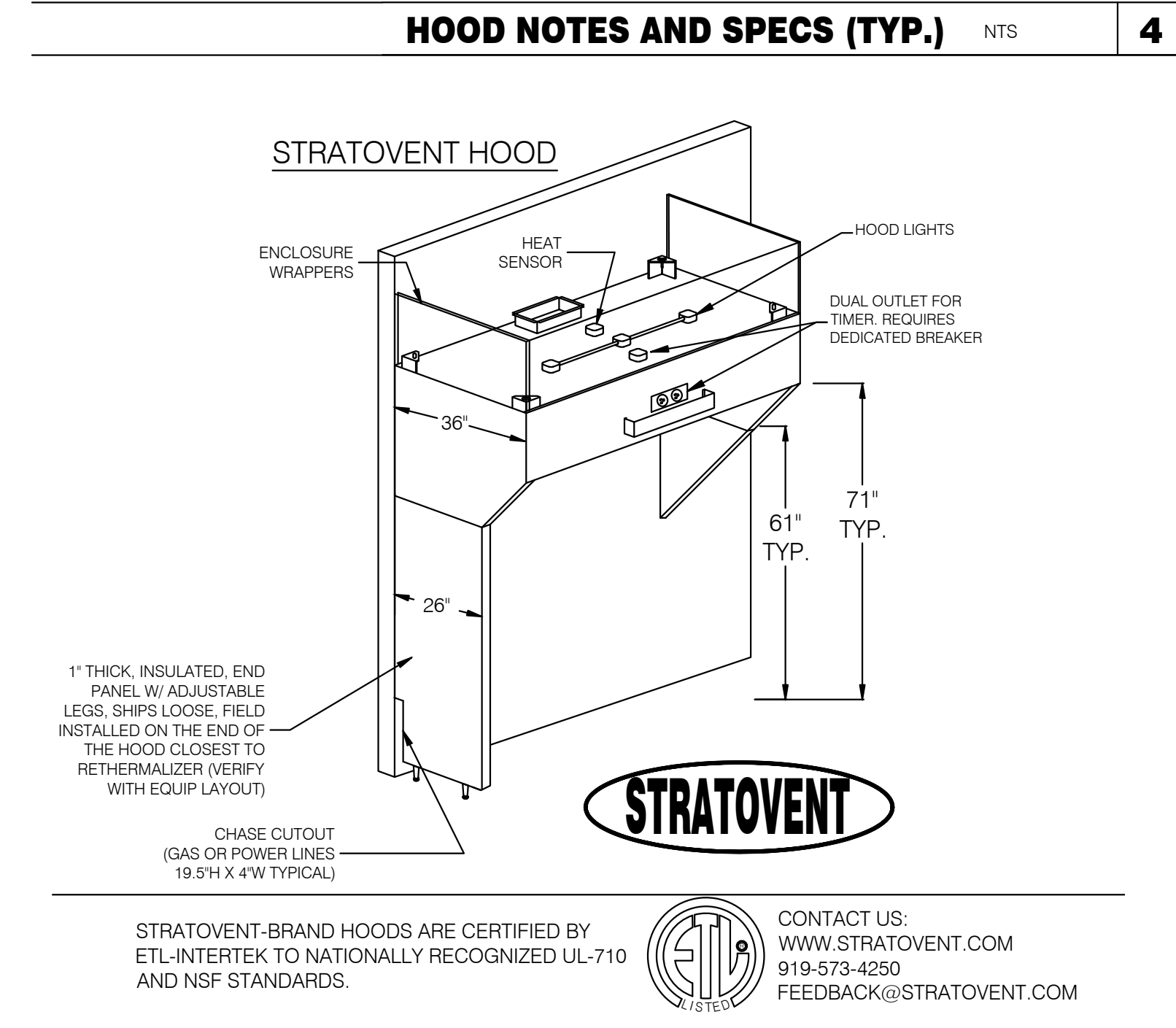
TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN 12" = 1'-0" 6



HEAT SENSOR ATTACHMENT NTS 5

HOOD NOTES AND SPECS (TYP.) NTS 4

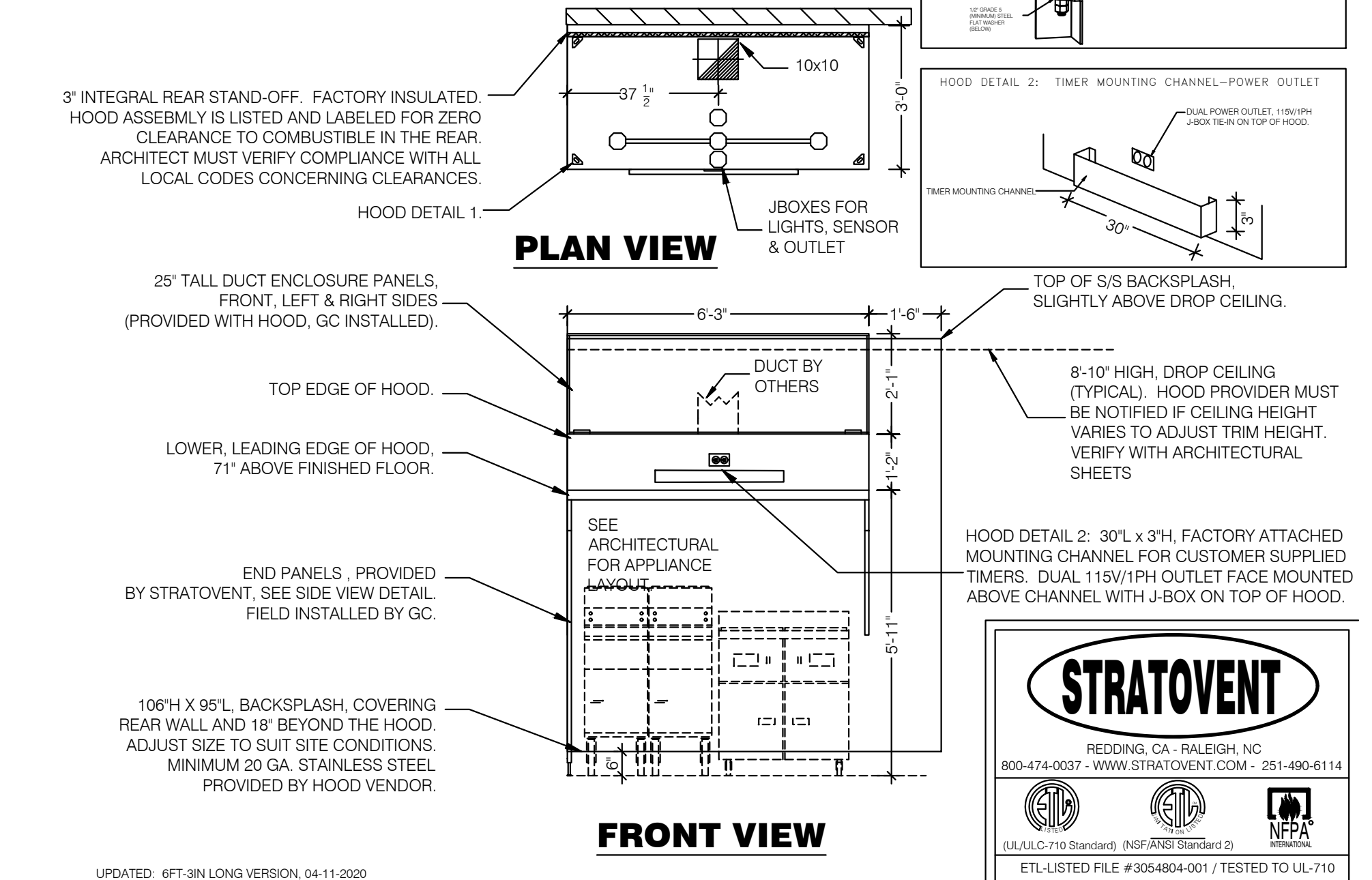
THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVBD2. MANUFACTURED BY: STRATOVENT VENTILATION HOODS RALEIGH, NC 27616 CONTACT: JEFF JOHNSON, 251-490-6114



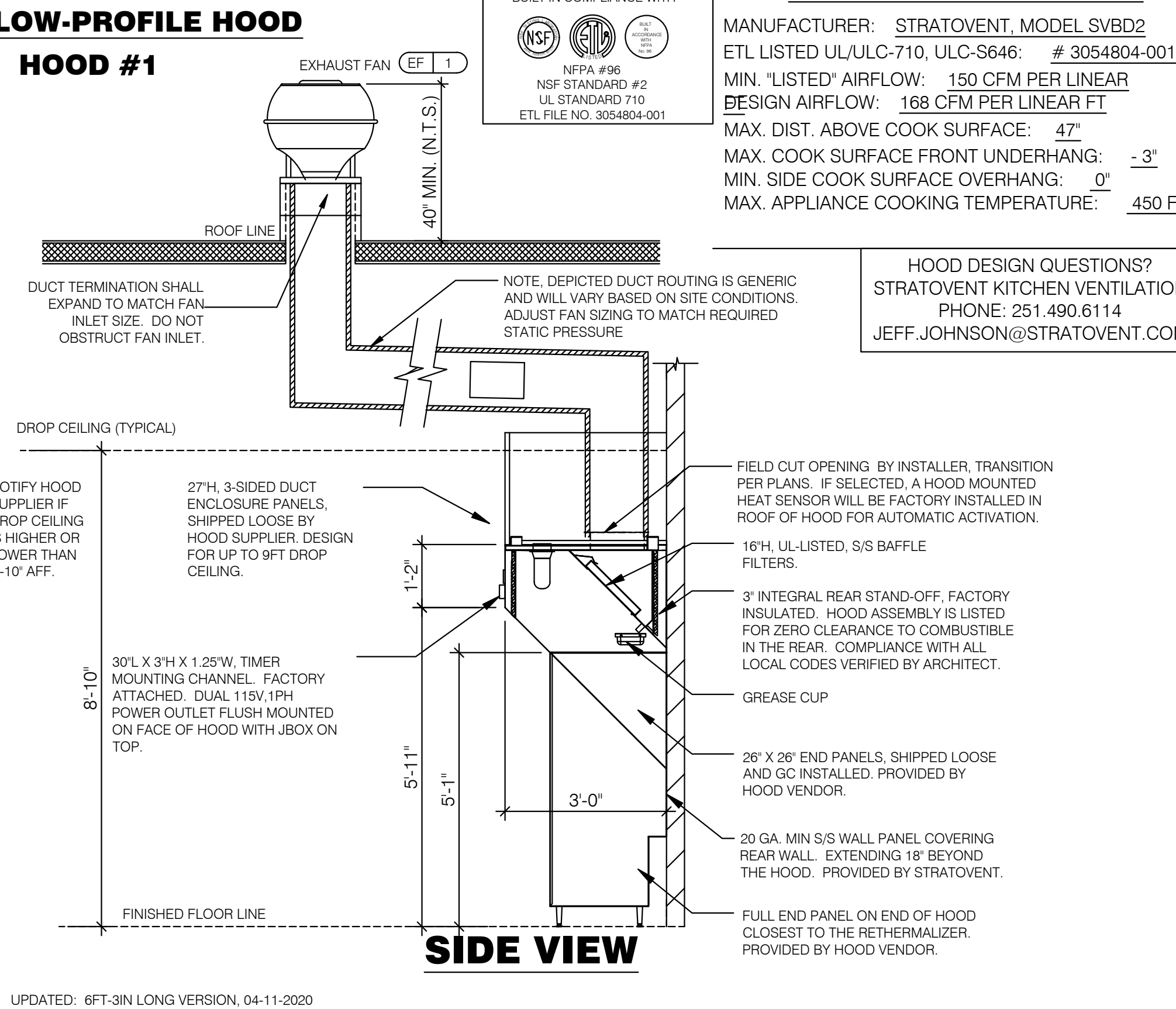
HOOD ISOMETRIC 12" = 1'-0" 3

HOOD #	1 OF 1	MODEL #	STRATOVENT SVBD2
LENGTH (IN):	6'-3"	WIDTH (IN):	36"
HEIGHT (IN):	14" H		
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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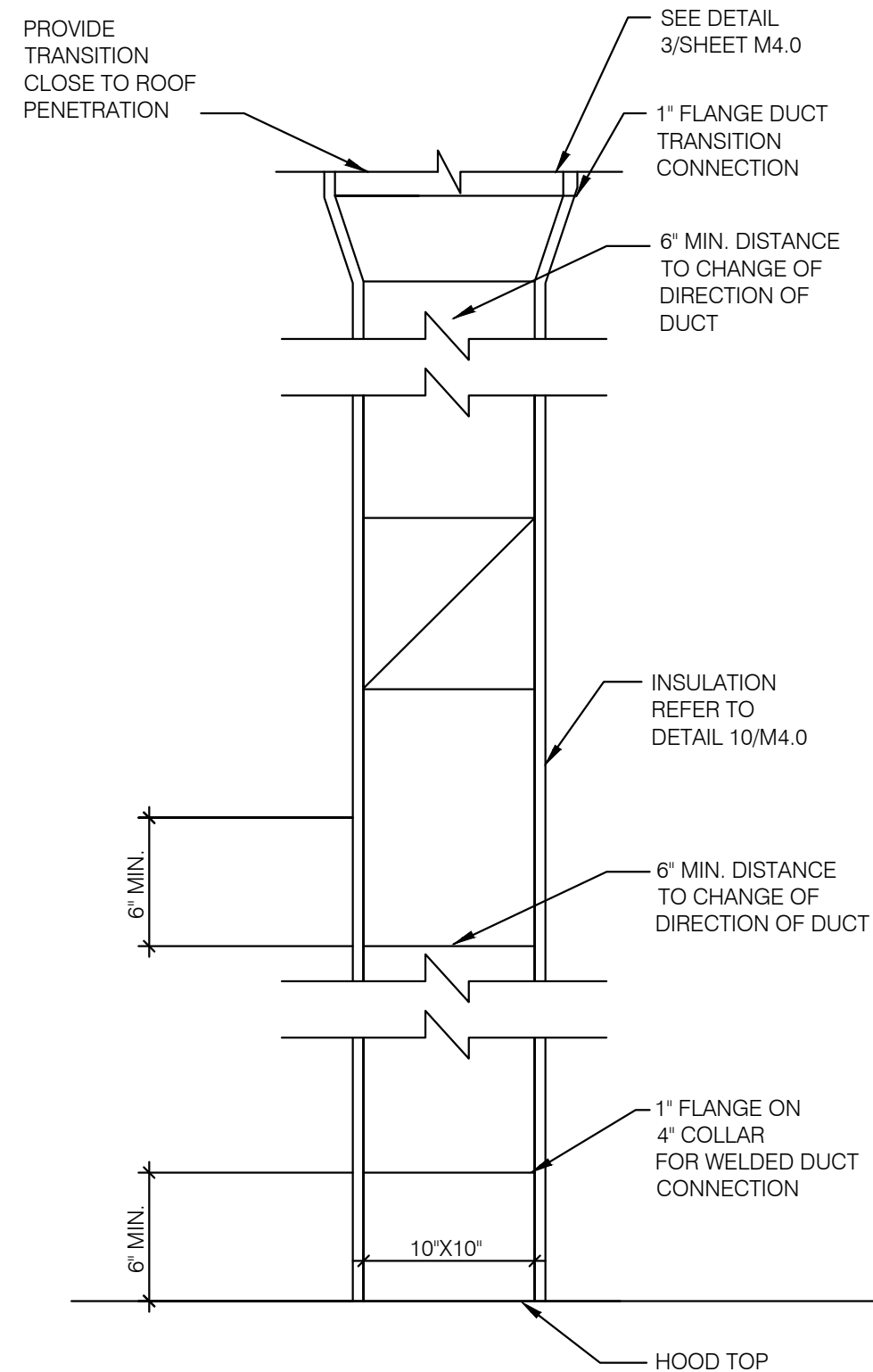
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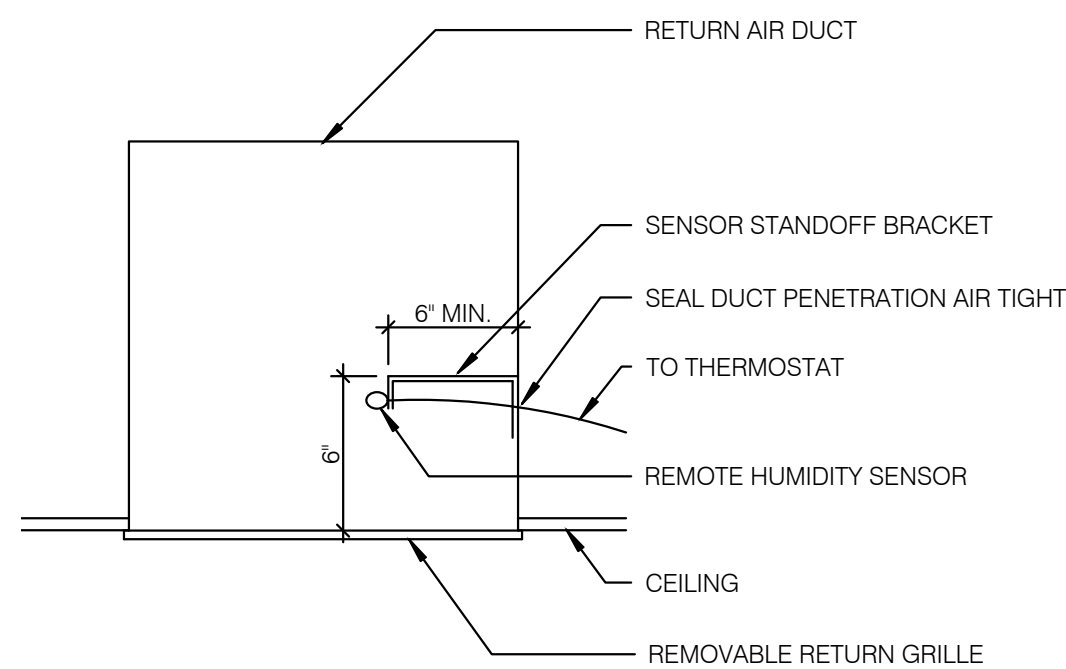


ENDEAVOR 2.0 HOOD DETAILS AND SECTIONS

M3.0

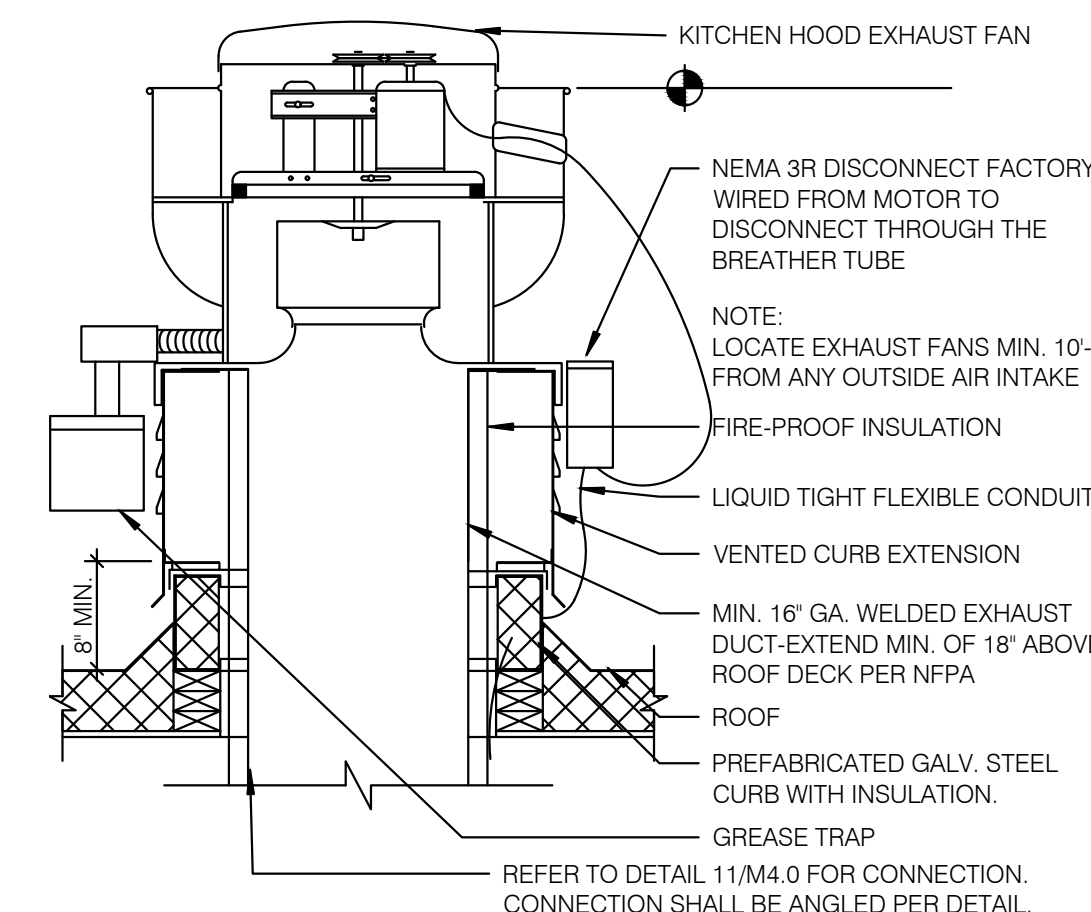


TB HOOD DUCT TRANSITION NTS **11**

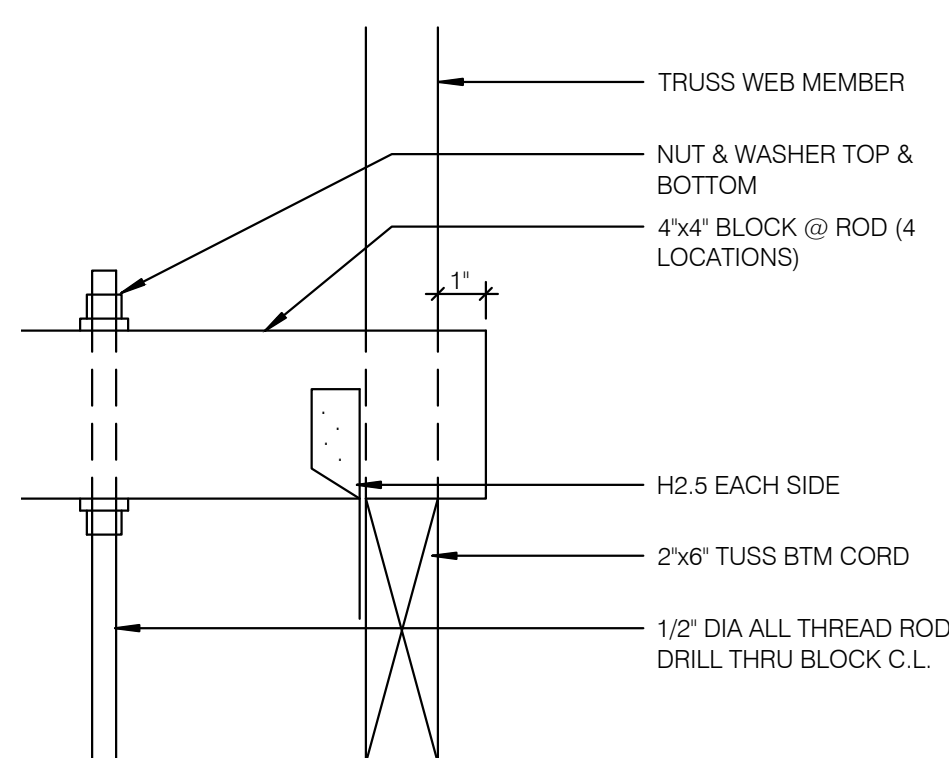


REMOTE HUMIDITY SENSOR NTS **8**

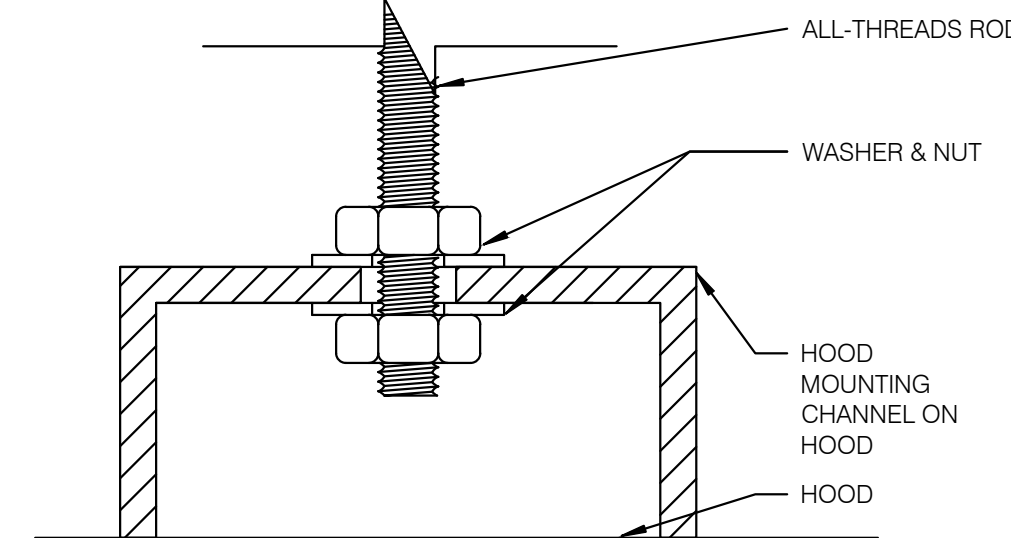
NOT USED NTS **6**



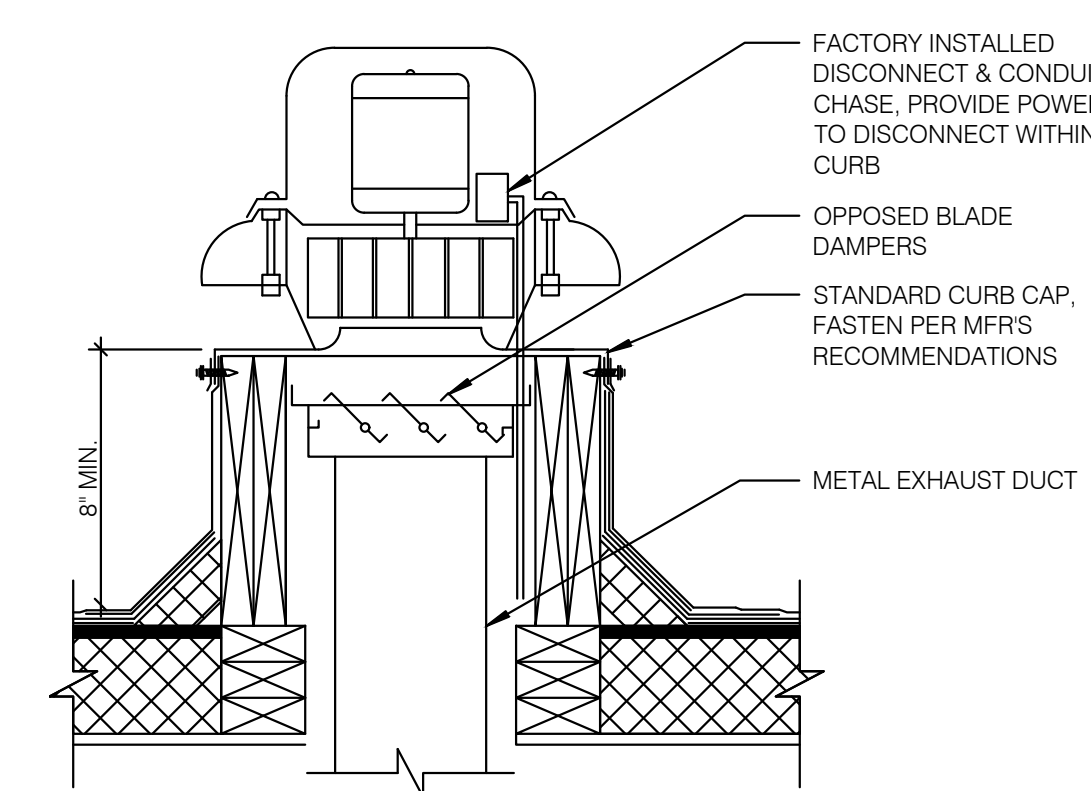
EXHAUST FAN (EF-1) NTS **3**



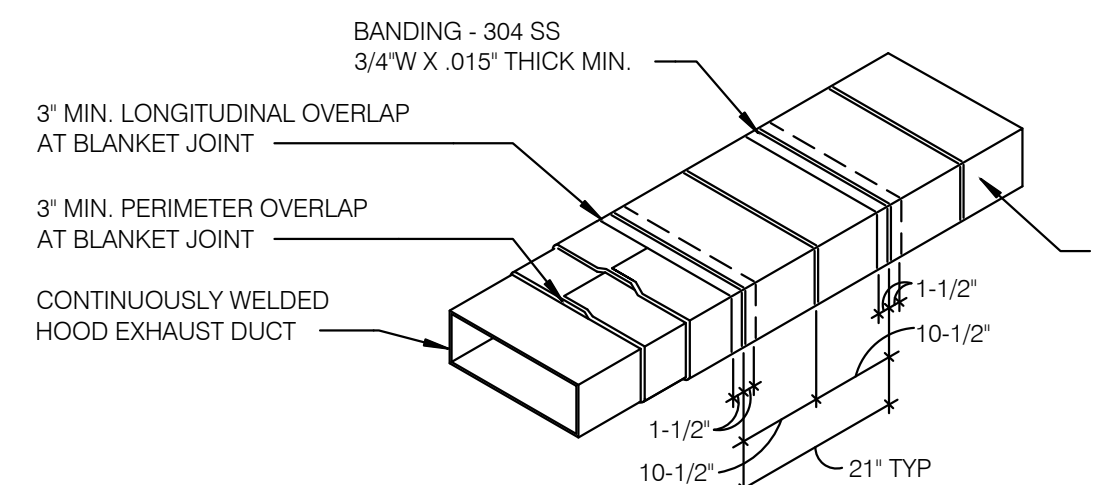
ROD ATTACHMENT NTS **7**



BOLT CONNECTION TO HOOD NTS **5**

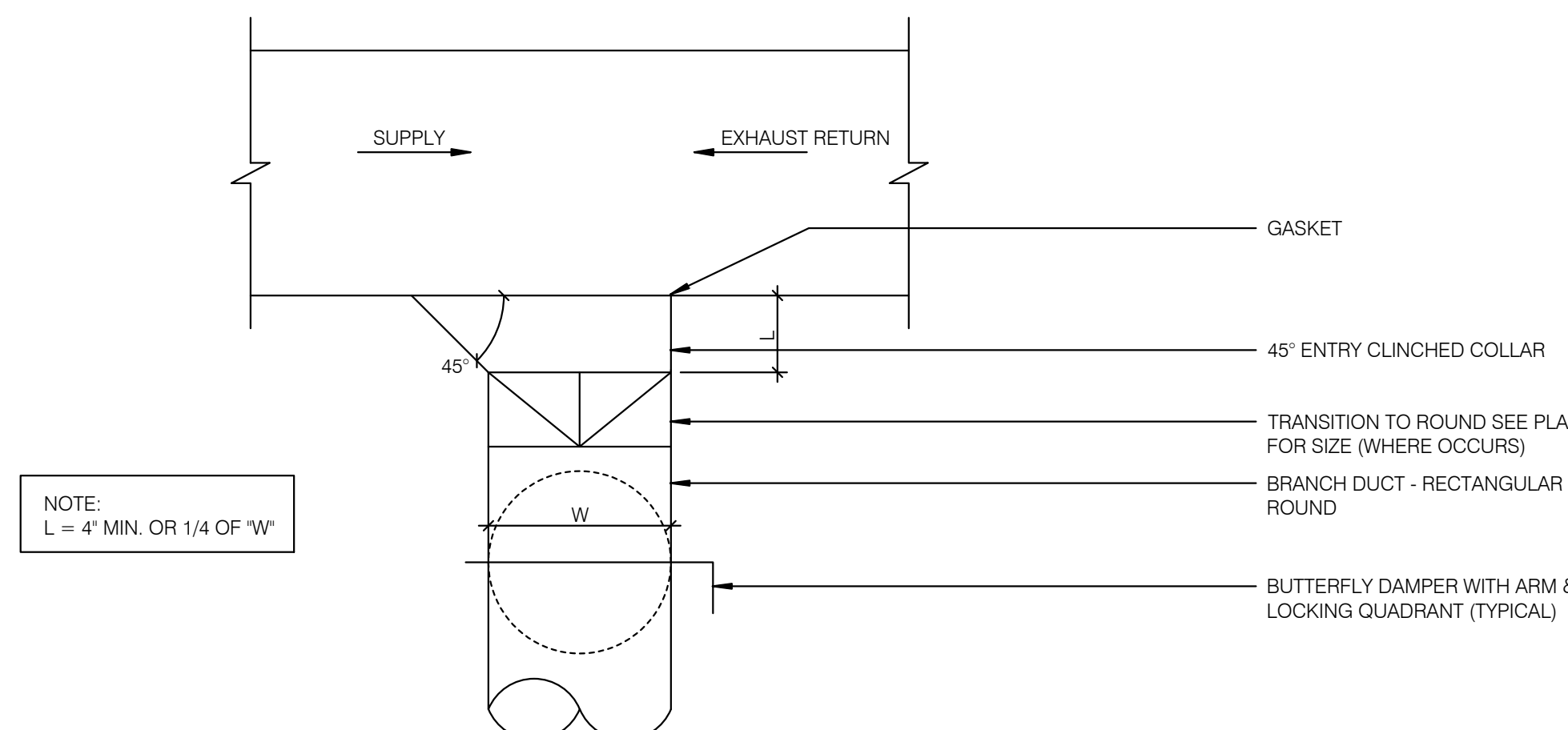


RESTROOM FAN (EF-2) NTS **2**



- 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."

