

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

GENERAL DRAWING SYMBOLS

- A. ALL WORK SHALL CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE TOWN OF MANCHESTER, HILLSBOROUGH COUNTY AND THE STATE OF NEW HAMPSHIRE.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE 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 PREPARED BY THE EADS GROUP.
- E. 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.
- F. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE CHARTER FOODS CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- G. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- H. 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. YUM! BRANDS WILL PAY FOR 'CONNECTION FEES' ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- I. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- J. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- K. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- L. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- M. GENERAL CONTRACTOR TO HAVE COMPLETE EQUIPMENT / FURNITURE / SIGN CUT SHEETS AND DELIVERY SCHEDULE ON SITE AT ALL TIMES.
- 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 BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED IN THE BUILDING SHALL HAVE A LOW VOC CONTENT.

PROJECT GENERAL NOTES

GOVERNING CODES

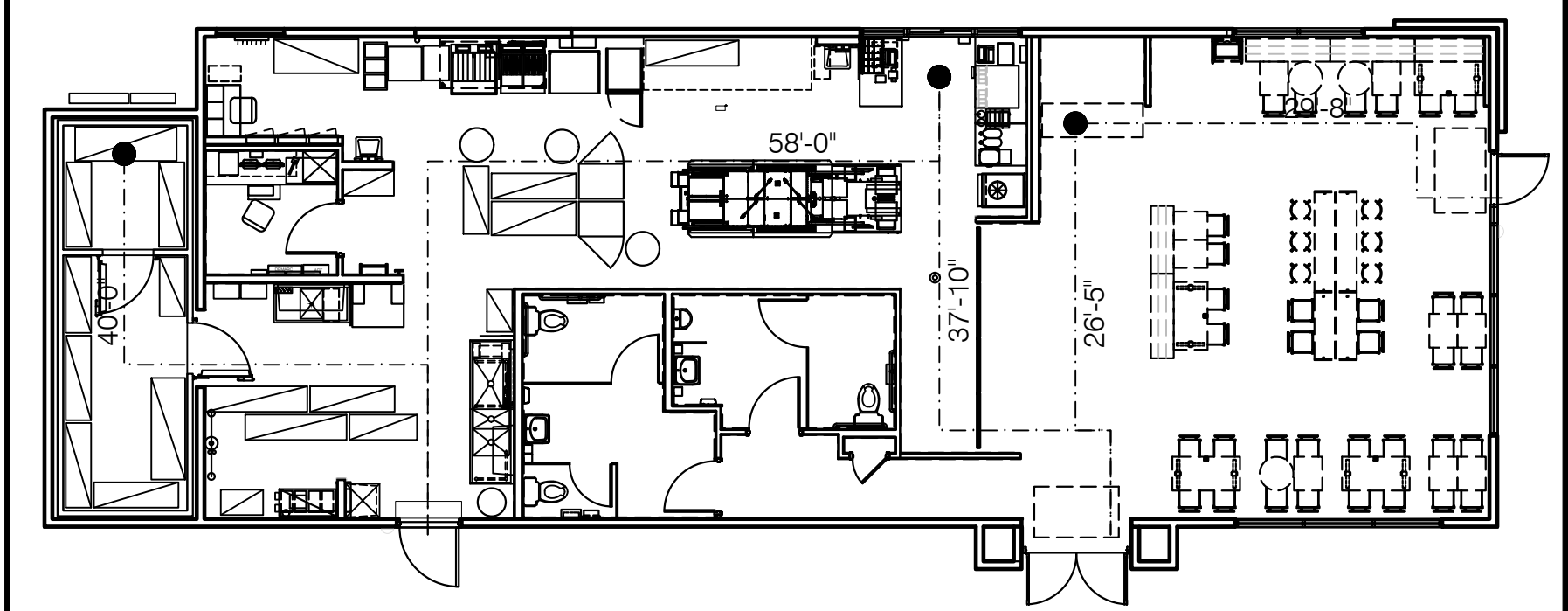
BUILDING	IBC 2015
STRUCTURAL	IBC 2015
PLUMBING	IPC 2015
MECHANICAL	IMC 2015
ELECTRICAL	NEC 2017
LIFE SAFETY	IBC 2015
ACCESSIBILITY	IBC 2015 (ANSI A117.7-2009)
ENERGY	IECC 2012
GAS	IFGC 2015

Design Professional in Responsible Charge = Kathleen Day, Architect ~ License #04065

3	Use and Occupancy Classification 303.1 A-2 Restaurants																				
4	Special Detailed Requirements Based on Use and Occupancy Not Applicable																				
5	General Building Heights and Areas Use Group A-2 and Type of Construction VB permits 1 story, 40 feet above grade at 6,000 sf.																				
6	Types of Construction Table 601 - VB																				
7	Fire Resistance-Rated Construction																				
8	Interior Finishes ~ A2 Unsprinklered (See A7.2) Fire Spread ~ Rooms = Class B ~ Corridors = Class A ~ Lobby = Class B ~ Exit Enclosures = Class A																				
9	Fire Protection Systems n/a																				
10	Means of Egress Table 1004.1.1 Maximum Floor Area Allowances per Occupant <table border="1"> <tr><th>Use Group</th><th>Occupancy Factor</th><th>SqFt</th><th>Occupancy</th></tr> <tr><td>A</td><td>1004.7 Fixed Seats</td><td>900</td><td>54</td></tr> <tr><td>Kitchen</td><td>200 gross</td><td>1100</td><td>6</td></tr> <tr><td>N/A</td><td>0 (toilets/circulation)</td><td>400</td><td>0</td></tr> <tr><td>Totals</td><td></td><td></td><td>60 Occupants</td></tr> </table> 1005.1 Egress Width Occupant Load X 0.2 = 60X0.2 = 12 in (108 in provided) Table 1016.1 Exit Access Travel Distance Without Sprinkler System = 200 ft (59 ft maximum) 1019 Exits 1-500 Occupants = 2 exits (3 provided)	Use Group	Occupancy Factor	SqFt	Occupancy	A	1004.7 Fixed Seats	900	54	Kitchen	200 gross	1100	6	N/A	0 (toilets/circulation)	400	0	Totals			60 Occupants
Use Group	Occupancy Factor	SqFt	Occupancy																		
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Totals			60 Occupants																		

CODE REVIEW

Energy Efficiency
COMcheck Compliance Certificates Included in Permit Submittal



EGRESS PLAN

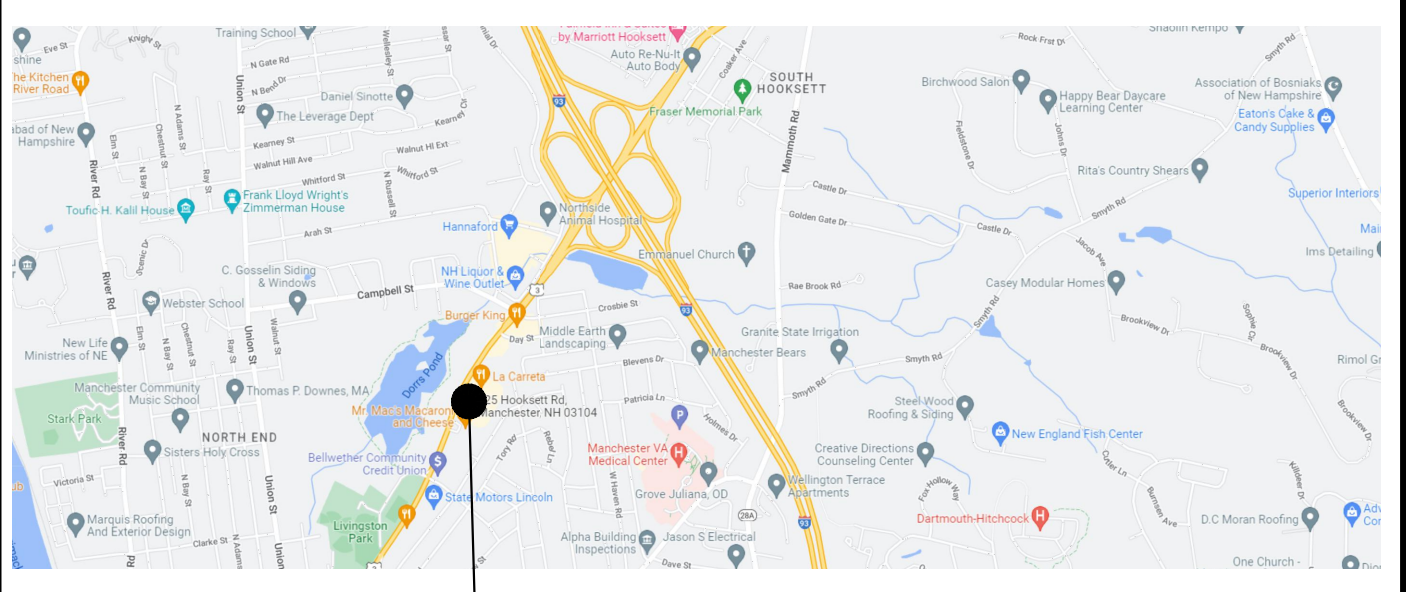
TACO BELL

DRIVE THRU RESTAURANT

ENDEAVOR 50

525 HOOKSETT ROAD

MANCHESTER, NEW HAMPSHIRE



TACO BELL

VICINITY MAP

BUILDING AREA:	2,530 SF
BUILDING HEIGHT:	23'-0" - TOP OF TOWER
SEATING:	54 (5% ACCESSIBLE = 2 ~ 5 PROVIDED)
PARKING:	23 ON SITE (2 ACCESSIBLE)

PROJECT SUMMARY

OWNER Charter Foods PO Box 430 Talbott, TN 37877 Contact: Wayne Ferguson 423.587.0690	ARCHITECT Kathleen Day, Architect 8535 Ferry Road Waynesville, OH 45068 617.331.2545 kathleendayarchitect@gmail.com
CONSTRUCTION MANAGER Charter Foods PO Box 430 Talbott, TN 37877 Contact: Bob Rave 423.587.0690	STRUCTURAL ENGINEER Trav Sweatman 972.849.2987
CIVIL ENGINEER Chris Bednar, PE Karpinski Engineering 3135 Euclid Avenue Cleveland, OH 44115	MECH. / ELEC. ENGINEER Brian Edward Chandler, P.E. 1431 Greenway Drive Irving, TX 75038 972.870.1288

PROJECT DIRECTORY

TITLE/CODE/SCOPE OF WORK

T1.0 TITLE SHEET AND CODE REVIEW	X
SW1.0 SCOPE OF WORK	X

CIVIL (ISSUED SEPARATELY)

SITE DETAILS (ISSUED SEPARATELY)

STRUCTURAL

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

ARCHITECTURAL

A1.0 FLOOR PLAN	X
A1.1 DOOR & WINDOW TYPES & SCHEDULES	X
A2.0 EQUIPMENT AND SEATING PLAN	X
A2.1 EQUIPMENT SCHEDULE	X
A3.0 ROOF PLAN	X
A4.0 EXTERIOR ELEVATIONS	X
A4.1 EXTERIOR ELEVATIONS	X
A5.2 WALL SECTIONS	X
A5.3 WALL SECTIONS	X
A5.4 WALL SECTIONS	X
A6.0 CONSTRUCTION DETAILS - ROOF	X
A6.1 CONSTRUCTION DETAILS - DOOR / WINDOW	X
A6.2 CONSTRUCTION DETAILS - WALLS	X
A6.3 CONSTRUCTION DETAILS - WALL	X
A6.4 CONSTRUCTION DETAILS - INTERIOR	X
A6.5 CEILING DETAILS	X
A7.0 FLOOR FINISH PLAN	X
A7.1 REFLECTED CEILING PLAN	X
A7.2 FINISH SCHEDULE	X
A8.0 INTERIOR ELEVATIONS - DINING ROOM	X
A8.1 INTERIOR ELEVATIONS, ENLARGED RESTROOM & OFFICE PLAN	X
A8.2 INTERIOR ELEVATIONS - KITCHEN	X
A8.3 INTERIOR ELEVATIONS - KITCHEN	X
G4.0 SIGNAGE PLAN	X
G4.1 SIGNAGE DETAILS	X

ACCESSIBILITY

ADA1.0 ACCESSIBILITY REQUIREMENTS	X
ADA1.1 ACCESSIBILITY REQUIREMENTS	X
ADA1.2 ACCESSIBILITY REQUIREMENTS	X

MECHANICAL

M1.0 MECHANICAL SCHEDULES AND NOTES	X
M2.0A DUCT AND DIFFUSER PLAN	X
M3.0 HOOD DRAWINGS - PLANS AND SECTIONS	X
M4.0 MECHANICAL AND HOOD DETAILS	X
M5.0 INSTALLATION START-UP PRE-COMM CHECKLIST	X
MP1.0 MP ROOF PLAN	X

PLUMBING

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

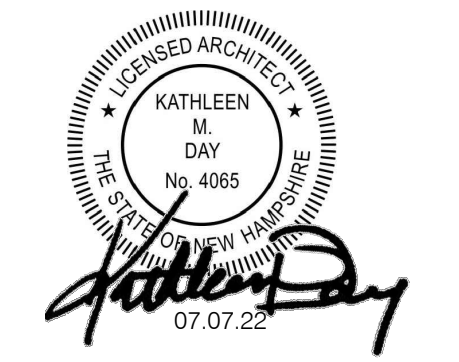
ELECTRICAL

E1.0 SITE ELECTRICAL PLAN	X
E1.1 SITE PHOTOMETRIC PLAN	X
E2.0 RISER DIAGRAM AND LEGEND	X
E2.1 PANEL SCHEDULES AND LOAD SUMMARY	X
E2.2 ELECTRICAL SCHEDULES	X
E3.0 POWER FLOOR PLAN	X
E3.1 ENLARGED POWER PLAN AND DETAILS	X
E3.2 POWER ROOF PLAN	X
E4.0A LIGHTING PLAN AND SCHEDULE	X
E5.0 COMMUNICATIONS PLAN	X
E6.0 ELECTRICAL DETAILS	X
E6.1 ELECTRICAL DETAILS	X
E7.0 ELECTRICAL DETAILS	X

SPECIFICATIONS

IN BOOK FORMAT	X
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waynesville, oh 45068
617-331-2545
kathleendayarchitect@gmail.com



CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

TACO BELL
525 Hooksett Road
Manchester, New Hampshire 03104



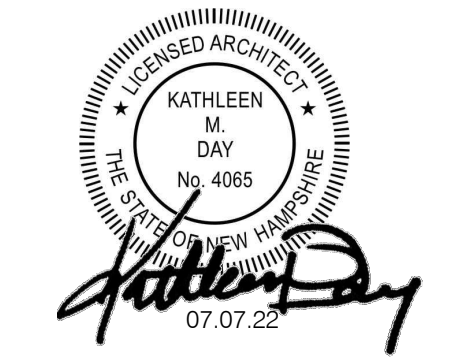
TITLE SHEET

T1.0

PERMIT PLOT DATE:

SHEET INDEX

TITLE	DESCRIPTION	SUPPLIER	MANUFACTURER'S MODEL	A&D ITEM #	ORDERED BY	SHIPPED BY	INSTALLED BY	SHOP DRAWINGS
6200	Roof Access Ladder & Hatch	Precision	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)	DIS	DIS	GC	
8341	Door - Security	LockNet	DU3670L52VED	-	RSCS	RSCS	GC	
10290-1	Air Curtain (D/T Window)	Marley	E2400-1115FG	B-151	DIS	DIS	GC	
10290-2	Air Curtain (Service Door)	Marley	E4200-1175	B-150	DIS	DIS	GC	
	Exterior Digital Menu Board & Optional Digital Preview Board	Everbrite Stratacache	-	-	CM (Company), CM or DIS (Franchise)	Manufacturer	GC - Foundation and Conduit Sign Vendor DMB Ins	X
	Interior Menuboard	VGS	-	-	DIS	Manufacturer	GC	
	Digital Menu Board	Stratacache	-	-	-	-	-	
10430	Signage (Bldg Signs, Road Signs, Directional Signs)	Cummings Signs Everbrite (Preferred Supplier) AGI	VARIES VARIES -	VARIES VARIES -	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
10536	Canopies	Cummings Signs Everbrite (Preferred Supplier) AGI	VARIES VARIES -	VARIES VARIES -	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
10810	Restroom Accessories	Accuserv	VARIES	F-452 (if indicated in plan set), B-241, B-265, B-275, B-290 (where occurs), B-291 (where occurs), B-300, B-305, B-405, B-410	DIS	DIS	GC	
11020-1	Safe	Brinks	Tidel Series 4 (dual single note validator, standard side vault)	F-174	CM	BRINKS	BRINKS	
11020-2	Security System	Tyco	-	-	CM	Manufacturer	GC	X
11030-1	Drive-thru Window	Quikserv	GKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
11030-3	Drive-thru Clearance Bar	Cummings Signs Everbrite (Preferred Supplier) AGI	- - -	- - -	CM	Manufacturer	GC	
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171	-	Manufacturer	Manufacturer	GC	
11100-3	P.O.S.	IBM NCR PAR	- - -	VARIES VARIES VARIES	TB / IT	Manufacturer	SSP	X
11100-4	Credit Card Payment System	Hughes Network Systems	-	-	TB / IT	Manufacturer	SSP	
11300-1	Order Confirmation Board (OCB)	Delphi Display Systems Hyperactive Texas Digital	P6YUC5STDUSV1S; P6YOC5STDUSEN1S TDMHX2H01TCB;TDMHX1H26 AVNGE60	L-090 L-095	DIS	DIS	GC (see Scope of Work notes)	
11300-2	Drive-thru Speaker & Microphone	HME 3M Food Services Trad Dept	C400005HS3TB; C11422TB 78691149153; G55HSSINGLE	U-011; S-204 -	DIS	Manufacturer	GC	
11300-4	DT Canopy	Cummings Signs Everbrite (Preferred Supplier) AGI	- - -	V-350	CM, Franchisee or DIS on behalf of Franchisee	Manufacturer	GC (see Scope of Work notes)	X
11400-1	Kitchen Equipment	N. Wasserstrom (Franchise only) RSCS (Preferred Supplier)	VARIES VARIES	VARIES VARIES	DIS	DIS	GC (see General Comments)	X
11400-5	GTO with EVO Production Line	Delfield Duke Carter Hoffman (EvO cabinets)	VARIES VARIES VARIES	VARIES VARIES VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	X
11405-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S. Norlake	VARIES VARIES	VARIES VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	X
11425	Exhaust Hoods	Stratovent (preferred supplier) Gaylord Industries (Boiler hood) Randell (alternate supplier)	VARIES VARIES VARIES	VARIES VARIES VARIES	DIS	DIS	GC	X
11430-2	Drink Dispensers / Line Sets	Pepsi	-	-	RSCS	Pepsi	Pepsi (Local installer)	
11435-6	Ice Machines	Manitowoc Ice Inc & Hoshisaki	Manitowoc SY-1474C	S-513	DIS	Manufacturer	Manufacturer (Local Installer)	
11680	Office Computer (Taco System)	En Pointe Global Services	-	F-040, F-060	TB / IT	SSP	SSP	
12100-1	Artwork	GFX VGS Creative Pallette	VARIES - -	- - -	DIS	DIS	GC	
12400-5	Décor	Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX	VARIES VARIES VARIES	- - -	DIS	DIS	GC	X
12430	Fruitista Machine	Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering	VARIES VARIES VARIES VARIES	VARIES VARIES VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	
12440	Iced Tea	Pepsi	E56150000	S-546	DIS	Supplier	GC / Supplier	
13200	CO2 - Bulk	MVE (bulk tank) NU CO2 (CO2 and service)	VARIES VARIES	S-580 S-580	DIS	DIS	Manufacturer (Local Installer)	
13700-4	CCTV	MARTCO	-	-	RSCS	MARTCO	MARTCO	X
13800-1	Energy/Building Management System	Air Care Experts Air Care Experts	TBCCB-Varies TBCCB-Varies	- -	DIS DIS	DIS DIS	GC GC	
13800-2	Hood Shutdown System	Air Care Experts	TBANS	-	Contractor	Air Care	GC	
13900-1	Fire Suppression System	Ansul	-	-	GC	GC	GC (Local Installer)	
15410	Hand Sinks	Aero	HS-Mod	N-053	DIS	DIS	GC	
15470-5	Water Filter	Shurflo	WB6-M3-22-003	-	DIS	Manufacturer	GC (see Vendor Scope - Pepsi Drink System)	
15480-3	Water Heater	AO Smith (standard) Bradford White (alternate)	AO Smith BTH-120 (standard) -	B-215 B-215	RSCS	RSCS	GC	
	Water softener	-	-	-	RSCS	RSCS	GC	
15500-1	HVAC - Test and Balance	- Melink Corp/ Air Care Experts	- - -	- - -	Determined by CM or RCM; Approved options - GC CM/RCM	Determine by CM or RCM; Approved options - GC CM/RCM	Determined by GC / CM / RCM	X
15500-2	Commissioning	Air Care Experts	-	-	-	-	-	
15500-3	Visual Verification	Air Care Experts	-	-	GC	Air Care Experts	GC	
15700-1	HVAC	Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York International (Franchisee Only)	VARIES VARIES VARIES	- - -	GC GC	Manufacturer Manufacturer	GC GC	X
16300-1	Switchgear - Franchisee	Accuserv Capital Lighting	Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES	DIS DIS	DIS DIS	GC GC	X
16300-2	Switchgear - Company	Capital Lighting Accuserv	Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES	GC or RSCS (confirm with CM at time of bid)	GC	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 Accuserv (all lighting except BOH & restrooms)	VARIES VARIES	- -	DIS DIS	DIS DIS	GC GC	X
16520	Light Fixtures - Site	Capital Lighting Accuserv	VARIES VARIES	- -	DIS DIS	DIS DIS	GC GC	
16720	Telephone Communications	YUM! Telecom (Company stores) By owner through local phone service provider (franchise)	- -	- -	TB Franchisee	Manufacturer Manufacturer	Manufacturer (Local Installer) Manufacturer (Local Installer)	X
16820-3	Music System	Mood Media	-	F-131	TB	Manufacturer	Manufacturer (Local Installer)	X
	Coffee Brewer	Bunn	42300.0008	S-547	RSCS	RSCS	GC	
	Floor and Wall Tile	Creative Materials	-	-	GC	Manufacturer	GC	X



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CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

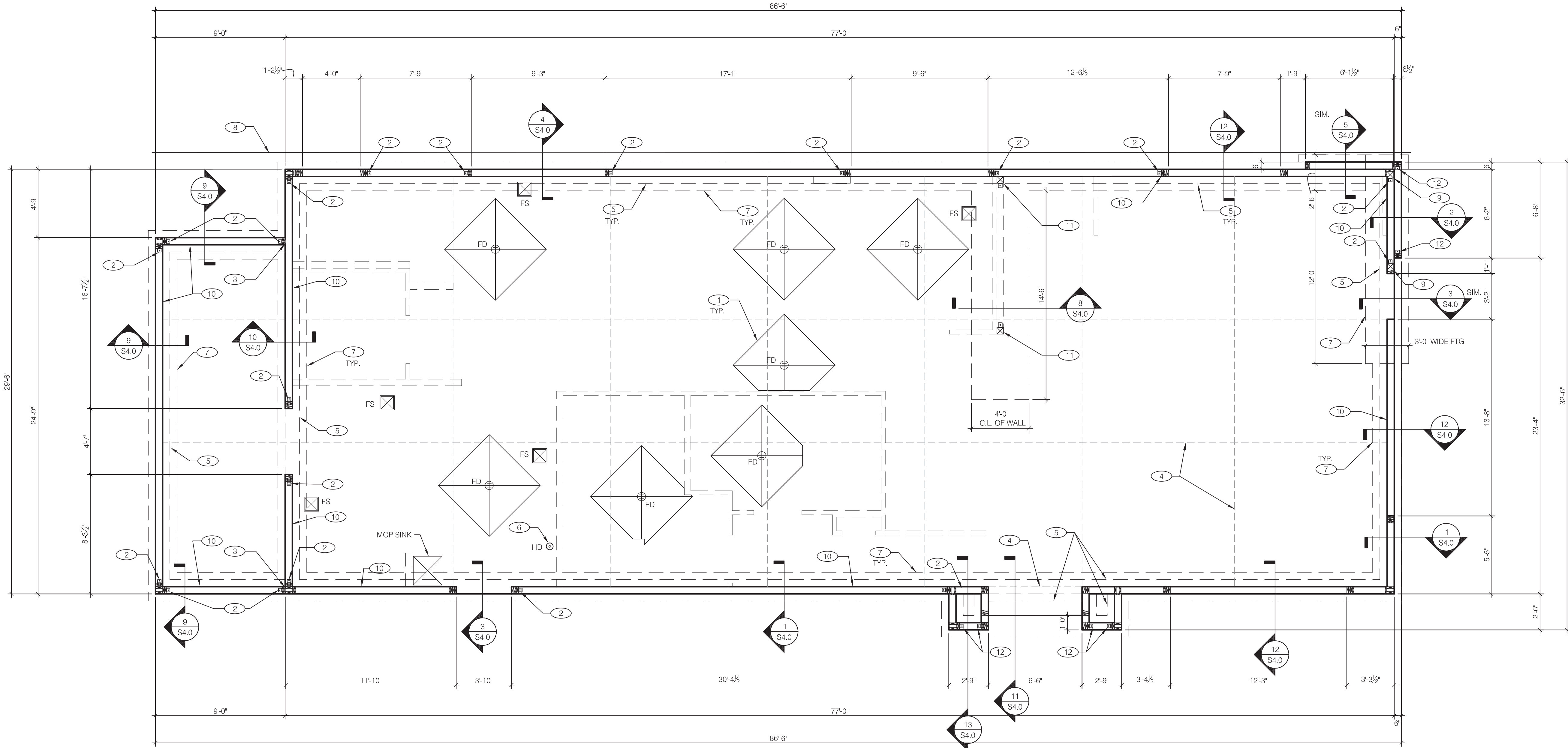
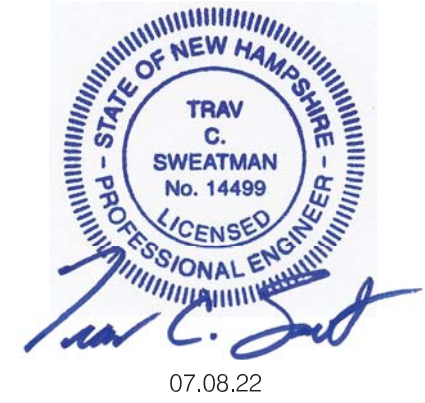


SCOPE OF WORK

SW1.0
 PERMIT PLOT DATE:

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 617-331-2545
 kathleendayarchitect@gmail.com

ENGINEER:
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 1999 CALLOWAY LANE
 FRISCO, TX 75036-7723
 PHONE 972.849.2987
 E-MAIL trav@tcseng.com



DIMENSIONS THIS SHEET TO EDGE OF CONCRETE

12 11 10 9 8 7 6 5 4 3 2 1

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

DESIGN CRITERIA:

2015 INTERNATIONAL BUILDING CODE (2015 IBC)	SEISMIC USE GROUP: 1
	SEISMIC IMPORTANCE FACTOR: 1.0
	SITE CLASS: D
	MAPPED SPECTRAL RESPONSE ACCEL:
ROOF SNOW LOADS:	Ss: 0.268
GROUND SNOW LOAD (Pg): 60 PSF	S1: 0.081
EXPOSURE FACTOR (Ce): 1.0	SPECTRAL RESPONSE COEFF.: 0.283
IMPORTANCE FACTOR (I): 1.0	SHORT PERIODS (SDS): 0.130
FLAT-ROOF SNOW LOAD (P): 37.8 PSF + DRIFT	1 SEC. PERIODS (SD1): 0.130
THERMAL FACTOR (Ct): 1.0	SEISMIC DESIGN CATEGORY: B
	FRAMING SYSTEMS:
ROOF LOADS:	BASIC STRUCTURAL SYSTEM: LOAD BEARING WALL SYSTEM
LIVE LOAD: 20 PSF	SEISMIC RESTRICTING SYSTEM: WOOD SHEAR WALLS
DEAD LOAD: 20 PSF	RESPONSE MOD. FACTOR (R): 6.5
	DEFL. AMPL. FACTOR (Cd): 4.0
WIND LOADS:	DESIGN BASE SHEAR (V): 0.044W
ULTIMATE WIND SPEED: Vult = 117 MPH	
NOMINAL WIND SPEED: Vasd = 90.6 MPH	
IMPORTANCE FACTOR: 1.0	
EXPOSURE CATEGORY (MMFRS): B	
INTERNAL PRESSURE COEFF.: ±0.18	ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE
COMPONENT & CLADDING DESIGN PRESSURE: 24.0 PSF	
DESIGN UPLIFT (NET): 12.0 PSF	

FOUNDATION

- NO GEOTECHNICAL SOILS INVESTIGATION OF THE ON-SITE SOILS WAS PERFORMED.
- CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
- FOUNDATION DESIGN IS BASED ON AN ASSUMED 1,500 PSF ALLOWABLE BEARING CAPACITY PER THE BUILDING CODE REQUIREMENTS.
- CONTRACTOR SHALL TREAT SOIL BELOW SLAB FOR TERMITES.
- SINCE NO GEOTECHNICAL SOILS RECOMMENDATIONS ARE AVAILABLE FOR THE PREPARATION OF THE ON SITE SOILS, THE FOUNDATION MAY BE SUBJECTED TO DIFFERENTIAL FOUNDATION MOVEMENT WHICH COULD CAUSE DISTRESS TO THE ARCHITECTURAL FINISHES AND STRUCTURE ABOVE. FURTHER, UNDERGROUND UTILITY CONNECTIONS BENEATH THE FOUNDATION COULD ALSO BE AFFECTED.
- 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.
- OWNER IS RESPONSIBLE TO HAVE ANY CUT AND FILL OPERATIONS MONITORED AND HAVE FIELD DENSITY AND MOISTURE CONTENT TESTS PERFORMED 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.

SUBGRADE PAD PREPARATION RECOMMENDATIONS

- THESE SUMMARY RECOMMENDATIONS ARE GENERALIZED AND NOT PROVIDED BY A GEOTECHNICAL ENGINEER.
- UNLESS SPECIFICALLY INDICATED OTHERWISE IN THE DRAWINGS, THE LIMITS OF THIS SUBSURFACE PREPARATION ARE CONSIDERED TO BE THAT PORTION OF THE SITE DIRECTLY BENEATH THE BUILDING AND FIVE FEET BEYOND. BUILDING IS REFERRING TO AND INCLUDES ALL AREAS AS SHOWN ON SHEET S1.0. THE VAPOR BARRIER, WHERE REQUIRED, DOES NOT EXTEND BEYOND THE LIMITS OF THE ACTUAL BUILDING.

3. ALL VEGETATION, CONCRETE, STUMPS, BRUSH, ABANDONED STRUCTURES, ROOTS, RUBBISH, AND ANY OTHER UNDESIRABLE MATTER SHOULD BE REMOVED.

4. AFTER SUBGRADE PREPARATION IS COMPLETE, THE PLACEMENT OF STRUCTURAL FILL MAY BEGIN. THE STRUCTURAL FILL MATERIALS SHOULD BE FREE OF ORGANICS OR OTHER DELETERIOUS MATERIALS AND SHOULD HAVE A MAXIMUM PARTICLE LESS THAN 4 INCHES. THE STRUCTURAL FILL MATERIAL SHOULD HAVE A PLASTICITY INDEX LESS THAN 30%. THE FILL SHOULD BE PLACED IN COMPACTION CONTROLLED 8 INCH HORIZONTAL LIFTS AND SHOULD BE COMPACTED WITHIN THE RANGE OF -2 TO +2 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE, AND COMPACTED TO AT LEAST 98 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. EACH LIFT OF STRUCTURAL FILL SHOULD BE TESTED.

5. THE EXPOSED SUBGRADE SHALL BE PROTECTED AGAINST EXCESSIVE DRYING OR EXPOSURE TO MOISTURE. THE SITE SHALL BE GRADED TO PREVENT PONDING OF WATER WITHIN EXCAVATED AREAS. ACCUMULATED WATER SHALL BE REMOVED IMMEDIATELY. EXCAVATIONS FOR FOUNDATIONS SHOULD BE FILLED WITH CONCRETE BEFORE THE END OF THE WORKDAY OR SOONER IF NECESSARY TO PREVENT DETERIORATION OF THE BEARING SURFACE. IF DELAYS OCCUR, THE EXCAVATION SHOULD BE DEEPENED AS NECESSARY AND CLEANED. IN ORDER TO PROVIDE A FRESH BEARING SURFACE, IF MORE THAN 24 HOURS OF EXPOSURE OF THE BEARING SURFACE IS ANTICIPATED IN THE EXCAVATIONS, A MUD SLAB SHOULD BE USED TO PROTECT THE BEARING SURFACES. IF A MUD SLAB IS USED, THE FOUNDATION EXCAVATIONS SHOULD INITIALLY BE OVER-EXCAVATED BY APPROXIMATELY 4 INCHES AND A LEAN CONCRETE MUD SLAB OF APPROXIMATELY 4 INCHES IN THICKNESS IS PLACED IN THE BOTTOM OF THE EXCAVATIONS IMMEDIATELY FOLLOWING EXPOSURE OF THE BEARING SURFACE.

6. THIS PAD PREPARATION DOES NOT CONSTITUTE A COMPLETE SITE WORK SPECIFICATION.

CONCRETE:

A. 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	AGGREGATE	SLUMP	TOLERANCE
SLAB ON GRADE (4,000 DESIGN)	28 DAYS PSI	SIZE-INCHES	INCHES	±1/2"
FOUNDATIONS (3,000 DESIGN)	1" #4	3-1/2"	±1/2"	

B. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECIFS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE.

C. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.

D. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-308-95 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.

E. ANCHOR BOLTS - A36 OR A307, USE 5/8" DIAMETER x 12" ANCHOR BOLTS (A.B.) AT 72" O.C. U.O.N. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONC.

SLAB:

A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ WWF #6@W1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY. OVER 15 MIL STEGO WRAP VAPOR BARRIER, OVER 6" AGGREGATE BASE, OVER ENGINEERED SUBGRADE. MODIFY AS REQUIRED TO COMPLY WITH REQUIREMENTS OF SOILS REPORT AS REQUIRED.

MISCELLANEOUS:

A. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.

B. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

C. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.

D. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.

E. SEE ELEC. DWGS. FOR ELEC. LAYOUT DIMENSIONS, U.O.N.

F. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

- SLAB SHALL BE PITCHED 1/2" FOR 5'-0" x 5'-0" SQUARE AT ALL FLOOR DRAINS U.O.N. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
- SHEARWALL HOLDDOWN. REFER TO D/S2.0 FOR SIZE & SEE DETAILS 19 & 20/S4.1. FOR ANCHOR BOLT, SEE D/S2.0. AND DETAIL 6/S4.0.
- CONTINUE SHEAR WALL SHEATHING PAST INTERSECTING WALL WITHOUT INTERRUPTION.
- SLAB CONTROL JOINT PER PLAN AT 11'-0" O.C. EACH WAY (MAX.). SEE DETAIL 7/S4.0.
- INDICATES INSIDE SURFACE OF GRADE BEAM. SEE SHEET S4.0.
- PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS)
- INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- LINE OF DRIVE-THRU CURB. SEE CIVIL DRAWINGS.
- 6x6 POST AT HDUB HOLDDOWN. SEE DETAIL 6/S4.0.
- 6" WIDE x 6" HIGH CURB.
- HDU14 HOLDDOWN ANCHOR WITH 6x6 POST AT EACH END OF INTERIOR SHEARWALL. SEE DETAIL 6/S4.0 FOR HOLDDOWN EMBEDMENT DETAIL.
- HTT5 HOLDDOWN ANCHOR. SEE 6/S4.0 FOR HOLDDOWN EMBEDMENT DETAIL.

PROVIDE SHOP DRAWINGS AND CALCULATIONS BY REGISTERED ENGINEER FOR ROOF TRUSSES, SIGNS AND AWNINGS

DESIGN CRITERIA F

FOUNDATION PLAN NOTES C

KEY NOTES N.T.S. B

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

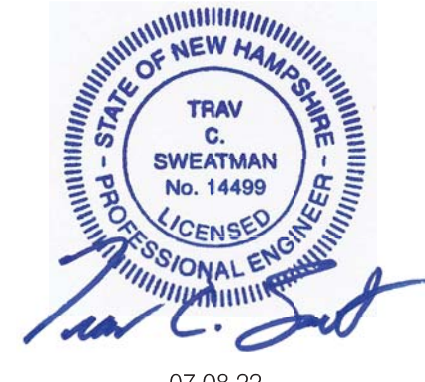
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

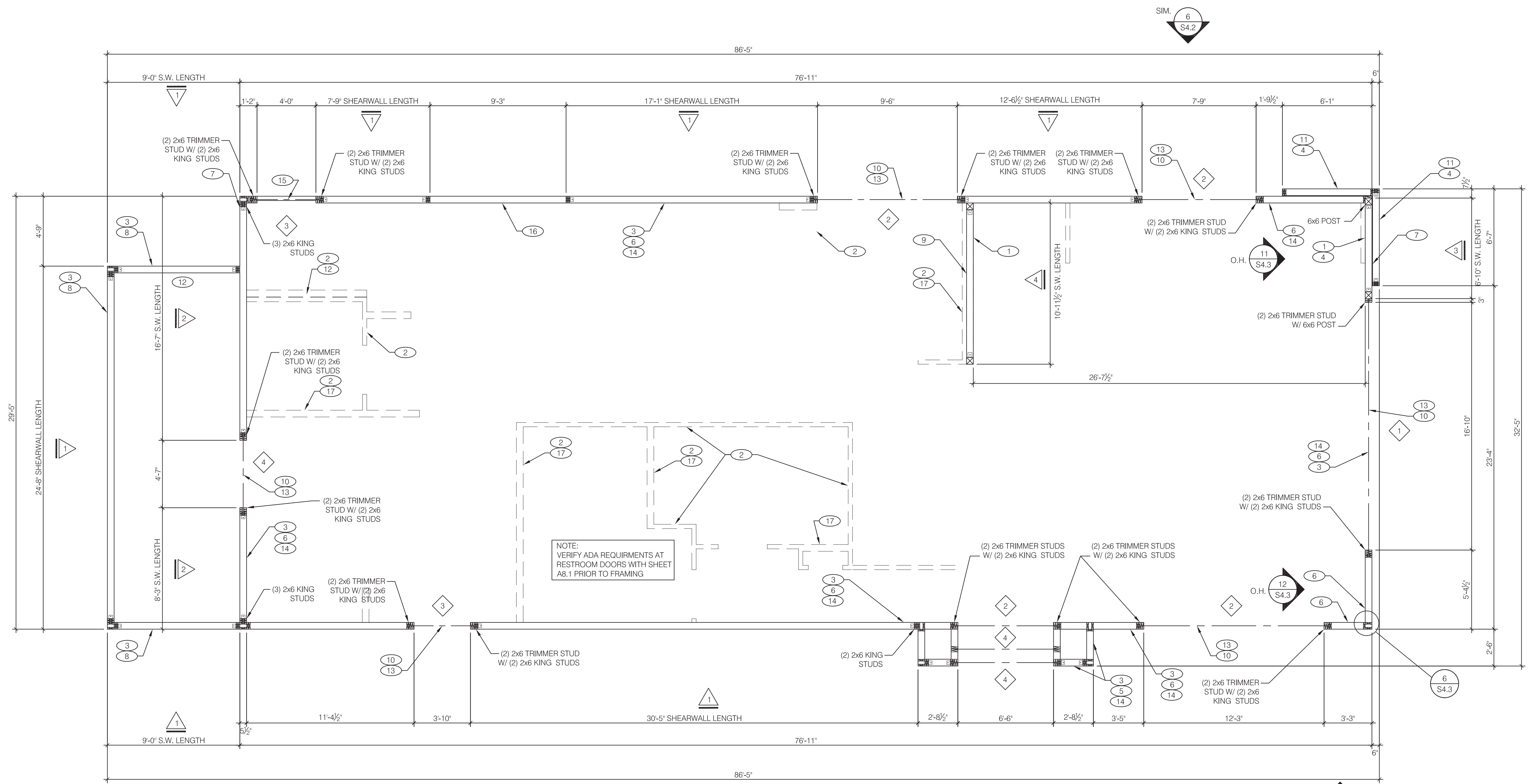
FOUNDATION PLAN

S1.0

PERMIT PLOT DATE: 07.08.22



07.08.22



DIMENSIONS THIS SHEET TO EDGE OF FRAMING

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

MARK	BUILT-UP SECTION	MANUF. MEMBER
1	5 1/2 x 14 LVL	--
2	5 1/2 x 11 1/2 LVL	--
3	No. 1 (3) 2x12	No. 1 DOUGLAS FIR
4	(3) 2x8	--

NOTES:
 1. BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. SEE 12/S4.2 FOR CONNECTION.
 2. MANUFACTURED LUMBER TO BE 2.0E MICROLAM LVL BY TRUS JOIST OR APPROVED EQUAL (ESR-1153). CONTACT THE LOCAL TRUS JOIST REPRESENTATIVE FOR AVAILABILITY. SEE 12/S4.2 FOR CONNECTION.

HEADER SCHEDULE **F**

SW	SHEATHING	EDGE	FIELD	HOLDOWN	SILL PLATE ANCHOR BOLT	REMARKS
1	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	HDU4	5/8" DIA. A307 (2x3) @ 48" O.C. W/ 1/4" THK SILL WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	HDU4	5/8" DIA. A307 (2x3) @ 24" O.C. W/ 1/4" THK SILL WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
3	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	HDU8	5/8" DIA. F1554 (24) @ 16" O.C. W/ 1/4" THK SILL WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
4	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	HDU14	5/8" DIA. F1554 (18) @ 8" O.C. W/ 1/4" THK SILL WASHER	PLYWOOD ON BOTH FACES OF STUDS
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" DIA. A307 (2x3) @ 48" O.C. W/ 1/4" THK SILL 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.
 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.
 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.
 5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.
 6. HDU1 REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER 6/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQS.
 7. EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLD-DOWNS.
 8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.

WALL SHEATHING AND SHEARWALL SCHEDULE **D**

A. EXTERIOR WALL NON-BEARING & BEARING STUDS SHALL BE NO. 1 SPRUCE-PINE-FIR. INTERIOR WALL STUDS MAY BE STUD GRADE. REFER TO 8/S4.1.
 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 PRESERVATIVE 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 SPLICE 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 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.

FRAMING PLAN NOTES **C**

- 1 2x6 STUDS AT 16" O.C. FOR SHEAR WALL TYPES 3 AND 4.
- 2 INTERIOR NONBEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 13 & 14/S4.1 AND WALL FRAMING NOTES.
- 3 (2) 2x6 TOP PLATES - SPLICE PER 15/S4.1. U.O.N.
- 4 TOP OF PLATE ELEVATION 23'-0" AT PARAPET (TOWER).
- 5 TOP OF FRAMING ELEVATION 20'-0" AT FRONT AND SIDES (TOWER).
- 6 TOP OF PLATE ELEVATION 18'-0" AT PARAPET.
- 7 EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH ADJACENT OR TOWER FRAMING - TYPICAL.
- 8 TOP OF PLATE ELEVATION 13'-10" AT PARAPET.
- 9 NO PENETRATIONS ALLOWED IN SHEAR WALL PANELS.
- 10 SEE 6/S4.2 FOR WALL FRAMING AT OPENING.
- 11 SEE DETAIL 1/S4.2 FOR BUILD-OUT ATTACHMENT.
- 12 COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- 13 SEE 12/S4.2 FOR TYPICAL HEADER.
- 14 CONT. SILL GASKET BELOW SILL PLATES WITH 5-1/2" WIDE POLYETHYLONS.
- 15 PROVIDE HEADER FOR FUTURE OPENING.
- 16 PROVIDE METAL WALL STUDS BEHIND FRY HOOD. RE: ARCH.
- 17 COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.

KEY NOTES **B**

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

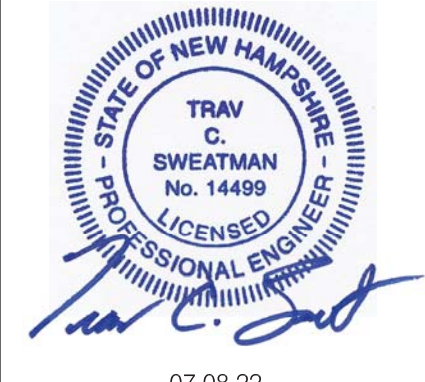
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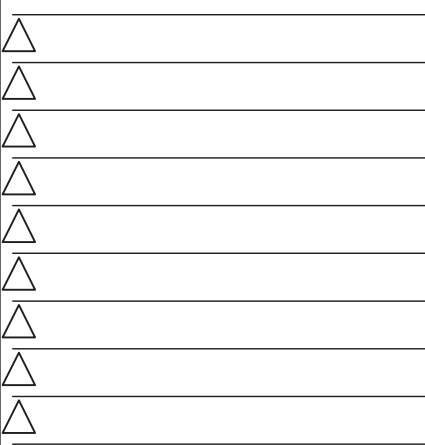
WALL FRAMING PLAN

S2.0

PERMIT PLOT DATE: 07.08.22



07.08.22



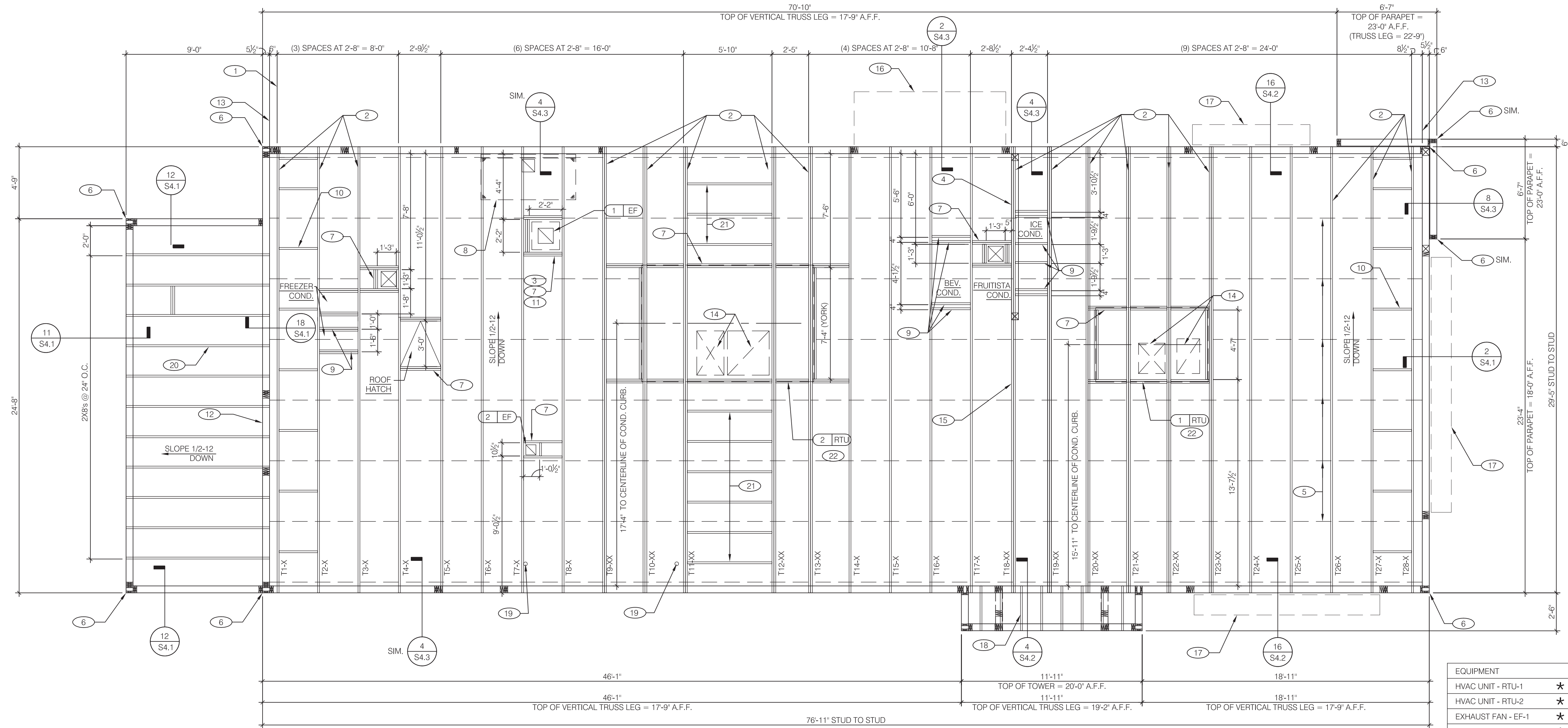
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

ROOF FRAMING PLAN
S3.0

PERMIT PLOT DATE: 07.08.22



EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	★ 1,700 lbs.
HVAC UNIT - RTU-2	★ 3,500 lbs.
EXHAUST FAN - EF-1	★ 125 lbs.
EXHAUST FAN - EF-2	★ 100 lbs.
HOOD #1 - TACO BELL	300 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.
BEVERAGE CONDENSER	300 lbs.

★ A. ALL DESIGN WEIGHTS INCLUDE CURB.
 B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.
 C. MAXIMUM RTU WEIGHT: 3,500 LBS (WITH CURB).
 D. CONFIRM ALL WEIGHTS WITH ACTUAL ITEMS PROVIDED.

ROOF TOP UNIT WEIGHTS

EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES - COMPLY WITH TRUSS PLATE INSTITUTE BRACING REQUIREMENTS.

ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS.

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

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	-
EN	10d @ 6" O.C.	-
FN	10d @ 12" O.C.	-
ROOF SHEATHING	5/8" CDX PLYWOOD (40/20), PS1 RATING	-

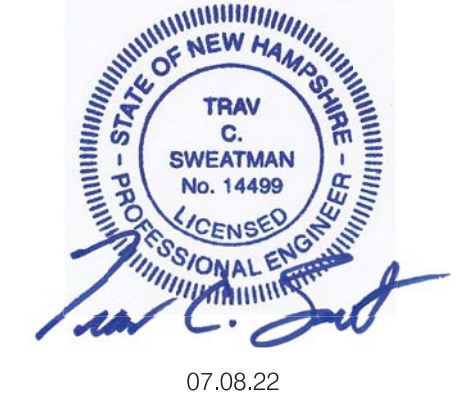
NOTE:
 SEE 13/S4.2 FOR DEFINITIONS.

NAILING SCHEDULE - ROOF **D**

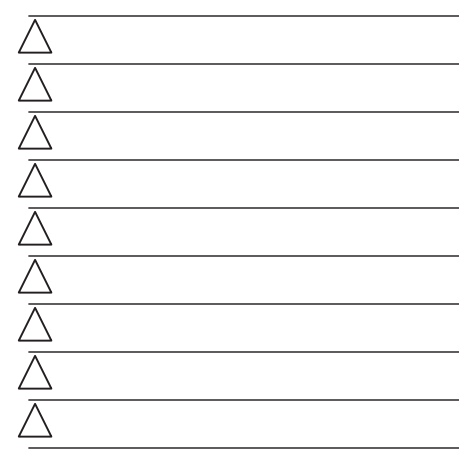
ROOF FRAMING NOTES **C**

ROOF FRAMING NOTES:
 A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS. PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 14/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 19/S4.3.
 C. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS AND CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (IN THE STATE OF NEW HAMPSHIRE). SUBMIT SHOP DWGS AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT.
 D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.
 E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED THROUGHOUT PROJECT.
 F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 16/S4.3.
 G. MFRD ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 18/S4.3.
 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 CONTRACTORS EXPENSE.
 L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.
 M. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

- KEY NOTES** **B**
- STARTING POINT OF TRUSS LAYOUT - REAR EDGE OF TRUSS.
 - VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT OR SNOW DRIFT LOADING, TYPICAL. SECOND TRUSS (IF REQ'D) SHALL BE LOCATED ON THE FRONT SIDE OF ILLUSTRATED TRUSS.
 - COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
 - INTERIOR SHEAR WALL BELOW. ALIGN KITCHEN SIDE OF WALL WITH SIDE OF TRUSS. SEE DETAIL 9/S4.1. PROVIDE BLOCKING AROUND ALL SHEAR WALL PENETRATIONS.
 - CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 48" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 16/S4.1 FOR LAP CONFIGURATION.
 - SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
 - (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. ALL ROOF OPENINGS - SEE DETAIL 3/S4.2.
 - LOCATION OF HOOD. SEE SHT. M3.0 HOOD DRAWINGS FOR HOOD. ALSO DETAIL 17/S4.3 FOR ATTACHMENT.
 - 2x6 JOIST W/ U26 EACH END FOR LENGTH OF CONDENSER PLATFORM. SEE SHEET A3.0 FOR LOCATION.
 - 2x6 BLOCKING AT 48" O.C.
 - EXHAUST DUCT OPENING SIZED FOR "DUCT WRAP". ADJUST ROUGH OPENINGS AS REQUIRED WHERE 1-HR DUCT SHAFT CONSTRUCTION IS REQUIRED BY LOCAL CODE. REFER TO MECH. DWGS.
 - 2x8 LEDGER. SEE DTL. 18/S4.1.
 - DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.
 - HVAC ROOF OPENING FOR DUCT. VERIFY SIZE AND LOCATION WITH HVAC MFR. & MECHANICAL DWGS.
 - DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS AS REQUIRED. DESIGN DRAG TRUSS FOR 365 PLF ALONG TOP CHORD OF TRUSS (10,000 LBS TOTAL). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10Dd NAILS @ 4" O.C. ALONG ENTIRE LENGTH OF TRUSS.
 - CANOPY. SEE 2/S4.3.
 - METAL CANOPY BY SIGN VENDOR.
 - 2x6 JOISTS AT 16" O.C.
 - COORDINATE LOCATIONS OF WATER HEATER FLUES WITH MECHANICAL AND PLUMBING DWGS.
 - 2x8 JOISTS AT 2'-0" O.C. WITH SIMPSON U-26 EA. END.
 - 2x6 JOISTS AT 2'-0" O.C. WITH SIMPSON U-26 EA. END.
 - FRAMING FOR YORK RTU SHOWN. COORDINATE WITH TRUSS MANUFACTURER IF ALTERNATE RTU OPTION IS CHOSEN.



07.08.22



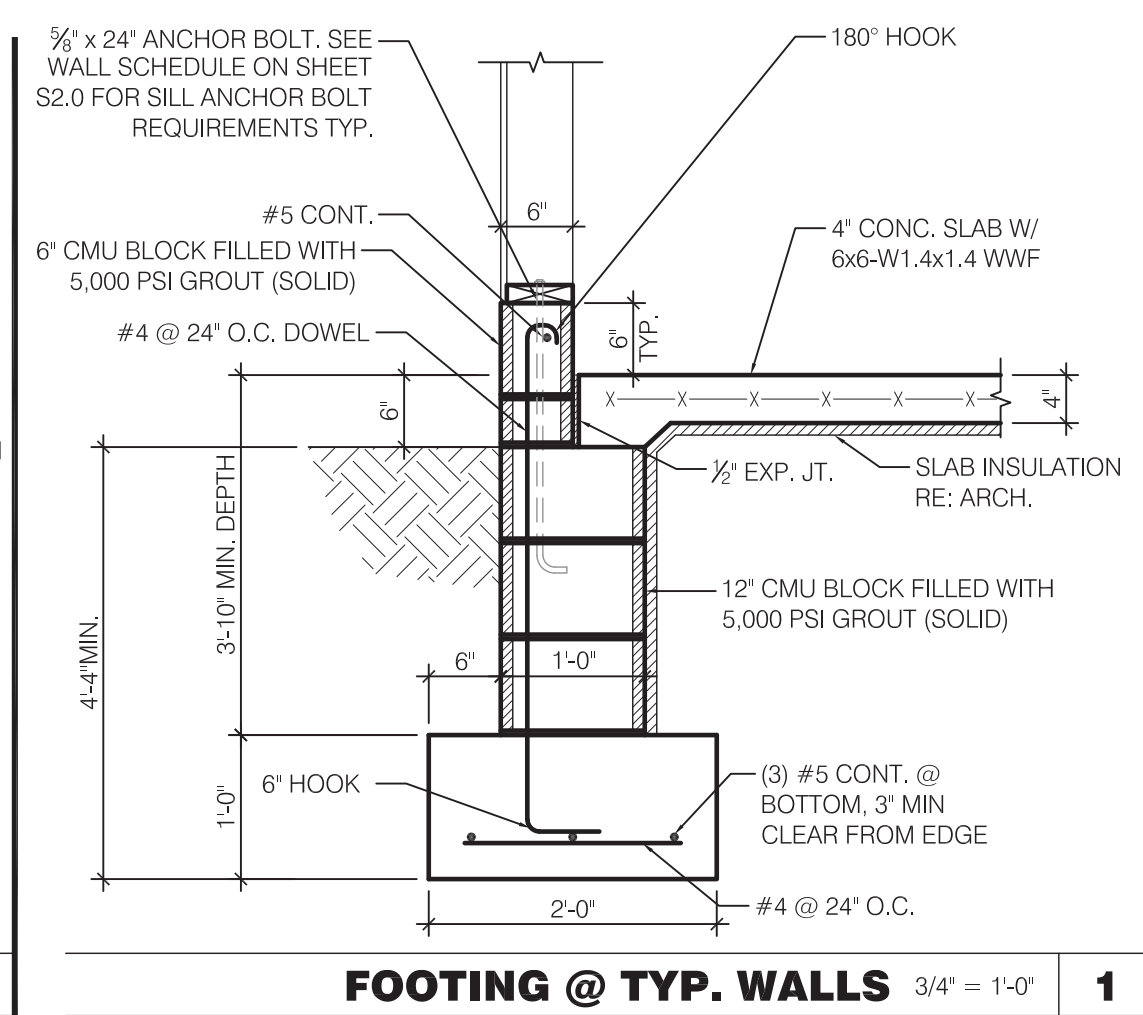
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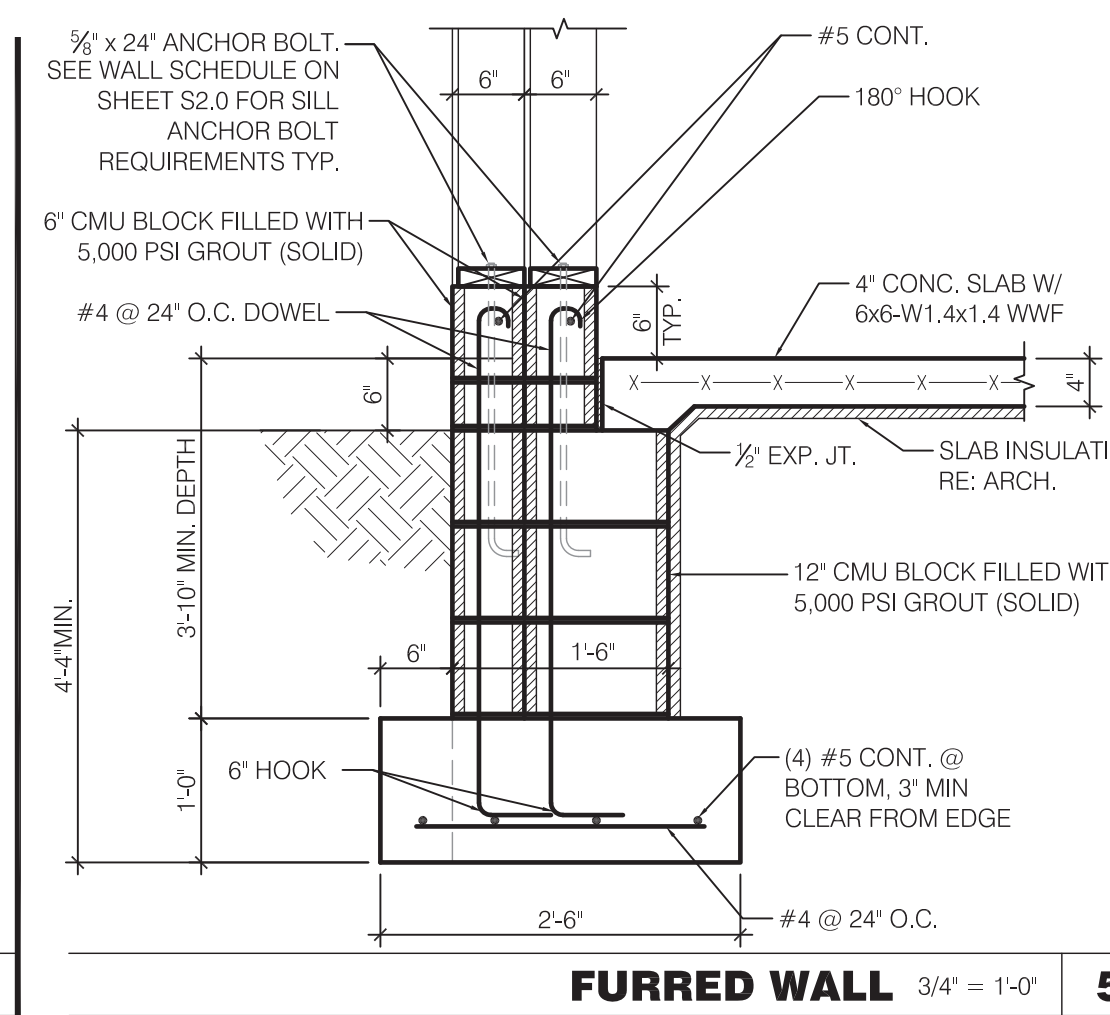


FOUNDATION DETAILS
S4.0

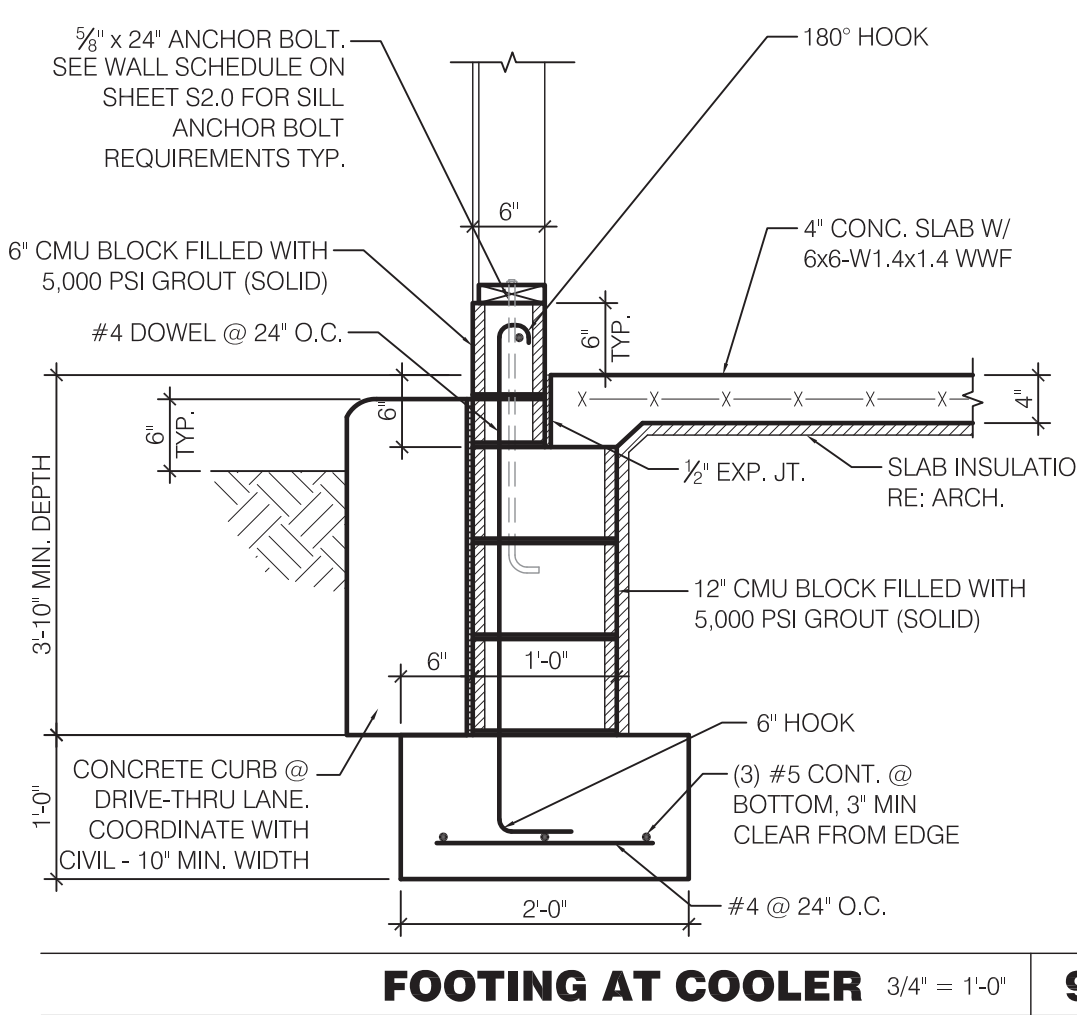
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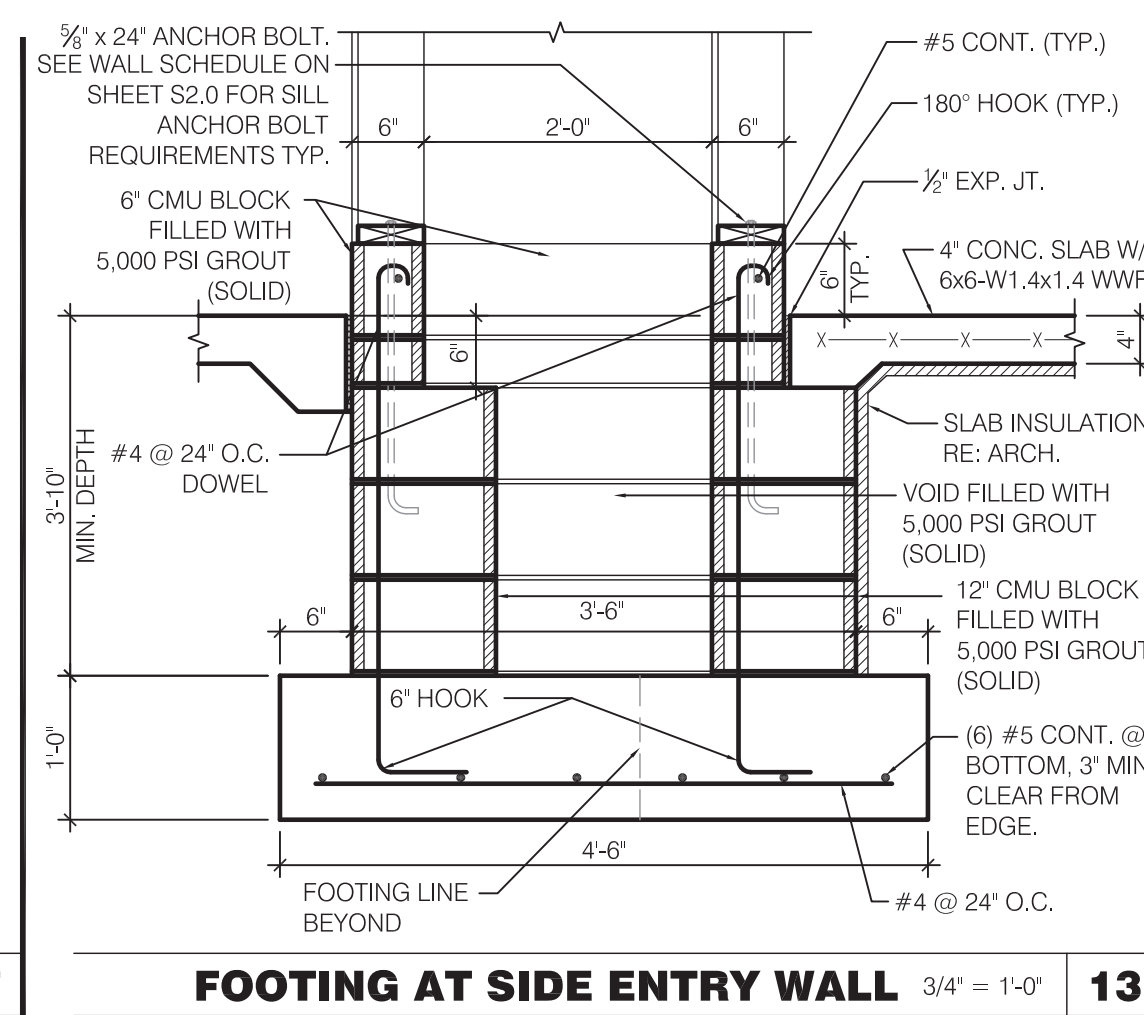
FOOTING @ TYP. WALLS 3/4" = 1'-0" **1**



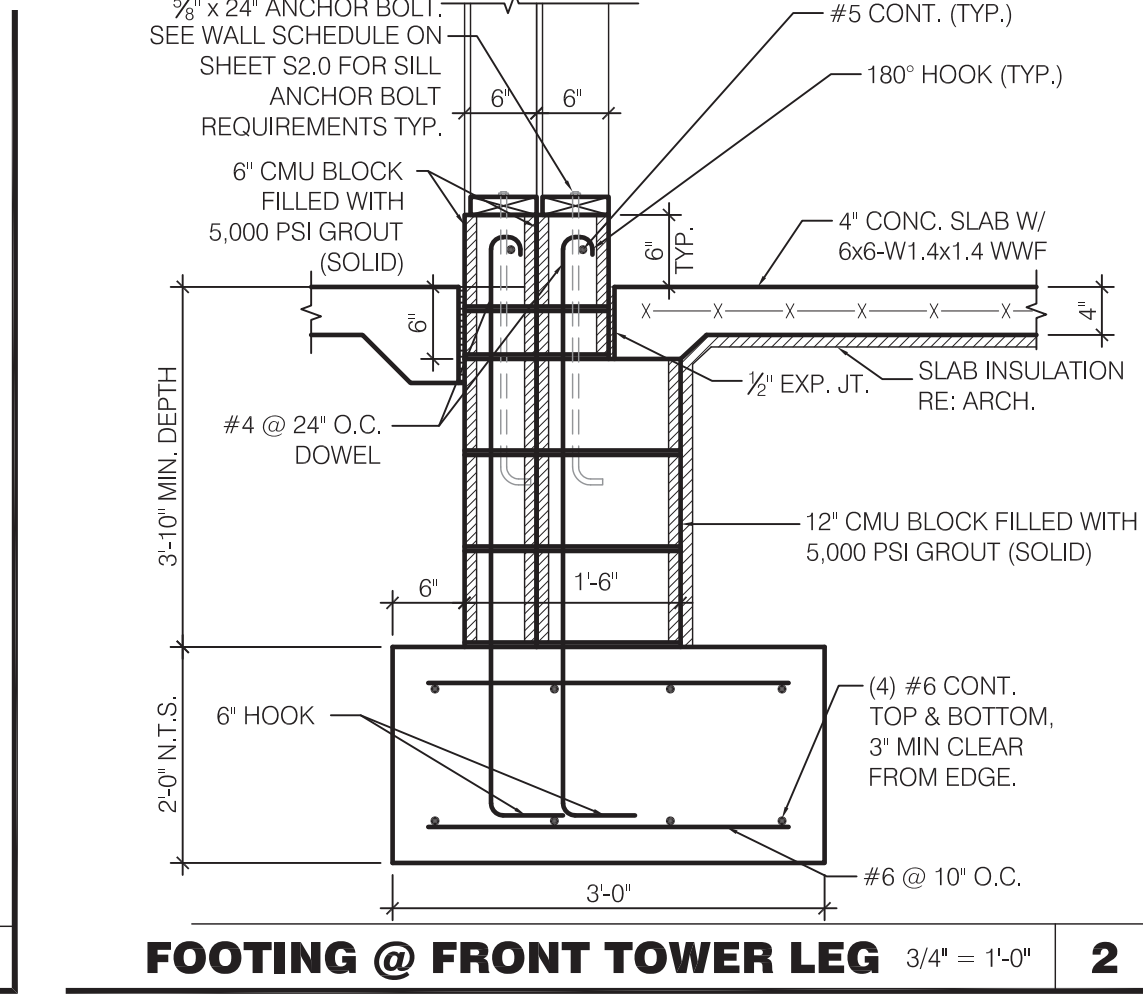
FURRED WALL 3/4" = 1'-0" **5**



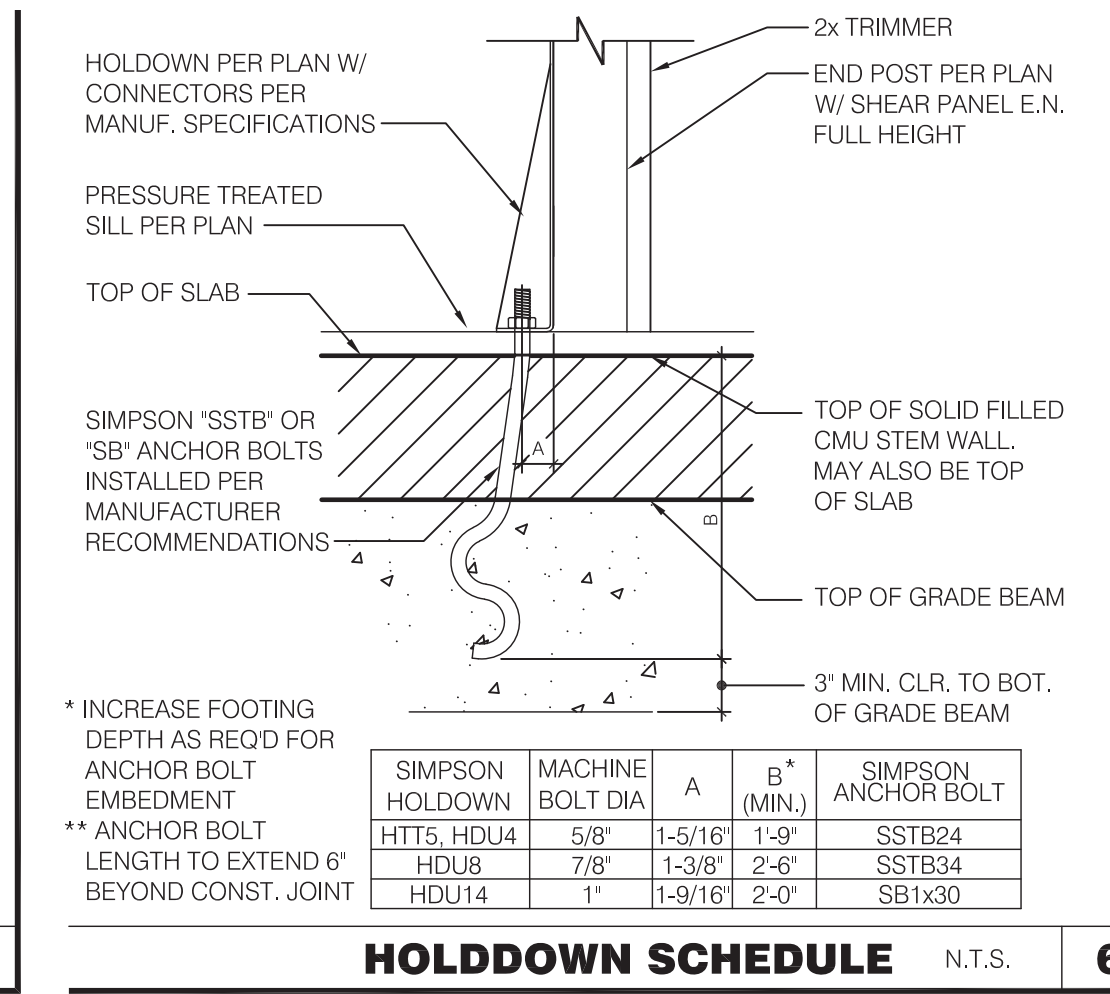
FOOTING AT COOLER 3/4" = 1'-0" **9**



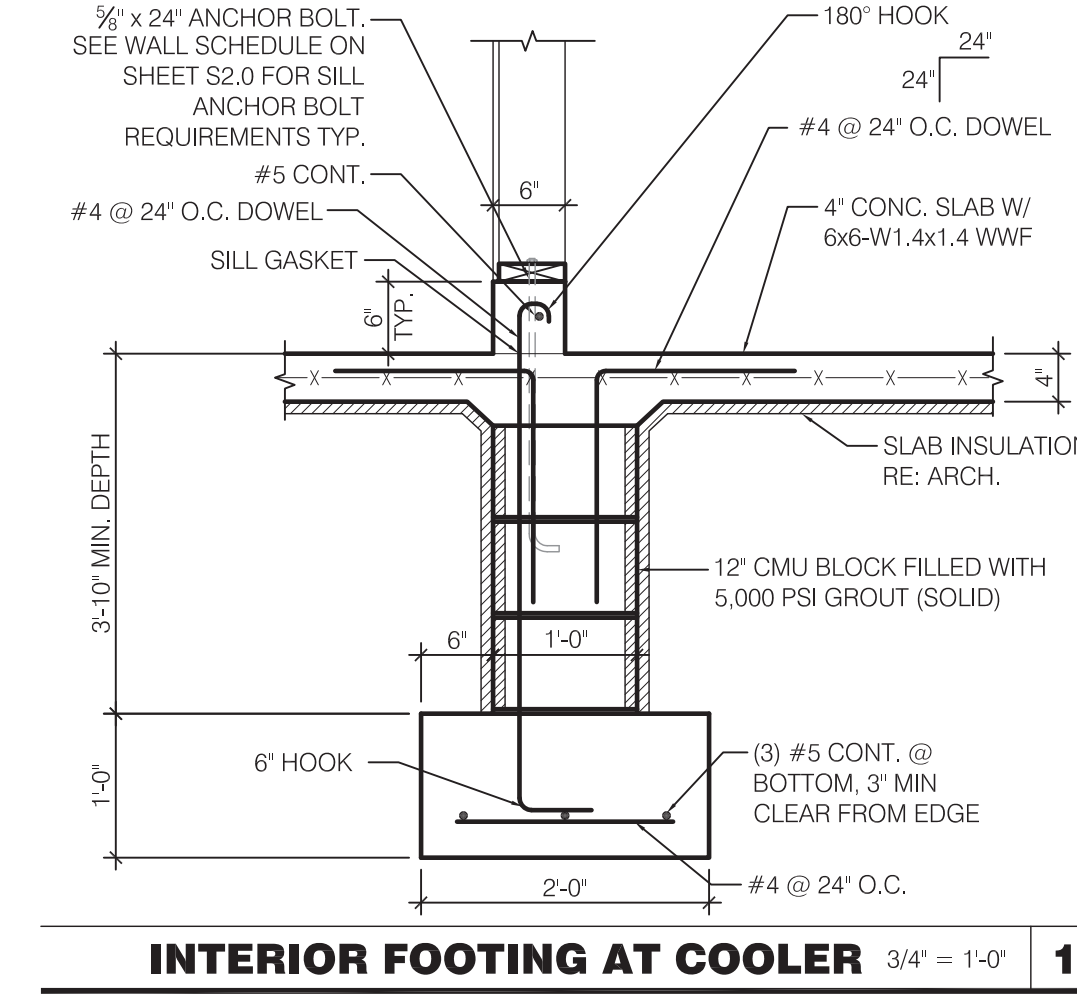
FOOTING AT SIDE ENTRY WALL 3/4" = 1'-0" **13**



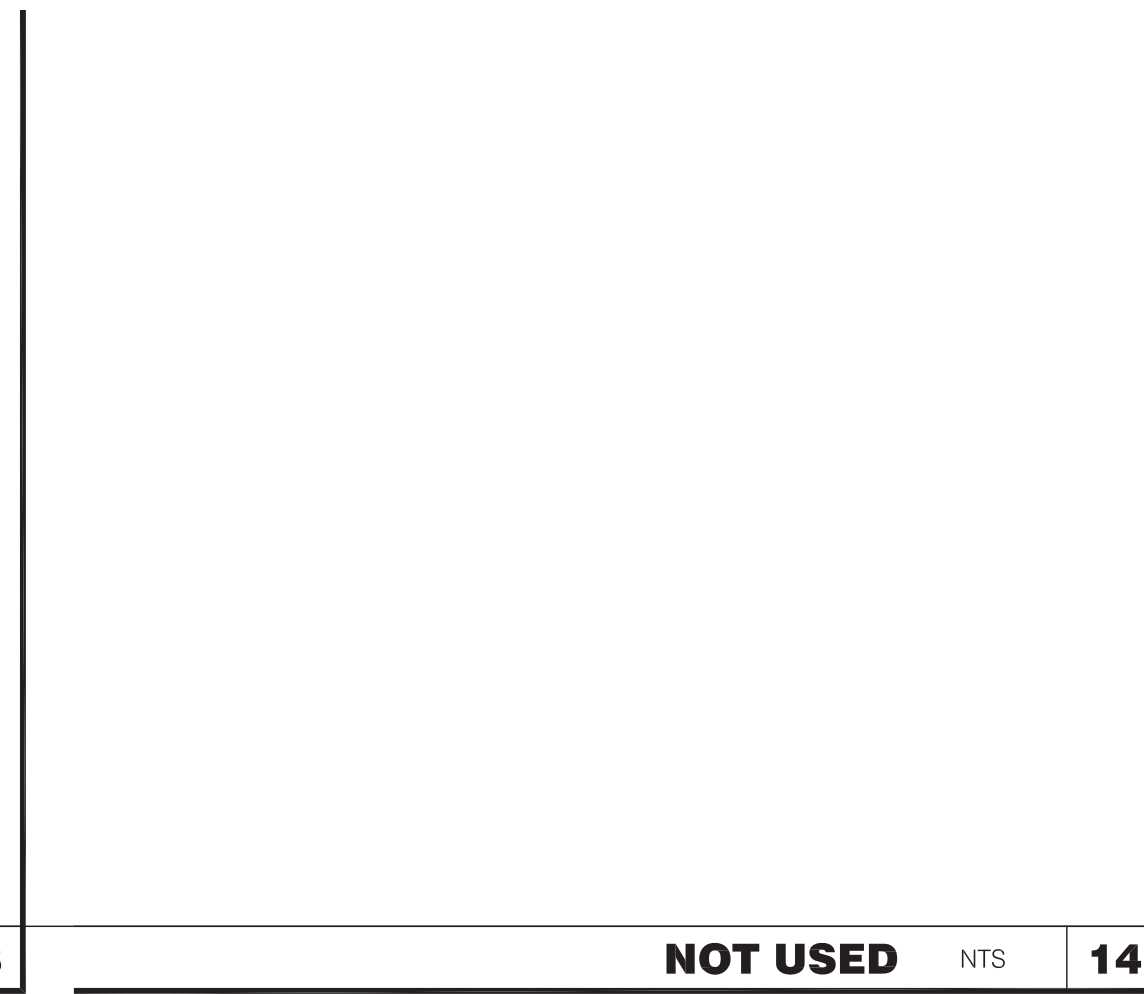
FOOTING @ FRONT TOWER LEG 3/4" = 1'-0" **2**



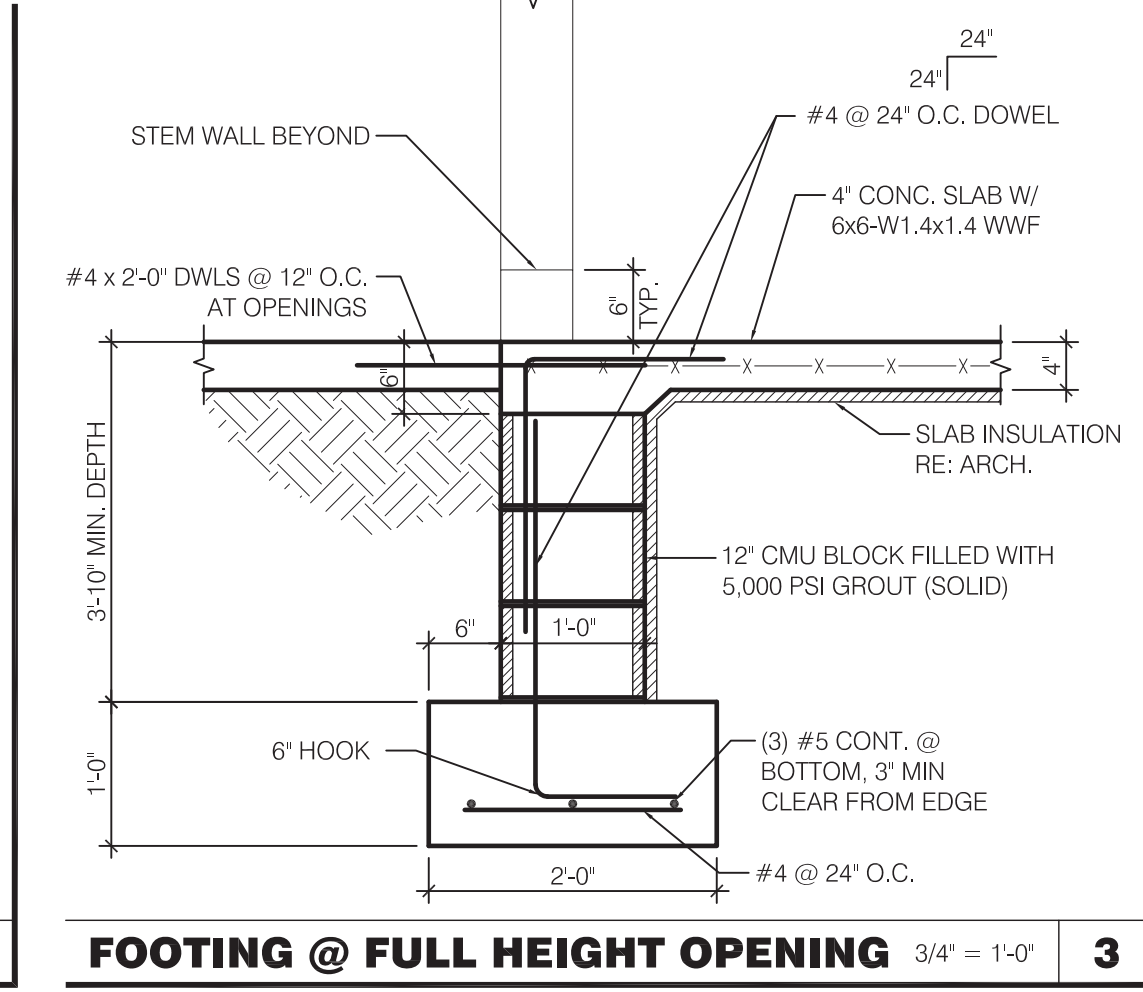
HOLDDOWN SCHEDULE N.T.S. **6**



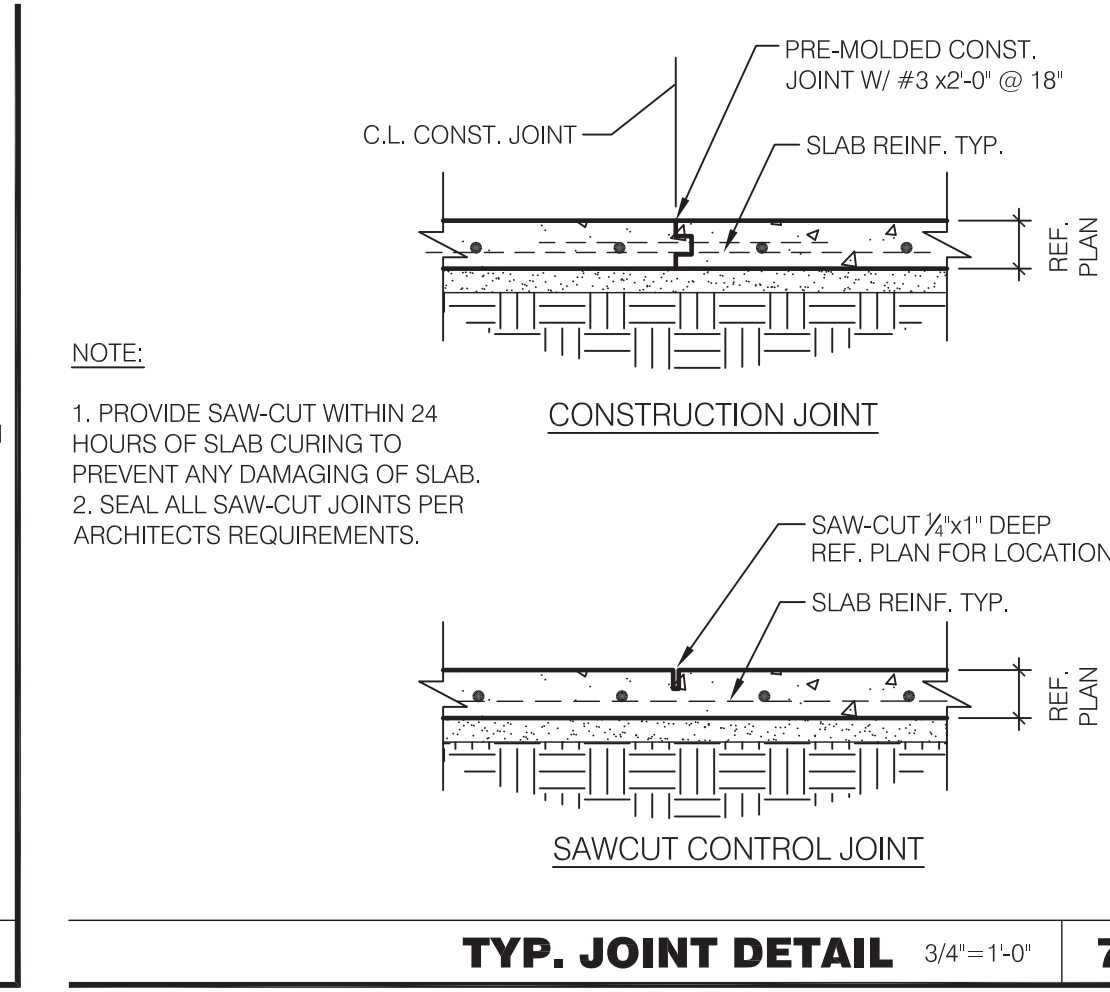
INTERIOR FOOTING AT COOLER 3/4" = 1'-0" **10**



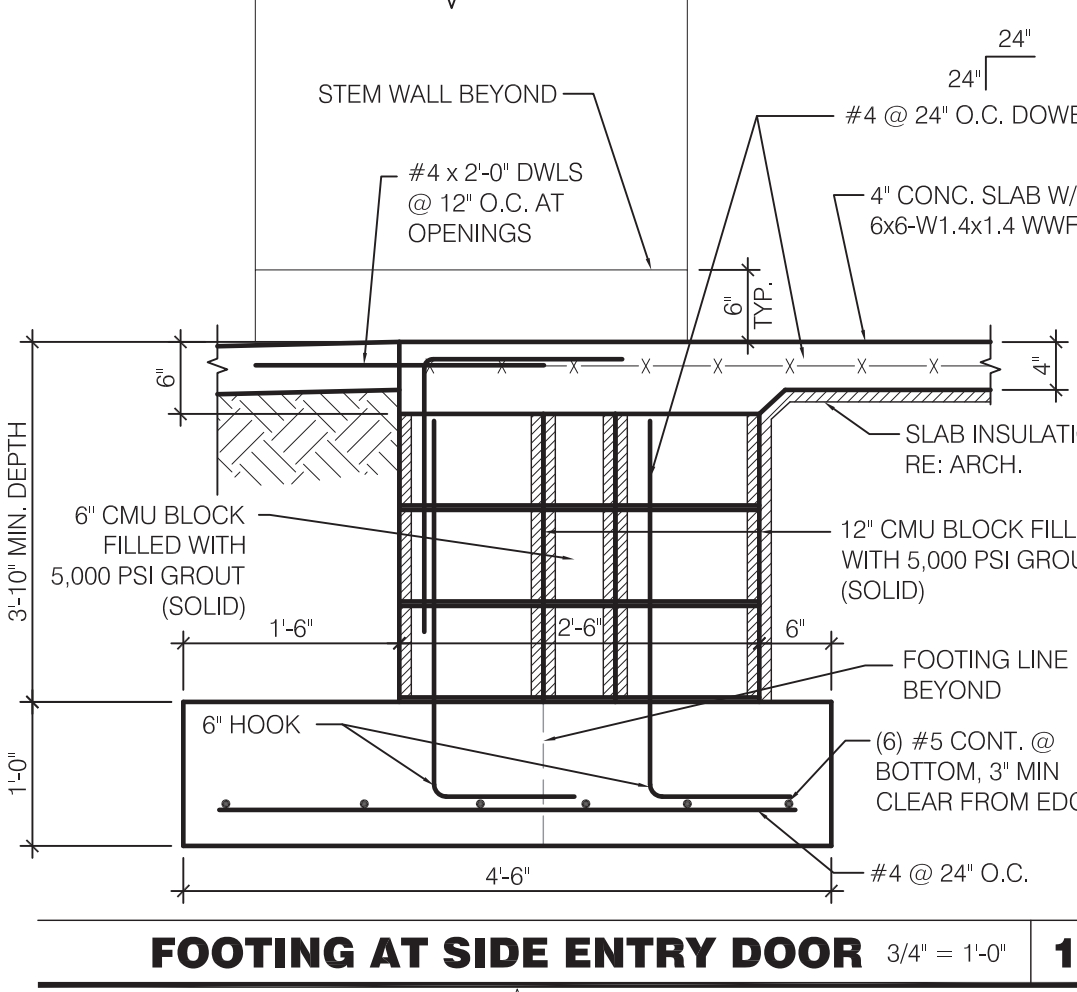
NOT USED N.T.S. **14**



FOOTING @ FULL HEIGHT OPENING 3/4" = 1'-0" **3**



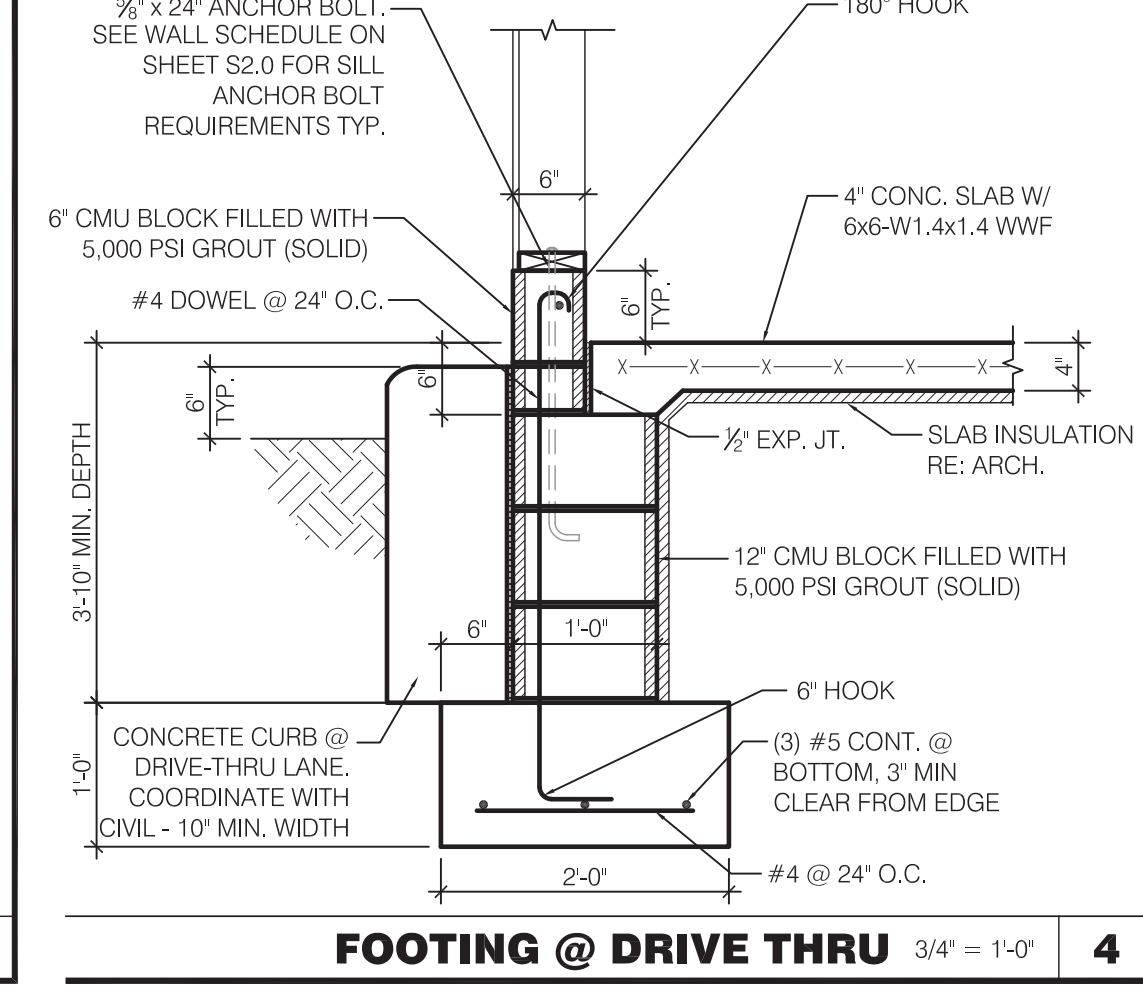
TYP. JOINT DETAIL 3/4" = 1'-0" **7**



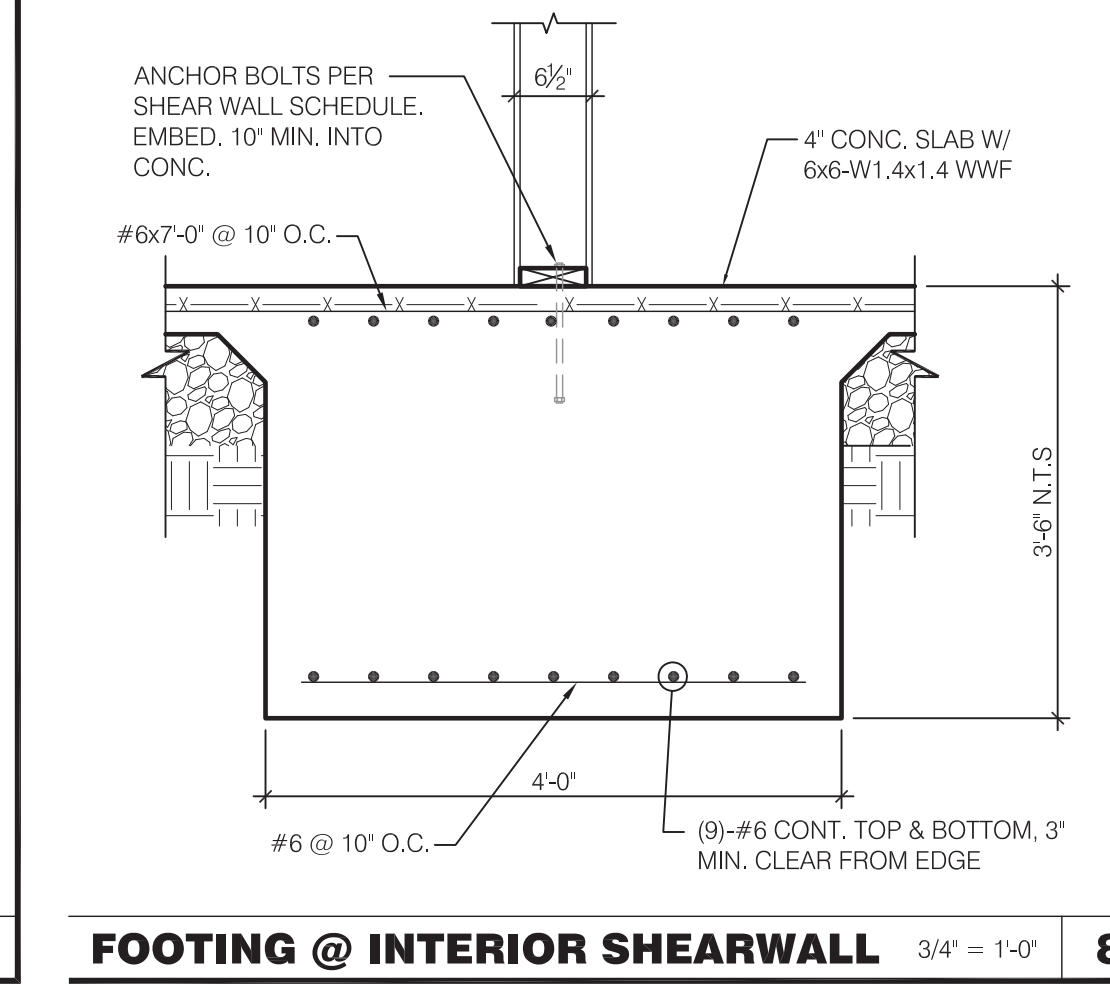
FOOTING AT SIDE ENTRY DOOR 3/4" = 1'-0" **11**



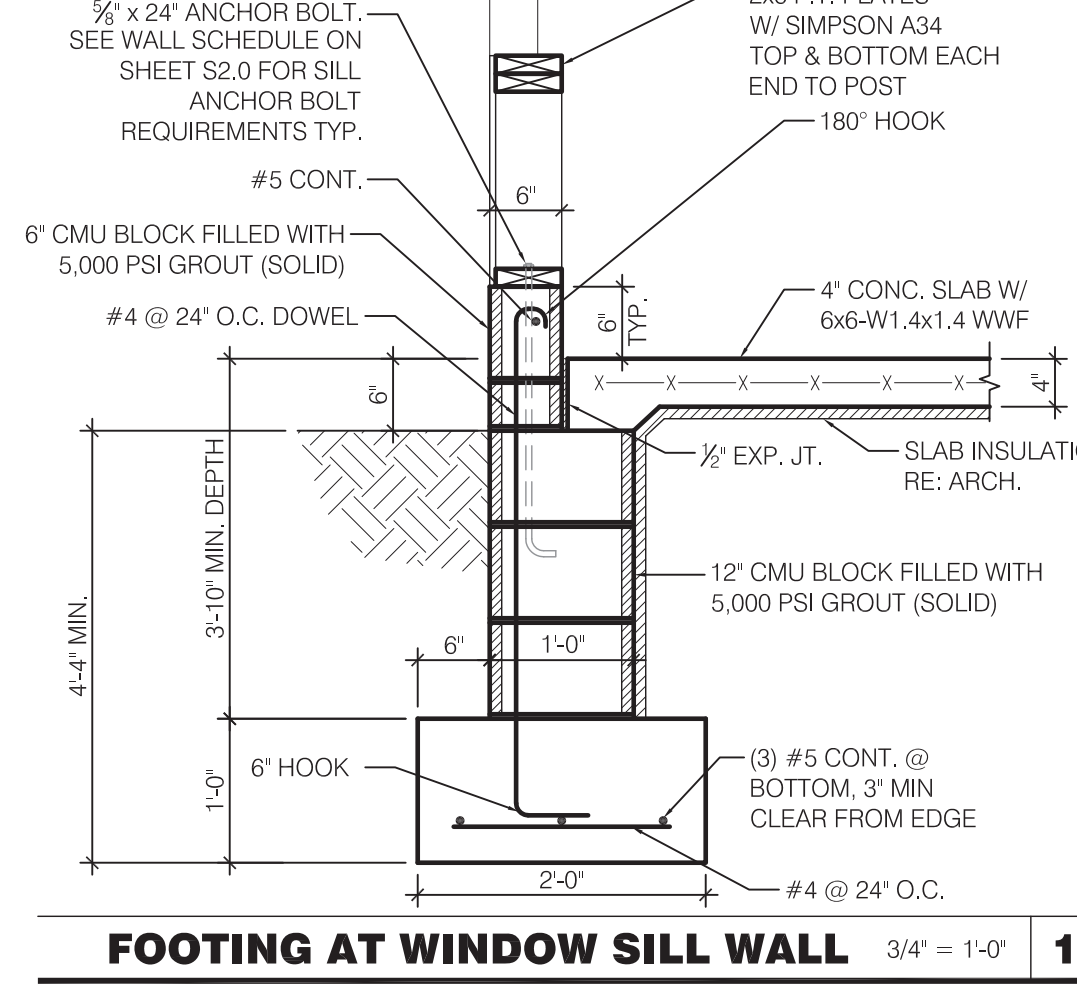
NOT USED N.T.S. **15**



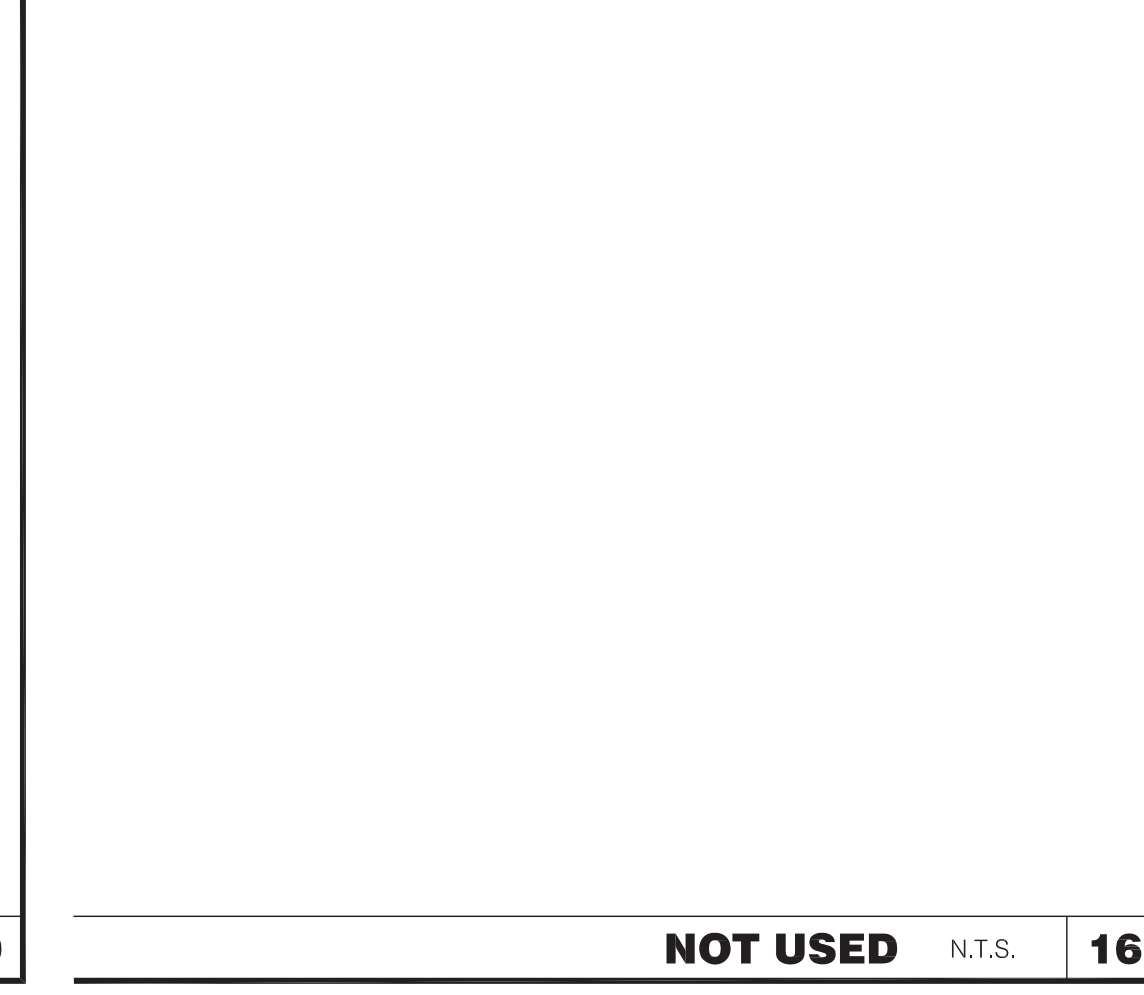
FOOTING @ DRIVE THRU 3/4" = 1'-0" **4**



FOOTING @ INTERIOR SHEARWALL 3/4" = 1'-0" **8**



FOOTING AT WINDOW SILL WALL 3/4" = 1'-0" **12**



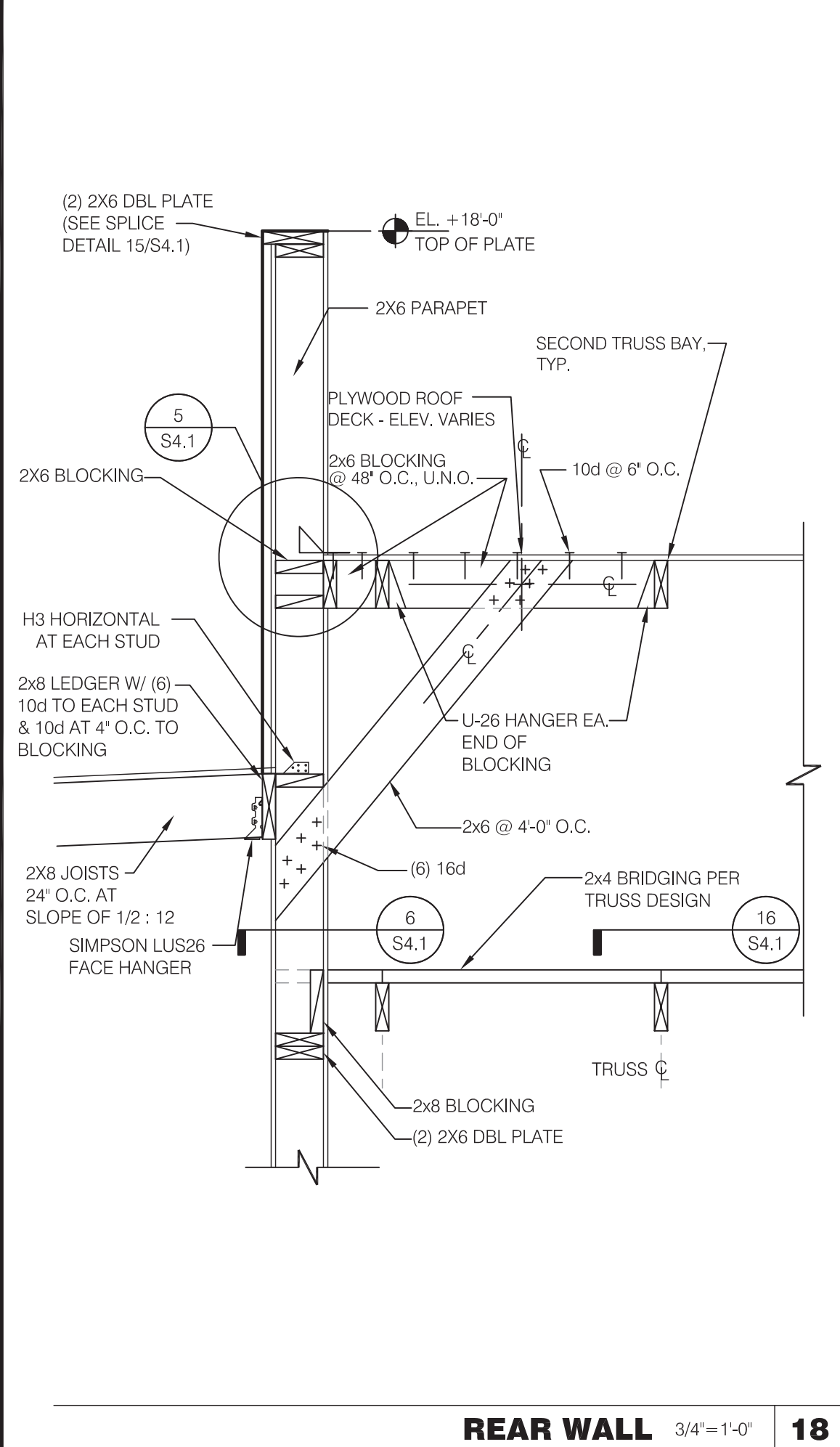
NOT USED N.T.S. **16**

NOT USED N.T.S. **17**

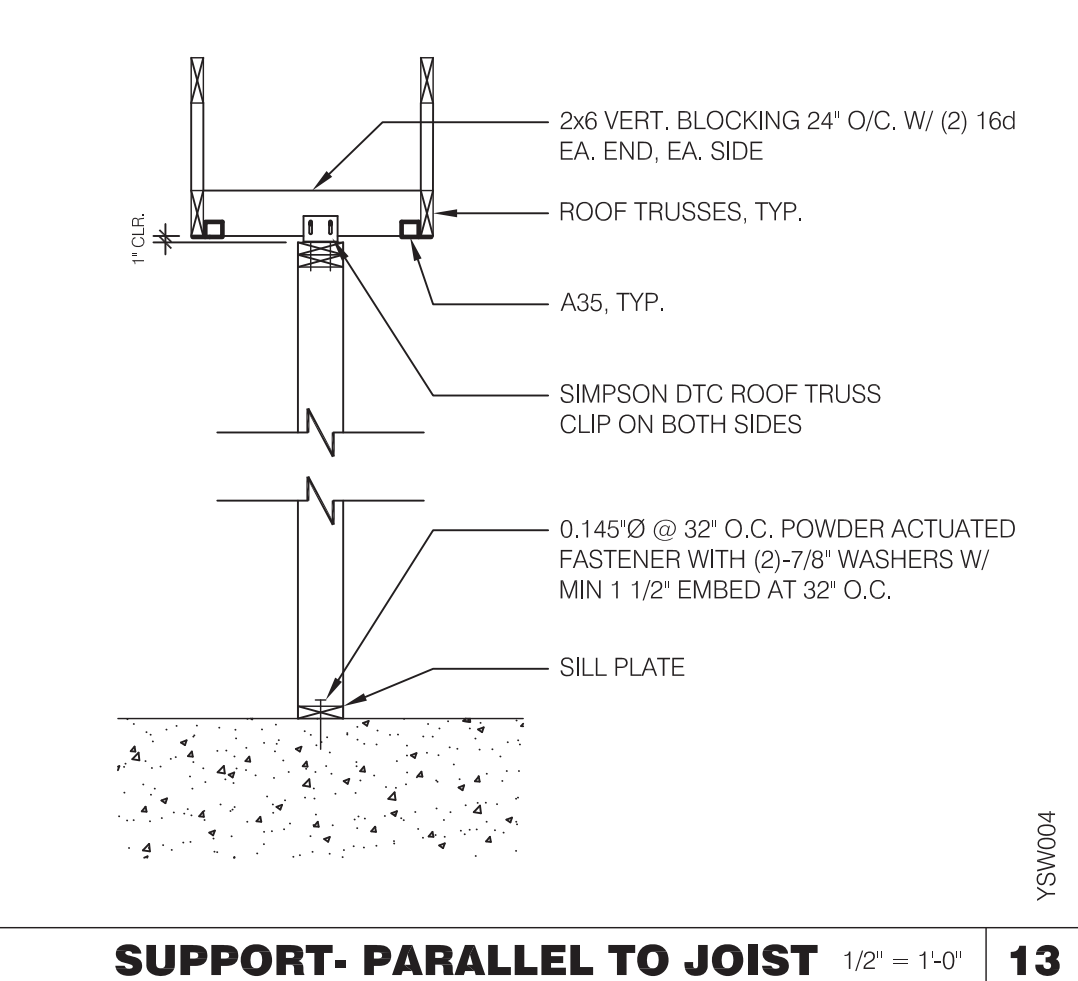
NOT USED N.T.S. **18**

NOT USED N.T.S. **19**

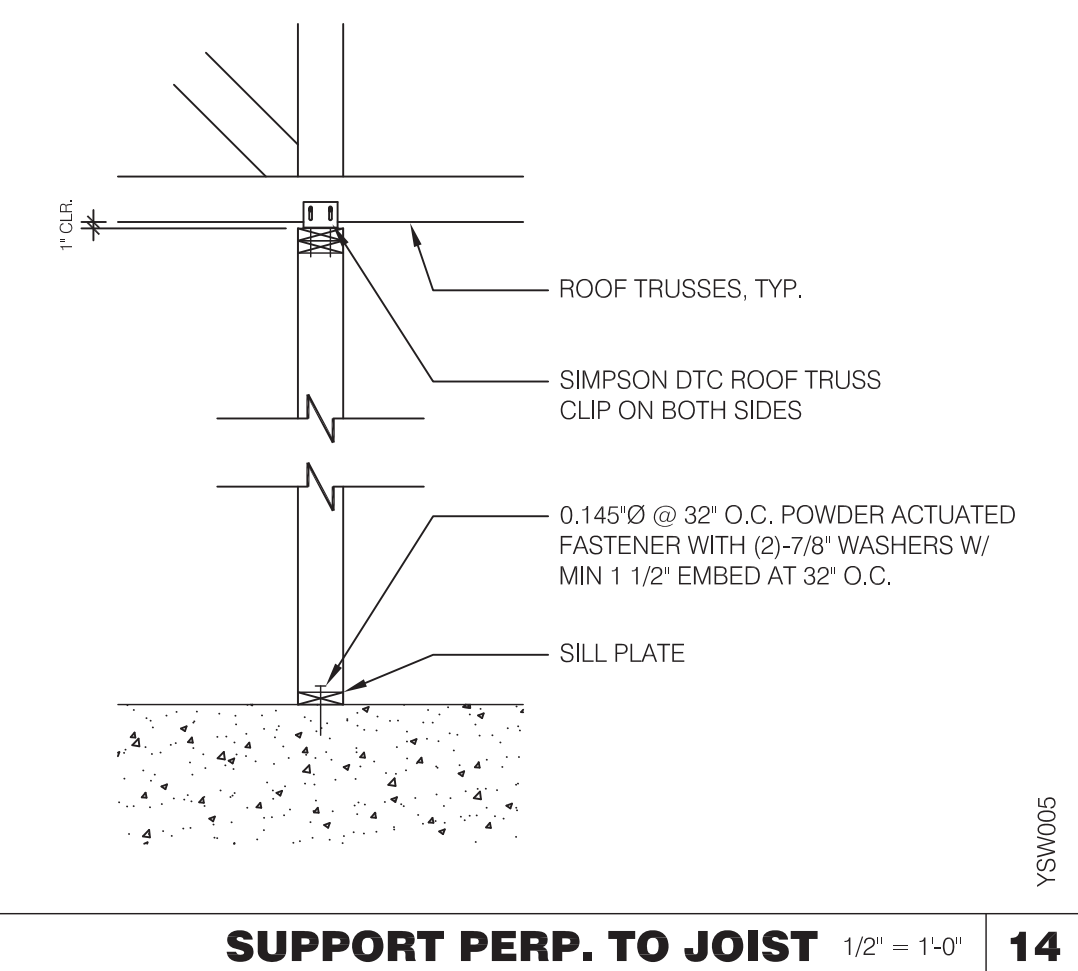
NOT USED N.T.S. **20**



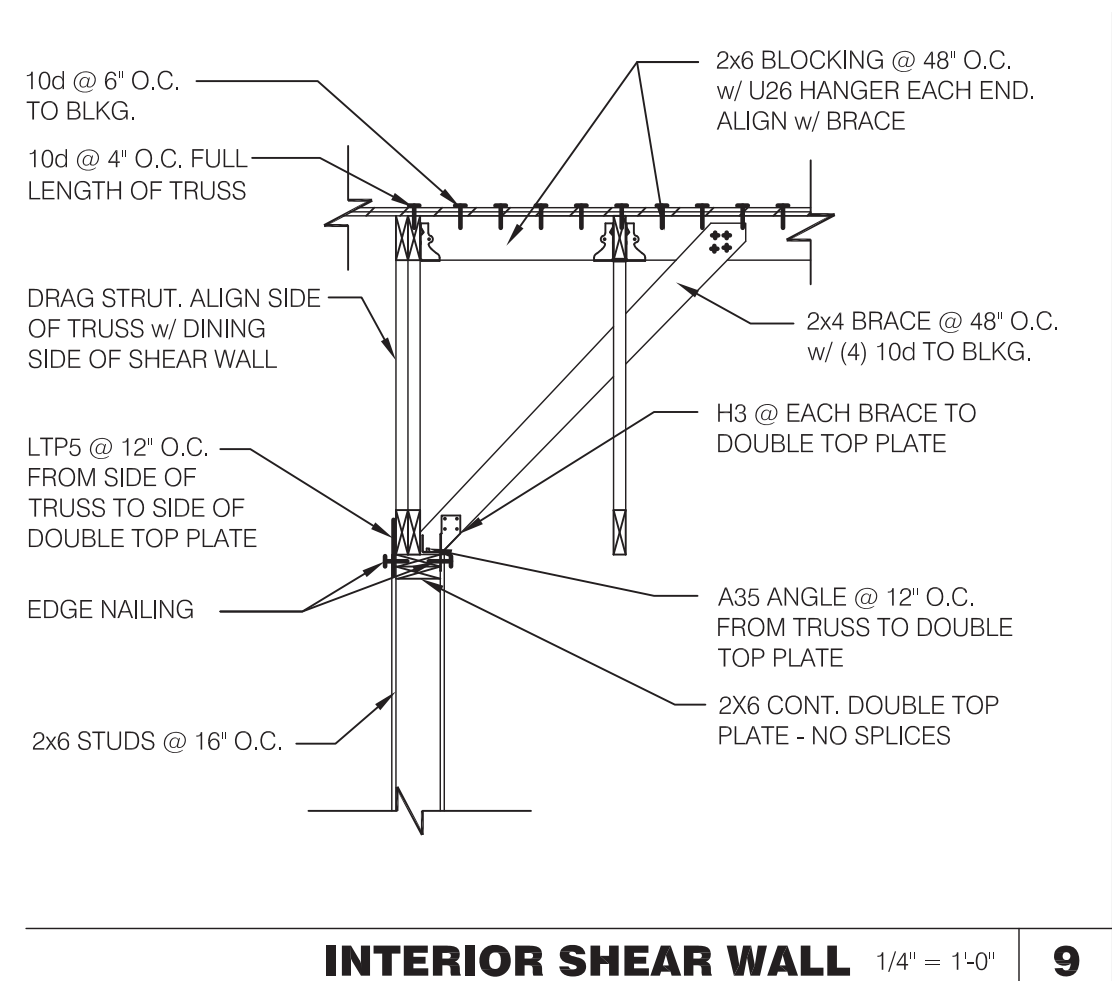
REAR WALL 3/4" = 1'-0" **18**



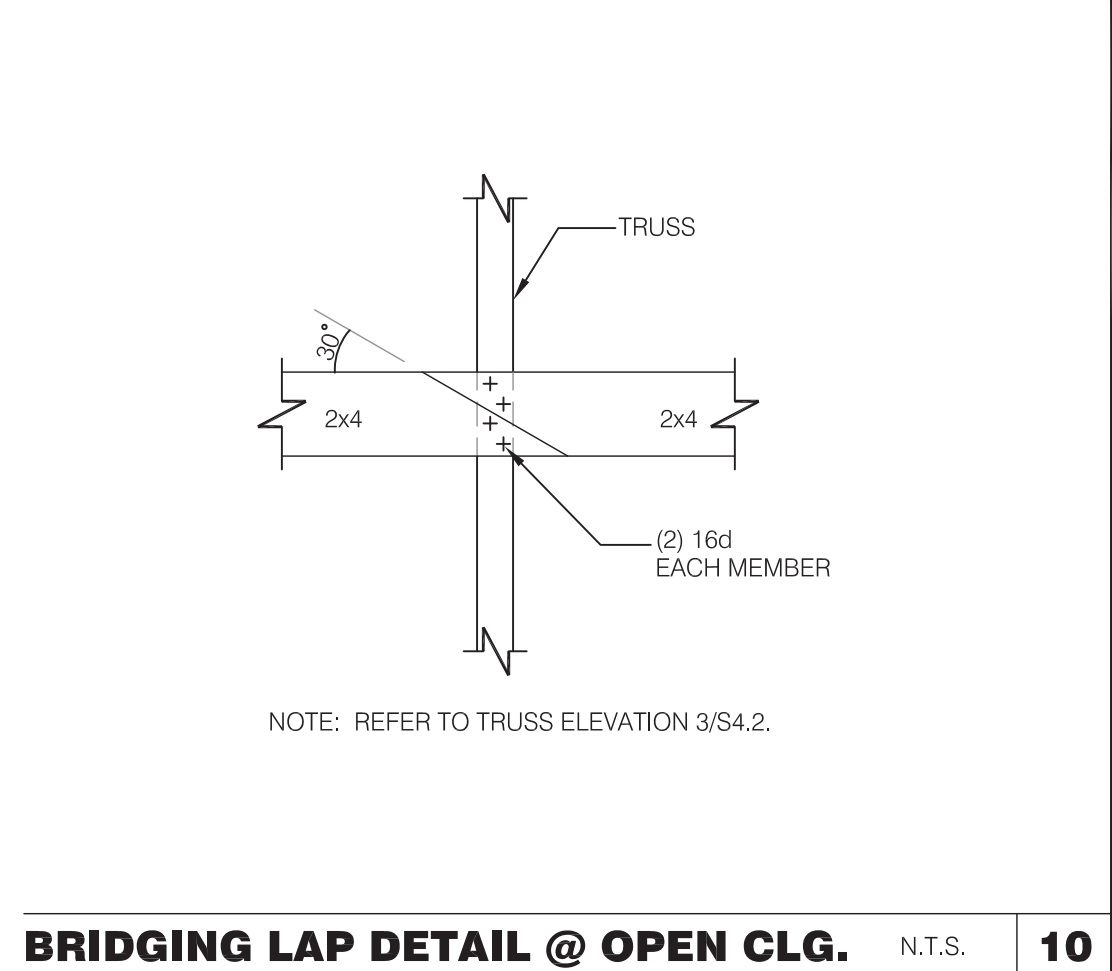
SUPPORT - PARALLEL TO JOIST 1/2" = 1'-0" **13**



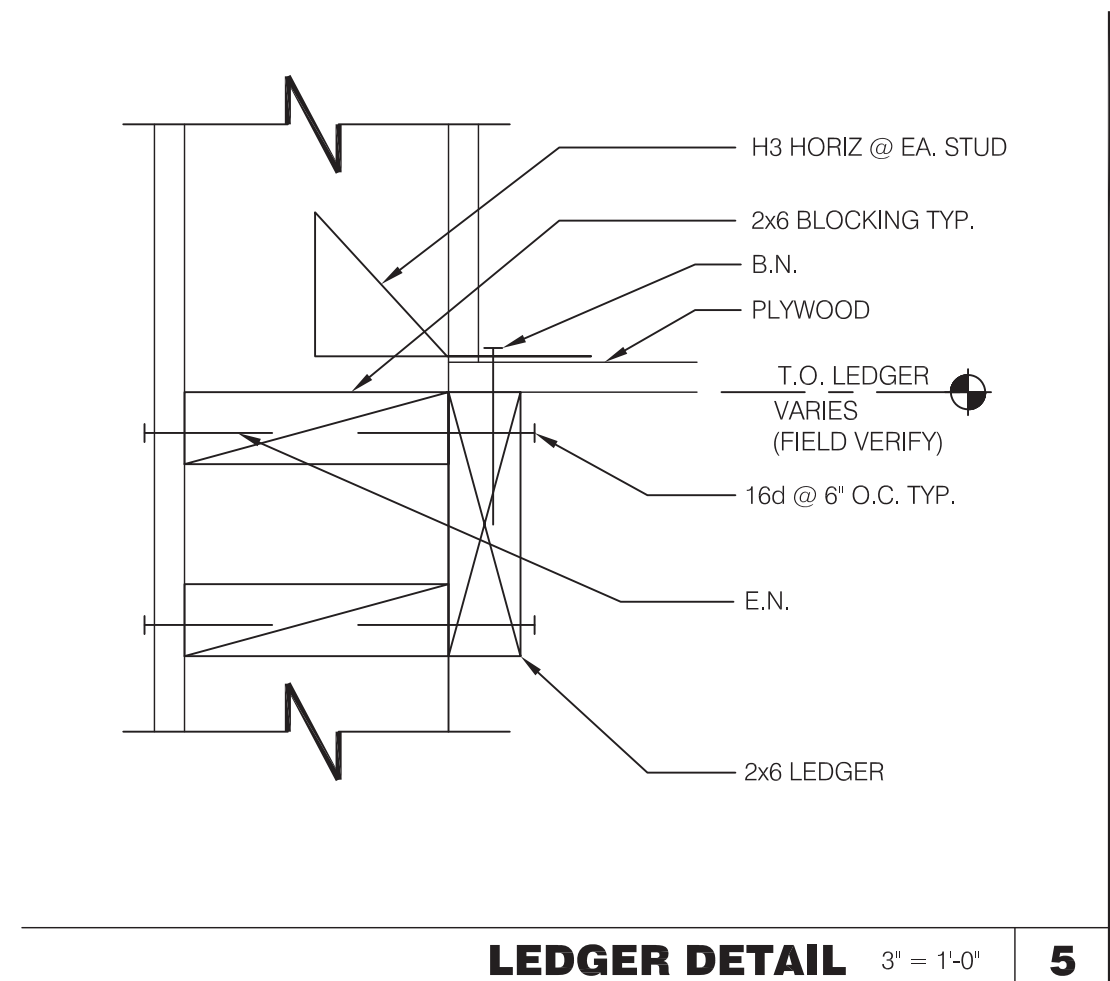
SUPPORT PERP. TO JOIST 1/2" = 1'-0" **14**



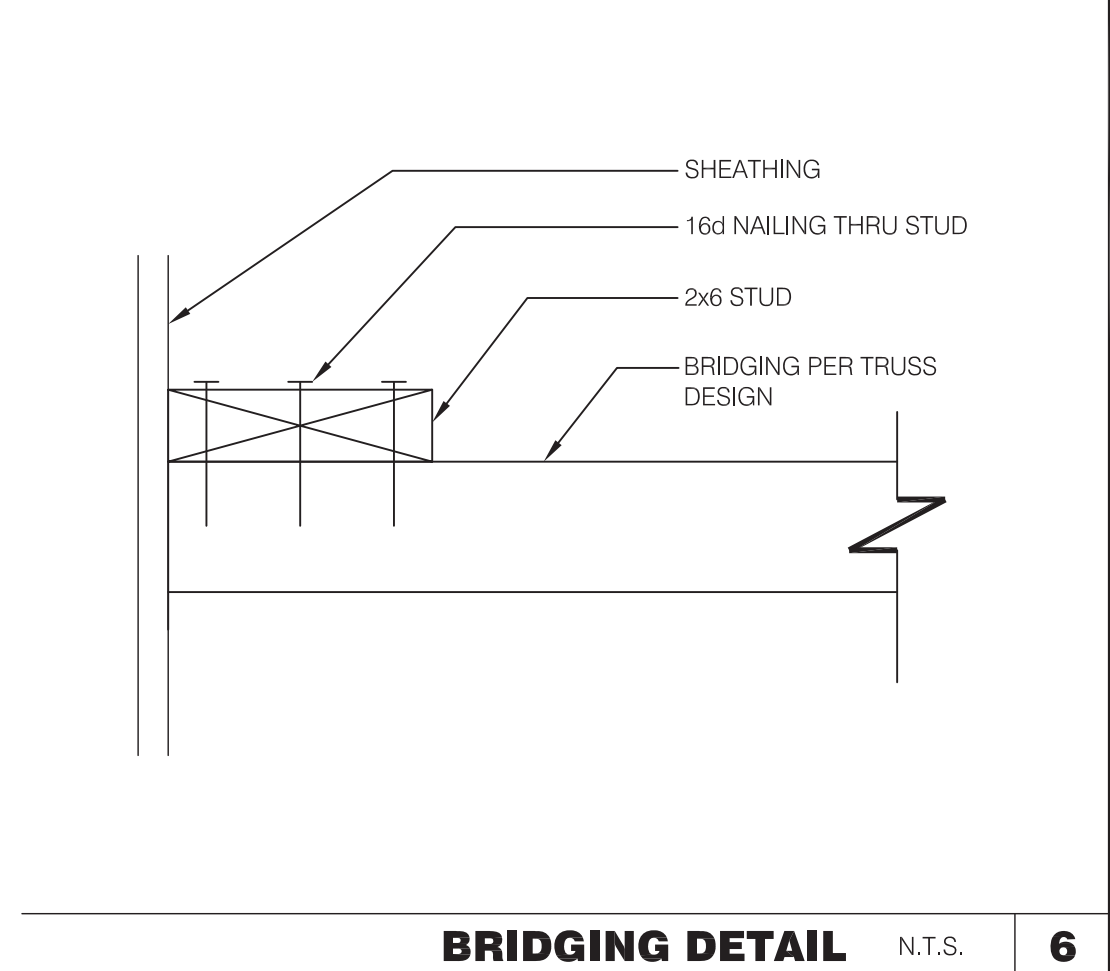
INTERIOR SHEAR WALL 1/4" = 1'-0" **9**



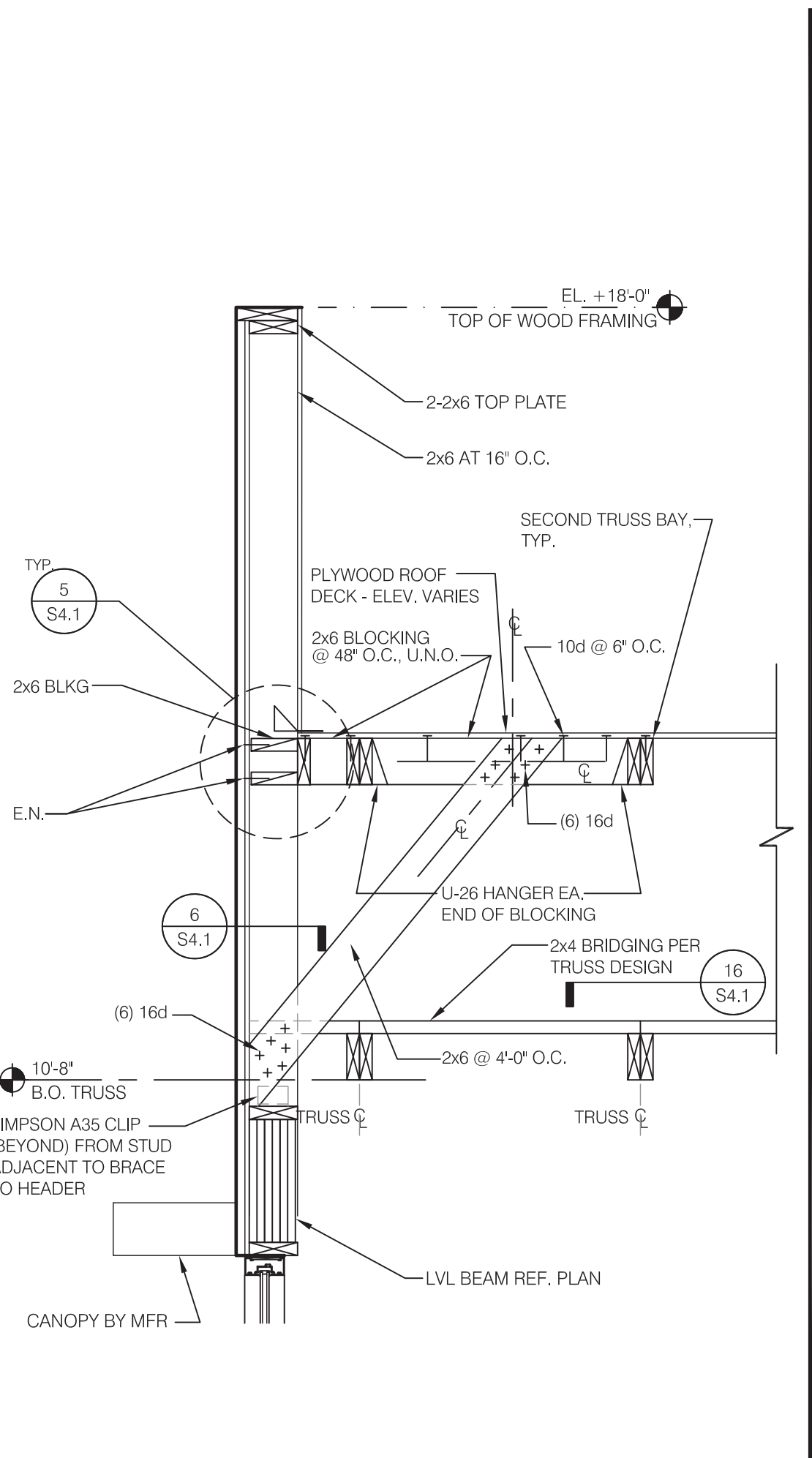
BRIDGING LAP DETAIL @ OPEN CLG. N.T.S. **10**



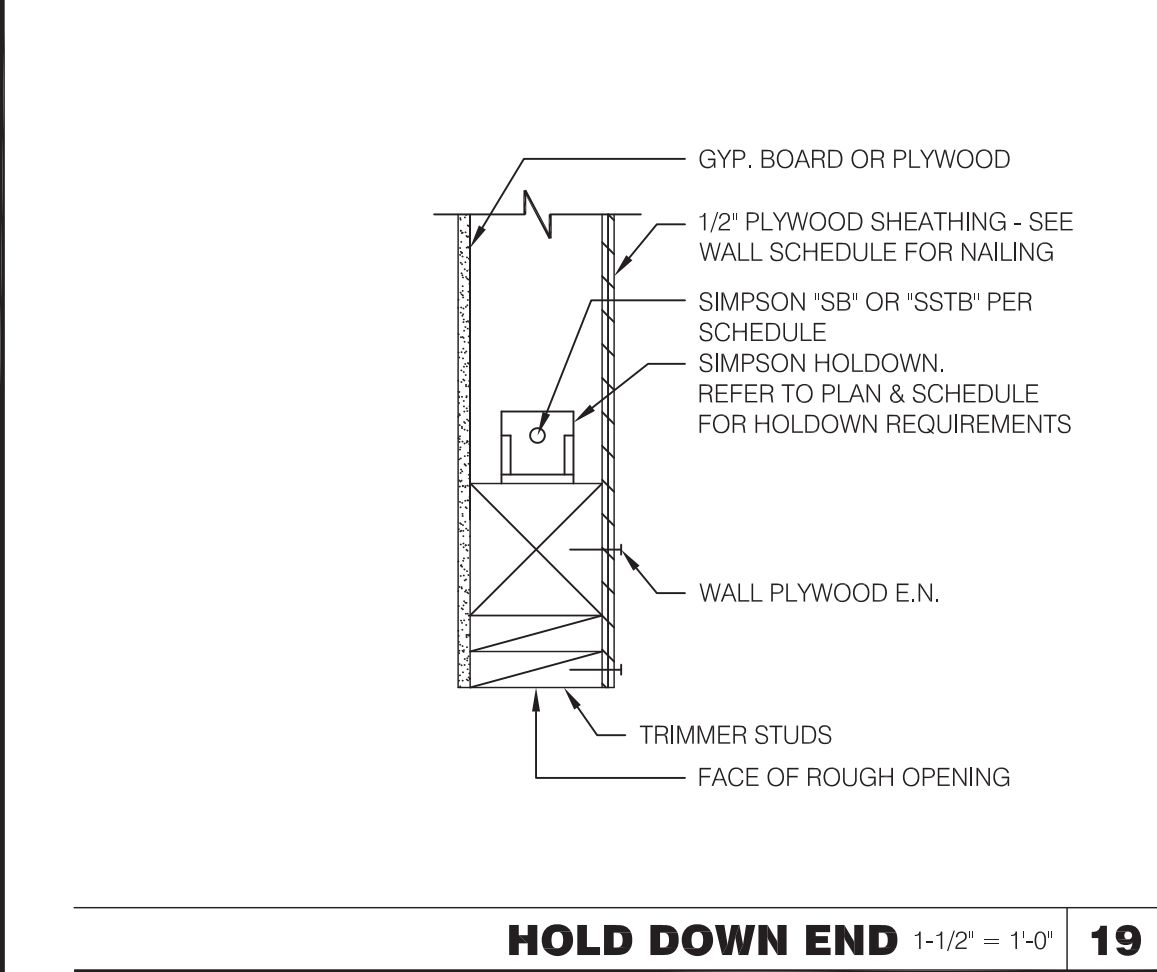
LEDGER DETAIL 3" = 1'-0" **5**



BRIDGING DETAIL N.T.S. **6**



FRONT WALL 3/4" = 1'-0" **2**



HOLD DOWN END 1-1/2" = 1'-0" **19**

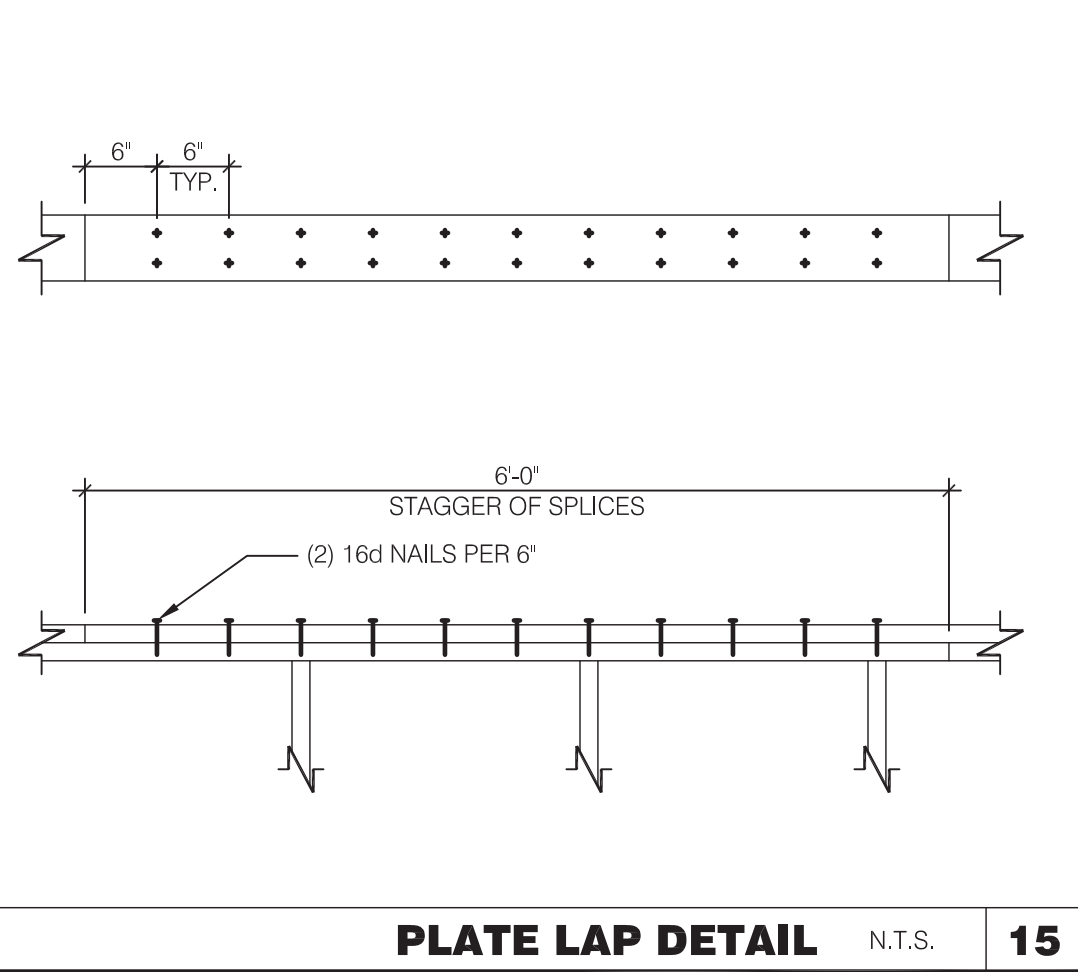
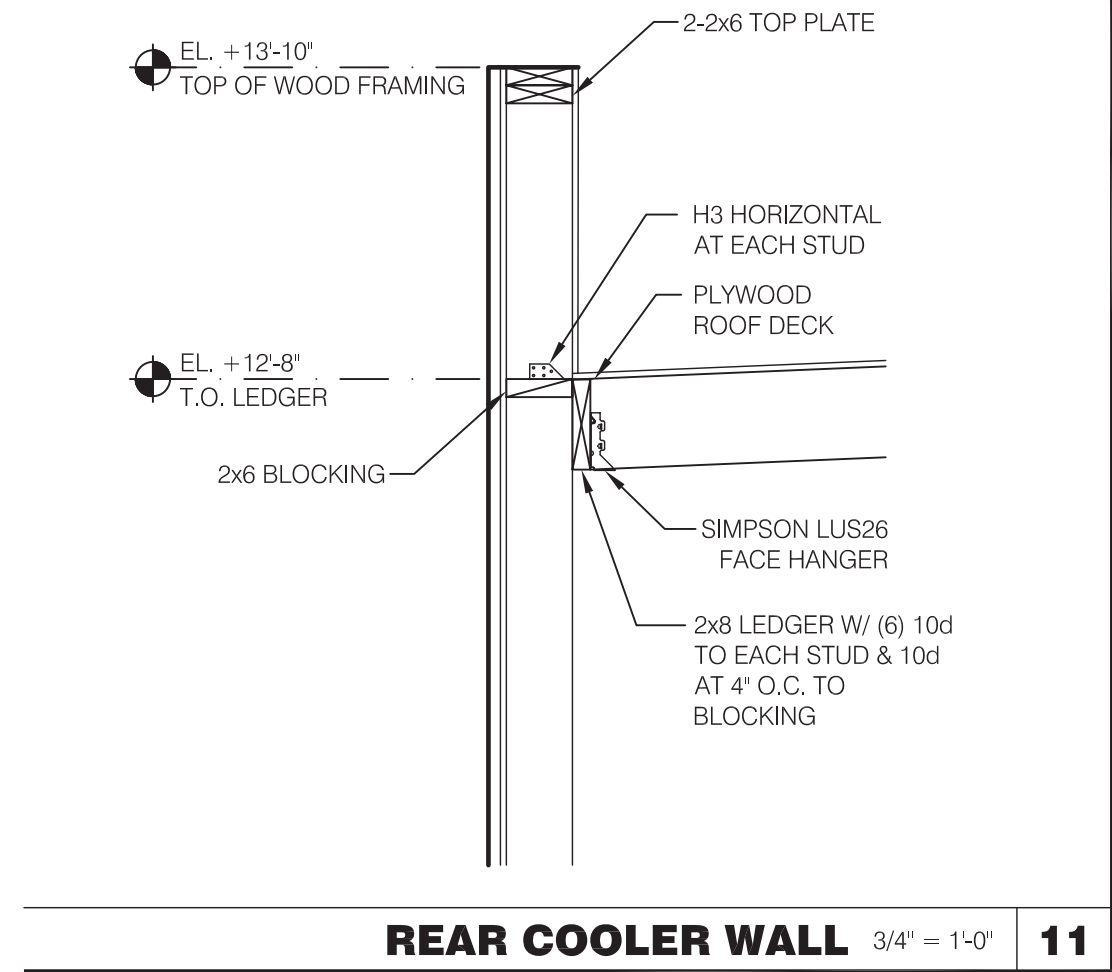
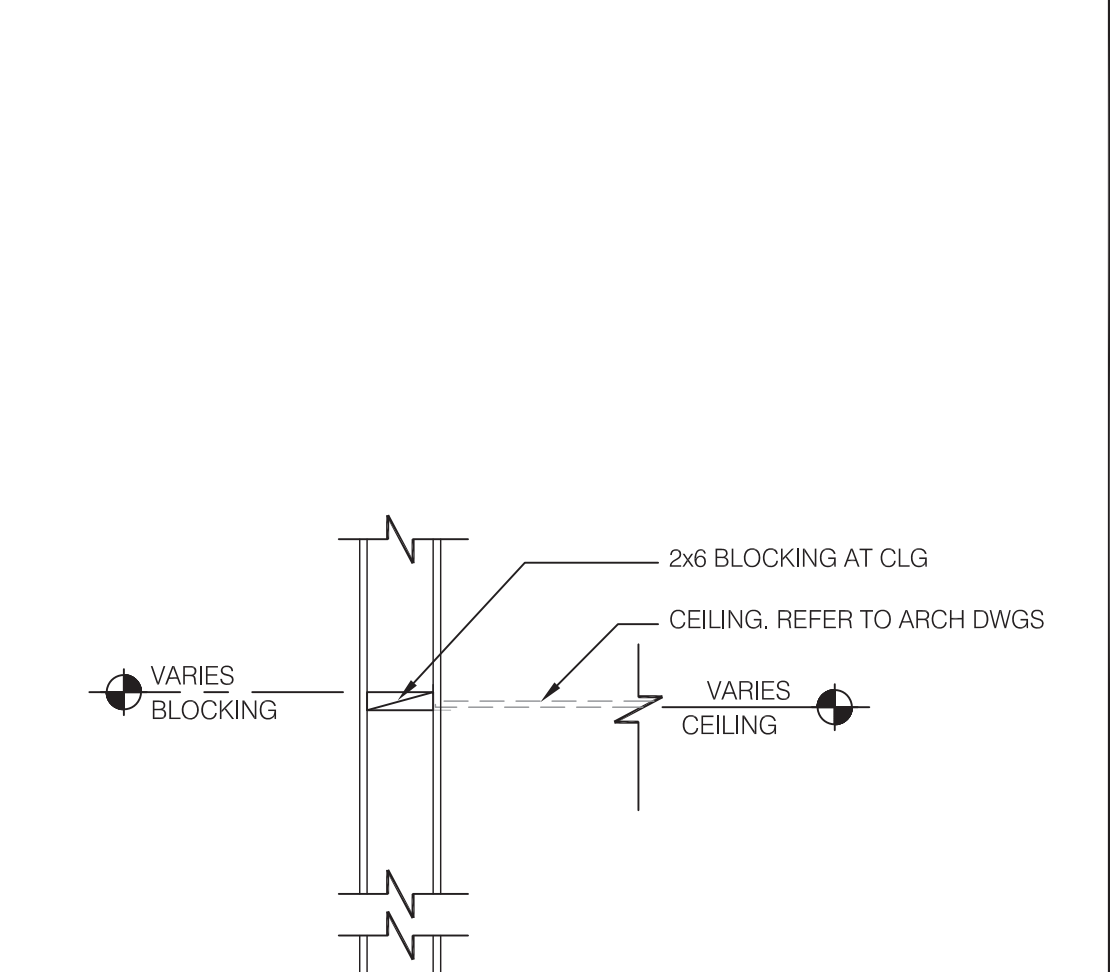


