

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



- A. ALL WORK SHALL CONFORM TO THE 2018 NORTH CAROLINA STATE BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF SHELBY AND COUNTY OF CLEVELAND.
- 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 ARCHITECTS OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED 04.13.22 PREPARED BY JAMES MAUNEY & ASSOCIATES, P.A. AND IS INCLUDED IN THESE DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED APRIL 13, 2022 BY INTERTEK-PSI. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE PLANS.
- F. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE TACO BELL CORPORATE BRAND DESIGNER OR CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- I. SUBMIT, PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. 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.
- J. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- N. ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCE WITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

PROJECT GENERAL NOTES

OFFICE

A

XX

B

C

SHEET NUMBER

ELEVATION NUMBER

8'-4"

CEILING HEIGHT

BLDG. SECTION LETTER

BLDG. SECTION SHEET

DETAIL NUMBER

DIRECTION OF DETAIL

DETAIL SHEET

REVISION NUMBER

BLDG. HEIGHT

0'-0" ELEV.

REFERENCE POINT

ELEV. LETTER

ELEV. SHEET

DOOR NUMBER

WINDOW NUMBER / DECOR ITEM NUMBER

KEY NOTE NUMBER

EQUIPMENT NUMBER

WALL NUMBER

INTERIOR ELEVATION DESIGNATION

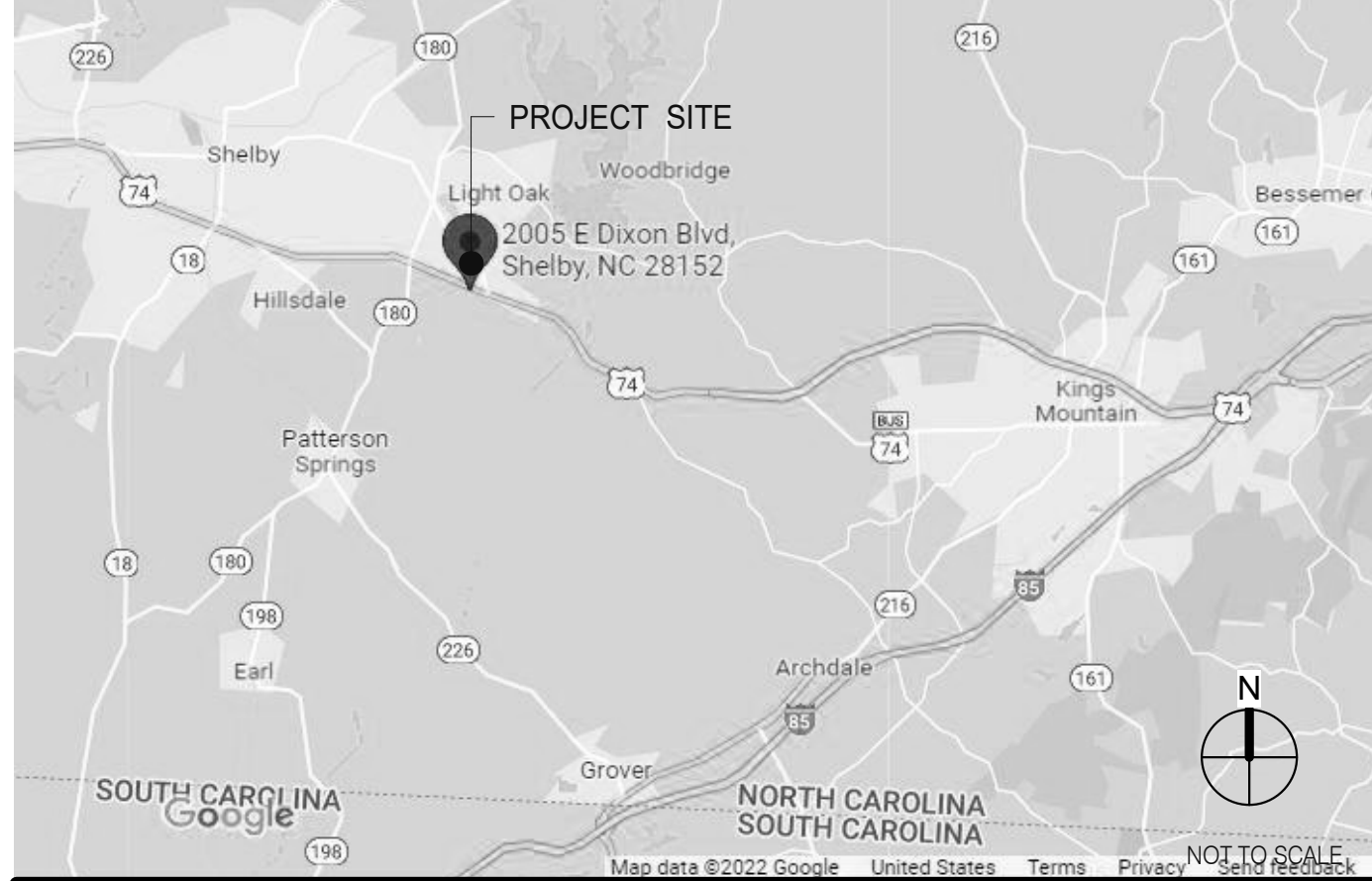
SHEAR WALL TYPE (STRUCTURAL)

EQUIPMENT / FIXTURE NUMBER (M.E.P.)

INDICATES SUSTAINABLE DESIGN

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

GENERAL DRAWING SYMBOLS



VICINITY MAP

LEGAL JURISDICTION: CITY OF SHELBY PLANNING & DEVELOPMENT SERVICES - BUILDING INSPECTIONS
BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE
ACCESSIBILITY: ICC / ANSI A117.1-2009 W/ ADMENDMENTS
MECHANICAL: 2018 NORTH CAROLINA STATE MECHANICAL CODE
PLUMBING: 2018 NORTH CAROLINA STATE PLUMBING CODE
ELECTRICAL: 2020 NATIONAL ELECTRIC CODE
FIRE: 2018 NORTH CAROLINA STATE FIRE CODE
ENERGY: 2018 NORTH CAROLINA STATE ENERGY CONSERVATION CODE

BUILDING AREA:	2,287 S.F. GROSS		
SEATING:	22 INTERIOR, 10 EXTERIOR		
OCCUPANCY:	A2		
TYPE CONSTRUCTION:	TYPE VB - UNPROTECTED		
	AREA	FACTOR	OCCUPANTS
DINING ROOM	577 S.F.	1:15 S.F. (NET)	39
QUEUING	60 S.F.	1:5 S.F. (NET)	12
KITCHEN	1085 S.F.	1:200 S.F. (GROSS)	6
OFFICE	68 S.F.	1:100 S.F. (GROSS)	1
ACCESSORY STORAGE	177 S.F.	1:300 S.F. (GROSS)	1
ACCESSORY RESTROOMS & PASSAGE	624 S.F.	0 (GROSS)	0

PROJECT SUMMARY

PHONE LINES: 25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE: 600 AMPS / 3 PHASE / 120-208 VOLT
GAS: 779,000 BTU/H

DESIGN CRITERIA

CURRENT ZONING B-2, COMMUNITY BUSINESS DISTRICT

FOR TACO BELL
USE/APPROVAL ONLY

BUILDING S.F.: 2,287 S.F.
SITE SIZE: 44,155 S.F.
PARKING COUNT: 33
INT. SEATING: 22
EXT. SEATING: 10
KIOSK COUNT: 4
D.M.B.: YES
DT DMP: YES
DT DPB: YES

REFER TO CIVIL DRAWINGS.

LEGAL DESCRIPTION

OWNER

YUM! BRANDS, INC.
1900 COLONEL SANDERS LANE
LOUISVILLE, KY 40213
CONTACT: STEVE PULCHEON
PHONE: 949.863.3864

CONSTRUCTION MANAGER

YUM! BRANDS, INC.
1900 COLONEL SANDERS LANE
LOUISVILLE, KY 40213
CONTACT: STEVE PULCHEON
PHONE: 949.863.3864

CIVIL ENGINEER

GPD ENGINEERING AND ARCHITECTURE, P.C.
520 S. MAIN STREET, SUITE 2531
AKRON, OH 44311
CONTACT: JOSHUA GRABER
PHONE: 330.572.2100

GEOTECHNICAL ENGINEER

INTERTEK - PSI
5021-A W. Wt HARRIS BLVD.
CHARLOTTE, NC 28269
CONTACT: ANDREW O. STEEGE
CONTACT: 704.598.2234

ARCHITECT

GPD ENGINEERING AND ARCHITECTURE, P.C.
520 S. MAIN STREET, SUITE 2531
AKRON, OH 44311
CONTACT: JOSHUA GRABER
PHONE: 330.572.2100

STRUCTURAL ENGINEER

GPD ENGINEERING AND ARCHITECTURE, P.C.
520 S. MAIN STREET, SUITE 2531
AKRON, OH 44311
CONTACT: JOSHUA GRABER
PHONE: 330.572.2100

M/E/P ENGINEER

GPD ENGINEERING AND ARCHITECTURE, P.C.
520 S. MAIN STREET, SUITE 2531
AKRON, OH 44311
CONTACT: JOSHUA GRABER
PHONE: 330.572.2100

SEWER

CITY OF SHELBY UTILITIES
CONTACT: CAMERON HOWELL
PHONE: 704.669.6554
EMAIL: CAMERON.HOWELL@CITYOFSHELBY.COM

WATER

CITY OF SHELBY UTILITIES
CONTACT: CAMERON HOWELL
PHONE: 704.669.6554
EMAIL: CAMERON.HOWELL@CITYOFSHELBY.COM

GAS

CITY OF SHELBY UTILITIES
CONTACT: CALE WRIGHT
PHONE: 704.669.2520
EMAIL: CALE.WRIGHT@CITYOFSHELBY.COM

ELECTRIC

DUKE ENERGY
CONTACT: TERESA HAMRICK
EMAIL: TERESA.HAMRICK@DUKE-ENERGY.COM

TELEPHONE

CLEAR CONNECT
CONTACT: HAYDEN HULL
PHONE: 303.974.7573
EMAIL: HAYDEN@CLEARCONNECTCO.COM

UTILITY CONTACTS

SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS

SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS

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ISSUE

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TITLE/GEN. CONDITIONS

T1.0 TITLE SHEET
T2.0 APPENDIX B
T2.1 APPENDIX B
G1.0 GREEN CHECKLIST SHEET
G2.0 TRASH ENCLOSURE DETAILS
G3.0 PEST PREVENTION GUIDE
G4.0 LIFE SAFETY PLAN
G4.1 SIGNAGE DETAILS

TITLE/SITE SHEET COUNT: 8

STRUCTURAL

S1.0 FOUNDATION PLAN
S2.0 WALL FRAMING PLAN
S3.0 ROOF FRAMING PLAN
S4.0 STRUCTURAL DETAILS
S4.1 STRUCTURAL DETAILS
S4.2 STRUCTURAL DETAILS
S4.3 STRUCTURAL DETAILS
S4.4 STRUCTURAL SECTIONS
S4.5 CANOPY PLAN & DETAILS
S5.0 CANOPY/AWNING BLOCKING ELEVATIONS

STRUCTURAL SHEET COUNT: 10

CIVIL

SEE CIVIL DRAWINGS FOR SHEET INDEX.

ARCHITECTURAL

A1.0 FLOOR PLAN
A1.1 DOOR & WINDOW ELEVATIONS & SCHEDULES
A2.0 EQUIPMENT AND SEATING PLAN
A2.1 EQUIPMENT SCHEDULE
A3.0 ROOF PLAN
A4.0 EXTERIOR ELEVATIONS
A4.1 EXTERIOR ELEVATIONS
A5.0 BUILDING SECTIONS
A5.1 BUILDING SECTIONS
A5.2 WALL SECTIONS
A5.3 WALL SECTIONS
A5.4 WALL SECTIONS
A6.0 CONSTRUCTION DETAILS ROOF
A6.1 CONSTRUCTION DETAILS DOOR/WINDOW
A6.2 CONSTRUCTION DETAILS WALL
A6.3 FINISH DETAILS
A6.4 CONSTRUCTION DETAILS INTERIOR
A6.5 CEILING DETAILS
A6.6 HARDIE BOARD DETAILS
A7.0 FLOOR FINISH PLAN
A7.1 REFLECTED CEILING PLAN
A7.2 FINISH SCHEDULE
A8.0 INTERIOR ELEVATIONS DINING ROOM
A8.1 INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN
A8.2 INTERIOR ELEVATIONS KITCHEN
A8.3 INTERIOR ELEVATIONS KITCHEN
A9.0 PATIO DETAILS

ARCHITECTURAL SHEET COUNT: 27

ACCESSIBILITY

ADA1.0 ACCESSIBILITY REQUIREMENTS
ADA1.1 ACCESSIBILITY REQUIREMENTS

ACCESSIBILITY SHEET COUNT: 2

MECHANICAL

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

MECHANICAL SHEET COUNT: 6

PLUMBING

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

PLUMBING SHEET COUNT: 6

ELECTRICAL

E1.0 SITE ELECTRICAL PLAN
E2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND
E2.1 ELECTRICAL SCHEDULES
E2.2 ELECTRICAL SCHEDULES
E3.0 ELECTRICAL POWER PLAN
E3.1 ENLARGED POWER PLAN AND DETAILS
E3.2 ELECTRICAL POWER ROOF PLAN
E4.0 LIGHTING PLAN AND DETAILS
E5.0 COMMUNICATIONS PLAN
E6.0 ELECTRICAL DETAILS - TBCCB
E6.1 ELECTRICAL DETAILS - TBCCB
E7.0 ELECTRICAL DETAILS
E7.1 ELECTRICAL DETAILS
E8.0 PHOTOMETRIC PLAN

ELECTRICAL SHEET COUNT: 14

SCOPE OF WORK

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

SCOPE OF WORK SHEET COUNT: 5

SPECIFICATIONS

IN BOOK FORMAT



GPD Engineering and Architecture
Professional Corporation - 52715

520 S. MAIN STREET, SUITE 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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DATE	REMARKS
07.11.22	Issued for Permit
09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
TITLE SHEET

T1.0

PLOT DATE: 9/27/2022 9:50:35 AM

2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Taco Bell
Address: 2005 East Dixon Blvd., Shelby, NC 28152 Zip Code
Owner/Authorized Agent: Steve Pulcheon Phone # (949) 863 - 3864 E-Mail steve.pulcheon@yum.com
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☒ City Shelby ☐ County ☐ State

CONTACT: GPD Engineering and Arch. Pro Corp. Josh Graber, (330)572.2100 jgrabr@gpdgroup.com.					
DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	GPD	Mark Salopek	10433	(330) 572.2100	jgrabr@gpdgroup.com
Civil	GPD	Leonardo Sterro	043551	(330) 572.2100	jgrabr@gpdgroup.com
Electrical	GPD	Steven Schaub	040102	(330) 572.2100	jgrabr@gpdgroup.com
Fire Alarm	N/A			()	
Plumbing	GPD	Brandon Marzley	41099	(330) 572.2100	jgrabr@gpdgroup.com
Mechanical	GPD	Brandon Marzley	41099	(330) 572.2100	jgrabr@gpdgroup.com
Sprinkler-Standpipe	N/A			()	
Structural	GPD	John Kabak	38136	(330) 572.2100	jgrabr@gpdgroup.com
Retaining Walls >5' High	N/A			()	
Other	N/A			()	

("Others" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC CODE FOR: ☒ New Construction ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core
☐ Phased Construction – Shell/Core
☐ Renovation
2018 NC EXISTING BUILDING CODE: ☐ Prescriptive ☐ Repair ☐ Chapter 14
Alteration: ☐ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use
CONSTRUCTED:(date) **ORIGINAL OCCUPANCY(S)** (Ch. 3):
RENOVATED: (date) **CURRENT OCCUPANCY(S)** (Ch. 3):
RISK CATEGORY (table 1604.5) **Current:** ☐ I ☒ II ☐ III ☐ IV
Proposed: ☐ I ☐ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ☐ II-B ☐ III-B ☒ V-B
Sprinklers: ☒ No ☐ Partial ☐ Yes ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
Fire District: ☒ No ☐ Yes (Primary) **Flood Hazard Area:** ☒ No ☐ Yes
Special Inspections Required: ☐ No ☒ Yes

2018 NC Administrative Code and Policies

Appendix B for Building

Gross Building Area:				
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	RENO/ALTER (SQ.FT)	SUB-TOTAL
6 th Floor				
5 th Floor				
4 th Floor				
3 rd Floor				
2 nd Floor				
Mezzanine				
1 st Floor		2287		2287
Basement				
TOTAL		2287		2287

ALLOWABLE AREA
Primary Occupancy Classification: SELECT ONE
Assembly ☐ A-1 ☒ A-2 ☐ A-3 ☐ A-4 ☐ A-5
Business ☐
Educational ☐
Factory ☐ F-1 Moderate ☐ F-2 Low
Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 Condition ☐ 1 ☐ 2 ☐ 2 ☐ 2
☐ 1-2 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ 1-3 Condition ☐ 1
☐ 1-4
Mercantile ☐
Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
Storage ☐ S-1 Moderate ☐ S-2 Low ☐ High-piled
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
Utility and Miscellaneous ☐
Accessory Occupancy Classification(s): N/A
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections) N/A
Special Provisions: (Chapter 5 – List Code Sections): N/A
Mixed Occupancy: ☒ No ☐ Yes Separation: _____ Hr. Exception: _____
☐ Non-Separated Use (508.3)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
☐ Separated Use (508.4) -
See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$+ + \dots = \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2.4 AREA	(C) AREA FOR FRONTAGE INCREASE ^{1,5}	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
1	A-2	2287	6000	0	6000

- ¹ Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase $I_F = 100 [F/P - 0.25] \times W/30 = \text{_____} (\%)$
² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
⁴ The maximum area of open parking garages must comply with Table 406.5.4
⁵ Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE (TABLE 503)	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	40'	23'-0"	
Building Height in Stories (Table 504.4)	1	1	

- ¹ Provide code reference if the "Show on Plans" quantity is not based on Table 504.3 or 504.4.
² The maximum height of air traffic control towers must comply with Table 412.3.1
³ The maximum height of open parking garages must comply with Table 406.5.4

2018 NC Administrative Code and Policies

Appendix B for Building

FIRE PROTECTION REQUIREMENTS							
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (W/ REDUCTION) *	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	0	0					
Bearing Walls							
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North							
East							
West							
South							
Interior walls and partitions							
Floor Construction including supporting beams and joists							
Floor Ceiling Assembly							
Column Supporting Floors							
Roof Construction, including supporting beams and joists							
Roof Ceiling Assembly							
Column Supporting Roof							
Shaft Enclosures - Exit							
Shaft Enclosures - Other							
Corridor Separation							
Occupancy/Fire Barrier Separation							
Party/Fire Wall Separation							
Smoke Barrier Separation							
Smoke Partition							
Tenant Dwelling Unit/ Sleeping Unit Separation							
Incidental Use Separation							

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET FROM PERPETRY LINES)	DEGREES OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
91'	UP, NS	NO LIMIT	4%

2018 NC Administrative Code and Policies

Appendix B for Building

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AKRON, OH 44311
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LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☐ No ☒ Yes
Exit Signs: ☐ No ☒ Yes
Fire Alarm: ☒ No ☐ Yes
Smoke Detection Systems: ☐ No ☐ Yes ☒ Partial RTU
Carbon Monoxide Detection: ☒ No ☐ Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G4.0

- ☐ Fire and/or smoke rated wall locations (Chapter 7)
☐ Assumed and real property line locations (if not on the site plan)
☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)
☒ Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
☒ Occupant loads for each area
☒ Exit access travel distances (1017)
☒ Common path of travel distances (1006.2.1 & 2006.3.2(1))
☒ Dead end lengths (1020.4)
☒ Clear exit widths for each exit door
☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
☒ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation and supporting construction for a fire barrier/fire partition/smoke barrier.
☒ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification 1-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

Section/Table/Note	Title

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A							

ACCESSIBLE PARKING

2018 NC Administrative Code and Policies

Appendix B for Building

(SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED			TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	8' ACCESS AISLE	
44,155	19	33	2			2
TOTAL	19	33	2			2

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS			URINALS		LAVATORIES			SHOWERS / TUBS		DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX			MALE	FEMALE	UNISEX			REGULAR	ACCESSIBLE
SPACE	EXIST'G	1	1		0		1	1	0	0		0	0
	NEW REQ'D												

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SCO, DPI, DHHS, ICC, etc., describe below)

DATE	REMARKS
07.11.22	Issued for Permit
09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
APPENDIX B

T2.0

PLOT DATE: 9/27/2022 9:50:36 AM

2018 NC Administrative Code and Policies

Appendix B for Building



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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CHECK LIST NUMBER EXPLANATION:

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

1. GO TO THE REFERENCE VERSION OF THE YUM BLUELINE WEBSITE AT: WWW.YUMBLUELINE.COM
2. IN THE "USER" SECTION CHOOSE "GENERAL" FROM THE PULL DOWN MENU
3. IN THE "PASSWORD" SECTION TYPE IN "J212J*KLAI"

P = INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS

* = INDICATES OPTIONAL ITEMS

P = INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS

* = INDICATES OPTIONAL ITEMS

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<p>FORMALDHYDE MAXIMUM</p> <p>PRODUCT</p> <ul style="list-style-type: none"> • HARDW • HARDW • PARTIC • MEDIUM • THIN M <p>1. VALUE</p> <p>TOXIC</p> <p>2. THIN M</p>
		<input type="checkbox"/>	<input type="checkbox"/>
			<p>VOC CONTENT GRAMS OF</p> <p>SPECIALTY</p> <ul style="list-style-type: none"> • ROOF • RUST P • SHELL • CL • OF • SPECIA • STAINS • STONE • TRAFFI • TUB & • WATER • WOOD • WOOD • ZINC-R <p>1. GRAMS</p> <p>2. THE SPEC</p> <p>TABLE</p> <p>3. VALUE</p> <p>ARCHIT</p> <p>FROM</p> <p>COATING</p> <ul style="list-style-type: none"> • FLAT C • NON-F • NON-F <p>SPECIAL</p> <ul style="list-style-type: none"> • ALUMIN • BASEM • BITUMI • BITUMI • BOND • CONCR • CONCR • DRIVEV • DRY FO • FIRE R • FLOOR • FORM- • HIGH T • INDUS • LOW S • MAGNE • MASTIC • PRETR • PRIMER • REACT
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<p>43.1 CONT</p> <p>A.</p> <p>B.</p> <p>45.1 THER</p> <p>INSURE TH</p> <p>ST</p> <p>OC</p> <p>UN</p>
		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<p>46.1 THER</p> <p>A. SU</p> <p>B. CO</p> <p>C. CO</p> <p>C. CO</p> <p>48.1 LEED</p> <p>EACH CON</p> <p>49.1 COMM</p> <p>COMMISSI</p> <p>DESIGN SO</p> <p>IS ALSO IN</p> <p>A. TH</p> <p>INF</p> <p>SIT</p> <p>B. TH</p> <p>TH</p>

	FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
				37.1 RECYC A. AC B. LA
				37.2 COOK COLLECT U
				37.3 CARD COLLECT U
				38. AIR VE 1. 2.
				39.1 NO SH A. B.
				41.1 PROT GC TO PRO REQUIRED A. B. C. D. E.
				42. LOW E FIN ADHESIVE REQUIR OR AIF 1. 2.
				PAINTS AEROSOL VERIFI SHALL 1. 2.
				ADHESIVE ARCHIT • CERAM • DRYWA • MULTI- • SINGLE SPECIA • PVC WI • CPVC WI • ABS WI • PLASTI • ADHES • CONTA • SPECIA • STRUC • TOP & SUBST • METAL • PLASTI • POROU • WOOD • FIBER SEALA (LESS V SEALA • ARCHIT • MARIN • NON-M • ROADW • SINGLE • OTHER SEALA • ARCHIT • MODIF • MARIN • OTHER

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>			1.3 CONTACT IF YOU
<input type="checkbox"/>			1.4 LOCATE COMM
<input type="checkbox"/>			1.5 PAY UT IF SITE WILL A
<input type="checkbox"/>			2.2 PROXI SITE IS
	P	<input type="checkbox"/>	3.0 BICYC PROVID STORA
<input type="checkbox"/>	<input type="checkbox"/>		5.1 PARKIN DO NO
	P	<input type="checkbox"/>	7.2 WHITE PROVID
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.0 CONS A. B. C. D. E. F. G. H. I. J. K.
	P	<input type="checkbox"/>	10.2 BUILD PROVID
	P	<input type="checkbox"/>	11.2 PROOC ALL WA
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12.1 LAND ALL LA PLANS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13.1 IRRIG A. B. C. D. E.
	P	<input type="checkbox"/>	15.3 INTER THE CU
	P	<input type="checkbox"/>	16.2 EXTER THE CU
	P	<input type="checkbox"/>	17.2 SIGN THE CU
	P	<input type="checkbox"/>	18.1 EXHAH THE CU RESTA
	P	<input type="checkbox"/>	19.1 LICEN USE A
	P	<input type="checkbox"/>	19.2 OPTIM OPTIM
	P	<input type="checkbox"/>	20.0 HVAC USE TH RESTA
	P	<input type="checkbox"/>	21.0 ECON USE A PROTC
	P	<input type="checkbox"/>	22.1. HOT US
	P	<input type="checkbox"/>	23.1 REFRIG DO
	P	<input type="checkbox"/>	24.1 REFRIG A. B. C. D. E.
	P	<input type="checkbox"/>	25.1 COOK A. B.
	P	<input type="checkbox"/>	28.1 BASIC A. B. C. D. E.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28.3 OCCU PROVID
	P	<input type="checkbox"/>	33.1 RECYC USE M
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36.1 CONS A. BL B. M N

1. CONTAMINATED SITES (OPTIONAL)
IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX.

1.4 LOCATION COMMITMENT (REQUIRED)
COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE.

1.5 PAY UTILITIES DIRECTLY (REQUIRED)
IF SITE IS LEASED INSURE THAT TACO BELL WILL PAY THE UTILITIES DIRECTLY RATHER THAN ALLOWING THE LANDLORD TO PAY THEM. THIS WILL ALLOW TACO BELL TO TRACK UTILITY EXPENSES EASILY.

2.2 PROXIMITY TO BUS STOP (OPTIONAL)
SITE IS WITHIN 1/4 A MILE OF A BUS STOP.

3.0 BICYCLE FACILITIES (REQUIRED)
PROVIDE DEDICATED BICYCLE LOCKABLE PARKING FOR A MINIMUM OF TWO BICYCLES. PROVIDE CHANGING AREA AND LOCKABLE STORAGE FOR A MINIMUM OF TWO PEOPLE. SINGLE OCCUPANCY TOILET ROOMS WILL SUFFICE AS A CHANGING AREA.

5.1 PARKING (OPTIONAL)
DO NOT EXCEED PARKING SPACES REQUIRED BY LOCAL ZONING. SEE CREDIT 5. PROVIDE 5% PREFERRED PARKING FOR CARPOOL.

7.2 WHITE ROOF (REQUIRED)
PROVIDE WHITE PVC SINGLE MEMBRANE ROOF MATERIAL.

9.0 CONSTRUCTION POLLUTION CONTROL (REQUIRED)
A. CONSTRUCTION POLLUTION CONTROL PLAN.
B. SILT FENCING
C. SITE VEHICULAR ACCESS
D. WHEEL WASHING
E. COVERED LOADS
F. EXCAVATED SOIL STORAGE
G. STORM WATER DRAIN, TRENCH AND PIT DRAIN PROTECTION
H. TEMPORARY DIVERSION DITCHES AND BERMS
I. DUST CONTROL
J. EXPOSED SLOPE EROSION CONTROL
K. WEEKLY CONTRACTOR INSPECTION

10.2 BUILDING WATER (REQUIRED)
PROVIDE PLUMBING FIXTURES AS SPECIFIED IN THE PROTOTYPE DRAWINGS, SPECIFICATIONS AND EQUIPMENT MODEL.

11.2 PROCESS WATER (REQUIRED)
ALL WATER USING EQUIPMENT SPECIFIED IN THE PROTOTYPE EQUIPMENT SCHEDULE SHALL BE USED FOR ALL GROUND-UP RESTAURANTS

12.1 LANDSCAPE DESIGN (REQUIRED)
ALL LANDSCAPE DESIGNS FOR NEW GROUND-UP RESTAURANTS SHALL FOLLOW THE LANDSCAPE STANDARDS POSTED ON THE PLANS.YUM.COM WEBSITE.

13.1 IRRIGATION WATER (REQUIRED) SEE LANDSCAPE SPECIFICATIONS
A. PROGRAMMABLE IRRIGATION CONTROLLER.
B. SEPARATE IRRIGATION ZONES
C. PROGRAM MAXIMUM IRRIGATION TIMING
D. HIGH-EFFICIENCY IRRIGATION SPRINKLER HEADS
E. RAIN SENSOR

15.3 INTERIOR LIGHTING (REQUIRED)
THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

16.2 EXTERIOR LIGHTING (REQUIRED)
THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

17.2 SIGN ILLUMINATION (REQUIRED)
THE CURRENT SIGNAGE SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

18.1 EXHAUST HOODS (REQUIRED)
THE CURRENT 6'-3" BACK SHELF HOOD DESIGN AND EQUIPMENT PLACEMENT AS SHOWN IN THE GROUND-UP PROTOTYPE RESTAURANT SHALL BE USED.

19.1 LICENSED HVAC ENGINEER (REQUIRED)
USE A LICENSED HVAC ENGINEER FOR SYSTEM SITE ADAPTATION.

19.2 OPTIMIZE HVAC DESIGN (REQUIRED)
OPTIMIZE HVAC DESIGN SYSTEM PER YUM BLUELINE STANDARDS

20.0 HVAC EFFICIENCY (REQUIRED)
USE THE STANDARD HIGH EFFICIENCY (MINIMUM EER 12.0) RTU AS SPECIFIED AND INSTALL PER THE CURRENT PROTOTYPE GROUND UP RESTAURANT.

21.0 ECONOMIZER PERFORMANCE (REQUIRED)
USE A FACTORY PROVIDED ECONOMIZER WITH DIFFERENTIAL CONTROLS INTEGRAL TO AND COMPATIBLE WITH THE RTUS SPECIFIED IN THE PROTOTYPE PLAN.

22.1. HOT WATER EFFICIENCY (REQUIRED)
USE THE WATER HEATER SPECIFIED IN THE TACO BELL PROTOTYPE.

23.1 REFRIGERANTS (REQUIRED)
DO NOT USED BANNED REFRIGERANTS. IF YOU USE ANY MODERN RTU YOU WILL NOT USE BANNED REFRIGERANTS

24.1 REFRIGERATION (REQUIRED)
A. USE THE CURRENT SPECIFIED WALK-IN COOLER/FREEZER. SEE CREDIT 24
B. USE THE CURRENT SPECIFIED REACH-IN FREEZER. SEE CREDIT 24
C. USE THE CURRENT SPECIFIED ICE MAKERS. SEE CREDIT 24

25.1 COOKING & WASHING EQUIPMENT (REQUIRED)
A. USE THE CURRENT SPECIFIED FRYER IN THE PROTOTYPE.
B. USE THE CURRENT SPECIFIED 3-COMP SINK IN THE PROTOTYPE.

28.1 BASIC LIGHTING & THERMAL CONTROLS (REQUIRED)
A. PROVIDE PROGRAMMABLE THERMOSTAT SPECIFIED IN THE PROTOTYPE
B. PROVIDE TEMPERATURE SENSOR LOCATIONS AND SPECIFICATIONS ON PLAN
C. INSURE PROPER OPERATION OF VENTILATION EQUIPMENT OPERATIONS
D. PROVIDE LIGHTING CONTROLS FOR INTERIOR ZONES
E. PROVIDE LIGHTING CONTROLS FOR EXTERIOR ZONES.

28.3 OCCUPANCY SENSORS (OPTIONAL)
PROVIDE ULTRASONIC/INFRARED OCCUPANCY SENSORS FOR 25% OR MORE OF INTERIOR LIGHTING.

33.1 RECYCLED CONTENT (REQUIRED)
USE MATERIALS THAT HAVE A MINIMUM OF 10% RECYCLED MATERIALS. (NOTE: GETTING THE CALCULATIONS IN PROCESS)

36.1 CONSTRUCTION WASTE MANAGEMENT (REQUIRED)
A. THE CONTRACTOR SHALL RECYCLE A MINIMUM OF 50% OF ALL CONSTRUCTION WASTE AND PROVIDE RECORDS PER YUM BLUELINE. 75% IS PREFERRED.
B. THE GENERAL CONTRACTOR SHALL PROVIDE A CONSTRUCTION WASTE MANAGEMENT PLAN TO THE CONSTRUCTION MANAGER WITH THEIR BID SUBMITTAL. THEY CAN USE THE STARTER FORM POSTED ON THE PLANS.YUM.COM WEBSITE IN THE GREEN PLANNING BOOK SECTION.

	DATE	REMARKS
	07.11.22	Issued for Permit
	09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



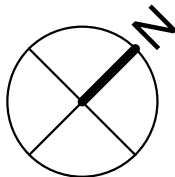
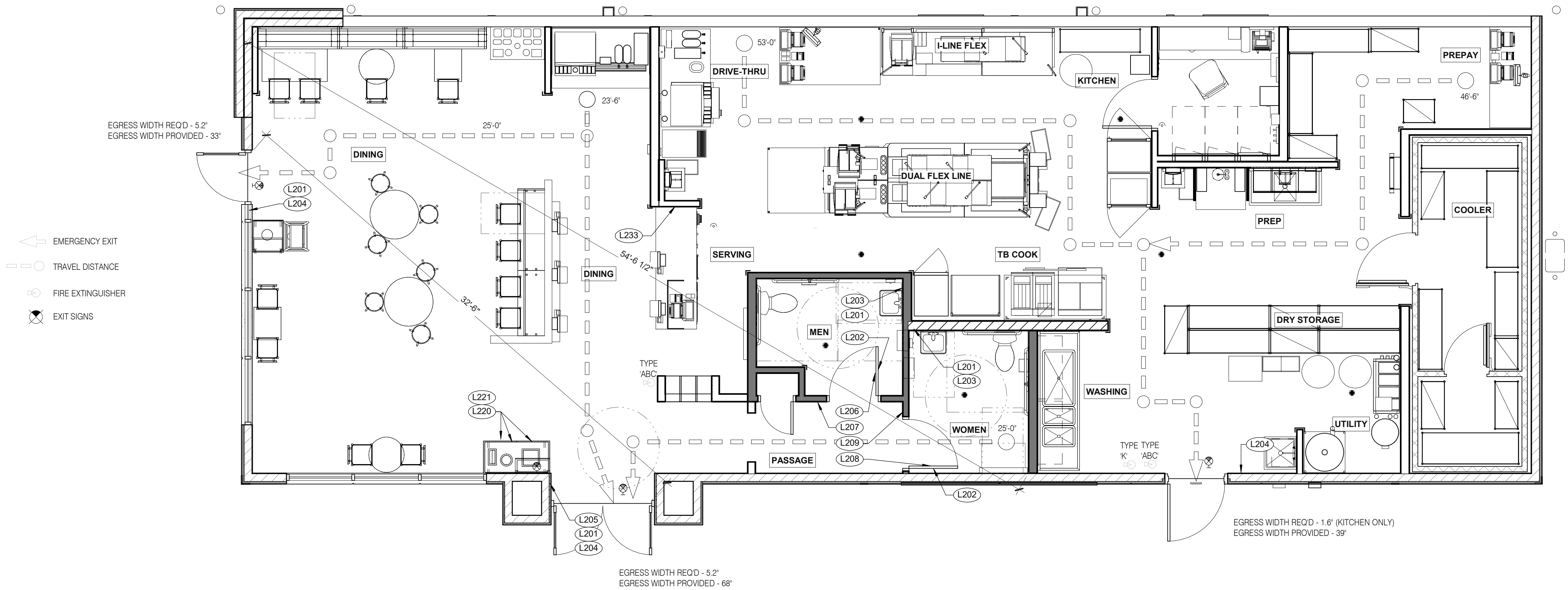
ENDEAVOR 2.0 GREEN CHECKLIST SHEET

G1.0

PLOT DATE: 9/27/2022 9:50:24 AM



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LIFE SAFETY PLAN 1/4" = 1'-0" 1

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	48" MIN. A.F.F. 60" MAX. 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.	3	1 at each exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	8'-0" to center of sign	1	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 male 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

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

STANDARD REQUIRED SIGNAGE

3

NOT USED

2

DATE	REMARKS
07.11.22	Issued for Permit
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CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
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TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
LIFE SAFETY
PLAN

G4.0

PLOT DATE: 9/27/2022 9:50:30 AM

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LANDFILL

COMPOST

RECYCLE

3 STREAM TRASH 1 - BIN LABELS (L220) 13

WOMEN RESTROOM WHITE SIGN (L208) 9

EXIT BRAILE SIGN (L204) 5

NO SMOKING SIGN (L201) 1

LANDFILL

PLASTIC, METAL, GLASS

PAPER

3 STREAM TRASH 2 - LABELS (L221) 14

WOMEN RESTROOM BRAILLE SIGN (L209) 10

OCCUPANCY SIGN (L205) 6

MEN RESTROOM WHITE SIGN (L206) 7

CLEAN RESTROOM SIGN (L202) 3

IF YOU NEED ASSISTANCE (L233) 12

MEN RESTROOM BRAILLE SIGN (L207) 8

HAND WASH NOTICE SIGN (L203) 4

GPD Engineering and Architecture
Professional Corporation - 52715

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TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152

ENDEAVOR 2.0
SIGNAGE
DETAILS

G4.1

PLOT DATE: 9/27/2022 9:50:32 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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TITLE	DESCRIPTION	SUPPLIER	MANUFACTURER'S MODEL	A&D ITEM #	ORDERED BY	SHIPPED BY	INSTALLED BY	SHOP DRAWINGS
6200	Roof Access Ladder & Hatch	Precision	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)	DIS	DIS	GC	
8341	Door - Security	LockNet	DU3670L52VED	-	RSCS	RSCS	GC	
10290-1	Air Curtain (D/T Window)	Marley	E2400-1115FG	B-151	DIS	DIS	GC	
10290-2	Air Curtain (Service Door)	Marley	E4200-1175	B-150	DIS	DIS	GC	
	Exterior Digital Menu Board & Optional Digital Preview Board	Everbrite		-	CM (Company), CM or DIS (Franchise)	Manufacturer	GC - Foundation and Conduit Sign Vendor DMB Ins	X
		Stratacache			DIS	Manufacturer	GC	
	Interior Menuboard	VGS						
	Digital Menu Board	Stratacache	-	-				
10430	Signage (Bldg Signs, Road Signs, Directional Signs)	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
		Everbrite (Preferred Supplier)	VARIES	VARIES				
		AGI						
10536	Canopies	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS (Franchise)	Manufacturer	Manufacturer (Local Installer)	X
		Everbrite (Preferred Supplier)	VARIES	VARIES				
		AGI						
10810	Restroom Accessories	Accuserv	VARIES	F-452 (if indicated in plan set), B-241, B-265, B-275, B-290 (where occurs), B-291 (where occurs), B-300, B-305, B-405, B-410	DIS	DIS	GC	
11020-1	Safe	Brinks	Tidel Series 4 (duel single note validator, standard side vault)	F-174	CM	BRINKS	BRINKS	
11020-2	Security System	Tyco	-	-	CM	Manufacturer	GC	X
11030-1	Drive-thru Window	Quikserv	QKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
11030-3	Drive-thru Clearance Bar	Cummings Signs	-	-	CM	Manufacturer	GC	
		Everbrite (Preferred Supplier)	-	-				
		AGI	-	-				
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171	-	Manufacturer	Manufacturer	GC	
11100-3	P.O.S.	IBM	-	VARIES	TB / IT	Manufacturer	SSP	X
		NCR	-	VARIES				
		PAR	-	VARIES				
11100-4	Credit Card Payment System	Hughes Network Systems	-	-	TB / IT	Manufacturer	SSP	
11300-1	Order Confirmation Board (OCB)	Delphi Display Systems	P6YUC5STDUSV1S; P6YOC5STDUSEN1S	-	DIS	DIS	GC (see Scope of Work notes)	
		Hyperactive	TDMHX2H01TCB;TDMHX1H26	L-090				
		Texas Digital	AVNGE60	L-095				
11300-2	Drive-thru Speaker & Microphone	HME	C400005HS3TB; C11422TB	U-011; S-204	DIS	Manufacturer	GC	
		3M Food Services Trad Dept	78691149153; G55HSSINGLE	-				
11300-4	DT Canopy	Cummings Signs	-	V-350	CM, Franchisee or DIS on behalf of Franchisee	Manufacturer	GC (see Scope of Work notes)	X
		Everbrite (Preferred Supplier)						
		AGI						
11400-1	Kitchen Equipment	N. Wasserstrom (Franchise only)	VARIES	VARIES	DIS	DIS	GC (see General Comments)	X
		RSCS (Preferred Supplier)	VARIES	VARIES				
11400-5	GTO with EVO Production Line	Delfield	VARIES	VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	X
		Duke	VARIES	VARIES				
		Carter Hoffman (EvO cabinets)	VARIES	VARIES				
11405-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S.	VARIES	VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	X
		Norlake	VARIES	VARIES				
11425	Exhaust Hoods	Stratovent (preferred supplier)	VARIES	VARIES	DIS	DIS	GC	X
		Gaylord Industries (Boiler hood)	VARIES	VARIES				
		Randell (alternate supplier)	VARIES	VARIES				
11430-2	Drink Dispensers / Line Sets	Pepsi	-	-	RSCS	Pepsi	Pepsi (Local installer)	
11435-6	Ice Machines	Manitowoc Ice Inc & Hoshisaki	Manitowac SY-1474C	S-513	DIS	Manufacturer	Manufacturer (Local Installer)	
11680	Office Computer (Taco System)	En Pointe Global Services	VARIES	F-040, F-060	TB / IT	SSP	SSP	
12100-1	Artwork	GFX	VARIES	-	DIS	DIS	GC	
		VGS						
		Creative Palette						
12400-5	Décor	Custom Seating (Company Supplier, base décor)	VARIES	-	DIS	DIS	GC	X
		FCI (Company Supplier, base décor)	VARIES	-				
		IDX	VARIES	-				
12430	Fruitista Machine	Equipment Delivery, Install and Activation	VARIES	VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	
		FBD Equipment Manufacturer	VARIES	VARIES				
		Cornelius	VARIES	VARIES				
		Taco Bell Engineering	VARIES	VARIES				
12440	Iced Tea	Pepsi	E56150000	S-546	DIS	Supplier	GC / Supplier	
13200	CO2 - Bulk	MVE (bulk tank)	VARIES	S-580	DIS	DIS	Manufacturer (Local Installer)	
		NU CO2 (CO2 and service)	VARIES	S-580				
13700-4	CCTV	MARTCO	-	-	RSCS	MARTCO	MARTCO	X
13800-1	Energy/Building Management System	Air Care Experts	TBCCB-Varies	-	DIS	DIS	GC	
		Air Care Experts	TBCCB-Varies	-	DIS	DIS	GC	
13800-2	Hood Shutdown System	Air Care Experts	TBANS	-	Contractor	Air Care	GC	
13900-1	Fire Suppression System	Ansul	-	-	GC	GC	GC (Local Installer)	
15410	Hand Sinks	Aero	HS-Mod	N-053	DIS	DIS	GC	
15470-5	Water Filter	Shurflo	WB6-M3-22-003	-	DIS	Manufacturer	GC (see Vendor Scope - Pepsi Drink System)	
15480-3	Water Heater	AO Smith (standard)	AO Smith BTH-120 (standard)	B-215	RSCS	RSCS	GC	
		Bradford White (alternate)	-	B-215				
		-	-	-	RSCS	RSCS	GC	
15500-1	Water softener	-	-	-	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
	HVAC - Test and Balance	-	-	-				
		Melink Corp/	-	-				
		Air Care Experts	-	-				
15500-2	Commissioning	Air Care Experts	-	-				
15500-3	Visual Verification	Air Care Experts	-	-	GC	Air Care Experts	GC	
15700-1	HVAC	Trane (Franchisee Only)	VARIES	-	GC	Manufacturer	GC	X
		Lennox (Company and Franchisee Stores)	VARIES	-				
		York International (Franchisee Only)	VARIES	-				
16300-1	Switchgear - Franchisee	Accuserv	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	X
		Capital Lighting	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	
16300-2	Switchgear - Company	Capital Lighting	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	X
		Accuserv	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	
16500	Light Fixtures - Interior and Building	Capital Lighting	VARIES	-	DIS	DIS	GC	X
		Accuserv (all lighting except BOH & restrooms)	VARIES	-				
16520	Light Fixtures - Site	Capital Lighting	VARIES	-	DIS	DIS	GC	
		Accuserv	VARIES	-	DIS	DIS	GC	
16720	Telephone Communications	YUM! Telecom (Company stores)	-	-	TB	Manufacturer	Manufacturer (Local Installer)	X
		By owner through local phone service provider (franchise)	-	-	Franchisee	Manufacturer	Manufacturer (Local Installer)	
16820-3	Music System	Mood Media	-	F-131	TB	Manufacturer	Manufacturer (Local Installer)	X
	Coffee Brewer	Bunn	42300.0008	S-547	RSCS	RSCS	GC	
	Floor and Wall Tile	Creative Materials	-	-	GC	Manufacturer	GC	X

DATE	REMARKS
07.11.22	Issued for Permit
09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

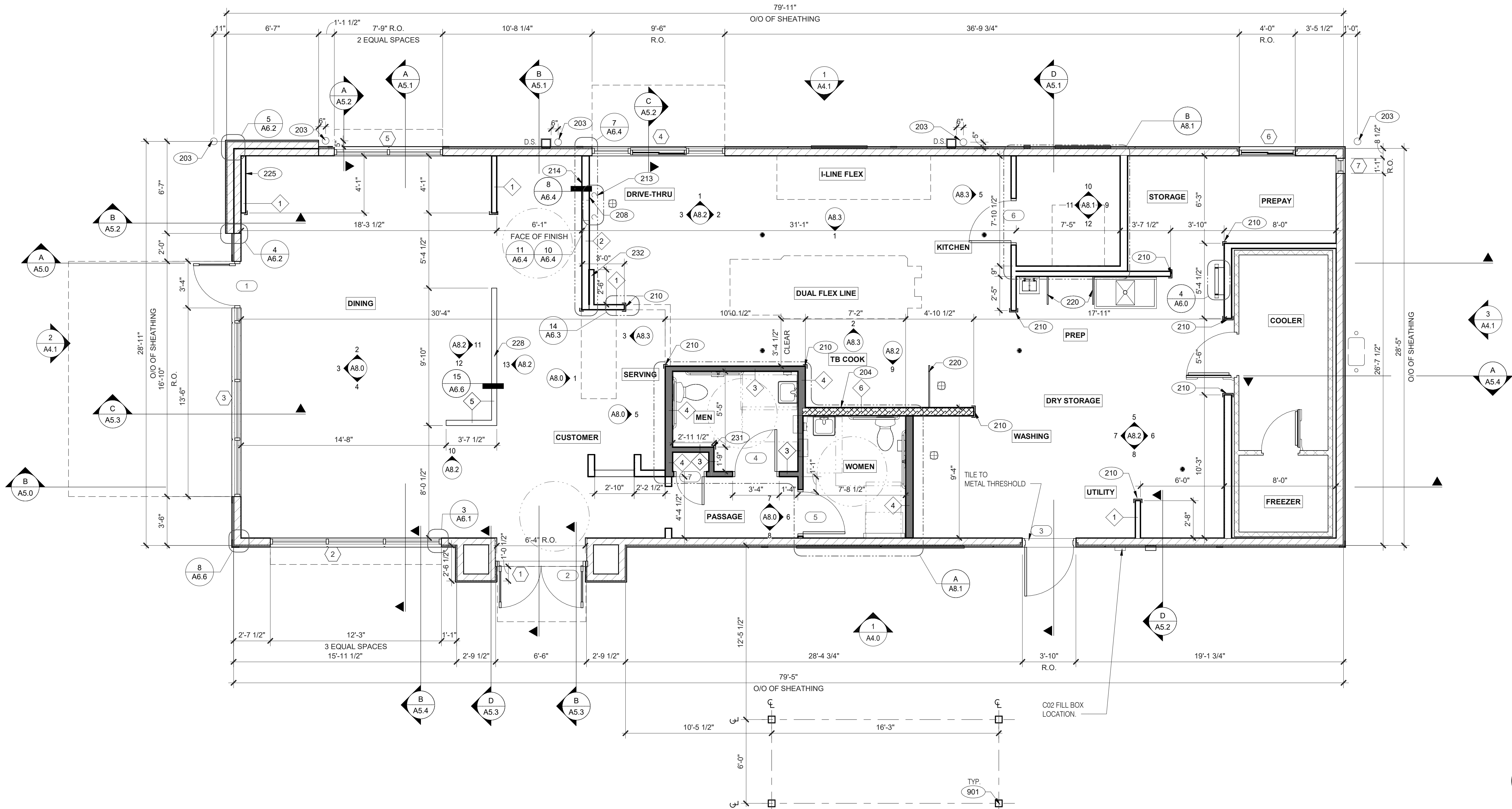
2005 East Dixon Blvd.
Shelby, NC 28152



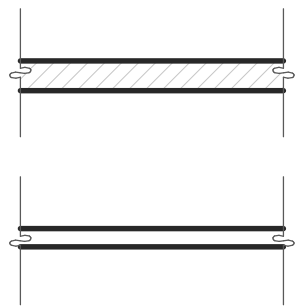
ENDEAVOR 2.0
SCOPE OF
WORK

SW1.0

PLOT DATE: 9/27/2022 9:50:33 AM



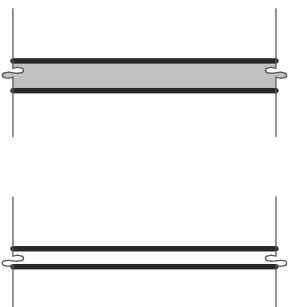
FLOOR PLAN 1/4" = 1'-0" **1**



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

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

- 1 2X4 WOOD STUDS
2 2X6 WOOD STUDS



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

- 3 2X4 WOOD STUDS 4 2X6 WOOD STUDS

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

- 5 2X4 WOOD STUDS

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

- 6 6" METAL STUD
DASHED LINE INDICATES INTERIOR SUBSTRATE LOCATION.

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

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

WALL LEGEND

DIMENSIONS:

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

WINDOWS / DOORS:

- A. SEE SHEET A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.
B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

FINISH SUBSTRATES:

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

DECOR:

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

GENERAL:

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

FLOOR PLAN NOTES

- 203 PIPE BOLLARD. SEE CIVIL DRAWINGS.
204 HOOD WALL. SEE WALL LEGEND.
208 KEEP CLEAR FOR UTILITIES & SYRUP LINES.
210 S.S. CORNER GUARD/WALL CAP [TM-2], TYP. ALL CORNERS IN BACK OF HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. SEE DETAIL 14/A6.3.
213 SYRUP LINE CHASE (ABOVE).
214 14"x14" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER.
220 SPLASH GUARD. SEE DETAIL 9/A6.3.
225 FUR OUT WALL AS INDICATED WITH 2X4 WOOD STUDS AT 16" O.C.
228 LOW WALL. BY G.C. COORDINATE WITH STRUCTURAL DRAWINGS
231 CORNER GUARD TILE SCHLUTER. SEE DETAIL 15/A6.3.
232 FURR OUT WALL W/ 2X4 WOOD STUDS BEHIND HAND SINK.
901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.

KEY NOTES

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



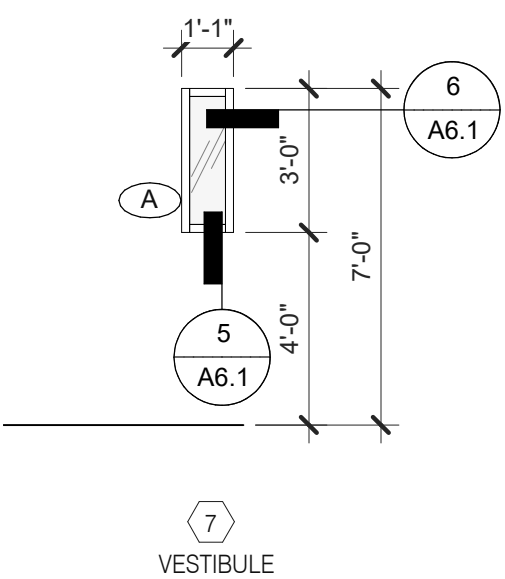
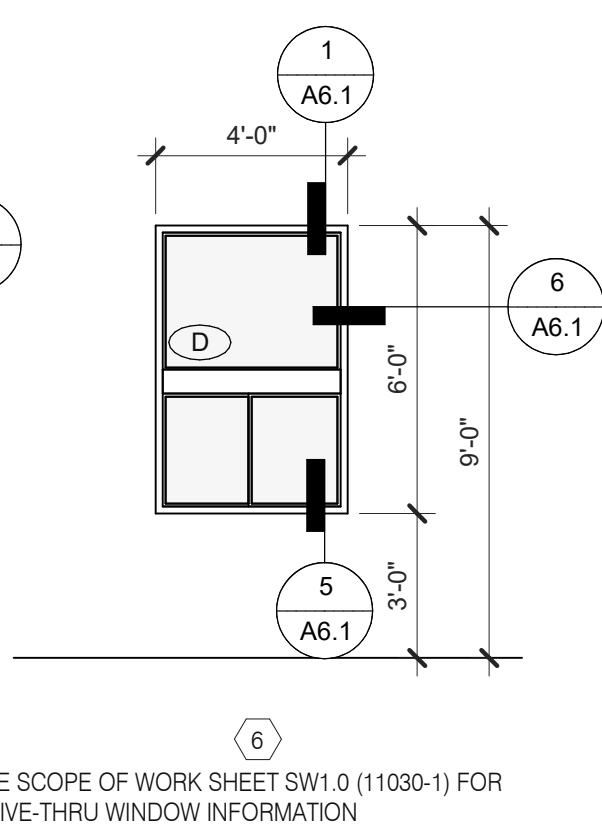
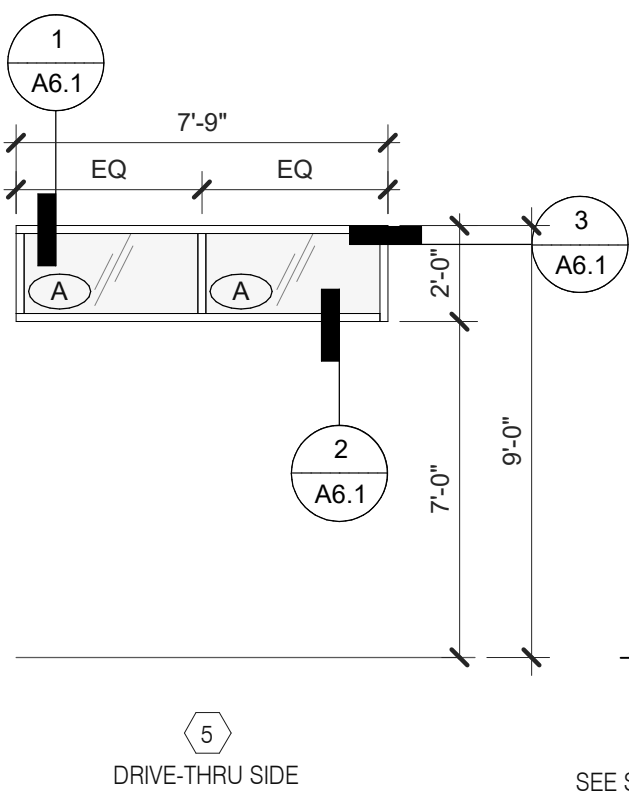
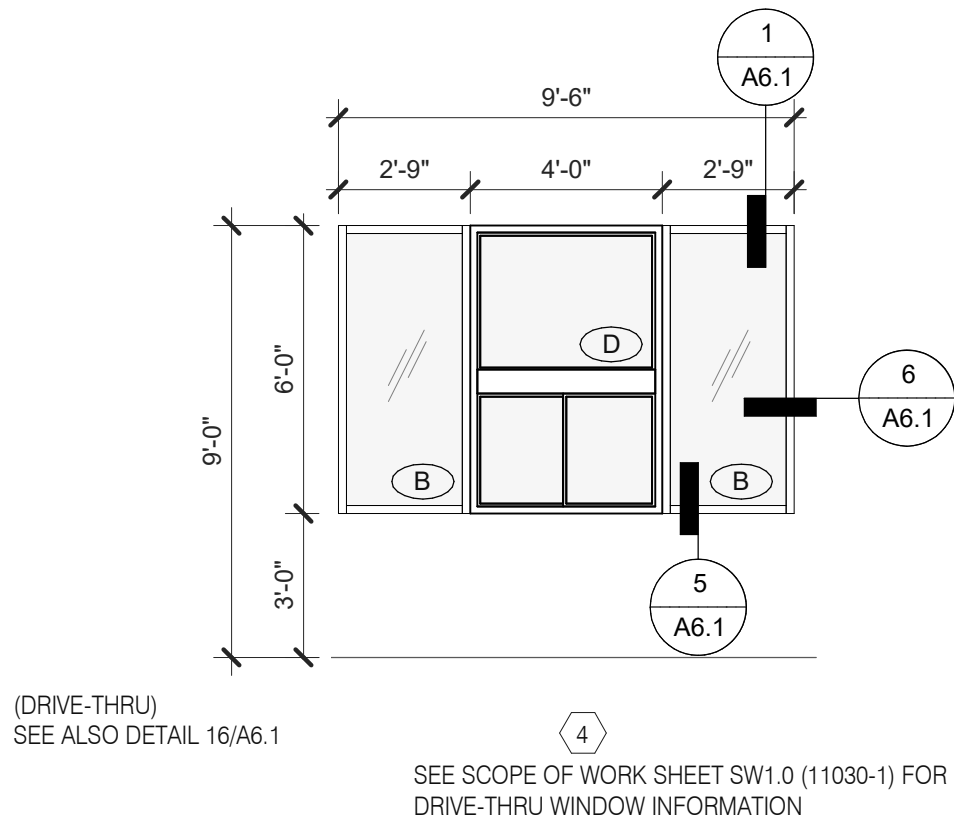
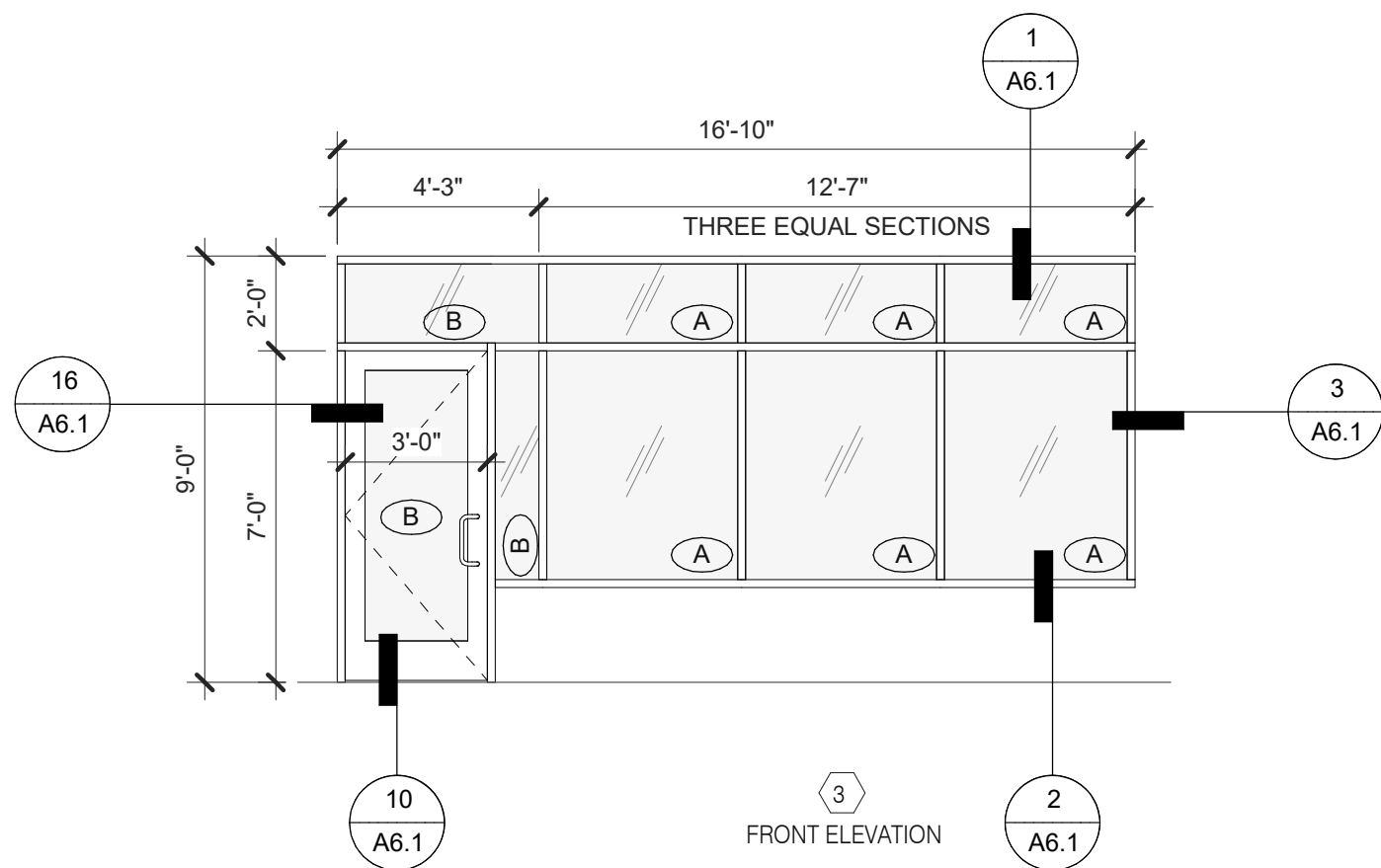
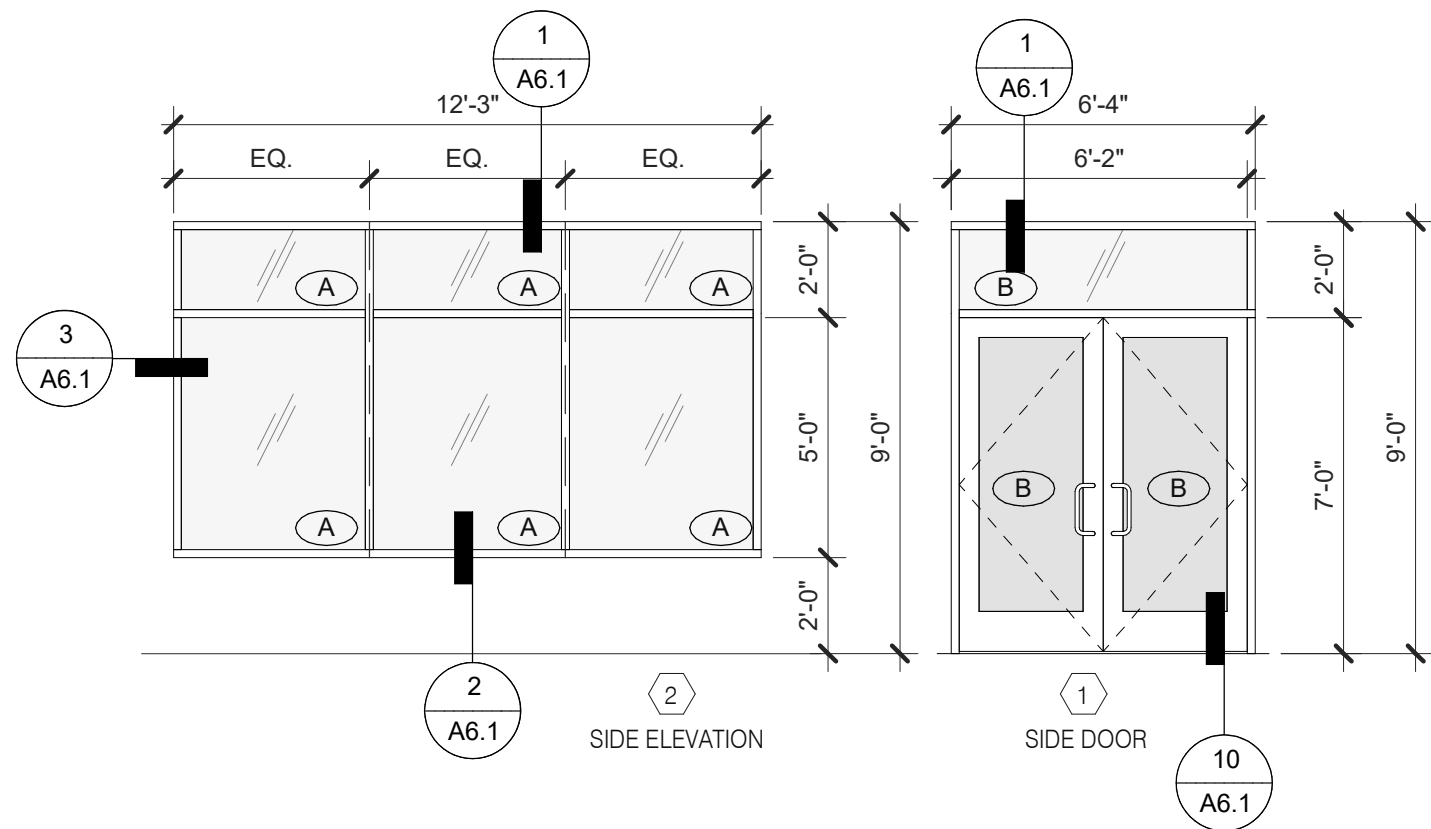
ENDEAVOR 2.0
FLOOR PLAN

A1.0

PLOT DATE: 9/27/2022 9:48:27 AM



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AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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- DIMENSIONS ON THIS DRAWING ARE TO ROUGH OPENING. ADJUST FRAME DIMENSION TO MAINTAIN 3/8" SEALANT JOINT.
- 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.

NATIONAL ACCOUNTS SUPPLIER

INTERIOR DOORS, FRAMES & HARDWARE
LOCKNET
CONSTRUCTION@LOCKNET.COM
800 JOHN C. WATTS DR.
NICHOLASVILLE, KY 40356
855-432-4613 FAX: 877-887

HAMILTON PARKER
JIM CAMPBELL
D. 614-358-7806
E-MAIL: JIM.CAMPBELL@HAMILTONPARKER.COM

STOREFRONT SPECIFICATION

STOREFRONT
OLD CASTLE
FG-3000
GLAZING
VITROGLAZINGS
SOLARBAN 90 SOLAR CONTROL LOW-E GLASS

SEE EXTERIOR ELEVATIONS FOR STOREFRONT COLOR

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.

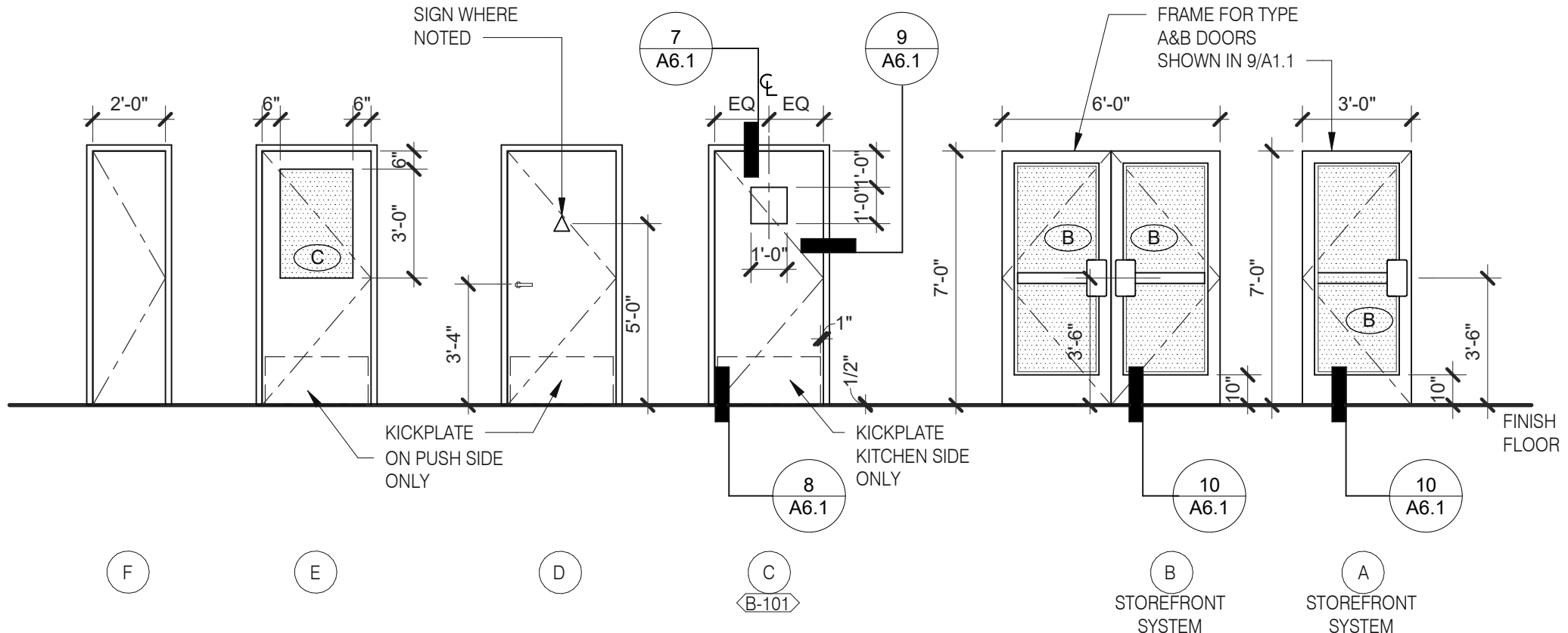
****ALL STOREFRONT GLAZING SHALL BE LOW 'E' SOLAR GLASS****



NOTES

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	1	2	3	4	5	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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DOOR SCHEDULE



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

WINDOW TYPES

1/4" = 1'-0"

9

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

DOOR TYPES

3

DATE	REMARKS
07.11.22	Issued for Permit
09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

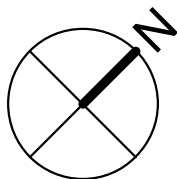
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Shelby, NC 28152



ENDEAVOR 2.0 DOOR & WINDOW ELEVATIONS & SCHEDULES

A1.1

PLOT DATE: 9/27/2022 9:48:30 AM



CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL



A2.0

PLOT DATE: 9/27/2022 9:48:37 AM

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

ARTWORK SCHEDULE

ARTWORK SCHEDULE

GENERAL NOTES

SHELVING QUANTITIES

KEY NOTES

EQUIPMENT SCHEDULE

GPD Engineering and Architecture
Professional Corporation - 52715

520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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TAG	#	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING ELECTRICAL GAS	REMARKS	TAG	#	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING ELECTRICAL GAS	REMARKS
1 - POINT OF SALE						6 - PREP STATION					
B-690	1	TB Service Counter System 90x30x33.5				B-290	1	X PAPER TOWEL DISPENSER	BOBRICK #B-262		
B-691	1	POS Counter Shroud		X		B-405	2	X WASTE BASKET			
B-090	1	UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED	X		K-210	1	X PREP SINK WORKSTATION 50 TRACK	SPG / ISS (Alternate: METRO)		#WST255E, Wall Trax System for 1-Comp Sink, 16X50X40 + ACC
B-165	1	X FRONT LOAD SAFE	PERMA VAULT #PRO-10TM			N-062	1	X STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET	AERO #HS-MOD	X	
B-174	1	SAFE WITH TOUCHSCREEN		X		N-130	1	X 1 COMP PREP SINK FAUCET	T&S B-0831-WA	X	FRANCHISE OPTION N-134: T&S B-2465
B-490	1	SHELVING 18x24x24, 2-TIER	SPG / ISS (Alternate: METRO)		#WST440Y	N-171	1	X LEVER WASTE DRAIN		X	
B-708	1	SHELVING 9x30x24, 1-TIER	SPG / ISS (Alternate: METRO)		#WST1702Y	N-698	1	X 1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #2F1211617LR	X	
B-483	1	CUP DISPENSER	A.J. ATUNES #DACS50			P-315	1	X REVERSE OSMOSIS SYSTEM	3M #56123-06, FSTM-075	X	INSTALL OVER FLOOR SINK
B-801e	1	KIOSK 1/2 TOWER				P-452	2	X HOT WATER SYSTEM	BUNN-MACHINE #43600.0014	X X	Each System= Water Heater #43600.0014, Bracket #13125.0003, Shelf#12599.0000, Scale Inhibitor #39000.0001
U-062	1	CREDIT CARD READER		X		P-550	1	X KNIFE RACK	EDLUND #KR-699		
U-070	1	RECEIPT PRINTER	EPSON	X	2 FOR F/C AND 1 D/T 5.71 IN X 7.68 IN X 5.83 IN	P-673	1	X WORK TABLE			
U-087	4	KIOSK TABLET BRACKET & BRACKET COVER	230861 ELO BRACKET, 230862 ELO BRACKET COVER	X	BLACK BRUSHED METAL	7 - DRY STORAGE					
U-100	1	POS/ORDER ENTRY TERMINAL		X	2 FOR F/C AND 1 D/T	B-400	2	X WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)		
U-121	1	CASH DRAWER BRACKETS	#SU186075Y		2 PER CASH DRAWER	K-132	1	CART, CLOSING MADE SIMPLE	SPG / ISS (Alternate: METRO)		#WST1434Y
U-135	5	KIOSK TABLET	SSP	X		K-522	2	SHELVING, 18x60x76, 5-TIER, SMALL PACKAGING	SPG / ISS (Alternate: METRO)		#WST1548Y
U-136	4	VERIFONE (CREDIT CARD MACHINE	SSP	X		K-523	2	SHELVING, 18x60x76, 3-TIER, CUP & LID	SPG / ISS (Alternate: METRO)		#WST1580Y
U-152	1	CASH DRAWER	IBM, NCR & PAR		2 FOR F/C AND D/T	K-602	5	SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)		#WST238Y
						K-698	1	SHELVING 18X24X74, 5-TIER	SPG / ISS (Alternate: METRO)		#SU186075Y
						K-699	3	SHELVING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO)		#SU186075Y
						P-541	1	STORAGE BINS	B4B SYSTEMS #03070100		
2 - DRINK STATION						8 - WASHING STATION					
B-405	1	X WASTE BASKET				B-406	1	X WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)		
B-920	1	RUBBER MAT	CREWSAFE, WSM#800507		RUBBERIZED - BLACK 2X8, 1/4 NON SLIP CORRUGATED TOP & RUBBER NO-SLIP BACK ENTRANCE	K-221	1	X 3 COMP SINK WORKSTATION 96 TRACK	SPG / ISS (Alternate: METRO)		#DS1F, Wall Trax System for 3 Comp Sink, (3) 18X24 GRIDS + ACC
B-420	1	SHELF, BEV PLATFORM 18X24	SPG / ISS (Alternate: METRO)		#WST34Y: F/CARBONATOR, &/OR RECIRC PUMP	N-043	1	X 3-COMP POWER SOAK 102	UNIFIED #PS6750	X X	GEN IV POWERSOAK INCLUDES T&S FAUCET #B-2475-PS-OH (FRANCHISE OPTION: GEN III)
B-284	1	BEVERAGE DISPENSER - SELF-SERVE	CORNELIUS 611057625	X X	SEE SCOPE OF WORK (PEPSI)	9 - UTILITY STATION					
B-375	1	X DRINK STATION	CARTER-HOFFMAN	X	S/S, INSULATED DRAIN TROUGH, WEIGHT RATED	B-219	1	X WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147		
B-443	1	X LID DISPENSER	CAL-MIL ADA TB103			B-223	1	X 98% HIGH EFFICIENCY 199 MBH, 100 GAL. GAS WATER HEATER	A.O. SMITH BTH-199 100 CYCLONE HE	X X	
B-444	1	X NAPKIN DISPENSER	TOR XPRESSNAP #5555100			B-599	1	X MOP SINK SHELVING	SPG #WST806Y		
B-513	1	ICE MAKER (PLACED ON TOP OF DRINK MACHINES)	MANITOWOC, KMS-1401MLJ	X X	W/ROOF MOUNTED CONDENSERS HOSHIZAKI FRANCHISEES CAN USE HOSHISAKI KMS-1230	N-071	1	X MOP SINK FAUCET	T&S B-2465	X	
B-544	2	ICE TEA URN	BUNN/TDO-N-3.5			N-208	1	X MOP SINK	AERO #3MP-2121-6/1P	X	INCLUDES (2) 24X36 WALL PANELS
B-570	1	CARBONATOR	CORNELIUS/REMCOR	X X	SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)	10 - OFFICE					
3 - DRIVE THRU STATION							5				
B-140	1	X DT WINDOW	QUICKSERV#SC4030BR - SELF CLOSING, R/H HANDLE, OPENS RIGHT		FINISH TO MATCH STOREFRONT, DARK BRONZE	F-014	1	X FILE CABINET (2 DRAWER HIGH) 18X36X27H	HON #582LL		
B-290	1	X PAPER TOWEL DISPENSER	BOBRICK #B-262			F-021	1	X CHAIR - OFFICE	HON #4609AB10		IN OFFICE AREA, SEE SHEET A8.2
B-405	2	X WASTE BASKET				F-022	1	X LICENSE FRAME (BLACK)	CREATIVE PALETTE TB30	X	IN OFFICE AREA
B-090	2	UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED	X		F-026	1	X DESK LAMP	TBD		IN OFFICE AREA, SEE SHEET A8.2
B-165	1	X FRONT LOAD SAFE	PERMA VAULT #PRO-10TM			F-030	1	X COAT HOOK	ISS #HOOK246R2Y	X	IN OFFICE AREA
N-062	1	X STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET	AERO #HS-MOD	X		F-040	1	OFFICE COMPUTER	POS PROVIDED	X	IN OFFICE AREA, SEE SHEET A8.2
B-147	1	BUNN COFFEE BREWER	MCA BLK Single Serve #35400.0005	X		F-050	1	CREDIT CARD SATELLITE ROUTER JUNCTION			
B-3x2	1	DRIVE-THRU PICK-UP WORKSTATION 30X74	SPG		OPTIONAL:METRO	F-060	1	MONITOR - OFFICE	YUM		
B-3x3	1	DRIVE-THRU PICK-UP WORKSTATION 30X48	SPG		OPTIONAL:METRO	F-080	1	OFFICE PRINTER/COPIER/FAX/SCANNER	POS PROVIDED	X	
B-204	1	X DRIVE-THRU TIMER SYSTEM	HME #C11422TB	X		F-090	1	UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED	X	
B-254	1	CONDIMENT RACK	PRONTO #CHPW0446			F-102	1	X MONEY COUNTER	TELLERMATE #TIXR3000	X	IN OFFICE AREA
B-283	1	X DRINK STAGER WITHOUT STRAW HOLDER	WST788E			F-131	1	X SPEAKERS	MOOD MEDIA LOCAL LEASE	X	
B-285	1	BEVERAGE DISPENSER - DRIVE THRU	SERVEND	X X	SEE SCOPE OF WORK (PEPSI)	F-211	1	X CLOCK	B&B SYSTEMS #02100100	X	IN OFFICE AREA, SEE SHEET A8.2
B-304	1	X DRIVE-THRU DRINK & POS TABLE LEFT	9549 S03		OPTIONAL: METRO	F-262	1	X 6 COUNT EMPLOYEE LOCKERS E76000235	LYON WORKPLACE 12" X 18" X 78" GREY	X	IN OFFICE AREA
B-482	1	CUP DISPENSER	A.J. ATUNES #DACS60		W/ ANGLED MOUNTING BRICKET OMNITEAM CDB-DTA	F-270	1	X FIRST AID KIT	PROSTAT FIRST AID LCC #2617	X	IN OFFICE AREA
B-513	1	ICE MAKER (PLACED ON TOP OF DRINK MACHINES)	MANITOWOC, KMS-1401MLJ	X X	W/ROOF MOUNTED CONDENSERS HOSHIZAKI FRANCHISEES CAN USE HOSHISAKI KMS-1230	F-504	1	X DVR & MONITOR			
B-544	2	ICE TEA URN	BUNN/TDO-N-3.5			U-052	1	X SECURITY SYSTEM	ADT #3BCZTB	X	
B-546	1	X ICED TEA BREWER	TETLEY TB3Q	X X		U-063	1	X ALARM SENSOR		X	
B-570	1	CARBONATOR	CORNELIUS/REMCOR	X X	SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)	U-076	2	ATOM SERVER	EN POINTE TECHNOLOGIES	X	12V DC 60W SYSE3029ARS011-CSP
B-600	2	BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X	SEE SCOPE OF WORK (PEPSI)	11 - BAG-N-BOX					
B-739	1	X FROZEN BEVERAGE DISPENSER, REMOTE	FBD #12-7362-00021	X X	MUST ORDER REMOTE CONDENSER S-739A FREEZE TRANSFORMER	B-381	1	X CO2 CARBON DIOXIDE SENSOR/WARNING	LogiCO2 CO2 MK9 SENSOR		X
B-739A	1	X FREEZE TRANSFORMER		X		S-286	1	X WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003		FRANCHISEES CAN USE SELECTO #TB5/620-5
B-740	1	X FROZEN BEVERAGE DISPENSER, REMOTE	FBD #12-3003-0006	X X	40 IN X 17 IN X 21 IN 208 SINGLE PHASE 2 WIRE 15 AMP, 105LB	S-540	1	PEPSI BOOSTER TANK		X X	SEE SCOPE OF WORK (PEPSI)
U-011	1	BASE STATION - D/T COMM. SYSTEM	HME #C40000-5-HS3-TB			S-550	1	BAG-IN-BOX SYRUP RACK	CORNELIUS/REMCOR BNP12B8P	X	FLO-3REG-2CRB (BY PEPSI)
U-061	2	CREDIT CARD READER		X		S-580	1	CO2 BULK TANK	MVE #11805373		
U-062	1	DRIVE-THRU CREDIT CARD READER	VERIFONE P400	X		S-600	2	BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X	SEE SCOPE OF WORK (PEPSI)
U-077	1	TABLET 10.1"	EN POINTE TECHNOLOGIES - TABLET E611101			12 - COLD STORAGE					
U-100	2	POS/ORDER ENTRY TERMINAL		X	2 FOR F/C AND 1 D/T	K-525	1	48X18 5 - TIER RACK SHELVING			
U-121	1	CASH DRAWER BRACKETS	#SU186075Y		2 PER CASH DRAWER	K-602	3	SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)		#WST238Y
U-152	1	CASH DRAWER	IBM, NCR & PAR		2 FOR F/C AND D/T	K-607	1	SHELVING	SPG / ISS (Alternate: METRO)		
U-239	1	MONITOR CEILING MOUNTED BRACKET	IBM, NCR & PAR			K-657	2	X SHELVING 24x72x86, 5-TIER	SPG / ISS (Alternate: METRO)		#SU247285Y: WALK-IN COOLER 24X72X86
4 - ASSEMBLY						K-698	1	SHELVING 18X24X74, 5-TIER	SPG / ISS (Alternate: METRO)		#SU186075Y
B-405	2	X WASTE BASKET				K-699	1	SHELVING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO)		#SU186075Y
B-197	3	X TOASTER, SPLIT LID	PROLUXE SL1266TB	X	POWERED BY PRODUCTION LINE - (OPTIONAL: STAR #PSC14DTB)	W-059	1	X WALK-IN	ICS/NORLAKE #105181	X X	COMBO, TB, #105181, BUDGETARY 19-4X7X9-2 OAD, MEDIUM BUILDING PROTOTYPE, INCLUDES LED
B-254	3	X CHEESE MELTER (SINGLE)	A.J.ANTUNES #CM-100	X X	POWERED BY PRODUCTION LINE	13 - MISCELLANEOUS					
B-362B	1	X FLEX DUAL LINE	FRANKE	X X		B-049	1	X ROOF LADDER	PRECISION LADDER #PH-G2-6X3-0		
B-023	1	X WARMER, EVO	CARTER HOFFMAN	X	MOUNT ON PRODUCTION LINE OVER SHELF	B-050	1	X ROOF HATCH	PRECISION LADDER #PH-G-2-6X3-0		
B-024	2	X WARMER, EVO	CARTER HOFFMAN	X	MOUNT ON PRODUCTION LINE OVER SHELF	B-101	1	SECURITY DOOR	RSBS FACILITIES CONNECTION		SECURITY DOOR PER QUOTE LOCKNET TAN STEEL. INCLUDES: STEEL FRAME
B-065	1	X DESSERT TOWER	HATCO #GRBW-24D			F-500	2	STACKABLE HIGH CHAIR			
B-489	3	SCALE	EDLUND		10#X.1OZ, ELECTRONIC, EDLUND #DS-10 CSTM; WSM #113464	F-915	2	FLOOR MAT	CREWSAFE, ENTRANCE I #41150012		RUBBERIZED - 3'-5', RIBBED, CHARCOAL, WSM #800503
U-077	6	TABLET 10.1"	EN POINTE TECHNOLOGIES - TABLET E611101			L-150	1	X SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM		ORDERED DIRECT FROM YRFS
5 - COOK STATION						14 - RESTROOM					
B-079	1	X DUAL FRYER	FRYMASTER #2FQG30U	X X	COMES WITH GAS HOSE KIT (OPTIONAL: PITCO #TB-SSHVLV14-2/FD VS7)	B-253	2	X PAPER TOWEL DISPENSER/TRASH 12 GAL.	BOBRICK #B-3944		
B-107	1	X RETHERMALIZER	PITCO #TB-SRTG14-2	X X X		B-265	2	X MIRROR, 18 x 36	BOBRICK #B-165-1836		
B-400	2	X RETHERMALIZER TIMER	FAST #TBZAP12120V	X		B-275	2	X TOILET PAPER DISPENSER	BOBRICK #B-2890		
B-108	1	X STRATOVENT 106 IN. H X 111 IN. L BACK SPLASH	STRATOVENT MODEL #BACKSPLASH106X111FLA			B-300	2	X GRAB BAR 1-1/2 DIA. X 42 S.S. FIN.	BOBRICK #B6806X42		
B-272	1	X TIMER OUTLET		X		B-305	2	X GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X48		
B-383	1	FRY WORKSTATION 30D x 78H x 36 in.	SPG / ISS (Alternate: METRO)		#WST1724E, 36 in. Crispy Frystation	B-310	2	X GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18		
B-417	1	X 8-CHANNEL TIMER	FAST #KTRACK2X4TB	X		B-320	1	CHANGING STATION			
B-209	1	FRY STATION REACH-IN FREEZER (RIGHT HINGED)	DELFIELD #GBF1P-SH-TB2	X	OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SH-IK-TB2	B-410	1	X SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140		
B-026	1	X HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB	X	W/8 SHELVES EACH	N-141	2	X WALL MOUNTED LAVATORY	AMERICAN STANDARDS BRAND	X	WHITE VITREOUS CHINA WALL MOUNTED LAVATORY WITH ACCESSORIES. N-141 IS METERED FAUCET FAUCET, LAVATORY, CENTERSET MIXING, #B-0890-WS
B-027	1	X HEAT CABINET - FULL HEIGHT - LH	CRESCOR #H-137-S-27D1L-TB	X	W/ 8 RACKS	N-146	2	X FAUCET (RESTROOMS)	T&S FAUCET B-0831-WA	X	2" TWIST TYPE FOR N-698

TACO BELL

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TACO BELL

ENDEAVOR 2.0
EQUIPMENT
SCHEDULE



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CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

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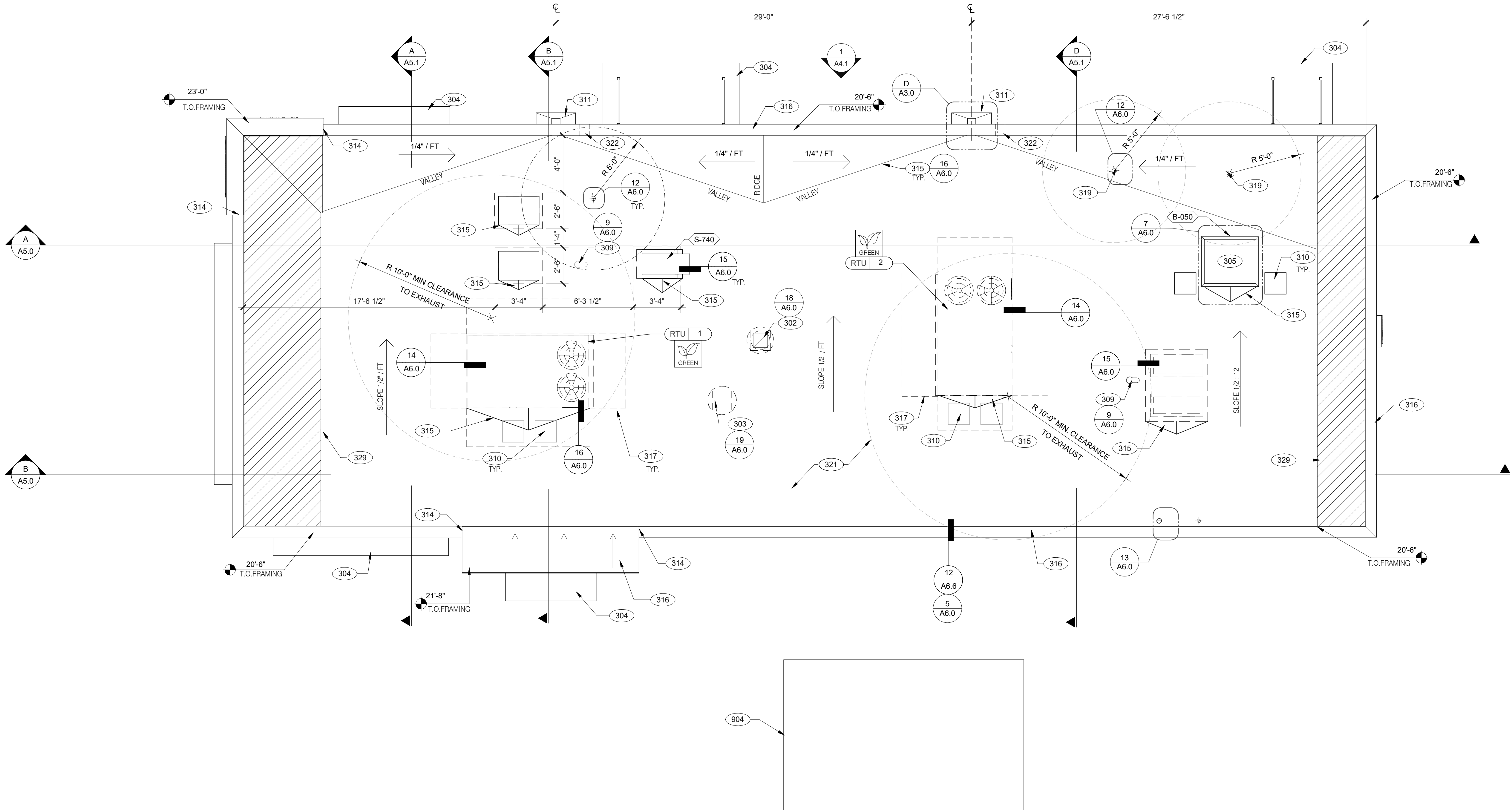


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SCHEDULE

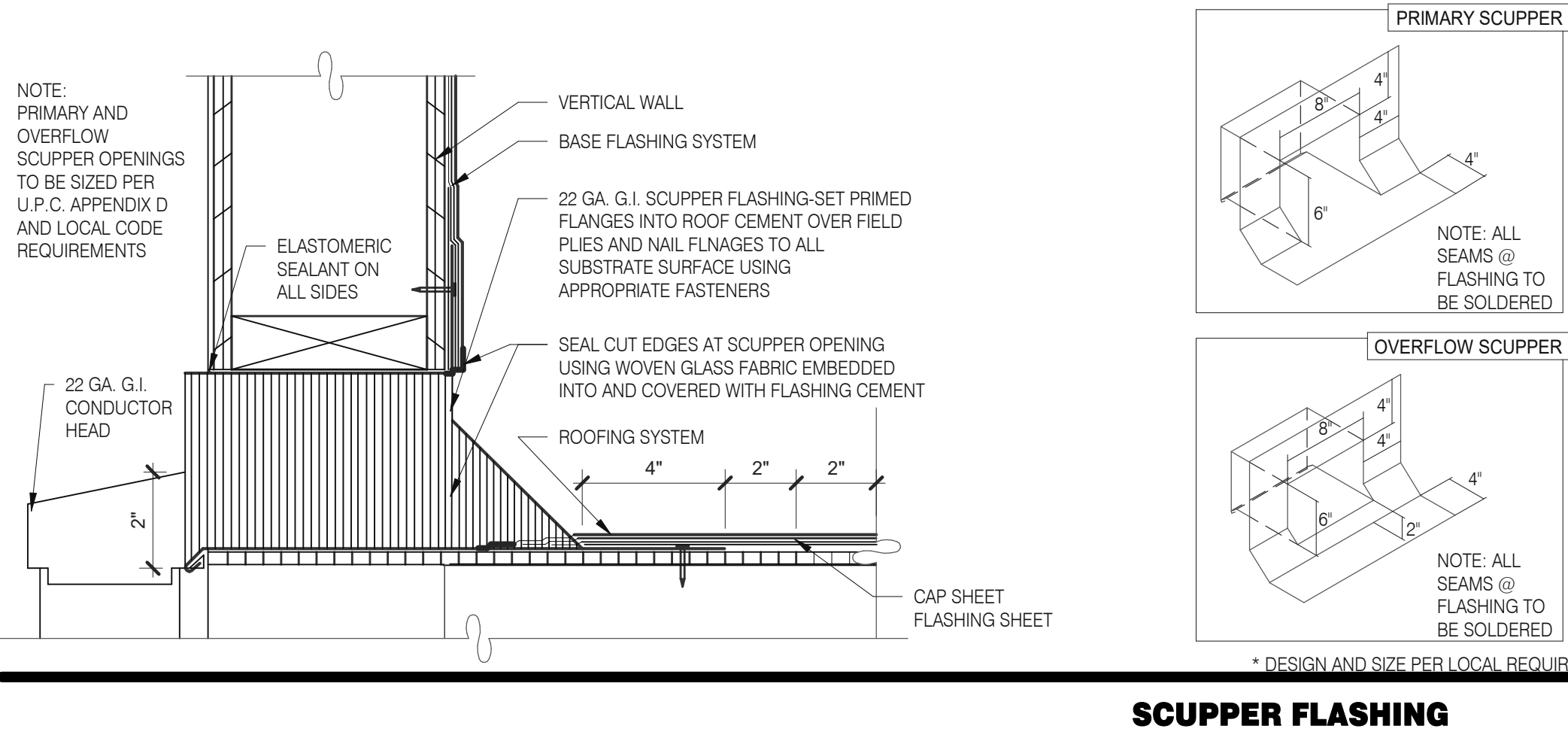
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ROOF PLAN 1/4" = 1'-0" A



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

ROOF PLAN NOTES C

- 302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL 19/A6.0.
- 303 RESTROOM EXHAUST FAN. SEE MECHANICAL DRAWINGS AND DETAIL 18/A6.0.
- 304 CANOPY, BY SIGNAGE VENDOR. SEE SCOPE OF WORK.
- 305 ROOF HATCH. SEE DETAIL 7/A6.0.
- 309 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.
- 310 24x36 WALK MATS. SEE ROOF SPECS.
- 311 SCUPPER AND DOWNSPOUT. SEE DETAIL D/A3.0.
- 314 CHANGE IN PARAPET ELEVATION. SEE SECTION 13/A6.1.
- 315 ROOF CRICKET. SEE DETAIL 16/A6.0.
- 316 METAL PARAPET CAP.
- 317 MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE.
- 319 WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION. SEE DETAIL 12/A6.0 FOR FLASHING ASSEMBLY.
- 321 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER MINIMUM R-35 RIGID INSULATION BOARD OVER 5/8" APA RATED EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 322 OVERFLOW SCUPPER. SEE DETAIL D/A3.0.
- 329 KICKERS, SEE STRUCTURAL DRAWINGS
- 904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

KEY NOTES B

DATE	REMARKS
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STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
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TACO BELL

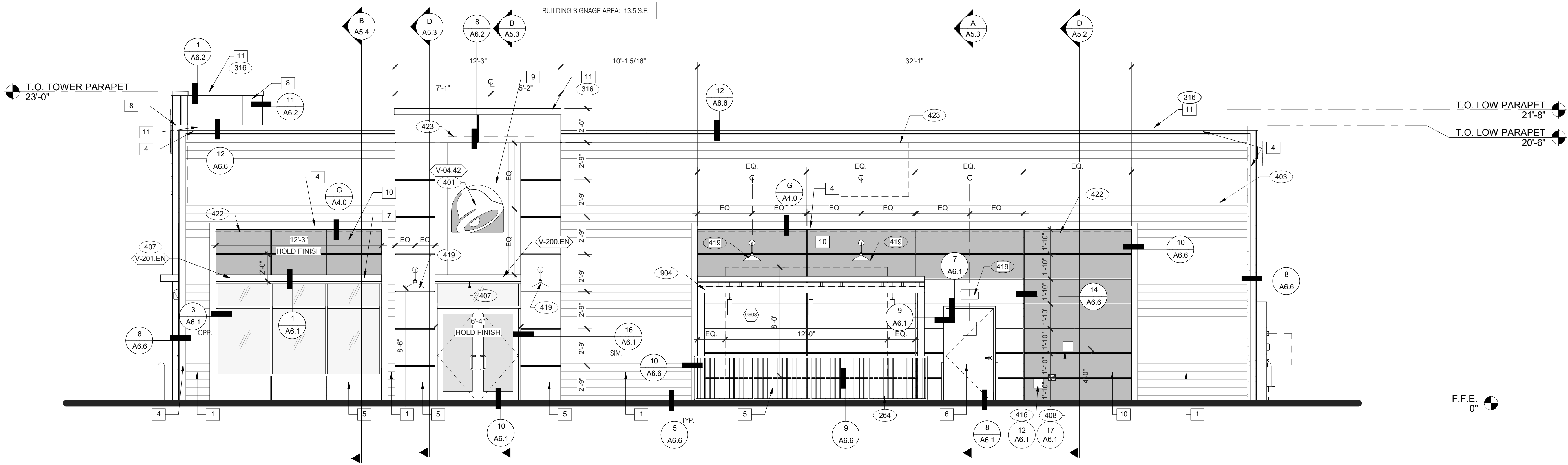
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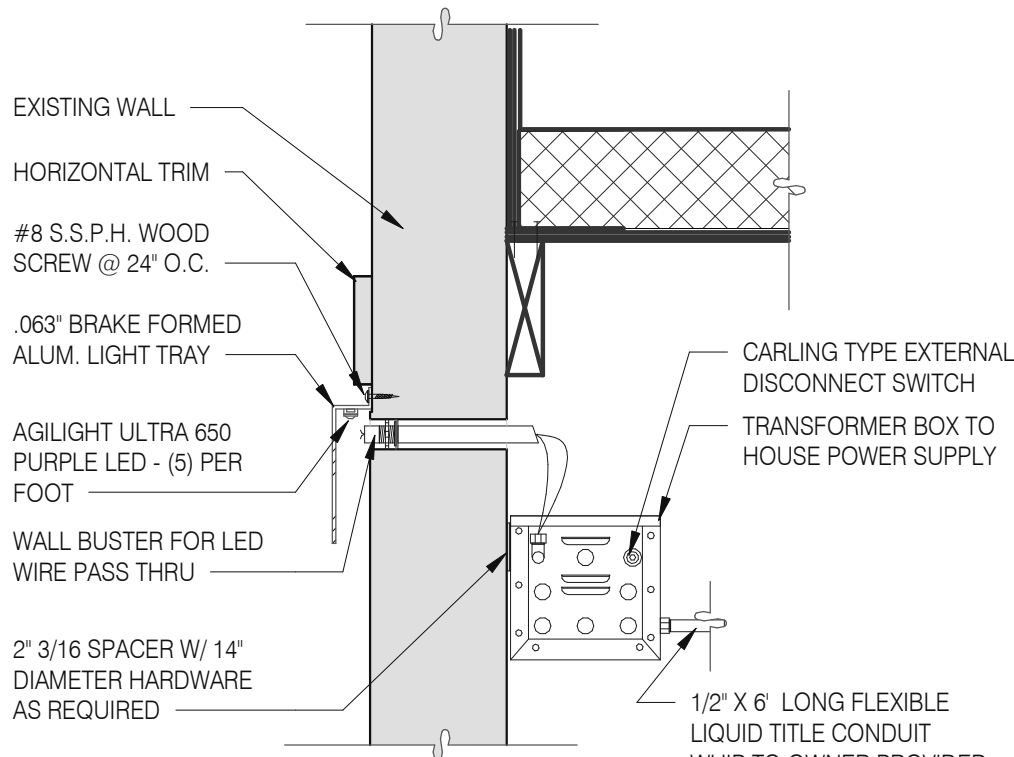
ENDEAVOR 2.0
ROOF PLAN

A3.0

PLOT DATE: 9/27/2022 9:48:48 AM



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



LED WALL WASHER DETAIL

G

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4.1
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
SIDE ENTRY			
V-04.42	1	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.0
V-200.EN	1	SIDE ENTRY AWNING 6' 3" L X 6' H X 3' 0" D, BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 6" L X 6' H X 4' 0" D, BLACK	A4.1
V-1X1.DT	1	DT AWNING (OVER DT) 5' 0" L X 6' H X 4' 0" D, BLACK	A4.1
REAR			
V-04.24	1	24" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
V-09.12W	1	12" WHITE CHANNEL LETTERS	A4.1
EYEBROW AWNINGS			
V-201.EN	1	SIDE ENTRY EYEBROW (WINDOW) 12' 2" L X 6' H X 1' 4" D, BLACK	A4.0
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 9" L X 6' H X 1' 4" D, BLACK	A4.1
V-203.EN	1	DT EYEBROW (WINDOW) 7' 8" L X 6' H X 1' 4" D, BLACK	A4.1

SIGNAGE

F

MISCELLANEOUS

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

SEALERS (REFER TO SPECS)

- A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.
B. SEALANT AT ALL WINDOW AND DOOR FRAMES AND JAMB. DO NOT SEAL SILL @ WINDOWS.
C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING AND CANOPY.

CRITICAL DIMENSIONS

A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD SIGNAGE/BUILDING ELEMENTS DIMENSIONS.

NOTE: NO EXTERIOR SIGNS ARE WITHIN THE SCOPE OF WORK COVERED BY THE BUILDING PERMIT APPLICATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL EXTERIOR SIGNS AND INSTALLATION OF REQUIRED BLOCKING AND ELECTRICAL CONNECTIONS FOR FINAL APPROVED SIGNS.

GENERAL NOTES

D

QTY.	NAME	FAMILY	SIZE	LOCATION
1	GM - EXT1	E	M03	TBD SEE A4.0
THIS MURAL WILL BE PRINTED ON THREE SECTIONS OF EXPRESSION PANEL MATERIAL AND ASSEMBLED INTO ONE LARGE FRAME AND MOUNTED ON WALL.				
1	GM - SKIP THE LINE	E	M02	48x96 SEE A4.1
1	GM - ORDER AHEAD	E	M02	48x96 SEE A4.1

PAINTING

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

EXTERIOR ARTWORK SCHEDULE

C

PAINT NOTES

A

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
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"x5.5"	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 FINISH SCHEDULE

E

ALUMINUM TRIM PROFILES [ALTERNATE SOURCE]	
DESCRIPTION	ITEM ID - MANUFACTURER
SURROUND J CHANNEL TRIM	T2 - FRY REGLET JMS - TAMLIN
SURROUND VERTICAL TRIM	V2 - FRY REGLET W516RV - TAMLIN
VENT SCREEN	VST38 - TAMLIN
SURROUND HORIZONTAL TRIM	W2 - TAMLIN
SURROUND DRAINAGE FLASHING	XWF - TAMLIN
SURROUND OUTSIDE CORNER TRIM	OC9 - FRY REGLET XOCRS16 - TAMLIN
SURROUND INSIDE CORNER TRIM	IC1 or IC21 - FRY REGLET XIC516 - TAMLIN

- 264 PATIO RAILING, SEE DETAIL 6/A9.0.
316 METAL PARAPET CAP.
401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
403 DASHED LINE INDICATES ROOF BEYOND.
407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
408 CO2 FILLER VALVE & COVER.
416 HOSE BIBB BOX AT 18" A.F.F. SEE PLUMBING DRAWINGS.
419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR, REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
423 OUTLINE OF RTU BEYOND.
904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

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STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

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ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.0

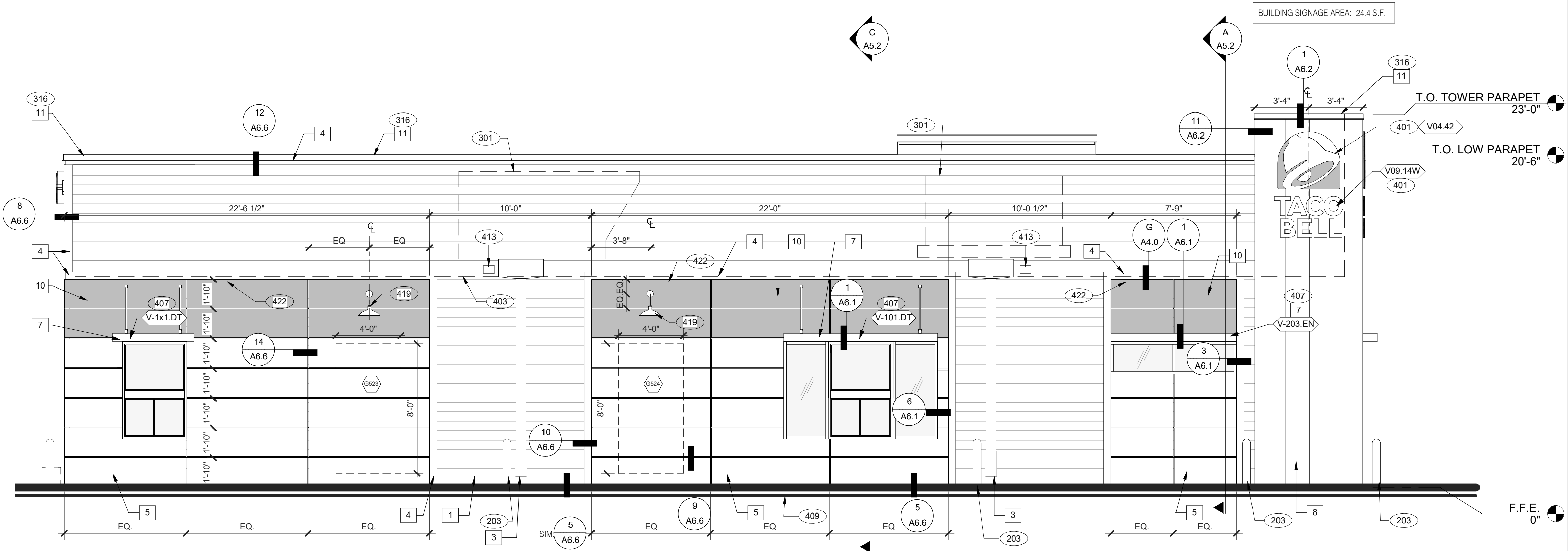
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KEY NOTES

B



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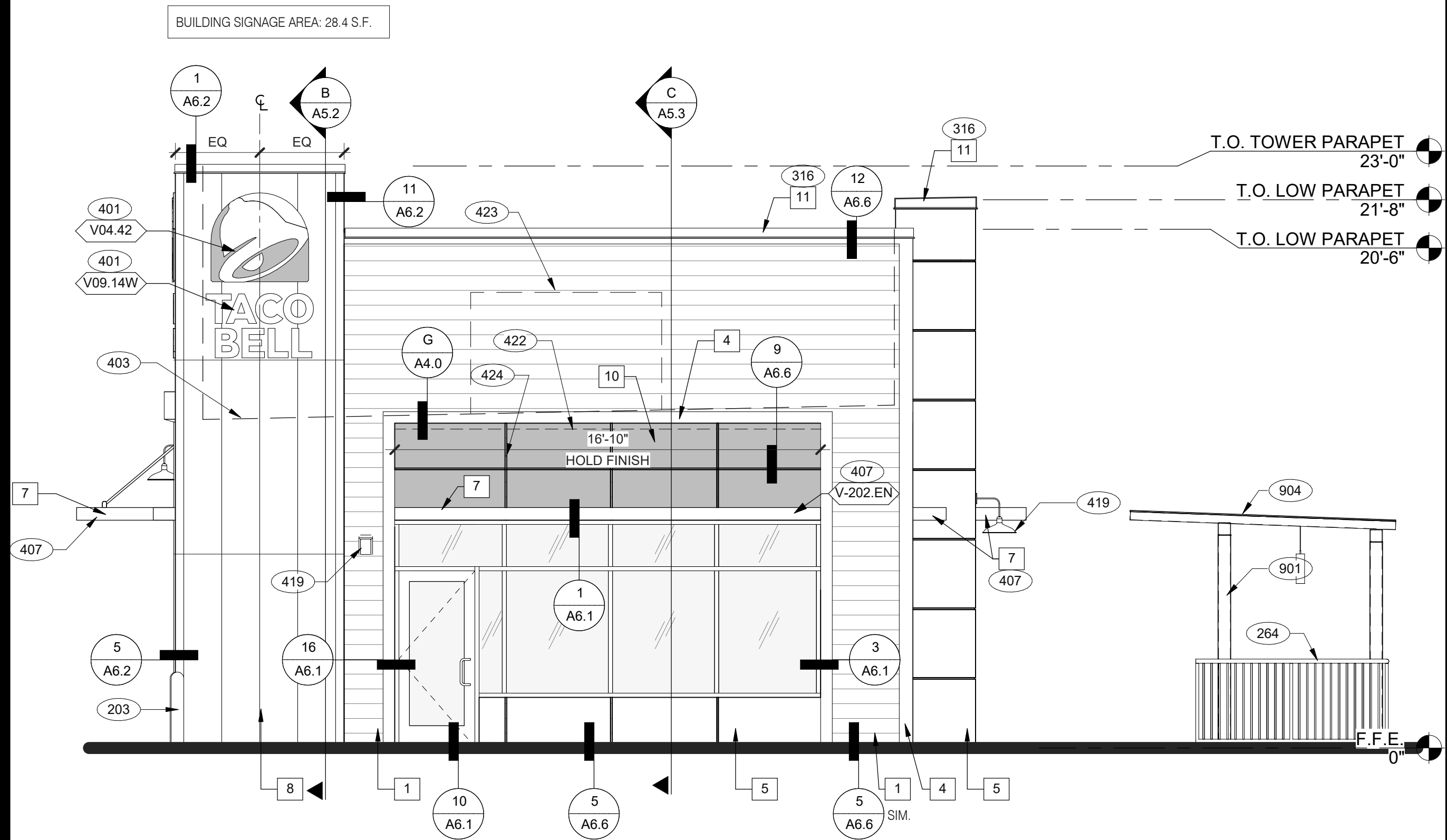
SEE SHEET A4.0 FOR FINISH SCHEDULE

- 203 PIPE BOLLARD. SEE CIVIL DRAWINGS.
264 PATIO RAILING, SEE DETAIL 6/A9.0.
301 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL. SEE MECHANICAL DRAWINGS.
316 METAL PARAPET CAP.
401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
403 DASHED LINE INDICATES ROOF BEYOND.
407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
409 ASSUME D/T LANE SURFACE IS 6\" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.
413 OVERFLOW SCUPPER. REFER TO D/A3.0.
419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR, REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
423 OUTLINE OF RTU BEYOND.
424 ALIGN REVEAL WITH VERTICAL MULLION.
901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.
904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

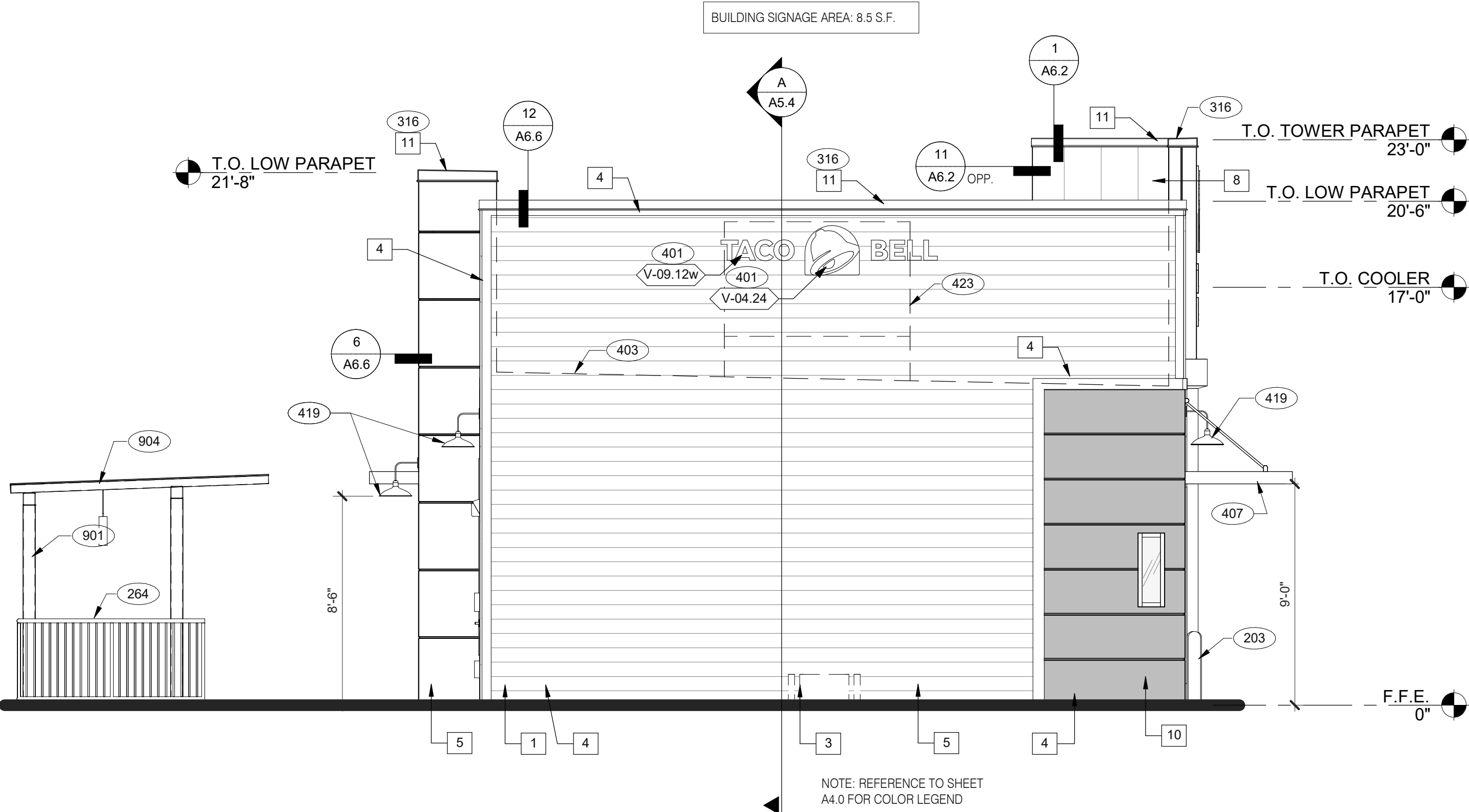
LEFT ELEVATION 1/4" = 1'-0" 1

KEY NOTES

A



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



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

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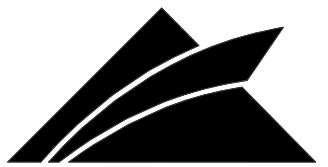
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ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

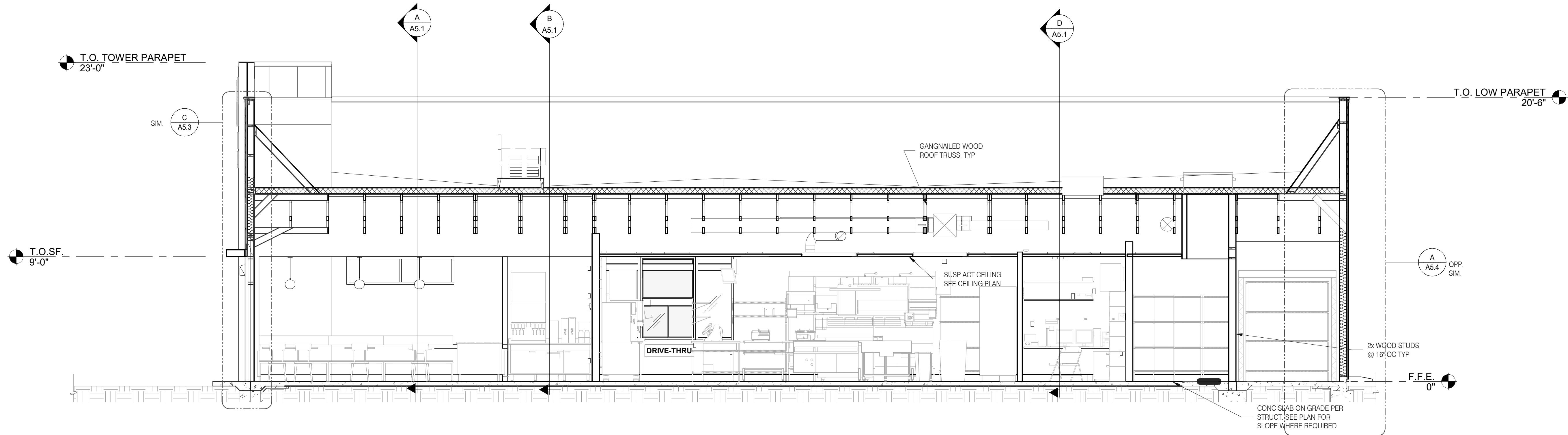
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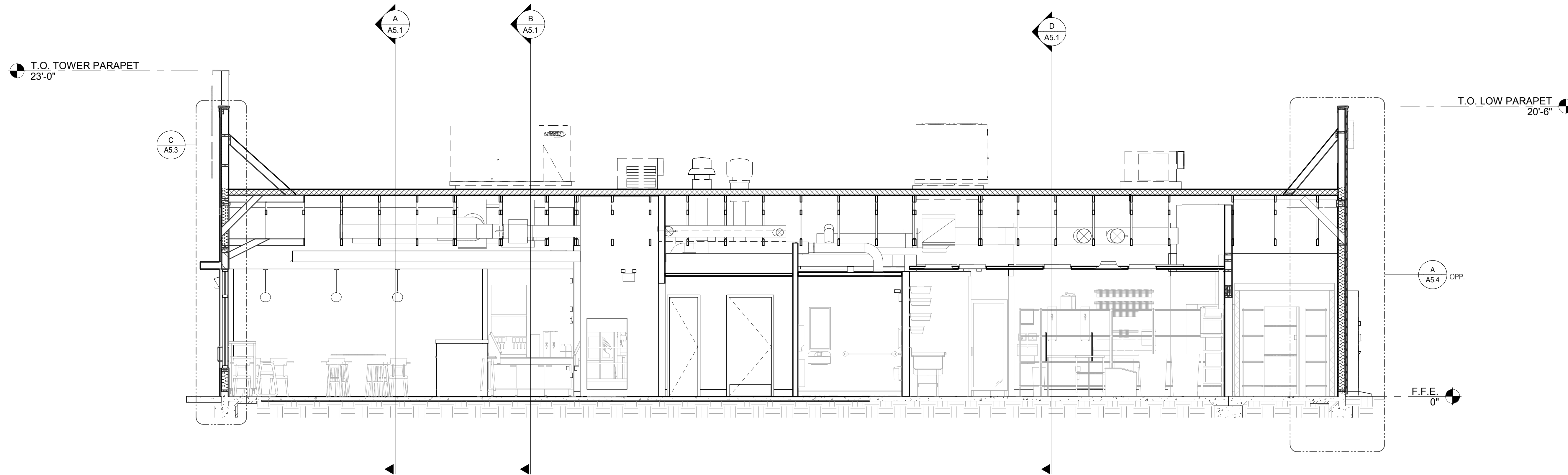


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EAST/WEST BUILDING SECTION 1/4" = 1'-0" A



EAST/WEST BUILDING SECTION 1/4" = 1'-0" B

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CONTRACT DATE: 05.04.22
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PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152

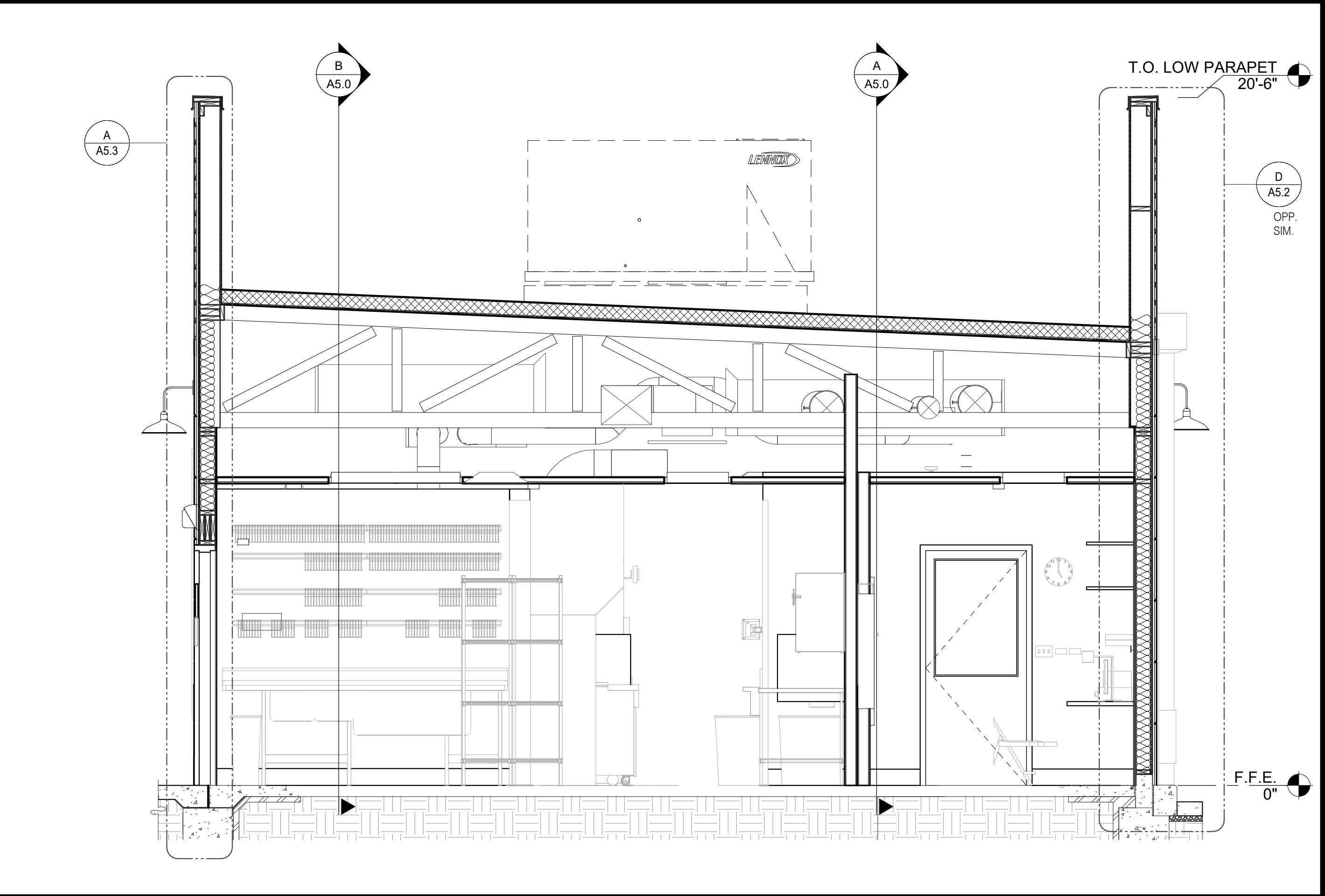


ENDEAVOR 2.0
BUILDING
SECTIONS

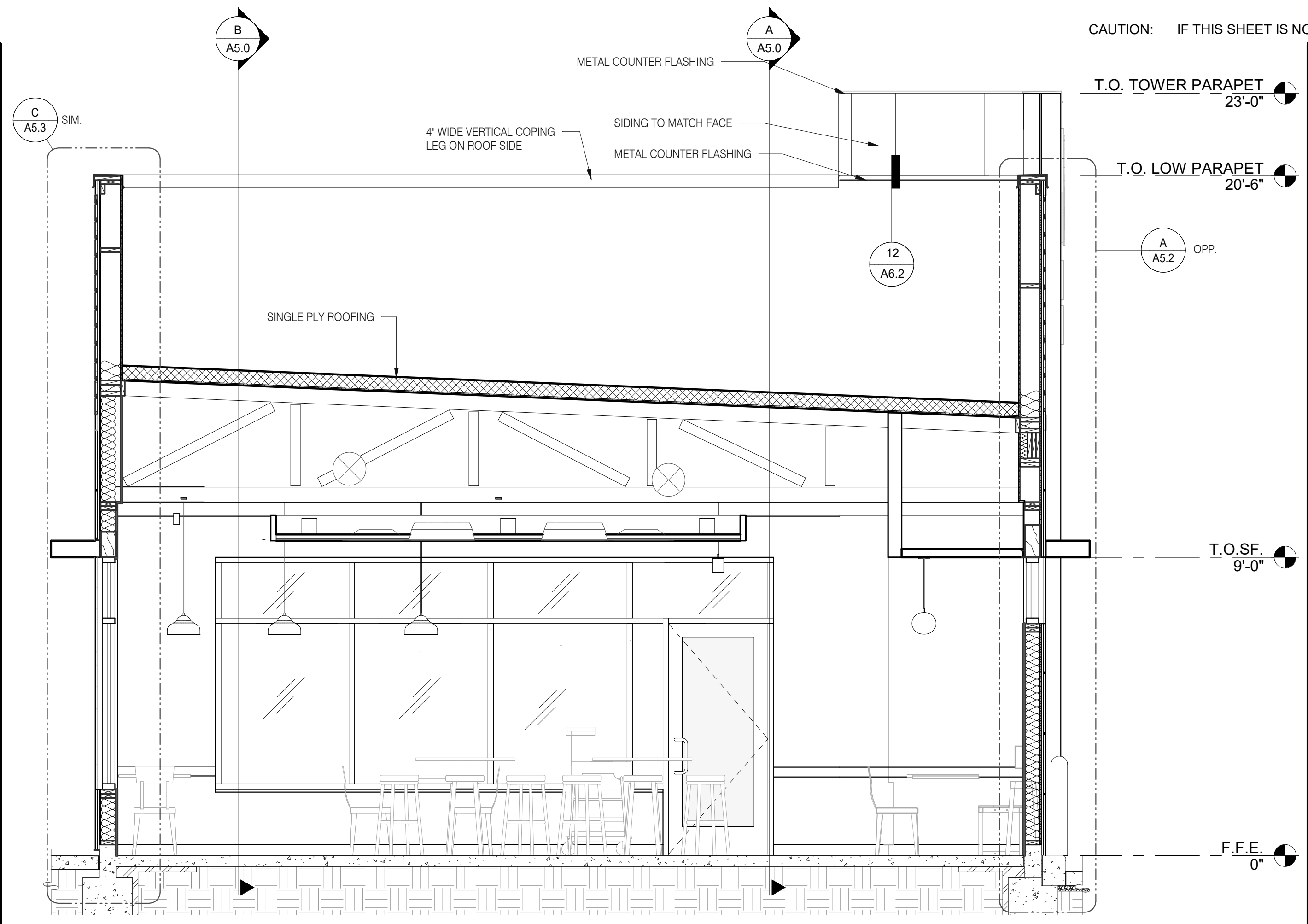
A5.0

PLOT DATE: 9/27/2022 9:49:13 AM

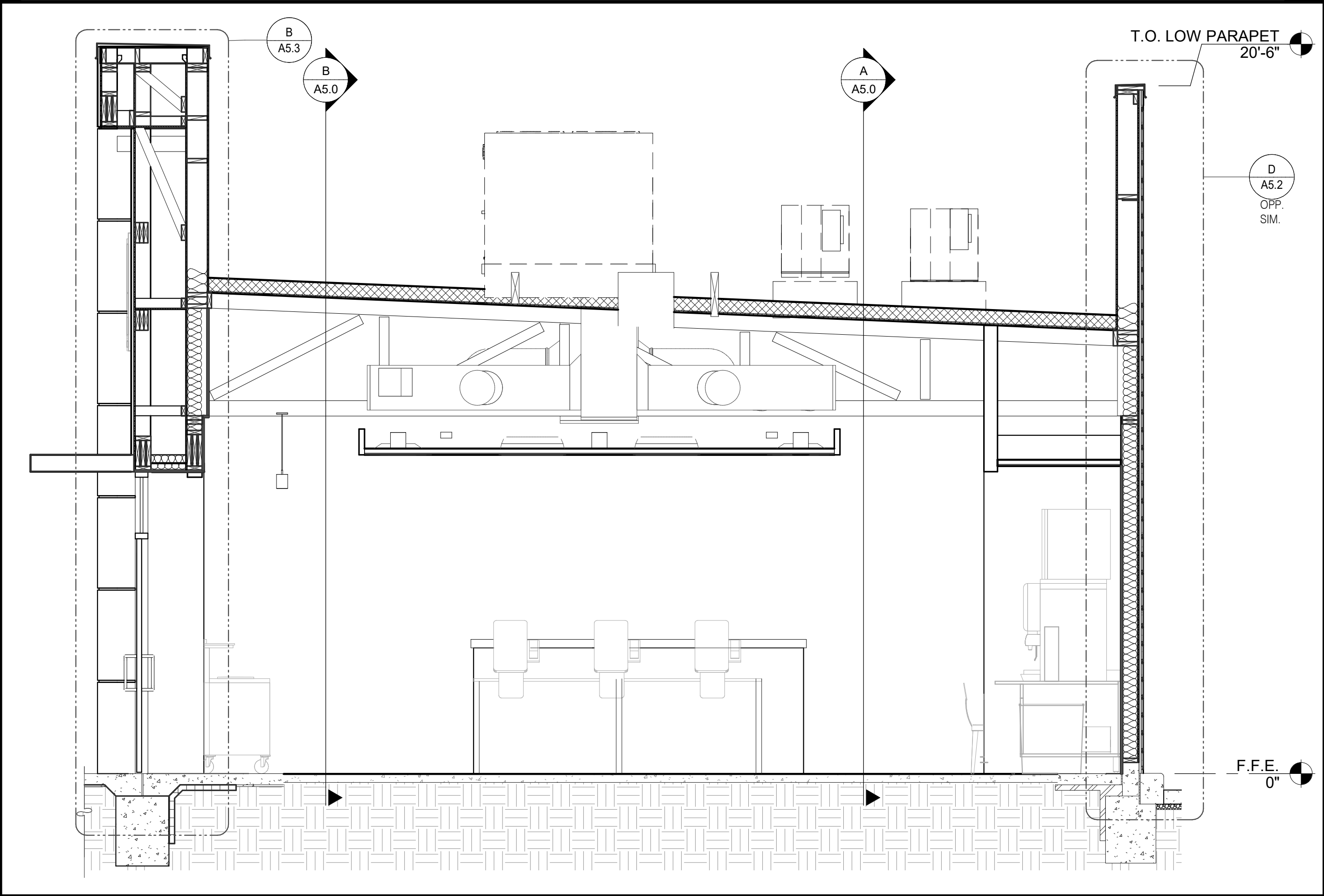
C:\Users\Gabe\Documents\TB 31567 Sheets\ NC EN60 20_Arch_R0_1p1.dwg 3/20/2022