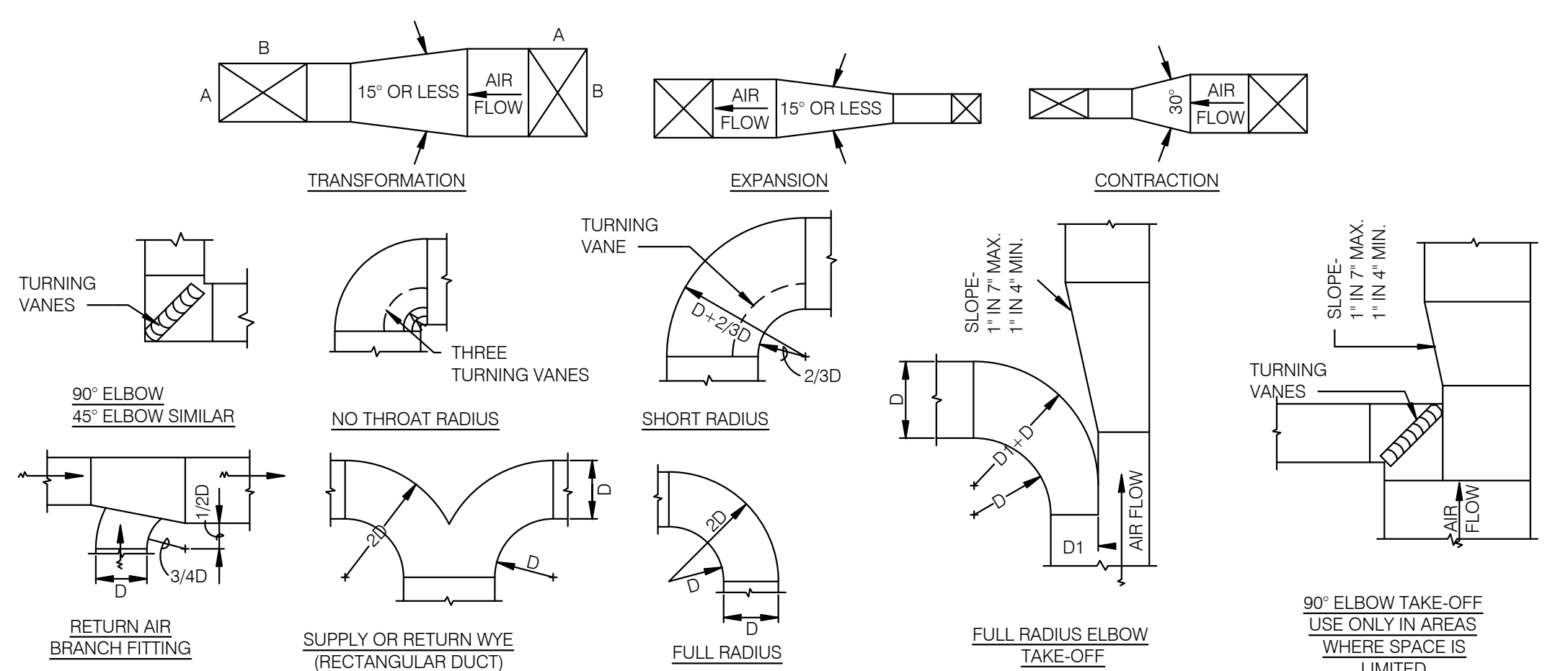
TB HOOD DUCT TRANSITION NTS **11**



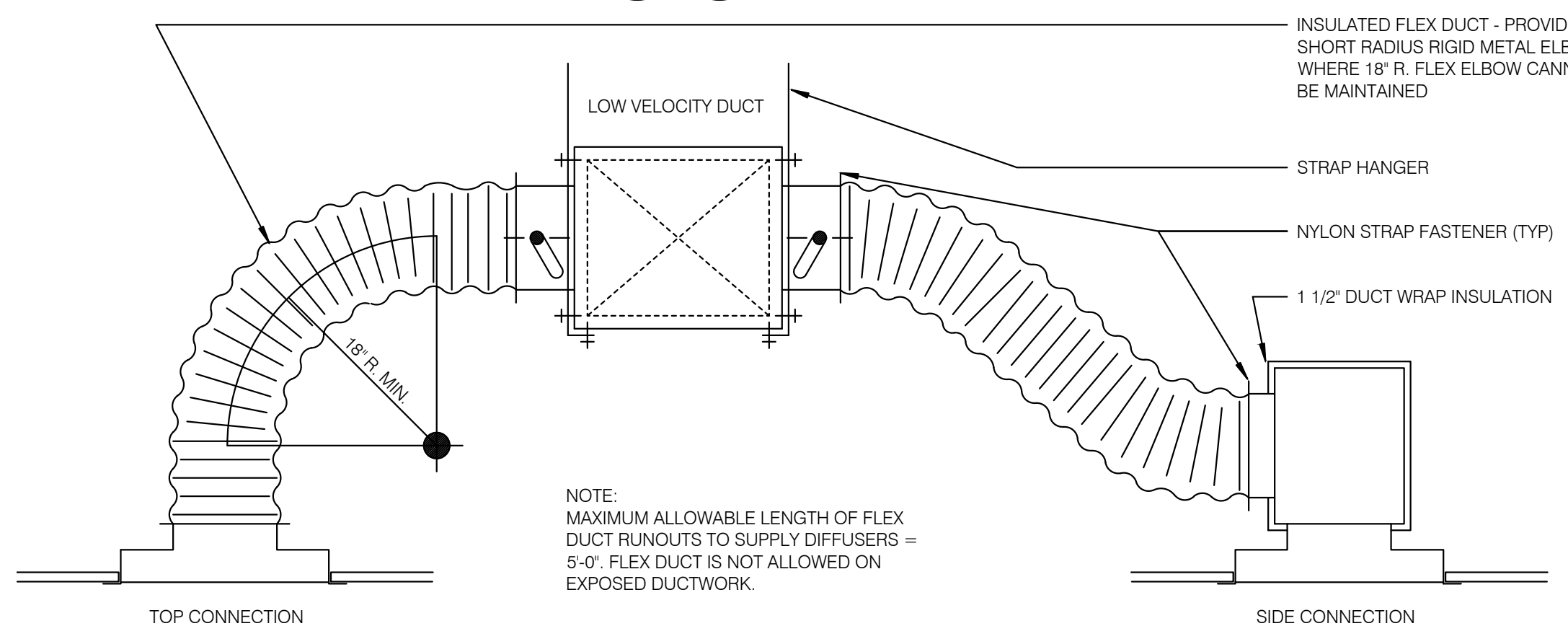
CEILING DIFFUSER CONNECTIONS NTS **4**

BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10-1/2" ON CENTER.

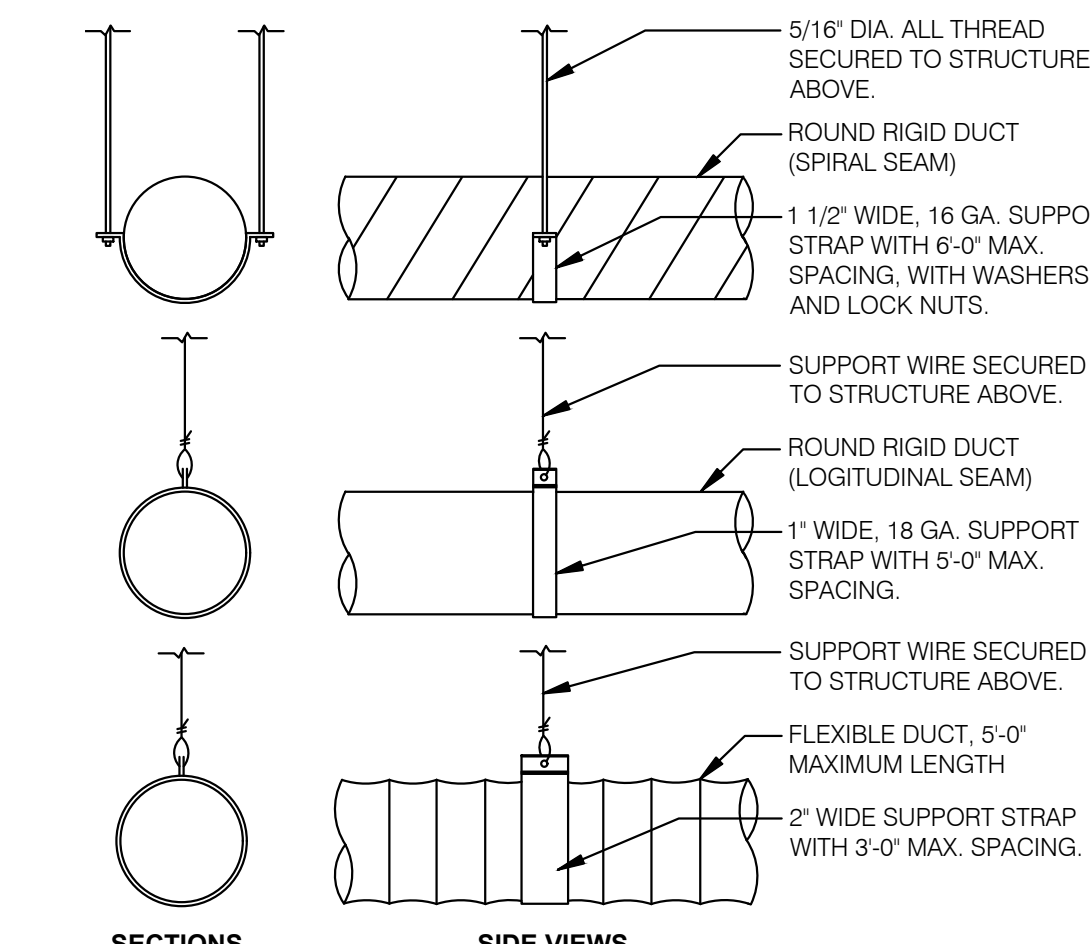
KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL NTS **10**



TYPICAL DUCTWORK DETAILS NTS **9**



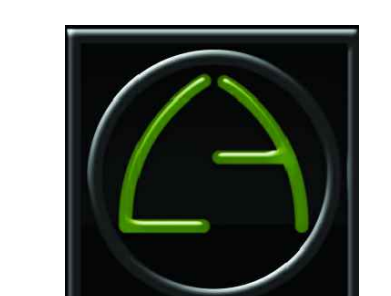
CEILING DIFFUSER CONNECTIONS NTS **4**



DUCT SUPPORT DETAIL NTS **1**



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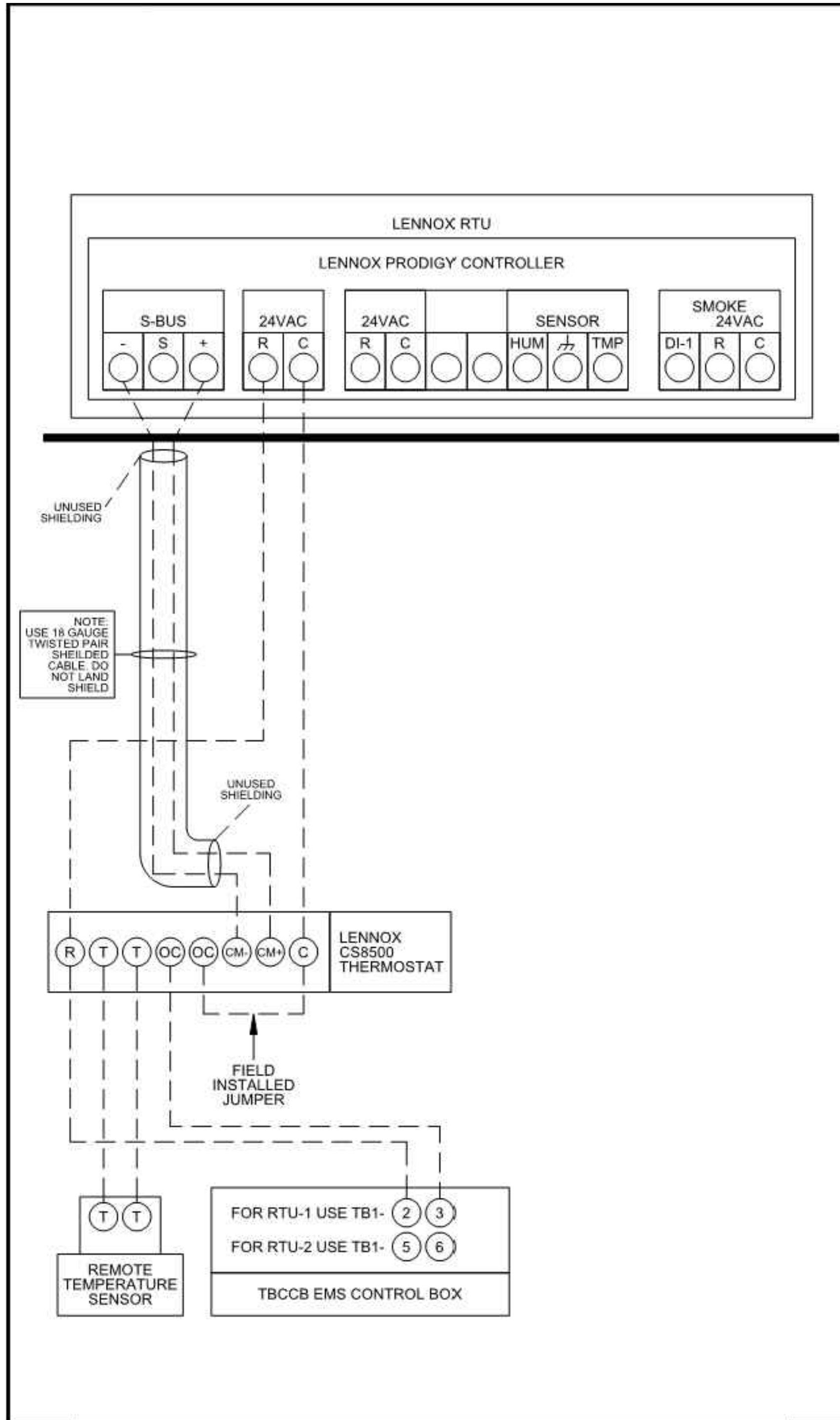


ENDEAVOR 2.0 MECHANICAL DETAILS

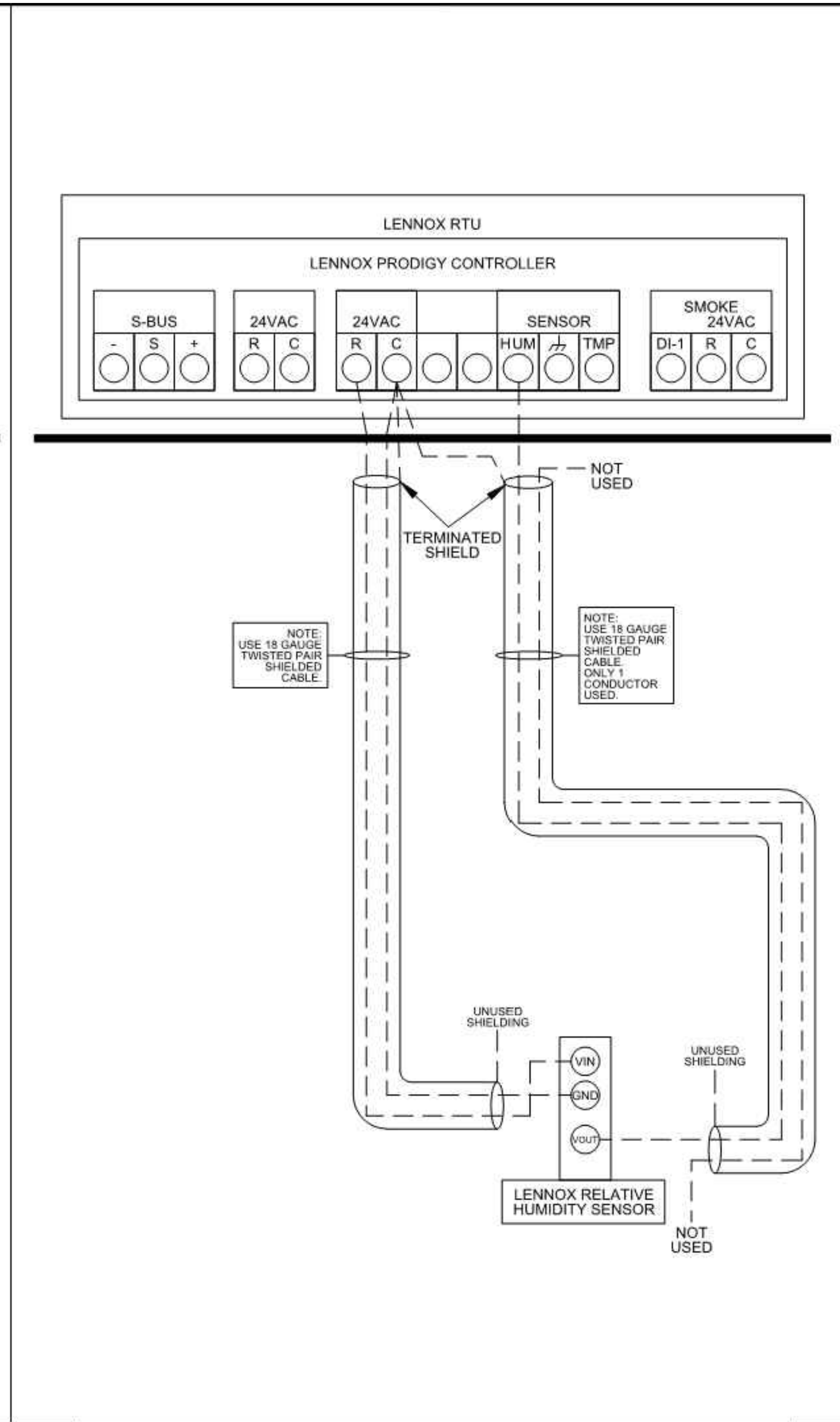
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PLOT DATE: 2/21/2022

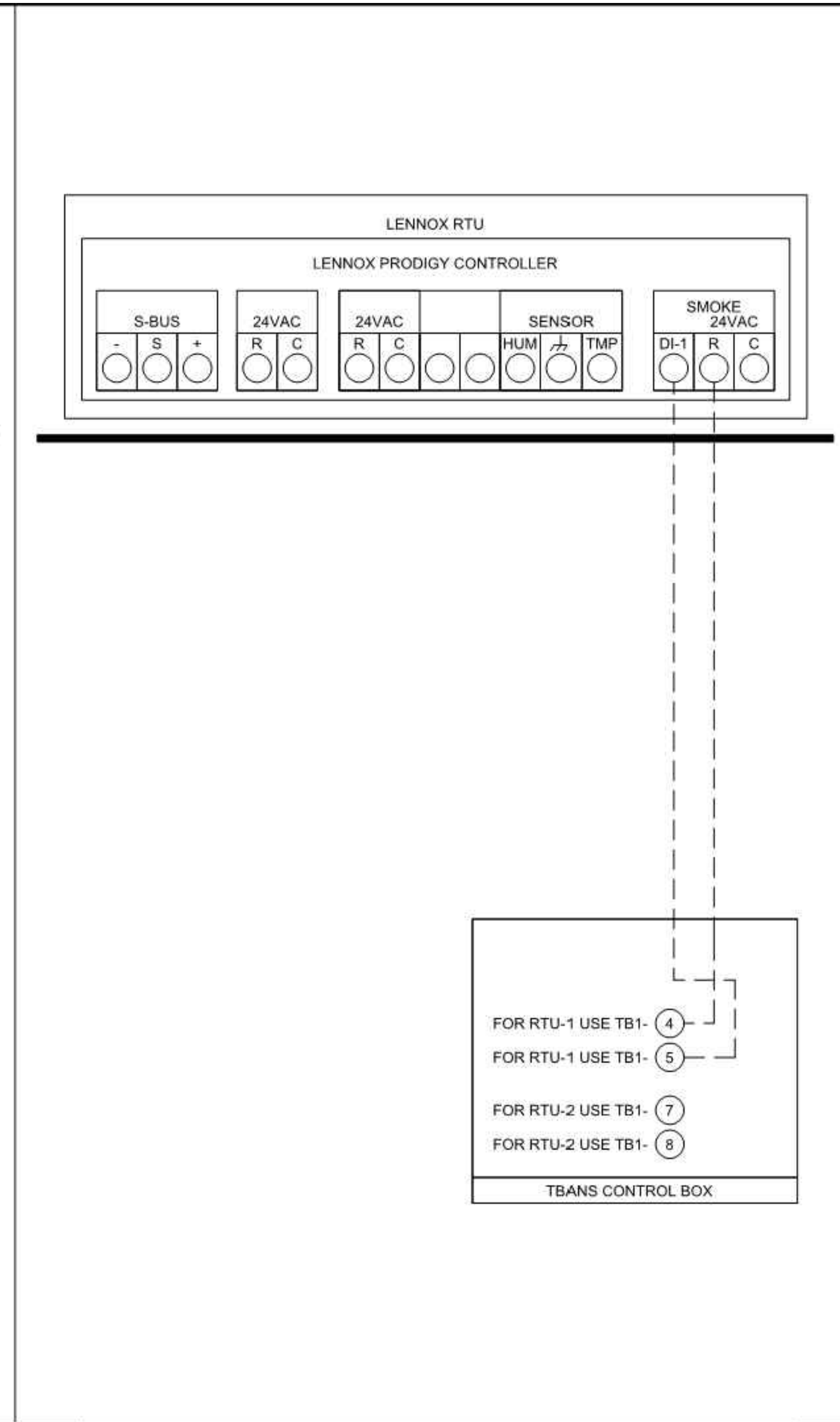
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1 LENNOX PRODIGY TO THERMOSTAT AND TO TBCCB CONNECTION NTS



2 LENNOX PRODIGY TO OPTIONAL HUMIDITY SENSOR CONNECTION NTS



3 LENNOX PRODIGY TO TBANS CONNECTION NTS



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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PROJECT # 21017

DATE	REMARKS
1 08-07-22	Review
2 08-15-22	Bids & Permits

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

GREAT LAKES
TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0
CONTROLS
DETAILS

M5.0

PLOT DATE: 2/21/2022

- 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 UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
- VERIFY LOCATION OF SANITARY SEWER ON SITE PLAN AND REVISE SEWER SYSTEM AS REQUIRED.
- PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODE. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
- CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.
- VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- PLUMBING FIXTURE VENTS SHALL TERMINATE MINIMUM OF 12 INCHES FROM VERTICAL SURFACES AND 10 FEET FROM OUTSIDE AIR INTAKES.
- PROVIDE GAS PIPING TO UNITS AND MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
- PROVIDE SHUT-OFF VALVES ON HOT & COLD WATER LINES TO FIXTURES AND APPLIANCES. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.
- PROVIDE LEVER HANDLE GAS SHUT-OFF VALVE IN BRACH PIPING OF EACH APPLIANCE. INSTALL OWNER FURNISHED QUICK DISCONNECT, FLEXIBLE PIPE (IF ALLOWED BY CODE) AND RESTRAINING DEVICE. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE IF GAS PRESSURE IS GREATER THAN 10" WC DOWSTREAM OF THE GAS METER.
- VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED.
- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN REQUIREMENTS. MAKE ALL ROUGH-IN AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT UNLESS OTHERWISE NOTED.
- REFER TO MECHANICAL DRAWINGS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
- GAS LINES SHALL BE SUPPORTED.
- FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH WITH 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 SHALL BE MINIMUM 2 TIMES DIAMETER OF INDIRECT DRAIN.
- VERIFY DEPTH, SIZE, LOCATION, AND CONDITION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO COMMENCING WORK ON PROJECT. NOTIFY OWNER IMMEDIATELY OF CONDITIONS THAT EXIST WHICH WOULD CAUSE THE DESIGN TO BE ALTERED..
- COORDINATE INSTALLATION OF PLUMBING WORK WITH OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- PROVIDE 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. PROVIDE GAS PIPING TO UNITS. MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH OWNER PRIOR TO CONSTRUCTION. FAILURE OF CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE RESPONSIBILITY FOR SUBSEQUENT RELOCATION DIRECTLY UPON CONTRACTOR.
- ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.
- ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING FIXTURES OR EQUIPMENT.
- PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT 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.