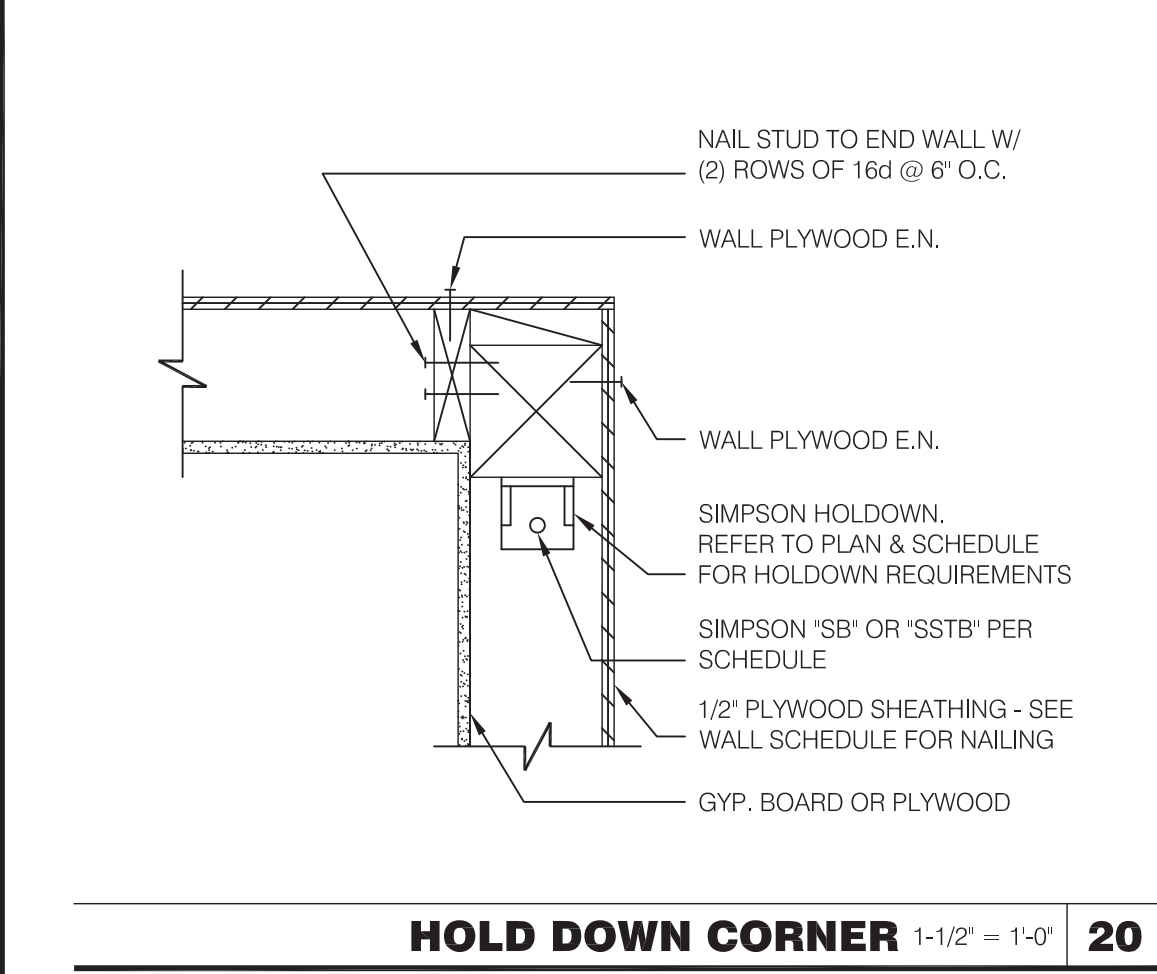
PLATE LAP DETAIL N.T.S. **15**



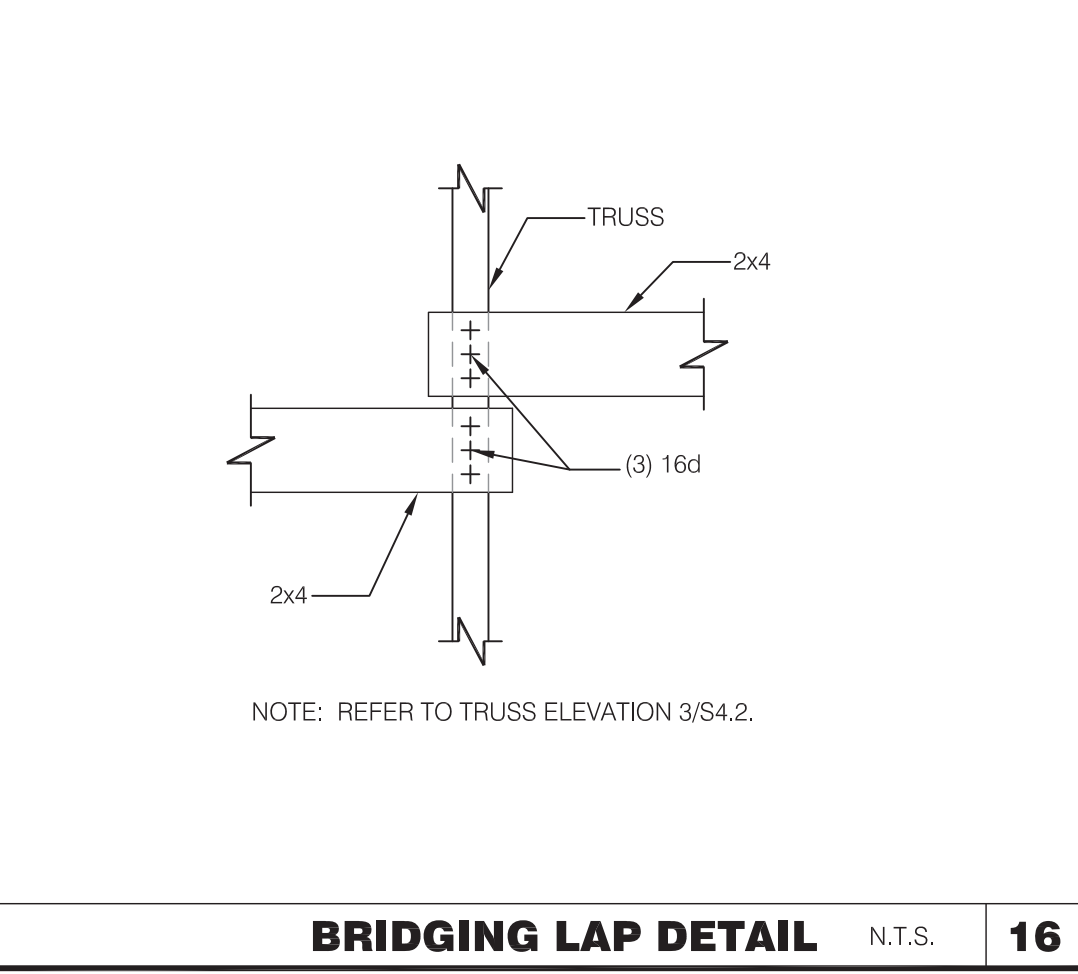
REAR COOLER WALL 3/4" = 1'-0" **11**



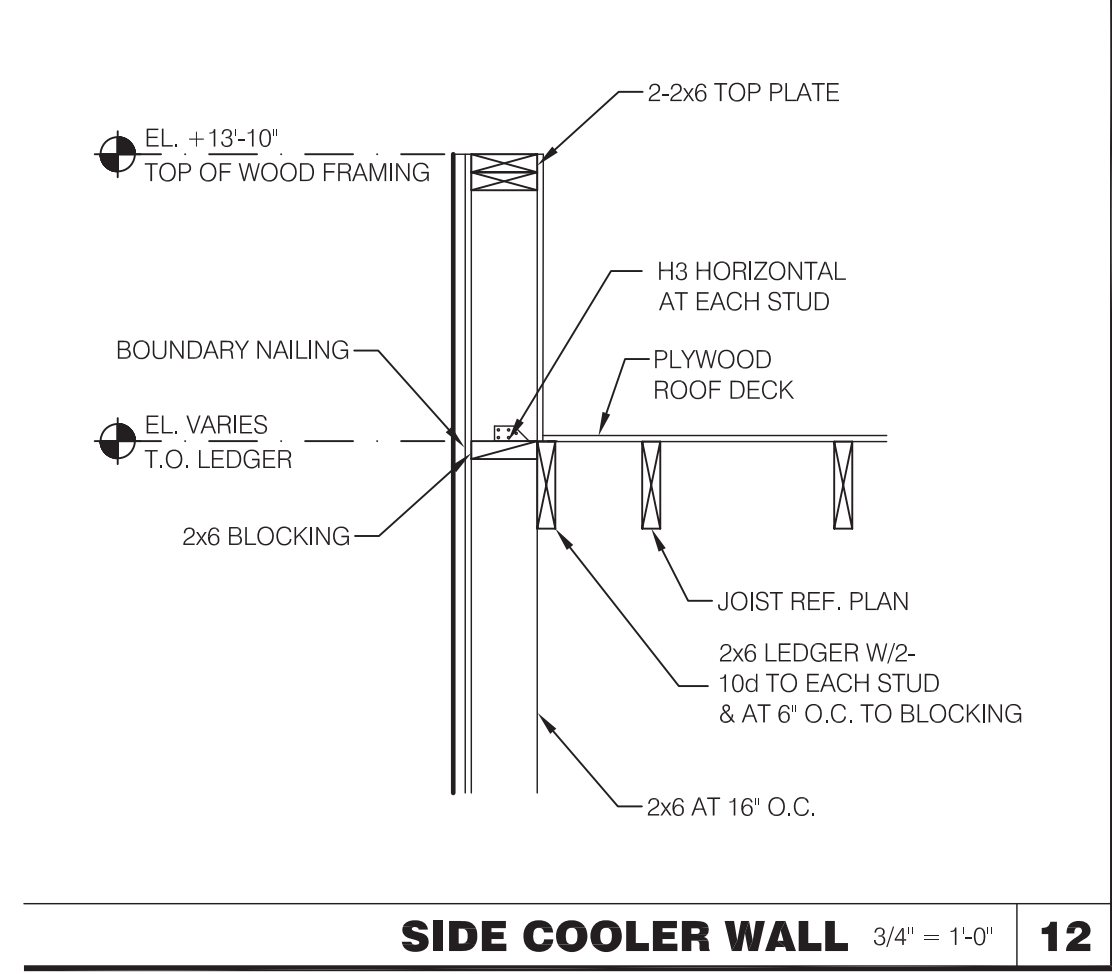
TYP. PARAPET CAP 3" = 1'-0" **3**



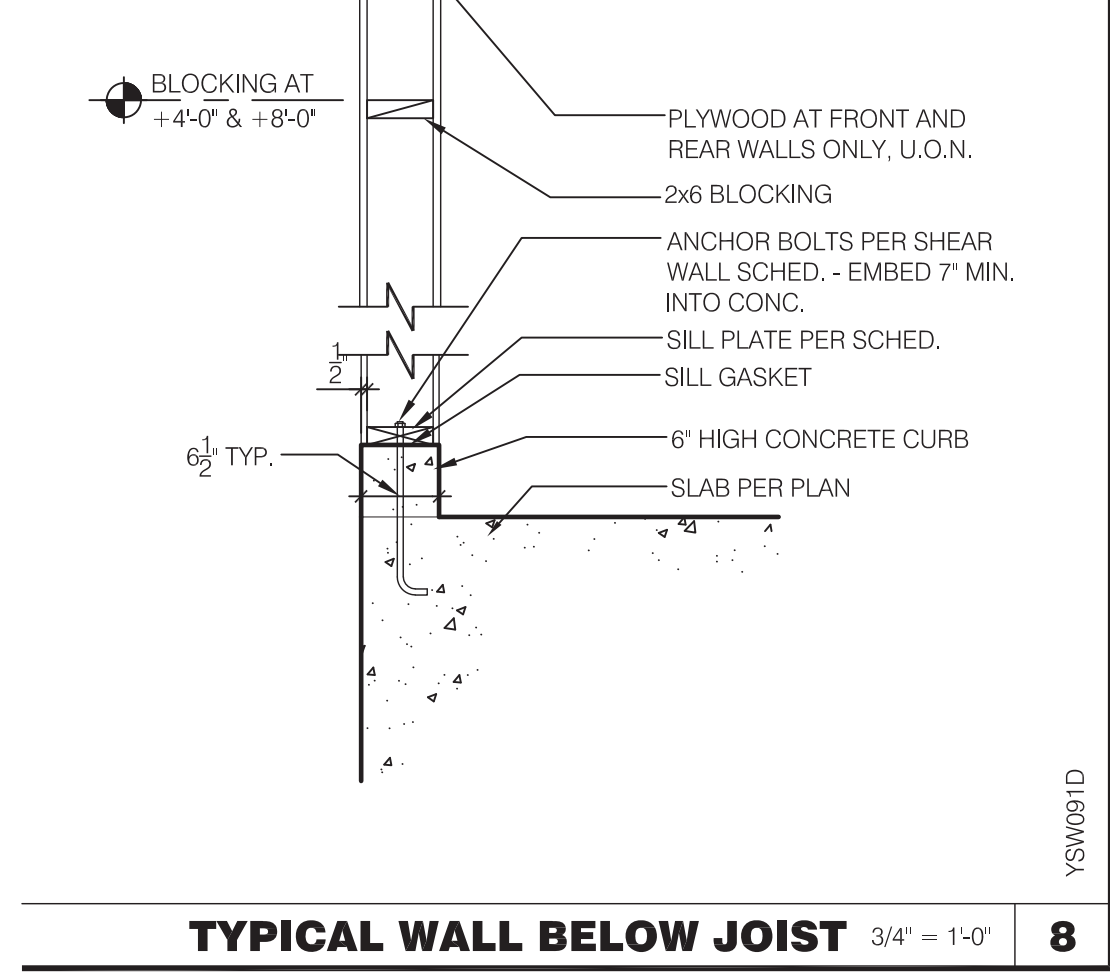
HOLD DOWN CORNER 1-1/2" = 1'-0" **20**



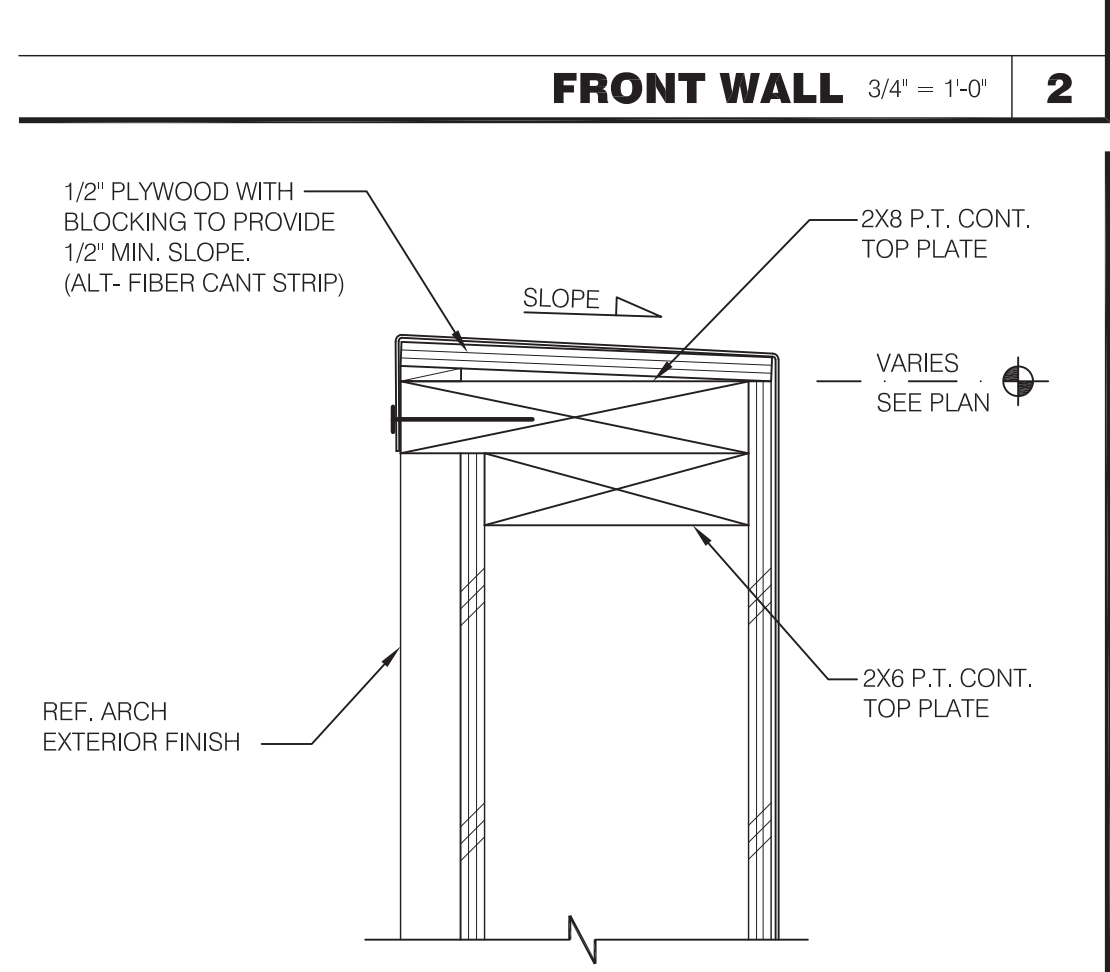
BRIDGING LAP DETAIL N.T.S. **16**



SIDE COOLER WALL 3/4" = 1'-0" **12**



TYPICAL WALL BELOW JOIST 3/4" = 1'-0" **8**



BUILT-UP 2X COLUMNS N.T.S. **4**

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CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

STRUCTURAL DETAILS

S4.1

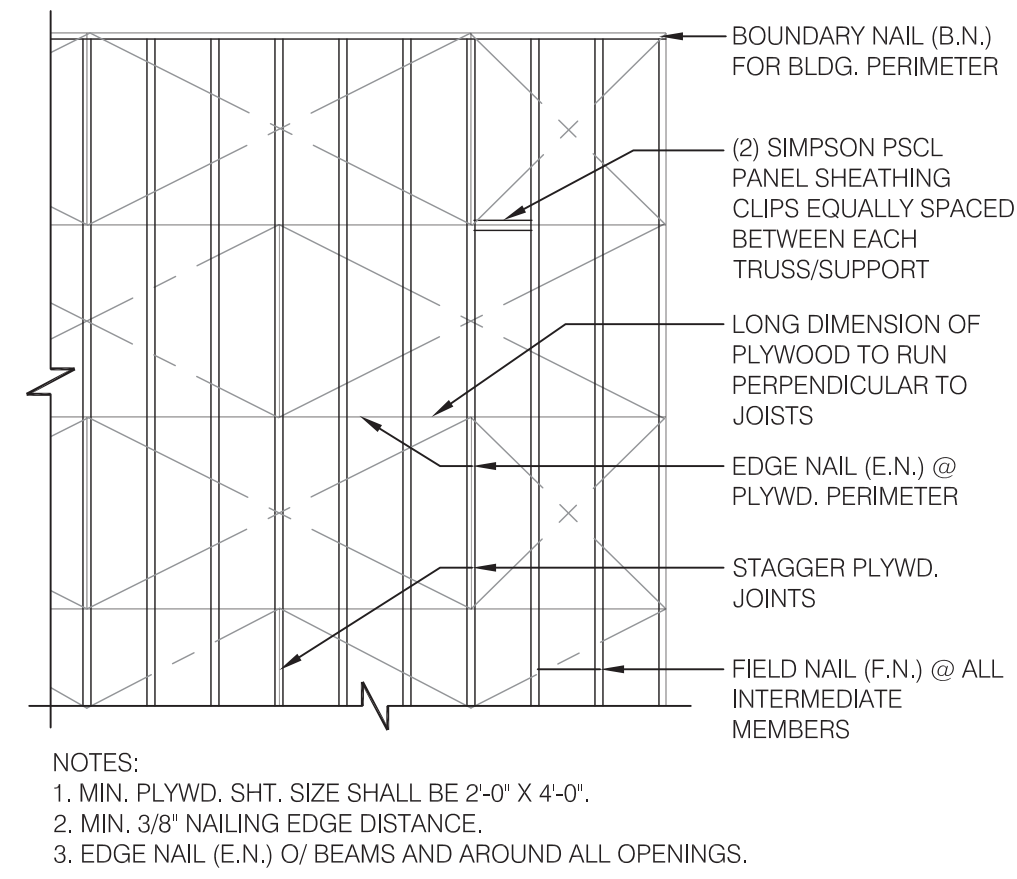
PERMIT PLOT DATE: 07.08.22

CONNECTION TYPE:

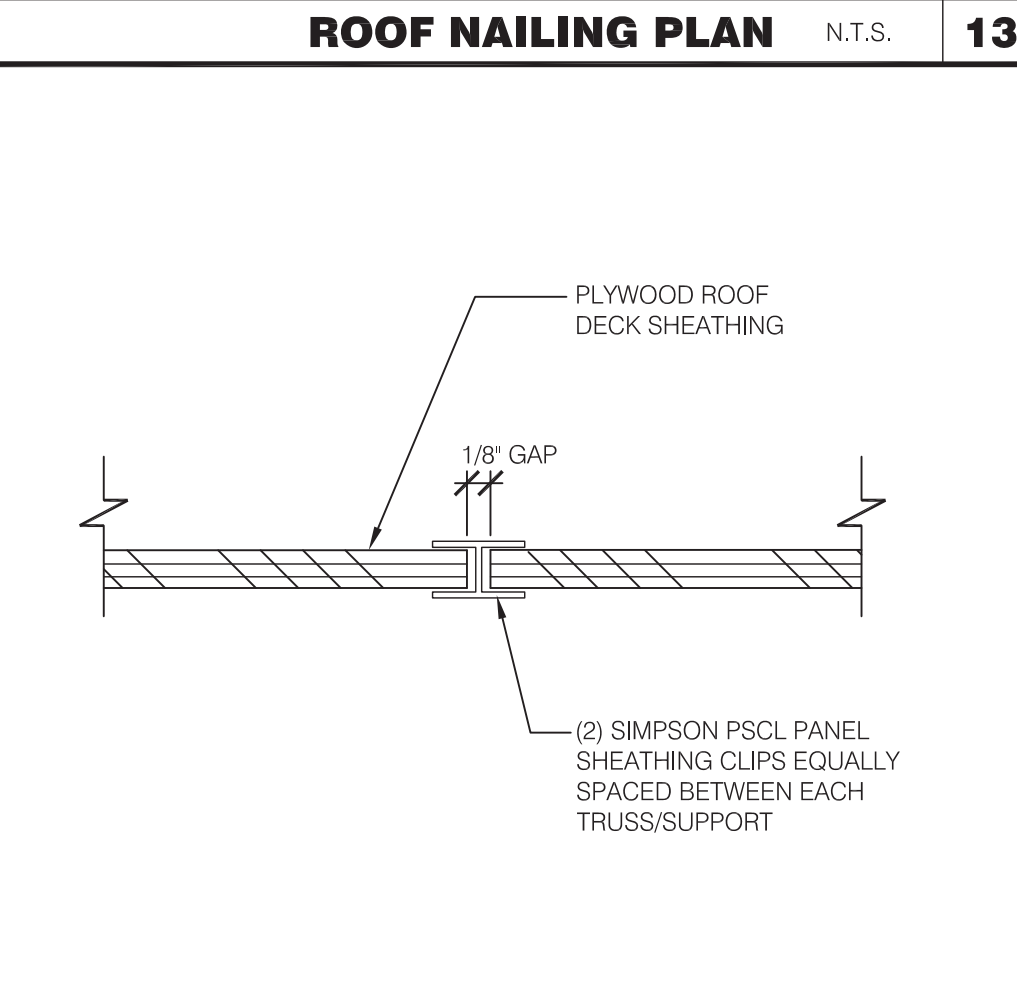
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL	(2-8d)
4. WIDER THAN 1" X 6" (25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL	(3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(2-16d)
6. SOLE PLATE 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:

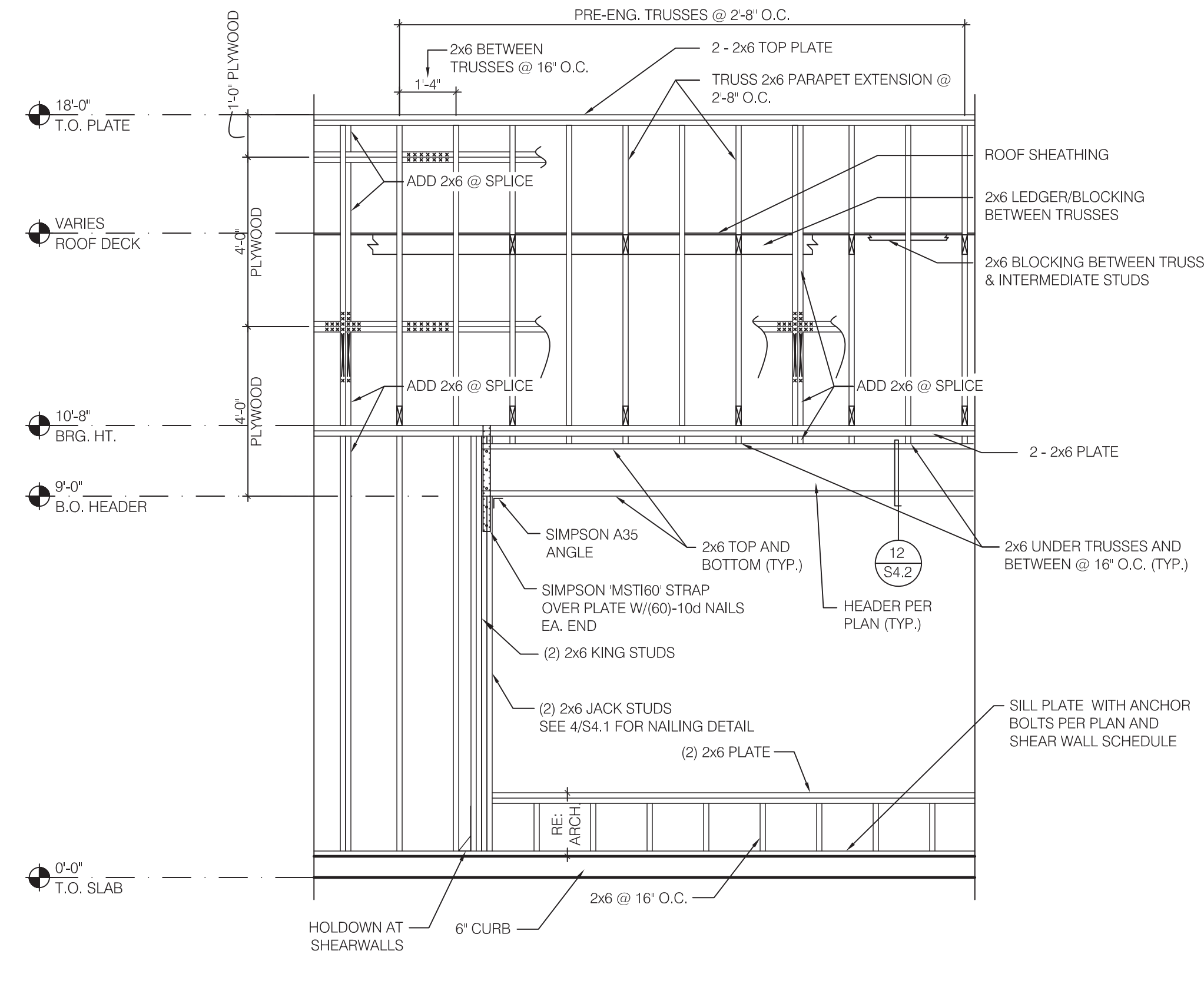
NAILING SCHEDULE N.T.S. **18**



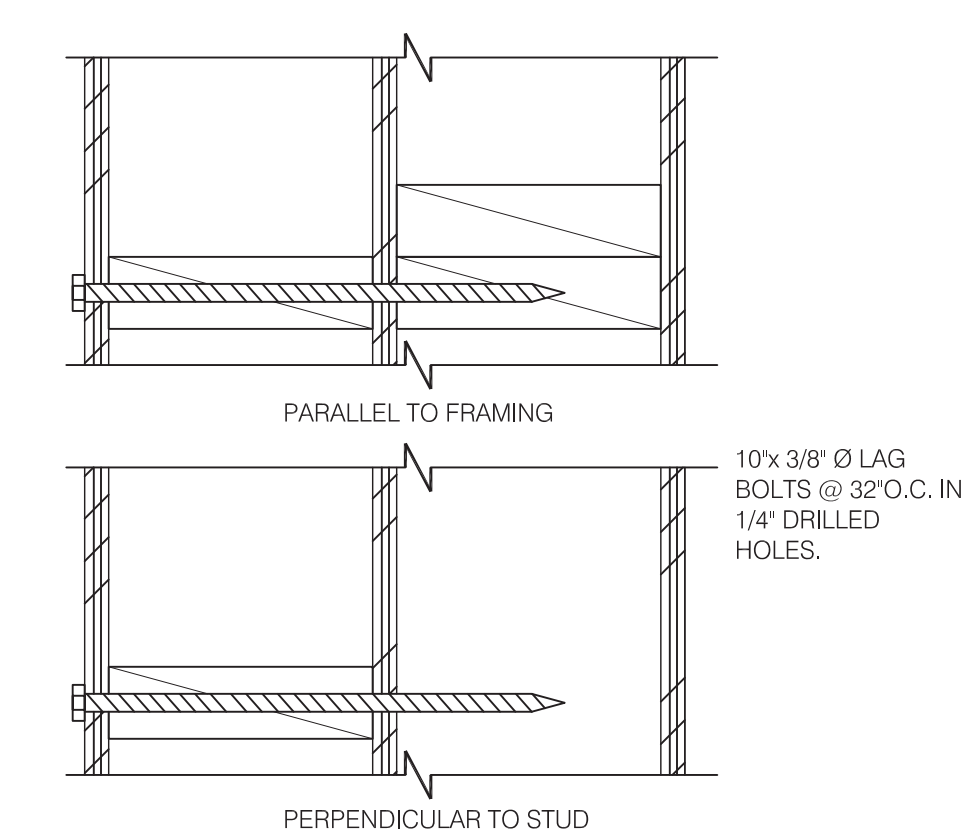
ROOF NAILING PLAN N.T.S. **13**



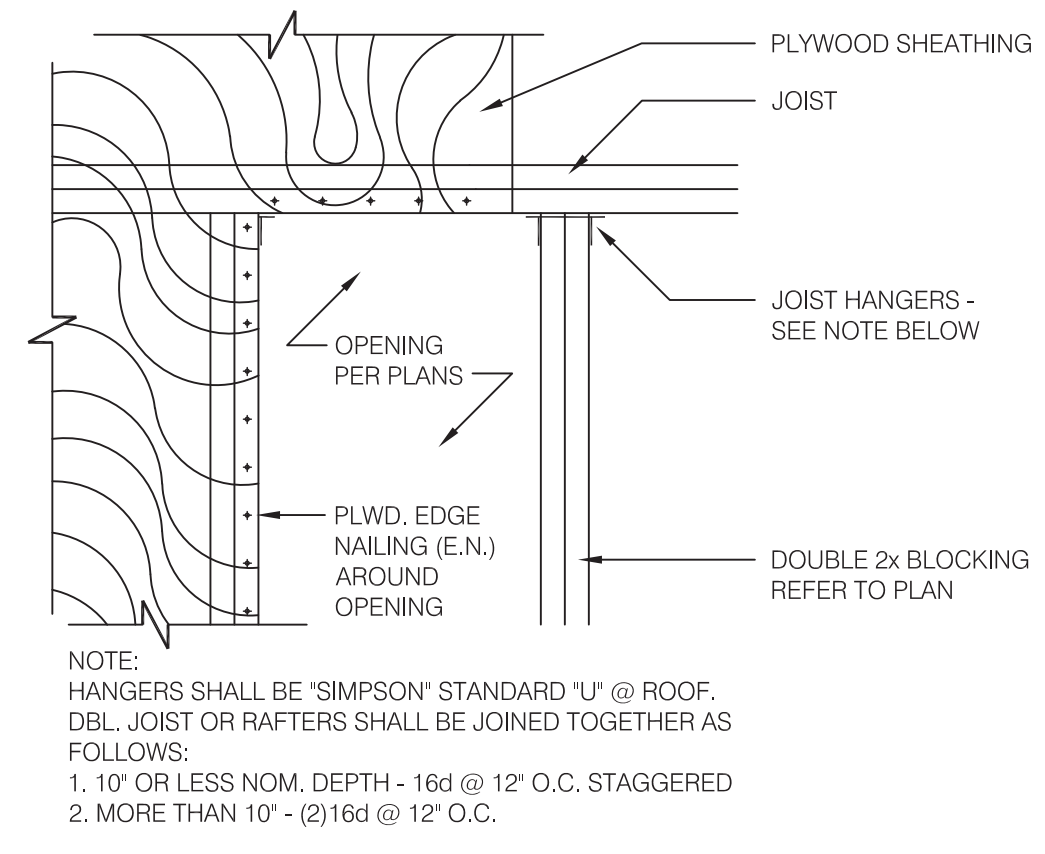
PLYWOOD EDGE SUPPORT N.T.S. **14**



WALL FRAMING AT SIDE OPENING 3/8" = 1'-0" **6**

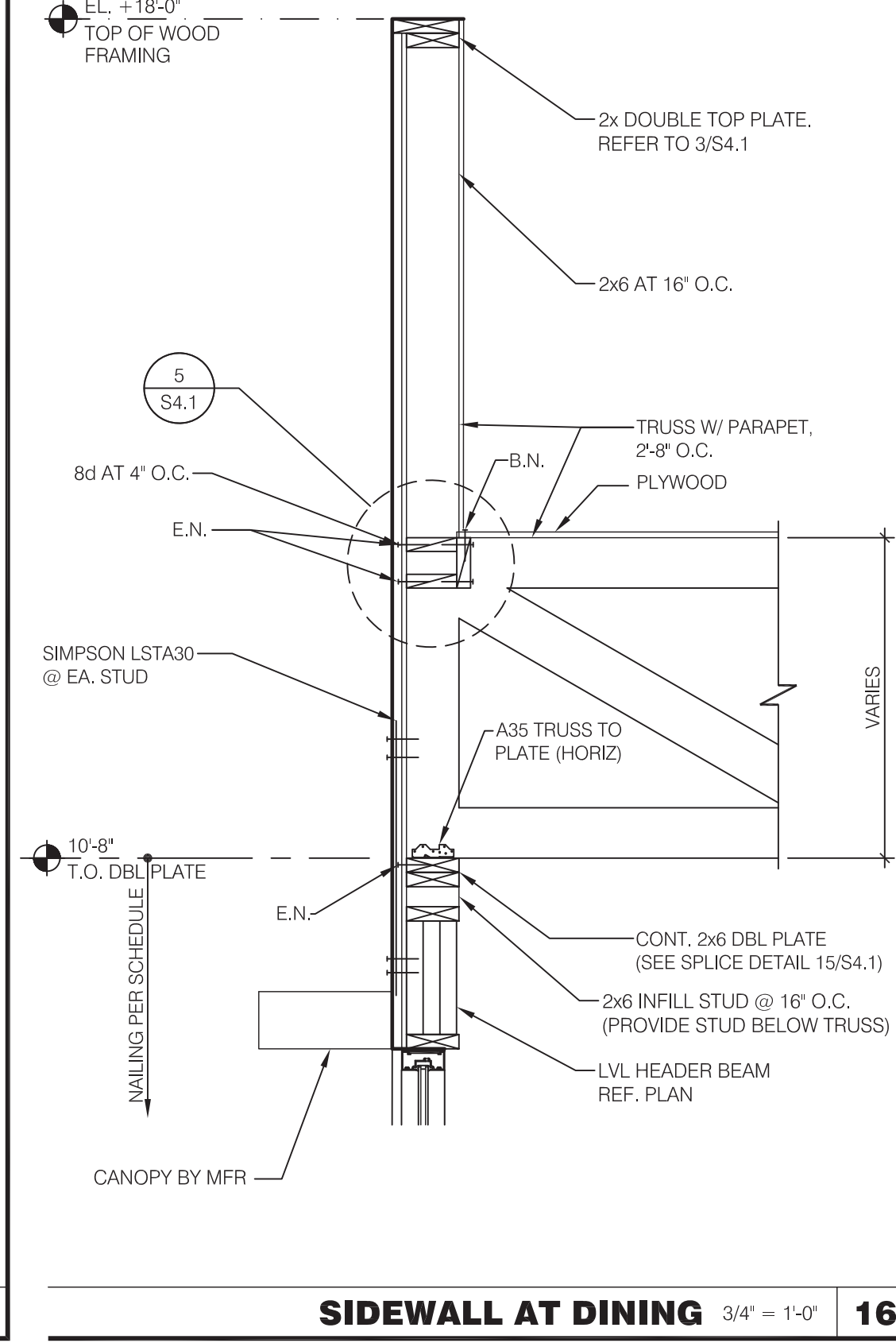


BUILD-OUT ATTACHMENT N.T.S. **1**

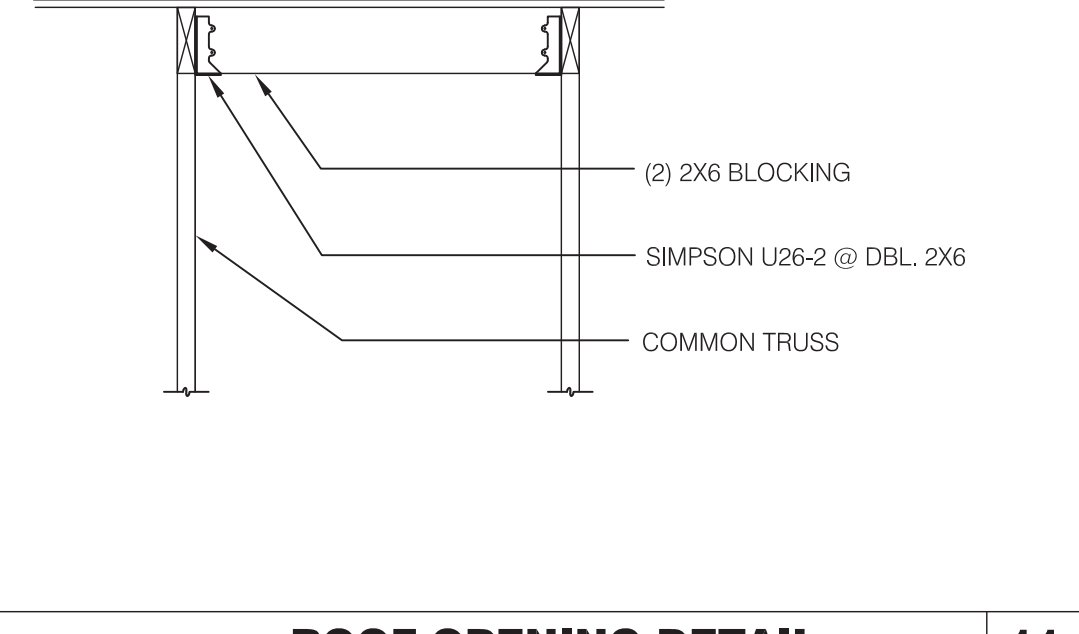


TYPICAL ROOF OPENING 1" = 1'-0" **3**

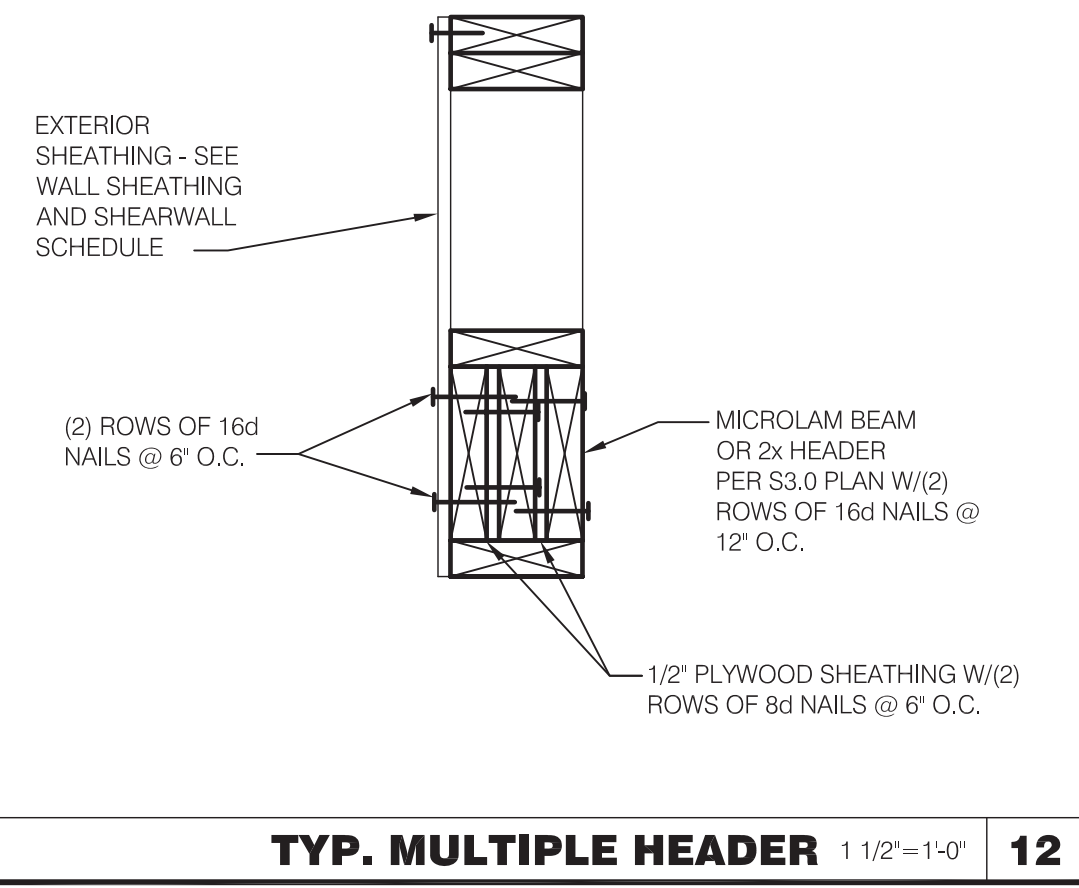
NOT USED N.T.S. **20**



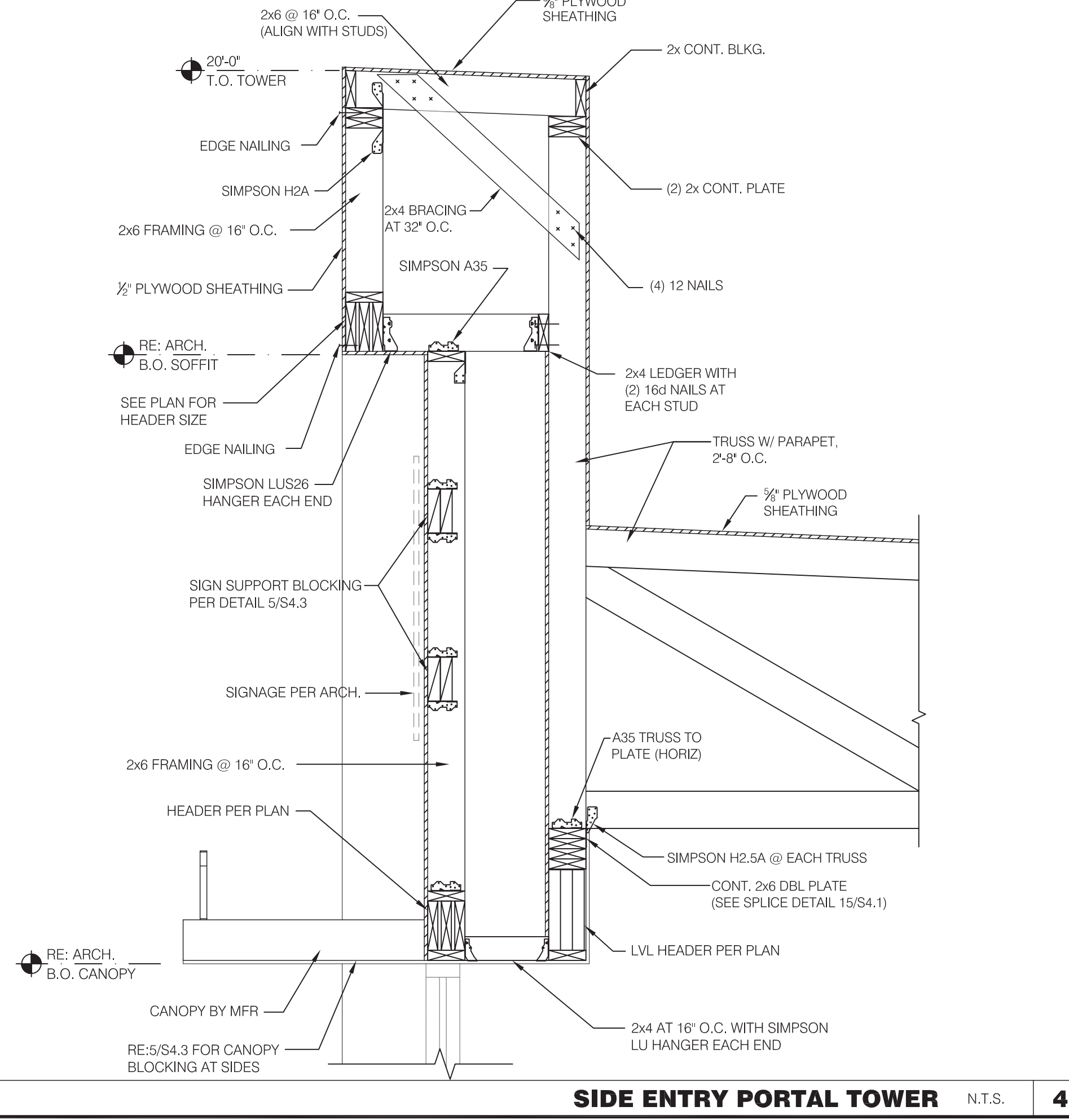
SIDEWALL AT DINING 3/4" = 1'-0" **16**



ROOF OPENING DETAIL N.T.S. **11**



TYP. MULTIPLE HEADER 1 1/2" = 1'-0" **12**



SIDE ENTRY PORTAL TOWER N.T.S. **4**

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07.08.22

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

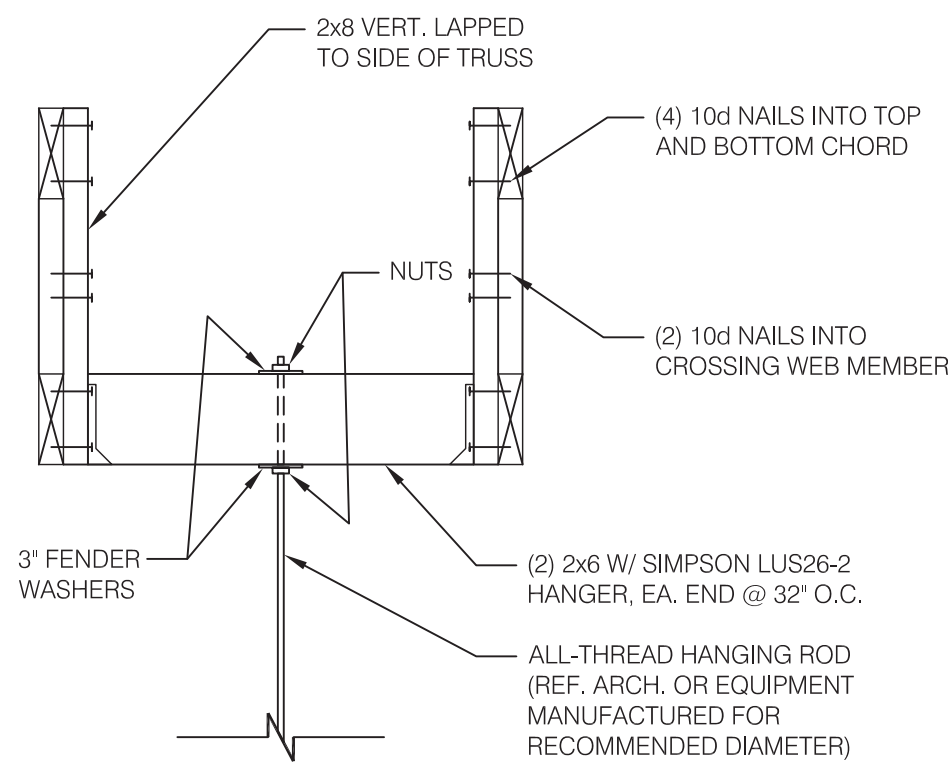
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



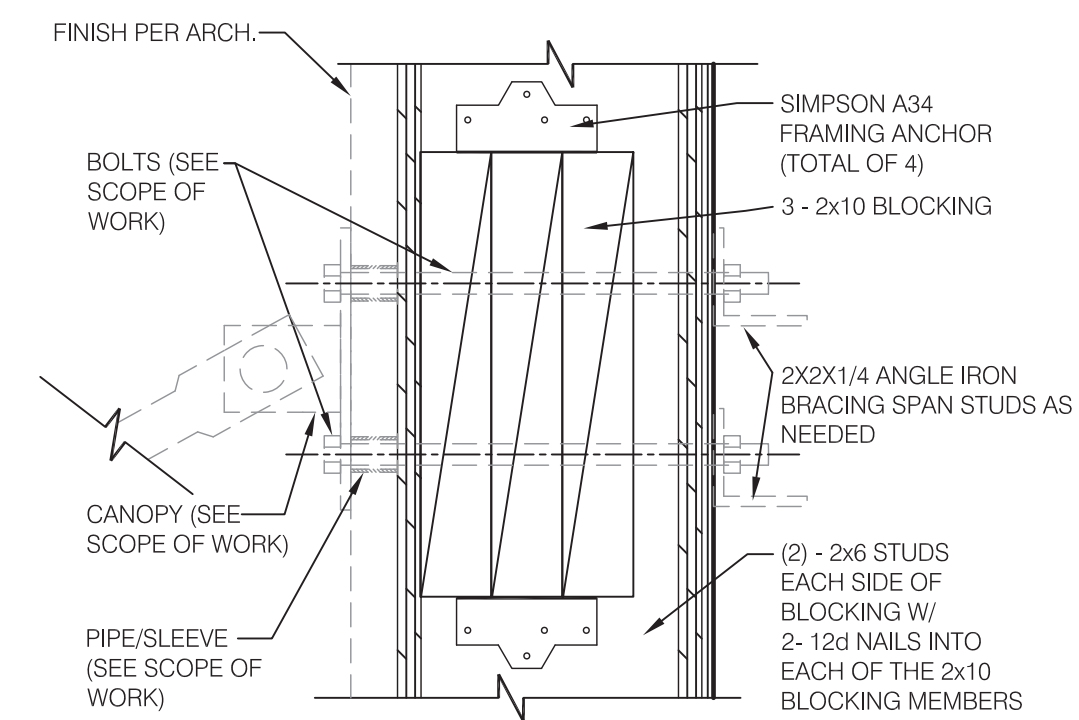
STRUCTURAL DETAILS

S4.2

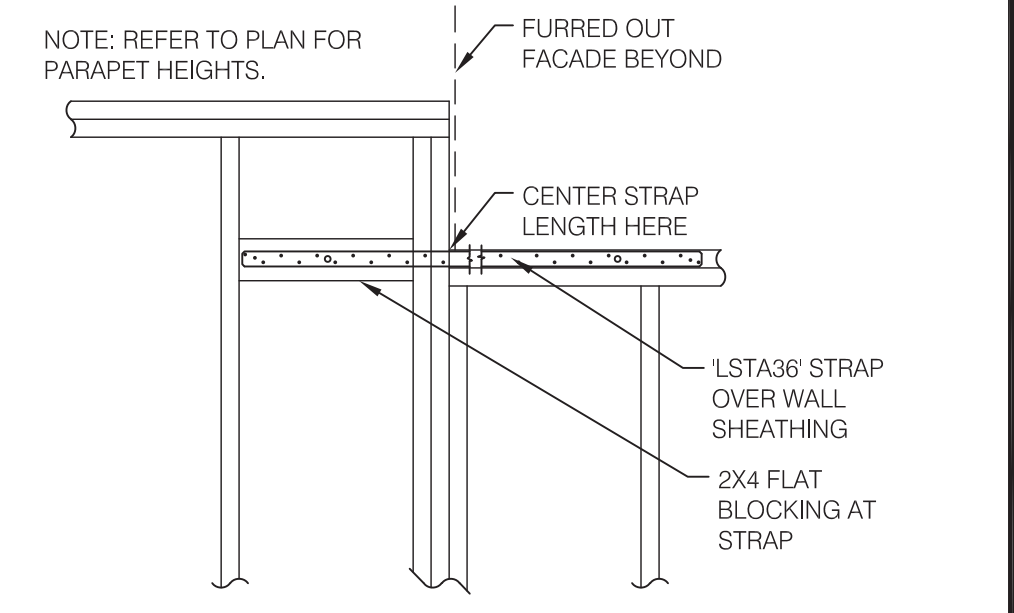
PERMIT PLOT DATE: 07.08.22



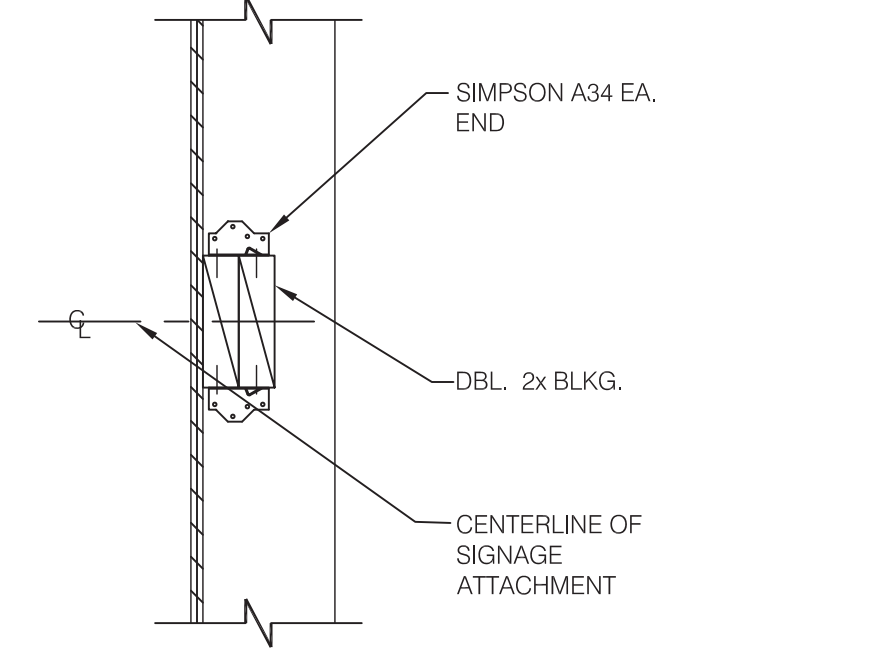
HANGING BULKHD. OR HOOD DETL. N.T.S. **17**



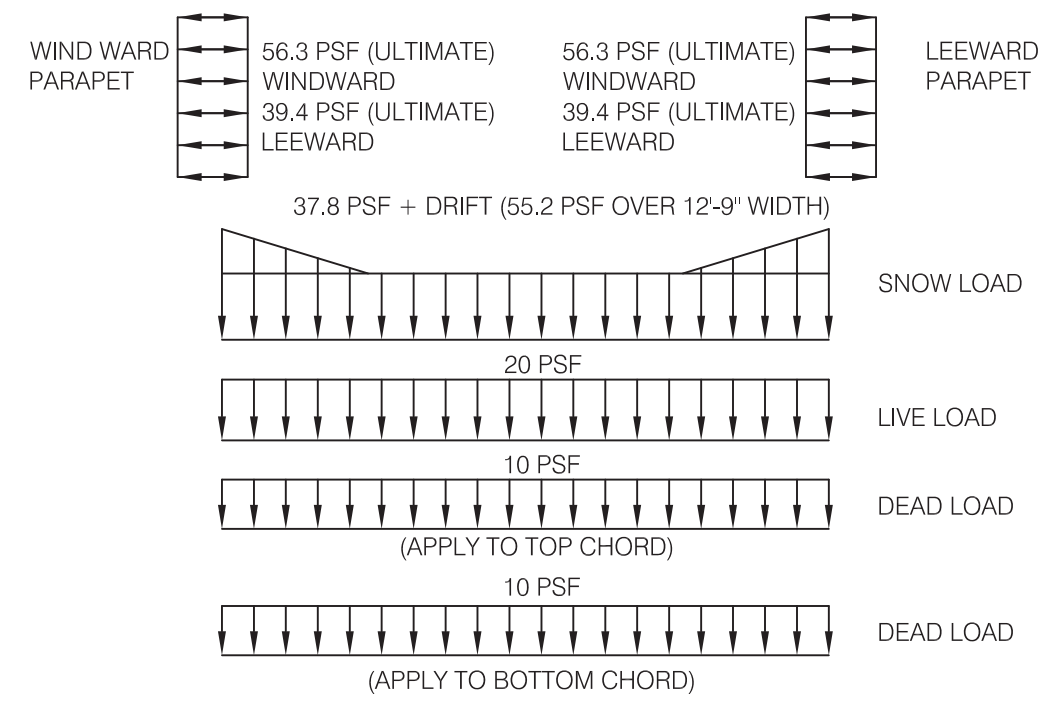
TIE-ROD BLOCKING 3" = 1'-0" **13**



STRAP AT PARAPET HEIGHT TRANS. N.T.S. **9**



SIGNAGE BLOCKING 1-1/2" = 1'-0" **5**



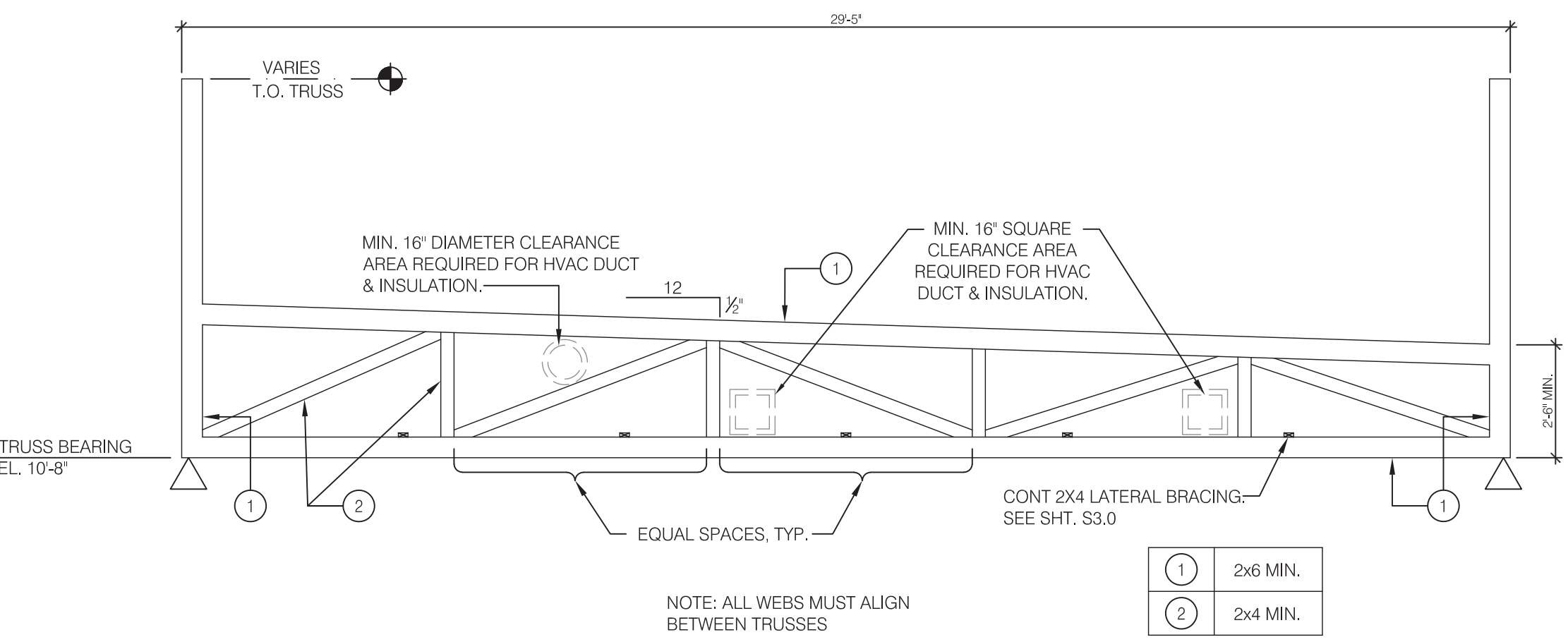
NOTE: ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.

TRUSS DESIGN CRITERIA N.T.S. **18**

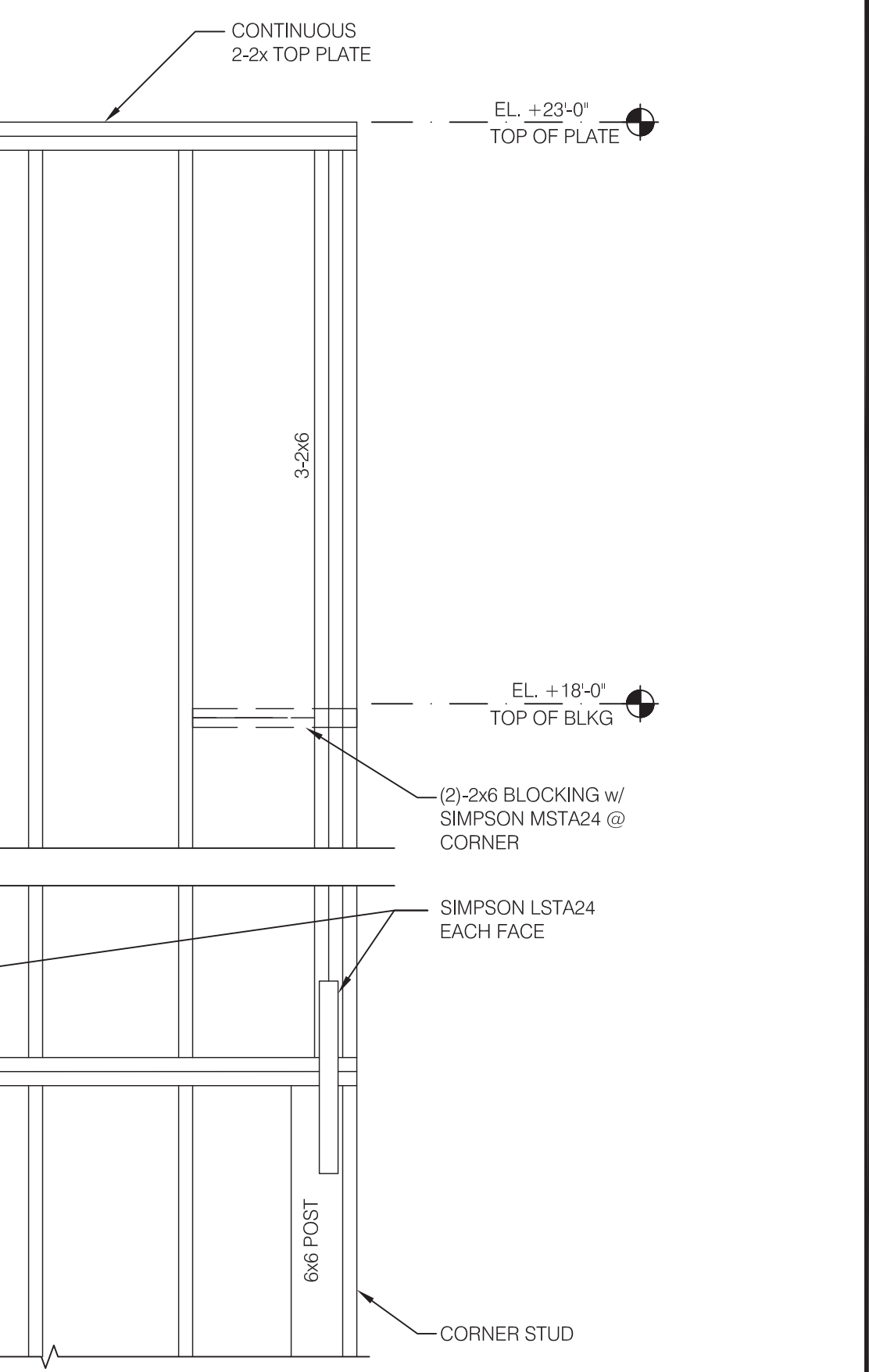
TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T28	X	XX		SEE NOTE 1.

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

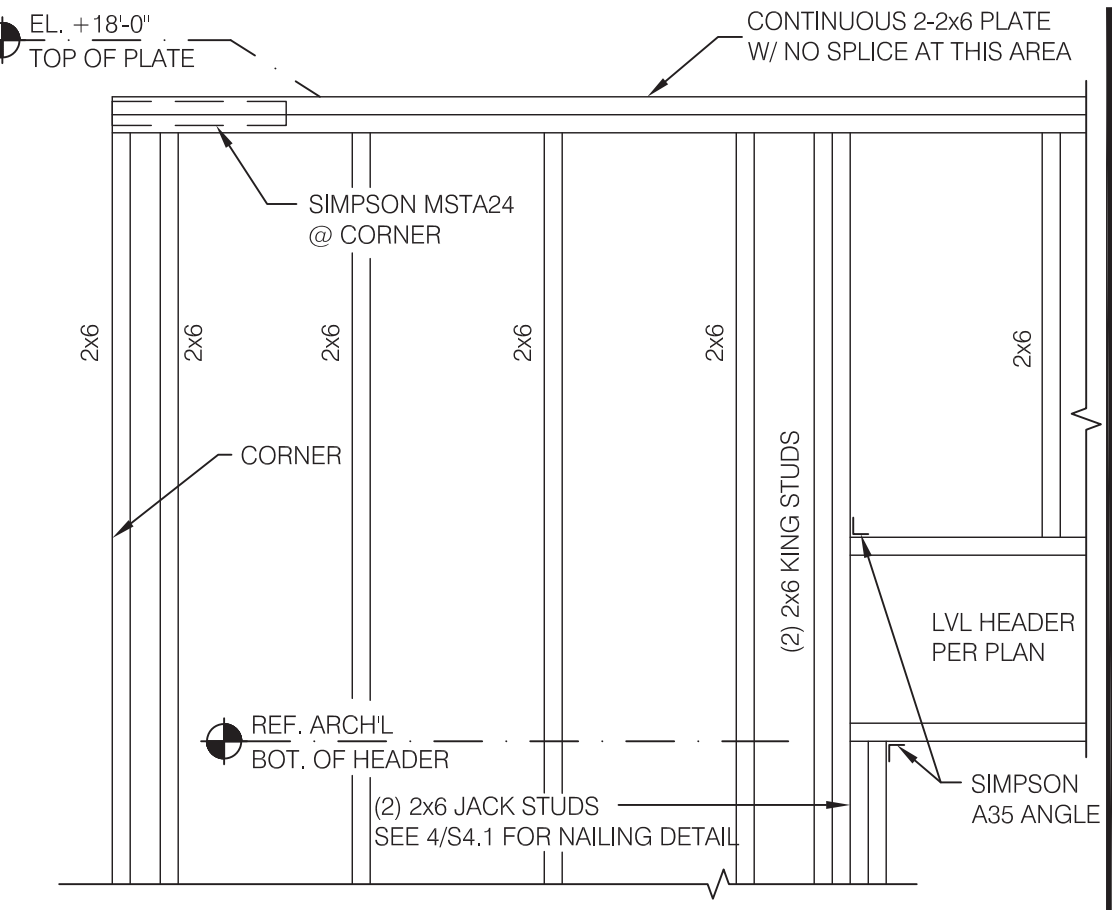
TRUSS SCHEDULE N.T.S. **19**



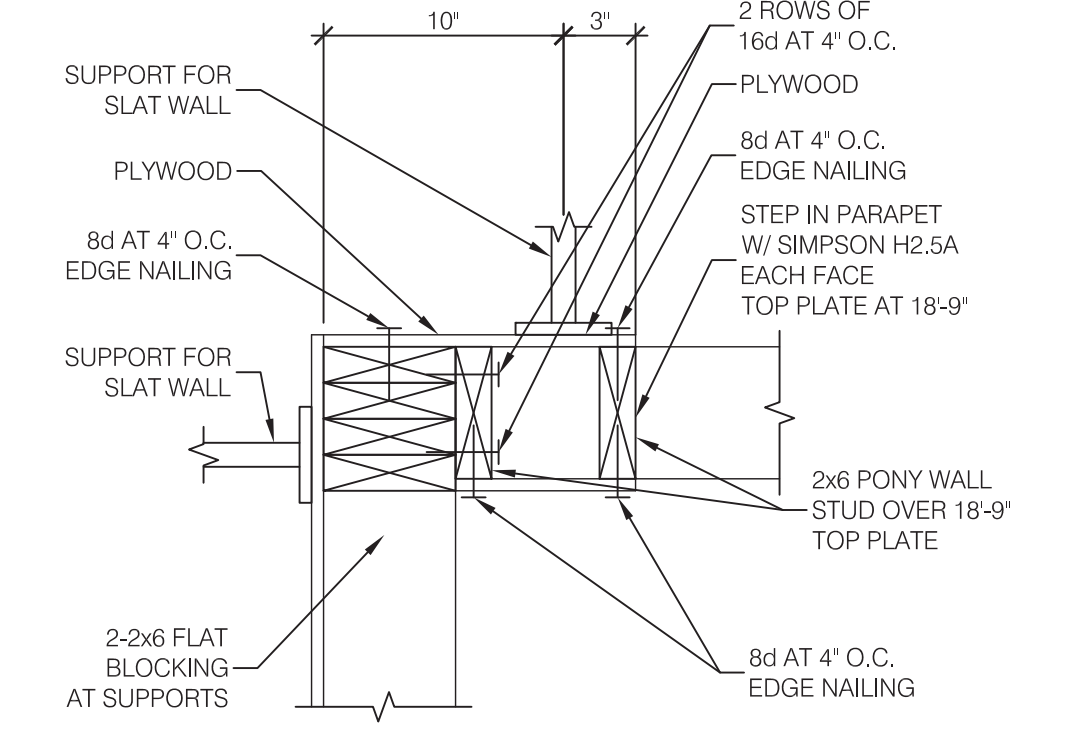
TRUSS ELEVATION 1/4" = 1'-0" **16**



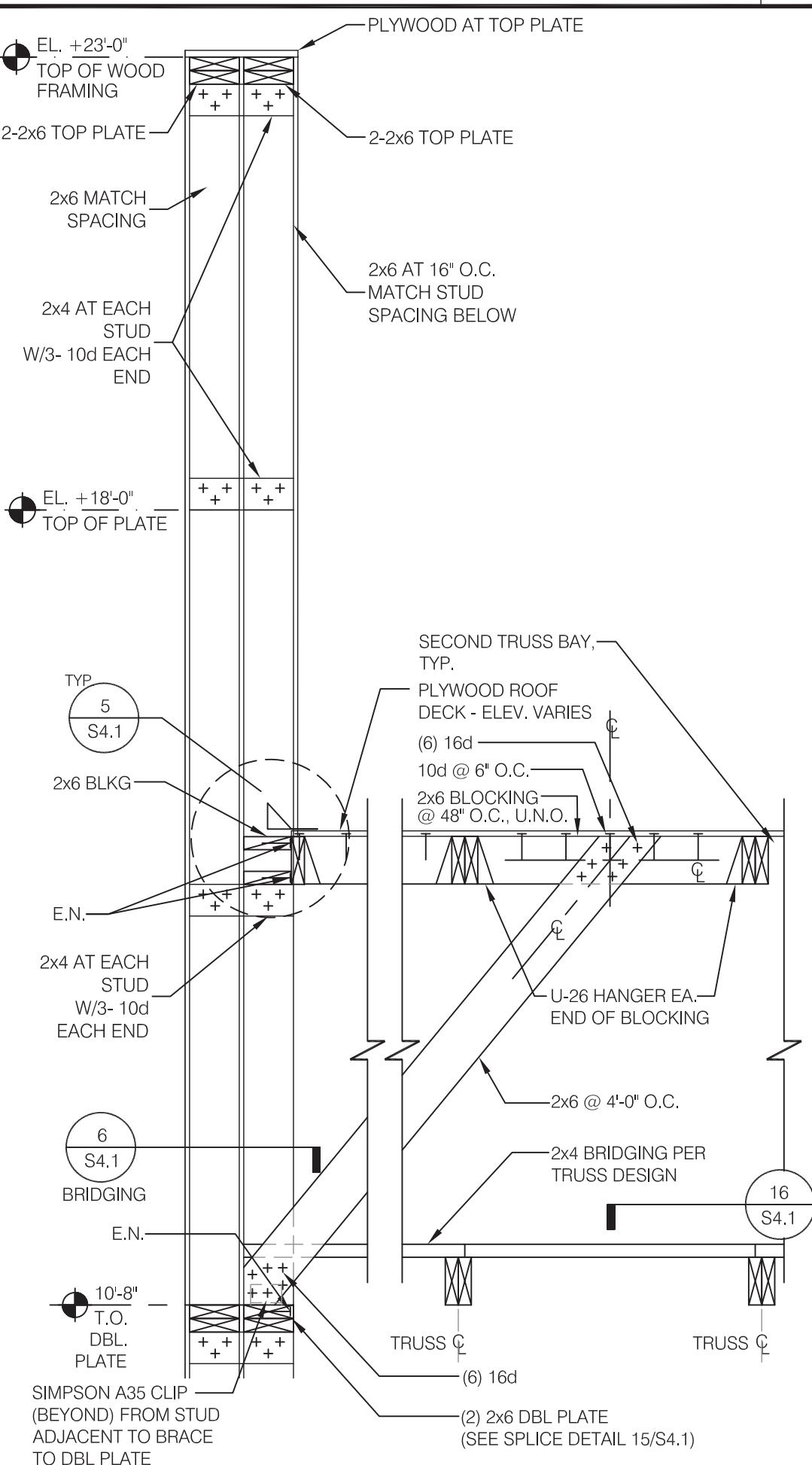
INSIDE FRONT WALL AT TOWER 3/4" = 1'-0" **11**



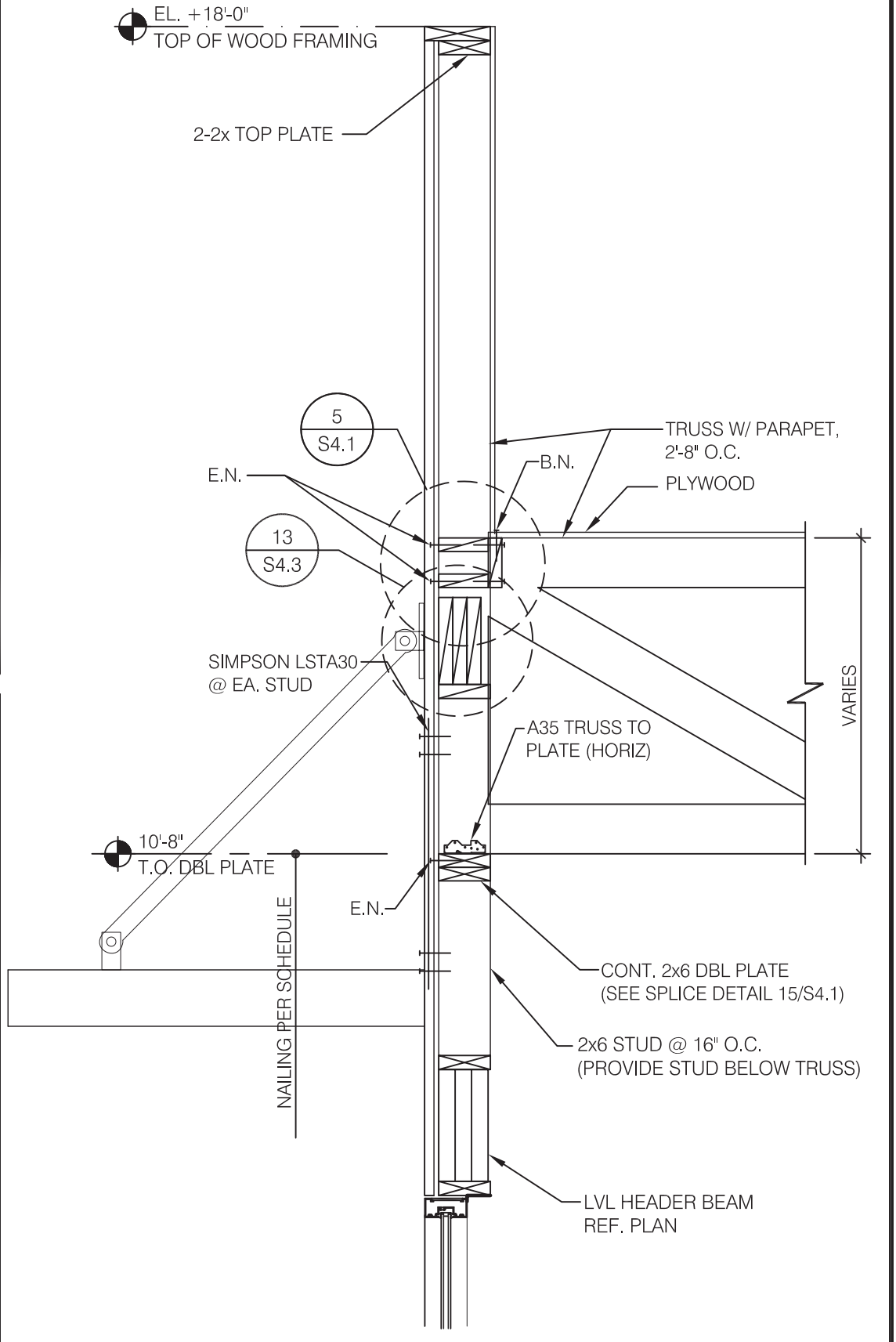
FRONT WALL AT CORNER 3/4" = 1'-0" **12**



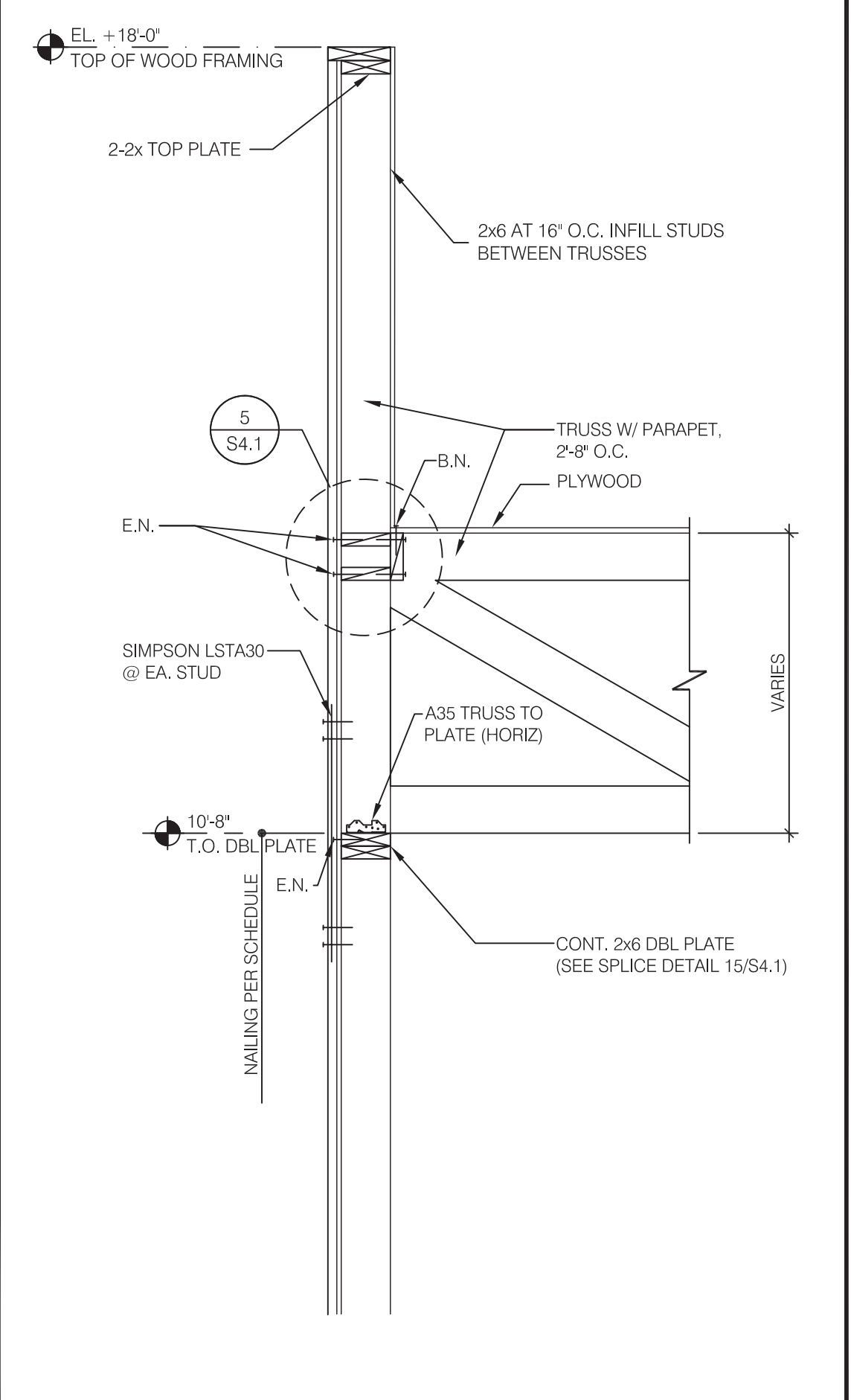
CORNER PARAPET PONY WALL 1 1/2" = 1'-0" **6**



TOWER WALL 3/4" = 1'-0" **8**



D/T WALL SECTION 3/4" = 1'-0" **2**



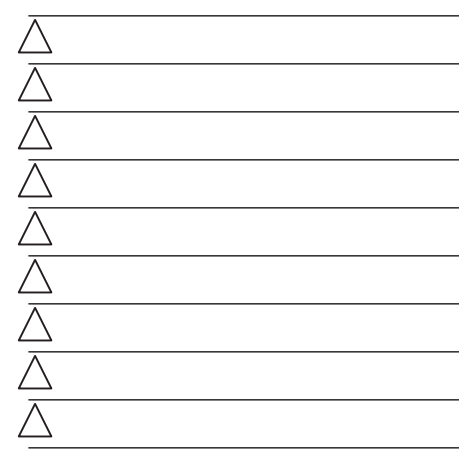
LOW SIDE WALL AT JOIST 3/4" = 1'-0" **4**

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07.08.22



CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

TACO BELL
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STRUCTURAL DETAILS

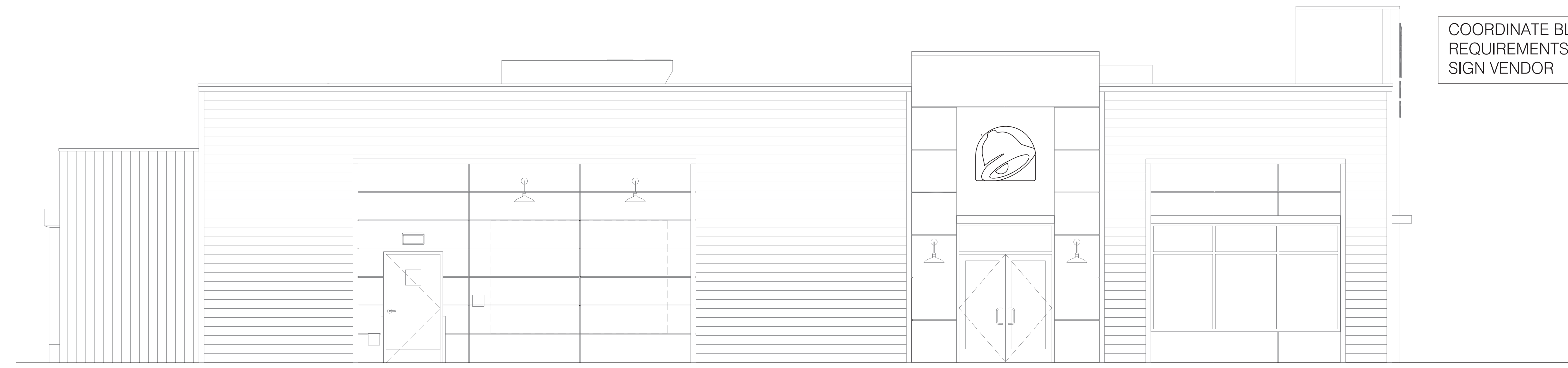
S4.3

PERMIT PLOT DATE: 07.08.22

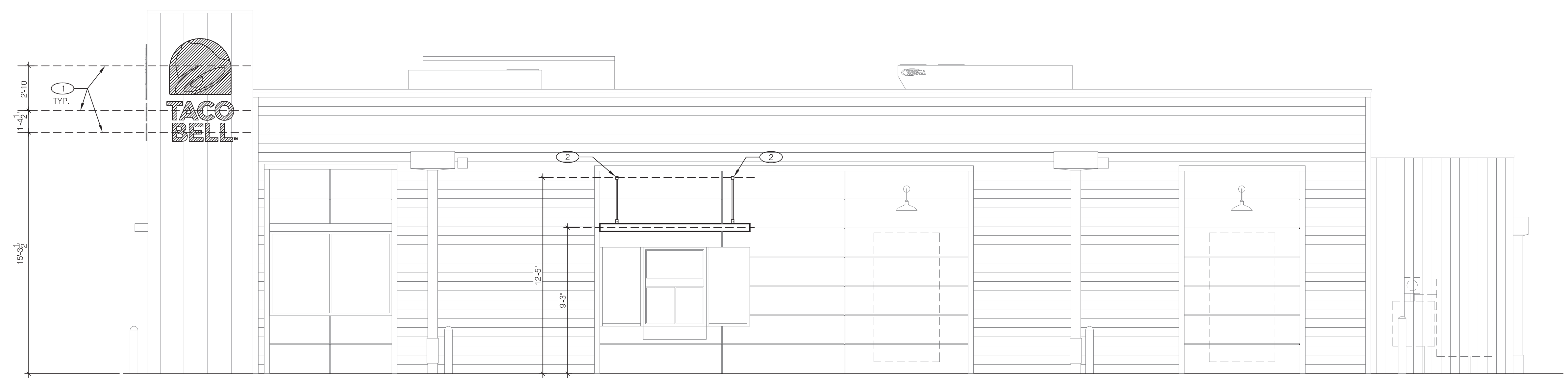
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TRAV C. SWEATMAN, PE
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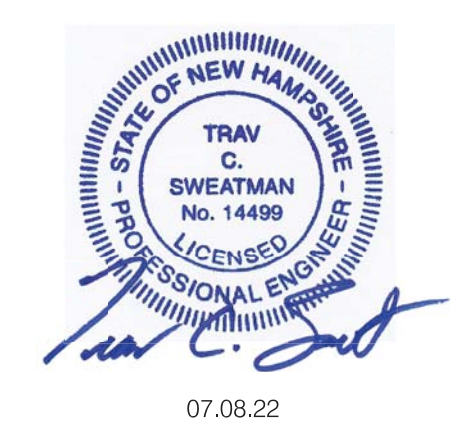
COORDINATE BLOCKING
 REQUIREMENTS WITH
 SIGN VENDOR



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



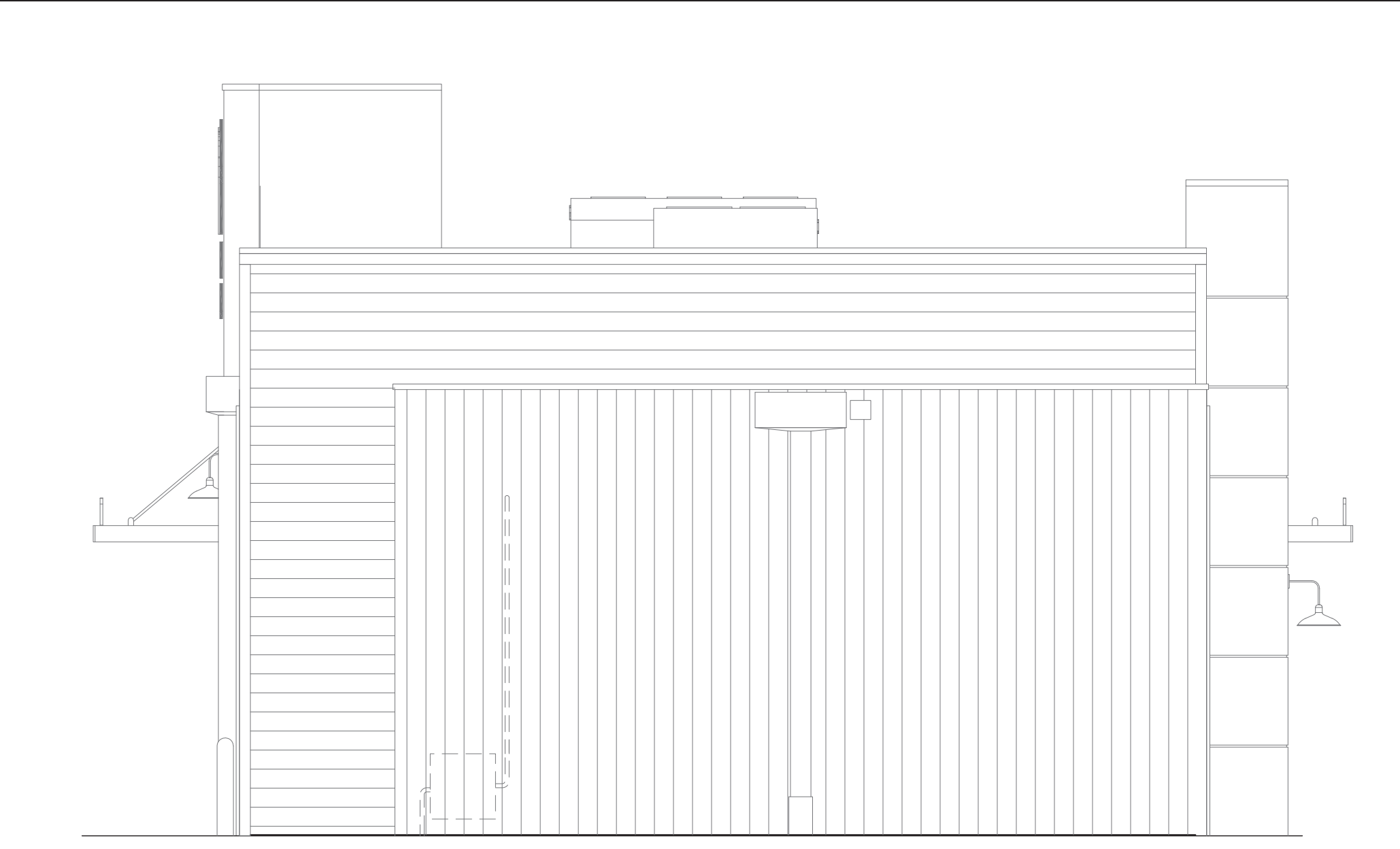
LEFT SIDE ELEVATION 1/4" = 1'-0" **B**



- △
- △
- △
- △
- △
- △
- △
- △



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



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

- ① SOLID BLOCKING FOR FASTENERS AS REQUIRED FOR SIGN MOUNTING. SEE DETAIL 5/S4.3
- ② PROVIDE BLOCKING FOR CANOPY. SEE DETAIL 13/S4.3

KEY NOTES **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 AWNINGS & CANOPIES. ADDITIONAL BLOCKING IS REQUIRED FOR OTHER ITEMS AS SHOWN ON OTHER DRAWINGS.

GENERAL NOTES **D**

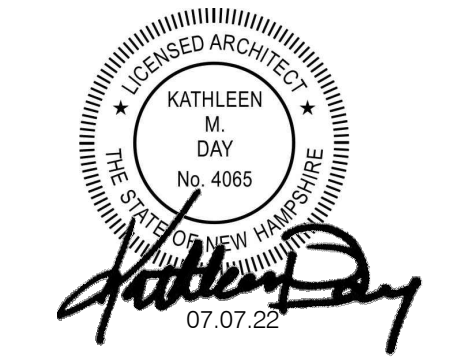
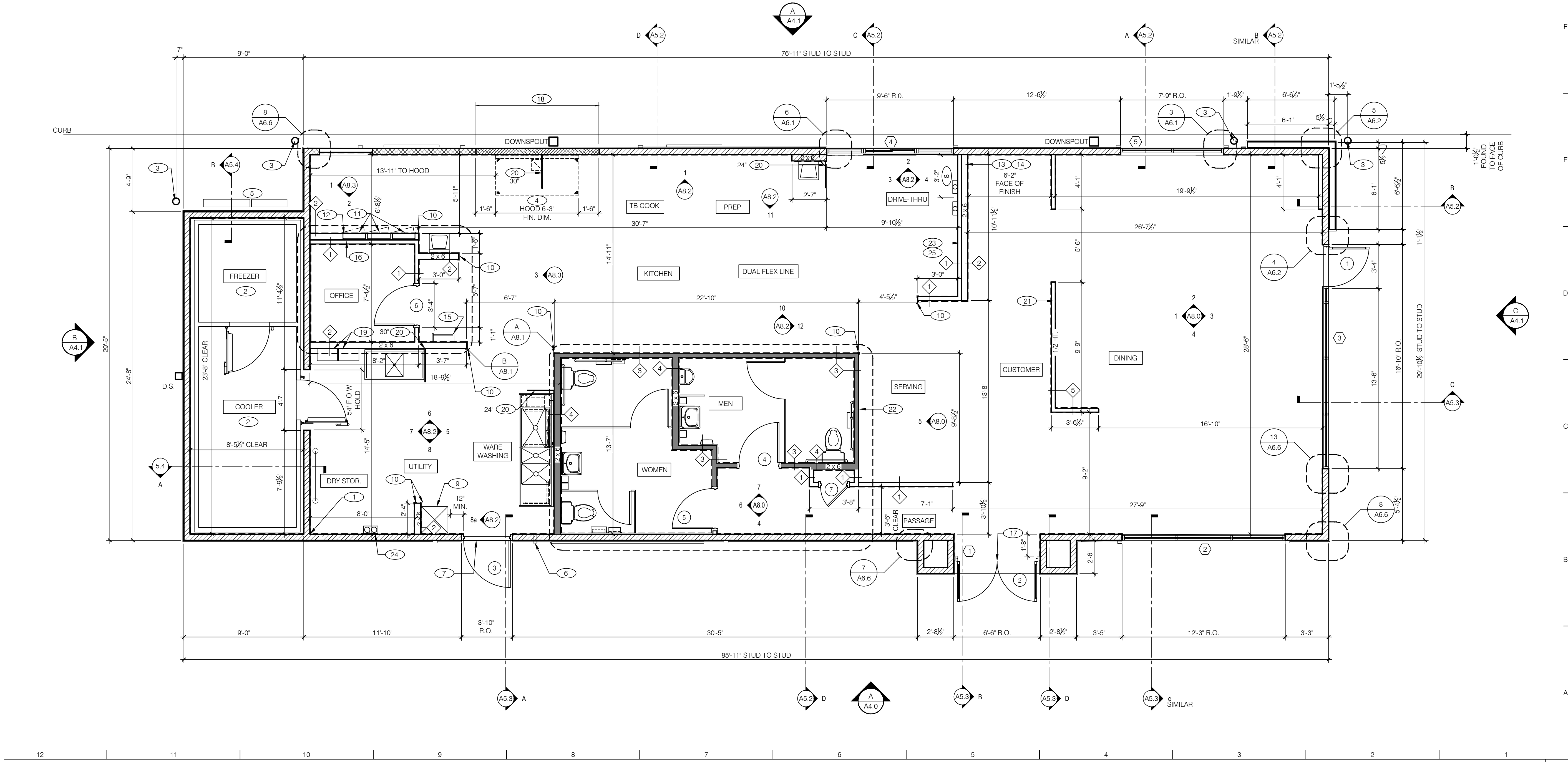
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50
**CANOPY/
 AWNING
 ELEVATIONS**

\$5.0

PERMIT PLOT DATE: 07.08.22



WALL LEGEND		E	
	TYPICAL EXTERIOR WALL: 2x6 WD STUDS AT 16" O.C. W/ SHEATHING AS SCHEDULED (SEE STRUCT. DWGS.) AND R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE 2 LAYERS OF GRADE 'D' 60 lb BUILDING PAPER.		INTERIOR SOUND-RATED WALL: TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED FIBERGLASS BATT INSULATION.
	EXTERIOR WALL AT PLUMBING: (2) 2x6 WD STUDS AT 16" O.C. W/ SHEATHING AS SCHEDULED (SEE STRUCT. DWGS.) AND R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE 2 LAYERS OF GRADE 'D' 60 lb BUILDING PAPER.		HOOD WALL: EXTERIOR WALL WITH 20 GA. S.S. PANEL BEHIND HOOD. EXTEND MIN. 18" BEYOND END OF HOOD. REFER TO DETAIL 2/M3.0 FOR EXTENT OF S.S. PANEL.
	TYPICAL INTERIOR WALL: WD STUDS AT 16" O.C. AS INDICATED		HALF INTERIOR WALL: WD STUDS AT 16" O.C. AS INDICATED
	WALL SUBSTRATES: - DINING ROOM: 1/2" GYPSUM WALLBOARD FROM T.O. CURB TO 6" ABOVE CEILING HEIGHT U.O.N. (NOTE: THE CEMENT BOARD SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBILITY.) - KITCHEN WALLS AND DINING ROOM CLOSET: 1/2" CEMENT WALLBOARD FROM T.O. SLAB TO 12" A.F.F. 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 12" A.F.F. IF DOUBLE SIDED SHEAR WALL PLYWD IS SPECIFIED THE PLYWOOD SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. - RESTROOM WALLS: 5/8" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 5/8" HI-IMPACT BRAND XP WALLBOARD TYPE X CORE FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N.. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED. - ALL OTHER FRAME WALL CONDITIONS: 1/2" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N. FINISH AS SCHEDULED.		DASHED LINE INDICATES INTERIOR SUBSTRATE LOCATION.

FLOOR PLAN NOTES		D	
DIMENSIONS:		A. ALL DIMENSIONS ARE TO FACE OF STUD U.O.N. REFER TO FOUNDATION PLAN FOR FACE OF CONC. DIMENSIONS.	
B. DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REQ'D. NET CLEARANCE FROM FACE OF WALL / WAINSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.		WINDOWS / DOORS:	
A. SEE SHT. AT 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.		B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.	
C. ALL ATTACHMENTS MADE THROUGH E.I.F.S. SHALL BE BUSHED TO PREVENT DAMAGE TO THE FINISH. PER 9/A6.2.		D. ALL PENETRATIONS THROUGH EXTERIOR FINISHES SHALL BE SEALED USING MFRS. APPROVED METHOD.	

KEY NOTES		B	
1	STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT AS A BEGINNING LAY-OUT (INSIDE FACE OF EXT. WALL STUDS).	15	ROOF LADDER SEE 4/A6.0
2	NO FRP BEHIND W-059 WALK-IN COOLER/FREEZER.	16	ADD SECOND 2X4 WALL ON OFFICE SIDE.
3	PIPE BOLLARD. SEE DETAIL 5/SD1.0.	17	FULL LENGTH ASTRAGAL WEATHER STRIPPING BETWEEN DOORS
4	HOOD WALL, SEE WALL LEGEND.	18	METAL STUDS REQUIRED.
5	ELECTRICAL MAIN SWITCH BOARD. REFER TO ELECT. DWGS.	19	WALL MOUNTED TANKLESS WATER HEATER - SEE PLUMB.
6	CO2 FILL BOX LOCATION SEE- 17/A6.1.	20	SPLASH GUARD. SEE DETAIL 9/A6.3.
7	RESIN TO METAL THRESHOLD.	21	LOW WALL BY G.C. SEE 4/A6.4 AND 8/A8.0
8	KEEP CLEAR FOR UTILITIES & SYRUP LINES. SEE DETAIL 7&11/A6.4 FOR STUD LAYOUT REQUIREMENTS.	22	SERVICE WALL. REFER TO 5/A8.0
9	MOP SINK. REFER TO SHEET A2.0, A2.1 & A8.3. S.S. BACKSPASH PER A8.2.	23	SHEAR WALL - SEE 7/A6.4 AND STRUCTURAL.
10	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. SEE DETAIL 11/A6.3.	24	8"D x 18"W x 30"H S.S. SYRUP LINE CHASE (ABOVE). SEE DETAIL 11/A6.4 - SIM
11	ELECT. PANELS RECESSED IN 2x6 WALL.	25	FUR OUT WALL AS INDICATED WITH 2X4 WOOD STUDS @ 16" O.C.
12	LIGHTING CONTROL PANEL RECESSED. REFER TO ELECT. DWGS.		
13	SYRUP LINE CHASE (ABOVE). SEE DETAIL 11/A6.4.		
14	14"x14" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER. SEE 8/A6.4.		

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



FLOOR PLAN
A1.0
 PERMIT PLOT DATE:

- DIMENSIONS ON THIS DRAWING ARE TO FRAME EDGE. REFER TO SHEETS A1.0 FOR ROUGH OPENING DIMENSIONS
- ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE
- SEE SCHEDULE FOR GLASS TYPES.
- REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
- ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C., U.O.N.

- LAMINATE DOORS 3, 4, 5, 6 & 7 AND PANIC FRAMES 3, 4, 5, 6 & 7. SEE INTERIOR ELEVATION, SHEET A8.0, A8.1 & A8.2.
- ALL HARDWARE SHALL BE US32D U.O.N.
- ALL HM FRAMES SHALL BE 16 GA. STEEL U.O.N.
- ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYPED ALIKE.
- PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
- MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
- COMPLETE DOOR, FRAME AND HARDWARE PACKAGE INCLUDING: VISION PANEL (WITH 18 GA. HOLLOW METAL FRAME), CONTINUOUS HINGE, HEAVY DUTY CLOSER, RAIN DRIP, DOOR BOTTOM/ SWEEP, WEATHERSTRIP, KICKPLATE AND PANIC HARDWARE, ORDERED THRU LOCKNET SECURITY DOORS, COMPLETE DU FOR CHARTER FOODS ONLY (1-800-887-4307).
- PROVIDE PUSH/PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE: DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL.
- MOUNT KICKPLATE ON PUSH SIDE ONLY.
- MAXIMUM DOOR OPERATING PRESSURE: 5 LBS INTERIOR, 8.5 LBS EXTERIOR.
- ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION - (1) MEN, (1) WOMEN. SEE G4.0.
- RESTROOM SIGN REQUIRED. SEE G4.0.
- INSTALL WITH APPLIED DOORS STOPS AND WEATHER STRIPS.
- FRAMES SHALL BE PAINTED. SEE EXTERIOR ELEVATION A4.0.
- PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCK.
- PROVIDE 2" REMOVABLE ASTRAGAL FROM INSIDE ONLY.
- OPTIONAL HARDWARE AT RESTROOM DOOR:
OCCUPANCY INDICATION DEADBOL, FALCON D271
PUSH PLATE, ROCKWOOD 70F - 8' X 16"
PULL PLATE, TRIMCO 1017-3B - 4' X 16"
GC TO TRIM DOOR SWEEP TO FIT DOOR.
ALL DOORS WITH HANDLE HARDWARE TO BE LEVER TYPE HANDLES.

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 617.331.2545
 kathleendayarchitect@gmail.com

NATIONAL ACCOUNTS SUPPLIER	
INTERIOR DOORS, FRAMES & HARDWARE	HAMILTON PARKER
LOCKNET CONSTRUCTION@LOCKNET.COM 800 JOHN C. WATTS DR. NICHOLASVILLE, KY 40356 855-432-4613 FAX: 877-887	JIM CAMPBELL D. 614-358-7806 E-MAIL: JIM.CAMPBELL@HAMILTONPARKER.COM

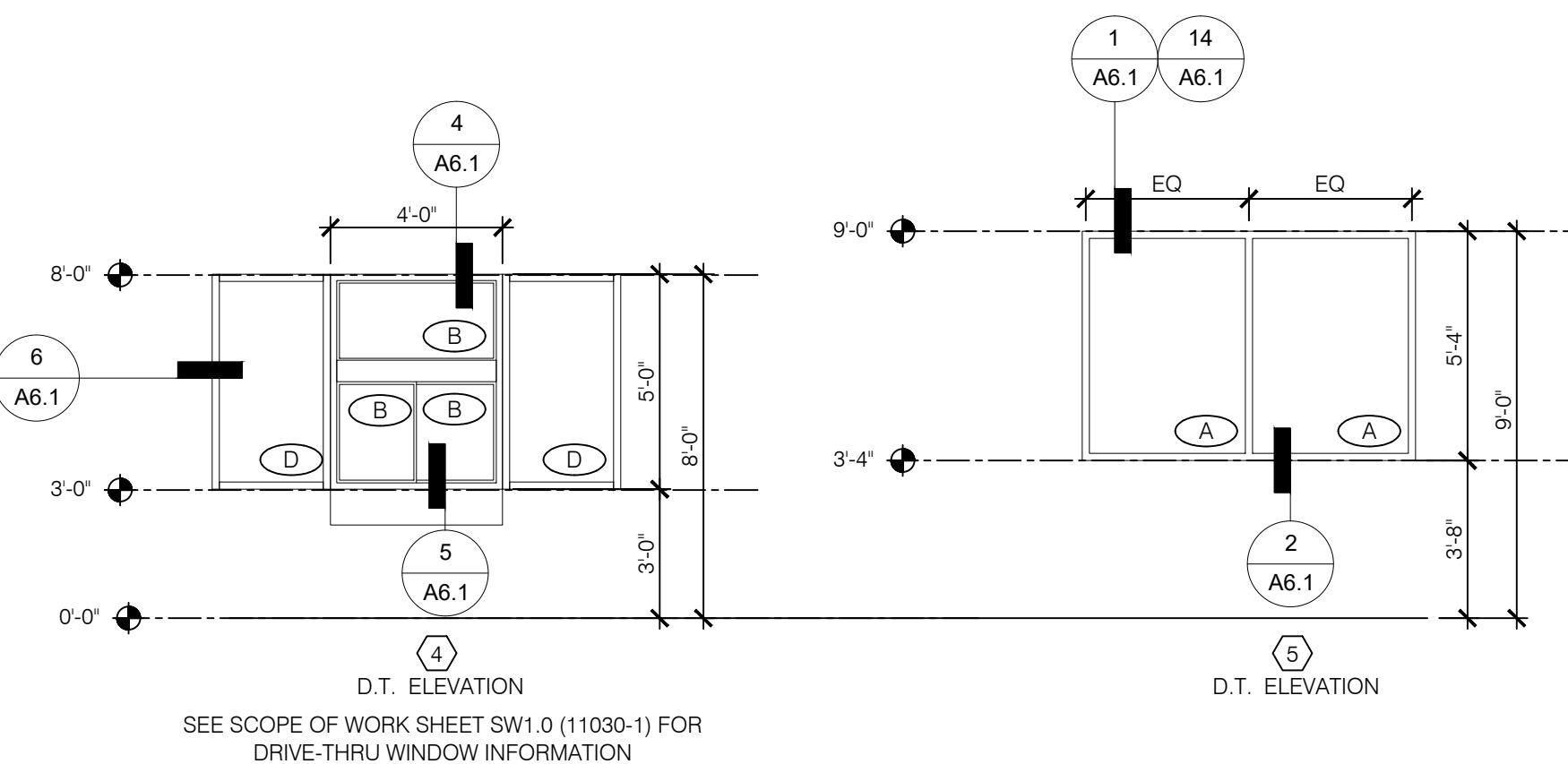
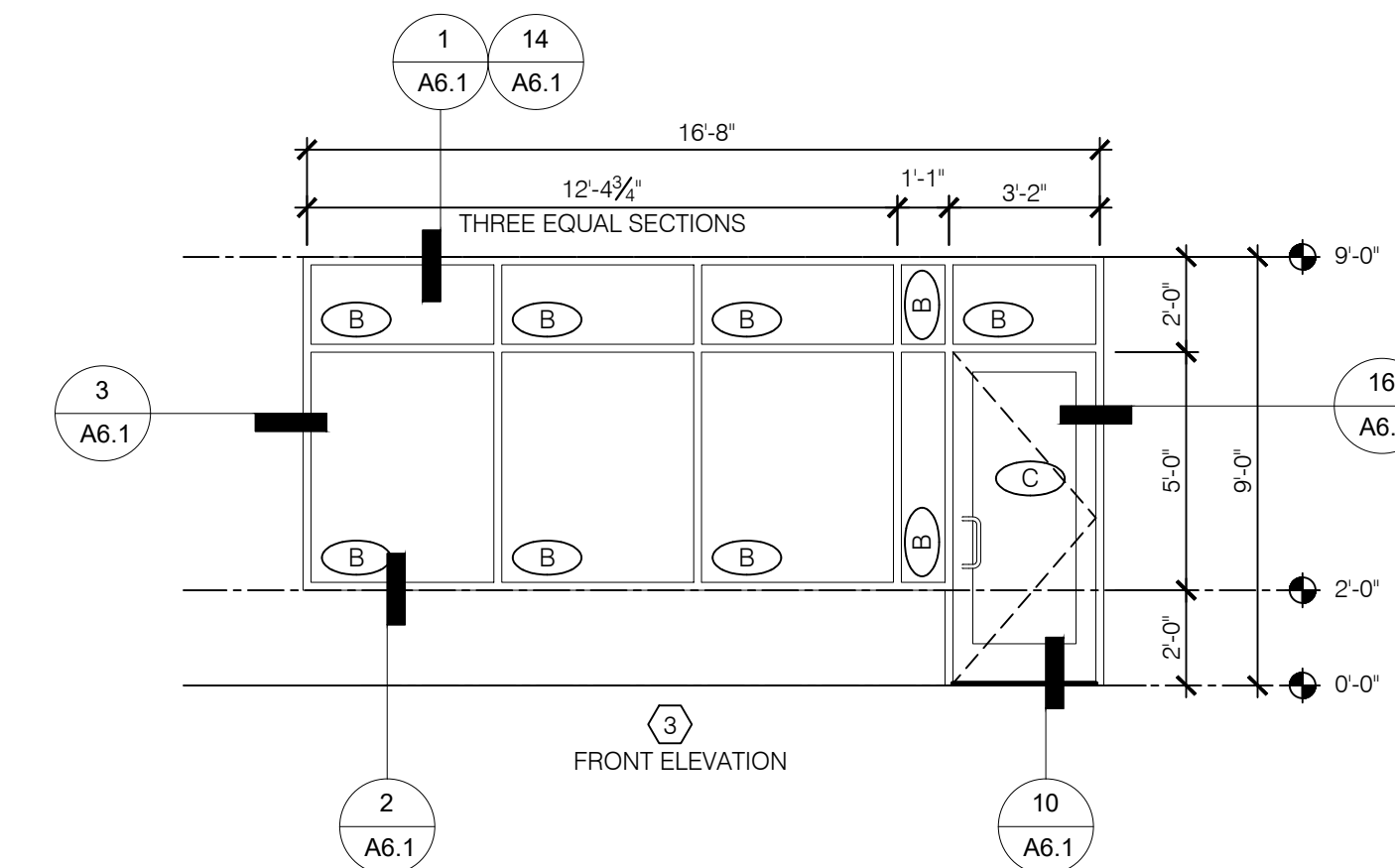
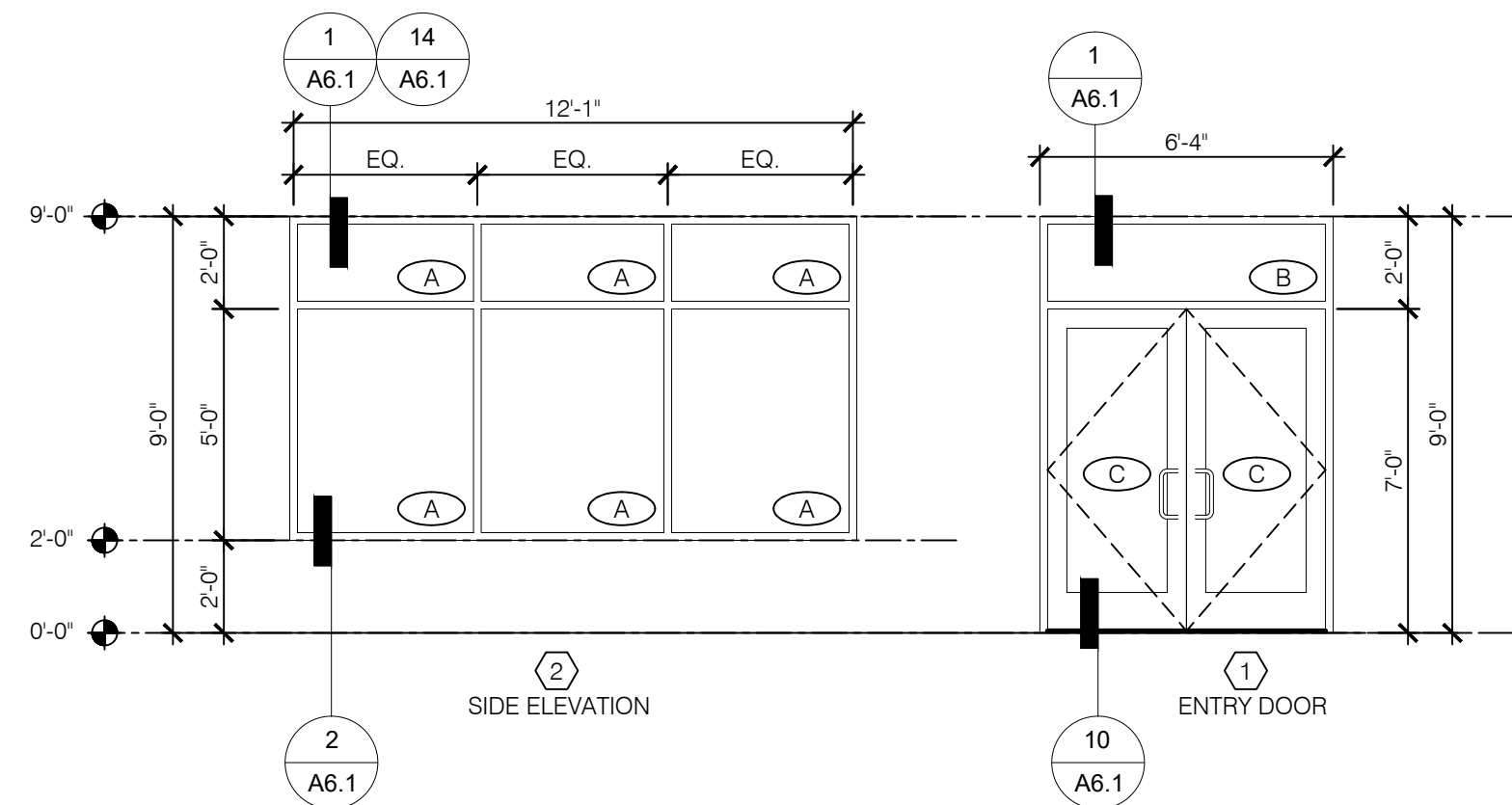
GLASS SCHEDULE	
(A) 1" INSULATED GLASS	(D) SAFETY GLASS BY MFR.
(B) 1" INSULATED TEMPERED GLASS	
(C) 1/4" TEMPERED GLASS	

NOTE:
SHADING COEFFICIENT SPECIFICATION PER LOCAL CODE REQUIREMENTS. DAYTIME VISIBILITY INTO DINING ROOM SHALL BE MAINTAINED.

****ALL STOREFRONT GLAZING SHALL BE LOW 'E' SOLAR GLASS****

NOTES 4

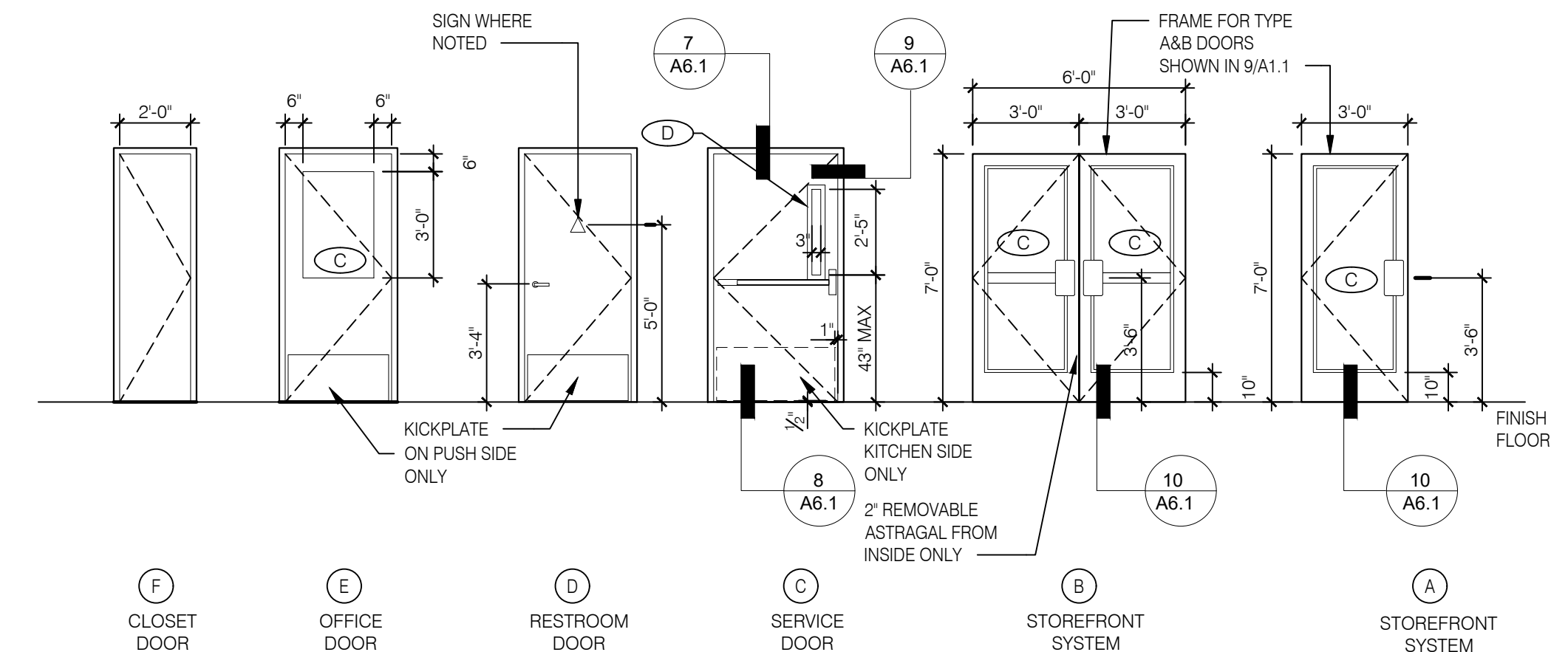
DOOR SCHEDULE NOTES 1



WINDOW TYPES 1/4" = 1'-0" 9

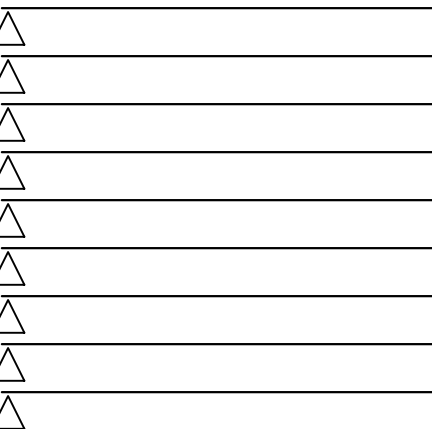
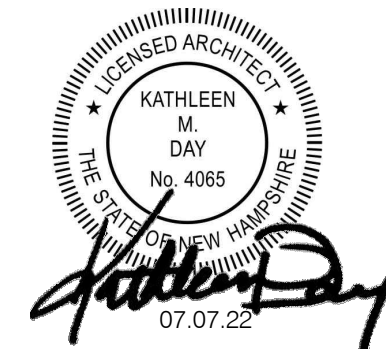
DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	DOOR	FRAME	BUTTS				LOCKS						CLOSERS			KICK PLATE			THRESHOLD				DOOR STOP			MISCELLANEOUS	DETAIL LOCATIONS			DOOR NOTES	
		WIDTH	HEIGHT	THICK				1	2	3	4	1	2	3	4	5	6	7	1	2	3	1	2	3	1	2	3	4	5	6		HEAD	JAMB	SILL		
1	DINING	3'-0"	7'-0"	1 3/4"	A	AL	AL															X													8, 10, 13, 16, 17	
2	DINING	6'-0"	7'-0"	1 3/4"	B	AL	AL	X														X												10/A6.1	8, 10, 13, 16, 17	
3	WASHING	3'-6"	7'-0"	1 3/4"	C	HM	HM		X			X	X		X	X	X	X				X											7/A6.1	9/A6.1	8/A6.1	6, 7, 10, 14, 18, 19
4	MEN	3'-0"	7'-0"	1 3/4"	D	WD	HM	X																		X								6/A6.4	6/A6.4	6, 9, 10, 11, 12, 14
5	WOMEN	3'-0"	7'-0"	1 3/4"	D	WD	HM	X																		X								6/A6.4	6/A6.4	6, 9, 10, 11, 12, 14
6	OFFICE	3'-0"	7'-0"	1 3/4"	E	WD	HM	X				X																						6/A6.4	6/A6.4	9 OPTIONAL
7	PASSAGE	2'-0"	7'-0"	1 3/4"	F	WD	HM															X												19		

DOOR SCHEDULE 2



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING OR OUTSIDE ROOM.

DOOR TYPES 1/4" = 1'-0" 3



CONTRACT DATE: 04.01.22
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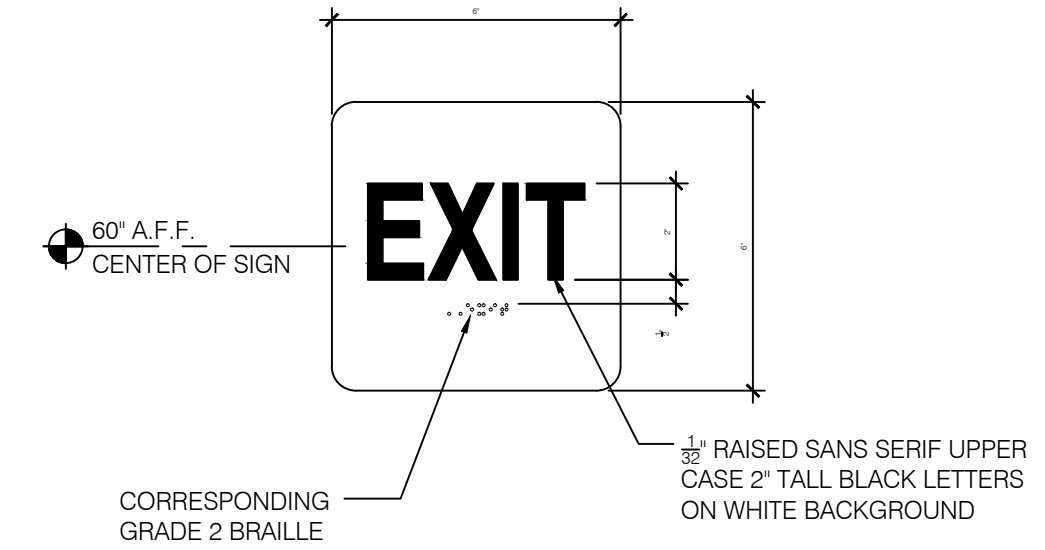
ENDEAVOR 2.0
 LARGE 50

DOOR & WINDOW ELEVATIONS AND SCHEDULES

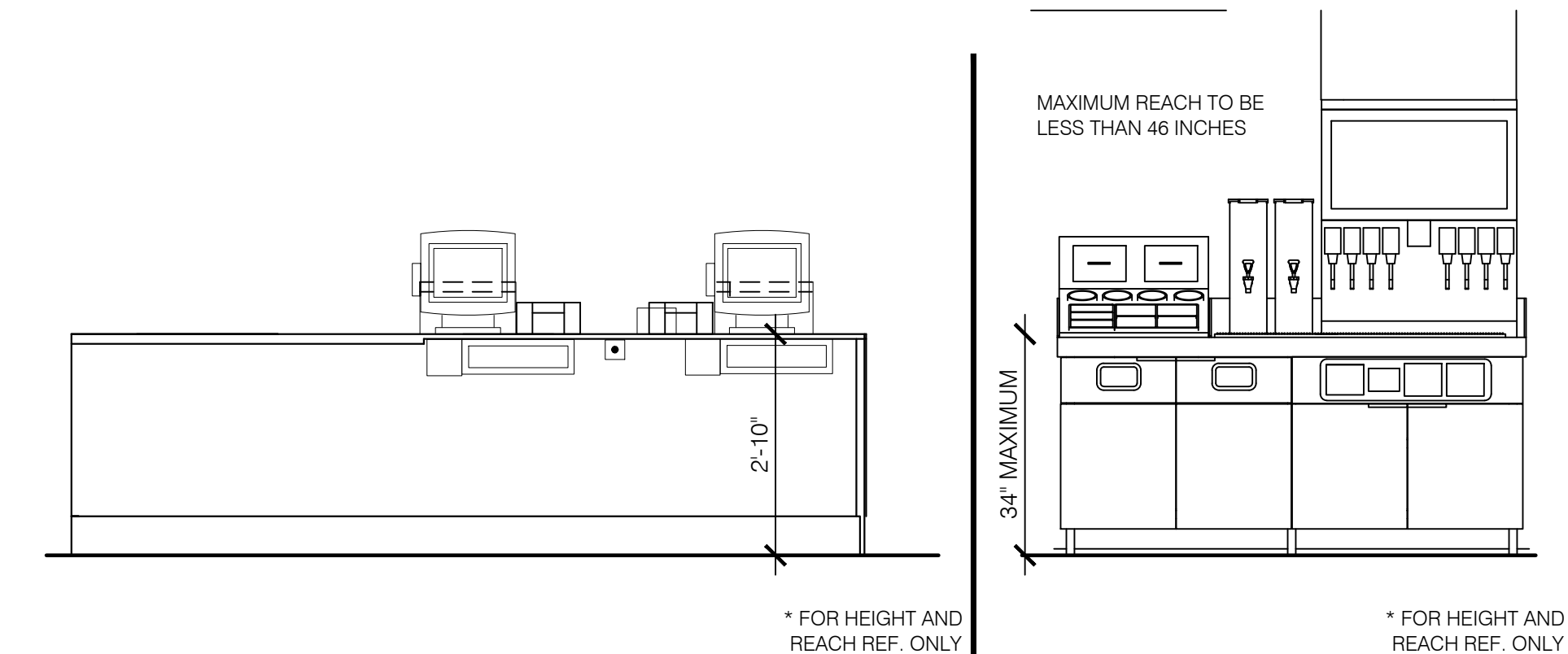
A1.1

PERMIT PLOT DATE:

- SIGNAGE SHALL BE INSTALLED ON LATCH SIDE OF DOOR OR, IF NO SPACE, ON THE NEAREST WALL. PREFERABLE TO THE RIGHT.
- SIGNAGE MUST BE LOCATED SO THAT A PERSON CAN APPROACH WITHIN 3' W/O OBSTRUCTION.
- SIGNAGE SHALL HAVE A NON-GLARE FINISH W/ A CONTRASTING BACKGROUND
- SIGNAGE SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3.5 AND 1:1.
- CHARACTER STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1.5 AND 1:10.
- SIGNAGE SHALL CONTAIN GRADE 2 BRAILLE W/ DOTS $\frac{11}{32}$ " O.C. AND $\frac{5}{16}$ " SPACE BETWEEN CELLS RAISED $\frac{3}{16}$ ".

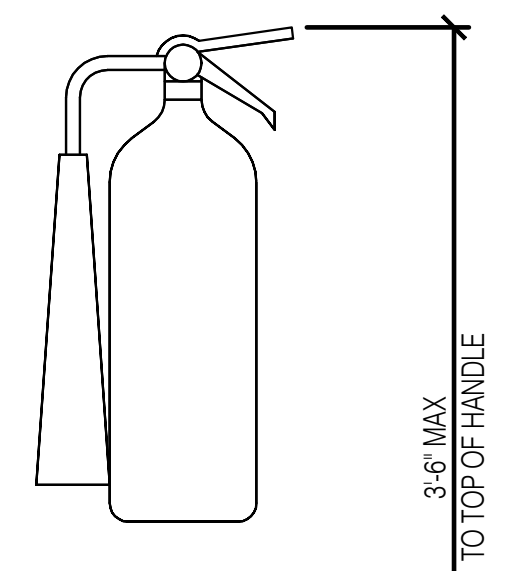


TACTILE EXIT SIGNAGE **F**

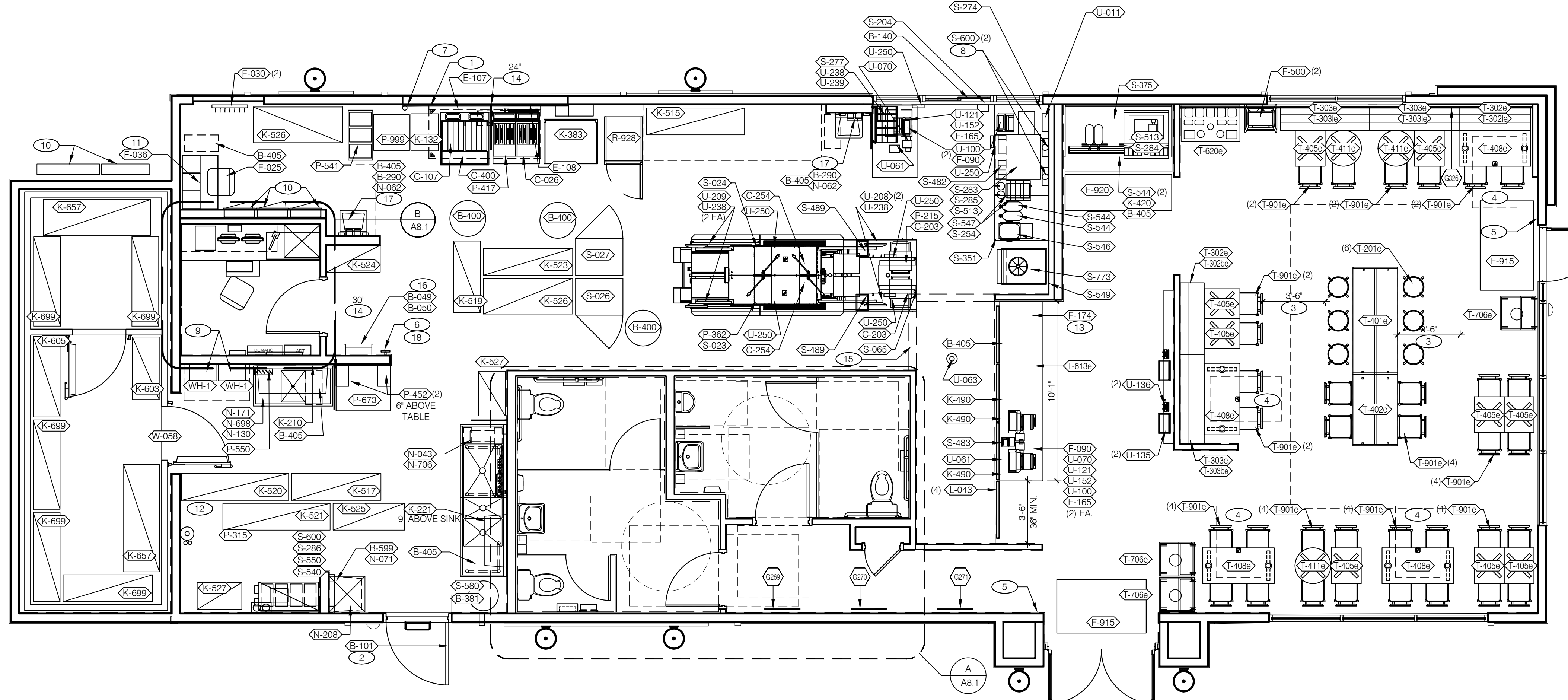


SERVICE (POS) COUNTER **H** **BEVERAGE COUNTER** **I**

- NOTE:
- FIRE EXTINGUISHERS MUST HAVE A MINIMUM OF '2A10BC' RATING AND CLASS K SHALL BE WITHIN A 30'-0" TRAVEL DISTANCE OF ALL COOKING SURFACES PER NFPA 10, SEC. 5.7 2002 ED.
 - FINAL LOCATION & QUANTITY OF FIRE EXTINGUISHERS SHALL BE AS DIRECTED BY FIRE MARSHAL.
 - INSTALL NEW TYPE 'K' WALL MOUNTED FIRE EXTINGUISHER. PROTRUSION INTO PATH OF CIRCULATION 4" MAX.
 - INSTALL NEW WALL MOUNTED FIRE EXTINGUISHER (MIN. - TYPE 2A.40BC.) PROTRUSION INTO PATH OF CIRCULATION 4" MAX.



FIRE EXTINGUISHER MTG. **G**



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

TAG	QTY	ITEM DESCRIPTION
T-201e	10	BARREL BARSTOOL - 29 PURPLE WOOD SEAT
T-302e	2	BENCH SEAT - 48"
T-302be	1	WALL MOUNTED BACK REST FOR T-302e- 48"
T-302le	1	BENCH BACK REST FOR T-302e- 48"
T-303e	3	BENCH SEAT - 60"
T-303be	1	WALL MOUNTED BACK REST FOR T-303e - 60"
T-303le	2	BENCH BACK REST FOR T-303e- 60"
T-401e	1	HUB TABLE - - HIGH TOP
T-402e	1	HUB TABLE - 48" - ADA
T-405e	9	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP
T-408e	4	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-411e	3	SS TABLE - 24 DIA X 30 - 2 TOP
T-613e	1	POS COUNTER 121 - 3 POS

SEATING PACKAGE - BY SEATING VENDOR U.O.N. (TOTAL SEATS = 54) **E**

TAG	QTY	ITEM DESCRIPTION
T-620e	1	CONDIMENT COUNTER - RECTANGLE
T-706e	3	WASTE ENCLOSURE - SINGLE
T-801e	1	KIOSK HALF TOWER
T-901e	34	CHAIR - LAMINATE SEAT

QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
1	HYPNOTIZE ME BELL	D	M01	CUSTOM	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
- REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITIES.
 - (H) - SYMBOL DENOTES A HIGH TABLE OR DINING COUNTER WITH STOOLS.
 - (HC) - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

GENERAL NOTES **C1**

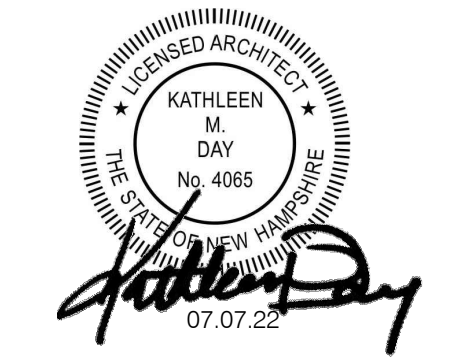
STORAGE TYPE	LINEAR FT.
DRY STORAGE	67
COLD STORAGE	29
FROZEN STORAGE	16

SHELVING QUANTITIES REQUIRED **C2**

- HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
- SEE SHEET A1.1 FOR SECURITY DOOR PACKAGE.
- MAINTAIN 42" MIN CLEAR AISLE EGRESS PATHS TO EXIT DOORS.
- 30" x 48" CLEAR FLOOR SPACE FOR HANDICAP ACCESS.
- TACTILE EXIT SIGN MOUNTED 60" A.F.F. TO CENTER LINE - SEE DETAIL F/A2.0
- PULL STATION @ 3'-8" A.F.F.
- GAS LINE DOWN TO EQUIPMENT.
- COORDINATE LOCATION OF HORIZ PVC SYRUP CHASE THROUGH WALL TO COUNTER.
- TANKLESS WATER HEATERS - SEE PLUMBING.
- SWITCHGEAR / ELECTRIC PANELS.
- EMPLOYEE WORK STATION. SEE DETAIL B/A8.3.
- 8' LADDER.
- BRINKS SAFE - SEE 10/A6.3.
- SPLASH GUARD. SEE DETAIL 9/A6.3.
- ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
- ROOF LADDER. SEE ELEVATION D/A8.3.
- SOAP / HAND SANITIZER DISPENSERS - BY ECOLAB.
- PROVIDE NEW FIRE EXTINGUISHERS ON WALL MOUNTED BRACKETS - COORDINATE FINAL LOCATION WITH LOCAL AUTHORITY. A MINIMUM OF ONE TYPE K EXTINGUISHER SHALL BE PROVIDED. SEE DETAIL G.