LEFT TO RIGHT BUILDING SECTION 3/8" = 1'-0" D



LEFT TO RIGHT BUILDING SECTION 3/8" = 1'-0" A



LEFT TO RIGHT BUILDING SECTION 3/8" = 1'-0" B

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

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Professional Corporation - 52715

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DATE	REMARKS
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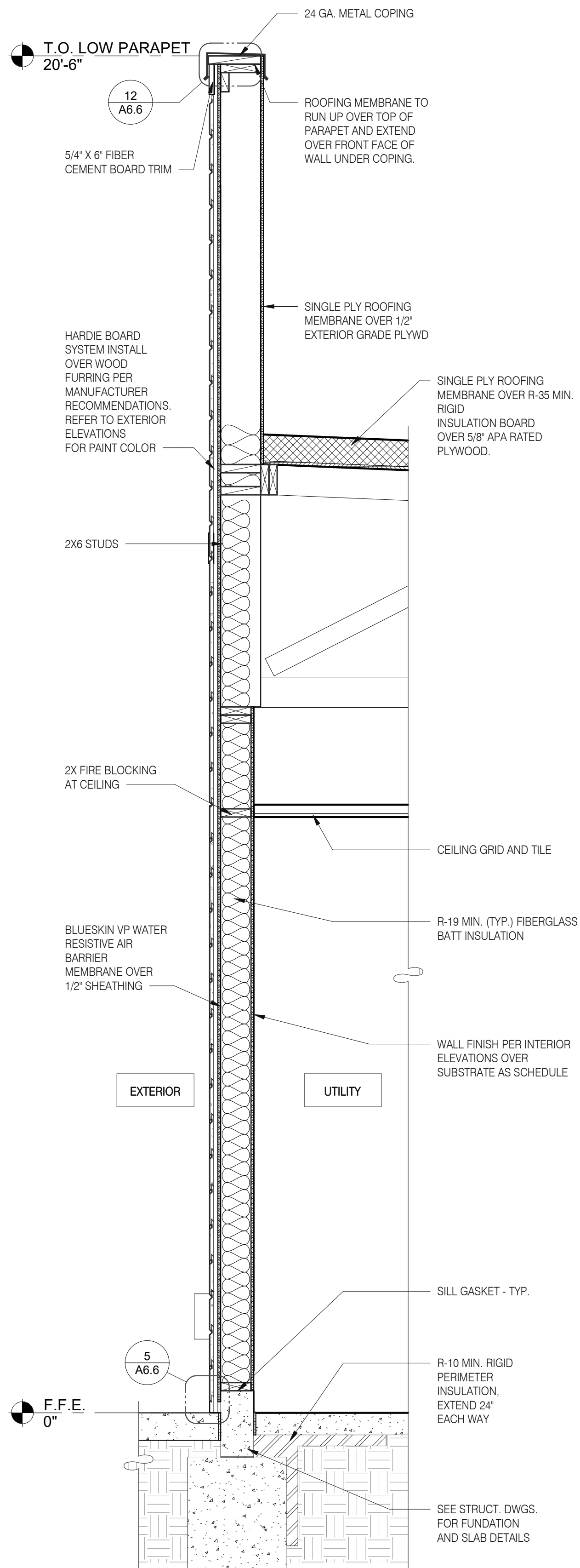
CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
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SITE NUMBER: 315647
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PA/PM: SM
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JOB NO.: 2021088.54

TACO BELL
2005 East Dixon Blvd.
Shelby, NC 28152

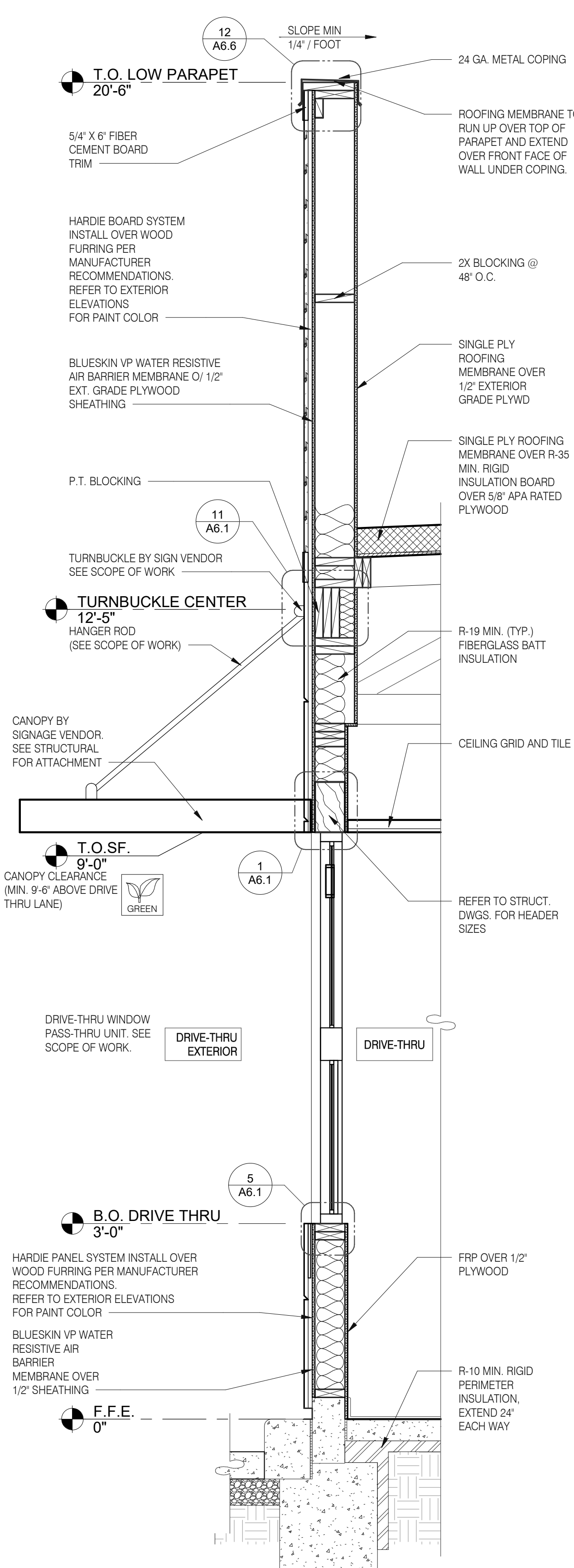


**ENDEAVOR 2.0
BUILDING
SECTIONS**

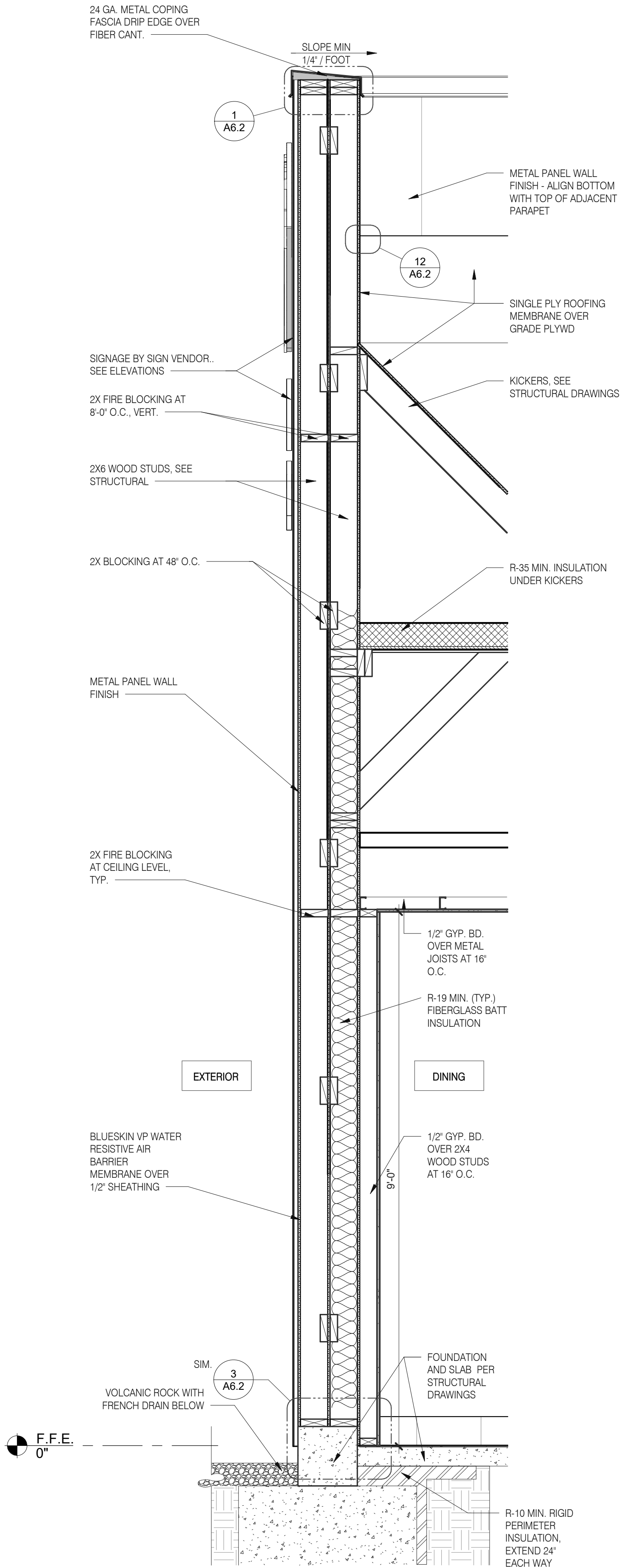
A5.1
PLOT DATE: 9/27/2022 9:49:17 AM



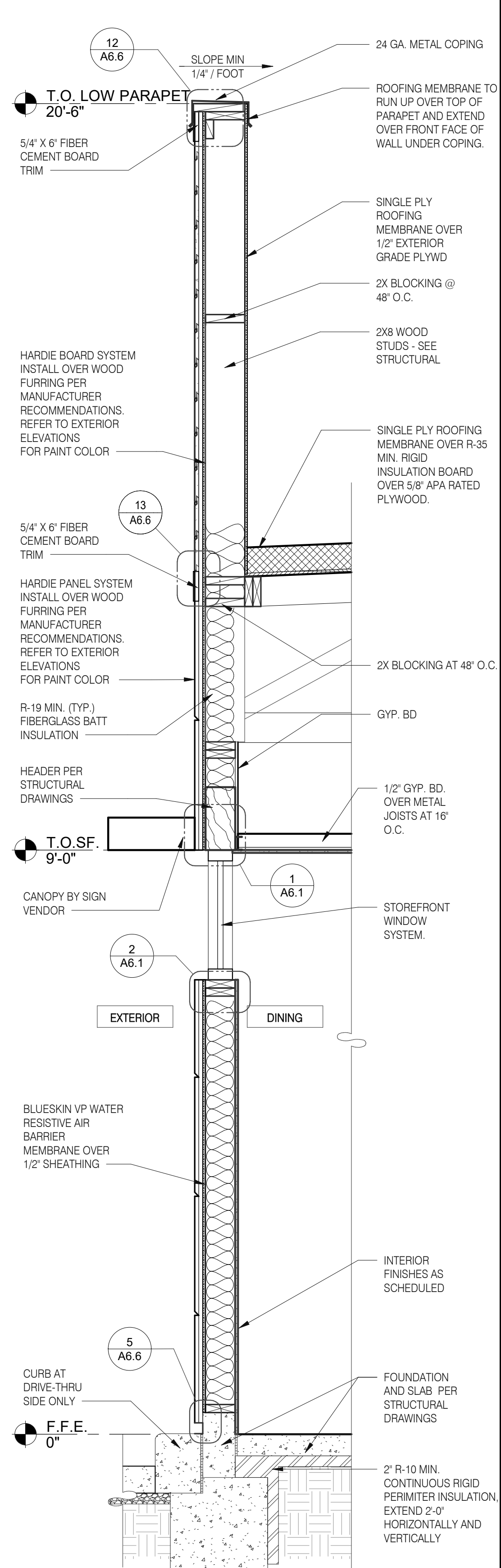
TYPICAL WALL SECTION 3/4" = 1'-0" D



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



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



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

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BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
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PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

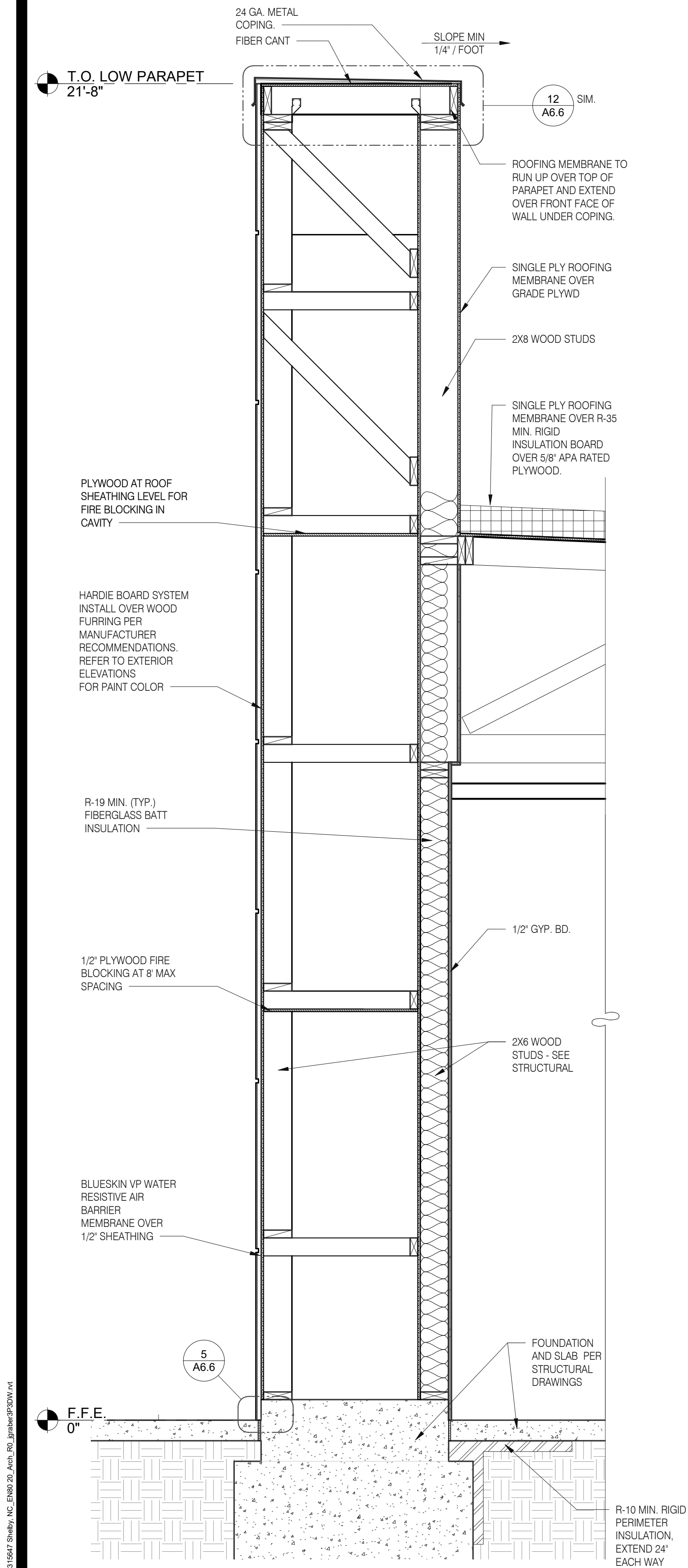
2005 East Dixon Blvd.
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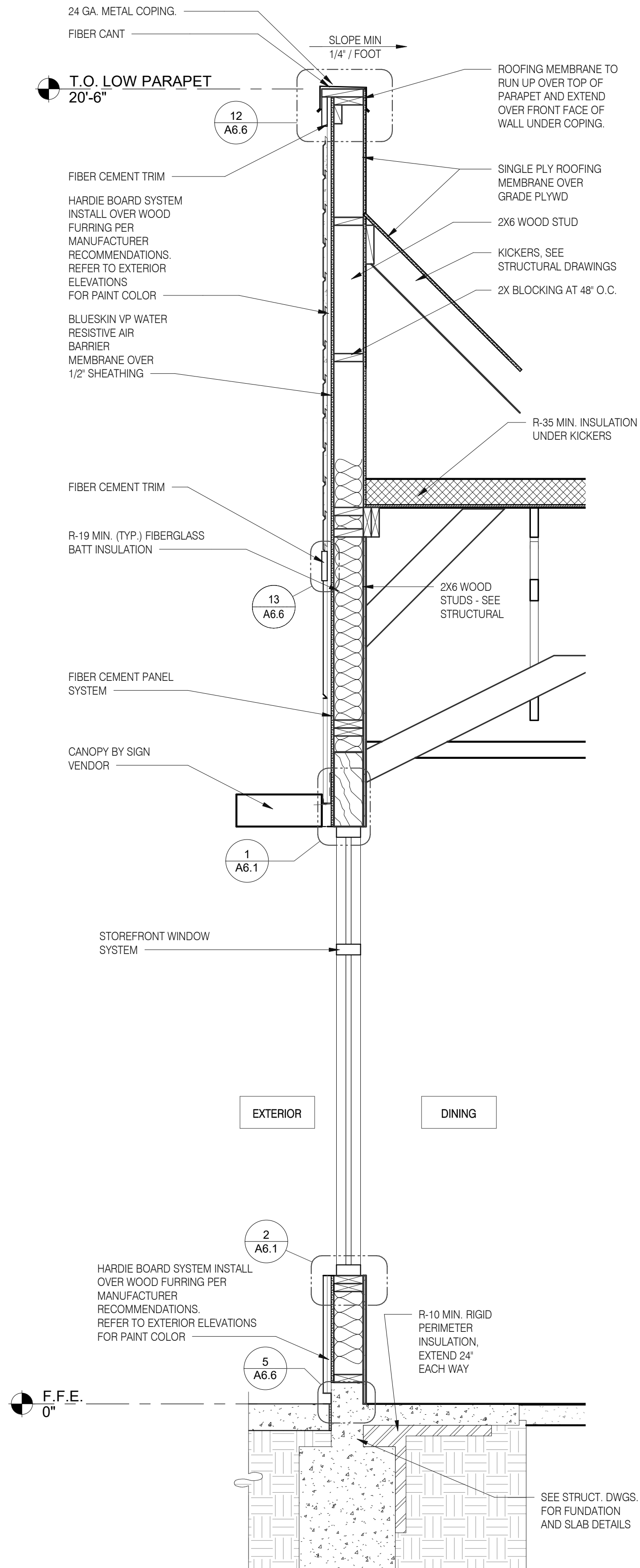
**ENDEAVOR 2.0
WALL
SECTIONS**

A5.2

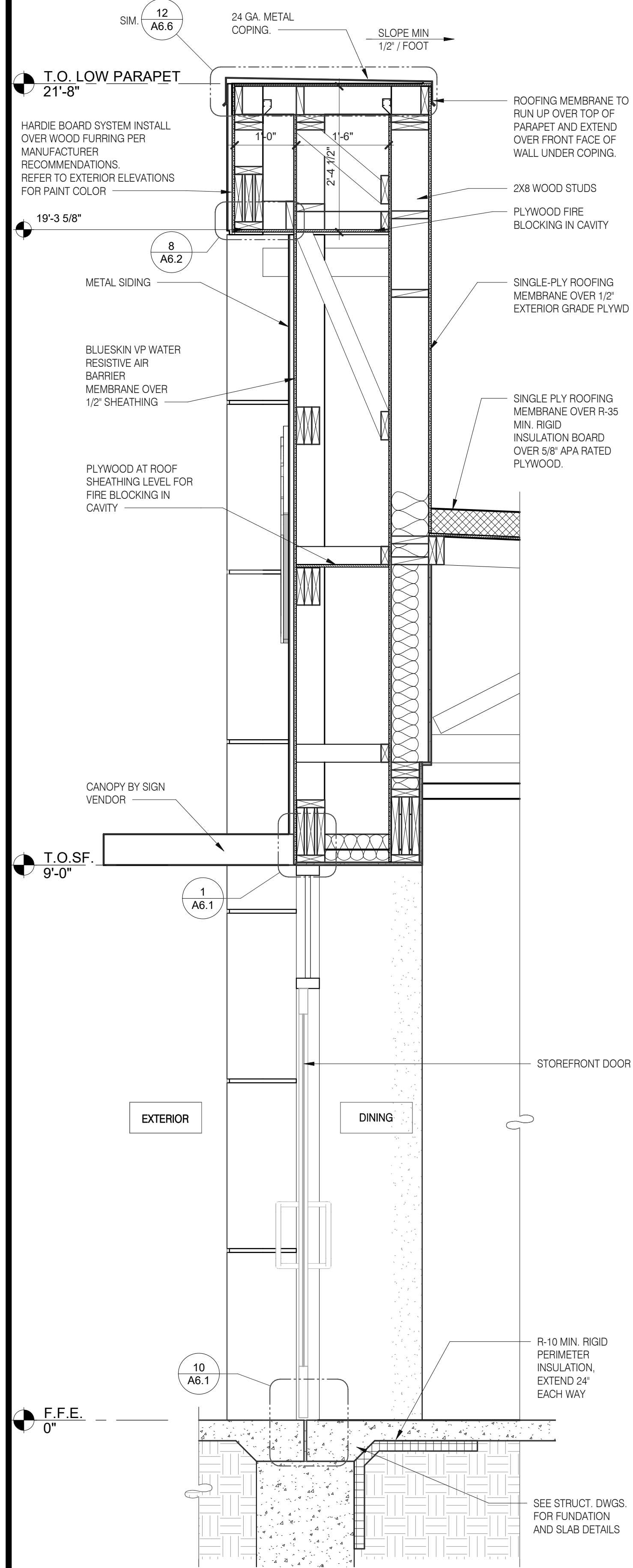
PLOT DATE: 9/27/2022 9:49:19 AM



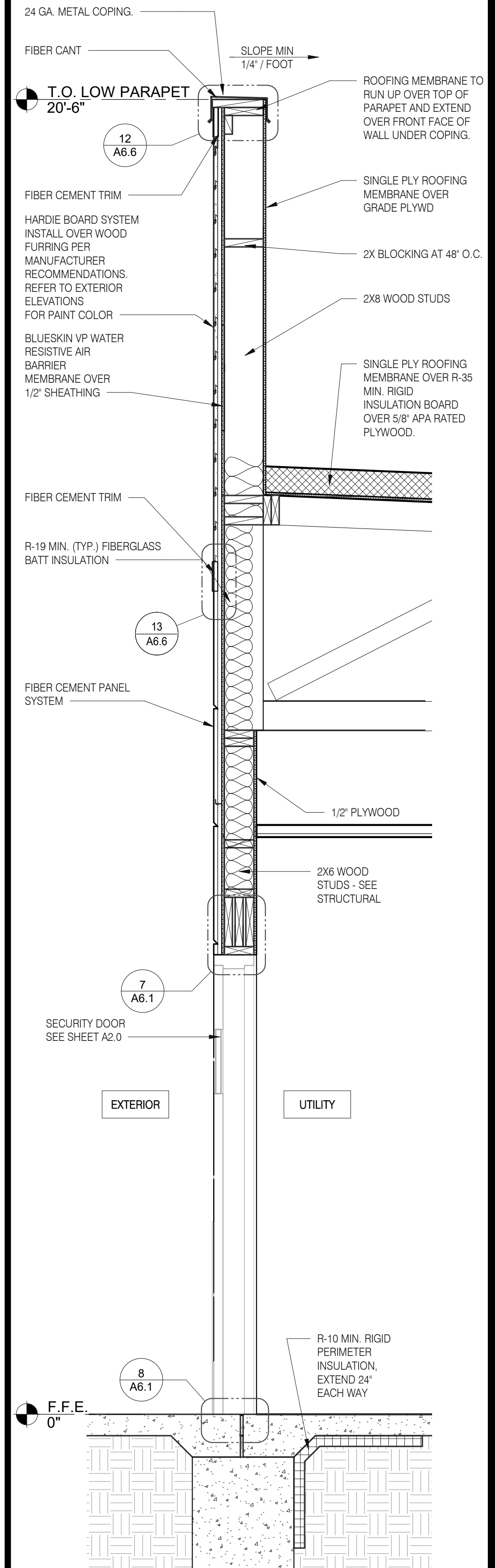
FRONT WALL SECTION 3/4" = 1'-0" D



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



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



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

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TACO BELL

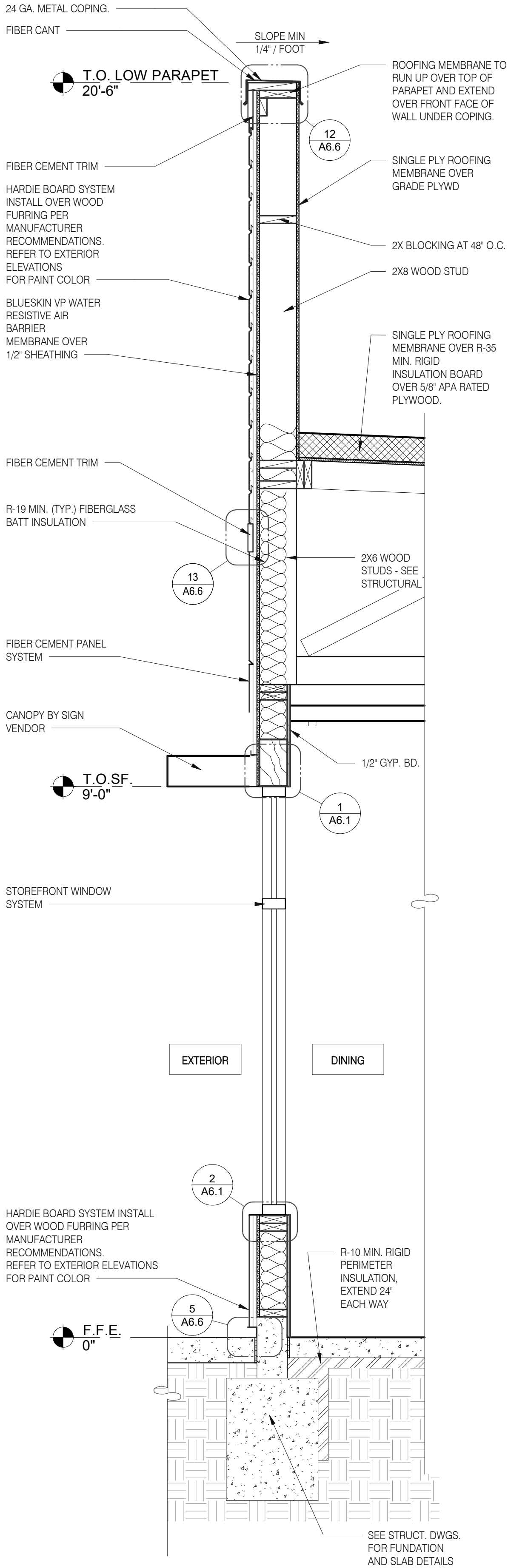
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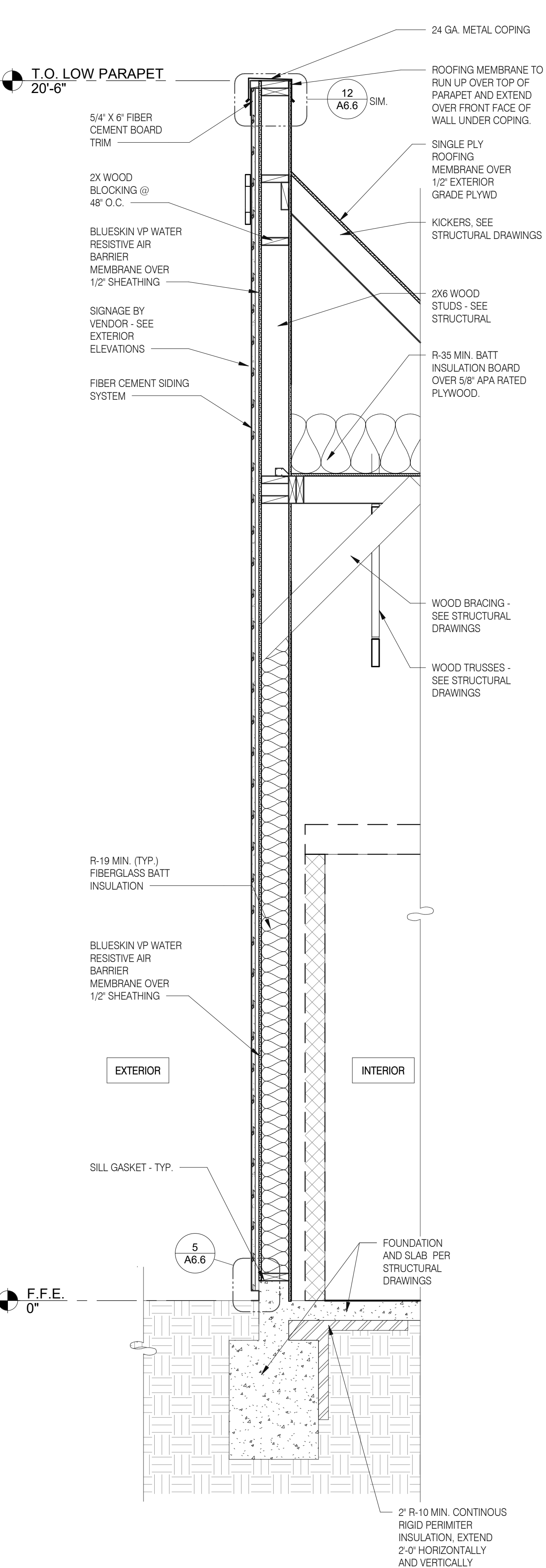
**ENDEAVOR 2.0
WALL
SECTIONS**

A5.3

PLOT DATE: 9/27/2022 9:49:21 AM



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



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

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STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

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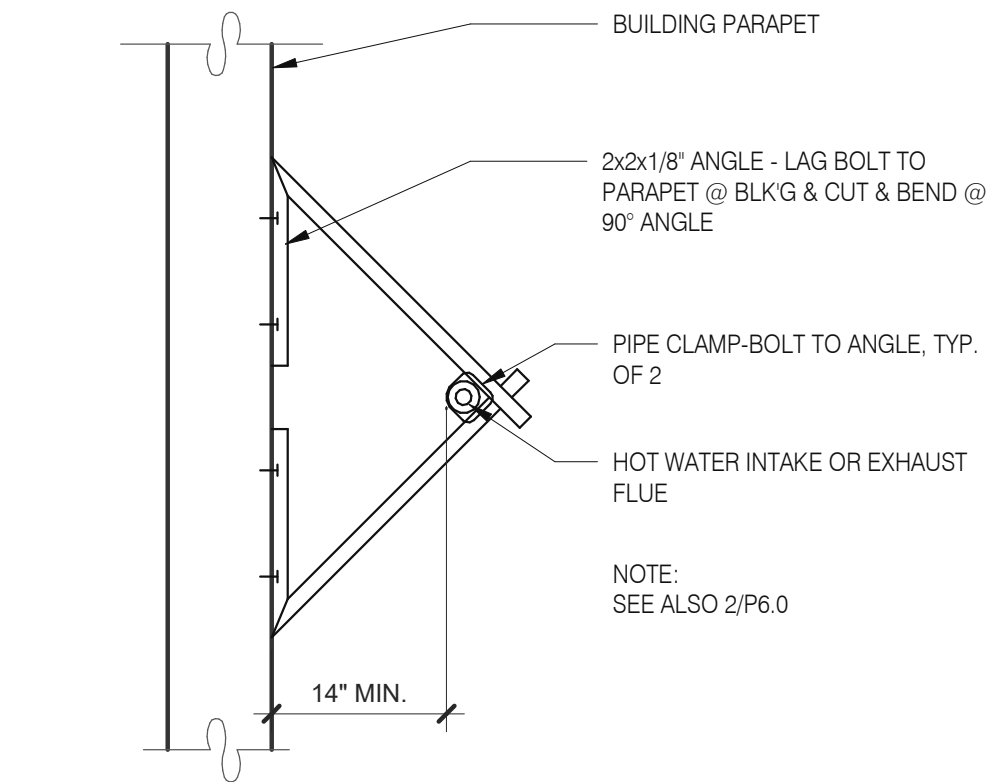
**ENDEAVOR 2.0
WALL
SECTIONS**

A5.4

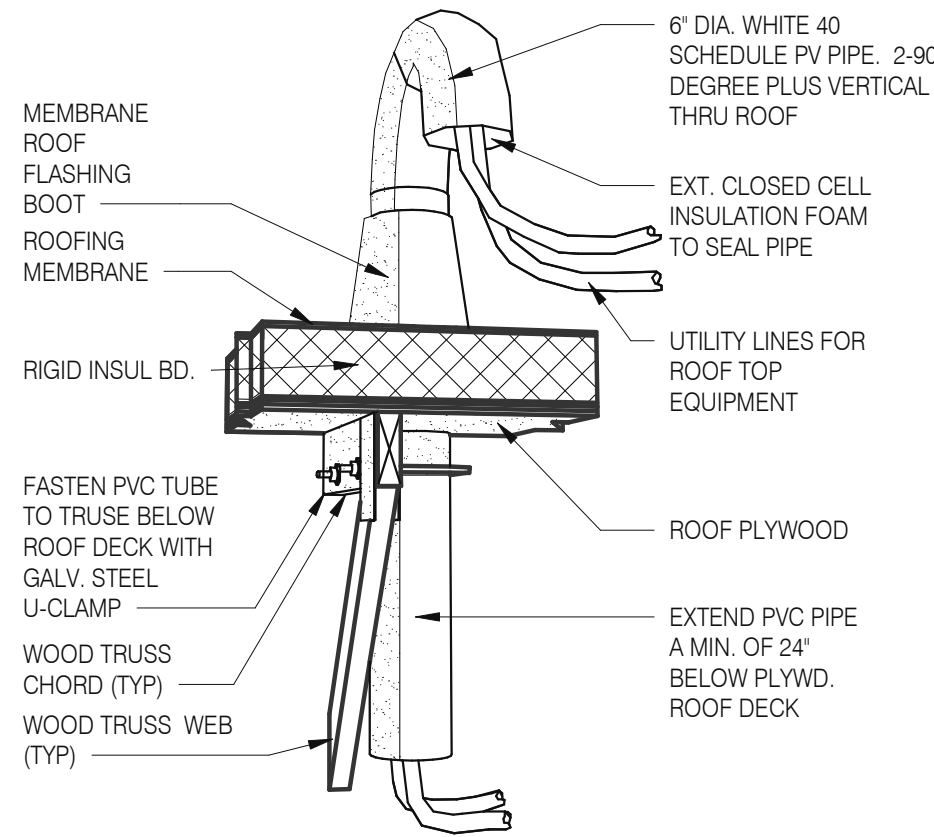
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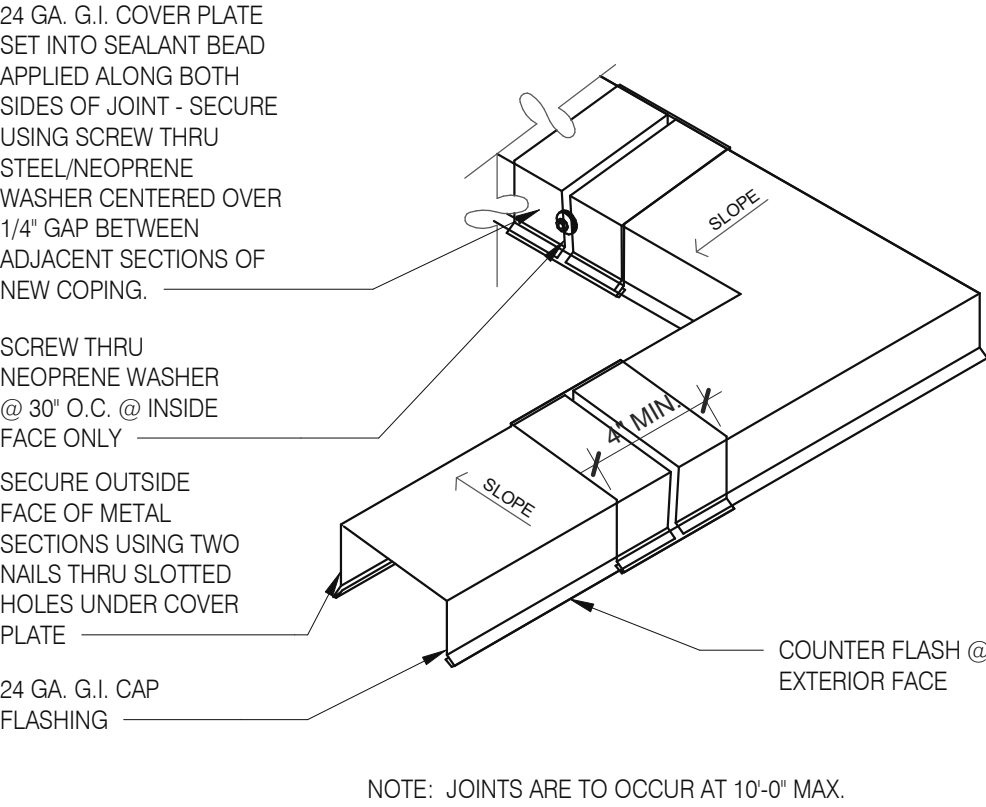
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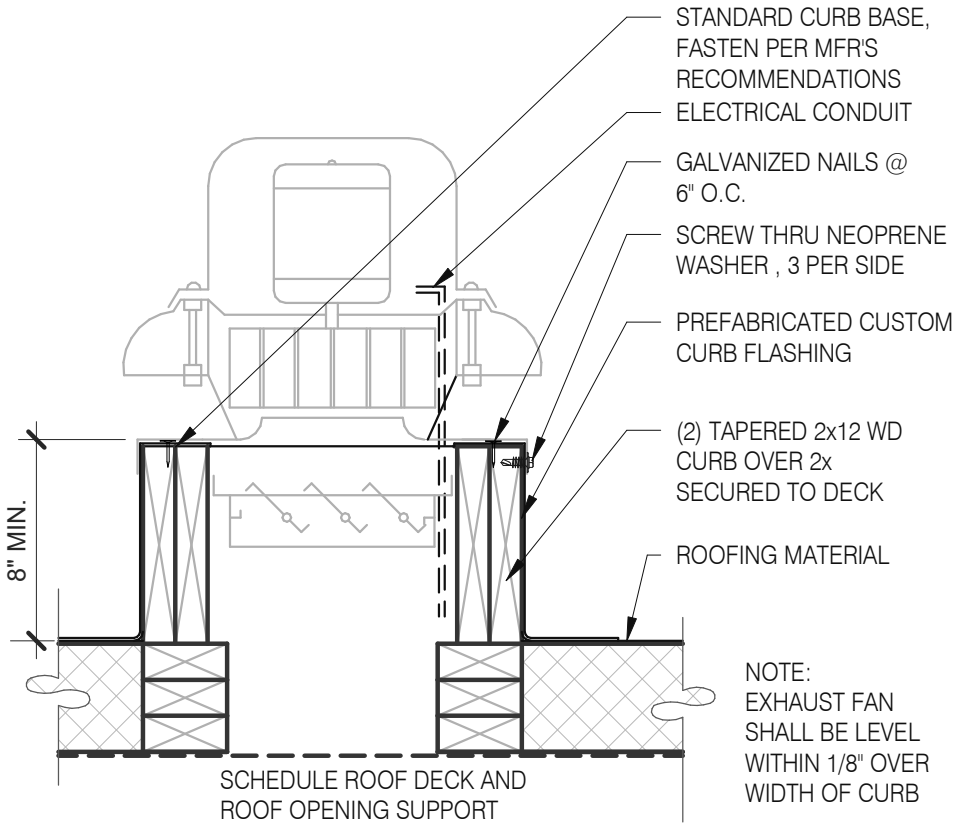
W.H. FLU / INTAKEN PIPE SUPPORT 3" = 1'-0" 13



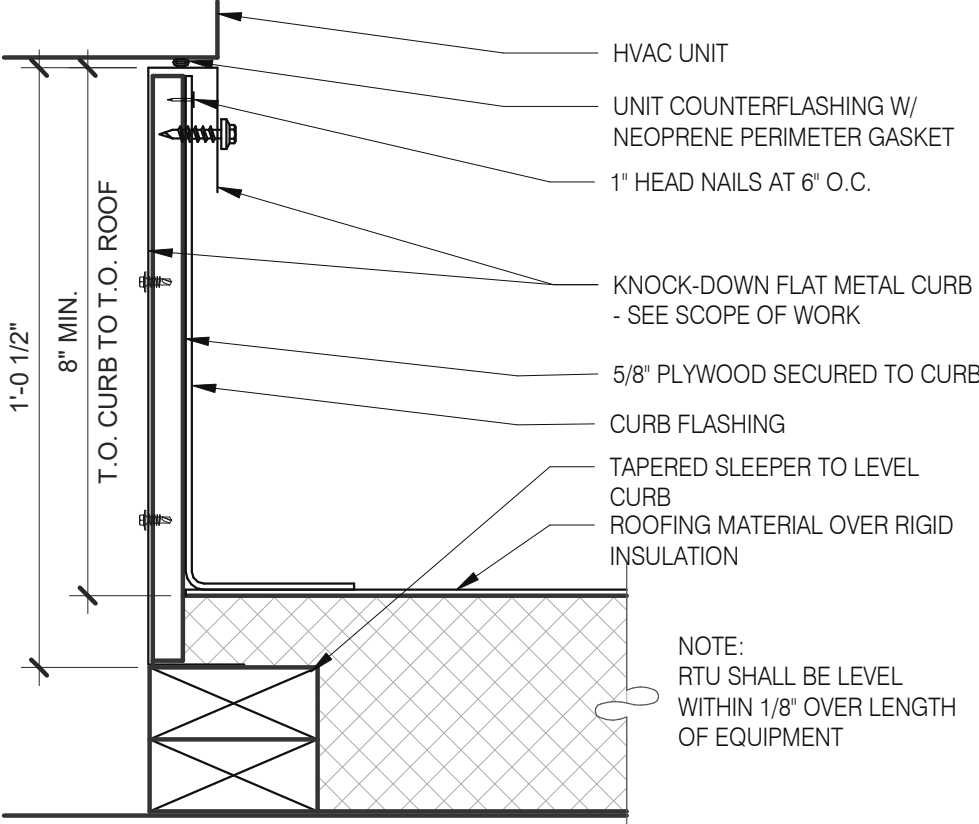
PIPE HOOD N.T.S. 9



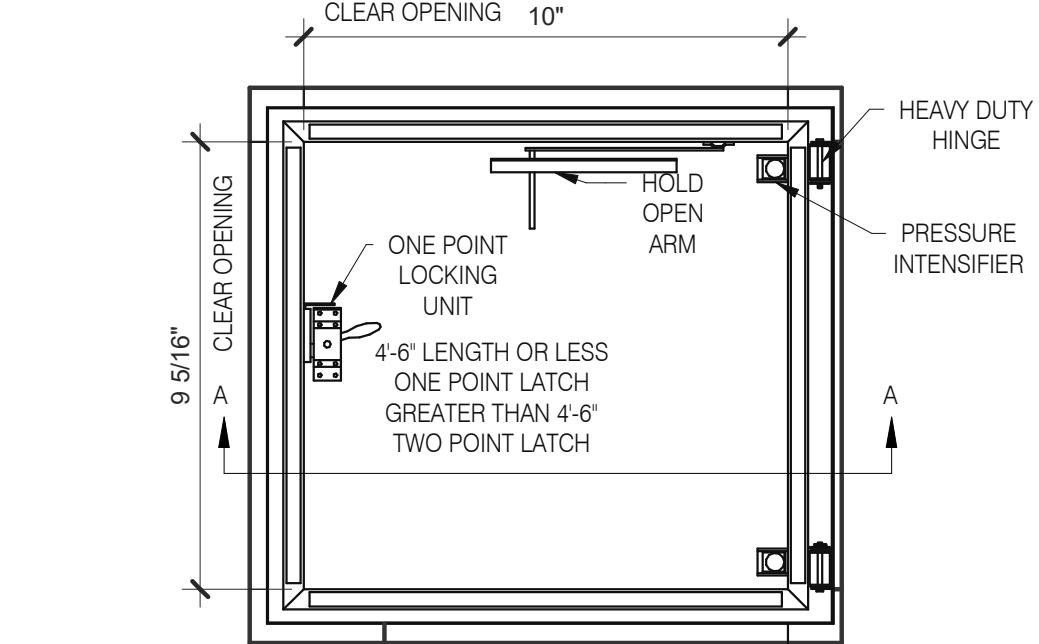
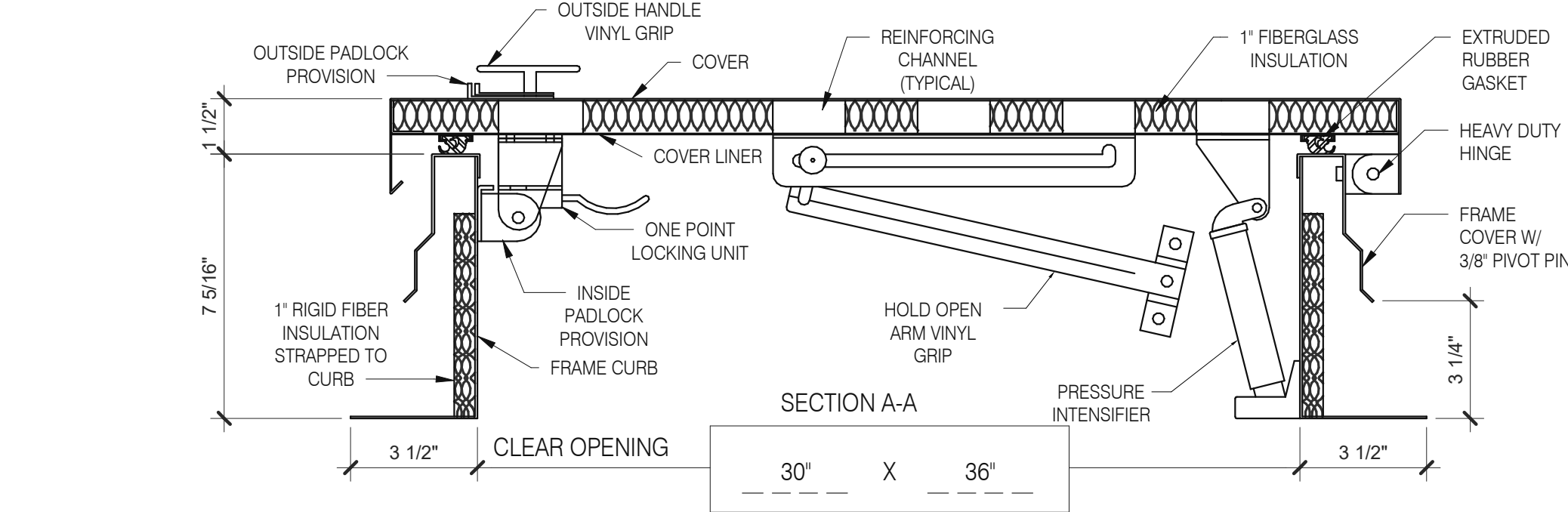
COPING JOINT N.T.S. 5



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



HVAC CURB 3" = 1'-0" 14

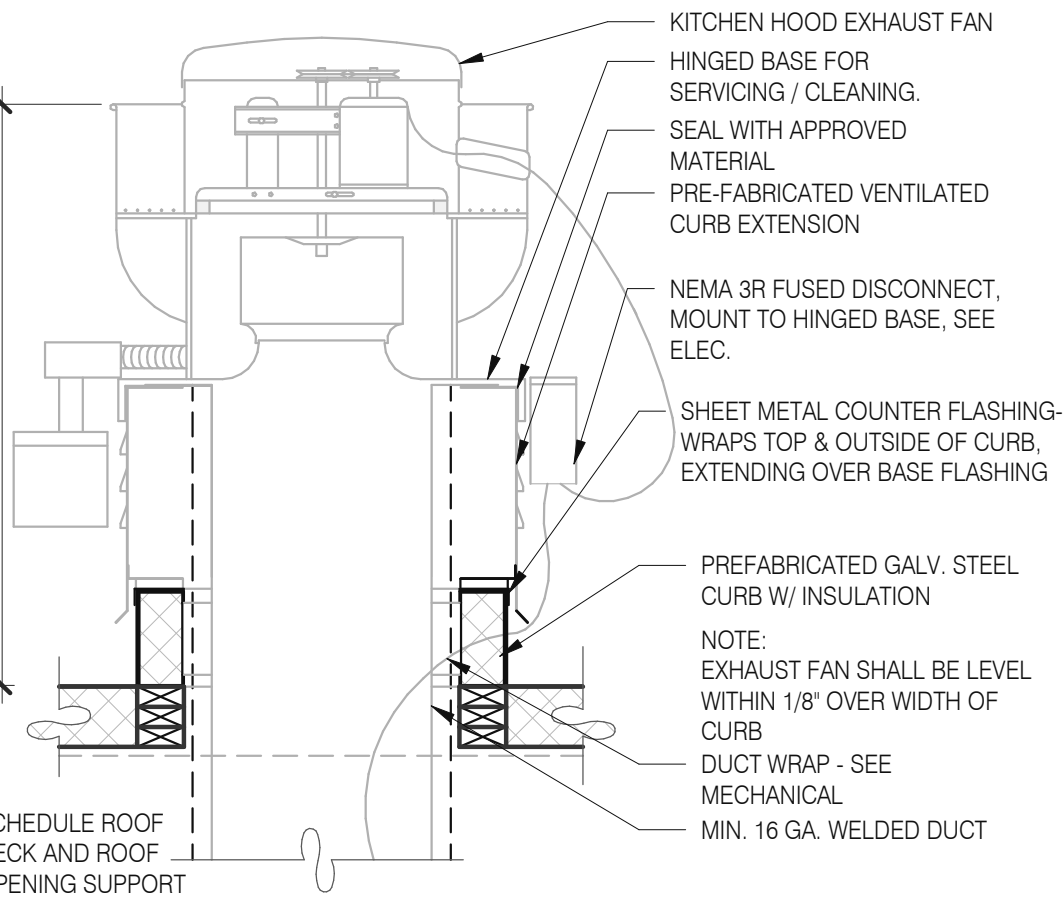


HATCH MATERIAL:
GALVANIZED STEEL (PRIME PAINTED)
COVER - 14 GA. GALV. STEEL
FRAME COVER - 14 GA. GALV. STEEL
FRAME CURB - 14 GA. GALV. STEEL
COVER LINER - 22 GA. GALV. STEEL

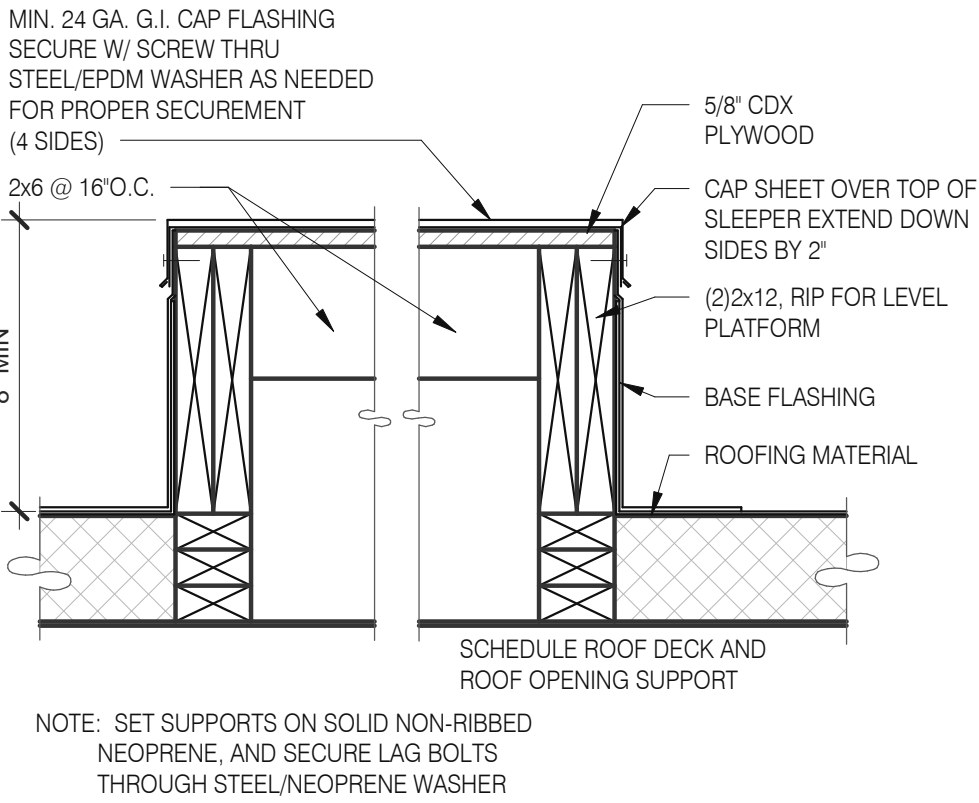
HATCH FINISH:
GALV - PRIME PAINTED

MANUFACTURER:
PRECISION LADDERS, LLC OR EQUAL

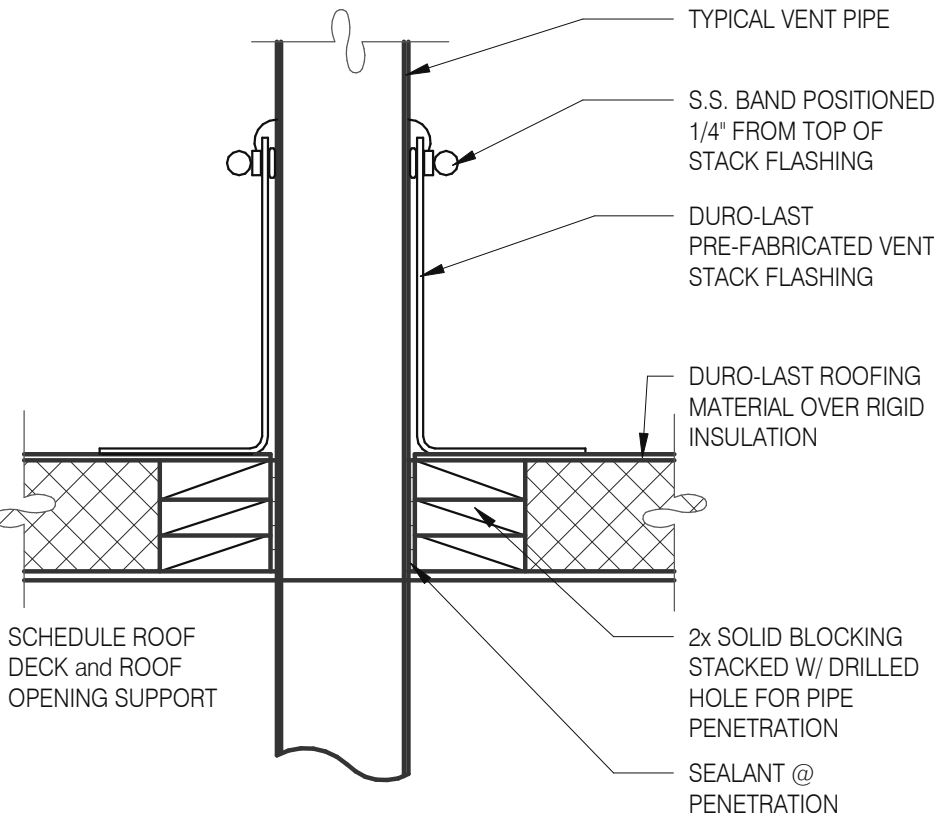
NOTES:
(1) ALL MOUNTING HARDWARE TO BE SUPPLIED BY OTHERS.
(2) FOR OPERATING EFFICIENCY, HATCH HARDWARE VARIES BY SIZE.
EXAMPLE MODEL#: PH- A/G OPENING SIZE IN FEET-INCHES (PH-G2630)



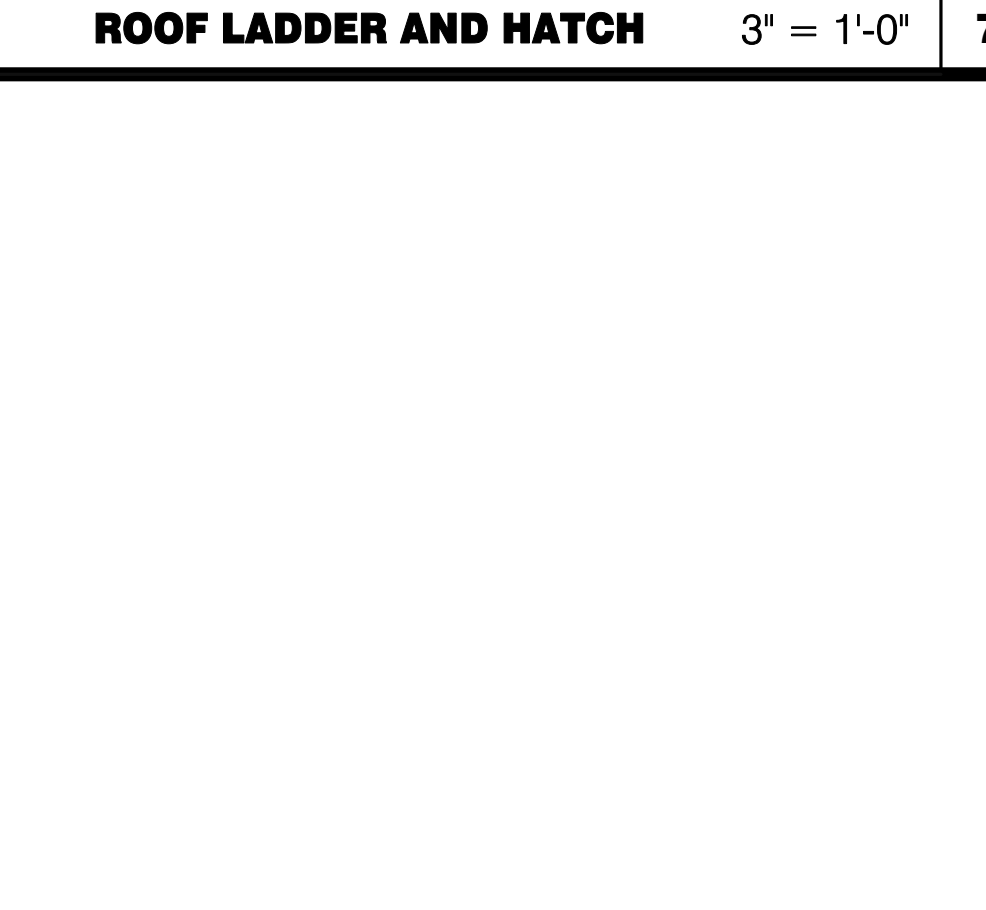
EXHAUST FAN CURB 3" = 1'-0" 19



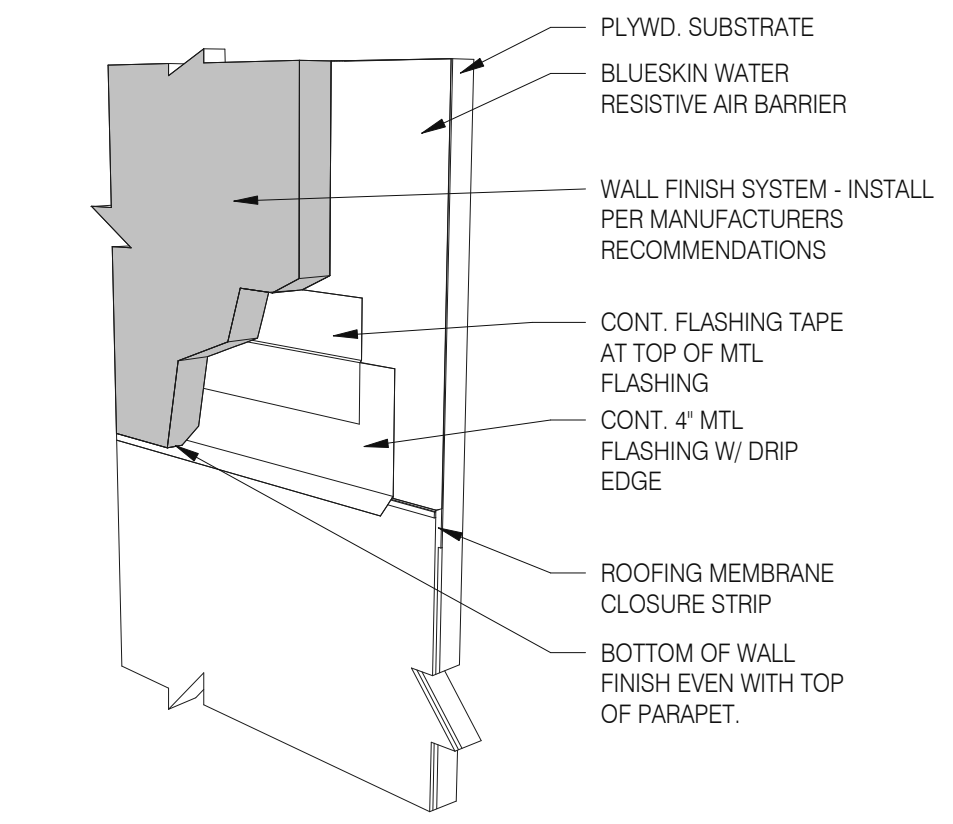
EQUIPMENT PLATFORM SUPPORT 3" = 1'-0" 15



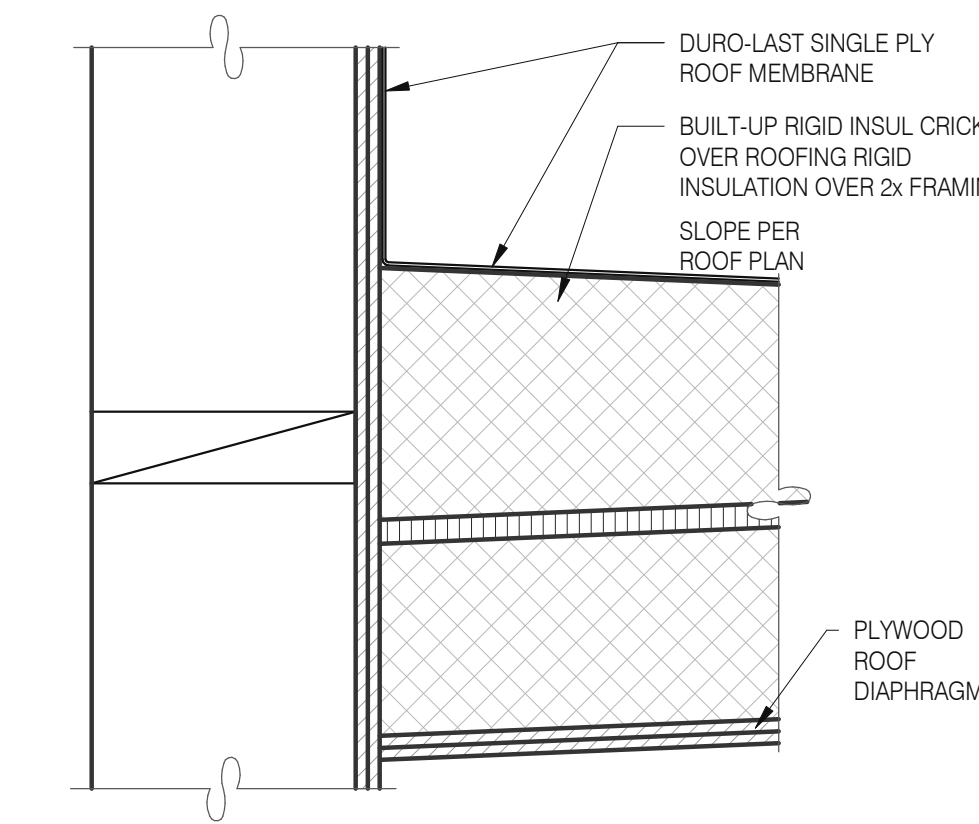
SEALED PIPE FLASHING 3" = 1'-0" 12



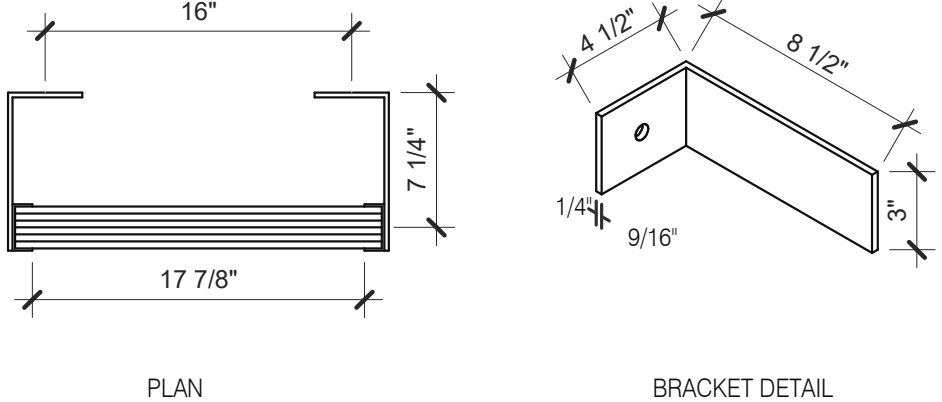
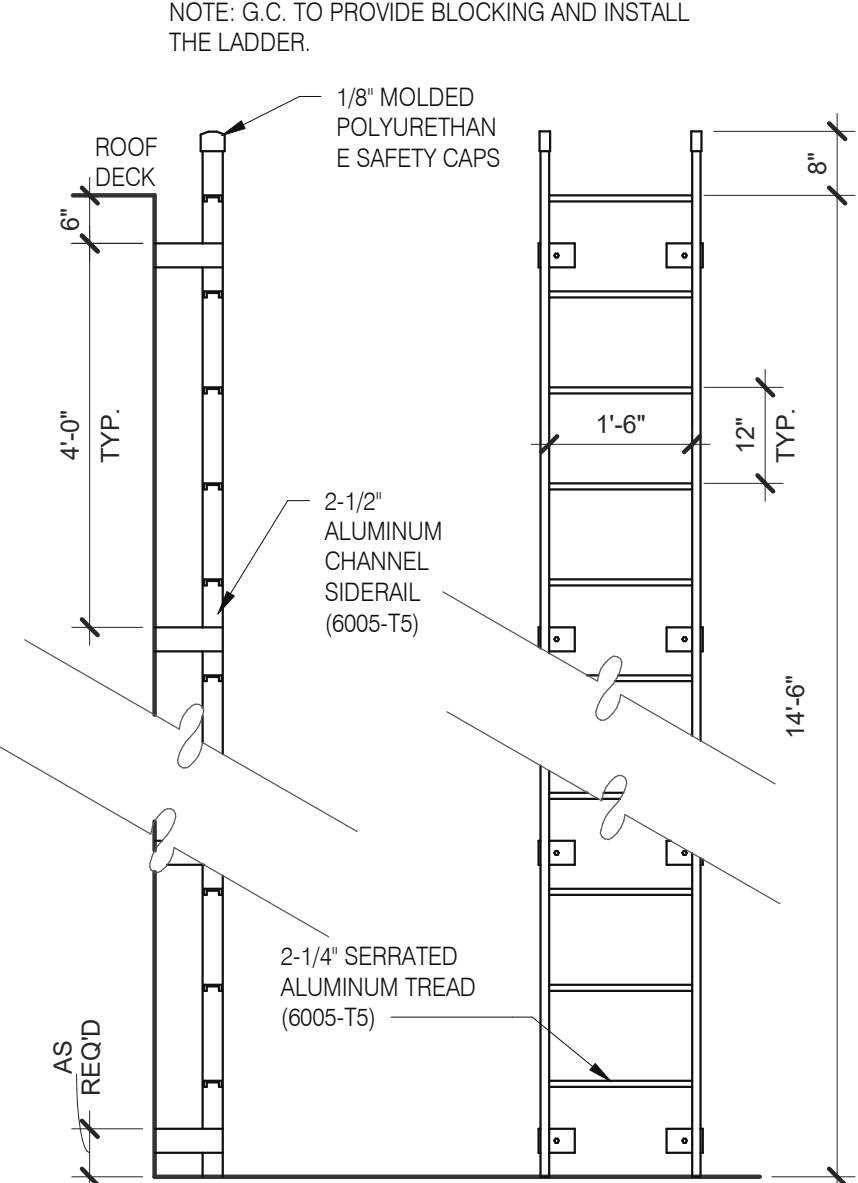
ROOF LADDER AND HATCH 3" = 1'-0" 7



WALL FINISH TO BASE FLASHING 3" = 1'-0" 20



CRICKET 3" = 1'-0" 16



ROOF LADDER N.T.S. 4

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JOB NO.: 2021088.54

TACO BELL

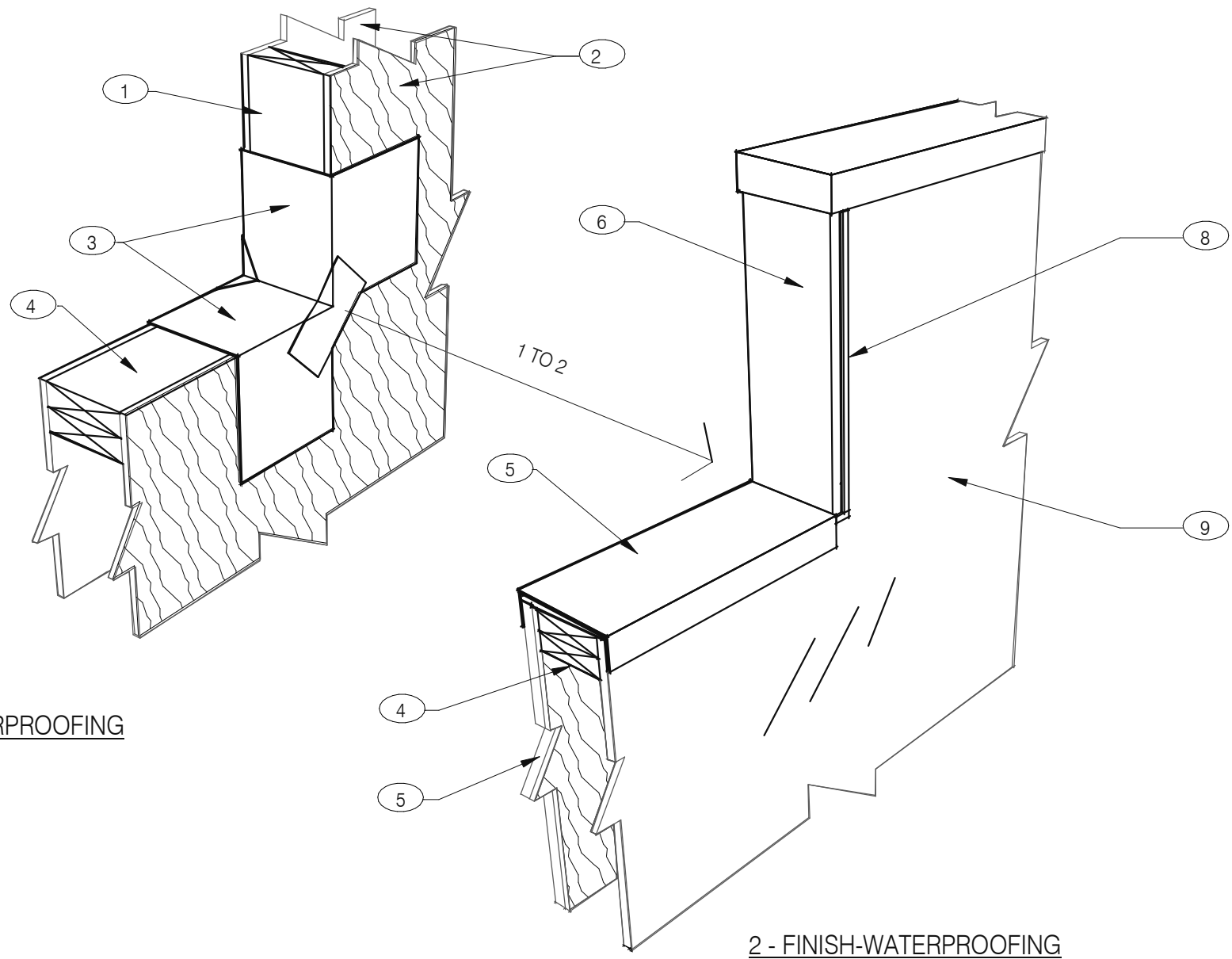
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ENDEAVOR 2.0
CONSTRUCTION
DETAILS ROOF

A6.0

PLOT DATE: 9/27/2022 9:49:26 AM



NOTES

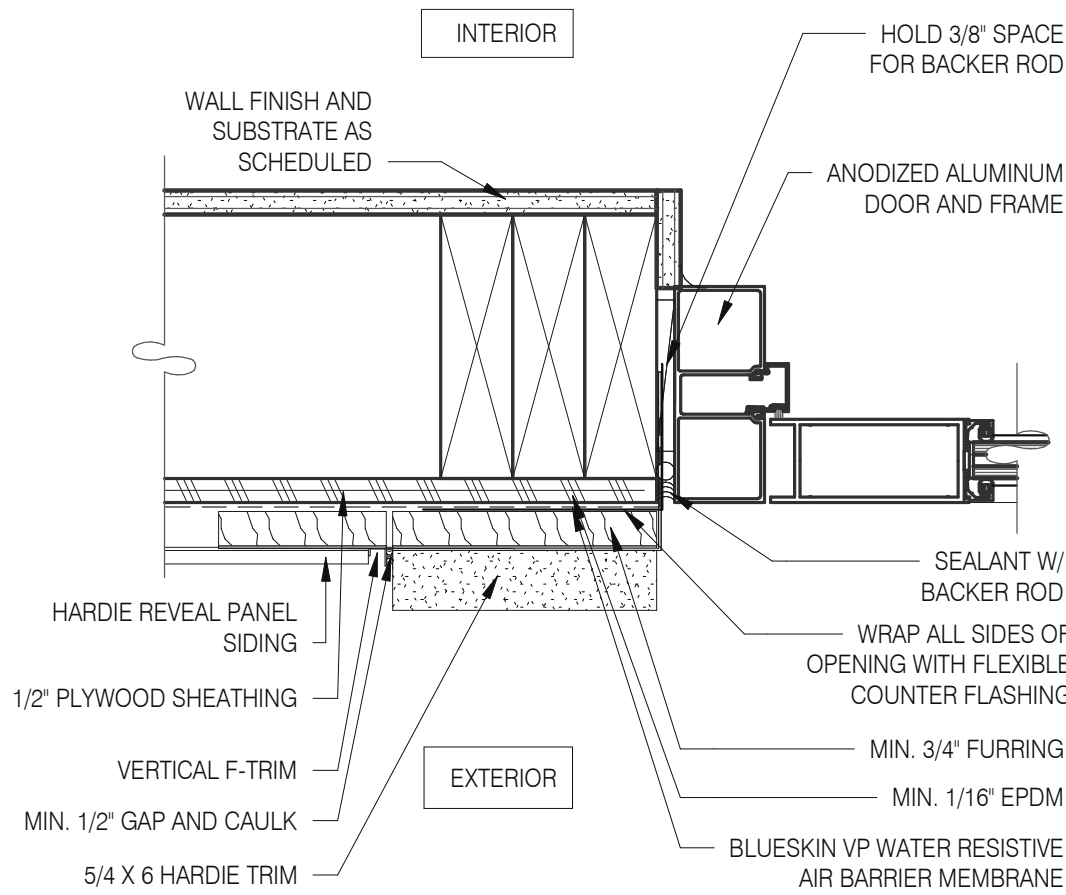
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING.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

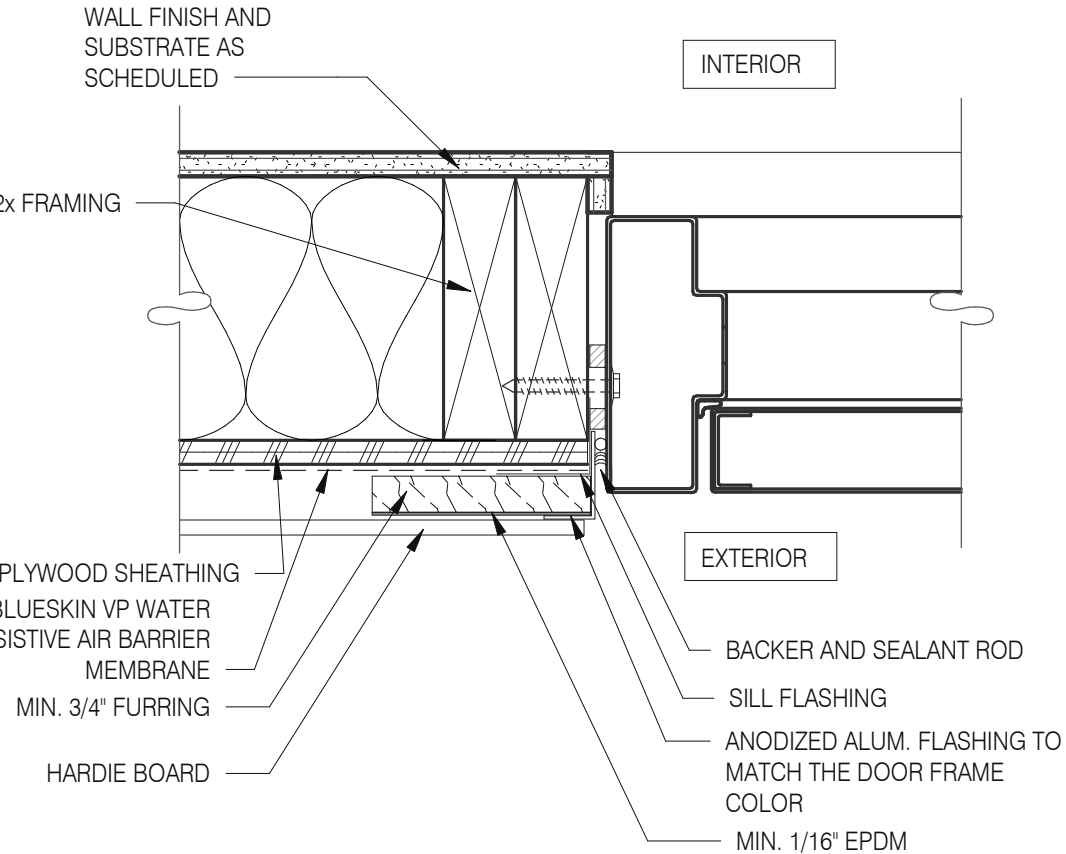
13



DOOR JAMB

3" = 1'-0"

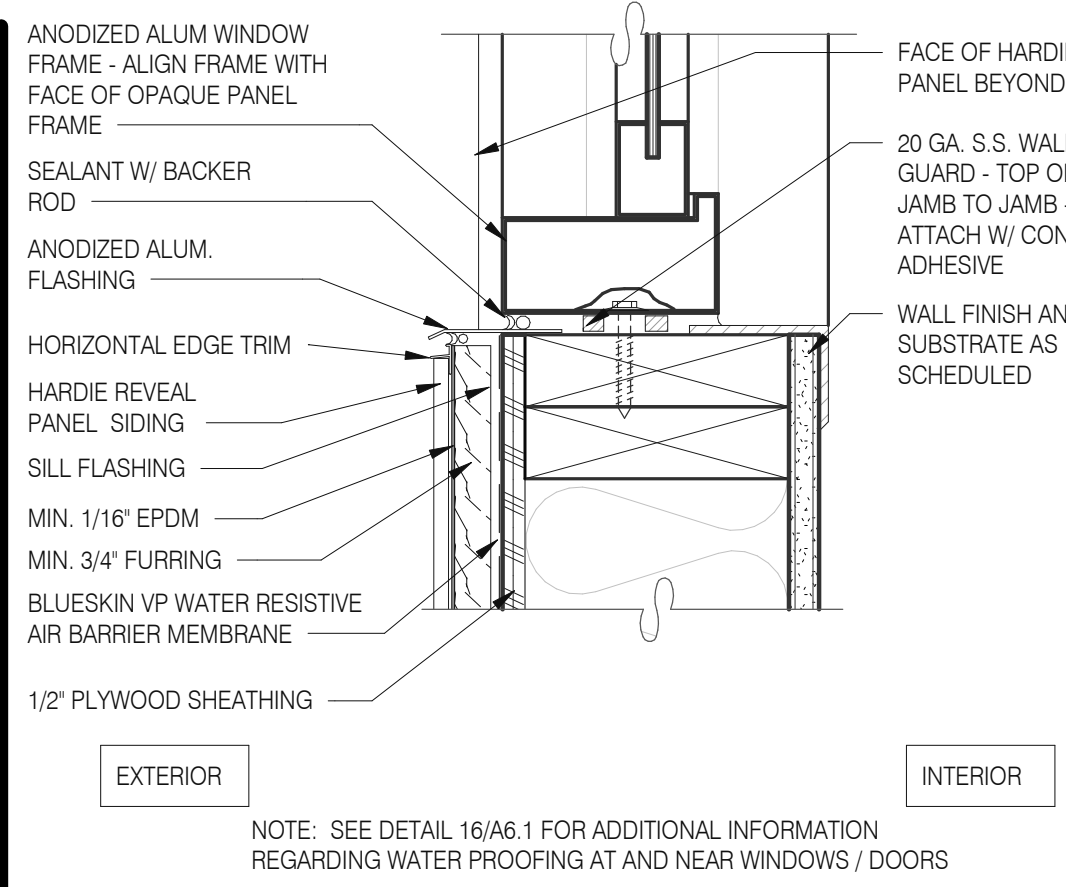
16



JAMB SERVICE DOOR

3" = 1'-0"

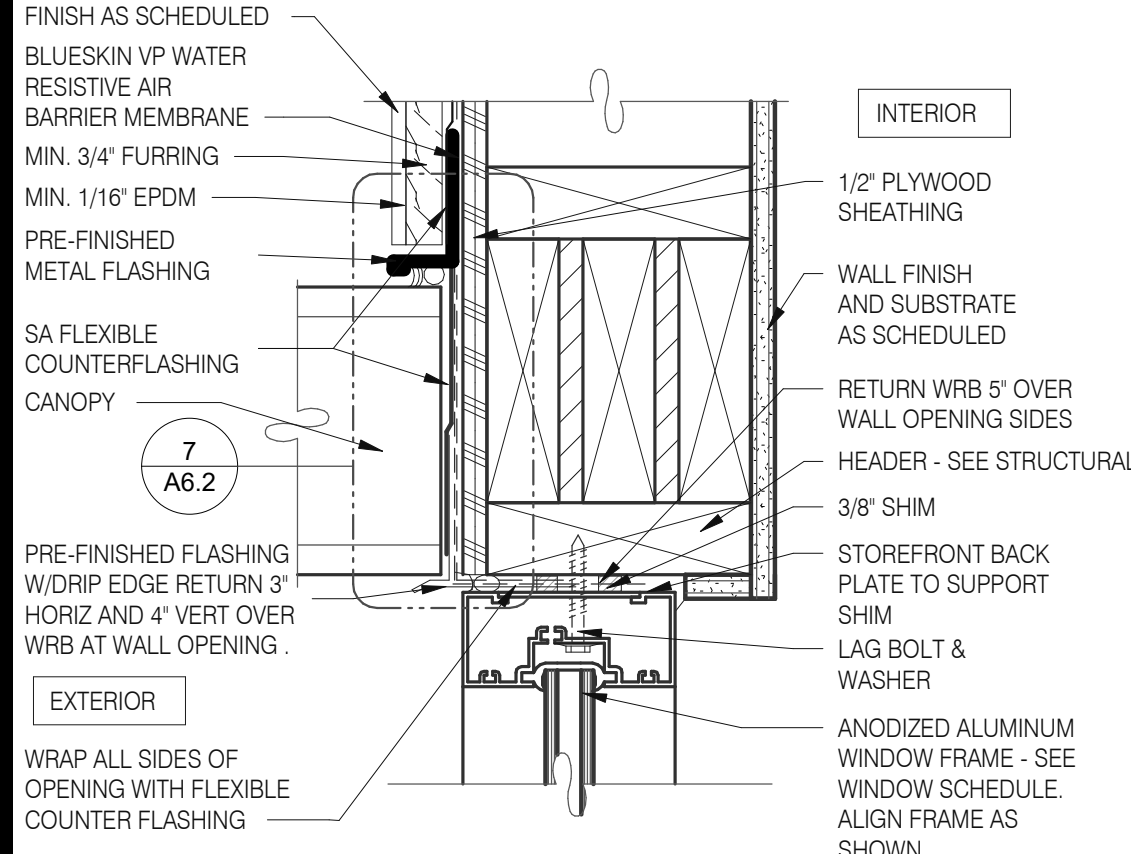
9



WINDOW SILL @ DRIVE THRU

3" = 1'-0"

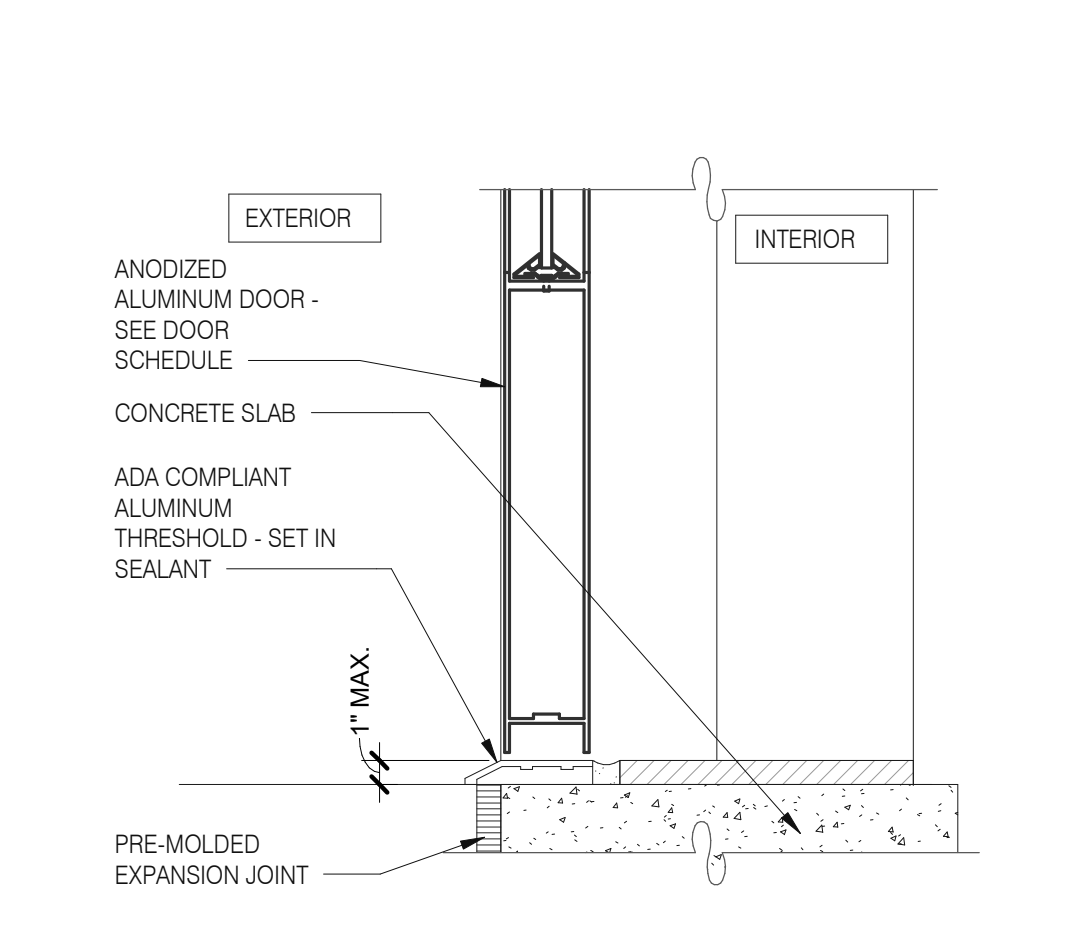
5



TYPICAL WINDOW HEAD W/ CANOPY

3" = 1'-0"

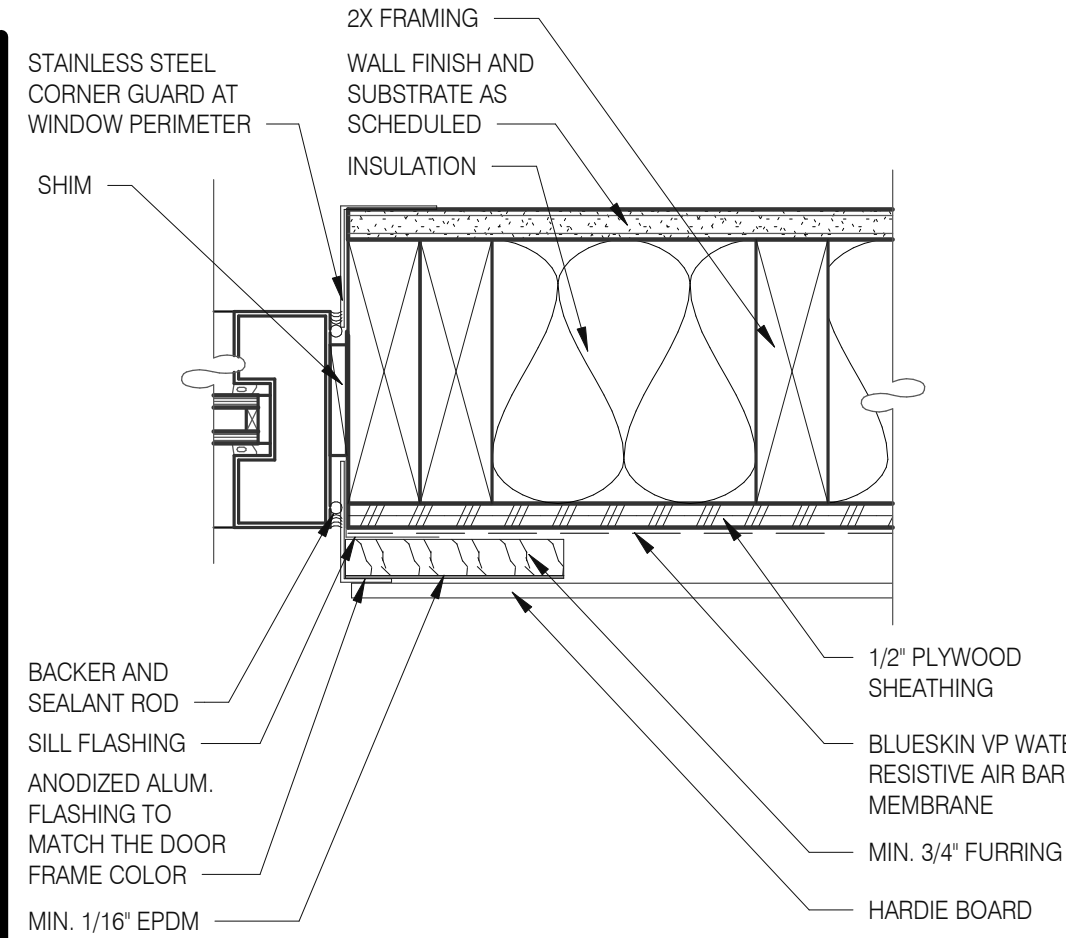
1



STOREFRONT DOOR SILL

3" = 1'-0"

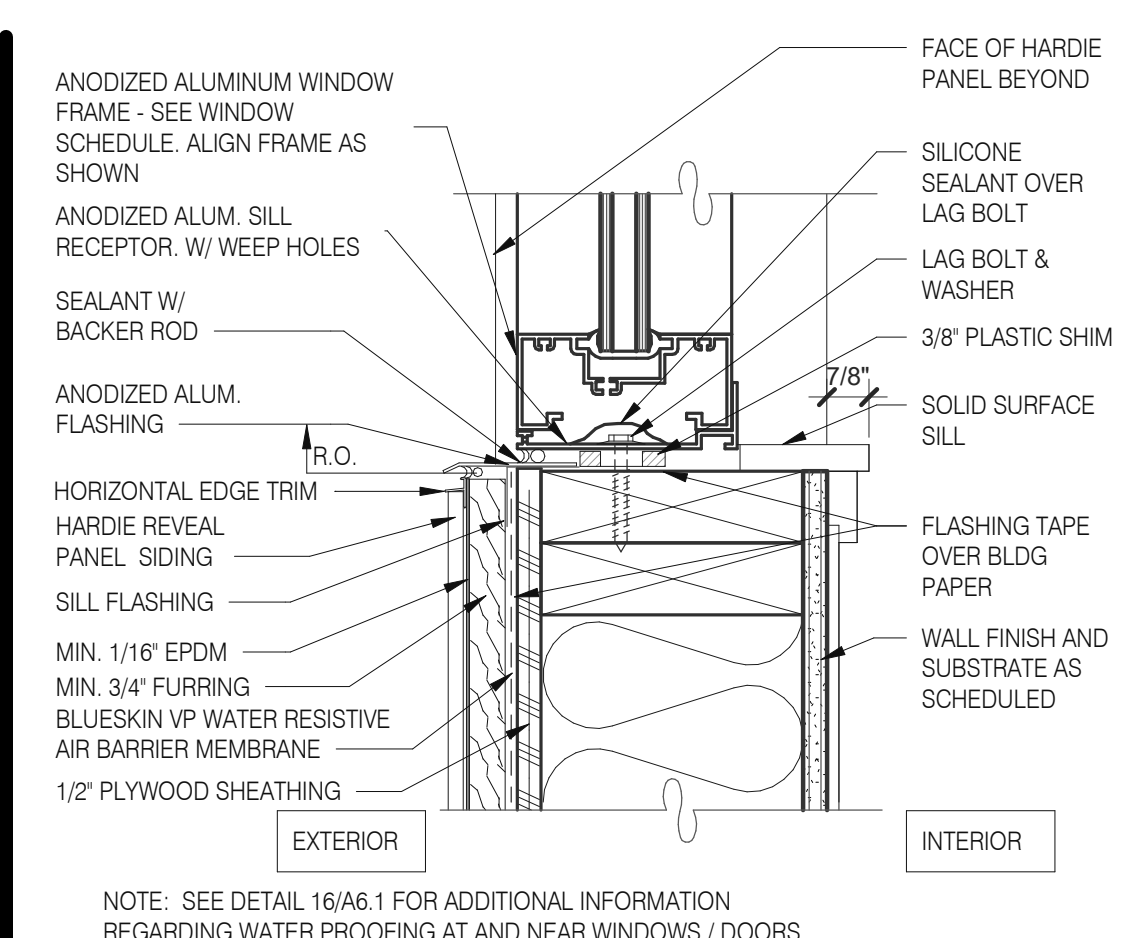
10



WINDOW JAMB @ DRIVE THRU

3" = 1'-0"

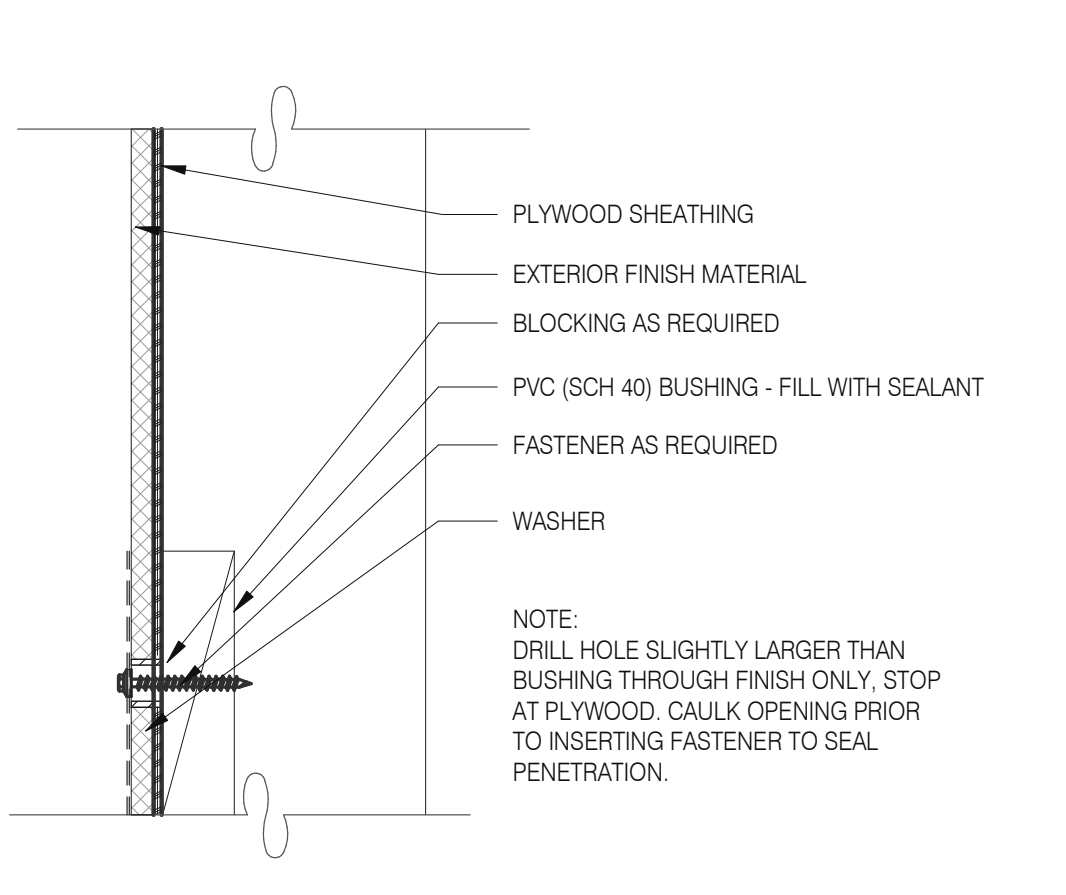
6



TYPICAL WINDOW SILL

3" = 1'-0"

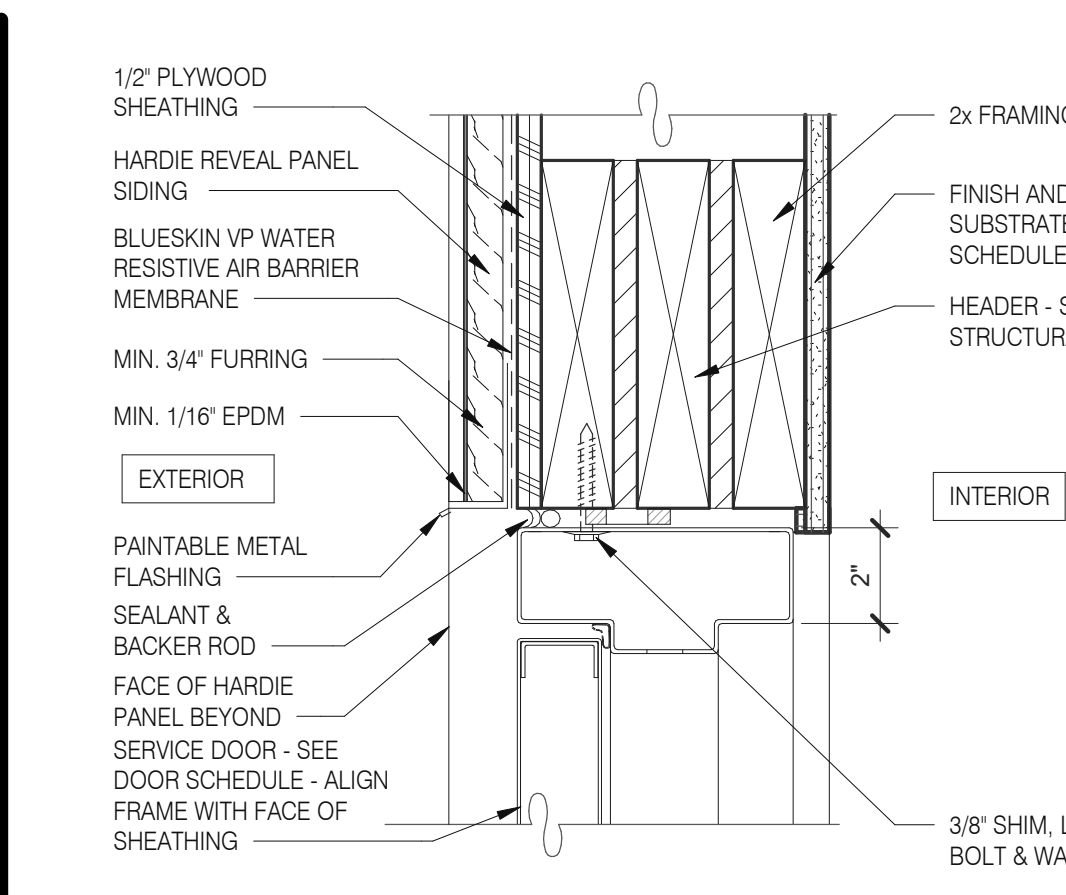
2



CONNECTION THRU EXT. FINISH

1" = 1'-0"

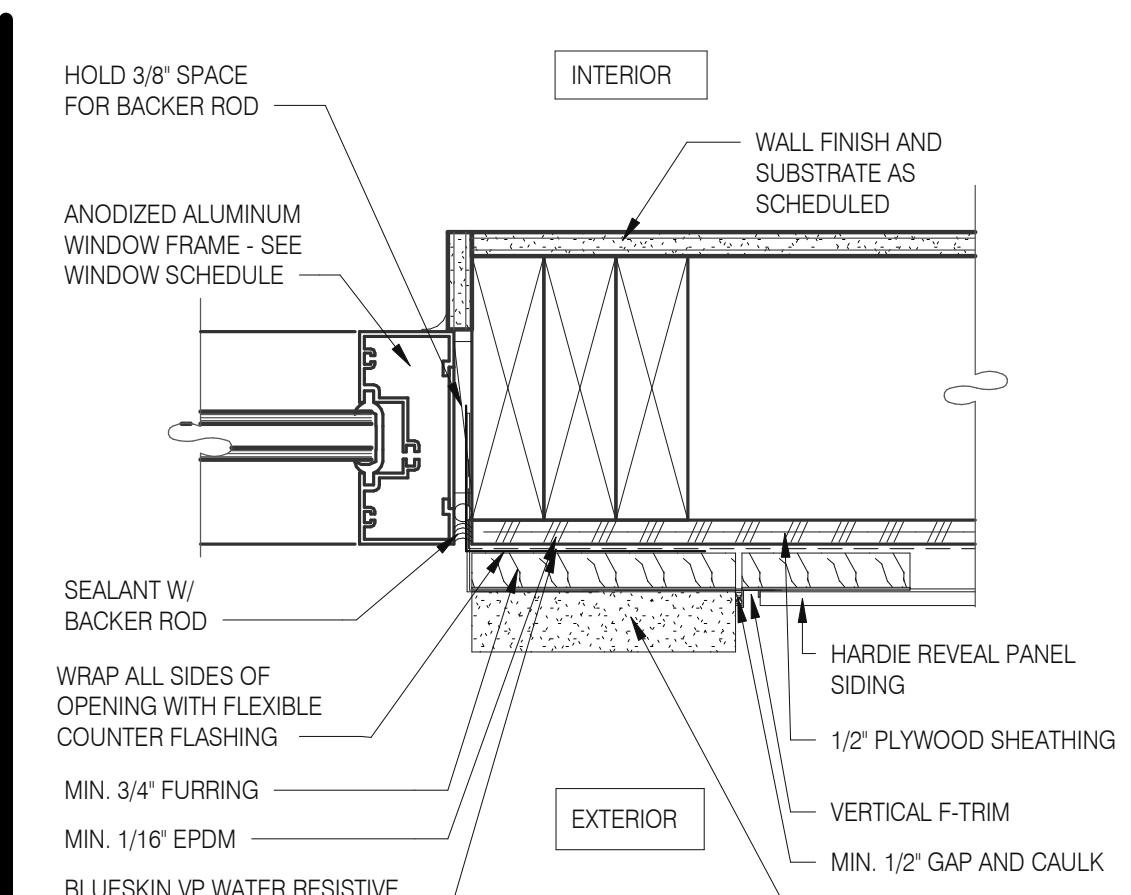
11



HEAD/ JAMB @ SERVICE DOOR

3" = 1'-0"

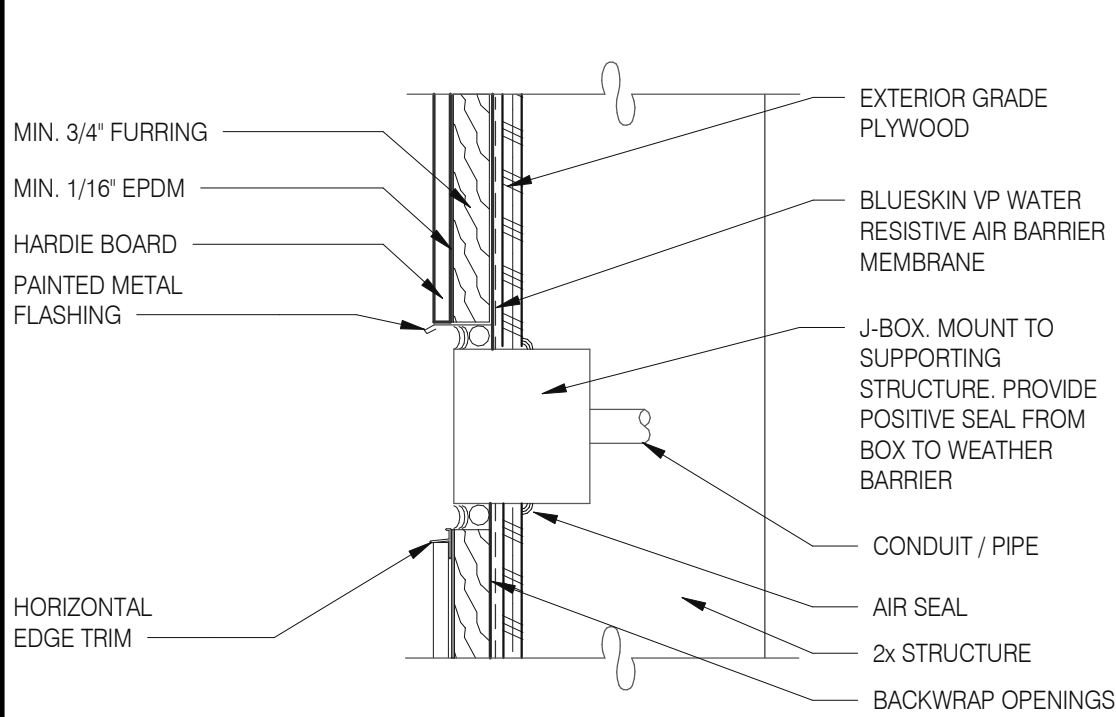
7



TYPICAL WINDOW JAMB

3" = 1'-0"

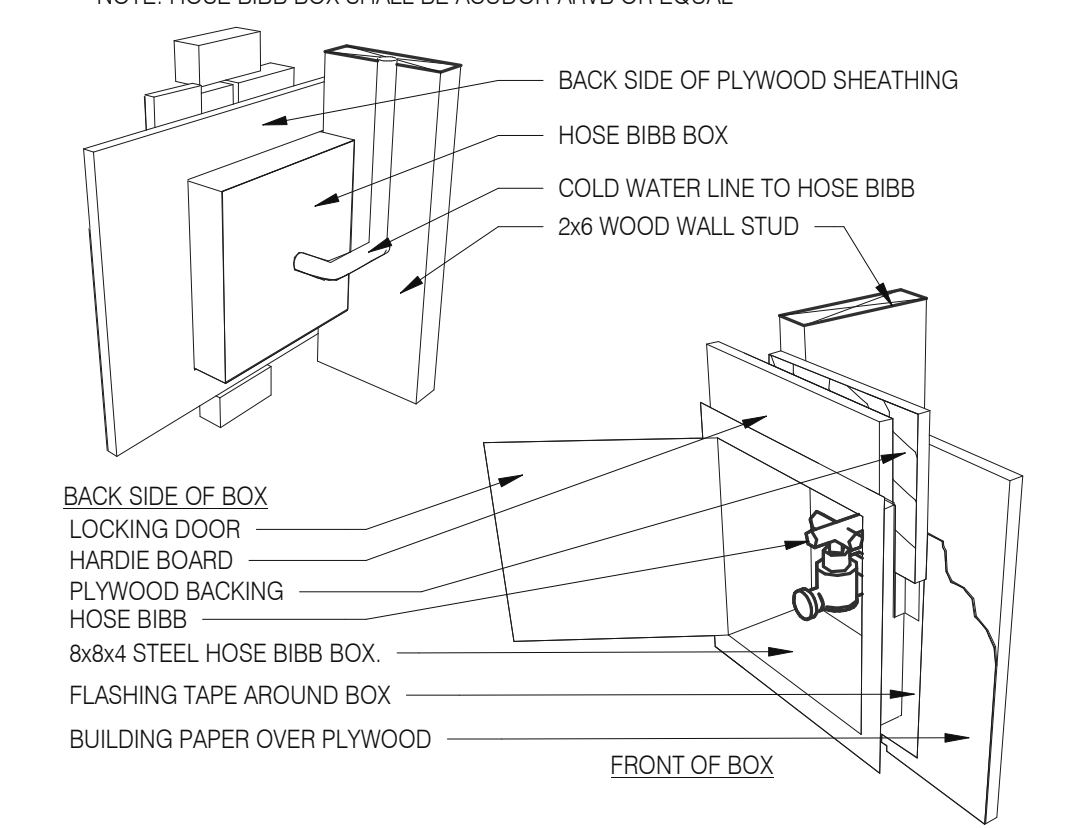
3



CO2 FILL / J-BOX

3" = 1'-0"

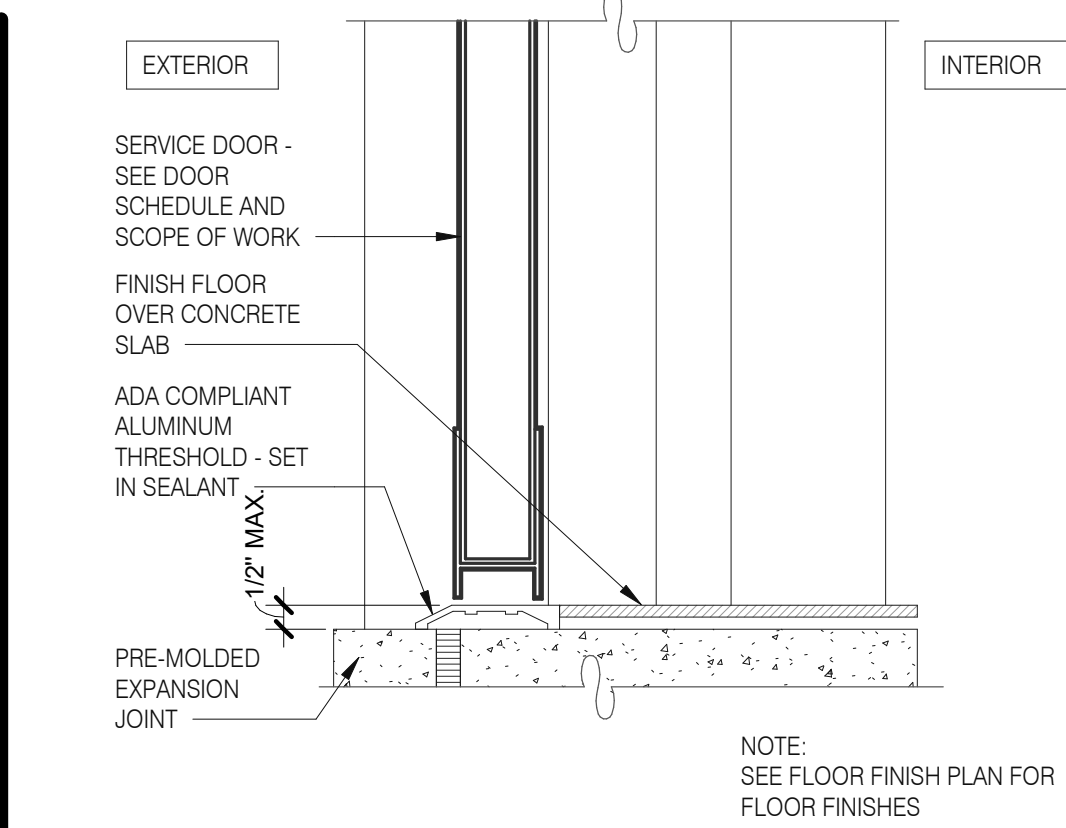
17



HOSE BIBB BOX

3" = 1'-0"

12



THRESHOLD @ SERVICE DOOR

3" = 1'-0"

8

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PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL

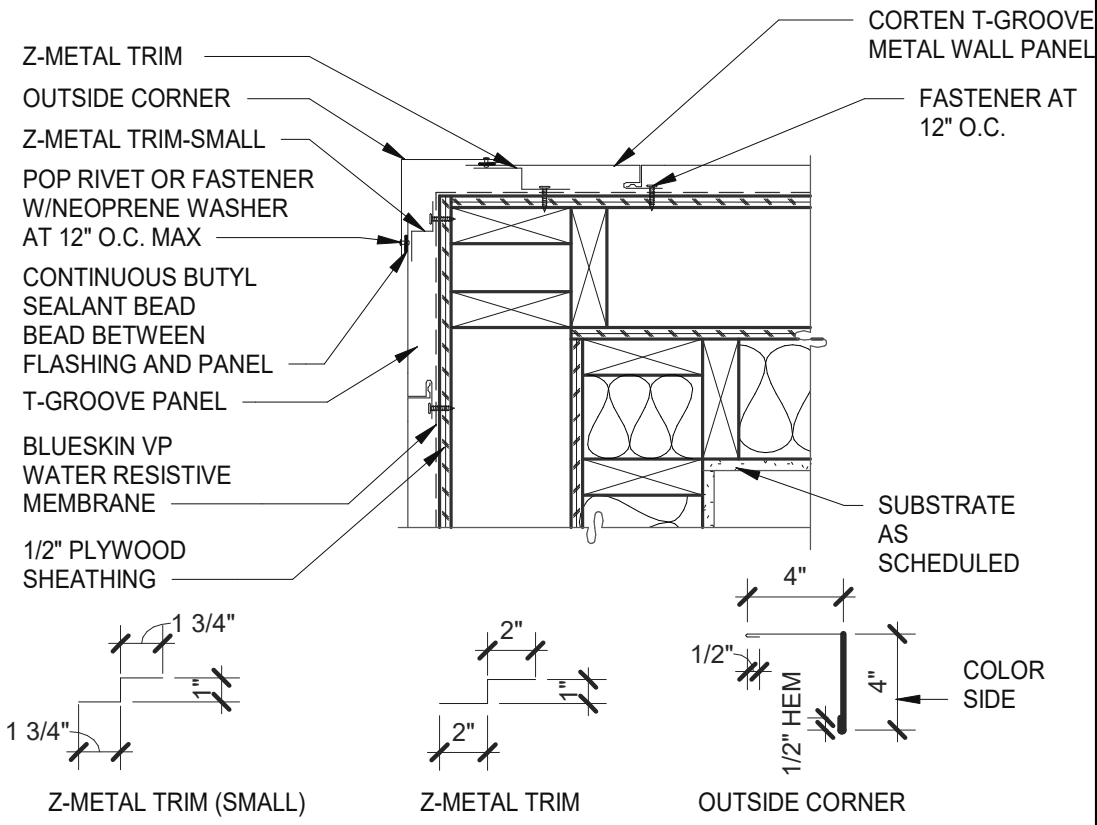
2005 East Dixon Blvd.
Shelby, NC 28152



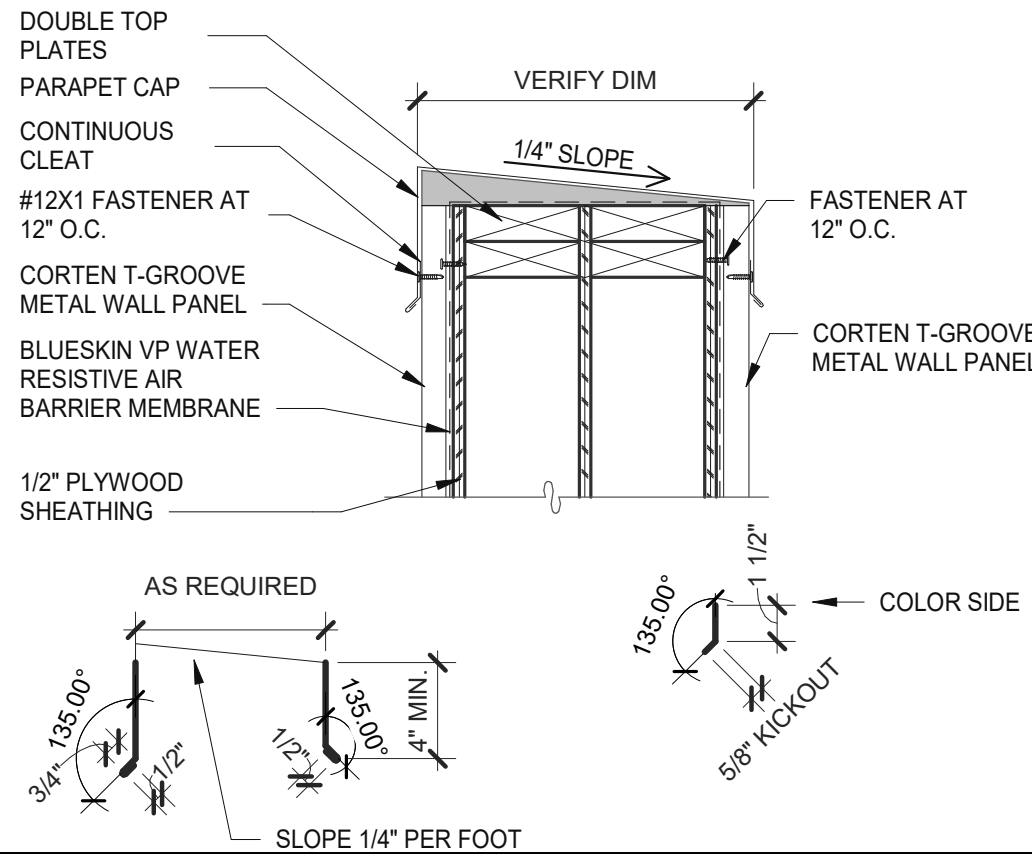
**ENDEAVOR 2.0
CONSTRUCTION
DETAILS
DOOR/WINDOW**

A6.1

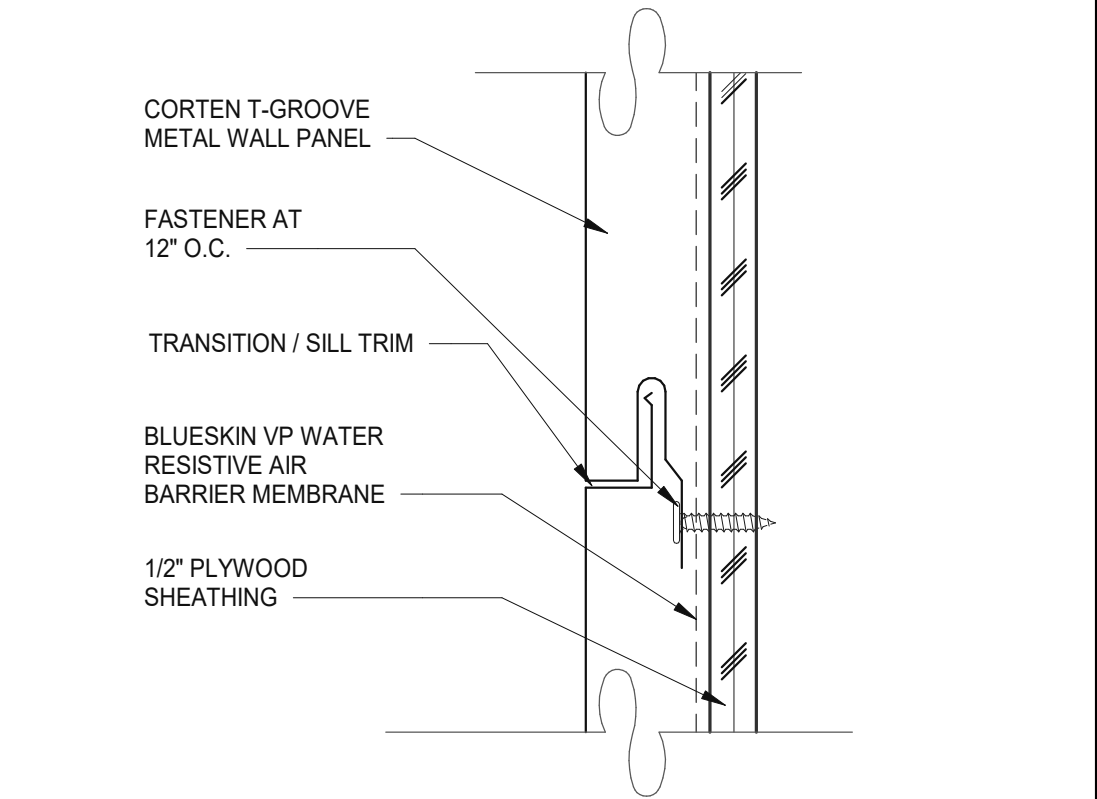
PLOT DATE: 9/27/2022 9:49:29 AM



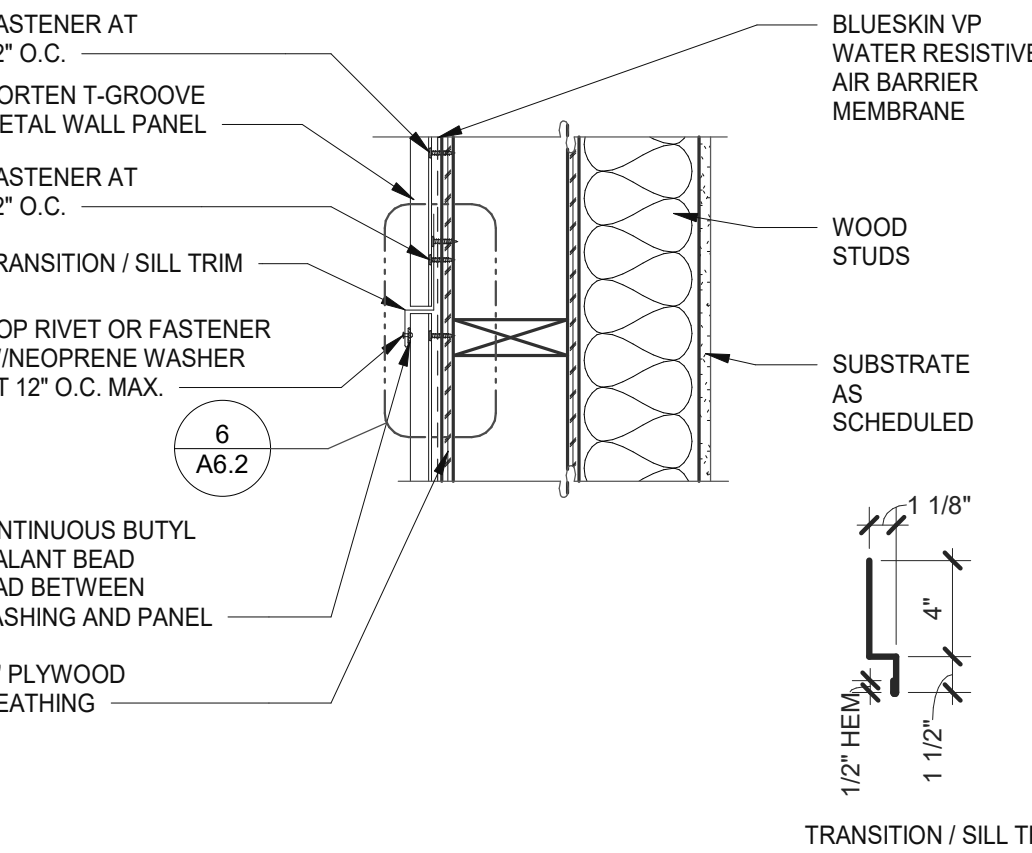
OUTSIDE CORNER PLAN 1 1/2" = 1'-0" 5



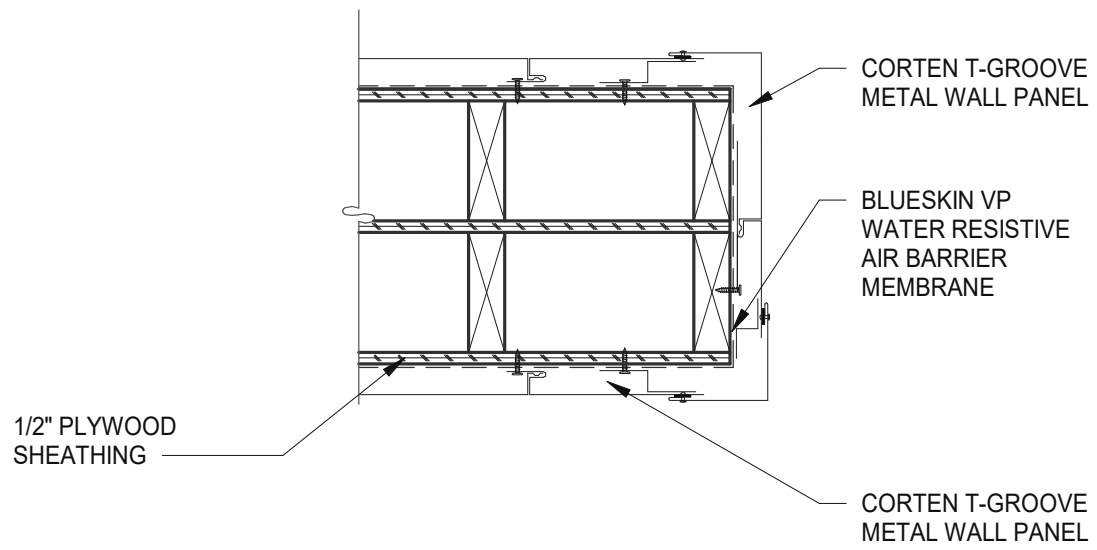
PARAPET 1 1/2" = 1'-0" 1



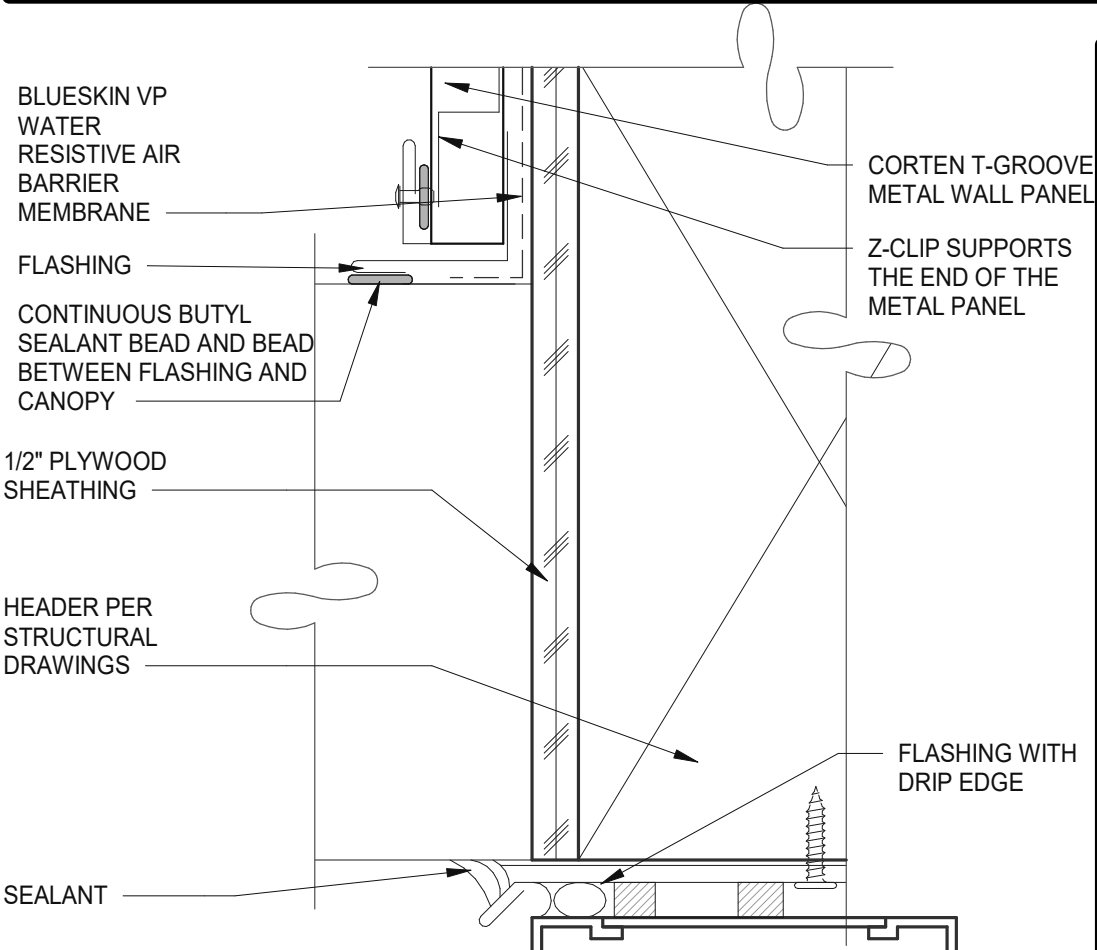
PANEL JOINT 6" = 1'-0" 6



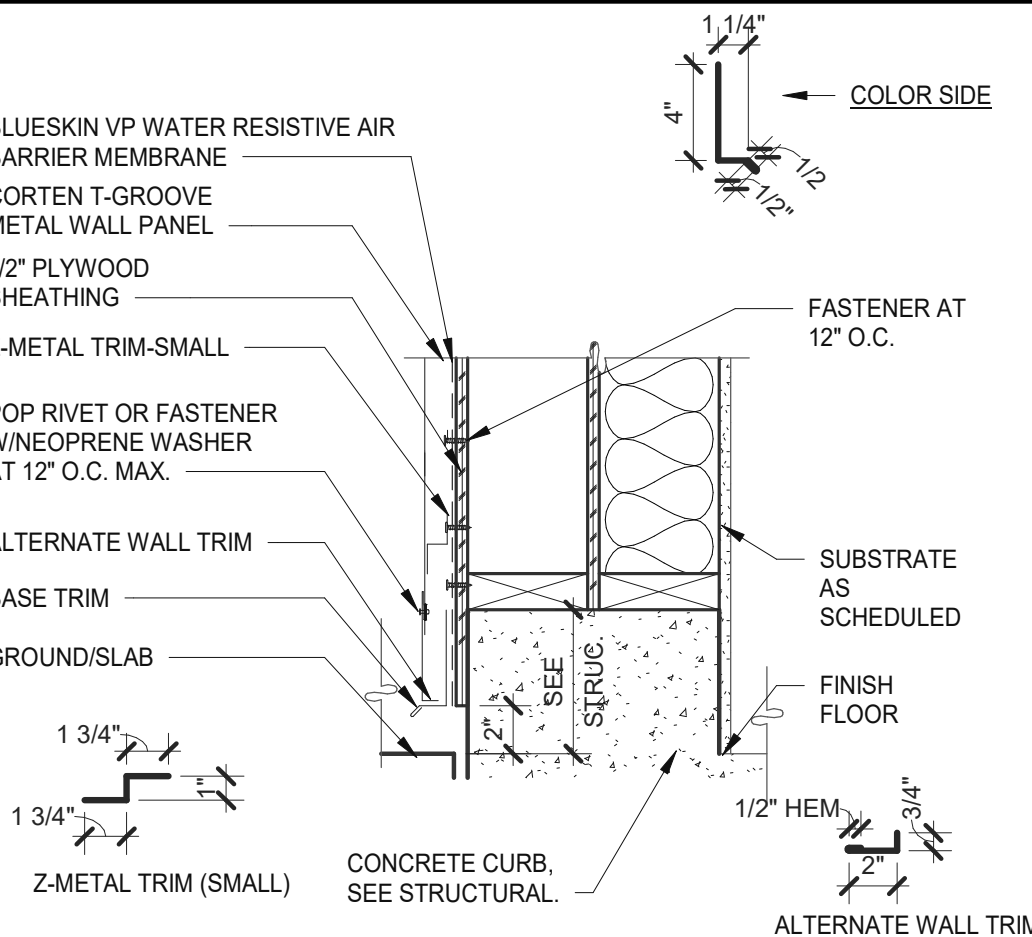
VERTICAL PANEL JOINT 1 1/2" = 1'-0" 2



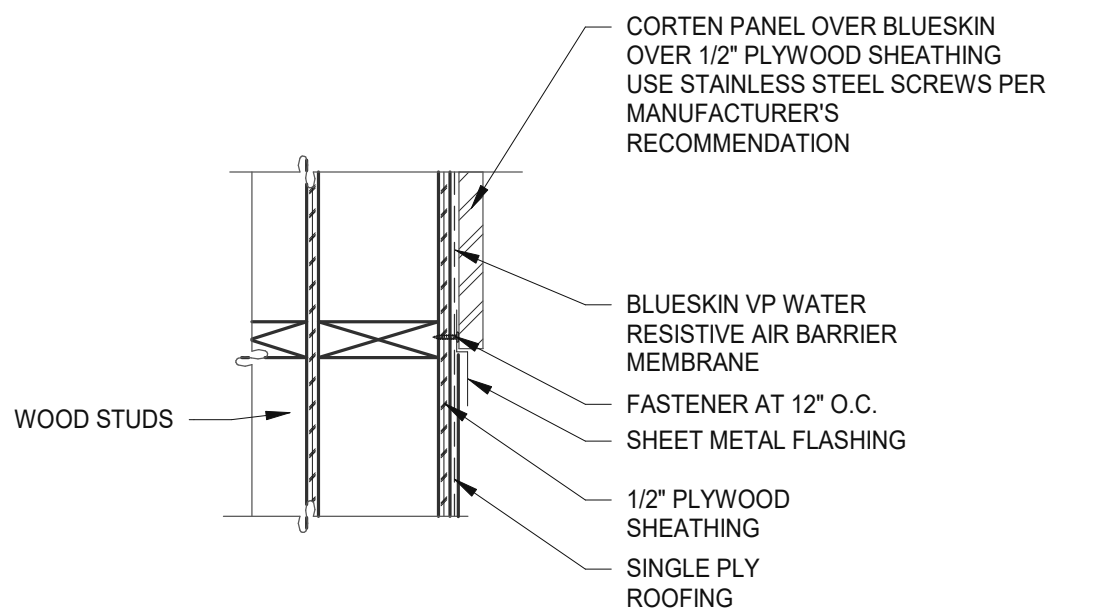
CORTEN T-GROOVE METAL PANEL 1 1/2" = 1'-0" 11



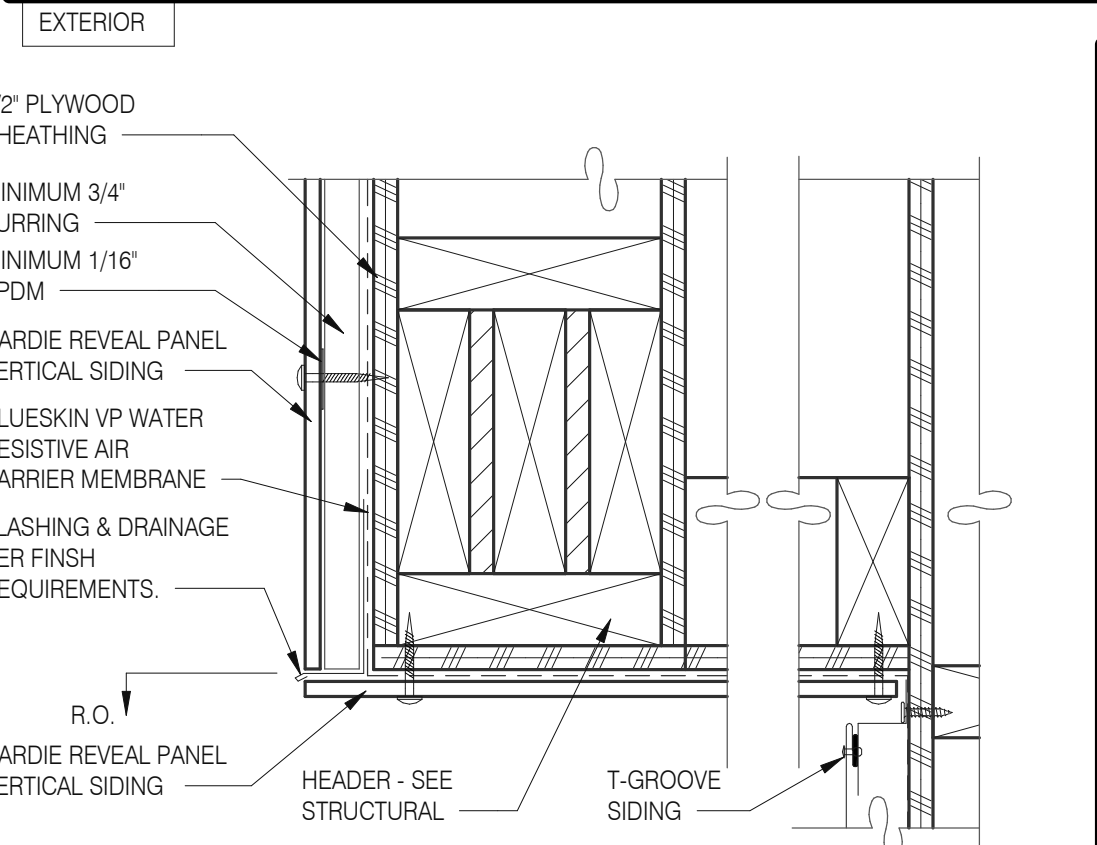
ENLARGED CANOPY DETAIL 6" = 1'-0" 7



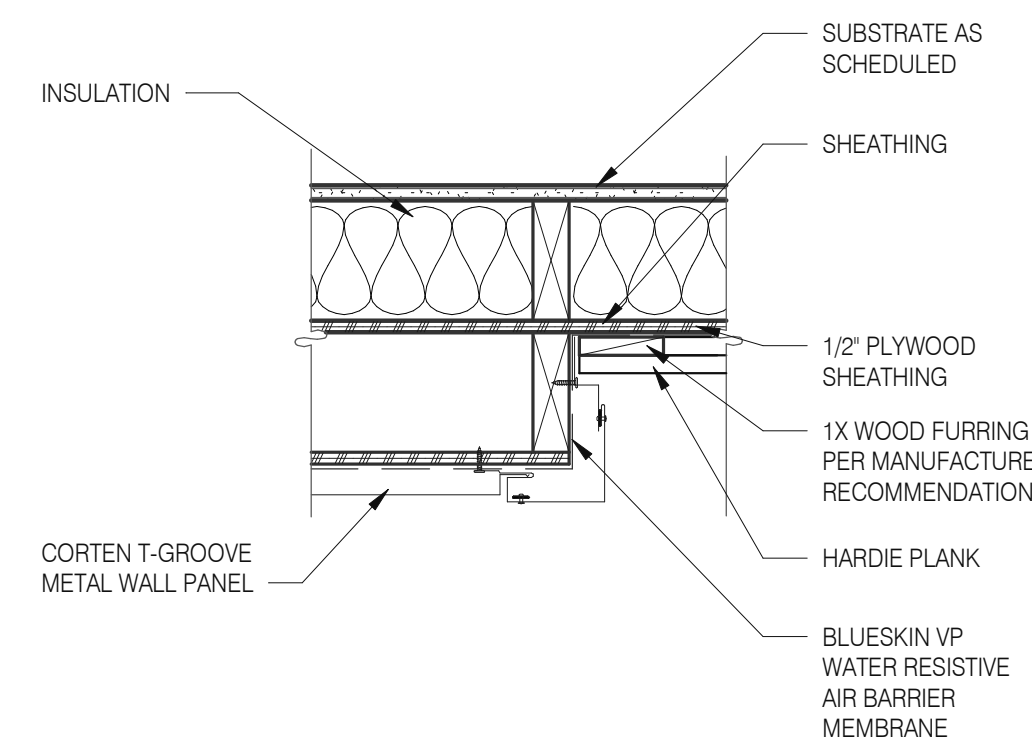
BASE TRIM HORIZONTAL 1 1/2" = 1'-0" 3



METAL PANEL @ ROOFING 1 1/2" = 1'-0" 12



PARAPET CORNER 3" = 1'-0" 8



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

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JOB NO.: 2021088.54

TACO BELL

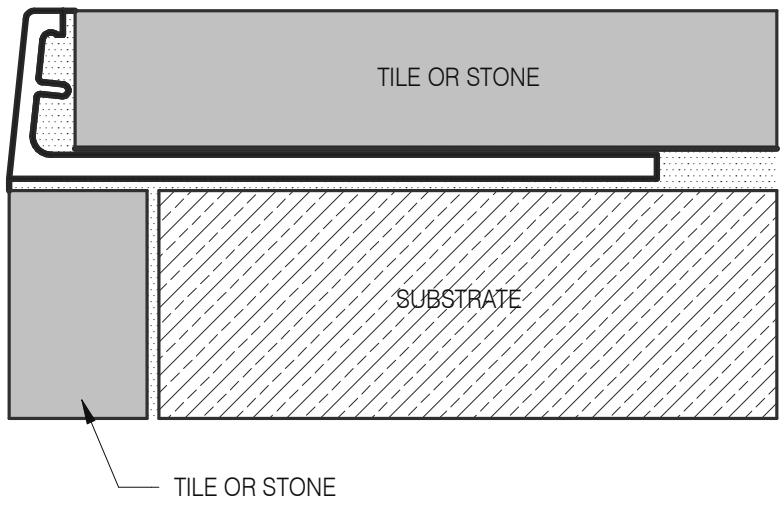
2005 East Dixon Blvd.
Shelby, NC 28152



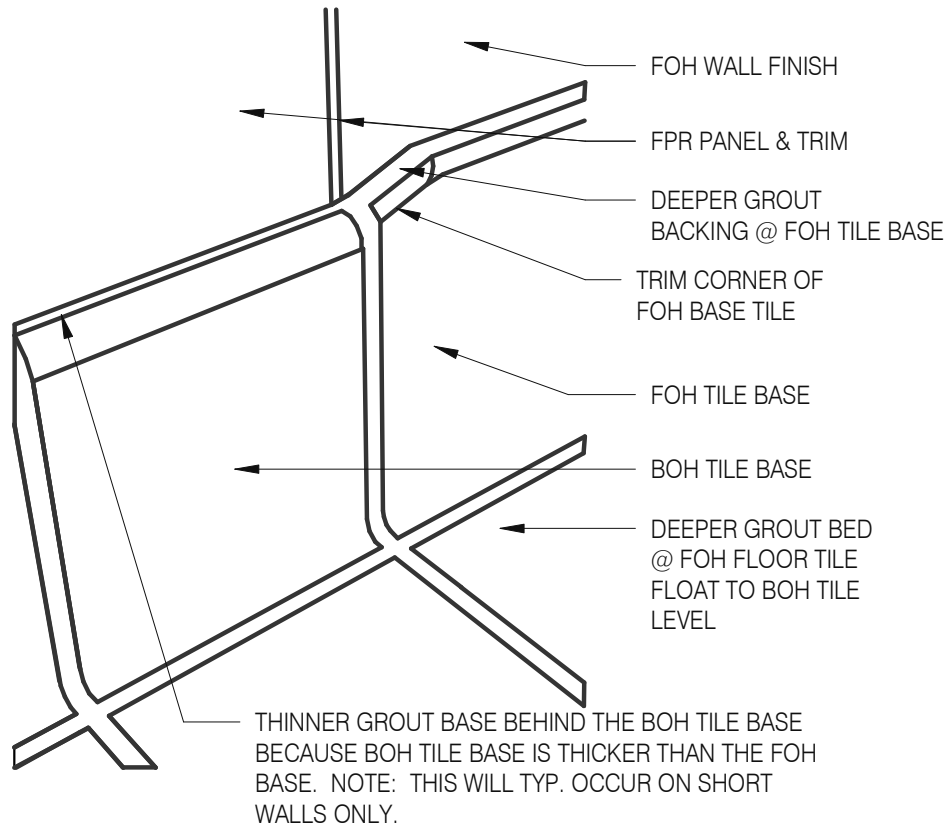
ENDEAVOR 2.0
CONSTRUCTION
DETAILS WALL

A6.2

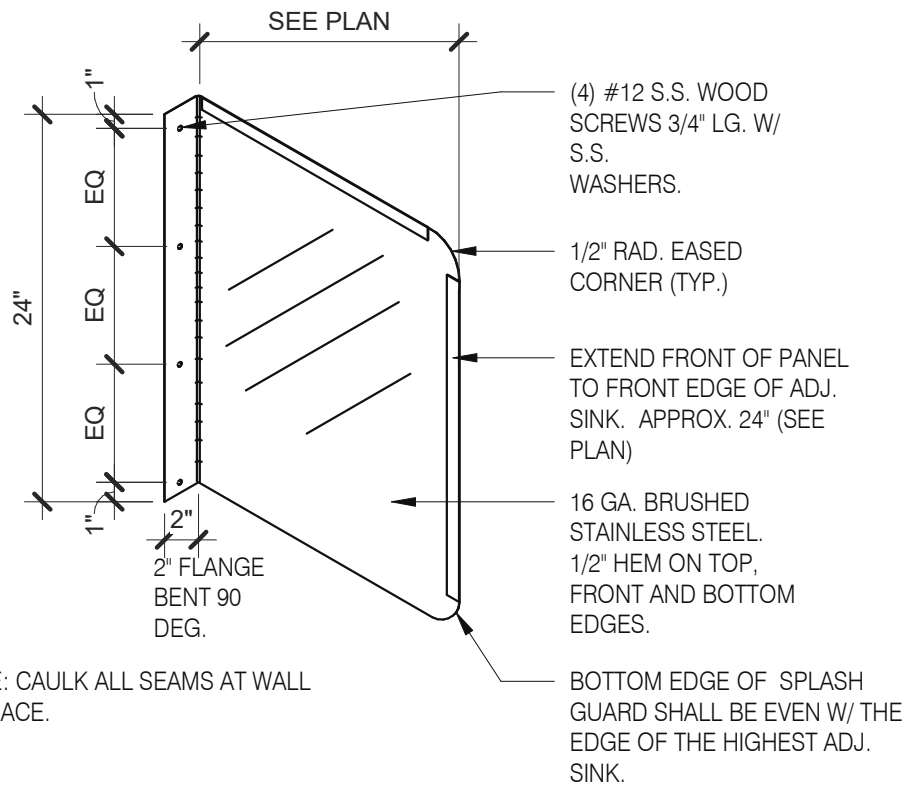
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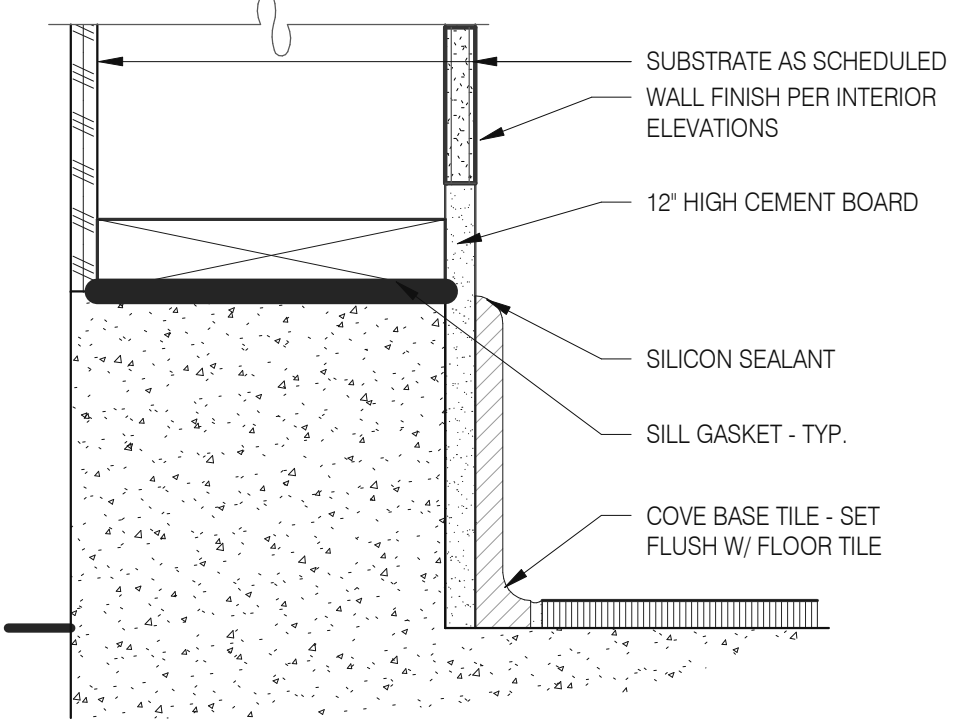
Schluter Jolly Corner Guard 1 1/2" = 1'-0" **17**



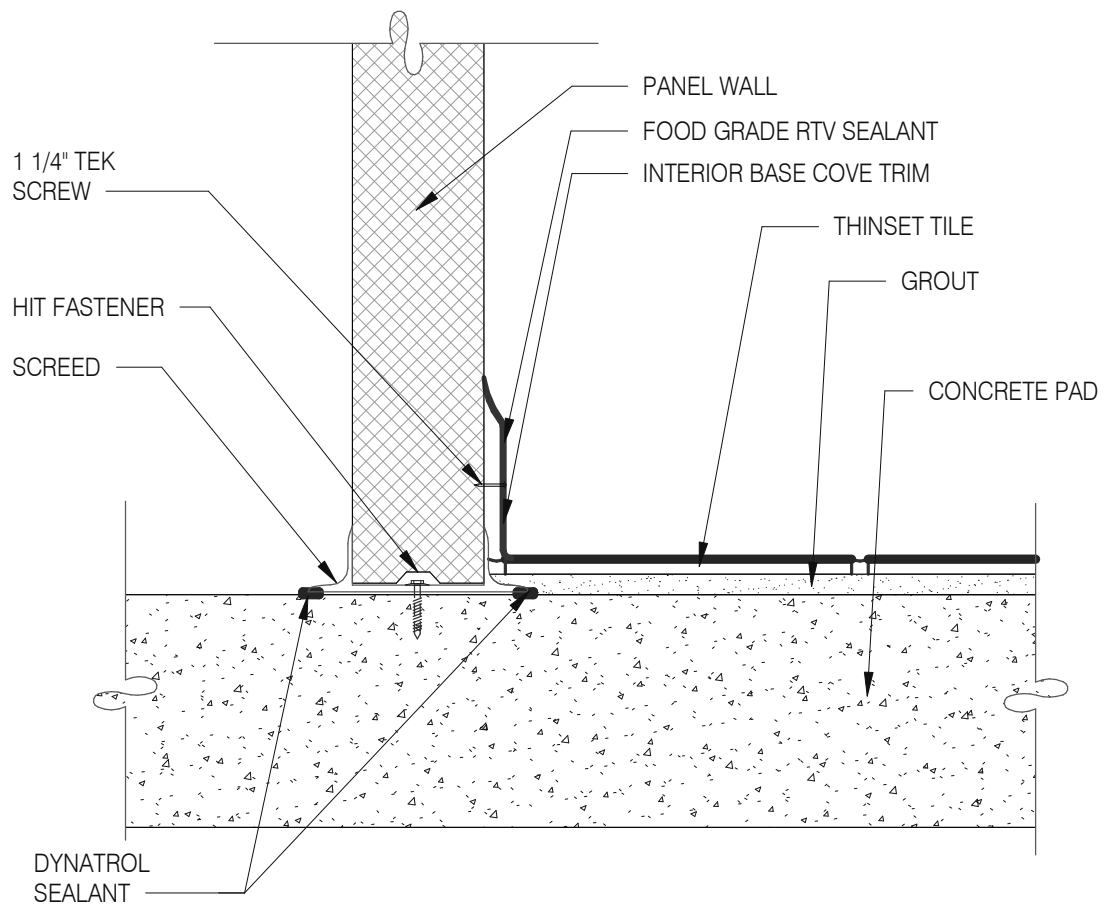
Tile Base Transition 12" = 1'-0" **13**



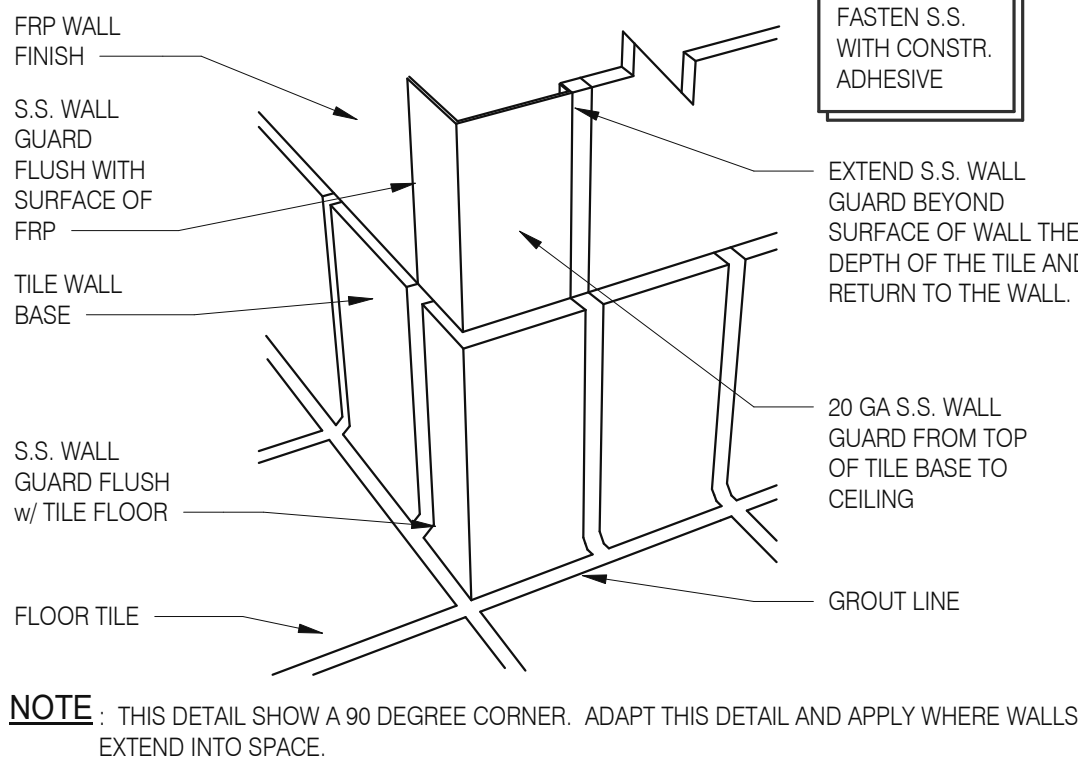
Splash Guard 1" = 1'-0" **9**



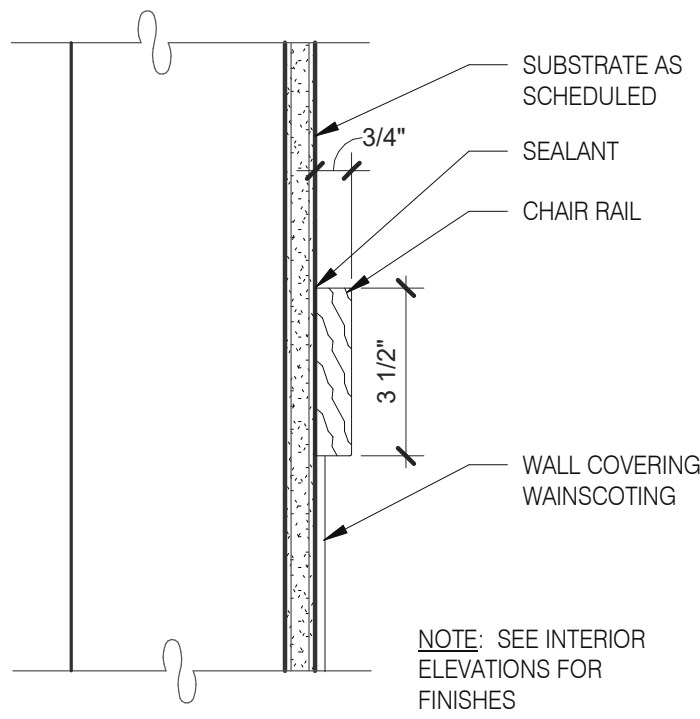
Base @ Dining Ext. Side Walls 3" = 1'-0" **5**



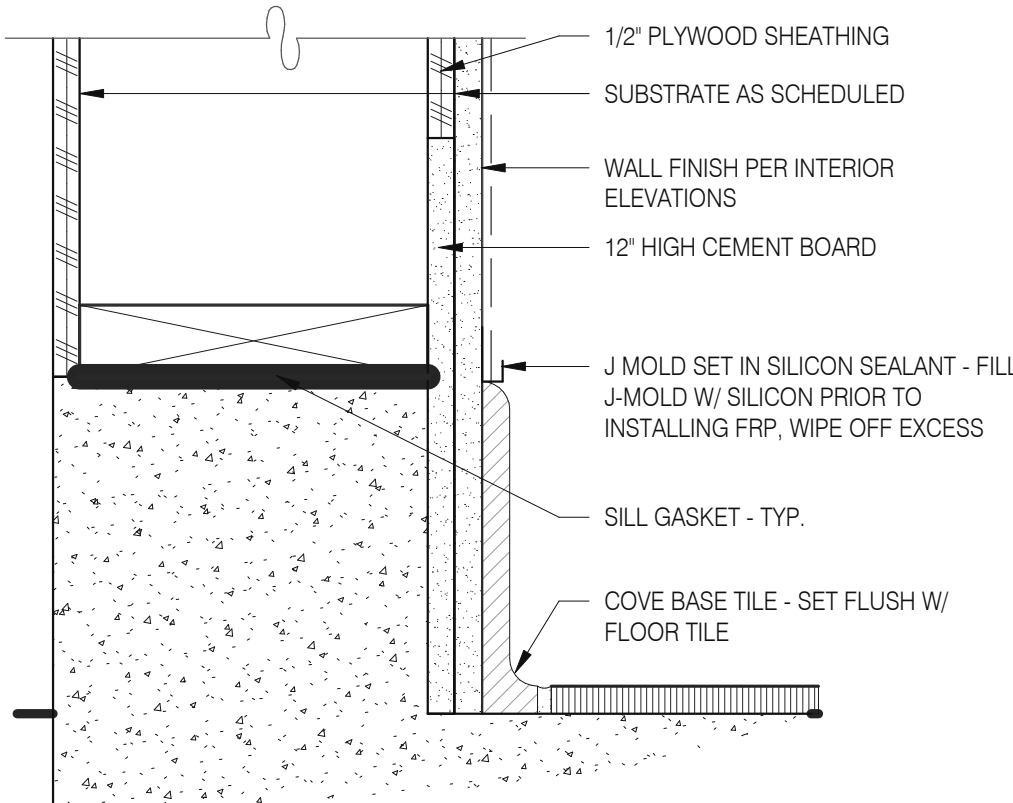
Walk-in Tile/Base 1 1/2" = 1'-0" **1**



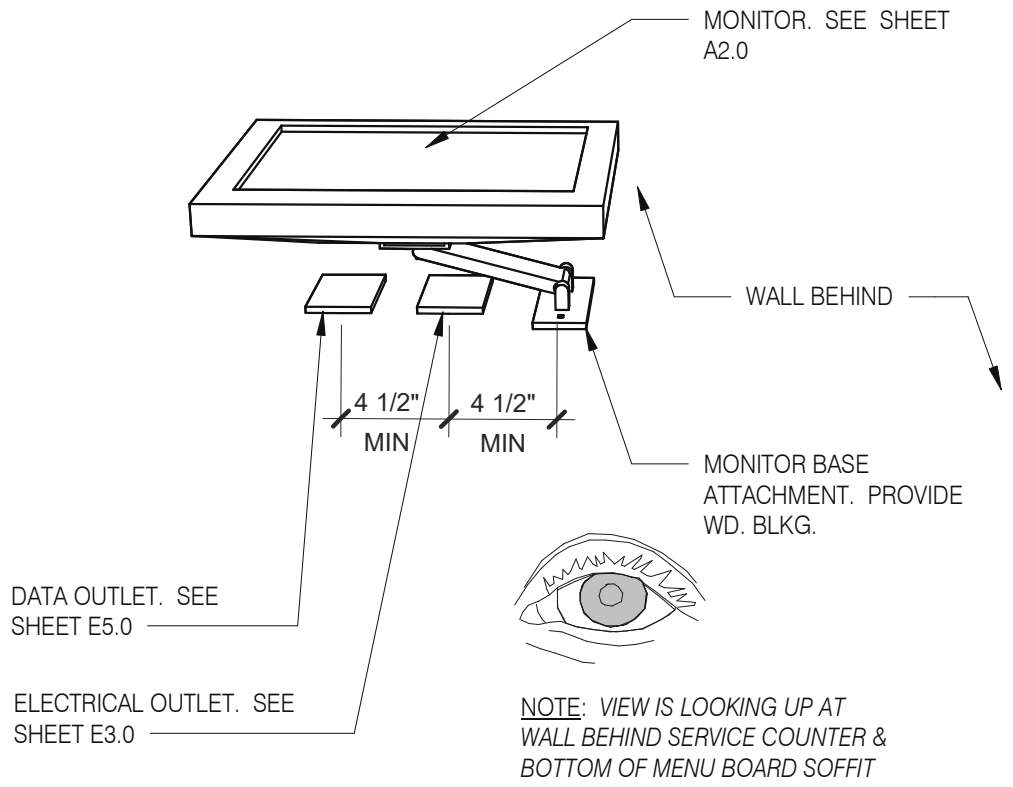
S.S. Corner & End Wall Guard 12" = 1'-0" **14**



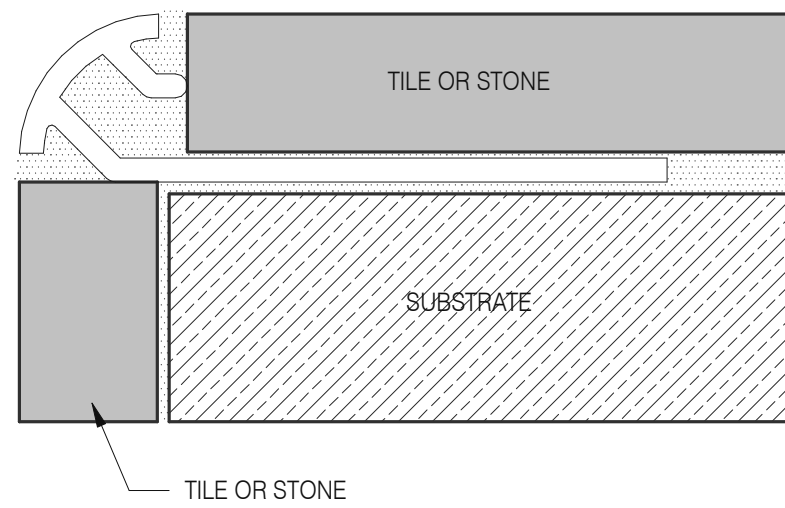
Chair Rail Detail 3" = 1'-0" **10**



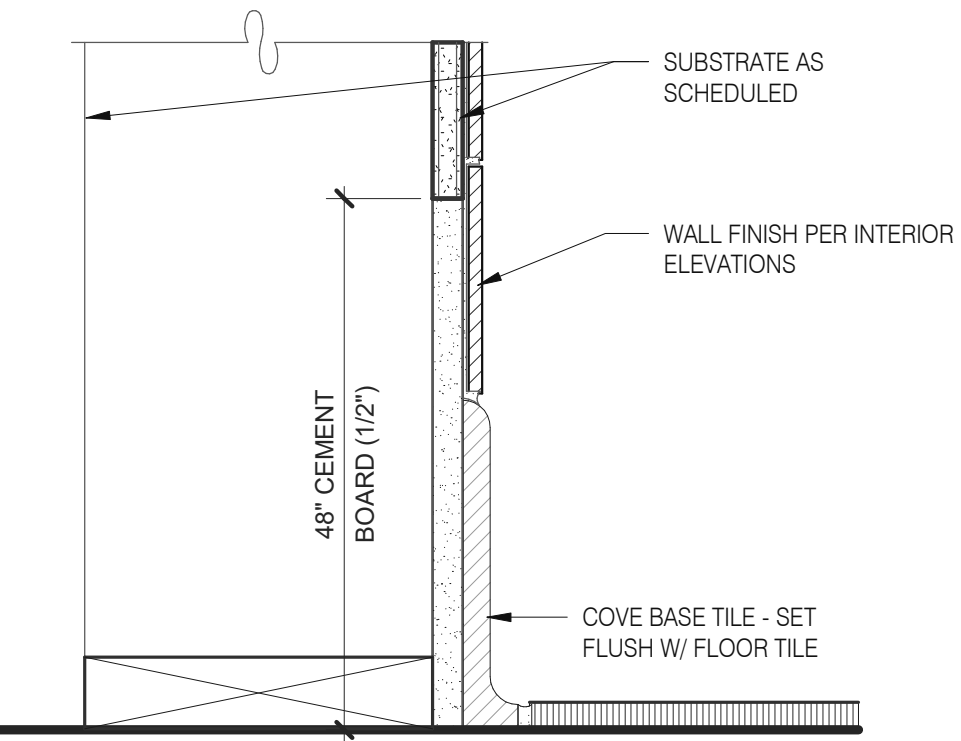
Base @ Ext. Wall 3" = 1'-0" **6**



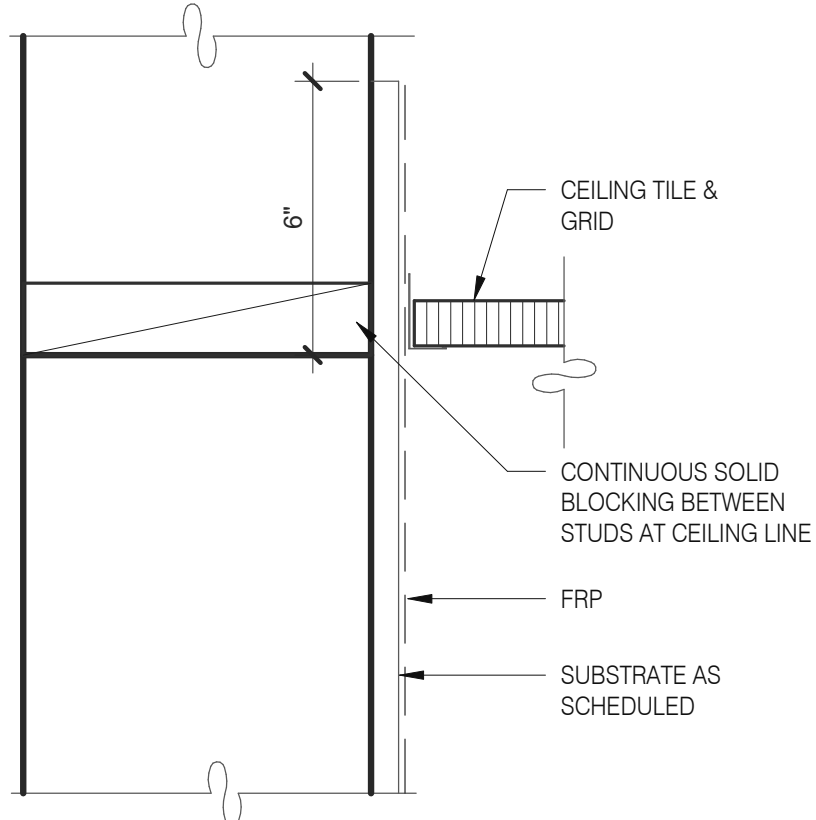
Wall Mount Monitor 1 1/2" = 1'-0" **2**



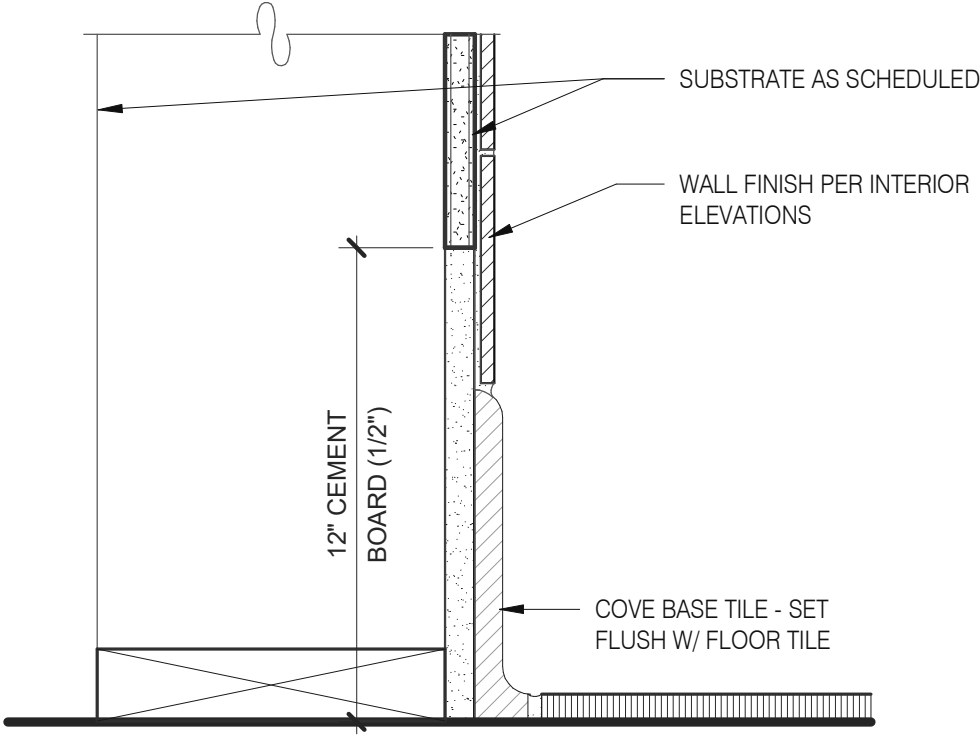
Schluter Corner Guard 1 1/2" = 1'-0" **15**



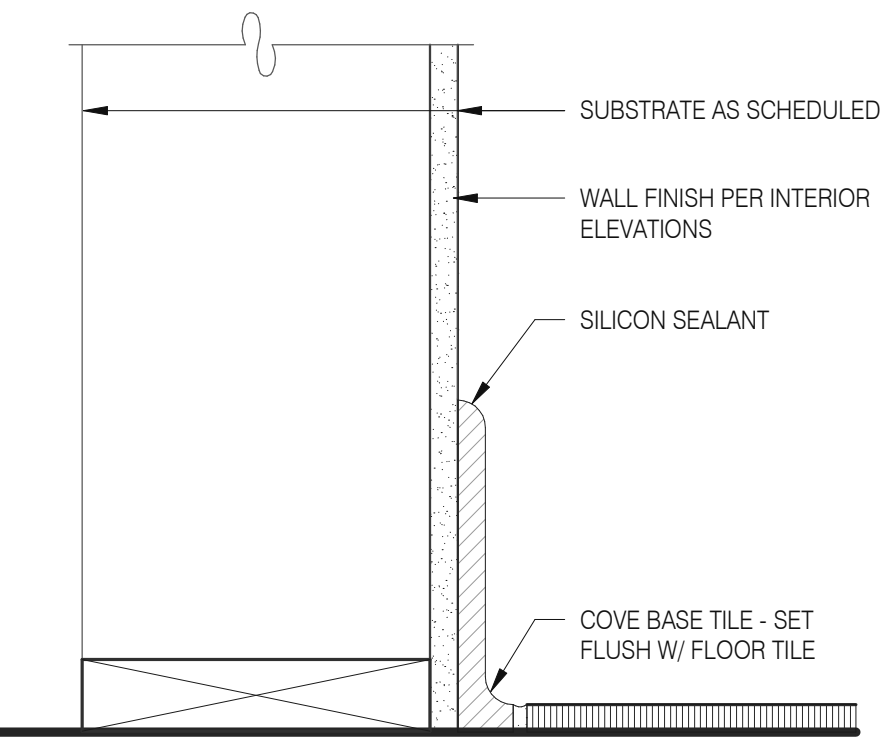
Base in Restroom 3" = 1'-0" **7**



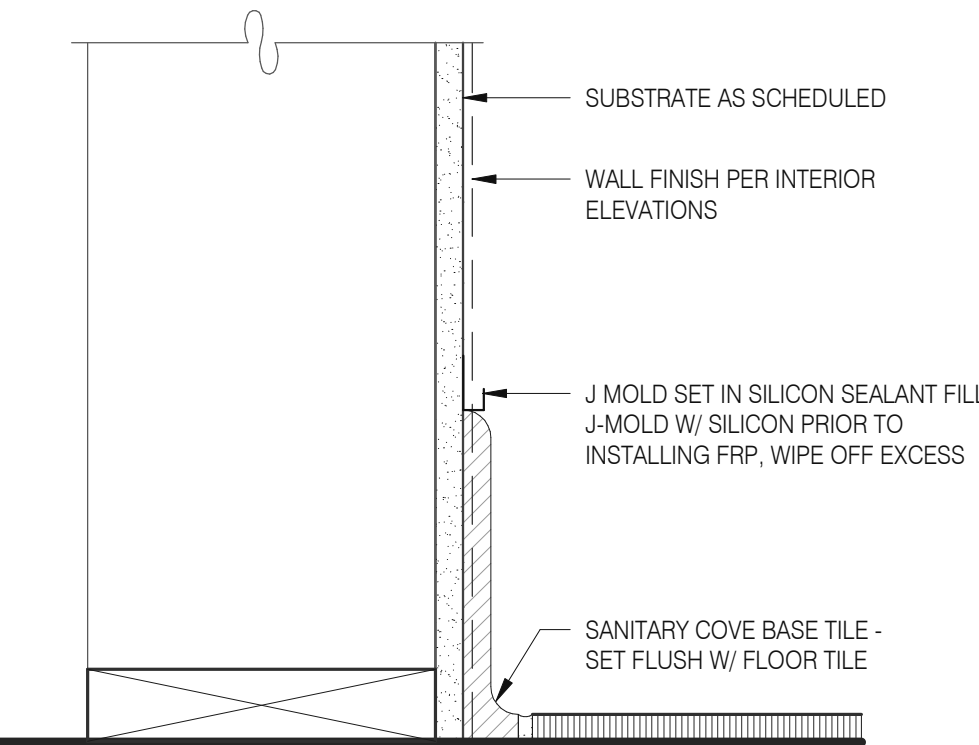
Kitchen Finish @ Ceiling 3" = 1'-0" **3**



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



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



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

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PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

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**ENDEAVOR 2.0
FINISH DETAILS**

A6.3

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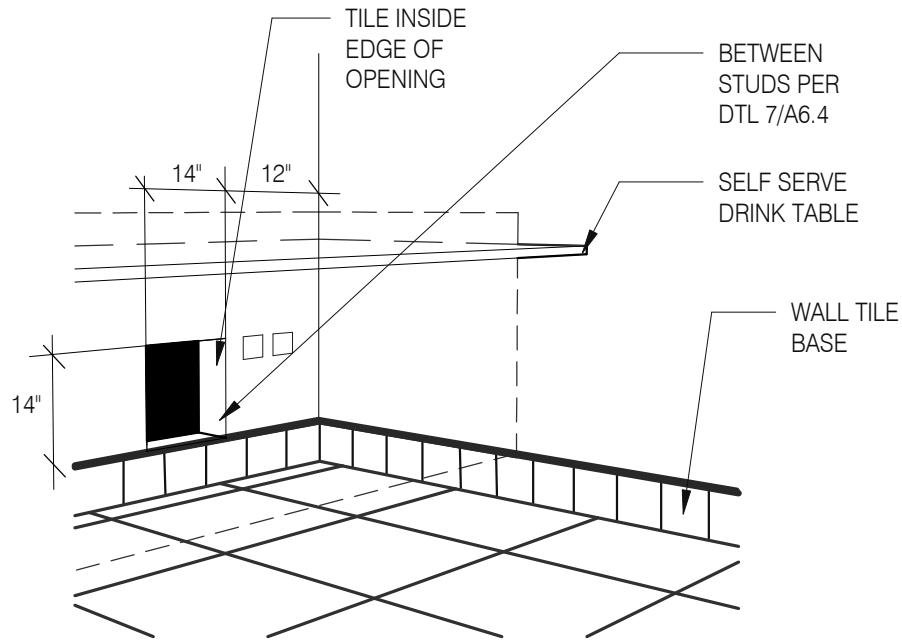
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ENDEAVOR 2.0
CONSTRUCTION
DETAILS
INTERIOR

A6.4

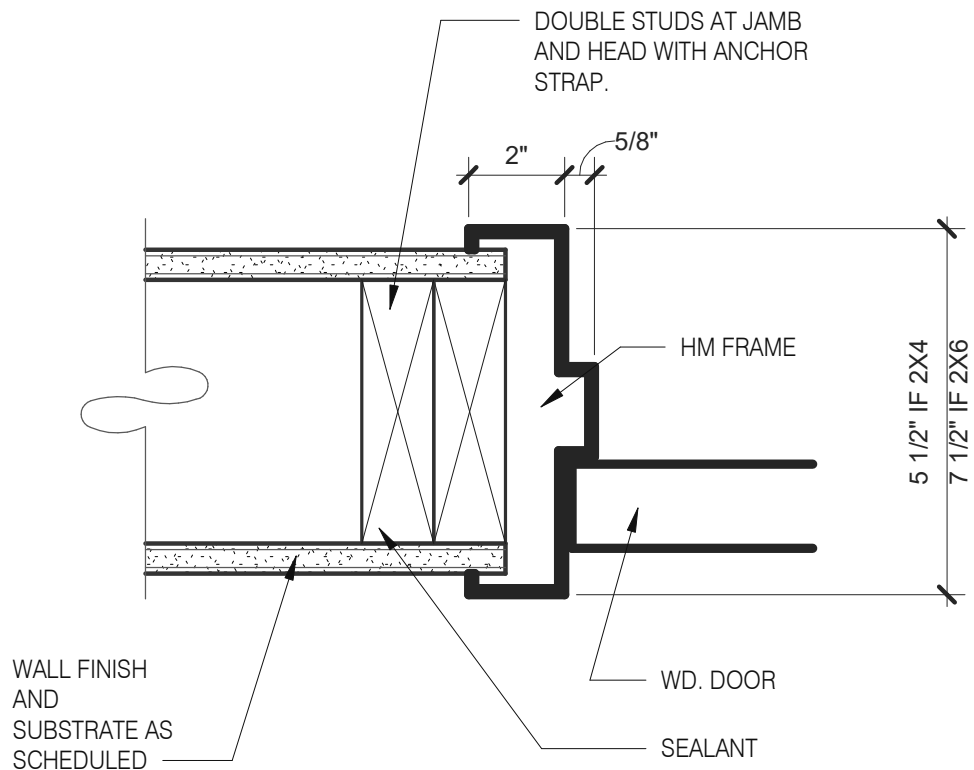
PLOT DATE: 9/27/2022 9:49:36 AM



WALL PASS THRU

N.T.S.

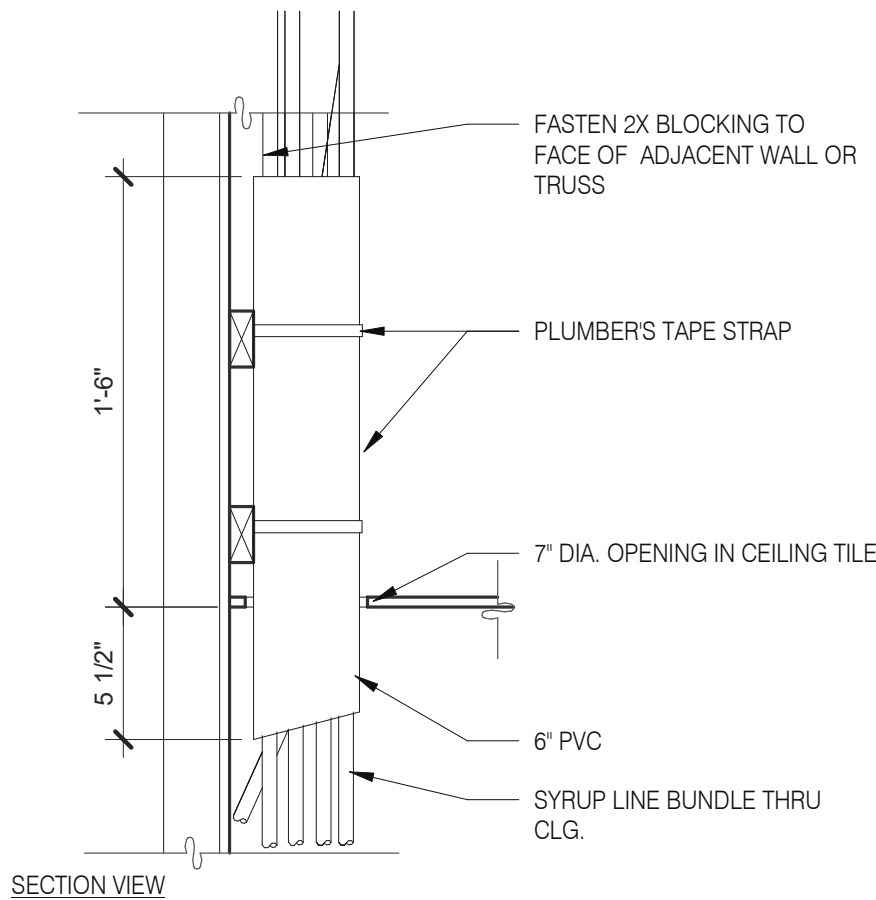
8



HEAD/JAMB @ H.M. DOOR

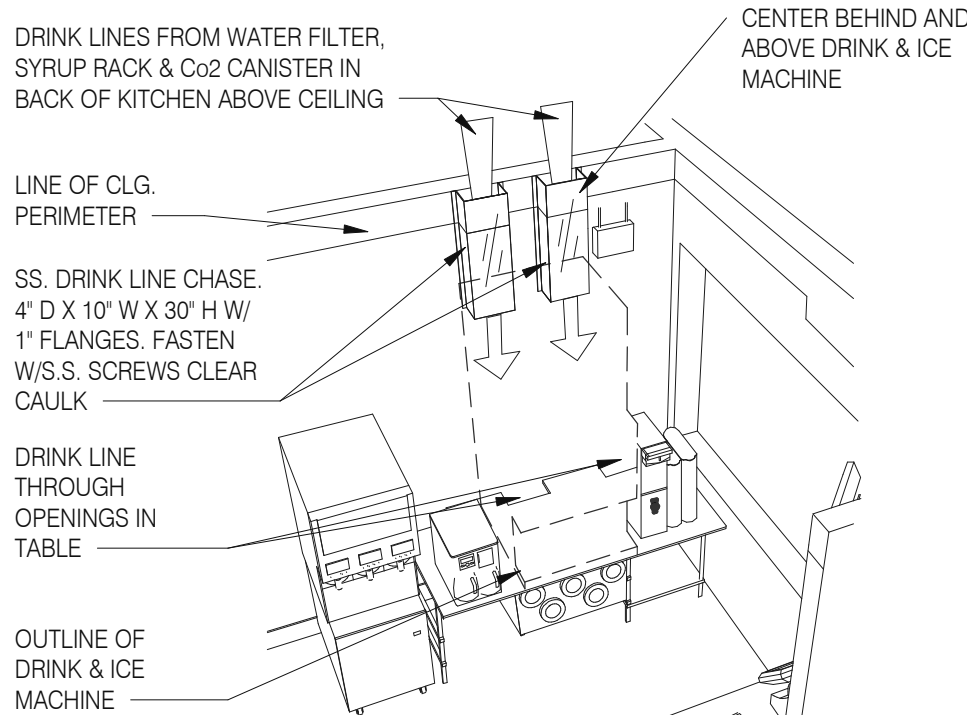
N.T.S.

6



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

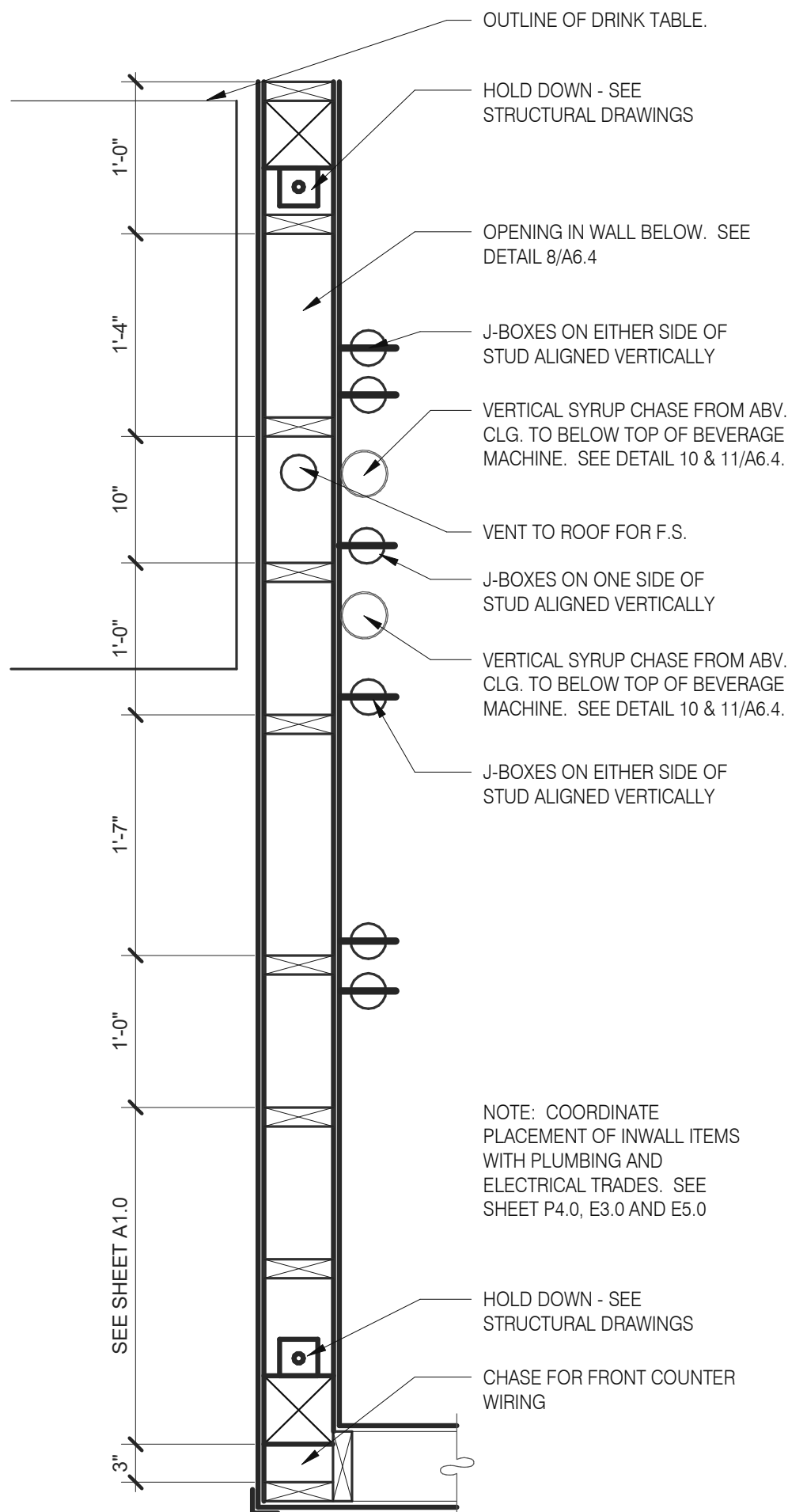
10



NOTE: SEE DETAIL 8/P6.0 DRINK SYSTEM SCHEMATIC
& DETAIL 6/P6.0 AND 7/P6.0 FOR DRINK LINES

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

11

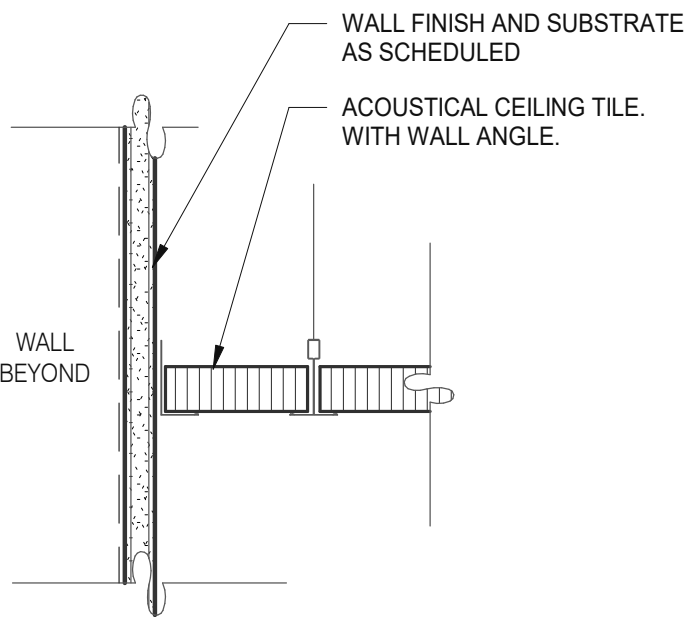


INTERIOR CHASE WALL

N.T.S.

7

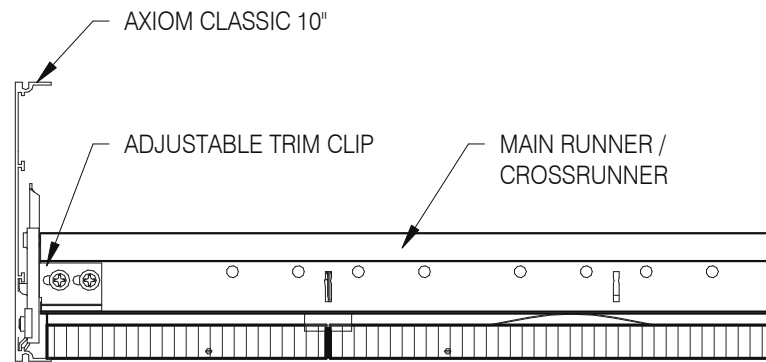
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GYPSUM BOARD TRANSITION

3" = 1'-0"

17

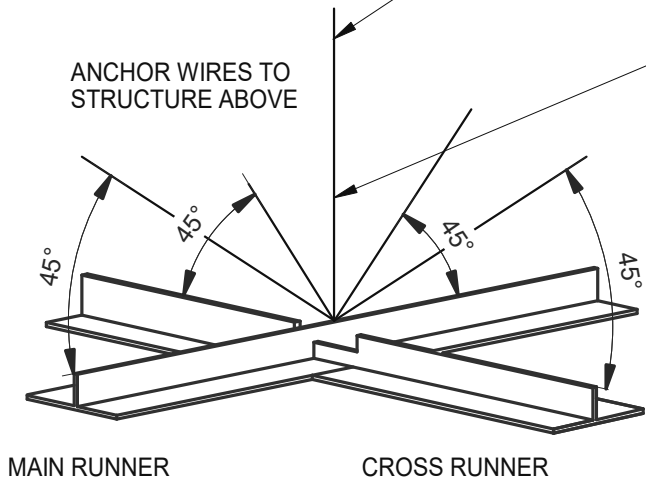


ASSEMBLY CLIP-ON

3" = 1'-0"

13

LATERAL BRACING: 4-12 GA. WIRES SECURED TO MAIN RUNNER WITHIN 2" OF CROSS RUNNER INTERSECTION AND SPLAYED 90° FROM EACH OTHER AT ANGLE NOT TO EXCEED 45° FROM THE PLANE OF THE CEILING TYP. @ 12'-0" EA. WAY BEGINNING 6'-0" MAX. FROM WALL.



SUSPENDED ACOUSTICAL CEILING

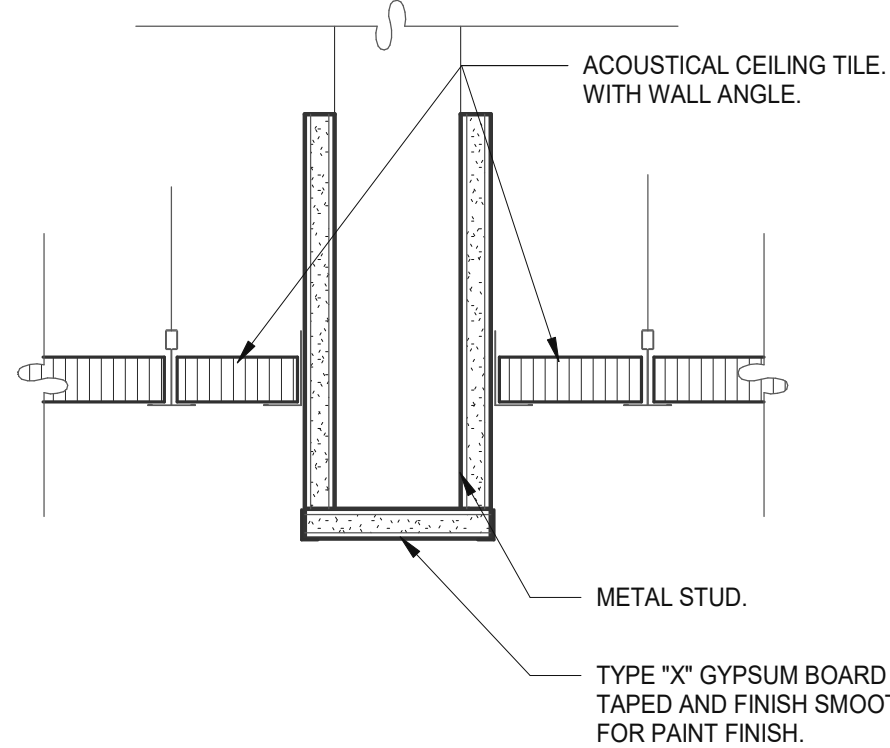
3" = 1'-0"

9

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

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

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



CEILING HEADER TRANSITION

3" = 1'-0"

5

MEMBER DEPTH:

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

STYLE:

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

FLANGE WIDTH:

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

MATERIAL THICKNESS:

(EXAMPLE: 0.054 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.

CEILING SPAN TABLE NOTES:

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

SECTION:	(MIL)	4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE					
		UN-SUPPORTED 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

• INDICATES THAT WEB STIFFENERS ARE REQUIRED AT ENDS

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SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
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JOB NO.: 2021088.54

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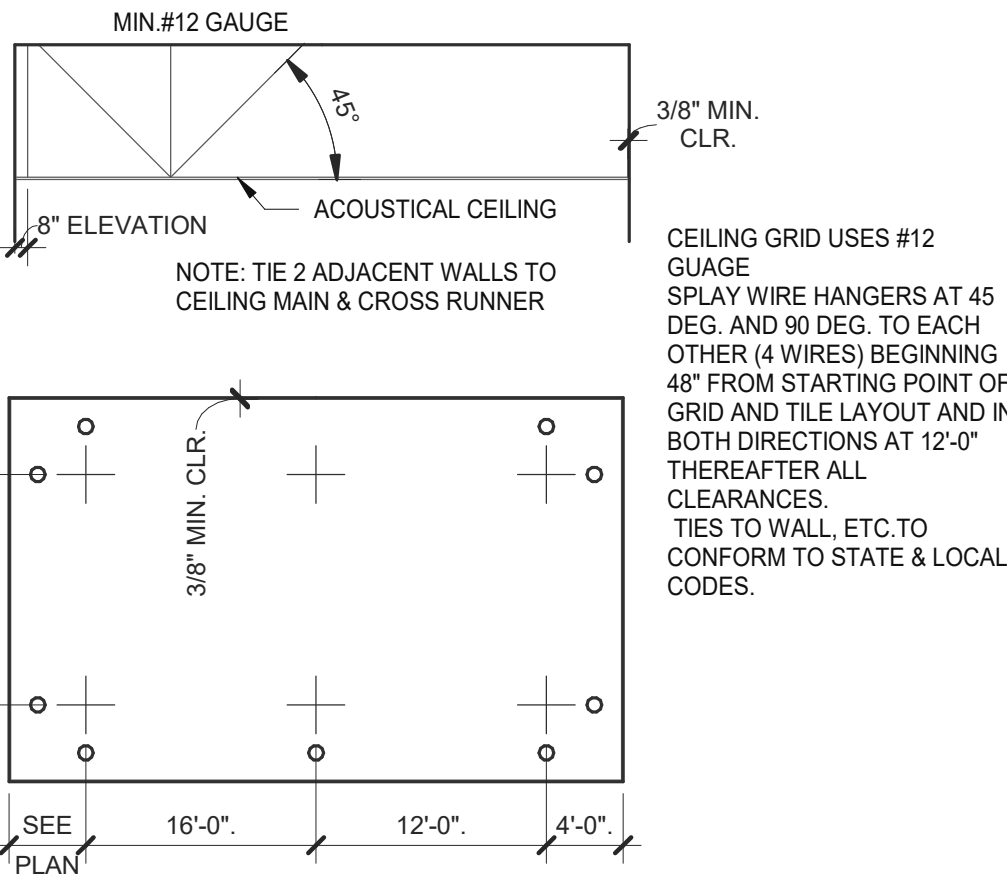
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ENDEAVOR 2.0
CEILING
DETAILS

A6.5

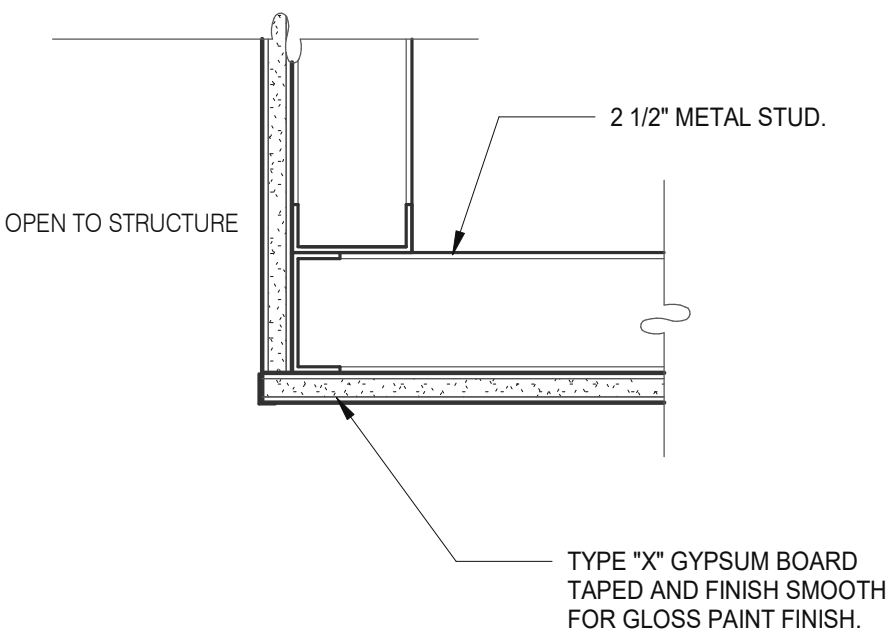
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SUSPENDED CEILING GRID

12" = 1'-0"

10



CEILING TRANSITION

3" = 1'-0"

11

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

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

SUSPENDED
CEILING GRID

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

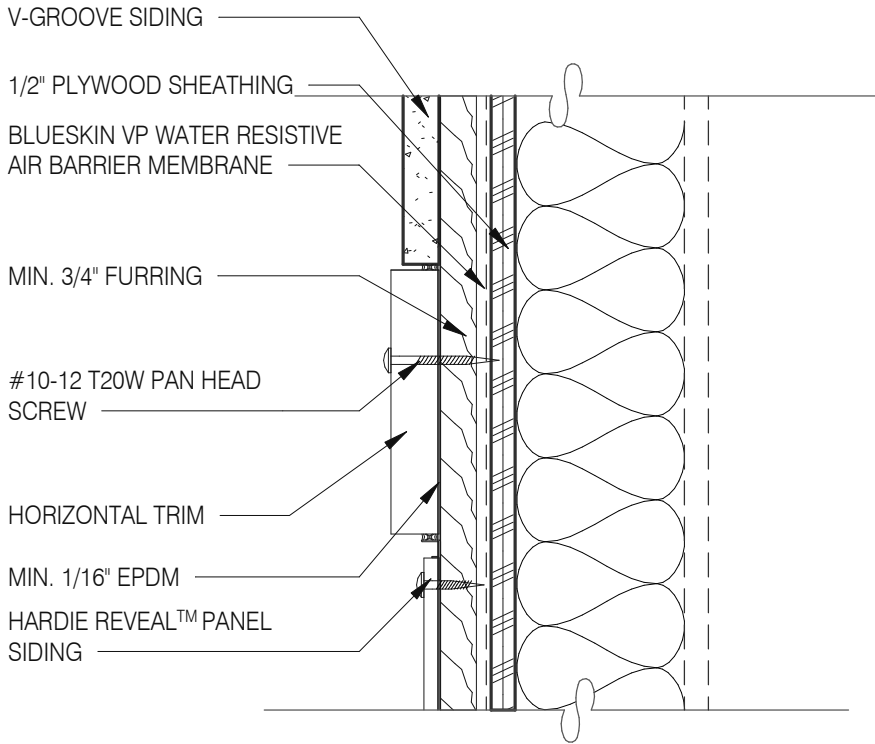
LIGHT FIXTURE
(LESS THAN 56 LBS.)

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

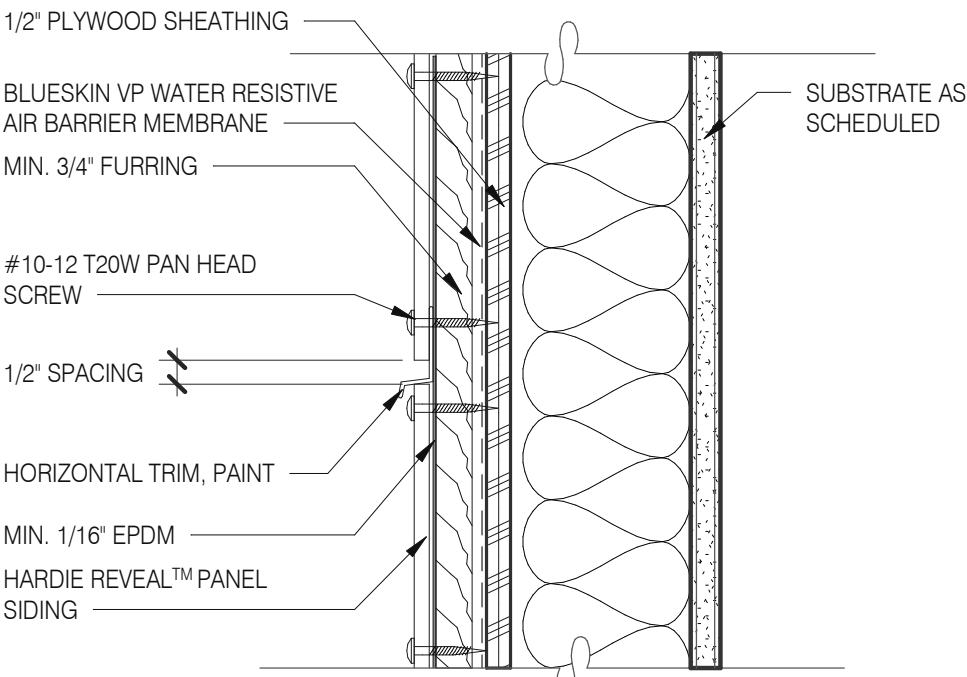
LIGHT FIXTURE @ SUSP. CLNG.

12" = 1'-0"

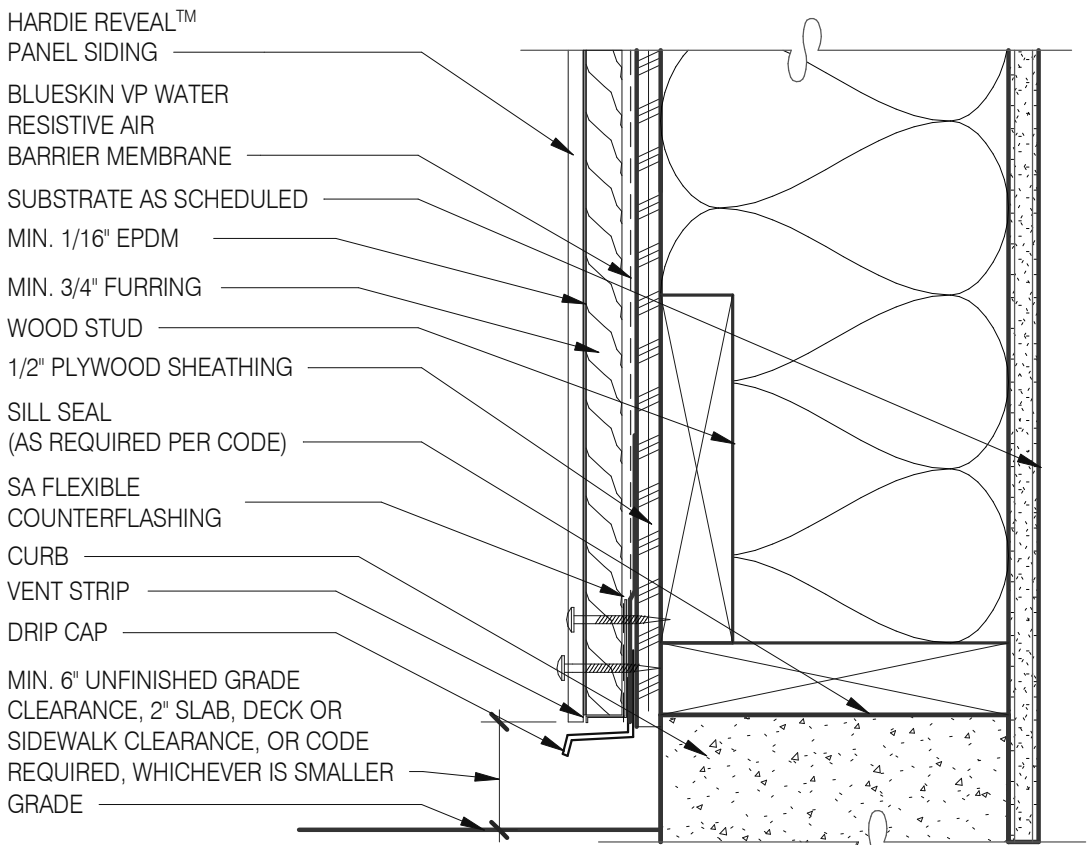
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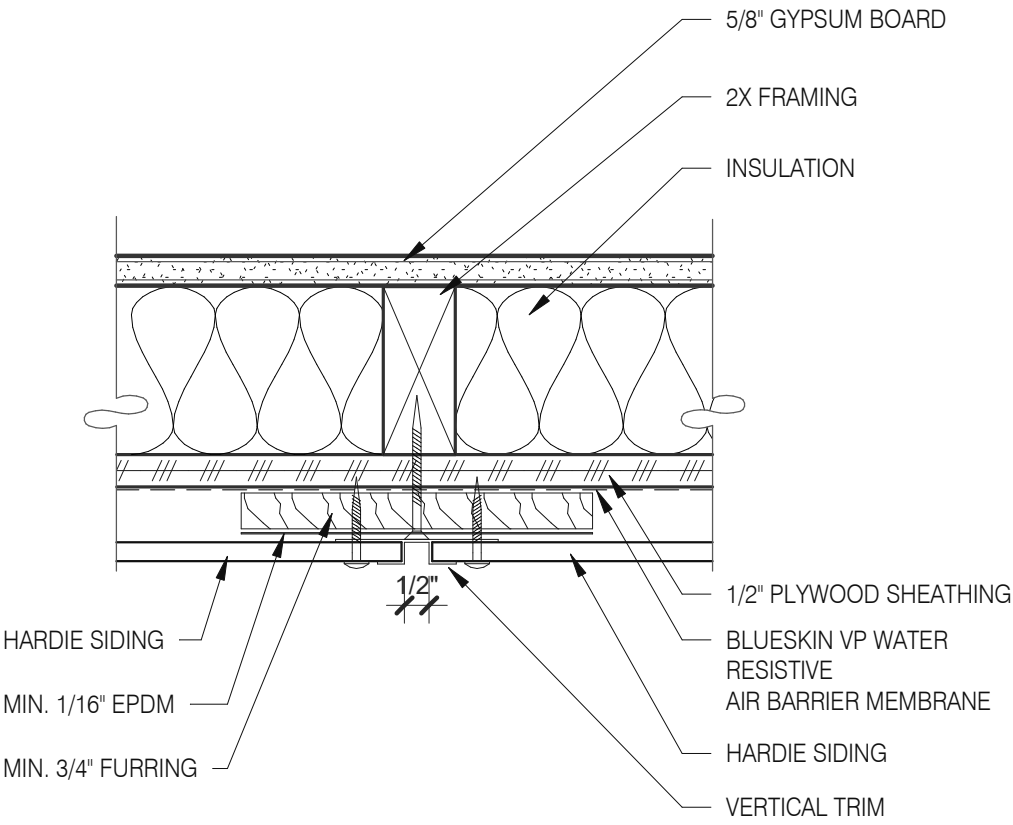
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" 13



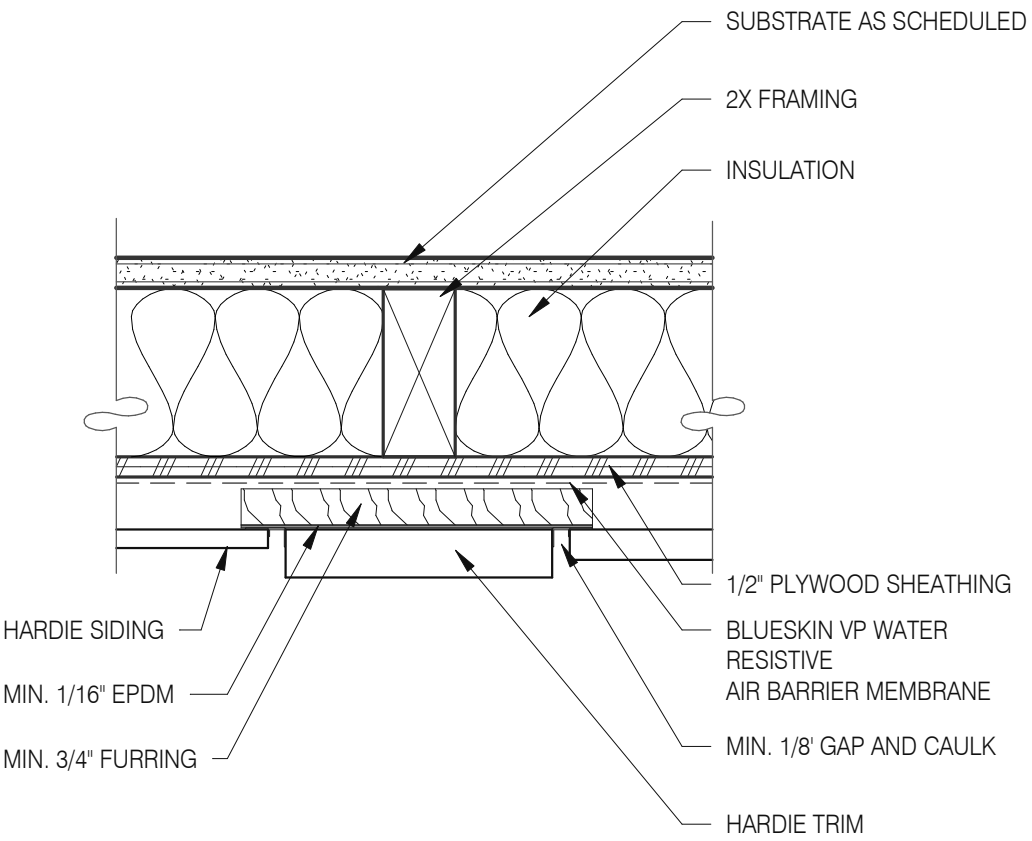
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" 9



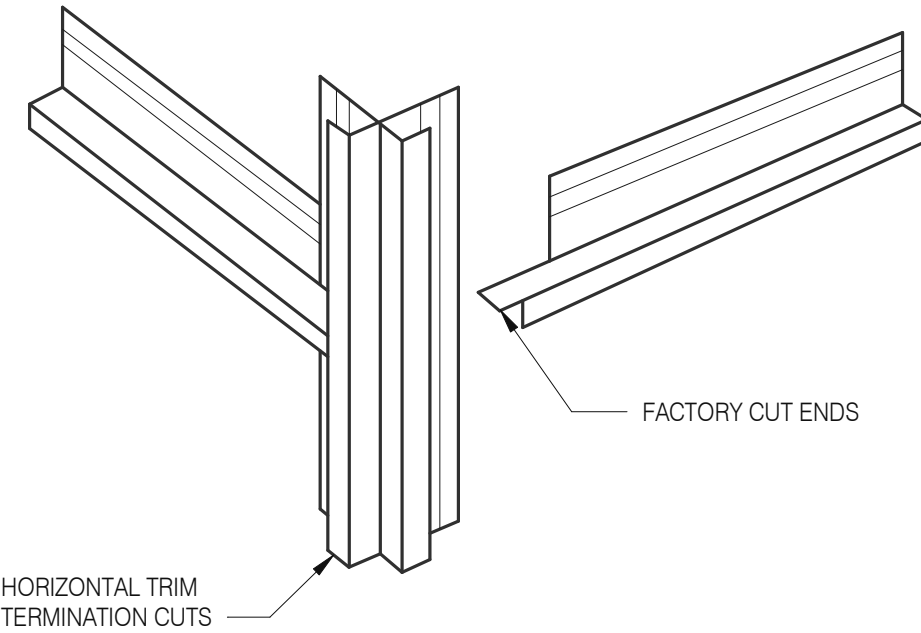
FOUNDATION @ GRADE 3" = 1'-0" 5



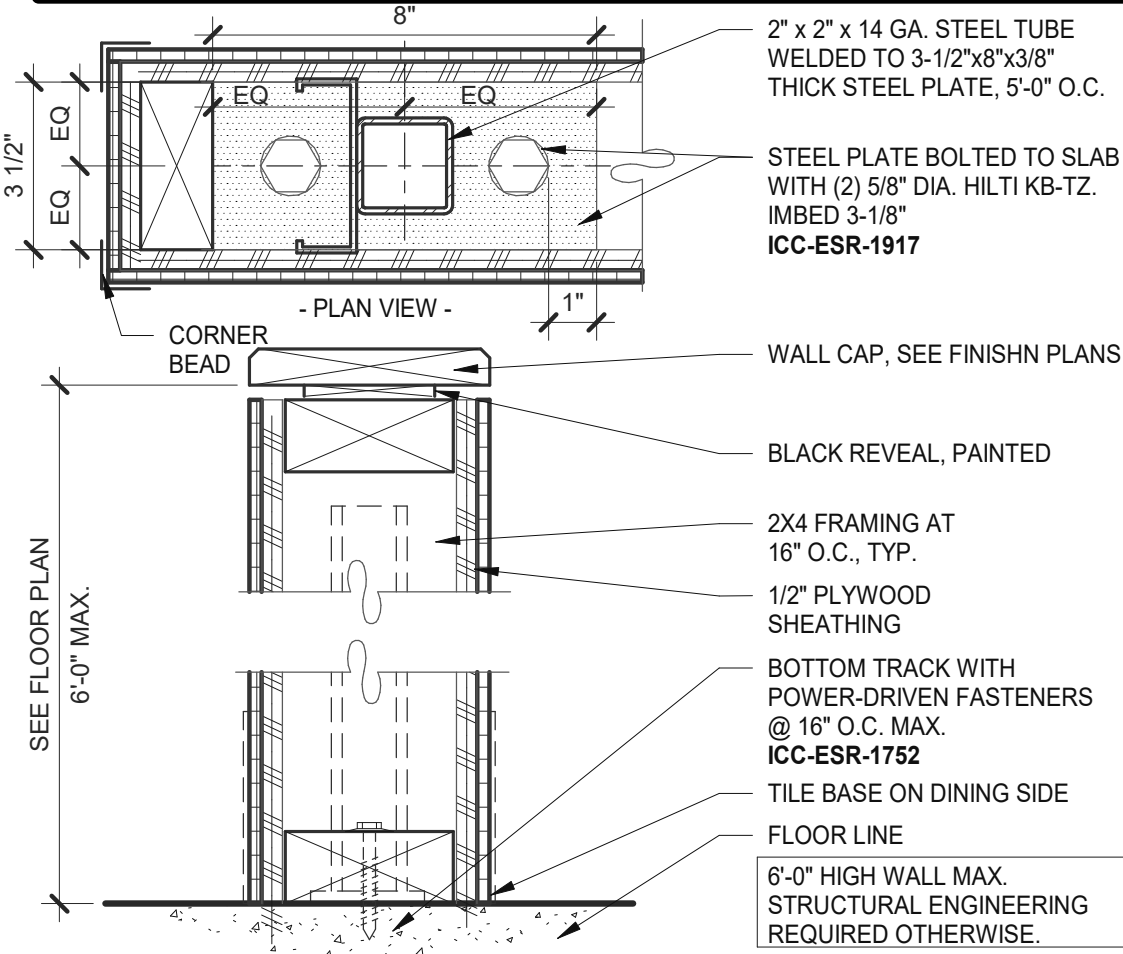
PANEL WITH VERTICAL TRIM 3" = 1'-0" 14



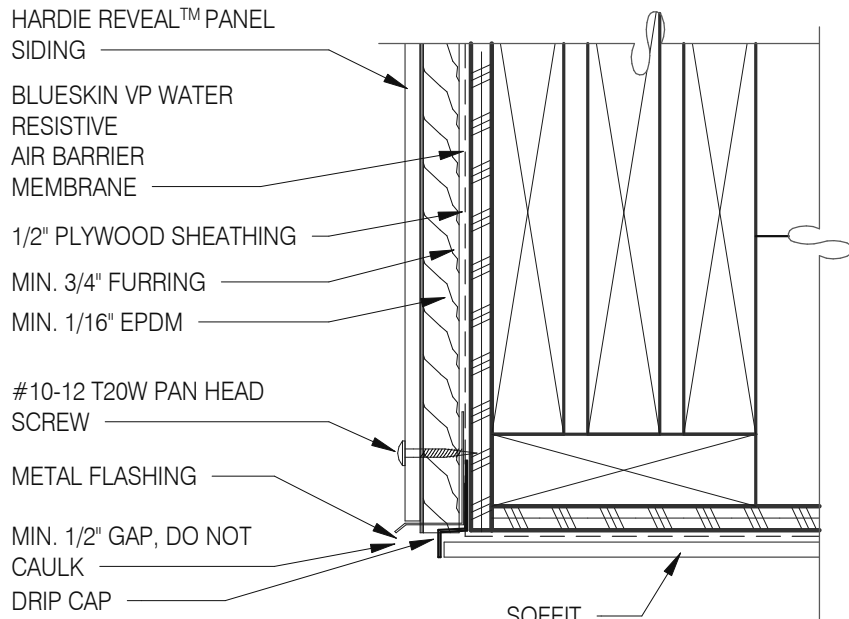
PANEL WITH VERTICAL TRIM 3" = 1'-0" 10



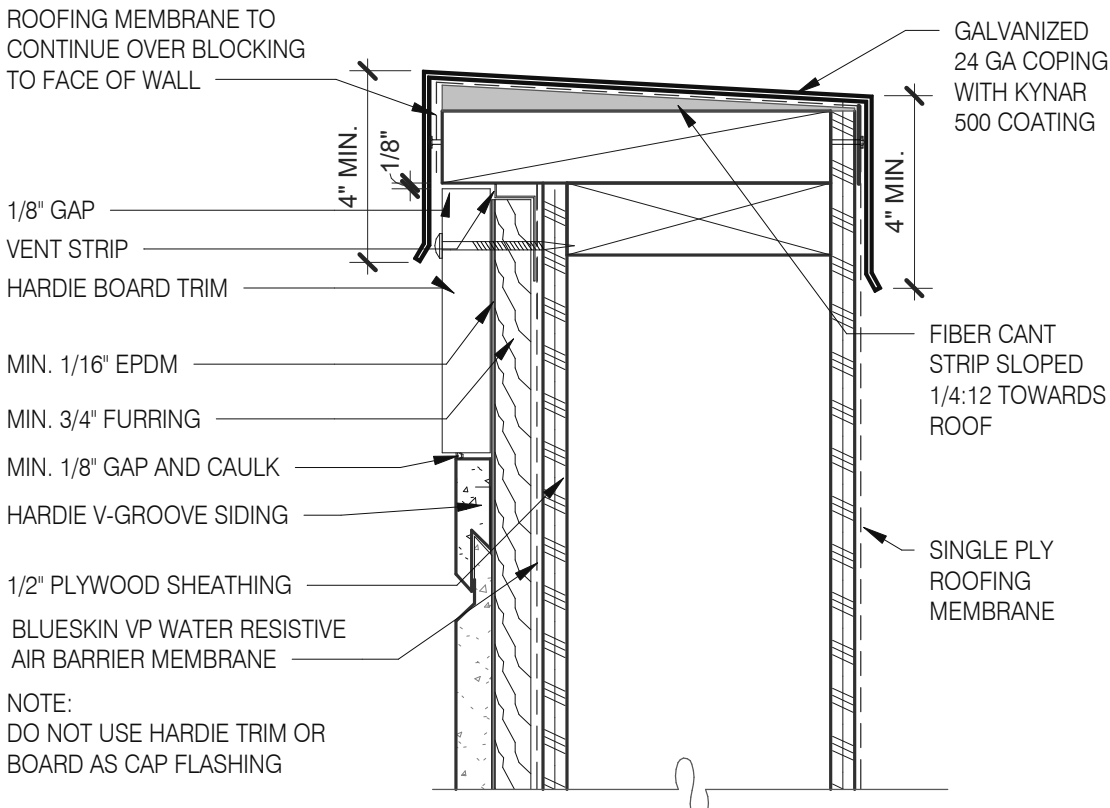
HOR. TRIM - TERMINATION N.T.S. 6



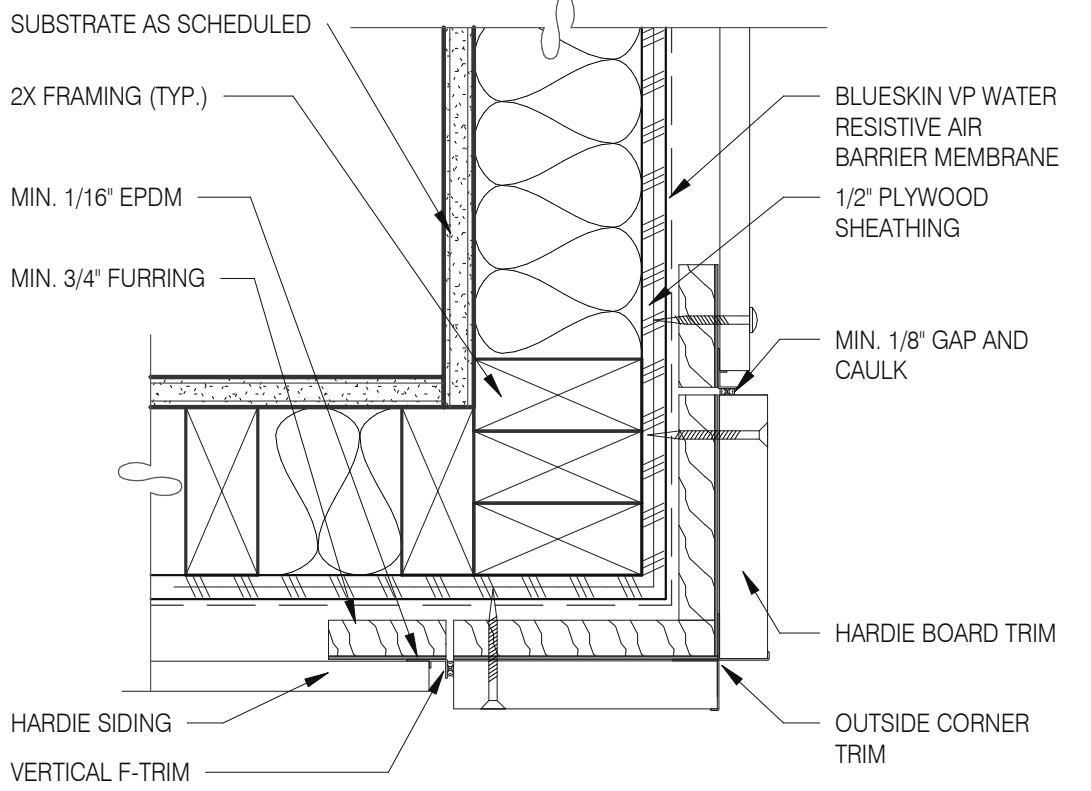
LOW WALL 3" = 1'-0" 15



SOFFIT FLASHING INTERSECTION 3" = 1'-0" 11



VENTED PARAPET WALL 3" = 1'-0" 12



OUTSIDE CORNER TRIM 3" = 1'-0" 8

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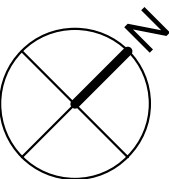
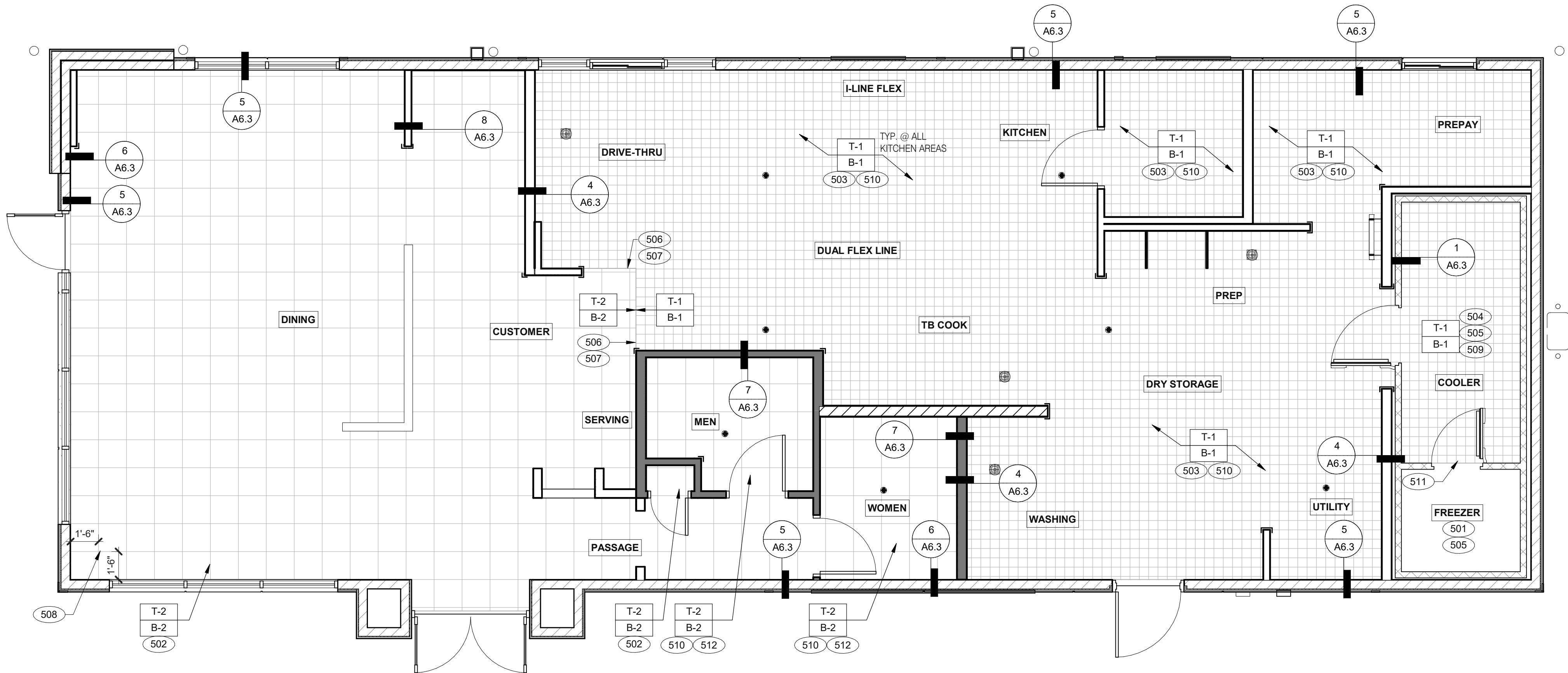
ENDEAVOR 2.0
HARDIE BOARD
DETAILS

A6.6

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

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

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

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

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

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

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

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

501 FACTORY FLOOR FINISH (GALV STL) W/INTEGRAL COVE BASE.
502 6" COVE TILE BASE. SEE DETAILS 5 & 8/A6.3.
503 6" SANITARY COVE TILE BASE. SEE DETAILS 4, 6/A6.3.
504 PROVIDE FLOOR TILE INSIDE WALK-IN COOLER (NO TILE OR BASE IN FREEZER). FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH COOLER WALL CONFIGURATION.
505 NO BASE TILE BEHIND W-059 FOR WALK-IN COOLER/FREEZER.
506 ALIGN FLOOR TILE TRANSITION WITH FACE OF WALL.
507 FLOAT FLOOR TILE FOR FLUSH TRANSITION.
508 START POINT FOR FLOOR TILE.
509 METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL 1/A6.3.
510 REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS.
511 STEP-UP AT FREEZER THRESHOLD.
512 SANITARY TILE BASE IN RESTROOM.

NOT USED

D

FLOOR FINISH NOTES

C

KEY NOTES

B

TACO BELL

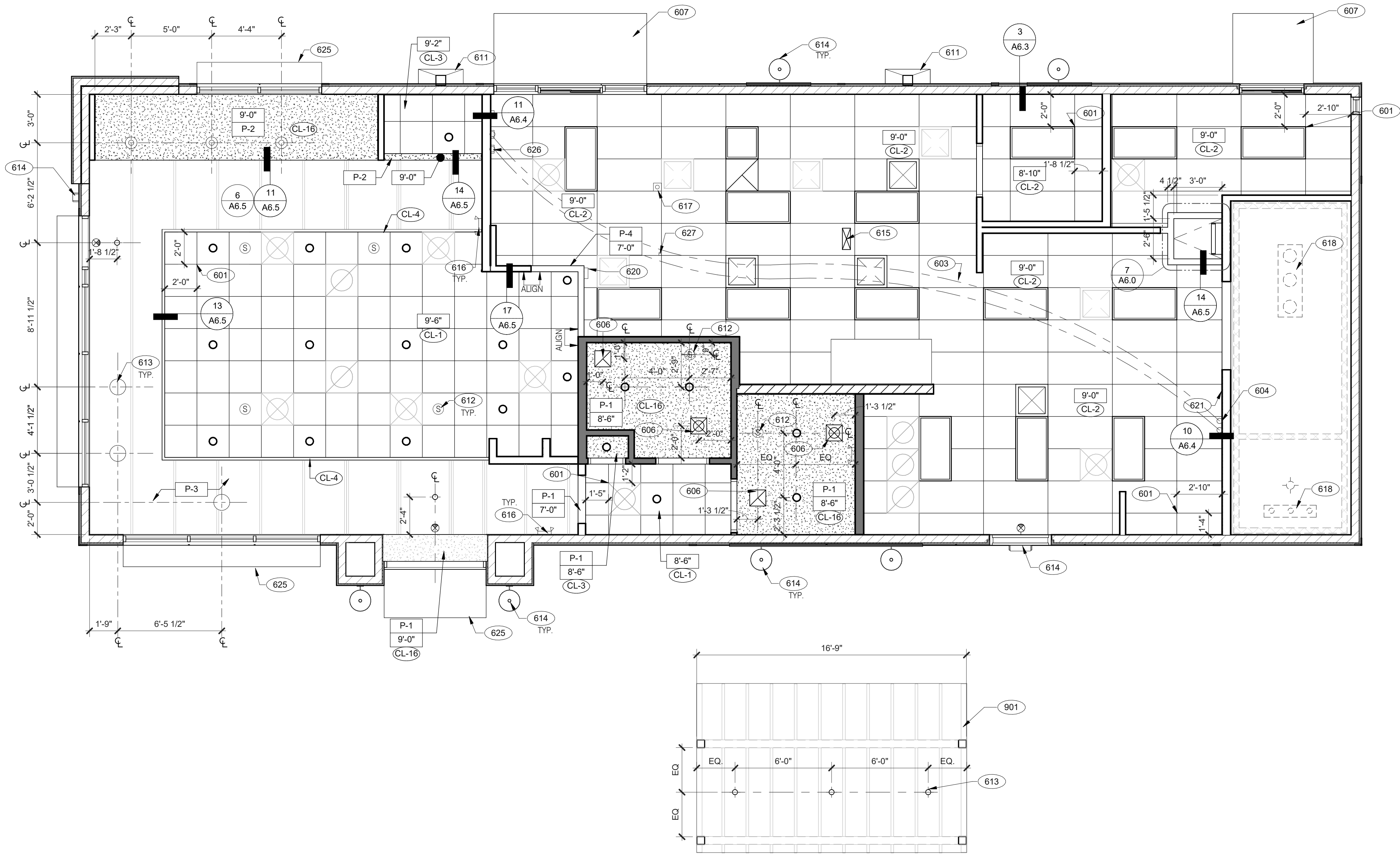
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ENDEAVOR 2.0
FLOOR FINISH
PLAN

A7.0

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ENDEAVOR 2.0
REFLECTED
CEILING PLAN

A7.1

PLOT DATE: 9/27/2022 9:49:47 AM

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

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

CEILING SYMBOL LEGEND

D

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

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

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

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

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

REFLECTED CEILING PLAN NOTES

C

601 CEILING GRID AT STARTING POINT.
603 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK.
604 6" DIAMETER PVC STUB THROUGH CEILING, SEE DETAIL 10/A6.4.
606 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL RESTROOMS).
607 DRIVE-THRU CANOPY.
611 VERTICAL DOWNSPOUT.
612 SPEAKER. CENTER ON CEILING TILE, UON.
613 PENDANT LIGHTING.
614 EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECTRICAL DRAWINGS.
615 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
616 EMERGENCY DUAL HEAD FIXTURE. SEE ELECTRICAL DRAWINGS.
617 SECURITY STROBE LIGHT, REFER TO ELECTRICAL DRAWINGS.
618 FAN COIL FOR WALK-IN.
620 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT CENTERLINE OF BOX 7'-11" A.F.F.
621 30"x30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FINISH WITH GYP. BD.
625 AWNING, SEE SCOPE OF WORK.
626 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 11/A6.4.
627 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN.
901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.

KEY NOTES

B



GPD Engineering and Architecture
Professional Corporation - 52715

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AKRON, OH 44311
330.572.2100 FAX: 330.572.2102
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FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
CEILING						
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE, SQ EDGE	#107 TAUPE	2X2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TAUPE
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2x4	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-3	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2X2	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-4	USG	USG COMPASSO STANDARD	#002 SILVER SATIN	10"H PROFILE		SEE PLANS AND DETAILS FOR MORE INFO
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP			
CHAIR RAIL						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
FLOOR BASE						
B-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ 3/8" SANITARY COVE
B-2	CMC	MOTIF GREY - PORCELAIN	GREY	6X12	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	3/8" SANITARY COVE
FLOORING						
T-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ
T-2	CMC	MOTIF GREY - PORCELAIN	GREY	18X18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	
FRP/LAMINATE						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG OPTIONAL: PEBBLE FINISH
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVEING LAMINATE
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, RR/UTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
CORNER GUARDS						
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4' X 3/4'		FOR PAINT MATCH P-1
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4' X 3/4'		FOR PAINT MATCH CR-1 & WC-1
METAL TRANSITION						
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
MT-3	SCHLUTER	RONDEC - ALUMINUM		3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
SOLID SURFACE						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
WALL COVERING						
WC-1	WOLF GORDON	'RAMPART' HIGH IMPACT WALL COVERING	FOUNDATION/ PIGMENT (GOH 12172606)		RAILROAD INSTALLATION; THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 L.F.
WALL PAINT						
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT
P-2	SHERWIN WILLIAMS	TB2603C	PURPLE	N/A	N/A	
P-3	SHERWIN WILLIAMS	SW7076	CYBER SPACE	N/A	N/A	
P-4	SHERWIN WILLIAMS	SW7005	PURE WHITE	N/A	N/A	
WALL TILE						
W-1	CMC	FORM - PORCELAIN	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE
W-2	CMC	FORM - PORCELAIN	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
W-3	CMC	SALVAGEWOOD - PORCELAIN	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%

NOT USED

A

DATE	REMARKS
07.11.22	Issued for Permit
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CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
FINISH
SCHEDULE

A7.2

PLOT DATE: 9/27/2022 9:49:48 AM

FINISH LEGEND

D

WESTERN STATES METAL ROOFING
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P: (800) 377-1221
M: (330) 260-7633
1 MARLITE DRIVE, DOVER, OH 44622
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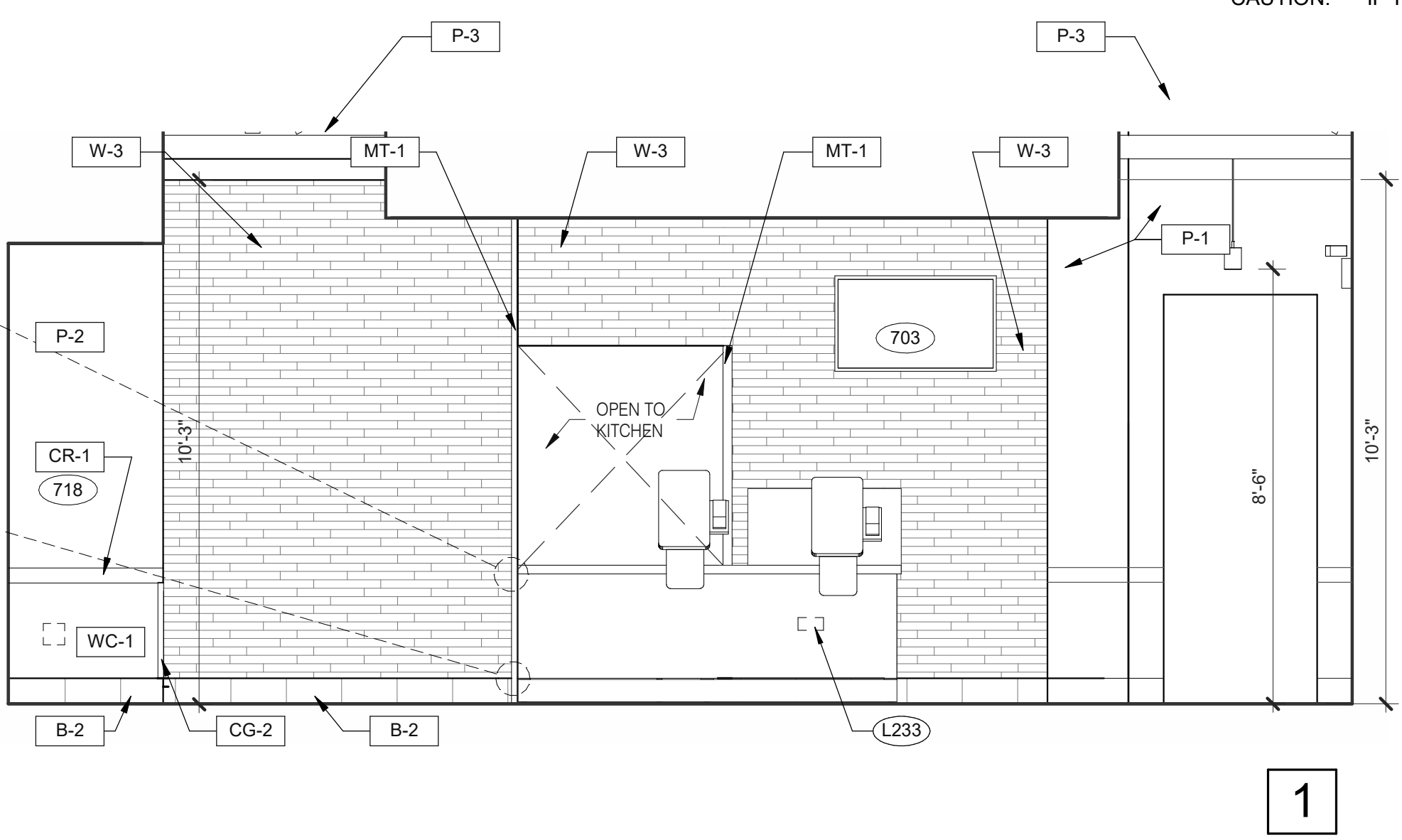
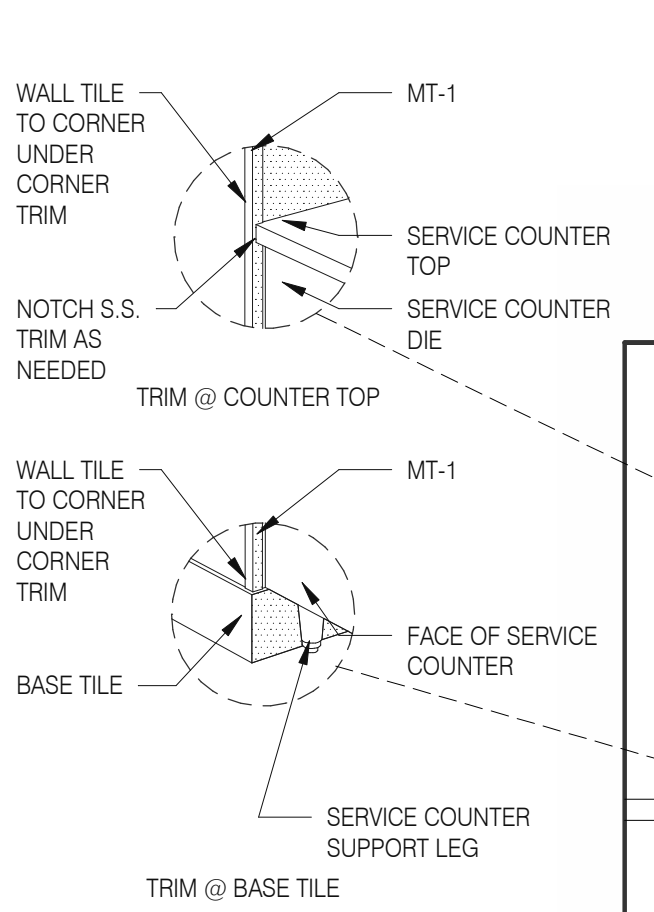
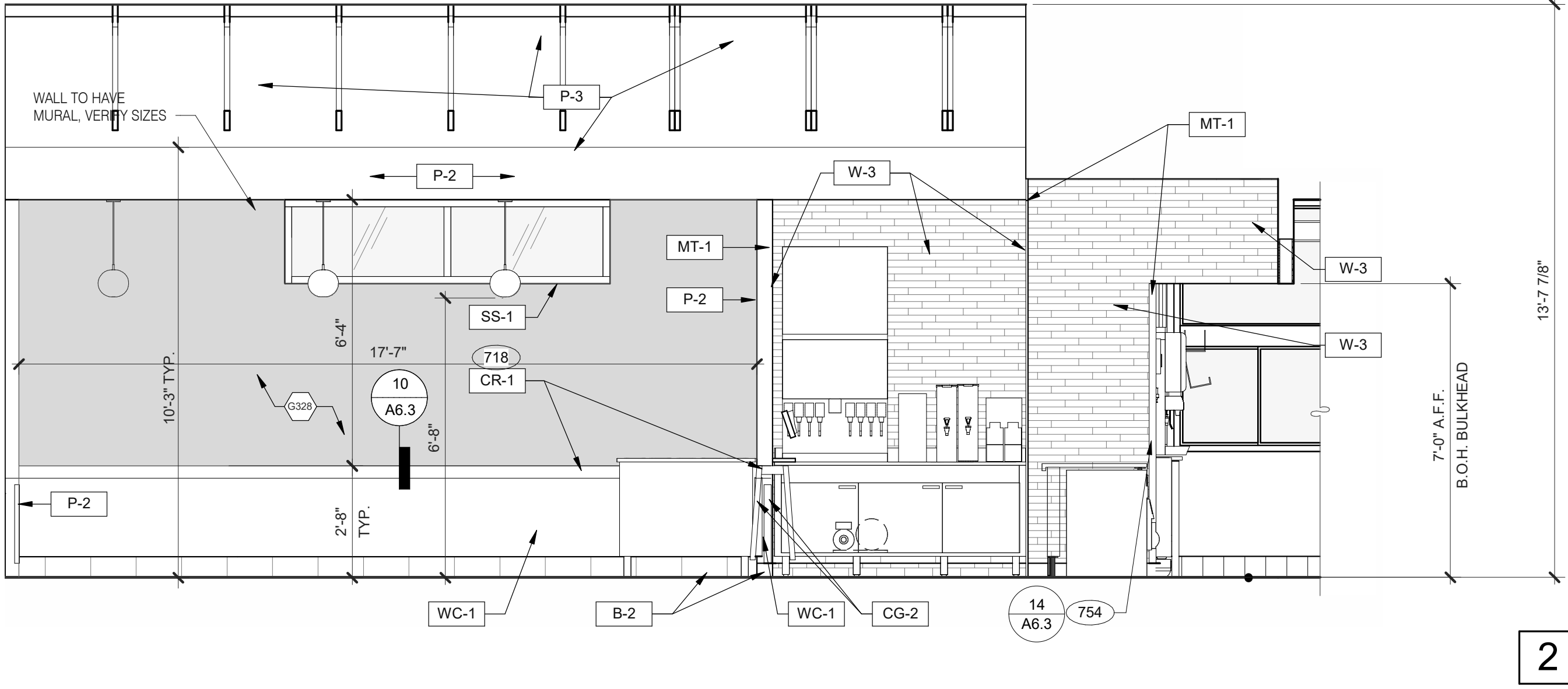
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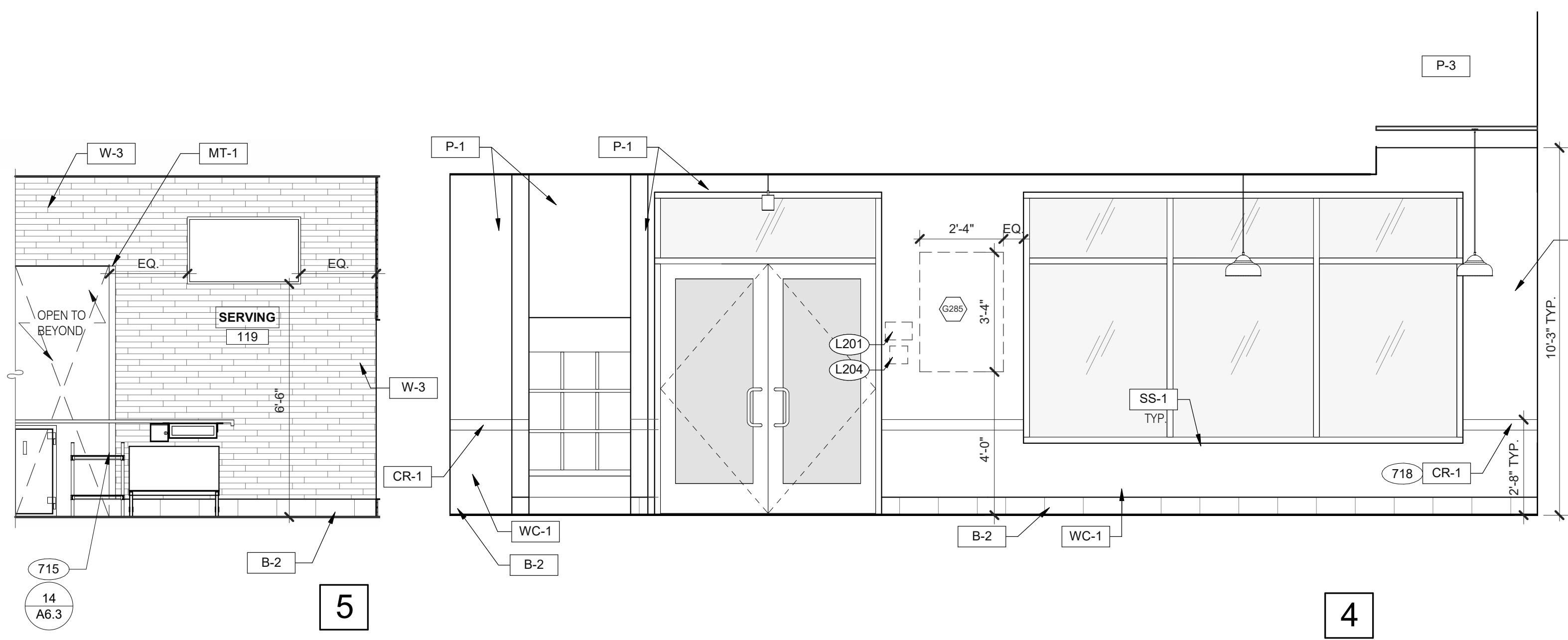
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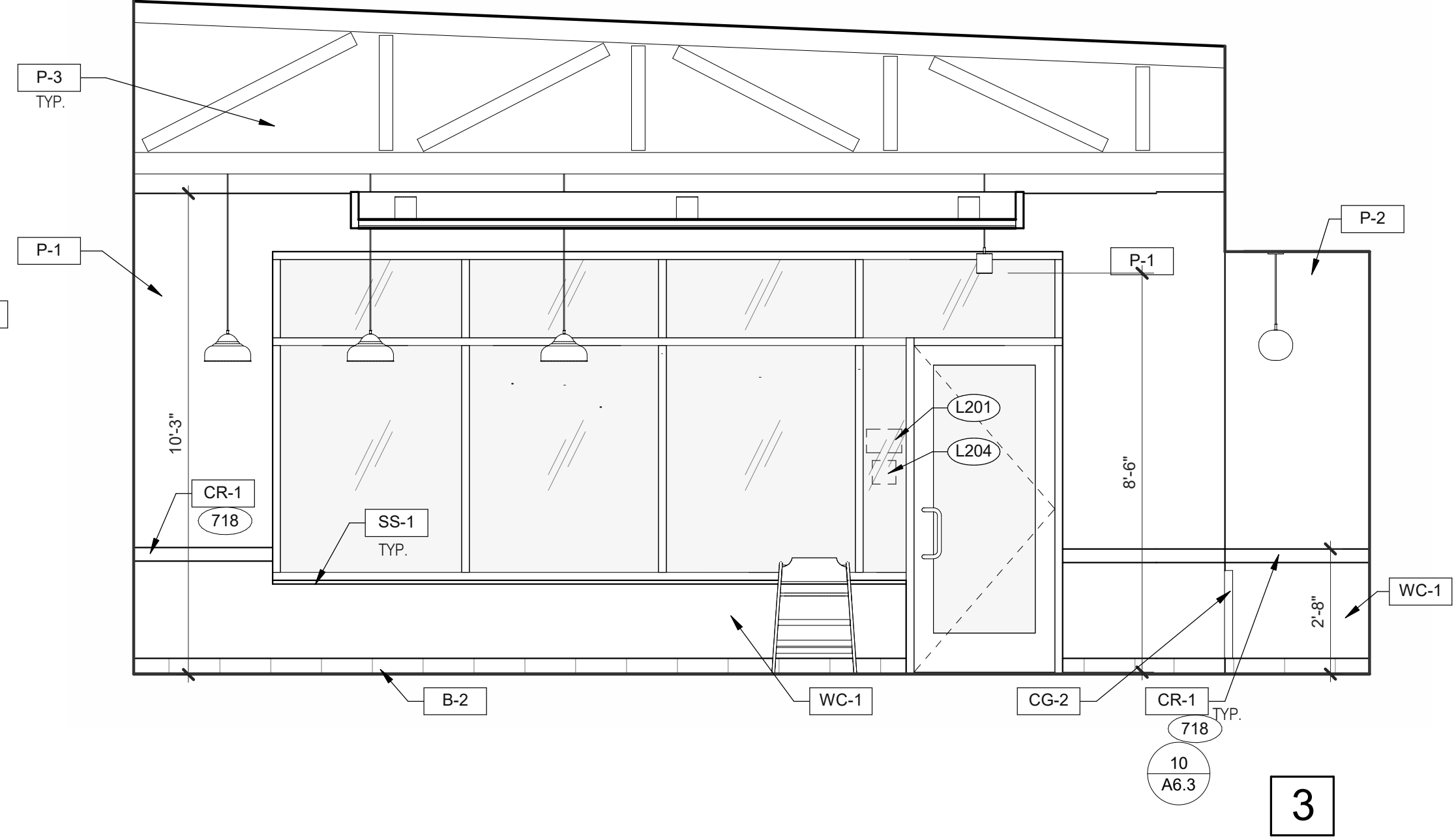
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DINING 3/8" = 1'-0"

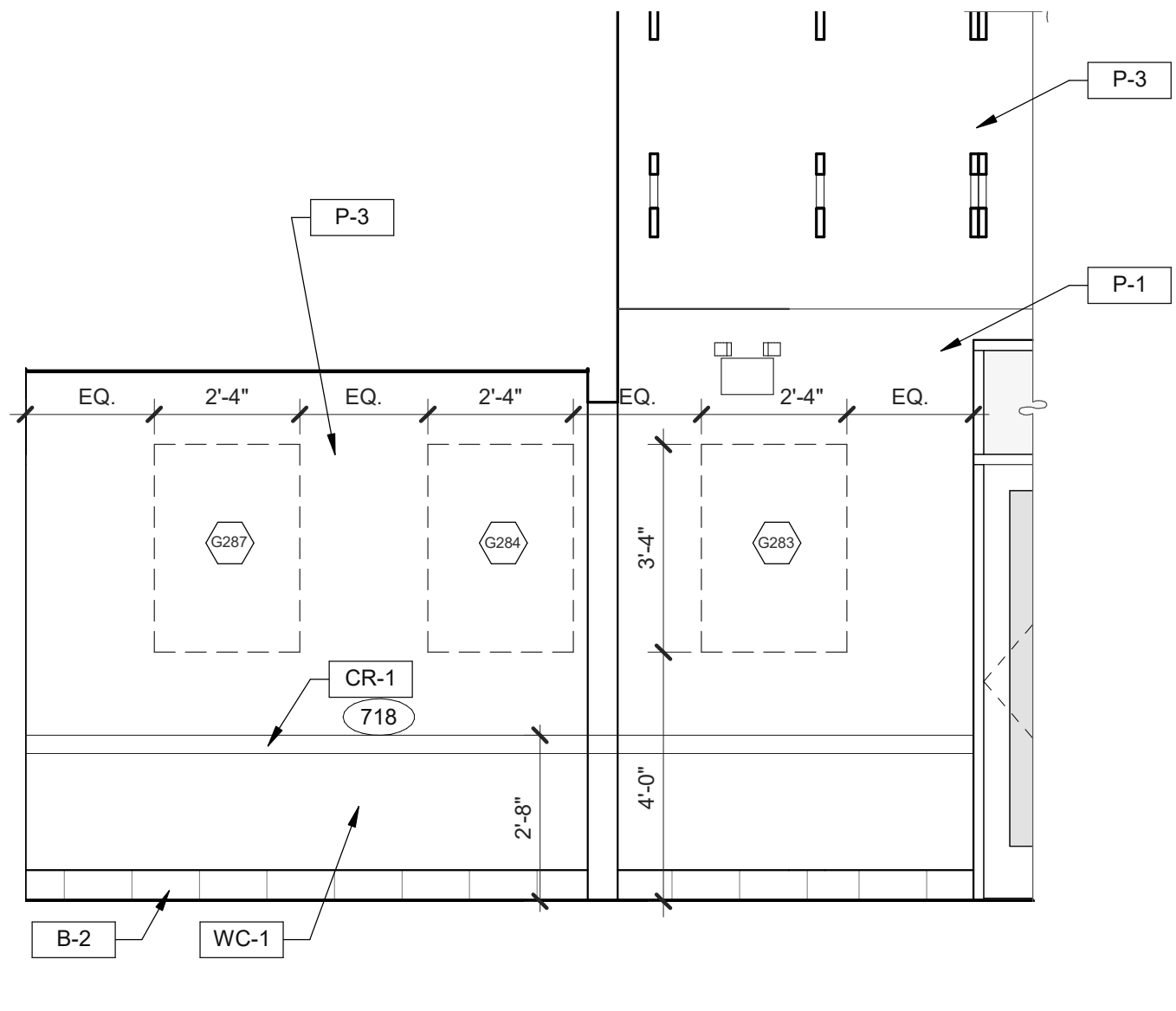


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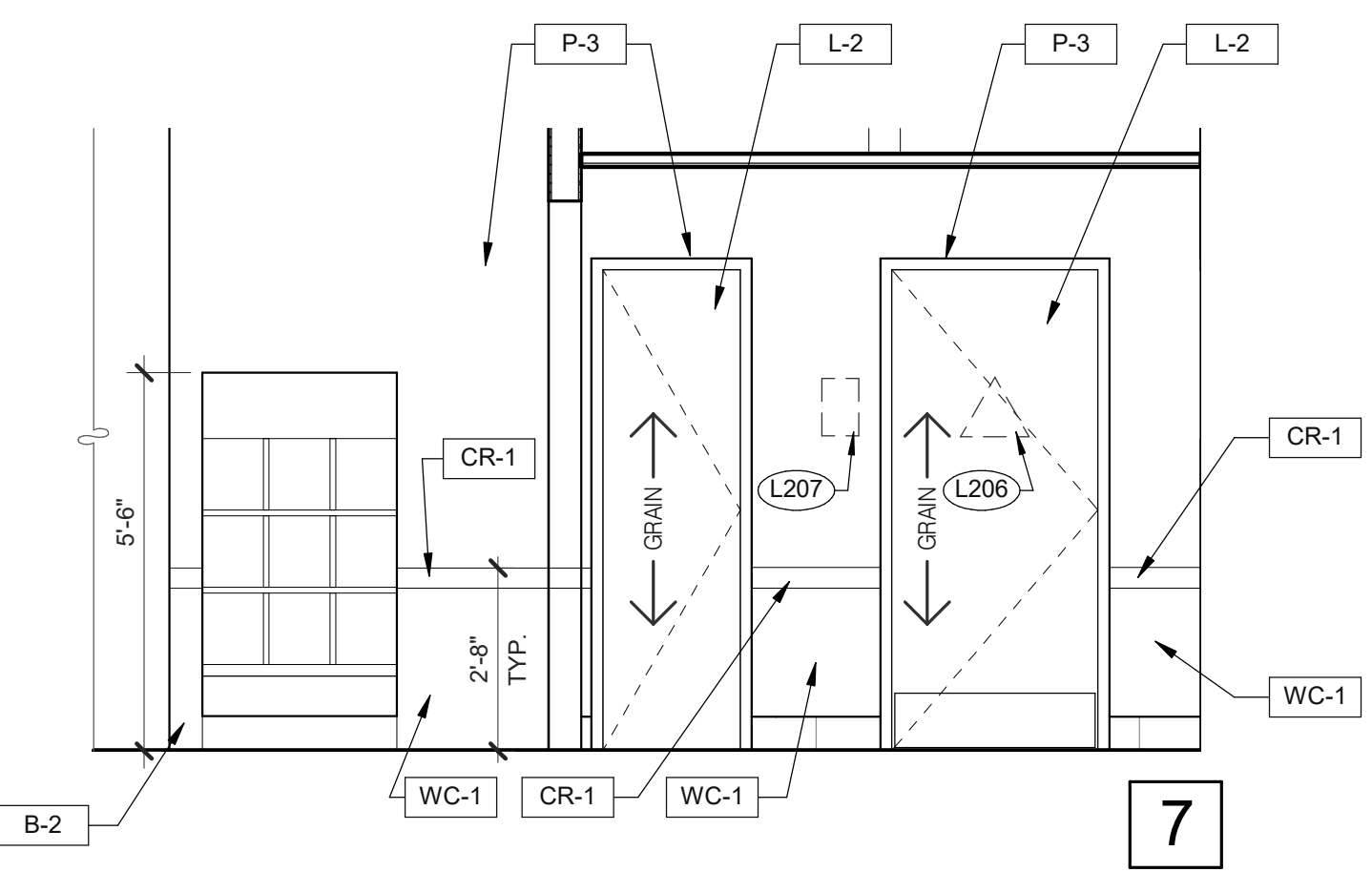


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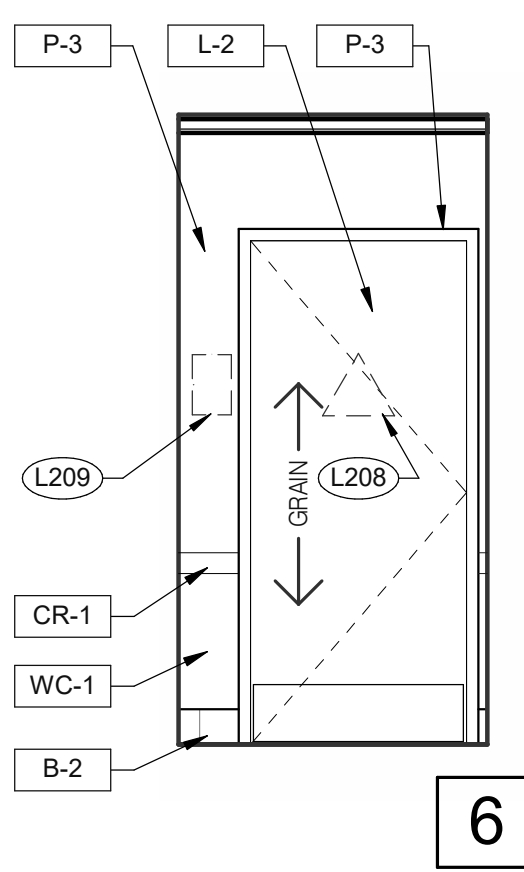
DINING 3/8" = 1'-0"



8



7



6

PASSAGE 3/8" = 1'-0"

- 703 LTO MENUBOARD.
- 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 14/A6.3
- 718 CHAIR RAIL.
- 754 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.

KEYNOTES

A

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BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

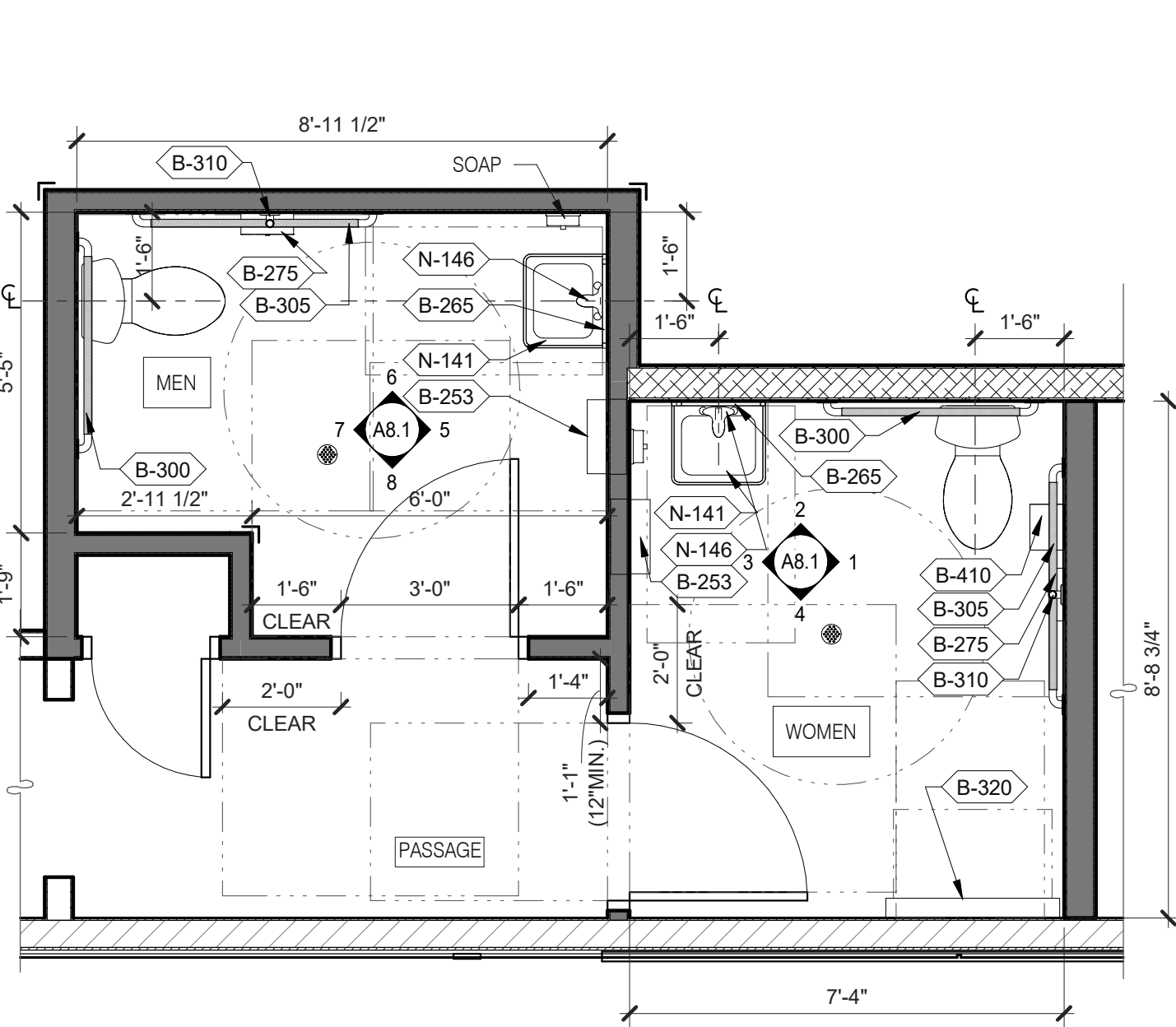
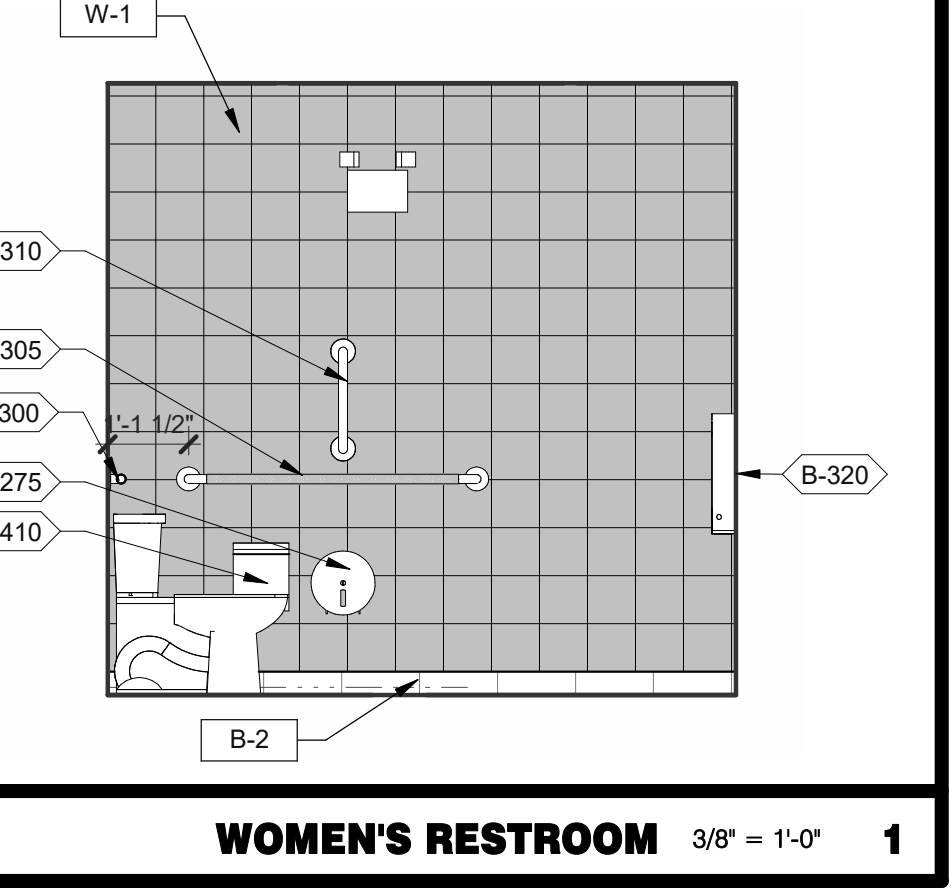
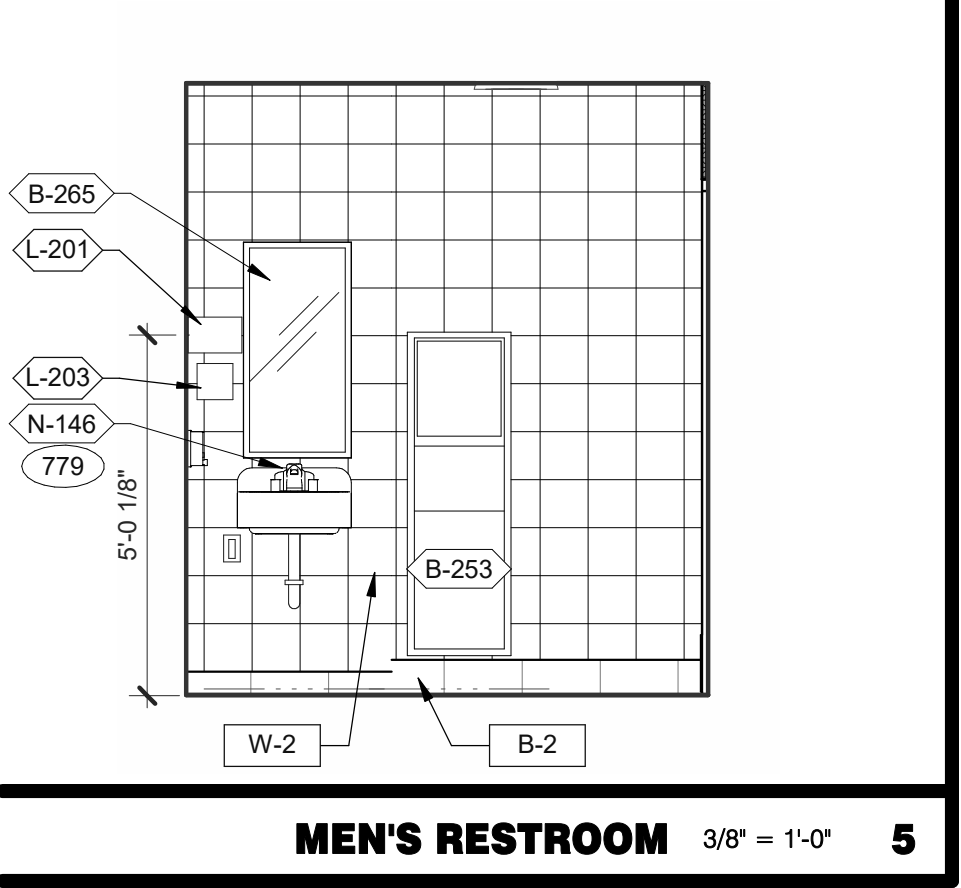
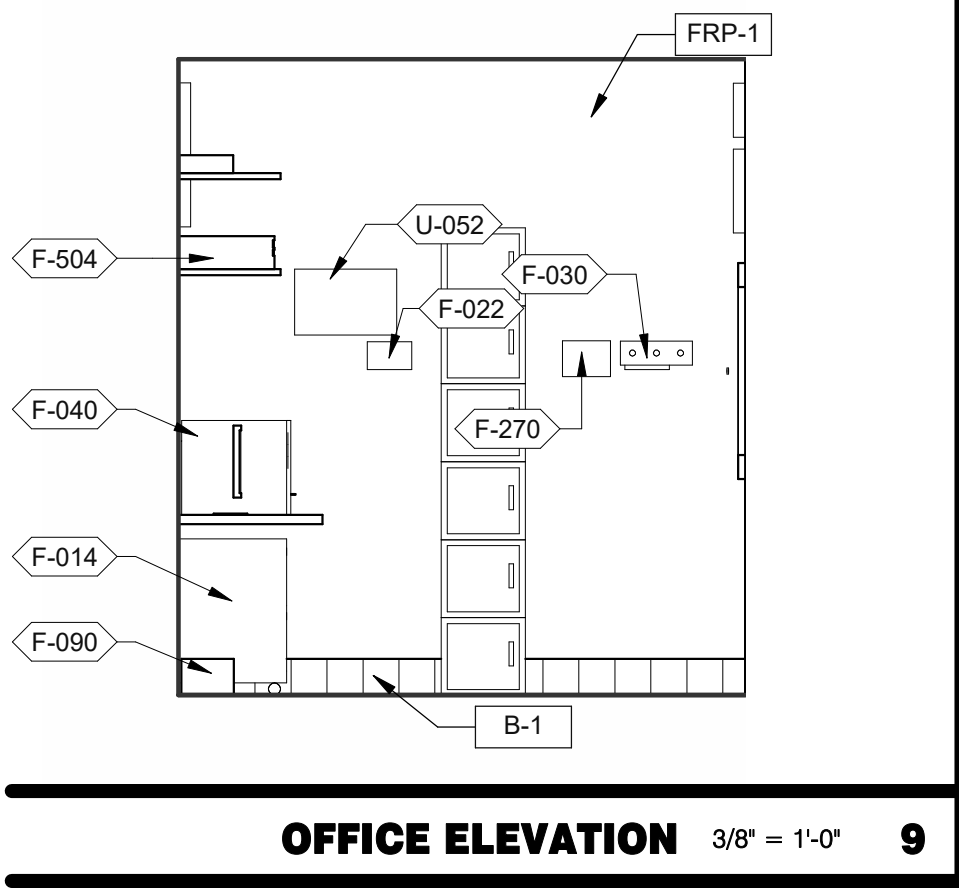
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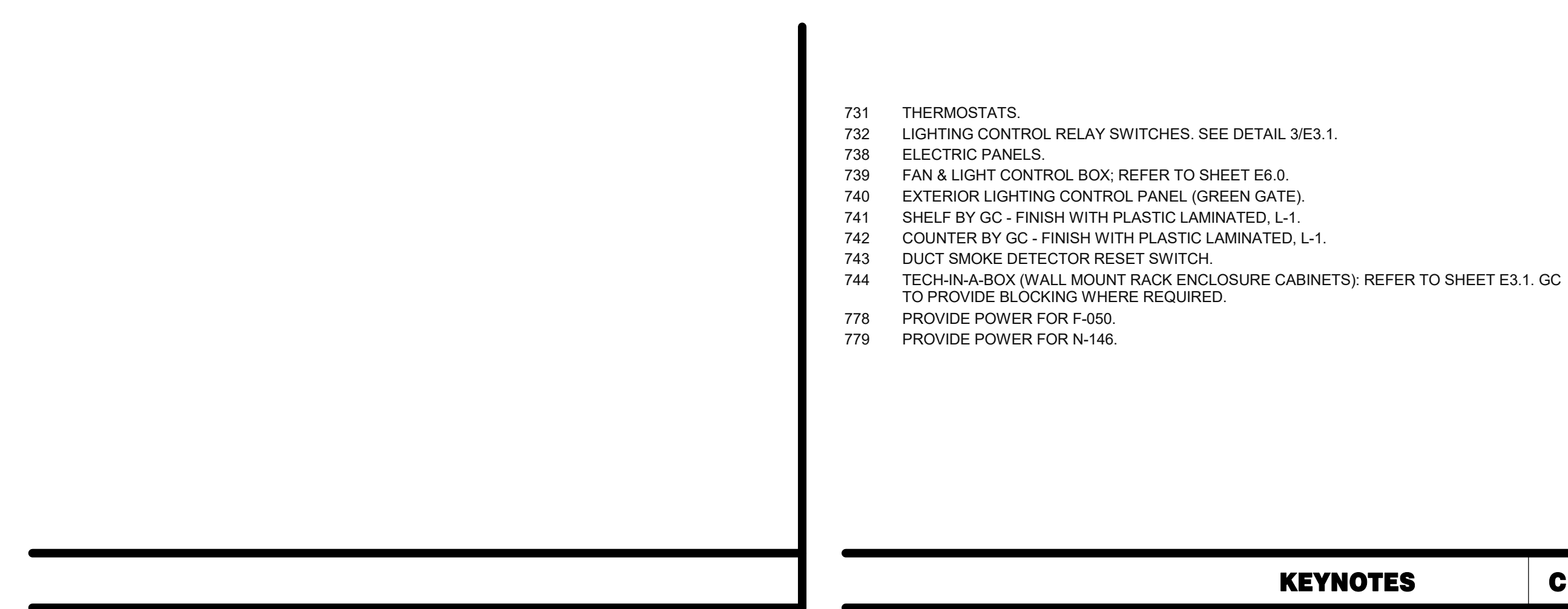
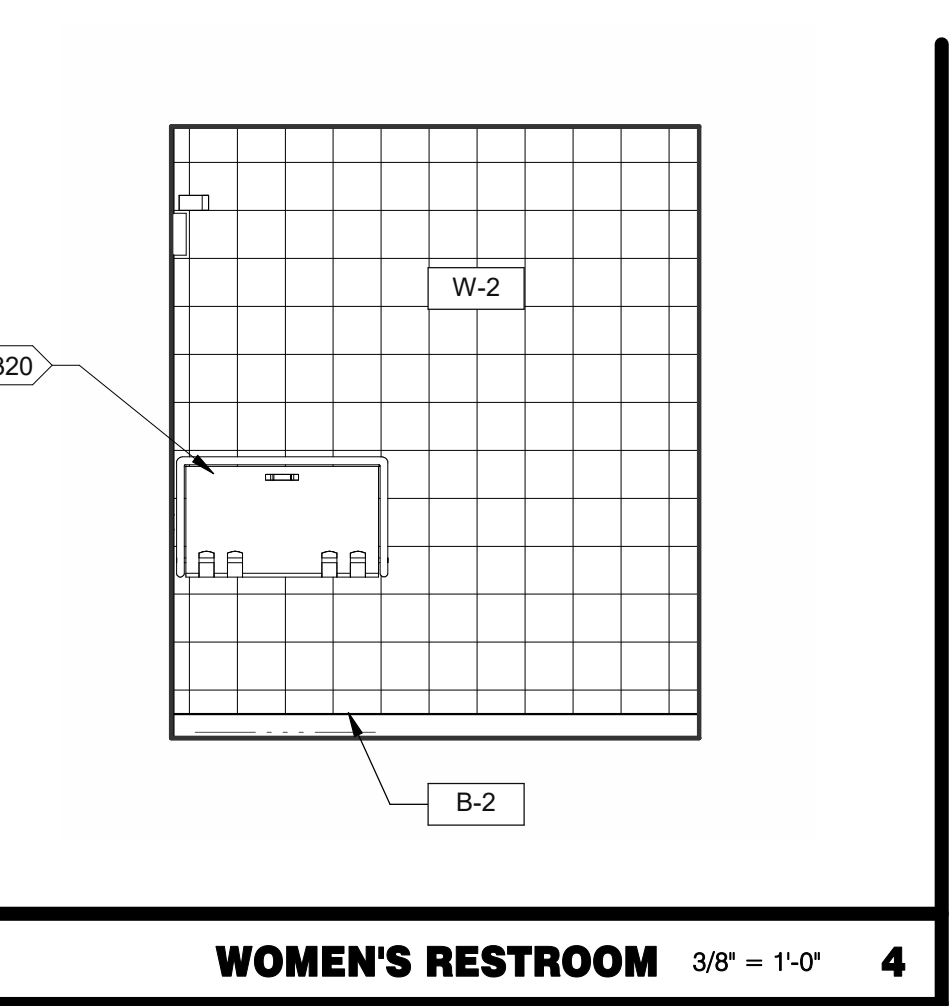
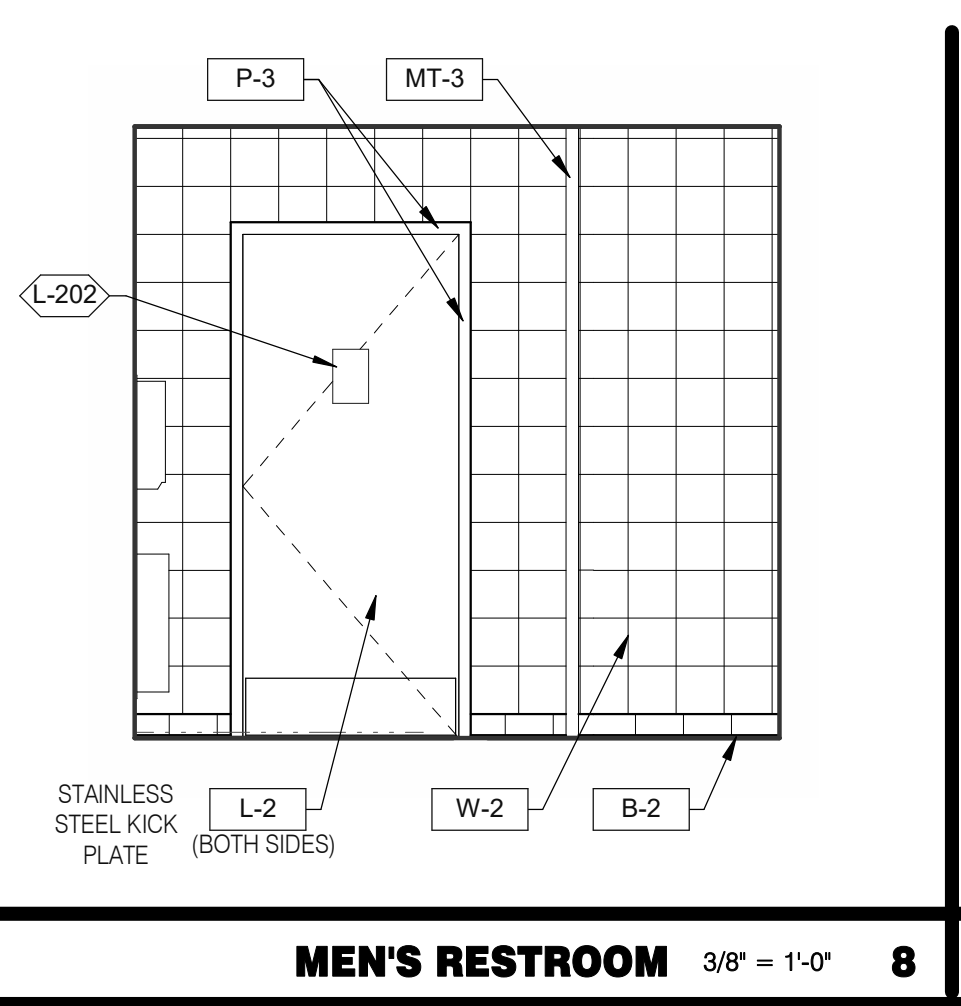
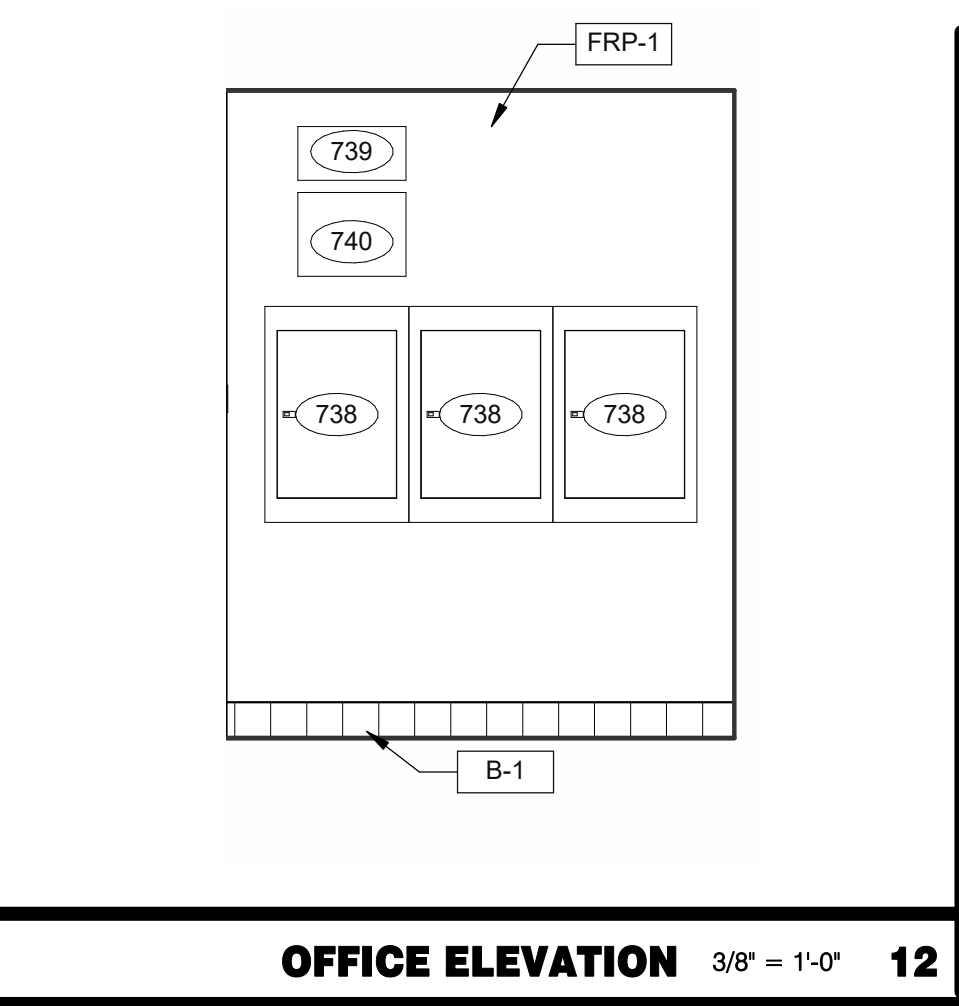
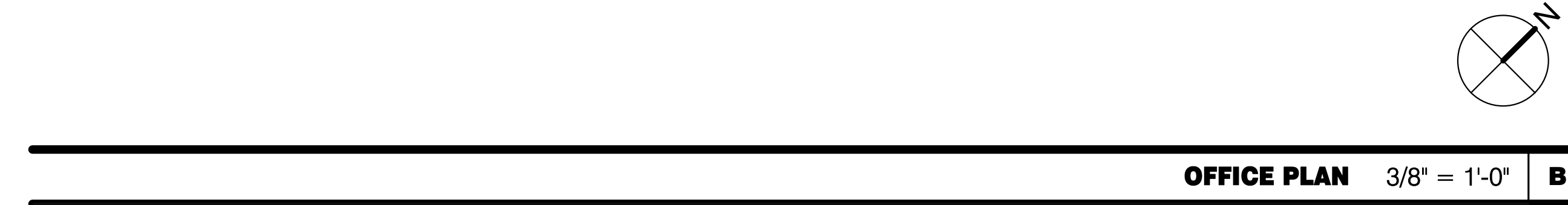
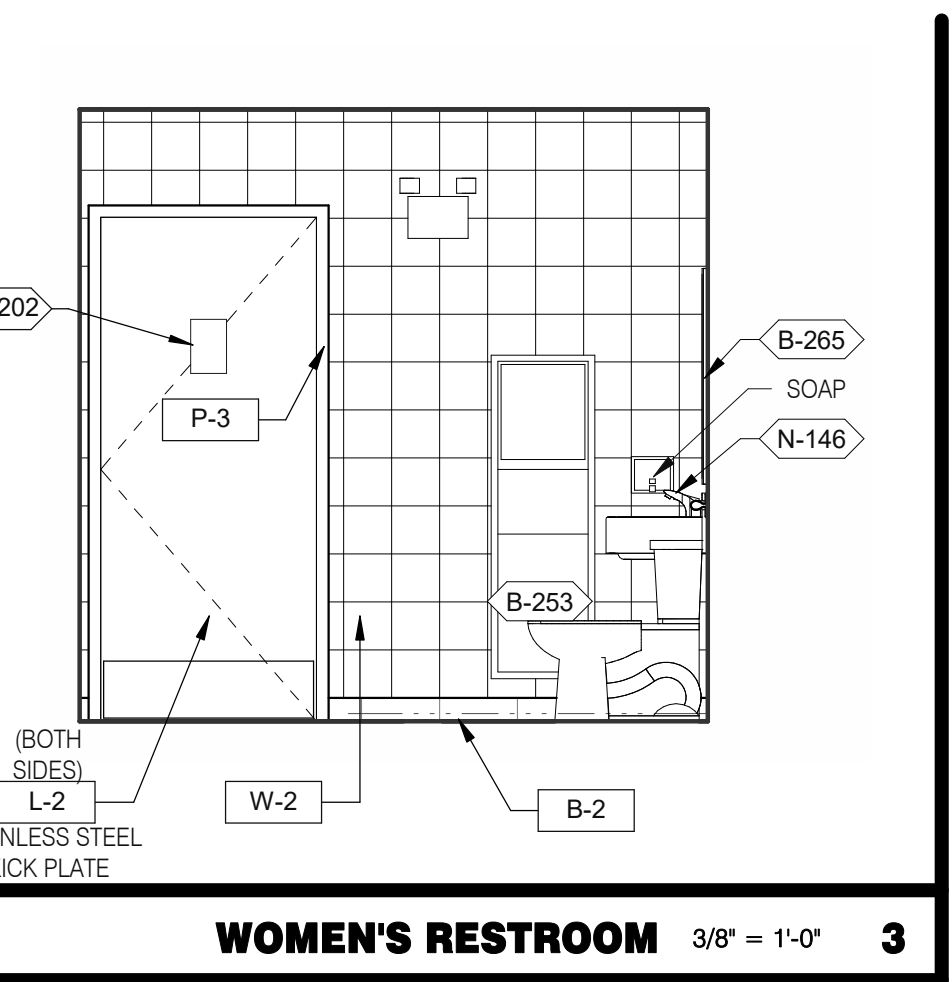
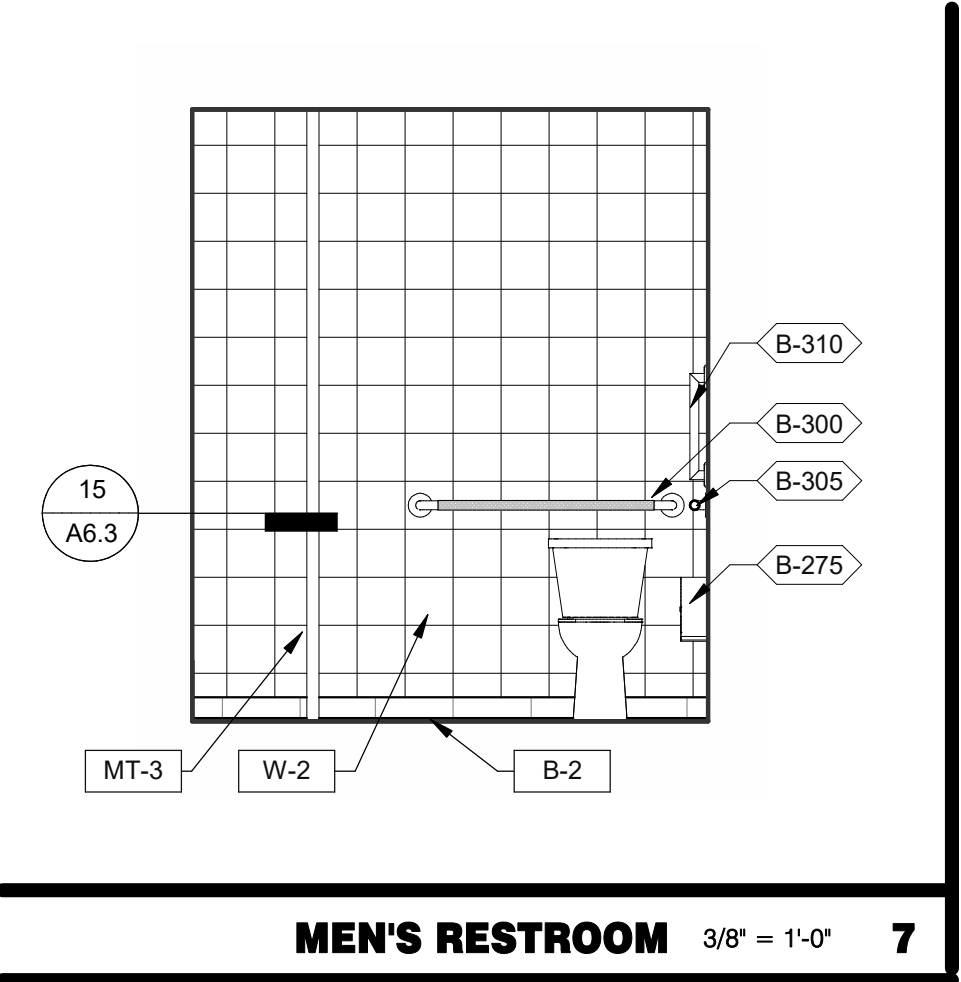
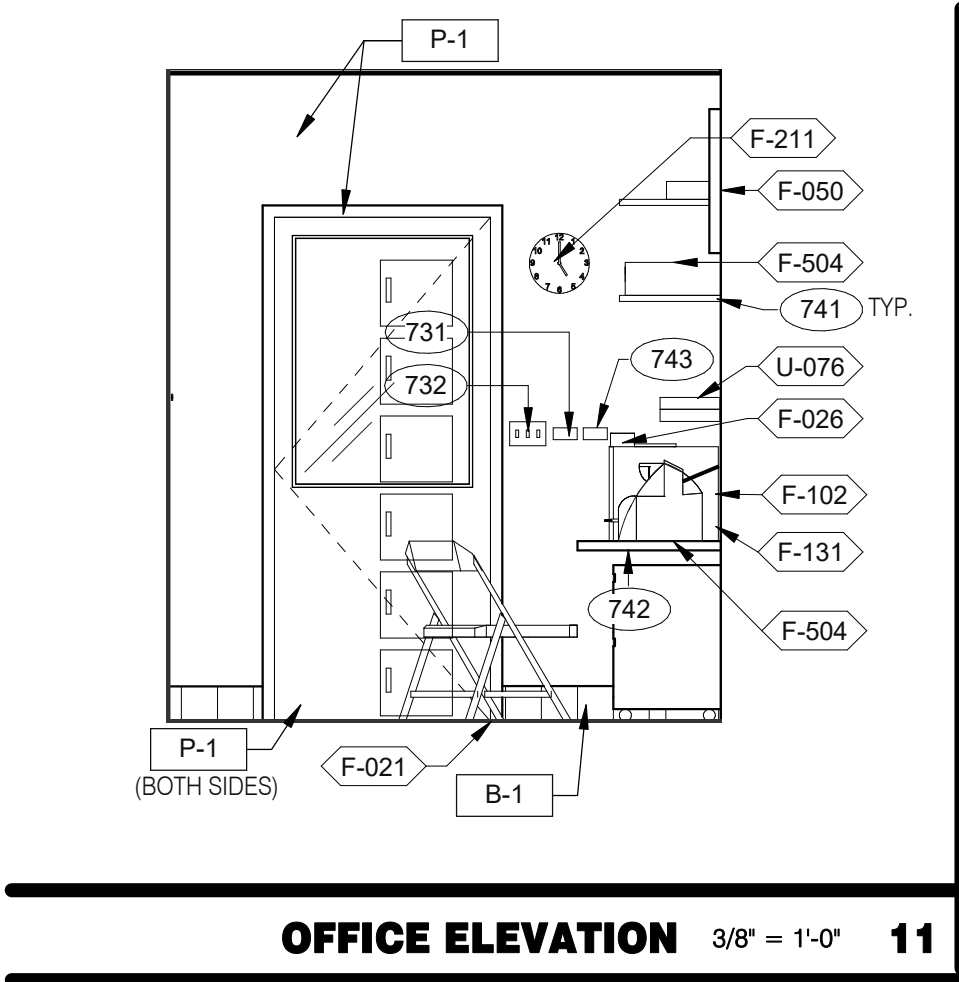
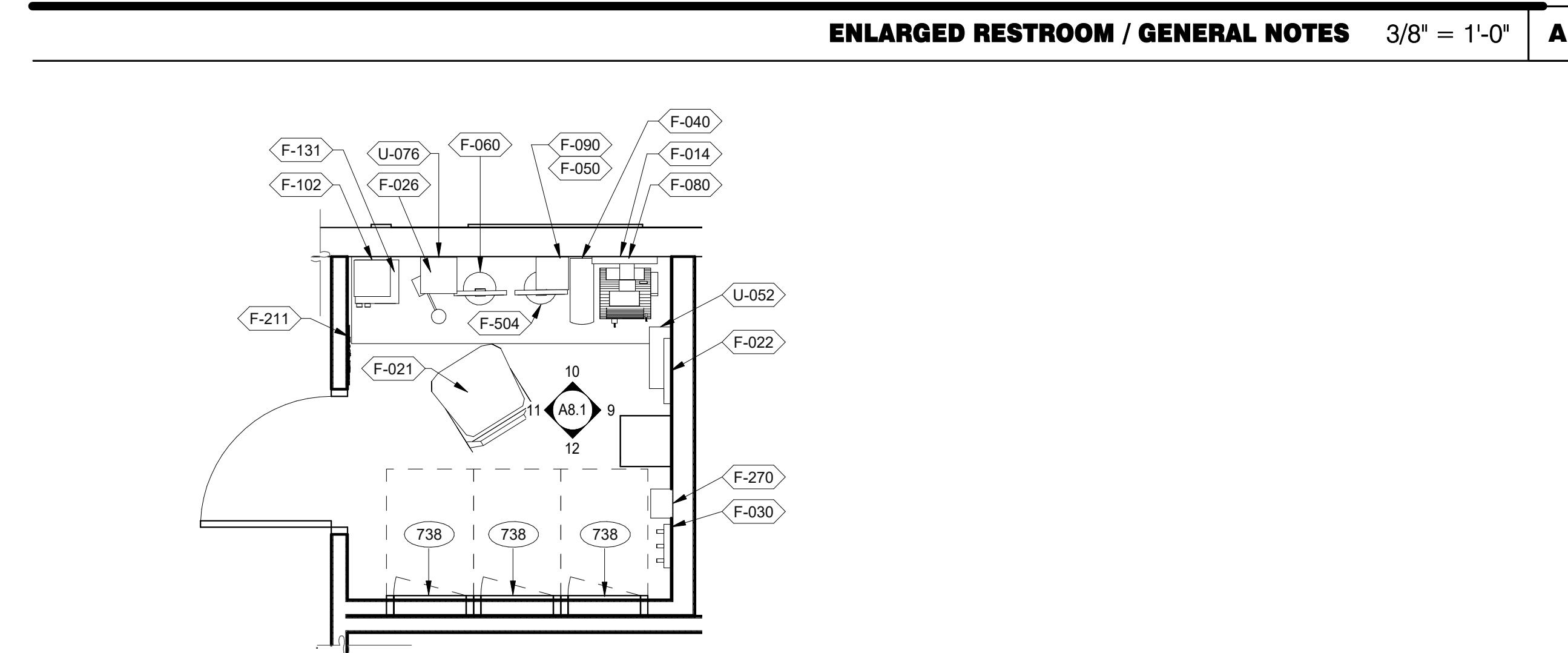
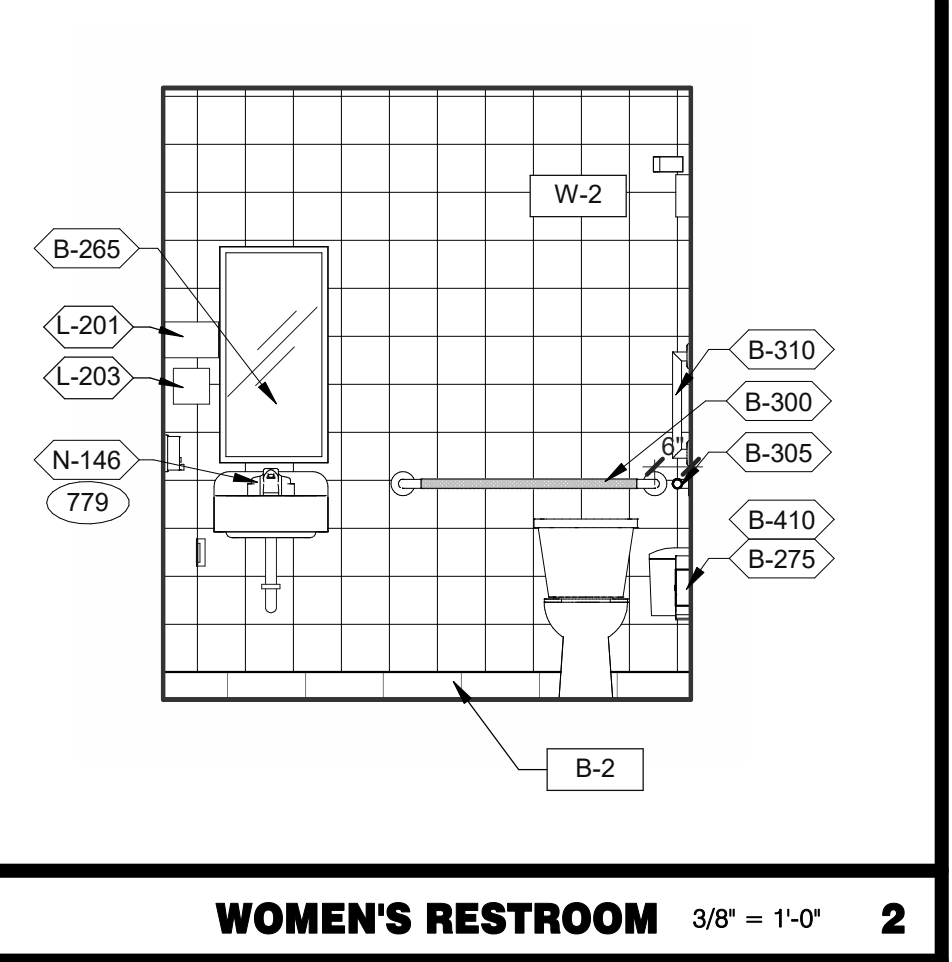
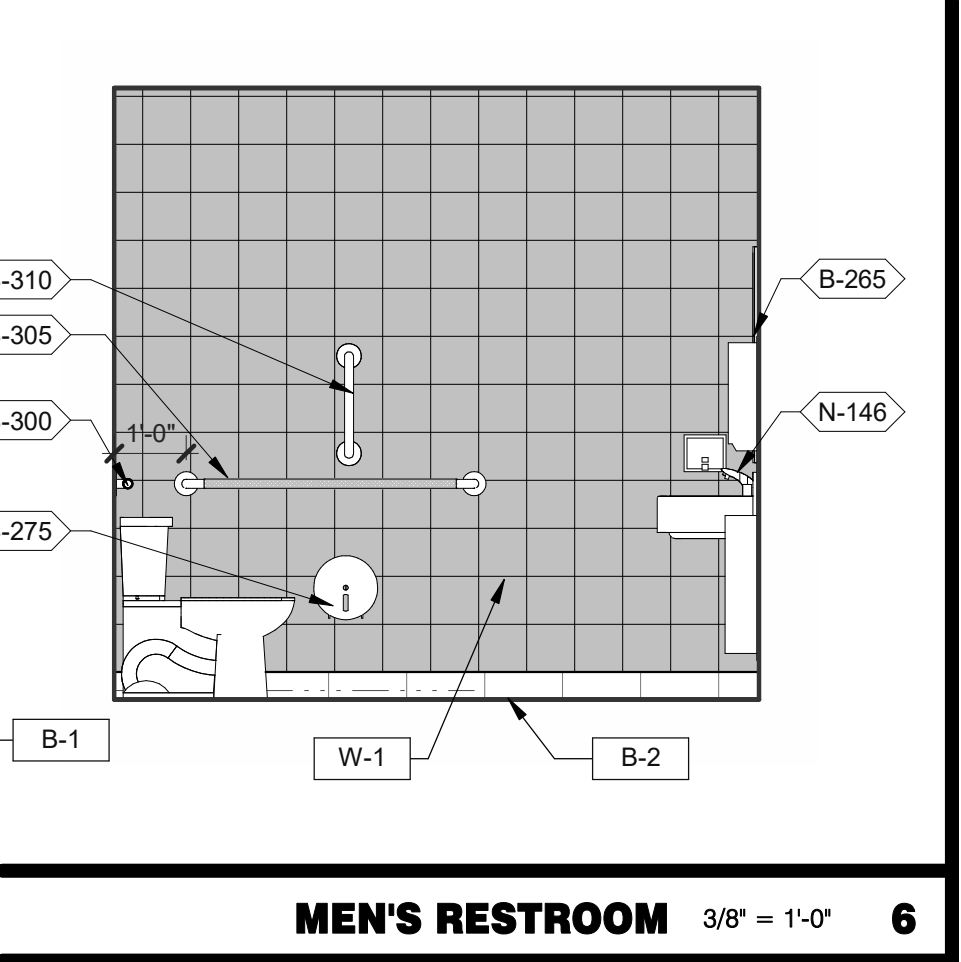
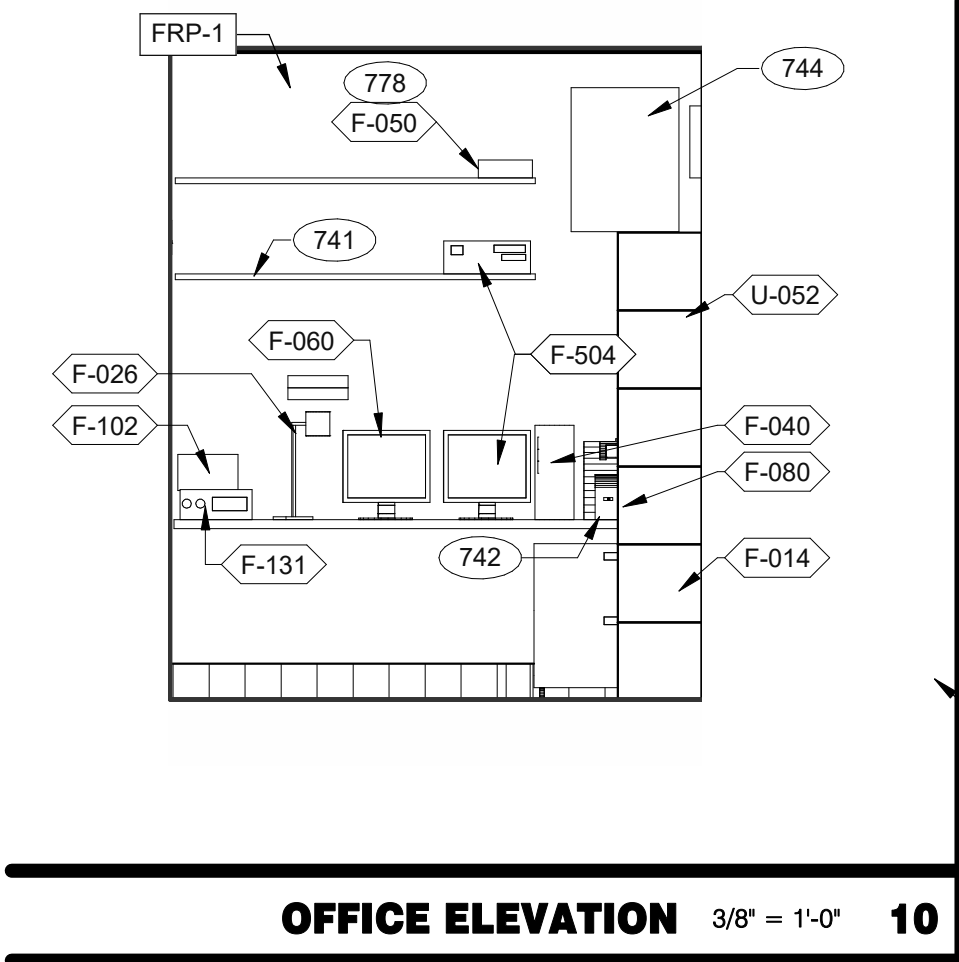


**ENDEAVOR 2.0
INTERIOR
ELEVATIONS
DINING ROOM**

A8.0



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



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SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL

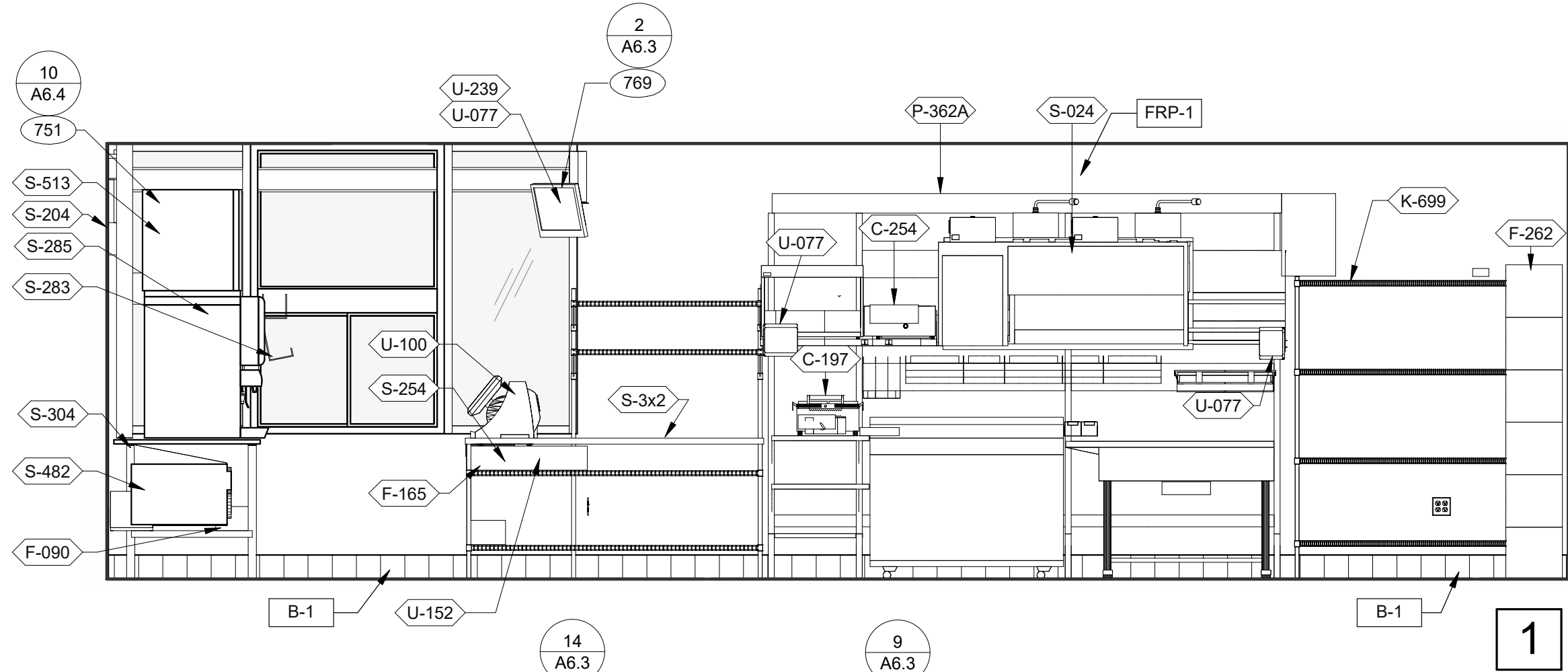
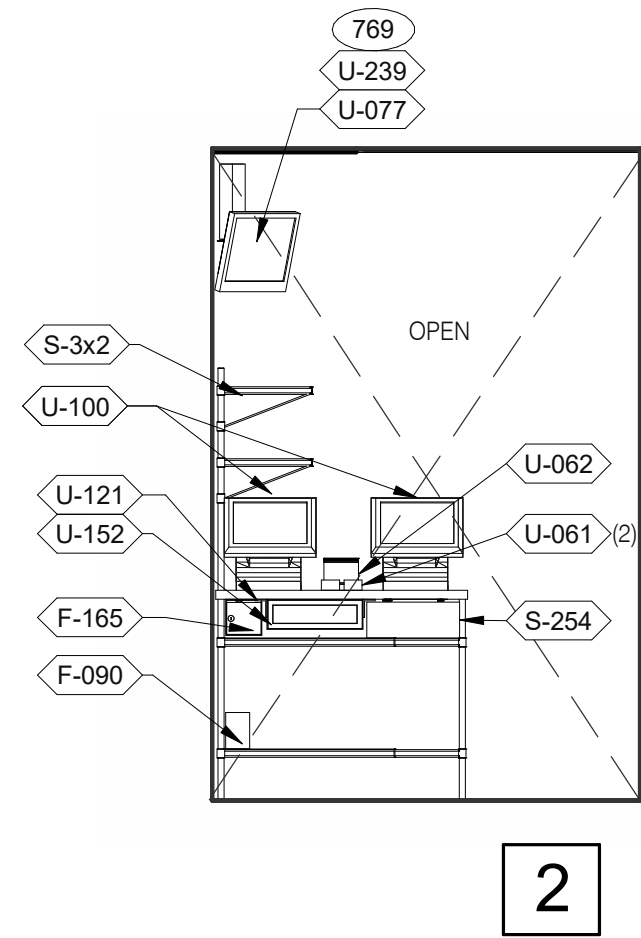
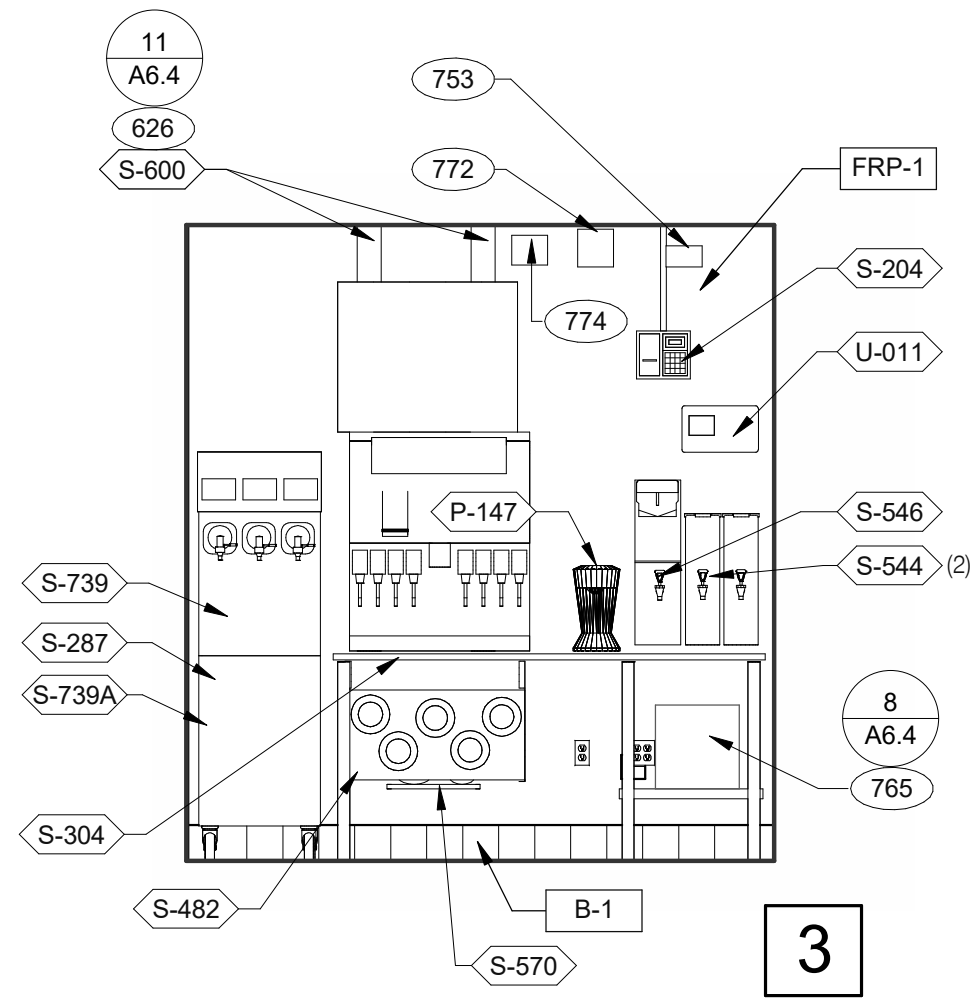
2005 East Dixon Blvd.
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TACO BELL

ENDEAVOR 2.0
INTERIOR ELEV.
ENLARGED
RESTROOMS &
OFFICE PLAN

A8.1

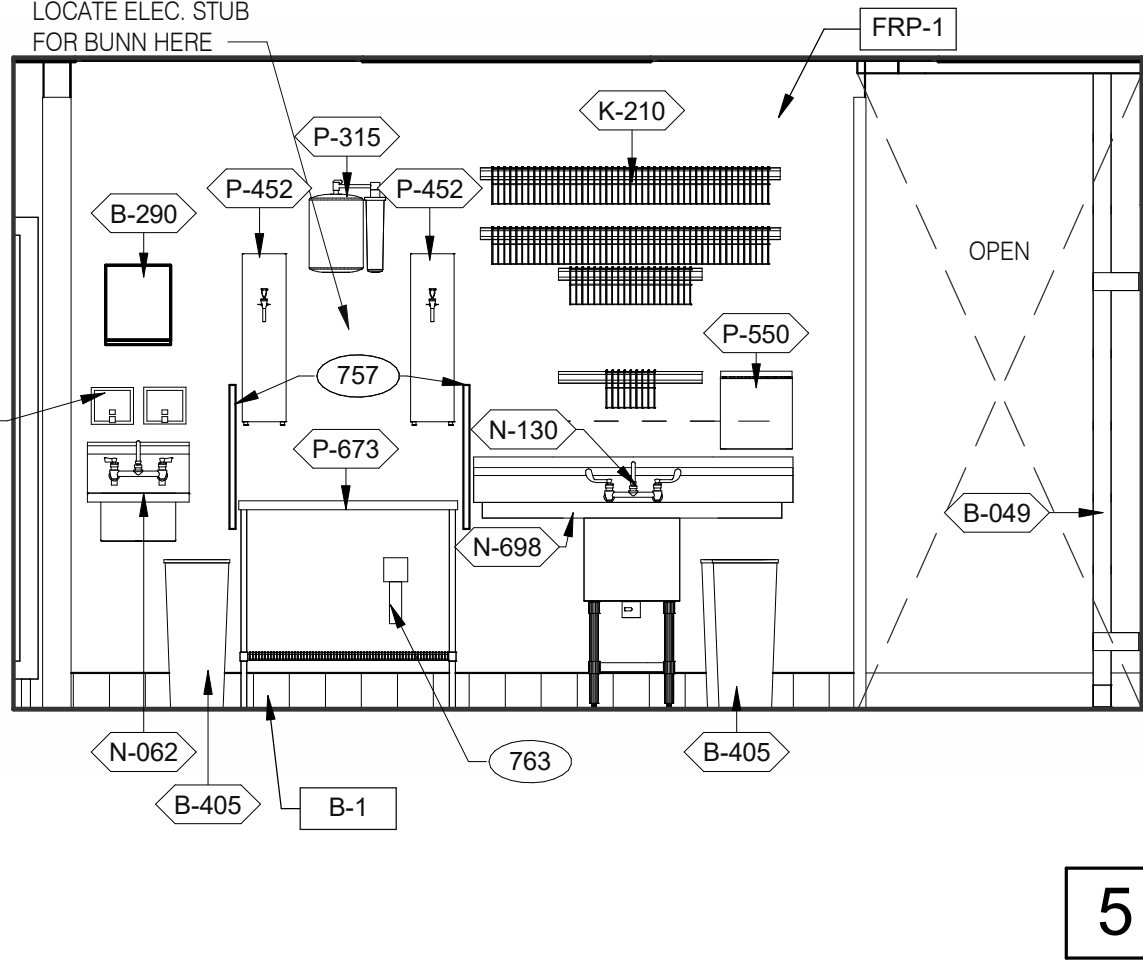
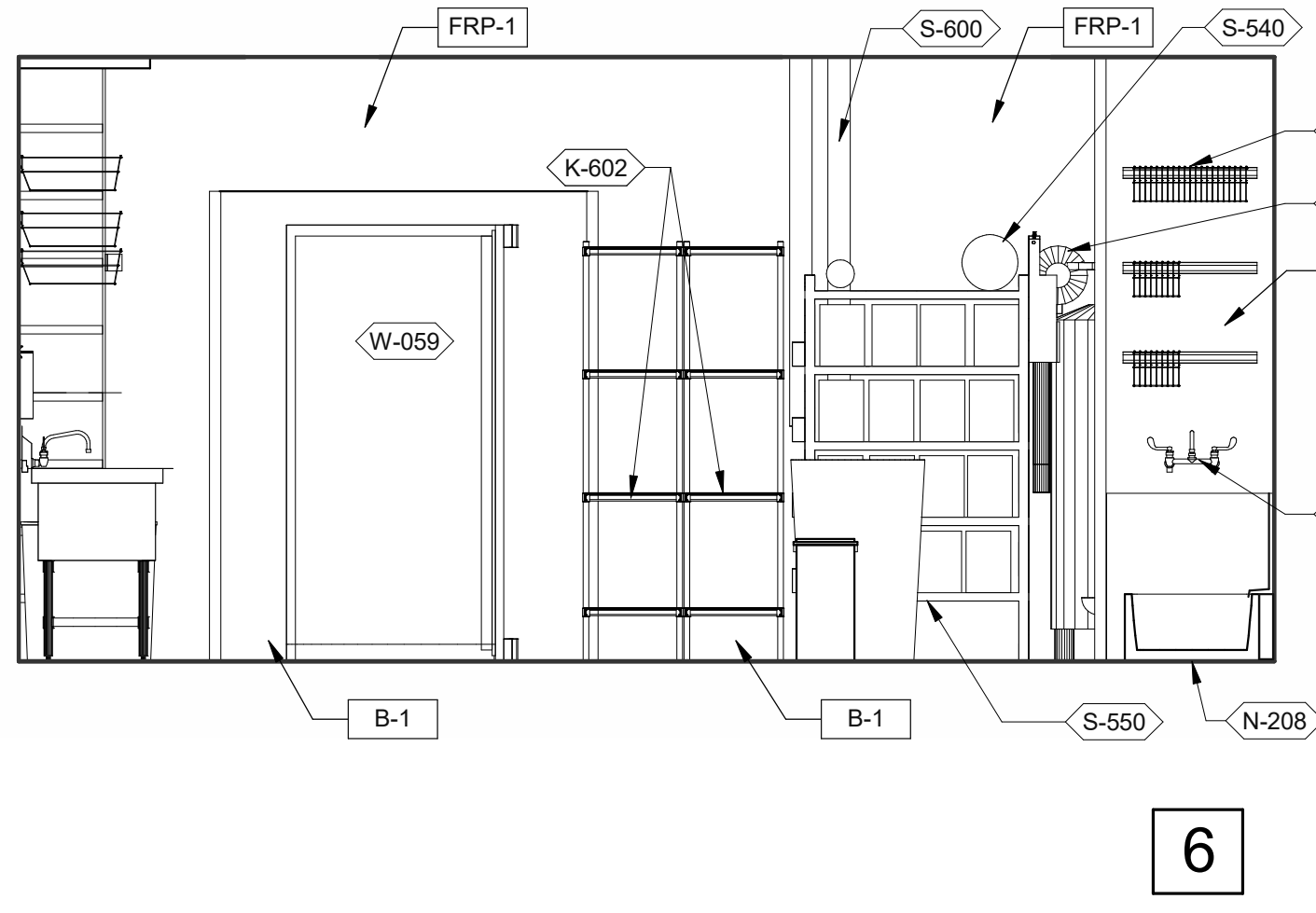
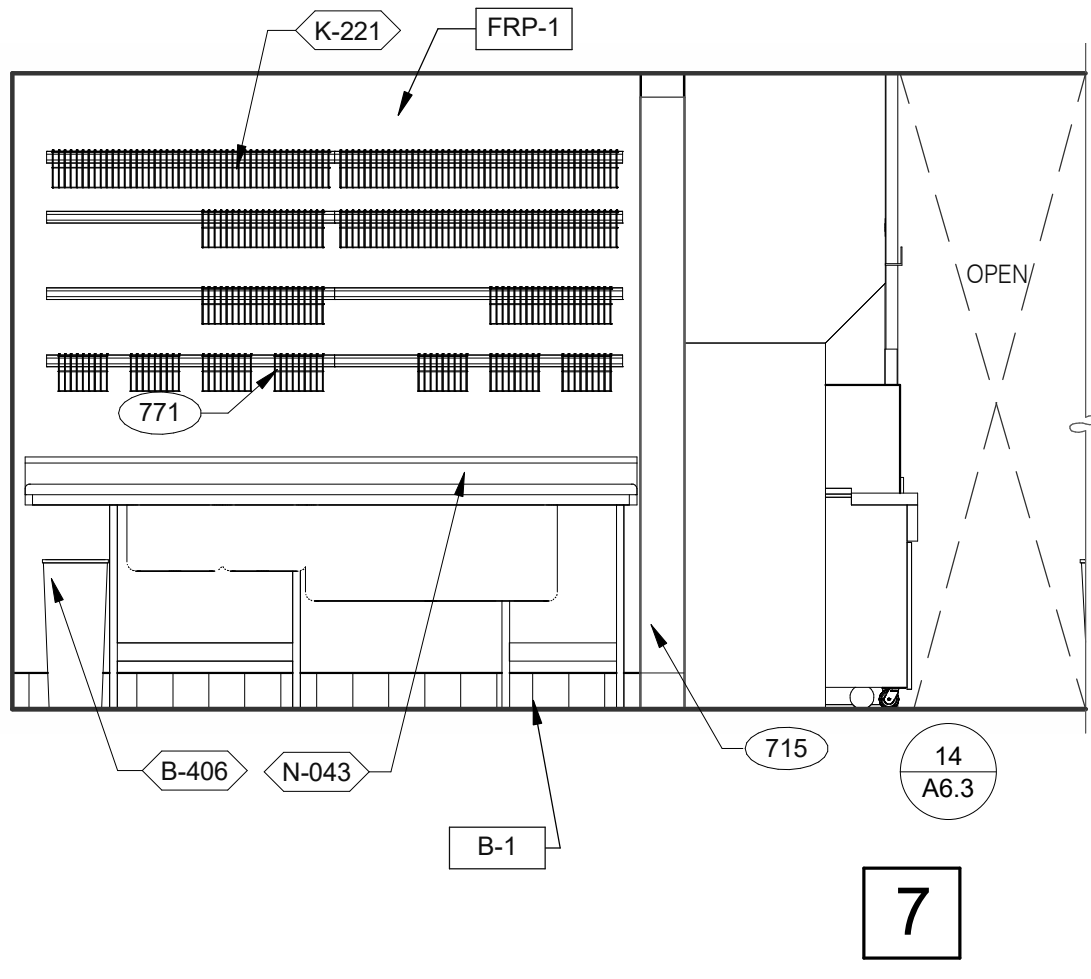
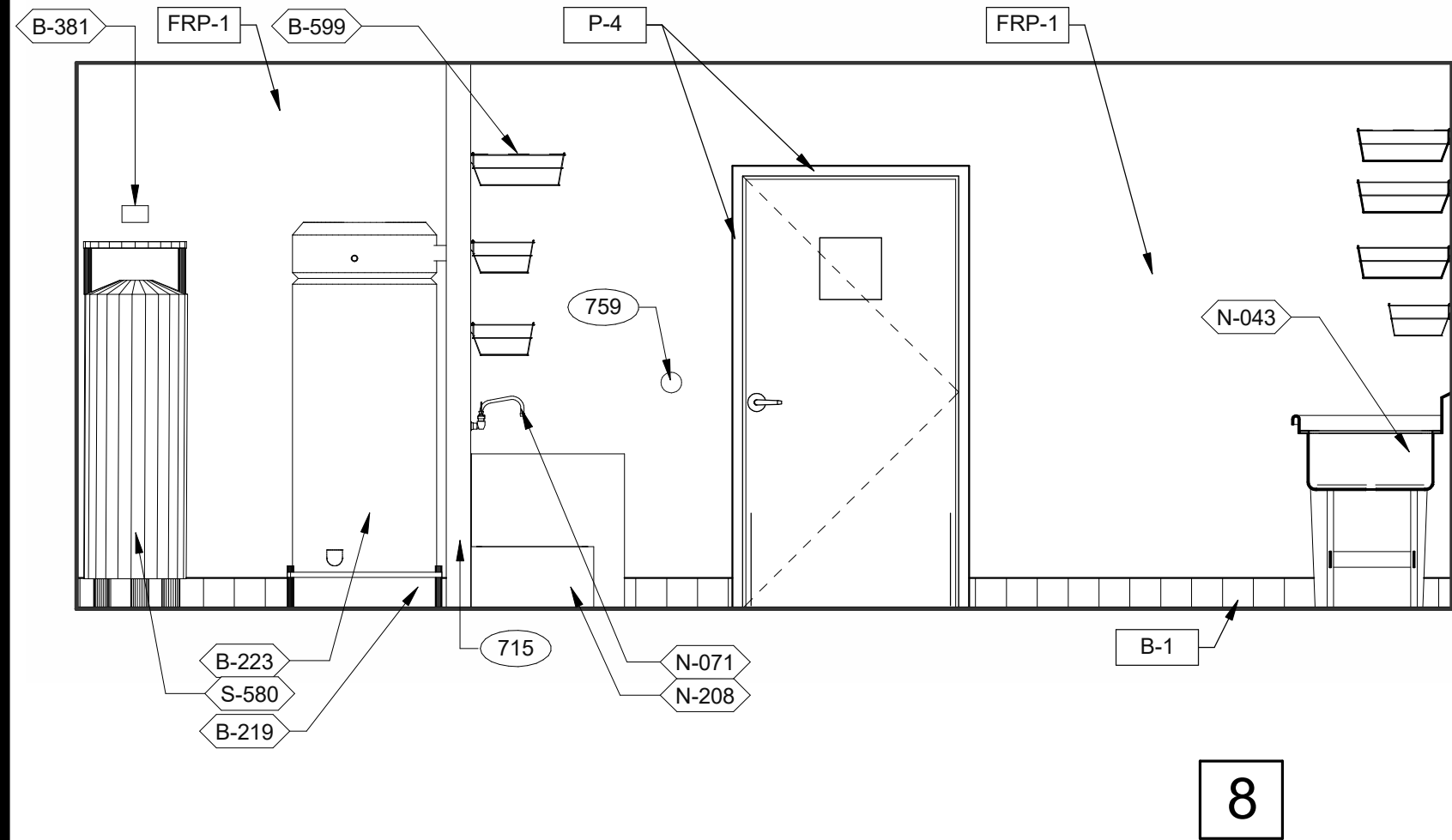
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DRIVE-THRU 3/8" = 1'-0"

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

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

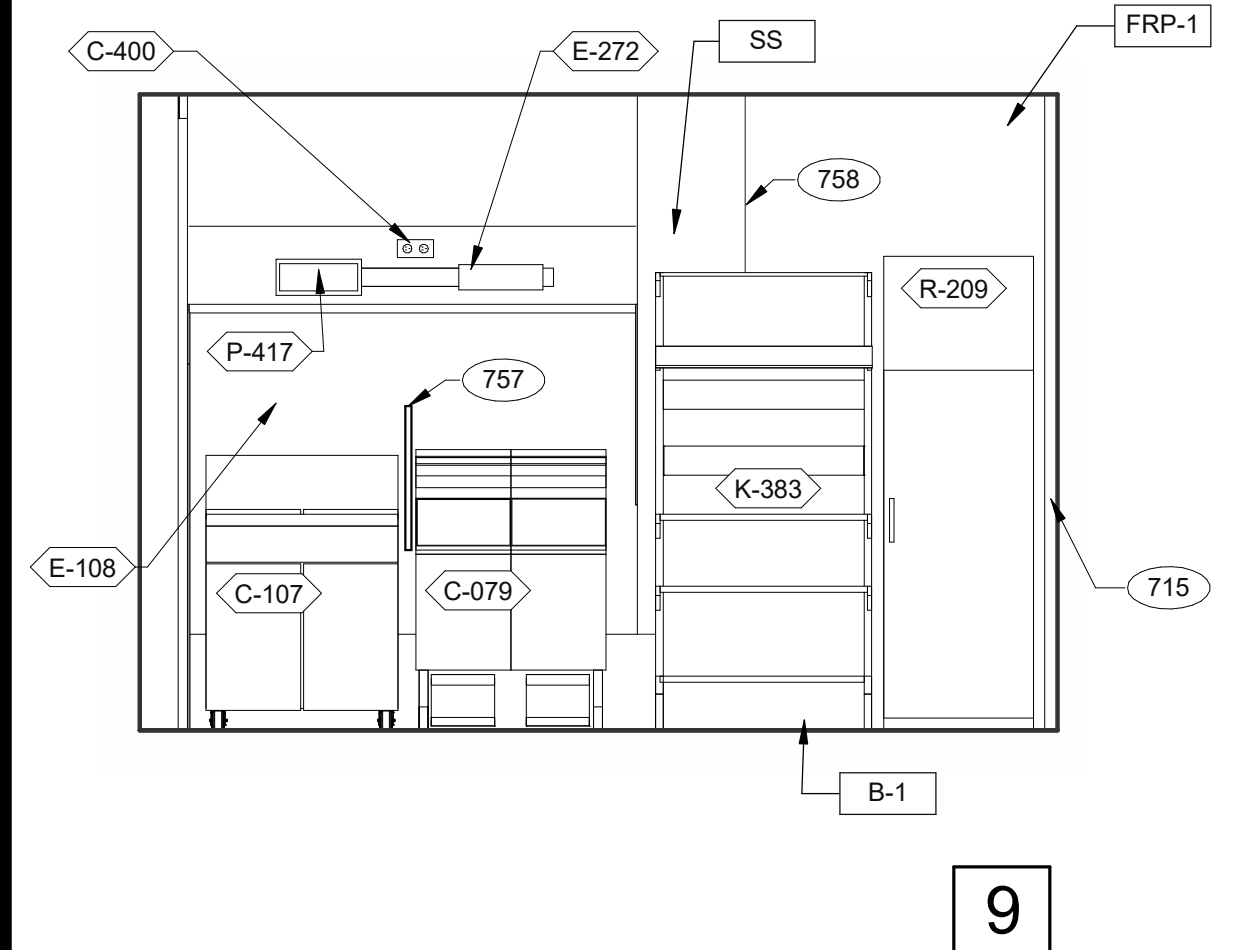
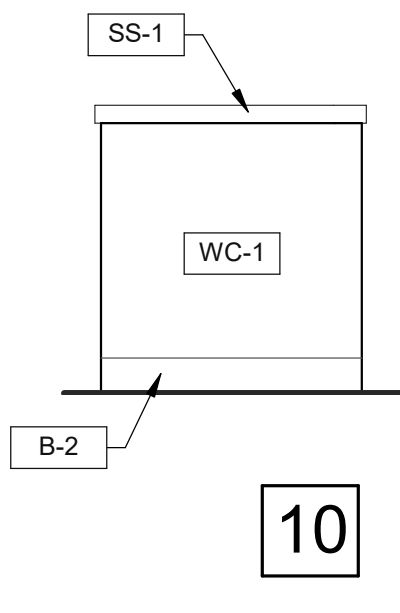
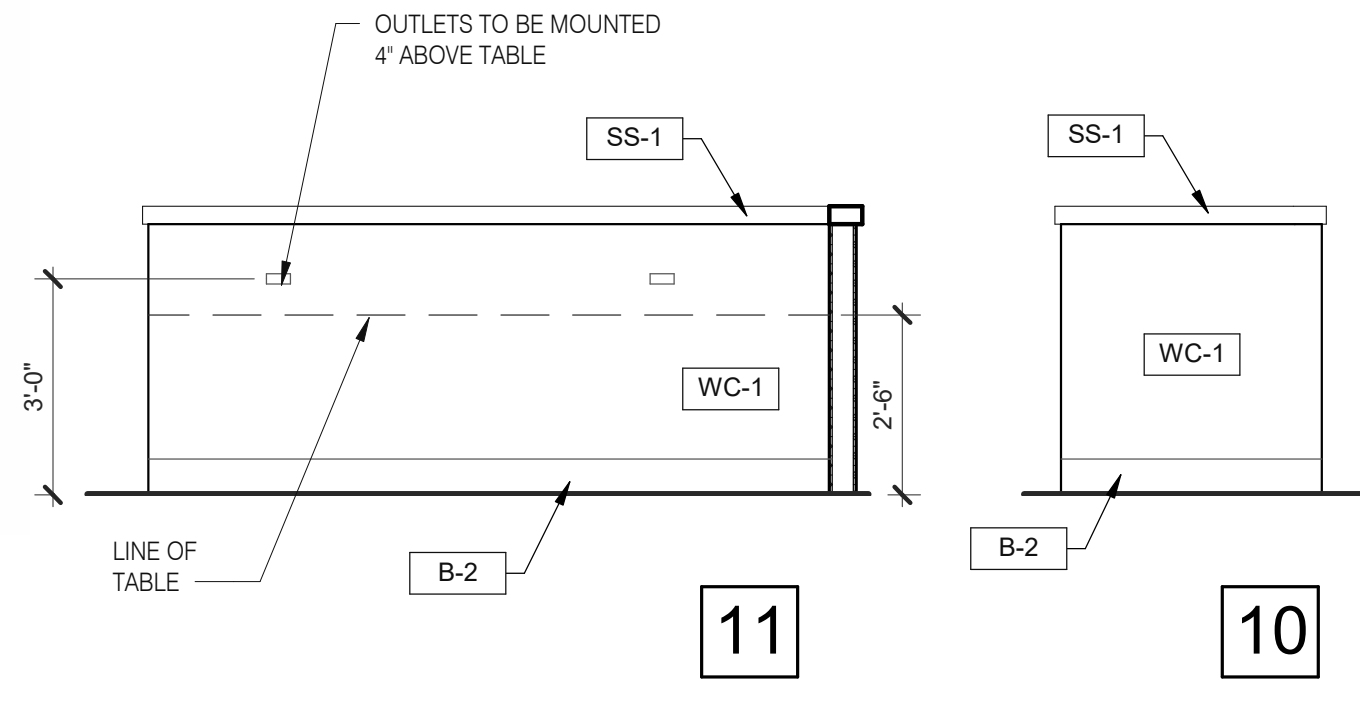
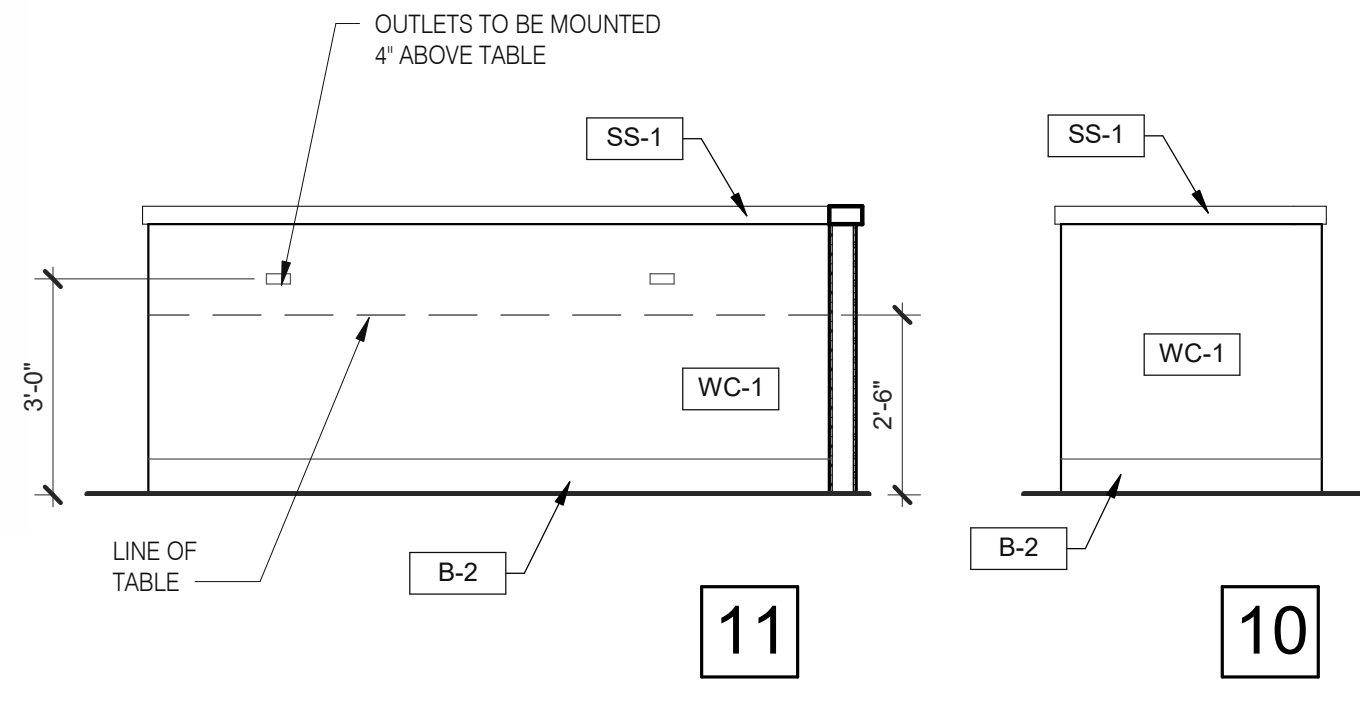
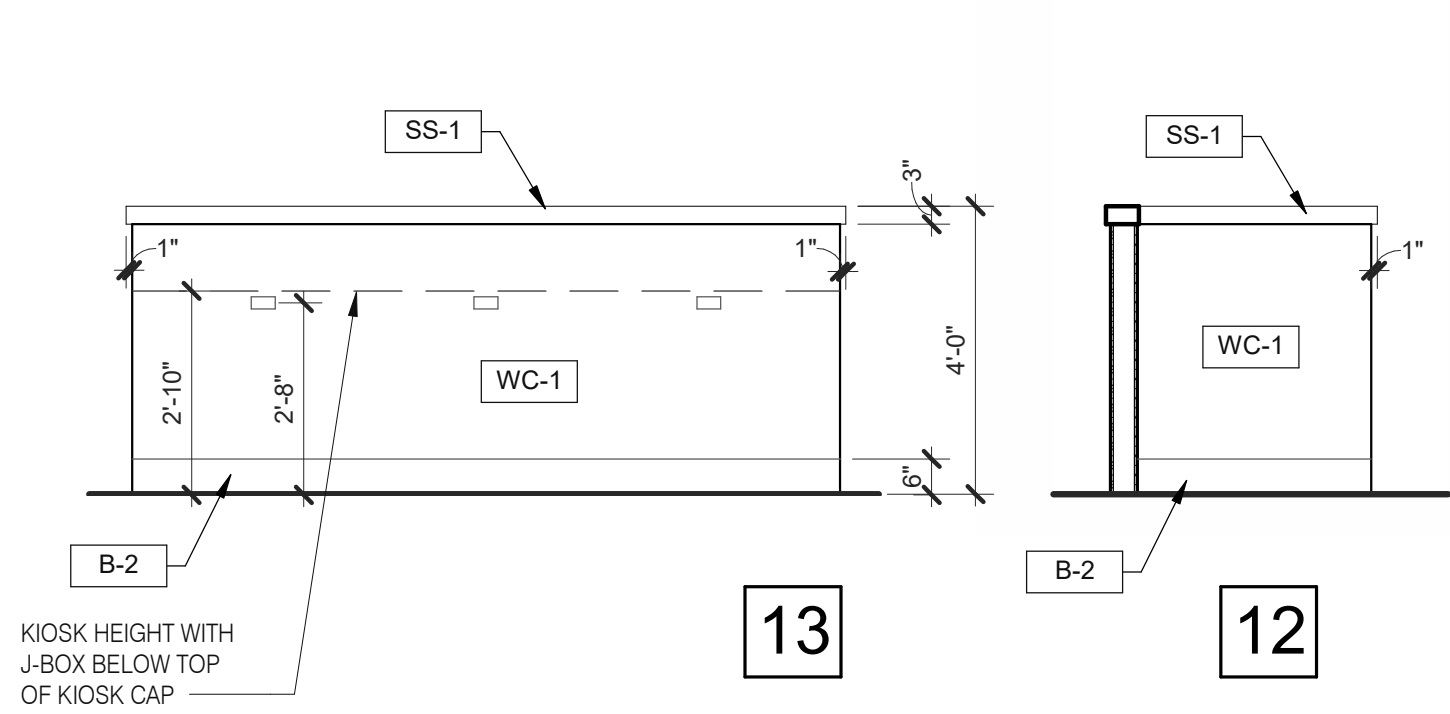


UTILITY 3/8" = 1'-0"

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

UTILITY 3/8" = 1'-0"

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



- 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
626 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 11/A6.4.
715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 14/A6.3
751 STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES.
753 DRIVE-THRU TIMER DISPLAY UNIT.
757 SPLASHGUARD. SEE DETAIL 9/A6.3.
758 EDGE OF SS PANEL BEHIND HOOD.
759 ANSUL PULL STATION.
763 FILTER FOR HOT WATER SYSTEM.
765 OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE DETAIL.
769 CEILING MOUNT MONITOR BRACKET.
771 CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK & CLEAN SYSTEM.
772 DT TIMER SIGNAL PROCESSOR.
774 DT TIMER ETHERNET SWITCH.

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

KEY NOTES

B

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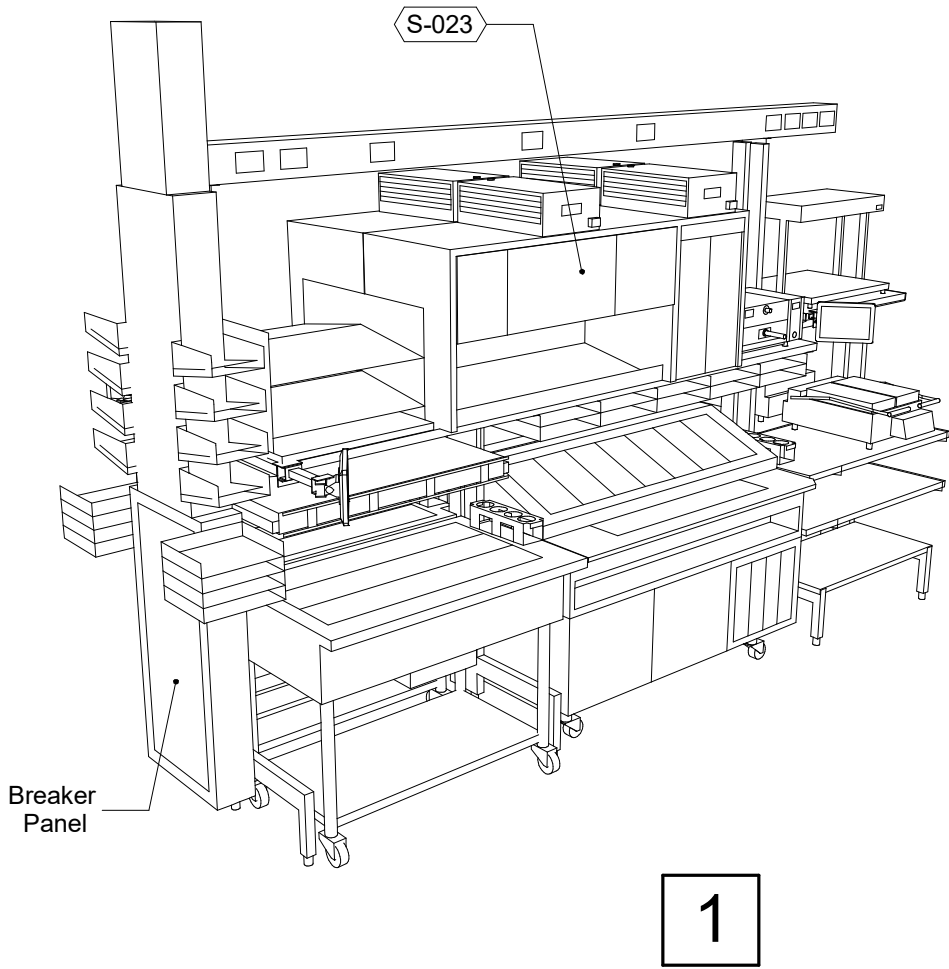
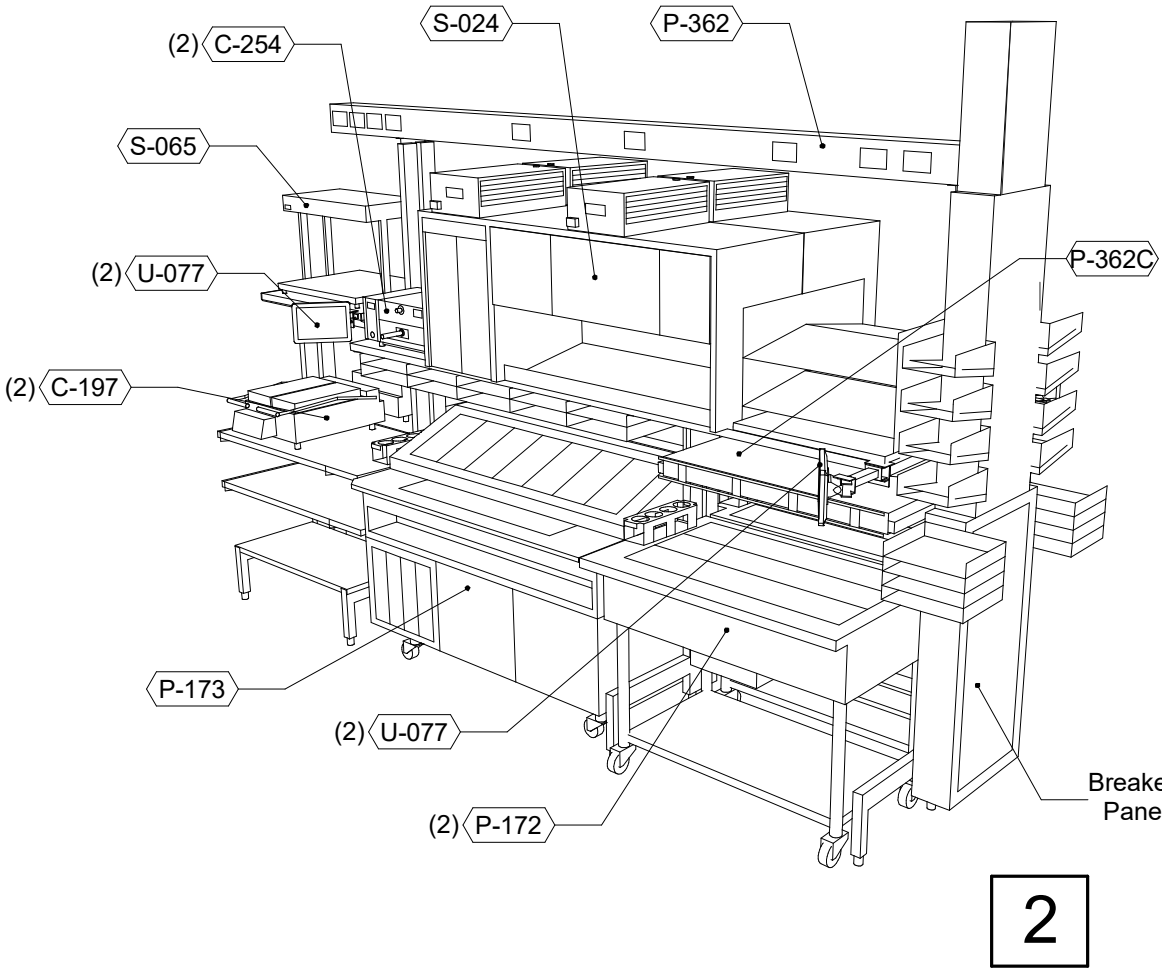
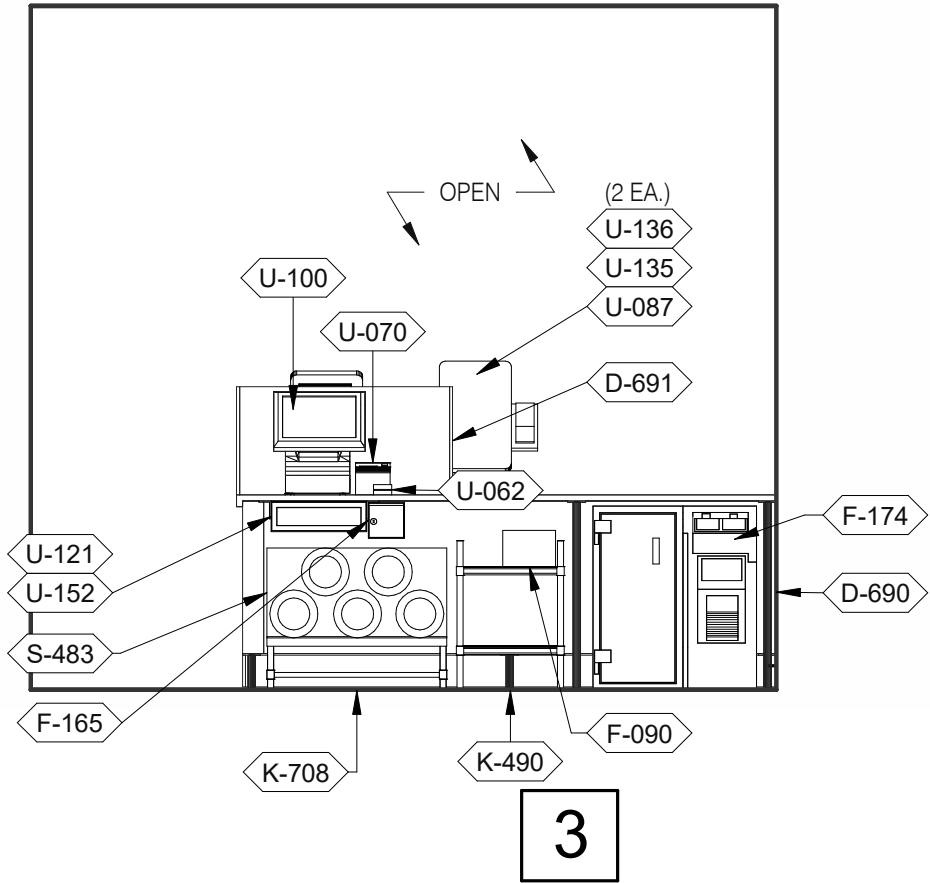
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**ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN**

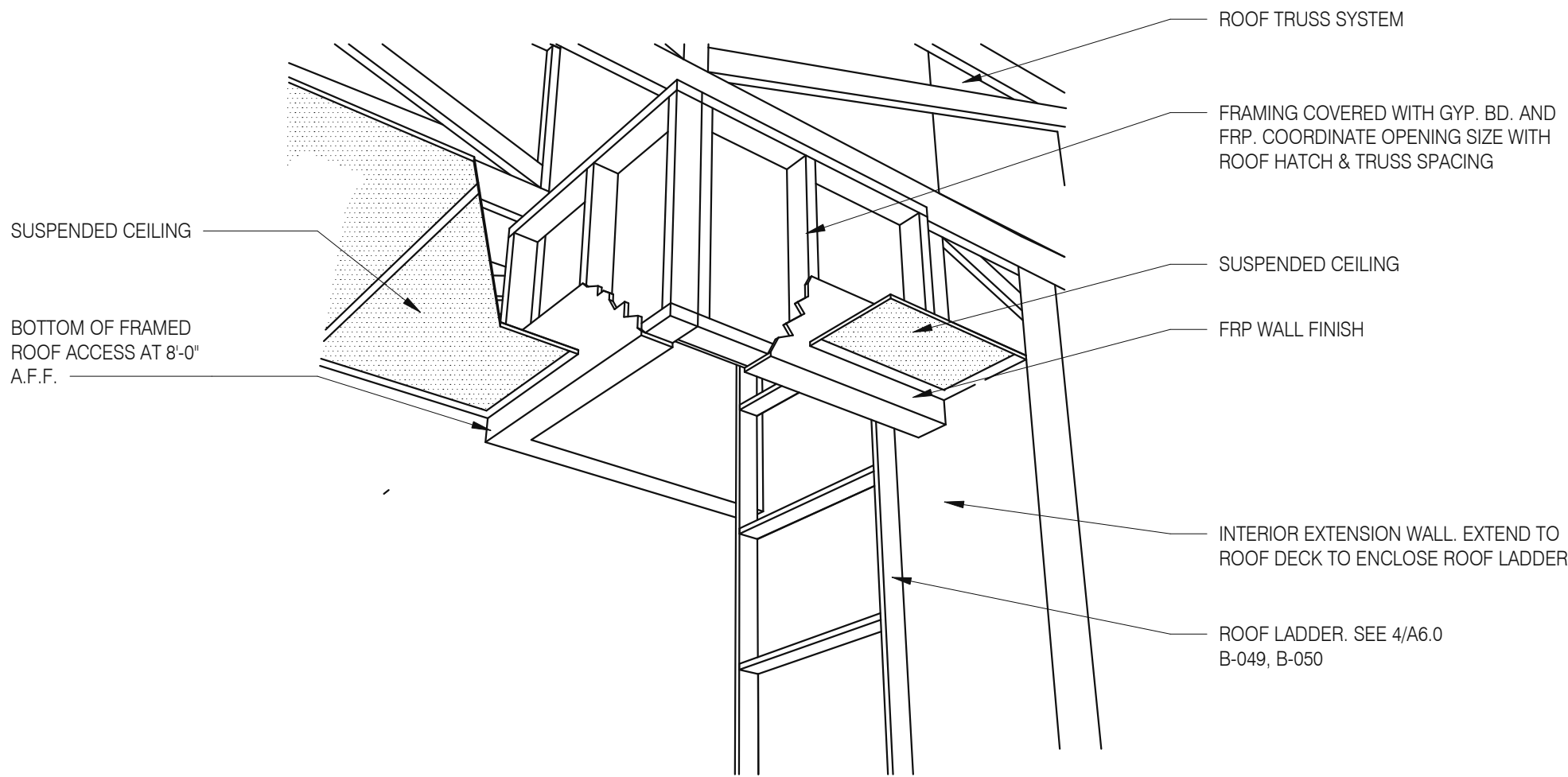
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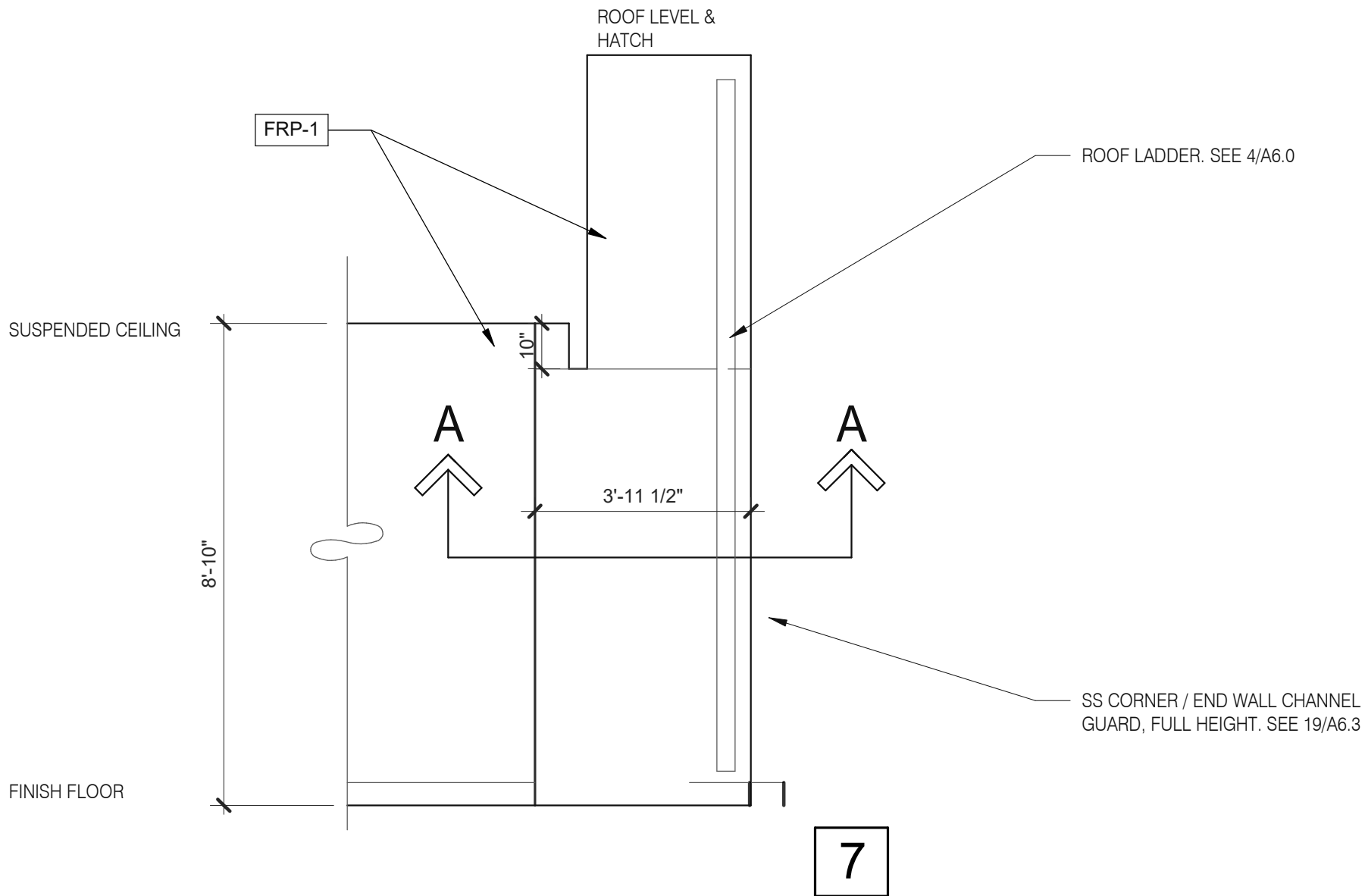


SERVING 3/8" = 1'-0"

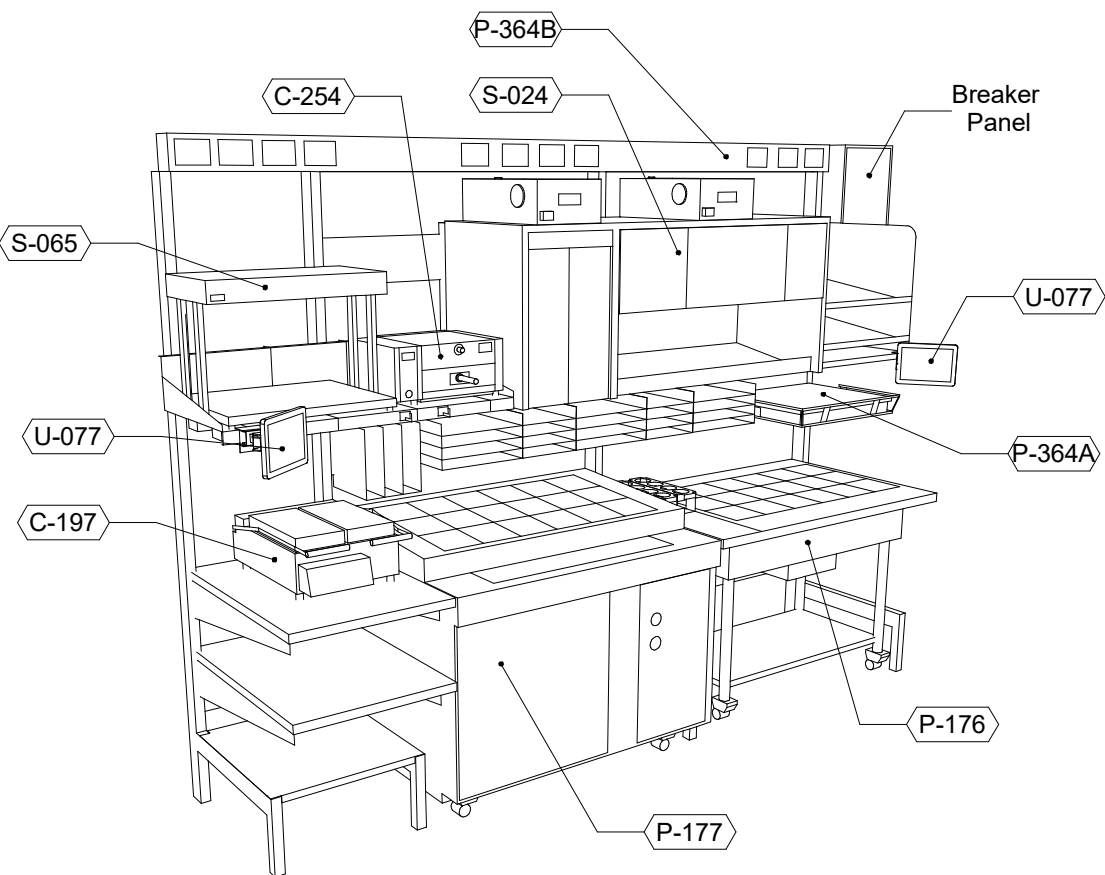
P-362B FLEX DUAL-LINE 3/8" = 1'-0"



A - ROOF LADDER VIEW



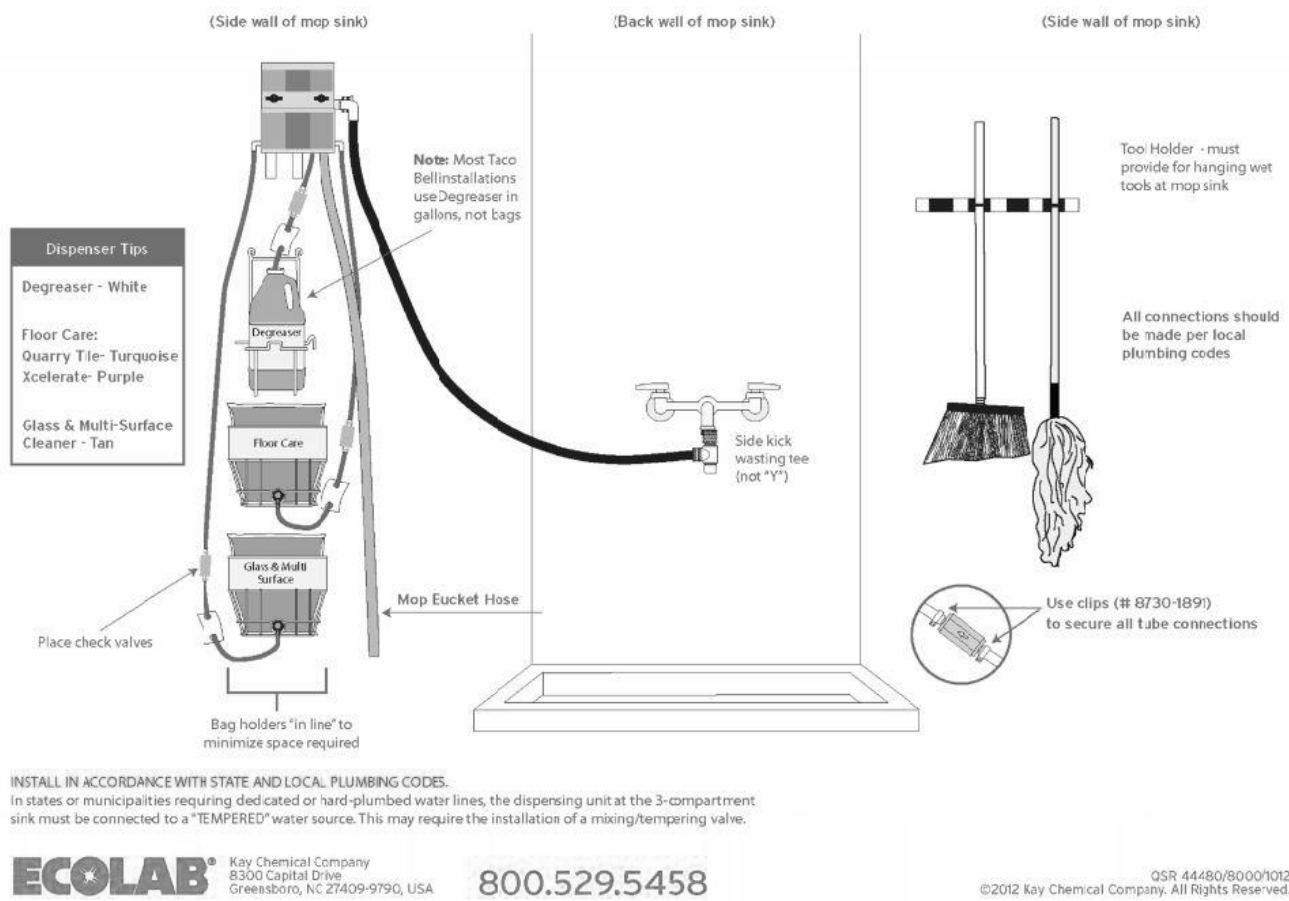
ROOF ACCES PASSAGEWAY 3/8" = 1'-0"



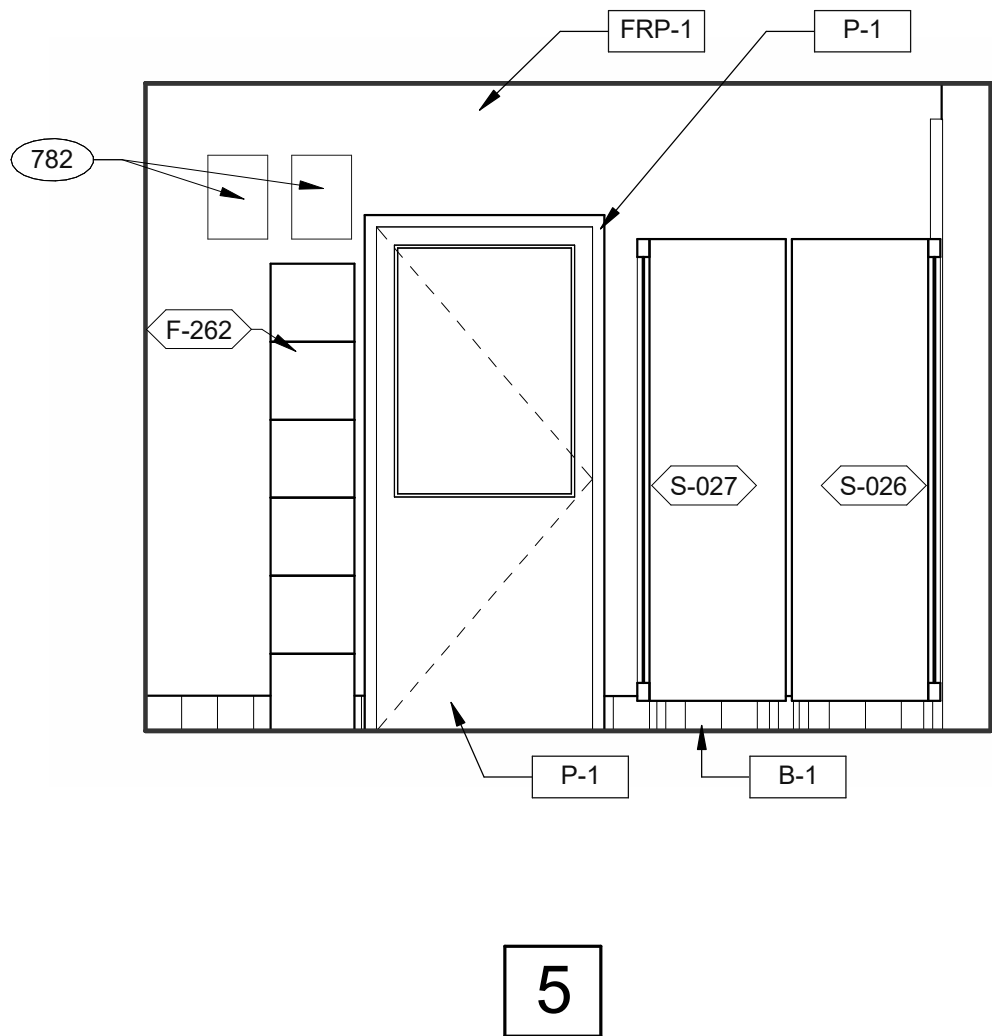
P-362A FLEX I-LINE, L-R

N.T.S.

Taco Bell Mop Sink Installation



MOP SINK INSTALLATION



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

782 FAN MOTOR STARTERS, SURFACE MOUNTED. TYP. OF 2.

KEYNOTE

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TACO BELL

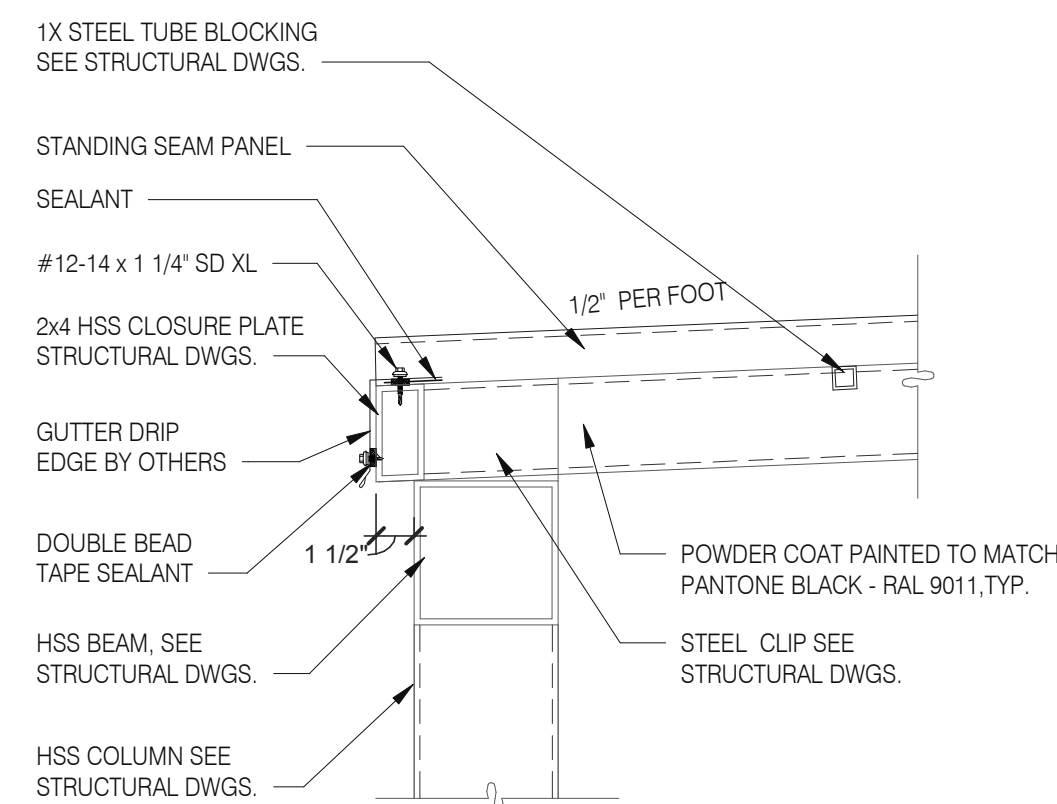
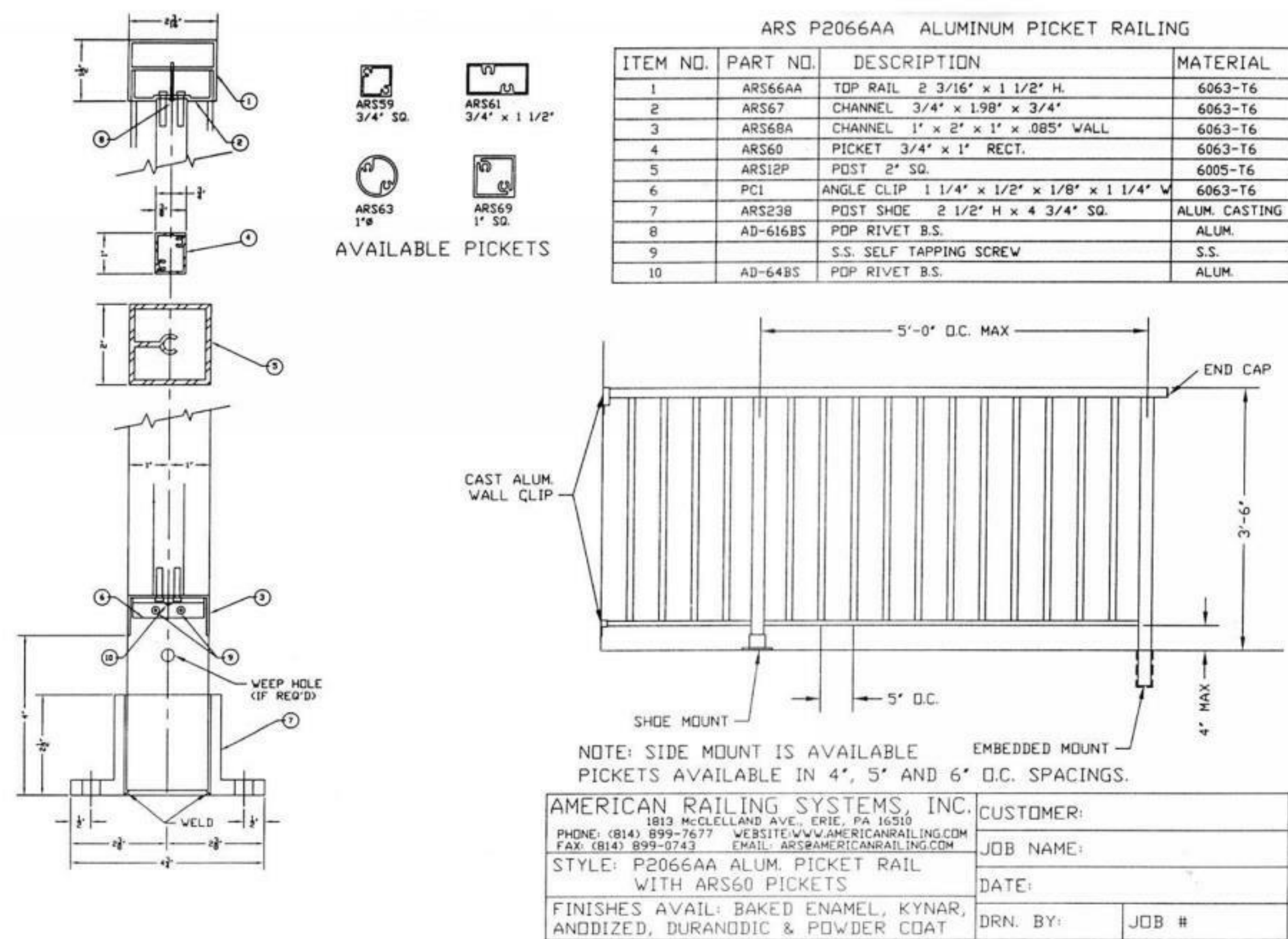
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Shelby, NC 28152



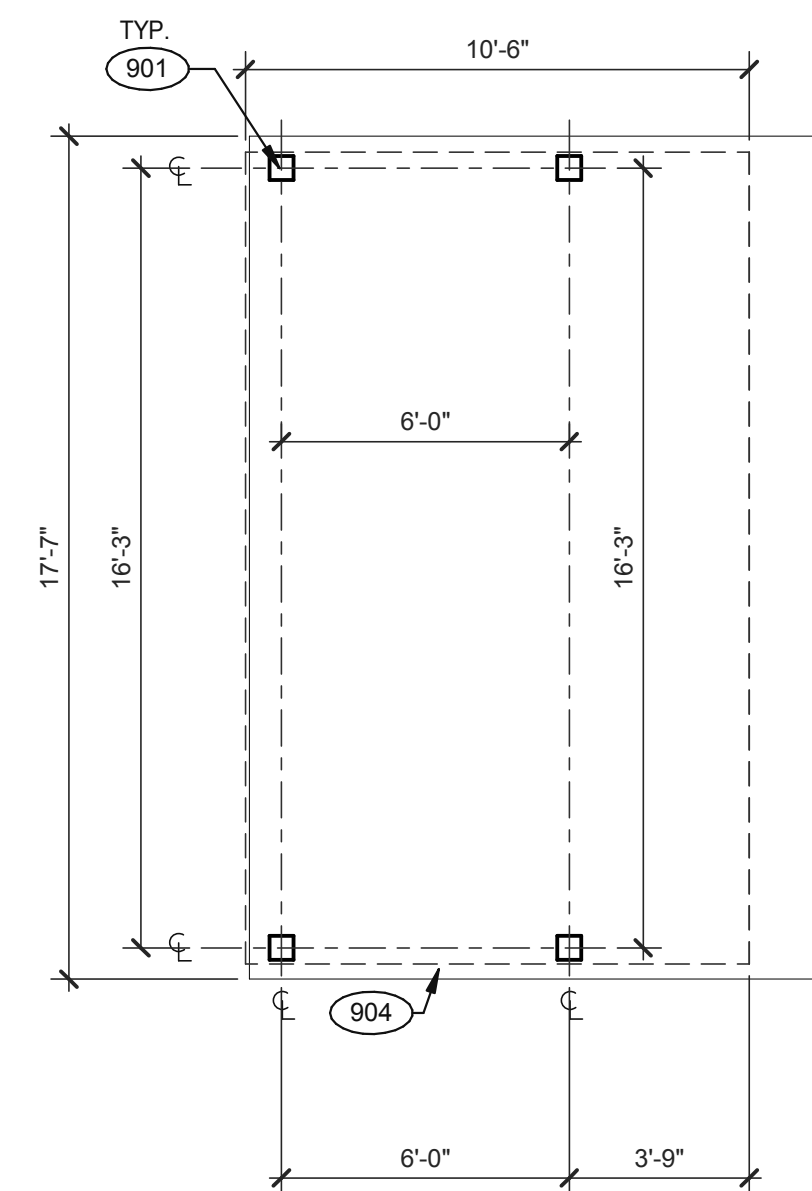
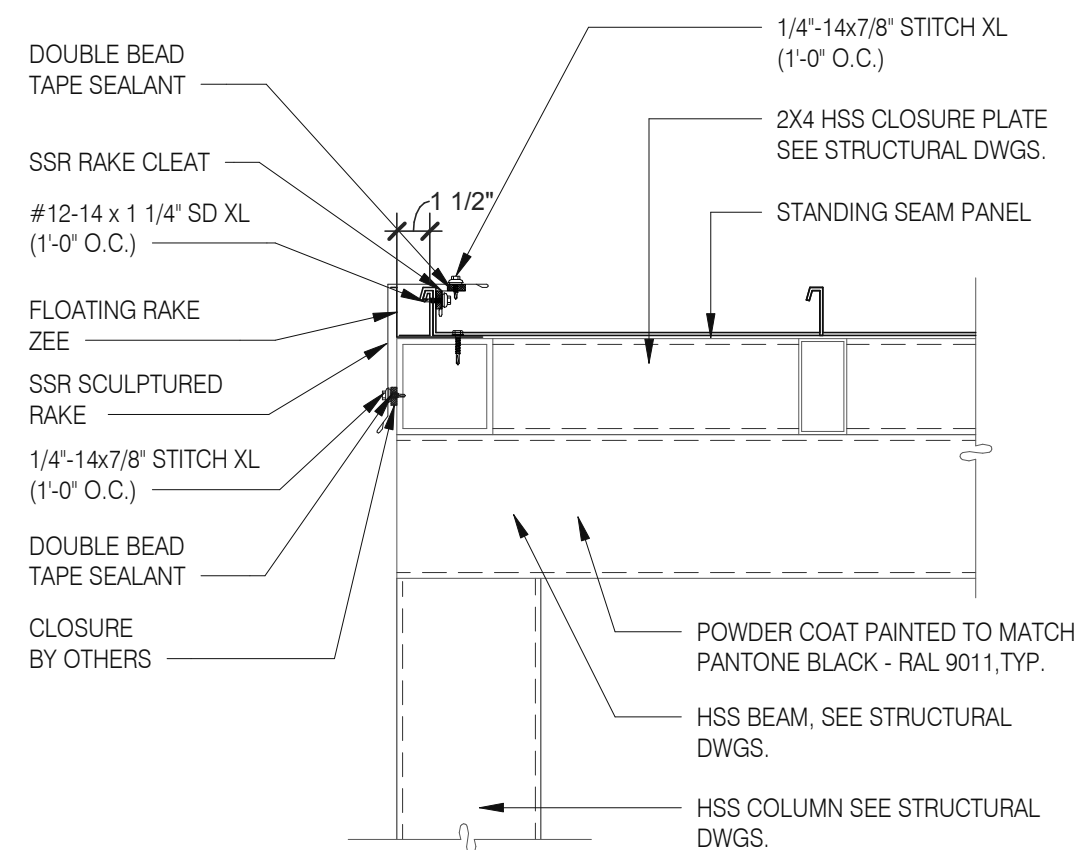
ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN

A8.3

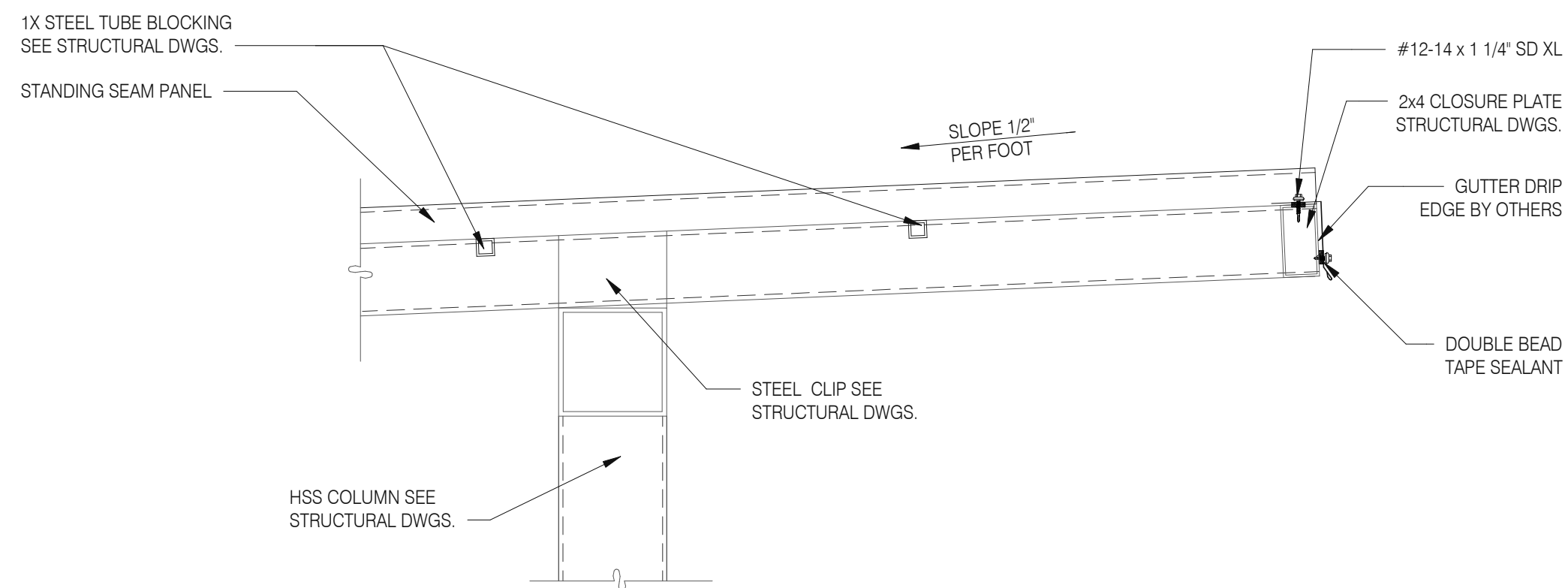
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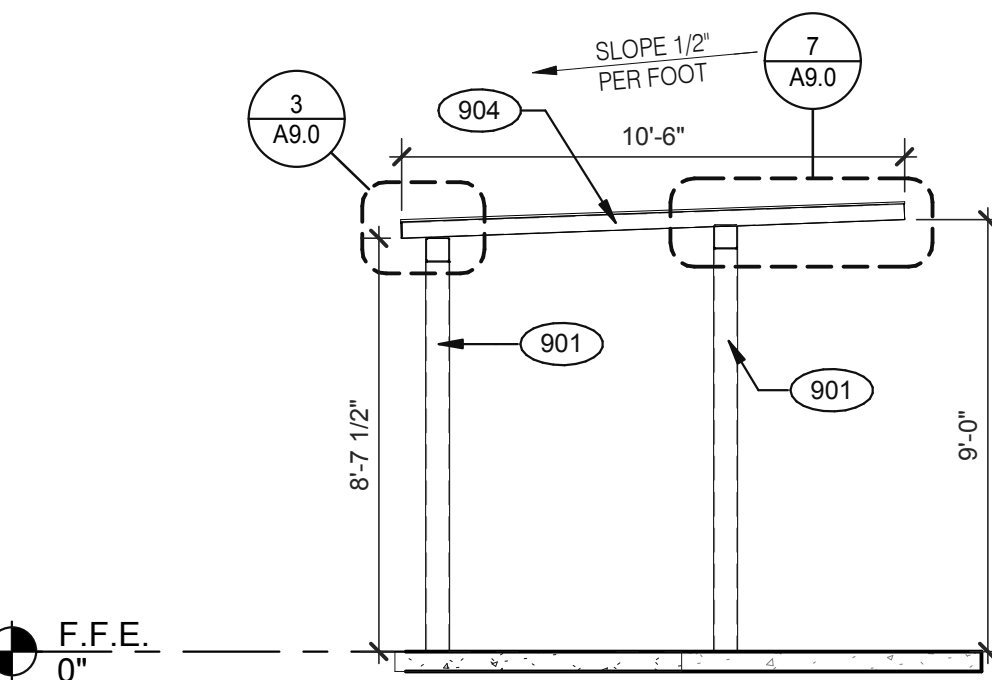
STANDING SEAM DETAIL @ FRONT 1 1/2" = 1'-0" **3**



RAILING DETAIL N.T.S.

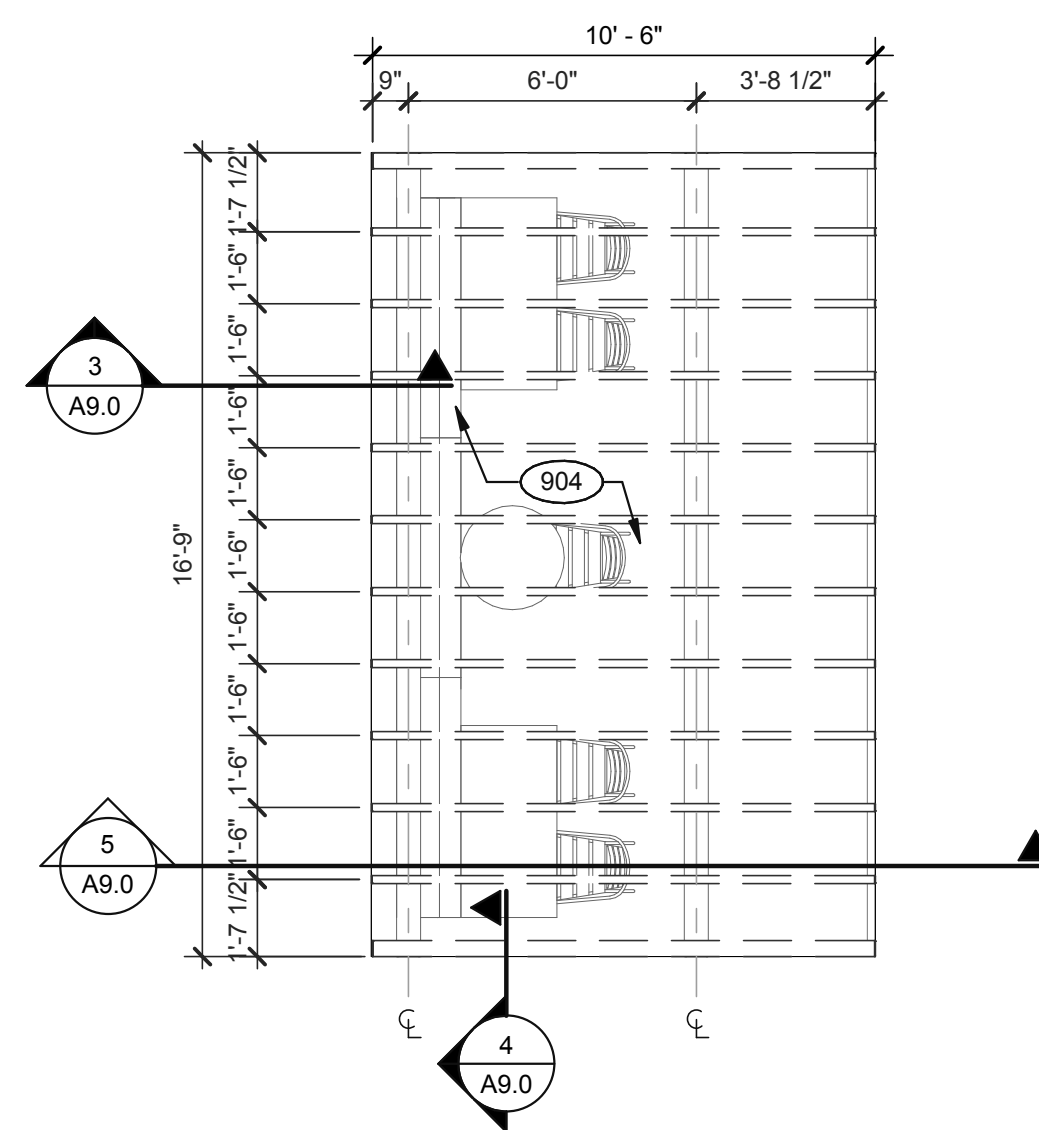


STANDING SEAM DETAIL @ EDGE 1 1/2" = 1'-0" **4**



SECTION AT PATIO CANOPY 1/4" = 1'-0" **5**

PATIO PLAN 1/4" = 1'-0" 1



	DATE	REMARKS
	07.11.22	Issued for Permit

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
P/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0

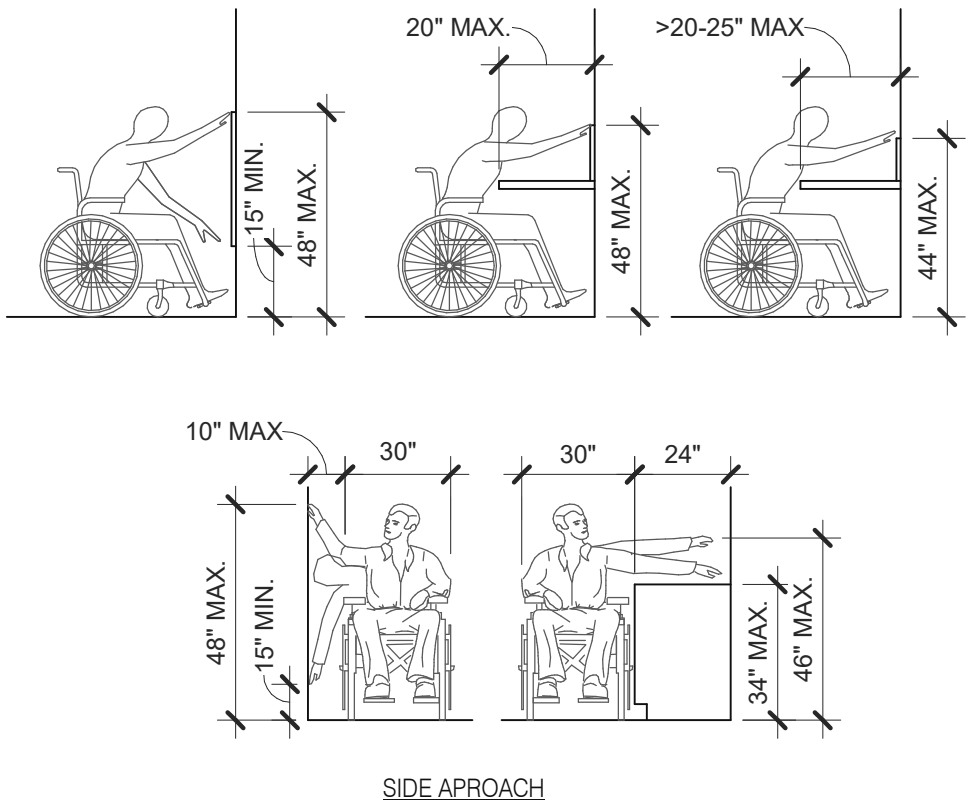
PATIO DETAILS

A9.0

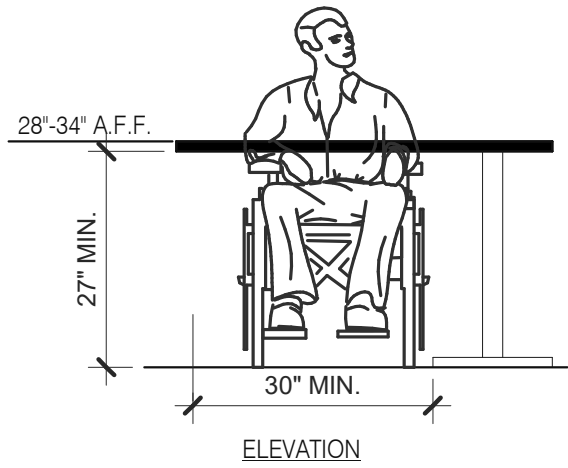
PLOT DATE: 7/7/2022 10:43:55 AM

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

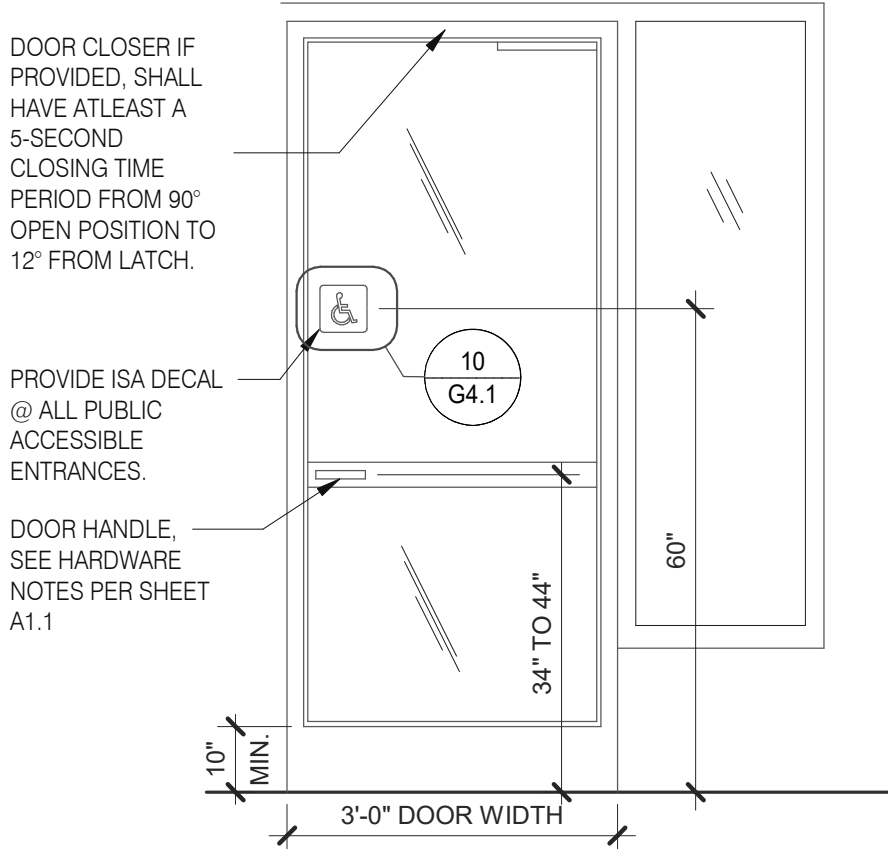
NUMBER OF ACCESSIBLE SEATS



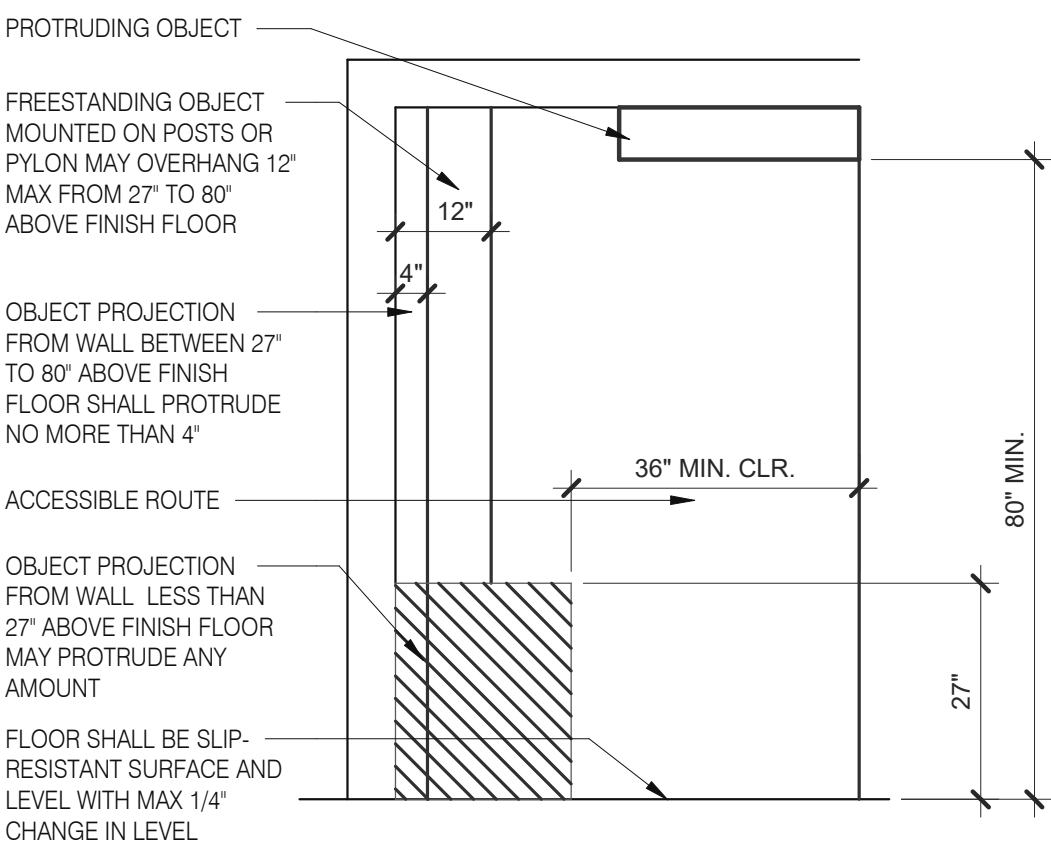
REACH RANGES 1/4" = 1'-0" **13**



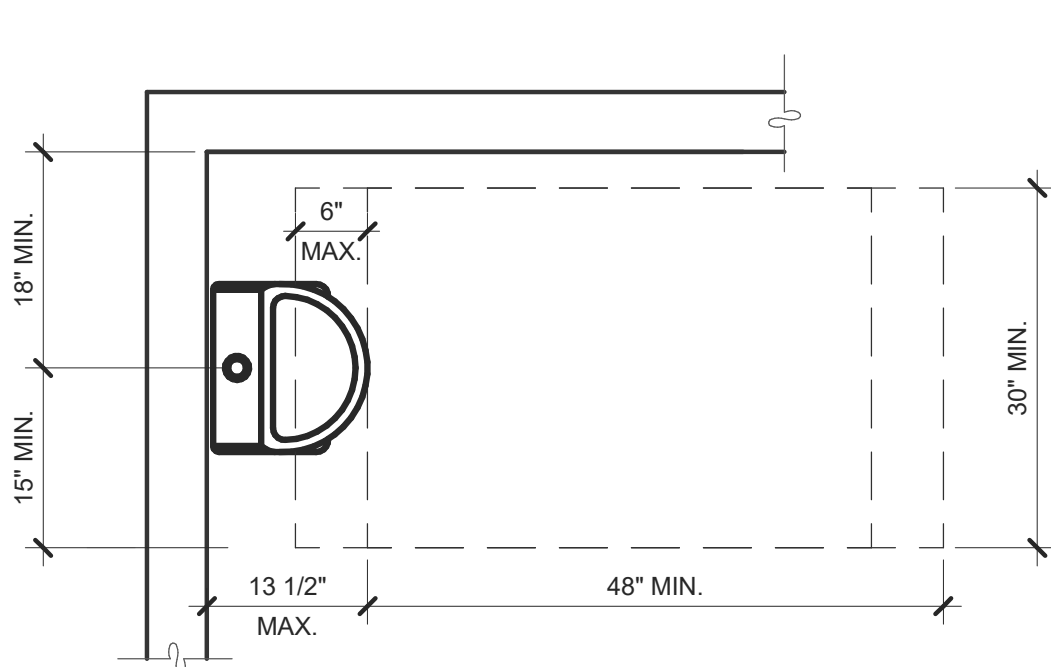
SEATING AND TABLES 1/2" = 1'-0" **18**



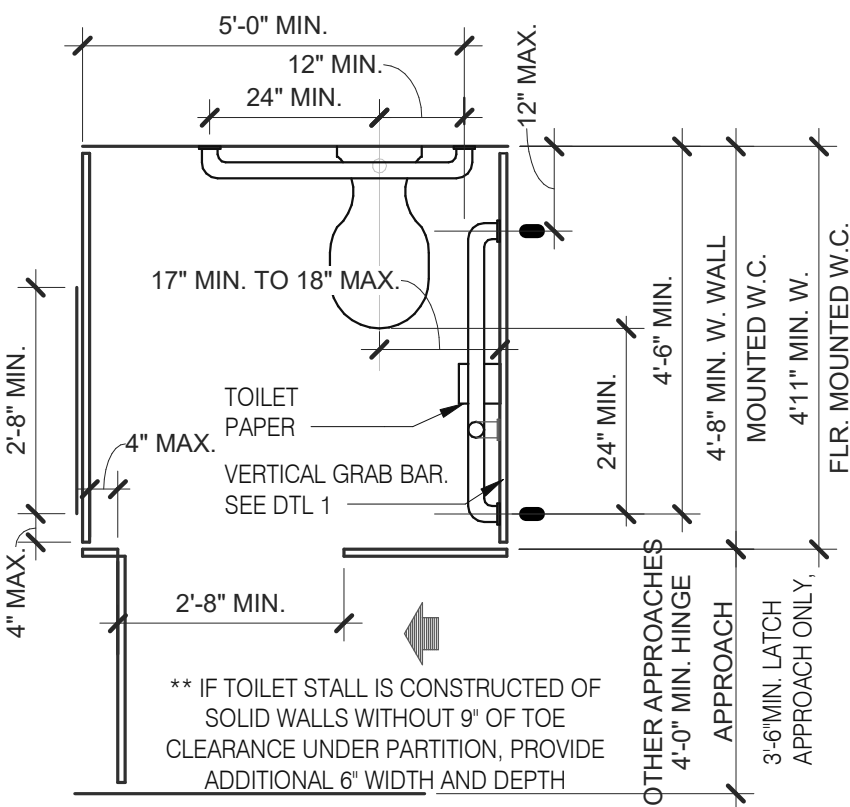
TYP. ENTRANCE / EXIT DOOR 3/8" = 1'-0" **14**



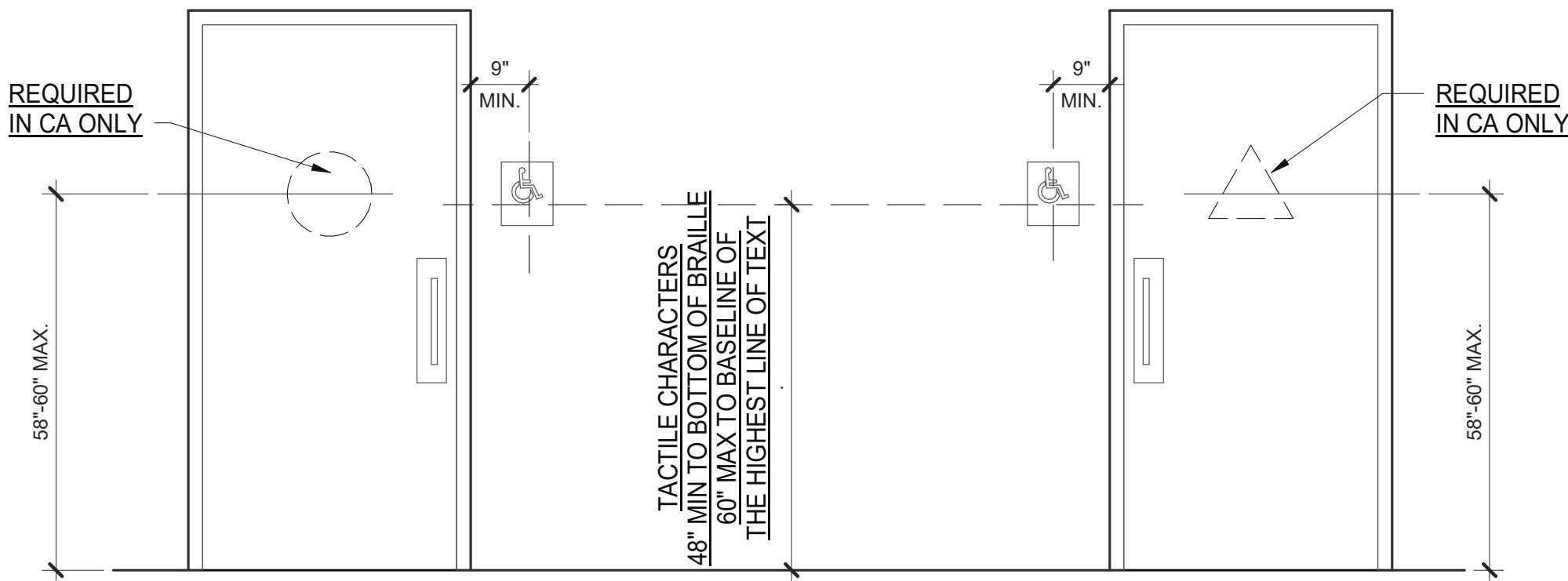
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



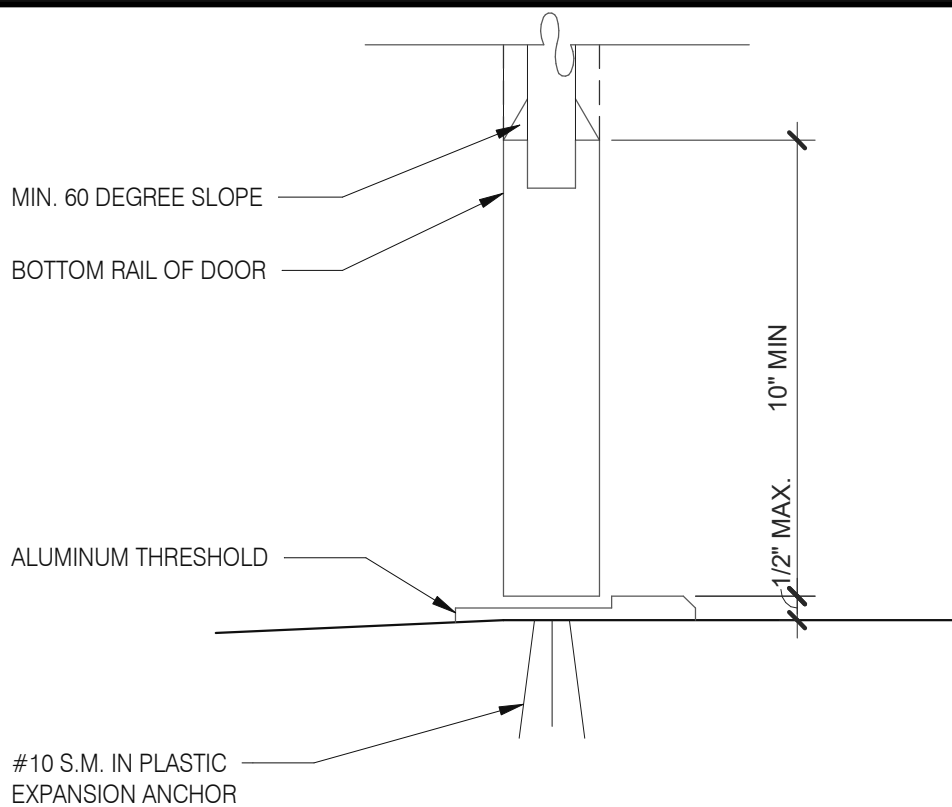
ACCESSIBLE URINAL 3/4" = 1'-0" **6**



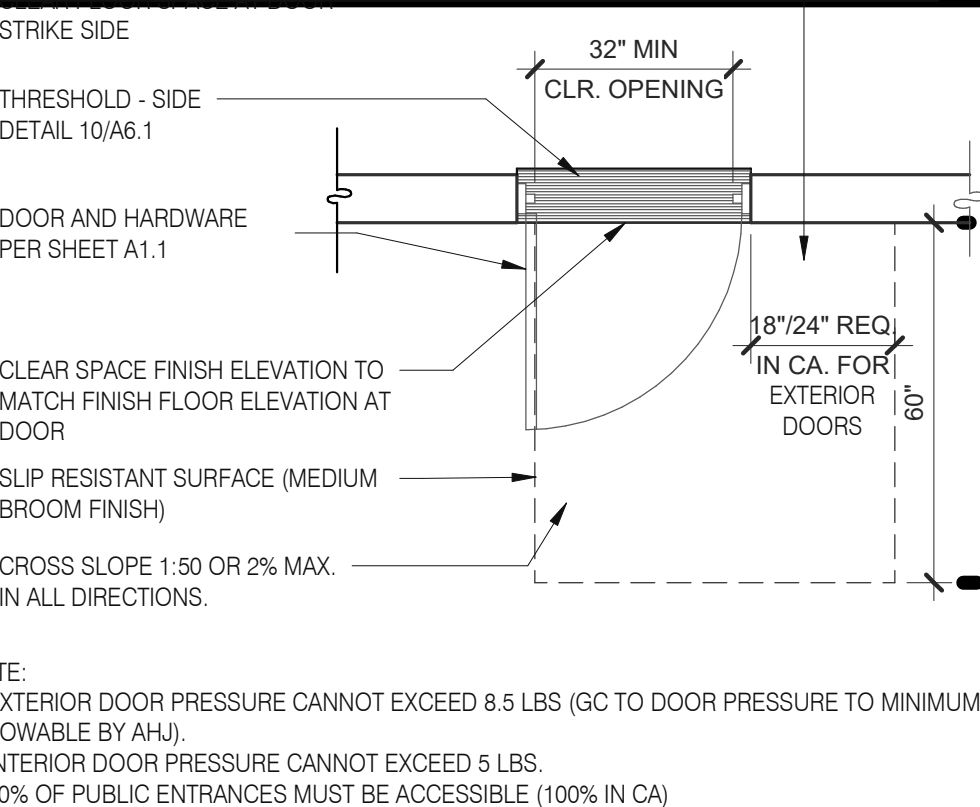
STANDARD TOILET STALL 1/2" = 1'-0" **2**



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

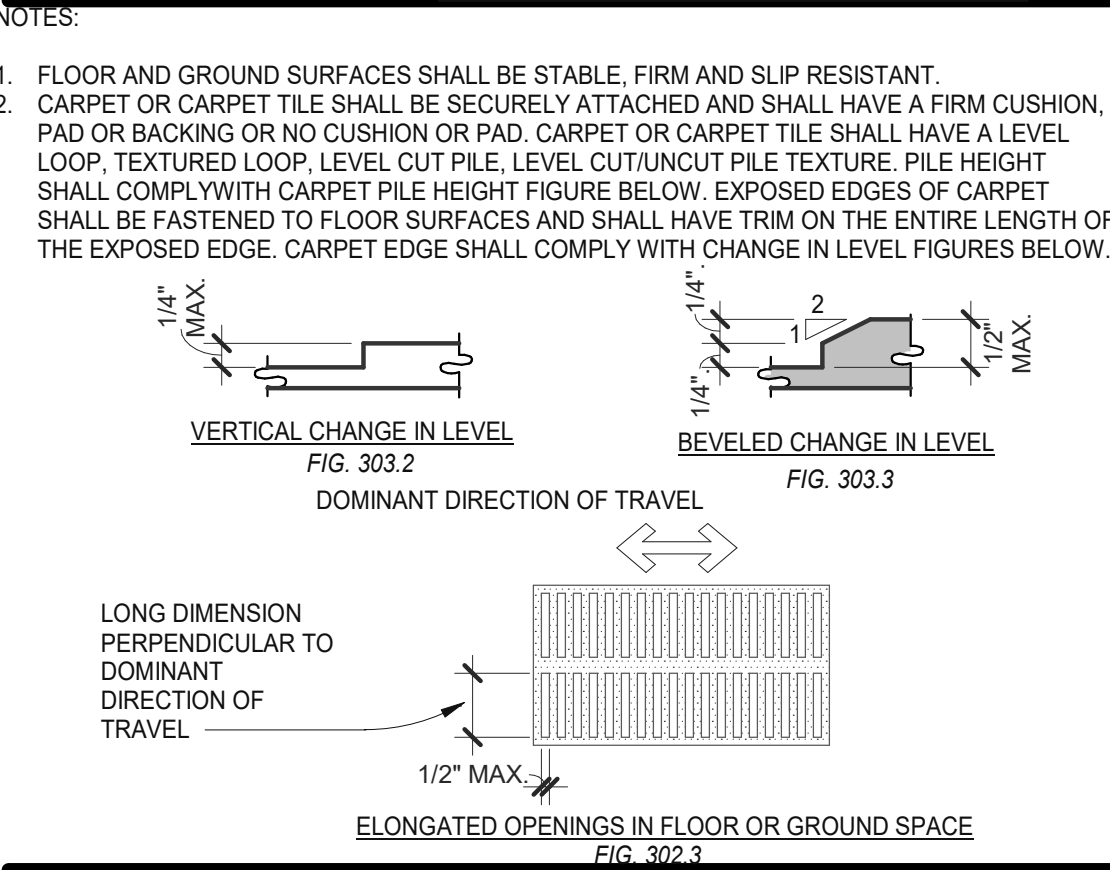


BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **20**

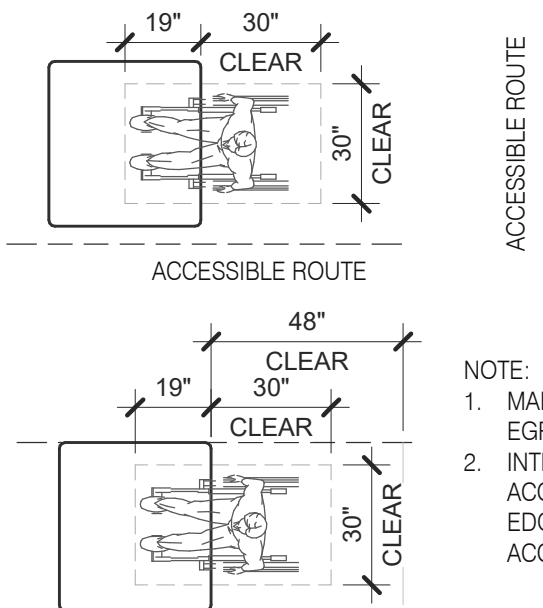


EXTERIOR DOOR REQUIREMENTS 3/8" = 1'-0" **16**

BRAILLE MEASUREMENT 1/4" = 1'-0" **11**

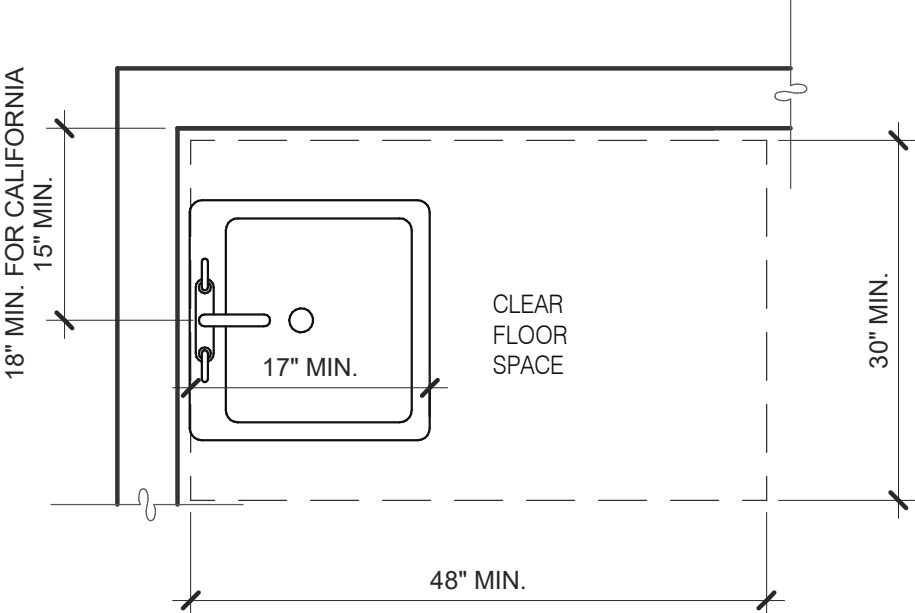


CHANGES IN LEVEL 1/2" = 1'-0" **12**



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

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



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

1. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
- THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.
2. 60" TURNING SPACE
 - PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
 - CAN OVERLAP FIXTURE & DOOR CLEARANCE
 - DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
 3. RESTROOM, IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
 4. TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES.
 5. ADAPT TEAM TO VERIFY LOCAL CODE REQUIREMENTS.

GENERAL NOTES **4**

DATE	REMARKS
07.11.22	Issued for Permit
09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2021088.54

TACO BELL

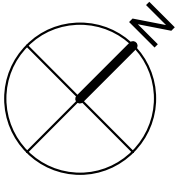
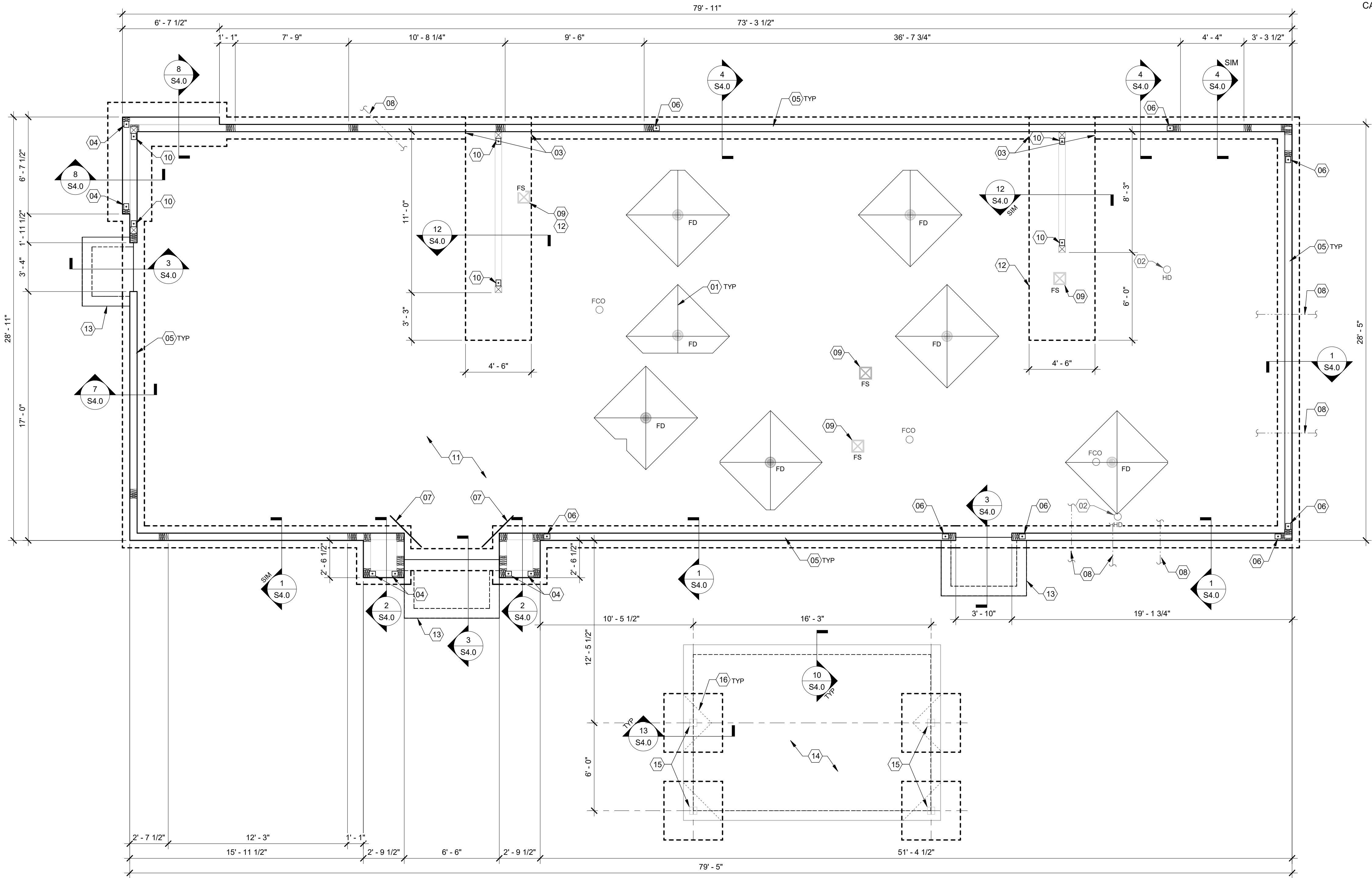
2005 East Dixon Blvd.
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ENDEAVOR 2.0
ACCESSIBILITY
REQUIREMENTS

ADA1.0

PLOT DATE: 9/27/2022 9:50:20 AM



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

DESIGN CRITERIA:

DESIGN CRITERIA:
2018 NORTH CAROLINA BUILDING CODE
(2015 IBC)

ROOF SNOW LOADS:
GROUND SNOW LOAD (Pg): 10 PSF
EXPOSURE FACTOR (Ce): 1.0
IMPORTANCE FACTOR (I): 1.0
THERMAL FACTOR (Ct): 1.0
FLAT ROOF SNOW LOAD (Pi): 7 PSF
MIN. ROOF SNOW LOAD (Pmin): 10 PSF

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

WIND LOADS:
3 SECOND GUST: 115 MPH
RISK CATEGORY: II
EXPOSURE CATEGORY (MWFRS): B
INTERNAL PRESSURE COEFF.: ± 0.18

SEE SHEET S4.4 FOR COMPONENT AND CLADDING PRESSURES.

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

MAPPED SPECTRAL RESPONSE ACCEL:
Ss: 0.2480g
S1: 0.1020g

SPECTRAL RESPONSE COEFF.:
SHORT PERIODS (SDS): 0.262g
1 SEC. PERIODS (SD1): 0.163g
SEISMIC DESIGN CATEGORY: C

WOOD SHEARWALLS:
RESPONSE MOD FACTOR (R): 6.5
DESIGN BASE SHEAR (Cs): 0.0404*W

ANALYSIS BY SIMPLIFIED PROCEDURE

FOUNDATION NOTES - TYP U.N.O.:

FOUNDATION:

- FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL ENGINEERING REPORT BY INTERTEK PSI, DATED APRIL 13, 2022, PROJECT NO. 05111057.
- CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
- COORDINATE STRUCTURAL PLANS AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT. FOUNDATION DESIGN IS BASED ON 2,000 PSF ALLOWABLE BEARING CAPACITY.
- CONTRACTOR SHALL TREAT SOIL BELOW SLAB FOR TERMITES.
- REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTHWORK, OVER-EXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.
- PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. LOWER FOOTINGS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
- MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
- ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
- MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.

CONCRETE:

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

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

- CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
- CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-318-14 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.
- ANCHOR BOLTS - A36 OR A307. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. SEE SCHEDULE FOR REQUIREMENTS.
- TO RESIST FREEZE - THAW DEGRADATION W/C. RATIO SHALL NOT EXCEED .50 FOR CONCRETE IN CONTACT WITH SOILS.
- TOTAL AIR CONTENT TO BE 6% ± 1%.

SLAB:

- DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED WITH WWF 6x6-W2 9xW2 9 CENTERED IN SLAB OVER 10 MIL VISQUEEN MEMBRANE, ON PREPARED SUBGRADE PER THE PROJECT GEOTECHNICAL REPORT.

MISCELLANEOUS:

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

SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS ARE TO BE PROVIDED IN ACCORDANCE WITH SECTION 1704. SPECIAL INSPECTIONS SHALL BE IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE DEPARTMENT OF BUILDING SAFETY AND SHALL NOT BE CONSTRUED TO RELIEVE THE OWNER OR THEIR AUTHORIZED AGENT FROM REQUESTING THE PERIODIC AND CALLED INSPECTIONS REQUIRED BY THE BUILDING CODE. SPECIAL INSPECTION SHALL BE PAID BY THE OWNER.

REQUIRED SPECIAL INSPECTIONS:

IN ADDITION TO THE REGULAR INSPECTIONS, THE FOLLOWING ITEMS WILL ALSO REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH THE BUILDING CODE.

- SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION (COMPACTING FILL, SPECIAL GRADING)
- STRUCTURAL CONCRETE OVER 2,500 PSI

SPECIAL INSPECTOR SHALL MEET THE QUALIFICATIONS AS STATED IN THE BUILDING CODE AND SHALL PERFORM THE DUTIES AND RESPONSIBILITIES AS OUTLINED IN THE BUILDING CODE. THE SPECIAL INSPECTOR SHALL PROVIDE INSPECTION REPORTS TO THE CODE OFFICIAL, ENGINEER AND OWNER.

- 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.
- PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- BOTTOM OF FOOTING STEPS DOWN, SEE SECTION 12/S4.0
- HTTS HOLDOWN ANCHOR. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND SHEARWALL SCHEDULE." SEE D/S2.0.
- HDUS HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- (2) #4x3'-0" LG. RE-ENTRANT BARS (CENTERED IN SLAB) AT ALL RE-ENTRANT CORNERS.
- UNDERGROUND PIPE. SEE CIVIL AND PLUMBING DWGS.
- FLOOR SINK REFER TO PLUMBING DRAWINGS FOR LOCATION.
- HD12 HOLDOWN ANCHOR AT EACH END OF FRONT SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL. ENTRANT CORNERS.

- 4" CONCRETE SLAB - SEE FOUNDATION PLAN NOTES D/S1.0. MODIFY BASE MATERIAL AS REQUIRED BY ON-SITE SOILS TESTING AGENCY. PROVIDE BOND BREAKER BETWEEN SLAB AND BUILDING FOUNDATIONS.
- FORM FOOTING TO ACCOMMODATE FLOOR SINK AND DRAIN LINE INSTALLATION.
- FROST SLAB - SEE CIVIL PLANS FOR TOP OF CONCRETE ELEVATION.
- 4" EXTERIOR CONCRETE SLAB REINFORCED WITH 6x6-W2 9xW2 9 W.W.F. (CENTERED IN SLAB) OVER 4" COMPACTED GRANULAR FILL OVER COMPACTED SUBGRADE. SEE SLAB NOTES THIS SHEET FOR ADDITIONAL INFORMATION. REFER TO CIVIL PLAN FOR EXTENTS OF SLAB.
- HSS6x6x1/4 COLUMN WITH 3/4"x1'-0"x1'-0" BASE PLATE.
- SLAB ISOLATION JOINT AT CANOPY COLUMNS. TYPICAL. REFERENCE SHEET S4.0 FOR DETAILS.

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. 80FT
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RB
JOB NO.: 2021088.54

TACO BELL

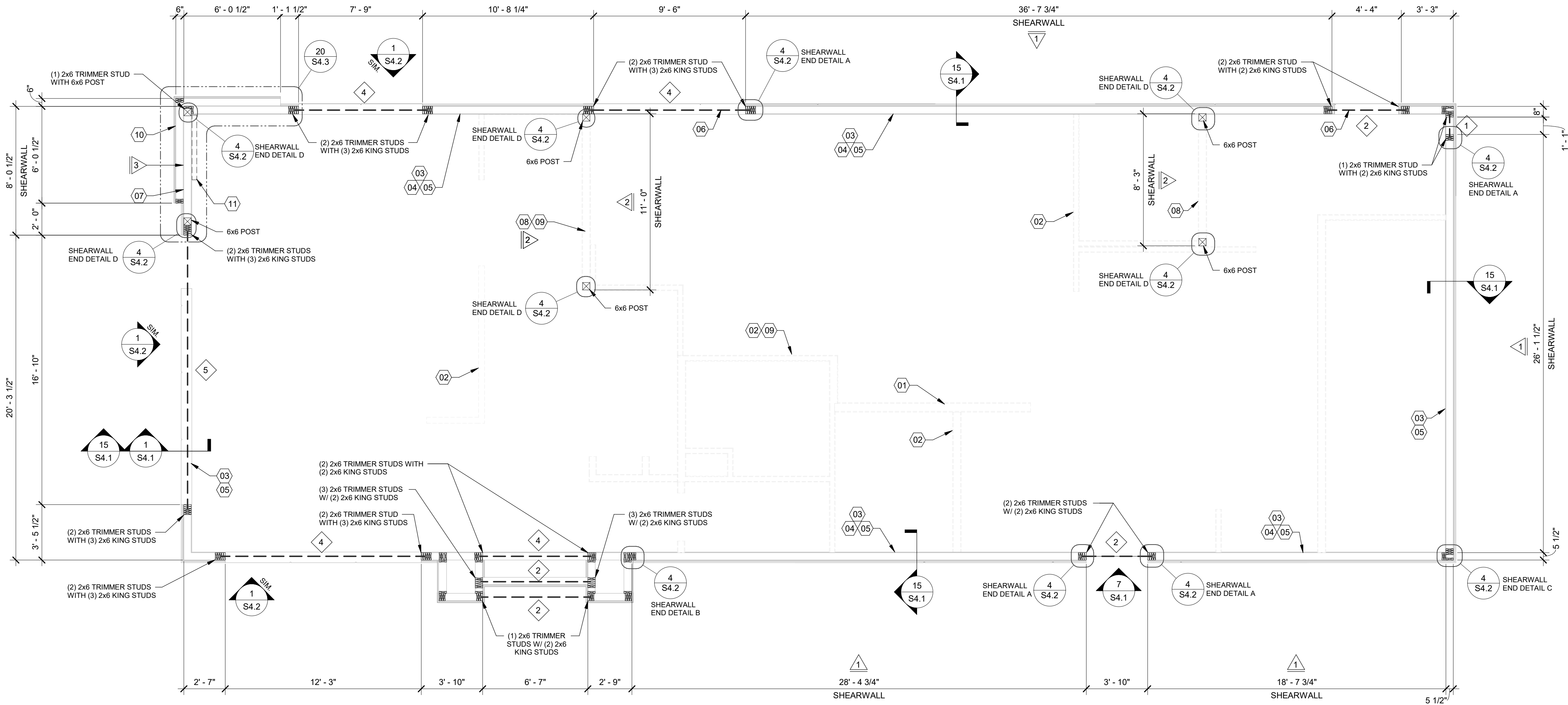
2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
FOUNDATION
PLAN

S1.0

PLOT DATE: 9/27/2022 10:02:10 AM



DATE	REMARKS
09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. 80FT
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RB
JOB NO.: 2021088.54

TACO BELL

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Shelby, NC 28152



**ENDEAVOR 2.0
WALL FRAMING
PLAN**

S2.0

PLOT DATE: 9/27/2022 10:02:11 AM

HEADER SCHEDULE		
MARK	BUILT-UP SECTION	BUILT-UP MANUF. MEMBER
1	(3) 2x8	--
2	(3) 2x10	--
3	NOT USED	--
4	--	5 1/4" x 9 1/4" PSL
5	--	5 1/4" x 14" PSL

NOTES:
1. BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. REF. 14/S4.1
2. PSL BEAMS TO HAVE FOLLOWING MIN. PROPERTIES:
Fb = 2900 PSI
Fc = 750 PSI
Fv = 290 PSI
E = 2000 KSI

WALL SHEATHING AND SHEARWALL SCHEDULE					
SW	SHEATHING	EDGE	FIELD	PLATE / ANCHOR BOLT	REMARKS
1	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	5/8" DIA. F1554 (22x3) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	5/8" DIA. F1554 (18x3) @ 16" O.C. W/ WASHER	PLYWOOD ON BOTH SIDES OF STUDS
3	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	5/8" DIA. F1554 (22x3) @ 16" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF WALL
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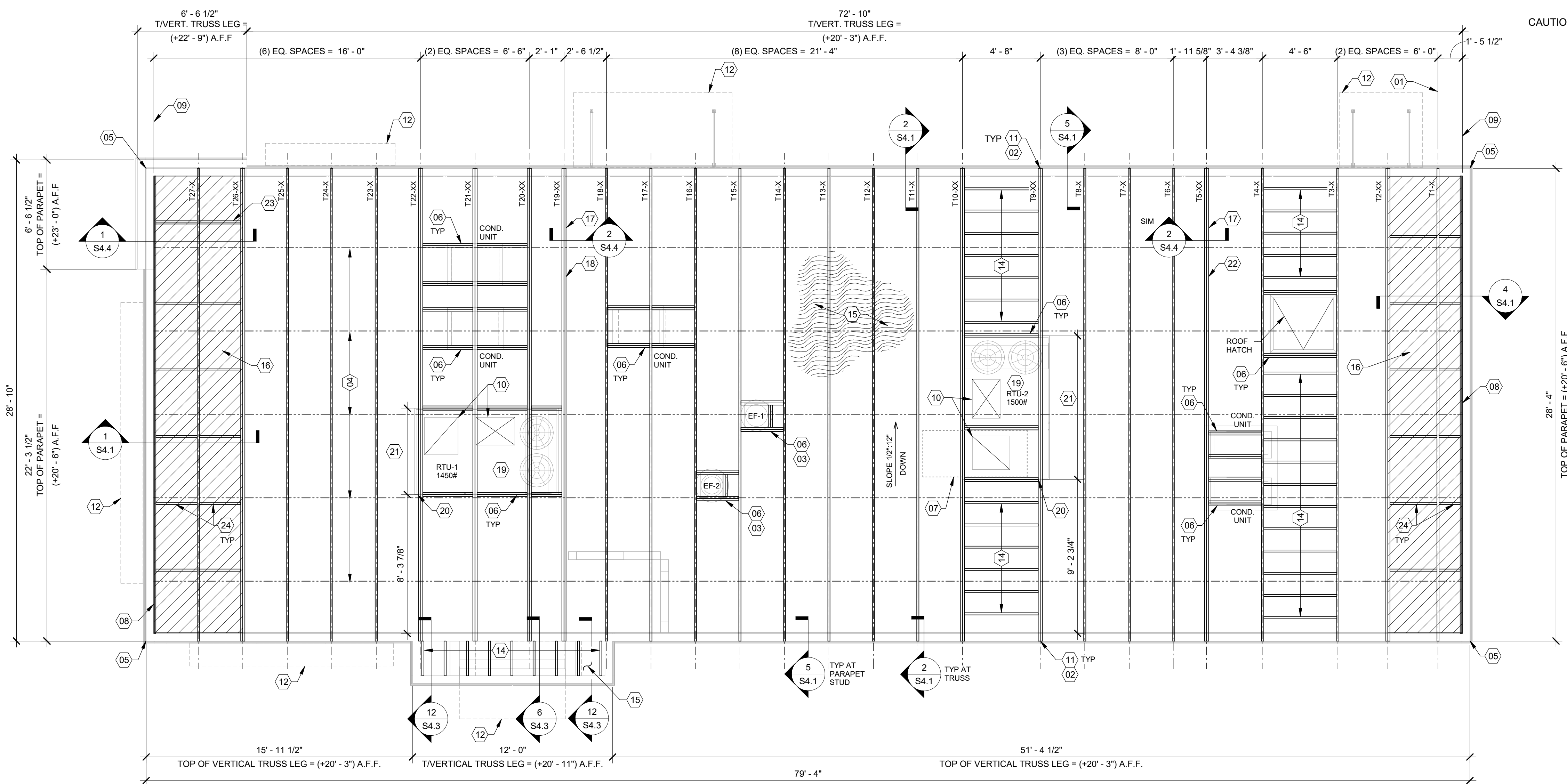
WALL FRAMING NOTES - TYP U.O.O.:

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

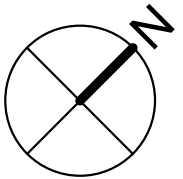
- 01 COLD-FORMED STUD WALL (NON-LOAD BEARING STUD WALL). SEE ARCH.
- 02 INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 10 & 11/S4.1 AND WALL FRAMING NOTES.
- 03 (2) 2x6 TOP PLATES AT TRUSS BEARING - SPLICE PER 16/S4.1. U.O.N. REF. 1/S4.3 FOR PARAPET CAP DETAIL.
- 04 TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1.
- 05 TOP OF PARAPET. SEE S3.0.
- 06 ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- 07 EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH ADJACENT FRAMING - TYPICAL.
- 08 INTERIOR SHEAR WALL. PROVIDE 6x6 POST AT EACH END OF WALL.
- 09 COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.
- 10 2x FRAMING ON THICKENED CONCRETE FOUNDATION / PIER; SEE SHEETS S1.0 AND S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD.
- 11 2x4 FRAMING FOR ALCOVE. SEE ARCHITECTURAL.

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT



EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES -
COMPLY WITH TPI BRACING REQUIREMENTS.

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



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

ROOF NAILING SCHEDULE		
TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	
EN	10d @ 6" O.C.	
FN	10d @ 12" O.C.	
ROOF SHEATHING	19/32" CDX PLYWOOD (40/20), PS1 RATING	
NOTES: SEE 8/S4.2 FOR DEFINITIONS AND ROOF NAILING PLAN. SEE 11/S4.2 FOR TYPICAL NAILING SCHEDULE.		

ROOF FRAMING NOTES:
A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCS CLIPS. PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 9/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.
C. MANUFACTURED ROOF TRUSS NOTES:
A. MFR'D ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.
B. "T-P" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 7/S4.2.
C. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR. SHALL SUBMIT SHOP DWGS. AND CALCS. BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF NORTH CAROLINA). SUBMIT SHOP DWGS. AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS. PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER FOR REVIEW AND COMMENT.
D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.
E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED THROUGHOUT PROJECT.
F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 2/S4.2.
G. MFR'D ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 3/S4.2.
H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.
I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.
K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.
DELEGATED DESIGN NOTE:
ALL DEFERRED SUBMITTALS SHALL CONTAIN SHOP DRAWING PLANS AND DESIGN CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED (OTHER THAN THE ENGINEER OF RECORD) IN THE STATE OF NORTH CAROLINA. THE DEFERRED SUBMITTALS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW OF GENERAL CONFORMANCE WITH THE BUILDING DESIGN PRIOR TO CONSTRUCTION, FABRICATION, AND/OR ORDERING OF MATERIALS. ENGINEER OF RECORD APPROVED DEFERRED SUBMITTALS SHALL BE REVIEWED AND APPROVED BY THE LOCAL BUILDING OFFICIALS PRIOR TO INSTALLATION. THE FOLLOWING ITEMS SHALL BE SUBMITTED PER THIS SECTION (REFER TO PLANS FOR ADDITIONAL INFORMATION):
- AWNING & CANOPY
- MANUFACTURED WOOD ROOF TRUSSES
- SHORING

- (01) STARTING POINT OF TRUSS LAYOUT.
(02) VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING AND ADDITIONAL UNIFORM LOADING, TYPICAL.
(03) COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
(04) CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 7'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 8 & 9/S4.1 FOR BRIDGING LAP DETAIL.
(05) SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
(06) (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. AT EDGES OF ALL ROOF TOP EQUIPMENT AND ALL ROOF OPENINGS - SEE DET. 6 & 10/S4.2.
(07) LOCATION OF HOOD. SEE HOOD DRAWINGS. FOR HOOD ATTACHMENT, SEE DETAIL 13/S4.1.
(08) (2) 2x6 LEDGER REF. 6/S4.1.
(09) DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.
(10) HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
(11) (2) 2x6 BUILT-UP COLUMN AT TRUSS BEARING. TYP. AT GIRDER TRUSS ONLY. REF. DETAIL 12/S4.2.
(12) CANOPY- SEE ARCH. DWGS.
(13) OUTLINE OF CANOPY FRAMING. SEE CANOPY FRAMING PLAN ON SHEET S4.5 FOR CANOPY ROOF FRAMING.
(14) 2x6 @ 16" O.C. WITH SIMPSON LUS26 HANGER EA. END.

- (15) PLYWOOD ROOF SHEATHING. SEE NAILING SCHEDULE, THIS SHEET.
(16) HATCH DENOTES LOCATION OF KICKERS. SEE 1/S4.4 FOR ADDITIONAL INFORMATION REGARDING KICKERS.
(17) INTERIOR SHEAR WALL BELOW. ALIGN DINING SIDE OF WALL WITH SIDE OF TRUSS. SEE DTL. 2/S4.4.
(18) DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS. DESIGN DRAG TRUSS FOR 363 PLF (ASD, 0.6"W) ALONG TOP CHORD OF TRUSS (9,942 LBS TOTAL). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d NAILS @ 3" O.C. ALONG ENTIRE LENGTH OF TRUSS.
(19) SEE MECHANICAL DRAWINGS FOR SIZE OF SELECTED RTU OPTION.
(20) RTU LOCATION POINT.
(21) SEE MECHANICAL DRAWINGS FOR SIZE OF RTU.
(22) DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS. DESIGN DRAG TRUSS FOR 329 PLF (ASD, 0.8"W) ALONG TOP CHORD OF TRUSS (8,012 LBS TOTAL). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d NAILS @ 3" O.C. ALONG ENTIRE LENGTH OF TRUSS.
(23) (2) 2x6 BLOCKING W/ U26-2 HANGERS EACH END AT 24" O.C. BELOW KICKERS AT HIGH PARAPET.
(24) 2x BLOCKING AT BRACES. SEE 1 & 4/S4.1.

ROOF NAILING SCHEDULE

D

ROOF FRAMING NOTES

C

ROOF FRAMING KEYNOTES

B

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. 80FT
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RB
JOB NO.: 2021088.54

TACO BELL

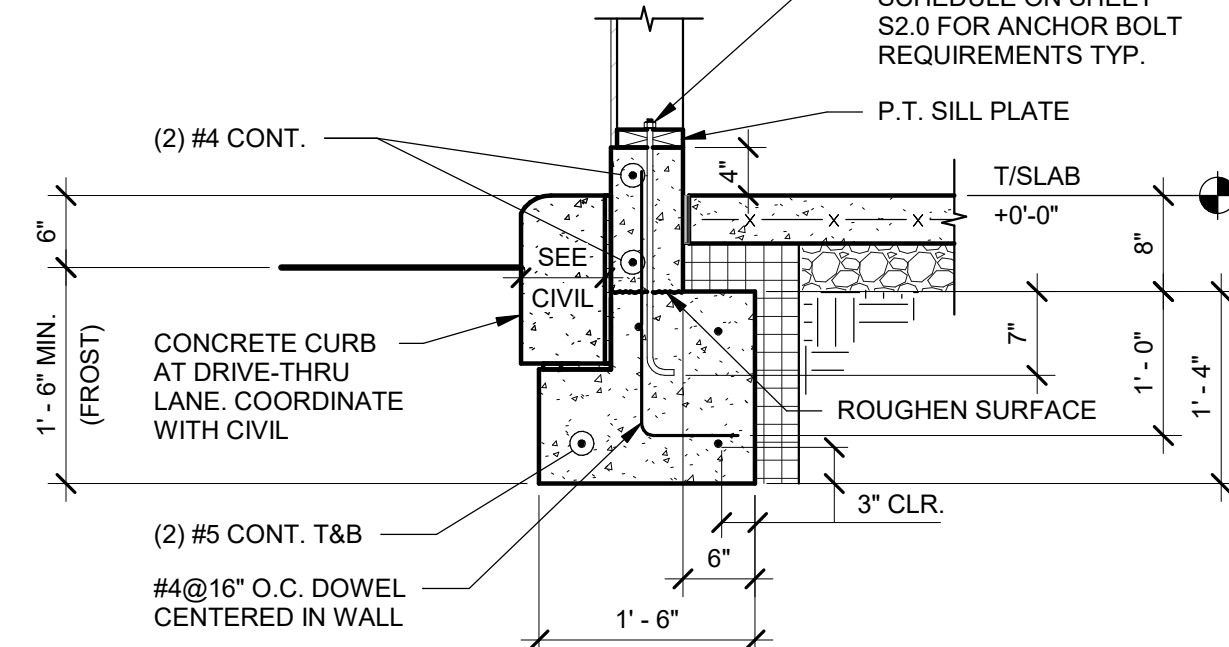
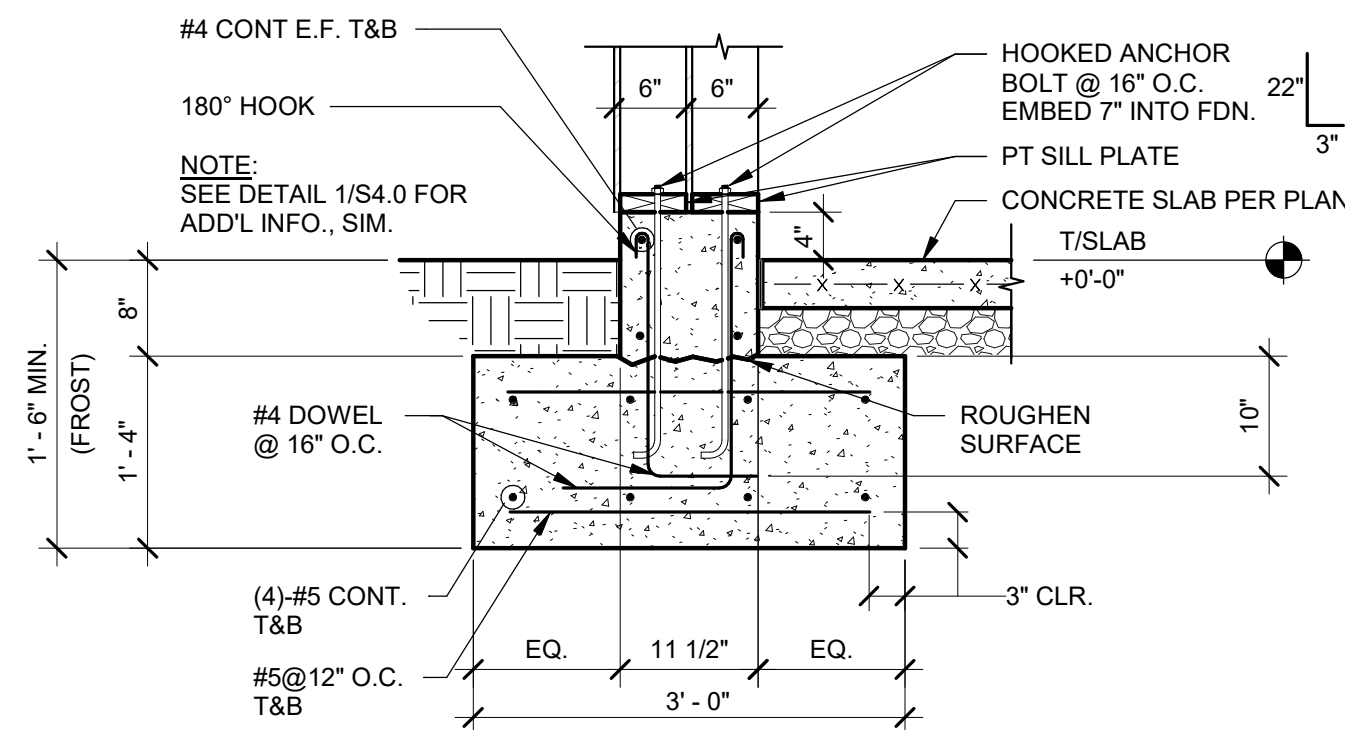
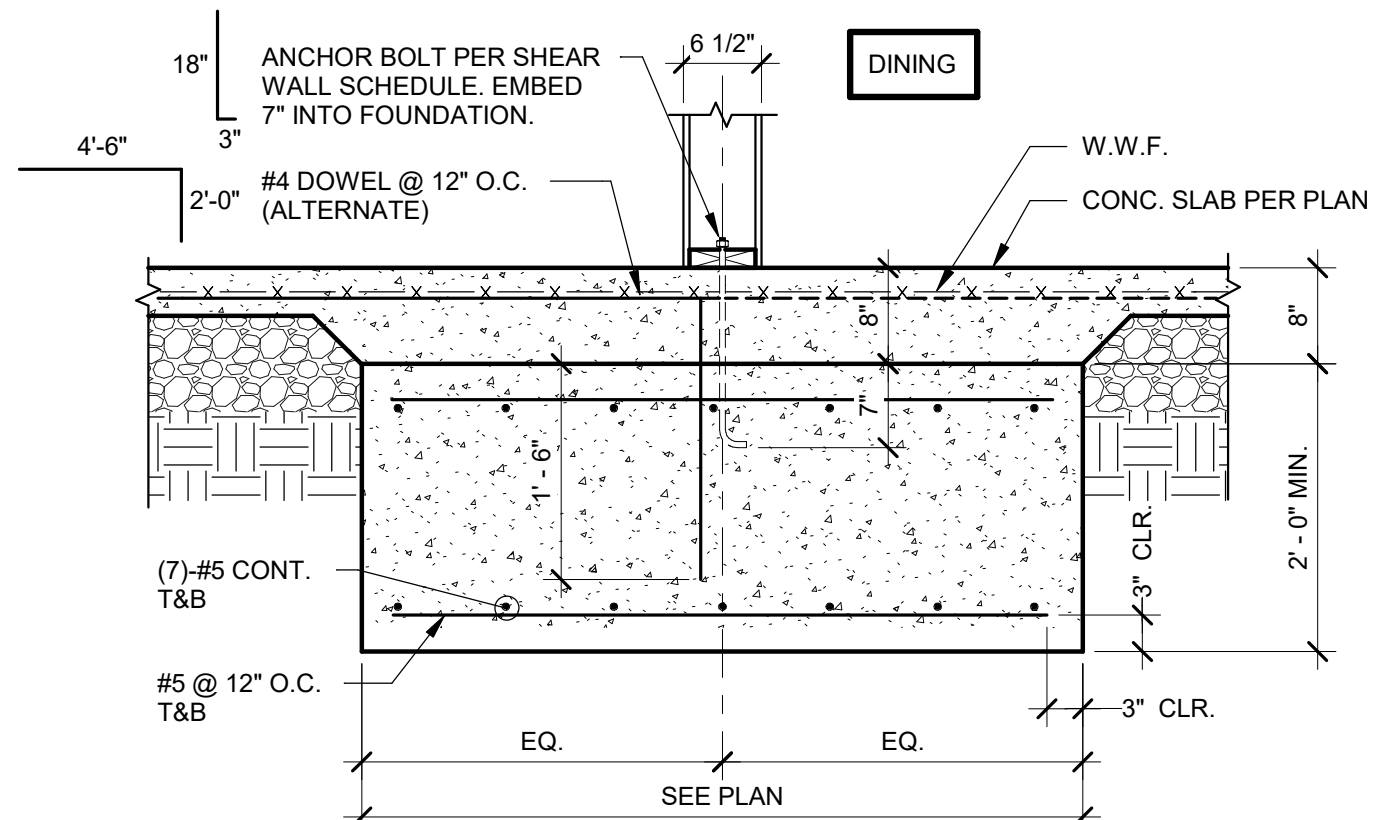
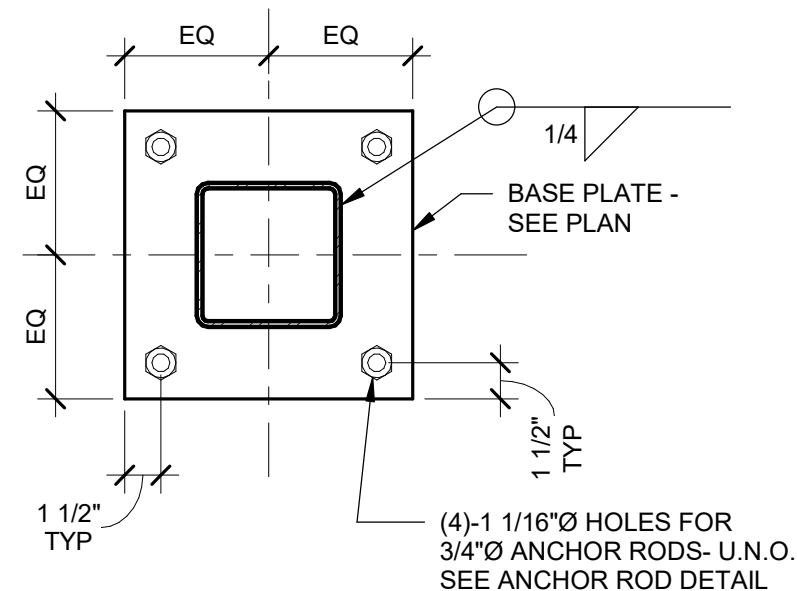
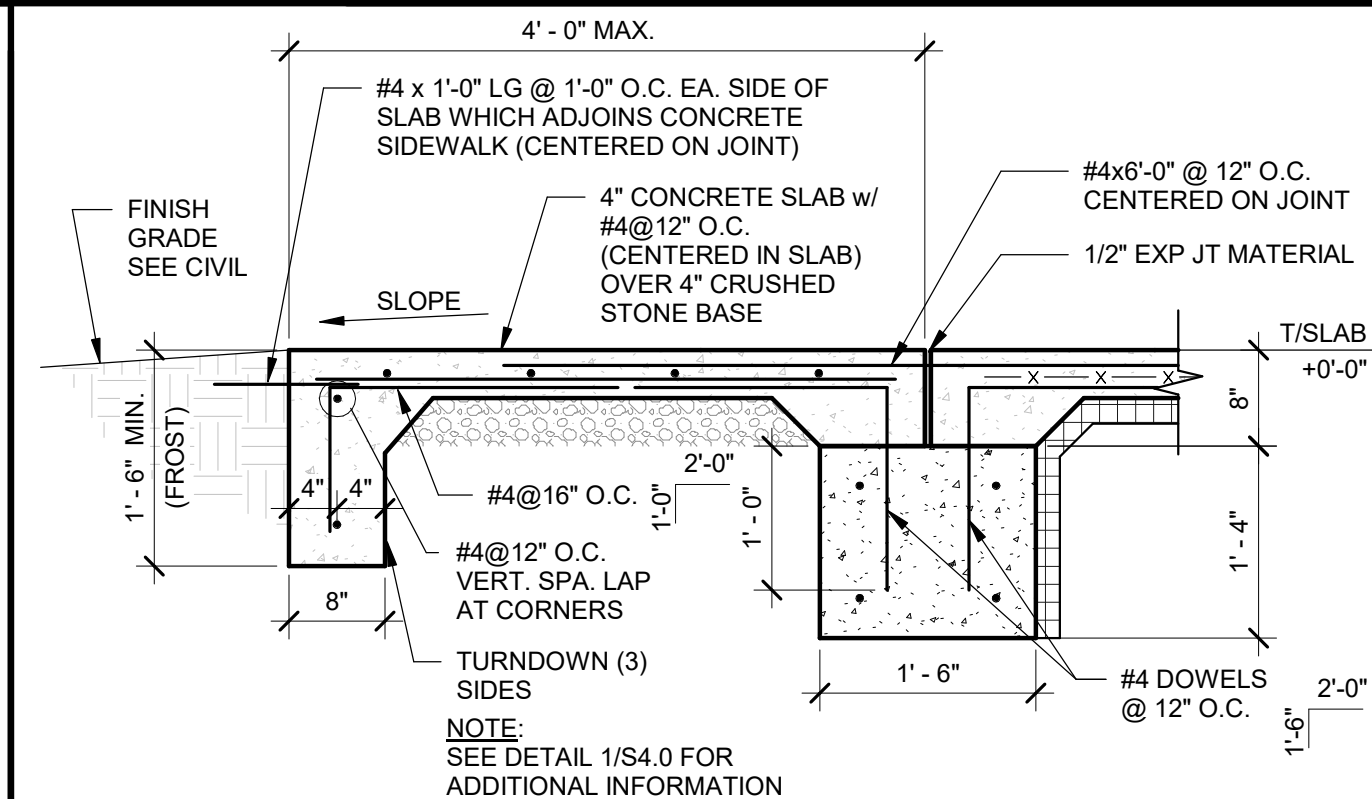
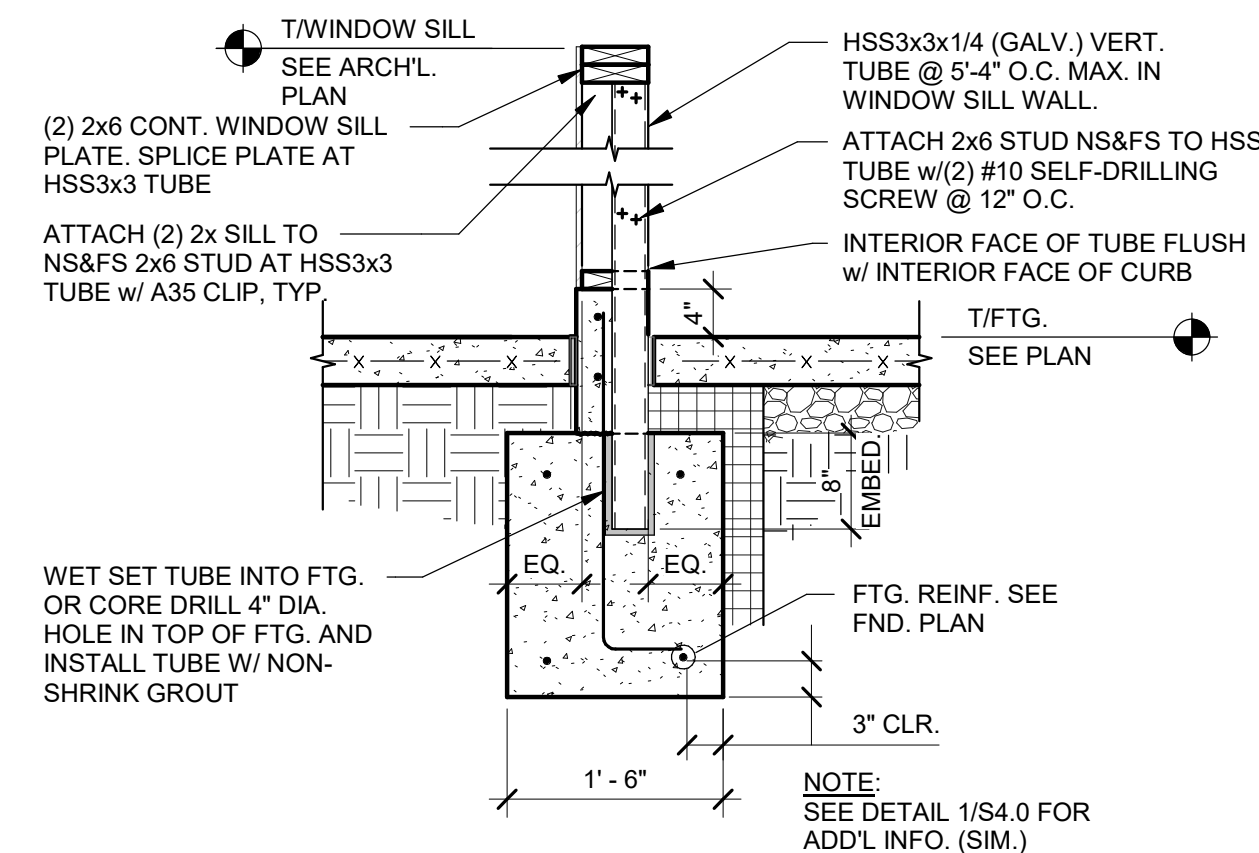
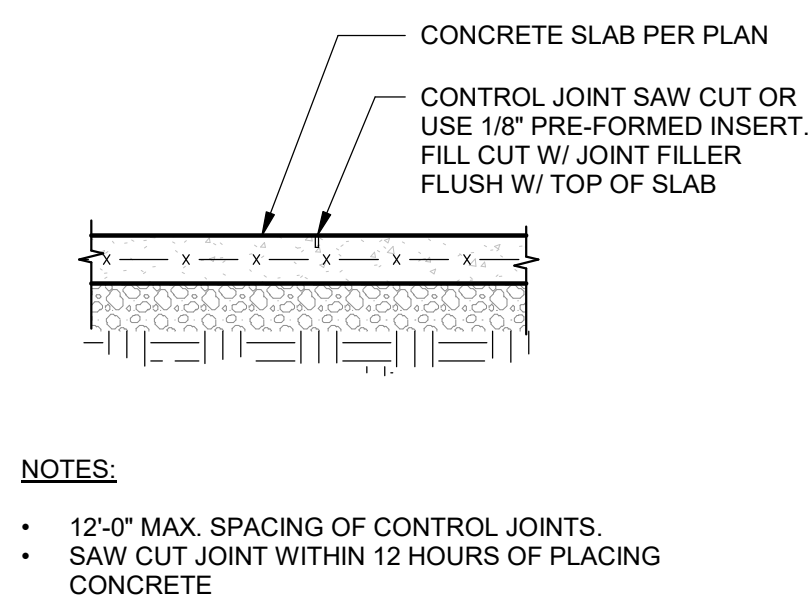
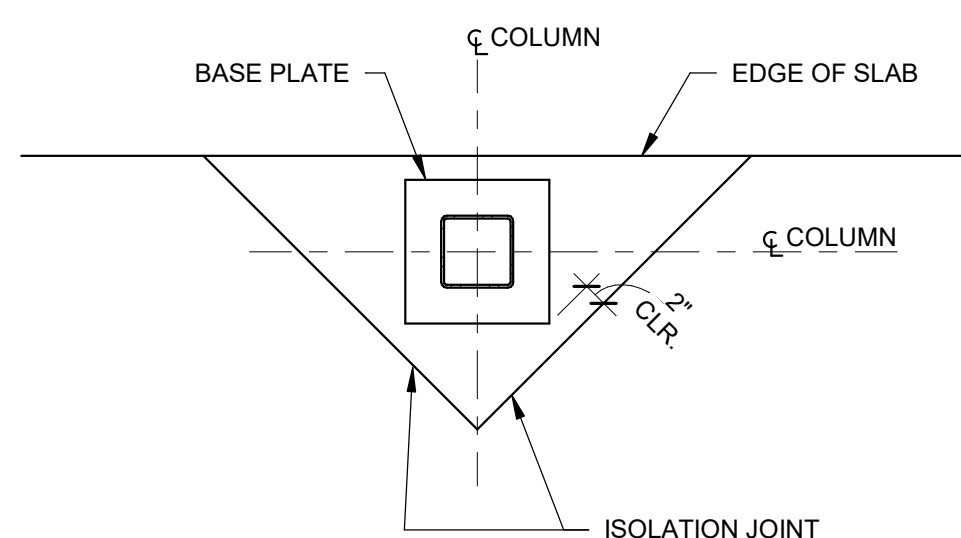
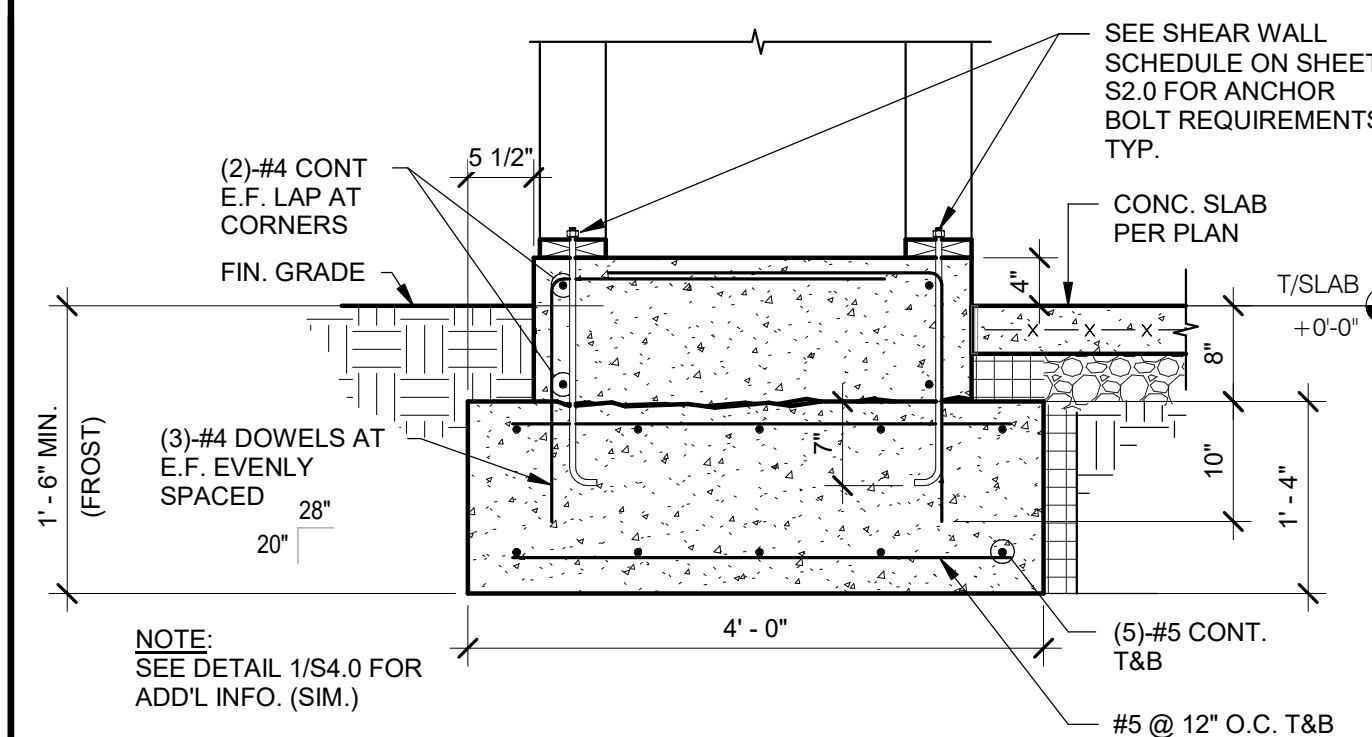
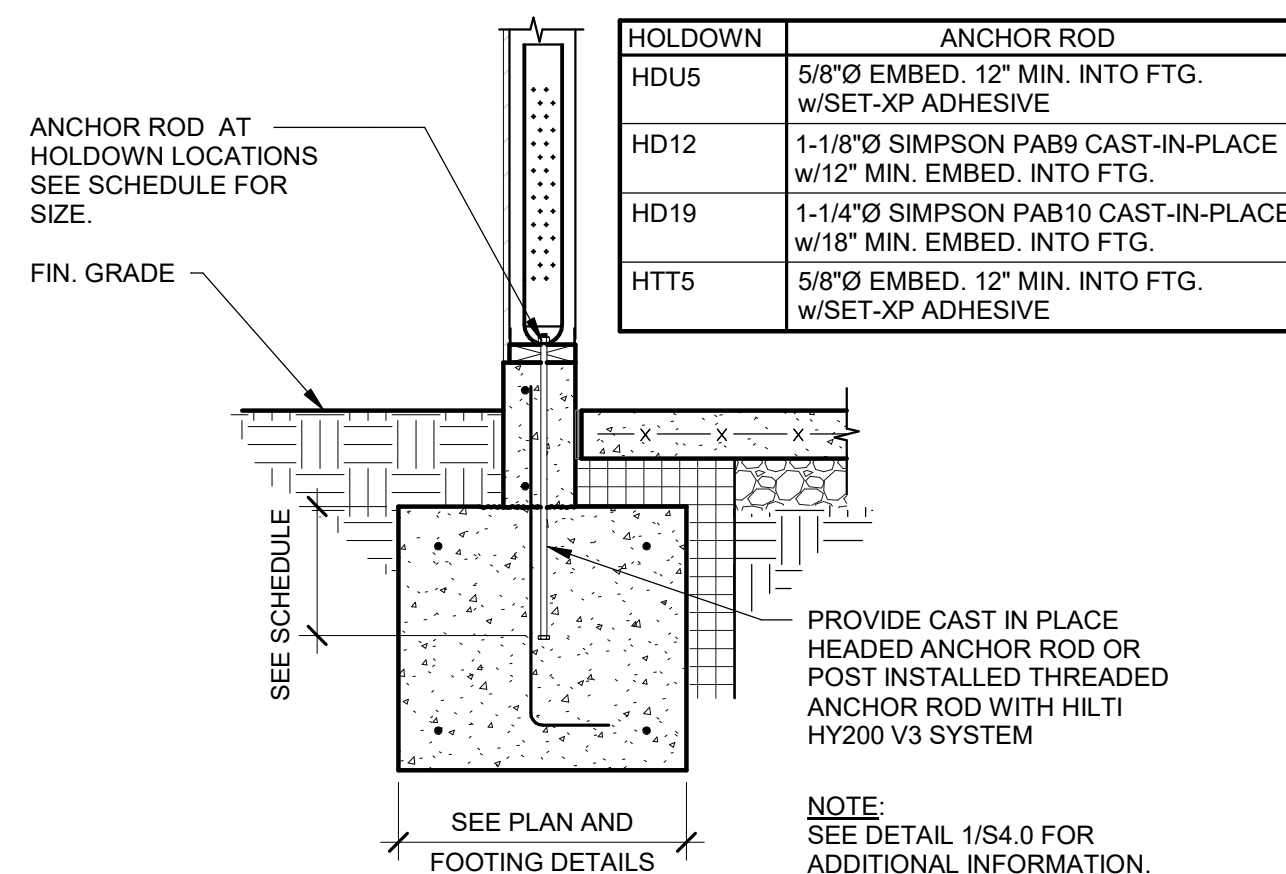
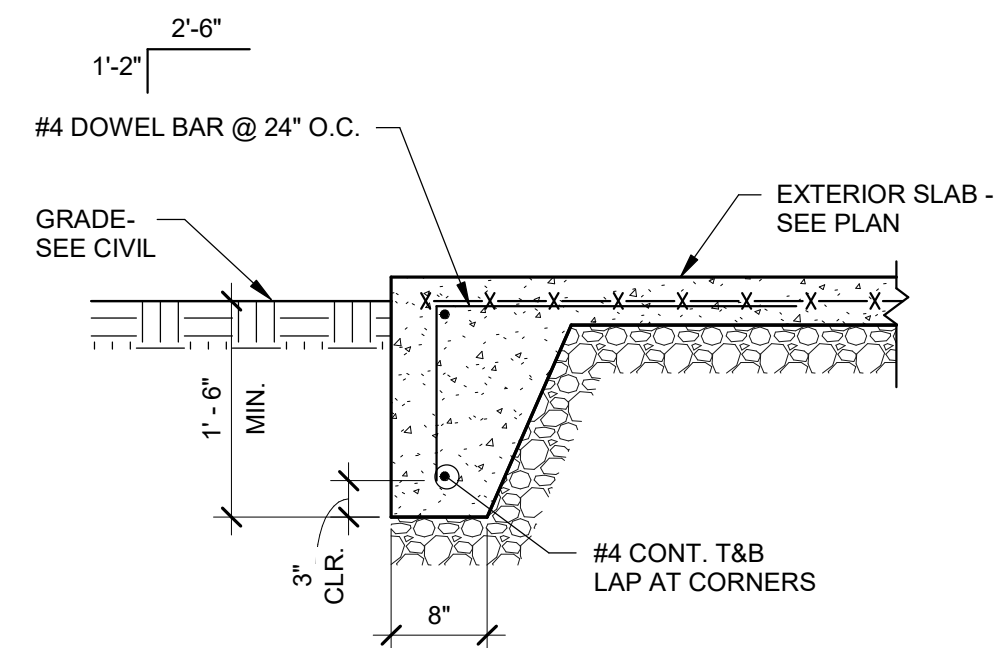
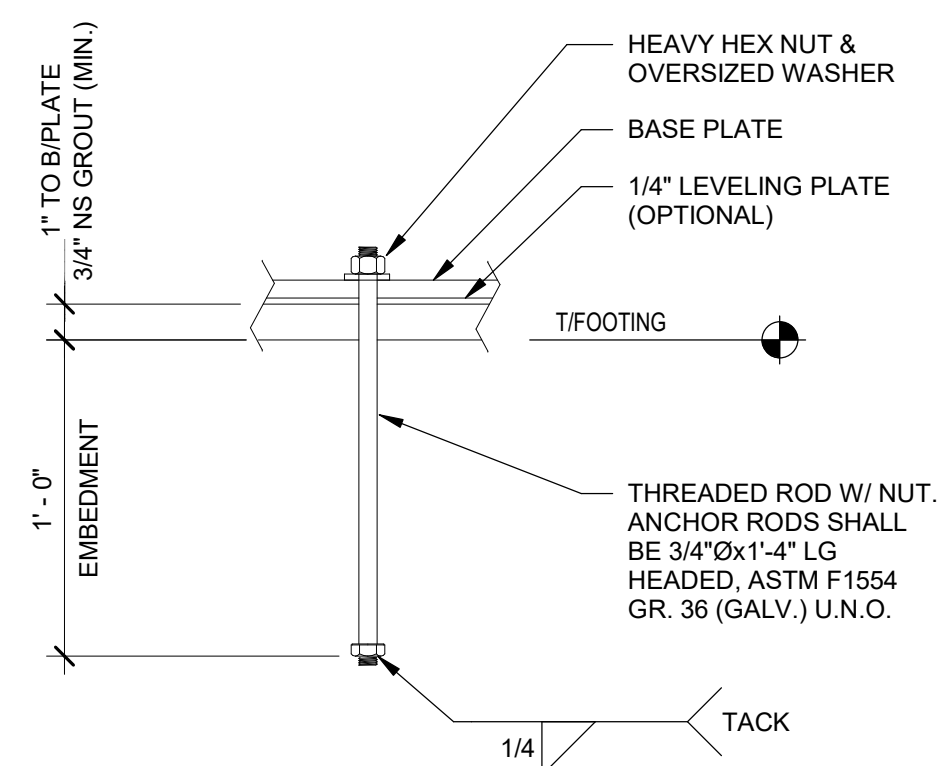
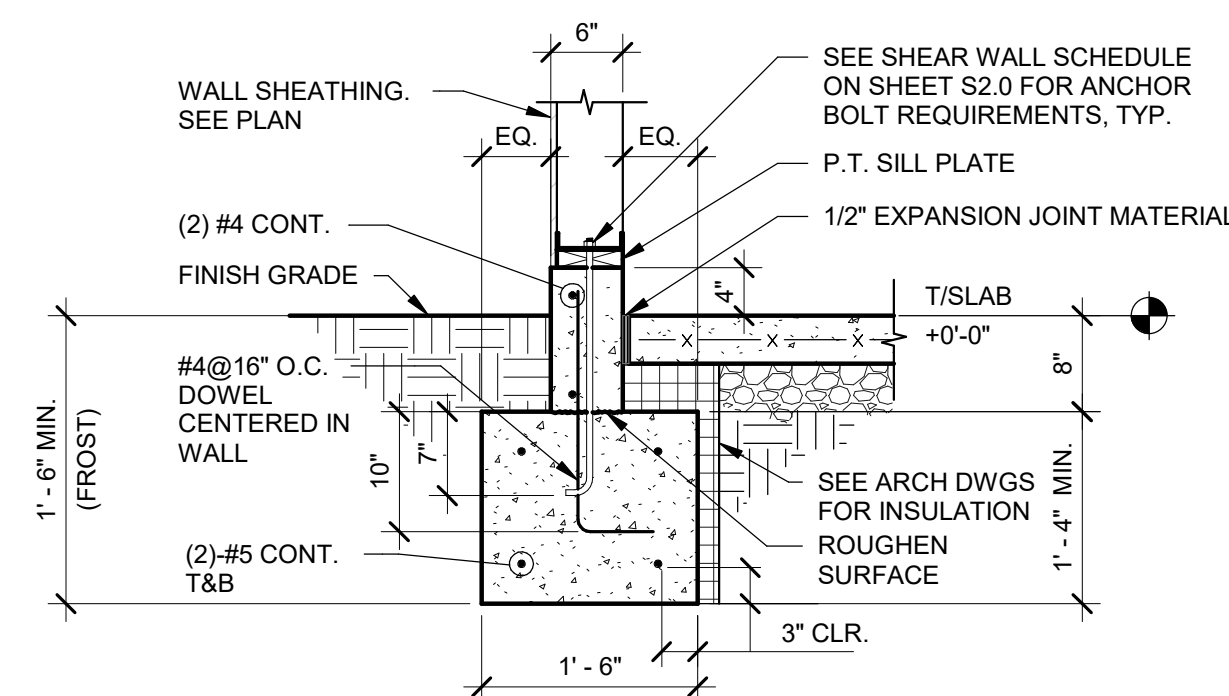
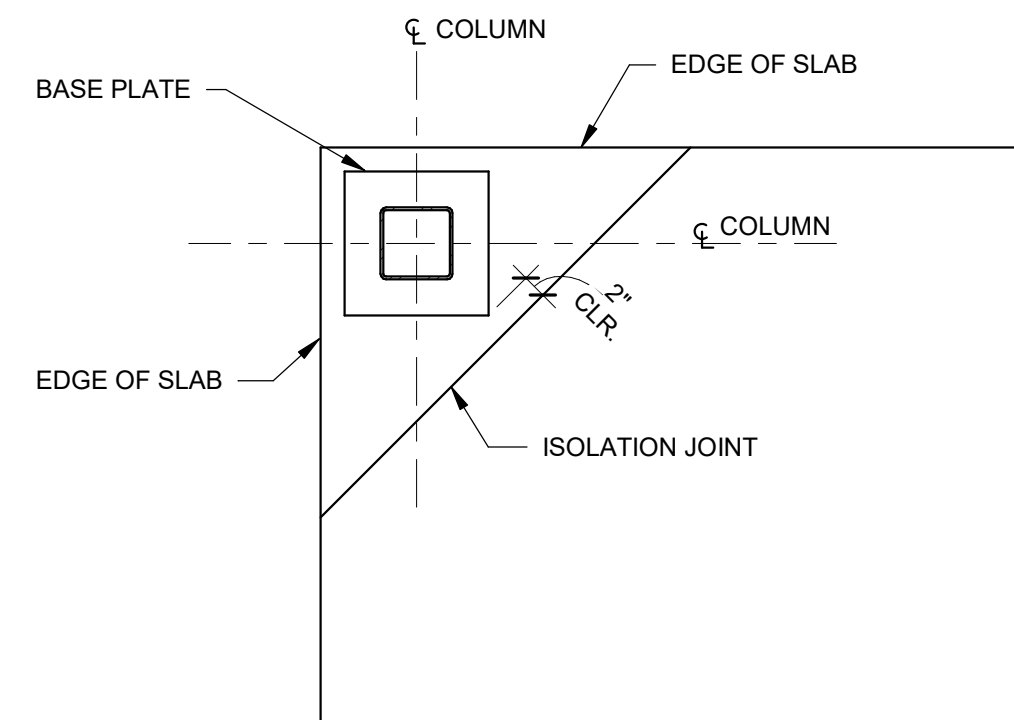
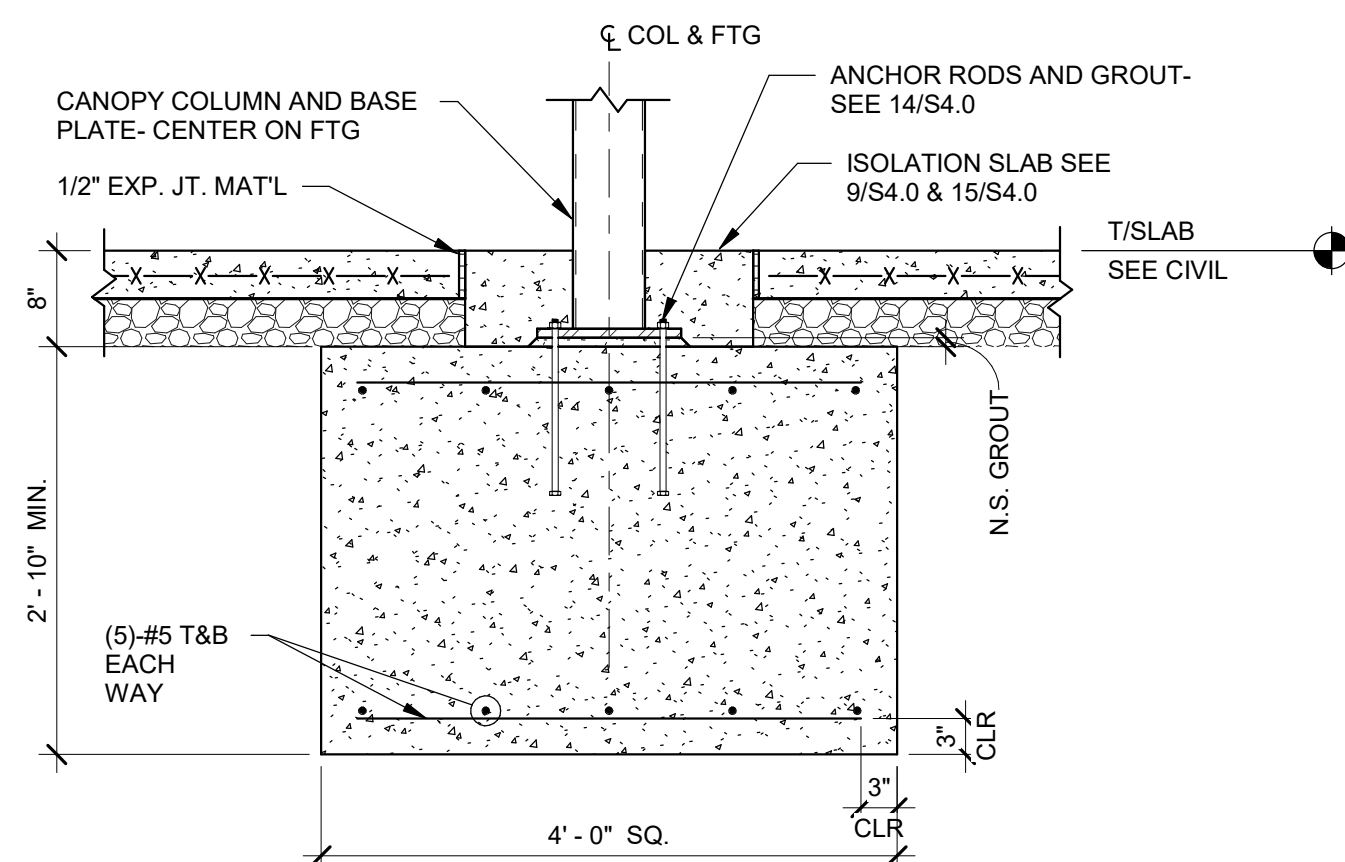
2005 East Dixon Blvd.
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ENDEAVOR 2.0
ROOF FRAMING
PLAN

S3.0

PLOT DATE: 9/27/2022 10:02:11 AM



	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. 80FT
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	RE
JOB NO.:	2021088.54

TACO BELL

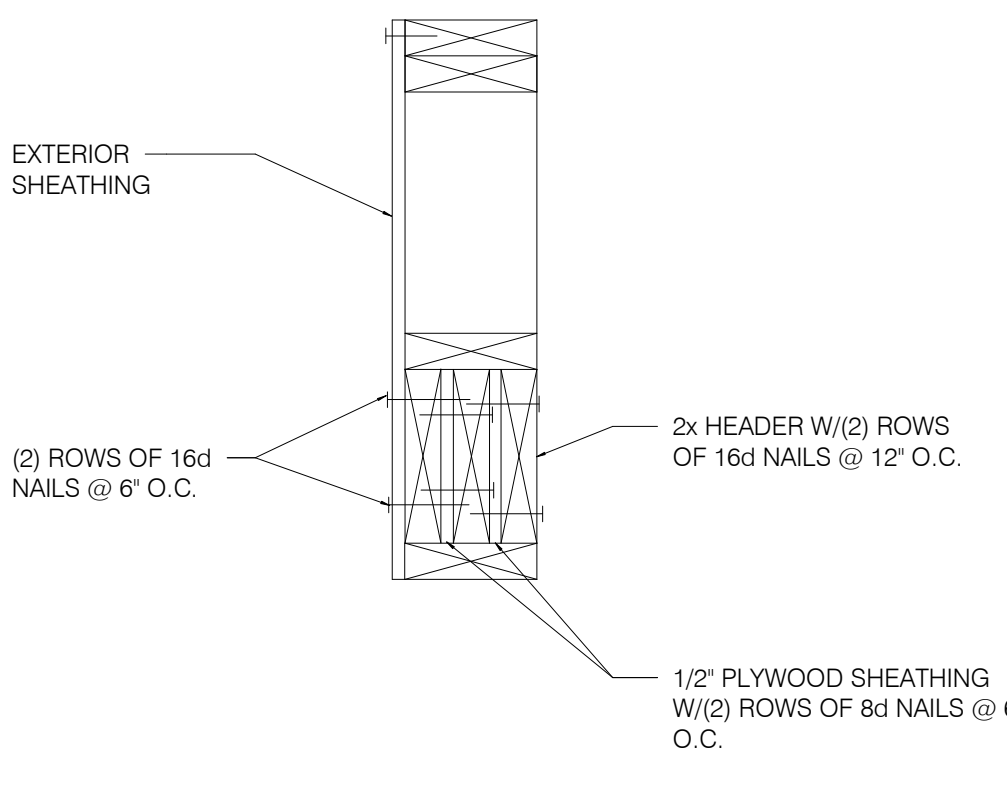
2005 East Dixon Blvd
Shelby, NC 28152



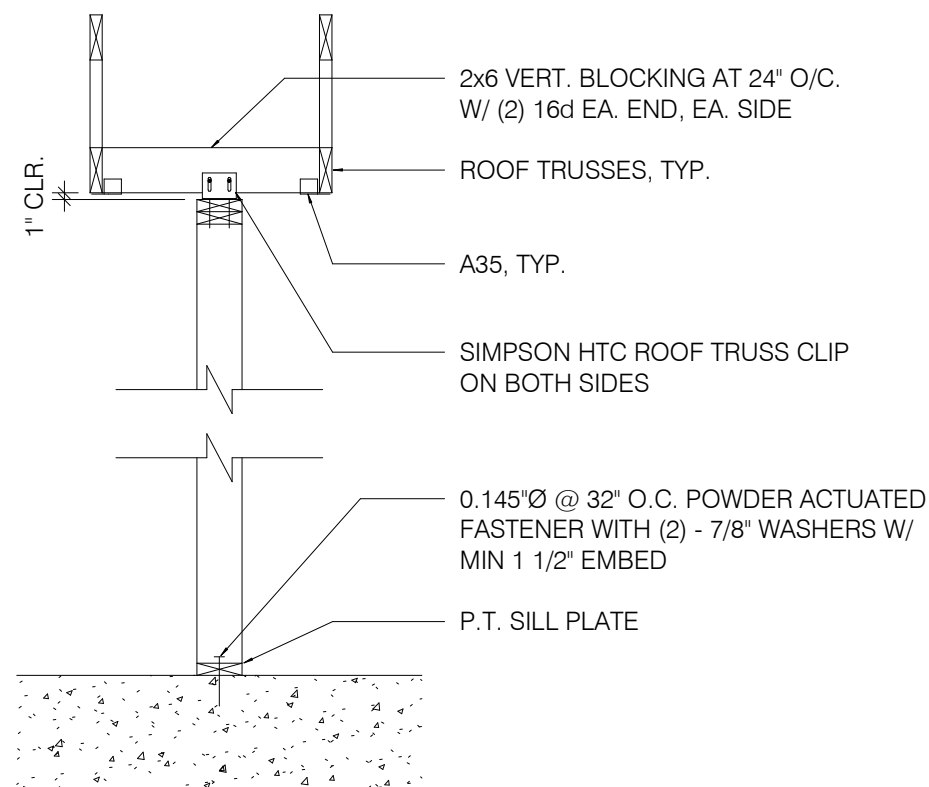
ENDEAVOR 2.0 STRUCTURAL DETAILS

S4.0

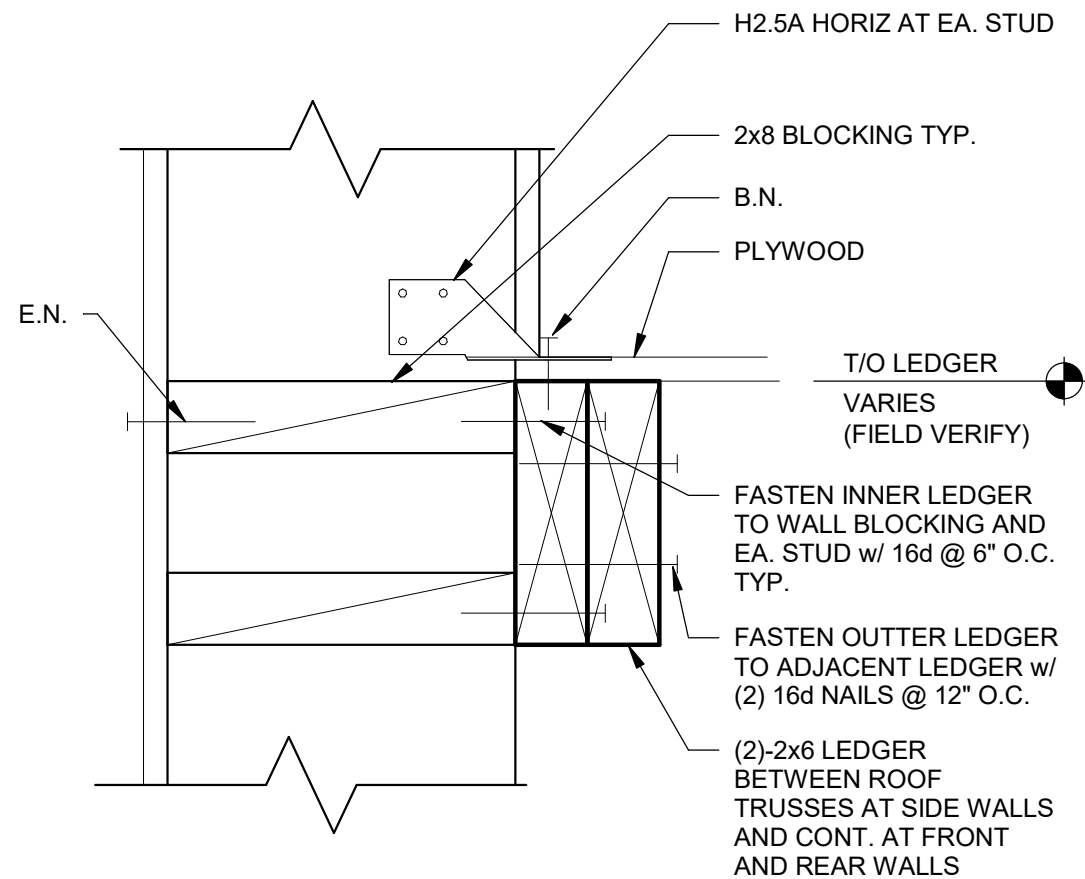
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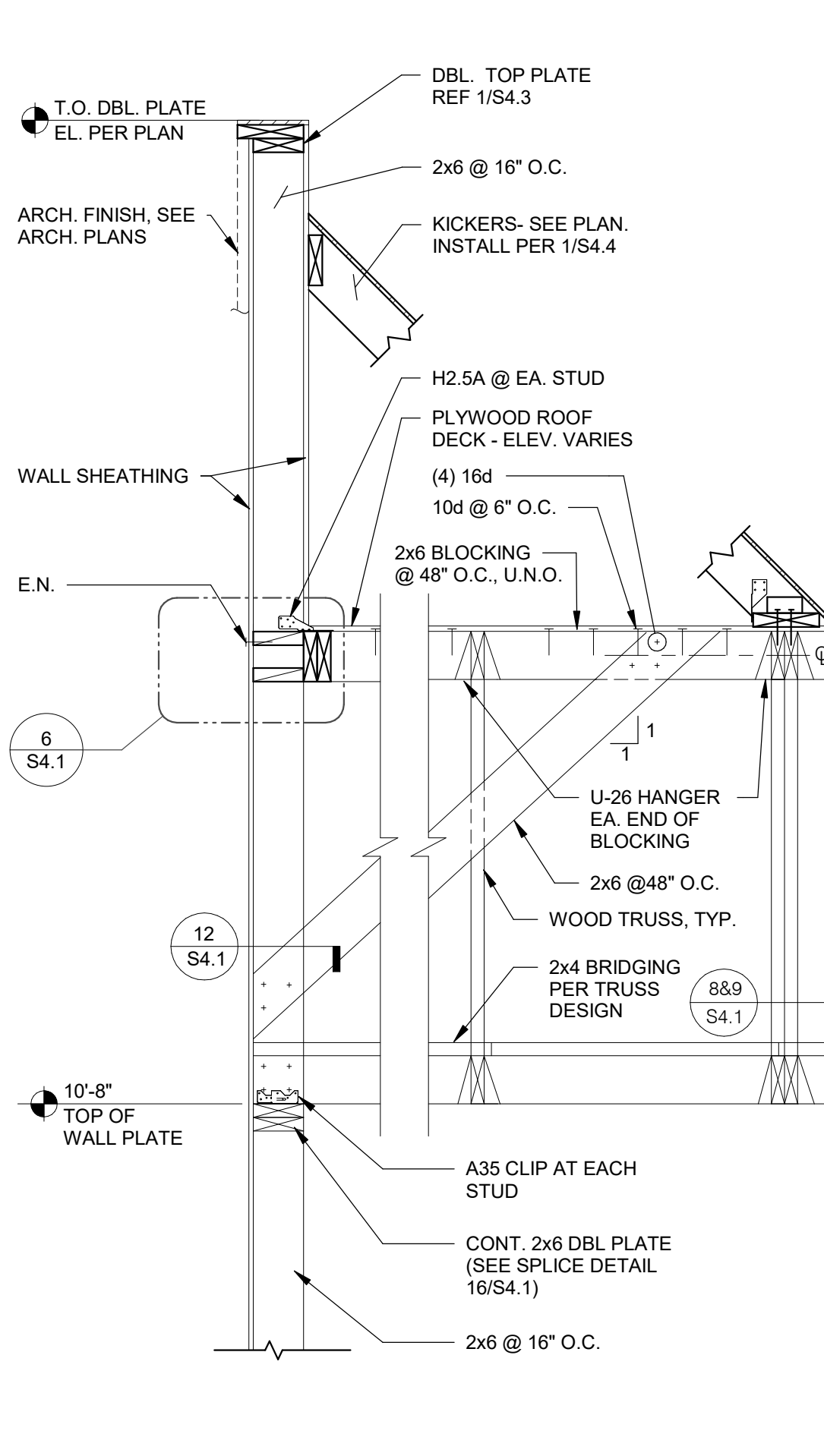
TYP. MULTIPLE HEADER 1'-1/2" = 1'-0" **14**



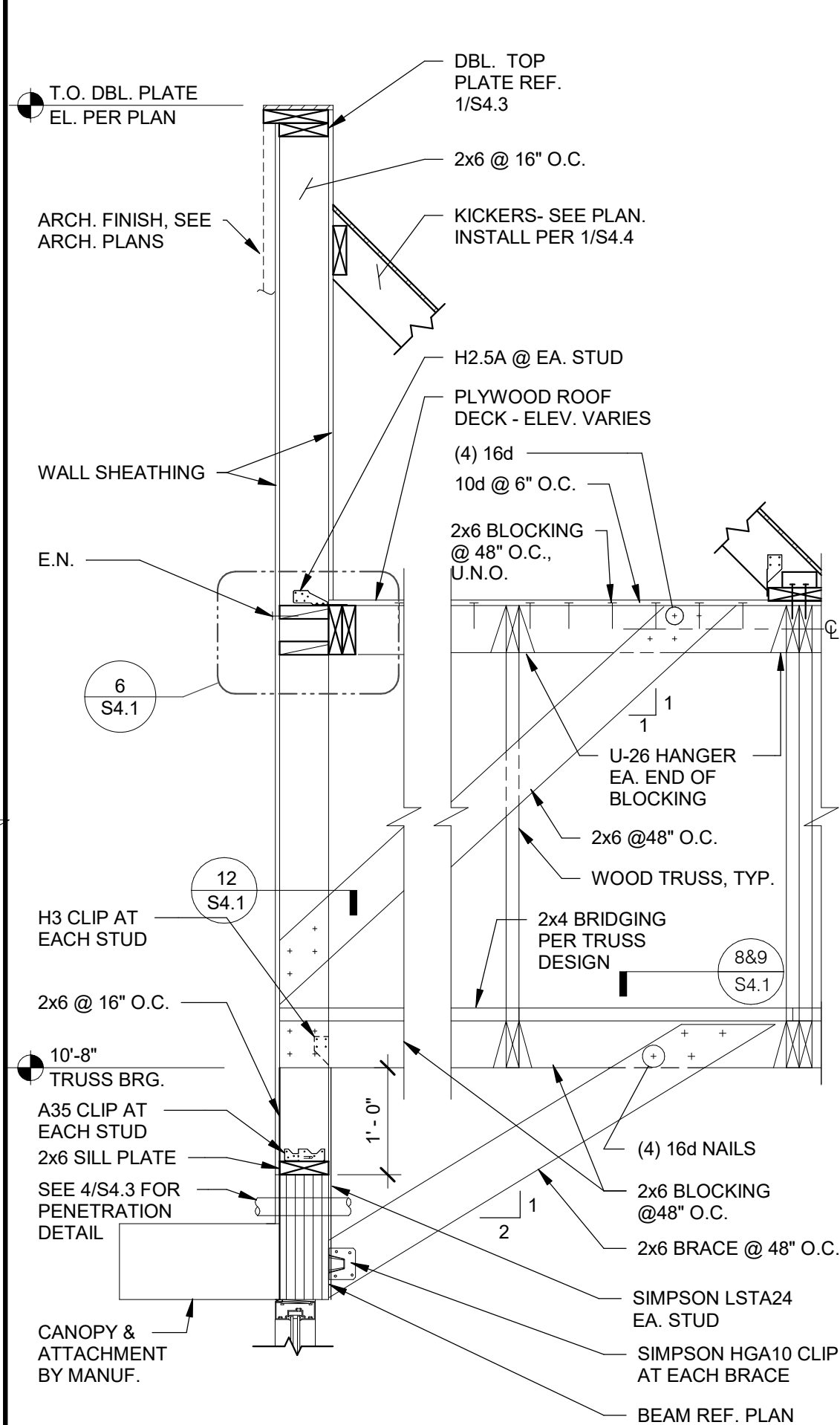
SUPPORT - PARALLEL TO TRUSS 1/2" = 1'-0" **10**



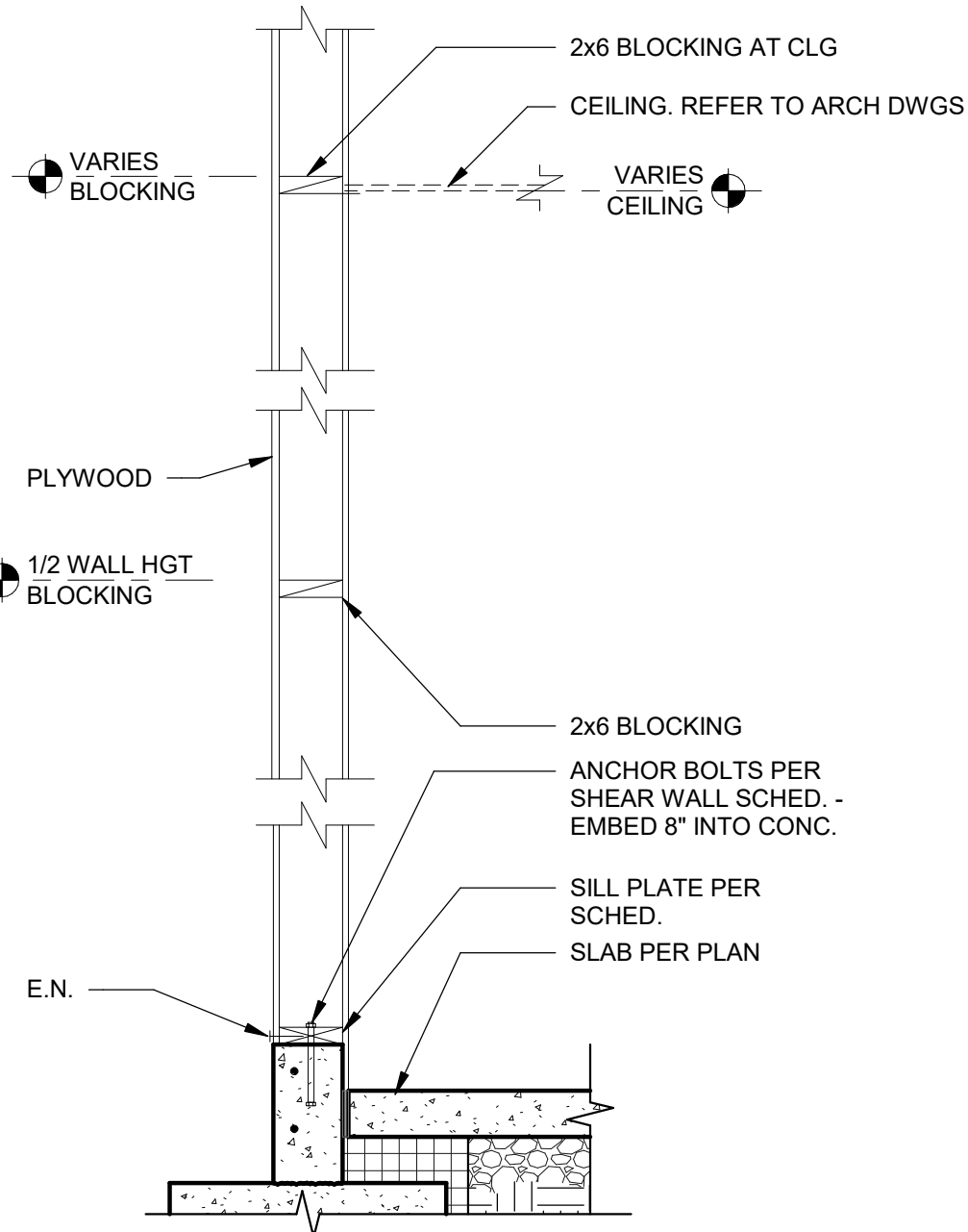
LEDGER DETAIL 3" = 1'-0" **6**



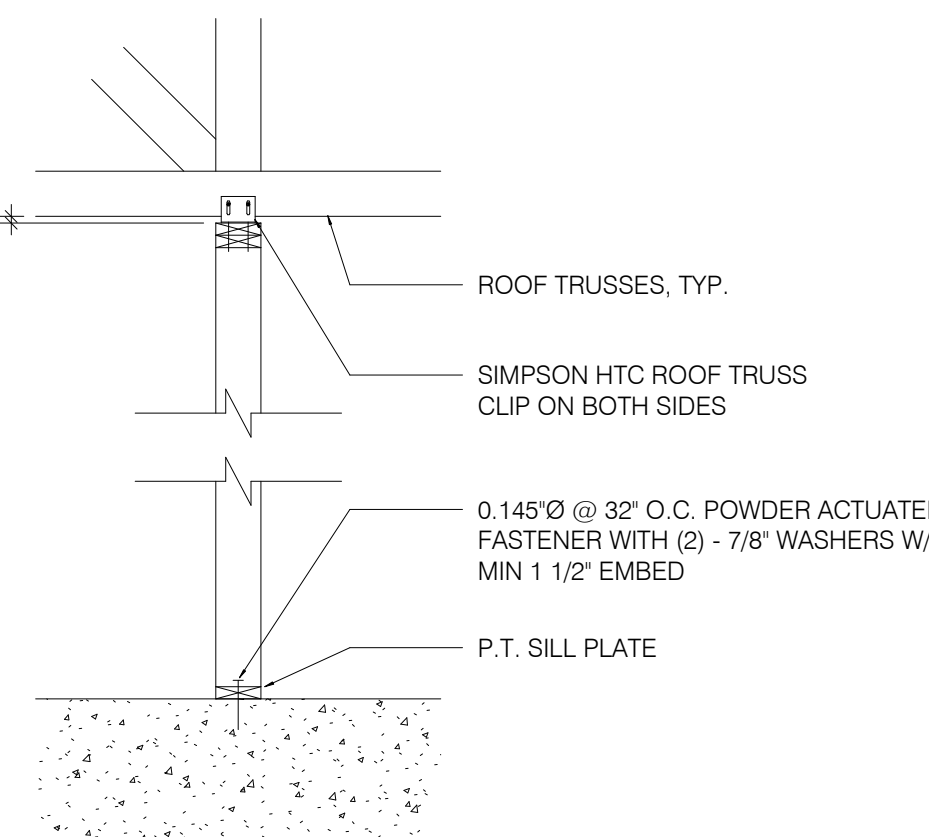
REAR WALL SECTION N.T.S. **4**



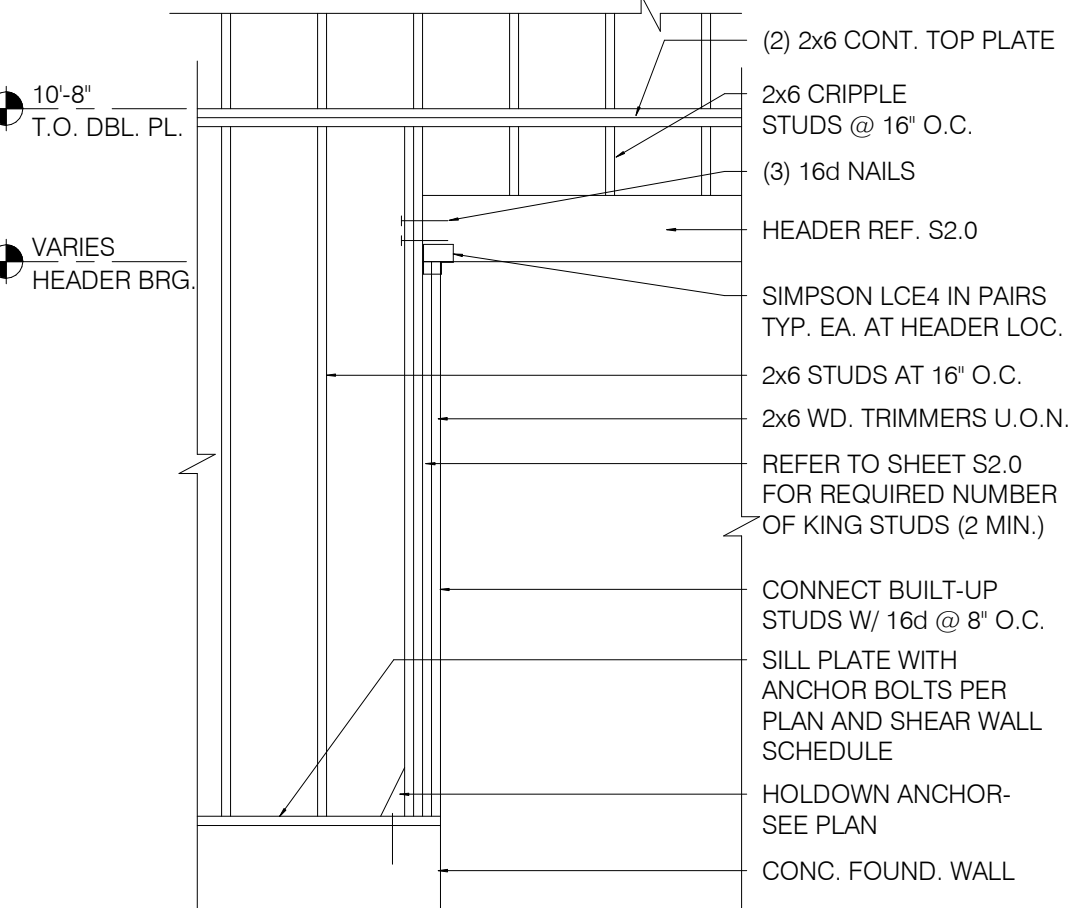
FRONT WALL SECTION N.T.S. **1**



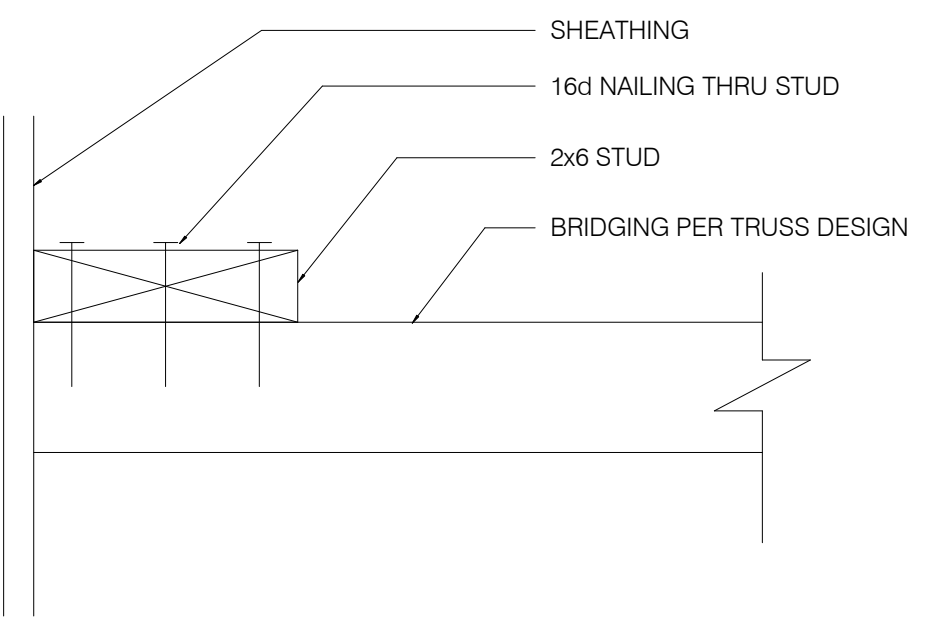
TYPICAL WALL BELOW TRUSS 3/4" = 1'-0" **15**



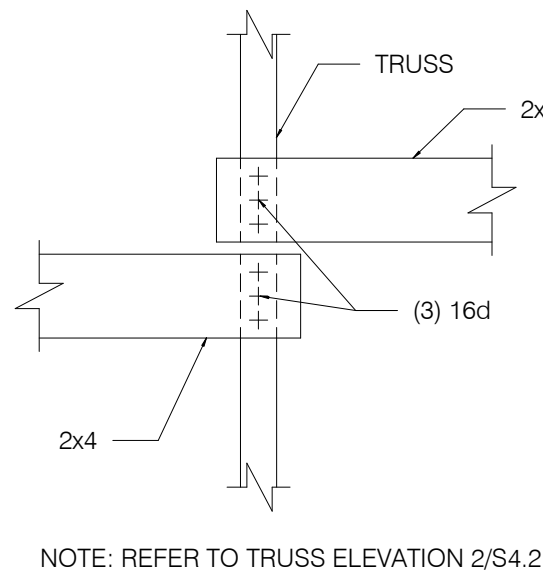
SUPPORT PERP. TO TRUSS 1/2" = 1'-0" **11**



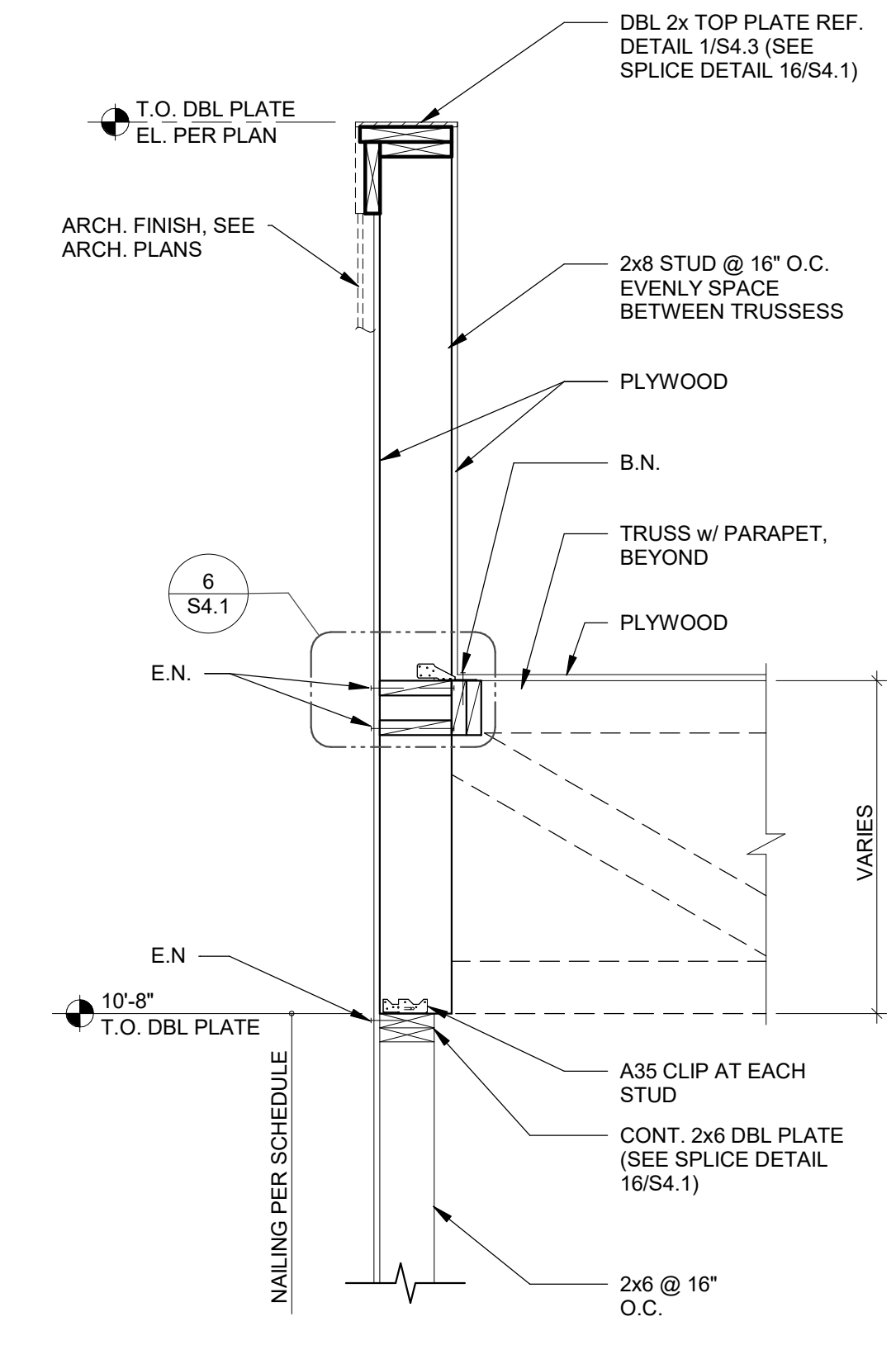
FRAMING ELEVATION AT OPENING N.T.S. **7**



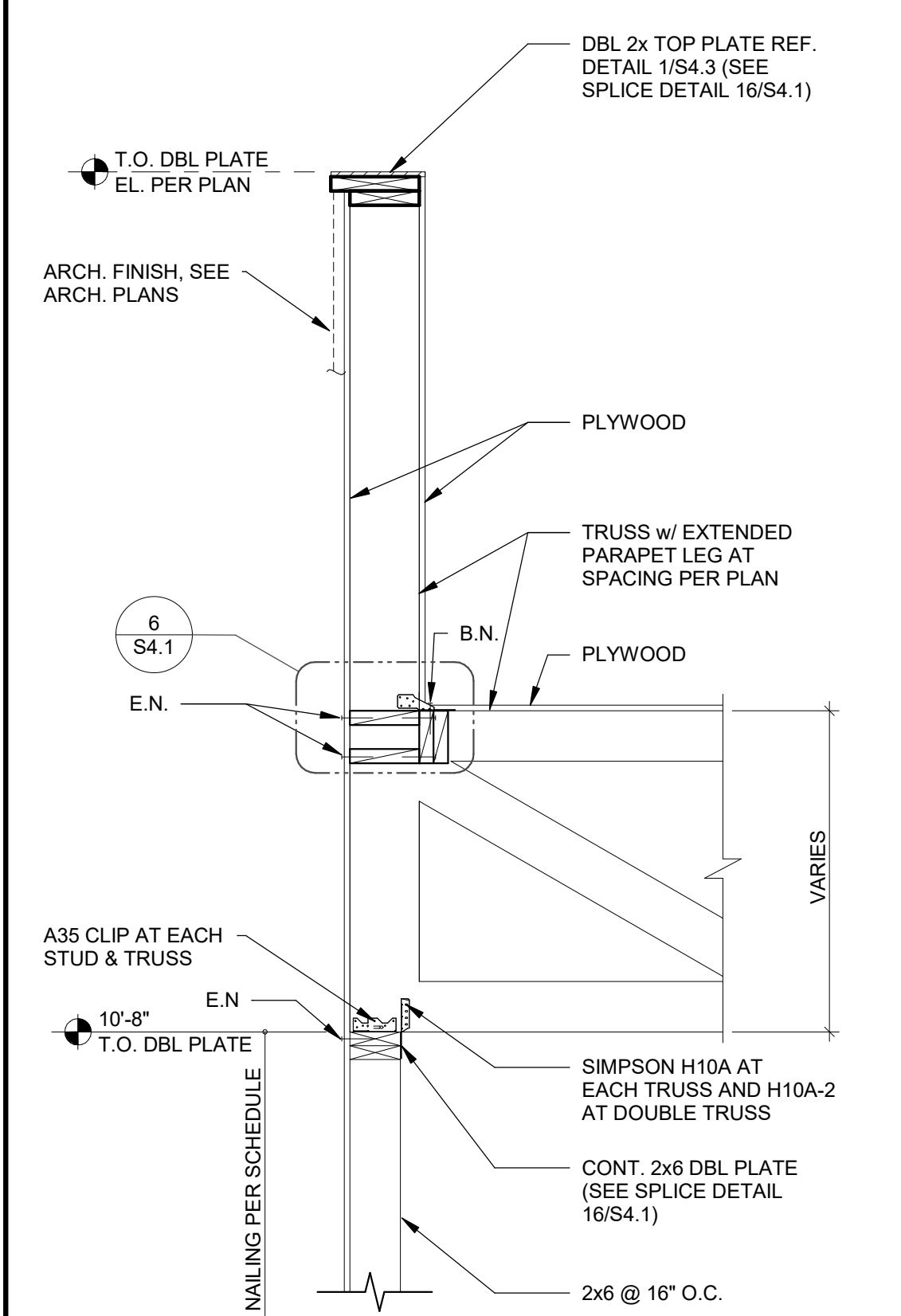
BRIDGING DETAIL 3" = 1'-0" **12**



BRIDGING LAP DETAIL 1/4" = 1'-0" **8**



SIDE WALL AT PARAPET STUD 3/4" = 1'-0" **5**



SIDE WALL AT TRUSS N.T.S. **2**

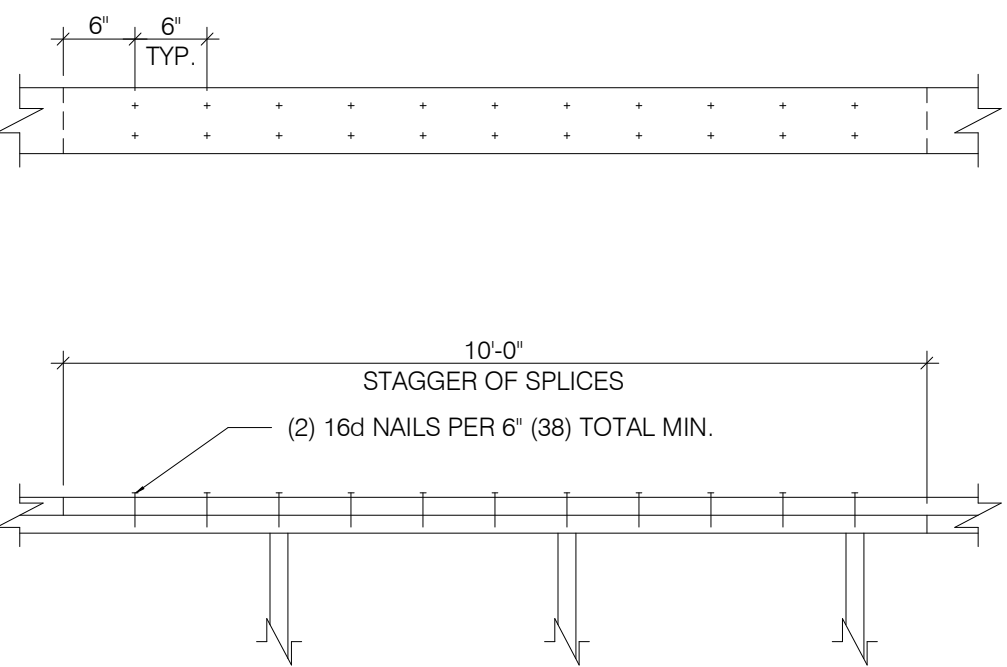
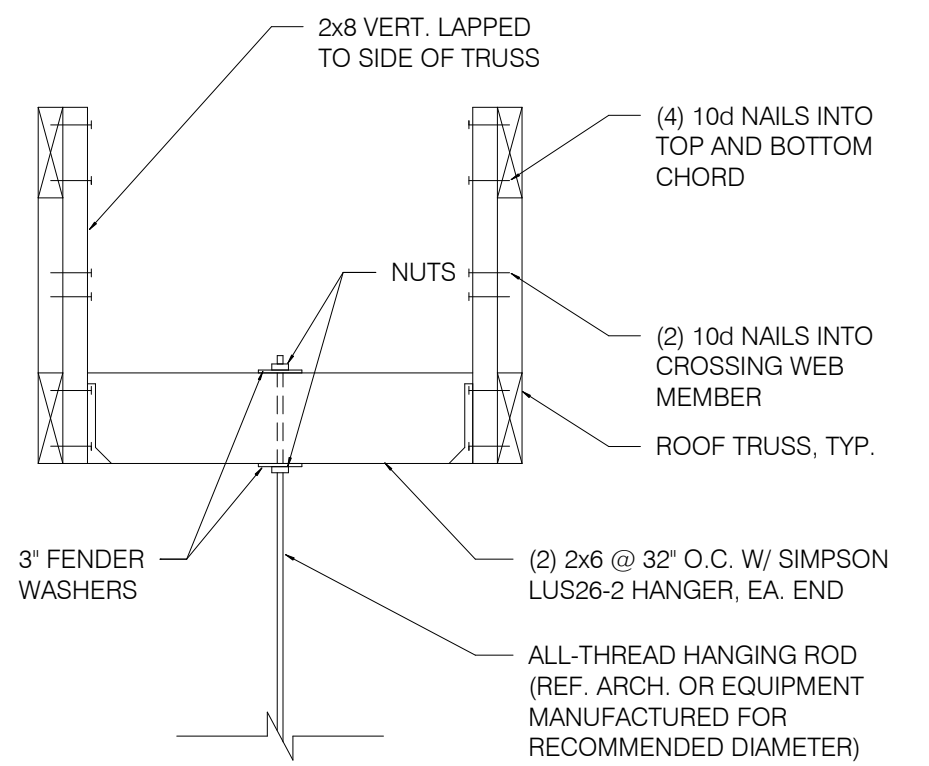
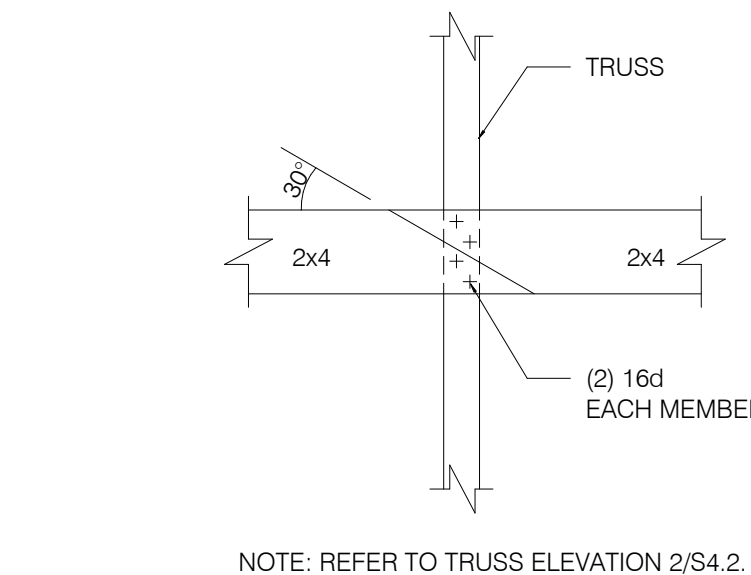


PLATE LAP DETAIL 1" = 1'-0" **16**



HANGING BULKHD. OR HOOD DETL. N.T.S. **13**



BRIDGING LAP DETAIL AT OPEN CLG. N.T.S. **9**

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. 80FT
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RB
JOB NO.: 2021088.54

TACO BELL

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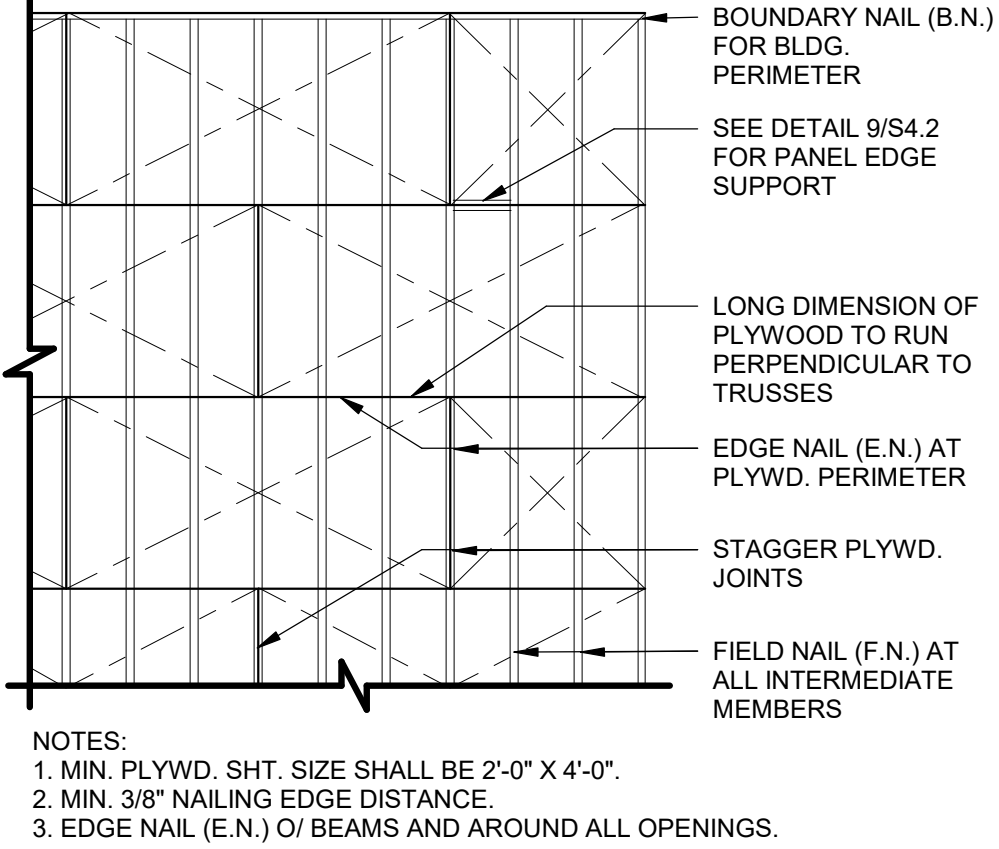


ENDEAVOR 2.0
STRUCTURAL
DETAILS

S4.1

PLOT DATE: 9/27/2022 10:02:13 AM

CONNECTION:	NAILING:
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-10d)
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 @ 16" 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 SPACE)
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 & AT EACH SPACE)



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

ROOF NAILING PLAN N.T.S.

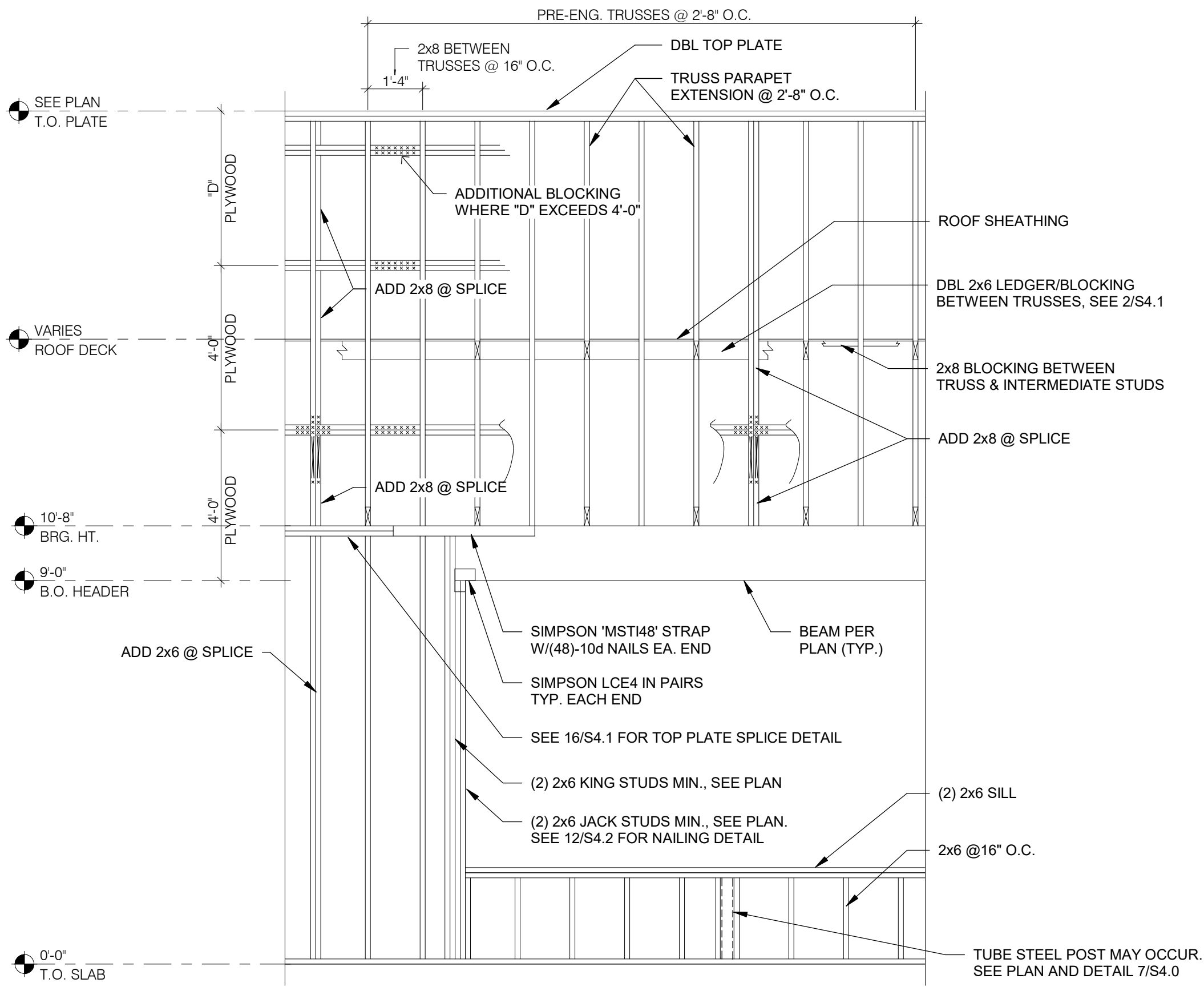
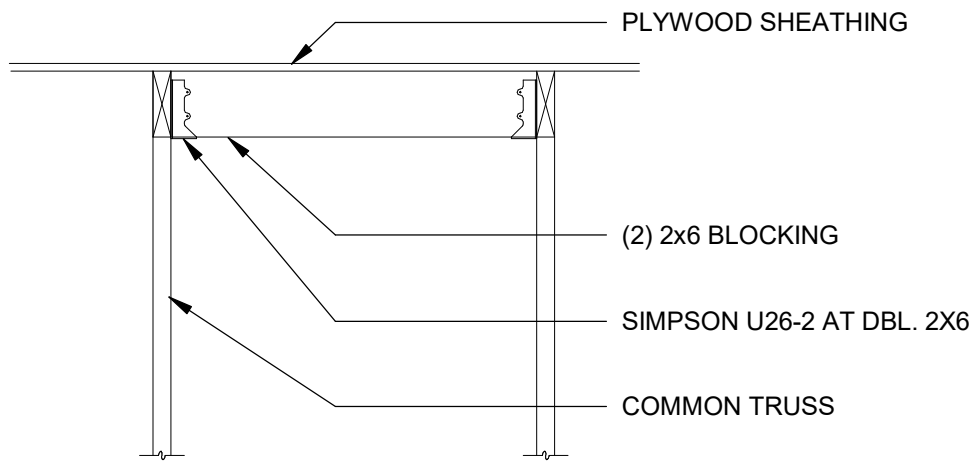
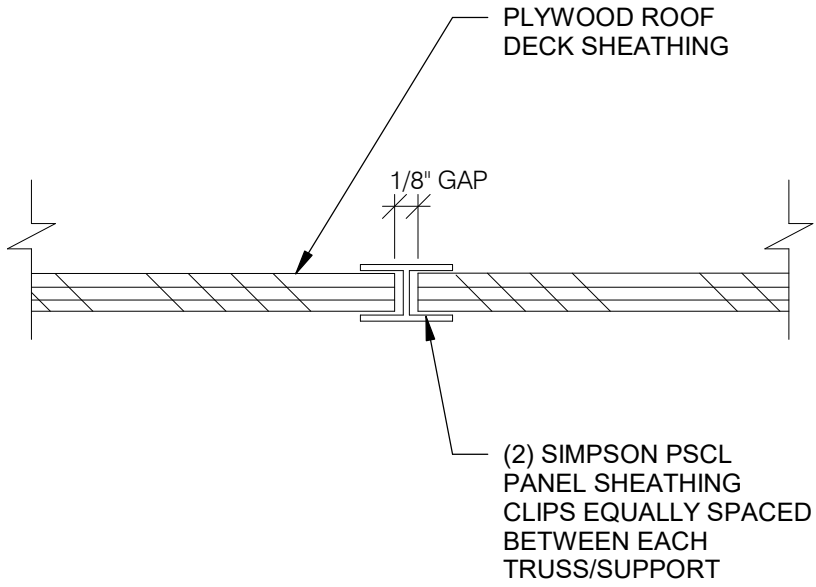
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ROOF TOP EQUIPMENT WEIGHTS 1" = 1'-0"

5

EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	* SEE PLAN
HVAC UNIT - RTU-2	* SEE PLAN
EXHAUST FAN - EF-1	* 200 lbs.
EXHAUST FAN - EF-2	* 70 lbs.
HOOD #1 - TACO BELL	400 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.

* A. ALL DESIGN WEIGHTS INCLUDE CURB.
B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.



NAILING SCHEDULE N.T.S.

11

PLYWOOD EDGE BLOCKING 1" = 1'-0"

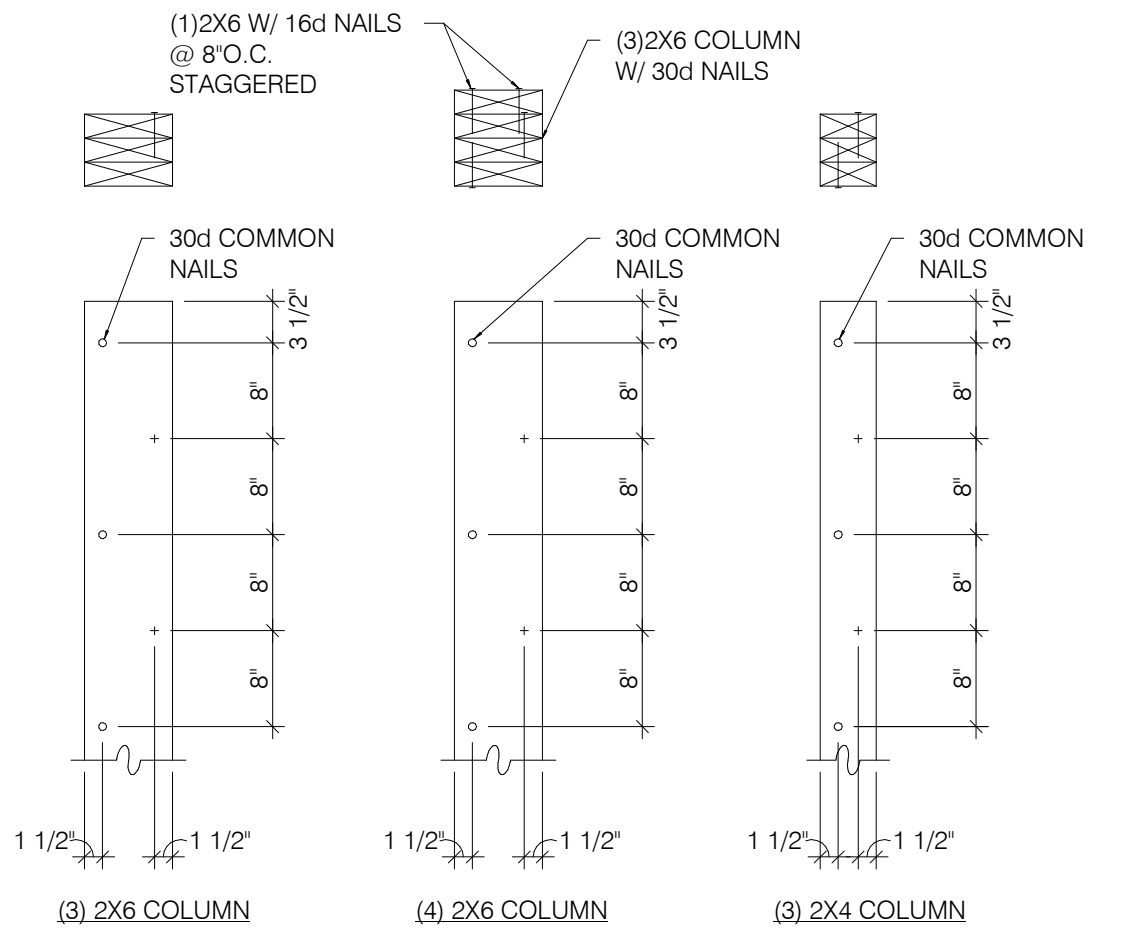
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ROOF OPENING DETAIL 1" = 1'-0"

6

WALL FRAMING DETAIL 1" = 1'-0"

1



BUILT-UP 2X COLUMNS 1" = 1'-0"

12

TYPICAL ROOF OPENING 1" = 1'-0"

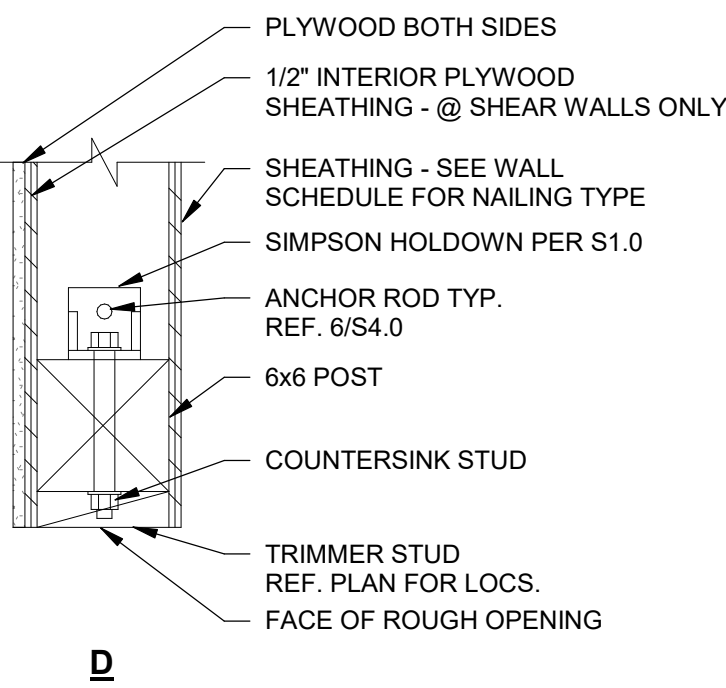
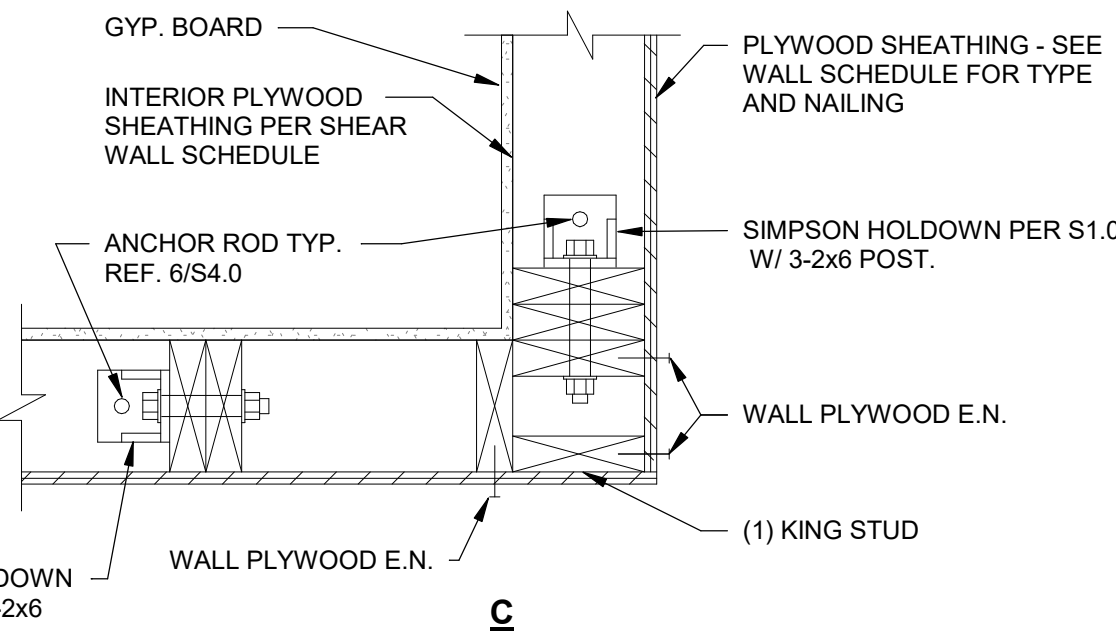
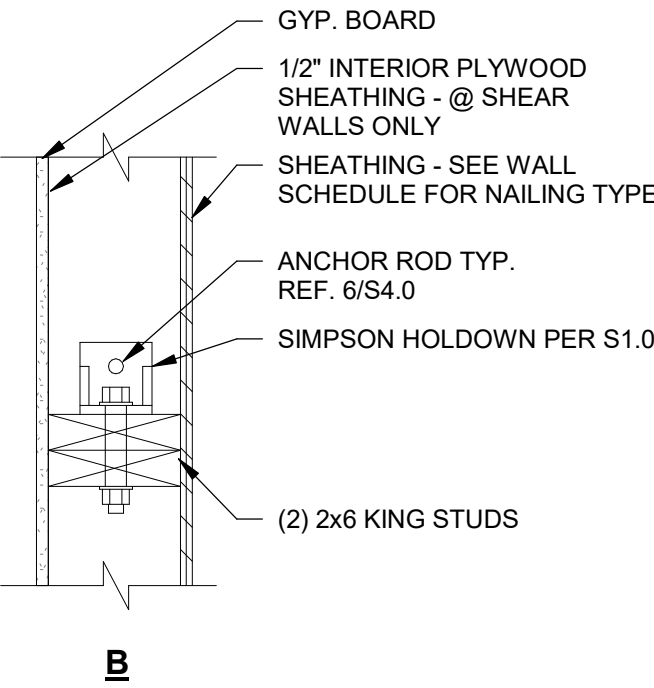
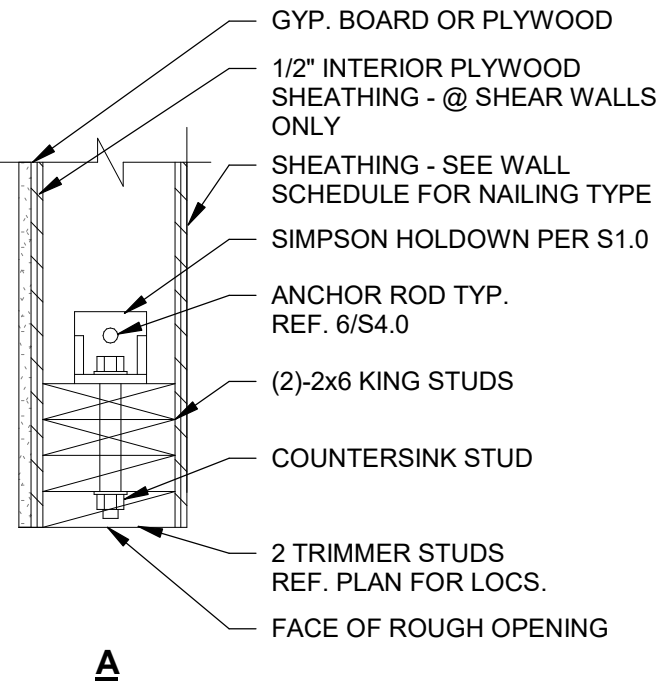
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TRUSS SCHEDULE 1" = 1'-0"

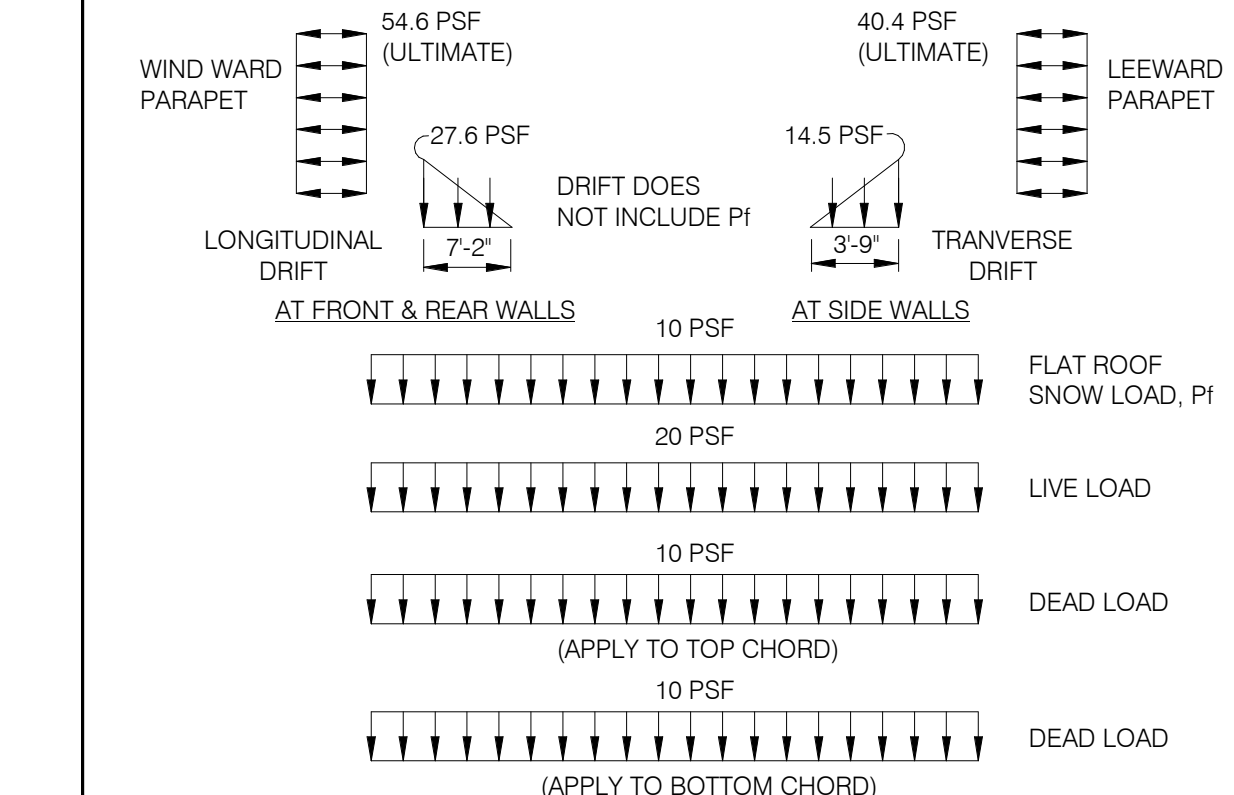
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TRUSS ELEVATION 1" = 1'-0"

2



HOLDOWN DETAILS 1" = 1'-0"



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

TRUSS LOAD DIAGRAMS 1" = 1'-0"

3

	DATE	REMARKS
1	09.27.22	IFB

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TACO BELL

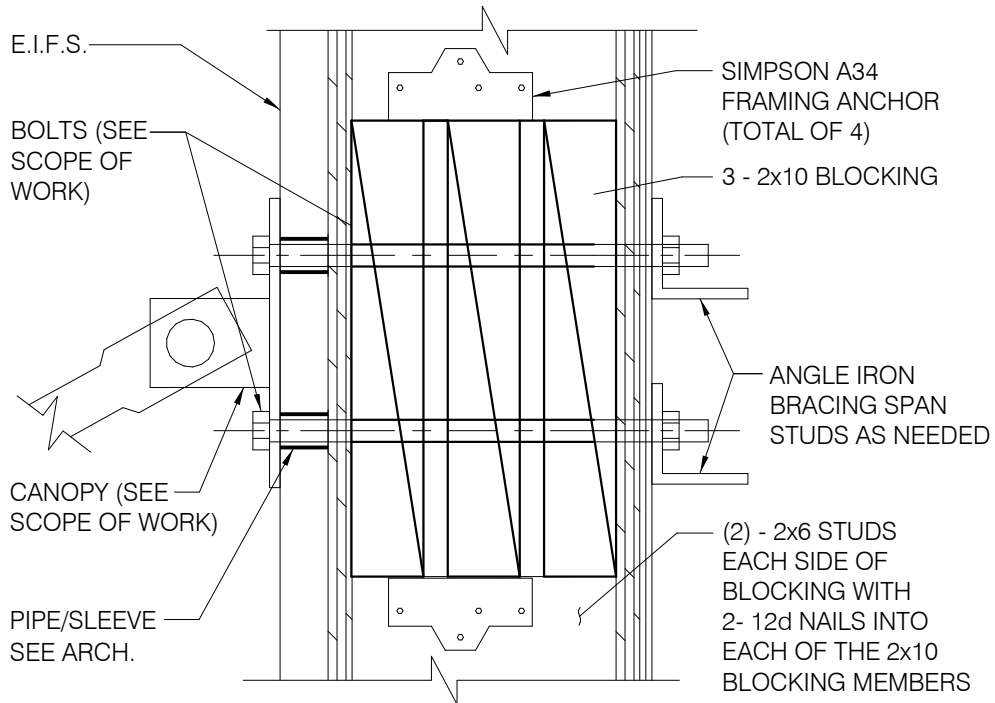
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ENDEAVOR 2.0
STRUCTURAL
DETAILS

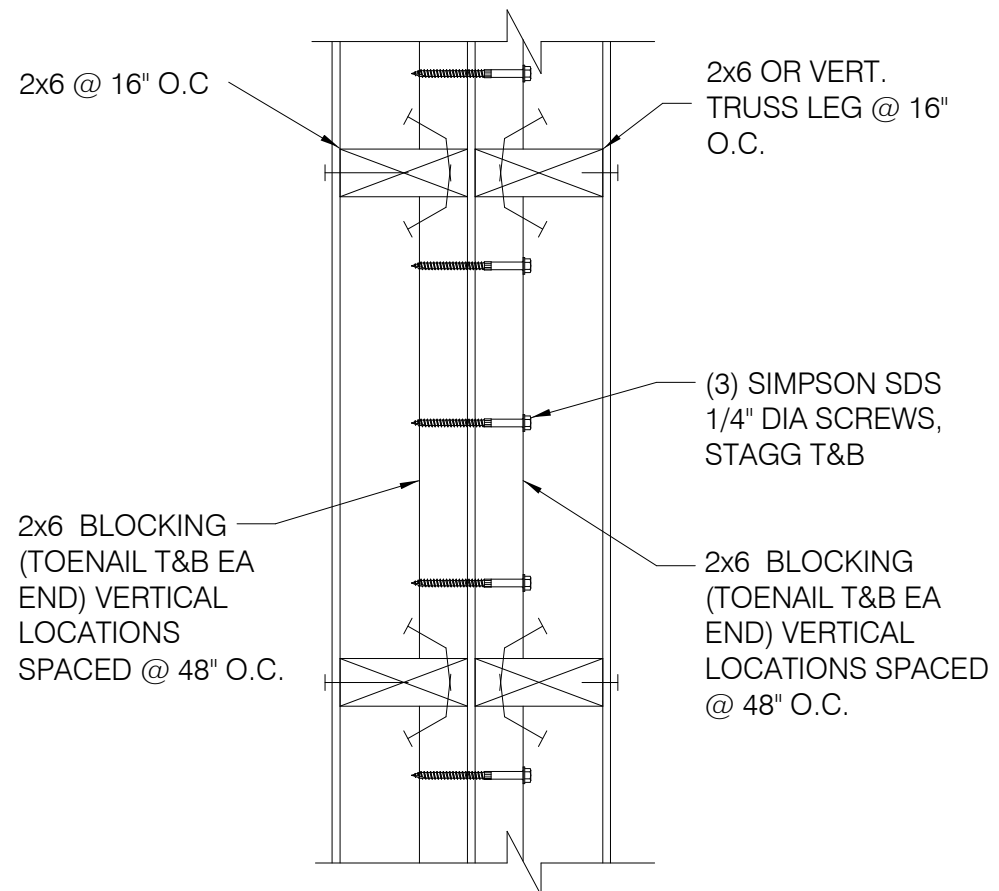
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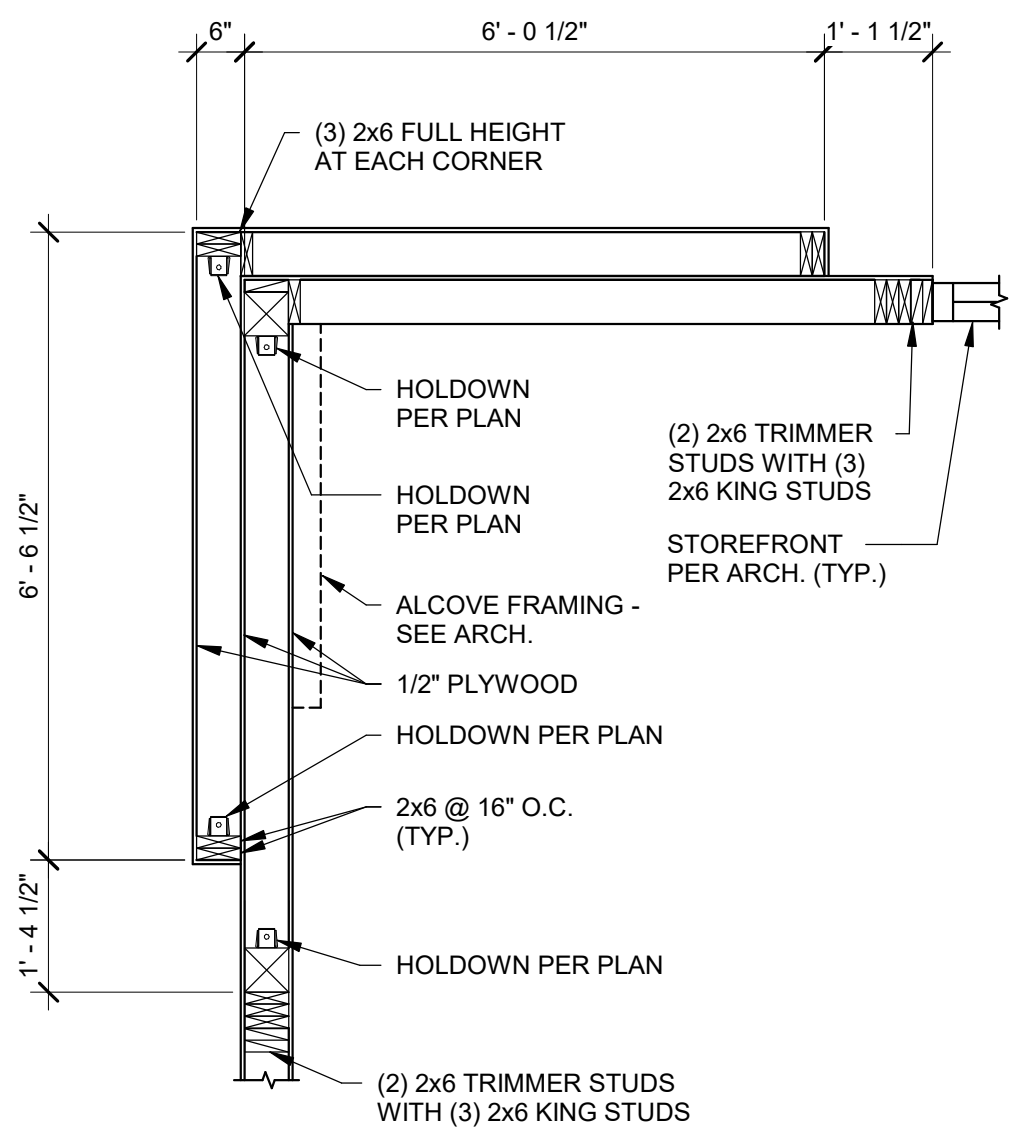
TIE-ROD BLOCKING 3' = 1'-0"

13



WALL DETAIL (PLAN VIEW)

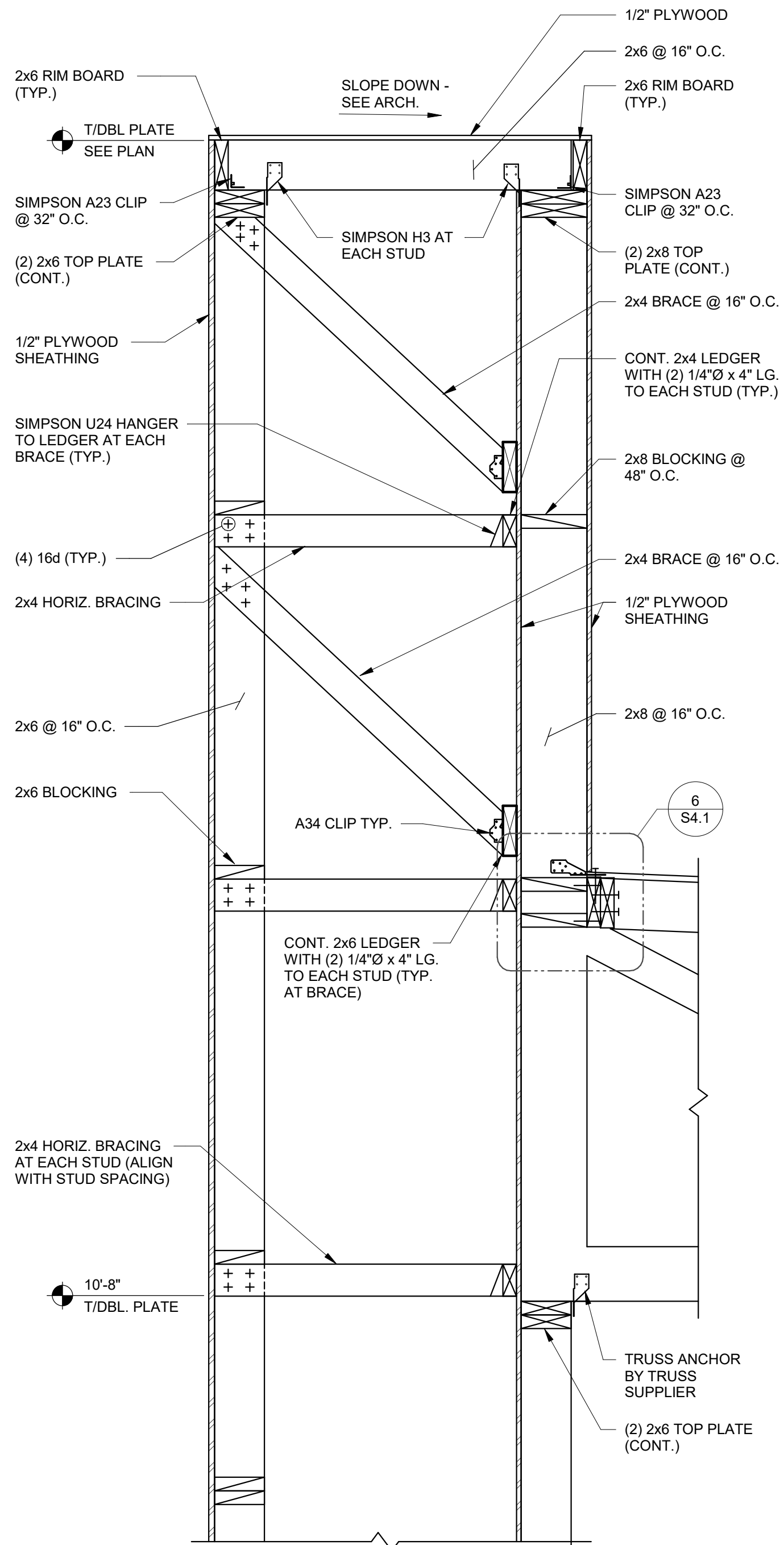
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PLAN VIEW

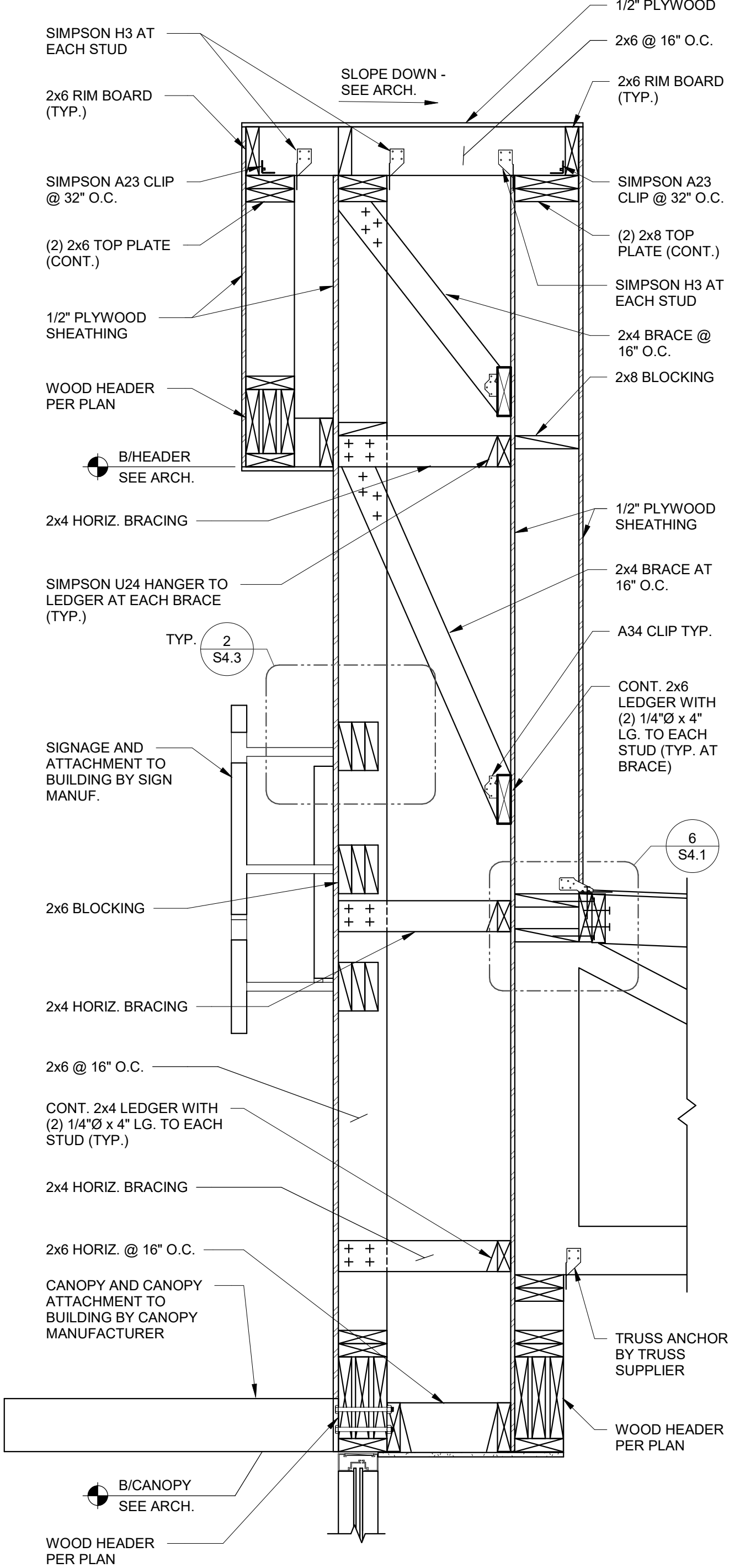
FRONT TOWER FRAMING 1/2" = 1'-0"

20



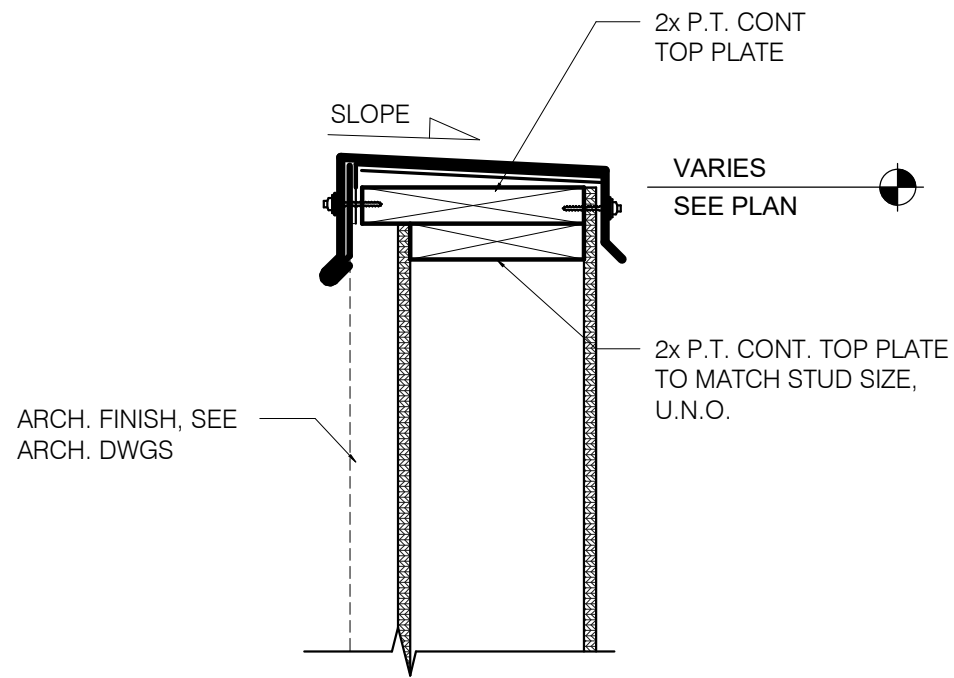
SECTION AT SIDE TOWER 1" = 1'-0"

12



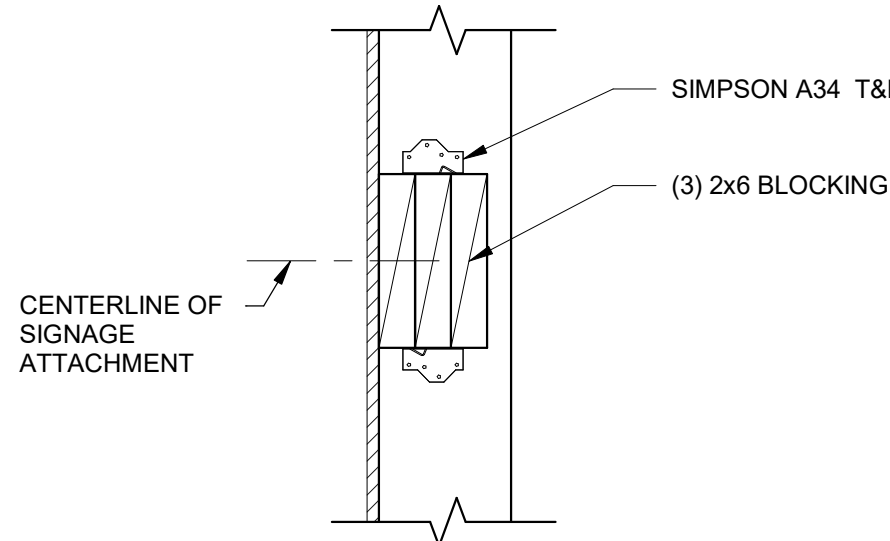
SIDE ENTRY TOWER FRAMING 1" = 1'-0"

6



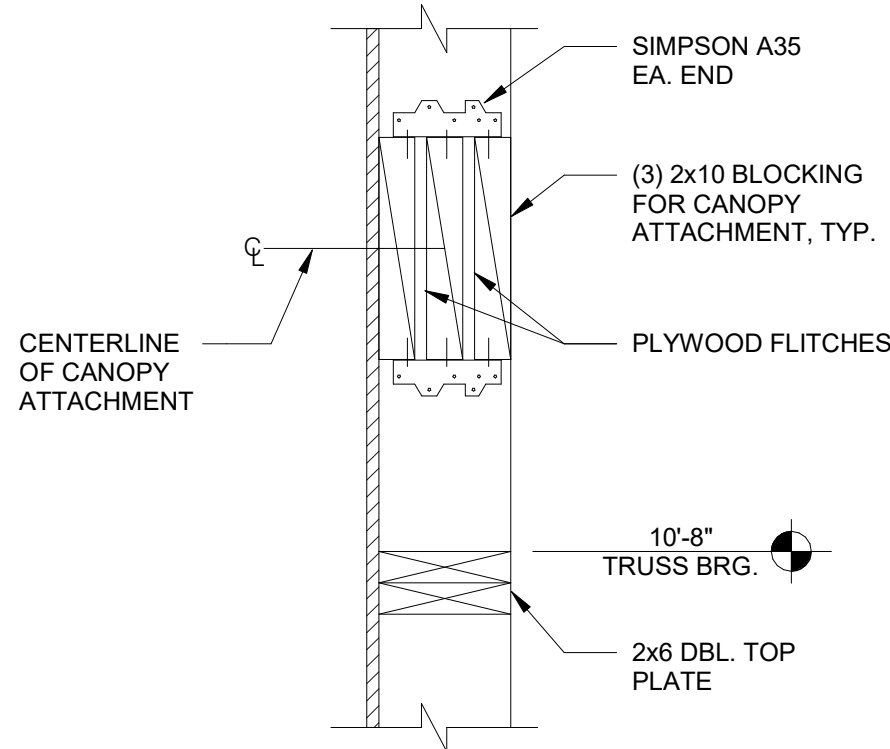
TYPICAL PARAPET CAP 1 1/2" = 1'-0"

1



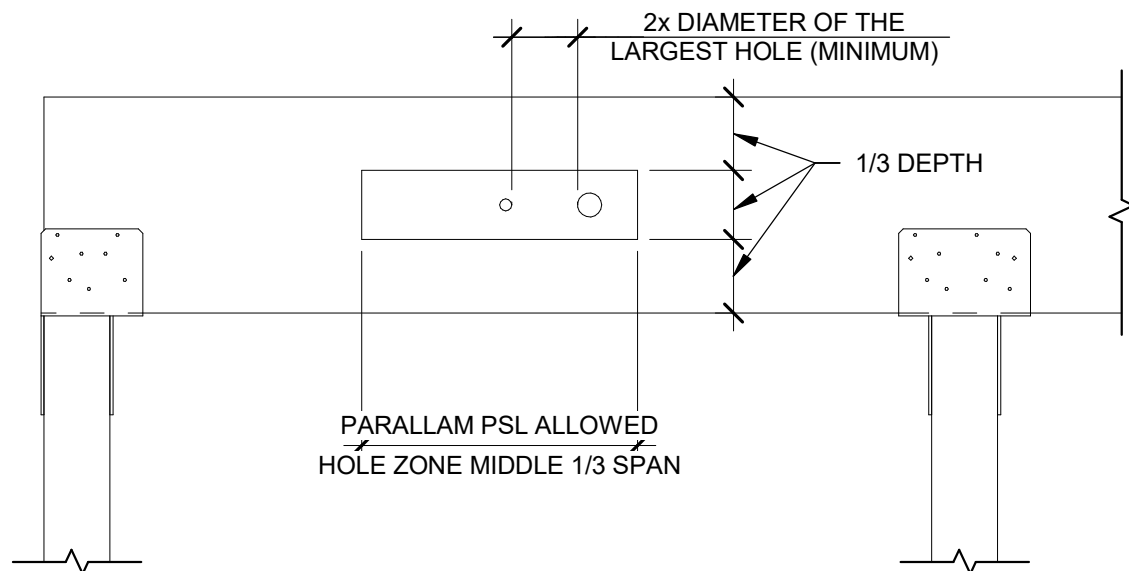
SIGNAGE & TOWER PANEL ATTACHMENT BLOCKING DETAIL 1 1/2" = 1'-0"

2



CANOPY TIE BACK BLOCKING DETAIL 12" = 1'-0"

3



NOTES:
ALLOWED HOLE SIZE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADS ONLY.
ROUND HOLES ONLY.
NO HOLES IN CANTILEVERS.
NO HOLES IN HEADERS OR BEAMS ORIENTATED FLATWISE.

HEADER OR BEAM DEPTH	MAXIMUM ROUND HOLE SIZE
4 3/8"	1"
5 1/2"	1 3/4"
7 1/4"-20"	2"

PSL BEAM PENETRATION DETAIL 3/4" = 1'-0"

4

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. 80FT
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: RB
JOB NO.: 2021088.54

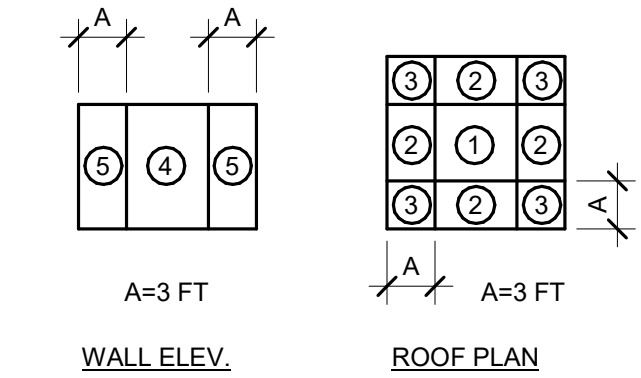
TACO BELL

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ENDEAVOR 2.0
STRUCTURAL
DETAILS

S4.3

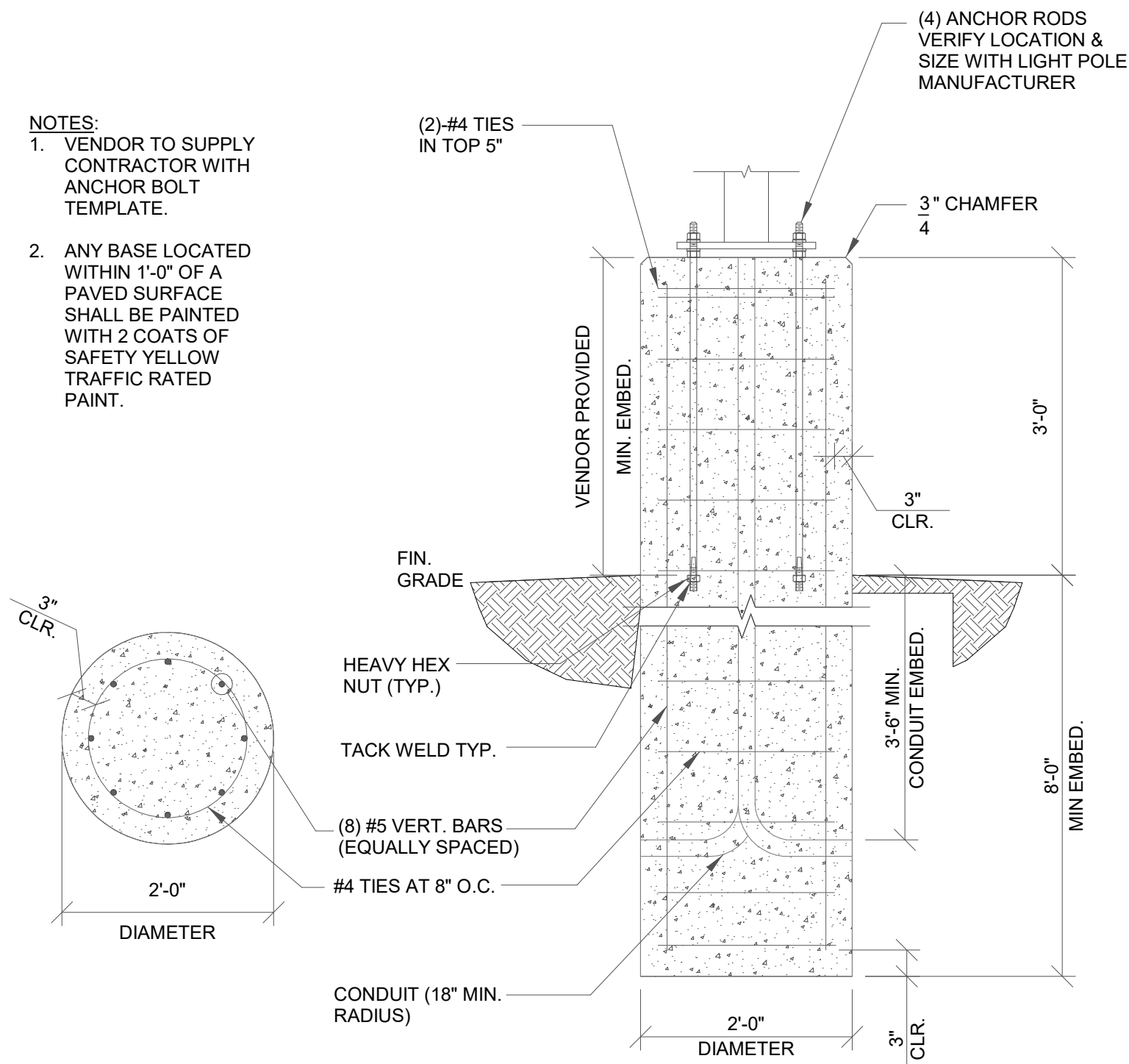


EFFECTIVE WIND AREA (SQ. FT.)	ROOF			WALL	
	CORNER ZONE (PSF)	END ZONE (PSF)	INTERIOR ZONE (PSF)	END ZONE (PSF)	INTERIOR ZONE (PSF)
<=10	+16.0/-72.7	+16.0/-48.3	+16.0/-28.8	+28.8/-38.6	+28.8/-31.2
20	+16.0/-60.2	+16.0/-43.2	+16.0/-28.0	+27.4/-35.9	+27.4/-29.8
50	+16.0/-43.6	+16.0/-36.4	+16.0/-27.1	+25.7/-32.5	+25.7/-28.1
100	+16.0/-31.2	+16.0/-31.2	+16.0/-26.3	+24.4/-29.8	+24.4/-29.8
>=500	+16.0/-31.2	+16.0/-31.2	+16.0/-26.3	+24.4/-29.8	+24.4/-29.8

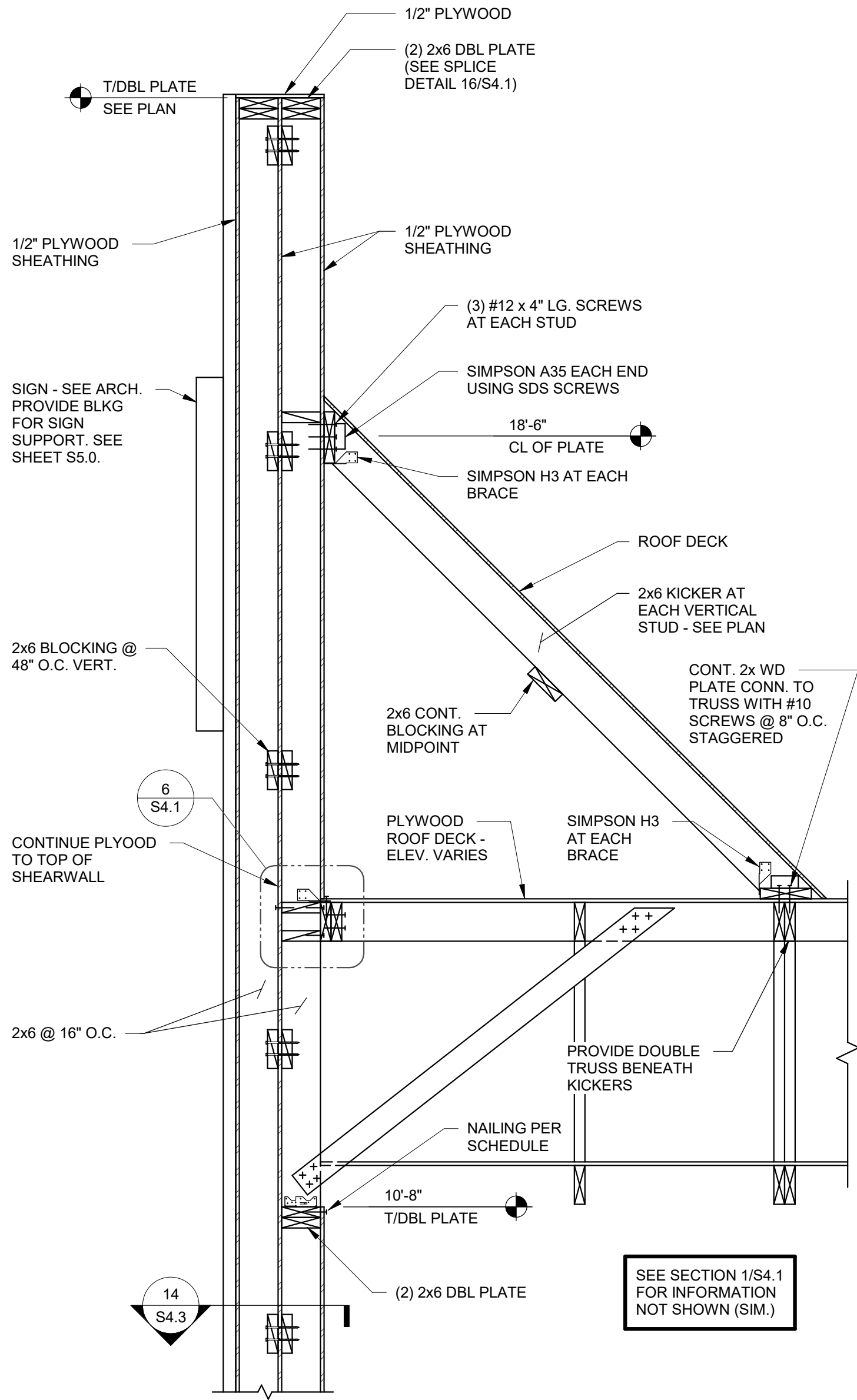
ULTIMATE WIND PRESSURES GIVEN.
± INDICATES PRESSURE ACTING TOWARDS/AWAY FROM SURFACE.

WIND LOAD TABLE 12" = 1'-0" 4

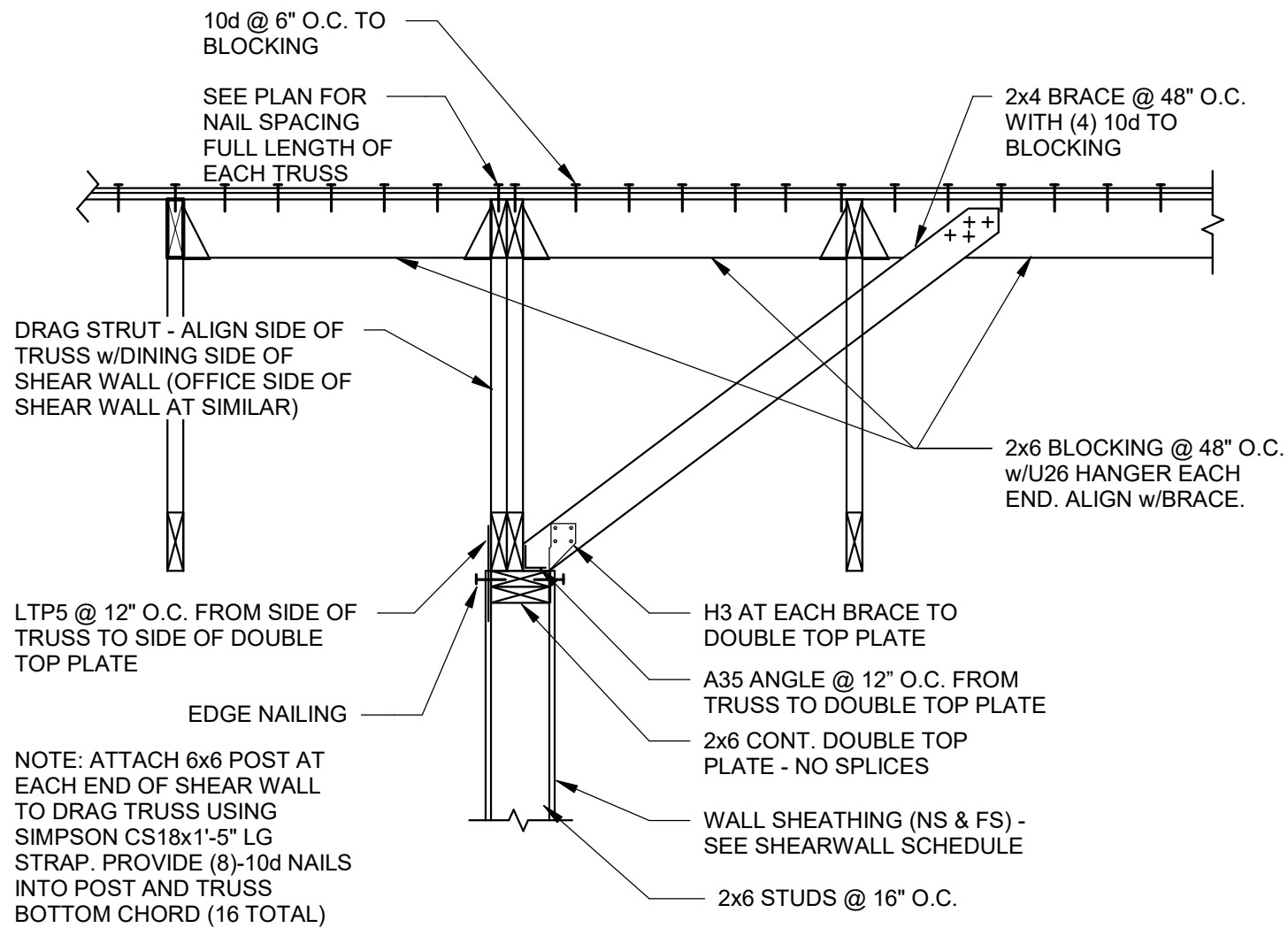
- NOTES:
- VENDOR TO SUPPLY CONTRACTOR WITH ANCHOR BOLT TEMPLATE.
 - ANY BASE LOCATED WITHIN 1'-0" OF A PAVED SURFACE SHALL BE PAINTED WITH 2 COATS OF SAFETY YELLOW TRAFFIC RATED PAINT.



LIGHT POLE FOUNDATION DETAIL 3/4" = 1'-0" 3



FRONT TOWER SECTION 3/4" = 1'-0" 1



INTERIOR SHEAR WALL 3/4" = 1'-0" 2

	DATE	REMARKS
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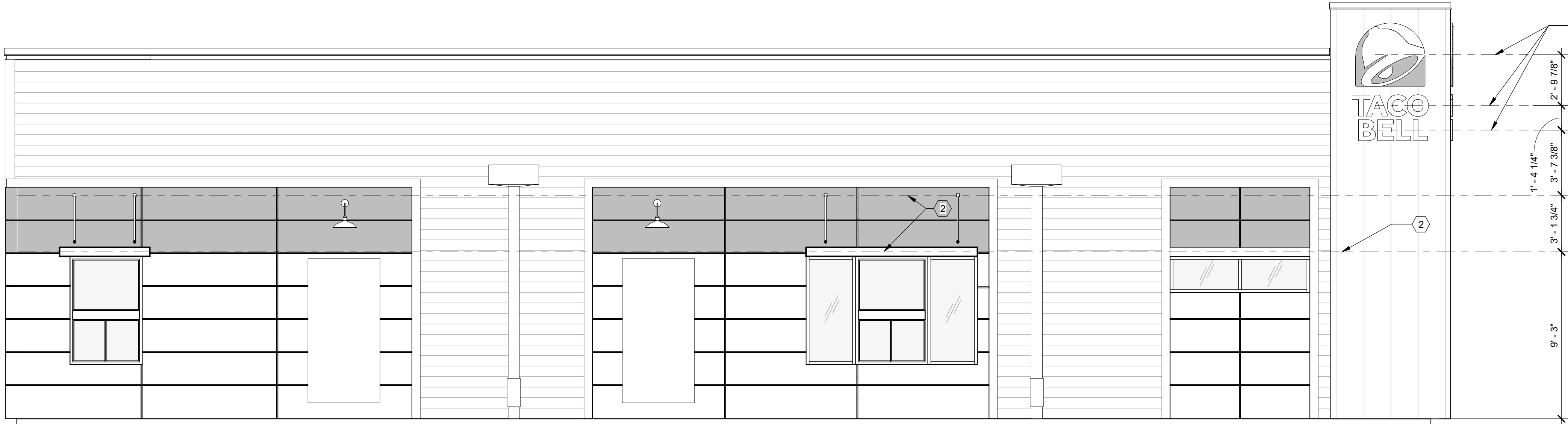
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ENDEAVOR 2.0
STRUCTURAL
SECTIONS

S4.4

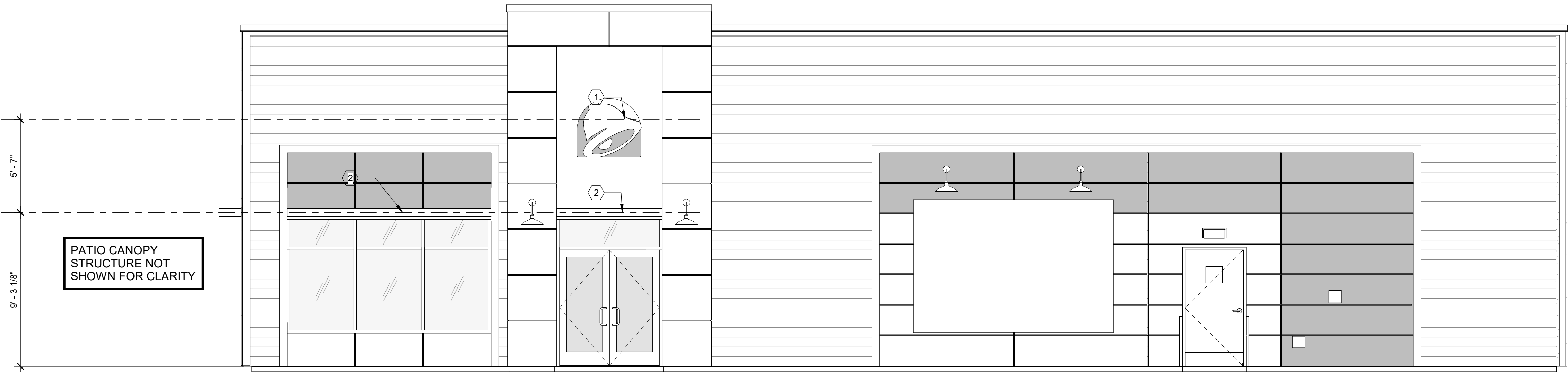


COORDINATE BLOCKING
REQUIREMENTS WITH
MANUFACTURER

SOUTH ELEVATION

1/4" = 1'-0"

A



PATIO CANOPY
STRUCTURE NOT
SHOWN FOR CLARITY

NORTH ELEVATION

1/4" = 1'-0"

B

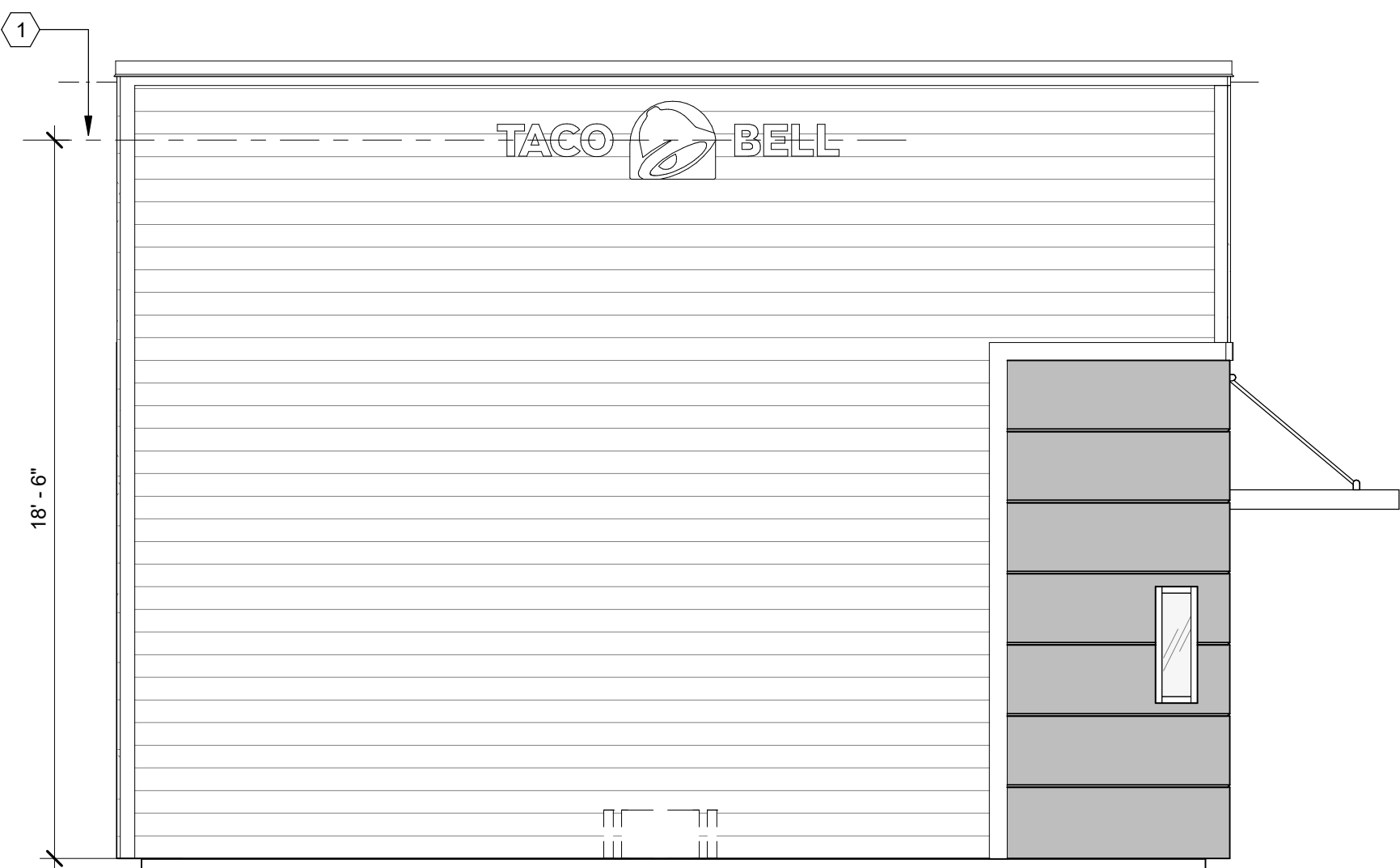


PATIO CANOPY
STRUCTURE NOT
SHOWN FOR CLARITY

EAST ELEVATION

1/4" = 1'-0"

F



WEST ELEVATION

1/4" = 1'-0"

E

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

KEY NOTES

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 SIGNS, AWNINGS, AND CANOPIES. ADDITIONAL BLOCKING IS REQUIRED FOR OTHER ITEMS AS SHOWN ON OTHER DRAWINGS.

GENERAL NOTES

D

DATE	REMARKS
1 09.27.22	IFB

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TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



**ENDEAVOR 2.0
CANOPY/AWNING
BLOCKING
ELEVATIONS**

S5.0

PLOT DATE: 9/27/2022 10:02:16 AM

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

HVAC:

- INSTALLATION SHALL CONFORM TO MECHANICAL AND ENERGY CODES FOR NEW NONRESIDENTIAL BUILDINGS.
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- E.C. SHALL PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS. REFER TO SHEETS E3.0 - ELECTRICAL POWER PLAN, SHEET E3.2-ELECTRICAL POWER ROOF PLAN, E6.0 - ELECTRICAL DETAILS - TBCCB, E6.1 - ELECTRICAL DETAILS - TBCCB, E7.0 - ELECTRICAL DETAILS, E7.1 - ELECTRICAL DETAILS.
- PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS SHEETS E6.1 AND E7.1 FOR ADDITIONAL LOW VOLTAGE WIRING AND CONNECTIONS.
- PROVIDE ALL REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF AND CHARGE LINES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED. ALL RETURN AND SUPPLY DUCT RISERS SHALL BE LINED (NOT WRAPPED).
- SUPPLY / RETURN DUCTS SHALL BE RIGID (EXCEPT AS NOTED/INDICATED AS RIGID ON THE DUCT PLAN), WITH THE EXCEPTION OF THE LAST 5'-0", WHICH MAY UTILIZE FLEXIBLE DUCT. ALL EXHAUST DUCT SHALL BE RIGID.
- ROOFTOP UNITS SHALL BE ORDERED WITH FACTORY SUPPLIED AND INSTALLED RETURN SMOKE DETECTORS. WHEN REQUIRED BY MANUFACTURER, SAMPLE TUBE SHALL BE LOCATED PER FIELD INSTALLATION INSTRUCTIONS. DETECTOR SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SUPPLY SMOKE DETECTOR ONLY IF REQUIRED BY LOCAL CODE.
- HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. PROVIDE TRANSITION AT TERMINATION OF TYPE 1 EXHAUST DUCT TO TOP OF FAN BASE. TRANSITION SHALL BE CENTERED AND HAVE MINIMUM OF 1" PER FOOT SLOPE.
- BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT BRANCH FEEDER. DAMPER SHALL BE MINIMUM 26 GAUGE LOCATED IN DEDICATED SLEEVE WITH AXLE AND LOCKING QUADRANT. DAMPERS SHALL NOT BE INSTALLED IN STARTER COLLARS. ALL DAMPER HANDLES SHALL HAVE A FLAG ON THE HANDLE FOR LOCATION PURPOSES.
- OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND VENTS.
- SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION. CERTIFICATE OF OCCUPANCY, BUILDING FINAL, ETC.
- FINAL HVAC SYSTEM TESTING AND BALANCING, AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT. INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER IS SCHEDULED AND PAID FOR (FRANCHISEE STORES) BY GENERAL CONTRACTOR (CORPORATE STORES ARE DIRECT BILLED TO TACO BELL). CONTRACTOR SHALL CERTIFY COMPLETION OF INSTALLATION, START UP AND PRE-COMMISSIONING CHECKLIST SHOWN ON SHEET SW2.0 BEFORE SCHEDULING OWNER'S INDEPENDENT AGENT. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENTS ARRIVAL, EQUIPMENT NOT WIRED, COMPLETED, STARTED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST SHALL BE INCURRED BY THE GENERAL CONTRACTOR.

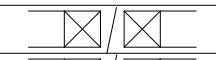

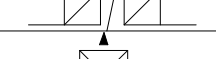
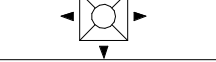
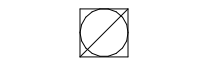
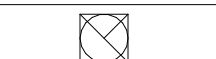
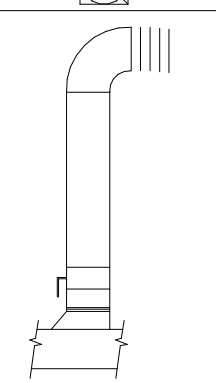
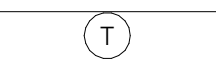
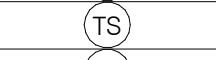

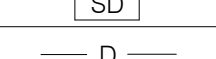
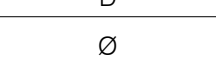
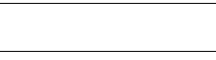
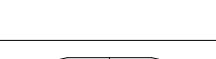
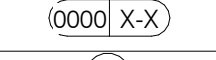

INDEPENDENT AGENTS:

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

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

MECHANICAL NOTES

6

SYMBOL & ABBREV.	DESCRIPTION
	SA/SUP SUPPLY AIR (RISE/DROP)
	RA/RET RETURN AIR DUCT (RISE/DROP)
	EA/EXH EXHAUST AIR DUCT (RISE/DROP)
	CD/SR CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)
	RR/RG RETURN REGISTER/GRILLE
	ER/EG EXHAUST REGISTER/GRILLE
	FLEX FLEXIBLE DUCT (14'-0" MAXIMUM)
	ROUND DUCT ELBOW
	ROUND DUCTWORK
	MCD MANUAL VOLUME DAMPER
	DUCT TRANSITION (RECTANGULAR TO ROUND)
	T-STAT PROGRAMMABLE THERMOSTAT, PROVIDED WITH HVAC PACKAGE
	THERMOSTAT SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	HUMIDITY SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	SMOKE DETECTOR, PROVIDED WITH HVAC PACKAGE, MOUNTED IN UNIT
	D CONDENSATE DRAIN
	DIA. DIAMETER
	MECHANICAL EQUIPMENT DESIGNATION
	R RESET SMOKE DETECTOR RESET

SYMBOL & ABBREV.	DESCRIPTION
A/C, AC	AIR CONDITIONING
A.F.F.	ABOVE FINISHED FLOOR
BDD	BACK DRAFT DAMPER
CB	CIRCUIT BREAKER
CLG.	CEILING
CONN.	CONNECT/CONNECTION
CONT.	CONTINUATION
CFM	CUBIC FEET PER MINUTE
DISC.	DISCONNECT
EA	EXHAUST AIR
EF	EXHAUST FAN
(E)	EXISTING
GA.	GAGE/GAUGE
GC	GENERAL CONTRACTOR
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
MFR.	MANUFACTURER
MECH.	MECHANICAL
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
RA	RETURN AIR
SA	SUPPLY AIR
S/S	STAINLESS STEEL
TYP.	TYPICAL

MECHANICAL SYMBOLS

7

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

MARK	AREA SERVED	FAN DATA					COOLING CAPACITY			HEATING CAPACITY			ELECTRICAL DATA				WEIGHT (LBS.)	MODEL	NOTES
		SUPPLY CFM	MIN. OA CFM	ESP	HP	RPM	NOMINAL TONS	MIN CAP (MBH) TOT/SEN	MIN EER	INPUT (MBH)	OUTPUT (MBH)	HEATING STAGES	AFUE %	VOLTS/ PH	MCA (A)	MOCP (A)			
RTU-1	DINING	3000	675	1.0	2	931	7.5	92.2/64.5	12.5	130	104	2	80	208/3	42	50	1440	LGH092H4BS	1,2,3,4,5,6,7,8,9,10,11,12,13,14
RTU-2	KITCHEN	5000	1125	1.0	5	1135	12.5	152.8/106.9	10.8	180	144	2	80	208/3	71	90	1500	LGH150H4BM	1,2,3,4,5,6,7,8,9,10,11,12,13,14

SCHEDULE NOTES:

- LISTED CAPACITY IS THE UNITS NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 - 80.1°F DB / 67.7°F WB EAT AND 95°F AMBIENT / RTU-2 - 79.6°F DB / 67.5°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 95°F & 74°F WB, WINTER 18°F. THERMOSTAT SHALL BE PROGRAMMED FOR 73°F IN SUMMER AND 68°F IN WINTER WITH 2°F ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60°F MINIMUM. SPECIFIED UNITS INCLUDE MINIMUM 2 STAGE COOLING, LOW AMBIENT CONTROL TO 0 DEG. F AND THROUGH THE ROOF CURB CURB GAS AND POWER CONNECTIONS..
- HINGED ACCESS DOORS (FACTORY PROVIDED).
- 2 INCH MERV 8 FILTER (FACTORY PROVIDED).
- SINGLE ENTHALPY ECONOMIZER/HOOD (FACTORY PROVIDED).
- HIGH PERF ECONOMIZER (FACTORY PROVIDED).
- STANDARD STATIC POWER RELIEF/HOOD (FACTORY PROVIDED).
- UNIT MOUNTED DISCONNECT SWITCH (FACTORY PROVIDED).
- RETURN AIR SMOKE DETECTOR (FACTORY PROVIDED).
- PHASE MONITOR (FACTORY PROVIDED).
- CONSTANT AIR VOLUME (FACTORY PROVIDED).
- 14" ROOF CURB (FIELD INSTALLED).
- COMFORT SENSE 7500 THERMOSTAT (FIELD INSTALLED).
- GFCI (FIELD WIRED, FACTORY INSTALLED).
- PROVIDE HOT GAS REHEAT. HUMIDITY SENSOR TO BE MOUNTED IN THE RETURN AIR AT THE UNIT.

HVAC UNIT SCHEDULE

1

Mark	FAN DATA					VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES
	CFM	ESP	RPM	HP						
EF-1	1050	0.9	1344	1/2	120/1	DIRECT	STRATOVENT	#SVDU50HFA		1,3,5,6,7,8,10
EF-2	570	0.375	1025	1/4	120/1	DIRECT	STRATOVENT	#SVDR30HFA		2,4,7,8,9,10,11

SCHEDULE NOTES:

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

EXHAUST FAN SCHEDULE

2

MARK	NECK SIZE	FACE SIZE OR GRID SIZE	(NO.) & AIR PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
E-1	8"X8"	12"x12"	-	EXHAUST	200	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5S-1/ 50F	FRN SQR TO RND ADAPTER
E-2	8"DIA	24"x24"	-	EXHAUST	300	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB/50F-NT	FRN SQR TO RND ADAPTER
R-1	22"X22"	24"x24"	-	RETURN	2500	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	RHE-6/50FF	HINGED/FULLY REMOVABLE FACE
S-1	15"X15"	24"x24"	4W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA-NT	FRN SQR TO RND ADAPTER
S-2	9"X9"	14"x14"	4W	SUPPLY	250	SURFACE	ALUMINUM	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQR TO RND ADAPTER
S-4	20"x20"	24x24	4W	SUPPLY	600	LAY-IN	MODULAR PLASTIC CORE	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER

NOTES:

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

AIR DEVICE SCHEDULE

3

ITEM	OA	RA	SA	EA	PRESSURE
EF-1	--	--	--	-1050	-1050
EF-2	--	--	--	-570	-570
RTU-1	675	2325	3000	--	+675
RTU-2	1125	3875	5000	--	+1125
TOTAL	1800	6200	8000	-1620	+180

NOTES:

- OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 22.5% FOR RTU-1 AND RTU-2.
- ADJUST OUTSIDE AIR INTAKES TO MAINTAIN VALUES AT ALL EVAPORATOR FAN SPEEDS.

HVAC NATIONAL ACCOUNT NOTES

5

AIR BALANCE SCHEDULE

4



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Professional Corporation - C3879

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330.572.2100 FAX: 330.572.2102
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DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315647

STORE NUMBER: 458047

PA/PM: SM

DRAWN BY.: DJ

JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES

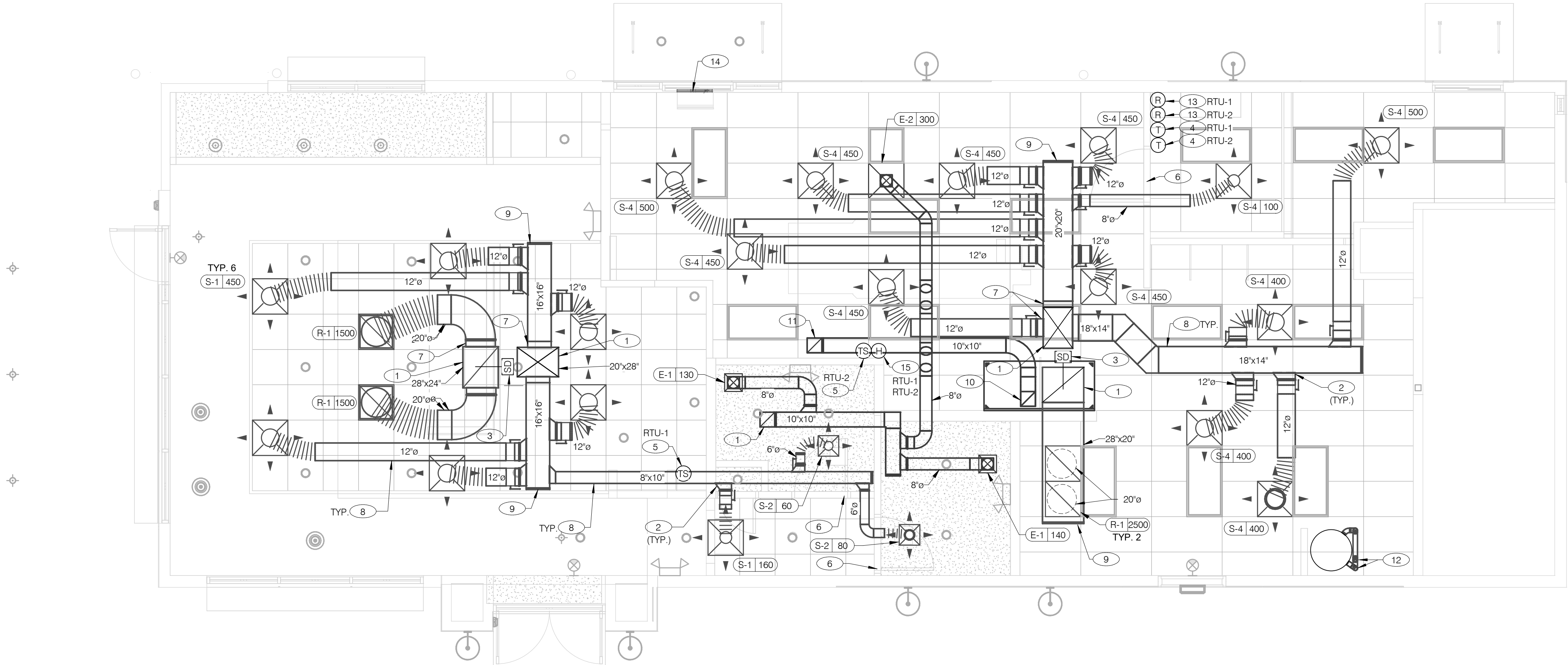
M1.0

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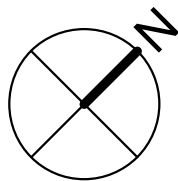


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COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.



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

A

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

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

- PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- PROVIDE SMOKE DETECTOR RESET SWITCH WITH KEY. RESET SWITCH SHALL BE "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURERS REQUIREMENTS.
- PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. AIR CURTAIN SHALL BE BERNER MODEL DTU03-2026A, WITH 120V/1/60 POWER CONNECTION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- HUMIDITY SENSOR (REMOTE). MOUNT HUMIDITY SENSORS FOR RTU-1 & RTU-2 AT EYE LEVEL IN KITCHEN. VERIFY EXACT LOCATION.

GENERAL NOTES - MECHANICAL NTS

C

KEYNOTES - DUCT AND DIFFUSER NTS

B

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: DJ
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



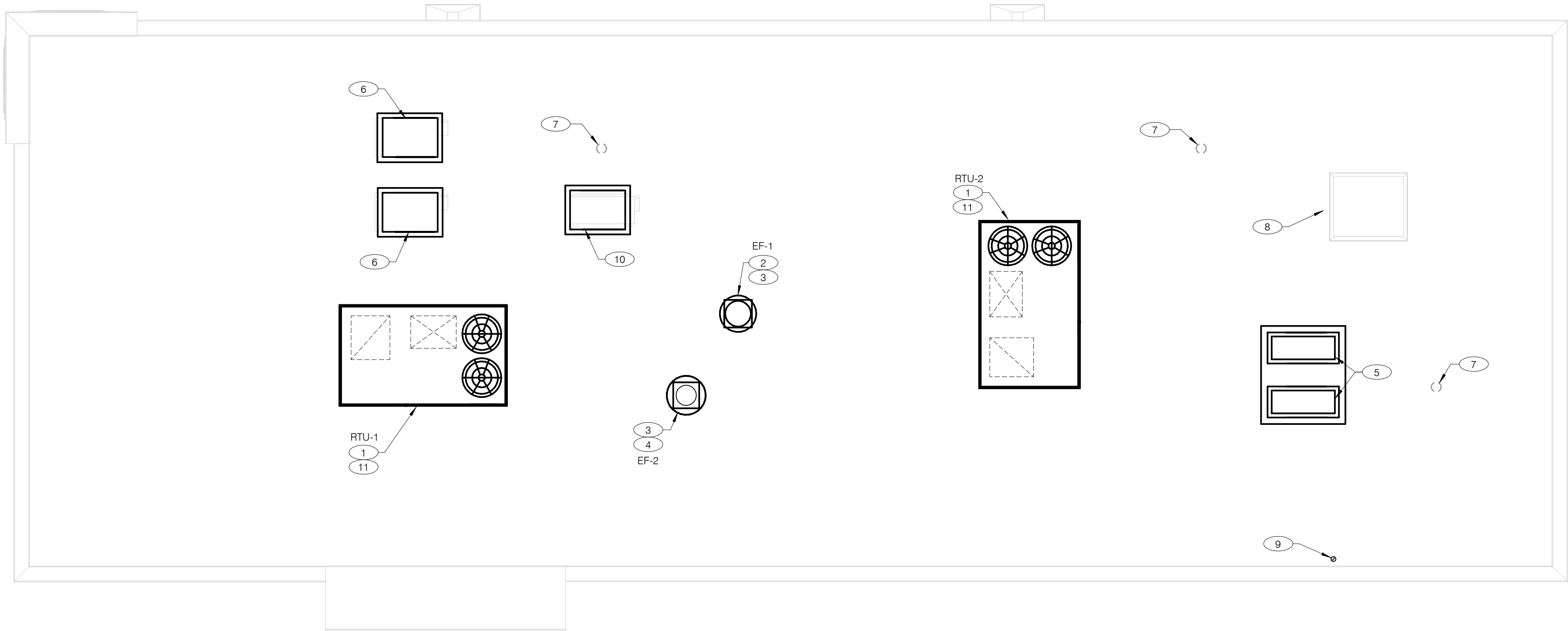
**ENDEAVOR 2.0
DUCT AND
DIFFUSER PLAN**

M2.0

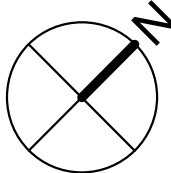
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MECHANICAL ROOF PLAN 1/4" = 1'-0" A

- 1

PROVIDE RTU IN LOCATION AS SHOWN ON PLANS. COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT. MAINTAIN MINIMUM 10'-0" CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND EXHAUST TERMINATIONS.
- 2

PROVIDE TYPE I EXHAUST FAN IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM EXHAUST HOOD UP TO EF-1 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS LAYOUT.
- 3

COORDINATE EXHAUST FAN LOCATION WITH ROOFTOP UNIT. MAINTAIN ROOFTOP UNIT MANUFACTURER'S REQUIRED CLEARANCE AND MINIMUM 10 FT TO ROOFTOP UNITS OUTSIDE AIR INTAKE.
- 4

PROVIDE EXHAUST FAN IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM RESTROOM EXHAUST GRILLES TO EF-2 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS LAYOUT.
- 5

CONDENSING UNIT SERVING WALK-IN COOLER/FREEZER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 6

CONDENSING UNIT SERVING ICE MAKER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 7

PLUMBING VENT. REFERENCE 1/P2.0.
- 8

ROOF HATCH. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- 9

PROVIDE MANUFACTURER'S CONCENTRIC TERMINATION VENT KIT SERVING HOT WATER HEATER BELOW. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ENSURE AT LEAST 10'-0" DISTANCE BETWEEN OUTDOOR AIR INTAKES.
- 10

CONDENSING UNIT SERVING FROZEN BEVERAGE MACHINE. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 11

ALL UTILITY PIPING FOR RTU'S SHALL RUN UP THROUGH ROOF INSIDE EACH UNITS ROOF CURB.

KEYNOTES - MECHANICAL ROOF PLAN NTS

B

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	DJ
JOB NO.:	2021088.54

TACO BELL

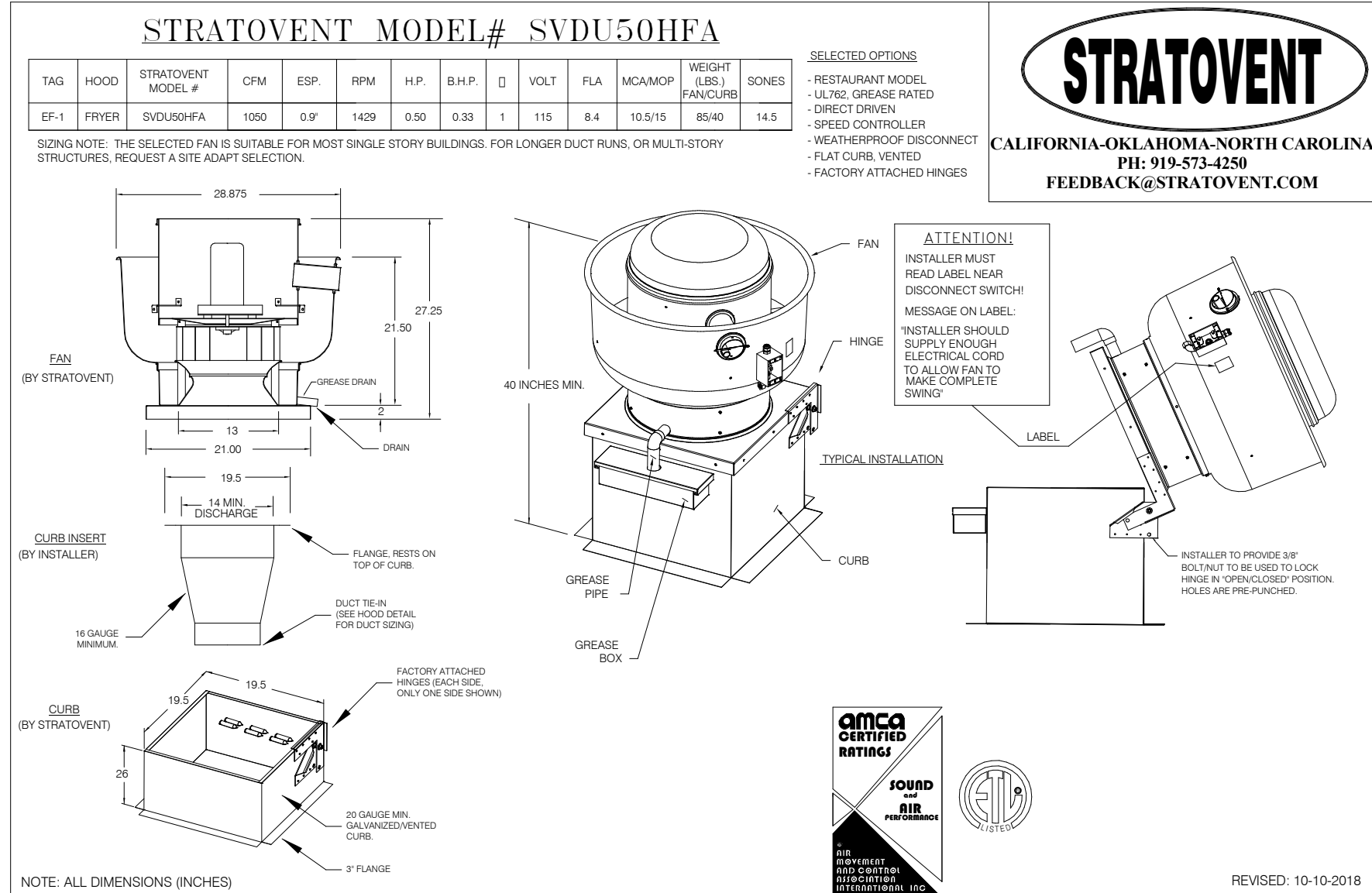
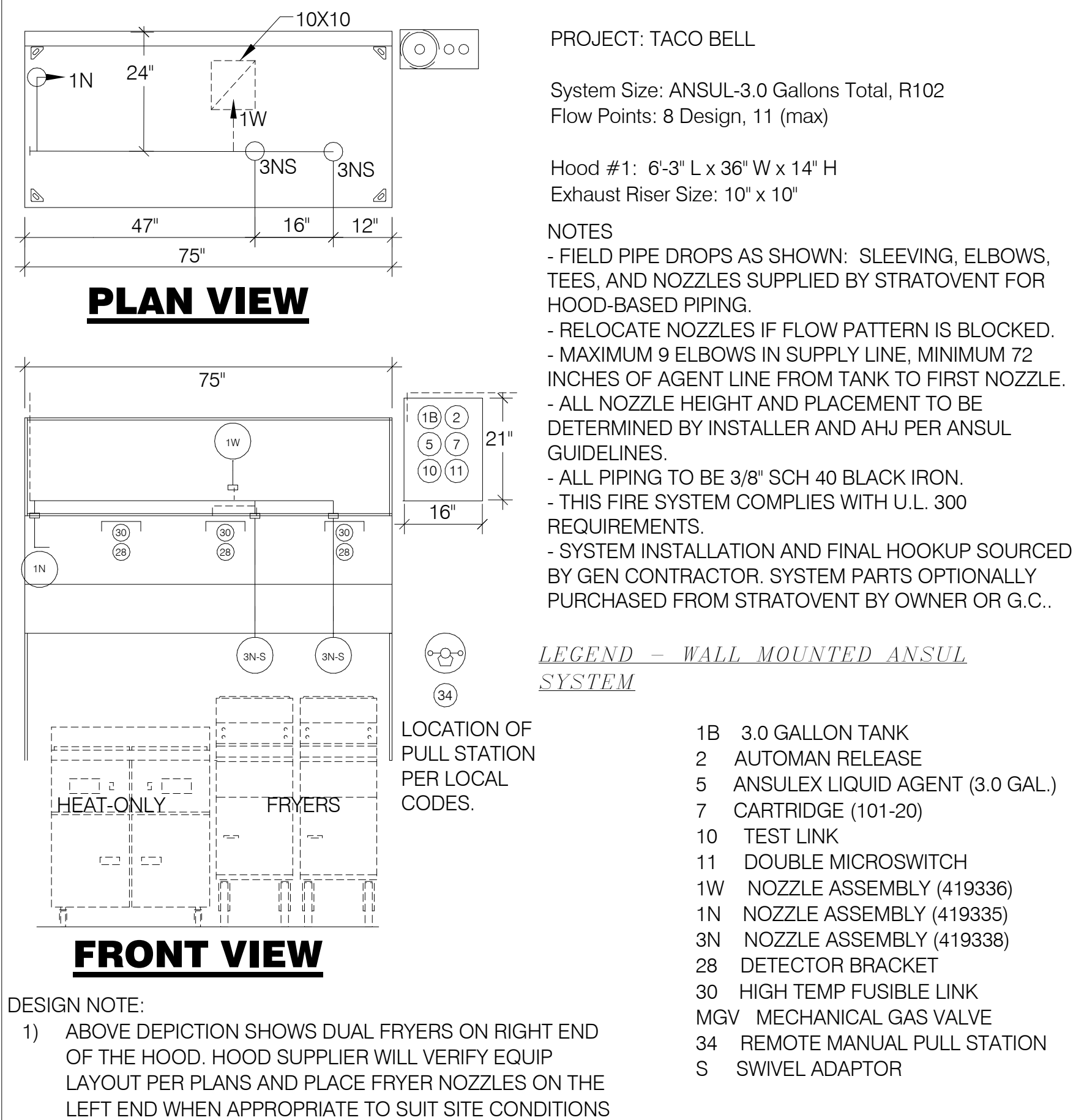
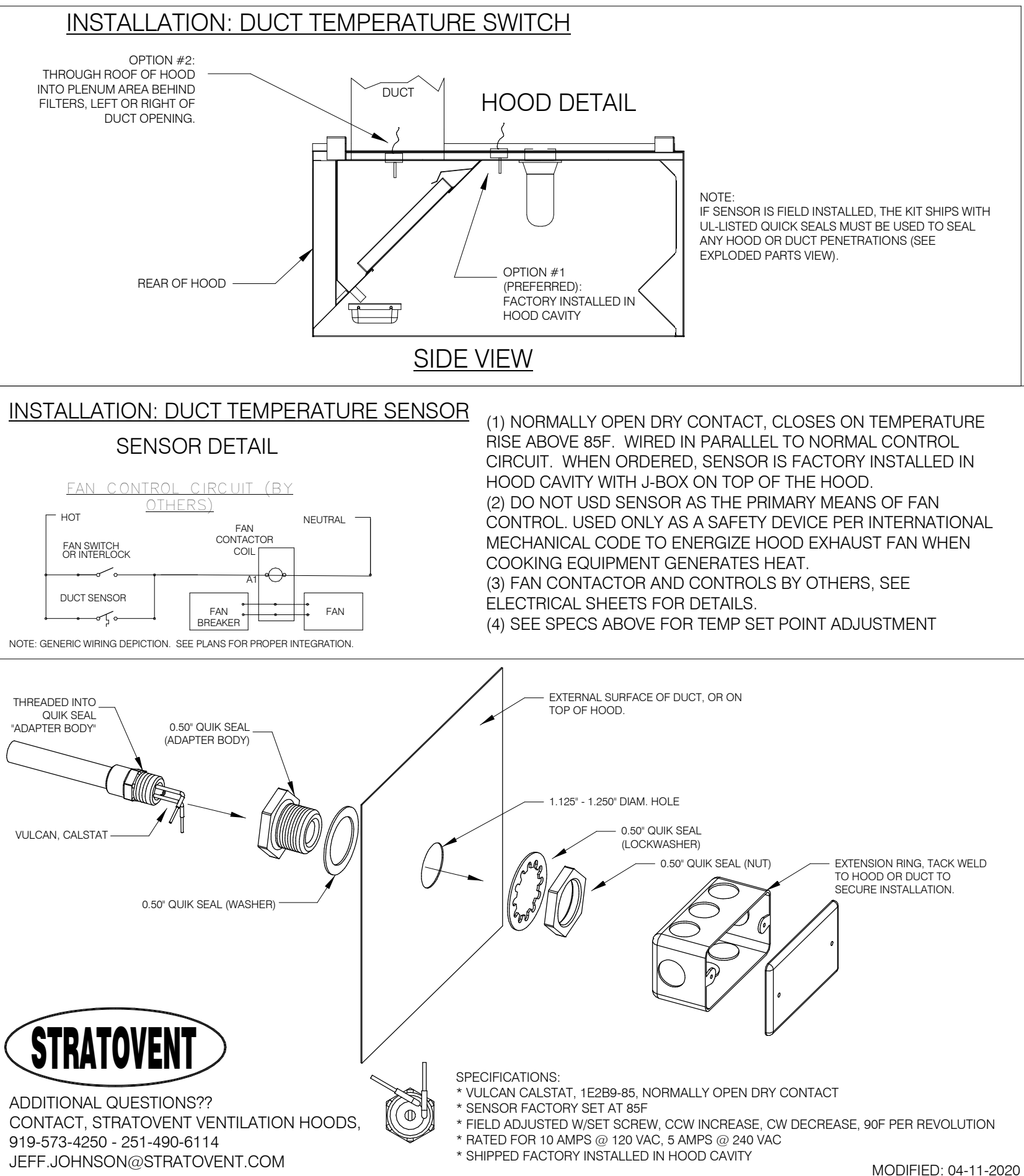
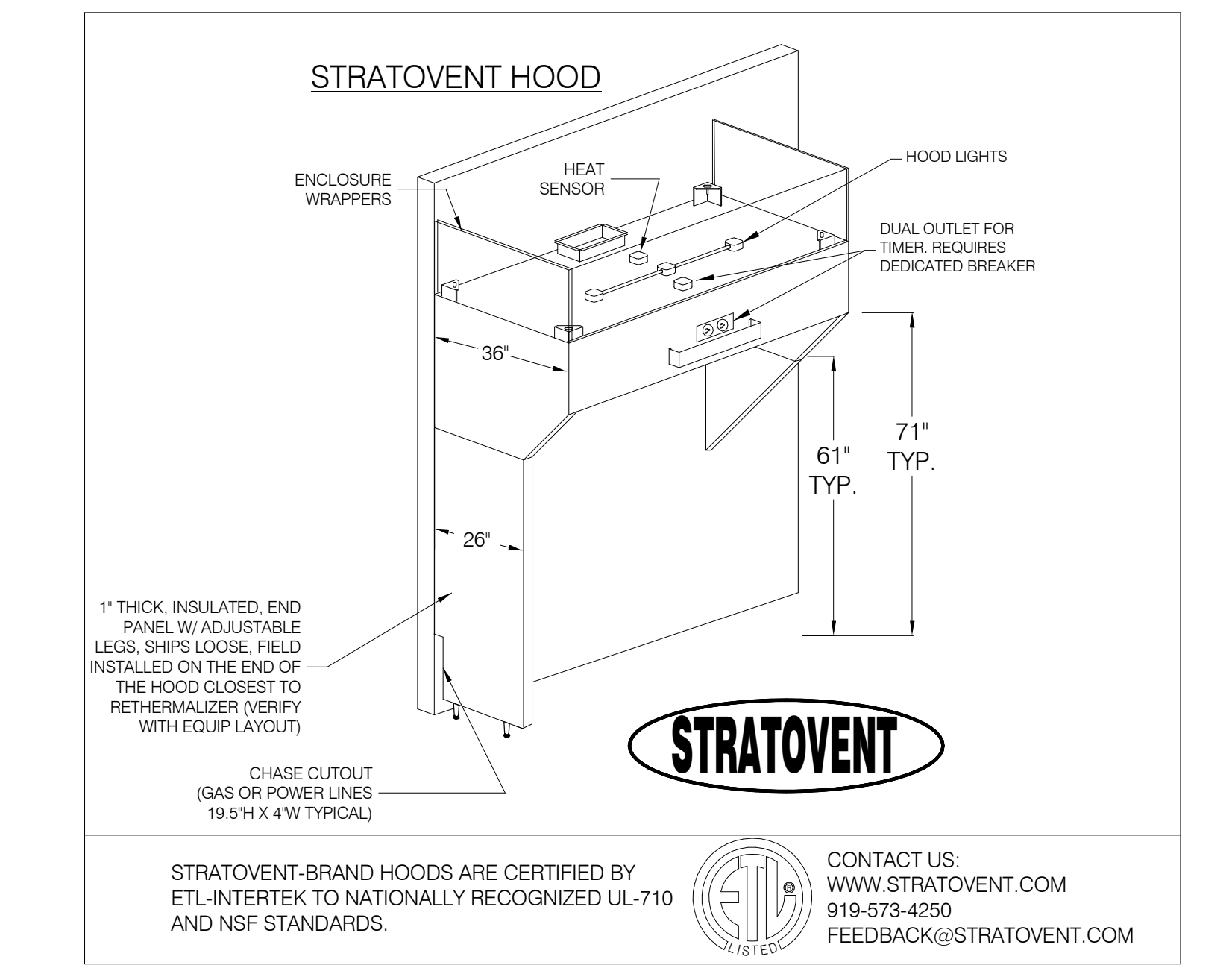
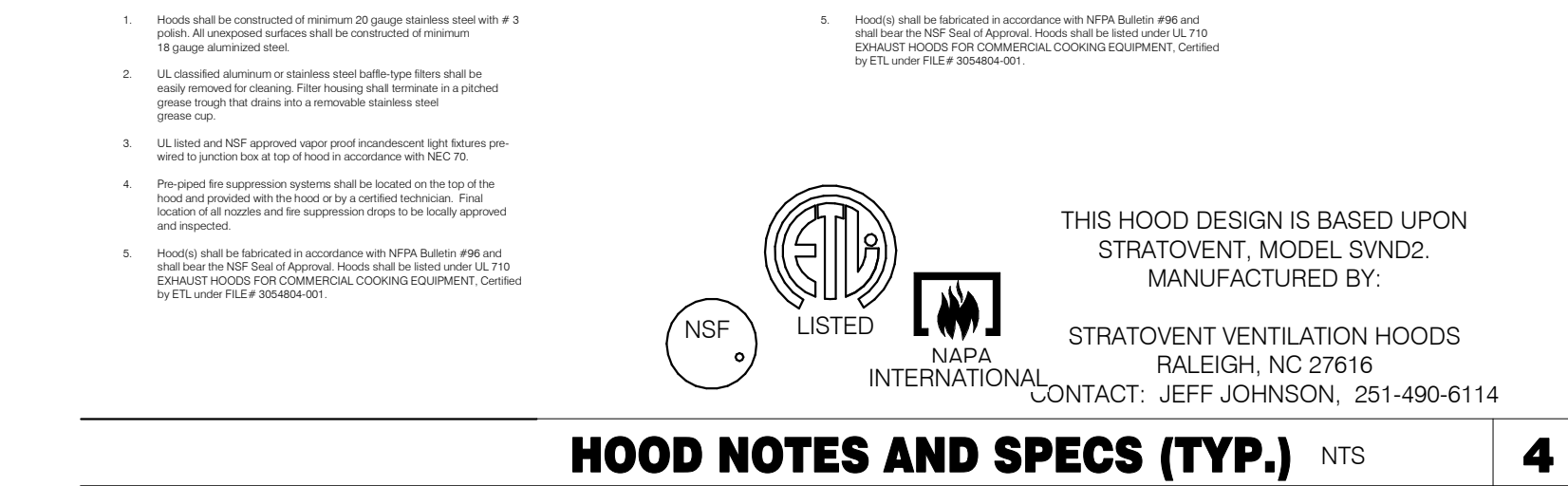
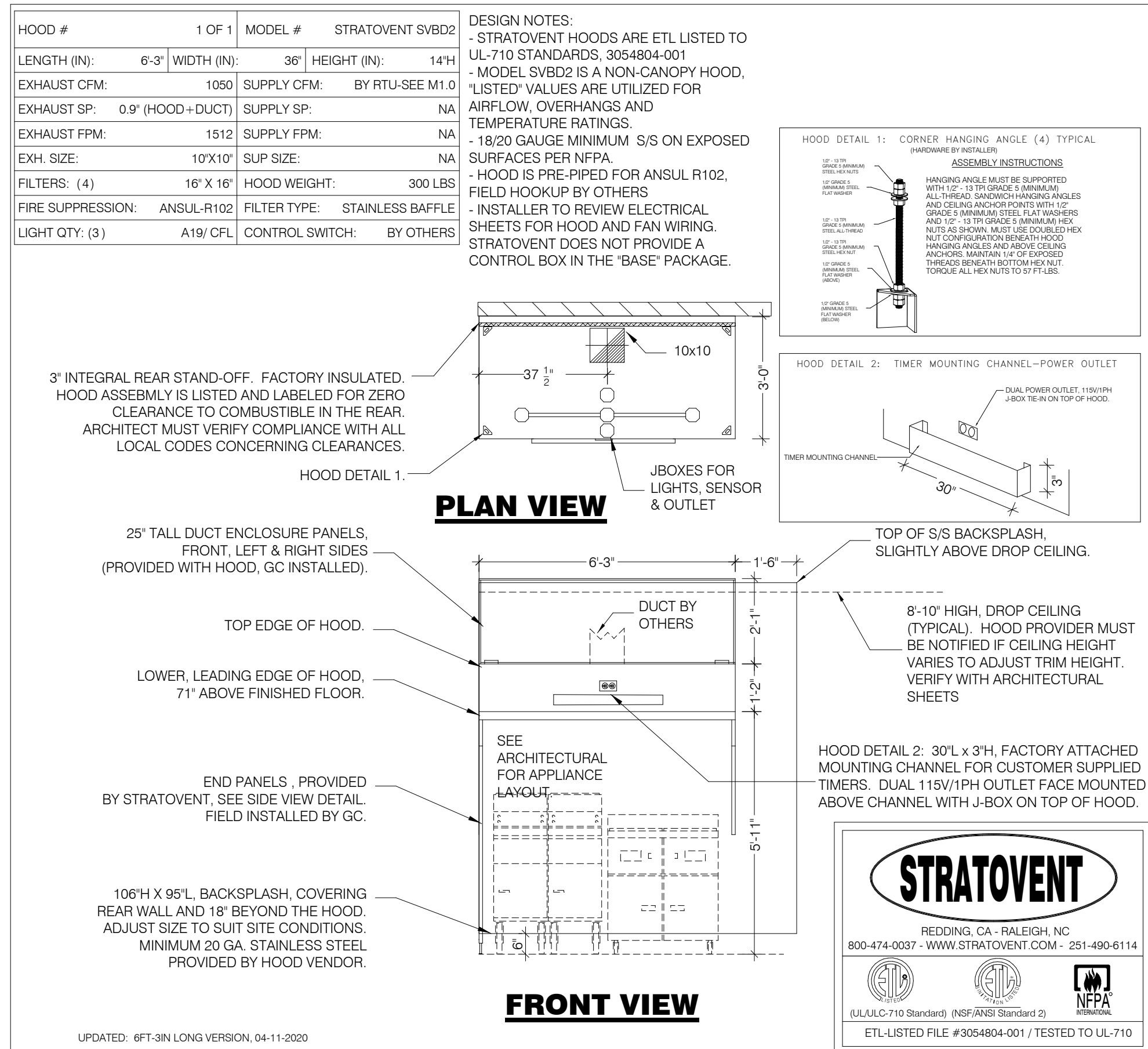
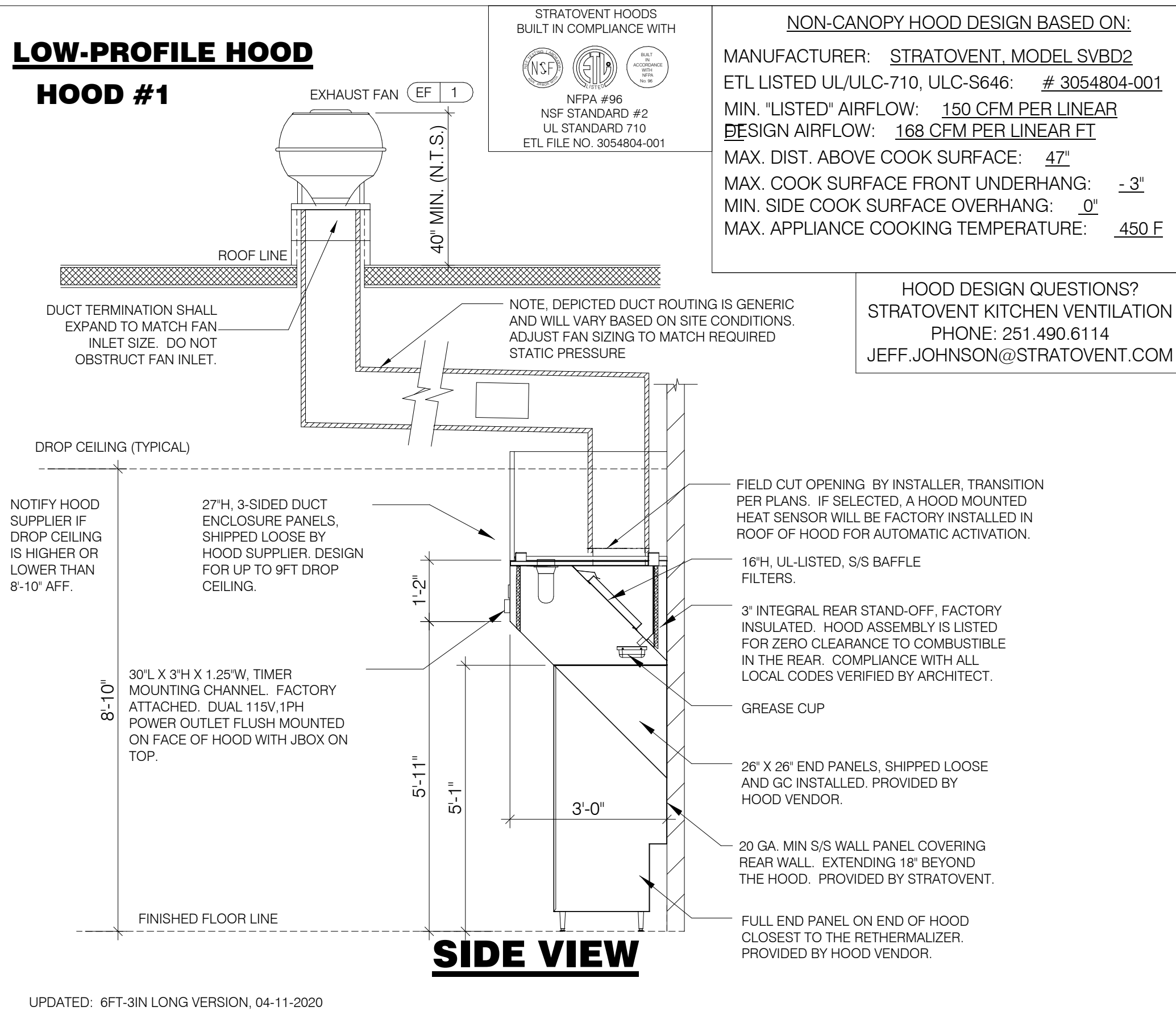
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ENDEAVOR 2.0
MECHANICAL
ROOF PLAN

M2.1

PLOT DATE: 9/27/2022 10:09:15 AM

**HOOD EXHAUST FAN DETAIL** NTS **7****TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN** 12" = 1'-0" **6****HEAT SENSOR ATTACHMENT** NTS **5****HOOD ISOMETRIC** 12" = 1'-0" **3****TACO BELL HOOD DETAIL** NTS **2****TACO BELL HOOD SECTION** 12" = 1'-0" **1**

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
 BUILDING TYPE: END, MED40
 PLAN VERSION: MARCH 2020
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 315647
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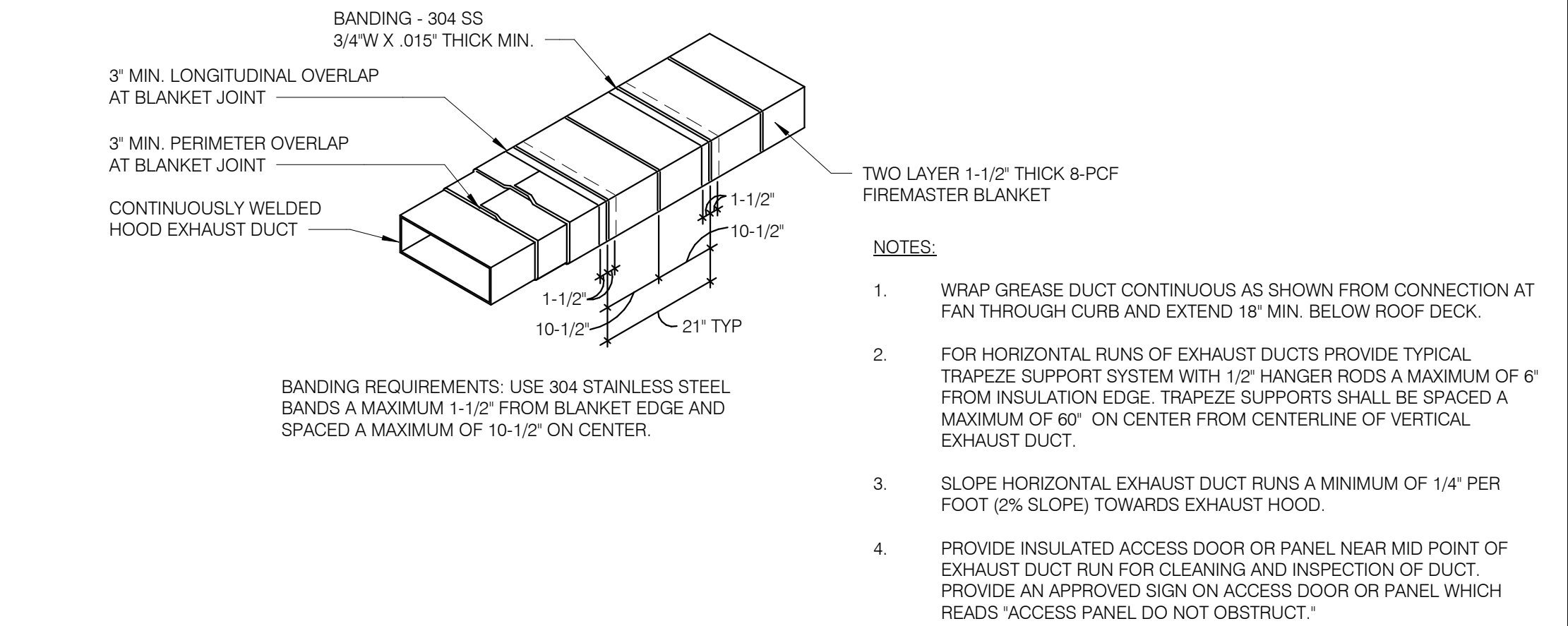
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HOOD DETAILS
AND SECTIONS

M3.0

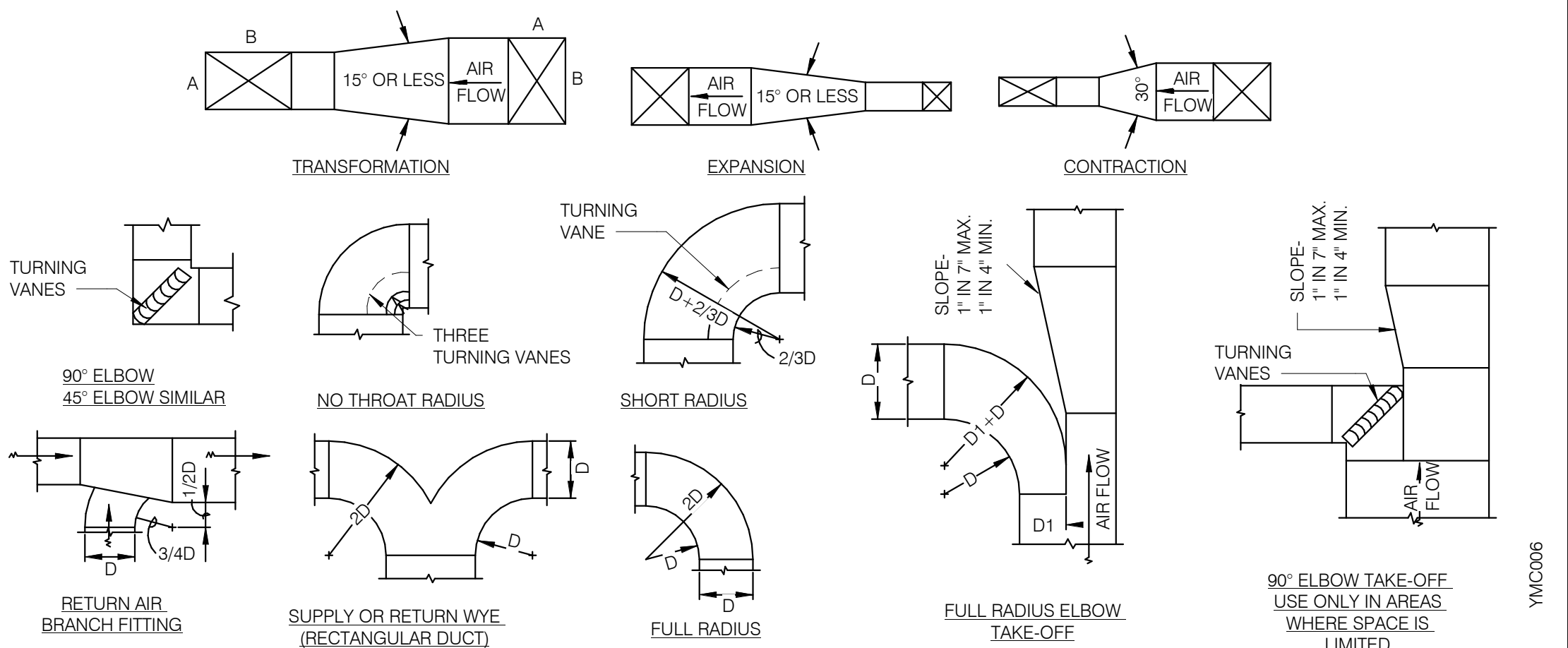
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TB HOOD DUCT TRANSITION NTS **11**

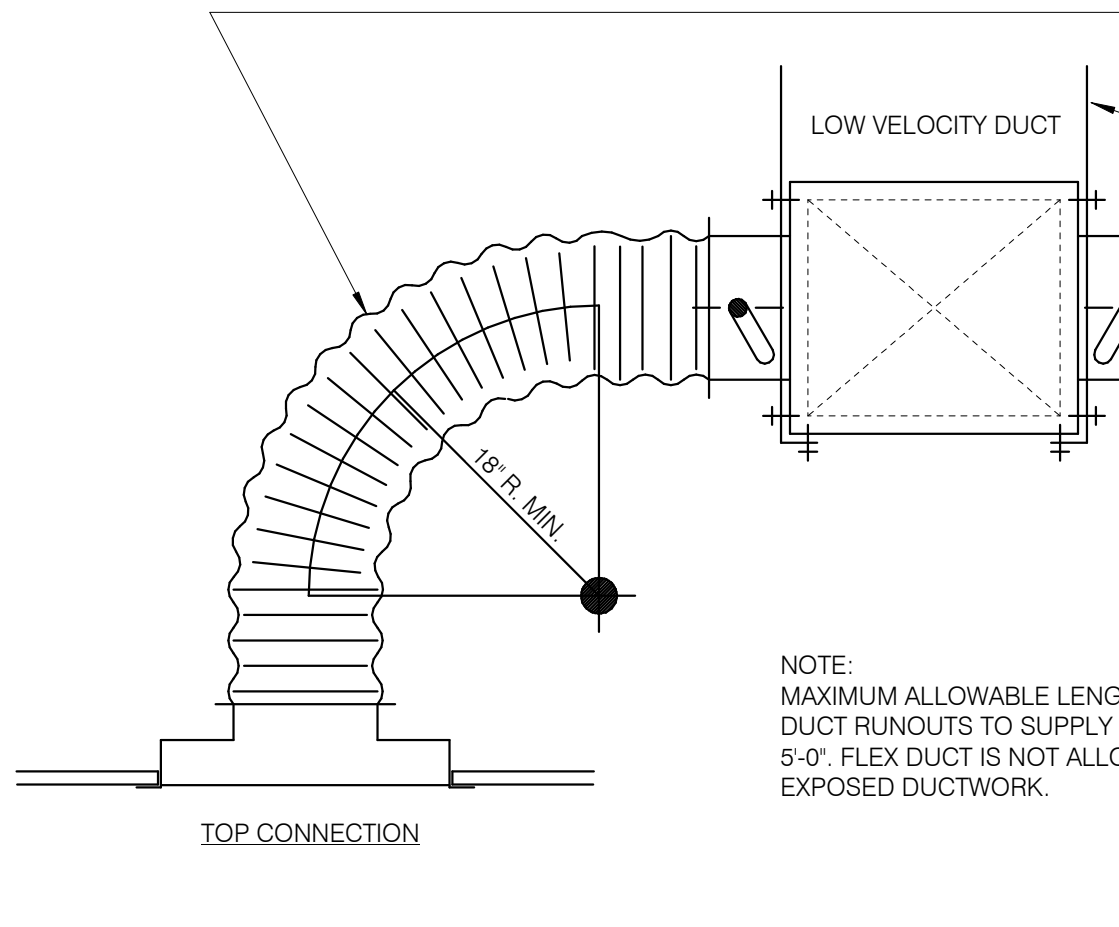
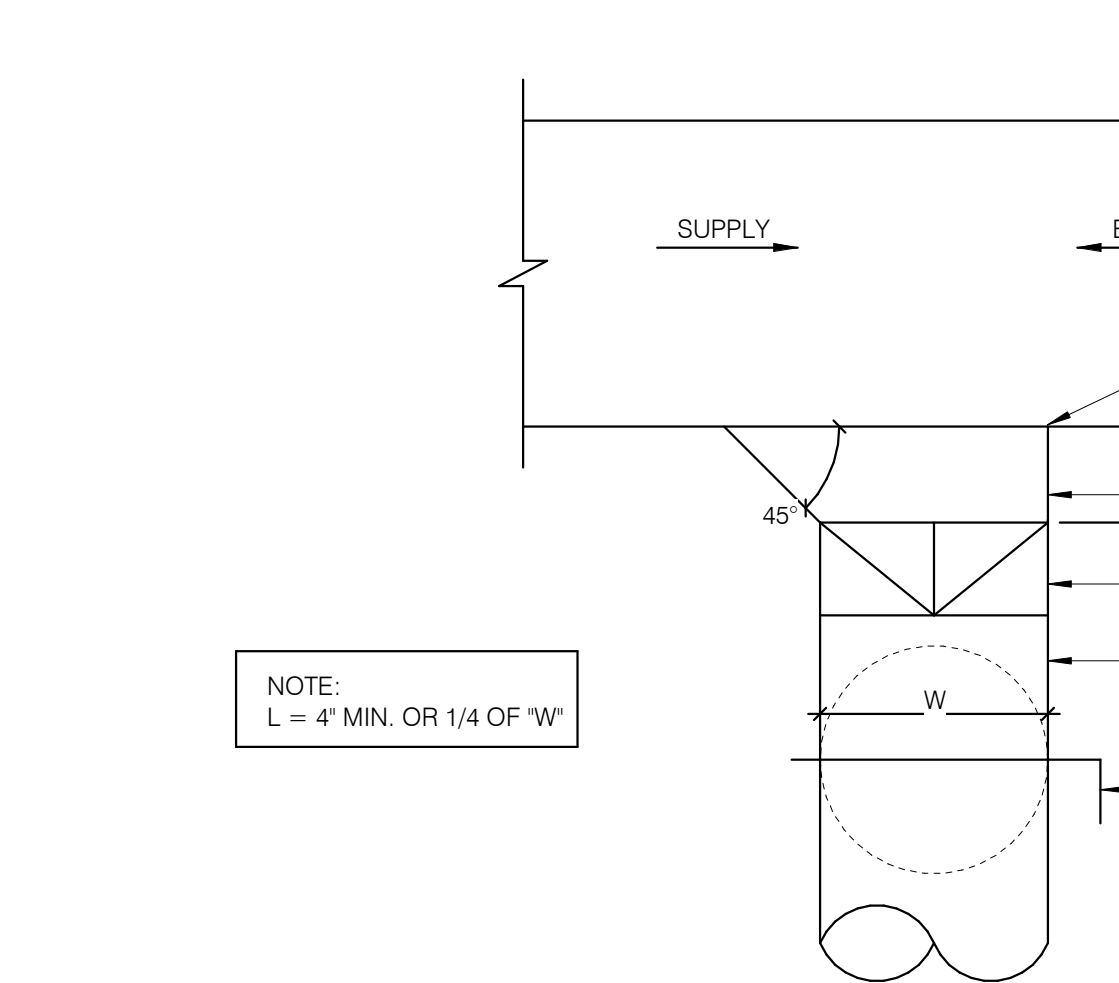


KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL NTS **10**



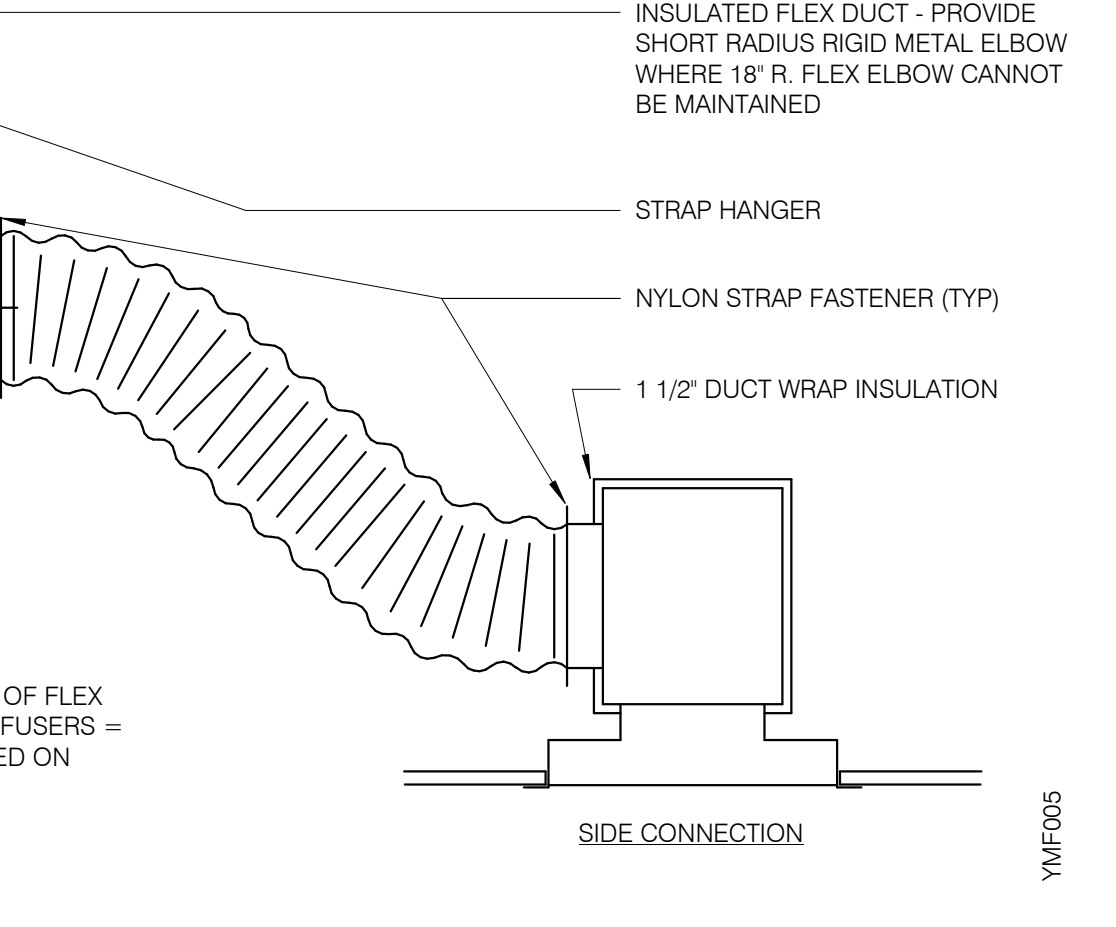
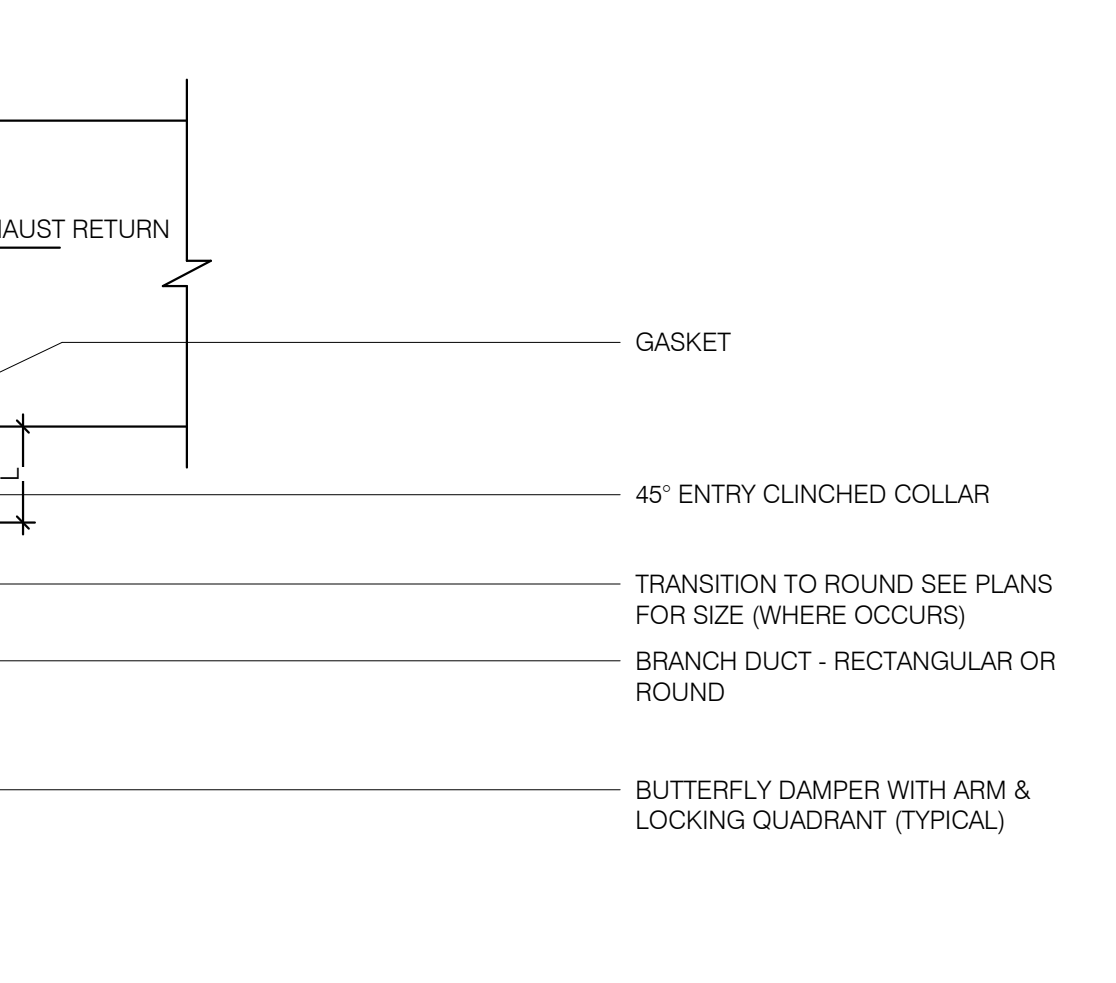
TYPICAL DUCTWORK DETAILS NTS **9**

REMOTE HUMIDITY SENSOR NTS **8**



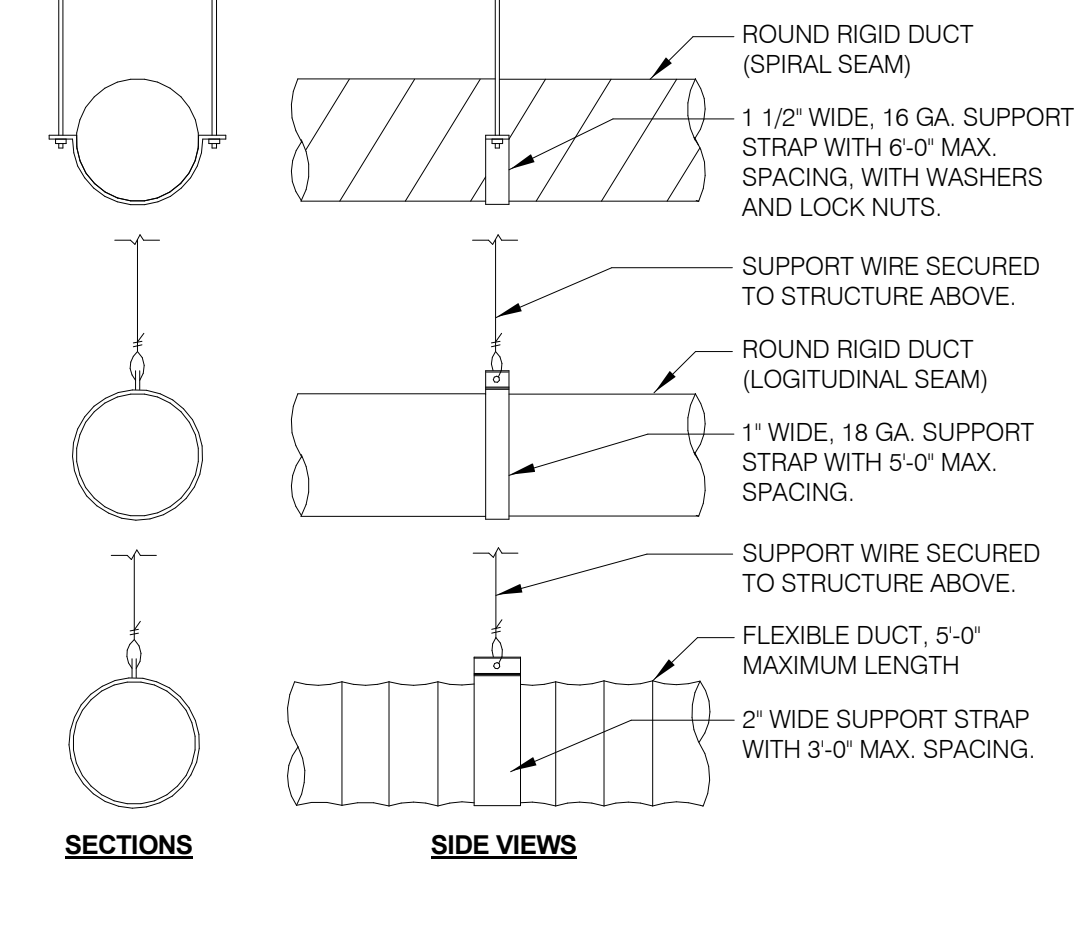
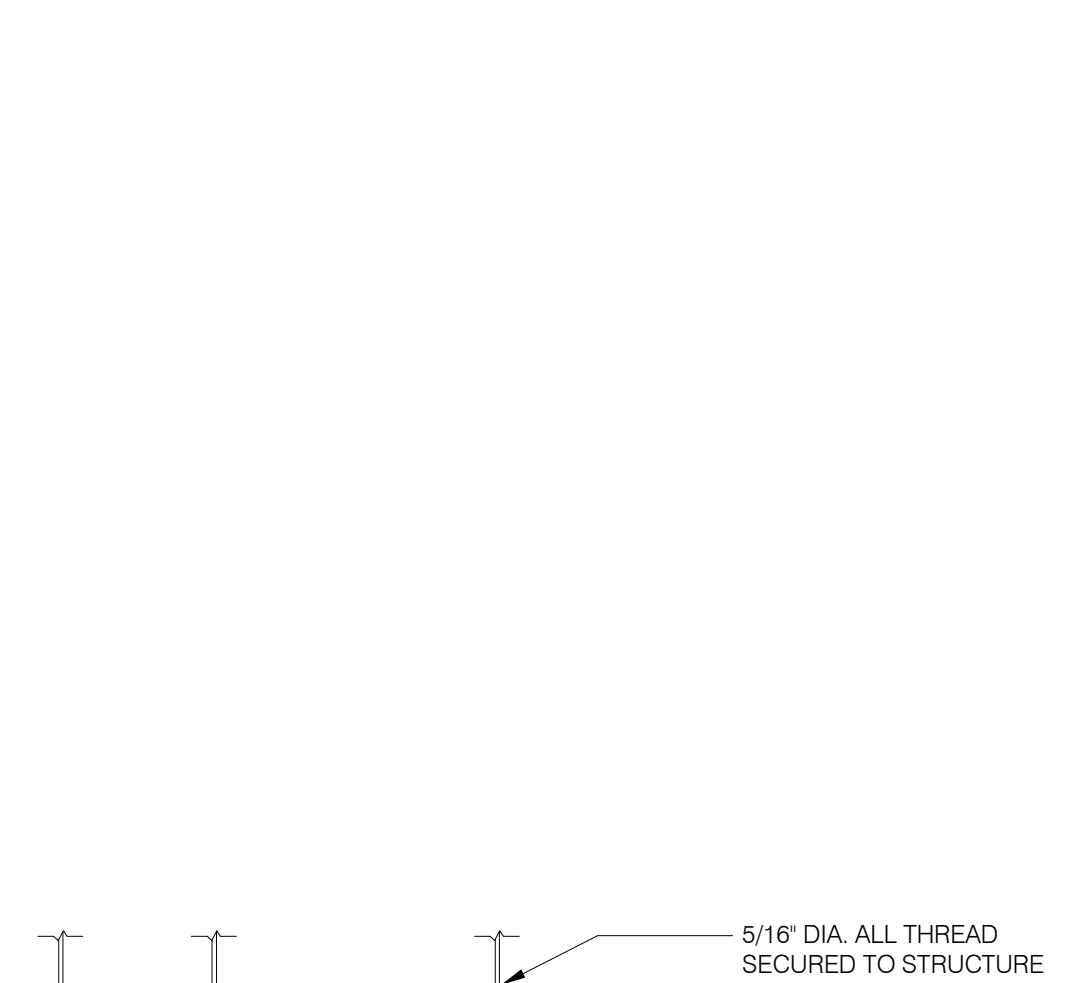
ROD ATTACHMENT NTS **7**

BOLT CONNECTION TO HOOD NTS **5**



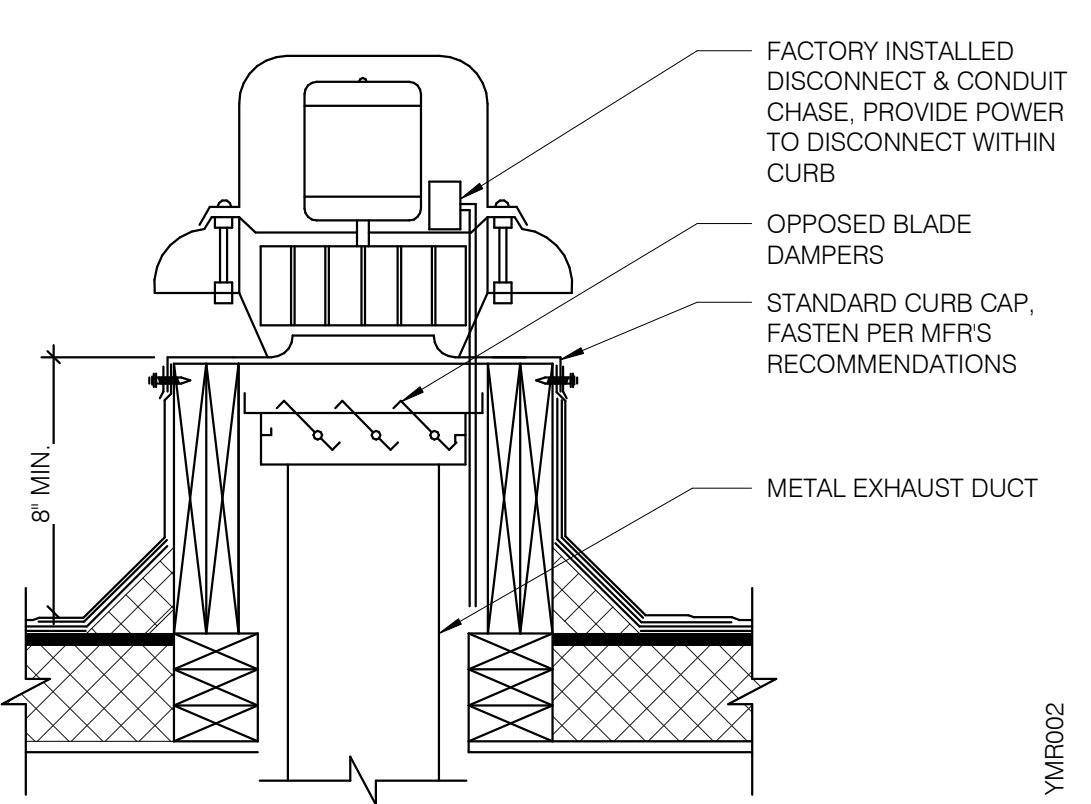
CEILING DIFFUSER CONNECTIONS NTS **4**

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



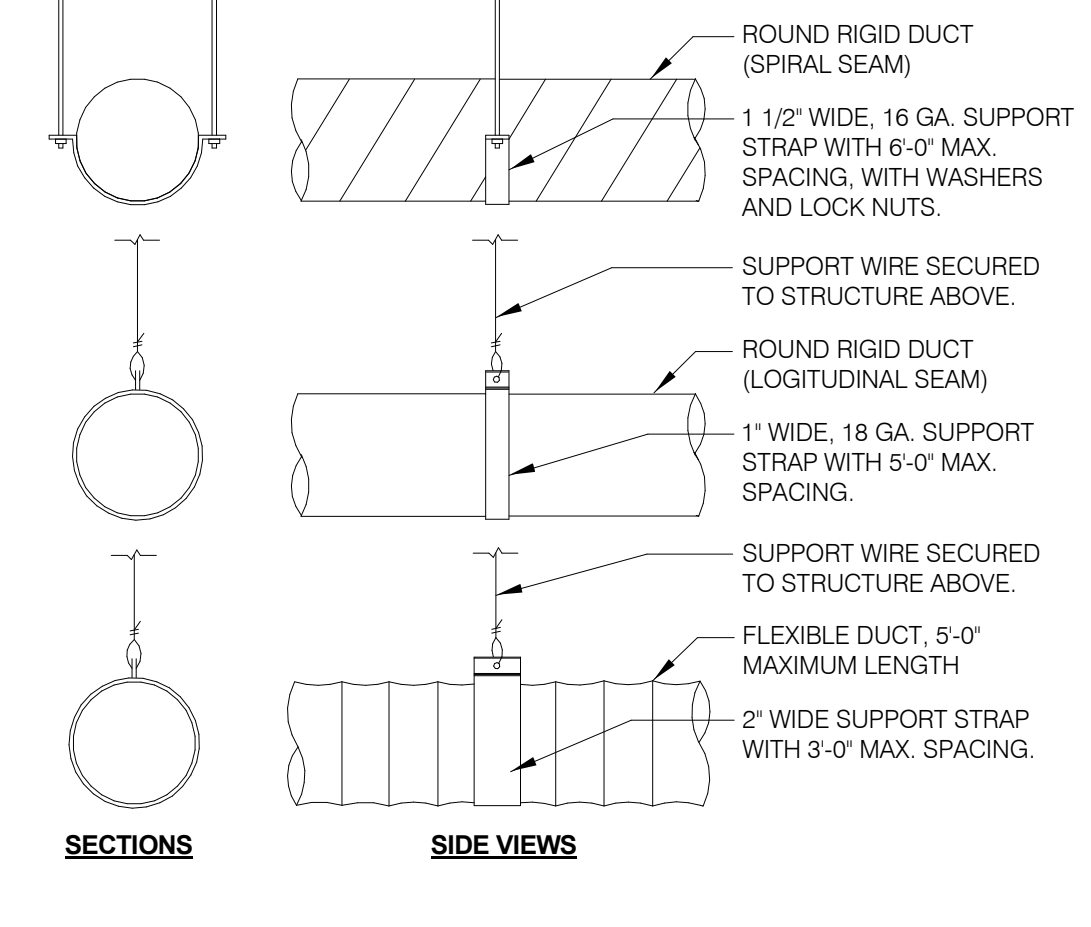
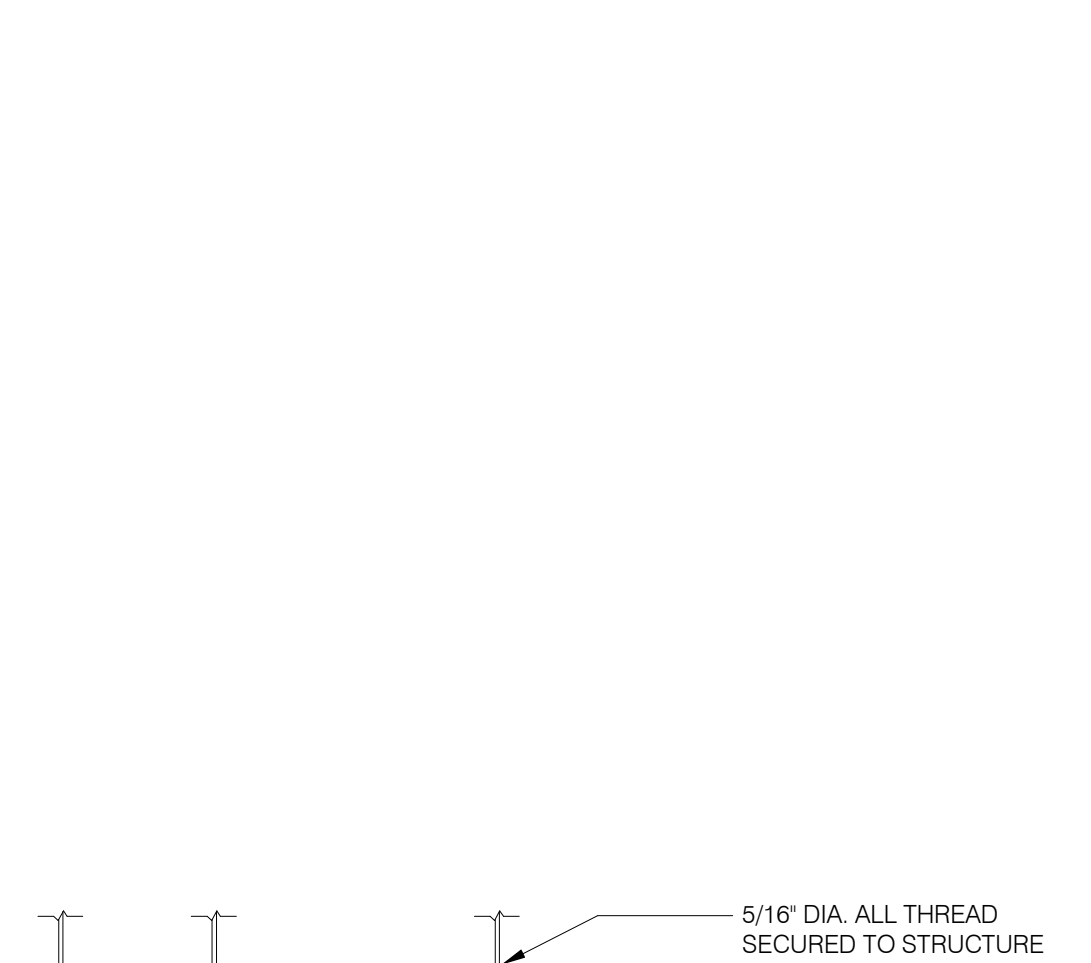
DUCT SUPPORT DETAIL NTS **1**

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



NOT USED NTS **6**

REMOTE HUMIDITY SENSOR NTS **8**



BOLT CONNECTION TO HOOD NTS **5**

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BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: DJ
JOB NO.: 2021088.54

TACO BELL

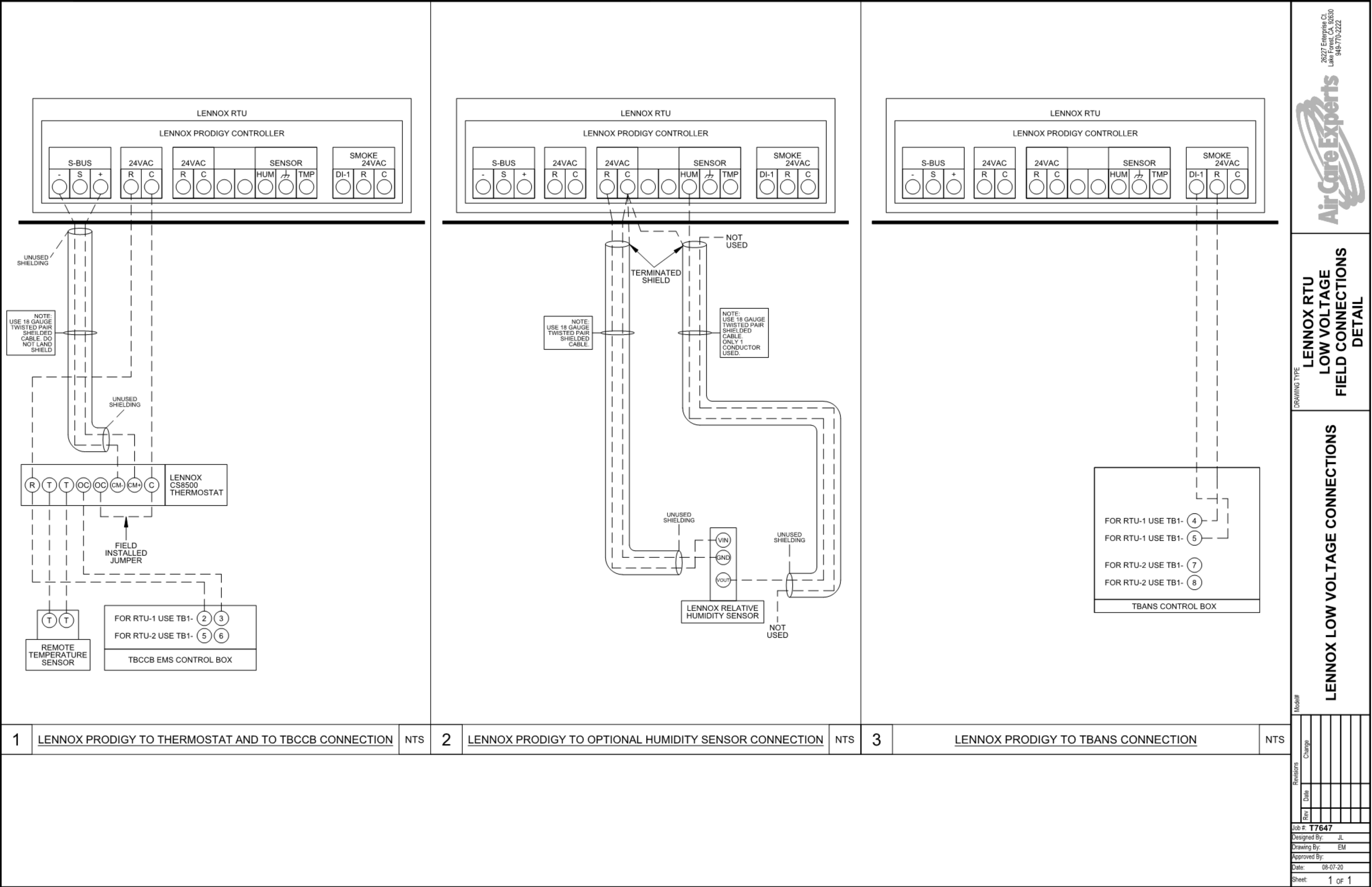
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ENDEAVOR 2.0
MECHANICAL
DETAILS

M4.0

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	DATE	REMARKS
1	09.27.22	IFB

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PA/PM: SM
DRAWN BY.: DJ
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ENDEAVOR 1.0
CONTROLS
DETAILS

M5.0
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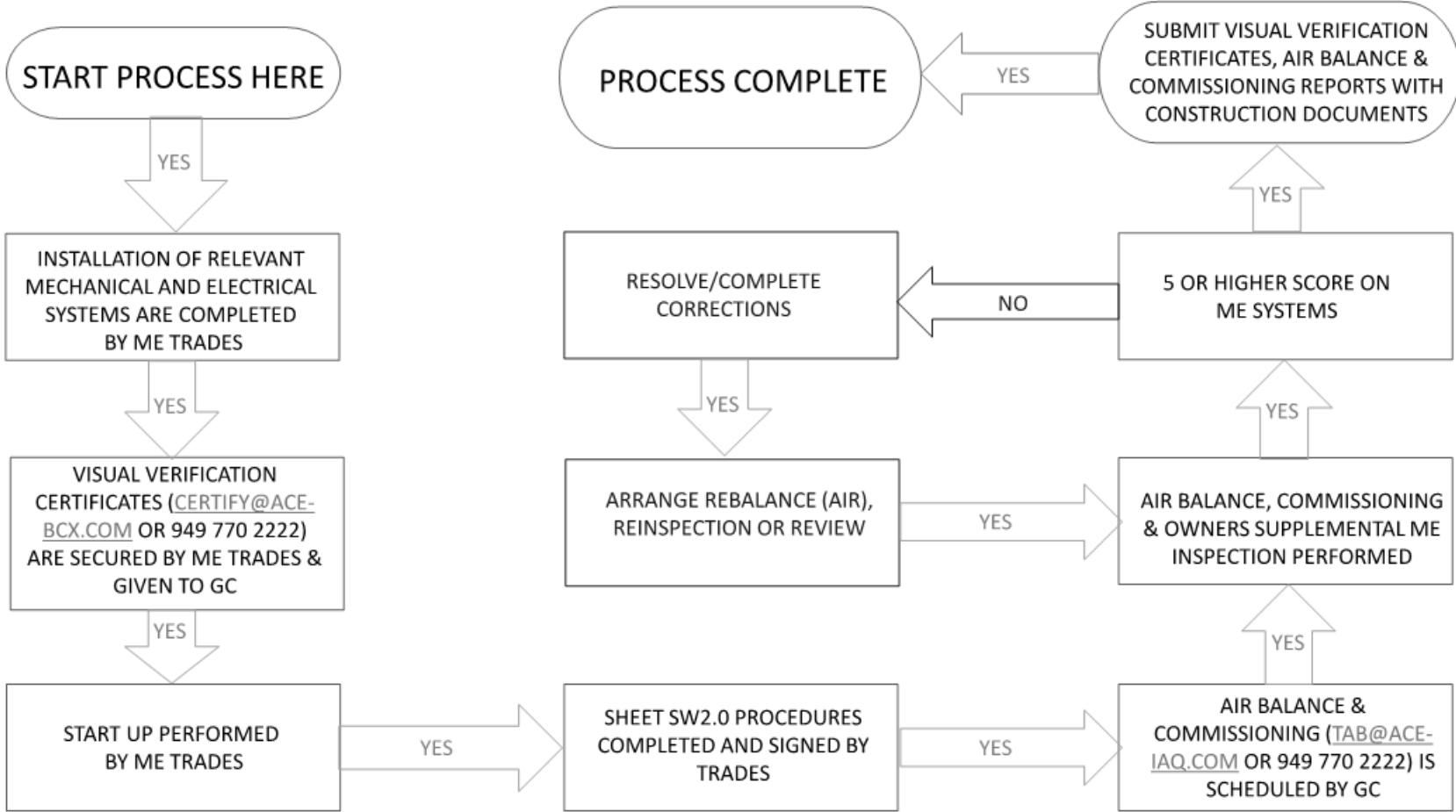
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MECHANICAL – ELECTRICAL (ME) BALANCING & COMMISSIONING SEQUENCE & PROCEDURE



	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.:
JOB NO.: 2021088.54

TACO BELL

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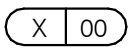
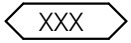
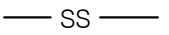

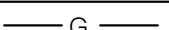
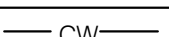
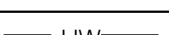
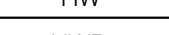
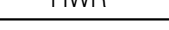
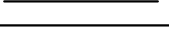
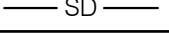
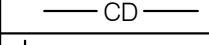
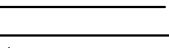
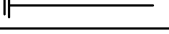


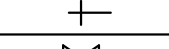

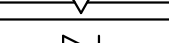

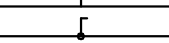
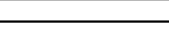

ENDEAVOR 2.0
BALANCING
AND
COMISSIONING
SEQUENCE

SW2.1



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SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	(TYP.)	TYPICAL
	(N)	NEW
	(E)	EXISTING
	F.D.	FLOOR DRAIN
	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
		PLUMBING EQUIPMENT DESIGNATION
		KITCHEN EQUIPMENT NUMBER- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
	SS	SOIL OR WASTE (SANITARY)/WASTE STUB
	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
	G	GAS / GAS STUB
	CW	COLD WATER/ CW STUB
	HW	HOT WATER / HW STUB
	HWR	HOT WATER RETURN
	V	SANITARY VENT
	S.D.	STORM DRAIN
	C.D.	CONDENSATE DRAIN
	F.C.O.	FLOOR CLEANOUT
	W.C.O.	WALL CLEANOUT
	FW	FILTERED WATER
	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

PLUMBING LEGEND NTS

3

FIXTURE	NO.	DRAIN		COLD WATER		HOT WATER	
		D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAL H.W.
WATER CLOSET	2	4	8	5	10	--	--
URINAL	0	5	--	5	--	--	--
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3.0	1.5	3.0
PREP SINK *	1	--	--	2	2	2	2
3 - COMPARTMENT SINK *	1	--	--	3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1	--	--	5/0.5	10.5	--	--
FLOOR DRAIN	7	2	14	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	4	3	12	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REETHERMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	47	--	33.75	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS:	COLD WATER: 33.75 FU = 24.5 GPM	USE 1-1/2" CW SERVICE
	DRAIN: GW 22 DFU	USE 4" SANITARY (MIN)
	DRAIN: SAN 25 DFU	USE 4" SANITARY (MIN)

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

GREASE INTERCEPTOR SIZING CALCULATION

$$(11 \text{ GPM}) \times (30 \text{ MIN RETENTION TIME}) = 330 \text{ GALLONS}$$

NOTES

1. PROPOSED GREASE INTERCEPTOR SIZE = 1,000 GALLONS.
2. PER SECTION 709.3, ONE GPM IS EQUIVALENT TO TWO FIXTURE UNITS.

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
<div>ECO1</div>	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
<div>FS1</div>	FLOOR SINK	4"	2"	--	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPFS4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
<div>FS2</div>	FLOOR SINK	3"	2"	--	--	--	6	--	CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32
<div>FD1</div>	FLOOR DRAIN	3"	2"	--	--	--	2	--	PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A
<div>HD1</div>	HUB DRAIN	3"	2"	--	--	--	2	--	CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	WADE / MODEL: 1103 JOSAM / MODEL: 88213 WADE / MODEL: 2453EF
<div>FCO1</div>	FLOOR CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	ZURN / MODEL: Z-1019 JOSAM / MODEL: 56000 WADE / MODEL: 6000Z
<div>WCO1</div>	WALL CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	ZURN / MODEL: Z-1400 JOSAM / MODEL: 58510 WADE / MODEL: 8506E
<div>HB1</div>	HOSE BIBB	--	--	3/4"	--	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	ZURN / MODEL: Z-1446-BP JOSAM / MODEL: 71000 WADE / MODEL: 8600L
<div>WC1</div>	WATER CLOSET	4"	2"	1/2"	--	--	4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	ZURN / MODEL: Z-1300 AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONOMISER" / MODEL: 31888
<div>L1</div>	LAVATORY	1-1/4"	1-1/2"	1/2"	--	1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET, SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
<div>S1</div>	HAND SINK	1-1/2"	1-1/2"	1/2"	--	1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	--
<div>S2</div>	MOP SINK	3"	2"	1/2"	1/2"	--	3	2.25	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	--
<div>S3</div>	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	--
<div>S4</div>	PREP SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET AND DRAIN	--
<div>GI1</div>	GREASE INTERCEPTOR	4"	--	--	--	--	--	--	PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	--
<div>MV1</div>	MIXING VALVE	--	--	1/2"	1/2"	--	--	--	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	JENSEN / JP1000G POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
<div>WH1</div>	WATER HEATER	--	--	1-1/2"	1-1/2"	--	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 199,000 BTUH INPUT, 100 GAL. STORAGE TANK, 235 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MXI BTH-199 STATE / SUF 100 199 NE
<div>ET1</div>	EXPANSION TANK	--	--	3/4"	--	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160" F, 12 GALLON CAPACITY.	--
<div>BFP1</div>	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	--	1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: LF009M2OTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
<div>RO1</div>	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	--
<div>RP1</div>	RECIRC PUMP	--	--	--	1/2"	--	--	--	0.5 GPM @5 FEET HEAD. PROVIDE WITH CHECK VALVE, BALANCE VALVE, AND AQUASTAT.	--

GENERAL NOTES - PLUMBING

TS

4

PLUMBING FIXTURE COUNT NTS

NTS

2

PLUMBING FIXTURE SCHEDULE

NTS

1

	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE: 05.04.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315647

STORE NUMBER: 458047

PA/PM: SM

DRAWN BY.: DJ

JOB NO.: 2021088.54

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ENDEAVOR 2.0
**PLUMBING
SCHEDULES
AND NOTES**

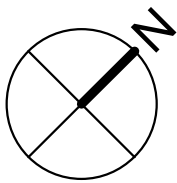
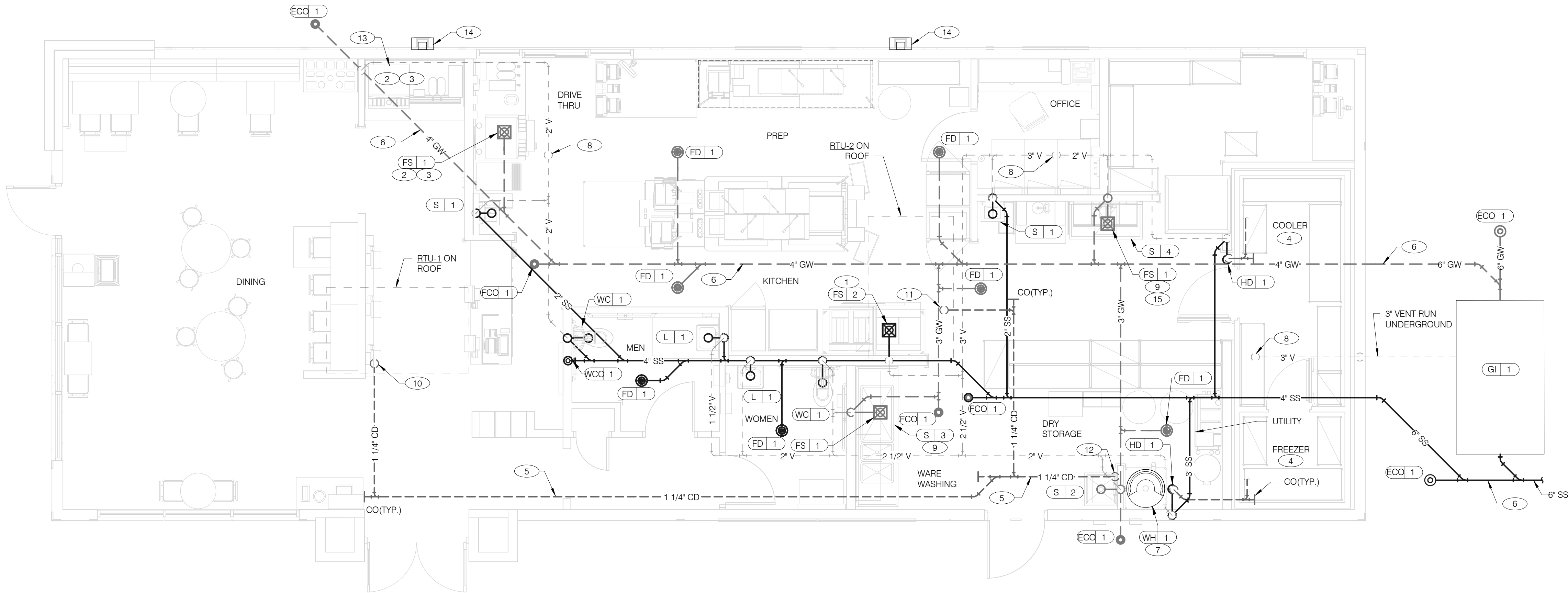
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DATE	REMARKS
1 09.27.22	IFB

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ENDEAVOR 2.0
WASTE AND
VENT PLAN

P2.0

PLOT DATE: 9/27/2022 10:09:24 AM

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

- 1

UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2. OUTWARD.
- 2

PROVIDE DEDICATED CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 3

PROVIDE DEDICATED WASTE LINES FROM BEVERAGE UNIT TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 4

PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5

PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF. RUN TO 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 OUTBOUND FROM INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
- 7

ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.0 AND DETAIL 4/P2.0.
- 8

3" VENT UP THROUGH ROOF.
- 9

PIPE THREE COMP. SINK / PREP SINK TO FLOOR SINK WITH AIR GAP PER CODE.
- 10

1-1/4" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 10/P6.0.
- 11

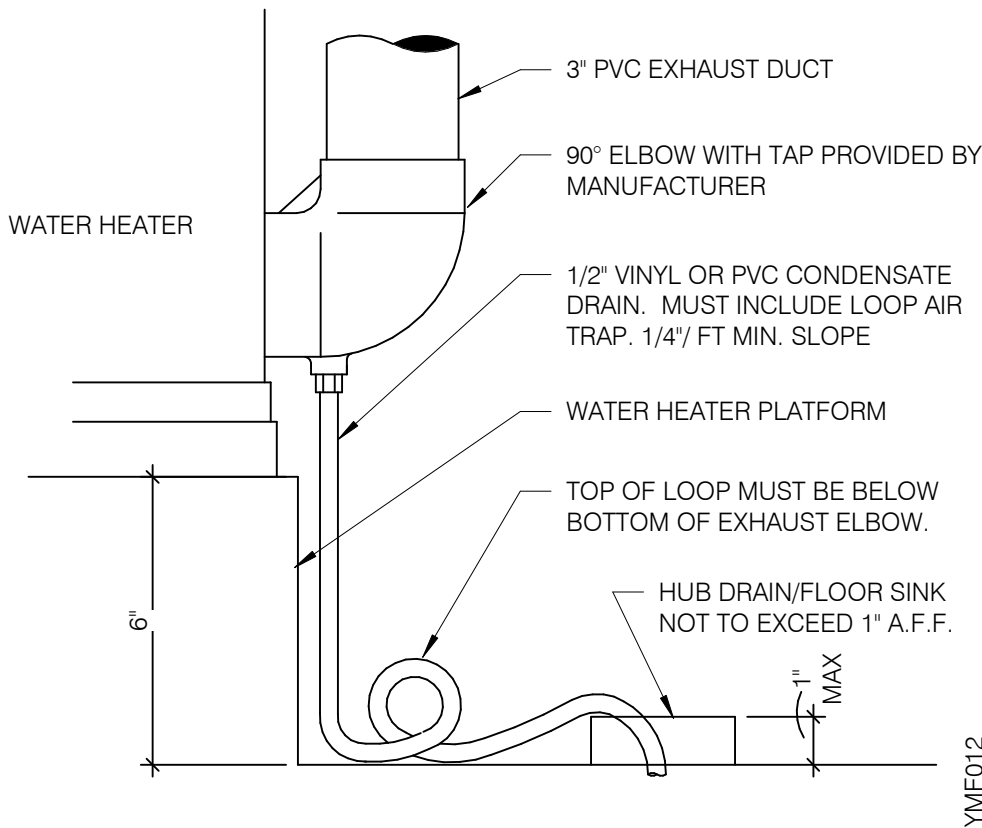
1-1/4" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 10/P6.0.
- 12

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 AUTHORITY HAVING JURISDICTION.
- 13

RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 14

DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION AND ARCHITECTURAL PLANS FOR MORE DETAIL.
- 15

ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.



WATER HEATER CONDENSATE DETAIL NTS

4

WASTE & VENT PLAN NOTES NTS

3

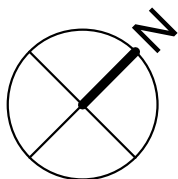
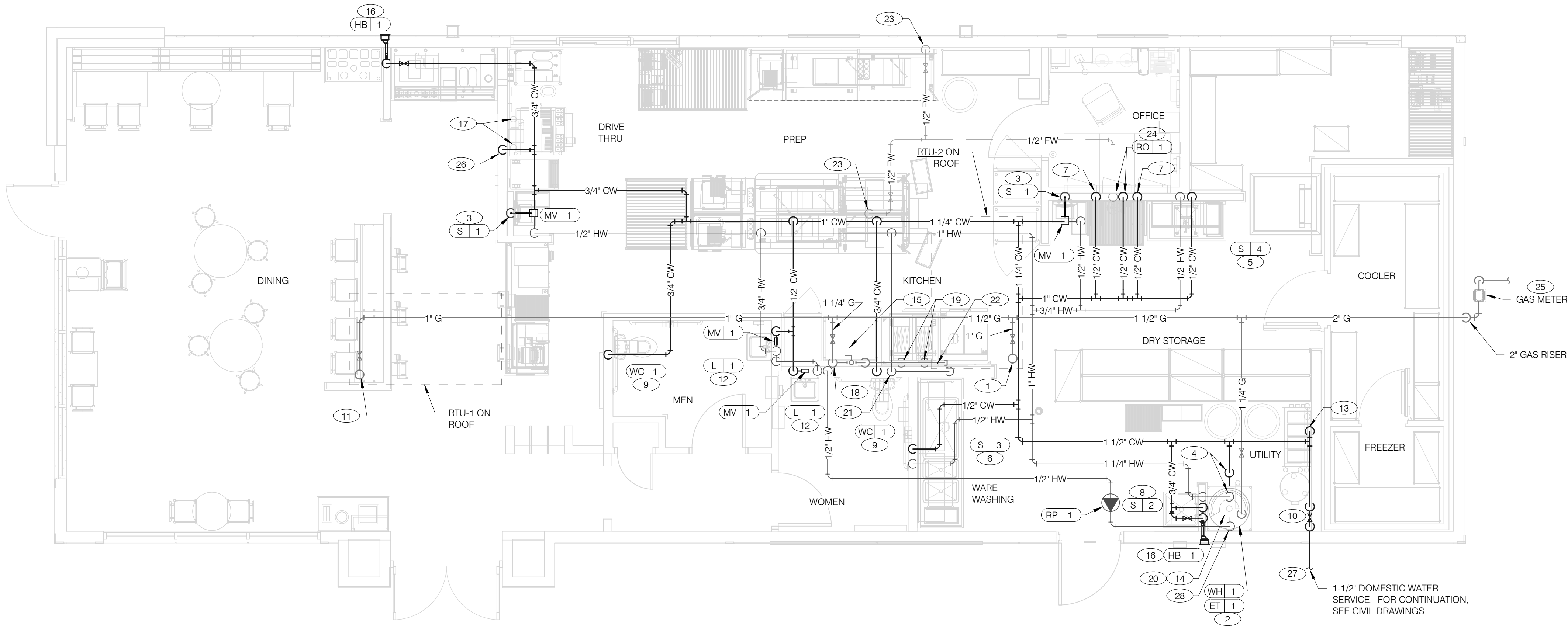
KEYNOTES - WASTE AND VENT NTS

2



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

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

- 1 1" (180 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 2 1-1/4" (199 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMP. SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM, P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .
- 10 PROVIDE LINE SIZE SHUT-OFF VALVE ON DOMESTIC WATER SERVICE ENTRY.
- 11 1" (130 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER SYSTEM, S-286 AND BOOSTER TANK, S-540.
- 14 WATER HEATER (WH-1). PIPE CONDENSATE LINE. T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.1.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-546. SEE DRAWINGS A2.0 AND P6.0.
- 18 1-1/4" GAS DOWN ALONG WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER. PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 1/P6.1.
- 21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-026 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 27 DOMESTIC WATER METER WITH REDUCED PRESSURE BACKFLOW PREVENTER AND IRRIGATION DEDUCT METER WITH BACKFLOW PREVENTER FOR IRRIGATION SYSTEM LOCATED OUTSIDE BUILDING. REFER TO CIVIL PLANS FOR MORE INFORMATION.
- 28 1/2" HOT WATER RETURN DOWN TO WATER HEATER HOT WATER RETURN INLET.

WATER & GAS PLAN NOTES NTS

3

KEYNOTES - WATER AND GAS NTS

2

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
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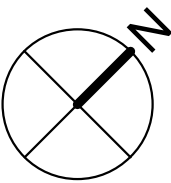
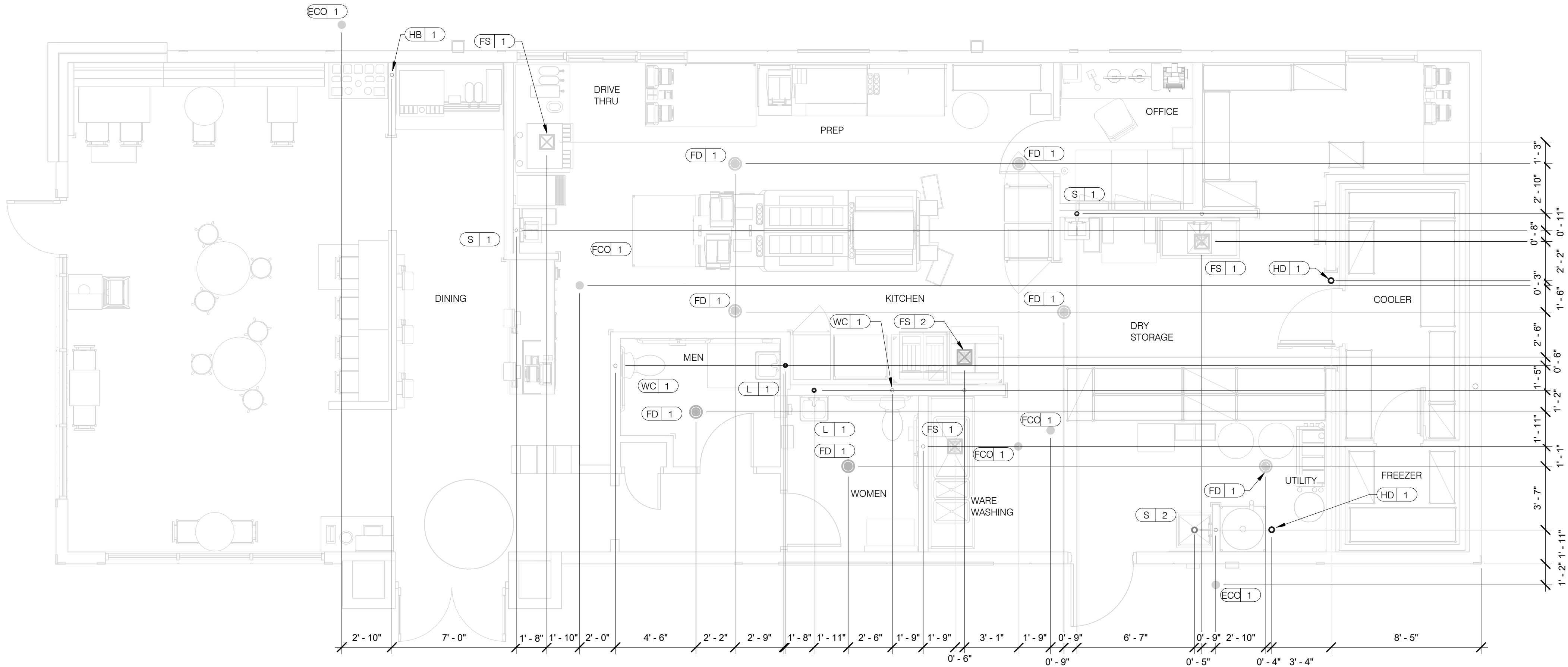
ENDEAVOR 2.0 WATER AND GAS PLAN

P3.0

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

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK			--	S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	--
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F.	--
HD 1	HUB DRAIN			--	S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 1	WATER HEATER	CW		--	WCO 1	WALL CLEAN OUT			--
WH 1	WATER HEATER	G	+15" A.F.F.	--	ECO 1	FLOOR CLEAN OUT			--
WC 1	WATER CLOSET	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR	HB 1	HOSE BIB			--
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED					
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED					
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REITHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-107	REITHERMALIZER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--	P-452	HOT WATER SYSTEM	CW	+24" A.F.F.	

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

PLUMBING ROUGH-IN SCHEDULE NTS 3

PLUMBING ROUGH-IN NOTES NTS 2

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: DJ
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ENDEAVOR 2.0
PLUMBING
ROUGH-IN PLAN

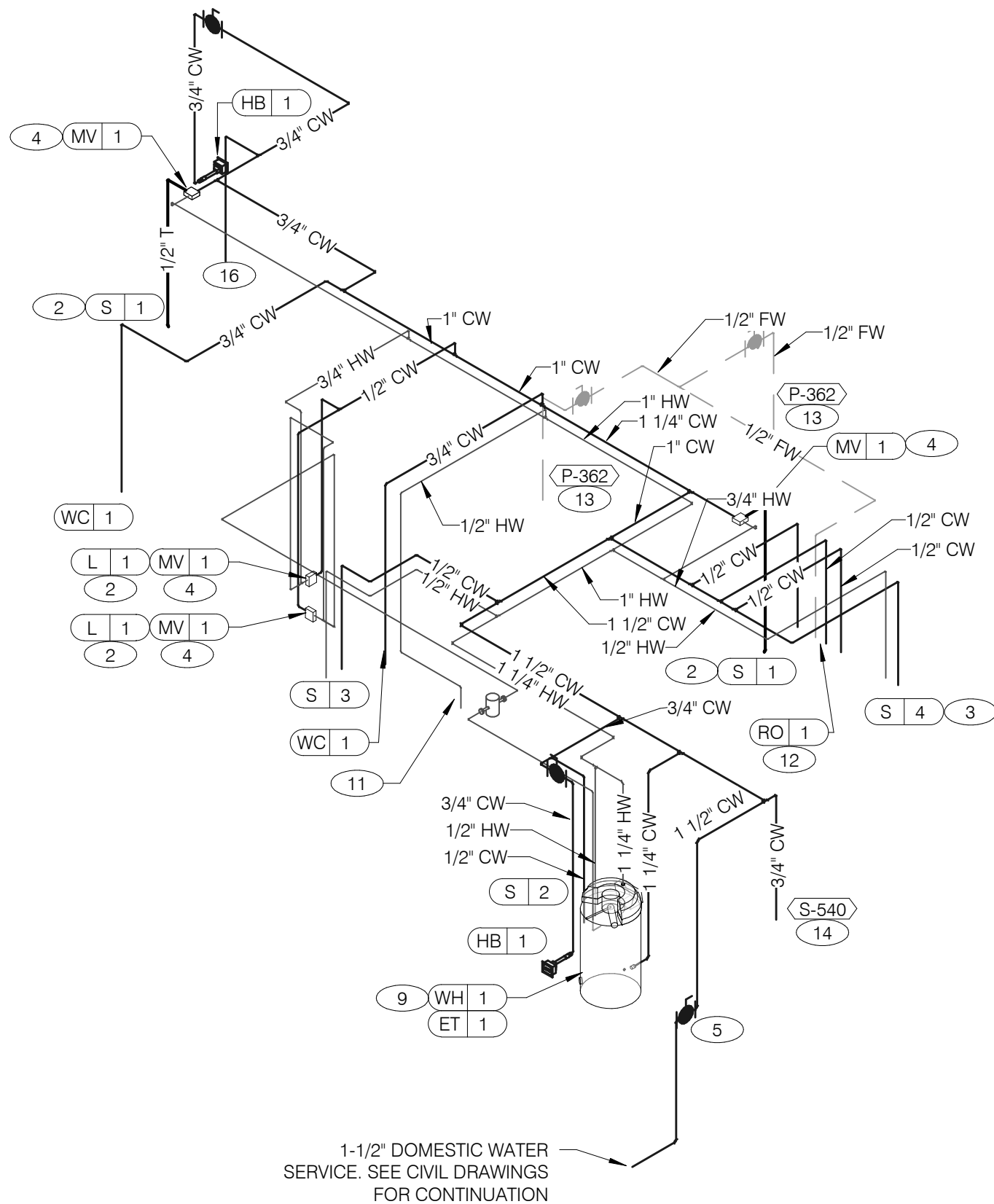
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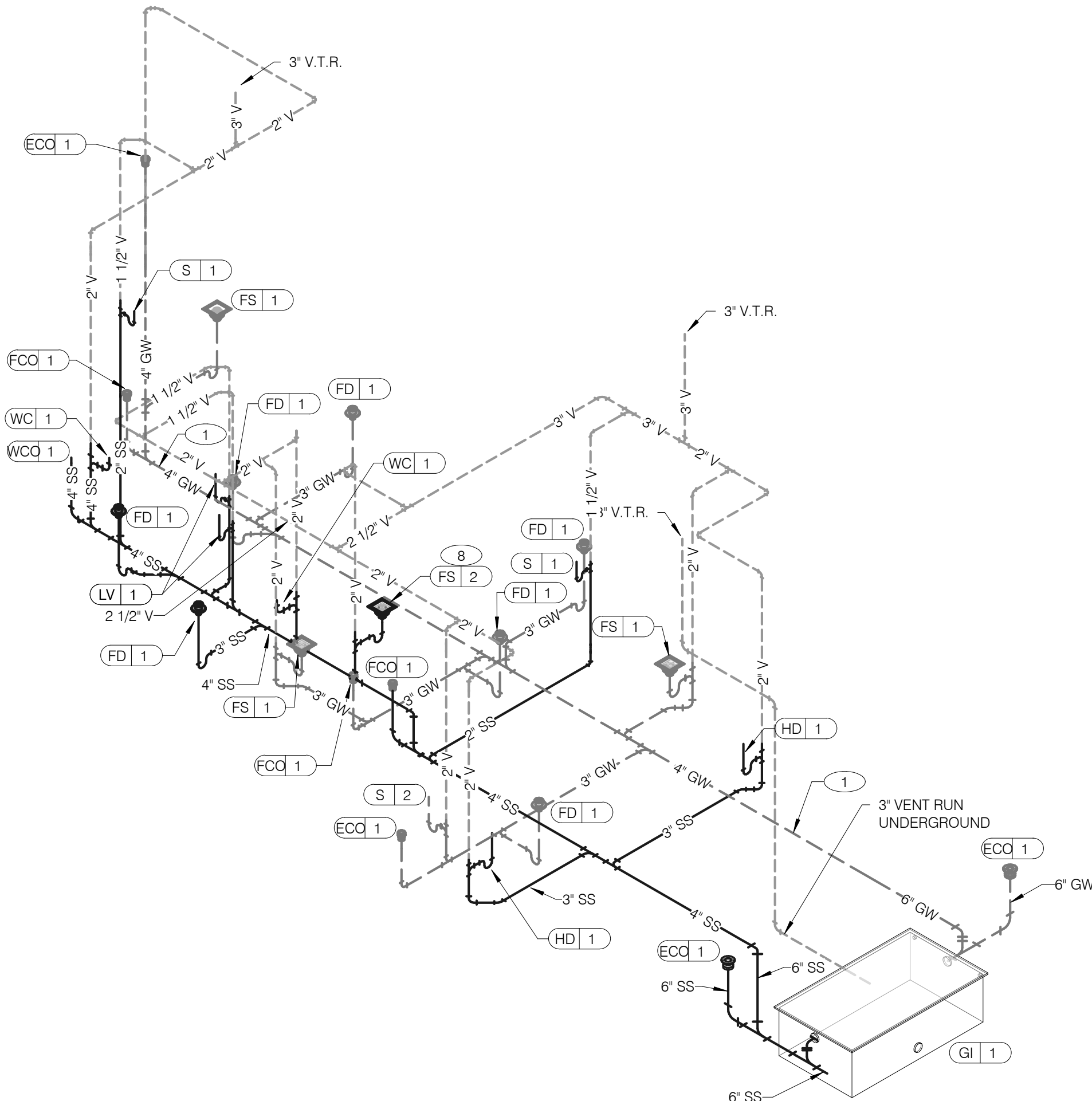


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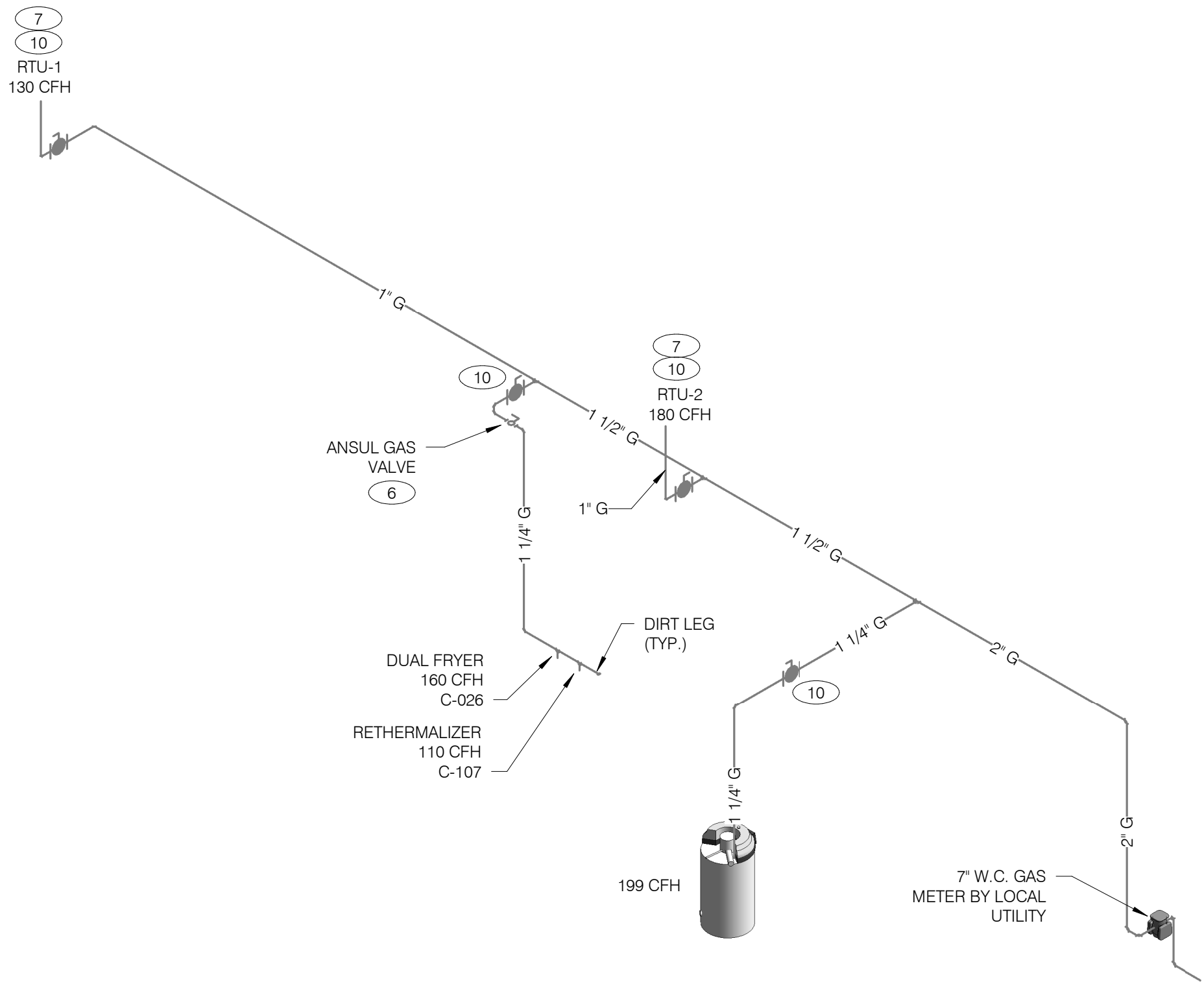
WATER ISOMETRIC NTS 4



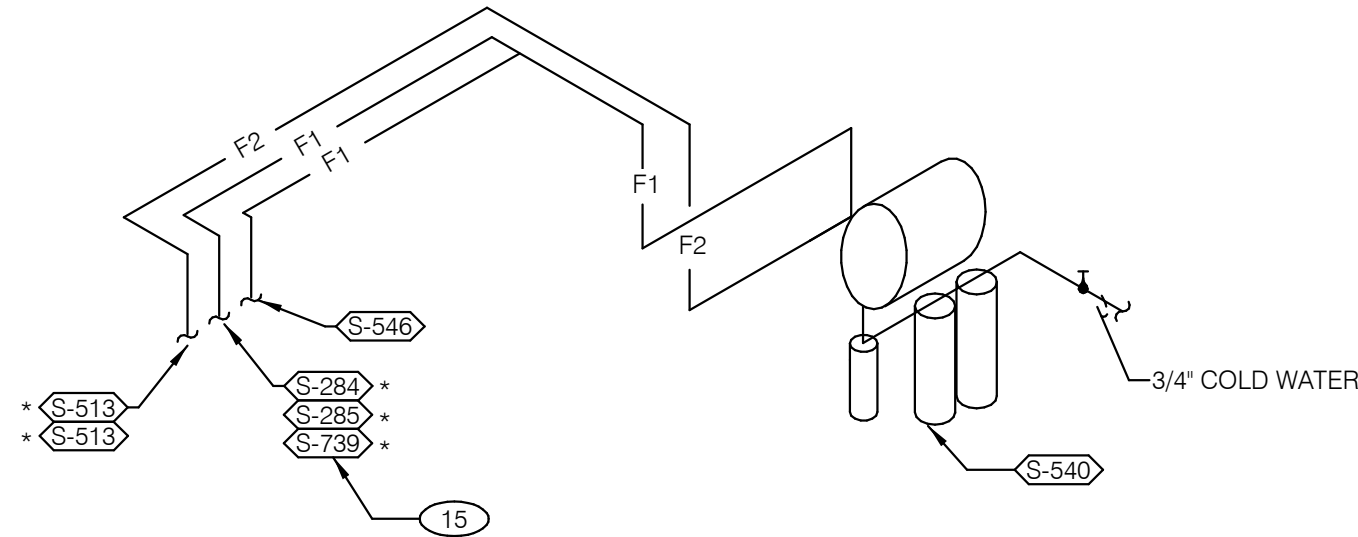
WASTE AND VENT ISOMETRIC NTS 1

GAS DEMAND SCHEDULE	
RTU-1	130 CFH
RTU-2	180 CFH
WH-1	199 CFH
DUAL FRYER	160 CFH
RETHERMALIZER	110 CFH
TOTAL DEMAND 779.0 CFH = 779,000 BTUH	
NOTE: COORDINATE GAS DEMAND REQUIREMENTS WITH SITE-SPECIFIC RTU DESIGN.	

PIPE SIZE BASED ON 100' OF PIPE
AND 7" W.C. OPERATING PRESSURE



GAS ISOMETRIC NTS 5



FILTERED EQUIPMENT AND LINES:
S-540 - WATER FILTER

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

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

FILTERED WATER ISOMETRIC NTS 2

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.

2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.

3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.

4 THERMOSTATIC MIXING VALVE.

5 LINE SIZE SHUT-OFF VALVE ON DOMESTIC WATER SERVICE ENTRY.

EMERGENCY GAS SHUT-OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACTUATOR, SUITABLE FOR USE ON GAS PIPING SYSTEMS. VALVE SHALL BE ACTIVATED BY ANY OF THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT-OFF VALVE.

7 GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.

8 PROVIDE NO HUB CAST IRON PIPE FOR FIRST 10 FEET OF PIPE FROM CONNECTION TO FLOOR SINK FS-2

9 PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN. RUN FULL SIZE PIPE FROM VALVE WITH TYPE "K" COPPER TUBING.
- 10 PROVIDE GAS SHUT-OFF VALVE IN CEILING SPACE.

11 1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.

12 1/2" COLD WATER CONNECT TO REVERSE OSMOSIS FILTER AND 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF ON CW PIPE PRIOR TO CONNECTION TO FILTER.

13 1/2" RO WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF M.A.P.S. LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.

14 1/2" COLD WATER TO HOT WATER SYSTEM FILTER.

15 TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.

16 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.

KEYNOTES - ISOMETRICS NTS 3

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: DJ
JOB NO.: 2021088.54

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Shelby, NC 28152

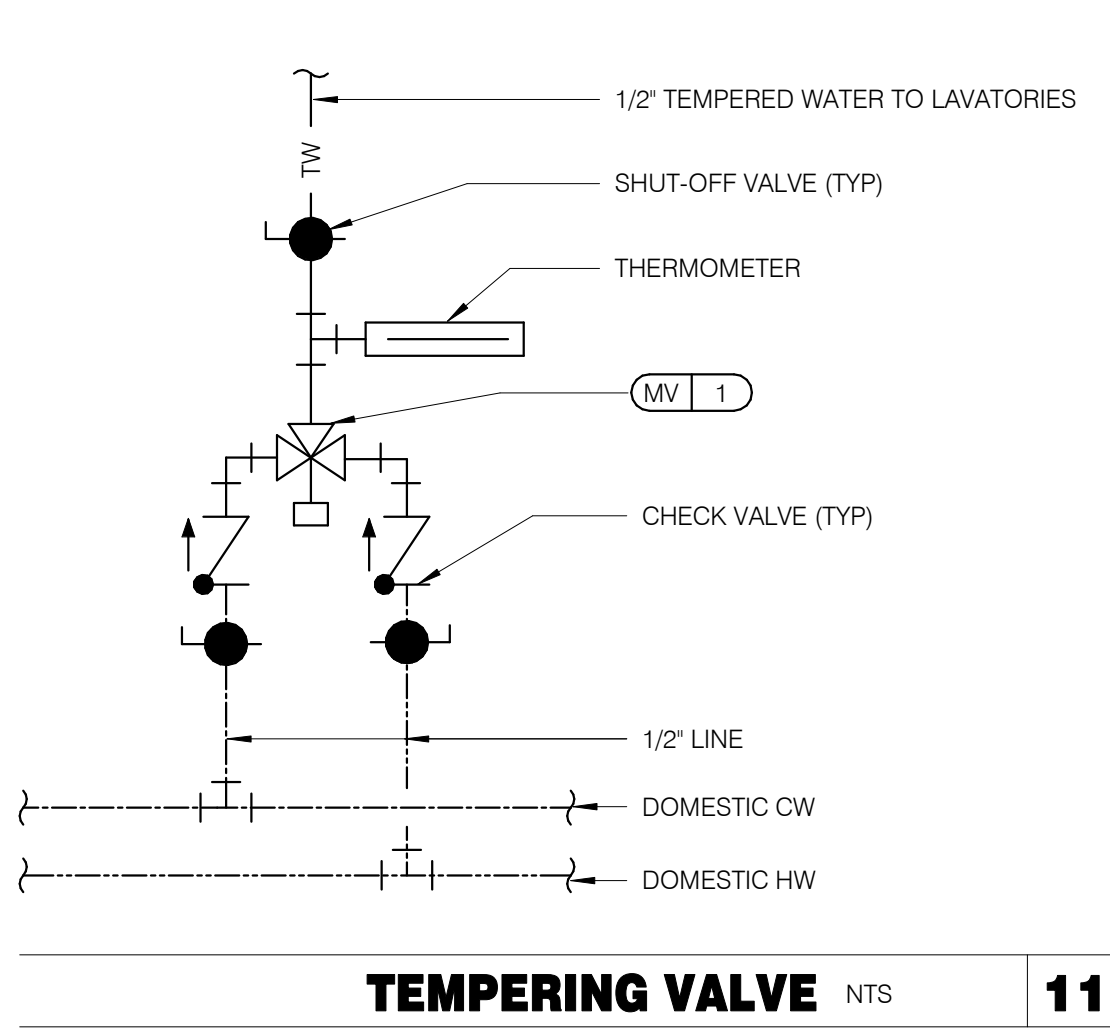


ENDEAVOR 2.0
RISER
DIAGRAMS

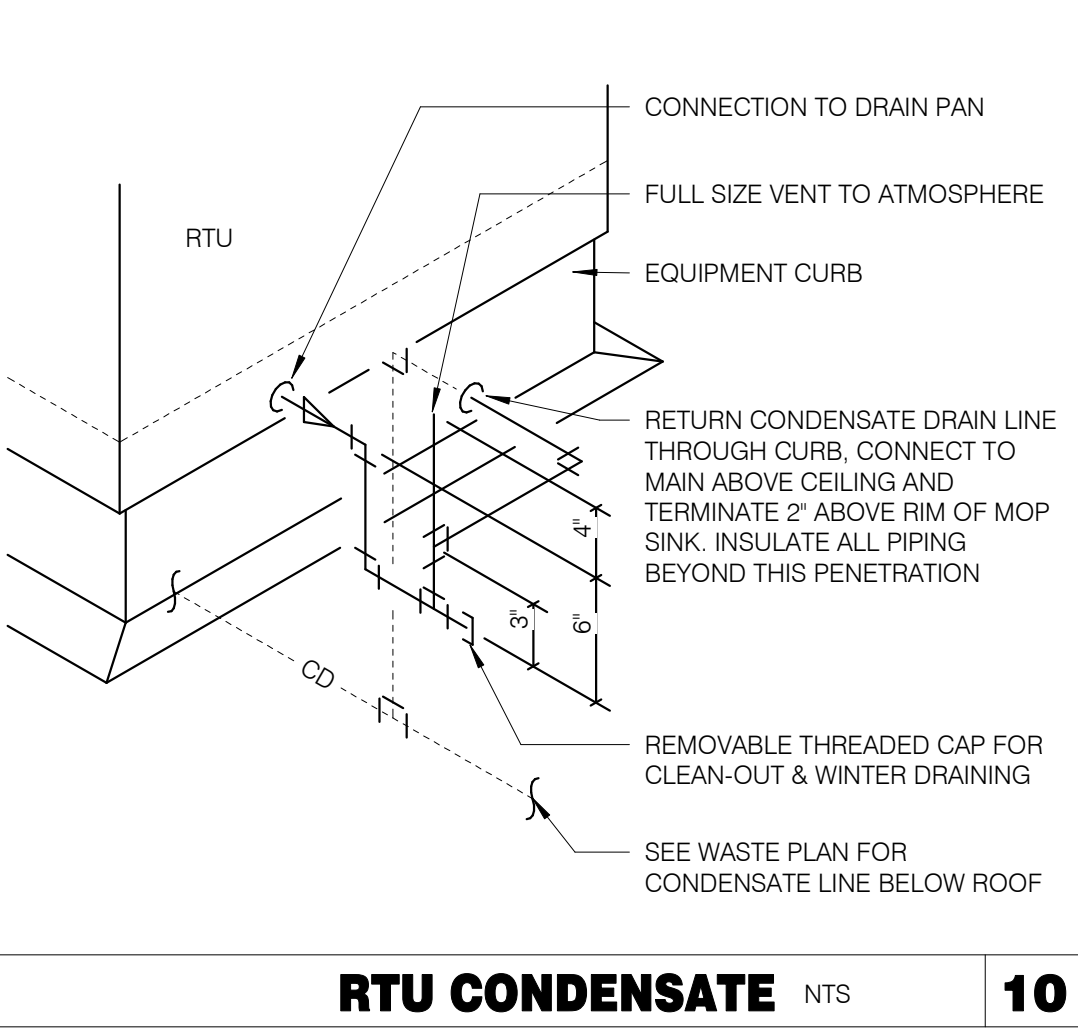
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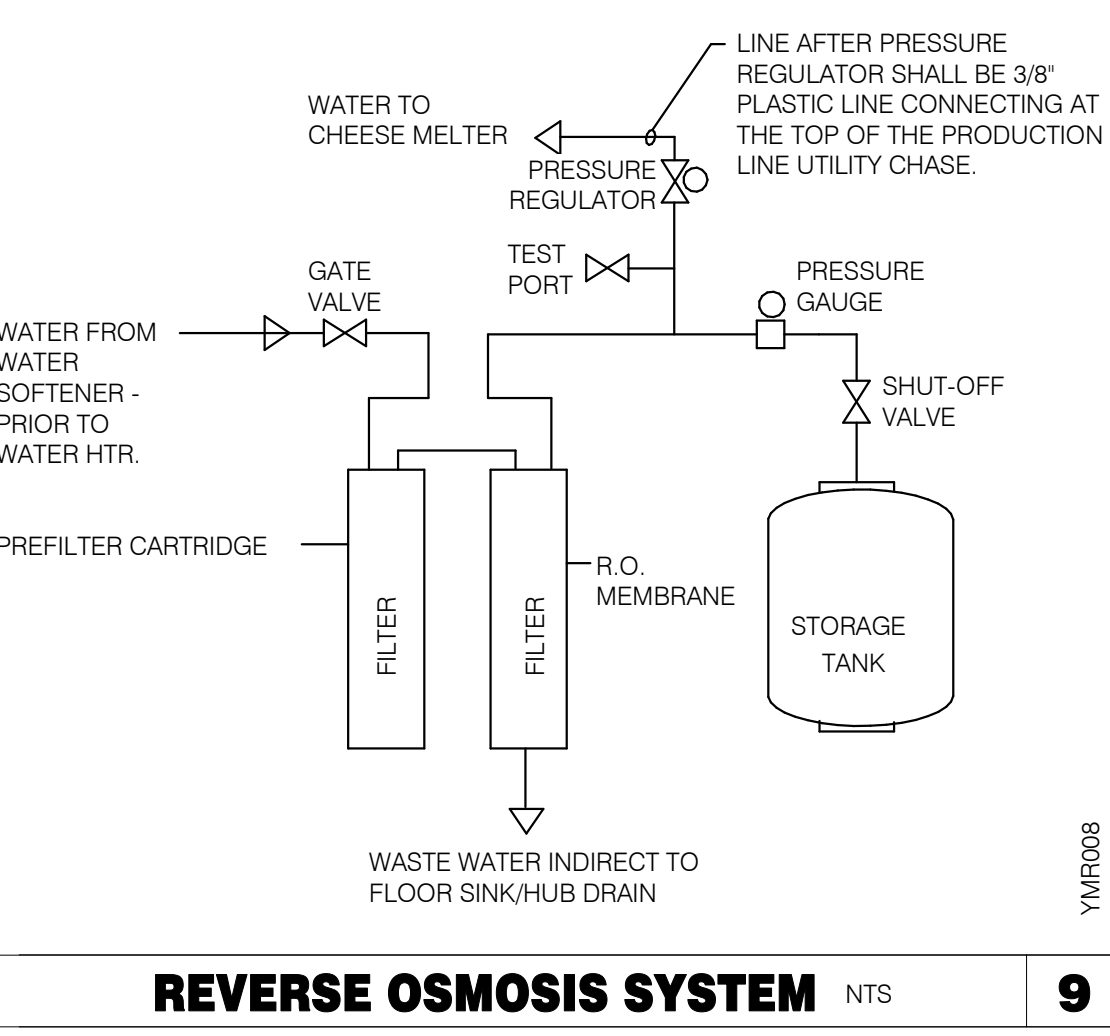
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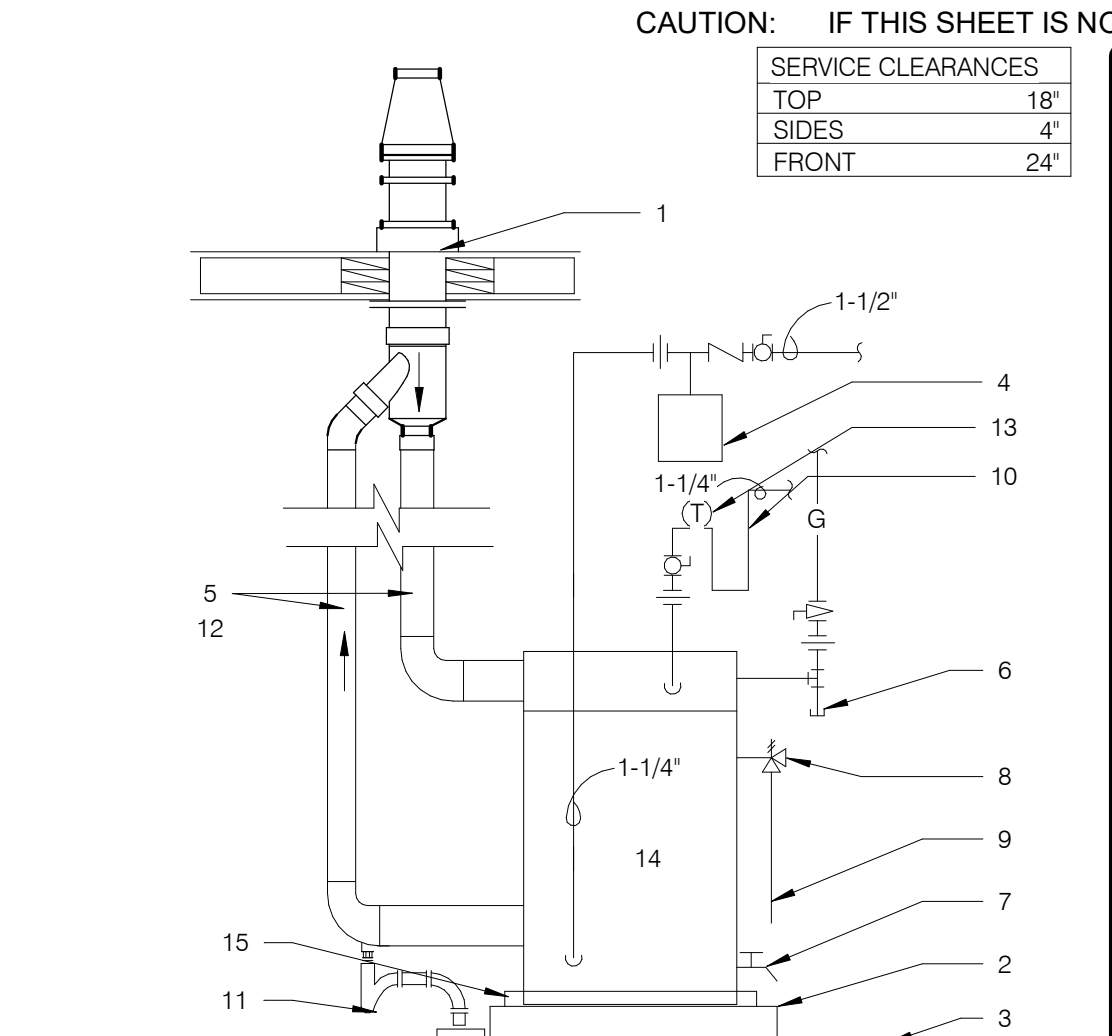
TEMPERING VALVE NTS 11



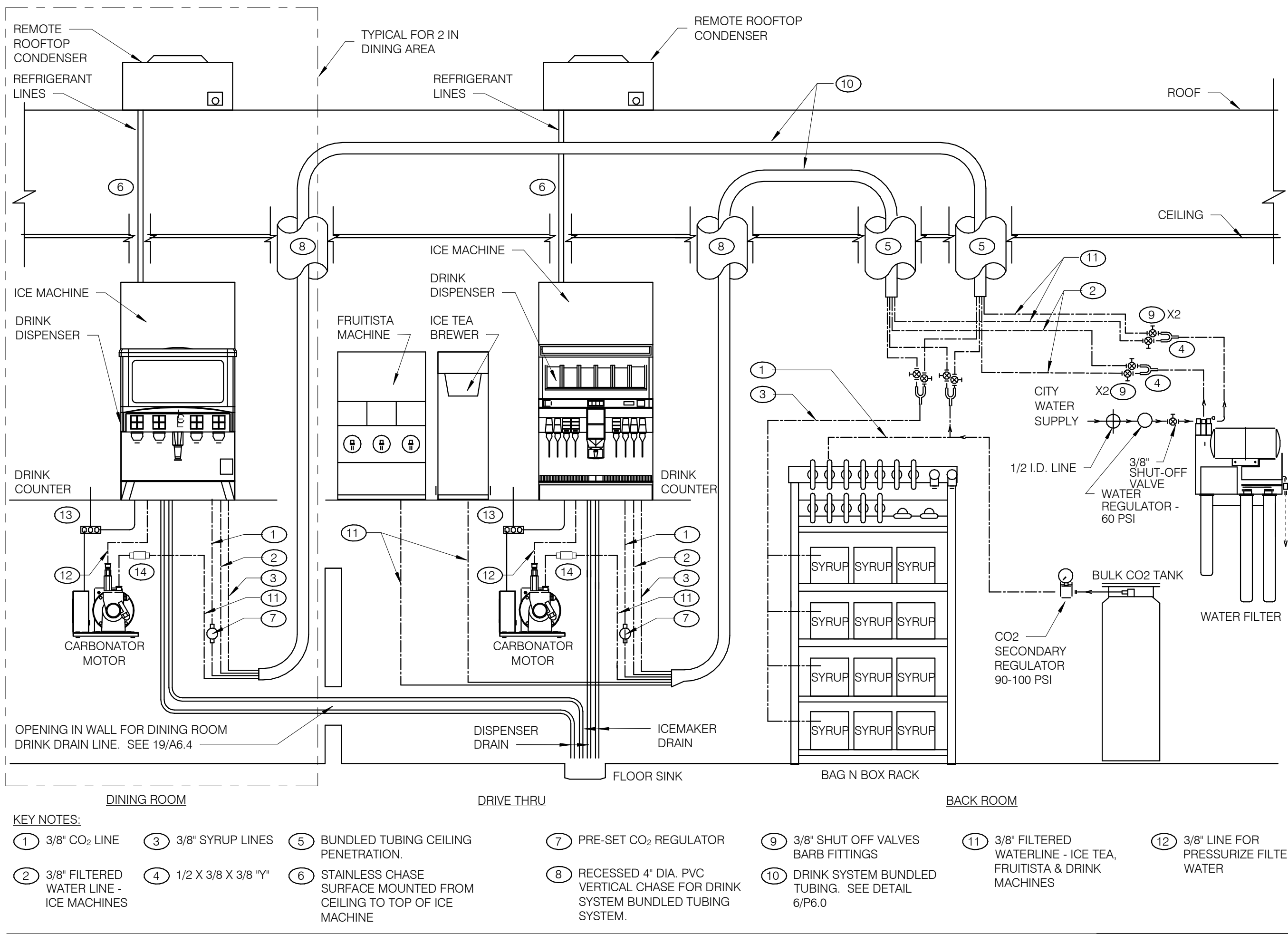
RTU CONDENSATE NTS 10



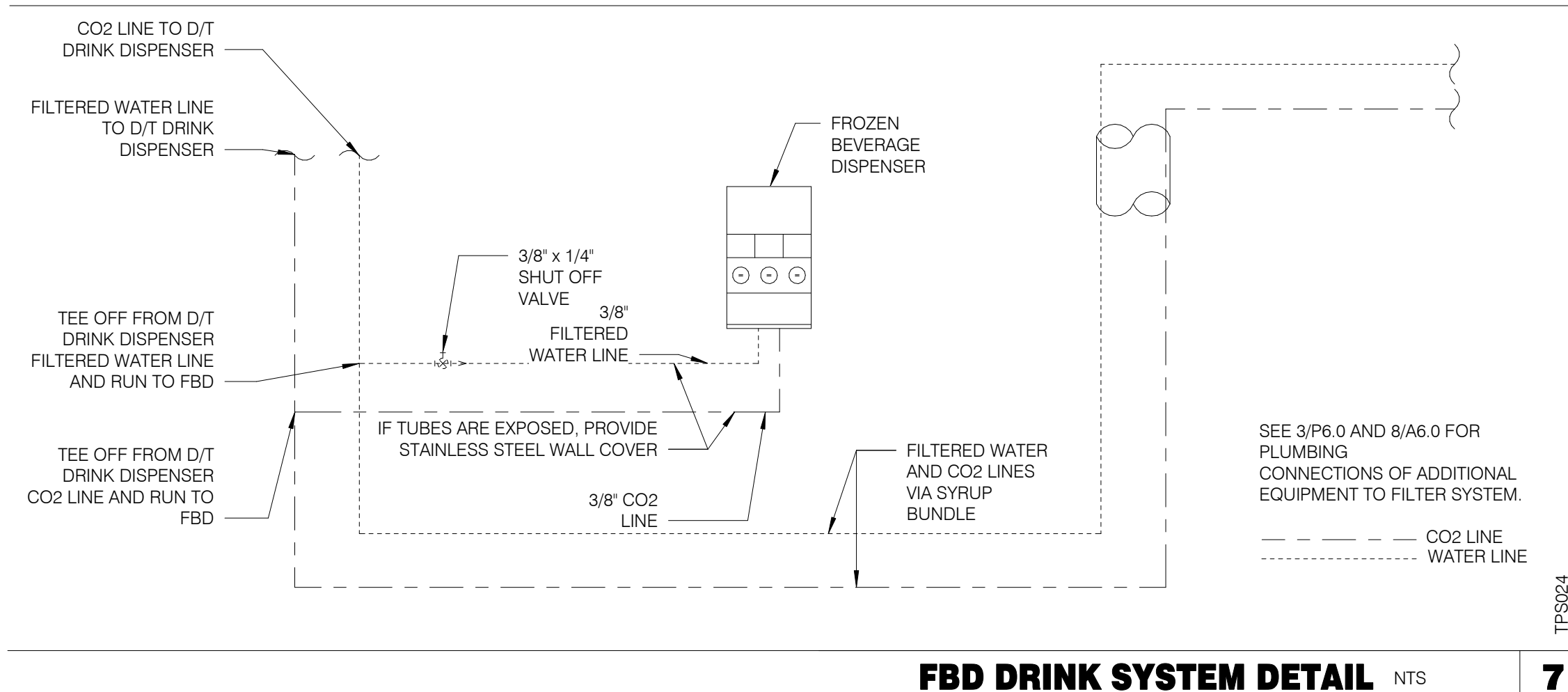
REVERSE OSMOSIS SYSTEM NTS 9



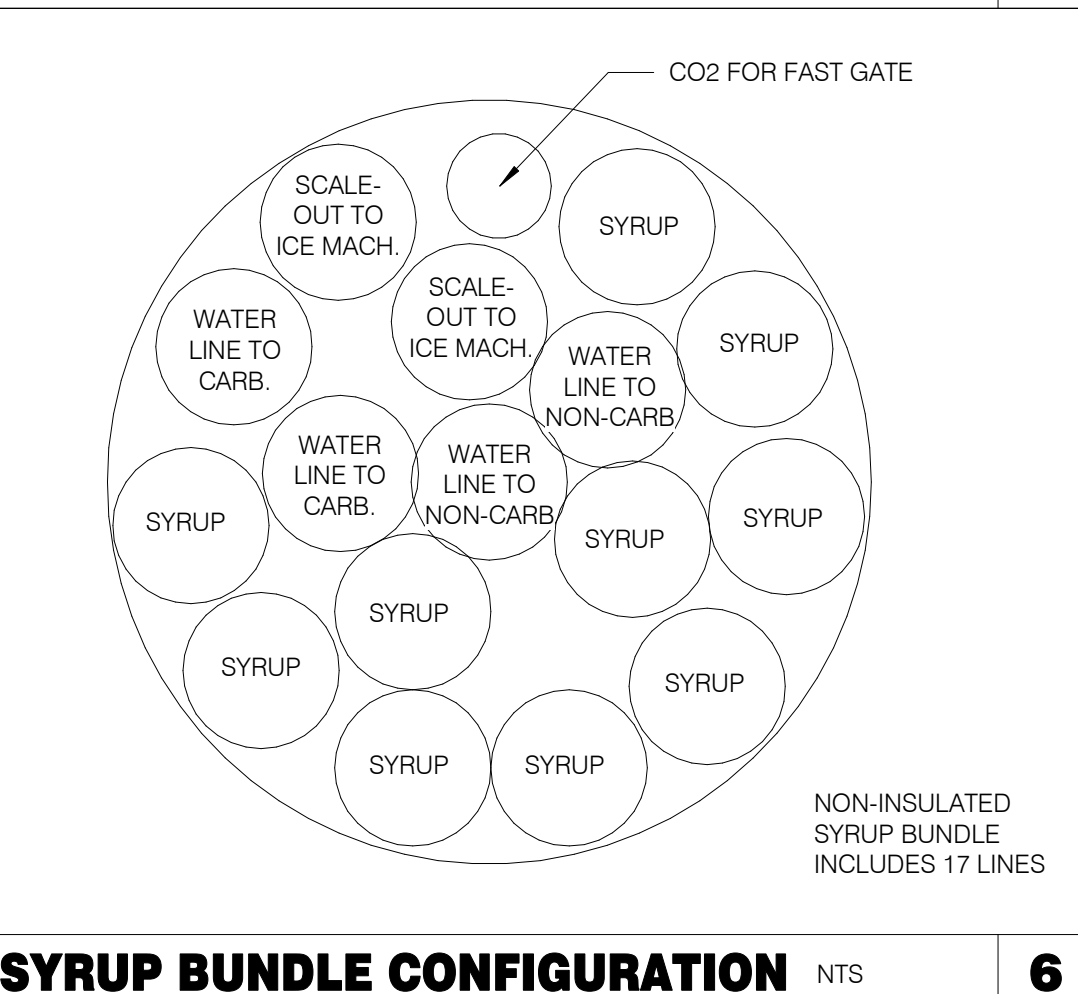
WATER HEATER NTS 2



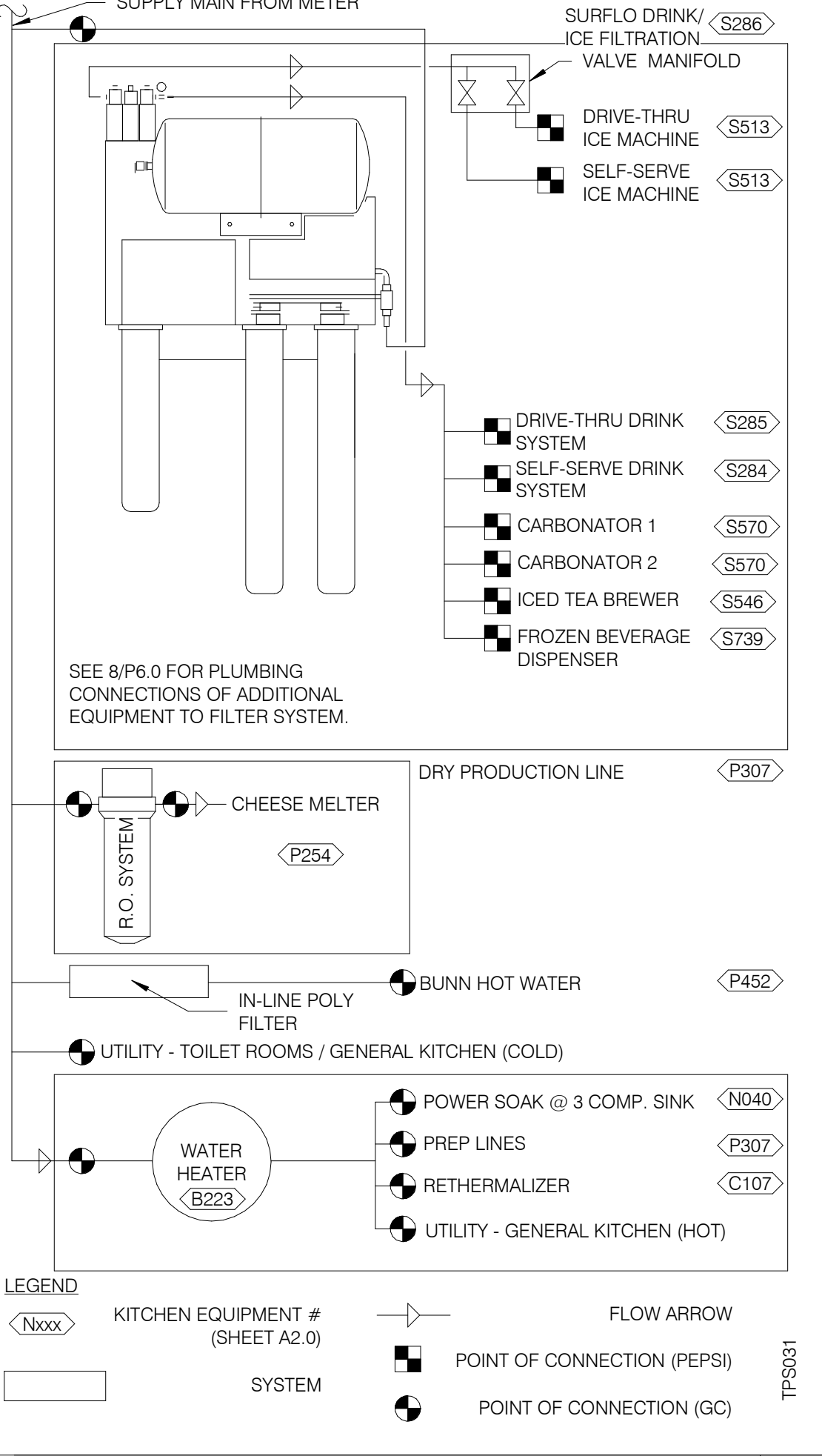
DRINK SYSTEM SCHEMATIC NTS 8



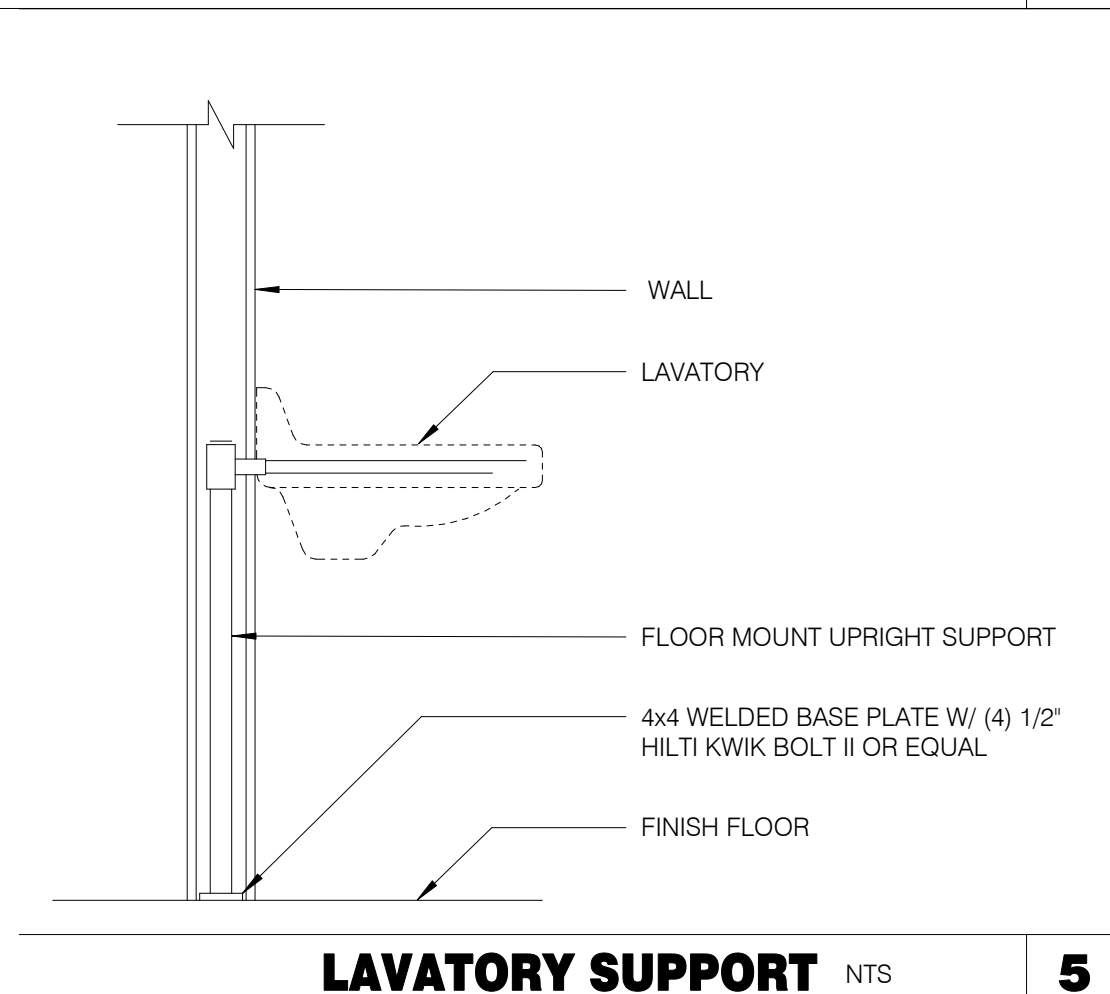
FBD DRINK SYSTEM DETAIL NTS 7



SYRUP BUNDLE CONFIGURATION NTS 6

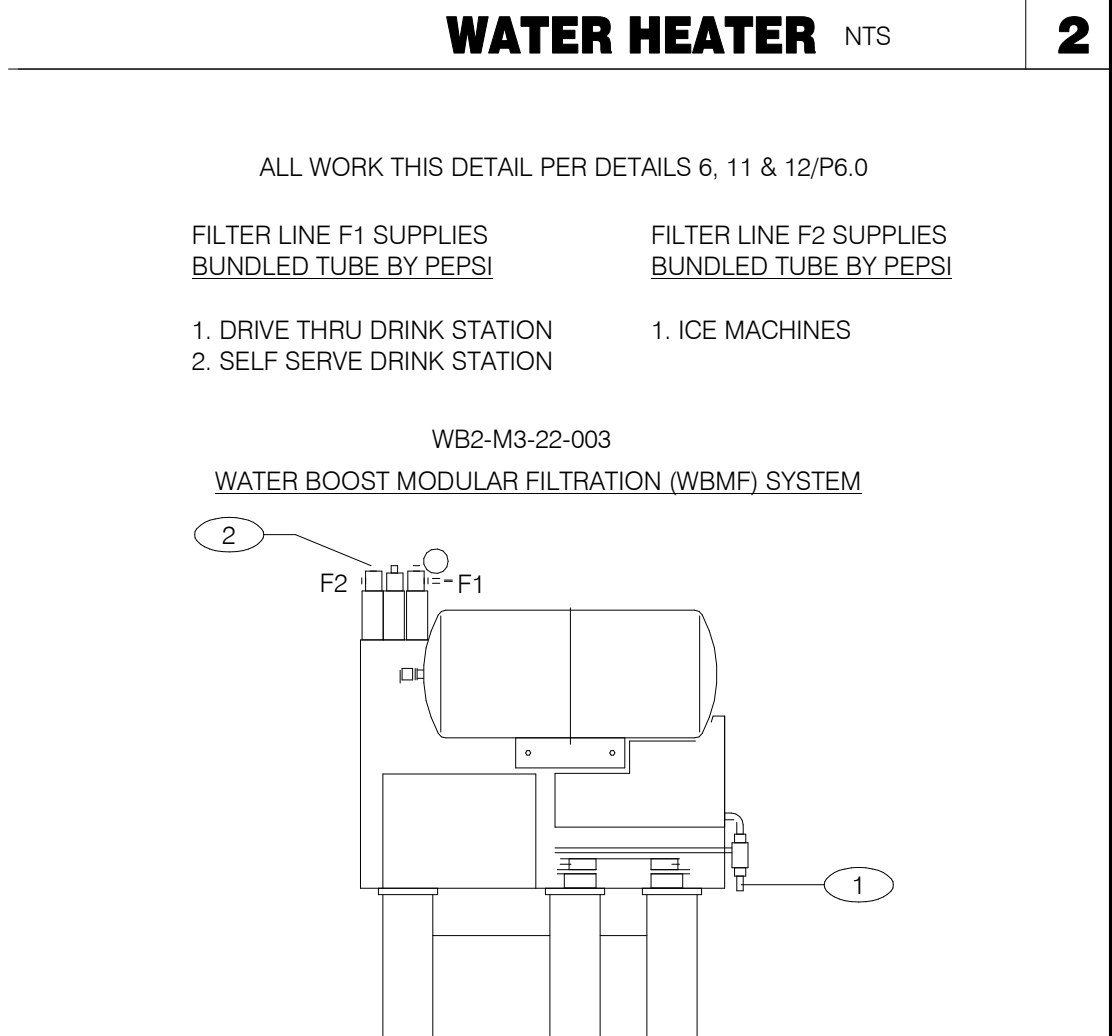


WATER FILTRATION SCHEMATIC NTS 3

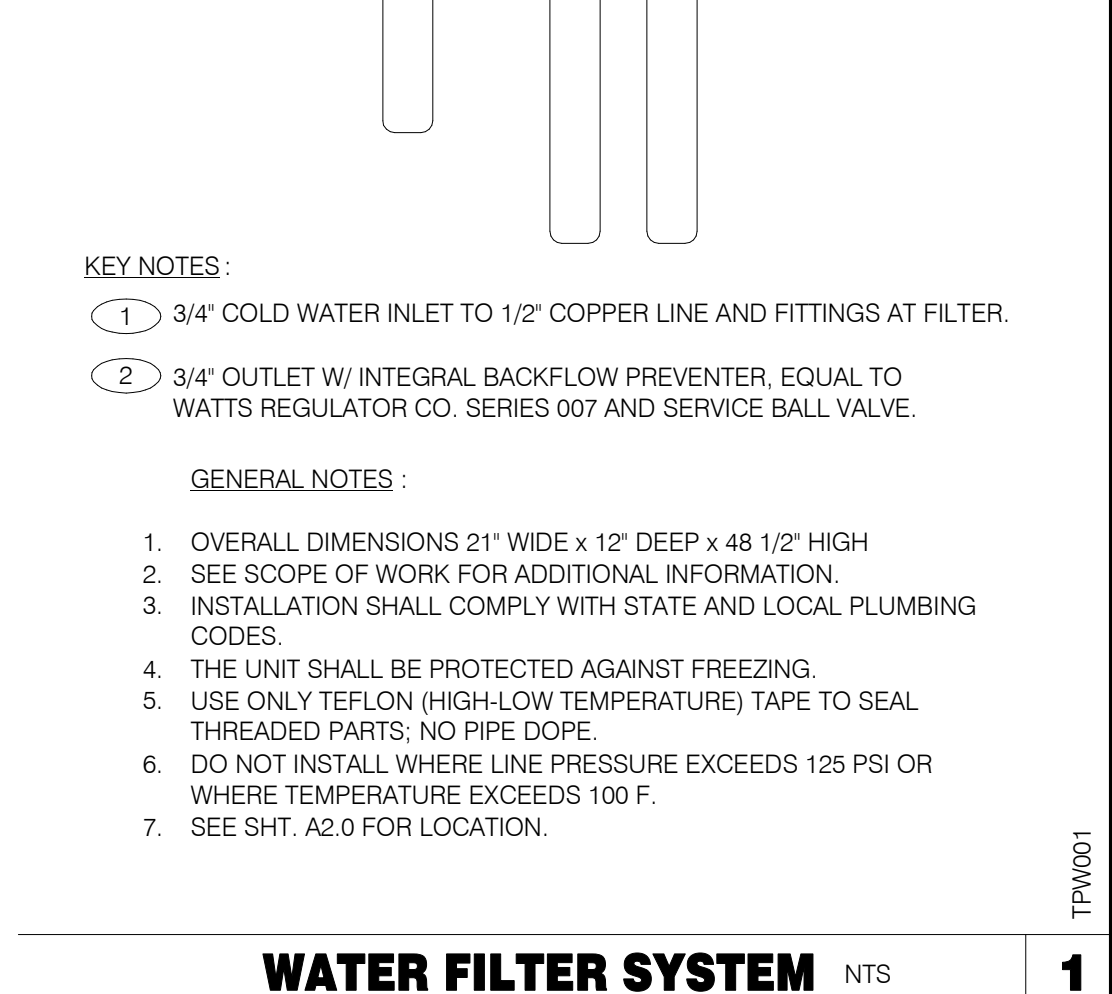


LAVATORY SUPPORT NTS 5

- 1 FLUE THRU ROOF
2 4" CONCRETE PAD
3 FINISHED FLOOR
4 THERMAL EXPANSION TANK BY WATTS - SEE PLUMBING SCHEDULE - STRAP AND SUPPORT TO WALL
5 SCHEDULE 40 PVC, MINIMIZE TURNS AND TRANSITIONS.
6 GAS COCK VALVE WITH FULL SIZE DIRT LEG
7 3/4" DRAIN WITH VALVE & CAP
8 COMBINATION TEMPERATURE AND PRESSURE RELIEF PER LOCAL CODE
9 RUN T&P DISCHARGE FULL SIZE TO HUB DRAIN
10 22" DEEP HEAT TRAP
11 P-TRAP AND LINE TO DRAIN PROVIDED BY MANUFACTURER. LEAVE AIR GAP BETWEEN BOTTOM OF TRAP AND DRAIN. SEE DETAIL 4/P2.0
12 SUPPORT VENT PIPE RUNS EVERY 5'-0" VERTICALLY AND EVERY 3'-0" HORIZONTALLY.
13 OUTLET THERMOMETER PROVIDED BY MFR. LOCATE WITHIN 12" OF W.H. OUTLET.
14 SEE DETAIL 2/P6.1 FOR SCHEDULE OF ITEMS PROVIDED BY W.H. MFR.
15 DRAIN PAN TO HUB DRAIN.



WATER FILTER SYSTEM NTS 1



WATER FILTER SYSTEM NTS 1

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

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DATE	REMARKS
09.27.22	IFB

CONTRACT DATE: 05.04.22
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BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: DJ
JOB NO.: 2021088.54

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ENDEAVOR 2.0
PLUMBING
DETAILS

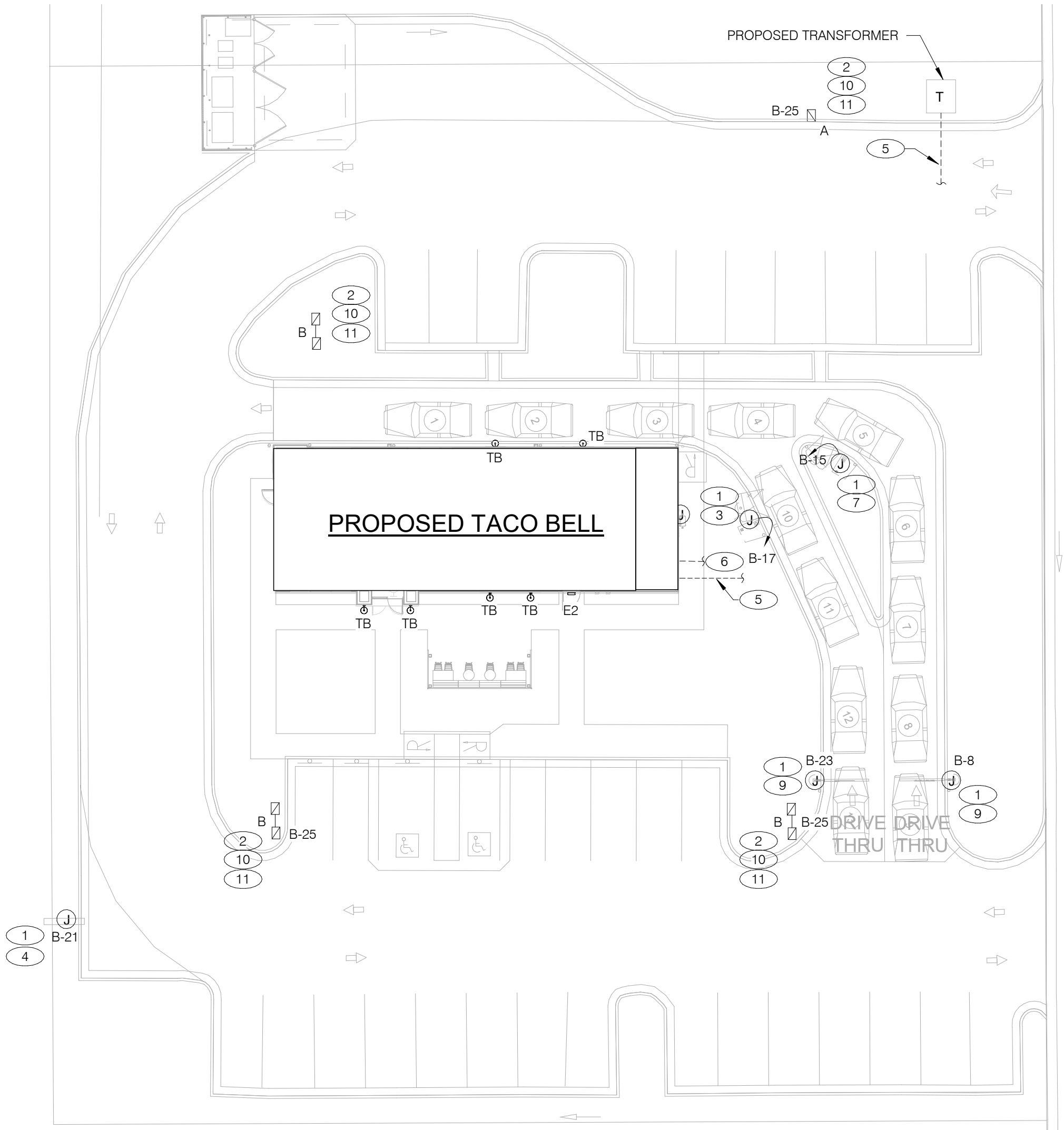
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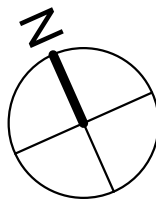


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CLEVELAND MALL RING ROAD
DB 18V, PG 1; DB 1137, PG 2478
SEE PB 15, PG 96



CONDUIT SCHEDULE

DEVICE	POWER	DATA
DIRECTIONAL	(1) 1"	-
SPEAKER POST	(1) 1"	(1) 1"
MENUBOARD	(1) 1"	(2) 1"

- 1

1" C. - (2) #8, #8 GRD. (TYP. FOR ENTIRE CIRCUIT.)
- 2

REFER TO LIGHTING FIXTURE SCHEDULE ON E4.0 FOR ADDITIONAL INFORMATION ON LIGHTIN FIXTURES. (TYPICAL)
- 3

DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. REFER TO CIVIL DRAWINGS.
- 4

LED PYLON SIGN.
- 5

UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- 6

PROVIDE SEPARATE (2) 2" TELEPHONE AND (2) 2" CABLE (HIGH SPEED INTERNET INCLUDED) CONDUITS TO CONNECTION ON SITE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- 7

SPEAKER POST AND CANOPY. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.

8

NOT USED.

9

CLEARANCE BAR. REFER TO CIVIL DRAWINGS.

10

LED SITE LIGHTING, REFER TO PHOTOMETRIC DRAWING.

11

1" C. - (2) #8, #8 GND.

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1 09.27.22	IFB

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BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: AJR
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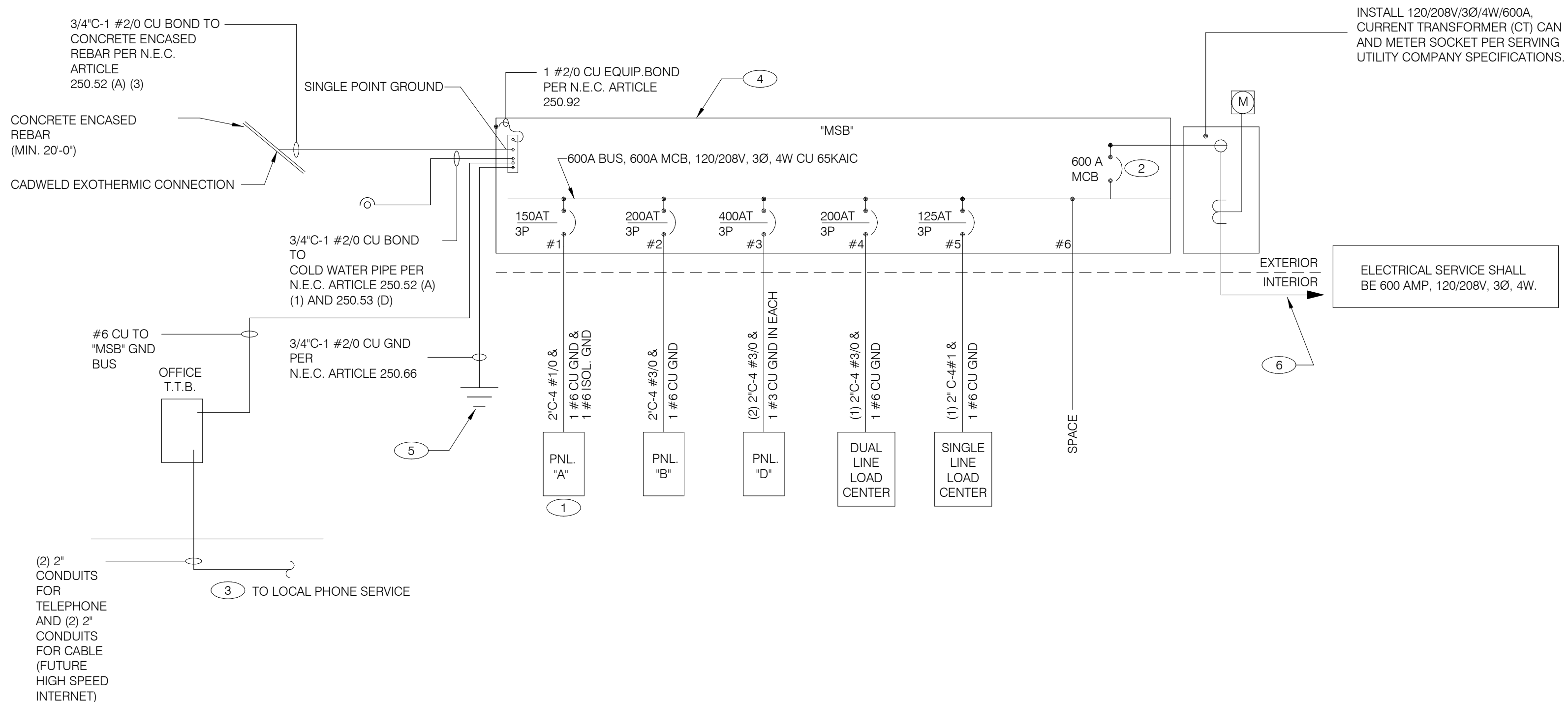
ENDEAVOR 2.0
SITE
ELECTRICAL
PLAN

E1.0

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1	09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
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DRAWN BY.:	AJR
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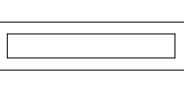























ENDEAVOR 2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND

E2.0

PLOT DATE: 9/27/2022 10:08:51 AM

SINGLE LINE DIAGRAM NTS

A

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

ELECTRICAL LEGEND

D

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", "C" 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. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
3. 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.
4. 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.
5. ALL WIRING SHOWN SHALL BE COPPER TYPE "THN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
6. ARMOR CABLE ACCEPTABLE FOR THE LAST 6'-0" FROM A JUNCTION BOX TO LIGHT FIXTURES. ARMOR CABLE IS NOT ALLOWED FOR NON-ACCESSIBLE FLOORS, WALLS AND CEILINGS.

ONE LINE DIAGRAM GENERAL NOTES

C

- 1 WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.
- 2 PROVIDE 100% RATED MAIN CIRCUIT BREAKER IN MDP.
- 3 PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE AND 2" CONDUIT FOR FUTURE HIGH SPEED CABLE.
- 4 VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.
- 5 (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
- 6 PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL CU. IN EACH OF (2) 3". TO PAD MOUNT TRANSFORMER. GC/ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500 KCMIL AL. IN EACH (2) 3-1/2".

ONE LINE DIAGRAM KEY NOTES

2



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COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																			
EQUIPMENT IDENTIFICATION				EQUIPMENT ELECTRICAL CHARACTERISTICS				EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT							
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/LRA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	SUPPLIED BY	INSTALLED BY	NOTES		
B-223	O	B-223 WATER HEATER IGNITION	120 V/1-744 VA	6.2	7.2	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
B-381	O	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
C-026	KR	FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2		
C-107	O	RE THERMALIZER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2		
C-400	O	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2		
DCL	O	DUAL COOK LINE	208 V/3-52000 VA	145	145	200	200	1	4#3/0 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8		
E1AN	O	TBANS SHUNT PANEL	120 V/1-500 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8		
F-040	O	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
F-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
F-090	O	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
F-174	O	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
IR-01	O	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8		
L-044	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
L-045	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
N-043	KR	POWER SOAK	208 V/2-4740 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	8		
N-044	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
P-417	O	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2		
R-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-204	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-289	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-200 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2		
S-540	O	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-544	O	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-546	O	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-550	O	BAG IN BOX RACK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
S-552	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	2		
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2		
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2		
SCL	O	SINGLE COOK LINE	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8		
U-011	O	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	.24	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
U-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
U-061	O	RECEIPT PRINTER		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
U-070	O	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2		
W-XX1	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	2		

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

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

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

Panel: D

Location: Supply From: MSB

Mounting: Recessed

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: SERIES

Mains Type: M.L.O.

Mains Rating: 400 A

MCB Rating: N/A

Notes:

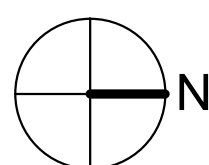
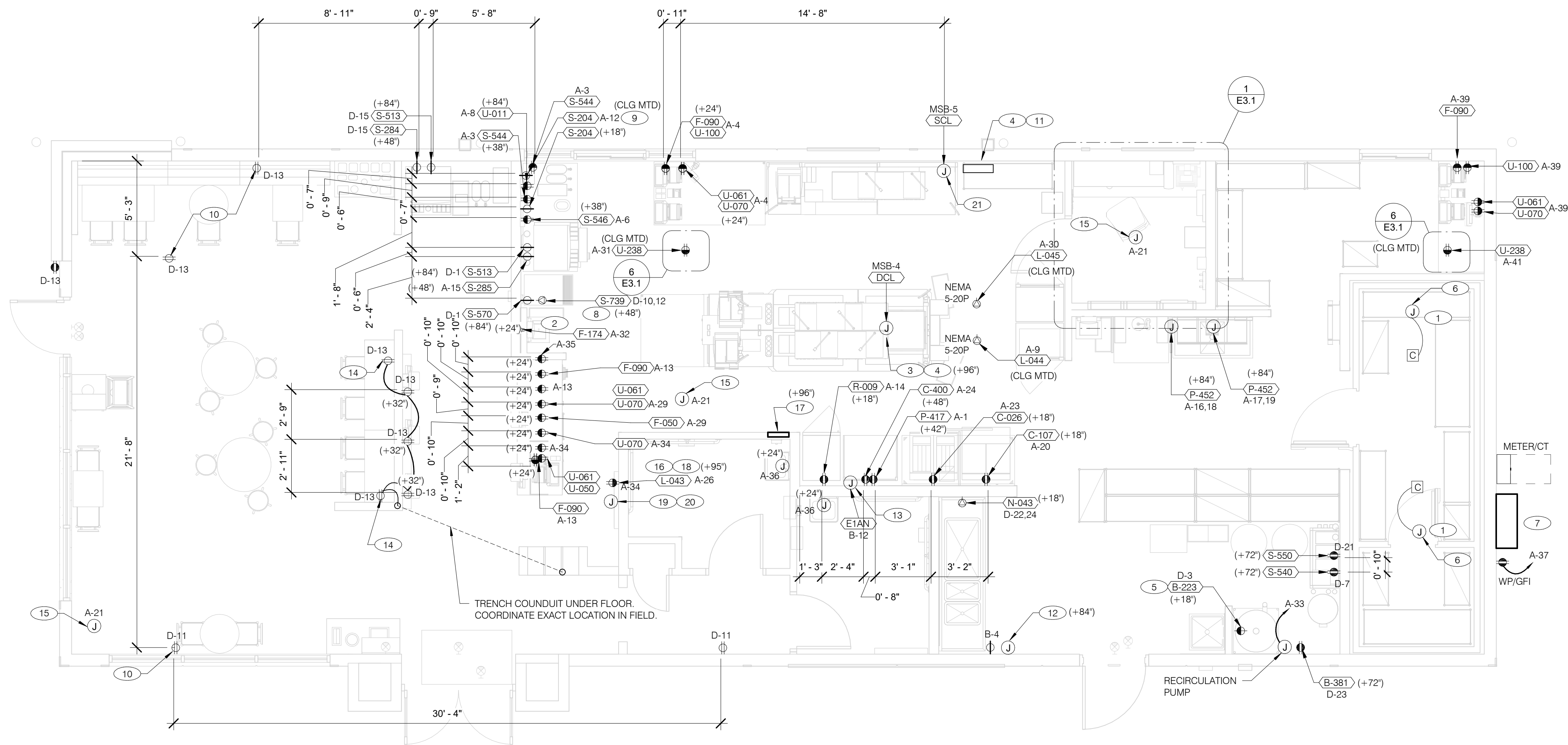
NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES	
GF	1	CARBONATOR	15 A	1	276 VA	0 VA			1	20 A	Spare	2	
GF	3	B-223 WATER HEATER IGNITION	20 A	1		744 VA	1000...		1	20 A	ALTERNATE PAYMENT ROUTER BOX...	4	
	5	OC SWITCHED RECEPTACLE	20 A	1			180 VA	680 VA	1	20 A	IRRIGATION TIMER AND RECEPTACLE	6	GF
GF	7	S-540 PEPSI BOOSTER TANK	20 A	1	564 VA	500 VA			1	20 A	MUSIC SYSTEM J-BOX AND...	8	
	9	RECEPTACLES - ROOF	20 A	1		540 VA	1560...		2	30 A	S-739 FROZEN BEV. DISP.	10	GF
	11	CONVENIENCE RECEPTACLES	20 A	1				360 VA	1560...			12	
	13	GENERAL PURPOSE RECEPTACLES	20 A	1	1440...	1600...			2	20 A	ICE MAKER CONDENSER D/T	14	
GF	15	DRINK FOUNTAIN - S-284 AND R-XX1	20 A	1		1254...	1600...					16	
	17	ICE MAKER CONDENSER	20 A	2			1600...	1600...	2	20 A	ICE MAKER CONDENSER	18	
	19				1600...	1600...						20	
GF	21	S-550 BAG IN BOX RACK	20 A	1		564 VA	2370...		2	20 A	POWER SOAK	22	GF
	23	B-381 AMPROBE CO2 MONITOR	20 A	1			156 VA	2370...				24	
	25				5040...	500 VA			1	20 A	MUSIC SYSTEM (MUZAK)	26	
	27	RTU-1	50 A	3		5040...	1200...					28	
	29						5040...	1200...	3	15 A	WALK-IN COOLER	30	
	31				5040...	1200...						32	
	33	RTU-2	90 A	3		5040...	1393...					34	
	35						5040...	1393...	3	20 A	WALK-IN FREEZER	36	
	37	Spare	20 A	1	0 VA	1393...						38	
	39	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	40	
	41	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	42	
					Total Load:		20753 VA	22305 VA	21179 VA				
					Total Amps:		173 A	186 A	177 A				
Legend:													

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	4928 VA	100.00%	4928 VA		
HVAC	30240 VA	100.00%	30240 VA	Total Conn. Load: 64237 VA	
Receptacle	2300 VA	100.00%	2300 VA	Total Est. Demand: 60951 VA	
				Total Conn. Current: 178 A	
				Total Est. Demand Current: 169 A	

Notes:



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RECEPTACLE NOTE:	NOTE
ALL RECEPTACLES IN PUBLIC AREAS SHALL BE TAMPER RESISTANT.	5mA GFCI BREAKERS <u>MUST</u> BE USED WHERE OUTLETS REQUIRING GFCI PROTECTION ARE NOT ACCESSIBLE FOR COMPLIANCE WITH NEC 210.8. WHERE GFCI PROTECTION <u>AND</u> SHUNT TRIP IS REQUIRED, THE CIRCUIT SHALL HAVE A GFCI BREAKER AND PASS THROUGH THE TBANS PANEL.REFER TO DETAILS IN E7.0 AND E7.1.

POWER PLAN

$$1/4'' = 1'-0''$$

A

	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	AJR
JOB NO.:	2021088.54

TACO BELL

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Shelby, NC 28152



ENDEAVOR 2.0
**ELECTRICAL
POWER PLAN**

E3.0

PLOT DATE: 9/27/2022 10:08:58 AM

A.	ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.	J.	ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X
B.	ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.	K.	PER SECTION 210.8 NEC 2020, ALL SINGLE PHASE RECEPTACLE RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS, SHALL BE PROVIDED WITH GFCI PERSONNEL PROTECTION.
C.	ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.	L.	DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
D.	CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.	M.	CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
E.	IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.	N.	E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY."
F.	LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.	O.	PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
G.	FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.	P.	ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.
H.	ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.	Q.	FOR ALL CIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL PROVIDE CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.
I.	CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.	R.	OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
		S.	CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

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

GENERAL NOTES - ELECTRICAL POWER PLAN

NTS

C

KEY NOTES - ELECTRICAL POWER PLAN

NTS

B



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

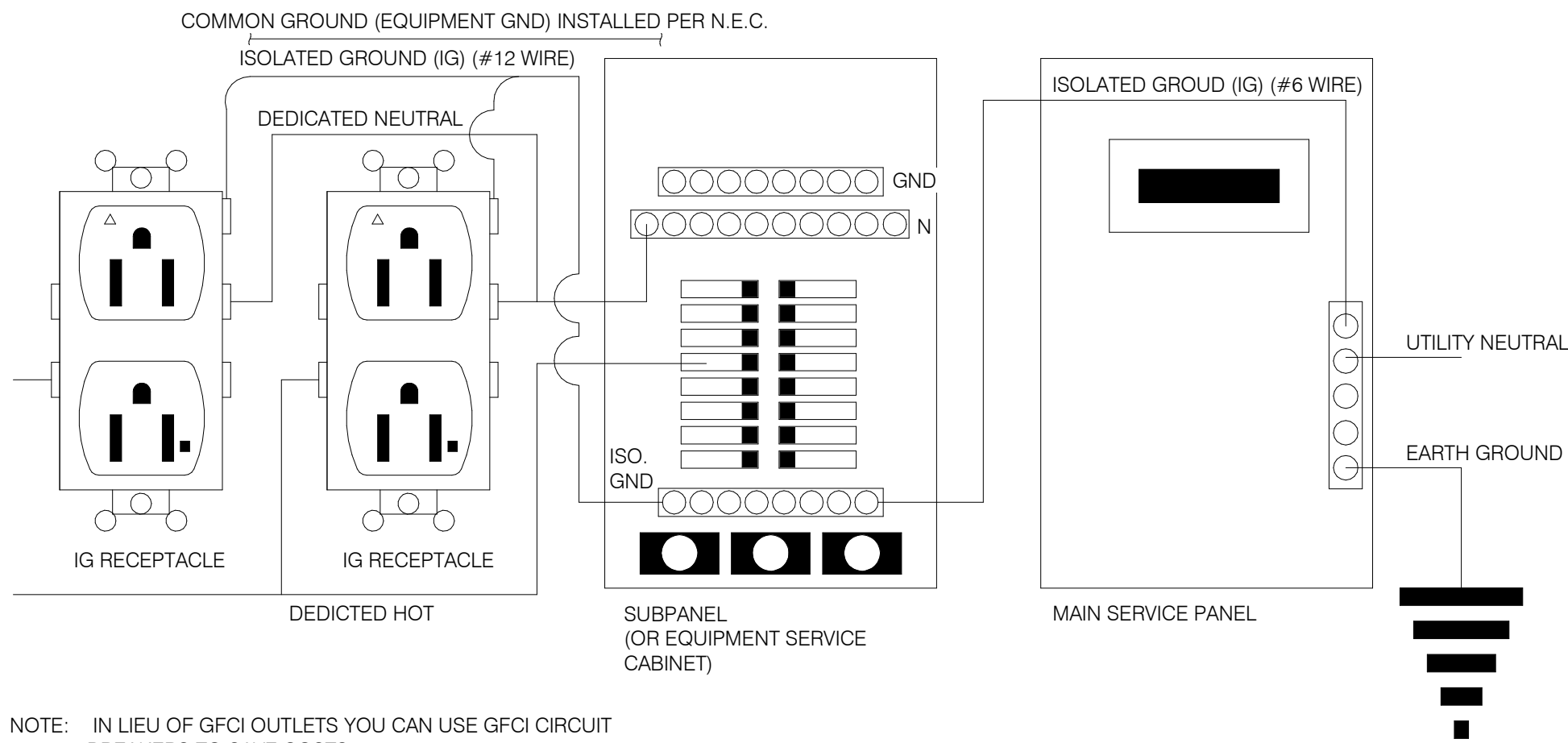
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

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

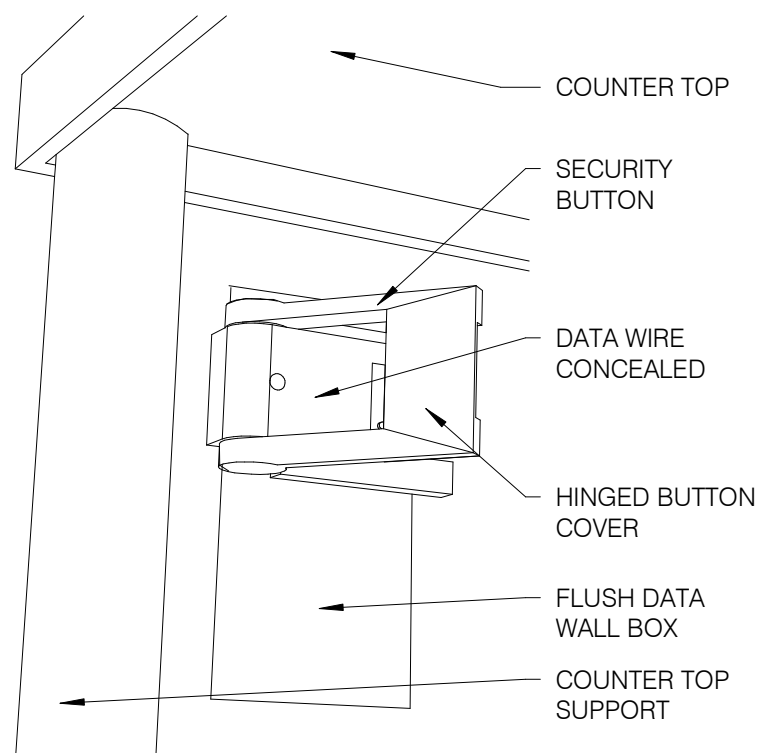
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

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



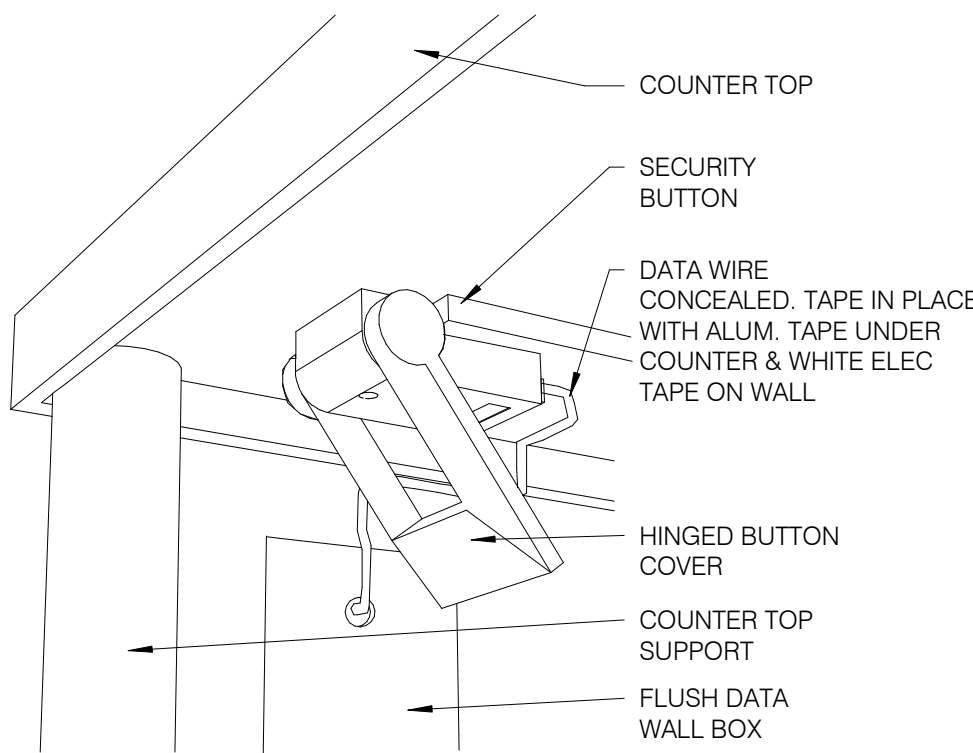
P.O.S. ISOLATED GROUND SYSTEM NTS

YEM011



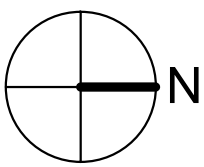
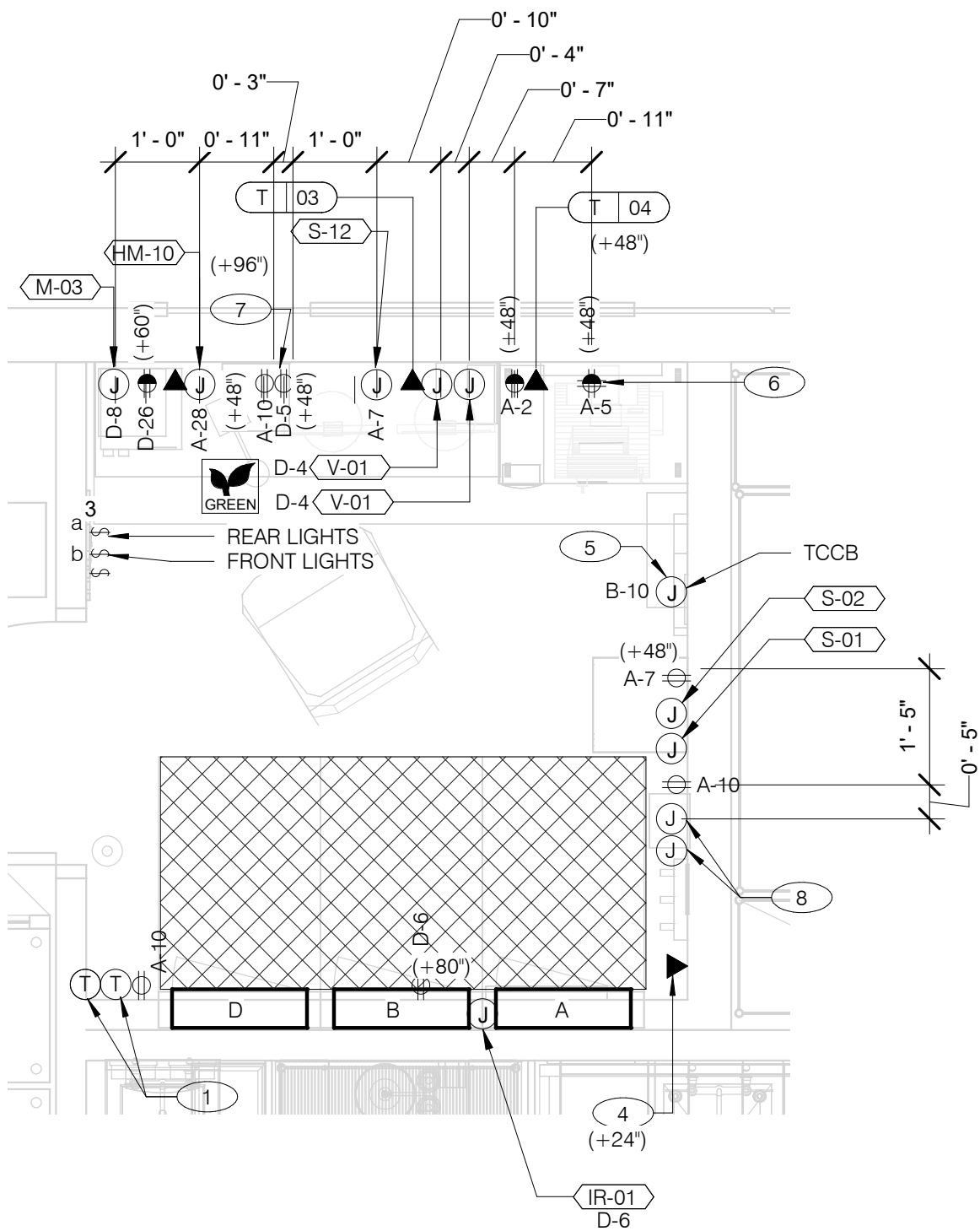
SECURITY BUTTON ON WALL NTS

3



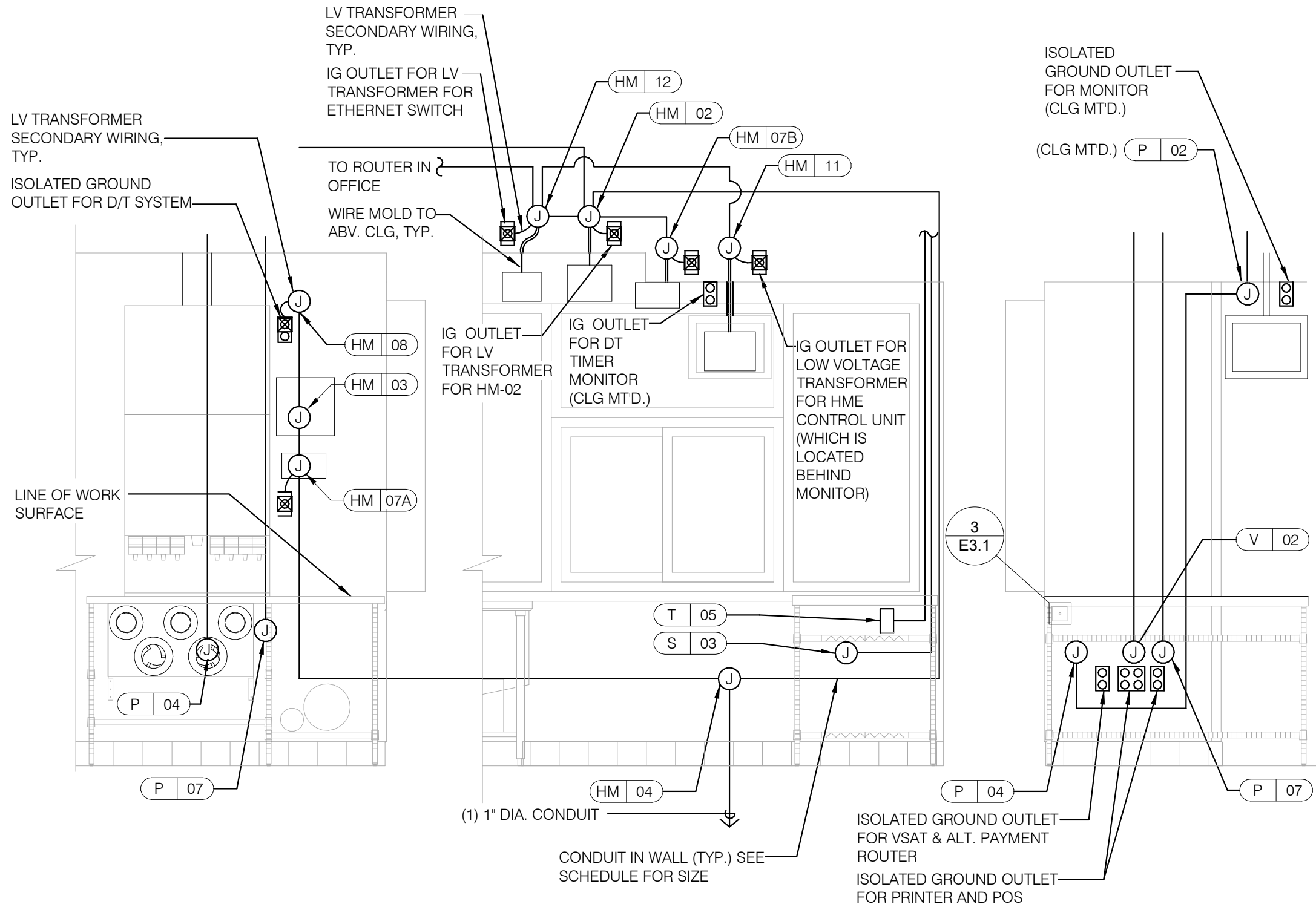
SECURITY BUTTON UNDER COUNTER NTS

4



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

1



REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HTS.

ENLARGED INTERIOR ELEVATION (D/T WINDOW) NTS

7

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

- 1 THERMOSTATS CONTROLS.
- 2 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.
- 7 ROUTE CIRCUIT THROUGH TBCCB OCCUPANCY SENSOR FOR CONTROLLED RECEPTACLE.
- 8 PROVIDE BACK-BOX AND CONDUIT WITH PULLSTRING FOR REMOTE TEST STATIONS PROVIDED BY MECHANICAL. COORDINATE REQUIREMENTS WITH MECHANICAL.

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2021088.54

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ENDEAVOR 2.0
ENLARGED
POWER PLAN
AND DETAILS

E3.1

PLOT DATE: 9/27/2022 10:09:00 AM

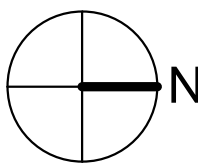
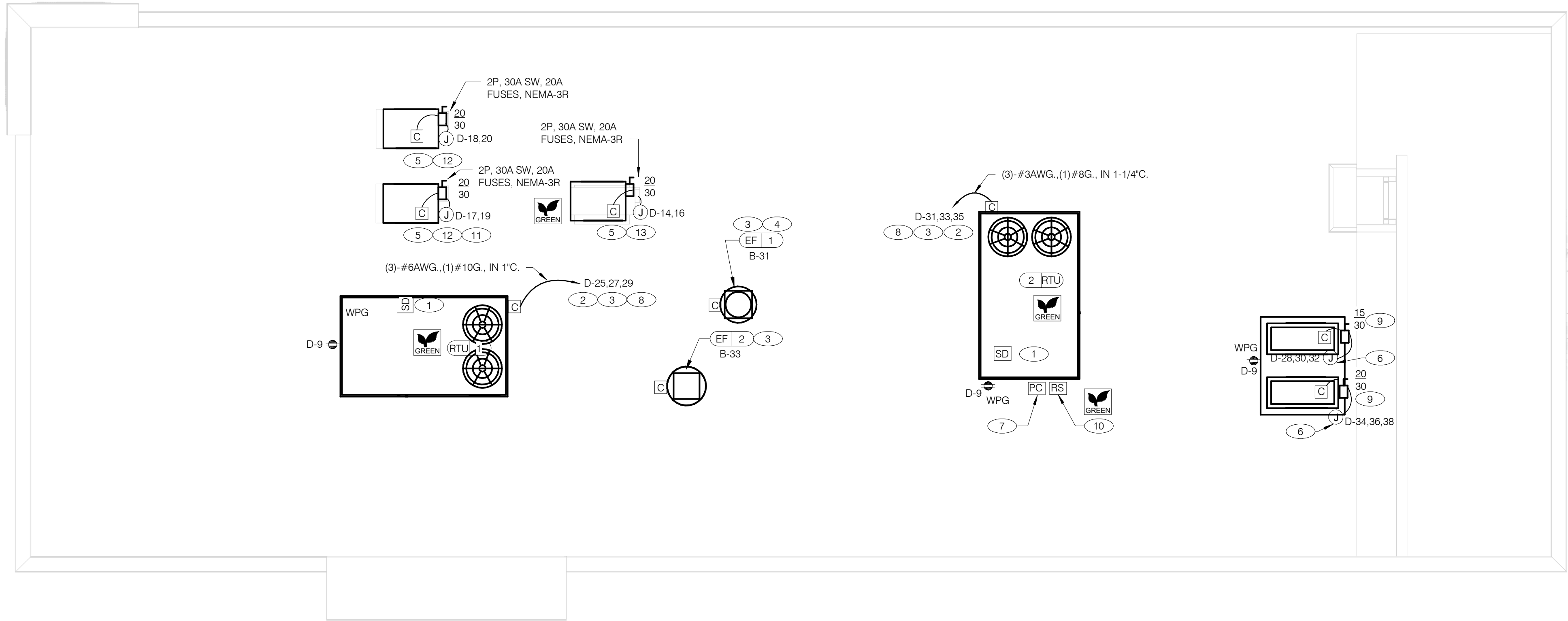
KEY NOTES - ELECTRICAL ENLARGED DETAILS NTS

2



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

A

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

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

- 13 1/2" C. WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE. MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.

GENERAL NOTES - ELECTRICAL POWER ROOF PLAN NTS

C

KEY NOTES - ELECTRICAL POWER ROOF PLAN NTS

B

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2021088.54

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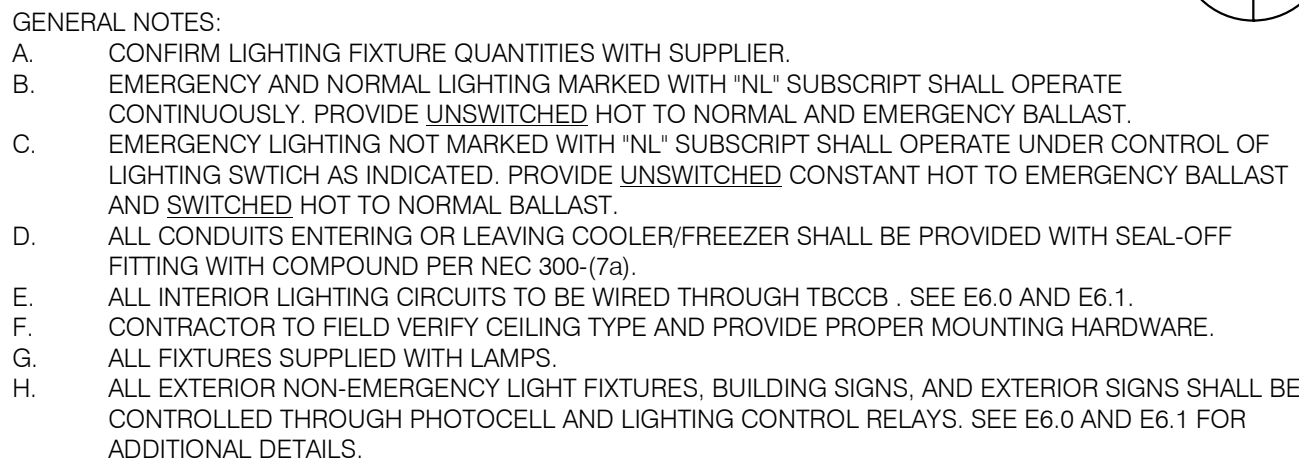
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ENDEAVOR 2.0
ELECTRICAL
POWER ROOF
PLAN

E3.2

PLOT DATE: 9/27/2022 10:09:01 AM



CONTRACT DATE:	05.04.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315647
STORE NUMBER:	458047
PA/PM:	SM
DRAWN BY.:	AJR
JOB NO.:	2021088.54

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PLOT DATE: 9/27/2022 10:09:04 AM

A

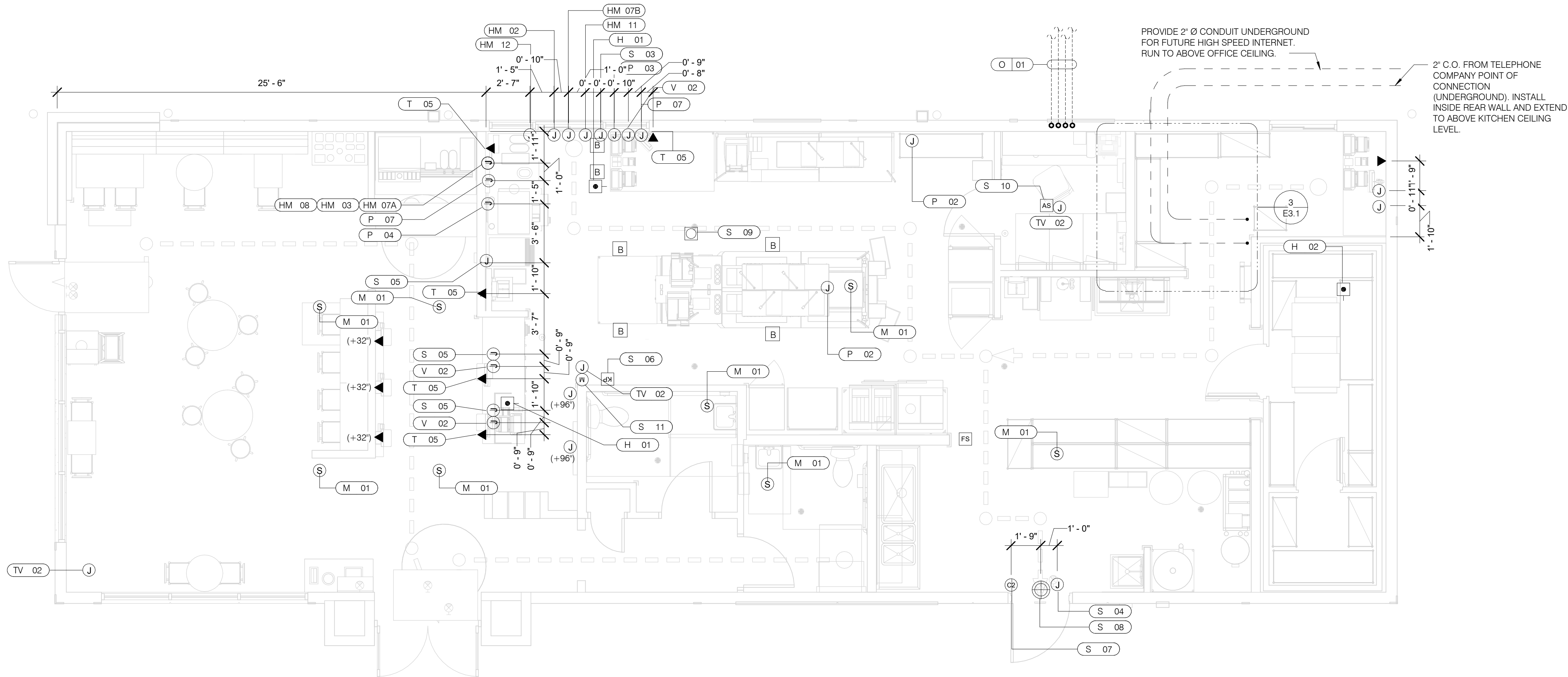
- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 2 FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- 3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- 4 EXHAUST HOOD LIGHT FIXTURES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

NTS

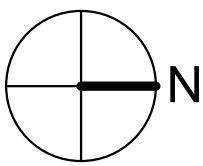


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VOLUME CONTROL NOTES:
1) PATIO SPEAKER: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).
2) DINING ROOM SPEAKERS: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).
3) KITCHEN SPEAKERS: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



COMMUNICATIONS PLAN

1/4" = 1'-0"

A

COMMUNICATIONS ROUGH-IN SCHEDULE

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

COMMUNICATIONS ROUGH-IN SCHEDULE

COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
T	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T	05		+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
TV	02	SECURITY CAMERA	+96" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD (6 TOTAL).
V	02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.
S	01	J-BOX SECURITY SYSTEMS	+48" A.F.F.	4X4 J-BOX AT SECUIRITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR
T	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
HM	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES
O	01	(4) 1" DATA CONDUITS	CEILING	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DETAIL 3/7.0
HM	04	OCB SWITCH	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES
T	01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+24" 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.
TV	01	CLOSED CIRCUIT TELEVISION (CCTV)		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. ON BACK SIDE OF BULKHEAD (7 TOTAL)

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

COMMUNICATIONS LEGEND

NTS

C

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

COMMUNICATIONS NOTES

NTS

B

	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
COMMUNICATIONS
PLAN

E5.0

PLOT DATE: 9/27/2022 10:09:07 AM

TBCCB-3-WOS SEQUENCE OF OPERATION

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

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

Sequence of Operation

(Building) Occupied Mode

When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in OPEN (FOR SALES) mode. This commands on the following:

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

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

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

(Building) Unoccupied Mode

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

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

In the event of a rise in temperature above 85 degrees in the exhaust hood, the exhaust fan (EF-1) and the make up air source (RTU 1 and 2) will be activated. When in Unoccupied mode and the temperature under the hood drops below 85 degrees, the exhaust fan and make up air source will turn off fifteen minutes after the l85 degree setting is achieved.

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

(Sales) OPEN mode

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

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

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

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

(Sales) CLOSED mode

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

- The Exterior Building Lights
- The Exterior Signs,

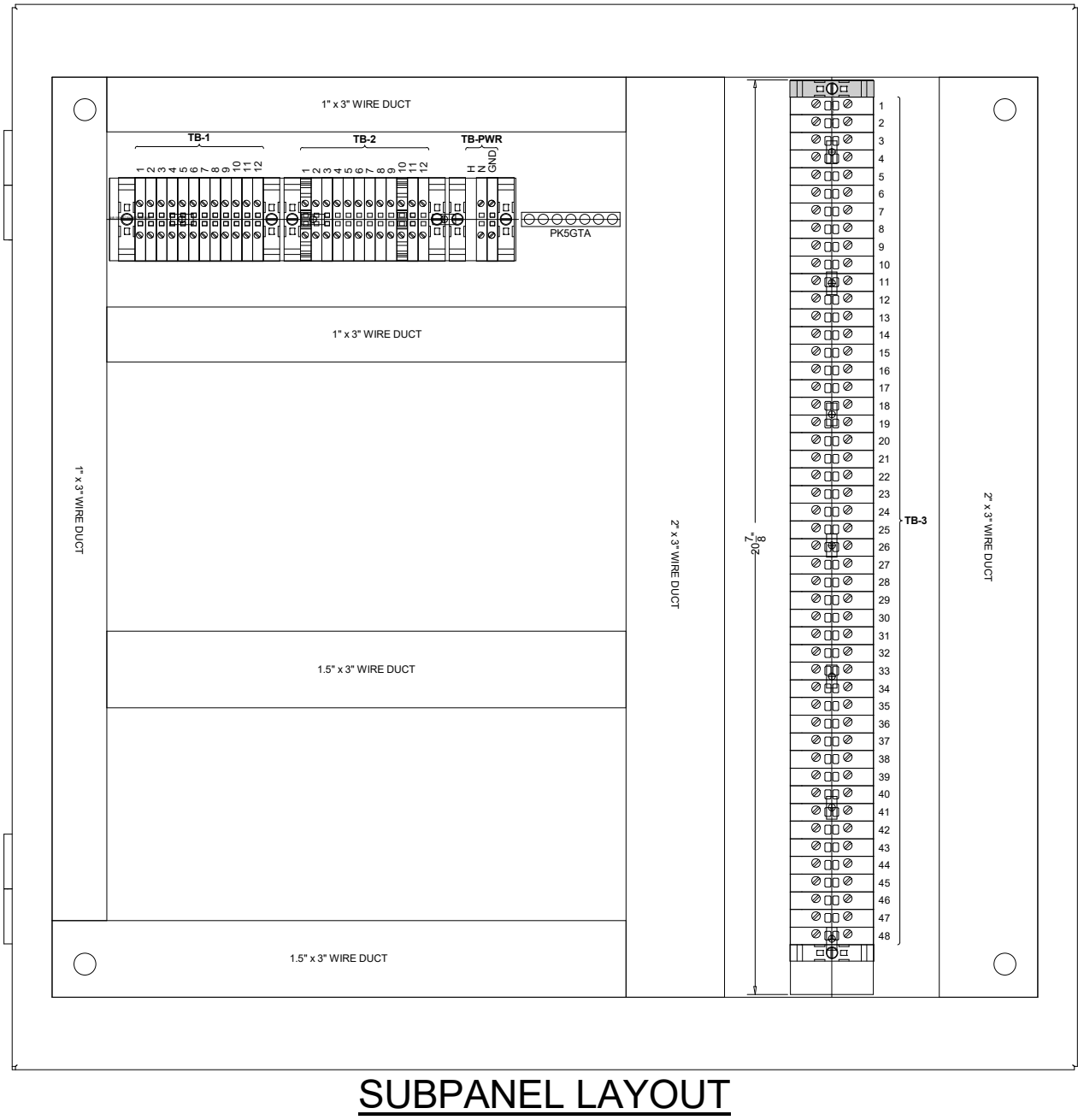
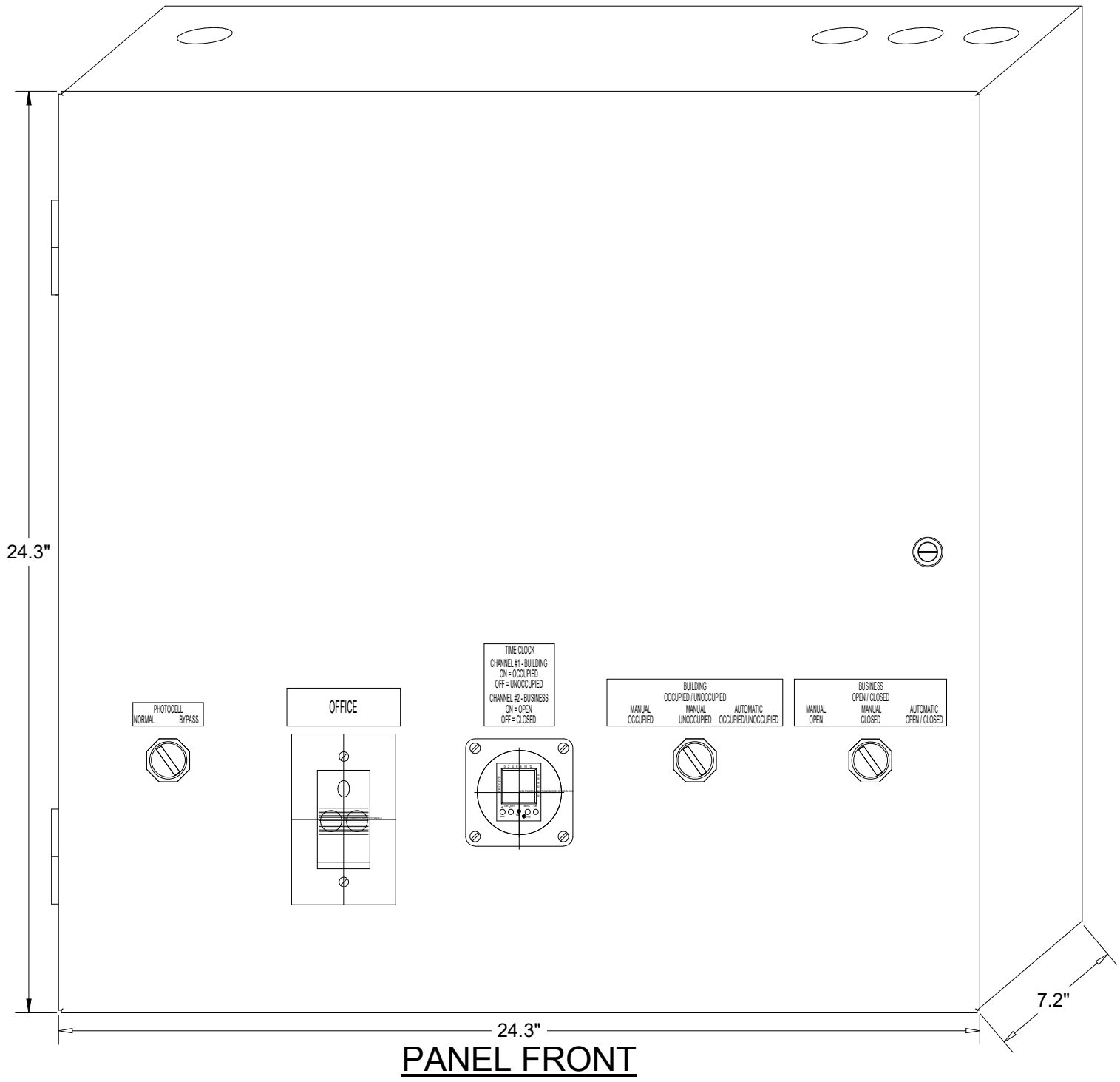
Manual CLOSED Mode

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

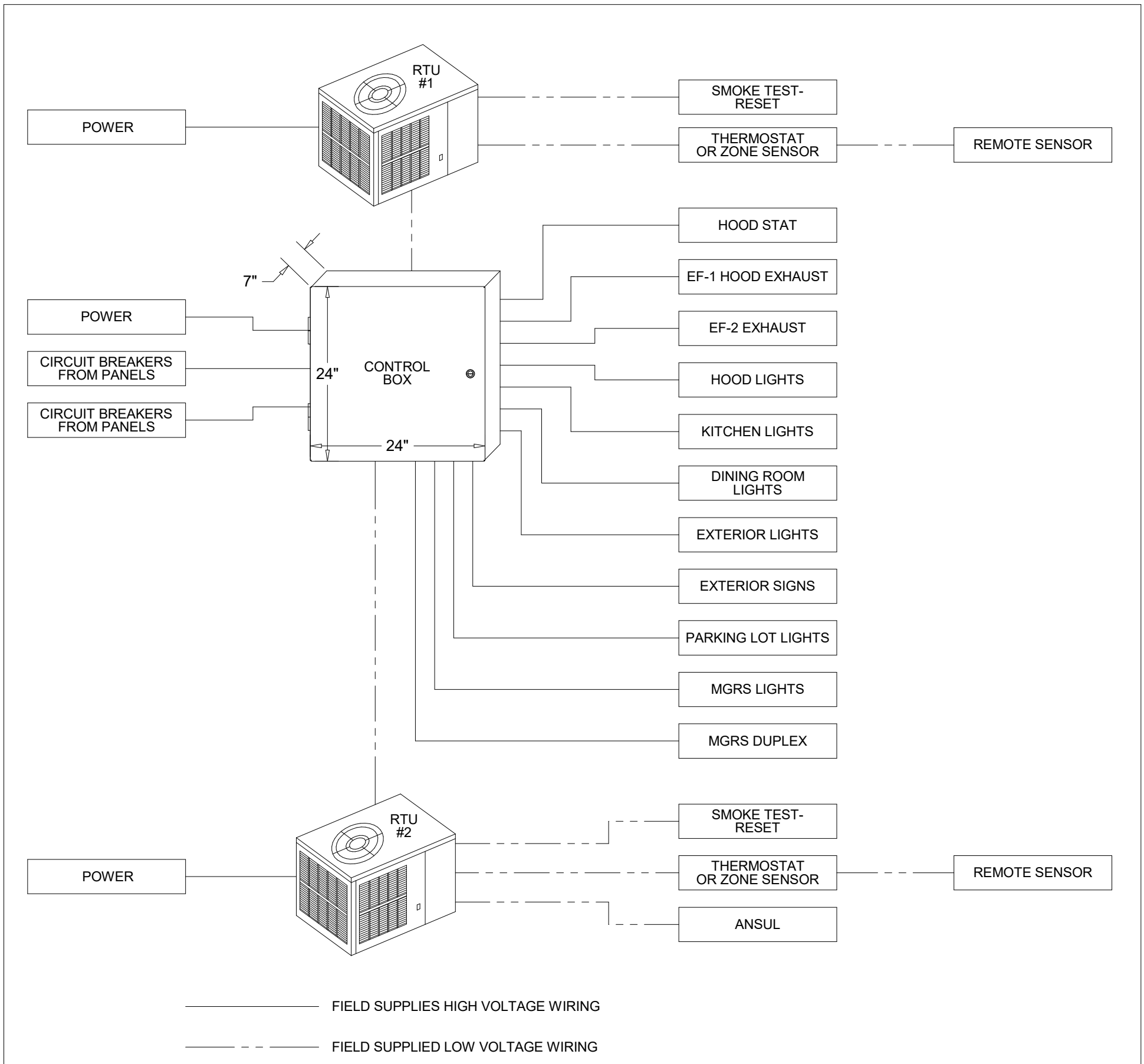
External Operations Not Part Of The Control Box Operation But Required To Be Installed

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

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



TACO BELL COMPONENT RELATIONSHIP



THIS PANEL ENCLOSURE IS RATED TYPE 1.
TO PRESERVE RATING USE TYPE 1
CONDUIT ENTRY HUBS

UL LISTED

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

FOR
REFERENCE
ONLY

	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315647
STORE NUMBER: 458047
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2021088.54

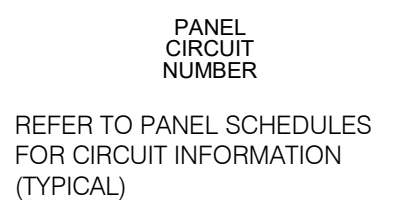
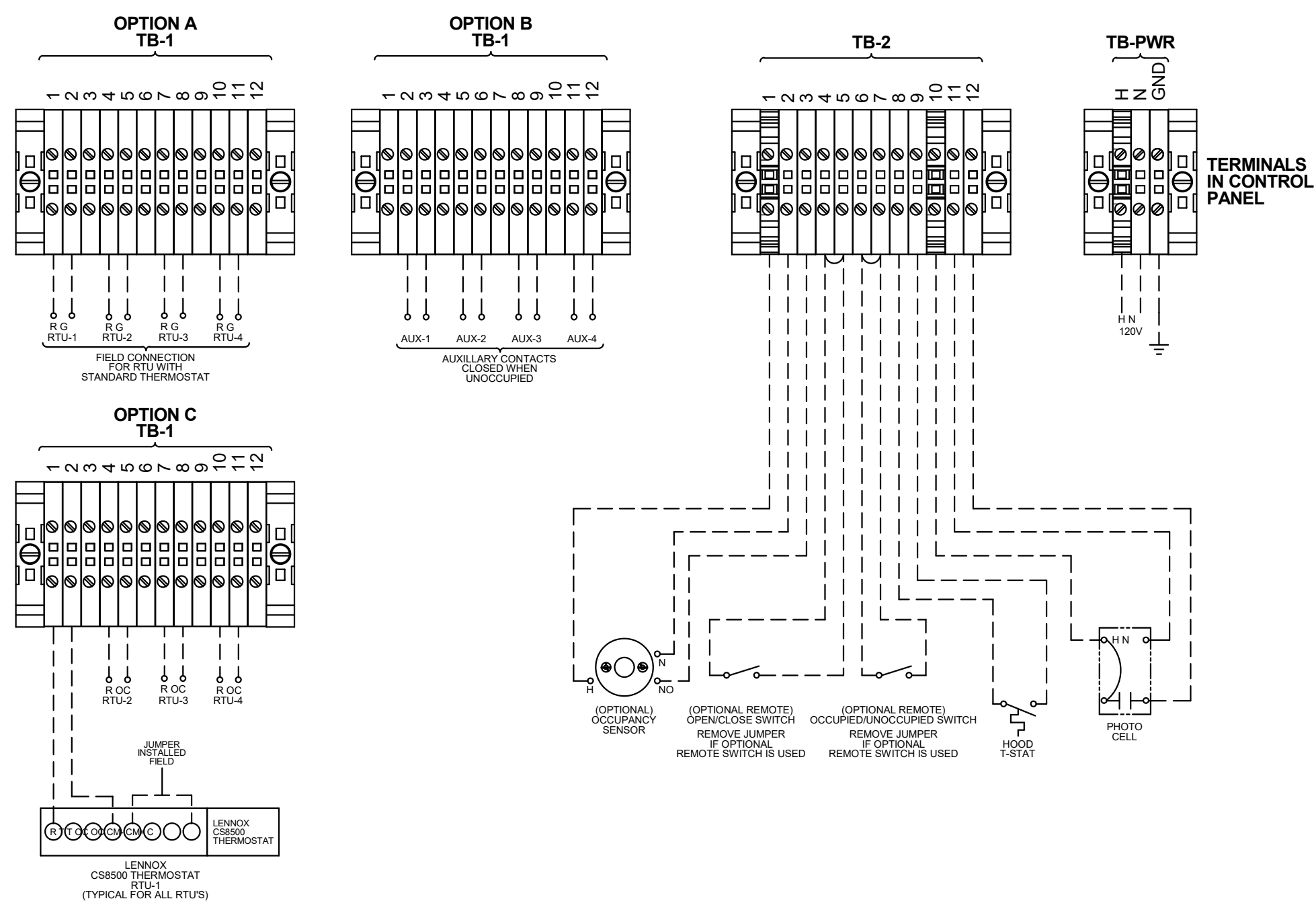
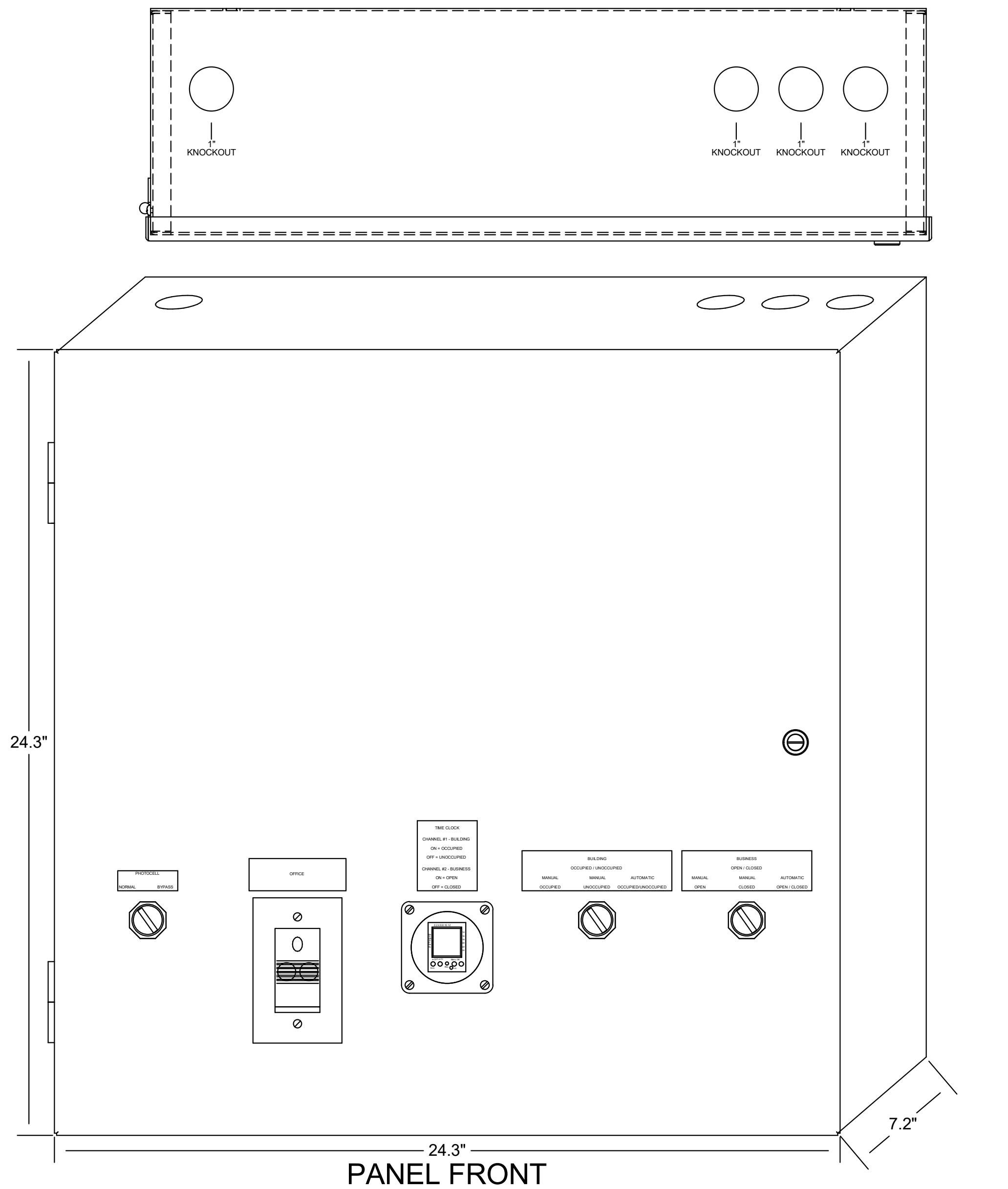
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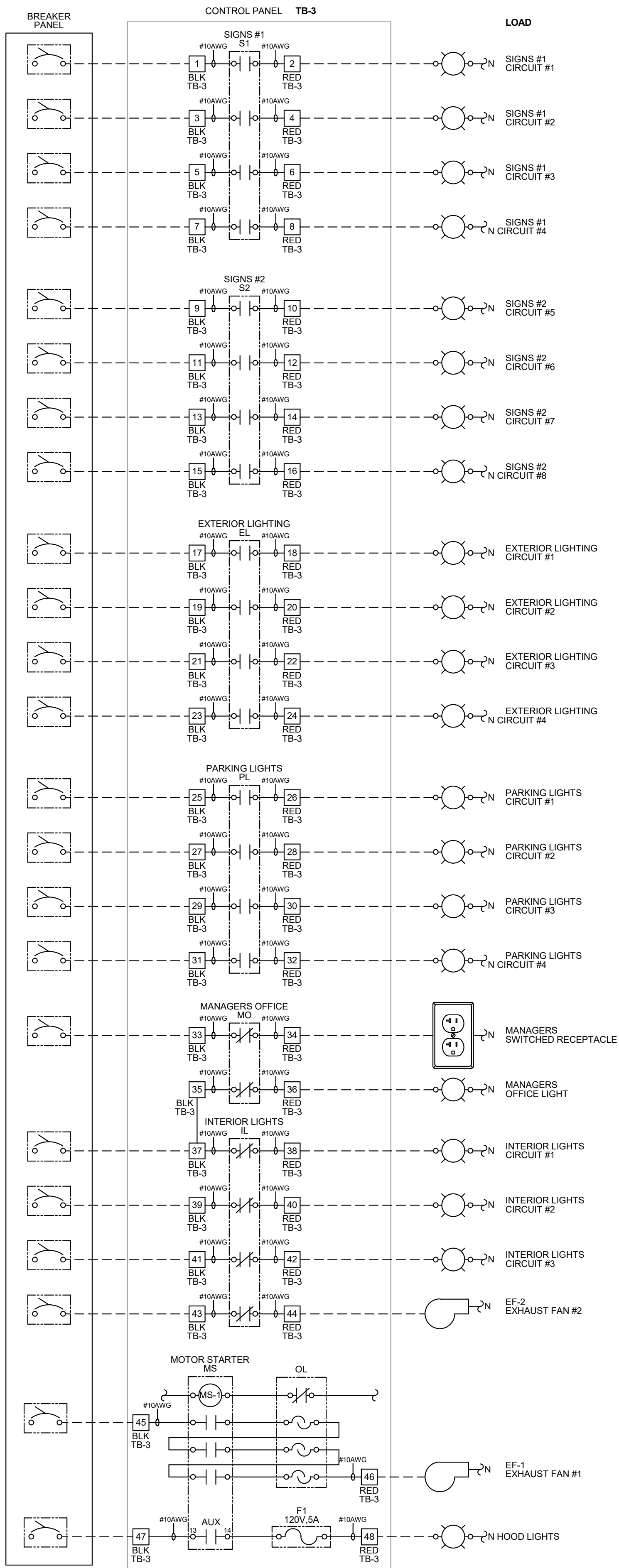


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TBCCB

E6.0



REFER TO PANEL SCHEDULES
FOR CIRCUIT INFORMATION
(TYPICAL)



TBCCB-3-WOS

— — — FIELD WIRE BY OTHERS

THIS PANEL ENCLOSURE IS RATED TYPE 1.
TO PRESERVE RATING USE TYPE 1
CONDUIT ENTRY HUBS



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

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

CONTROL BOX

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

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

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

PRIMARY CONTACT: CHUCK MCCABE

PHONE: 949 770 2222

EMAIL: INFO@ACE-EMS.COM

FOR
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ONLY

	DATE	REMARKS
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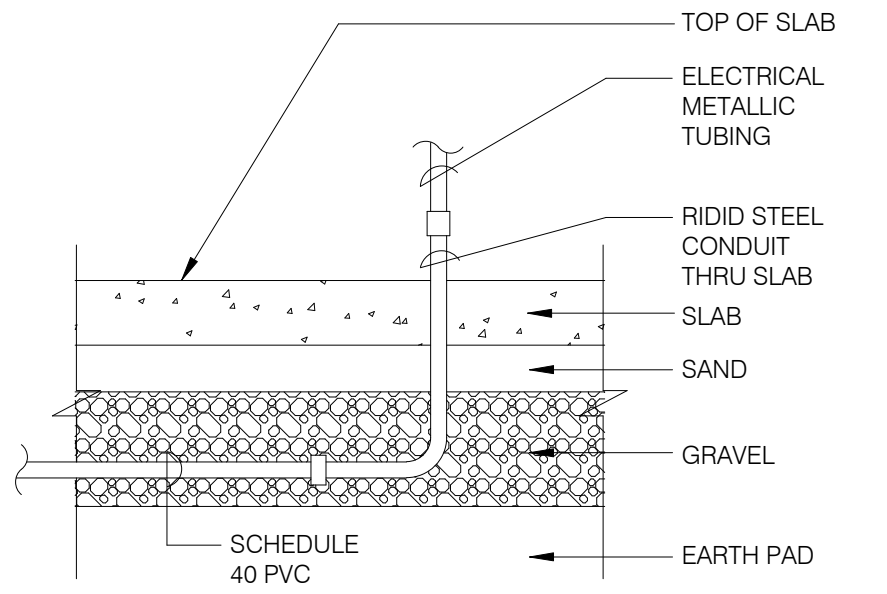
ENDEAVOR 2.0
**ELECTRICAL
DETAILS -
TBCCB**

E6.1

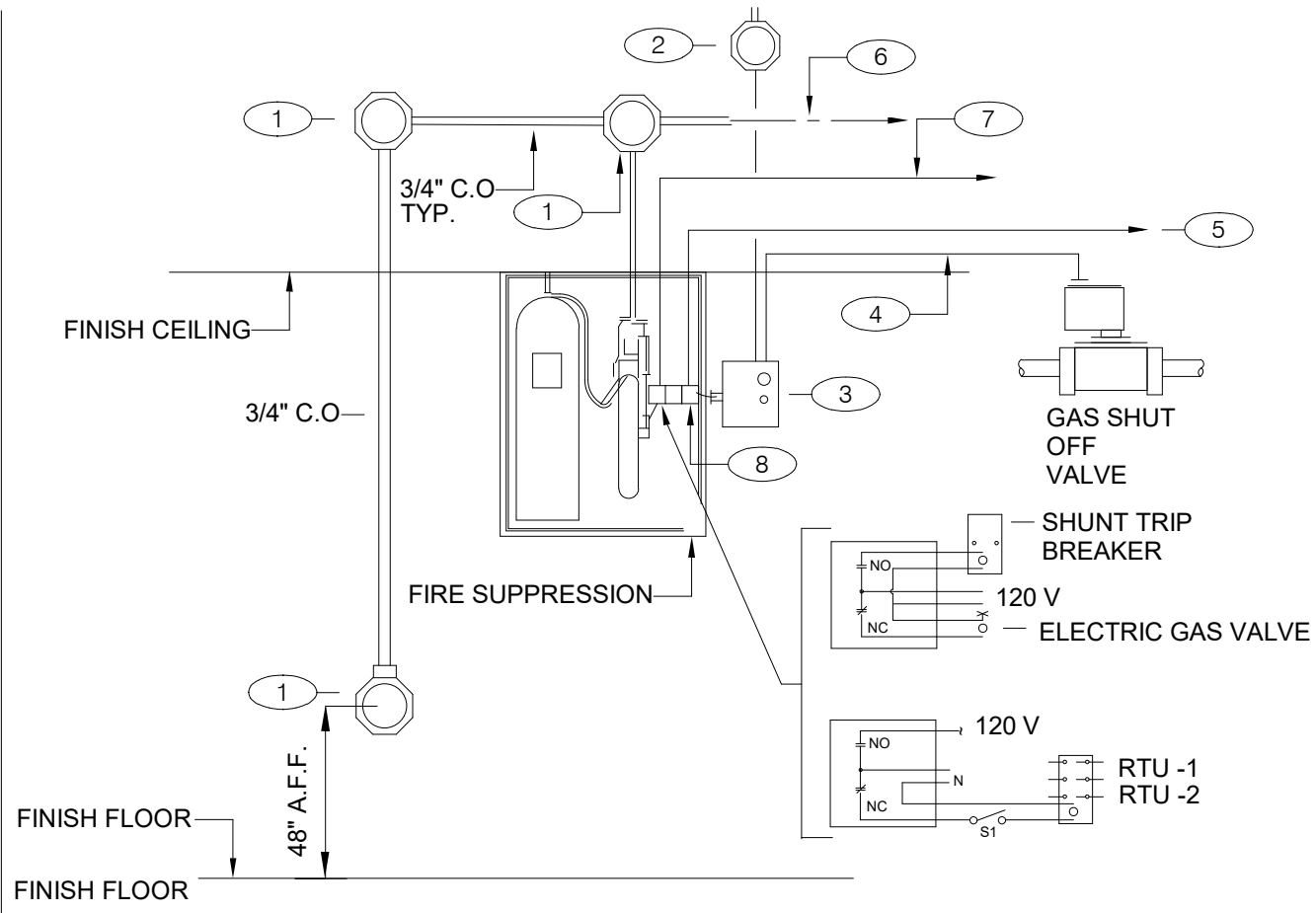
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NOTE: GREEN GROUND WIRE
REQUIRED IN ALL CONDUITS,
SIZED PER N.E.C. REQUIREMENTS.

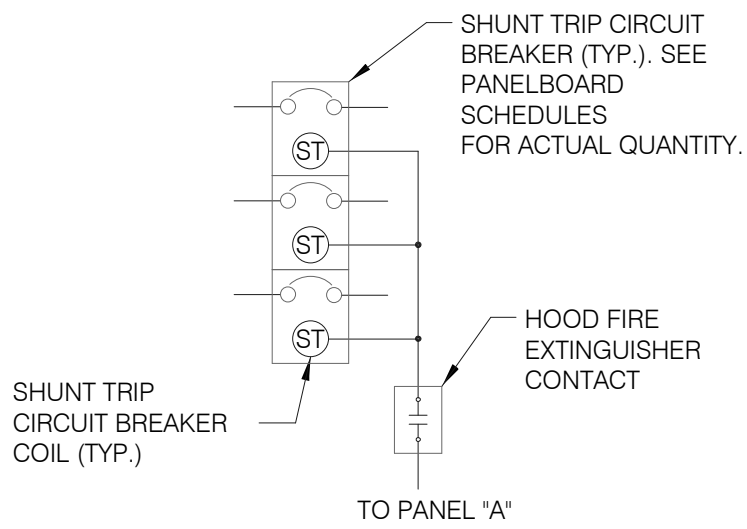


GENERAL NOTES:

1. REFER TO SHEET M3.0

KEY NOTES:

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



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 ON CONTROLS SHEETS E6.0 AND E6.1

UNDER SLAB CONDUIT

N.T.S.

7

FIRE SUPPRESSION SYSTEM WIRING DIAGRAM

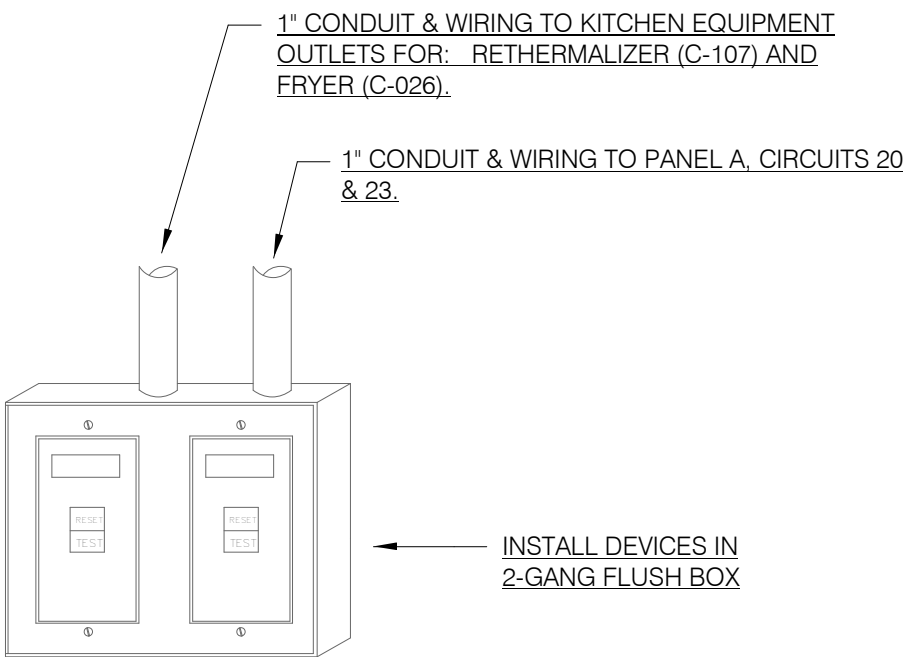
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4

SHUNT TRIP DETAIL

N.T.S.

1



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.

NOT USED

N.T.S.

8

DEAD FRONT GFCI DEVICE DETAIL

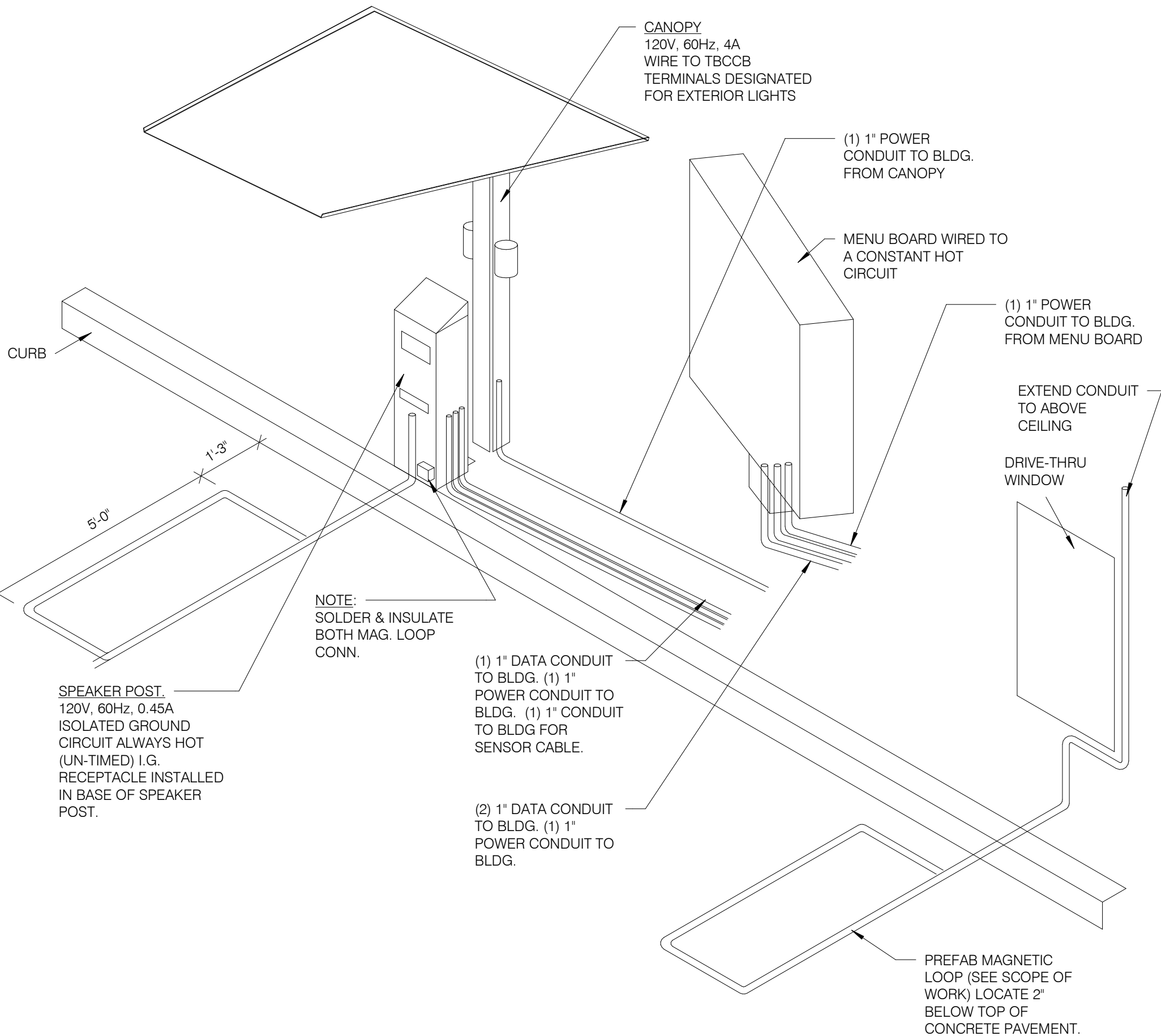
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5

CEILING OCCUPANCY SENSOR WIRING DIAGRAM

N.T.S.

2



DRIVE-THRU COMMUNICATIONS ISOMETRIC

N.T.S.

3

DATE	REMARKS
09.27.22	IFB

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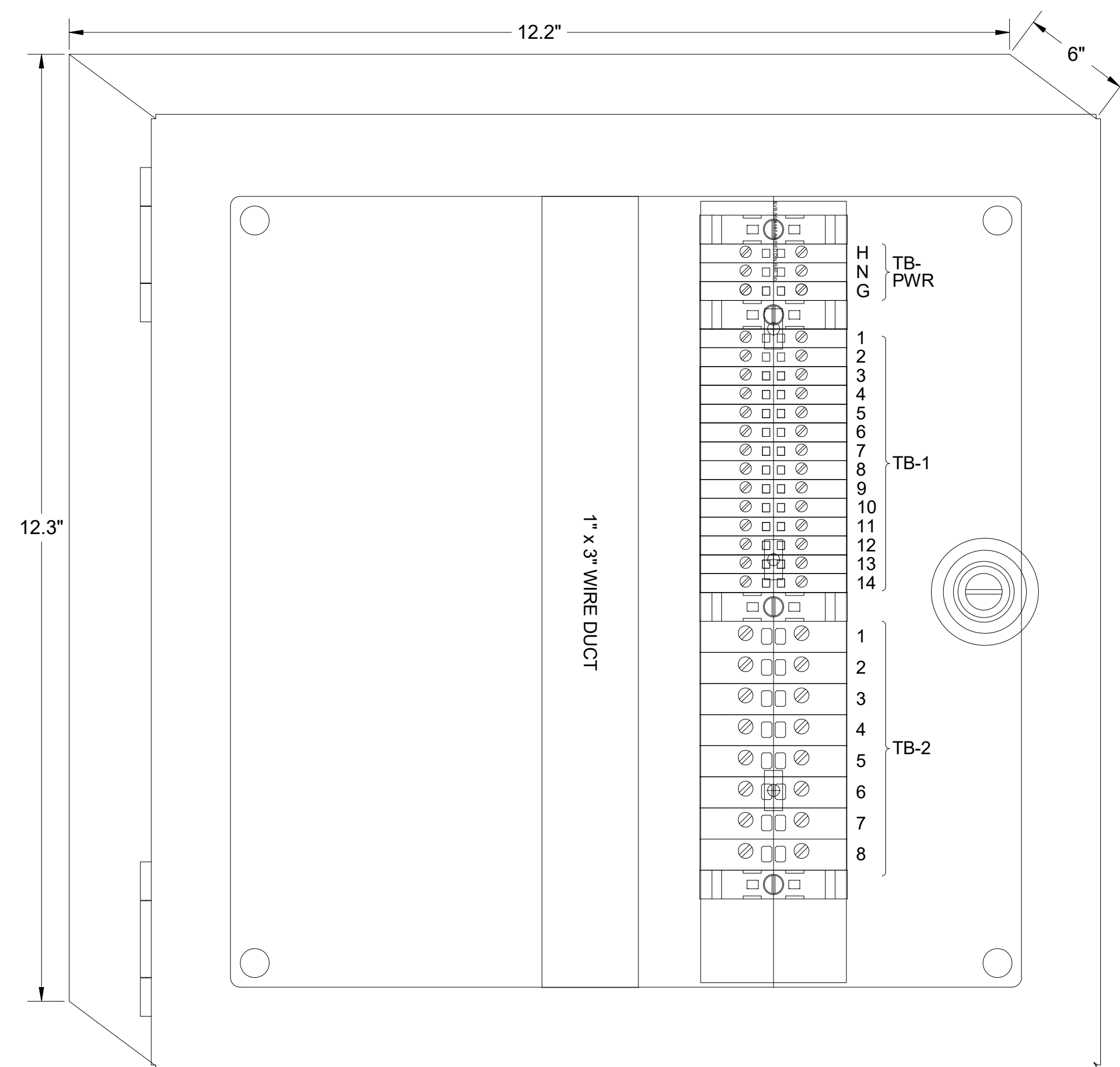
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ENDEAVOR 2.0
ELECTRICAL
DETAILS

E7.0

PLOT DATE: 9/27/2022 10:09:09 AM



1 TBANS PANEL DIMENSIONS

NTS

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

CONTROL BOX

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

NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO

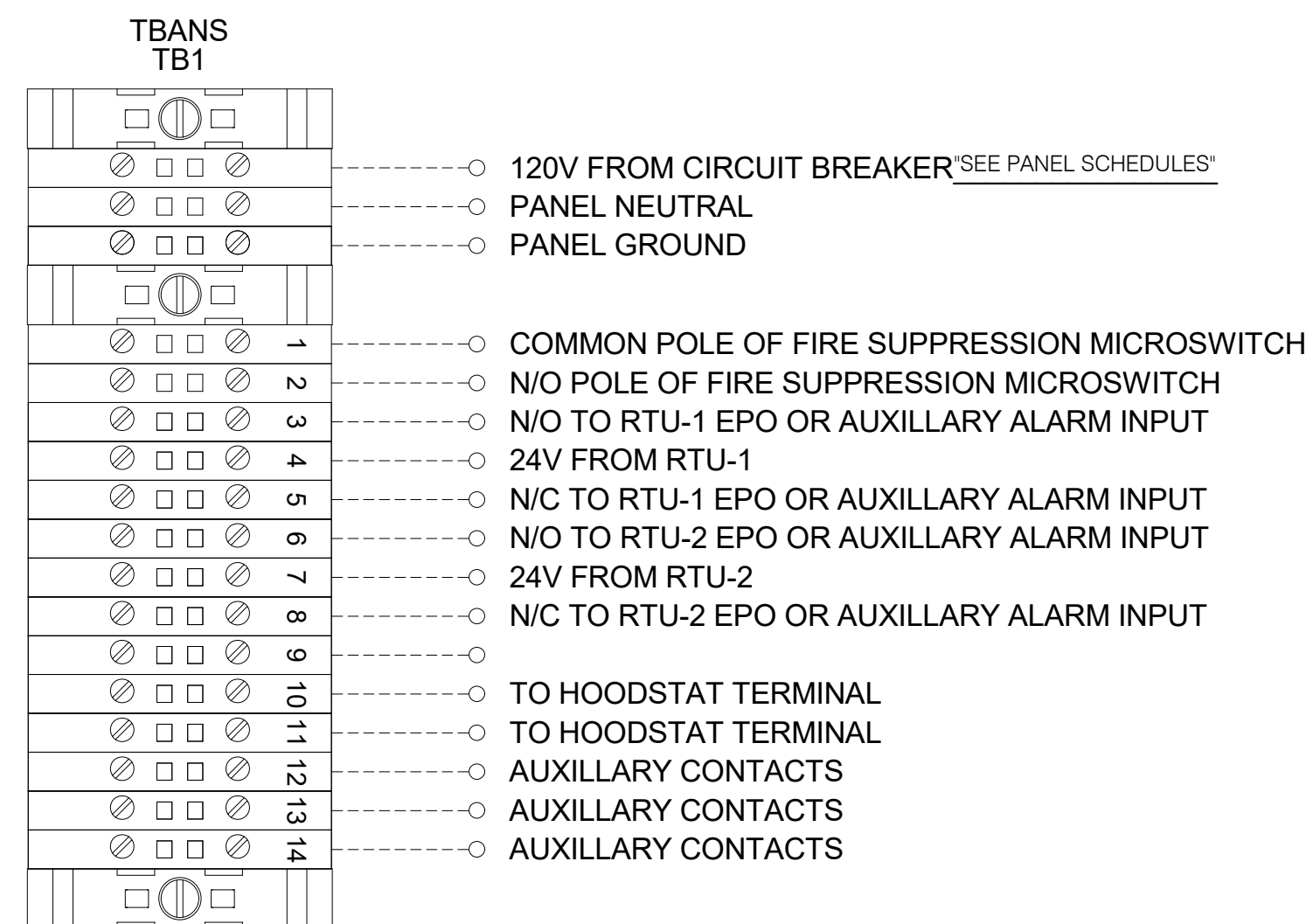
~~VERIFY~~ INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.

PRIMARY CONTACT: CHUCK MCCABE

PHONE: 949 770 2222

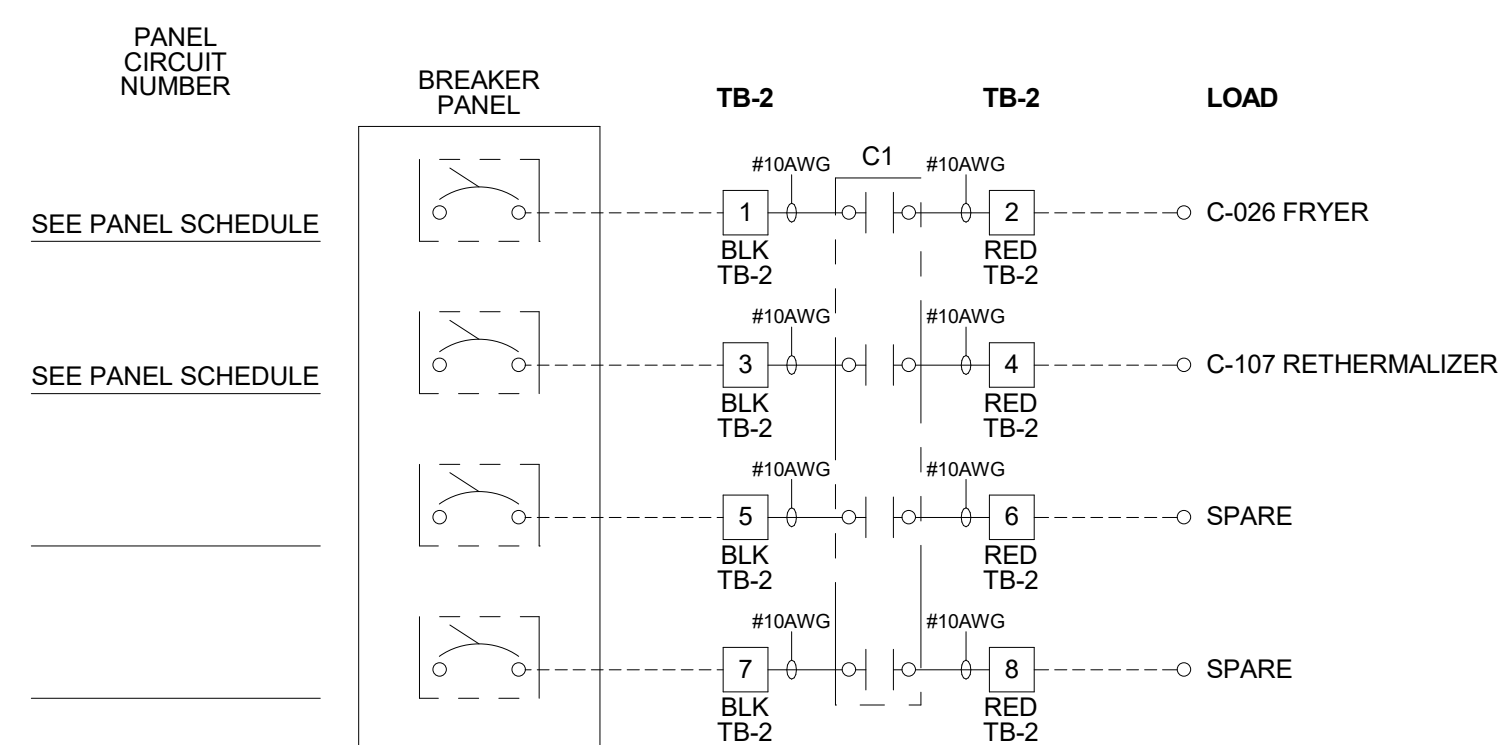
EMAIL: INFO@ACE-EMS.COM

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



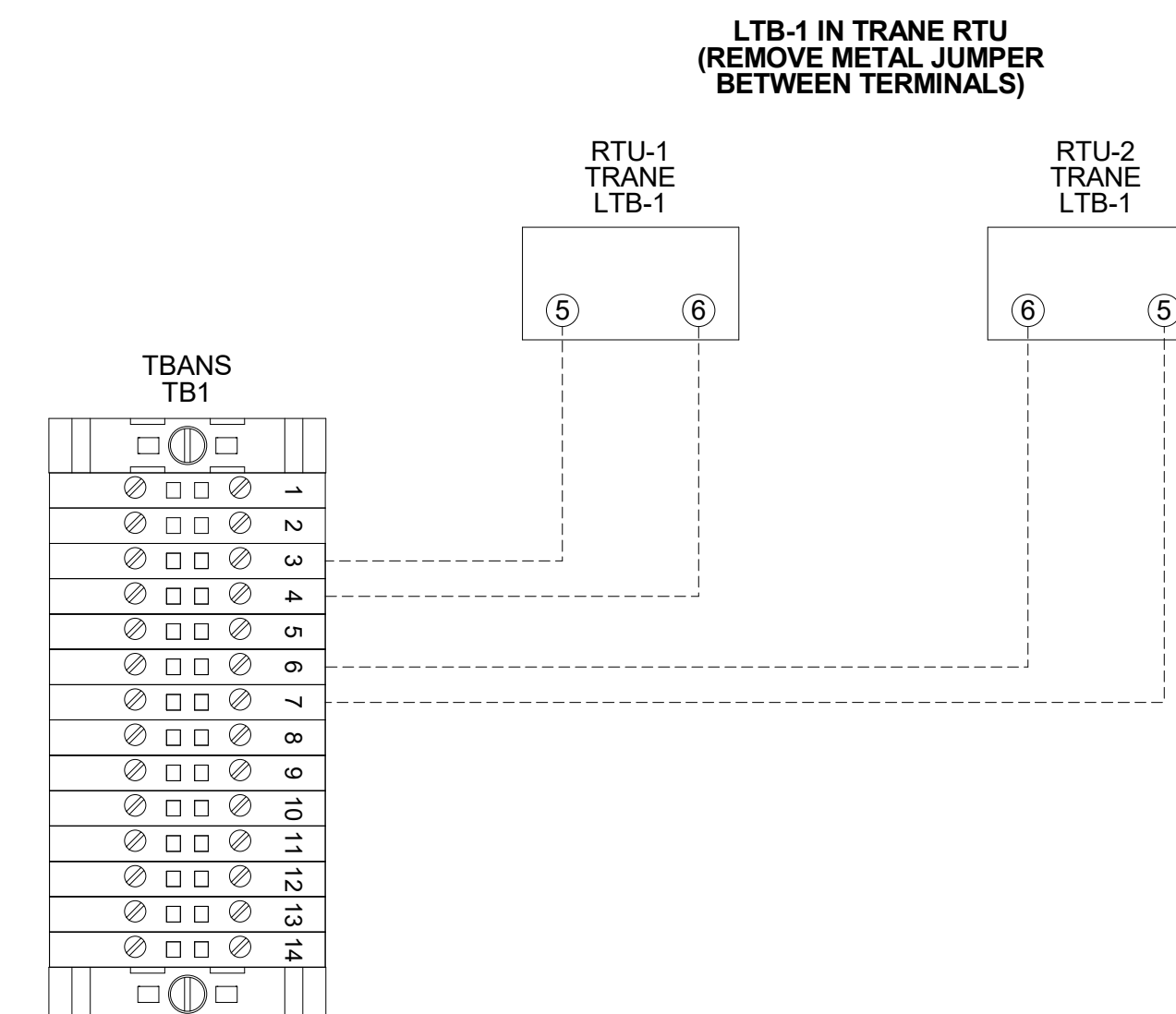
2 TBANS FIELD CONNECTIONS - VARIOUS

NTS



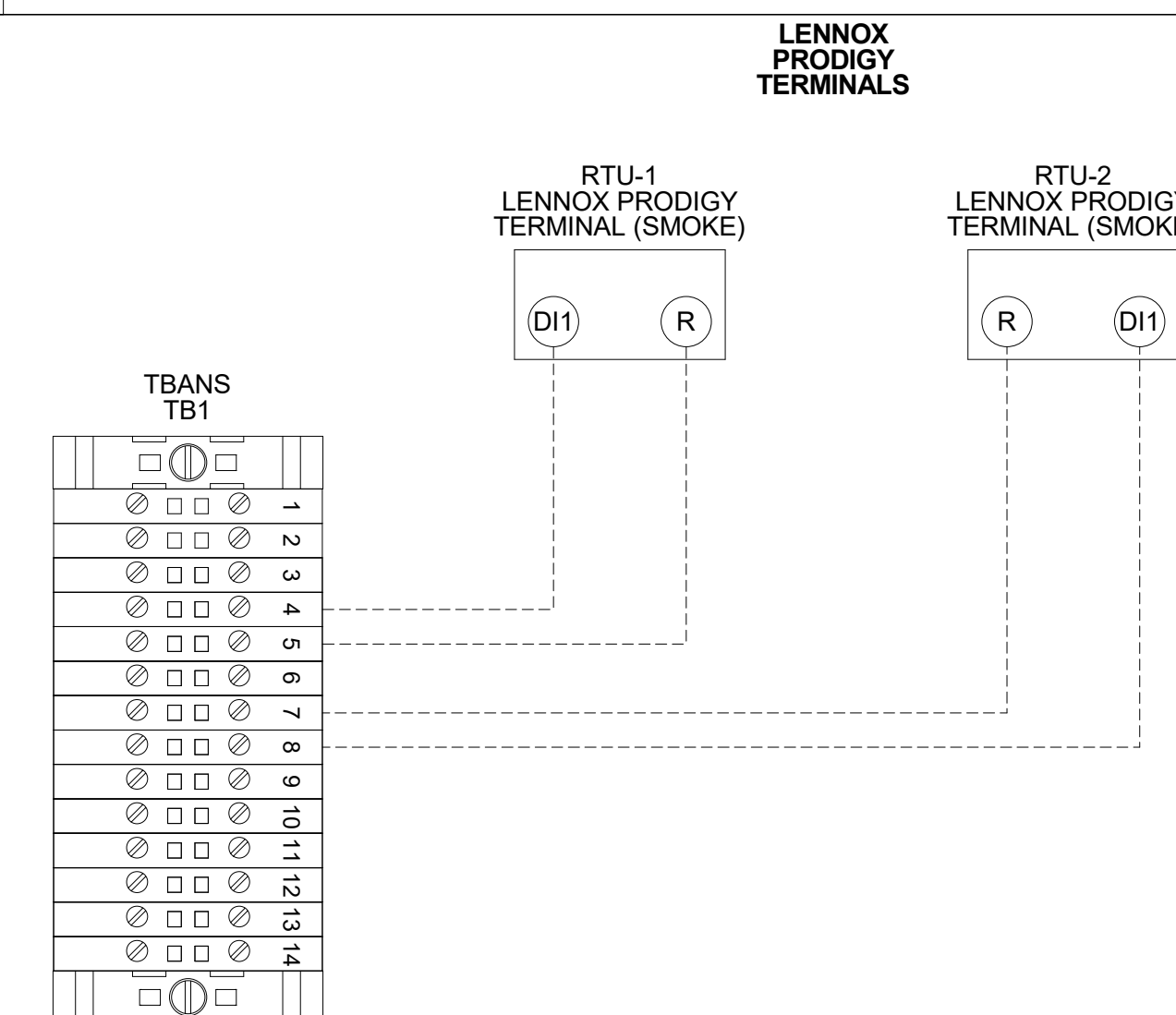
3 TBANS FIELD CONNECTIONS - APPLIANCES

NTS



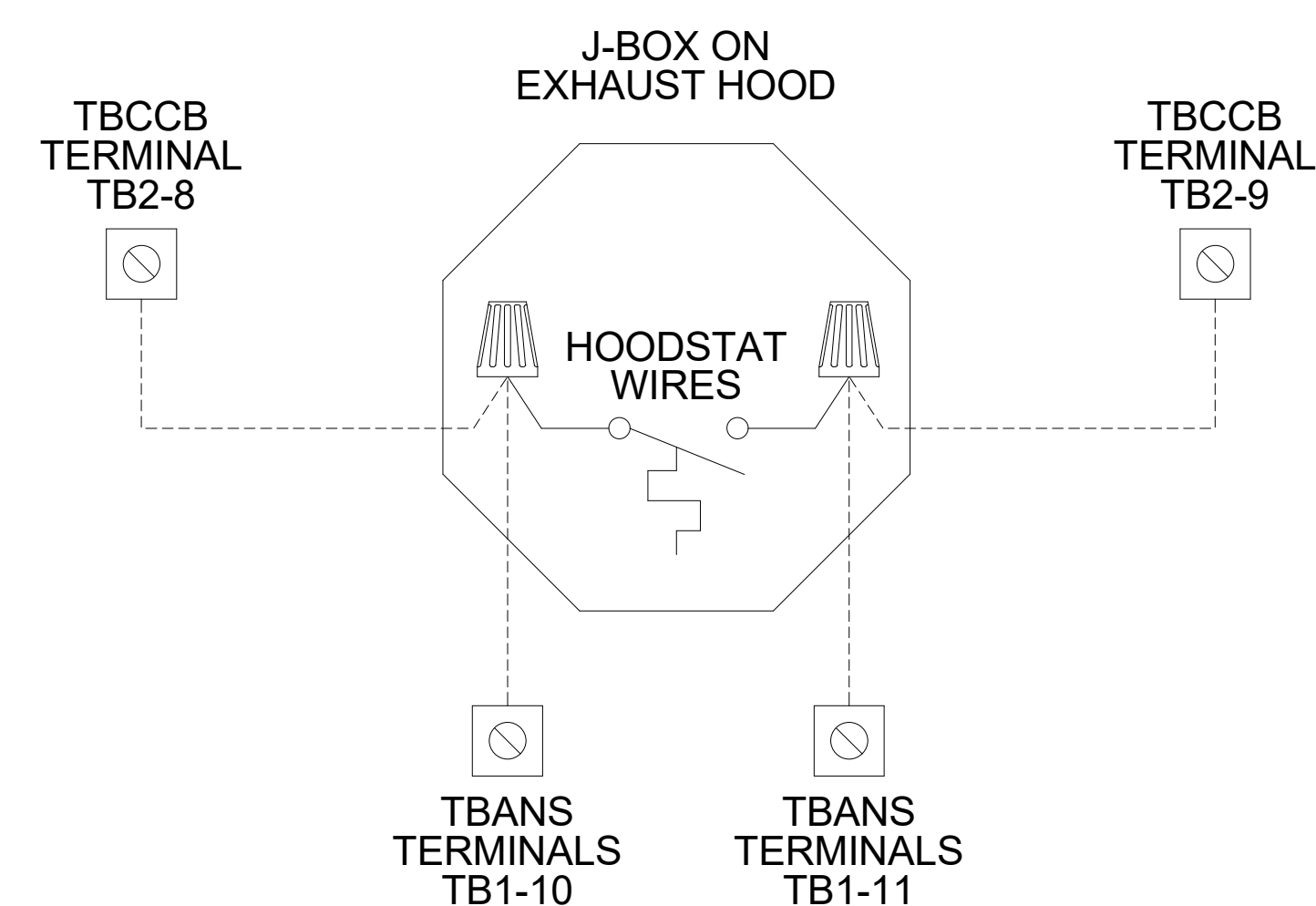
6 TBANS TO TRANE RTU SHUTDOWN

NTS



5 TBANS TO LENNOX PRODIGY SHUTDOWN

NTS

4 TBANS TO HOODSTAT TO TBCCB

NTS

FOR
REFERENCE
ONLY

	DATE	REMARKS
1	09.27.22	IFB

CONTRACT DATE: 05.04.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315647

STORE NUMBER: 458047

PA/PM: SM

DRAWN BY.: AJR

JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0 ELECTRICAL DETAILS

E7.1

PLOT DATE: 9/27/2022 10:09:09 AM

GINA EL SINEITTI LIVING TRUST
DB 1771, PG 1685
LOT 2, OUTPARCEL A, FINAL PLAT OF THE CLEVELAND MALL
TAX PARCEL NO.: 73481
#2003 EAST DIXON BOULEVARD

SCF RC FUNDING IV LLC
DB 1763, PG 2226
PARCEL NO.: 58346
EAST DIXON BOULEVARD
ZONING: GB

SHELBY MALL, LLC
DB 1270, PG 2383
PARCEL NO.: 70767
#2001 EAST DIXON BOULEVARD
ZONING: GB

GLEZEN HOLDINGS, LLC
DB 1801, PG 1414
LOT 4, OUTPARCEL A, FINAL PLAT OF THE CLEVELAND MALL
PB 23, PG 148
TAX PARCEL NO.: 70770
#2007 EAST DIXON BOULEVARD
ZONING: GB

TACO BELL
2005 E. DIXON BLVD.
SHELBY, NC
PREPARED BY: JOHN BUJAKE
ACCUSERV LIGHTING & EQUIPMENT
877-707-7378
jbujake@accu-serv.com
MAY 17, 2022

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
EXTENDED	3.31	4.3	0.9	N/A	N/A
PARKING LOT + DRIVE-THRU SURFACE	5.20	6.3	2.4	2.17	3.46

LIGHT LEVELS ARE MAINTAINED FOOT-CANDLESS, INITIAL LEVELS ARE SLIGHTLY HIGHER

Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Luminaire Lumens	LLF Foot Candle
1	1	A	SINGLE	44136	0.305
2	3	B	BACK-TO-BACK	45496	0.305

VP-2-320L-315-4K7-4W-UNV-A-DBT / SES-25-40-01-F-84-DBT
(2) VP-2-320L-315-4K7-50W-UNV-A-DBT / SES-25-40-01-F-84-DBT
FITTINGS ARE 312W 4000K LED
POLES ARE 25'-0" WITH AN OVERALL FIXTURE HEIGHT OF 27'-6" A.F.G.

EAST DIXON BOULEVARD
(U.S. HIGHWAY 74 BYPASS)

FOR
REFERENCE
ONLY

DATE	REMARKS
1 09.27.22	IFB

CONTRACT DATE: 05.04.22
BUILDING TYPE: END.MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315647
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PA/PM: SM
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JOB NO.: 2021088.54

TACO BELL

2005 East Dixon Blvd.
Shelby, NC 28152



ENDEAVOR 2.0
PHOTOMETRIC
PLAN

E8.0

PLAT DATE: 9/27/2022 10:09:10 AM