GENERAL NOTES - PLUMBING NTS

4

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
	(TYP.)	TYPICAL
	(N)	NEW
	(E)	EXISTING
⊕	F.D.	FLOOR DRAIN
⊙	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
⊗	F.S.	FLOOR SINK
	G.L.	GAS LINE
X 00	A.F.F.	ABOVE FINISHED FLOOR
XXX		PLUMBING EQUIPMENT DESIGNATION
		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
SS	SS	SOIL OR WASTE (SANITARY)/WASTE STUB
GW	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	HWR	HOT WATER RETURN
V	V	SANITARY VENT
SD	S.D.	STORM DRAIN
CD	C.D.	CONDENSATE DRAIN
F.C.O.	F.C.O.	FLOOR CLEANOUT
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	7	2	14	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	3	3	9	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
RETHEMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	44	--	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

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
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: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL: 1103
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: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
ECO 1	FLOOR CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
WCO 1	WALL CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
HB 1	HOSE BIBB	--	--	3/4"	--	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300
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, OLSONITE #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.	AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
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, 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, 0.5 GPM AERATOR	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
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 CONTRACTOR.	--
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	4"	--	--	--	--	--	--	PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G --
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	--	--	1-1/2"	1-1/2"	--	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 150,000 BTUH INPUT, 100 GAL. STORAGE TANK, 178 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-150 STATE / SUF 100 150 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 WXTP
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	--
WM 1	WATER METER	--	--	1-1/2"	--	--	--	--	COORDINATE REQUIREMENTS WITH MUNICIPAL WATER DEPARTMENT.	--
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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PROJECT # 21017

DATE	REMARKS
1 06-07-22	Review
2 08-15-22	Bids & Permits

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER:

PA/PM:

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GREAT LAKES TACO, LLC

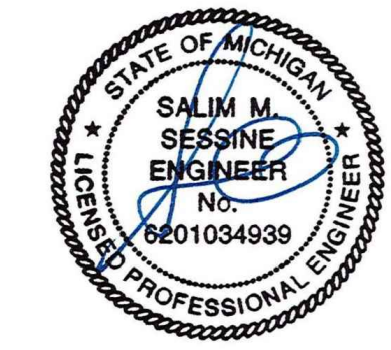
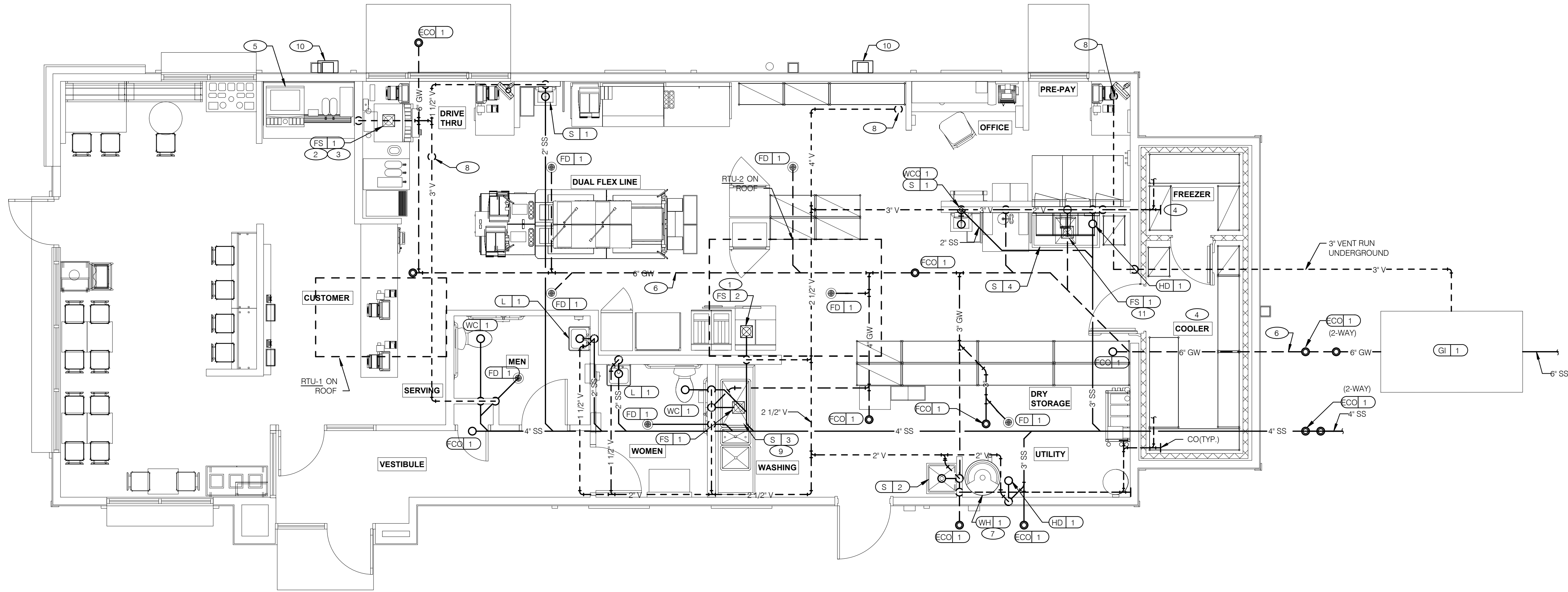
Walton Boulevard
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ENDEAVOR 2.0 PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE: 2/21/2022



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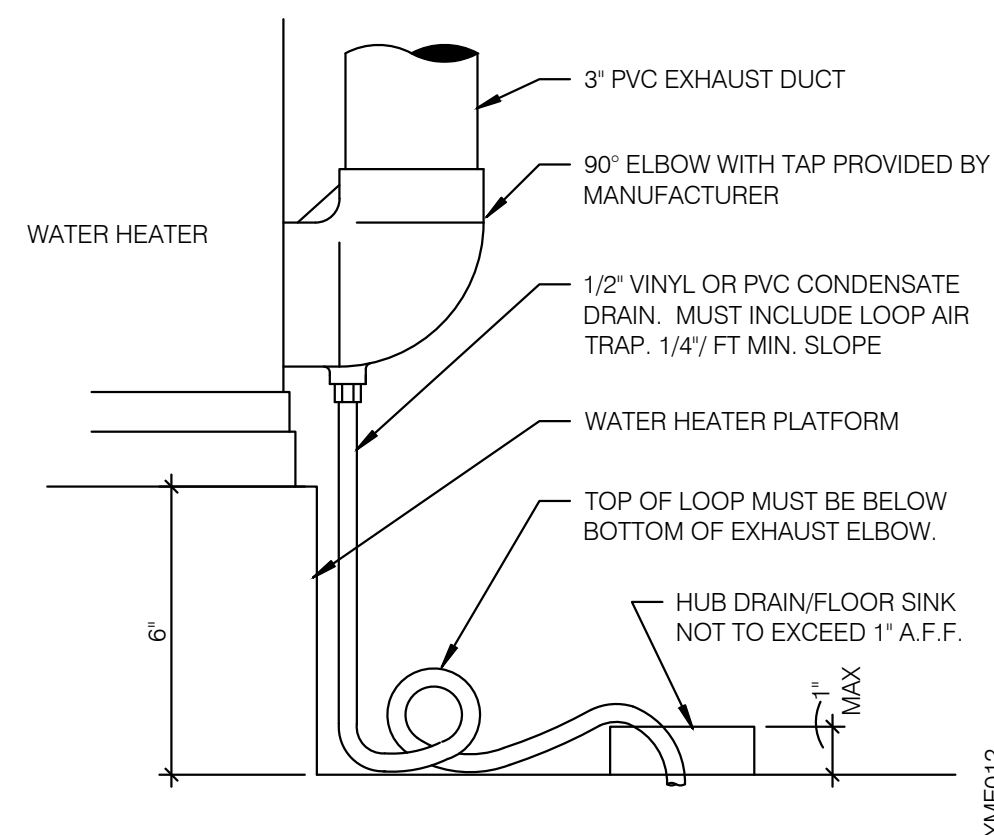


ENDEAVOR 2.0 WASTE AND VENT PLAN

P2.0

PLOT DATE: 2/21/2022

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



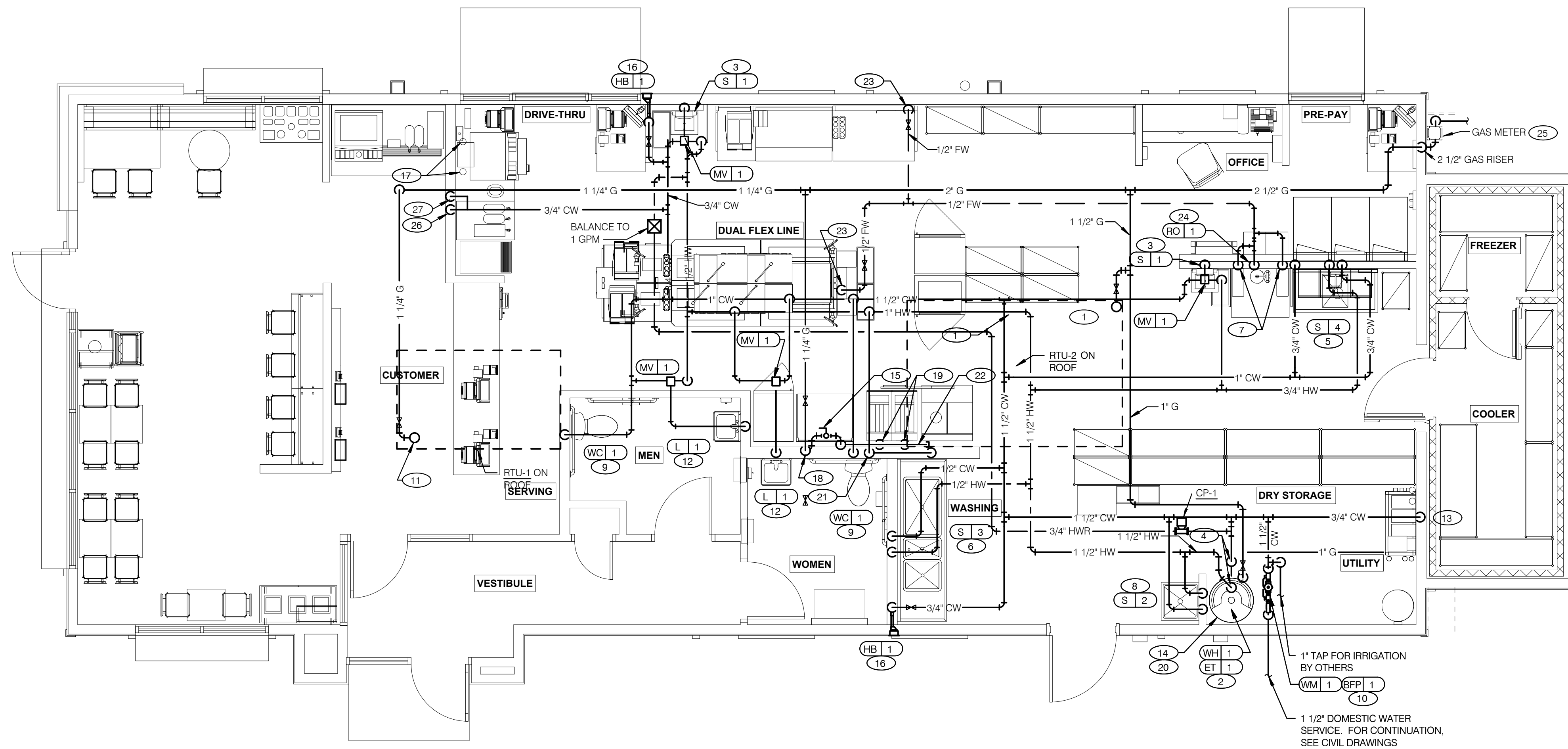
WATER HEATER CONDENSATE DETAIL NTS **4**

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

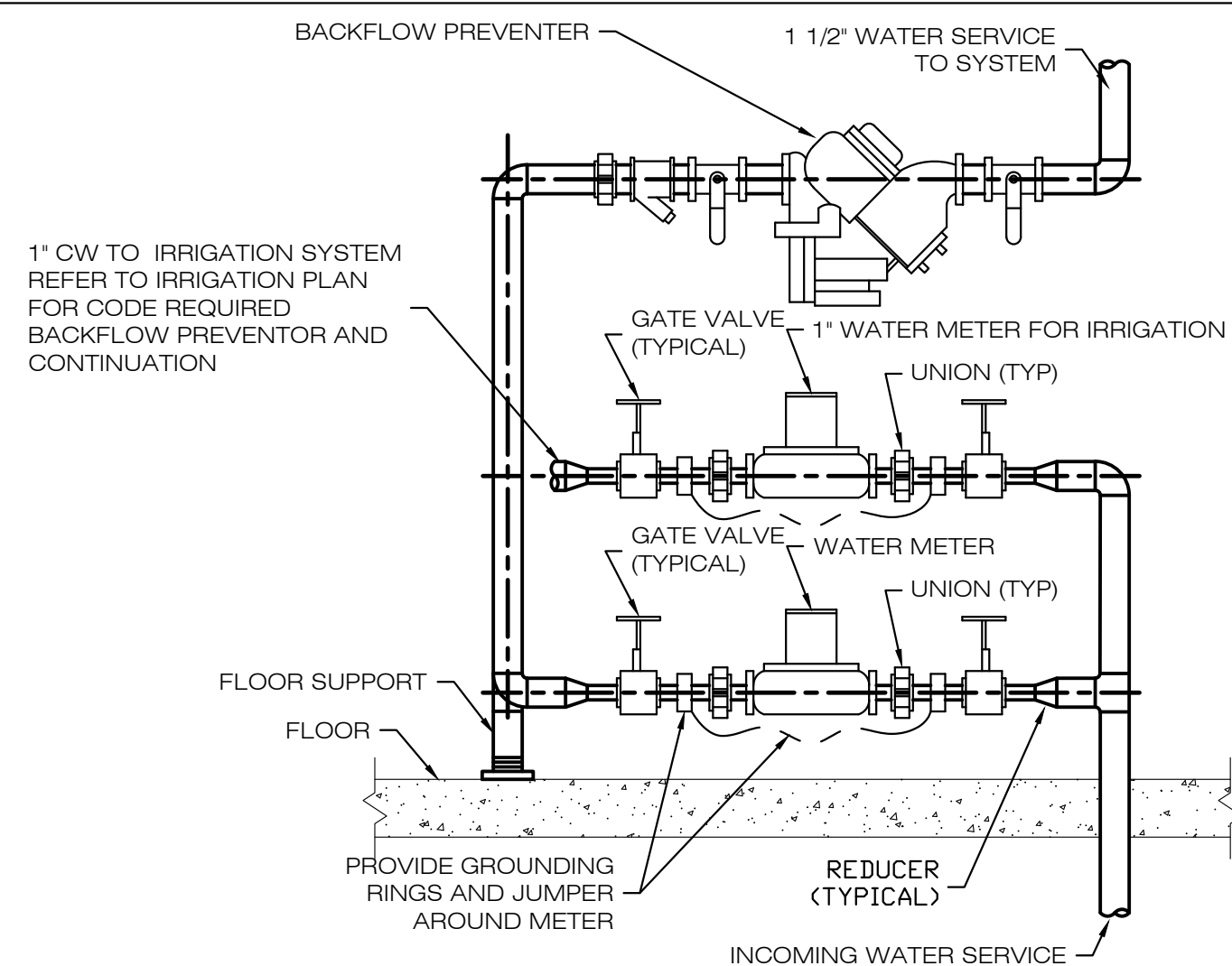
WASTE & VENT PLAN NOTES NTS **3**

- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- 2 PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS. PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS. PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5 RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 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 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- 11 ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.

KEYNOTES - WASTE AND VENT NTS **2**



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.
- F. PROVIDE A VENTED DOUBLE CHECK VALVE (ASSE 1022) BACKFLOW PREVENTION DEVICE TO SERVE HOT WATER DISPENSER(P-452), ICED TEA BREWERS(S-546), COFFEE BREWER(P-147) AND CHEESE MELTER(C-254). PROVIDE A BACKFLOW PREVENTION DEVICE AT EACH PIECE OF EQUIPMENT. 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" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.
- 8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .
- 10 REDUCED PRESSURE BACKFLOW PREVENTER LOCATED PER LOCAL UTILITY REQUIREMENTS. PIPE RELIEF TO HUB SINK.
- 11 1-1/4" (240 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-540.
- 14 WATER HEATER (WH-1). PIPE CONDENSATE LINE. T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.0.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.
- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-739. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN IN WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC EXHAUST AND INTAKE FLUES THROUGH WATER HEATER. PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 2/P6.0.
- 21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER. PROVIDE A PRESSURE TYPE VACUUM BREAKER(ASSE 1056) OR A REDUCED PRESSURE ZONE(RPZ, ASSE 1013) BACKFLOW PREVENTION DEVICE.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-079 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR ICED TEA BREWER S-546. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.
- 27 1/2" COLD WATER. CONNECT TO WATER FILTER FOR COFFEE BREWER P-147. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.

KEYNOTES - WATER AND GAS NTS

2



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PROJECT # 21017

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PLAN VERSION: MARCH 2021

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GREAT LAKES TACO, LLC

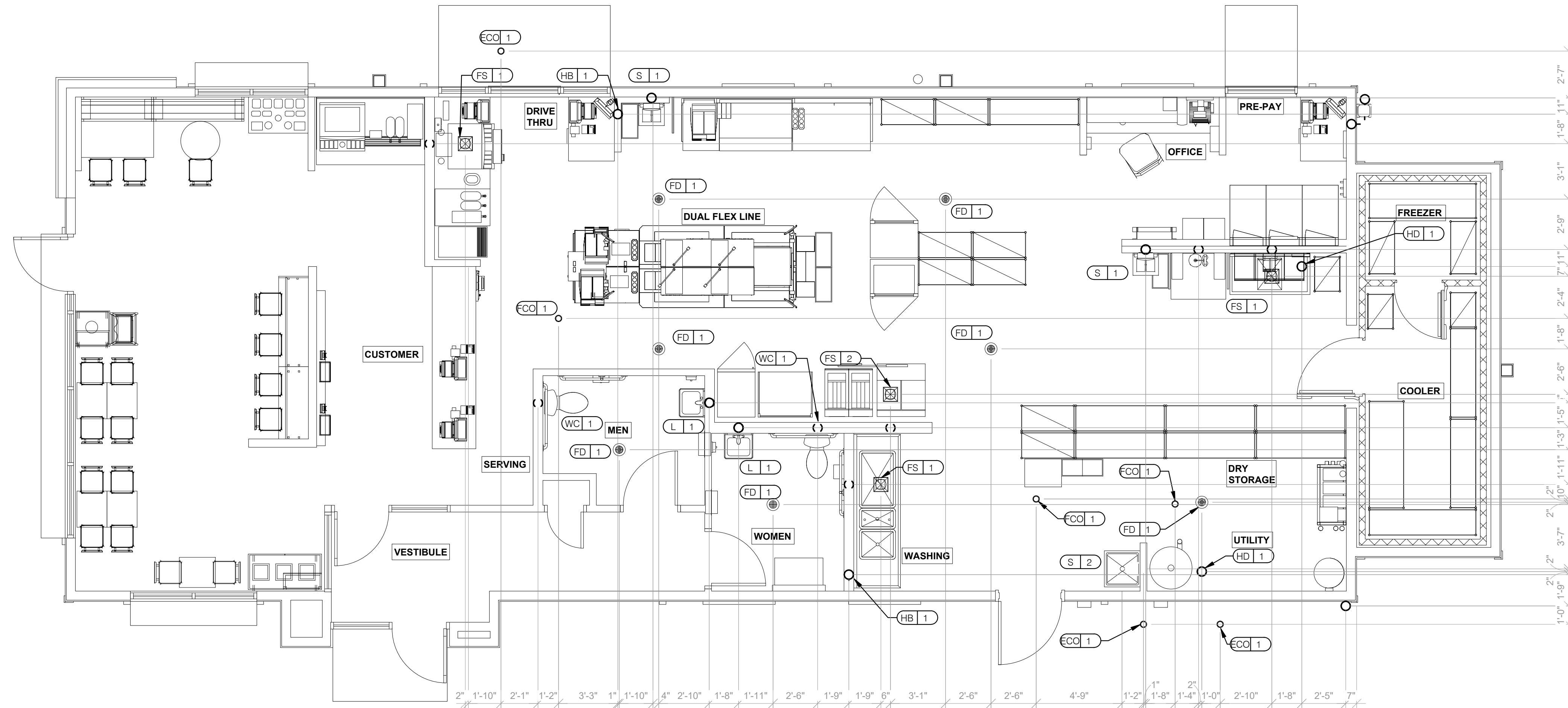
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 WATER AND GAS PLAN

P3.0

PLOT DATE: 2/21/2022



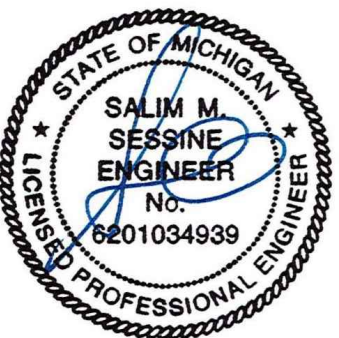
PLUMBING ROUGH-IN PLAN 1/4" = 1'-0" **1**

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK			--	S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	--
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F.	--
HD 1	HUB DRAIN			--	S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 1	WATER HEATER	CW		--	WCO 1	WALL CLEAN OUT			--
WH 1	WATER HEATER	G	+15' A.F.F.	--	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					
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-107	REHERMALIZER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--	E-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.	

PLUMBING ROUGH-IN SCHEDULE NTS **3**

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

PLUMBING ROUGH-IN NOTES NTS **2**



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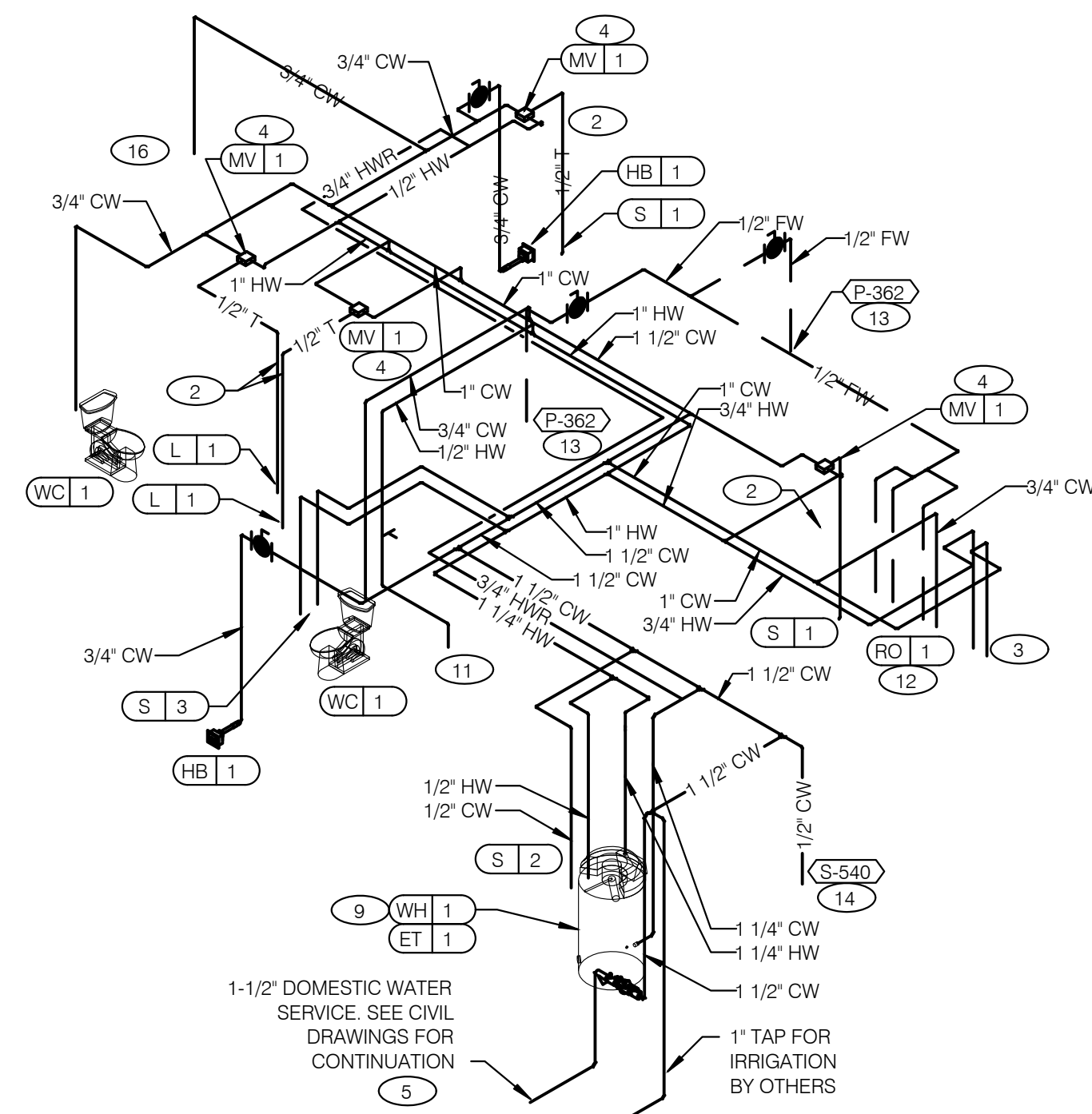
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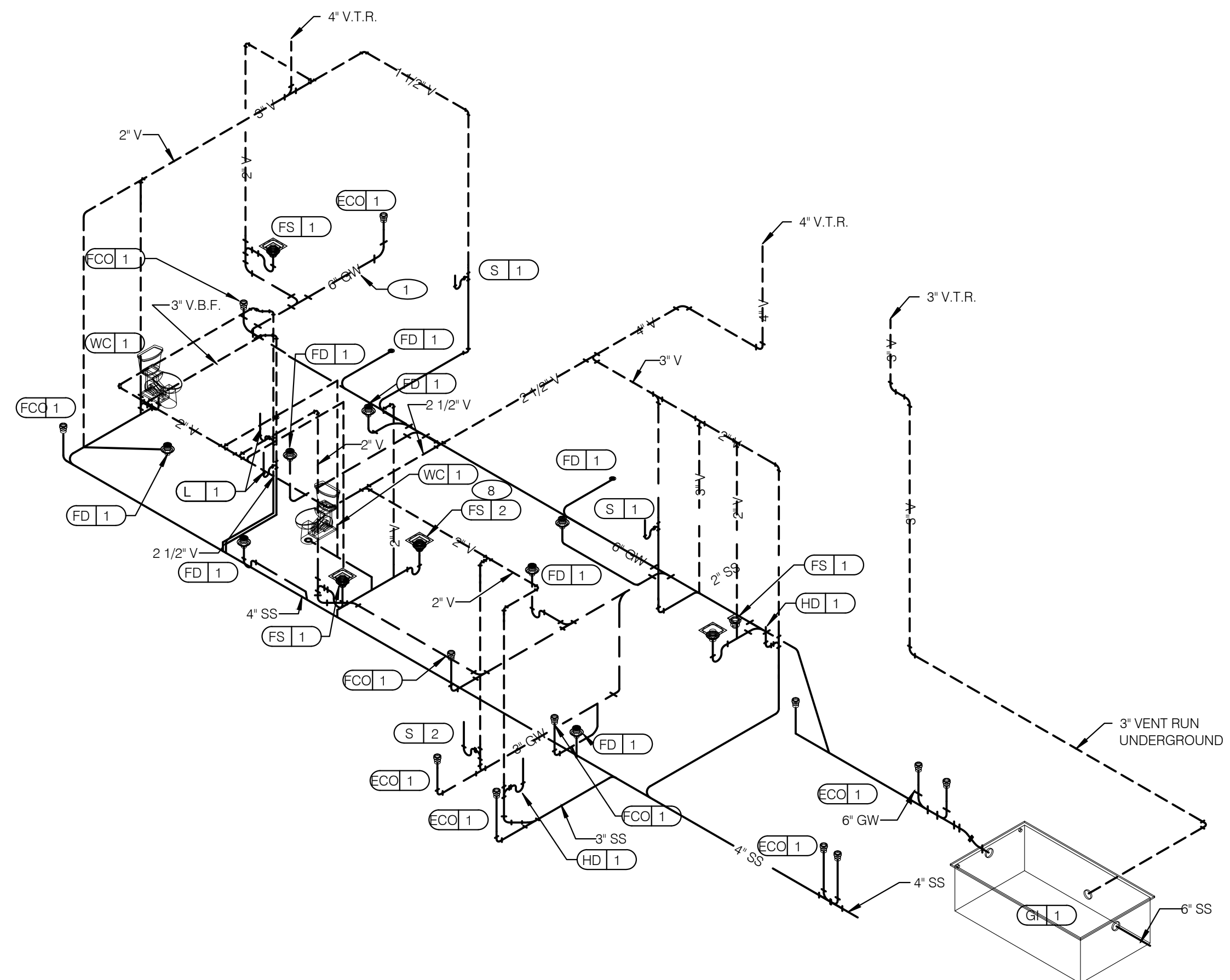
ENDEAVOR 2.0
PLUMBING
ROUGH-IN PLAN

P4.0

PLOT DATE: 2/21/2022



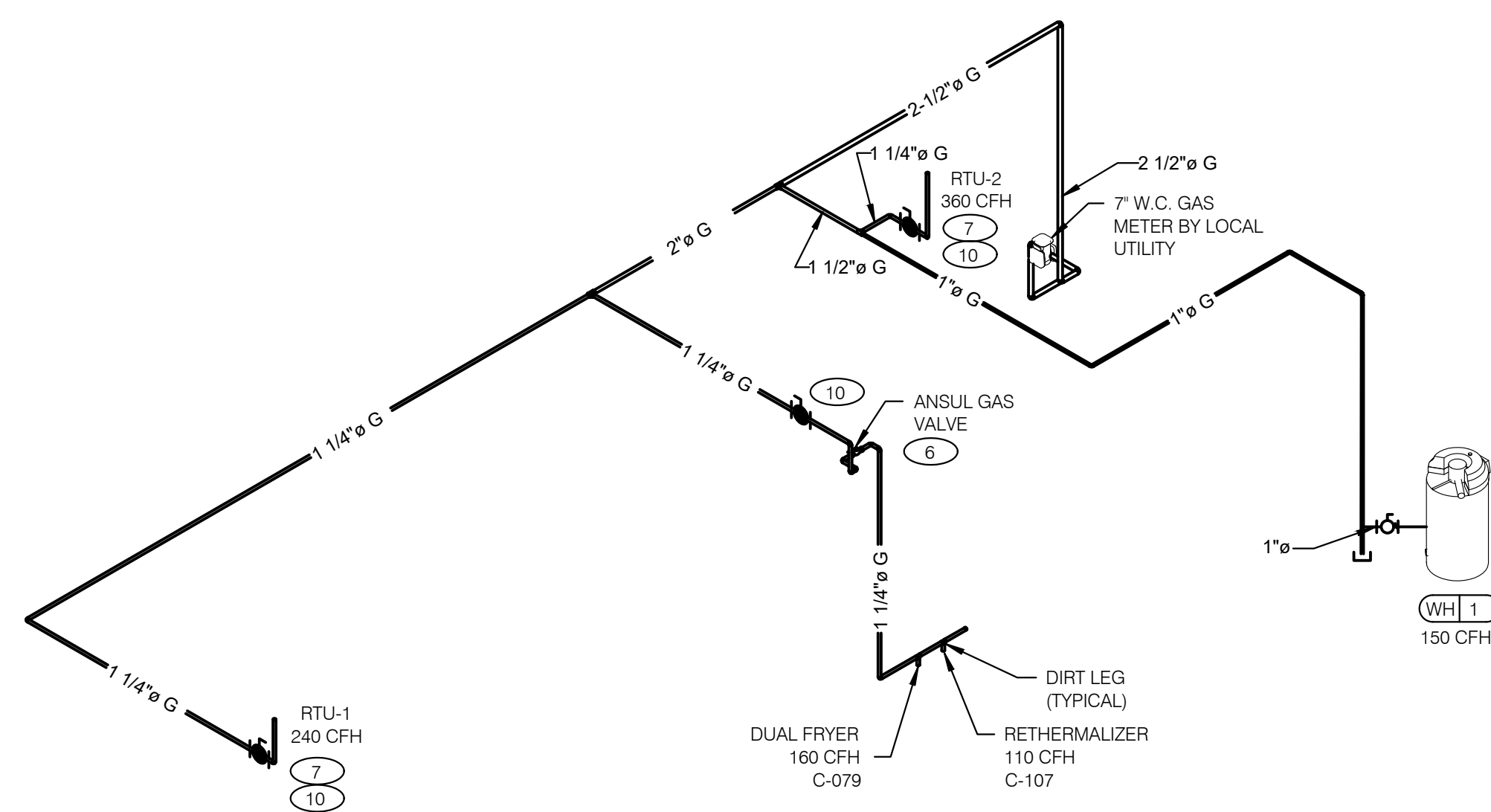
WATER ISOMETRIC NTS **4**



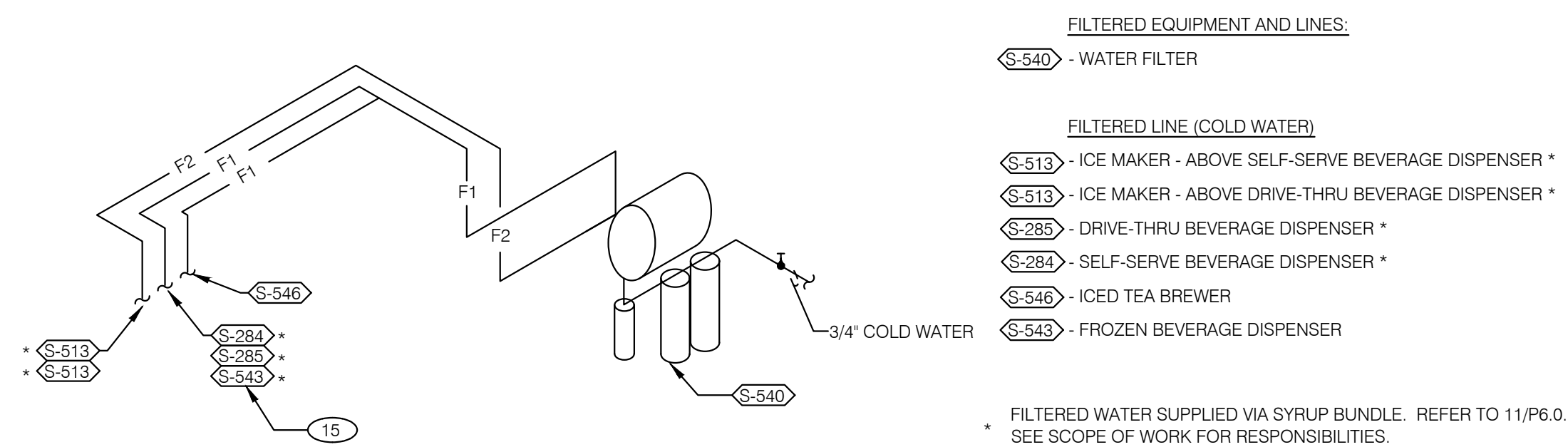
WASTE AND VENT ISOMETRIC NTS **1**

GAS DEMAND SCHEDULE	
RTU-1	240 CFH
RTU-2	360 CFH
WH-1	150 CFH
DUAL FRYER	160 CFH
REHERMALIZER	110 CFH
TOTAL DEMAND 1020.0 CFH = 1,020,000 BTUH	
NOTE: COORDINATE GAS DEMAND REQUIREMENTS WITH SITE-SPECIFIC RTU DESIGN.	