KEYNOTES **B**

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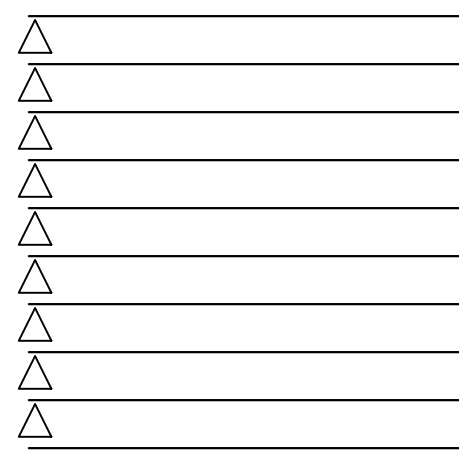
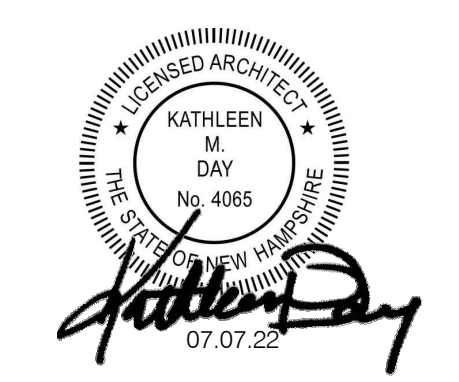
CONTRACT DATE: 04.01.22
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 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



EQUIPMENT AND SEATING PLAN
A2.0

PERMIT PLOT DATE:

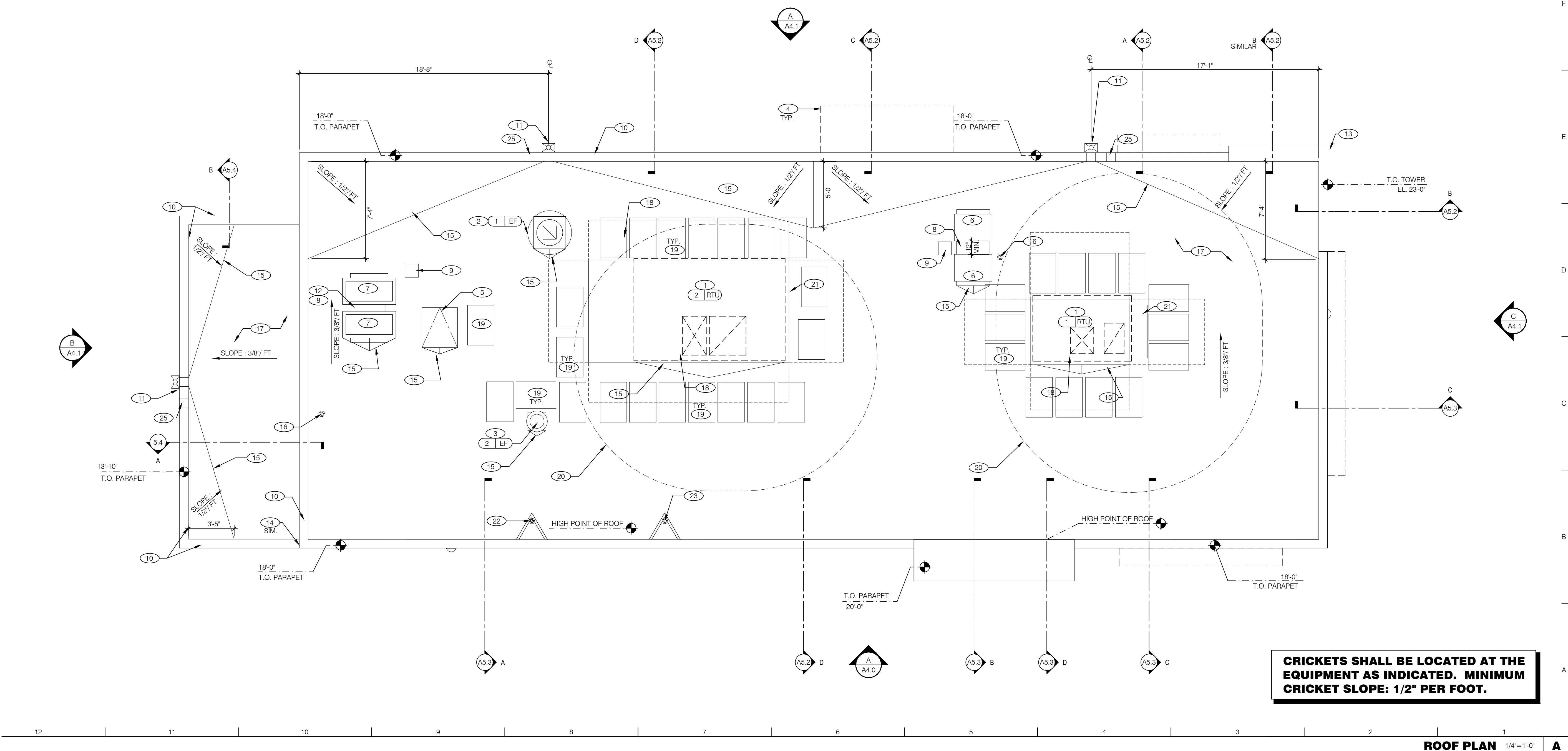


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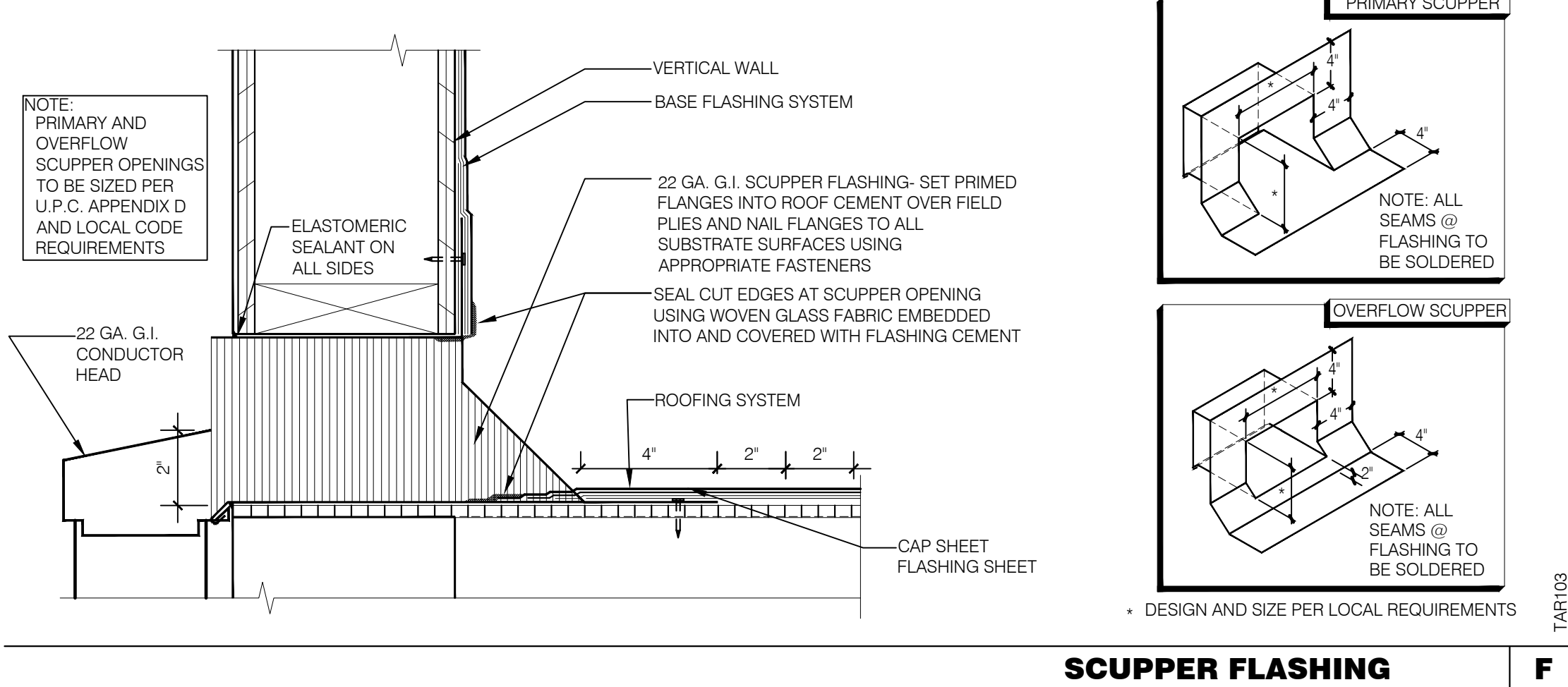


ROOF PLAN
A3.0
 PERMIT PLOT DATE:



CRICKETS SHALL BE LOCATED AT THE EQUIPMENT AS INDICATED. MINIMUM CRICKET SLOPE: 1/2" PER FOOT.

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

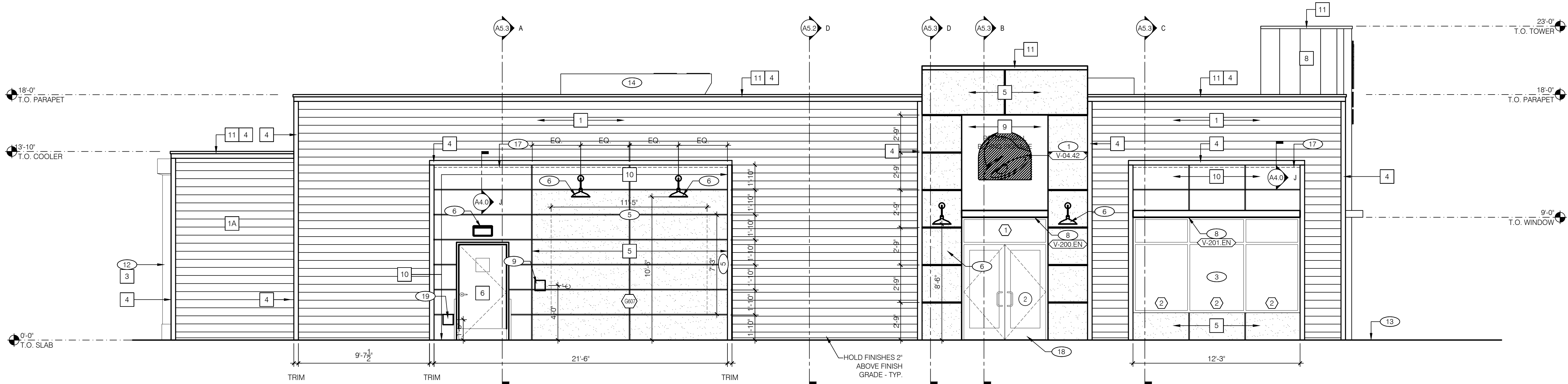


ROOF PLAN NOTES **E**

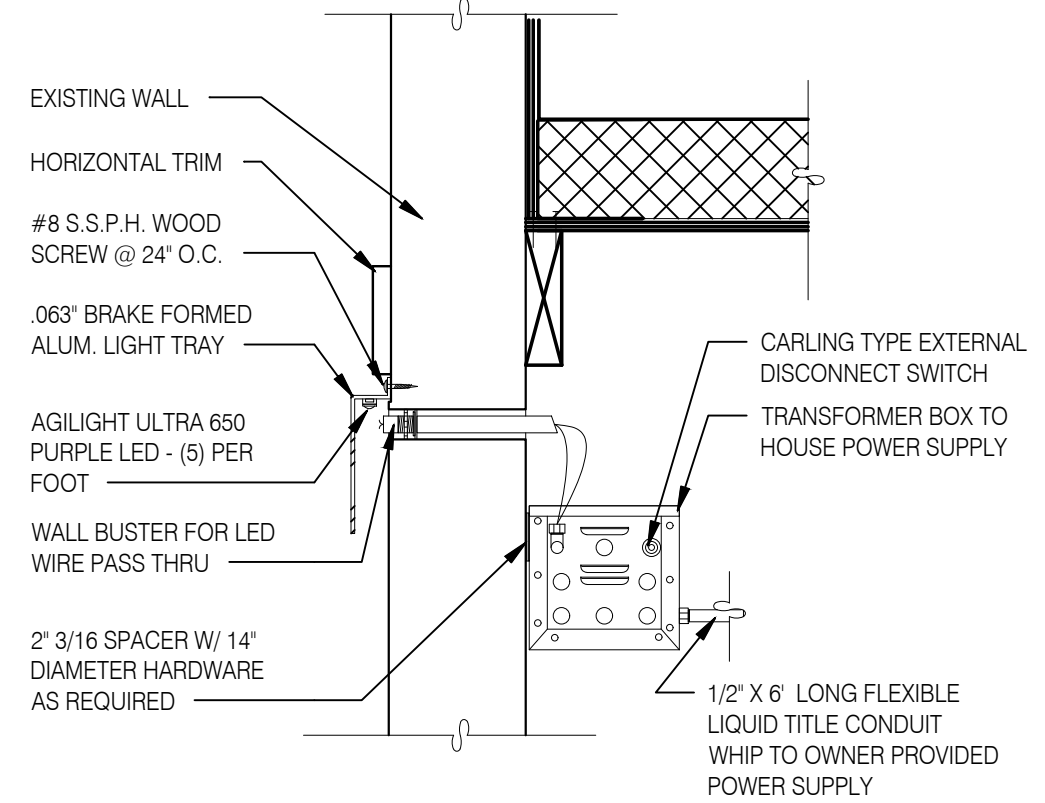
WATERPROOFING:
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER.
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
 D. SEE SPECIFICATIONS FOR SEALANT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

- KEY NOTES** **B**
- 1 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL.
 - 2 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 & DETAIL 19/A6.0.
 - 3 RESTROOM EXHAUST FAN. SEE 18/A6.0.
 - 4 CANOPY. SEE SCOPE OF WORK.
 - 5 ROOF HATCH: SEE 7/A6.0.
 - 6 ICE MACHINE CONDENSERS.
 - 7 WALK-IN COOLER / FREEZER CONDENSERS. SEE SCOPE OF WORK SHEET.
 - 8 EQUIPMENT PLATFORM. SEE DETAIL 15/A6.0.
 - 9 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.
 - 10 PAINTED METAL PARAPET CAP. SEE DETAIL 2 AND 5/A6.0.
 - 11 SCUPPER AND DOWNSPOUT. SEE DETAIL F.
 - 12 COORDINATE SIZE OF ROOF CURB AND NUMBER OF CONDENSING UNITS WITH WALK-IN COOLER/FREEZER MANUFACTURER.
 - 13 CARRY TOWER FRAMING UP TO PARAPET. SEE FLOOR PLAN SHEET A1.0.
 - 14 CHANGE IN PARAPET ELEVATION. SEE 13/A6.1.
 - 15 ROOF CRICKET. SEE DETAIL 16/A6.0.
 - 16 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. SEE 12/A6.0 FOR FLASHING ASSEMBLY.
 - 17 "DURO-LAST" SINGLE PLY ROOF MEMBRANE ON RIGID INSULATION OVER EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURERS SPECIFICATIONS.
 - 18 POWER / GAS / CONDENSATE ENTRY UNDER HVAC UNIT (PER HVAC MFR. SPECS.) REFER TO MECH. AND PLUMB DWGS. UTILITY ACCESS FROM WITHIN CURB - NO ROOF PENETRATIONS. DO NOT RUN ON ROOF SURFACE. SEE 13/P6.0.
 - 19 24x36 WALK MATS. SEE ROOF SPECS.
 - 20 MAINTAIN MFRS ROOFTOP UNIT MAINTENANCE CLEARANCE.
 - 21 OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES AND BUILDING EXHAUST.
 - 22 WATER HEATER INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
 - 23 WATER HEATER EXHAUST FLUE SHALL BE MIN. 6" HIGHER THAN INTAKE-MAINTAIN MIN. 10'-0" FROM NEAREST POINT OF RTU INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
 - 24 DUAL-REMOTE-CONDENSER--REFER ELECTRICAL AND PLUMBING.
 - 25 OVERFLOW SCUPPER. SEE DETAIL F/A3.0.



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



LED WALL WASHER DETAIL **J**

EXTERIOR SIGNAGE SCHEDULE			
TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-04.36	2	36" SWINGING BELL PURPLE LOGO	A4.1
V-09.16W	2	LARGE TB 16" CHANNEL LETTERS WHITE (2) STACKED (1) LINEAR	A4.1
SIDE ENTRY			
V-04.42	1	42" SWINGING BELL WHITE/BLACK LOGO - FACE LIT	A4.0
V-200.EN	1	SIDE ENTRY AWNING 6' 4" X 6' 3" BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" X 4' 0" BLACK	A4.1
REAR			
V-04.24	1	24" SWINGING BELL PURPLE LOGO	A4.1
V-09.12W	1	12" CHANNEL LETTERS WHITE	A4.1
EYEBROW AWNINGS			
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 9" X 6" H X 1' 4" D BLACK	A4.1
V-203.EN	1	DT EYEBROW (WINDOW) 7' 9" L X 6" H X 1' 4" D BLACK	A4.1
V-201.EN	1	SIDE ENTRY EYEBROW (WINDOW) 12' 3" L 6" H X 1' 4" D BLACK	A4.0

SIGNAGE / EXTERIOR ARTWORK **G**

MISCELLANEOUS
 A. SEE SHT 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 AT HEAD AND JAMB. DO NOT SEAL SILL @ WINDOWS.
 C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING & 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 **F**

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 **B**

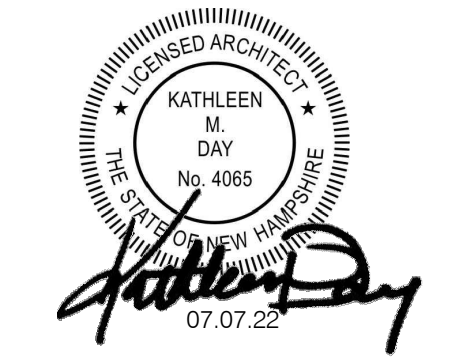
SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144"L X 8.25"W, 7" EXPOSURE COMES PRIMED FOR PAINT	WORLDLY GRAY (SW7043), SEMI-GLOSS	SEE C / A 7.2
1a	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144"L X 8.25"W, 7" EXPOSURE COMES PRIMED FOR PAINT	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
2	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
3	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
4	HARDIE TRIM	JAMES HARDIE	HARDIE TRIM 5/4 SMOOTH 1"x4.5"	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
5	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
6	HOLLOW METAL DOOR	-	-	SW PURPLE TB2603C, SEMI-GLOSS	
7	AWNINGS	SIGNAGE VENDOR	-	BLACK BY THE SIGNAGE VENDOR	
8	CORNER TOWER	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
9	RECESS OF SIDE ENTRY PORTAL	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
10	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	SW PURPLE TB2603C, SEMI-GLOSS	SEE C / A 7.2
11	METAL PARAPET CAP	-	24GA GALVANIZED	CYBERSPACE (SW7076) KYNAR 500 COATING	

EXTERIOR ARTWORK SCHEDULE				
EQ #	QTY.	ORDERING NUMBER	ITEM DESCRIPTION	REMARKS
G-607	1	G-607-B-M03-84x144	CAMO PATTERN PURPLE	CUSTOM SIZE
G-510	1	G-510-B-M02-48x96	CAMO PATTERN PURPLE	CUSTOM SIZE
G-511	1	G-511-B-M02-48x96	CAMO PATTERN PURPLE	CUSTOM SIZE

EXTERIOR FINISH / ARTWORK SCHEDULE **H**

- 1 BUILDING SIGN, BY VENDOR. SEE STRUCTURAL BLOCKING ELEVATIONS, SHEET S5.0 FOR MORE INFORMATION. SEE ELECTRICAL PLANS FOR POWER REQUIREMENTS.
- 2 DRIVE THRU WINDOW. SEE SHEET A1.0 AND A1.1.
- 3 STOREFRONT, TYPICAL.
- 4 SWITCH GEAR. PAINT TO MATCH WALL.
- 5 ART MURAL / ART PANELS - SEE SCHEDULE.
- 6 EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL.
- 7 ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.
- 8 METAL CANOPY BY SIGN VENDOR.
- 9 CO2 FILLER VALVE & COVER. SEE DETAIL 5/A6.2 SIM.
- 10 DRIVE-THRU CANOPY BY OTHERS.
- 11 GAS SERVICE - WALL SHALL BE FINISHED PRIOR TO INSTALLATION.
- 12 SCUPPER, COLLECTOR, AND VERTICAL DOWNSPOUT 6" MIN. PAINT PER SCHEDULE.
- 13 CONCRETE CURB.
- 14 RTU BEYOND.
- 15 OVERFLOW SCUPPER, SEE ROOF PLAN.
- 16 BOLLARD.
- 17 PURPLE LLIGHT WALL WASHER - PROVIDED BY SIGNAGE VENDOR. SEE J/A4.0
- 18 STOREFRONT DOOR. REFER TO DOOR SCHEDULE.
- 19 HOSE BIBB LOCATION. REFER TO PLUMBING AND DETAIL 8/A6.2

KEY NOTES **D**



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

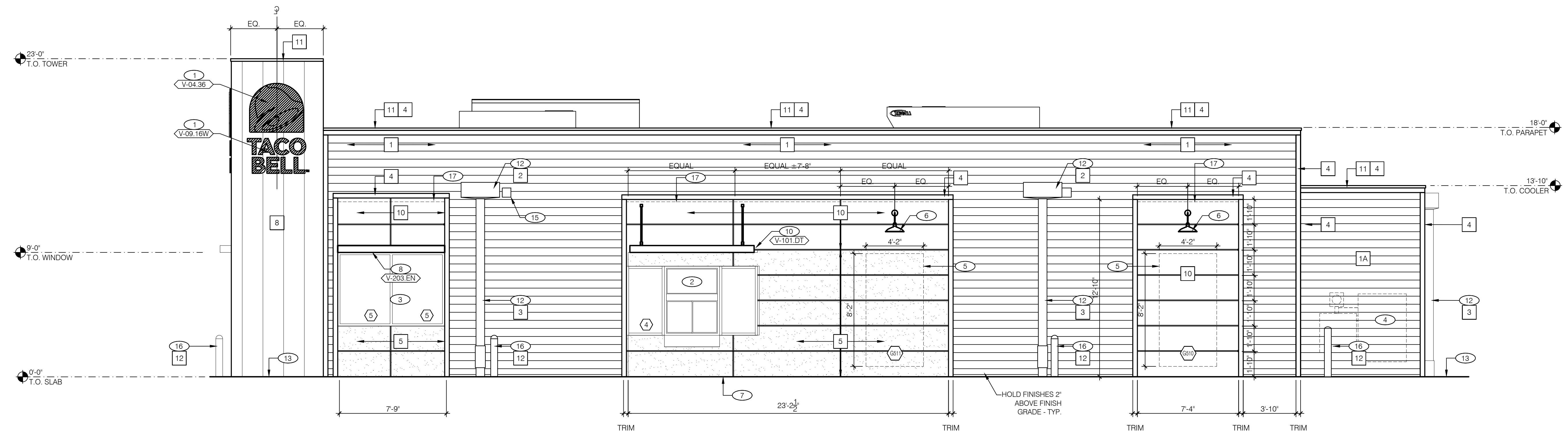
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



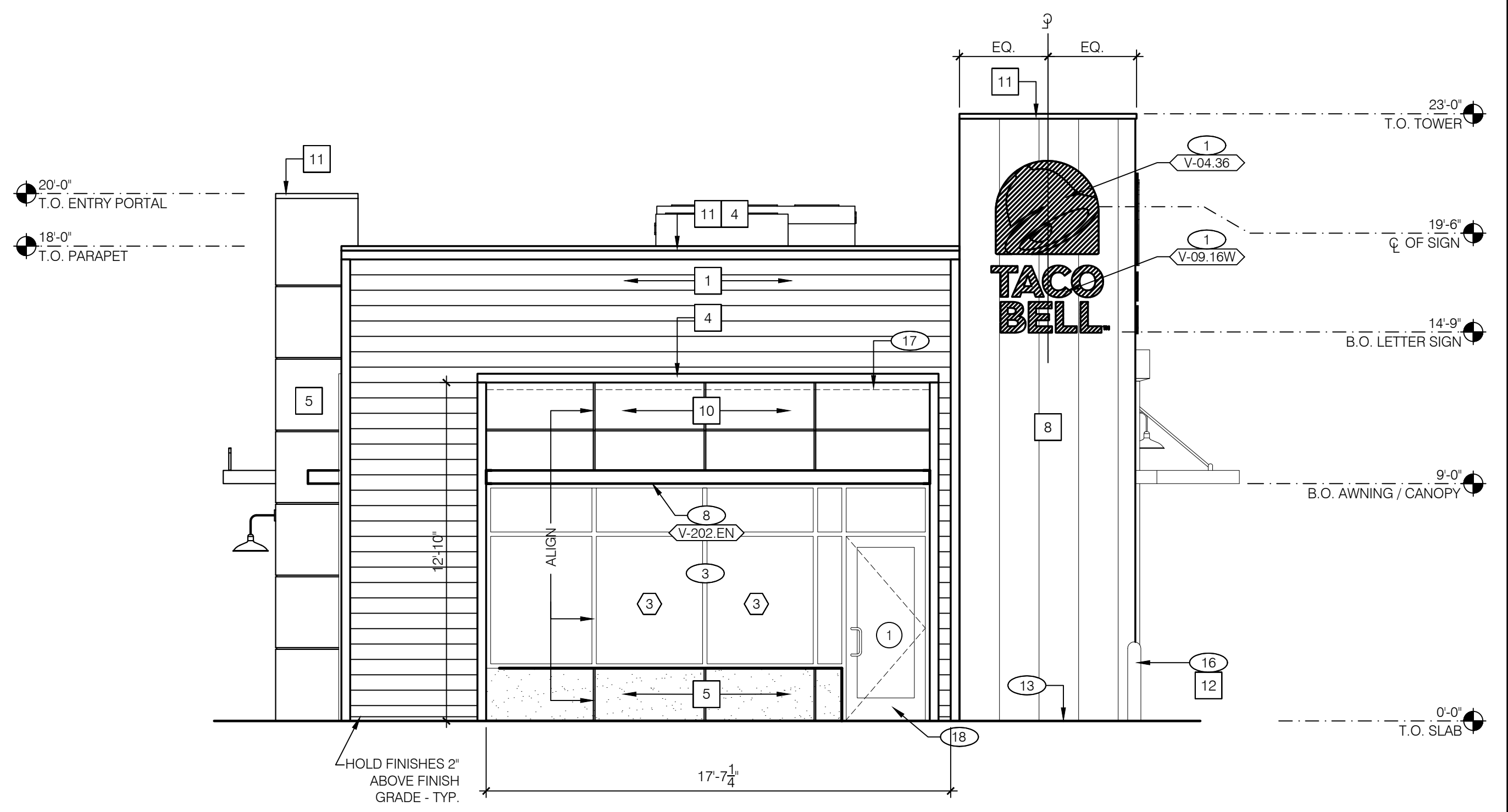
EXTERIOR ELEVATIONS

A4.0

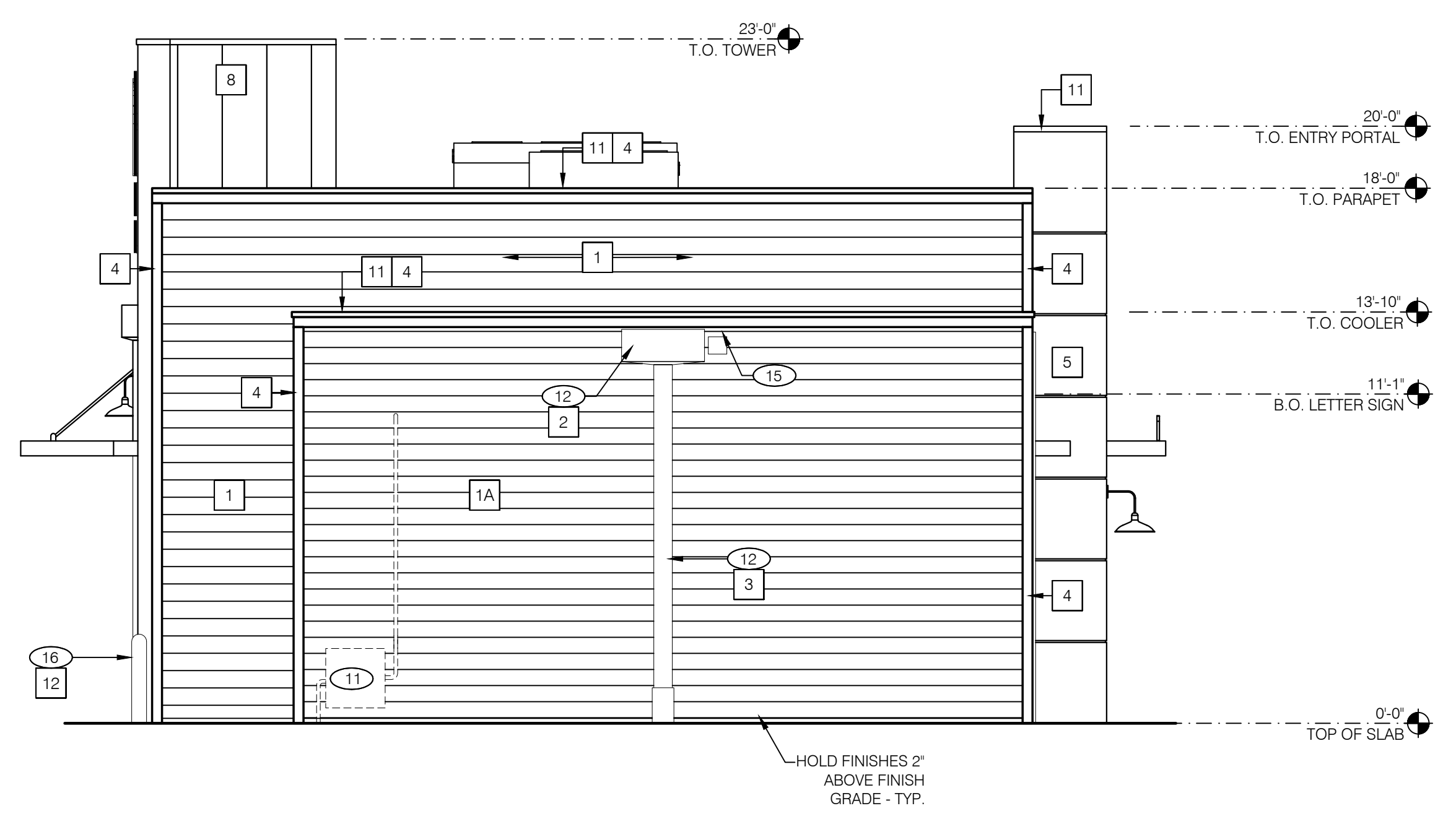
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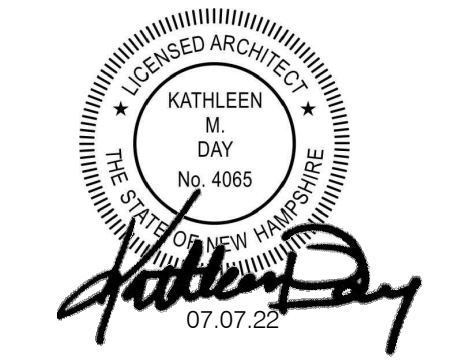
DRIVE THRU ELEVATION 1/4" = 1'-0" **A**



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



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



- △
- △
- △
- △
- △
- △
- △
- △
- △
- △

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

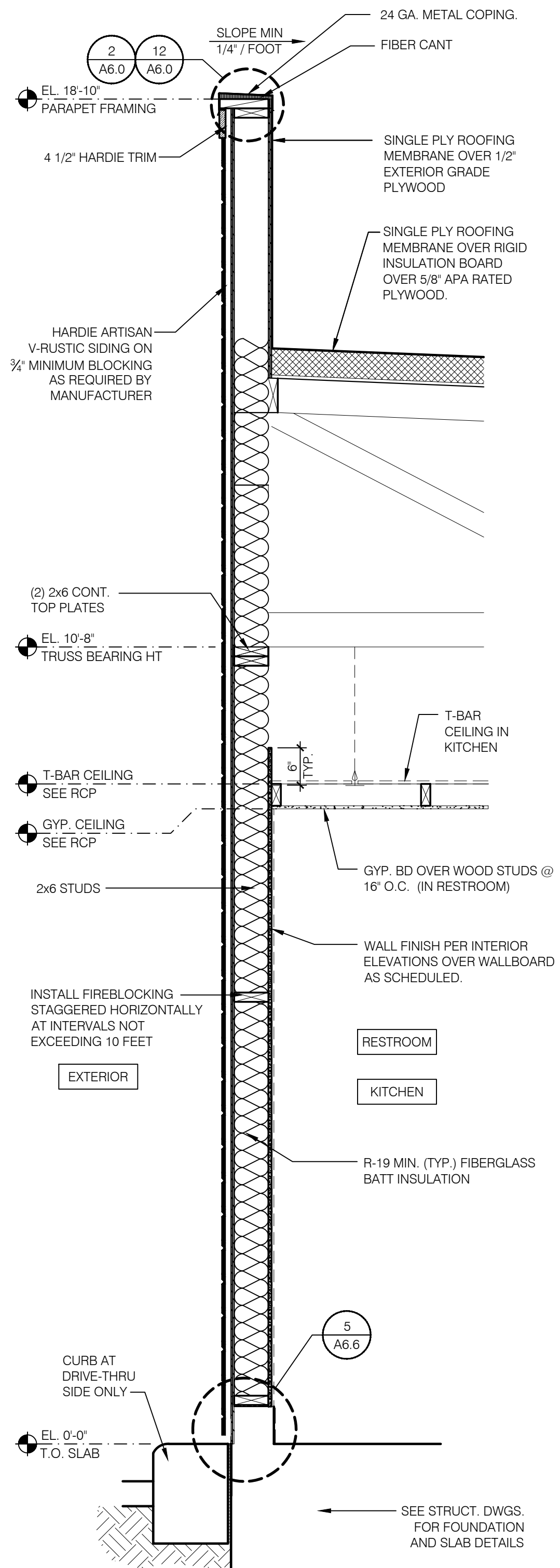
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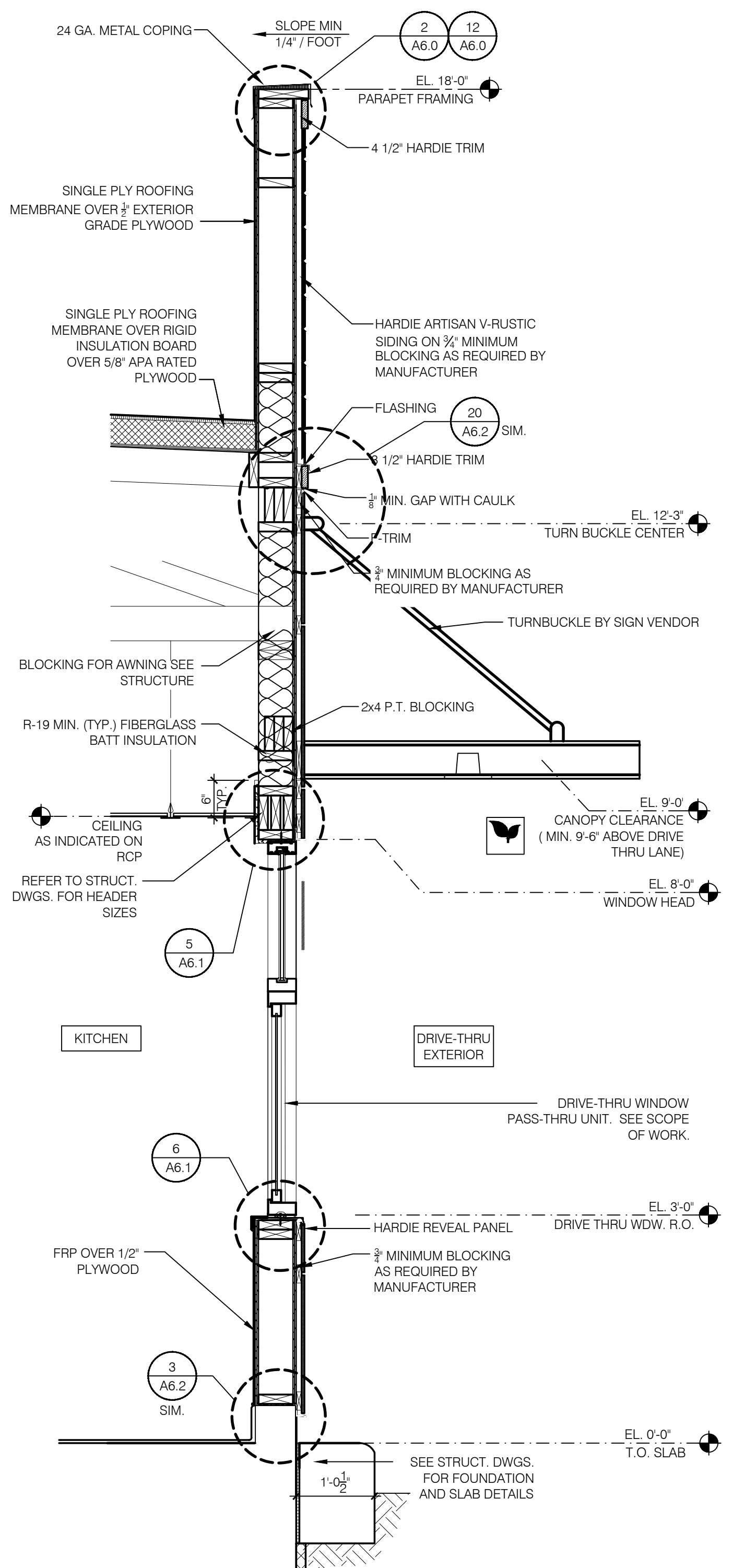
EXTERIOR ELEVATIONS

A4.1

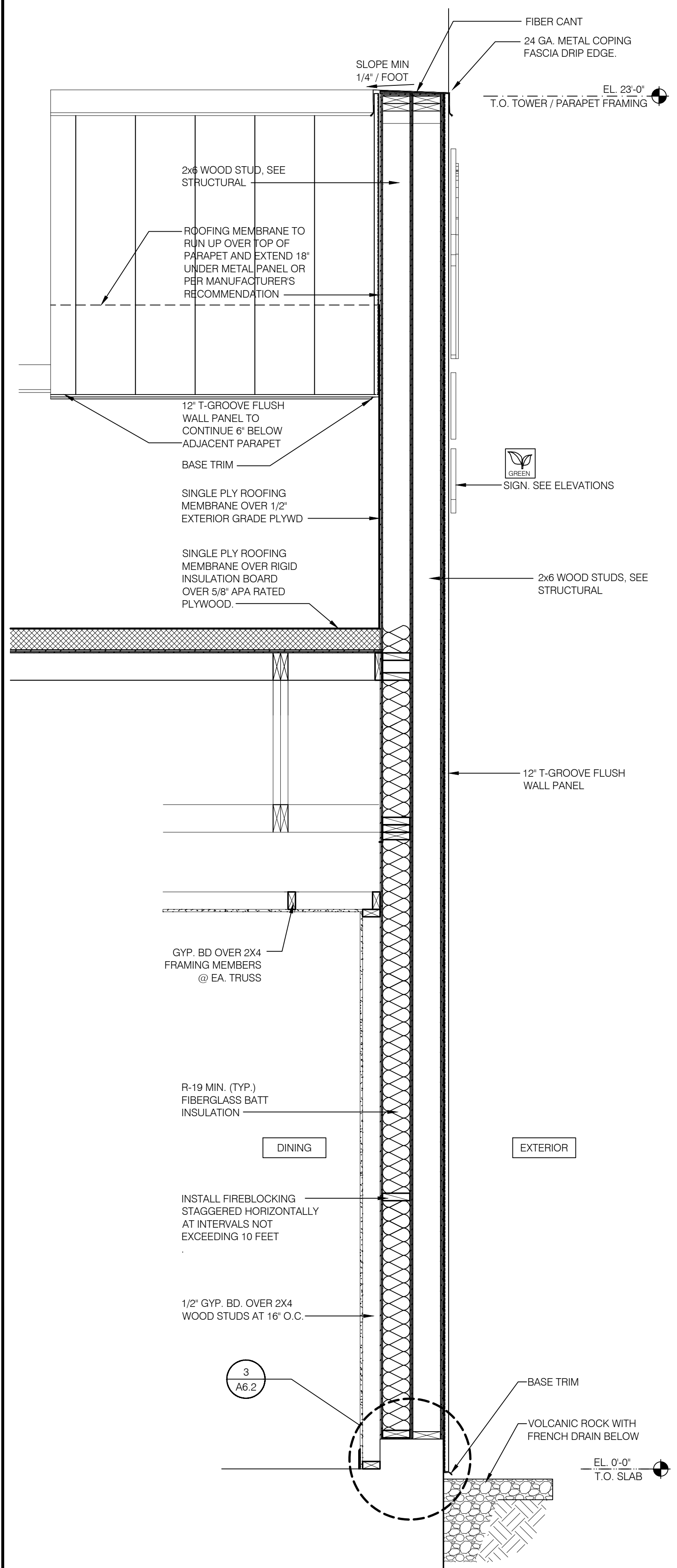
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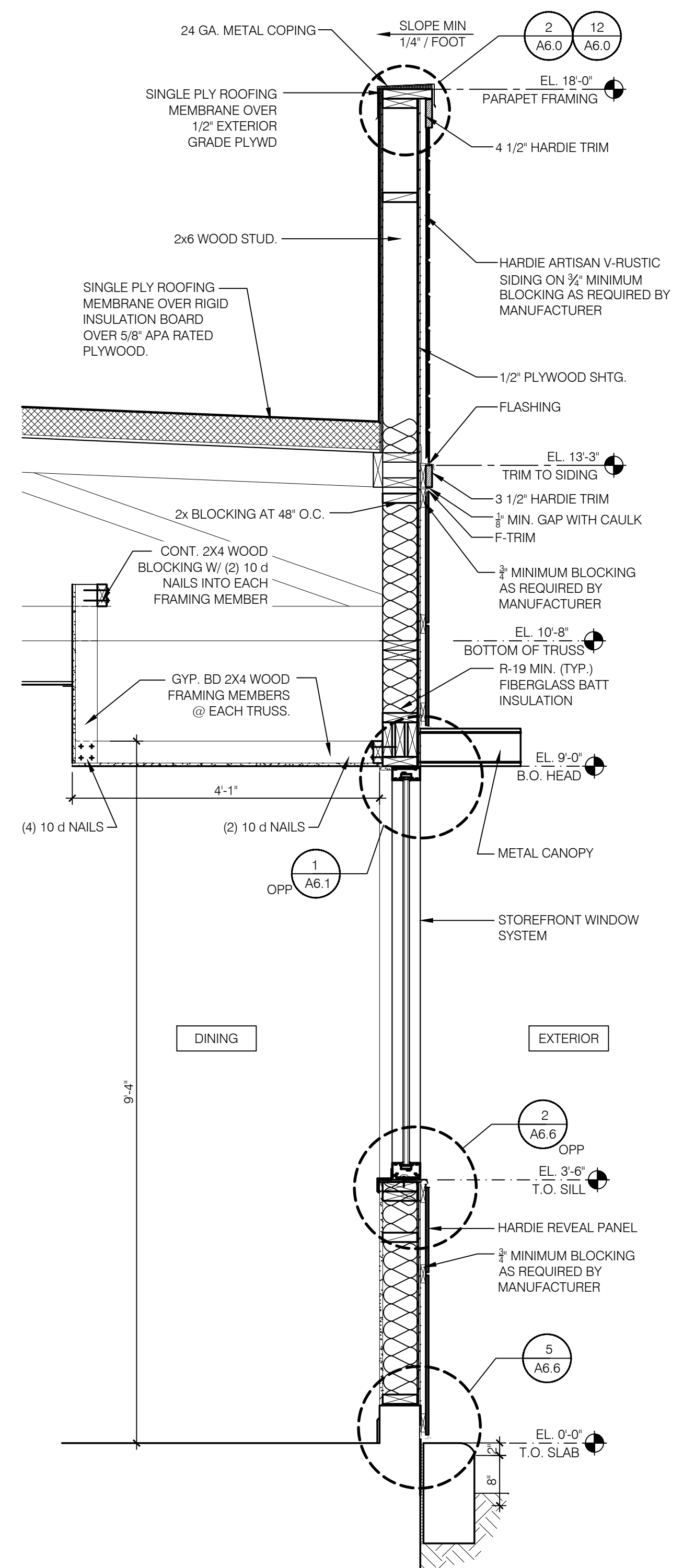
TYPICAL WALL SECTION 3/4" = 1'-0" D



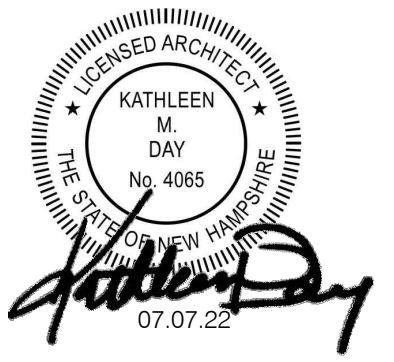
WALL SECTION AT DRIVE THRU 3/4" = 1'-0" C



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



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

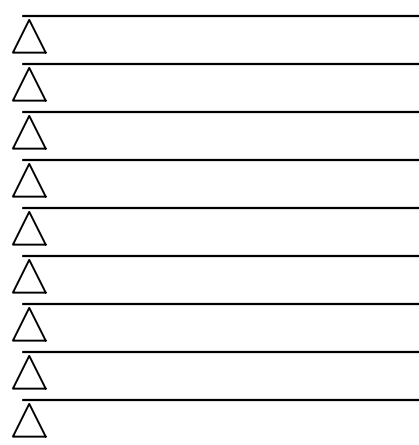
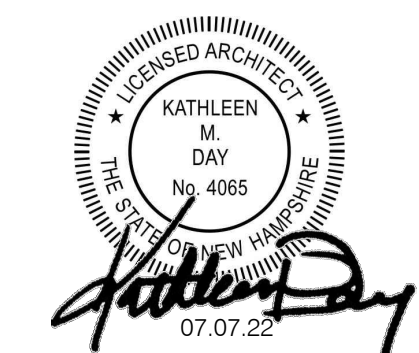
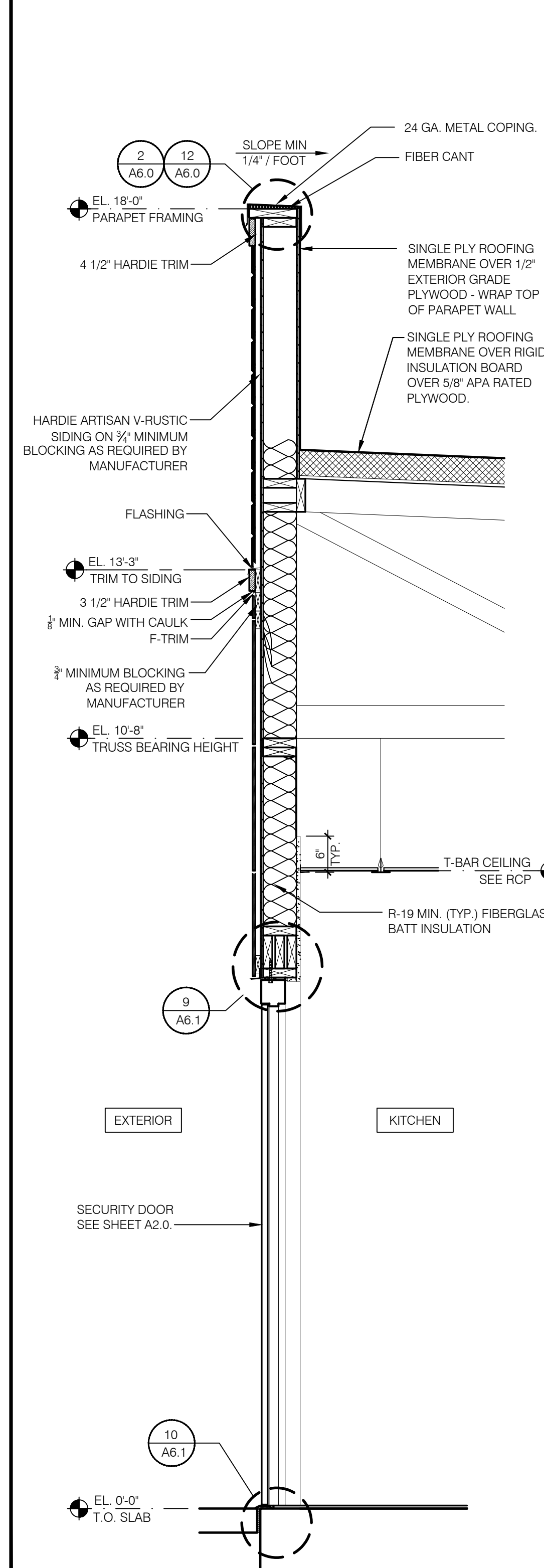
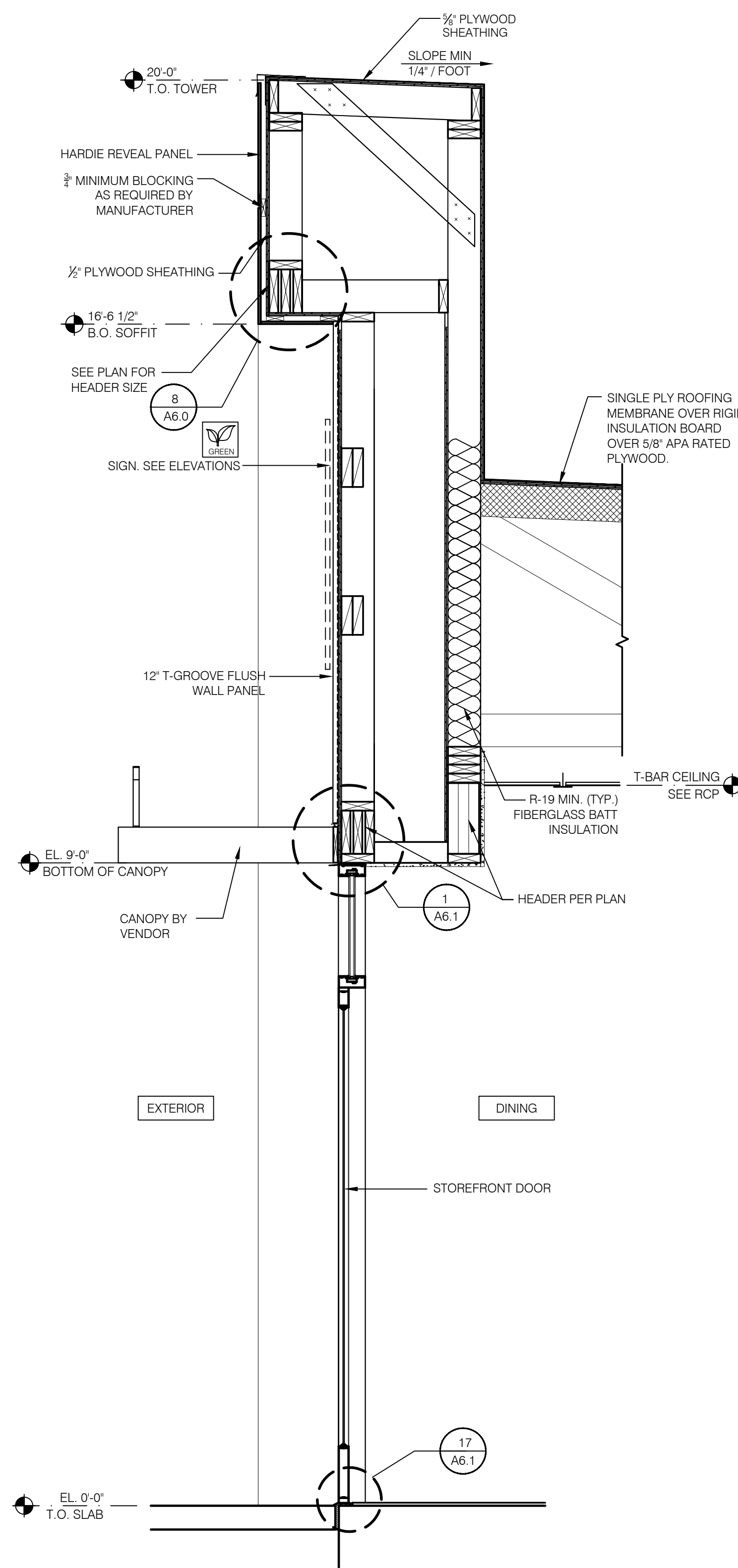
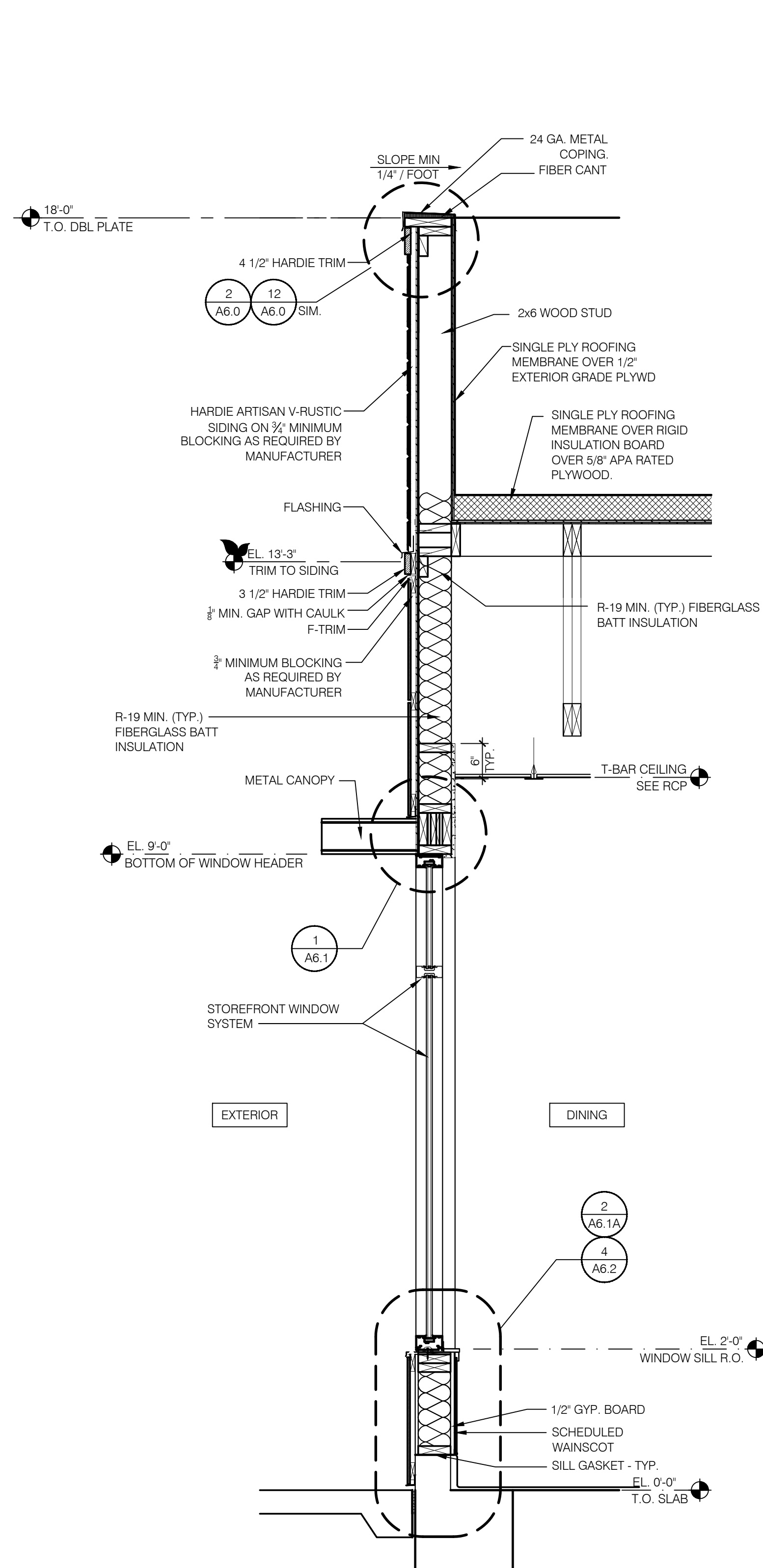


CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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WALL SECTIONS
A5.2
 PERMIT PLOT DATE:

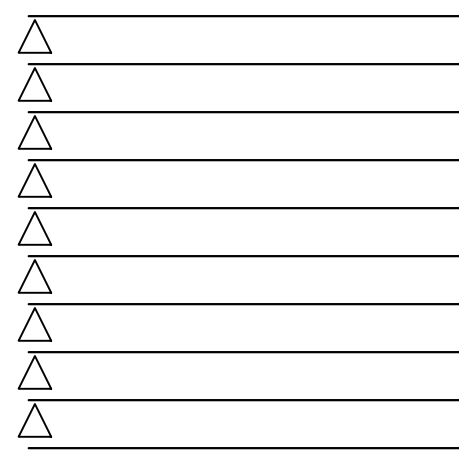
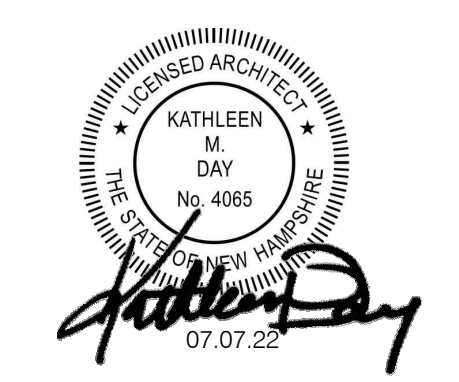


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 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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WALL SECTIONS
A5.3
 PERMIT PLOT DATE:

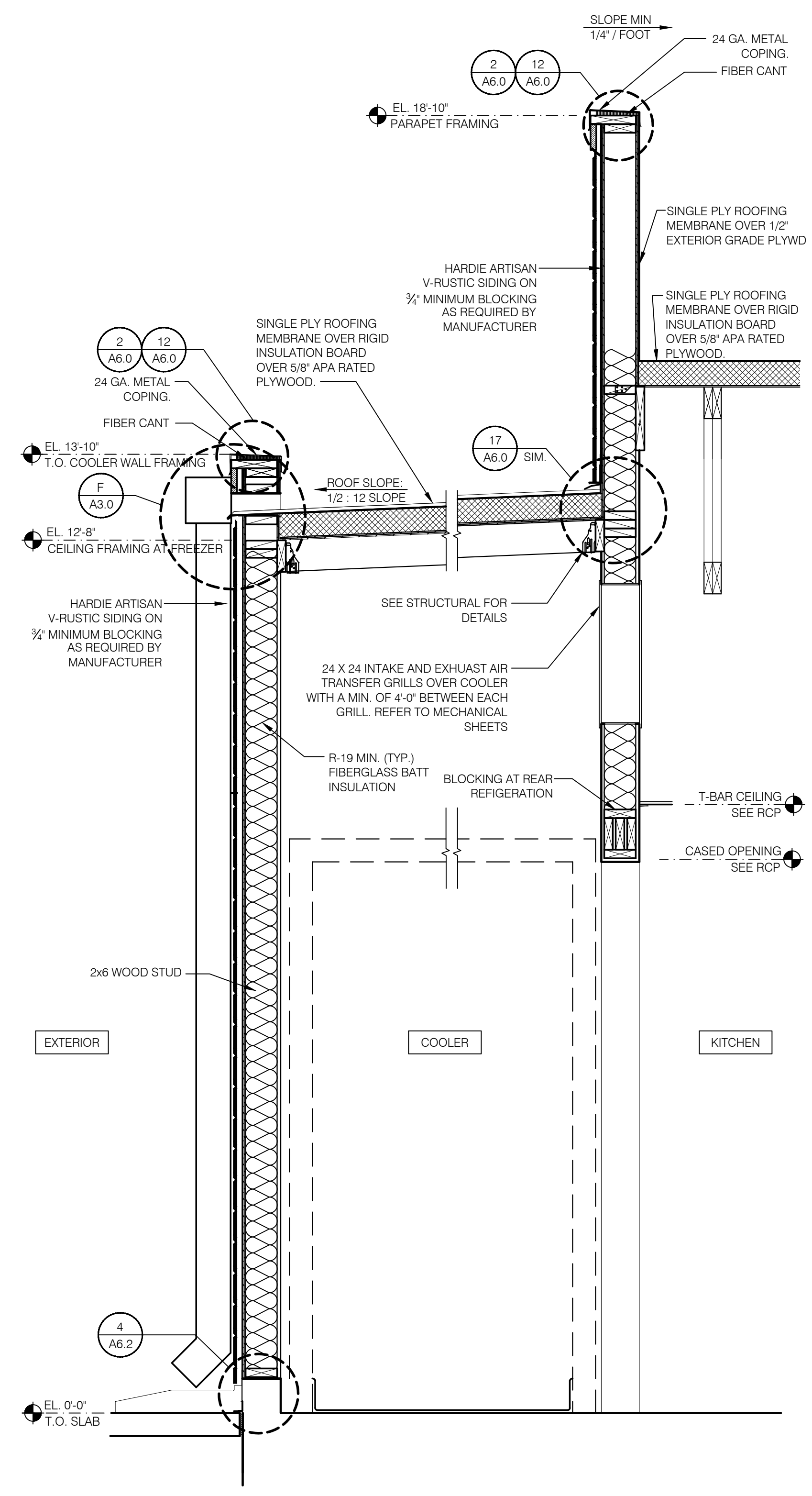


CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

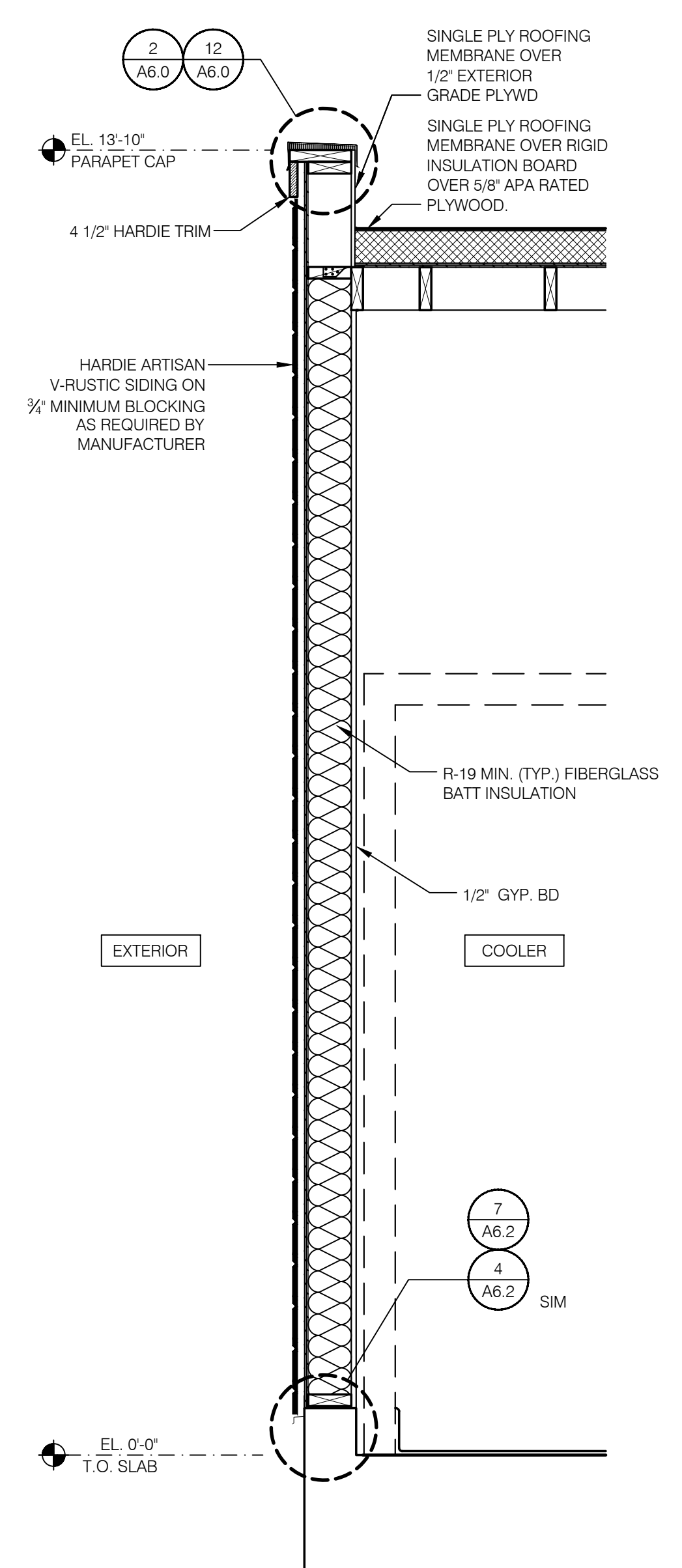
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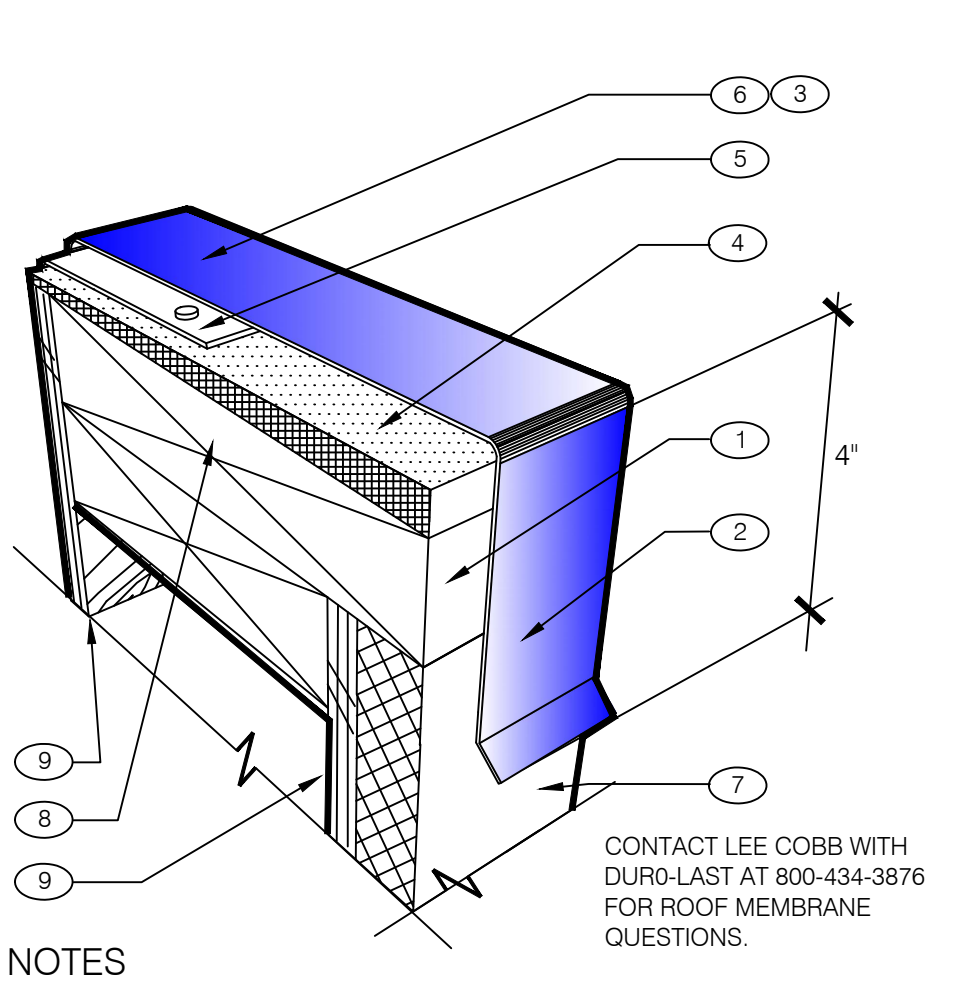
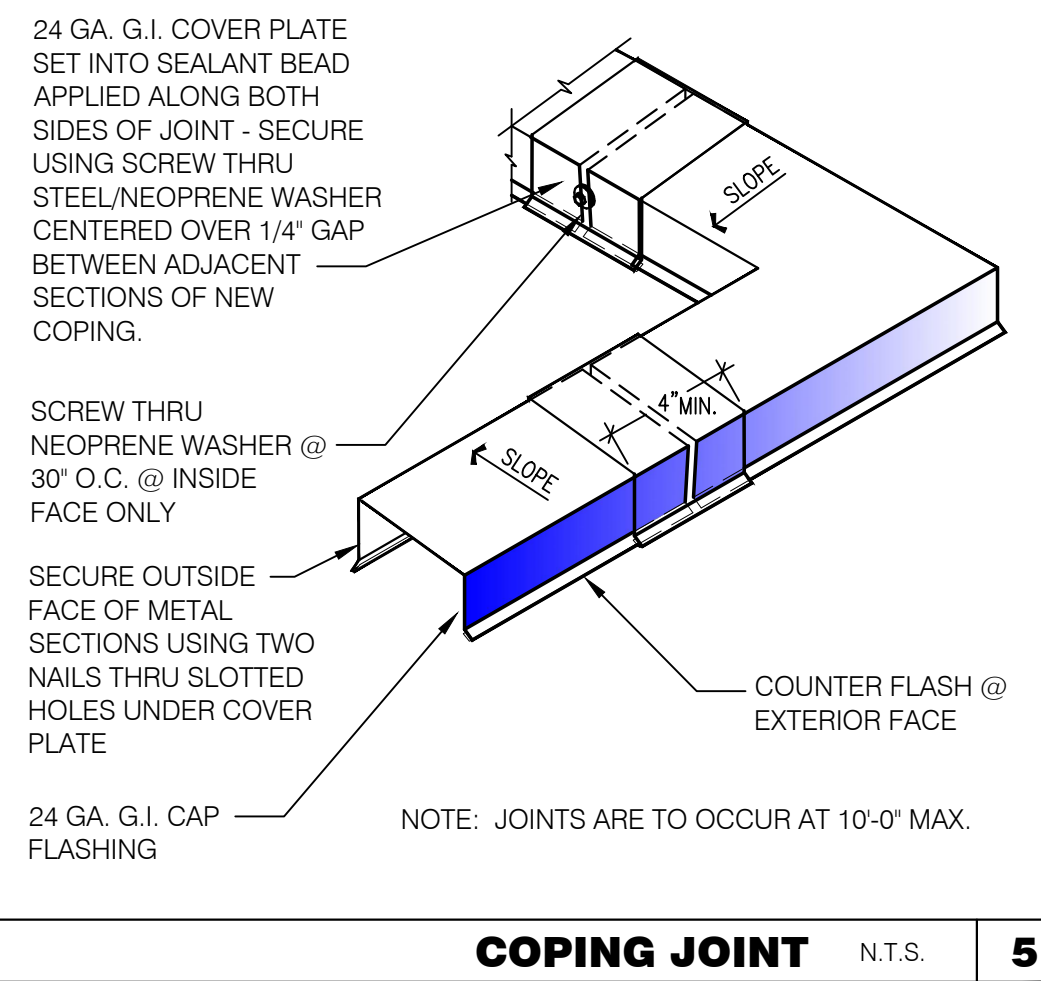
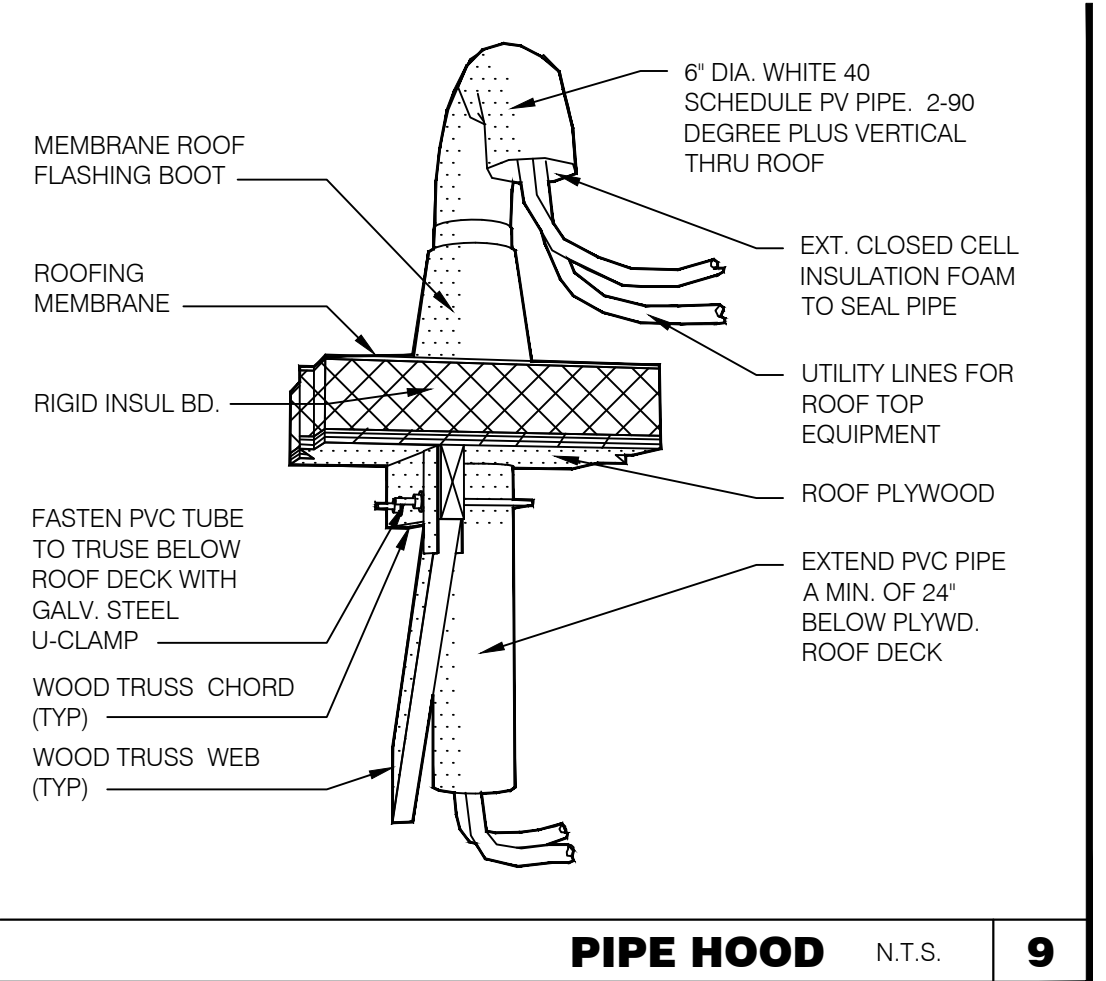
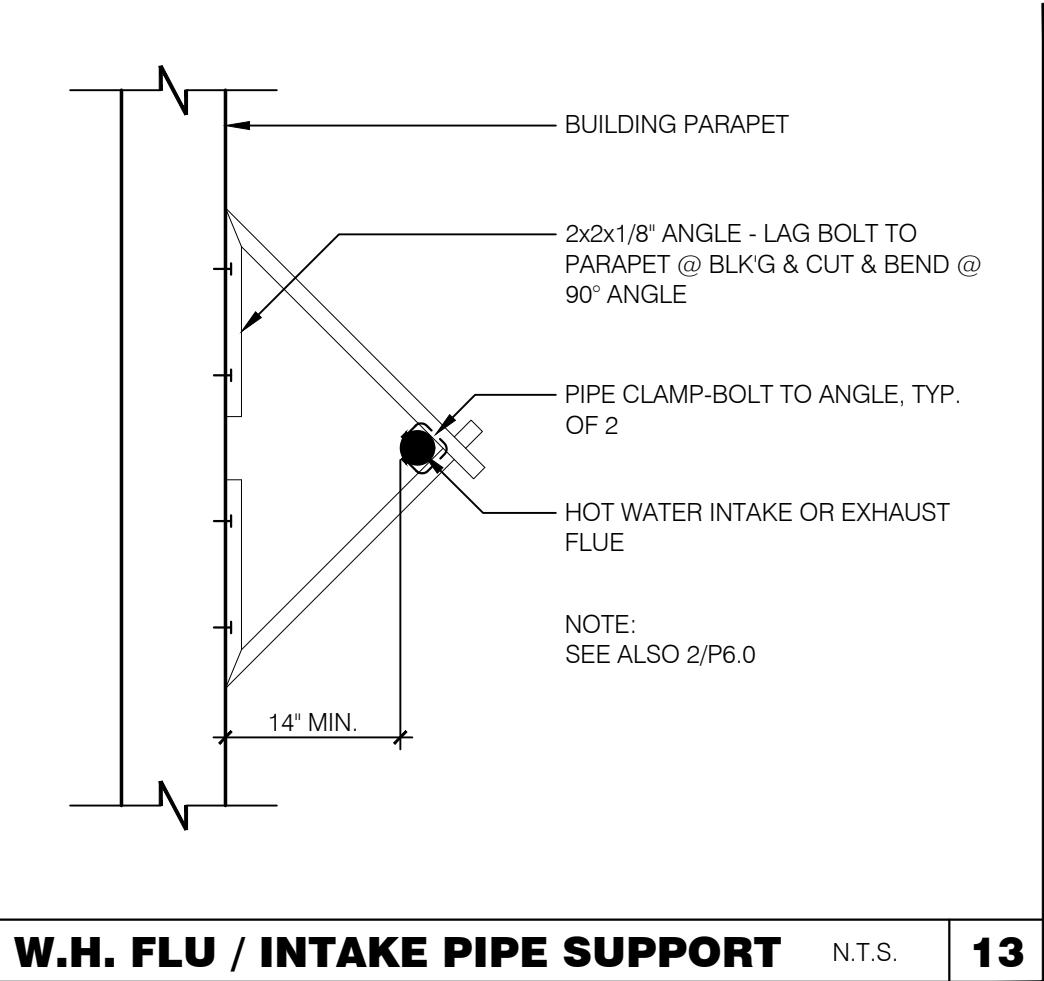
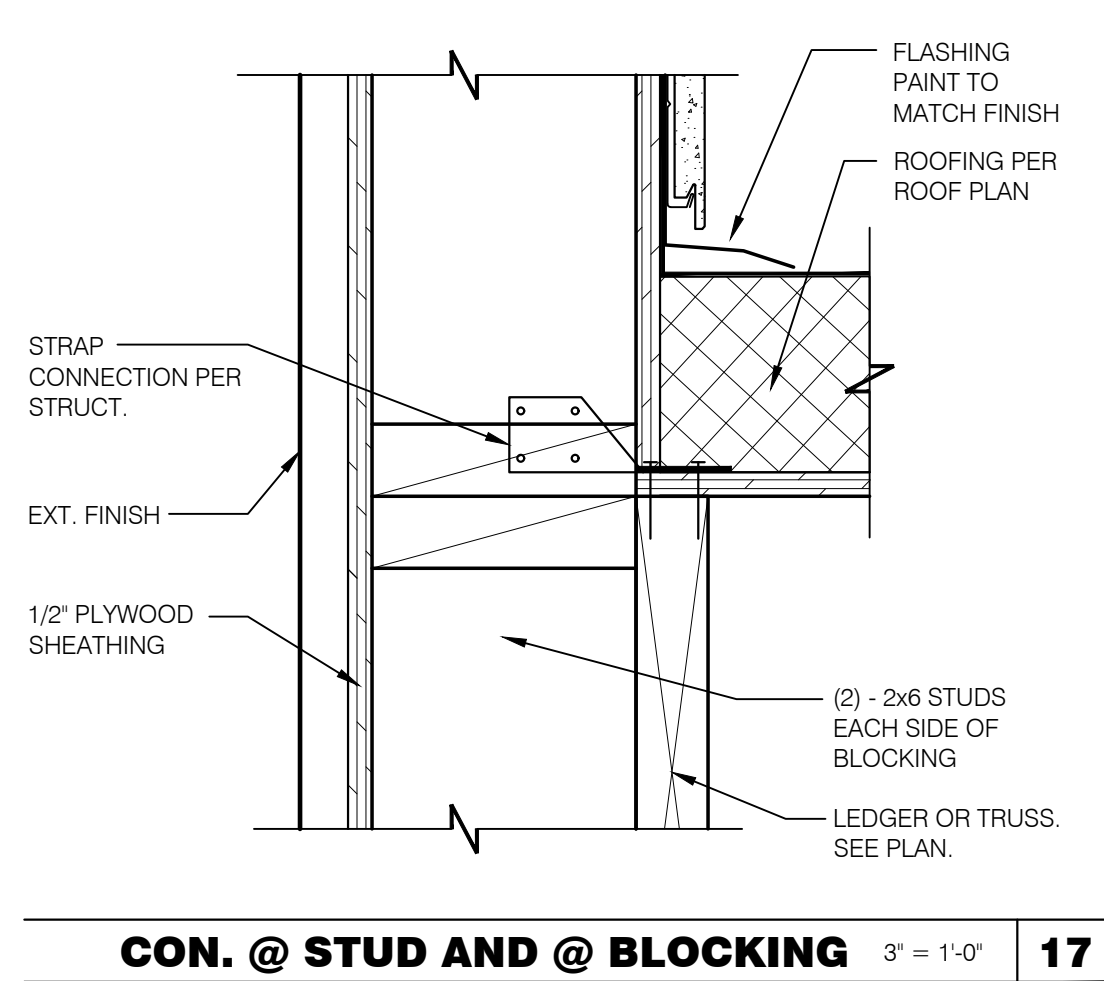
WALL SECTIONS
A5.4
 PERMIT PLOT DATE:



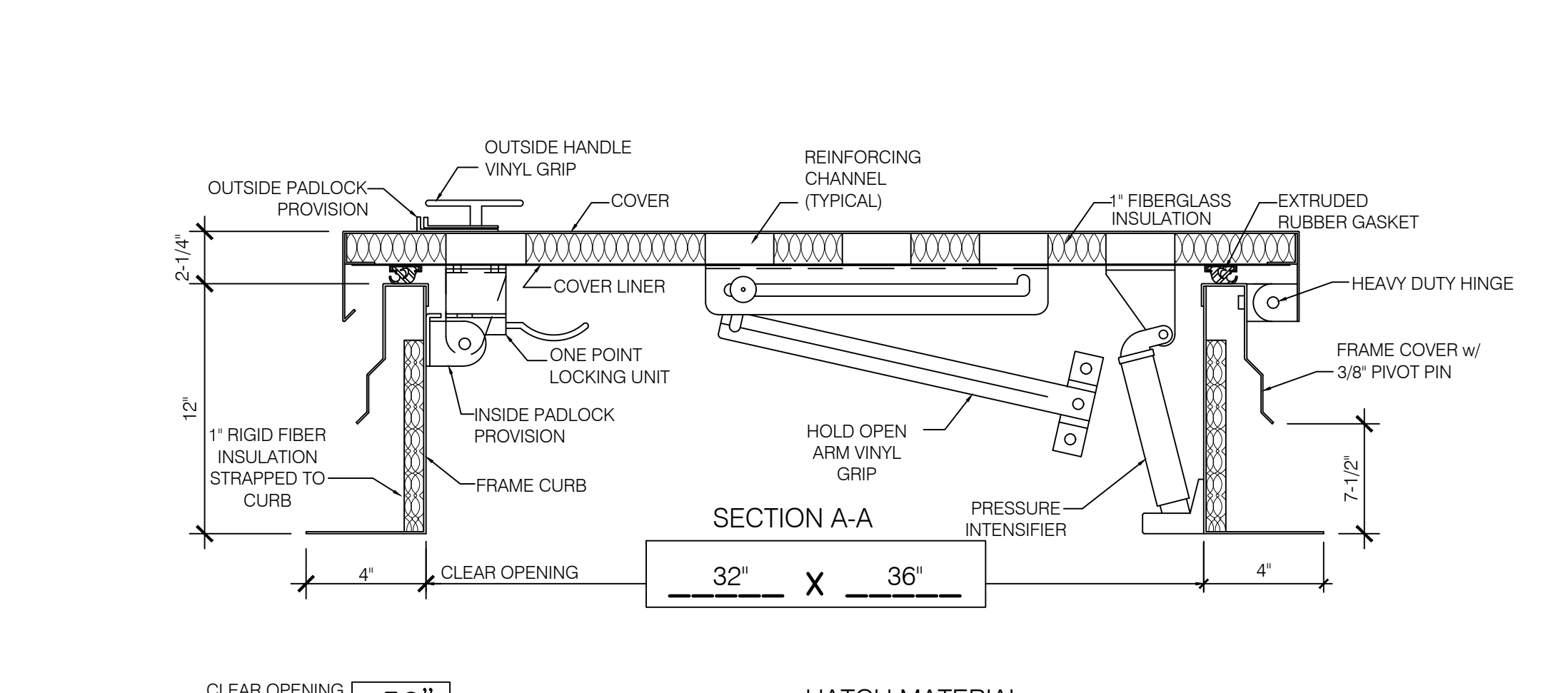
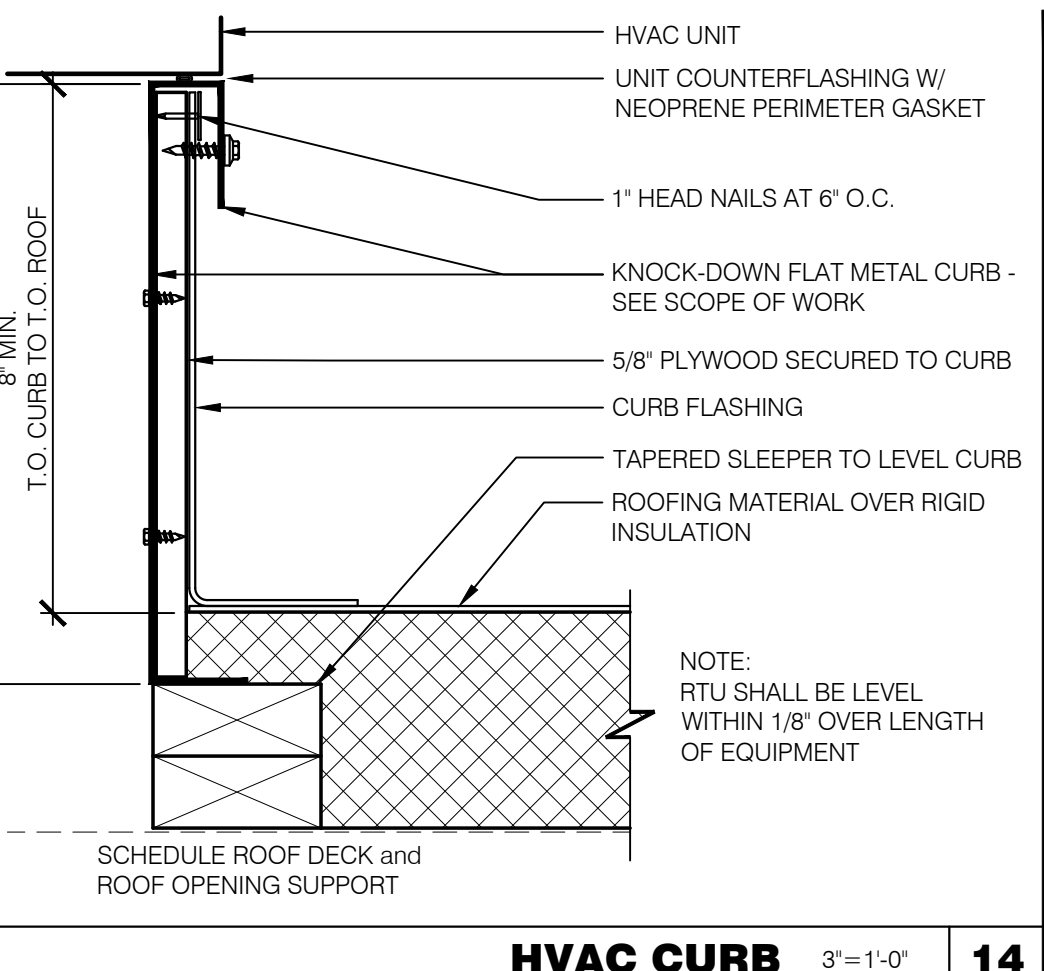
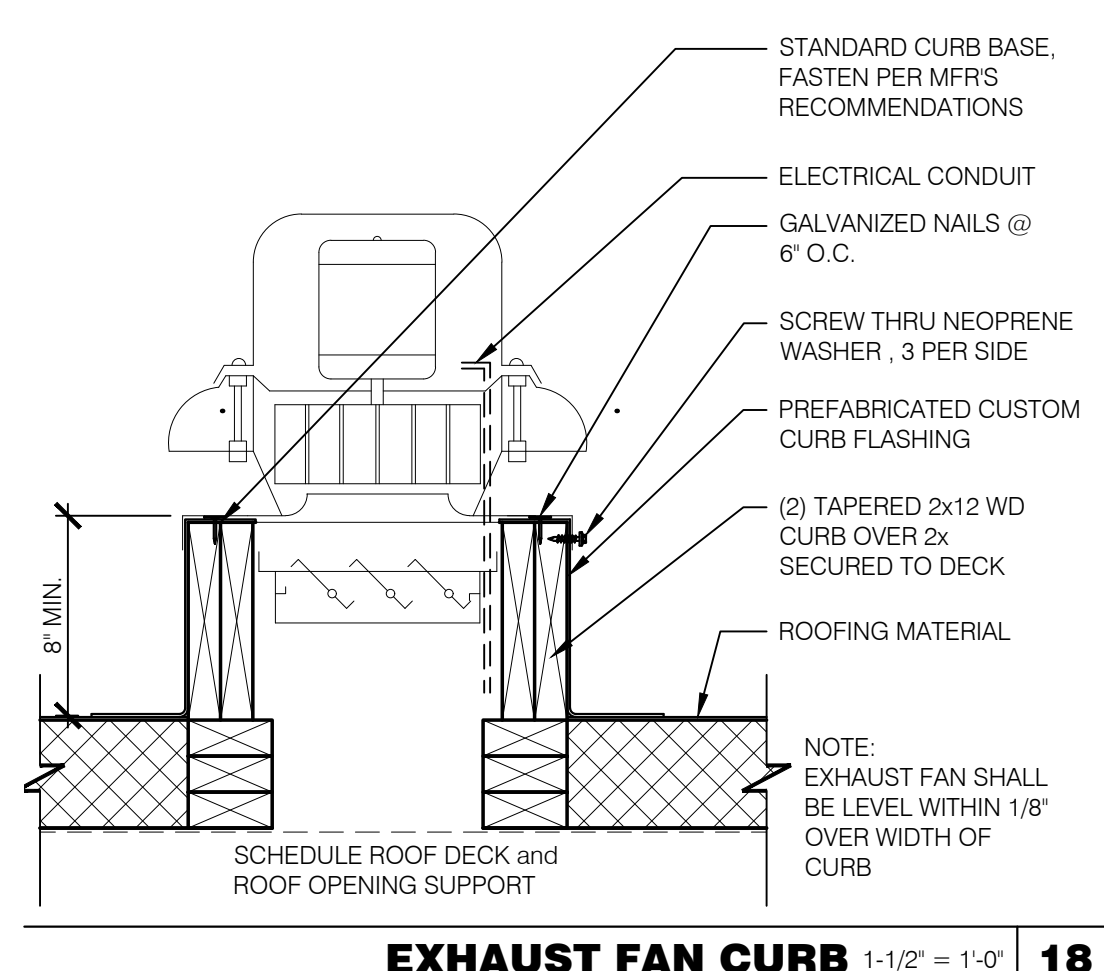
REAR WALL SECTION AT COOLER 3/4" = 1'-0" **A**



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



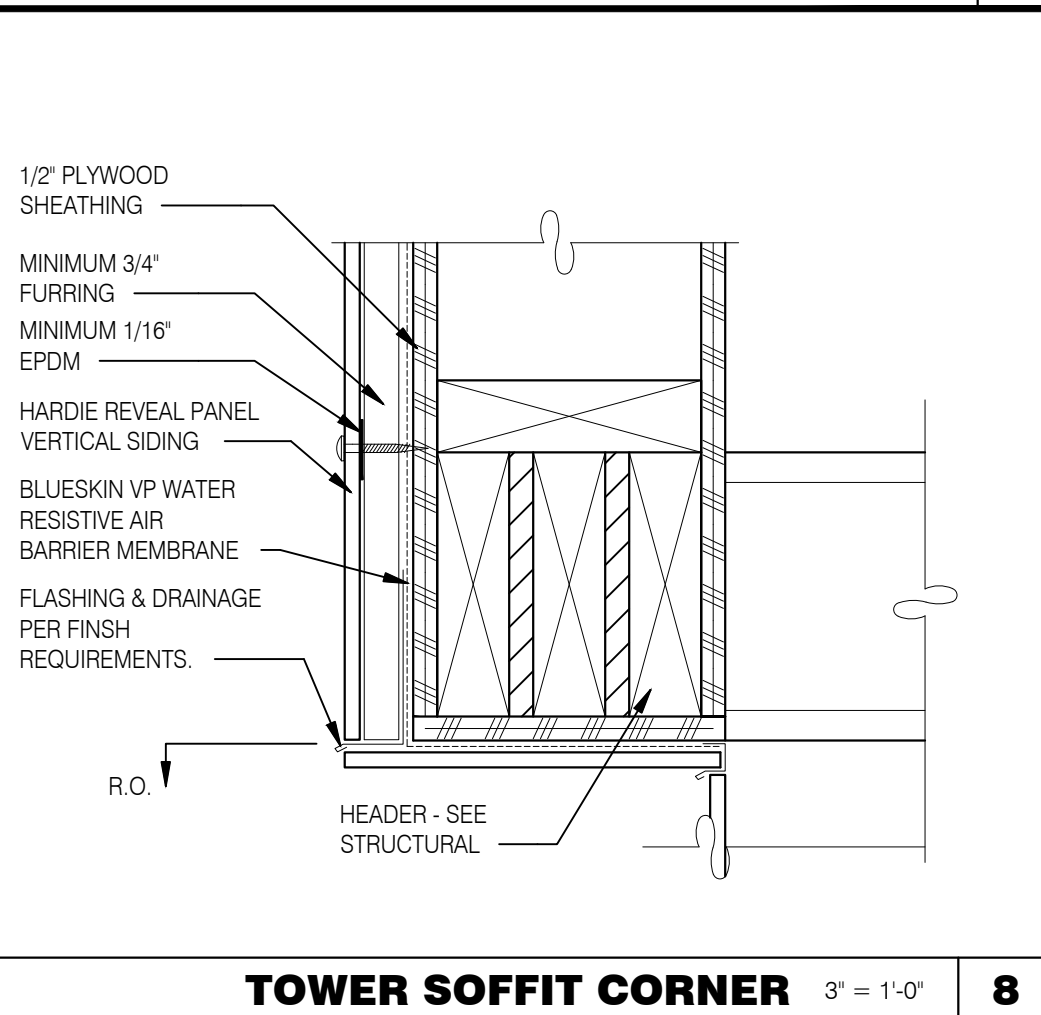
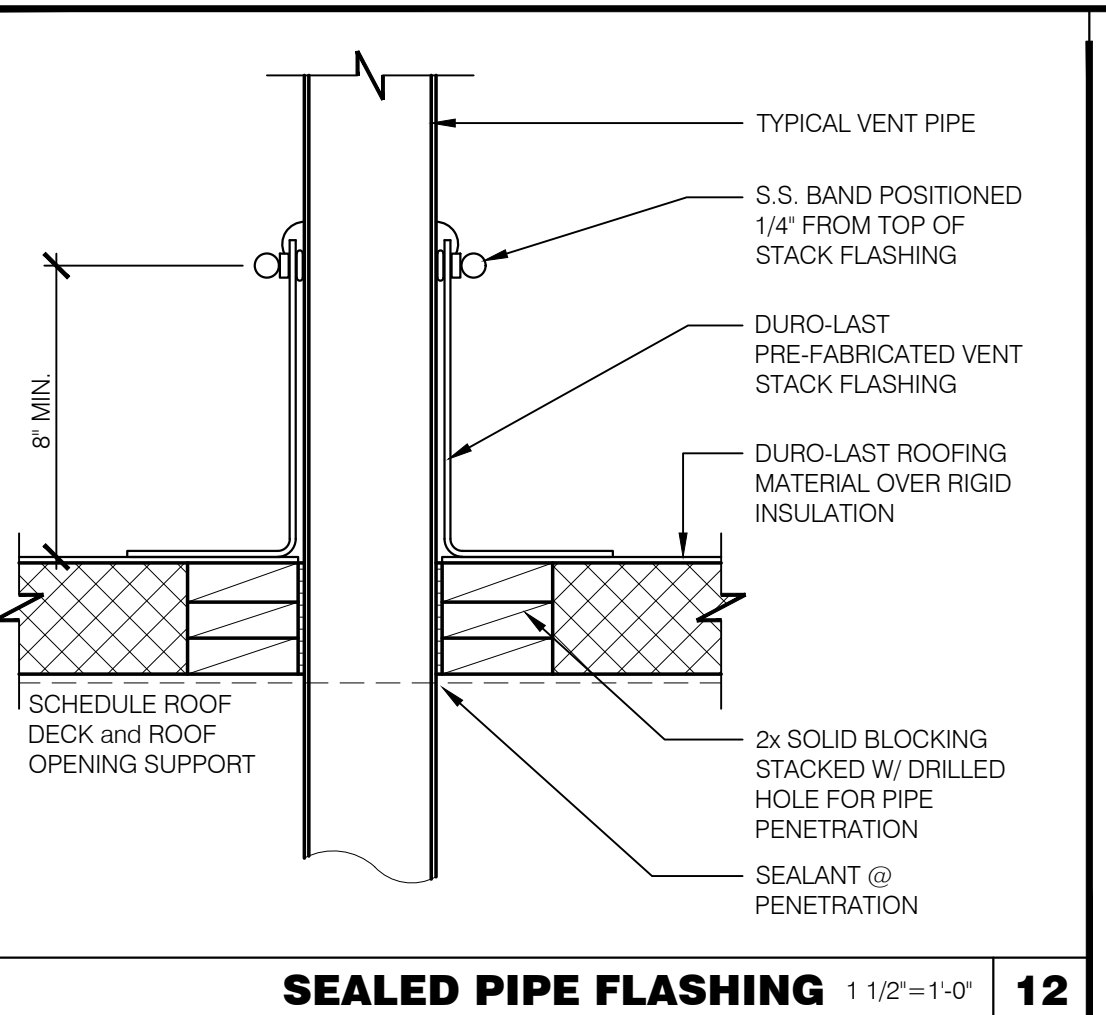
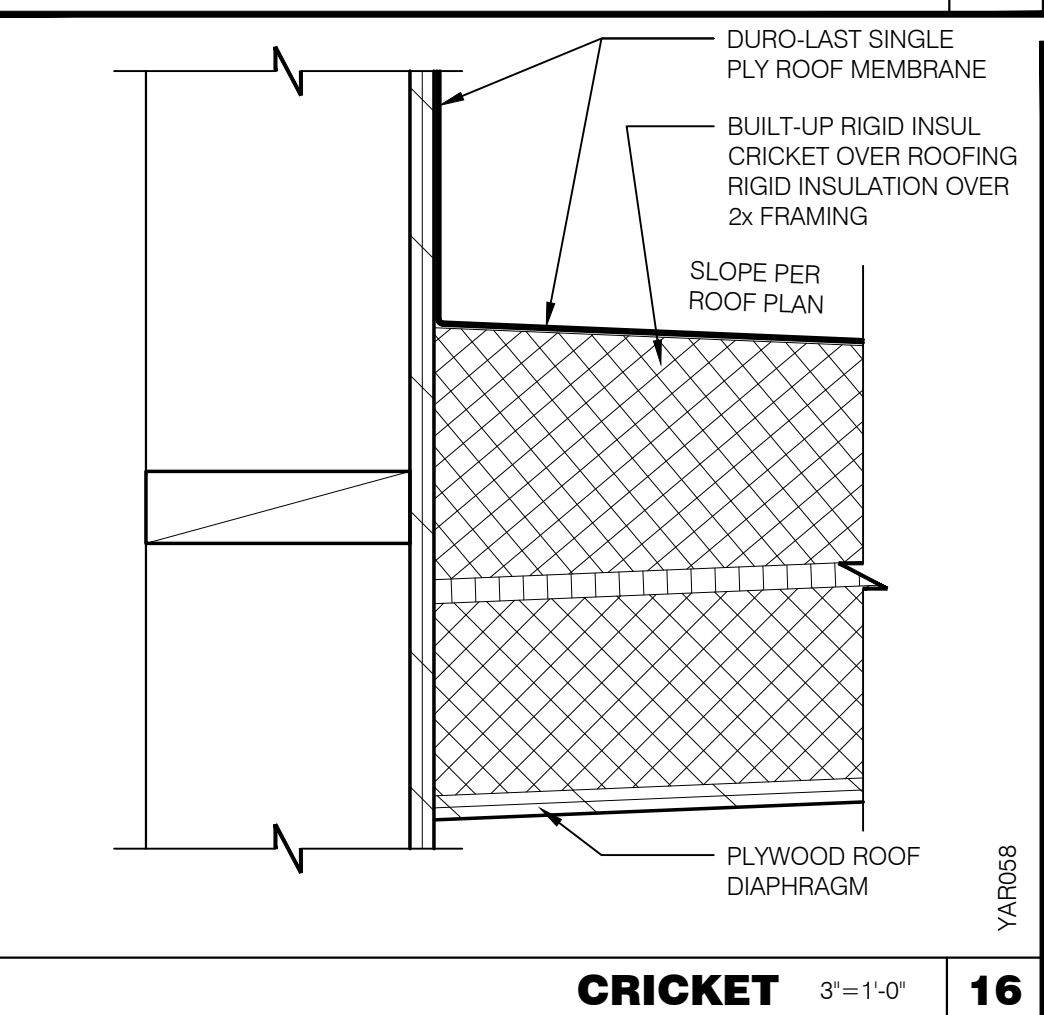
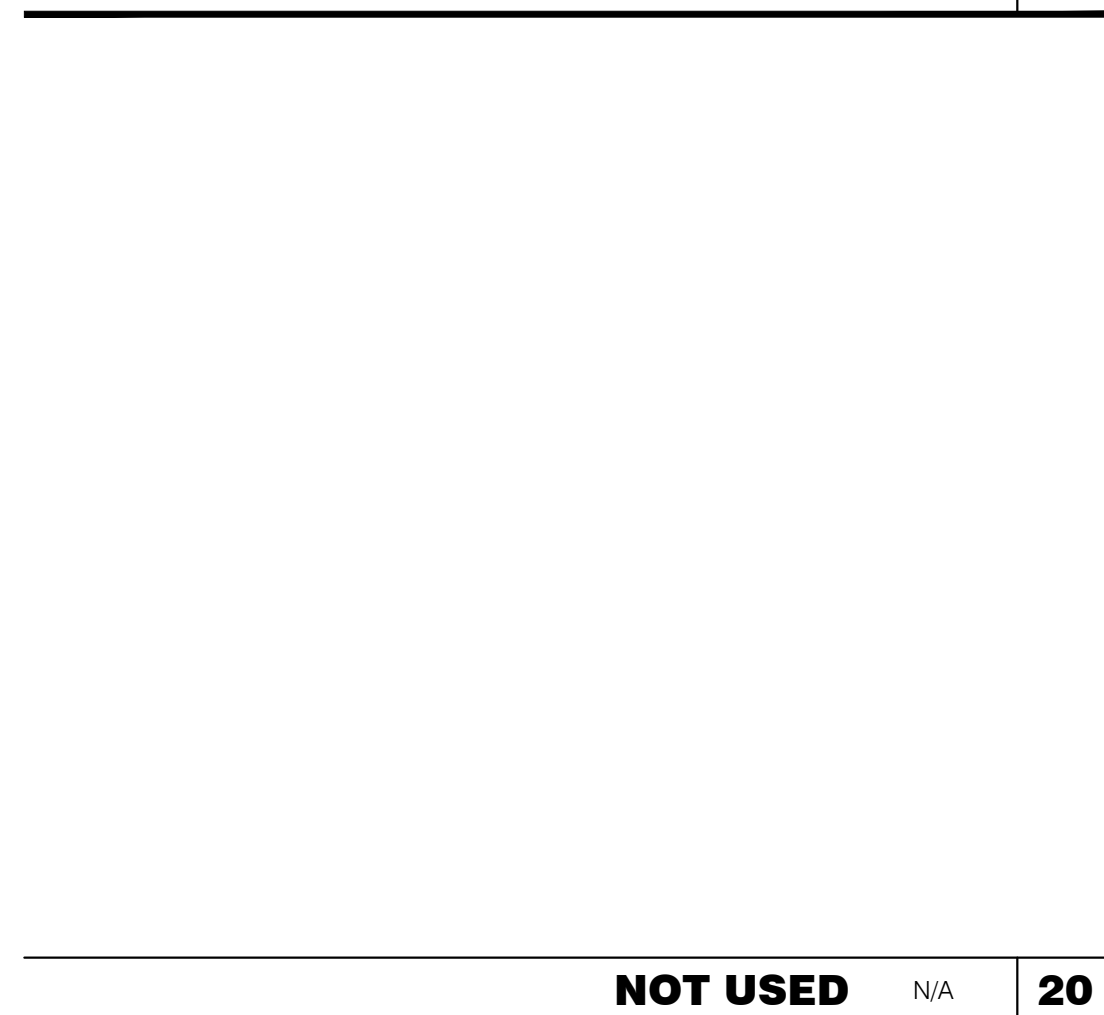
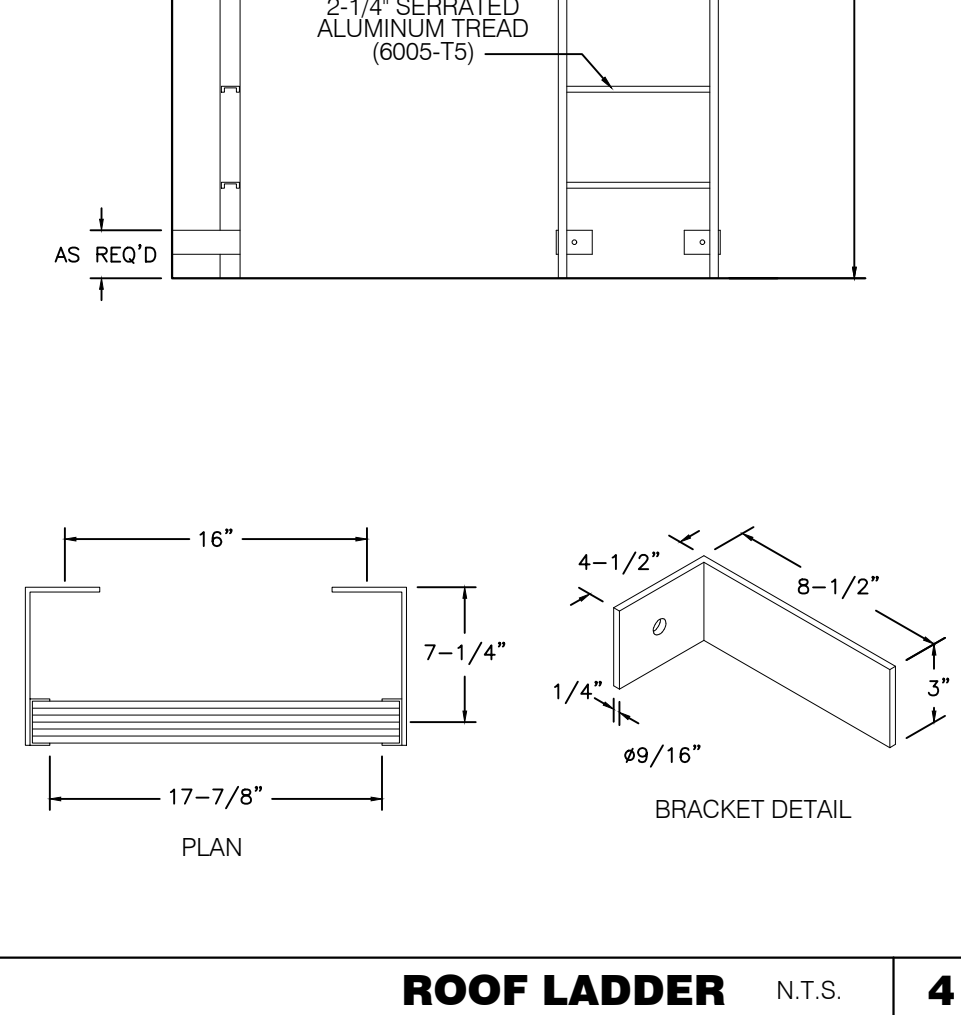
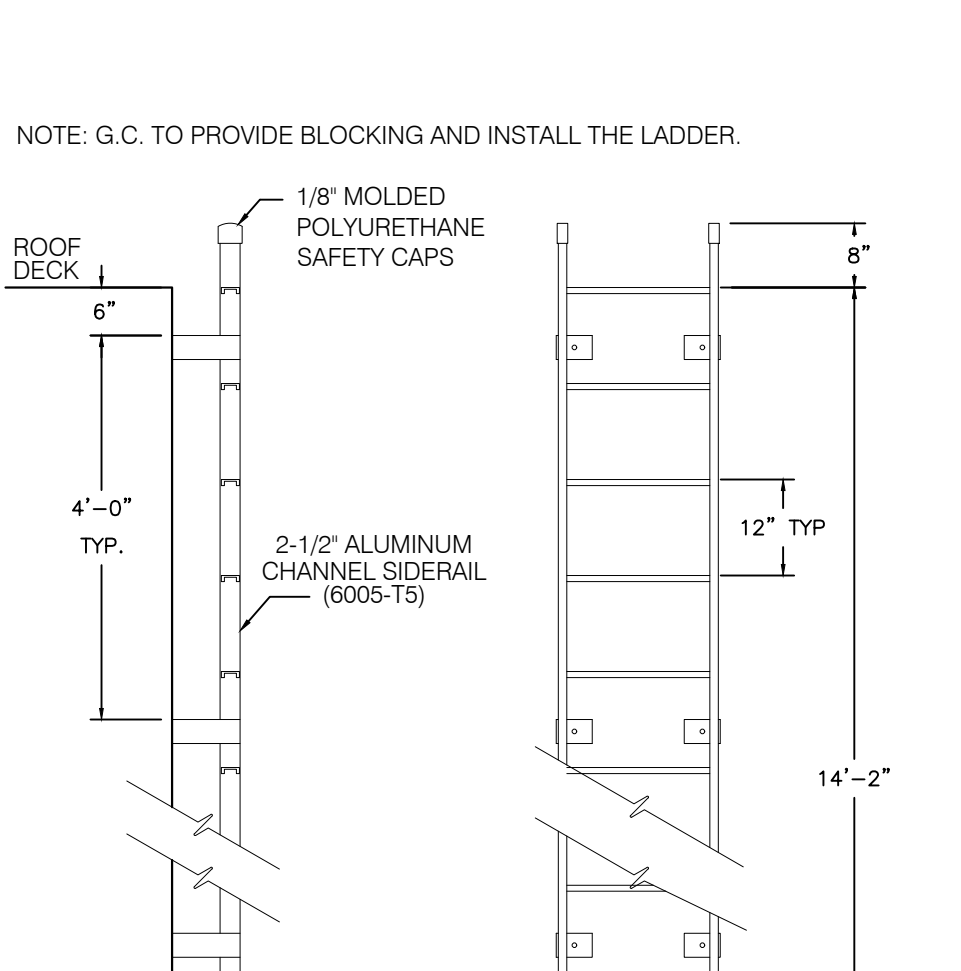
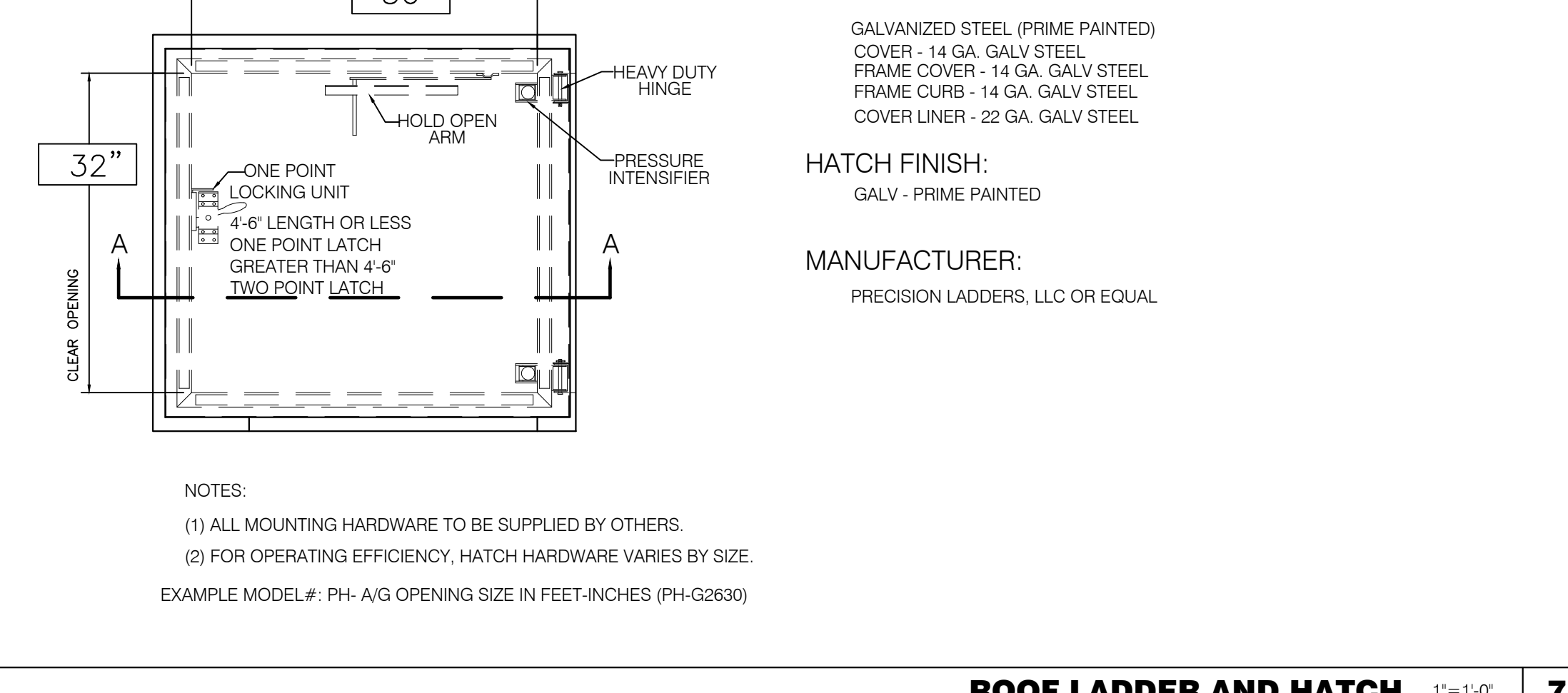
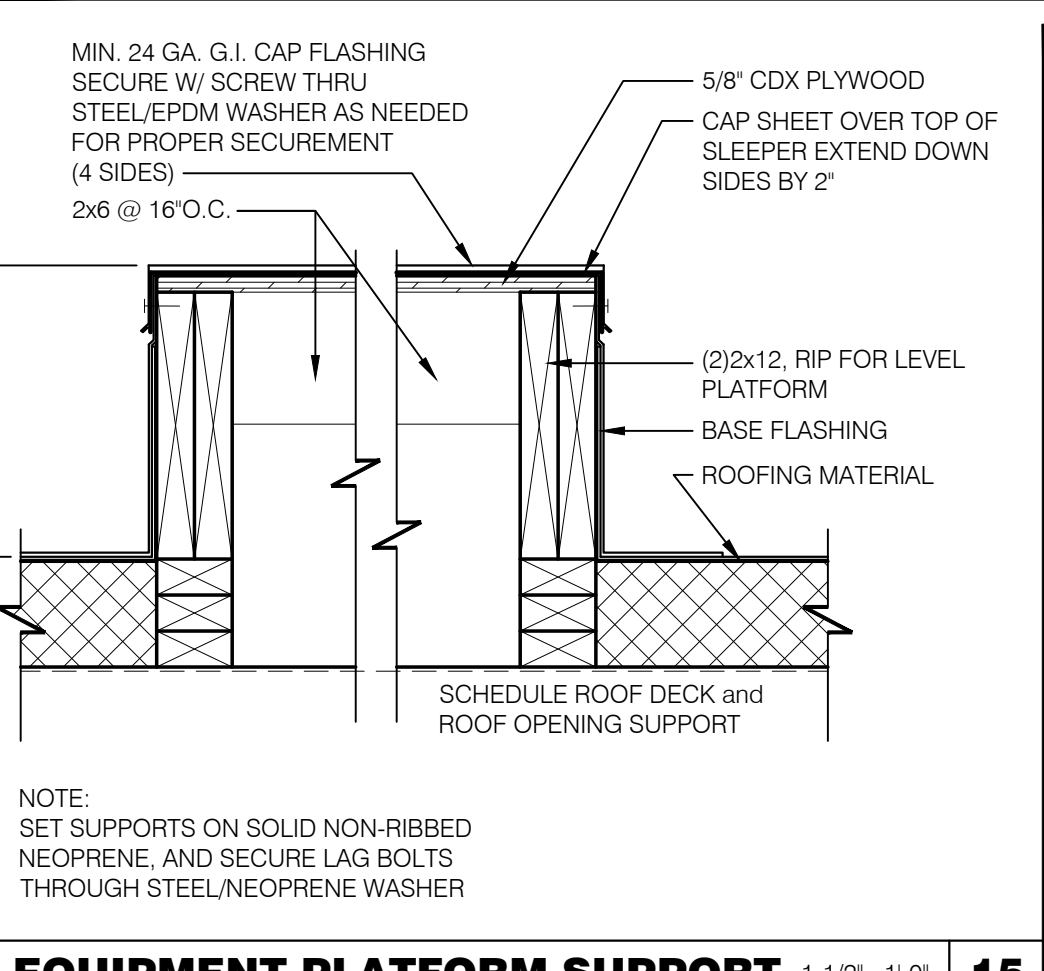
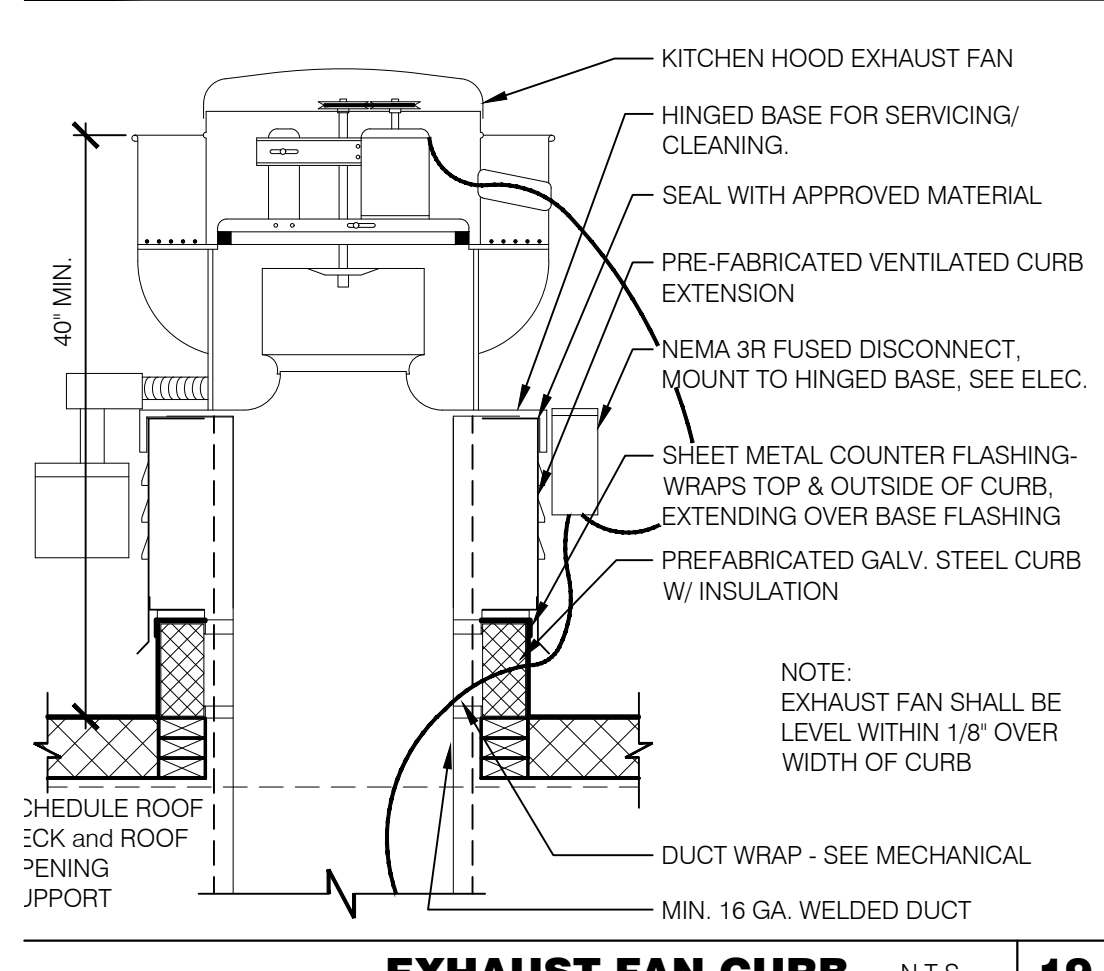
- NOTES
- 1 PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APPROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER 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: AS SCHEDULED
 - 8 DOUBLE 2X TOP PLATE
 - 9 PLYWOOD SUBSTRATE. SEE SHEET A1.0 & S2.0 FOR ADDITIONAL DETAILS



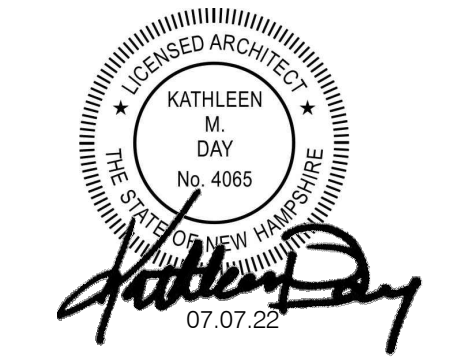
HATCH MATERIAL:
 GALVANIZED STEEL (PRIME PAINTED)
 COVER - 14 GA. GALV STEEL
 FRAME COVER - 14 GA. GALV STEEL
 FRAME CURB - 14 GA. GALV STEEL
 COVER LINER - 22 GA. GALV STEEL

HATCH FINISH:
 GALV - PRIME PAINTED

MANUFACTURER:
 PRECISION LADDERS, LLC OR EQUAL



Kathleen Day, architect
 8535 ferry road
 waynesville, oh 45068
 617.331.2545
 kathleendayarchitect@gmail.com



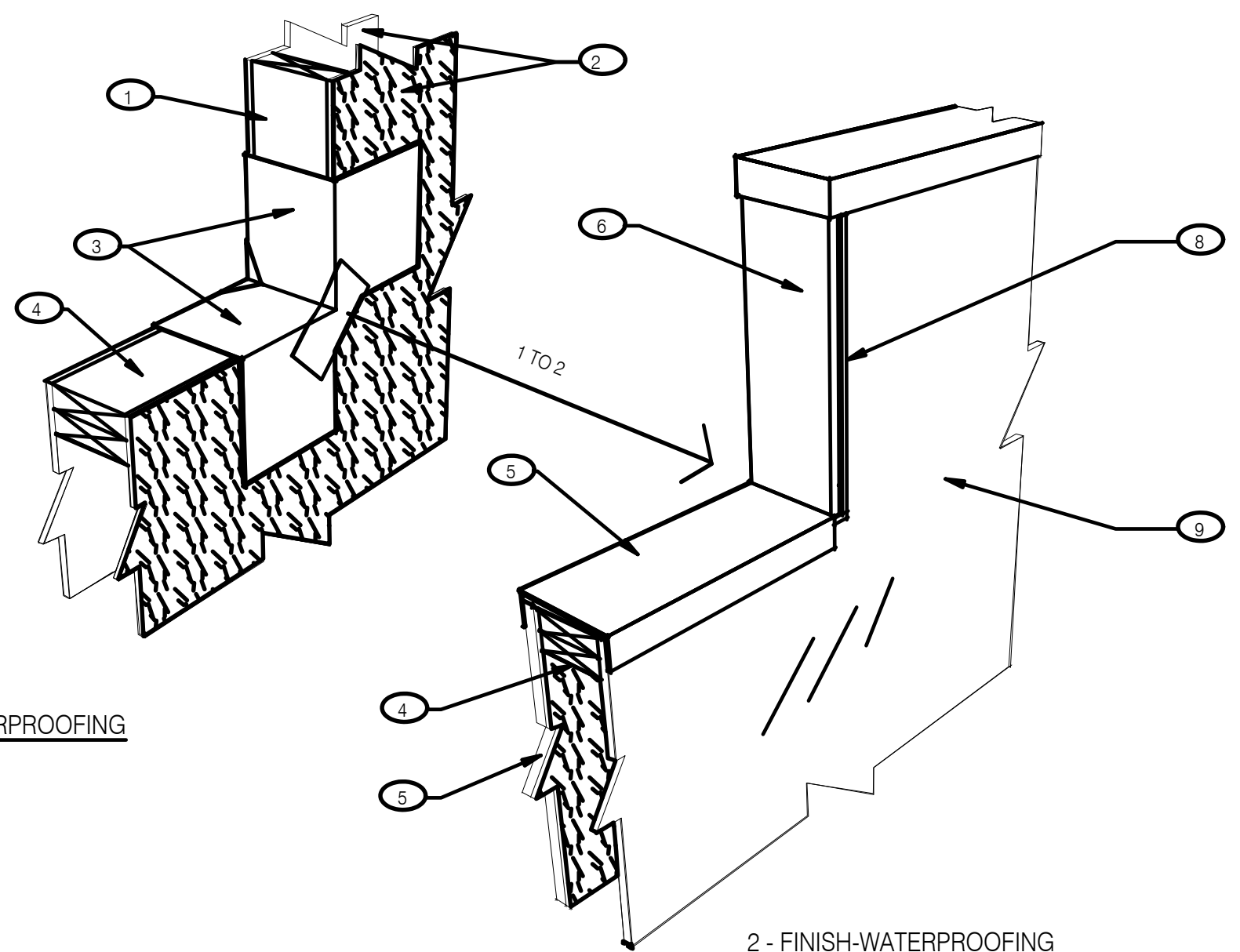
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



CONSTRUCTION DETAILS
 ROOF
A6.0

PERMIT PLOT DATE:

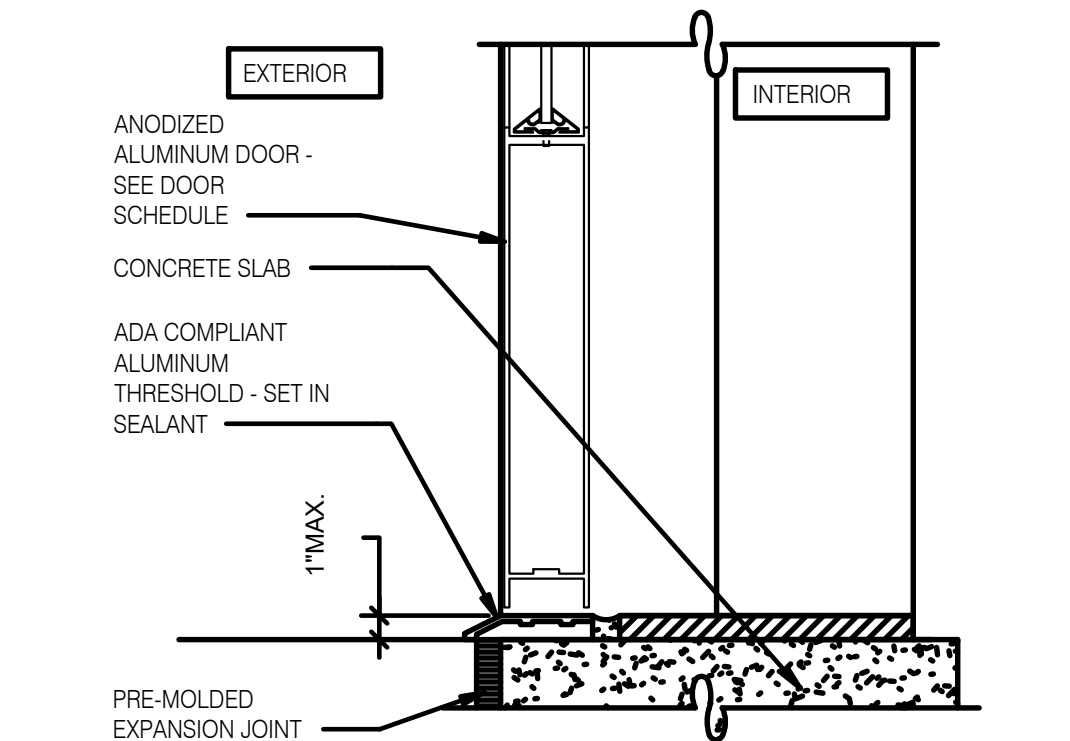
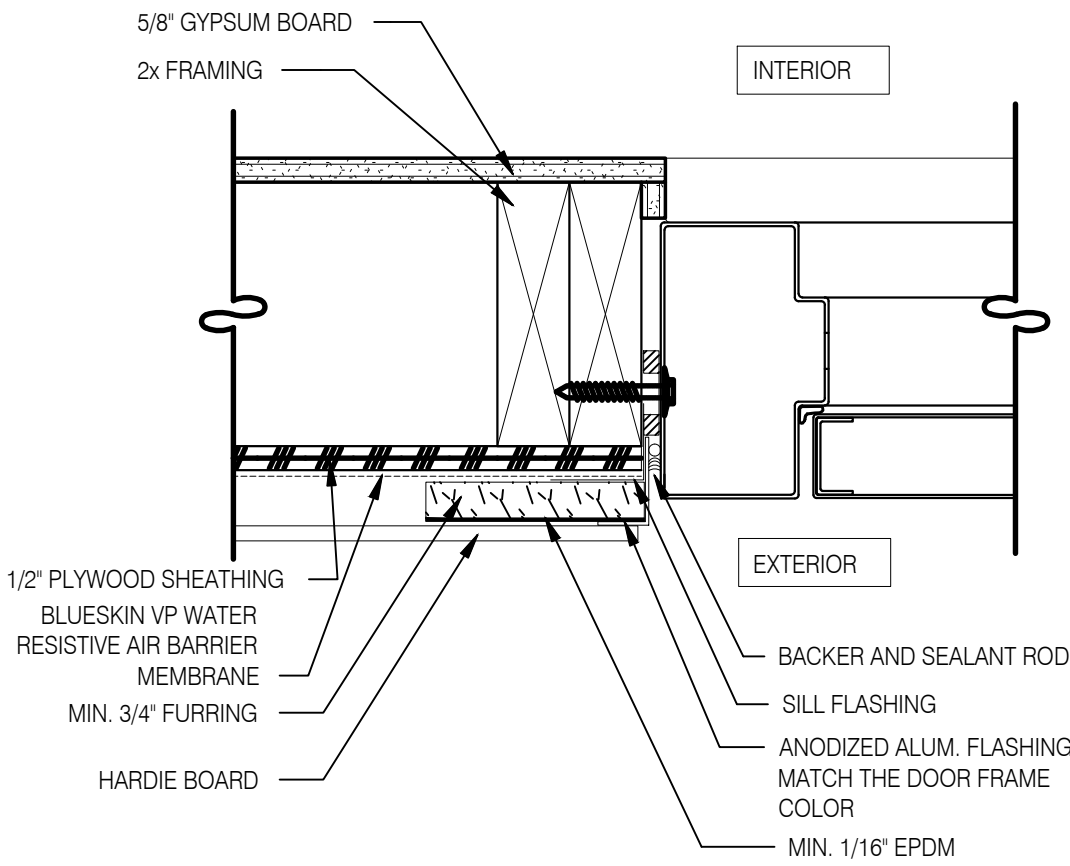


NOTES

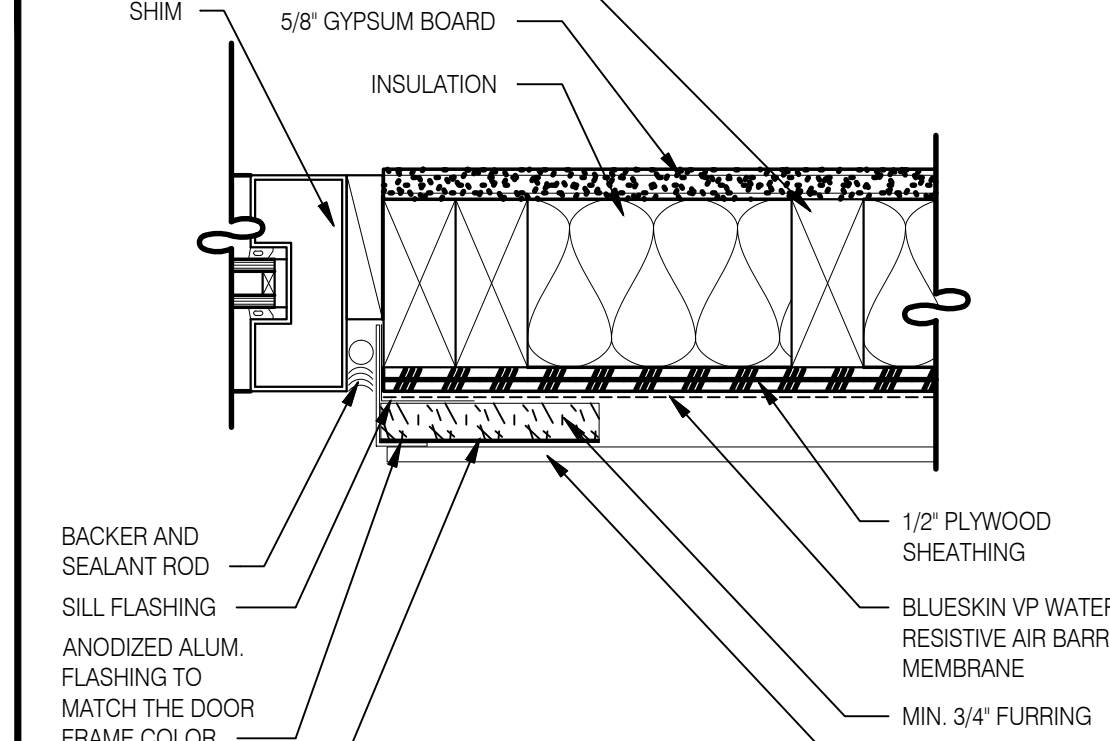
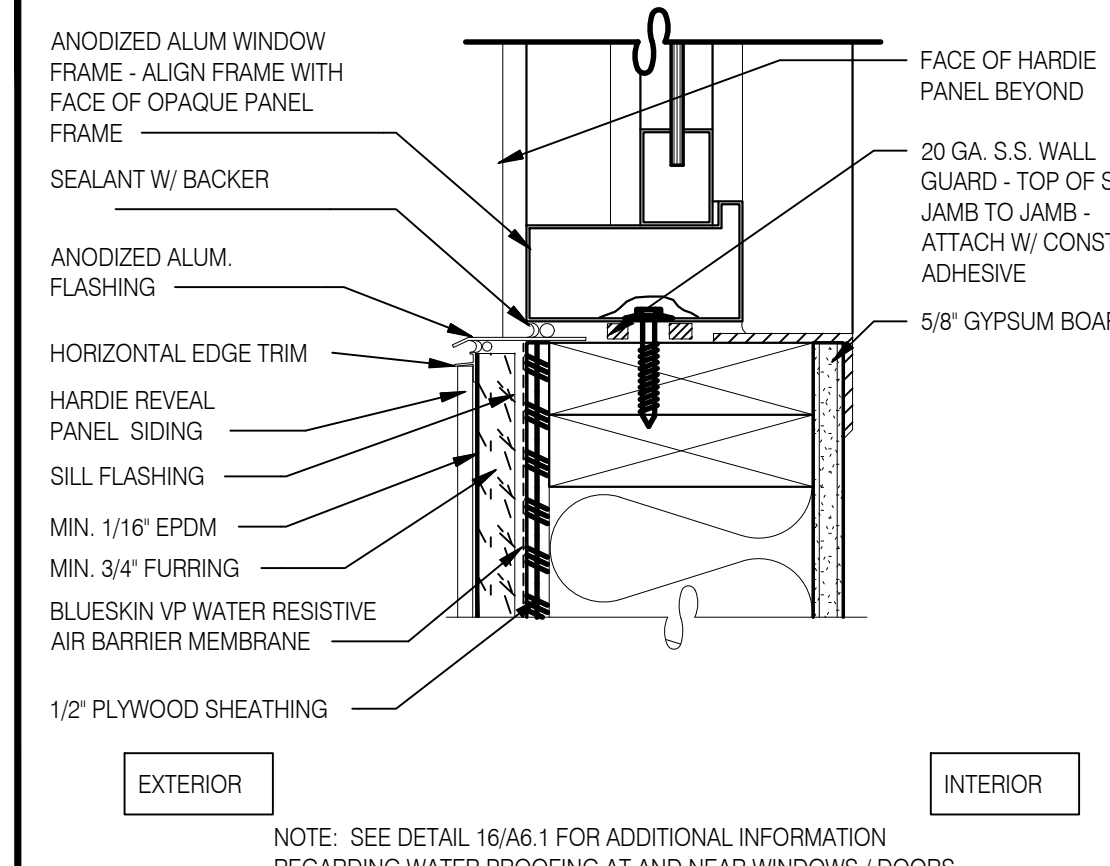
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING.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

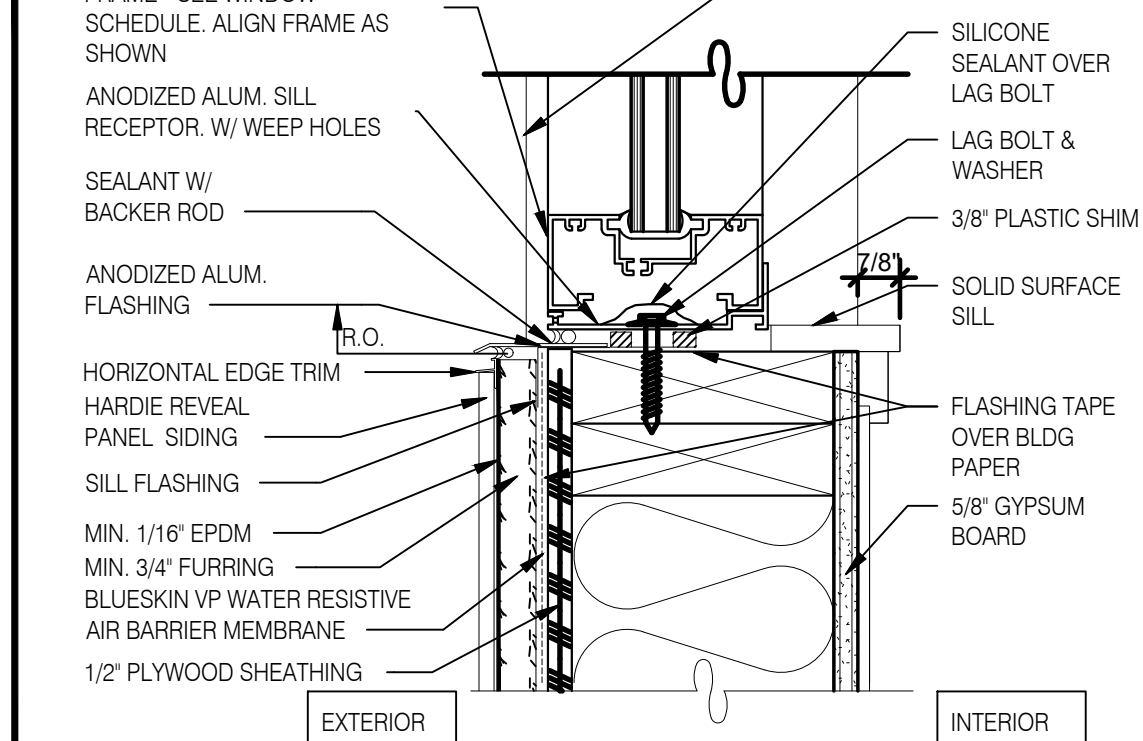
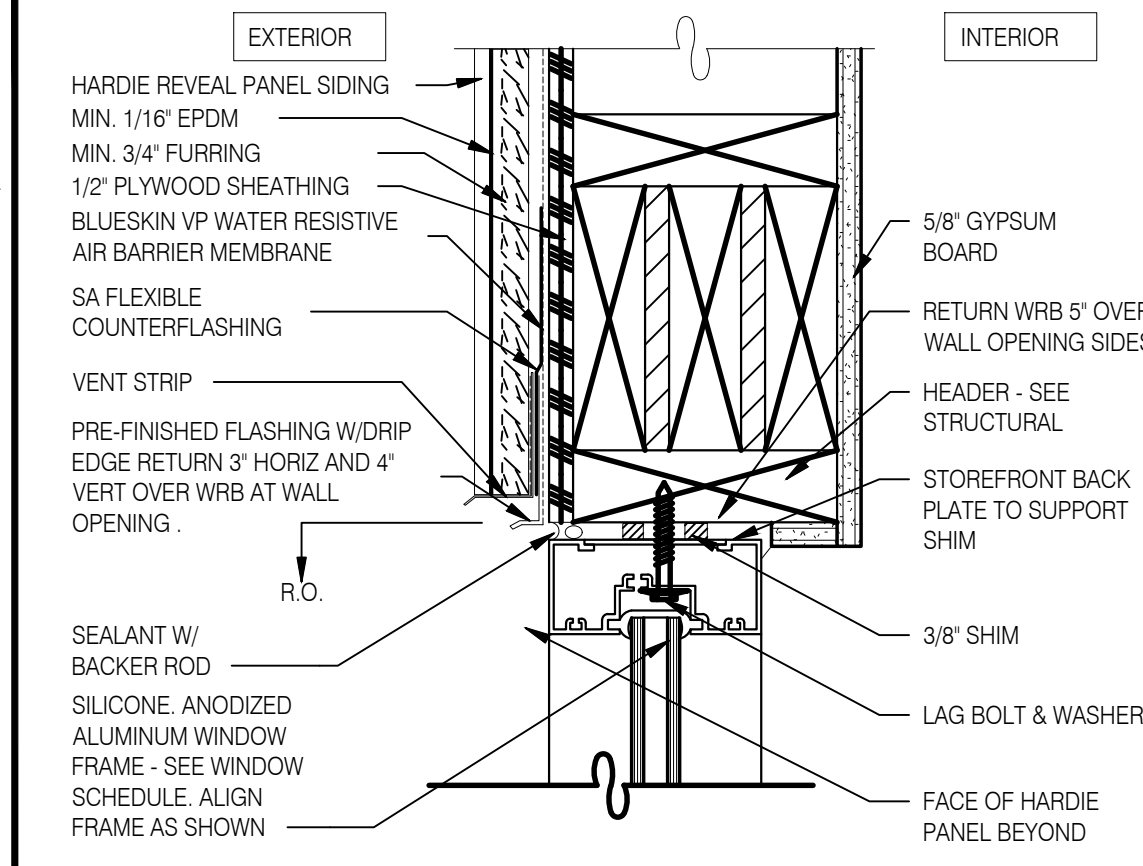
PARAPET CAP TRANSITION 1" = 1'-0" 13