PIPE SIZE BASED ON 120' OF PIPE AND 7" W.C. OPERATING PRESSURE



GAS ISOMETRIC NTS **5**



FILTERED WATER ISOMETRIC NTS **2**

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.
- 2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
- 3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 4 THERMOSTATIC MIXING VALVE.
- 5 REDUCED PRESSURE BACK-FLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. 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 REHERMALIZER.
- 12 1/2" COLD WATER CONNECT TO REVERSE OSMOSIS FILTER AND 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF ON CW PIPE PRIOR TO CONNECTION TO FILTER.
- 13 1/2" RO WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF M.A.P.S. LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.
- 14 1/2" COLD WATER TO HOT WATER SYSTEM FILTER.
- 15 TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.
- 16 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.

KEYNOTES - ISOMETRICS NTS **3**



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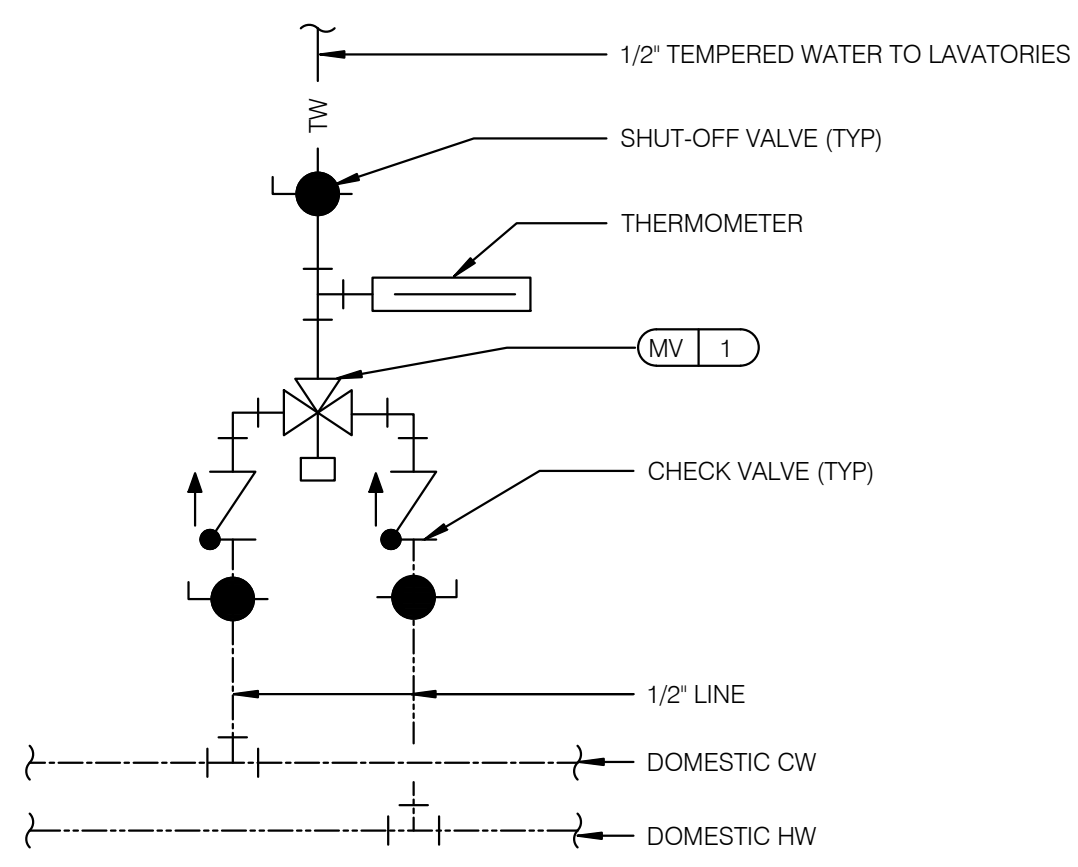
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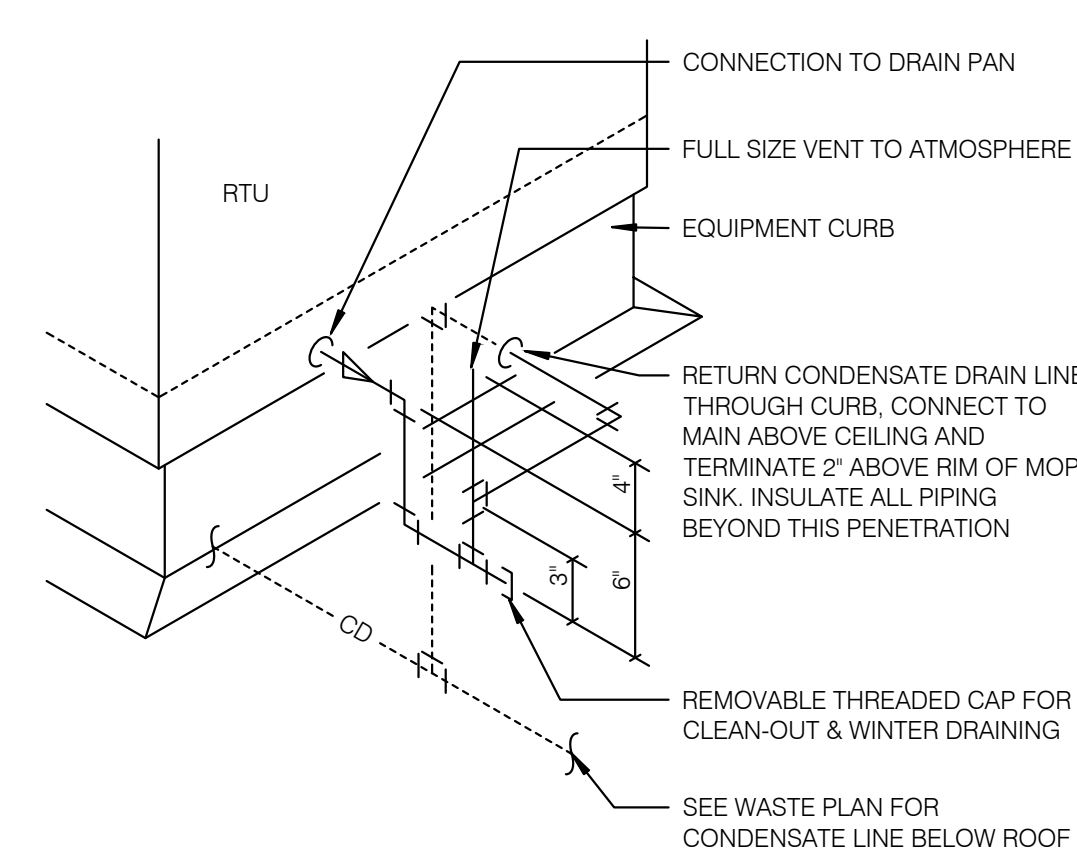
ENDEAVOR 2.0 RISER DIAGRAMS

P5.0

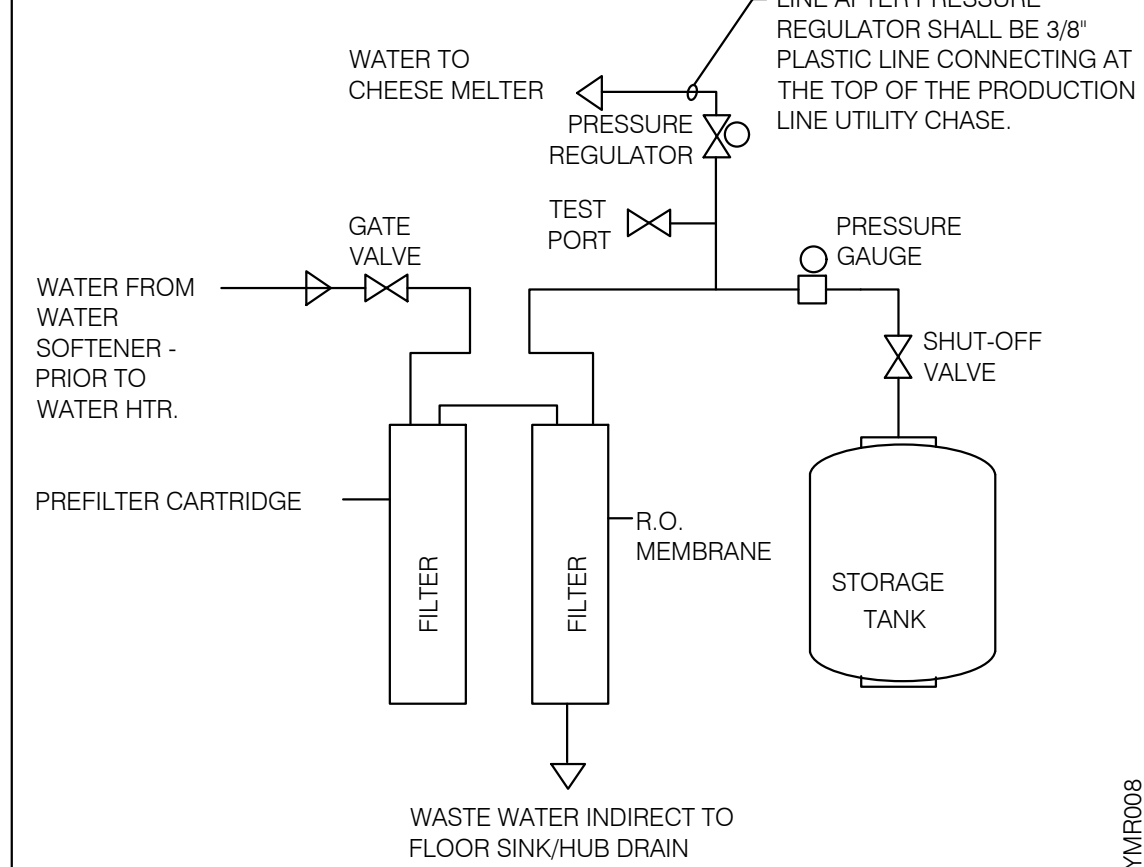
PLOT DATE: 2/21/2022



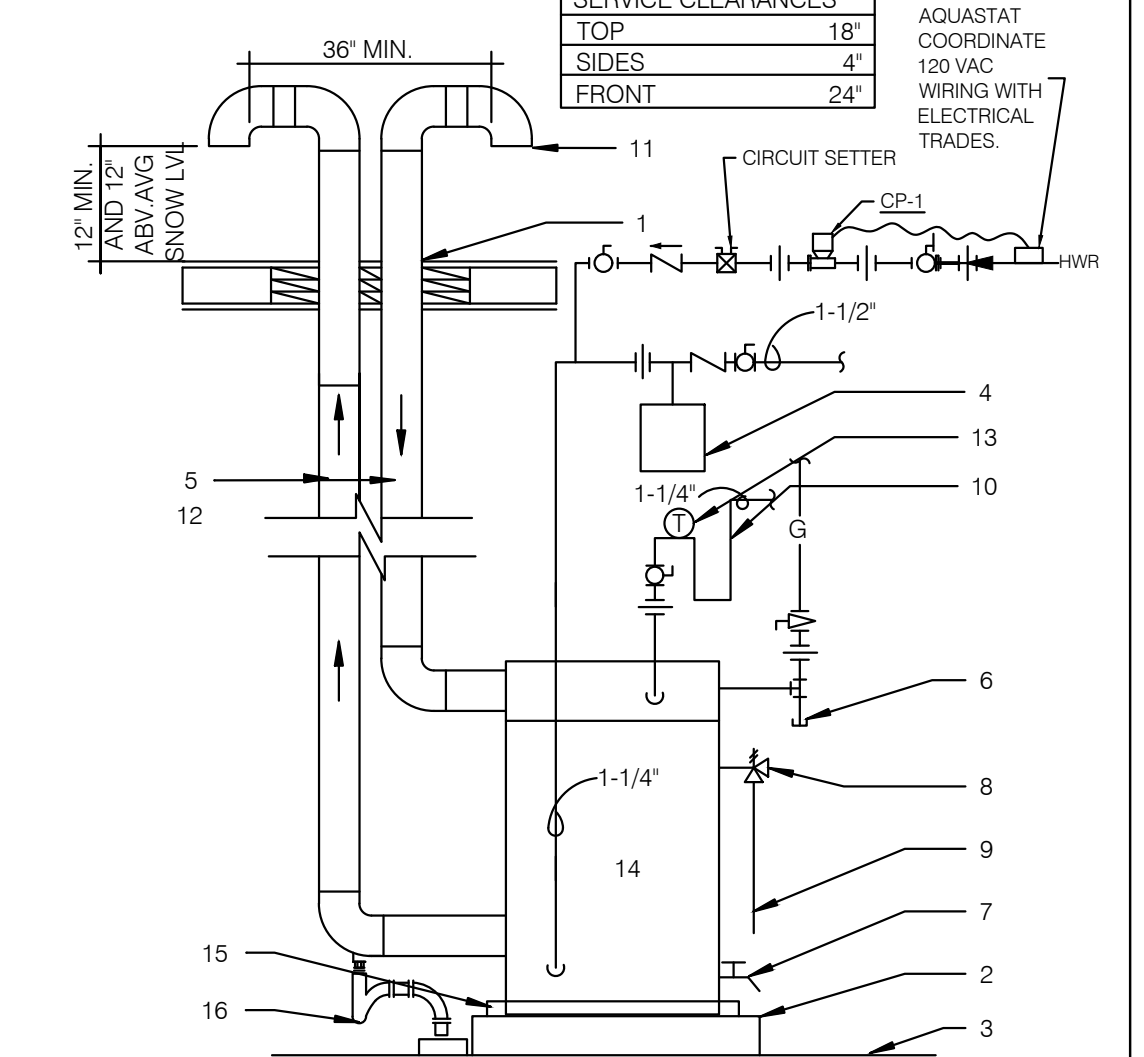
TEMPERING VALVE NTS **11**



RTU CONDENSATE NTS **10**

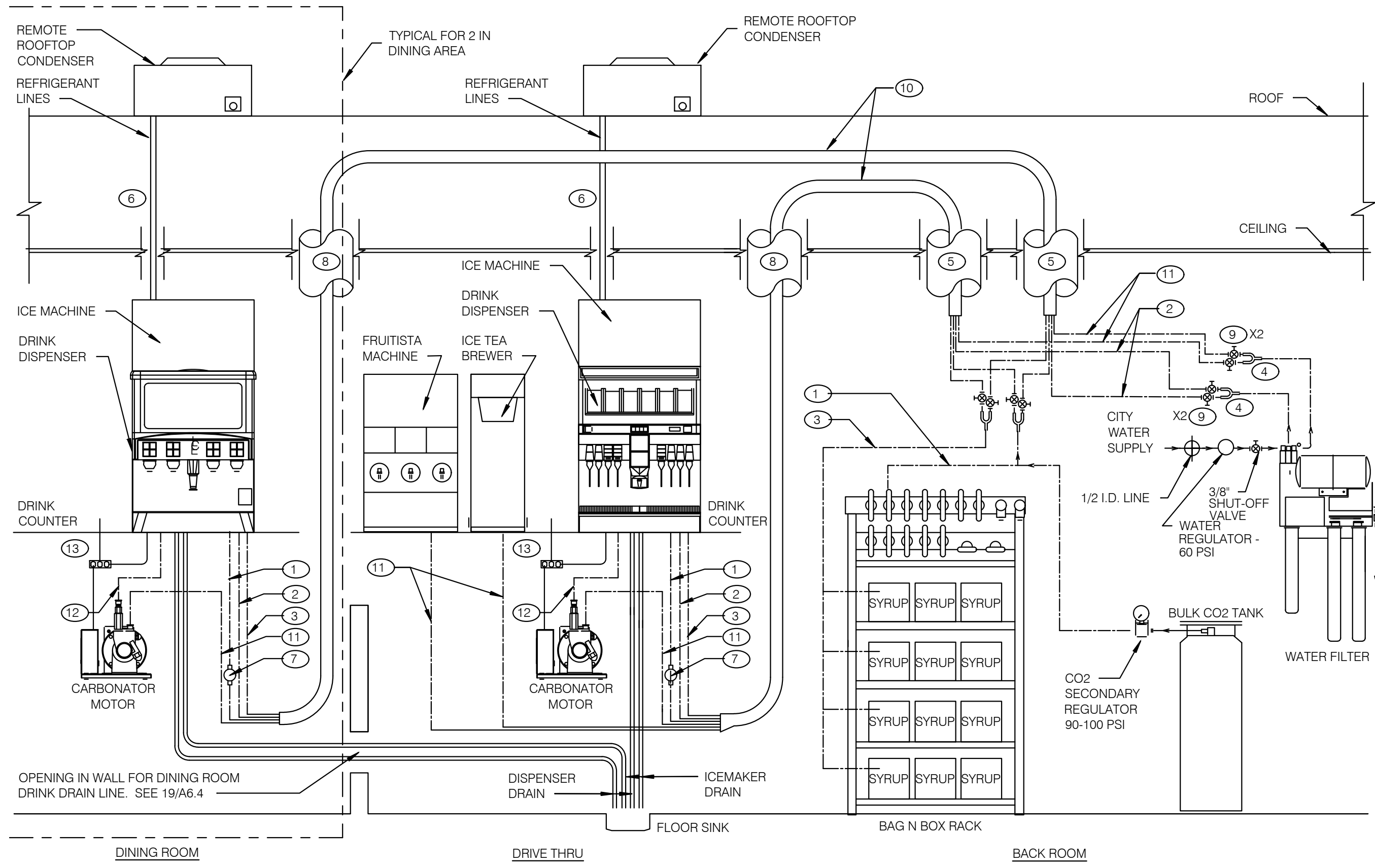


REVERSE OSMOSIS SYSTEM NTS **9**



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

WATER HEATER NTS **2**



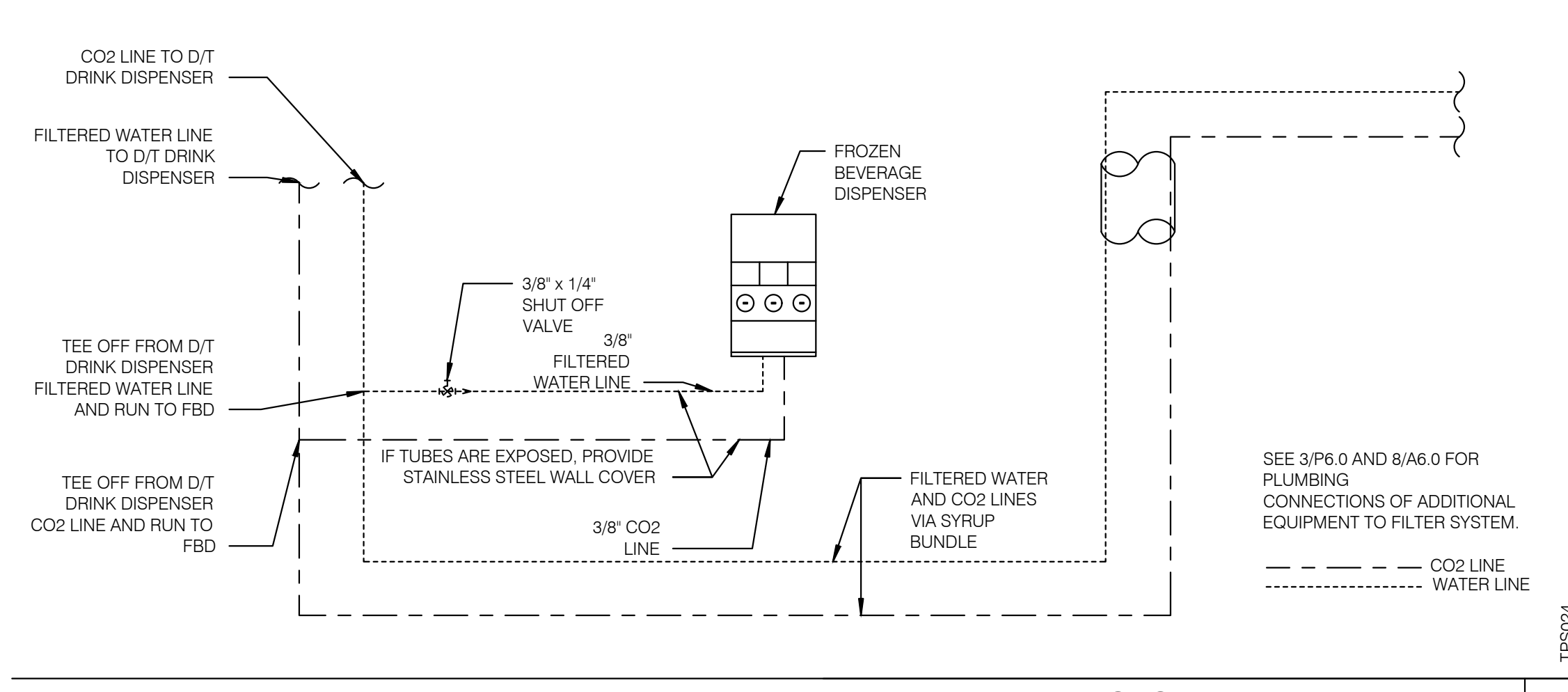
- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
 - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 - FILTER SHALL BE PROTECTED AGAINST FREEZING.
 - USE ONLY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

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

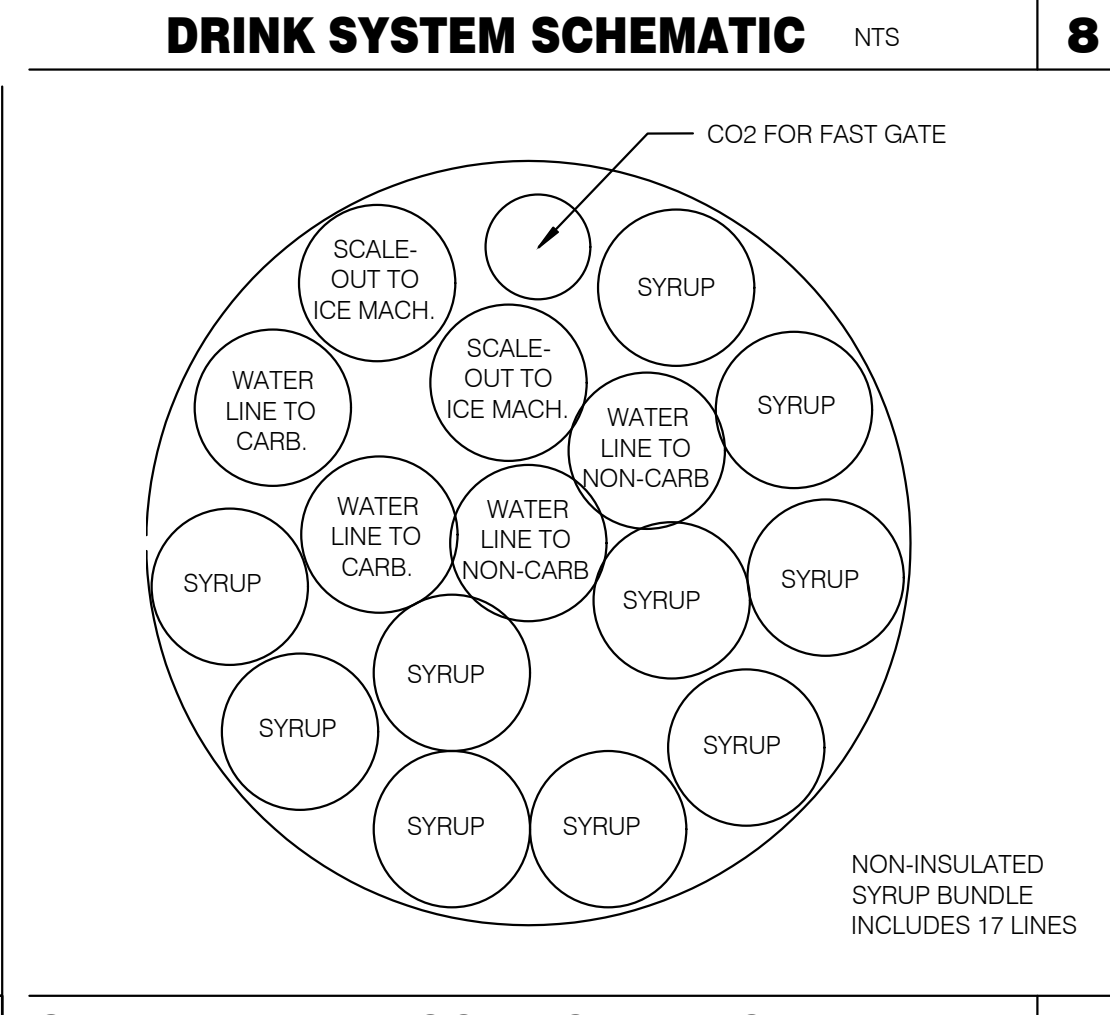
INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

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

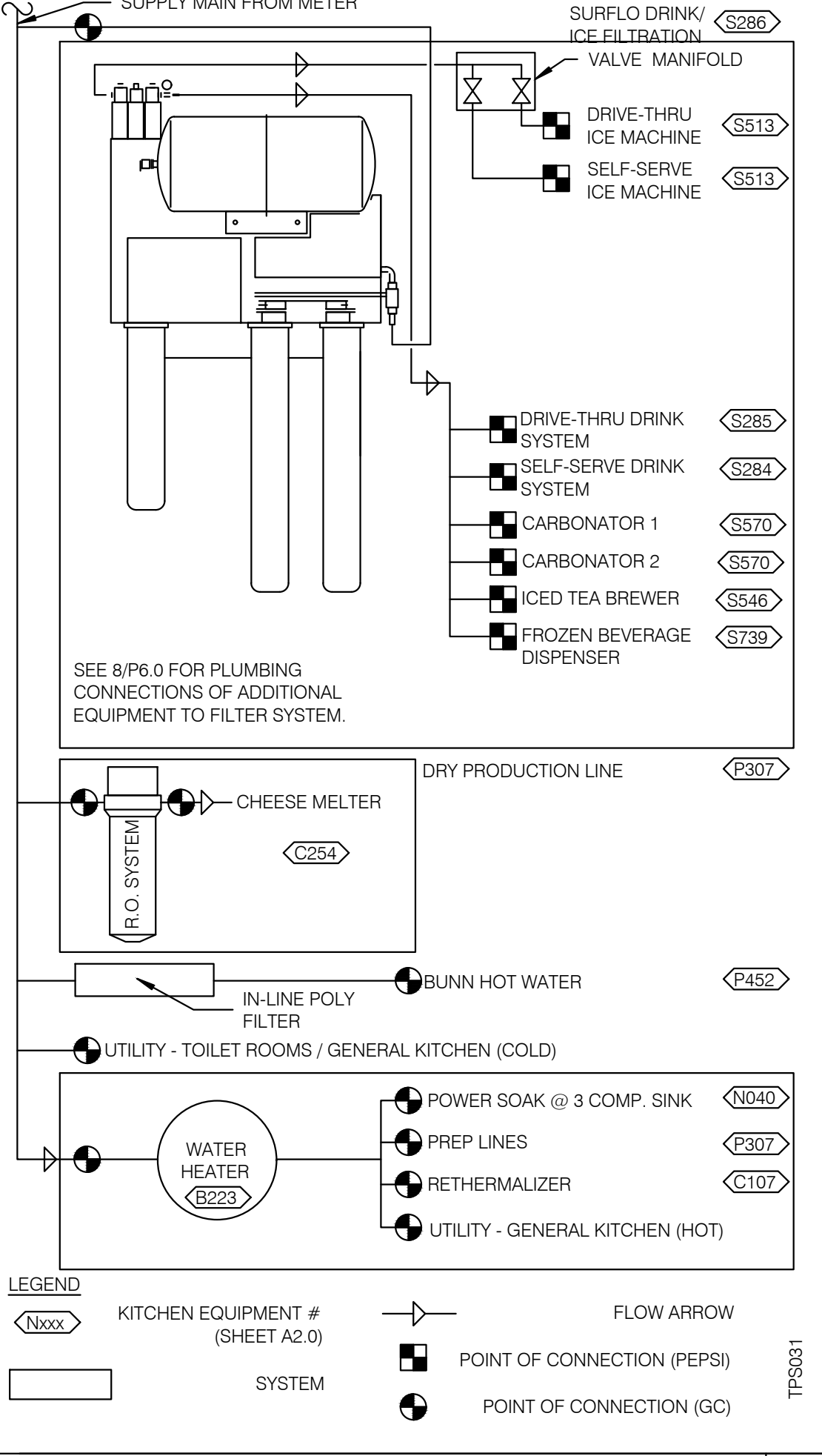
- KEY NOTES:**
- 1 3/8" CO₂ LINE
 - 2 3/8" FILTERED WATER LINE - ICE MACHINES
 - 3 3/8" SYRUP LINES
 - 4 1/2" X 3/8" X 3/8" Y*
 - 5 BUNDLED TUBING CEILING PENETRATION.
 - 6 STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - 7 PRE-SET CO₂ REGULATOR
 - 8 RECESSED 4" DIA. PVC VERTICAL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



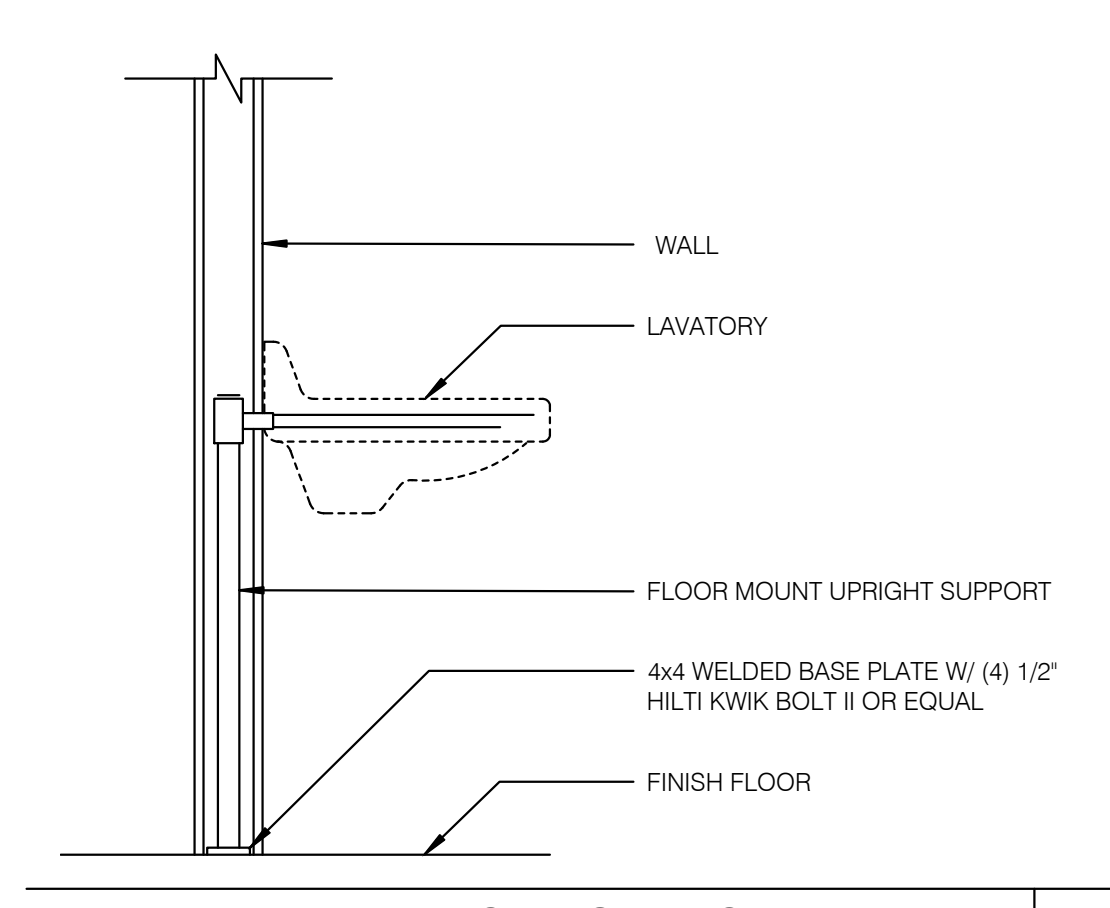
FBD DRINK SYSTEM DETAIL NTS **7**



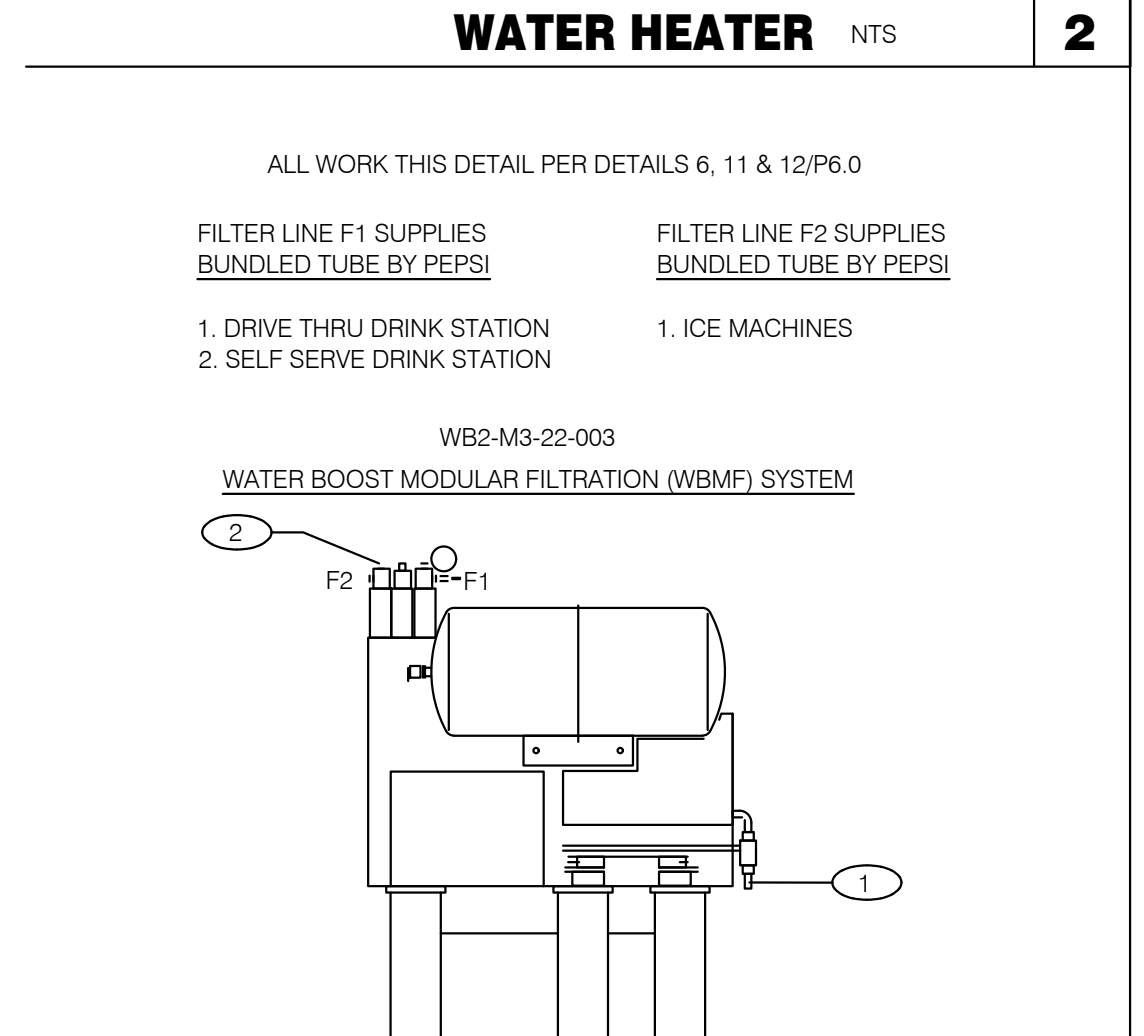
SYRUP BUNDLE CONFIGURATION NTS **6**



WATER FILTRATION SCHEMATIC NTS **3**



LAVATORY SUPPORT NTS **5**



- ALL WORK THIS DETAIL PER DETAILS 6, 11 & 12/P6.0
- LEGEND:
- 1 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
 - 2 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.
- GENERAL NOTES:**
- OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
 - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 - THE UNIT SHALL BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE SHT. A2.0 FOR LOCATION.

WATER FILTER SYSTEM NTS **1**



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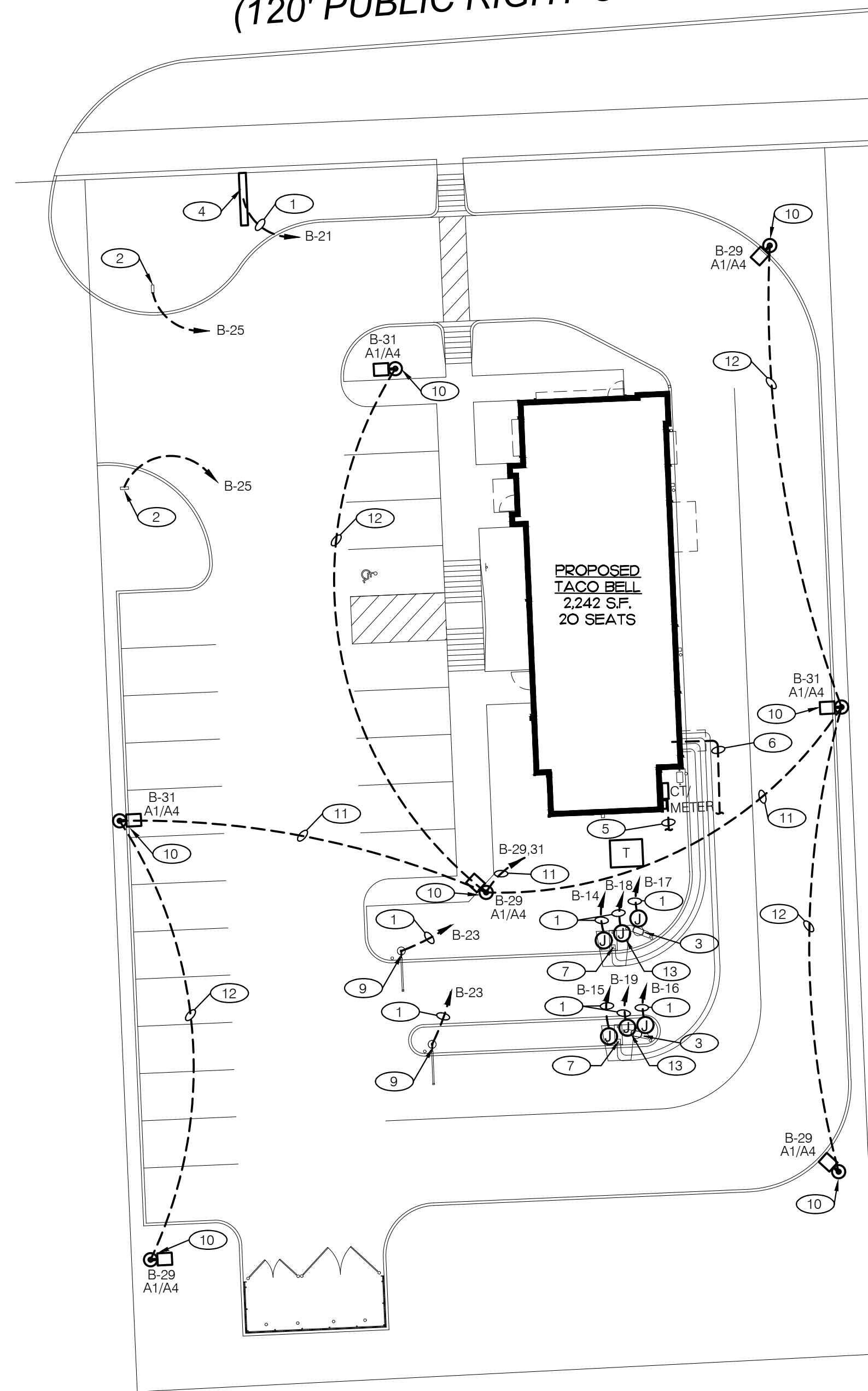


ENDEAVOR 2.0 PLUMBING DETAILS

P6.0

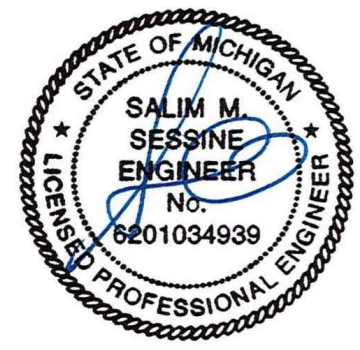
PLOT DATE: 2/21/2022

WALTON BOULEVARD (120' PUBLIC RIGHT OF WAY)



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

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



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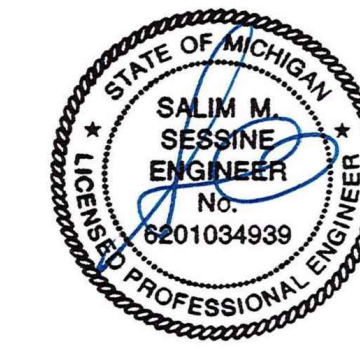
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ENDEAVOR 2.0 SITE ELECTRICAL PLAN

E1.0

PLOT DATE: 2/21/2022



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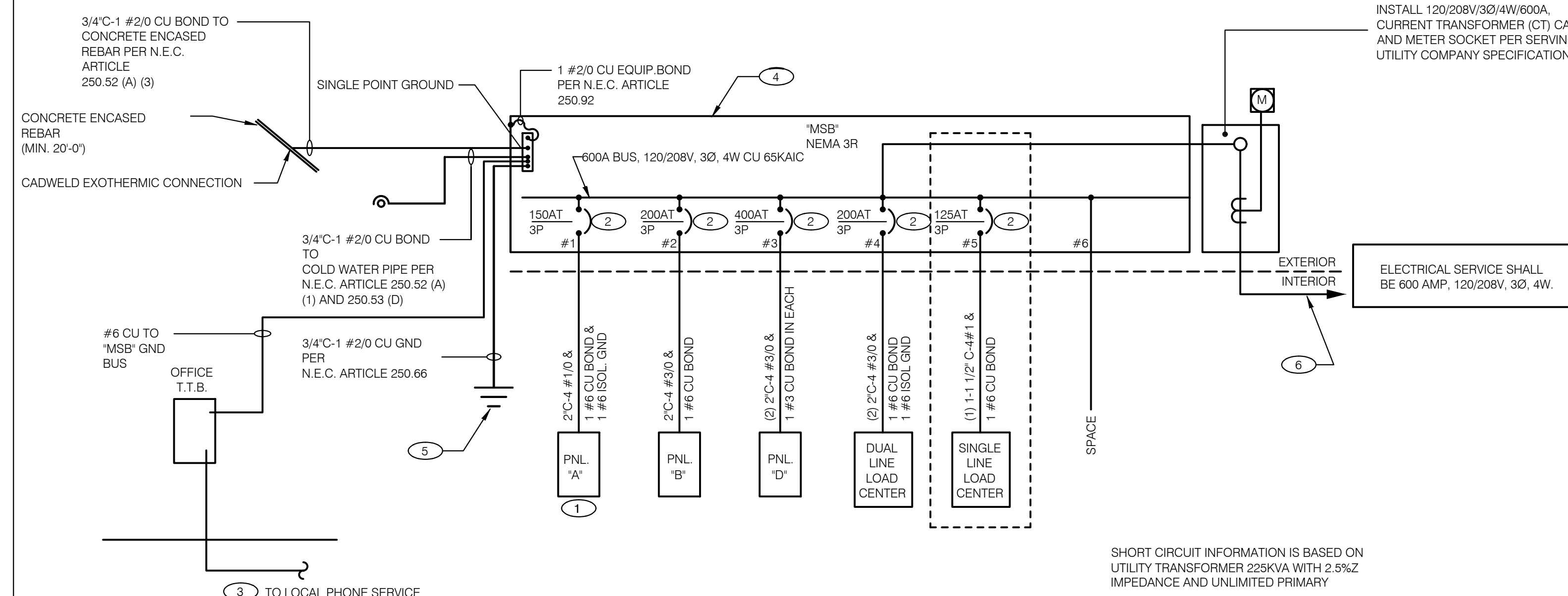
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ENDEAVOR 2.0
ELECTRICAL
ONE LINE
DIAGRAMS AND
LEGEND
E2.0

PLOT DATE: 2/21/2022



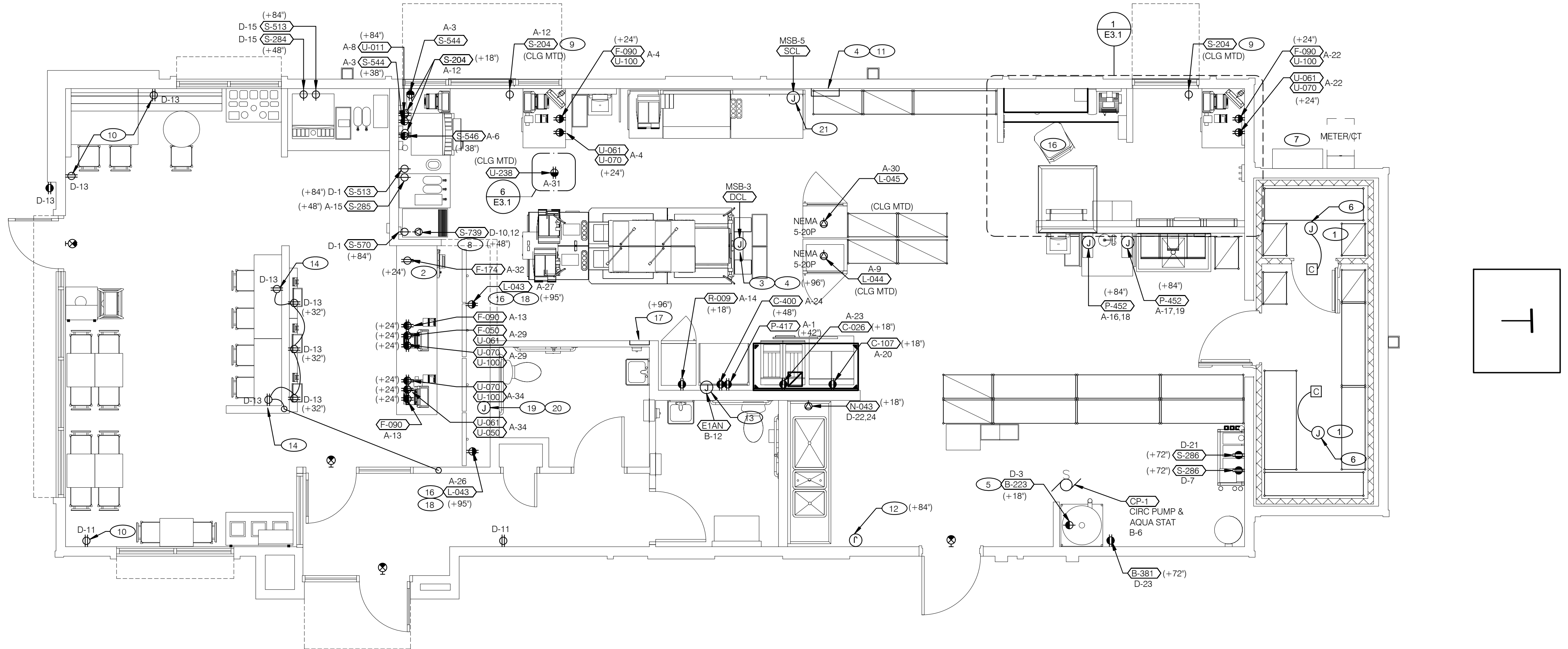
SINGLE LINE DIAGRAM NTS **A**

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

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

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

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NOTE

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

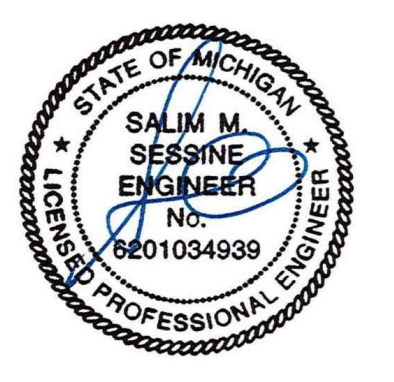
POWER PLAN 1/4" = 1'-0" **A**

- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.
- D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.
- H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.
- I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.
- K. PER SECTION 210.8(B)(2) NEC 2017, ALL 15 AND 20A, 120V AND 50A OR LESS AND 208V SINGLE AND 3 PHASE 100A OR LESS RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES.
- L. DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- M. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- N. E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
- P. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.
- Q. FOR ALL CIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL PROVIDE CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.
- R. OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
- S. CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REAR WALL.
- 3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 LOCATED INSIDE SHELL OF HEATER.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 9 CEILING MOUNTED FOR WALL MOUNTED HME. SEE 6/E3.1
- 10 PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.
- 11 VERIFY PANEL LOCATION OF COOK LINE WITH TACO BELL CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- 12 PROVIDE J-BOX FOR POWER SOAK INDICATOR LIGHT. (OPTIONAL)
- 13 VERIFY LOCATION OF JUNCTION BOX WITH CONSTRUCTION MANAGER.
- 14 E.C. SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE WITH (2) USB POWER PORTS IN SINGLE-GANG BOX PROVIDED WITH TABLE, AT EACH END OF THE TABLE. PROVIDE GALVANIZED COVER PLATE TO MATCH BOX.
- 15 NOT USED
- 16 QUAD RECEPTACLE FOR FUTURE DIGITAL MENUBOARD. TYPICAL OF 2.
- 17 2-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. MOUNT CENTER OF BOX AT 48" A.F.F.. REFER TO E7.0.
- 18 EC / GC TO INSTALL A TOTAL OF (2) QUAD OUTLETS IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE STRAIGHT BLADE. OUTLETS TO BE ON AN ISOLATED/DEDICATED GROUNDED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM.
- 19 EC / GC TO INSTALL (1) OPEN DATA JUNCTION BOX (JB) IN VALANCE WALL. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.
- 20 EC / GC TO RUN (3) ORANGE CAT 6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.
- 21 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 125 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.

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

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



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 PROJECT # 21017

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 PA/PM:
 DRAWN BY:.
 JOB NO.:

GREAT LAKES TACO, LLC
 Walton Boulevard
 Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL POWER PLAN

E3.0

PLOT DATE: 2/21/2022

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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.

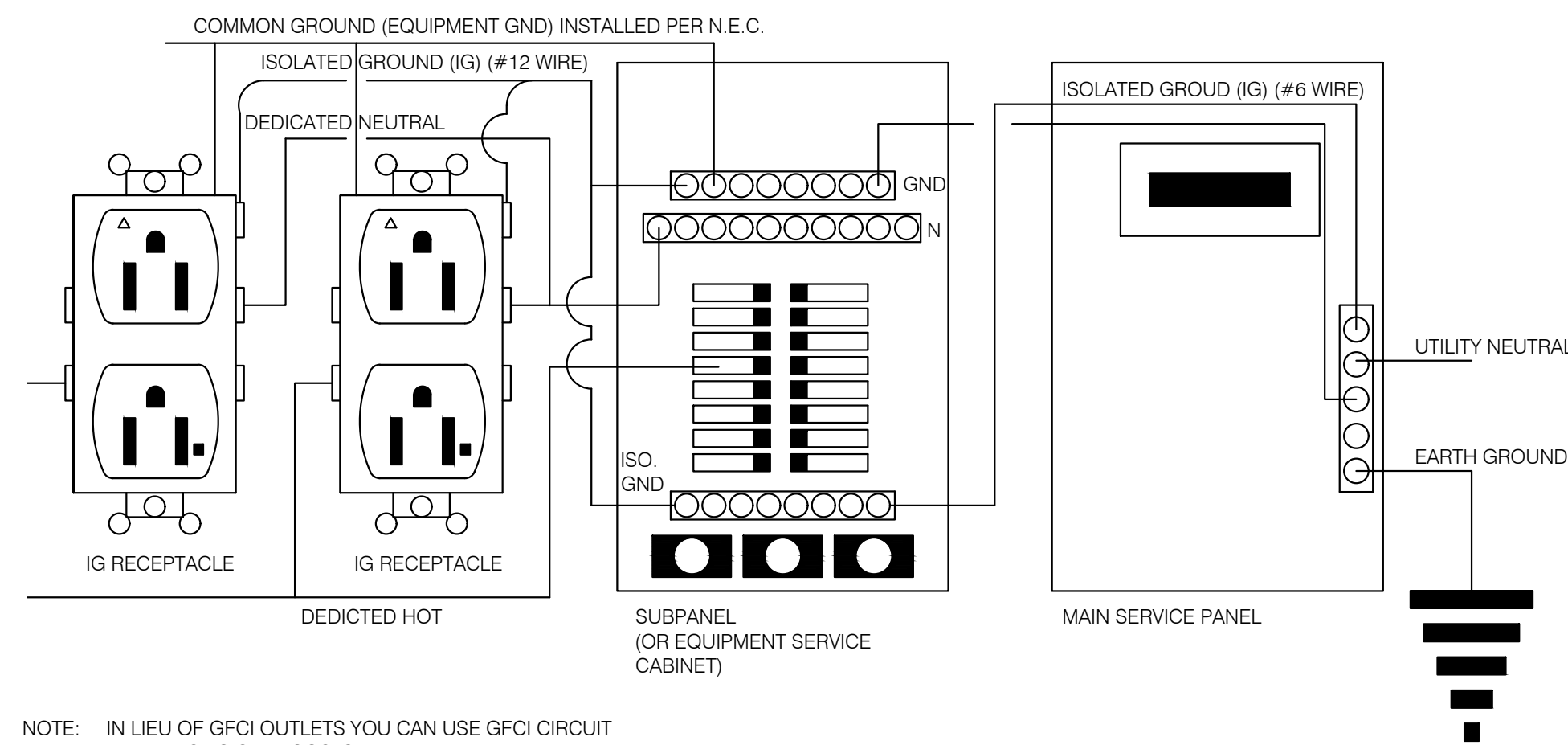
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

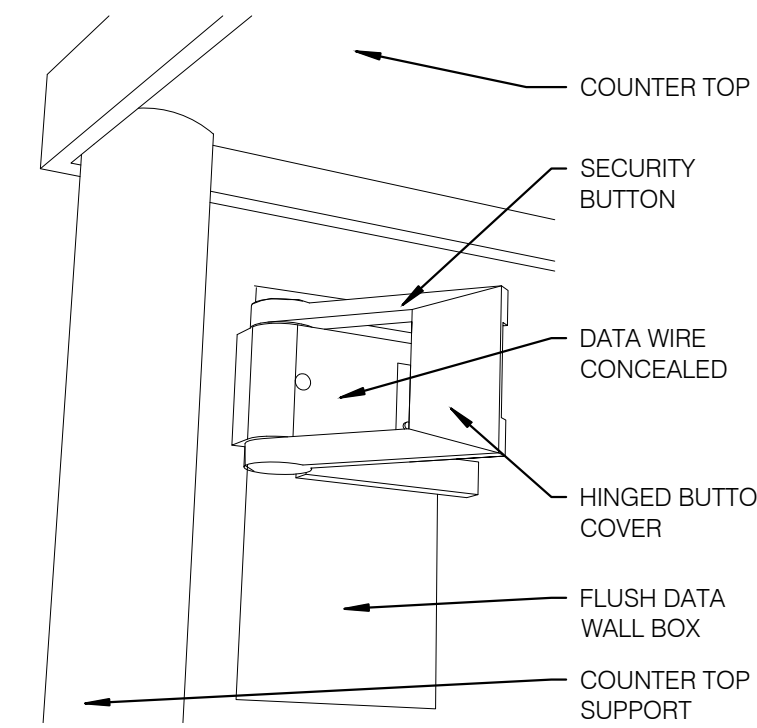
- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY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

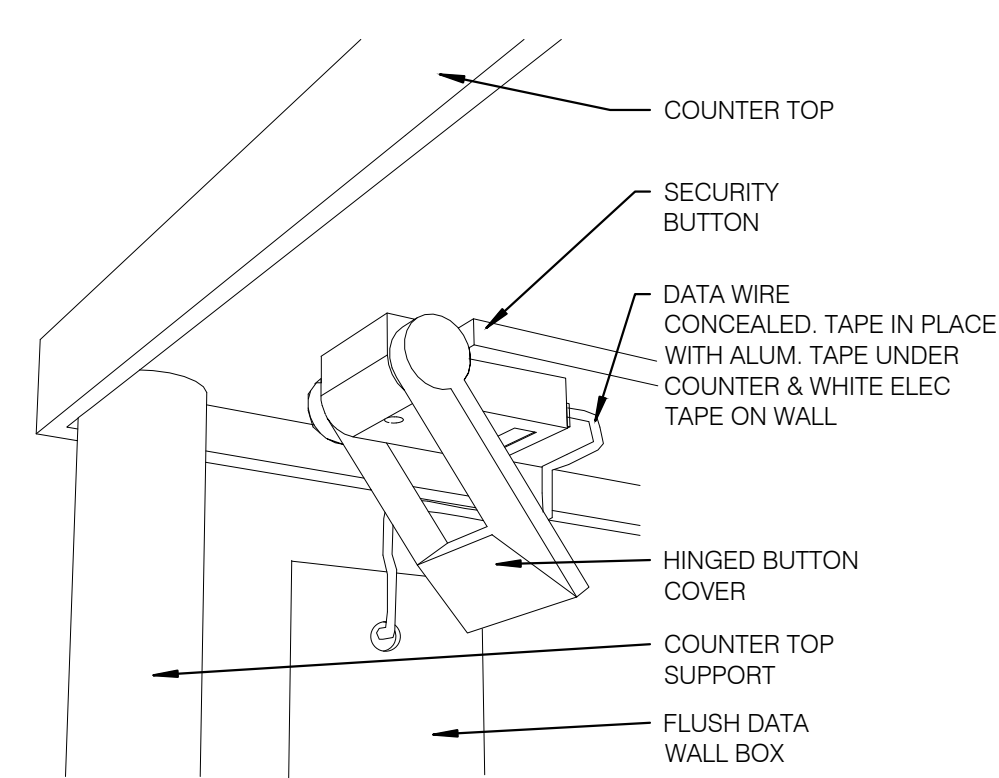
DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE PHASE ALIGNED WITH THE 'B' PHASE OF BUILDING SUBPANEL 'A'.