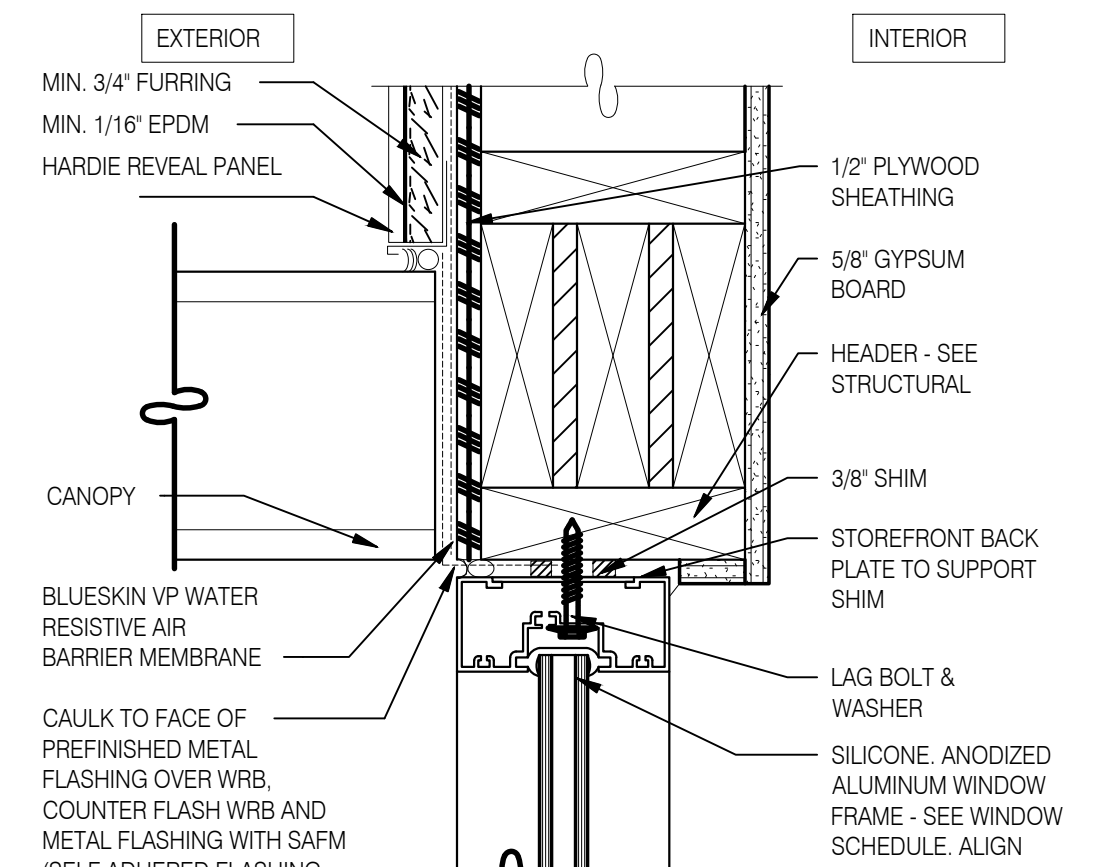
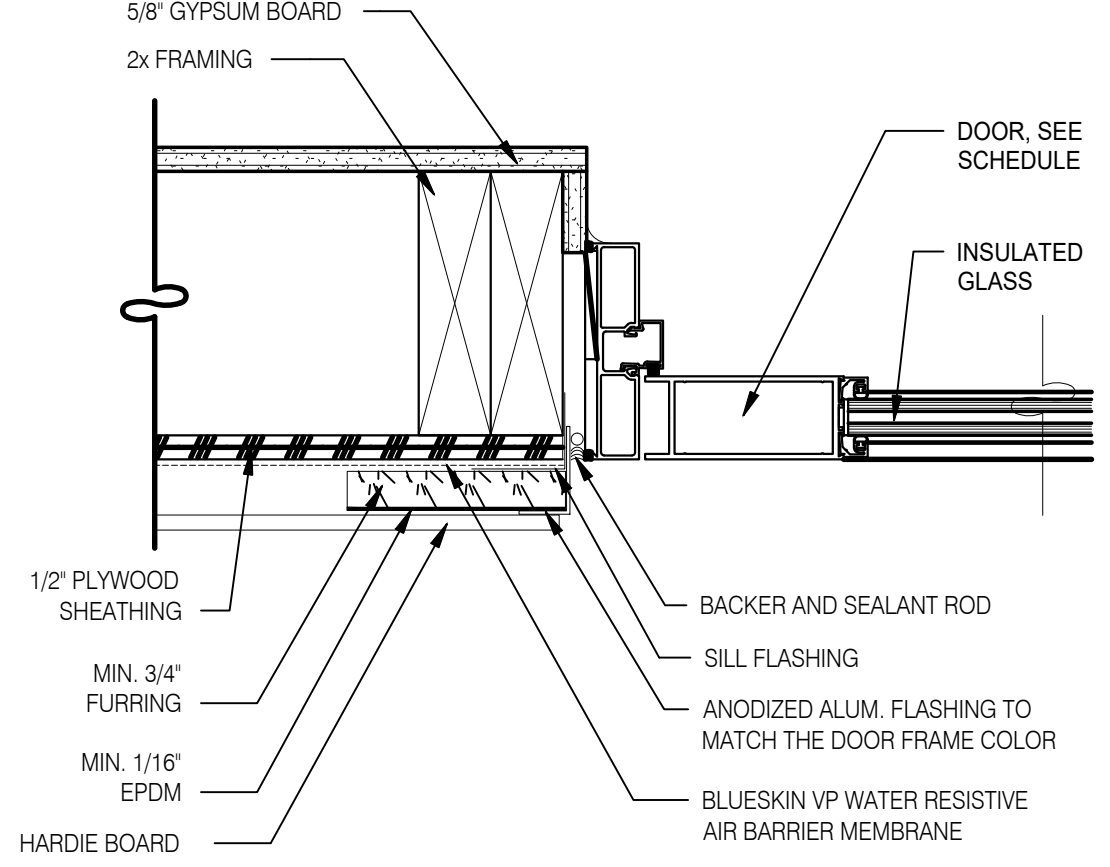
STOREFRONT DOOR THRESHOLD 3" = 1'-0" 10



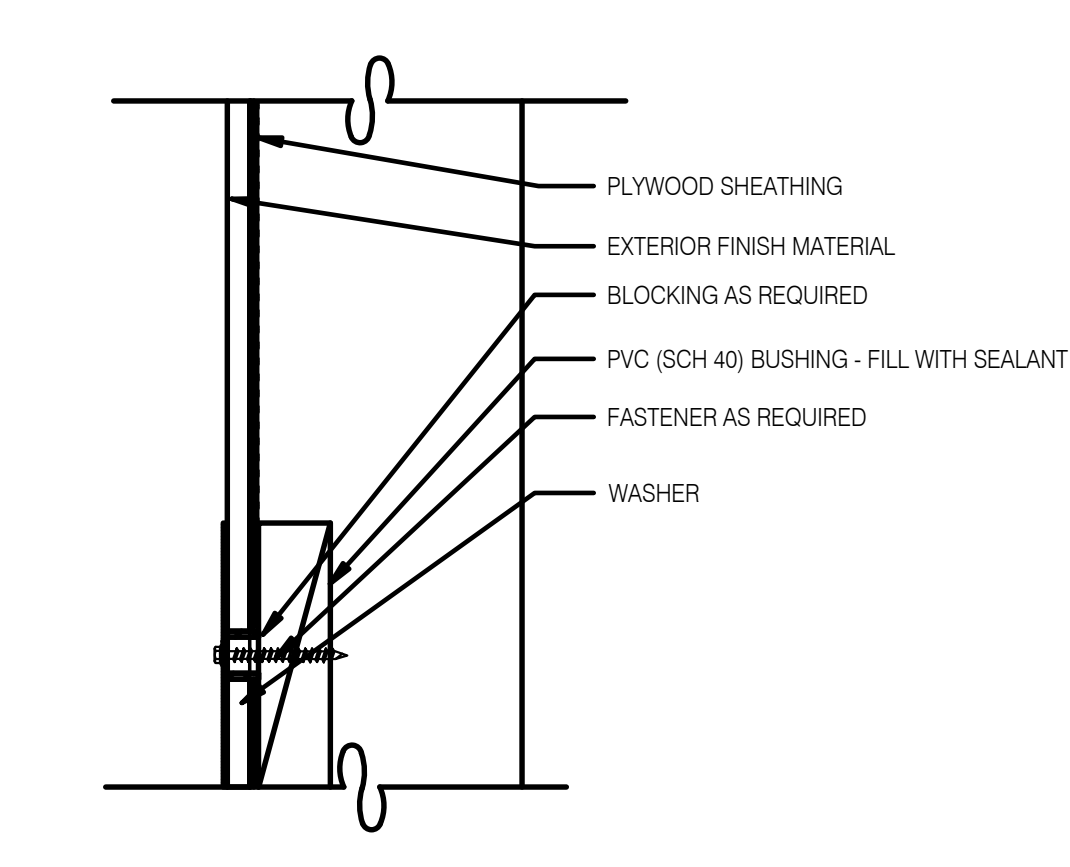
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



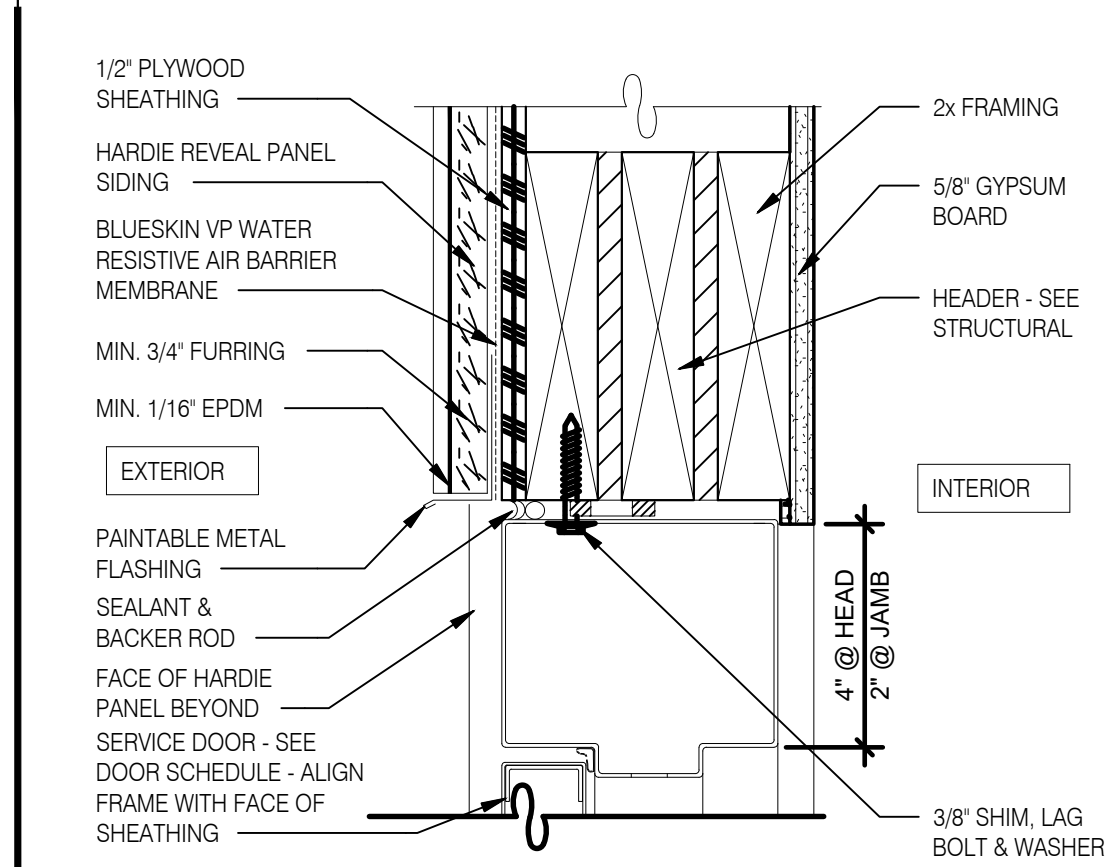
TYPICAL WINDOW SILL 3" = 1'-0" 2



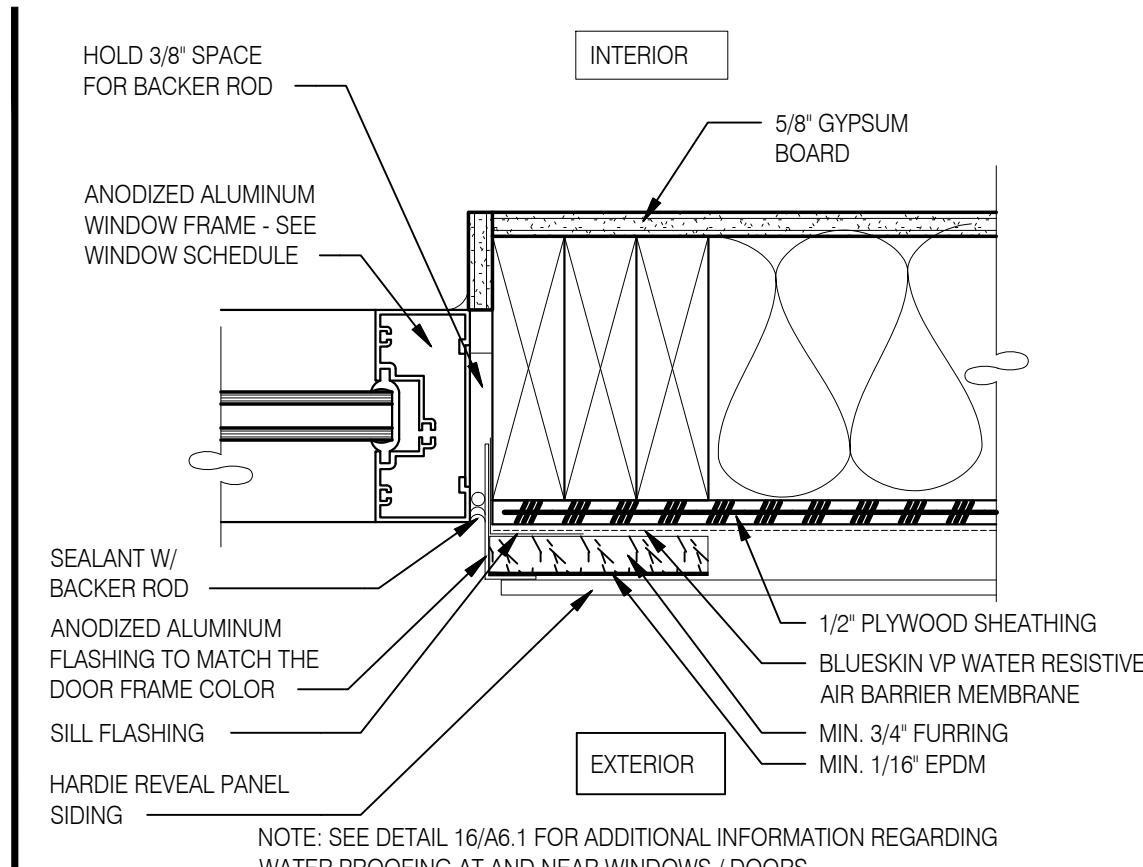
TYPICAL HEAD WITH CANOPY 3" = 1'-0" 14



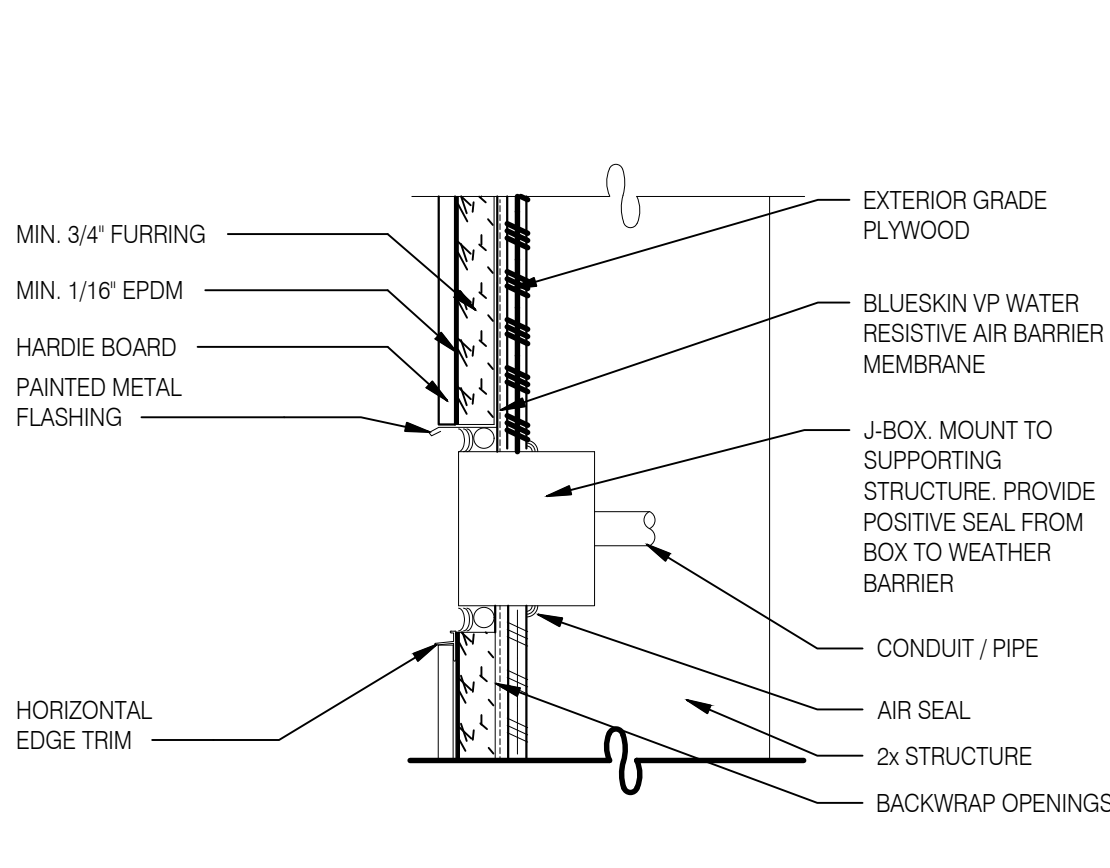
CONNECTION THRU EXTERIOR FINISH 1" = 1'-0" 11



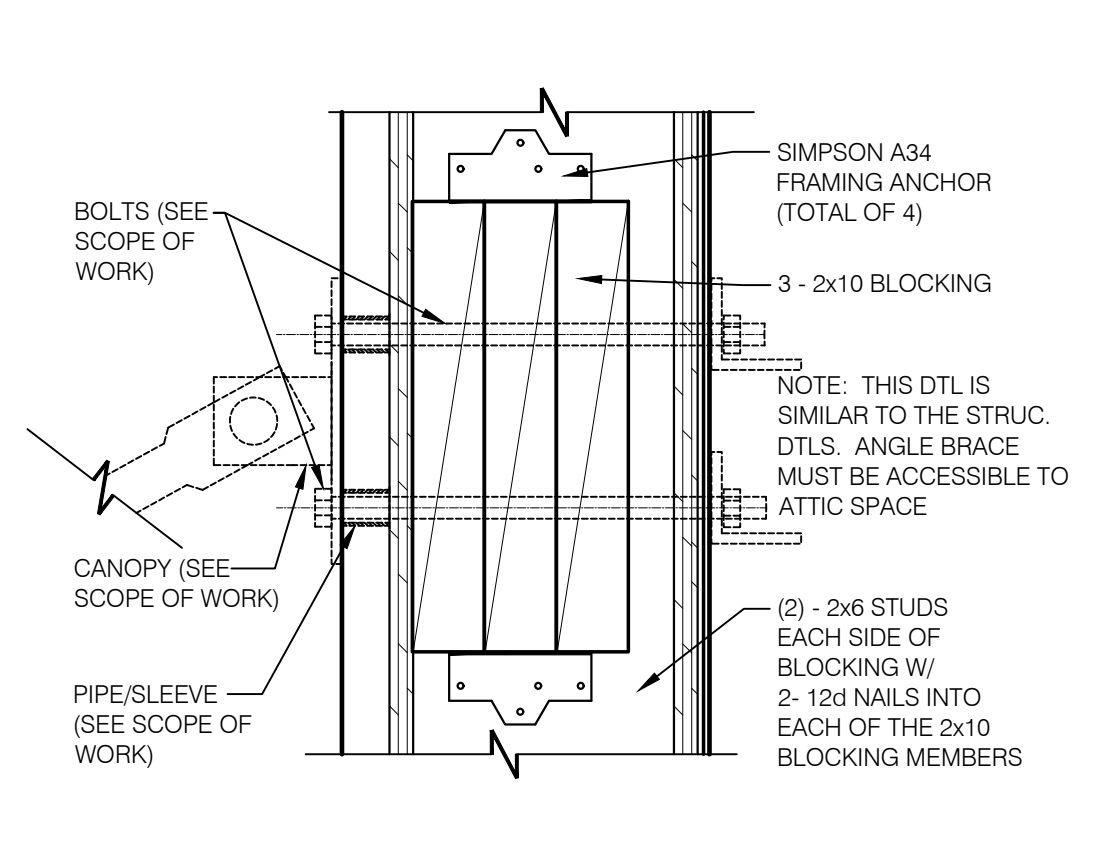
HEAD @ SERVICE DOOR 3" = 1'-0" 7



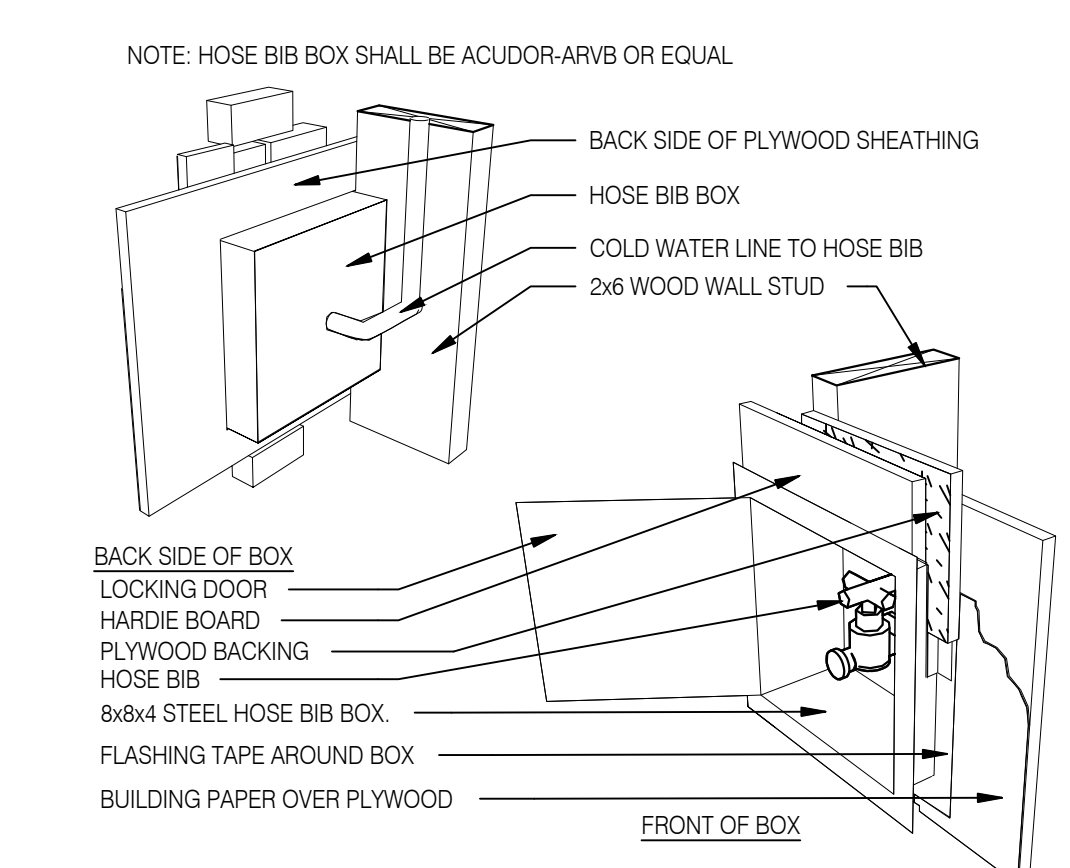
TYPICAL WINDOW JAMB 3" = 1'-0" 3



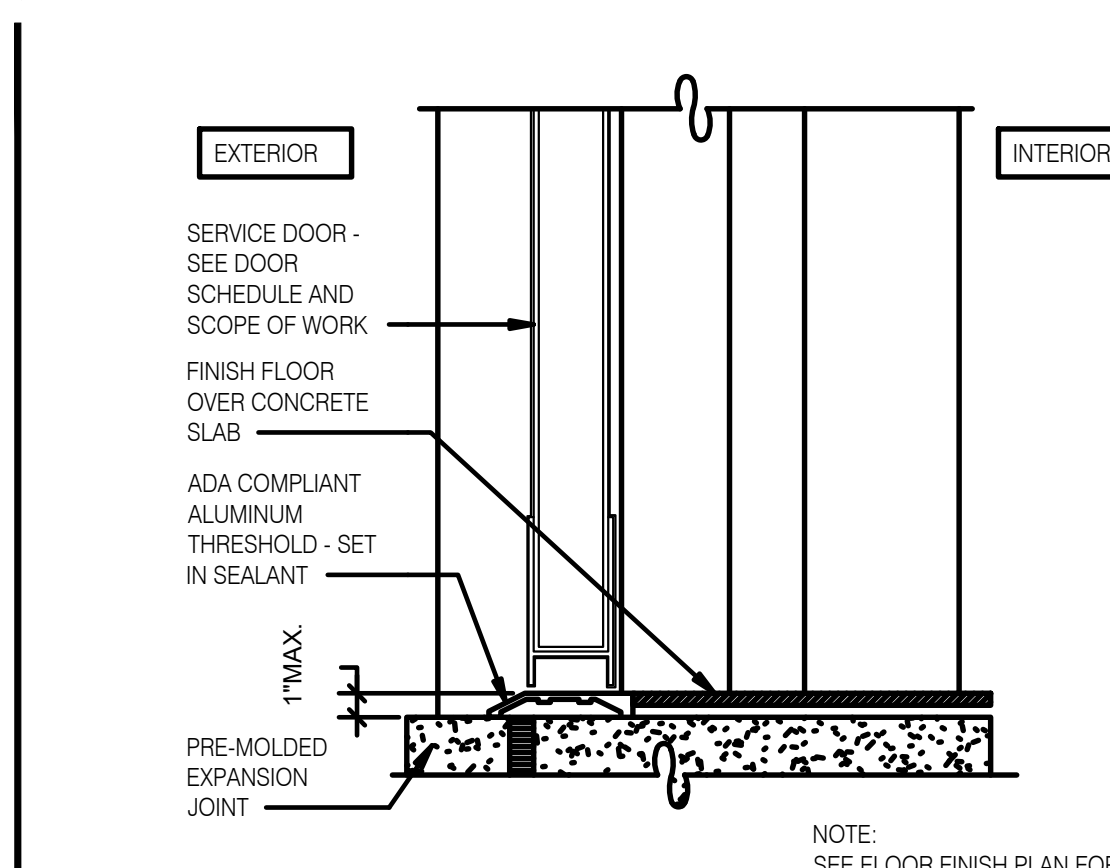
C02 FILL / JUNCTION BOX 3" = 1'-0" 7



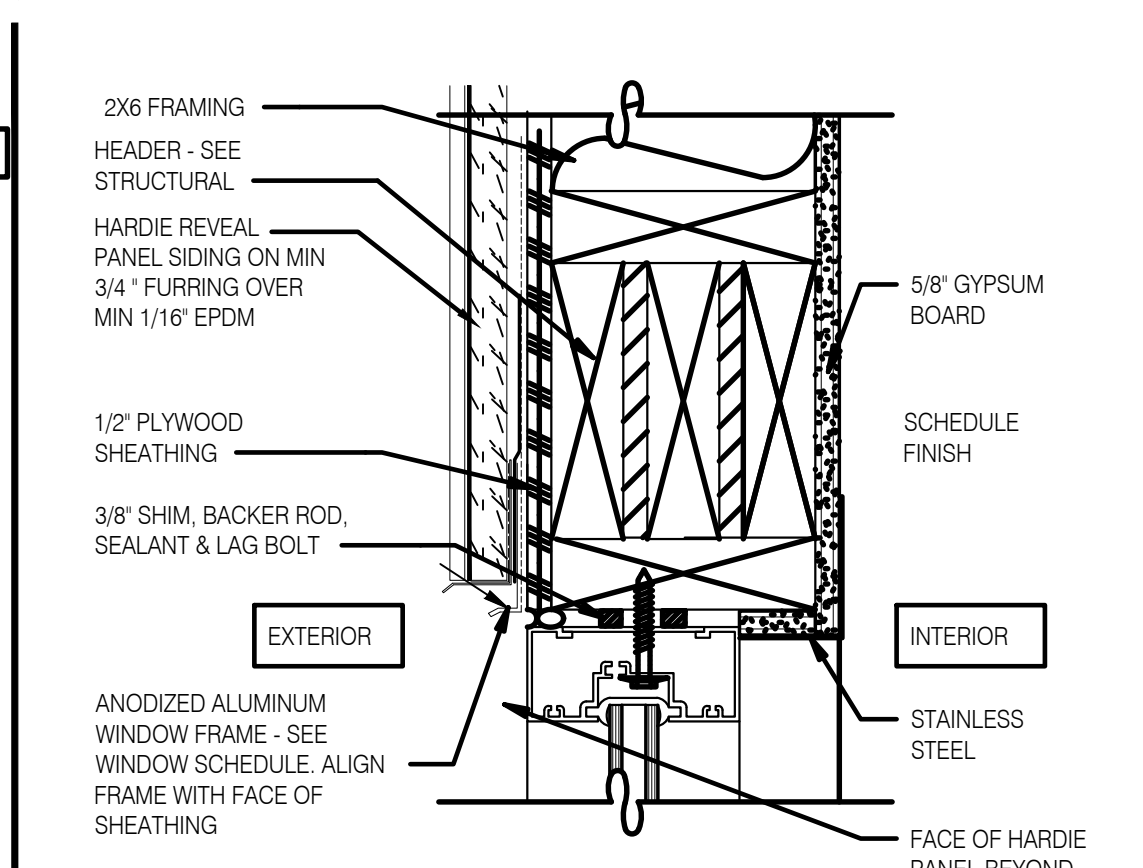
CANOPY BLOCKING DETAIL 3" = 1'-0" 15



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

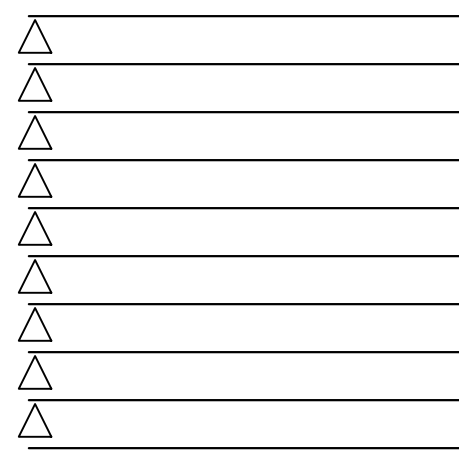
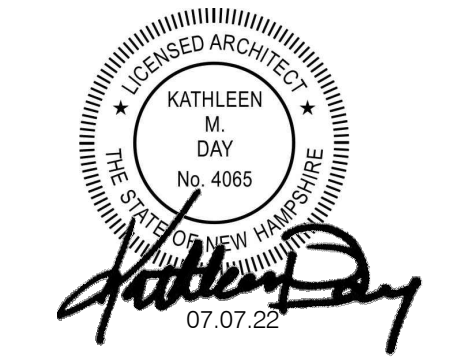


THRESHOLD @ SERVICE DOOR 3" = 1'-0" 8



WINDOW HEAD @ DRIVE THRU 3" = 1'-0" 4

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 kathleendayarchitect@gmail.com



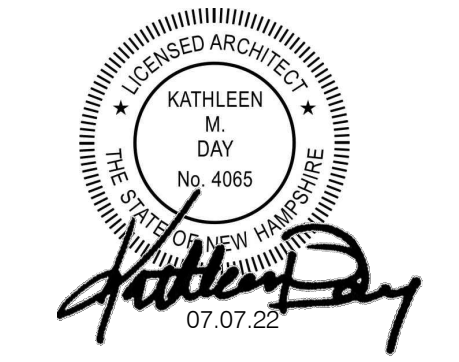
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



CONSTRUCTION DETAILS
DOOR/WINDOW
A6.1

PERMIT PLOT DATE:



- △
- △
- △
- △
- △
- △
- △
- △
- △
- △

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

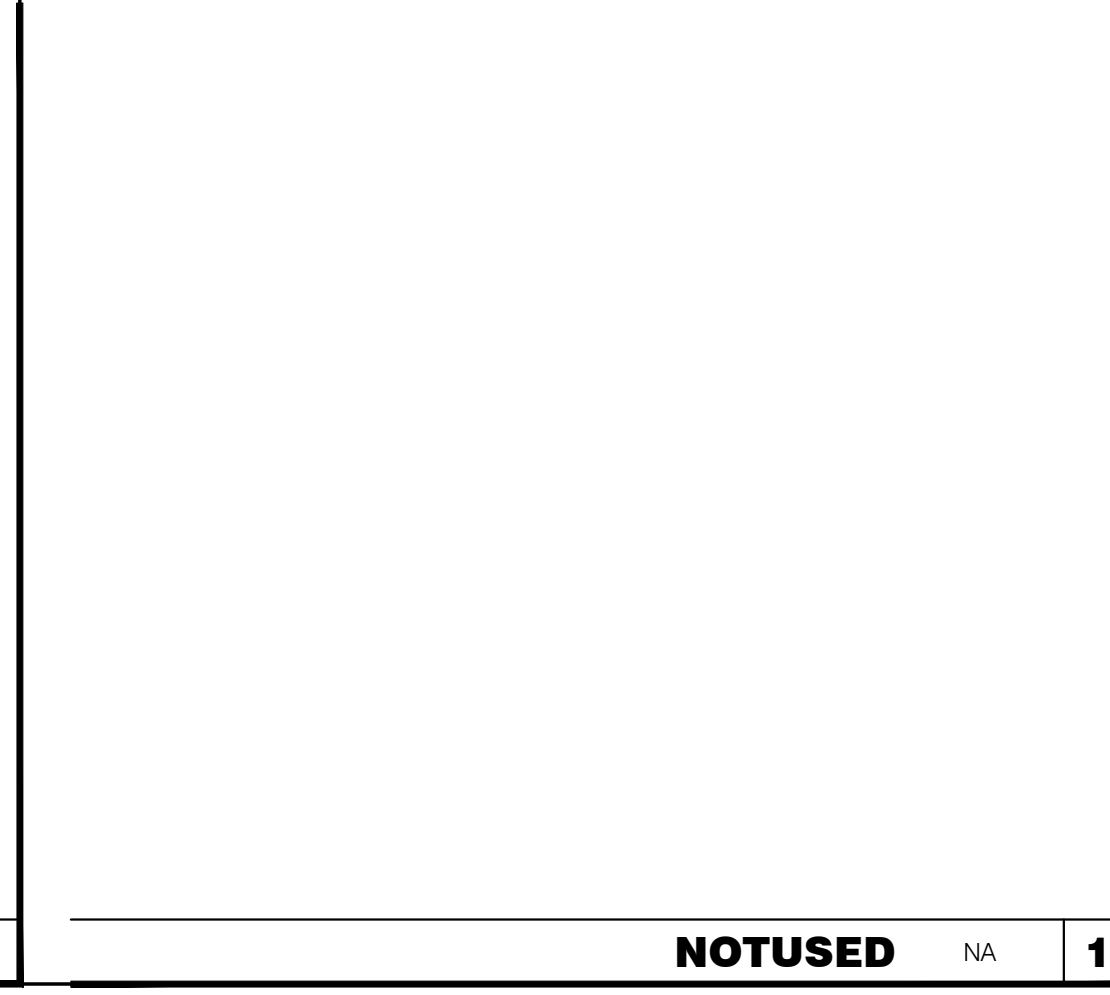
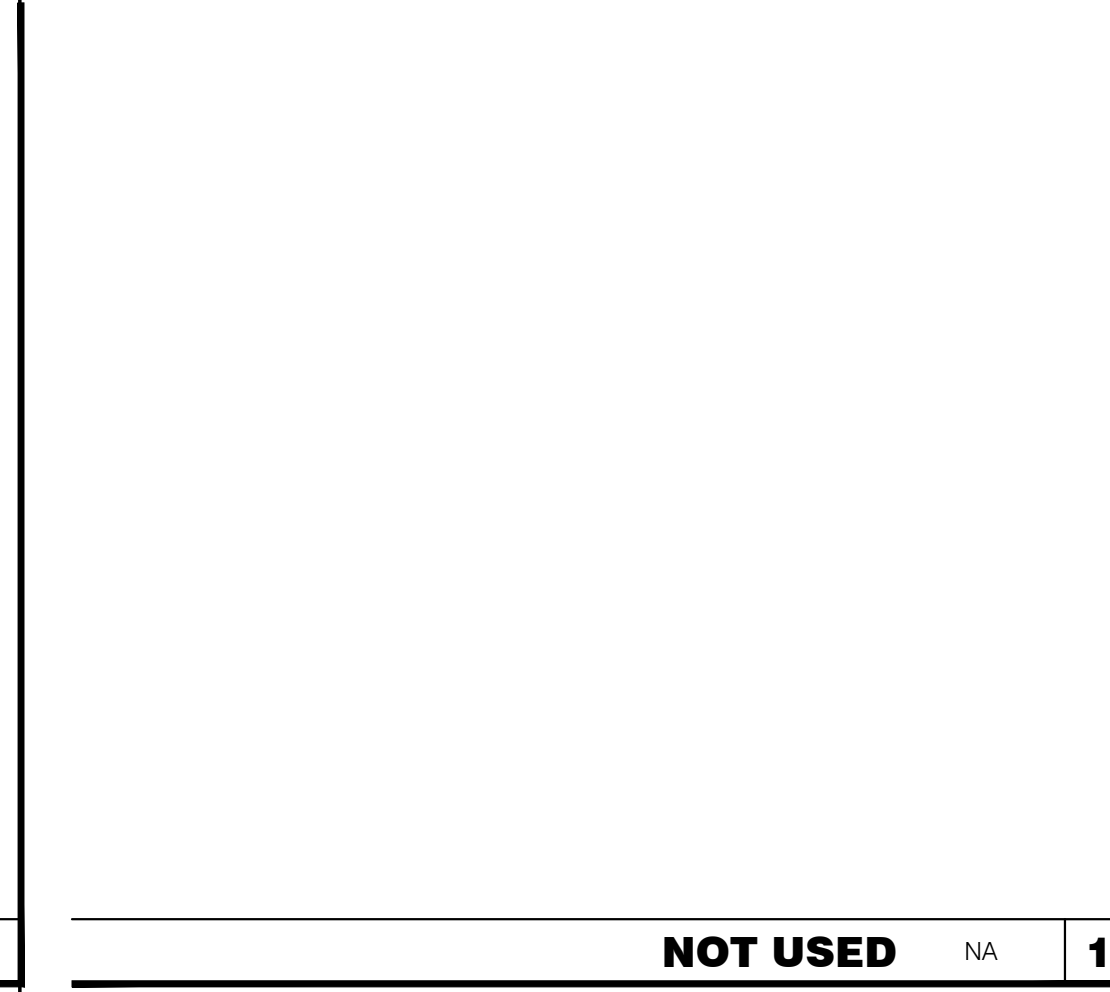
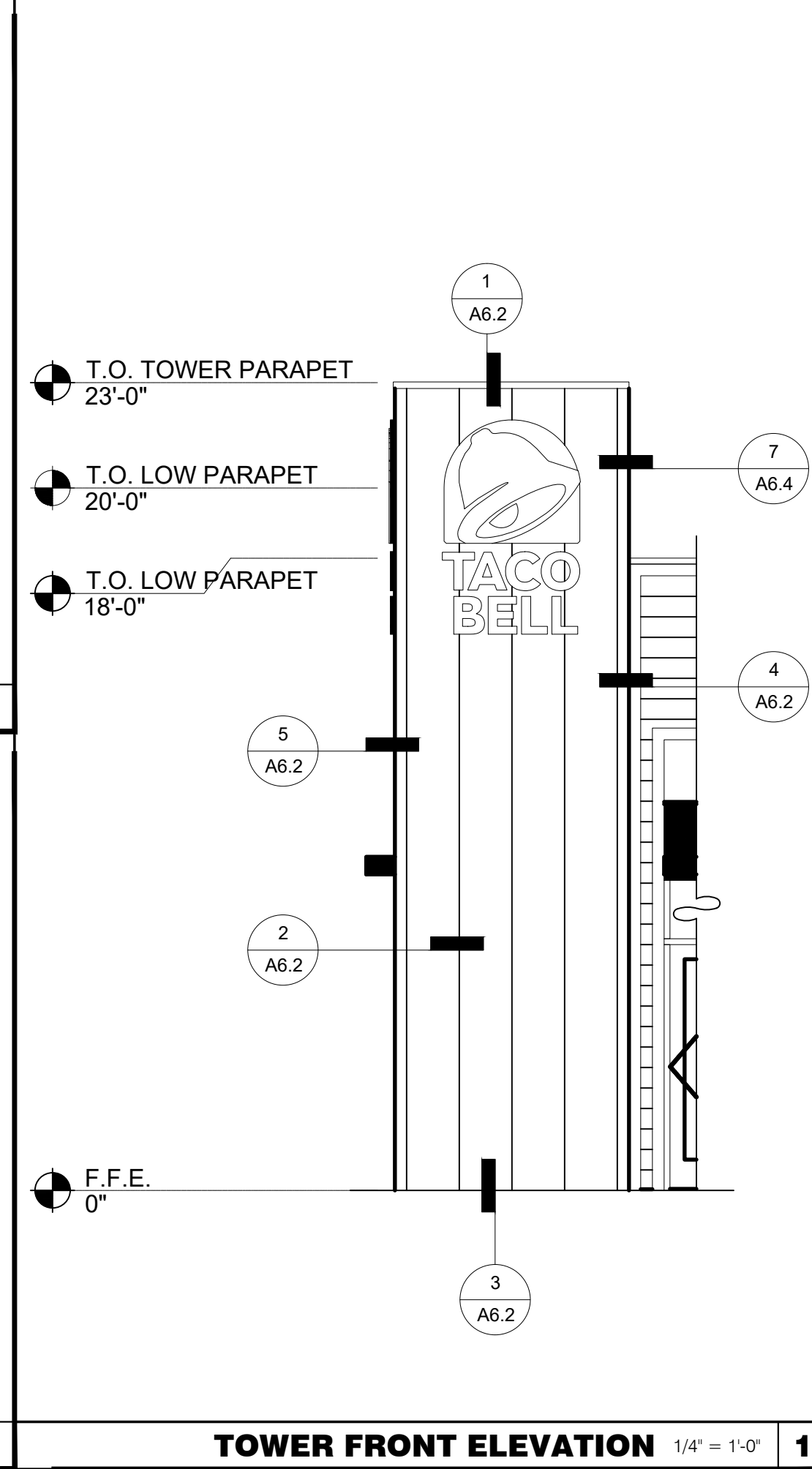
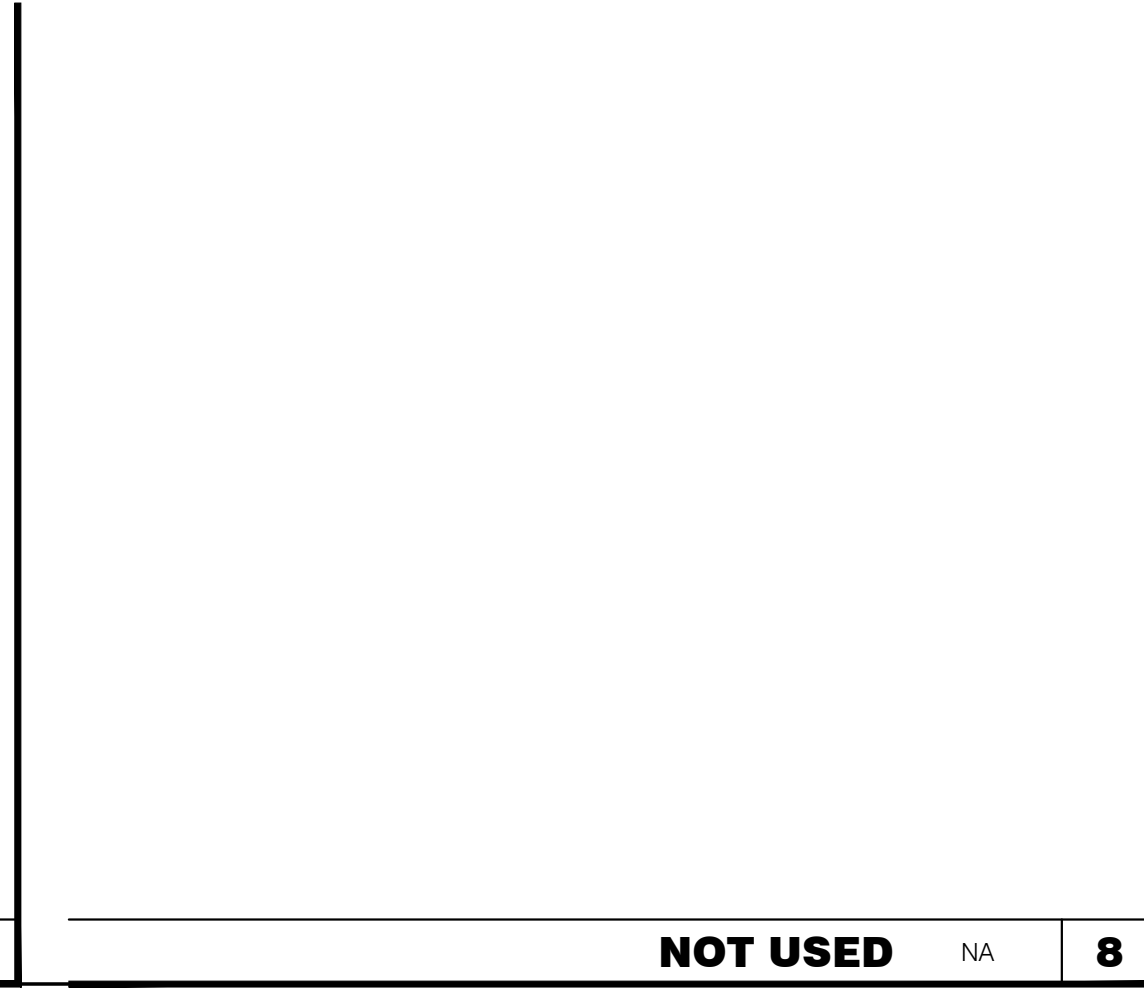
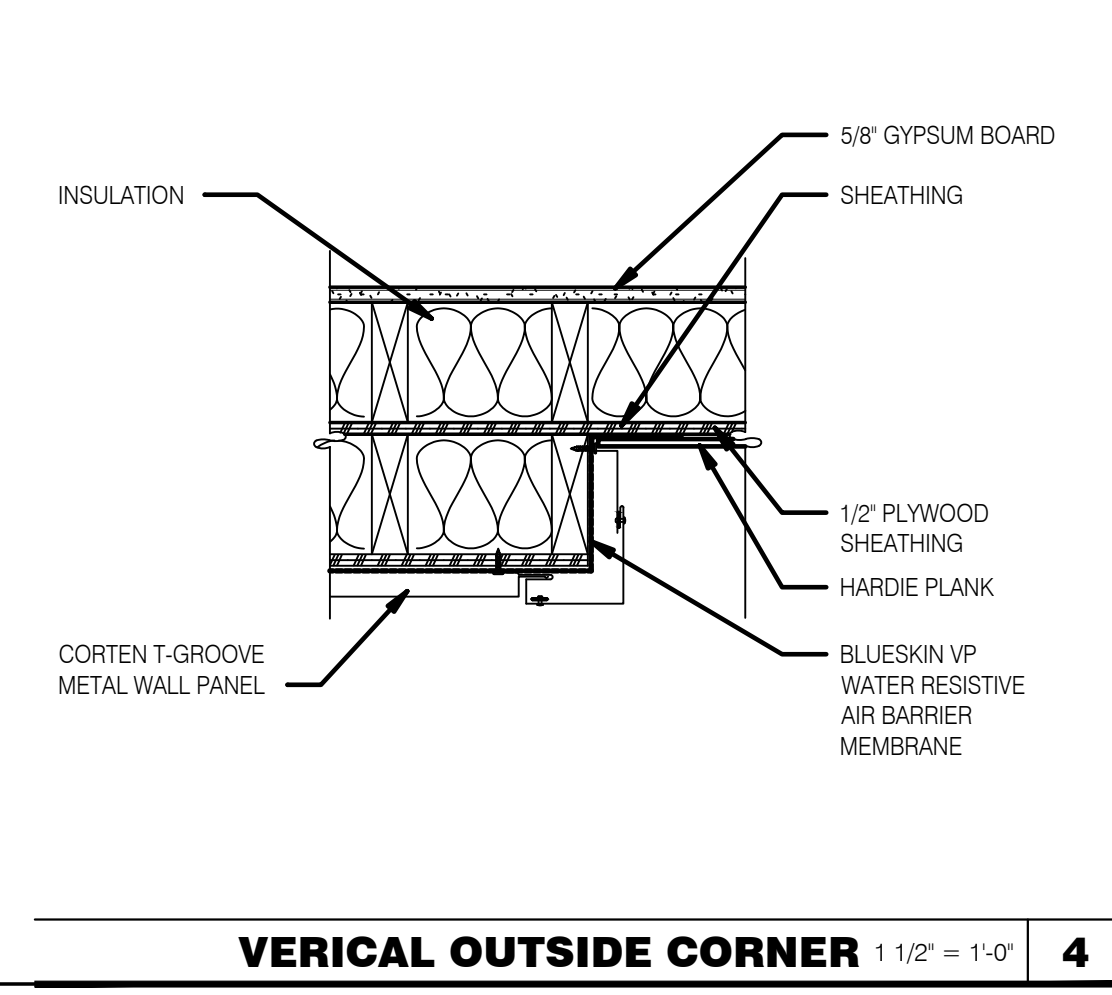
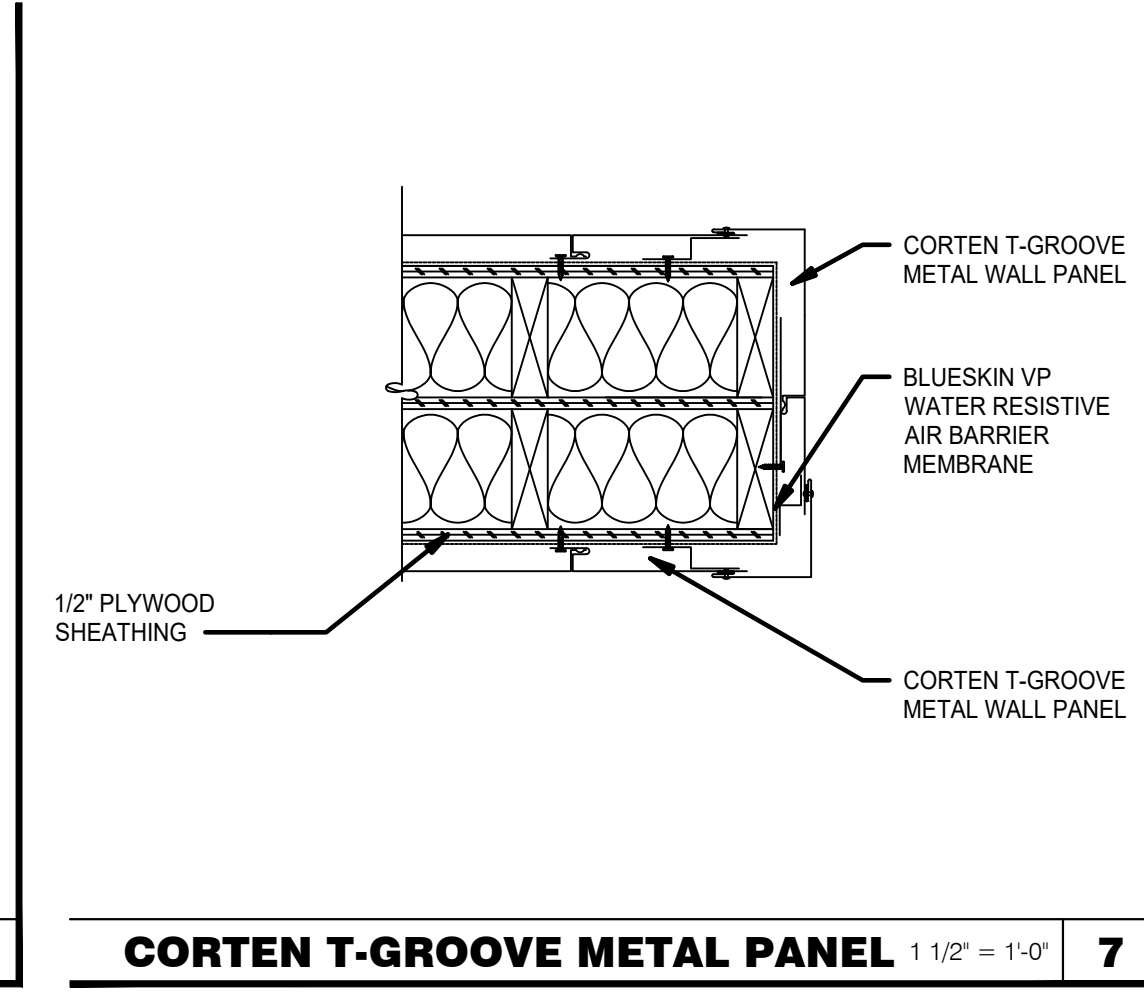
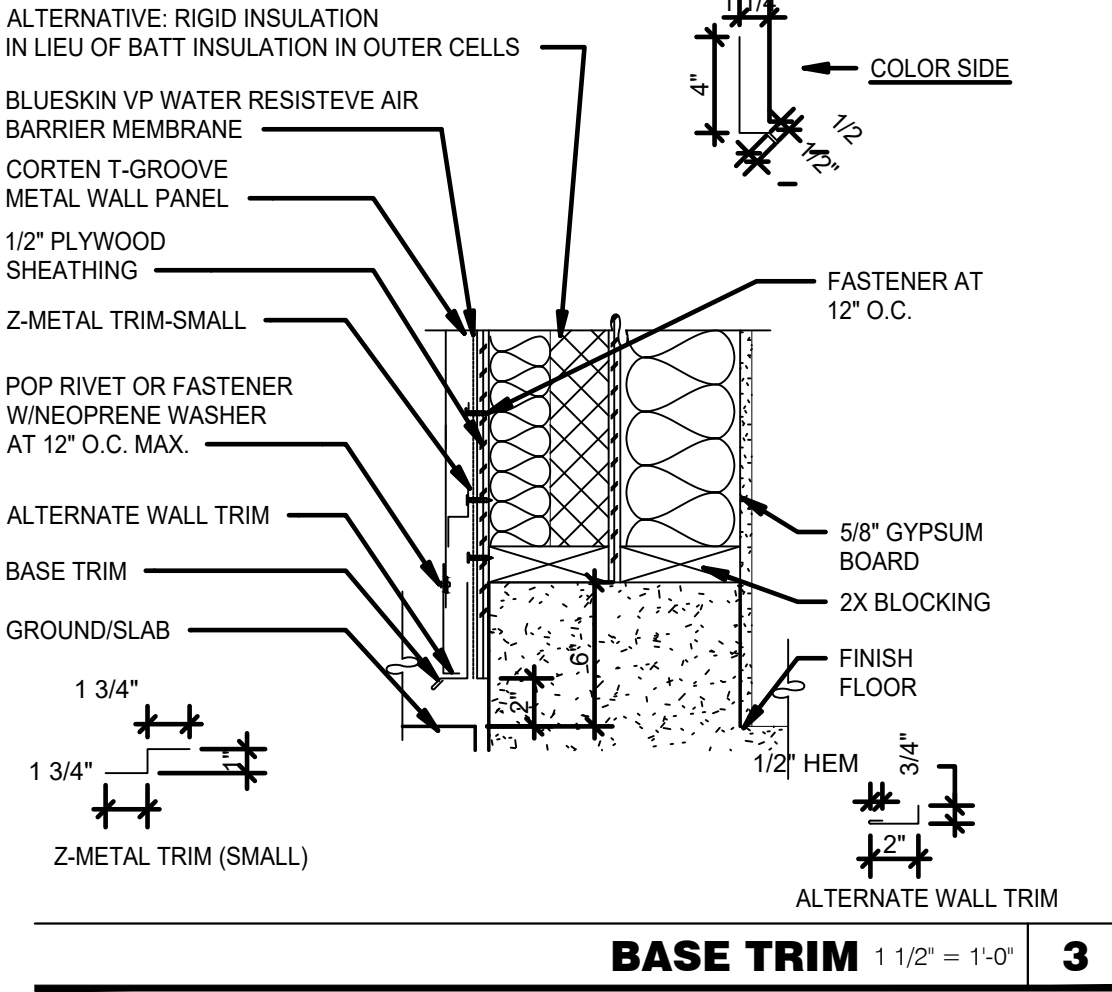
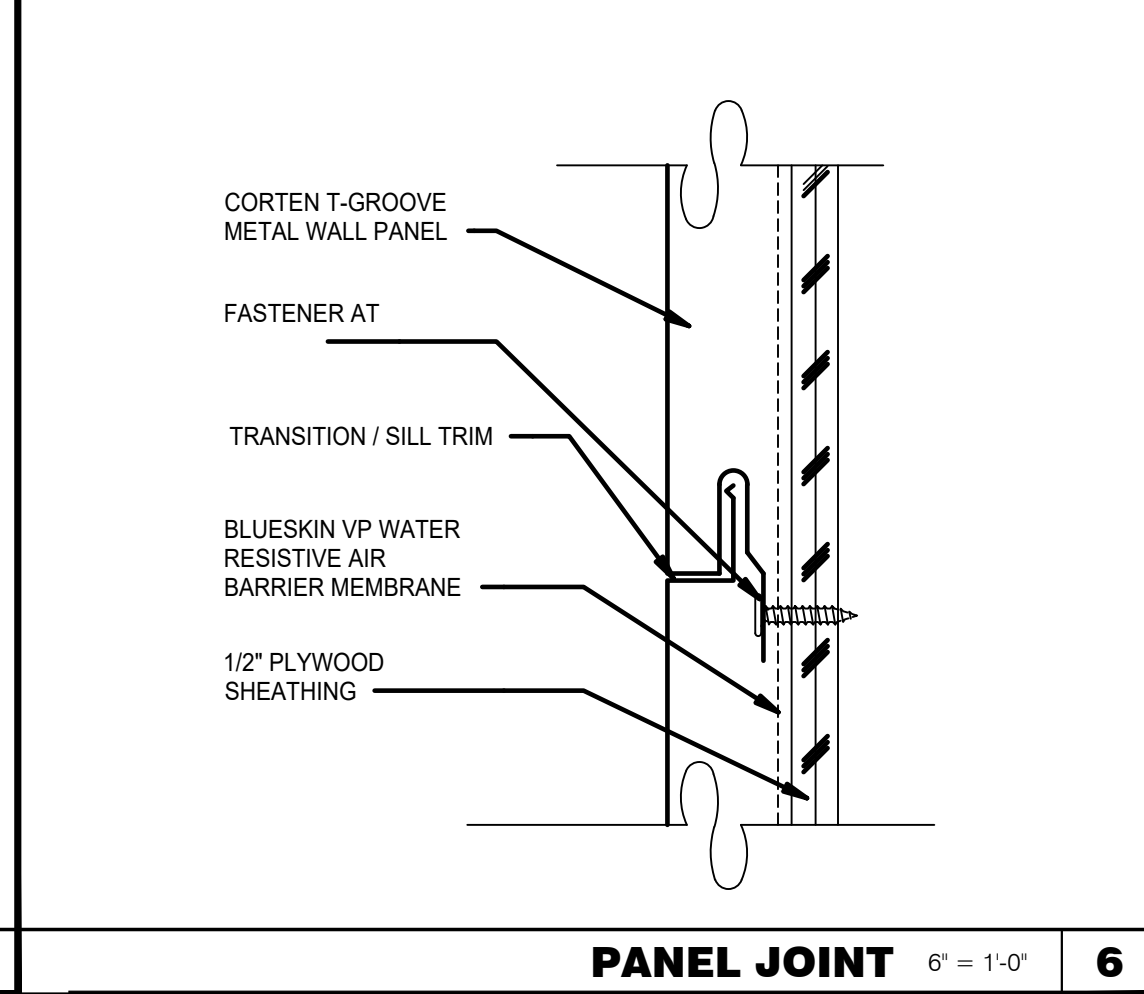
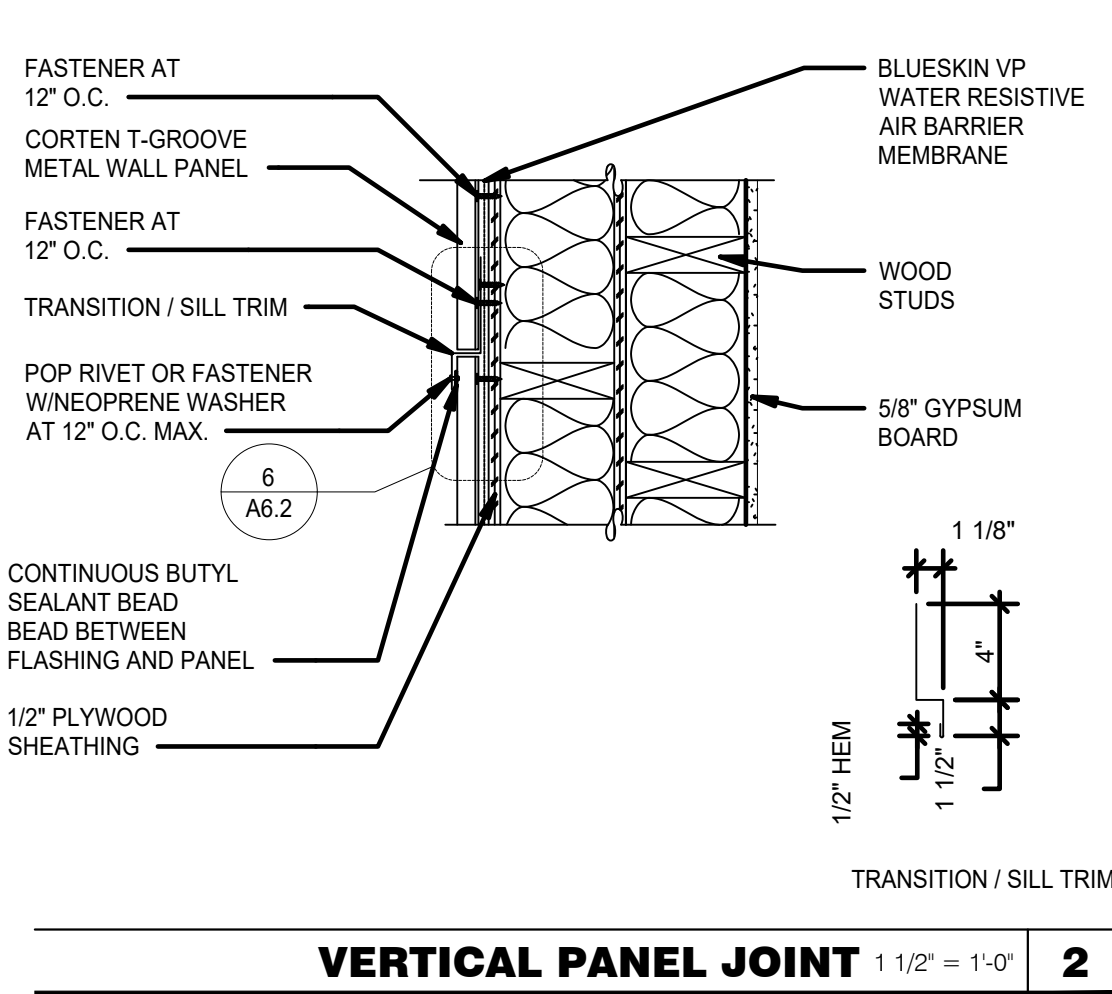
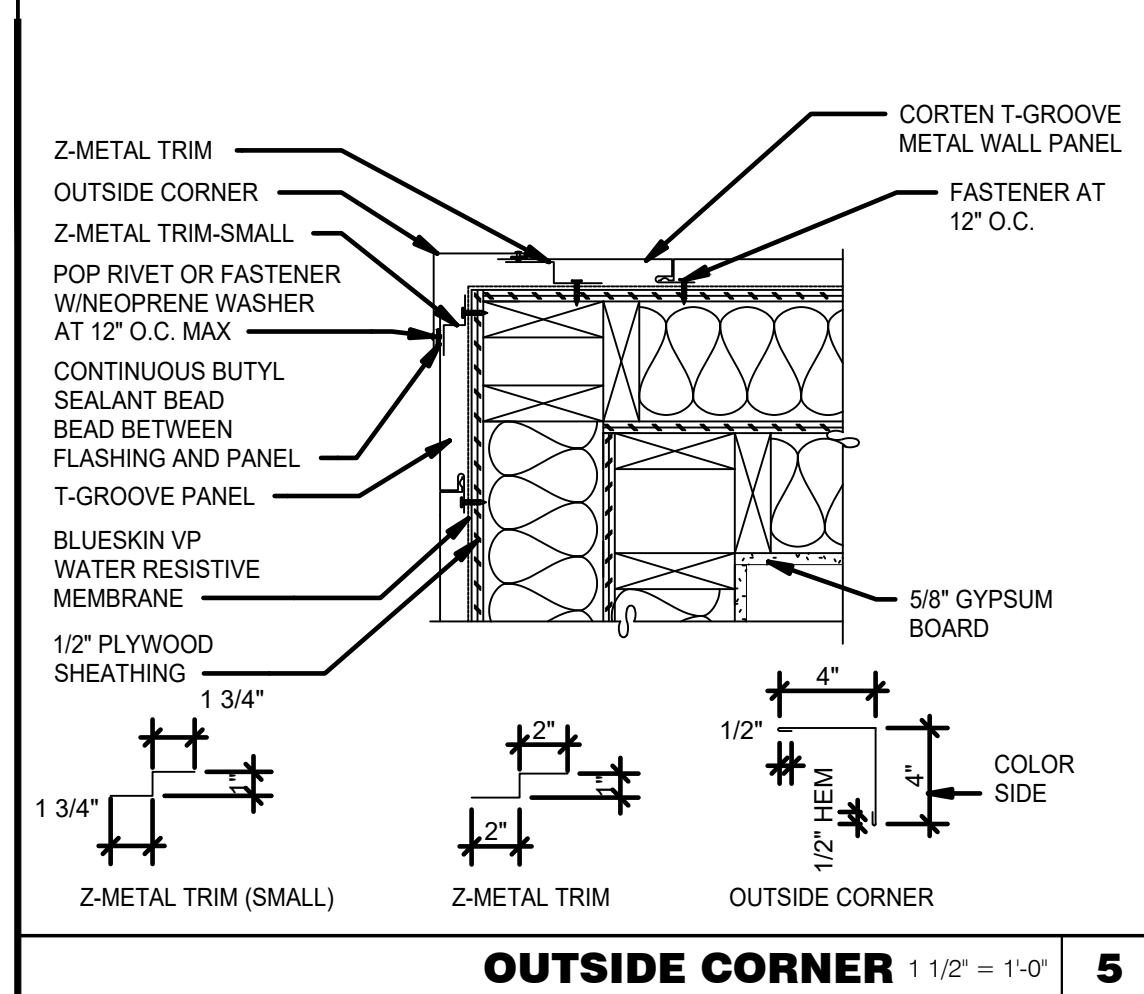
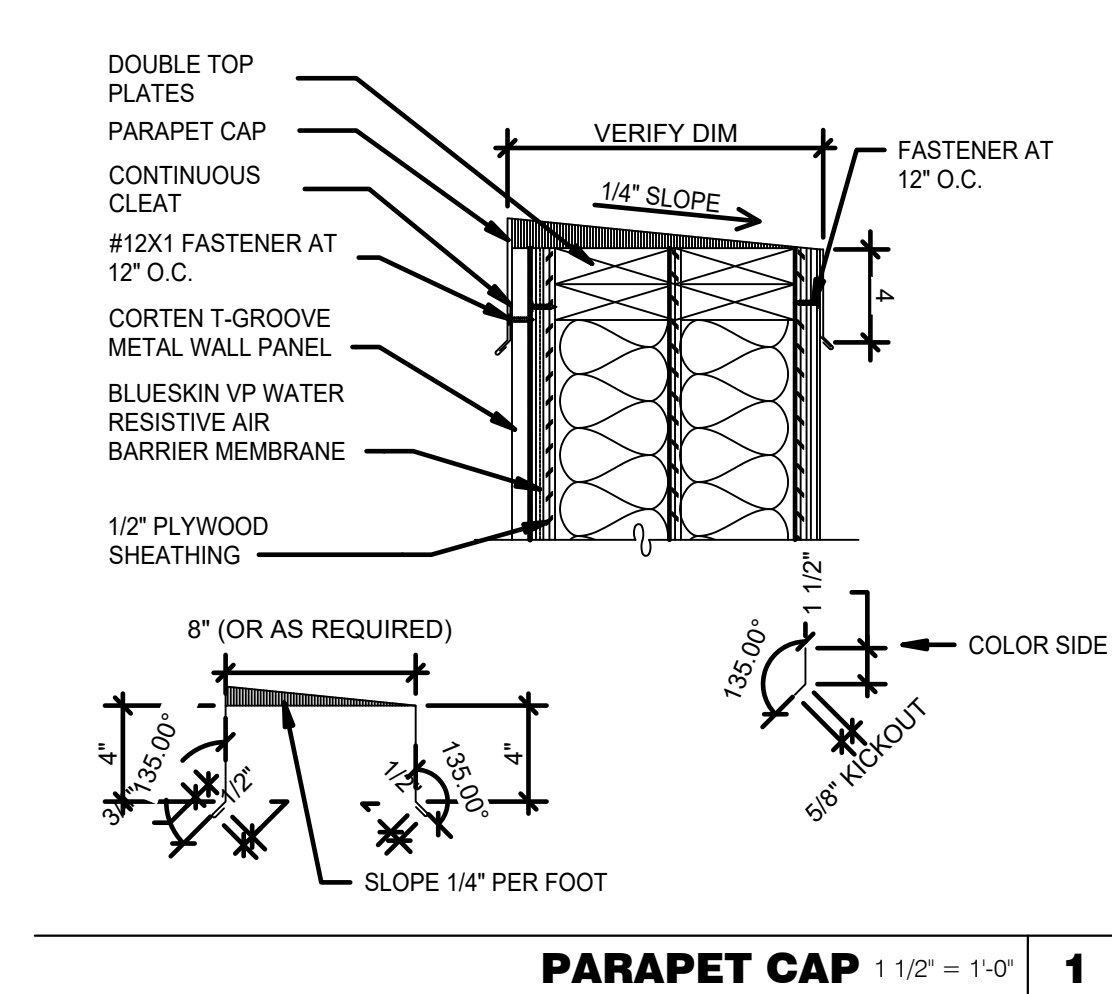
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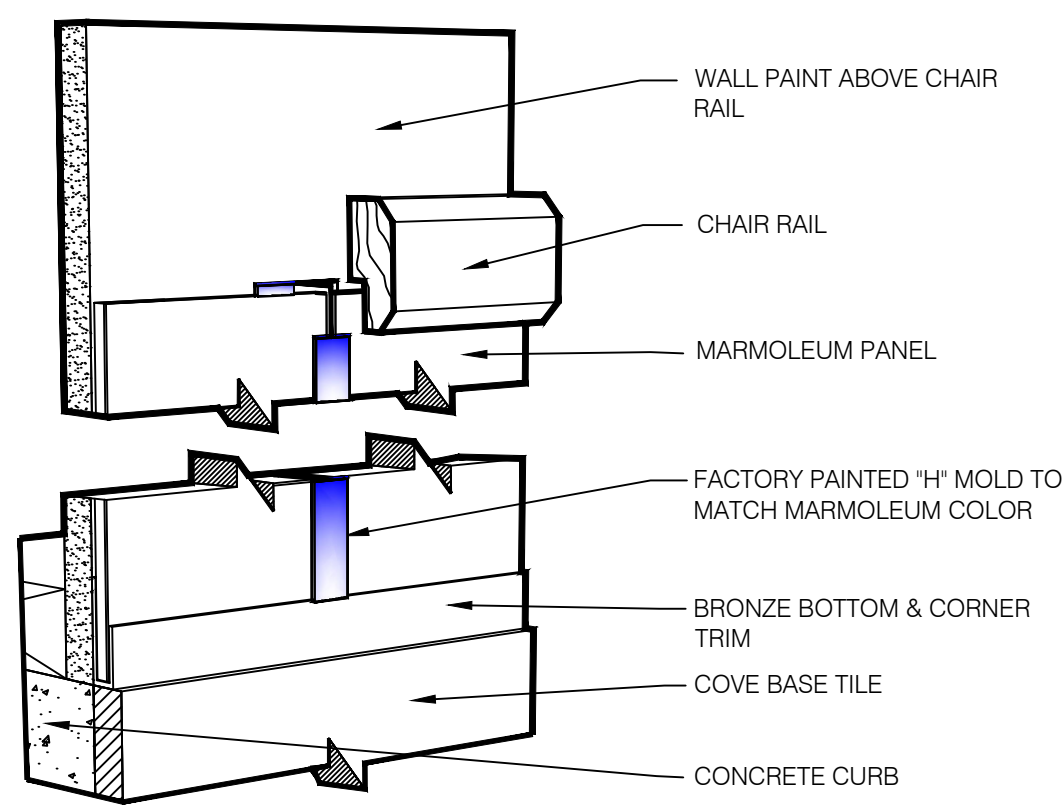


**CONSTRUCTION
 DETAILS
 WALL**

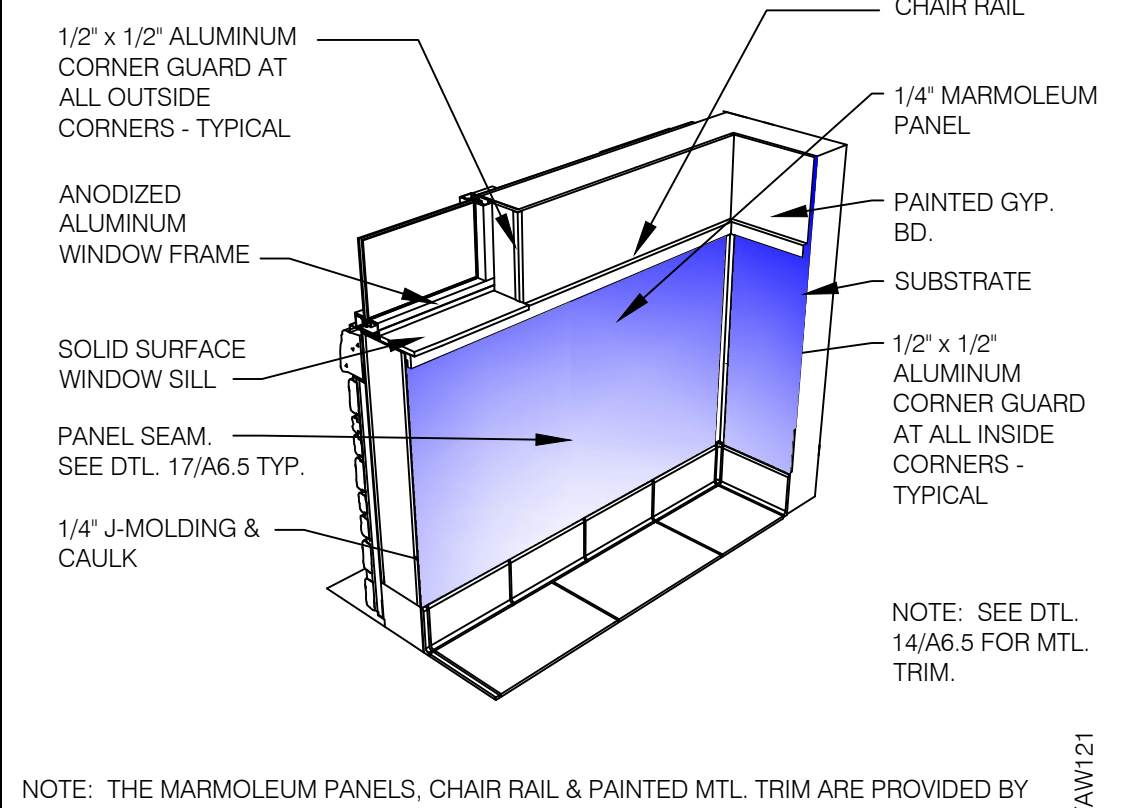
A6.2

PERMIT PLOT DATE:

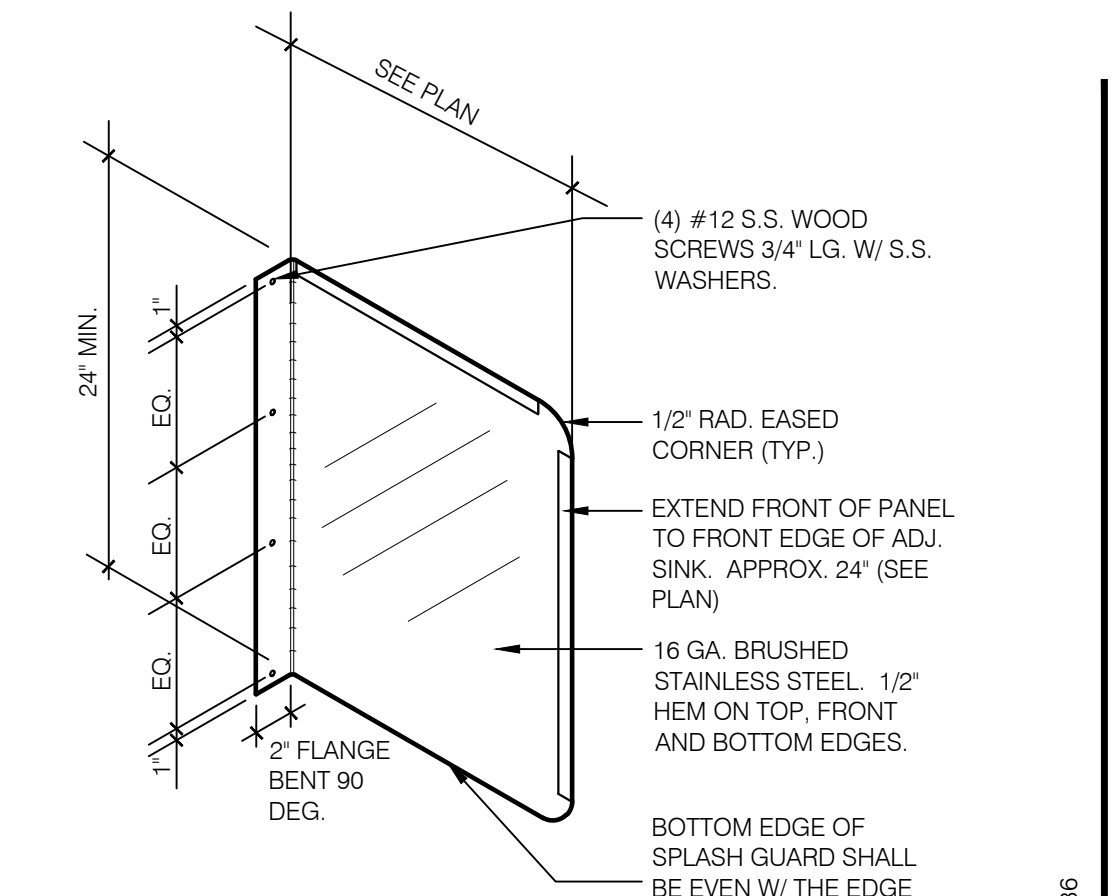




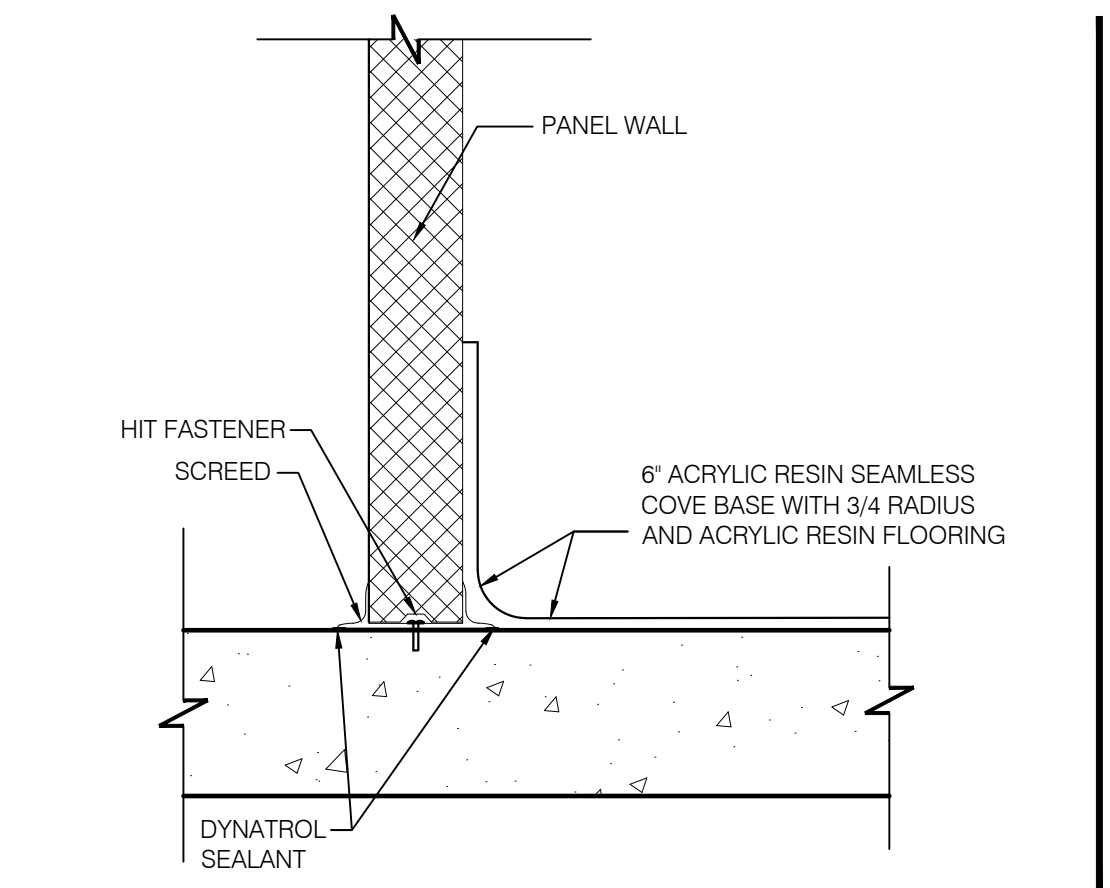
MARMOLEUM TRIM DETAIL N.T.S. **17**



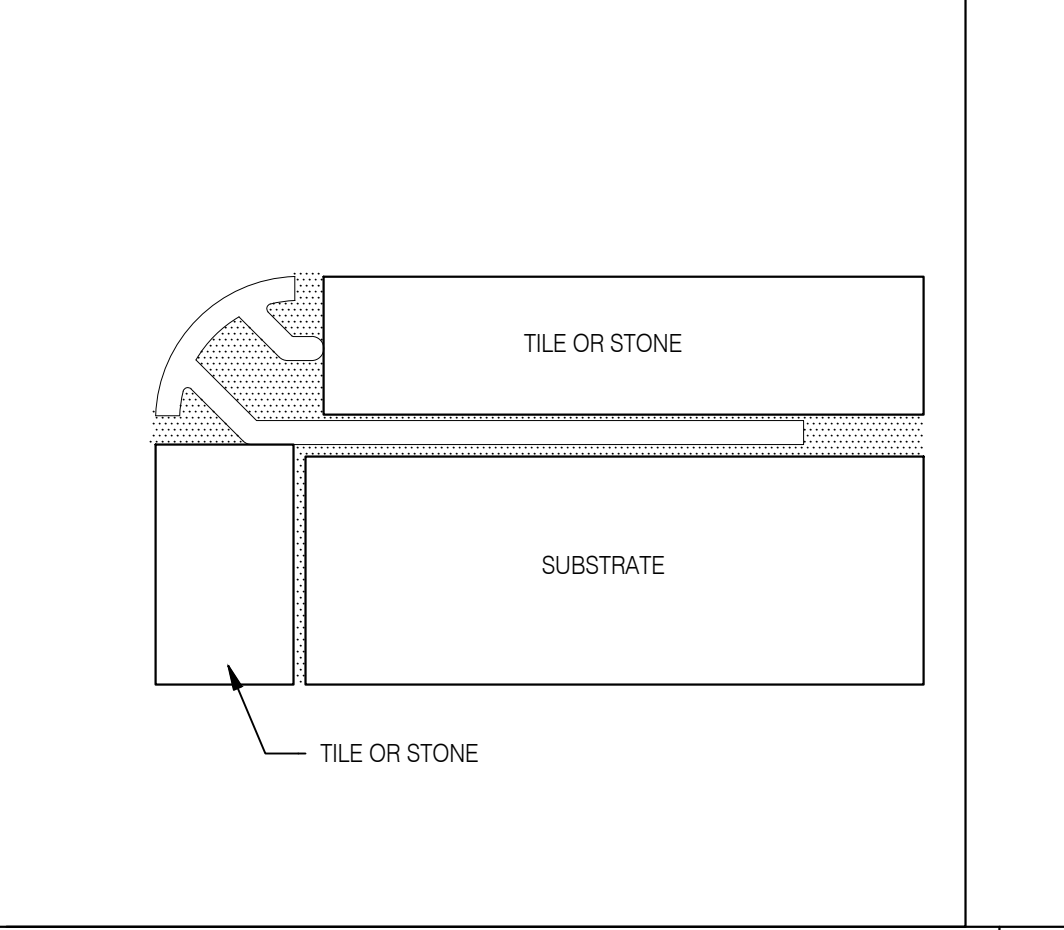
MARMOLEUM ATTACHMENT DETAIL N.T.S. **13**



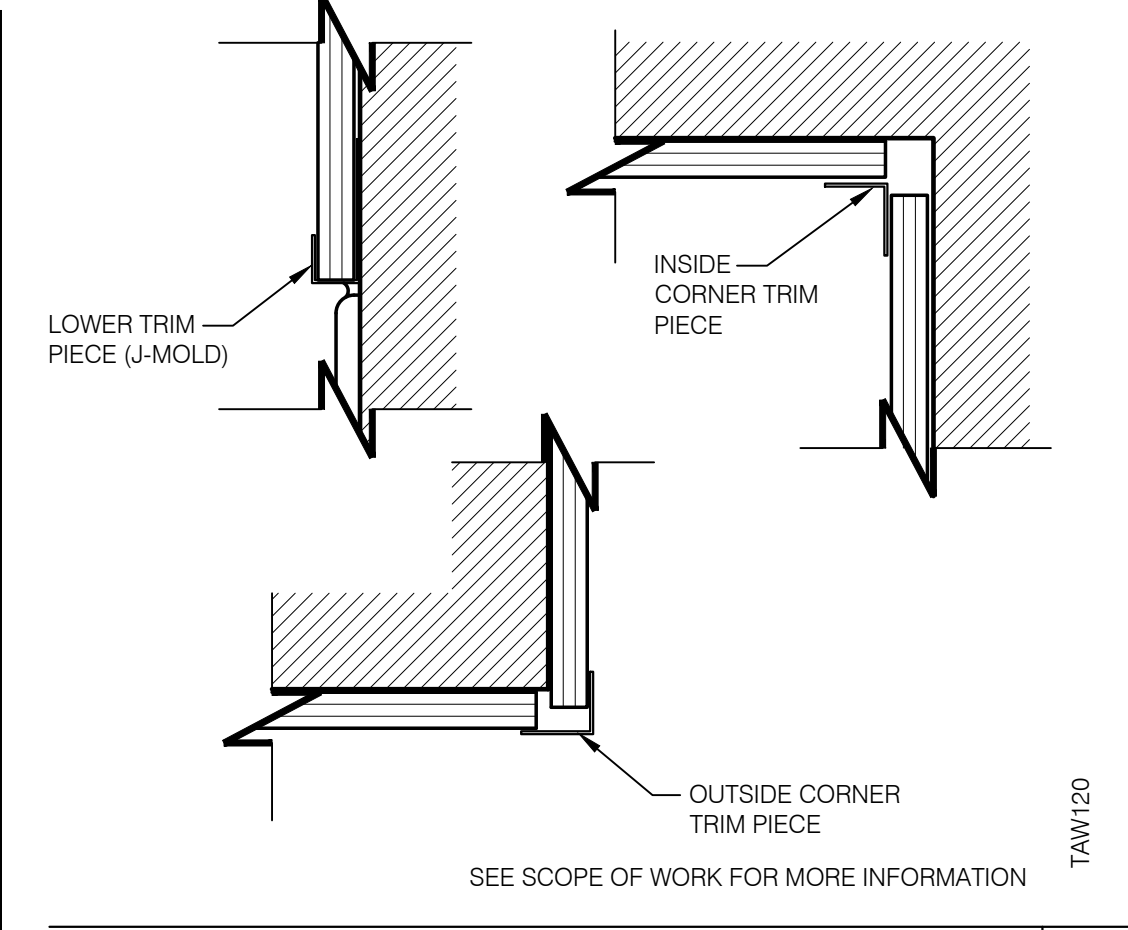
SPLASH GUARD 1" = 1'-0" **9**



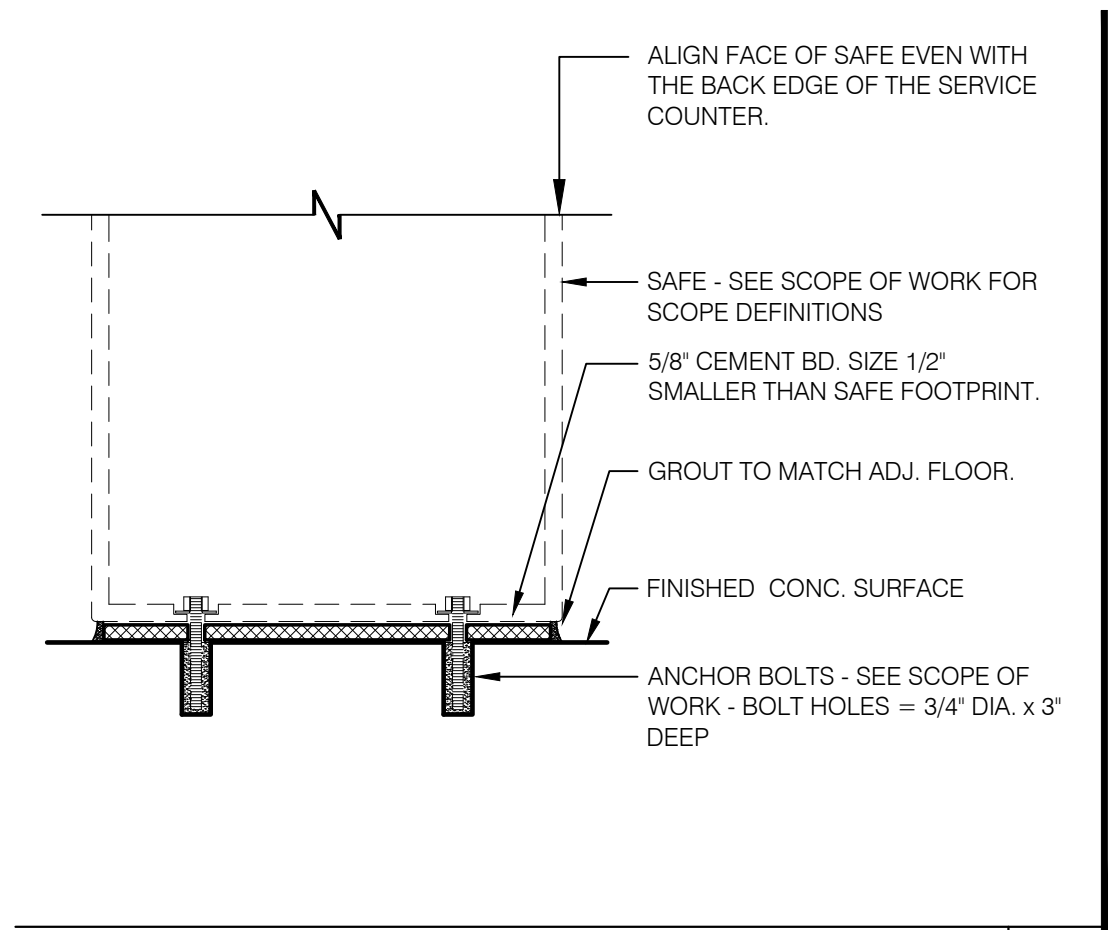
RESIN BASE @ WALK-IN 1-1/2" = 1'-0" **1**



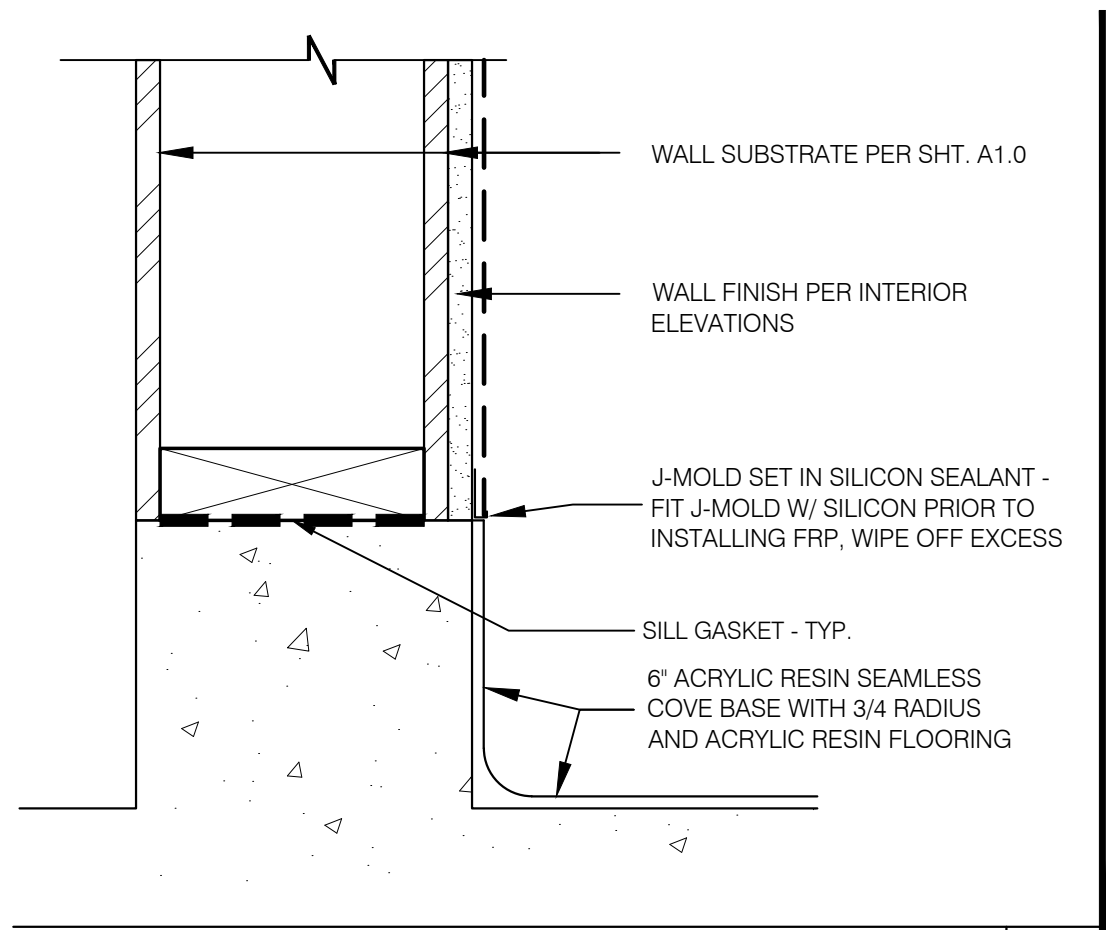
SCHLUTER CORNER GUARD N.T.S. **18**



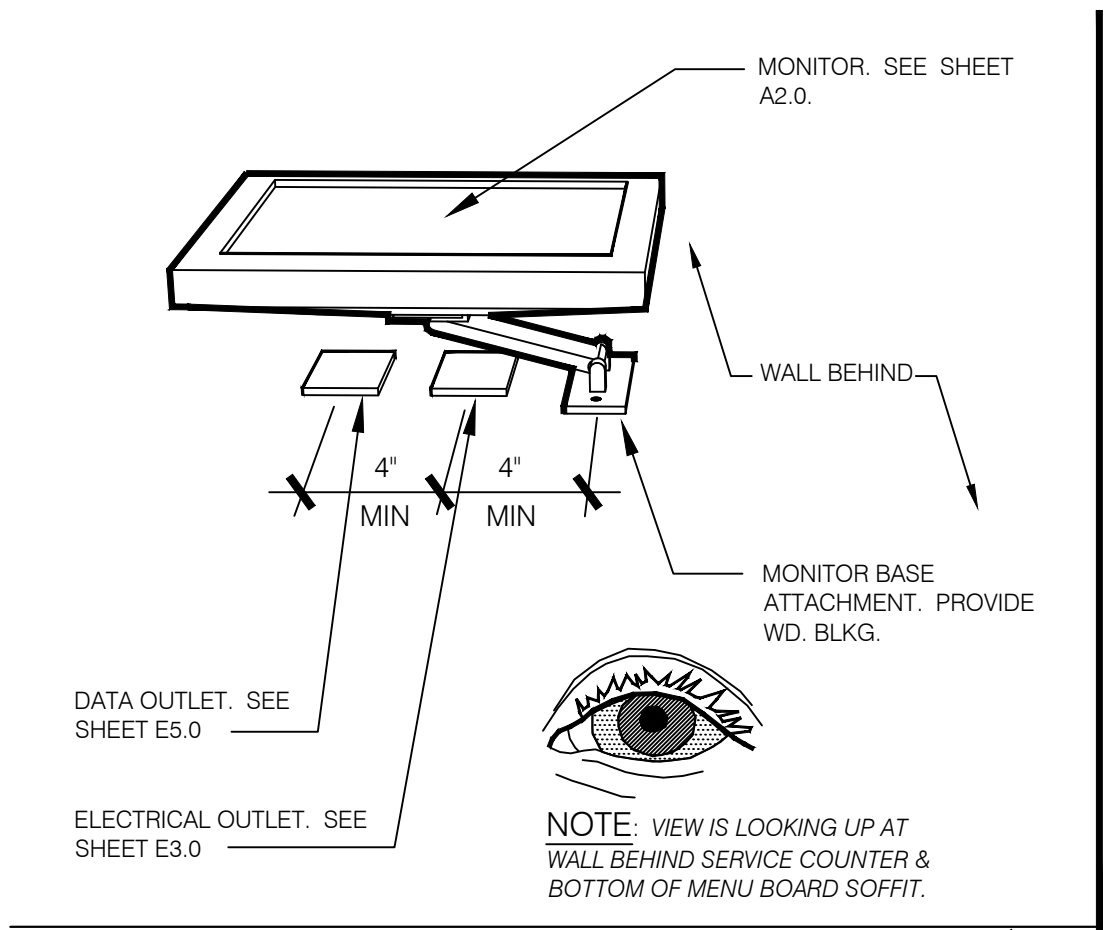
MARMOLEUM TRIM DETAILS 6" = 1'-0" **14**



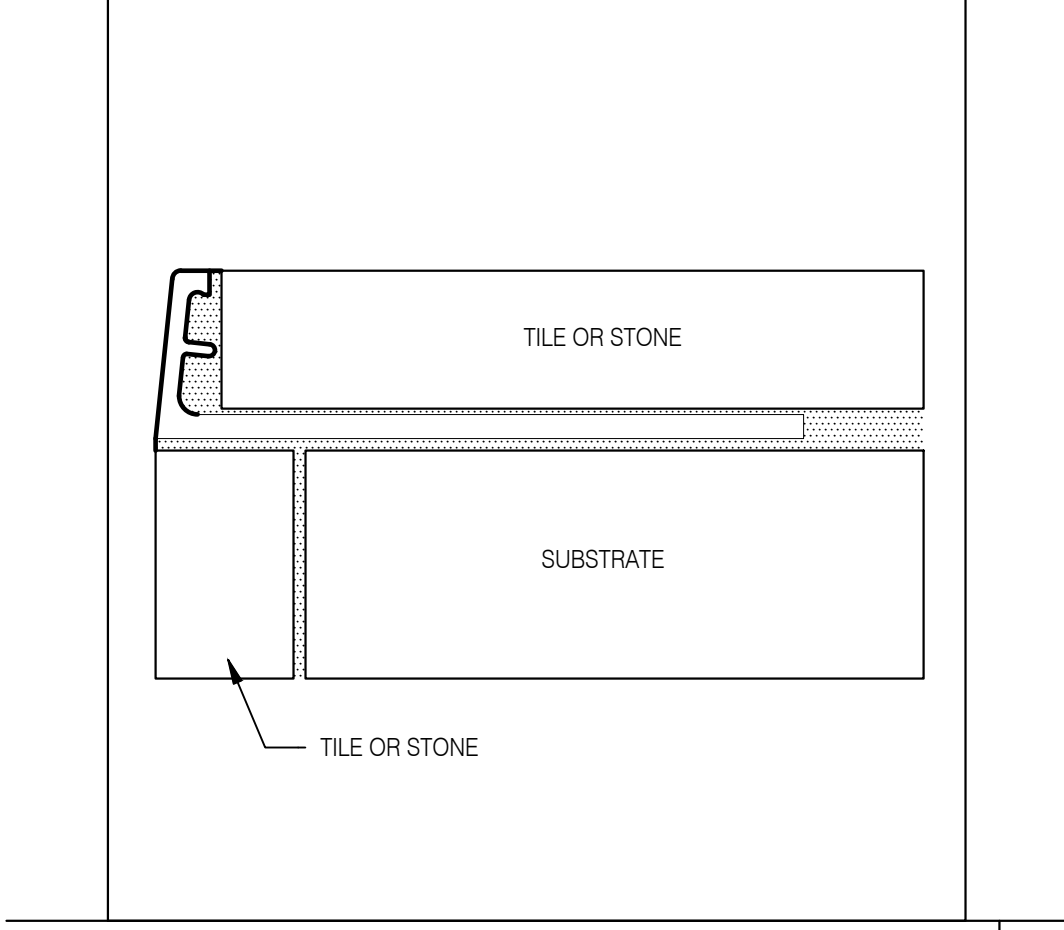
SAFE PEDESTAL 3" = 1'-0" **10**



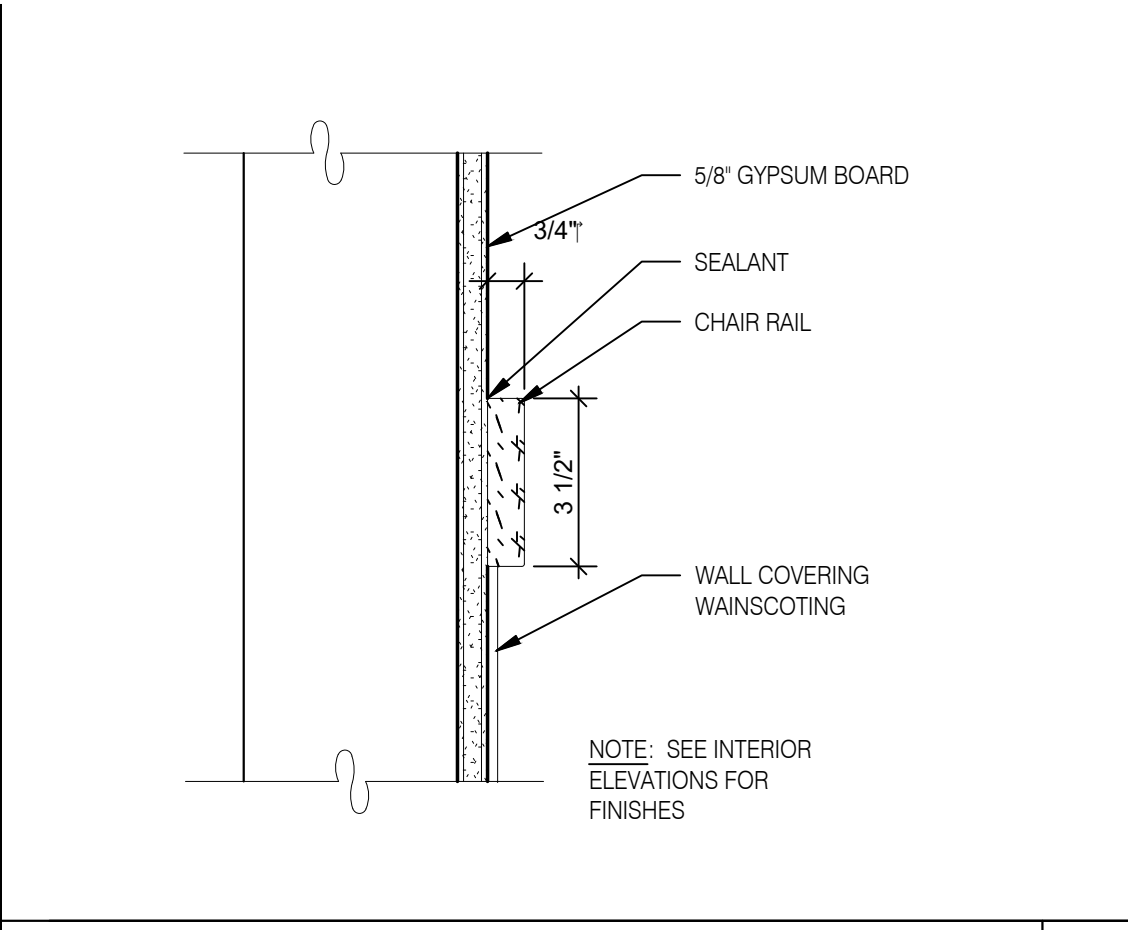
RESIN BASE @ EXT. WALL 3" = 1'-0" **6**



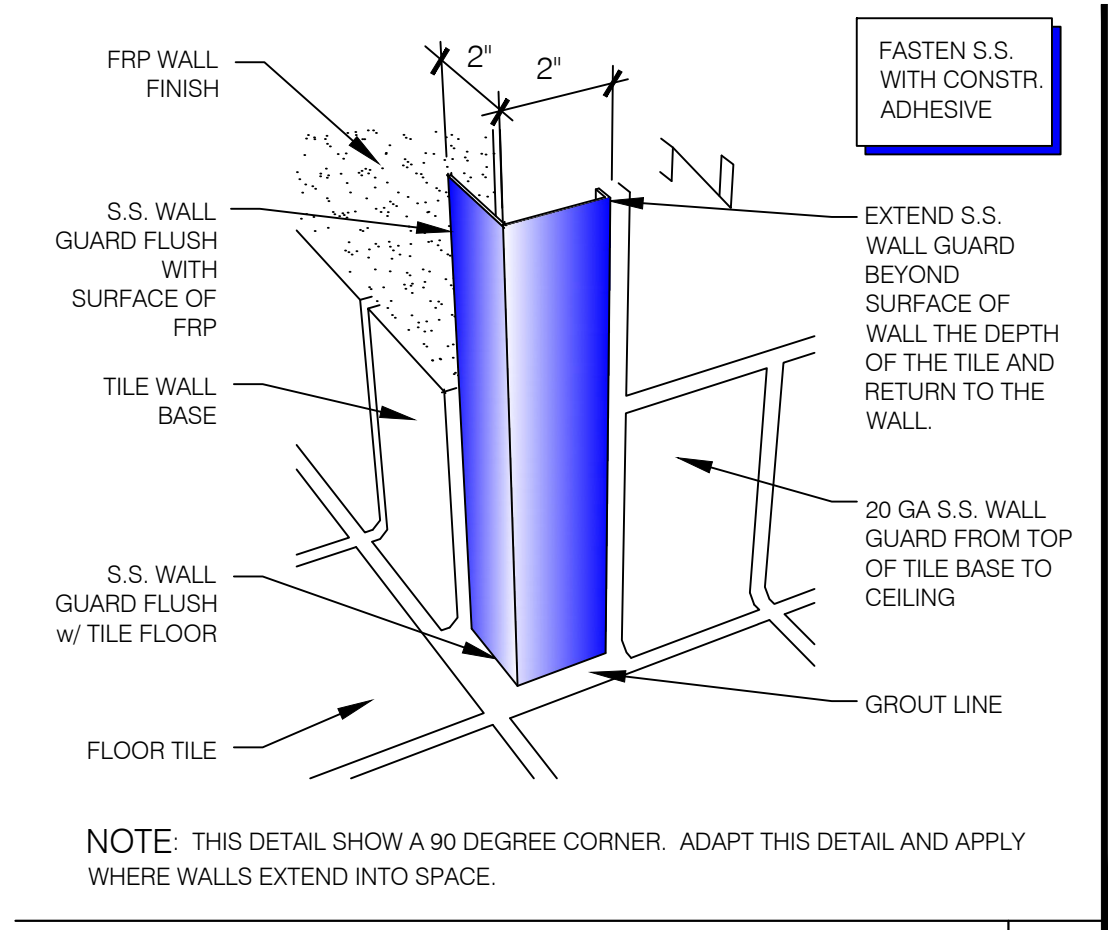
WALL MOUNT MONITOR N.T.S. **2**



SCHLUTER JOLLY CORNER GUARD N.T.S. **19**



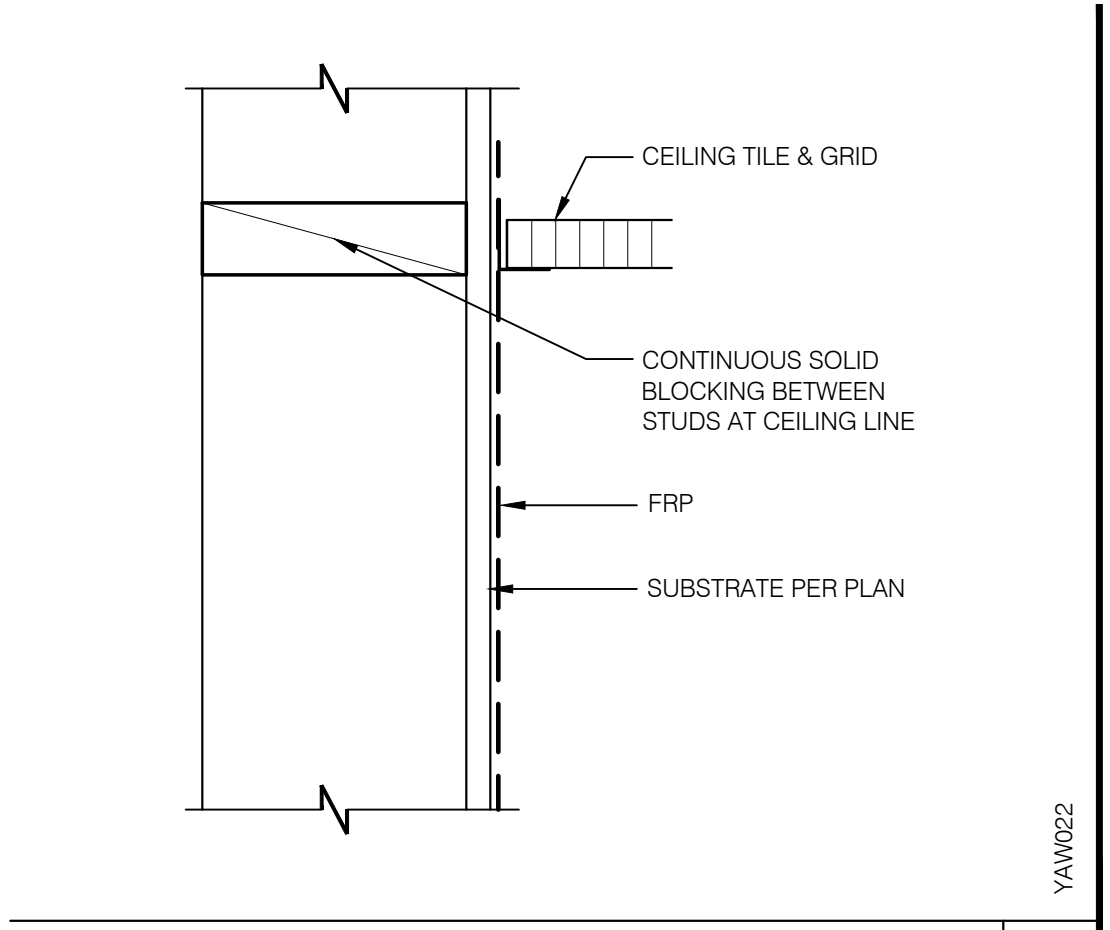
CHAIR RAIL DETAIL 3" = 1'-0" **15**



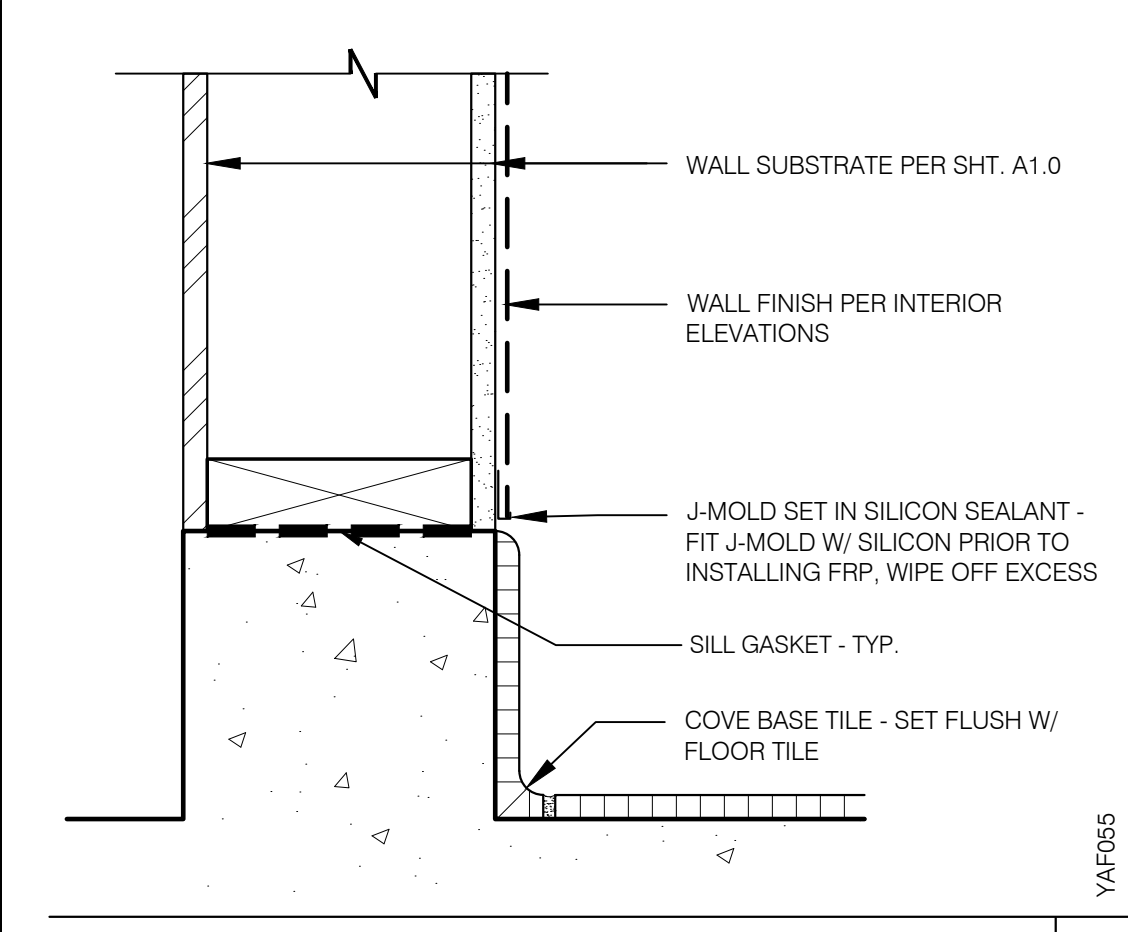
S.S. CORNER & END WALL GUARD N.T.S. **11**



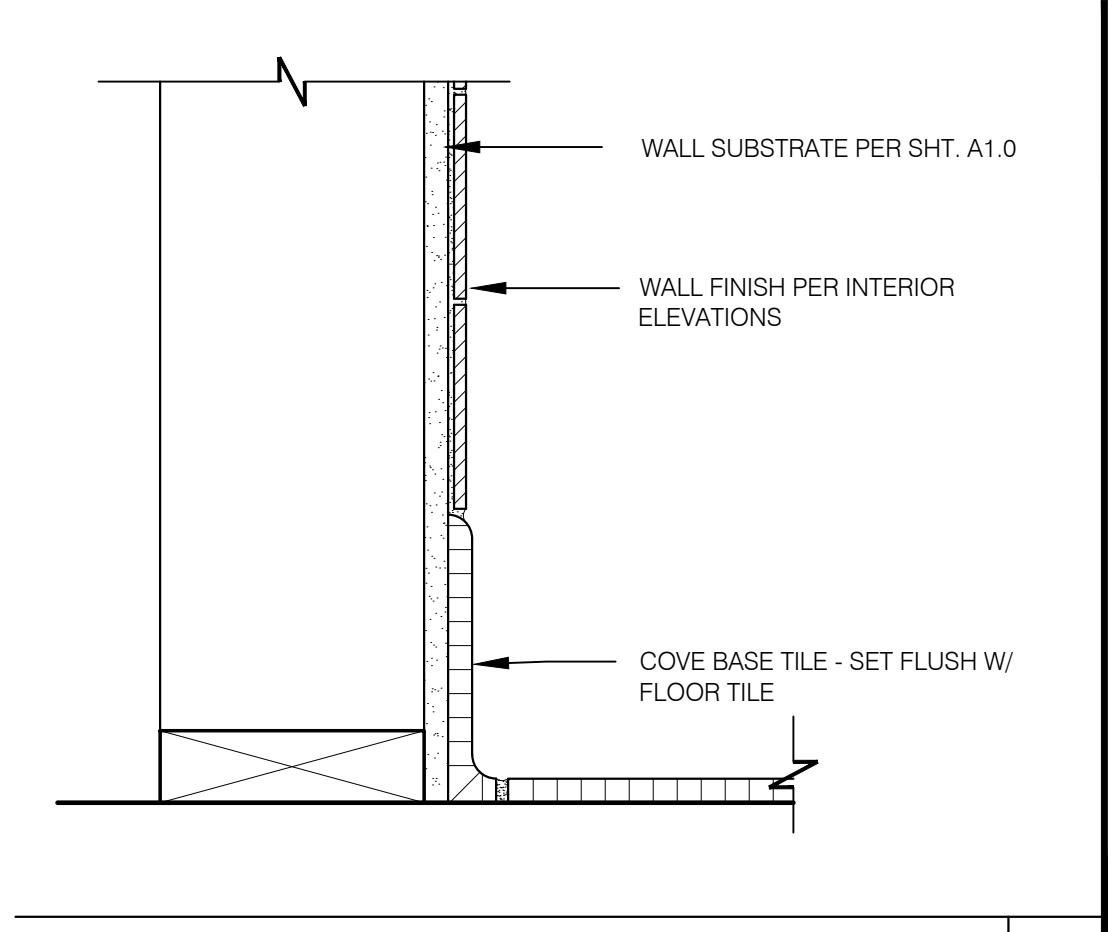
NOT USED N/A **7**



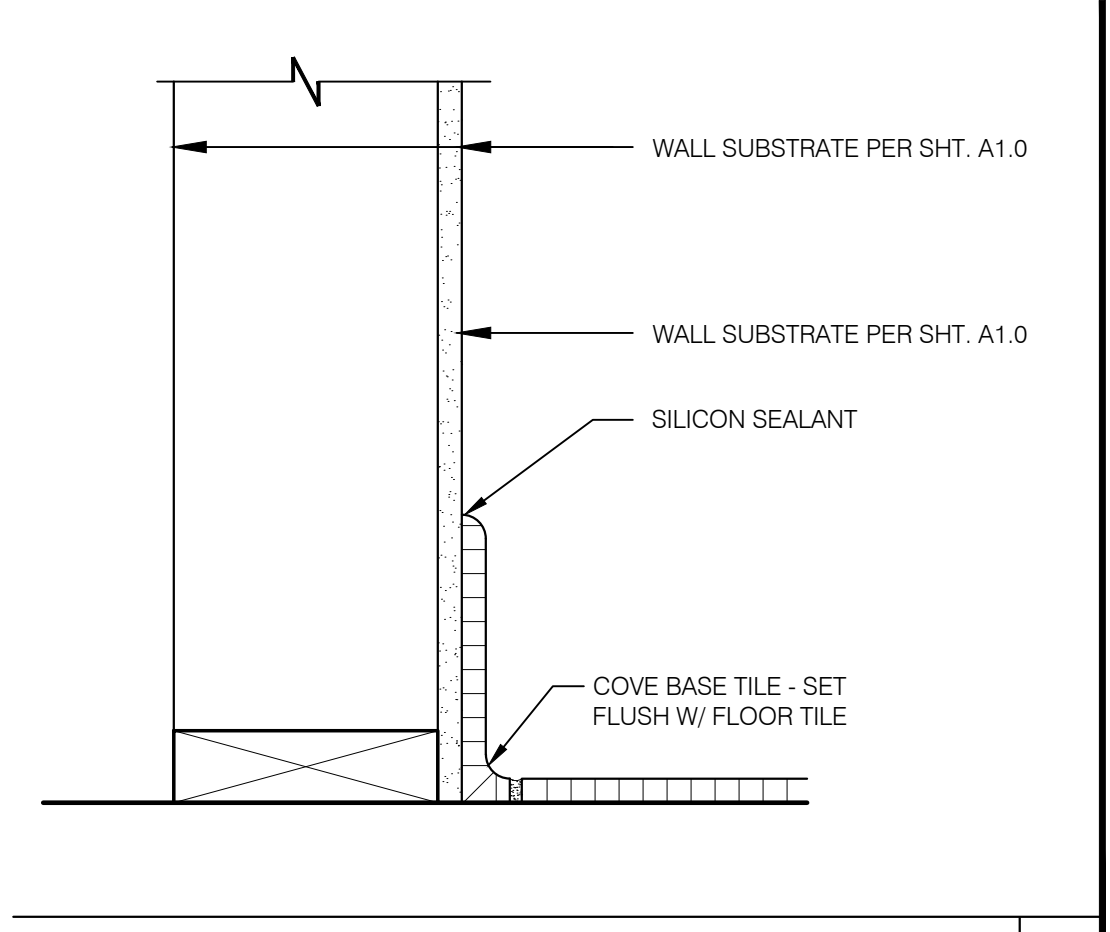
KITCHEN FINISH @ CEILING 3" = 1'-0" **3**



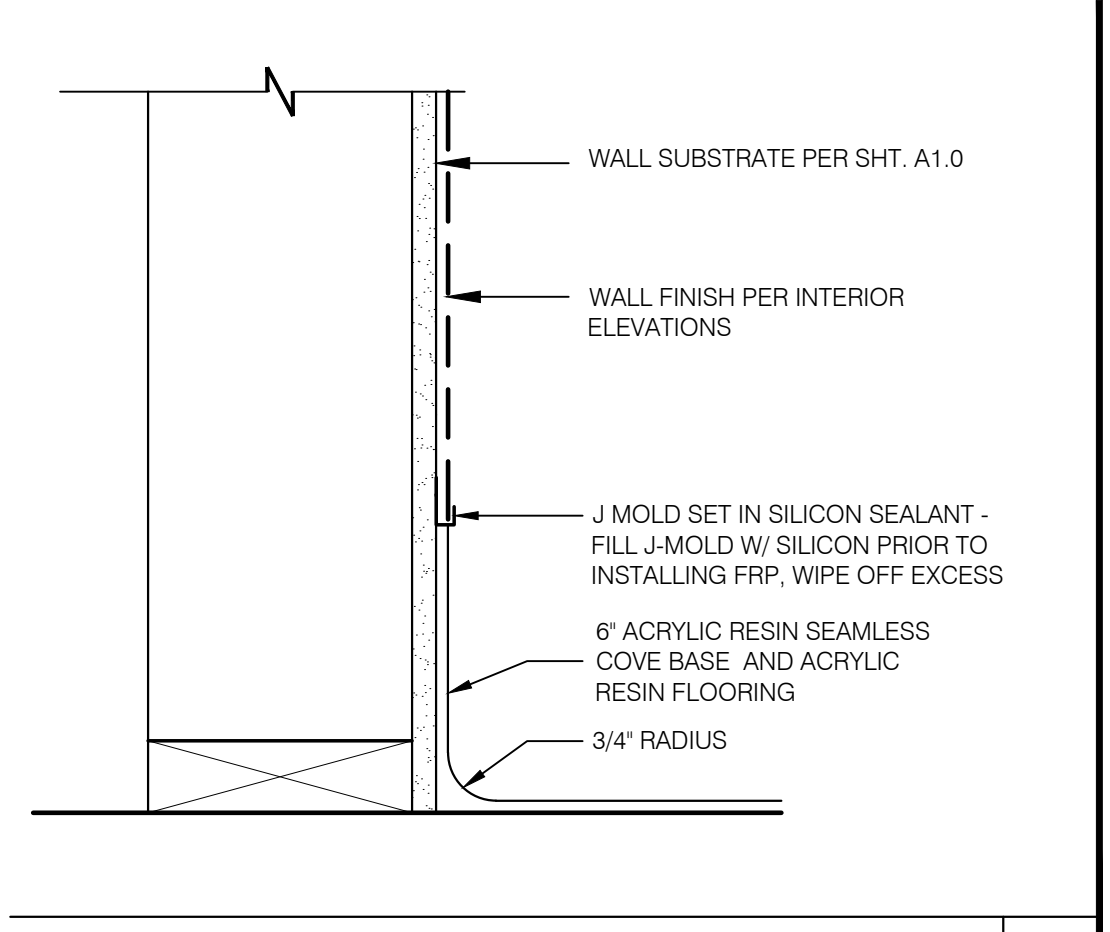
BASE @ DINING EXT. SIDE WALLS 3" = 1'-0" **16**



BASE IN RESTROOM 3" = 1'-0" **12**



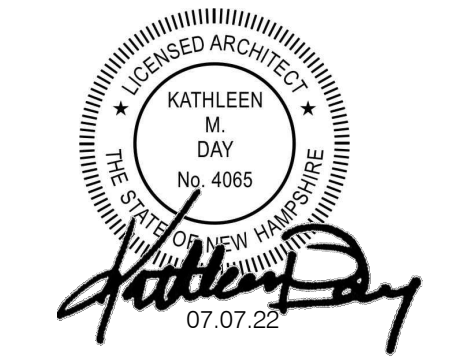
BASE @ DINING ROOM INT. WALL 3" = 1'-0" **8**



RESIN BASE @ INT. WALL 3" = 1'-0" **4**

NOT USED N.T.S. **20**

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617.331.2545
kathleendayarchitect@gmail.com



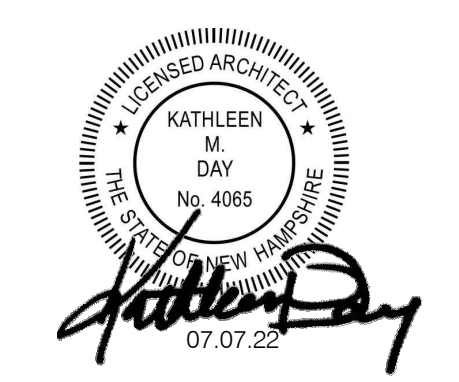
CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

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Manchester, New Hampshire 03104



FINISH DETAILS
A6.3

PERMIT PLOT DATE:



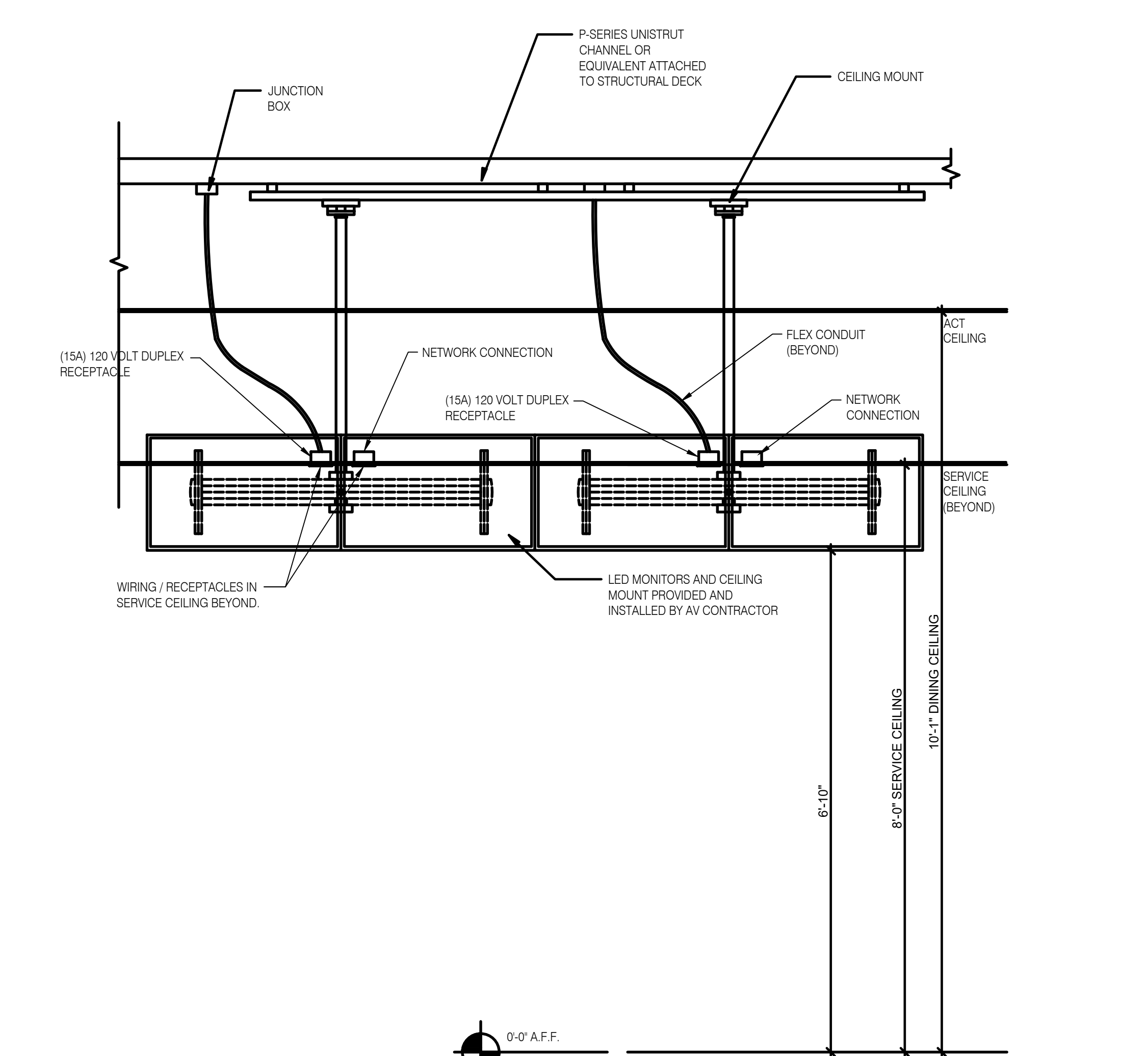
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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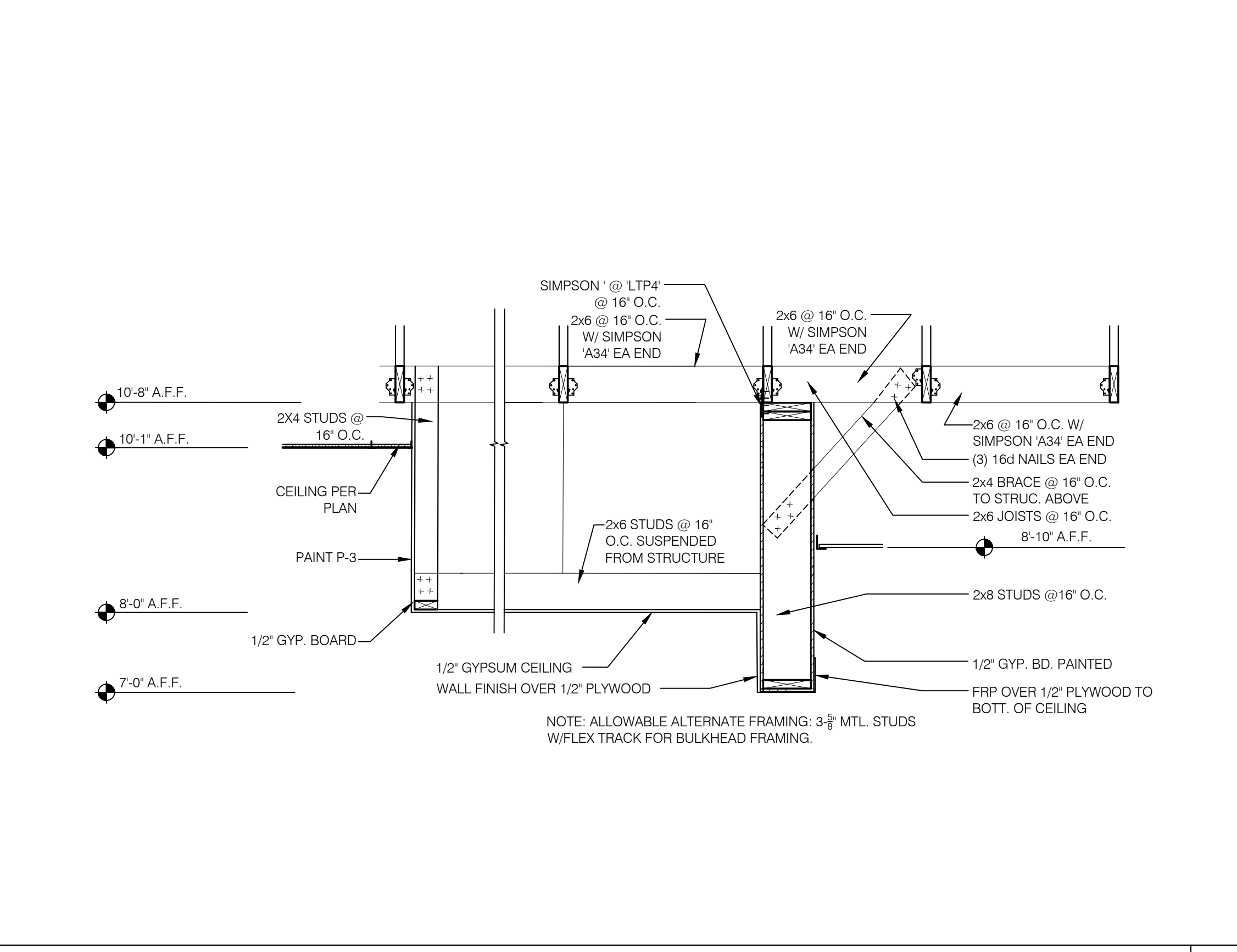


CONSTRUCTION DETAILS INTERIOR A6.4

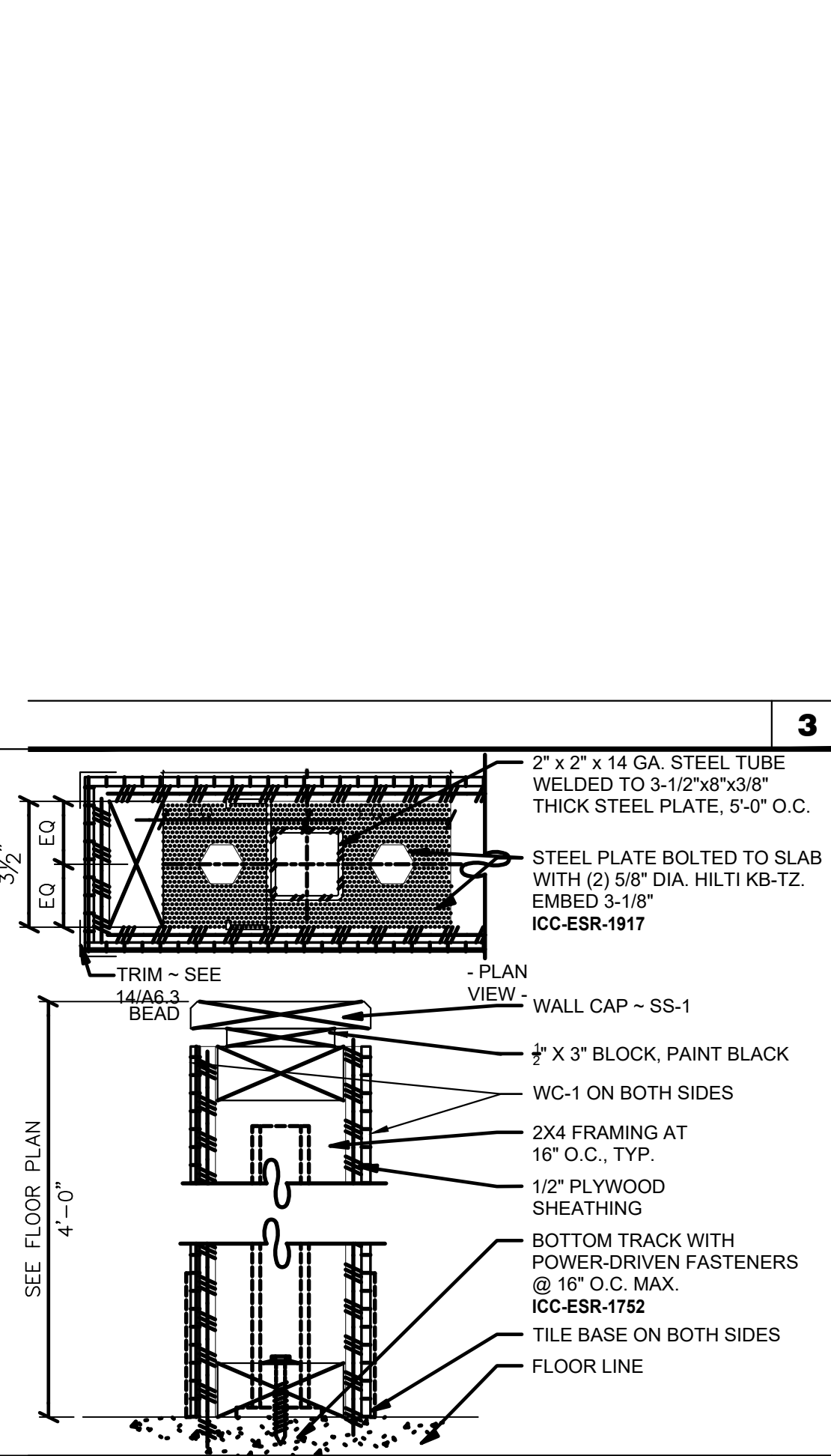
PERMIT PLOT DATE:



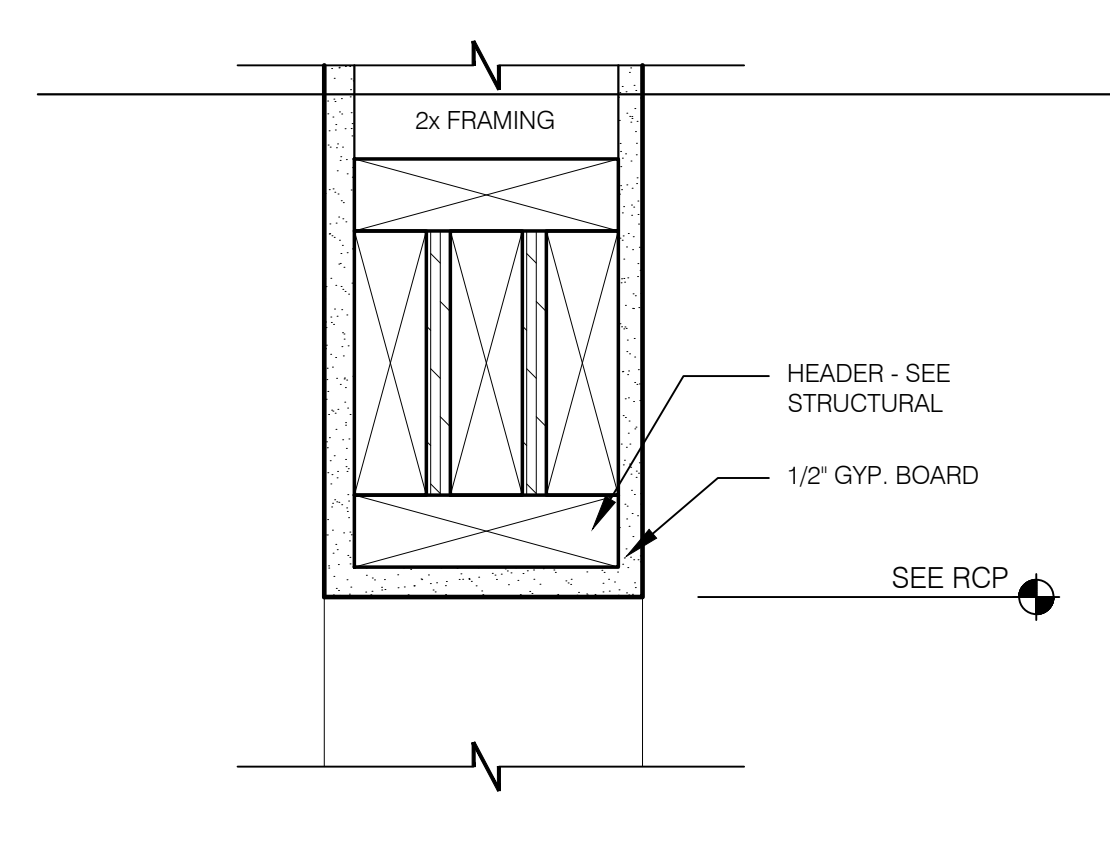
WALL MOUNTED DMB DETAIL N.T.S. **1**



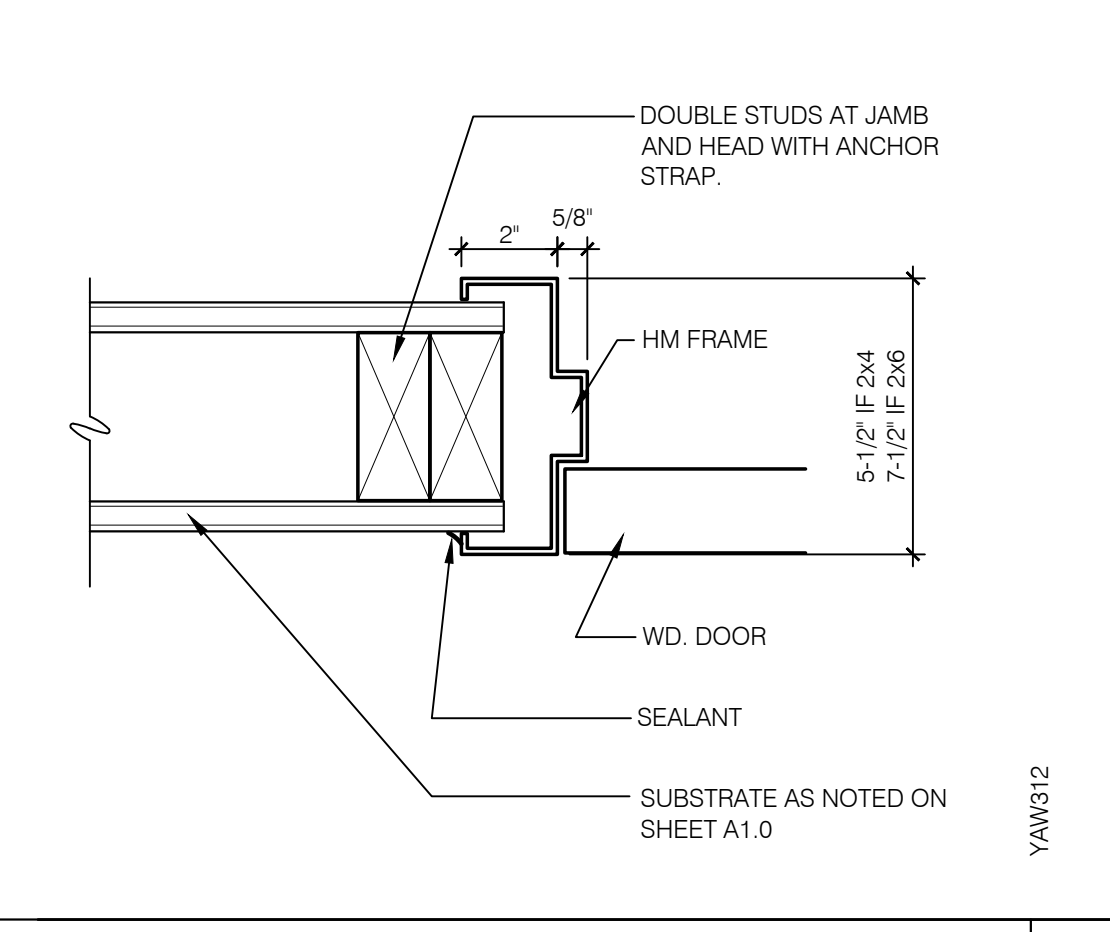
MENU BOARD/SOFFIT SECTION 3/4" = 1'-0" **2**