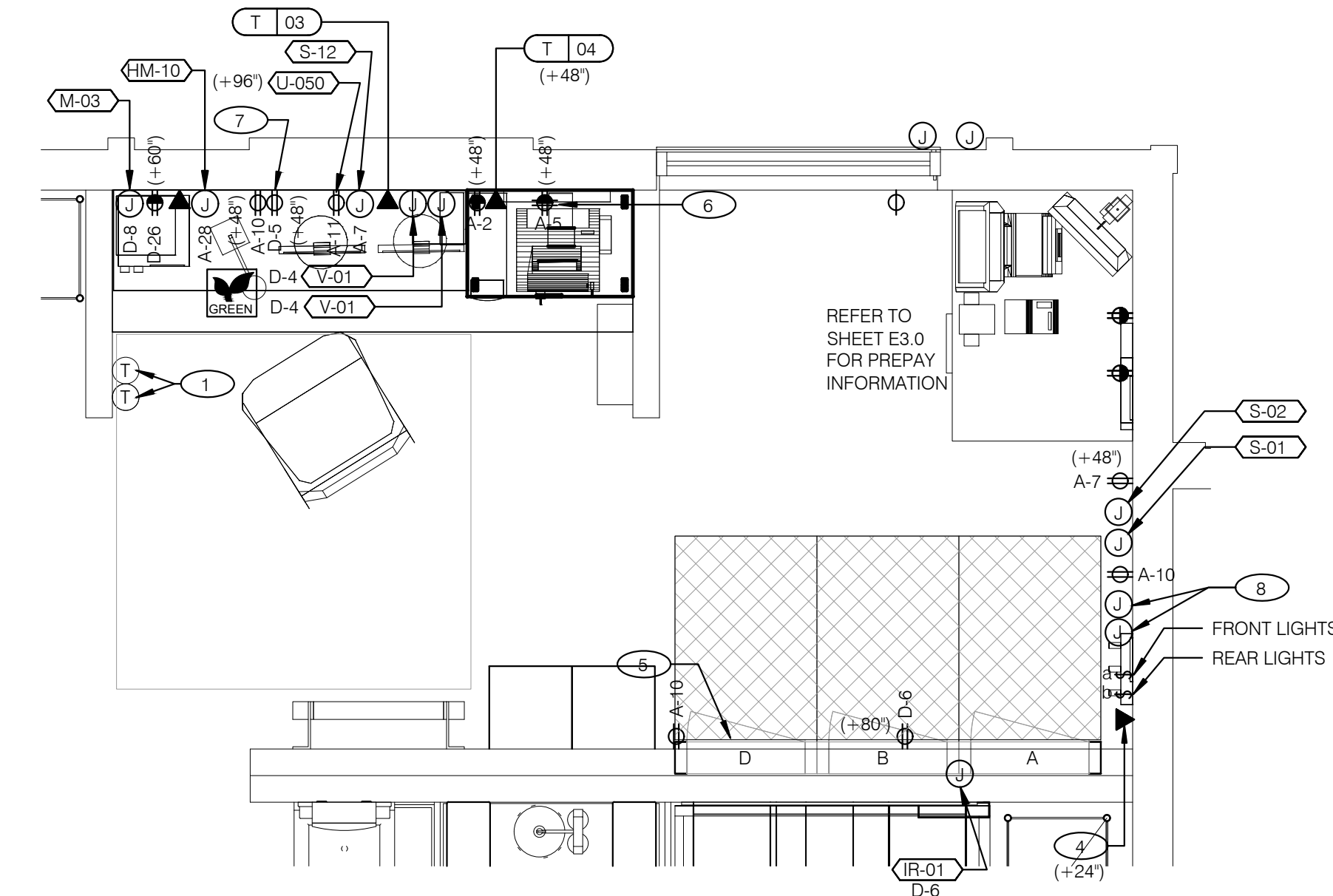
P.O.S. ISOLATED GROUND SYSTEM NTS **6**



SECURITY BUTTON ON WALL NTS **3**



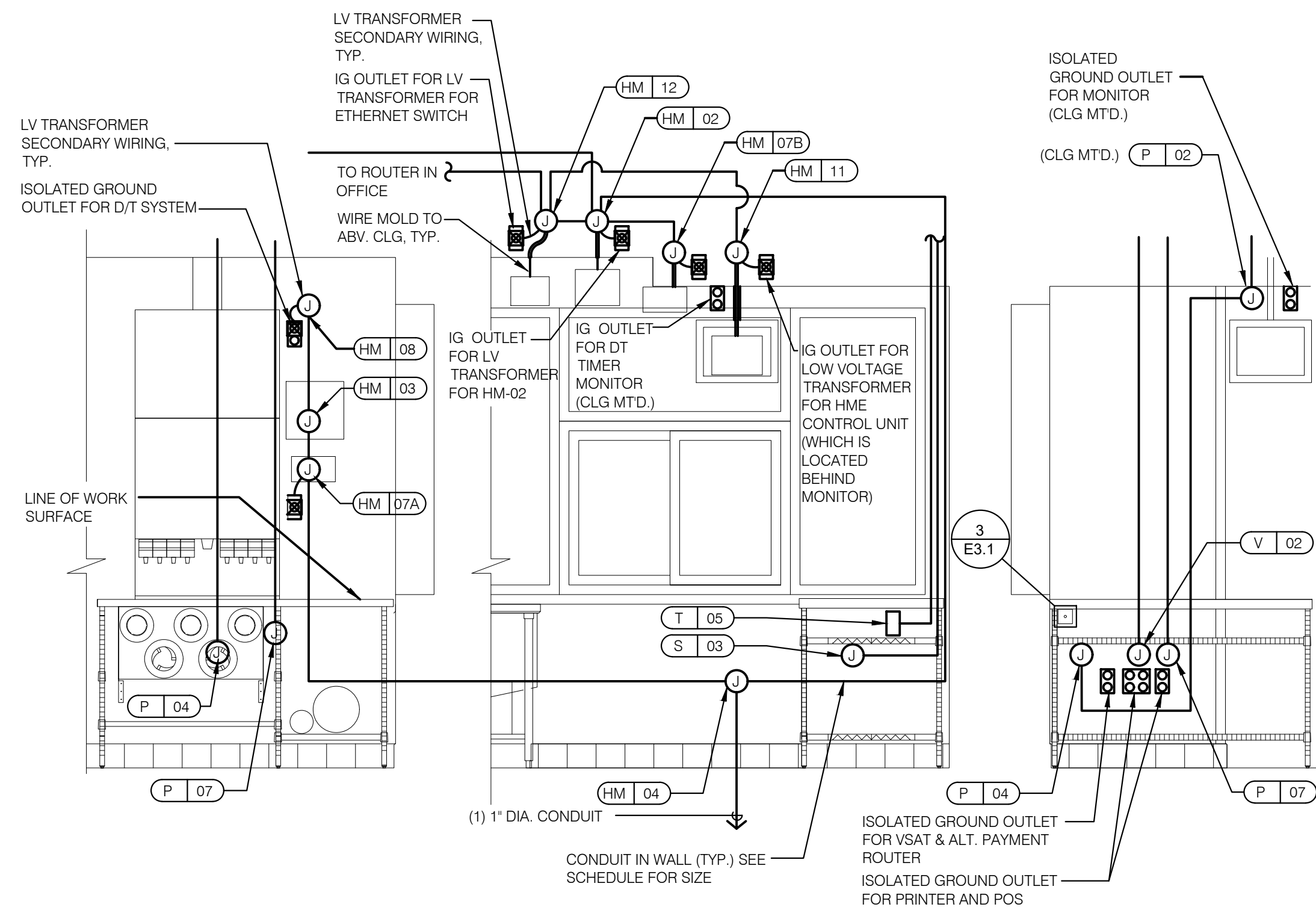
SECURITY BUTTON UNDER COUNTER NTS **4**



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

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

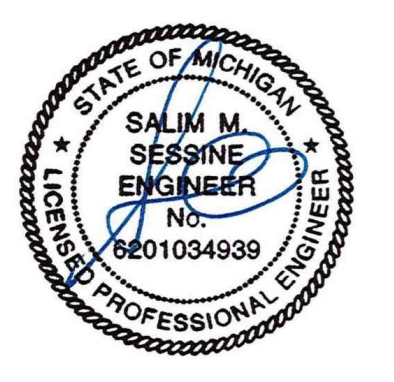
- 1 THERMOSTATS CONTROLS.
- 2 DISPLAY UNIT FOR HM-02.
- 3 DUAL-OUTPUT DETECTOR FOR HM-02.
- 4 PHONE JACK FOR MODEM.
- 5 LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN THE FIELD. CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT IN OCCUPANCY SENSOR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



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

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

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



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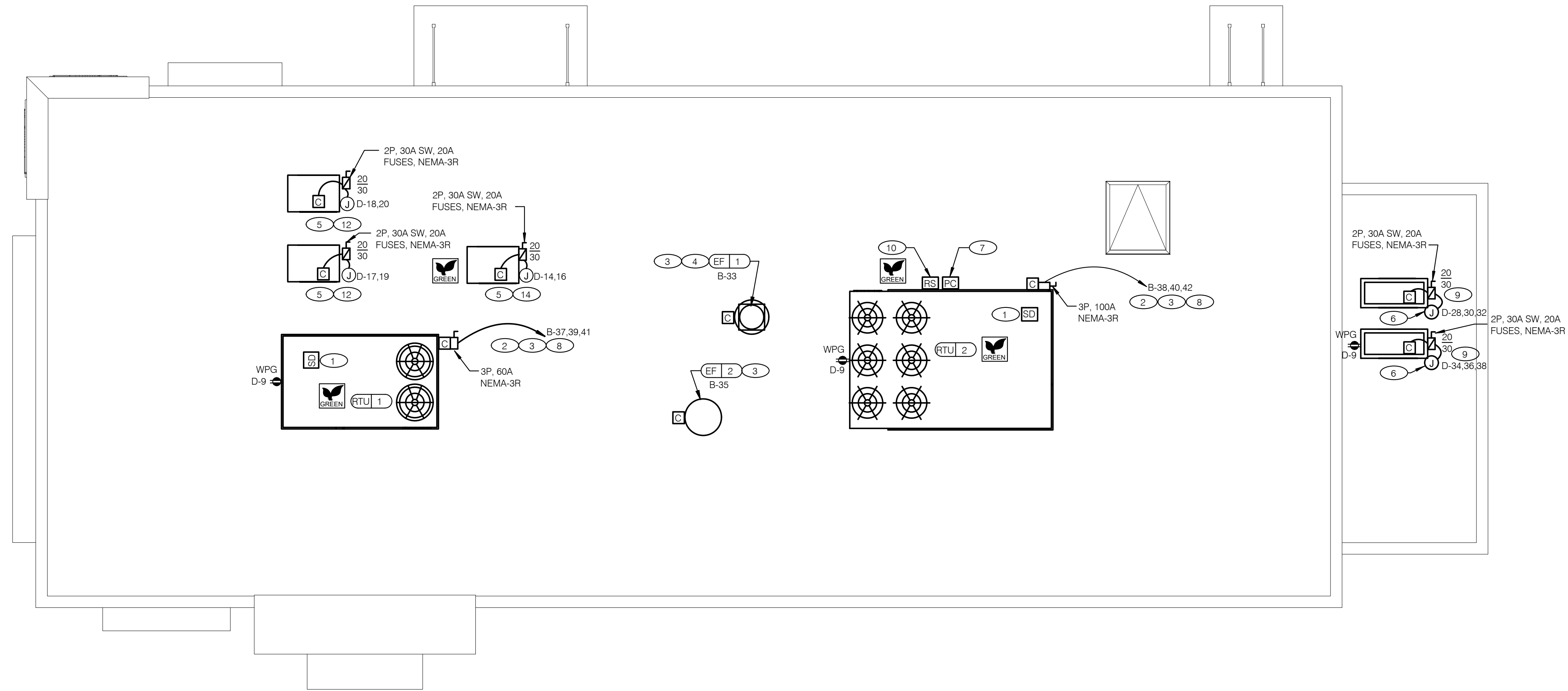
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ENDEAVOR 2.0
ENLARGED POWER PLAN AND DETAILS

E3.1

PLOT DATE: 2/21/2022



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ENDEAVOR 2.0 ELECTRICAL POWER ROOF PLAN

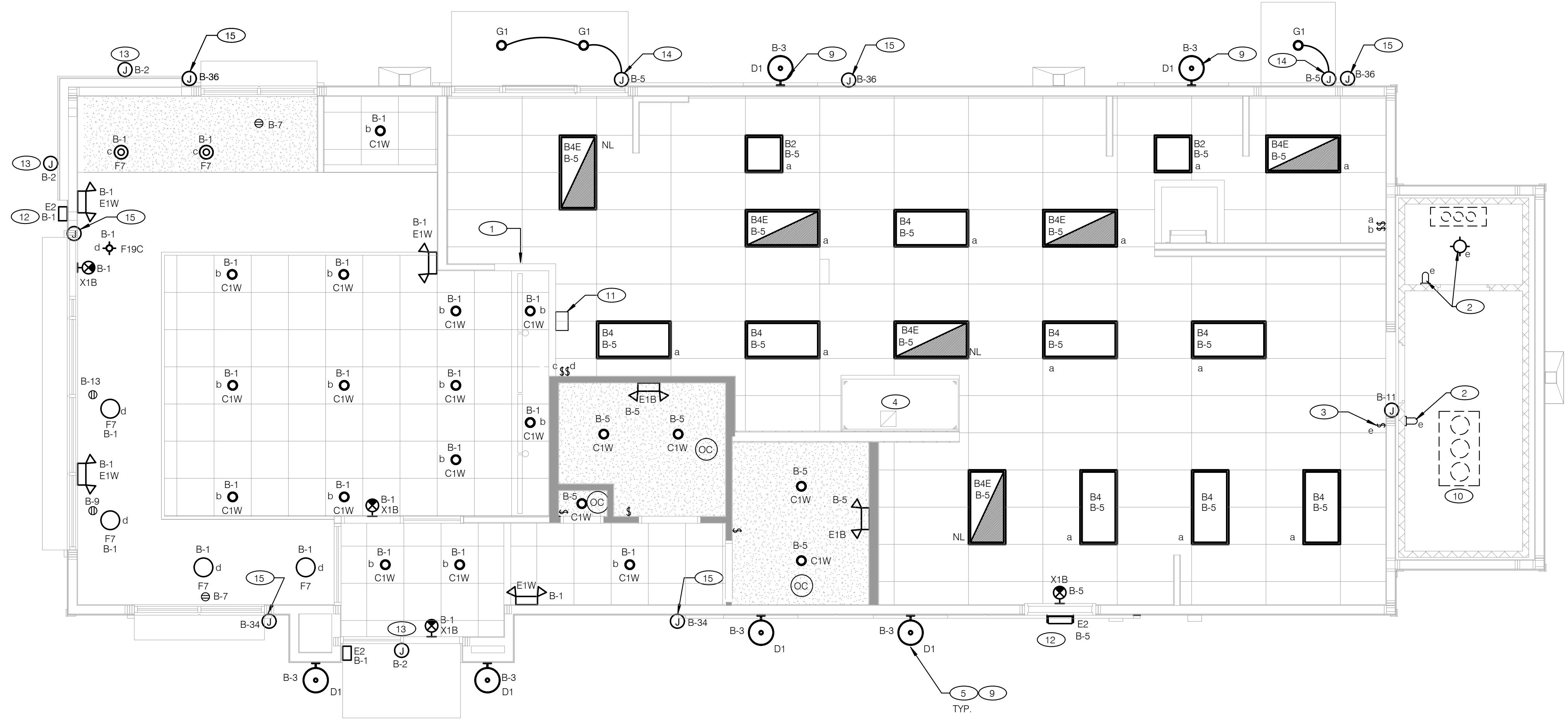
E3.2

PLOT DATE: 2/21/2022

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

- GENERAL NOTES - ELECTRICAL POWER ROOF PLAN** NTS **C**
- A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.
 - B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFRS AND INSTALLERS REQS.
 - C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQS.
 - D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.
 - E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.
 - F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.
 - G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.
 - H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.
 - I. ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.
 - J. ARMOR CABLE (BX) IS ONLY TO BE ALLOWED WHERE ACCEPTABLE BY AUTHORITY HAVING JURISDICTION.

- KEY NOTES - ELECTRICAL POWER ROOF PLAN** NTS **B**
- 1 MECHANICAL CONTRACTOR SHALL PROVIDE CONNECTIONS BETWEEN RTU FACTORY SMOKE DETECTORS AND REMOTE ENNUNCIATOR. TEST AND RESET DEVICE IN MANAGER OFFICE. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY NECESSARY CONDUITS FOR LOW VOLTAGE WIRING.
 - 2 SPECIFIED RTU IS SUPPLIED WITH UNPOWERED, WEATHERPROOF GFCI CONVIENENCE OUTLET AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
 - 3 POWER AND CONTROL IN FLEXIBLE WATERPROOF CONDUIT (LFMC CONDUIT) TO ENTER FROM SIDE OF THE CURB AND UP TO FACTORY PROVIDED DISCONNECT SWITCH. COORDINATE WITH MECHANICAL CONTRACTOR.
 - 4 CONNECT TO APPROPRIATE TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
 - 5 1/2" C. WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
 - 6 REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.
 - 7 CONNECT TO APPROPRIATE PHOTOCELL TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
 - 8 RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT AND SINGLE POINT WIRING.
 - 9 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND INSTALL EVERYTHING AS REQUIRED.
 - 10 RAIN SENSOR.
 - 11 PIPE HOOD. SEE 9/A6.0
 - 12 ELECTRICAL CONTRACTOR SHALL MAKE ALL ELEC. CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF & THE EVAPORATOR IN THE ICE MACHINE AS REQ'D. REFER TO THE MFR'S SHOP DWGS FOR EXACT INSTALL. & INTERCONNECTION RQMTS. PRIOR TO ROUGH-IN INSTALL.
 - 13 COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. SEE SCOPE OF WORK.
 - 14 1/2" C. WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE. MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.



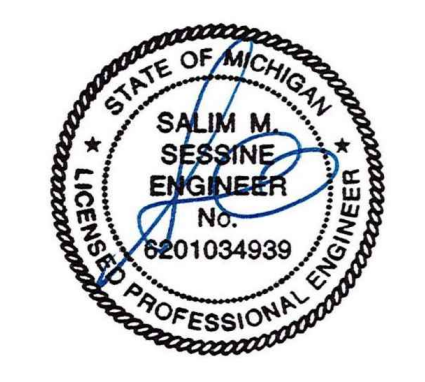
- GENERAL NOTES:
- A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
 - B. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF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

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

NO.	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP #/TYPE	BALLAST TYPE	ELECTRICAL DATA	REMARKS
A1	LSI INDUSTRIES	MRM-LED-24L-SIL-FT-UNV-DIM-40-70CRI-BRZ-FIXTURE	LED POLE MOUNTED FIXTURE, FORWARD THROW, 0-10V DIMMING, 4000 CCT, 70CRI, BOTH POLE AND FIXTURE FINISHED IN BRONZE.	FIXTURE MOUNTED TO 22'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE.	LED	NA	120 V/1-62 VA 9856 LUMENS	
A4	LSI INDUSTRIES	4SQB3- A125-22'-6"-S-BRZ-POLE	22'-6" ALUMINUM SQUARE POLE ON CONCRETE BASE	22'-6" ALUMINUM POLE MOUNTED TO 2'-6" CONCRETE BASE.	NA	NA	0 V/1-0 VA	
B2	ABB	FLP22-D53W40	2X2 LED TROFFER	RECESSED	LED		120 V/1-45 VA	
B4	ABB	FLP24-D53W40	2X4 LED TROFFER	RECESSED	LED		120 V/1-12 VA	
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER	RECESSED	LED		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	RECESSED	LED		120 V/1-14 VA	
D1	SPECTRUM	ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA	12"X6.3" WALL MOUNT SCONCE, FINISH SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, WET LISTED.	VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS	LED, 11W, 1106 LUMENS	NA	120 V/1-11 VA	
E1B	ELITE	ELM-809-B	EMERGENCY LIGHT FROG EYE - BLACK	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	
E1W	ELITE	ELM-809-W	EMERGENCY LIGHT FROG EYE - WHITE	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	
E2E	LITHONIA	WDGE1 LED P1 40K 80CRI VF MVOLT E4WH DWG DDBXD	LED EM WALL MNT, DRK BRNZ, CLD WEATHER	VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS	-	EM	120 V/1-10VA 1,120 LUMENS	
F7	HI-LITES	H24212-96-CB15-20WLB-60P	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0D27K	NA	120 V/1-20 VA	
F19C	SPECTRUM LIGHTING	SPO304INC-MWL(25W)PAR20-CM-180-MB	LED PENDANT - 3"	PENDANT, 6'-0" A.F.F.	1/LED LR20/40/27K/975/BK	NA	120 V/1-9 VA	
X1B	LIGHTALARMS	GRANNRB	LED UNIVERSAL MNTG THERMOPLASTIC EXIT, RED LETTERS, BLACK HSNB	UNIVERSAL	1/LED	EM	120 V/1-3 VA	
G1	SIGNIFY LIGHTOLIER	FD6R4CCT	6" DIAMETER RECESSED LED FLAT DOWN LIGHT, DIFFUSED LENS, WET LISTED	RECESSED @ 9'-0" AFG	1/LED-14W-40K-900LM	NA	120 V/1-14 VA	FIXTURE PROVIDED BY OTHERS INSTALLED & WIRED BY ELEC

- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 2 FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- 3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEET E6.1.
- 5 COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 NOT USED.
- 7 NOT USED.
- 8 NOT USED.
- 9 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AND A4.1 FOR DIMENSIONED LOCATION OF FIXTURE.
- 10 SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
- 11 ALERT LIGHT : ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF GEN III POWER SOAK IS USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
- 12 MOUNT "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 # 21017

DATE	REMARKS
08-07-22	Review
08-15-22	Bids & Permits

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

GREAT LAKES TACO, LLC
 Walton Boulevard
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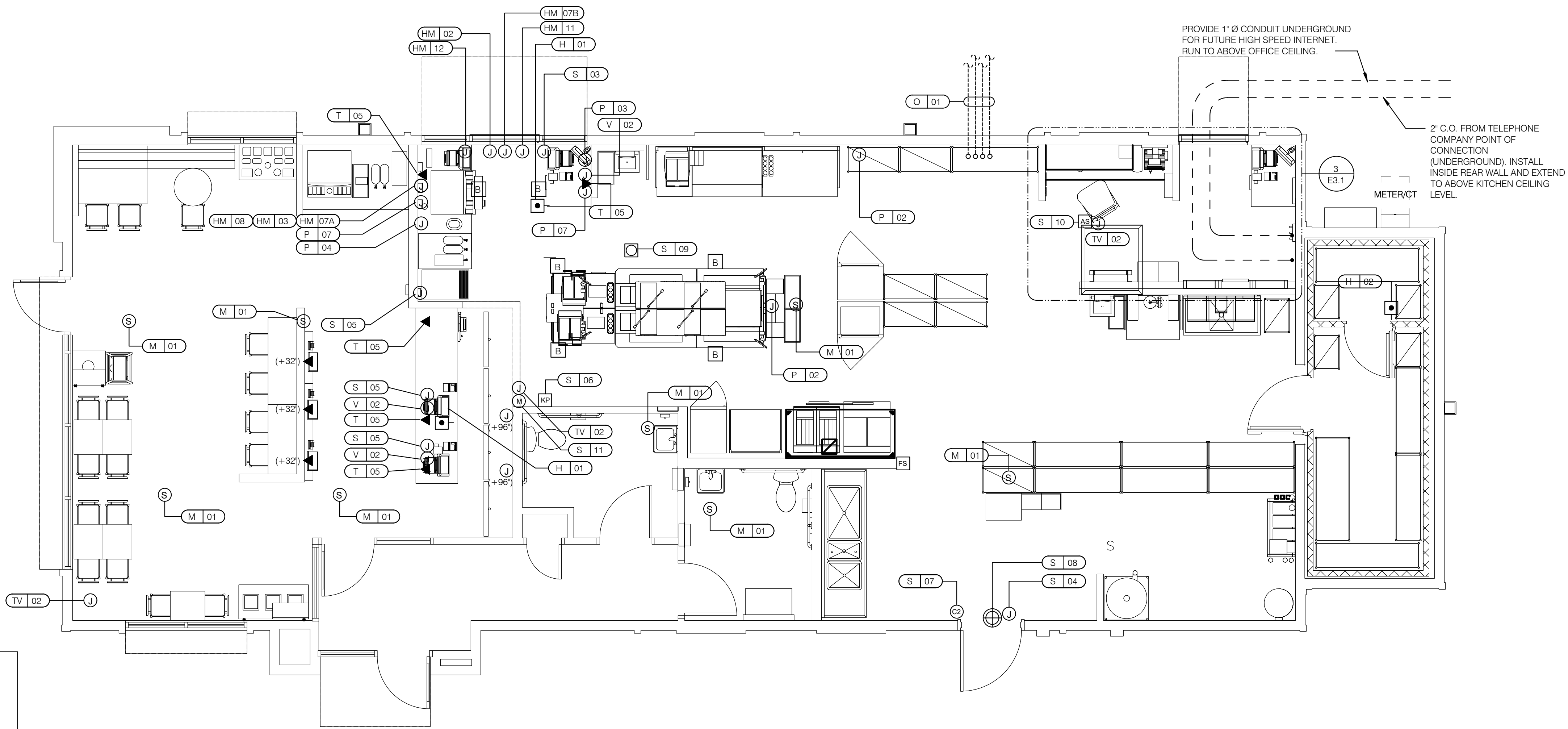


ENDEAVOR 2.0 LIGHTING PLAN AND DETAILS

E4.0

PLOT DATE: 2/21/2022

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PROVIDE 1" Ø CONDUIT UNDERGROUND FOR FUTURE HIGH SPEED INTERNET. RUN TO ABOVE OFFICE CEILING.

2" C.O. FROM TELEPHONE COMPANY POINT OF CONNECTION (UNDERGROUND). INSTALL INSIDE REAR WALL AND EXTEND TO ABOVE KITCHEN CEILING LEVEL.

VOLUME CONTROL NOTES:

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

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

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

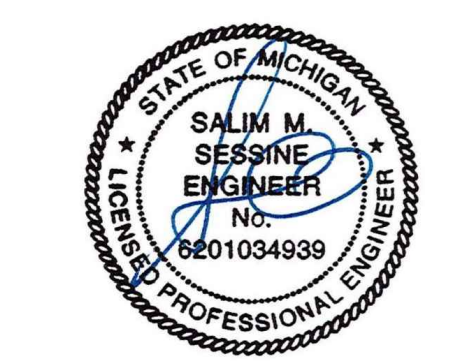
COMMUNICATIONS LEGEND NTS **C**

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

COMMUNICATIONS NOTES NTS **B**

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

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



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PROJECT # 21017

DATE	REMARKS
1 06-07-22	Review
2 08-15-22	Bids & Permits

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

GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0
COMMUNICATIONS PLAN

E5.0

PLOT DATE: 2/21/2022

TBCCB-3-WOS SEQUENCE OF OPERATION

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

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

Sequence of Operation

(Building) Occupied Mode

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

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

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

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

(Building) Unoccupied Mode

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

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

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

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

(Sales) OPEN mode

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

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

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

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

(Sales) CLOSED mode

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

- The Exterior Building Lights
- The Exterior Signs,

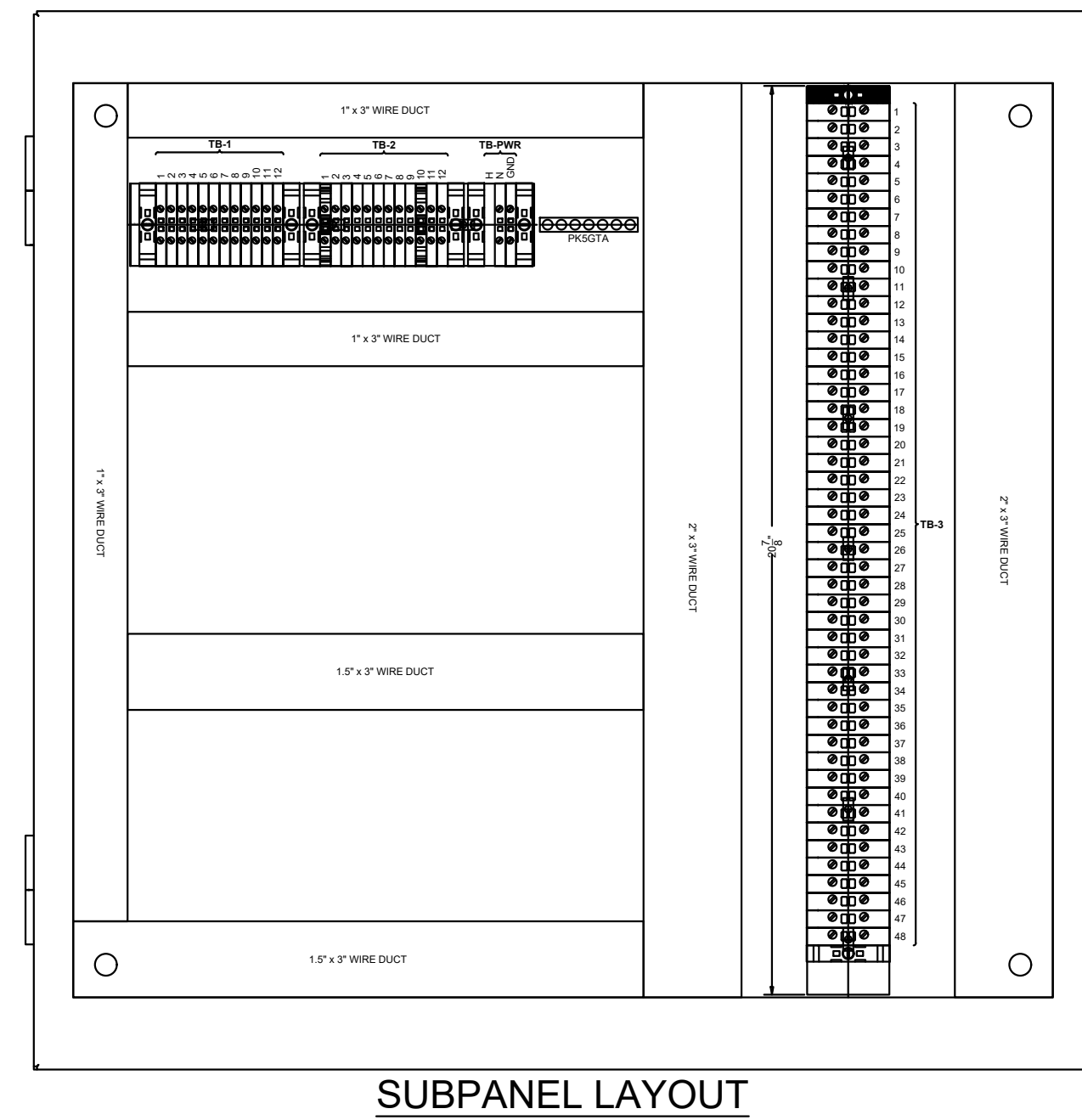
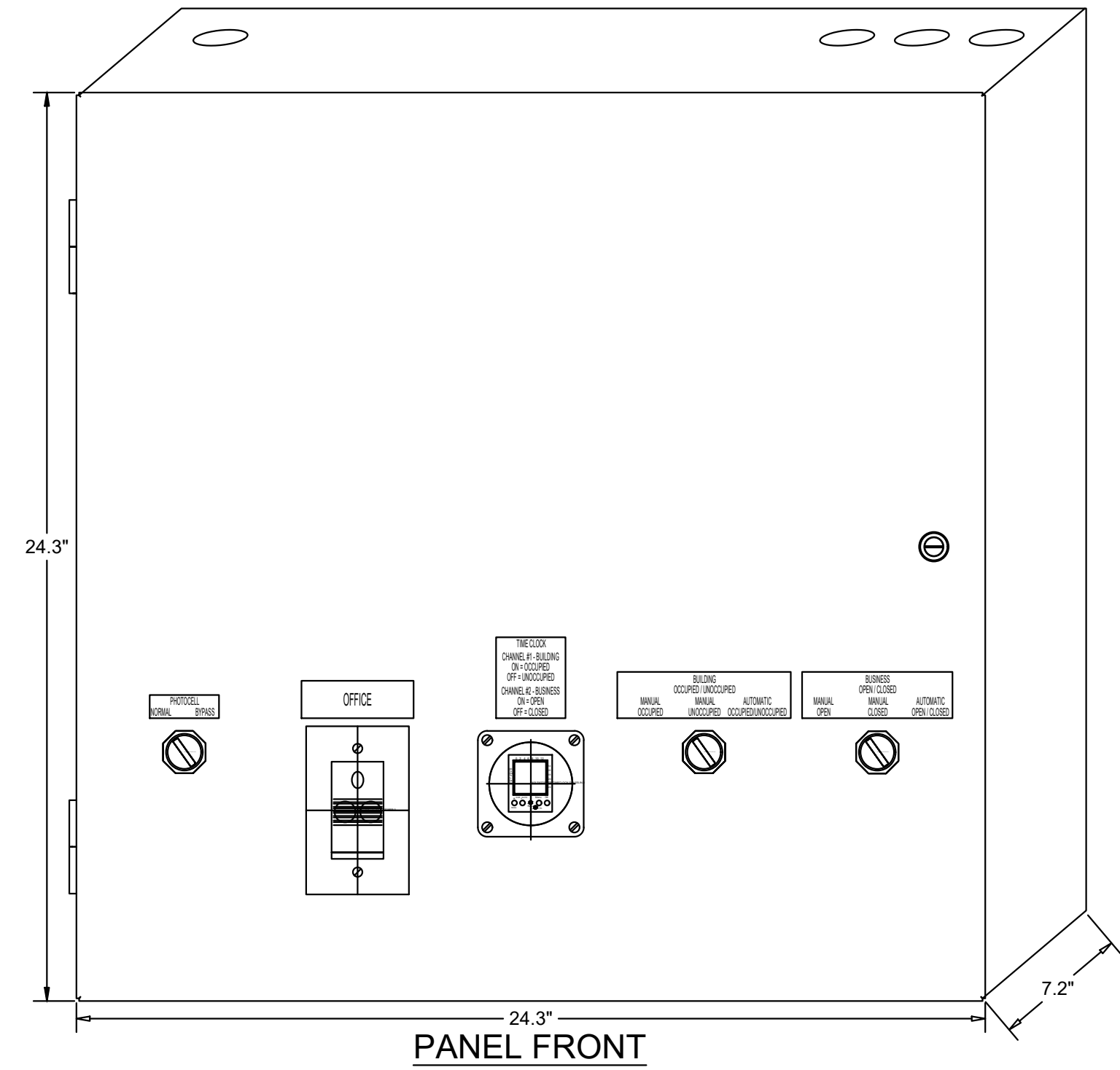
Manual CLOSED Mode