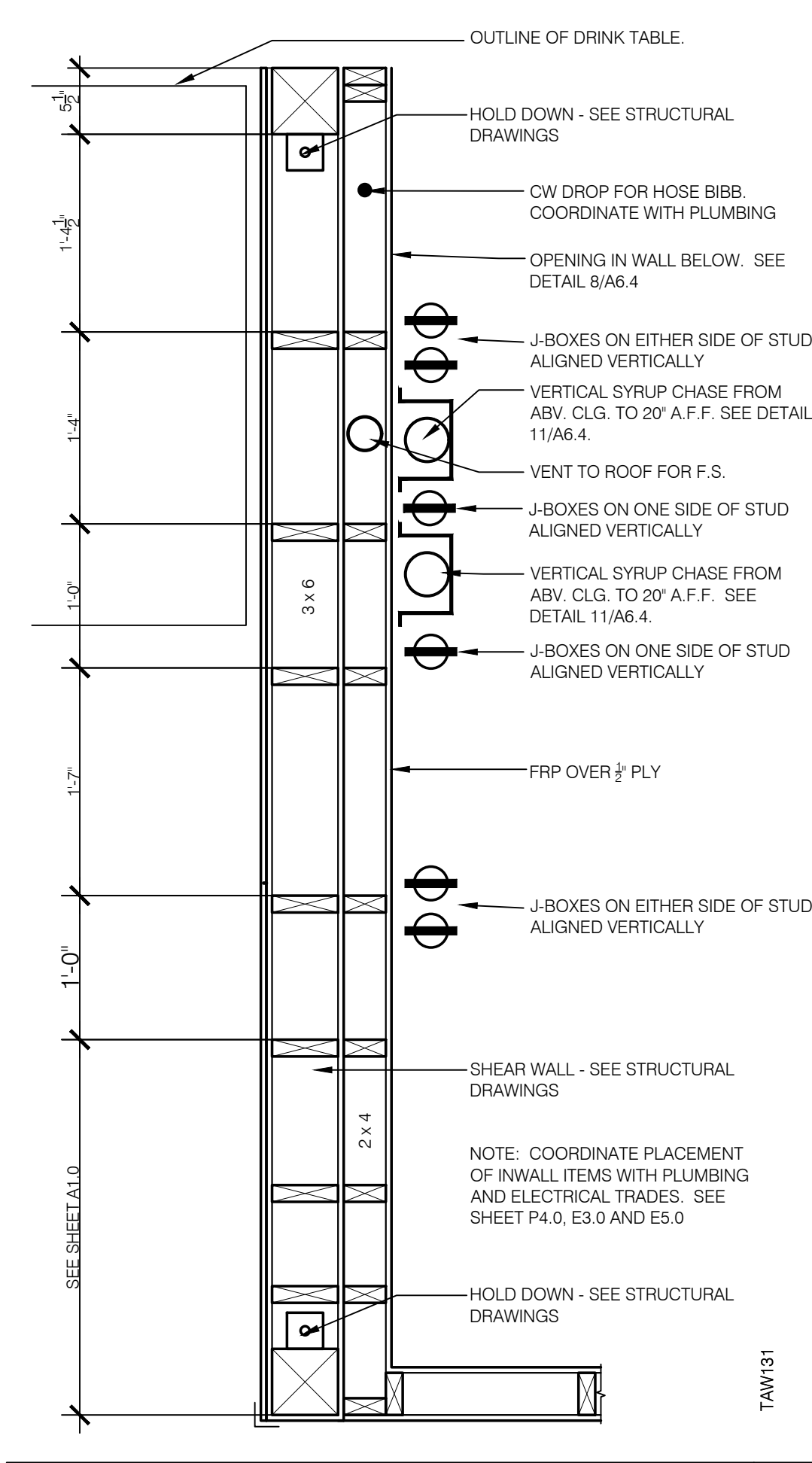
LOW DINING WALL 3" = 1'-0" **4**



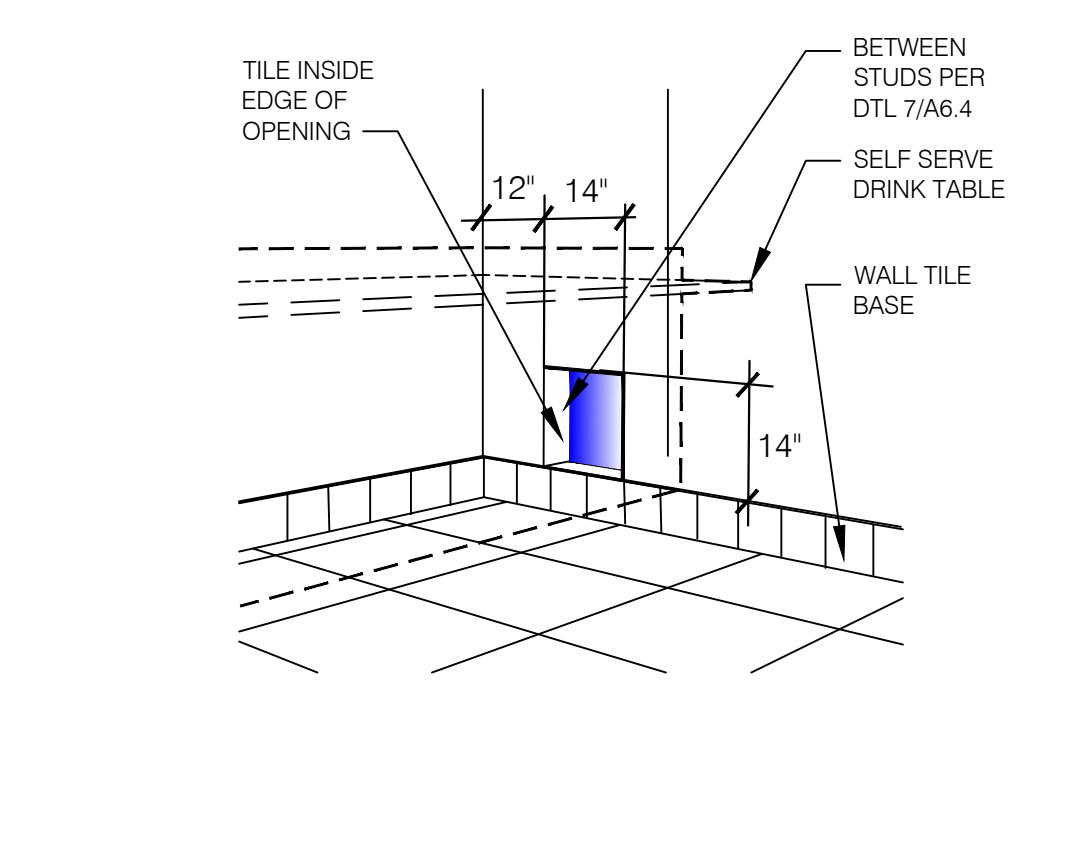
CASED OPENING DETAIL 3" = 1'-0" **5**



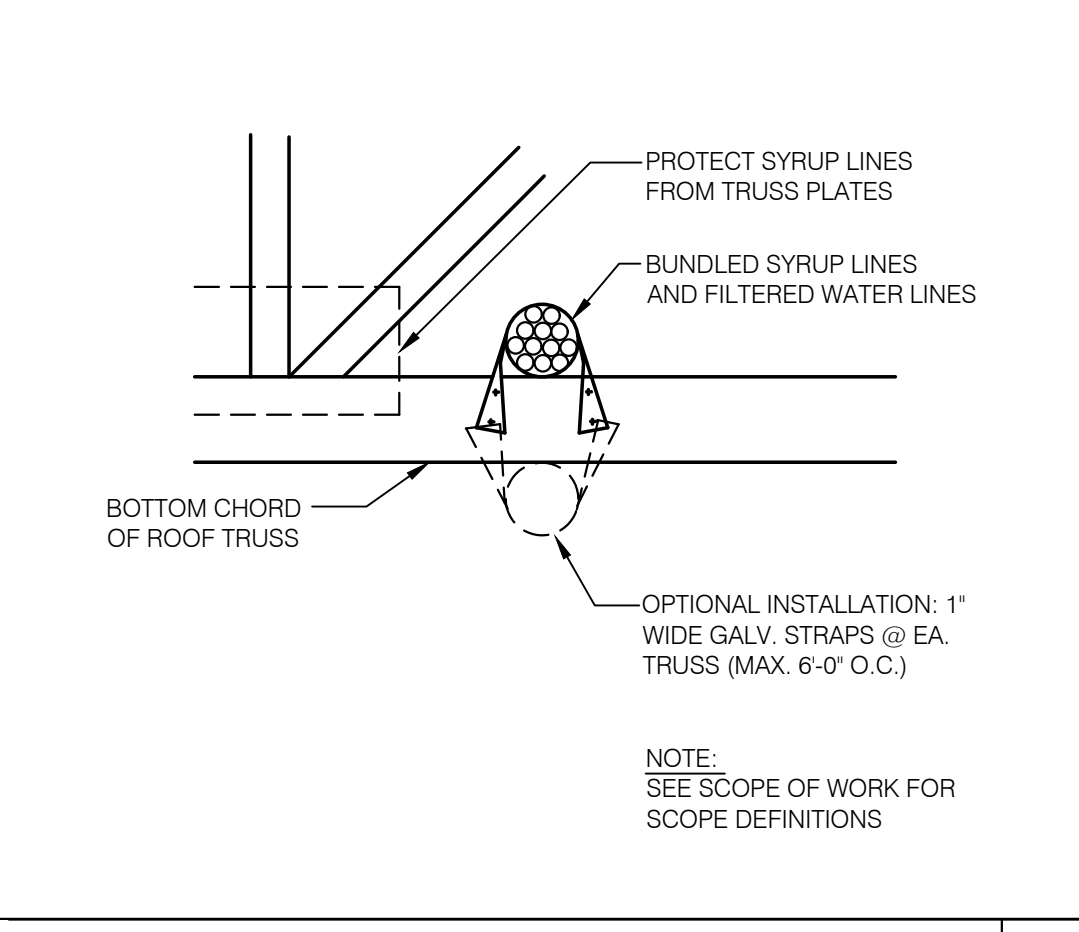
JAMB @ H.M. DOOR 3" = 1'-0" **6**



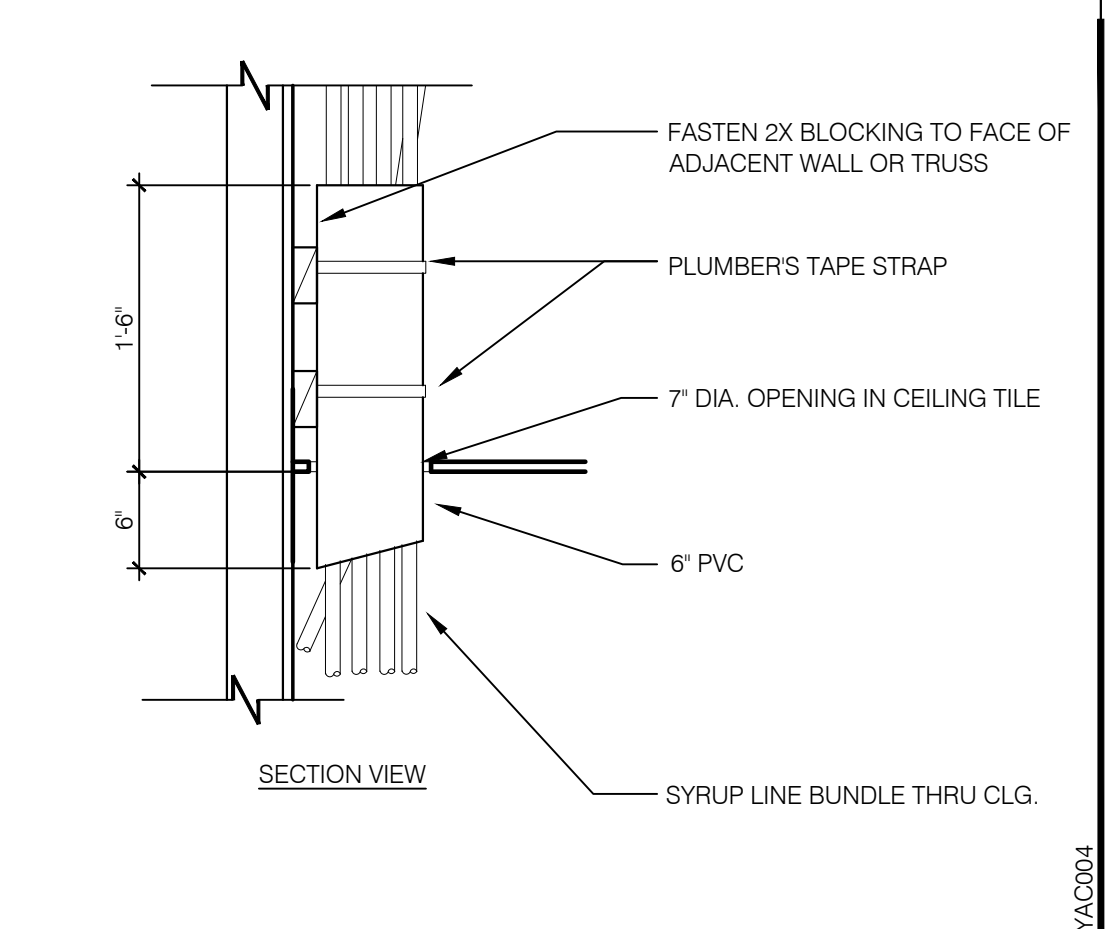
INTERIOR CHASE / SHEAR WALL N.T.S. **7**



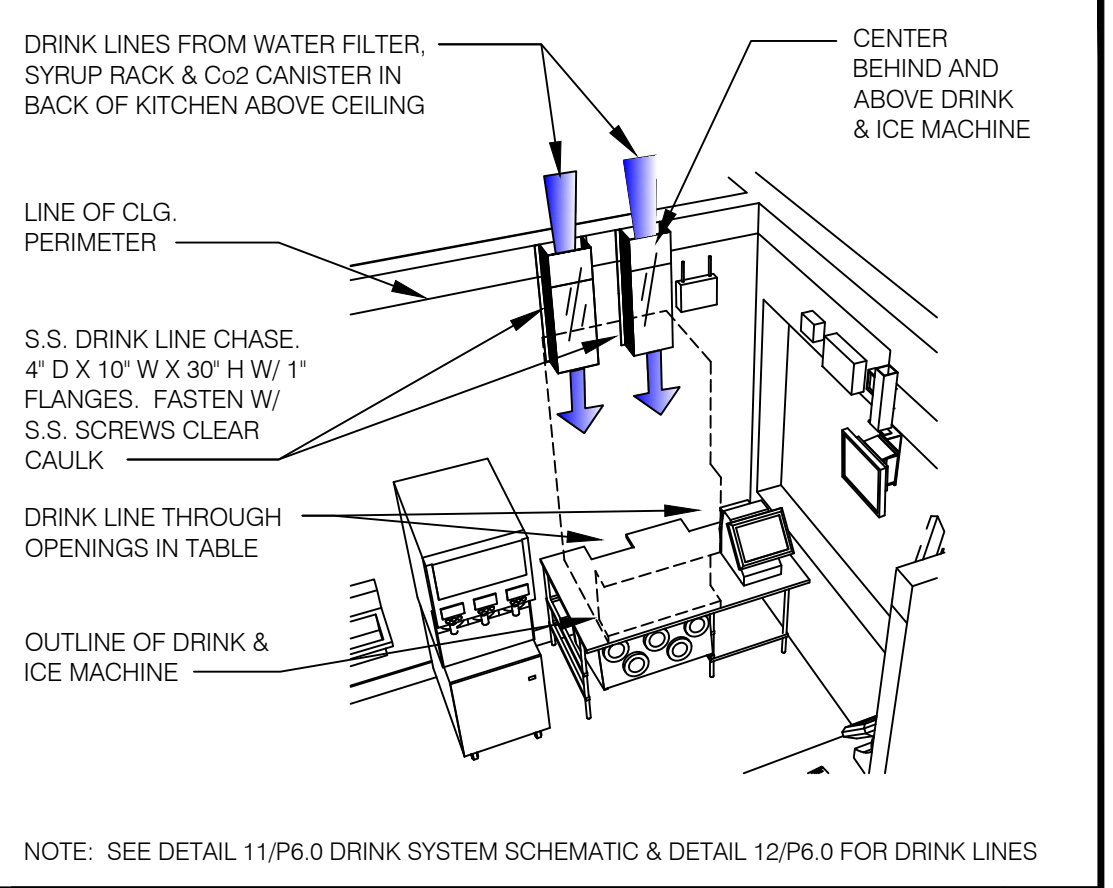
WALL PASS THRU N.T.S. **8**



SYRUP LINE IN CEILING N.T.S. **9**



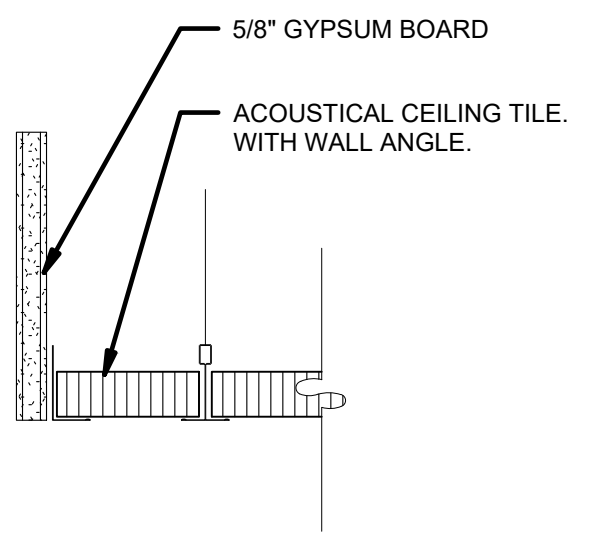
SYRUP BUNDLE CLG. PENETRATION N.T.S. **10**



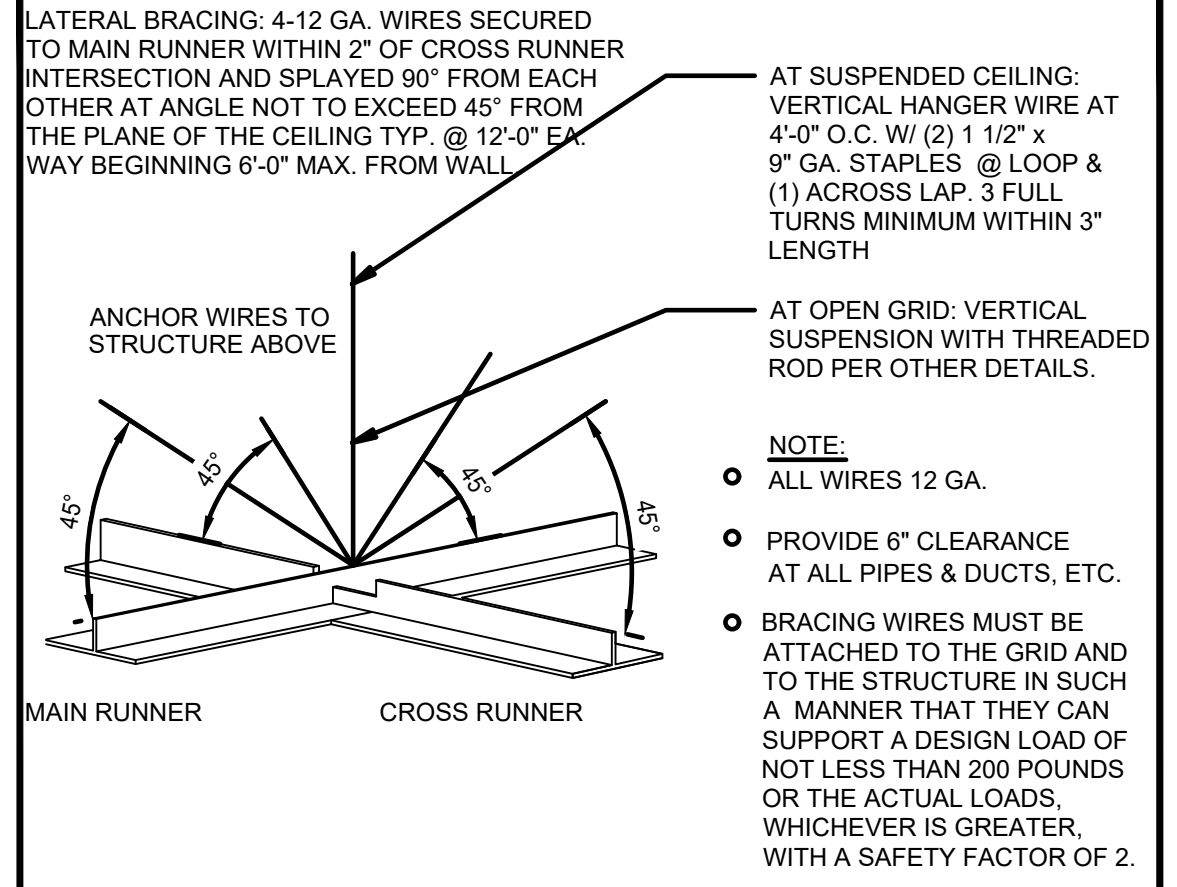
SYRUP CHASE ON WALL N.T.S. **11**



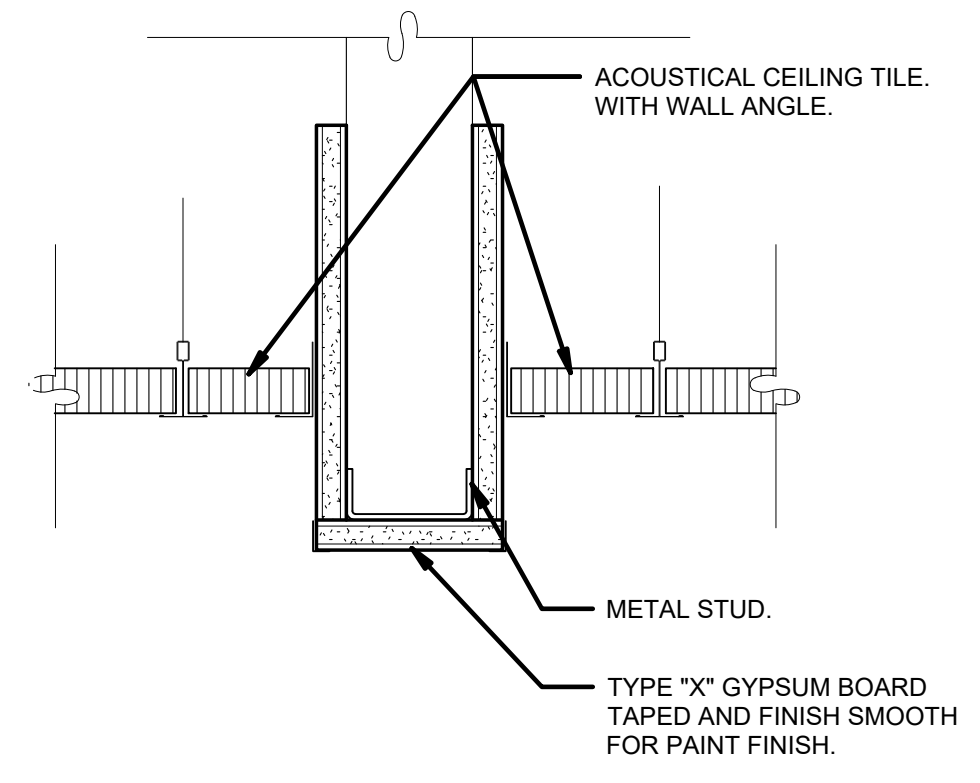
SYRUP LINE IN CEILING N.T.S. **13**



GWB TRANSITION 3" = 1'-0" **13**



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



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

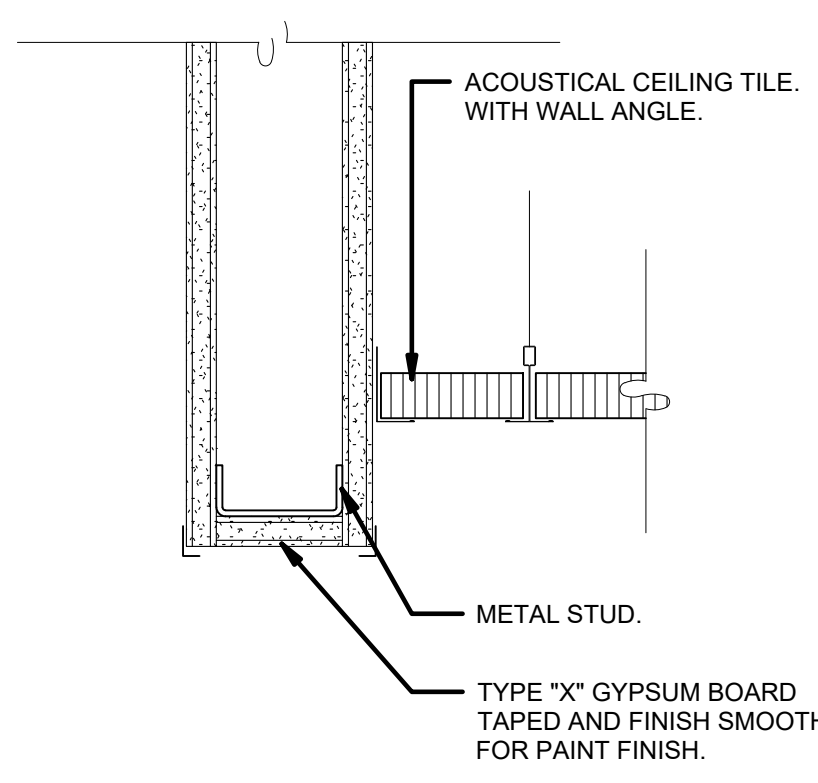
MEMBER DEPTH:
 (EXAMPLE: 6" = 600 X 1/100 INCHES)
 ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES. FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE DIMENSION.

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

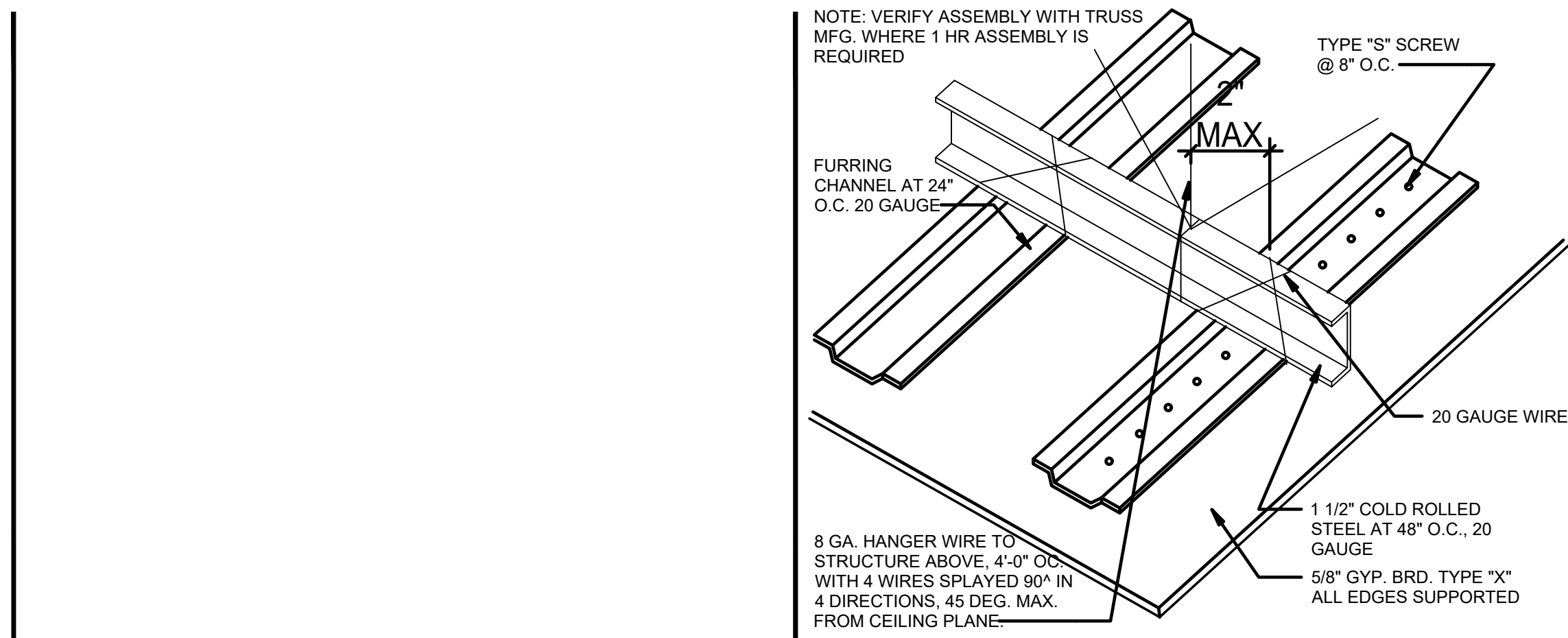
MATERIAL THICKNESS:
 (EXAMPLE: 0.054 IN. = 54 MILS; 1 MIL = 1/1000 IN.) MATERIAL THICKNESS IS THE MINIMUM BASE METAL THICKNESS IN MILS. MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

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

CEILING SPAN TABLE NOTES:



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



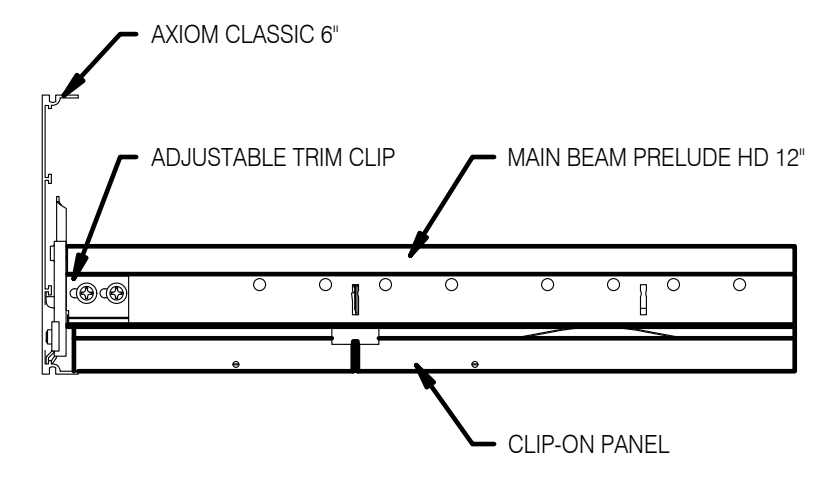
PANEL JOINT 6" = 1'-0" **6**

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

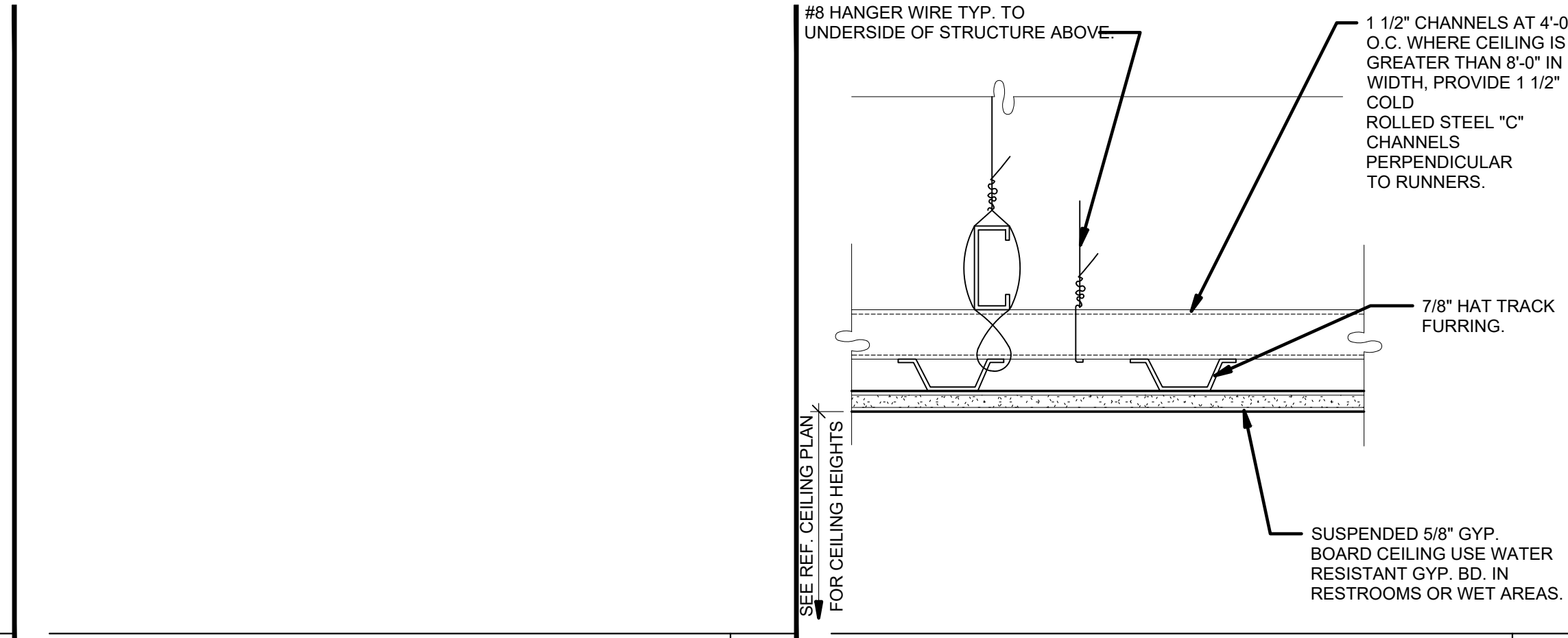
SECTION:	(MIL)	4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE UNSUPPORTED					
		JOIST SPACING (IN.) O.C.			MID-SPAN JOIST SPACING (IN.) O.C.		
		12"	16"	24"	12"	16"	24"
362S125	18	9'-3"	8'-7"	7'-7"	12'-8"	11'-7"	10'-0"
362S125	27	10'-8"	9'-10"	8'-10"	15'-0"	13'-11"	12'-4"
362S125	30	11'-0"	10'-2"	9'-1"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

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

ALLOWABLE CEILING SPANS NTS **3**



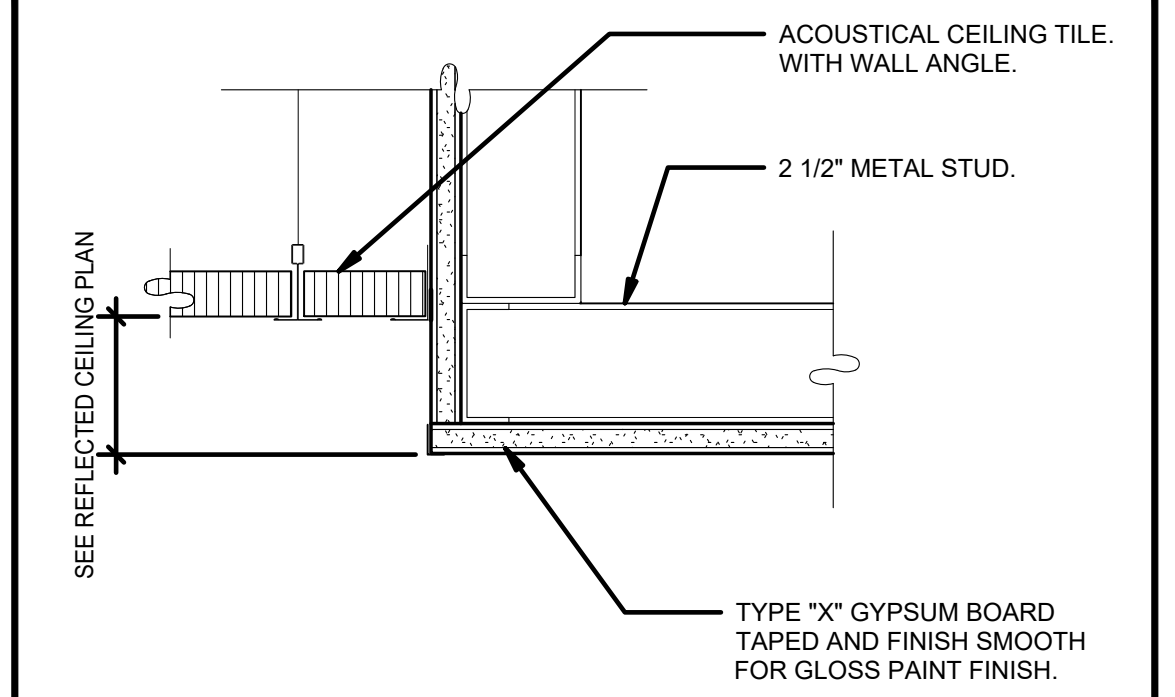
ASSEMBLY CLIP-ON 3" = 1'-0" **15**



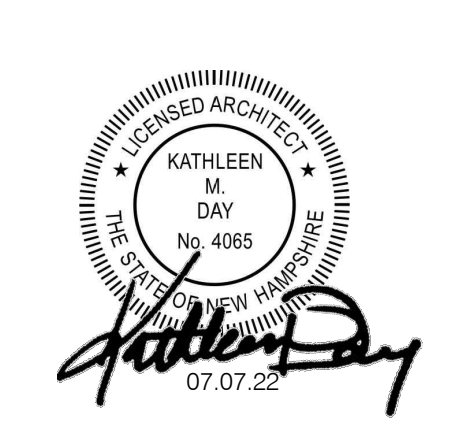
ENLARGED CANOPY DETAIL 6" = 1'-0" **7**

NOT USED NTS **11**

LIGHT FIXTURE AT SUSPENDED CEILING 1 1/2" = 1'-0" **8**



CEILING TRANSITION 3" = 1'-0" **4**



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

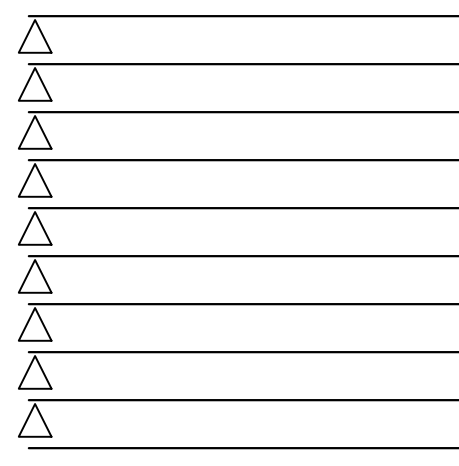
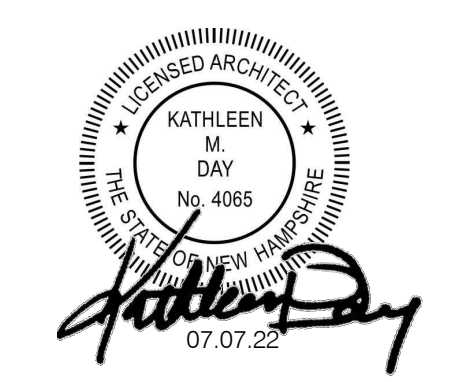
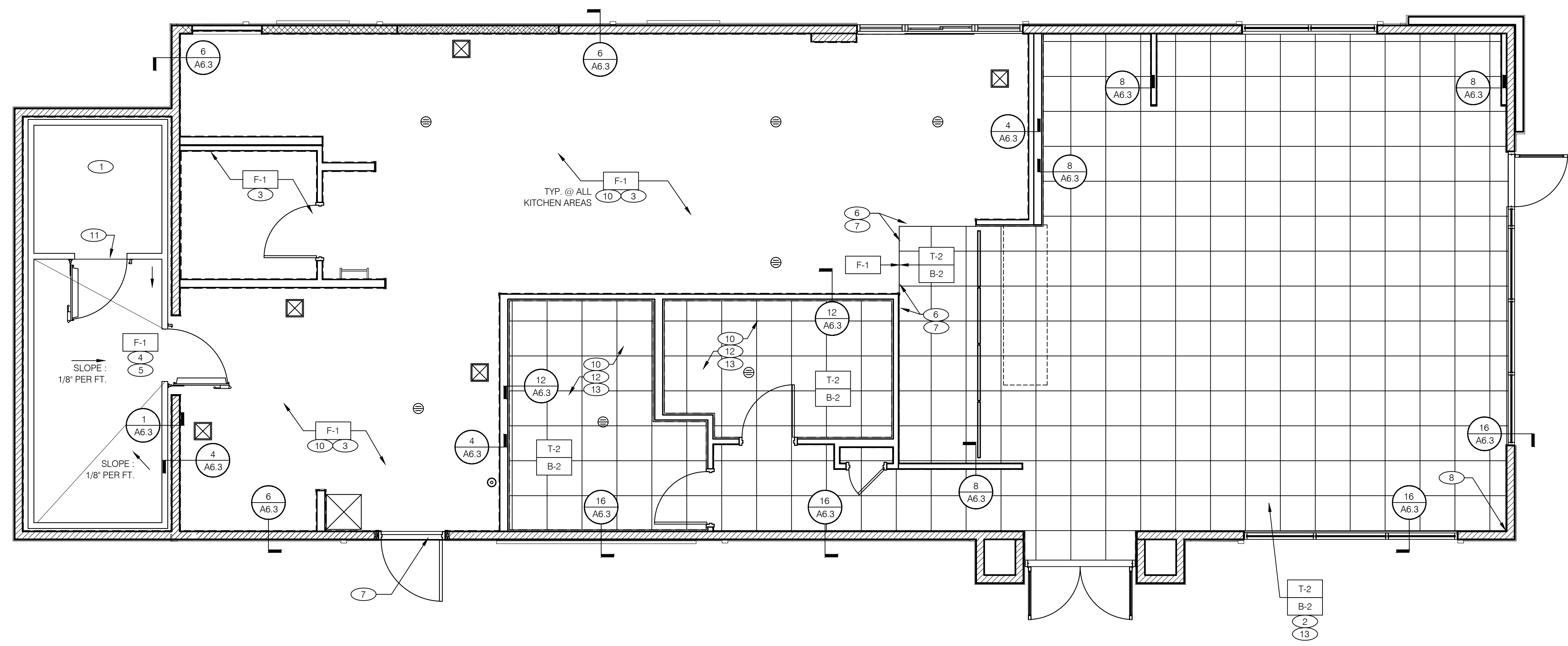
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



CEILING DETAILS

A6.5

PERMIT PLOT DATE:



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

12 11 10 9 8 7 6 5 4 3 2 1
FLOOR FINISH PLAN 1/4"=1'-0" **A**

- A. DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.
- B. TILE JOINTS (J.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.

- 1 FACTORY FLOOR FINISH (GALV STL) W/ INTEGRAL COVE BASE
- 2 6" COVE TILE BASE. SEE DETAILS 8/A6.3 (INTERIOR) AND 16/A6.3 (EXTERIOR) FOR INSTALLATION.
- 3 RESIN FLOOR W/ INTEGRAL EPOXY BASE TYP. ALL KITCHEN AREAS - SEE DETAILS 4/A6.3 (INTERIOR) AND 6/A6.3 (EXTERIOR).
- 4 PROVIDE RESIN FLOORING INSIDE WALK-IN COOLER (NO TILE OR BASE IN FREEZER). DRAIN TO KITCHEN. COORD. WITH COOLER WALL CONFIGURATION.
- 5 NO BASE BEHIND ~~(W-059)~~ WALK-IN COOLER/FREEZER.
- 6 ALIGN FLOOR TILE TO RESIN TRANSITION WITH FACE OF WALL.
- 7 TRANSITION PER RESIN FLOORING MANUF.
- 8 START POINT FOR FLOOR TILE.
- 9 LANDSCAPE AREA
- 10 REFER TO STRUCT DRAWINGS FOR CONC FLOOR SLOPES AROUND FLOOR DRAINS.
- 11 STEP-UP AT FREEZER THRESHOLD.
- 12 SANITARY TILE BASE IN RESTROOMS. SEE DETAIL 12/A6.3 FOR INSTALLATION.
- 13 INSTALL FLOOR TILE WITH OFFSET NO MORE THAN 33% OR INSTALL IN A STRAIGHT STACK BOND.

NOT USED **F**

FINISH NOTES **D**

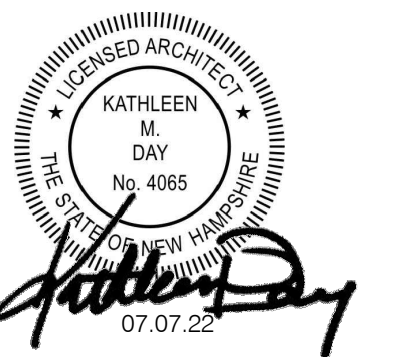
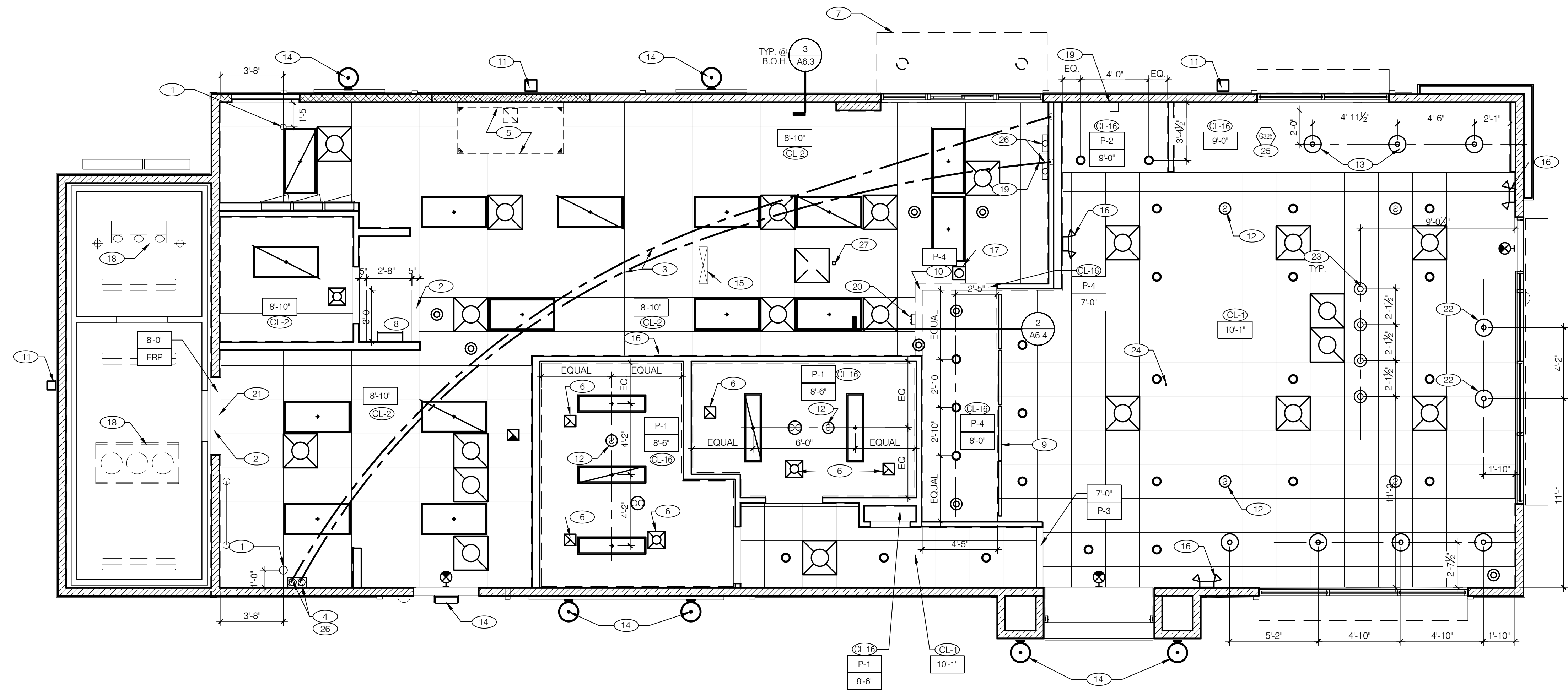
KEY NOTES **B**

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



FLOOR FINISH PLAN
A7.0

PERMIT PLOT DATE:



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

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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

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

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

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

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

ELECTRICAL:
 A. SEE ELEC. DWGS. FOR FIXTURE SCHED.

- 1 CEILING GRID STARTING POINT.
- 2 BULKHEAD @ 8'-0" A.F.F.
- 3 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK. SEE DETAIL 9 & 10/A6.4.
- 4 6" DIA PVC STUB THROUGH CEILING. SEE DETAIL 10/A6.4.
- 5 HOOD.
- 6 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS).
- 7 DRIVE THRU CANOPY.
- 8 ROOF HATCH. SEE 7/A6.0.
- 9 MENU BOARD. SEE SCOPE OF WORK.
- 10 MENU BOARD BULKHEAD - BOTTOM OF SOFFIT AT 7'-0" A.F.F. / SEE DETAIL 2/A6.4.
- 11 VERTICAL DOWNSPOUT.
- 12 SPEAKER. CENTER ON CEILING TILE.
- 13 PENDANT LTG.
- 14 EXTERIOR WALL LIGHT FIXTURES. SEE ELEVATIONS AND ELEC. DWGS.
- 15 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
- 16 EMERGENCY DUAL HEAD FIXTURE. SEE ELEC. DWGS.
- 17 SECURITY STROBE LIGHT. REFER TO ELEC. DWGS.
- 18 FAN COIL FOR WALK-IN.
- 19 6" x 6" 18 GA. STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES: 6" ABOVE CEILING TO TOP OF ICE MACHINE.
- 20 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT C.L. OF BOX 7'-11" AFF.
- 21 24" X 24" TRANSFER GRILL - SEE A/A5.4.
- 22 CENTER PENDANT LIGHT ON WINDOW.
- 23 HUB TABLE LIGHTING
- 24 OVERHEAD POWER AND NETWORK FOR KIOSKS COORDINATE WITH A2.0 AND ELEC.
- 25 INSTALL GRAPHIC PER ARTWORK SCHEDULE ON ALCOVE SOFFIT.
- 26 STAINLESS STEEL SYRUP CHASE ON WALL. SEE A1.0 & DETAIL 11/A6.4.
- 27 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN

- KEY NOTES**

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

REFLECTED CEILING PLAN A7.1
 PERMIT PLOT DATE:

FINISH LEGEND							
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS	FLAME SPREAD RATING / SMOKE-DEVELOPED INDEX
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	CLASS A / 450 OR LESS
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			
CL-16	NA	GYP SUM BOARD	PAINT PER RCP A7.1				
CHAIR RAIL							
CR-1	SW	SW7043	WORLDLY GRAY	1" X 4" (3/4" X 3 1/2")		SEMI-GLOSS	CLASS A / 450 OR LESS
FLOOR BASE							
B-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAEXPOXY GROUT IEG QC	CLASS A / 450 OR LESS
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI #2 PEWTER, 1/8" JOINT WIDTH		CLASS A / 450 OR LESS
FLOORING							
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI #2 PEWTER, 1/8" JOINT WIDTH		CLASS A / 450 OR LESS
F-1	SILIKAL	ACRYLIC RESIN	QUARTZ BLEND #5	SOLID	N/A	**INTEGRAL BASE, NO ADDITIONAL BASE IS REQUIRED. G.C. TO HIRE CERTIFIED INSTALLER.	N/A
FRP/LAMINATE							
FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG	CLASS A / 450 OR LESS
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE	
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFT GRAIN FINISH, RR/UTILITY DOORS. VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"	
CORNER GUARDS							
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1	N/A
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	SATIN ANODIZED ALUMINUM		N/A	VERTICAL TRIM AT WALL TILE TO GYP SUM BOARD TRANSITION DINING/POS AREAS	N/A
MT-2	SCHLUTER	DILEX AHK	EB: BRUSHED STAINLESS STEEL		N/A	BRUSHED STAINLESS STEEL COVE BASE TRIM WHERE WALL TILE MEETS DINING FLOOR TILE	
MT-3	SCHLUTER	QUADEC	SATIN ANODIZED ALUMINUM		N/A	OUTSIDE CORNER TRIM	
SOLID SURFACE							
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP	N/A
WALL COVERING							
WC-1	WOLF GORDON	RAMPART HIGH IMPACT WALL COVERING	FOUNDATION/ PIGMENT (GOH 12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 L.F.	CLASS A / 450 OR LESS
WALL PAINT							
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT	CLASS A / 450 OR LESS
P-2	SHERWIN WILLIAMS	TB2803C	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	TERRE	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE	CLASS A / 450 OR LESS
W-2	CMC	TERRE	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%	

ROOM FINISH SCHEDULE LEGEND

A

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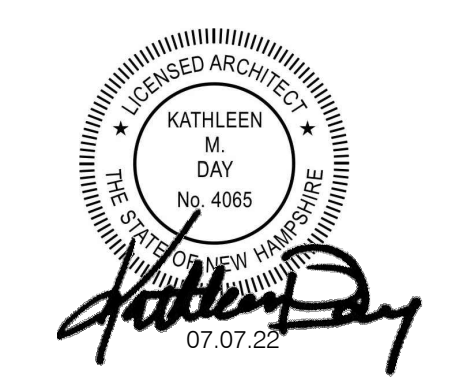
CONTACTS

C

- INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- GALV. STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- APPROVED PAINT MANUFACTURERS:
- PORTER, BENJAMIN MORE, SHERWIN WILLIAMS, ICI, & PITTSBURGH PAINTS.
- MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
- ALL PAINTED GYP SUM BOARD SHALL HAVE A LIGHT ORANGE PEEL TEXTURE.
- ALL MORTAR SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT
- ALL TILE MUST BE ORDERED FROM THE SAME VENDOR, EITHER EUROWEST OR CREATIVE MATERIAL CORP.

ROOM FINISH NOTES

D



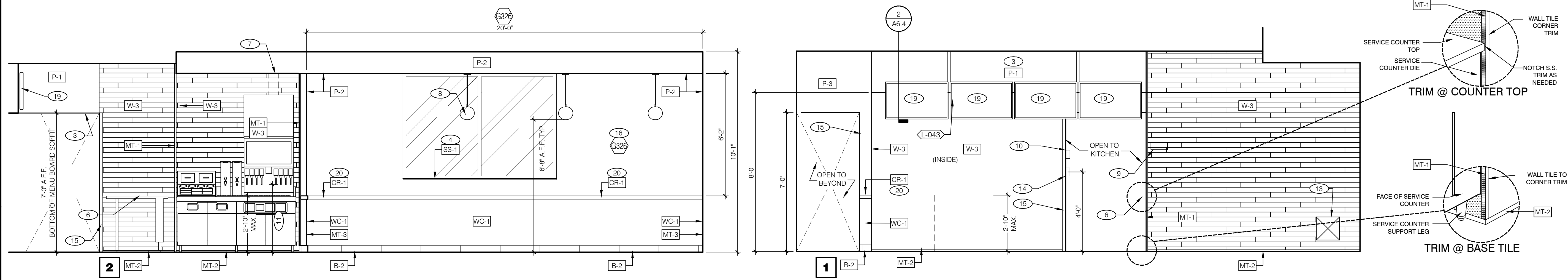
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

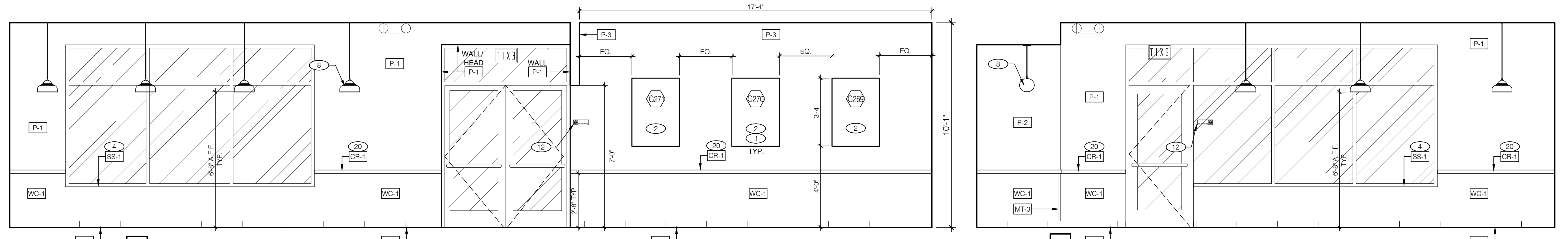


FINISH SCHEDULE
A7.2

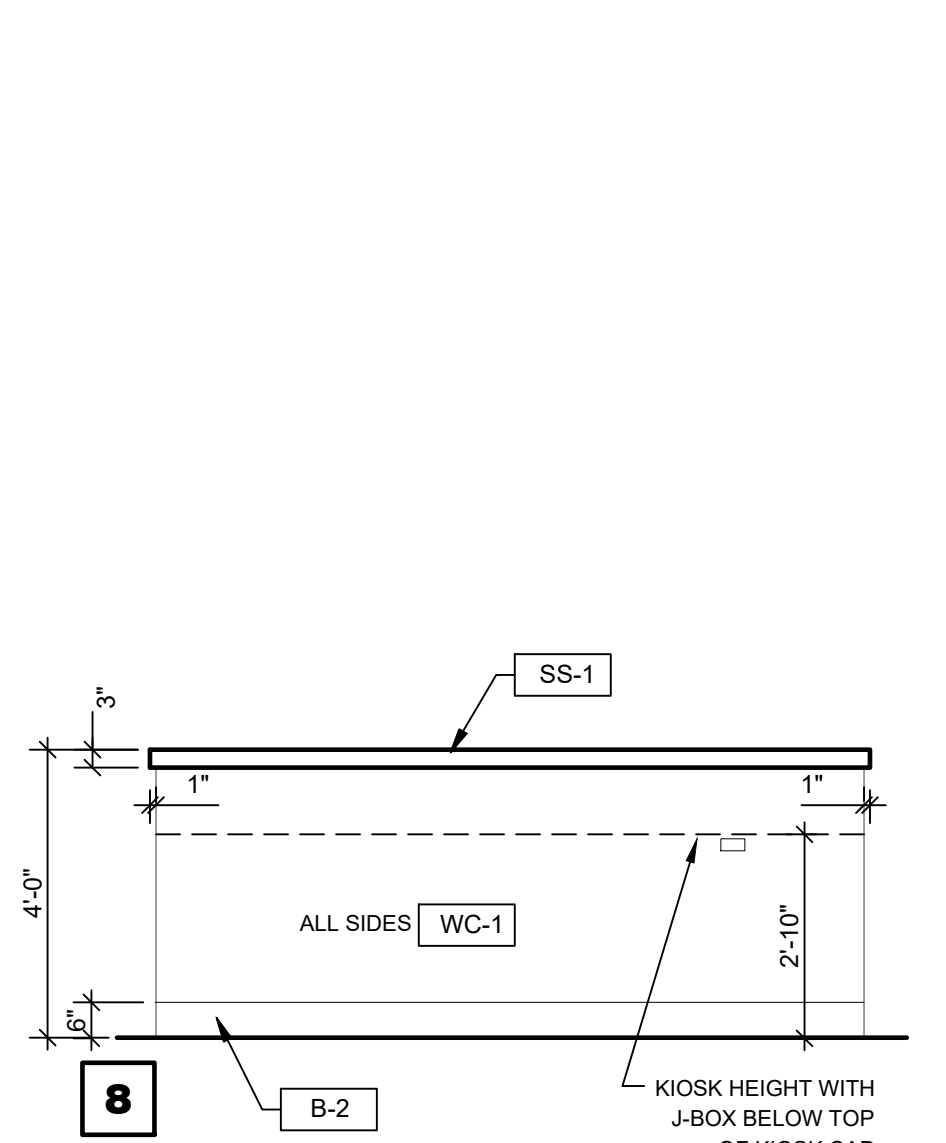
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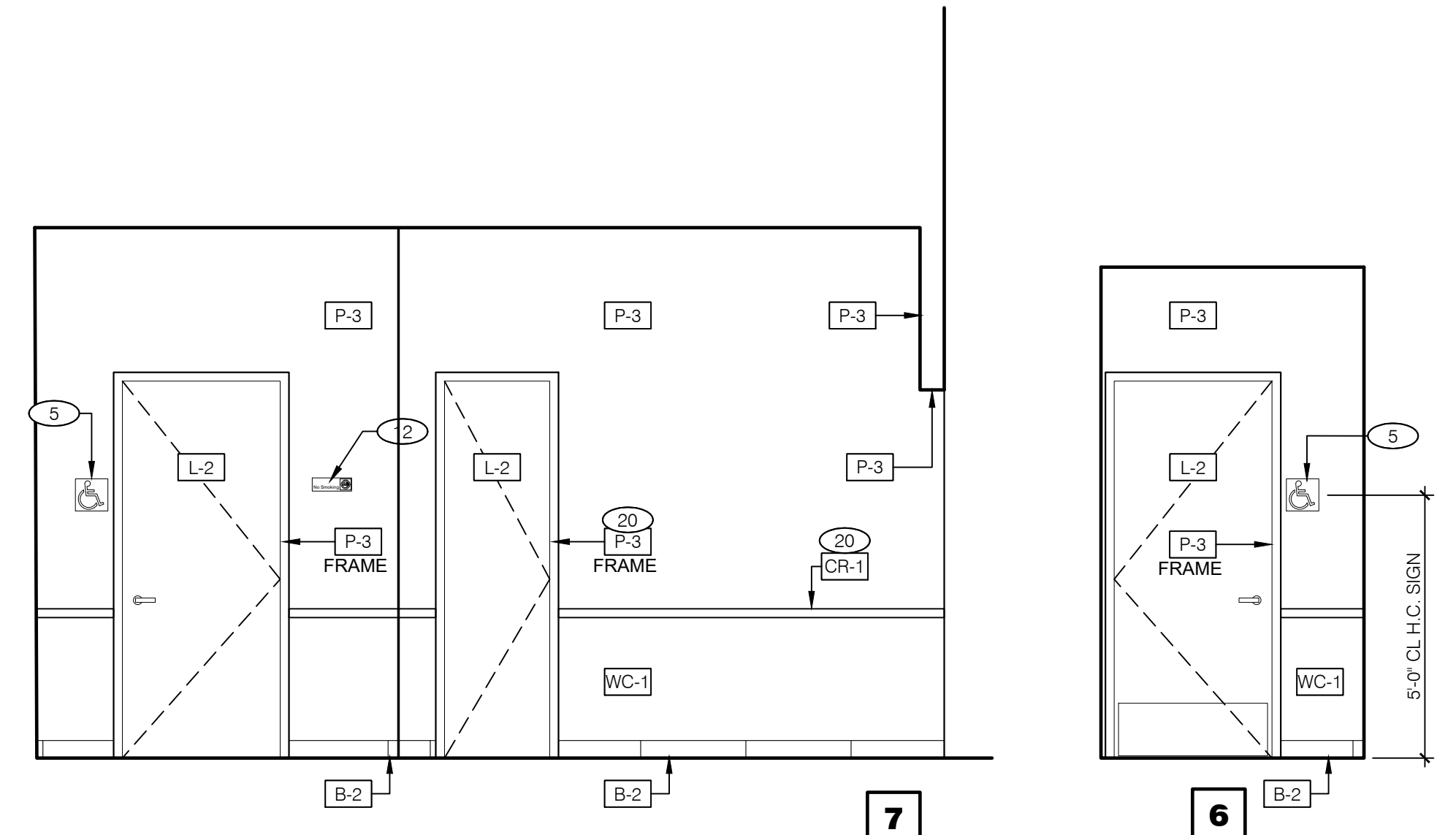
DINING 3/8"=1'-0"



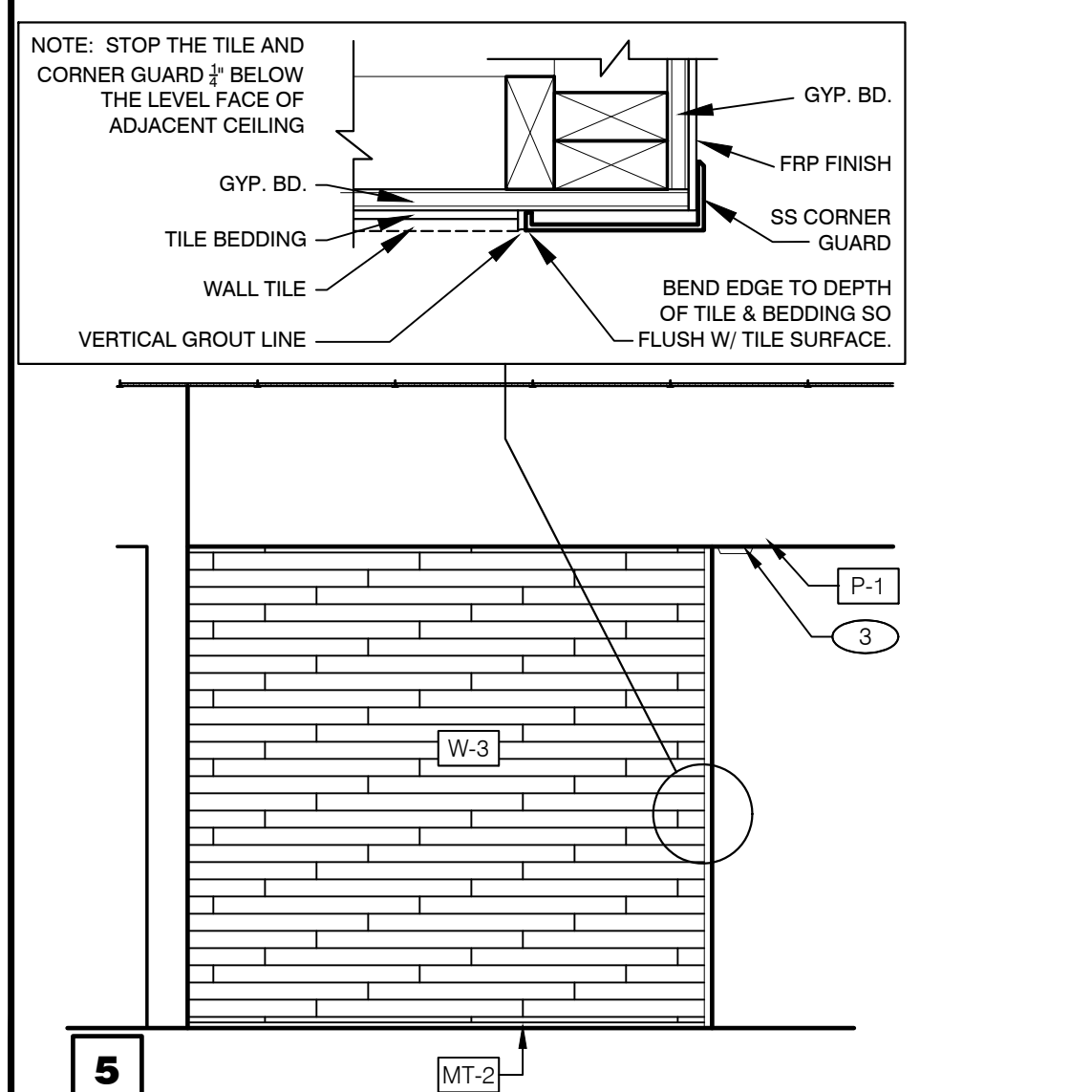
DINING 3/8"=1'-0"



DINING HALF WALL 3/8"=1'-0"



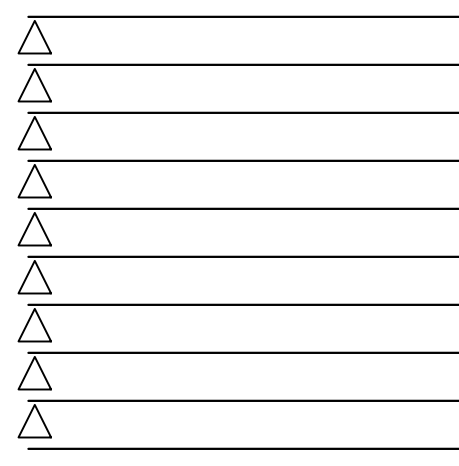
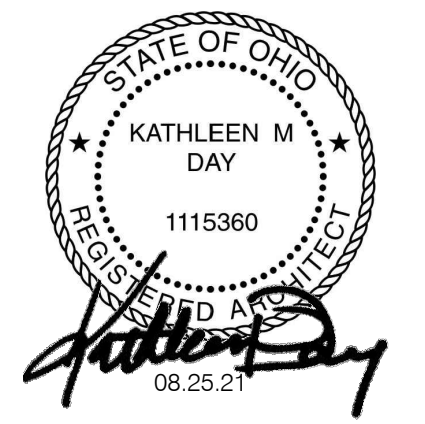
PASSAGE 3/8"=1'-0"



WALL BEHIND SERVICE COUNTER 3/8"=1'-0"

- (1) FOR ARTWORK DESCRIPTION, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
- (2) 28"x40" ART PANELS.
- (3) MENUBOARD BULKHEAD.
- (4) WINDOW SILL.
- (5) H.C. SIGNAGE.
- (6) PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.
- (7) 6" X6" 18 GAUGE STAINLESS STEEL CHASE.
- (8) DROP PENDANT LIGHT FIXTURE. SEE SCOPE OF WORK AND SHEET E4.0.
- (9) "PLEASE ASK IF YOU NEED ASSISTANCE" SIGN. SMALLWARE PACKAGE.
- (10) TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.
- (11) BOTTOM OF BEVERAGE AND ICE DISPENSING LEVERS SHALL BE NO HIGHER THAN 42" A.F.F.
- (12) NO SMOKING SIGN.
- (13) OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE 11/A6.4 AND SHEET A1.0.
- (14) SECURITY SYSTEM KEYPAD, SEE E5.0.
- (15) SS CORNER/ END WALL CHANNEL GUARD, FULL HEIGHT. SEE 11/A6.3 & 5/A8.0.
- (16) ALCOVE MURAL, APPLY TO BACK WALL AND CEILING OF ALCOVE.
- (17) NOT USED.
- (18) SEE 13.14 & 17 FOR WALL COVERING DETAILS.
- (19) DIGITAL MENUBOARDS.
- (20) CHAIR RAIL. SEE 15/A6.3.

KEY NOTES A



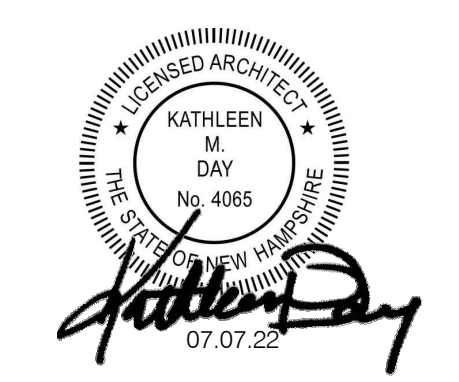
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 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 8535 Willow Road
 Harrisville Township, Ohio 44214

TACO BELL
ENDEAVOR 2.0
 LARGE 50

INTERIOR ELEVATIONS DINING ROOM
A8.0

PERMIT PLOT DATE:



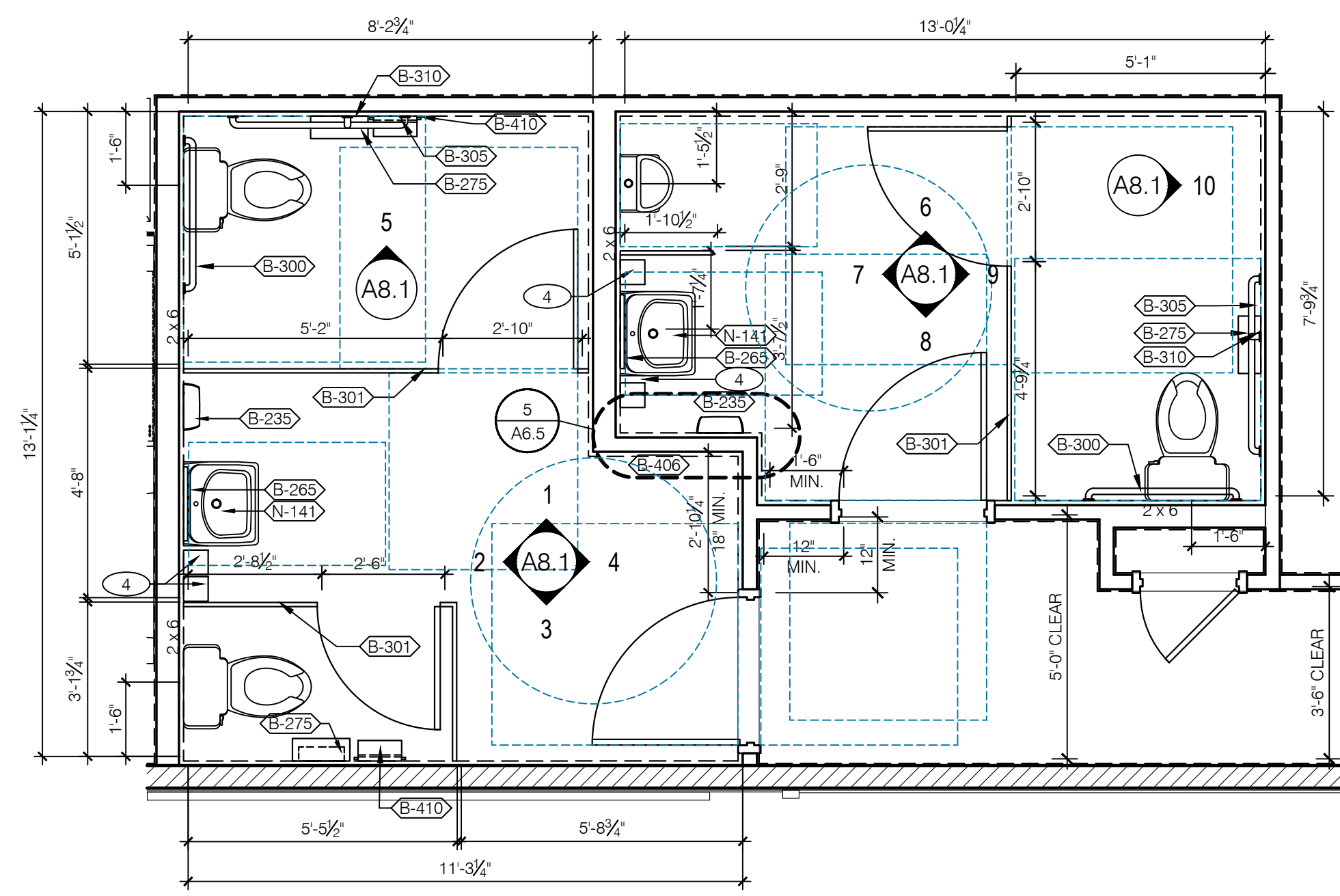
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TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50
**INTERIOR ELEV.
 ENLARGED
 RESTROOMS &
 OFFICE PLAN
 A8.1**

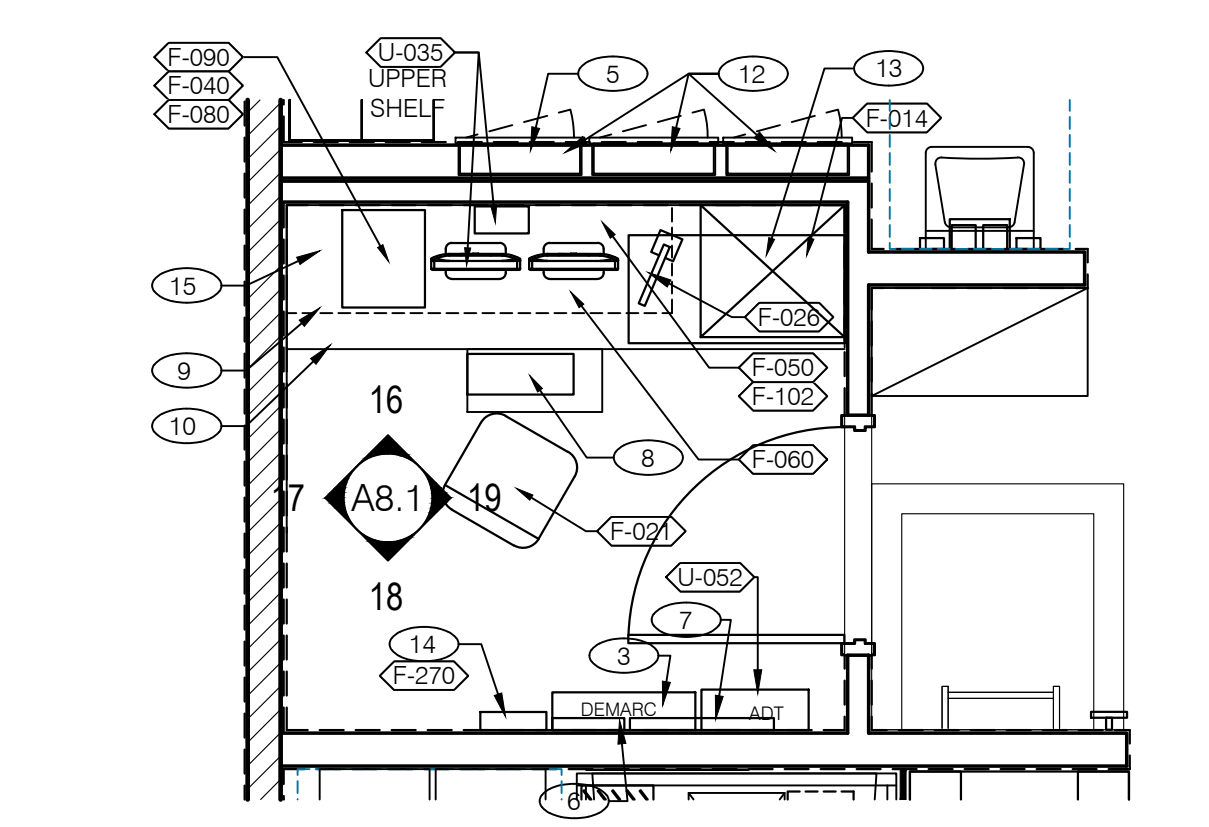
PERMIT PLOT DATE:

- A. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
- B. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
- C. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
- D. PROVIDE 1/4" MAX GAP AT ALL TOILET PARTITION PANEL JOINTS.
- E. ADD VERTICAL GRAB BAR PER ADA SHEETS.

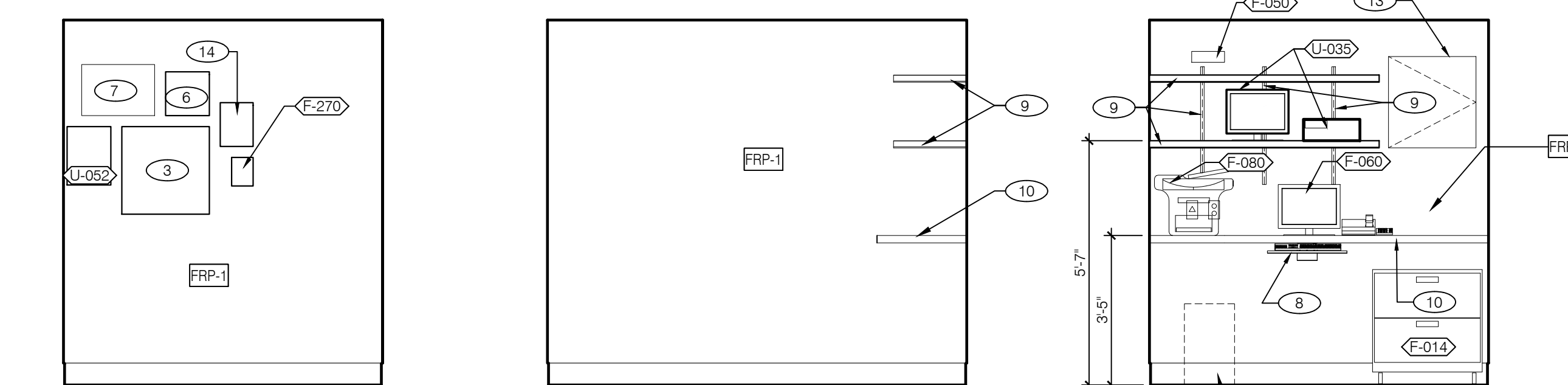


RESTROOM FLOOR PLAN and GENERAL NOTES 3/8" = 1'-0" **A**

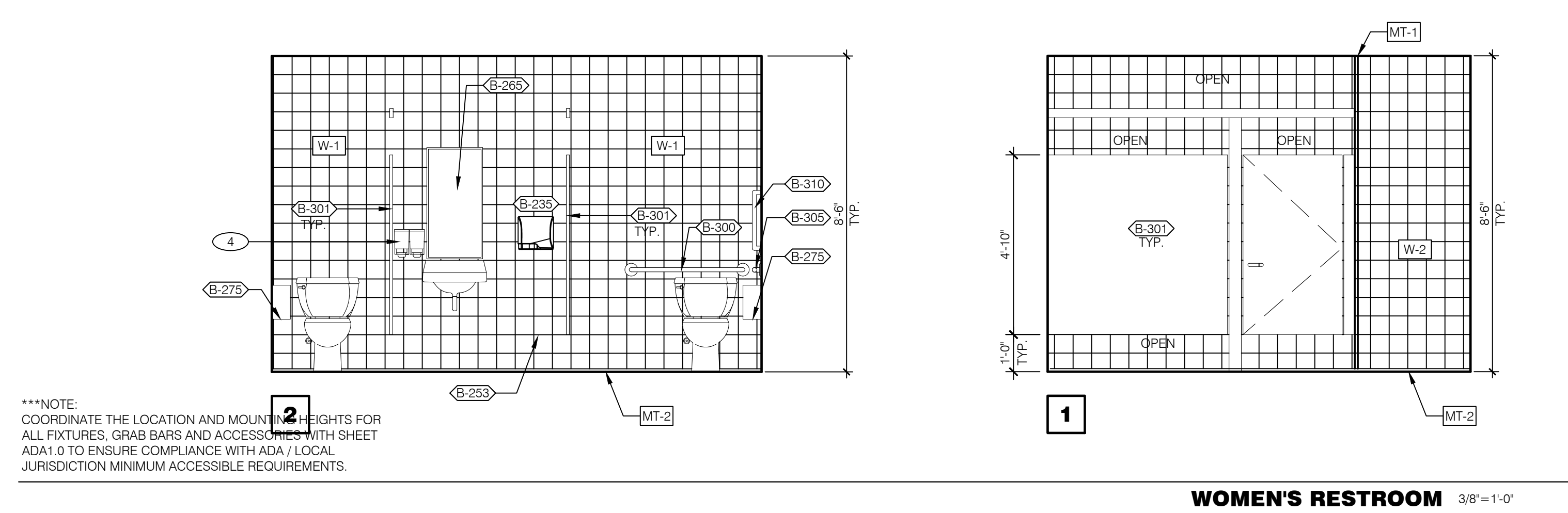
- (1) THERMOSTAT CONTROLS.
- (2) LIGHTING CONTROL SWITCHES. SEE DETAIL E3.1.
- (3) TELEPHONE TERMINAL BOARD.
- (4) SOAP / HAND SANITIZER DISPENSERS - BY ECOLAB.
- (5) LIGHTING CONTROL PANEL.
- (6) 12" X 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
- (7) WIRING CABINET (PATCH PANEL) BY POS PROVIDER.
- (8) UNDER COUNTER KEYBOARD TRAY.
- (9) SHELVES AND (3) ADJUSTABLE STANDARDS BY G.C. - FINISH WITH PLASTIC LAMINATE L-1.
- (10) COUNTER BY G.C. - FINISH WITH STAINLESS STEEL.
- (11) SMOKE DETECTOR WITH RESET SWITCH.
- (12) ELECTRICAL PANELS.
- (13) TECH-IN-A-BOX. REFER TO E3.1. G.C. TO PROVIDE BLOCKING WHERE REQUIRED.
- (14) IRRIGATION CONTROL BOX
- (15) SAFE AND STAND PROVIDED AND INSTALLED BY OWNER



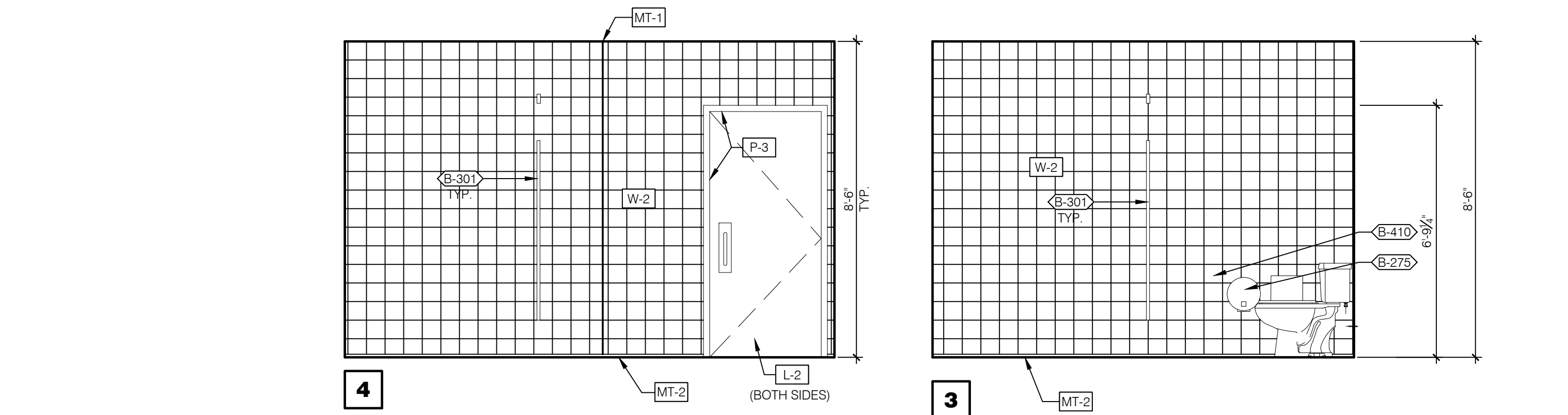
OFFICE FLOOR PLAN and KEYNOTES 3/8" = 1'-0" **B**



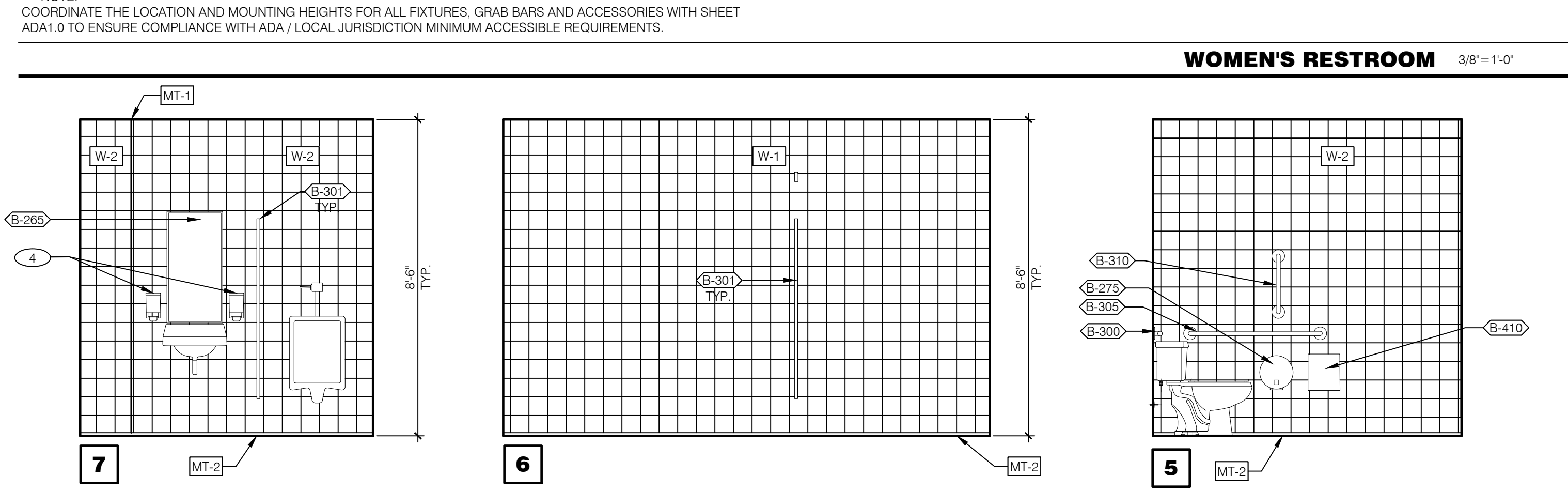
OFFICE ELEVATIONS 3/8" = 1'-0" **C**



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

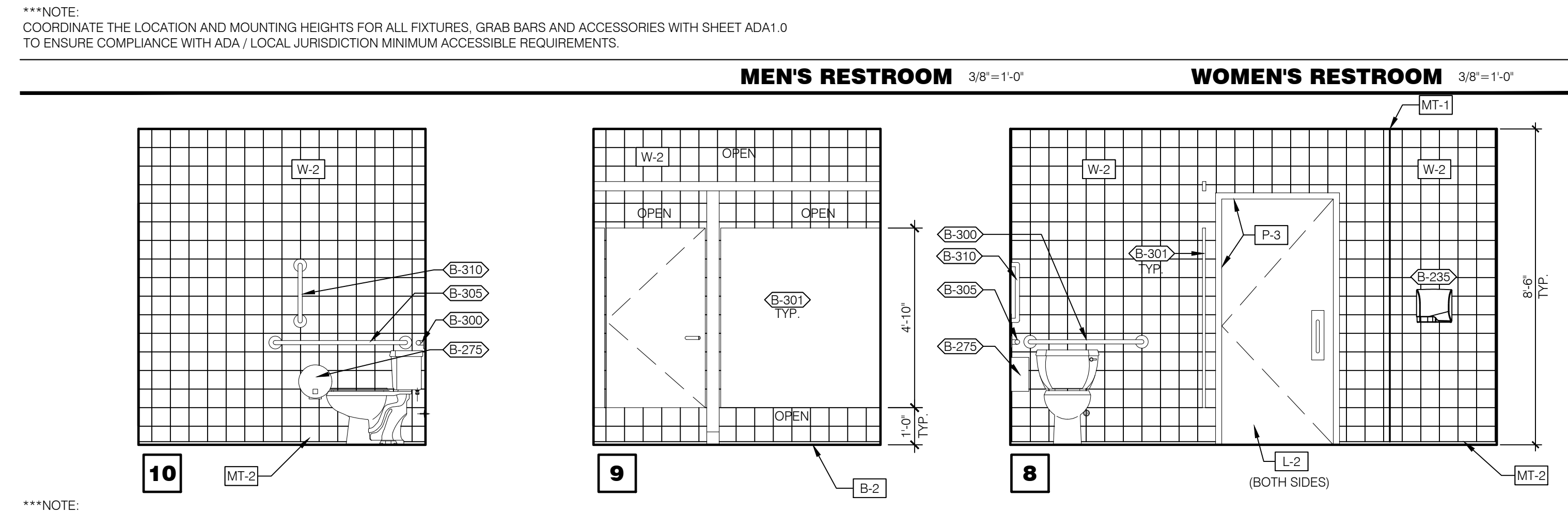


WOMEN'S RESTROOM 3/8" = 1'-0"



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

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



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

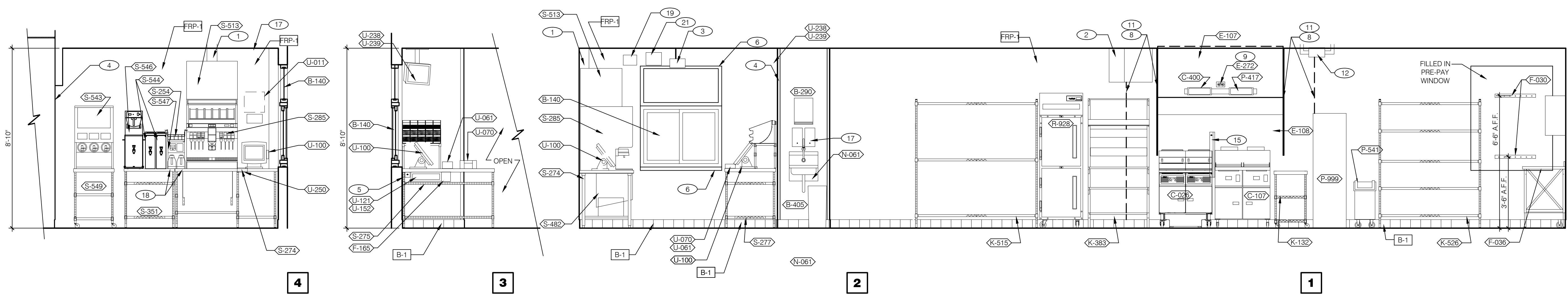
***NOTE:
 COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

***NOTE:
 COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

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 COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

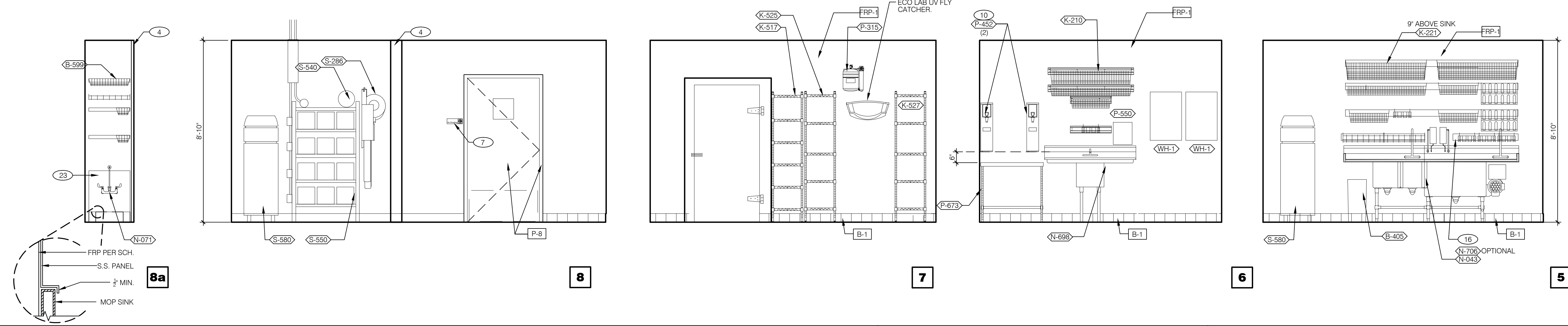
***NOTE:
 COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

NOTE:
 REFER TO OFFICE FLOOR PLAN KEYNOTES.



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

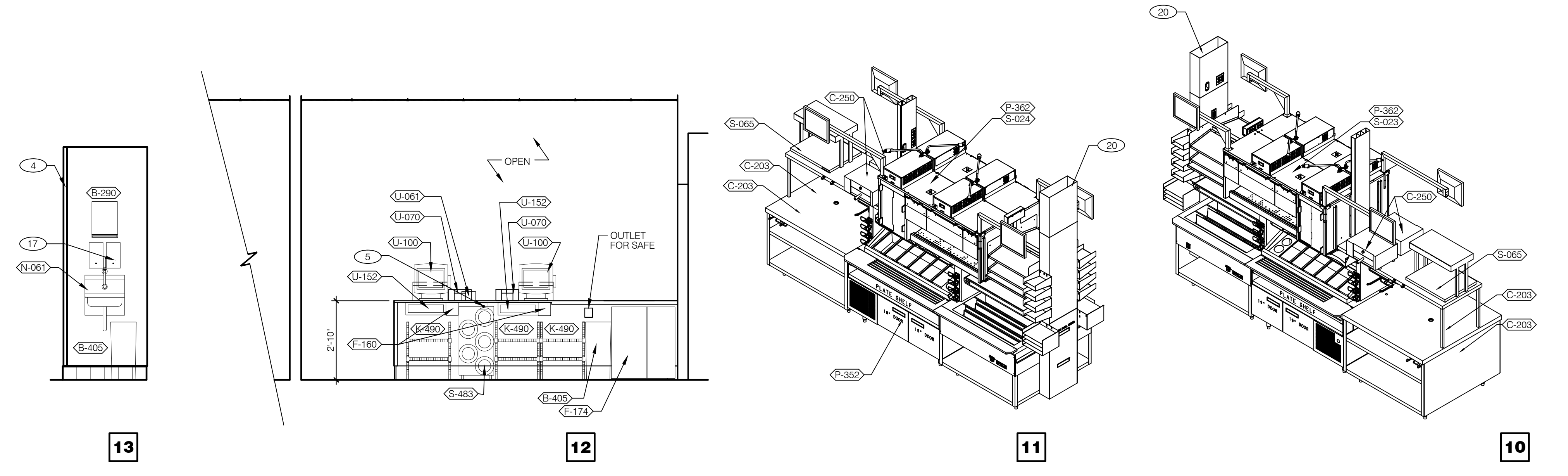
TB COOK / DRY STORAGE 3/8" = 1'-0"



UTILITY 3/8" = 1'-0"

PREP 3/8" = 1'-0"

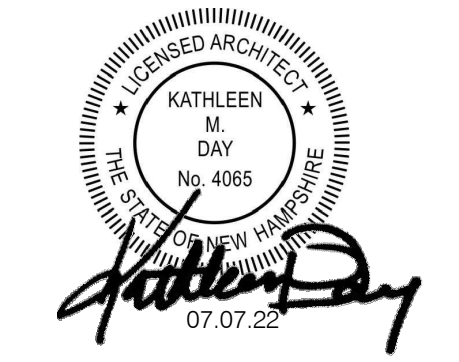
WARE WASHING 3/8" = 1'-0"



SERVING 3/8" = 1'-0"

EVO DUAL LINE 3/8" = 1'-0"

- 1 6" STAINLESS STEEL CHASE FOR ICE MACHINE REFRIGERANT SYRUP LINES. SEE 8/A6.4
- 2 ANSUL CABINET.
- 3 DRIVE-THRU TIMER DISPLAY UNIT
- 4 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 11/A6.3.
- 5 HOLD-UP BUTTON.
- 6 SS CORNER GUARDS AT PERIMETER OF D/T WINDOW. SEE 6 & 7 / A6.1 AND SCOPE OF WORK FOR RESPONSIBILITIES
- 7 NO SMOKING SIGN
- 8 EDGE OF SS PANEL BEHIND HOOD.
- 9 J-BOX AND OUTLET INCLUDED WITH HOOD. INSET WITH FLUSH WITH FACE OF HOOD.
- 10 HOT WATER MACHINE SHELF SHALL BE MOUNTED 36" ABOVE THE FLOOR AND 3" FROM ADJACENT WALL.
- 11 20 GA. STAINLESS STEEL PANEL BEHIND HOOD PER CODE.
- 12 GAS SHUT-OFF VALVE.
- 13 GAS RISER, SUPPORT PER ADOPTED CODES.
- 14 TANKLESS WATER HEATERS. SEE PLUMBING DRAWINGS.
- 15 SPLASHGUARD. SEE DETAIL 9/A6.3.
- 16 CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK&CLEAN SYSTEM
- 17 SOAP / HAND SANITIZER DISPENSER - BY ECOLAB.
- 18 ADJACENT TABLE TOPS TO BE INSTALLED AT SAME LEVEL. ADJUST IN THE FIELD AS REQUIRED.
- 19 DT TIMER ETHERNET SWITCH
- 20 UTILITY CHASE INCLUDED IN PRODUCTION LINE.
- 21 DT TIMER SIGNAL PROCESSOR
- 22 DT TIMER MONITOR AND CONTROL UNIT
- 23 24"(H)x WIDTH OF MOP SINK 20 GA. STAINLESS STEEL PANEL.



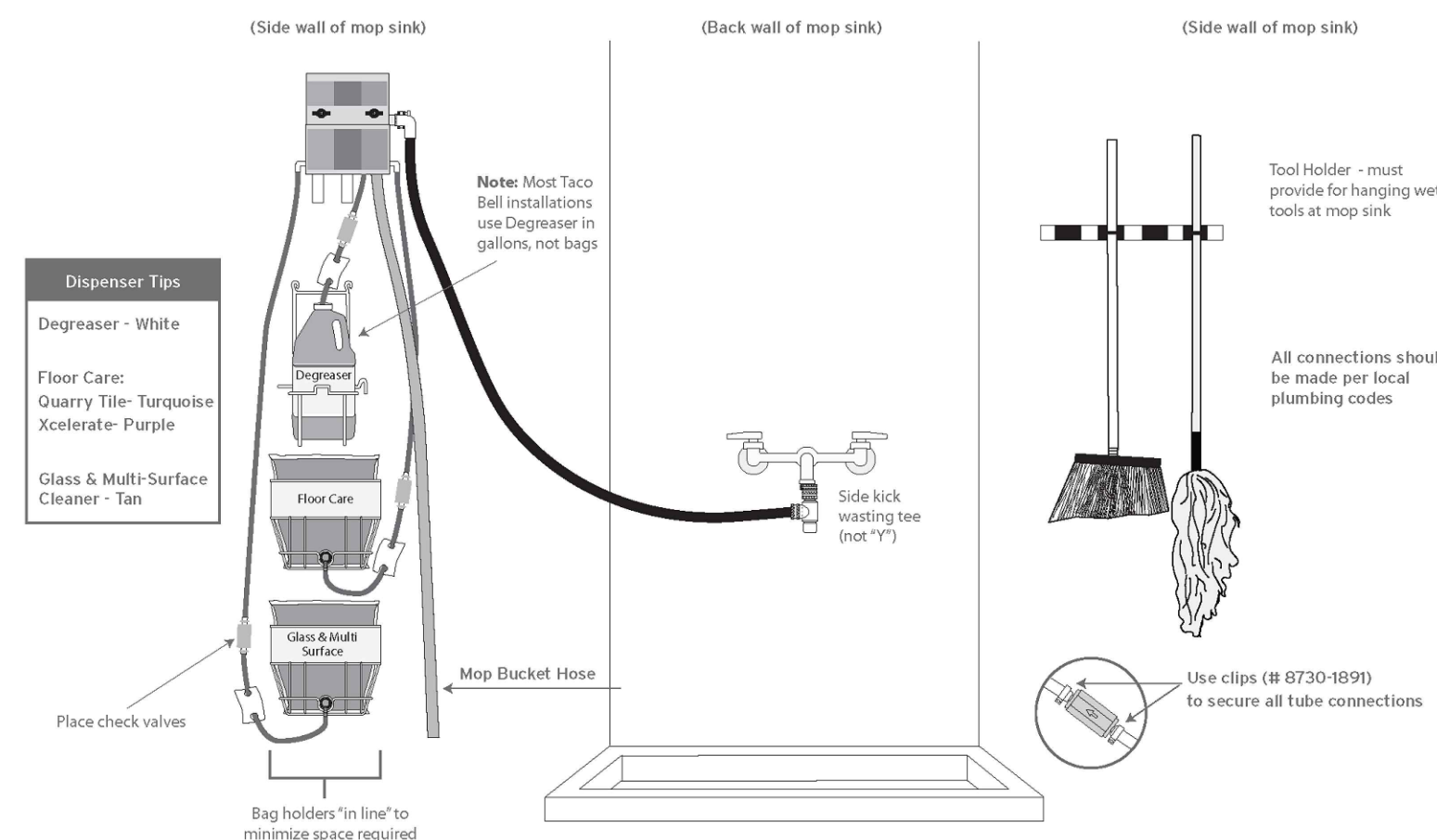
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



INTERIOR ELEVATIONS KITCHEN
A8.2
 PERMIT PLOT DATE:

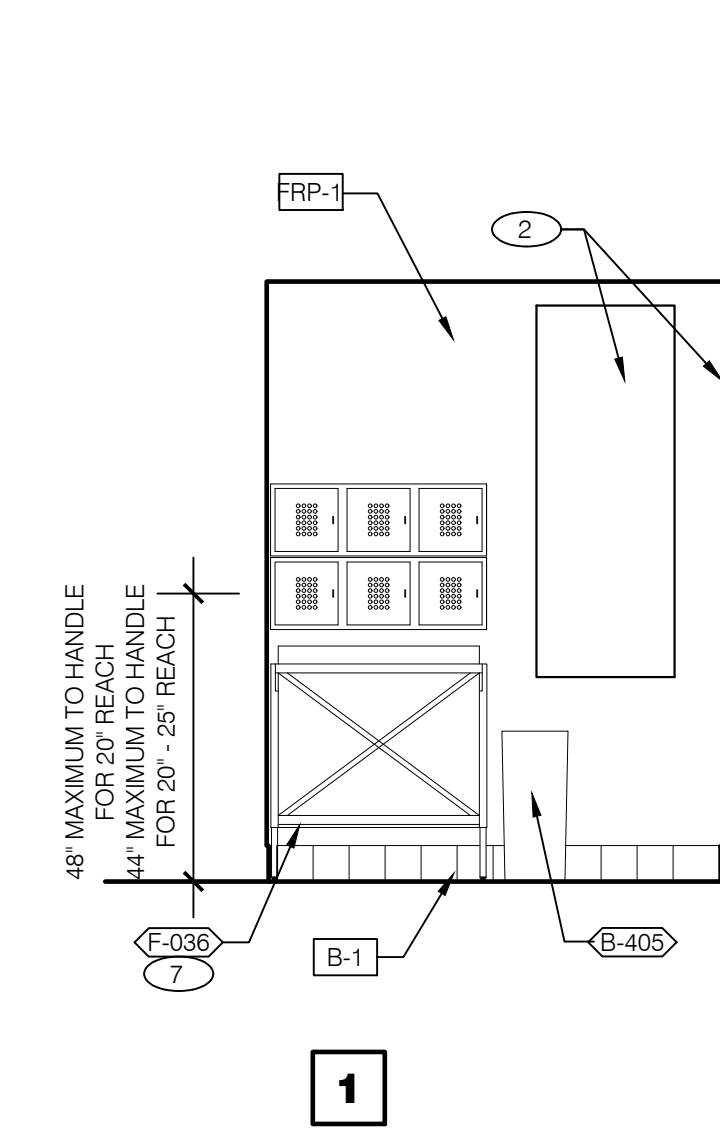
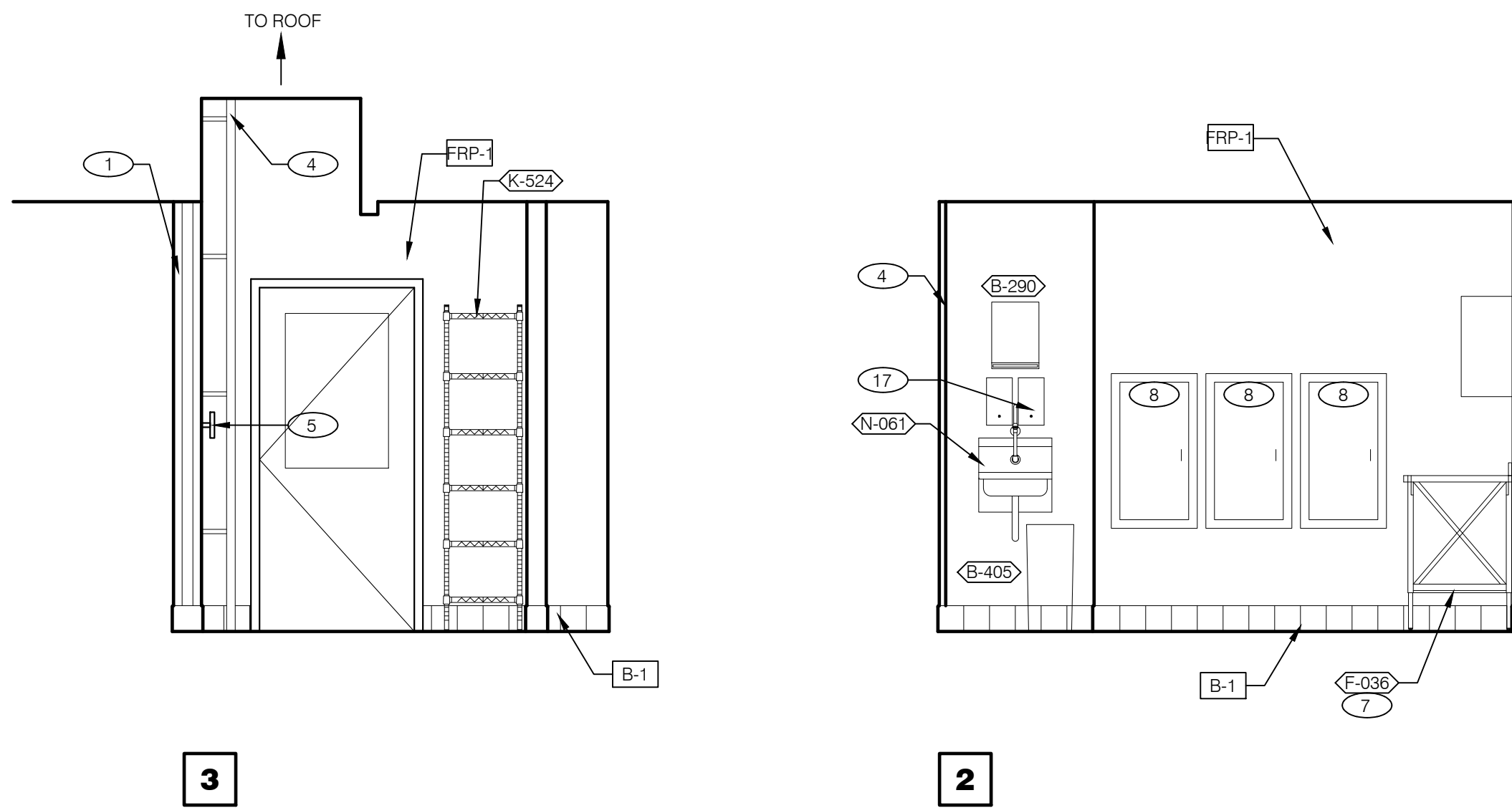
Taco Bell Mop Sink Installation



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

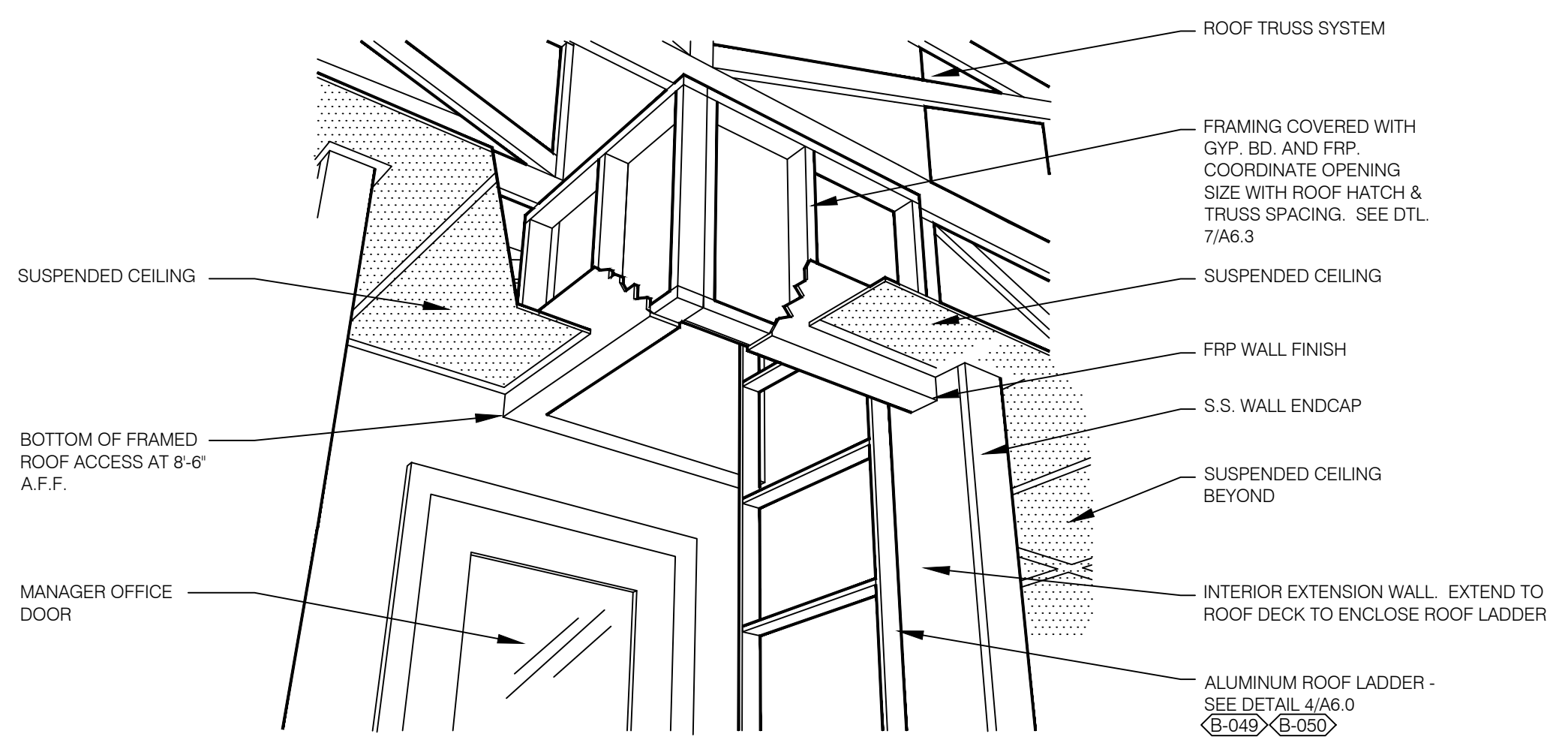
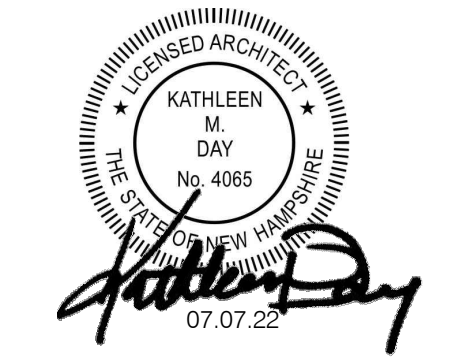
ECOLAB Key Chemical Company
 8300 Capital Drive
 Greensboro, NC 27409-9790, USA
 800.529.5458

MOP SINK INSTALLATION N.T.S. **C**

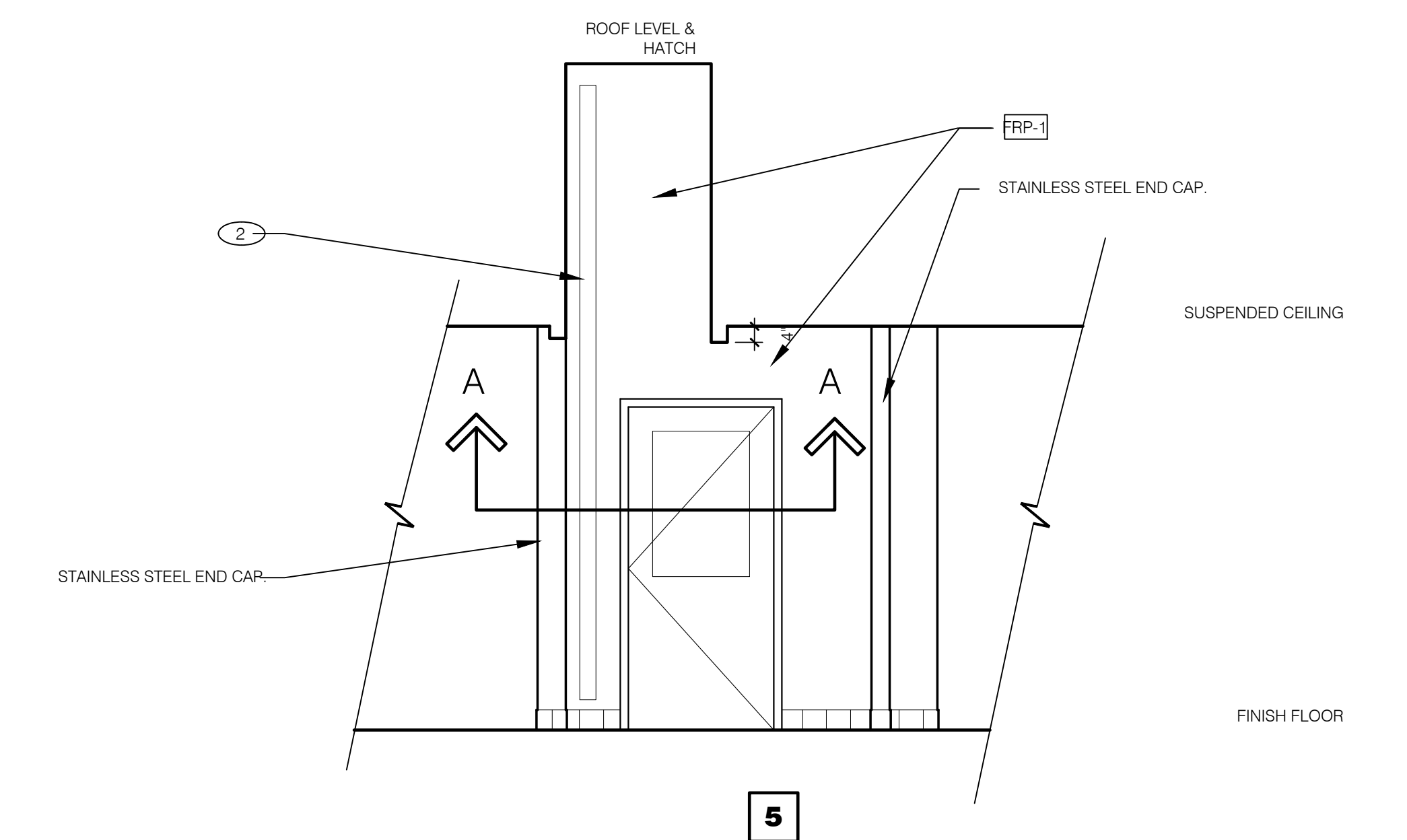


PRE-PAY 3/8"=1'-0"

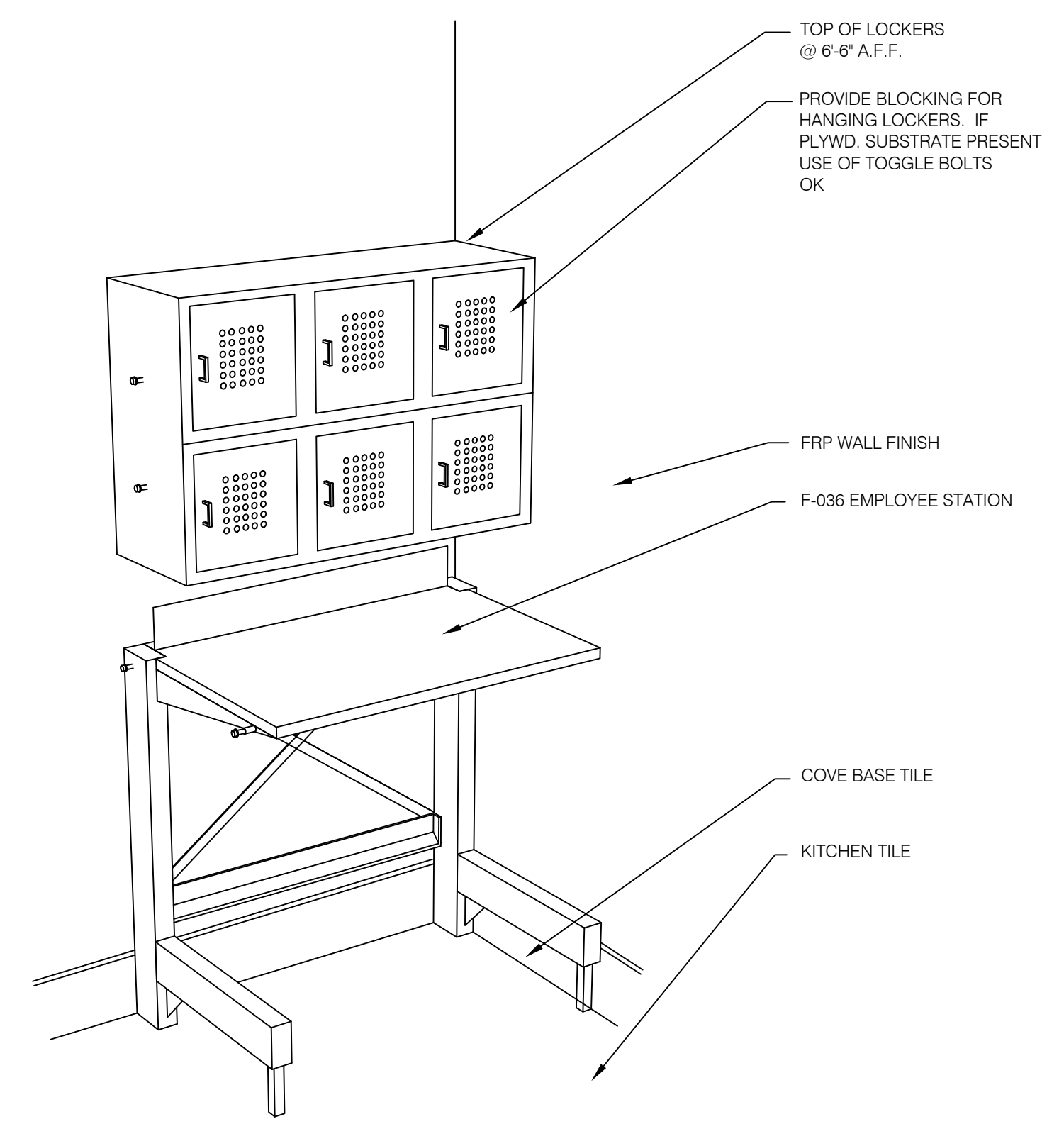
Kathleen Day, architect
 8335 ferry road
 waynesville, oh 45068
 617.331.2545
 kathleendayarchitect@gmail.com



A - ROOF LADDER VIEW



ROOF ACCESS PASSAGEWAY N.T.S. **D**



WORK STATION N.T.S. **B**

NOT USED

- 1 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 11/A6.3.
- 2 FRP OVER WINDOW INFILL
- 3 SOAP / HAND SANITIZER DISPENSER - BY ECOLAB.
- 4 ROOF LADDER.
- 5 ANSUL PULL STATION.
- 6 WALL SHOWN PARALLEL TO VIEW FOR CLARITY.
- 7 EMPLOYEE WORK STATION. REFER TO DETAIL B THIS SHEET.
- 8 ELECTRICAL PANEL. REFER TO ELECTRICAL SHEETS.

KEY NOTES **A**

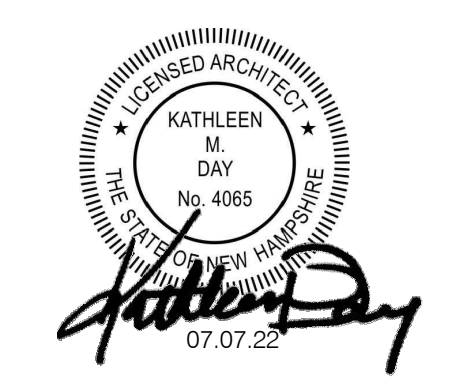
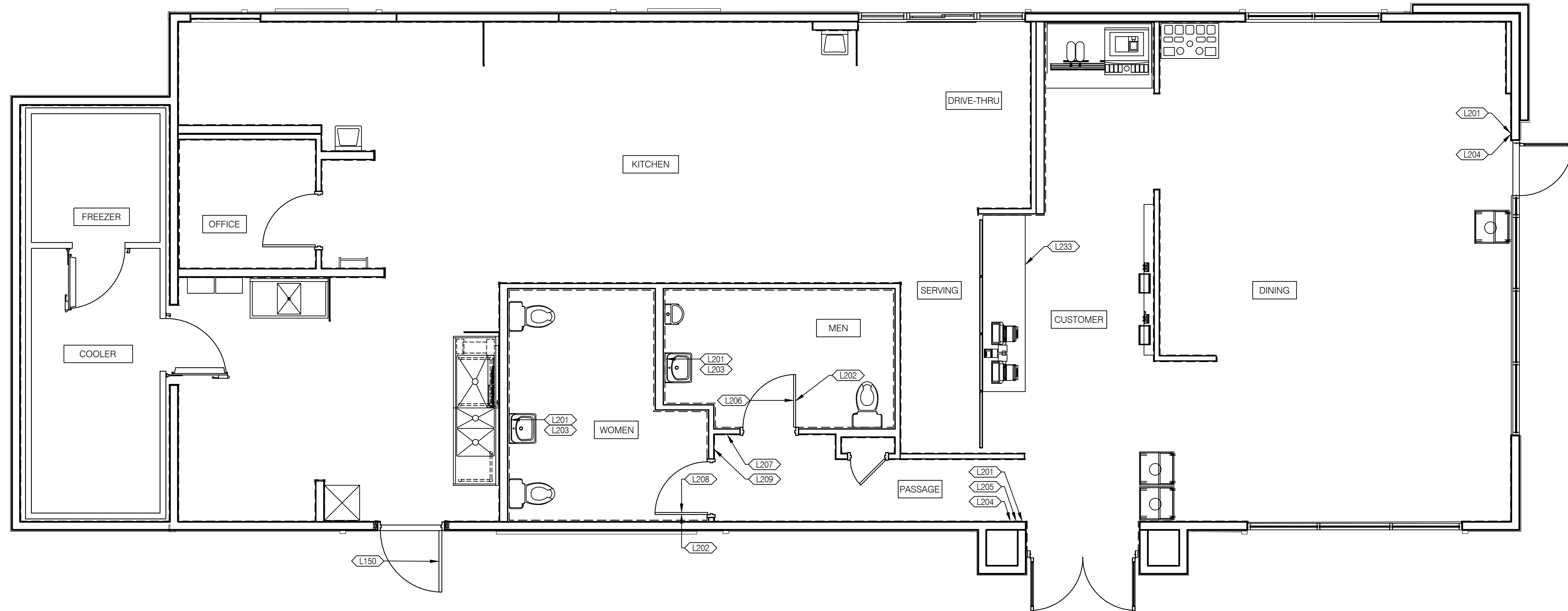
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
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TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

INTERIOR ELEVATIONS KITCHEN A8.3

PERMIT PLOT DATE:



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L150	Security Door Danger Sign			60" A.F.F.	1	At Service Door
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	60" A.F.F.	4	1 in each restroom, 1 at each 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 9	60" A.F.F.	2	1 inside each restroom (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.	2	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' to center of sign	1	Above customer exit. 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 10 x 6.5	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 10 x 6.5	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	At front counter

STANDARD REQUIRED SIGNAGE **D**

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 9	60" A.F.F.	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	Landfill / Plastic, Metal, Glass / Paper	Landfill / Plastic, Metal, Glass / Paper	1/16 x 8.5 x 3	60" A.F.F.	(2) 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	

ALTERNATE SIGNAGE **B**

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



SIGNAGE PLAN
G4.0
 PERMIT PLOT DATE:



3 STREAM TRASH 1 - BIN LABELS (L220) 13



WOMEN RESTROOM WHITE SIGN (L208) 9



EXIT BRAILLE SIGN (L204) 5



This is a smoke-free establishment

NO SMOKING SIGN (L201) 1



3 STREAM TRASH 2 - LABELS (L221) 14



WOMEN RESTROOM BRAILLE SIGN (L209) 10



OCCUPANCY SIGN (L205) 6



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



CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

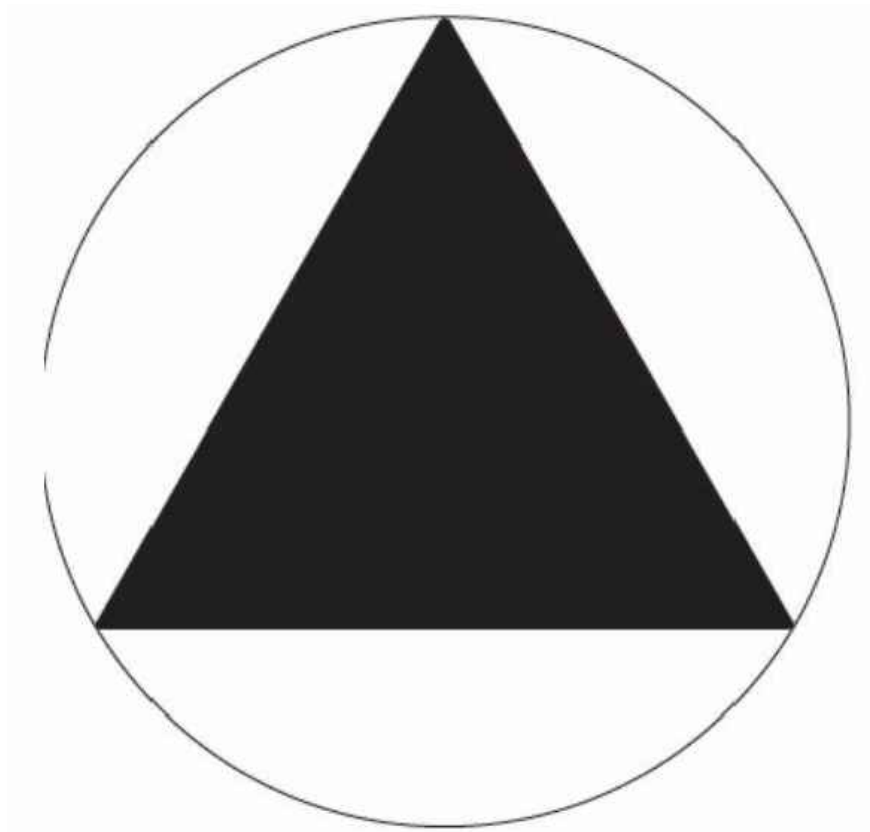
TACO BELL
525 Hooksett Road
Manchester, New Hampshire 03104



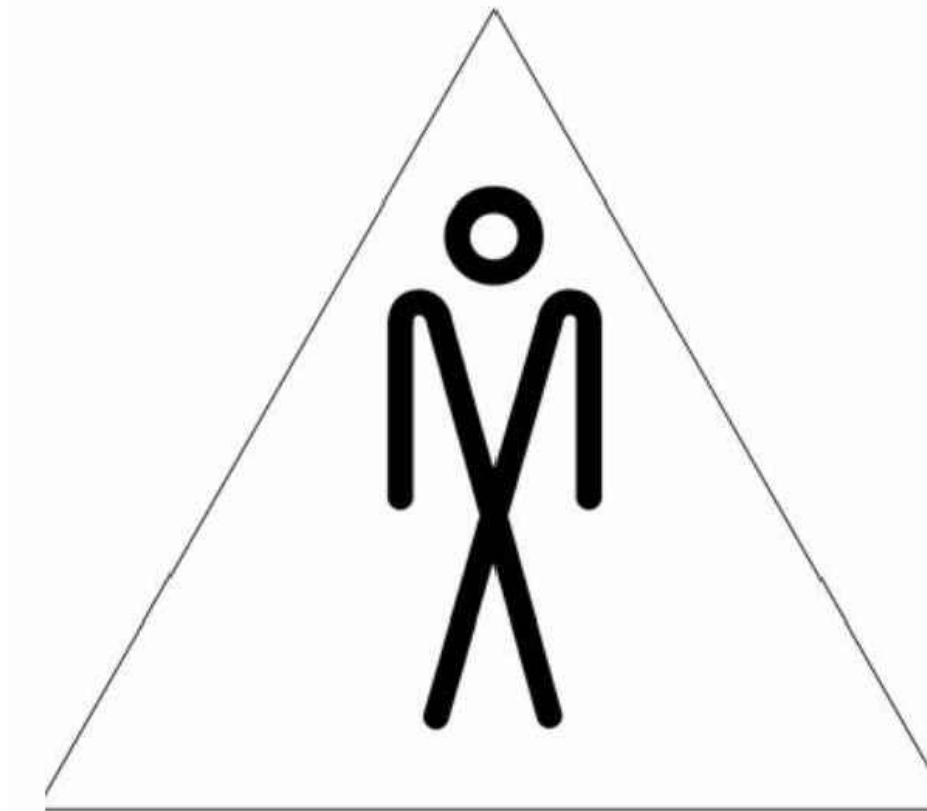
SIGNAGE
DETAILS

G4.1

PERMIT PLOT DATE:



GENDER NEUTRAL RESTROOM SIGNAGE (L228) 11



MEN RESTROOM WHITE SIGN (L206) 7



IF YOU NEED ASSISTANCE (L233) 12



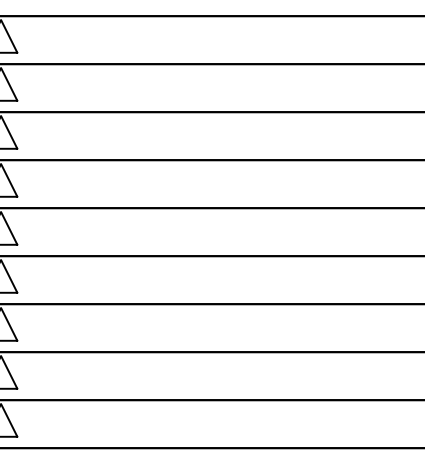
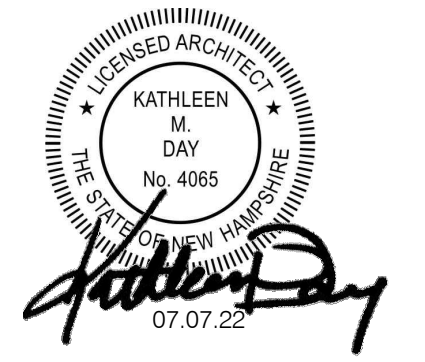
MEN RESTROOM BRAILLE SIGN (L207) 8



EMPLOYEES
MUST

wash their hands
before
returning to work

HAND WASH NOTICE SIGN (L203) 4



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

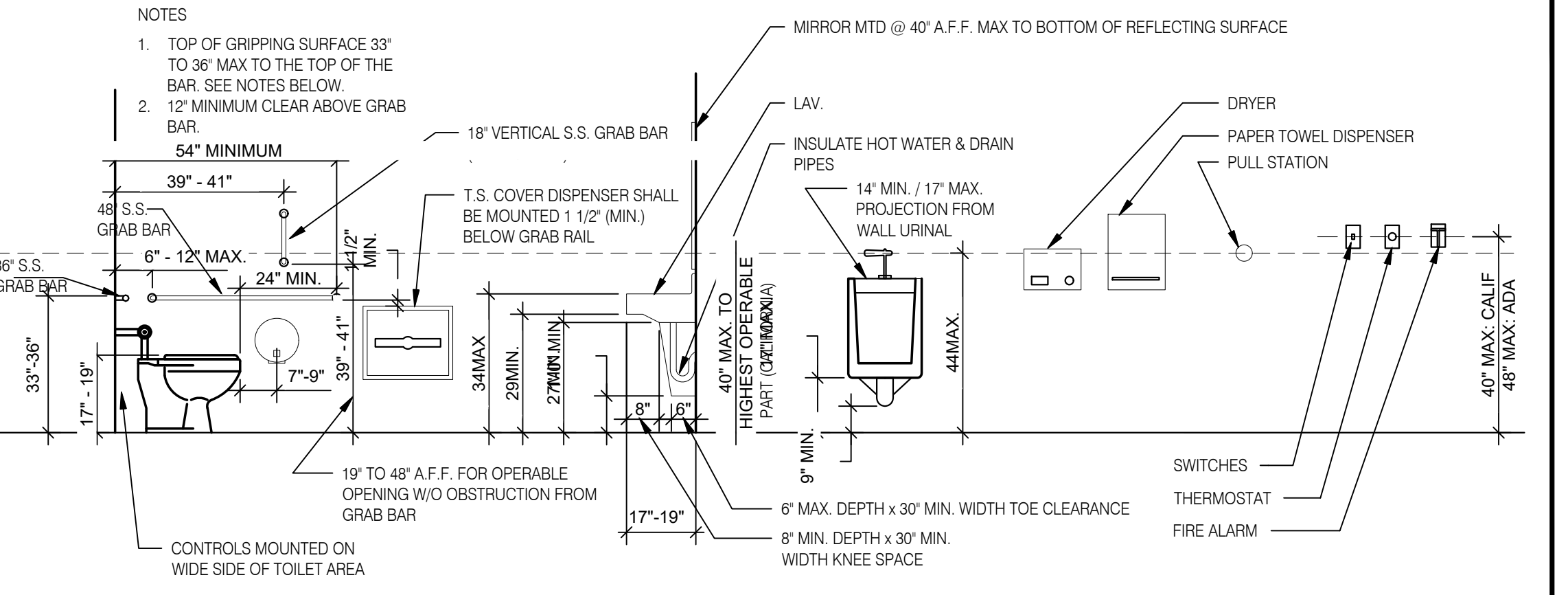
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



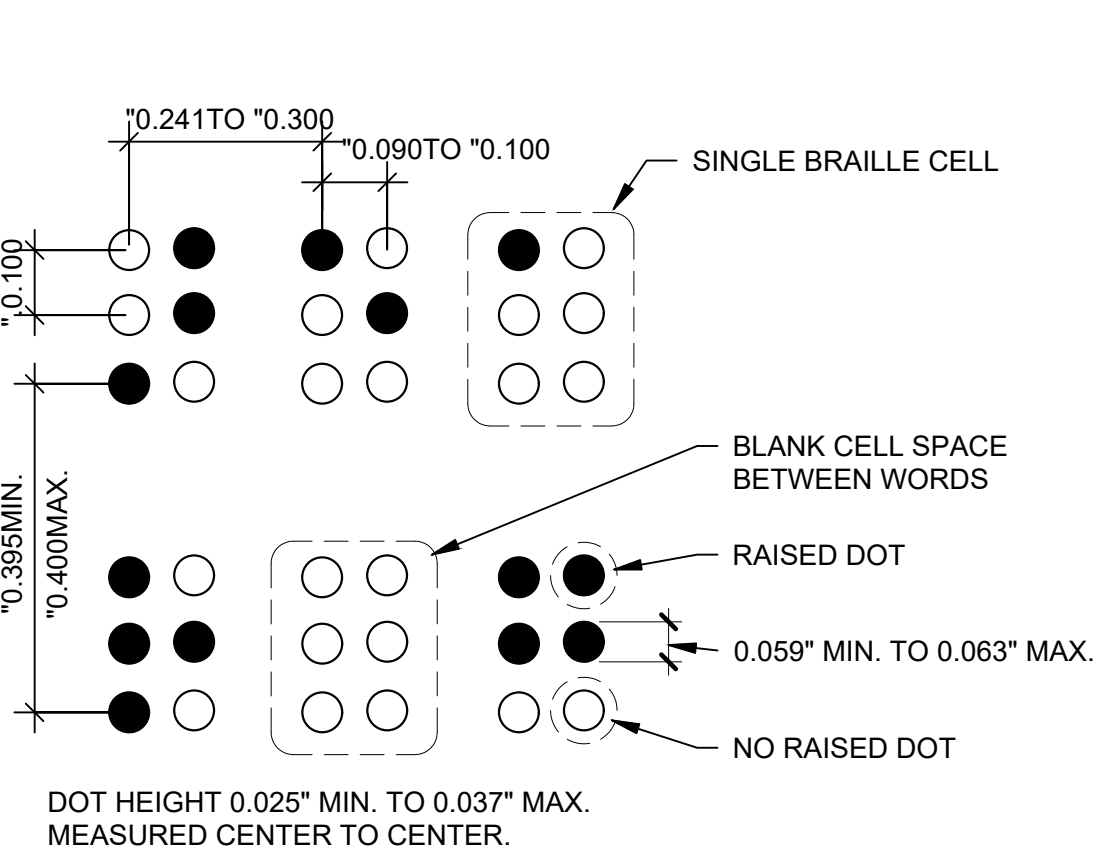
ACCESSIBILITY REQUIREMENTS

ADA1.0

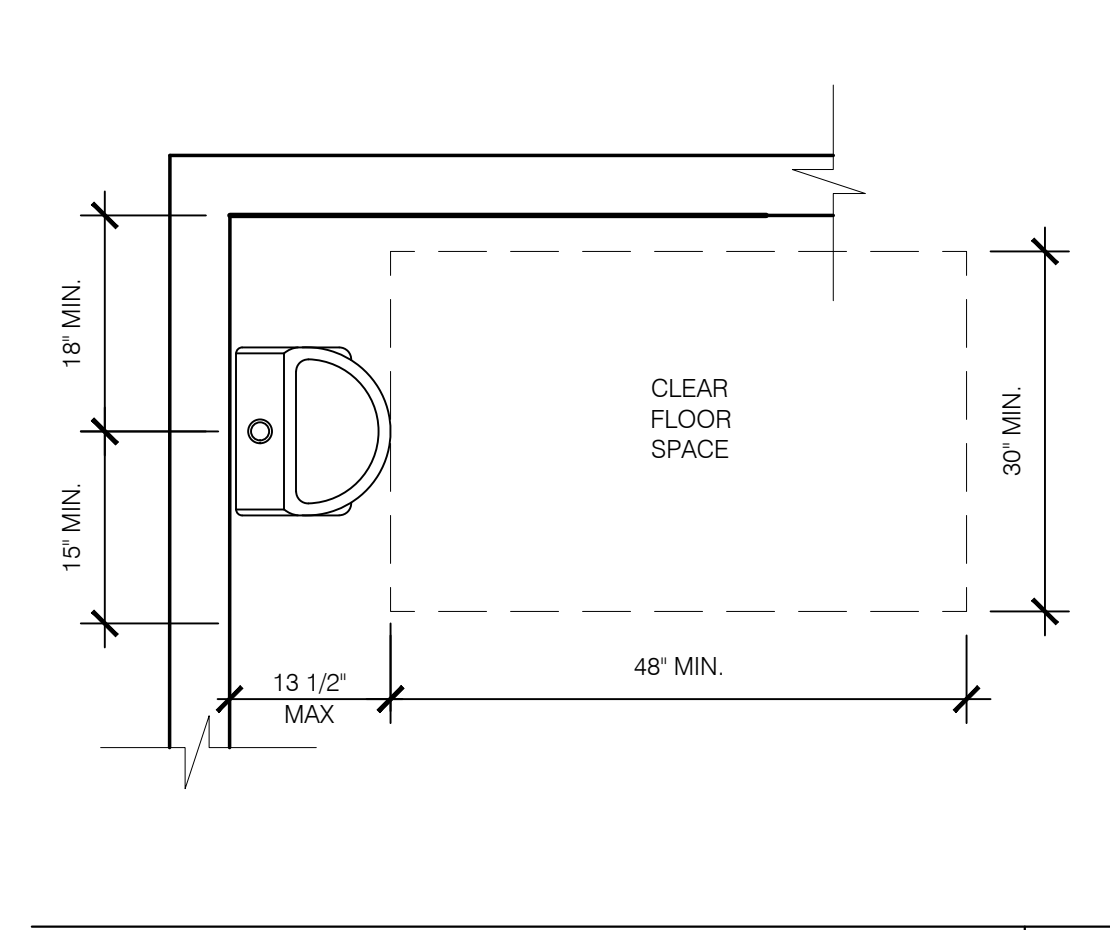
PERMIT PLOT DATE:



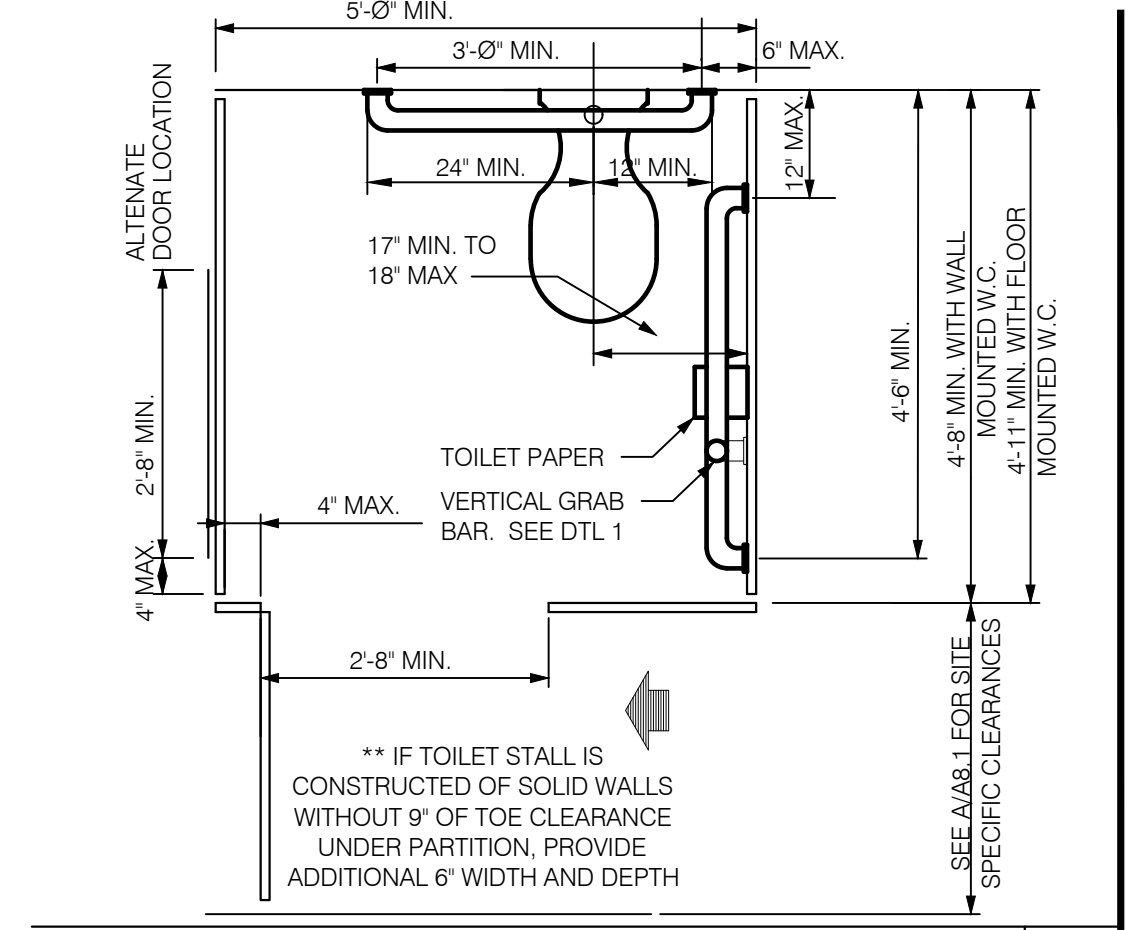
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED N.T.S. **1**



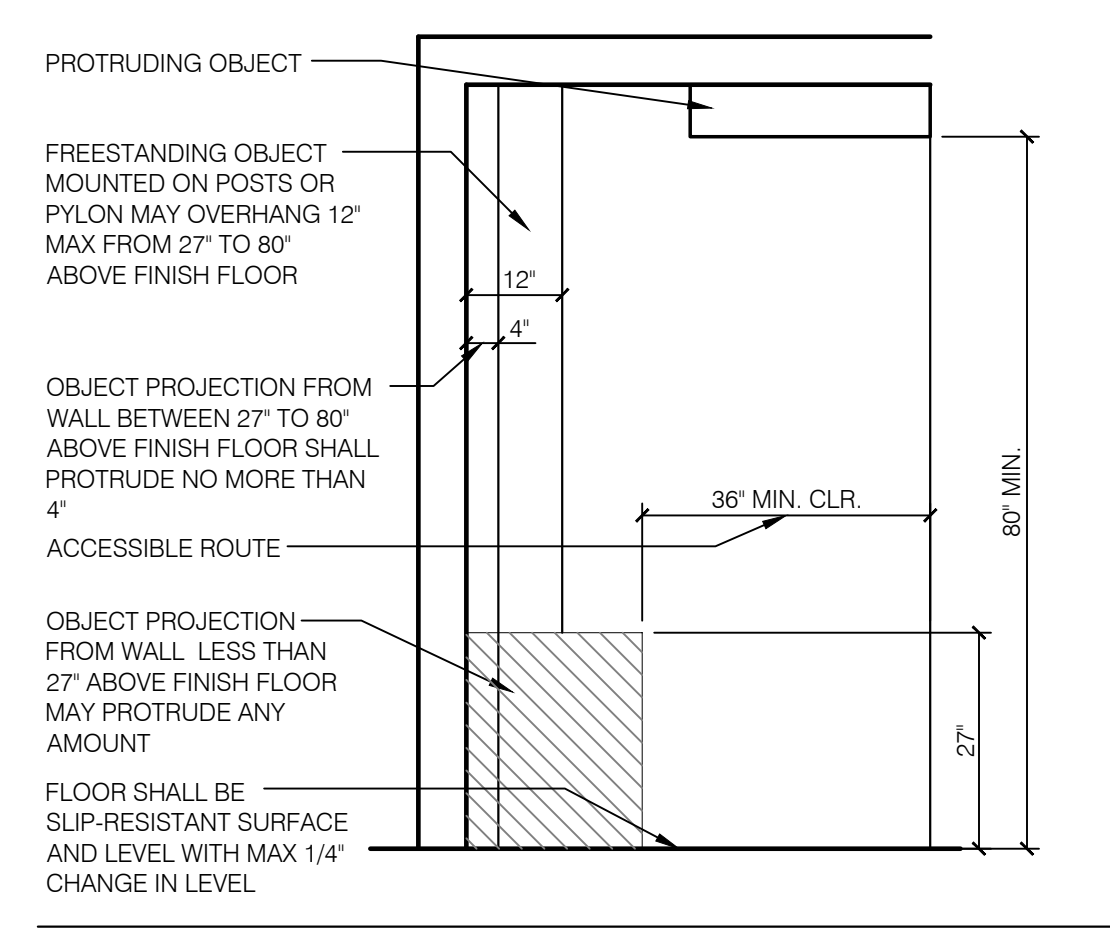
BRILLE MEASUREMENT N.T.S. **9**



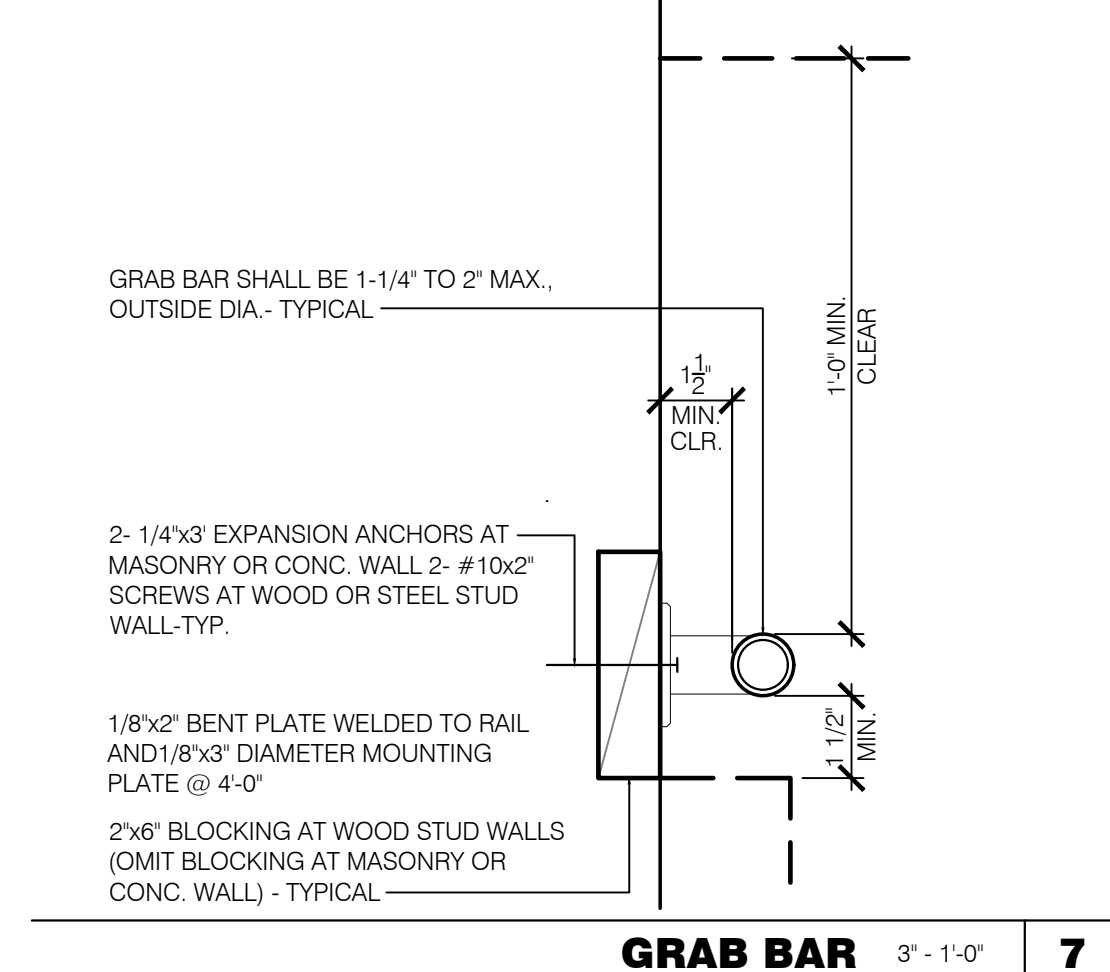
ACCESSIBLE URINAL 3/4" = 1'-0" **6**



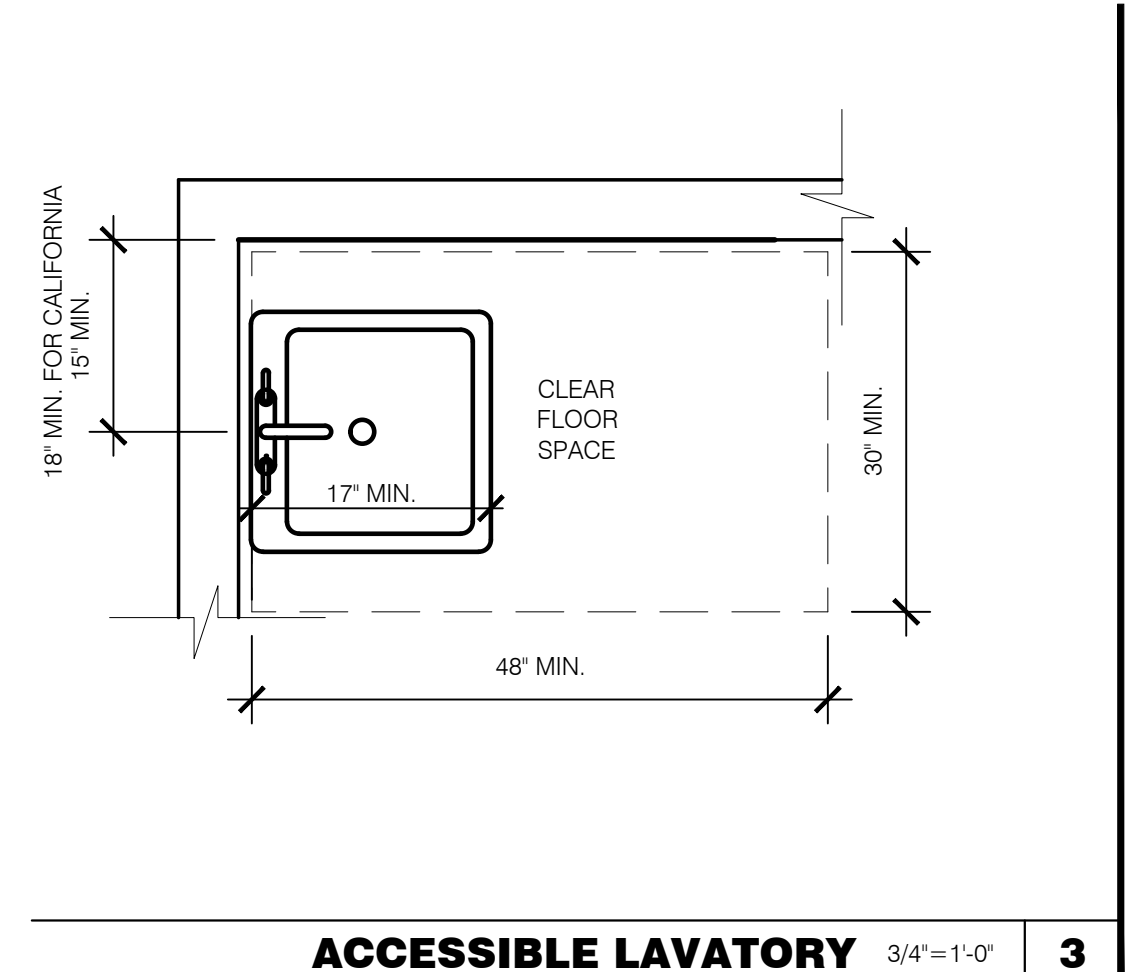
STANDARD TOILET STALL N.T.S. **2**



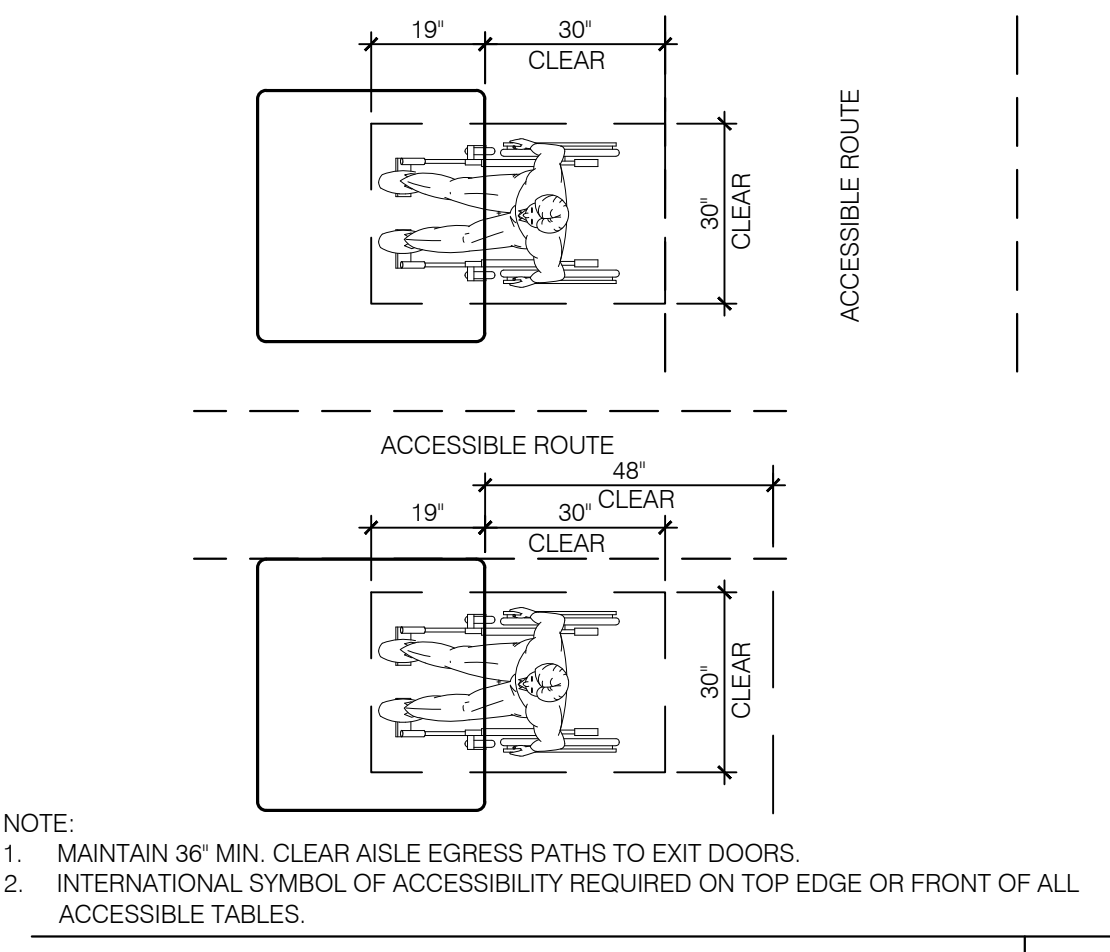
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



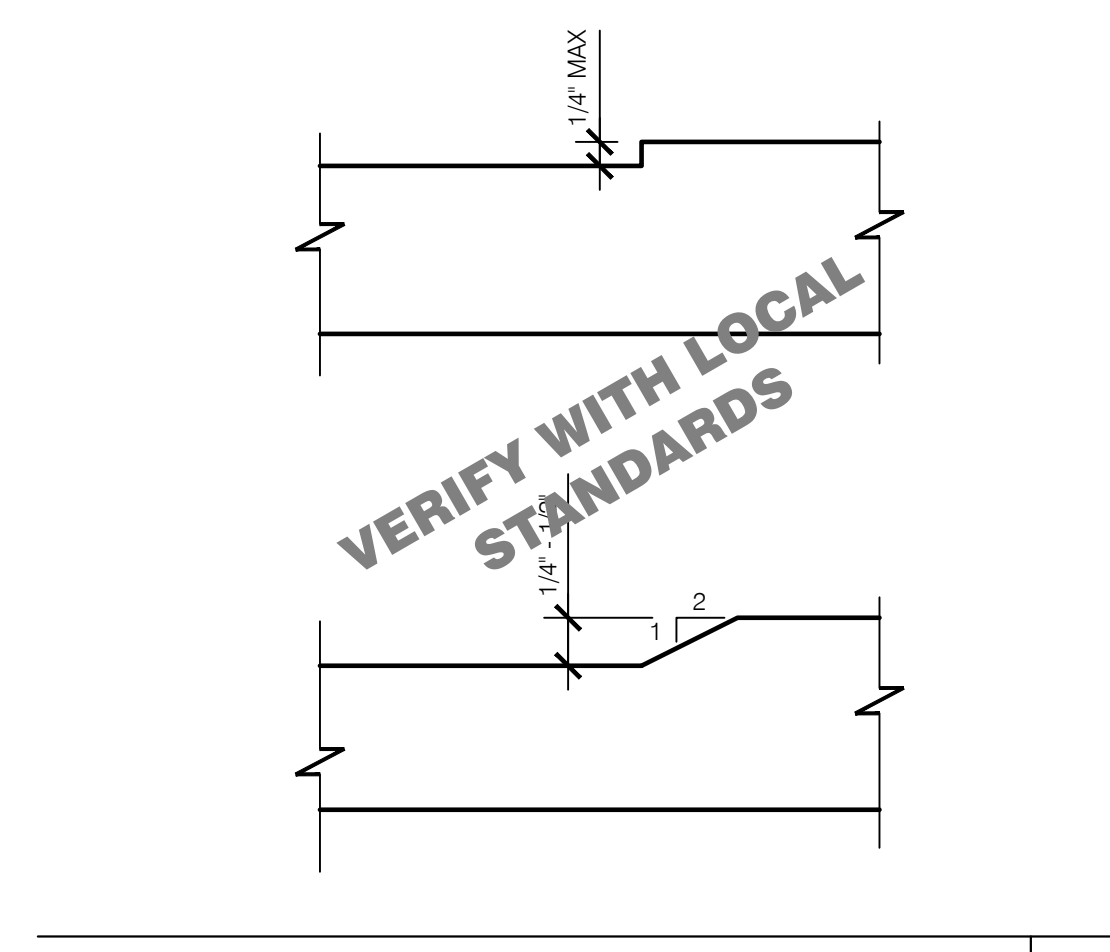
GRAB BAR 3" = 1'-0" **7**



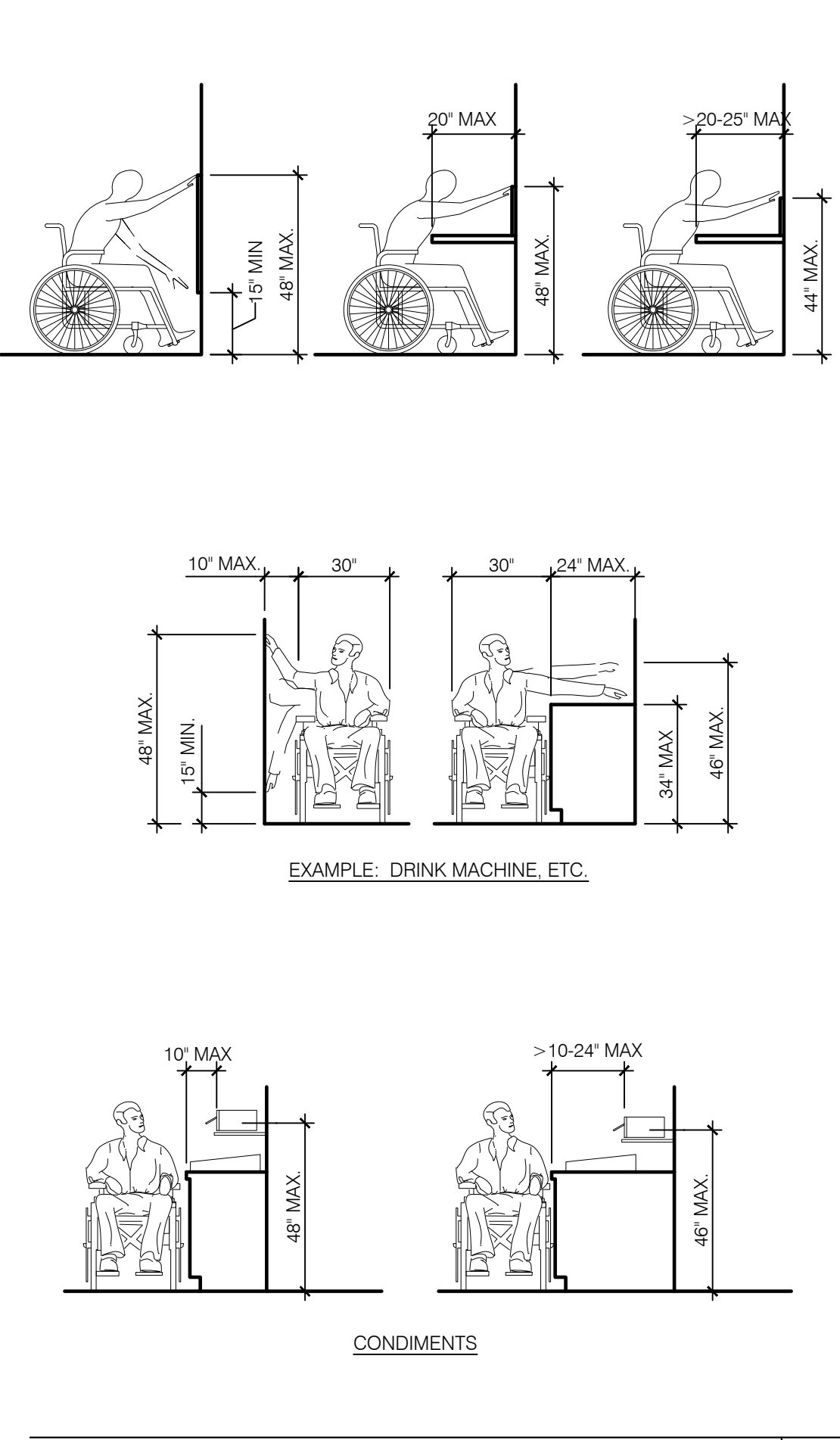
ACCESSIBLE LAVATORY 3/4" = 1'-0" **3**



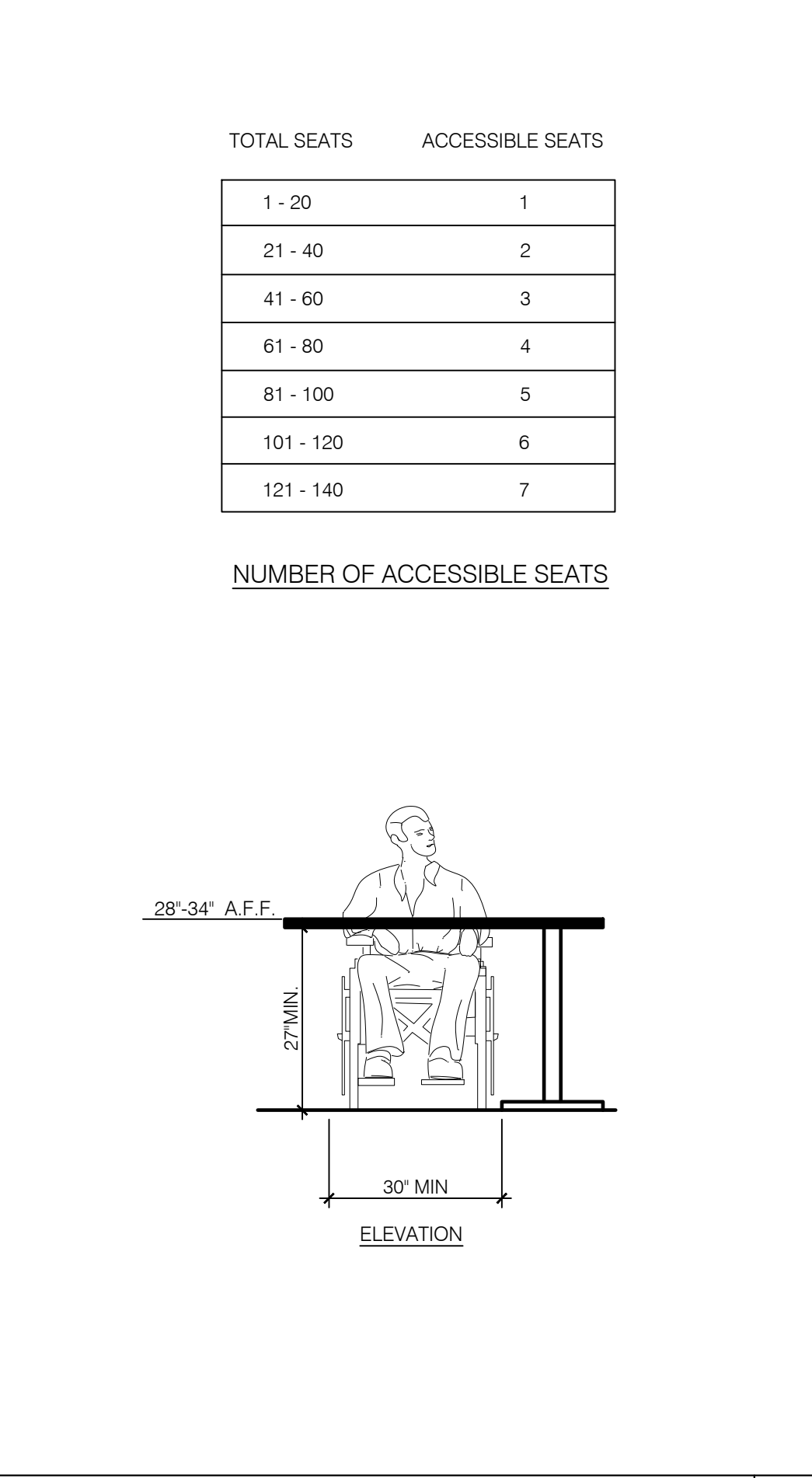
DINING ROOM SEATING CLEARANCES N.T.S. **8**



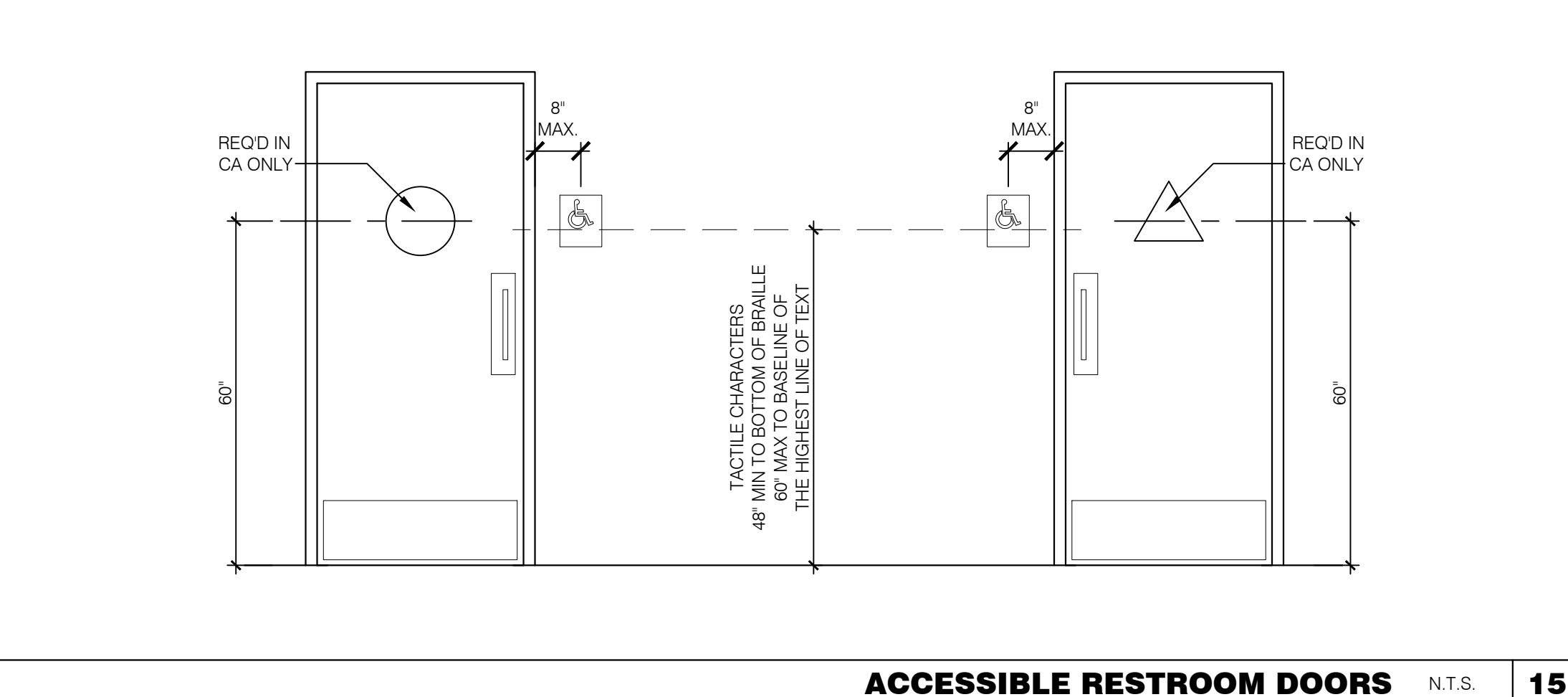
CHANGES IN LEVEL N.T.S. **12**



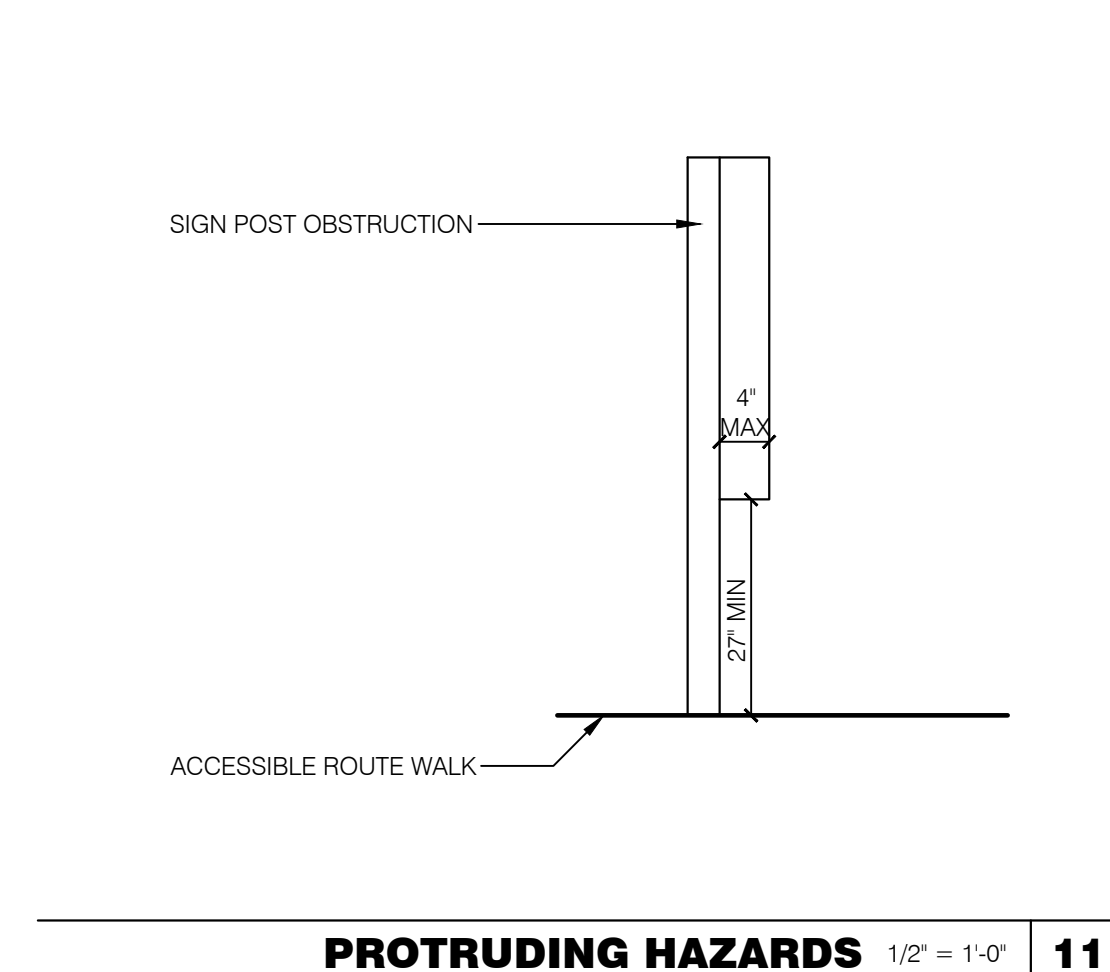
REACH RANGES N.T.S. **14**



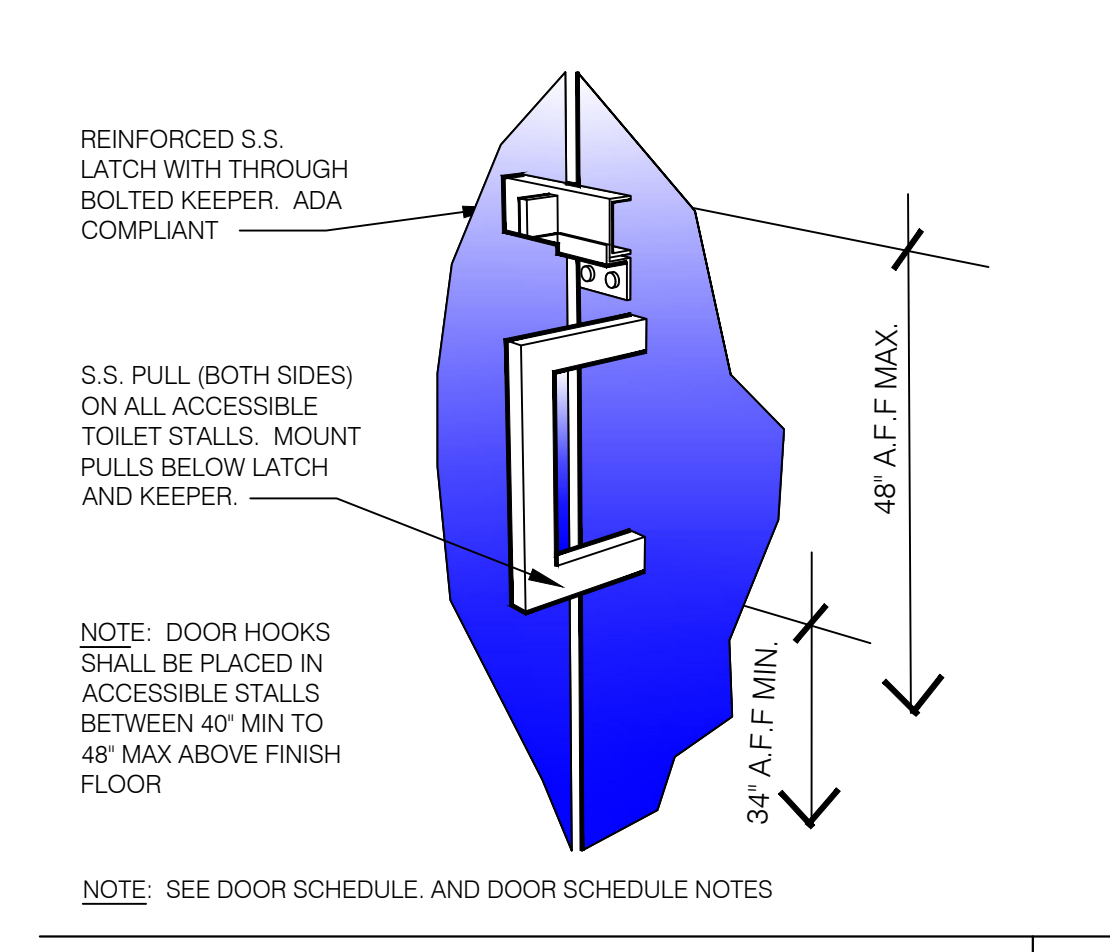
SEATING AND TABLES N.T.S. **18**



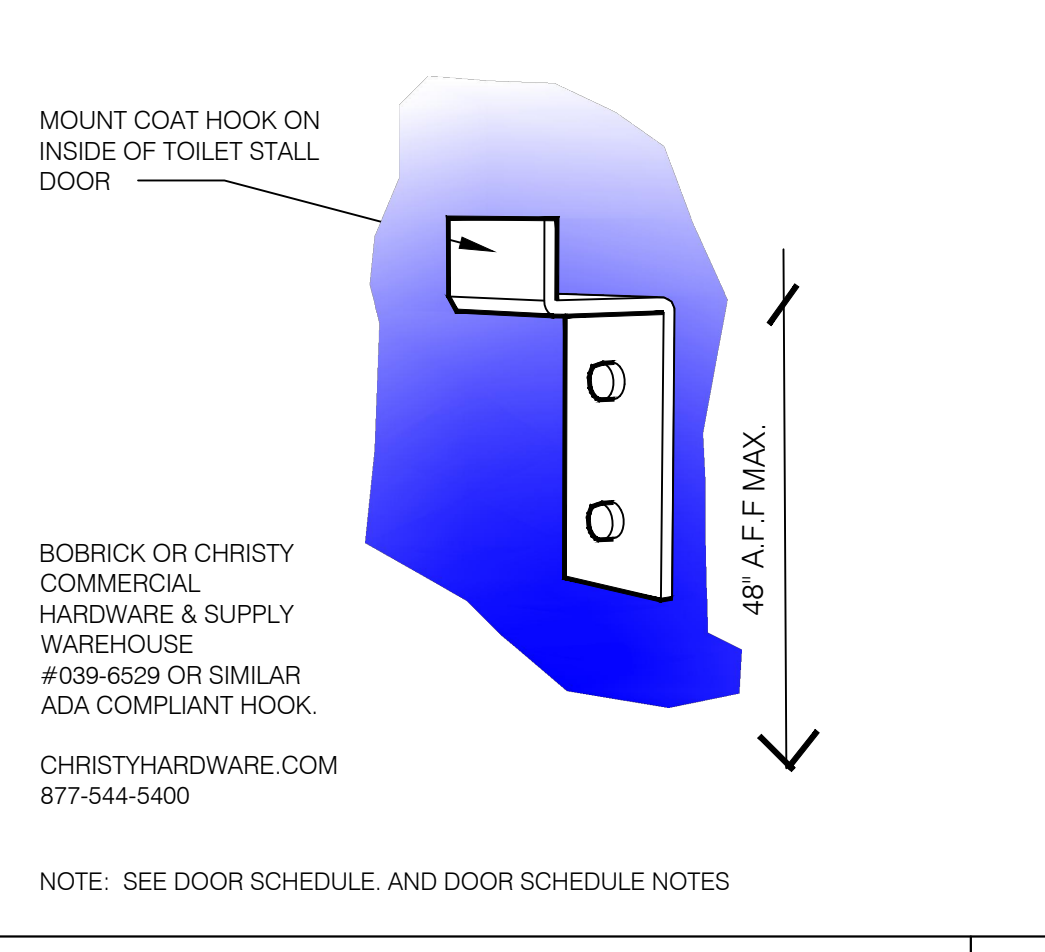
ACCESSIBLE RESTROOM DOORS N.T.S. **15**



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



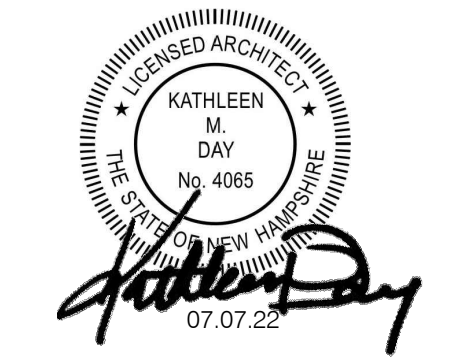
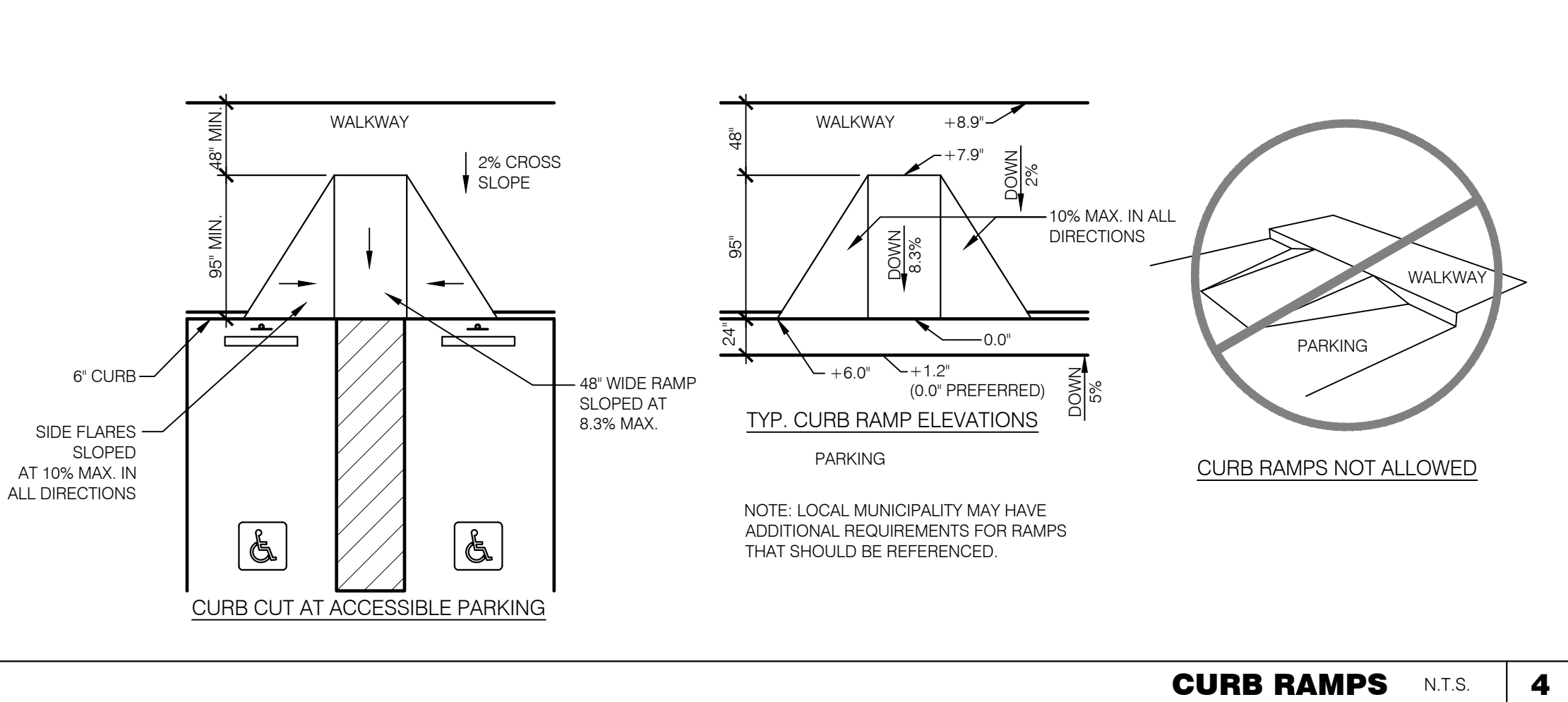
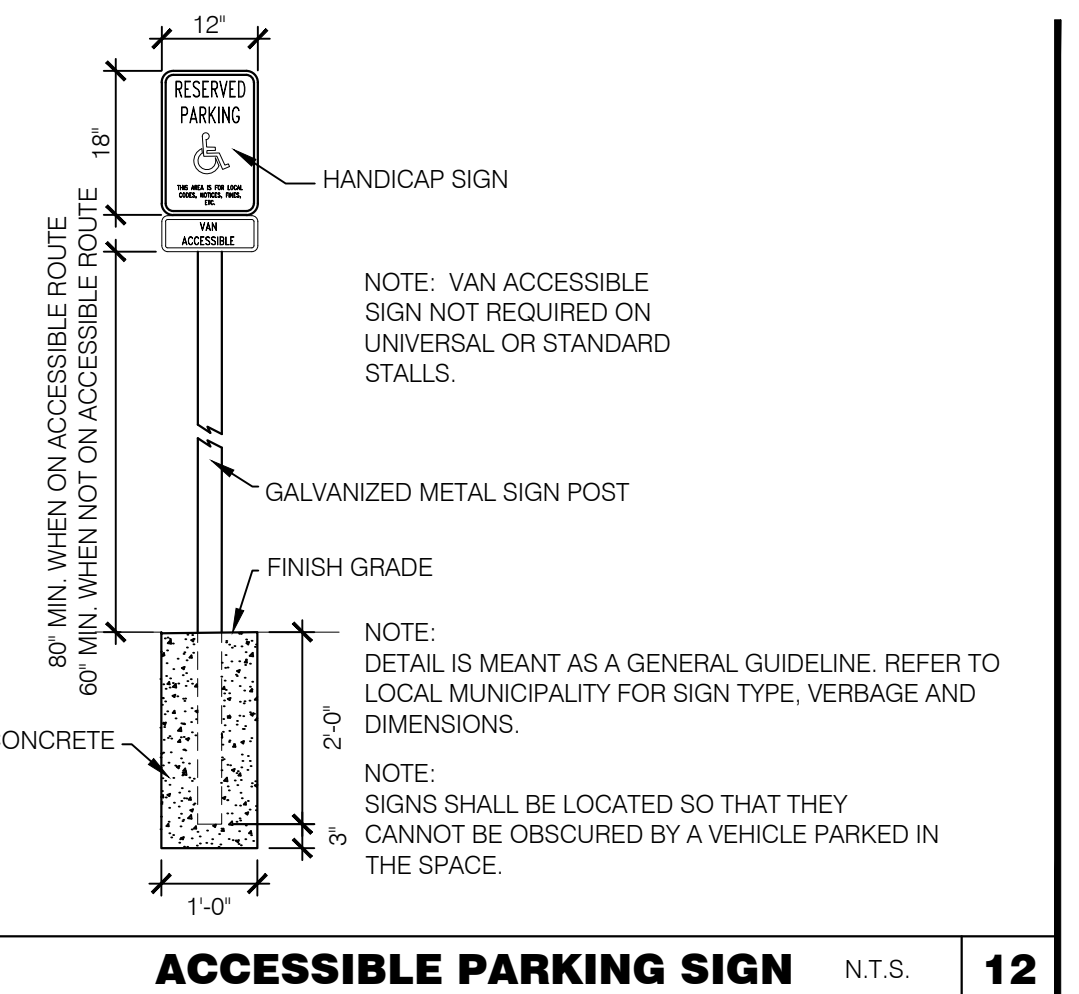
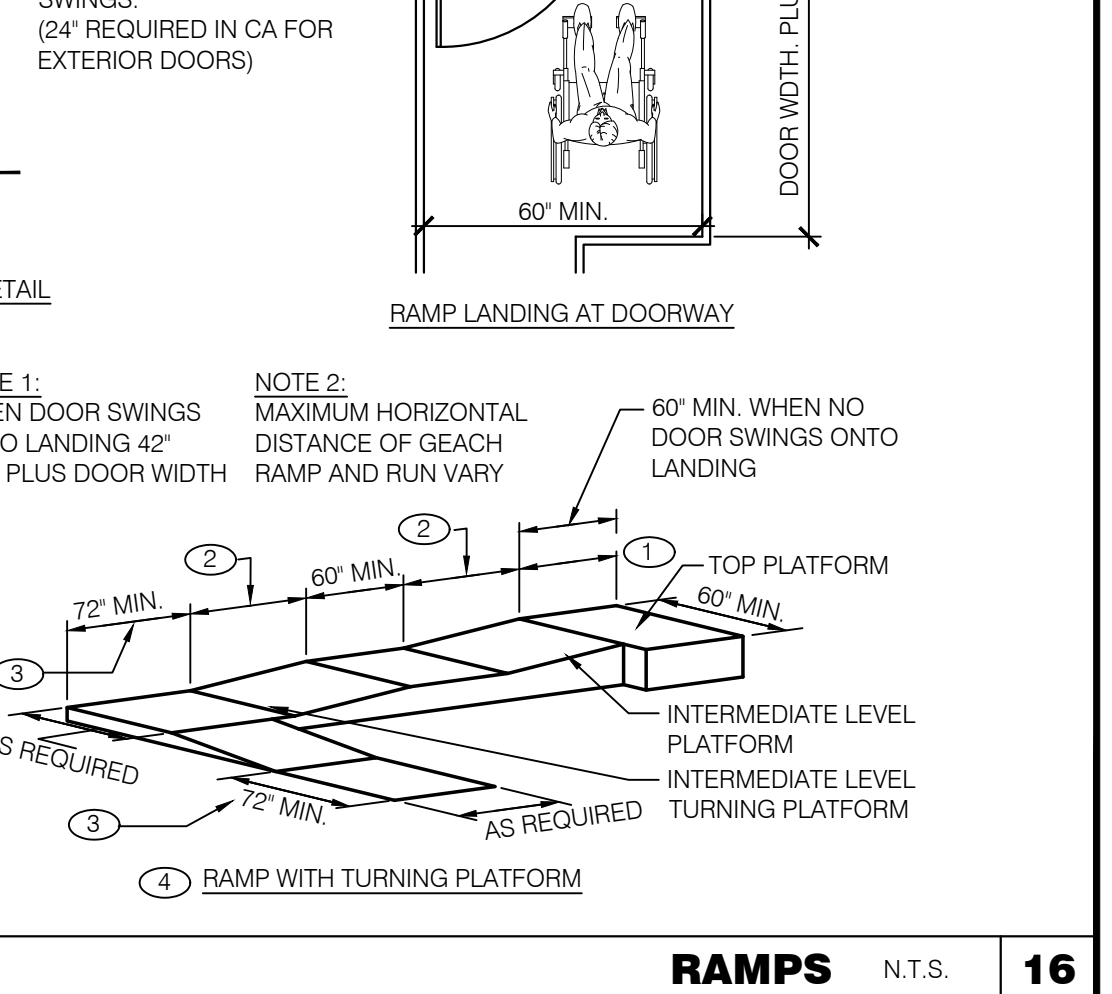
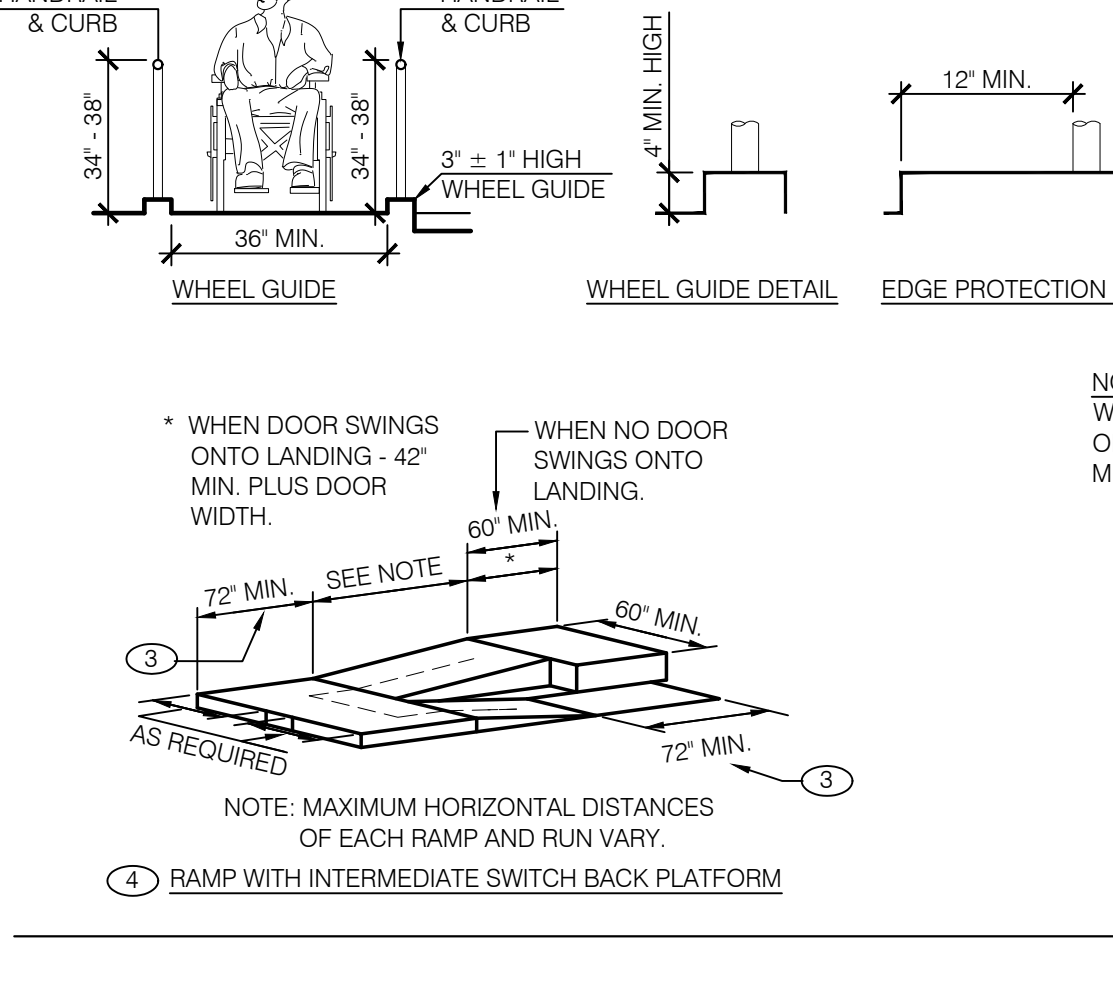
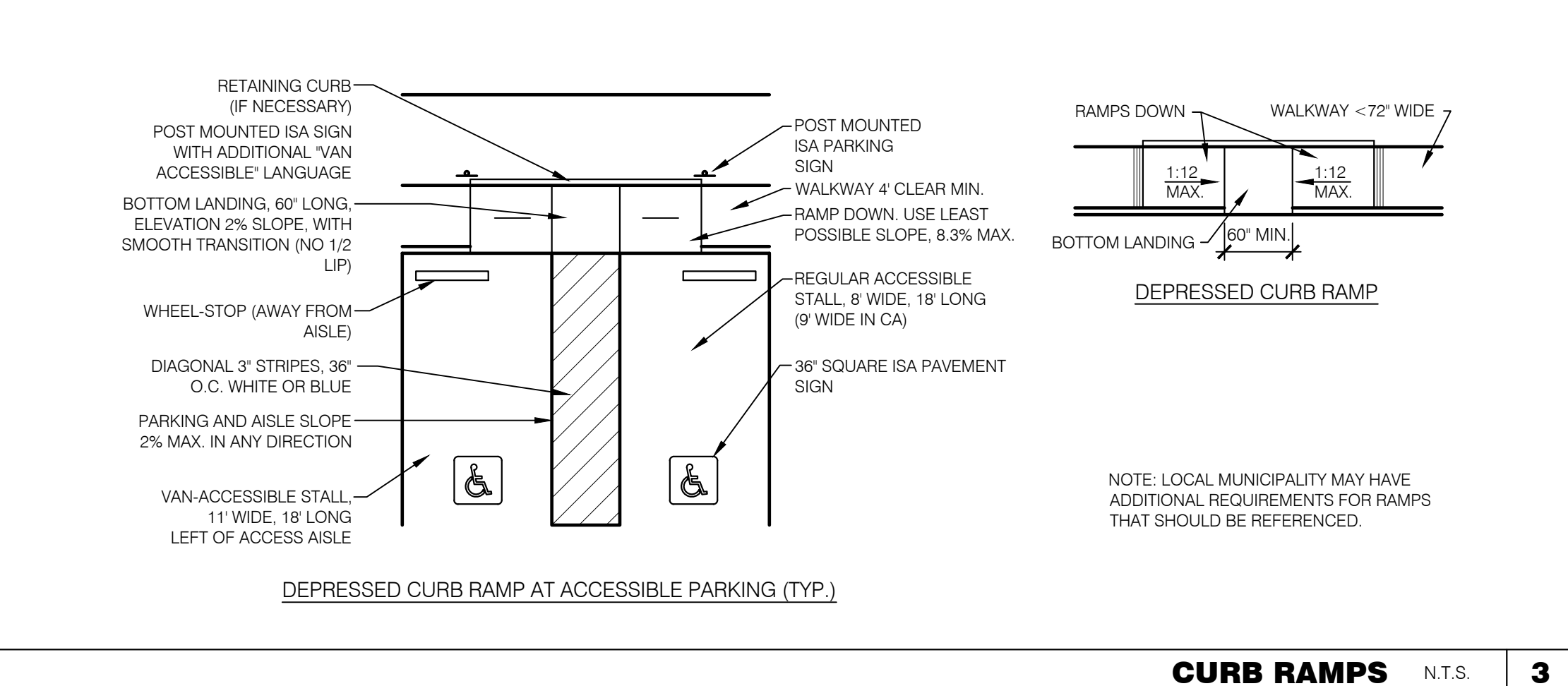
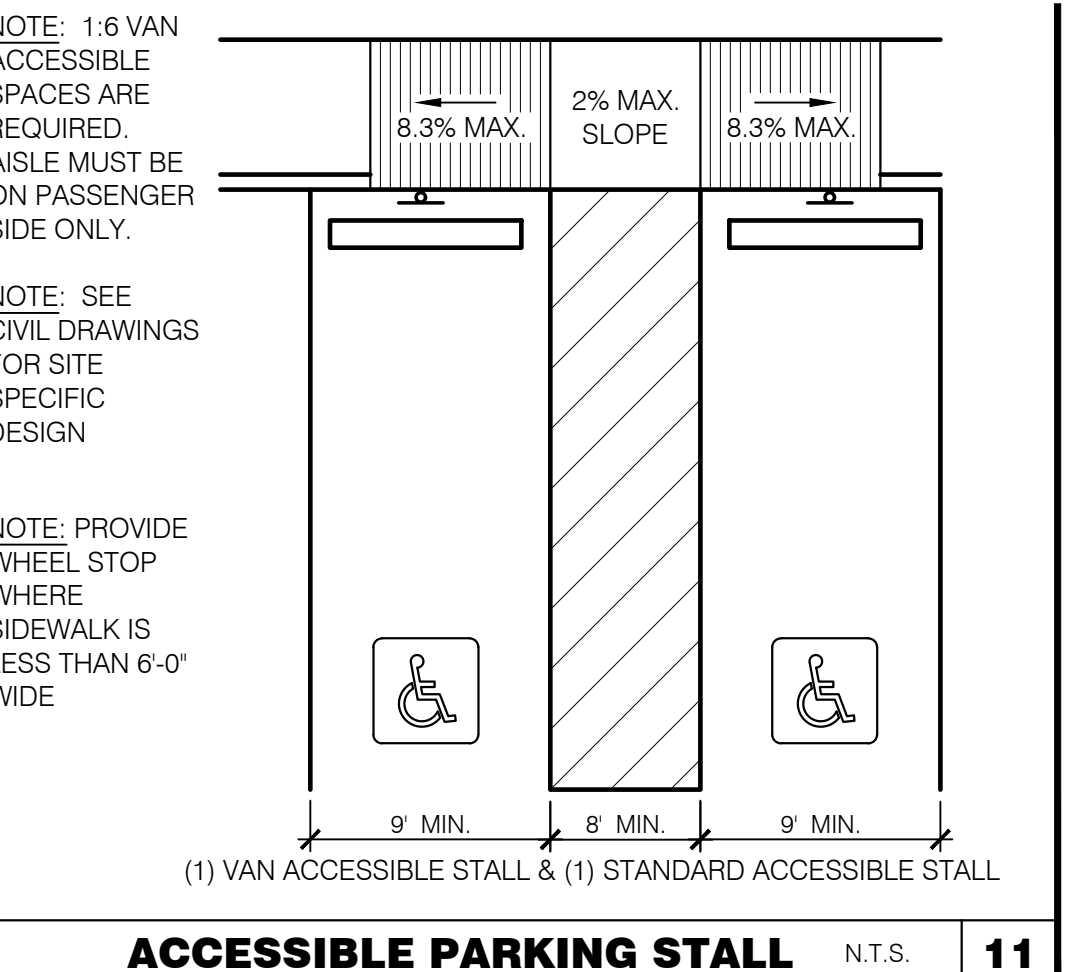
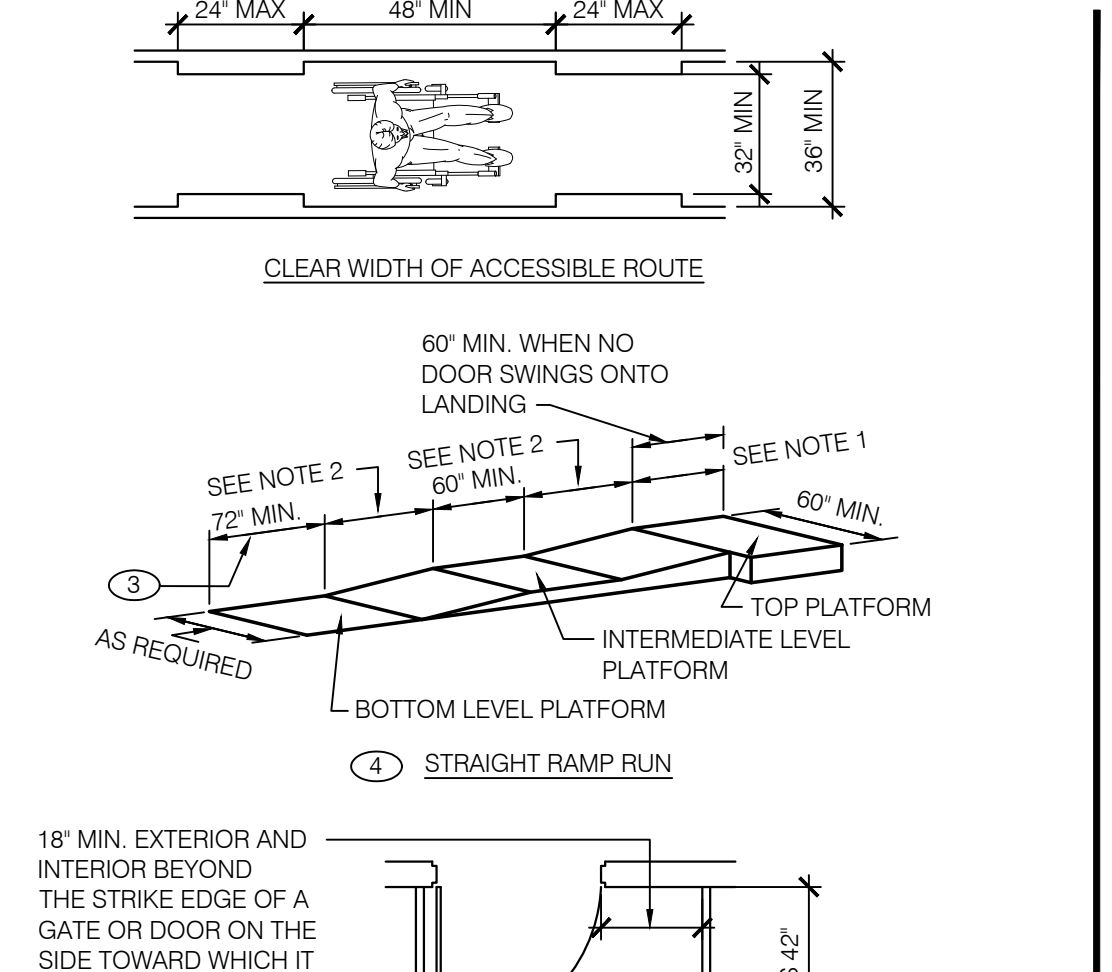
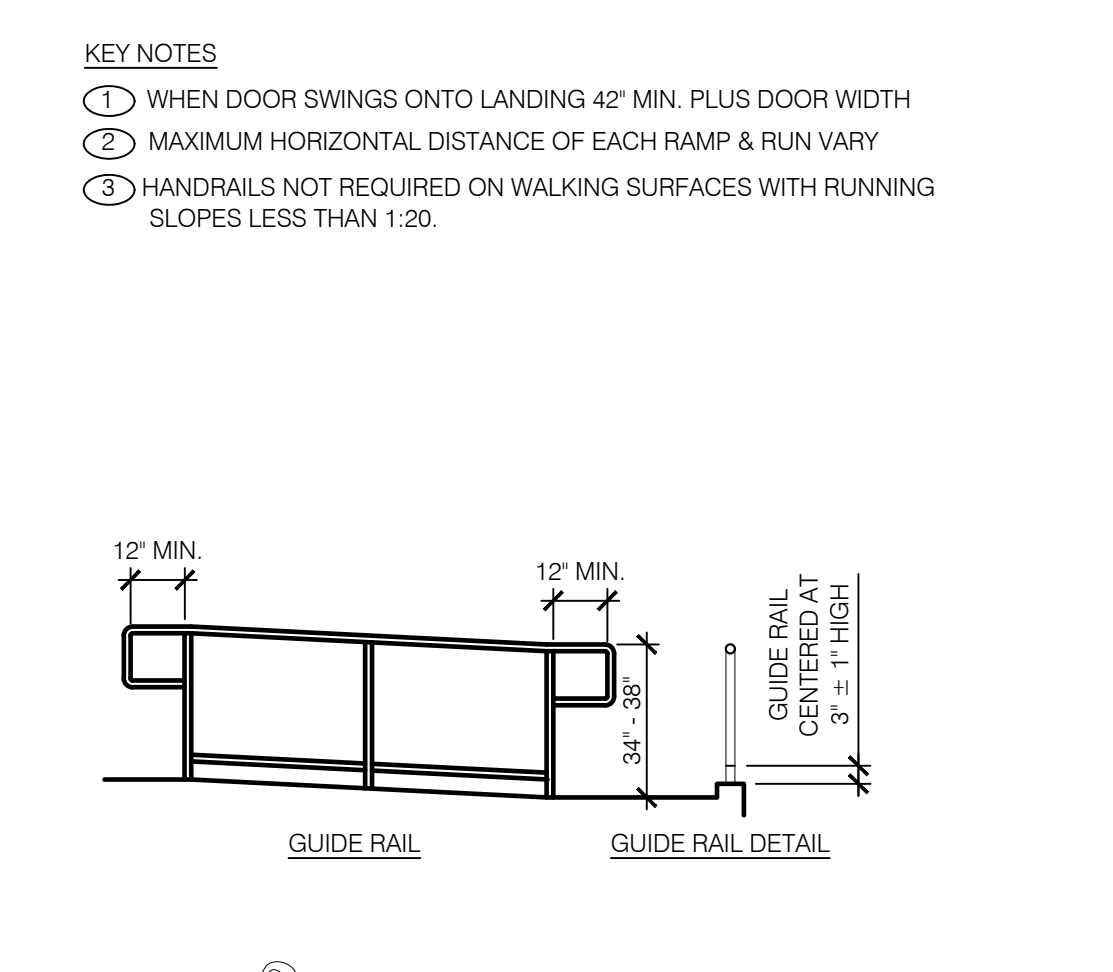
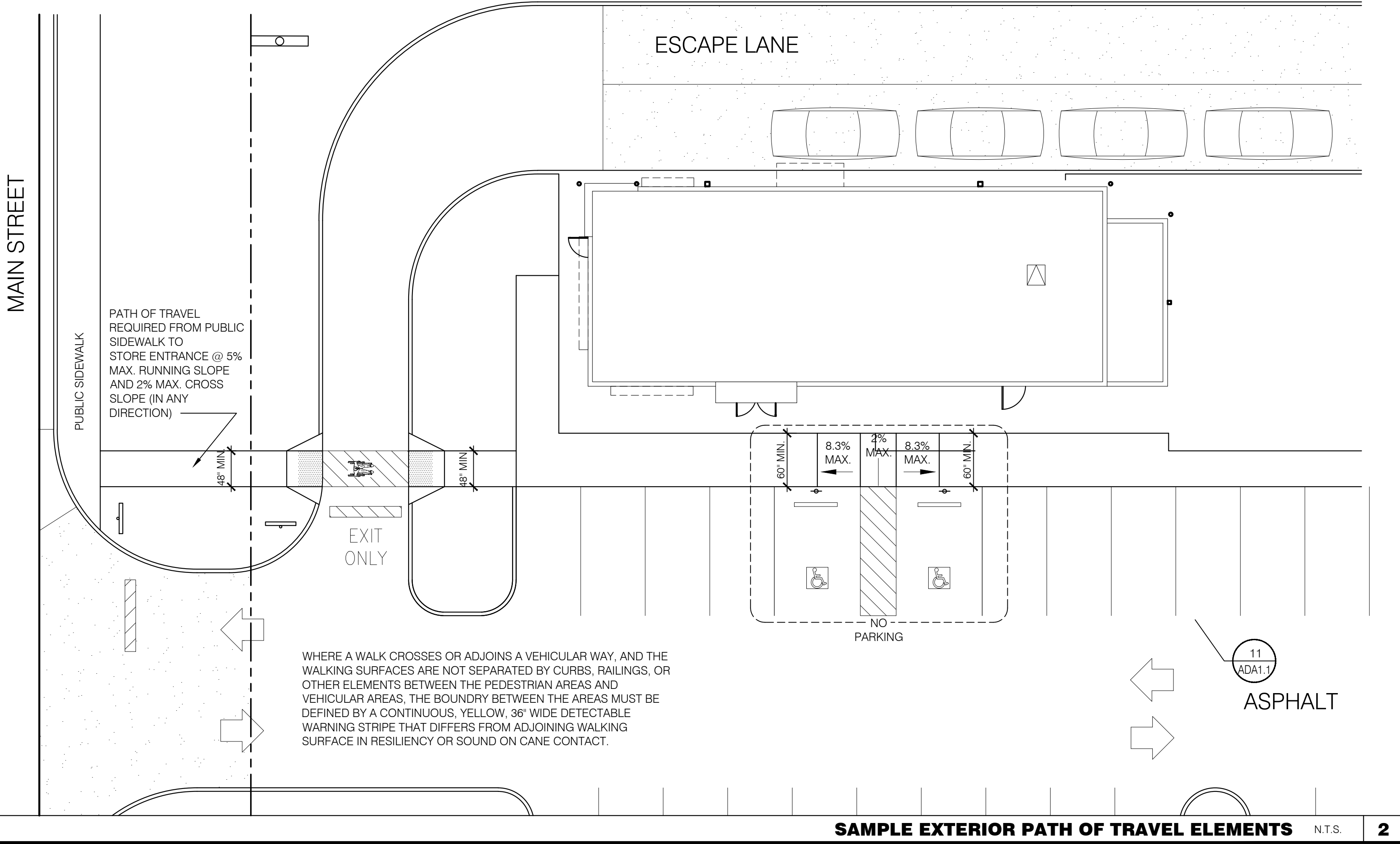
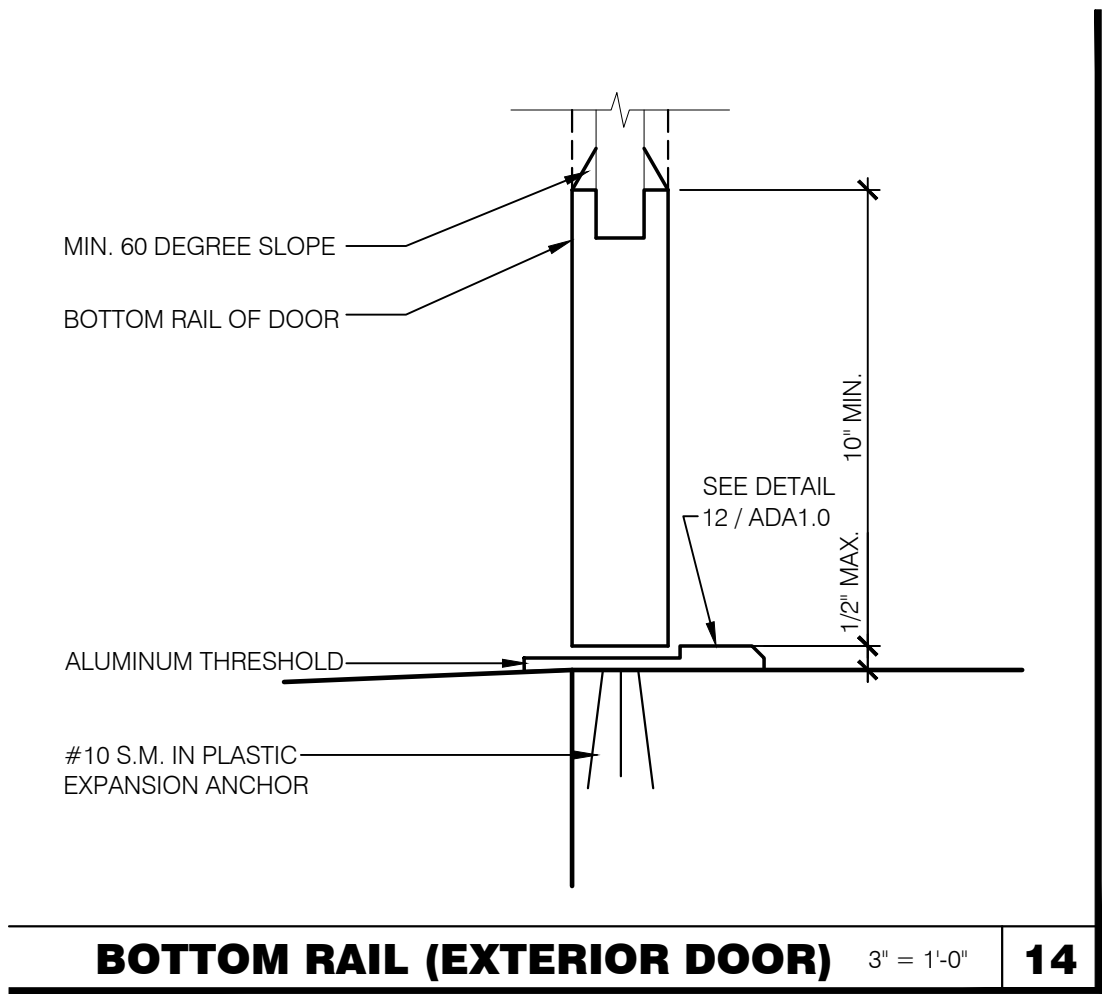
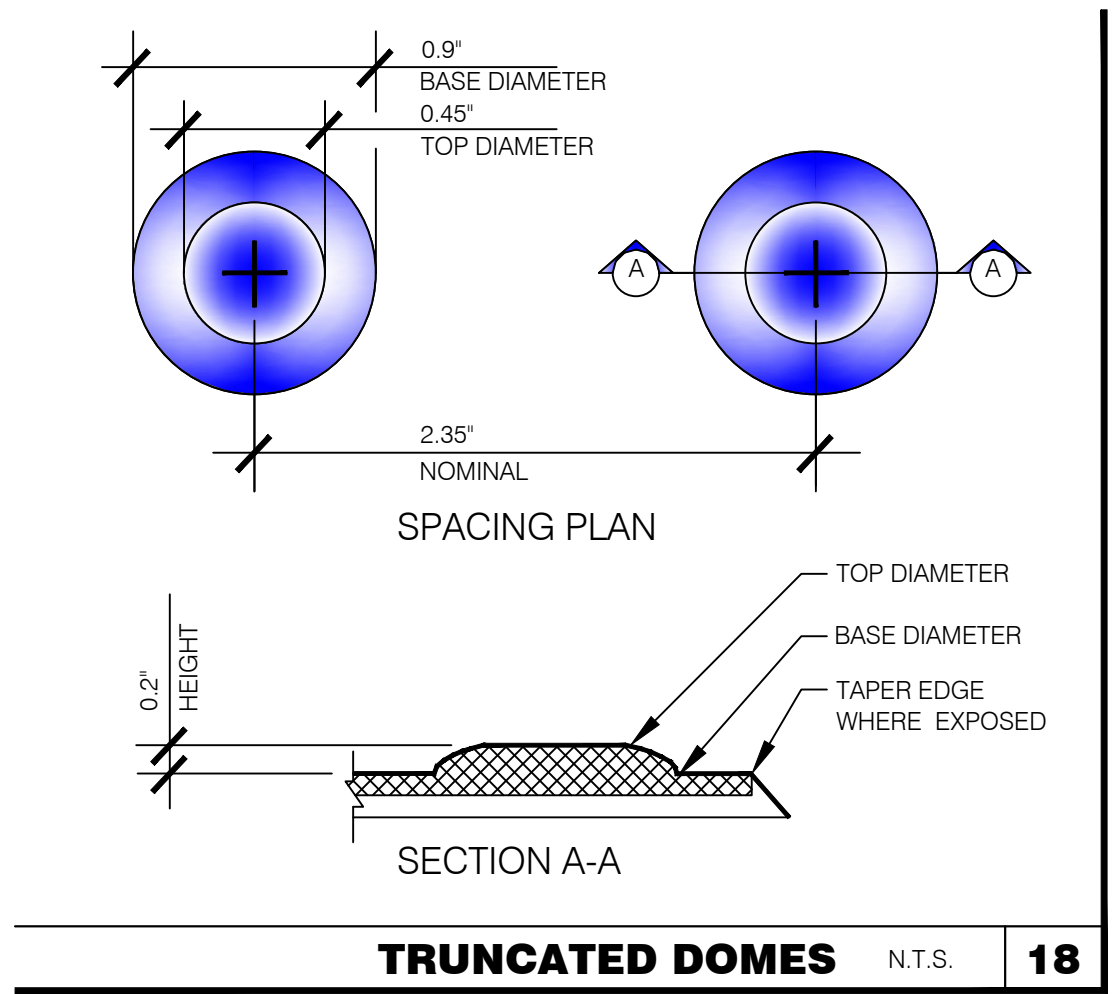
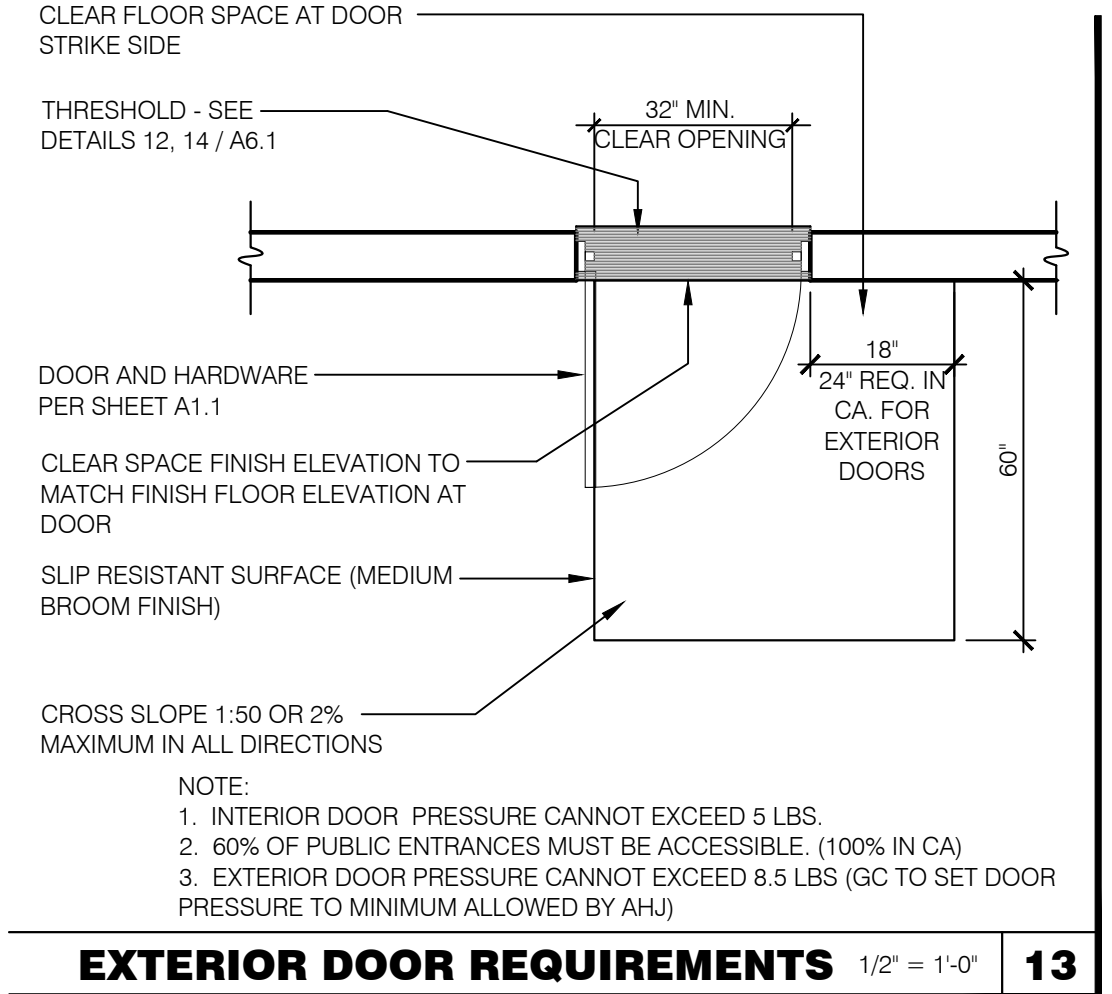
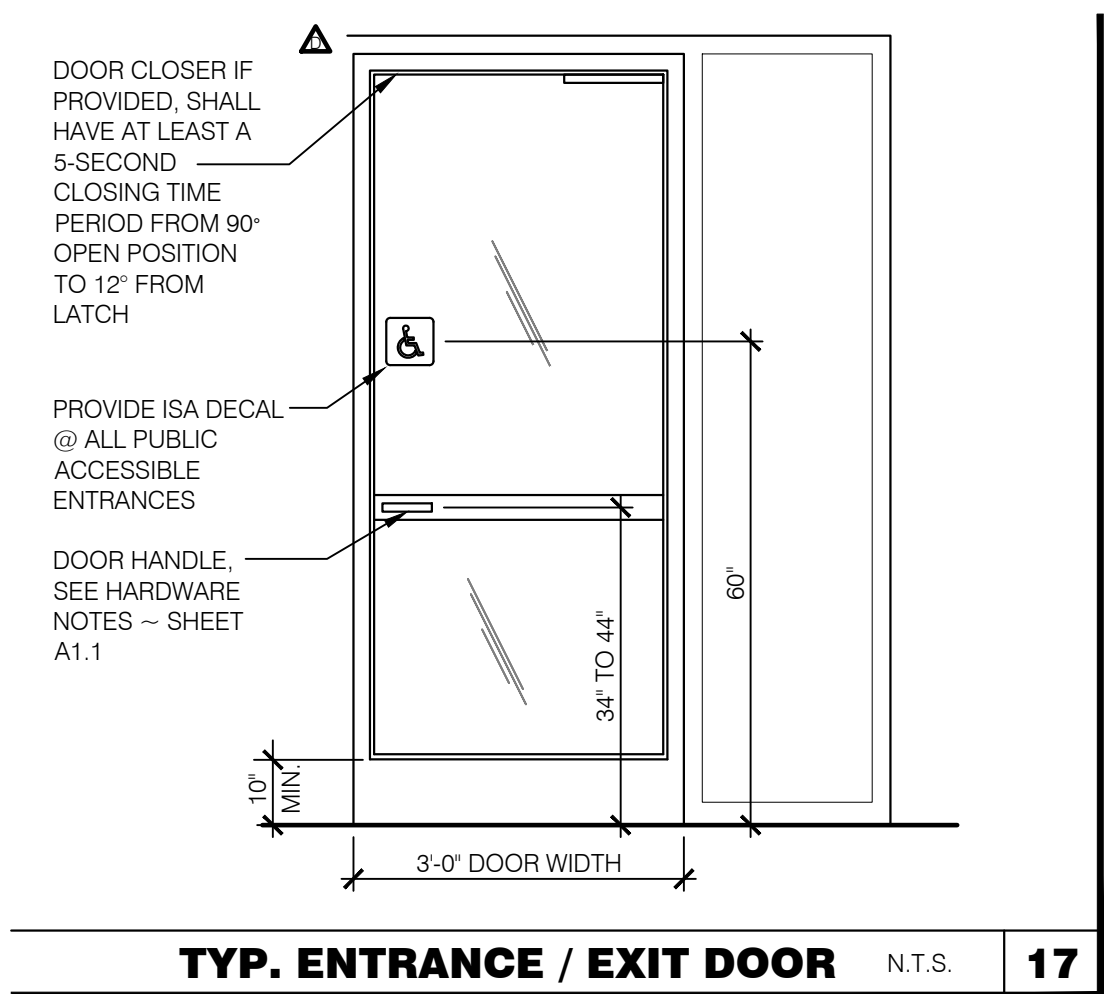
PARTITION DOOR LATCH @ PULL **16**



COAT HOOK N.T.S. **20**

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



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

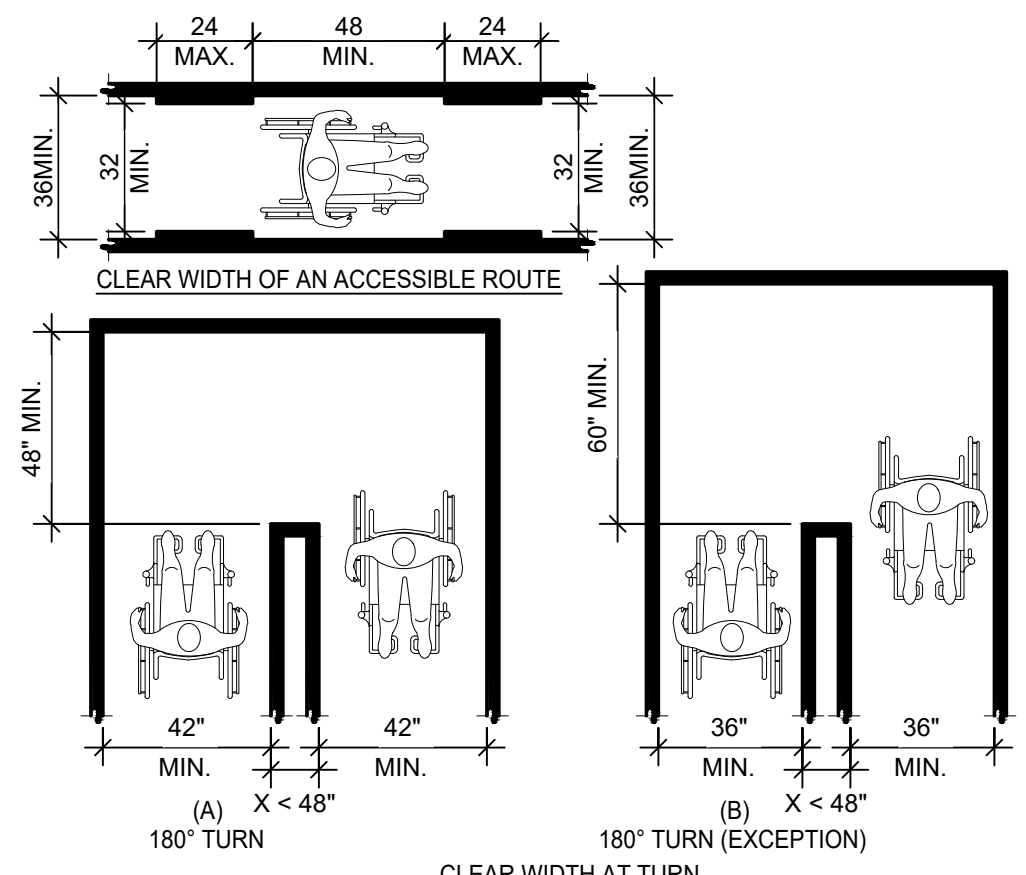
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

ENDEAVOR 2.0
 LARGE 50

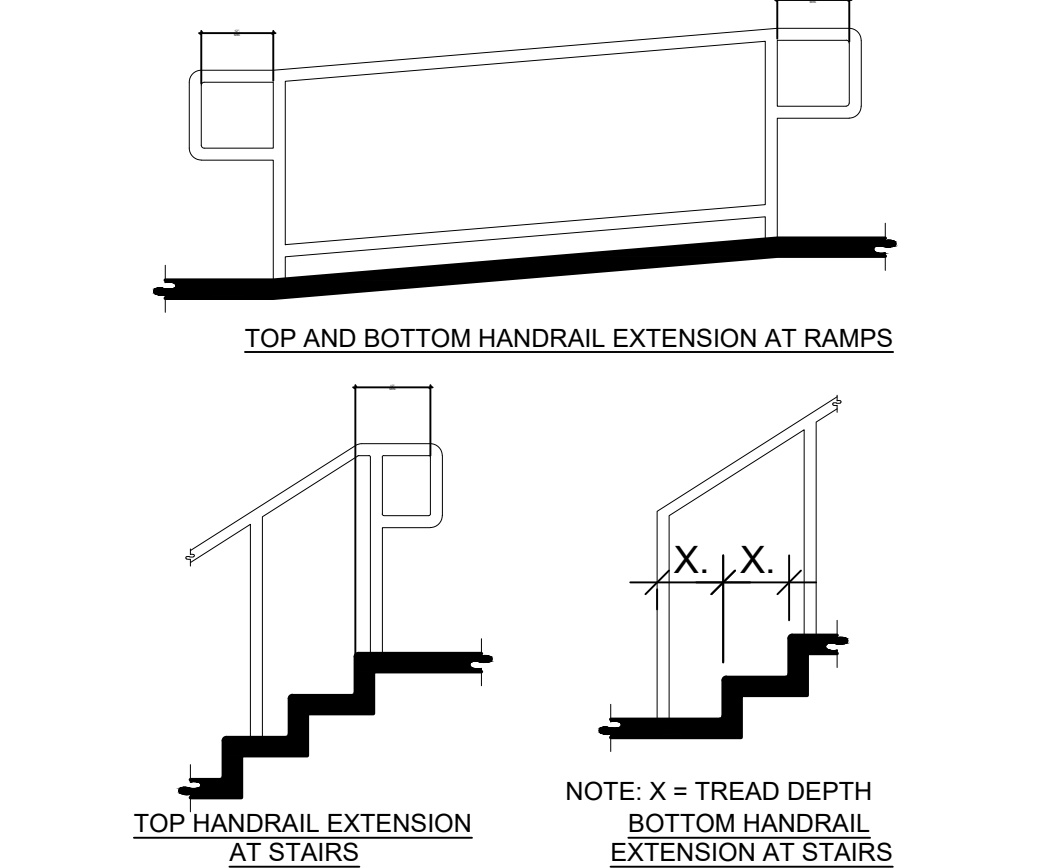
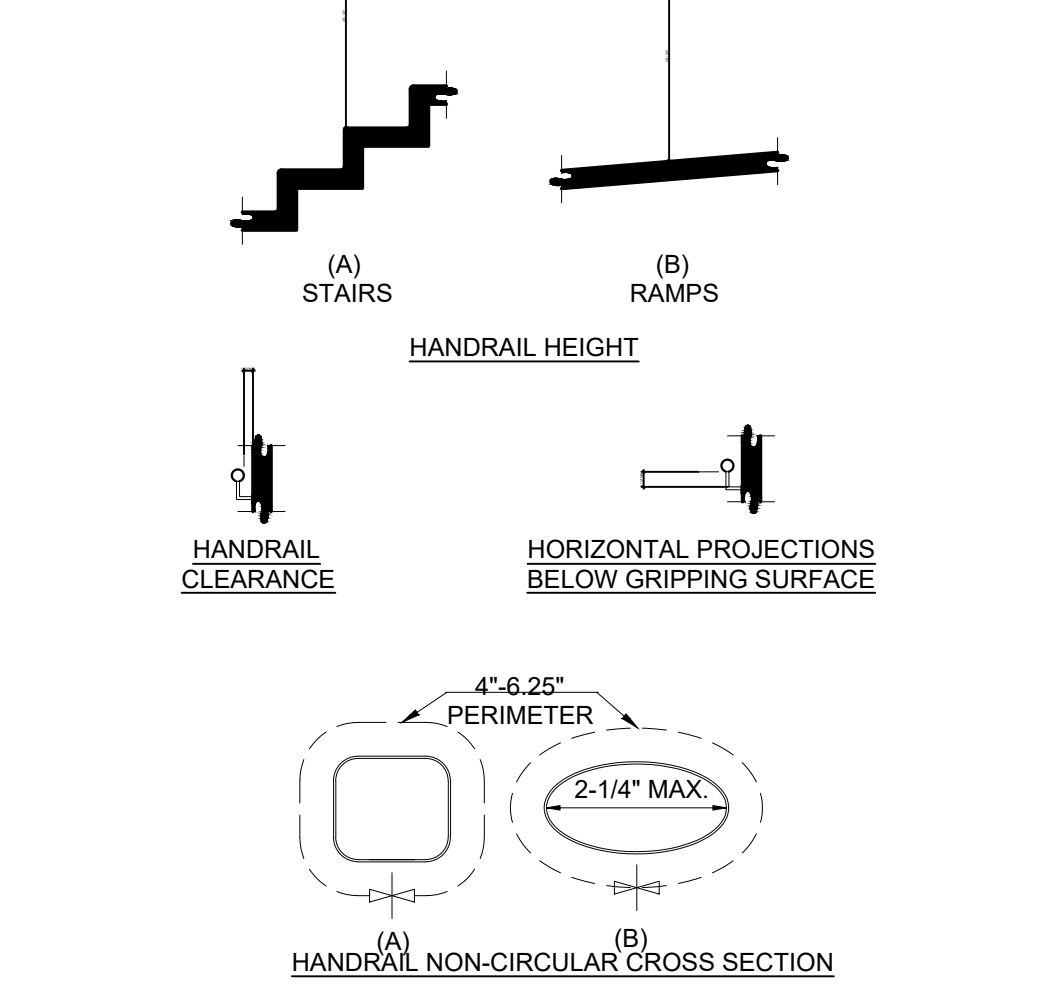
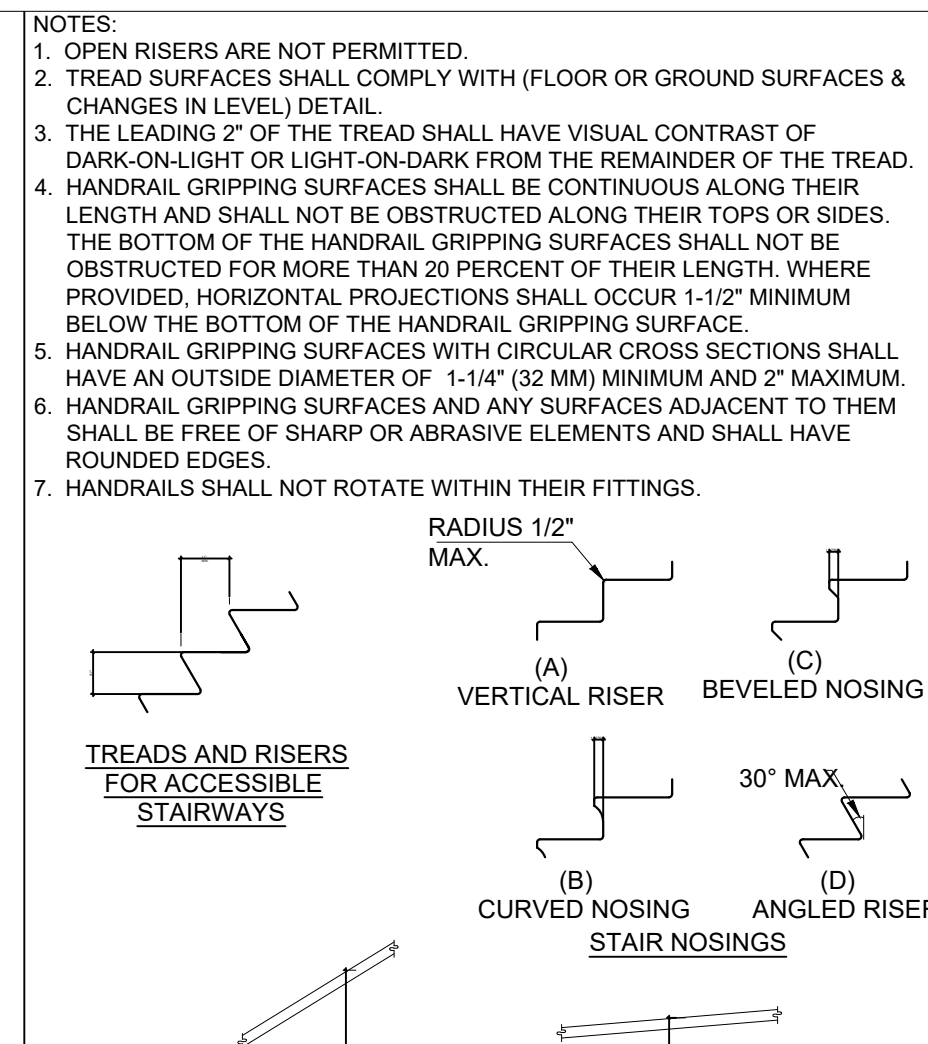
ACCESSIBILITY REQUIREMENTS

ADA1.1

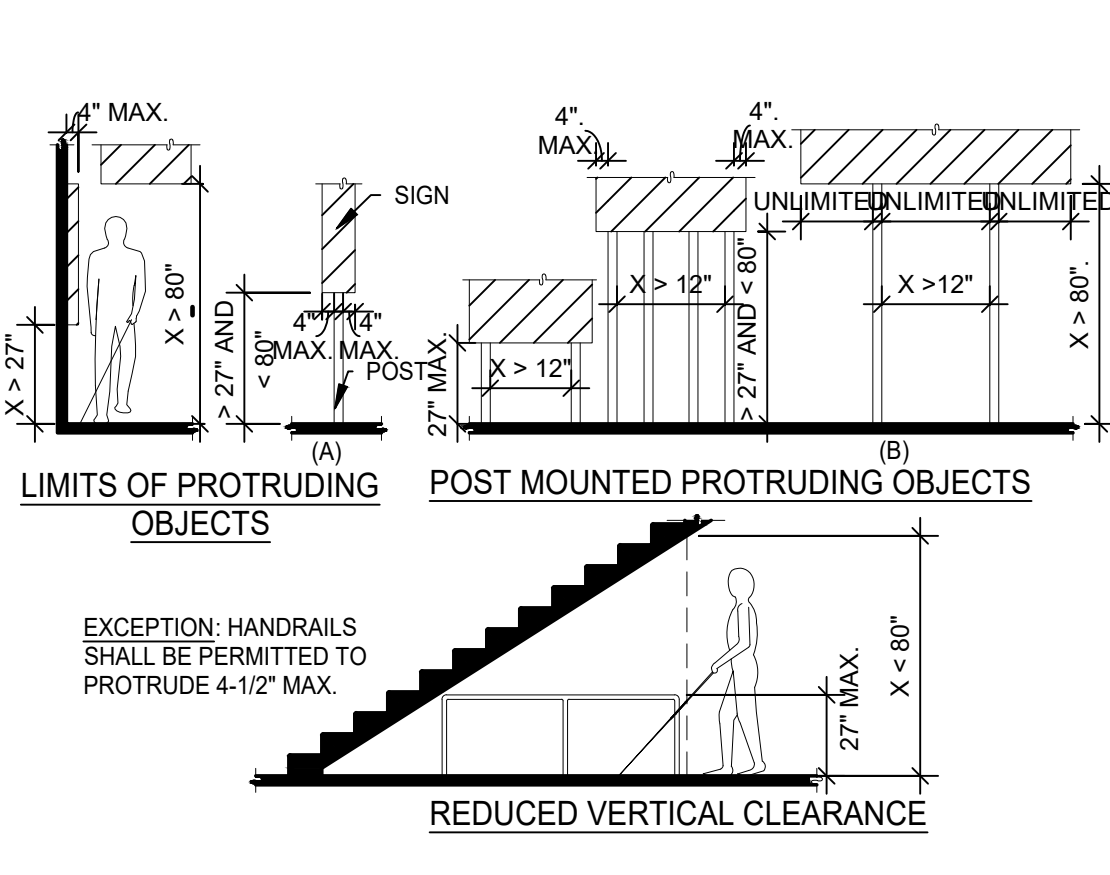
PERMIT PLOT DATE:



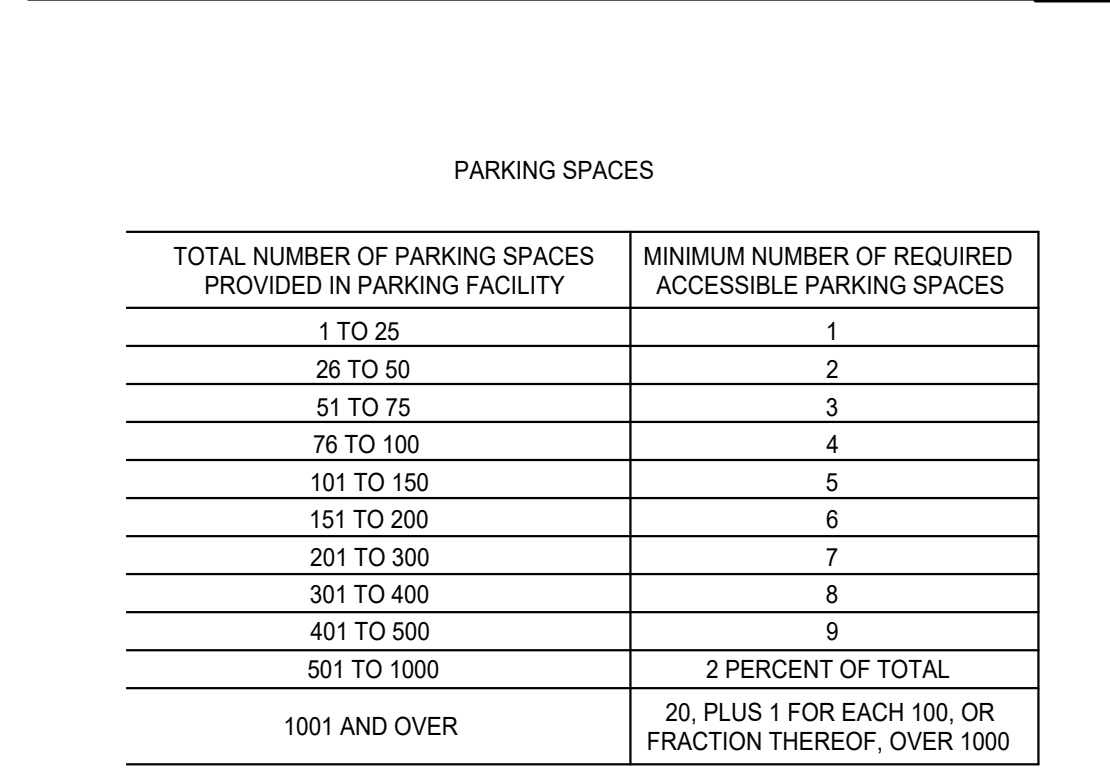
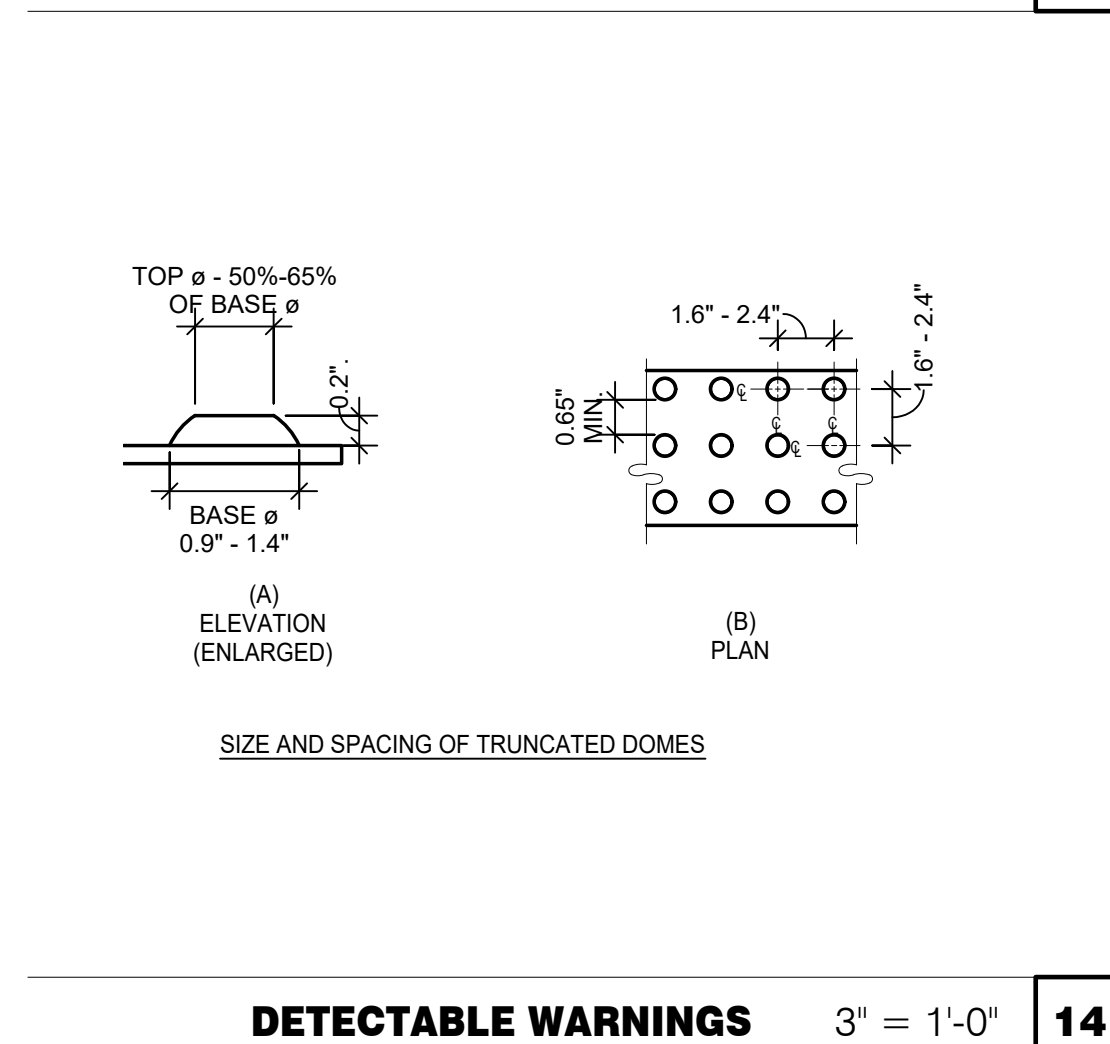
CLEAR WIDTH 1/4" = 1'-0" 17



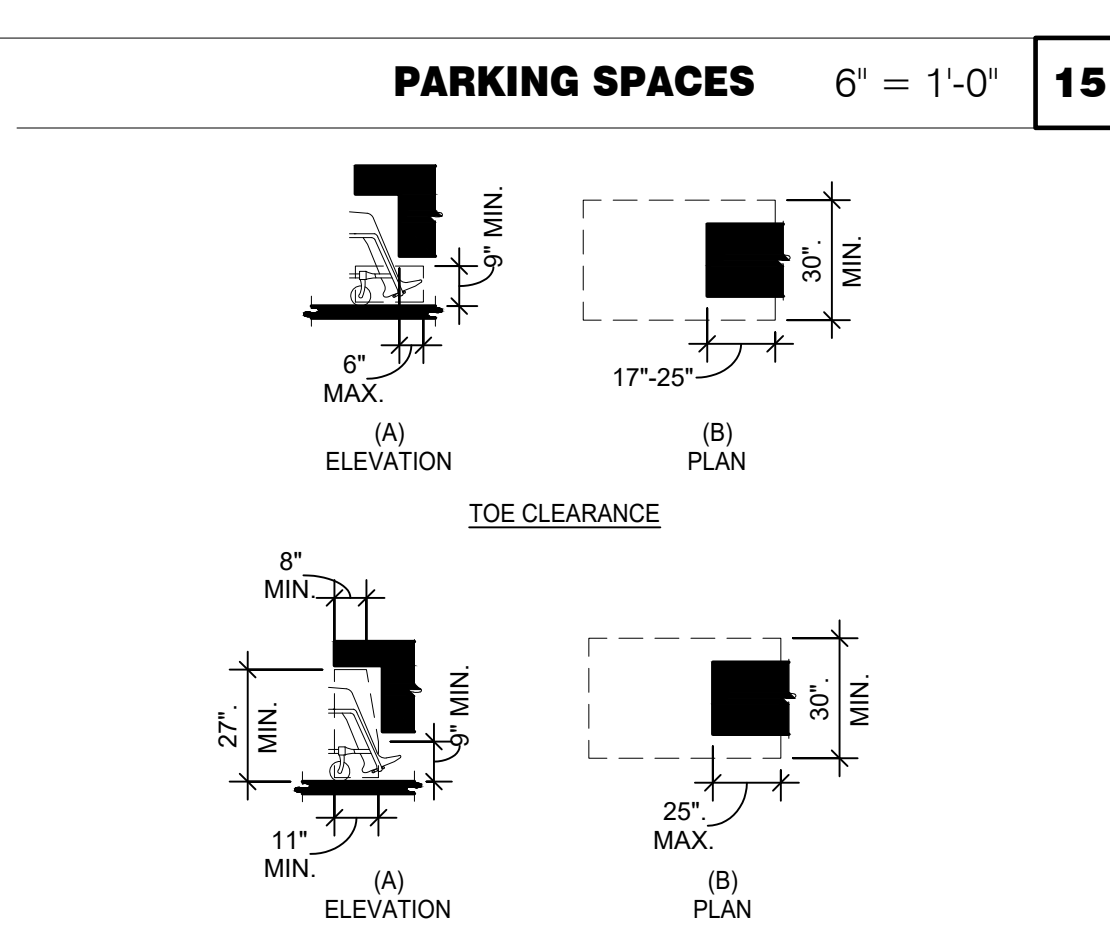
STAIRWAYS AND HANDRAILS 3/8" = 1'-0" 20



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



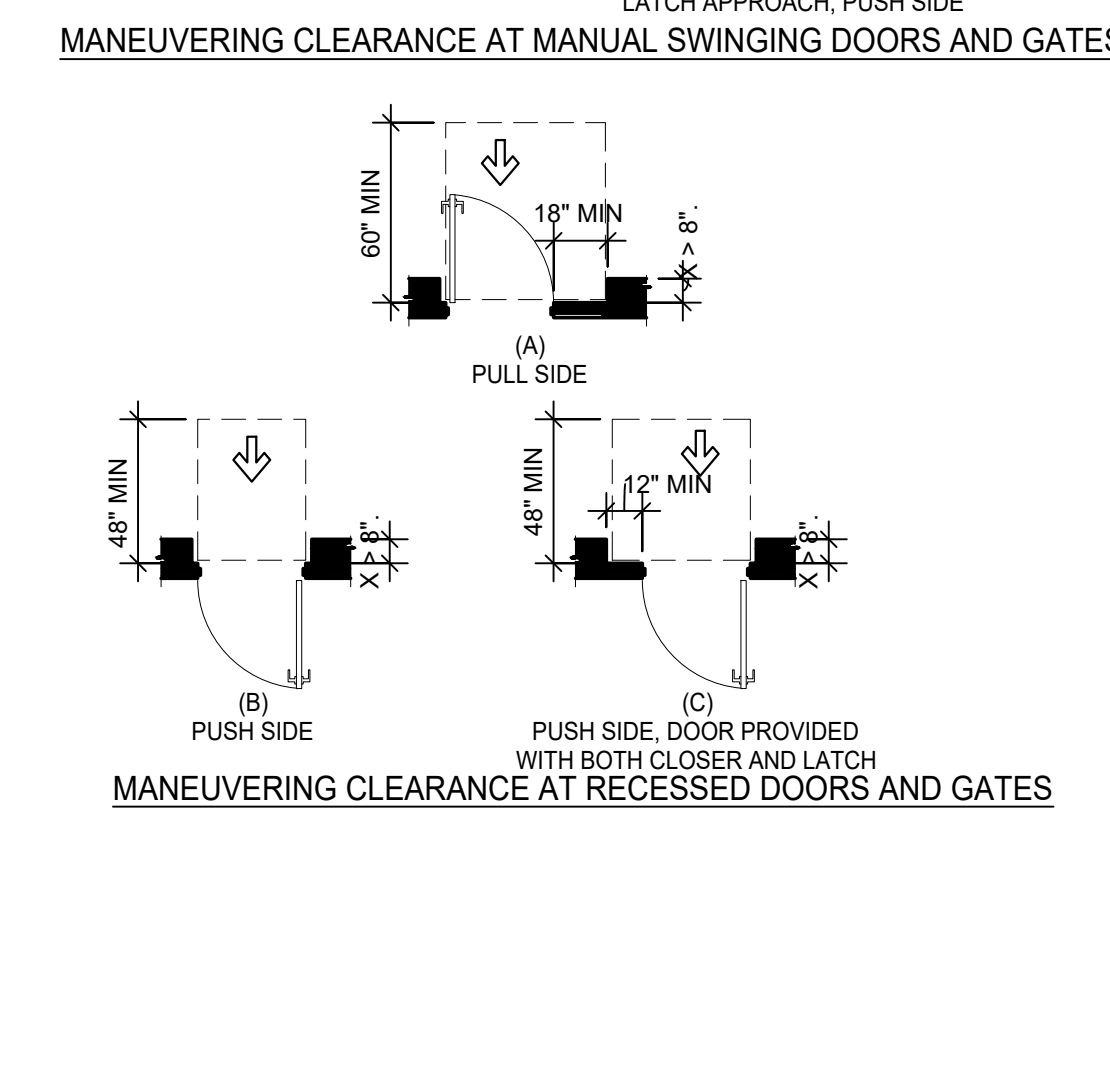
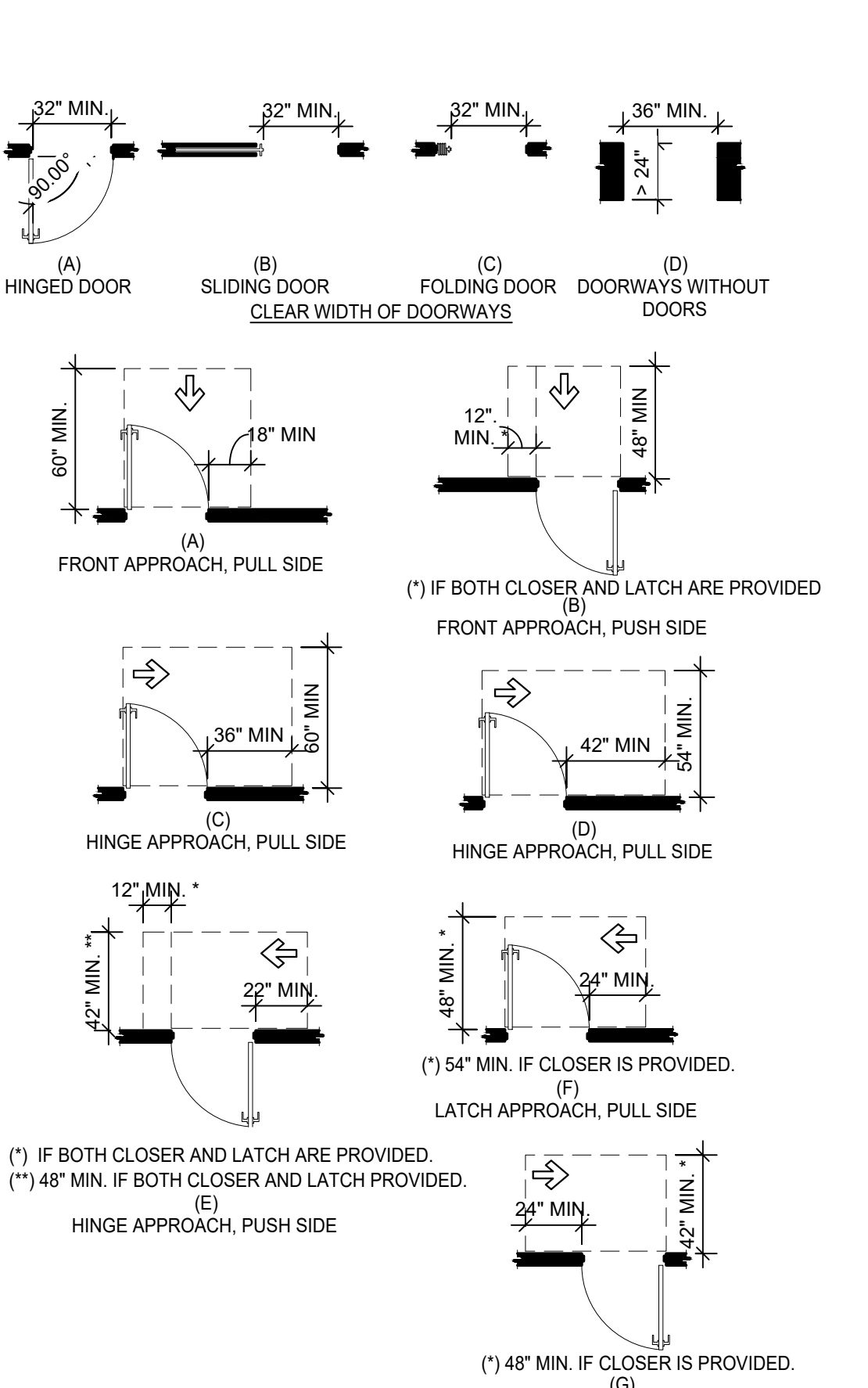
DETECTABLE WARNINGS 3" = 1'-0" 14



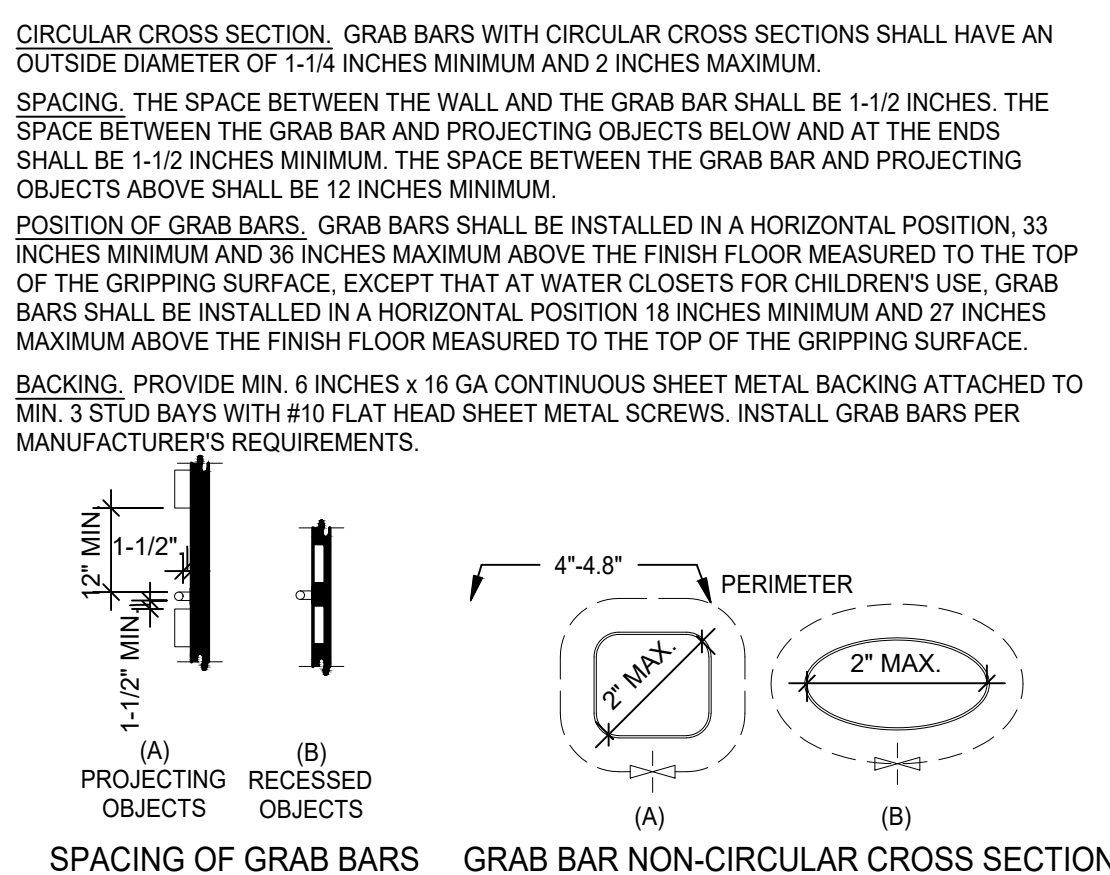
KNEE AND TOE CLEARANCE 1/4" = 1'-0" 16

NOTES:

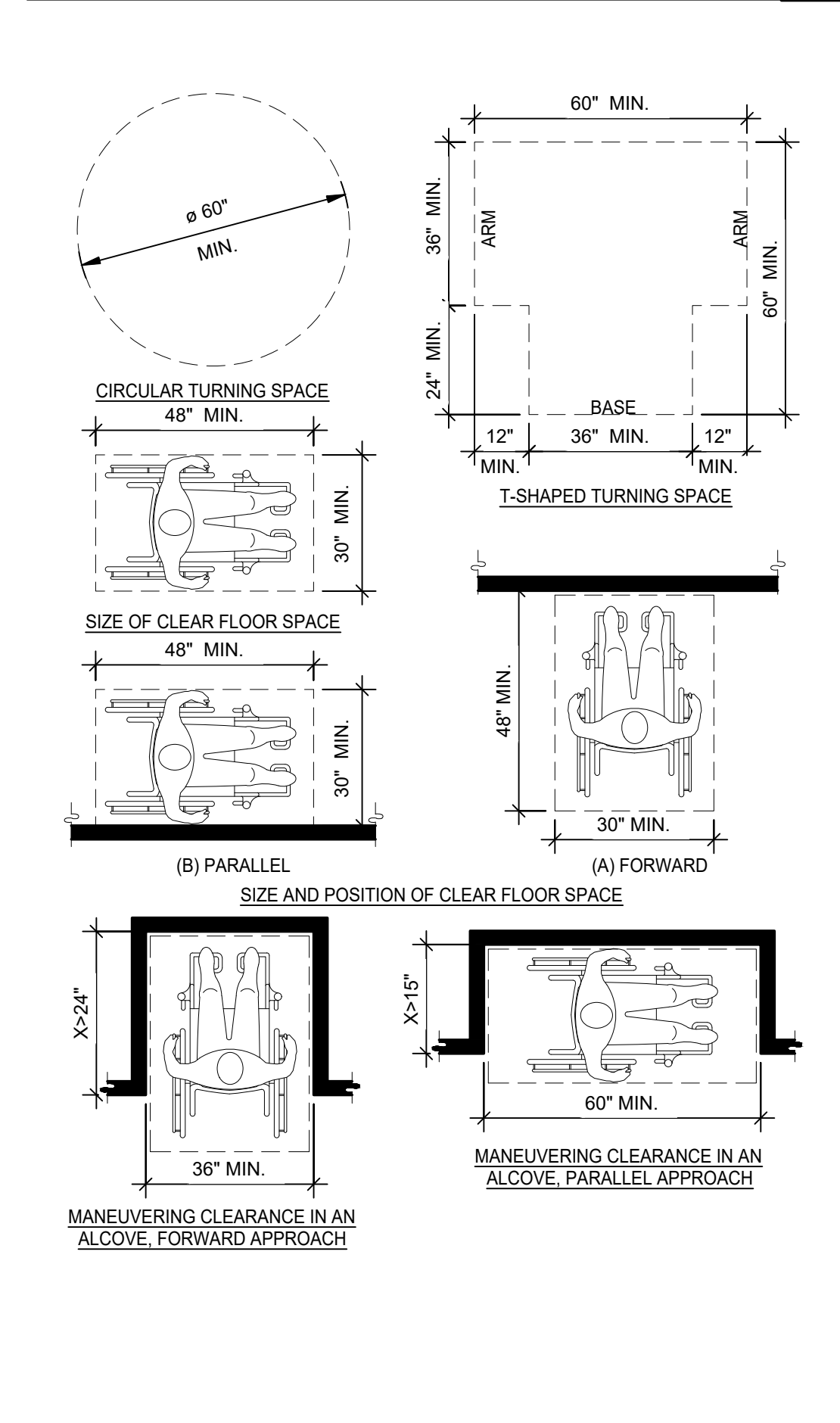
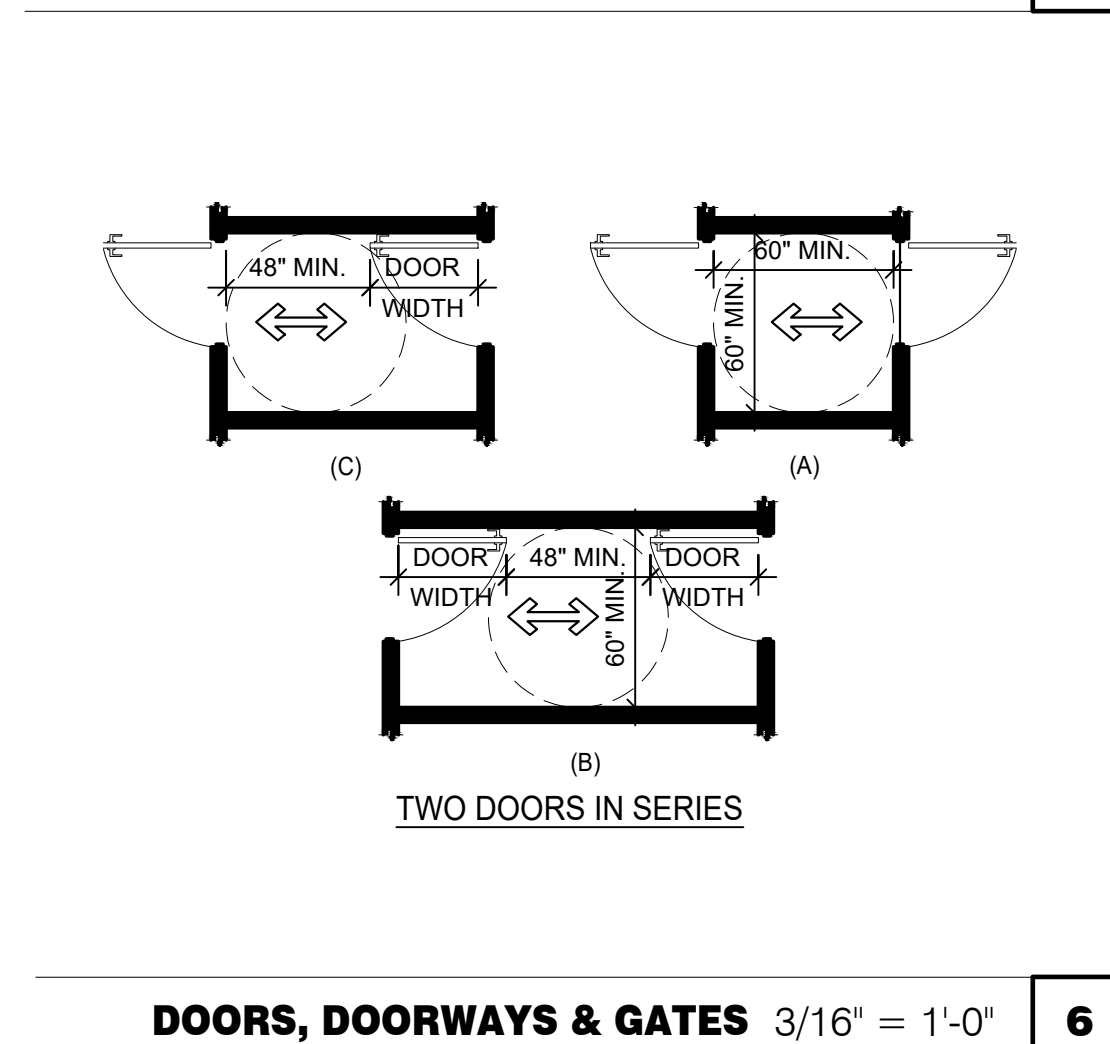
- FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS.
- THRESHOLDS, IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL.
- 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.
- THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX.
- OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.
- WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- 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.
- 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.
- 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.
- 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.
- WHERE AUTOMATIC AND POWER-ASSISTED DOORS AND GATES WITHOUT STANDBY POWER ARE PART OF A MEANS OF EGRESS THE CLEAR BREAK OUT OPENING AT SWINGING OR SLIDING DOORS AND GATES SHALL BE 32" MIN. WHEN OPERATED IN EMERGENCY MODE.



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

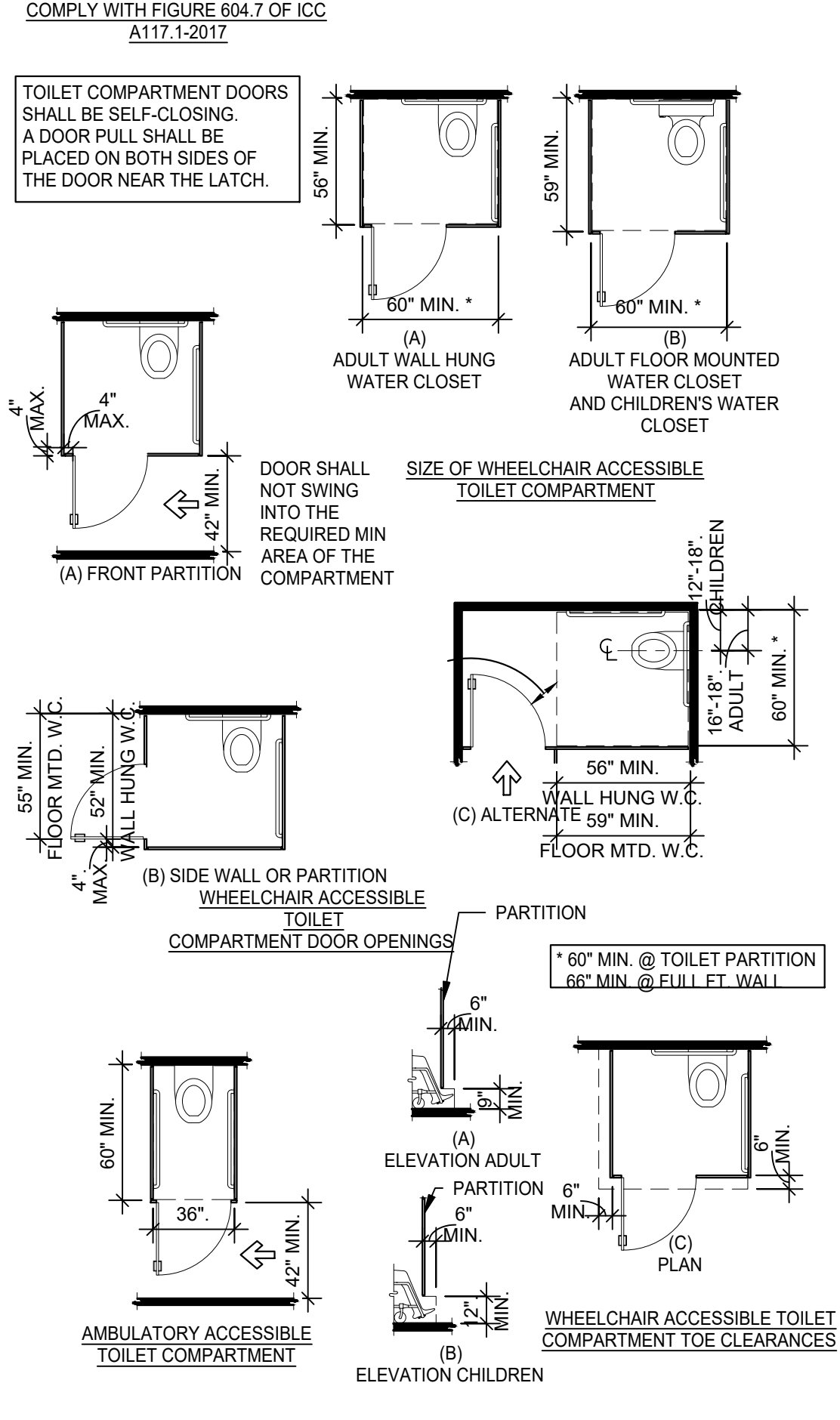
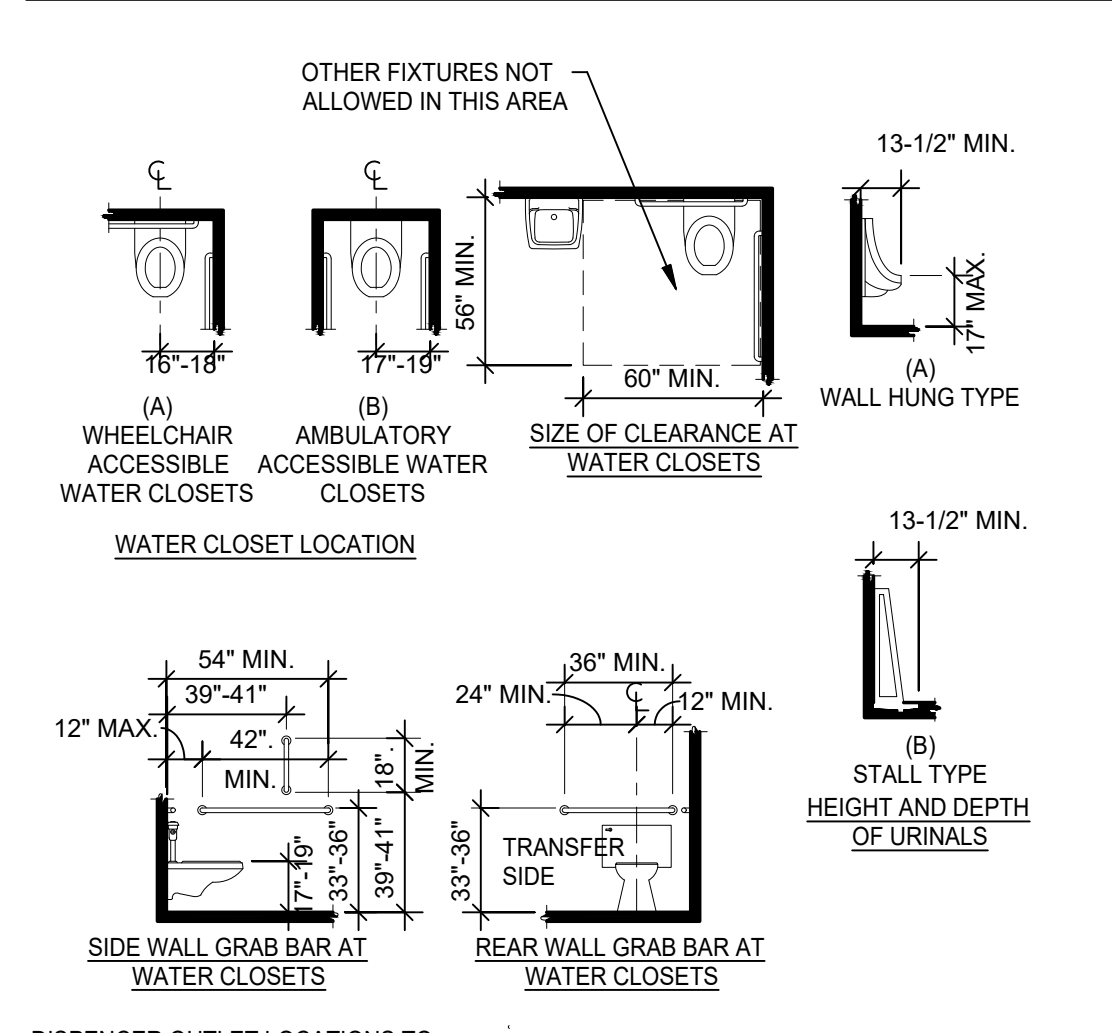


GRAB BARS 3/16" = 1'-0" 5

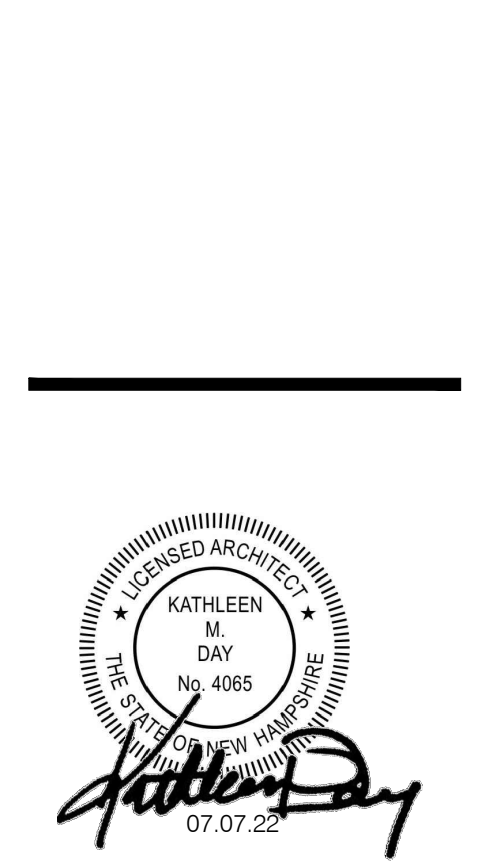


ACCESSIBILITY NOTES

- "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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CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

TACO BELL
525 Hooksett Road
Manchester, New Hampshire 03104

TACO BELL
ENDEAVOR 2.0
LARGE 50

ACCESSIBILITY REQUIREMENTS

ADA1.2

PERMIT PLOT DATE: xx.xx.xx

GENERAL:

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

HVAC:

- INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS.
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- E.C. SHALL PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS.
- M.C. SHALL PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS.
- FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF WORK.
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- ALL SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED.
- ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 5'-0", WHICH MAY BE FLEX.
- SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT, PRIOR TO ANY OUTSIDE AIR CONNECTIONS, AND SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SMOKE DETECTOR IN THE SUPPLY AIR DUCT ONLY IF REQUIRED BY LOCAL CODE.
- ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH, PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. SEE 15/M4.0.
- ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE ACCESS PANELS TO DAMPERS. SEE 8/M4.0.
- ALL UTILITY PIPING FOR RTUs SHALL RUN UP THROUGH ROOF INSIDE EACH UNITS ROOF CURB.
- ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
- SEE 8/M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUMI BRANDS NATIONAL CONTRACT.
- FINAL HVAC SYSTEM TESTING AND BALANCING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE GC. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENTS ARRIVAL, EQUIPMENT NOT WIRED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST FOR SAME SHALL BE ALSO INCURRED BY THE GENERAL CONTRACTOR.
- HONEYWELL THERMOSTAT TH8321R1001 & REMOTE SENSOR S1-C7189U1005, PROVIDED WITH YORK PACKAGE.
- HONEYWELL DUCT MOUNTED HUMIDITY SENSOR MODEL #2EC02402 - KIT, DUAL ENTHALPY FIELD INSTALLED, PROVIDED WITH YORK PACKAGE.

GENERAL NOTES 10

SYMBOL & ABBREV.	DESCRIPTION	SYMBOL & ABBREV.	DESCRIPTION
	SA/SUP SUPPLY AIR (RISE/DROP)	A/C, AC	AIR CONDITIONING
	RAVRET RETURN AIR DUCT (RISE/DROP)	BDD	BACK DRAFT DAMPER
	EA/EXH EXHAUST AIR DUCT (RISE/DROP)	CB	CIRCUIT BREAKER
	CD/SR CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)	CLG.	CEILING
	RR/RG RETURN REGISTER/GRILLE	CONN.	CONNECT/CONNECTION
	ER/EG EXHAUST REGISTER/GRILLE	CONT.	CONTINUATION
	RECTANGULAR DUCT ELBOW WITH TURNING VANES	CONTR	CONTRACTOR
	FLEXIBLE CONNECTION	CFM	CUBIC FEET PER MINUTE
	MANUAL VOLUME DAMPER	DET.	DETAIL
	FIRE DAMPER	DISC.	DISCONNECT
	DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)	DTR	DOWN THRU ROOF
	SINGLE LINE DUCT BRANCH TAKEOFF	EF	EXHAUST FAN
	DUCT TRANSITION (RECTANGULAR TO ROUND)	(E)	EXISTING
	FLEXIBLE DUCT (14'-0 MAXIMUM)	GA.	GAGE/GAUGE
	T-STAT PROGRAMMABLE THERMOSTAT, PROVIDED WITH TRANE PACKAGE.	GC	GENERAL CONTRACTOR
	TS THERMOSTAT SENSOR (REMOTE), PROVIDED WITH TRANE PACKAGE.	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
	H HUMIDITY SENSOR (REMOTE), PROVIDED WITH TRANE PACKAGE.	MFR.	MANUFACTURER
	D CONDENSATE DRAIN	MECH.	MECHANICAL
	DIA. DIAMETER	(N)	NEW
	DL DOOR LOUVER	OA/OSA	OUTSIDE AIR
	UC DOOR UNDERCUT (3/4" MINIMUM)	OBD	OPPOSED BLADE DAMPER
	MECHANICAL EQUIPMENT DESIGNATION	S/S	STAINLESS STEEL
	R RESET SMOKE DETECTOR RESET	TYP.	TYPICAL
	DOUBLE LINE DUCT SHOE TAP BRANCH TAKEOFF WITH VOLUME DAMPER	UON	UNLESS OTHERWISE NOTED
		UTR	UP THRU ROOF

MECHANICAL SYMBOLS 12

MARK	AREA SERVED	FAN DATA						COOLING CAPACITY			HEATING CAPACITY			UNIT ELECT DATA			MAX UNIT WEIGHT (LBS)	MANUFACTURER AND MODEL NUMBER	REMARKS
		SUPPLY CFM	MIN O.A. CFM	ESP	HP	RPM	NOM TONS	MIN CAP (MBH) TOT/SEN	MIN EER	INPUT STAGE (MBH)	OUTPUT (MBH)	PHASE (STAGES)	AFUE	VOLTS/PH	MCA	MOCP			
RTU-1	DINING	3400	750	1.0'	3	1032	8.5	106.0/77.0	12.0	180	144	2	80	208/3	41.3	50	1595	YORK ZJ102N15R2M	SEE NOTES 1,2,3,4,5,8
RTU-2	KITCHEN	5200	1160	1.0'	5	980	15	190.3/132.6	12.4	400	320	2	80	208/3	86.5	100	3350	YORK ZJ180N32D2M	SEE NOTES 1,2,3,4,5,8

SCHEDULE NOTES:

- LISTED CAPACITY IS THE STANDARD UNITS GROSS COOLING CAPACITY AT 80 DEG. F DB / 67 DEG. F WB EAT AND 105 DEG. F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 91 DEG. F & 73 DEG. F WB, WINTER 6.0 DEG. F (ARI STANDARD CONDITIONS). THERMOSTAT SHALL BE PROGRAMMED FOR 73 DEG. F IN SUMMER AND 68 DEG. F IN WINTER WITH 2 DEG ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60 DEG. F MINIMUM.
- SPECIFIED RTUS ARE DOWN DISCHARGE PACKAGED GAS / ELECTRIC ROOFTOP UNITS WITH MINIMUM 2-STAGE COOLING. INCLUDES THROUGH THE ROOF CURB POWER, GAS & CONDENSATE DRAIN. GAS PIPING SHALL BE FACTORY PIPED WITH SHUT-OFF OUTSIDE OF UNIT.
- SPECIFIED UNIT INCLUDES HINGED ACCESS DOORS, 2" PLEATED FILTERS, LOW AMBIENT CONTROL TO 0 DEG. F., MODULATING ECONOMIZER, CIRCUIT BREAKER WITH SINGLE POINT WIRING, HAIL GUARD, AND FACTORY FABRICATED, KNOCK DOWN ROOF CURB.
- SPECIFIED UNIT INCLUDES FACTORY INSTALLED HOT GAS REHEAT OPTION INCLUDING REMOTE MOUNTED TEMPERATURE AND HUMIDITY SENSORS AS INDICATED ON THE DRAWINGS.
- SPECIFIED UNIT INCLUDES SUPPLY AIR TEMPERING CONTROL.
- PROJECT LOCATIONS NEAR COASTAL AREAS MAY REQUIRE EPOXY COATED COILS.
- SPECIFIED RTUS SHALL BE SUPPLIED WITH OVERSIZED INDOOR FAN MOTOR AND EVAPORATOR MOTOR.
- THERMOSTATS: THERMOSTAT SHALL BE THE HONEYWELL VISION PRO 8321 WITH WALL MOUNT REMOTE SENSOR.