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

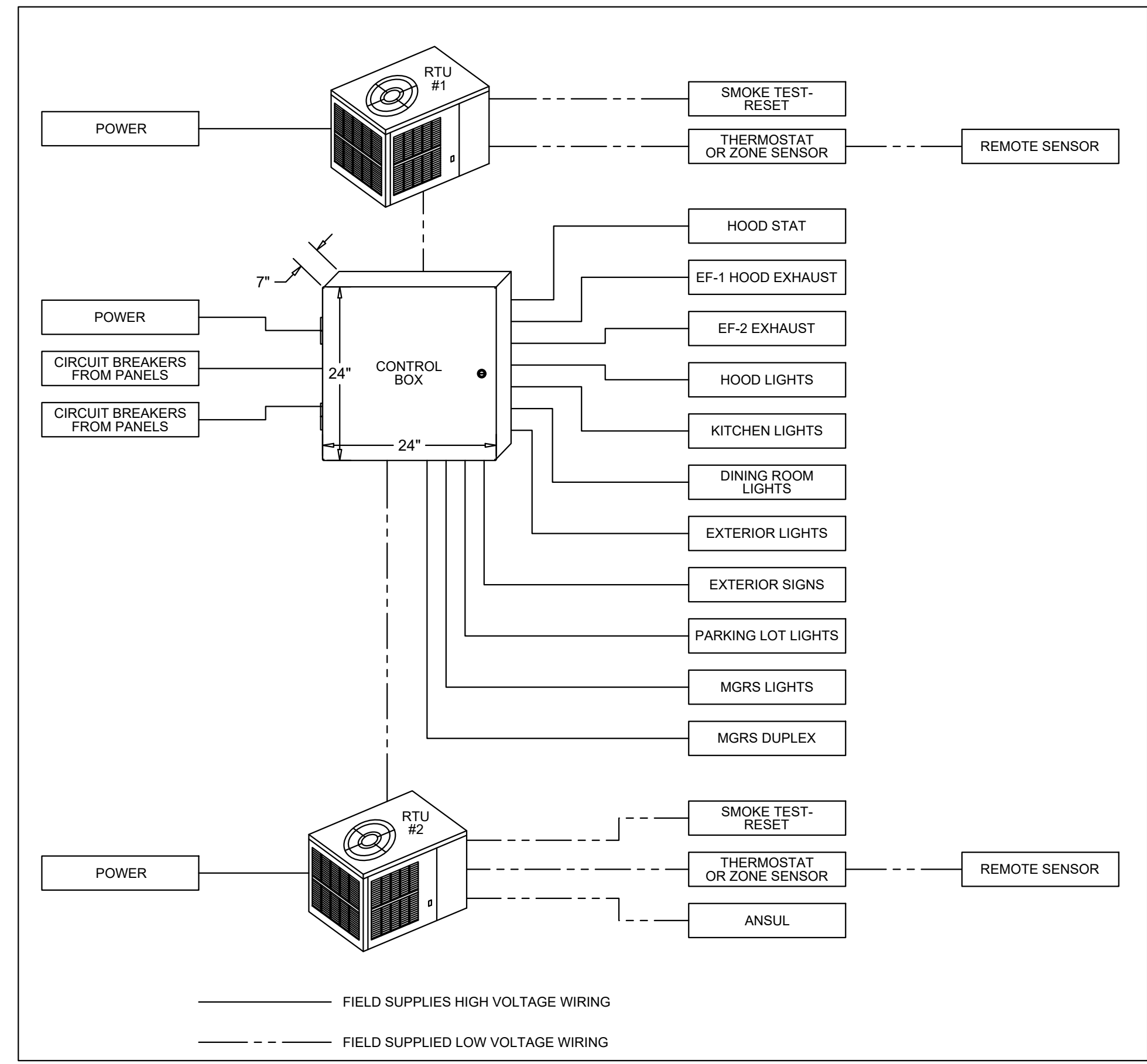
External Operations Not Part Of The Control Box Operation But Required To Be Installed

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

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



TACO BELL COMPONENT RELATIONSHIP



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



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

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



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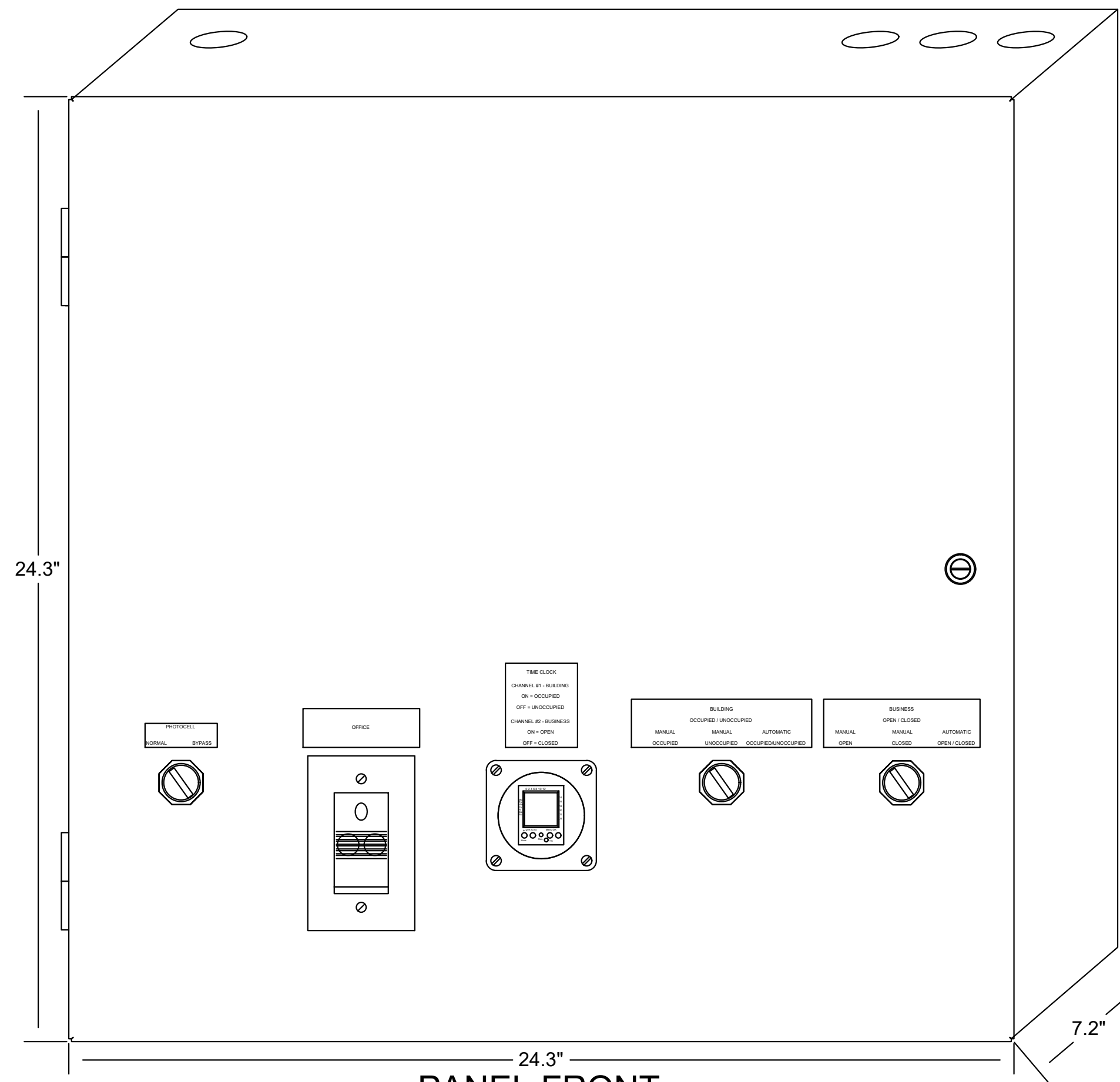


ENDEAVOR 2.0
ELECTRICAL DETAILS - TBCCB

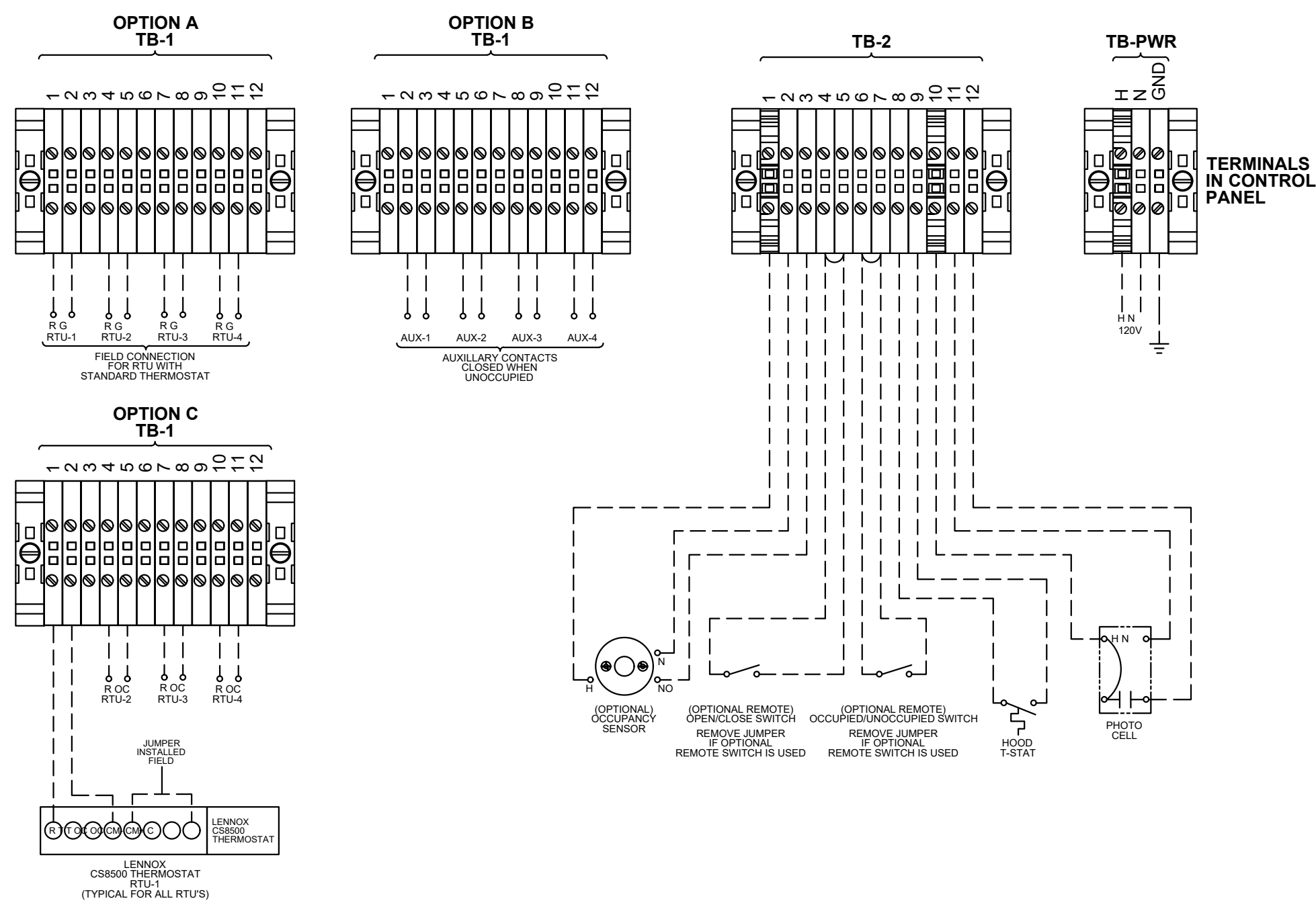
E6.0

PLOT DATE: 2/21/2022

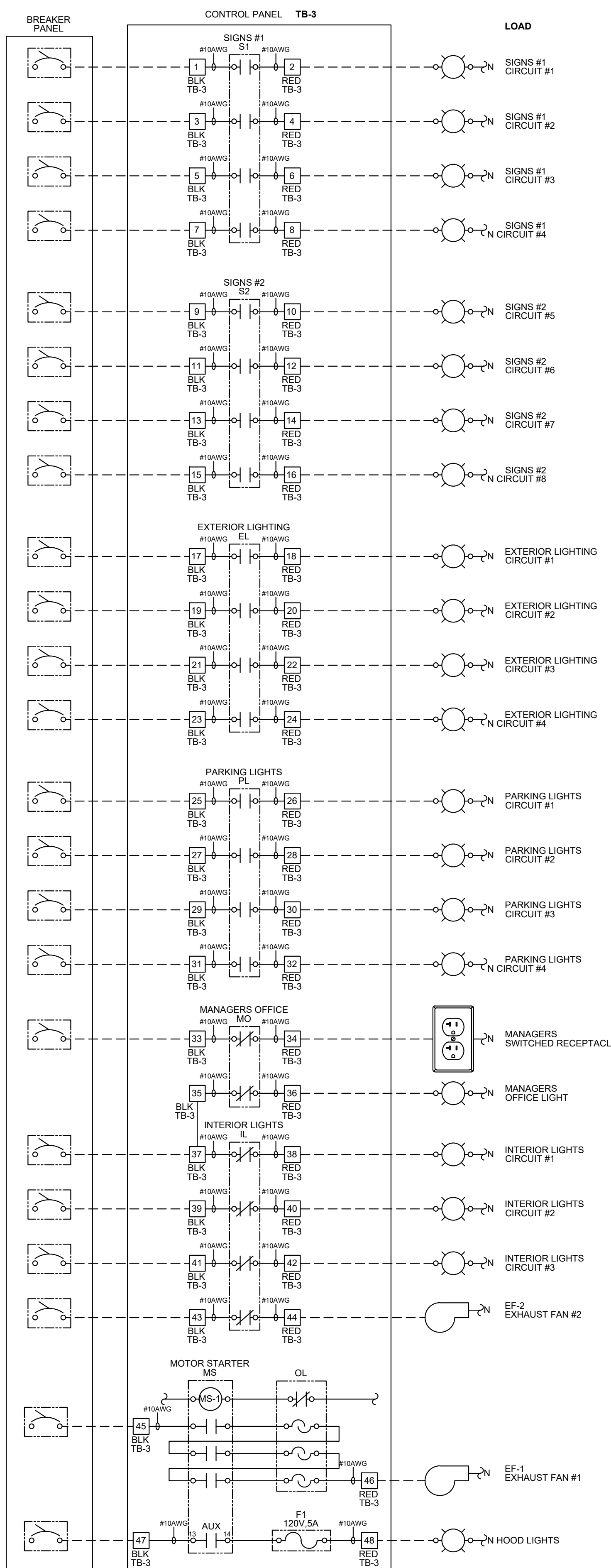
TBCCB-3-WOS



PANEL FRONT



PANEL CIRCUIT NUMBER REFER TO PANEL SCHEDULES



TBCCB-3-WOS

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

CONTROL BOX

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

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

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

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

--- 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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Job No.: 273-22035



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 # 21017

DATE	REMARKS
1 06-07-22	Review
2 08-15-22	Bids & Permits

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER:
PA/PM:
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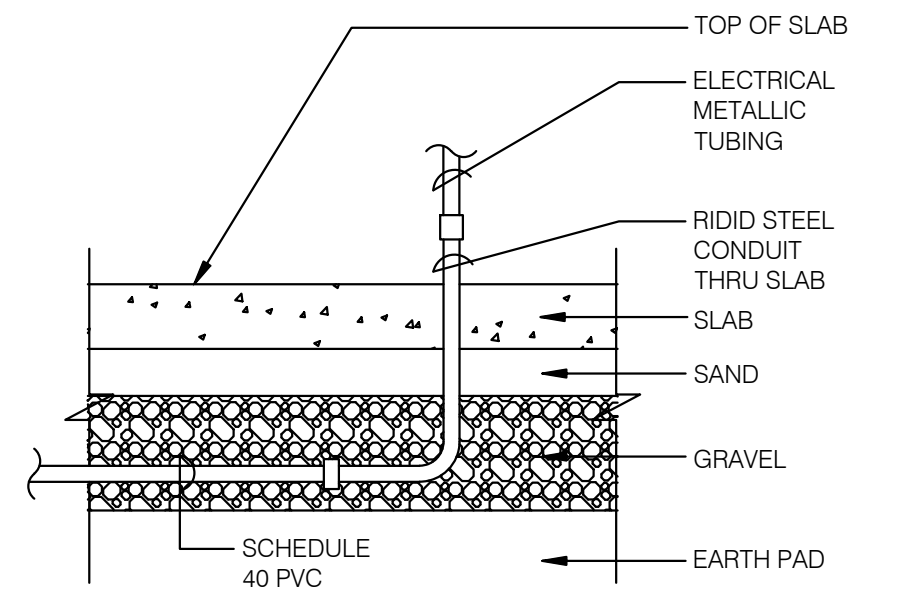
GREAT LAKES TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL DETAILS - TBCCB

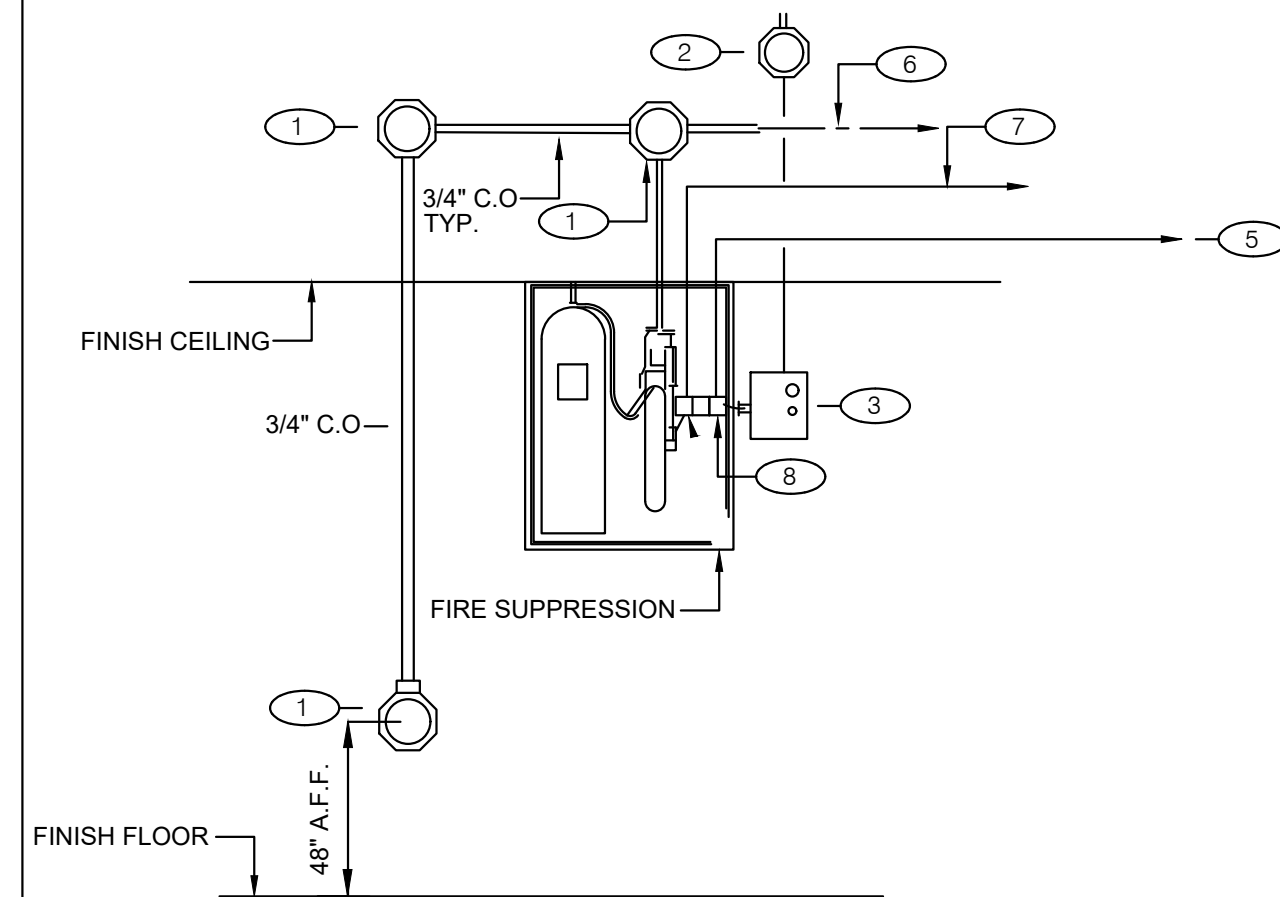
E6.1

P:\2023\273 L+A Architects\22035 Great Lakes Taco Bell - Pontiac\Cad\Active\E6.1 - Electrical Details.dwg, 8/11/2022, 11:04:29 AM, dbarry



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

YES001



GENERAL NOTES:

1. REFER TO SHEET M3.0

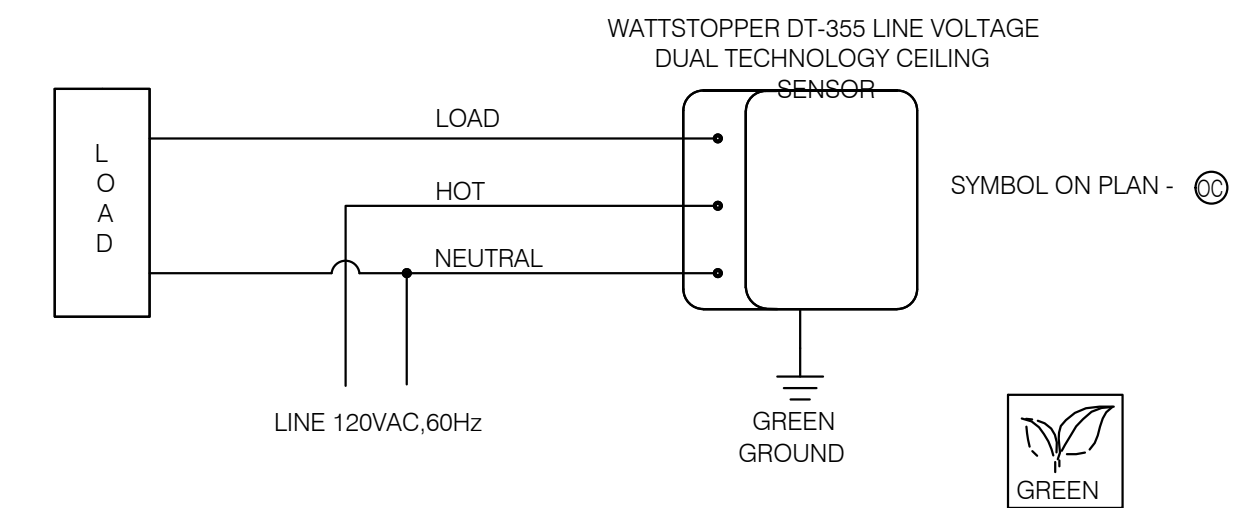
KEY NOTES:

- 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 MICROSWITCH SHALL HAVE A COMMON, NORMALLY OPEN AND NORMALLY CLOSED POLE.

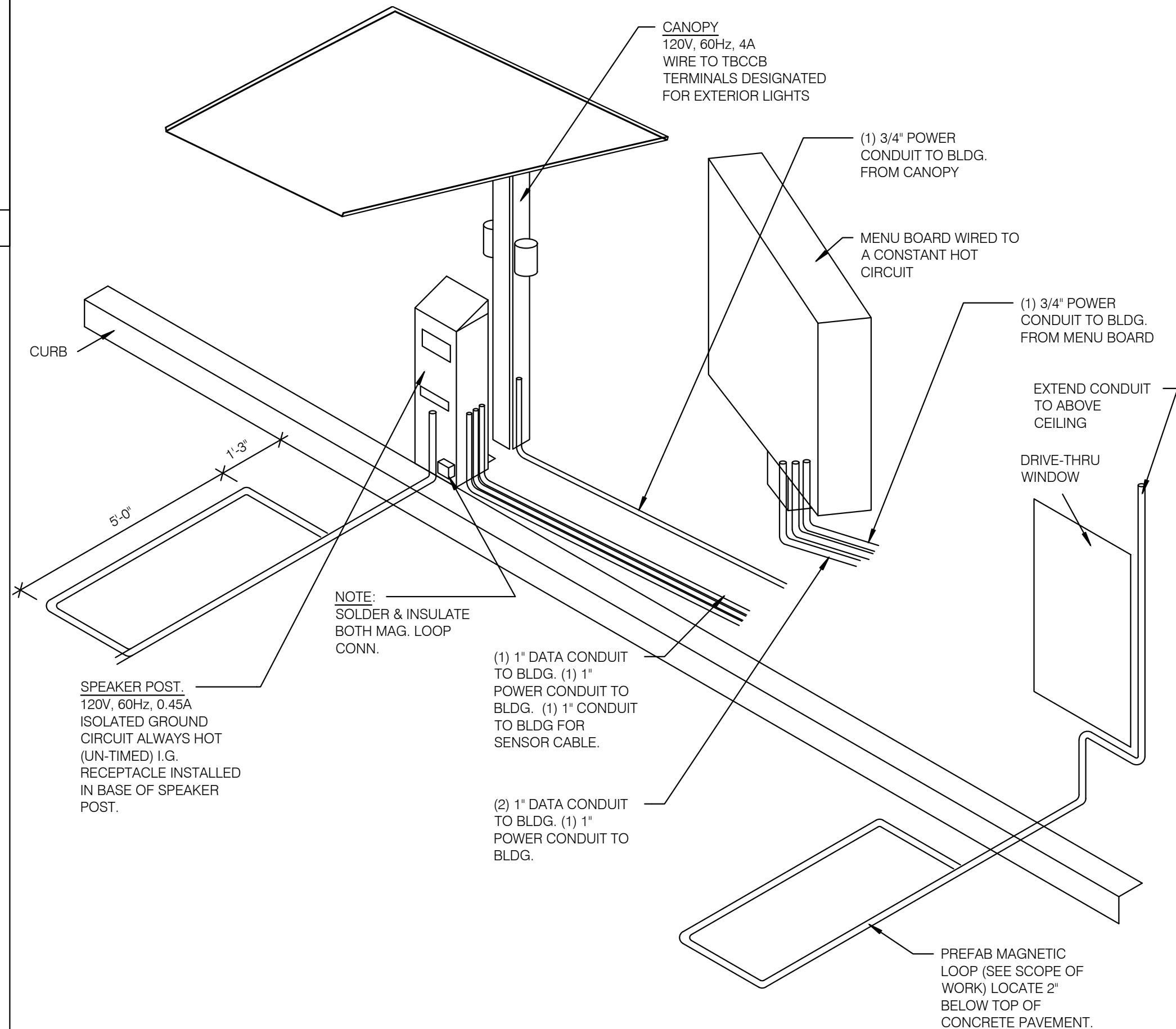
UNDER SLAB CONDUIT N.T.S. **7**

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

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



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



YES006A

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

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

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

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

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



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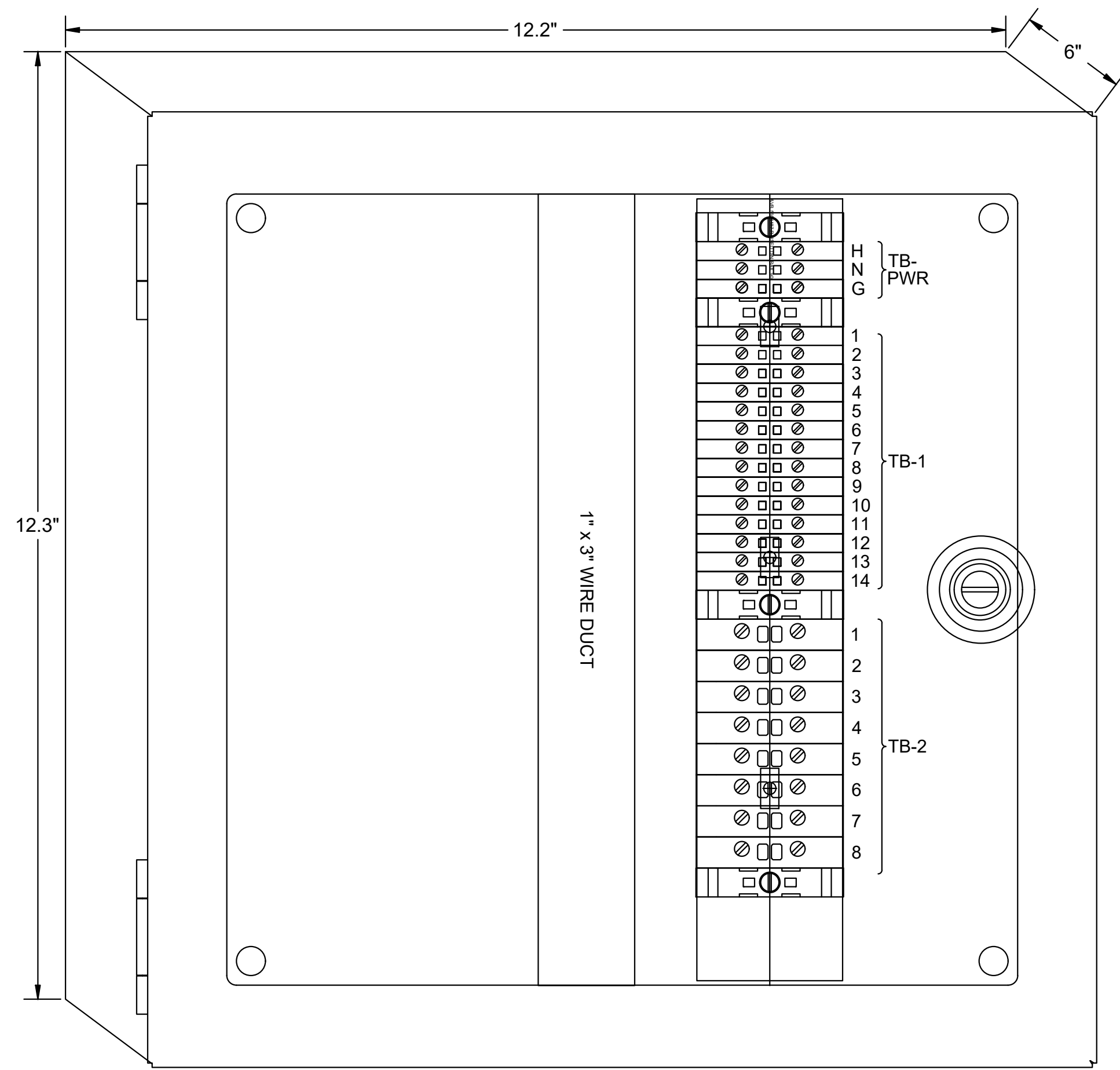
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ENDEAVOR 2.0 ELECTRICAL DETAILS

E7.0

PLOT DATE: 2/21/2022

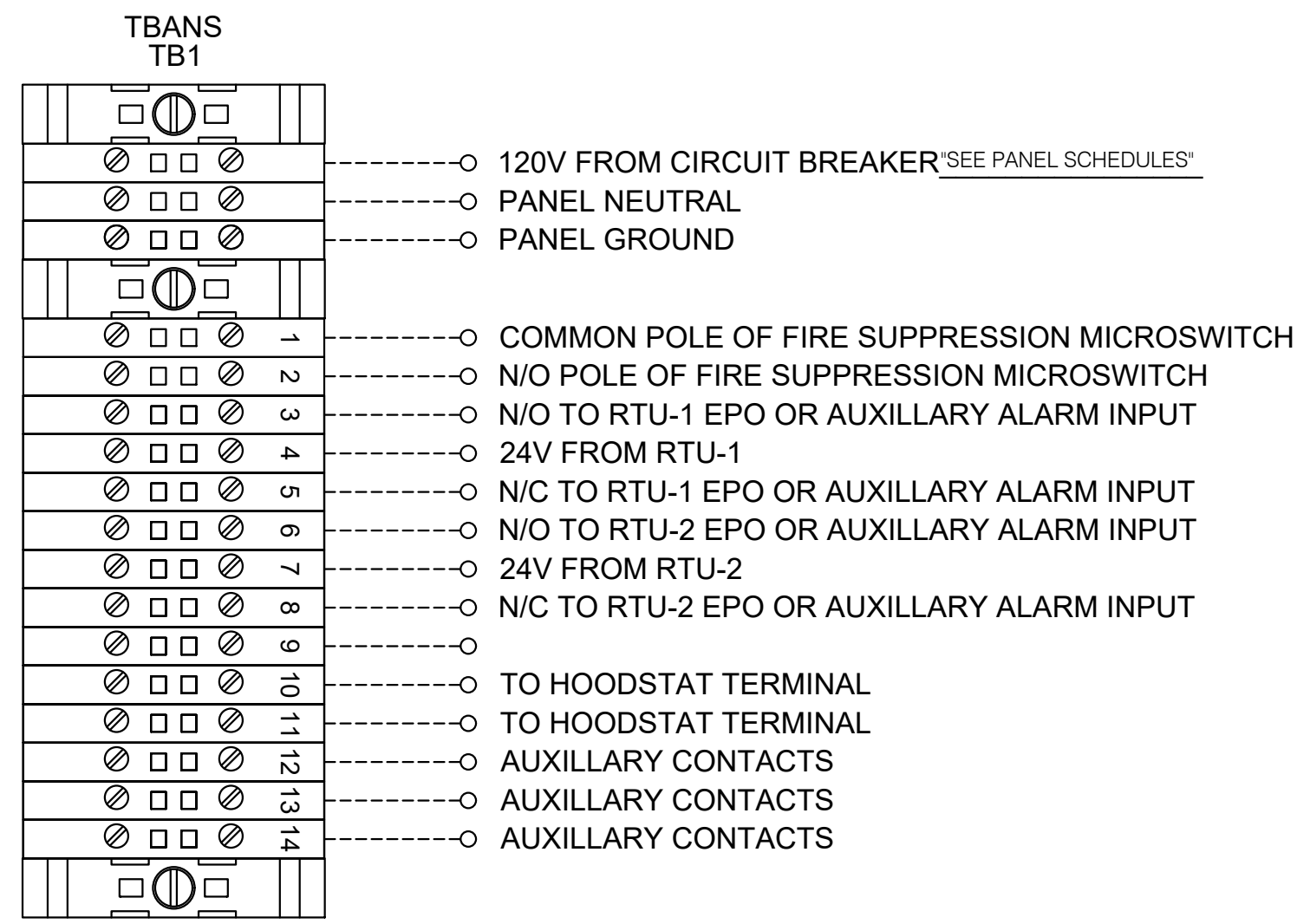


1 TBANS PANEL DIMENSIONS NTS

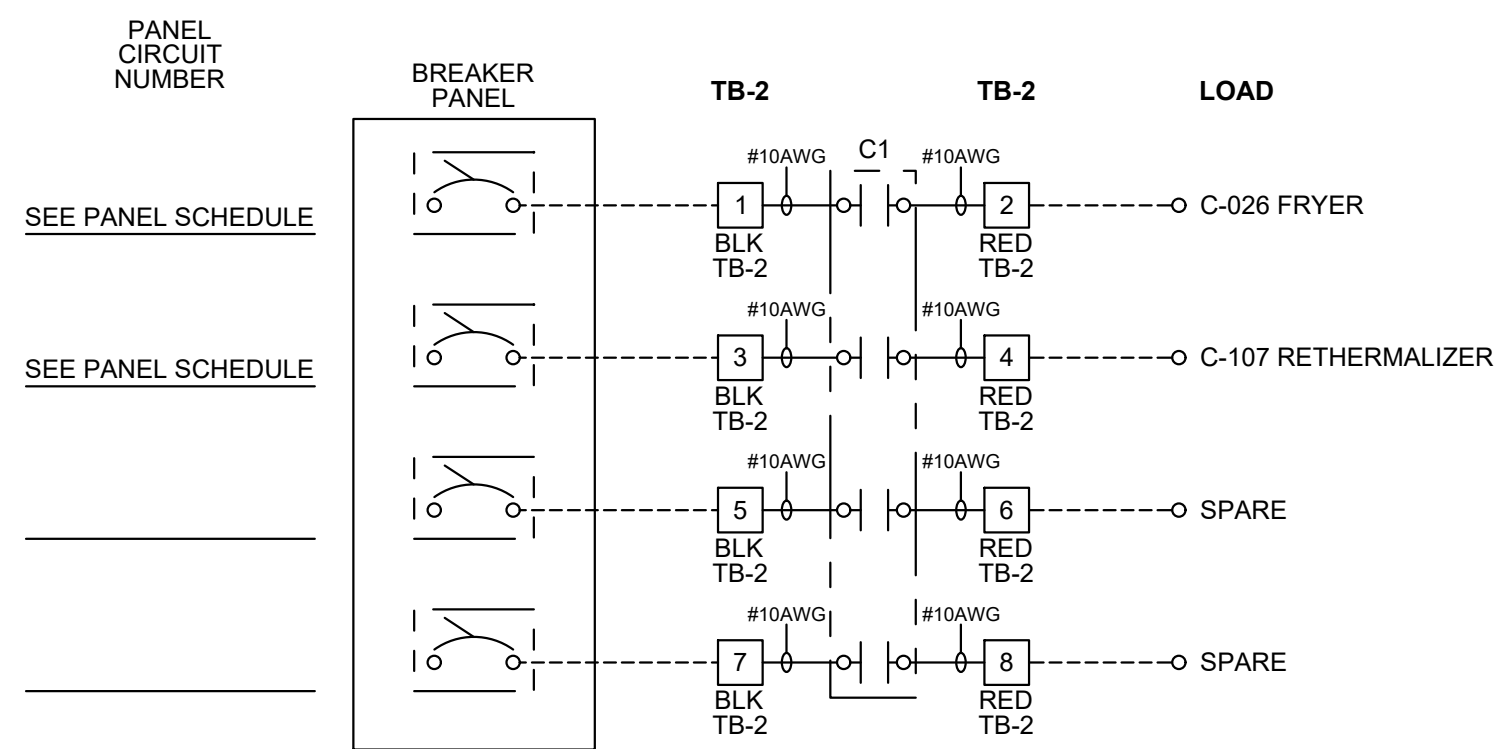
SEQUENCE OF OPERATION:
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

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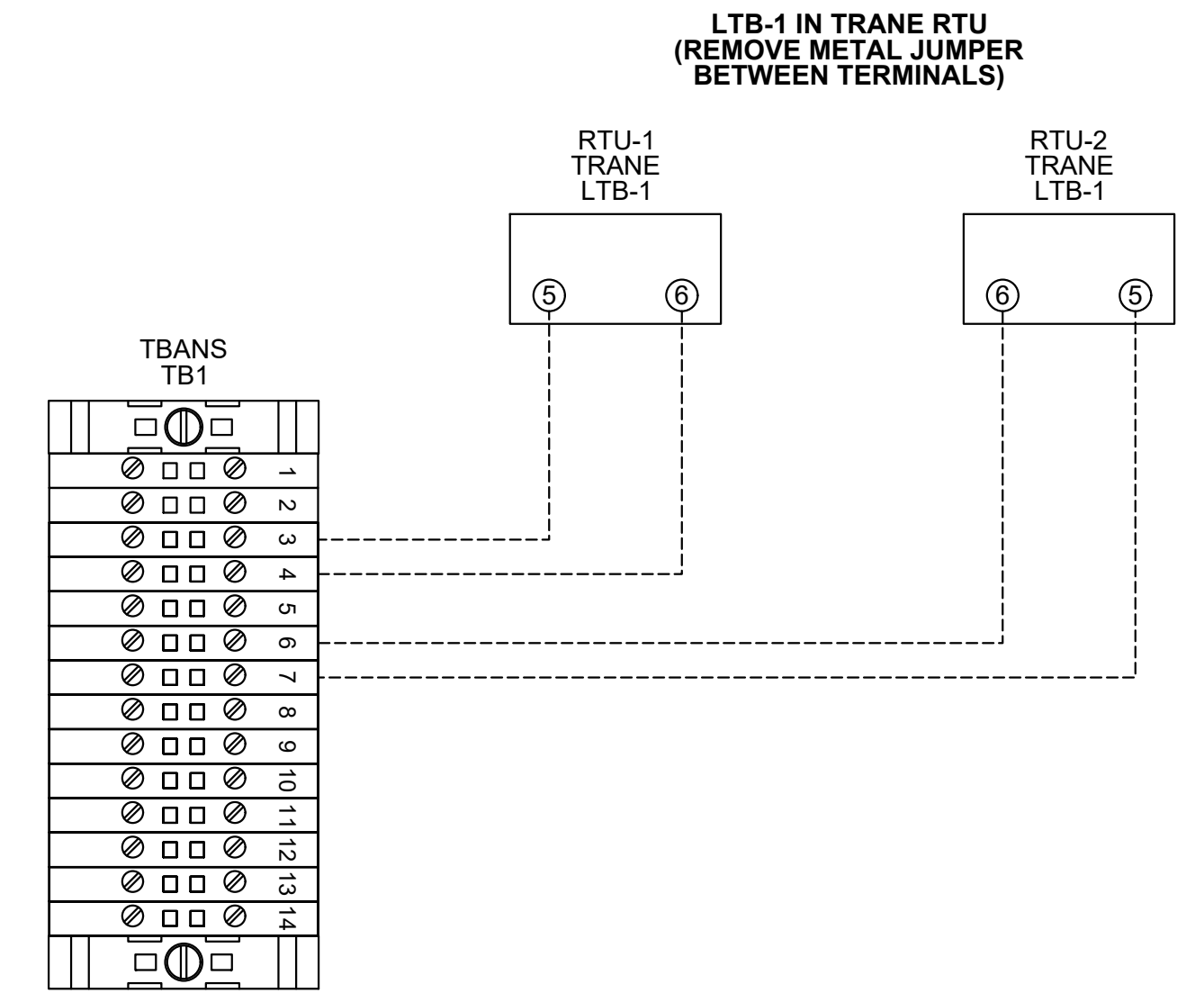
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0
CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



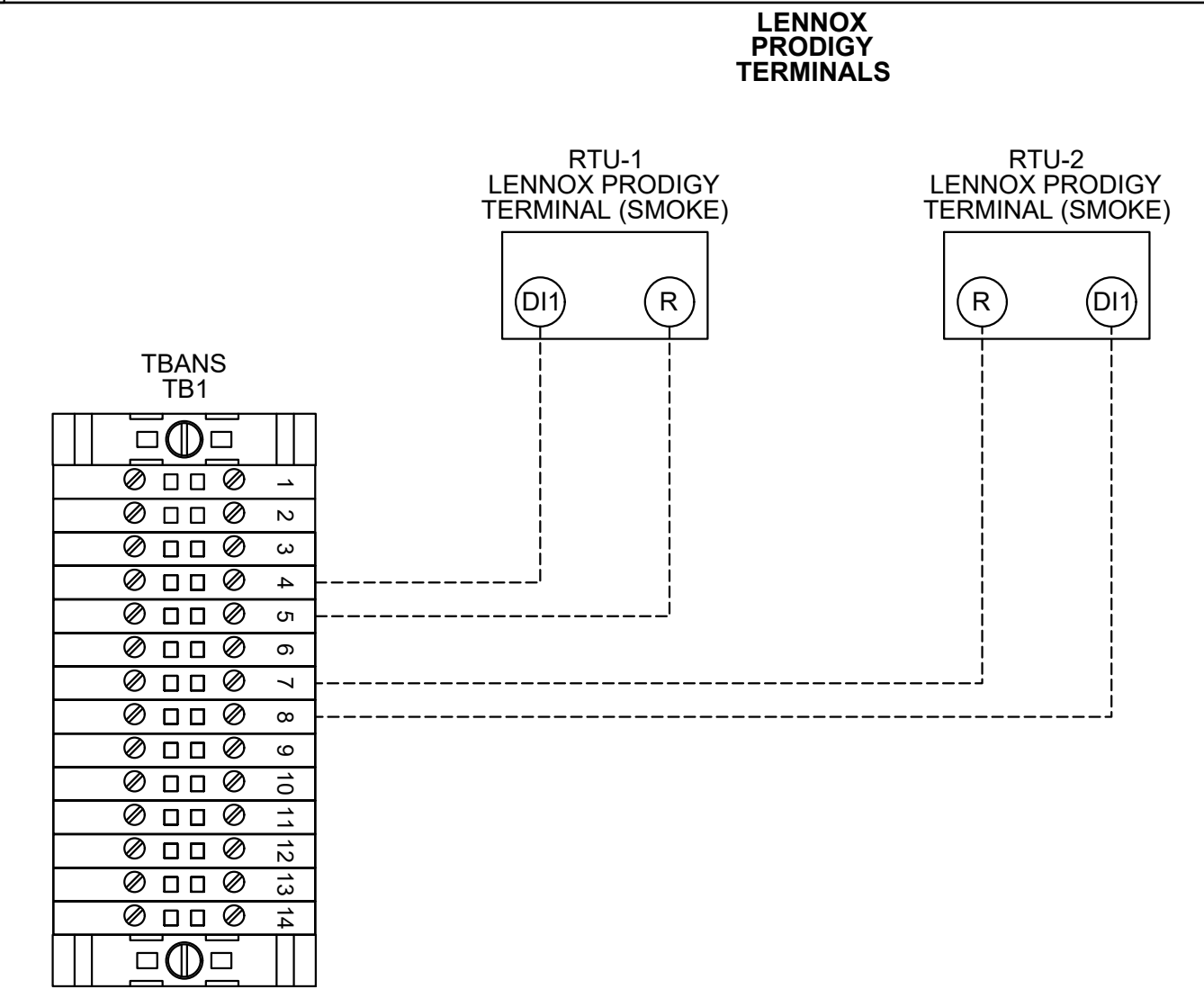
2 TBANS FIELD CONNECTIONS - VARIOUS NTS



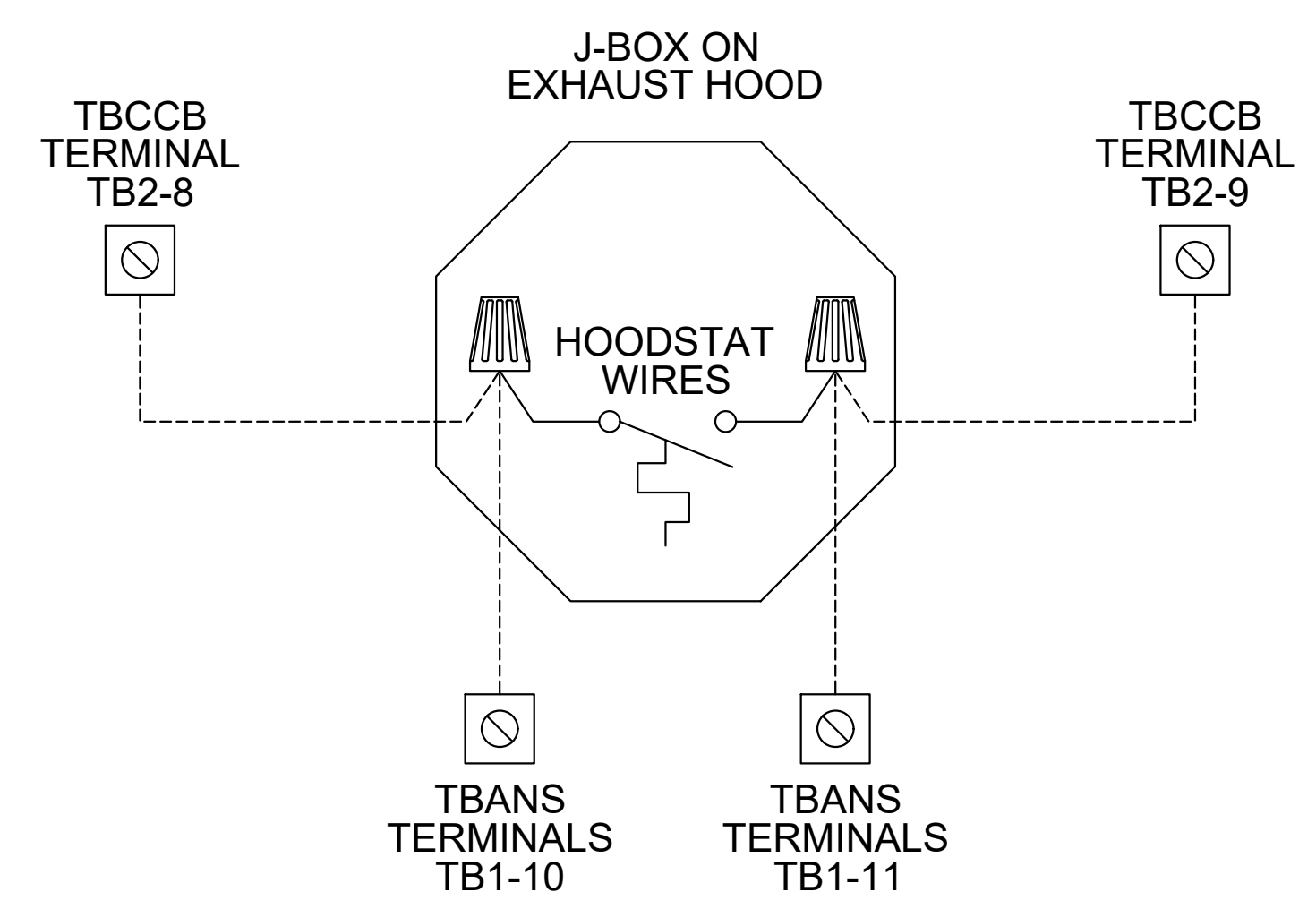
3 TBANS FIELD CONNECTIONS - APPLIANCES NTS



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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Walton Boulevard
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ENDEAVOR 2.0
ELECTRICAL DETAILS

E7.1

PLOT DATE: 2/21/2022

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	DU3670LS2VED	-	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		-	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	VARIES	VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
		Everbrite (Preferred Supplier)	VARIES	VARIES				
		AGI						
10536	Canopies	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
		Everbrite (Preferred Supplier)	VARIES	VARIES				
		AGI						
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	QKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
11030-3	Drive-thru Clearance Bar	Cummings Signs		-	CM	Manufacturer	GC	
		Everbrite (Preferred Supplier)		-				
		AGI		-				
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171	-	Manufacturer	Manufacturer	GC	
11100-3	P.O.S.	IBM		VARIES	TB / IT	Manufacturer	SSP	X
		NCR		VARIES				
		PAR		VARIES				
11100-4	Credit Card Payment System	Hughes Network Systems		-	TB / IT	Manufacturer	SSP	
11300-1	Order Confirmation Board (OCB)	Dalton Display Systems	P6YUC5STDUSV1S; P6YOC5STDUSEN1S	-	DIS	DIS	GC (see Scope of Work notes)	
		Hyperactive	TDMHX2H01TCB;TDMHX1H26	L-090				
		Texas Digital	AVNGE60	L-095				
11300-2	Drive-thru Speaker & Microphone	HME	C400005HSS3TB; C11422TB	U-011; S-204	DIS	Manufacturer	GC	
11300-4	DT Canopy	3M Food Services Trad Dept	78691149153; G55HSSINGLE	-	CM, Franchisee or DIS on behalf of Franchisee	Manufacturer	GC (see Scope of Work notes)	X
		Cummings Signs		V-350				
		Everbrite (Preferred Supplier)						
		AGI						
11400-1	Kitchen Equipment	N. Wasserstrom (Franchise only)	VARIES	VARIES	DIS	DIS	GC (see General Comments)	X
		RSCS (Preferred Supplier)	VARIES	VARIES				
11400-5	GTO with EVO Production Line	Defield	VARIES	VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	X
		Duke	VARIES	VARIES				
		Carter Hoffman (EVO cabinets)	VARIES	VARIES				
11405-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S.	VARIES	VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	X
		Norlake	VARIES	VARIES				
11425	Exhaust Hoods	Stratavent (preferred supplier)	VARIES	VARIES	DIS	DIS	GC	X
		Gaylord Industries (Boiler hood)	VARIES	VARIES				
		Randell (alternate supplier)	VARIES	VARIES				
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		F-040, F-060	TB / IT	SSP	SSP	
12100-1	Artwork	GFX	VARIES	-	DIS	DIS	GC	
		VGS		-				
		Creative Palette		-				
12400-5	Décor	Custom Seating (Company Supplier, base décor)	VARIES	-	DIS	DIS	GC	X
		FCI (Company Supplier, base décor)	VARIES	-				
		IDX	VARIES	-				
12430	Fruitista Machine	Equipment Delivery, Install and Activation	VARIES	VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	
		FBD Equipment Manufacturer	VARIES	VARIES				
		Cornelius	VARIES	VARIES				
		Taco Bell Engineering	VARIES	VARIES				
12440	Iced Tea	Pepsi	E56150000	S-546	DIS	Supplier	GC / Supplier	
13200	CO2 - Bulk	MVE (bulk tank)	VARIES	S-580	DIS	DIS	Manufacturer (Local Installer)	
		NU CO2 (CO2 and service)	VARIES	S-580				
13700-4	CCTV	MARTCO		-	RSCS	MARTCO	MARTCO	X
13800-1	Energy/Building Management System	Air Care Experts	TBCCB-Varies	-	DIS	DIS	GC	
		Air Care Experts	TBCCB-Varies	-	DIS	DIS	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)	AO Smith BTH-120 (standard)	B-215	RSCS	RSCS	GC	
		Bradford White (alternate)		B-215				
		-		-	RSCS	RSCS	GC	
15500-1	Water softener	-		-				
15500-1	HVAC - Test and Balance	-		-	Determined by CM or RCM	Determine by CM or RCM; Approved options - GC CM/RCM	Determined by GC / CM / RCM	X
		Melinik Corp/		-				
		Air Care Experts		-				
15500-2	Commissioning	Air Care Experts		-				
15500-3	Visual Verification	Air Care Experts		-				
15700-1	HVAC	Trane (Franchisee Only)	VARIES	-	GC	Air Care Experts	GC	
		Lennox (Company and Franchisee Stores)	VARIES	-	GC	Manufacturer	GC	X
		York International (Franchisee Only)	VARIES	-				
16300-1	Switchgear - Franchisee	Accuserv	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	X
		Capital Lighting	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	
16300-2	Switchgear - Company	Capital Lighting	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	X
		Accuserv	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	
16500	Light Fixtures - Interior and Building	Capital Lighting	VARIES	-	DIS	DIS	GC	X
		Accuserv (all lighting except BOH & restrooms)	VARIES	-				
16520	Light Fixtures - Site	Capital Lighting	VARIES	-	DIS	DIS	GC	
		Accuserv	VARIES	-	DIS	DIS	GC	
16720	Telephone Communications	YUM! Telecom (Company stores)		-	TB	Manufacturer	Manufacturer (Local Installer)	X
		By owner through local phone service provider (franchise)		-	Franchisee	Manufacturer	Manufacturer (Local Installer)	
16820-3	Music System	Mood Media		F-131	TB	Manufacturer	Manufacturer (Local Installer)	X
		Coffee Brewer	Bunn	42300.0008	RSCS	RSCS	GC	
		Floor and Wall Tile	Creative Materials	-	GC	Manufacturer	GC	X



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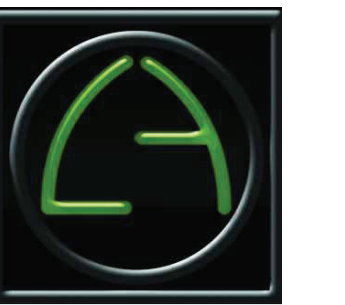
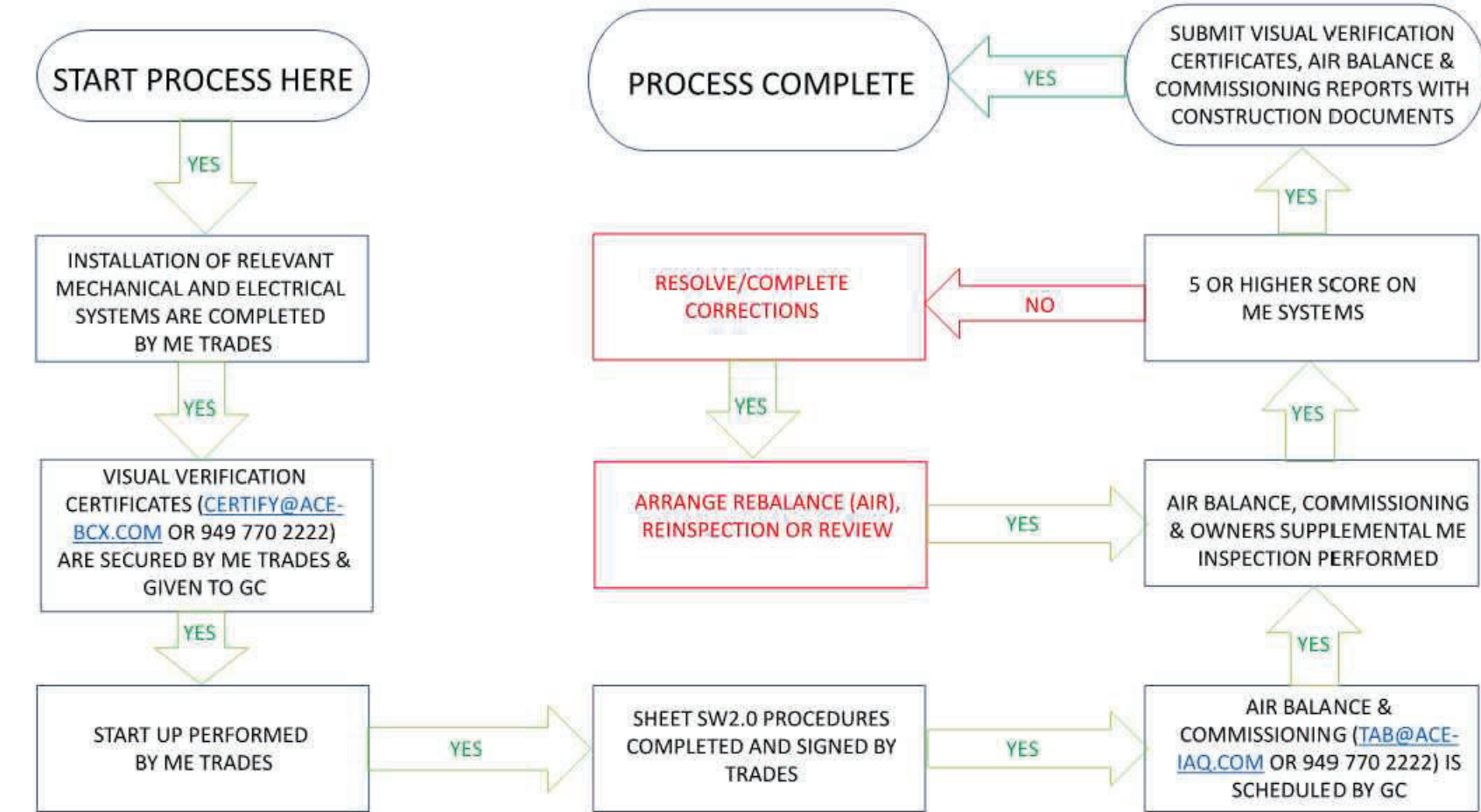


ENDEAVOR 2.0
SCOPE OF WORK

SW1.0

PLOT DATE: 8/15/2022

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



L + A
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ENDEAVOR 2.0
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AND
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