HVAC UNIT SCHEDULE 1

MARK	CFM	SP	RPM	HP	ELECT	STARTER	ACCESSORIES					MANUFACTURER AND MODEL NUMBER	REMARKS
							DISC	BDD	BDD SCREEN	V-BELT	D-DR		
EF-1	1050	0.9	1344	0.50	120/1	-	X	-	-	-	X	STRATOVENT #SVDU50HFA	SEE NOTES 1,3,5,6,7,8,10
EF-2	780	.375	1196	1/4	120/1	-	X	X	X		X	STRATOVENT #SVD30HFA	SEE NOTES 2,4,7,8,9,10

SUPPLY AND EXHAUST FAN SCHEDULE 2

MARK	QUANTITY	NECK SIZE	DIFFUSER FACE OR CEILING GRID SIZE	TYPE	(NO.) & AIR PATTERN	CFM RANGE	MOUNTING LAY-IN SURFACE	SUPPLY	RETURN	EXHAUST	MATERIAL ALUMINUM STEEL	MANUFACTURER	MODEL NUMBER	REMARKS
S-1	2	15x15	24x24	X	(2)4W	0-500	X	X			X	METAL-AIRE / TITUS	5000-6 / TDC-AA-NT	FRN SCR TO RND ADAPTER (SEE NOTES 3 & 4)
S-2	4	18x18	24x24	X	(3)4W,(1)3W	500-1000	X	X			X	METAL-AIRE / TITUS	500-6 / TDC-AA-NT	FRN SCR TO RND ADAPTER (SEE NOTES 3 & 4)
S-3	3	9x9	14x14	X	(2)4W,(1)3W	0-250	X	X			X	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SCR TO RND ADAPTER
S-4	4	12	24x24	X	VERT	300-700	X	X			X	METAL-AIRE / TITUS	9000-6 / MCD	STEEL MODULAR CORE
S-5	6	12'Ø		X		0-500			X		X	METAL-AIRE / TITUS	3000-1 / TMRA-AA	ADJUSTABLE ROUND DIFFUSER
R-1	5	22x22	24x24	X	NO DIREC	0-2000	X		X		X	METAL-AIRE / TITUS	RHE-6 / 50FF	HINGED / FULLY REMOVABLE FACE
E-1	4	8x8	12X12	X	NO DIREC	0-200	X		X		X	METAL-AIRE / TITUS	CC5-FB-TB / 50F	
E-2	1	10X10	24x24	X	NO DIREC	0-400	X			X	X	METAL-AIRE / TITUS	CC5-FB-TB / 50F-NT	PROVIDE 2x2 LAY-IN PANEL

- NOTES: 1. DIFFUSERS IN SURFACE MOUNTED CEILINGS SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
 2. FURNISH DIFFUSERS WITH INSULATED TOPS.
 3. SUPPLY AND RETURN DIFFUSERS LOCATED IN DINING ROOM SUSPENDED CEILING SHALL BE FACTORY FINISH BLACK.
 4. BUCKEYE PLASTIC AIR DIFFUSERS, 3936 APRIL DRIVE, UNIONTOWN, OHIO 44685. 330-418-9348. 14" DIA. NECK. (METAL-AIRE / TITUS DIFFUSERS CAN BE USED AS AN OPTION)

AIR DEVICE SCHEDULE 3

REFER TO SCOPE OF WORK 15700-1 HVAC FOR TEST & BALANCE & COMMISSIONING REQUIREMENTS WHICH WILL BE SUPPLIED BY THE GC AND COORDINATED BY THE GC.

FOR COMPLETE INFORMATION AND PRICING ON THE TRANE HVAC PACKAGE CONTACT MARTY CUSICK, THE YUMI BRANDS ACCOUNT EXECUTIVE AT TRANE NATIONAL ACCOUNTS.
 TOLL-FREE PHONE: (866) YUM-HVAC or (866) 986-4822
 FAX: (502) 499-7870
 EMAIL: mjcusick@trane.com

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

TRANE AND YORK HAVE AGREED TO SUPPLY AN HVAC PACKAGE CONSISTING OF THE ROOF-TOP UNITS, CURBS, THERMOSTATS, TEMPERATURE SENSORS (REMOTE), AND HUMIDITY SENSORS (REMOTE). RTUS AS SPECIFIED INCLUDE AN UNPOWERED CONVENIENCE OUTLET (SEE ELECTRICAL) AND AN HACR CIRCUIT BREAKER WHICH PROVIDES UNIT DISCONNECT. TRANE AND YORK ALSO HAVE AVAILABLE OPTION PACKAGES WHICH INCLUDE SMOKE DETECTORS AND ANNUNCIATORS, ECONOMIZERS, AND RTU VARIATIONS SUCH AS HIGH-EFFICIENCY MODELS.

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.

TRANE PACKAGE N.T.S. 8

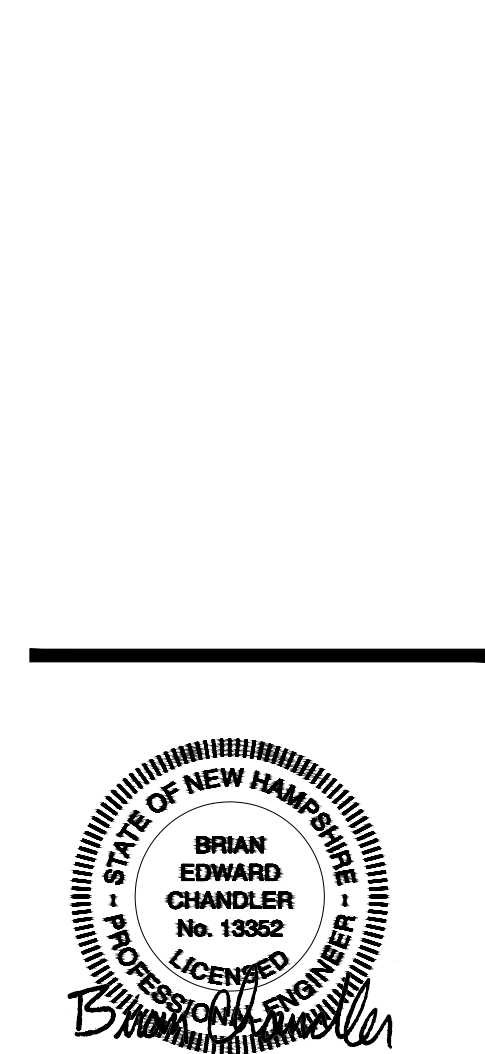
ITEM	OA	RA	SA	EA	PRESSURE
EF-1	--	--	--	1050	-1050
EF-2	--	--	--	780	-780
RTU-1	750	2650	3400	--	+750
RTU-2	1160	4040	5200	--	+1160
TOTAL	1910	6690	8600	1830	+80

NOTE: THE OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 22.0% FOR RTU-1 AND 22.3% FOR RTU-2.

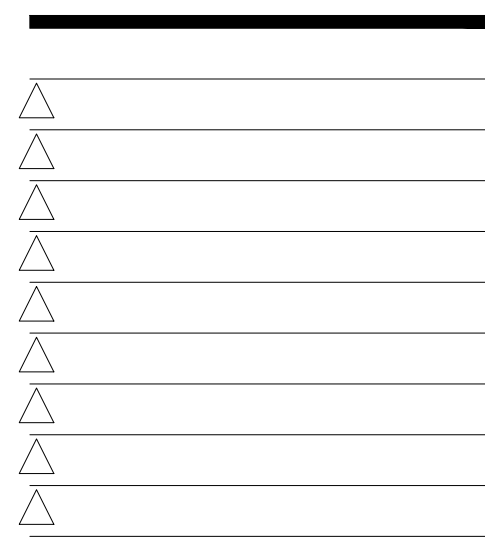
AIR BALANCE SCHEDULE CFM 4

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 617.331.2545
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ENGINEER:
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 PHONE: 972.870.1288
 E-MAIL: bchandler@dstudio4.com



07.08.22



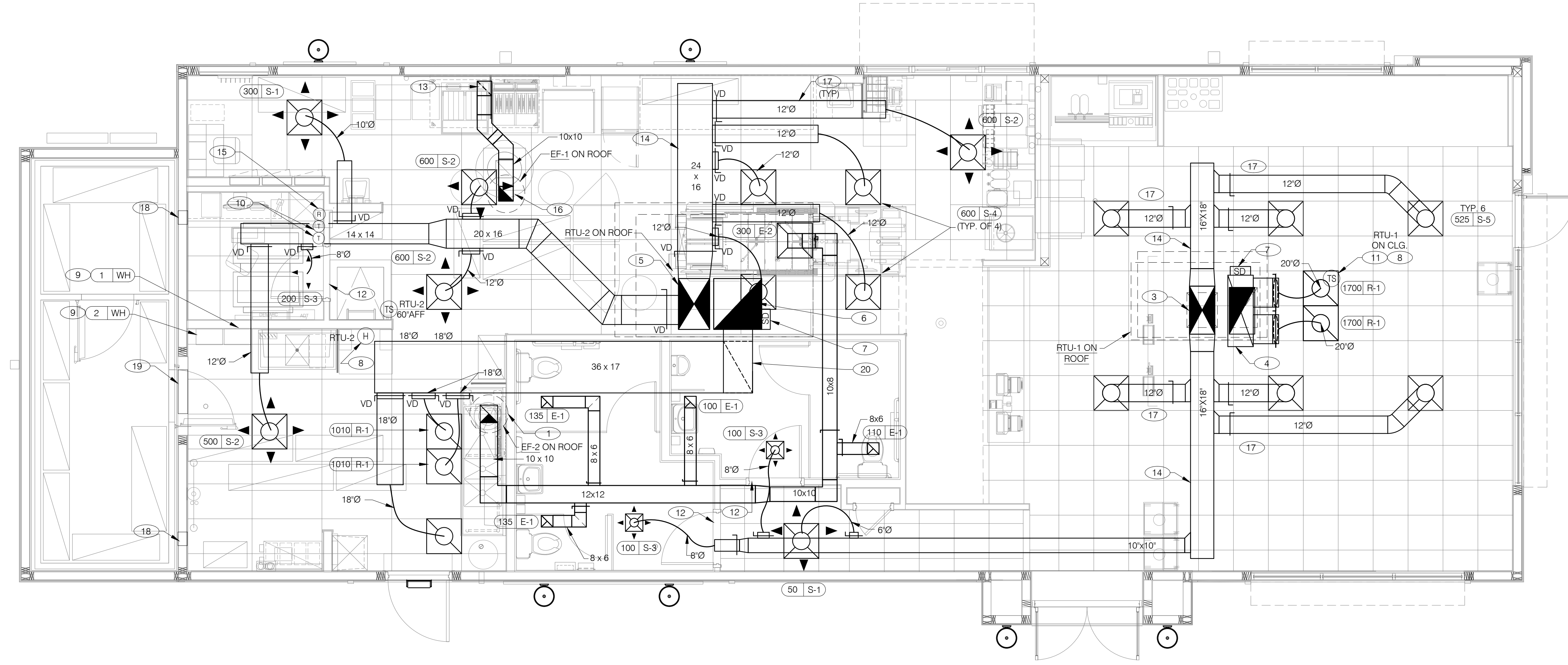
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104

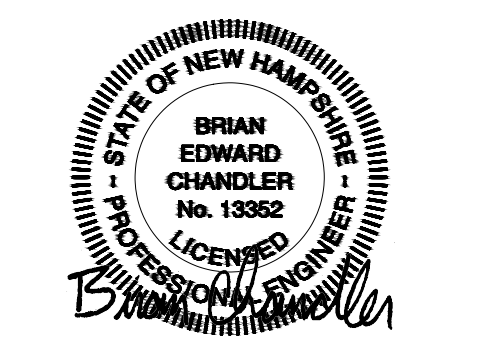
TACO BELL
 ENDEAVOR 2.0
 LARGE 50

MECHANICAL SCHEDULES AND NOTES**M1.0**

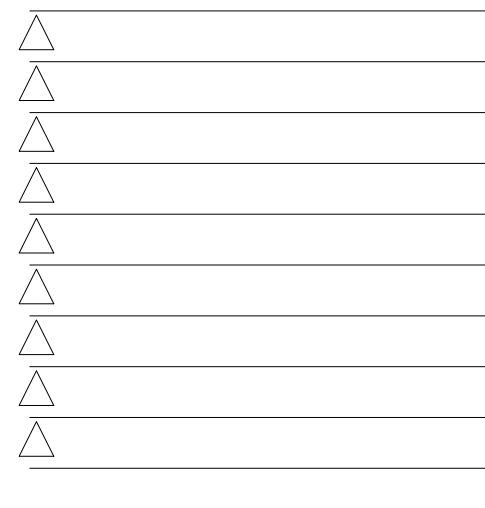
PERMIT PLOT DATE:



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



07.08.22



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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

1. DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS SO AS NOT TO CONFLICT WITH LIGHT FIXTURE LOCATIONS.
2. THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SUBBASE, REMOTE TEMPERATURE SENSOR, AND REMOTE HUMIDITY SENSOR. (PROVIDED WITH TRANE PACKAGE).
3. HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS. REFER TO HVAC UNIT SCHEDULE, 1/M1.0, FOR APPLICATION CONDITIONS.
4. COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.

- 1 12X12 EXHAUST AIR DUCT UP THROUGH ROOF TO EF-2.
- 2 PROVIDE SPLITTER DAMPER AND 90 DEGREE ELBOW WITH TURNING VANES.
- 3 SUPPLY AIR DUCT UP SHALL BE FULL SIZE OF UNIT OPENING. CONNECT TO 34x18 SUPPLY AIR PLENUM AT ROOFTOP UNIT RTU-1. COORDINATE EXACT DUCT DROP WITH RTU SPECIFICATION AND ORIENTATION.
- 4 RETURN AIR DUCT UP SHALL BE FULL SIZE OF UNIT OPENING. CONNECT TO 34x18 RETURN AIR PLENUM AT ROOFTOP UNIT RTU-1. COORDINATE EXACT DUCT DROP WITH RTU SPECIFICATION AND ORIENTATION.
- 5 SUPPLY AIR DUCT UP SHALL BE FULL SIZE OF UNIT OPENING. CONNECT TO SUPPLY AIR PLENUM AT ROOFTOP UNIT RTU-2. COORDINATE EXACT DUCT DROP WITH RTU SPECIFICATION AND ORIENTATION.
- 6 RETURN AIR DUCT UP SHALL BE FULL SIZE OF UNIT OPENING. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RTU-2. COORDINATE EXACT DUCT DROP WITH RTU SPECIFICATION AND ORIENTATION.
- 7 FURNISH AND INSTALL SMOKE DETECTOR IN THE RETURN AIR DUCT, IN ACCORDANCE WITH LOCAL CODES. DUCT SMOKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR, SEE SHEET E3.2.
- 8 HUMIDITY SENSOR (REMOTE). MOUNT HUMIDITY SENSORS FOR RTU-2 AT 60" AFF AND FOR RTU-1 AT CEILING NEXT TO TEMP SENSOR. COORD EXACT LOCATION IN FIELD.
- 9 FURNISH AND INSTALL 3" PVC WATER HEATER COMBUSTION AIR INTAKE AND VENT ON ROOF. COORDINATE WORK WITH ALL TRADES. MAINTAIN MIN. 10'-0" FROM NEAREST RTU INTAKE. REFER TO DETAILS 2 / P6.0, 13 / A6.0.
- 10 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES.

- 11 MOUNT THERMOSTAT/REMOTE SENSOR AT AT HEIGHT SHOWN.
- 12 UNDERCUT RESTROOM DOORS AND OFFICE DOOR MIN. 3/4" FOR MAKE-UP AIR.
- 13 10X10 EXHAUST AIR DUCT DOWN AND TRANSITION TO EXHAUST CONNECTION AT HOOD. EXHAUST DUCT SHALL RUN BETWEEN ROOF TRUSSES TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 15 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 18 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
- 14 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- 15 NEW SMOKE DETECTOR RESET SWITCH WITH KEY. MFR. IS "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MFR. SPECIFICATIONS.
- 16 EXHAUST DUCTWORK RUN UP BETWEEN ROOF TRUSSES TO EF-1.
- 17 RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- 18 AIR TRANSFER GRILLS. SEE SECTION "B" ON SHEET A5.2.
- 19 ACCESS OPENING TO SPACE ABOVE WALK-IN. SEE SHEET A7.1.
- 20 RETURN AIR PLENUM DOWN FROM RTU-2. TRANSITION TO 30x20 RETURN AIR DUCT ROUTED TIGHT TO ROOF TRUSSES ABOVE. COORDINATE INSTALLATION WITH ALL TRADES. CEILING SPACE WILL BE CRITICAL IN THIS AREA. COORDINATE EXACT DUCT DROP WITH RTU SPECIFICATION AND ORIENTATION.

NOT USED **F**

GENERAL NOTES **E**

KEY NOTES **B**

TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104

ENDEAVOR 2.0
 LARGE 50

DUCT AND DIFFUSER PLAN

M2.0A

PERMIT PLOT DATE:

EF-1. PERFORMANCE DATA:
 MODEL: STRATOVENT, SVDU50
 AIRFLOW: 1050 CFM, 0.9" STATIC PRESSURE
 FAN RPM: 1344**
 POWER: 0.26 BHP
 MOTOR: 0.50 HP, 115V, 1PH, 8.1 FLA

****DIRECT DRIVEN WITH PREWIRED SPEED CONTROLLER**

ATTENTION!
 INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH! MESSAGE ON LABEL.
 INSTALLER SHOULD SUPPLY ENOUGH ELECTRICAL CORD TO ALLOW FAN TO MAKE COMPLETE SWING.

STRATOVENT UL-762 EXHAUST FAN
6'-3" LONG TACO BELL HOOD

DUCT TRANSITION (SUGGESTED)
 CURB

NOTE: ALL DIMENSIONS (INCHES)
 WEIGHTS: 65 LBS (FAN), 45 LBS (CURB)

STRATOVENT
 REDDING, CA - RALEIGH, NC
 800-474-0037
 WWW.STRATOVENT.COM

TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **14**

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

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

8 FLOW POINTS

3.0 GA. R102 ANSUL SYSTEM

2'-0" APPROX

FIELD CUT

1N 1W

3NS 3NS

12" 16" 75" 50"

6'-3"

HEAT-ONLY APPLIANCES

STRATOVENT

PROVIDED BY: STRATOVENT
 RALEIGH, NC - REDDING, CA
 CONTACT: JEFF JOHNSON
 PH: 251-490-6114, Fax: 919-573-4251
 JEFF.JOHNSON@STRATOVENT.COM

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

LOCATION OF PULL STATION PER LOCAL CODES.

STRATOVENT

REVISED: 05-05-2014

TACO BELL HOOD FIRE SUPPRESSION SCHEDULE N.T.S. **16**

INSTALLATION: DUCT TEMPERATURE SWITCH SENSOR DETAIL

FAN CONTROL CIRCUIT (BY OTHERS, SEE E6.0)

HOT NEUTRAL

FAN SWITCH FAN CONTROL

DUCT SENSOR

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

THREADED INTO QUICK SEAL (ADAPTER BODY)

0.50" QUICK SEAL (ADAPTER BODY)

VULCAN CALSTAT

EXTERNAL SURFACE OF DUCT OR HOOD PLENUM AREA (BEHIND FILTERS), OR TOP OF HOOD CAVITY.

1.125" - 1.250" DIAM. HOLE

0.50" QUICK SEAL (NUT)

0.50" QUICK SEAL (WASHER)

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

STRATOVENT

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

MODIFIED: 05-05-2014

HEAT SENSOR ATTACHMENT N.T.S. **10**

1. Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 polish. All unexposed surfaces shall be constructed of minimum 18 gauge aluminumized steel.

2. UL classified aluminum or stainless steel baffle-type filters shall be easily removed for cleaning. Filter housing shall terminate in a pitched grease trough that drains into a removable stainless steel grease cup.

3. UL listed and NSF approved vapor proof incandescent light fixtures pre-wired to junction box at top of hood in accordance with NEC 70.

4. Pre-piped fire suppression systems shall be located on the top of the hood and provided with the hood or by a certified technician. Final location of all nozzles and fire suppression drops to be locally approved and inspected.

5. Hood(s) shall be fabricated in accordance with NFPA Bulletin #96 and shall bear the NSF Seal of Approval. Hoods shall be listed under UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, Certified by ETL under FILE# 3054804-001.

STRATOVENT

THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVND2. MANUFACTURED BY STRATOVENT VENTILATION HOODS RALEIGH, NC 27616 CONTACT: JEFF JOHNSON, 251-490-6114

HOOD NOTES AND SPECS (TYP) N.T.S. **6**

INSTALLATION: DUCT TEMPERATURE SWITCH HOOD DETAIL

OPTION #1: DUCT, JUST ABOVE EXHAUST OPENING. (MUST BE REACHABLE FROM BELOW OR THROUGH CLEAN-OUT DOOR FOR CLEANING)

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

OPTION #3: INTO HOOD CAVITY

REAR OF HOOD

NOTE: SENSOR MUST BE INSTALLED WITH INCLUDED UL-LISTED QUICK SEAL KIT PER FACTORY GUIDELINES (SEE EXPLODED PARTS VIEW).

STRATOVENT

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

MODIFIED: 05-05-2014

HEAT SENSOR LOCATION **12**

HOOD #	1 OF 1	MODEL #	STRATOVENT SVBD2
LENGTH (IN):	6'-3"	WIDTH (IN):	36"
HEIGHT (IN):			14"
EXHAUST CFM:	1050	SUPPLY CFM:	BY RTU-SEE M1.0
EXHAUST SP:	0.9" (HOOD+DUCT)	SUPPLY SP:	NA
EXHAUST FPM:	1512	SUPPLY FPM:	NA
EXH. SIZE:	10"X10"	SUP SIZE:	NA
FILTERS: (4)	16" X 16"	FILTERS: ()	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 SYSTEM INSTALL BY OTHERS.
 - INSTALLER TO REVIEW E6.0 SHEET FOR HOOD AND FAN WIRING. NO CONTACTOR OR CONTROL BOX IS FURNISHED WITH HOOD, UNLESS SOURCED DIRECT FROM STRATOVENT BY INSTALLER.

HOOD DETAIL 1: CORNER HANGING ANGLE (4) TYP. PER HOOD

HOOD DETAIL 2: TIMER MOUNTING CHANNEL-POWER OUTLET

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

HOOD DETAIL 1.

PLAN VIEW

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

TOP EDGE OF HOOD.

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

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

104" X 111", BACKSPASH, COVERING HOOD WALL AND 18" BEYOND THE HOOD. MINIMUM 20 GA. STAINLESS STEEL PROVIDED BY HOOD VENDOR.

FIELD CUT

UL LISTED LIGHT FIXTURES, FACTORY J-BOX.

HOOD DETAIL 2: 42" L X 3" H, FACTORY ATTACHED MOUNTING CHANNEL FOR CUSTOMER SUPPLIED TIMERS. DUAL 115V/1PH POWER OUTLET, 110V/1PH J-BOX TIE-IN ON TOP OF HOOD.

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

8'-10" HIGH, DROP CEILING (TYPICAL). HOOD PROVIDER MUST BE NOTIFIED IF CEILING HEIGHT VARIES.

HOOD DETAIL 2: 42" L X 3" H, FACTORY ATTACHED MOUNTING CHANNEL FOR CUSTOMER SUPPLIED TIMERS. DUAL 115V/1PH POWER OUTLET, 110V/1PH J-BOX TIE-IN ON TOP OF HOOD.

FRONT VIEW

HEAT-ONLY APPLIANCES

STRATOVENT

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

ETL LISTED FILE # 3054804-001 / TESTED TO UL-710

UPDATED: 6FT-3IN LONG VERSION, 05-05-2014 JJ

TACO BELL HOOD DETAIL N.T.S. **2**

LOW-PROFILE HOOD HOOD #1

STRAVOVENT HOODS BUILT IN COMPLIANCE WITH NSF, NFPA #96, UL STANDARD #2, ETL FILE NO. 3054804-001

NON-CANOPY HOOD DESIGN BASED ON:
 MANUFACTURER: STRATOVENT, MODEL SVBD2
 ETL LISTED TO UL-710: FILE # 3054804-001
 MIN. "LISTED" AIRFLOW: 150 CFM PER LINEAR FT DESIGN AIRFLOW: 168 CFM PER LINEAR FT
 MAX. DIST. ABOVE COOK SURFACE: 47"
 MAX. COOK SURFACE FRONT UNDERHANG: - 3"
 MIN. SIDE COOK SURFACE OVERHANG: 0"
 MAX. APPLIANCE COOKING TEMPERATURE: 450 F

HOOD DESIGN QUESTIONS?
 STRATOVENT KITCHEN VENTILATION
 PHONE: 251.490.6114
 JEFF.JOHNSON@STRATOVENT.COM

DUCT TERMINATION SHALL EXPAND TO MINIMUM OF 2" LARGER THAN FAN INLET DIAMETER. DO NOT OBSTRUCT FAN INLET.

ROOF LINE

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

EXHAUST FAN EF

DROP CEILING (TYPICAL)

25" H, 3-SIDED DUCT ENCLOSURE PANELS, SHIPPED LOOSE BY HOOD SUPPLIER. DESIGN FOR UP TO 8'-10" CEILING.

1'-0"

1'-2"

5'-11"

3'-0"

10'-0" MAX.

FIELD CUT OPENING BY INSTALLER, TRANSITION PER PLANS. DUCT OR HOOD MOUNTED HEAT SENSOR PER PLANS FOR AUTOMATIC ACTIVATION.

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

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

GREASE CUP

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

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

REAR WALL

STRATOVENT

ADDITIONAL QUESTIONS??
 CONTACT: STRATOVENT VENTILATION HOODS,
 919-573-4250 - 251-490-6114
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UPDATED: 6FT-3IN LONG VERSION, 05-05-2014 JJ

TACO BELL HOOD SECTION 1/2" = 1'-0" **4**

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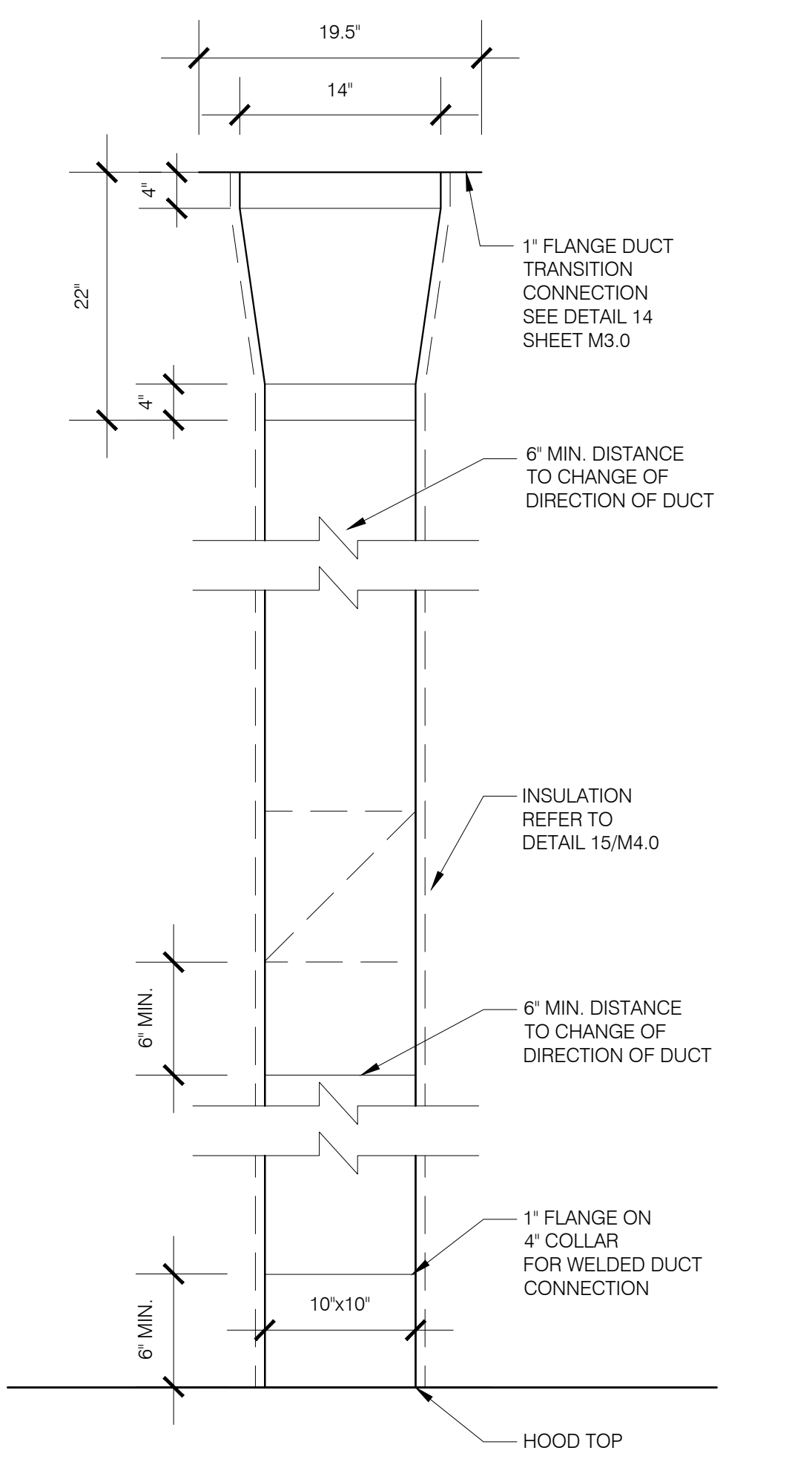
STATE OF NEW HAMPSHIRE
 BRIAN EDWARD CHANDLER
 No. 13352
 LICENSED PROFESSIONAL ENGINEER
 07.08.22

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

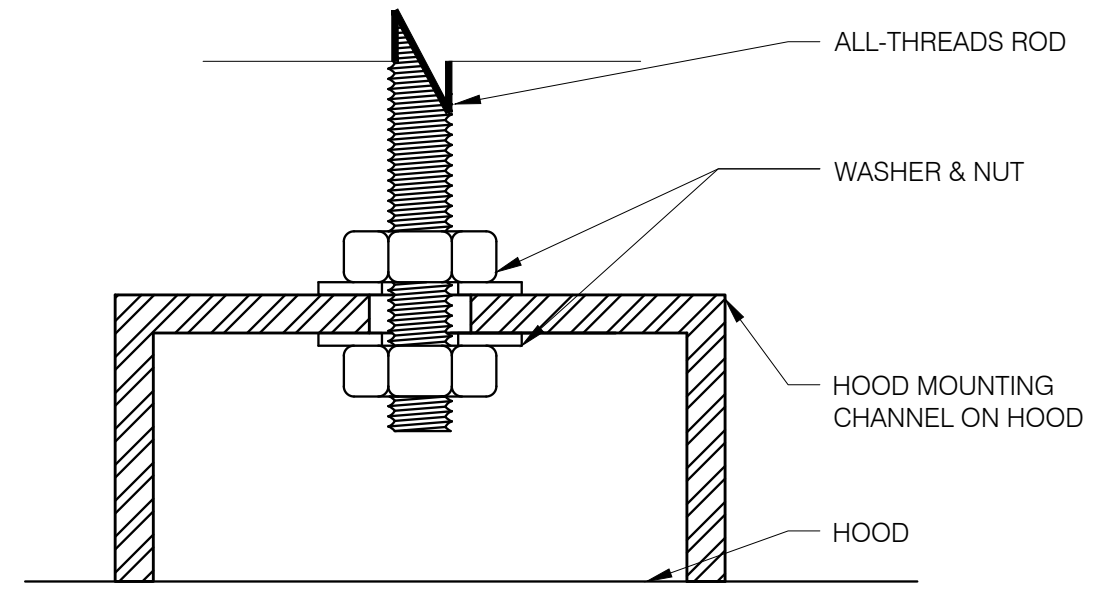
TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104

ENDEAVOR 2.0
 LARGE 50
HOOD DRAWINGS PLANS AND SECTIONS
M3.0

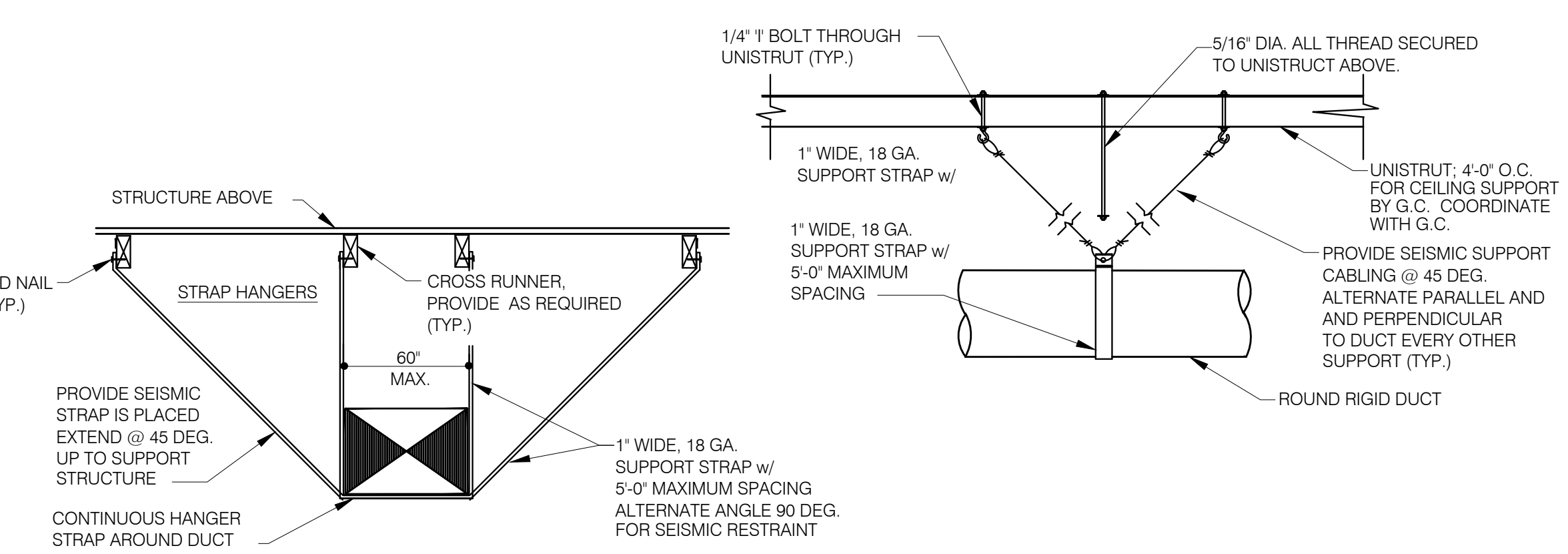
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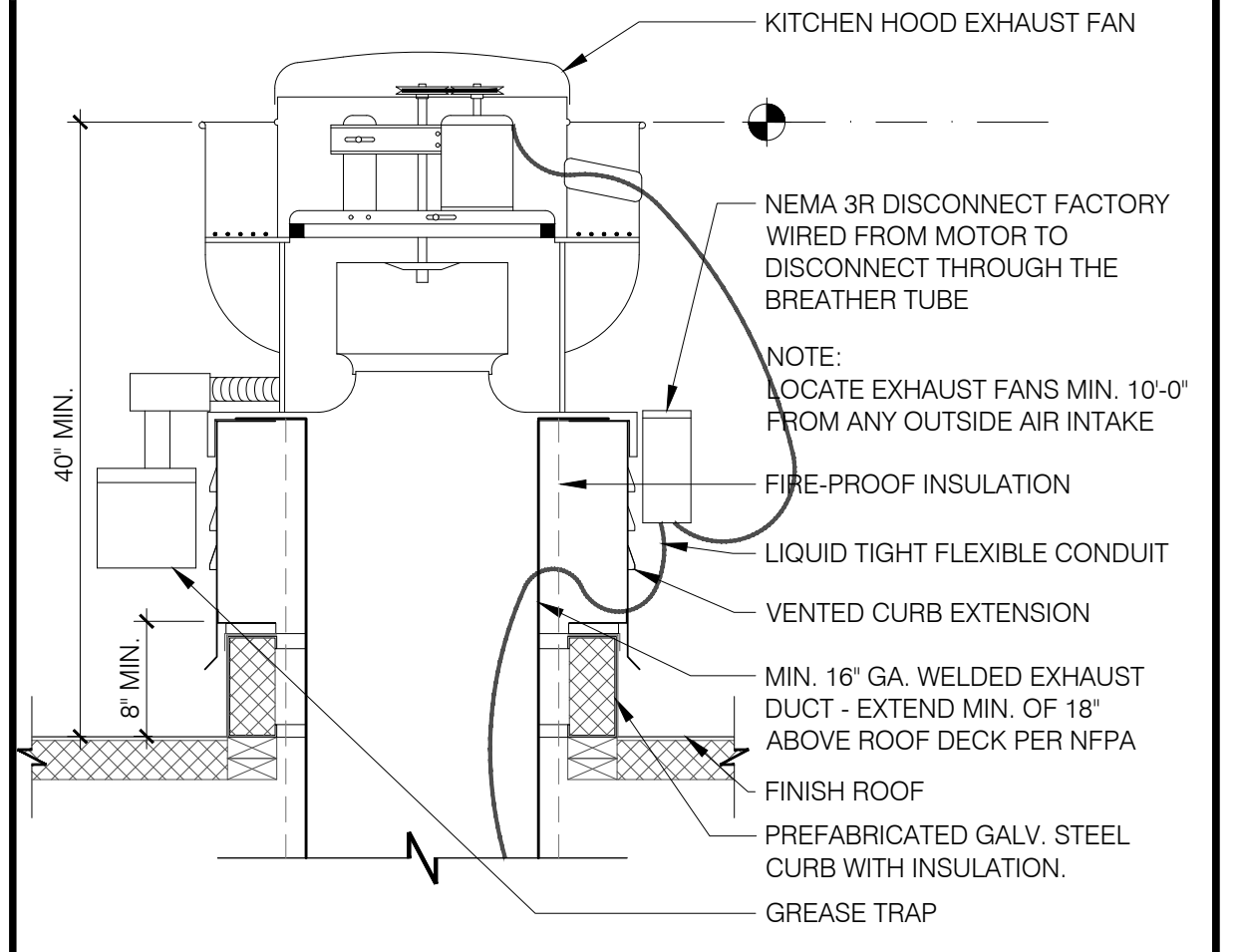
TB HOOD DUCT TRANSITION N.T.S. **18**



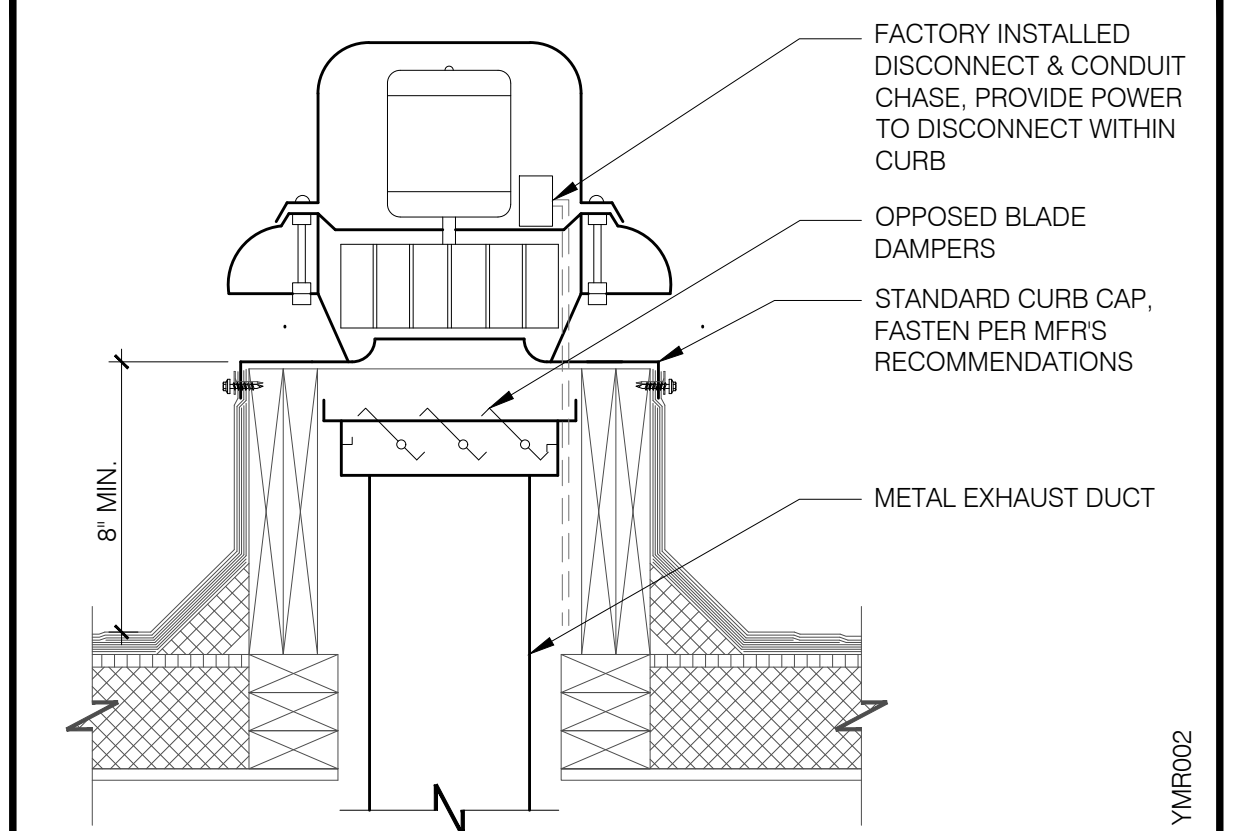
BOLT CONNECTION TO HOOD N.T.S. **14**



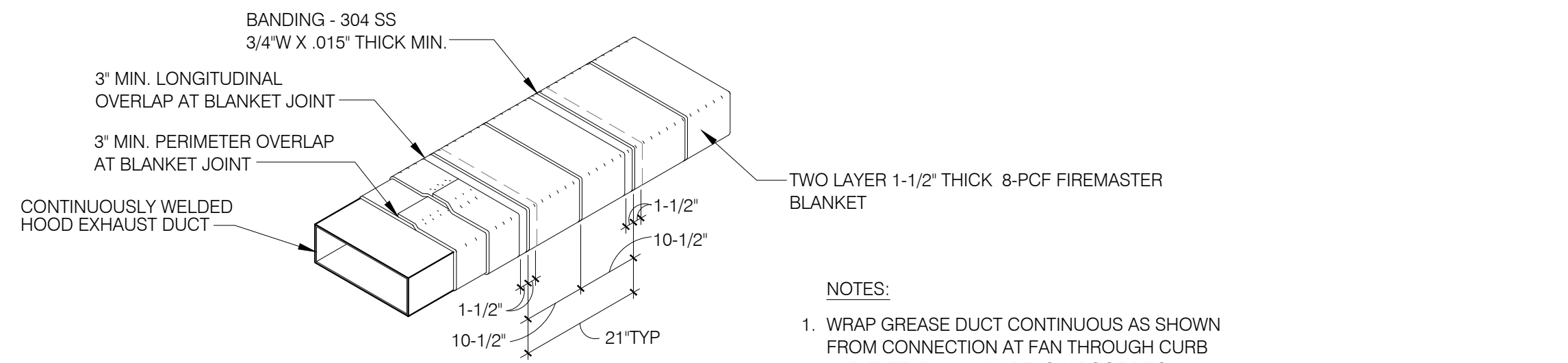
DUCT SUPPORT DETAIL N.T.S. **6**



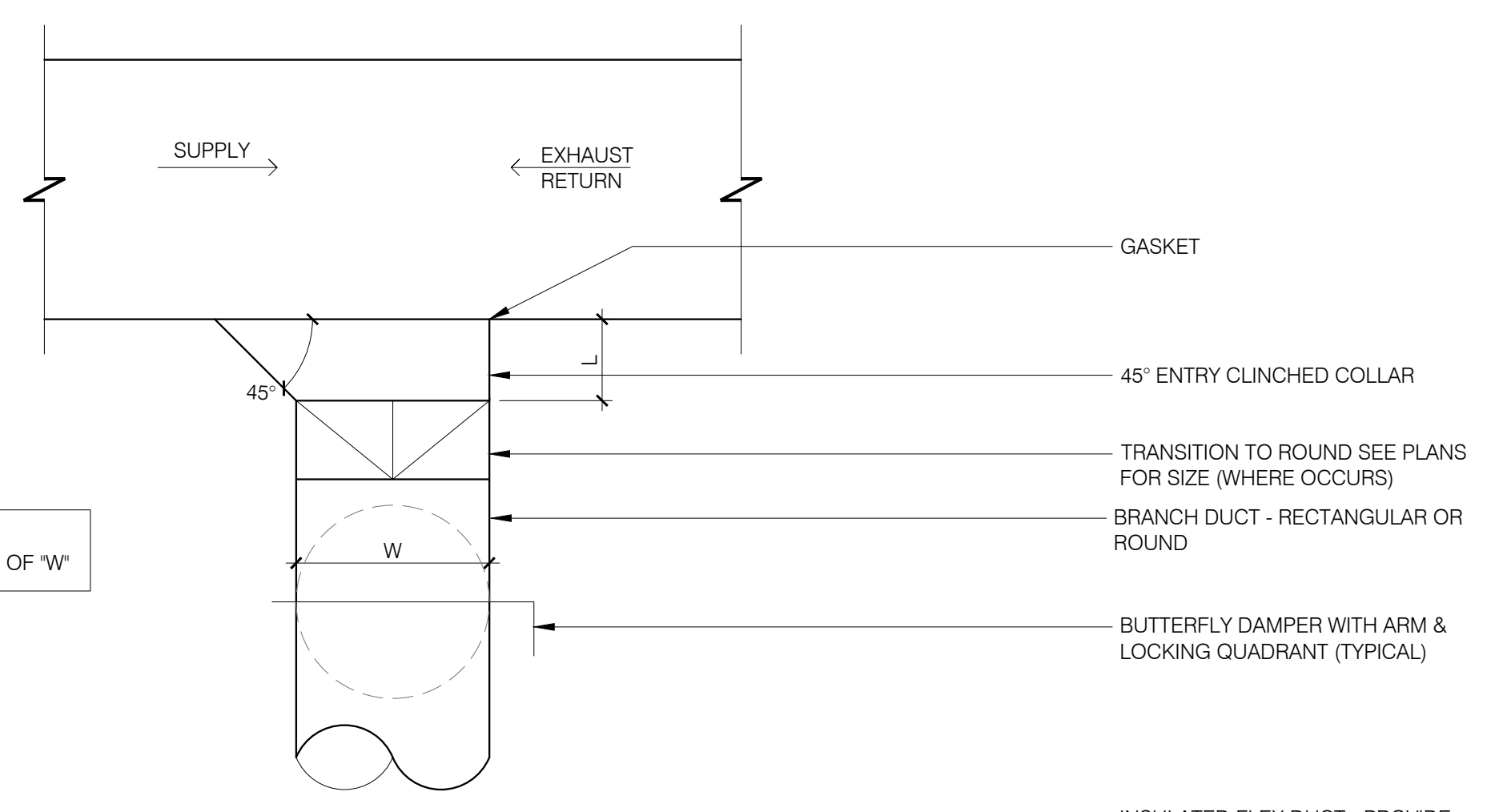
EXHAUST FAN EF-1 N.T.S. **1**



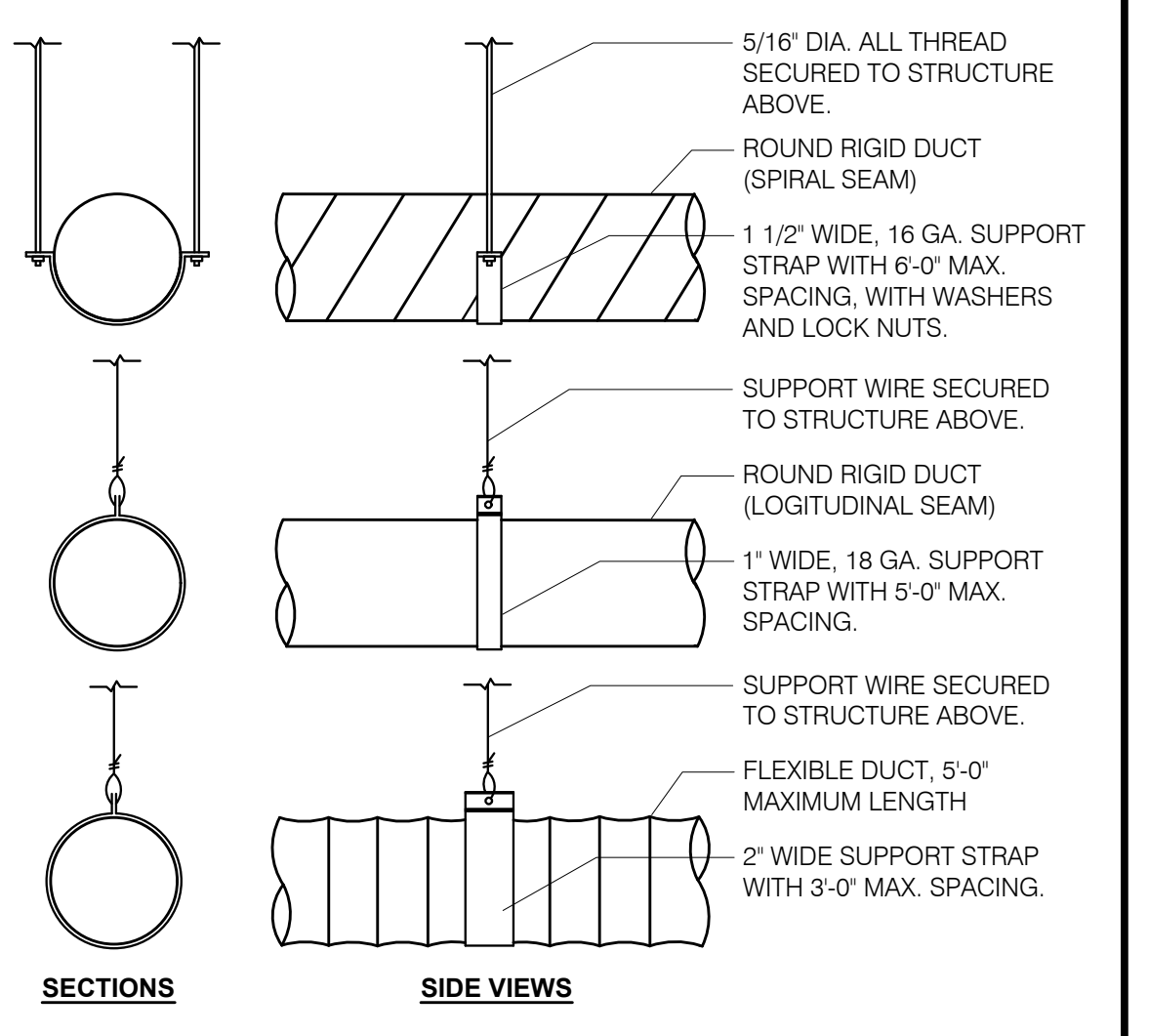
RESTROOM FAN (EF-2) N.T.S. **2**



KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL N.T.S. **15**

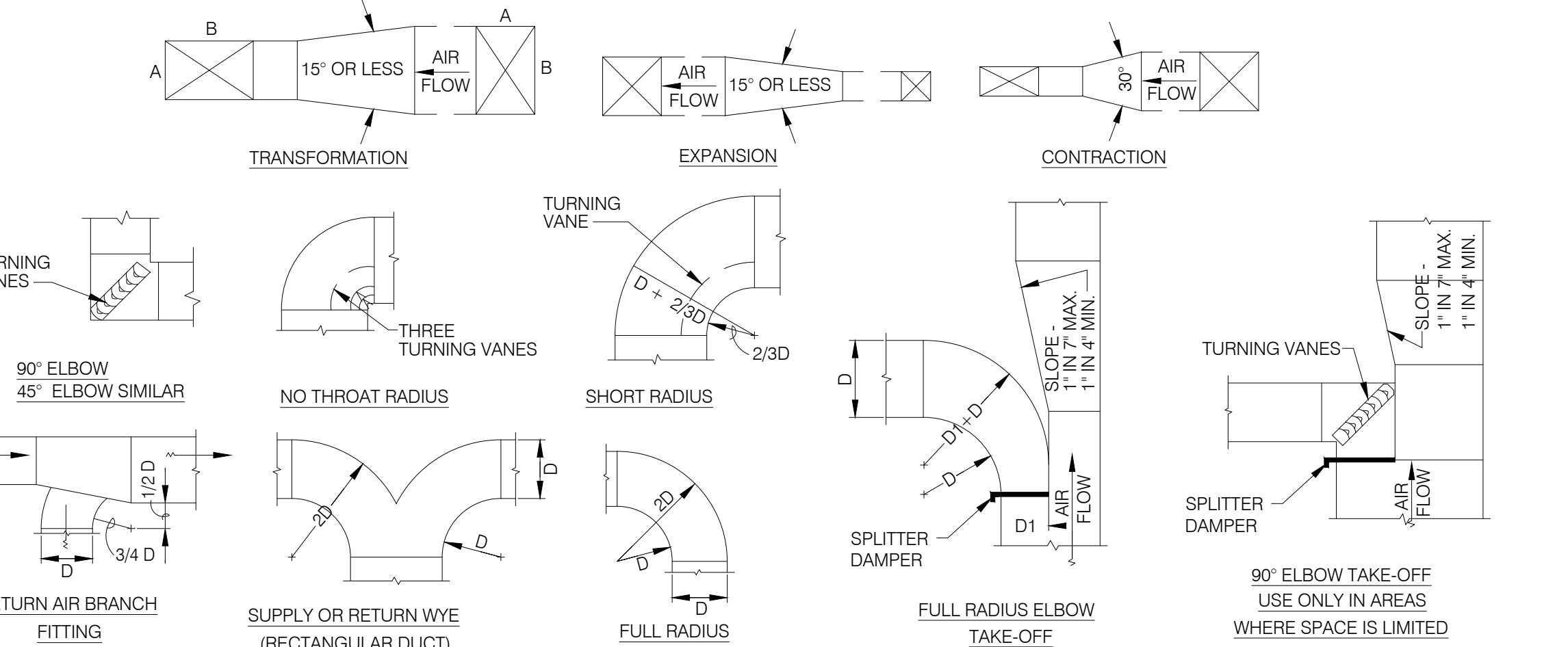


CEILING DIFFUSER CONNECTIONS N.T.S. **8**

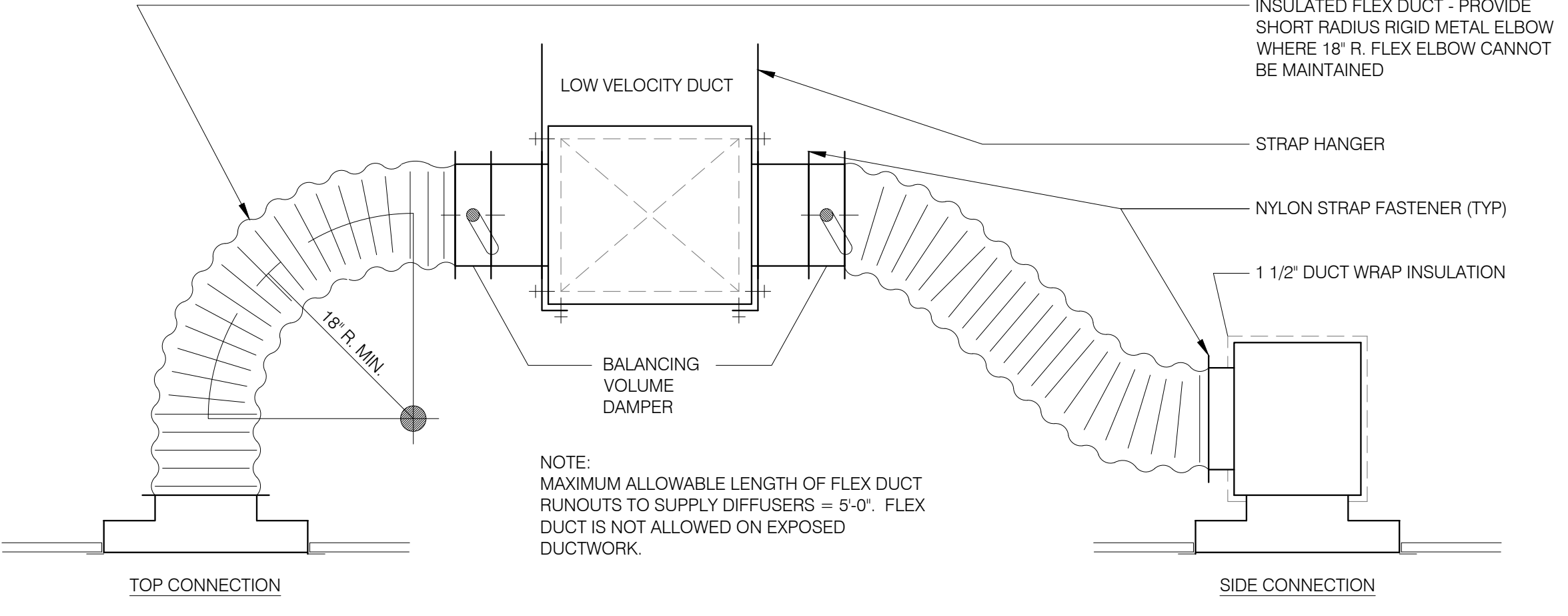


DUCT SUPPORT DETAIL **4**

- 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"

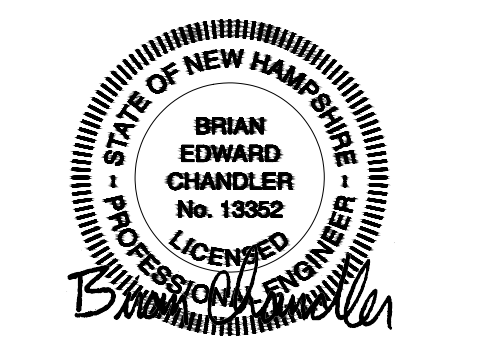


TYPICAL DUCTWORK DETAILS N.T.S. **16**



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 SUITE 510
 IRVING, TX 75038
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 E-MAIL: bchandler@idstudio4.com



07.08.22

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104



MECHANICAL AND HOOD DETAILS

M4.0

PERMIT PLOT DATE:

Installation, Start Up and Pre-Commissioning Checklist

[] = Responsible Party
Initial When Completed

Standard Unit
eFlex
Reference #

PROCESS

GC - General Contractor
EC - Electrical Contractor
MC-Mechanical Contractor
PC-Plumbing Contractor
AB-Air Balance Agency

Remarks

Table with columns for Reference #, Description, GC, EC, MC, PC, AB, and Remarks. Includes sections like Package Units, Ductwork, Economizer, Smoke Detectors, and Remote Smoke Detector Enunciators and Resets.

Installation, Start Up and Pre-Commissioning Checklist

[] = Responsible Party
Initial When Completed

Standard Unit
eFlex
Reference #

PROCESS

GC - General Contractor
EC - Electrical Contractor
MC-Mechanical Contractor
PC-Plumbing Contractor
AB-Air Balance Agency

Remarks

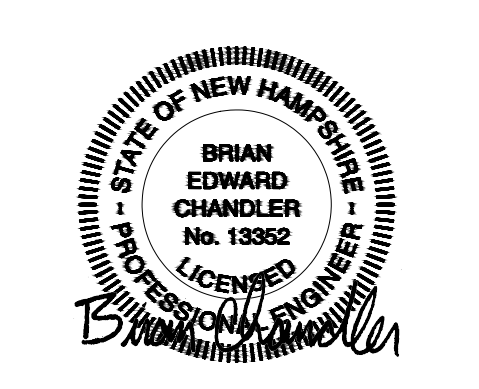
Table with columns for Reference #, Description, GC, EC, MC, PC, AB, and Remarks. Includes sections like Zonesensor, Thermostat, Hoodstat, Interlock, Anslu Shutdown, Lighting, and Air Balance Supplement.

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waynesville, oh 45068
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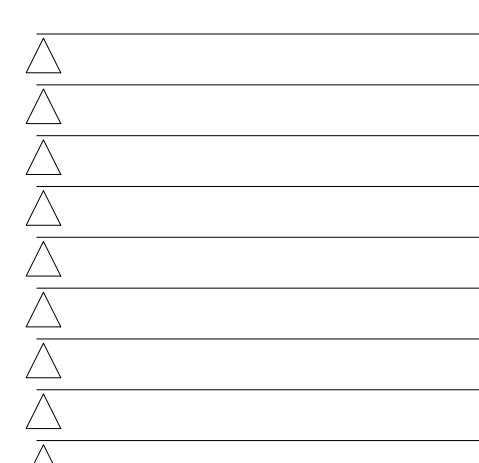
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CONTRACT DATE: 04.01.22
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TACO BELL
525 Hookset Road
Manchester, New Hampshire 03104

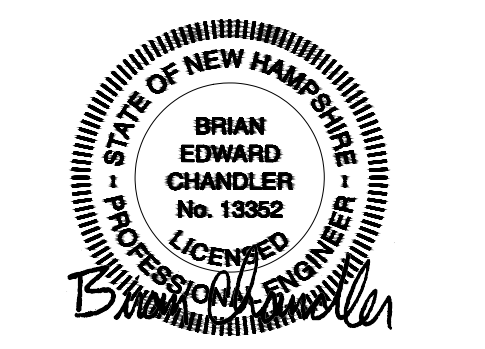


ENDEAVOR 2.0
LARGE 50

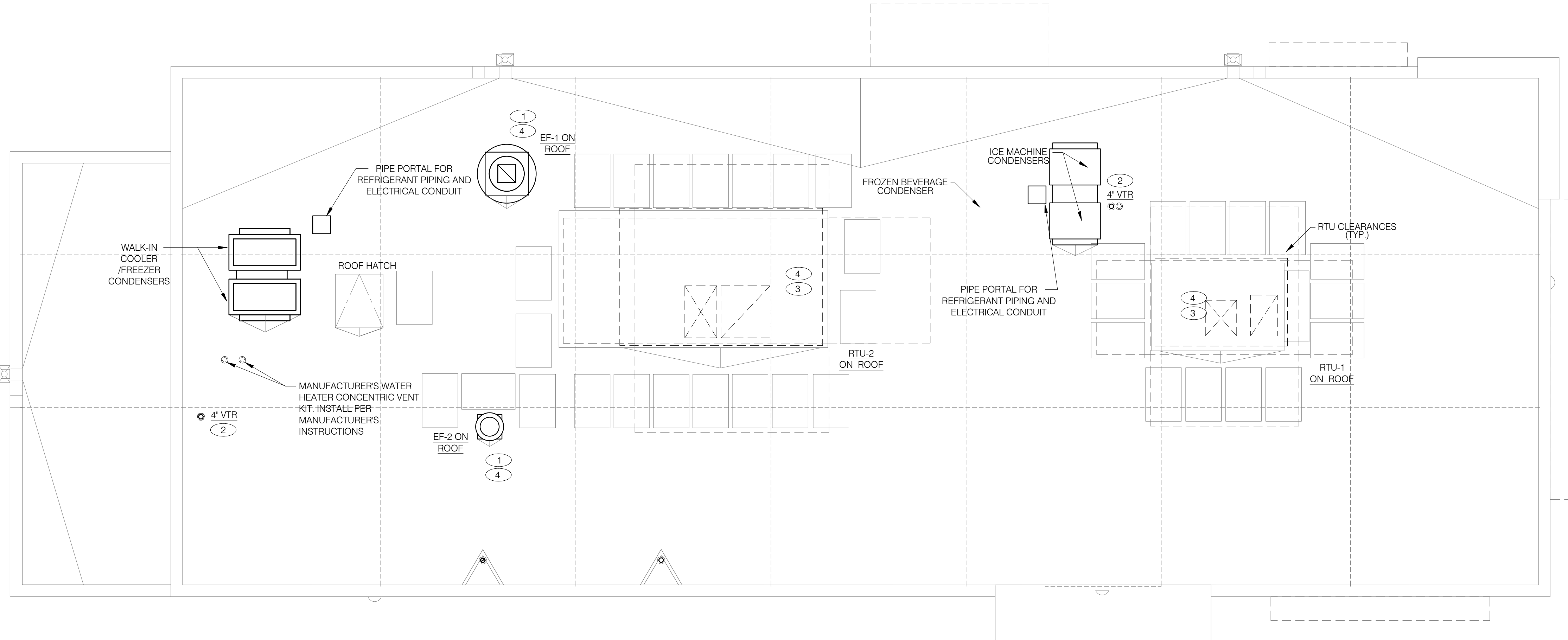
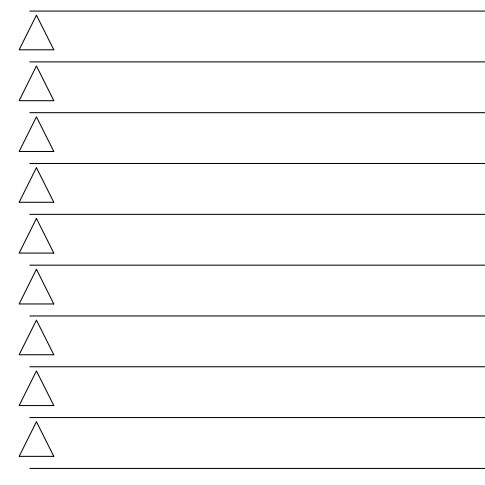
INSTALLATION START-UP PRE-COMM CHECK LIST

M5.0

PERMIT PLOT DATE:



07.08.22



12 11 10 9 8 7 6 5 4 3 2 1
MEP ROOF PLAN 1/4" = 1'-0" **A**

- ① MAINTAIN AT LEAST 10' BETWEEN ALL EXHAUST OUTLETS AND OUTSIDE AIR INTAKES.
- ② ENSURE VTR IS MINIMUM 10' FROM ALL OUTSIDE AIR INTAKES.
- ③ ALL UTILITY PIPING FOR RTU SHALL RUN UP THROUGH ROOF INSIDE THE CURB.
- ④ COORDINATE ROOF CURB AND DUCT DROP LOCATIONS WITH STRUCTURAL TRUSS BELOW ROOF.

CONTRACT DATE: 04.01.22
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TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104



MP ROOF PLAN
MP1.0

PERMIT PLOT DATE:

NOT USED

F

NOT USED

E

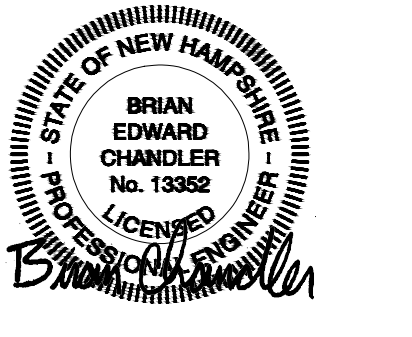
KEY NOTES

B

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07.08.22

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TACO BELL

525 Hookset Road
 Manchester, New Hampshire 03104



ENDEAVOR 2.0
 LARGE 50

PLUMBING SCHEDULES AND NOTES

P1.0

PERMIT PLOT DATE:

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

GENERAL NOTES

E

ITEM	QTY.	GPH	TOTAL GPH
HAND SINK / LAVATORY	4	5	20
PRE RINSE SINK	1	20	20
3 COMP POT SINK	1	90	90
MOP SINK	1	50	50
TOTAL			180

DEMAND FACTOR = 0.7
 TOTAL HW DEMAND = 180 GPH

 BTU/HR OUTPUT = TOTAL HW DEMAND x 8.34 x TEMP RISE
 = 180 x 8.34 x 80
 = 120,096 BTU
 BTU/HR INPUT = 120,096 / 0.75
 = 160,128 BTU

HOT WATER DEMAND

C

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

PLUMBING LEGEND

D

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	2	4	--	--
URINAL	1	5	5	5	2	--	--
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	--	--	2.5:1/1	3.5	--	--
FLOOR DRAIN	9	2	18	--	--	--	--
HUB DRAIN	-	-	-	--	--	--	--
FLOOR SINK	5	6	30	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REHEMALIZER*	1	-	-	--	--	1.0	1.0
TOTAL	-	-	70	--	22.75	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS: COLD WATER: 22.75 FU = 20 GPM 46 DFU DRAIN SAN 24 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

WATER CALCULATION'S

B

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	--	LIGHT DUTY, ACID RESISTANCE, WHITE PVC FLOOR SINK W/ 12" SQUIRE WHIT PVC HALF GRATE AND STAINLESS STEEL DEBRIS BUCKET WITH LIFTING HANDEL.	SIOUX CHIEF / MODEL: 861-4PNOW
FS 2	FLOOR SINK	4"	2"	--	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 6" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	SIOUX / MODEL: 861-4-PND
FD 1	FLOOR DRAIN (3')	3"	2"	--	--	--	2	--	LIGHT DUTY ADJUSTABLE PVC WITH THREADED ADAPTOR AND 5" DIAMETER NICKEL BRONZE RING AND FASTENED GRATE. TO INCLUDE PROSET TRAP GUARD WHERE TRAPS ARE SUBJECT TO EVAPORATION.	ZURAM / MODEL: FD-2210 SIOUX CHIEF 842 DATEY 72000
FCO 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, OLSENITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH LEVERS 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
UR 1	URINAL	2"	1-1/2"	3/4"	--	--	5	5	WHITE VITREOUS CHINA, WALL HUNG, TOP INLET, ADA COMPLIANT, 1/8 GPF, WITH WALL HANGER.	AM. STD. 'WASHBROOK' / 6590.525 SLOAN WEUS 1000.1301-0.13-ES-S
L 1	LAVATORY	1-1/4"	1-1/2"	1/2"	--	1/2"	2	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT SEE 8/P6.0, 4" CENTERS, WITH INTEGRAL BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC HANDWASHING FAUCET, SLOAN BATTERY FAUCET, ADA COMPLIANT, 0.5 GPM AERATOR.	A.S. COMRADE/ MODEL: 0124.131 CRANE 'HARWICH' / MODEL: 1412V SLOAN FAUCETS SF - 2350
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 PER DETAIL 7/P6.0. BRAIDED WATER LINES	-- -- --
S 2	MOP SINK	3"	2"	1/2"	1/2"	--	3	3	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER. INSTALLED BY GC FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY GC.	-- -- --
S 3	3-COMP. * SINK	INDIRECT	--	1/2"	1/2"	--	-/-	3	SINK, FAUCET, 0.65 GPM NOZZLE, DRAIN, & GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	-- -- -- --
S 4	PREP SINK	INDIRECT	--	1/2"	1/2"	--	--	2	SINK, FAUCET, 0.65 GPM NOZZLE, & DRAIN	-- -- -- --
GI 1	GREASE INTERCEPTOR	4"	2"	--	--	--	--	--	LINDSAY PRECAST 1,000 GALLON, GREASE INTERCEPTOR WITH SAMPLE BOX. FINAL SIZE TO BE DETERMINED BY LOCAL BUILDING AUTHORITY. CONTRACTOR CAN PROVIDE SIMILAR LOCALLY SOURCED GREASE TRAP THAT COMPLIES WITH THE AHJ SPECIFICATIONS. REFER TO ARCHITECTURAL SHEET D3.0. CONFIRM SPECIFICICATIONS WITH ENGINEER.	-- -- -- --
SP 1	SAMPLE PORT	4"	-	--	--	--	--	--	LINDSAY PRECAST SAMPLE PORT SERVING GREASE INTERCEPTOR, TO BE INSTALLED 3'-5" DOWNSTREAM OF INTERCEPTOR. CONTRACTOR CAN PROVIDE SIMILAR LOCALLY SOURCED SAMPLE PORT THAT COMPLIES WITH THE AHJ SPECIFICATIONS. REFER TO ARCHITECTURAL SHEET D3.0. CONFIRM SPECIFICICATIONS WITH ENGINEER.	-- -- -- --
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 LF495 LAWLER SERIES 310 LEONARD SERIES 170
WH 1 WH 2	WATER HEATER	--	--	1-1/4"	1-1/4"	--	--	--	PROPANE GAS FIRED TANKLESS APPLIANCE(S) INSTALLED COMPLETE WITH MCC-91 CONTROLLER AND T&P VALVE, 199,000 BTUH INPUT, EACH WITH A CONTINUOUS RECOVERY OF 3.8 GPM AT A 100°F RISE. APPLIANCE IS INDIVIDUALLY DIRECT VENTED/ SEALED COMBUSTION WITH MANUFACTURER AVAILBLE UBINK CONCENTRIC VENT KIT	RINNAI # C199i
ET 1	EXPANSION TANK	--	--	3/4"	--	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160" F, 12 GALLON CAPACITY.	WATTS SERIES DET AMTROL SERIES ST WILKINS SERIES WXTF
BFP 1	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	--	--	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: 009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
SA 1	SHOCK ARRESTOR	--	--	1/2"	--	--	--	--	STAINLESS STEEL CASING WITH STAINLESS STEEL BELOW, PRECHARGED WITH NITROGEN. SIZED PER PDI-WH201	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
RO 1	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER SEE TO DETAIL 9/P6.0	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
BFP 2	DOUBLE CHECK VALVE	--	--	VERIFY	--	--	--	--	WATTS REGULATOR MODEL LF7R DOUBLE CHECK VALVE ASSE 1022 PROVIDE WITH SHUT-OFF VALVE	-- --

*. IF GEN POWER SOAK SINK USED THEN ADD A MIXING VALVE TO SINK ABOVE SUSPENDED CEILING.

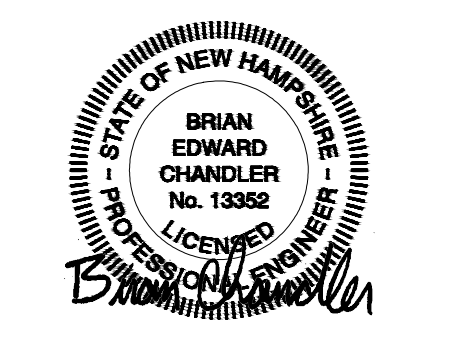
GREASE INTERCEPTOR SIZING

FIXTURE	QTY.	FIXTURE D.F.U.	TOTAL D.F.U.	TOTAL G.P.M.
MOP SINK	1	4	4	8
HAND SINKS	0	1	0	0
COMM. SINK 3-COMP.	0	4	0	0
PREP. SINK 1-COMP	0	3	0	0
FLOOR SINK	4	4	16	32
FLOOR DRAIN	5	2	10	20
TOTAL			30	60

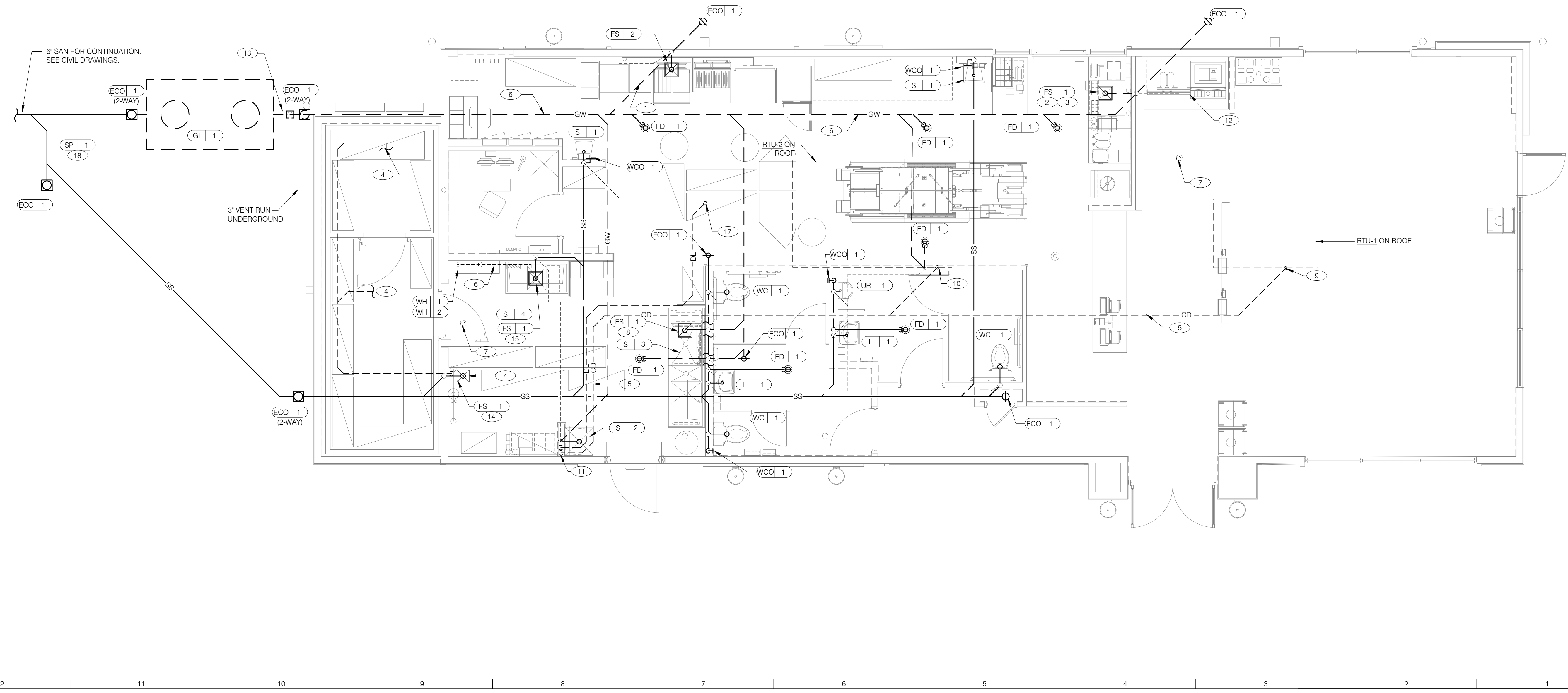
TOTAL DRAIN FIXTURE UNITS = 30 DFU = 60 GPM
 FROM TABLE 1003 2017 OHIO PLUMBING CODE
 SIZE OF THE GREASE INTERCEPTOR IS 1000 GALLONS
 DFU COUNT PER TABLE 709 2015 INTERNATIONAL PLUMBING CODE
 SAMPLE BOX DOWNSTREAM FROM GREASE INTERCEPTOR

PLUMBING SCHEDULE

A



07.08.22



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

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104



WASTE AND VENT PLAN
P2.0

PERMIT PLOT DATE:

- 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.** STORM WATER PIPING IS SIZED FOR A RAINFALL OF 4" PER HOUR. ADJUST ROOF DRAIN (RD-1) SIZE AND STORM PIPE SIZES PER THE LOCAL RAINFALL REQUIREMENTS AND BY THE AUTHORITY HAVING JURISDICTION. PIPE SHALL DISCHARGE OVER DRIVE-THRU ROADWAY CURB OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
- D.** INSULATE ALL HORIZONTAL RUNS OF STORM DRAINAGE PIPING ABOVE THE CEILING OR EXPOSED WITH 1" CLOSED CELLULAR INSULATION WITH VAPOR BARRIER JACKET THAT CAN BE PAINTED.
- E.** 4" SECONDARY DRAIN OUTLET SHALL EXTEND 2" BEYOND FINISHED WALL. SEE ARCHITECTURAL DRAWING A4.0 FOR INSTALLATION PROCEDURE AND A4.1 FOR EXACT LOCATION OF DRAIN OUTLET.
- F.** COORDINATE LOCATION OF STORM WATER PIPING ABOVE CEILING WITH ALL TRADES PRIOR TO INSTALLATION.

- 1** UNDERGROUND SANITARY PIPE SHALL BE 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 FS, PROVIDE AIR GAP PER LOCAL CODE.
- 3** PROVIDE WASTE LINES FROM BEVERAGE UNIT TO FS, PROVIDE AIR GAP PER LOCAL CODE.
- 4** PROVIDE 3/4" COPPER CONDENSATE FROM COOLER/FREEZER EVAPORATOR DRAIN PROVIDED BY VENDOR TO OUTFALL AT FLOOR SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). PIPE FROM REVERSE OSMOSIS SYSTEM TO FLOOR SINK.
- 5** PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF, RUN ABOVE CEILING TO MOP SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- 6** ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTLET OF INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 7** 3" VENT UP THROUGH ROOF.
- 8** PIPE WASTE FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

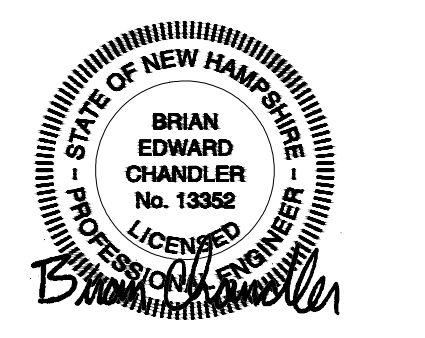
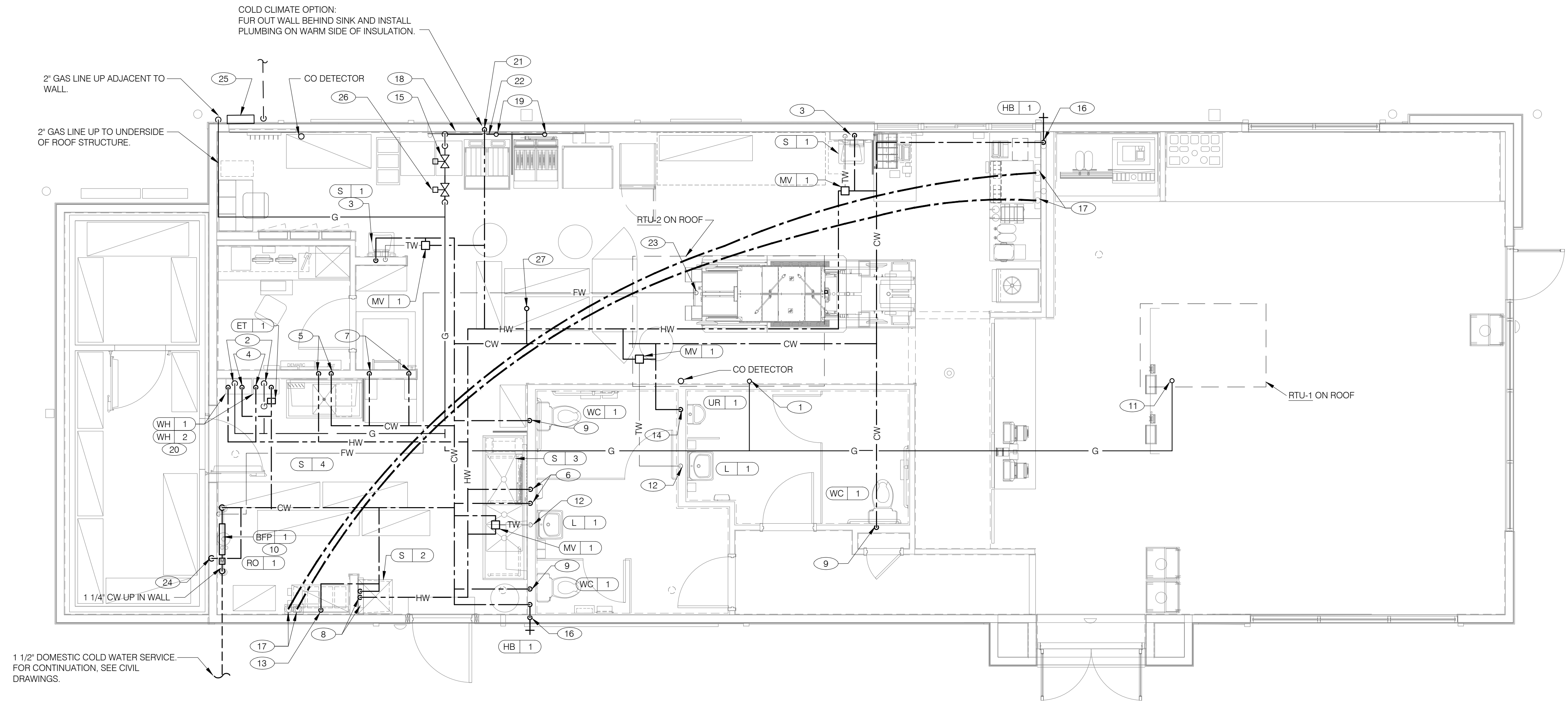
- 9** 1 1/4" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 13 ON DRAWING P6.0.
- 10** 1 1/4" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 13 ON DRAWING P6.0.
- 11** 1-1/2" CONDENSATE DRAIN PIPE DOWN TO MOP SINK. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
- 12** RUN DRAIN LINE FROM S/S DRINK MACHINE THRU WALL OPG. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 13** FLOW CONTROL FITTING WITH VENT.
- 14** DRAIN FOR REVERSE OSMOSIS AND BACKFLOW PREVENTOR DISCHARGE. ENSURE PROPER AIR GAP.
- 15** DRAIN FOR PREP SINK TO DISCHARGE INTO FLOOR SINK, PROVIDE PROPER AIR GAP.
- 16** ROUTE DRAIN LINE FOR WATER HEATER BEHIND EQUIPMENT TO FLOOR SINK WITH 1" AIR GAP.
- 17** PROVIDE 1" DRAIN LINE IF REQUIRED BY CONTRACTOR SELECTED ROOF HYDRANT. ROUTE AS SHOWN WITH 1/4"FT SLOPE IN DIRECTION OF FLOW TO MOP SINK.
- 18** SAMPLE PORT TO BE INSTALLED AT LEAST 3'-5" DOWNSTREAM OF GREASE INTERCEPTOR. REFER TO P1.0 FOR MORE INFORMATION.

NOT USED N.T.S. **E**

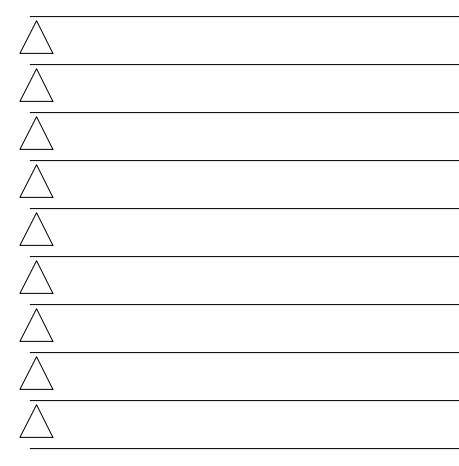
NOT USED **D**

WASTE & VENT PLAN NOTES **C**

KEY NOTES **B**



07.08.22



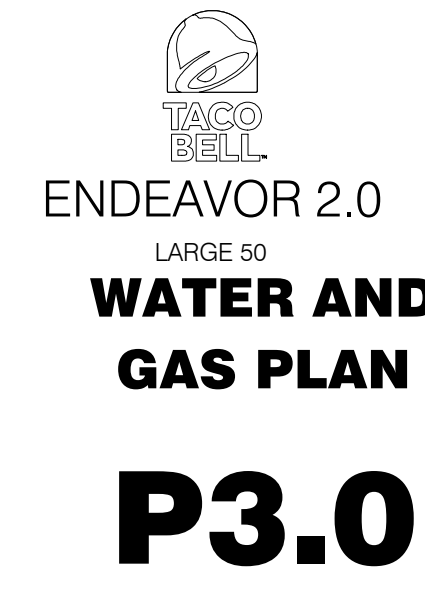
CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

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

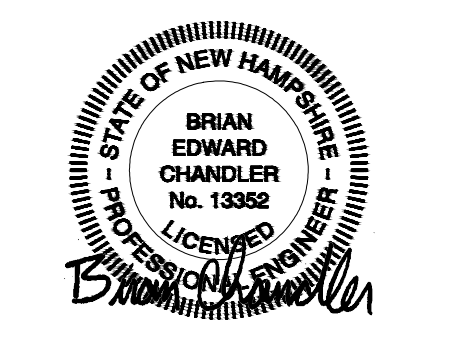
- A. WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.
- B. NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF 'WATER VALLEYS'. REFER TO ROOF PLAN FOR LOCATIONS.
- C. REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- D. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WATER AND GAS SIZES.
- E. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- F. PEX WATER LINES ACCEPTABLE AS ALTERNATE TO COPPER WHERE ALLOWED BY CODE.

- 1 1-1/4" GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK, UNION.
- 2 1 1/4" GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED AND COLD WATER DOWN IN WALL TO HAND SINK.
- 4 1" HOT AND 1" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" HOT AND COLD 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-450. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN THE WALL TO THE MOP SINK.
- 9 1/2" CW DOWN IN WALL TO WATER CLOSET FLUSHMETER TANK.
- 10 METER AND REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQ'S. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF METER. PIPE BFP RELIEF TO FLOOR SINK. VERIFY LOCATIONS WITH CIVIL DWGS.
- 11 1-1/4" GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK, UNION.
- 12 1/2" TEMPERED WATER LINE DOWN IN WALL TO LAVATORY.
- 13 3/4 CW DOWN ALONG WALL TO WATER FILTER S-286. COMPLETE WITH BACKFLOW ASSEMBLY.
- 14 3/4" CW DOWN IN WALL TO URINAL FLUSH VALVE.
- 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-543. WATER SUPPLY TO EACH BEVERAGE AND ICE MACHINE TO SHALL BE BACKFLOW PROTECTED. SEE DRAWINGS A2.0, P1.0, AND P6.0.
- 18 1-1/4" GAS DOWN ALONG WALL TO TACO BELL COOKING EQUIPMENT.
- 19 GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT. SEE 5/P6.0 FOR SIZES.
- 20 3" PVC COMBUSTION AIR AND VENT FOR WATER HEATER. SEE M2.0.
- 21 1/2" HOT WATER DOWN IN WALL TO TB RETHERMALIZER. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT. HARD GAS LINE BEHIND COOKING EQUIPMENT SHALL NOT BE MORE THAN 6" MAX. FROM THE WALL SURFACE.
- 23 1/4" FILTER WATER LINE DOWN IN UTILITY CHASE OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FW PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-305 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 CO. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 PROVIDE AND INSTALL COMPLETE CO DETECTION SYSTEM WITH CONTROL PANEL (NOT SHOWN), GAS VALVE AND TWO CO DETECTORS. UPON ACTIVATION OF DETECTOR(S), SOLENOID VALVE SHALL GO TO CLOSED POSITION AND OCCUPANTS SHALL BE NOTIFIED PER CODE REQUIREMENTS.
- 27 3/4" COLD WATER UP TO SPIGOT ON ROOF. SEE 7/P6.0 FOR MORE INFORMATION.

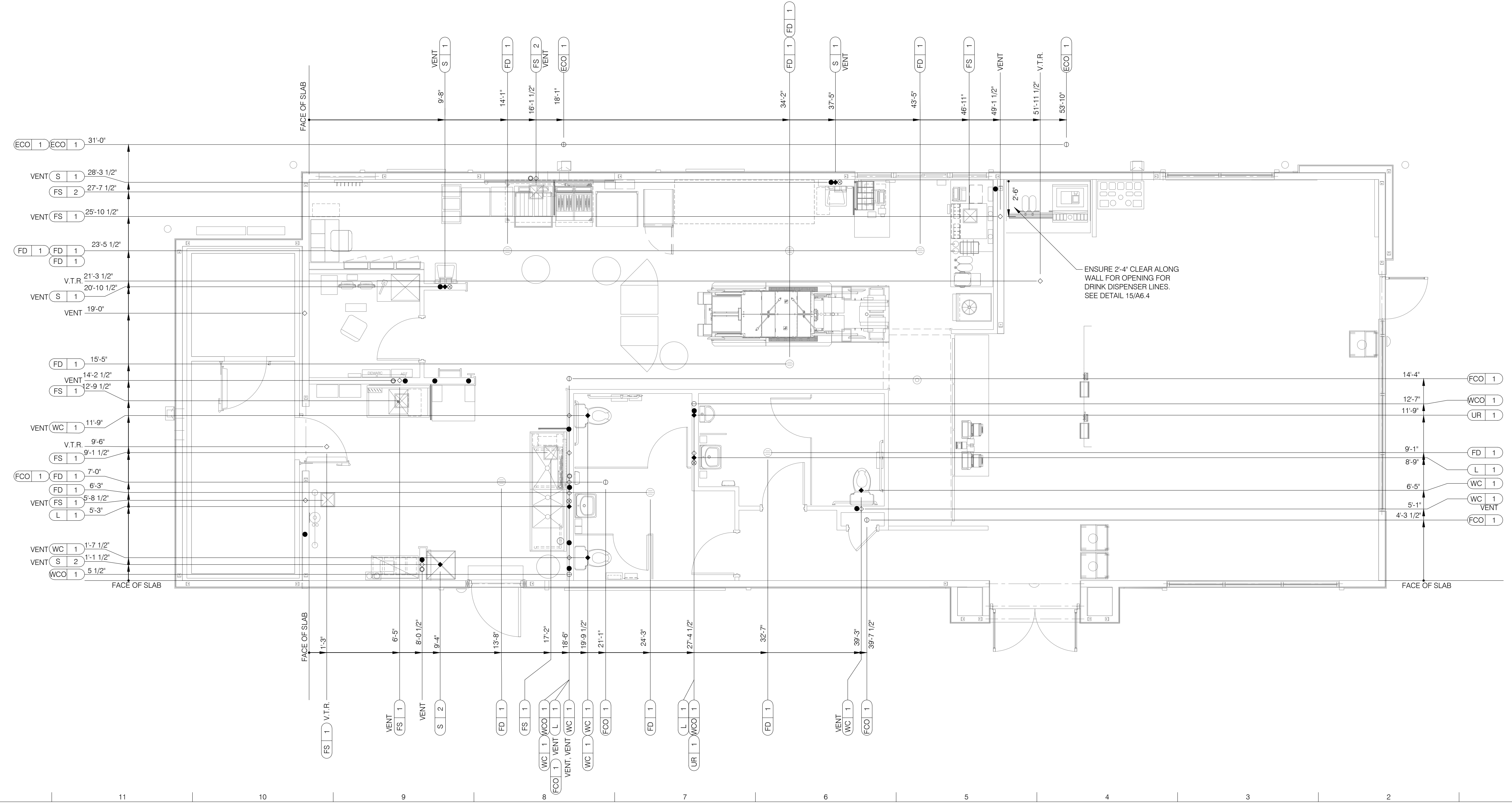
TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104



PERMIT PLOT DATE:



07.08.22



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

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK			--	S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--
WH 1	WATER HEATER			--	S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 1	WATER HEATER	G	+15" A.F.F.	--	S 4	PREP SINK	W	+19" A.F.F.	--
WH 2	WATER HEATER	CW		--	S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 2	WATER HEATER	G	+15" A.F.F.	--	S-513	ICE MAKER	FW	-	VIA SYRUP BUNDLE
WC 1	WATER CLOSET FLUSH VALVE	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR	C-107	REETHERMALIZER	HW	+8" A.F.F.	--
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED	C-107	REETHERMALIZER	G	+12" A.F.F.	--
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	C-046	DOUBLE OPEN FRYER	G	+12" A.F.F.	--
L 1	LAVATORY	TW	+20" A.F.F.	--	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	P-250	UTILITY CHASE FOR M.A.P.S. LINE	HW/FW	CLG.	STUB AT CLG.
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--	P-452	HOT WATER SYSTEM	CW	+24" 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.	--					

PLUMBING ROUGH-IN SCHEDULE **D**

- HOT WATER
- COLD WATER
- ⊙ TEMPERED WATER
- GAS
- ⊖ FLOOR DRAIN
- ⊠ FLOOR SINK
- HUB DRAIN
- ◆ WASTE OUTLET
- FLOOR CLEANOUT
- WALL CLEANOUT
- FILTERED WATER
- ◇ VENT UP FROM UNDER SLAB

SYMBOL LEGEND **C**

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 THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.
 CHILLED & FILTERED.

PLUMBING ROUGH-IN NOTES **B**

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

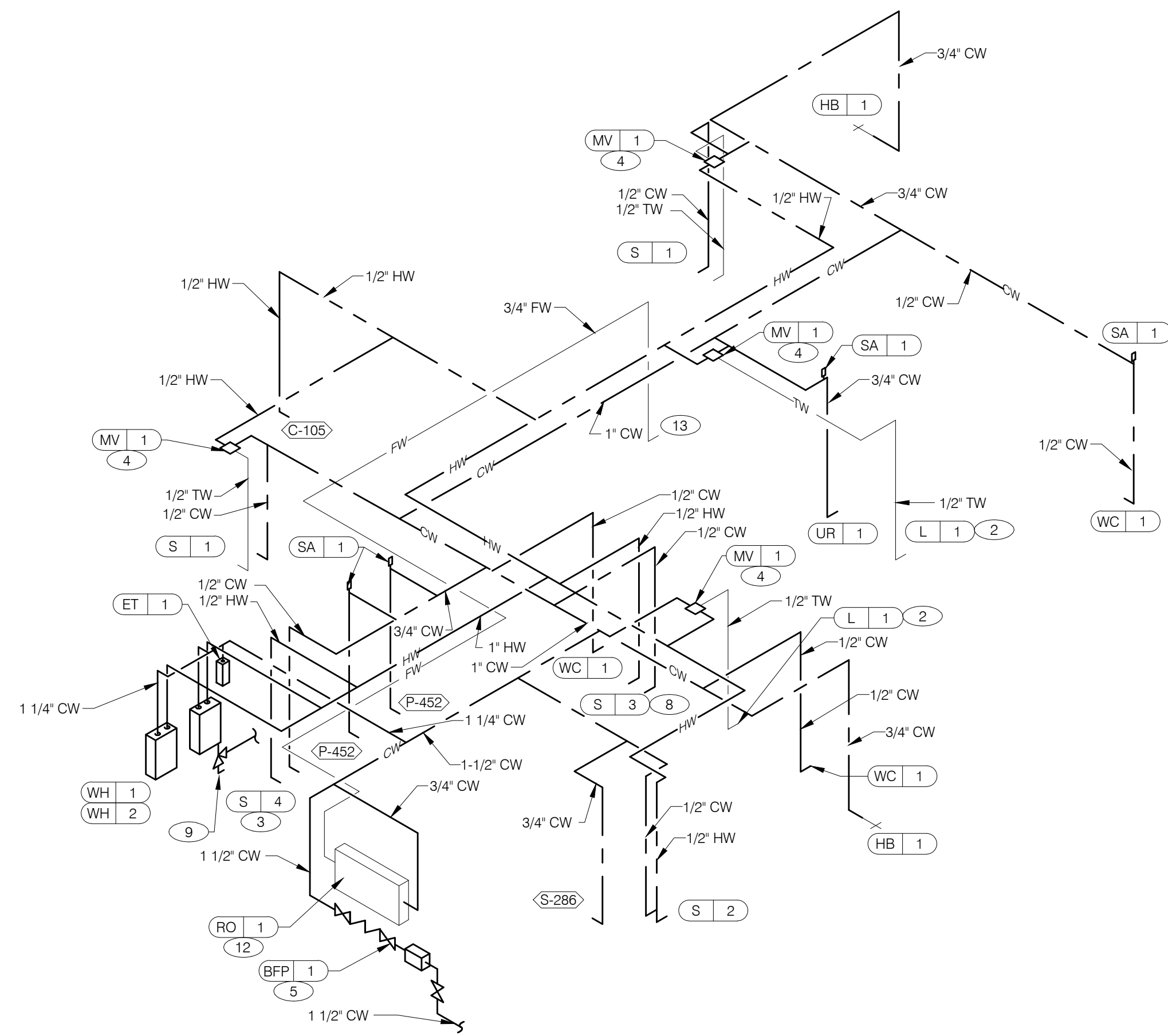
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

ENDEAVOR 2.0
 LARGE 50

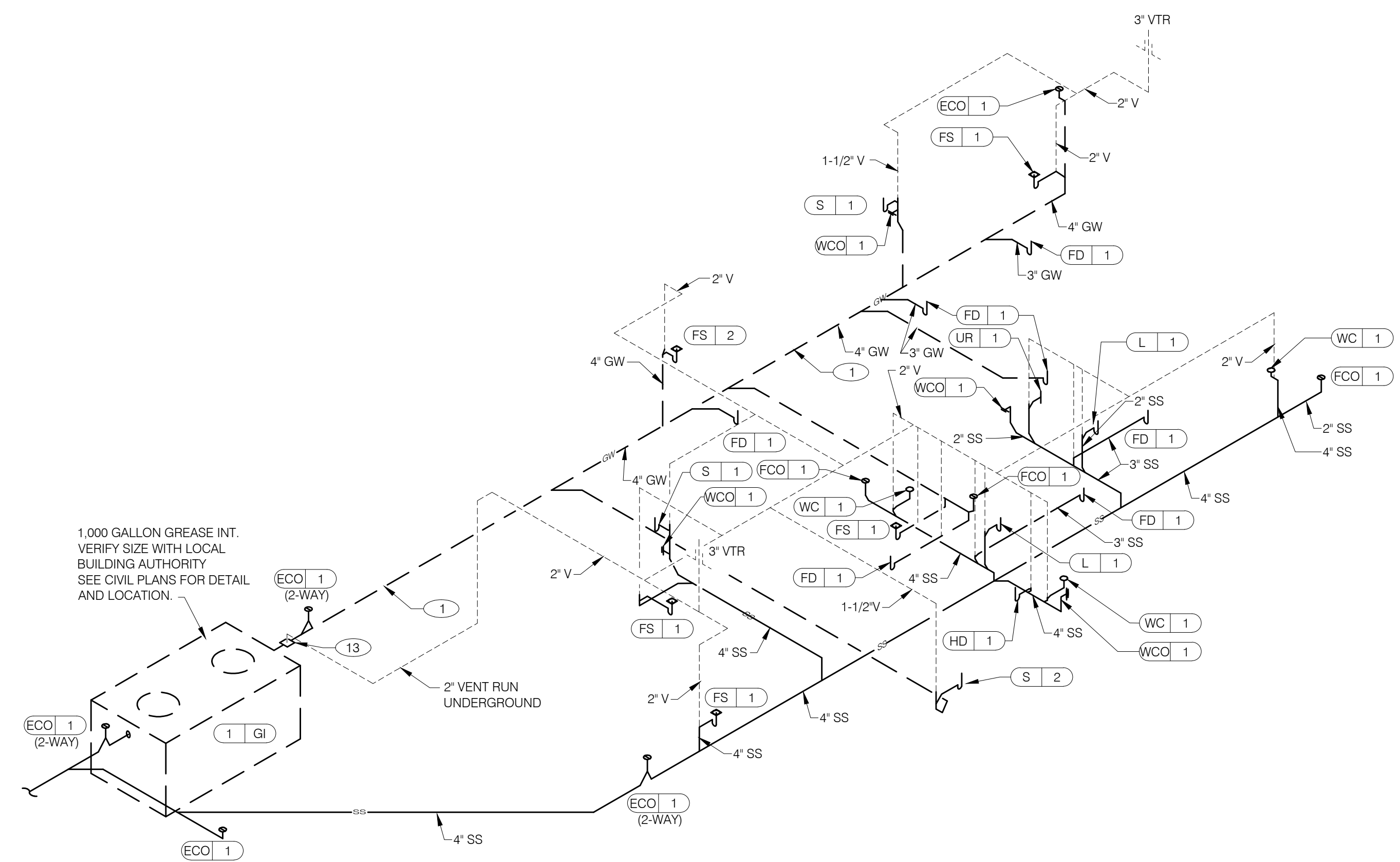
PLUMBING ROUGH-IN PLAN

P4.0

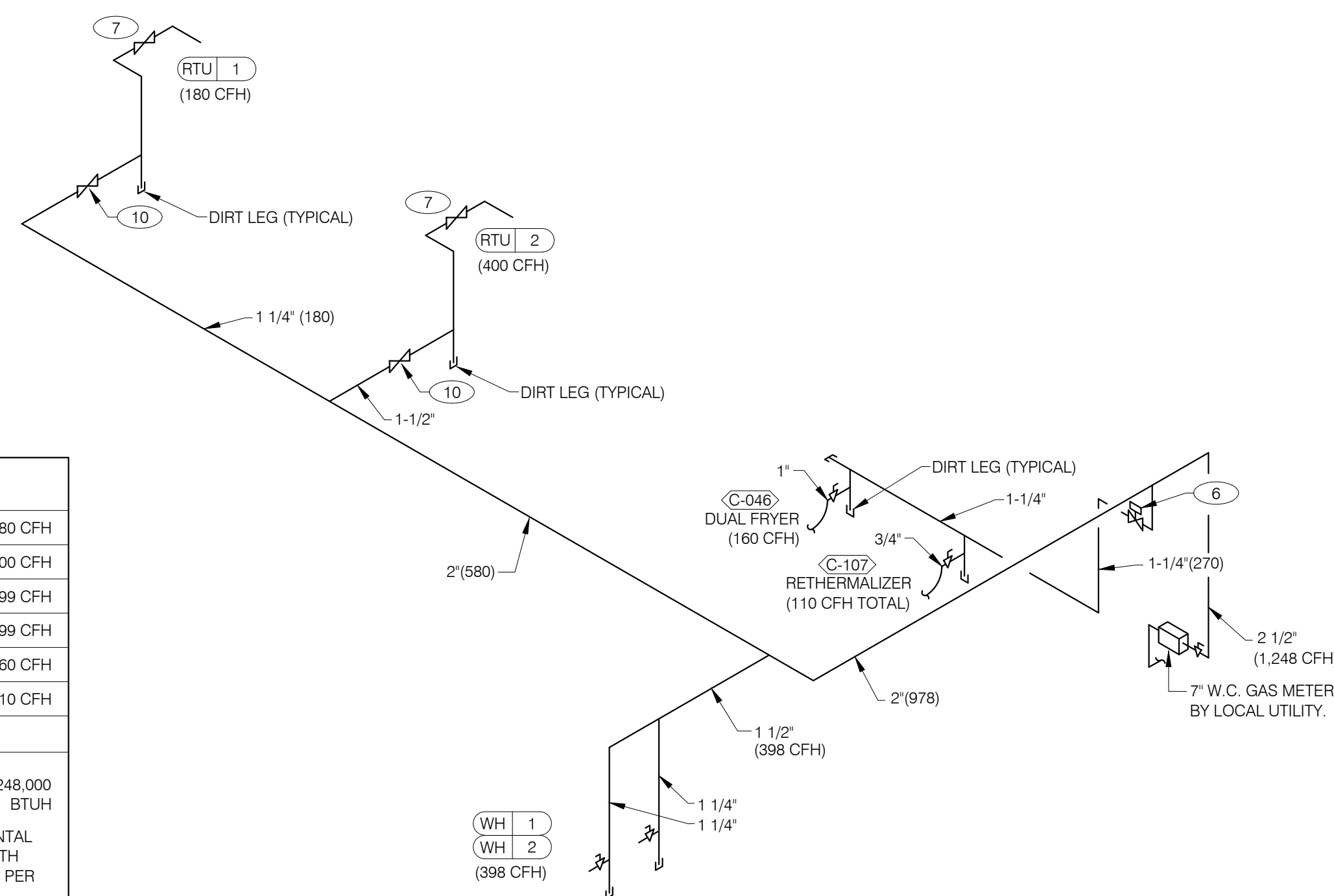
PERMIT PLOT DATE:



WATER ISOMETRIC N.T.S. **4**



WASTE AND VENT ISOMETRIC N.T.S. **1**

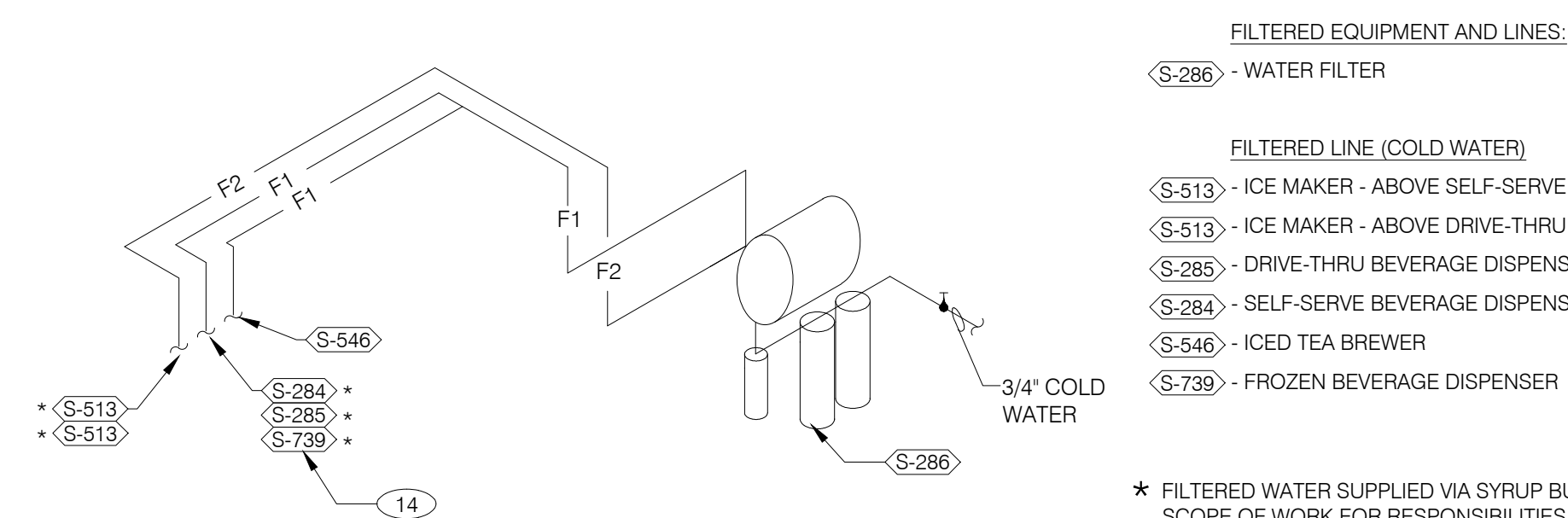


GAS DEMAND SCHEDULE	
RTU-1	180 CFH
RTU-2	400 CFH
WH-1	199 CFH
WH-2	199 CFH
DOUBLE FRYER	160 CFH
RETHEMALIZER	110 CFH
TOTAL DEMAND BASIS OF DESIGN	1,248 CFH = 1,248,000 BTUH

PIPE SIZE BASED ON 125' DEVELOPMENTAL LENGTH TO MOST REMOTE OUTLET WITH 7" W.C. AND 0.3" W.C. PRESSURE DROP PER IFGC TABLE 402.4(1)

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

GAS ISOMETRIC N.T.S. **5**



- FILTERED EQUIPMENT AND LINES:**
- (S-286) - WATER FILTER
- FILTERED LINE (COLD WATER)**
- (S-513) - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER *
 - (S-513) - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *
 - (S-285) - DRIVE-THRU BEVERAGE DISPENSER *
 - (S-284) - SELF-SERVE BEVERAGE DISPENSER *
 - (S-546) - ICED TEA BREWER
 - (S-739) - FROZEN BEVERAGE DISPENSER

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

FILTERED WATER ISOMETRIC N.T.S. **2**

- ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE NO HUB CAST IRON AS REQUIRED BY CODE.
- 1/2" TEMPERED WATER DOWN IN WALL TO LAVATORY.
- 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- THERMOSTATIC MIXING VALVE.
- METER AND REDUCED PRESSURE BACKFLOW PREVENTER.
- EMERGENCY GAS SHUT-OFF VALVE SHALL BE A MECHANICALLY OPERATED VALVE ACTIVATED BY THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH IBC AND NFPA.
- FACTORY GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
- 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO 3 COMP SINK.
- PIPE T&P RELIEF VALVE TO HUB DRAIN, RUN FULL SIZE PIPE FROM VALVE WITH TYPE "K" COPPER TUBING.
- GAS SHUT-OFF VALVE IN CEILING SPACE BY G.C.
- PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO TB RETHEMALIZER.
- 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.
- 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.
- TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 16/P6.0.

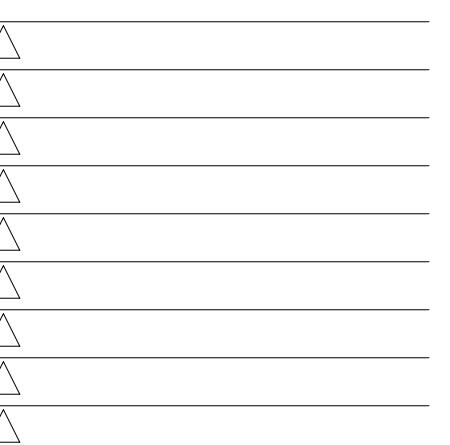
KEYNOTES **3**

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07.08.22



CONTRACT DATE: 04.01.22
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SITE NUMBER: TBD
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TACO BELL

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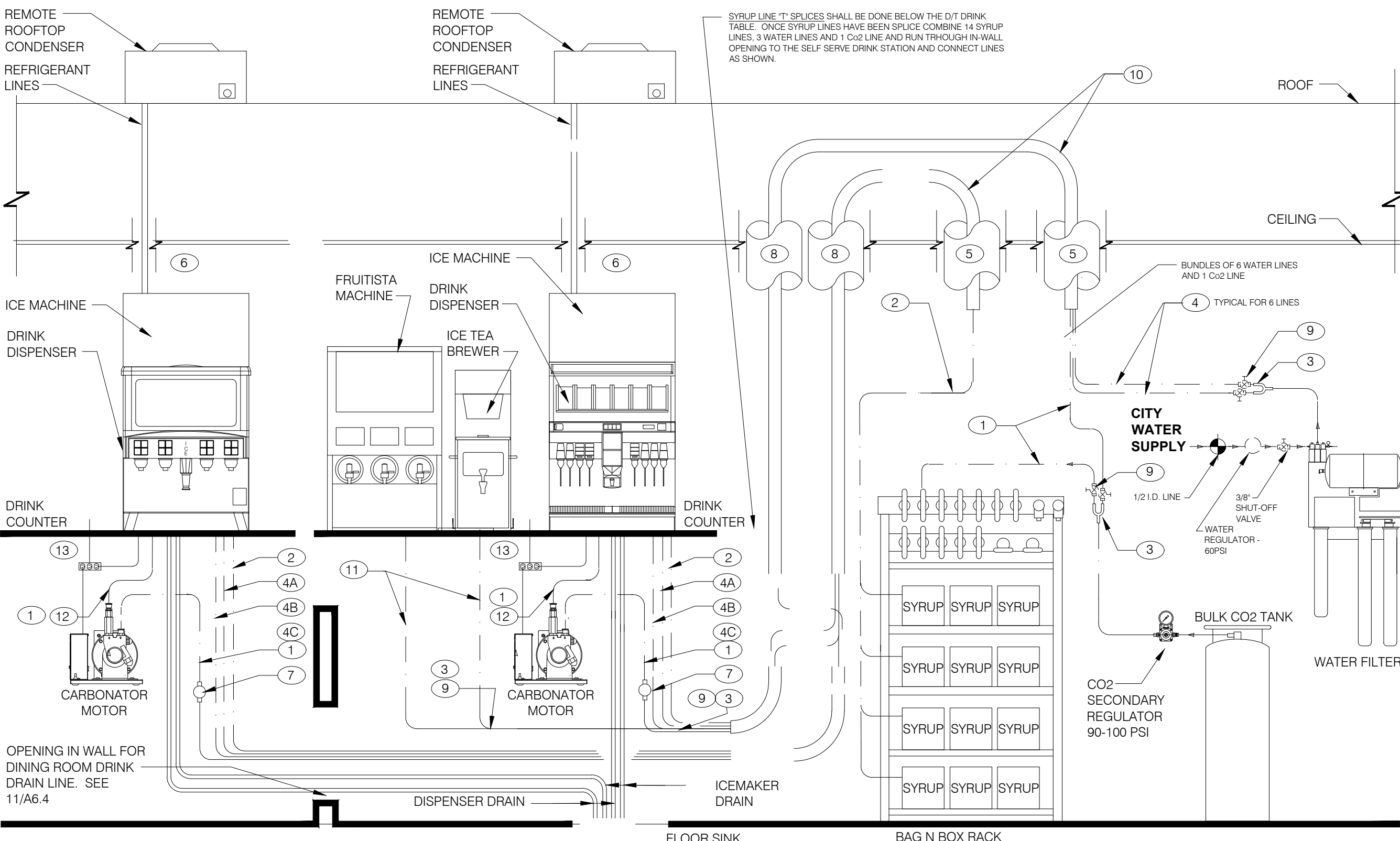
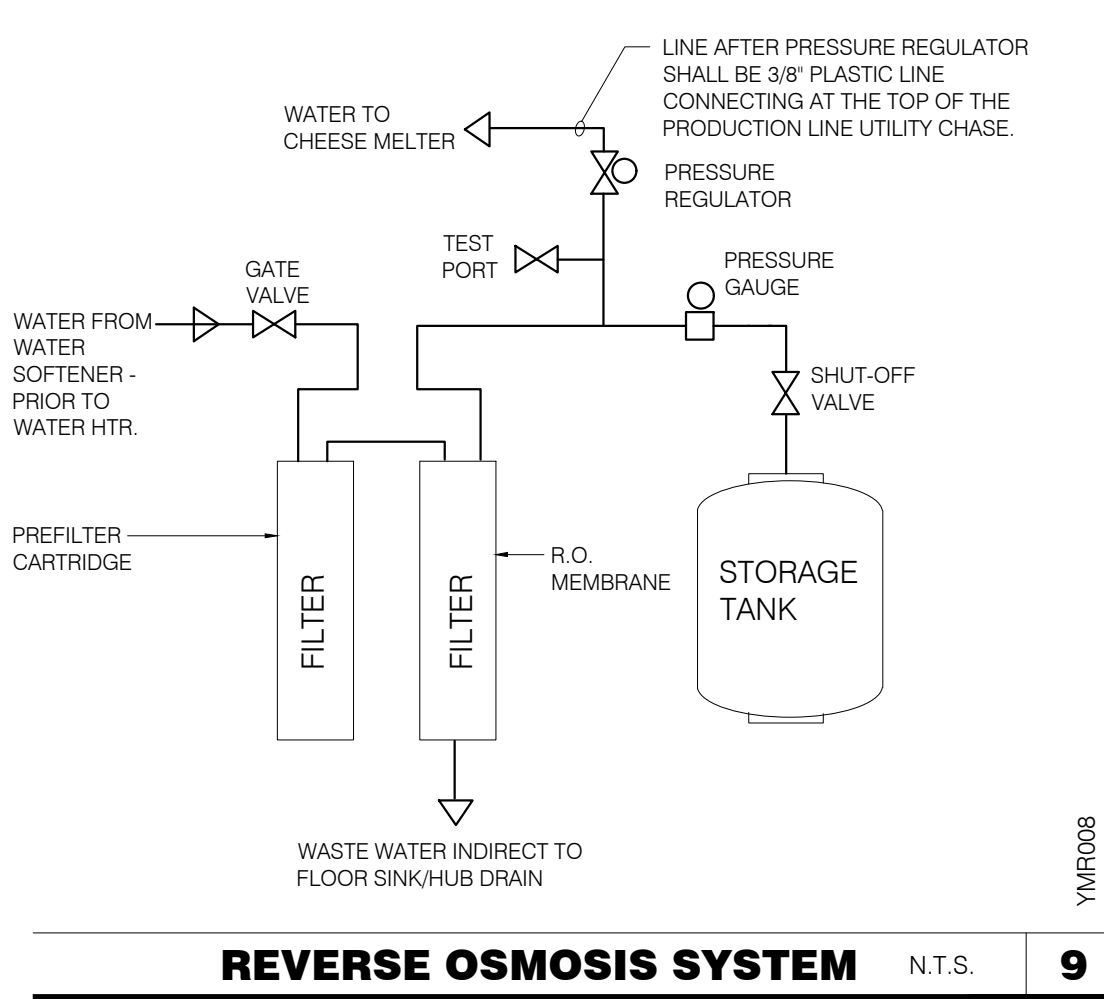
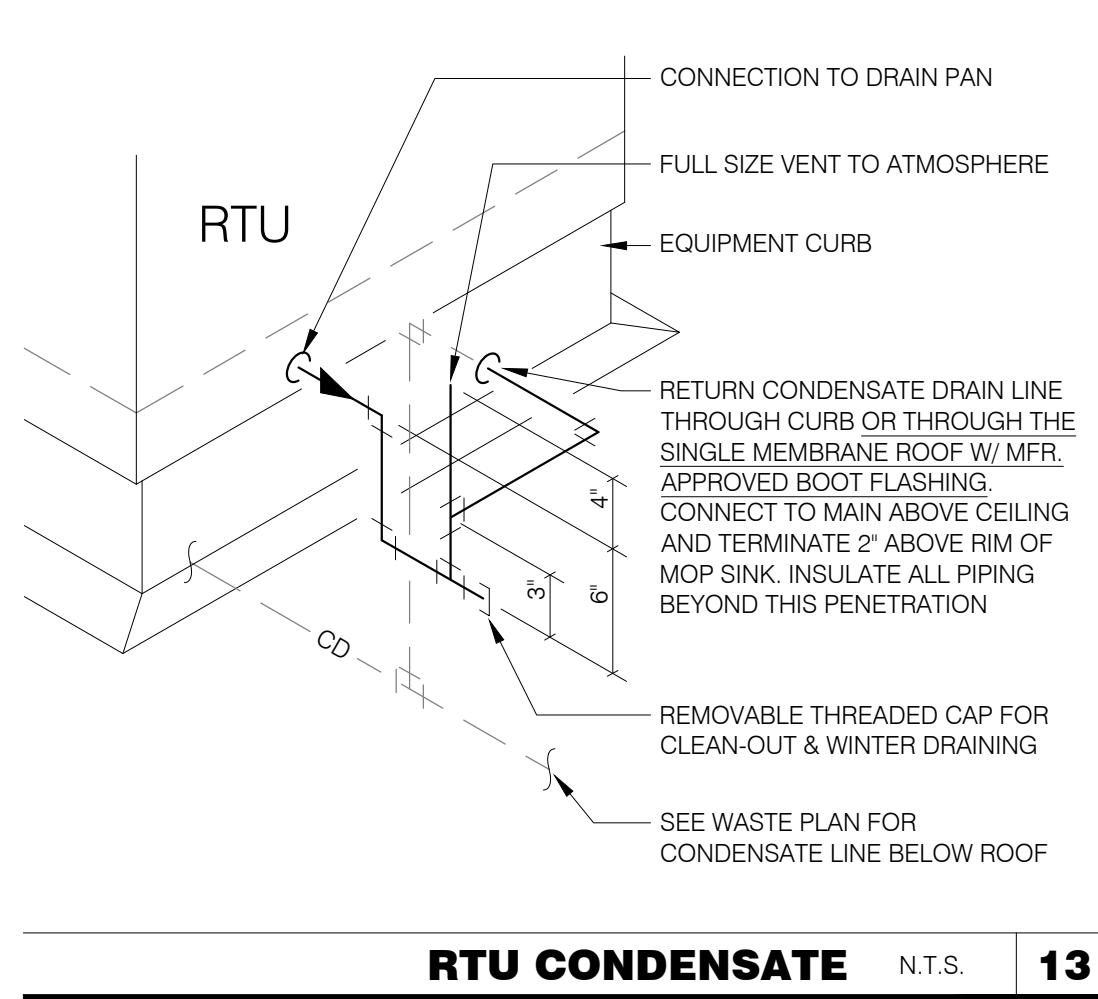
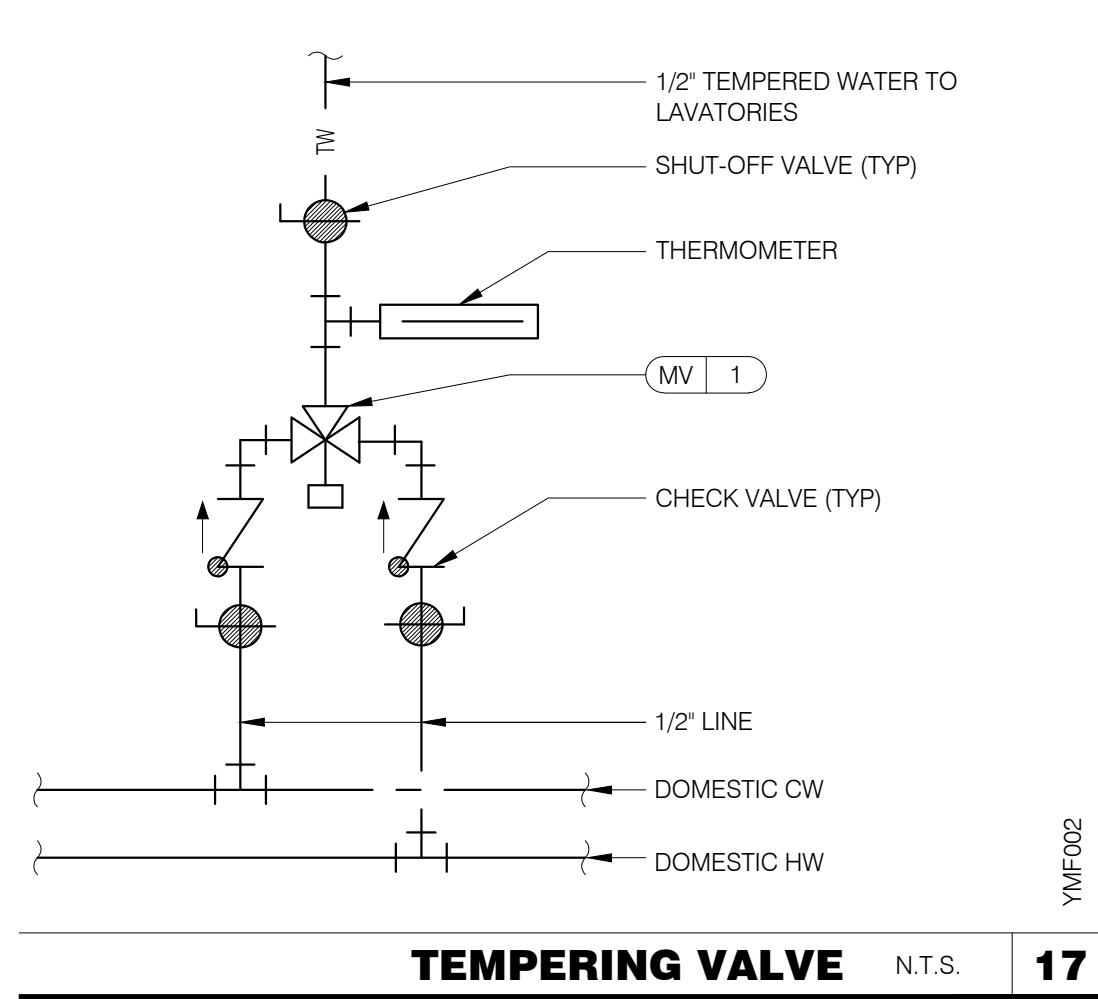


ENDEAVOR 2.0
LARGE 50

RISER DIAGRAMS

P5.0

PERMIT PLOT DATE:



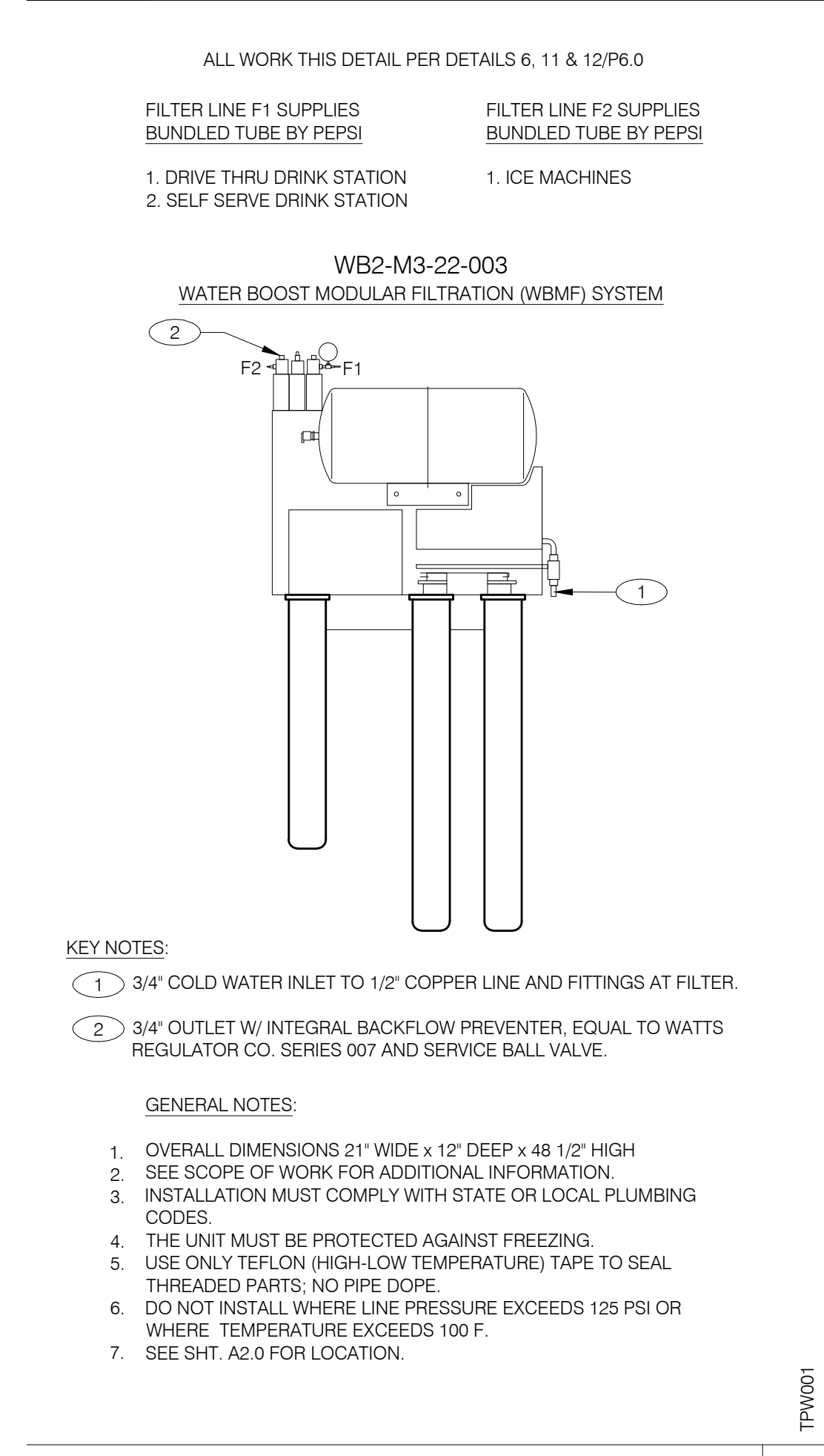
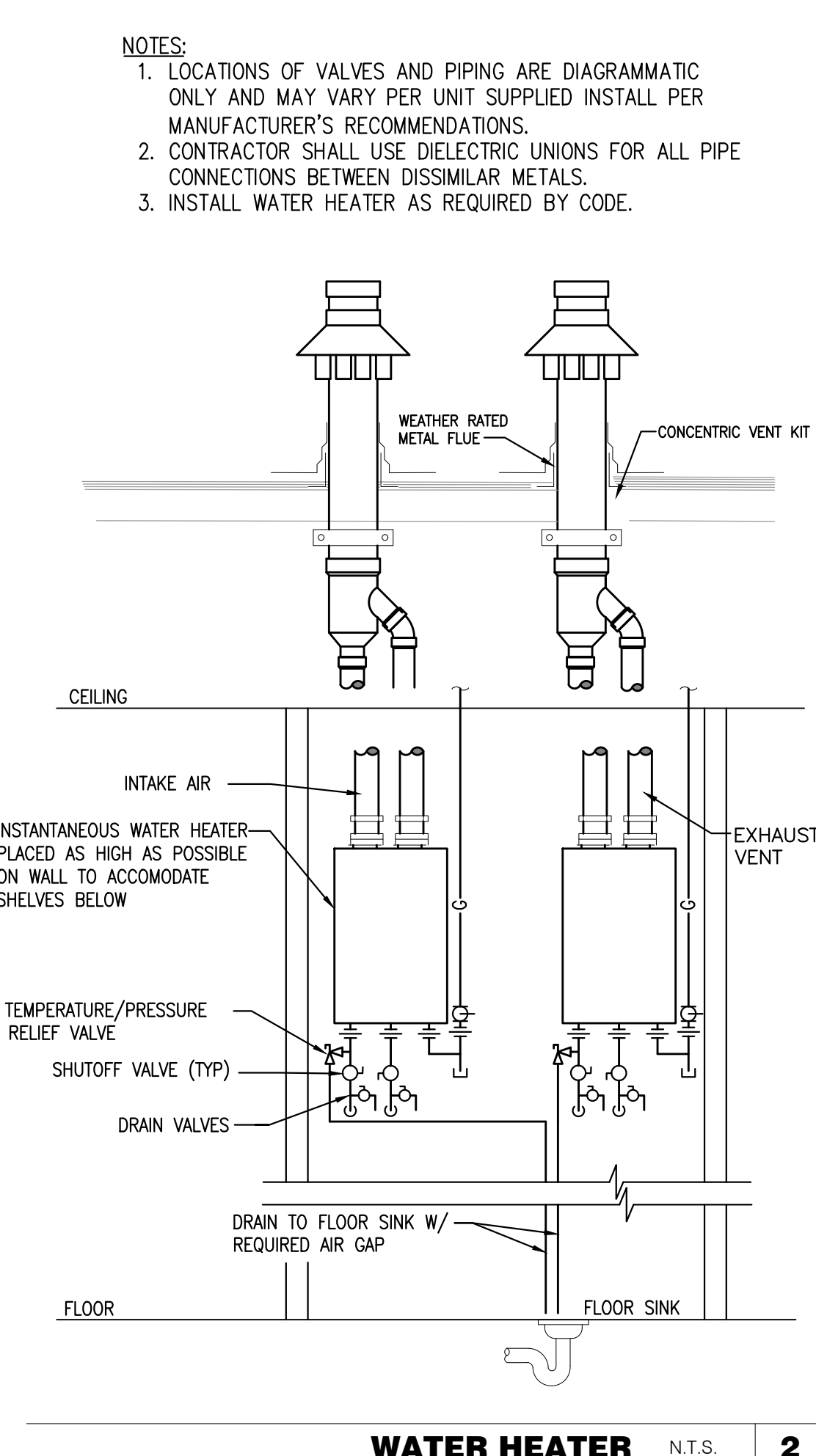
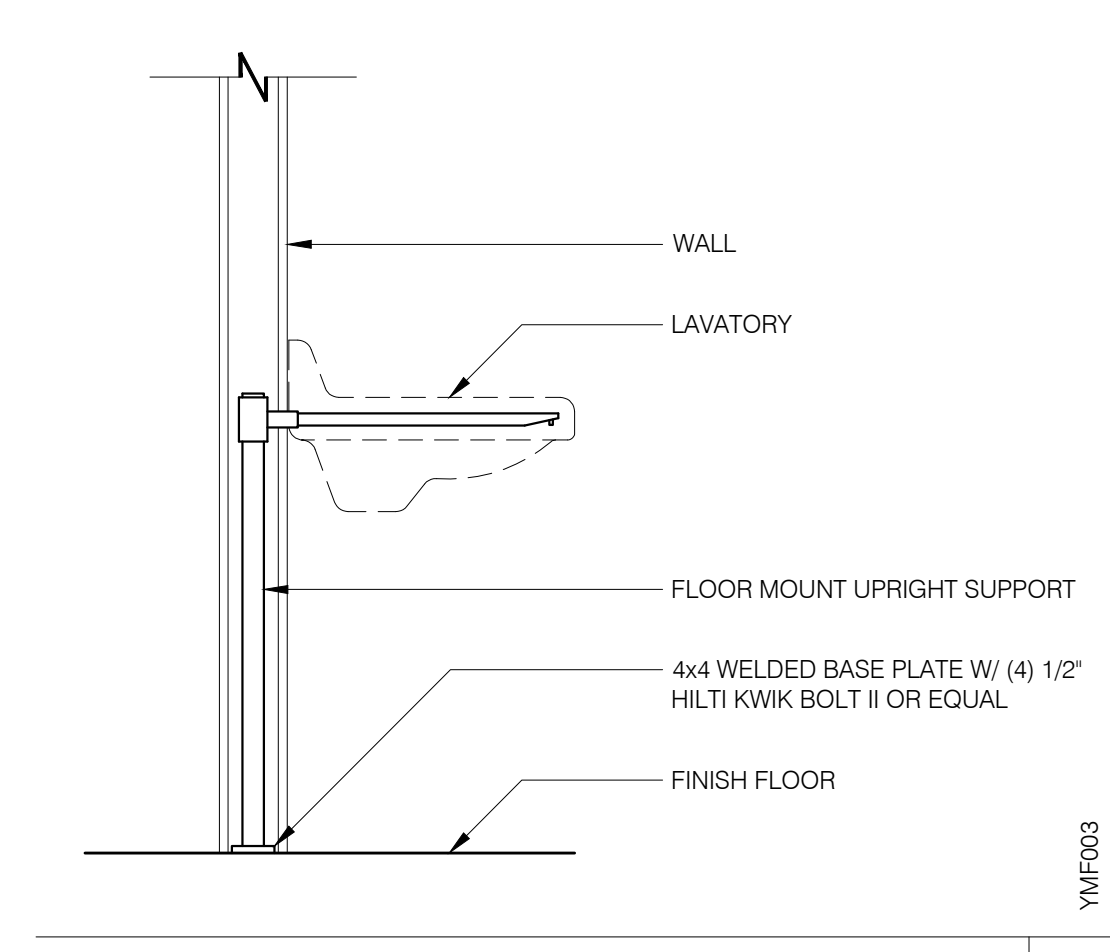
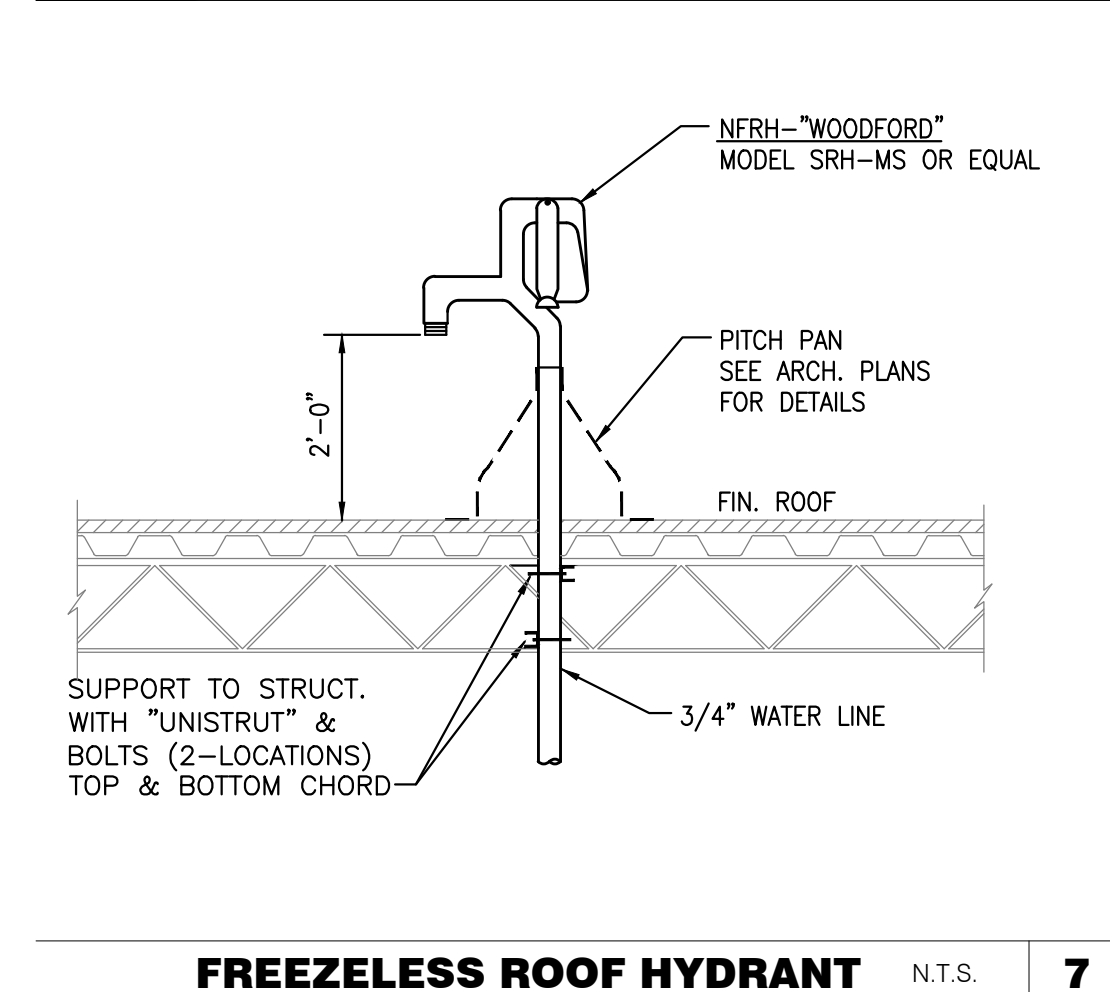
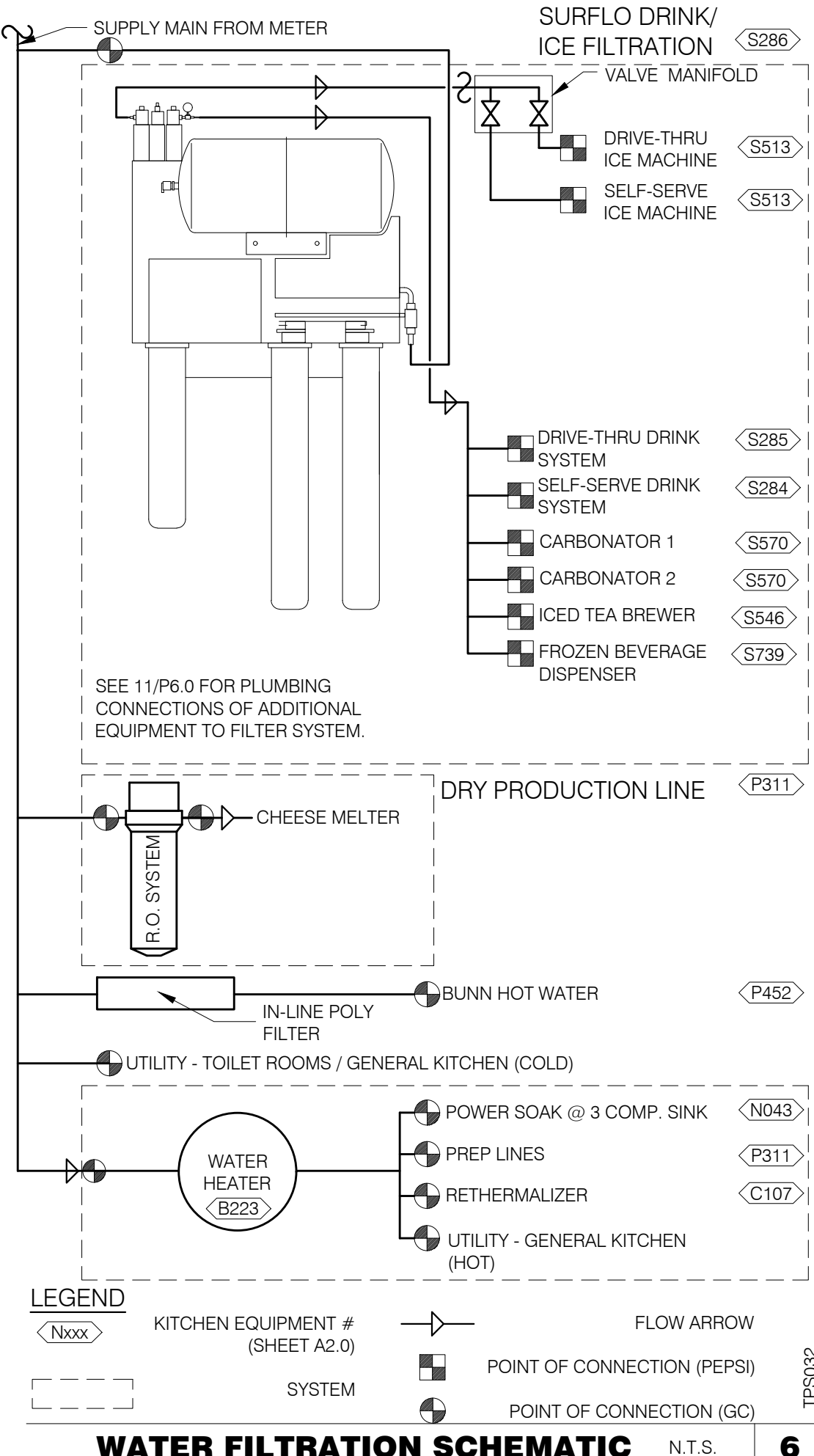
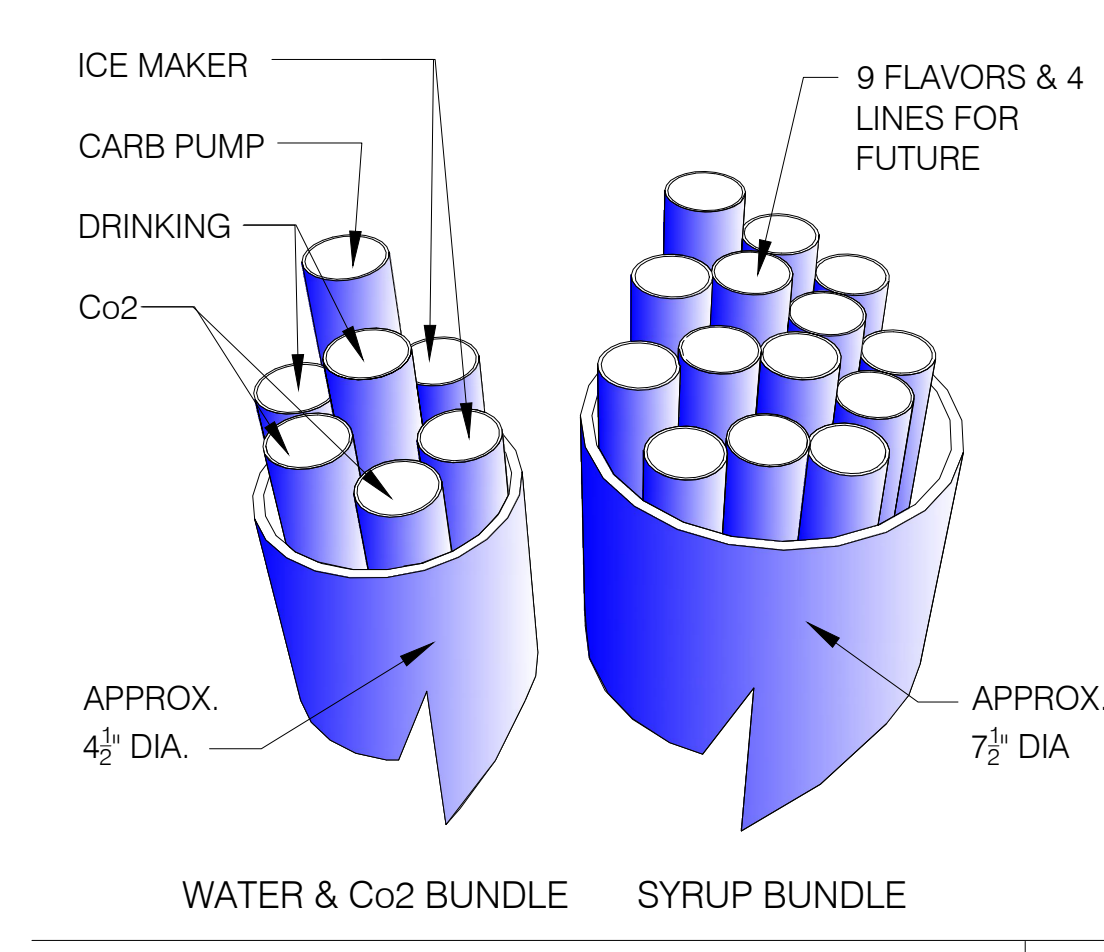
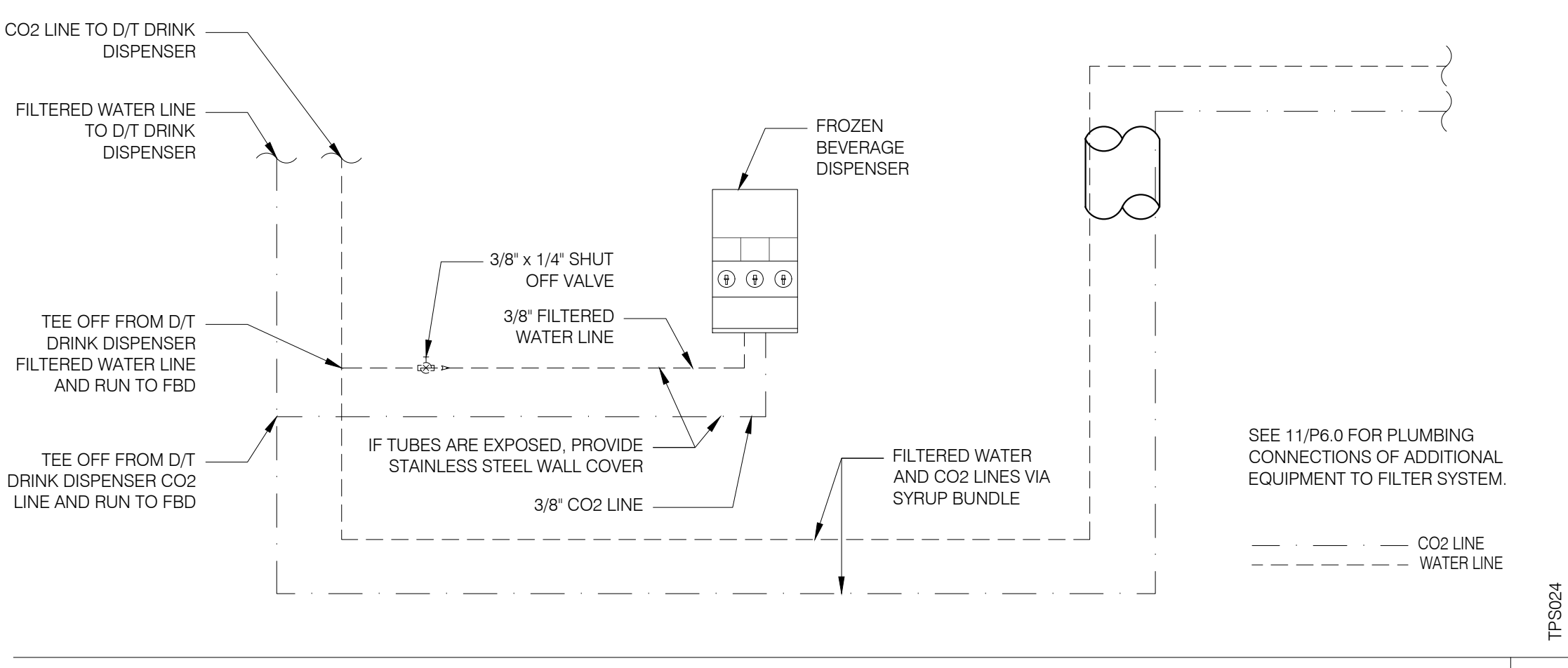
- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY THE CONTRACTOR.
 - INSTALLATION MUST COMPLY WITH ANY STATE OR LOCAL PLUMBING CODES.
 - THE FILTER MUST BE PROTECTED AGAINST FREEZING.
 - 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 THE EQUIPMENT PLAN FOR LOCATION. SEE DETAIL 12 THIS SHEET FOR BUNDLE DETAILS.
 - BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.
 - ** FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.

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

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

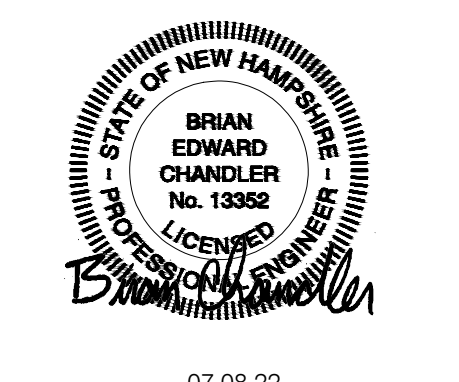
EQUIPMENT RATING:
 ED250 DISPENSER - 115V, 3.5 AMPS
 ED300 DISPENSER - 115V, 4.0 AMPS
 CARBONATOR - 115V, 60 Hz, 7.0 AMPS
 BOOSTER ASSEMBLY - 115V, 60 Hz, 6.5 AMPS

- KEY NOTES:**
- | | | | | | |
|-------------------------------|---|---|---|---|---|
| ① 3/8" Co2 LINE | ④ 3/8" FILTERED WATER LINE TO DINING & DRIVE THRU A. WATER LINE TO ICE MACHINE B. WATERLINE TO WATER DISPENSER VALVE C. WATERLINE TO CARBONATOR | ⑤ BUNDLED TUBING CEILING PENETRATION. SEE DETAIL 18/A6.4 | ⑦ PRE-SET Co2 REGULATOR | ⑩ 3/8" SHUT OFF VALVES BARB FITTINGS, TYP @ ALL Y's | ⑫ 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA, DRINK MACHINES & ICE MACHINES |
| ② 14 - 3/8" SYRUP LINE BUNDLE | ⑥ STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE | ⑧ SURFACE MOUNTED S.S. CHASE, ONE FOR EACH BUNDLE. SEE DTL. 15/A6.4 | ⑨ 3/8" SHUT OFF VALVES BARB FITTINGS, TYP @ ALL Y's | ⑪ 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA, DRINK MACHINES & ICE MACHINES | ⑬ ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0 |
| ③ 1/2 X 3/8 X 3/8 "Y" | | | | | |



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CONTRACT DATE: 04.01.22
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TACO BELL
 525 Hookset Road
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ENDEAVOR 2.0
 LARGE 50

PLUMBING DETAILS
P6.0

PERMIT PLOT DATE:

NATIONAL ACCOUNTS: SWITCHGEAR
SUPPLY and INSTALL STANDARD PACKAGE

CORPORATE AND FRANCHISE DEVELOPMENT

YUM NATIONAL ACCOUNT AGREEMENT IS WITH SQUARE-D FOR ELECTRICAL SWITCHGEAR EQUIPMENT FOR COMPANY AND FRANCHISE DEVELOPMENT. CUTLER-HAMMER ELECTRICAL SWITCHGEAR EQUIPMENT IS AN APPROVED ALTERNATE MANUFACTURER FOR FRANCHISE DEVELOPMENT ONLY.

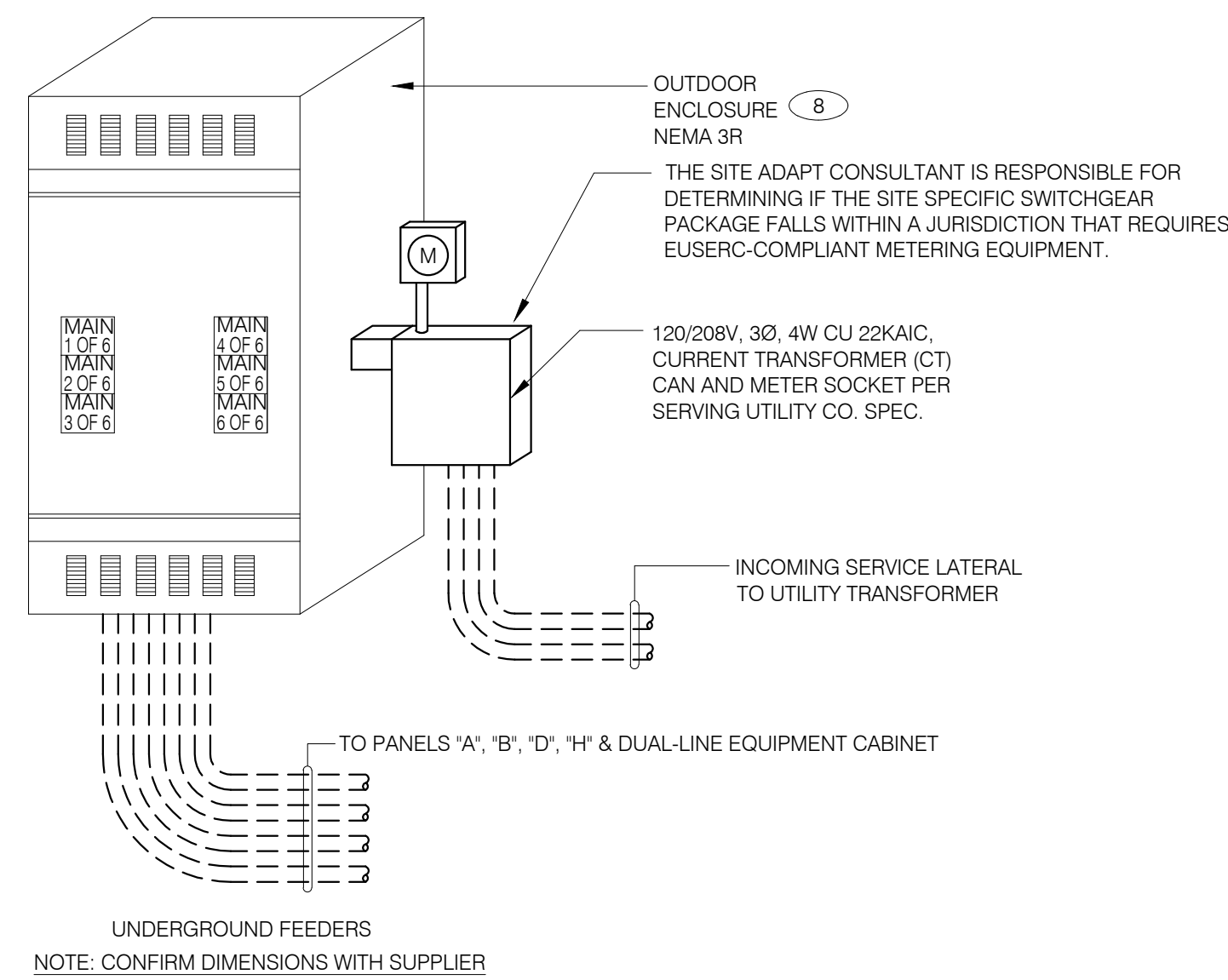
UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL COMPANY AND FRANCHISE PROJECTS SHALL CONTACT ACCUSERVE FOR A PRICE QUOTE AND A BILL OF MATERIAL CONFIRMATION FOR THEIR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE OF WORK FOR ADDITIONAL INFORMATION.

PRIMARY CONTACT: BUDDY BOCKWEG
PHONE: (877) 707-7378
FAX: (502) 961-0357
EMAIL: buddy@accuserv.com

THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLIMENT THE SWITCHGEAR PACKAGE.

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 PROTOTYPICAL DESIGN.

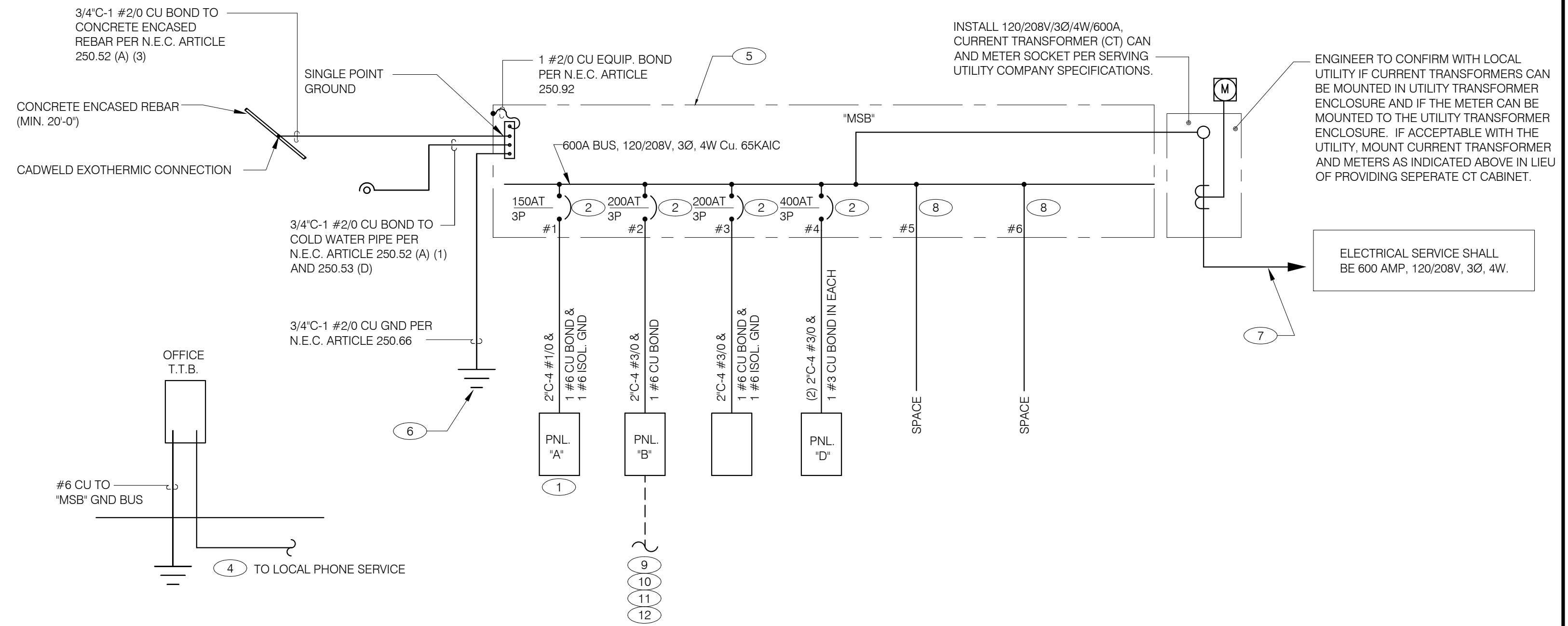
NOTE: THE SITE-ADAPT CONSULTANT IS RESPONSIBLE FOR DETERMINING IF THE SITE-SPECIFIC SWITCHGEAR PACKAGE FALLS WITHIN A JURISDICTION THAT REQUIRES EUSERC-COMPLIANT METERING EQUIPMENT.



SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERC PACKAGE E

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

ELECTRICAL LEGEND F



SINGLE LINE DIAGRAM B

1. 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."
2. 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.
3. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
4. 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.
5. 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.
6. ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
7. ARMOR CABLE ACCEPTABLE FOR ALL APPLICATIONS EXCEPT WHERE NOT ALLOWED BY CODE. ALL CONDUIT SHALL BE CONCEALED U.N.O.

GENERAL NOTES D

- 1 WIRE ISOLATED GROUND TO ISOLATED GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND".
- 2 6 BUILDING MAIN DISCONNECT FOR THIS SERVICE: (MAXIMUM 6 MAINS PER N.E.C.) LABEL EACH MAIN BREAKER AS INDICATED: (ENGRAVED LETTERS x 3/4" HIGH)
"MAIN 1 OF 4"
"MAIN 2 OF 4"
"MAIN 3 OF 4"
"MAIN 4 OF 4"
- 3 EQUIPMENT CABINET IS FURNISHED WITH DUAL LINE.
- 4 PROVIDE TWO (2) 2" SEPARATE CONDUITS STUBBED INTO BUILDING FROM LATERAL POLE OR PEDESTAL FOR TELEPHONE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY.
- 5 VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY CO. TO CONFIRM 65 KAIC RATED EQUIPMENT IS SUFFICIENT.
- 6 (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.
- 7 INSTALL UNDERGROUND SERVICE LATERAL TO POLE MOUNTED UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350kcmil IN EACH OF (2) 3" C. TO PAD MOUNT TRANSFORMER. GC / ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500kcmil IN EACH OF (2) 3 1/2" C.
- 8 ADDITIONAL SPACES IN MAIN DISTRIBUTION BOARD SHALL BE PROVIDED WITH TAMPER-PROOF SCREWS TO PREVENT THE ADDITION OF ALTERNATE CIRCUIT BREAKERS.
- 9 CONTRACTOR SHALL PROVIDE 3/10, #10G, 3/4" C. FOR POLE LIGHTING POWER AND CONTROLS. USE CIRCUITS B-8 AND B-10. REFER TO CIVIL DRAWING FOR LOCATION OF POLE LIGHTS.
- 10 CONTRACTOR SHALL PROVIDE 2/10, #10G, 3/4" C. FOR POWER AND CONTROL OF DIRECTIONAL SIGNS. REFER TO CIVIL DRAWINGS FOR LOCATION OF DIRECTIONAL SIGNS.
- 11 CONTRACTOR SHALL CIRCUIT DIGITAL MENU BOARD PER MANUFACTURERS RECOMMENDATIONS. REFER TO CIVIL DRAWINGS AND 4/E7.0 FOR BRANCH CIRCUITS.
- 12 CONTRACTOR SHALL PROVIDE ORDER CONFIRMATION BOARD/SPEAKER PER MANUFACTURERS RECOMMENDATIONS. REFER TO 4/E7.0 FOR DETAILS.

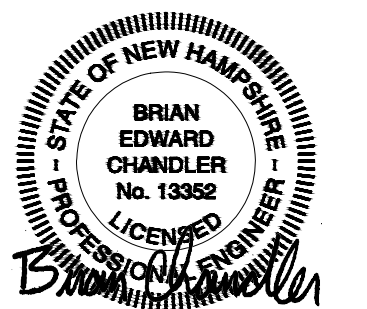
KEY NOTES C

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TACO BELL

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ENDEAVOR 2.0
LARGE 50

RISER
DIAGRAM
AND LEGEND
NON-EUSERC

E2.0

PERMIT PLOT DATE:

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PANELBOARD MSB							600 A MLO			LOCATION:			EXTERIOR							
208Y/120, 3-PHASE							600 MAIN BUS			MOUNT:			SURFACE							
WITH EQUIPMENT GROUND BUS							100% NEUTRAL BUS			TYPE:			NEMA 3R							
WITH EQUIPMENT GROUND BUS							100% NEUTRAL BUS			65 KAIC BUS AND BRACING										
L	R	M	K	O	C.B.	POLE	LOAD AREAS AND LOCATION			LOAD AREAS AND LOCATION			POLE	C.B.	O	K	M	R	L	
							A	B	C	A	B	C								
0	1920	0	7873	400	150/3	1	PANELBOARD A	17008						2	200/3	0	0	0	0	6815
0	6526	0	4569	0	-				19517						-	0	0	0	1080	7342
0	1240	0	8590	0	-				17730						500	0	0	0	0	7400
0	0	0	15888	200	200/3	3	EQUIPMENT CABINET	41883						4	400/3	14842	2419	5554	3180	0
0	0	0	15888	0	-				42731						14842	5469	2942	1440	900	
0	0	0	15888	0	-				41604						15562	3120	6254	780	0	
						5	SPACE							6						

CONNECTED KVA 3Ø	DEMAND	AMPS		
LIGHTING	22.5	100%	62.5	
RECEPTACLE	16.4	13.1	81%	36.3
MOTOR	46.2	46.2	100%	128.3
KITCHEN	77.4	50.3	65%	139.7
OTHER	22.4	22.4	100%	62.2
SPARE	0.0	0.0	N/A	0.0
TOTAL	185.0	154.5		429.1

PER NEC 220.42	57.5	TOTAL KVA (OA) =	479.1	AMPS
PER NEC 220.44	60.9	TOTAL KVA (OB) =	517.0	AMPS
	59.2	TOTAL KVA (OC) =	493.3	AMPS
PER NEC 220.51 - 220.60	493.3	TOTAL CONNECTED 3Ø AMPS		
	26.3	NEUTRAL AMPS		
	7%	IMBALANCE		
	429.1	MINIMUM FEEDER AMPS		

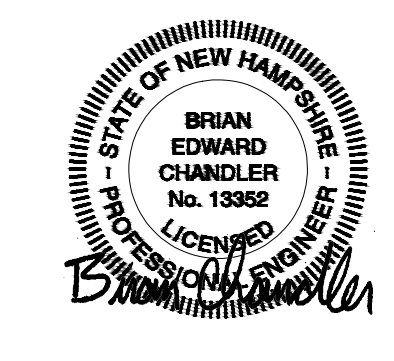
CONNECTED 3Ø LOAD CALCULATIONS

REMARKS:

BRANCH CIRCUIT WIRING SCHEDULE							
TO BE USED FOR BRANCH CIRCUIT WIRING UNLESS NOTED OTHERWISE							
OC RATING	POLES	CONDUCTOR AND CONDUIT SIZE					CONDUIT
		HOT		NEUTRAL		GROUND	
		NO.	AWG	NO.	AWG		
15A	1	1	12	1	12	12	3/4"
	2	2	12	-	-	12	3/4"
	3	3	12	-	-	12	3/4"
20A	1	1	12	1	12	12	3/4"
	2	2	12	-	-	12	3/4"
	3	3	12	-	-	12	3/4"
25A	1	1	10	1	10	10	3/4"
	2	2	10	-	-	10	3/4"
	3	3	10	-	-	10	3/4"
30A	1	1	10	1	8	10	3/4"
	2	2	10	-	-	10	3/4"
	3	3	10	-	-	10	3/4"
35A	1	1	8	1	8	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
40A	1	1	8	1	8	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
45A	1	1	8	1	8	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
50A	1	1	8	1	6	10	3/4"
	2	2	8	-	-	10	3/4"
	3	3	8	-	-	10	3/4"
60A	1	1	6	1	6	10	1"
	2	2	6	-	-	10	1"
	3	3	6	-	-	10	1"

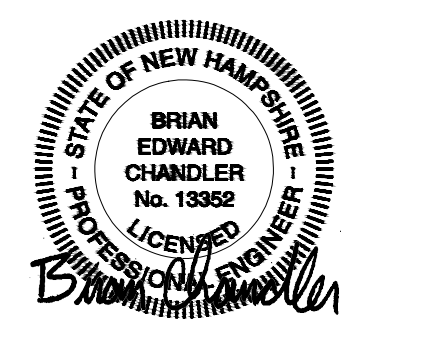
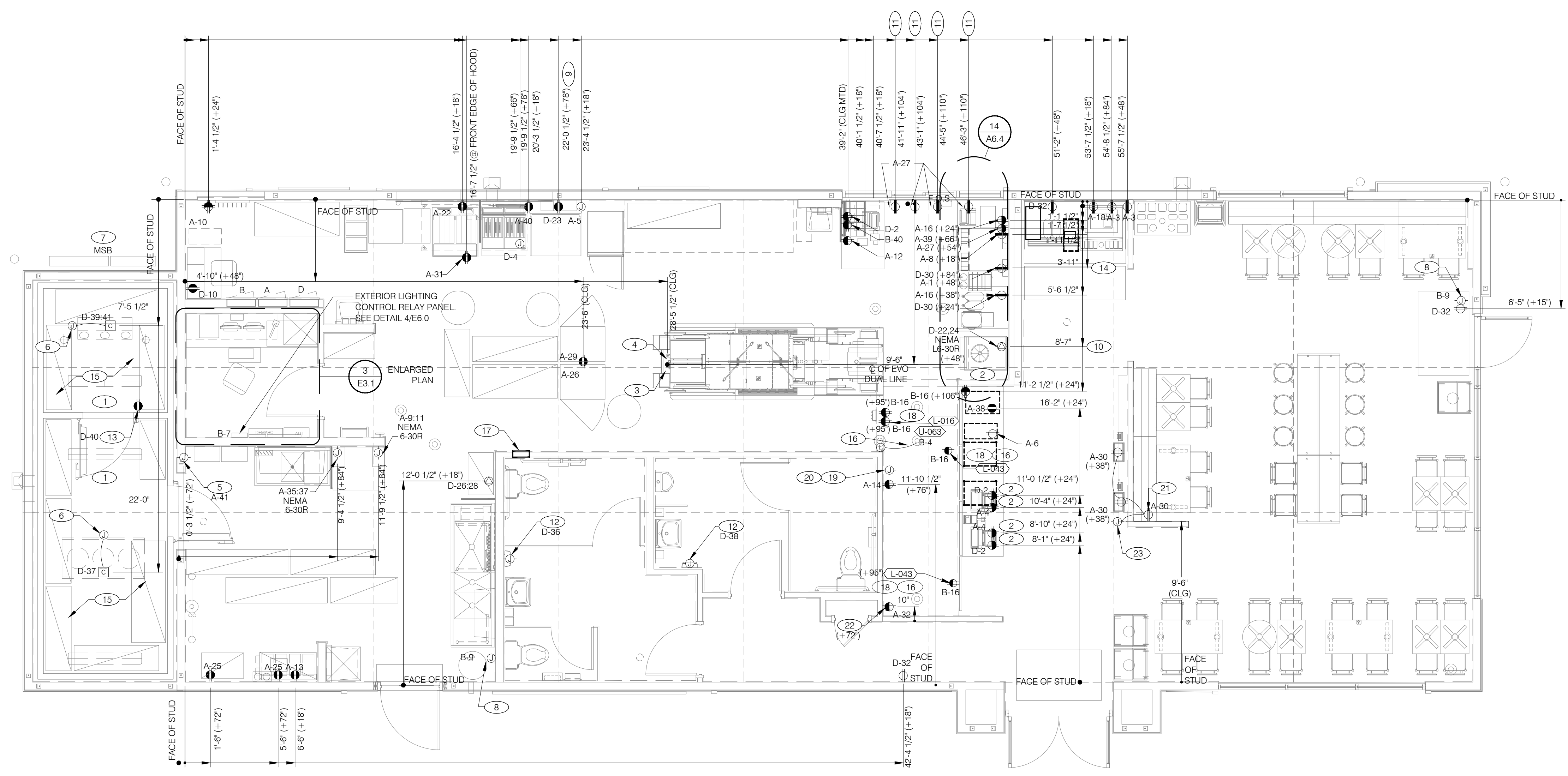
ENGINEER:
BRIAN EDWARD CHANDLER, PE
 1431 GREENWAY DRIVE
 SUITE 510
 IRVING, TX 75038
 PHONE: 972.870.1288
 E-MAIL: bchandler@idstudio4.com

- NOTES:
 1. THE ABOVE SCHEDULE IS BASED ON COPPER, 75 DEGREE CONDUCTORS

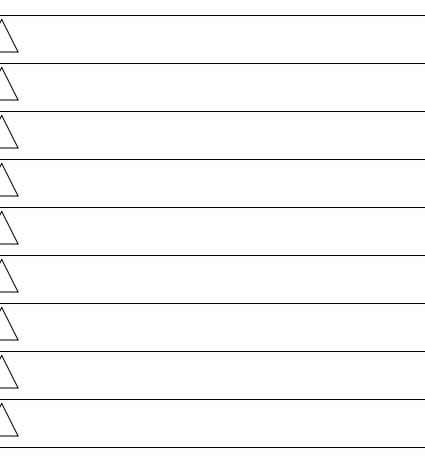


07.08.22

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																									
EQUIPMENT IDENTIFICATION					EQUIPMENT ELECTRICAL CHARACTERISTICS						EQUIPMENT CIRCUIT						EQUIPMENT DISCONNECT								
TAG	TYPE	EQUIPMENT NAME	PHASE	WIRING / GROUND	VOLTAGE	MAX HP	FLA / RLA	KW	MCA	OCP		BRANCH CIRCUIT SIZE	WIRING TYPE	CONDUIT TYPE	TERMINALS	NEUTRAL	LOCATION	SCHEDULED BY	INSTALLED BY	NOTES					
										TIME-DILAY FUSE	INVERSE-TIME BREAKER										TYPE	SIZE	NEUTRAL	EQUIPMENT	REMOVAL
S-630	KM	BEVERAGE DISPENSER DIT	1	3	120		3.7	0.42	4.6	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-633	KM	BEVERAGE DISPENSER SIS	1	3	120		4.2	0.48	5.3	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-604	KR	HEATED CABINET	1	3	120		15.0	1.92	20.0	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-340	O	ORDER CONFIRMATION BOARD/ SWITCHBOX	1	3	120		1.1	0.13	1.4	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-540	KM	PEPSI BOOSTER TANK/ CO2 MONITOR	1	3	120		4.7	0.54	5.9	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-605	KR	HEATED CABINET	1	3	120		16.0	1.92	20.0	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-646	O	ICE TEA EQUIPMENT	1	3	120		14.8	1.78	18.5	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-570	O	CARBONATOR	1	3	120		7.2	0.86	9.0	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-284	O	DIT TIMING SYSTEM	1	3	120		7.2	0.86	9.0	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
S-613-1	KM	ICE MAKER SIS & DIT (2)	1	3	120		2.3	0.26	2.9	15	15	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	15	5-15	●	ES	ES	2			
S-513-2	KM	ICE MAKER CONDENSER	1	3	208		13.2	2.61	16.5	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	F	20	6-20	●	ES	ES	5,8			
S-543	KM	FROZEN BEVERAGE DISPENSER	1	3	208		24.0	5.00	30.0	30	30	1	#10 W#10 G IN 3/4" C.	CU	ST	C&P	30	6-30	●	ES	ES	2			
S-740	KM	FROZEN BEVERAGE DISPENSER CONDENSER	1	3	208		12.0	2.60	15.0	15	15	1	#12 W#12 G IN 3/4" C.	CU	ST	F	15	-	●	ES	ES	5,8			
P-450	KR	HOT WATER DISPENSER	1	3	208		19.4	4.02	24.2	30	30	1	#10 W#10 G IN 3/4" C.	CU	ST	C&P	30	6-30	●	ES	ES	2			
U-022	O	CCTV DVR & MONITOR	1	3	120		5.0	0.60	6.3	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
U-024	O	DIT COMM SYS BASE STATION	1	3	120		4.0	0.48	5.0	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
U-248	O	MONITORS	1	3	120		5.0	0.60	6.3	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
U-048	O	OFFICE SECURITY SYSTEM	1	3	120		2.5	0.30	3.1	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
F-040	O	OFFICE COMPUTER	1	3	120		2.5	0.30	3.1	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
F-174	O	SAFE W/ TOUCH SCREEN CONTROLS	1	3	120		3.0	0.36	3.8	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
R-030	KM	HALF-HEIGHT FREEZER	1	3	120		5.3	0.60	6.6	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
C-105	O	RETHERMALIZER	1	3	120		3.0	0.36	3.8	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
U-238	O	KITCHEN MONITOR -IG	1	3	120		1.5	0.18	1.9	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
C-015	KR	FRYER	1	3	120		6.1	0.73	7.6	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
W-075-1	KM	WALK-IN COOLER	3	4	208		14.2	4.86	17.8	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	-	20	15-20	●	ES	ES	8			
W-075-2	KM	WALK-IN FREEZER	3	4	208		11.6	3.96	14.5	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	-	20	15-20	●	ES	ES	8			
F-131	O	MUSIC SYSTEM (MUZAK)	1	3	120		4.2	0.50	5.3	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
N-040	O	POWER SOAK	1	3	208		11.3	2.34	14.1	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	6-20	●	ES	ES	2			
E-272	O	HOOD FIRE SUPPRESSION SYSTEM	1	3	120		6.0	0.72	7.5	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	-	20	5-20	●	ES	ES	8			
U-052	O	SECURITY SYSTEM	1	3	120		3.0	0.36	3.8	15	15	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	15	5-15	●	ES	ES	2			
U-054	O	CCTV AND MONITOR	1	3	120		3.0	0.36	3.8	15	15	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	15	5-15	●	ES	ES	2			
L-016	O	INTERIOR ROTATING MENU BOARD & REMOTE ALARM LT	1	3	120		9.0	1.08	11.3	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
C-107	O	RETHERMALIZER	1	3	120		3.0	0.36	3.8	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
C-046	KR	DUAL VAT FRYER	1	3	120		6.8	0.82	8.5	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
N-043	O	POWER SOAK	1	3	208		11.3	2.34	14.1	15	15	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	15	6-15	●	ES	ES	2			
E-107-1	O	HOOD FIRE SUPPRESSION SYSTEM	1	3	120		6.3	0.76	7.9	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	-	20	5-20	●	ES	ES	8			
B-223	O	WATER HEATER IGNITION	1	3	120		1.5	0.18	1.9	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
R-009	KM	FULL HEIGHT FREEZER	1	3	120		9.5	1.08	11.9	20	20	1	#12 W#12 G IN 3/4" C.	CU	ST	C&P	20	5-20	●	ES	ES	2			
P-452	KR	HOT WATER DISPENSER	1	3	208		19.4	4.03	24.2	30	30	1	#10 W#10 G IN 3/4" C.	CU	ST	C&P	30	6-30	●	ES	ES	2			
S-284	KM	BEVERAGE DISPENSER (SELF-SERVICE)	1	3	120		9.3	1.06	11.6	20	20	1	#12 W#12 G IN 3/4" C.	CU											



07.08.22



CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

- 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 MANUFACTURERS 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 MANUFACTURERS 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)(3) NEC 2002, ALL 15 AND 20A, 120V 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. EMT SHALL BE USED FOR ALL WIREWAYS (CONDUITS). ARMOR CABLE IS ALLOWED ONLY WHERE WIRE WAYS ARE EASILY ACCESSIBLE. FOR EXAMPLE: EMT INSIDE WALLS AND ABOVE HARD GYPSUM BOARD CEILINGS AND ARMOR CABLE ABOVE SUSPENDED CEILING SYSTEMS.
- Q. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINETRY REAR WALL.
- 3 CONNECT 'DRY PRODUCTION EVO 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 DRY PRODUCT 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 JUNCTION BOX FOR WATER HEATER. COORDINATE WITH MECHANICAL CONTRACTOR.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR. PROVIDE POWER FOR FREEZER/COOLER EVAPORATOR AS SHOWN.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8 NOT USED
- 9 ANSUL J-BOX - LOCATE ABOVE CEILING.
- 10 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 11 ABOVE CEILING FOR WALL MO
- 12 PROVIDE JUNCTION BOX FOR HAND DRYERS. PROVIDE ALL REQUIRED DISCONNECTING MEANS PER THE NEC AND THE LOCAL AUTHORITY HAVING JURISDICTION. FIELD COORDINATE MOUNTING HEIGHT WITH OWNER.
- 13 PROVIDE A GFCI WEATHERPROOF RECEPTACLE WITH AN IN USE MOISTURE PROOF COVER FOR FREEZER HEAT TAPE. COORDINATE LOCATION OF RECEPTACLE WITH OWNER AND FREEZER MANUFACTURER.
- 14 ICE MACHINES SHALL BE PROVIDED WITH TWO (2) 20 AMP CORDS. COORDINATE CORD TYPE AND LENGTH WITH ICE MACHINE MANUFACTURER.
- 15 PROVIDE GFCI CIRCUIT BREAKER FOR WALK-IN COOLER/FREEZER HEAT TRACE. COORDINATE ROUTING AND TERMINATION WITH COOLER/FREEZER MANUFACTURER.
- 16 PROVIDE J-BOX FOR POWER SOAK INDICATOR LIGHT. (OPTIONAL)
- 17 5-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. REFER TO DETAIL 1/E7.0.
- 18 EC / GC TO INSTALL A TOTAL OF (4) IGS262 DUPLEX 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 (9) 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 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 PLATE TO MATCH BOX.
- 22 RECEPTACLE FOR SECURITY MONITOR. PROVIDE DATA OUTLET AT SAME HEIGHT, REFER TO E5.0.
- 23 CONTRACTOR SHALL PROVIDE CEILING MOUNTED JUNCTION BOX SUSPENDED PER NEC FOR HALF WALL POWER. CONTRACTOR SHALL PROVIDE A WIREWAY FOR ELECTRICAL CIRCUITS WITH ALL REQUIRED APPURTENANCES FOR A COMPLETE OPERATIONAL SYSTEM.

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



E3.0

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

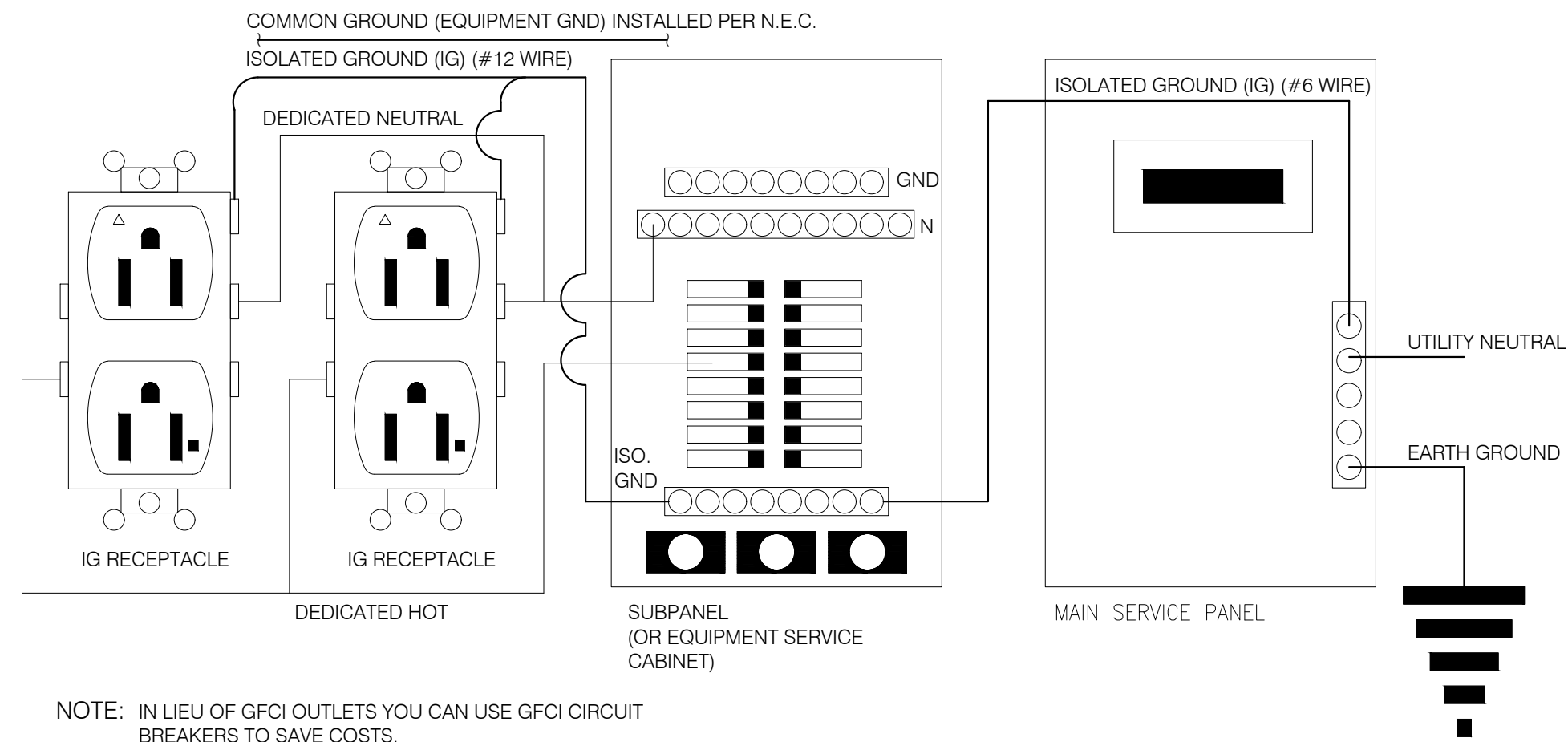
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

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

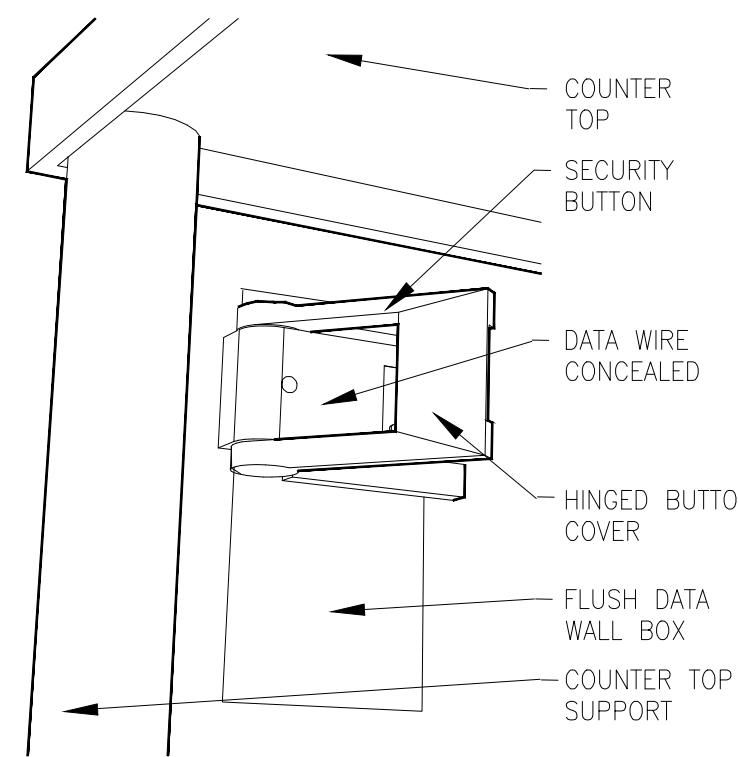
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

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

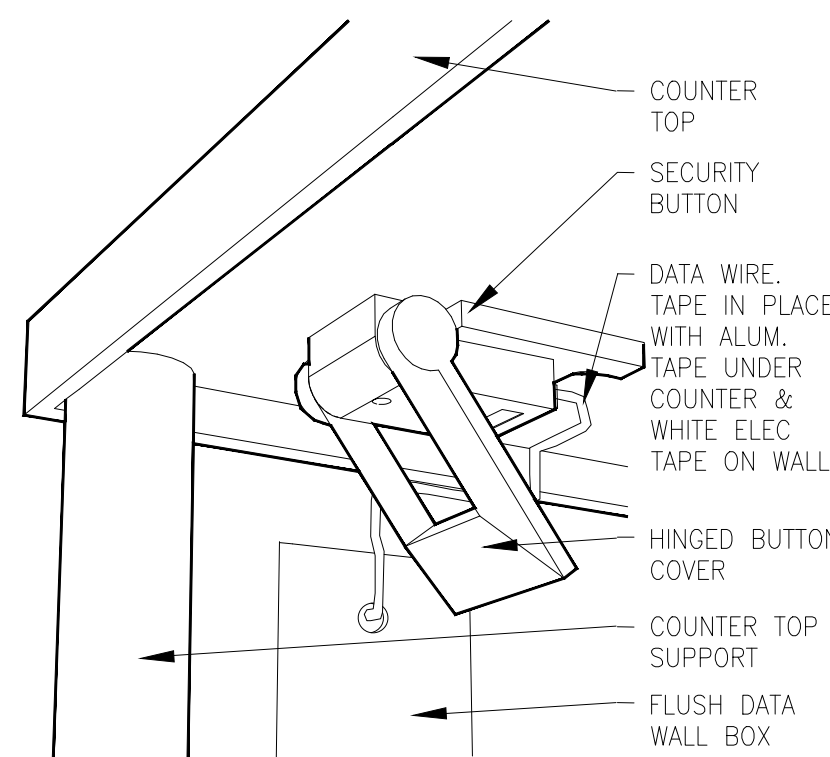


NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS.

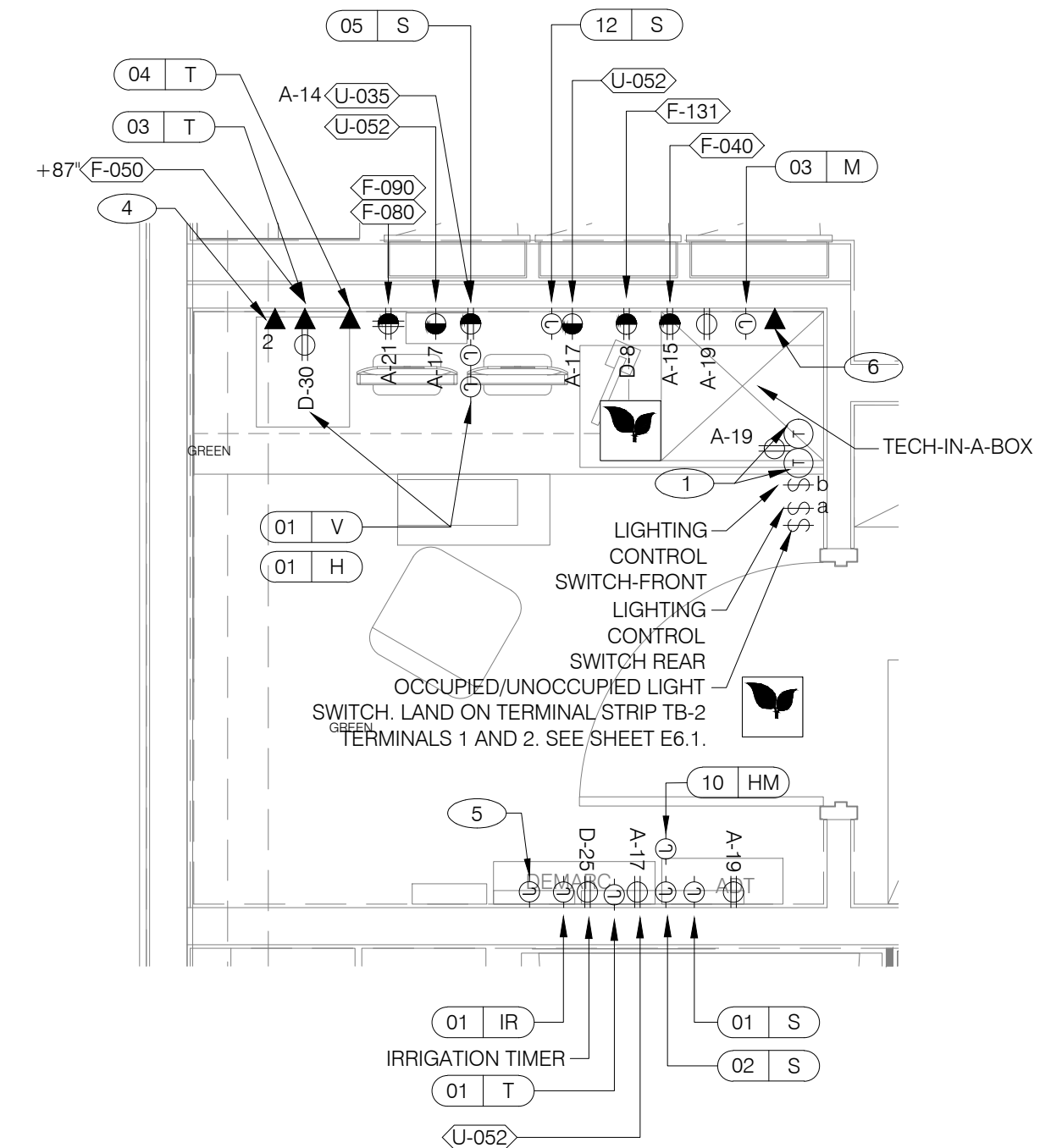
P.O.S. ISOLATED GROUND SYSTEM N.T.S. 14



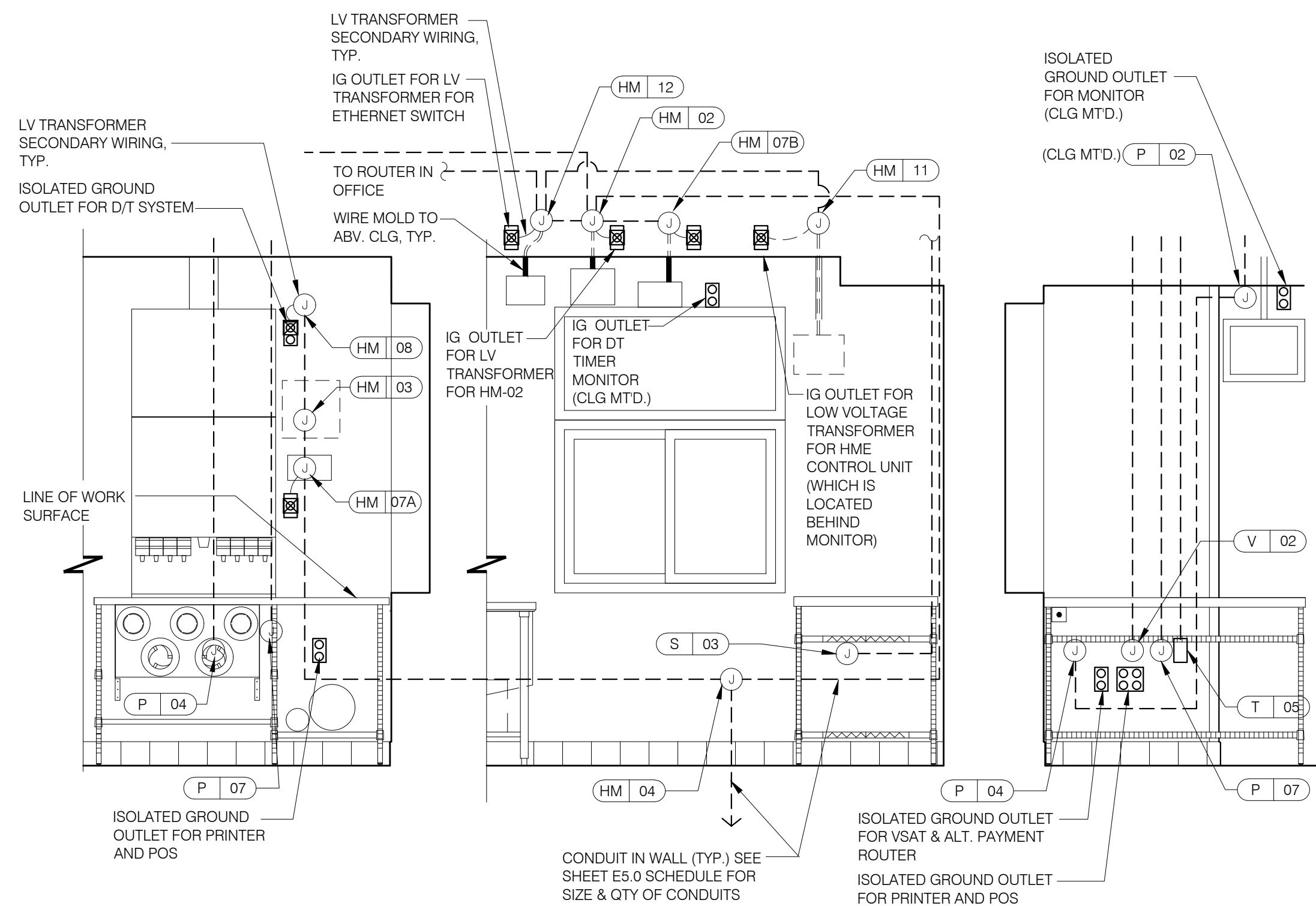
SECURITY BUTTON ON WALL N.T.S. 5



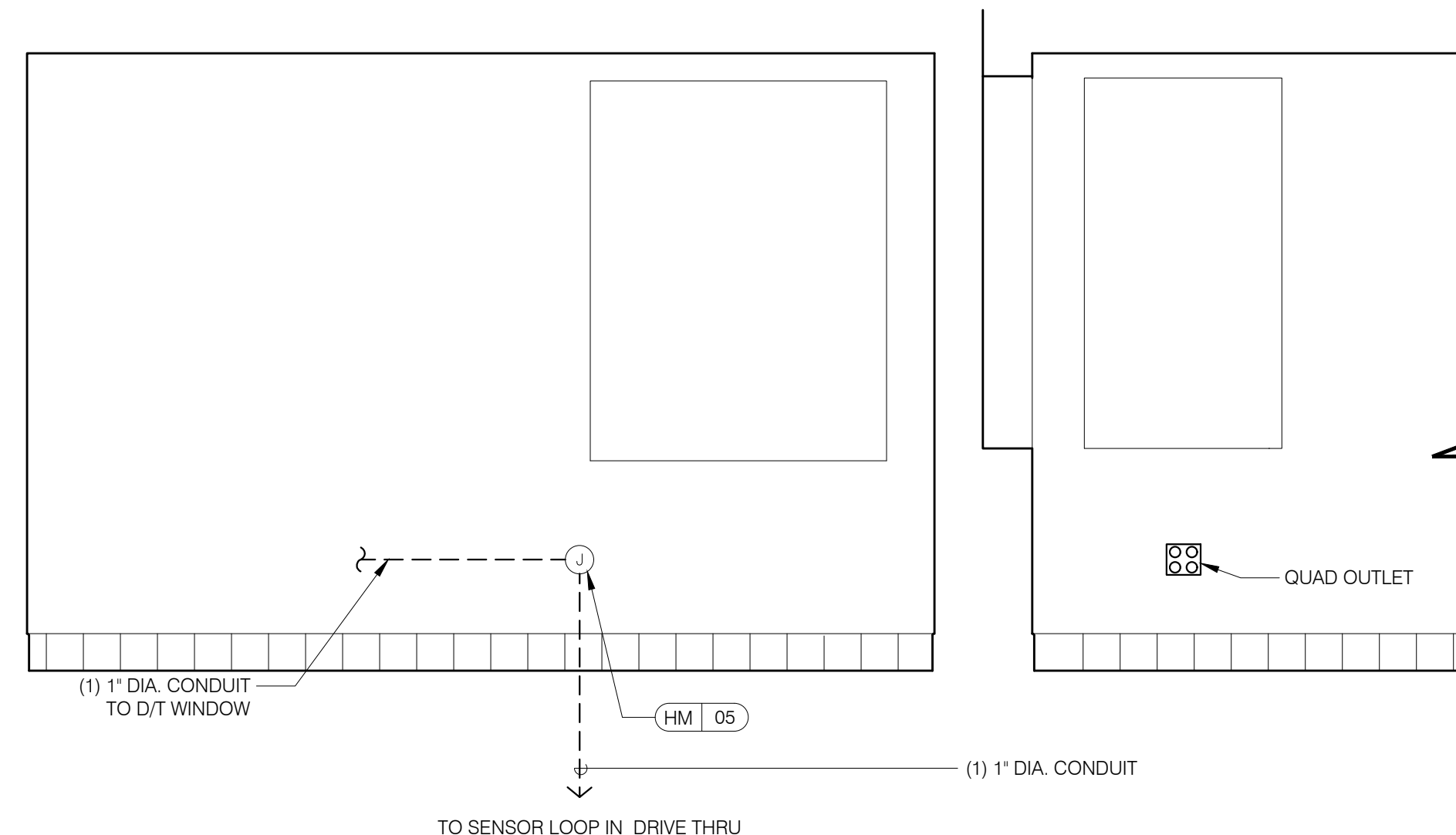
SECURITY BUTTON UNDER COUNTER N.T.S. 6



ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" 3



ENLARGED INTERIOR ELEVATION (D/T WINDOW) 1/2" = 1'-0" 16



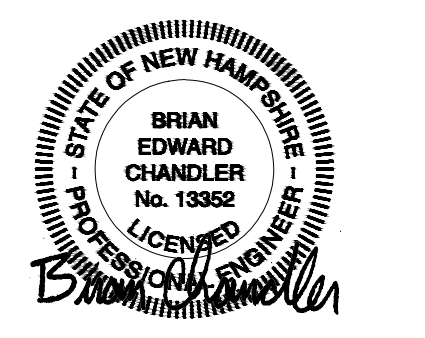
ENLARGED INTERIOR ELEVATION (PRE-PAY) WINDOW 1/2" = 1'-0" 8

- 1 THERMOSTAT CONTROLS
- 2 NOT USED.
- 3 NOT USED.
- 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.

KEY NOTES N.T.S. A

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07.08.22

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

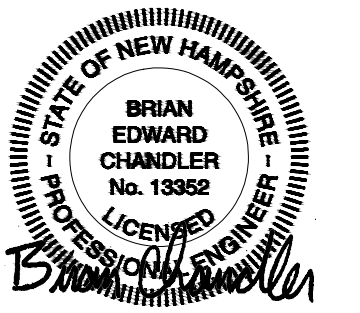
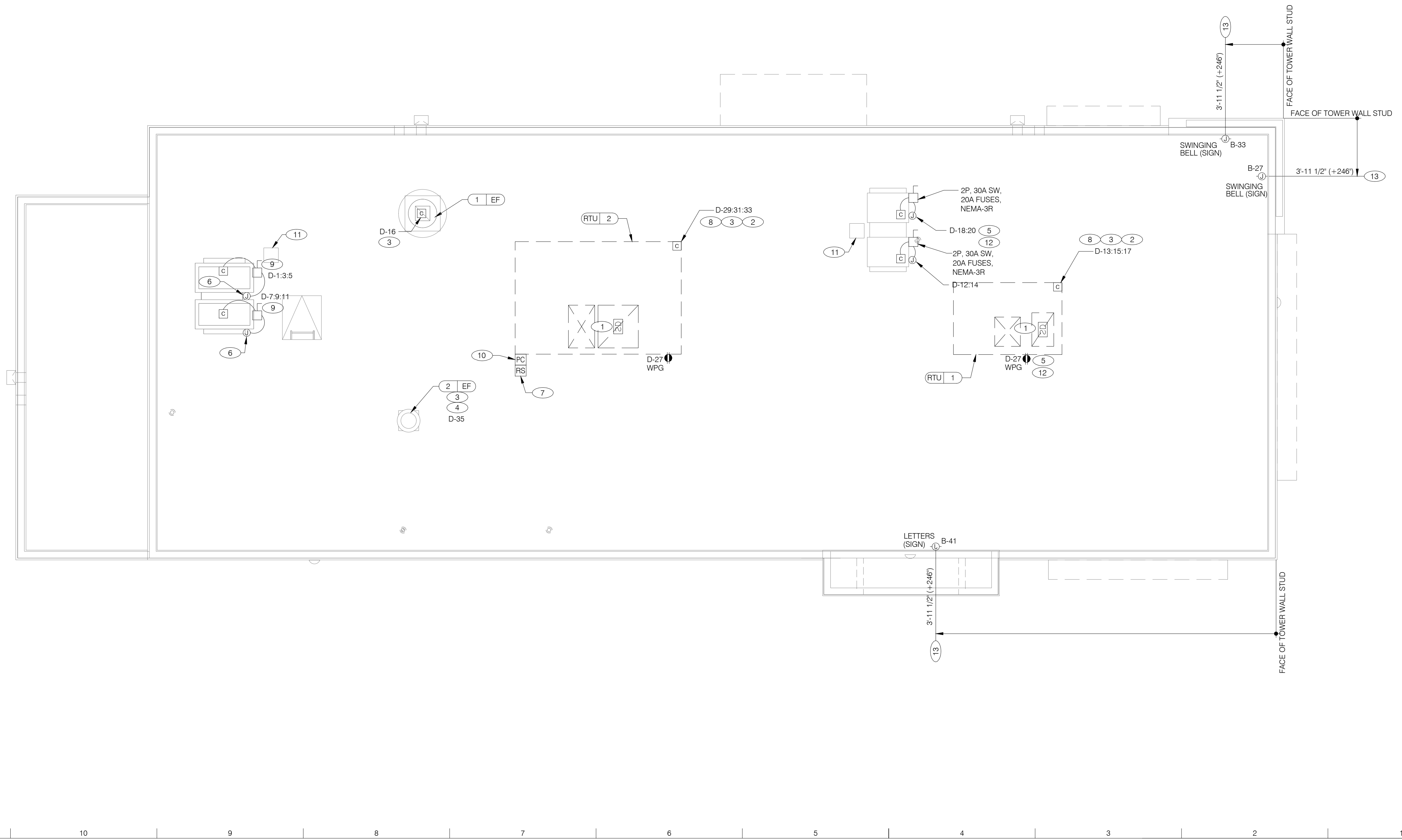
TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104



ENLARGED POWER PLAN AND DETAILS

E3.1

PERMIT PLOT DATE:



07.08.22

A	
B	
C	
D	
E	
F	

CONTRACT DATE:	04.01.22
BUILDING TYPE:	ENDEAVOR 50
PLAN VERSION:	
SITE NUMBER:	TBD
STORE NUMBER:	TBD

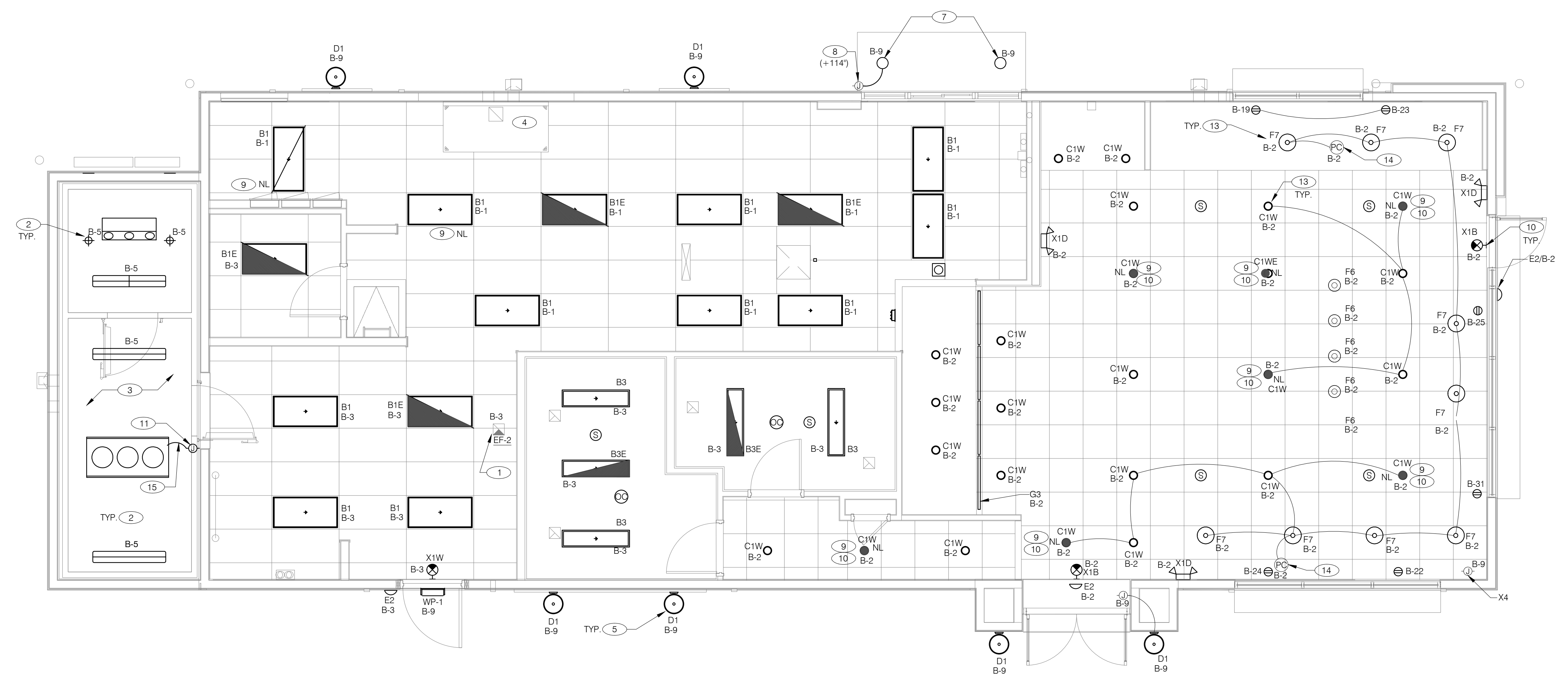
12 11 10 9 8 7 6 5 4 3 2 1
POWER ROOF PLAN 1/4"=1'-0" A

- | | | |
|--|---|--|
| <p>A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.</p> <p>B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.</p> <p>C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.</p> <p>D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.</p> <p>E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.</p> <p>F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.</p> <p>G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.</p> <p>H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.</p> <p>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.</p> <p>J. ALL OUTLETS AND J-BOXES BEHIND SIGNAGE SHALL BE RECESSED AND FLUSH WITH BUILDING FINISH SURFACE.</p> <p>K. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE.</p> | <p>① PROVIDE CONNECTION FROM RETURN AIR DUCT SMOKE DETECTORS TO MECH CONTROL CIRCUIT PER DETAIL 2/E6.0, AND FIRE ALARM SYSTEM (IF PRESENT).</p> <p>② SPECIFIED TRANE RTU IS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.</p> <p>③ POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.</p> <p>④ CONNECT TO EF-1 RELAY. SEE LIGHTING PLAN FOR EXACT LOCATION.</p> <p>⑤ 1/2" C. WITH RECD CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.</p> <p>⑥ REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.</p> <p>⑦ MOUNT PHOTOCCELL ON NORTH SIDE OF RTU-2. CONNECT TO EXTERIOR LIGHTING CONTROL PANEL.</p> <p>⑧ RTUS SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND CONVENIENCE OUTLET.</p> <p>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.</p> <p>⑩ RAIN SENSOR.</p> <p>⑪ PIPE HOOD. SEE DETAIL 9 /A6.0.</p> <p>⑫ ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF AND THE EVAPORATOR IN THE ICE MACHINE AS REQUIRED. REFER TO THE MANUFACTURER'S SHOP DRAWINGS FOR EXACT INSTALLATION AND INTERCONNECTION REQUIREMENTS PRIOR TO ROUGH-IN INSTALLATION.</p> | <p>⑬ COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. SEE SCOPE OF WORK.</p> |
|--|---|--|

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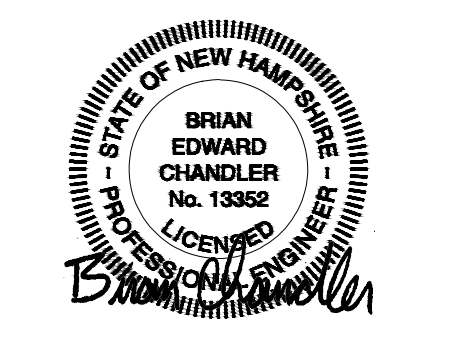
POWER ROOF PLAN
E3.2



GENERAL NOTES
 THE LISTED LIGHT FIXTURE PACKAGE CAN BE BID DIRECTLY OR ORDERED FROM A ACCUSERV LIGHTING DISTRIBUTOR. CONTACT BUDDY BOCKWEG 502-961-0096 X19.

GENERAL NOTES

- A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
- B. EMERGENCY AND NORMAL LIGHTING MARKED WITH 'NL' SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST.
- C. EMERGENCY LIGHTING NOT MARKED WITH 'NL' SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
- D. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a)
- E. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THRU THE LIGHTING CONTROL RELAYS. SEE 2/E6.0.
- F. ALL INTERIOR LIGHTING SHOWN DOWNSTREAM OF PHOTOCELLS SHALL BE WIRED AS SHOWN. SEE 2/E6.0 FOR CLARIFICATION.
- G. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
- H. ALL FIXTURES SUPPLIED WITH LAMPS.



07.08.22

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

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

NO.	QTY	LOCATION	MFR / CATALOG NUMBER	DESCRIPTION	LAMP #	LAMP TYPE	BALLAST TYPE	MOUNTING TYPE	HT.	VOLT	WATT	REMARKS
B1	10	KITCHEN & OFFICE	MAXLITE MLFP-24DE-45-41	2x4 LED FLAT PANEL	-	LED	NA	RECESSED GRID		120	45	
B1E	3	RESTROOMS & KITCHEN	MAXLITE MLFP-24DE-45-41-EM	2x4 LED FLAT PANEL	-	LED	NA	RECESSED FLANGE		120	45	PROVIDED WITH INTEGRAL BATTERY PACK
B3	2	RESTROOM	MAXLITE MFLP14DE3535	1x4 LED FLAT PANEL	-	LED	NA	RECESSED FLANGE		120	35	
B3E	2	RESTROOM	MAXLITE MFLP14DE3535EM	1x4 LED FLAT PANEL	-	LED	NA	RECESSED FLANGE		120	35	SAME AS B2 WITH BATTERY BACK-UP
E2	2	EXTERIOR	LIGHTALARMS CAM-SD-DB-CW	EXTERIOR EMERGENCY EGRESS FIXTURE	2			WALL	SEE KEY NOTES	120	18	UNSWITCHED HOT
X1W	1	KITCHEN	LIGHTALARMS QUXN500R-N	EXIT SIGN, LED UNIVERSAL MOUNT LED	-		NA	WALL		120	3	
X1B	2	DINING	LIGHTALARMS QUXN500R-N, PW-08118-L	EXIT SIGN, LED UNIVERSAL MOUNT LED	-		NA	CEILING		120	3	PENDANT MOUNT FIXTURE +9' A.F.F. TO BOTTOM
X1D	3	DINING	ACCUSERV #E52800145 #CAX6	EMERGENCY LIGHT FROG EYE	2		NA	WALL	TOP @ 9'-4" U.O.N.	120	3	UNSWITCHED HOT
SA			REFER TO CIVIL PLANS FOR QUANTITIES AND LOCATIONS OF SITE LIGHTING POLES									SEE CIVIL PLANS FOR POLE DETAILS
SB			REFER TO CIVIL PLANS FOR QUANTITIES AND LOCATIONS OF SITE LIGHTING POLES									SEE CIVIL PLANS FOR POLE DETAILS
SC			REFER TO CIVIL PLANS FOR QUANTITIES AND LOCATIONS OF SITE LIGHTING POLES									SEE CIVIL PLANS FOR POLE DETAILS

NO.	QUANTITY	LOCATION	MFR / CATALOG NUMBER	DESCRIPTION	LAMP #	LAMP TYPE	BALLAST TYPE	MOUNTING TYPE	HT.	VOLT	WATT	REMARKS
C1W	25	DINING	TCP-LED14DR5630KB95 ELITE HOUSING: B6IC-AT-P-CL-WH	RECESSED LED DOWNLIGHT	1	LED	NA	RECESSED DROP CLG		120	14	
F4	0	DINING	BASELIGHT CO15/78EXT/59INT/BLC25WINC MAX	DINING ROOM PENDANT	11W	LED	NA	PENDANT	BOT. @ 6'-0" A.F.F.	120	11	
F6	5	DINING	KICHLER 43852OZ	HUB TABLE PENDANT	1			PENDANT	VARIES	120	6	PLACEHOLDER INCLUDES LAMP
F7	6	DINING	HI-LITE H-15114-96/CB8-96/INC	DINING ROOM PENDANT	1	11W	LED	PENDANT	6'-6" A.F.F.	120	60	LAMP (60W) EQ WARM WHITE (2700K)
D1	6	EXTERIOR WALL (LED OPTION)	TROY B2772	17"x14" WALL MOUNT SCONCE, OLD SILVER FINISH	1	(1) LED9A19 027K	MEDIUM BASE SOCKET 100W MAX	PENDANT	CENTER OF BRACKET AT 14'-0" A.F.F.	120	9	
G3	VERIFY	COLOR CHANGING LIGHT WALL	LED POWER #HB-40 W/ ACCESSORIES	DINING ROOM LED STRIP	-	LED	NA			120	96	
WP1	1	EXTERIOR WALL	LUMARK (EATON) LDWP-GL-3B-120V-PE	LED WALL PACK	1	LED		WALL	8'-6"	120	27	FIXTURE SHALL BE PROVIDED WITH INDEPENDENT PHOTOCELL

- 1 EF-2 SHALL BE CONNECTED AND CONTROLLED VIA LOCAL LIGHTING CIRCUIT.
- 2 INDICATES LIGHTING FIXTURES PROVIDED WITH WALK-IN COOLER. REFER TO GENERAL NOTE D.
- 3 WALK-IN COOLER / FREEZER - SEE SCOPE OF WORK.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER DETAIL 2/E6.0.
- 5 COORD. J-BOX LOCATION SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 NOT USED.
- 7 CANOPY DOWN LIGHTS FURNISHED WITH CANOPY. G.C. TO MAKE FINAL CONNECTION.
- 8 J-BOX FOR CANOPY LIGHTS. VERIFY POINT OF CONNECTION. WIRE VIA EXTERIOR LIGHTING CONTACTOR.
- 9 NIGHT LIGHT.
- 10 EXIT, EMERGENCY EGRESS, EXTERIOR EMERGENCY EGRESS AND NIGHT LIGHTING (NL) SHALL BE CIRCUITED TO NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
- 11 J-BOX FOR COOLER/FREEZER LIGHTS. COORDINATE WITH MANUFACTURER.
- 12 PRE-FABRICATED SOFFIT WITH LIGHTING. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 13 COORDINATE THE POSITION OF LIGHT FIXTURES WITH THE POSITION OF THE TABLES BELOW.
- 14 LINE VOLTAGE PHOTOCELL TO BE CEILING MOUNTED. LOCATION TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS TO OBTAIN OPTIMAL LIGHTING CONTROL.
- 15 WATER PROOF ELECTRICAL CONDUITS.

LIGHTING FIXTURE SCHEDULE **C**

KEY NOTES **B**

TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104



LIGHTING PLAN AND SCHEDULE

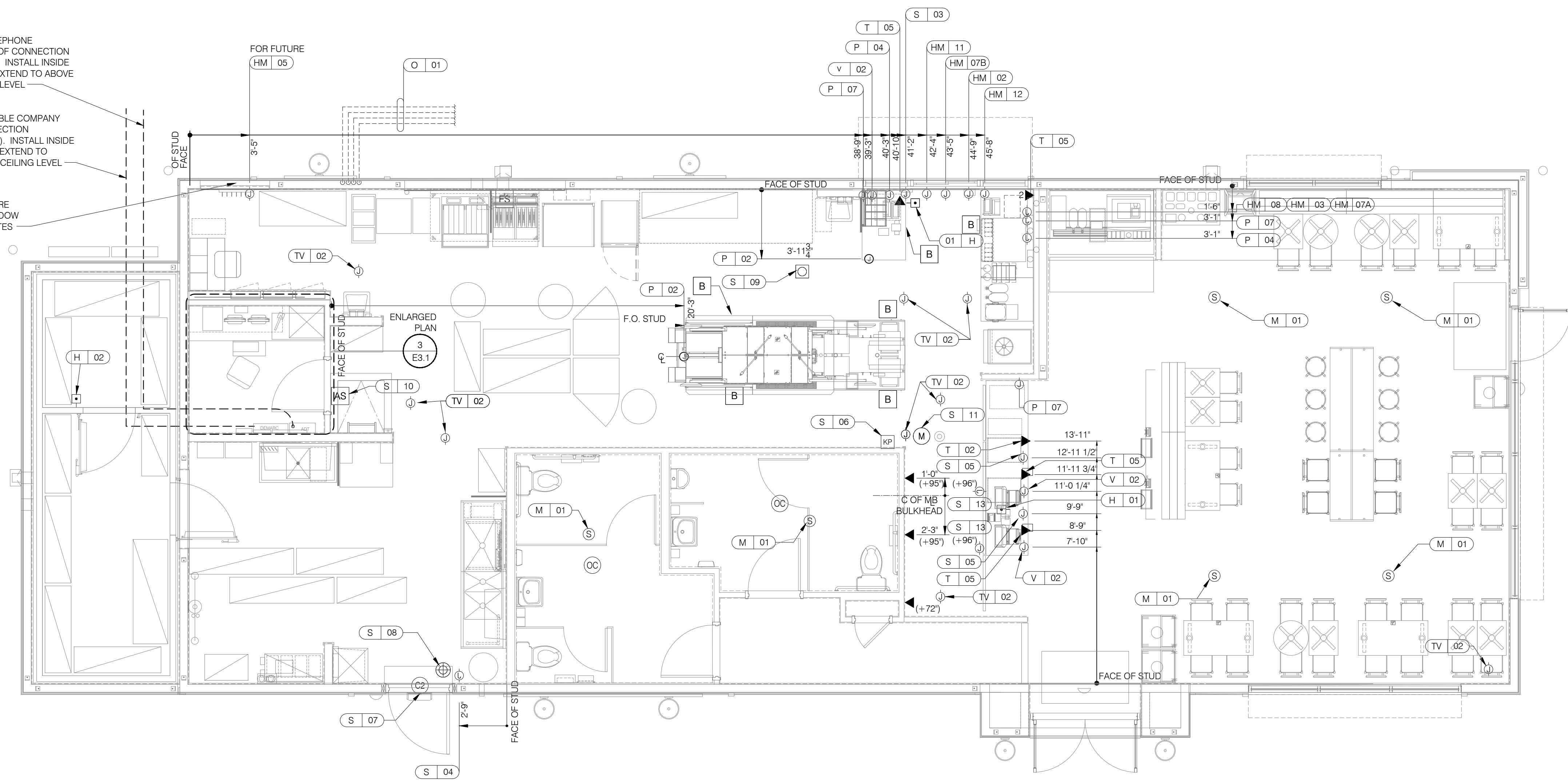
E4.0

PERMIT PLOT DATE:

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

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

INSET FOR FUTURE DRIVE THRU WINDOW WITH NO SIDE LITES



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

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

COMMUNICATIONS NOTES **E**

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 SHTS. 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 CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER HOLD-UP BUTTON		INSTALL 3045 CTW PART. SEE DETAIL 6/E3.1
H 02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	2x4 J-BOX FLUSH MOUNTED IN WALK-IN WALL BY COOLER MANUFACTURER WITH 1/2" CONDUIT TO OUTSIDE OF COOLER NEAR KITCHEN CEILING. SECURITY SYSTEM INSTALLER TO INSTALL HOLD-UP BUTTON FACING DOWN AND RUN WIRING. SEE DETAIL 5/E3.1
HM 02	D/T TIMER SIGNAL PROCESSOR J-BOX	+114" 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. 16/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 DET. 16/E3.1.
HM 04	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-07A, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUITS TO D/T MENU BOARD. SEE DET. 16/E3.1.
HM 05	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X4 J-BOX W/ 1" CONDUITS TO PRE-PAY WINDOW D/T LOOP & D/T WINDOW J-BOX HM-04. SEE DET. 8/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 AND (1) 1" C TO HM-04. SEE DET. 16/E3.1.
HM 07B	D/T TIMER DISPLAY J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DET. 16/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 DET. 16/E3.1.
HM 10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ (1) 1" CONDUIT TO ABOVE CEILING
HM 11	D/T CONTROL UNIT J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DET 16/E3.1.
HM 12	D/T ETHERNET SWITCH J-BOX	+114" A.F.F.	2X4 J-BOX ABV. CLG W/ (1) 1" CONDUIT TO HM-11, 1" CONDUIT TO HM-02, AND 1" CONDUIT TO OFFICE ROUTER
IR 01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES.
M 01	RECESSED CEILING SPEAKERS, COLOR - BLACK	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
M 03	MUSIC SYSTEM J-BOX	+60" A.F.F.	4X4 J-BOX & COVER W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR MUSIC SYSTEM. SEE SCOPE OF WORK.
O 01	(4) 1" DATA CONDUITS	U.G.	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DET. 4/E7.0.
P 02	KITCHEN MONITOR J-BOX	@ CLG.	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE / DRIVE THRU MONITOR J-BOX.
P 04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-02
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 01	J-BOX SECURITY SYSTEM	+48" A.F.F.	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02.
S 02	J-BOX SECURITY SYSTEM	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01.
S 13	J-BOX SECURITY SYSTEM	+96" A.F.F.	4X4 J-BOX FOR DIGITAL MENU BOARD.

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
S 03	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE. SEE ELEVATION 8/E3.1.
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
S 12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR.
T 01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+48" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.
T 02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK.
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	POS PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
TV 02	SECURITY CAMERA	BULKHEAD/CEILING	CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI-DOME CAMERA MTD. TO BTM OF MENU BOARD BULKHEAD.
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)
V 02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.

COMMUNICATIONS ROUGH-IN SCHEDULE **B**

CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

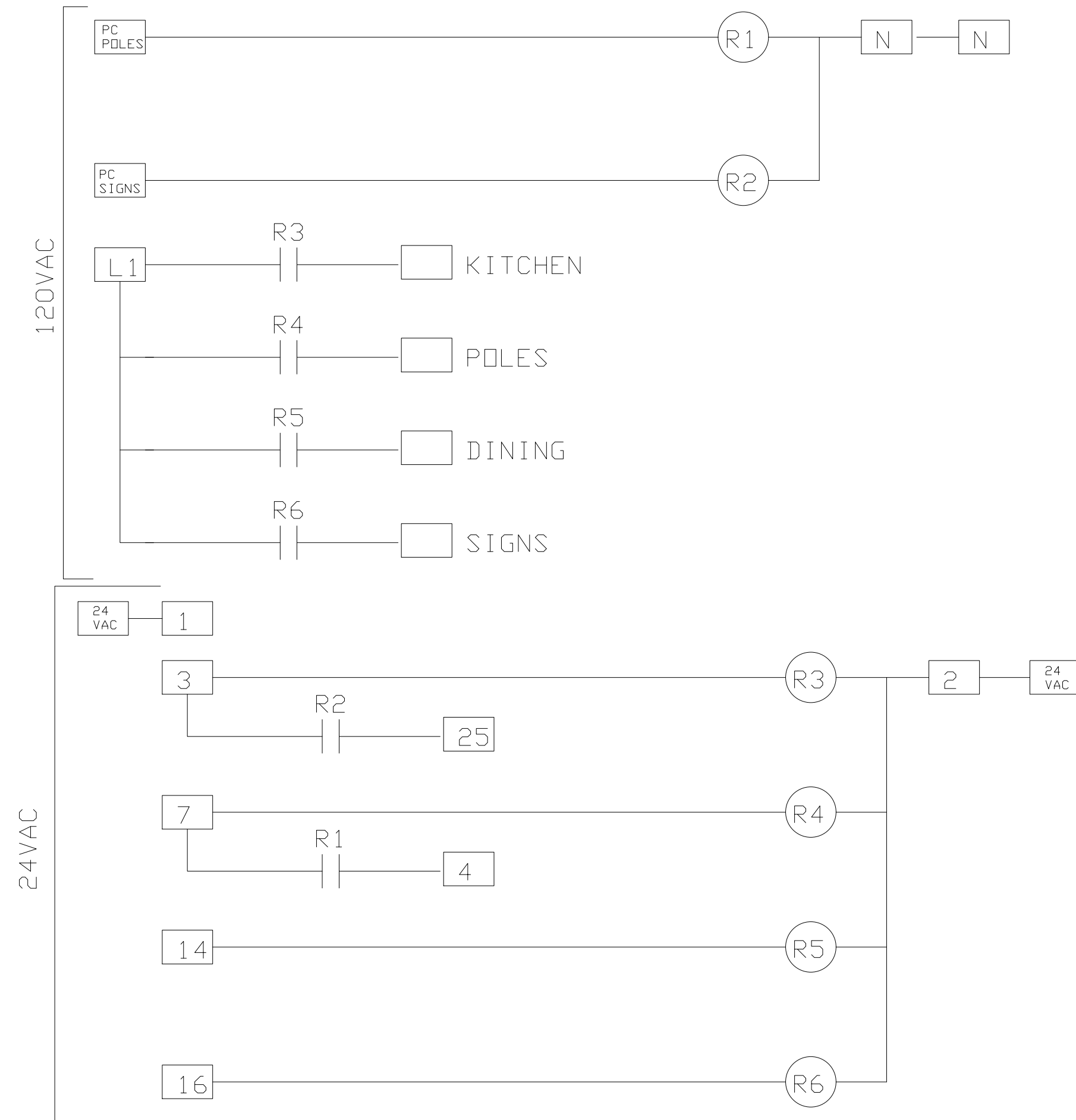
TACO BELL
 525 Hooksett Road
 Manchester, New Hampshire 03104

ENDEAVOR 2.0
 LARGE 50

COMMUNICATIONS PLAN
E5.0

PERMIT PLOT DATE:

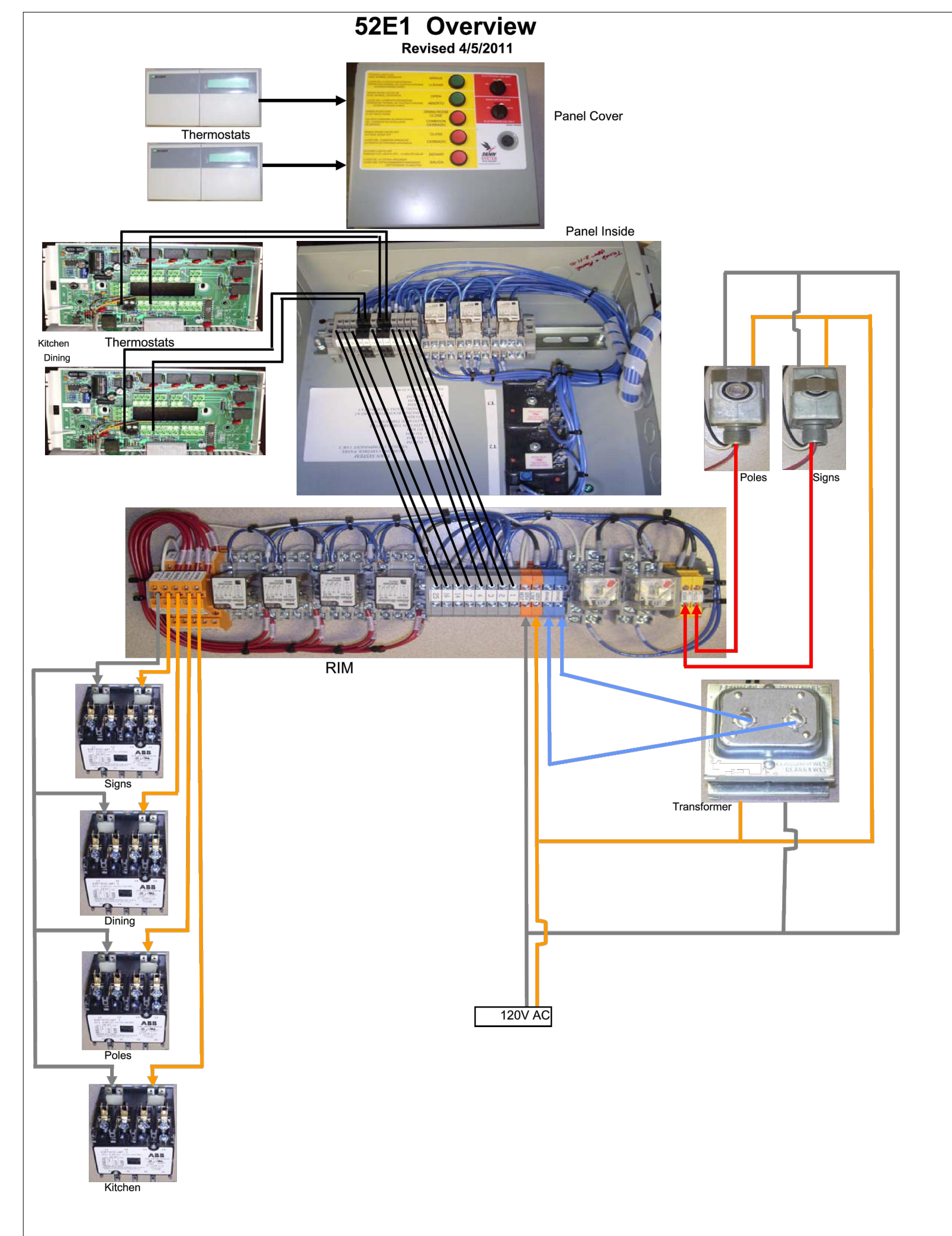
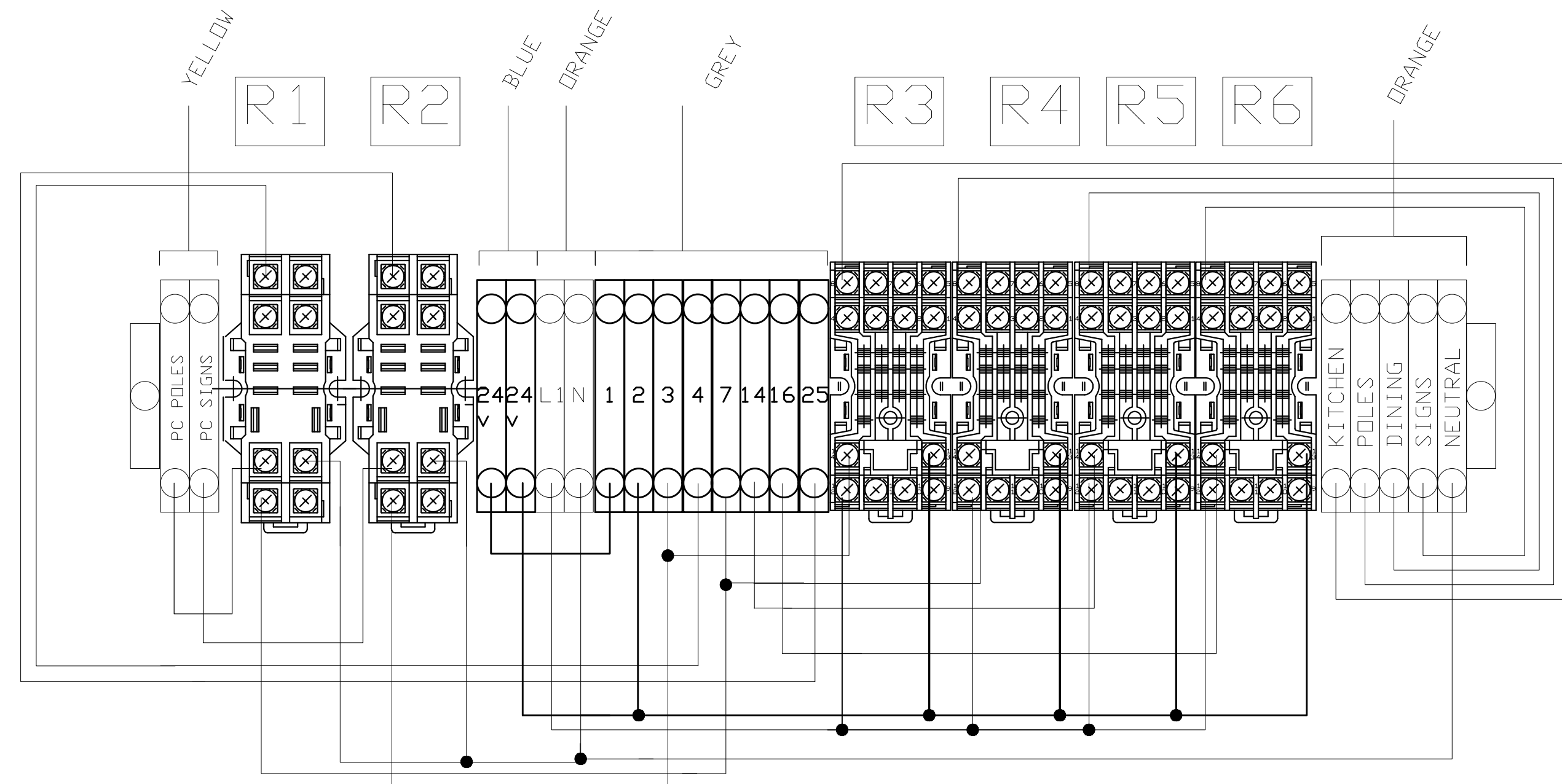
"RIM"
USED W/VERSION 3



ITEM	QTY	DESCRIPTION	PART #
1	19	ENTRELEC 4/6MM TB	11511607
2	2	IDEC 2 POLE RELAY	RH2B-UL-120
3	2	IDEC 2 POLE RELAY BASE	SH2B-05
4	4	IDEC 4 POLE RELAY	RY4S-UL-24
5	4	IDEC 4 POLE RELAY BASE	SY4S-05
6			

NOTE
A. CONTRACTOR IS RESPONSIBLE FOR THE PURCHASE AND INSTALL OF THE TANN LIGHTING CONTROL PANEL AND SYSTEMS.

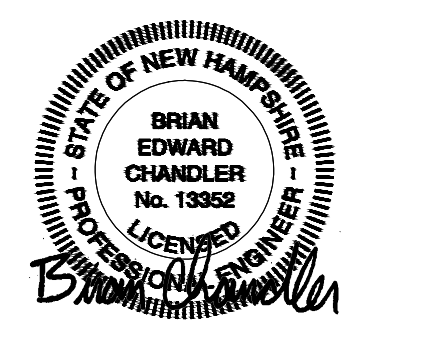
REVISIONS				
REV	DESCRIPTION	BY	DATE	APPROVED



DESCRIPTION TANN ELECTRIC RIM-FOR VERSION #3		
DRAWING NO. TANN 2008	DRAWN BY GANN	REV
SCALE 1 : 1	DATE 04/10/2008	SHEET 1 OF 1

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07.08.22

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CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

TACO BELL
525 Hookset Road
Manchester, New Hampshire 03104

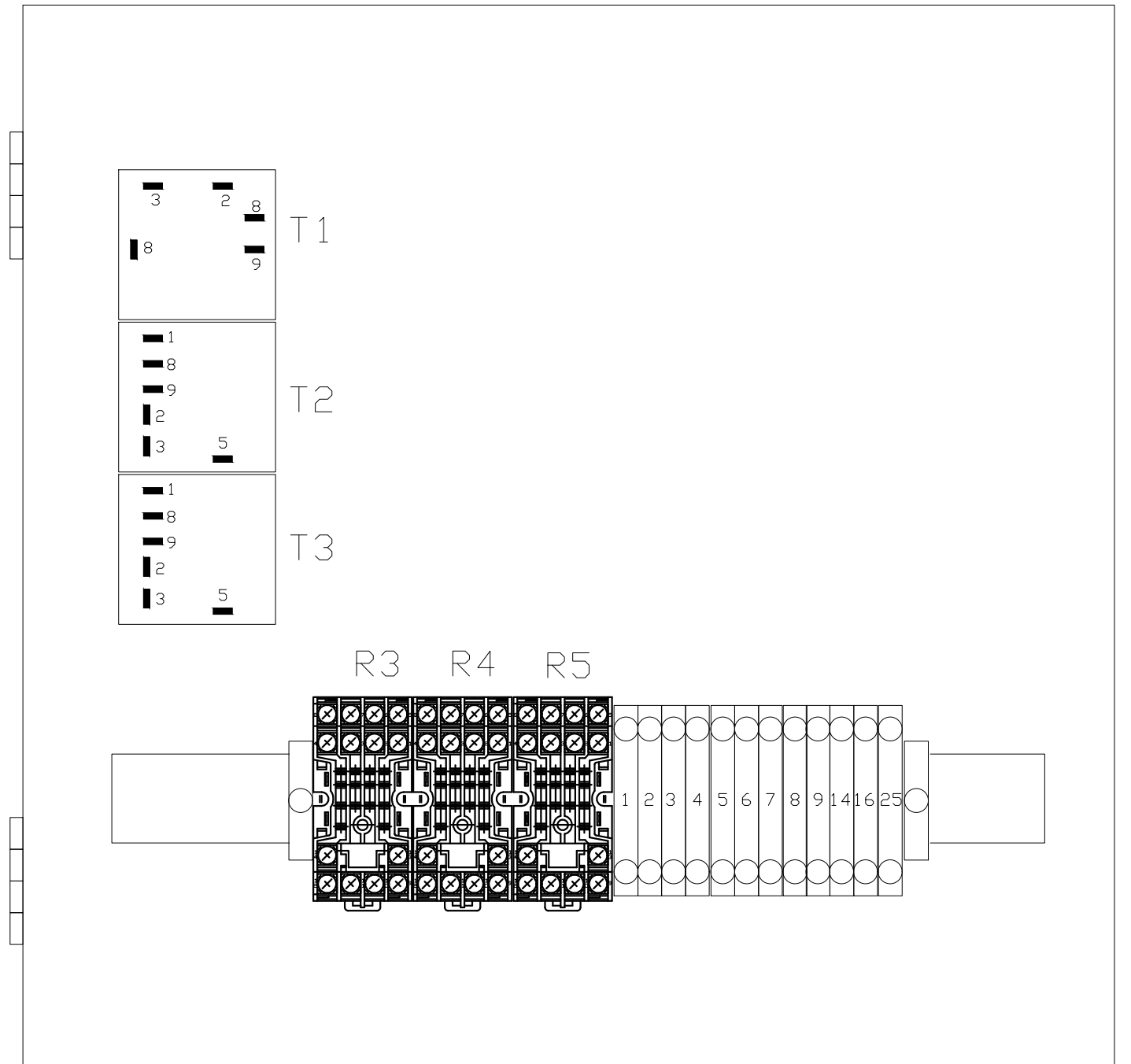
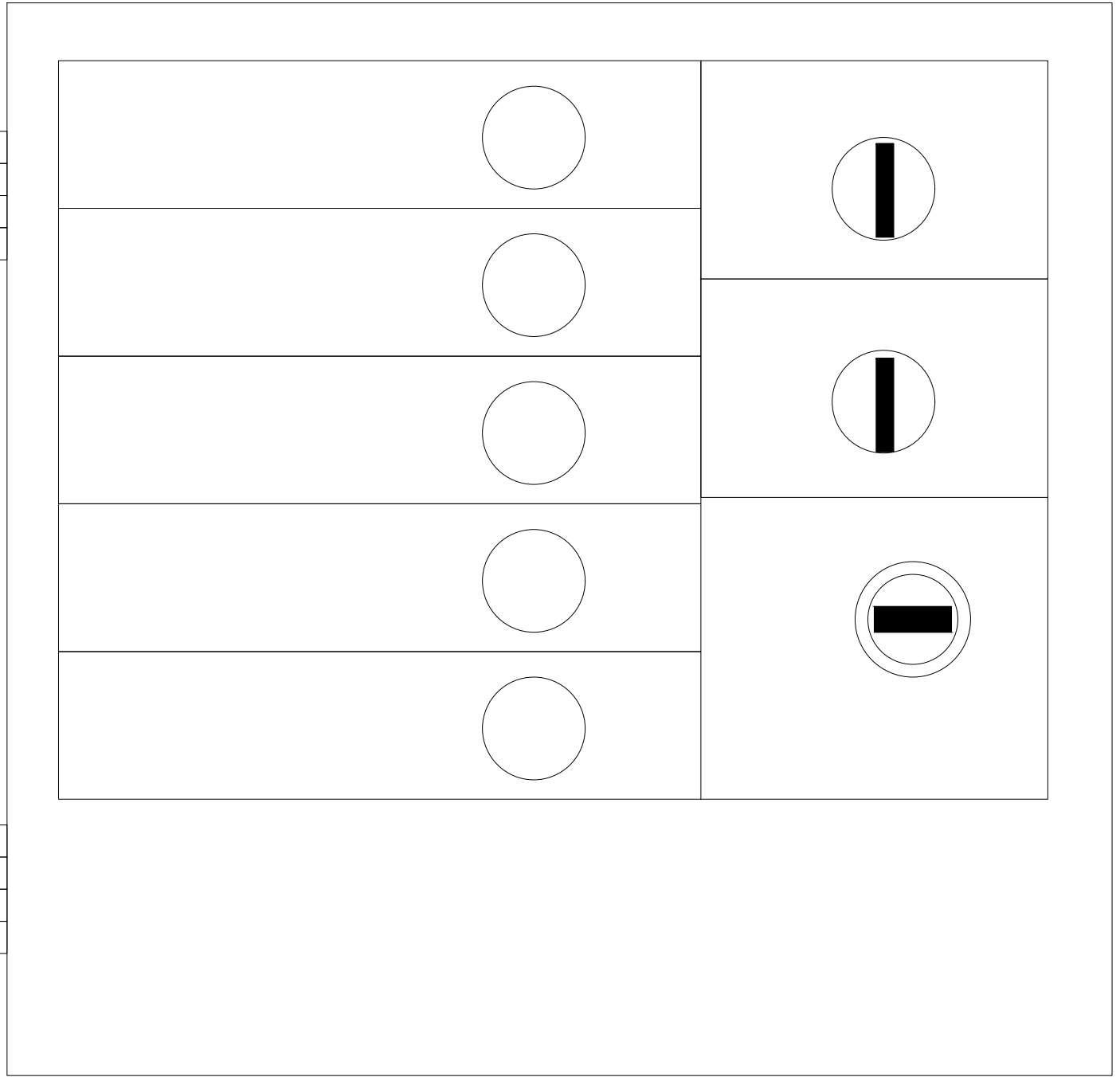
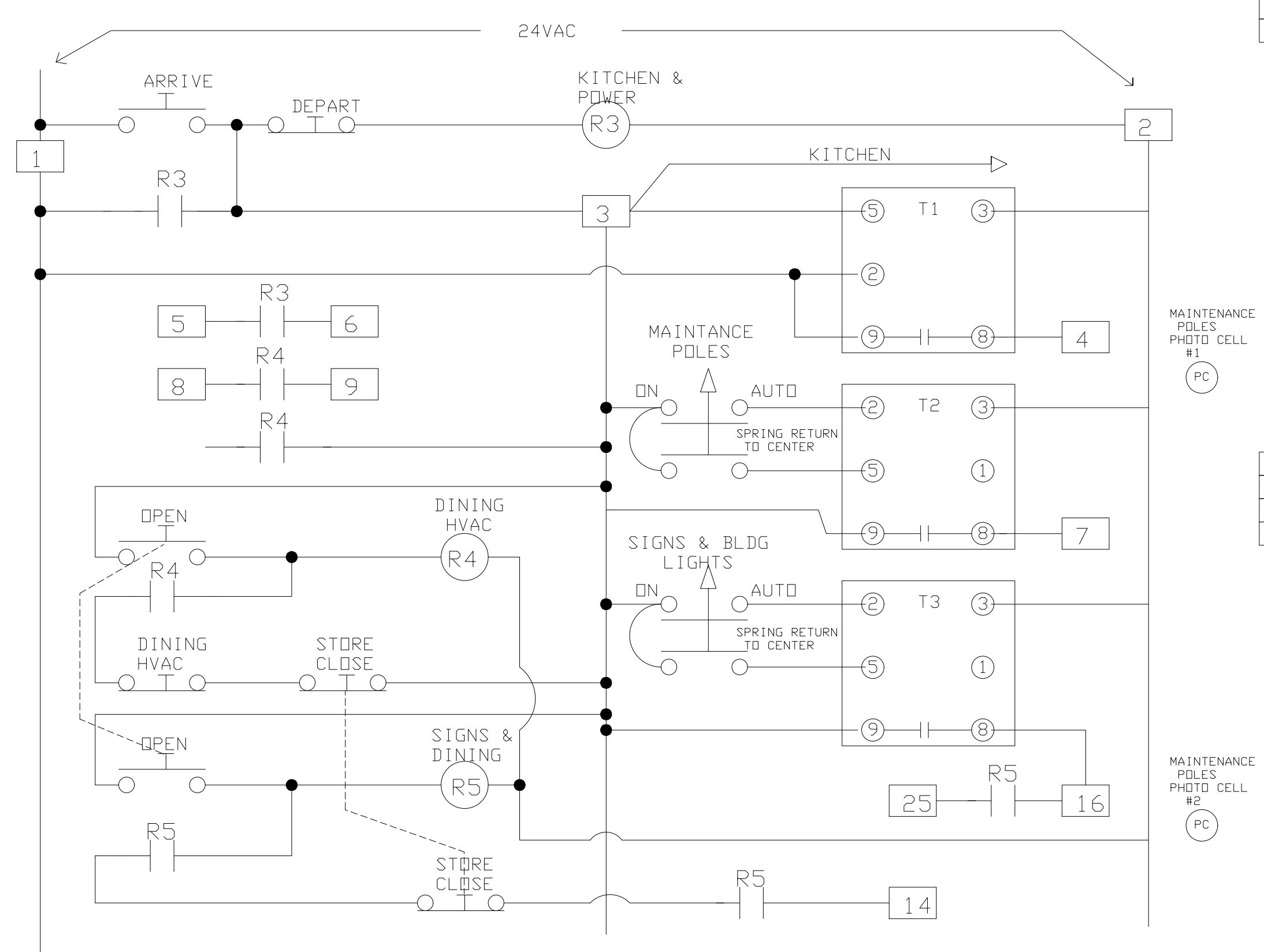


ELECTRICAL DETAILS

E6.0

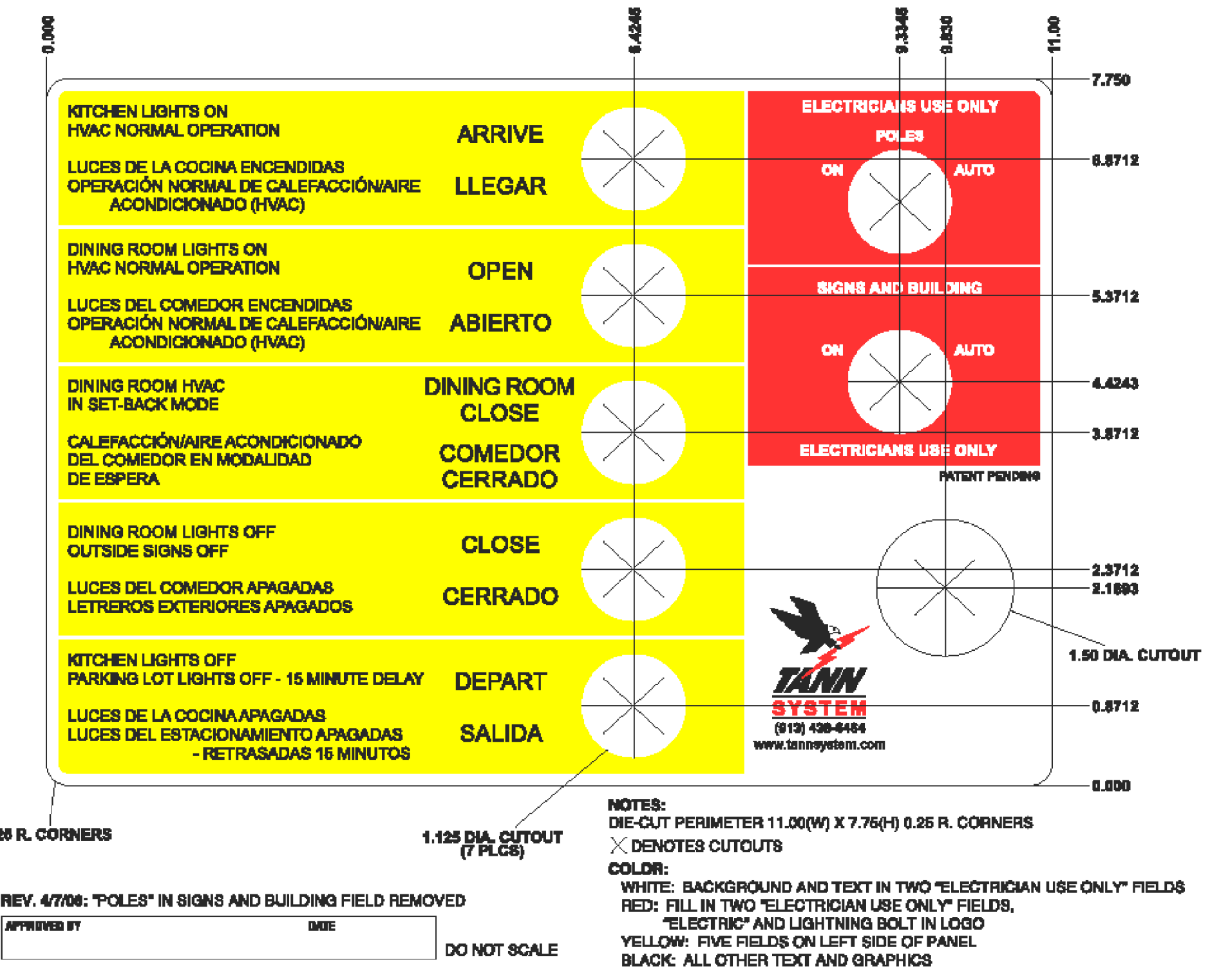
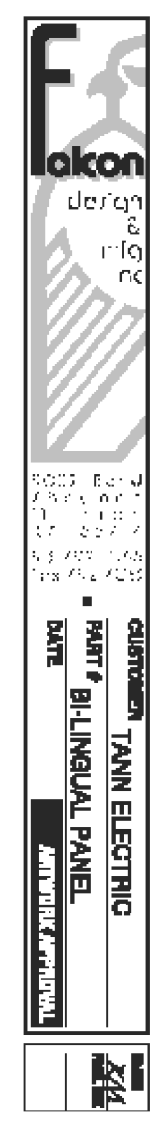
PERMIT PLOT DATE:

VERSION 3



ITEM	QTY	DESCRIPTION	PART #
1	1	T1 TIMER	TGML31000A2J
2	2	T2 & T3 TIMER	TGML33HC1H
3	12	ENTRELEC 4/6MM TB	11511607
4	1	HOFFMAN ENCLOSURE	AHE12X12X4
5	3	IDEC 4 POLE RELAY	RY4S-UL-24
6	3	IDEC 4 POLE RELAY BASE	SY4S-05
7	2	3 POS SS-RETURN TO CENTER	ASW3100
8	5	PUSH BUTTON	ABW100
9	5	NORM OPEN CONTACT BLKS	TWC10
10	6	NORM CLOSED CONTACT BLOCKS	TWC01
11	1	LABEL	T1 TIMER
12			
13			
14			

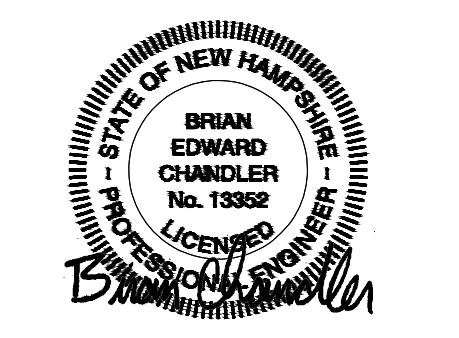
NOTE
 A CONTRACTOR IS RESPONSIBLE FOR THE PURCHASE AND INSTALL OF THE TANN LIGHTING CONTROL PANEL AND SYSTEMS.



REVISIONS				
REV	DESCRIPTION	BY	DATE	APPROVED



DESCRIPTION	
TANN ELECTRIC PANEL - VERSION #3	
DRAWING NO. TANN 2008	DRAWN BY GANN
SCALE 1 : 1	DATE 04/10/2008
SHEET 1	OF 1



07.08.22

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CONTRACT DATE: 04.01.22
 BUILDING TYPE: ENDEAVOR 50
 PLAN VERSION:
 SITE NUMBER: TBD
 STORE NUMBER: TBD

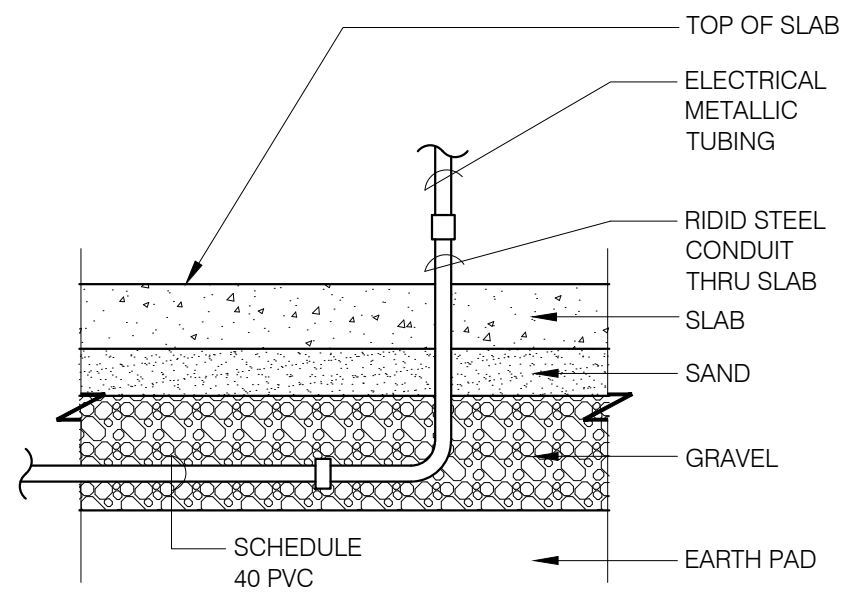
TACO BELL
 525 Hookset Road
 Manchester, New Hampshire 03104

TACO BELL
 ENDEAVOR 2.0
 LARGE 50

ELECTRICAL DETAILS

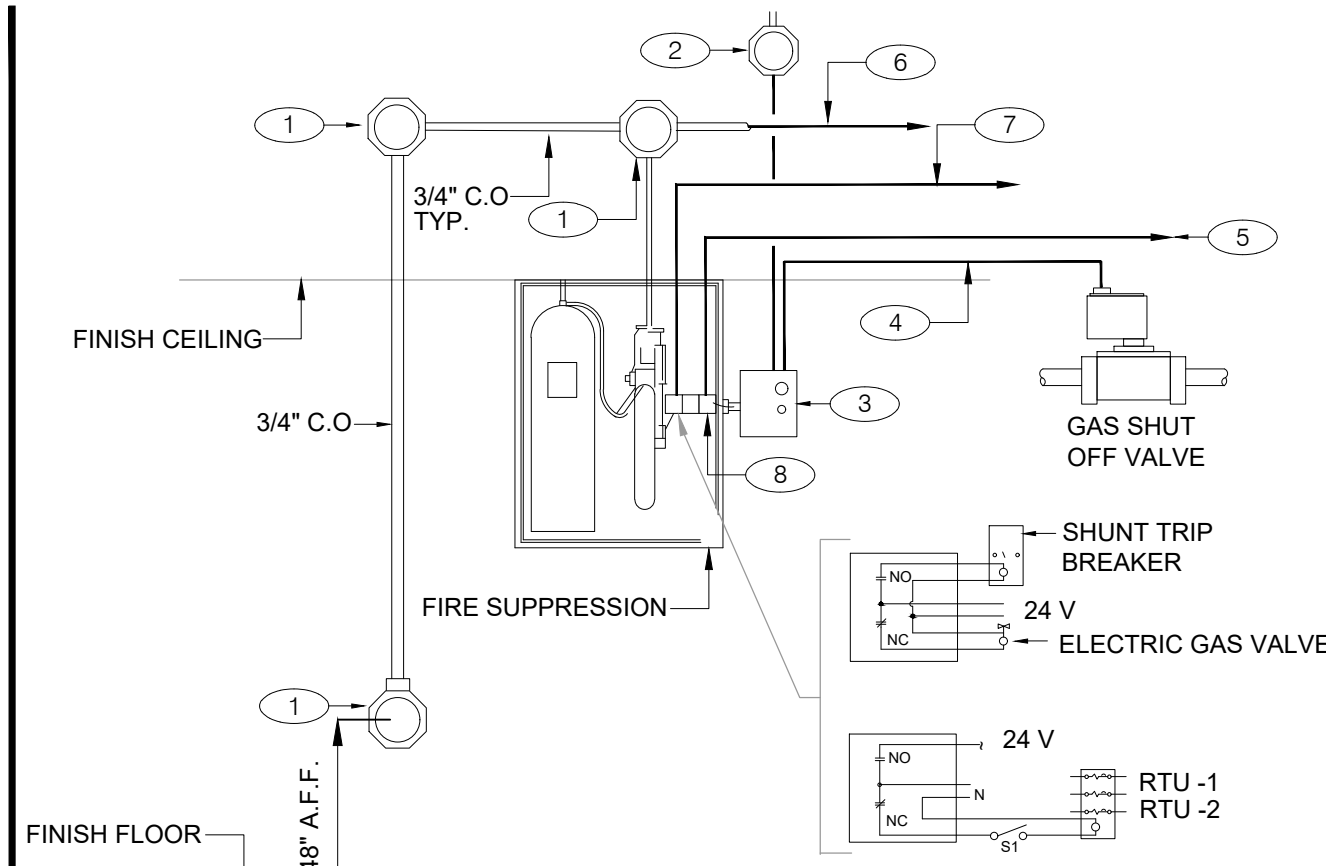
E6.1

PERMIT PLOT DATE:



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

UNDER SLAB CONDUIT N.T.S. **17**



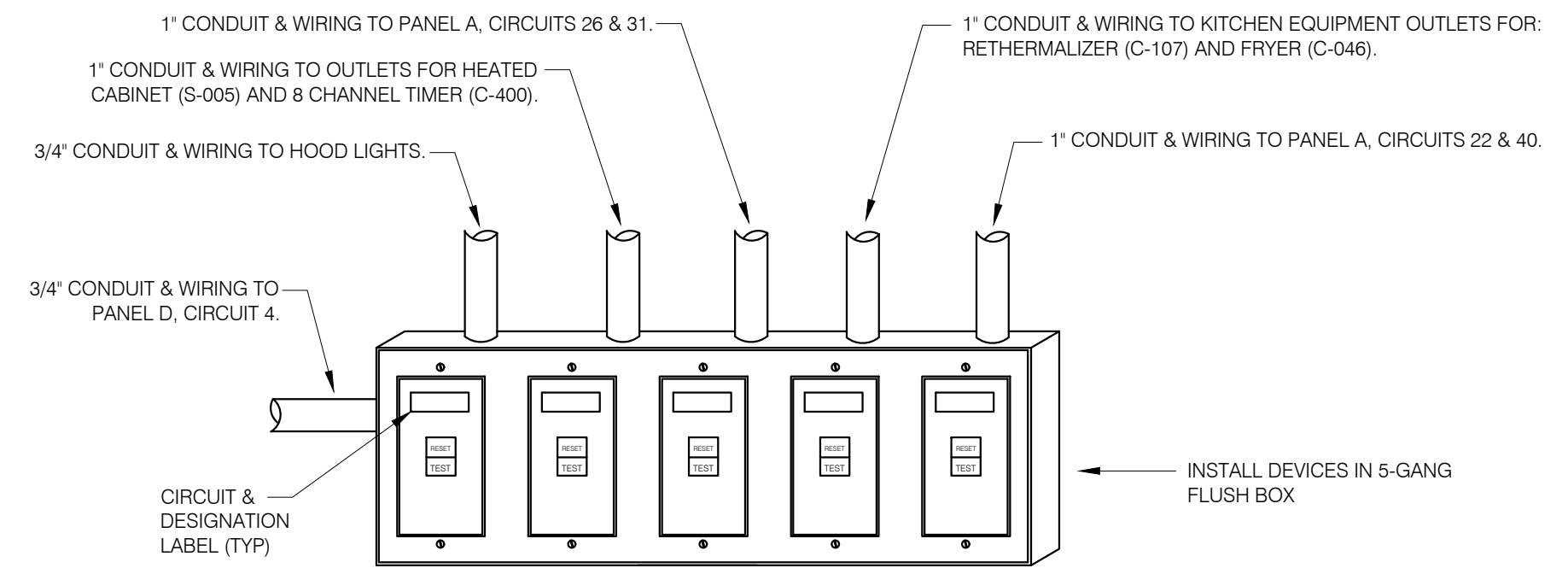
FIRE SUPPRESSION SYSTEM WIRING DIAGRAM N.T.S. **9**

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. INTERCONNECT TO MANUAL RESET RELAY THROUGH MICROSWITCH.
- 3 MANUAL RESET RELAY FURNISHED WITH UNIT INSTALLED BY E.C.
- 4 PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO VALVE AND RESET RELAY.
- 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 TO 'SHUNT TRIP' BREAKER AT PANEL AND MICROSWITCH AT HOOD.
- 8 SLOT FOR SNAP ACTION MICRO-SWITCH. UP TO FOUR SWITCHES AVAILABLE FOR HOOK-UP.
SWITCH 1: GAS SHUT-OFF VALVE.
SWITCH 2: EXH/S.
SWITCH 3: SHUNT TRIP BREAKER IN ELE PANEL.



- NOTES:
- 1. DEAD FRONT GFCI DEVICES ARE REQUIRED FOR KITCHEN EQUIPMENT REQUIRING BOTH A SHUNT TRIP BREAKER AND GFCI PROTECTION.
 - 2. REFER TO SHEET E3.0 FOR LOCATION OF DEAD FRONT GFCI DEVICES.
 - 3. PROVIDE LABEL ON DEVICES WITH CIRCUIT NUMBER AND LOAD DESIGNATION.

DEAD-FRONT GFCI DEVICE DETAIL N.T.S. **1**

TANN SYSTEM LIGHTING CONTROL

FUNDAMENTALS OF DESIGN:
REVISED MAY 4, 2020

- NON-CHANGEABLE - ITS FUNCTION IS 'HARD-WIRED' USING RELAY LOGIC. THERE ARE NO PROGRAMS OR PROGRAMING TO LOSE OR PROGRAMING RE-CREATE.
- ROBUST-IT WILL FUNCTION FLAWLESSLY WHEN INSTALLED AND IN THE YEARS TO COME - POWER FAILURES DO NOT AFFECT ITS FUNCTION - WHEN POWER IS RESTORED IT WILL WORK JUST LIKE IT DID BEFORE THE POWER FAILURE.
- COMPONENTS - 'ARE OFF THE SHELF' INDUSTRIAL CONTROL COMPONENTS EXCEPT FOR THE 3 TIMERS. EVEN THESE TIMERS ARE FUNCTIONALLY AVAILABLE IN AN ADAPTIBLE FORM.
- INTERFACE WITH OTHER IN-STORE SYSTEMS. WE DESIGNED LITTLE INTERFACE SO THERE IS LITTLE CONFUSION AMONG THE TRADES AS TO RESPONSIBILITY FOR A SYSTEM FAILURE OR INCONSISTENCY.
- THROUGH MANY YEARS OF SERVICING TACO BELL STORES THAT HAVE HAD VARIED DEGREES OF INTEGRATED CONTROLS AND ENERGY MANAGEMENT SYSTEMS, WE FOUND IT SOMETIMES TAKES MULTIPLE TRIPS BY THE DIFFERENT TRADES TO RESOLVE AN ISSUE. KEEPING THE SYSTEMS INDEPENDENT OF EACH OTHER NEARLY ELIMINATES THIS CONFUSION WHICH FACILITATES THE TIMELY REPAIR OF THE MALFUNCTIONING SYSTEM.
- HVAC - WE PROVIDE A SET OF DRY CONTACTS THAT CLOSE WHEN THE RESPECTIVE AREAS OF THE STORE (KITCHEN OR DINING ROOM) ARE OCCUPIED.
- HOOD - TYPICALLY, THE HOOD SYSTEM IS ACTIVATED WITH A SINGLE SWITCH THAT A TEAM MEMBER TURNS ON AND OFF. THIS FUNCTION CAN BE INTEGRATED INTO THE TANN SYSTEM CONTROL PANEL IF DESIRED BY CONNECTING THE SET OF DRY CONTACTS THAT CLOSE WHEN THE KITCHEN LIGHTS ARE TURNED ON.

LIGHTING CONTACTORS:

THE TANN SYSTEM CONTROL PANEL SIMPLY CONTROLS THE LIGHTING CONTACTORS. THE TANN SYSTEM PANEL CAN BE ADAPTED INTO AN EXISTING LIGHTING CONTACTOR SYSTEM OR INSTALLED IN CONJUNCTION WITH A NEW LIGHTING CONTACTOR SYSTEM. WE HAVE CHOSEN TO KEEP THE CONTROL SEPARATE FROM THE LIGHTING CONTACTORS BECAUSE SOME (MANY) ELECTRICIANS ARE CONFUSED BY CONTROL PANELS. CONVERSELY, MANY ELECTRICIANS ARE NOT CONFUSED BY LIGHTING CONTACTORS AND CAN EASILY BY PASS THE CONTACTOR CONTACTS OR CONTROL TO GET A SYSTEM FUNCTIONAL TEMPORARILY IN THE EVENT OF A MALFUNCTION.

THERE IS LIGHTING NEEDED UPON ARRIVAL OF TEAM MEMBERS WHEN OPENING THE STORE.

IN CONJUNCTION WITH THE INSTALLATION OF THIS PANEL, THERE NEEDS TO BE A LIGHT PERMANENTLY CONNECTED TO AN UN-SWITCHED CIRCUIT INSIDE THE ENTRANCE TEAM MEMBERS WILL USE TO ENTER THE STORE WHEN LOCKED. WE SUGGEST ONE OR TWO LED FIXTURES BE INSTALLED FOR THIS PURPOSE. ADDITIONALLY, WE RECOMMEND AN OUTSIDE FIXTURE BE INSTALLED OVER THE DOOR USED BY THE TEAM MEMBER TO ENTER THE STORE WHEN UNLOCKING. THIS FIXTURE SHOULD BE PHOTOCELL CONTROLLED AND BE LED. ONCE INSIDE, THE TEAM MEMBER WILL PUSH THE 'ARRIVE' BUTTON THAT WILL BRING ON THE KITCHEN LIGHTING AND WILL ENABLE THE PHOTOCELL TO TURN ON THE SITE LIGHTING IF IT IS STILL DARK ENOUGH TO NEED SITE LIGHTING.

LIGHTING FOR OTHER MAINTENANCE PERSONNEL (EXTERMINATORS)?:

MAINTENANCE PERSONNEL THAT ENTER THE STORE AFTER HOURS WILL HAVE THE SAME PROCESS AS THE TEAM MEMBER OPENING THE STORE. THE MAINTENANCE PERSONNEL WILL PUSH THE 'ARRIVE' THEN 'OPEN' TO BRING ON THE STORE LIGHTING. THEY WILL PRESS THE 'DEPART' WHEN THEY LEAVE.

OPERATING INSTRUCTIONS FOR THE NEW TACO BELL 5-BUTTON LIGHTING CONTROL PANEL

03-04-2020
US PATENT NO. 7932643

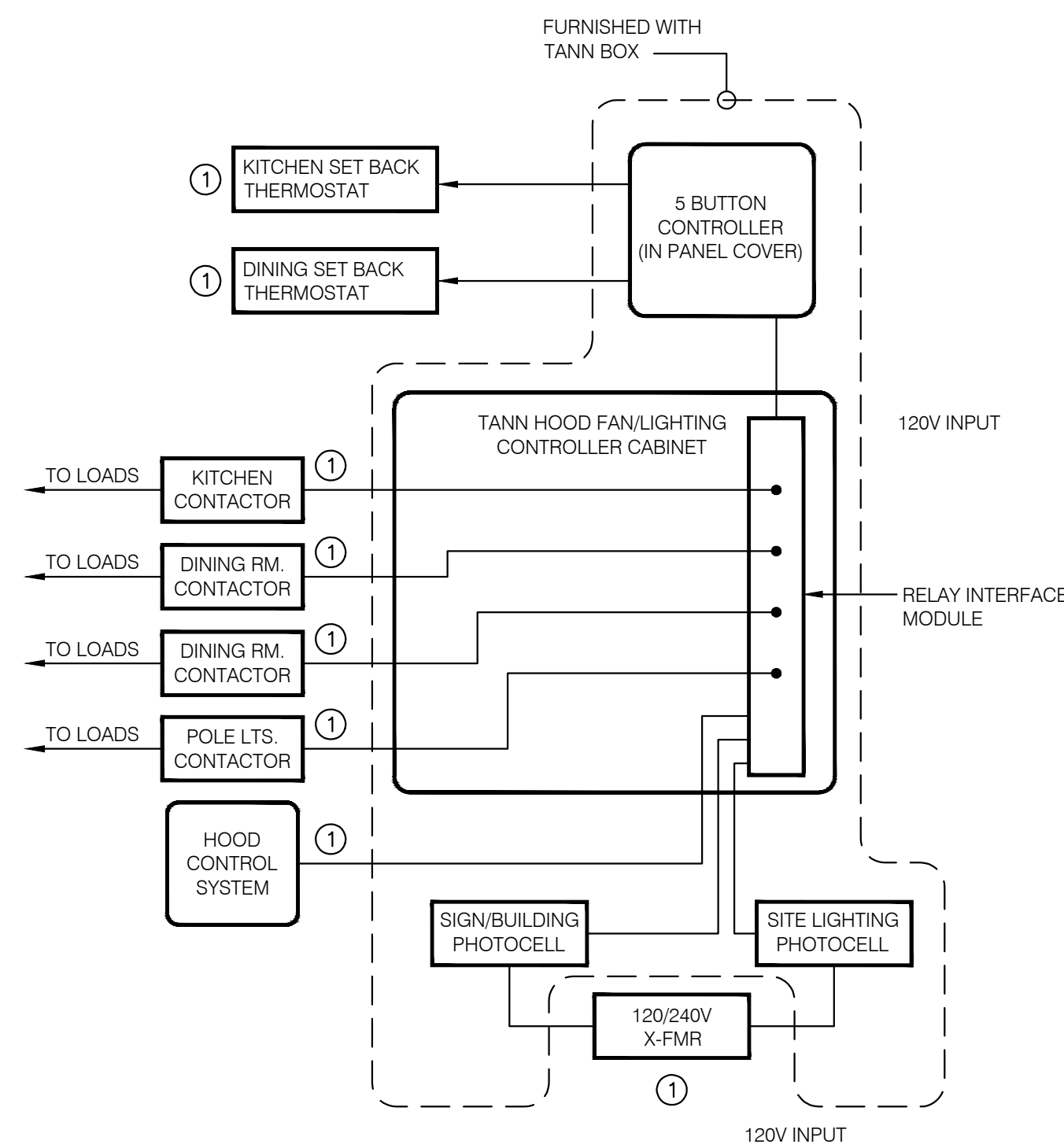
- PRESS THE 'ARRIVE' TO TURN THE KITCHEN LIGHTS ON WHEN YOU ENTER THE STORE. THIS PANEL WILL NOT OPERATE UNLESS THE KITCHEN LIGHTS ARE ON. (IF THE HOODS ARE INTERFACED WITH THIS PANEL THEY WILL COME ON WITH THE KITCHEN LIGHTS)
- WHEN YOU ARE READY TO OPEN THE DINING ROOM, PRESS THE 'OPEN' BUTTON.
- WHEN YOU HAVE CLOSED THE DINING ROOM AND THE CUSTOMERS HAVE EXITED - PRESS THE 'DINING ROOM CLOSED' BUTTON. THIS WILL PLACE THE DINING ROOM HVAC IN NIGHT SET-BACK. (NOTE: YOUR DINING ROOM LIGHTS WILL REMAIN ON SO YOUR STORE DOES NOT LOOK LIKE IT IS CLOSED)
- WHEN YOU ARE READY TO CLOSE THE DRIVE-THRU; PUSH THE 'CLOSE' BUTTON
- WHEN YOU ARE READY TO LEAVE THE STORE, PRESS THE 'DEPART' BUTTON. THE PARKING LOT LIGHTS WILL STAY ON FOR APPROXIMATELY 17 MINUTES TO ALLOW YOU TO GET TO YOUR CAR WHILE THE PARKING LOT LIGHTS ARE ON. (IF THE HOODS ARE INTERFACED WITH THIS PANEL, THEY WILL GO OFF WITH THE KITCHEN LIGHTS)
- THE 2 SWITCHES IN RED ARE FOR MAINTENANCE PERSONNEL ONLY
- IF OPERATIONS WANT TO TURN THE BUILDING LIGHTS & SIGNAGE ON BECAUSE OF A DREARY DAY THAT WAS NOT DARK ENOUGH TO TRIP THE PHOTOCELL, THEY CAN TURN-ON THE DESIRED LIGHTING. THIS WILL BE THE TIMED MAINTENANCE OVERRIDE, SO THEY WOULD HAVE TO RE-ACTIVATE AFTER THE OVERRIDE TIMED OUT IF THEY STILL DESIRE TO HAVE THE LIGHTS ON AND IT IS STILL NOT DARK ENOUGH FOR THE PHOTOCELL TO TRIP.

NO MONITORING NEEDED BENEFIT:

- IN THE PAST, THE EMS SYSTEMS HAVE BEEN USED AS MONITORING DEVICES. THIS PANEL REMOVES THE DECISIONS THAT REQUIRE MONITORING. THE LIGHTS WILL BE ON WHEN DAYLIGHT LEVELS ARE NOT HIGH ENOUGH THEREFORE CUSTOMERS KNOW THE STORE IS OPEN. CONVERSELY THE LIGHTS WILL BE OFF WHEN DAYLIGHT LEVELS DO NOT REQUIRE THE USE OF LIGHTS - NO WASTE OF ENERGY OR LAMP AND BALLAST CONSUMPTION.
- IF MONITORING WERE STILL DESIRED, MONITORING COULD BE ACCOMPLISHED WITHOUT BEING TIED TO THE OPERATION OF THE STORE. WE HAVE SEEN IN THE PAST, FAILURE OF MONITORING/CONTROL EQUIPMENT WHICH RESULTED IN INTERRUPTION OF STORE OPERATION.

STORE LIGHTS AND SIGNS WILL BE ON BENEFIT:

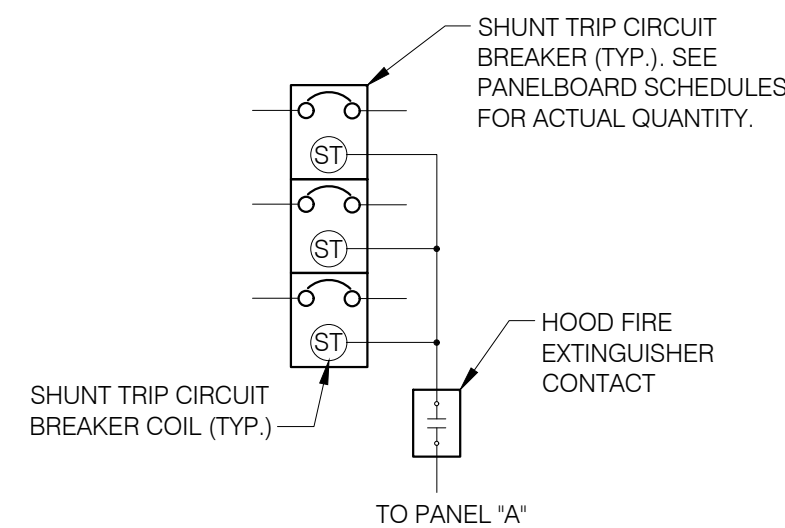
OPERATIONS CANNOT DISABLE LIGHTING WITHOUT TURNING OFF BREAKERS. GENERALLY, IF THE KITCHEN LIGHTS ARE ON AND DAYLIGHT LEVELS ARE LOW, YOUR LIGHTS TO BRING CUSTOMERS IN, WILL BE ON.



KEY NOTE:

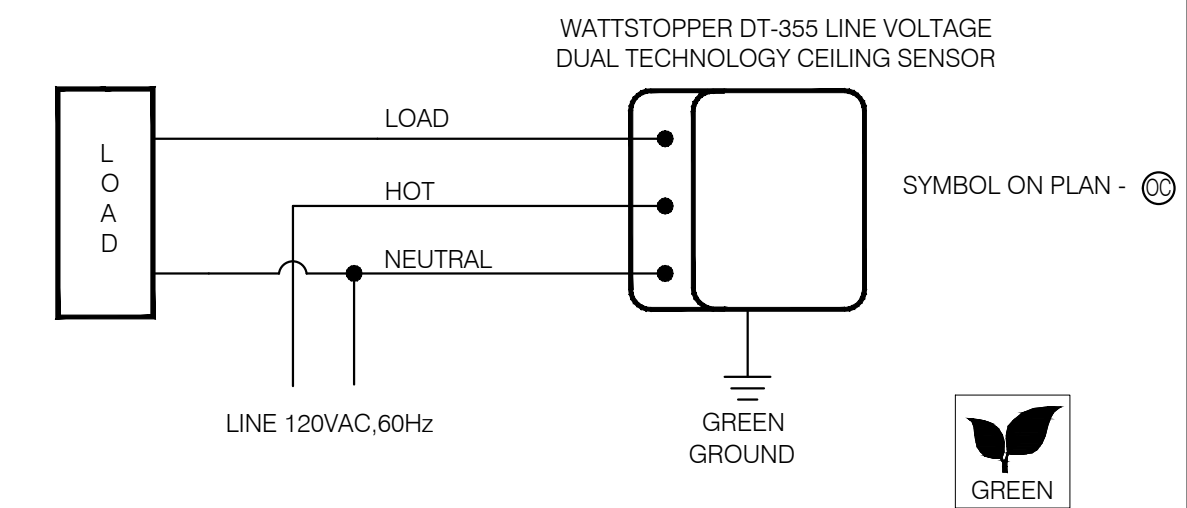
- 1. THIS IS NOT PART OF TANN PACKAGE AND IT IS TO BE FURNISHED AND INSTALLED BY E.C. OR G.C.

TANN HOOD FAN/LIGHTING CONTROL CABINET N.T.S. **6**

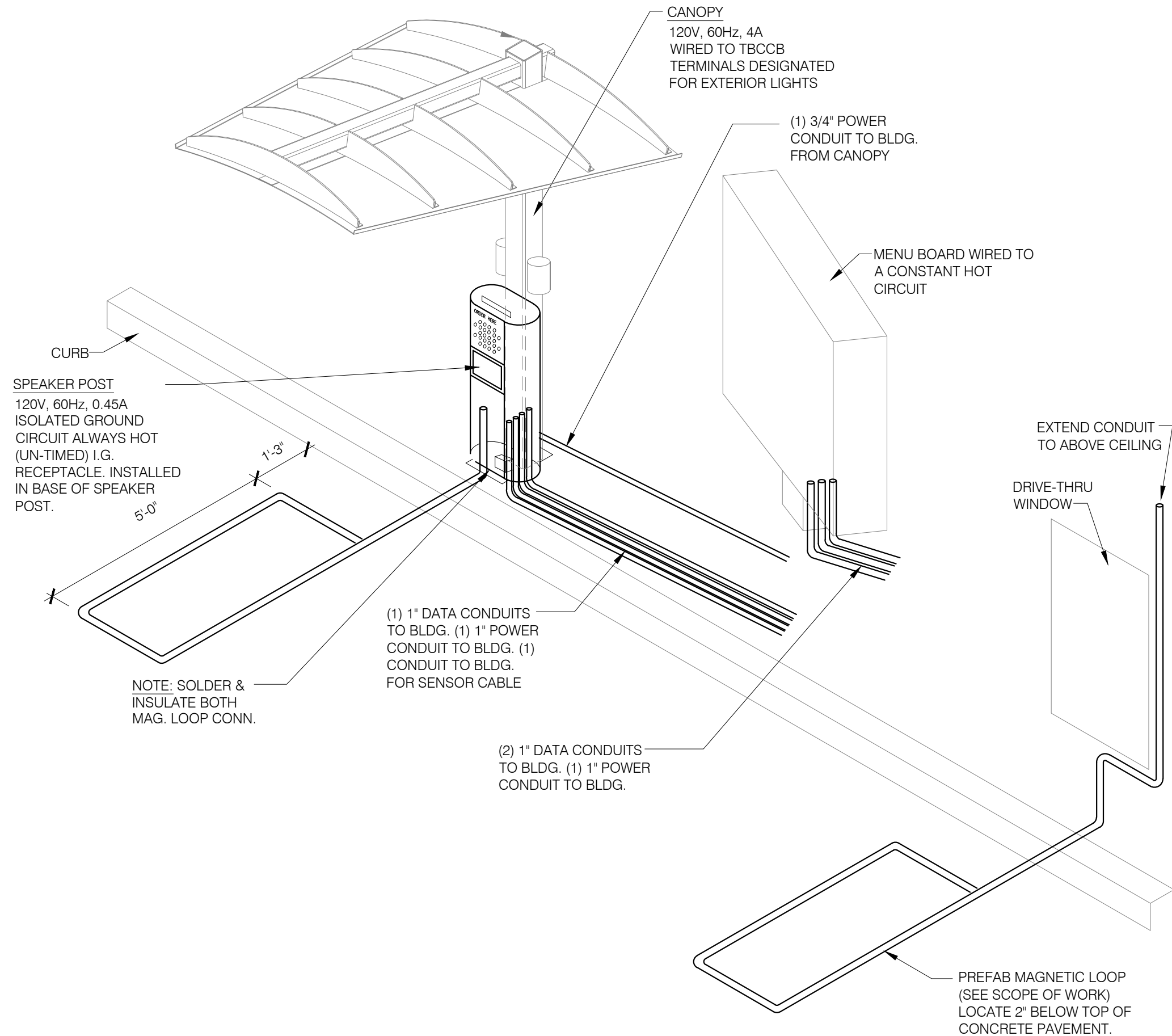


SEQUENCE OF OPERATION:
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED IN DETAIL E6.0.

SHUNT TRIP DETAIL N.T.S. **3**



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



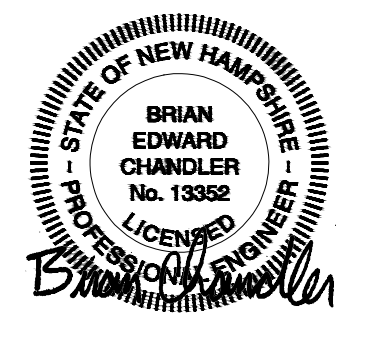
DIGITAL DRIVE-THRU COMMUNICATIONS ISOMETRIC N.T.S. **4**

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07.08.22

CONTRACT DATE: 04.01.22
BUILDING TYPE: ENDEAVOR 50
PLAN VERSION:
SITE NUMBER: TBD
STORE NUMBER: TBD

TACO BELL

525 Hookset Road
Manchester, New Hampshire 03104



ENDEAVOR 2.0
LARGE 50

ELECTRICAL DETAILS

E7.0

PERMIT PLOT DATE: