

TACO BELL

1579 N. MORTON ST. FRANKLIN, IN 46131



LEGAL JURISDICTION:	CITY OF FRANKLIN, BUILDING DEPARTMENT		
BUILDING CODE:	2014 INDIANA BUILDING CODE		
ACCESSIBILITY:	ICC A117-2009		
MECHANICAL:	2014 INDIANA MECHANICAL CODE		
PLUMBING:	2012 INDIANA PLUMBING CODE		
ELECTRICAL:	2009 INDIANA ELECTRIC CODE		
FIRE:	NFPA		
ENERGY:	2014 INDIANA ENERGY CODE		
HEALTH:	INDIANA FOOD CODE		
BUILDING AREA:	2,090 S.F. GROSS		
SEATING:	20 INTERIOR		
OCCUPANCY:	A2		
TYPE CONSTRUCTION:	TYPE VB - UNPROTECTED		
TYPE	AREA	FACTOR	OCCUPANTS
DINING ROOM	447 S.F.	1:15 S.F. (NET)	30
QUEUING	60 S.F.	1:5 S.F. (NET)	12
KITCHEN	1008 S.F.	1:200 S.F. (GROSS)	6
OFFICE	72 S.F.	1:100 S.F. (GROSS)	1
ACCESSORY STORAGE	173 S.F.	1:300 S.F. (GROSS)	1
ACCESSORY RESTROOMS & PASSAGE	283 S.F.	0 (GROSS)	0
TOTAL			50

PROJECT SUMMARY

# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT
GAS:	909.000 BTU/H

WIND SPEED:	90 M.P.H. / EXPOSURE B
EARTHQUAKE ZONE:	D
ROOF LIVE LOAD:	25 P.S.F.

DESIGN CRITERIA

CURRENT ZONING B-2, COMMUNITY BUSINESS DISTRICT	FOR TACO BELL USE/ APPROVAL ONLY
	BUILDING S.F.: 2,090 S.F.
	SITE SIZE: 29,974 S.F.
	PARKING COUNT: 36
	INT. SEATING: 20
	EXT. SEATING: 0
	KIOSK COUNT: 4
	D.M.B.: YES/NO
	DT DMP: YES/NO
	DT DPB: YES/NO
REFER TO CIVIL DRAWINGS.	

LEGAL DESCRIPTION

OWNER YUM! BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	ARCHITECT GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100
CONSTRUCTION MANAGER YUM! BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	STRUCTURAL ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100
CIVIL ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100	M/E/P ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100
GEOTECHNICAL ENGINEER PROFESSIONAL SERVICE INDUSTRIES, INC 5362 WEST 78TH ST. INDIANAPOLIS, IN 46268 CONTACT: MASOUD GHAVAMI PHONE: 317.876.7723	CIVIL ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100

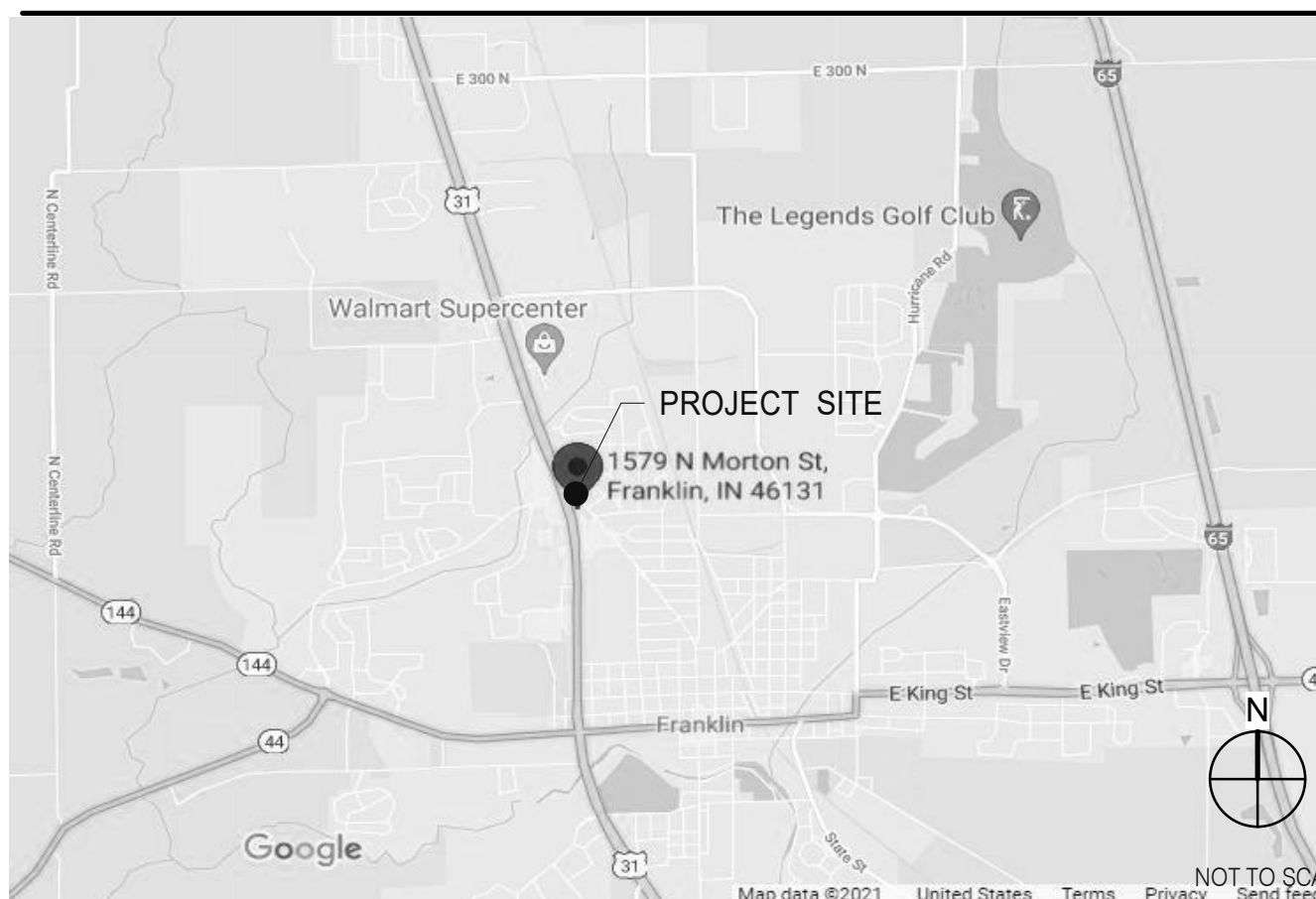
PROJECT DIRECTORY

SEWER CHARTER TOWNSHIP OF BROWNSTOWN 21313 TELEGRAPH RD. BROWNSTOWN, MI 48183 CONTACT: WILLIAM TURNER PHONE: 734.675.4000	TELEPHONE CENTURY LINK 1147 N. MORTON ST. FRANKLIN, IN 46131 CONTACT: MACKENSON ELYSEE PHONE: 317.736.6630
WATER INDIANA AMERICAN WATER 153 N. EMERSON AVE. GREENWOOD, IN 46143 CONTACT: RONALD BALLARD PHONE: 317.885.2432	
ELECTRIC DUKE ENERGY 2727 CENTRAL AVE. COLUMBUS, IN 47201 CONTACT: TAYLOR AUSTIN PHONE: 800.774.0246	
GAS VECTREN 600 INDUSTRIAL DRIVE FRANKLIN, IN 46131 CONTACT: GERAMI PENNYMAN PHONE: 317.776.5585	

OFFICE	ROOM NAME	ELEV. LETTER
A	SHEET NUMBER	ELEV. SHEET
XX	ELEVATION NUMBER	DOOR NUMBER
B	CEILING HEIGHT	WINDOW NUMBER / DECOR ITEM NUMBER
C	BLDG. SECTION LETTER	KEY NOTE NUMBER
8'-4"	BLDG. SECTION SHEET	EQUIPMENT NUMBER
X	DETAIL NUMBER	WALL NUMBER
XX	DIRECTION OF DETAIL	INTERIOR ELEVATION DESIGNATION
X	DETAIL SHEET	SHEAR WALL TYPE (STRUCTURAL)
XXX 000	REVISION NUMBER	EQUIPMENT / FIXTURE NUMBER (M.E.P.)
△	BLDG. HEIGHT REFERENCE POINT	INDICATES SUSTAINABLE DESIGN
0'-0" ELEV.		

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

GENERAL DRAWING SYMBOLS



VICINITY MAP

- ALL WORK SHALL CONFORM TO THE 2014 EDITION OF THE INDIANA BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CHARTER TOWNSHIP OF BROWNSTOWN AND COUNTY OF WAYNE.
- IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- DRAWINGS ARE BASED ON A SURVEY, DATED MAY 20, 2021 PREPARED BY GPD GROUP AND IS INCLUDED IN THESE DOCUMENTS.
- THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED FEBRUARY 18, 2021 BY PROFESSIONAL SERVICE INDUSTRIES. 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.
- DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE TACO BELL CORPORATE BRAND DESIGNER OR CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- 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.
- 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.
- PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- G.C. SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCE WITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

PROJECT GENERAL NOTES

SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS		ISSUE
SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS		
TITLE/GEN. CONDITIONS		
T1.0	TITLE SHEET	
G1.0	GREEN CHECKLIST SHEET	
G2.0	TRASH ENCLOSURE DETAILS	
G3.0	PEST PREVENTION GUIDE	
G4.0	SIGNAGE PLAN	
G4.1	SIGNAGE DETAILS	
TITLE/SITE SHEET COUNT: 6		
STRUCTURAL		
S1.0	FOUNDATION PLAN	
S2.0	WALL FRAMING PLAN	
S3.0	ROOF FRAMING PLAN	
S4.0	STRUCTURAL DETAILS	
S4.1	STRUCTURAL DETAILS	
S4.2	STRUCTURAL DETAILS	
S4.3	STRUCTURAL DETAILS	
S4.4	STRUCTURAL SECTIONS	
S5.0	CANOPY/AWNING BLOCKING ELEVATIONS	
STRUCTURAL SHEET COUNT: 9		
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	
A6.3	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: 26		
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: 12		
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: 12		
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	
ELECTRICAL SHEET COUNT: 13		
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		

SHEET INDEX



DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE:	07.06.21
BUILDING TYPE:	END, MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	294252
STORE NUMBER:	448335
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2018088.31

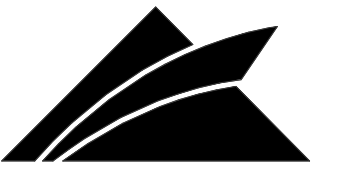
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 TITLE SHEET

T1.0

PLOT DATE: 1/19/2022 11:09:21 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

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.

- GO TO THE REFERENCE VERSION OF THE YUM BLUELINE WEBSITE: WWW.YUMBLUELINE.COM
- IN THE 'USER' SECTION CHOOSE 'GENERAL' FROM THE PULL DOWN MENU
- IN THE 'PASSWORD' SECTION TYPE IN 'J2121KLA'

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

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FEASIBILITY DESIGN CONSTRUCTION COMMISSIONING

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FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING																					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
FORMALDEHYDE LIMITS MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION																								
PRODUCT		CURRENT LIMIT																						
<ul style="list-style-type: none"> HARDWOOD PLYWOOD VENEER CORE 0.05 HARDWOOD COMPOSITE CORE 0.05 PARTICLE BOARD 0.09 MEDIUM DENSITY FIBER BOARD 0.11 THIN MEDIUM DENSITY FIBERBOARD 0.13 																								
1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXIC CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. 2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16"																								
VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT.) GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS																								
SPECIALTY COATINGS		CURRENT VOC LIMIT																						
<ul style="list-style-type: none"> ROOF COATINGS 50 RUST PREVENTATIVE COATINGS 250 SHELLACS <ul style="list-style-type: none"> CLEAR 730 OPAQUE 550 SPECIALTY PRIMERS, SEALERS & UNDER-COATINGS 100 STAINS 250 STONE CONSOLIDANTS 450 TRAFFIC MARKING COATINGS 100 TUB & TILE REFINISH COATINGS 420 WATERPROOFING MEBRANES 250 WOOD COATINGS 275 WOOD PRESERVATIVES 350 ZINC-RICH PRIMERS 340 																								
1. GRAMS OF VOC PER LITER OF LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA ARIEI RESOURCE BOARD, ARCHITECTURAL COATINGS. SUGGESTED CONTROL MEASURE, FEB 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.																								
COATING CATEGORY		CURRENT VOC LIMIT																						
<ul style="list-style-type: none"> FLAT COATINGS 50 NON-FLAT COATINGS 100 NON-FLAT HIGH GLOSS COATINGS 150 																								
SPECIALTY COATINGS		CURRENT VOC LIMIT																						
<ul style="list-style-type: none"> ALUMINUM ROOF COATINGS 400 BASEMENT SPECIALTY COATINGS 400 BITUMINOUS ROOF COATINGS 50 BITUMINOUS ROOF COATINGS PRIMER 350 BOND BREAKER 350 CONCRETE CURING COMPOUNDS 350 CONCRETE / MASONRY SEALERS 100 DRIVEWAY SEALERS 50 DRY FOG COATINGS 150 FIRE RESISTIVE COATINGS 350 FLOOR COATINGS 100 FORM-RELEASE COMPOUNDS 250 HIGH TEMPERATURE COATINGS 420 INDUSTRIAL MAINTENANCE COATINGS 250 LOW SOLIDS COATINGS 120 MAGNESITE CONCRETE COATINGS 450 MASTIC TEXTURE COATINGS 100 PRETREATMENT WASH PRIMER 350 PRIMERS, SEALERS AND UNDERCOATS 100 REACTIVE PENETRATING SEALERS 350 																								
43.1 CONTROLLED BUILDING MATERIAL (REQUIRED) A. IF FLUORESCENT LAMPS ARE USED THEY SHALL NOT EXCEED 80 PICOGRAMS PER LUMEN HOUR. B. MAINTAIN THE TACO BELL LAMPS POLICY OF ONLY USING LED LAMPS IN ALL BUILDING, SITE AND SIGN LIGHTING.																								
45.1 THERMAL COMFORT (REQUIRED) INSURE THAT THE HVAC SYSTEM PROVIDES THE FOLLOWING COMFORT CONDITIONS, ON AVERAGE:																								
<table border="1"> <thead> <tr> <th>STORE OCCUPATION</th> <th>MODE</th> <th>TEMP SETPOINTS</th> <th>MAX RELATIVE HUMIDITY</th> </tr> </thead> <tbody> <tr> <td rowspan="3">OCCUPIED</td> <td>DINING COOLING</td> <td>73-78 F</td> <td>60%</td> </tr> <tr> <td>KITCHEN COOLING</td> <td>68-73 F</td> <td></td> </tr> <tr> <td>DINING HEATING</td> <td>68-73 F</td> <td>60%</td> </tr> <tr> <td rowspan="2">UNOCCUPIED</td> <td>COOLING (MINIMUM)</td> <td>80 F OR OFF</td> <td></td> </tr> <tr> <td>HEATING (MAXIMUM)</td> <td>60 F</td> <td></td> </tr> </tbody> </table>				STORE OCCUPATION	MODE	TEMP SETPOINTS	MAX RELATIVE HUMIDITY	OCCUPIED	DINING COOLING	73-78 F	60%	KITCHEN COOLING	68-73 F		DINING HEATING	68-73 F	60%	UNOCCUPIED	COOLING (MINIMUM)	80 F OR OFF		HEATING (MAXIMUM)	60 F	
STORE OCCUPATION	MODE	TEMP SETPOINTS	MAX RELATIVE HUMIDITY																					
OCCUPIED	DINING COOLING	73-78 F	60%																					
	KITCHEN COOLING	68-73 F																						
	DINING HEATING	68-73 F	60%																					
UNOCCUPIED	COOLING (MINIMUM)	80 F OR OFF																						
	HEATING (MAXIMUM)	60 F																						
46.1 THERMAL VERIFICATION (REQUIRED) A. AT THE 11 MONTH WARRANTY THE CM SHALL ADMINISTER THE "THERMAL COMFORT VERIFICATION SURVEY" WITH A RESPONSE RATE OF 75% MINIMUM. B. IF 20% OR MORE OF THE RESPONDERS ARE DISSATISFIED THEN CORRECTIVE ACTIONS SHALL TAKE CORRECTIVE ACTION UNTIL LESS THAN 20% ARE DISSATISFIED. C. IF CORRECTIVE ACTION IS REQUIRED GO BACK AND INSURE THAT THE STORE MEETS #28 THERMAL COMFORT STANDARDS.																								
48.1 LEED TEAM MEMBER (REQUIRED) EACH CONSULTANT SHALL HAVE A LEED AP MEMBER ON EACH PROJECTS SITE SPECIFIC TEAM.																								
49.1 COMMISSIONING (REQUIRED) COMMISSIONING REQUIRES UNDERSTANDING THE OWNERS DESIGN INTENT PRIOR TO STARTING SITE SPECIFIC DESIGN SO THEY CAN INSURE THAT THEIR DESIGN MEETS WITH THE OWNERS REQUIREMENTS. COMMISSIONING ALSO IS ALSO INTENDED TO INSURE THAT THE CONTRACTOR EXECUTES THE DESIGN PER THE OWNERS REQUIREMENTS. A. THE CONSULTANT SHOULD MODIFY THE OWNERS PROTOTYPE REQUIREMENTS WITH THE SITE SPECIFIC INFORMATION AND INSURE THAT THE SITE SPECIFIC DESIGN MEETS OR EXCEEDS THE OWNERS REQUIREMENTS PRIOR TO STARTING DESIGN. B. THE CONSULTANT, GENERAL CONTRACTOR AND CM SHOULD USE SHEET G1 AS THE CHECKLIST TO INSURE THE SITE SPECIFIC PROJECT RESULTS MEETS OR EXCEEDS THE OWNERS REQUIREMENTS.																								

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.1 RECYCLING (REQUIRED) A. PROVIDE DEDICATED RECYCLING SPACE IN THE DINING ROOM, KITCHEN AND SITE. RECYCLING SHOULD ACCOMMODATE PLASTIC, PAPER AND OIL. B. SEE THE "TRASH ENCLOSURE STANDARDS" POSTED ON THE PLANS.YUM.COM. UNLESS APPROVED THE "LARGE" VERSION SHOULD BE USED.			
37.2 COOKING OIL RECYCLING (REQUIRED) COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.			
37.3 CARDBOARD RECYCLING (OPTIONAL) COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.			
38. AIR VENTILATION (REQUIRED) 1. PROVIDE AIR VENTILATION AND EXHAUST RATES PER YUM BLUELINE. 2. PROVIDE FRESH AIR PER YUM BLUELINE.			
39.1 NO SMOKING (REQUIRED) A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE RESTAURANT B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTAURANT			
41.1 PROTECTION OF MATERIALS (REQUIRED) GC TO PROVIDE A IAQ MANAGEMENT PLAN WITH BID. START WITH THE PROTOTYPE TEMPLATE AND MODIFY AS REQUIRED FOR SITE SPECIFIC CONDITIONS. A. PROTECT HVAC SYSTEM B. IMPLEMENT POLLUTION SOURCE CONTROL MEASURES C. PROTECT STORED MATERIALS D. PROTECT INSTALLED MATERIALS E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING			
42. LOW EMITTING MATERIALS (REQUIRED) FINISH MATERIALS SHALL COMPLY WITH THIS SECTION: ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALANT AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY: 1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS. 2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH SCAQMD. PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD. AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS. VERIFICATION. THE GENERAL CONTRACTOR SHALL PROVIDED DOCUMENTATION TO THE CM. DOCUMENTATION SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING: 1. MANUFACTURER'S PRODUCT SPECIFICATION. 2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS.			
ADHESIVE VOC LIMITS			
ARCHITECTURAL ADHESIVE APPLICATIONS		CURRENT VOC LIMIT	
<ul style="list-style-type: none"> CERAMIC TILE 65 DRYWALL, PANEL & COVE BASE 50 MULTI-PURPOSE 70 SINGLE PLY ROOFING 250 			
SPECIALTY APPLICATIONS		CURRENT VOC LIMIT	
<ul style="list-style-type: none"> PVC WELDING 510 CPVC WELDING 490 ABS WELDING 325 PLASTIC CEMENT WELDING 250 ADHESIVE PRIMER FOR WELDING 550 CONTACT ADHESIVE 80 SPECIAL PURPOSE CONTACT ADHESIVE 250 STRUCTURAL WOOD MEMBER ADHESIVE 140 TOP & TRIM ADHESIVE 250 			
SUBSTRATE SPECIFIC APPLICATIONS		CURRENT VOC LIMIT	
<ul style="list-style-type: none"> METAL TO METAL 30 PLASTIC FOAMS 50 POROUS MATERIALS (EXCEPT WOOD) 50 WOOD 30 FIBERGLASS 80 			
SEALANT VOC LIMITS (LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER)			
SEALANT		CURRENT LIMIT	
<ul style="list-style-type: none"> ARCHITECTURAL 250 MARINE DECK 760 NON-MEMBRANE ROOF 300 ROADWAY 250 SINGLE PLY ROOF MEMBRANE 450 OTHER 420 			
SEALANT PRIMER		CURRENT LIMIT	
<ul style="list-style-type: none"> ARCHITECTURAL NON-POROUS PORUS 775 MODIFIED BITUMINOUS 500 MARINE DECK 760 OTHER 75 			

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 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 RTU'S 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(INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE 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 PLAYBOOK SECTION.			

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL

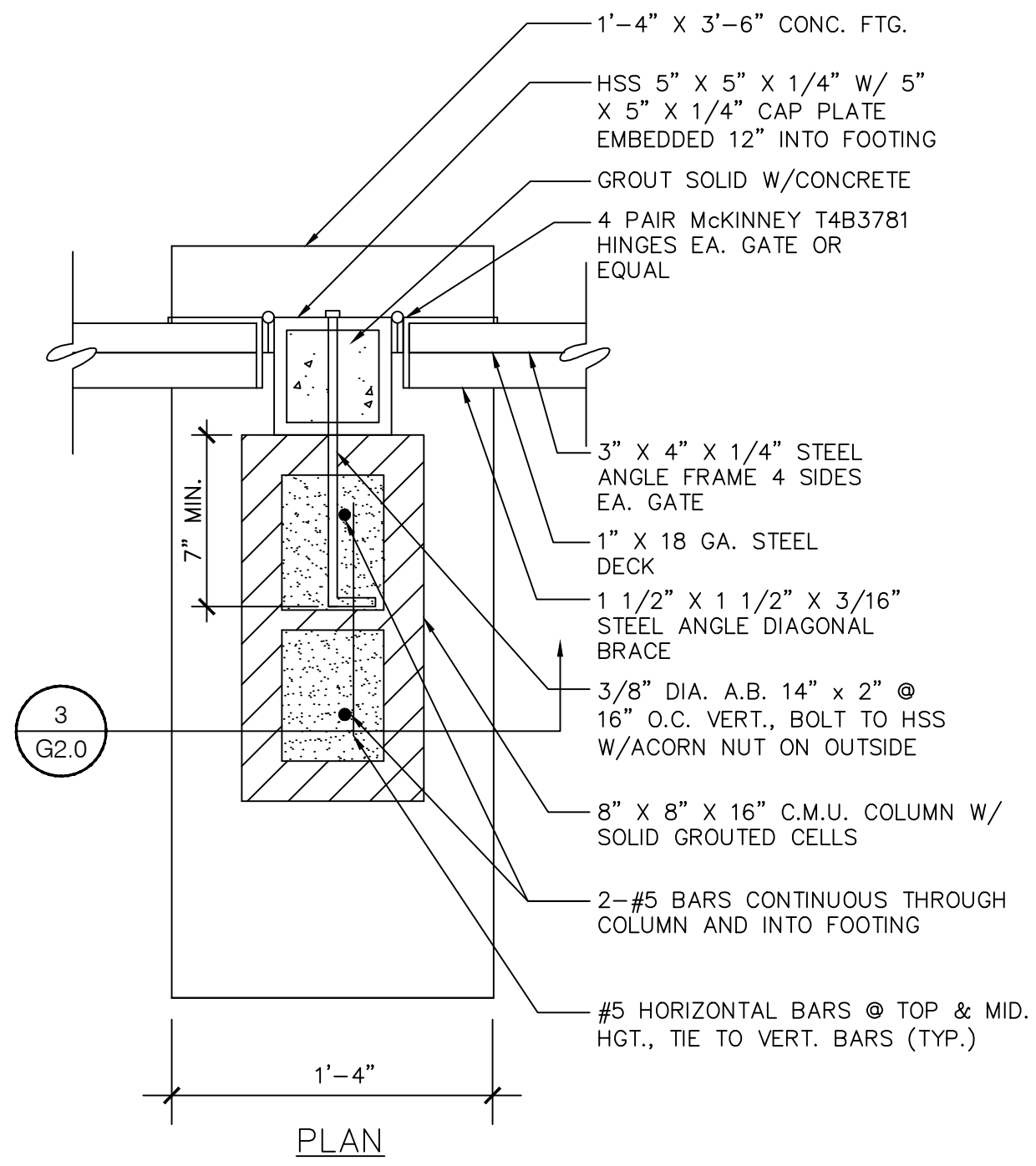
1579 N. MORTON ST.
FRANKLIN, IN 46131



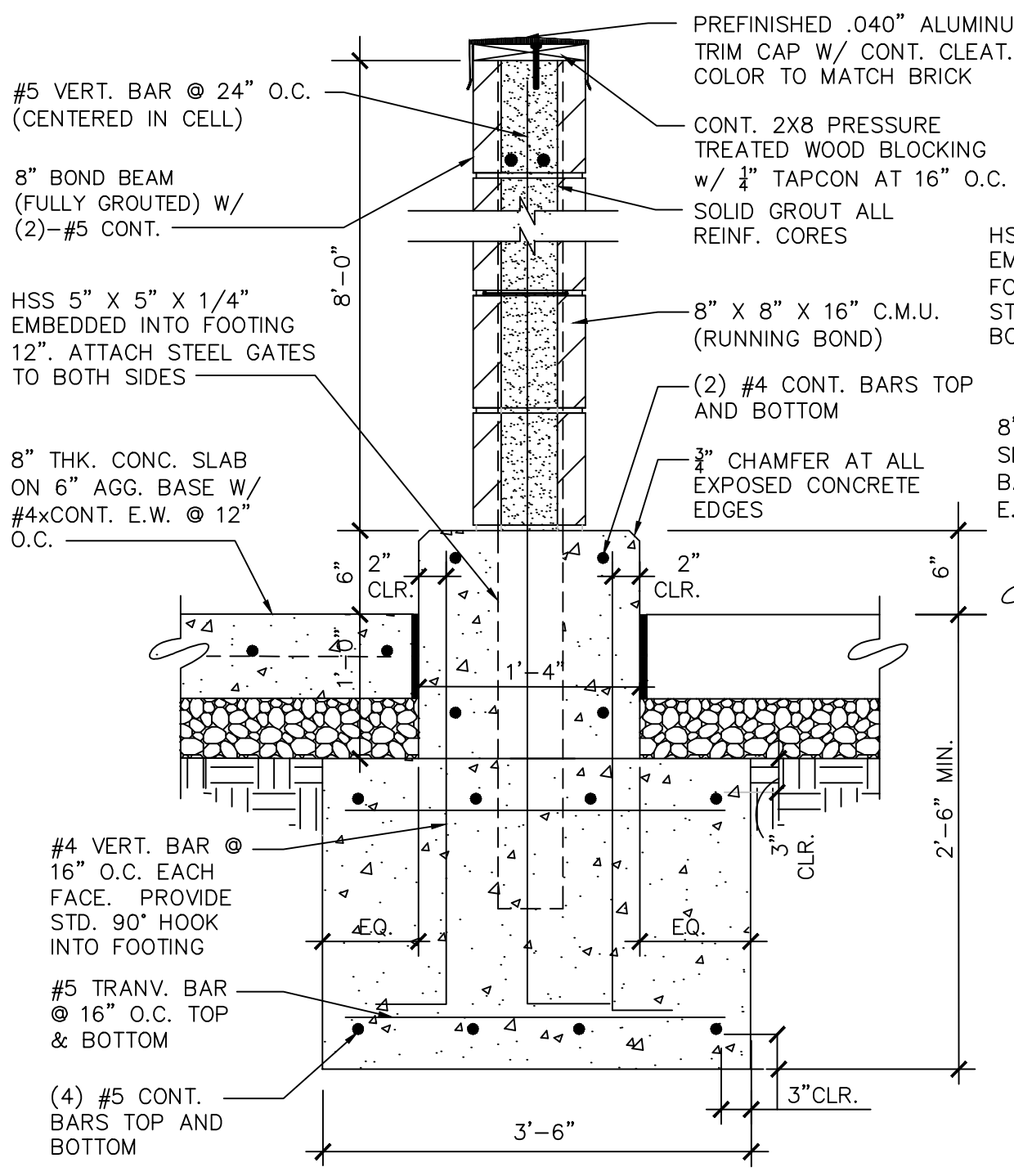
ENDEAVOR 2.0
GREEN
CHECKLIST
SHEET

G1.0

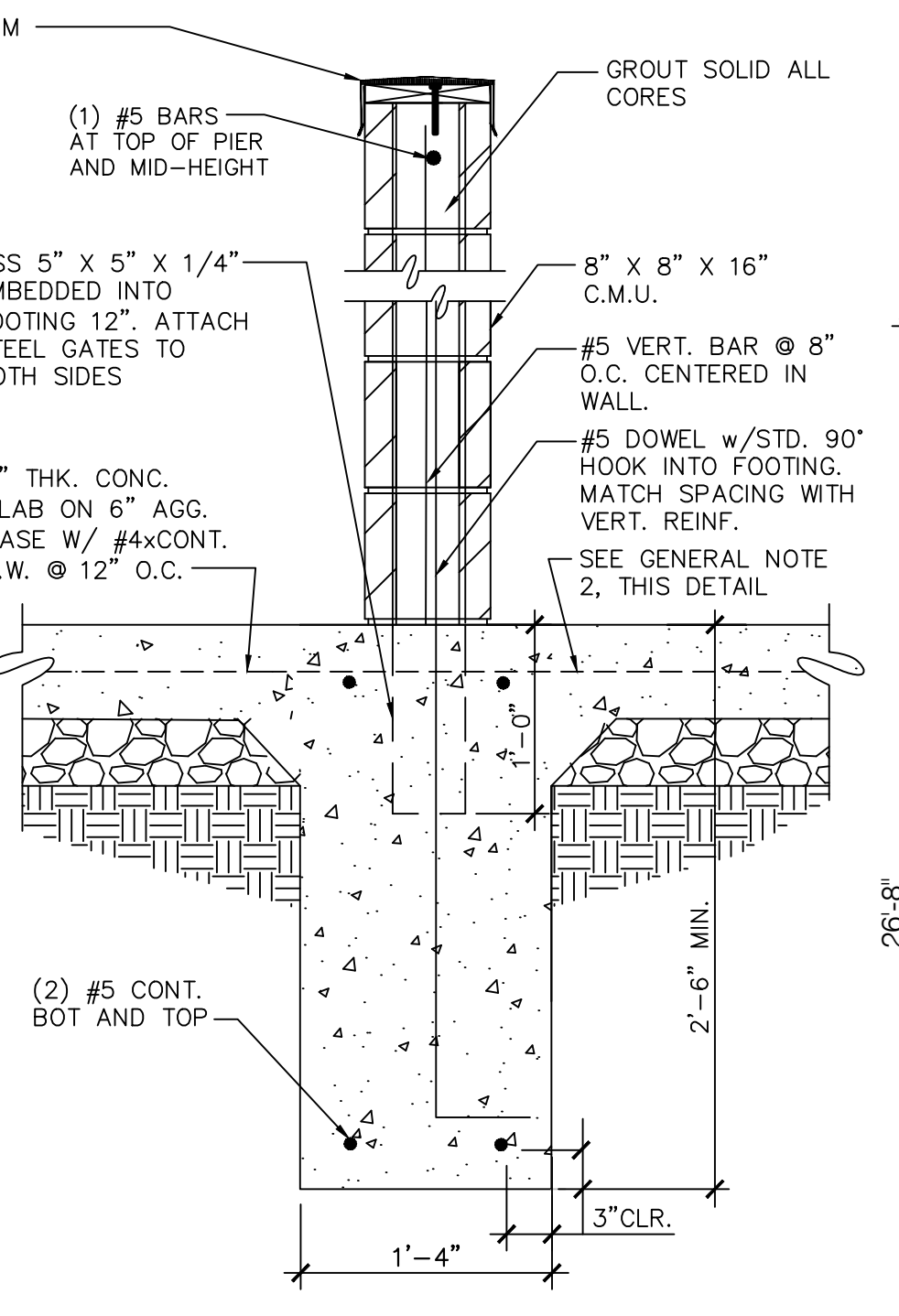
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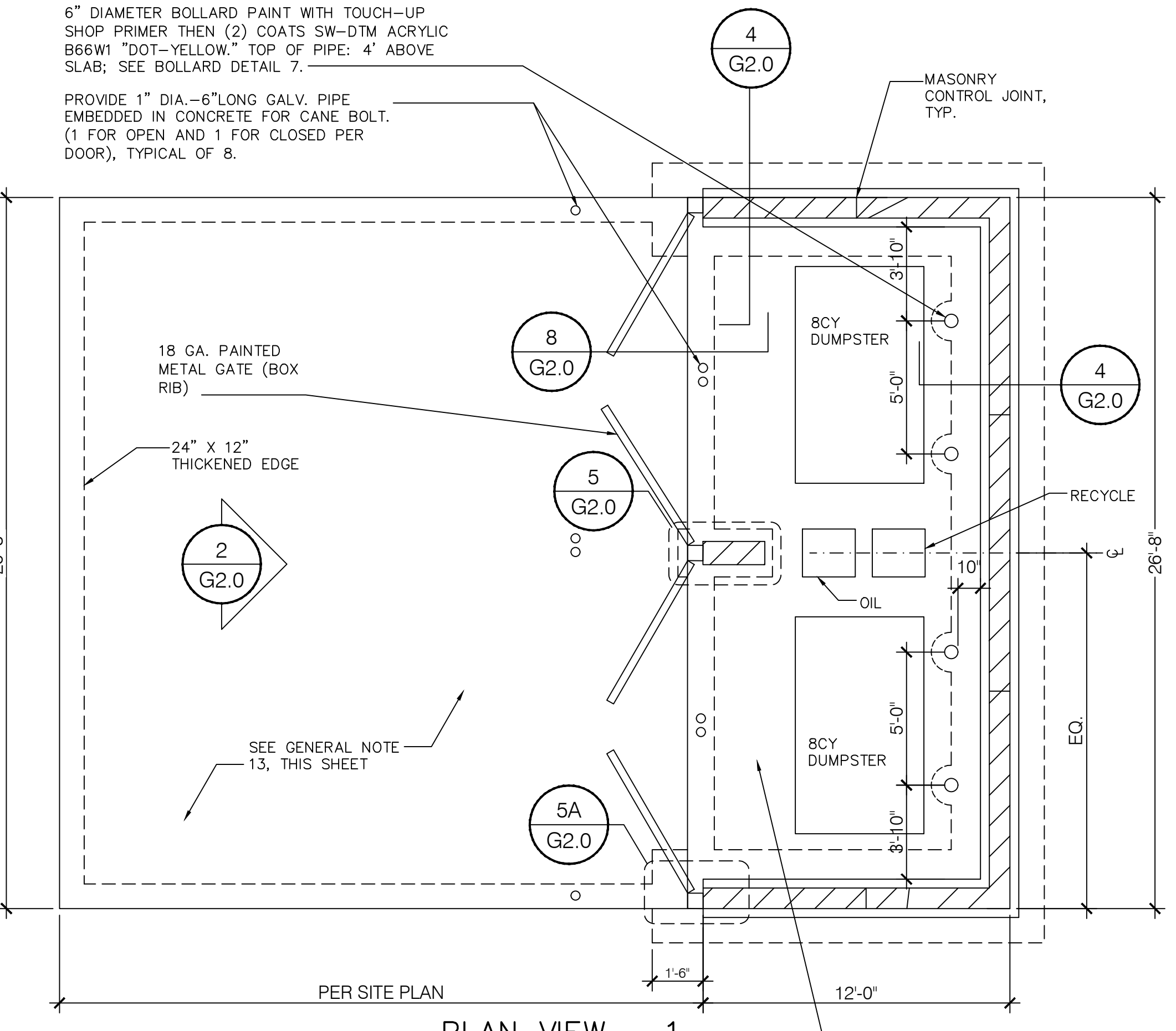
JAMB DETAIL - 5
N.T.S.



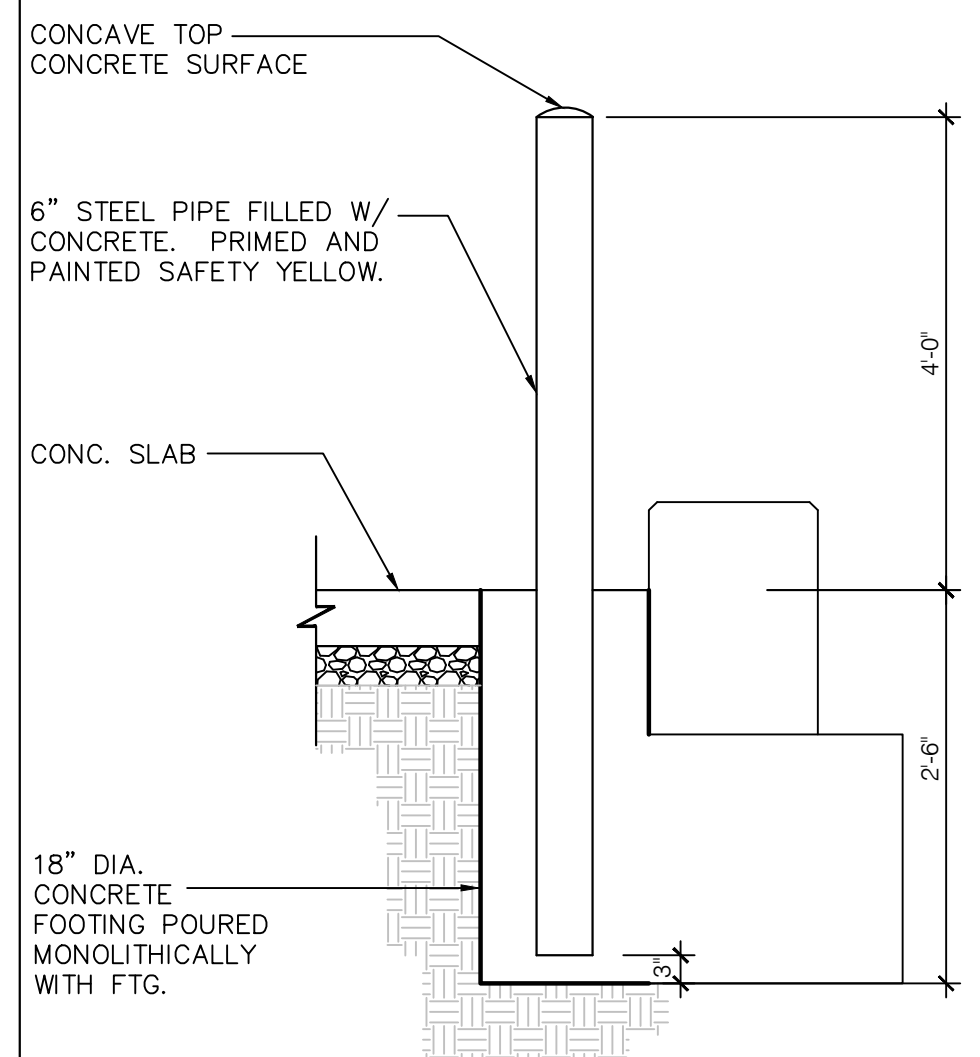
SECTION - 4
N.T.S.



SECTION - 3
N.T.S.



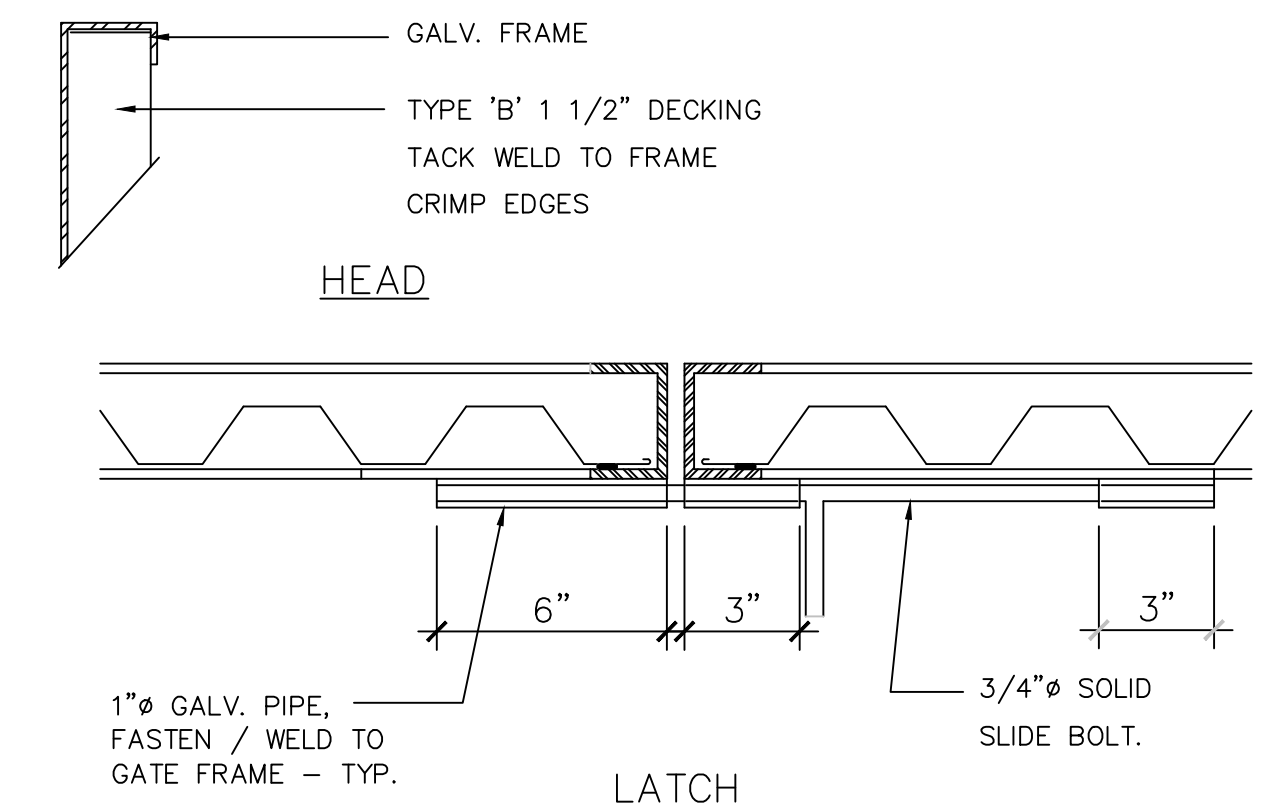
PLAN VIEW - 1
N.T.S.



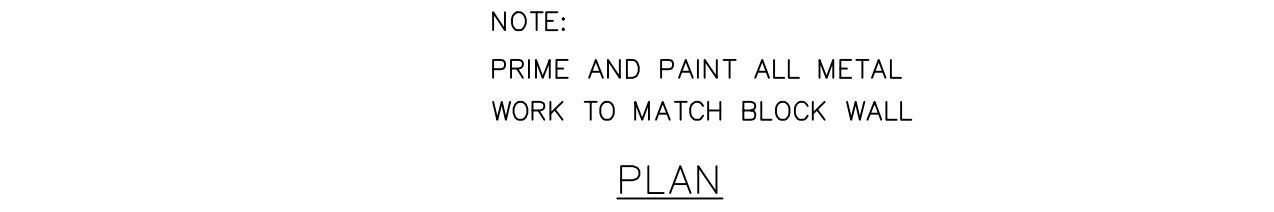
BOLLARD DETAIL - 7
N.T.S.

GATE NOTES:
 (2) EQUAL (±6'-0") WIDE x 6'-0" HIGH STEEL GATES, TYPE 'B' 1 1/2" GALVANIZED DECKING, 18 GA. W/ STEEL ANGLE DIAGONAL GALVANIZED CROSS BRACING, WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT COLOR TO MATCH BUILDING SIDING.

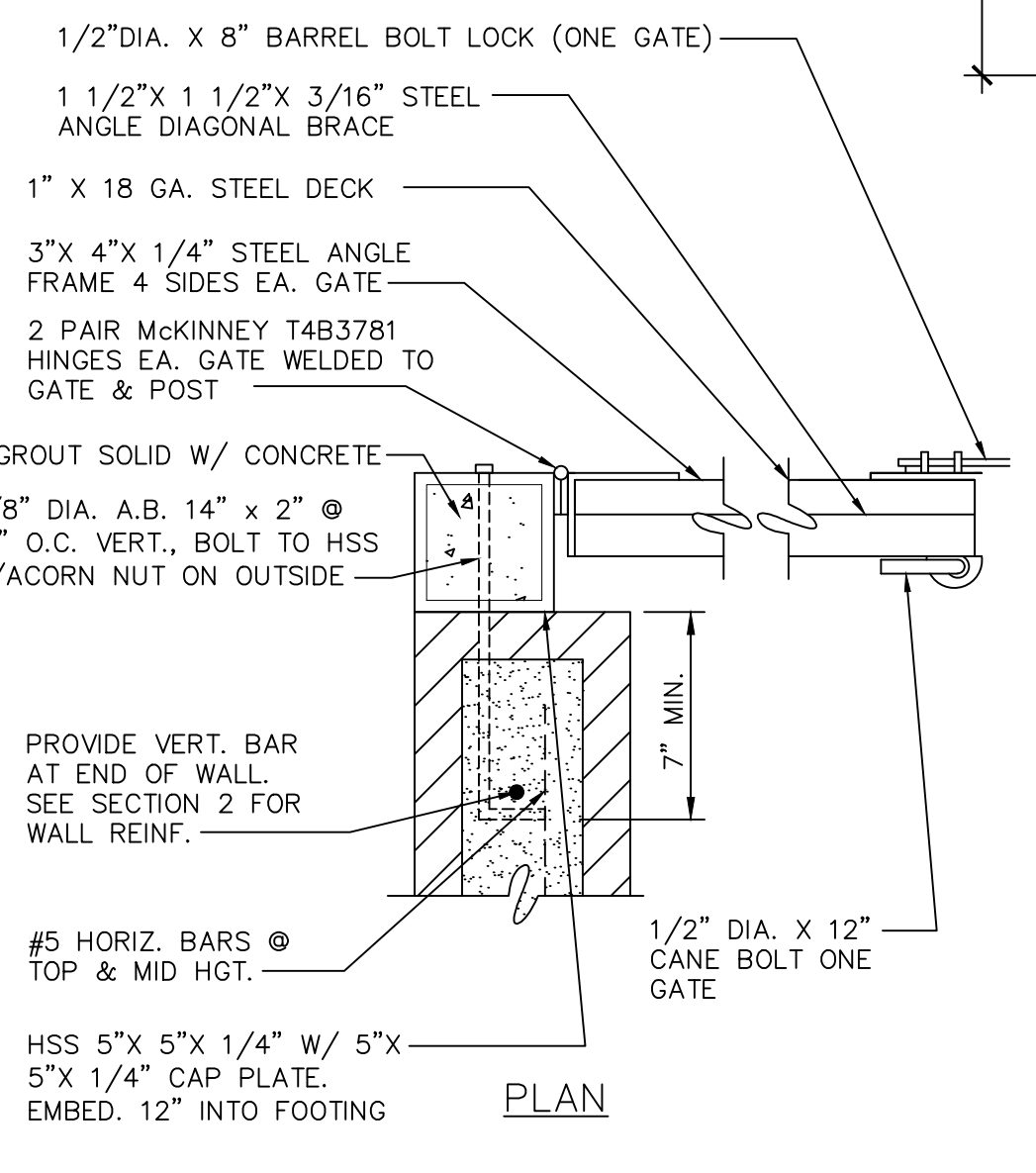
GATE HARDWARE:
 ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.
 GATE STOP - MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.



LATCH



GATE DETAILS - 6
N.T.S.



JAMB DETAIL - 5A
N.T.S.

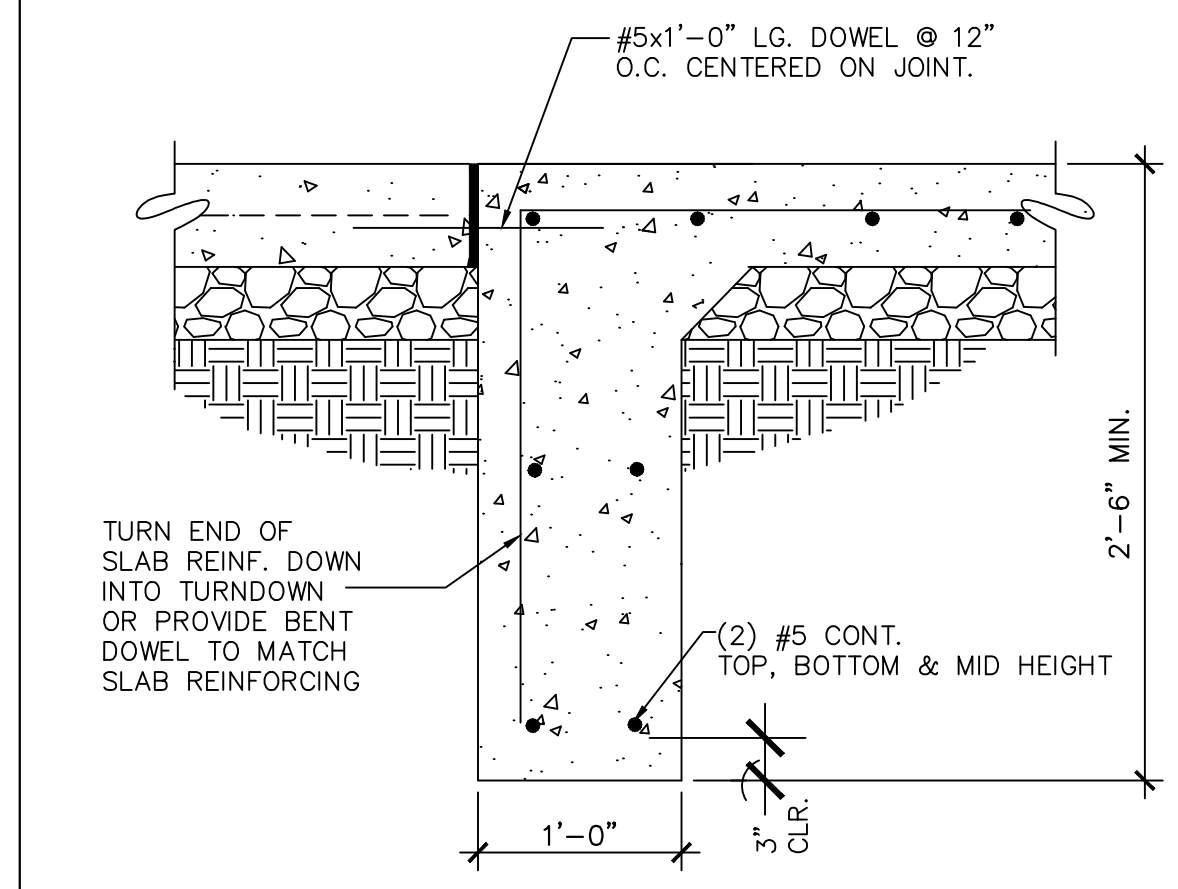
NOTES:
 1. LOCATION SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT.
 2. AREAS SHALL BE ACCESSIBLE FOR DELIVERY AND COLLECTION.
 3. GATES SHALL BE CORRUGATED METAL DOORS AND MUST BE APPROVED BY PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION.
 4. GATE LATCHES SHALL BE OF THE PLUNGER BAR TYPE OR EQUIVALENT AS APPROVED BY THE PUBLIC WORKS DEPARTMENT.

TRASH ENCLOSURE DETAIL MATERIAL SPECIFICATIONS:
 1. CONCRETE BLOCK: 8" MINIMUM IN SIZE. ASTM C90.
 2. REINFORCING STEEL: ASTM 615. GRADE 60.
 3. ACCEPTABLE SOIL TYPES:
 A. MIN. ALLOWABLE BEARING: 2000 LBS./SQ. FT. (PRESUMPTIVE)
 B. MIN. LATERAL BEARING: 100 LBS./SQ. FT./FT. (PRESUMPTIVE)
 C. MAX EXPANSION INDEX: 20
 4. CONCRETE: 4000 LBS./SQ. IN. IN 28 DAYS.
 5. MORTAR: 1: 1/4:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND, BY VOLUME). MIXED TO PLASTIC CONSISTENCY.
 6. GROUT: 1:1/10:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND BY VOLUME) MIX TO FLOW WITHOUT SEGREGATION. GROUT MAY CONTAIN 2 PARTS PEA GRAVEL (3/8" MAX. SIZE). MINIMUM COMPRESSIVE STRENGTH: 2000 LBS./SQ. IN.
 7. HSS PIPE SHALL CONFORM TO ASTM A500, GR. B (Fy=46 KSI).

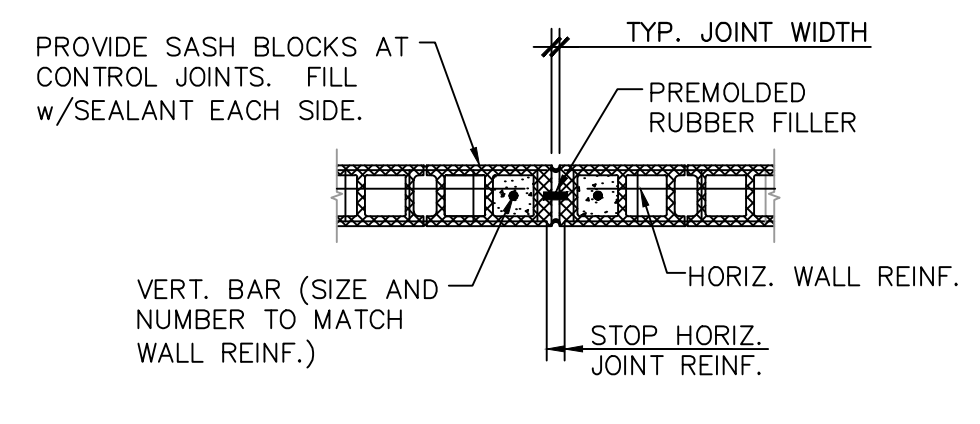
GENERAL NOTES:
 1. CONTRACTOR TO FIELD VERIFY SITE CONDITIONS AND UNDERGROUND UTILITIES PRIOR TO ORDERING AND/OR FABRICATING MATERIALS. CONTRACTOR SHALL VERIFY LOCATION OF DUMPSTER ENCLOSURE WITH CIVIL PLANS. NOTIFY ARCHITECT AND CIVIL ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
 2. FOOTINGS SHALL EXTEND 2'-6" MINIMUM BELOW FINISH GRADE AND SHALL BE IN NATURAL SOIL OR CERTIFIED FILL.
 3. BLOCKS TO BE STAGGERED (RUNNING BOND).
 4. ALL CELLS CONTAINING REINFORCING STEEL SHALL BE GROUTED.
 5. APPROVED GROUT STOPS ARE REQUIRED BELOW HORIZONTAL STEEL IN

PARTIALLY GROUTED WALLS. BAGS, NEWSPAPERS, ETC. ARE NOT APPROVED GROUT STOPS.
 6. INITIAL BED JOINT SHALL BE 1/4" MIN. 1" MAX. SUBSEQUENT BED JOINTS SHALL BE 1/4" MIN. 3/8" MAX.
 7. VERTICAL CONTINUITY OF CELLS SHALL BE UNOBSTRUCTED. MORTAR PROJECTIONS SHALL NOT EXCEED 1/2" FOR 6" AND LARGER BLOCK. MORTAR DROPPINGS OR OTHER FOREIGN MATTER ARE NOT PERMITTED IN CELLS AND MUST BE REMOVED.
 8. CONTROL JOINTS REQUIRED 12" MAX. SPACING AND 6" FROM CORNERS. SEE PLAN.
 9. REQUIRED MASONRY BAR LAPS:
 A. VERTICAL STEEL : 48 BAR DIAMETERS.
 B. HORIZONTAL STEEL: 48 BAR DIAMETERS.
 C. WIRE JOINT REINFORCEMENT IN THE MORTARED BED JOINT: 75 WIRE DIAMETERS OR IN ALTERNATE BED JOINTS OF RUNNING BOND. 54 DIAMETERS PLUS TWICE THE BED JOINT SPACING.
 10. PLACE HORIZONTAL WIRE JOINT REINFORCEMENT AS FOLLOWS: TWO 3/16" DIAMETER BARS CONNECTED AT 16" INTERVALS BY NO. 9 GAUGE WELDED WIRE.
 11. FOR PIPES AND CONDUIT EMBEDDED IN MASONRY, REFER TO CHAPTER 21 OF THE IBC.
 12. 3" MIN. COVER REQUIRED FOR REINFORCEMENT IN CONCRETE WHICH IS CAST AGAINST EARTH.
 13. 8" THICK CONCRETE SLAB OVER 6" THICK CRUSHED AGGREGATE. 24" DEEP X 12" WIDE THICKENED EDGE FOR APPROACH SLAB. #4 REBAR @ 1'-0" O.C. EACH WAY (CENTERED IN SLAB). PROVIDE SAWCUTS AT 10'-0" O.C. EACH WAY.

INSPECTION PROCEDURES:
 1. FOUNDATION: AFTER TRENCHES ARE DUG, STEEL IS TIED IN PLACE AND BEFORE ANY CONCRETE IS PLACED.
 2. PREGROUT: AFTER ALL BLOCKS (EXCEPT CAP) ARE IN PLACE. VERTICAL AND HORIZONTAL STEEL IS IN PLACE, GROUT STOPS (FOR PARTIALLY GROUTED MASONRY) ARE IN PLACE, AND PRIOR TO GROUTING.
 3. FINAL: AFTER GROUT IS IN PLACE AND PRIOR TO PLACEMENT OF CAP.



SECTION - 8
N.T.S.

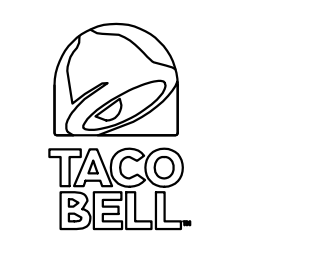


MASONRY CONTROL JOINT - 9
N.T.S.

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END, MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY: RS/RB
 JOB NO.: 2018088.64

TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131

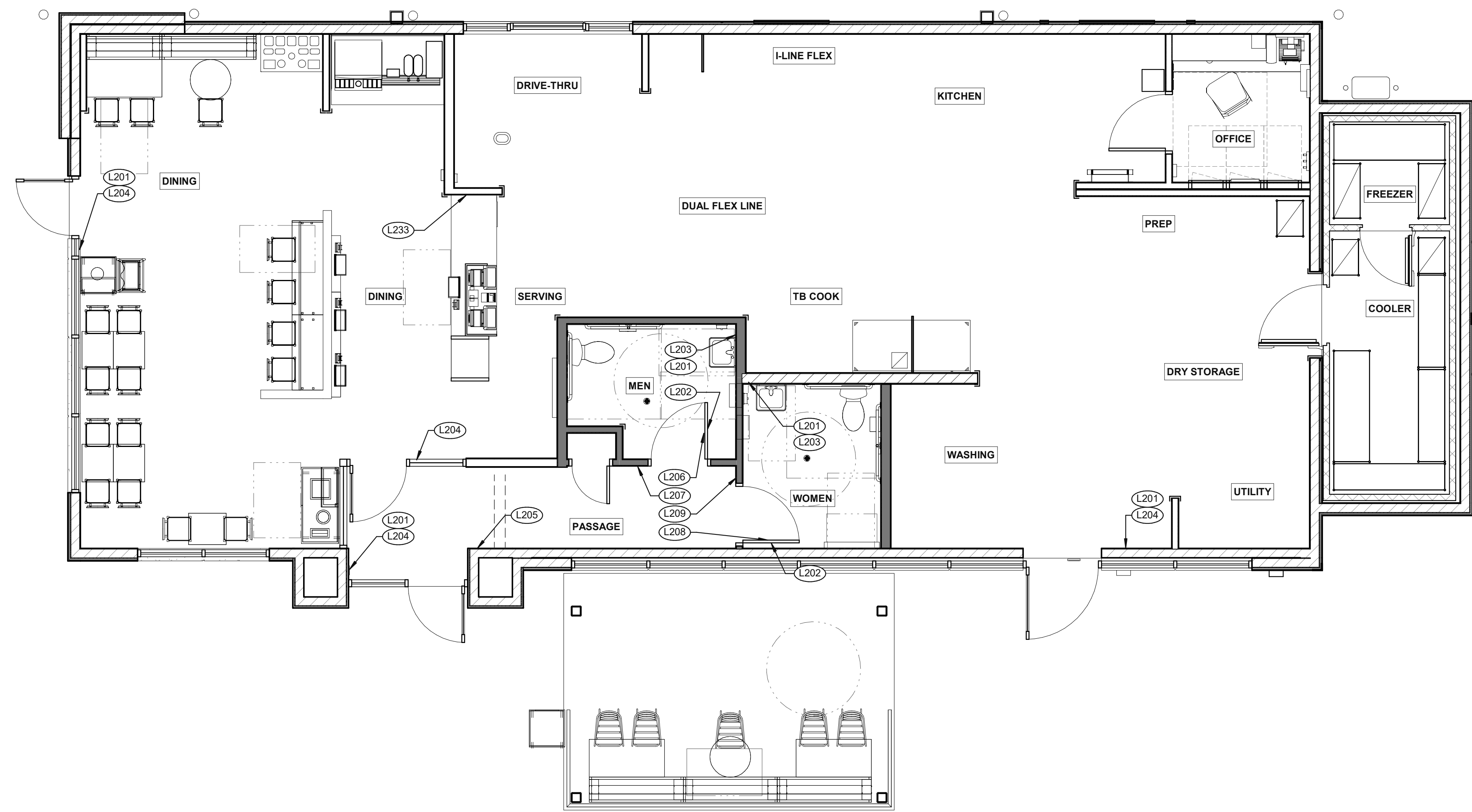


ENDEAVOR 2.0
TRASH ENCLOSURE DETAILS

G2.0
 PLOT DATE:



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
SIGNAGE PLAN

G4.0

PLOT DATE: 1/19/2022 11:09:17 AM

SIGNAGE 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.	4	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 female and braille to read: Women's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	60" A.F.F.	1	At front counter

STANDARD REQUIRED SIGNAGE 3

NOT USED 2

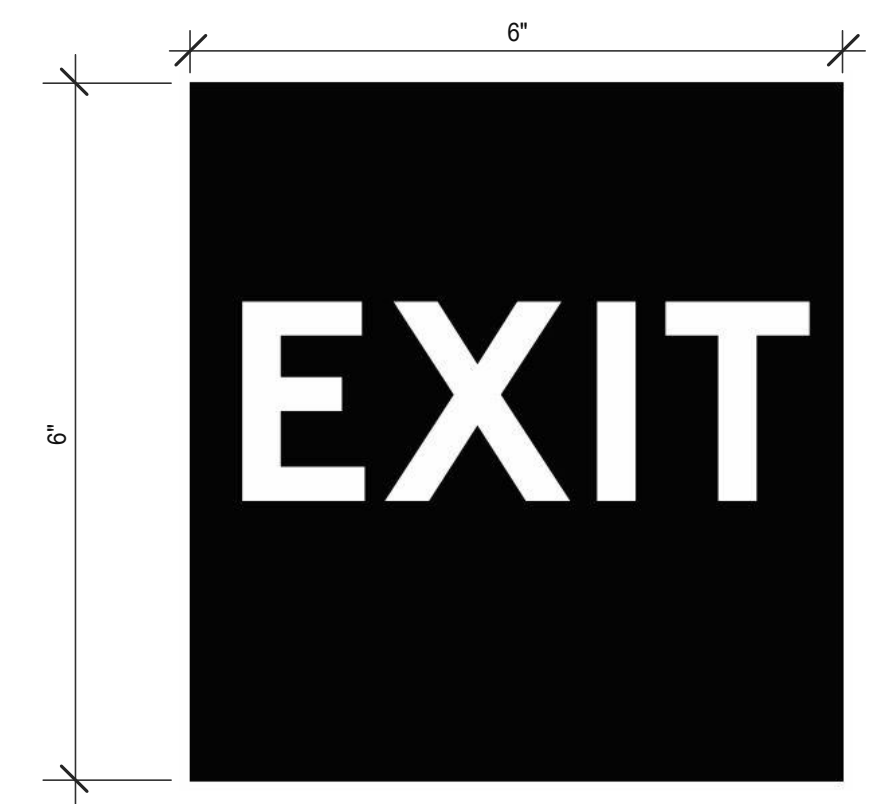
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3 STREAM TRASH 1 - BIN LABELS (L220) **13**



WOMEN RESTROOM WHITE SIGN (L208) **9**



EXIT BRAILLE SIGN (L204) **5**



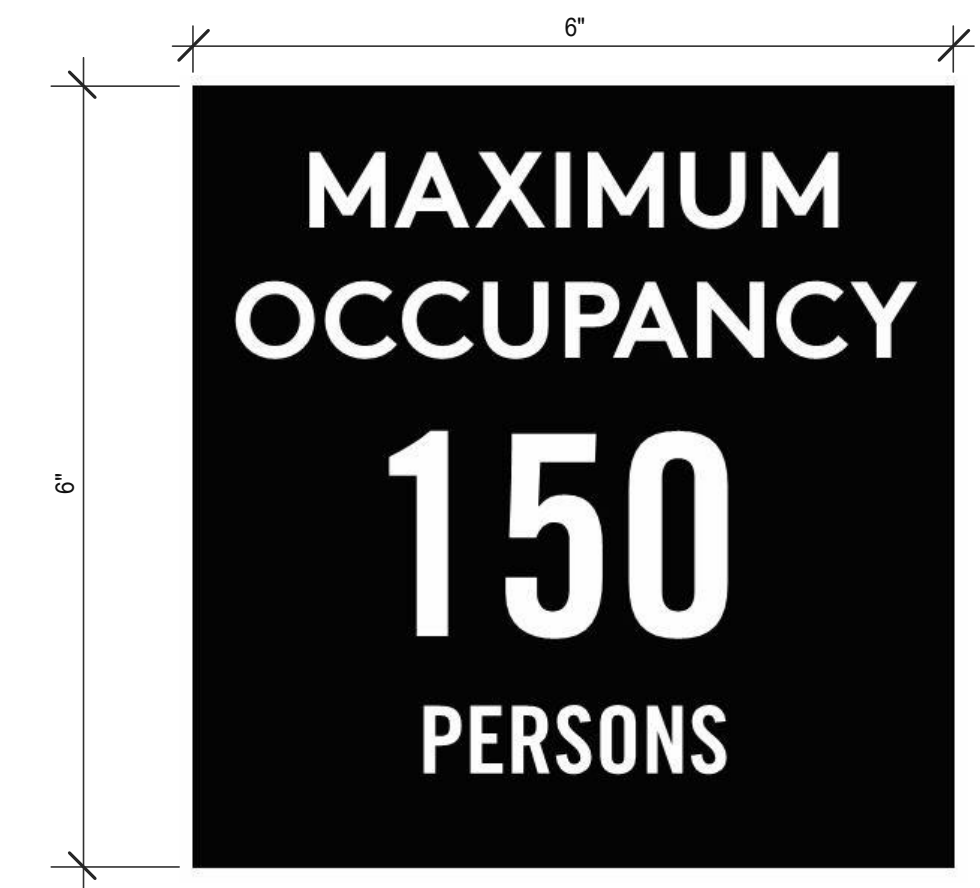
NO SMOKING SIGN (L201) **1**



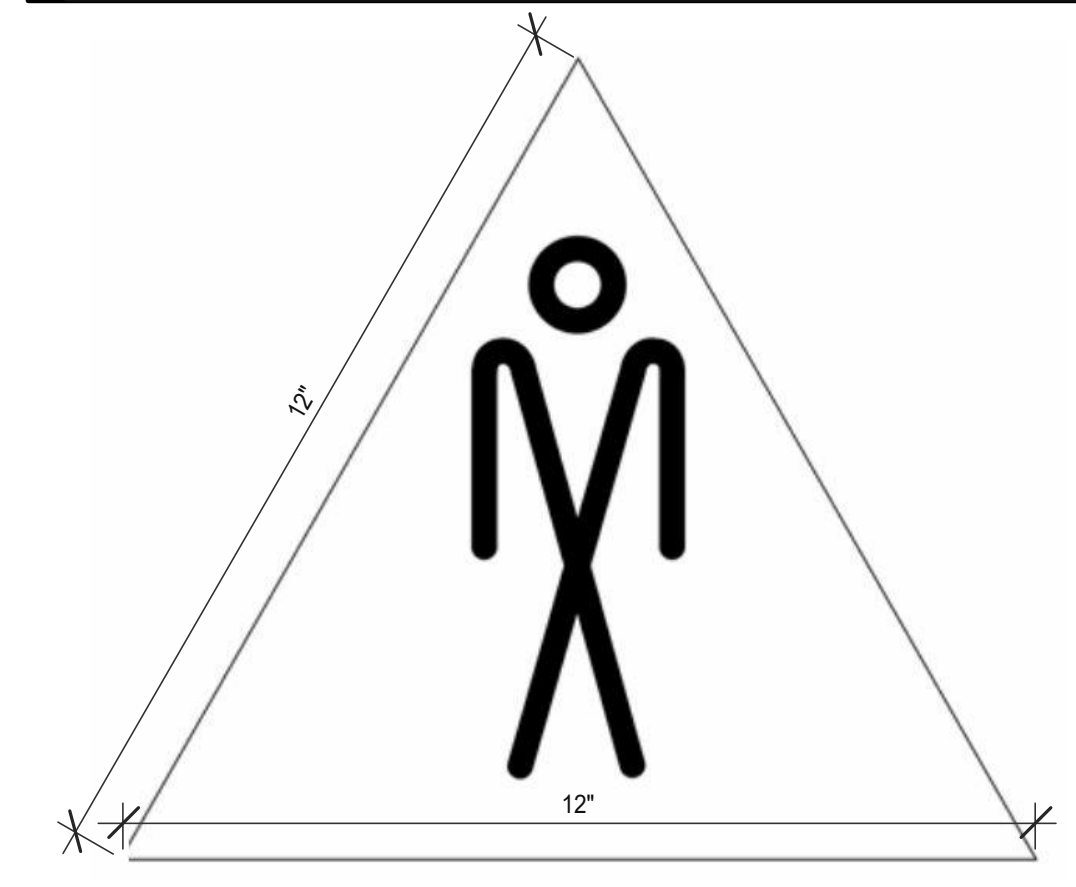
3 STREAM TRASH 2 - LABELS (L221) **14**



WOMEN RESTROOM BRAILLE SIGN (L209) **10**



OCCUPANCY SIGN (L205) **6**



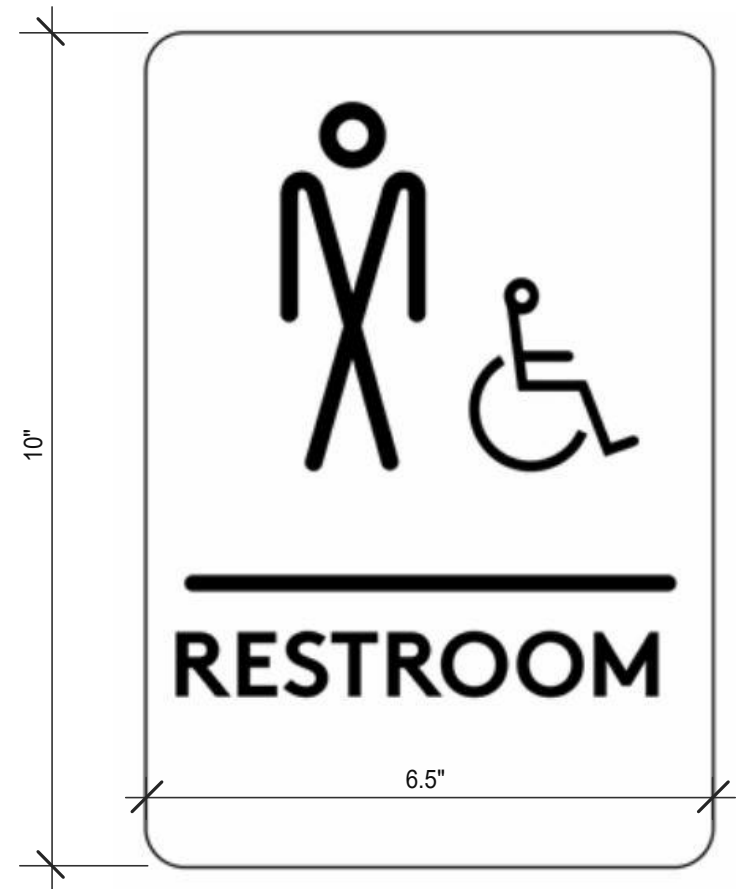
MEN RESTROOM WHITE SIGN (L206) **7**



CLEAN RESTROOM SIGN (L202) **3**



IF YOU NEED ASSISTANCE (L233) **12**



MEN RESTROOM BRAILLE SIGN (L207) **8**



HAND WASH NOTICE SIGN (L203) **4**

DATE	REMARKS
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01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

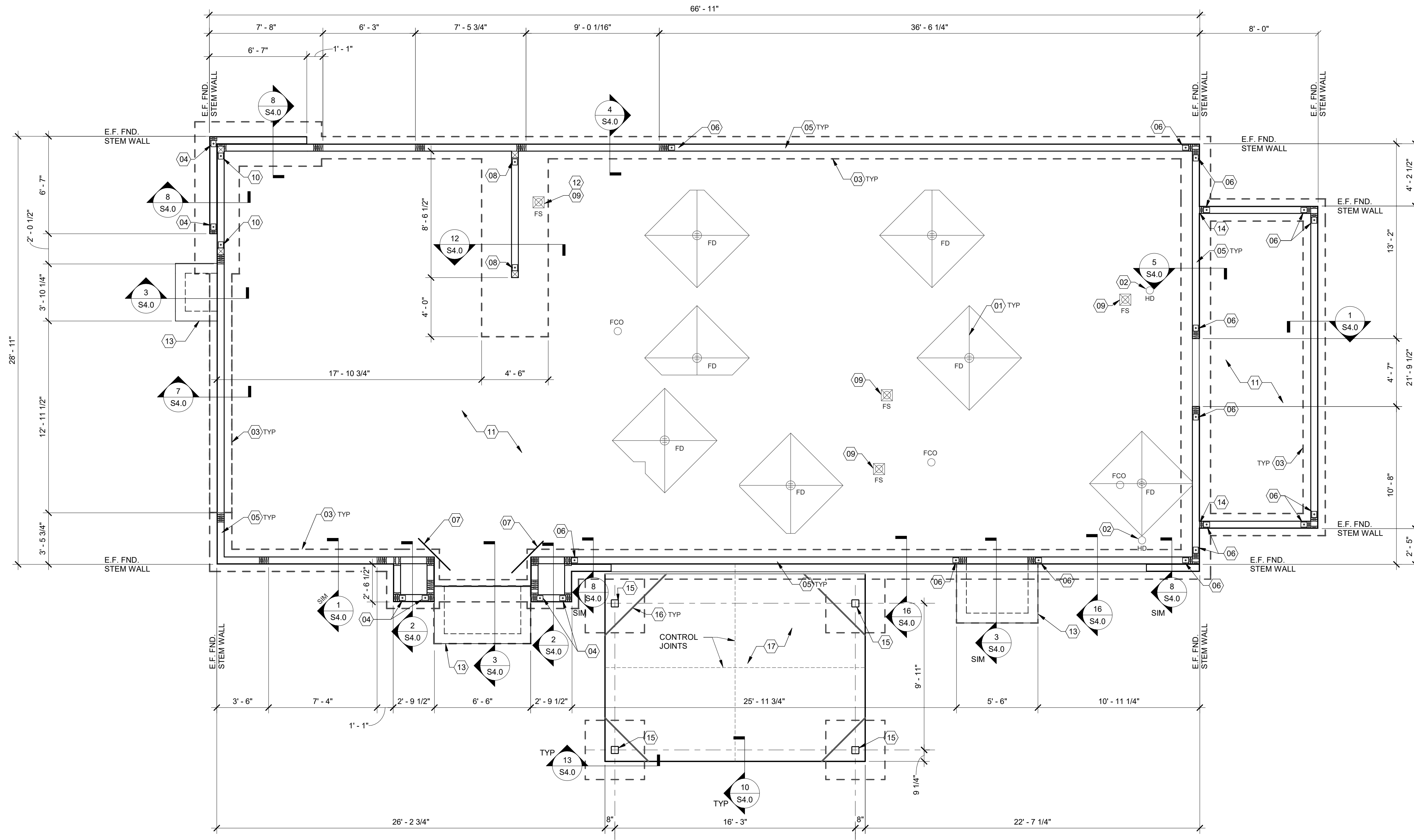


ENDEAVOR 2.0
**SIGNAGE
DETAILS**

G4.1
PLOT DATE: 1/19/2022 11:09:19 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY: RB
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
FOUNDATION
PLAN**

S1.0

PLOT DATE: 1/19/2022 11:25:06 AM

DESIGN CRITERIA:

DESIGN CRITERIA: 2014 INDIANA BUILDING CODE (2012 IBC)	SEISMIC LOADS: RISK CATEGORY: II SEISMIC IMPORTANCE FACTOR: 1.0 SITE CLASS: D
ROOF SNOW LOADS: GROUND SNOW LOAD (Pg): 20 PSF EXPOSURE FACTOR (Ce): 1.0 IMPORTANCE FACTOR (I): 1.0 THERMAL FACTOR (Ct): 1.0	MAPPED SPECTRAL RESPONSE ACCEL: Ss: 0.15739 S1: 0.08959
ROOF LOADS: LIVE LOAD: 20 PSF DEAD LOAD: 20 PSF	SPECTRAL RESPONSE COEFF.: 0.1789 SHORT PERIODS (SDS): 0.1439 1 SEC. PERIODS (SD1): SEISMIC DESIGN CATEGORY: C
WIND LOADS: 3 SECOND GUST: 115 MPH RISK CATEGORY: II EXPOSURE CATEGORY (MWFRS): B INTERNAL PRESSURE COEFF.: ±0.18	WOOD SHEARWALLS: RESPONSE MOD FACTOR (R): 6.5 DESIGN BASE SHEAR (Cs): 0.0275*W ANALYSIS BY SIMPLIFIED PROCEDURE

COMPONENT AND CLADDING WIND LOAD SCHEDULE

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

FOUNDATION NOTES - TYP U.O.:

FOUNDATION
A. FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL ENGINEERING REPORT BY PSI, INC. DATED FEBRUARY 18, 2021 PROJECT NO. 0016-1384.
B. CONTRACTOR TO PROVIDE FOUNDATION & FOOTINGS AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
C. 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.
D. REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTHWORK, OVEREXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.
E. 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 AND GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
F. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
G. 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.
H. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
I. 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"x4" 3-1/2" ±1/2"
FOUNDATIONS (4000 DESIGN) 1"x4" 3-1/2" ±1/2"

CONCRETE (CONT.):
A. 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.
B. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
C. 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.
D. ANCHOR BOLTS - A36 OR A307. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. SEE SCHEDULE FOR REQUIREMENTS.
E. TO RESIST FREEZE - THAW DEGRADATION W/C. RATIO SHALL NOT EXCEED .50 FOR CONCRETE IN CONTACT WITH SOILS.
F. TOTAL AIR CONTENT TO BE 6% ± 1%.

SLAB:
A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED WITH WWF 6x6-W2.9xW2.9 (PLACED MID-DEPTH IN SLAB) OVER 10 MIL VISQUEEN MEMBRANE, OVER 4" AGGREGATE BASE, OVER ENGINEERED SUBGRADE.

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

SPECIAL INSPECTIONS:
SPECIAL INSPECTIONS ARE TO BE PROVIDED IN ACCORDANCE WITH SECTION 704. 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.
A. SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION (COMPACTING FILL, SPECIAL GRADING)
B. 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.

- (01) 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.
- (02) PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- (03) INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- (04) HTTS HOLDOWN ANCHOR. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- (05) ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND SHEARWALL SCHEDULE". SEE D/S2.0.
- (06) HD05 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- (07) (2) #4x3'-0" LG. RE-ENTRANT BARS (CENTERED IN SLAB) AT ALL RE-ENTRANT CORNERS.
- (08) HD19 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- (09) FLOOR SINK REFER TO PLUMBING DRAWINGS FOR LOCATION.
- (10) HD12 HOLDOWN ANCHOR AT EACH END OF FRONT SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL. ENTRANT CORNERS.
- (11) 4" CONCRETE SLAB - SEE FOUNDATION PLAN NOTES D/S1.0. MODIFY BASE MATERIAL AS REQUIRED BY GEOTECHNICAL ENGINEER. PROVIDE BOND BREAKER BETWEEN SLAB AND BUILDING FOUNDATIONS.
- (12) FORM FOOTING TO ACCOMMODATE FLOOR SINK AND DRAIN LINE INSTALLATION.
- (13) FROST SLAB - SEE CIVIL PLANS FOR TOP OF CONCRETE ELEVATION.
- (14) SHEAR WALL SHEATHING SHALL BE CONTINUOUS AT COOLER WALL INTERSECTION.
- (15) HSS6x6x3/16 COLUMN.
- (16) SLAB ISOLATION JOINT AT CANOPY COLUMNS (TYP.).
- (17) 4" EXTERIOR CONCRETE SLAB REINFORCED WITH 4x4-W2.9xW2.9 W.W.F. (PLACED MID-DEPTH 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.

FOUNDATION NOTES **D**

SPECIAL INSPECTIONS **C**

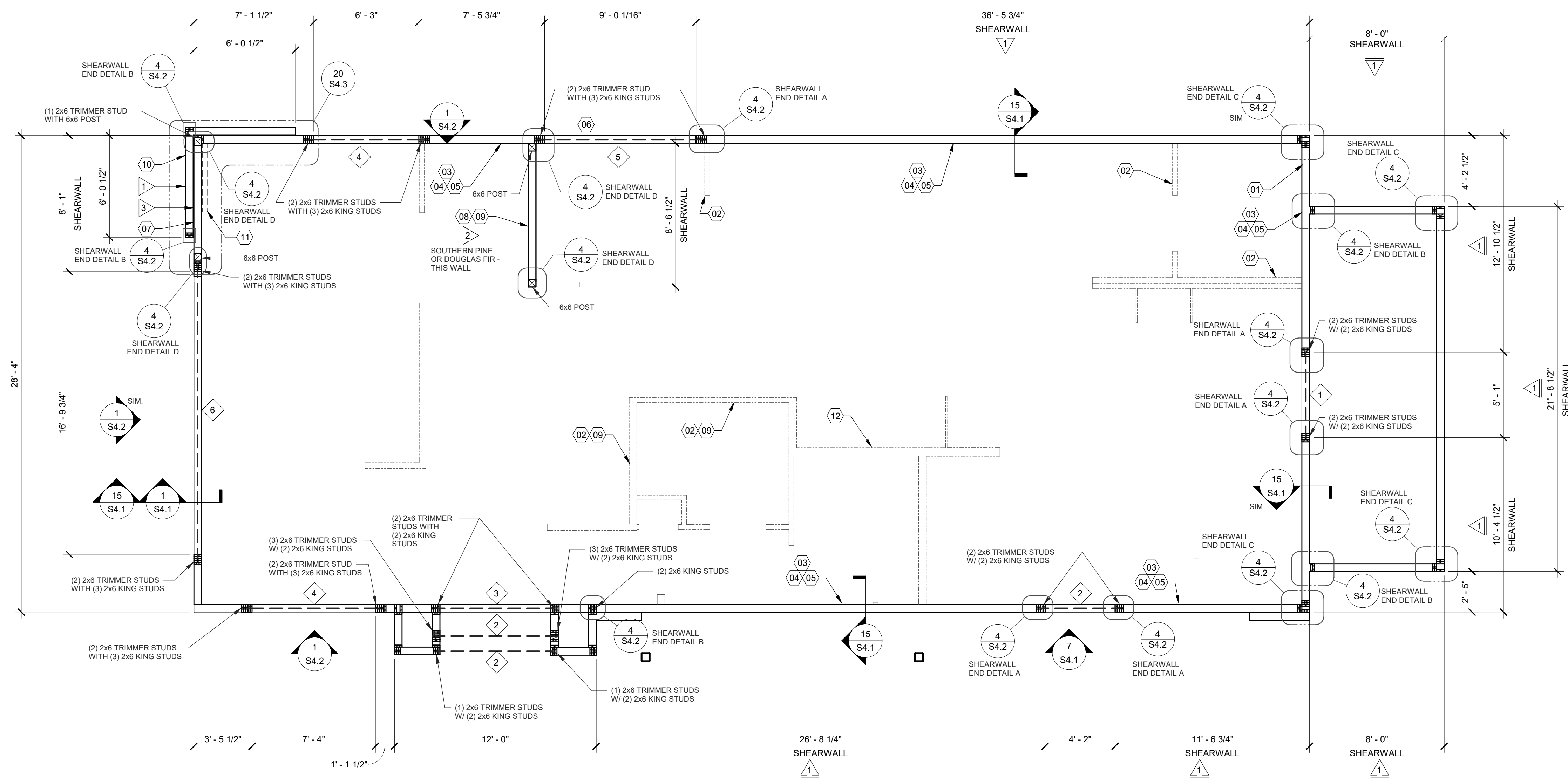
FOUNDATION KEYNOTES **B**

DESIGN CRITERIA **E**

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520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY: RB
JOB NO.: 2018088.31

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

HEADER SCHEDULE		
MARK	BUILT-UP SECTION	BUILT-UP MANUF. MEMBER
1	(3) 2x8	--
2	(3) 2x10	--
3	(3) 2x12	--
4	--	5 1/4" x 9 1/4" PSL
5	--	5 1/4" x 11 1/4" PSL
6	--	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
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	5/8" DIA. F1554 (22x3) @ 48" O.C. W/ WASHER	NAILING AT HEADERS PER 14/S4.1

REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

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

WALL 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 COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- 02 INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 10 & 11/S4.1 AND WALL FRAMING NOTES.
- 03 (2) 2x6 TOP PLATES - SPLICE PER 16/S4.1. U.O.N. REF. 11/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 TOWER FRAMING - TYPICAL.
- 08 INTERIOR SHEAR WALL FRAMING FOR 2x6 STUDS, BLOCKING, & SILL PLATE SHALL BE SOUTHERN PINE OR DOUGLAS FIR AT THIS 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.
- 12 COLD-FORMED STUD WALL (NON-LOAD BEARING STUD WALL). SEE ARCH.

HEADER SCHEDULE E

WALL SHEATHING AND SHEARWALL SCHEDULE D

WALL FRAMING NOTES C

WALL FRAMING KEYNOTES B

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



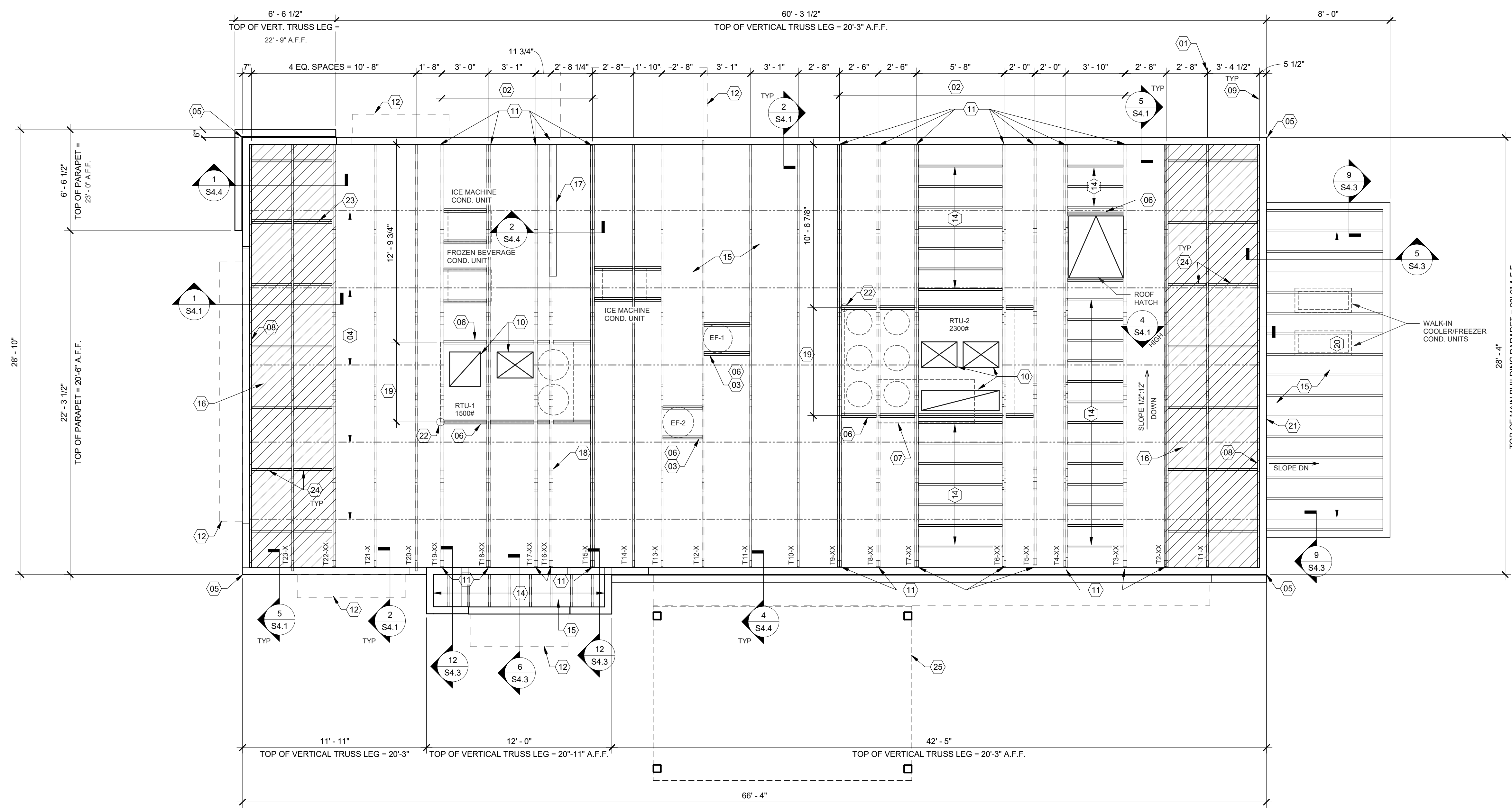
ENDEAVOR 2.0 WALL FRAMING PLAN

S2.0

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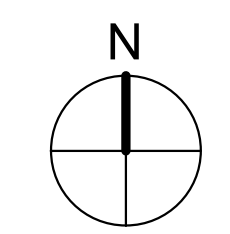
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NOTE:
DIMENSIONS SHOWN ON PLAN ARE FROM EXTERIOR FACE OF WALL STUDS. EXTERIOR FACE OF CONCRETE FOUNDATION STEM WALL TO BE FLUSH WITH EXTERIOR FACE OF WALL SHEATHING.

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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY: RB
JOB NO.: 2018088.31

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 PSCCL CLIPS. PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 9/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

MANUFACTURED ROOF TRUSS NOTES:

A. MFR'D ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.
B. "T-F" 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 INDIANA). 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 INDIANA. 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 LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT 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 NOT USED.
- 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 AS REQUIRED. DESIGN DRAG TRUSS FOR 375 PLF (ASD, 0.6"W) ALONG TOP CHORD OF TRUSS (10,285 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 2x10 @ 16" O.C. WITH SIMPSON LUS26 HANGER EA. END. PROVIDE CONT. BLOCKING BETWEEN 2x6s AT MIDSPAN.
- 21 PORTION OF PARAPET IS ABOVE ROOF OF WALK-IN COOLER. SEE ELEVATION FOR DETAILS.
- 22 RTU LOCATION POINT.
- 23 (2) 2x6 BLOCKING W/ U26-2 HANGERS EACH END AT 24" O.C. BELOW KICKERS.
- 24 2x6 BLOCKING AT BRACES. SEE 1 & 4/S4.1.
- 25 OUTLINE OF CANOPY FRAMING. SEE CANOPY FRAMING PLAN ON SHEET S4.5 FOR CANOPY ROOF FRAMING.

ROOF NAILING SCHEDULE D

ROOF FRAMING NOTES C

ROOF FRAMING KEYNOTES B

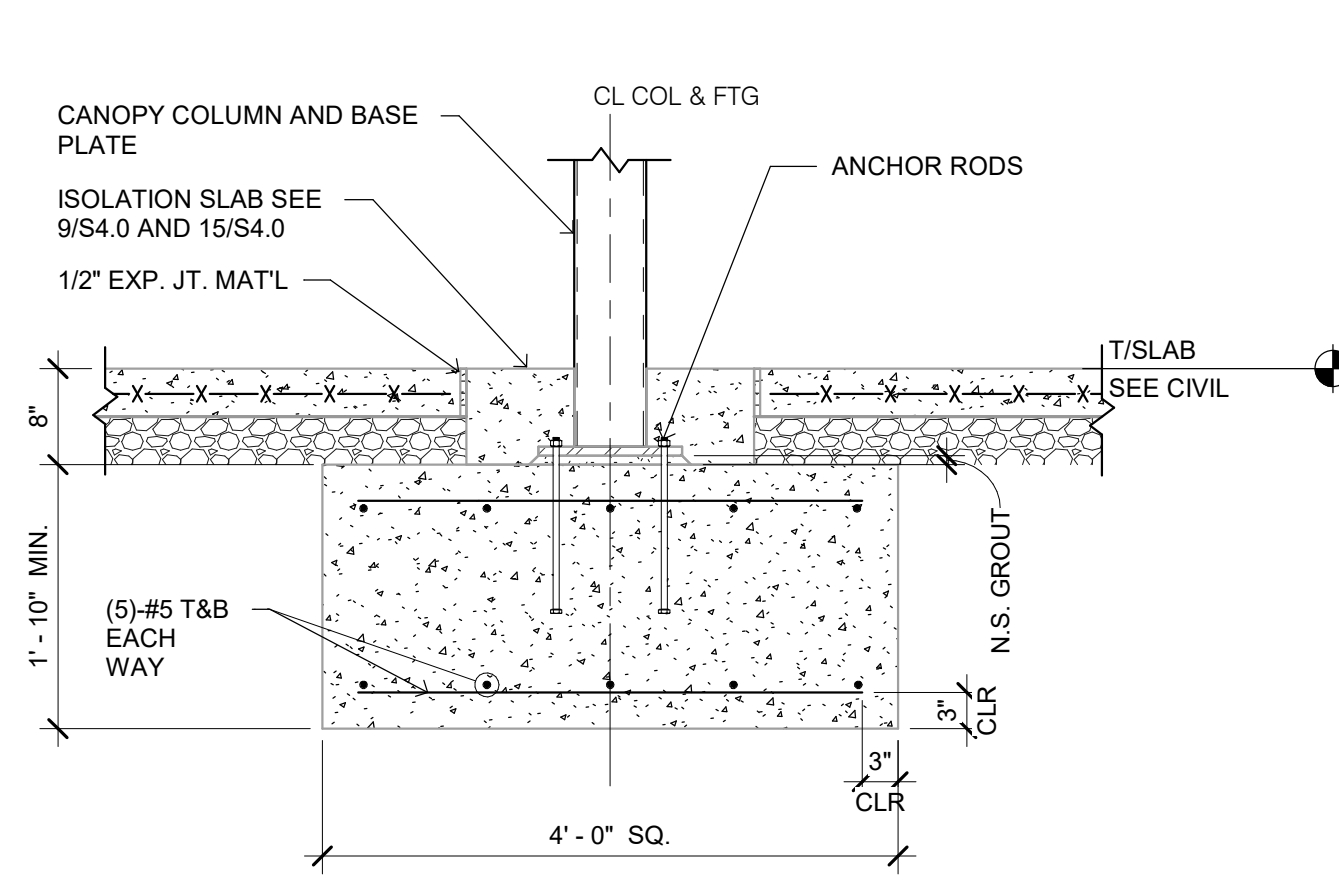
TACO BELL
1579 N. MORTON ST.
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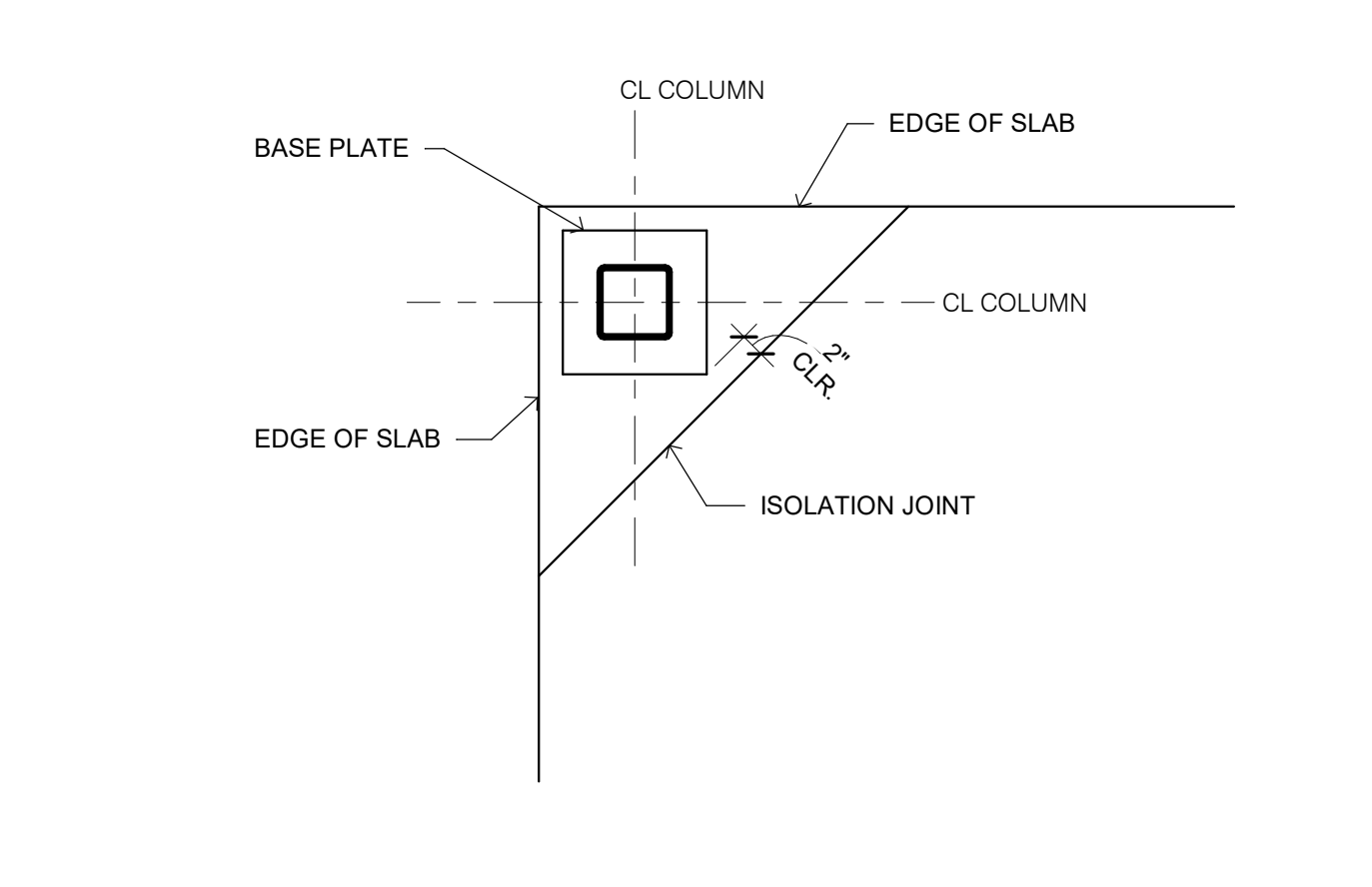
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ROOF FRAMING
PLAN**

S3.0

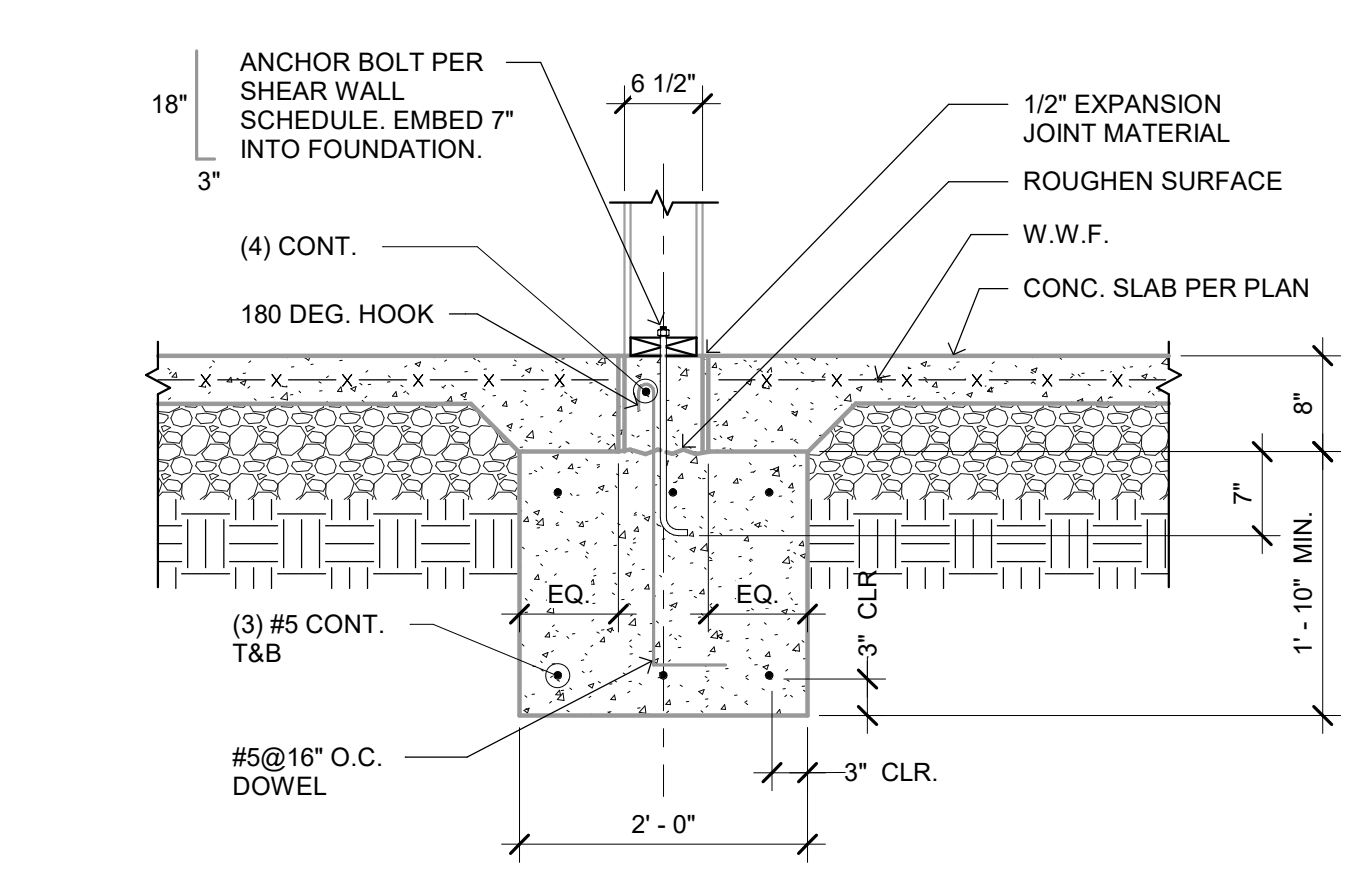
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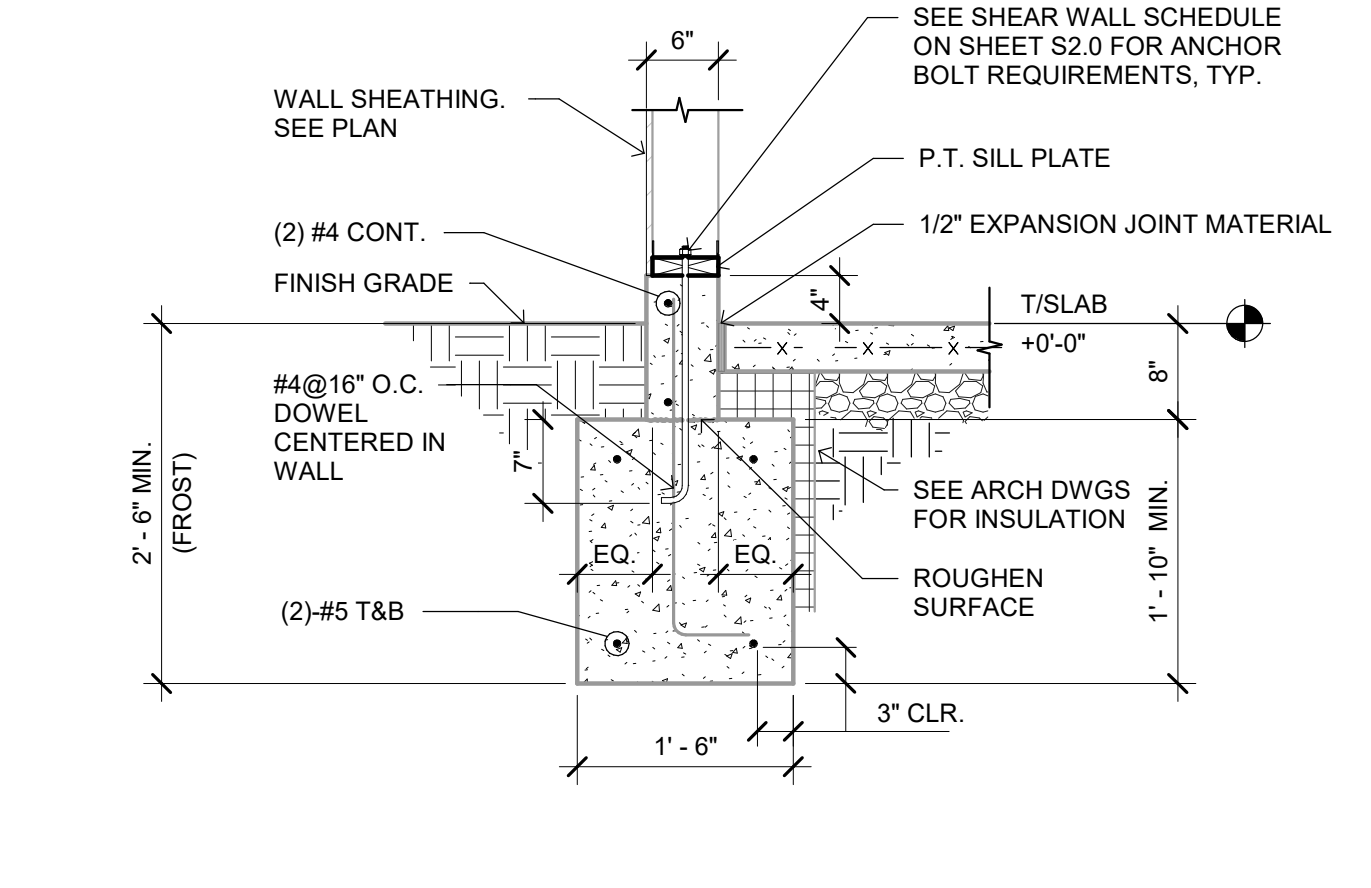
CANOPY COL. FTG. DETAIL 3/4" = 1'-0" **13**



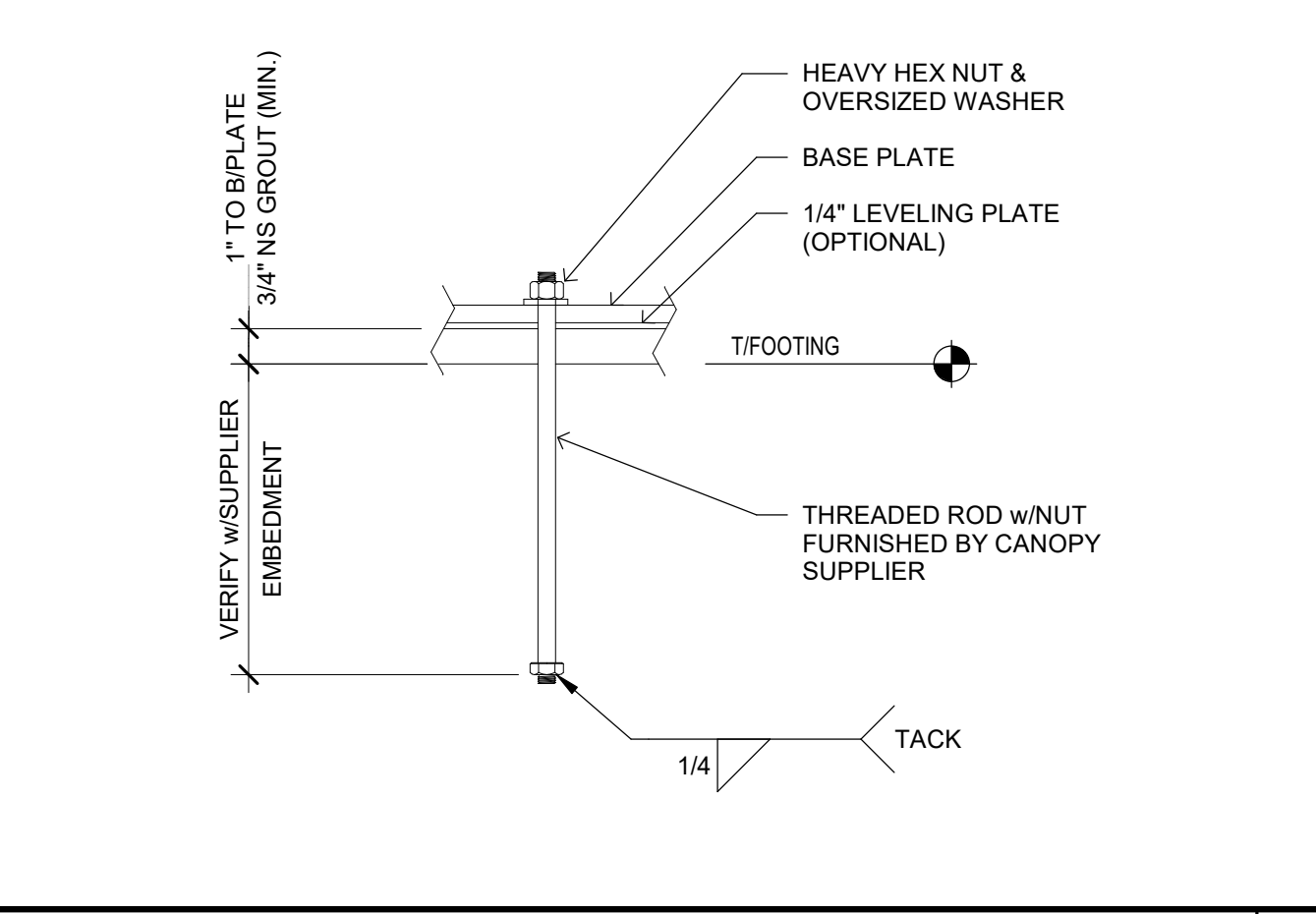
TYP. ISOLATION JOINT AT CORNERS 3/4" = 1'-0" **9**



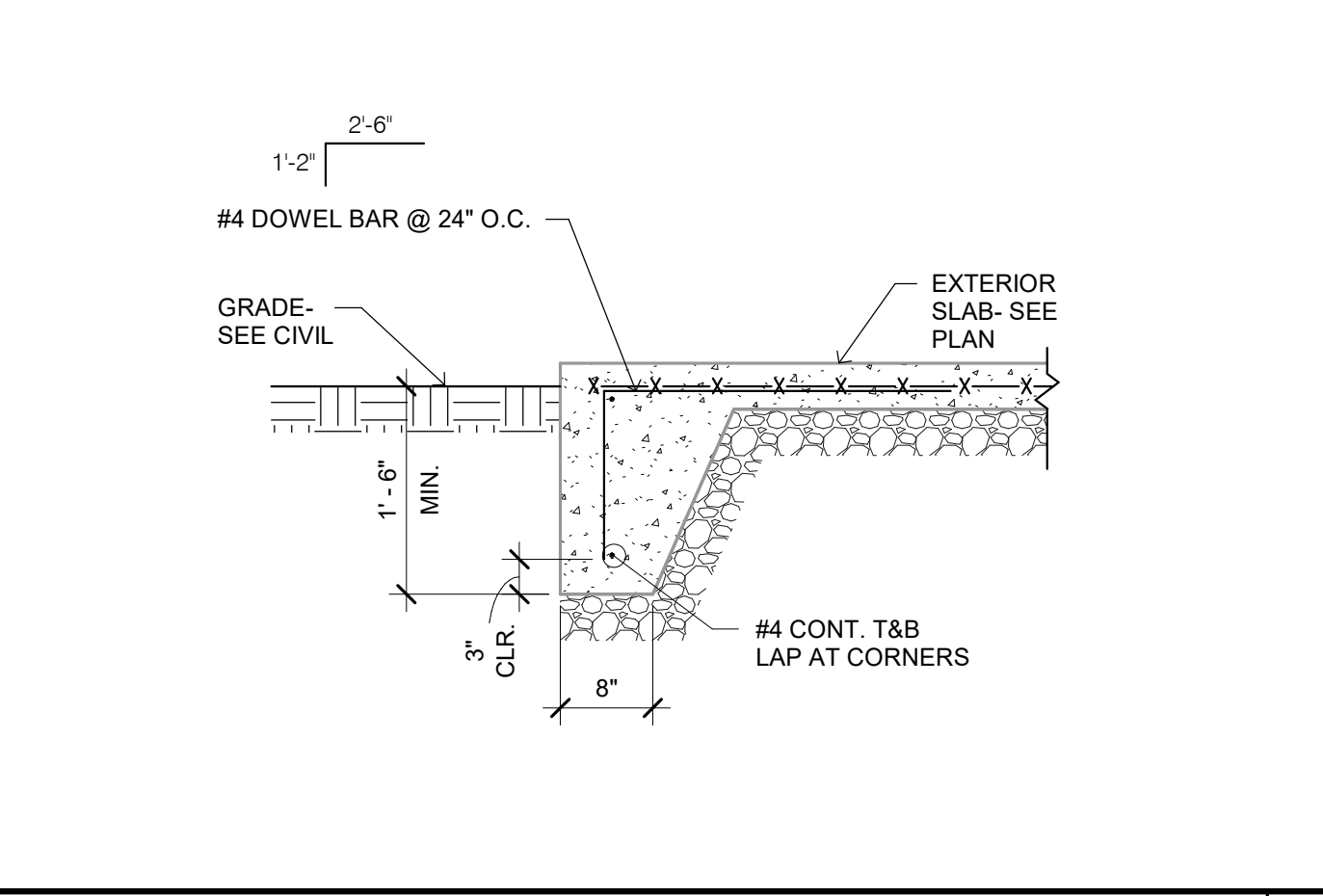
INTERIOR FOOTING AT COOLER 3/4" = 1'-0" **5**



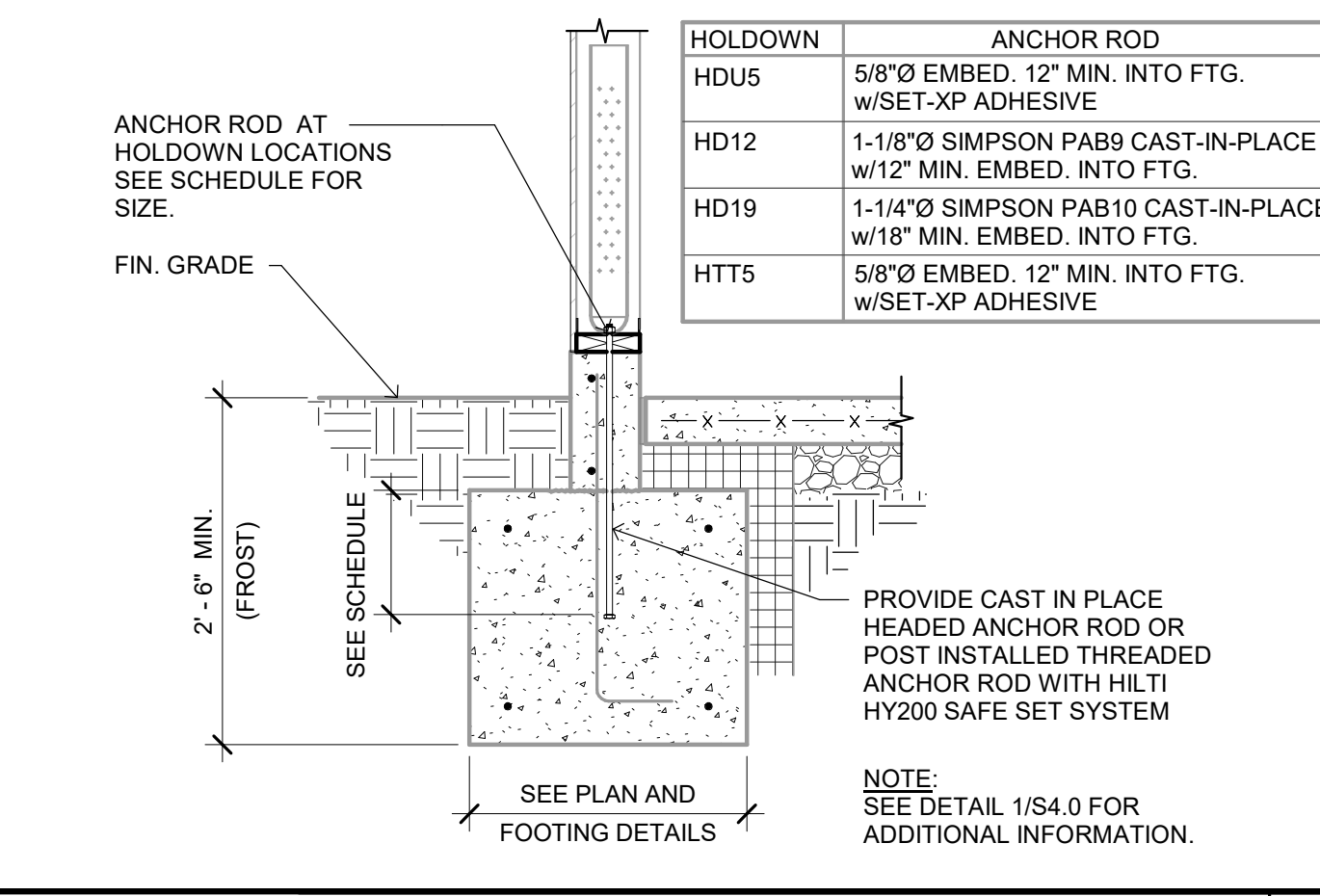
FOOTING AT SIDE AND REAR WALLS 3/4" = 1'-0" **1**



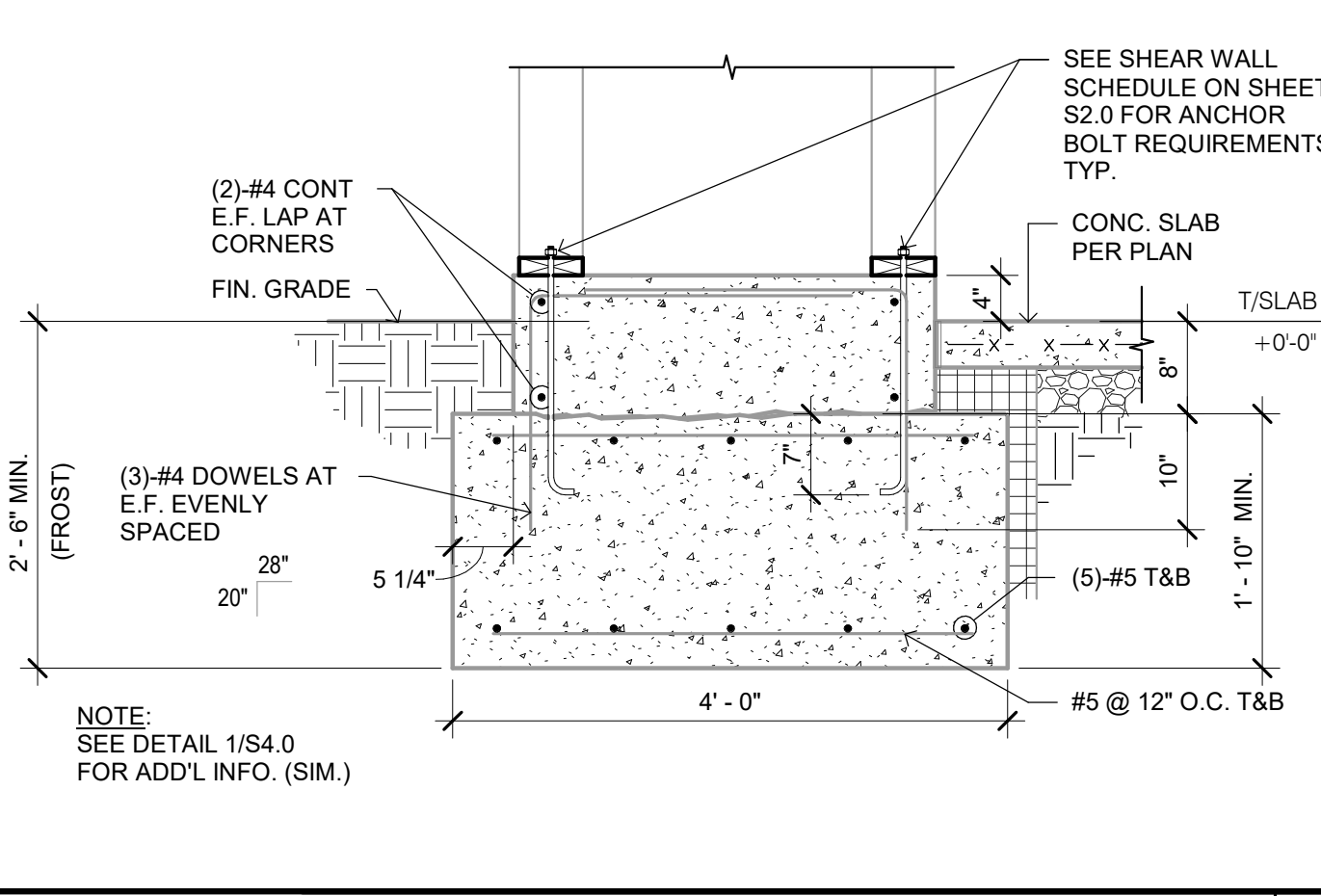
TYP. ANCHOR ROD DETAIL 3/4" = 1'-0" **14**



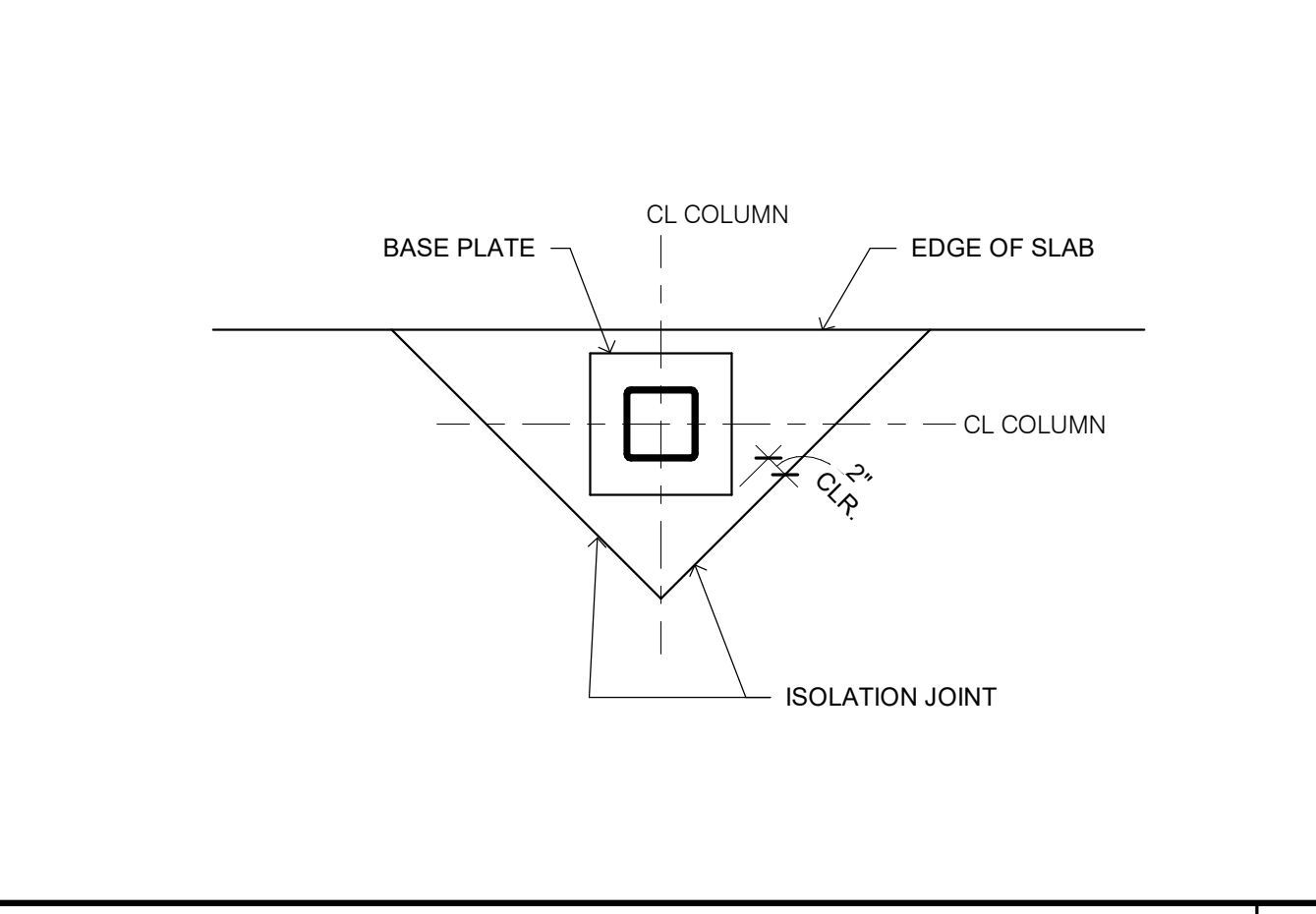
EXTERIOR SLAB TURNDOWN 3/4" = 1'-0" **10**



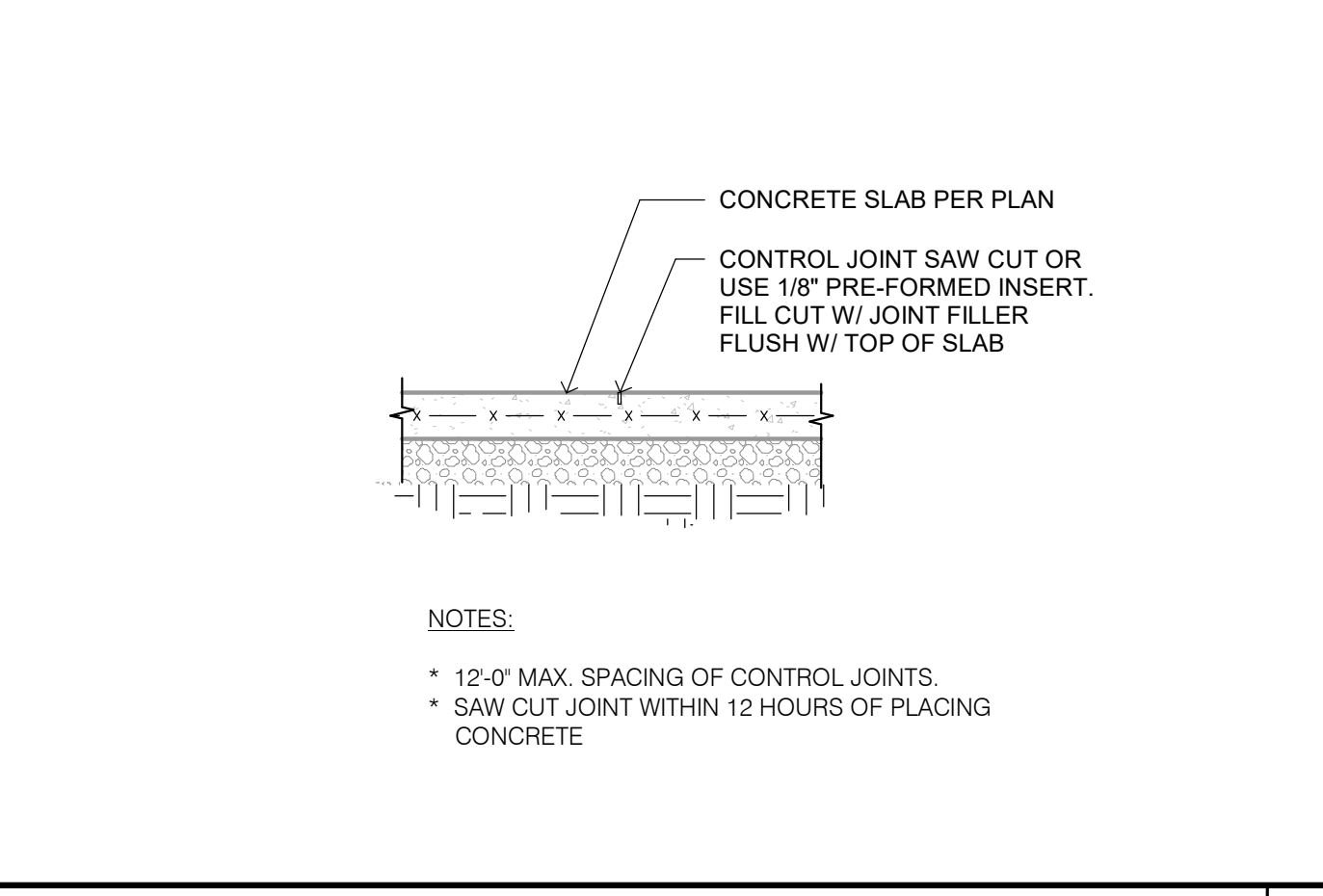
HOLDOWN DETAIL 3/4" = 1'-0" **6**



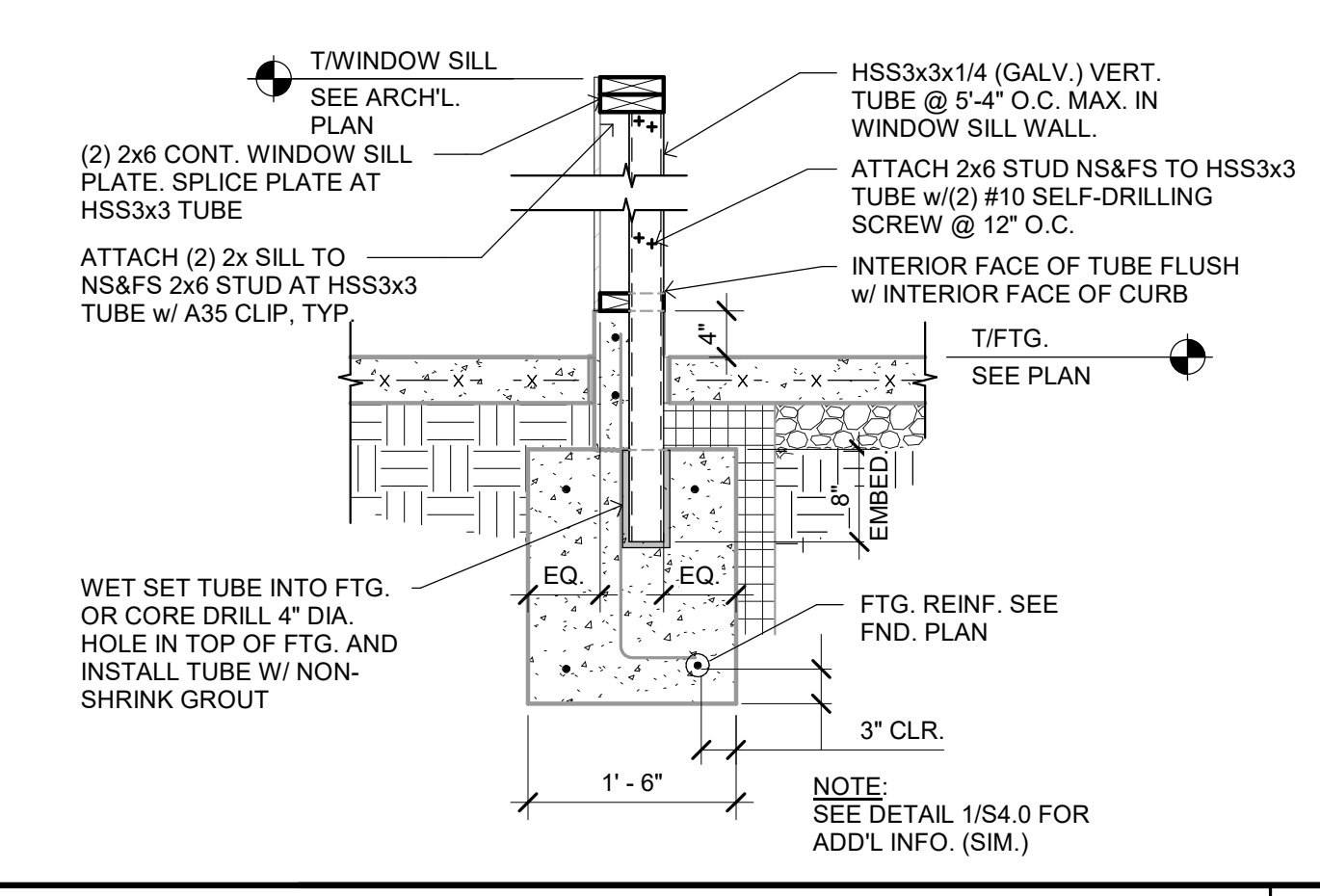
FOOTING AT ENTRY PILASTER 3/4" = 1'-0" **2**



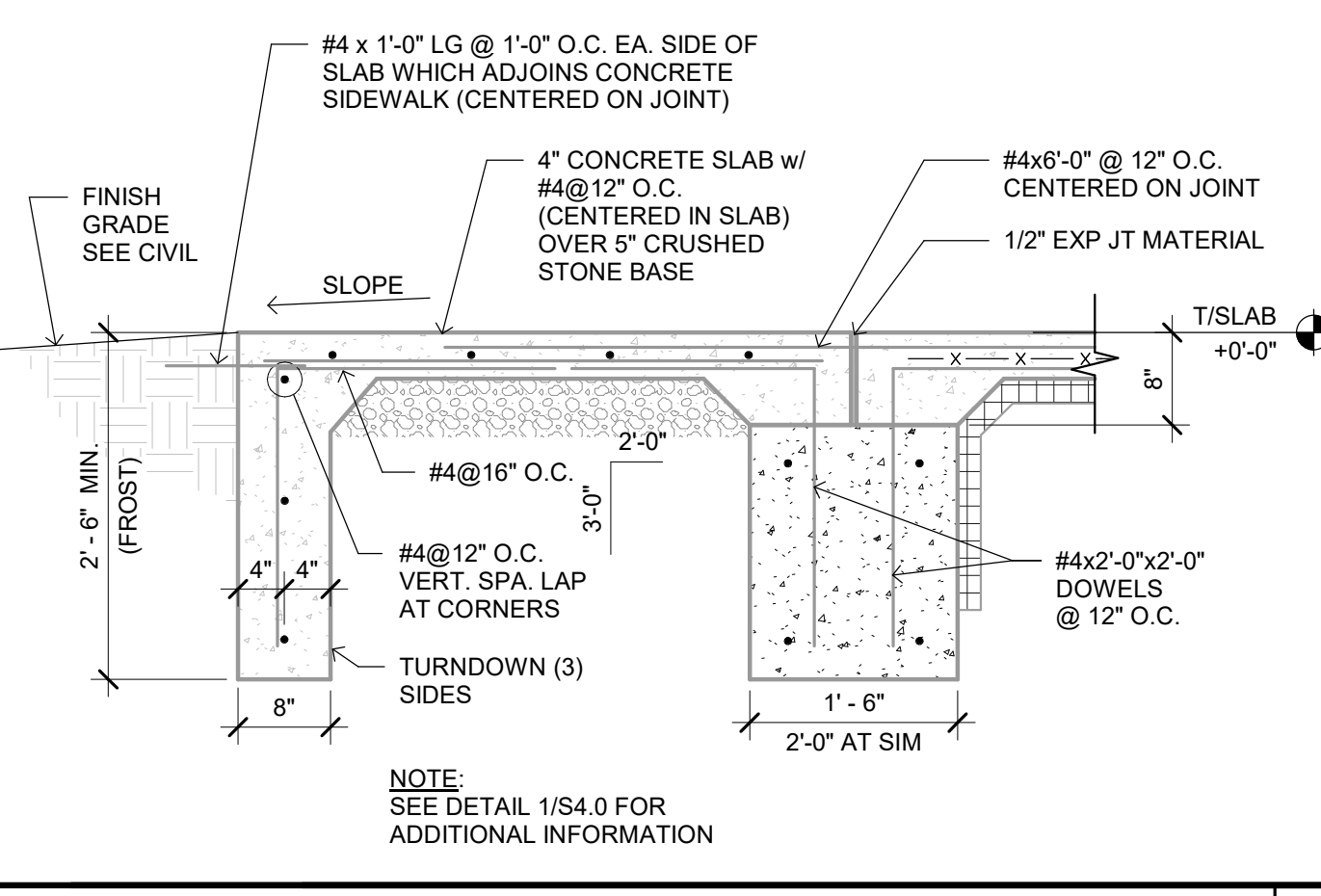
TYP. ISOLATION JOINT 3/4" = 1'-0" **15**



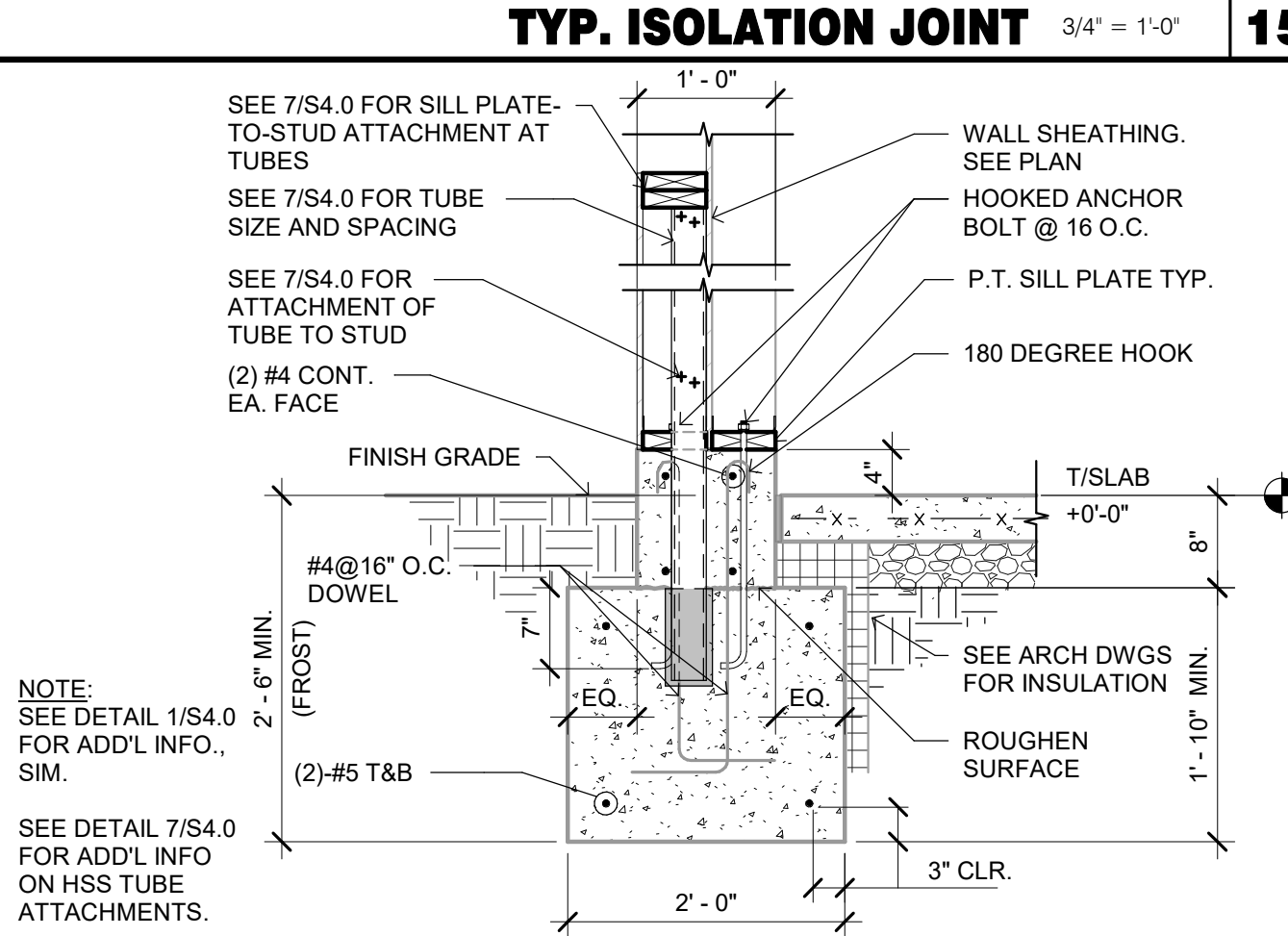
TYP. SLAB JOINT DETAIL 3/4" = 1'-0" **11**



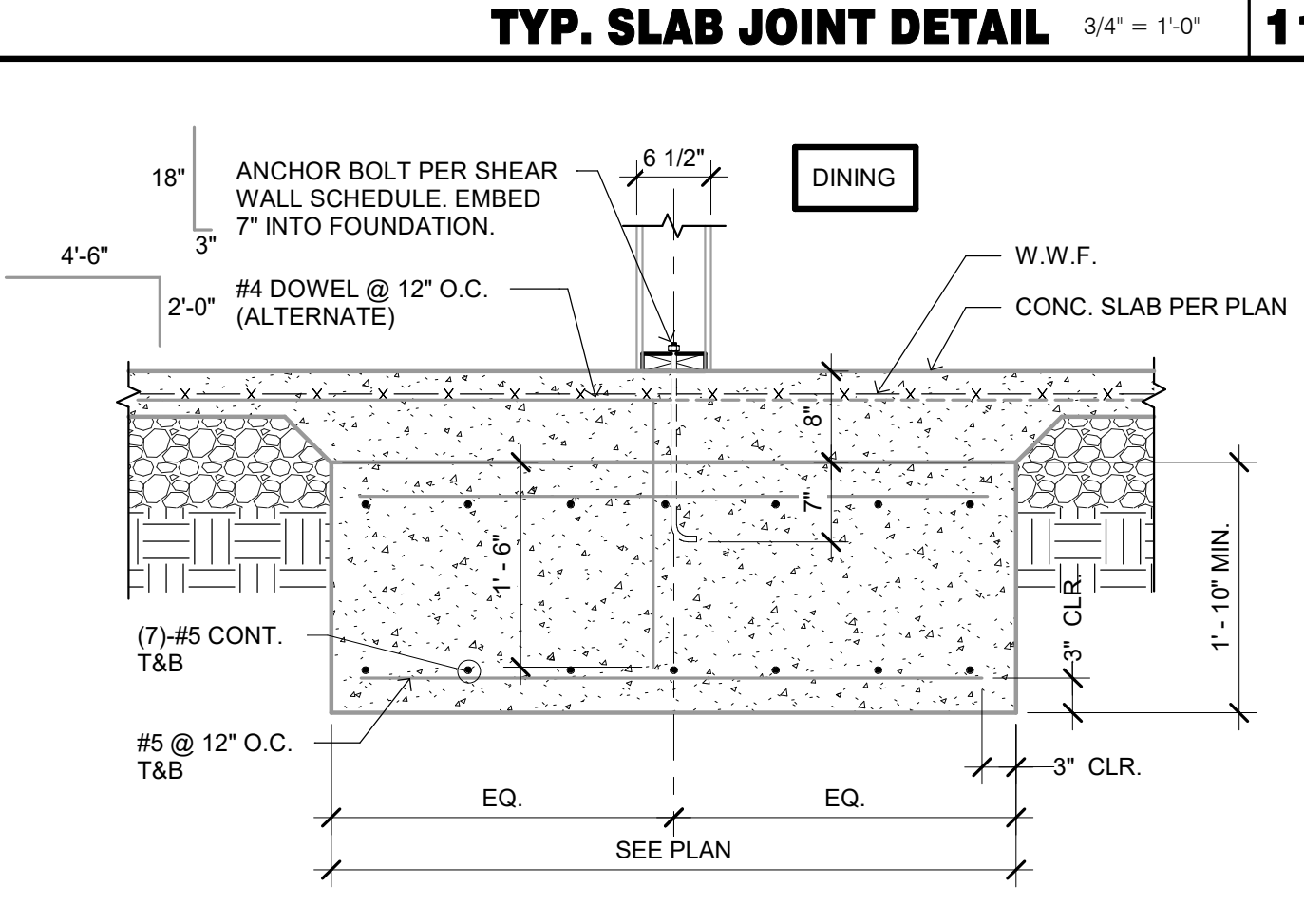
WINDOW SILL BRACING DETAIL 3/4" = 1'-0" **7**



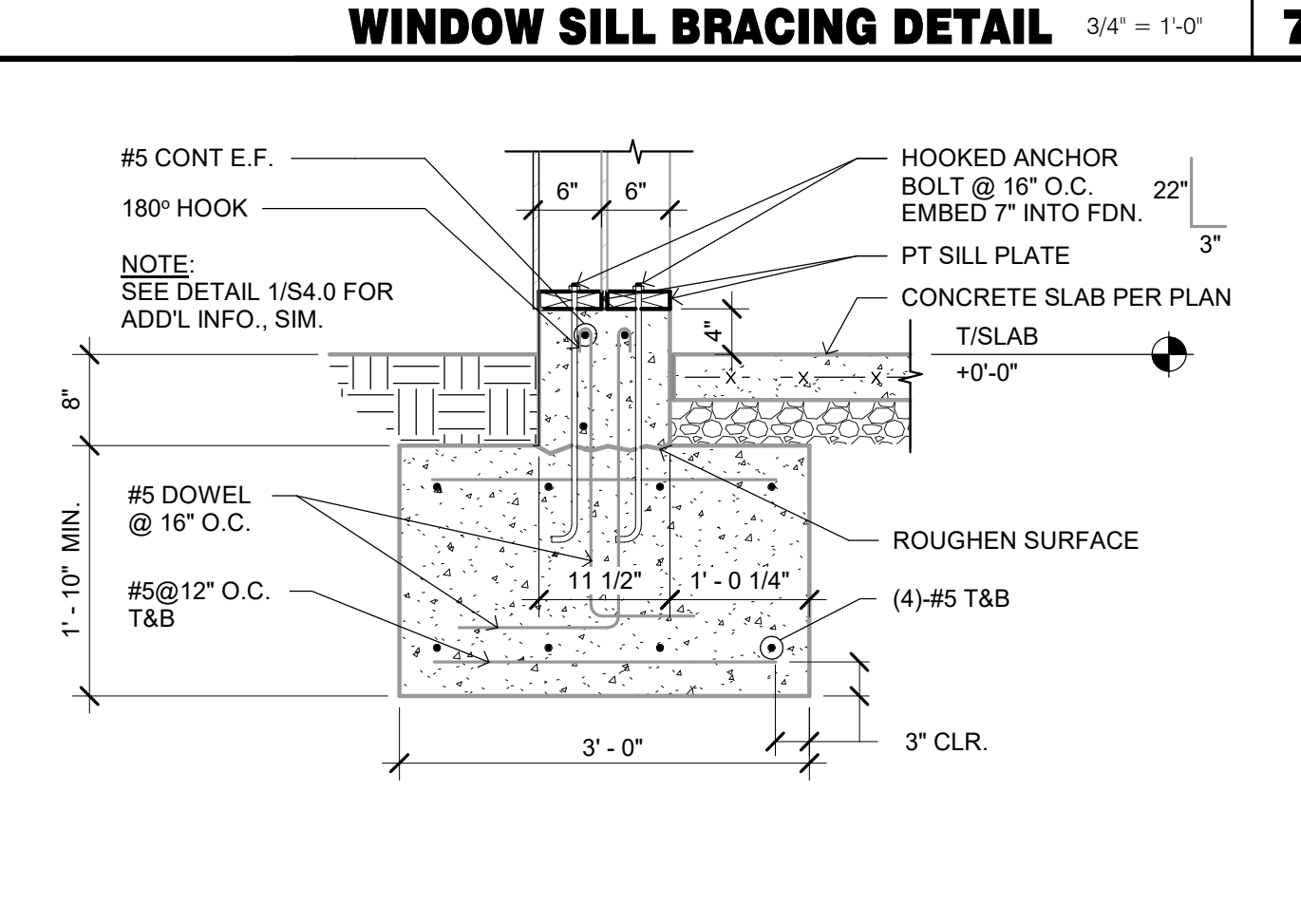
FOOTING AT FULL HEIGHT OPENING 3/4" = 1'-0" **3**



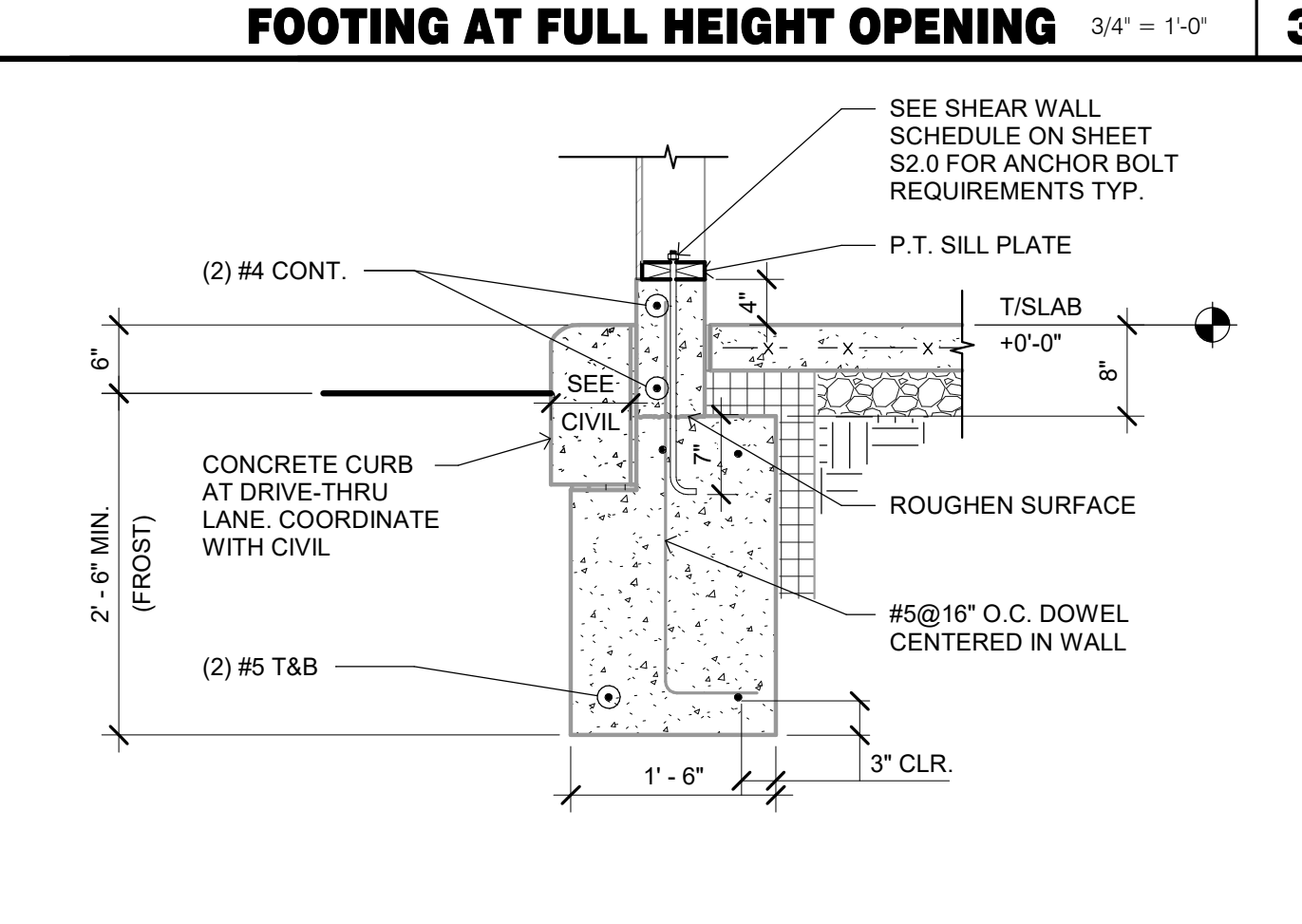
FOOTING AT GLAZING WALL 3/4" = 1'-0" **16**



FOOTING AT INTERIOR SHEARWALL 3/4" = 1'-0" **12**



SECTION AT TOWER LEG 3/4" = 1'-0" **8**



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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
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PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY.: RB
JOB NO.: 2018088.31

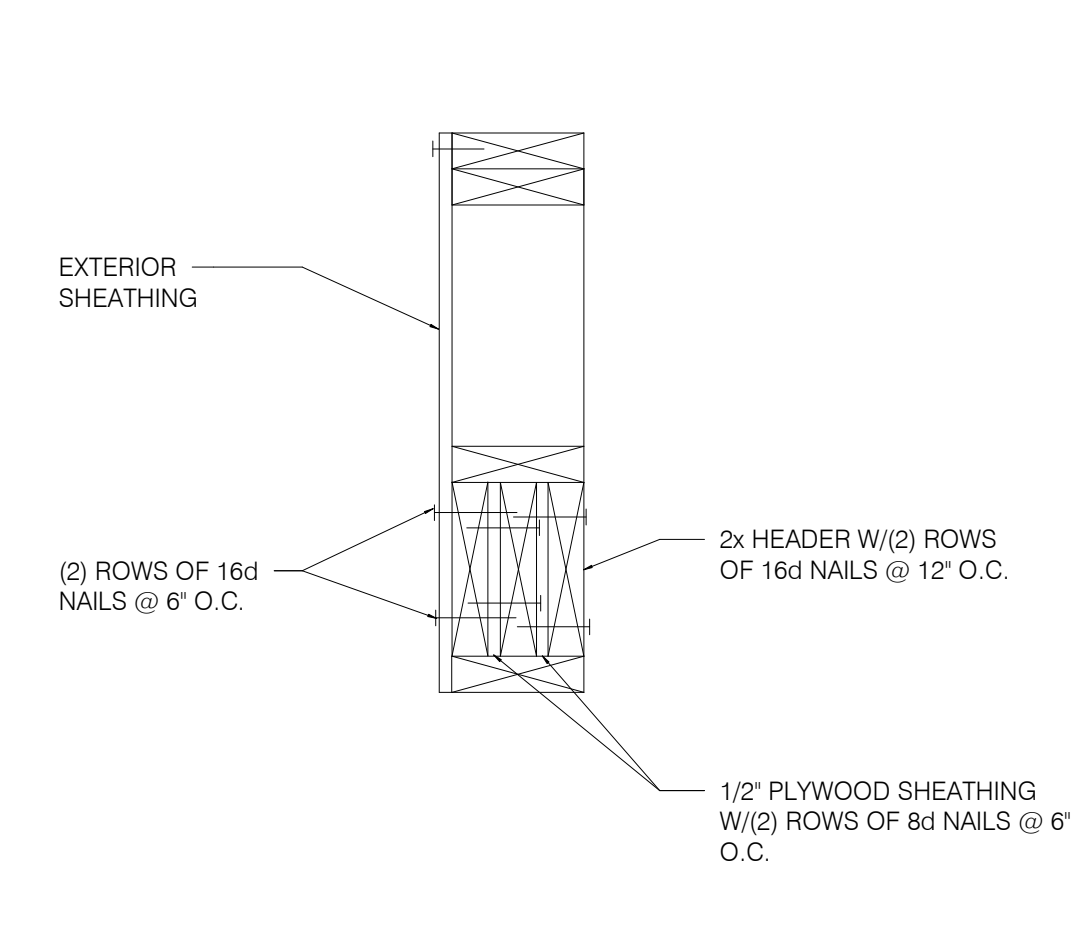
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



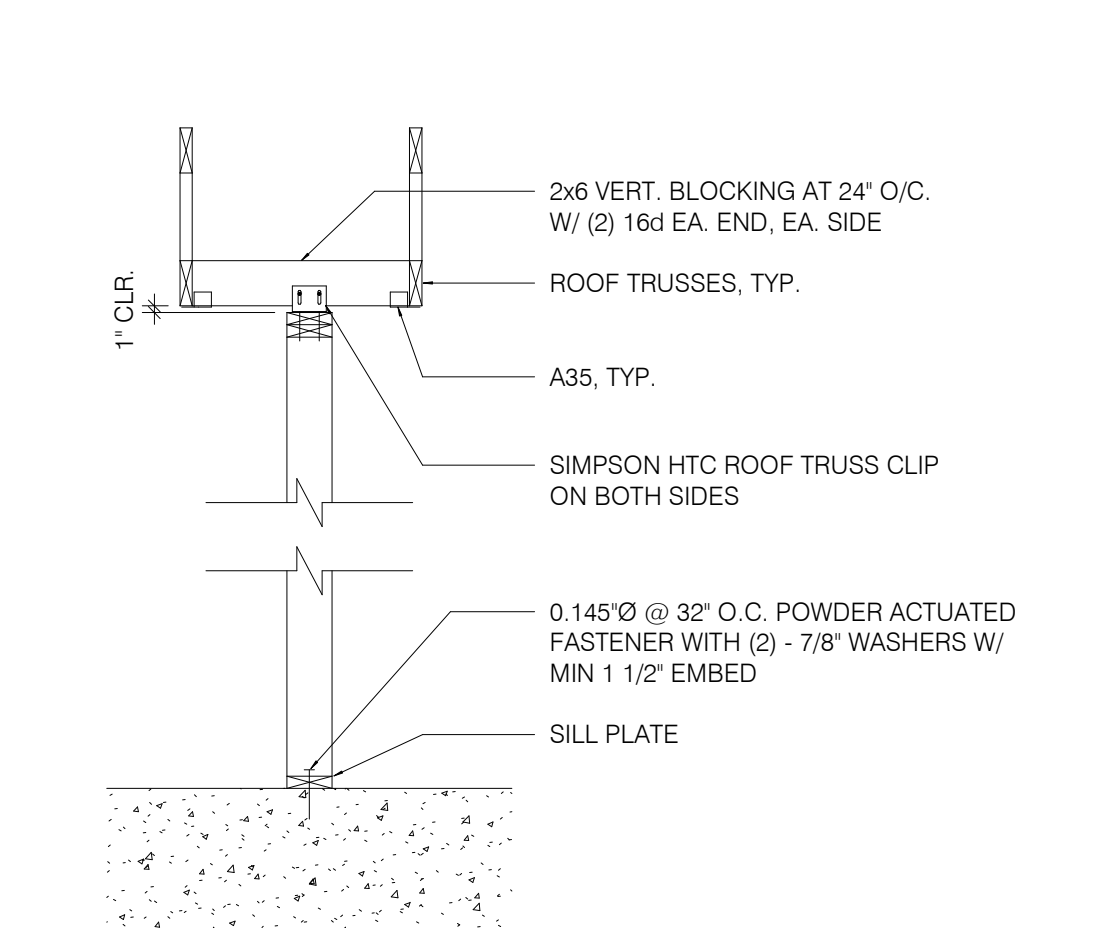
**ENDEAVOR 2.0
STRUCTURAL
DETAILS**

S4.0

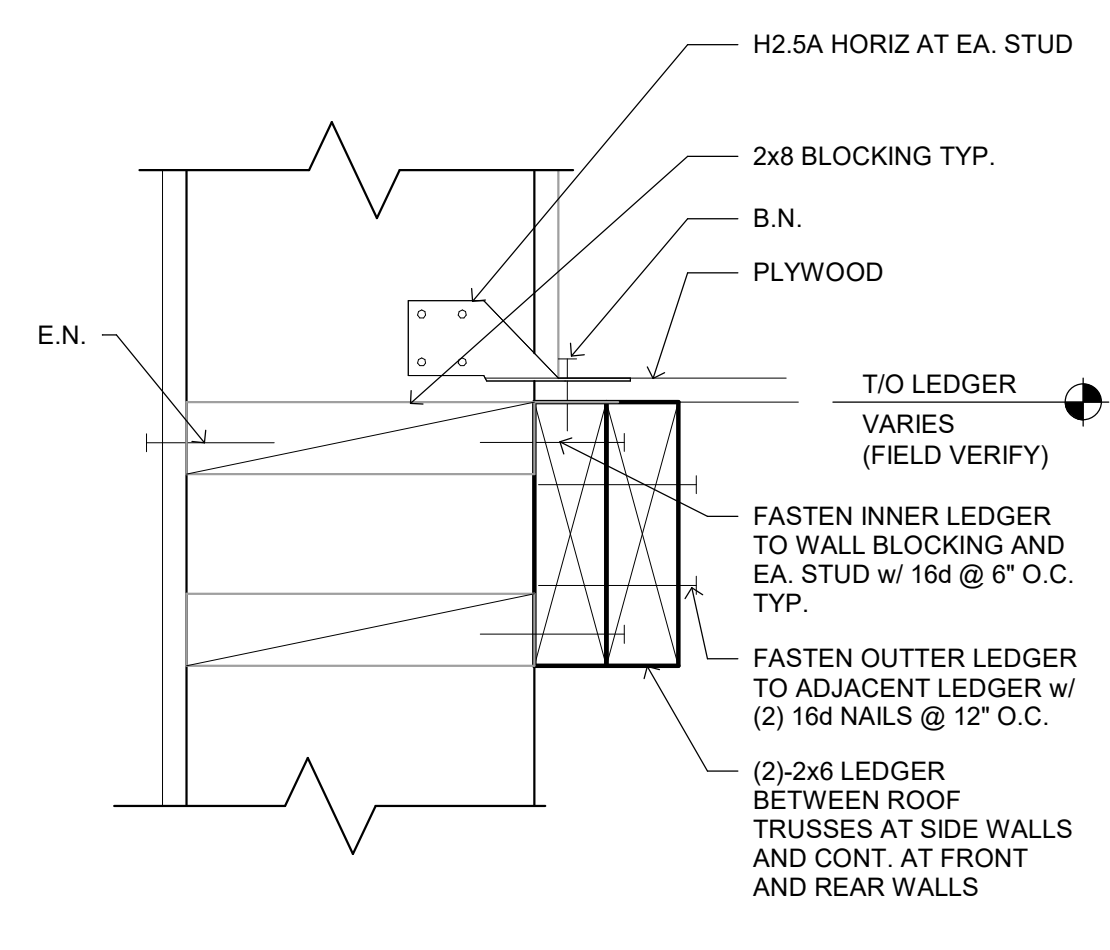
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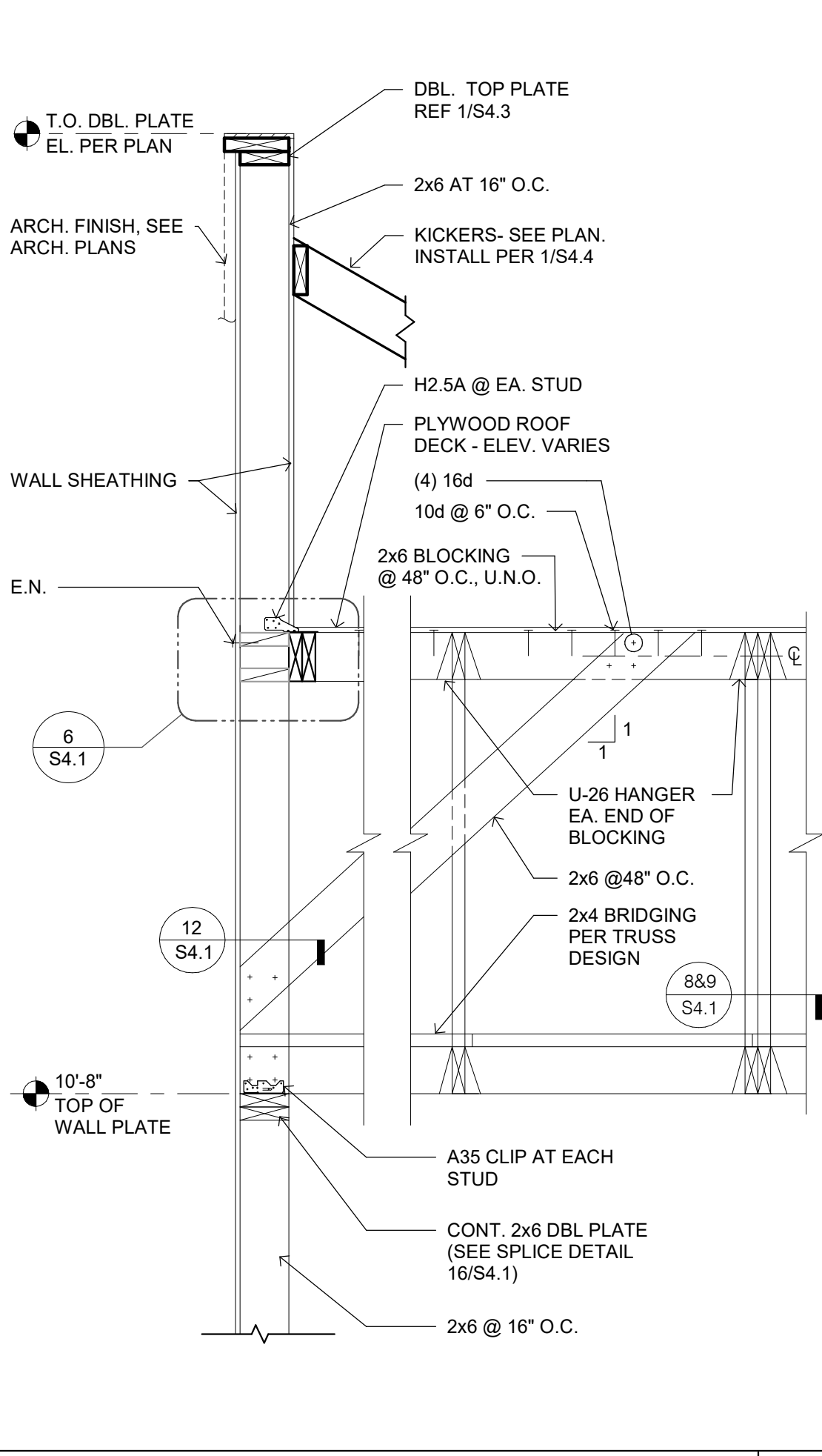
TYP. MULTIPLE HEADER 1-1/2" = 1'-0" **14**



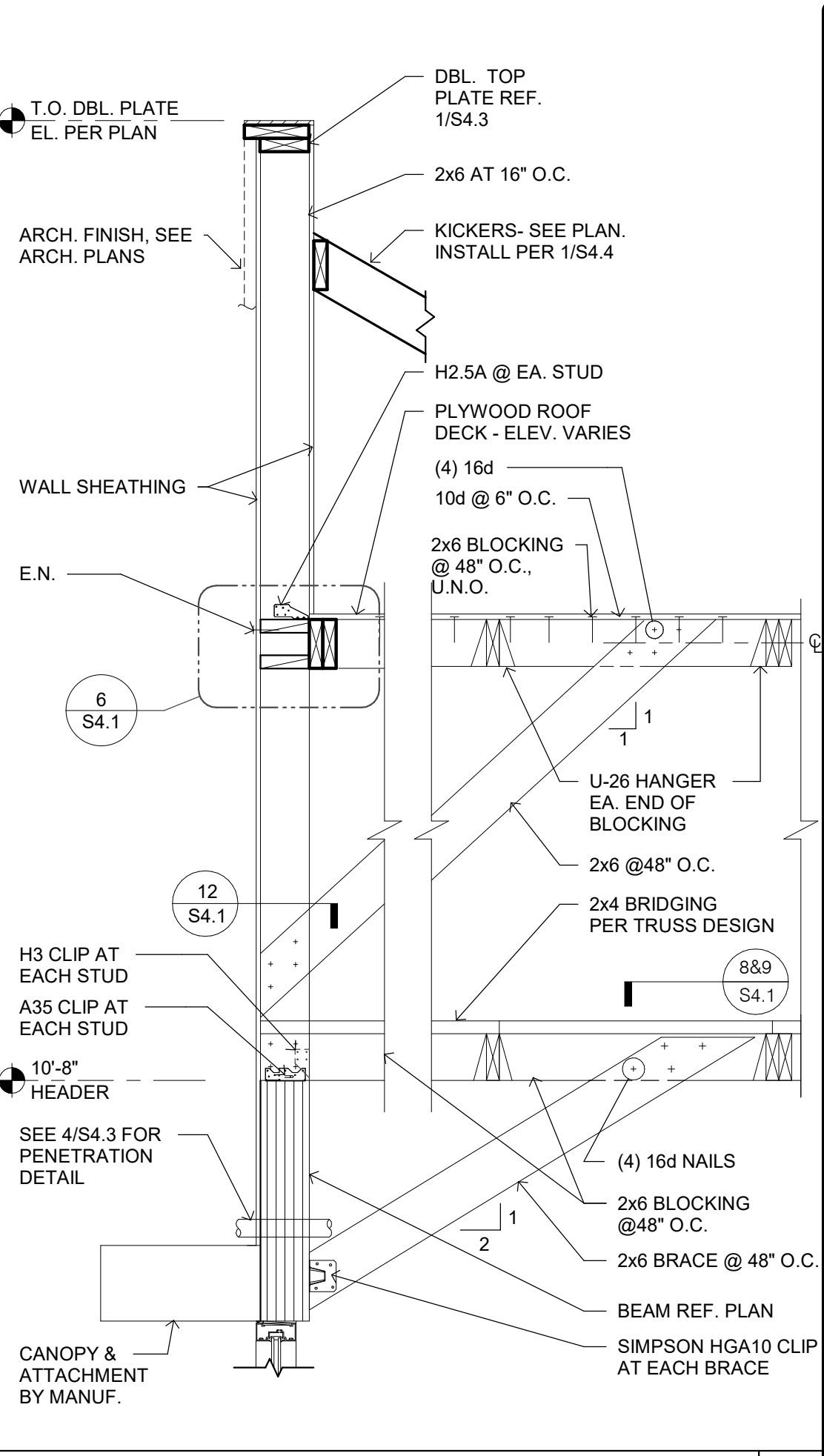
SUPPORT - PARALLEL TO TRUSS 1/2" = 1'-0" **10**



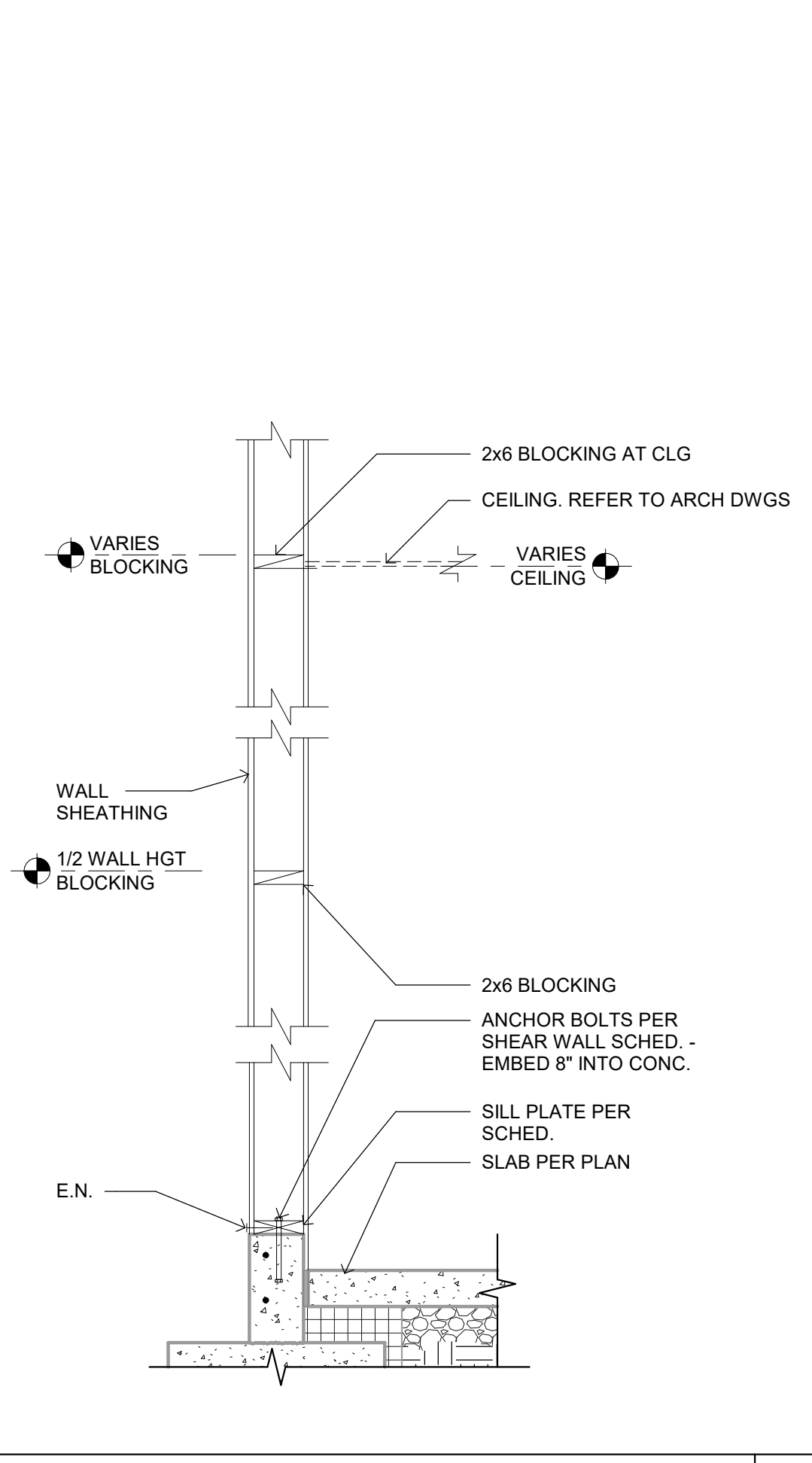
LEDGER DETAIL 3" = 1'-0" **6**



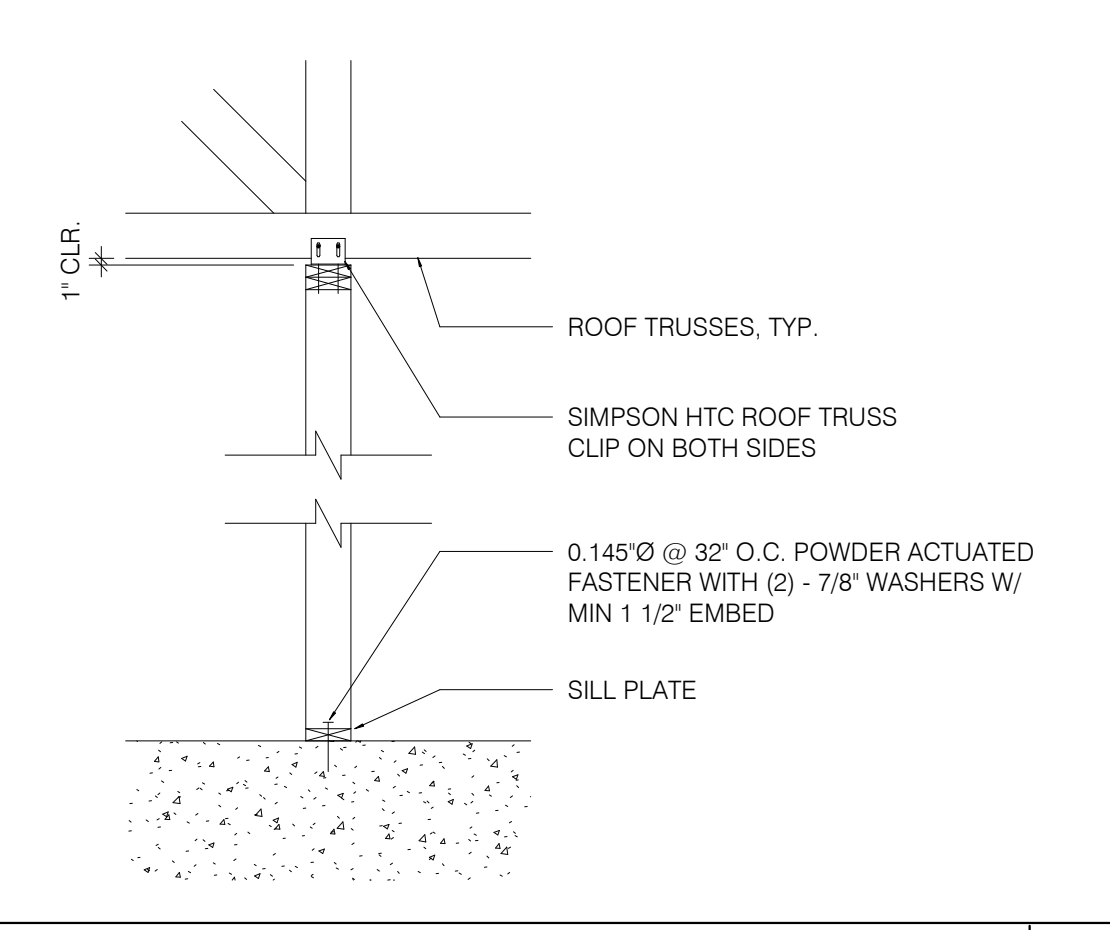
REAR WALL SECTION N.T.S. **4**



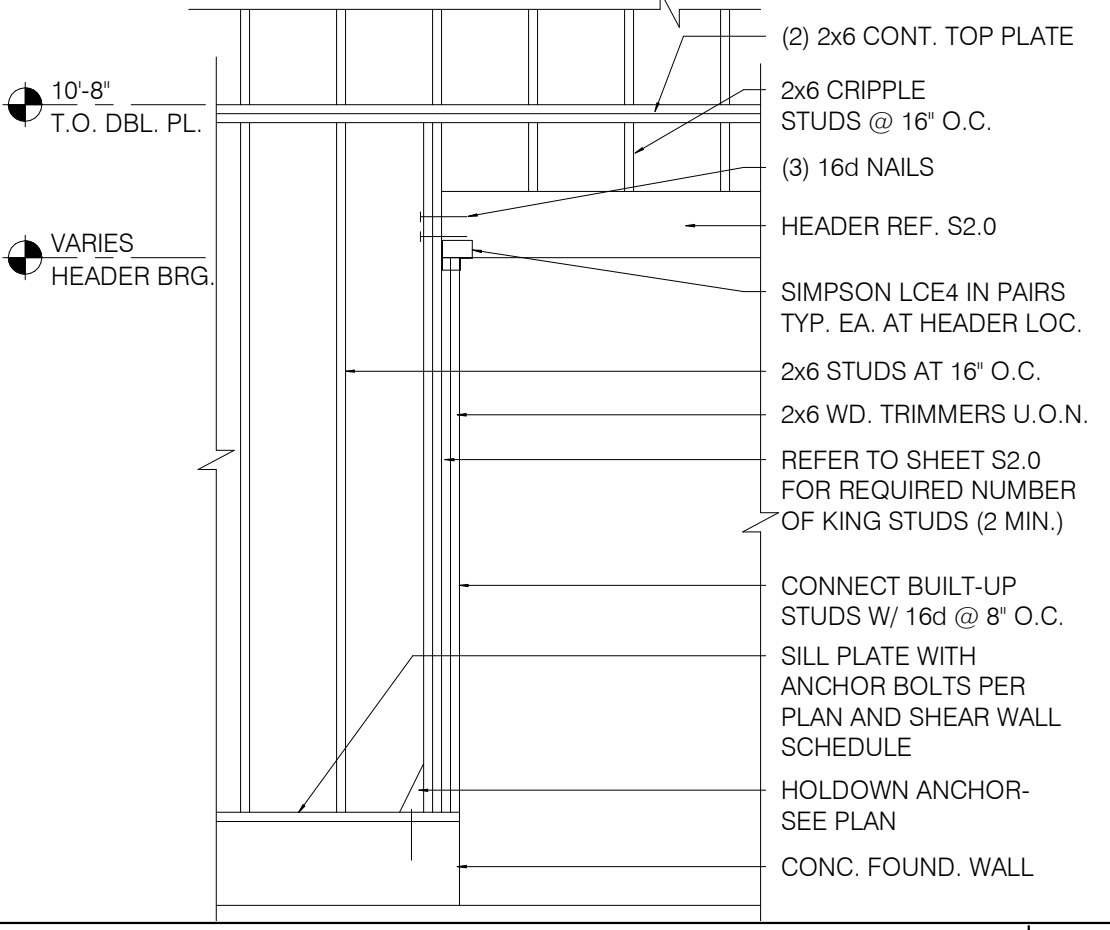
FRONT WALL SECTION N.T.S. **1**



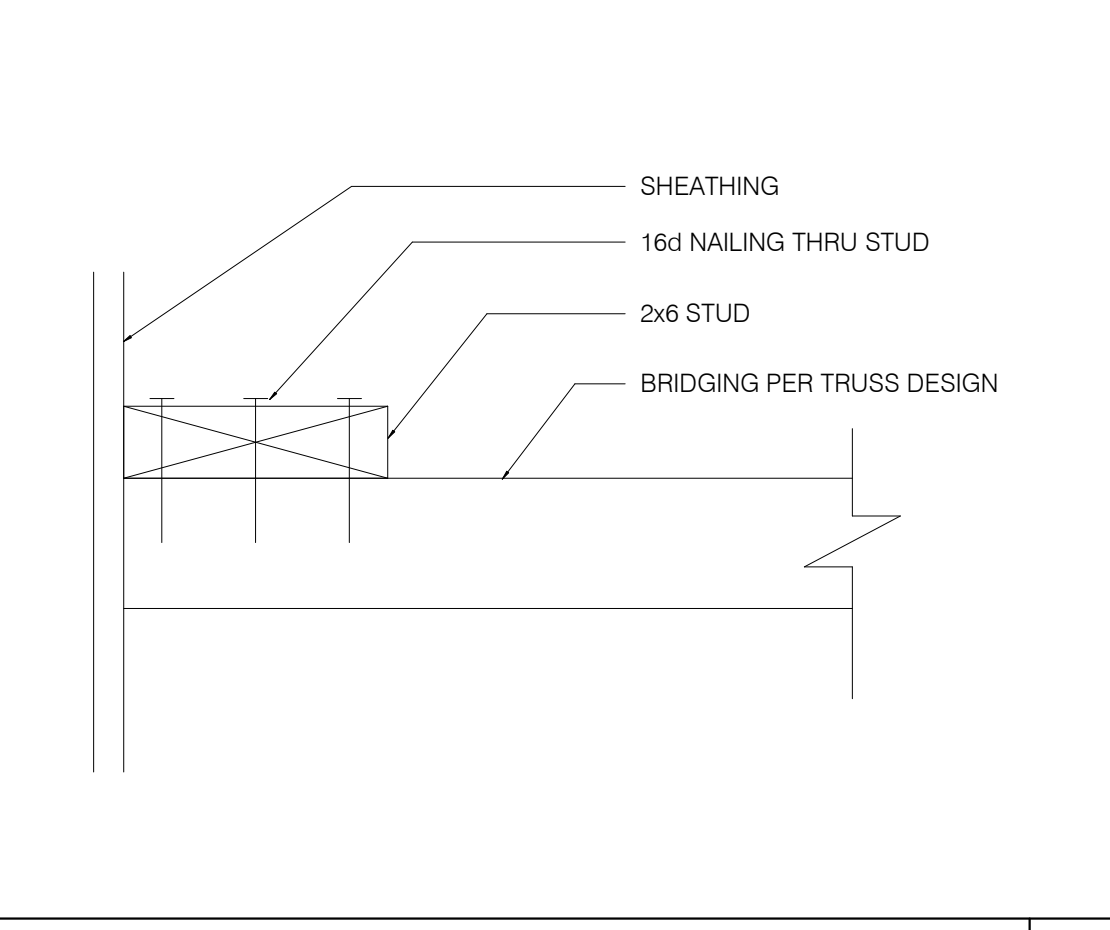
TYPICAL WALL BELOW TRUSS 3/4" = 1'-0" **15**



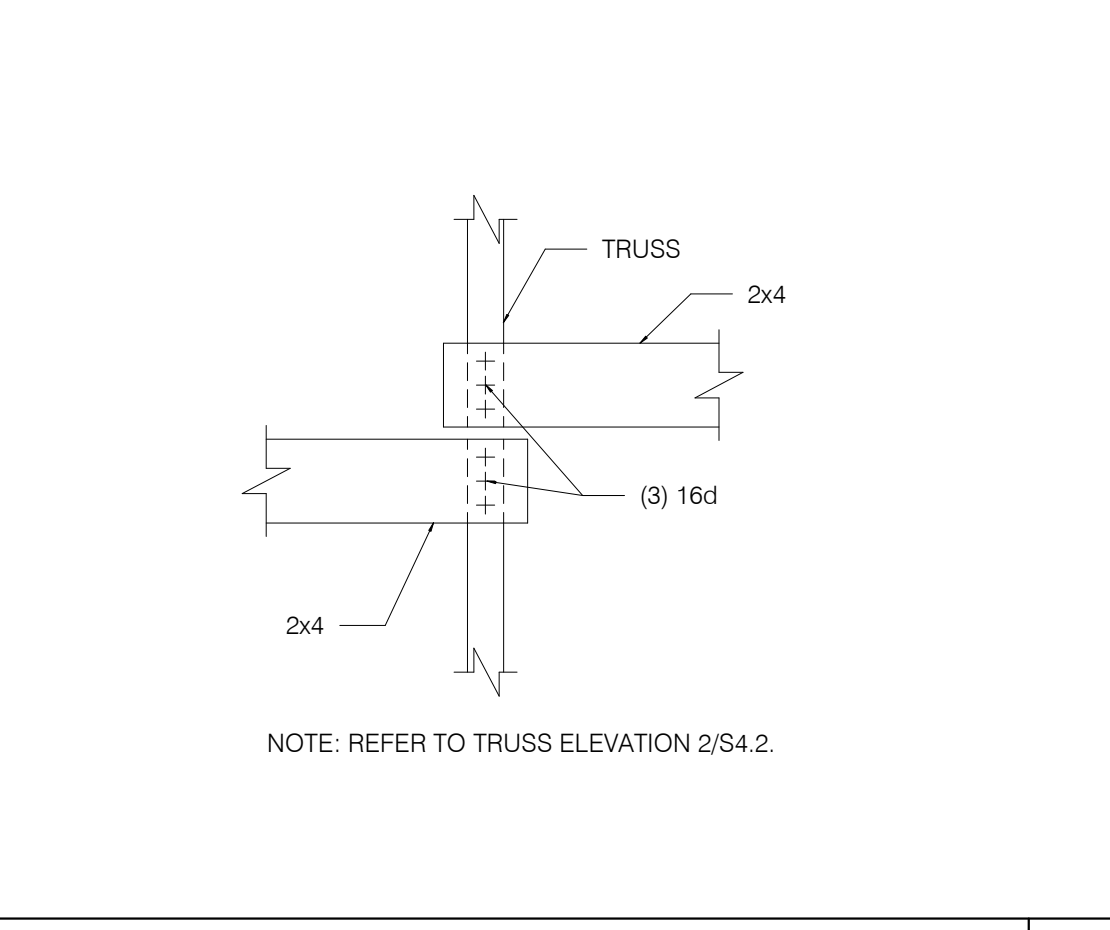
SUPPORT PERP. TO TRUSS 1/2" = 1'-0" **11**



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



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



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

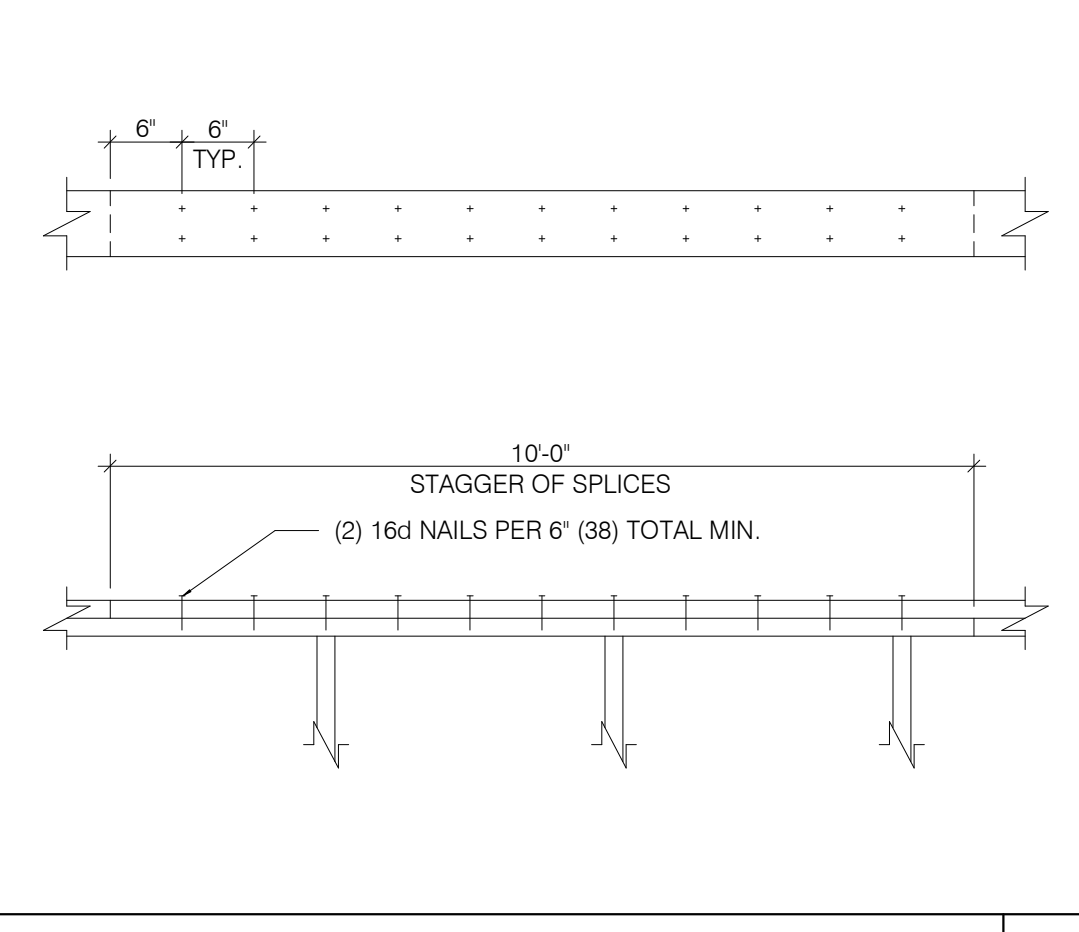
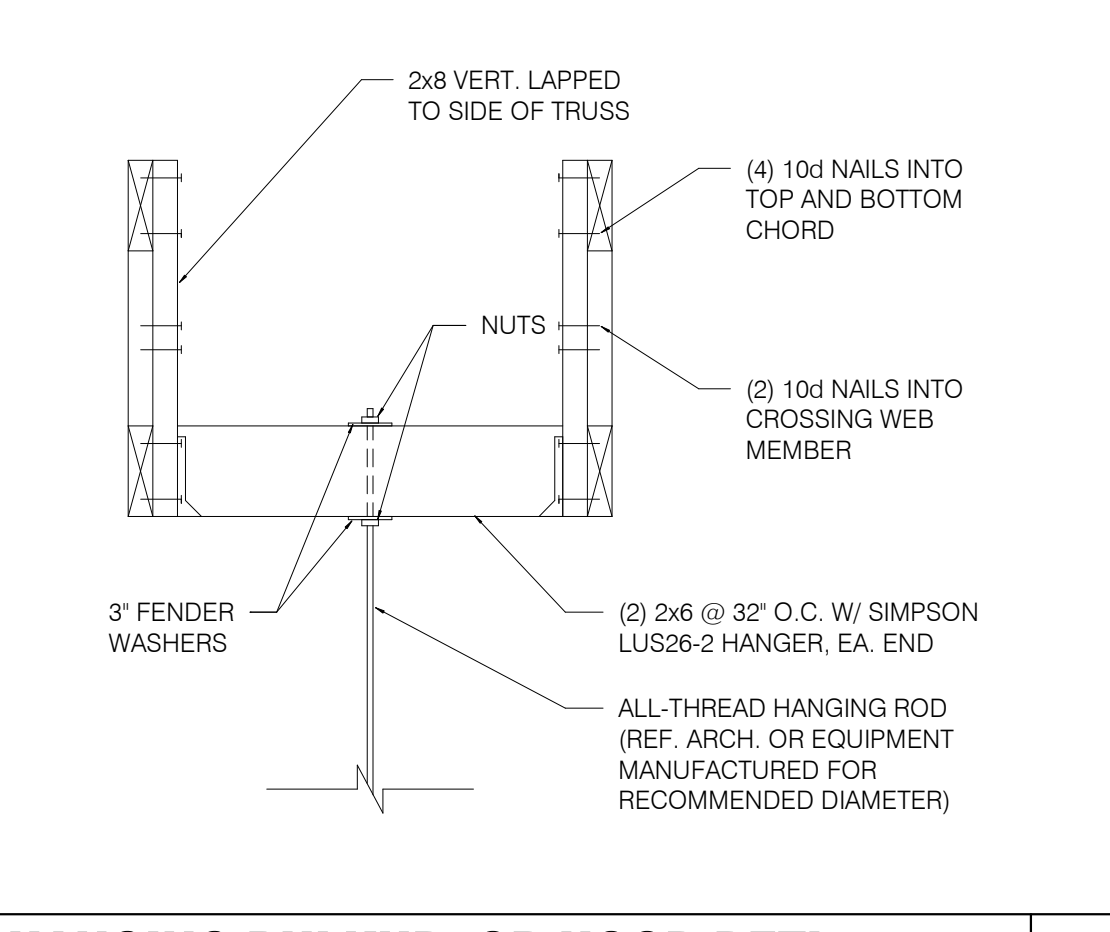
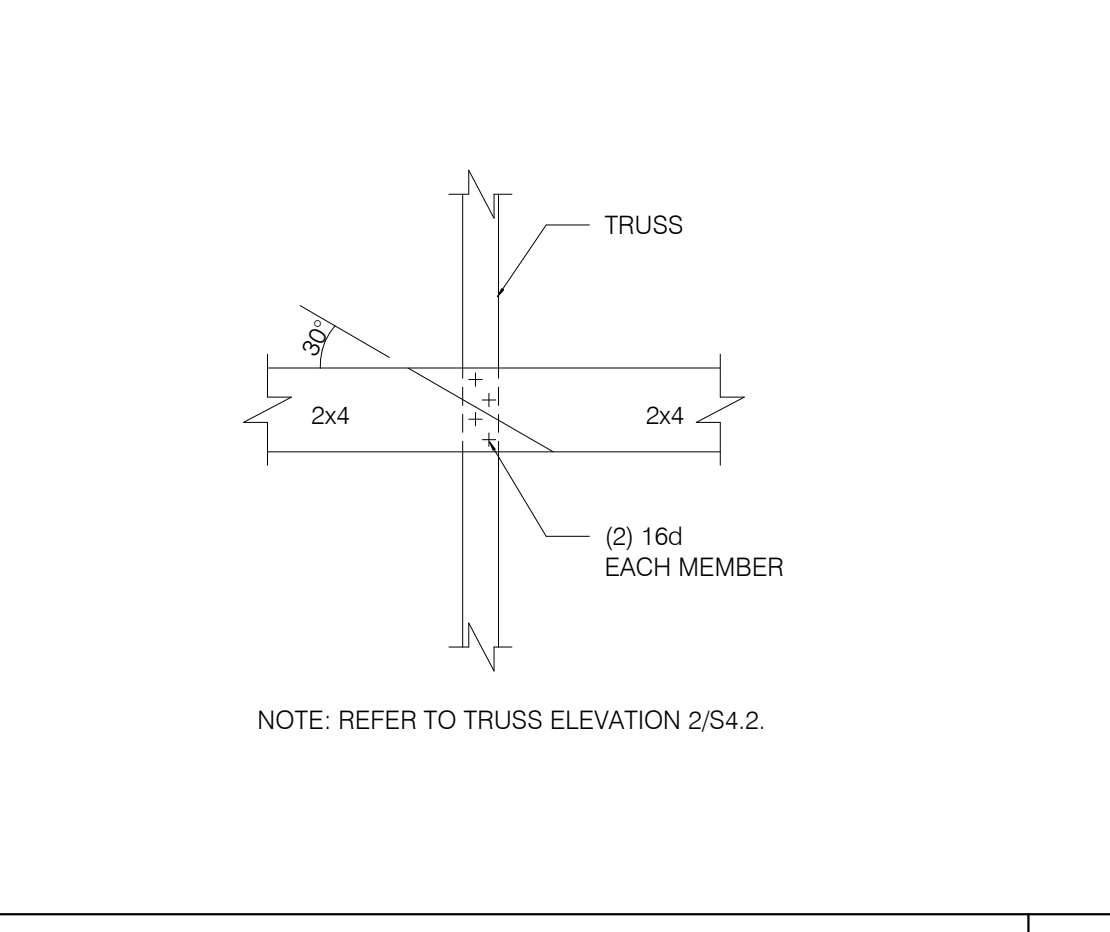


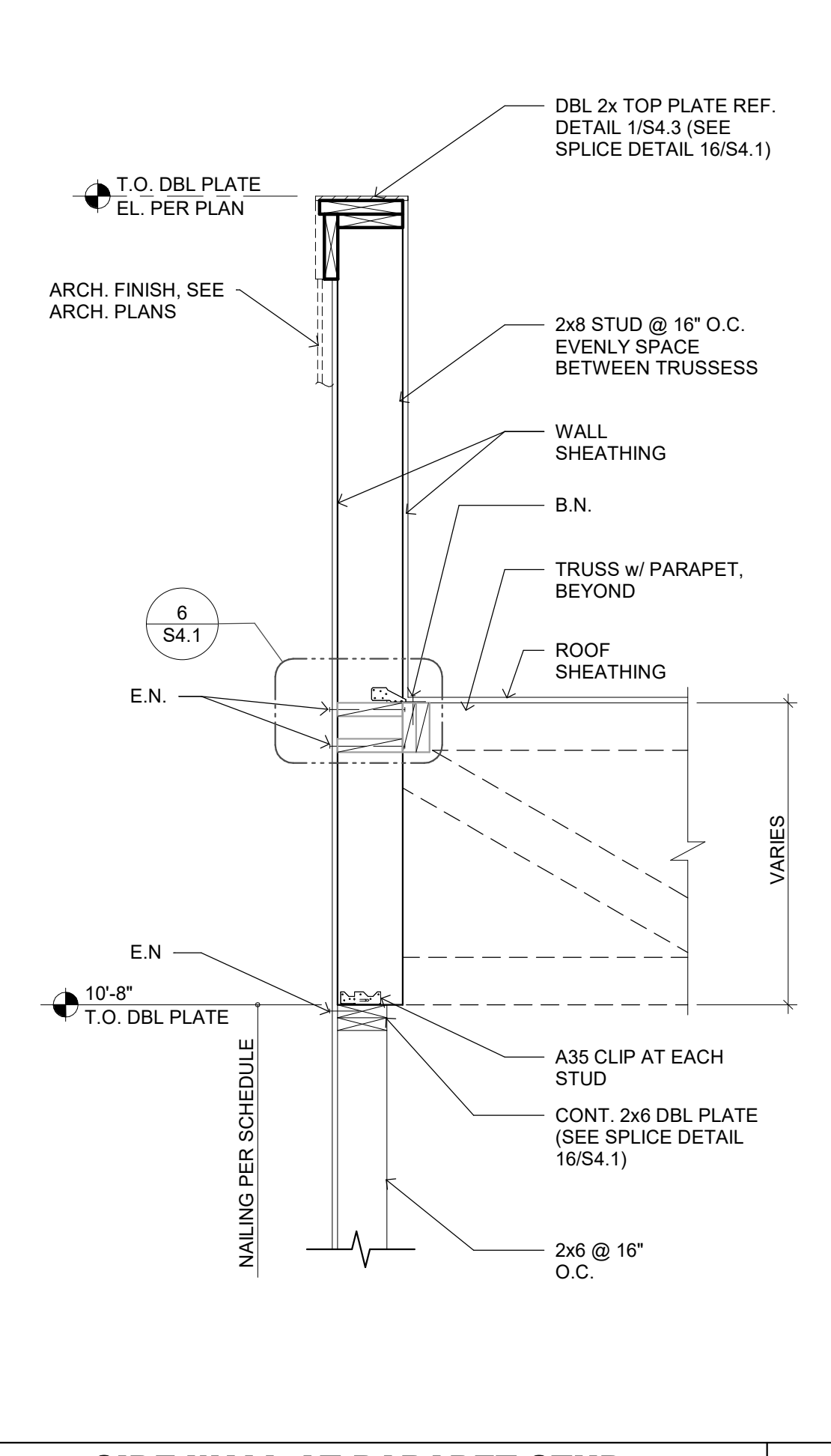
PLATE LAP DETAIL 1" = 1'-0" **16**



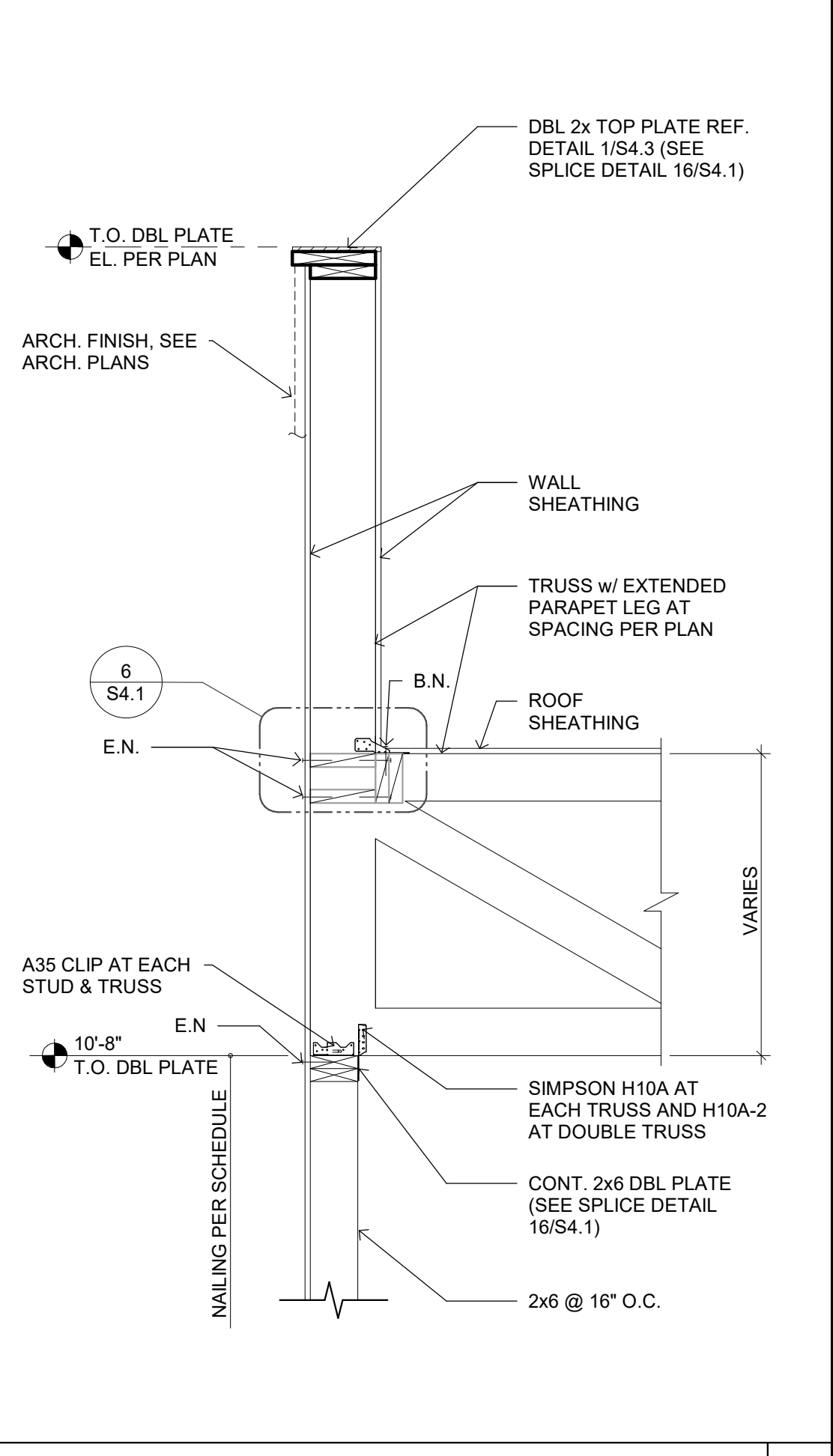
HANGING BULKHD. OR HOOD DETL. N.T.S. **13**



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



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



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

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 BRAND DESIGNER: DICKSON
 SITE NUMBER: 313354
 STORE NUMBER: 449523
 PA/PM: JN
 DRAWN BY.: RB
 JOB NO.: 2018088.31

TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



**ENDEAVOR 2.0
 STRUCTURAL
 DETAILS**

S4.1

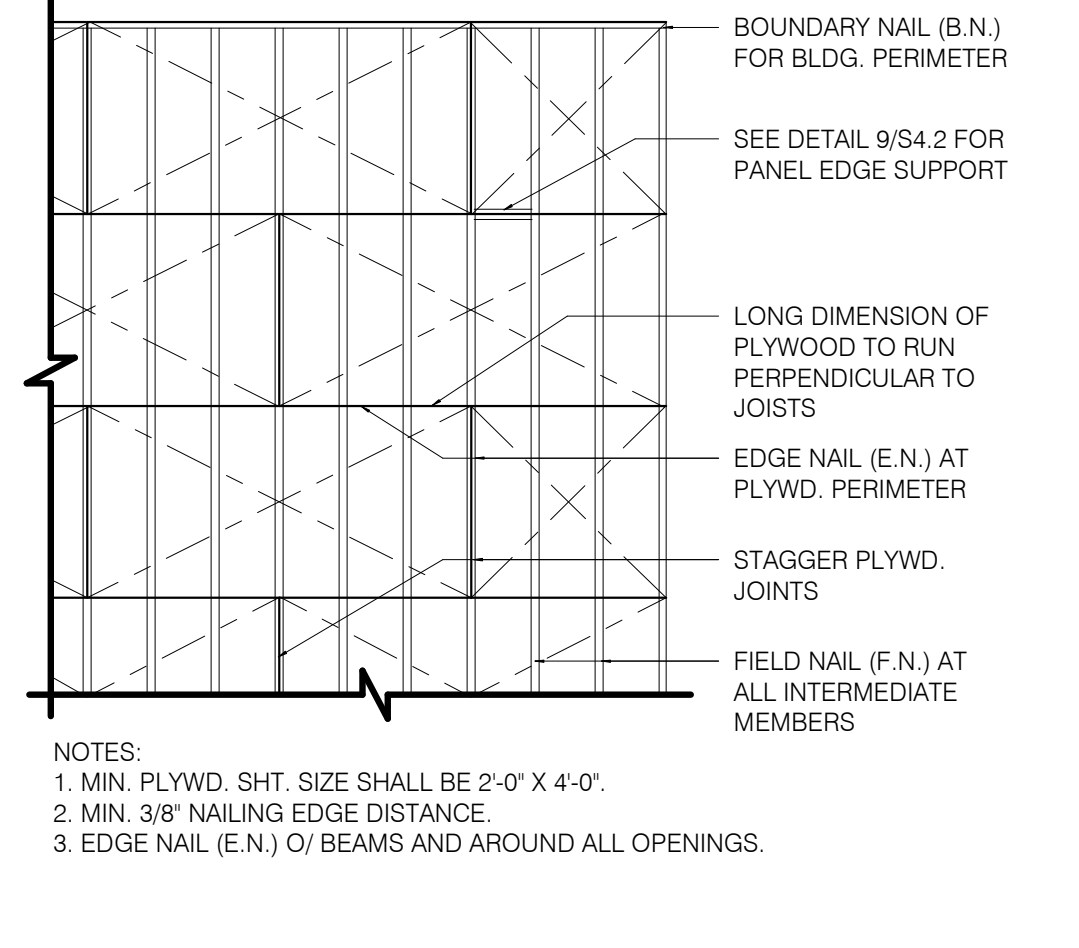


CONNECTION:

1. JOIST TO SILL OR GIRDER, TOENAIL (2-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END (2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL (2-8d)
4. WIDER THAN 1" x 6" (25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL (3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL (2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL (16d @ 16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS (3-16d PER 16")
8. TOP PLATE TO STUD, END NAIL (2-16d)
9. STUD TO SOLE PLATE (2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL (16d @ 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)

NAILING:

- (3-10d)
- (2-8d)
- (2-8d)
- (3-8d)
- (2-16d)
- (16d @ 16" O.C.)
- (3-16d PER 16")
- (2-16d)
- (2-16d END NAIL)
- (16d @ 16" O.C.)
- (16d @ 16" O.C.)
- (8-16d)
- (3-8d)
- (8d @ 6" O.C.)
- (2-16d)
- (16d @ 16" O.C. ALONG EDGE)
- (3-8d)
- (4-8d)
- (3-16d)
- (3-16d)
- (3-8d)
- (2-8d)
- (3-8d)
- (16d @ 24" O.C.)
- (2-16d AT EACH SPACE)
- (12d @ 12" O.C.)
- (20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS & AT EACH SPACE)

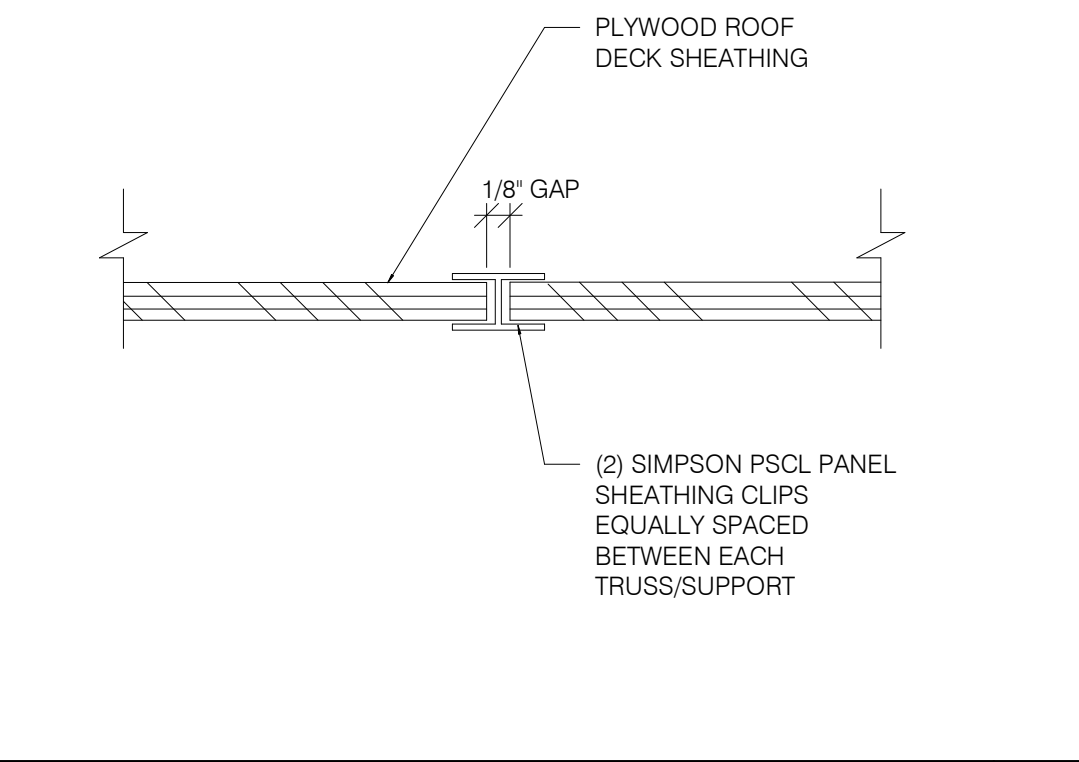


ROOF NAILING PLAN N.T.S. 8

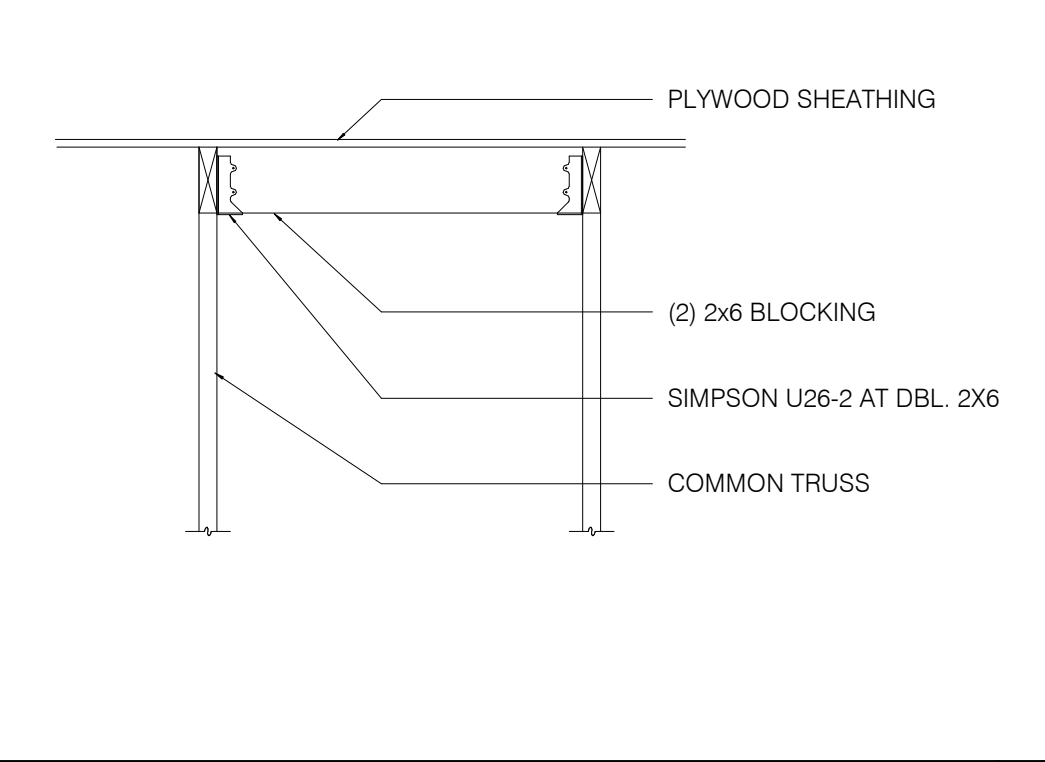
EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	* SEE PLAN
HVAC UNIT - RTU-2	* SEE PLAN
EXHAUST FAN - EF-1	* 200 lbs.
EXHAUST FAN - EF-2	* 70 lbs.
HOOD #1 - TACO BELL	400 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.

* A. ALL DESIGN WEIGHTS INCLUDE CURB.
B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M 1.0.

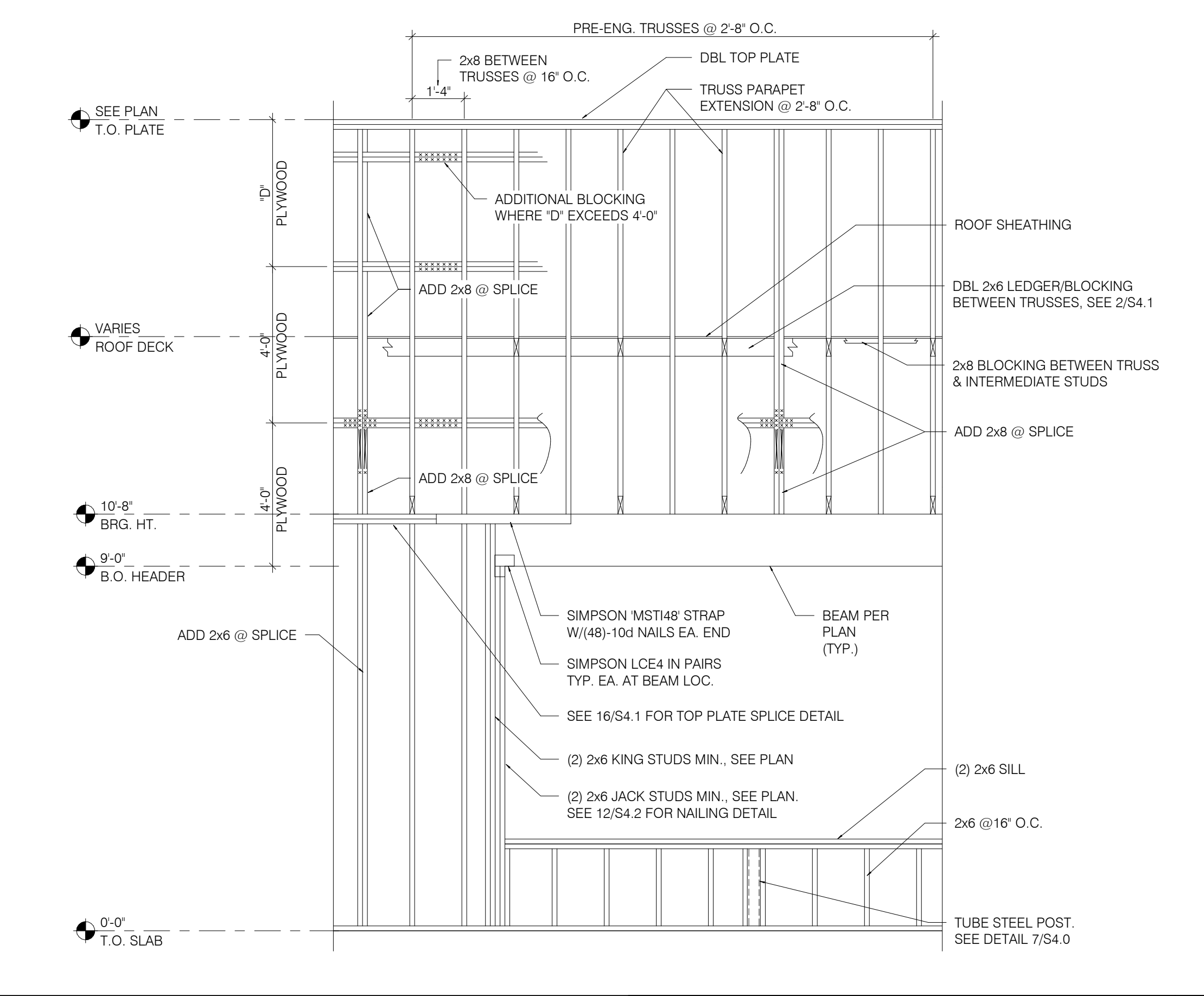
ROOF TOP EQUIPMENT WEIGHTS 1" = 1'-0" 5



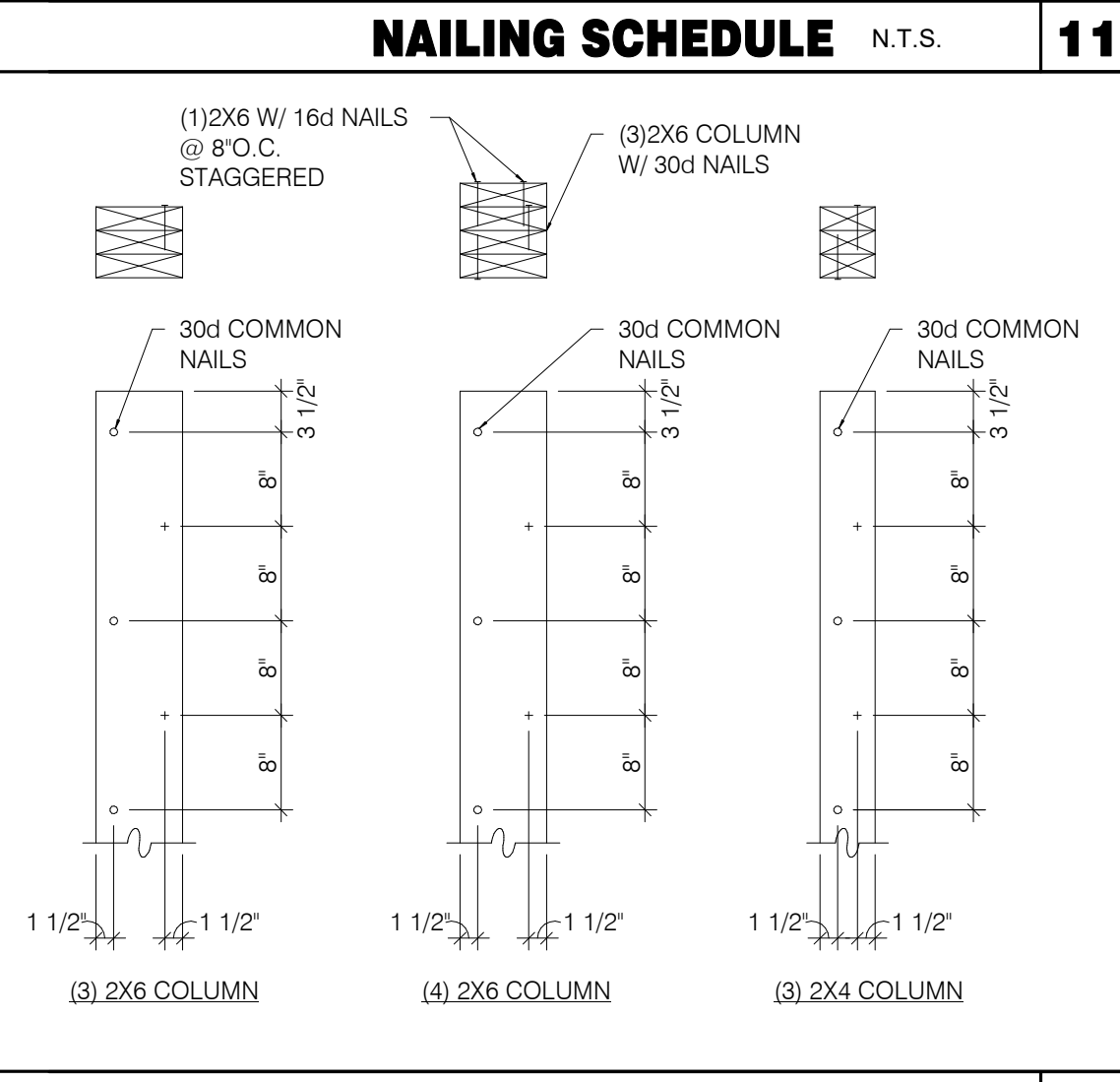
PLYWOOD EDGE BLOCKING 1" = 1'-0" 9



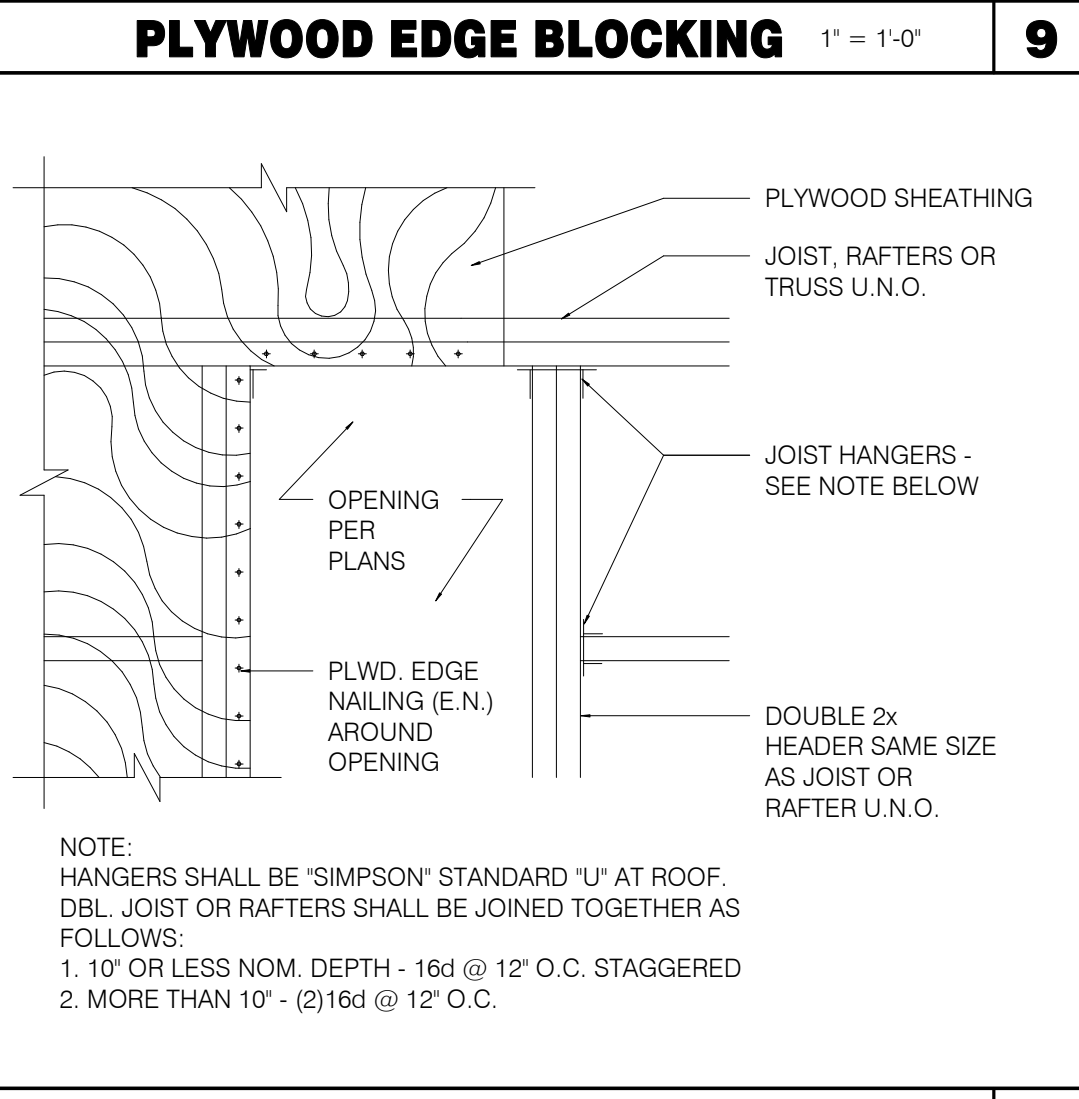
ROOF OPENING DETAIL 1" = 1'-0" 6



WALL FRAMING DETAIL 1" = 1'-0" 1



BUILT-UP 2X COLUMNS 1" = 1'-0" 12



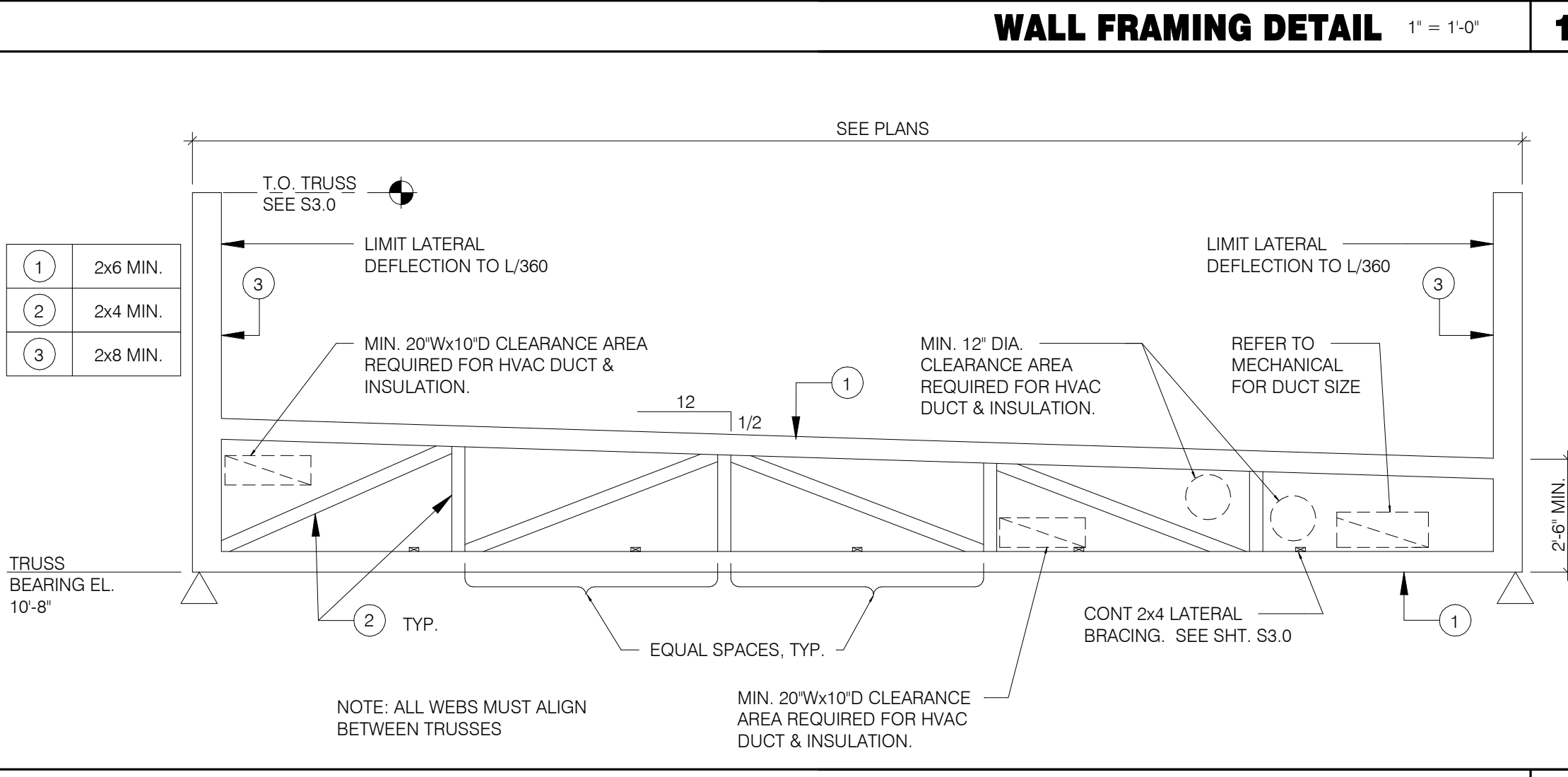
TYPICAL ROOF OPENING 1" = 1'-0" 10

TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T23	X	XX		SEE NOTE 1.

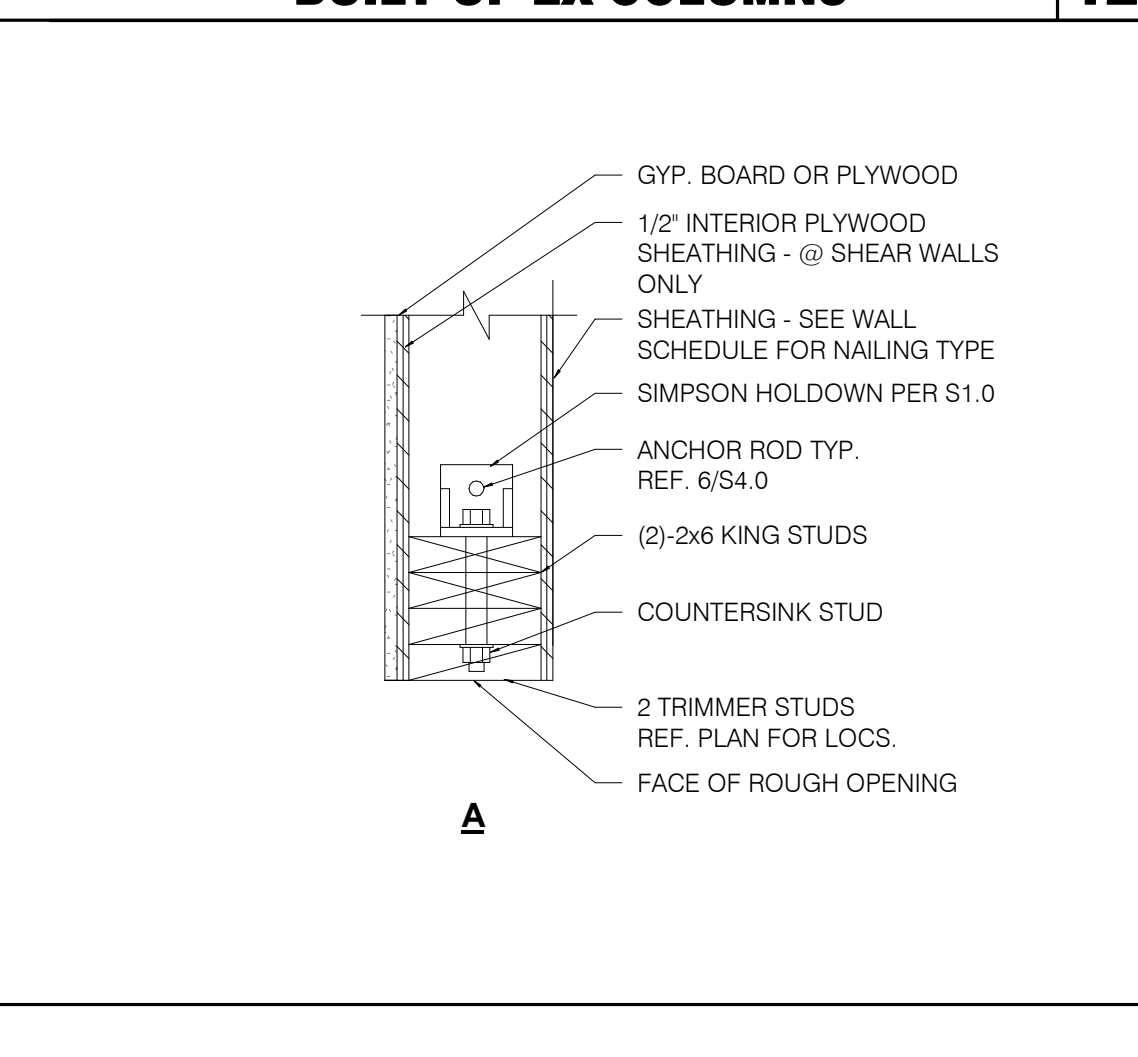
NOTES:

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

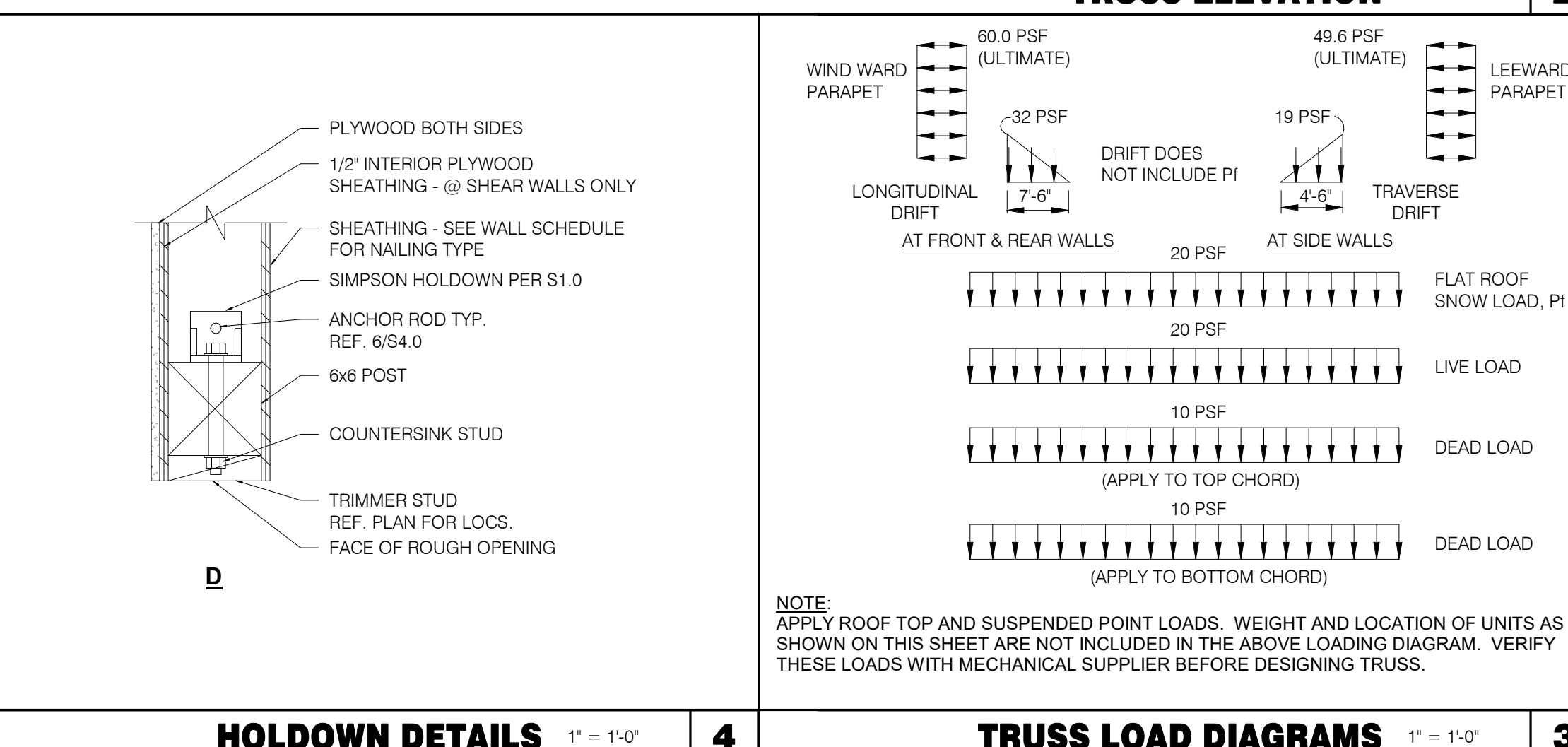
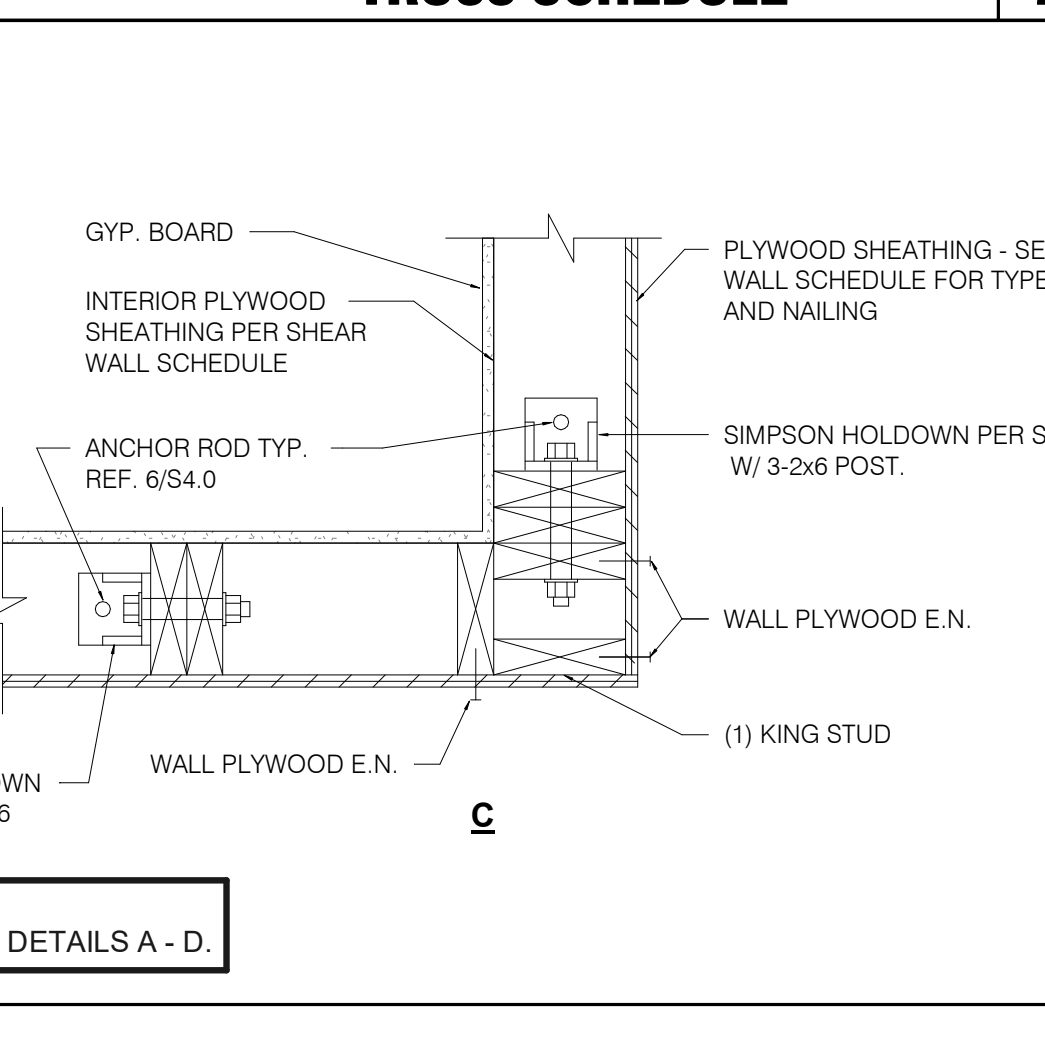
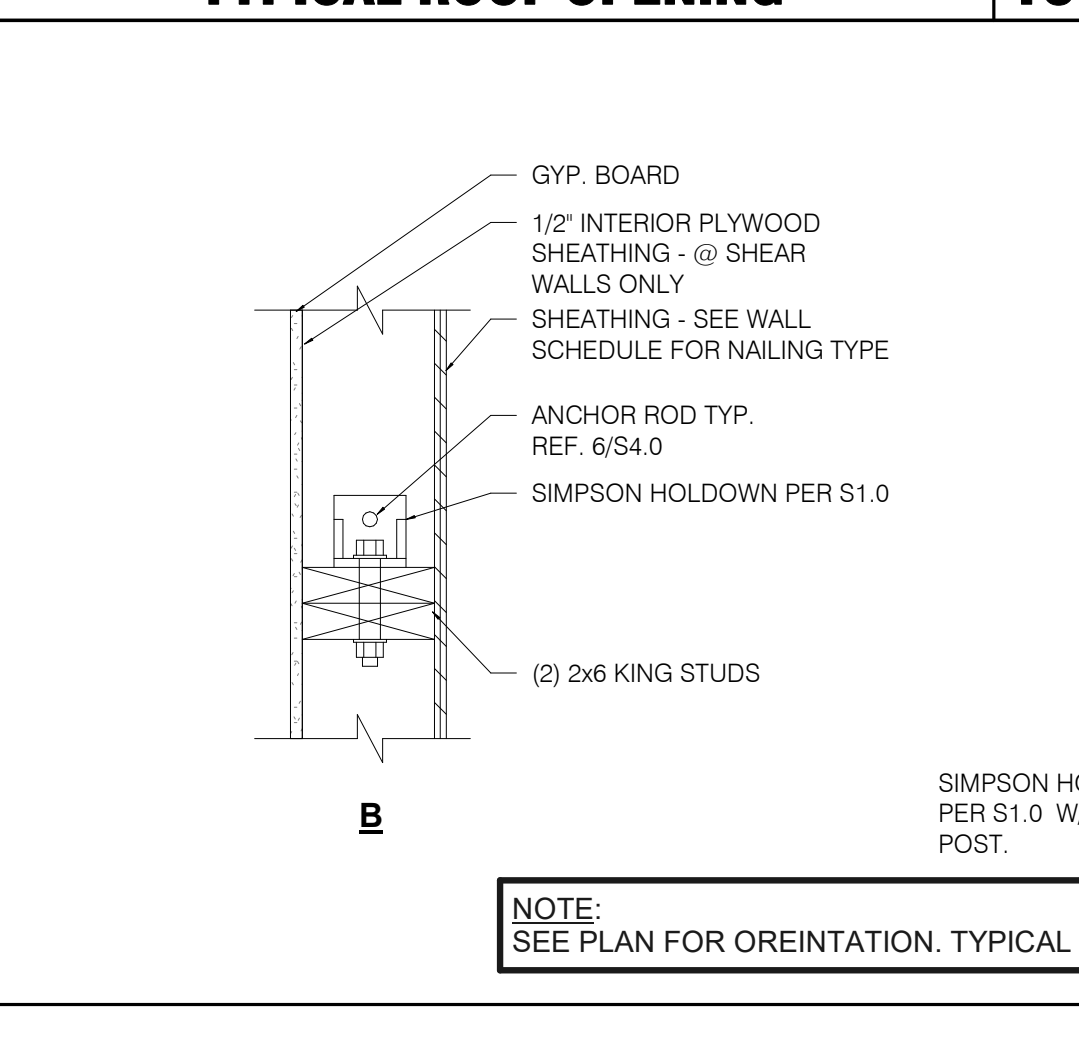
TRUSS SCHEDULE 1" = 1'-0" 7



TRUSS ELEVATION 1" = 1'-0" 2



HOLDOWN DETAILS 1" = 1'-0" 4



TRUSS LOAD DIAGRAMS 1" = 1'-0" 3

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 PA/PM: JN
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 JOB NO.: 2018088.31

TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131

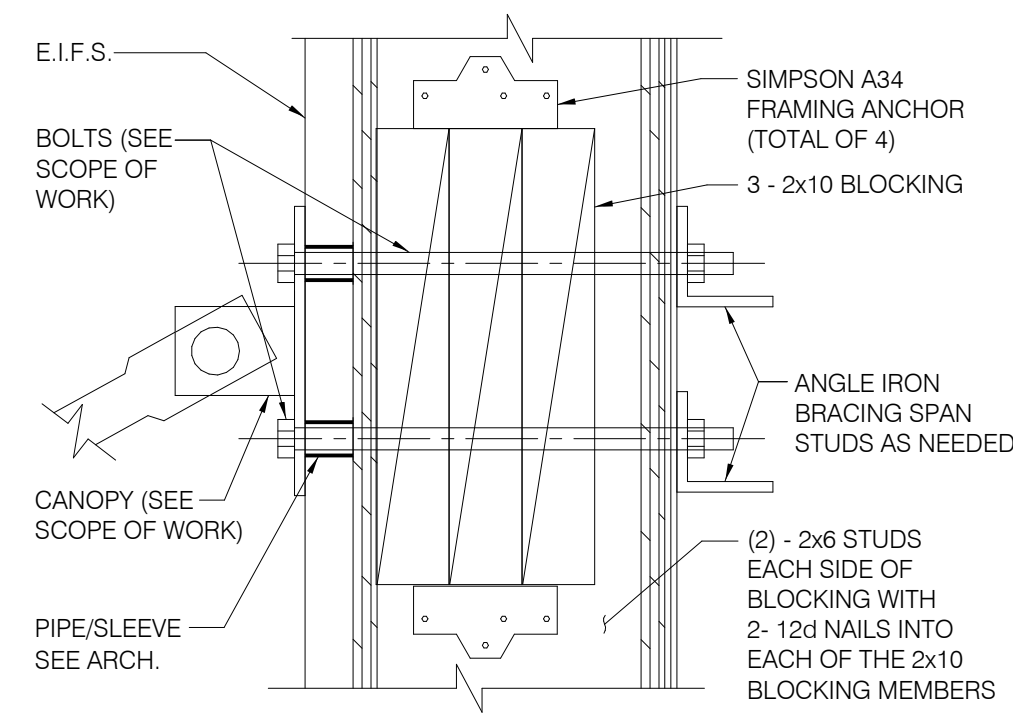


ENDEAVOR 2.0 STRUCTURAL DETAILS

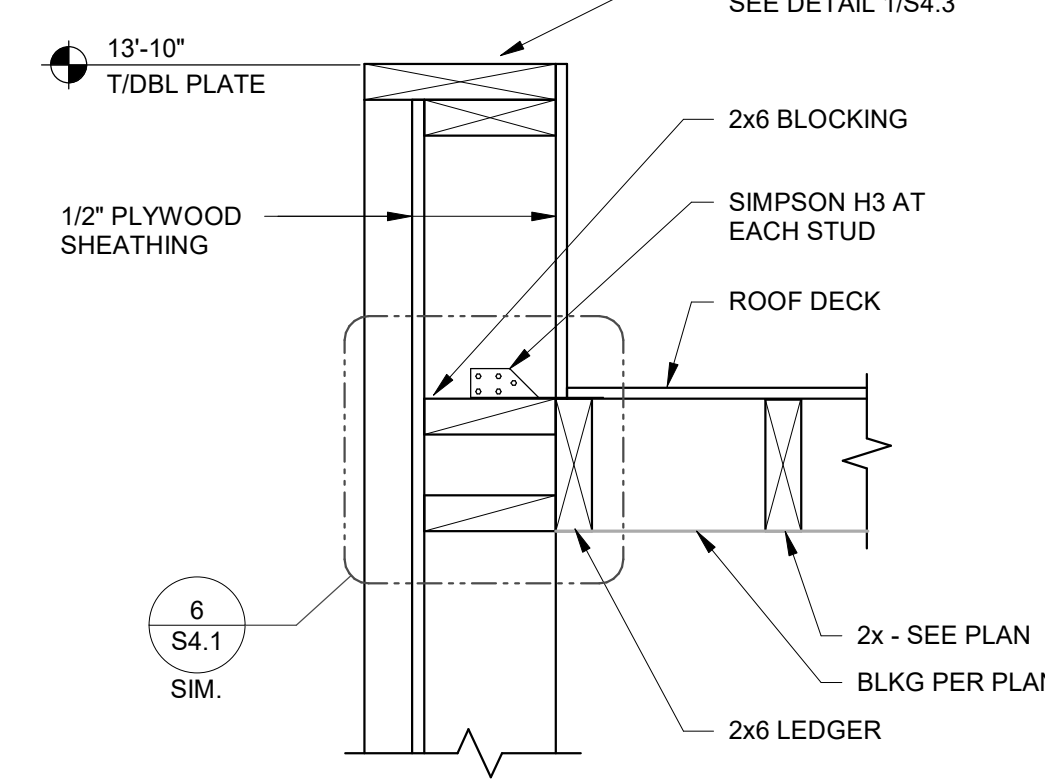
S4.2

PLOT DATE: 1/19/2022 11:25:15 AM

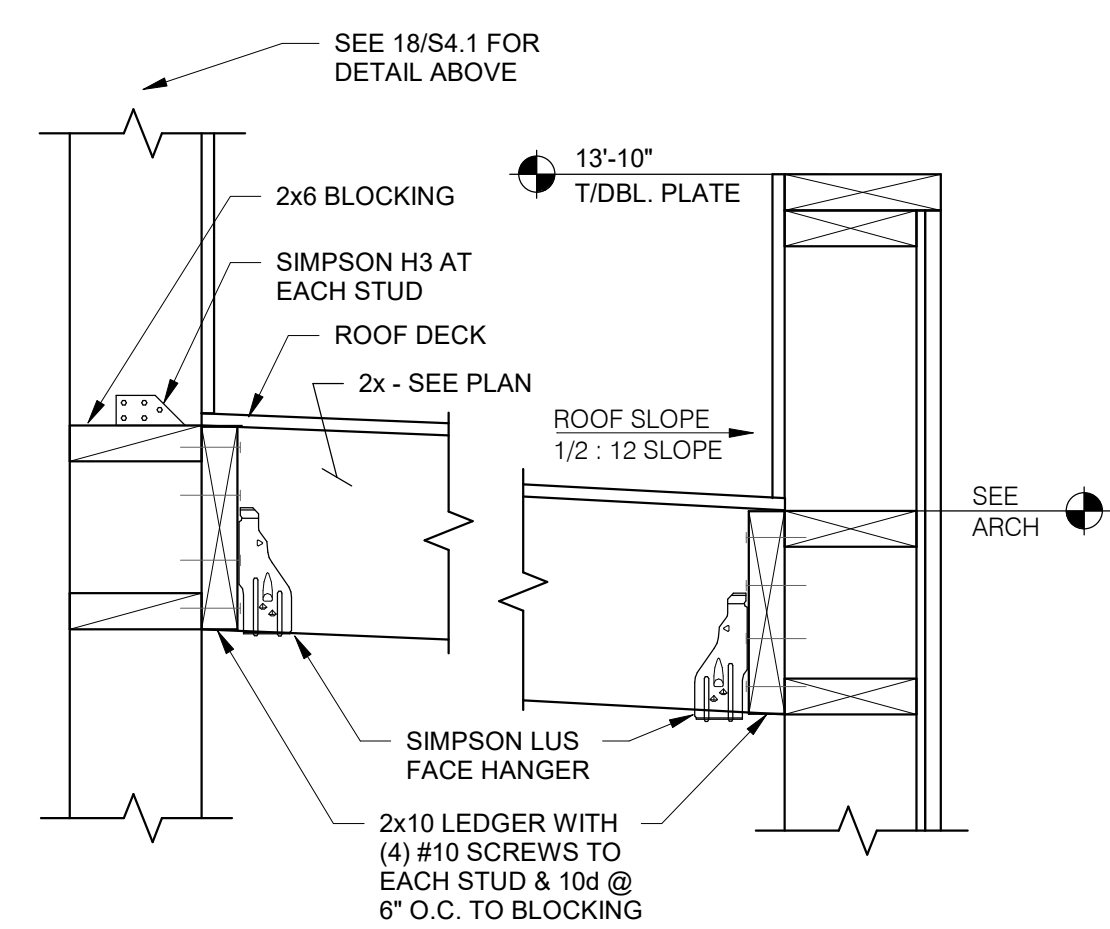
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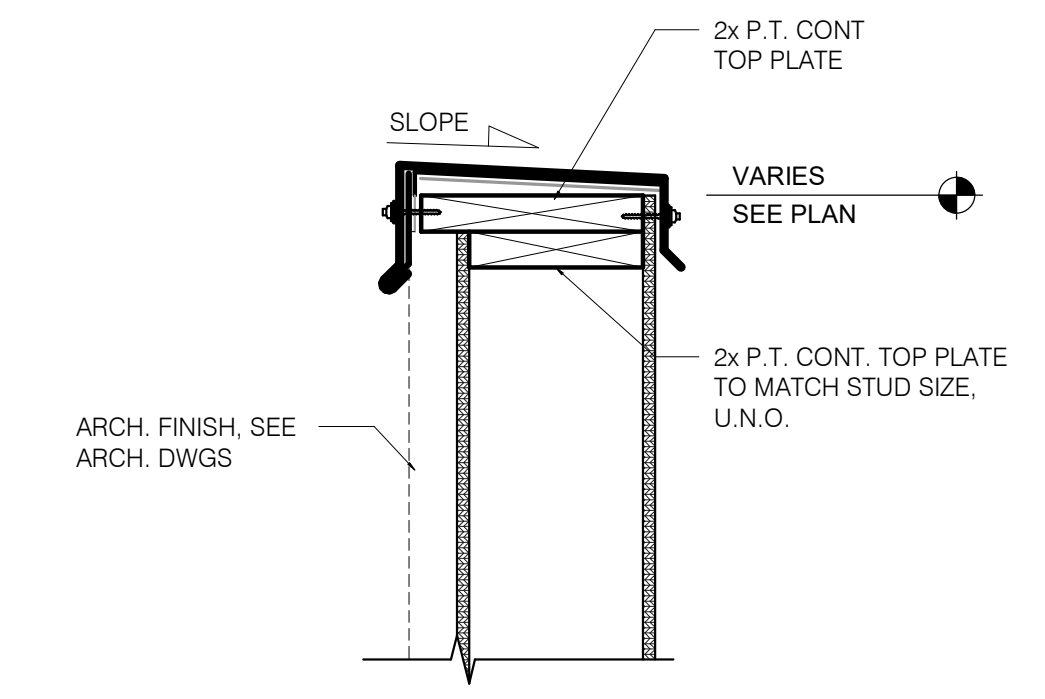
TIE-ROD BLOCKING 3' = 1'-0" **13**



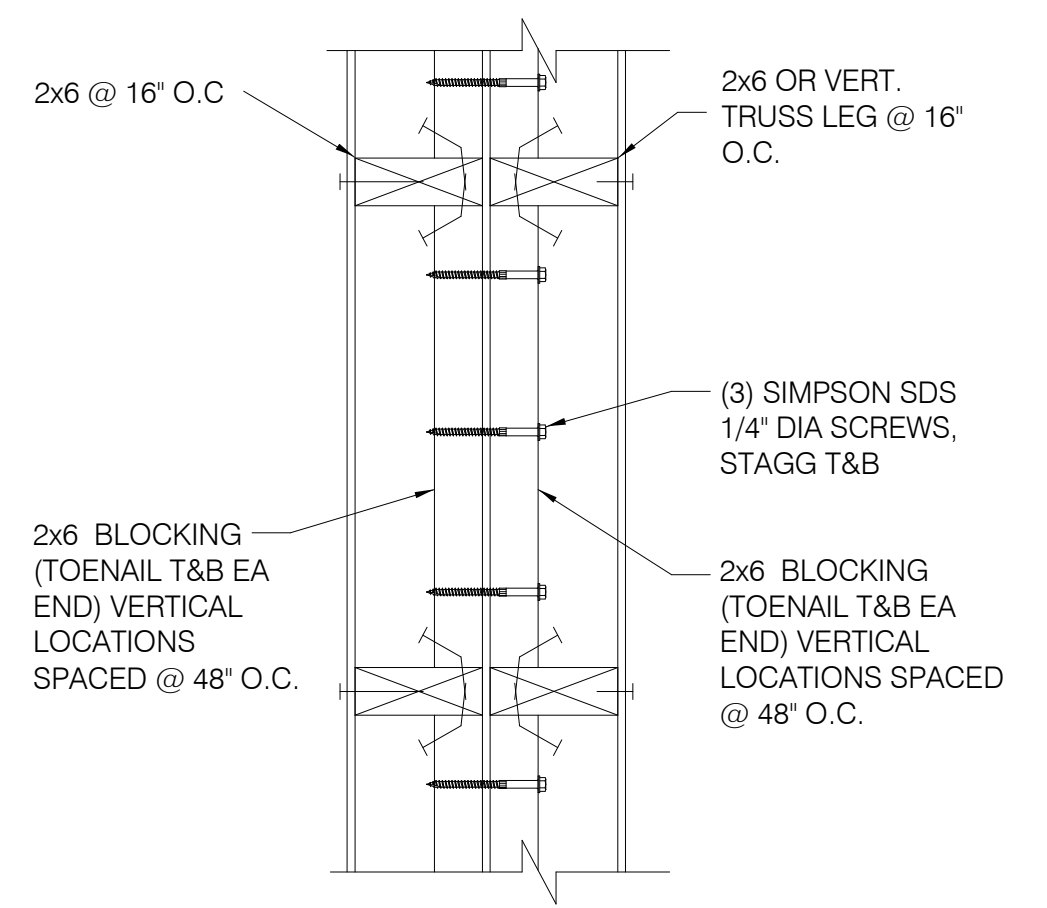
SECTION AT COOLER SIDES 1 1/2" = 1'-0" **9**



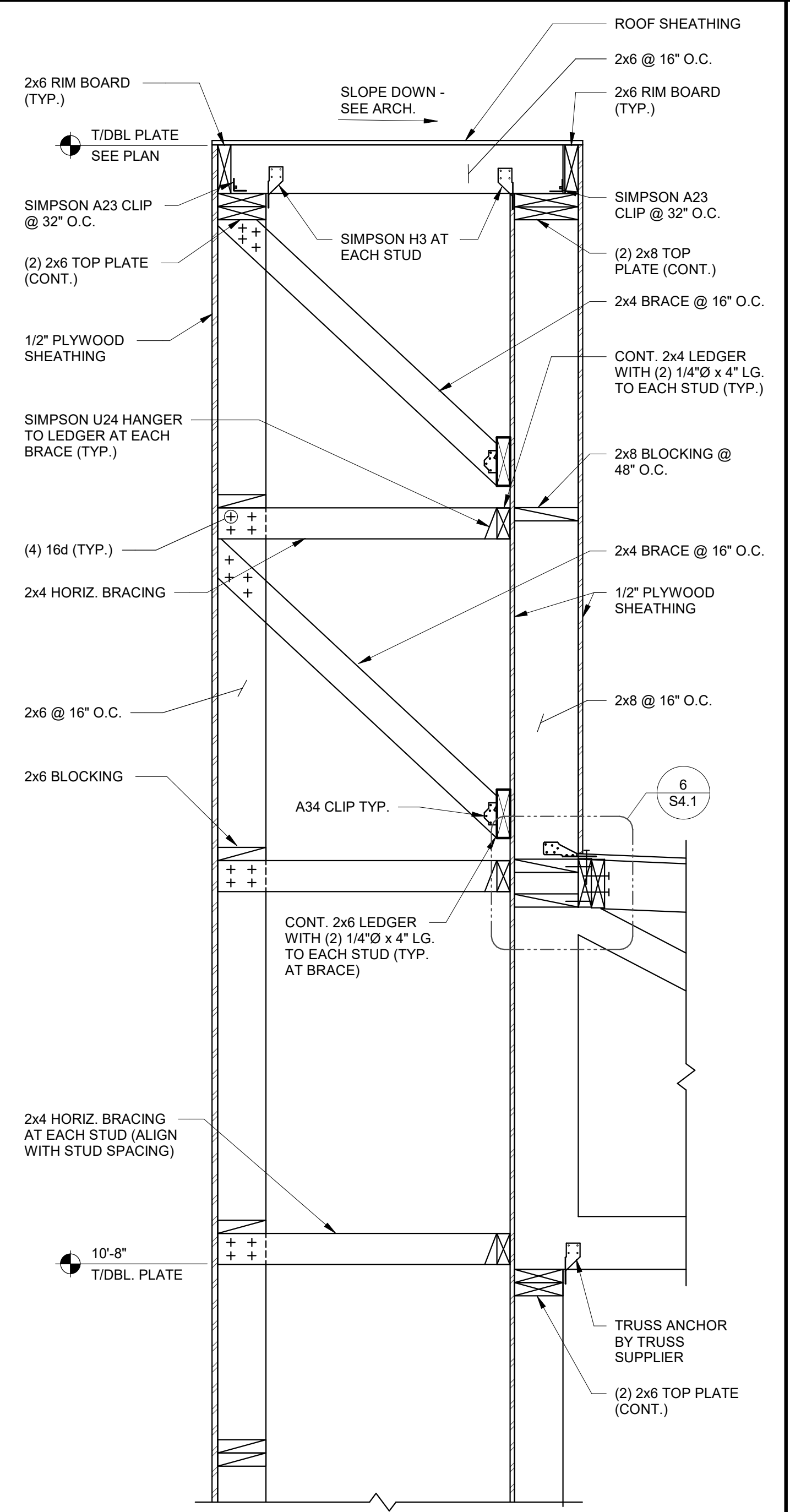
SECTION AT COOLER REAR 1 1/2" = 1'-0" **5**



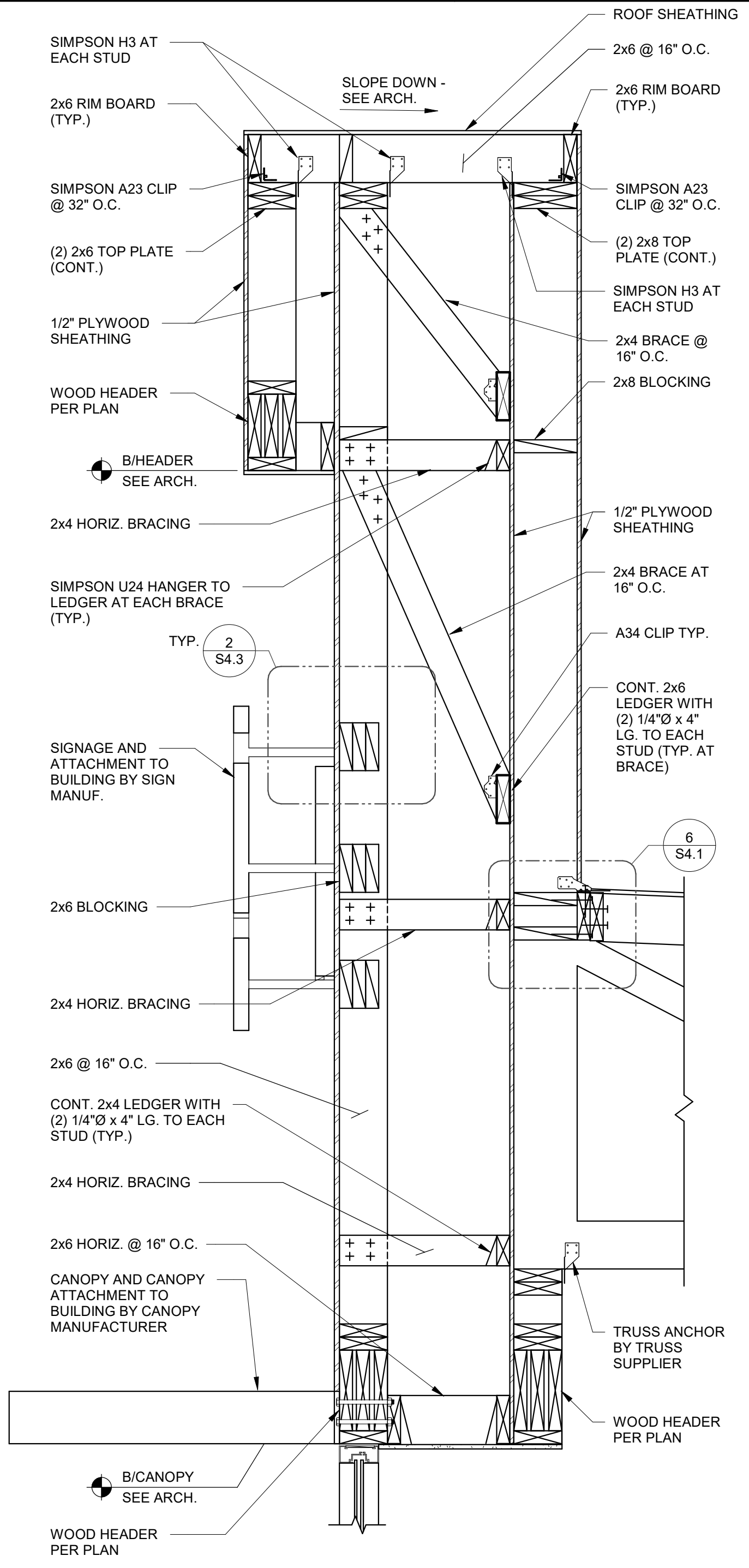
TYPICAL PARAPET CAP 1 1/2" = 1'-0" **1**



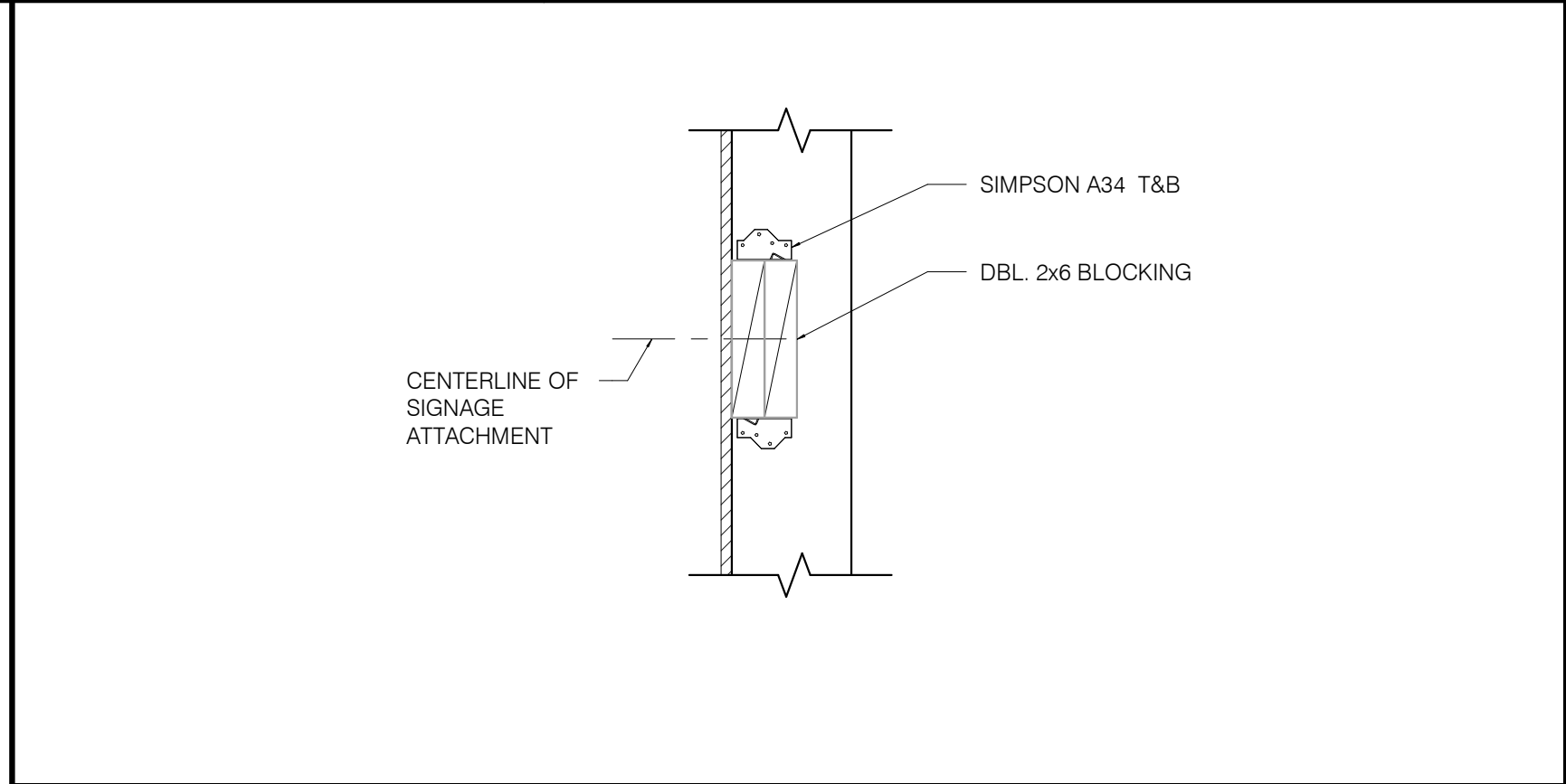
WALL DETAIL (PLAN VIEW) **14**



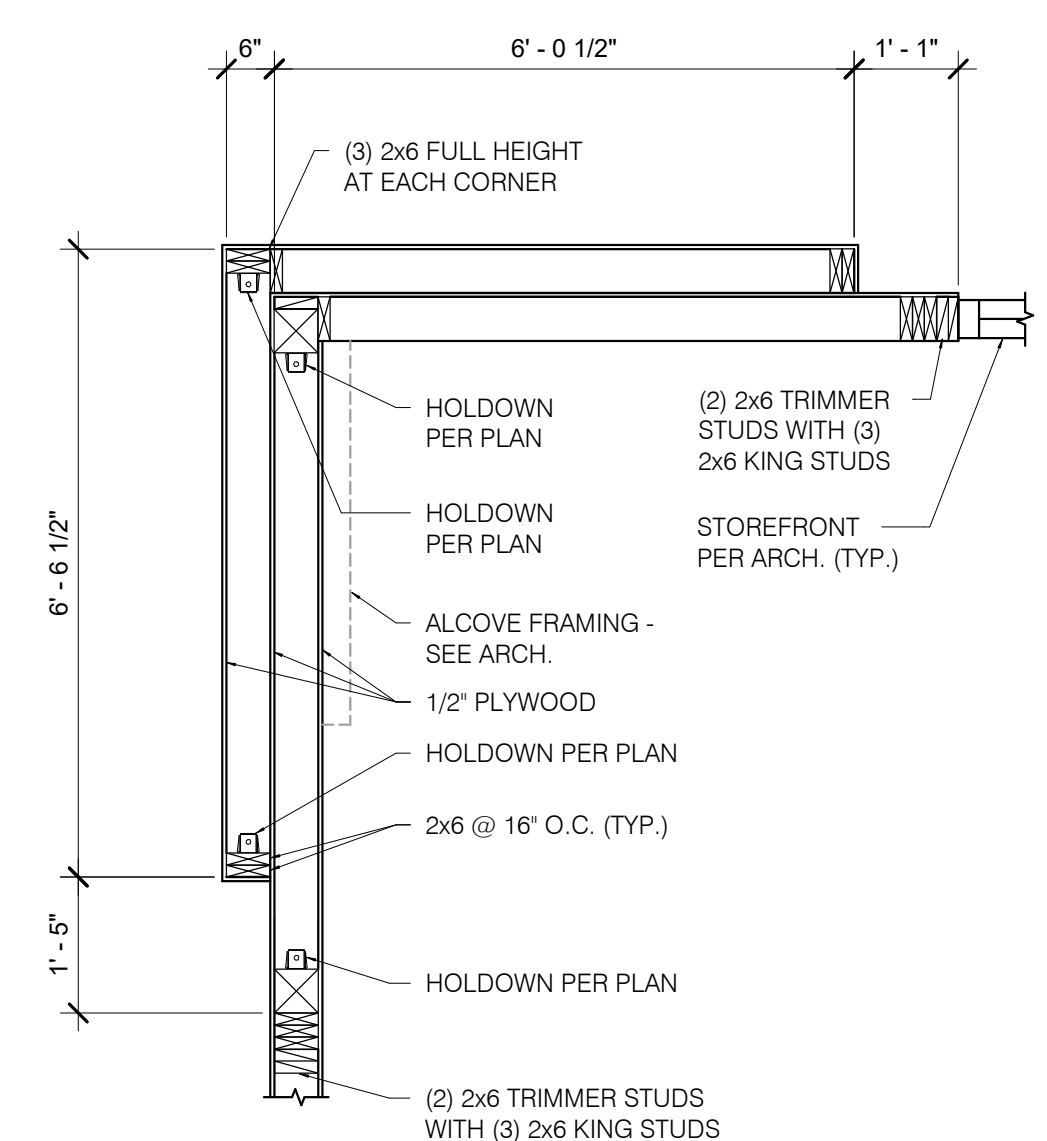
SECTION AT SIDE TOWER 1" = 1'-0" **12**



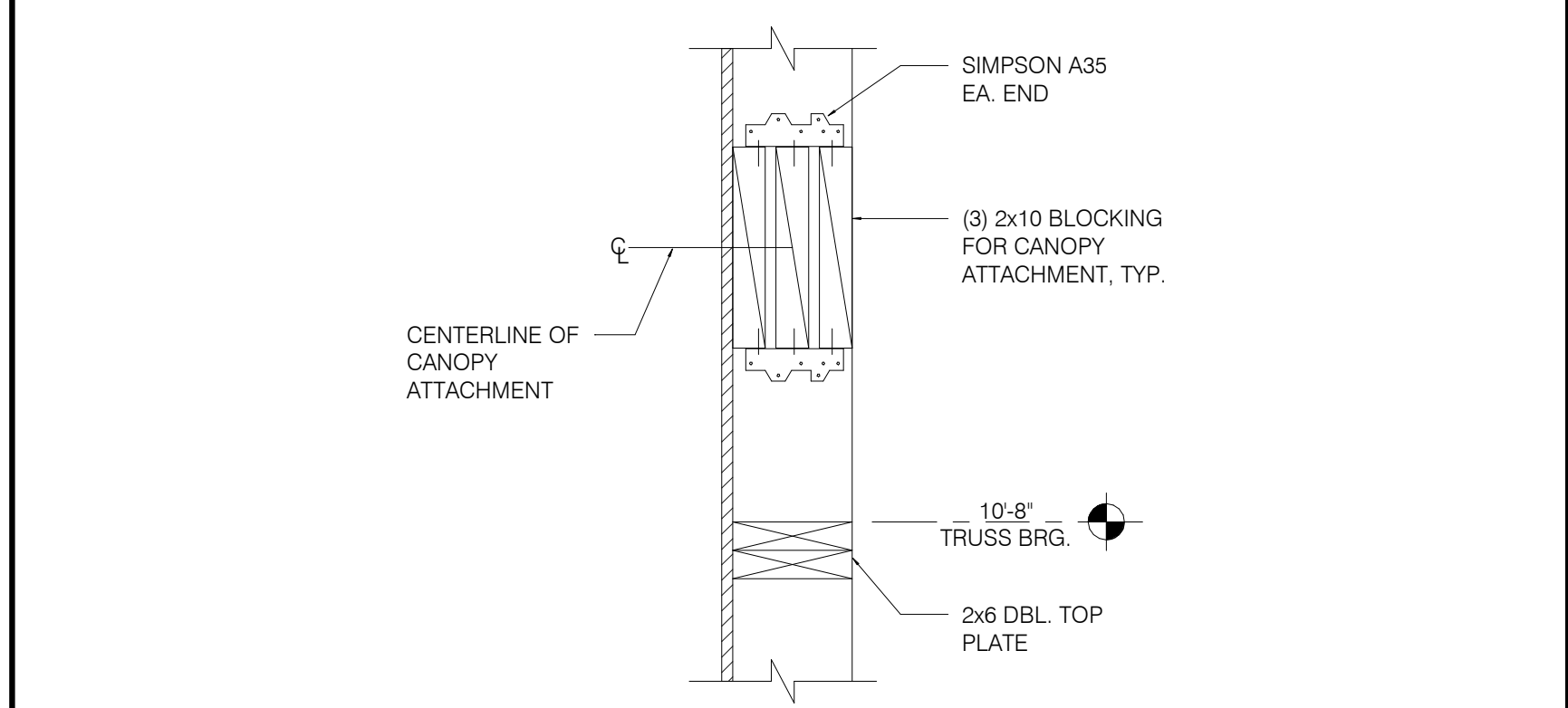
SIDE ENTRY TOWER FRAMING 1" = 1'-0" **6**



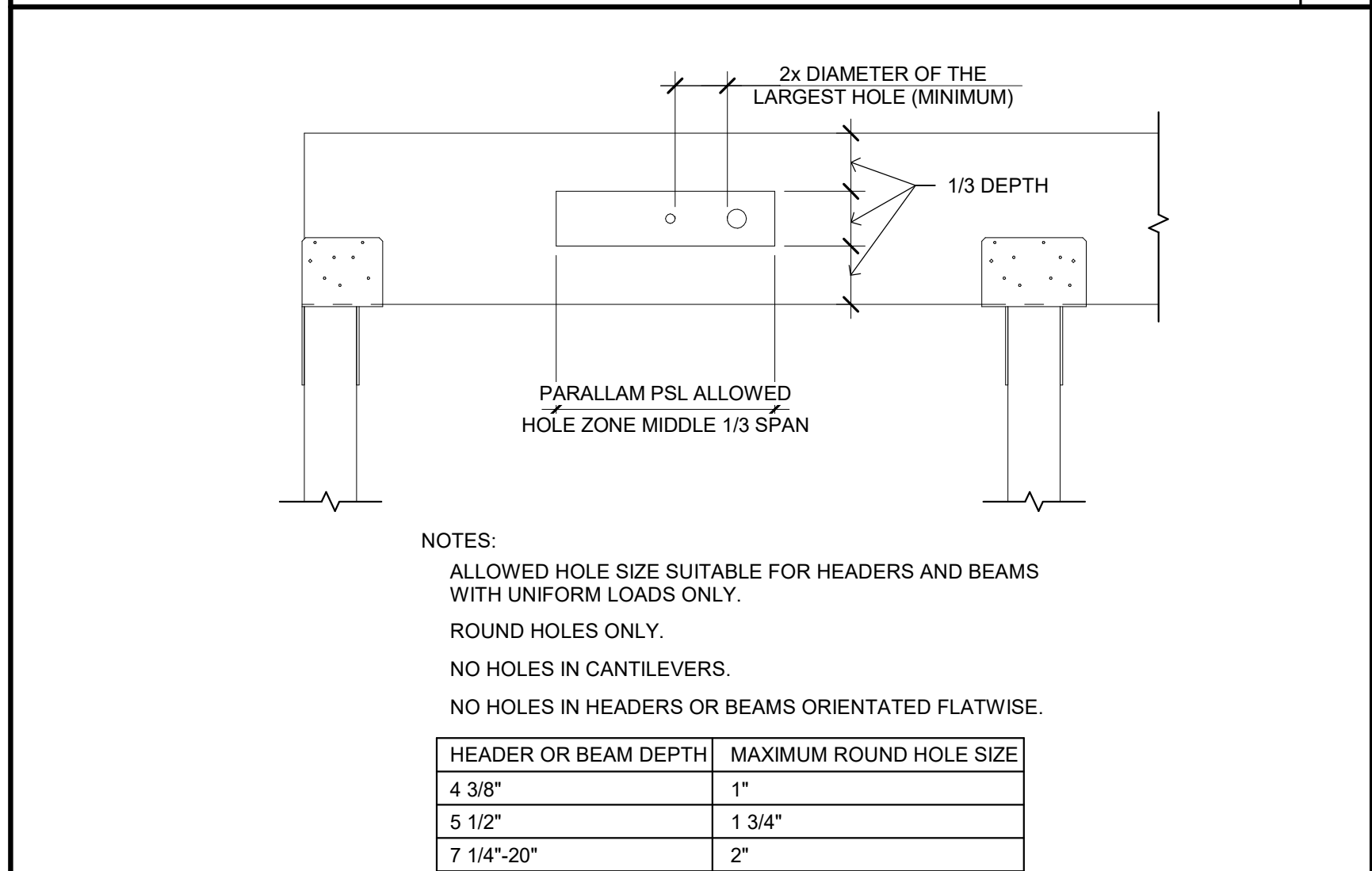
SIGNAGE & TOWER PANEL ATTACHMENT BLOCKING DETAIL 1 1/2" = 1'-0" **2**



FRONT TOWER FRAMING 1 1/2" = 1'-0" **20**



CANOPY TIE BACK BLOCKING DETAIL 12" = 1'-0" **3**



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

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 DRAWN BY.: RB
 JOB NO.: 2018088.31

TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



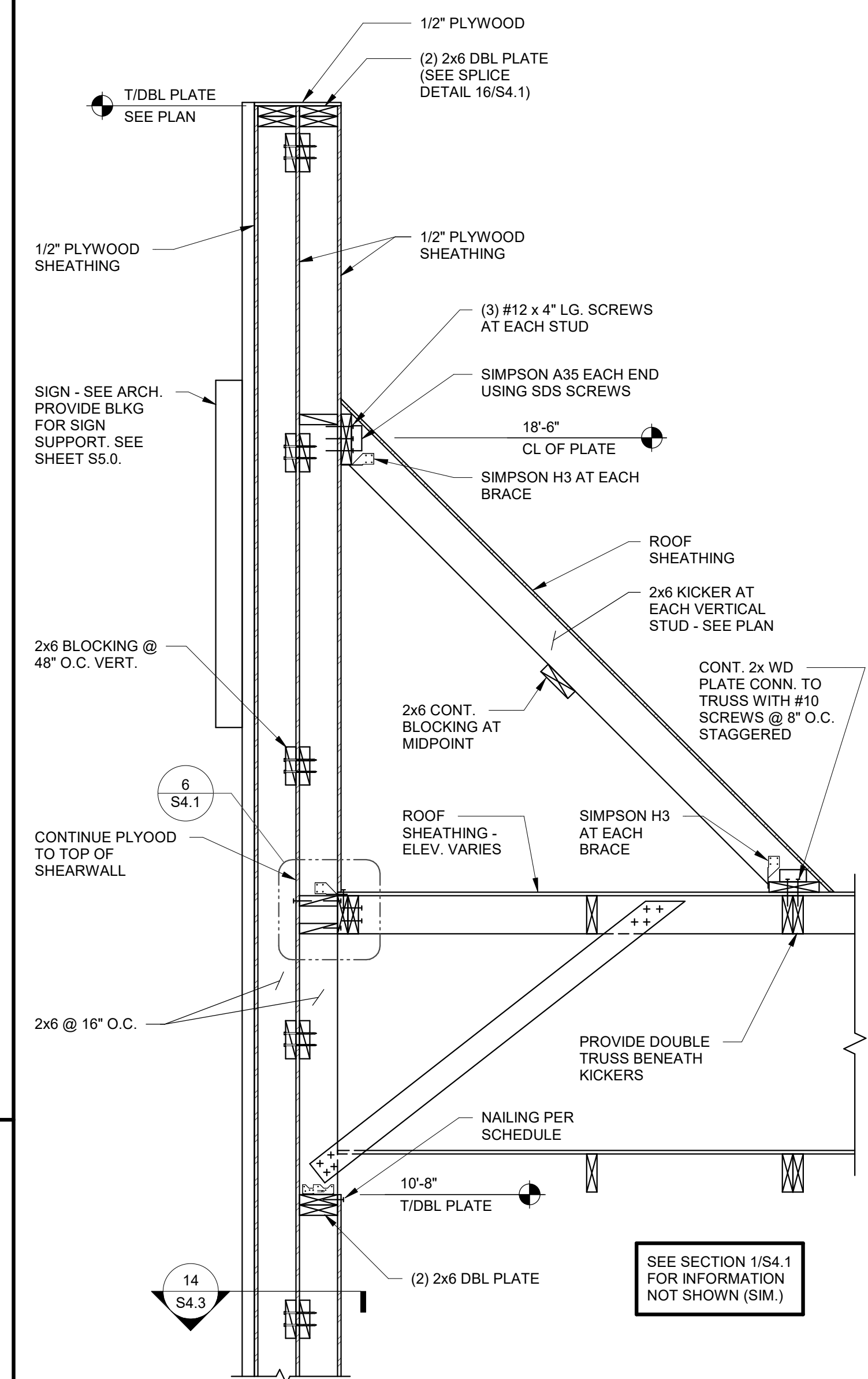
**ENDEAVOR 2.0
 STRUCTURAL
 DETAILS**

S4.3

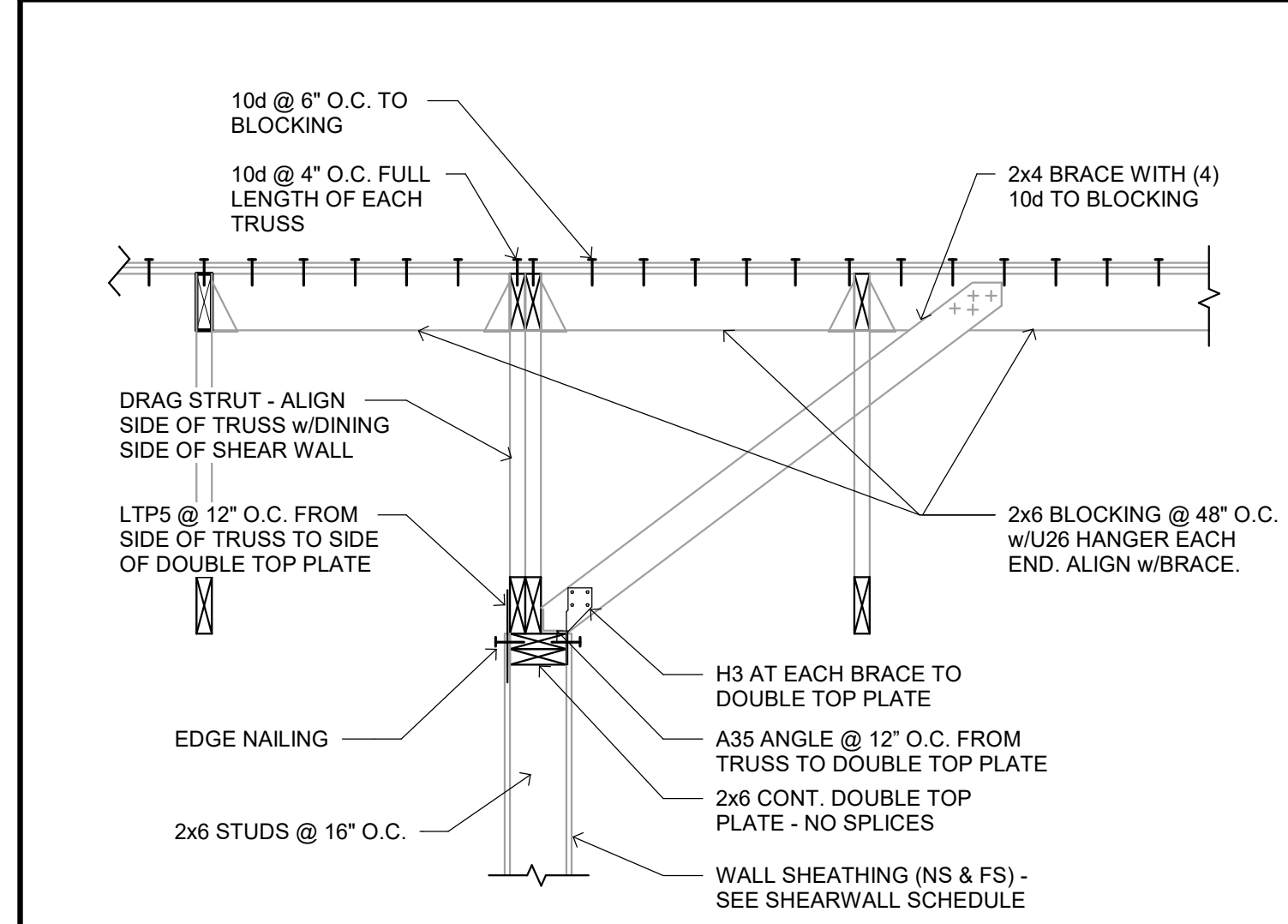
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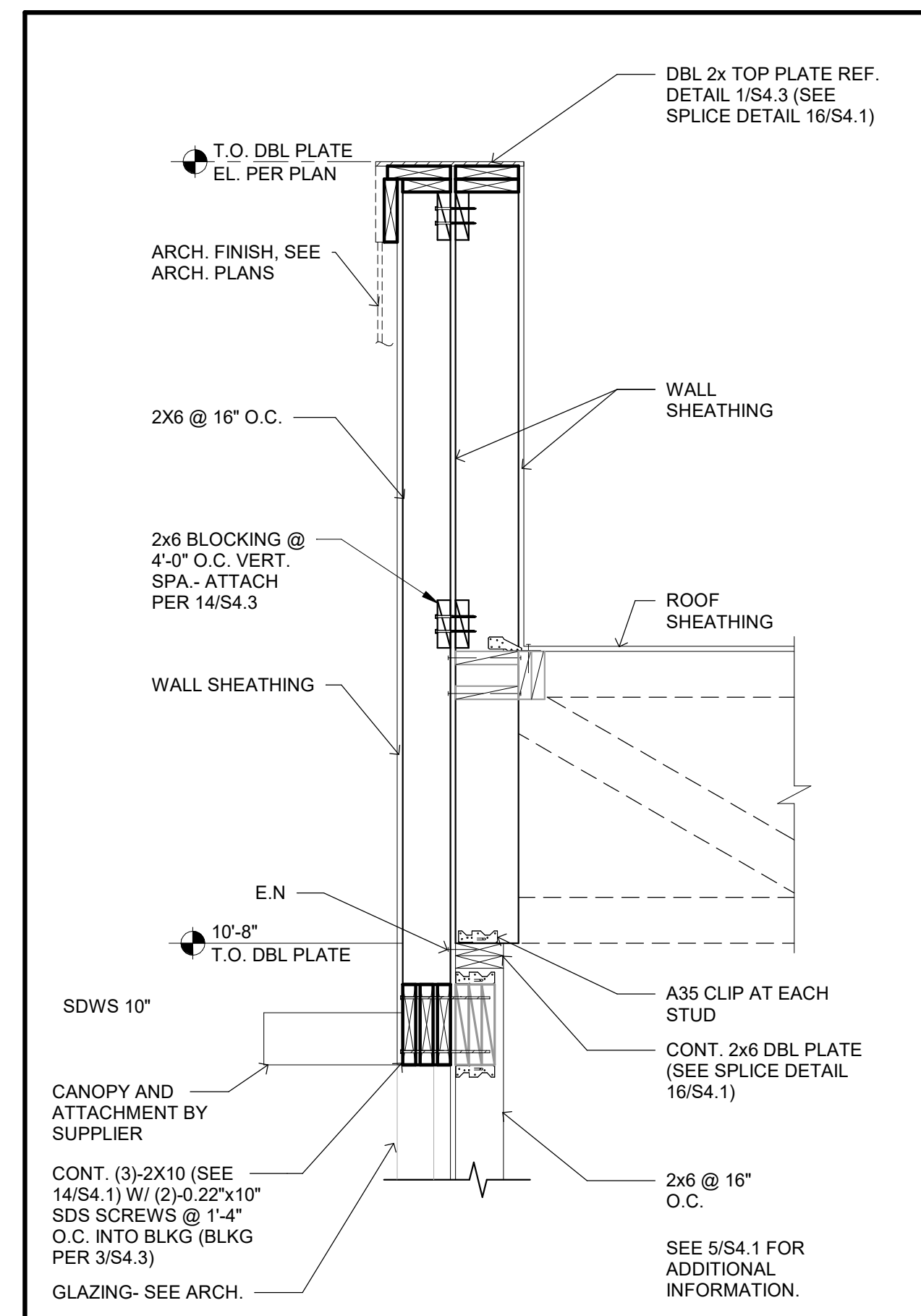
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



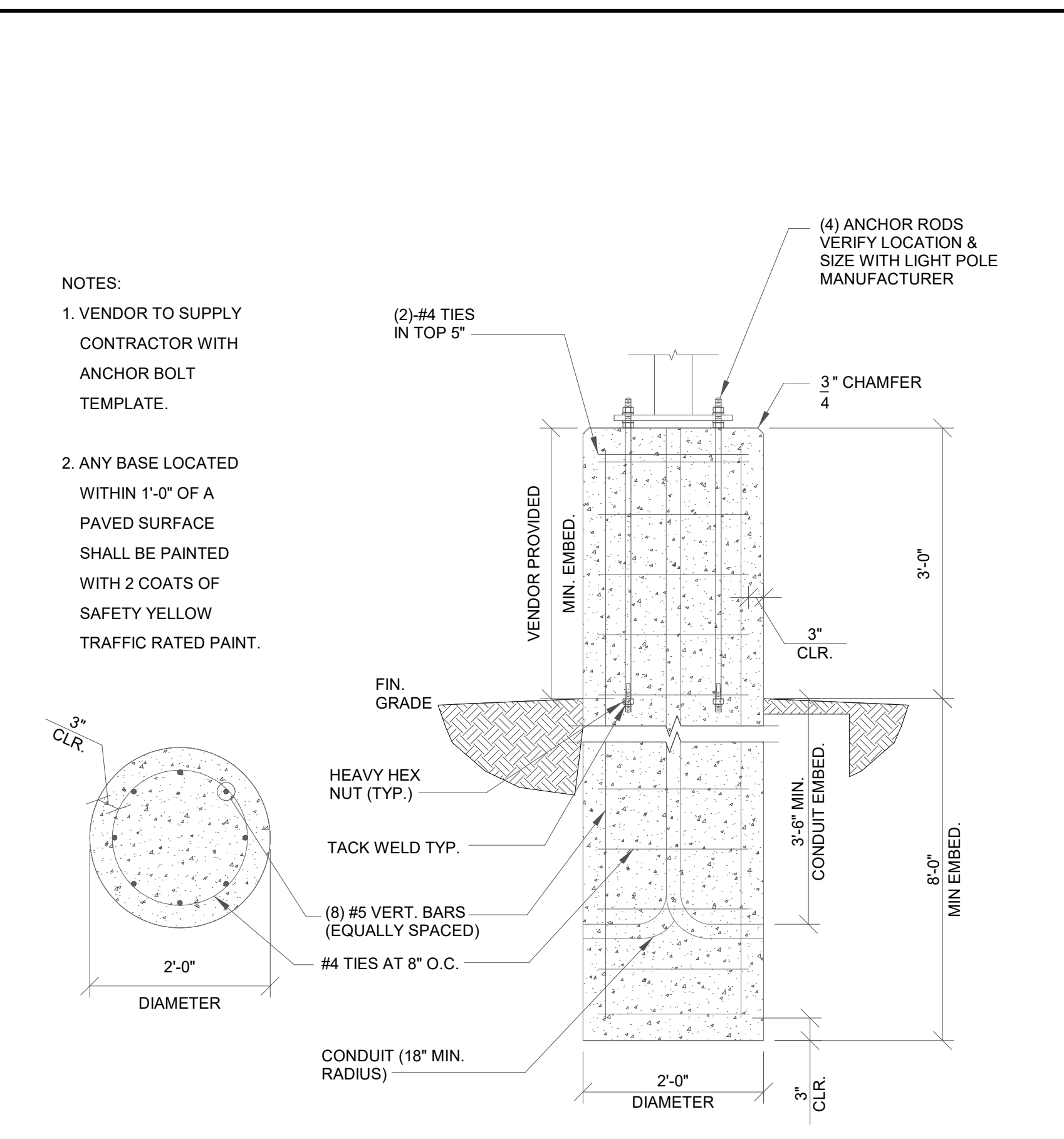
FRONT TOWER SECTION 3/4" = 1'-0" **1**



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



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



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

- 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.

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SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY.: RB
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



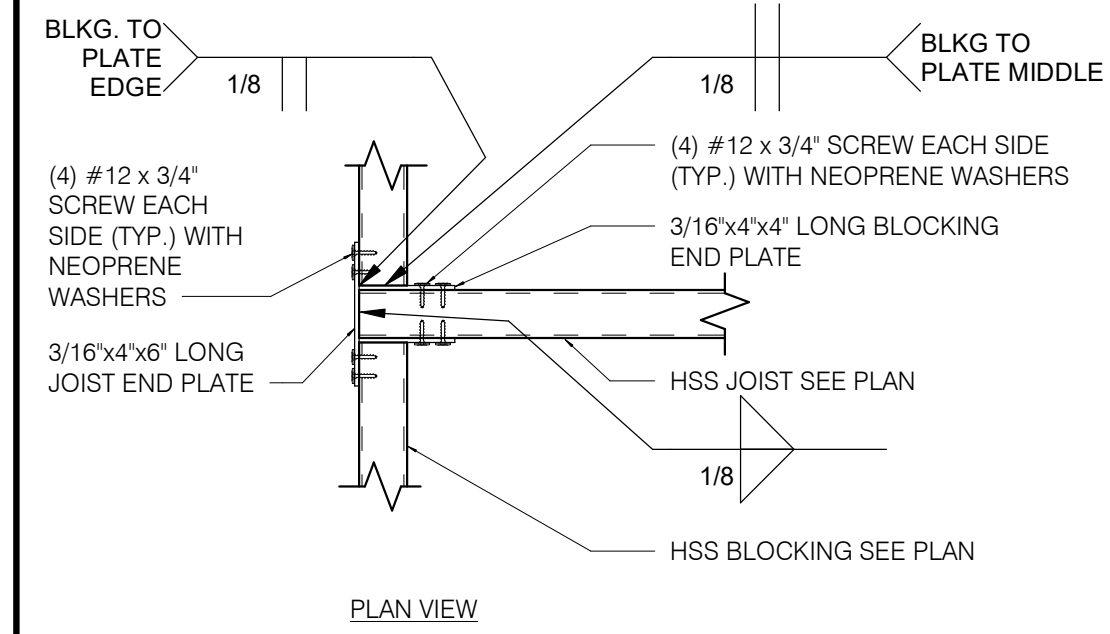
**ENDEAVOR 2.0
STRUCTURAL
SECTIONS**

S4.4

PLOT DATE: 1/19/2022 11:25:18 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



EDGE BLOCKING TO JOIST 1 1/2" = 1'-0" **4**

STRUCTURAL STEEL:
MATERIAL PROPERTIES:
PLATE: ASTM A36 UNO
TUBE: ASTM A500 GRADE B (Fy = 46 KSI)
BOLTS: ASTM A325

DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE 2010 AISC SPECIFICATIONS.

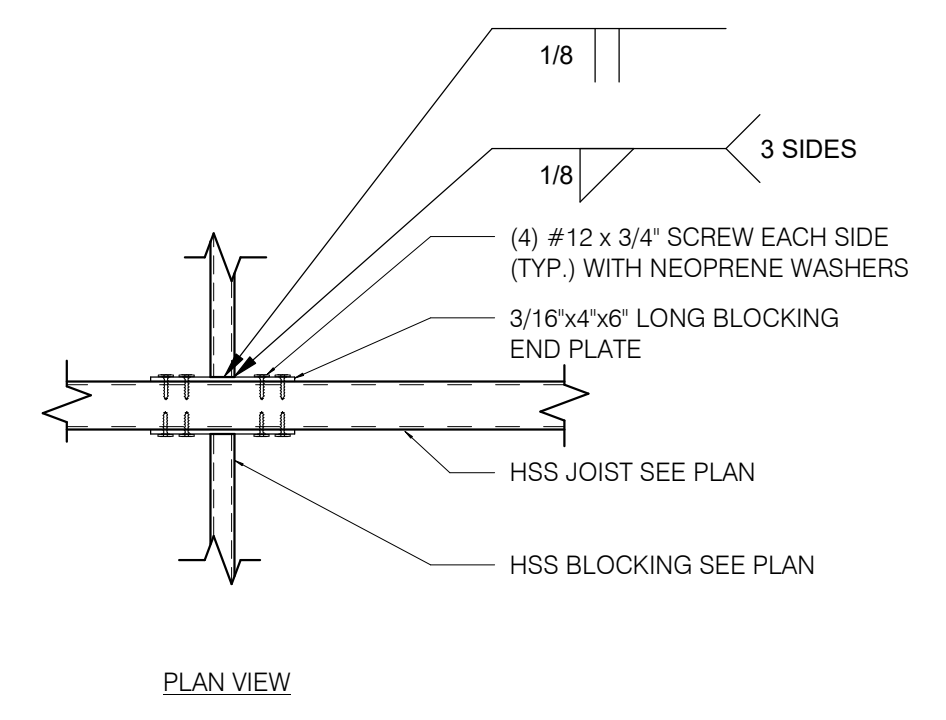
FIELD VERIFY ALL CONDITIONS AND CONNECTIONS TO THE EXISTING CONSTRUCTION BEFORE FABRICATION.

ALL CANOPY STEEL AND CLIPS SHALL BE HOT DIP GALVANIZED.

ALL SCREWS SHALL BE COATED FOR CORROSION RESISTANCE.

ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES IN ACCORDANCE WITH THE LATEST AWS SPECIFICATIONS.

CANOPY FRAMING STEEL NOTES 12" = 1'-0" **1**

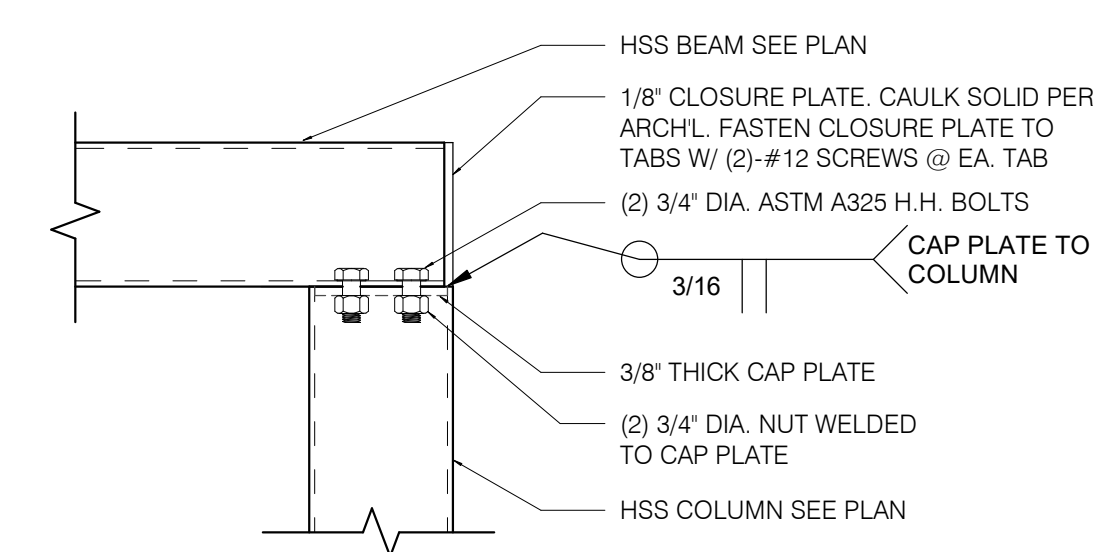


INTERIOR BLOCKING TO JOIST 1 1/2" = 1'-0" **5**

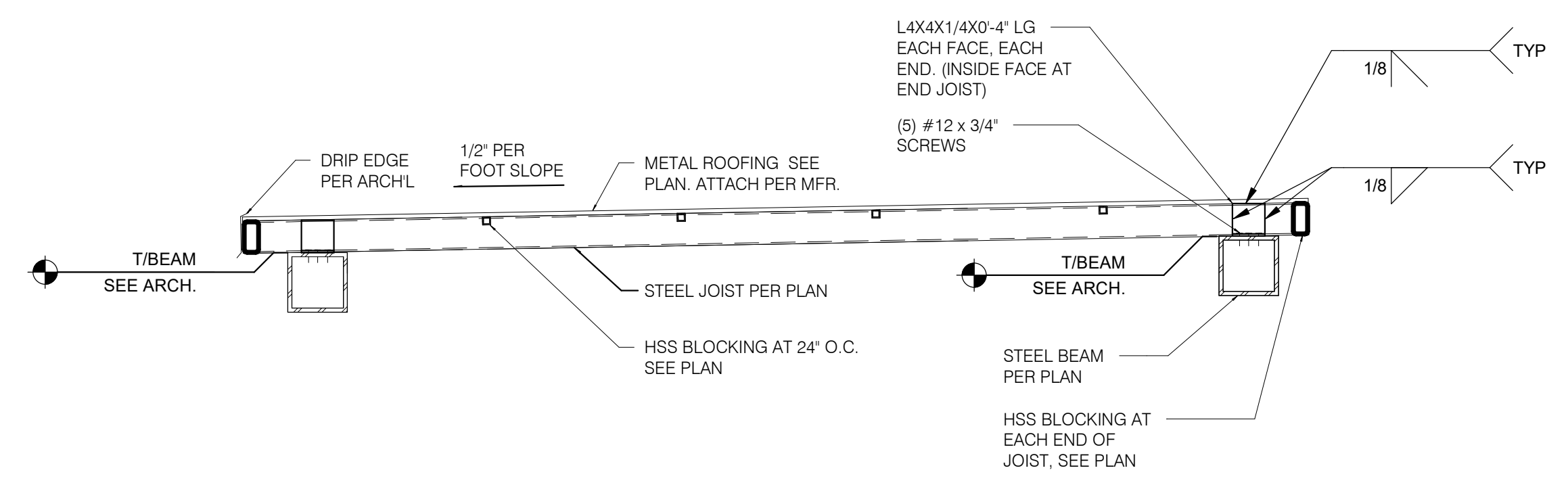
- 01 HSS 4x2x1/8 BLOCKING AT EACH END OF JOISTS.
- 02 HSS 1x1x1/8 INTERMEDIATE BLOCKING @ 24" O.C.
- 03 4"x2"x1/8" STEEL JOISTS AT 18" O.C. (LSV). USE HSS 4x4x1/8 AT END JOIST FOR ROOF ATTACHMENTS.
- 04 22 GAGE MAGNA-LOC 180 ROOF PANELS - ATTACH AT EDGE USING #12 x 3/4" SCREWS WITH NEOPRENE WASHERS AT 8" O.C. AT EDGES AND 12" O.C. AT FIELD - REFER TO MFR. INSTALLATION GUIDE FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 05 HSS 6x6x3/16 STEEL BEAM.

CANOPY FRAMING KEYNOTES 12" = 1'-0" **2**

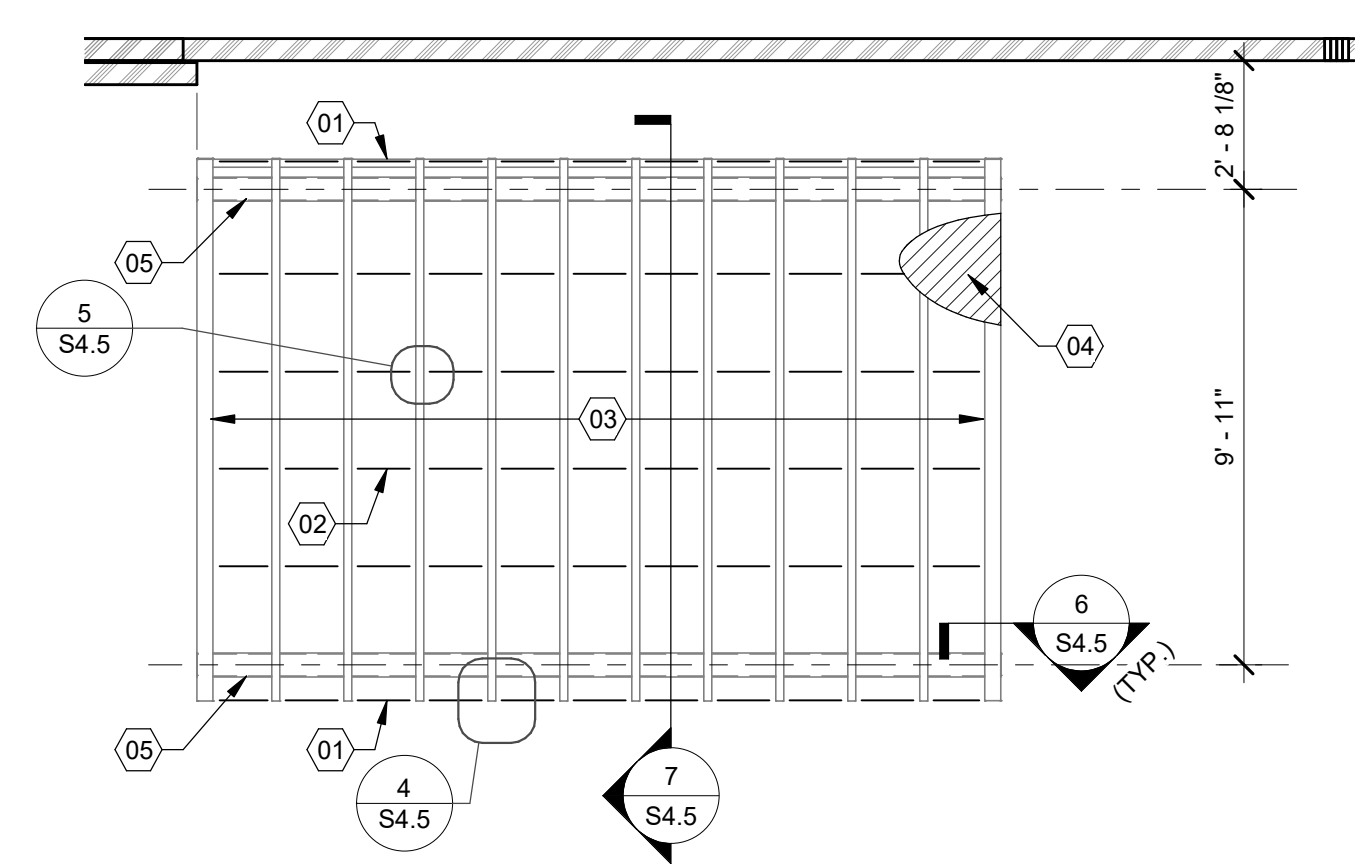
NOTE: ROOF DECK AND JOISTS NOT SHOWN FOR CLARITY. SEE DETAIL 7/S4.5.



BEAM TO COLUMN 1 1/2" = 1'-0" **6**



CANOPY SECTION 3/4" = 1'-0" **7**



CANOPY ROOF FRAMING 1/4" = 1'-0" **3**

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY.:
JOB NO.: 2018088.31

TACO BELL

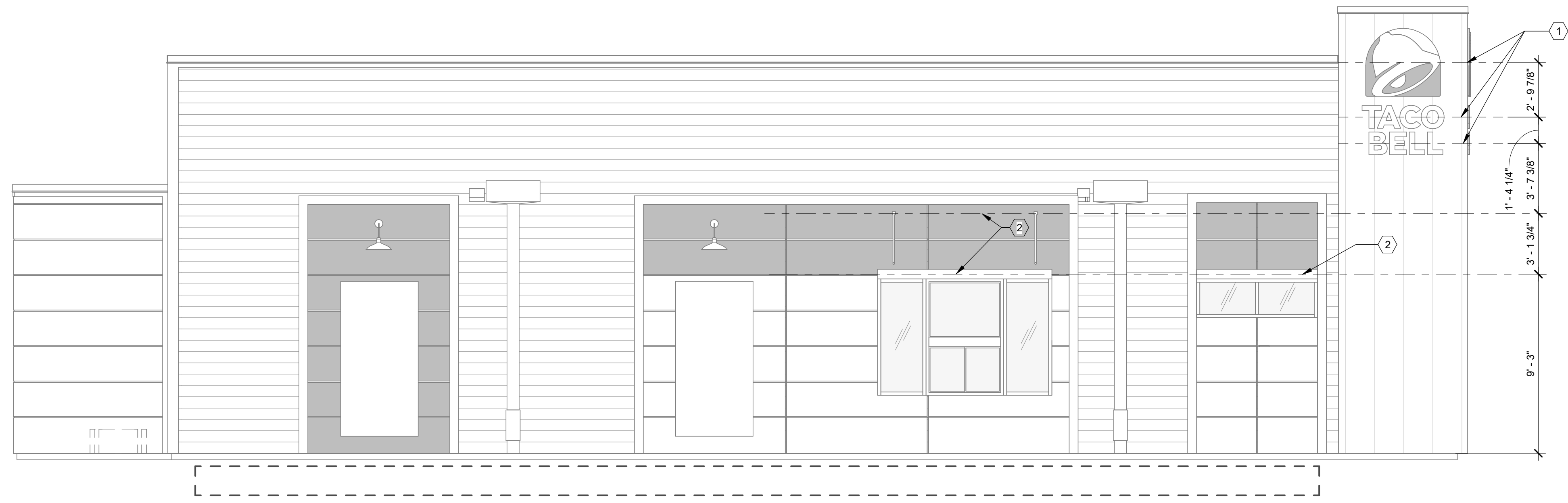
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
**CANOPY PLANS
AND DETAILS**

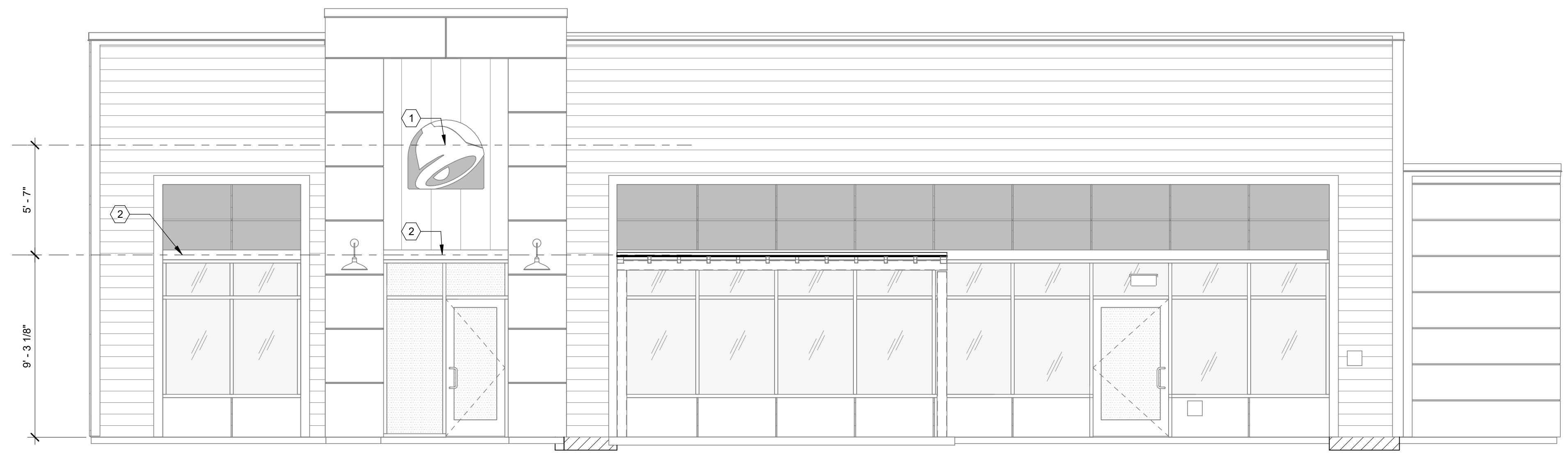
S4.5

PLOT DATE: 1/19/2022 11:25:19 AM

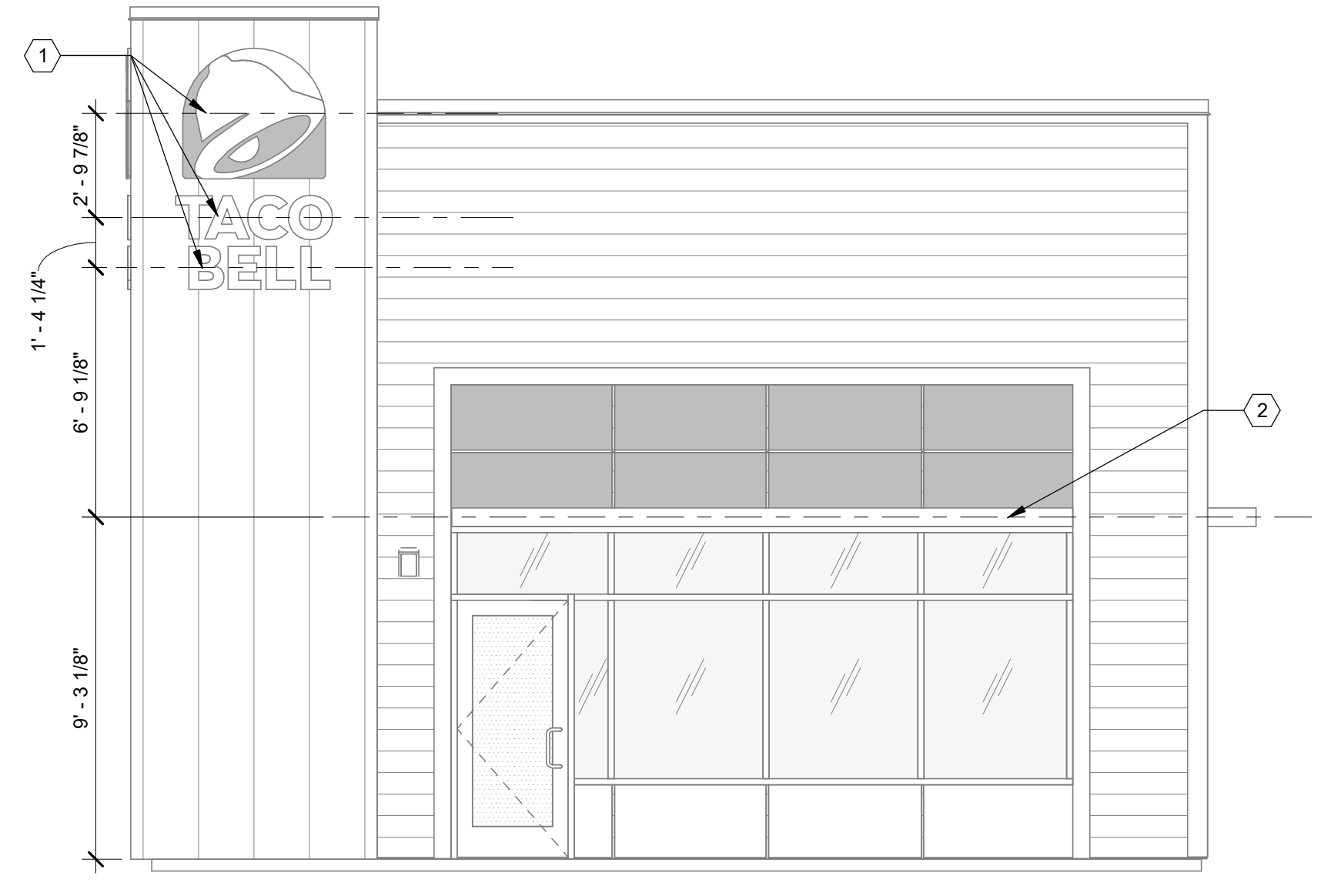


COORDINATE BLOCKING REQUIREMENTS WITH MANUFACTURER

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



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



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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 04.08.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 313354
STORE NUMBER: 449523
PA/PM: JN
DRAWN BY.: RB
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
**CANOPY/AWNING
BLOCKING
ELEVATIONS**

S5.0
PLOT DATE: 1/19/2022 11:25:22 AM

- 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 **C**

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

GENERAL NOTES **D**

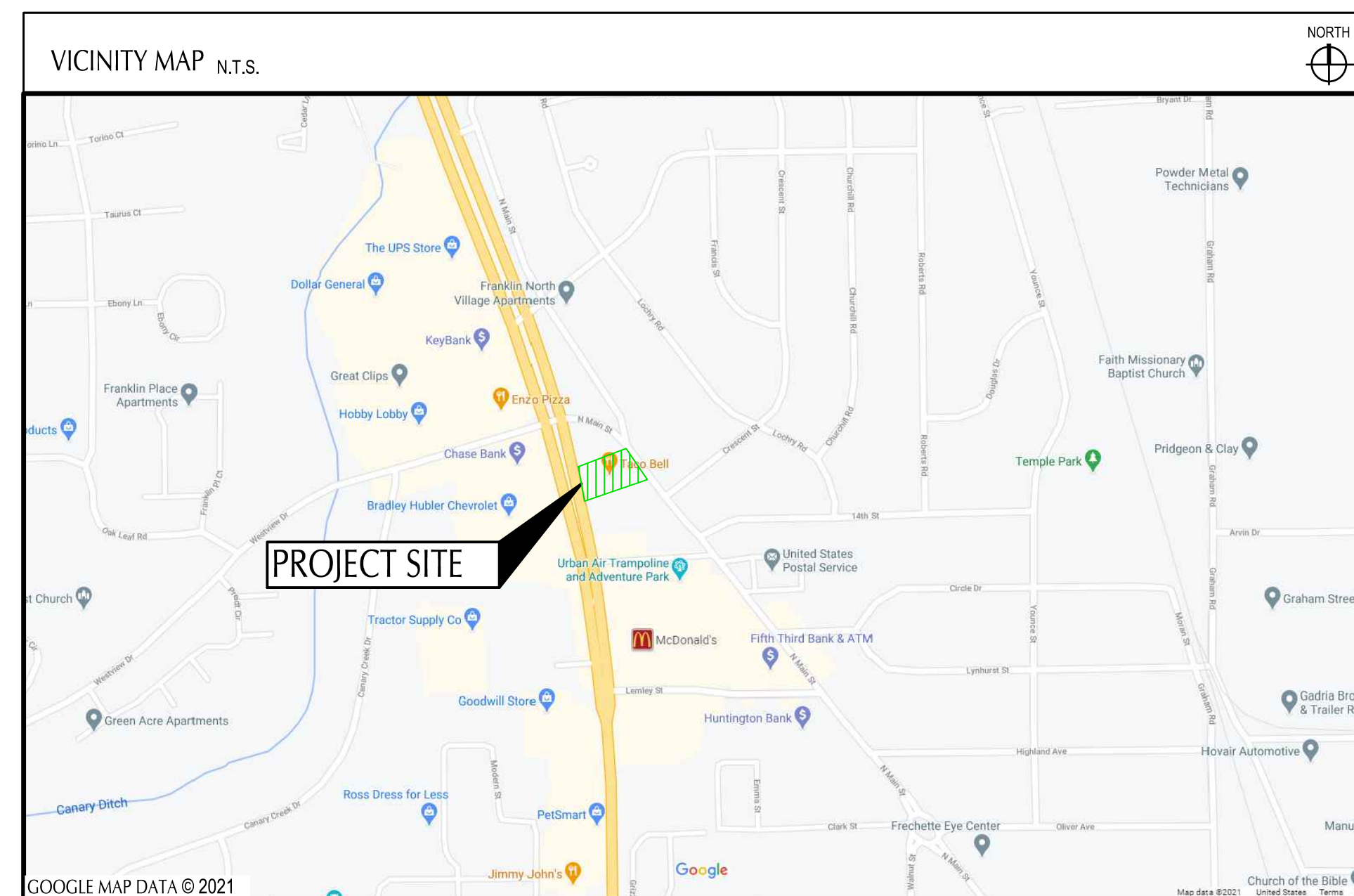
IMPROVEMENT PLANS

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN
MARCH, 2021



520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2101



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PLAN REPRODUCTION WARNING
THE PLANS HAVE BEEN PREPARED FOR PRINTING ON ANSI D (22"x34") SHEETS. PRINTING ON OTHER SIZE SHEETS MAY DISTORT SCALES. REFER TO GRAPHIC SCALES.

OWNER
CLINT LANGLEY
104 LISA COURT
MCMURARY, PA 15317
724.263.7757

DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0

TITLE SHEET

TS-001

PLOT DATE:

GENERAL NOTES

- ALL WORK SPECIFIED AS A DEPARTMENT OF TRANSPORTATION ITEM SHALL BE GOVERNED BY THE INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AS WELL AS THE CURRENT EDITION OF THE LOCAL JURISDICTION STORM WATER MANAGEMENT MANUAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.
- THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES SHALL BE IMPLEMENTED TO MANAGE THE CURRENT SITE CONDITIONS WHICH MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL AND WATER CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS AND CHANGE IN SITE CONDITIONS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
- ALL STORM WATER POLLUTION PREVENTION PRACTICES SHALL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
- SEDIMENT BARRIERS SHALL BE INSTALLED DOWNSLOPE OF DISTURBED AREAS. SEDIMENT BARRIERS SHALL BE INSTALLED ALONG LEVEL CONTOURS. MAXIMUM CONTRIBUTING DRAINAGE AREA TO SEDIMENT BARRIERS SHALL BE PER THE CURRENT STATE'S EPA OR THE LOCAL AUTHORITY REQUIREMENTS. COMPOSITE FILTER SOCKS USED IN LIEU OF SILT FENCE SHALL BE A MINIMUM OF 12 INCHES IN DIAMETER.
- SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING AND NEW STORM INLETS, CATCH BASINS AND YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
- STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS MAY BE SHOWN ON THESE PLANS AND/OR AS DIRECTED BY THE ENGINEER OR THE LOCAL AUTHORITY HAVING JURISDICTION.
- SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
- ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION.
- CONSTRUCTION ENTRANCE SHALL BE UTILIZED. IF CONDITIONS ARE SUCH THAT MUD IS COLLECTING ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
- IF FOR ANY REASON, THE PROJECT IS SUSPENDED, THE CONTRACTOR SHALL INSURE THAT ALL INSTALLED EROSION MEASURES ARE FUNCTIONING AND PROPERLY MAINTAINED DURING THIS PERIOD, AND THAT ALL BARE SOILS ARE SEEDED AND MULCHED WITH TEMPORARY SEED MIXTURE.
- CONCRETE WASHOUT FACILITY (IF APPLICABLE) SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLAN DETAILS AND LOCAL GOVERNING AUTHORITY REGULATIONS AND INSTRUCTIONS.
- IMPLEMENTATION OF EROSION AND SEDIMENT CONTROLS SHALL CONFORM TO STATE OF INDIANA CURRENT CONSTRUCTION GENERAL PERMIT AND THE CITY OF FRANKLIN CODIFIED ORDINANCES. IF A CONFLICT EXISTS BETWEEN THE TWO REGARDING EROSION AND SEDIMENT CONTROL IMPLEMENTATION, THE MORE RESTRICTIVE SHALL APPLY.

INSPECTION NOTES

- CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND LOGGED BY THE CONTRACTOR FOR INSPECTION. LOGGING SHALL BE WEEKLY AND AFTER EVERY 1/2" RAINFALL EVENT. REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
- CONTRACTOR'S INSPECTOR SHALL BE A QUALIFIED INDIVIDUAL. ONLY A QUALIFIED INSPECTION PERSONNEL IS TO PERFORM THE INSPECTIONS. SITE INSPECTIONS SHALL BE DONE WEEKLY AND WITHIN 24 HRS AFTER EVERY RAINFALL EVENT EXCEEDING 1/2" OF RAINFALL. ALL NECESSARY REPAIRS SHOULD BE IMPLEMENTED IMMEDIATELY AFTER SUCH INSPECTIONS.
- CONTRACTOR'S INSPECTOR SHALL BE RESPONSIBLE FOR PREPARING AND SIGNING WEEKLY AND ALL INTERMEDIATE EROSION CONTROL INSPECTION REPORTS AFTER EVERY INSPECTION, WHICH INCLUDE BUT NOT LIMITED TO (DISTURBED AREAS, MATERIAL STORAGE AREAS, EROSION AND SEDIMENT CONTROLS, DISCHARGE LOCATIONS AND VEHICLE ENTRANCE/EXIT LOCATIONS). SUCH REPORTS SHALL BE MADE AVAILABLE TO OWNER, ENGINEER AND CITY / STATE OFFICIALS UPON THEIR REQUEST.
- REPORTS SHALL BE KEPT FOR 3 YEARS AFTER TERMINATION OF THE CONSTRUCTION ACTIVITIES.
- CONTRACTOR MAY SUBMIT A WAIVER REQUEST TO THE LOCAL AND STATE GOVERNING AUTHORITIES FOR A REDUCTION TO MONTHLY INSPECTIONS IF THE SITE WILL BE STABILIZED AND DORMANT FOR A LONG PERIOD, AND/OR THE RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR AN EXTENDED PERIOD OF TIME (FROZEN GROUND).
- FOR BMPS THAT REQUIRE REPAIR OR MAINTENANCE - NON SEDIMENT POND BMPS ARE TO BE REPAIRED WITHIN 3 DAYS OF INSPECTION AND SEDIMENT PONDS ARE TO BE REPAIRED OR CLEANED OUT WITHIN 10 DAYS OF INSPECTION.
- FOR BMPS THAT DO NOT MEET THE INTENDED FUNCTION, A NEW BMP SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
- FOR MISSING BMPS REQUIRED, THE MISSING BMPS SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

SPILLS AND CONTAMINATION

- CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES REGARDING DISPOSAL AND HANDLING OF HAZARDOUS AND CONSTRUCTION WASTES:
 - PREVENT SPILLS
 - USE PRODUCTS UP
 - FOLLOW LABEL DIRECTIONS FOR DISPOSAL
 - REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
 - RECYCLE WASTES WHENEVER POSSIBLE
 - DONT POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
 - DONT POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS
 - DONT BURY CHEMICALS OR CONTAINERS
 - DONT BURN CHEMICALS OR CONTAINERS
 - DONT MIX CHEMICALS TOGETHER
- ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE INDIANA EPA, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE DISCOVERY OF THE RELEASE. ALL SPILLS WHICH CONTACT WATERS OF THE STATE MUST BE REPORTED TO THE CURRENT STATE'S EPA.
- SPILL REPORTING REQUIREMENTS: SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LAND FILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. SPILLS SHALL BE REPORTED TO THE INDIANA EPA.
- CONTAINERS SHALL BE PROVIDED FOR THE PROPER COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS USED ON-SITE. CONTAINERS SHALL BE COVERED AND NOT LEAKING. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL. CONSTRUCTION DEMOLITION AND DEBRIS (CD&D) WASTE MUST BE DISPOSED OF AT THE INDIANA EPA APPROVED CD&D LAND FILL.
- PROCESS WASTE WATER/LEACHATE MANAGEMENT : EPA'S CONSTRUCTION GENERAL PERMIT ONLY ALLOWS THE DISCHARGE OF STORM WATER AND DOES NOT INCLUDE OTHER WASTE STREAMS/DISCHARGES SUCH AS VEHICLE AND/OR EQUIPMENT WASHING, ON-SITE SEPTIC LEACHATE CONCRETE WASH OUTS, WHICH ARE CONSIDERED PROCESS WASTEWATERS. ALL PROCESS WASTEWATERS MUST BE COLLECTED AND PROPERLY DISPOSED AT AN APPROVED DISPOSAL FACILITY. IN THE EVENT, LEACHATE OR SEPTAGE IS DISCHARGED; IT MUST BE ISOLATED FOR COLLECTION AND PROPER DISPOSAL AND CORRECTIVE ACTIONS TAKEN TO ELIMINATE THE SOURCE OF WASTE WATER.
- WASTES GENERATED BY CONSTRUCTION ACTIVITIES (I.E. CONSTRUCTION MATERIALS SUCH AS PAINTS, SOLVENTS, FUELS, CONCRETE, WOOD, ETC) MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. HAZARDOUS AND TOXIC SUBSTANCES ARE USED ON VIRTUALLY ALL CONSTRUCTION SITES. GOOD MANAGEMENT OF THESE SUBSTANCES IS ALWAYS NEEDED.
- NO CONSTRUCTION RELATED WASTE MATERIALS ARE TO BE BURIED OR BURNED ON-SITE.
- HANDLING CONSTRUCTION CHEMICALS: MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.
- EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. THESE AREAS MUST BE INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HRS. OF A 0.5 INCH OR GREATER RAIN EVENT TO ENSURE THERE ARE NO EXPOSED MATERIALS WHICH WOULD CONTAMINATE STORM WATER. SITE OPERATORS MUST BE AWARE THAT SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS MAY APPLY. AN SPCC PLAN IS REQUIRED FOR SITES WITH ONE SINGLE ABOVE GROUND TANK OF 860 GALLONS OR MORE, ACCUMULATIVE ABOVE GROUND STORAGE OF 1330 GALLONS OR MORE, OR 42,000 GALLONS OF UNDERGROUND STORAGE. CONTAMINATED SOILS MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REGULATIONS. SPCC PLAN AND APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTAMINATED SOILS: IF SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ETC. ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF AT LICENSED SANITARY LAND FILL OR OTHER APPROVED PETROLEUM CONTAMINATED SOIL REMEDIATION FACILITY (NOT A CONSTRUCTION / DEMOLITION DEBRIS LAND FILL). NOTE THOSE STORM WATER RUNOFFS ASSOCIATED WITH CONTAMINATED SOILS ARE NOT BE AUTHORIZED UNDER CURRENT REGULATIONS OF CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DISCHARGES FROM CONTAMINATED SOILS BY ANY MEANS POSSIBLE, INCLUDING THE FOLLOWING:
 - THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES.
 - PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR WRITTEN APPROVAL OF THE SANITARY SEWER SERVICE OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
 - COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORMWATER FROM COMING INTO CONTACT WITH CONTAMINATED MATERIALS.

TEMPORARY SEEDING

- STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
- TEMPORARY SEEDING / STABILIZATION SHALL BE APPLIED WITHIN THE FOLLOWING TIME FRAMES FOR VARIOUS AREAS OF THE SITE.
 - ANY DISTURBED AREA WITHIN 50 FEET OF A WATERCOURSE AND NOT AT FINAL GRADE SHALL BE SEEDED AND MULCHED WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE, IF THAT AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.
 - ALL CONSTRUCTION ACTIVITIES IN ANY DISTURBED AREA, INCLUDING SOIL STOCKPILES THAT WILL BE IDLE FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A WATERCOURSE SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE IN THE AREA.
 - DISTURBED AREAS THAT WILL BE IDLE OVER THE WINTER SHALL BE SEEDED AND MULCHED PRIOR TO NOVEMBER 1.
- THE SEED BED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. TEMPORARY SEEDING SHOULD NOT BE POSTPONED IF IDEAL SEED BED PREPARATION IS NOT POSSIBLE.
- TEMPORARY VEGETATION SEEDING RATES SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION, WHICH MAY REQUIRE USE OF SOIL AMENDMENTS, BASE RATES FOR LIME AND FERTILIZER SHALL BE USED.
- ALL SEED MIXES AND SEEDING RATES USED SHALL BE APPROVED BY THE LOCAL GOVERNING AUTHORITY AND THE OWNER.
- SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SPREADER, DRILL, CULTIPACKER, SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.
- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH, WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES ON FAVORABLE, VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION. IF MULCH IS USED, FOLLOW THE REQUIREMENTS AND INSTRUCTIONS IN THE MULCH APPLICATION.

MULCH

- MULCH AND OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 21 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.
 - MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - STRAW SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC. OR 90 LB./1,000 SQ. FT. (TWO TO THREE BALES) THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND PLACE TWO 45-LB BALES OF STRAW IN EACH SECTION.
 - WOOD CELLULOSE FIBER SHOULD BE USED AT 2,000 LB/AC. OR 46 LB/1,000 SQ. FT.
 - ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS AND ROLLED EROSION CONTROL PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD MULCH/CHIPS APPLIED AT 10-20 TONS/AC.
 - MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH.
 - USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 INCHES.
 - USE MULCH NETTINGS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING REQUIREMENTS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
 - FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
 - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB/AC. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB/100 GAL. OF WOOD CELLULOSE FIBER.

DUST CONTROL NOTES

- DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION, IF POSSIBLE GRADING SHALL BE DONE BY PHASING IN ORDER TO MINIMIZE THE AMOUNT OF LAND DISTURBANCE AT ONE TIME. IF PHASING IS NOT AN OPTION, DUST SHALL BE CONTROLLED WITH WATER DURING EARTHWORK OPERATIONS. AFTER EARTHWORK OPERATIONS, THE EXPOSED SOILS SHALL BE COVERED WITH STRAW OR MULCH UNTIL SEEDED.
- DUST CONTROL OR DUST SUPPRESSANTS MAY BE USED TO PREVENT NUISANCE CONDITIONS WHEN APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER WATERWAYS. APPLICATION (EXCLUDING WATER) MAY NOT OCCUR WHEN RAIN IS IMMINENT AS NOTED IN THE SHORT TERM FORECAST. OIL MAY NOT BE APPLIED FOR DUST CONTROL.
- SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING:
 - CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
 - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS.
 - SPRAY DISTURBED SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS MAY BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
 - GRADED ROADWAYS AND OTHER SUITABLE AREAS MAY BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
 - EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED TO THE EXTENT POSSIBLE. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO CONTROL AIR CURRENTS AND BLOWING SOIL.
 - WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEED TO ACCOMPLISH SATISFACTORY CONTROL.
 - PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.

DEWATERING

DEWATERING REFERS TO THE ACT OF REMOVING AND DISCHARGING WATER FROM EXCAVATED AREAS ON CONSTRUCTION SITES, UTILITY LINE CONSTRUCTION OR FROM SEDIMENT TRAPS OR BASINS ON CONSTRUCTION SITES, GIVEN THE UNIQUE CONDITIONS AT ANY PARTICULAR CONSTRUCTION SITE, ANY OR ALL OF THE PRACTICES MAY APPLY. IN ALL CASES, EVERY EFFORT SHALL BE MADE TO ELIMINATE SEDIMENT POLLUTION ASSOCIATED WITH DEWATERING.

PRACTICES FOR DEWATERING EXCAVATED AREAS

- PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP IN WHICH THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE CONTAINED WITHOUT DISCHARGE TO RECEIVING WATERS.
- PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP SUCH THAT THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE MANAGED WITHOUT EXCEEDING THE DESIGN OUTFLOW FROM THE SEDIMENT CONTROL STRUCTURE.
- USE OF A STRAW BALE/SILT FENCE PIT OR TRAP AS DESCRIBED HEREIN AND APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
- A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE.
- USE A SUMP PIT TO REDUCE THE PUMPING OF MUD.

DEWATERING OF SEDIMENT TRAPS AND BASINS, IN ALL CASES, WATER REMOVED FROM TRAPS AND BASINS SHALL BE DISCHARGED SO THAT IT PASSES THROUGH A SEDIMENT CONTROL DEVICE APPROVED BY THE LOCAL GOVERNING AUTHORITY PRIOR TO ENTERING RECEIVING WATERS. PRACTICES FOR DEWATERING OF TRAPS AND BASINS MAY INCLUDE SOME OR ALL OF THE FOLLOWING AS MAY BE APPROVED AND APPLICABLE. IN ALL CASES, THE DEWAERING OPERATIONS UTILIZED MUST BE CONTINUOUSLY MONITORED BY THE CONTRACTOR.

- USE OF A STRAW BALE/SILT FENCE PIT OR TRAP.
 - AN EXCAVATED BASIN (APPLICABLE TO "STRAW BALE/SILT FENCE PIT") MAY BE LINED WITH FILTER FABRIC TO HELP REDUCE SCOUR AND TO PREVENT EROSION OF SOIL FROM WITHIN THE STRUCTURE. IT MAY ALSO BE HELPFUL TO DIRECT THE DISCHARGE ONTO A HAY OR STRAW BALE OR RIPRAP.
 - MEASURES SHALL CONSIST OF STRAW BALES, SILT FENCE AND A STONE OUTLET CONSISTING OF A COMBINATION OF 4-8 INCH RIPRAP AND 1/2 TO 2 INCH AGGREGATE AND A WET STORAGE PIT ORIENTED AS SHOWN IN DRAWING.
 - THE EXCAVATED AREA SHOULD BE A MINIMUM OF 3 FEET BELOW THE BASE OF THE PERIMETER MEASURES (STRAW BALES OR SILT FENCE).
 - ONCE THE WATER LEVEL NEARS THE CREST OF THE STONE WEIR (EMERGENCY OVERFLOW), THE PUMP MUST BE STOPPED WHILE THE STRUCTURE DRAINS DOWN TO THE ELEVATION OF THE WET STORAGE.
 - THE WET STORAGE PIT MAY BE DEWATERED ONLY AFTER A MINIMUM OF 6 HOURS OF SEDIMENT SETTLING TIME. THIS EFFLUENT SHOULD BE PUMPED ACROSS A WELL-VEGETATED AREA OR THROUGH A SILT FENCE PRIOR TO ENTERING A WATERCOURSE.
 - ONCE THE DEVICE HAS BEEN REMOVED, GROUND CONTOURS SHALL BE RETURNED TO ORIGINAL CONDITION.
- PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
 - THE BAG SHALL BE INSTALLED ON A VERY SLIGHT SLOPE SO INCOMING WATER FLOWS DOWNHILL THROUGH THE BAG WITHOUT CREATING MORE EROSION.
 - THE INLET OPENING OF THE DEWATERING DEVICE SHALL HAVE A FILL SPOUT LARGE ENOUGH TO ACCOMMODATE THE DISCHARGE HOSE AND SHALL USE TWO STAINLESS STEEL STRAPS TO SECURE THE HOSE AND PREVENT PUMPED WATER FROM ESCAPING WITHOUT BEING FILTERED.
 - THE BAG SHOULD BE PLACED ON AN AGGREGATE OR HAY BALE BED TO MAXIMIZE WATER FLOW THROUGH THE ENTIRE SURFACE AREA OF THE BAG.
 - THE FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR PASS WATER AT A REASONABLE RATE.
 - FLOW RATES VARY DEPENDING ON THE SIZE OF THE DEWATERING DEVICE, AMOUNT OF SEDIMENT DISCHARGED INTO THE DEWATERING DEVICE, THE TYPE OF GROUND, ROCK, OR OTHER SUBSTANCE UNDER THE BAG AND THE DEGREE OF THE SLOPE ON WHICH THE BAG LIES. THE FILTER BAG SHOULD BE SIZED TO ACCOMMODATE THE ANTICIPATED FLOW RATES FROM THE TYPE OF PUMP USED, IN ALL CASES FOLLOW THE MANUFACTURERS RECOMMENDATIONS FOR PUMPING FLOW RATES.
 - THE FILTER BAG CAN BE LEFT IN PLACE AFTER CUTTING THE TOP OFF AND SEEDING AND MULCHING THE ACCUMULATED SEDIMENT OR REMOVED AND DISPOSED OF OFFSITE IN AN APPROVED LANDFILL.
- A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE. SUCH OTHER METHODS AS MAY BE APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- REGARDLESS OF THE TYPE OF TREATMENT, ALWAYS USE A FLOATING SUCTION HOSE TO PUMP THE CLEANER WATER FROM THE TOP OF THE POND, AS THE CLEANER WATER IS PUMPED, THE SUCTION HOSE WILL LOWER AND EVENTUALLY ENCOUNTER SEDIMENT-LADEN WATER. AT THIS POINT CEASE PUMPING OPERATIONS AND REMOVE THE REMAINDER OF THE TRAPPED SEDIMENT WITH MACHINERY. EVEN WHEN PUMPING FROM THE TOP OF THE WATER COLUMN, PROVISIONS MUST STILL BE MADE TO FILTER WATER AS REQUIRED IN THIS SECTION PRIOR TO DISCHARGING TO A STREAM. DURING THE DEWATERING, PERSONNEL SHOULD BE ASSIGNED TO MONITOR PUMPING OPERATIONS AT ALL TIMES TO ENSURE THAT SEDIMENT POLLUTION IS ABATED. PUMPING SEDIMENT-LADEN WATER INTO THE WATERS OF THE STATE WITHOUT FILTRATION IS PROHIBITED.
- THE DEWATERING DEVICE MUST BE SIZED (AND OPERATED) TO ALLOW PUMPED WATER TO FLOW THROUGH THE FILTERING APPARATUS WITHOUT EXCEEDING THE CAPACITY OF THE STRUCTURE.



520 South Main Street, Suite 2531
Akron, OH 44311
530.572.2100 Fax 530.572.2101

DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131

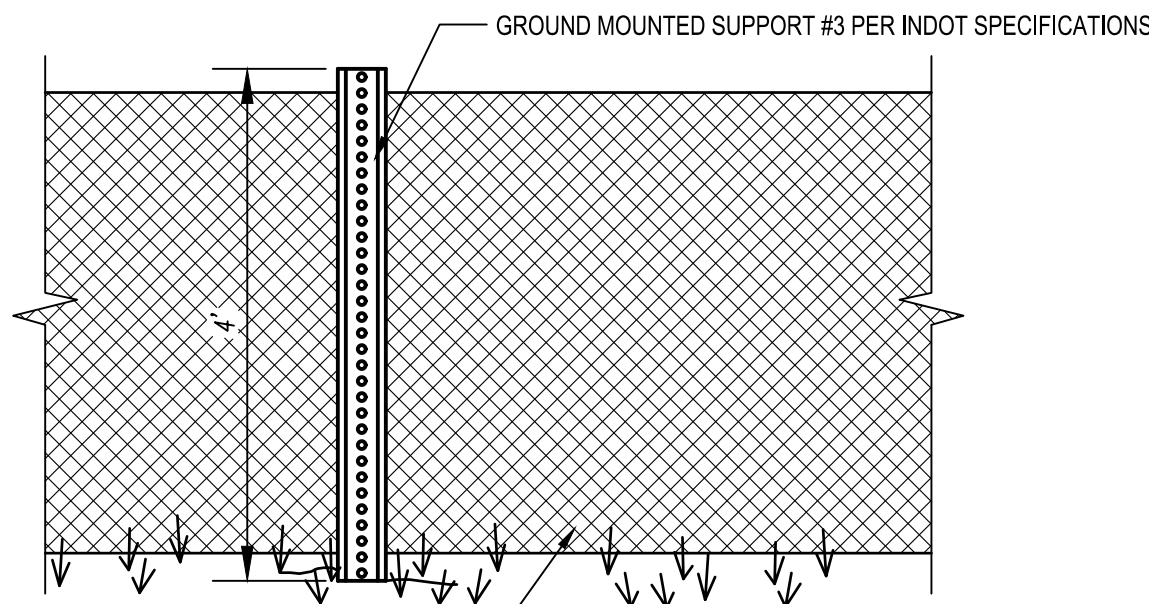


ENDEAVOR 2.0

SWPP NOTES

C-010

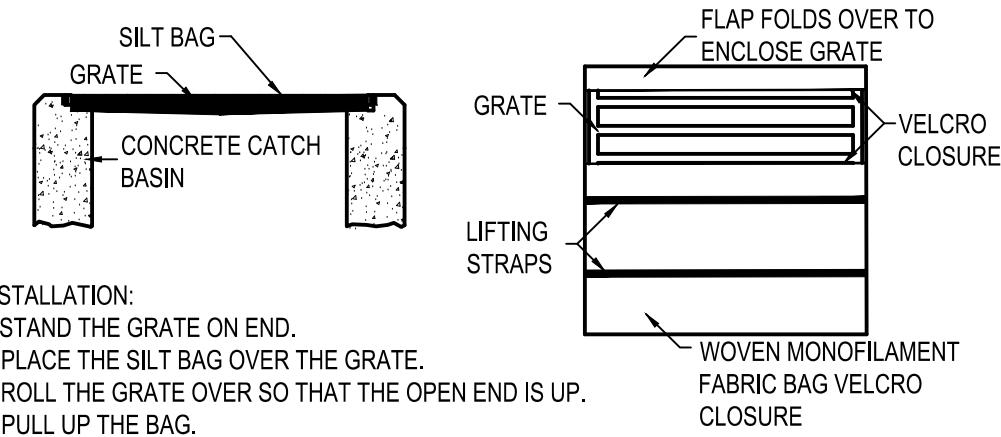
PLOT DATE:



NOTE: PLASTIC PROTECTION FENCING, INSTALL WHERE SHOWN ON PLAN SHEETS.

1. FENCING SHALL BE USED FOR TREE PROTECTION AND AS NECESSARY TO PROTECT WORK AREAS.

C1 TREE PROTECTION FENCE
N.T.S.



INSTALLATION:

1. STAND THE GRATE ON END.
2. PLACE THE SILT BAG OVER THE GRATE.
3. ROLL THE GRATE OVER SO THAT THE OPEN END IS UP.
4. PULL UP THE BAG.
5. TUCK THE FLAP IN.
6. PRESS THE VELCRO STRAPS TOGETHER.
7. BE SURE THAT THE END OF THE GRATE IS COMPLETELY COVERED BY THE FLAP OR THE SILT BAG WILL NOT WORK PROPERLY.
8. HOLDING THE HANDLES, CAREFULLY PLACE THE SILT BAG WITH THE GRATE INSERTED INTO THE CATCH BASIN FRAME.

MAINTENANCE:

TO INSURE PROPER OPERATION REMOVE SILT, SEDIMENT, AND DEBRIS FROM THE SURFACE AND THE VICINITY OF THE UNIT WITH A SQUARE POINT SHOVEL OR STIFF BRISTLE BROOM AWAY FROM ENVIRONMENTALLY SENSITIVE AREAS AND WATERWAYS IN MANNER SATISFACTORY TO THE ENGINEER/INSPECTOR. REMOVE FINE MATERIAL FROM INSIDE SILT BAG AS NEEDED. DISPOSE OF SILT BAG NO LONGER IN USE AT AN APPROPRIATE RECYCLING OR SOLID WASTE FACILITY.

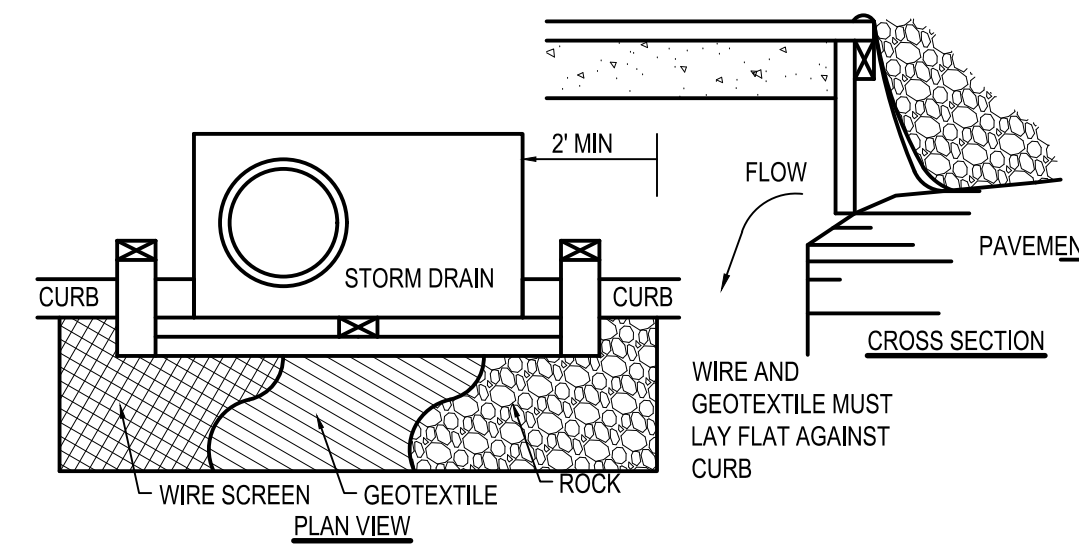
INLET INSPECTION:

TO INSPECT INLET, REMOVE SILT BAG WITH GRATE INSIDE. INSPECT CATCH BASIN AND REPLACE SILT BAG BACK INTO GRATE FRAME.

NOTE:

PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. THE SILT BAG MUST NEVER BE USED WHERE OVERFLOW MAY ENDANGER AN EXPOSED SLOPE.

C3 SILT BAG PROTECTION
N.T.S.



1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL.

2. CONSTRUCT A WOODEN FRAME OF 2-BY-4-IN. CONSTRUCTION-GRADE LUMBER. THE END SPACERS SHALL BE A MINIMUM OF 1 FT. BEYOND BOTH ENDS OF THE THROAT OPENING. THE ANCHORS SHALL BE NAILED TO 2-BY-4-IN. STAKES DRIVEN ON THE OPPOSITE SIDE OF THE CURB.

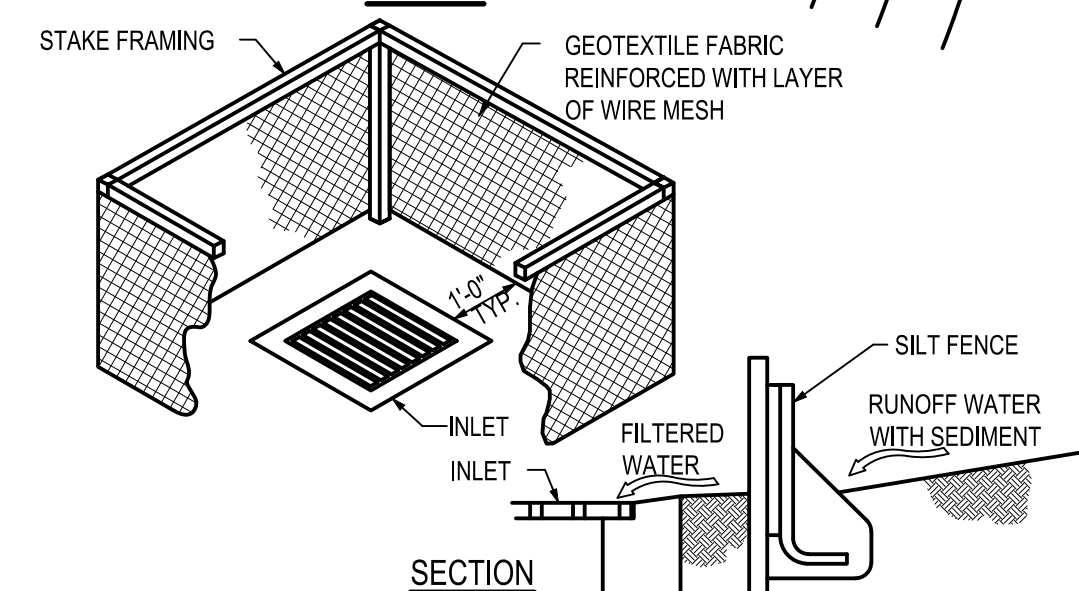
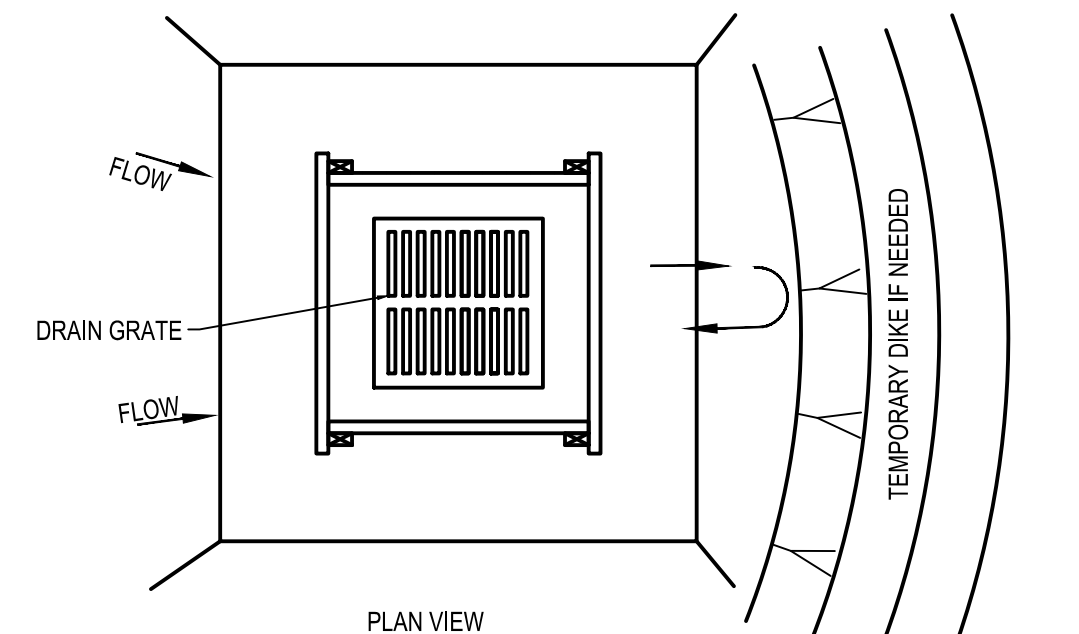
3. THE WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC AND STONE. IT SHALL BE A CONTINUOUS PIECE WITH A MINIMUM WIDTH OF 30 IN. AND 4 FT. LONGER THAN THE THROAT LENGTH OF THE INLET, 2 FT. ON EACH SIDE.

4. GEOTEXTILE CLOTH SHALL HAVE AN EQUIVALENT OPENING SIZE (EOS) OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE AT LEAST THE SAME SIZE AS THE WIRE MESH.

5. THE WIRE MESH AND GEOTEXTILE CLOTH SHALL BE FORMED TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET AND SECURELY FASTENED TO THE 2-BY-4-IN. FRAME.

6. TWO-INCH STONE SHALL BE PLACED OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE CLOTH. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE STONE AND/OR GEOTEXTILE REPLACED WHEN CLOGGED WITH SEDIMENT.

C4 CURB INLET PROTECTION
N.T.S.



NOTES:

1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
2. SILT FENCE SHALL BE GEOTEXTILE FABRIC, PER STATE'S DEPARTMENT OF TRANSPORTATION STANDARDS, AND SHOULD BE CUT FROM A CONTINUOUS ROLL TO AVOID JOINTS.
3. STAKES SHALL BE 1" X 2" WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET. STAKES SHALL BE SPACED AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND SECURELY DRIVEN INTO THE GROUND (MINIMUM OF 8 INCHES). THE TOP OF THE FRAME SHALL BE AT LEAST 6 IN. BELOW ADJACENT ROADS IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
5. THE SILT FENCE SHALL BE STAPLED WITH HEAVY DUTY WIRE STAPLES AT LEAST 1/2 INCH LONG, TO THE WOODEN STAKES, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE HEIGHT OF THE FILTER BARRIER SHALL BE A MINIMUM OF 15 INCHES AND SHALL NOT EXCEED 18 INCHES (PLATE 1.08B).
6. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
7. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
8. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 IN. LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
9. A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION AND IF RUNOFF BYPASSING THE INLET WILL NOT FLOW TO A SETTLING POND. THE TOP OF EARTH DIKES SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.

MAINTENANCE:

SILT FENCE SHOULD BE INSPECTED REGULARLY AND FREQUENTLY AS WELL AS AFTER EACH RAINFALL EVENT TO INSURE THAT THEY ARE INTACT AND THERE ARE NO GAPS AT THE FENCE-GROUND INTERFACE OR TEARS ALONG THE LENGTH OF THE FENCE. IF GAPS OR TEARS ARE FOUND, THEY SHOULD BE REPAIRED OR THE FABRIC REPLACED IMMEDIATELY. ACCUMULATED SEDIMENTS SHOULD BE REMOVED FROM THE FENCE BASE WHEN THE SEDIMENT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE FENCE. SEDIMENT REMOVAL SHOULD OCCUR MORE FREQUENTLY IF ACCUMULATED SEDIMENT IS CREATING NOTICEABLE STRAIN ON THE FABRIC AND THERE IS THE POSSIBILITY OF THE FENCE FAILING FROM A SUDDEN STORM EVENT. WHEN THE SILT FENCE IS REMOVED, THE ACCUMULATED SEDIMENT SHOULD BE REMOVED.

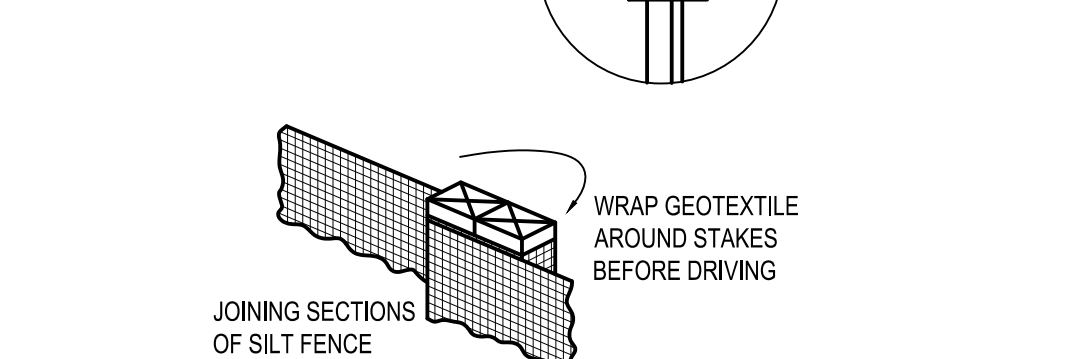
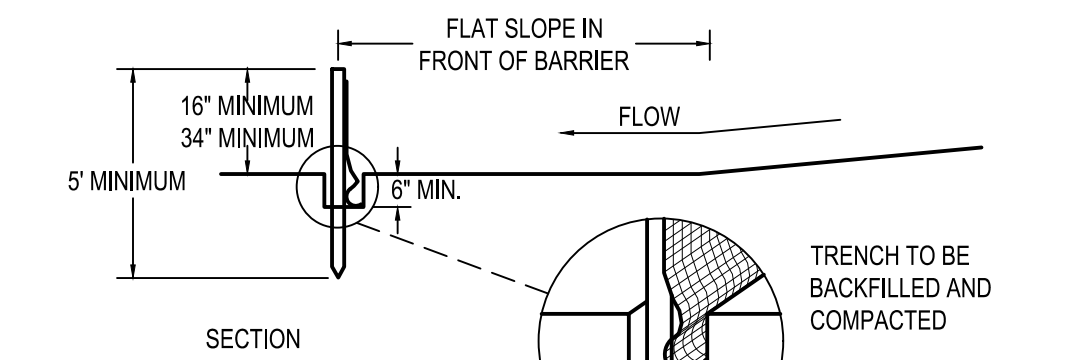
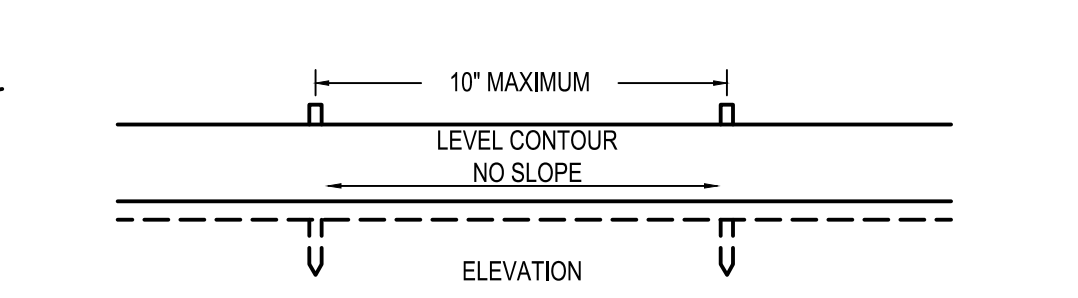
A4 SILT BARRIER
N.T.S.

NOTES:

- 1) SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- 2) ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- 3) TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
- 4) WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
- 5) WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- 6) THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 IN. ABOVE THE ORIGINAL GROUND SURFACE.
- 7) THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND SECURELY SEALED.
- 8) POSTS SHALL BE A MINIMUM OF 5 FEET LONG, 2 INCHES IN DIAMETER AND SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
- 9) THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
- 10) THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 IN. OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6 IN. DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
- 11) WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.
- 12) THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE. AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- 13) SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
- 14) SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: A) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, B) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR C) OTHER PRACTICES SHALL BE INSTALLED.

MAINTENANCE:

SILT FENCE SHOULD BE INSPECTED REGULARLY AND FREQUENTLY AS WELL AS AFTER EACH RAINFALL EVENT TO INSURE THAT THEY ARE INTACT AND THERE ARE NO GAPS AT THE FENCE-GROUND INTERFACE OR TEARS ALONG THE LENGTH OF THE FENCE. IF GAPS OR TEARS ARE FOUND, THEY SHOULD BE REPAIRED OR THE FABRIC REPLACED IMMEDIATELY. ACCUMULATED SEDIMENTS SHOULD BE REMOVED FROM THE FENCE BASE WHEN THE SEDIMENT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE FENCE. SEDIMENT REMOVAL SHOULD OCCUR MORE FREQUENTLY IF ACCUMULATED SEDIMENT IS CREATING NOTICEABLE STRAIN ON THE FABRIC AND THERE IS THE POSSIBILITY OF THE FENCE FAILING FROM A SUDDEN STORM EVENT. WHEN THE SILT FENCE IS REMOVED, THE ACCUMULATED SEDIMENT SHOULD BE REMOVED.



CRITERIA FOR GEOTEXTILE FABRIC SILT FENCE, PER CURRENT STATE'S DOT SPECIFICATIONS.

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LB. MINIMUM	ASTM D 4632
MINIMUM BURST STRENGTH	200 PSI MINIMUM	
MINIMUM PERMITTIVITY	1x10 ⁻² sec-1	ASTM D 4491
APPARENT OPENING SIZE	AOS ≤ 0.84 mm	ASTM D 4751
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4335
MAXIMUM ELONGATION AT 60 LBS.	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220N)	ASTM D 4633
MINIMUM TEAR STRENGTH	40 LBS (180N)	ASTM D 4533

A5 SILT FENCE
N.T.S.

CONSTRUCTION ENTRANCE NOTES

1. STONE SIZE - NO. 2 STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
3. PAVEMENT THICKNESS - STONE LAYER SHALL BE 6" THICK FOR STANDARD DUTY ACTIVITY AND 10" THICK FOR HEAVY DUTY ACTIVITY.
4. DRIVEWAY WIDTH - THE ENTRANCE SHALL BE AT LEAST 20' WIDE. CONTRACTOR SHALL ENSURE ALL VEHICLES UTILIZE THE CONSTRUCTION ENTRANCE UNTIL PAVEMENT IS IN PLACE.
5. BEDDING-A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE SPECIFICATIONS SHOWN BELOW.
6. CULVERT-A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
9. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.
10. THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS

MATERIAL TYPE	3 mil HDPE	5 mil HDPE	5 mil HDPE	MULTI-FILAMENT POLYPROPYLENE (MPPP)	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE (MPPP)
MATERIAL CHARACTERISTICS	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE	BIO-DEGRADABLE	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE
SOCK DIAMETERS	12" 18"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"
TENSILE STRENGTH		26 PSI	28 PSI	44 PSI	202 PSI
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	% AT 1000 HR.	23% AT 1000 HR.		100% AT 1000 HR.	100% AT 1000 HR.
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

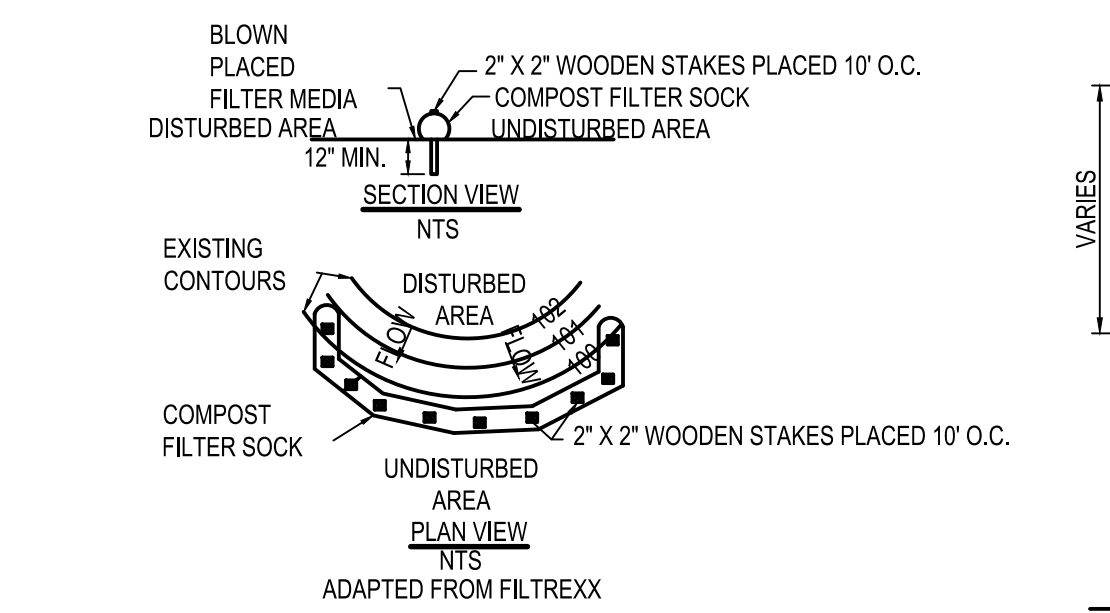
TWO-PLY SYSTEMS

INNER CONTAINMENT NETTING	HDPE BIAXIAL NET CONTINUOUSLY WOUND
	FUSION-WELDED JUNCTURES
	3/4" X 3/4" MAX. APERTURE SIZE
OUTER FILTRATION MESH	COMPOSITE POLYPROPYLENE FABRIC (WOVEN LAYER & NON-WOVEN FLEECE MECHANICALLY FUSED VIA NEEDLE PUNCH)
	3/16" MAX. APERTURE SIZE

SOCK FABRICS COMPOSED OF BURLAP MAY BE USED ON PROJECTS LASTING 6 MONTHS OR LESS

COMPOST SHALL MEET THE FOLLOWING STANDARDS:

ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5 - 8.0
MOISTURE CONTENT	35% - 55%
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 gS MAXIMUM



1. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT.

2. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.

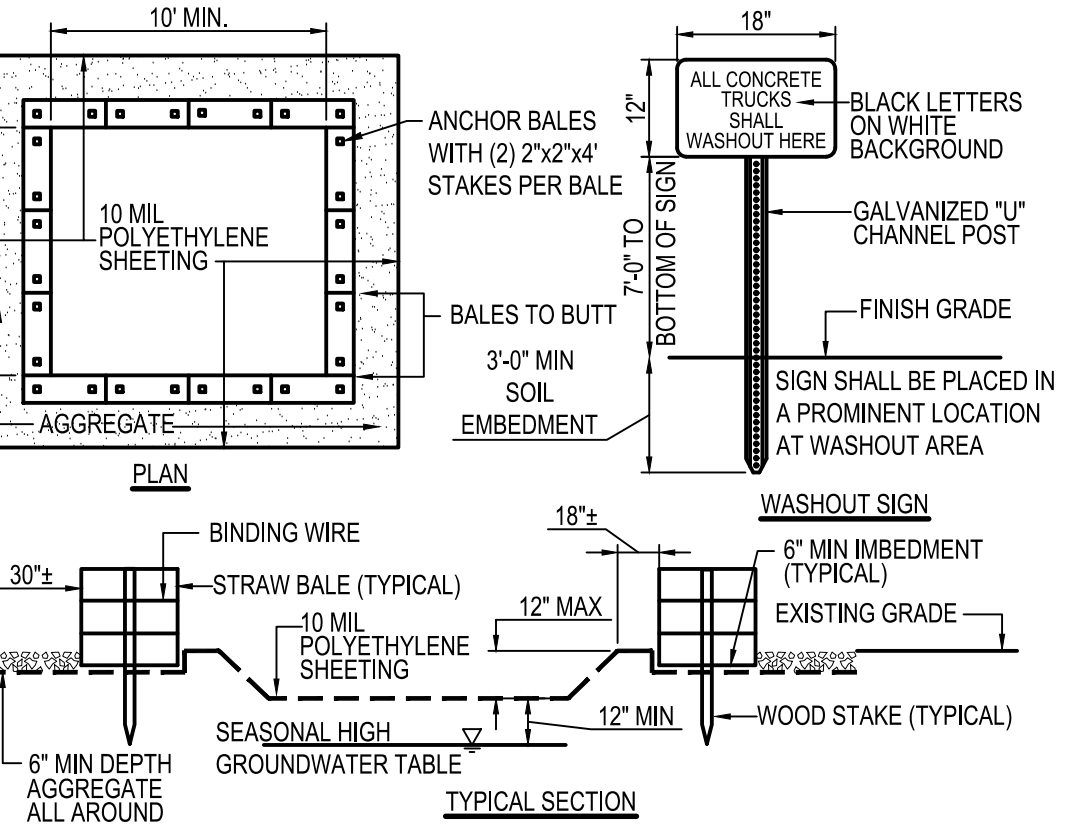
3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

4. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH 1/2 INCH STORM RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

5. BIODEGRADABLE FILTER SOCK SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

6. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

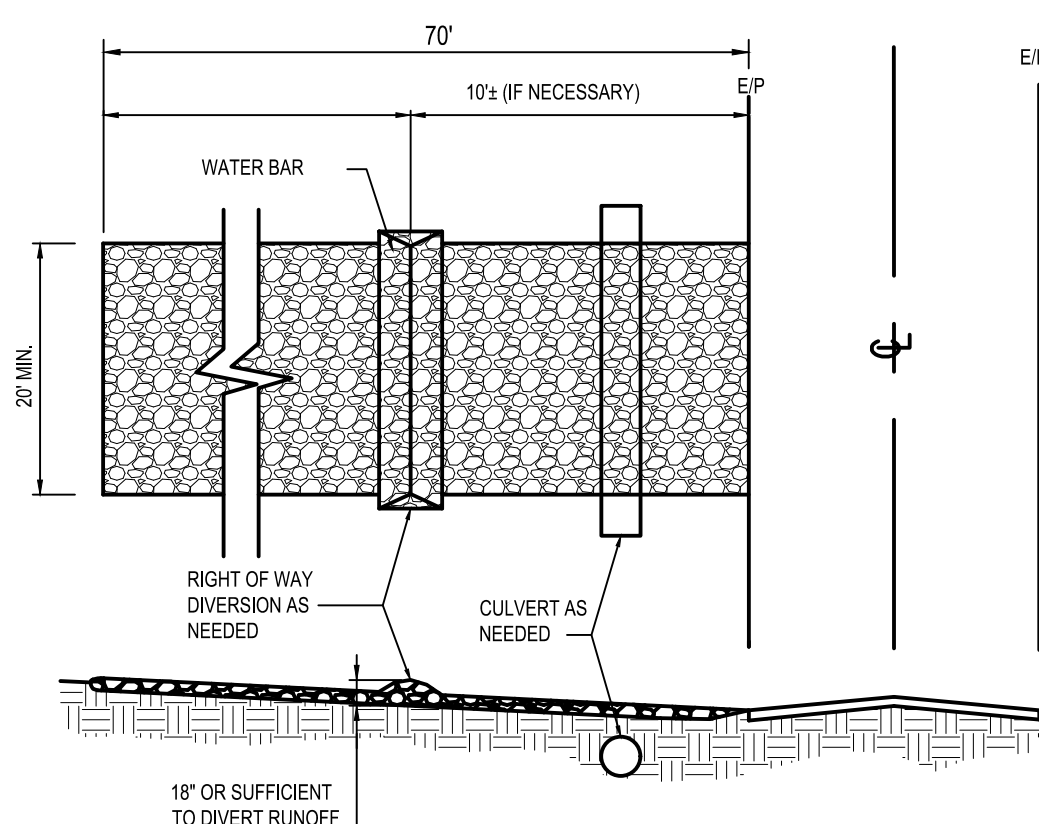
A2 COMPOST FILTER SOCK
N.T.S.



NOTES:

1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.
4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

A3 CONCRETE WASHOUT AREA
N.T.S.



A1 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0

SWPP DETAILS

C-011

PLOT DATE:



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO.: 2101134995

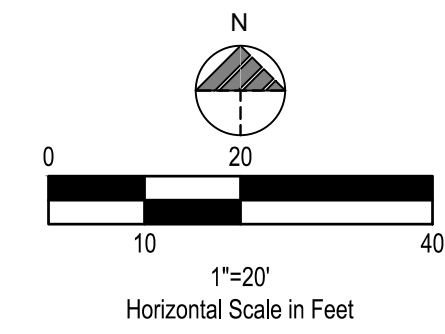
BENCHMARKS:
 STATE PLANE GRID NORTH, NAD 83 (2011), INDIANA EAST ZONE. ELEVATIONS ARE NAVD 88, GEOID 12B. TIED BY GNSS TO THE I.N.D.O.T. VRS.
 BENCHMARK #1 - BOX CUT E-SIDE LIGHTPOLE BASE
 N 1546573, E 216072
 ELEVATION=752.05
 BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE
 N 1546534, E 215831
 ELEVATION=751.11
 BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
 N 1546756, E 215806
 ELEVATION=750.40

SWPP KEYNOTES

- [LOD] LIMITS OF DISTURBANCE
- [TS] TEMPORARY SEEDING
- [PS] PERMANENT SEEDING
- [CW] CONCRETE WASHOUT AREA
- [SF] SILT FENCE
- [CE] CONSTRUCTION ENTRANCE
- [IP] INLET PROTECTION
- [TP] TREE PROTECTION FENCE

LEGEND

- (SEE SHEET C-001 FOR GENERAL LEGEND)
- [Symbol] PROPOSED SILT BARRIER REFER TO SWPP DETAILS
 - [Symbol] PROPOSED SILT FENCE REFER TO SWPP DETAILS
 - [Symbol] PROPOSED CONSTRUCTION ENTRANCE REFER TO SWPP DETAILS
 - [Symbol] PROPOSED CONCRETE WASHOUT FACILITY REFER TO SWPP DETAILS



CONSTRUCTION SEQUENCE

1. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED. A GENERAL CONSTRUCTION SEQUENCE FOLLOWS AND MAY NEED TO BE UPDATED BY THE CONTRACTOR TO SUIT THE SPECIFICS OF THE SITE AND INTENDED CONTRACTOR SPECIFIC SEQUENCING.
- 1.1. INSTALL CONSTRUCTION ENTRANCE AS DETAILED ON PLANS. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED AROUND PERIMETER OF CONSTRUCTION SITE. WHERE THERE IS EXISTING FENCE ALONG THE PERIMETER OF THE SITE, IT CAN BE UTILIZED. FENCING SHALL BE USED TO RESTRICT OUTSIDE TRAFFIC TO SITE.
- 1.2. DELIVER CONSTRUCTION TRAILER TO SITE AND INSTALL TEMPORARY POWER AND TELEPHONE, IF REQUIRED. TEMPORARY UTILITY SERVICES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 1.3. STAKE AND/OR FLAG LIMITS OF CLEARING.
- 1.4. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS. INSTALL SILT PERIMETER CONTROLS AS SHOWN ON PLANS. SILT PERIMETER CONTROLS SHALL BE INSTALLED LEVEL, ALONG THE CONTOURS, WITH ENDS TURNED UPSLOPE TO PREVENT CONCENTRATED FLOW AT THE SILT PERIMETER CONTROLS.
- 1.5. INSTALL TEMPORARY SILT INLET PROTECTION ON ALL EXISTING CATCH BASINS AND INLETS, AS DESIGNATED IN THE PLANS. REMOVAL OF SILT INLET PROTECTION FROM DESIGNATED INLETS CAN ONLY OCCUR WHEN A STRUCTURE IS REMOVED, AND AS REQUIRED BY THE PROGRESSION OF THE DEMOLITION AND CONSTRUCTION.
- 1.6. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF TEMPORARY SEDIMENT TRAP/BASIN. INSTALL TEMPORARY SEDIMENT TRAP/BASIN, IF REQUIRED, AS DETAILED IN THE PLANS. CONSTRUCT AND MAINTAIN TEMPORARY DIVERSION SWALE AND / OR DIVERSION BERM DURING FILLING & GRADING ACTIVITIES.
- 1.7. CLEAR & GRUB THE REMAINING SITE AS NECESSARY. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR REUSE, OR REMOVED TO AN APPROVED OFFSITE SPOIL AREA.
- 1.8. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.
- 1.9. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
- 1.10. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION.
- 1.11. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS, INSTALL REQUIRED INLET PROTECTION.
- 1.12. DO NOT REPLACE ANY TOPSOIL. SEED OR INSTALL FINAL PAVEMENT PRIOR TO COMPLETION OF BUILDING SHELL. SHOULD SITEWORK BE COMPLETED PRIOR TO THIS DATE, MULCH DISTURBED AREAS TO BE PLANTED AND INSTALL STONE SUBBASE IN DISTURBED AREAS TO BE PAVED.
- 1.13. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.
- 1.14. COMPLETE SITEWORK, PAVEMENT MARKINGS AND FINAL CLEAN-UP. RESEED ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A MINIMUM 80% VEGETATIVE DENSITY HAS BEEN ACHIEVED.
- 1.15. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED. ALL AREAS OF VEGETATIVE SURFACE, WHETHER PERMANENT OR TEMPORARY, SHALL BE CONSIDERED TO BE IN PLACE AND FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.
- 1.16. REMOVE SEDIMENT CONTROLS.

PROJECT DESCRIPTION

THIS SITE WAS HOME TO AN EXISTING TACO BELL AND PARKING LOT WHICH WILL BE DEMOLISHED AND REPLACED WITH A NEW TACO BELL BUILDING AND PARKING LOT AS SHOWN ON THESE PLANS.

PROJECT COMPLETION STATISTICS

PARCEL SIZE:	0.77 ACRES
TOTAL DISTURBED AREA:	0.81 ACRES
EXISTING LAND USE FOR THE SITE IS A RESTAURANT BUILDING WITH PARKING LOT.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.51 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	66.2%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.714
PROPOSED LAND USE WILL BE A RESTAURANT BUILDING WITH PARKING LOT IMPROVEMENTS.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.46 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	59.7%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.668

PROJECT LOCATION:

LATITUDE	LONGITUDE
39°29'39" N	86°03'51" W

EXISTING SITE SOIL TYPES:

Udla: URBAN LAND-CROSBY SILT LOAM COMPLEX, FINE-LOAMY SUBSOIL, 0 TO 2%.
 REFERENCE: USDA NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.

WETLAND INFORMATION:

THERE ARE NO WETLANDS ON THIS SITE.

FIRST AND SUBSEQUENT RECEIVING STREAM:

INITIAL RECEIVING WATER IS TWO DIFFERENT CITY STORM SEWERS AND THE SUBSEQUENT RECEIVING WATER IS THE AN UNNAMED TRIBUTARY.

OWNER CONTACT:

CLINT LANGLEY
 104 LISA COURT
 MCMURRAY, PA 15317
 724.263.7757

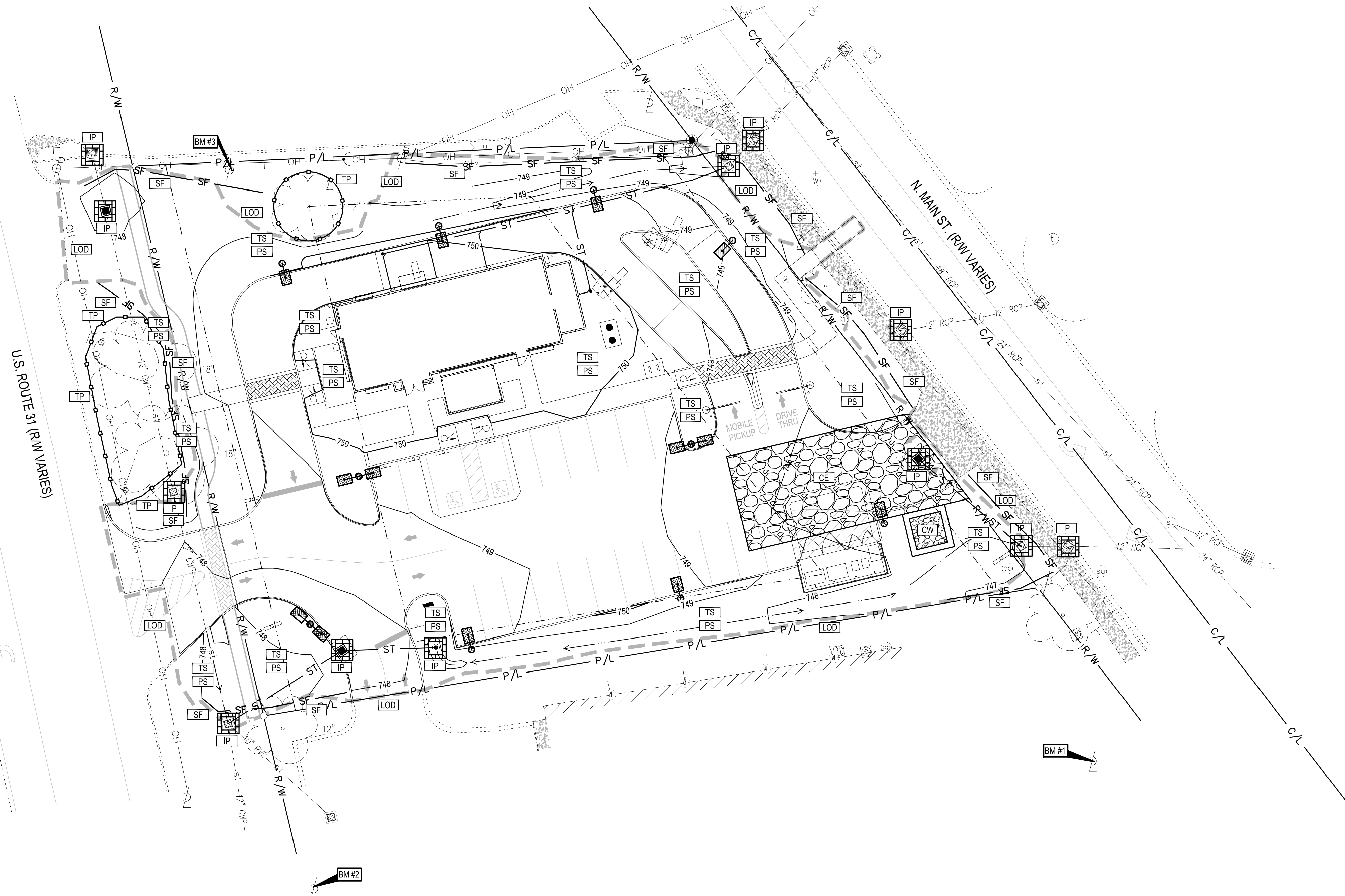
ANTICIPATED TIMING:

CONSTRUCTION BEGIN:	TBD
CONSTRUCTION COMPLETE:	TBD

CONTRACTOR: T.B.D.

CONTACT: _____
 PHONE NUMBER: _____

CONTRACTOR SHALL MAINTAIN A CONSTRUCTION LOG DOCUMENTING ALL GRADING AND STABILIZATION ACTIVITIES.



520 South Main Street, Suite 2531
 Akron, OH 44311
 330.572.2100 Fax 330.572.2101

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TACO BELL

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 FRANKLIN, IN 46131

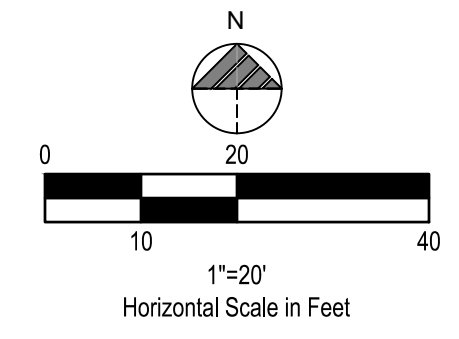


ENDEAVOR 2.0

SWPP PLAN

C-012

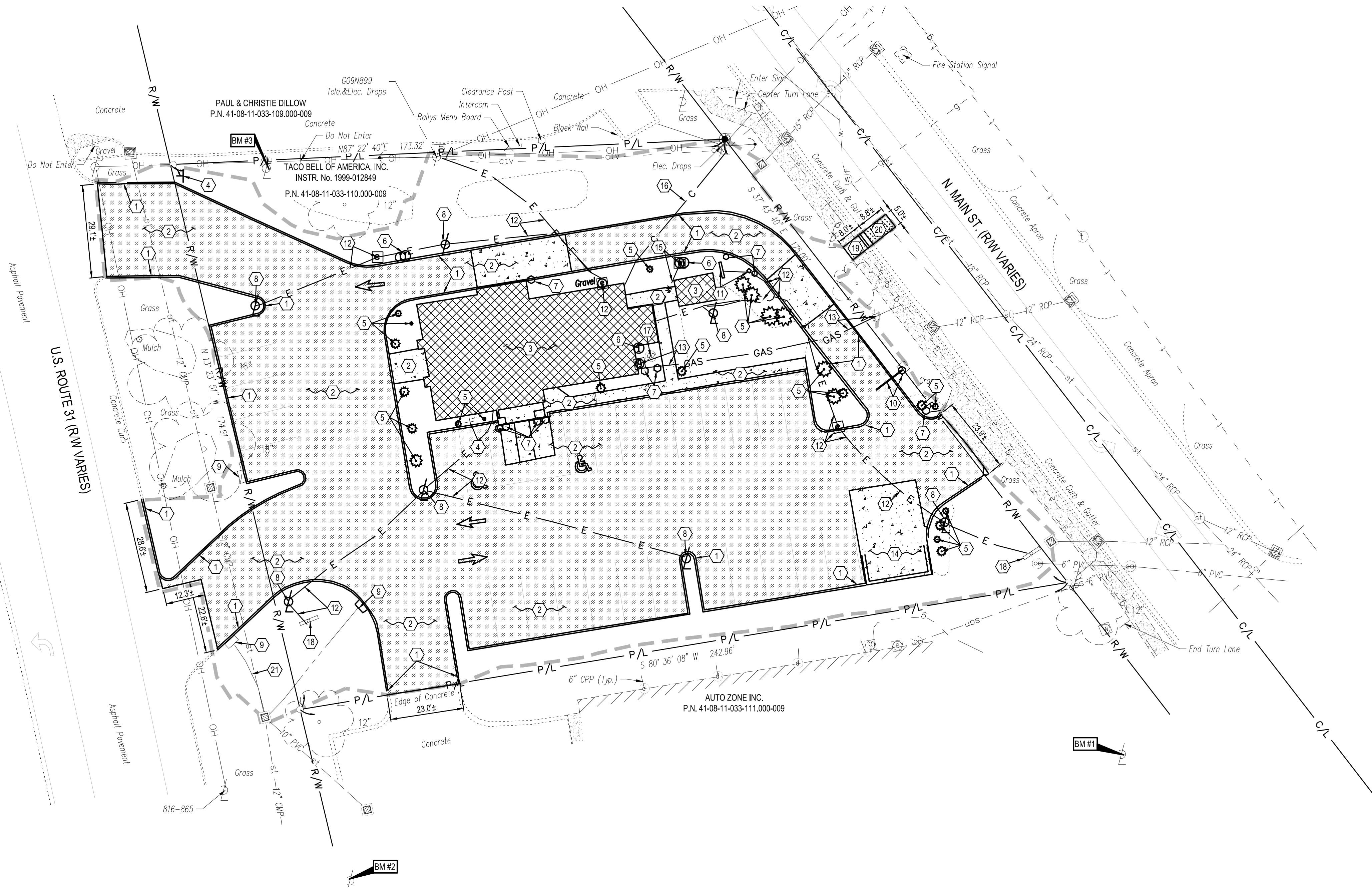
PLOT DATE:



- LEGEND**
(SEE SHEET C-001 FOR GENERAL LEGEND)
- EXISTING ASPHALT TO BE REMOVED
 - EXISTING CONCRETE TO BE REMOVED
 - EXISTING BUILDING/STRUCTURE TO BE REMOVED
 - EXISTING ASPHALT ROAD PAVEMENT TO BE REMOVED
 - DENOTES LIMITS OF SAWCUT
 - DEMOLITION KEYNOTE
 - LIMITS OF DISTURBANCE

- PLAN KEYNOTES (#)**
1. EXISTING CURB TO BE SAWCUT AND REMOVED.
 2. EXISTING PAVEMENT TO BE SAWCUT AND REMOVED.
 3. EXISTING BUILDING/STRUCTURE TO BE REMOVED.
 4. EXISTING SIGNAGE TO BE REMOVED.
 5. EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO BE REMOVED.
 6. EXISTING IRRIGATION VALVES TO BE REMOVED.
 7. EXISTING POST / BOLLARD TO BE REMOVED.
 8. EXISTING LIGHT POLES TO BE REMOVED.
 9. EXISTING CURB OPENINGS TO BE REMOVED.
 10. EXISTING CLEARANCE BAR AND FOUNDATION TO BE REMOVED.
 11. EXISTING MENU BOARD AND APPURTENANCES TO BE REMOVED.
 12. EXISTING ELECTRIC METER, PULLBOX, AND SERVICE TO BE REMOVED.
 13. EXISTING GAS METER AND SERVICE TO BE REMOVED TO EXISTING VALVE.
 14. EXISTING TRASH ENCLOSURE AND PAD TO BE REMOVED.
 15. EXISTING WATER METER AND SERVICE TO BE REMOVED.
 16. EXISTING TELEPHONE/ CABLE SERVICE TO BE REMOVED.
 17. EXISTING SANITARY MANHOLE TO BE REMOVED.
 18. EXISTING TACO BELL PYLON SIGN TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
 19. EXISTING CONCRETE WALK AND CURB TO BE REMOVED FOR INSTALLATION OF WATER MAIN. CONTRACTOR TO RESTORE PER CITY OF FRANKLIN STANDARDS.
 20. EXISTING ASPHALT ROAD PAVEMENT TO BE REMOVED FOR INSTALLATION OF WATER MAIN. CONTRACTOR TO RESTORE PER CITY OF FRANKLIN STANDARDS.
 21. CONTRACTOR SHALL EXTEND AND CONNECT EXISTING DAYLIGHTED UNDERDRAIN PIPE TO EXISTING CATCH BASIN.

DEMOLITION NOTE:
ALL EXISTING SITE AND SURROUNDING FEATURES SUCH AS UTILITIES, PAVEMENT, CURB, LANDSCAPING, ETC. SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE, OR ARE REQUIRED TO BE MODIFIED OR REMOVED FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. ALL DISTURBED FEATURES SHALL BE RESTORED OR RELOCATED AS REQUIRED TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL REPAIR/REPLACE ANY SURROUNDING FEATURES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.



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UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO.: 2101134995

BENCHMARKS:
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ELEVATION=752.05
BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE
N 1546534, E 215831
ELEVATION=751.11
BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
N 1546756, E 215806
ELEVATION=750.40

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
DEMOLITION PLAN

C-101
PLOT DATE:



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO. 2101134995

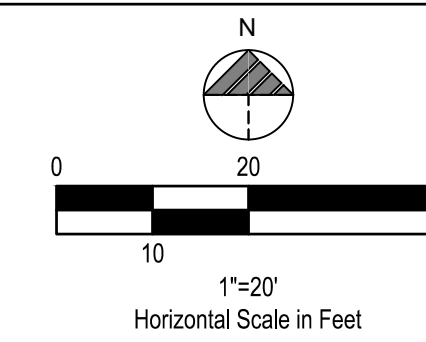
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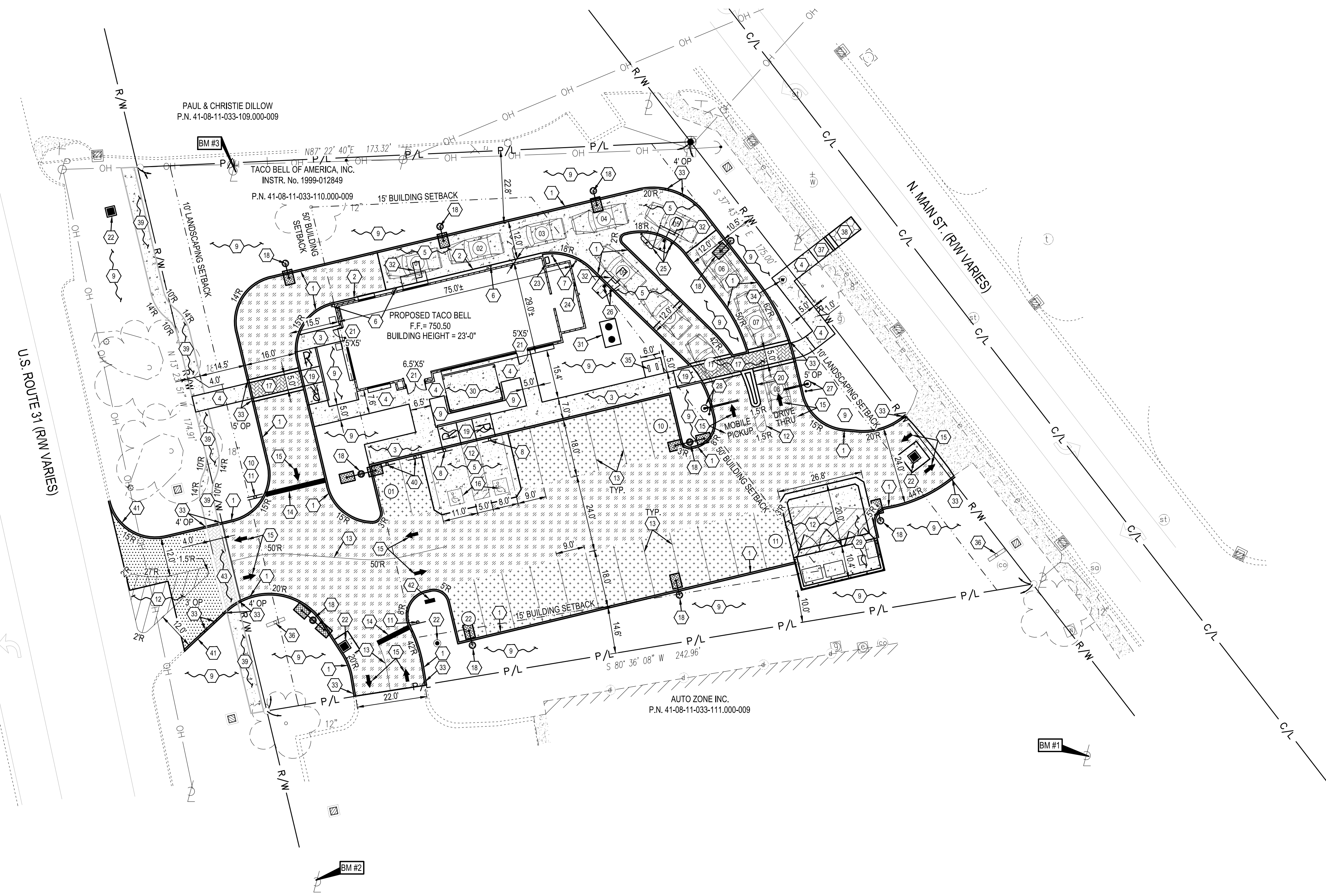
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ELEVATION=751.11

BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
N 1546756, E 215806
ELEVATION=750.40



LEGEND
(SEE SHEET C-001 FOR GENERAL LEGEND)

- PROPOSED STANDARD DUTY ASPHALT PER ASPHALT PAVEMENT TABLE THIS SHEET AND SHEET C-501.
- PROPOSED HEAVY DUTY ASPHALT PER ASPHALT PAVEMENT TABLE THIS SHEET AND SHEET C-501.
- PROPOSED INDOT ASPHALT PER ASPHALT PAVEMENT TABLE THIS SHEET AND SHEET C-501.
- PROPOSED CONCRETE
- CONSTRUCTION KEYNOTE
- PROPOSED PARKING SPACE NUMBER
- PROPOSED DRIVE THRU STACK CAR AND NUMBER



PLAN KEYNOTES

1. PROPOSED P.C.C. CURB, SEE SHEET C-501.
2. PROPOSED CURB AT DRIVE THRU, SEE SHEET C-501.
3. PROPOSED P.C.C. CURBED WALK, SEE SHEET C-501.
4. PROPOSED P.C.C. WALK, SEE SHEET C-501.
5. PROPOSED 6" P.C.C. PAVEMENT W/ W.F. 6" x 6" W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER 6" CRUSHED AGGREGATE OR GRAVEL BASE. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
6. PROPOSED DETERRENT BOLLARD IN CURB, SEE SHEET C-501.
7. PROPOSED DETERRENT BOLLARD, SEE SHEET C-501.
8. PROPOSED ADA PARKING SIGN IN DETERRENT BOLLARD, SEE SHEET C-501.
9. PROPOSED LANDSCAPING AREA. SOD ALL DISTURBED AREAS EXCEPT WHERE PLANTING BEDS ARE INDICATED. SEE SHEET L-101.
10. PROPOSED 'DO NOT ENTER' SIGN PER INDOT STANDARDS AND SHEET C-501.
11. PROPOSED 'STOP' SIGN PER INDOT STANDARDS AND SHEET C-501.
12. PROPOSED PAINTED TRANSVERSE STRIPING, SEE SHEET C-501.
13. PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE.
14. PROPOSED PAINTED 18" WIDE STOP BAR - WHITE ON ASPHALT.
15. PROPOSED DIRECTIONAL PAVEMENT MARKINGS - WHITE ON ASPHALT, YELLOW ON CONCRETE. BLUE FOR ADA - SEE SHEET C-501. CONTRACTOR TO OBTAIN STENCILS FROM PAVEMENT MARKINGS VENDOR FOR TEXT PAVEMENT MARKINGS.
16. PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS AND SHEET C-502.
17. PROPOSED BRICK PAVERS, SEE SHEET C-502.
18. PROPOSED LIGHT POLE AND FOUNDATION. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
19. PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS AND SHEET C-502.
20. PROPOSED ROLLED CURBED CONCRETE ISLAND SEE SHEET C-502.
21. PROPOSED FROST SLAB AT DOOR. SEE STRUCTURAL PLANS FOR DETAIL.
22. PROPOSED STORM STRUCTURES, SEE SHEET C-131 FOR DESIGN INFORMATION.
23. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
24. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
25. PROPOSED MENU BOARD, SPEAKER POST, AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-503. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD, SPEAKER POST, AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL.
26. PROPOSED SPEAKER POST AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-503. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF SPEAKER POST AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL.
27. PROPOSED EVOLUTION PORTAL CLEARANCE BAR "ORDER HERE", SEE SHEET C-503. CONTRACTOR SHALL PLACE BANNER IN PERPENDICULAR POSITION ON POST.
28. PROPOSED EVOLUTION PORTAL CLEARANCE BAR "MOBILE PICKUP", SEE SHEET C-503. CONTRACTOR SHALL PLACE BANNER IN PERPENDICULAR POSITION ON POST.
29. PROPOSED MASONRY DUMPSTER ENCLOSURE ON P.C.C. PAD OVER CRUSHED AGGREGATE OR GRAVEL BASE, SEE ARCHITECTURAL PLANS. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
30. PROPOSED PATIO SEE ARCHITECTURAL PLANS.
31. PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR, SEE SHEET C-504.
32. PROPOSED SENSOR LOOP. SEE ELECTRICAL DRAWINGS FOR DETAILS.
33. PROPOSED 1" CURB TAPER, SEE SHEET C-502.
34. PROPOSED WATER METER, SEE SHEET C-131 FOR INFORMATION.
35. PROPOSED BIKE RACK, SEE SHEET C-502.
36. EXISTING PYLON SIGNS TO BE REFACED. CONTRACTOR TO COORDINATE WITH SIGN VENDOR.
37. PROPOSED CURBED WALK PER CITY OF FRANKLIN STANDARDS.
38. PROPOSED PAVEMENT REPLACEMENT PER CITY OF FRANKLIN STANDARDS.
39. PROPOSED CONCRETE SIDEWALK PER INDOT STANDARD DRAWING E-604-SDWK-01. PROPOSED WALK TO BE INSTALLED UNDER SEPARATE CONTRACT IN THE FUTURE. OWNER TO COORDINATE FINAL LOCATION AND MATERIAL WITH CITY OF FRANKLIN DURING THE US 31 ROAD PROJECT.
40. PROPOSED 'MOBILE PICKUP' PARKING SIGNS IN BOLLARD. CONTRACTOR TO INSTALL SIGN POST AND BOLLARD PER THE ADA PARKING SIGN DETAIL. SIGN TO BE BY SIGN VENDOR.
41. PROPOSED CONCRETE CURB (VERTICAL) PER INDOT STANDARD DRAWING E-605-CCSJ-01.
42. PROPOSED DRIVE THRU WAYFINDING SIGNAGE PER SIGN SUPPLIER. SIGN SUPPLIER SHALL PROVIDE FOUNDATION DETAILS FOR INSTALLATION TO G.C.
43. PROPOSED BRICK PAVERS, PER SHEET C-502. PROPOSED BRICK PAVERS TO BE INSTALLED UNDER SEPARATE CONTRACT IN THE FUTURE. OWNER TO COORDINATE FINAL LOCATION AND MATERIAL WITH CITY OF FRANKLIN DURING THE US 31 ROAD PROJECT. PROPOSED ASPHALT PAVEMENT SHALL BE INSTALLED WITHIN BRICK PAVER LIMITS DURING THIS CONTRACT.



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ASPHALT PAVEMENT

MATERIAL	* DEPTH INDOT	DEPTH (HY. DUTY)	DEPTH (STD. DUTY)	INDOT SPECIFICATIONS ITEM
A.C. SURFACE COURSE	1.5"	1.5"	1.5"	HMA SURFACE COURSE
A.C. INTERMEDIATE COURSE	** 5"	2.5"	2"	HMA BINDER COURSE
A.C. BASE COURSE	3.5"	-	-	HMA BASE COURSE
AGG. BASE COURSE	6"	8"	6"	CRUSHED AGGREGATE (INDOT #53)
SUBGRADE COMPACTION	PER SOILS REPORT	PER SOILS REPORT	PER SOILS REPORT	PER SOILS REPORT

* CONTRACTOR SHALL USE THIS PAVEMENT SECTION WITHIN INDOT RIGHT OF WAY ALONG US ROUTE 31.
 ** INTERMEDIATE COURSE SHALL BE PLACED IN 2.5" LIFTS.
 SOILS REPORT GOVERNS IF ANY DISCREPANCIES OCCUR.
 SEE TYPICAL SECTION SHEET C-501.

BUILDING SETBACKS

	REQUIRED	PROVIDED
FRONT: N MORTON ST.	50.0'	52.5'
REAR: N MAIN ST.	50.0'	50.0'
SIDE: NORTH	15.0'	33.6'
SIDE: SOUTH	15.0'	82.6'

PARKING SETBACKS

	REQUIRED	PROVIDED
FRONT: N MORTON ST.	0.0'	10.0'
REAR: N MAIN ST.	0.0'	10.0'
SIDE: NORTH	0.0'	14.0'
SIDE: SOUTH	0.0'	10.9'

LANDSCAPE SETBACKS

	REQUIRED	PROVIDED
FRONT: N MORTON ST.	10.0'	10.0'
REAR: N MAIN ST.	10.0'	10.0'
SIDE: NORTH	0.0'	14.0'
SIDE: SOUTH	0.0'	10.9'

PARKING SPACES

	REQUIRED	PROVIDED
NUMBER OF SPACES	19	22

PARKING REQUIREMENTS
 ONE(1) SPACE PER EMPLOYEE WORKING ON THE LARGEST SHIFT (AMPLE PARKING SPACES TO ACCOMMODATE SHIFT CHANGES) PLUS 1 SPACE PER 3 SEATS, PLUS ONE (1) SPACE FOR BUSINESS VEHICLE STORED ONSITE THEREFORE: (4 EMPLOYEES+4 EMPLOYEES) + (203 INDOOR SEATS+ 123 OUTDOOR SEATS)= 19 PARKING STALLS

LAND USE DATA

	% OF SITE AREA	AREA PROVIDED
BUILDING	6.5%	0.05 AC.
PAVEMENT/IMPERVIOUS	57.1%	0.44 AC.
LANDSCAPING	36.4%	0.28 AC.
TOTAL	100%	0.77 AC.

CURRENT ZONING: MXC; MIXED USE.
 COMMUNITY CENTER 'W/ GW-OL'
 GATEWAY OVERLAY

TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



ENDEAVOR 2.0

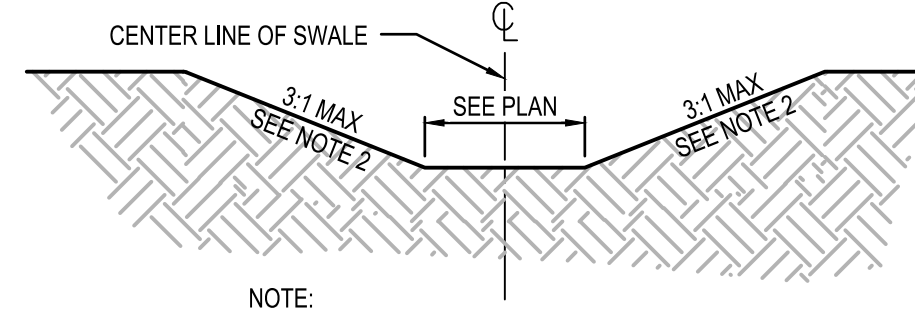
SITE PLAN

C-111

PLOT DATE:



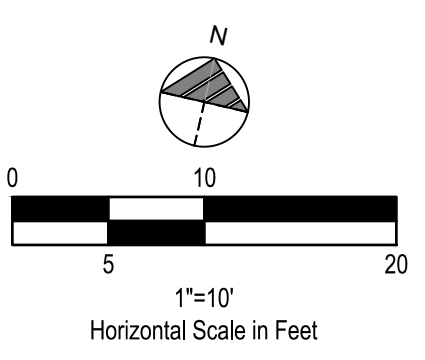
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C4 SWALE DETAIL
N.T.S.

LEGEND

- 000 — PROPOSED CONTOUR
- XXX.XX± EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE
- XXX.XX PROPOSED ELEVATION @ FINISHED GROUND ELEVATION/ BOTTOM OF 6" CURB
- T=XXX.XX TOP OF CURB ELEVATION
- B=XXX.XX BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
- 0.0% PROPOSED DRAINAGE SLOPE & DIRECTION
- ADA — LIMITS OF ADA ROUTING



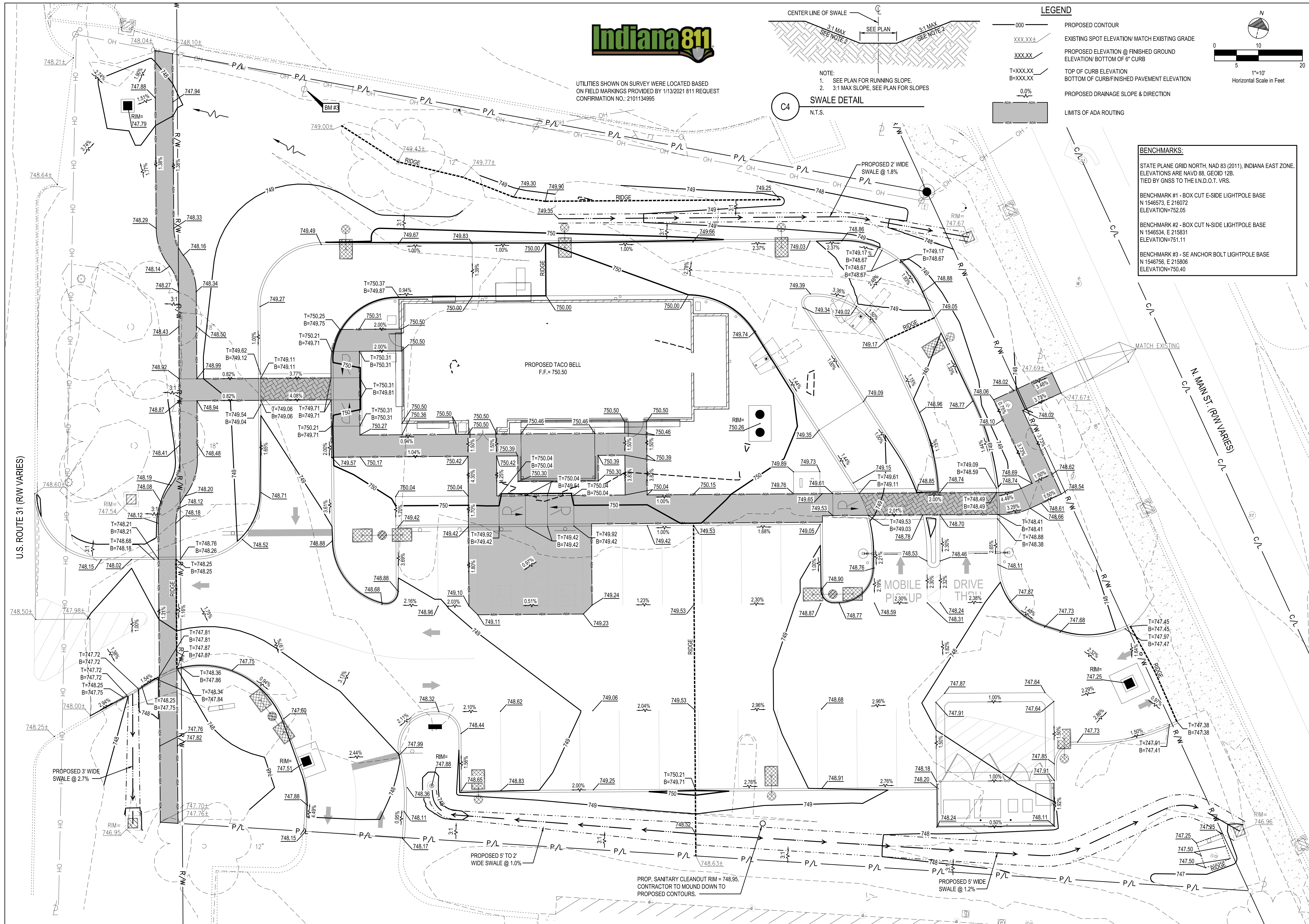
GPD GROUP, INC.
520 South Main Street, Suite 2531
Akron, OH 44311
530.572.2100 Fax 530.572.2101

BENCHMARKS:
STATE PLANE GRID NORTH, NAD 83 (2011), INDIANA EAST ZONE. ELEVATIONS ARE NAVD 88, GEOID 12B, TIED BY GNSS TO THE I.N.D.O.T. VRS.

BENCHMARK #1 - BOX CUT E-SIDE LIGHTPOLE BASE
N 1546573, E 216072
ELEVATION=752.05

BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE
N 1546534, E 215831
ELEVATION=751.11

BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
N 1546756, E 215806
ELEVATION=750.40



DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY: TW
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
GRADING PLAN

C-121

PLOT DATE:



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO. 2101134995

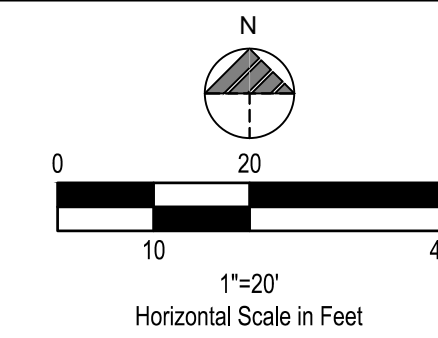
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LEGEND

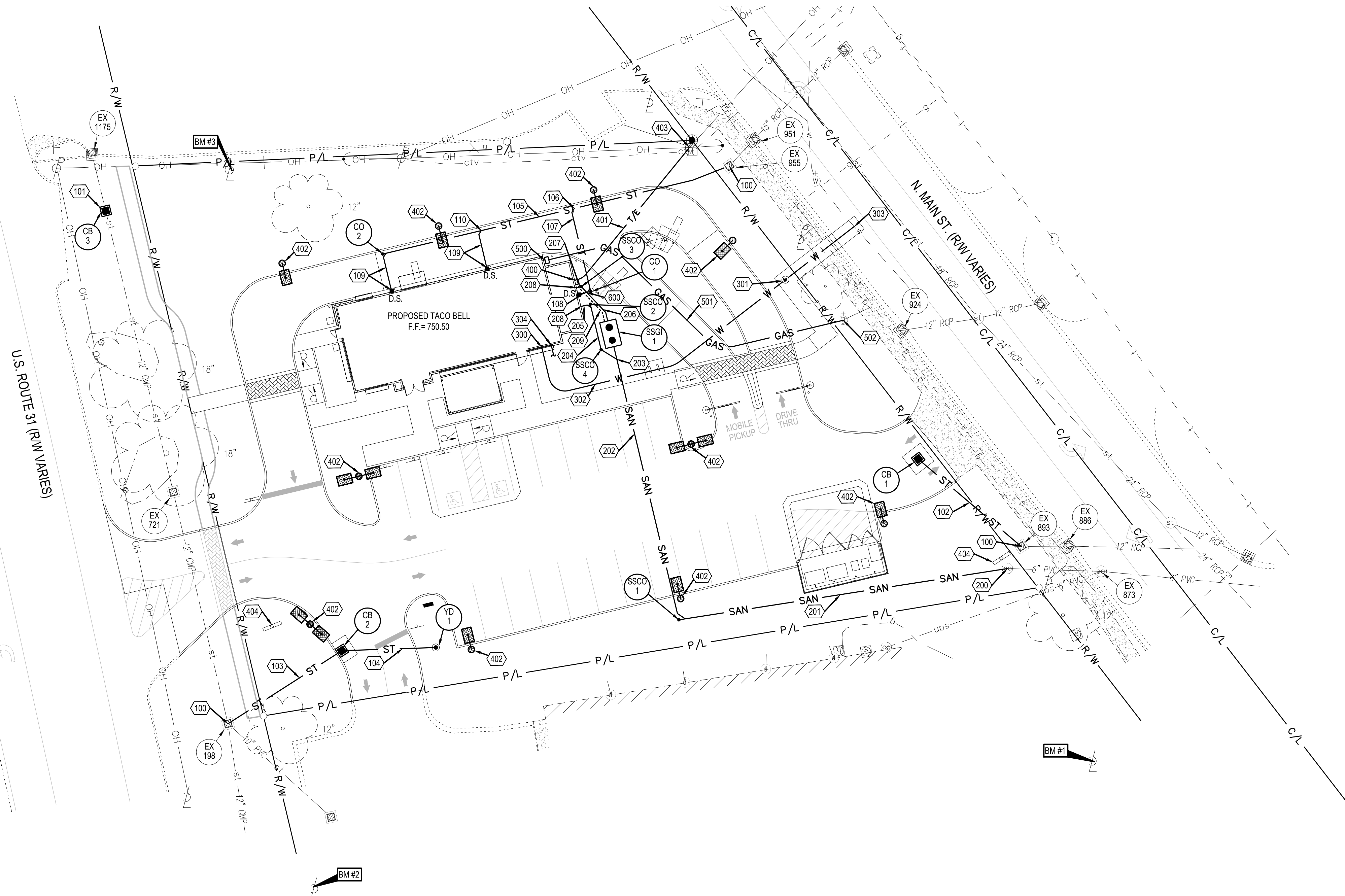
(SEE SHEET C-001 FOR GENERAL LEGEND)

- ST — PROPOSED STORM SEWER
- SAN — PROPOSED SANITARY SEWER
- W — PROPOSED WATER SERVICE
- GAS — PROPOSED GAS SERVICE
- E — PROPOSED UNDERGROUND ELECTRIC SERVICE
- T/E — PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE
- D.S. ■ PROPOSED DOWNSPOUT
- ⊙ # APPURTENANCES
- ⬡ # UTILITY CONSTRUCTION KEYNOTE

UTILITY CROSSINGS

GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS.

- 600. PROPOSED UTILITY CROSSING: 6" STORM INV=747.98; 6" SANITARY INV=746.21.



PLAN KEYNOTES #

STORM

- 100. PROPOSED STORM SEWER CONNECTION TO EXISTING CATCH BASIN. CONTRACTOR SHALL FIELD VERIFY EXISTING INVERTS AND NOTIFY CONSTRUCTION MANAGER IF THERE IS A DISCREPANCY. CONTRACTOR SHALL NEATLY CORE DRILL AND ENSURE WATER TIGHT CONNECTION.
- 101. CONTRACTOR TO FIELD VERIFY EXISTING INVERTS PRIOR TO ORDERING STRUCTURE. CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF THERE ARE ANY ISSUES.
- 102. PROPOSED 42 L.F. OF 12" HDPE STORM SEWER @ 1.05%
- 103. PROPOSED 42 L.F. OF 12" HDPE STORM SEWER @ 0.81%
- 104. PROPOSED 29 L.F. OF 12" HDPE STORM SEWER @ 3.83%
- 105. PROPOSED 111 L.F. OF 6" PVC STORM SEWER @ 1.93%
- 106. PROPOSED WYE CONNECTION, SEE SHEET C-504. 6" INV = 746.20
- 107. PROPOSED 30 L.F. OF 6" PVC STORM SEWER @ 6.73%
- 108. PROPOSED 4 L.F. OF 6" PVC STORM SEWER @ 1.00%. INV. AT BUILDING = 748.00
- 109. PROPOSED DOWNSPOUT COLLECTOR LINE @ 2.00% MINIMUM. 16 L.F. TOTAL. 6" INV. = 748.00 AT BUILDING.
- 110. PROPOSED WYE CONNECTION, SEE SHEET C-504. 6" INV = 746.77.

SANITARY

- 200. PROPOSED SANITARY CONNECTION. INV=742.82. CONTRACTOR TO FIELD VERIFY INVERT AND EXISTING SEWER LATERAL HAS A WATERTIGHT CONNECTION AT SEWER MAIN PRIOR TO CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF THERE IS A DISCREPANCY.
- 201. PROPOSED 103 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
- 202. PROPOSED 88 L.F. OF 6" PVC SANITARY SEWER @ 2.10%.
- 203. PROPOSED SANITARY WYE CONNECTION, SEE SHEET C-504. INV=745.77
- 204. PROPOSED 20 L.F. OF 6" PVC SANITARY SEWER @ 2.10%.
- 205. PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 2.10%.
- 206. PROPOSED 14 L.F. OF 6" PVC SANITARY SEWER @ 1.26%.
- 207. PROPOSED 1.5 L.F. OF 6" PVC SANITARY SEWER @ 1.26%.
- 208. 6" SANITARY BUILDING INV. = 746.26
- 209. PROPOSED 3" SANITARY VENT PIPE, SEE MECHANICAL PLANS.

WATER

- 300. PROPOSED WATER CONNECTION. COORDINATE WITH PLUMBING PLANS.
- 301. PROPOSED WATER METER AND BACKFLOW PREVENTOR IN VAULT PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
- 302. PROPOSED 122 L.F. 1.5" COPPER TYPE 'K' WATER SERVICE LINE.
- 303. PROPOSED WATER SERVICE TAP PER CITY OF UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
- 304. PROPOSED 1" IRRIGATION CONNECTION. UNDER SEPARATE CONTRACT.

ELECTRIC AND COMMUNICATIONS

- 400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
- 401. PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
- 402. PROPOSED LIGHT POLE. SEE STRUCTURAL PLANS FOR LIGHT POLE DETAIL. SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- 403. PROPOSED ELECTRICAL POLE MOUNTED TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
- 404. EXISTING PYLON SIGN. CONTRACTOR TO PROVIDE NEW ELECTRICAL CONNECTIONS.

GAS

- 500. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
- 501. PROPOSED 104 L.F. GAS SERVICE CONNECTION TO BE COORDINATED WITH THE GAS COMPANY.
- 502. CONTRACTOR TO COORDINATE PROPOSED CONNECTION INTO EXISTING GAS VALVE OR NEW TAP INTO EXISTING GAS LINE.

EXISTING STRUCTURES

STRICT. ID	STRUCTURE DETAILS
EX 198	EXISTING CATCH BASIN RIM = 747.63 10" PVC (SE) = 744.43 12" CMP (N&S) = 743.63 PROP. 12" (E) = 743.63
EX 721	EXISTING CATCH BASIN RIM = 747.54 12" CMP (N&S) = 744.09
EX 886	EXISTING CATCH BASIN RIM = 746.46 12" RCP (E&W) = 743.01
EX 893	EXISTING CATCH BASIN RIM = 746.96 12" RCP (E) = 743.56 PROP. 12" (NW) = 743.56
EX 924	EXISTING CATCH BASIN RIM = 746.89 12" RCP (E) = 743.54
EX 951	EXISTING CATCH BASIN RIM = 747.21 15" RCP (E&W) = 743.81
EX 955	EXISTING CATCH BASIN RIM = 747.67 15" RCP (E) = 744.47 PROP. 6" (W) = 745.22
EX 1175	EXISTING CATCH BASIN RIM = 746.46 COVERED W/SILT PROTECTION
EX 873	EXISTING SANITARY MANHOLE RIM = 746.43 6" PVC (E,W,&S) = 742.53

PROPOSED STRUCTURES

STRICT. ID	STRUCTURE DETAILS
CB 1	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.25 *FINGER DRAINS (N,S,E,W) INV. 12" (SE)=744.00 SUMP = 742.00
CB 2	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.51 *FINGER DRAINS (N,S,E) INV. 12" (E)=743.97 INV. 12" (SW)=743.97 SUMP =741.97
CB 3	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.79 INV. 12" (NW,SE) = MATCH EXISTING (SEE KEYNOTE #101 THIS SHEET)
YD 1	PROPOSED 18" NYLOPLAST YARD DRAIN (SEE SHEET C-504) RIM=747.88 INV. 12" (W)=745.08
CO 1	PROPOSED STORM CLEANOUT (SEE SHEET C-504) RIM=749.86 INV. 6" (N)=747.96
CO 2	PROPOSED STORM CLEANOUT (SEE SHEET C-504) RIM=749.86 INV. 6" (E)=747.36
SSCO 1	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=748.95 INV. 6" (E)=743.85
SSCO 2	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.37 INV. 6" (S)=746.20
SSCO 3	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.43 INV. 6" (S)=746.24
SSCO 4	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.26 INV. 6" (S)=745.89
SSGI 1	PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR (SEE SHEET C-504) RIM=750.26 INV. 6" PVC (N)=746.07 INV. 6" PVC (S)=745.82

* FINGER DRAIN INVERT SHALL MATCH THE BOTTOM OF THE PAVEMENT AGGREGATE BASE. SEE SHEET C-504. CONTRACTOR TO CUT FINGER DRAIN SHORTER AS NEEDED AT EXISTING PAVEMENT CONNECTIONS.



520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2101

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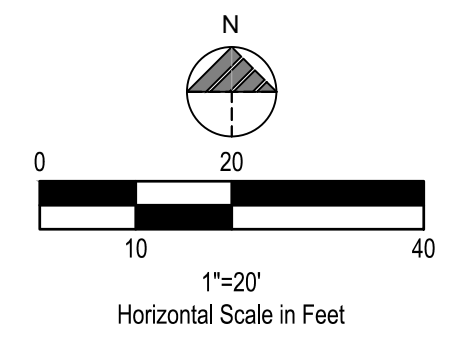


ENDEAVOR 2.0

UTILITY PLAN

C-131

PLOT DATE:



- LEGEND**
(SEE SHEET C-001 FOR GENERAL LEGEND)
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 - SAN — PROPOSED SANITARY SEWER
 - W — PROPOSED WATER SERVICE
 - GAS — PROPOSED GAS SERVICE
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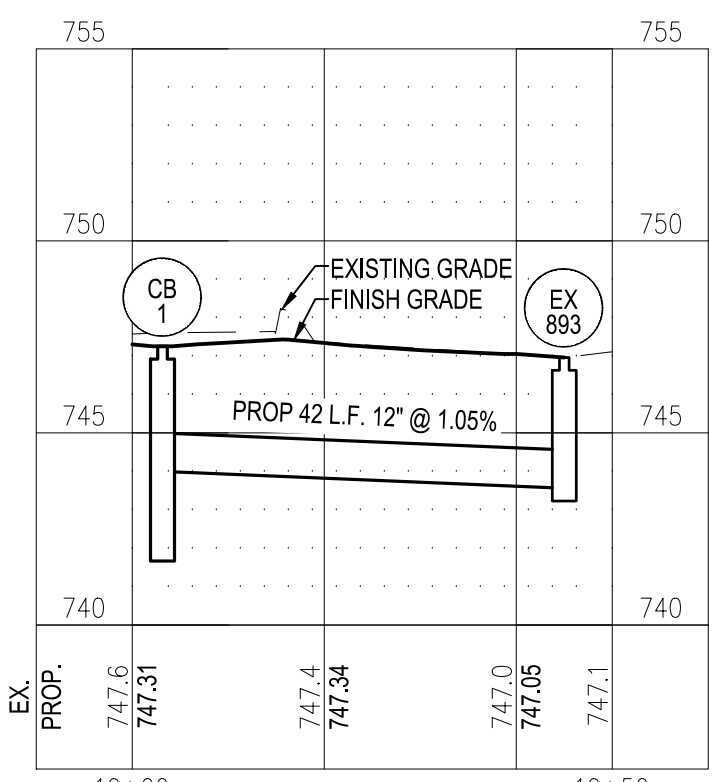
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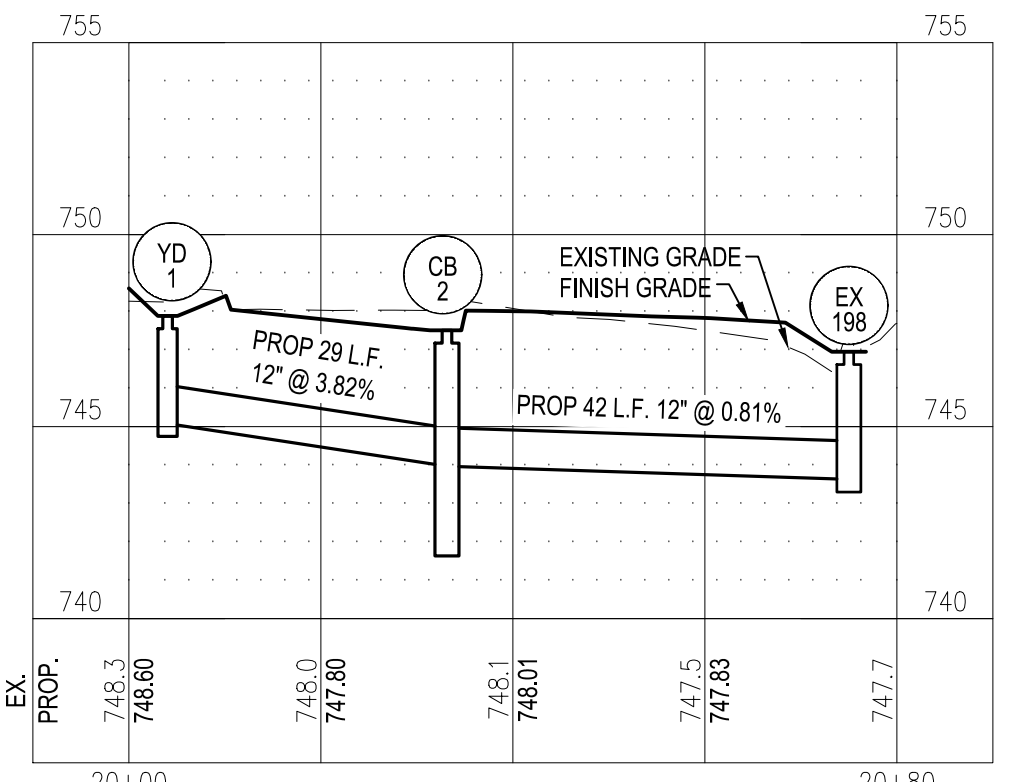
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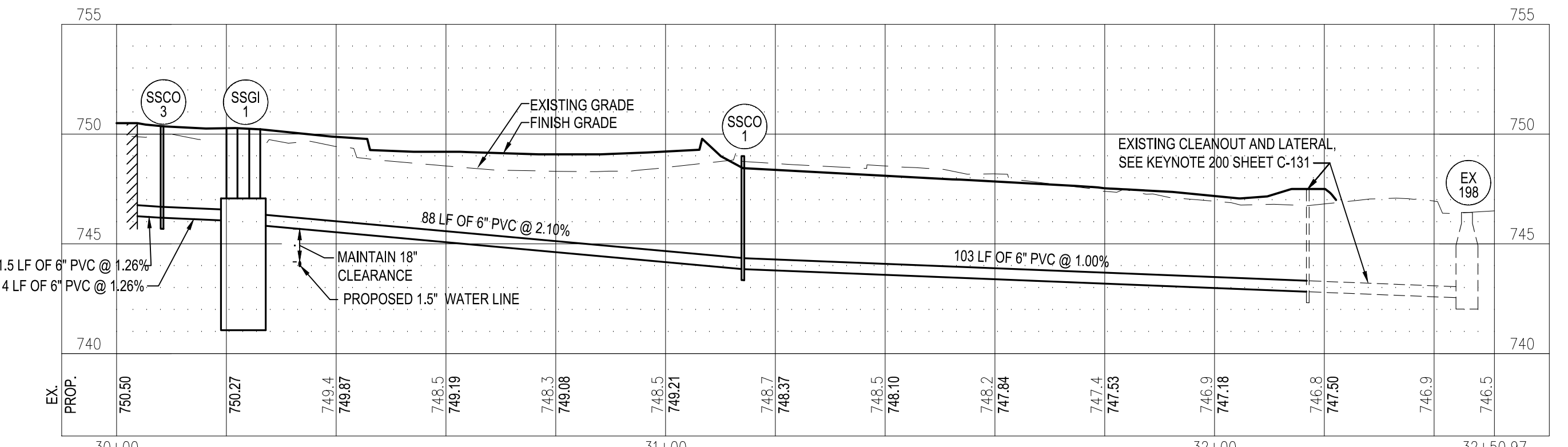
BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
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ELEVATION=750.40



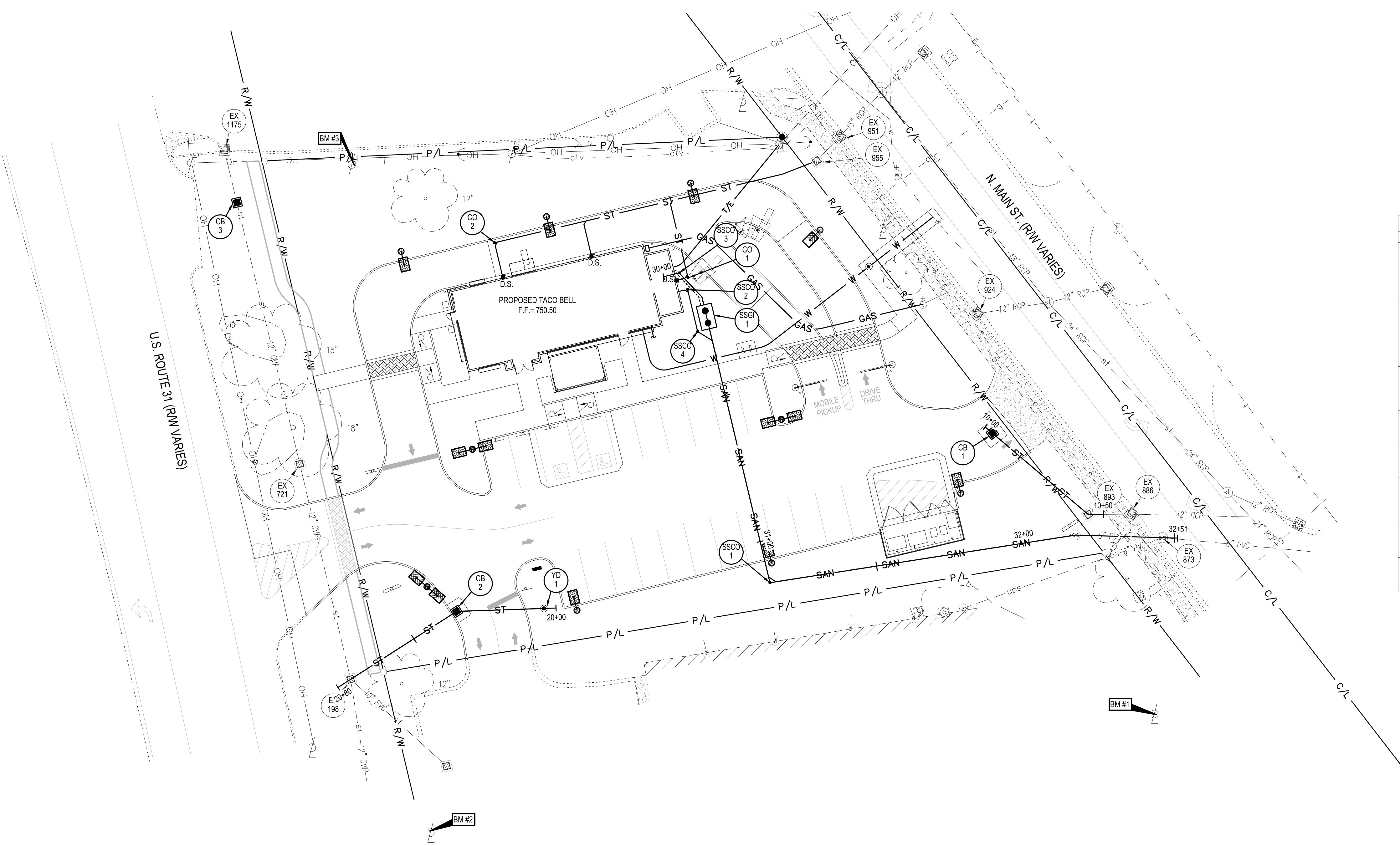
PROPOSED STORM PROFILE #1
SCALE VER: 1"=5'
SCALE HOR: 1"=20'



PROPOSED STORM PROFILE #2
SCALE VER: 1"=5'
SCALE HOR: 1"=20'



PROPOSED SANITARY PROFILE
SCALE VER: 1"=5'
SCALE HOR: 1"=20'



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SSCO 4	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.26 INV. 6" (S)=745.89
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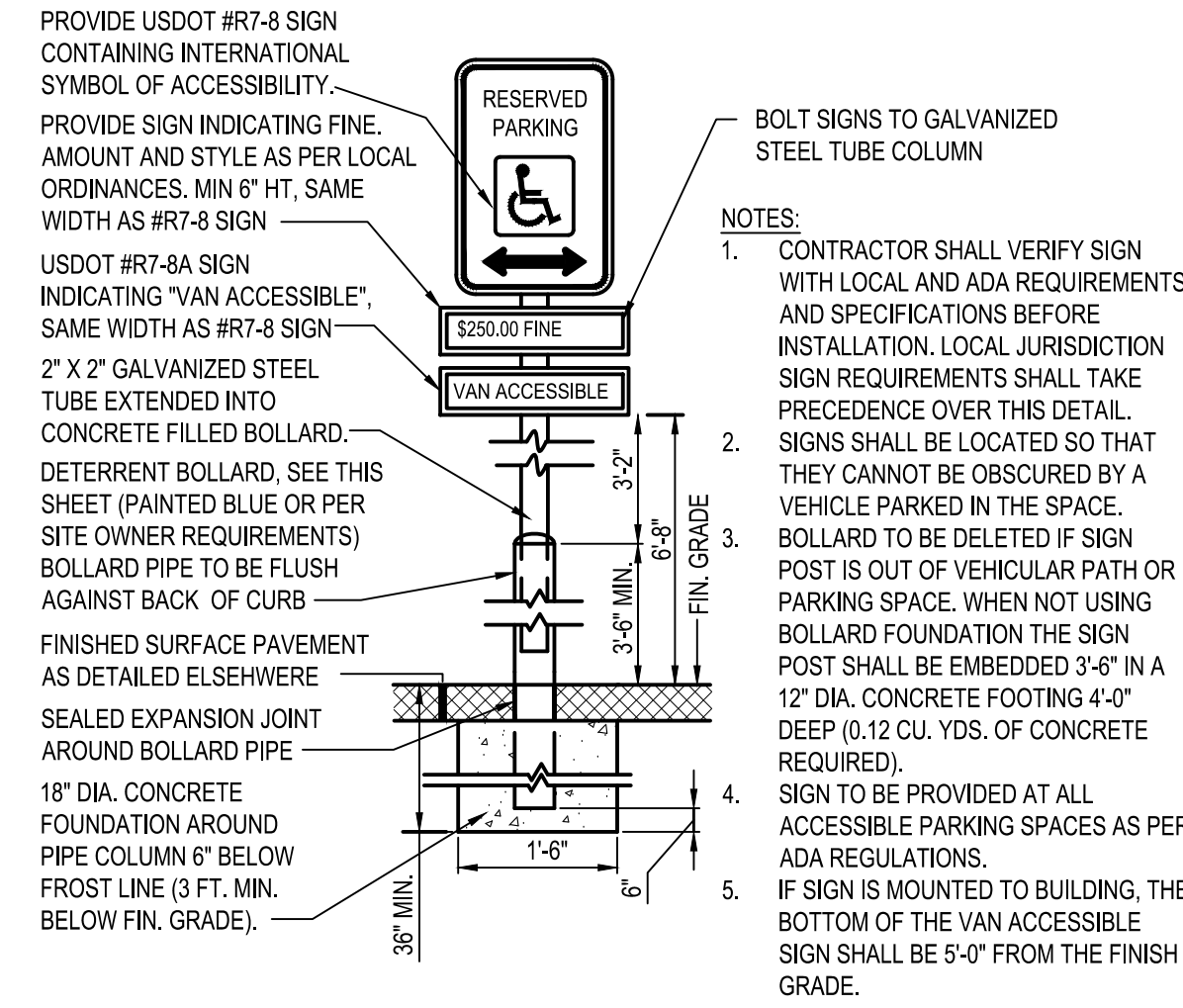


ENDEAVOR 2.0

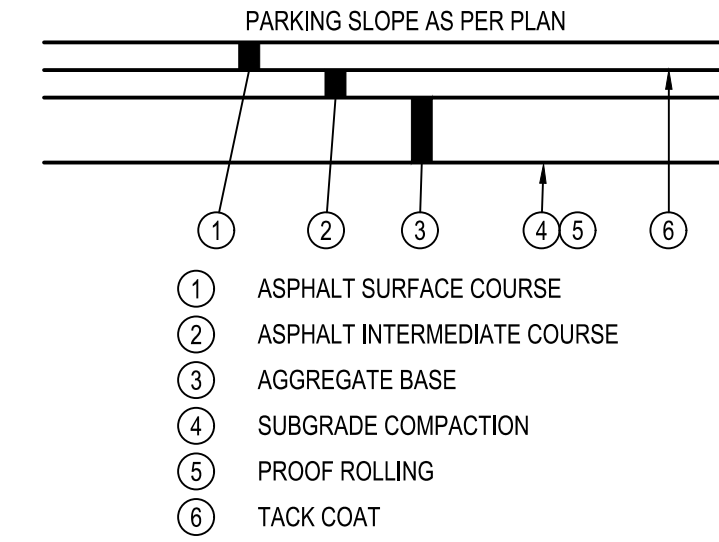
UTILITY PLAN
AND PROFILES

C-132

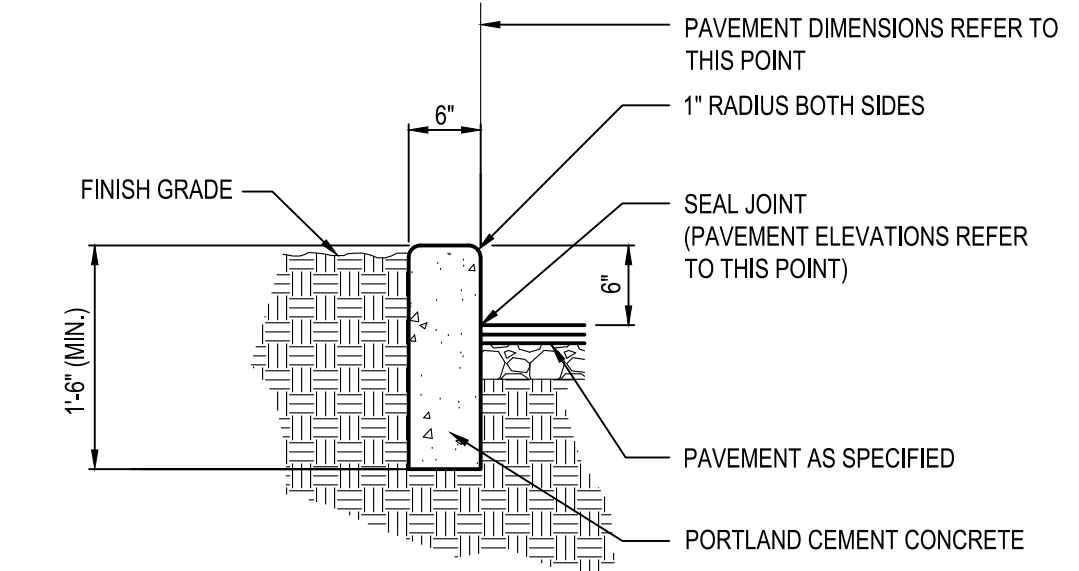
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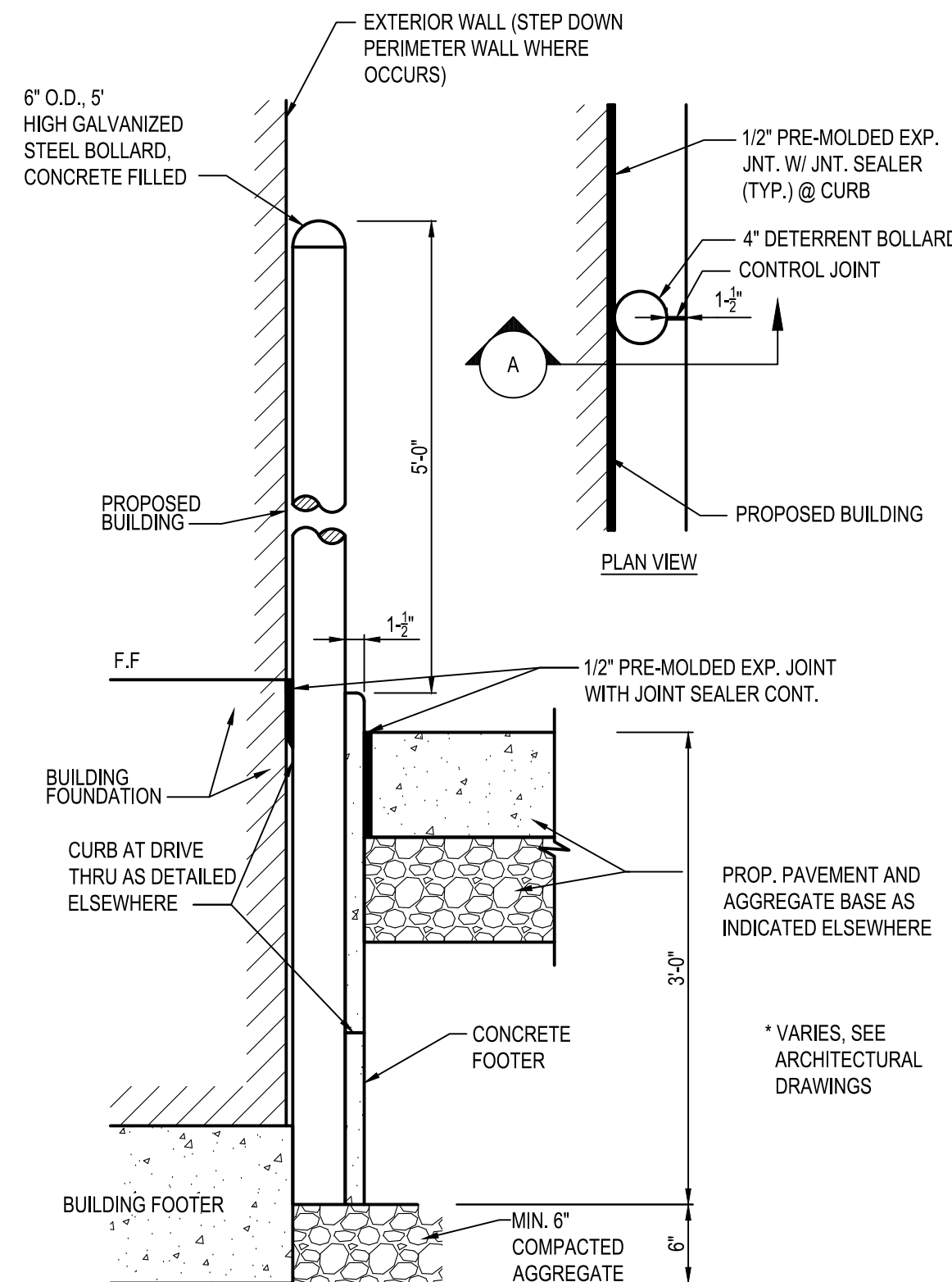
C2 ADA PARKING SIGN IN DETERRENT BOLLARD
N.T.S.



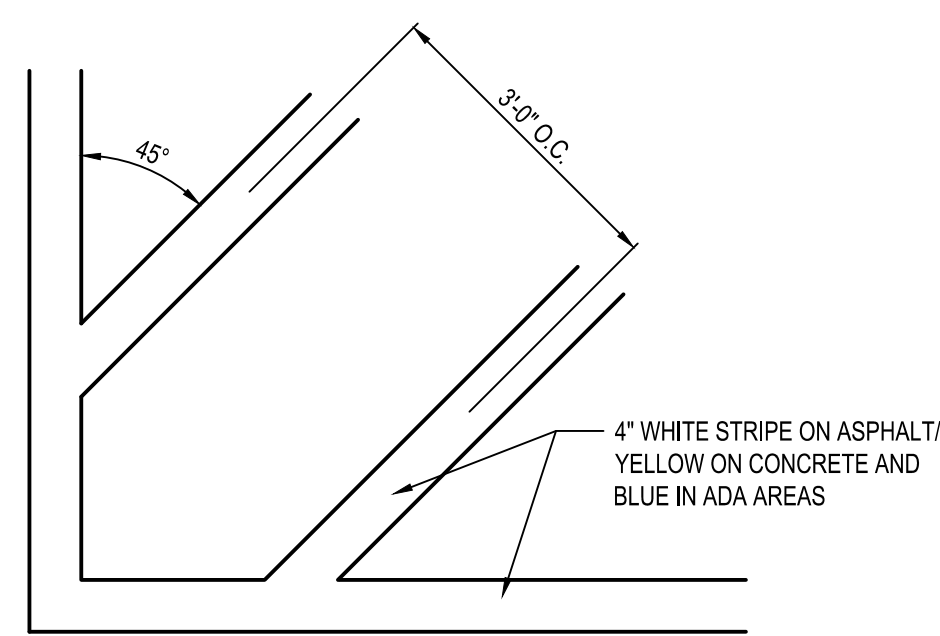
C3 TYPICAL PAVEMENT SECTION
N.T.S.



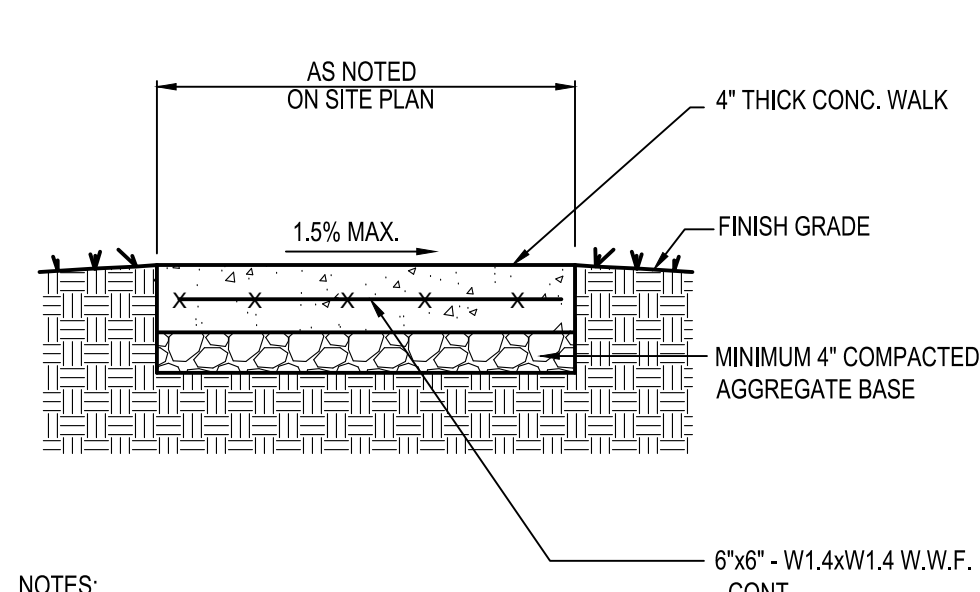
C4 P.C.C CURB
N.T.S.



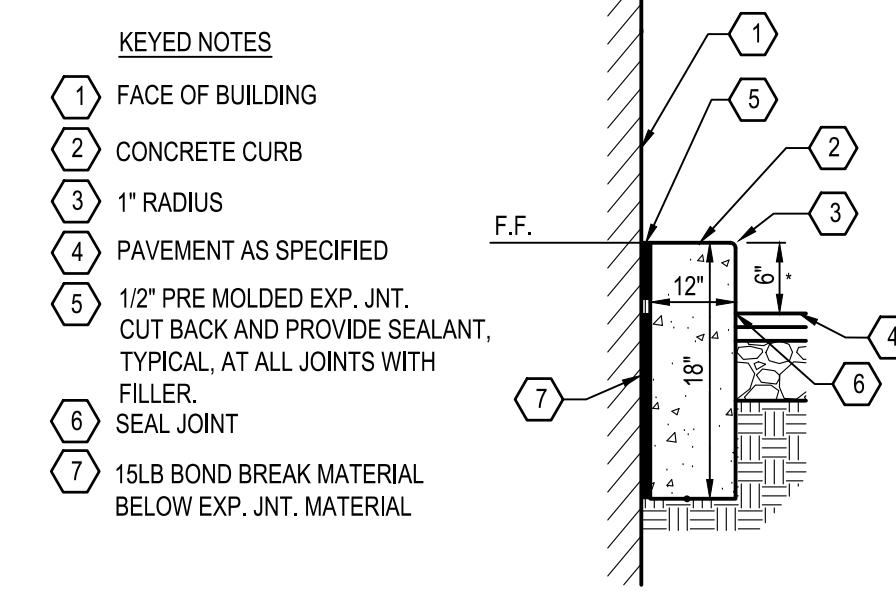
B1 DETERRENT BOLLARD (IN CURB)
N.T.S.



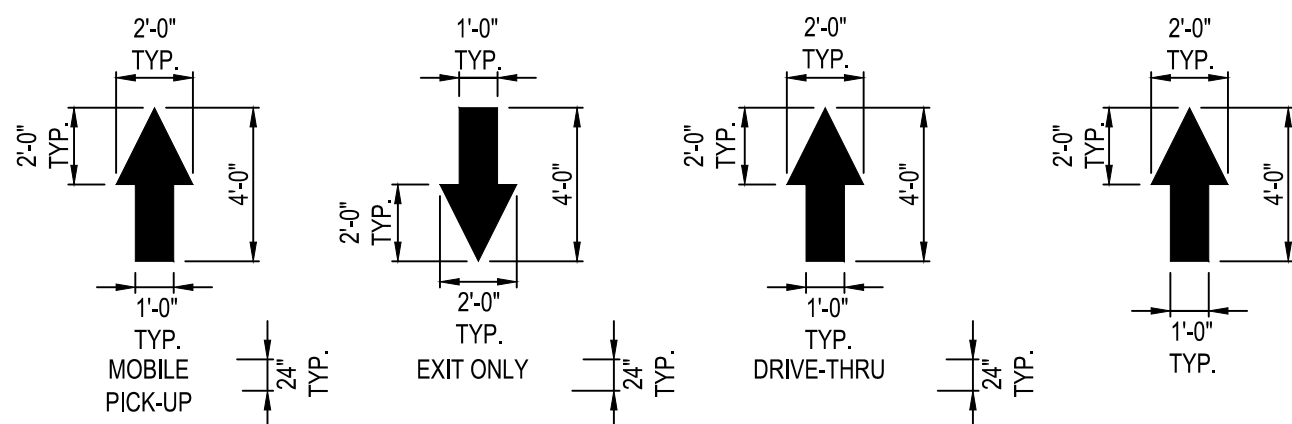
B2 TRANSVERSE STRIPING
N.T.S.



B3 P.C.C. WALK
N.T.S.

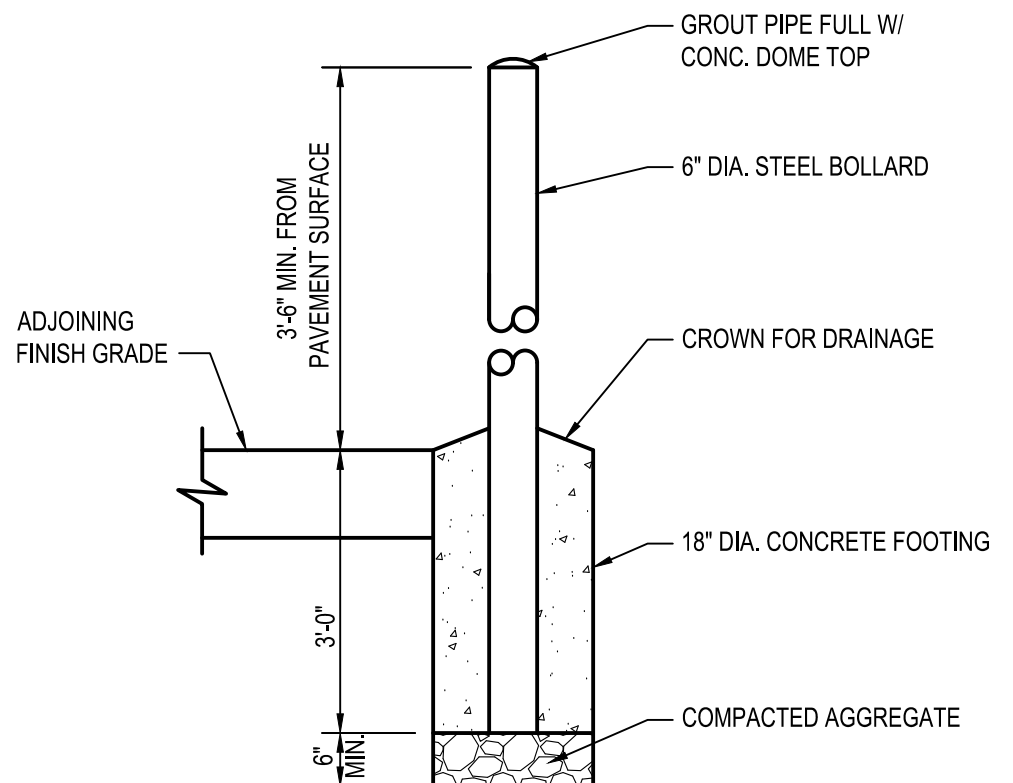


B4 CURB AT DRIVE THRU
N.T.S.

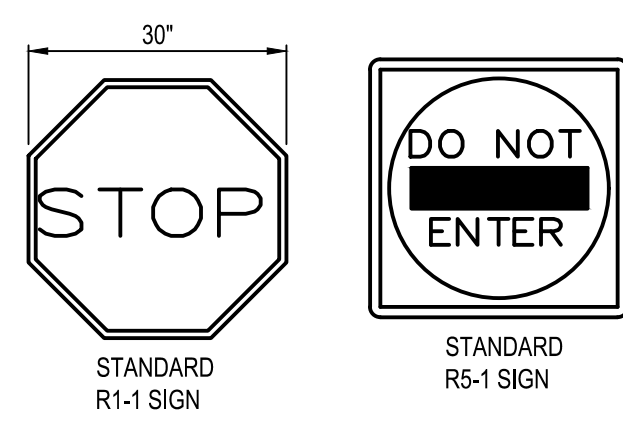


NOTES:
ALL PAVEMENT MARKINGS TO BE WHITE PAVEMENT PAINT ODOT ITEM 641, UNLESS STATED OTHERWISE.
MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, ADA PARKING AND SYMBOLS, ETC., PER LOCAL REQUIREMENTS AND AS FOLLOWS:
EXISTING SURFACES WITHOUT ANY SEAL COATING: OIL BASE (ALKYD RESIN TYPE TO MEET FEDERAL SPECIFICATION TTP-1952.
NEW OR EXISTING SURFACES WITH A TOP COATING OR SEAL COATING (USUALLY WATER BASE FAST DRYING 100% ACRYLIC TYPE); WATER BASE TYPE TO MEET FEDERAL SPECIFICATION TTP-01952. FOR COLD WEATHER APPLICATION PAINT PRODUCT SHALL BE IN ACCORDANCE WITH ASTM-D2369, D1394, D3723, D1475, D562, AND D711
PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT ADA ACCESS RAMPS.
APPLY 2 COATS WITH STRAIGHT EDGES, YELLOW ON CONCRETE/WHITE ON ASPHALT EXCEPT WHEN MATCHING ADJACENT OR EXISTING COLOR WHEN THE PAVING IS AN EXPANSION OR SEGMENT OF A LARGER LOT.

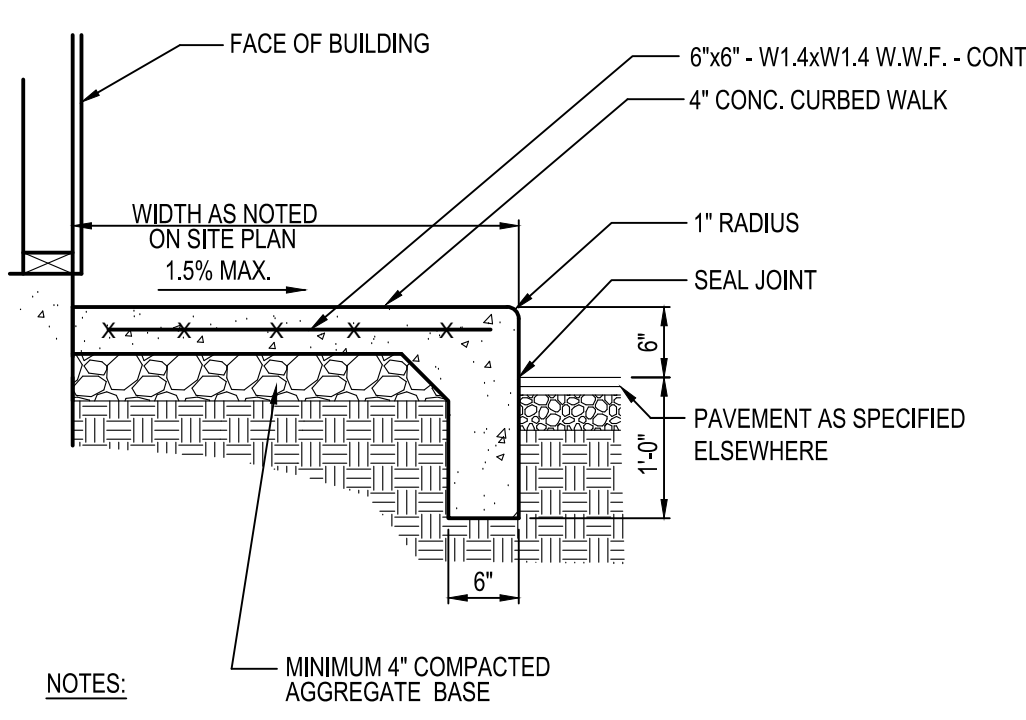
A1 PAVEMENT MARKINGS & NOTES
N.T.S.



A2 DETERRENT BOLLARD
N.T.S.



A3 DO NOT ENTER AND KEEP RIGHT SIGN
N.T.S.



A4 P.C.C CURBED WALK
N.T.S.

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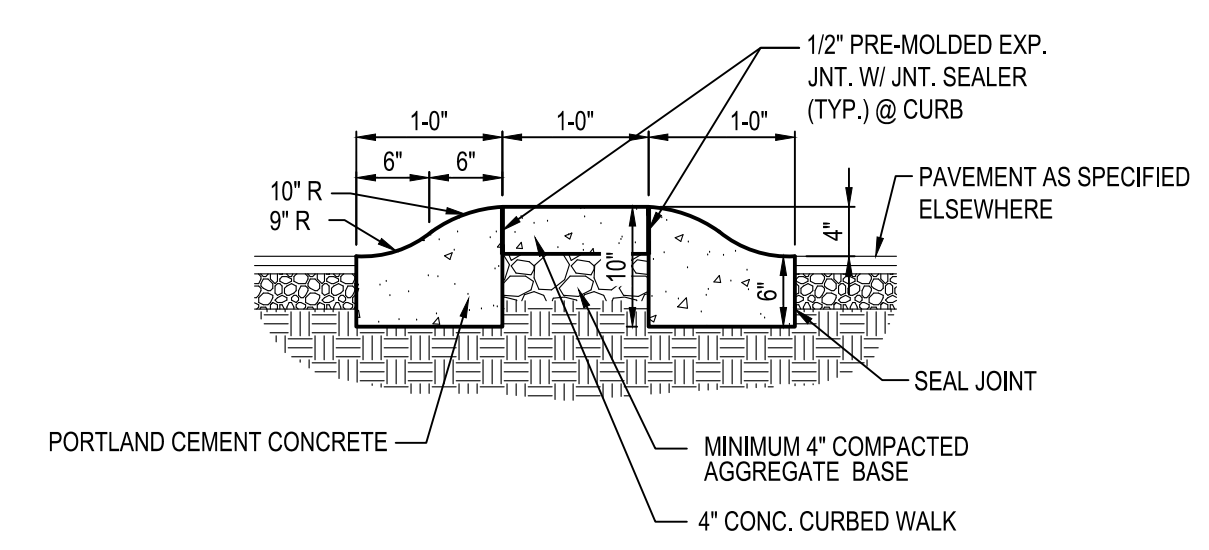
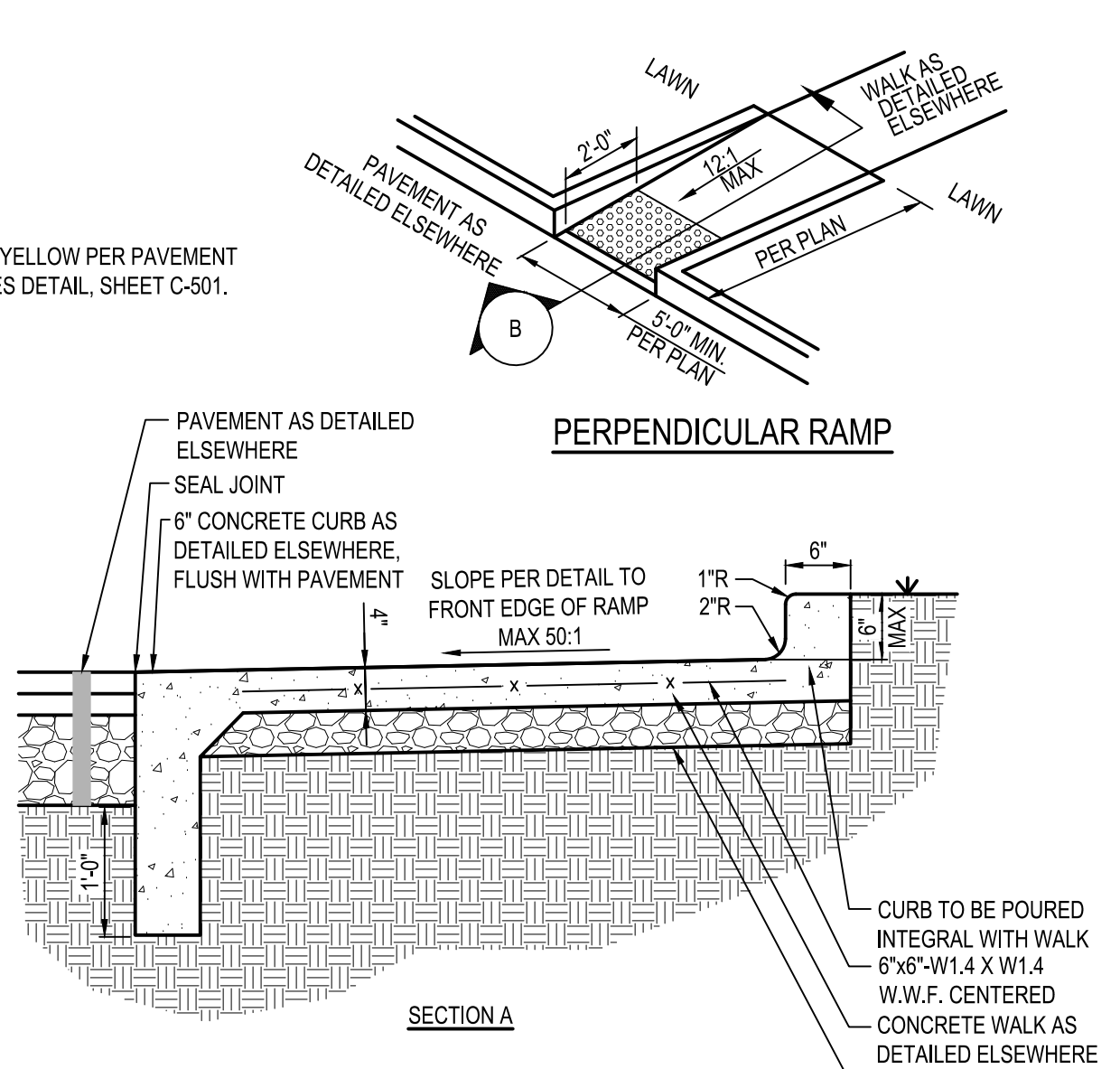
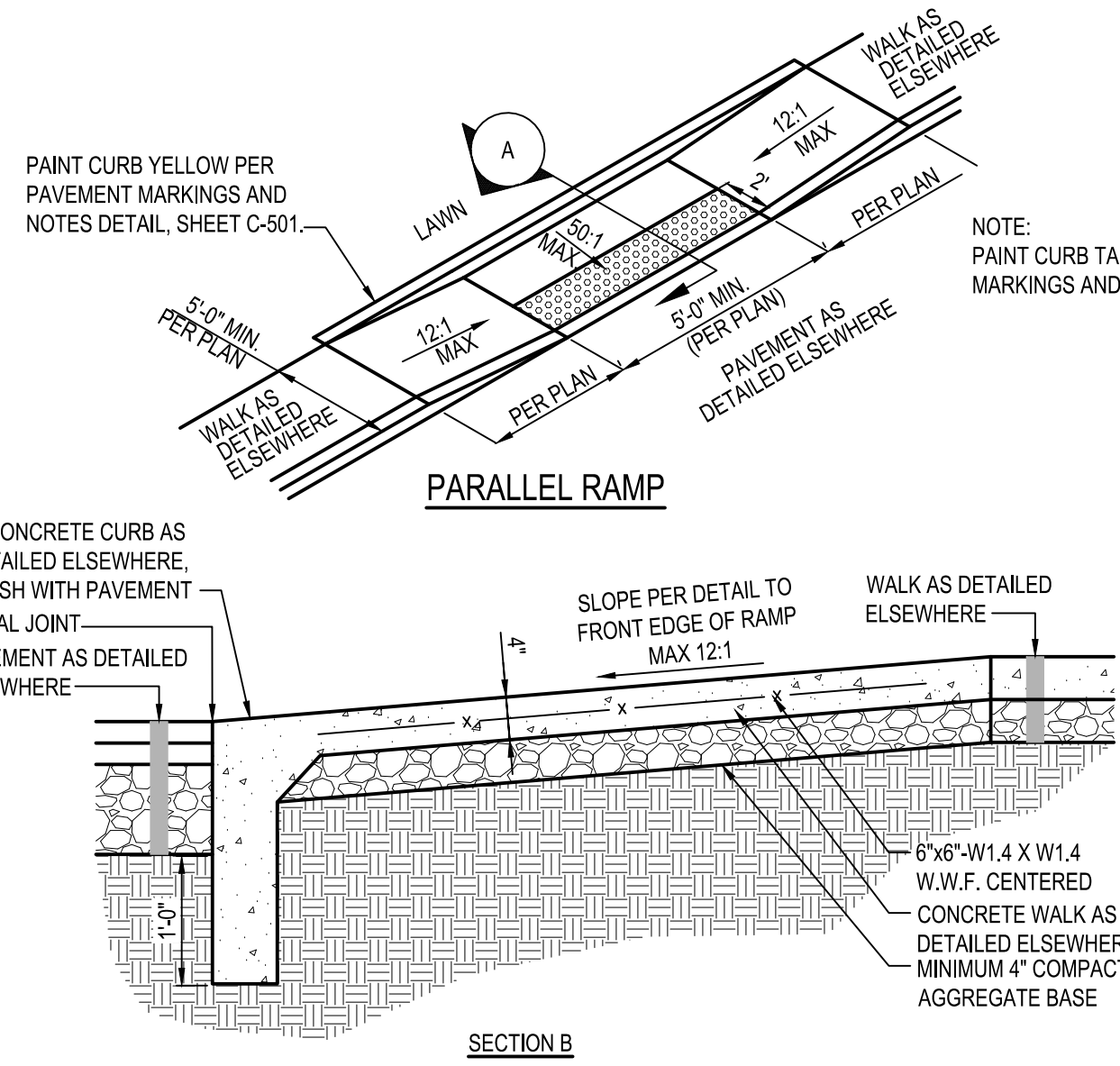
TACO BELL
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ENDEAVOR 2.0
DETAILS

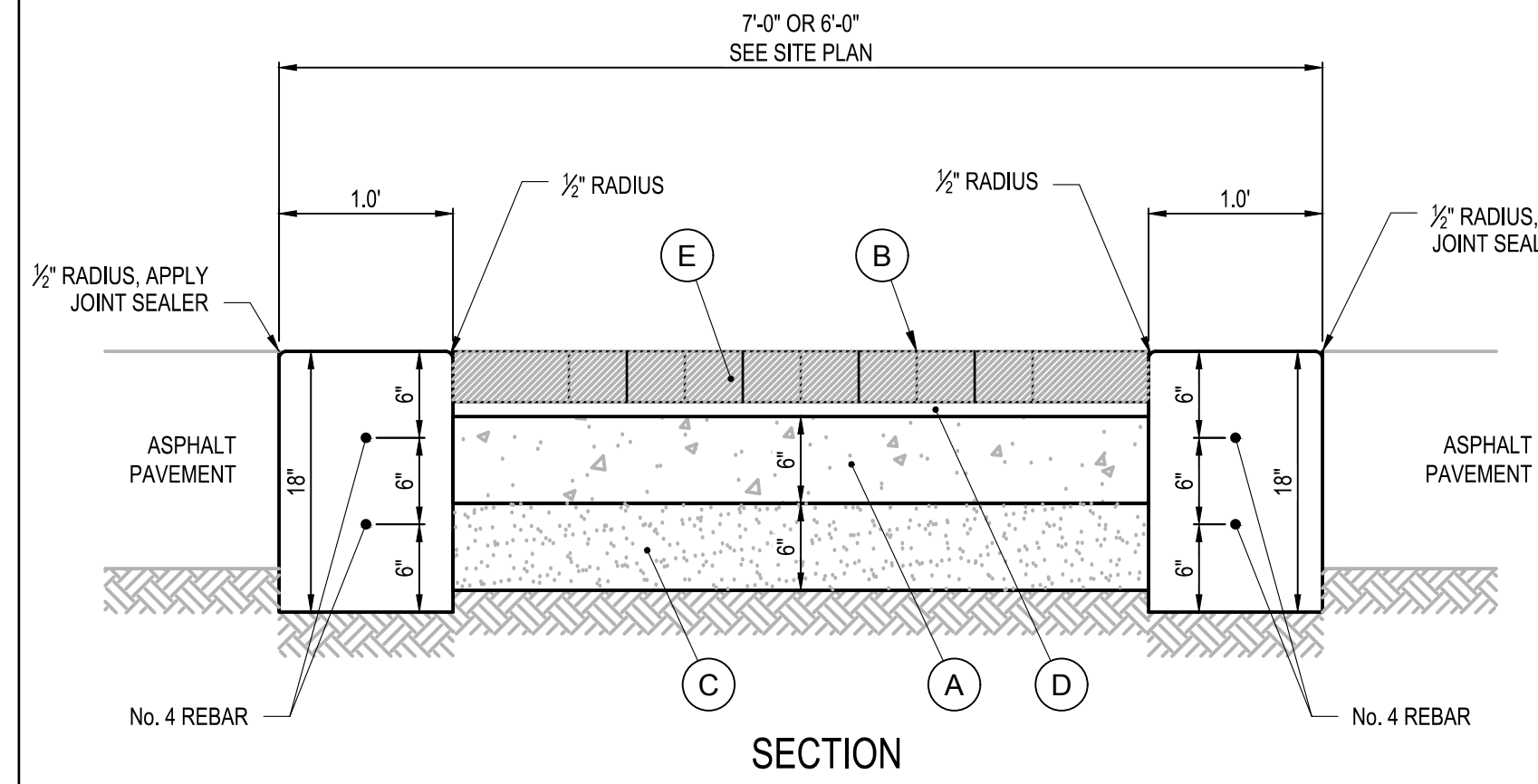
C-501

PLOT DATE:

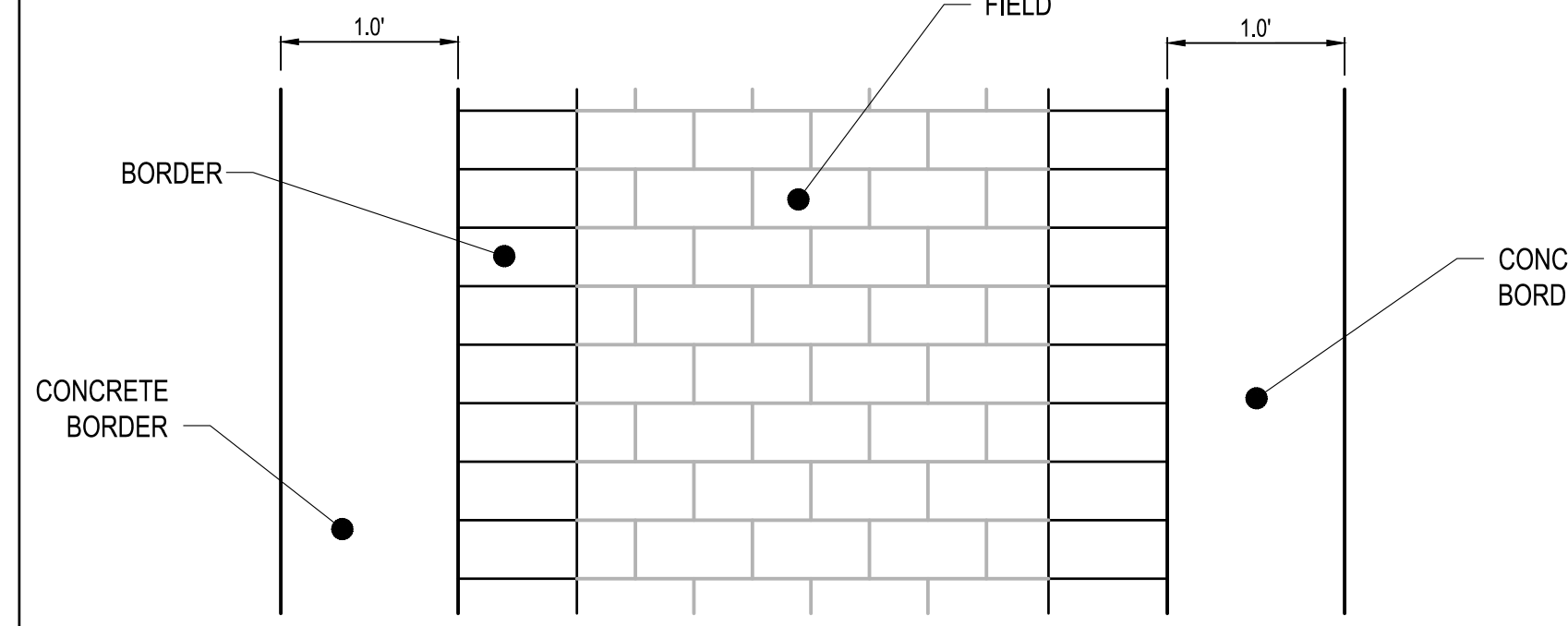


C2 ADA ACCESSIBLE RAMP
N.T.S.

C4 ROLLED CONCRETE CURB ISLAND
N.T.S.



- LEGEND**
- (A) 6" CONCRETE BASE, PORTLAND CEMENT CONCRETE PER INDOT SPECIFICATIONS
 - (B) 1/4" JOINT FILLER: ASPHALT AS PER ASTM D241 OR CRUSHED LIMESTONE, SIZE 9
 - (C) 6" CRUSHED AGGREGATE BASE INDOT #53's
 - (D) 3/4" SAND CUSHION PER INDOT FINE AGGREGATE SPECIFICATIONS
 - (E) BRICK (2-3/4" X 4" X 8")



SPECIFICATIONS

THIS ITEM SHALL CONSIST OF INSTALLING SOLID BRICK PAVERS ON A PREPARED BASE IN AREAS DESIGNATED BY THE PLANS, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.

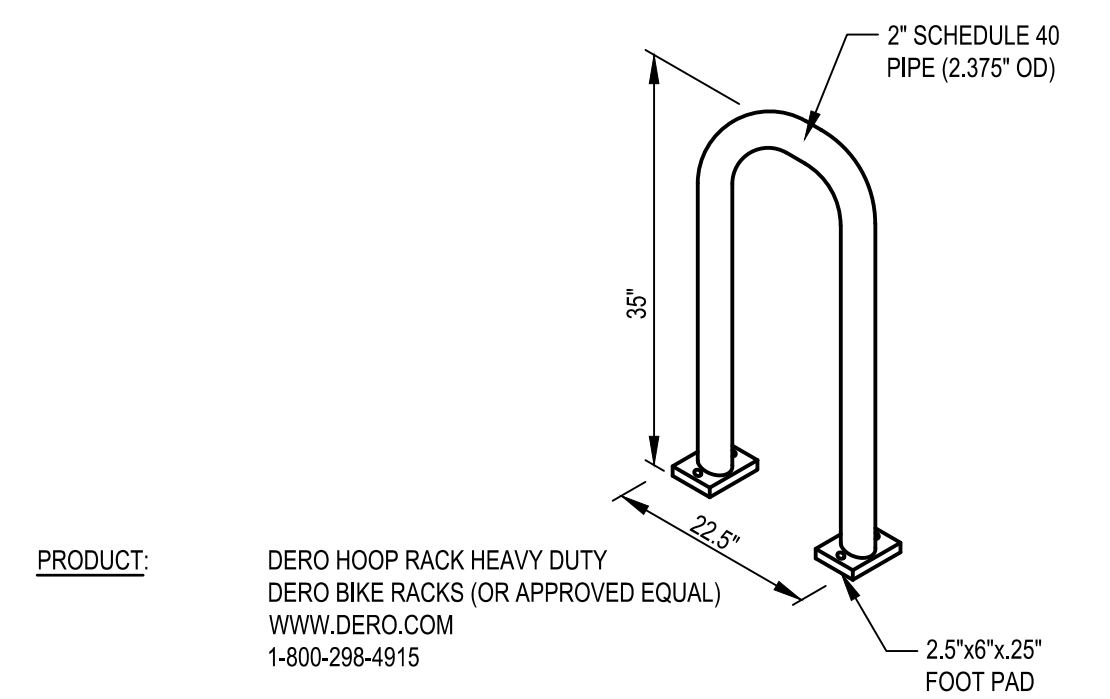
THE BRICK PAVERS SHALL BE 2-3/4" X 4" X 8" AND IN ACCORDANCE WITH ASTM C-1272-07. BRICKS SHALL MEET ADA GUIDELINES. CONTRACTOR TO COORDINATE COLOR WITH OWNER.

A 3' X 3' SAMPLE OF BRICK PAVERS INCLUDING JOINT FILLER MATERIAL SHALL BE SUBMITTED TO THE CONSTRUCTION MANGAER FOR APPROVAL AT LEAST TWO (2) WEEKS BEFORE BRICK LAYING BEGINS.

THE BASE COURSE MATERIAL SHALL BE 6" AGGREGATE BASE MEETING THE REQUIREMENTS OF INDOT #53's CRUSHED AGGREGATE BASE AND 6" OF P.C.C. CONCRETE MEETING THE REQUIREMENTS OF INDOT SPECIFICATIONS. A 3/4" SAND CUSHION MATERIAL BETWEEN THE CONCRETE BASE AND BRICK PAVEMENT SHALL BE PER INDOT FINE AGGREGATE SPECIFICATIONS. THE JOINT FILLER, AS DIRECTED BY THE CONSTRUCTION MANAGER, SHALL CONSIST OF EITHER ASPHALT FILLER MEETING THE REQUIREMENTS OF ASTM D241, OR POLYSAND MEETING REQUIREMENTS ASTM C-144.

INSTALLATION OF THE BRICK PAVEMENT MAY NOT PROCEED UNTIL THE CONSTRUCTION OR RELOCATION OF UNDERGROUND UTILITIES, INCLUDING MANHOLES, VALVES, INLETS OR PULL BOXES, AND CONSTRUCTION OF PROPOSED CURB AND GUTTER. THE CONTRACTOR SHALL CORRECT ANY AND ALL DEFICIENCIES IN THE SUBGRADE AS NECESSARY. IN A MANNER ACCEPTABLE TO THE ENGINEER. THE SUBGRADE SHALL BE COMPACTED TO SECURE A FIRM FOUNDATION. THE AGGREGATE BASE SHALL BE PLACED AND COMPACTED. THE CONCRETE BASE SHALL THEN BE PLACED AND SCREED TO THE PROPER DEPTH AND ELEVATION SO THAT AFTER THE CUSHION MATERIAL AND PAVING BRICKS ARE PLACED AND COMPACTED, THE BRICKS SHALL MEET ADJACENT ELEVATIONS OF SURROUNDING PAVEMENT. AFTER THE CONCRETE BASE IS CURED THE CUSHION MATERIAL SHALL BE SPREAD AND LEVELED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DELIVERY OF THE BRICKS TO THE SITE. ANY FOREIGN MATERIALS, INCLUDING CONCRETE, ASPHALT, SOIL AND PAINT SHALL BE REMOVED PRIOR TO INSTALLATION. THE BRICKS SHALL BE LAID WITH A BORDER AND FIELD AS SHOWN ON THIS SHEET, HAND TIGHT, WITH A SMOOTH FINISHED SURFACE. THE CONTRACTOR SHALL CAREFULLY TRIM BRICKS AROUND ALL MANHOLES, VALVES, POLE FOUNDATIONS AND PULL BOXES WHILE MAINTAINING THE OVERALL PATTERN OF LAID BRICK. ALL OBJECTIONABLE BRICKS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE BRICKS. THE BRICKS SHALL BE BROUGHT TO FIRM BEARING AND FINISHED GRADE. WITH THE ADJACENT CONCRETE PAVEMENT BY MEANS OF A RUBBER MALLETT AND WOOD BLOCKS. DRIVING OR RAMMING OF THE BRICKS SHALL NOT BE PERMITTED. A MAXIMUM OF 1/8" SHALL BE PERMITTED FOR WHOLE OR CUT BRICK JOINTS. POLYSAND SHALL BE SWEEPED OVER THE BRICKS TO FILL ALL JOINTS AND THE AREA SATURATED BY FINE SPRAYING WITH WATER. OR THE ASPHALT FILLER SHALL BE FIRMLY SET INTO THE JOINTS. THE BRICK SURFACE SHALL NOT VARY MORE THAN 1/8" IN TEN FEET AND SHALL NOT BE MORE THAN 1/16" ABOVE OR BELOW THE ADJACENT PAVEMENT. UNUSED WHOLE BRICKS SHALL BE RETURNED BY THE CONTRACTOR TO THE OWNER AS DIRECTED. BROKEN BRICKS, UNUSED BRICK PIECES, SAND, AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE.

A1 BRICK PAVER
N.T.S.



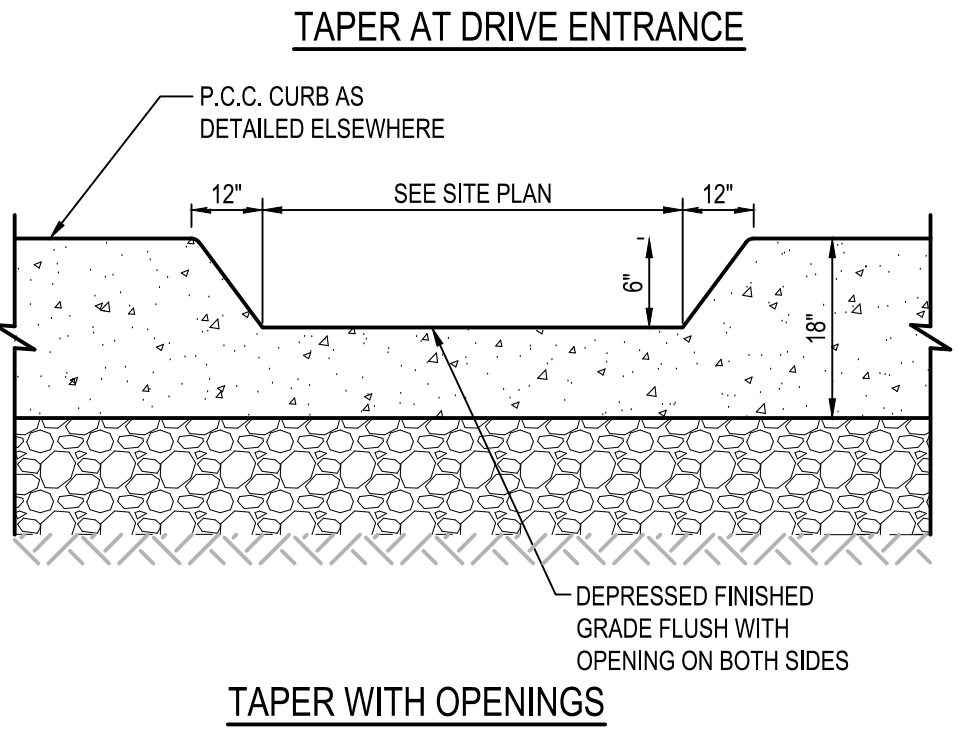
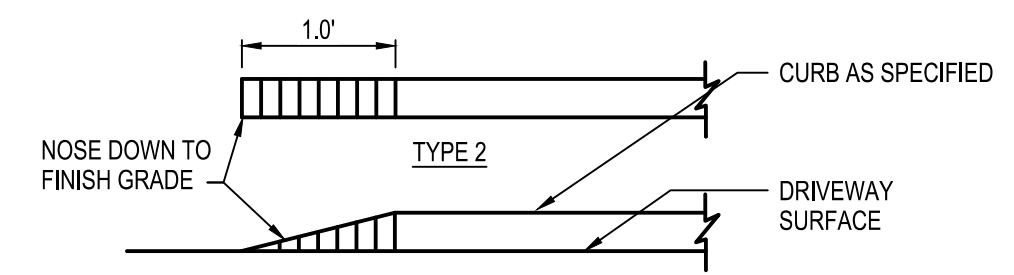
PRODUCT: DERO HOOP RACK HEAVY DUTY
DERO BIKE RACKS (OR APPROVED EQUAL)
WWW.DERO.COM
1-800-288-4915

CAPACITY: 2 BIKES

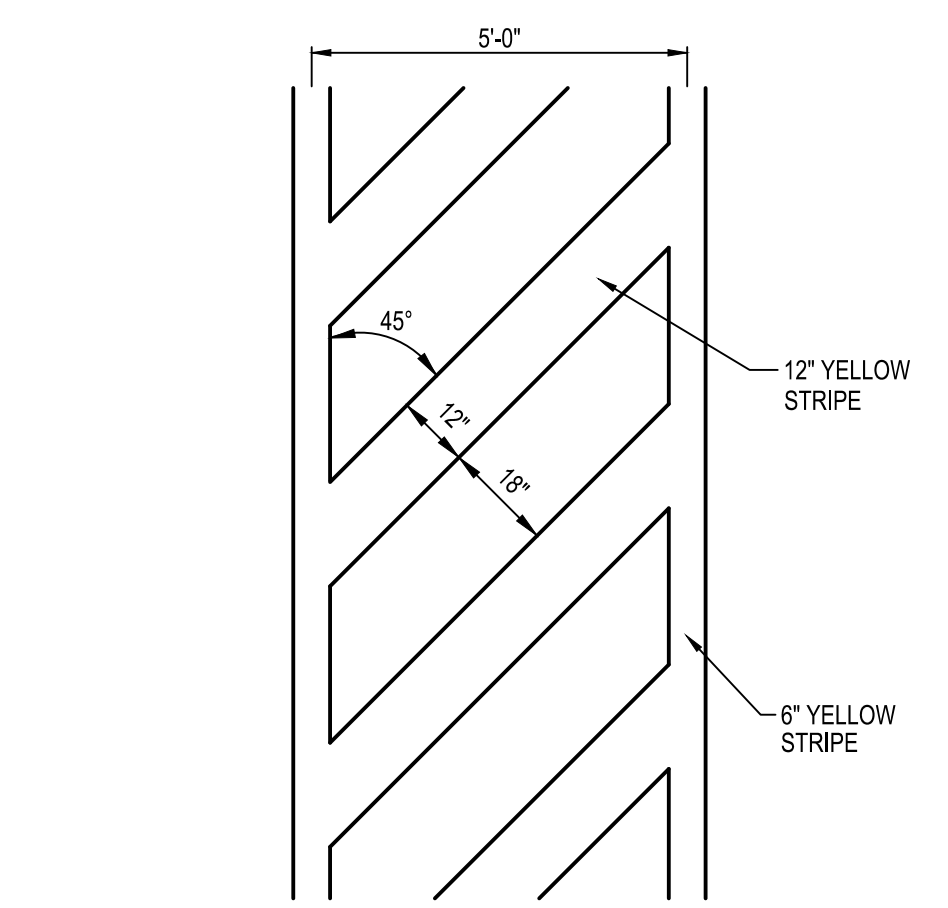
MATERIALS: 2" SCHEDULE 40 PIPE (2.375" OD)

CONTRACTOR SHALL COORDINATE FINISH AND PREFERRED INSTALLATION METHOD WITH CONSTRUCTION MANAGER.

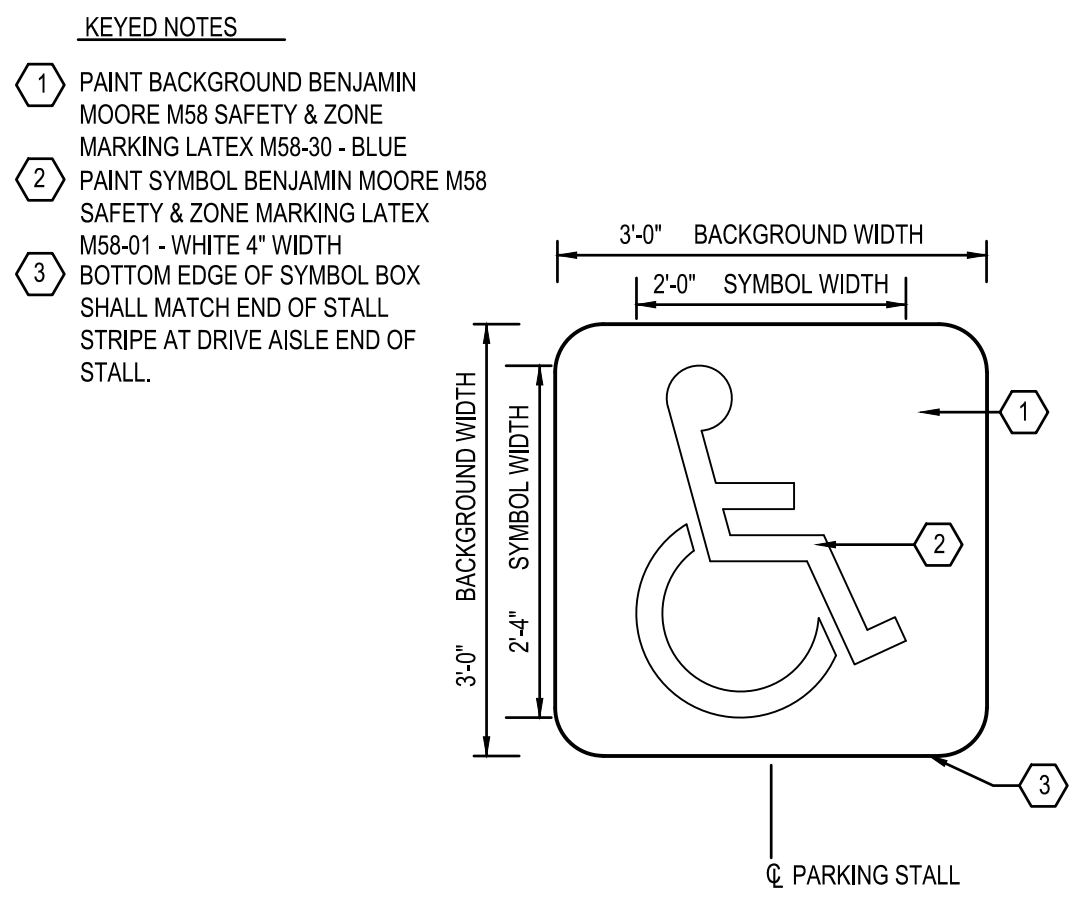
B3 BIKE RACK DETAIL
N.T.S.



A3 1' CURB TAPER
N.T.S.



B4 CROSSWALK STRIPING
N.T.S.



A4 ADA PAVEMENT SYMBOL
N.T.S.

DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131

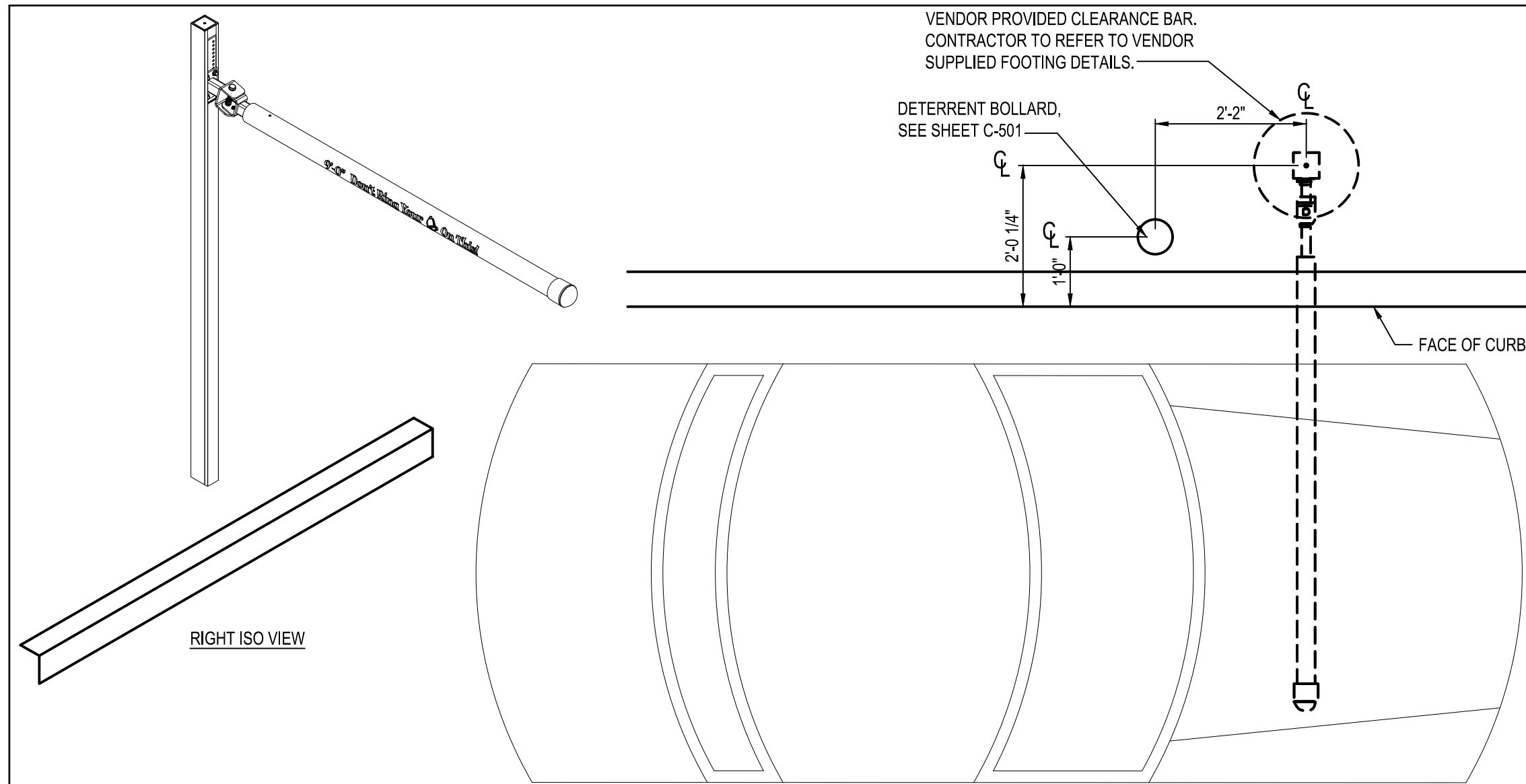


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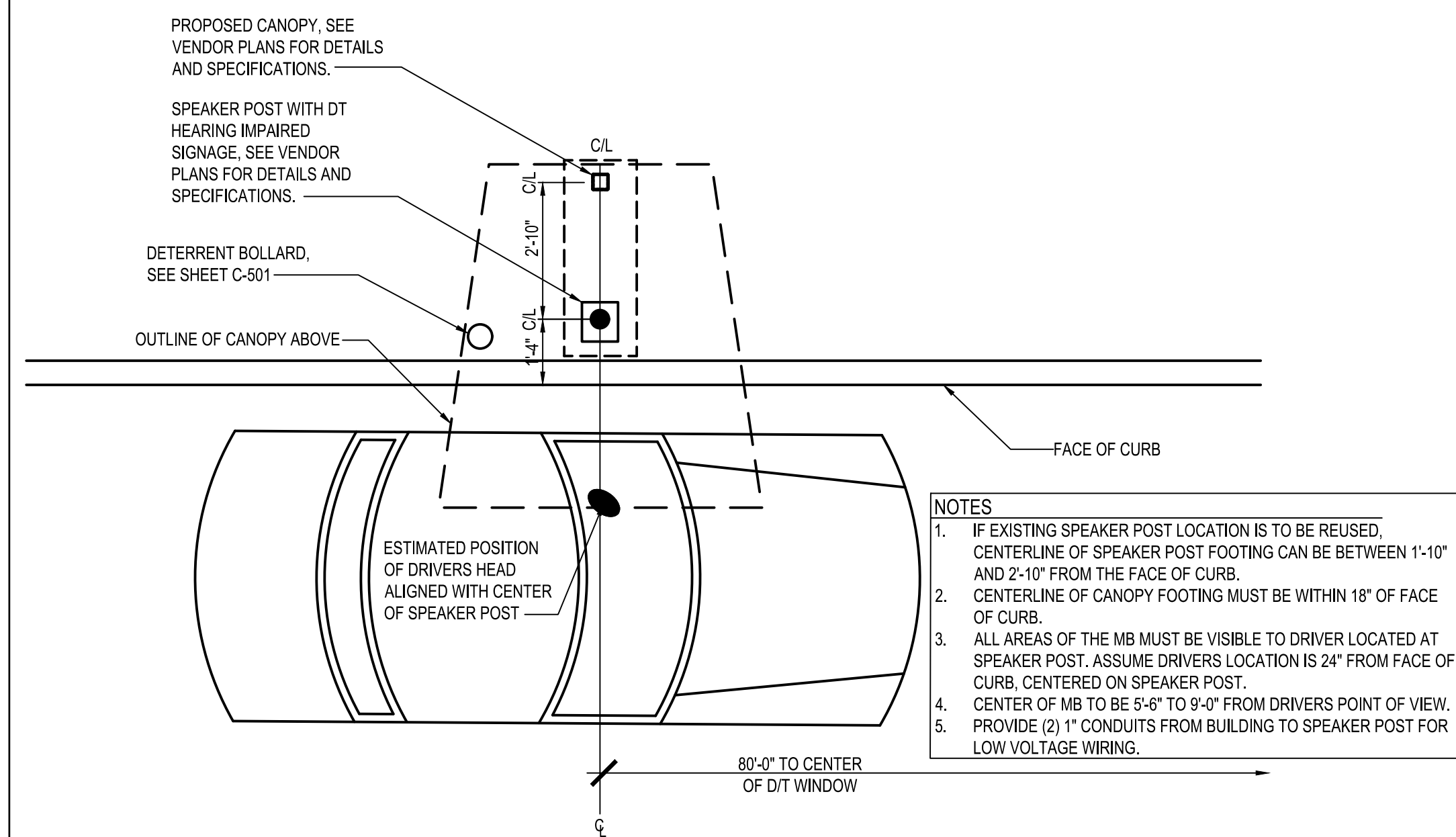
DETAILS

C-502

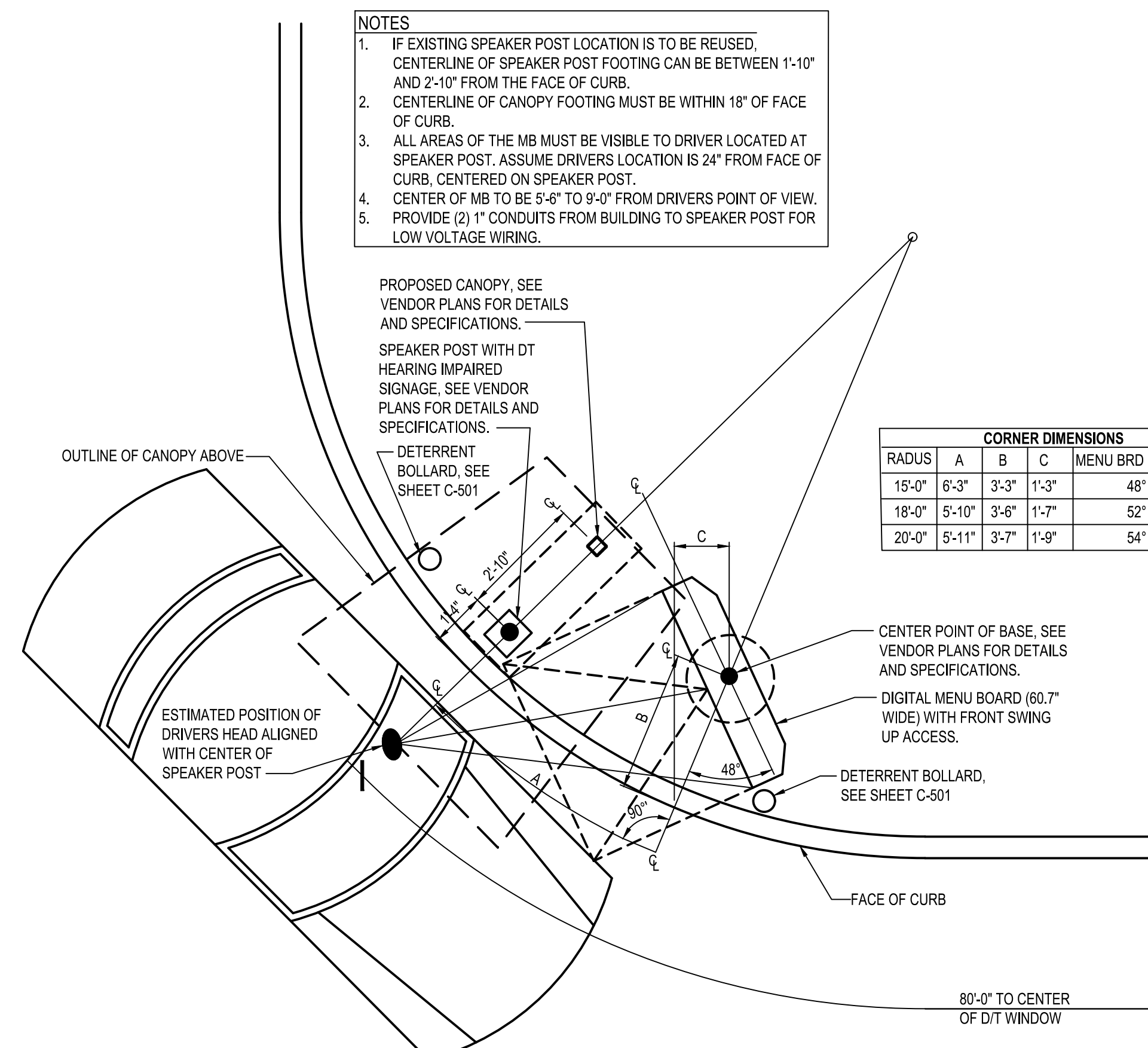
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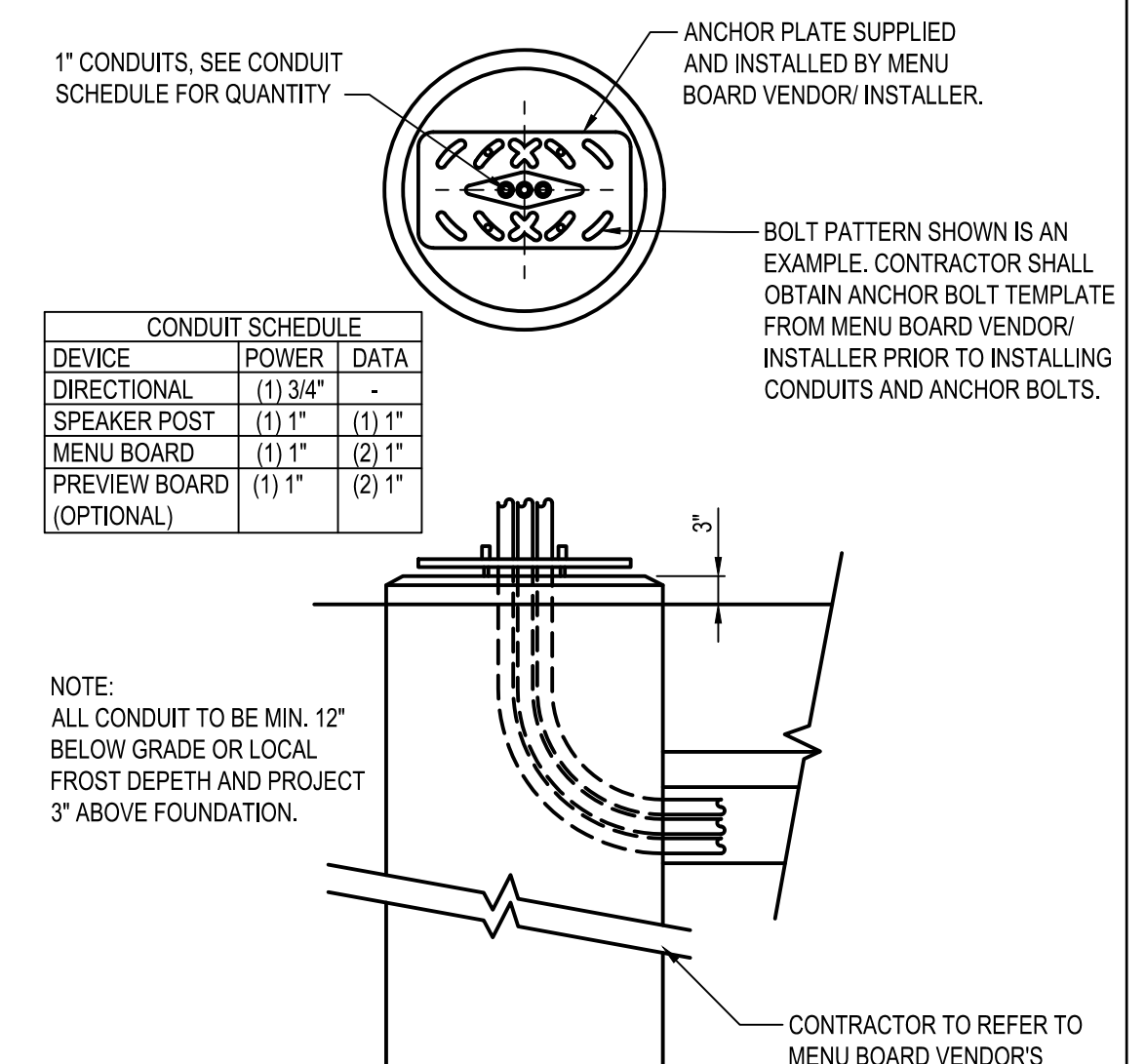
C1 PORTAL PLACEMENT DETAIL
N.T.S.



A1 ENLARGED SPEAKER POST AND CANOPY DETAIL @ STRAIGHT CURB
N.T.S.



A3 ENLARGED MENU BOARD, SPEAKER POST AND CANOPY DETAIL @ CURVED CURB
N.T.S.



A4 FOUNDATION CONDUIT DETAIL
N.T.S.

- NOTES**
- IF EXISTING SPEAKER POST LOCATION IS TO BE REUSED, CENTERLINE OF SPEAKER POST FOOTING CAN BE BETWEEN 1'-10" AND 2'-10" FROM THE FACE OF CURB.
 - CENTERLINE OF CANOPY FOOTING MUST BE WITHIN 18" OF FACE OF CURB.
 - ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT SPEAKER POST. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON SPEAKER POST.
 - CENTER OF MB TO BE 5'-6" TO 9'-0" FROM DRIVERS POINT OF VIEW.
 - PROVIDE (2) 1" CONDUITS FROM BUILDING TO SPEAKER POST FOR LOW VOLTAGE WIRING.

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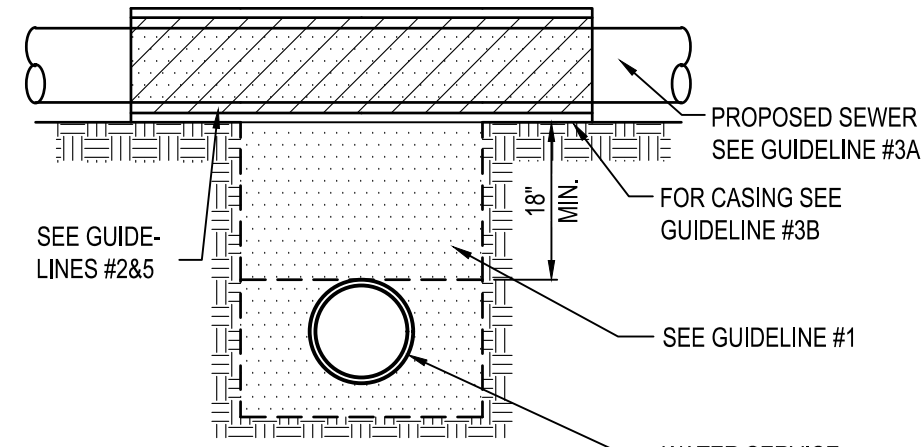
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
DETAILS

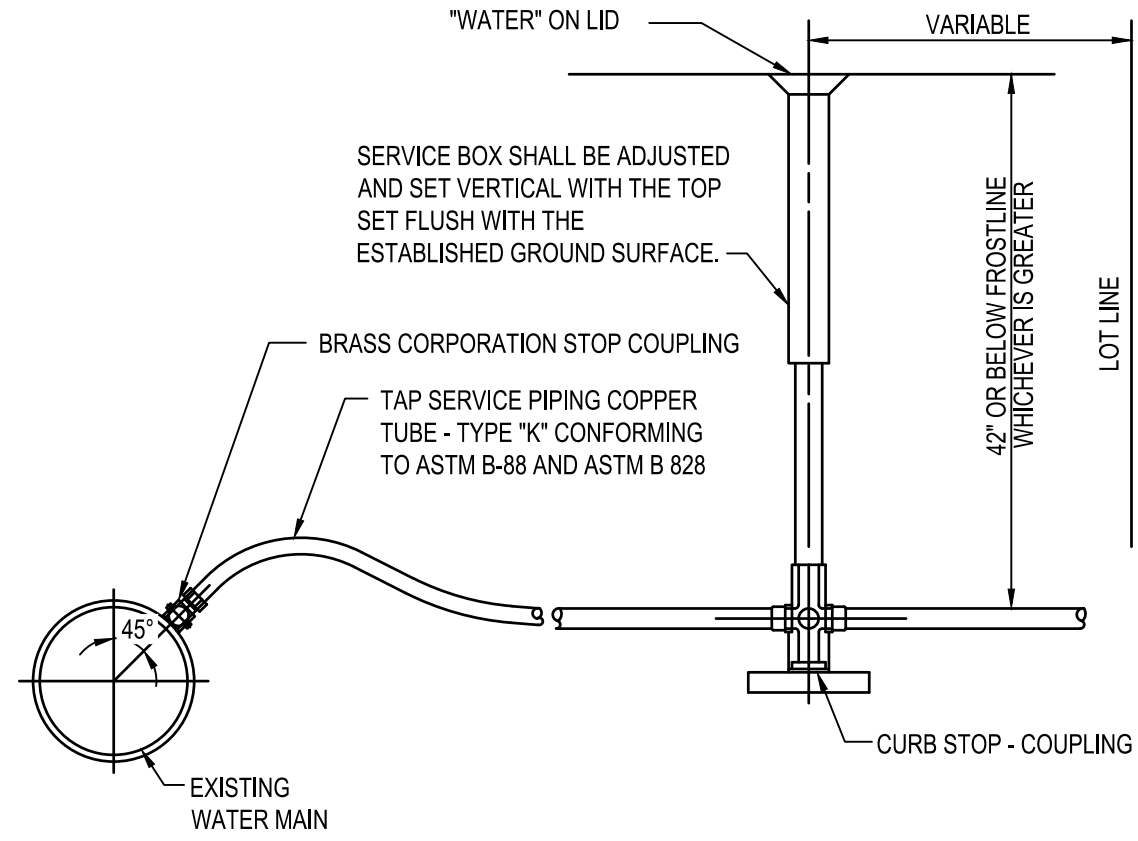
C-503

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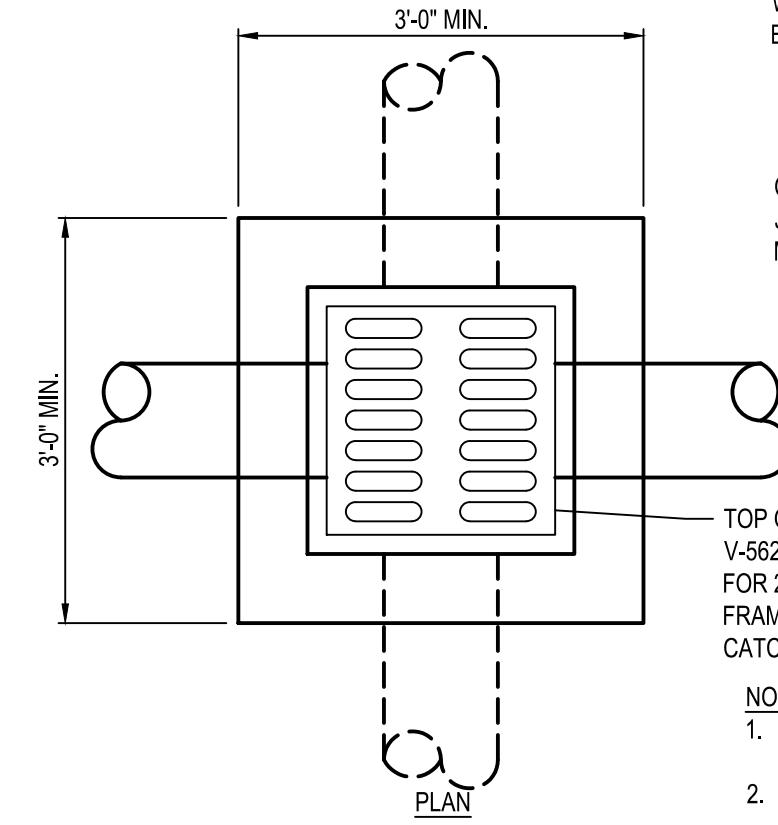


- NOTES:
PROPOSED WATER SERVICE BELOW PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION. GRANULAR MATERIAL TO BE COMPACTED TO 75% OF RELATIVE DENSITY.
- GUIDELINES:
- IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL AND COMPACT.
 - OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN
 - A. CONSTRUCT 10 FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR, B. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
 - POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
 - PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

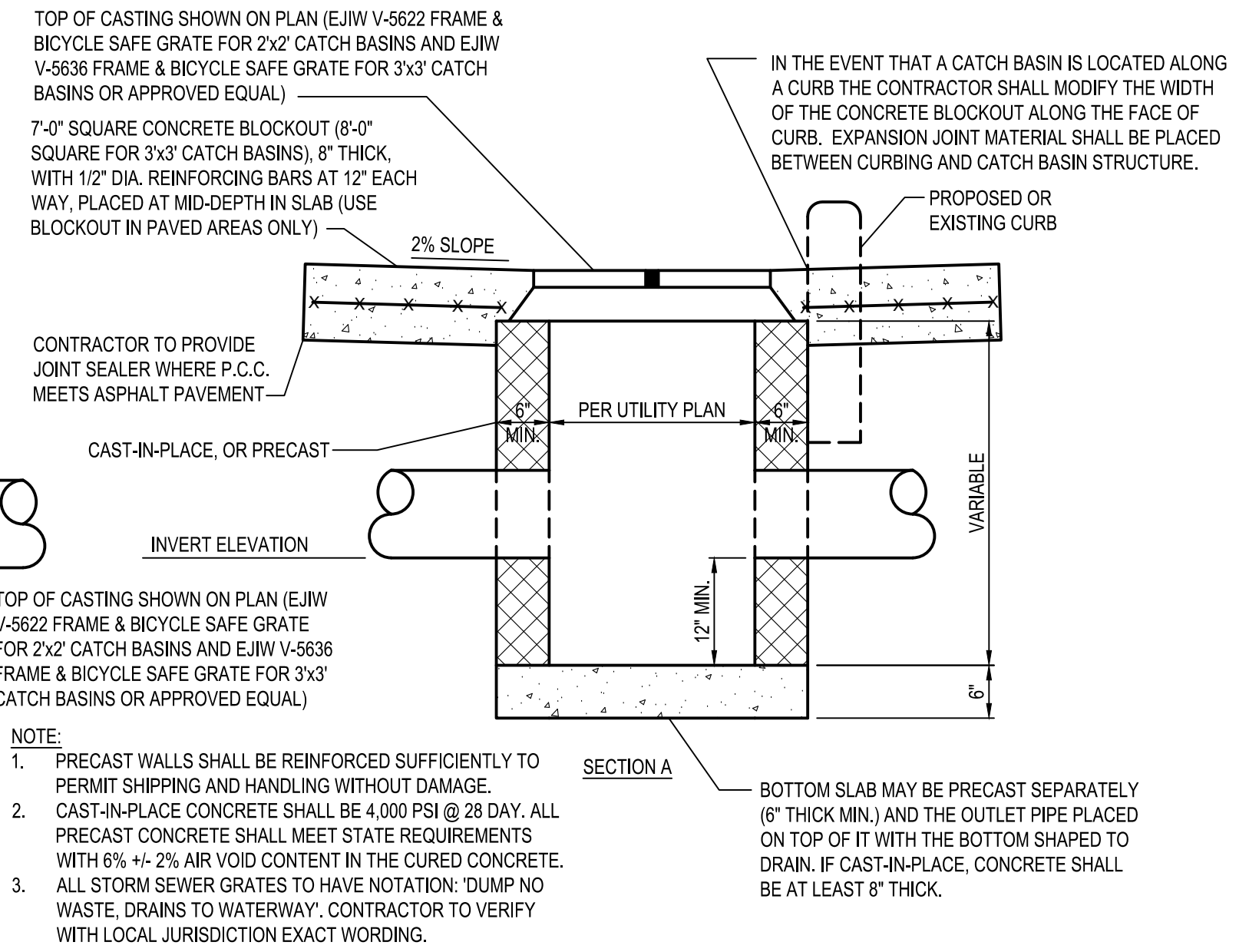
C1 WATER & SEWER TRENCH SEPARATOR
N.T.S.



C2 WATER SERVICE TAP
N.T.S.



C3 CATCH BASIN
N.T.S.

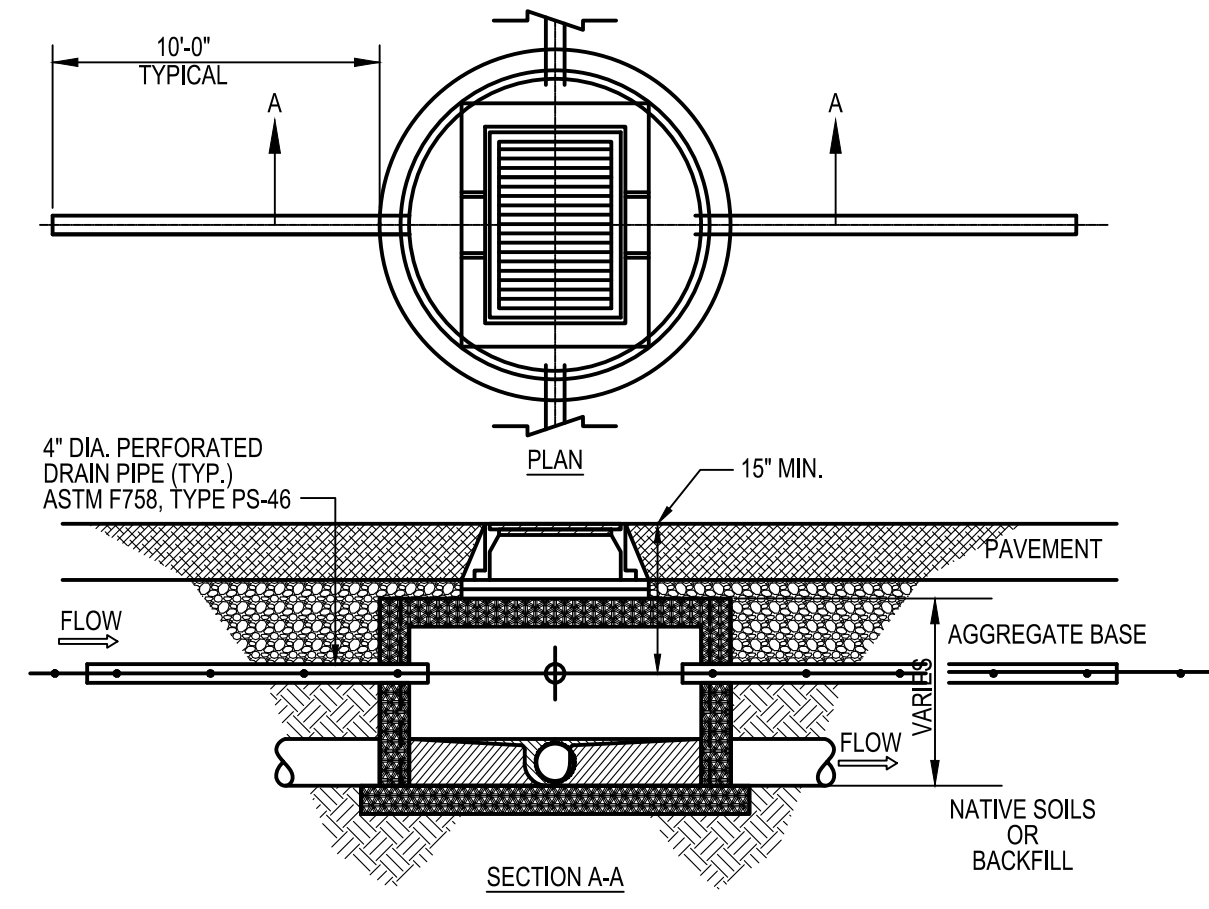


KEYED NOTES

- EXCAVATE WIDTH OF TRENCH AS NEEDED
- PLACE SUITABLE SOIL OR GRANULAR BACKFILL IN 6" MAX. LIFTS. SUITABLE SOIL SHALL BE COMPACTED TO 90% MIN. (98% MIN. UNDER PAVEMENT) DRY DENSITY, PER ASTM D698. GRANULAR BACKFILL SHALL BE COMPACTED TO 75% (80% UNDER PAVEMENT) RELATIVE DENSITY, PER ASTM 4353. GRANULAR BACKFILL REQUIRED UNDER PAVEMENT.
- PROPOSED STORM OR SANITARY SEWER
- TOPSOIL, SEED, AND MULCHING OR PAVEMENT AS DETAILED ELSEWHERE.
- NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE
- NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 6" BELOW THE BOTTOM OF THE PIPE

KEYED NOTES

- 6" DIA. CLEAN-OUT PIPE
- CAP AND SEAL CONDUIT
- THREADED CLEAN-OUT CAP
- 45° BEND
- WYE
- SEWER



B4 FINGER DRAIN DETAIL
N.T.S.

KEYED NOTES

- CONCRETE, MATCH PAVEMENT SPEC.
- 6" (MIN.) AGGREGATE BASE
- 6" DIA. CLEAN-OUT PIPE
- CAP AND SEAL CONDUIT
- THREADED CLEAN-OUT CAP
- CAST-IRON MONUMENT BOX, EJIW 1565 OR APPROVED EQUAL.
- 45° BEND
- WYE
- SEWER

A4 CLEAN OUT (PAVEMENT AREA)
N.T.S.

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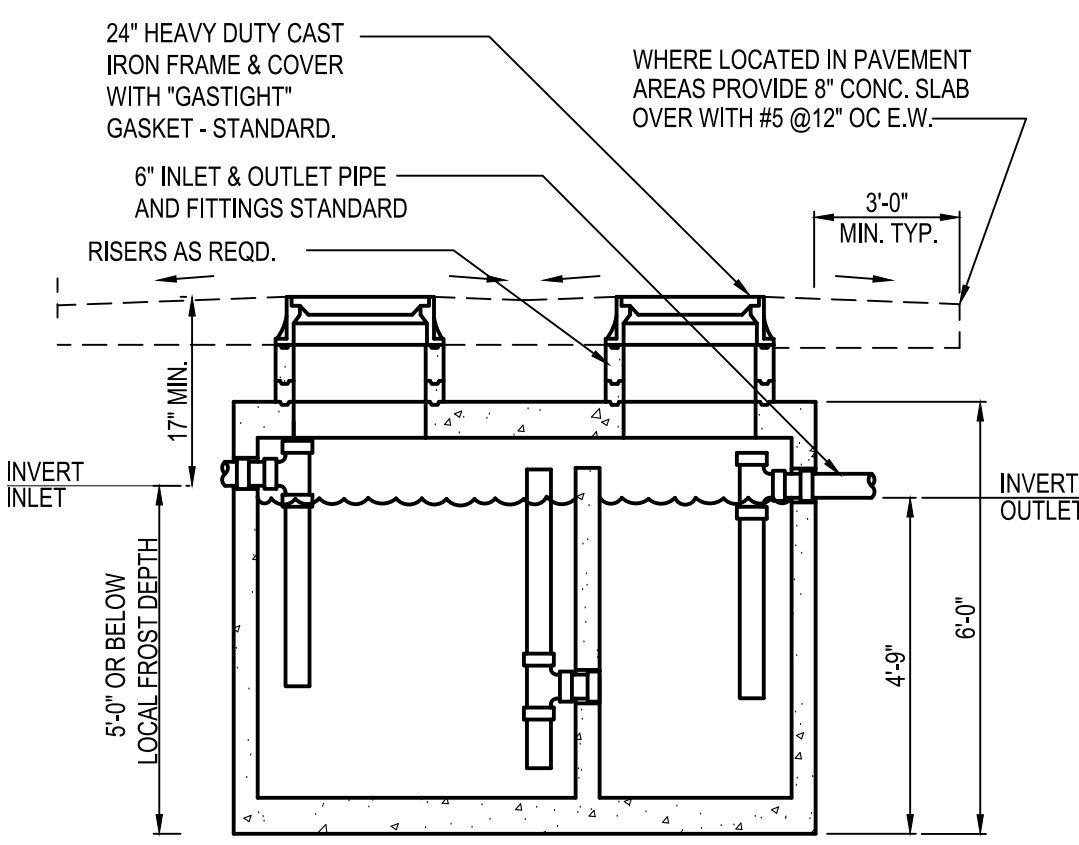
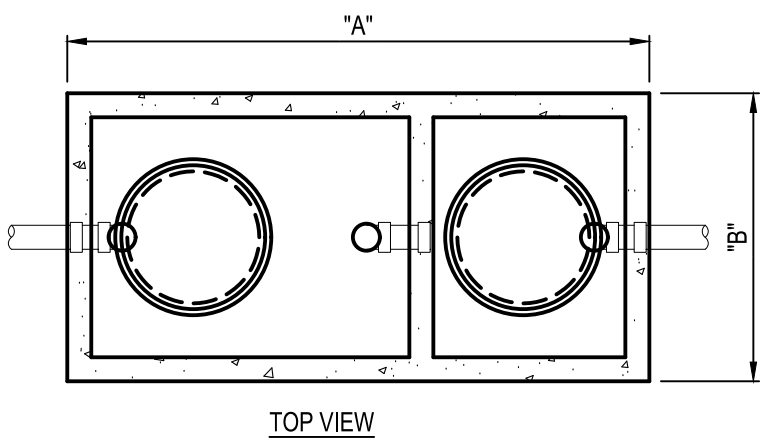


ENDEAVOR 2.0

DETAILS

C-504

PLANT DATE:

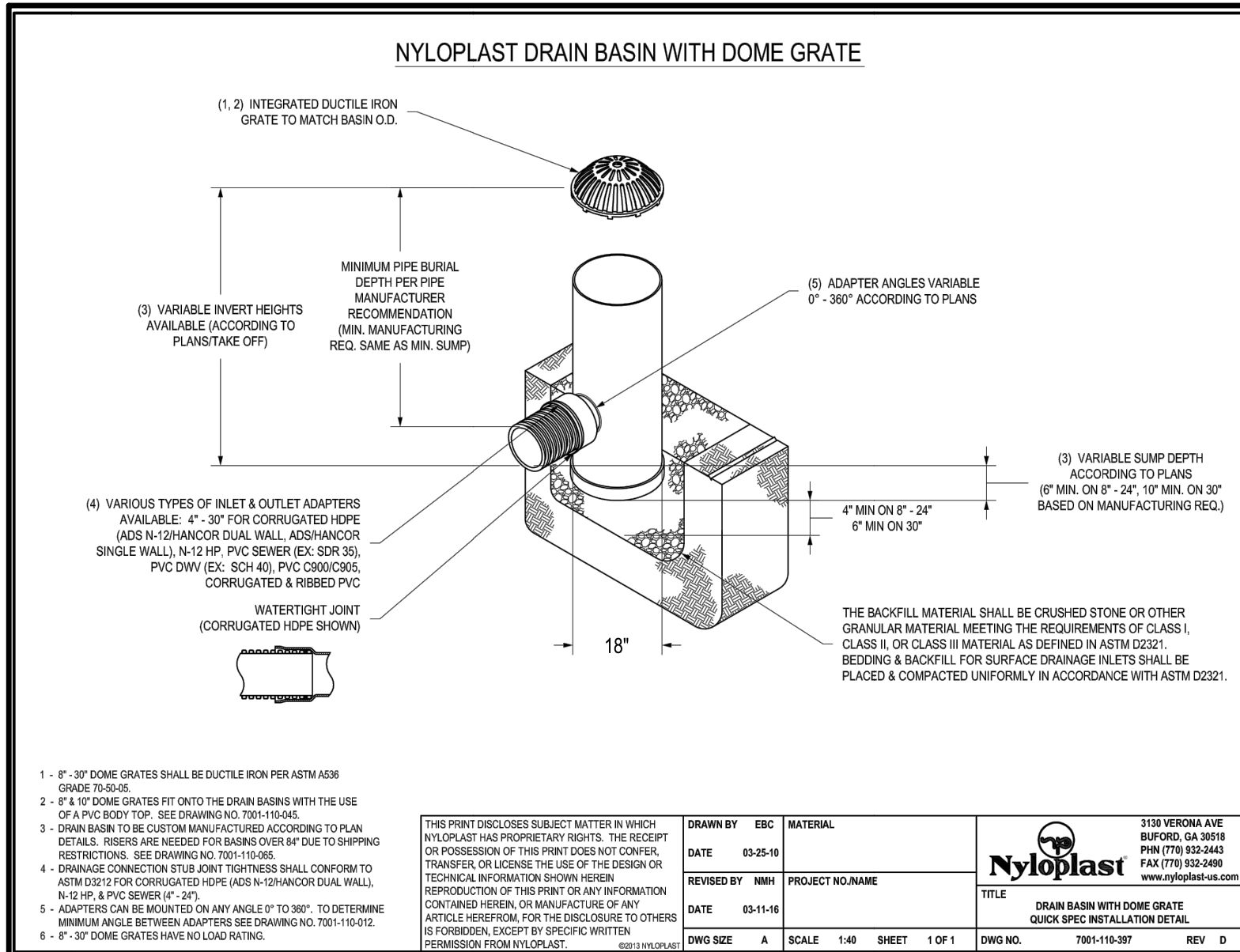


G.T. SIZE	DIM. "A"	DIM. "B"
500 GALLON	6'-2"	4'-2"
750 GALLON	8'-1"	4'-0"
1000 GALLON	8'-2"	5'-1"
1250 GALLON	8'-6"	5'-9"
1500 GALLON		

* PER MANUFACTURER SPECIFICATIONS.
GC SHALL INSTALL GREASE INTERCEPTOR (G.I.) AS APPROVED BY LOCAL WASTEWATER JURISDICTION. INSTALLATION SHALL INCLUDE VENT, SAMPLING PORT/ MANHOLE, REINF. CONCRETE TRAFFIC LID, ETC. AS REQUIRED PER WASTEWATER DEPARTMENT STANDARDS. G.I. SHALL BE DESIGNED FOR H20 VEHICLE LOADS.

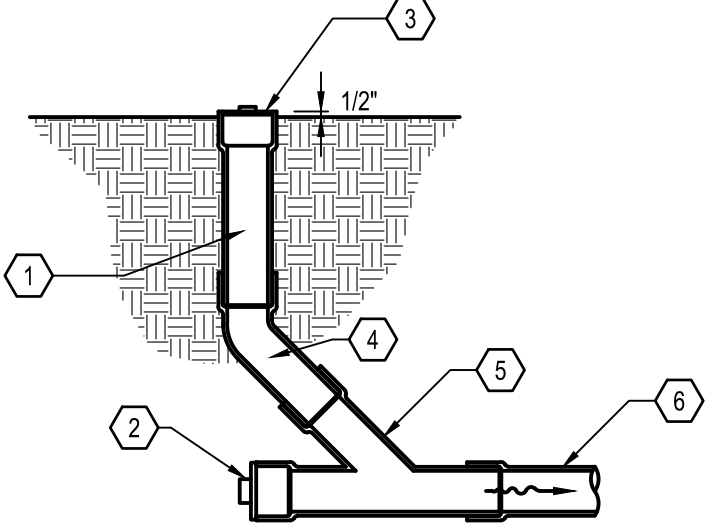
A1 EXTERIOR GREASE INTERCEPTOR
N.T.S.

B2 SEWER TRENCH
N.T.S.



A2 18" NYLOPLAST YARD DRAIN
N.T.S.

B3 CLEAN OUT (LAWN AREA)
N.T.S.



A3 WYE CONNECTION
N.T.S.

SCOPE OF WORK

- THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.
- NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

PRESERVATION/PROTECTION (IF APPLICABLE)

- CONTRACTOR SHALL MAINTAIN AND PRESERVE TREES AND SHRUBS NOT BEING REMOVED, INCLUDING THEIR ROOTS. TREE PROTECTION FENCING SHALL BE USED AT THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN 50 FEET OF CONSTRUCTION EXCEPT AS SHOWN ON PLAN. FENCING SHALL REMAIN IN PLACE UNTIL FINAL PLANT INSPECTION FOLLOWING CONSTRUCTION. MATERIALS SHALL NOT BE STOCKPILED WITHIN THIS DEFINED AREA AND VEHICLES AND OTHER EQUIPMENT SHALL BE OPERATED TO AVOID SOIL COMPACTION.
- FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA EQUAL TO TWICE THE TREE CIRCUMFERENCE (MEASURED 6" ABOVE THE GROUND LINE IN INCHES) EXPRESSED IN FEET. (EXAMPLE: A CIRCUMFERENCE OF 10" WOULD HAVE A "NO CUT" ZONE OF 20 FEET IN ALL DIRECTIONS FROM THE TREE). THIS SHOULD APPLY TO UTILITY SERVICES, IF FEASIBLE. THE ONLY EXCEPTION TO THIS REQUIREMENT WILL BE THOSE SPECIFICALLY ALLOWED BY THE LANDSCAPE ARCHITECT, SPECIFICATIONS OR AS INDICATION ON THE PLANS.
- TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

PLANT MATERIALS

- GENERAL - ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
- PLANTS - ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
- VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
- PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERRATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
- BALLED AND BURLAPPED (B&B) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANT'S SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES, AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES, AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM.
- PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPAILINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY; IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH, AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
- DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL, ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

TOPSOIL

- TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK. IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOSE, FRIABLE, LOAMY TOPSOIL WITHOUT ADMIXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
- PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

SOIL CONDITIONING

- OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL. COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
- BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
- FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
- PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
- APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

PLANTING SOIL

- PLANTING SOIL MIX SHALL BE CLEAR OF ALL STONES AND DEBRIS 1" OR LARGER, AND CONSIST OF THE FOLLOWING: 25% ORGANIC COMPOST, 75% ACCEPTABLE TOPSOIL.
- PLANTING SOIL FOR PROPOSED PLANTER BOXES, SEE ARCHITECTURAL SHEETS, SHALL BE FILLED WITH PRO-MIX BX PLANTING MEDIUM, OR APPROVED OTHER, MIXED WITH 2" OF ORGANIC COMPOST.

OTHER MATERIALS

- BED EDGING - EDGING SHALL BE 4" STEEL EDGING WITH THREE (3) METAL ANCHOR STAKES PER 20 FOOT SECTION. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.
- MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF THE FOLLOWING:
 - GRAY RIVER ROCK MULCH AREA: AGGREGATE MULCH, 3/4"-2" IN SIZE, WASHED AND ROUNDED, SHALL BE INSTALLED WITHIN THE RIVER ROCK MULCH AREA PER THE PLAN. RIVER ROCK MULCH SHALL BE INSTALLED AT 3" INCHES DEPTH.
 - NON-DRYED, DOUBLE SHREDDED HARDWOOD SHALL BE INSTALLED IN ALL OTHER LANDSCAPE BEDS OUTSIDE OF THE RIVER ROCK MULCH AREA AT A DEPTH OF 3 INCHES.
- WEED BARRIER - POLYETHYLENE FILTER FABRIC DESIGNED TO PERMIT WATER INFILTRATION WHILE PREVENTING WEED GROWTH TO BE INSTALLED IN ALL PLANTING BEDS.

GENERAL WORK PROCEDURES

- LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE INDIANA STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.
- CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.
- ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.
- ANY PROPOSED PLANT SUBSTITUTIONS SHALL BE EQUIVALENT IN FORM, HABIT, STRUCTURE, BRANCHING AND LEAF TYPE AND MUST BE ISSUED TO THE LANDSCAPE ARCHITECT FOR APPROVAL, IN WRITING, PRIOR TO INSTALLATION.

WEEDING

- BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

PLANTING

- POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE OWNER BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- PLANTING PITS SHALL BE AS PER DETAILS.
- PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL WITH PLANTING SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.
- EACH TREE AND SHRUB SHALL RECEIVE THE LANDSCAPER'S BIONUTRITION (3-0-3) GRANULAR WITH MYCORRHIZAL TECHNOLOGY FERTILIZER OR APPROVED OTHER, APPLY FERTILIZER PER MANUFACTURER'S SPECIFICATIONS.
- WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- INSTALL BED EDGING AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.
- REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
- REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

FINISH GRADING

- ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.
- ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

GROUND COVER

- SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
- MULCH GROUND COVER WITH 2" THICKNESS OF SPHAGNUM PEAT.
- IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
- ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERGENT BEFORE FINAL LANDSCAPE INSPECTION. GROUND COVER AREAS SHALL BE WEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.

GUARANTEE

- CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.

CLEANUP

- UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN "ACCEPTABLE CONDITION" SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

LANDSCAPE NOTES & PLANTING SPECIFICATIONS

IRRIGATION

- CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE.
- IRRIGATED AREAS WITHIN 5 FEET OF BUILDING WALLS SHALL BE IRRIGATED BY DRIP IRRIGATION OR SIMILAR. CONTRACTOR SHALL ENSURE BUILDING WALLS AND WINDOWS WILL NOT BE DAMAGED OR STAINED BY IMPROPER IRRIGATION INSTALLATION OR POOR SELECTION OF FIXTURES.
- SYSTEM SHALL INCLUDE ALL SPRINKLER FIXTURES, DRIP TUBING, PIPING, VALVES, WIRING AND CONTROLS TO PROVIDE A COMPLETE FUNCTIONAL SYSTEM THAT SHALL COMPLY WITH CITY CODE.
- IRRIGATION CONTRACTOR SHALL PROVIDE A METHOD FOR WINTERIZATION. WINTERIZATION SHALL BE PERFORMED BY CONTRACTOR UPON COMPLETION IF SYSTEM IS INSTALLED BETWEEN NOVEMBER 1 AND MARCH 31.
- PRIOR TO UPDATING THE IRRIGATION SYSTEM, A CERTIFIED IRRIGATION DESIGNER SHALL PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
- UPON APPROVAL OF SHOP DRAWINGS, THE UPDATED IRRIGATION SYSTEM SHALL BE APPROVED BY OWNER FOR FINAL ACCEPTANCE.

MAINTENANCE

(MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

- MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.
- MAINTAIN LAWNS BY WATERING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
- REPLACE ANY REQUIRED PLANTING(S), WHICH SEVERELY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT APPROPRIATE PLANTING SEASON.

SODDING

- SOD SHALL BE FIRST GRADE CERTIFIED BLENDS OF THE FOLLOWING SPECIES PER HARDINESS ZONE CONTAINING NOT MORE THAN 30 PERCENT OF OTHER GRASSES AND CLOVERS, AND FREE FROM ALL NOXIOUS WEEDS.

	ZONES 3, 4 & 5: APPROVED BLUE GRASS BLEND
	ZONE 6: APPROVED FESCUE BLEND
	ZONES 7 & 8: APPROVED BERMUDA BLEND
	ZONES 9 & 10: APPROVED ST AUGUSTINE FLORATAM BLEND
- SOD SHALL BE RECENTLY MOWED TO A HEIGHT OF NOT LESS THAN 3 INCHES. IT SHALL BE CUT INTO STRIPS OF NOT LESS THAN 3 FEET AND NOT OVER 6 FT. WITH A UNIFORM WIDTH OF NOT OVER 24 INCHES.
- SOD SHALL BE CUT TO A DEPTH EQUAL TO THE GROWTH OF THE FIBROUS ROOTS BUT IN NO CASE LESS THAN 1 INCH.
- SOD SHALL BE DELIVERED TO THE JOB WITHIN 24 HOURS AFTER BEING CUT AND SHALL BE INSTALLED WITHIN 48 HOURS AFTER BEING CUT.
- BEFORE SOD IS PLACED, THE SOD BED WILL HAVE BEEN EXCAVATED TO SUCH A DEPTH THAT WHEN THE SOD IS IN PLACE THE TOP OF THE SOD WILL BE FLUSH WITH THE SURROUNDING GRADE.
- NO SOD SHALL BE PLACED WHEN THE TEMPERATURE IS BELOW 32 DEGREES F. NO FROZEN SOD SHALL BE PLACED NOR SHALL ANY SOD BE PLACED ON FROZEN SOIL. WHEN SOD IS PLACED BETWEEN THE DATES OF JUNE 1ST AND OCTOBER 15TH, IT SHALL BE COVERED IMMEDIATELY WITH A STRAW MULCH 1 INCH THICK (LOOSE MEASUREMENT).
- AFTER LAYING, THE SOD SHALL BE WATERED THOROUGHLY AND TAMPED WITH APPROVED SOD TAMPERS SUFFICIENTLY TO BRING THE SOD INTO CLOSE CONTACT WITH THE SOD BED AND INSURE TIGHT JOINTS BETWEEN THE SECTIONS OR STRIPS.
- THE CONTRACTOR SHALL KEEP ALL SODDED AREAS INCLUDING SUBGRADE, THOROUGHLY MOIST FOR 30 DAYS AFTER SODDING.
- THE CONTRACTOR SHALL REPAIR ANY AREAS DAMAGED FOLLOWING INSTALLATION AS DIRECTED BY THE ENGINEER. SOD SHALL BE IN PLACE AT LEAST 30 DAYS BEFORE FINAL ACCEPTANCE.

SEEDING

- GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL SEED ANALYSTS' "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
- ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN FIVE POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS. GRASS SEED MIX SHALL CONSIST OF THE FOLLOWING:

PROPORTION	NAME	MIN.% GERM.	MIN.% PURE SEED	MAX.% WEED SEED
30%	KENTUCKY BLUEGRASS (POA PRATENSIS)	80	85	0.50
30%	CREeping RED FESCUE (FESTUCA RUBRA)	85	98	0.50
20%	PERENNIAL RYE GRASS (LOLIUM PERENNE)	90	98	0.50
20%	ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	85	92	1.00

PLANTING SCHEDULE

- ALL PLANTING IS RECOMMENDED TO BE DONE WITHIN THE FOLLOWING DATES. WHEN PLANTING OUTSIDE THESE DATES, WRITTEN DOCUMENTATION SHALL BE PROVIDED THAT SURVIVAL OR REPLACEMENT WILL BE ENSURED. NO PLANTING SHALL BE DONE IN FROZEN SOIL.

NORMAL PLANTING SEASONS	SPRING	FALL
ALL TREES AND SHRUBS	MARCH 15-MAY 15	OCTOBER 1-DECEMBER 1
EVERGREENS	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15
GROUNDCOVERS	APRIL 1-JUNE 1	WHEN SOD IS WORKABLE
SEED AND MULCH	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15



520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2101

DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0

LANDSCAPE NOTES

L-001

PLANT DATE:

PLANT LIST

Symbol	Botanical Name	Common Name	Qty.	Min. Size	Condition	Remarks
Bx	Buxus x 'Green Gem'	Green Gem Boxwood	19	24" H	B&B	3' o/c
Ca	Carpinus caroliniana 'J.N. Globe'	Ball O' Fire American Hornbeam	2	2" Cal.	B&B	Single stem, limbed up
Hb	Hemerocallis 'Going Bananas'	Going Bananas Daylily	74	No. 1	Cont.	1.5' o/c
Fg	Festuca gluca	Blue Fescue	19	No. 2	Cont.	Per Plan
Gt	Gleditsia triacanthos f. inermis 'Skyline'	Skyline Honeylocust	2	2" Cal.	B&B	Specimen
Jc	Juniperus chinensis 'Sea Green'	Sea Green Juniper	39	24" H	B&B	3.5' o/c
Pf	Potentilla fruticosa 'Goldfinger'	Goldfinger Potentilla	37	24" H, No. 3	Cont.	3' o/c
Pv	Prunus virginiana 'Canada Red'	Canada Red Chokecherry	2	1.5" Cal.	B&B	Matching
Ra	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	15	18" Sprd, No. 3	Cont.	4.5' o/c
Sj	Spiraea japonica 'Double Play' 'Candy Corn'	Double Play Candy Corn Spirea	29	No. 3	Cont.	2' o/c
Te	Thuja occidentalis 'Smaragd'	Emerald Arborvitae	16	5' H	B&B	4' o/c
Tr	Thuja occidentalis 'Rheingold'	Rheingold Arborvitae	8	24" H Min.	B&B	3' o/c
Uf	Ulmus x 'Frontier'	Frontier Elm	4	2" Cal.	B&B	Specimen
Yf	Yucca filamentosa 'Color Guard'	Color Guard Yucca	7	No. 5	Cont.	Per Plan

LANDSCAPE NOTES (#)

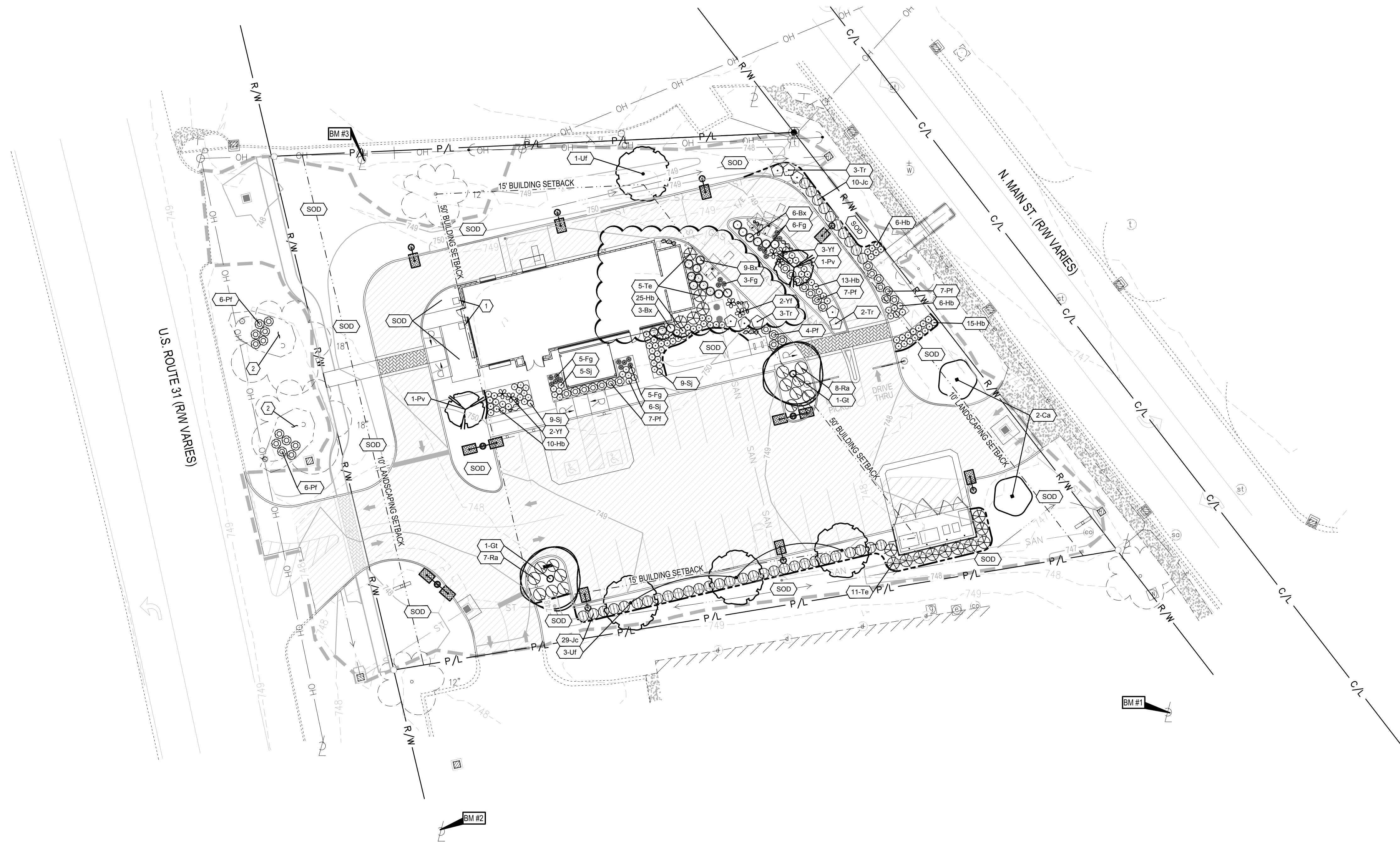
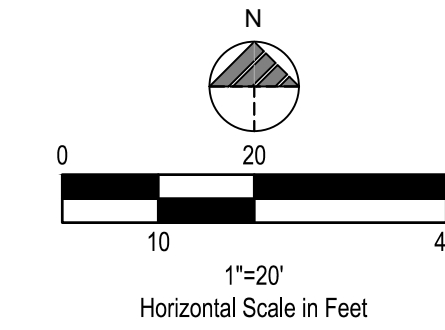
- PROPOSED PLANTERS (TYP. OF 2), SEE ARCHITECTURAL SHEETS. SEE SHEET L-001 FOR PLANTING SOIL SPECIFICATIONS. LANDSCAPE CONTRACTOR TO DISCUSS ANNUAL COLOR BED OPTIONS WITH THE OWNER/OPERATOR PRIOR TO INSTALLING.
- EXISTING MULCHED PLANTING BED SHALL REMAIN. BE RENOVATED WITH NEW MULCH ACCORDING TO SPECIFICATIONS ON SHEET L-001.

LANDSCAPE NOTES

- ALL DISTURBED AREAS WITHIN THE ROW NOT TO BE PAVED SHALL BE SEEDED PER SPECIFICATIONS ON SHEET L-001.
- ALL DISTURBED AREAS NOT TO BE PAVED OR MULCHED SHALL BE SODDED PER SPECIFICATIONS ON SHEET L-001.

LANDSCAPE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING LANDSCAPE BED EDGE
- PROPOSED LANDSCAPE BED EDGE
- LIMITS OF DISTURBANCE
- PROPOSED TREE
- PROPOSED SHRUB / PERENNIAL
- PROPOSED LIMESTONE BOULDER, DESERT SAND, 12"-36"
- PROPOSED PLANT QUANTITY AND SYMBOL
- PROPOSED LAWN AREA
- PROPOSED RIVER ROCK MULCH AREA, SEE MULCH NOTES ON SHEET L-001
- PROPOSED IMPERVIOUS SURFACE FOR VEHICULAR USE



LANDSCAPE CALCULATIONS

PARKING LOT PERIMETER CALCULATION: SOUTH		
220 LF	REQUIRED	PROVIDED
TREES	2.75	3
SHRUBS	2.75	29

PARKING LOT PERIMETER CALCULATION: EAST		
145 LF	REQUIRED	PROVIDED
TREES	1.8	2
SHRUBS	1.8	13

PARKING LOT PERIMETER CALCULATION: WEST		
35 LF	REQUIRED	PROVIDED
TREES	.4	2 EXISTING
SHRUBS	.4	12

PARKING LOT INTERIOR CALCULATION:		
PAVED SURFACE: 16,882 SF	REQUIRED	PROVIDED
LANDSCAPE ISLANDS (5%)	844 SF	3,084 SF
TREES	2.8	4

SITE INTERIOR TREE CALCULATION:		
TOTAL SITE: 33,603 SF	REQUIRED	PROVIDED
25% = 8,400 SF	6 TREES	1 EXISTING 5 TREES



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO.: 2101134995

BENCHMARKS:

STATE PLANE GRID NORTH, NAD 83 (2011), INDIANA EAST ZONE. ELEVATIONS ARE NAVD 88, GEOID 12B. TIED BY GNSS TO THE I.N.D.O.T. VRS.

BENCHMARK #1 - BOX CUT E-SIDE LIGHTPOLE BASE
N 1546573, E 216072
ELEVATION=752.05

BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE
N 1546534, E 215831
ELEVATION=751.11

BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE
N 1546756, E 215806
ELEVATION=750.40



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CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131

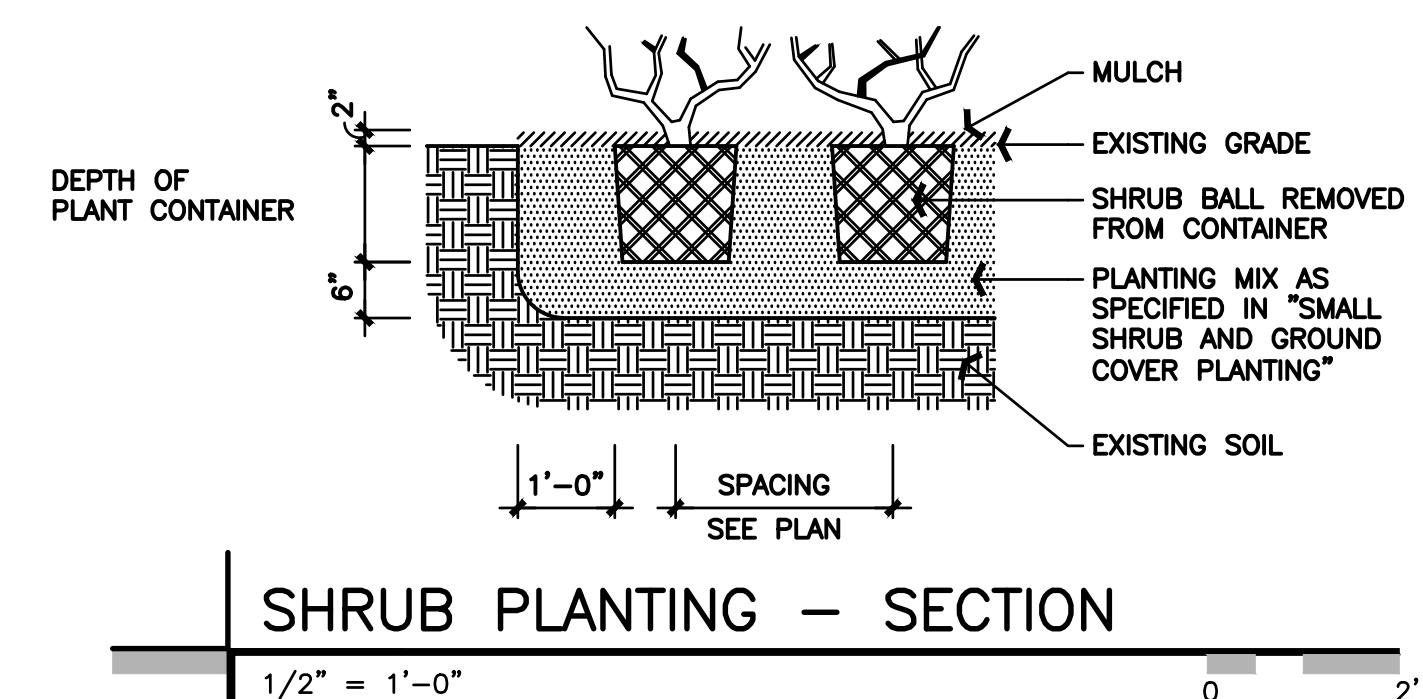
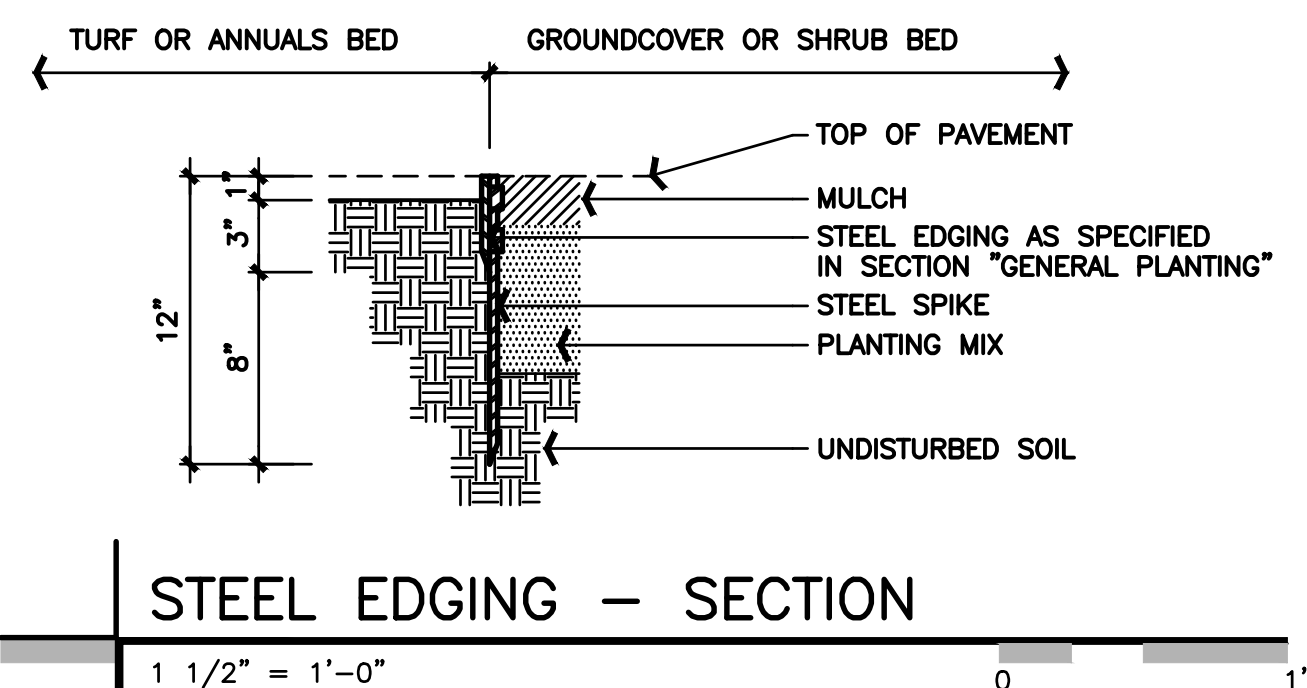
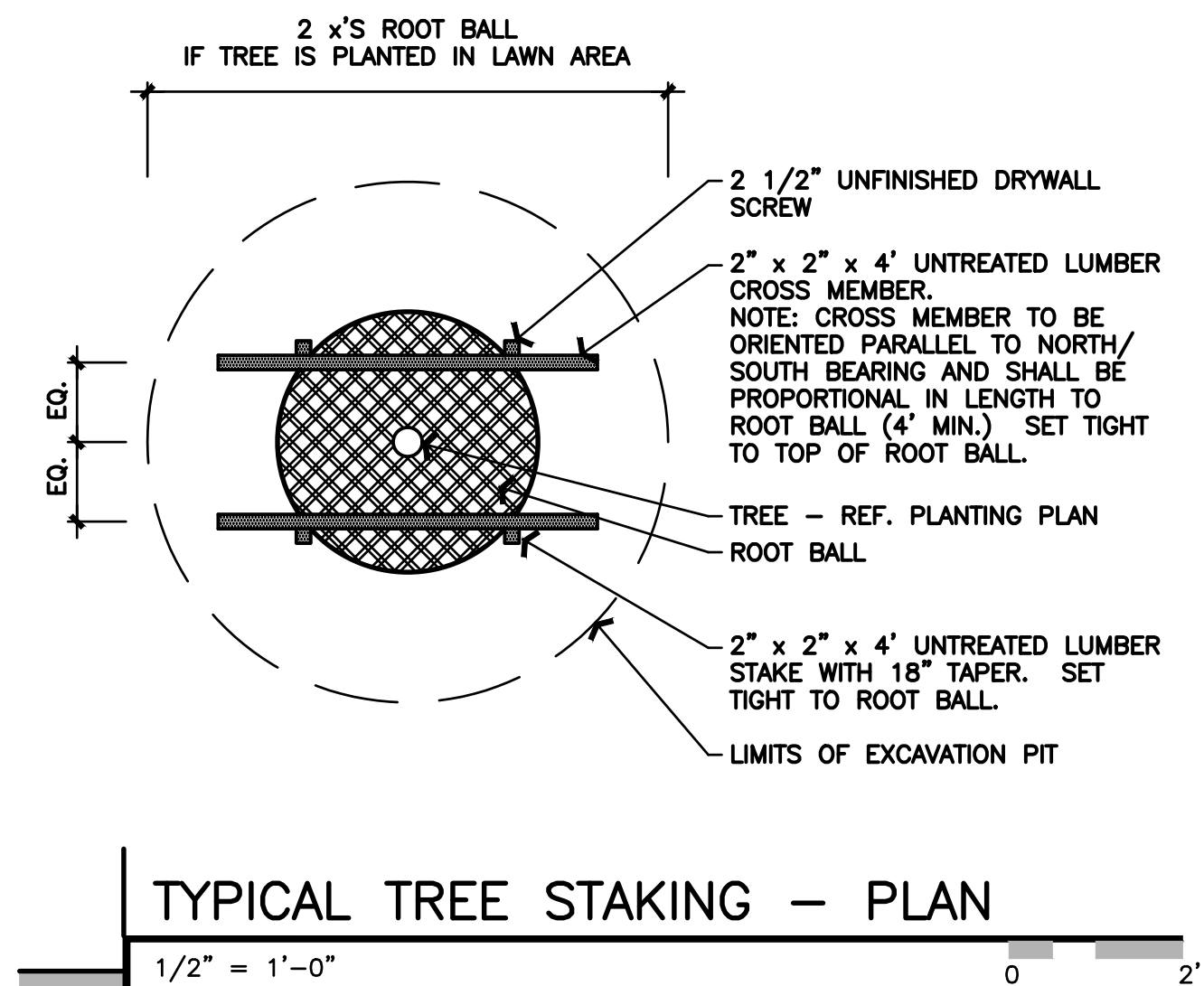
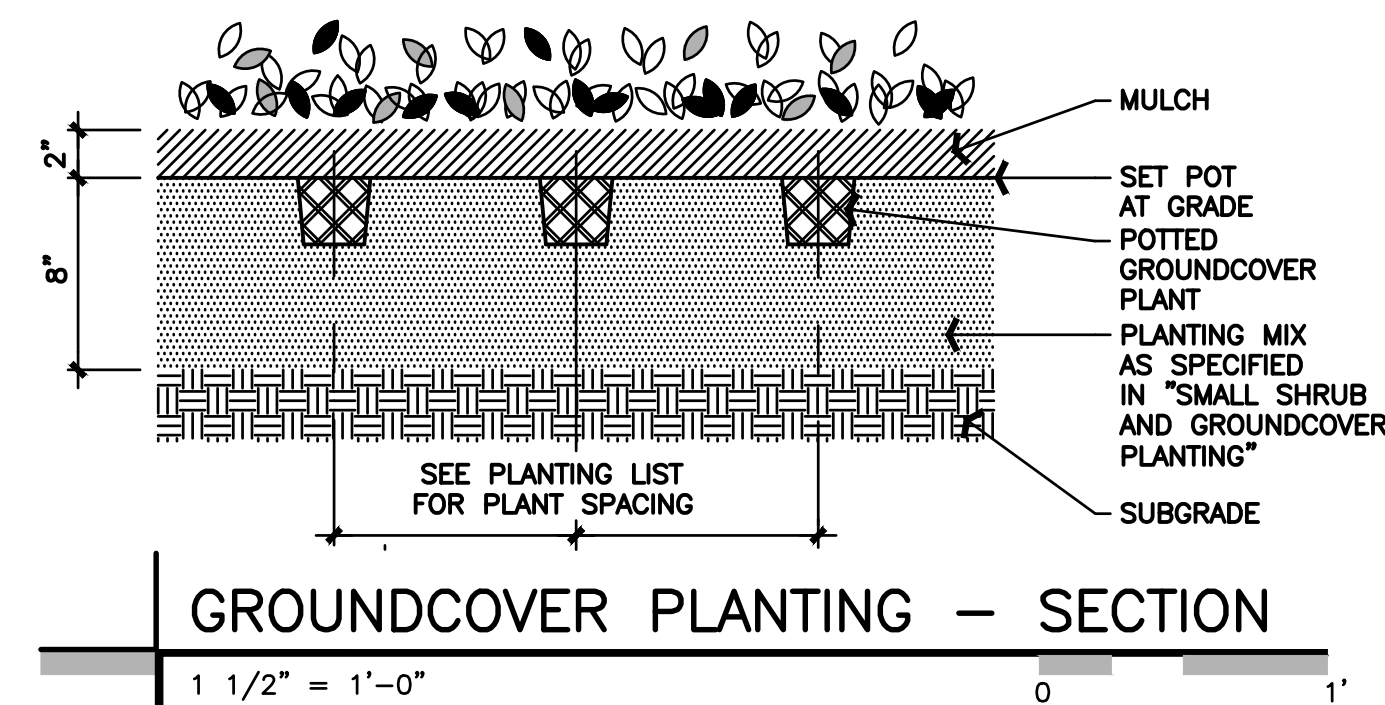
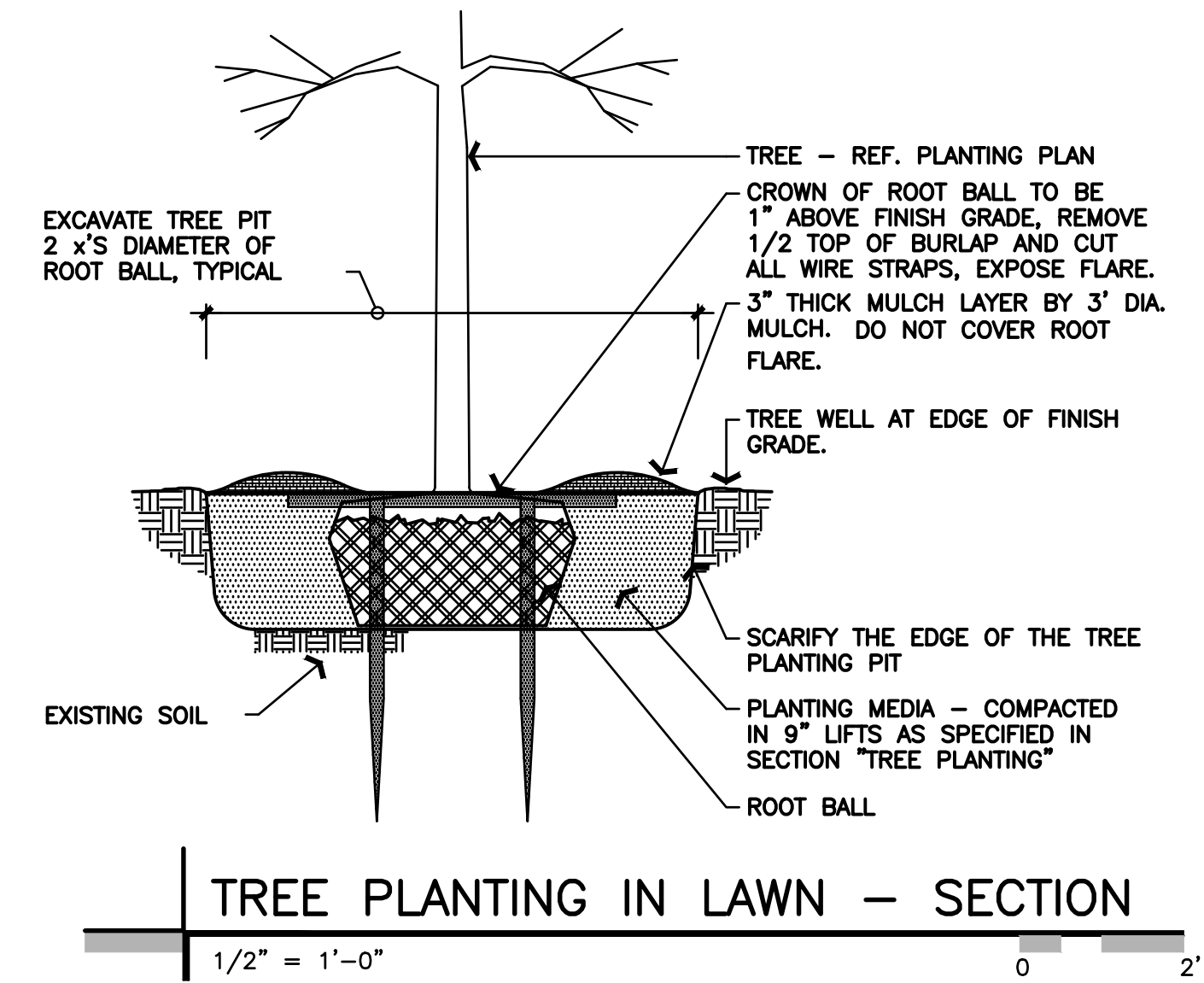
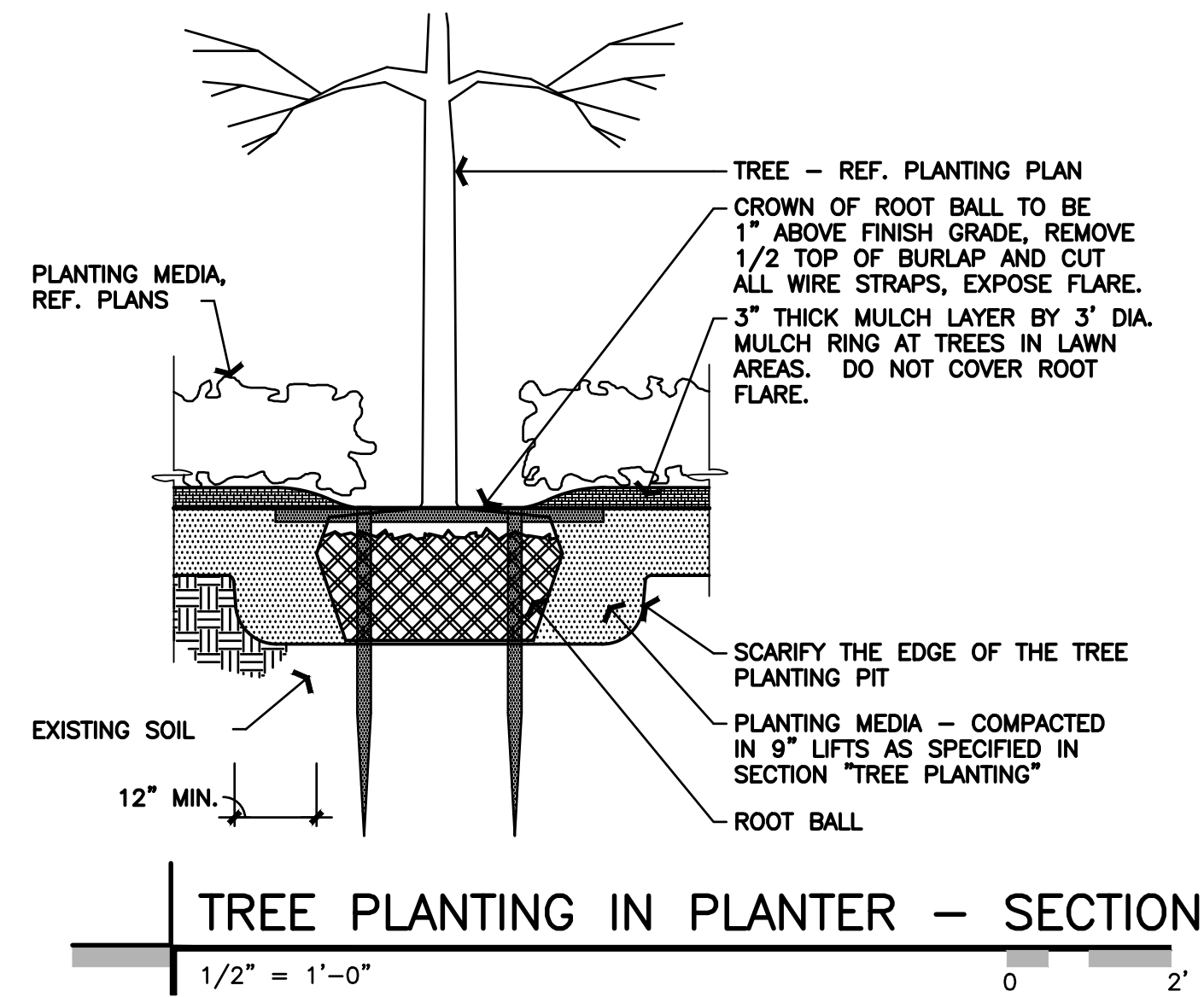


ENDEAVOR 2.0

LANDSCAPE PLAN

L-101

PLANT DATE:



DATE	REMARKS
1/20/22	ISSUED FOR BID

CONTRACT DATE: 02.01.21
BUILDING TYPE: END20
PLAN VERSION: MARCH 2020
BRAND DESIGNER:
SITE NUMBER: 294252
STORE NUMBER: 2679
PA/PM: JW
DRAWN BY.: TW
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0

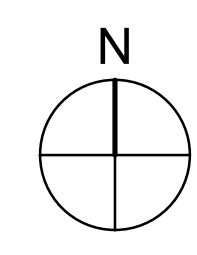
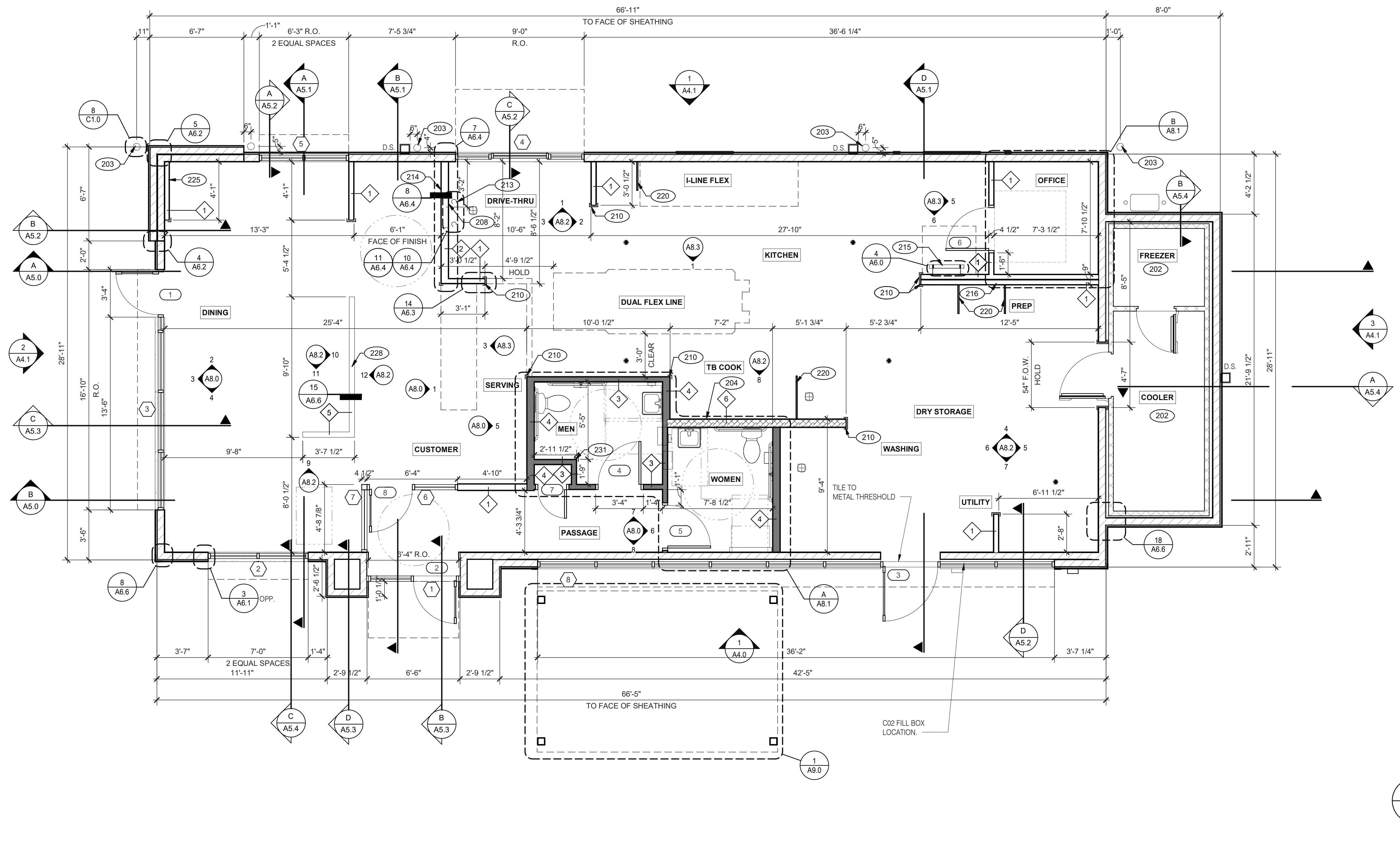
LANDSCAPE
DETAILS

L-501

PLOT DATE:



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL

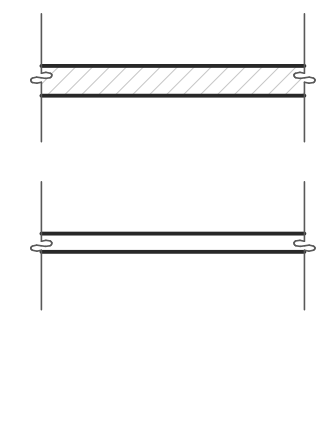
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 FLOOR PLAN

A1.0

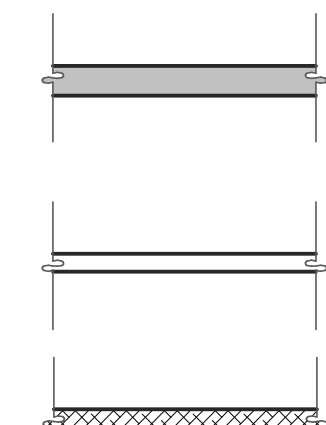
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TYPICAL EXTERIOR WALL:
2X6 WD STUDS AT 16" O.C. W/ SHEATHING AS SCHEDULED (SEE STRUCT. DWGS.) AND R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE 2 LAYERS OF GRADE 'D' 60 lb BUILDING PAPER.

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 7 3 5/8" 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 PLYWOOD 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 **E**

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

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

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

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

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

FLOOR PLAN NOTES **D**

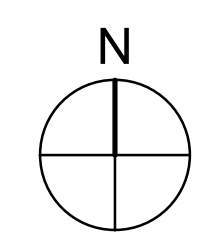
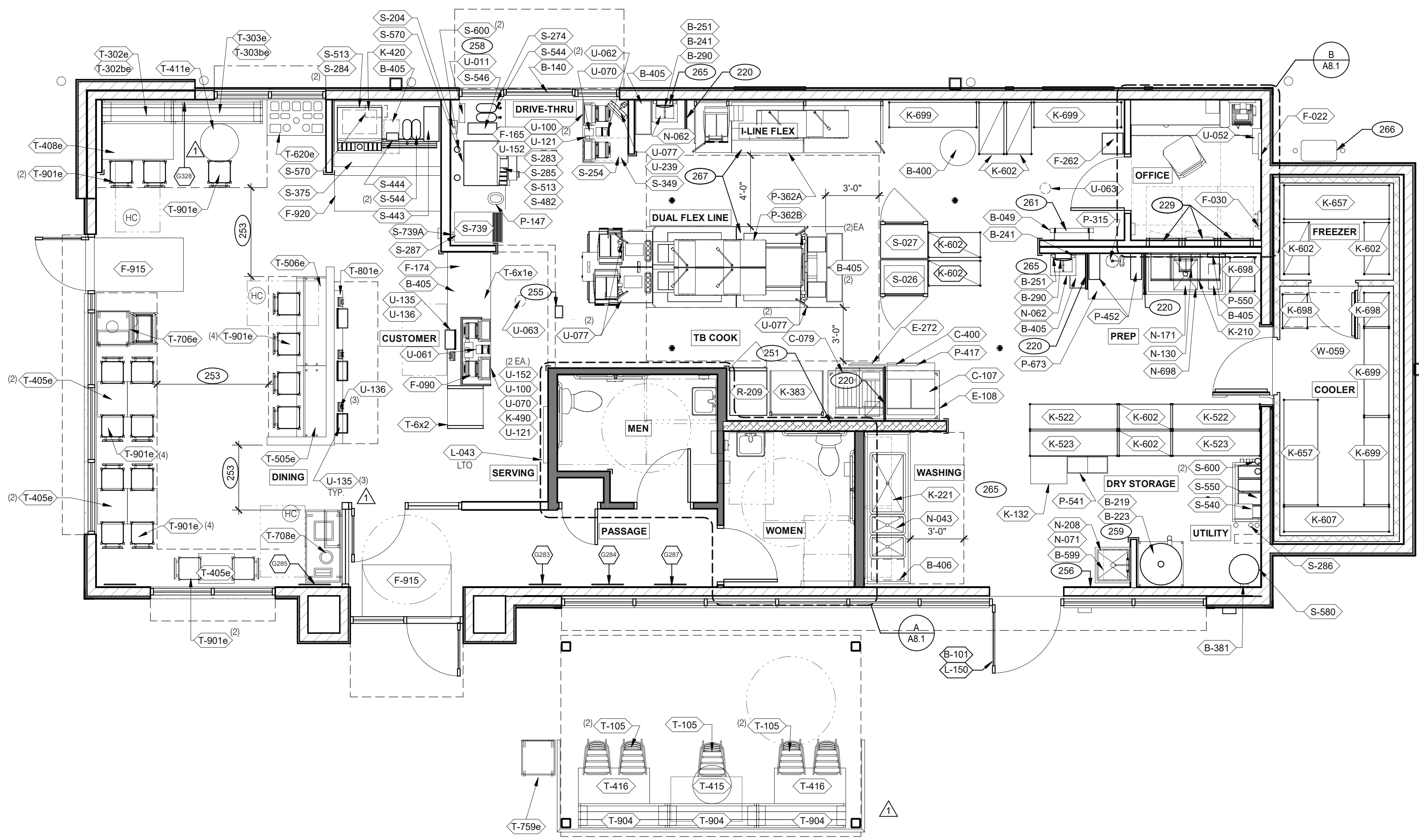
- 202 NO FRP BEHIND W-059 WALK-IN COOLER/FREEZER.
- 203 PIPE BOLLARD. SEE CIVIL DRAWINGS.
- 204 HOOD WALL, SEE WALL LEGEND.
- 208 KEEP CLEAR FOR UTILITIES & SYRUP LINES.
- 210 S.S. CORNER GUARD/WALL CAP [TM-2], TYP. ALL CORNERS IN BACK OF HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. 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.
- 215 ROOF LADDER.
- 216 ADD SECOND 2X4 WALL ON KITCHEN SIDE.
- 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.

KEY NOTES **B**

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520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



DATE	REMARKS
08.03.21	Issued for Permit
1 10.15.21	NTP Comments
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY: RS
JOB NO.: 2018088.31

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

TAG	QTY	ITEM DESCRIPTION	TAG	QTY	ITEM DESCRIPTION
T-6x1e	1	GO MOBILE COUNTER	T-708e	1	WASTE ENCLOSURE - 3 STREAM
T-6x2	1	25in. TOGO Cubby	T-759e	1	WASTE ENCLOSURE - SINGLE
T-105	5	RETRO CHAIR - 18	T-801e	1	KIOSK 1/2 TOWER
T-302be	1	BENCH BACK REST - 60"	T-901e	17	CHAIR - LAMINATE SEAT
T-302e	1	BENCH SEAT - 48"	T-904	6	BENCH SEAT - 60"
T-303be	1	BENCH BACK REST - 60"			
T-303e	1	BENCH SEAT - 60"			
T-405e	5	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP			
T-408e	1	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP			
T-411e	1	SS TABLE - 24 DIA X 30 - 2 TOP			
T-415	1	SS TABLE - 24 DIA X 30 - 2 TOP			
T-416	2	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP			
T-505e	1	COUNTER TOP - 48" X 20" X 30"			
T-506e	1	COUNTER TOP - 60" X 20" X 30"			
T-620e	1	CONDIMENT COUNTER - RECTANGLE			
T-706e	1	WASTE ENCLOSURE - SINGLE			

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

QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
1	GM - LP MURAL	E	M01	CUSTOM	SEE A8.0
1	GM - CW	E	F01	28x40	SEE A8.0
1	GM - BELL	E	F02	28x40	SEE A8.0
1	GM - ORG	E	F01	28x40	SEE A8.0
1	GM - LP	E	F01	28x40	SEE A8.0
1	GM - CW2	E	F01	28x40	SEE A8.0
	GM - SKIP THE LINE	E	M02	48x96	SEE A4.1
	GM - ORDER AHEAD	E	M02	48x96	SEE A4.1

ARTWORK SCHEDULE D

STORAGE TYPE	LINEAR FT.
DRY STORAGE	50
COLD STORAGE	26
FROZEN STORAGE	12

SHELVING QUANTITIES C2

- DECOR**
- REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITY
 - (HC) SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.
- GENERAL NOTES C1**
- 220 SPLASH GUARD. SEE DETAIL 9/A6.3.
 - 229 ELECTRICAL PANELS.
 - 251 HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
 - 253 MAINTAIN 36" MIN. CLEAR ACCESSIBLE AISLE EGRESS PATHS TO EXIT DOORS, 32" AT DOORWAYS AND CASPED OPENINGS. (42" AISLE REQUIRED WHEN AISLE SERVES MORE THAN 50 SEATS)
 - 255 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
 - 256 PULL STATION @ 3'-8" A.F.F.
 - 258 COORDINATE LOCATION OF HORIZONTAL PVC SYRUP CHASE THRU WALL TO COUNTER.
 - 259 6" HIGH WATER HEATER PLATFORM.
 - 261 ROOF LADDER WITH BILCO LADDER UP SAFETY POST.
 - 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
 - 266 GAS METER.
 - 267 FOR DUAL-FLEX LINE AND I-FLEX LINE SUB-EQUIPMENT SEE SHEET A8.3.

KEY NOTES B

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 EQUIPMENT AND SEATING PLAN

A2.0

PLOT DATE: 1/19/2022 11:06:58 AM

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EQUIPMENT SCHEDULE



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

TAG #	C.C. INSTALL	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING	ELECTRICAL	GAS	REMARKS	TAG #	C.C. INSTALL	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING	ELECTRICAL	GAS	REMARKS	
B CONTRACTOR BUILDING ELEMENTS								S SERVING/DRIVE-THRU								
B-049	1	X	ROOF LADDER	PRECISION LADDER #PH-G2-6X3-0				S-023	1	X	WARMER, EVO	CARTER HOFFMAN			X	MOUNT ON PRODUCTION LINE OVER SHELF
B-050	1	X	ROOF HATCH	PRECISION LADDER #PH-G-2-6X3-0				S-024	2	X	WARMER, EVO	CARTER HOFFMAN			X	MOUNT ON PRODUCTION LINE OVER SHELF
B-101	1	X	SECURITY DOOR	RSBS FACILITIES CONNECTION			SECURITY DOOR PER QUOTE LOCKNET TAN STEEL. INCLUDES: STEEL FRAME	S-026	1	X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB			X	W/8 SHELVES EACH
B-140	1	X	DT WINDOW	QUICKSERV#SC4030BR - SELF CLOSING, RH HANDLE, OPENS RIGHT			FINISH TO MATCH STOREFRONT, DARK BRONZE	S-027	1	X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB			X	W/ 8 RACKS
B-219	1	X	WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147				S-204	1	X	DRIVE-THRU TIMER SYSTEM	HME #C11422TB			X	
B-223	1	X	98% HIGH EFFICIENCY 199 MBH, 100 GAL. GAS WATER HEATER	A.O. SMITH BTH-199 100 CYCLONE HE	X	X		S-254	1	X	CONDIMENT RACK	PRONTO #CHPW0446				
B-241	4	X	SOAP DISPENSER (WALL MOUNT)	KAY 3741				S-274	1	X	DRIVE-THRU BEVERAGE WORKSTATION	SPG WST1242YA				OPTIONAL: METRO
B-251	2	X	SANITIZER DISPENSER (WALL MOUNT)	KAY 3741				S-283	1	X	DRINK STAGER WITHOUT STRAW HOLDER	WST788E				
B-253	2	X	PAPER TOWEL DISPENSER/TRASH 12 GAL.	BOBRICK #B-3944				S-284	1	X	BEVERAGE DISPENSER - SELF-SERVE	CORNELIUS 611057625	X	X		SEE SCOPE OF WORK (PEPSI)
B-265	2	X	MIRROR, 18 x 36	BOBRICK #B-165-1836				S-285	1	X	BEVERAGE DISPENSER - DRIVE THRU	SERVEND	X	X		SEE SCOPE OF WORK (PEPSI)
B-275	2	X	TOILET PAPER DISPENSER	BOBRICK #B-2890				S-286	1	X	WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003				FRANCHISEES CAN USE SELECTO #TB5/620-5
B-290	2	X	PAPER TOWEL DISPENSER	BOBRICK #B-262				S-287	1	X	ISS-TABLE, D/T, TB, 24 IN X36 IN PREASSEMBLED	FBD #1273610021	X	X		
B-300	2	X	GRAB BAR 1-1/2 DIA. X 42 S.S. FIN.	BOBRICK #B6806X42				S-349	1	X	DRIVE-THRU PICK-UP WORKSTATION 30X42	SPG				OPTIONAL:METRO
B-305	2	X	GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X48				S-375	1	X	DRINK STATION	CARTER-HOFFMAN	X			S/S, INSULATED DRAIN TROUGH, WEIGHT RATED
B-310	2	X	GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18				S-443	1	X	LID DISPENSER	CAL-MIL ADA TB103				
B-320	1	X	CHANGING STATION					S-444	1	X	NAPKIN DISPENSER	TOR XPRESSNAP #5555100				
B-381	1	X	CO2 CARBON DIOXIDE SENSOR/WARNING	Logi/CO2 CO2 MK9 SENSOR		X		S-482	1	X	CUP DISPENSER	A.J. ATUNES #DACS60				W/ ANGLED MOUNTING BRACKET OMNITEAM CDB-DTA
B-400	1	X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)				S-489	2	X	SCALE	EDLUND				10#X 10Z, ELECTRONIC, EDLUND #DS-10 CSTM, WSM #113464
B-405	7	X	WASTE BASKET					S-513	2	X	ICE MAKER (PLACED ON TOP OF DRINK MACHINES)	MANITOWOC, KMS-1401MLJ	X	X		W/ROOF MOUNTED CONDENSERS HOSHIZAKI FRANCHISEES CAN USE HOSHISAKI KMS-1230
B-406	1	X	WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)				S-540	1	X	PEPSI BOOSTER TANK		X	X		SEE SCOPE OF WORK (PEPSI)
B-410	1	X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140				S-544	4	X	ICE TEA URN	BUNN/TDO-N-3.5				
B-599	1	X	MOP SINK SHELVING	SPG #WST806Y				S-546	1	X	ICED TEA BREWER	TETLEY TB30	X	X		
C COOKING EQUIPMENT								U SECURITY/COMMUNICATIONS/FIRE PROTECTION/POS								
C-079	1	X	DUAL FRYER	FRYMASTER #2FOG30J	X	X	COMES WITH GAS HOSE KIT (OPTIONAL: PITCO #TB-SSHV14-2/FD V57)	S-580	1	X	CO2 BULK TANK	MVE #11805373				
C-107	1	X	REHEMALIZER	PITCO #TB-SRTG14-2	X	X		S-600	4	X	BUNDLED SYRUP LINES	CORNELIUS/REMCOR BNP12B8P	X			FLO-3REG-2CRB (BY PEPSI)
C-197	3	X	TOASTER, SPLIT LID	PROLUXE SL1266TB		X	POWERED BY PRODUCTION LINE - (OPTIONAL: STAR #PSC14DTB)	S-739	1	X	FROZEN BEVERAGE DISPENSER, REMOTE	FBD #12-7382-00021	X	X		MUST ORDER REMOTE CONDENSER S-739A FREEZE TRANSFORMER
C-254	3	X	CHEESE MELTER (SINGLE)	A.J.ANTUNES #CM-100	X	X	POWERED BY PRODUCTION LINE	S-739A	1	X	FREEZE TRANSFORMER		X			
C-400	2	X	REHEMALIZER TIMER	FAST #TBZAP12120V		X		S-740	1	X	FROZEN BEVERAGE CONDENSER, REMOTE	FBD #12-3003-0006	X	X		40 IN X 17 IN X 21 IN 208 SINGLE PHASE 2 WIRE 15 AMP, 105LB
E EXHAUST HOODS/FIRE SUPPORT								W WALK-IN COOLERS/FREEZERS								
E-108	1	X	STROTEVENT 106 IN. H X 111 IN. L BACK SPLASH	STROTEVENT MODEL #BACKSPLASH106X111FLA		X		W-059	1	X	WALK-IN	ICS/NORLAKE #105181	X	X		COMBO, TB, #105181, BUDGETARY 19-4X7X9-2 OAD, MEDIUM BUILDING PROTOTYPE, INCLUDES LED
E-272	1	X	TIMER OUTLET			X										
F OFFICE/EMPLOYEE/MUSIC/MISCELLANEOUS								R REFRIGERATION								
F-014	1	X	FILE CABINET (2 DRAWER HIGH) 18X36X27H	HON #582LL				R-209	1	X	FRY STATION REACH-IN FREEZER (RIGHT HINGED)	DELFIELD #GBF1P-SH-TB2		X		OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SH-K-TB2
F-021	1	X	CHAIR - OFFICE	HON #4609AB10			IN OFFICE AREA, SEE SHEET A8.2									
F-022	1	X	LICENSE FRAME (BLACK)	CREATIVE PALETTE TB30		X	IN OFFICE AREA									
F-026	1	X	DESK LAMP	TBD			IN OFFICE AREA, SEE SHEET A8.2									
F-030	1	X	COAT HOOK	ISS #HOOK246R2Y		X	IN OFFICE AREA									
F-040	1	X	OFFICE COMPUTER	POS PROVIDED		X	IN OFFICE AREA, SEE SHEET A8.2									
F-050	1	X	CREDIT CARD SATELLITE ROUTER JUNCTION													
F-060	1	X	MONITOR - OFFICE	YUM												
F-080	1	X	OFFICE PRINTER/COPIER/FAX/SCANNER	POS PROVIDED		X										
F-090	4	X	UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED		X										
F-102	1	X	MONEY COUNTER	TELLERMATE #TIXR3000		X	IN OFFICE AREA									
F-131	1	X	SPEAKERS	MOOD MEDIA LOCAL LEASE		X										
F-165	2	X	FRONT LOAD SAFE	PERMA VAULT #PRO-10TM												
F-174	1	X	SAFE WITH TOUCH SCREEN CONTROLS			X										
F-211	1	X	CLOCK	B&B SYSTEMS #02100100			IN OFFICE AREA, SEE SHEET A8.2									
F-262	1	X	6 COUNT EMPLOYEE LOCKERS E76000235	LYON WORKPLACE 12" X 18" X 78" GREY		X	IN OFFICE AREA									
F-270	1	X	FIRST AID KIT	PROSTAT FIRST AID LCC #2617		X	IN OFFICE AREA									
F-500	1	X	STACKABLE HIGH CHAIR													
F-504	1	X	DVR & MONITOR													
F-915	2	X	FLOOR MAT	CREWSAFE, ENTRANCE I #41150012			RUBBERIZED - 3'-5', RIBBED, CHARCOAL, WSM #800503									
F-920	1	X	RUBBER MAT	CREWSAFE, WSM#800507			RUBBERIZED - BLACK 2X8, 1/4 NON SLIP CORRUGATED TOP & RUBBER NO-SLIP BACK ENTRANCE									
K WORKSTATIONS/SHELVING/CARTS																
K-132	1	X	CART, CLOSING MADE SIMPLE	SPG /ISS (Alternate: METRO)			#WST1434Y									
K-210	1	X	PREP SINK WORKSTATION 50 TRACK	SPG /ISS (Alternate: METRO)			#WST255E, Wall Trax System for 1-Comp Sink, 16X50X40 + ACC									
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									
K-383	1	X	FRY WORKSTATION 30D x 78H x 36 in.	SPG /ISS (Alternate: METRO)			#WST1724E, 36 in. Crispy Frystation									
K-420	1	X	SHELF, BEV PLATFORM 18X24	SPG /ISS (Alternate: METRO)			#WST34Y: F/CARBONATOR, & OR RECIRC PUMP									
K-490	2	X	SHELVING 18x24x24, 2-TIER	SPG /ISS (Alternate: METRO)			#WST440Y									
K-522	2	X	SHELVING, 18x60x76, 5-TIER, SMALL PACKAGING	SPG /ISS (Alternate: METRO)			#WST1548Y									
K-523	2	X	SHELVING, 18x60x76, 3-TIER, CUP & LID	SPG /ISS (Alternate: METRO)			#WST1580Y									
K-602	8	X	SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG /ISS (Alternate: METRO)			#WST238Y									
K-607	1	X	SHELVING	SPG /ISS (Alternate: METRO)												
K-657	2	X	SHELVING 24x72x86, 5-TIER	SPG /ISS (Alternate: METRO)			#SU247285Y: WALK-IN COOLER 24X72X86									
K-698	3	X	SHELVING 18X24X74, 5-TIER	SPG /ISS (Alternate: METRO)			#SU186075Y									
K-699	4	X	SHELVING 18x60x74, 5-TIER	SPG /ISS (Alternate: METRO)			#SU186075Y									
L LIGHTING/SIGNAGE/MENUBOARDS																
L-043	1	X	DIGITAL MENU BOARD	STRATACACHE LG 43" DISPLAY		X										
L-150	1	X	SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM			ORDERED DIRECT FROM YRFS									
N SINKS/DISHWASHER																
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)									
N-062	2	X	STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET	AERO #HS-MOD		X										
N-071	1	X	MOP SINK FAUCET	T&S B-2465		X										
N-130	1	X	1 COMP PREP SINK FAUCET	T&S B-0831-WA		X	FRANCHISE OPTION N-134: T&S B-2465									
N-141	2	X	WALL MOUNTED LAVATORY	AMERICAN STANDARDS BRAND		X	WHITE VITREOUS CHINA WALL MOUNTED LAVATORY WITH ACCESSORIES. N-141 IS METERED FAUCET,FAUCET, LAVATORY, CENTERSET MIXING, #B-0890-WS									
N-146	2	X	FAUCET (RESTROOMS)	T&S FAUCET B-0831-WA		X	2" TWIST TYPE FOR N-698									
N-171	1	X	LEVER WASTE DRAIN			X										
N-208	1	X	MOP SINK	AERO #3MP-2121-6/1P		X	INCLUDES (2) 24X36 WALL PANELS									
N-698	1	X	1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #2F1211617LR		X										
P FOOD PREPARATION																
P-147	1	X	BUNN COFFEE BREWER	MCA BLK Single Serve #35400.0005		X										
P-315	1	X	REVERSE OSMOSIS SYSTEM	3M #56123-06, FSTM-075		X	INSTALL OVER FLOOR SINK									
P-362A	1	X	FLEX I LINE, L-R	FRANKE		X										
P-362B	1	X	FLEX DUAL LINE	FRANKE		X										
P-417	1	X	8-CHANNEL TIMER	FAST #KTRACK2X4TB		X										
P-452	2	X	HOT WATER SYSTEM	BUNN-MACHINE #43600.0014	X	X	Each System= Water Heater #43600.0014, Bracket #13125.0003, Shell#12599.0000, Scale Inhibitor #39000.0001									
P-541	1	X	STORAGE BINS	B&B SYSTEMS #03070100												
P-550	1	X	KNIFE RACK	EDLUND #KR-699												
P-673	1	X	WORK TABLE													

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

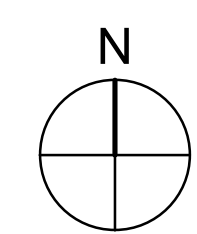
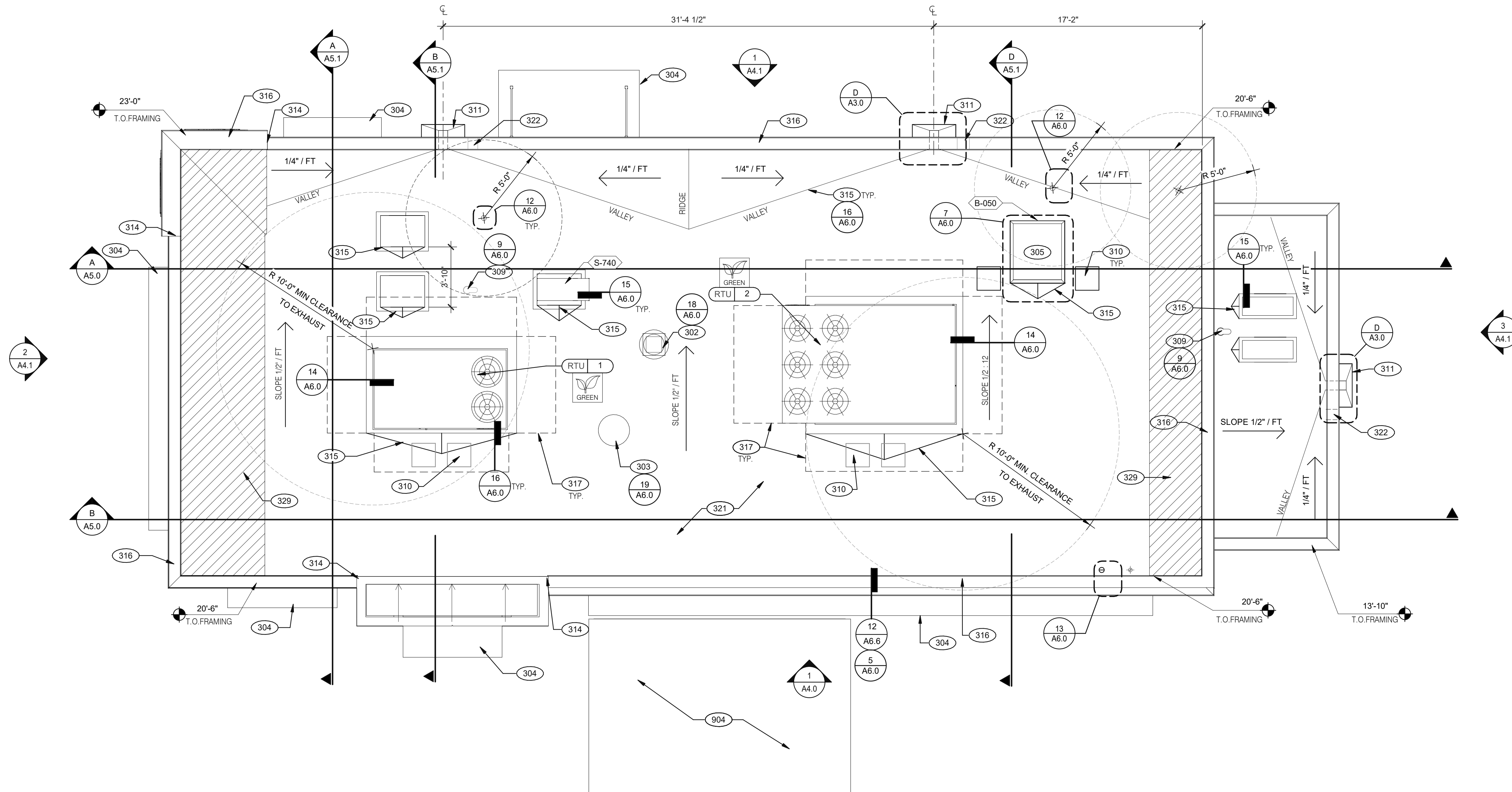
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
EQUIPMENT
SCHEDULE**

A2.1

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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL

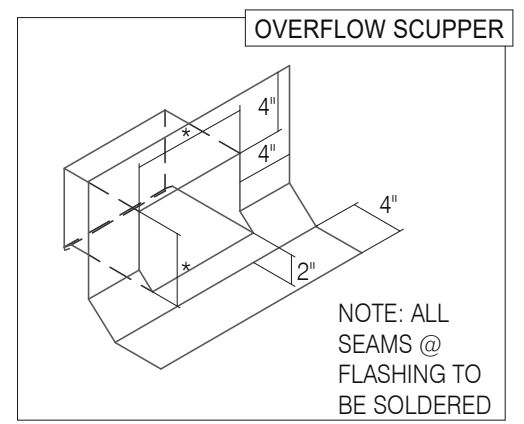
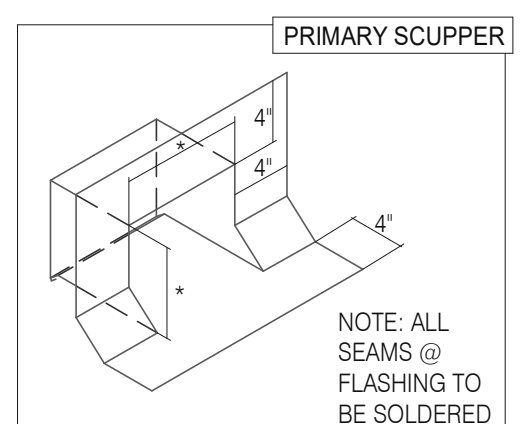
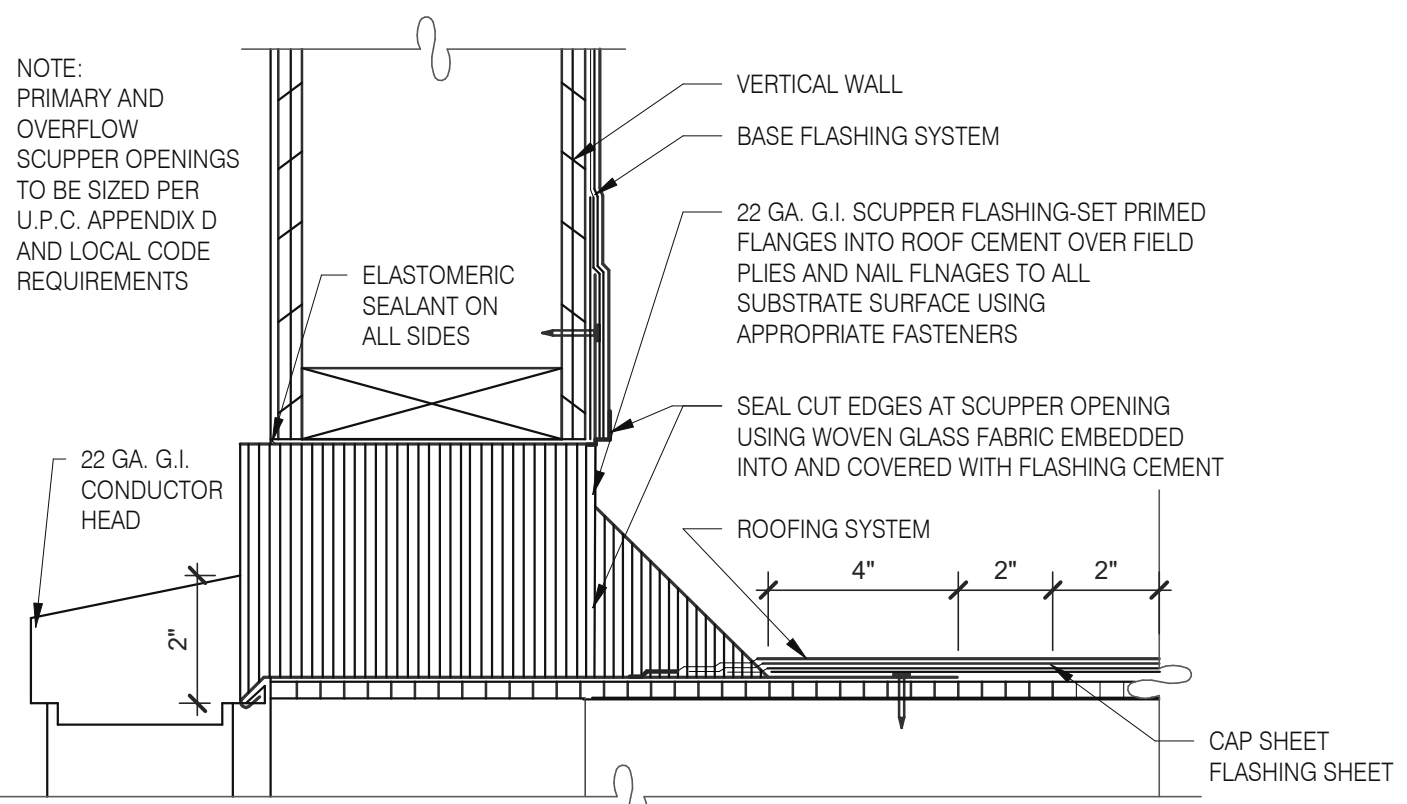
1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
ROOF PLAN**

A3.0

PLOT DATE: 1/19/2022 11:07:11 AM



SCUPPER FLASHING **D**

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

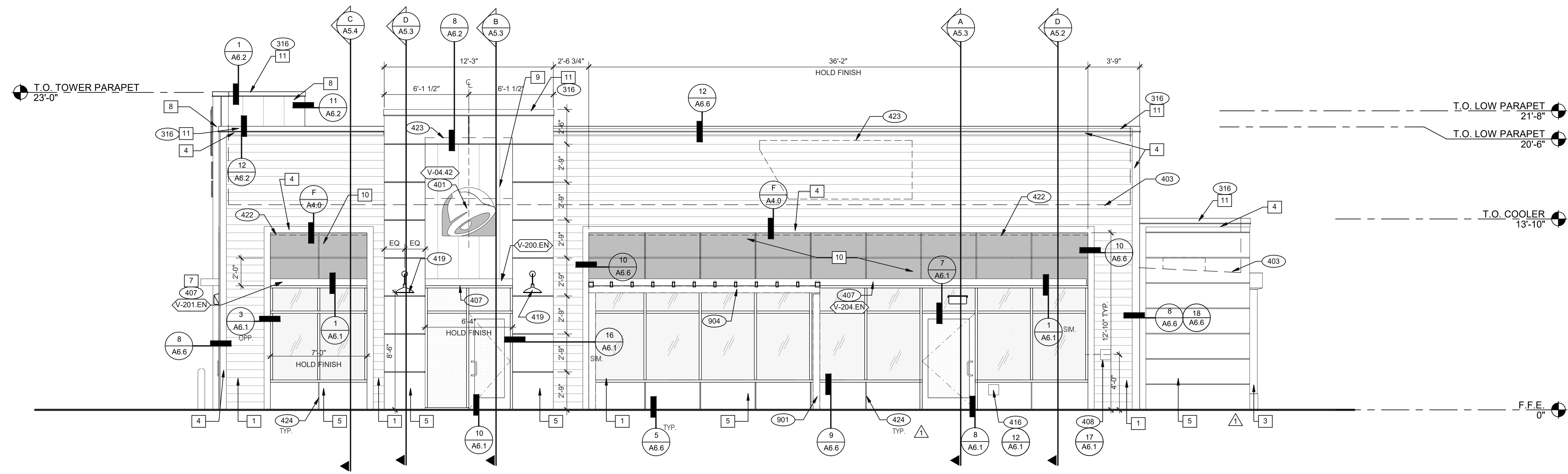
MISCELLANEOUS:
A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY
C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF PLAN NOTES **C**

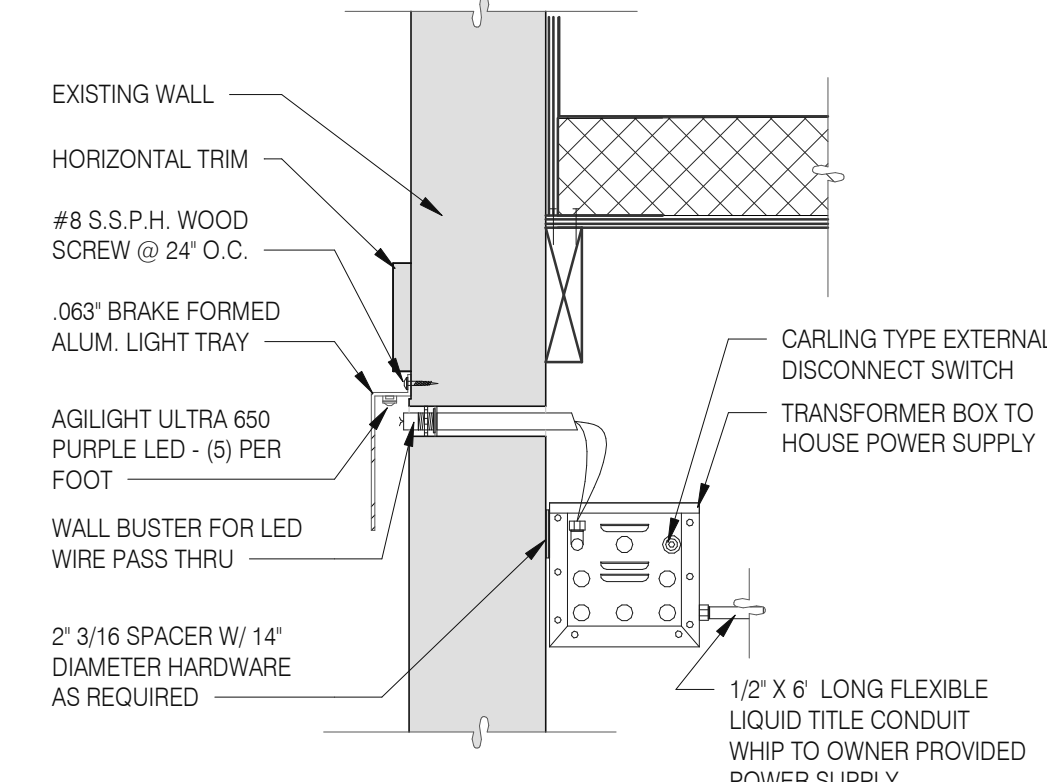
- 302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL 19/A6.0.
- 303 RESTROOM EXHAUST FAN. SEE MECHANICAL DRAWINGS AND DETAIL 18/A6.0.
- 304 CANOPY, BY SIGNAGE VENDOR. SEE SCOPE OF WORK.
- 305 ROOF HATCH. SEE DETAIL 7/A6.0.
- 309 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.
- 310 24x36 WALK MATS. 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.
- 316 METAL PARAPET CAP.
- 317 MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE.
- 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**

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



LED WALL WASHER DETAIL F

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4.1
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
SIDE ENTRY			
V-04.42	1	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.0
V-200.EN	1	SIDE ENTRY AWNING 3'-0" X 6' 3" BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" X 4' 0" BLACK	A4.1
EYEBROW AWNINGS			
V-201.EN	1	SIDE ENTRY EYEBROW (WINDOW) 6' 11" L 6' H X 1' 4" D BLACK	A4.0
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 9" X 6' H X 1' 4" D BLACK	A4.1
V-203.EN	1	DT EYEBROW (WINDOW) 6' 2" L X 6' H X 1' 4" D BLACK	A4.1
V-204.EN	1	SIDE ENTRY EYEBROW (WINDOW) 36' 1" L X 6' H X 1' 4" D BLACK	A4.0

SIGNAGE E

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

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

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

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

GENERAL NOTES C

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

PAINT NOTES A

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	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
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 D

- 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.
- 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.

KEY NOTES B

DATE	REMARKS
08.03.21	Issued for Permit
10.15.21	NTP Comments
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

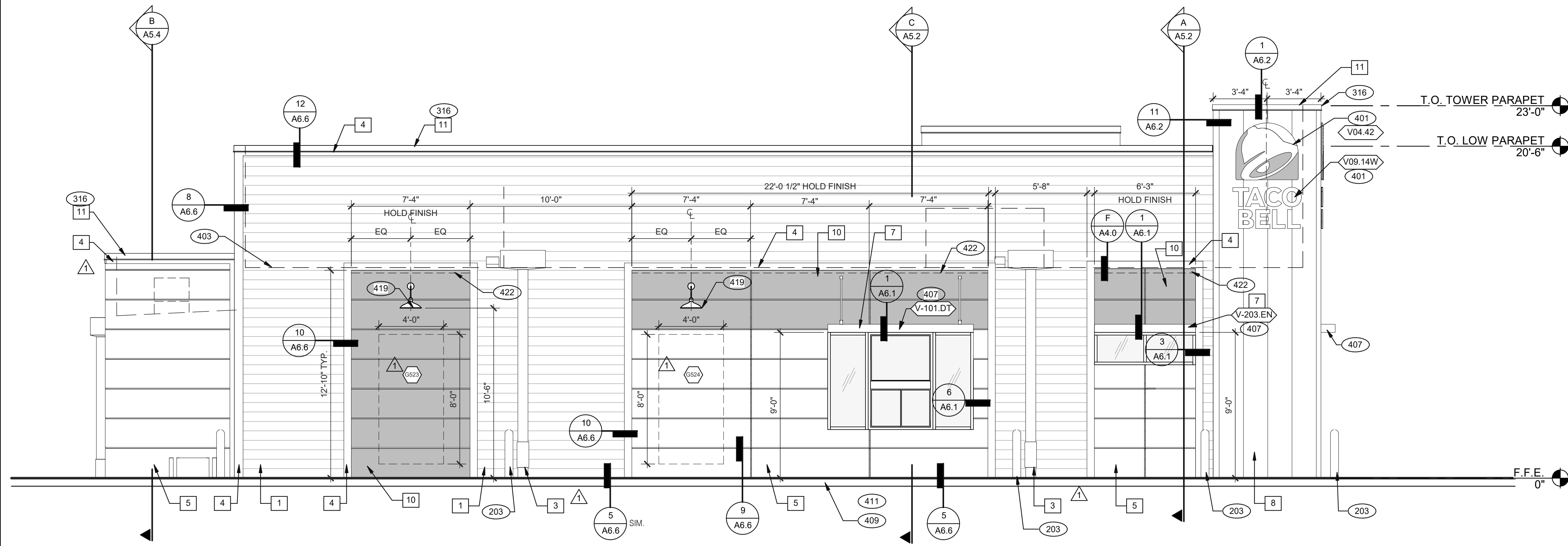


ENDEAVOR 2.0 EXTERIOR ELEVATIONS

A4.0



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



SEE SHEET A4.0 FOR FINISH SCHEDULE

- 203 PIPE BOLLARD. SEE CIVIL 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.
- 411 CONCRETE CURB.
- 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.
- 904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

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

KEY NOTES A

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01.20.22	Issued for Bid

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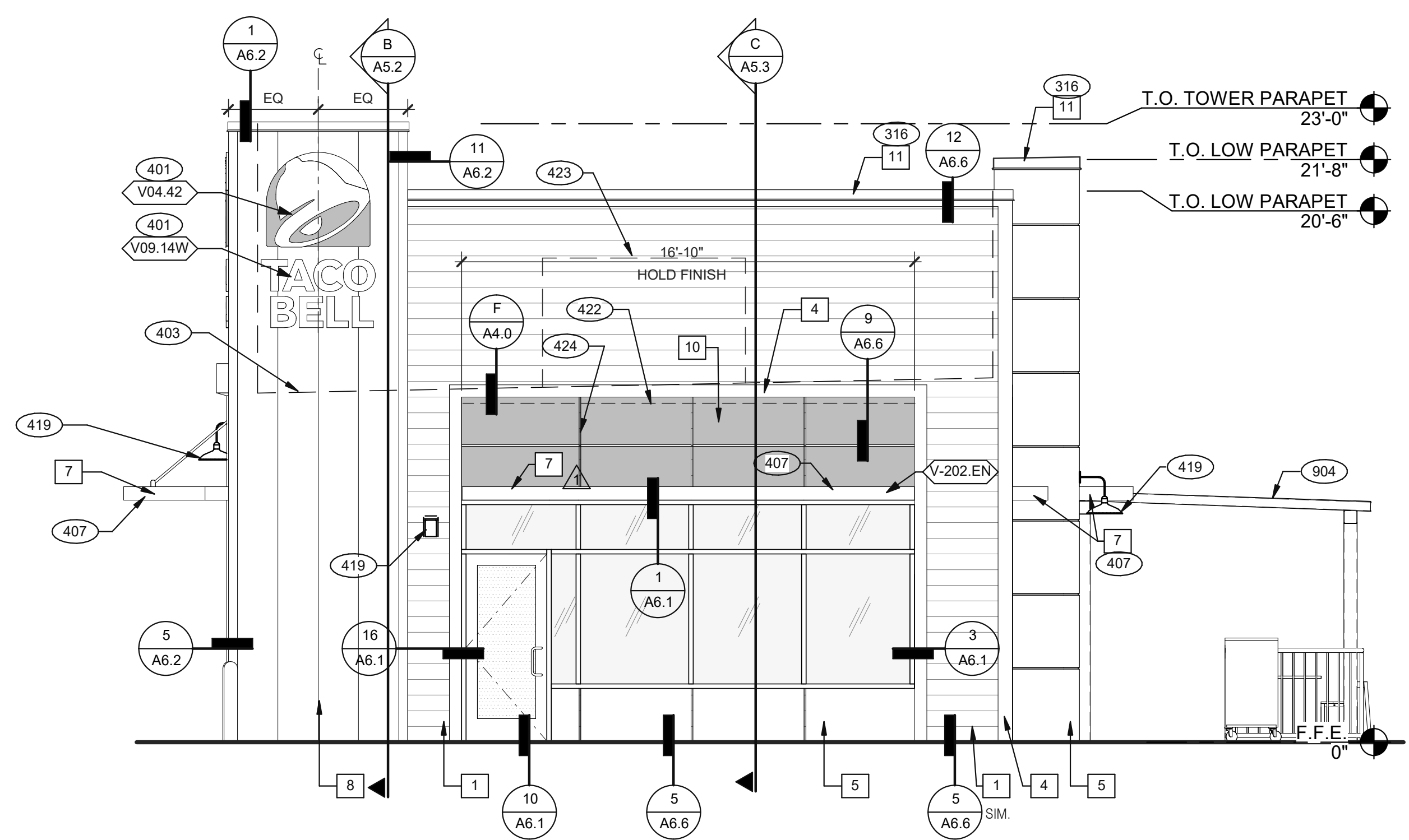
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



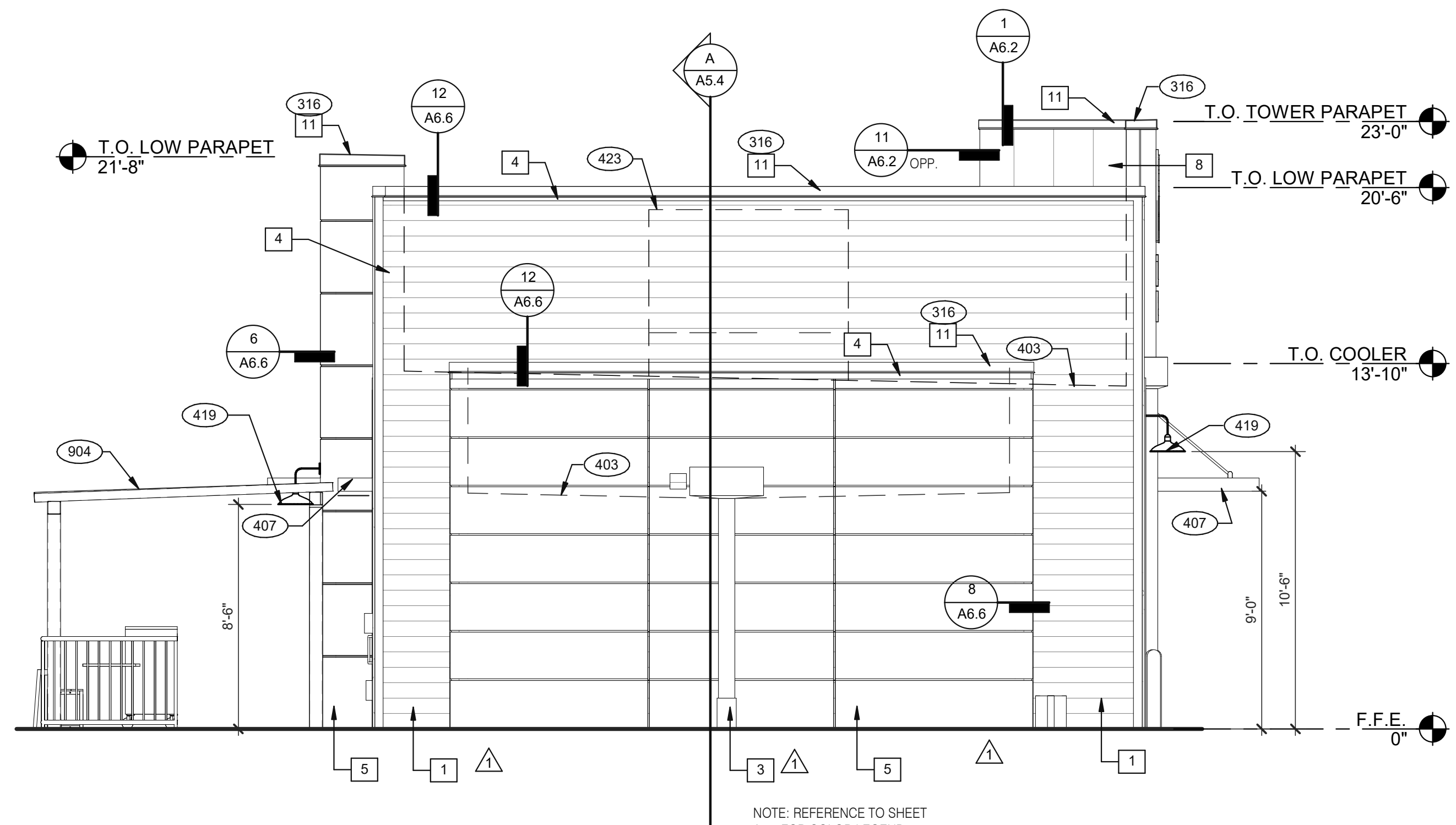
ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.1

PLOT DATE: 1/19/2022 11:07:26 AM



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

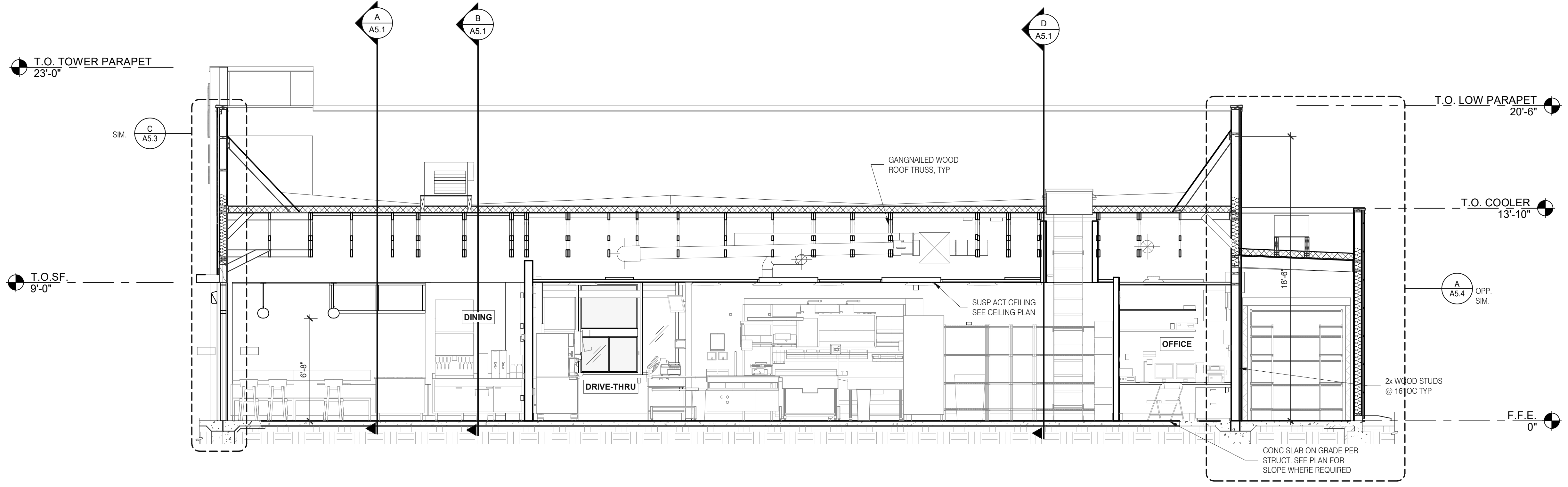


REAR ELEVATION 1/4" = 1'-0" 3

NOTE: REFERENCE TO SHEET A4.0 FOR COLOR LEGEND



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
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EAST/WEST BUILDING SECTION 2 1/4" = 1'-0" **A**

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01.20.22	Issued for Bid

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BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY: RS
JOB NO.: 2018088.31

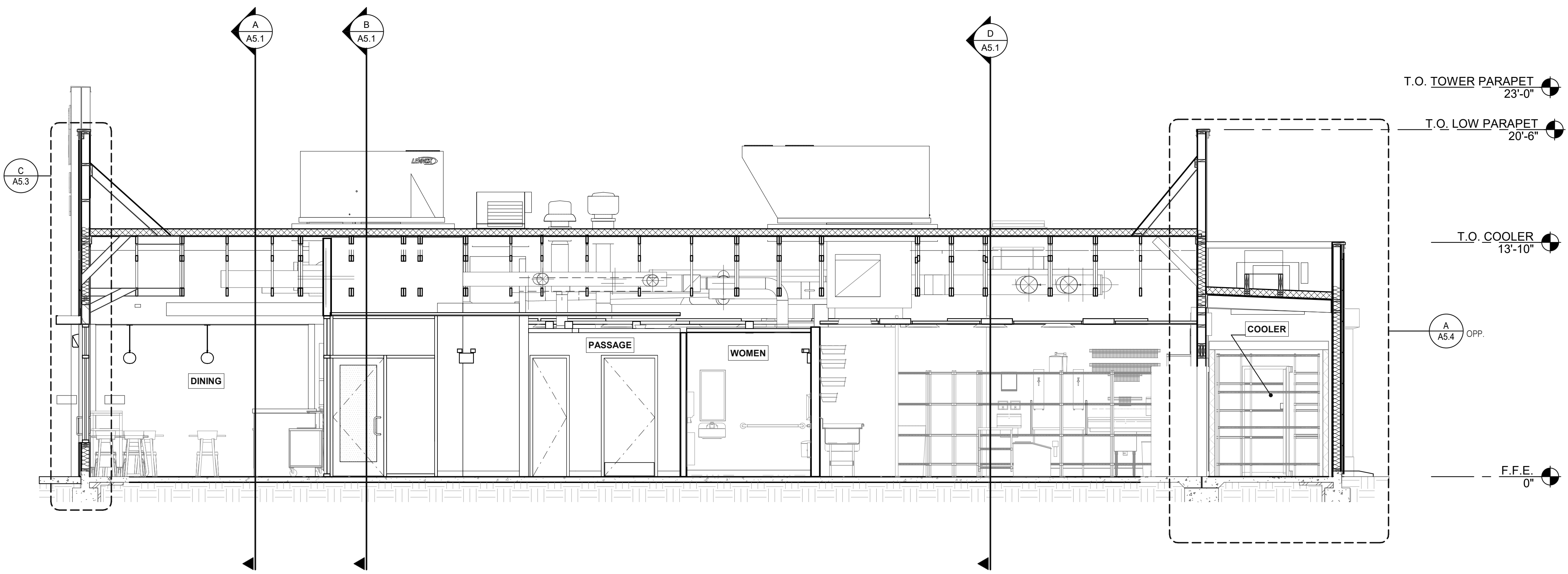
TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
BUILDING SECTIONS

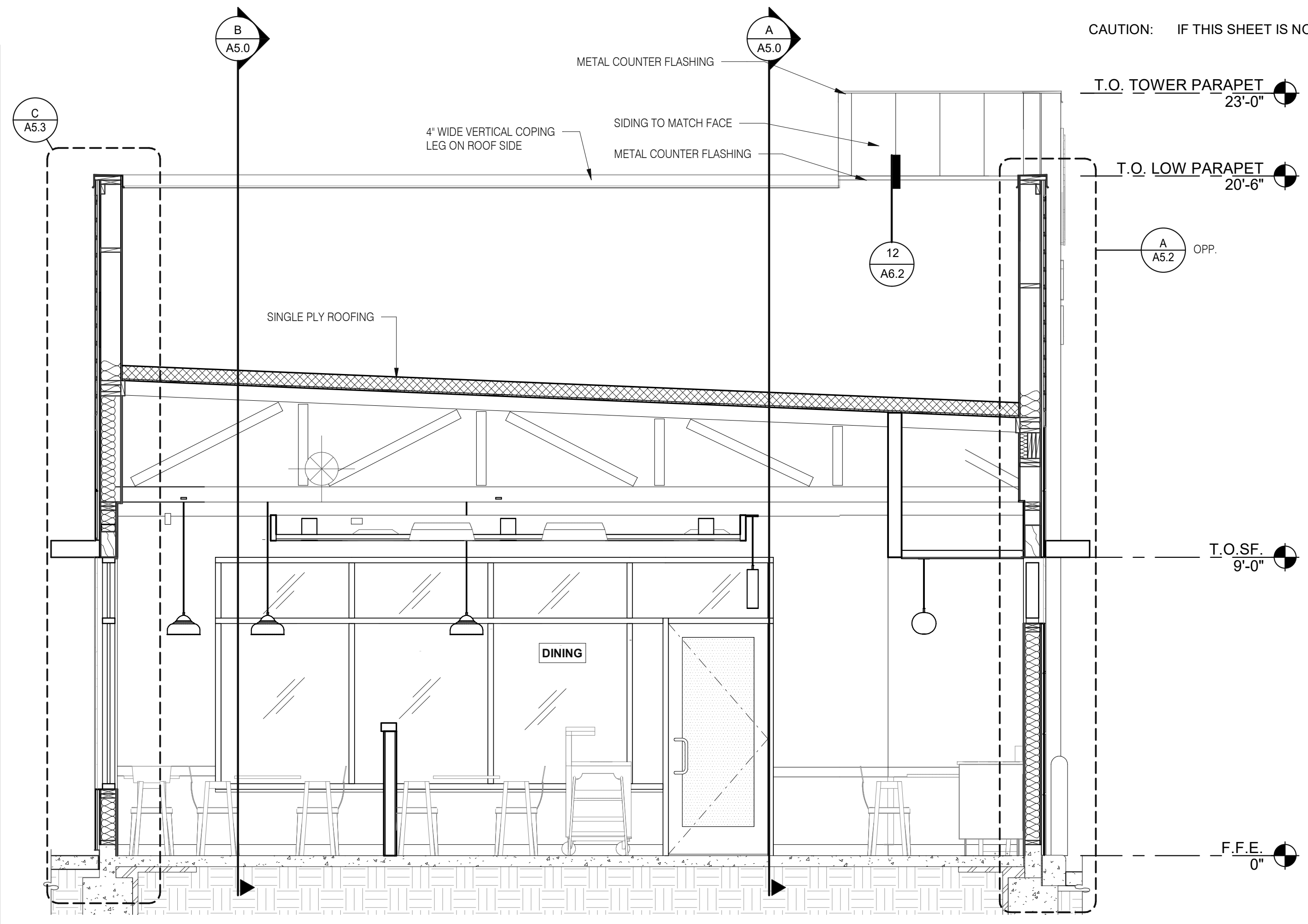
A5.0

PLOT DATE: 1/19/2022 11:07:45 AM

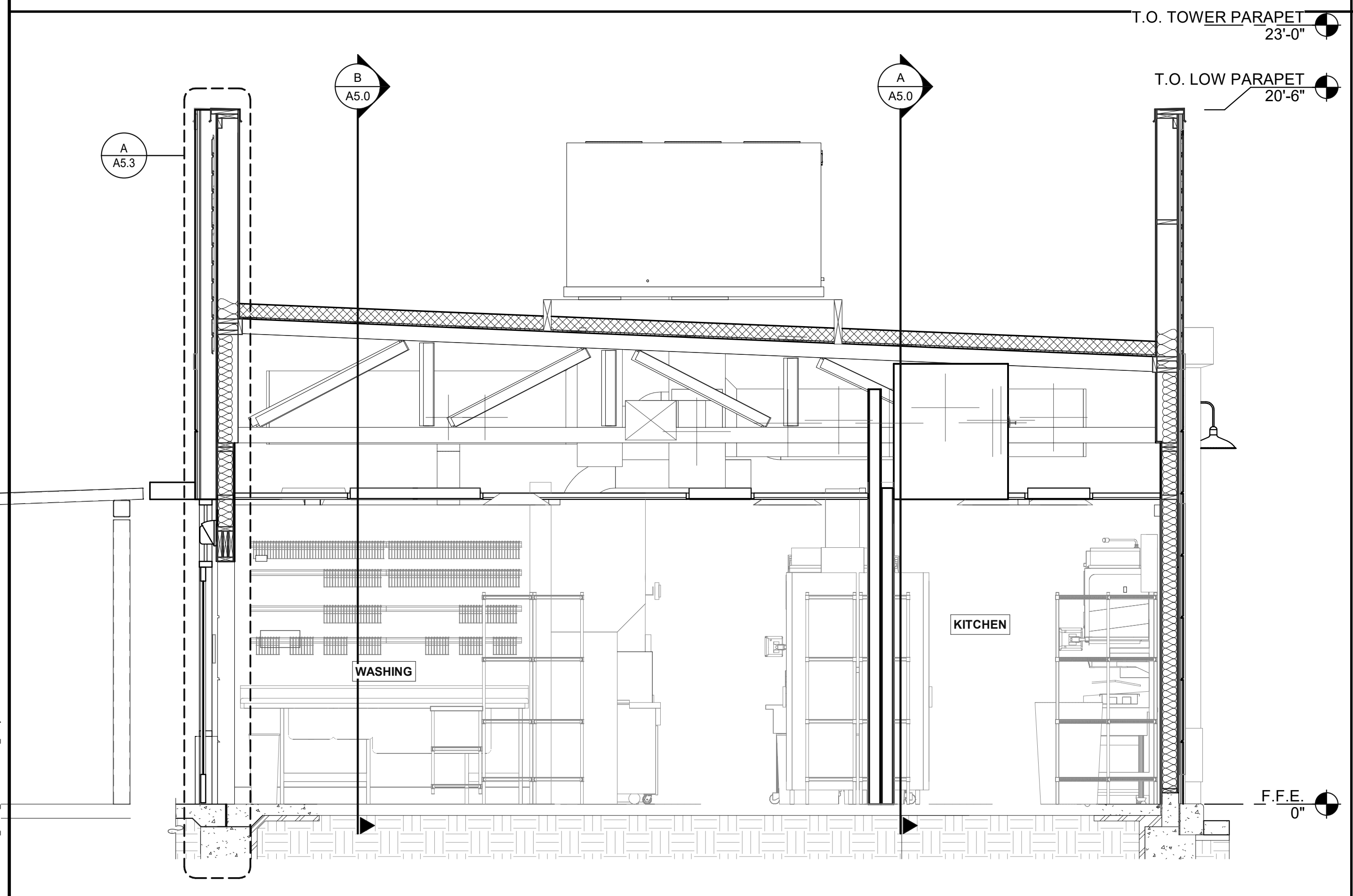


EAST/WEST BUILDING SECTION 1 1/4" = 1'-0" **B**

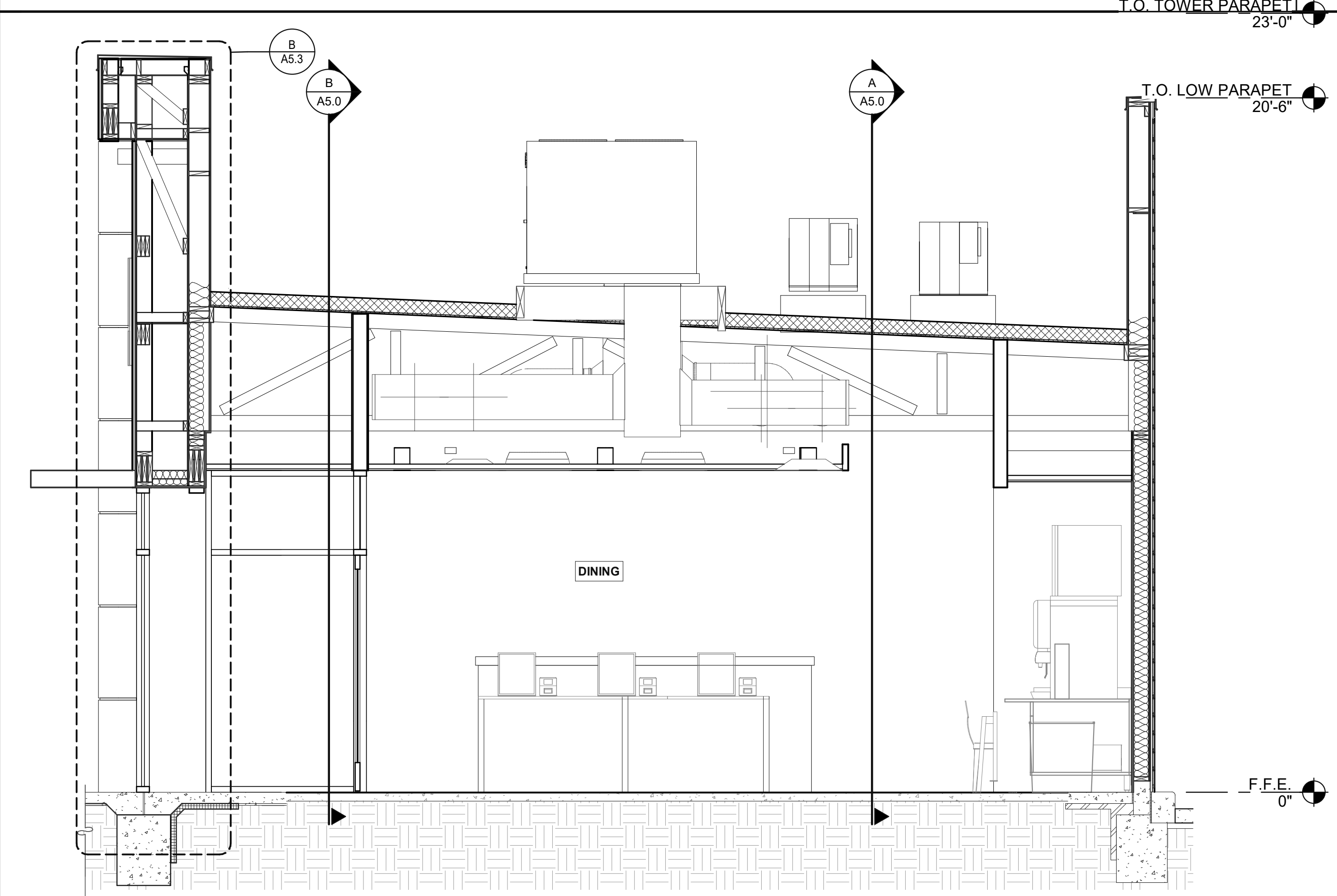
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LEFT TO RIGHT BUILDING SECTION 5 3/8" = 1'-0"
 T.O. TOWER PARAPET 23'-0" A



LEFT TO RIGHT BUILDING SECTION 4 3/8" = 1'-0" D



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

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TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131

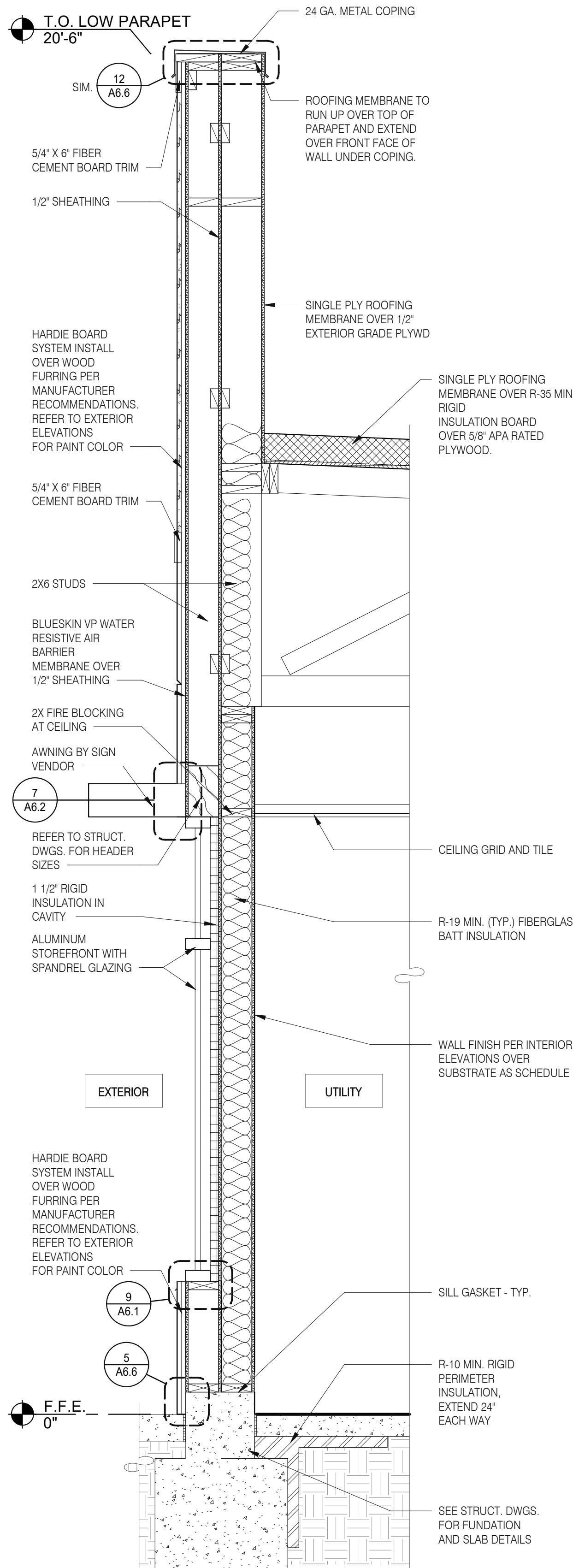


**ENDEAVOR 2.0
 BUILDING
 SECTIONS**

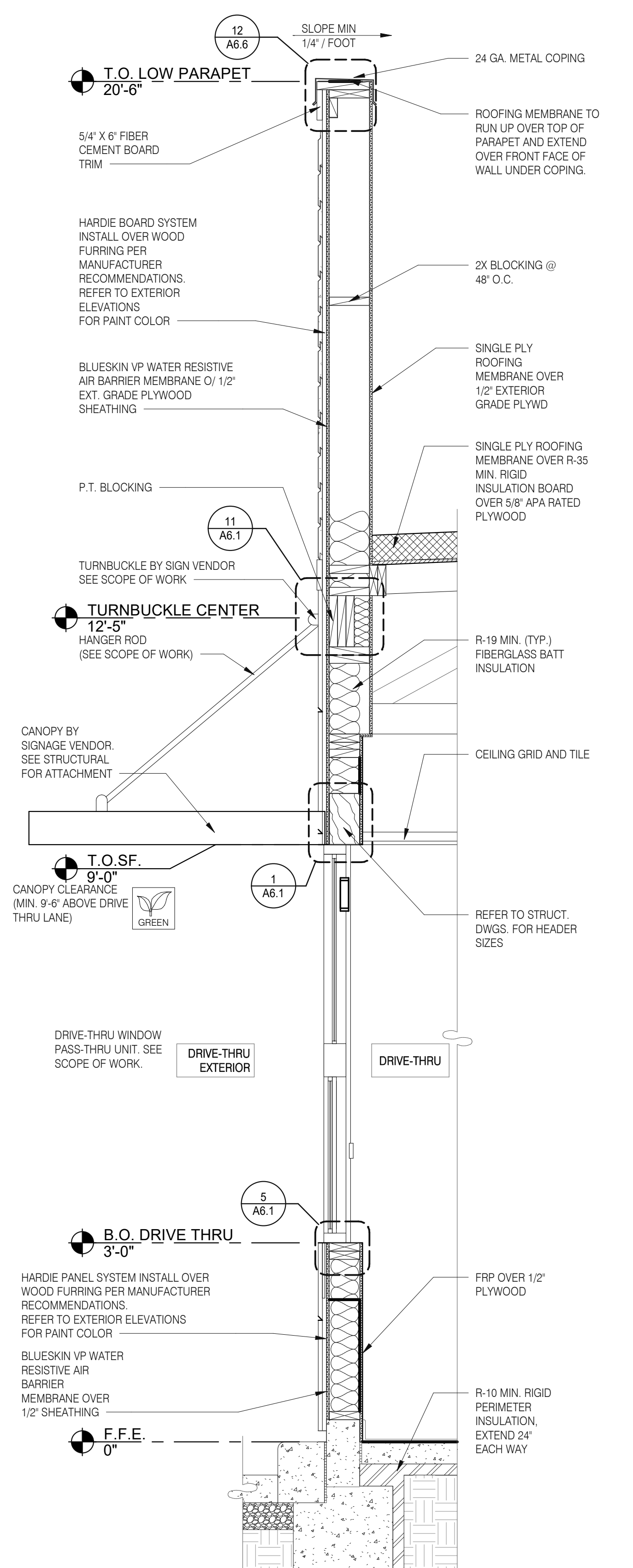
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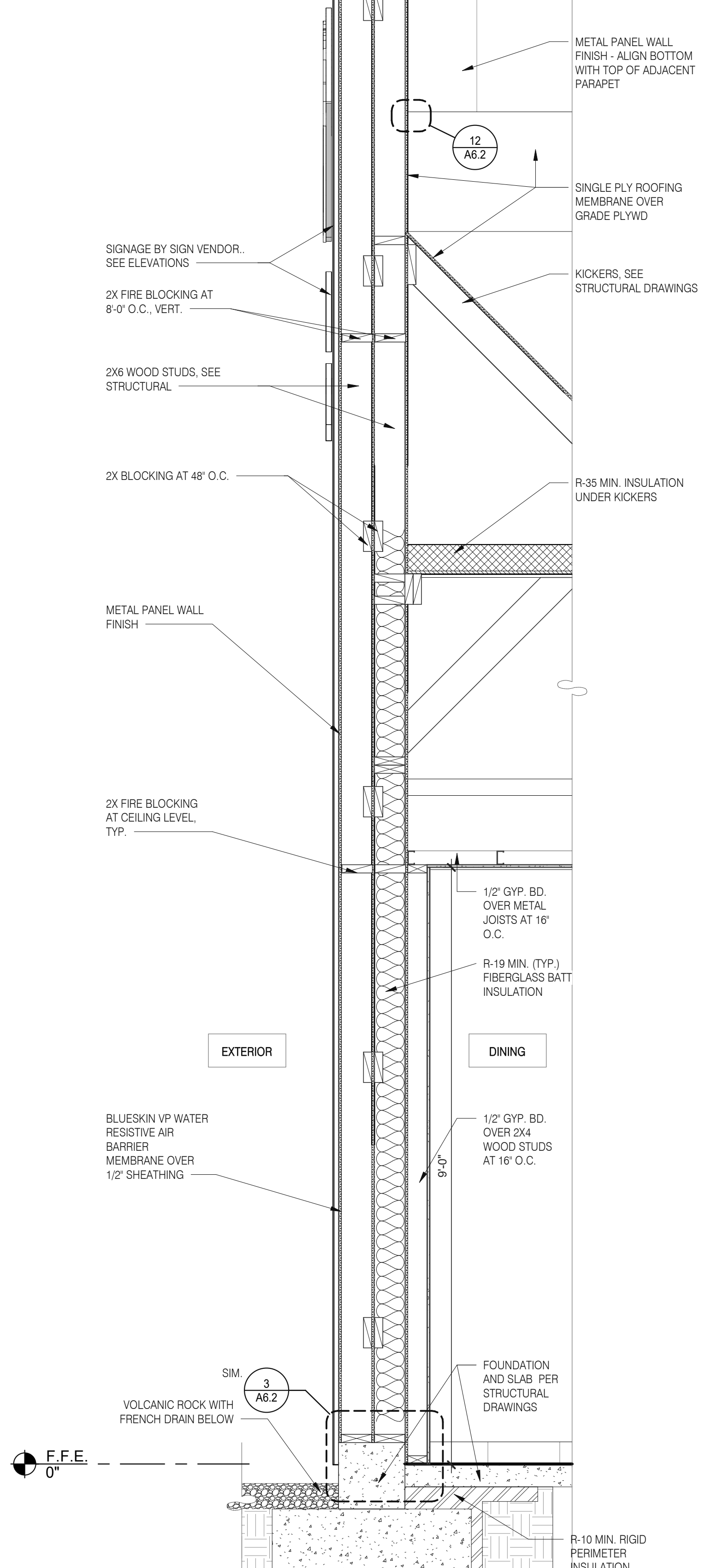
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



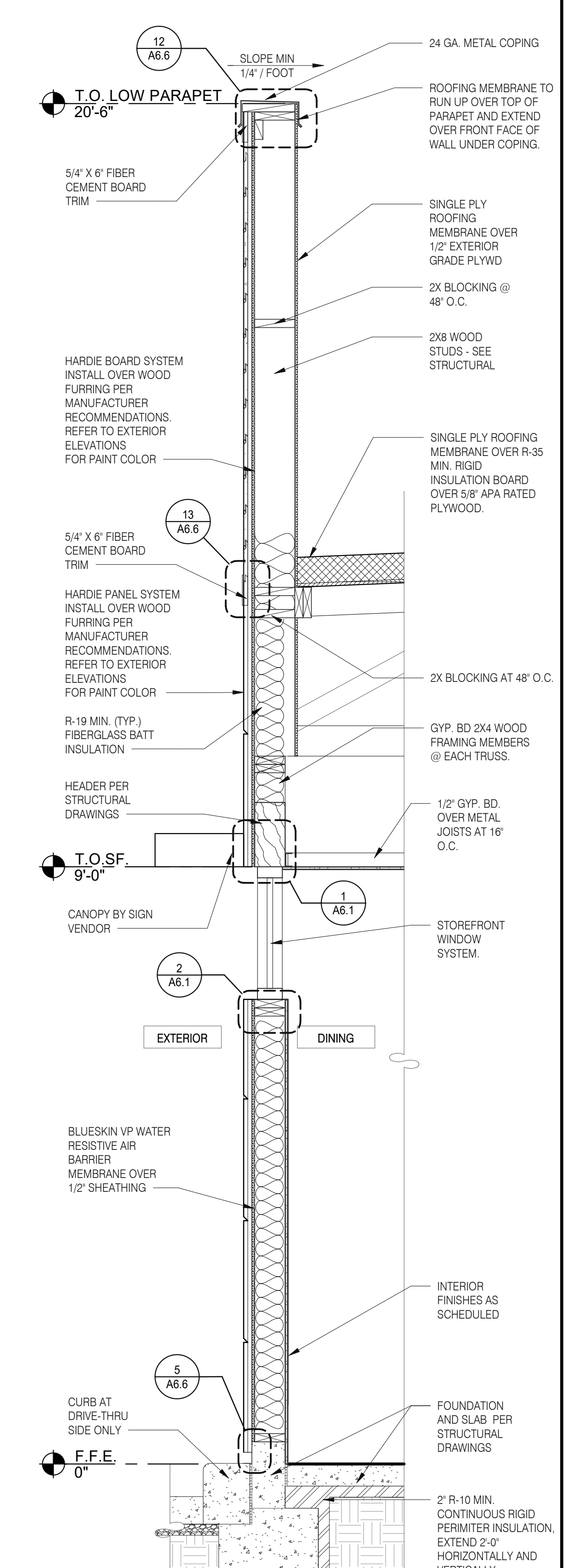
TYPICAL WALL SECTION 3/4" = 1'-0" D



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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SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 WALL SECTIONS

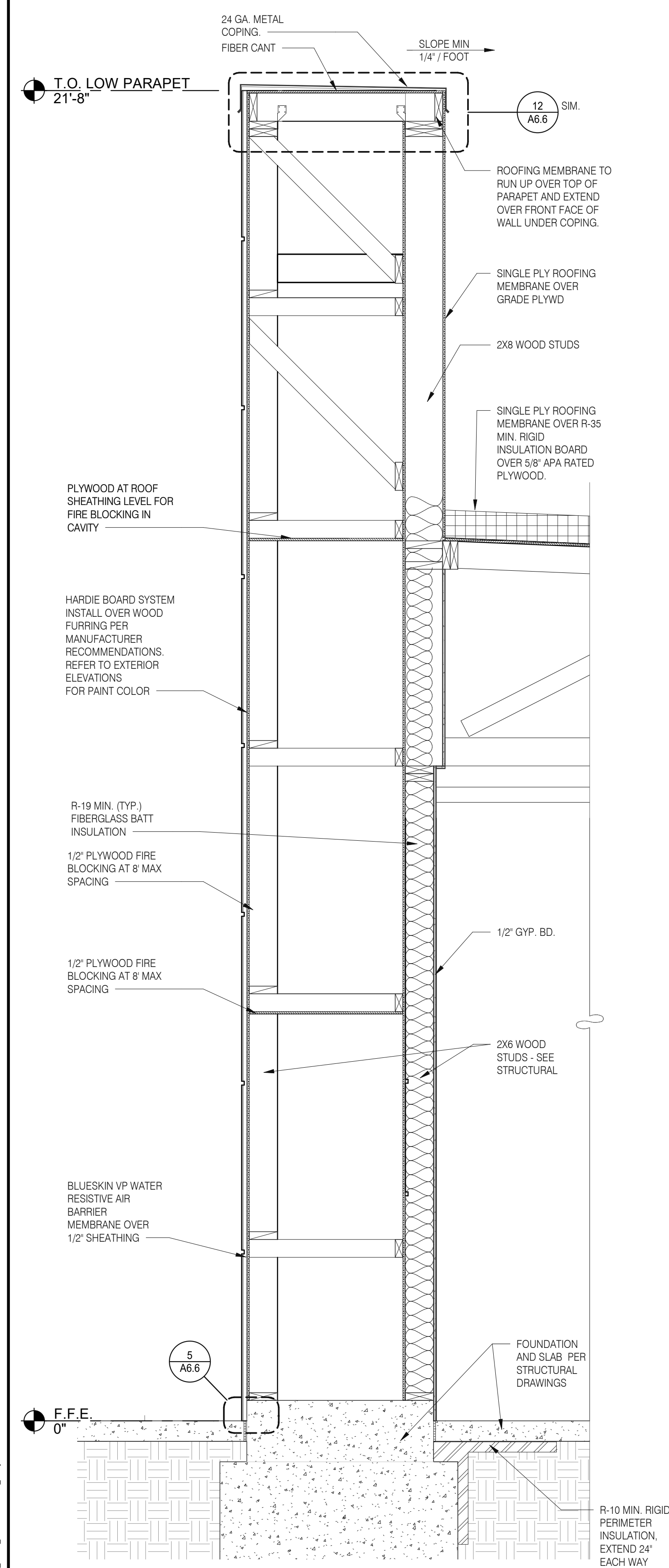
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PLOT DATE: 1/19/2022 11:07:56 AM

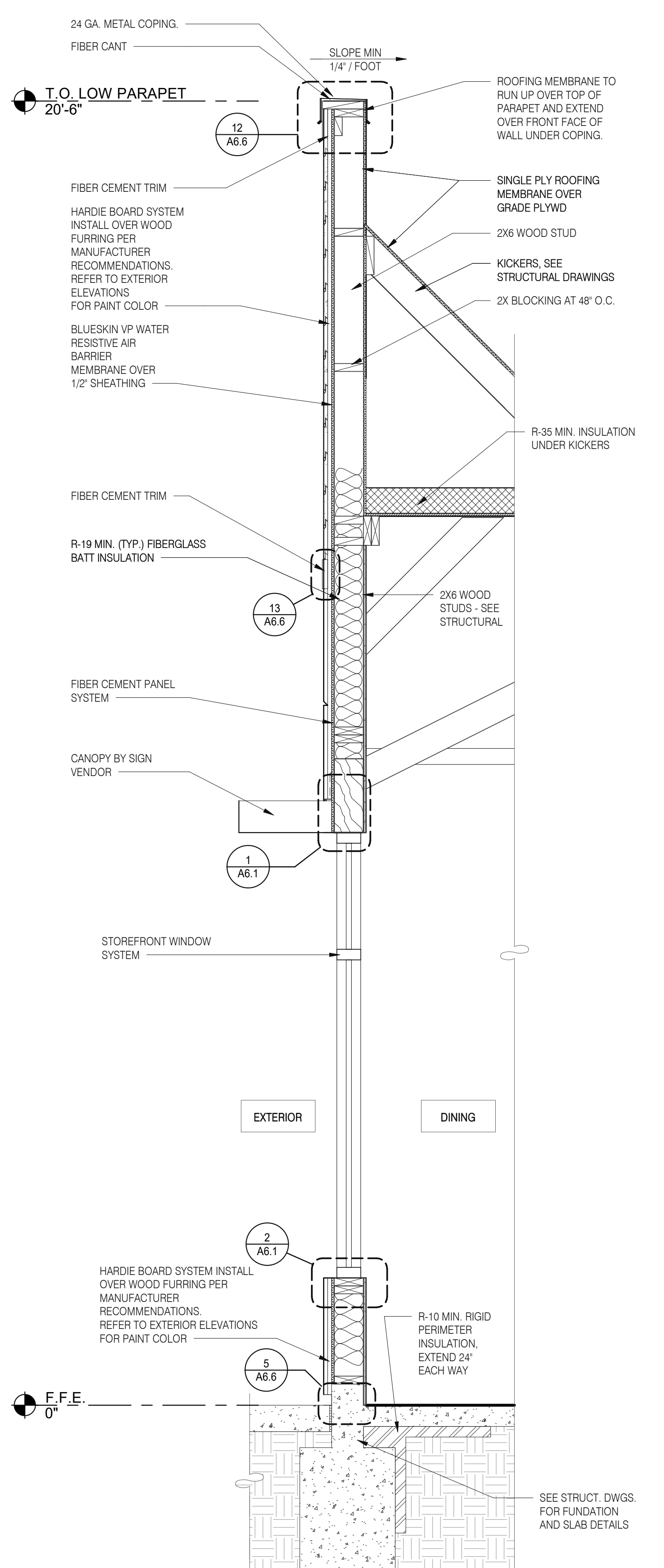
C:\Users\mfrankin\Documents\0275_ARCH\2025\Franklin_IN_Budget1.rvt



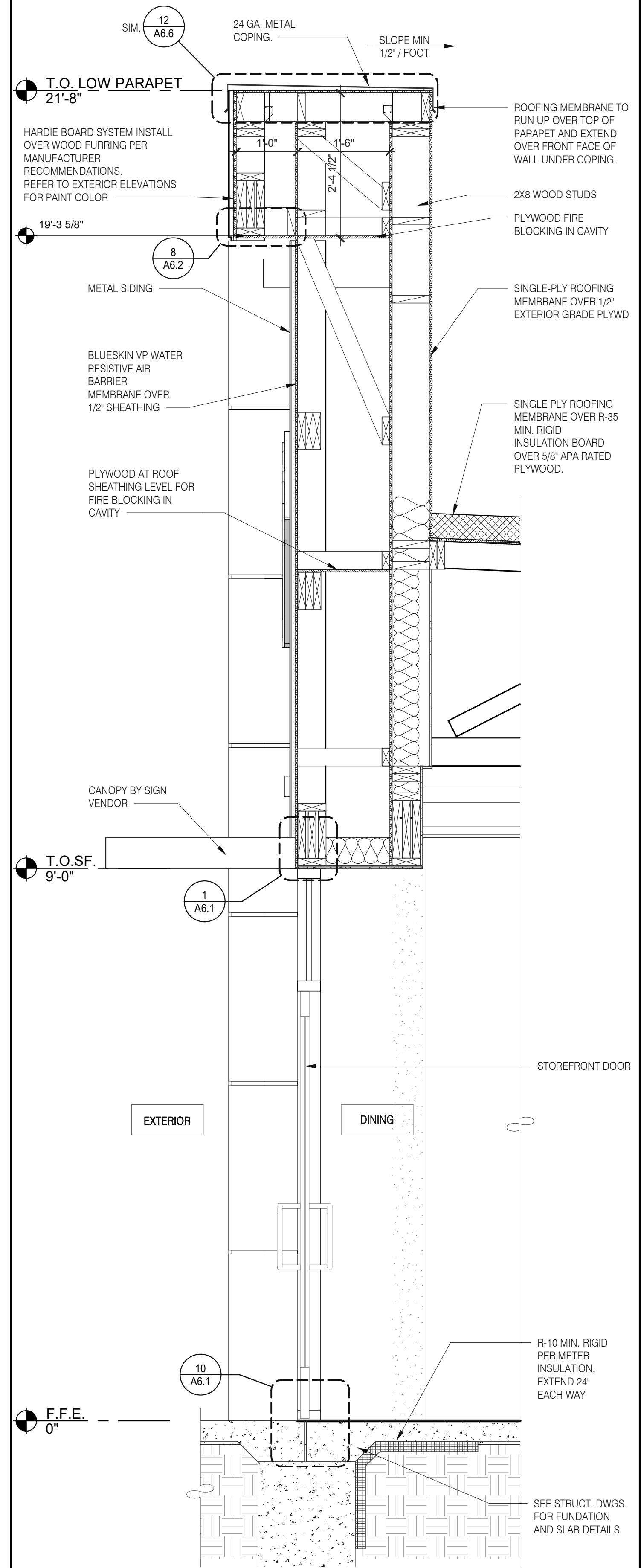
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



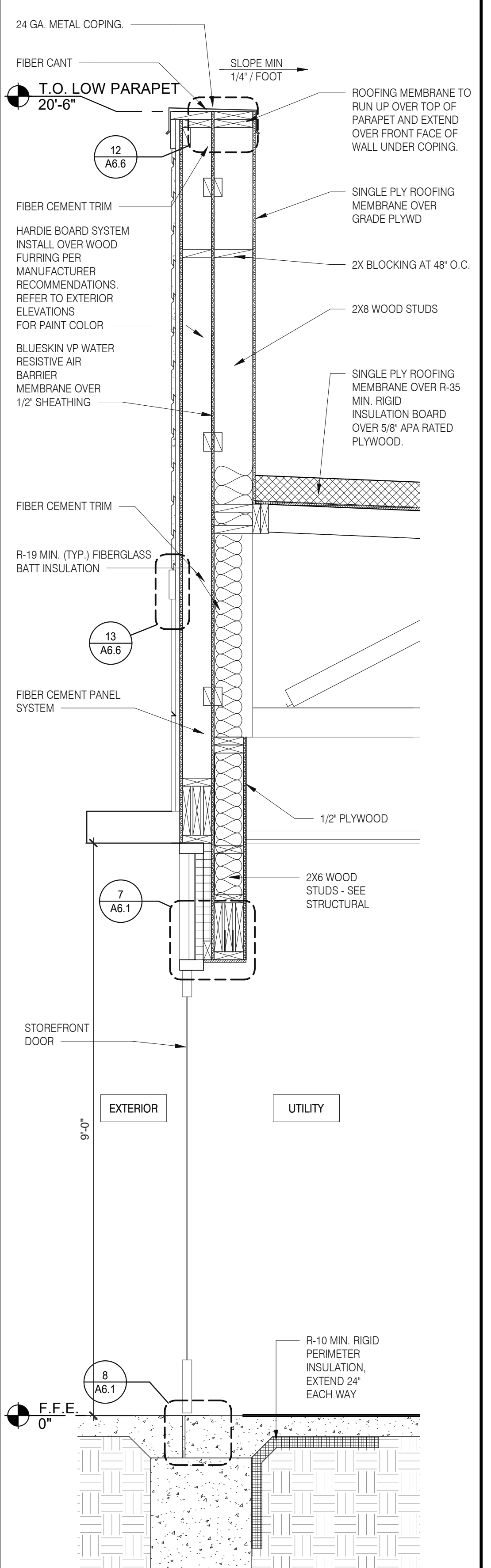
FRONT WALL SECTION 3/4" = 1'-0" D



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



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



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

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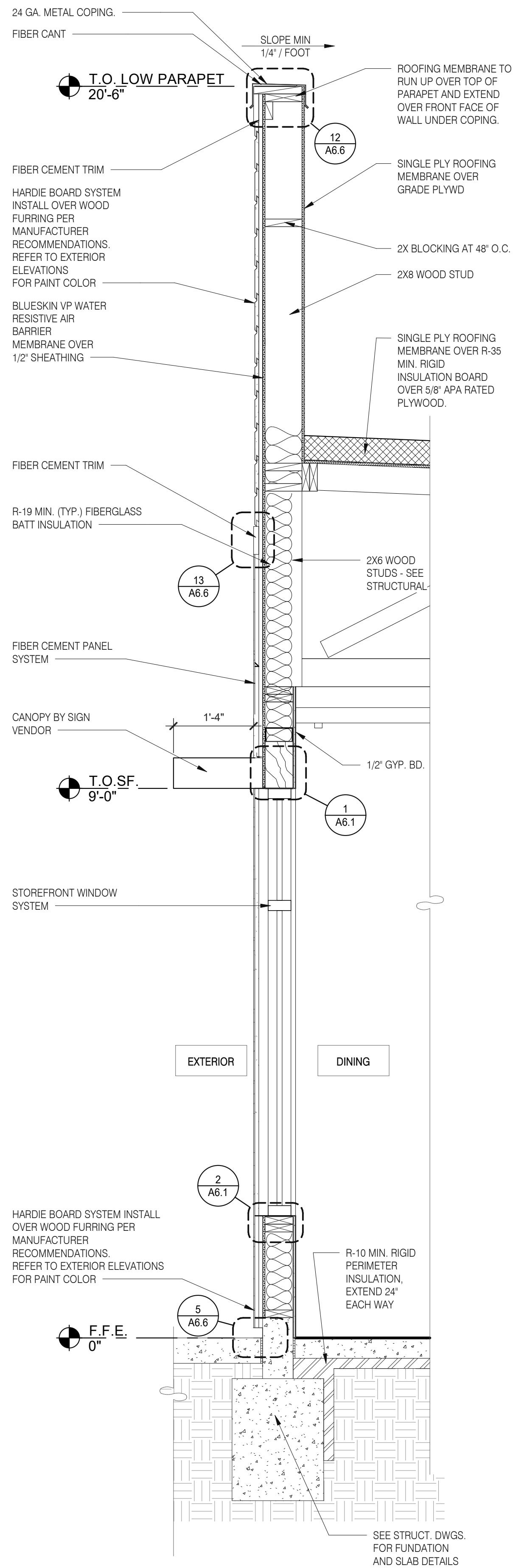
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BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

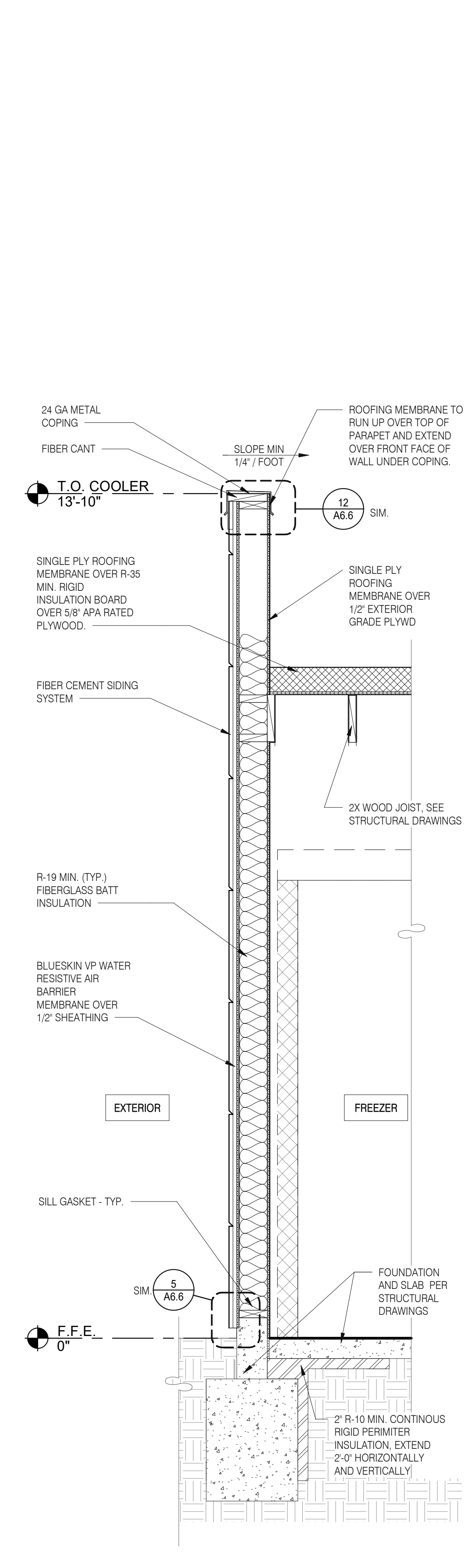


ENDEAVOR 2.0 WALL SECTIONS

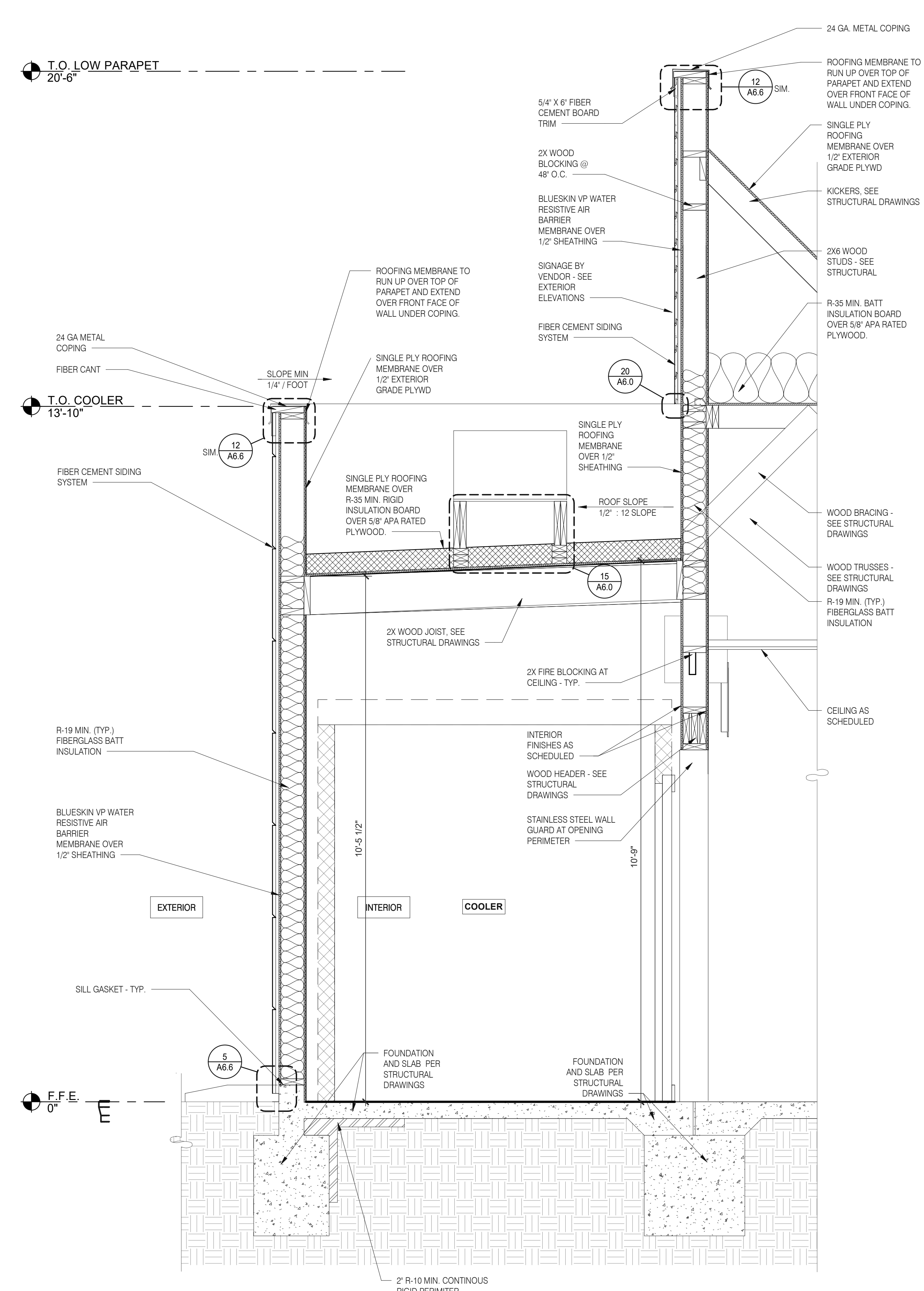
A5.3



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



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



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

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 STORE NUMBER: 448335
 PA/PM: SM
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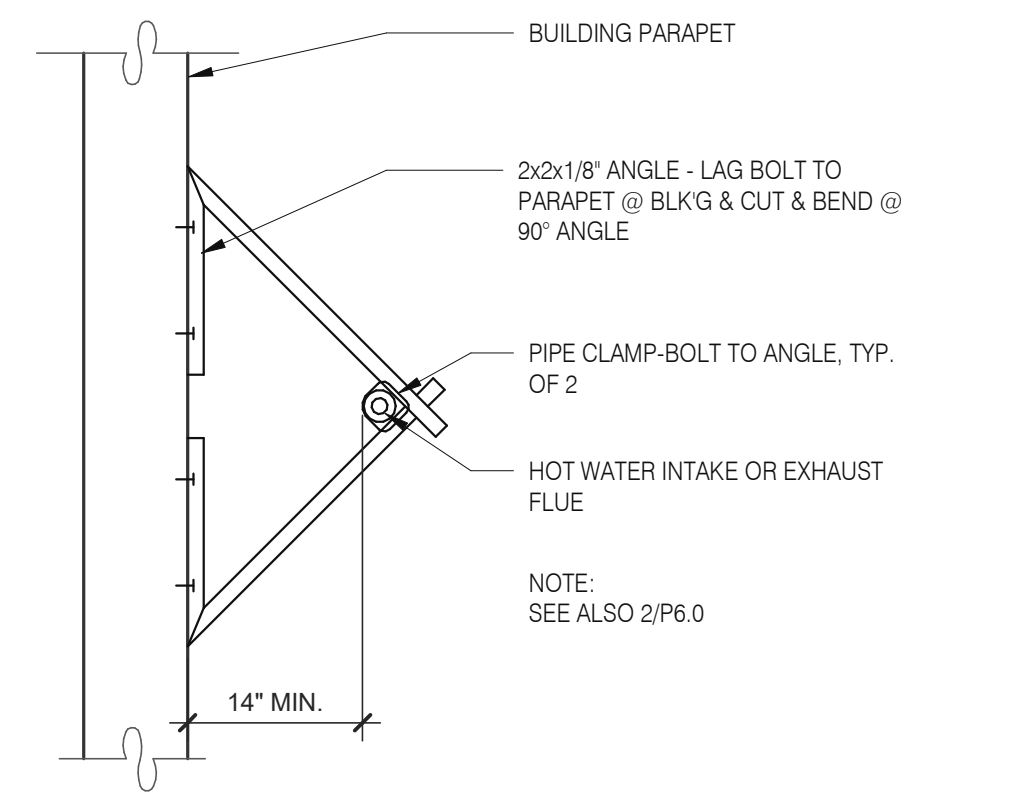
TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



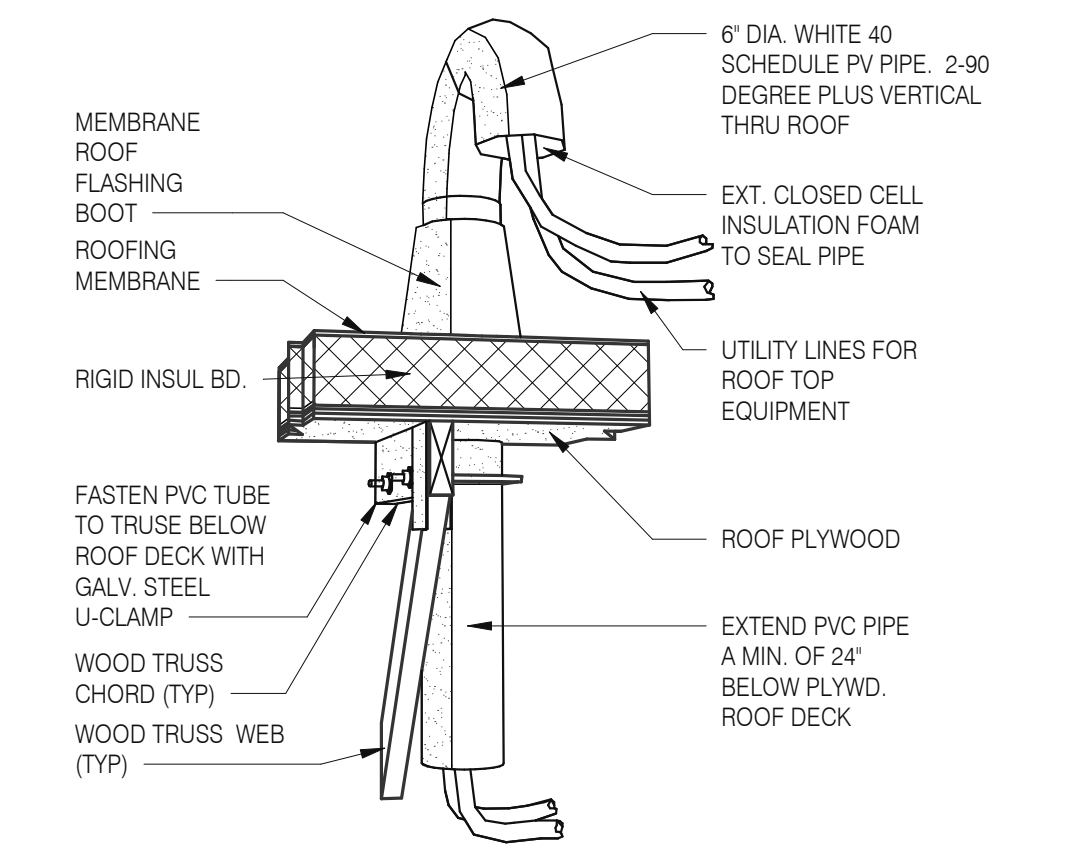
ENDEAVOR 2.0
 WALL
 SECTIONS

A5.4

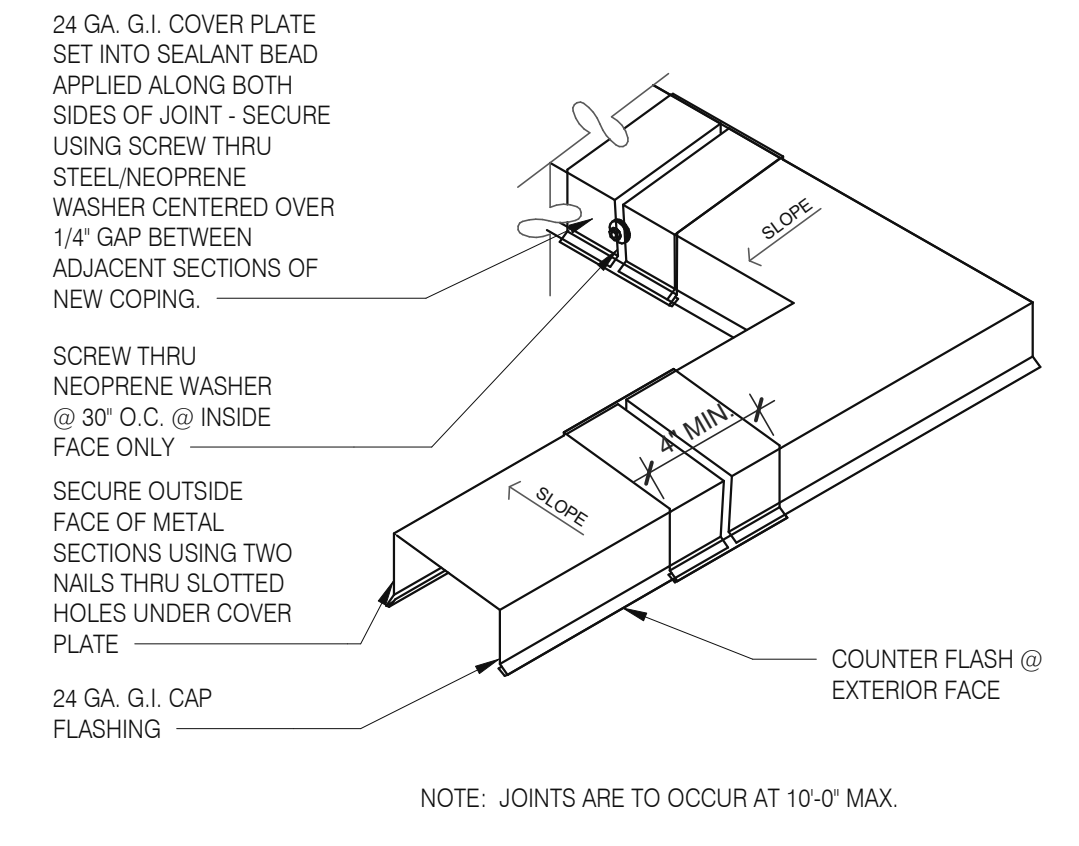
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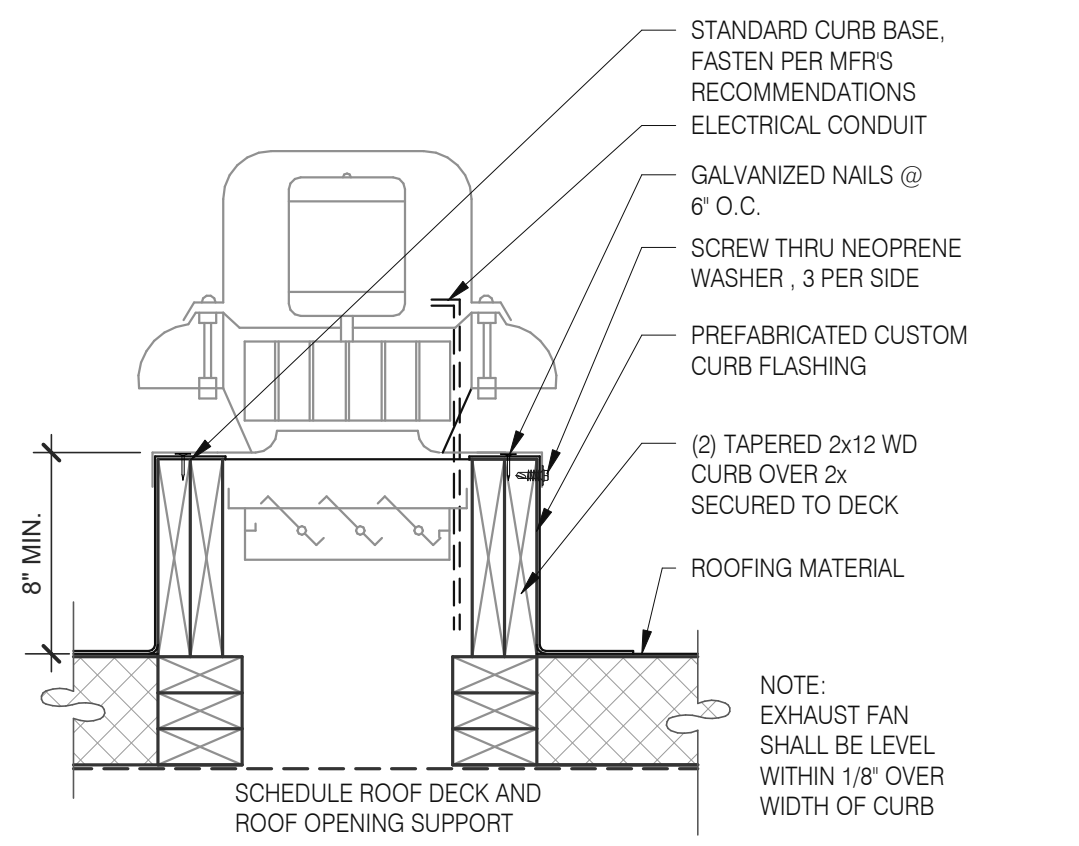
W.H. FLU / INTAKEN PIPE SUPPORT 3" = 1'-0" 13



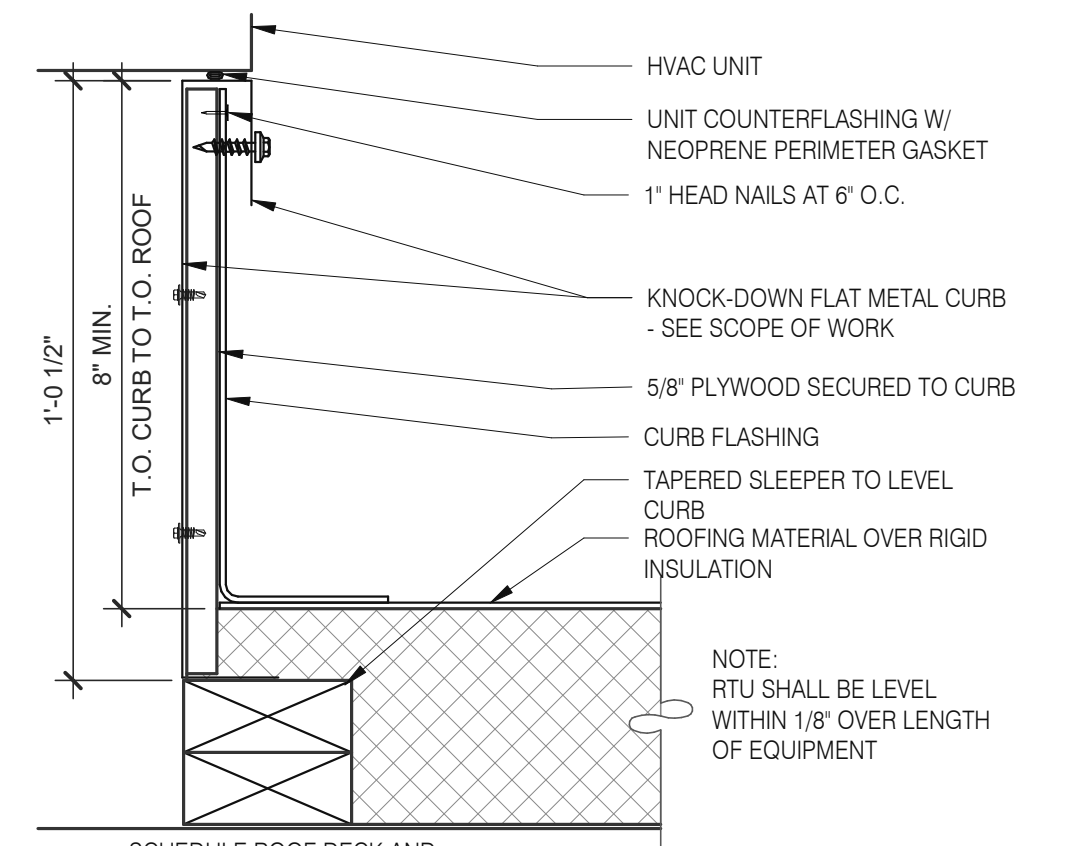
PIPE HOOD N.T.S. 9



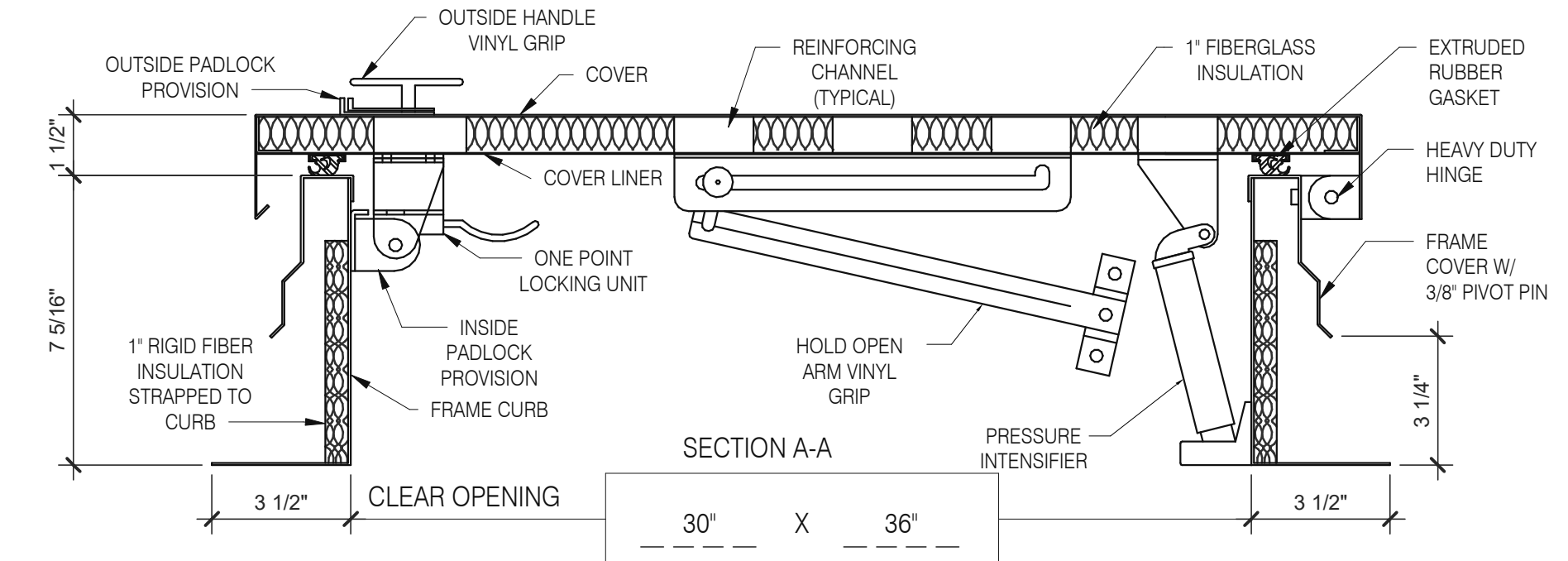
COPING JOINT N.T.S. 5



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



HVAC CURB 3" = 1'-0" 14

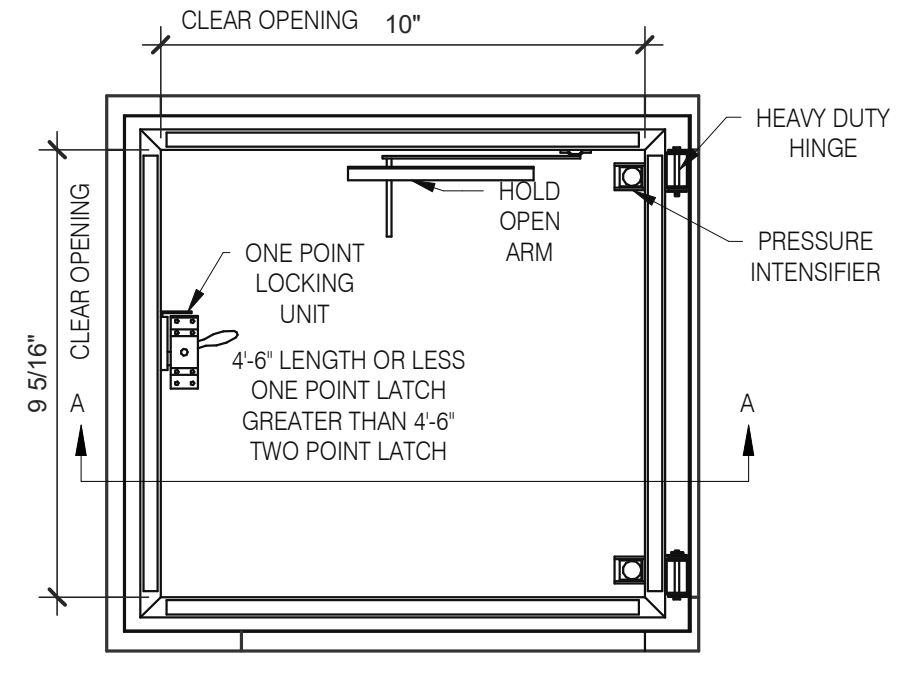


HATCH MATERIAL:

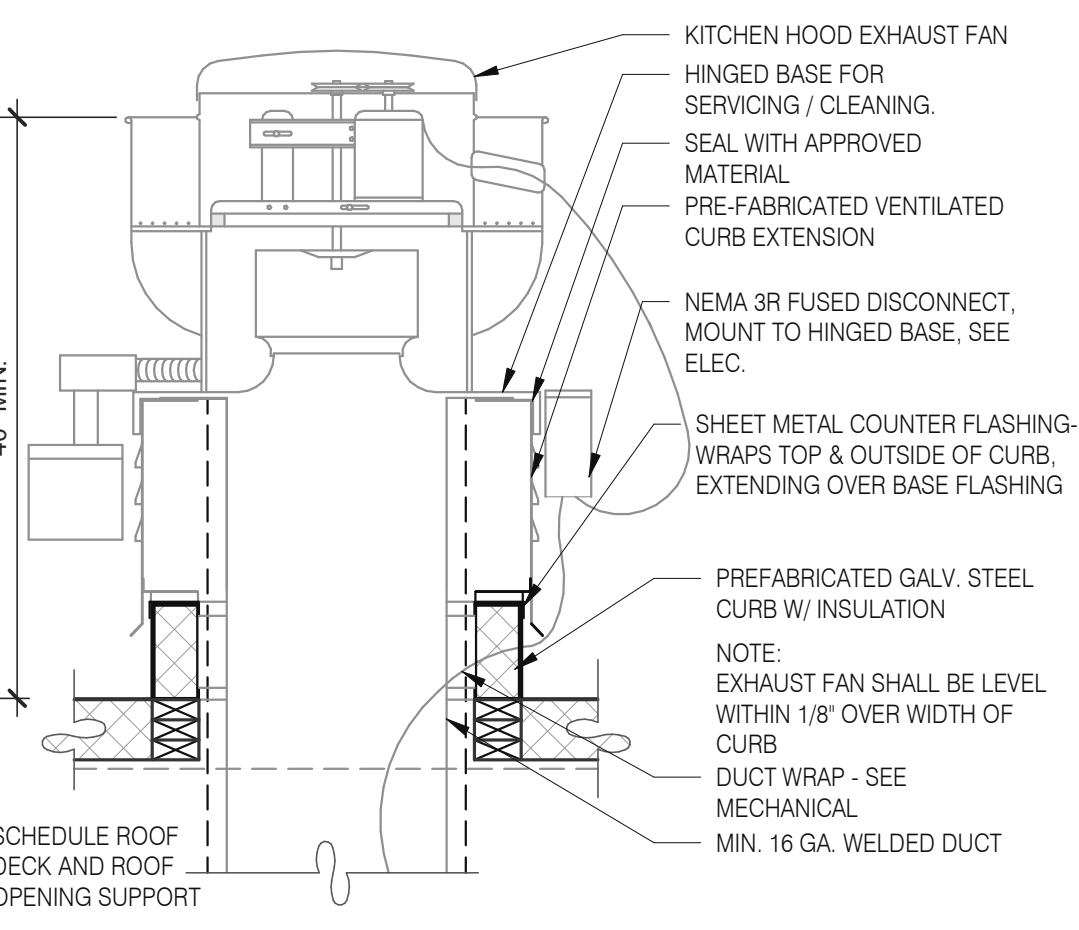
GALVANIZED STEEL (PRIME PAINTED)
COVER - 14 GA. GALV. STEEL
FRAME COVER - 14 GA. GALV. STEEL
FRAME CURB - 14 GA. GALV. STEEL
COVER LINER - 22 GA. GALV. STEEL

HATCH FINISH:
GALV - PRIME PAINTED

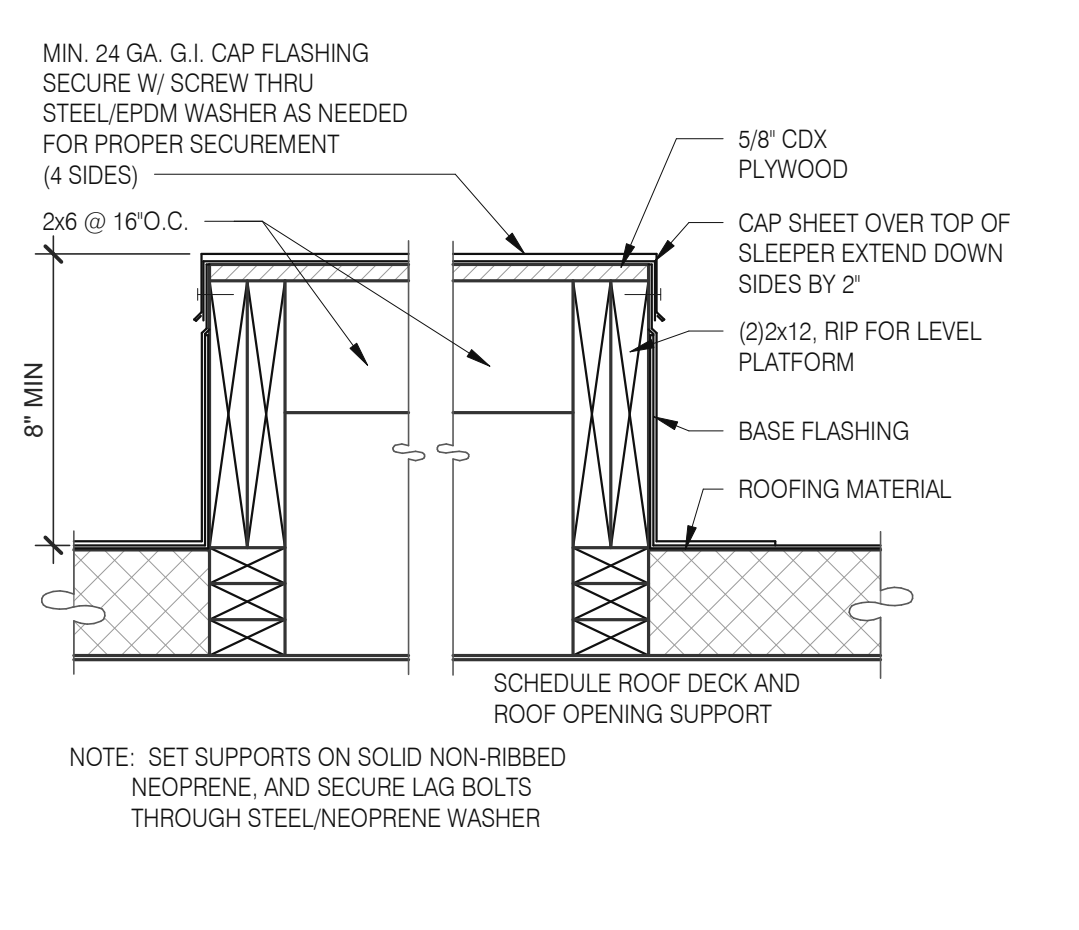
MANUFACTURER:
PRECISION LADDERS, LLC OR EQUAL



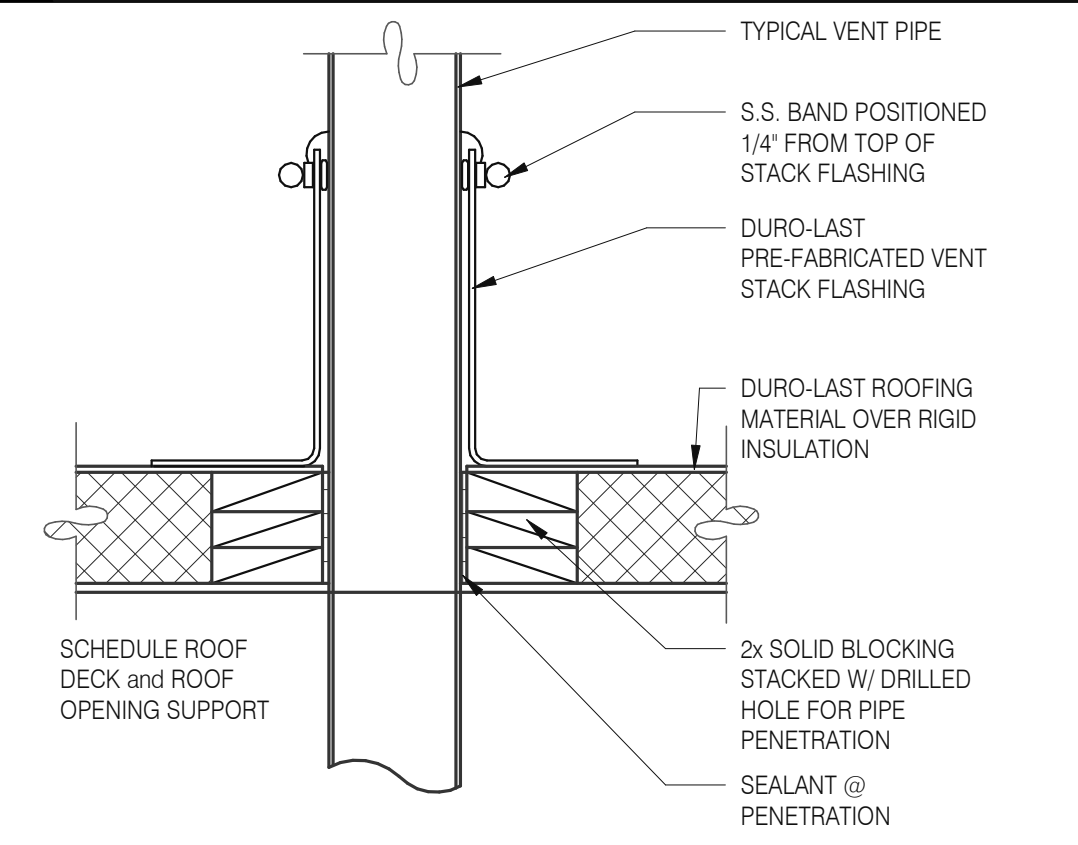
NOTES:
(1) ALL MOUNTING HARDWARE TO BE SUPPLIED BY OTHERS.
(2) FOR OPERATING EFFICIENCY, HATCH HARDWARE VARIES BY SIZE.
EXAMPLE MODEL#: PH- A/G OPENING SIZE IN FEET-INCHES (PH-G2630)



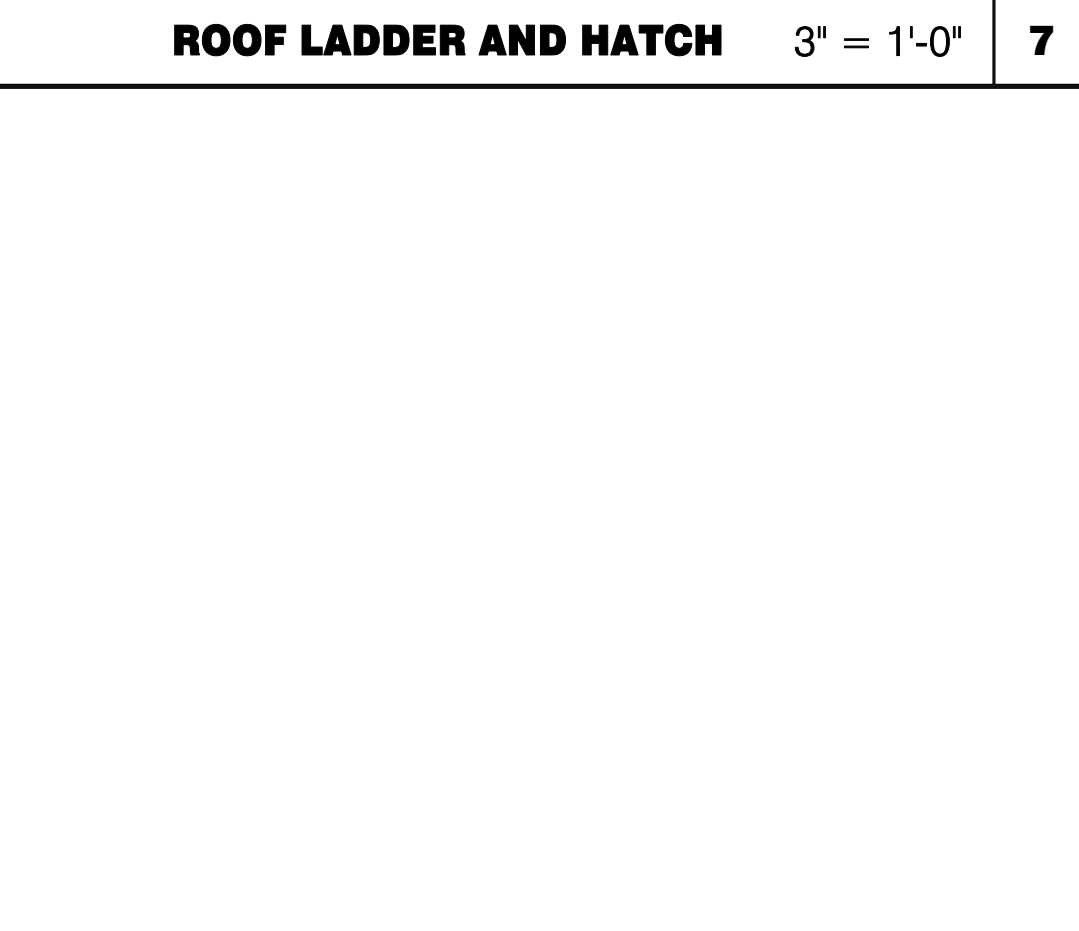
EXHAUST FAN CURB 3" = 1'-0" 19



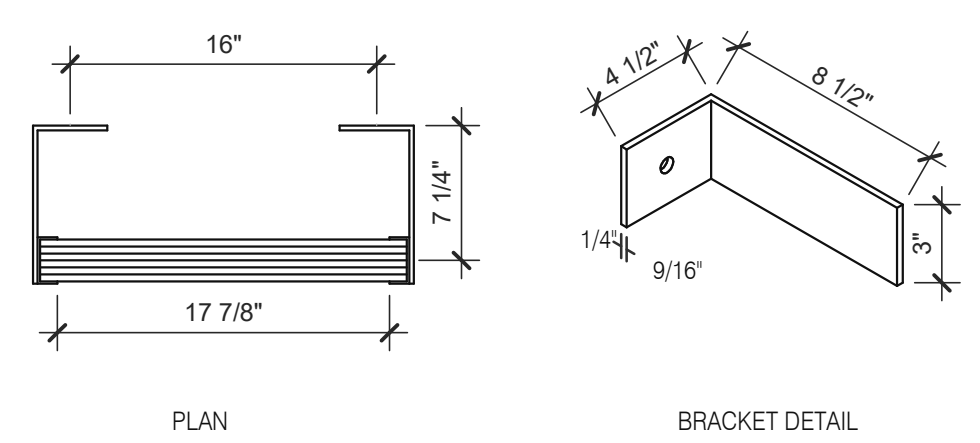
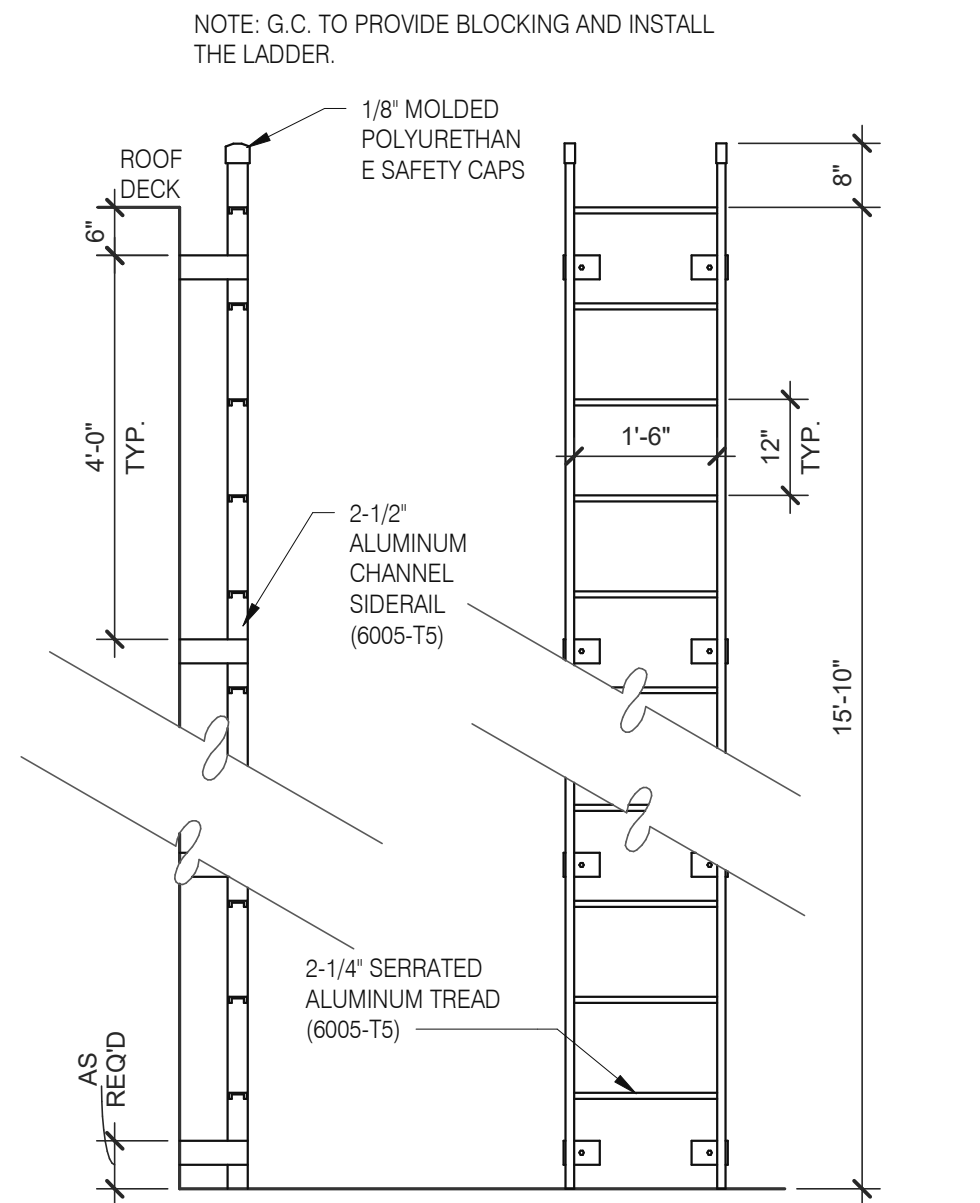
EQUIPMENT PLATFORM SUPPORT 3" = 1'-0" 15



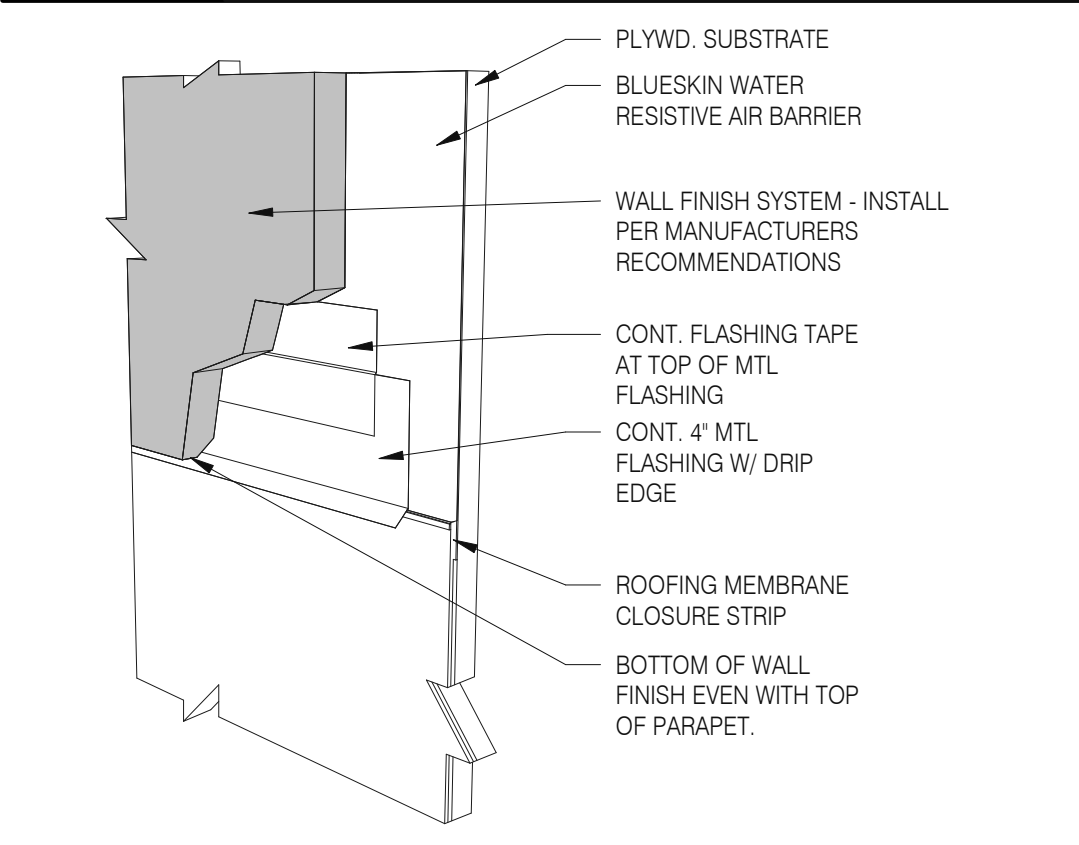
SEALED PIPE FLASHING 3" = 1'-0" 12



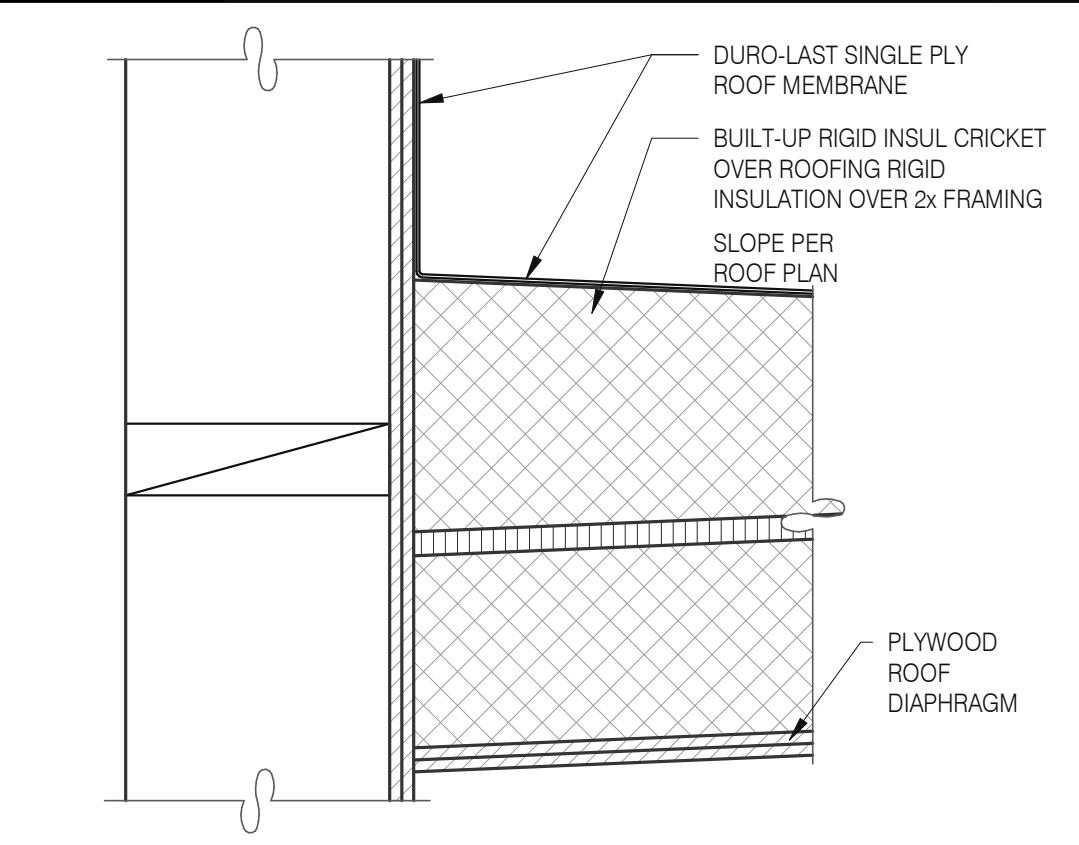
ROOF LADDER AND HATCH 3" = 1'-0" 7



ROOF LADDER N.T.S. 4



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



CRICKET 3" = 1'-0" 16

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PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL

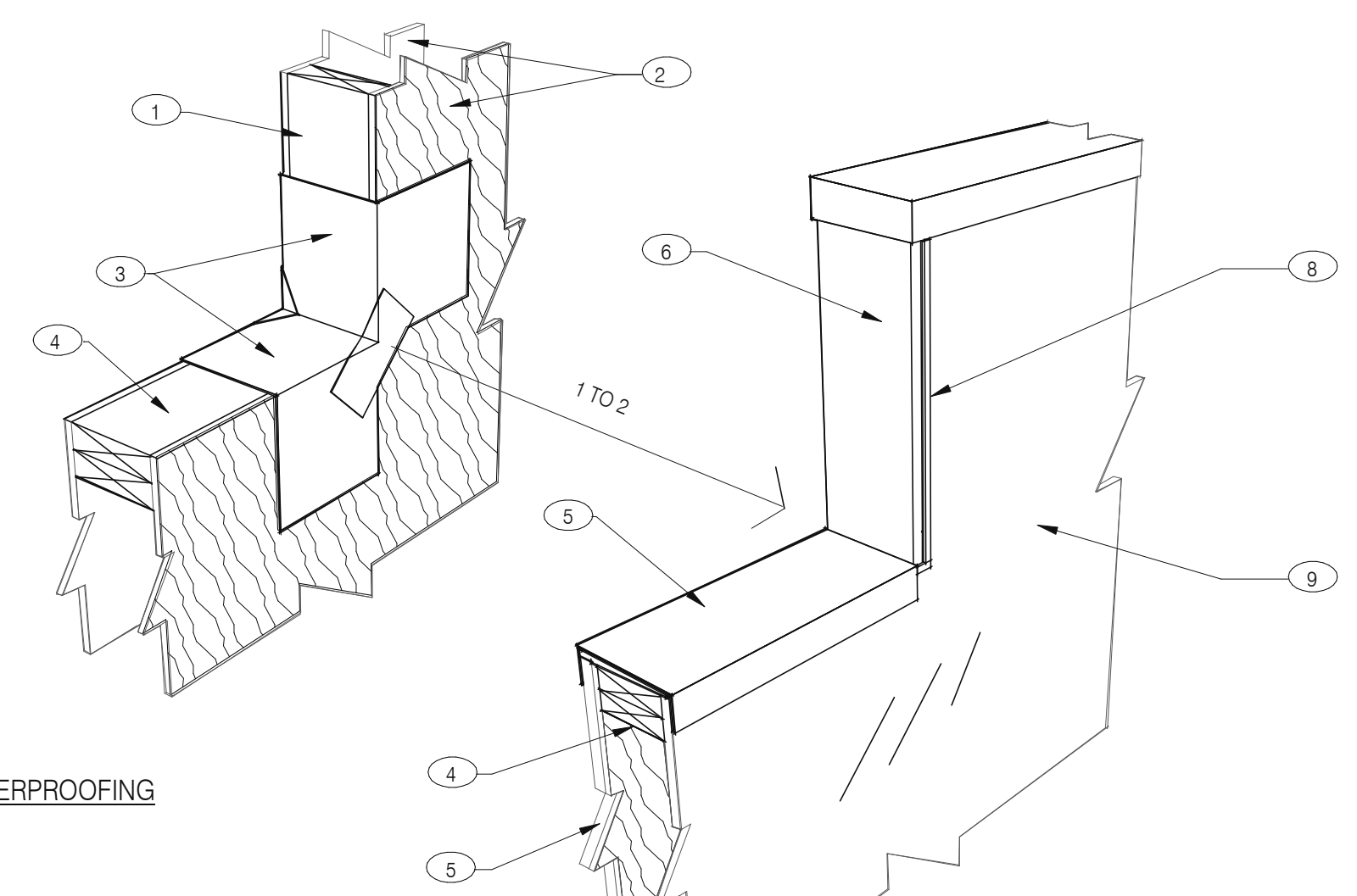
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 CONSTRUCTION DETAILS ROOF

A6.0

PLOT DATE: 1/19/2022 11:08:05 AM



1 - PRE-WATERPROOFING

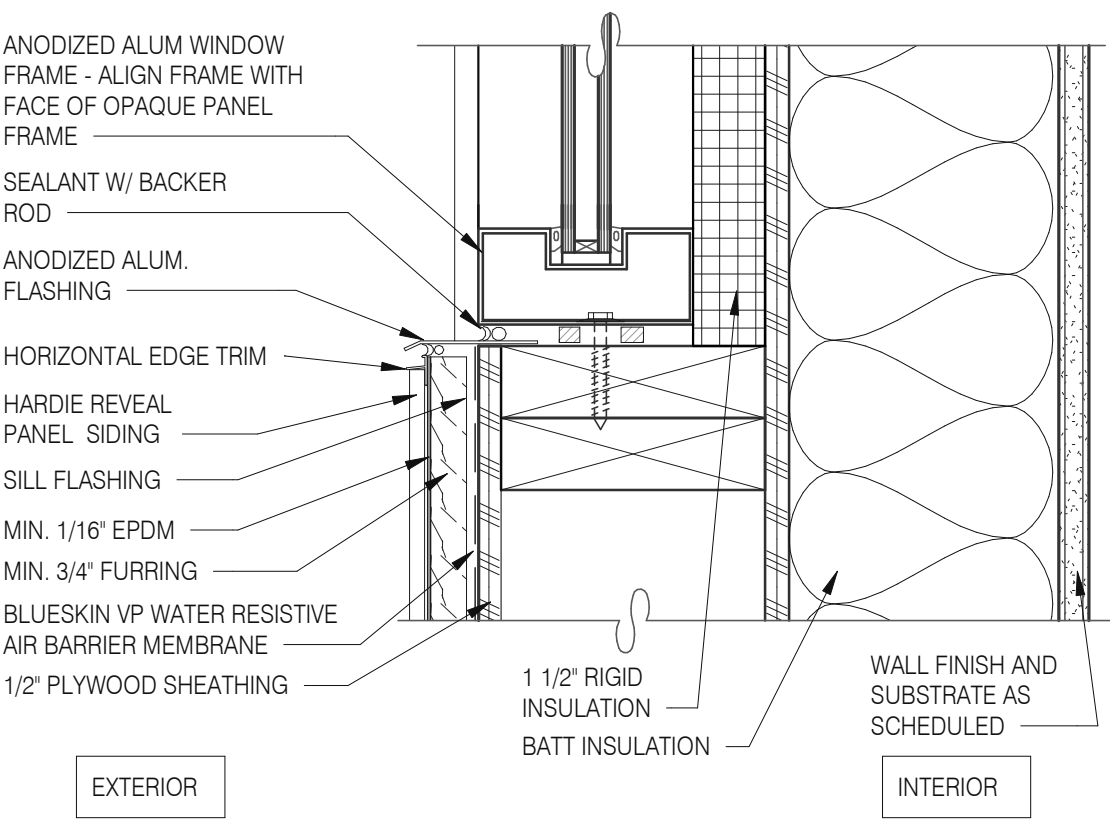
2 - FINISH-WATERPROOFING

NOTES

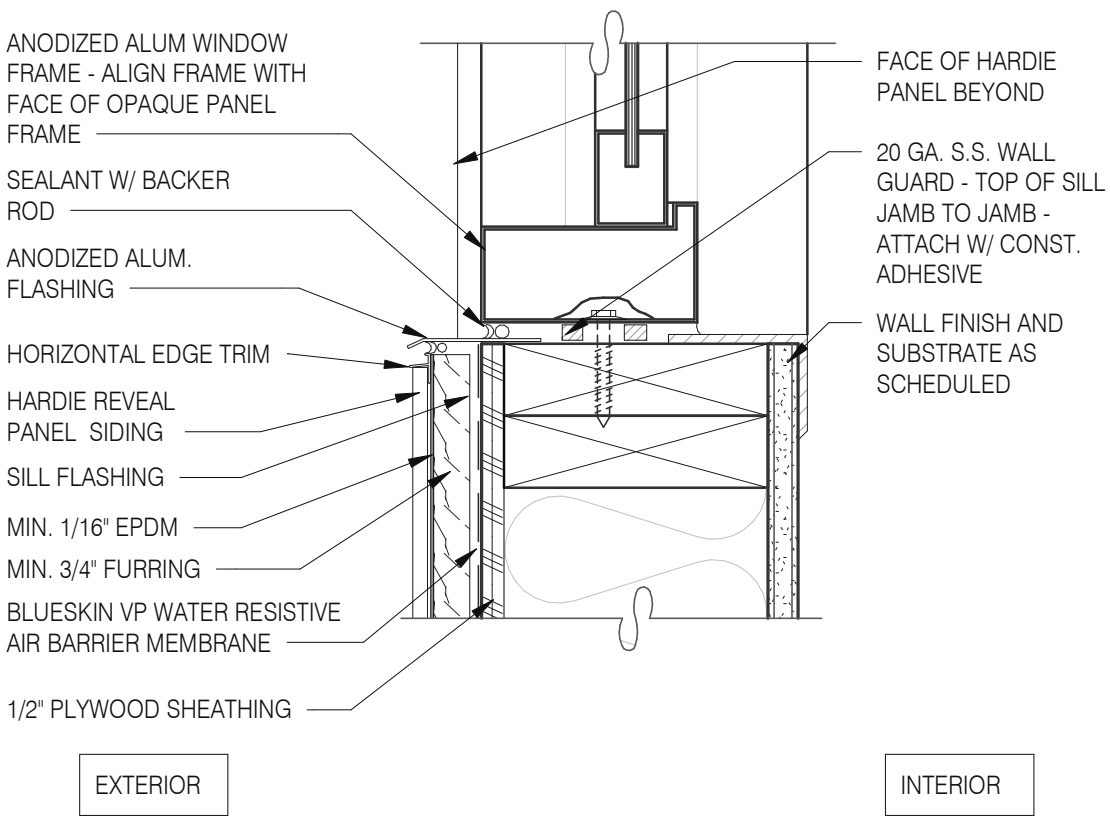
- ① 2X WOOD STUDS
- ② PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- ③ FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- ④ DOUBLE 2X TOP PLATE.
- ⑤ PAINTED 24 GAUGE PARAPET COPING.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

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

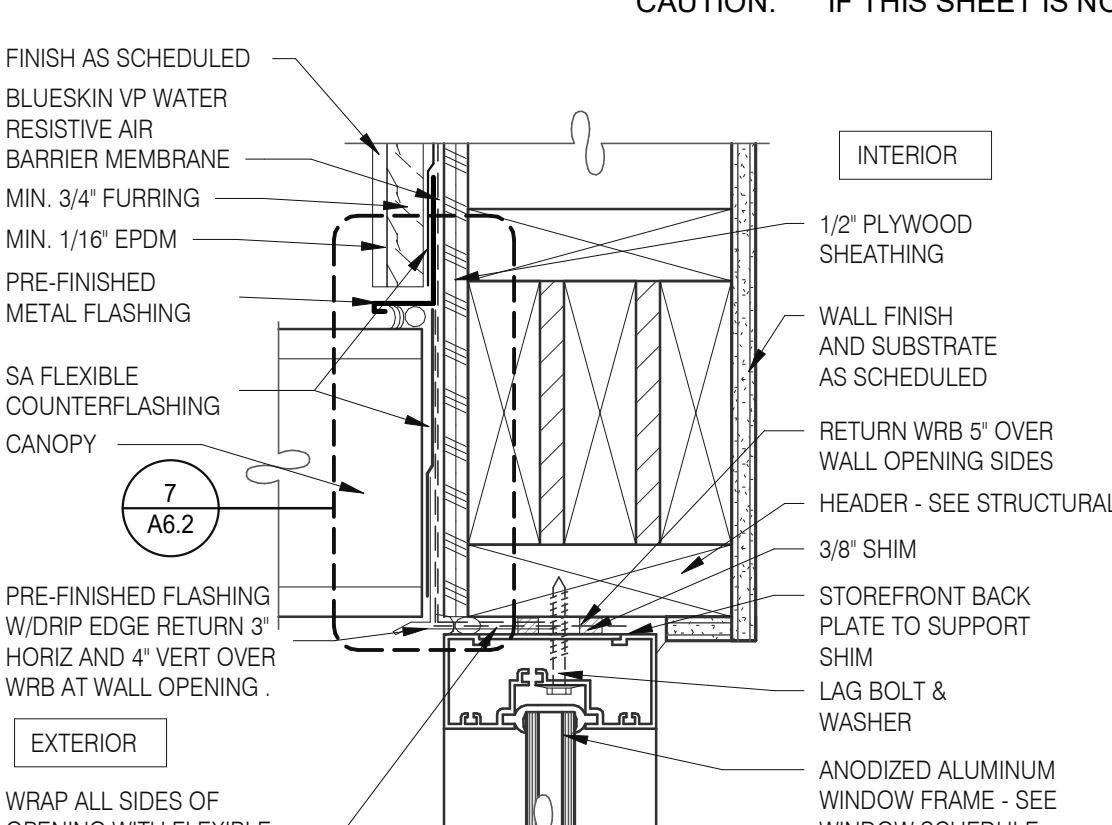
PARAPET CAP & TRANSITION 3" = 1'-0" 13



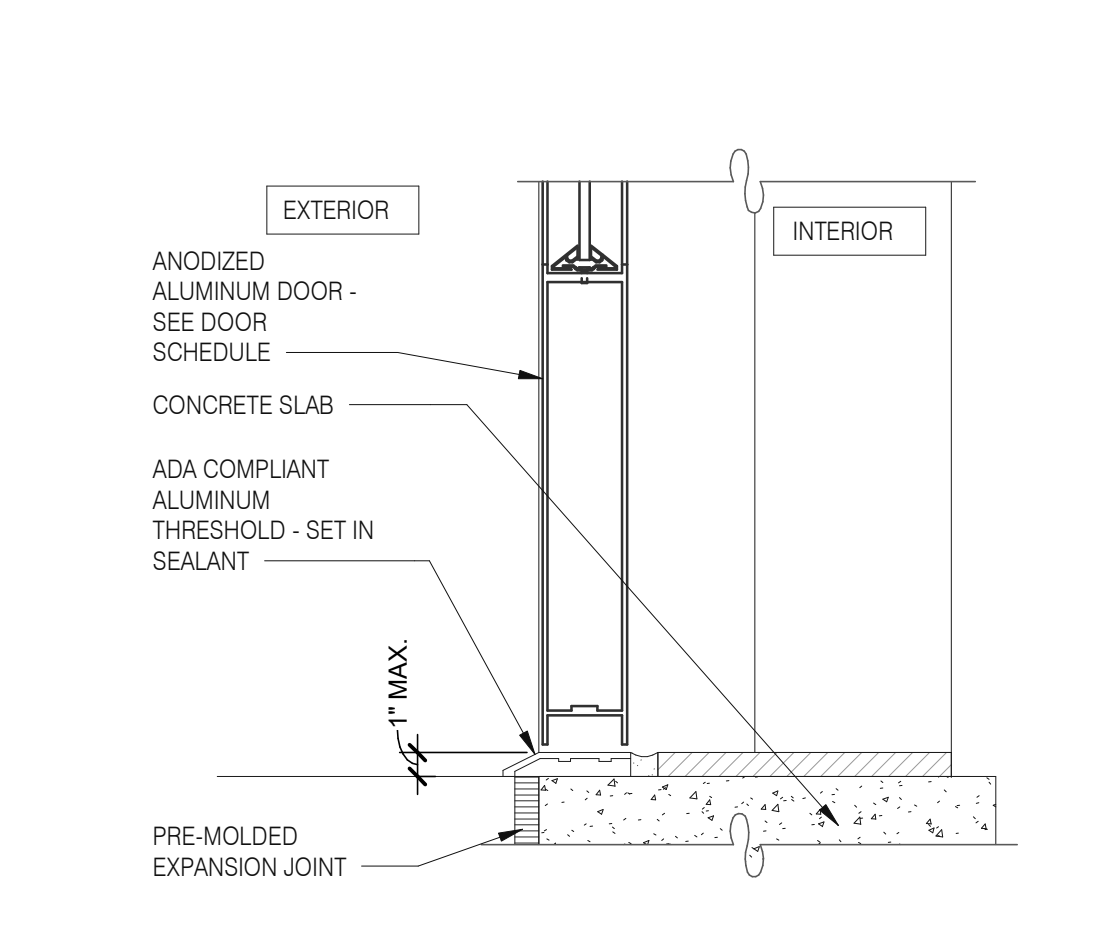
WINDOW SILL @ SPANDREL 3" = 1'-0" 9



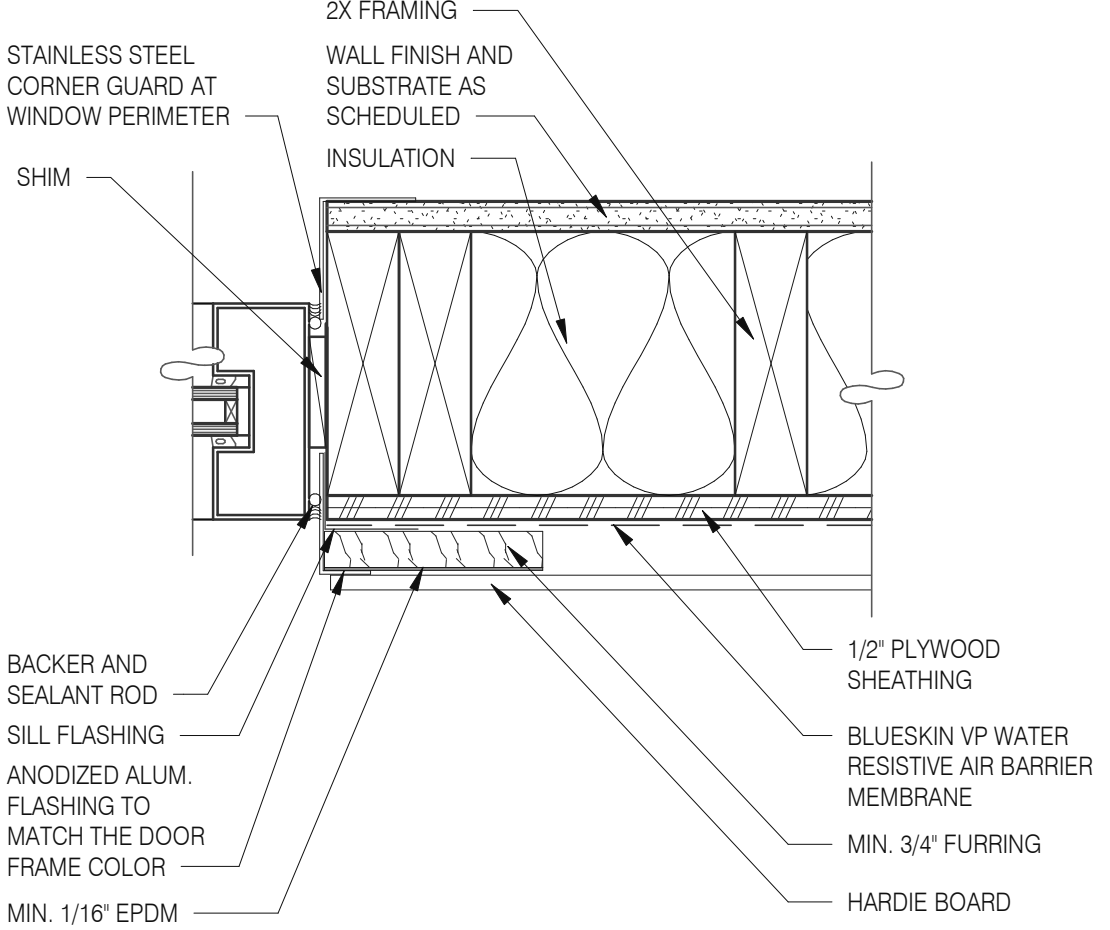
WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5



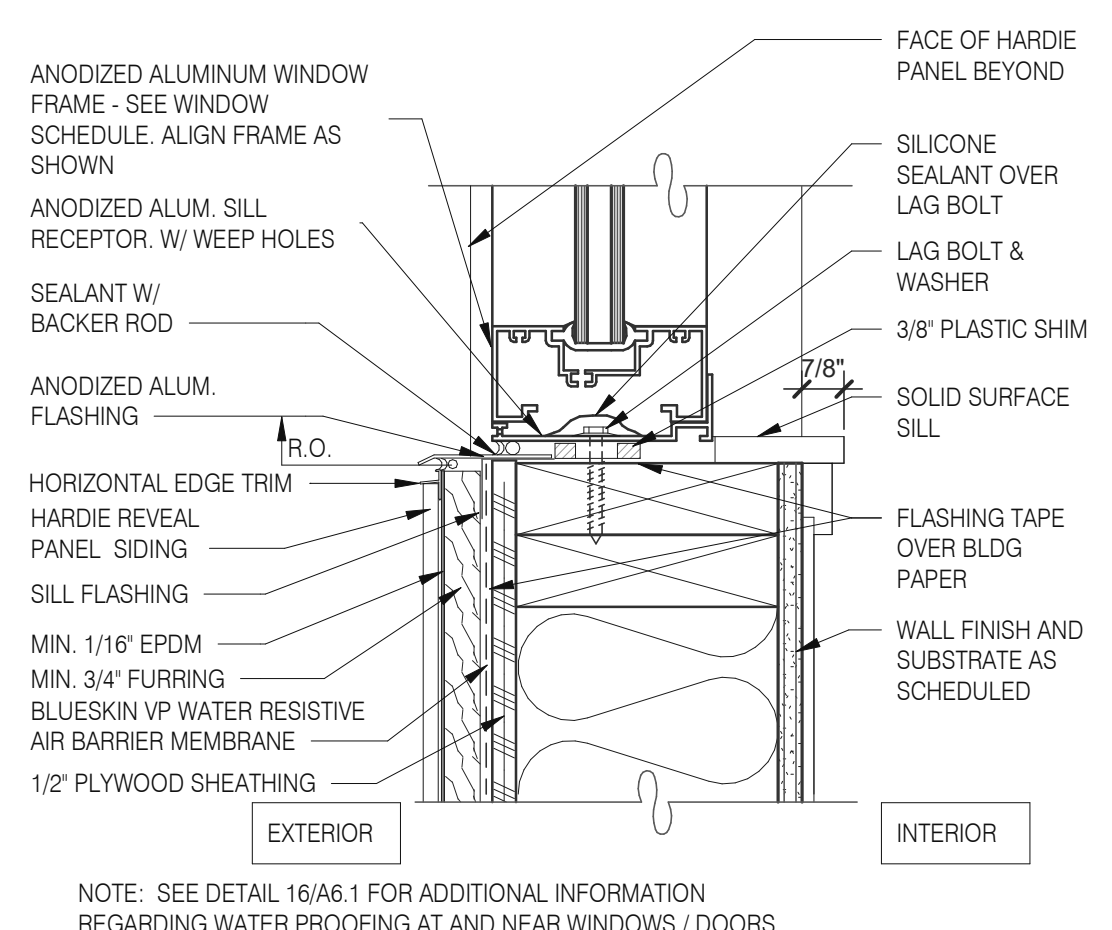
TYPICAL WINDOW HEAD W/ CANOPY 3" = 1'-0" 1



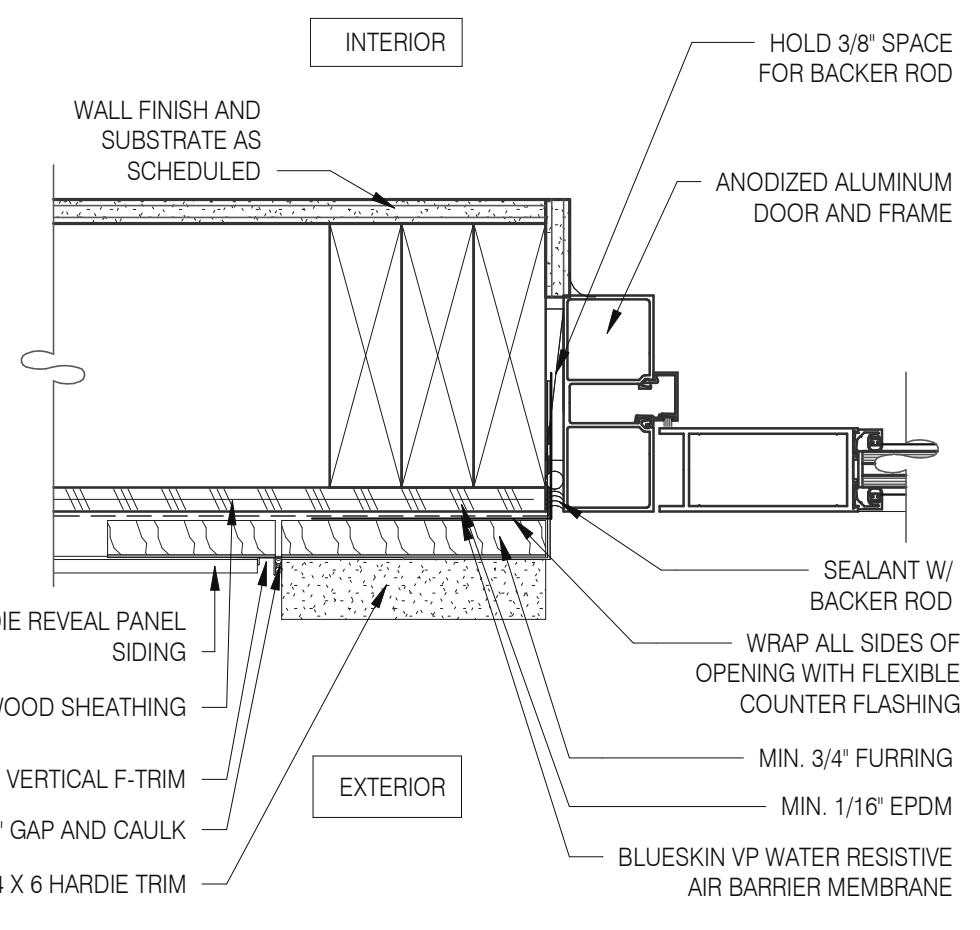
STOREFRONT DOOR SILL 3" = 1'-0" 10



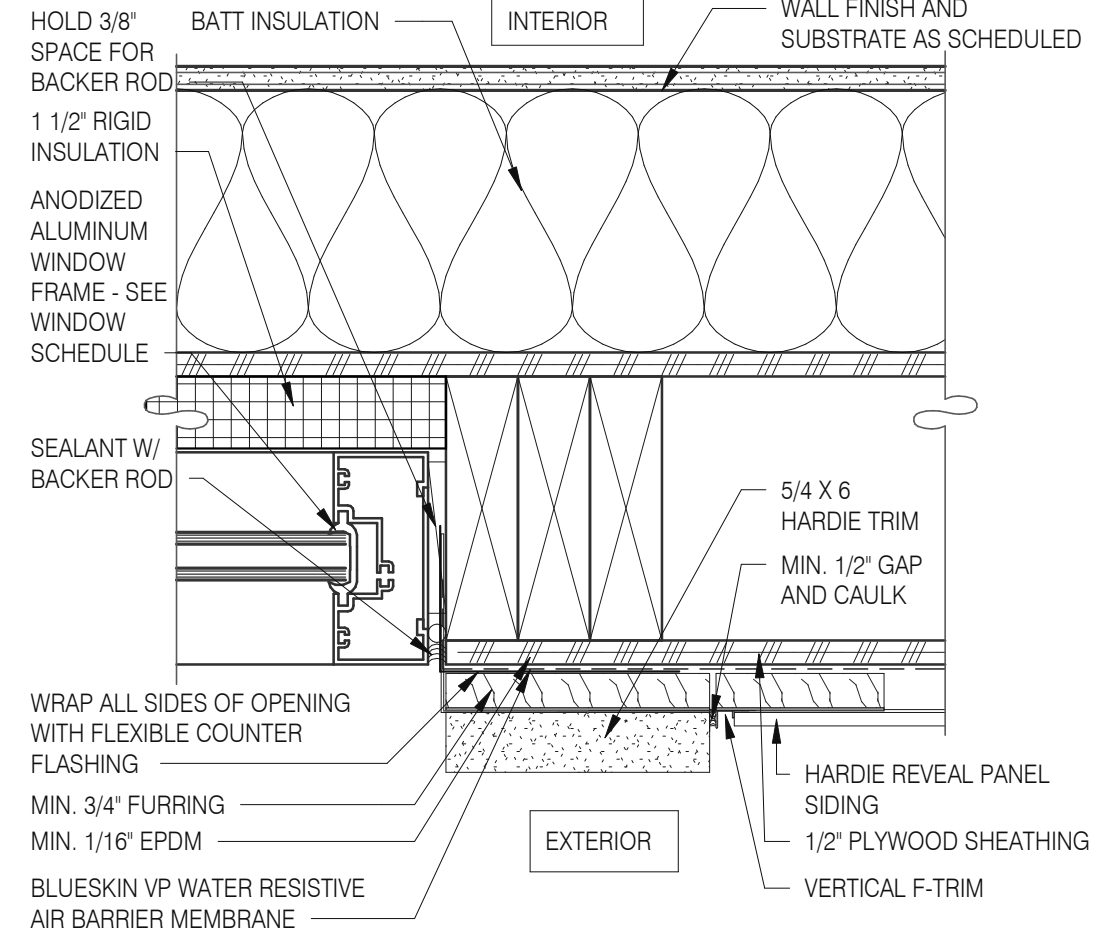
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



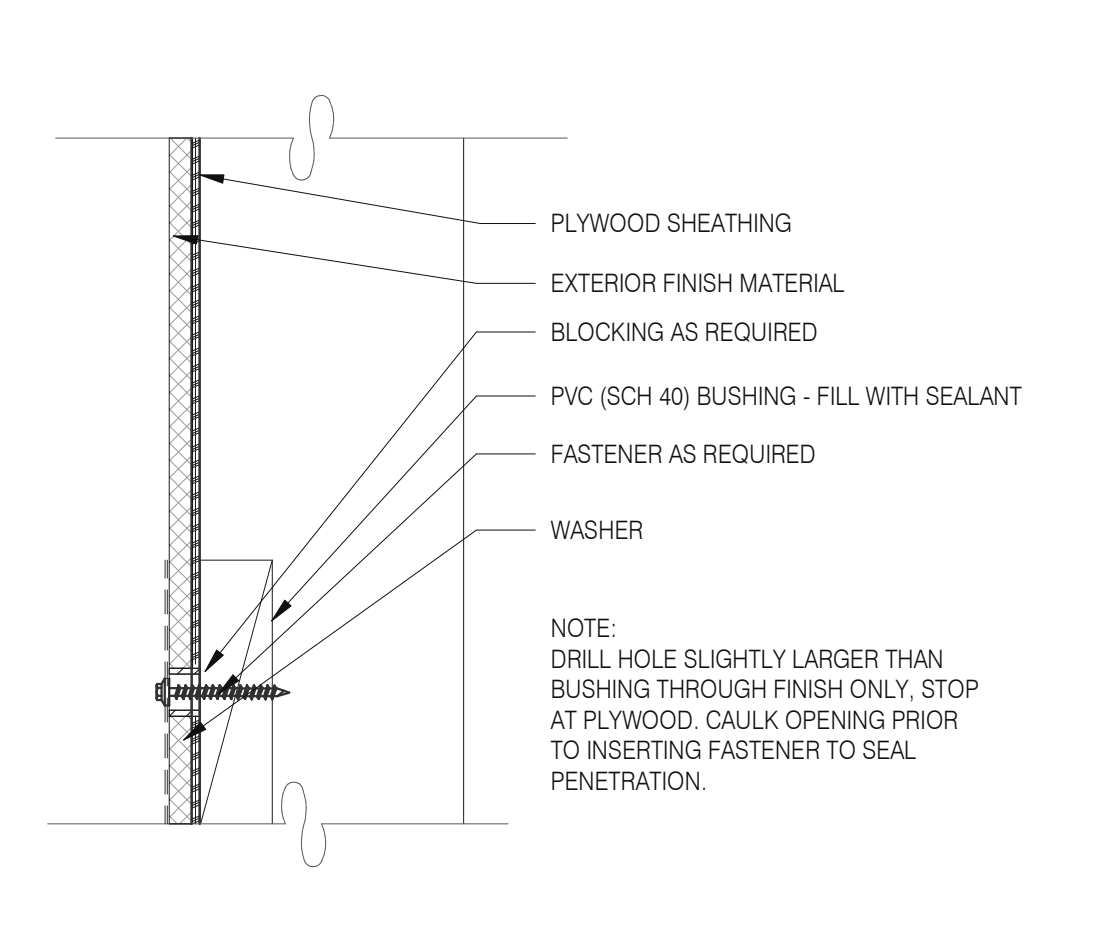
TYPICAL WINDOW SILL 3" = 1'-0" 2



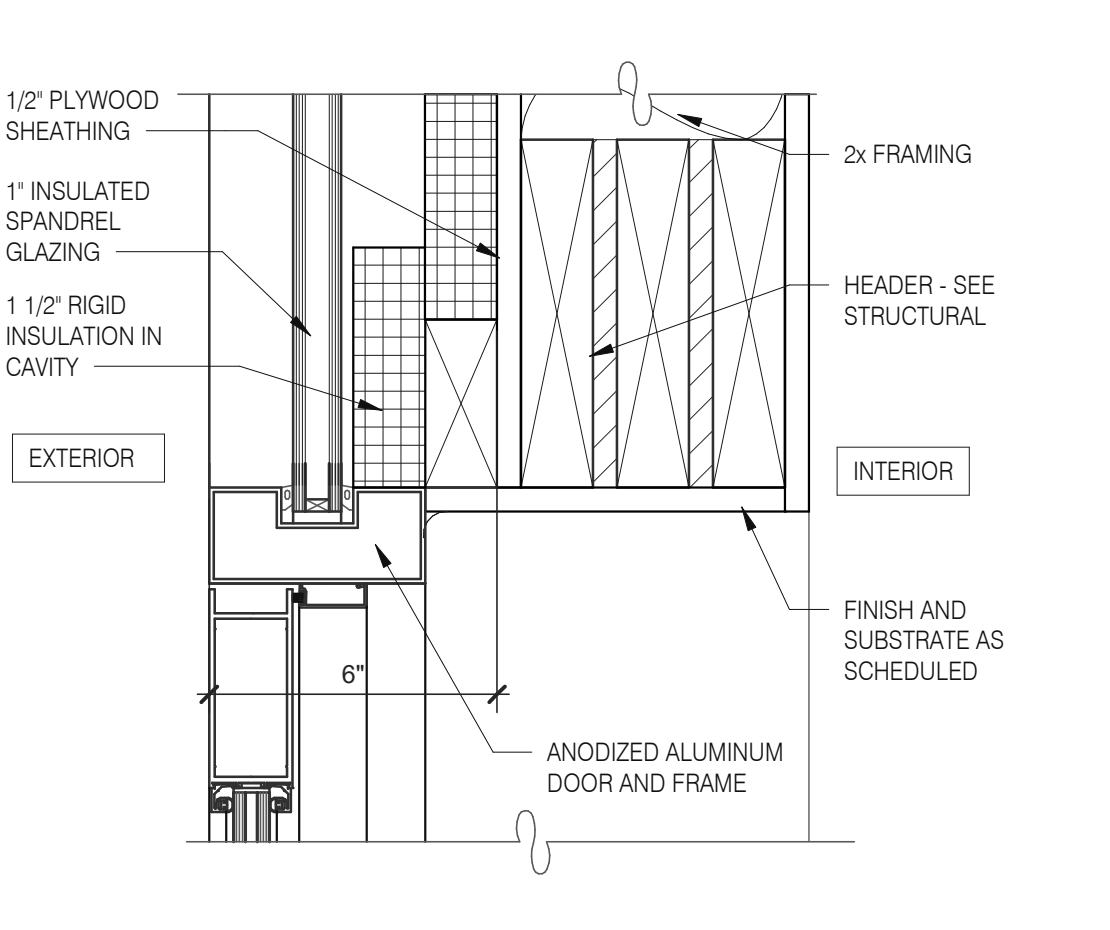
DOOR JAMB 3" = 1'-0" 16



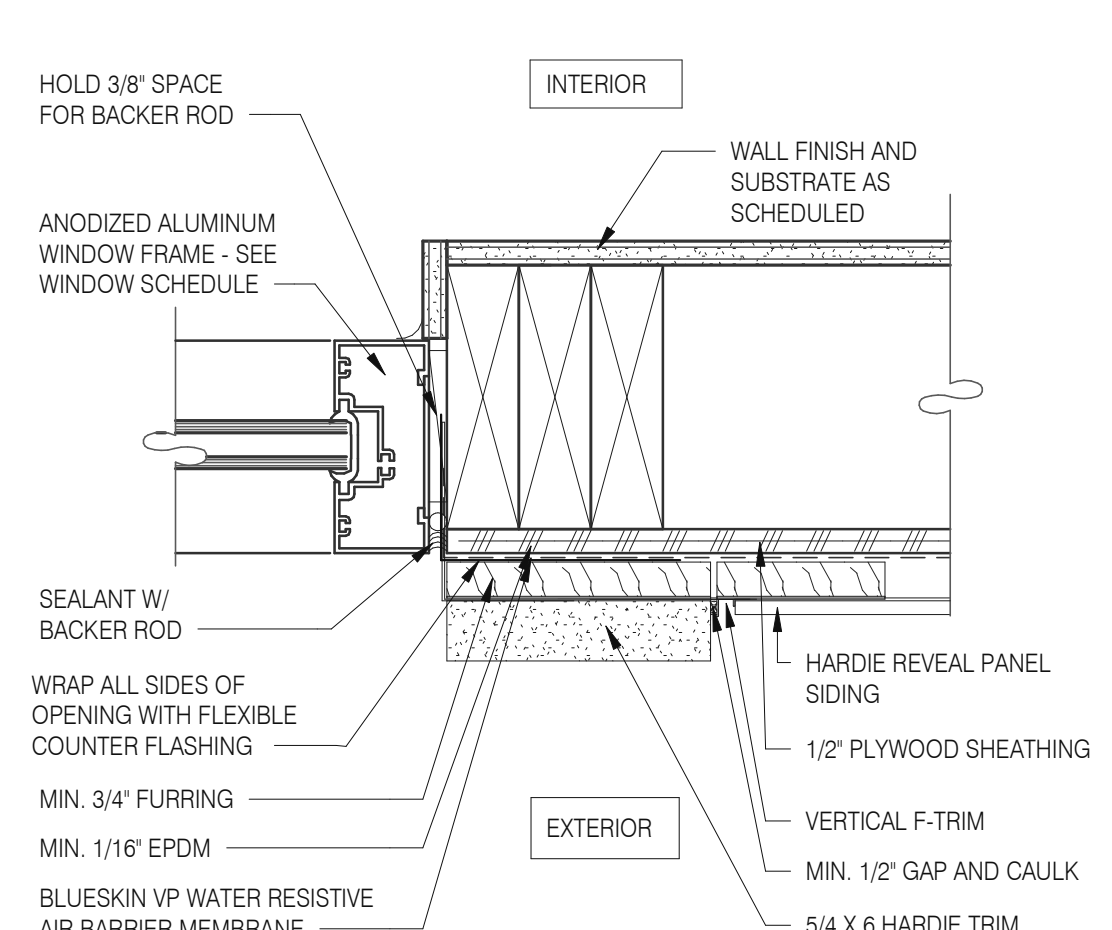
WINDOW JAMB @ SPANDREL 3" = 1'-0" 14



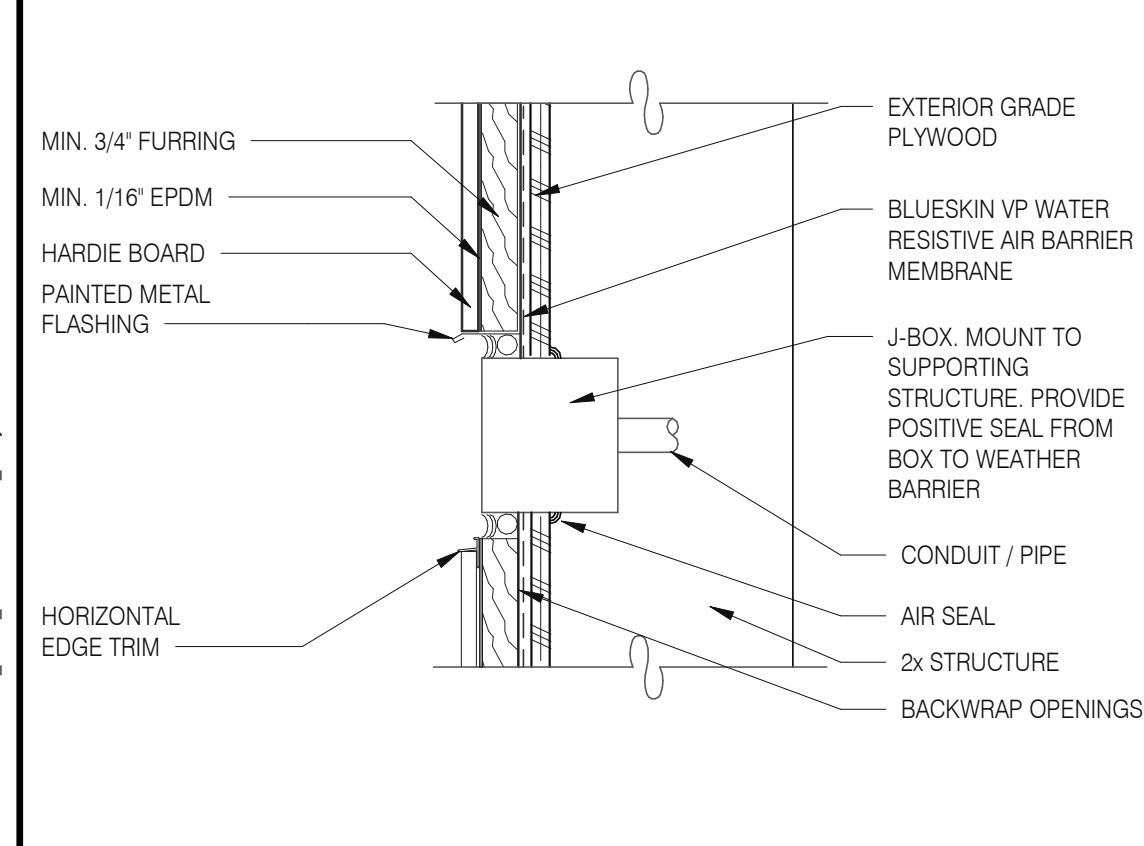
CONNECTION THRU EXT. FINISH 1" = 1'-0" 11



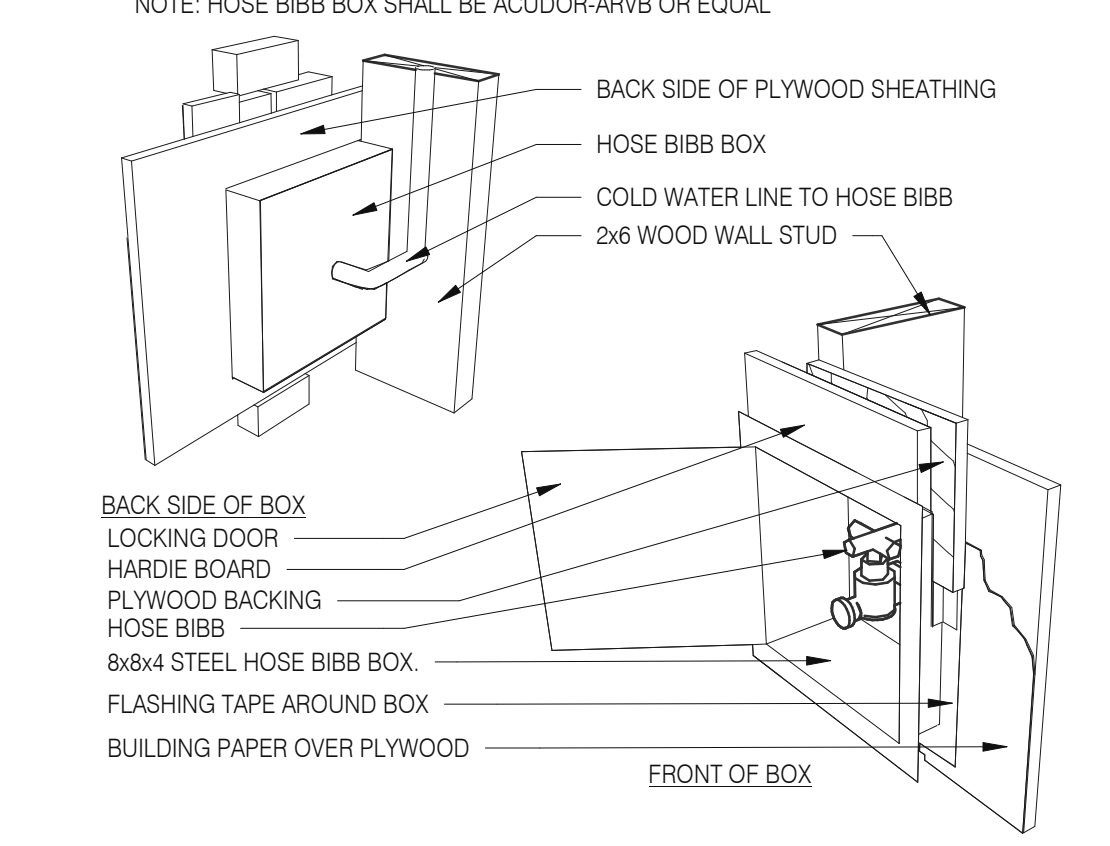
HEAD/ JAMB @ SERVICE DOOR 3" = 1'-0" 7



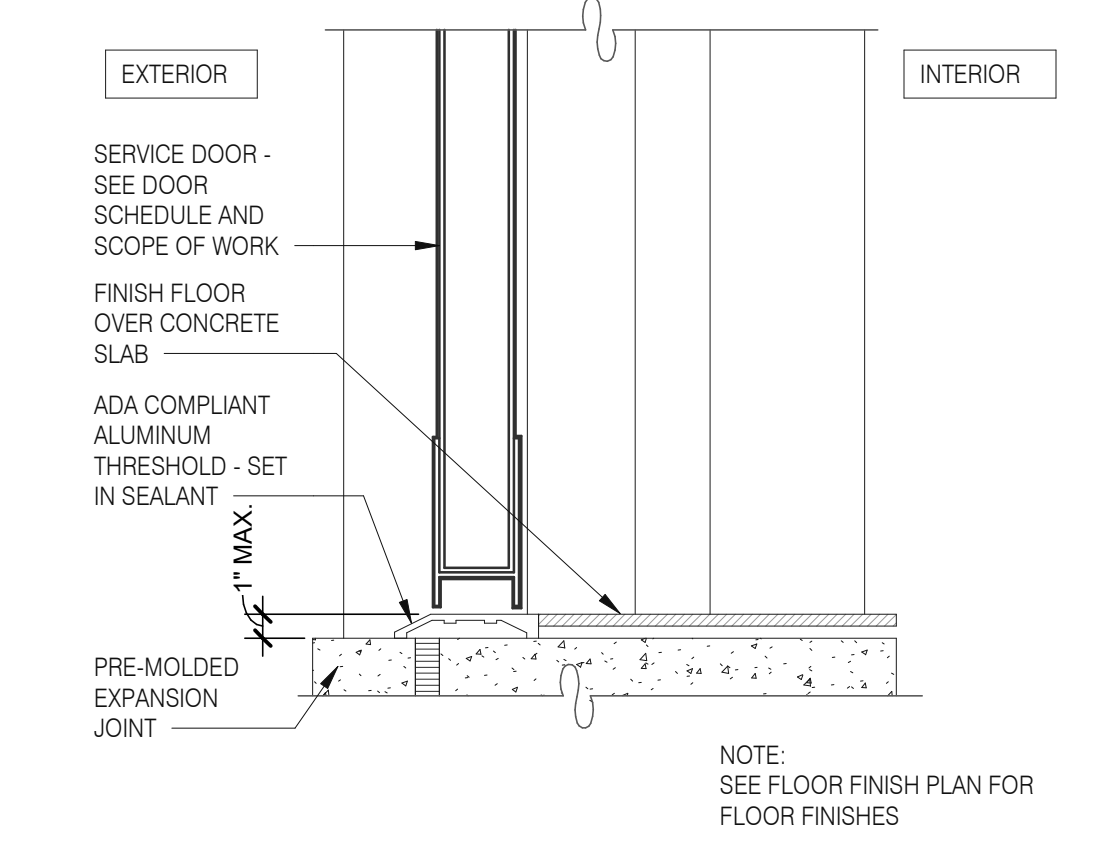
TYPICAL WINDOW JAMB 3" = 1'-0" 3



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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TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

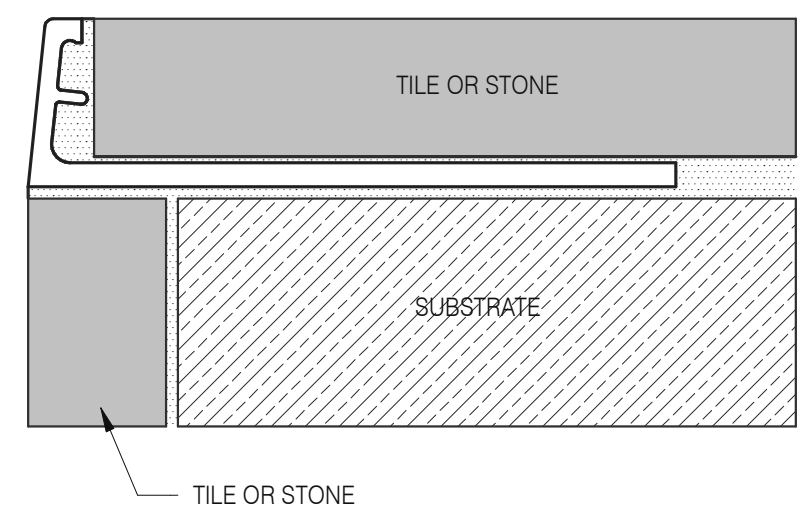


ENDEAVOR 2.0 CONSTRUCTION DETAILS DOOR/WINDOW

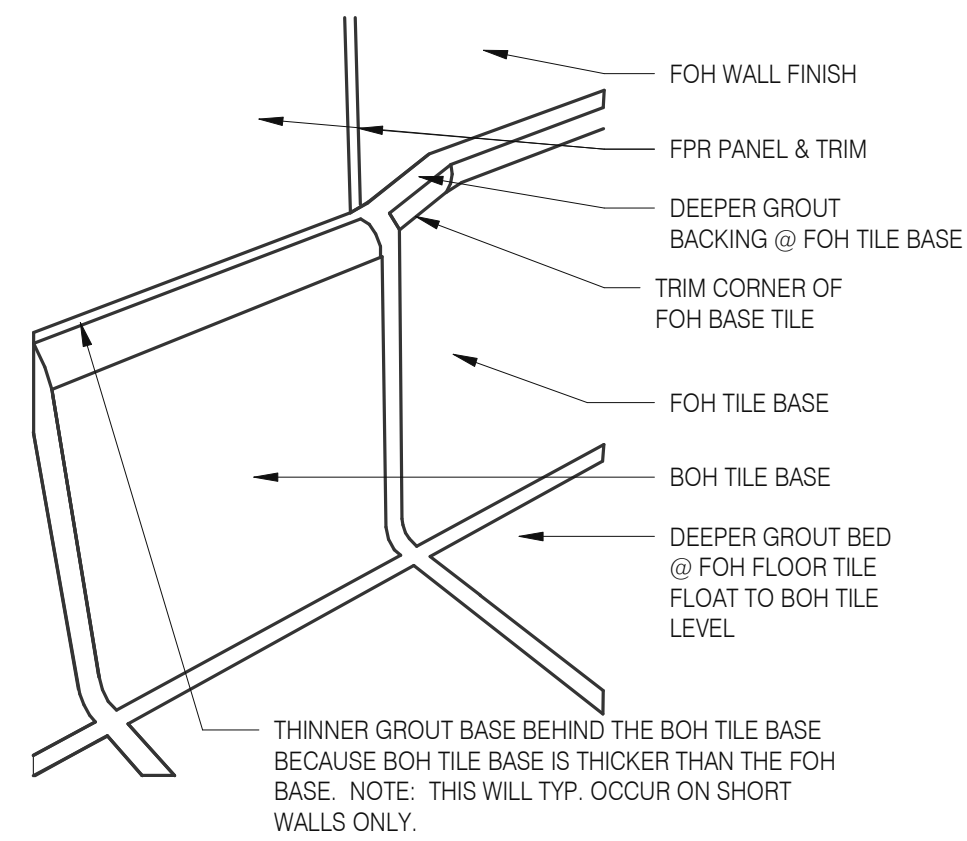
A6.1

PLOT DATE: 1/19/2022 11:08:08 AM

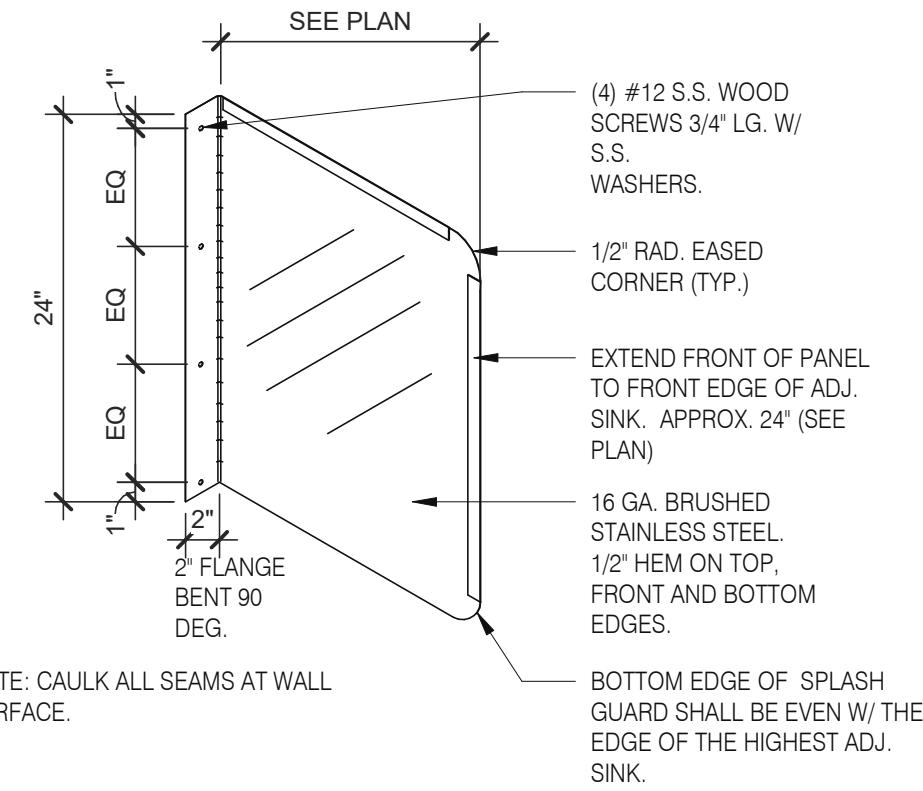
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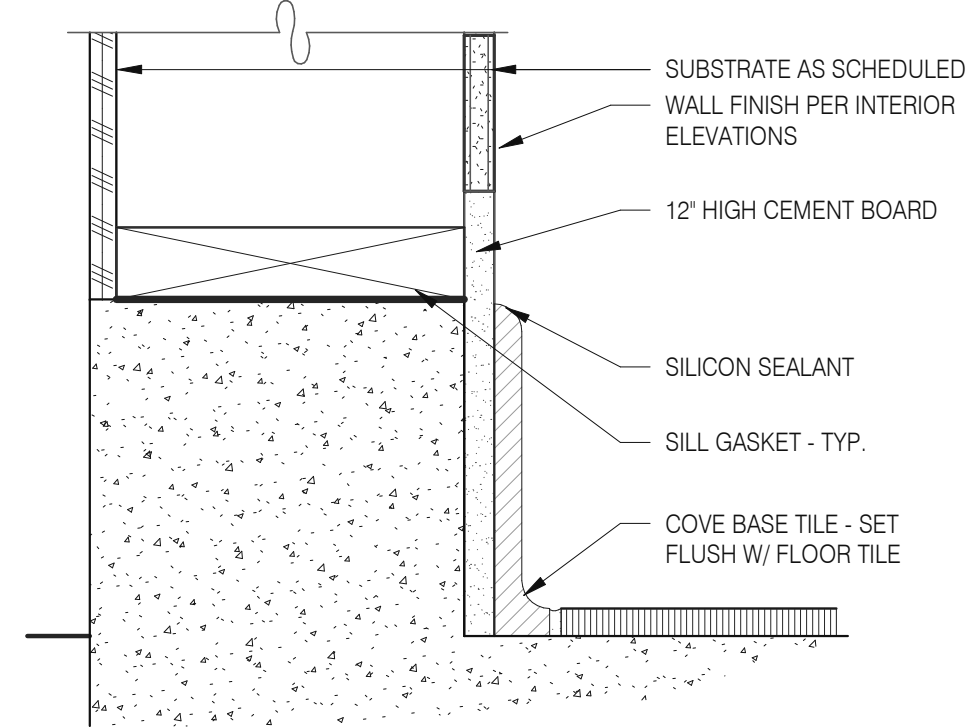
Schluter Jolly Corner Guard 1 1/2" = 1'-0" **17**



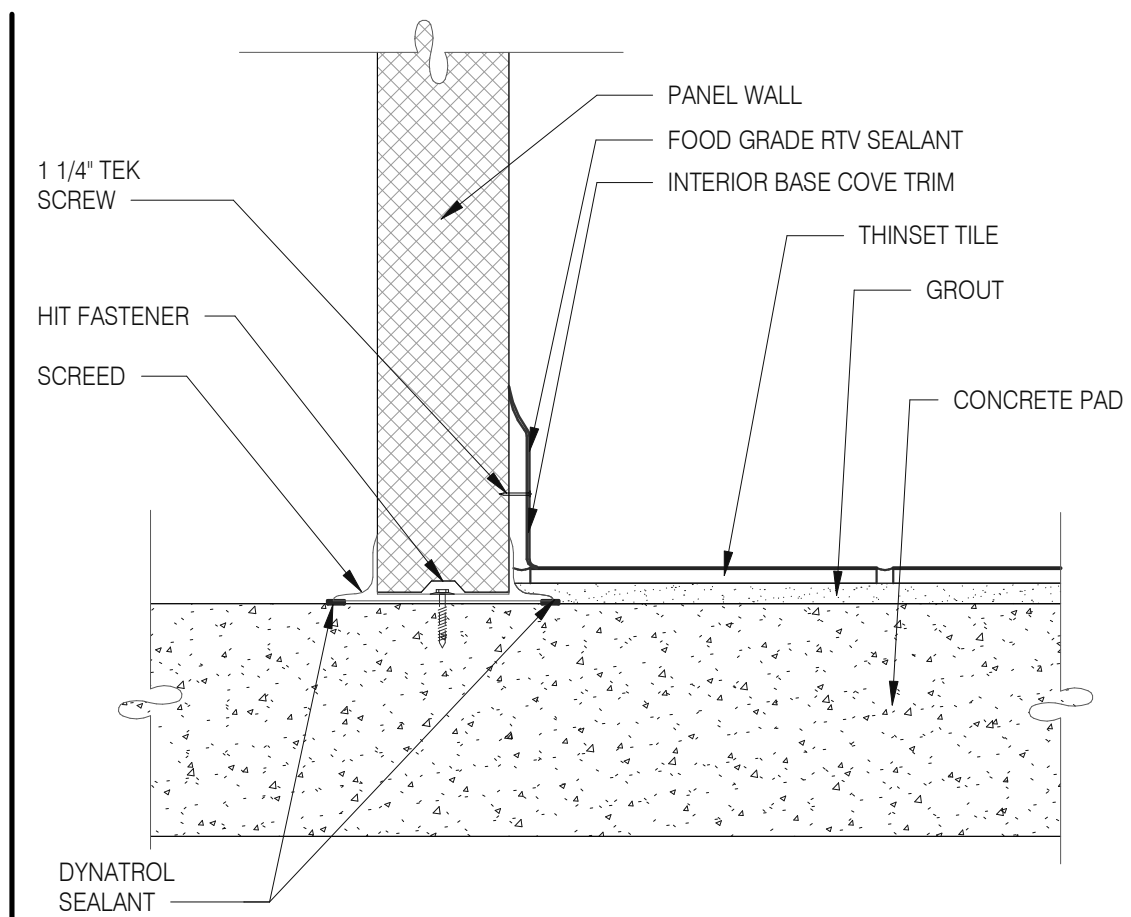
Tile Base Transition 12" = 1'-0" **13**



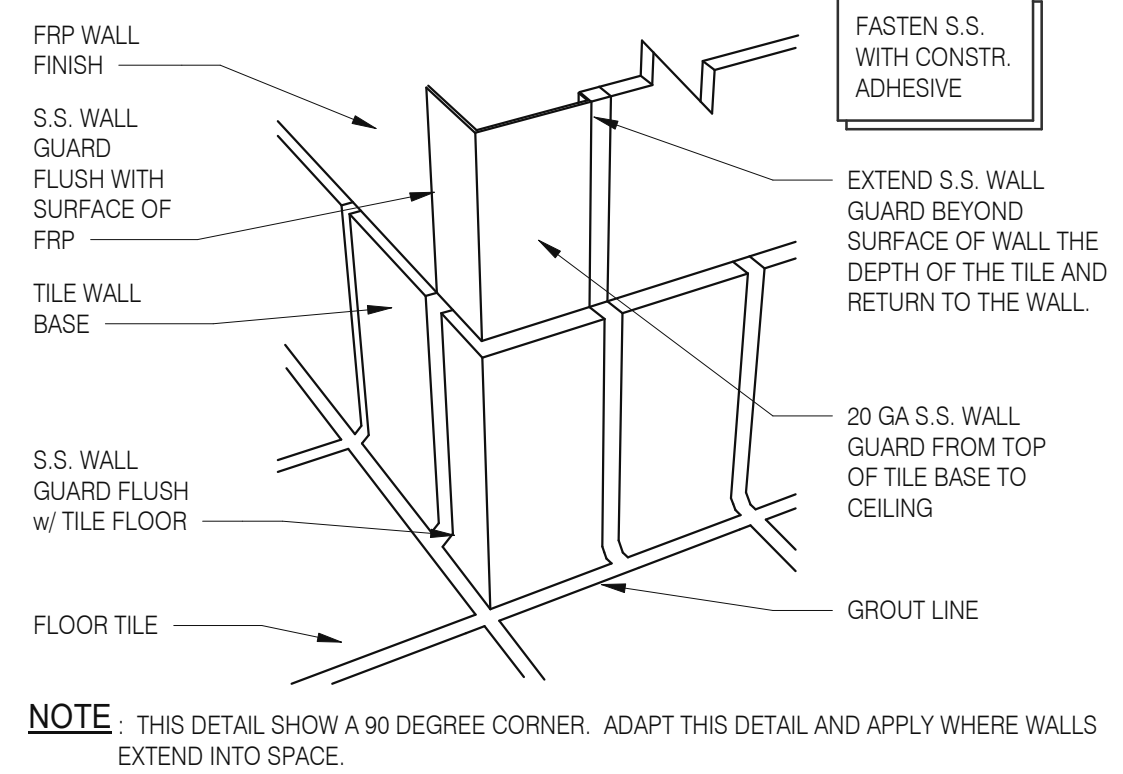
Splash Guard 1" = 1'-0" **9**



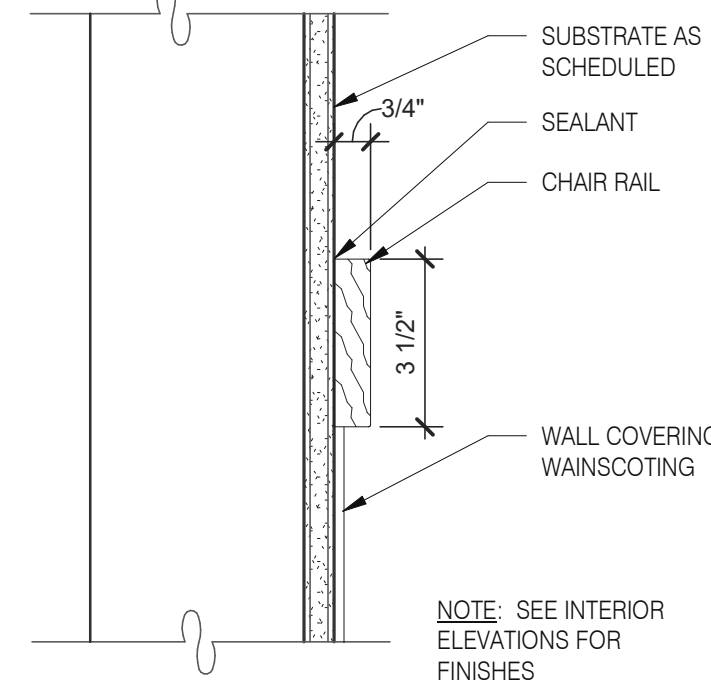
Base @ Dining Ext. Side Walls 3" = 1'-0" **5**



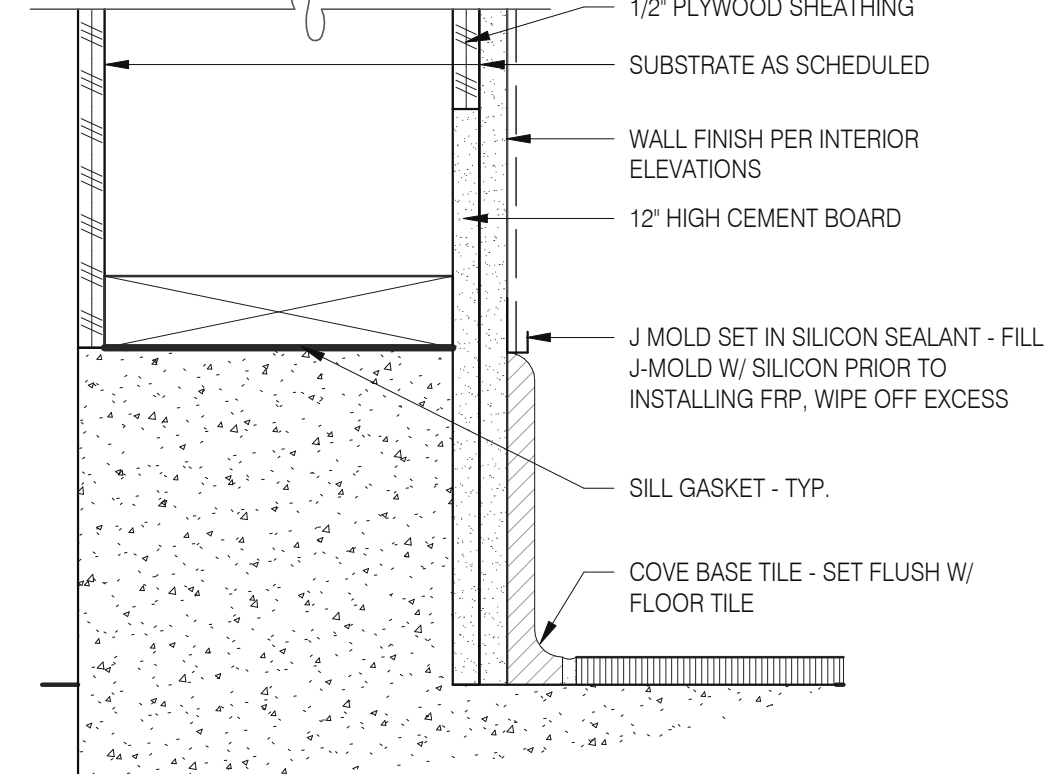
Walk-in Tile/Base 1 1 1/2" = 1'-0" **1**



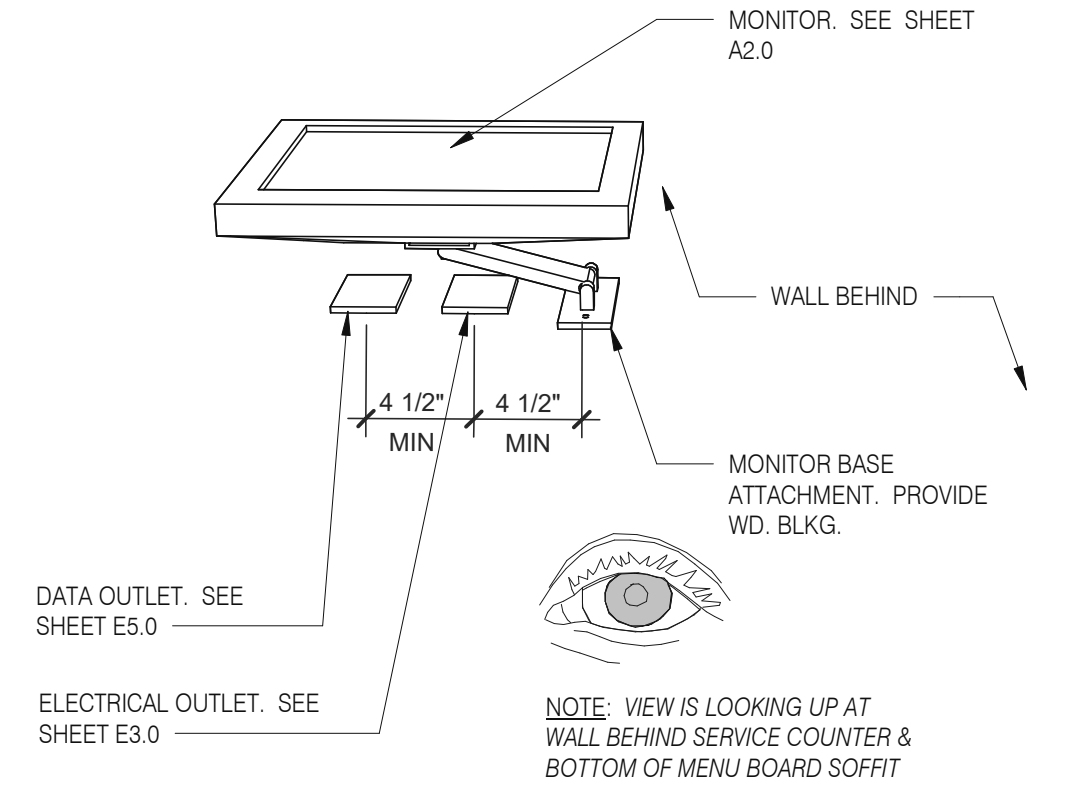
S.S. Corner & End Wall Guard 12" = 1'-0" **14**



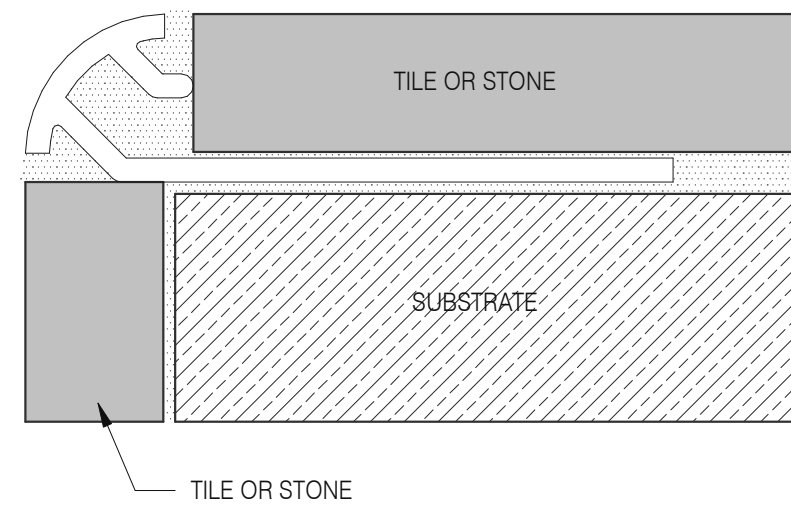
Chair Rail Detail 3" = 1'-0" **10**



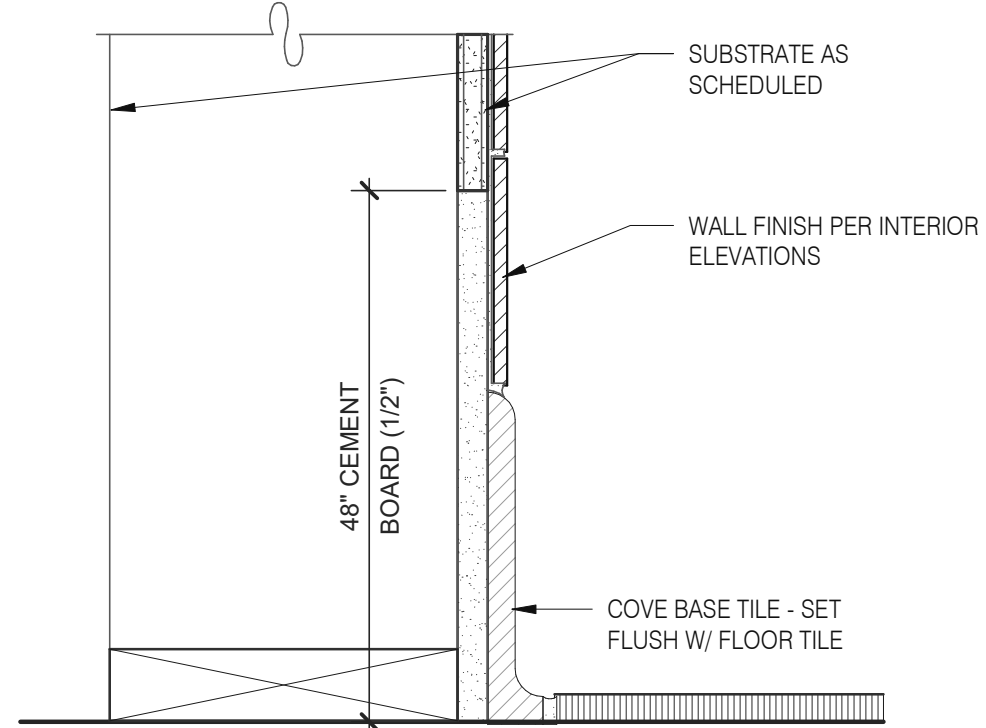
Base @ Ext. Wall 3" = 1'-0" **6**



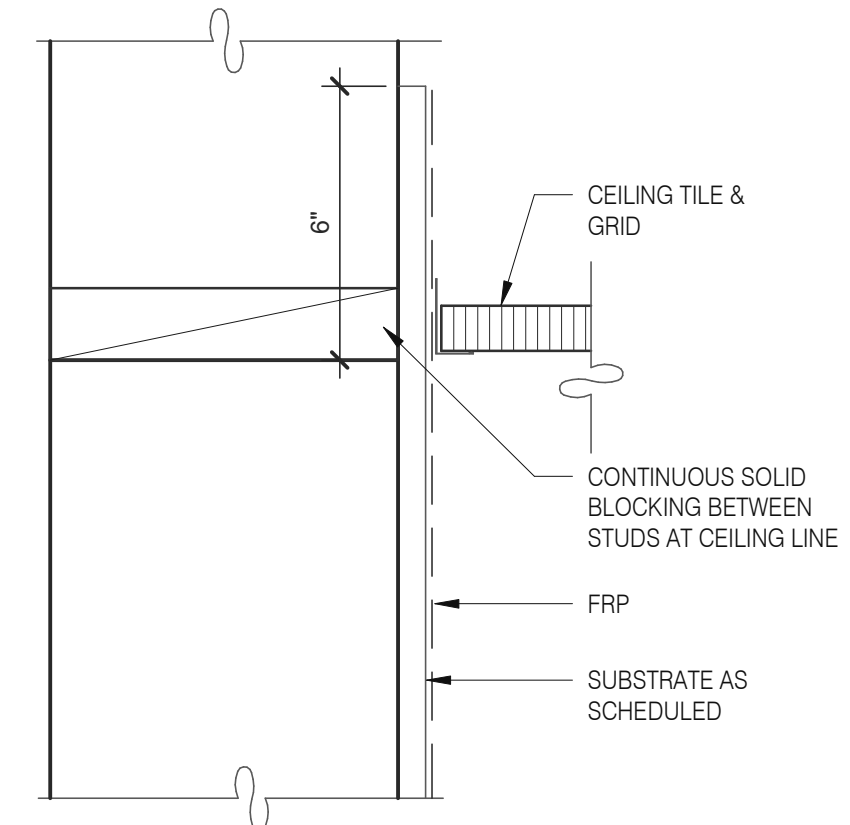
Wall Mount Monitor 1 1/2" = 1'-0" **2**



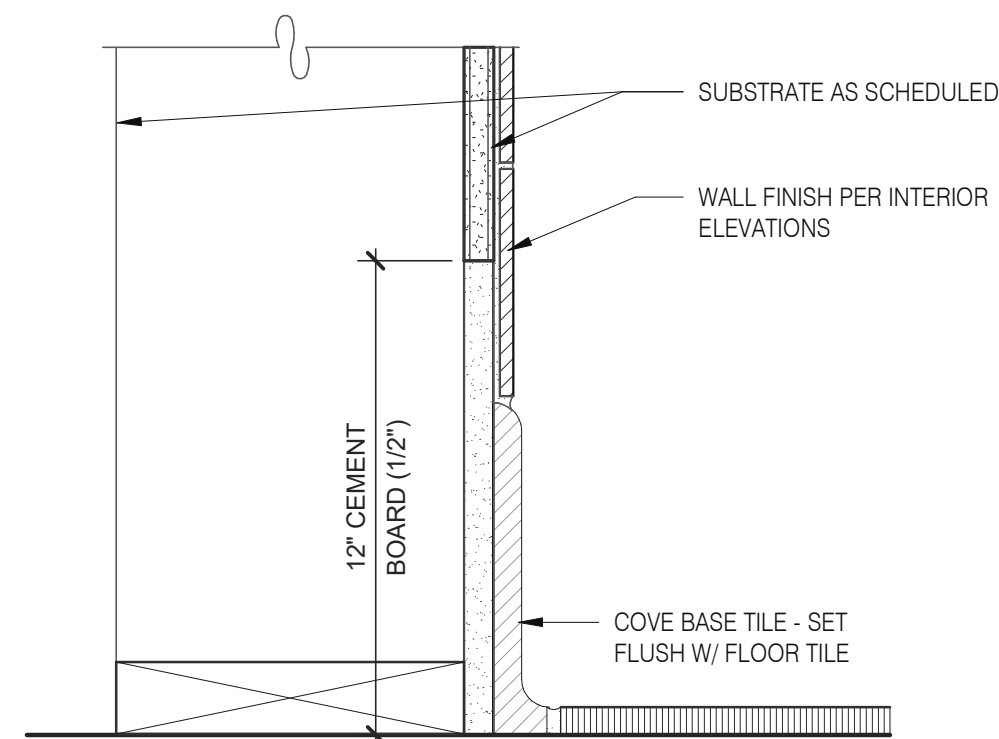
Schluter Corner Guard 1 1/2" = 1'-0" **15**



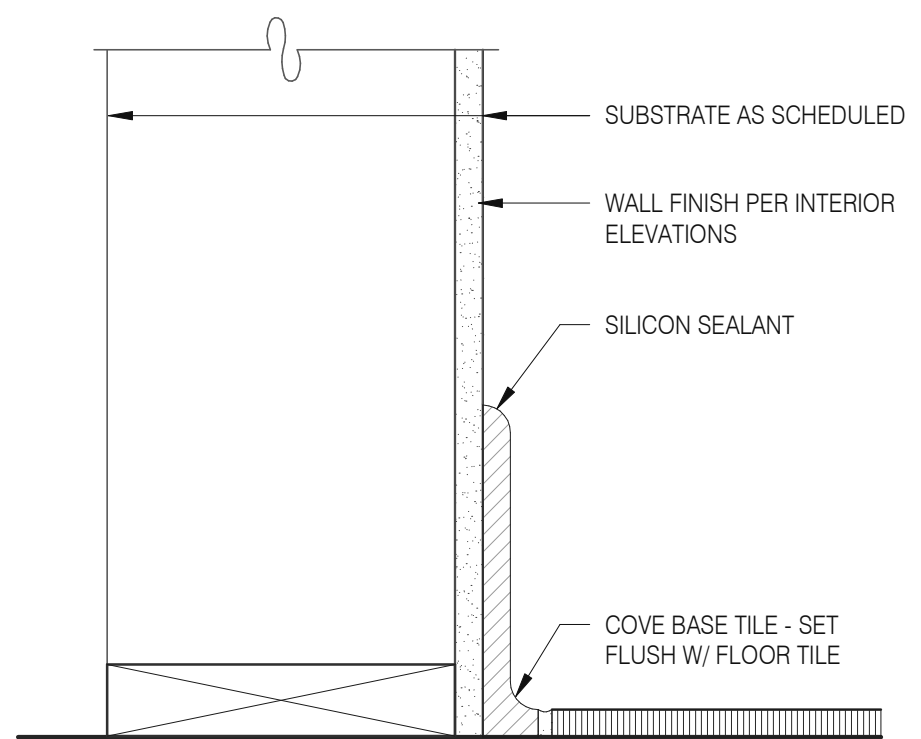
Base in Restroom 3" = 1'-0" **7**



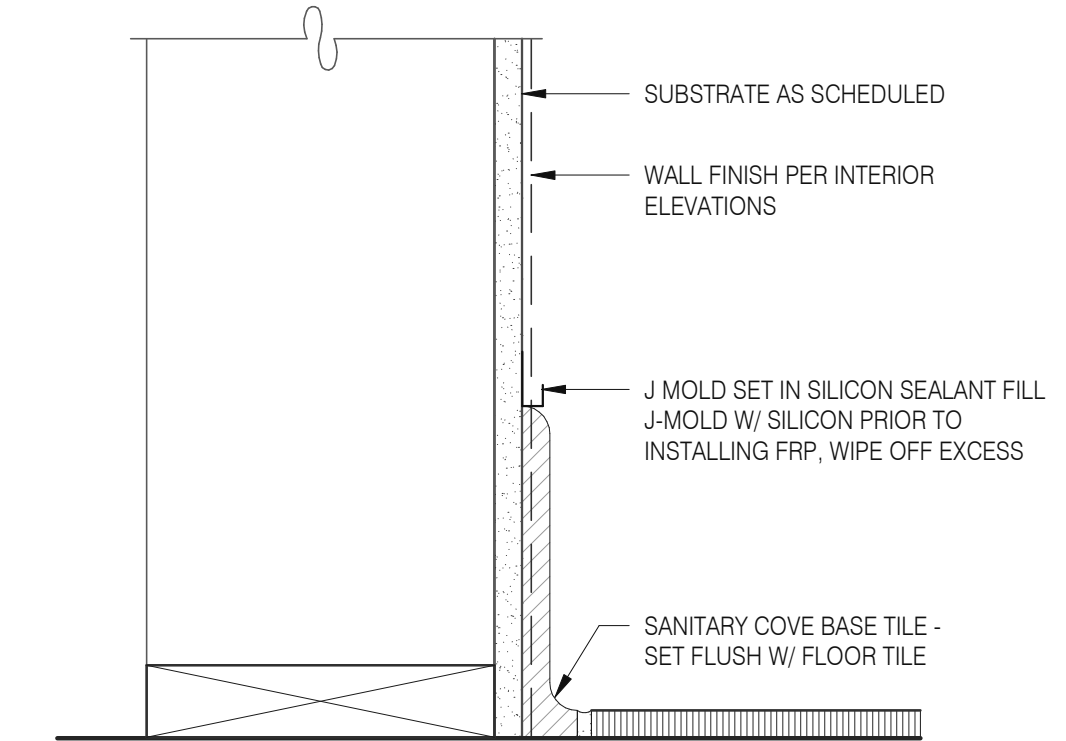
Kitchen Finish @ Ceiling 3" = 1'-0" **3**



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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CONTRACT DATE: 07.06.21
 BUILDING TYPE: END. MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: RS
 JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
 FRANKLIN, IN 46131

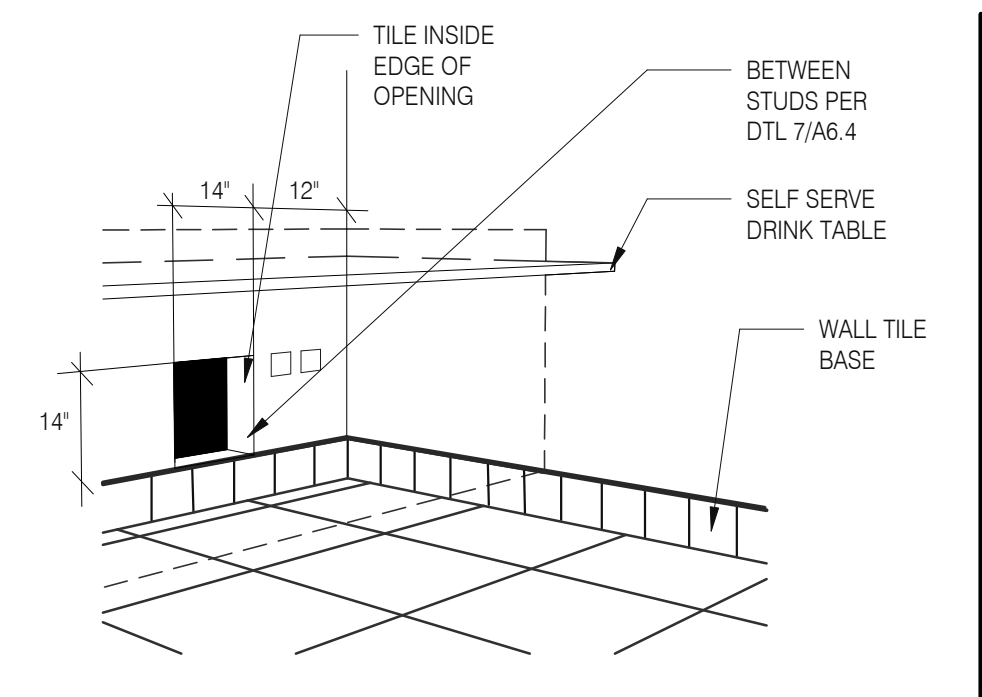


**ENDEAVOR 2.0
 FINISH DETAILS**

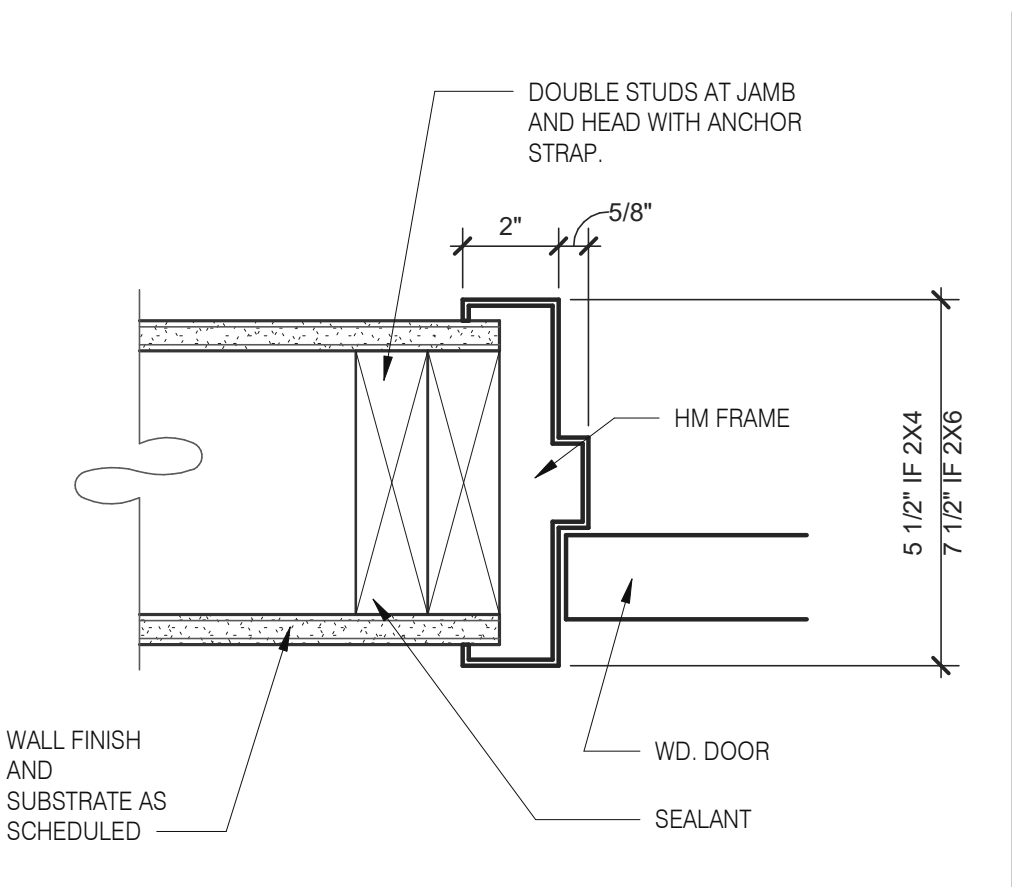
A6.3



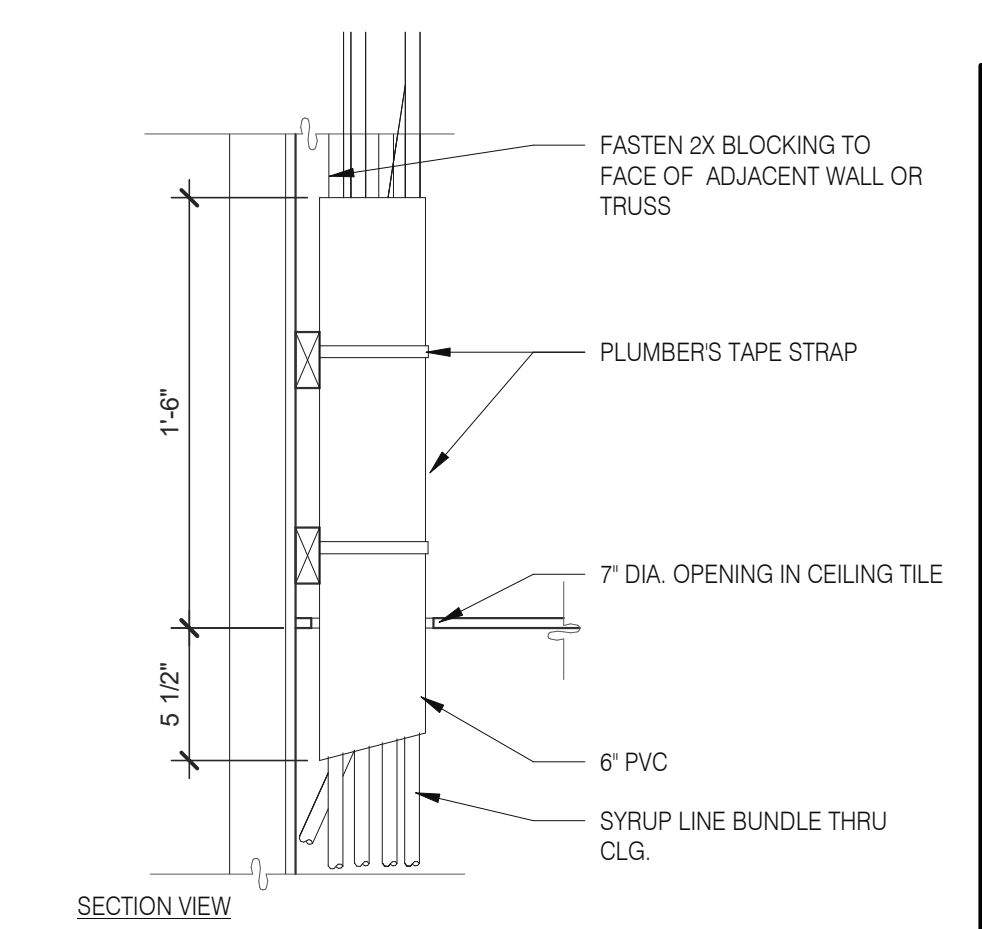
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



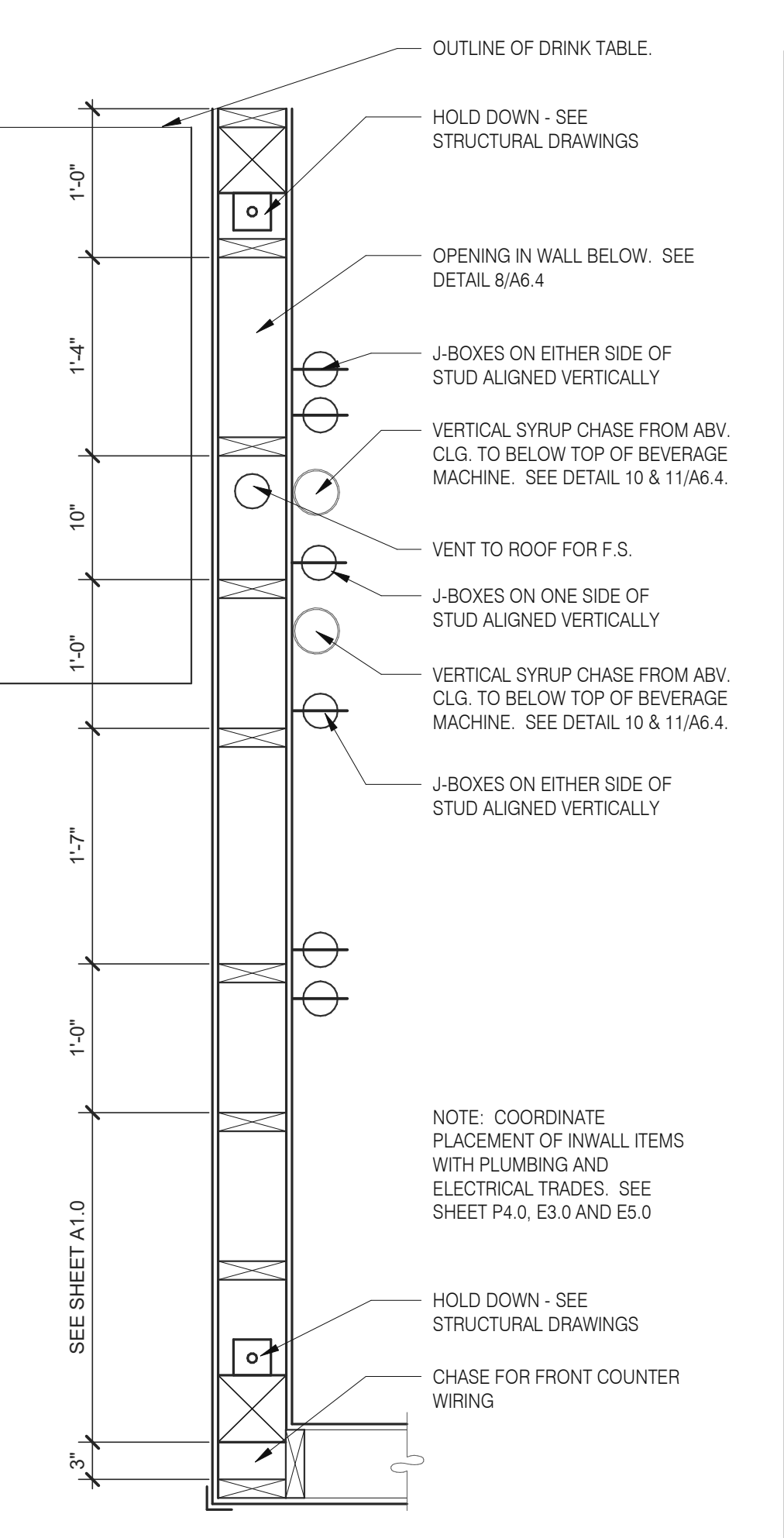
WALL PASS THRU N.T.S. **8**



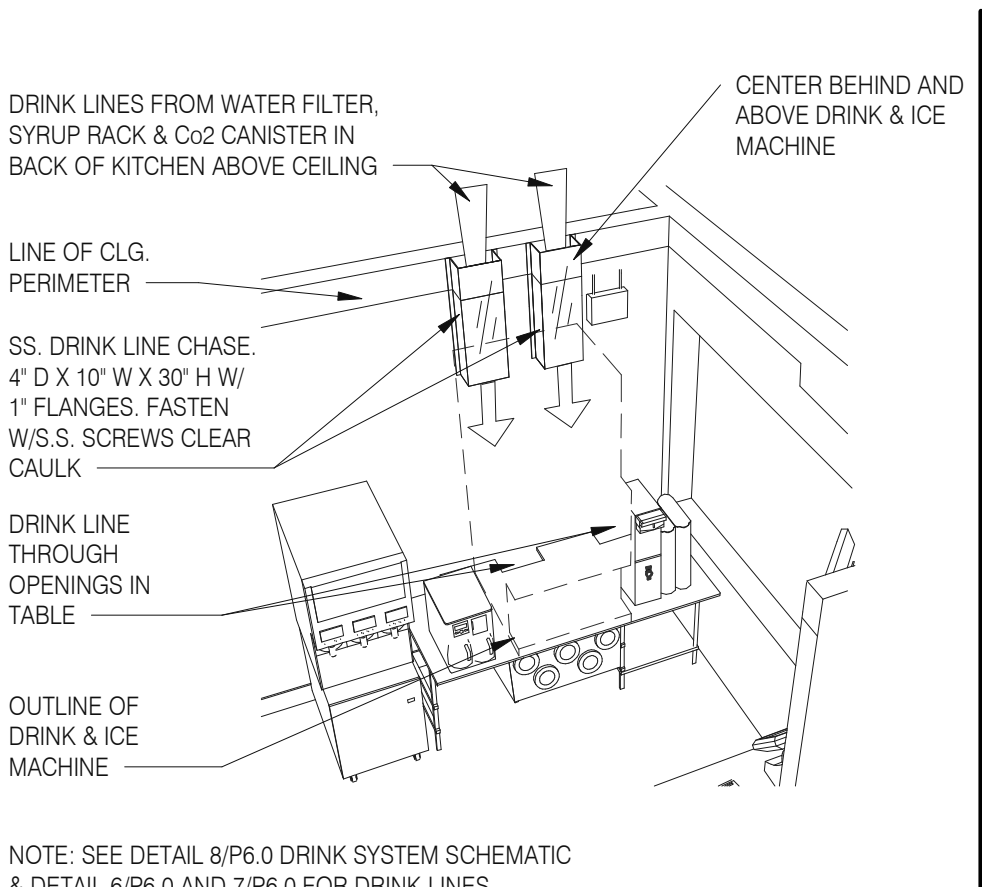
HEAD/JAMB @ H.M. DOOR N.T.S. **6**



SYRUP BUNDLE CLG. 1 1/2" = 1'-0" **10**



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



SYRUP CHASE ON WALL 1 1/2" = 1'-0" **11**

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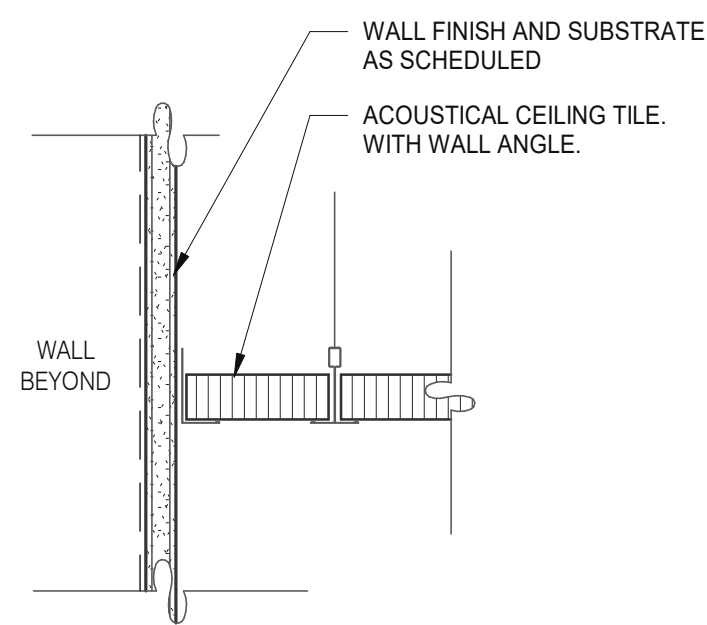
TACO BELL
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FRANKLIN, IN 46131



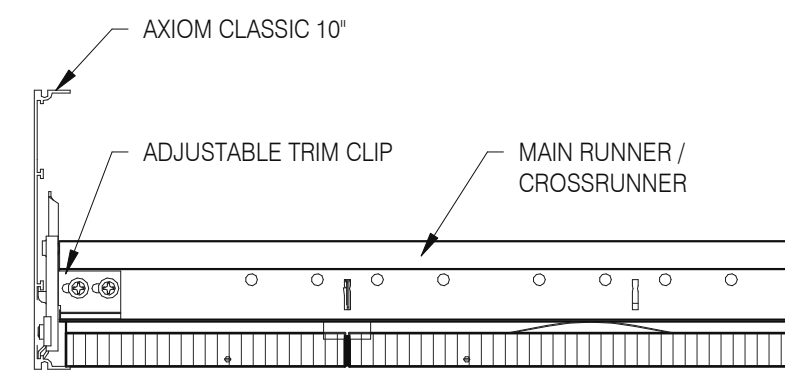
ENDEAVOR 2.0
**CONSTRUCTION
DETAILS
INTERIOR**

A6.4

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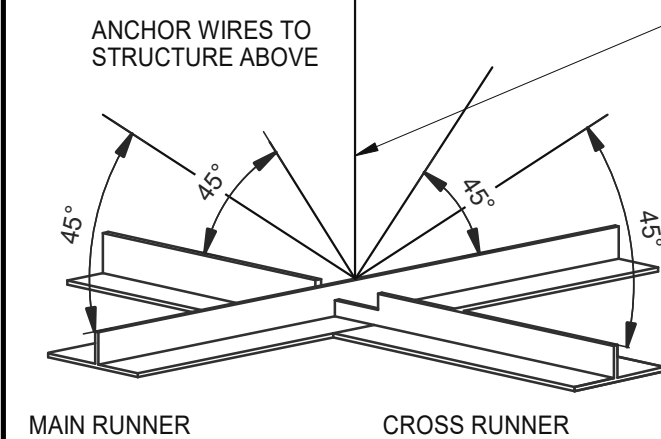


GYPSUM BOARD TRANSITION 3" = 1'-0" 17



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.

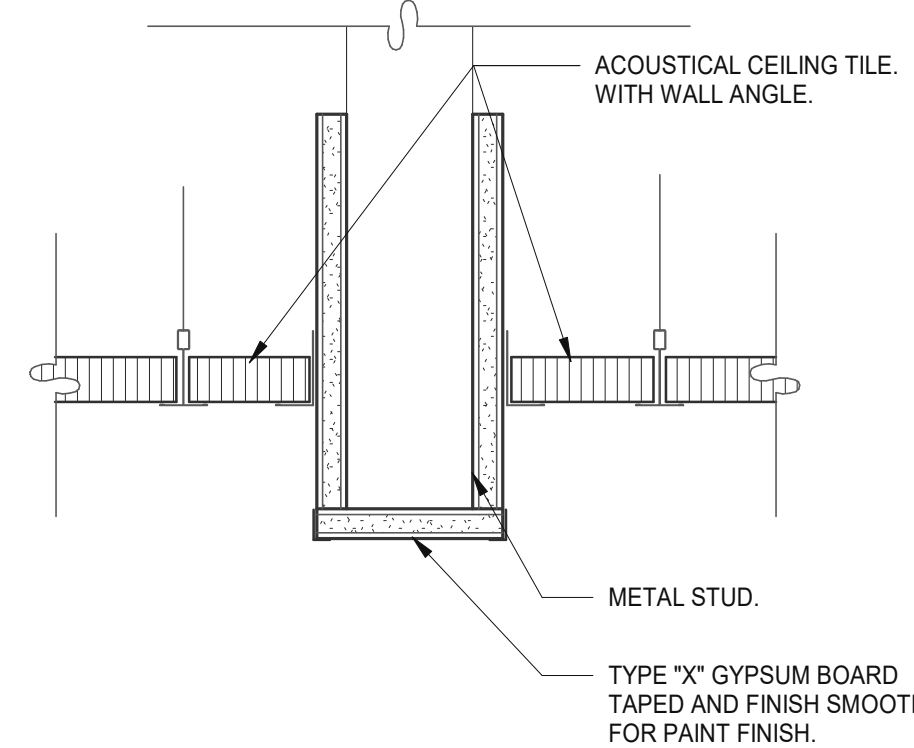


SUSPENDED ACOUSTICAL CEILING 3" = 1'-0" 9

AT SUSPENDED CEILING: VERTICAL HANGER WIRE AT 4'-0" O.C. W/ (2) 1 1/2" X 8" 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 SPACING = 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.

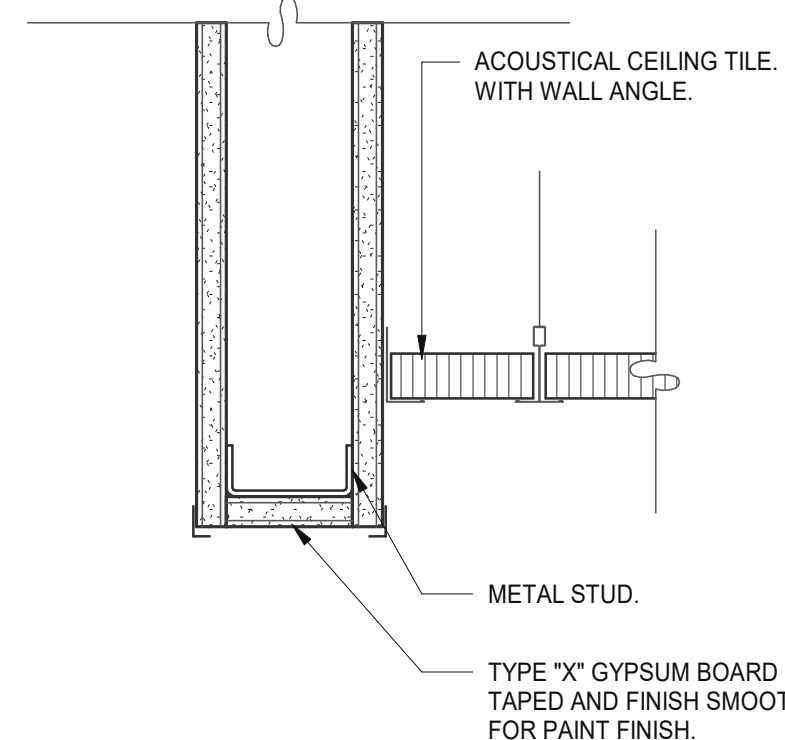
CEILING SPAN TABLE NOTES:

- 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.

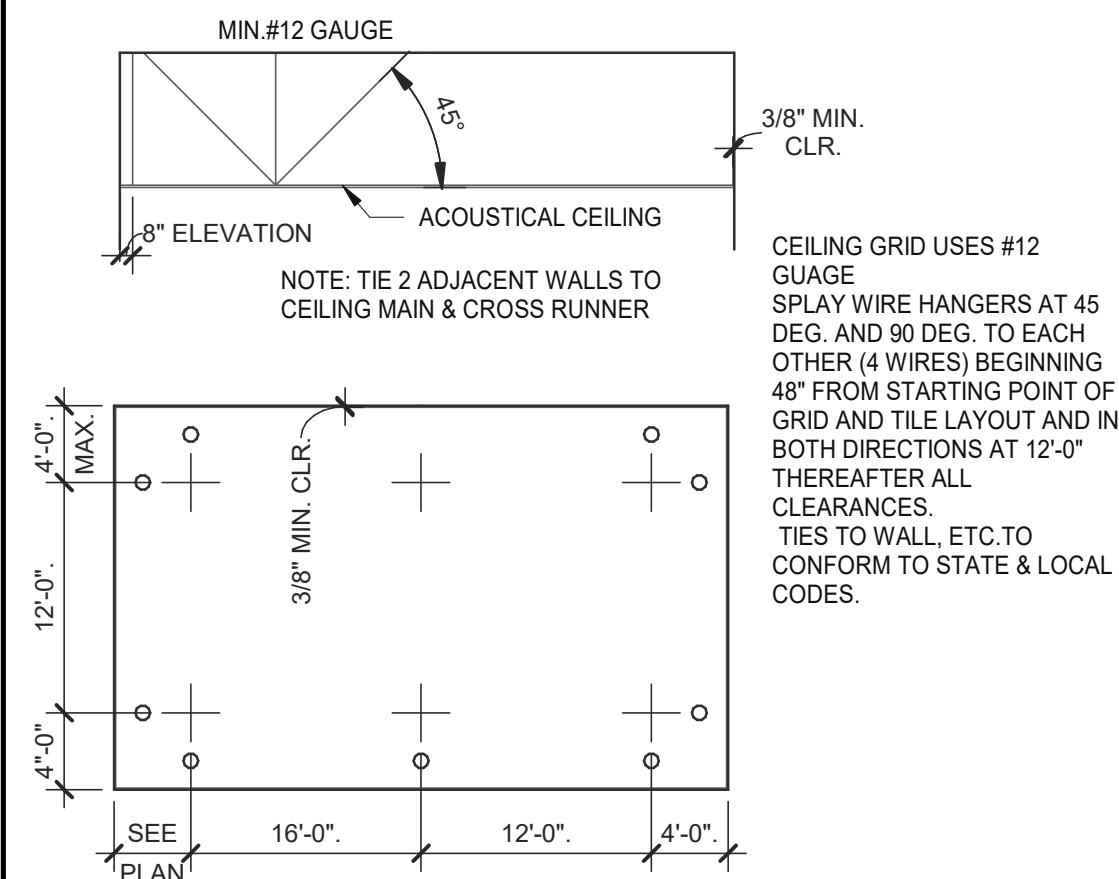
SECTION:	(MIL)	4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE UNSUPPORTED					
		JOIST SPACING (IN.) O.C.			MID-SPAN JOIST SPACING (IN.) O.C.		
		12"	16"	24"	12"	16"	24"
362S125	18	9'-3"	8'-7"	7'-7"	12'-8"	11'-7"	10'-0"
362S125	27	10'-8"	9'-10"	8'-10"	15'-0"	13'-11"	12'-4"
362S125	30	11'-0"	10'-2"	9'-1"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

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

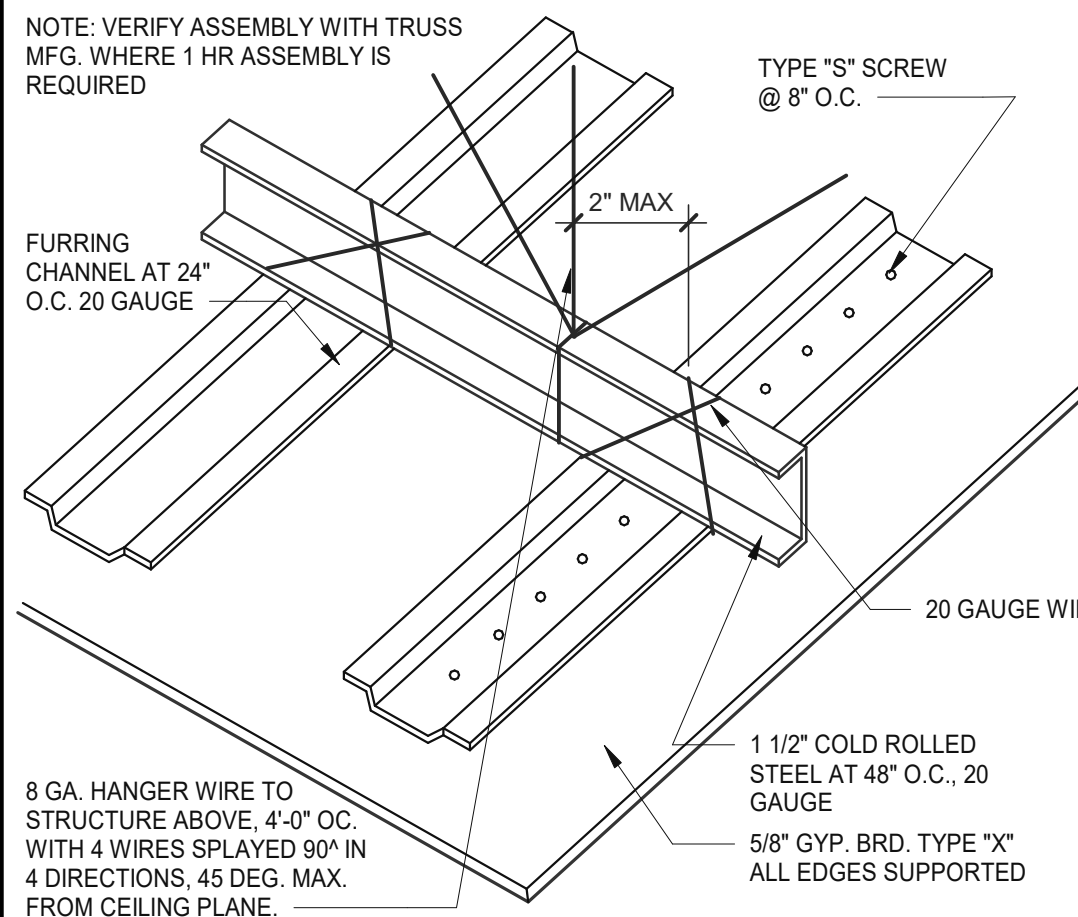
INDICATES THAT WEB STIFFENERS ARE REQUIRED AT ENDS



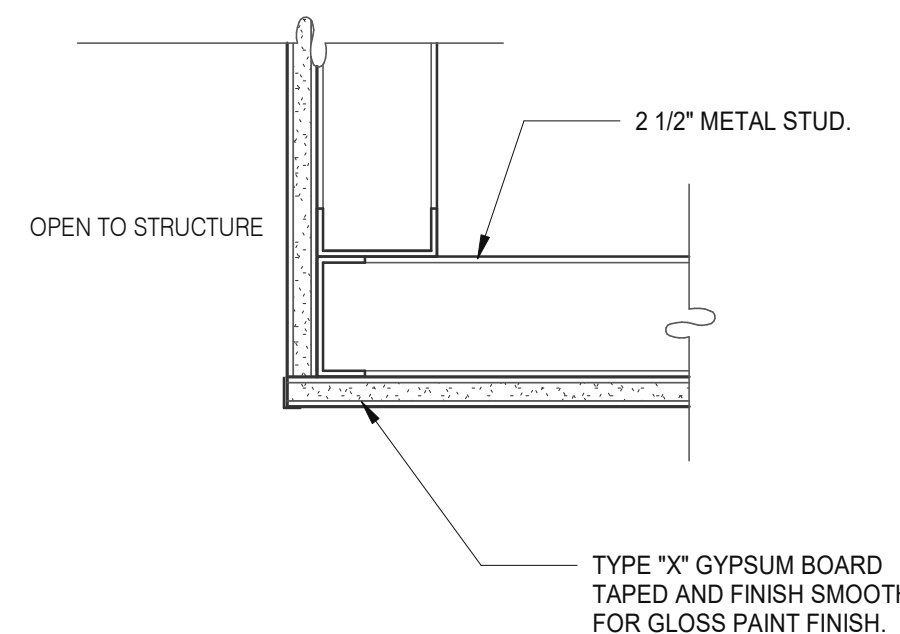
CEILING HEADER TRANSITION 3" = 1'-0" 14



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



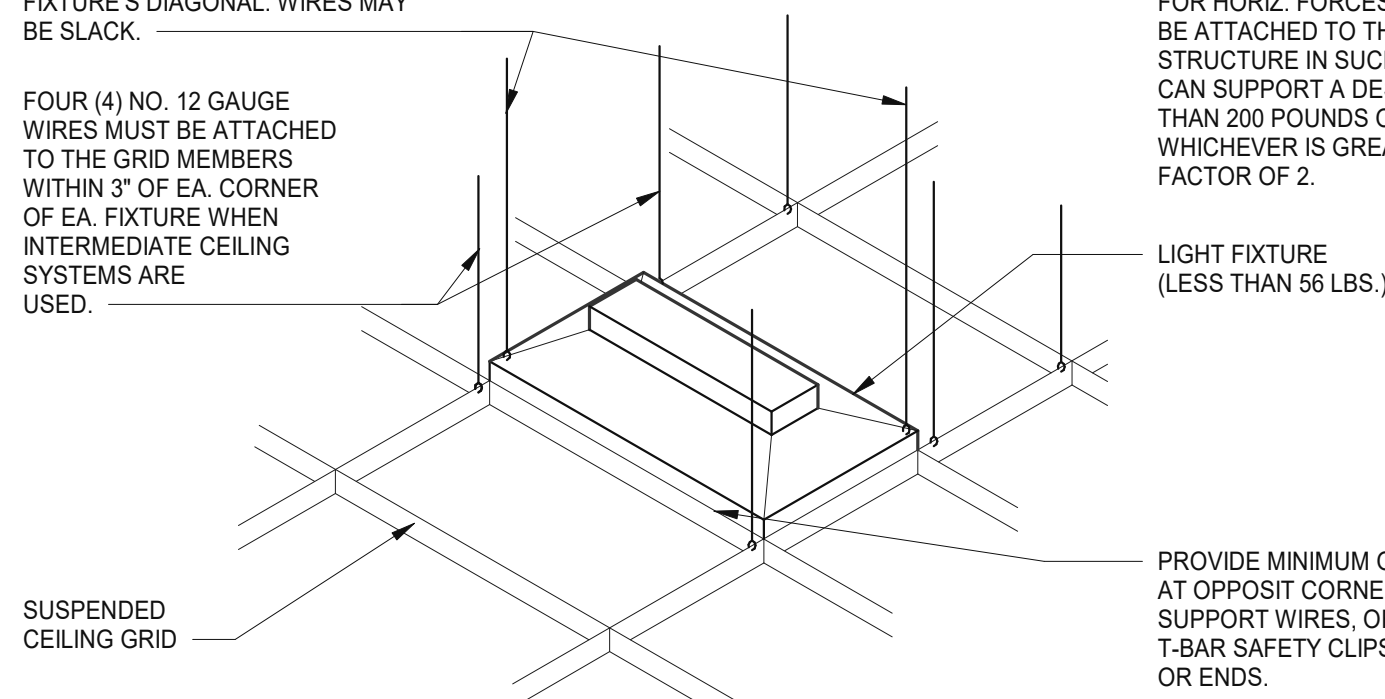
GYPSUM BOARD CEILING 3" = 1'-0" 6



CEILING TRANSITION 3" = 1'-0" 11

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

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



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

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

LIGHT FIXTURE (LESS THAN 56 LBS.)

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

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

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 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: RS
 JOB NO.: 2018088.31

TACO BELL

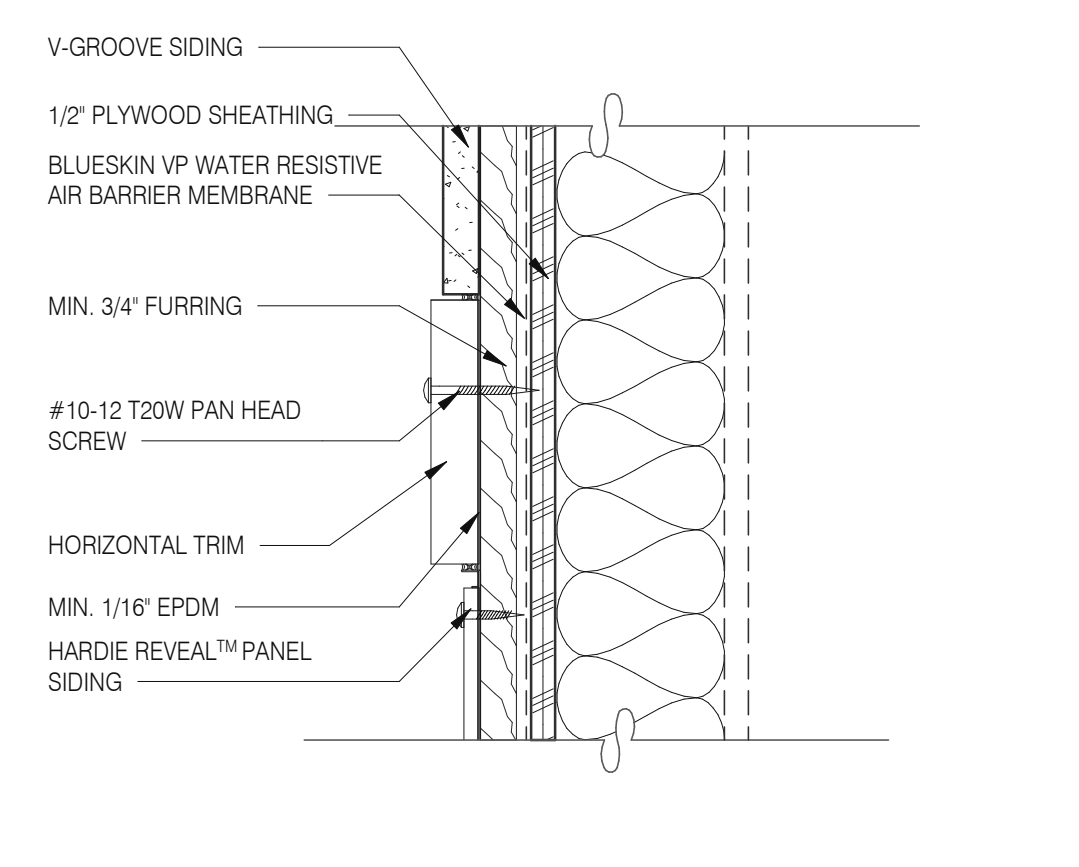
1579 N. MORTON ST.
 FRANKLIN, IN 46131



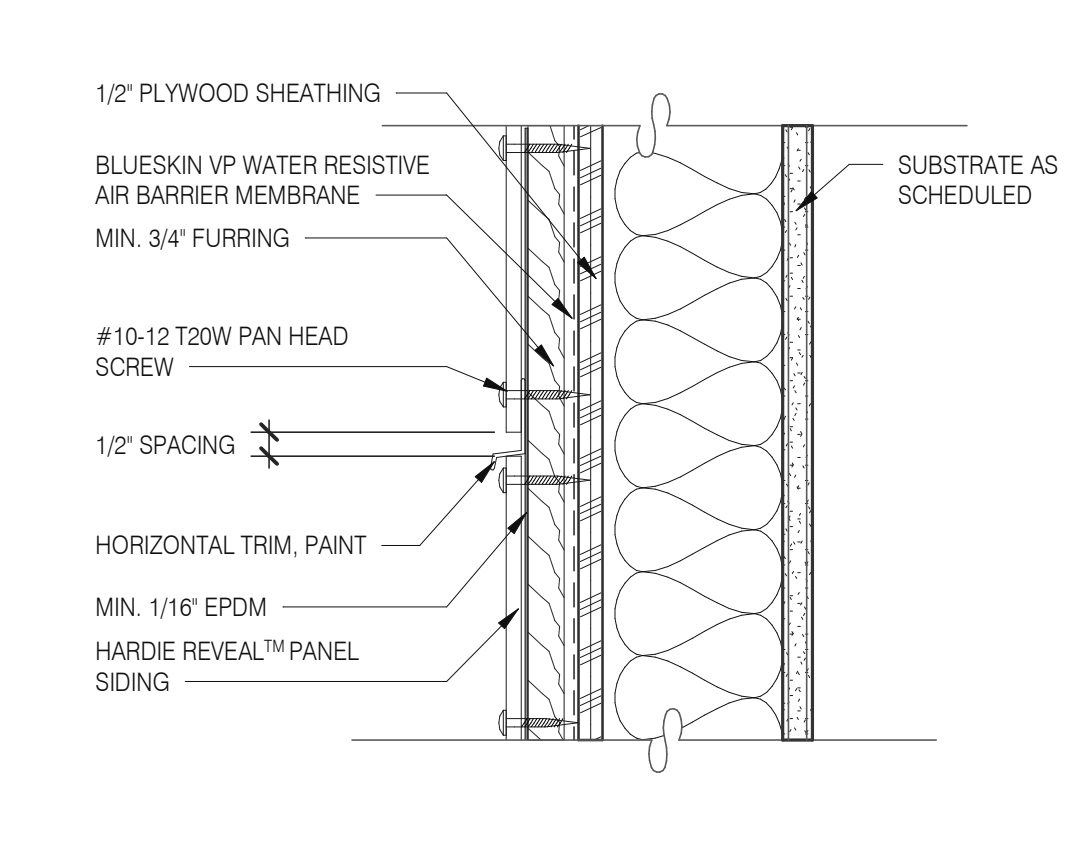
ENDEAVOR 2.0
 CEILING
 DETAILS

A6.5

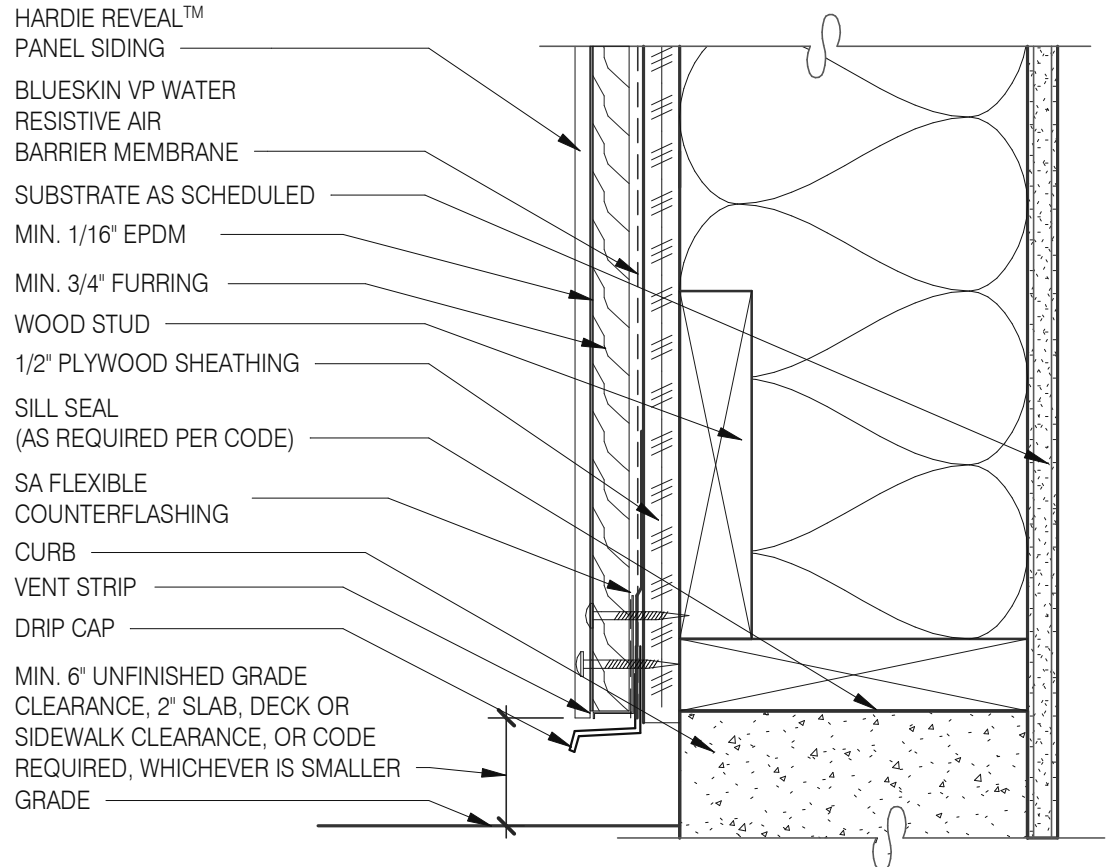
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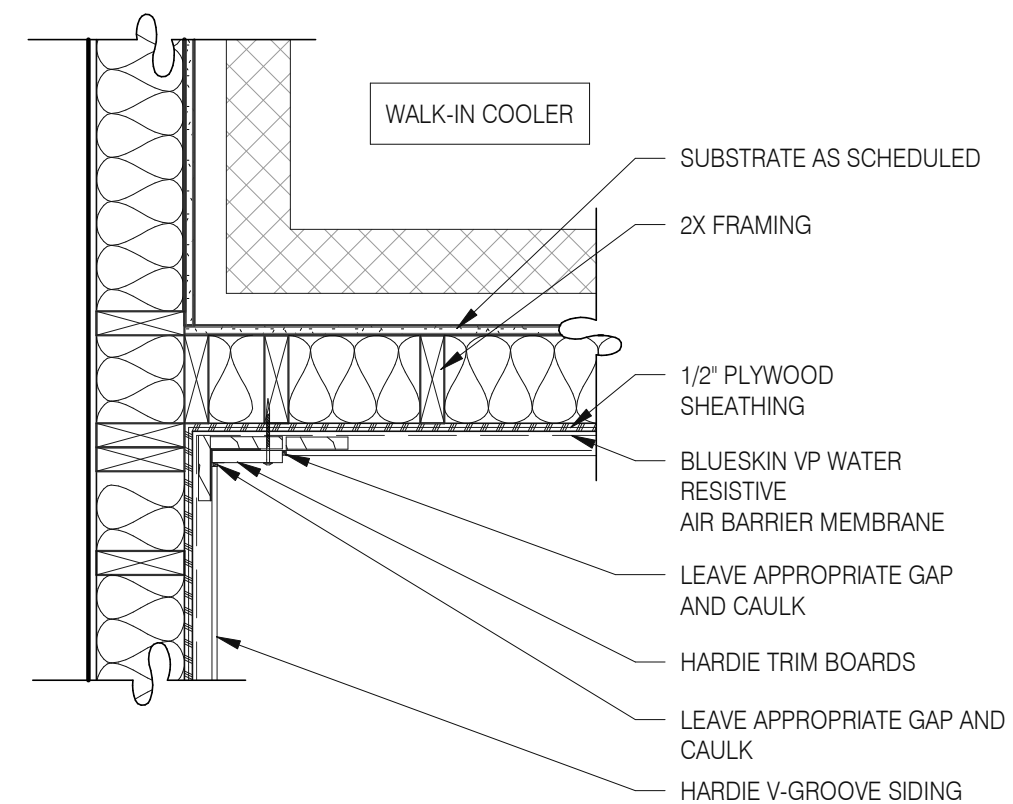
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" **13**



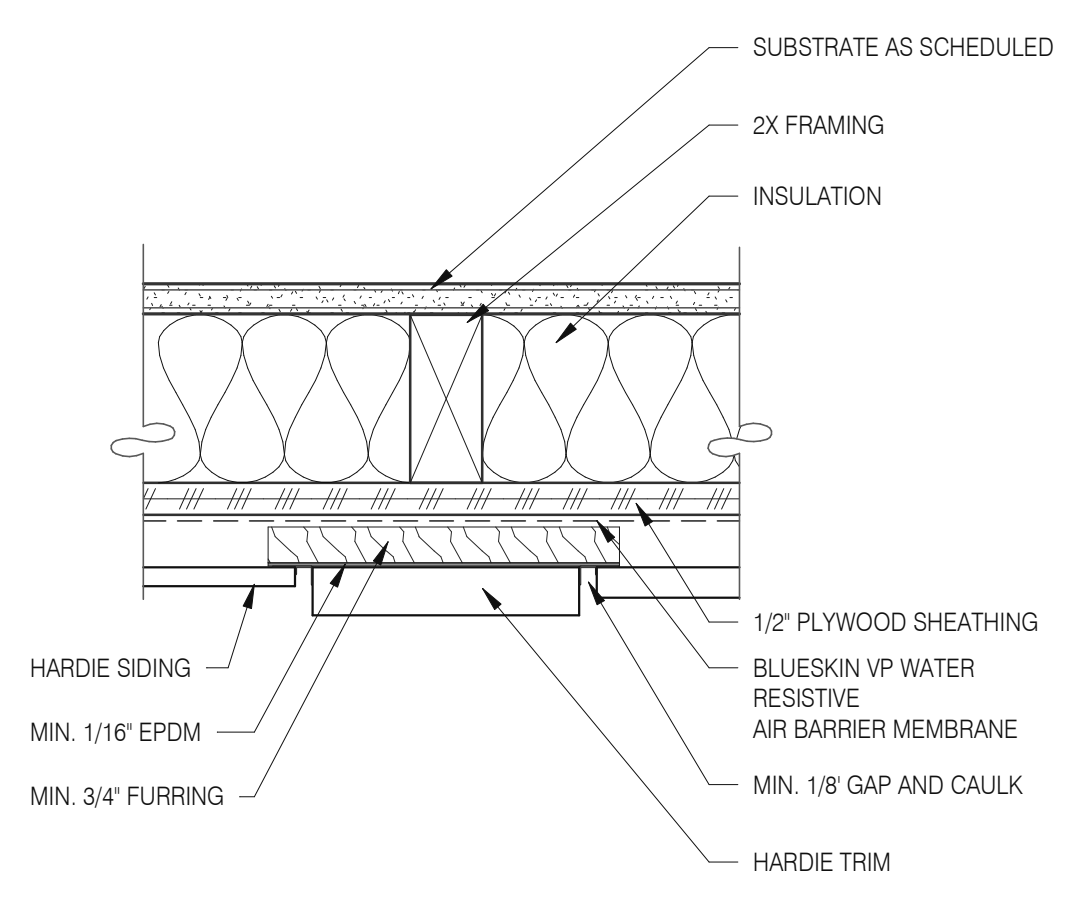
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" **9**



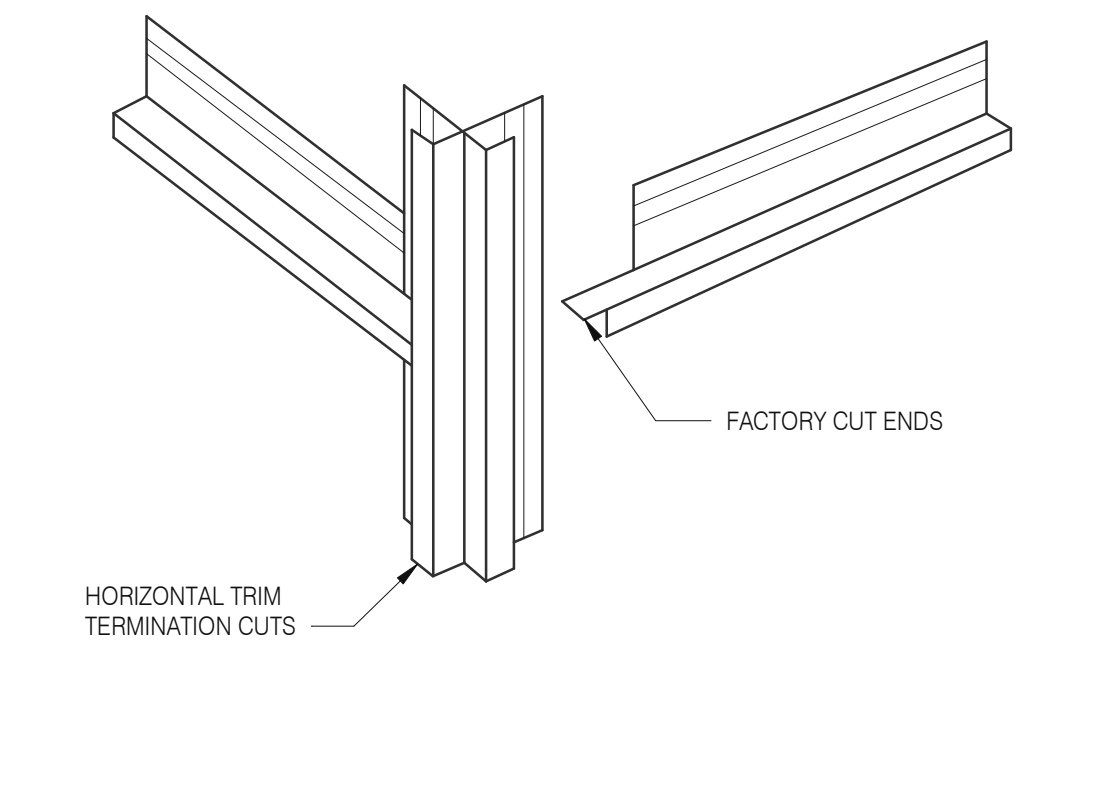
FOUNDATION @ GRADE 3" = 1'-0" **5**



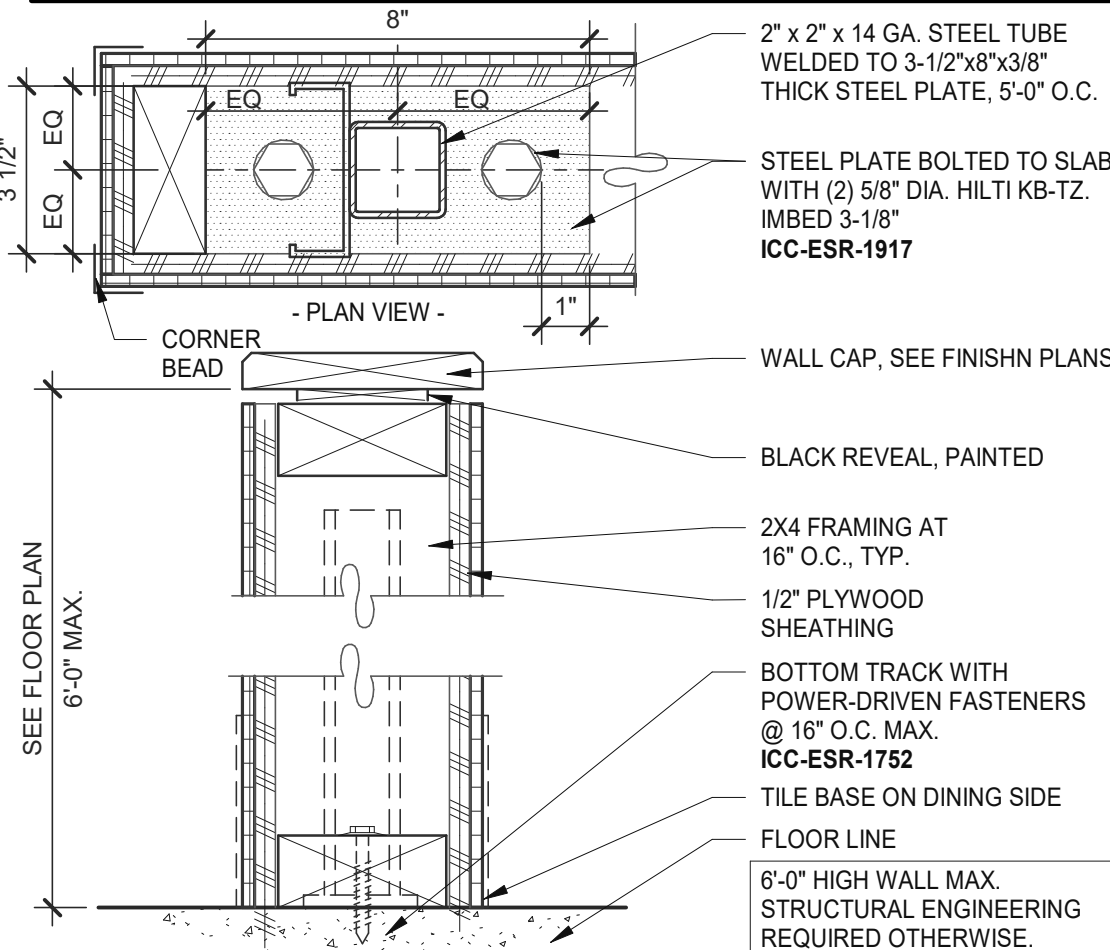
WALK-IN COOLER DETAIL 1" = 1'-0" **18**



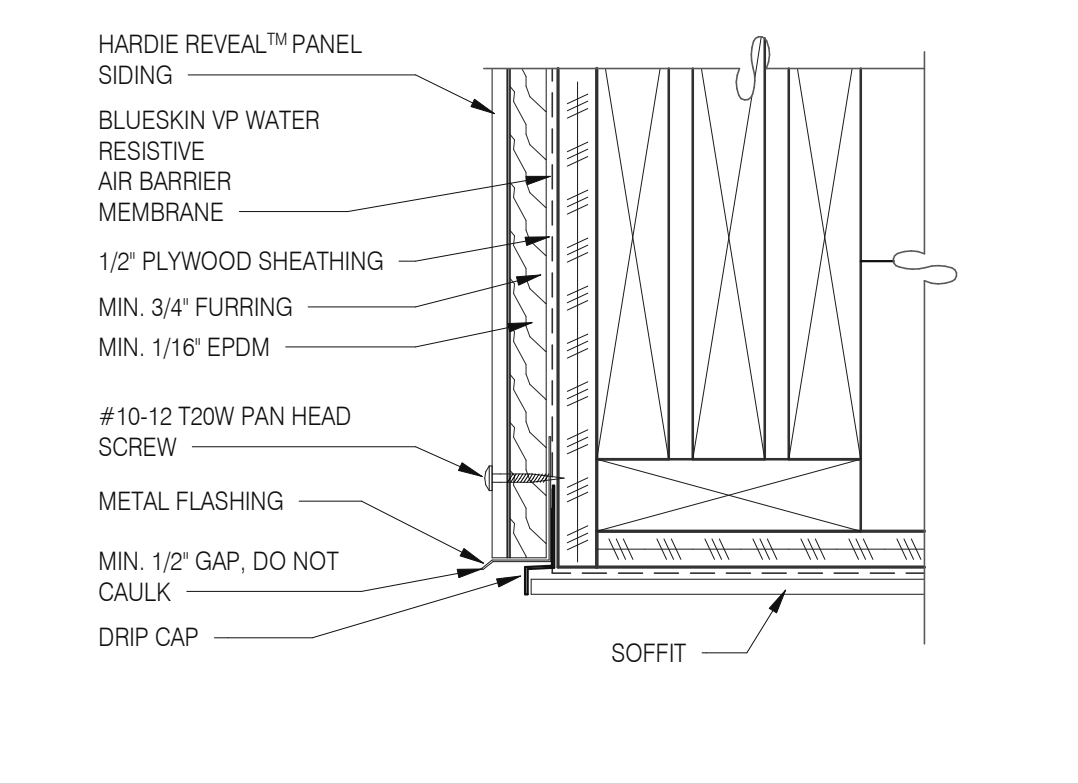
PANEL WITH VERTICAL TRIM 3" = 1'-0" **10**



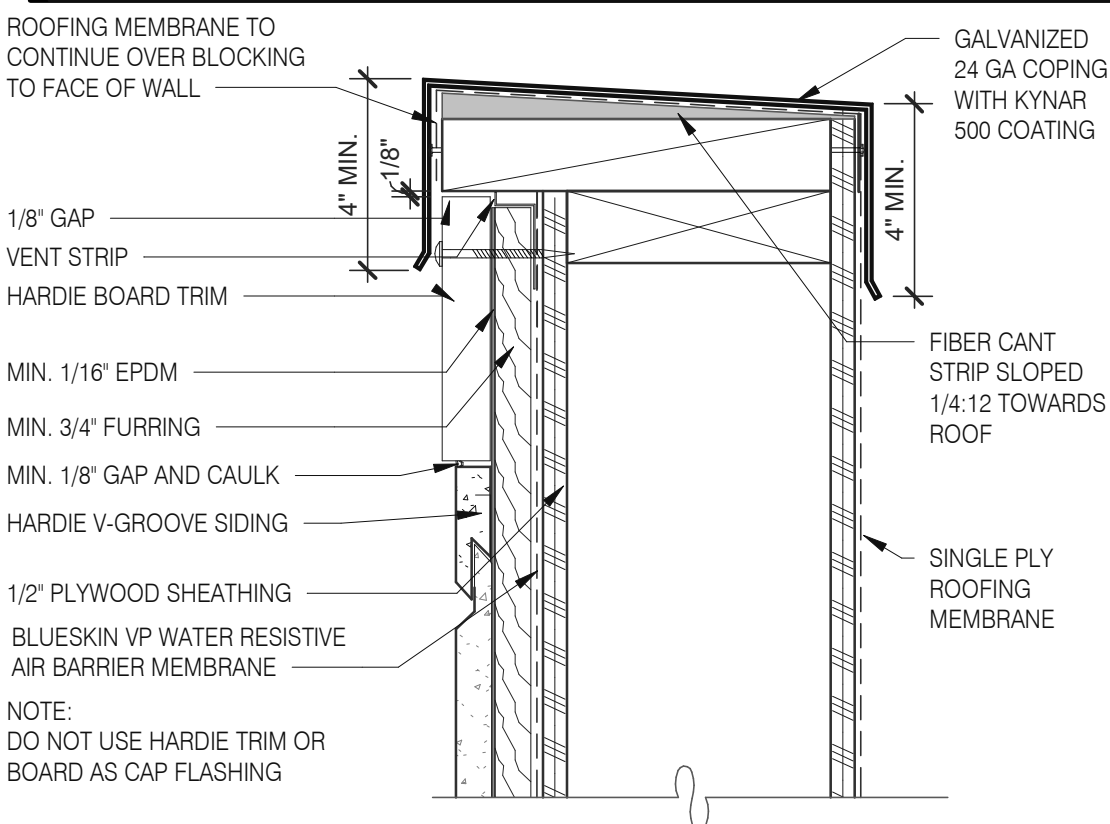
HOR. TRIM - TERMINATION N.T.S. **6**



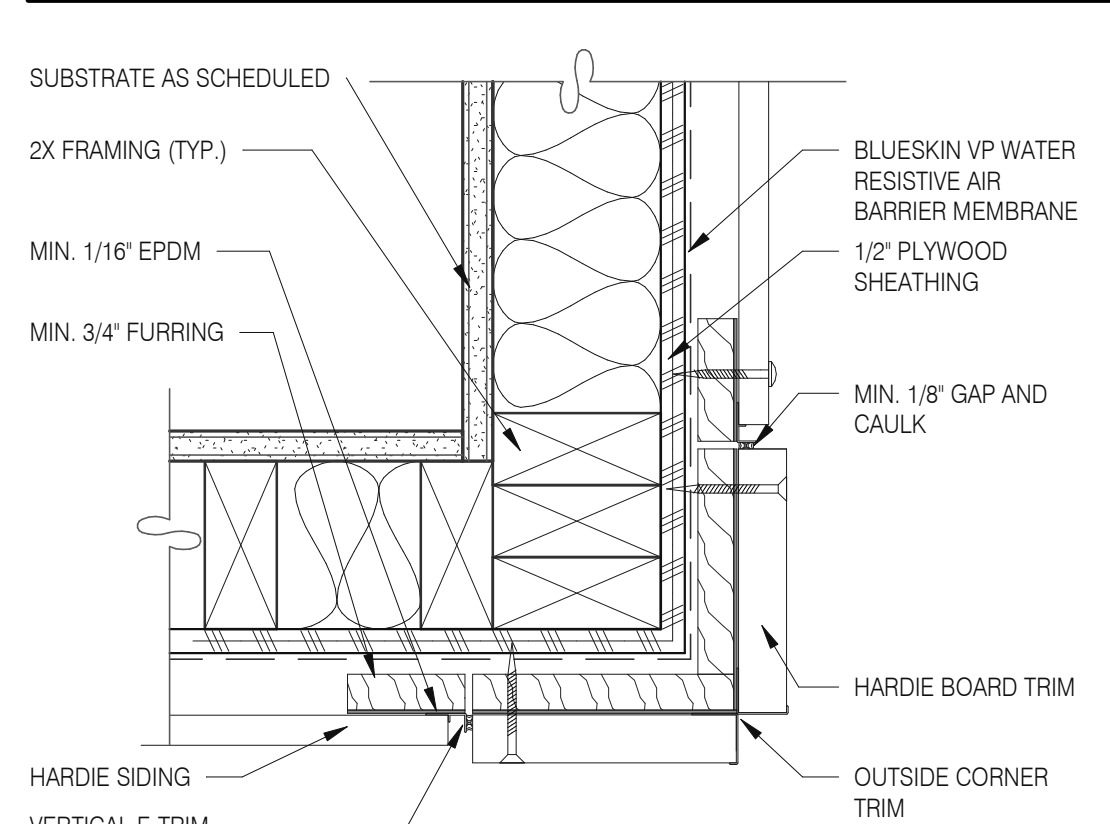
LOW WALL 3" = 1'-0" **15**



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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PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

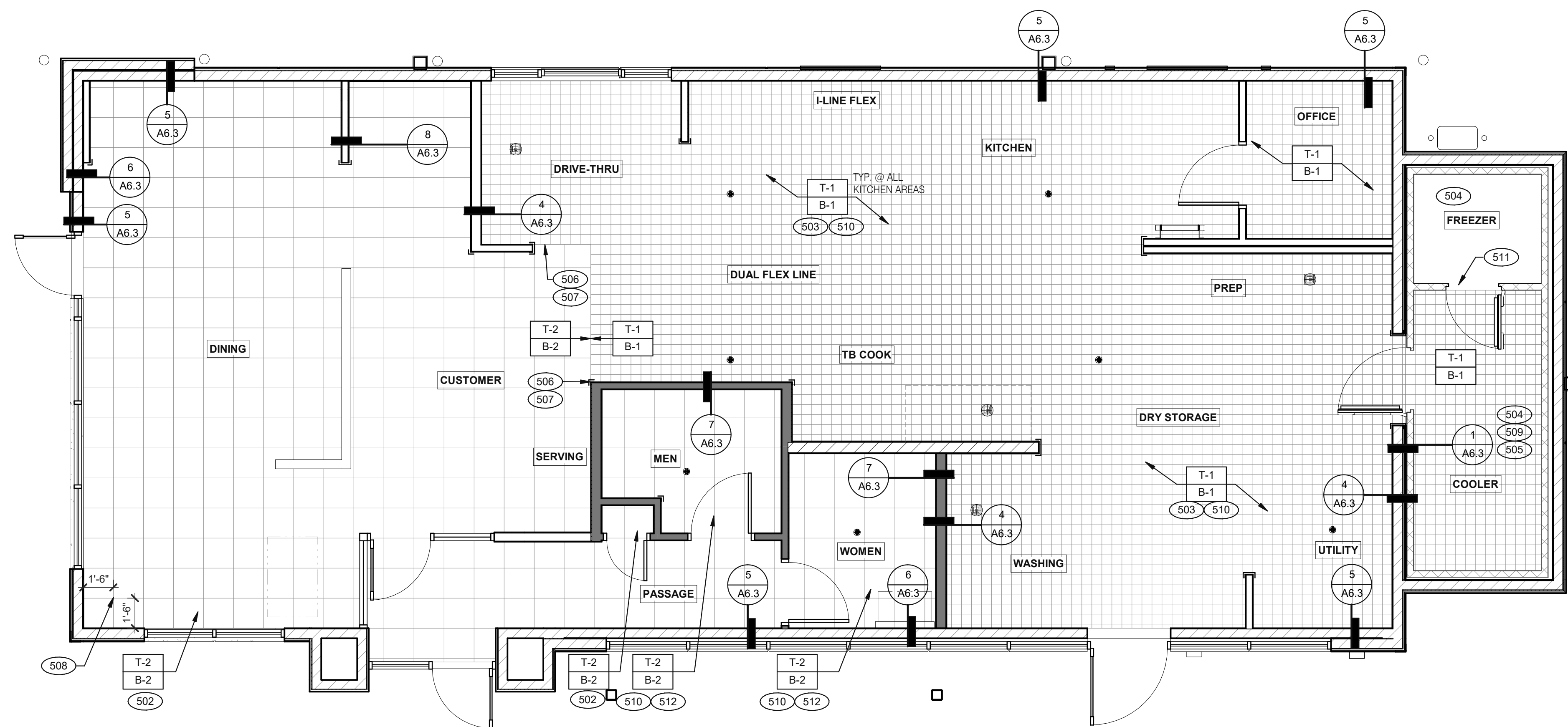


**ENDEAVOR 2.0
HARDIE BOARD
DETAILS**

A6.6



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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

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TACO BELL

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FRANKLIN, IN 46131



**ENDEAVOR 2.0
FLOOR FINISH
PLAN**

A7.0

PLOT DATE: 1/19/2022 11:08:23 AM

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

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

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

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

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

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

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

- 502 6" COVE TILE BASE. SEE 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**

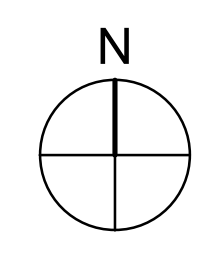
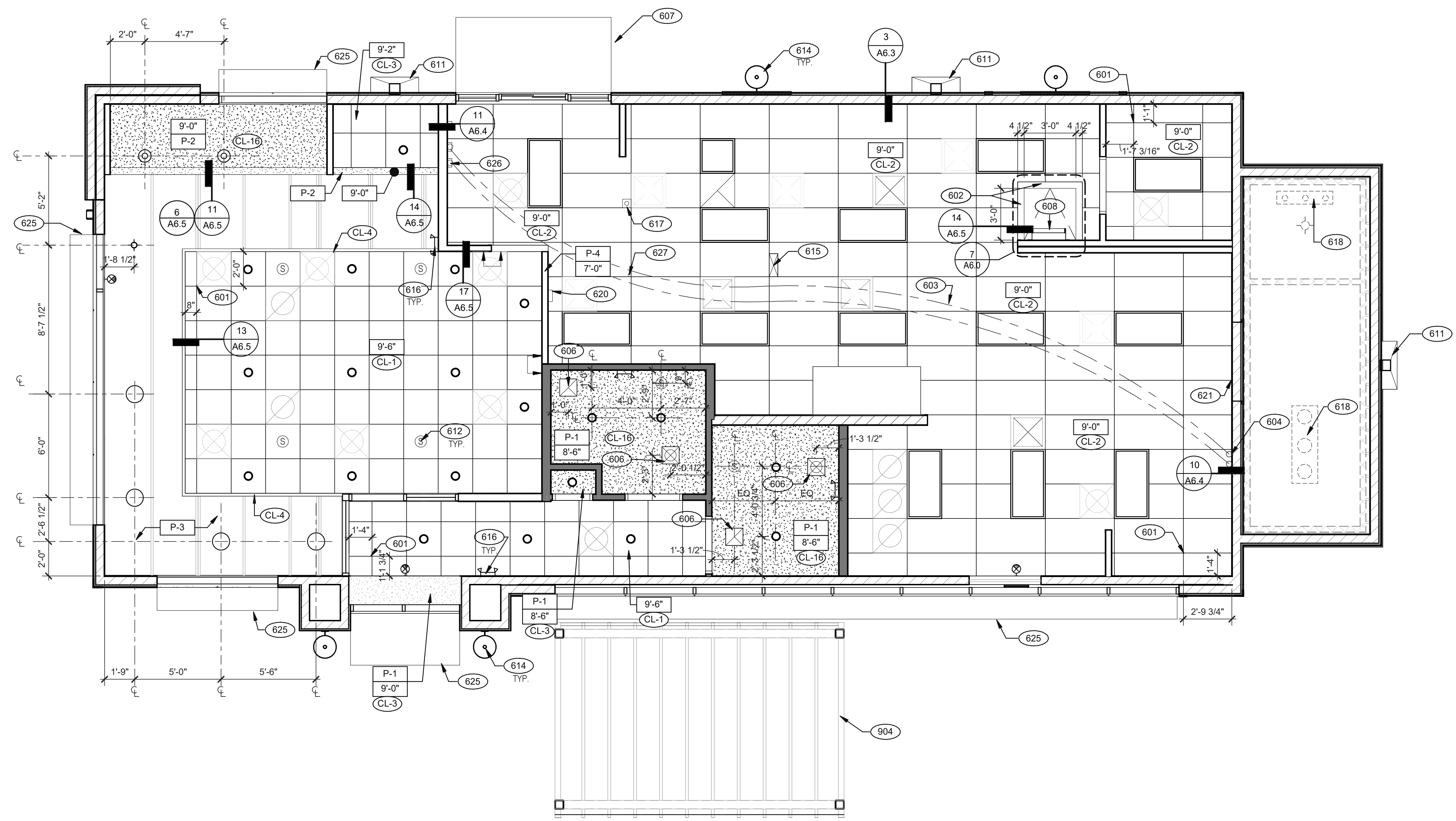
FLOOR FINISH NOTES **C**

KEY NOTES **B**

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520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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

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1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
REFLECTED
CEILING PLAN**

A7.1

PLOT DATE: 1/19/2022 11:08:27 AM

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

CEILING SYMBOL LEGEND **D**

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

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

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

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

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

REFLECTED CEILING PLAN NOTES **C**

- 601 CEILING GRID AT STARTING POINT.
- 602 BULKHEAD @ 8'-0" A.F.F.
- 603 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK.
- 604 6" DIAMETER PVC STUB THROUGH CEILING, SEE DETAIL 10/A6.4.
- 606 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL RESTROOMS).
- 607 DRIVE-THRU CANOPY.
- 608 ROOF HATCH.
- 611 VERTICAL DOWNSPOUT.
- 612 SPEAKER. CENTER ON CEILING TILE, UON.
- 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.
- 904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

KEY NOTES **B**

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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 CO
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
FLOORING						
T-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CO
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI #2 PEWTER, 1/8" JOINT WIDTH	
FRP/LAMINATE						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, RR/UTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
CORNER GUARDS						
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4" X 3/4"		FOR PAINT MATCH CR-1 & WC-1
METAL TRANSITION						
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
MT-3	SCHLUTER	RONDEC - ALUMINUM		3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
SOLID SURFACE						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
WALL COVERING						
WC-1	WOLF GORDON	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	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
W-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%

NOT USED **A**

FINISH LEGEND **D**

<p>WESTERN STATES METAL ROOFING JESSICA TRIER INSIDE SALES REPRESENTATIVE P: (602) 495-0048 D: (602) 422-2696 W: www.metaloofing.com JESSICA@METALDECK.COM</p>	<p>CREATIVE MATERIALS CORP. ALLISON PICHE CLIENT SERVICES SUPERVISOR ONE WASHINGTON SQUARE, ALBANY, NY 12205 P: (518) 452-9694 D: (518) 713-5395 APICHE@CREATIVEMATERIALSCORP.COM</p>	<p>USG CORPORATION TRAVIS TOMANEK CORPORATE ACCOUNT MANAGER (440) 541-3972 TTOMANEK@USG.COM</p>	<p>MAPEI LISA FYKE ARCHITECTURAL REPRESENTATIVE MAPEI CORP. (909) 247-5324 LFYKE@MAPEI.COM</p>
<p>CORIAN DAVID GREENING NA COMMERCIAL SALES FOOD SERVICE/RETAIL SEGMENT SALES LEADER CORIAN DESIGN (614) 975-6700 DAVID.P.GREENING@DUPONT.COM</p>	<p>SHERWIN WILLIAMS SUNNY PATEL NATIONAL ACCOUNT EXECUTIVE 2100 W. ORANGEWOOD AVE. SUITE 100 ORANGE, CA 92868 (619) 990-1920 SUNDEEPAKUMAR.PATEL@SHERWIN.COM</p>	<p>MARLITE DAN EGBERS REGION SALES MANAGER - SPECIFICATIONS MARLITE, INC. P: (800) 377-1221 M: (330) 260-7633 1 MARLITE DRIVE, DOVER, OH 44622 www.marlite.com degbers@marlite.com</p>	<p>WOLF GORDON JESSICA ROSE (213)999-1141 JESSICA.ROSE@WOLFGORDON.COM</p>
<p>JAMES HARDIE MATT PETERSEN CELL: (707)536-8271 MATTHEW.PETERSEN@JAMESHARDIE.COM</p>			

FINISH CONTACTS N.T.S. **C**

NOT USED **B**

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08.03.21	Issued for Permit
01.20.22	Issued for Bid

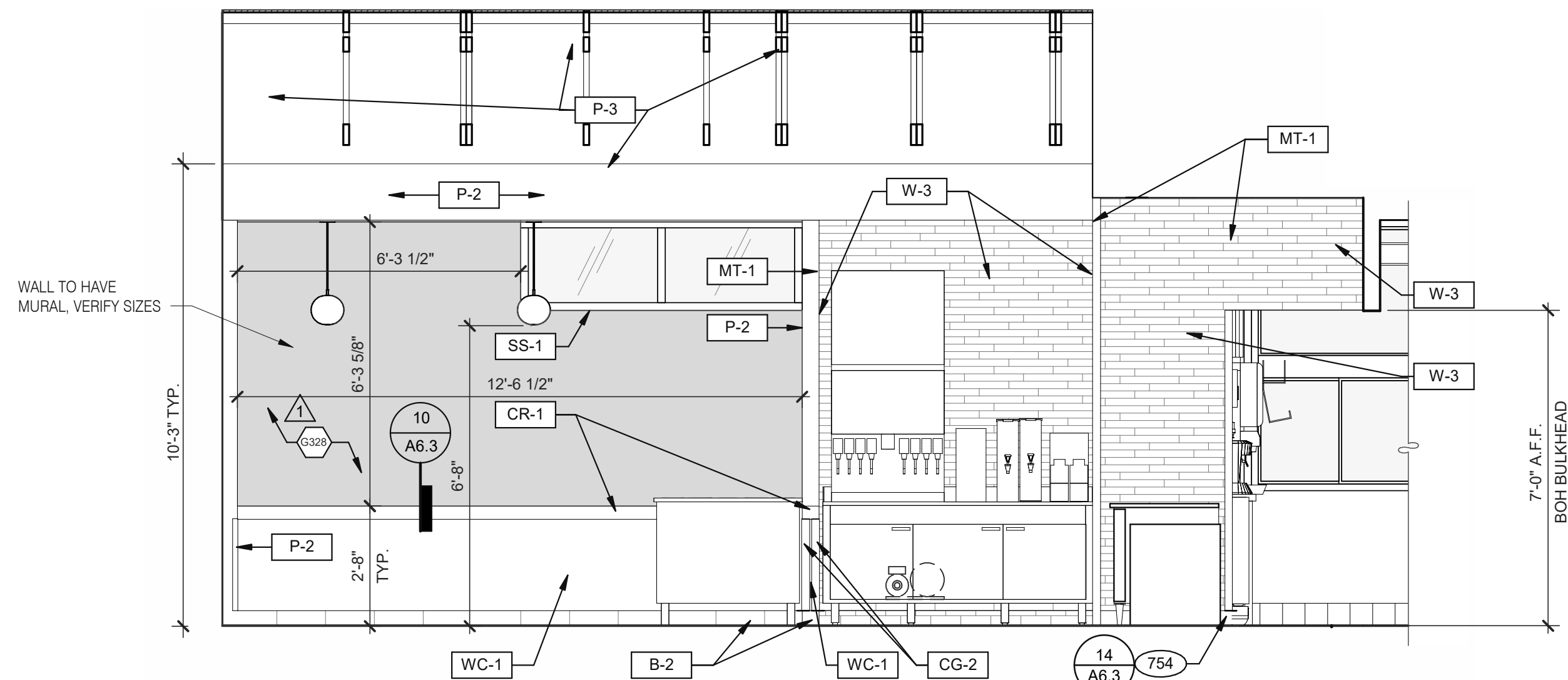
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BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

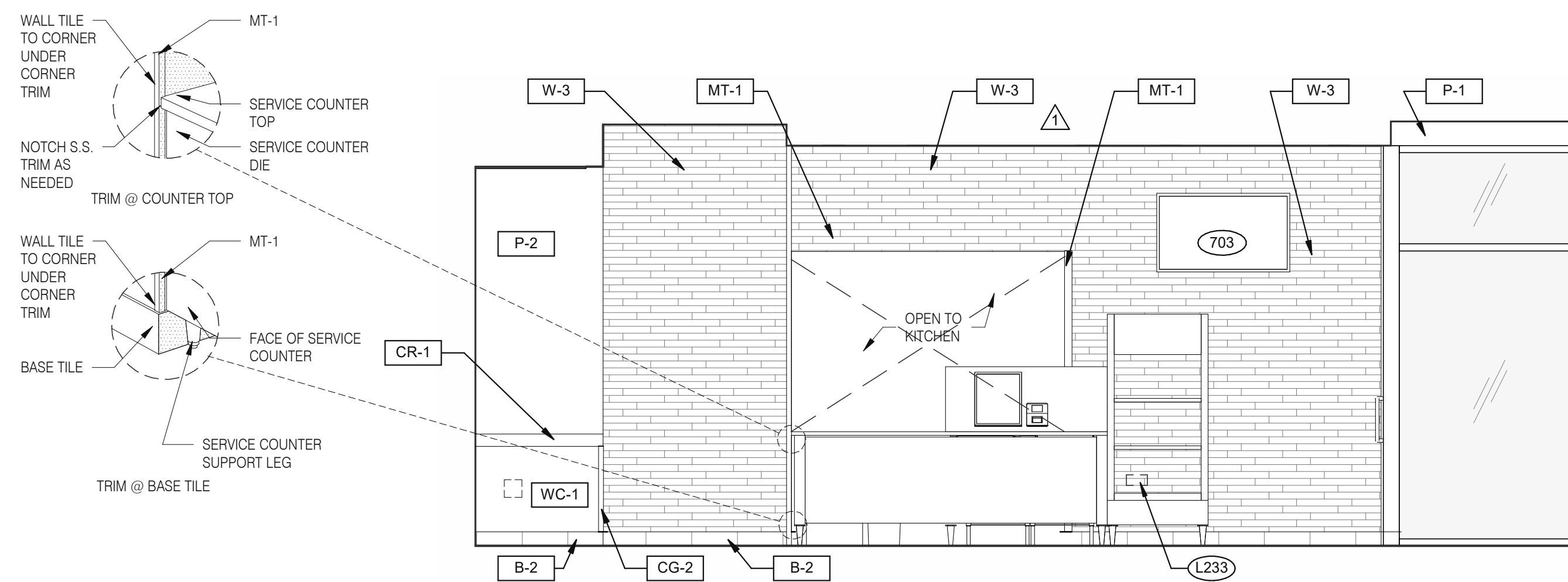


**ENDEAVOR 2.0
FINISH
SCHEDULE**

A7.2

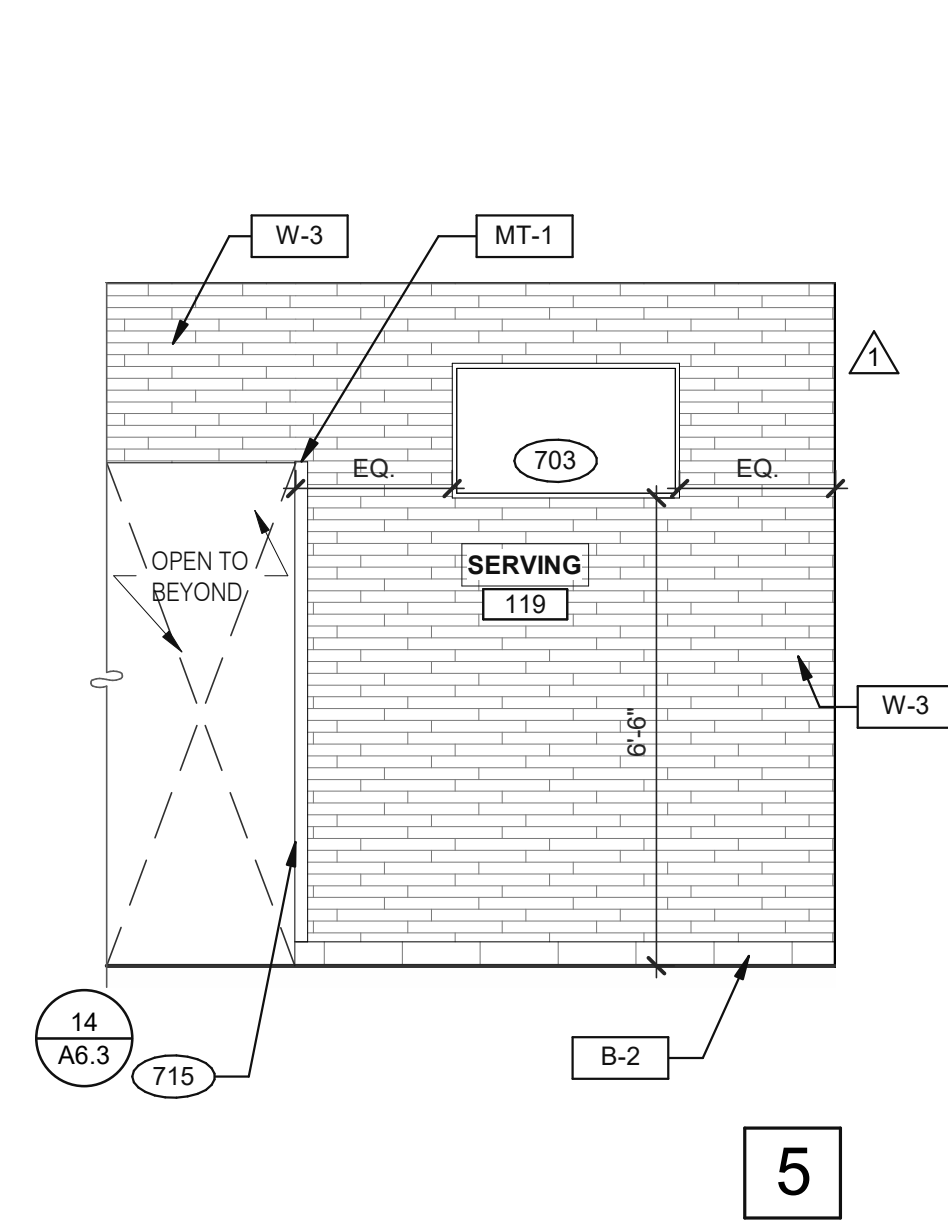


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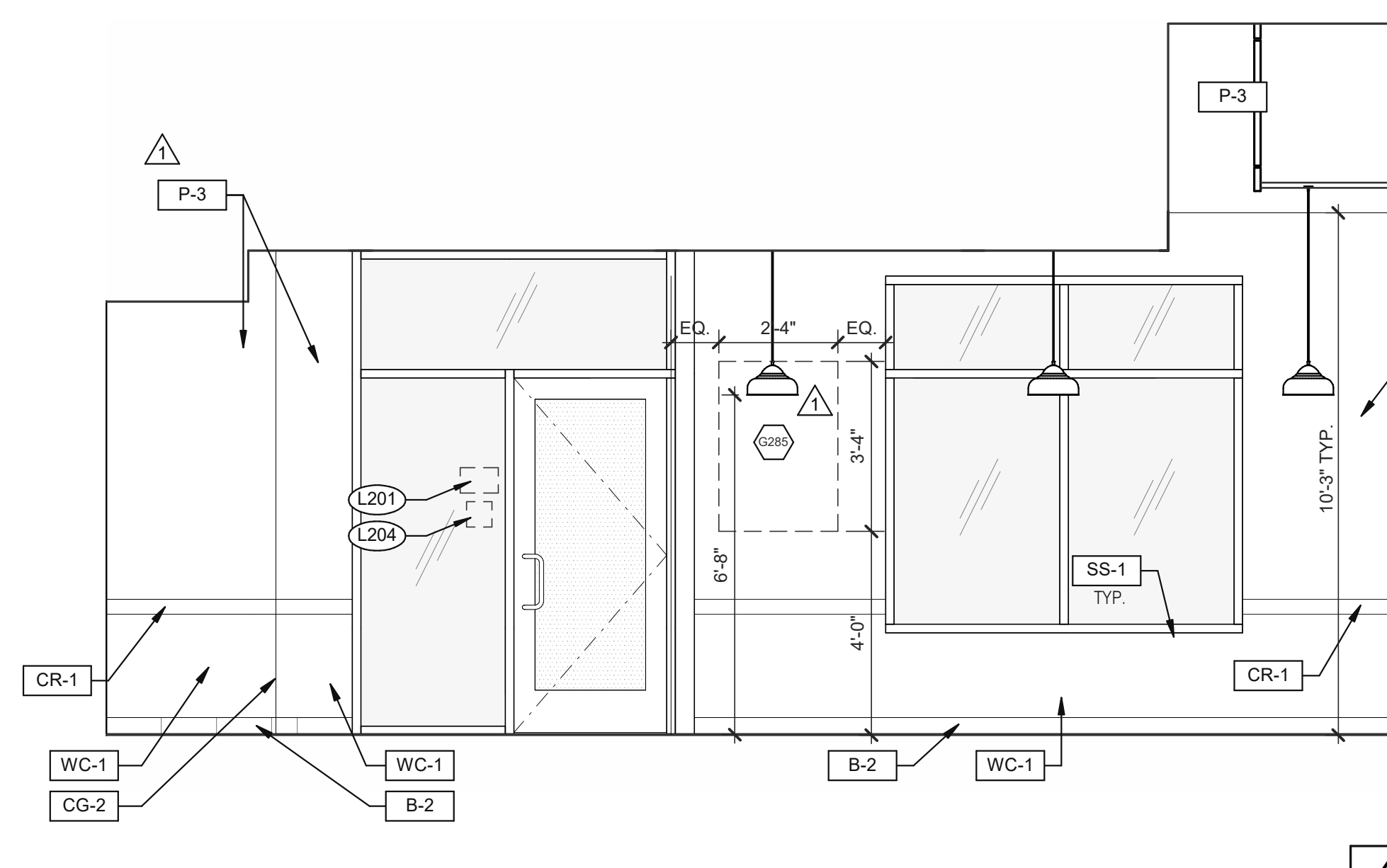


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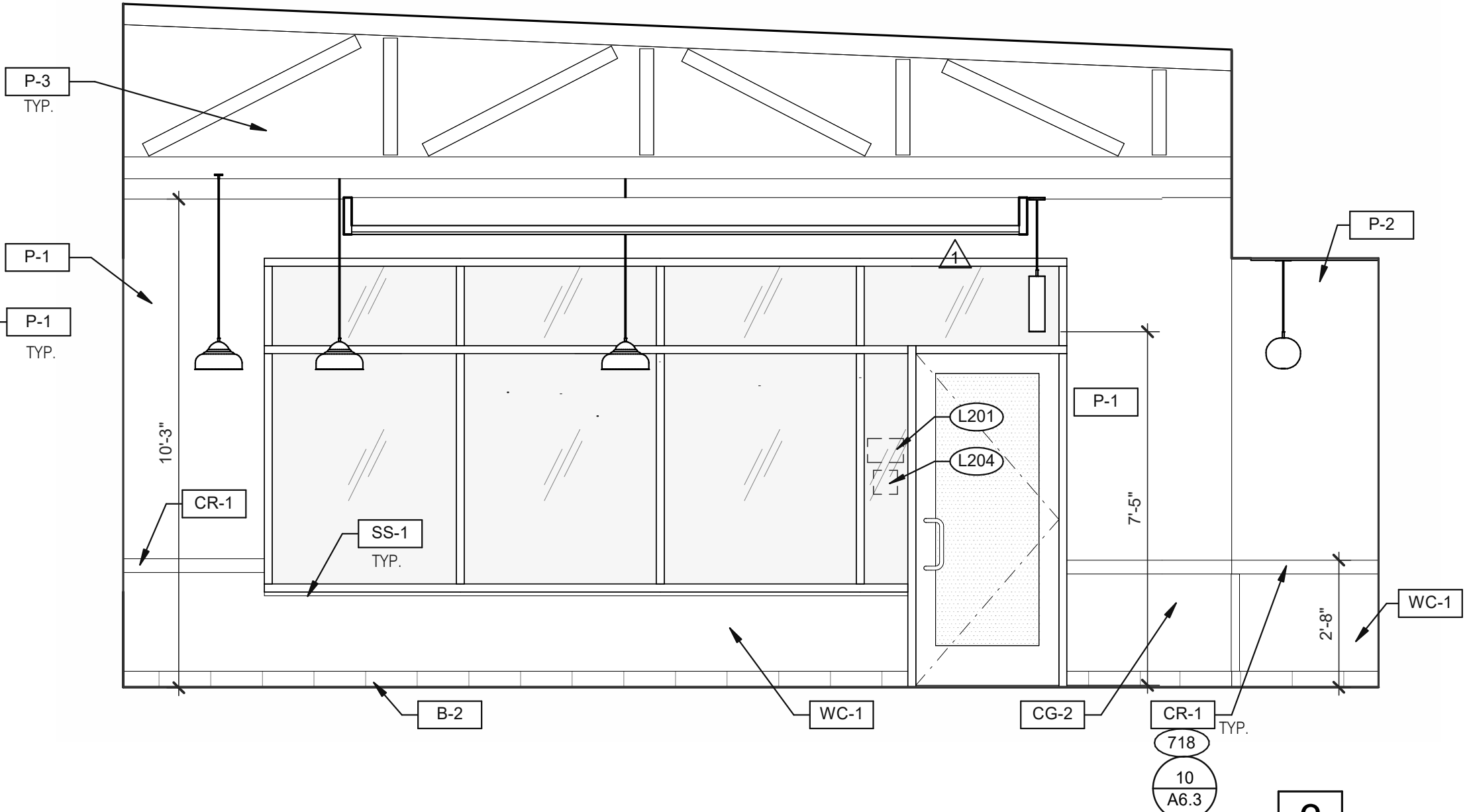
DINING 3/8" = 1'-0"



5

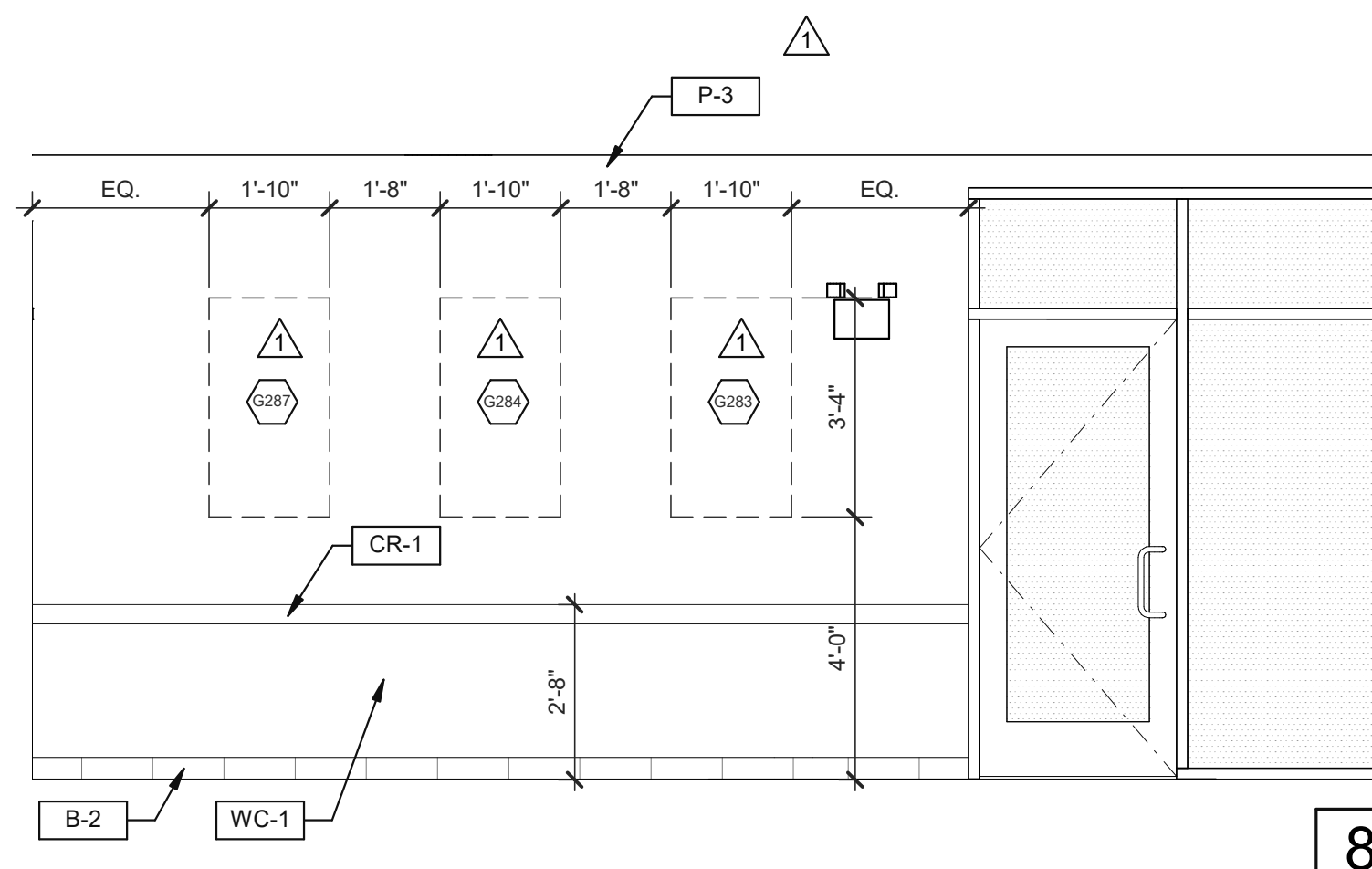


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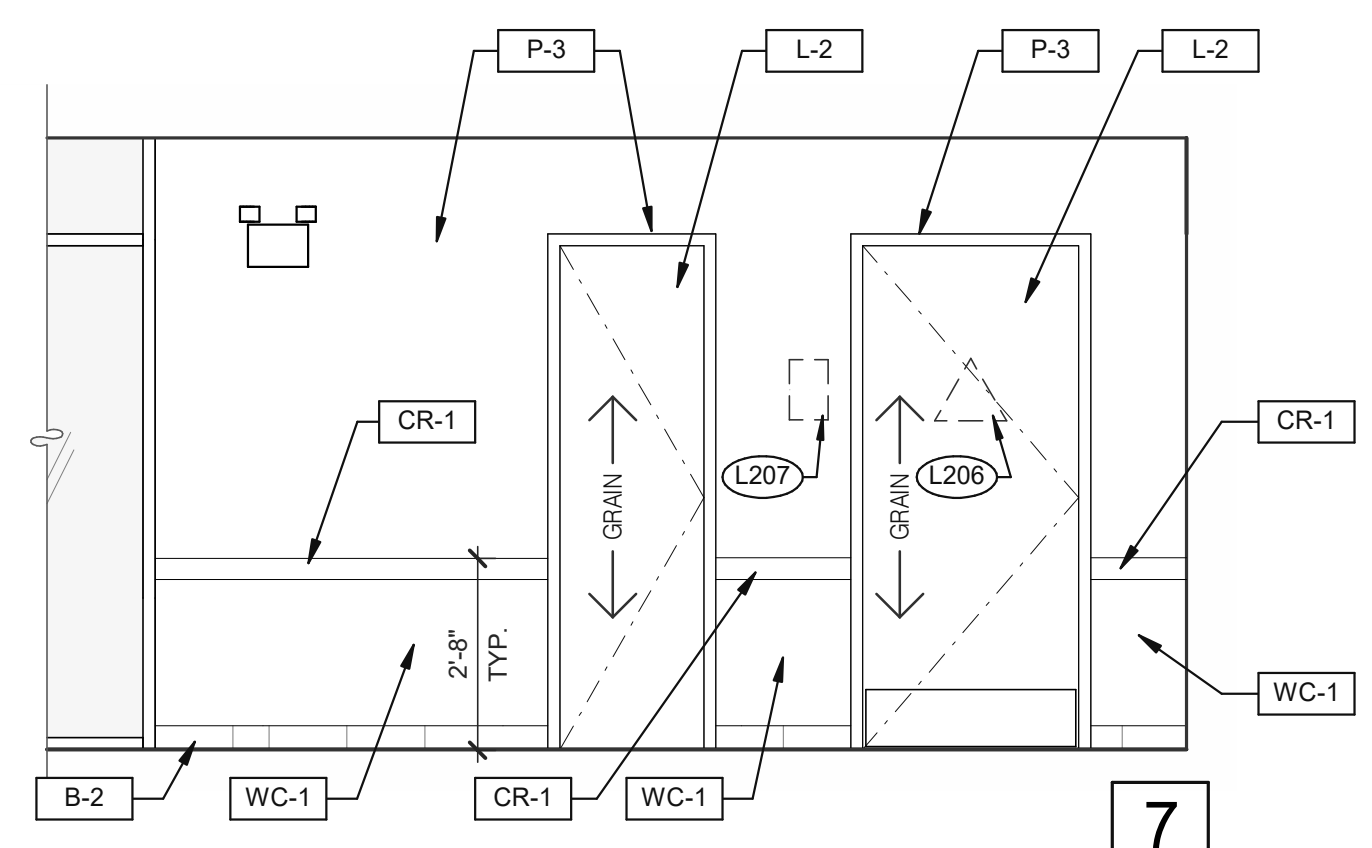


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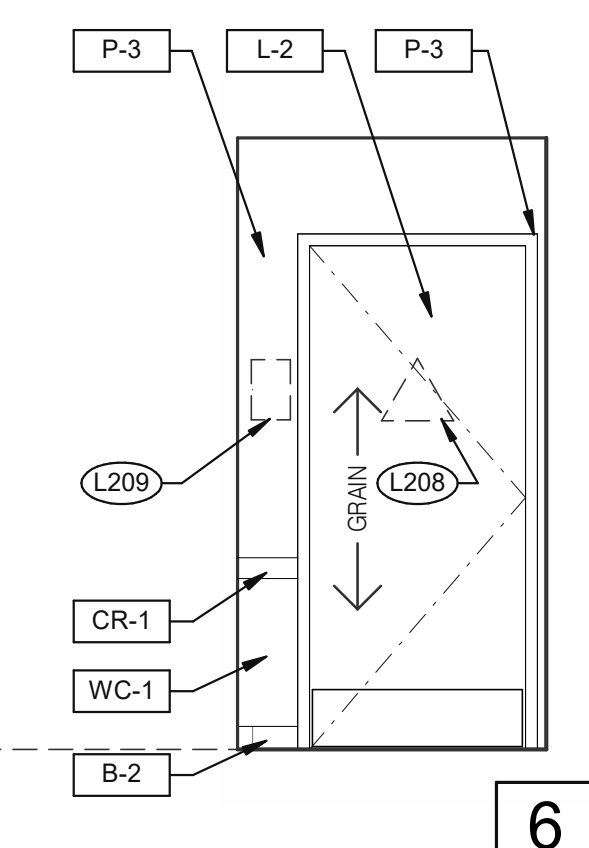
DINING 3/8" = 1'-0"



8



7



6

DESIGNER NOTE: CALIFORNIA ADA RESTROOM SIGNAGE SIGNS MUST BE 1/4" THICK, AND IN CONTRASTING COLOR TO THE SURFACE ON WHICH THEY ARE INSTALLED.
 DOOR: GENDER NEUTRAL SIGN (E#: E7000974)
 WALL SIGN: FAMILY RESTROOM SIGN WITH BRAILLE (E#: E76000972)

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

PASSAGE 3/8" = 1'-0"

KEYNOTES

A

DATE	REMARKS
08.03.21	Issued for Permit
10.15.21	NTP Comments
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END. MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: RS
 JOB NO.: 2018088.31

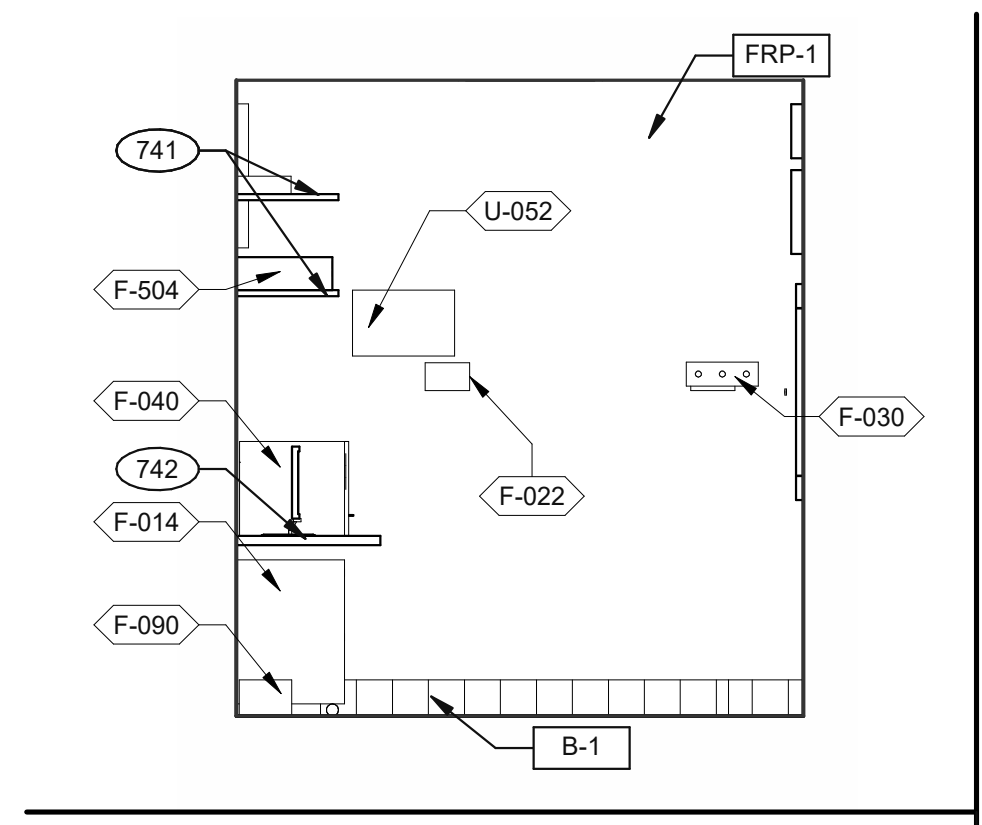
TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131

TACO BELL
 ENDEAVOR 2.0
 INTERIOR
 ELEVATIONS
 DINING ROOM

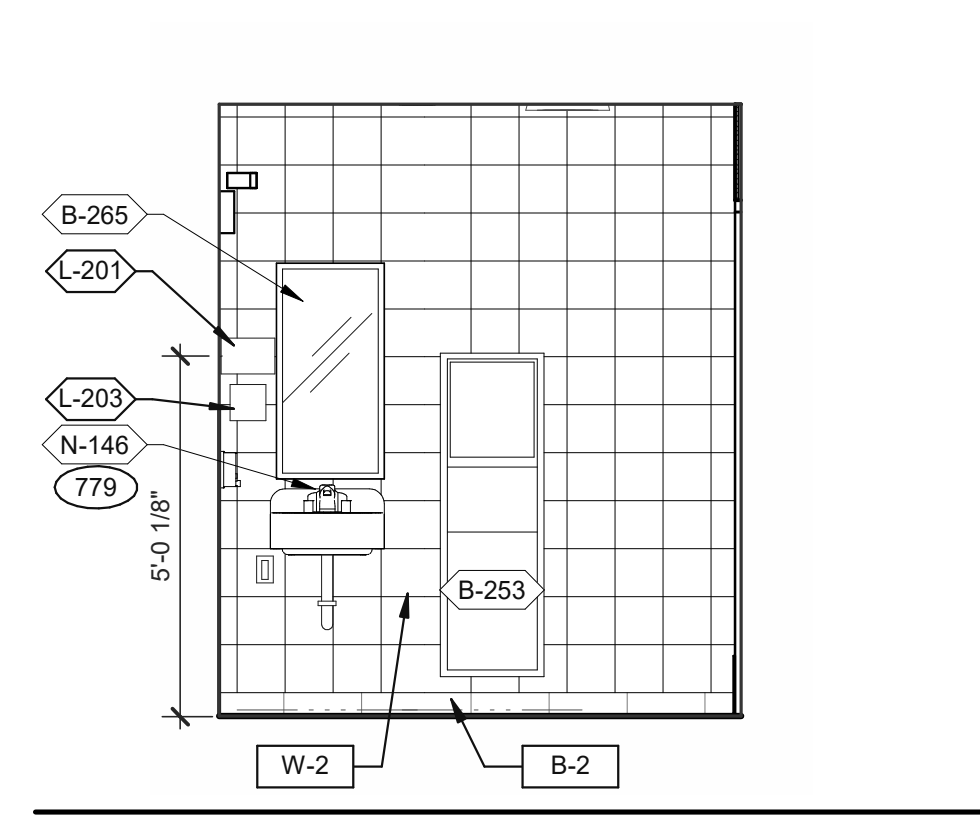
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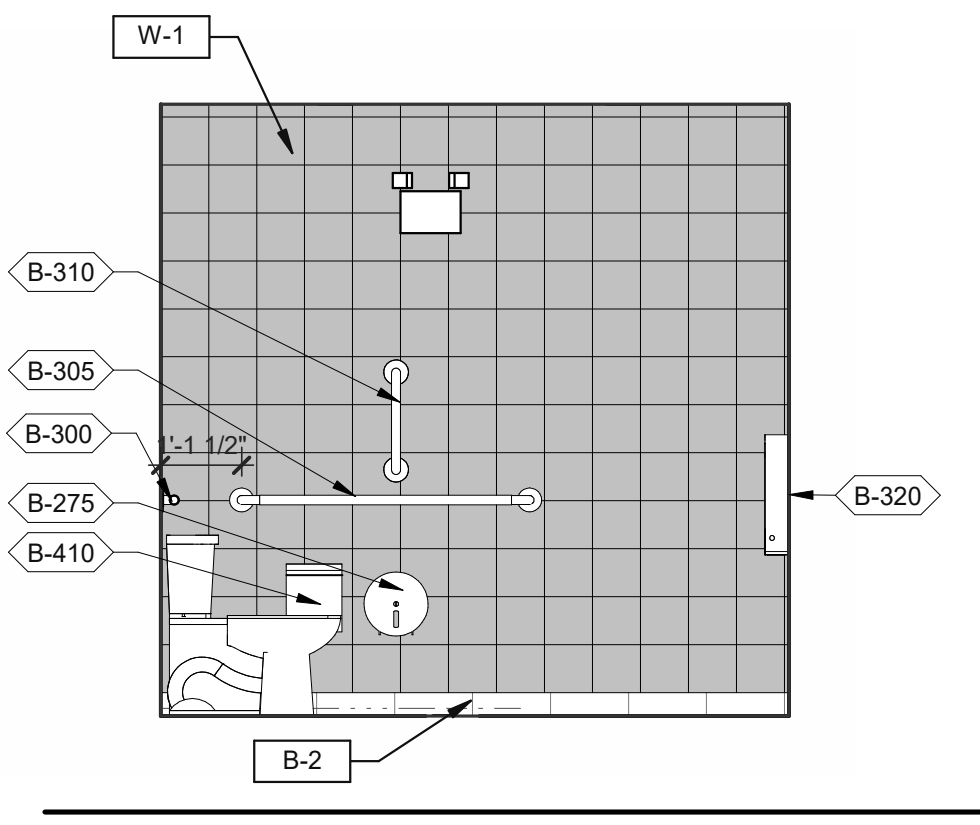
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



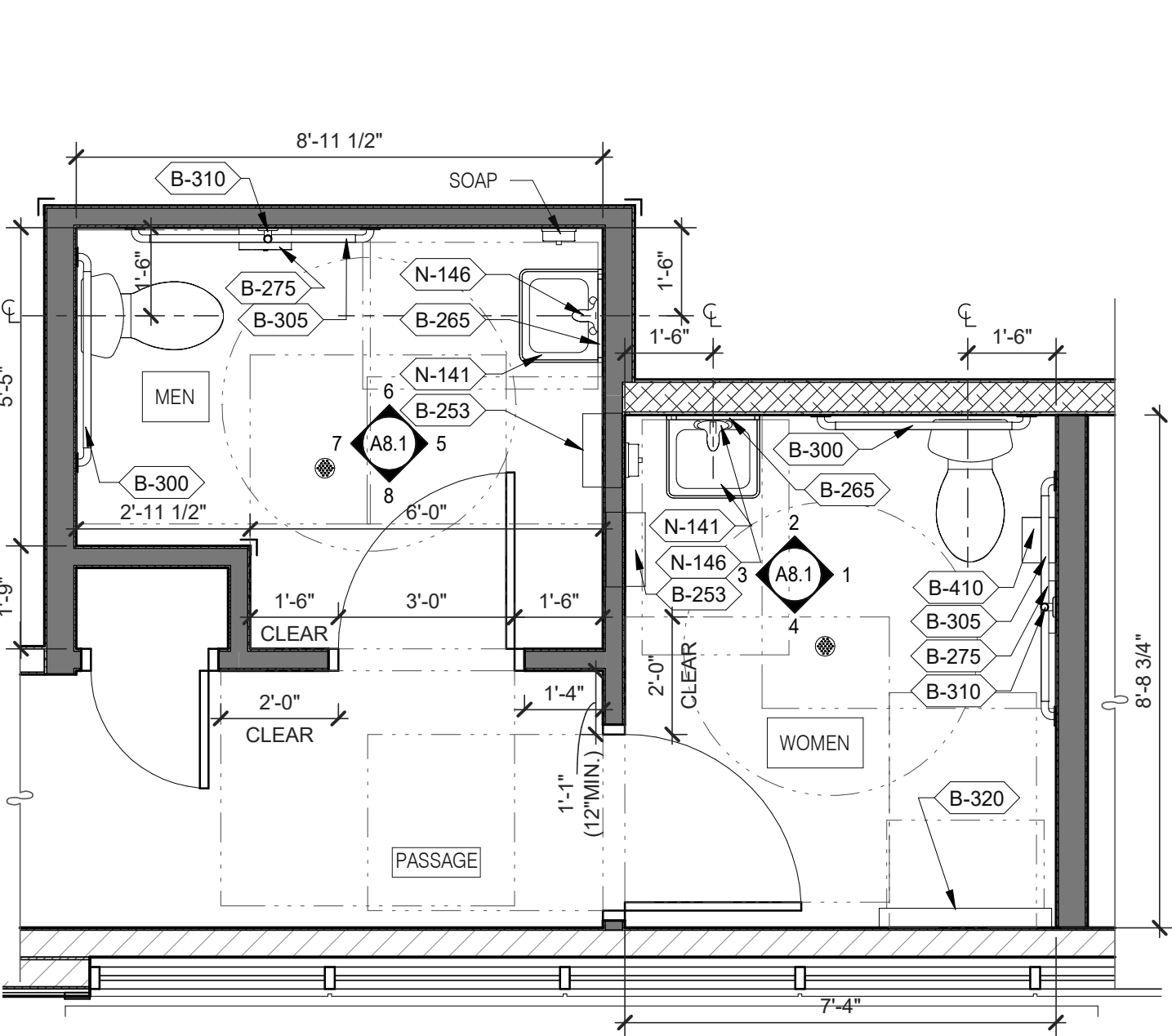
OFFICE ELEVATION 3/8" = 1'-0" **9**



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



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

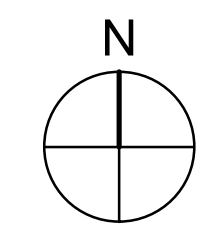


- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0
- C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
- D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES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

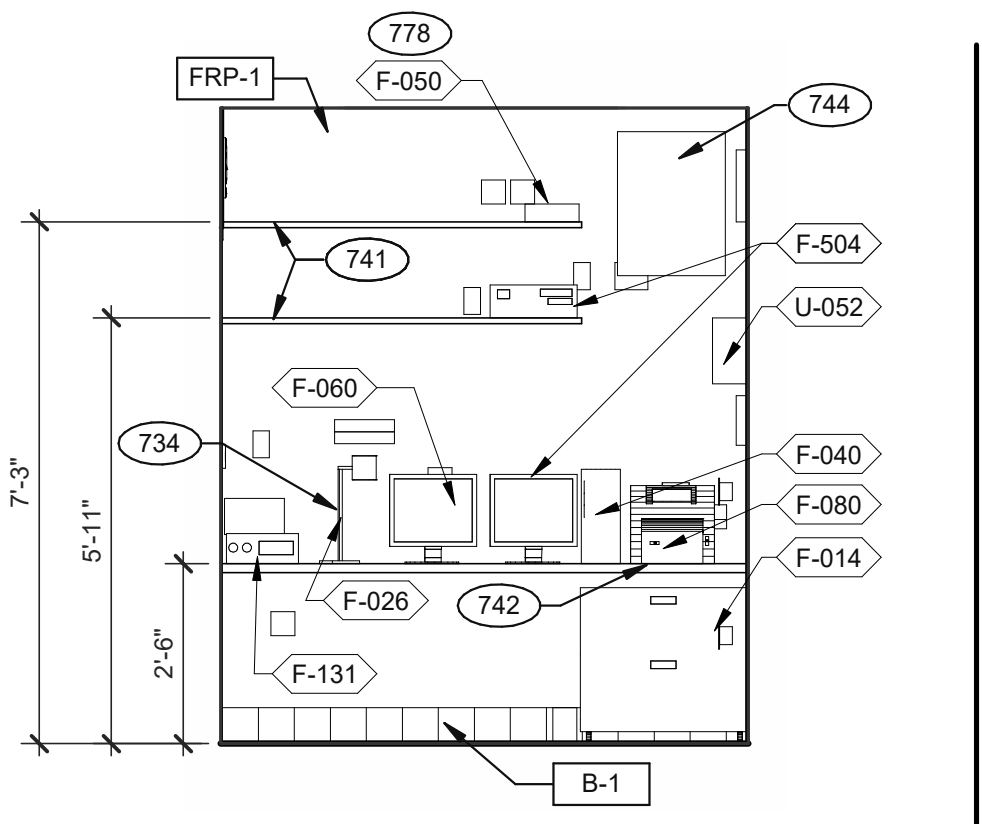
ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.

* ABSOLUTE DIMENSION

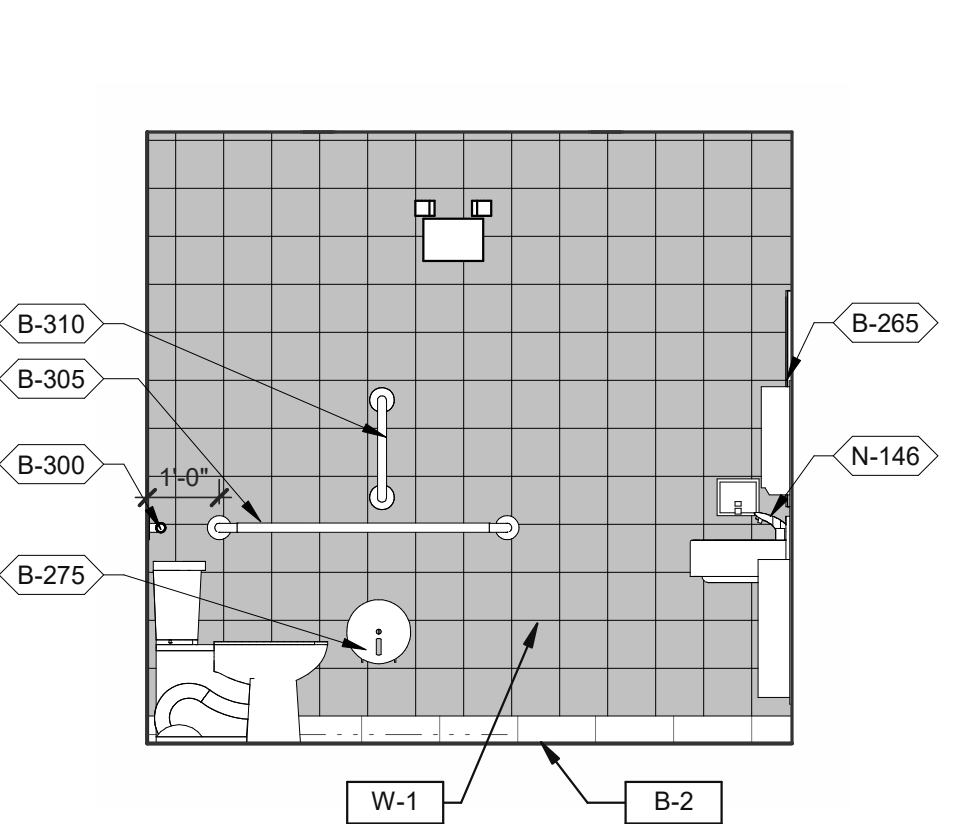
DESIGNER NOTE:
REFER TO G4.0 & G4.1
REFER TO SHEET A-2.1 FOR FIXTURE LIST.



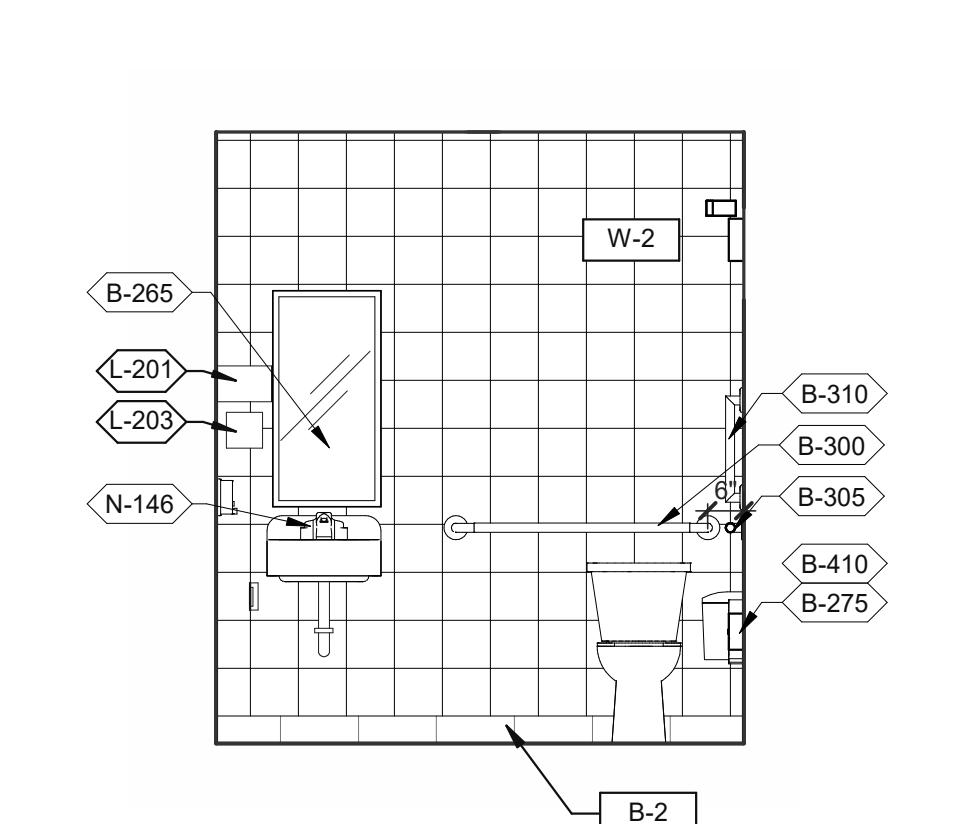
ENLARGED RESTROOM / GENERAL NOTES 3/8" = 1'-0" **A**



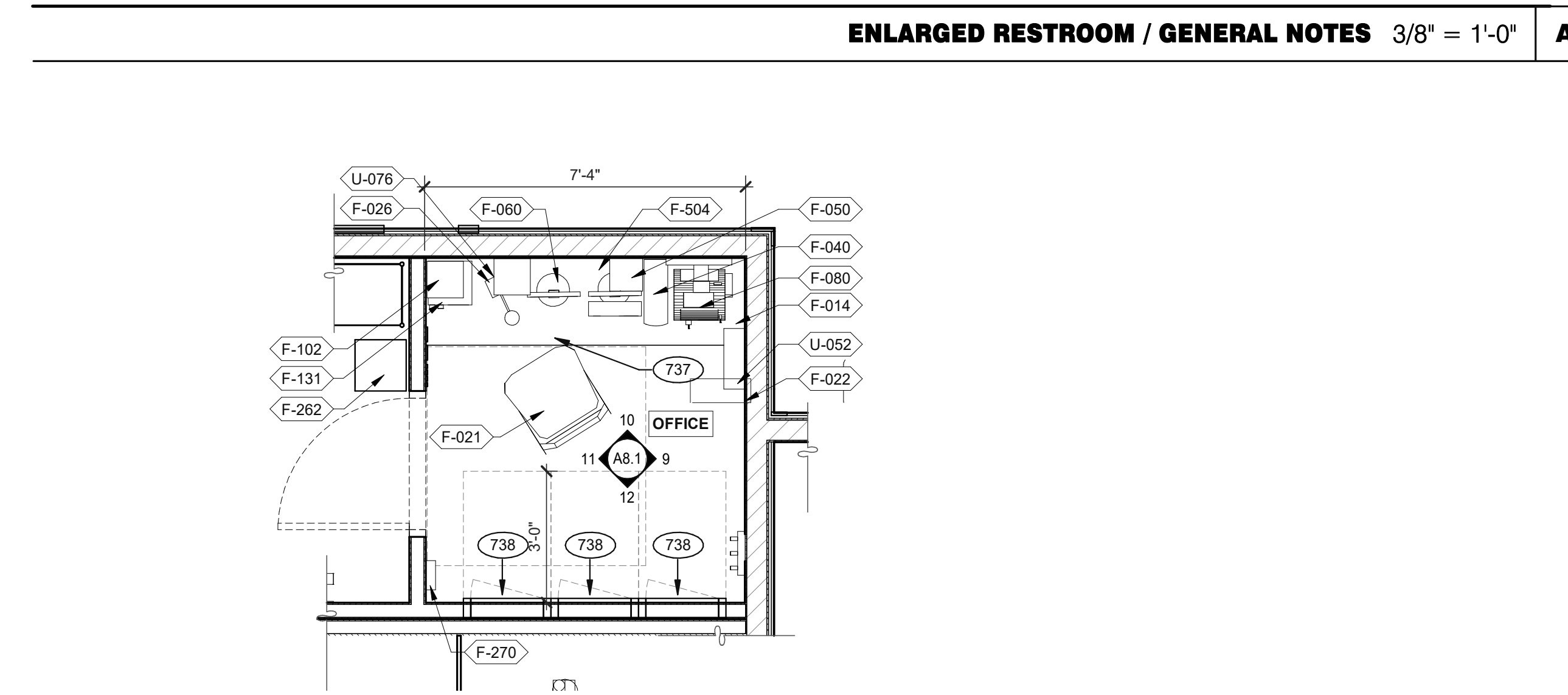
OFFICE ELEVATION 3/8" = 1'-0" **10**



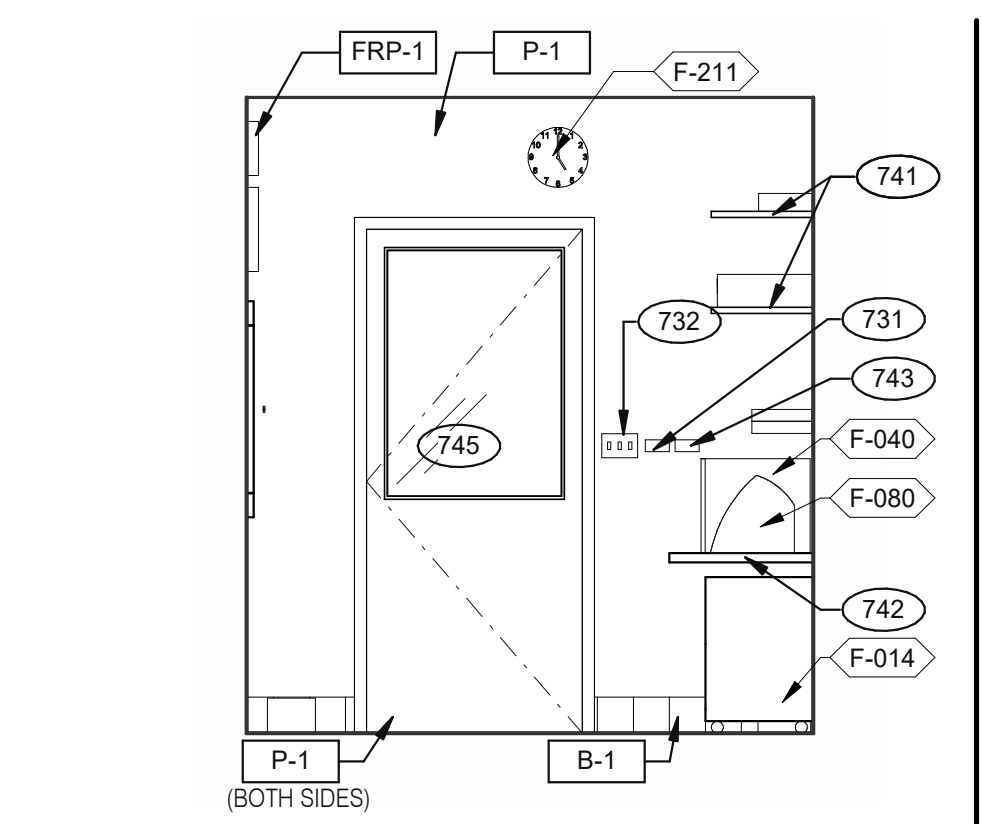
MEN'S RESTROOM 3/8" = 1'-0" **6**



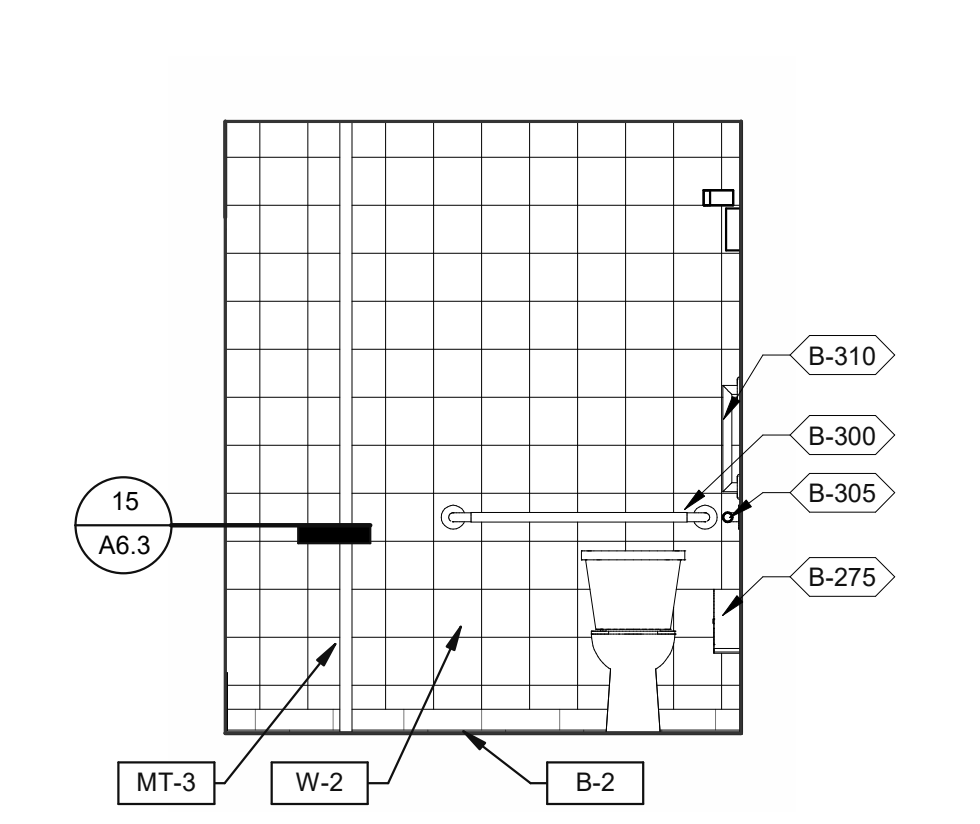
WOMEN'S RESTROOM 3/8" = 1'-0" **2**



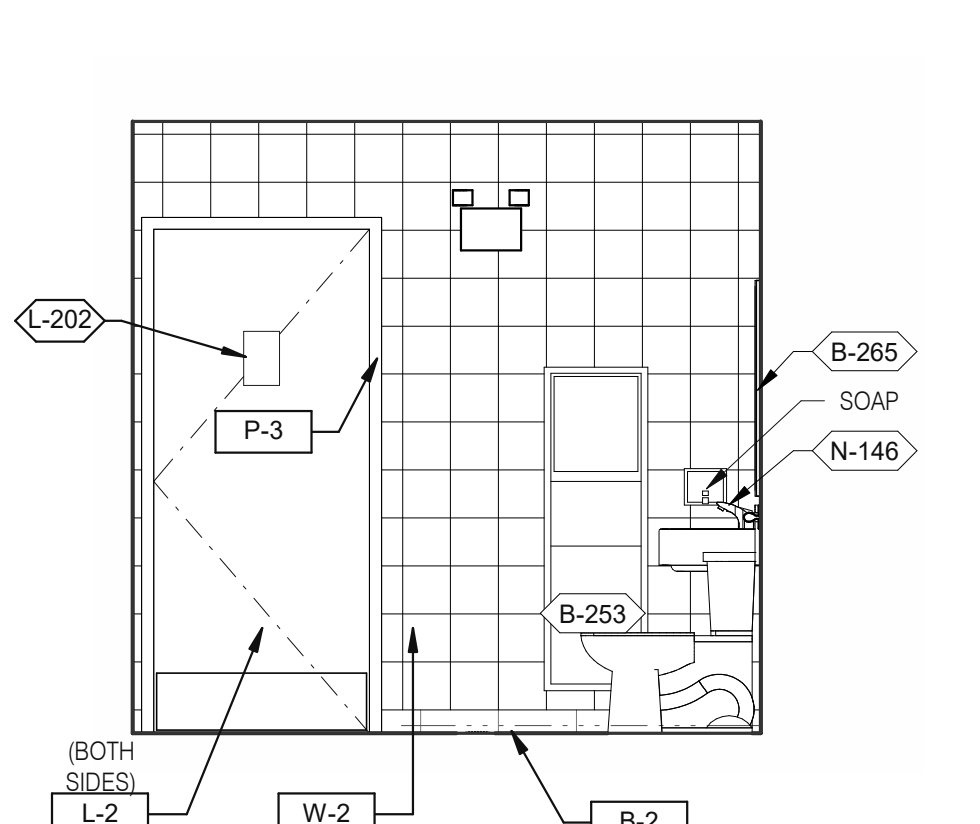
OFFICE PLAN 3/8" = 1'-0" **B**



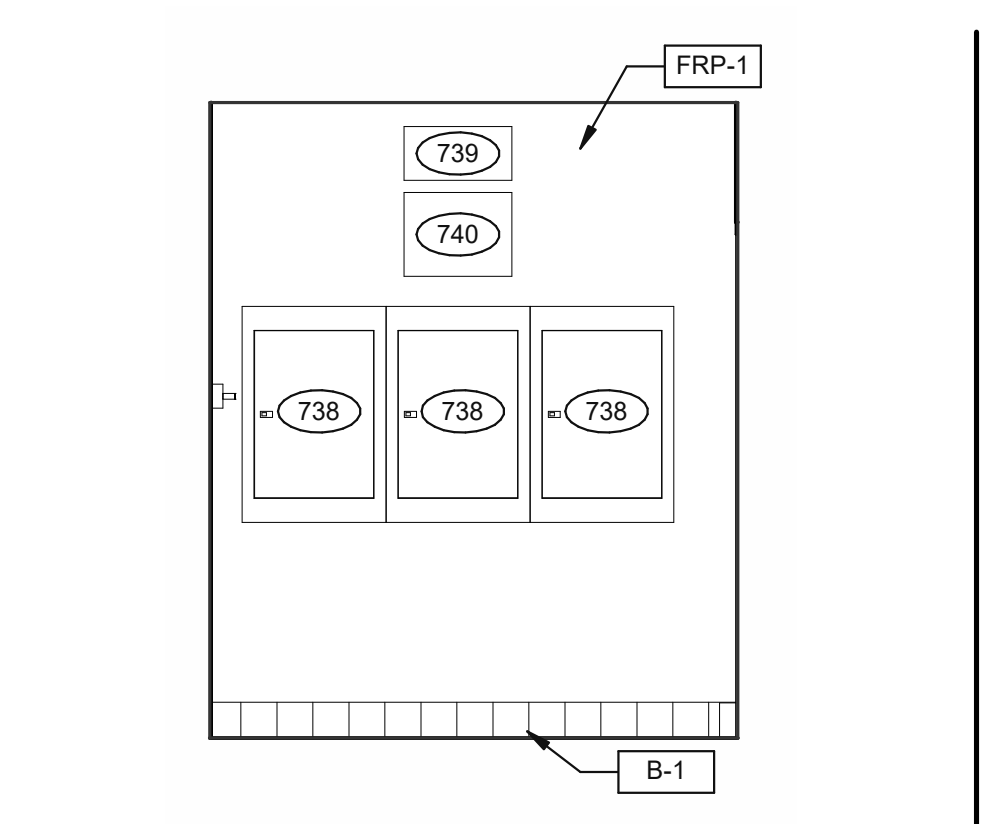
OFFICE ELEVATION 3/8" = 1'-0" **11**



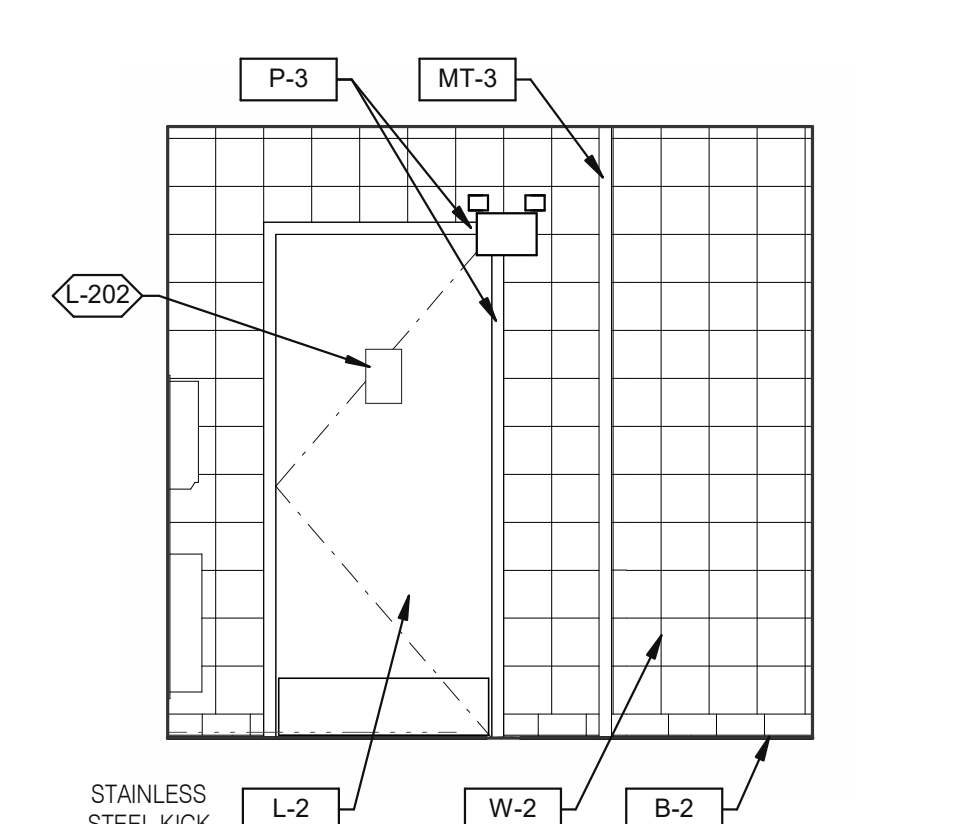
MEN'S RESTROOM 3/8" = 1'-0" **7**



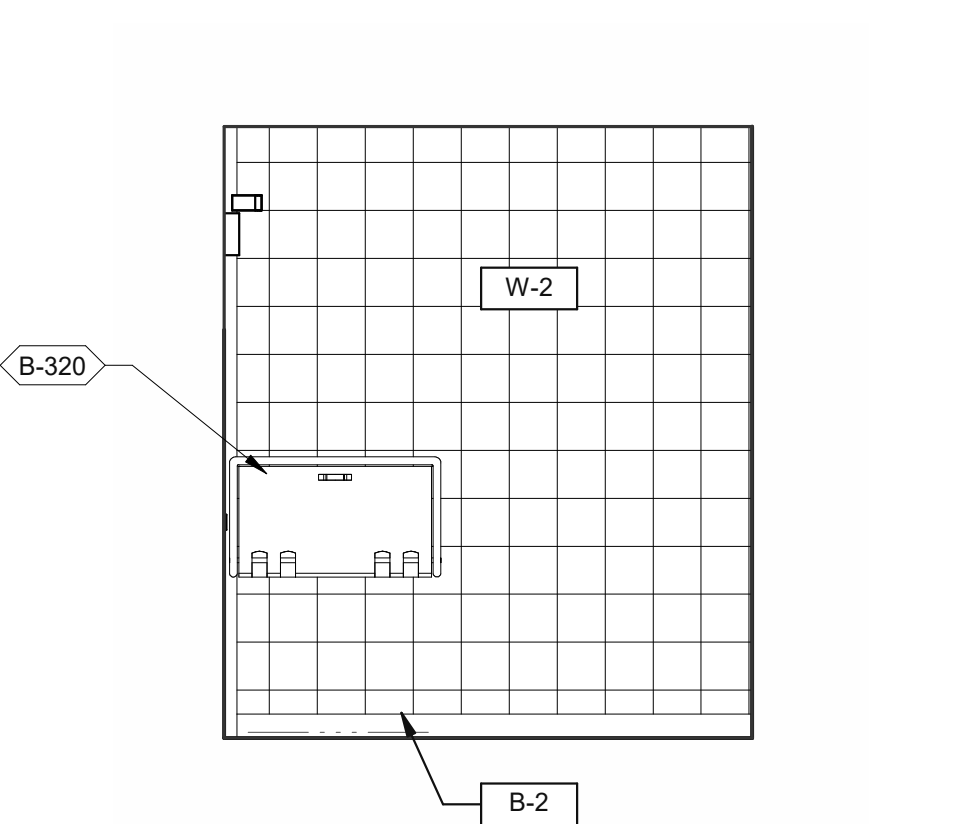
WOMEN'S RESTROOM 3/8" = 1'-0" **3**



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



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



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

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

KEYNOTES **C**

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY: RS
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



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

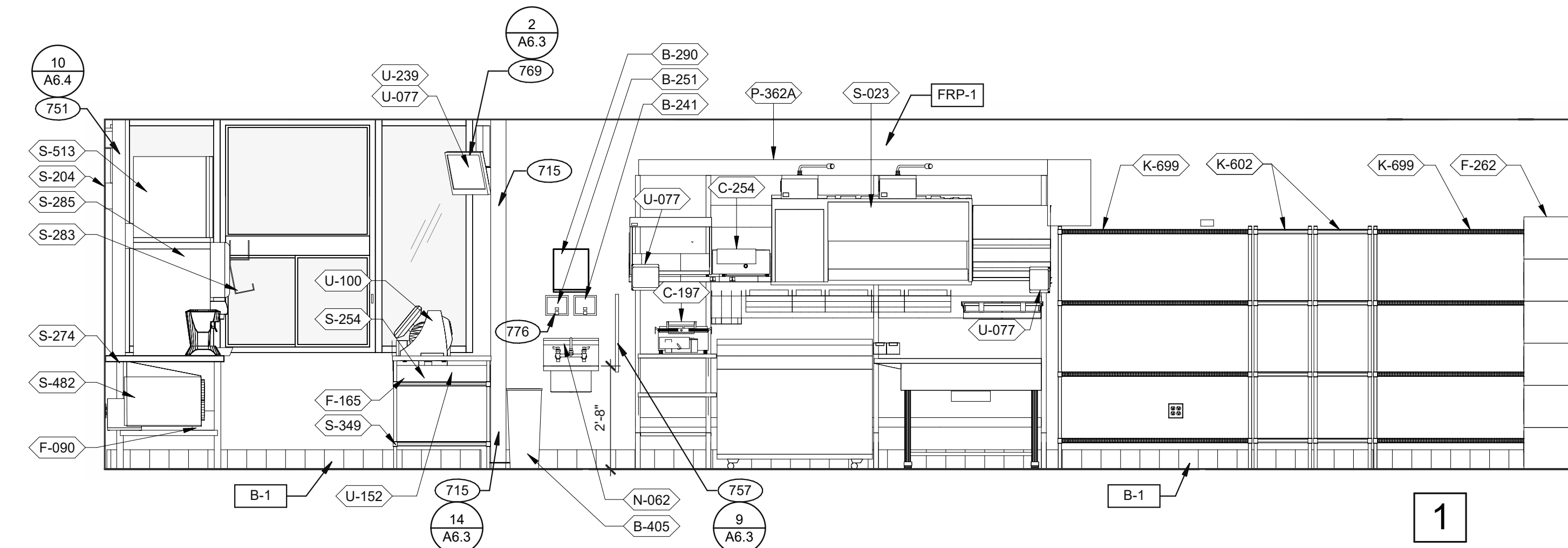
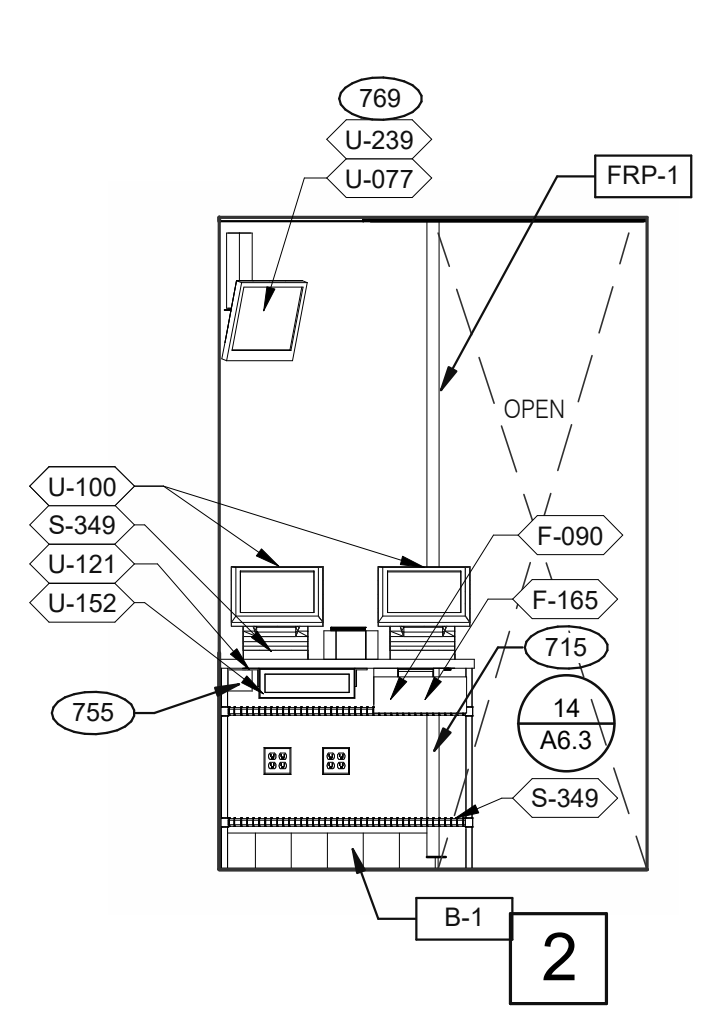
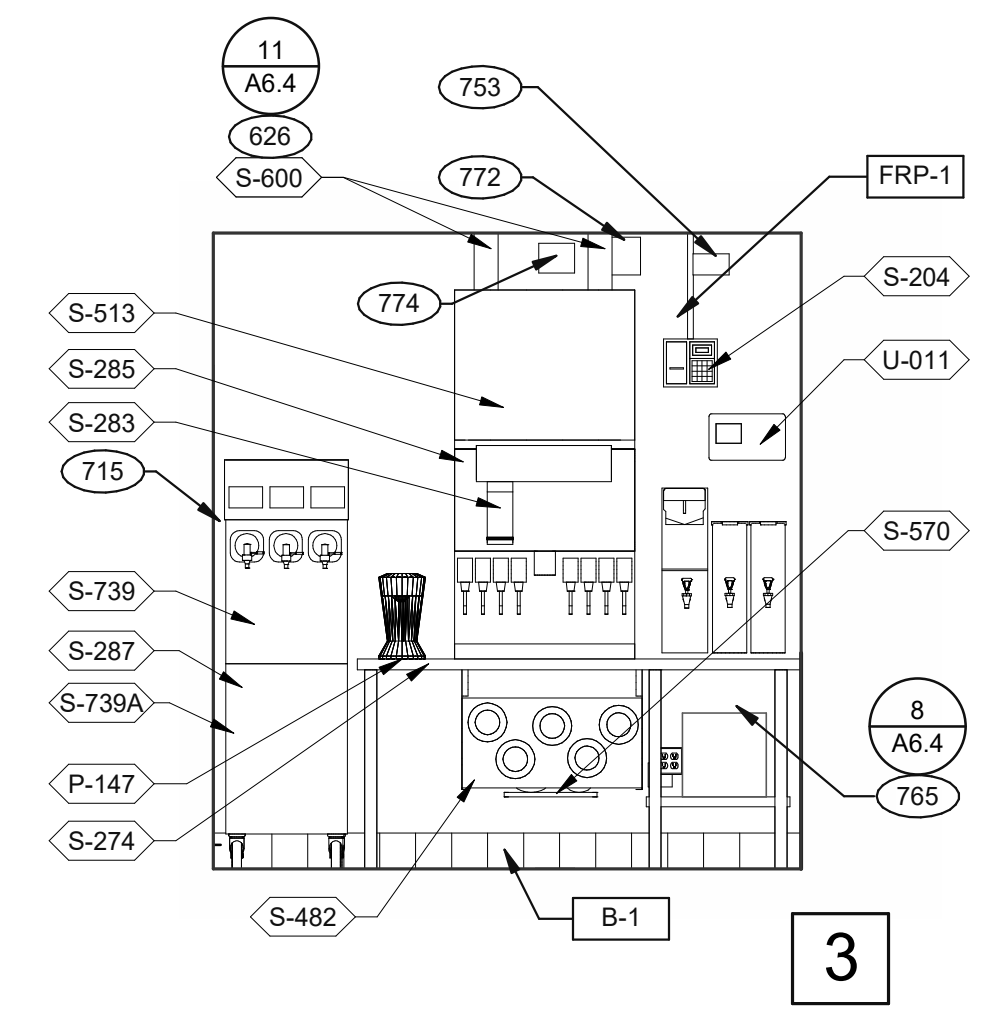
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PLOT DATE: 1/19/2022 11:08:48 AM

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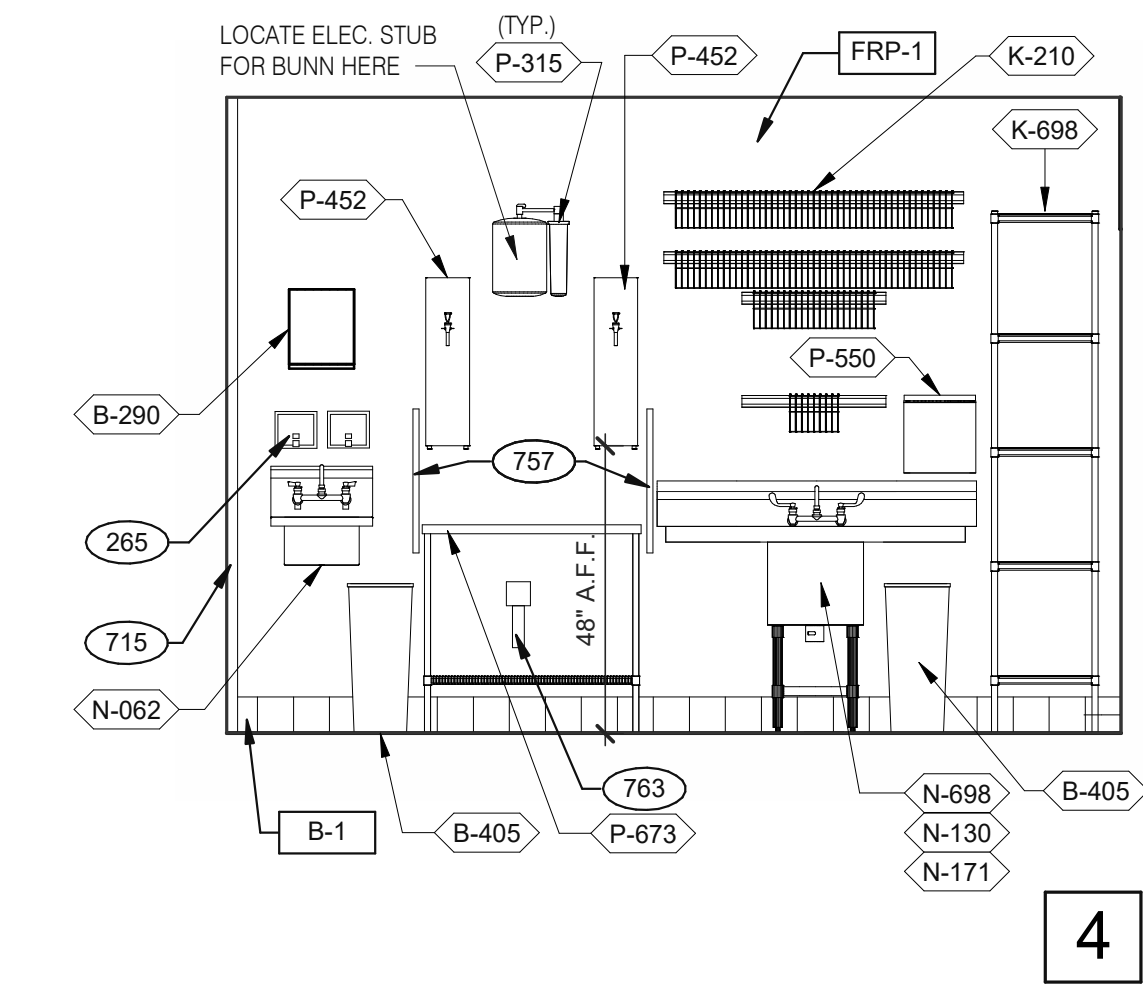
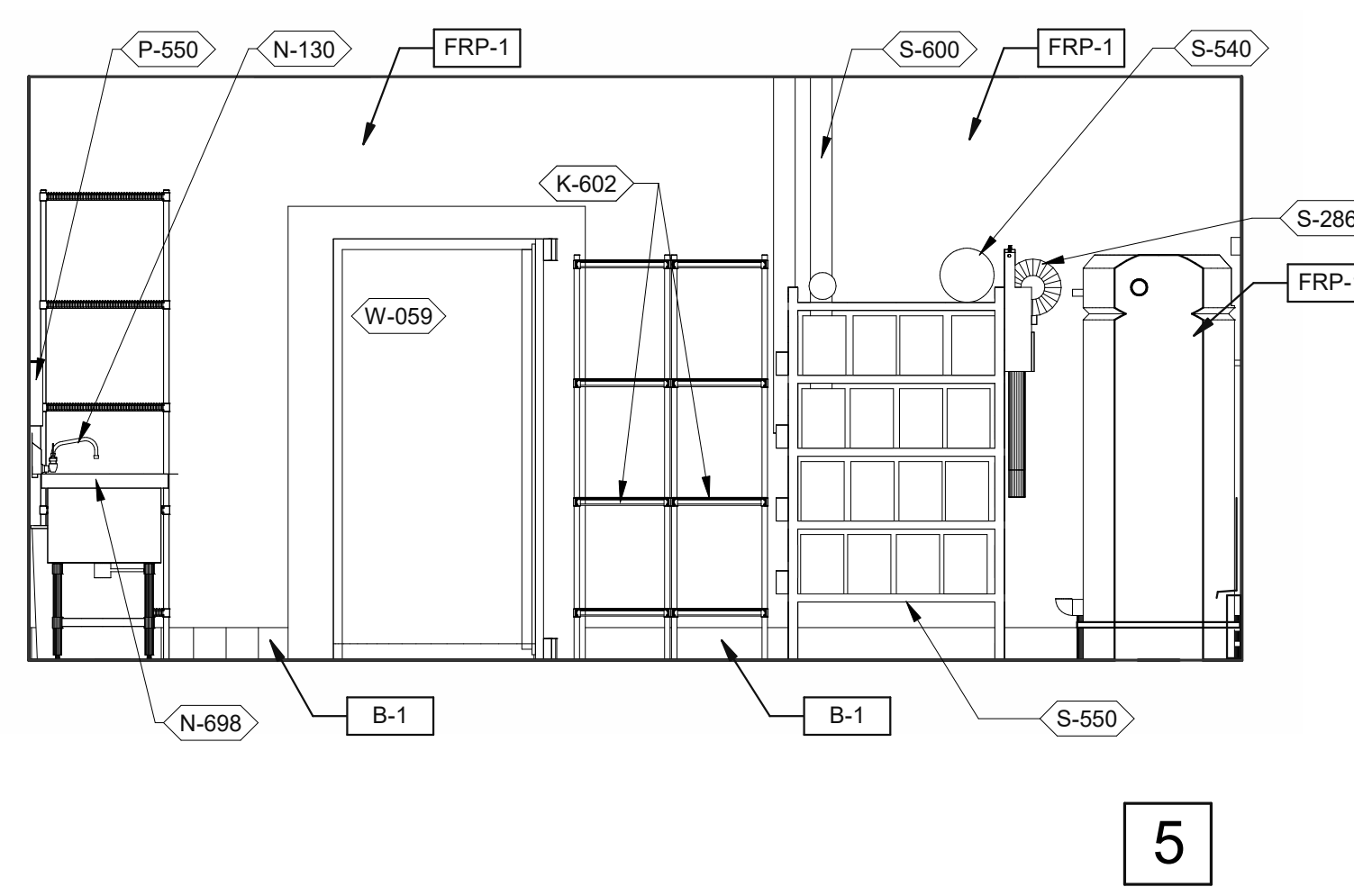
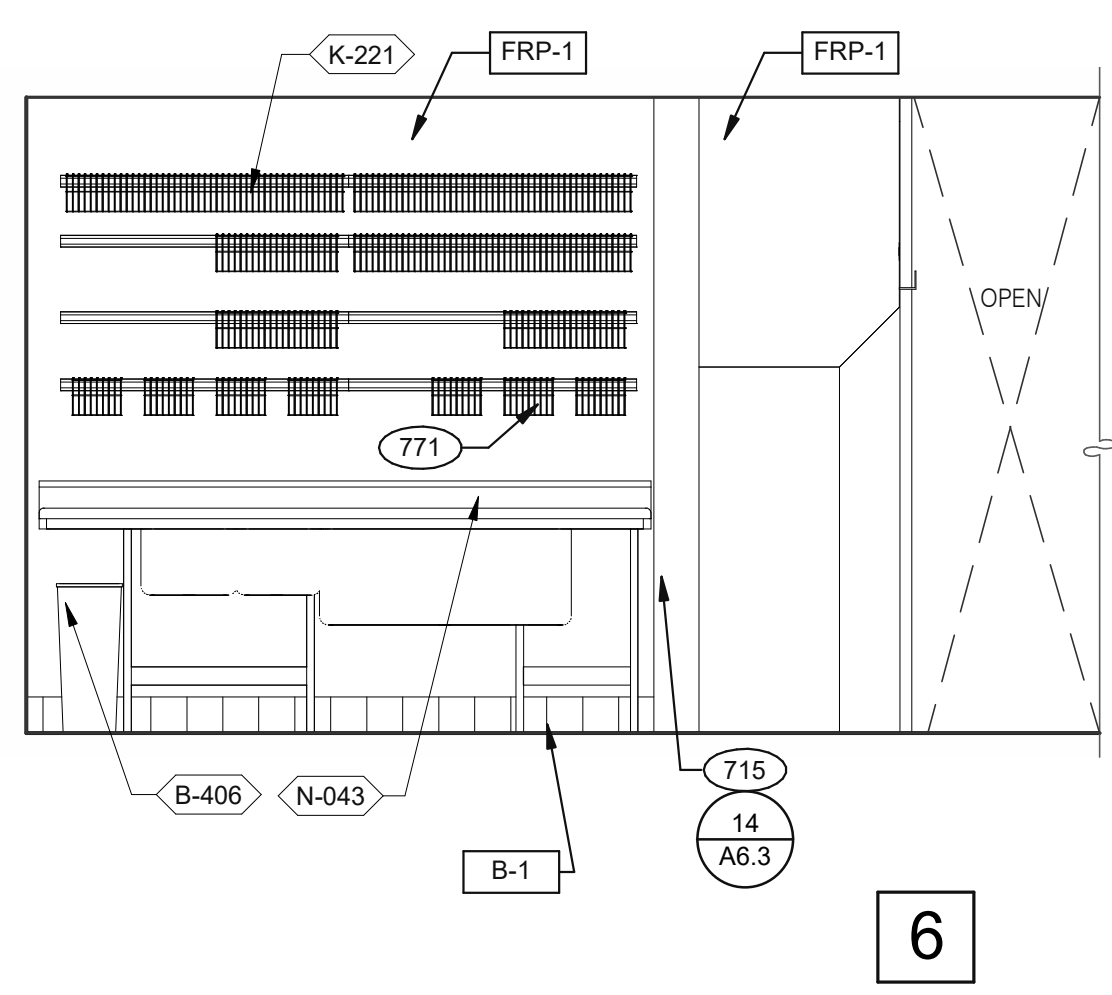
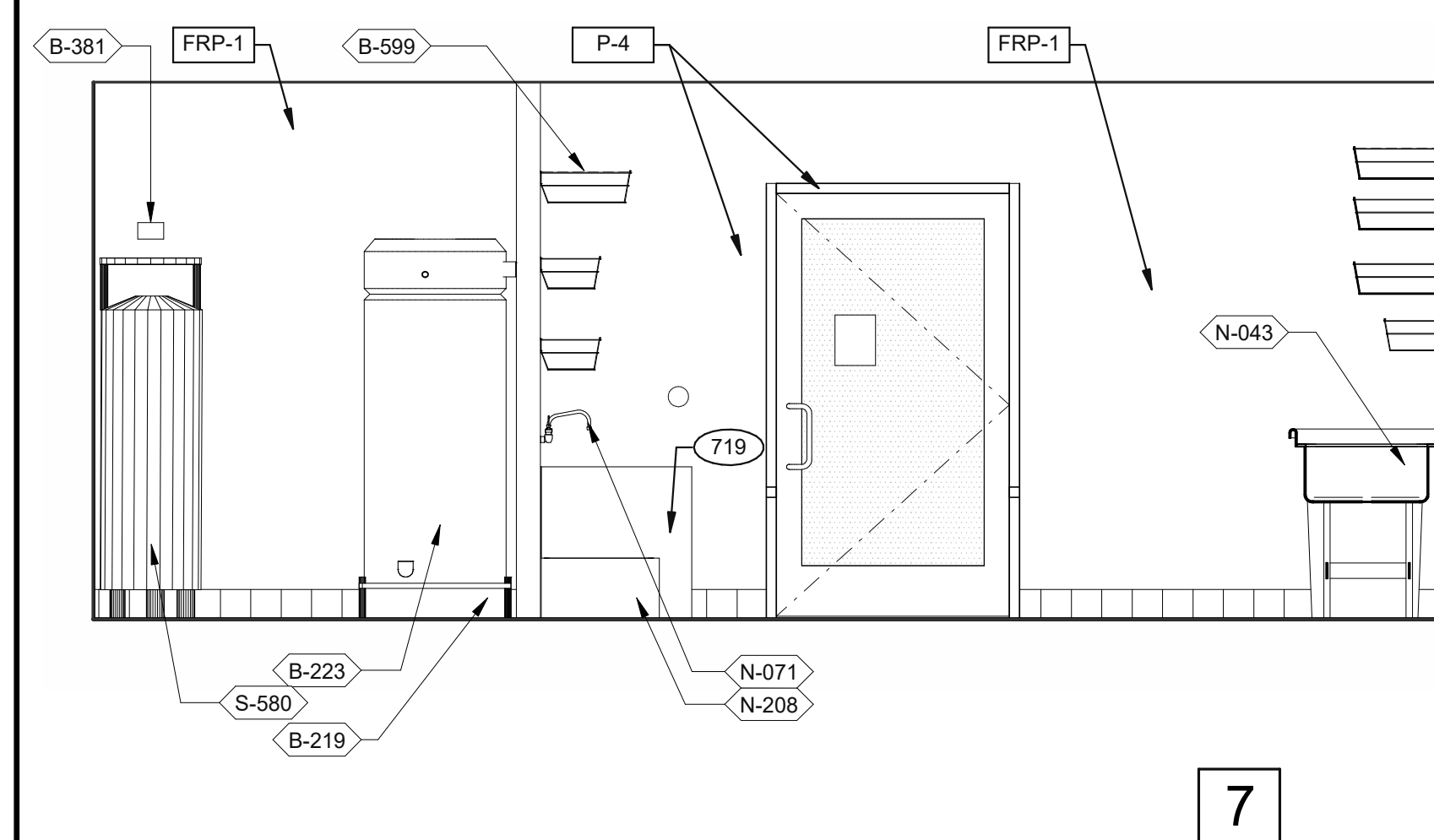
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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

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

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

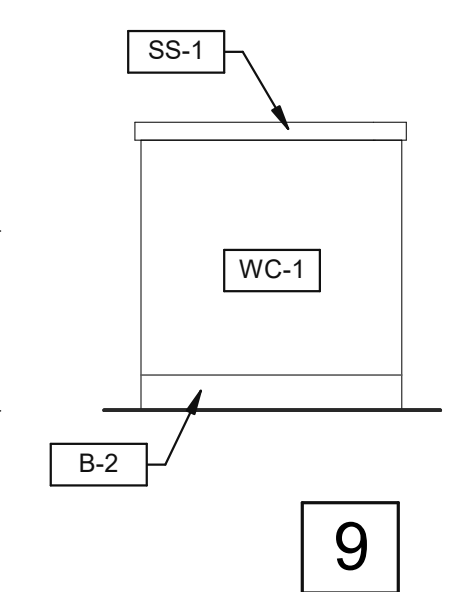
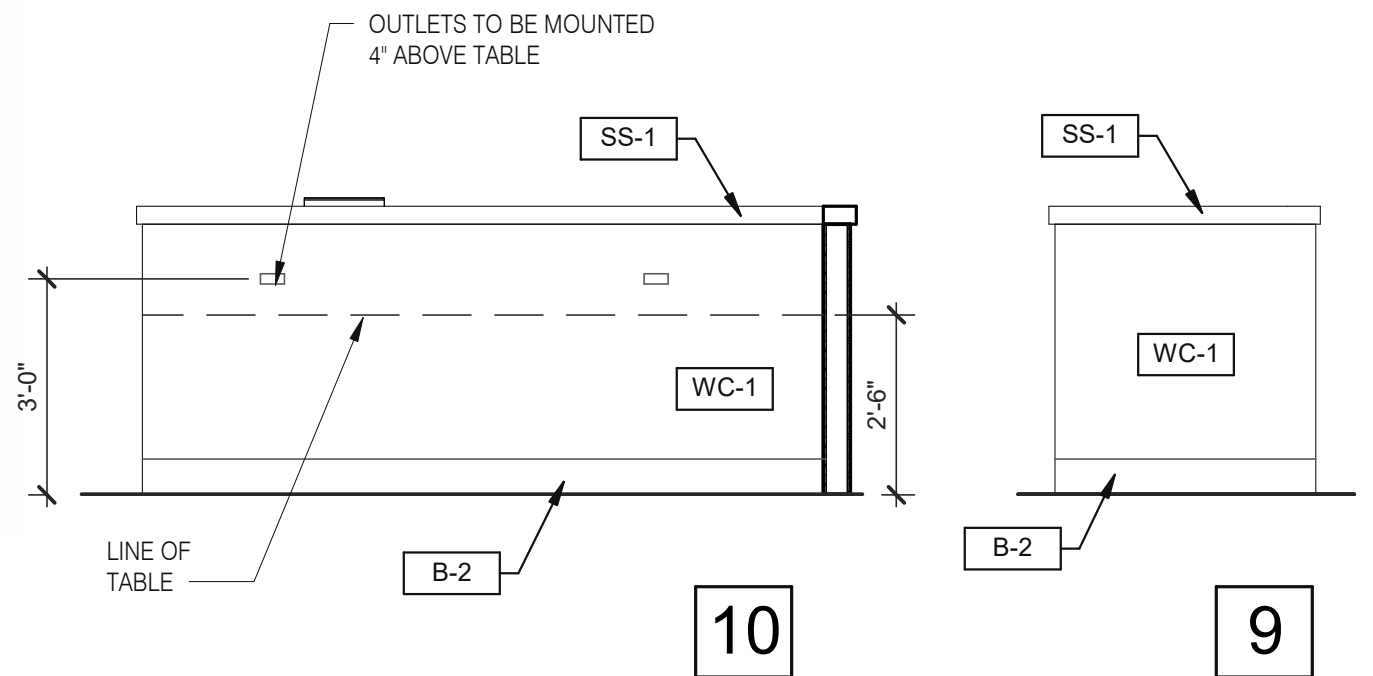
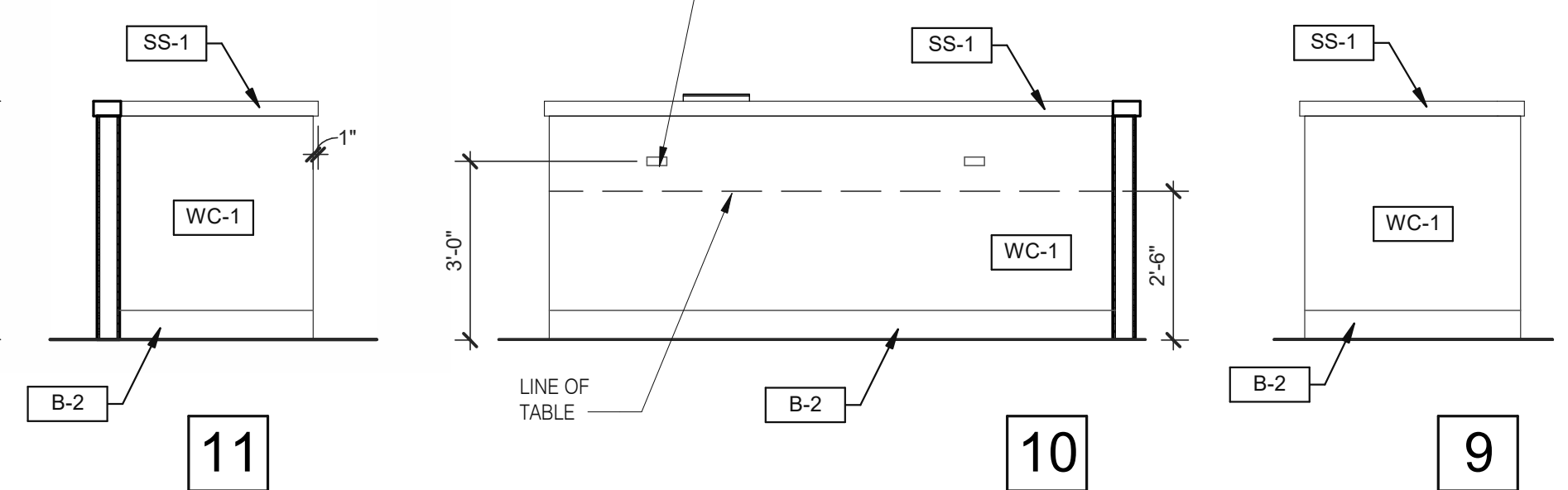
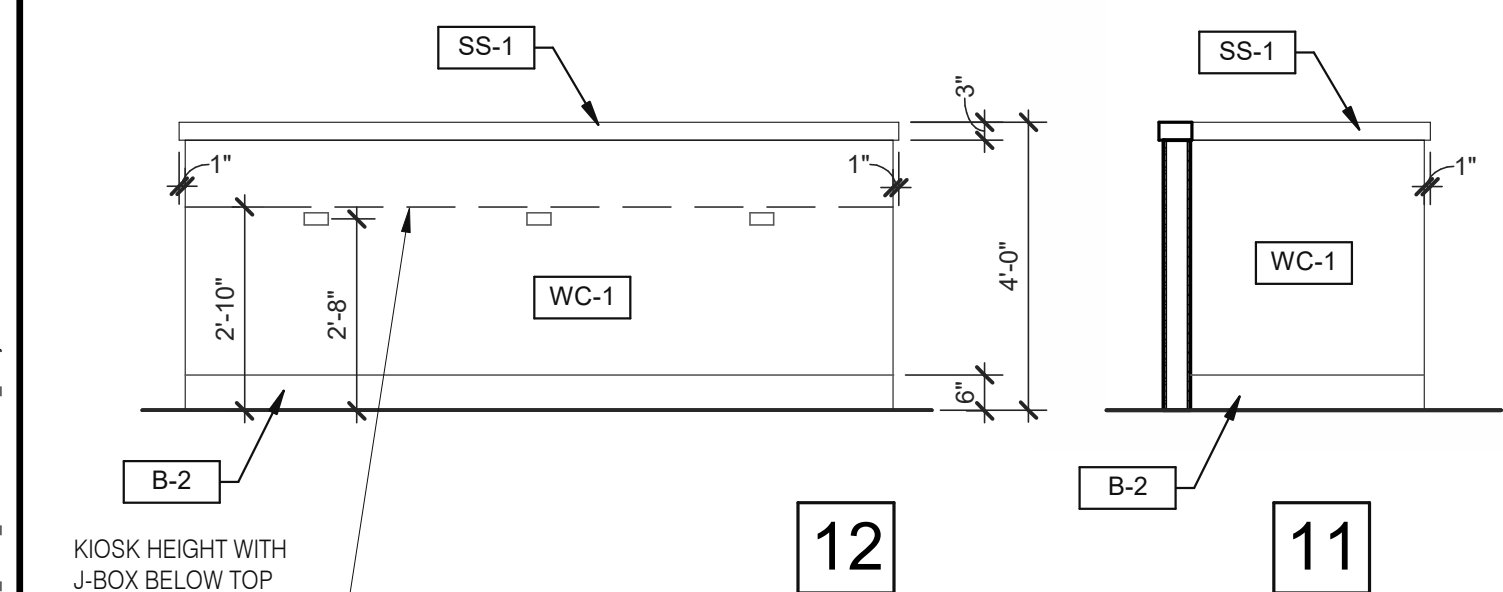


UTILITY 3/8" = 1'-0"

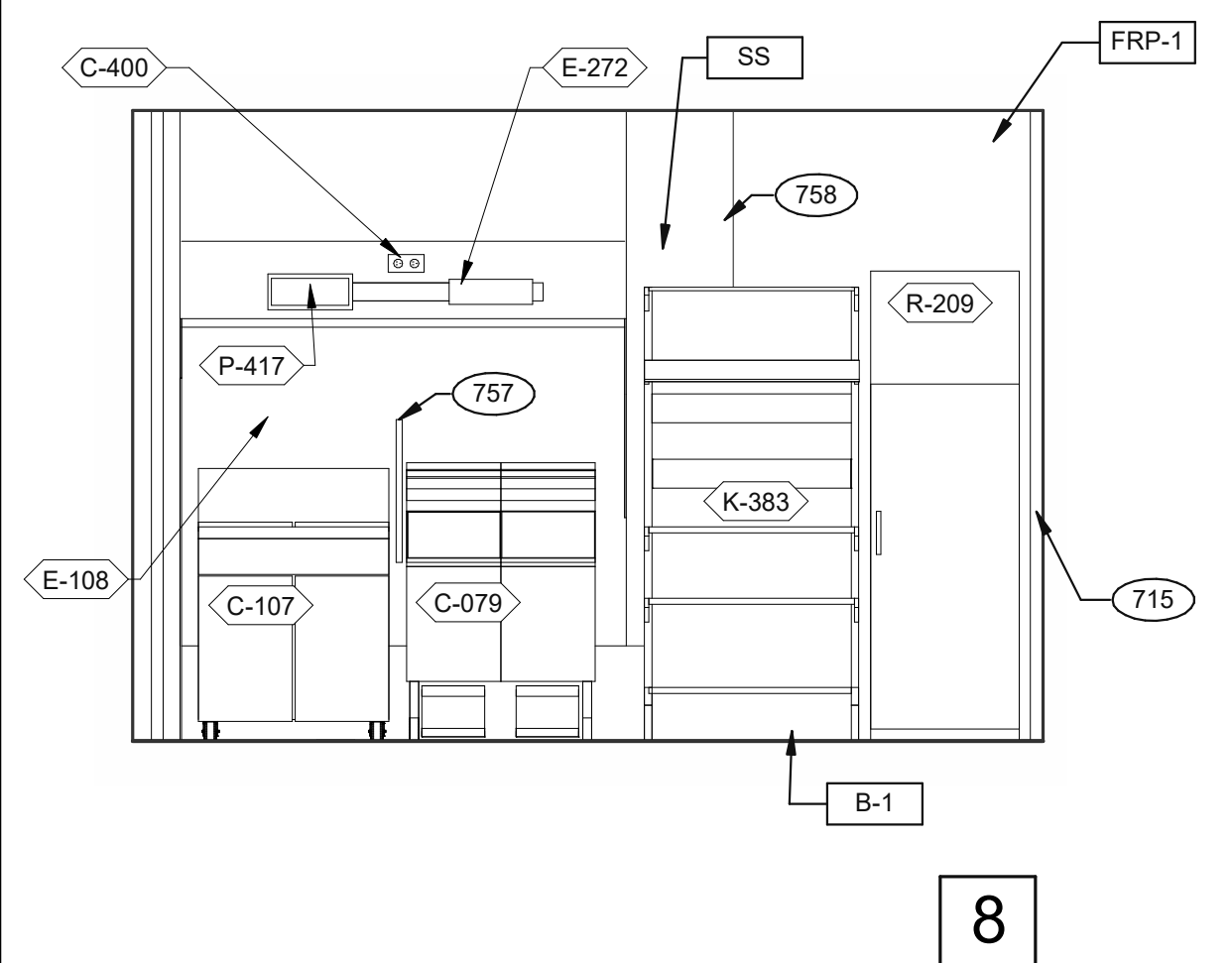
WARE WASHING 3/8" = 1'-0"

UTILITY 3/8" = 1'-0"

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



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



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

- KEY NOTES**
- 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 AND
 - 719 STAINLESS STEEL CLOSURE WITH FLASHING AND END CAP.
 - 751 STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES.
 - 753 DRIVE-THRU TIMER DISPLAY UNIT.
 - 755 HOLD-UP BUTTON.
 - 757 SPLASHGUARD. SEE DETAIL 9/A6.3.
 - 758 EDGE OF SS PANEL BEHIND HOOD.
 - 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.
 - 776 AUTOMATIC HAND SOAP AND SANITIZER DISPENSER BY ECO-LAB.

KEY NOTES

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END, MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: RS
 JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131

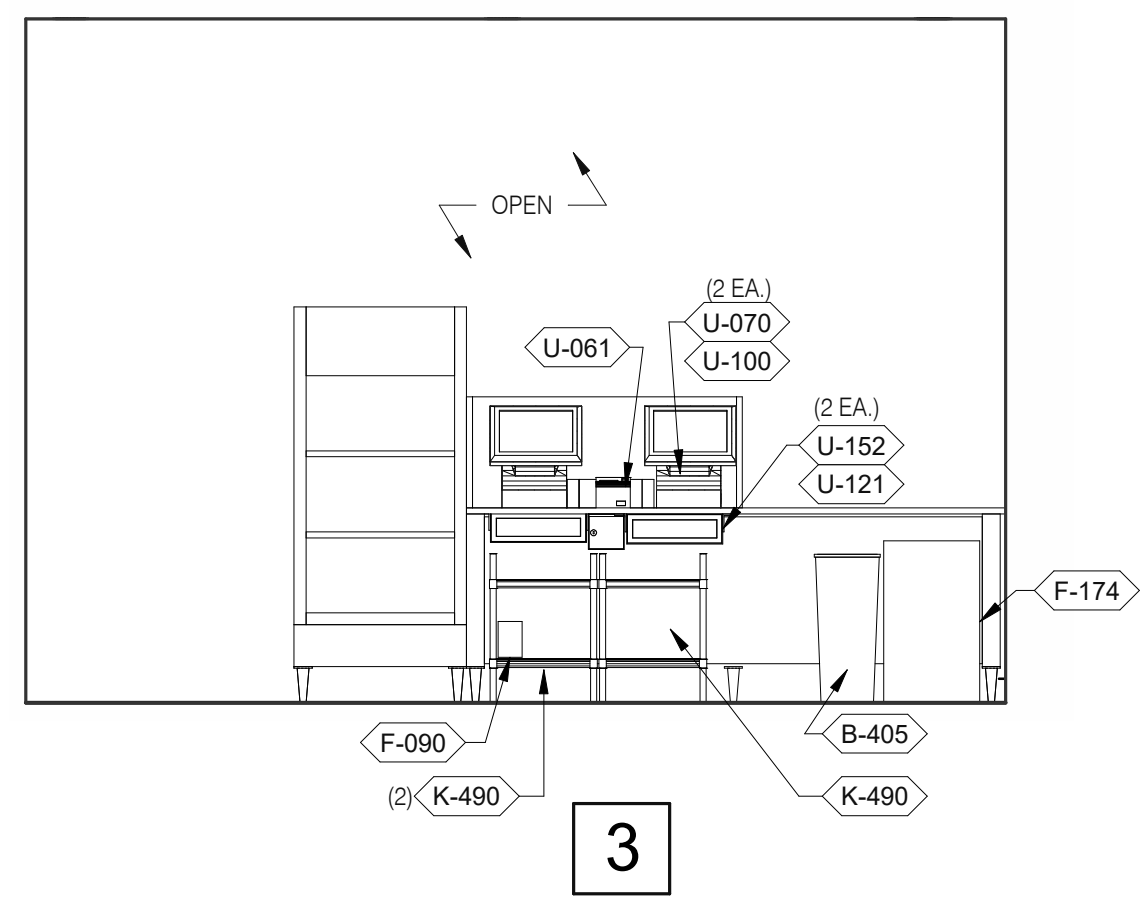


**ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN**

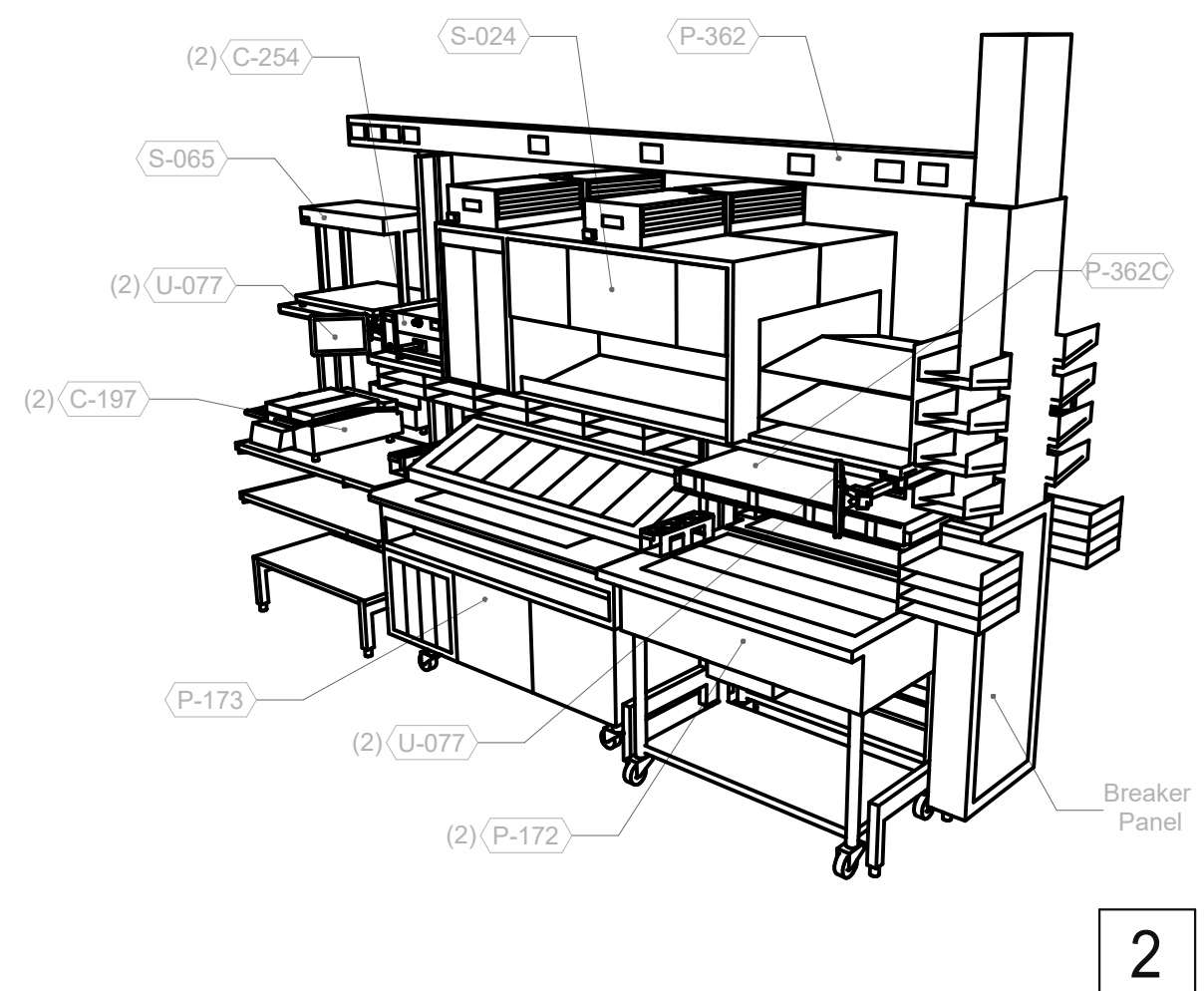
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PLOT DATE: 1/19/2022 11:09:01 AM

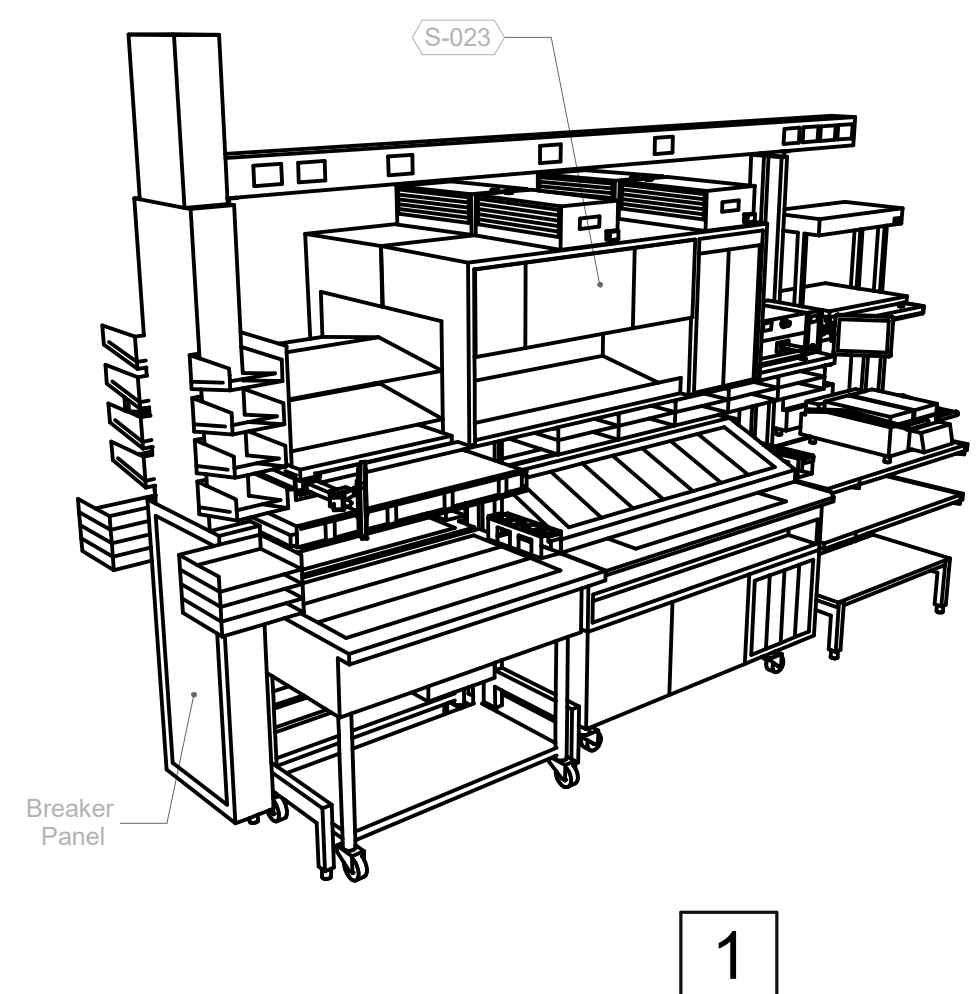
C:\Users\ramh\Documents\0275_ARCH_S\025-Franklin_IN_Budget1.rvt



SERVING 3/8" = 1'-0"

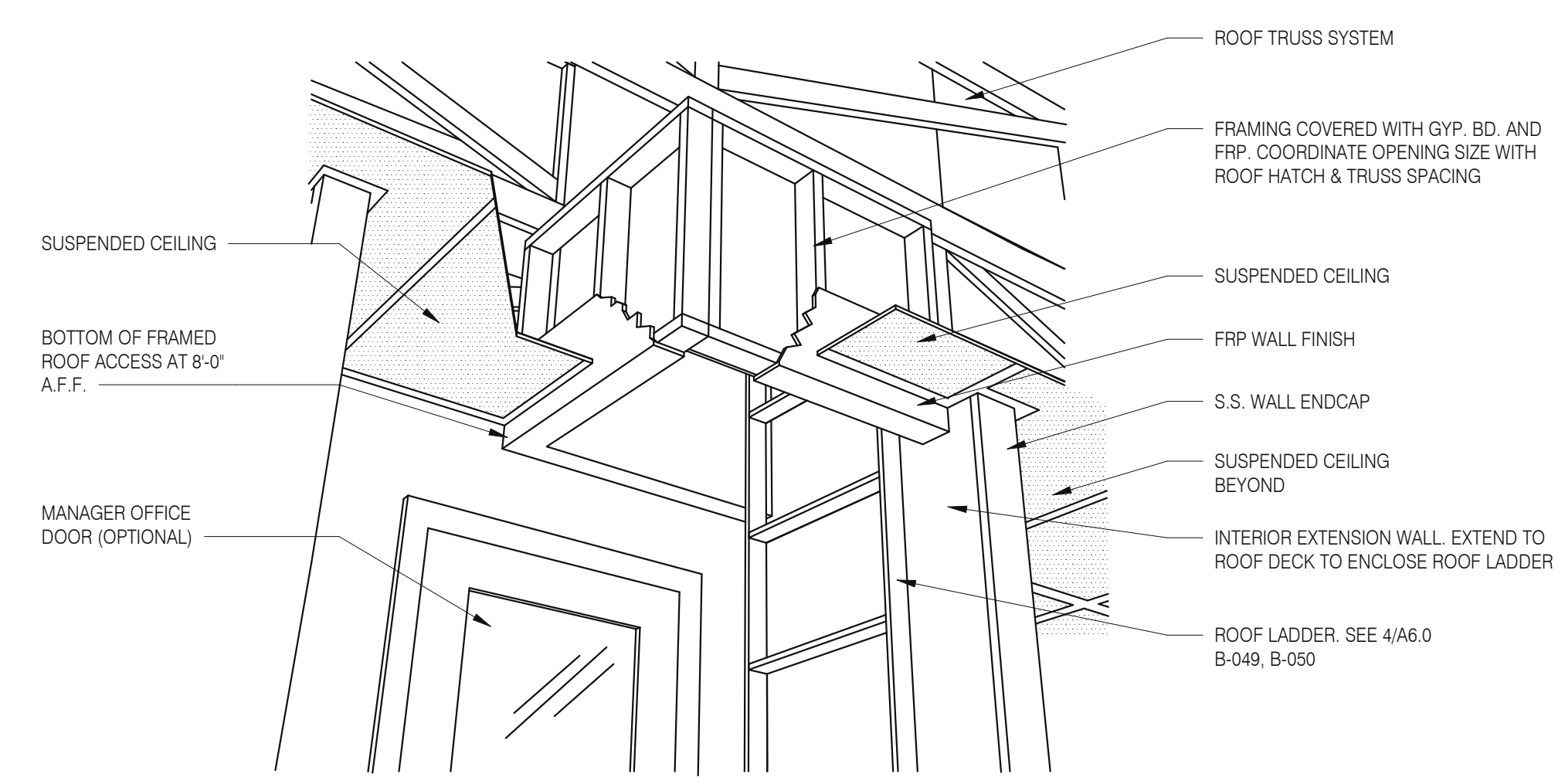


2

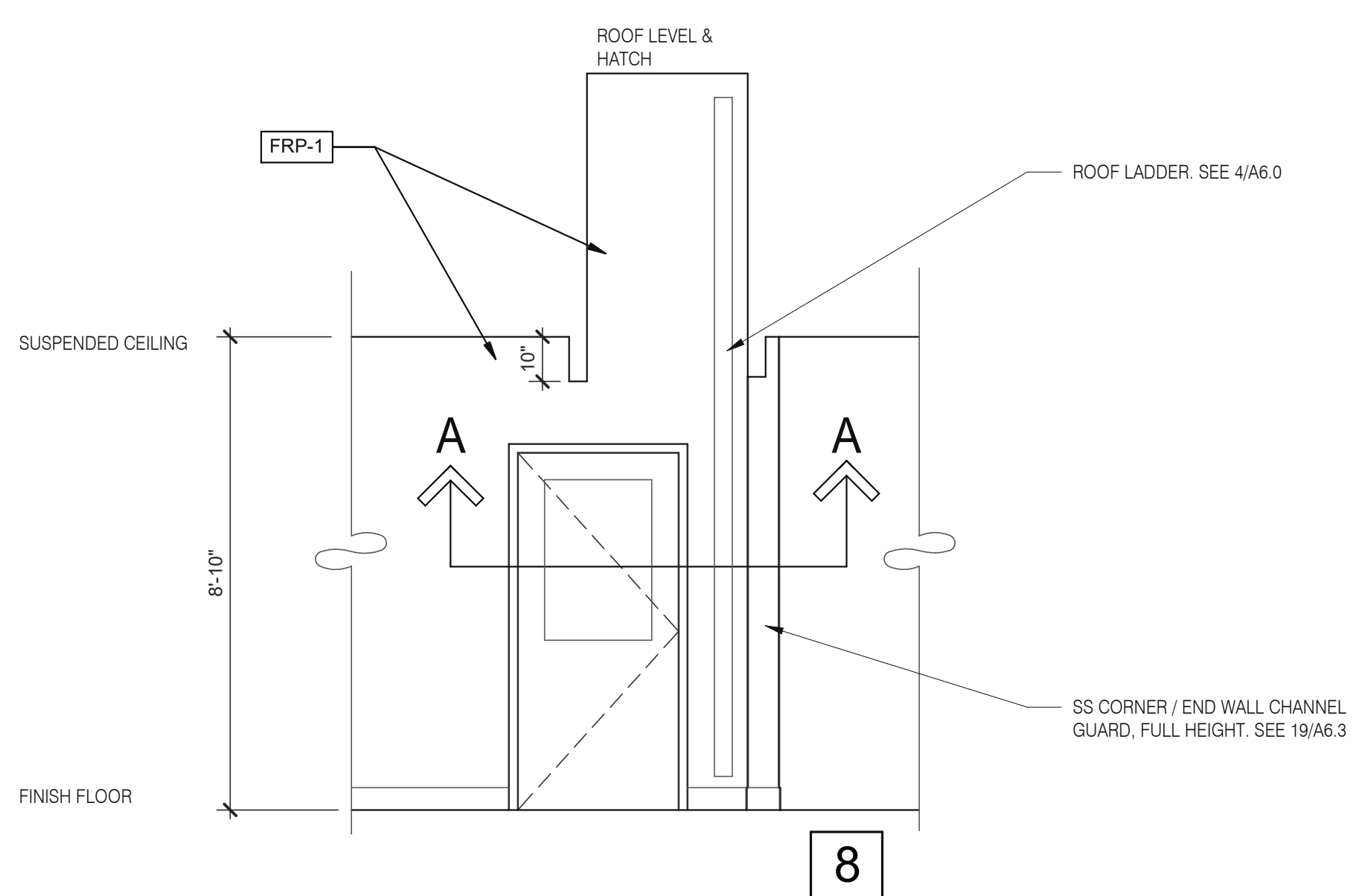


1

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

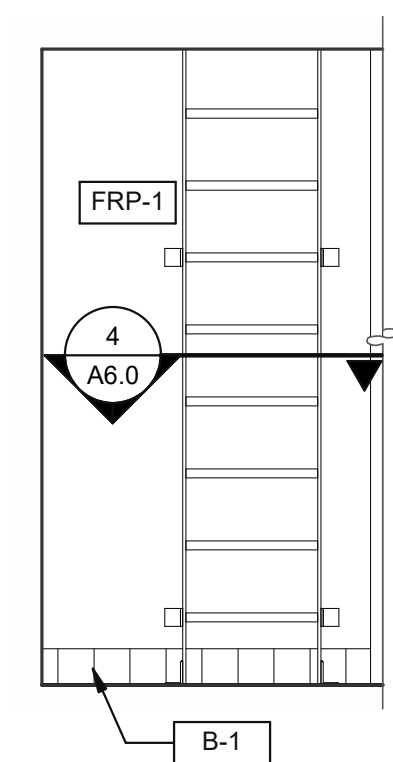


A - ROOF LADDER VIEW



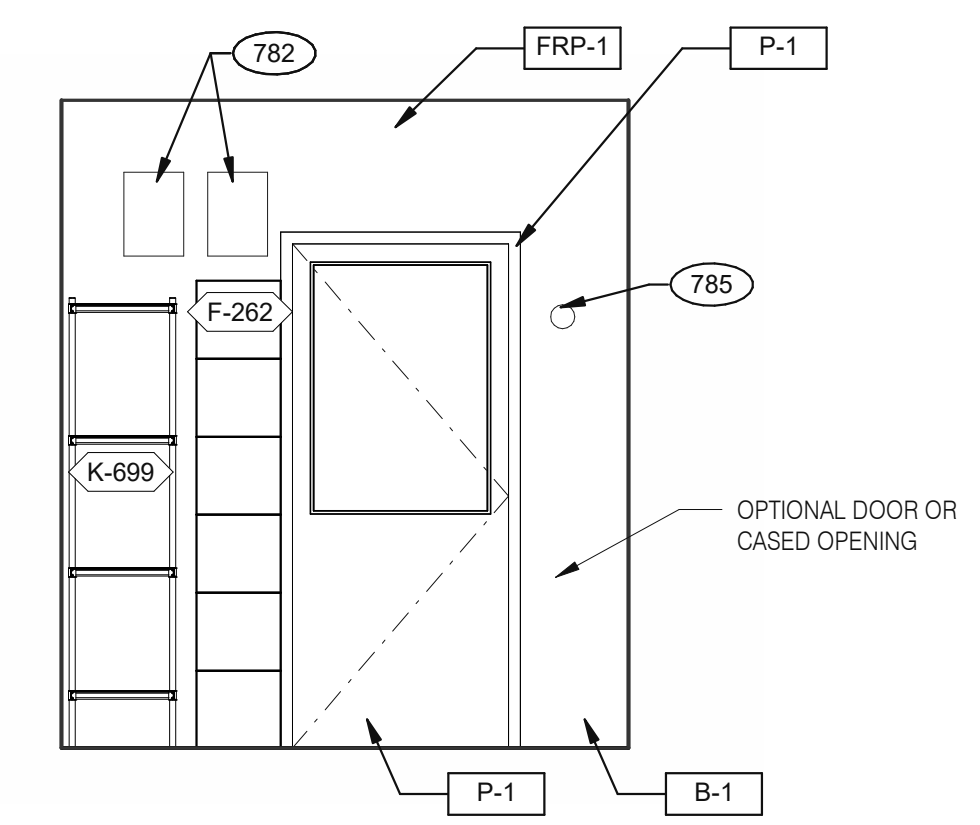
8

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



6

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



5

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

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 FRANKLIN, IN 46131

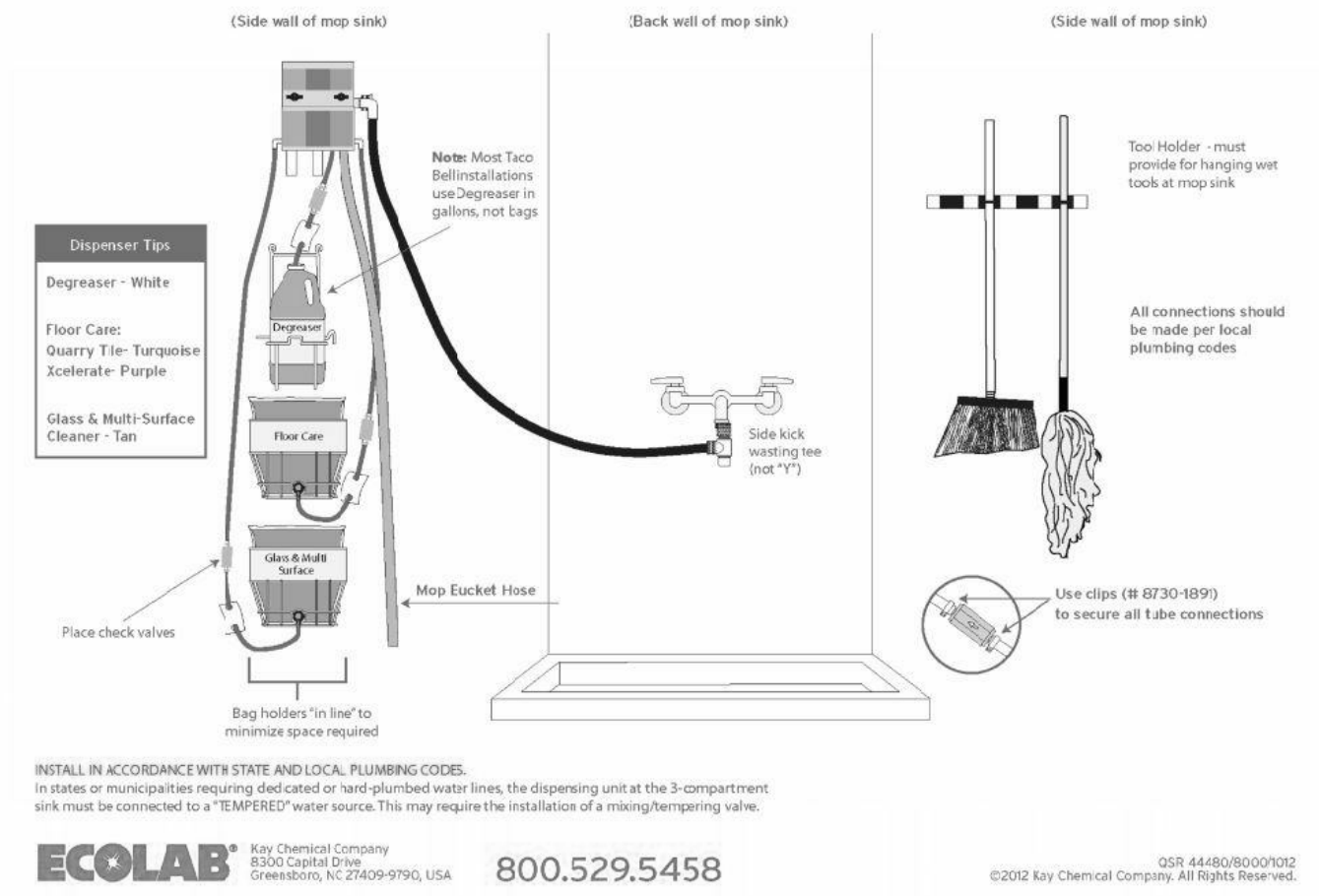


**ENDEAVOR 2.0
 INTERIOR
 ELEVATIONS
 KITCHEN**

A8.3

PLOT DATE: 1/19/2022 11:09:05 AM

Taco Bell Mop Sink Installation



INSTALL IN ACCORDANCE WITH STATE AND LOCAL PLUMBING CODES.
 In states or municipalities requiring dedicated or hard plumbed water lines, the dispensing unit at the 3-compartment sink must be connected to a "TEMPERED" water source. This may require the installation of a mixing/tempering valve.
ECOLAB Key Chemical Company 8300 Capital Drive Greenwood, IN 47130-9790, USA 800.529.5458
 QSR 44-980/80007002 ©2002 Key Chemical Company. All Rights Reserved.

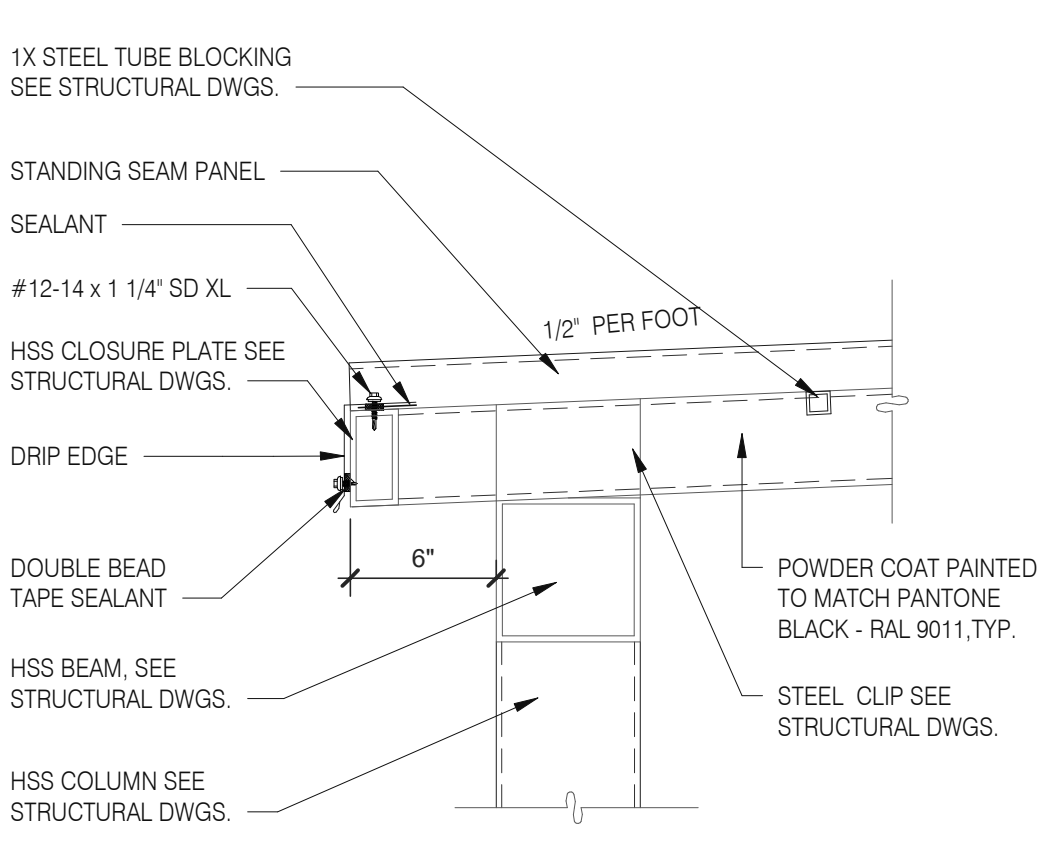
MOP SINK INSTALLATION **C**

782 FAN MOTOR STARTERS, SURFACE MOUNTED, TYP. OF 2.
 785 TEMPERATURE SENSOR, SEE MECHANICAL DRAWINGS.

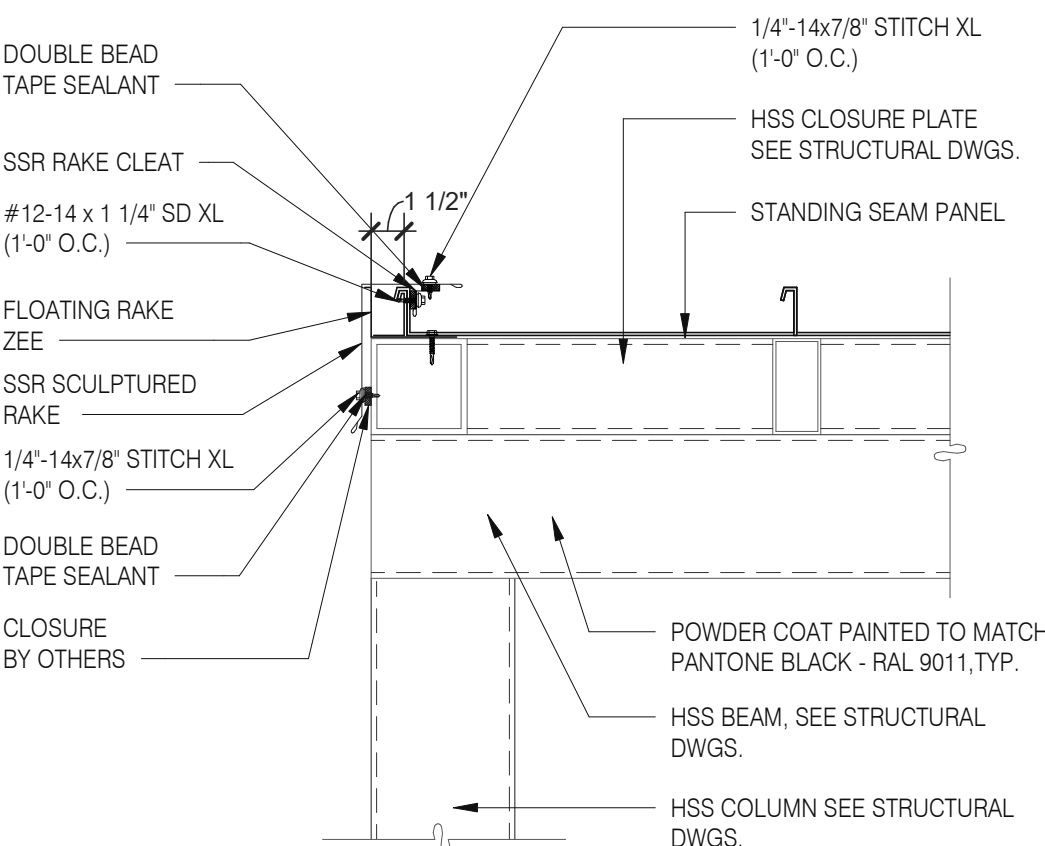
KEYNOTE **A**



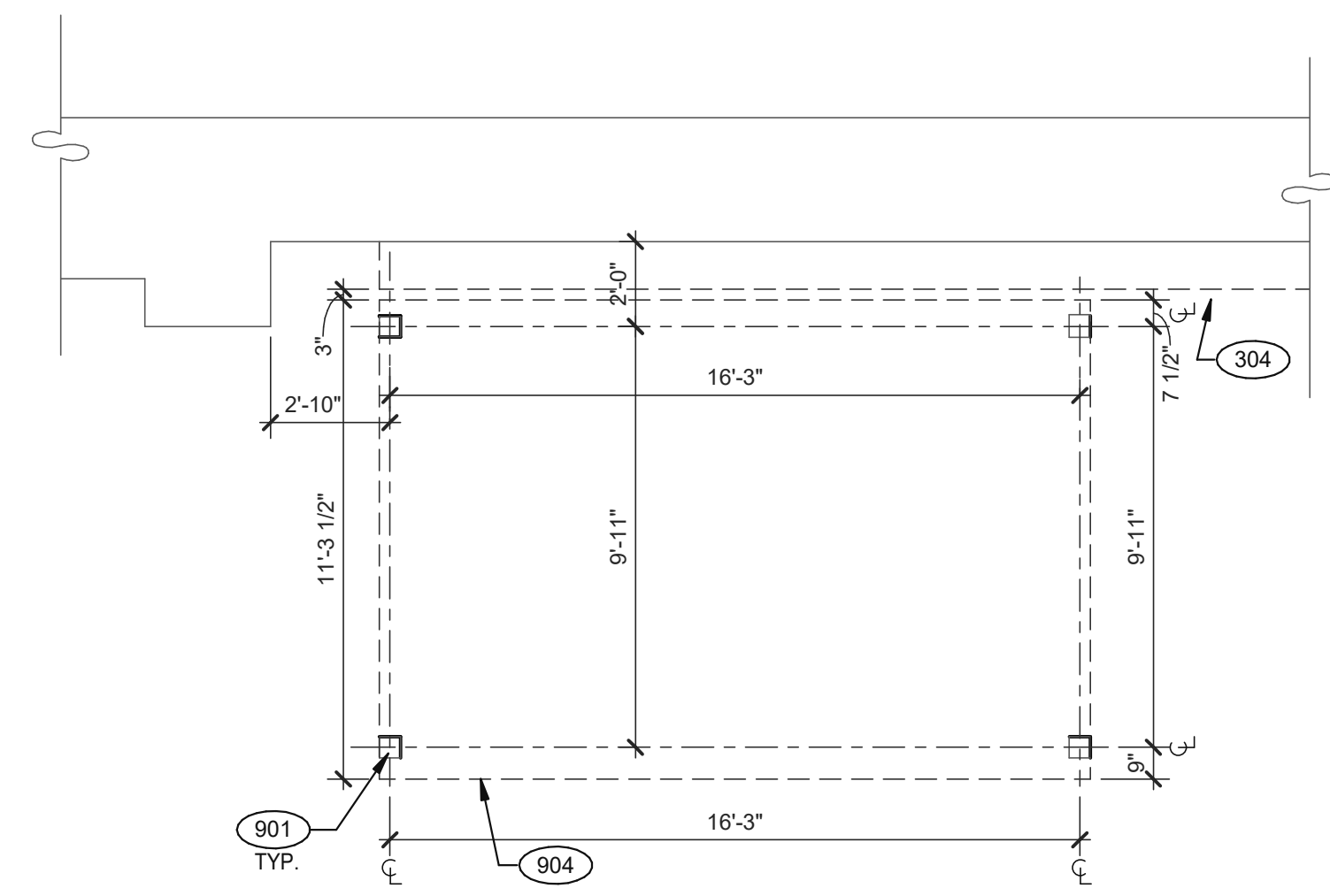
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



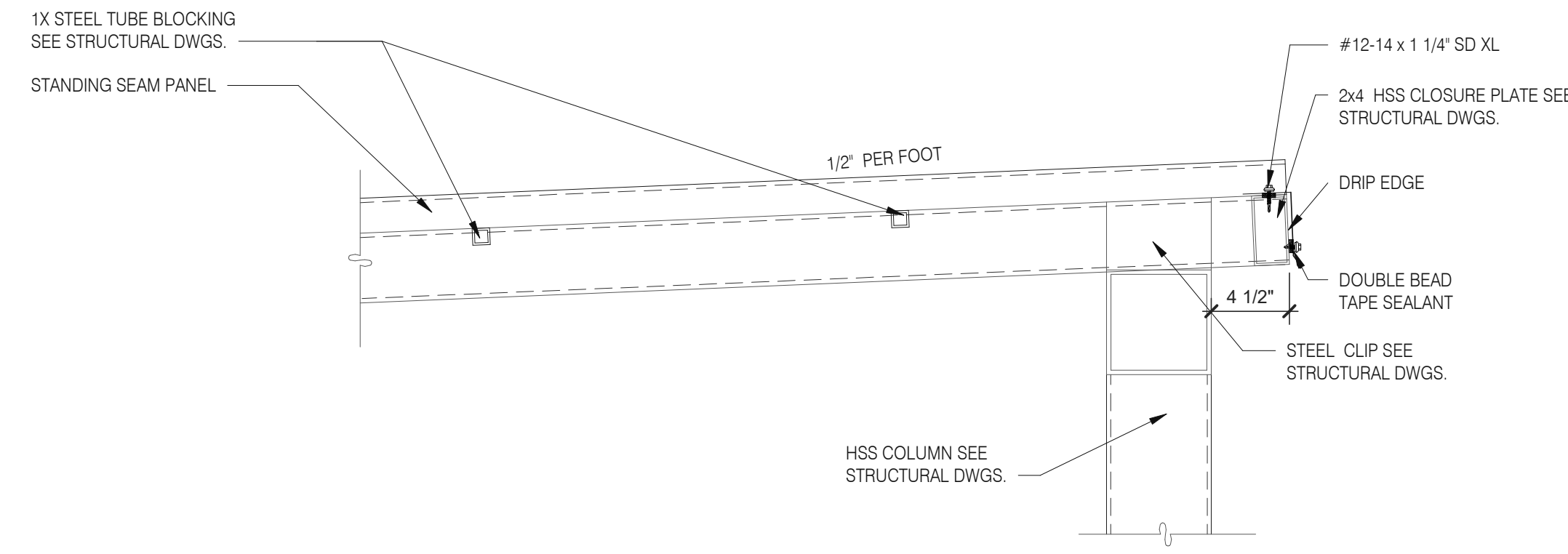
STANDING SEAM DETAIL @ FRONT 1/2" = 1'-0" **3**



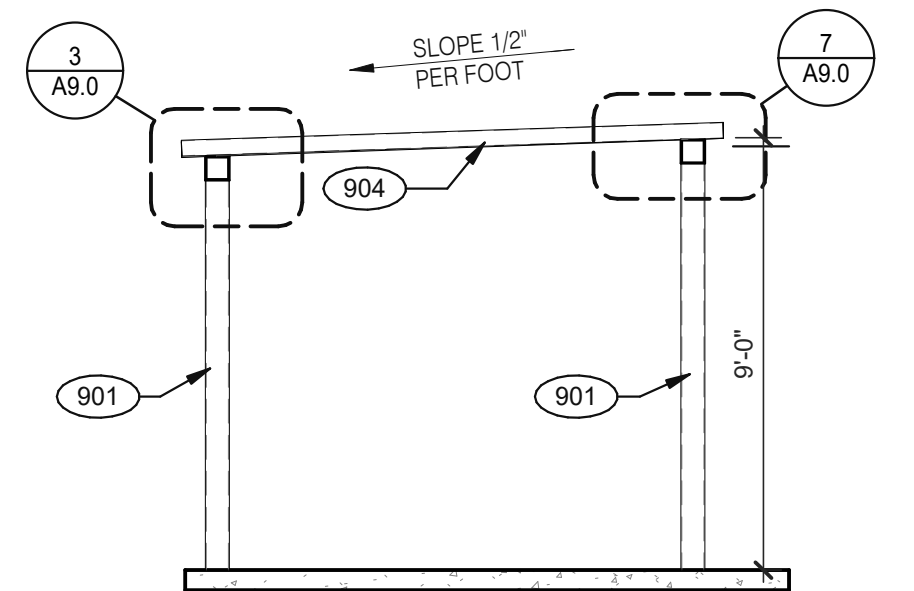
STANDING SEAM DETAIL @ EDGE 1/2" = 1'-0" **4**



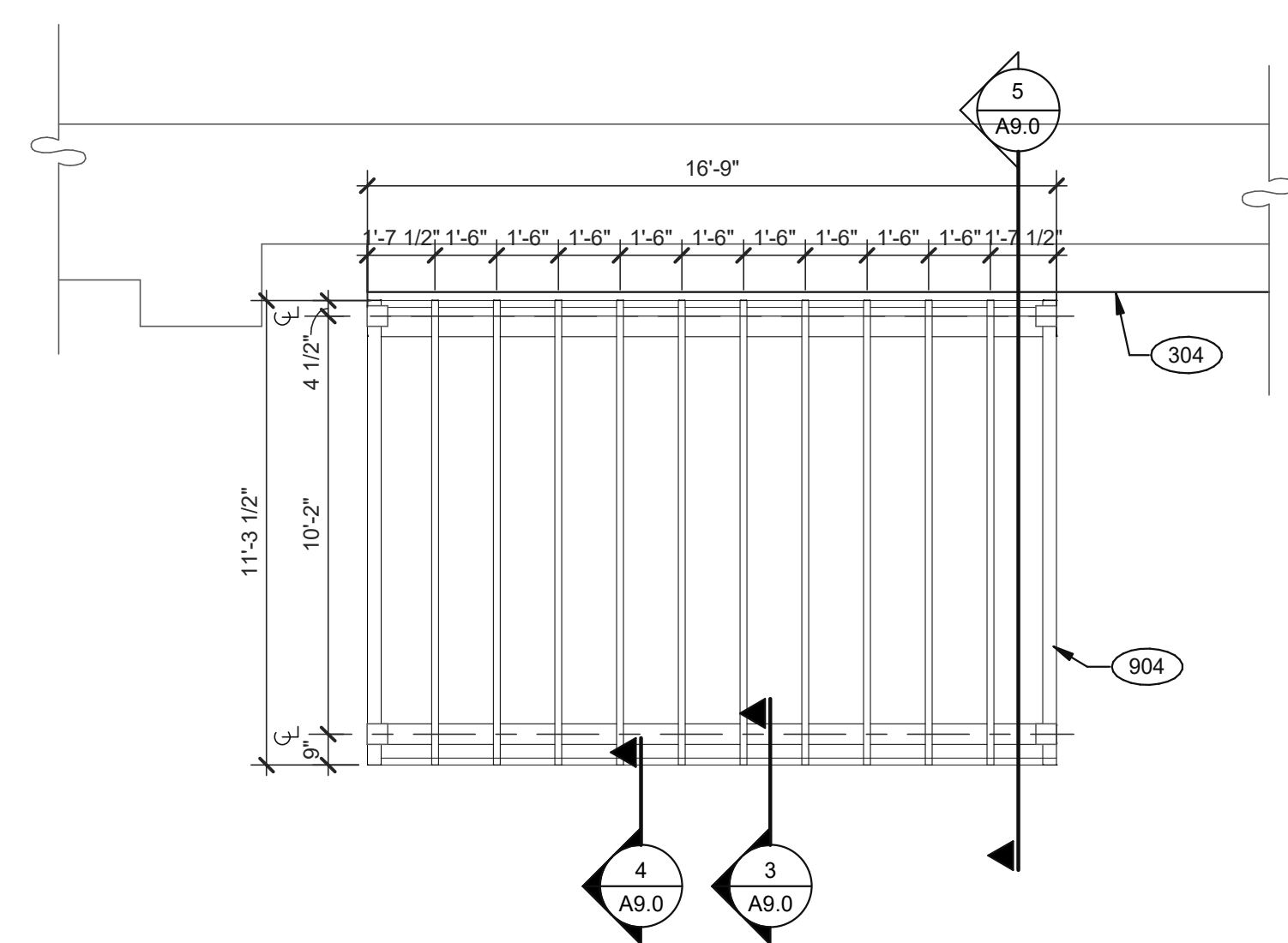
PATIO PLAN 1/4" = 1'-0" **1**



STANDING SEAM AT CANTILEVER 1/2" = 1'-0" **7**



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



PATIO ROOF PLAN 1/4" = 1'-0" **2**

KEYNOTES:

- 304 CANOPY, BY SIGNAGE VENDOR. SEE SCOPE OF WORK.
- 901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.
- 904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

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SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.:
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 PATIO DETAILS

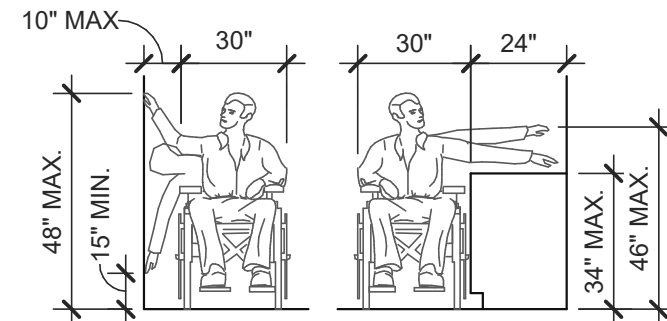
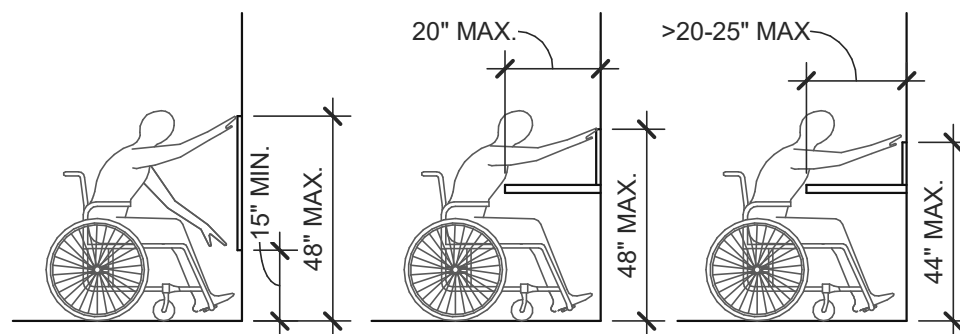
A9.0



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330.572.2100 FAX: 330.572.2102

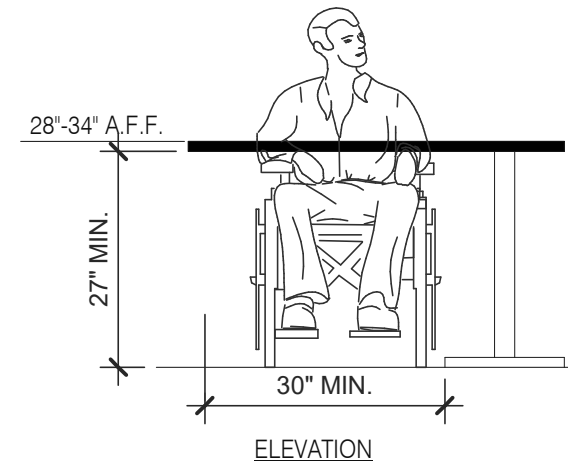
TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS



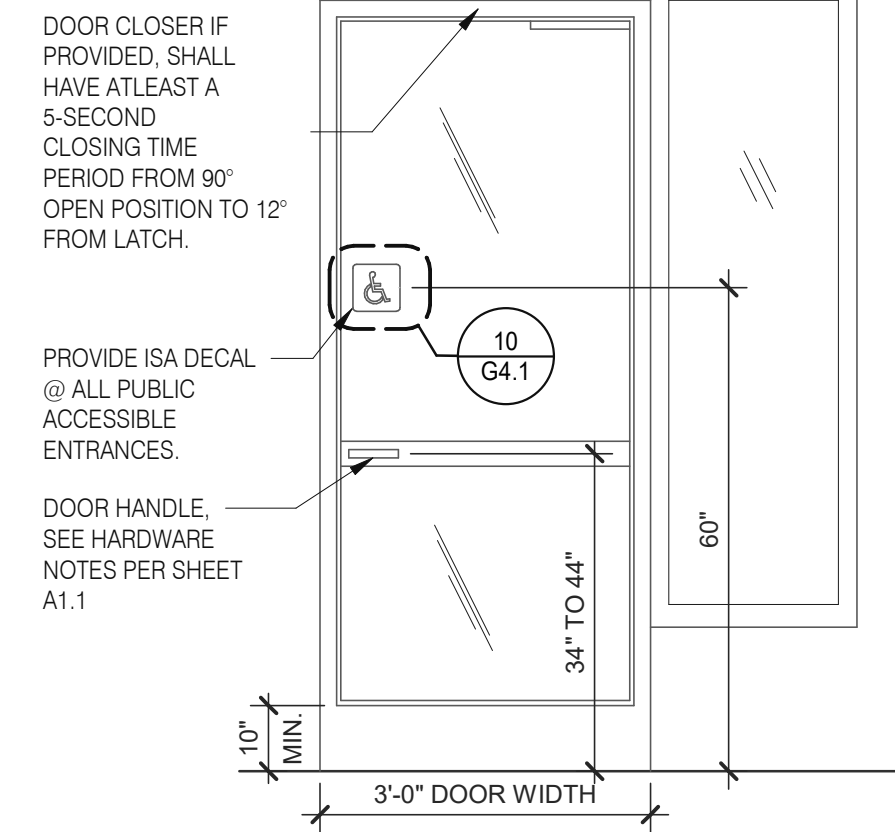
SIDE APPROACH

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



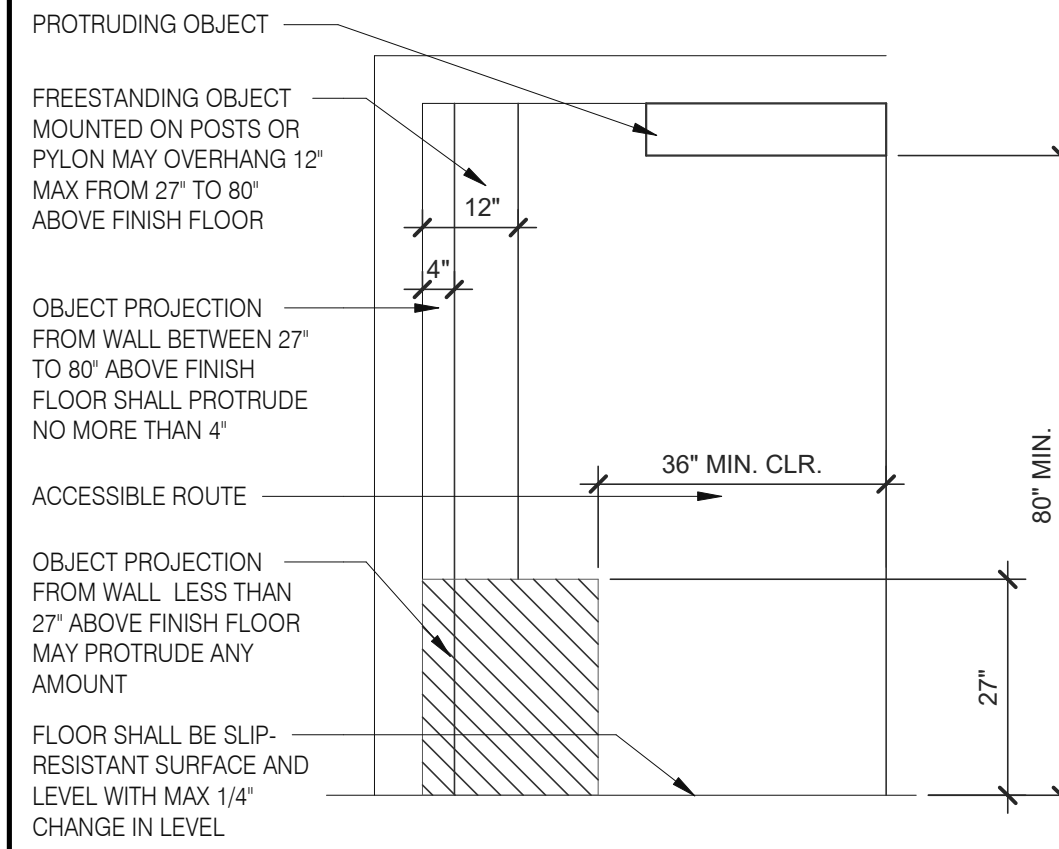
ELEVATION

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



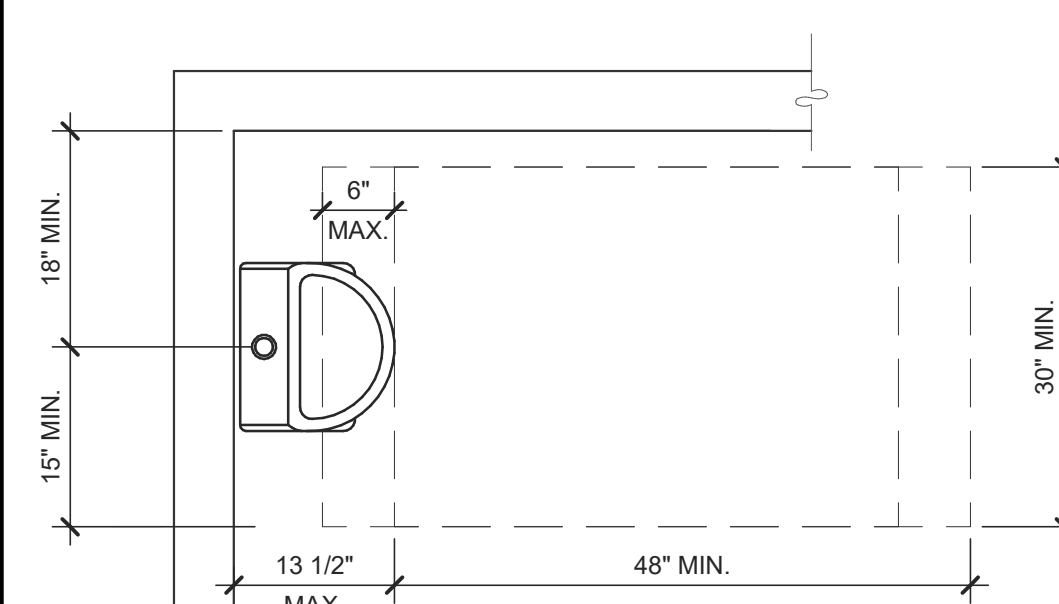
DOOR CLOSER IF PROVIDED, SHALL HAVE AT LEAST A 5-SECOND CLOSING TIME PERIOD FROM 90° OPEN POSITION TO 12° FROM LATCH.
PROVIDE ISA DECAL @ ALL PUBLIC ACCESSIBLE ENTRANCES.
DOOR HANDLE, SEE HARDWARE NOTES PER SHEET A1.1

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

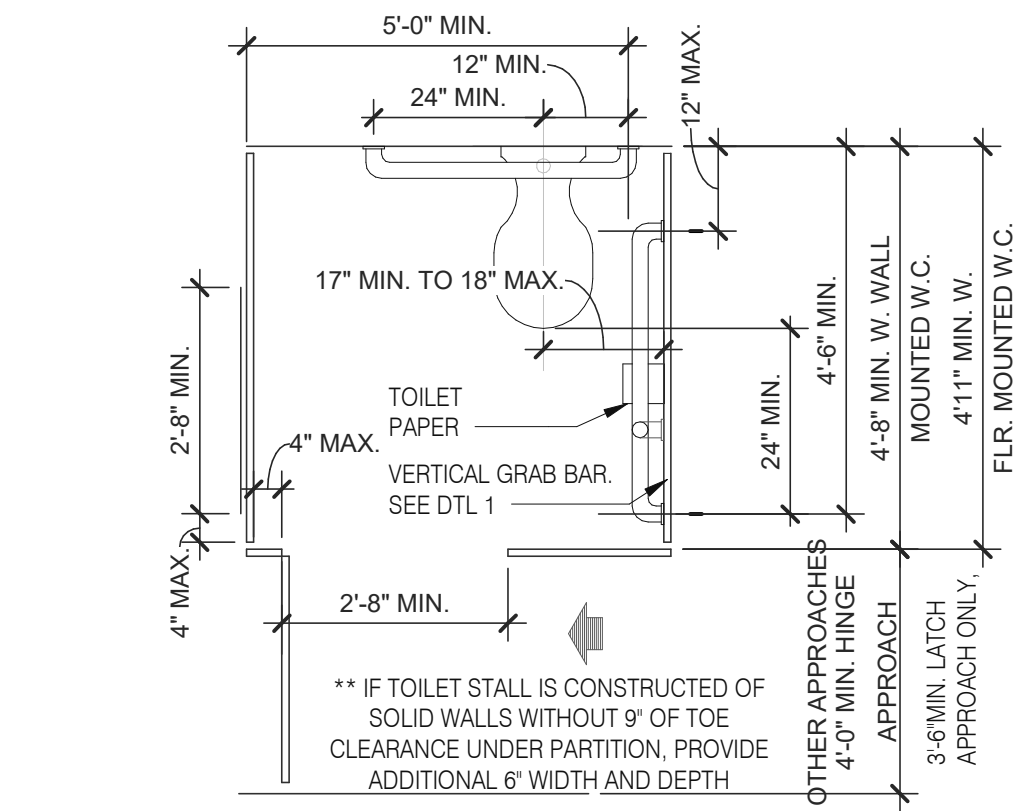


PROTRUDING OBJECT
FREESTANDING OBJECT MOUNTED ON POSTS OR PYLON MAY OVERHANG 12" MAX FROM 27" TO 80" ABOVE FINISH FLOOR
OBJECT PROJECTION FROM WALL BETWEEN 27" TO 80" ABOVE FINISH FLOOR SHALL PROTRUDE NO MORE THAN 4"
ACCESSIBLE ROUTE
OBJECT PROJECTION FROM WALL LESS THAN 27" ABOVE FINISH FLOOR MAY PROTRUDE ANY AMOUNT
FLOOR SHALL BE SLIP-RESISTANT SURFACE AND LEVEL WITH MAX 1/4" CHANGE IN LEVEL

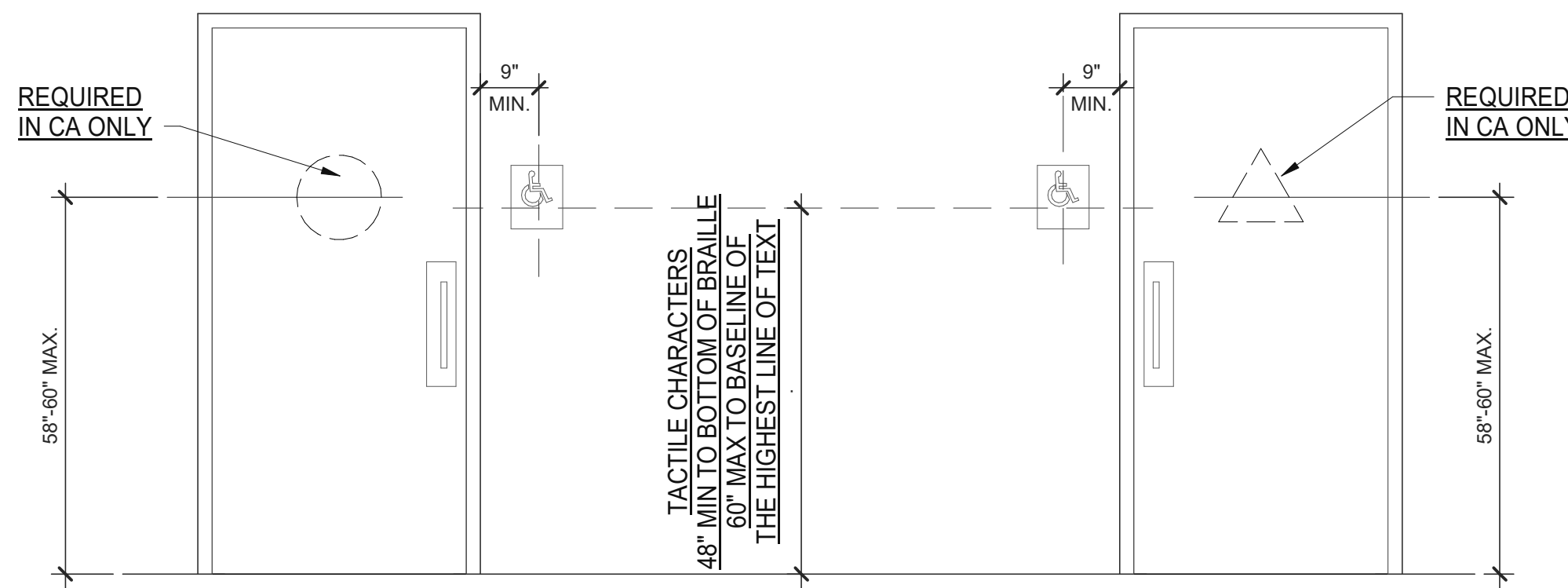
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



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



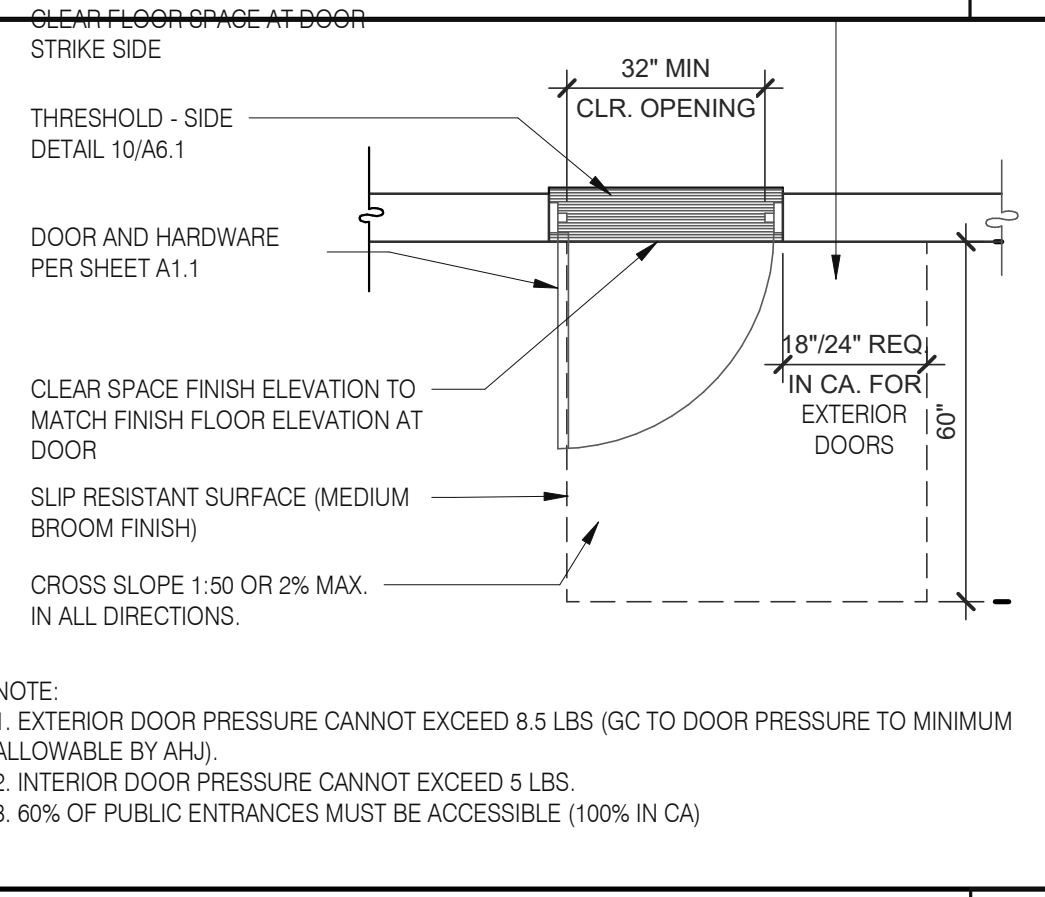
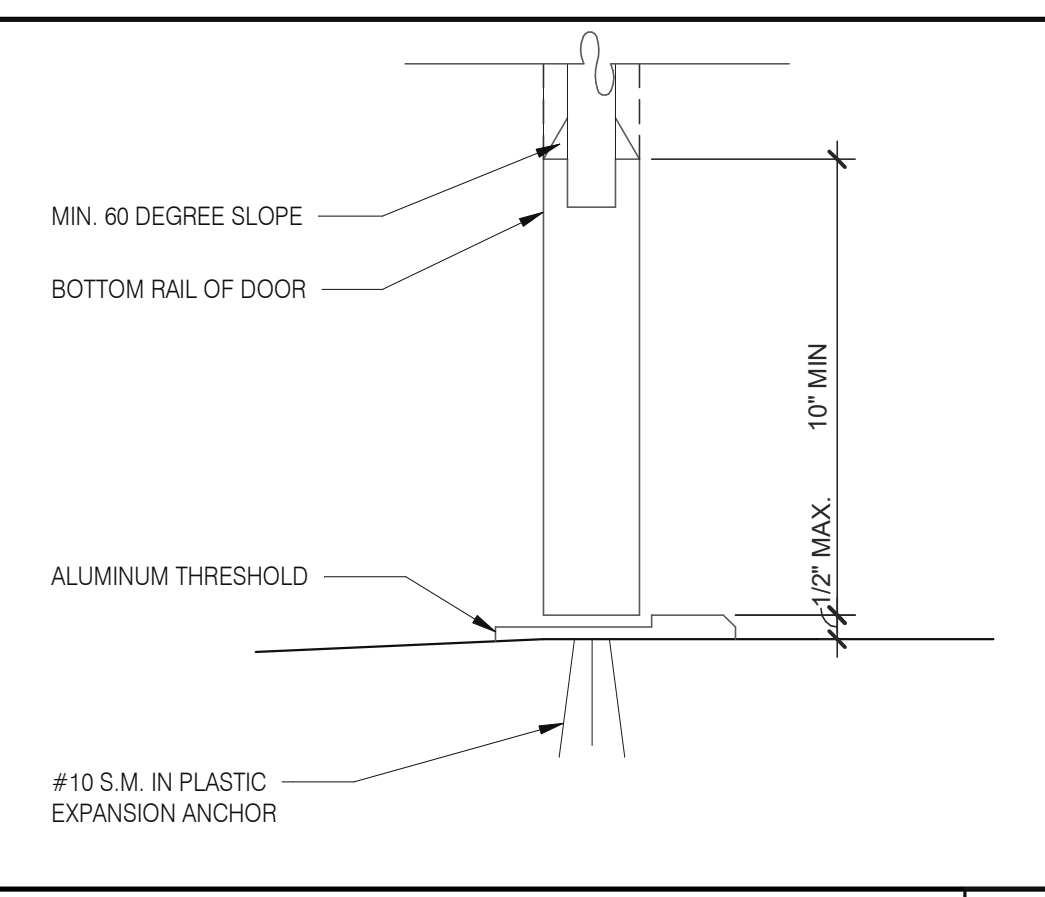
STANDARD TOILET STALL 1/2" = 1'-0" **2**



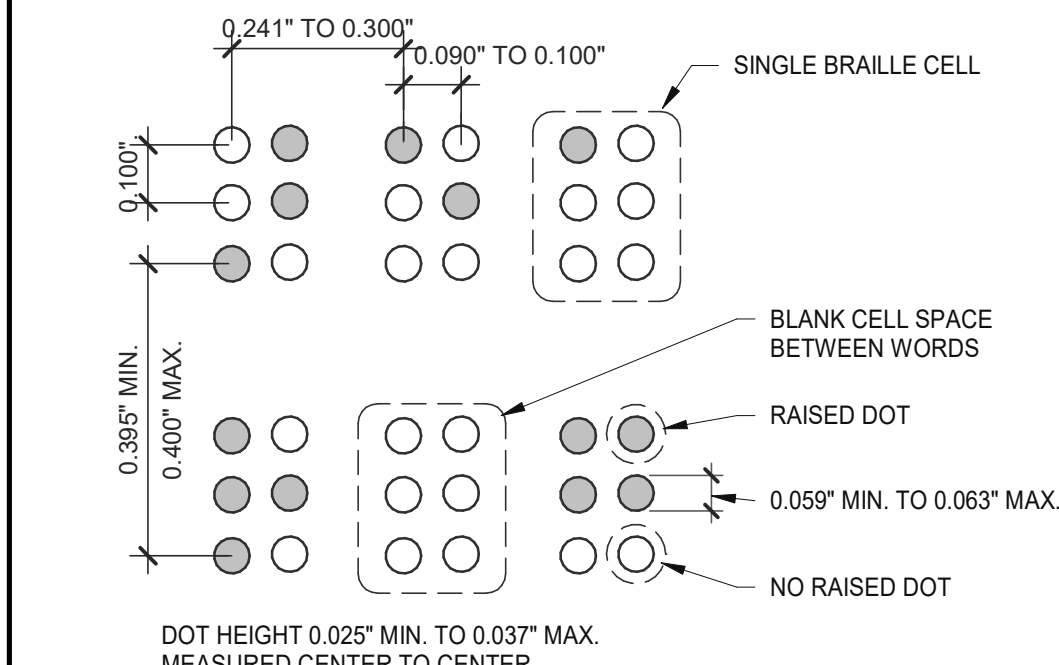
TACTILE CHARACTERS
48" MIN TO BOTTOM OF BRAILLE
60" MAX TO BASELINE OF THE HIGHEST LINE OF TEXT

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

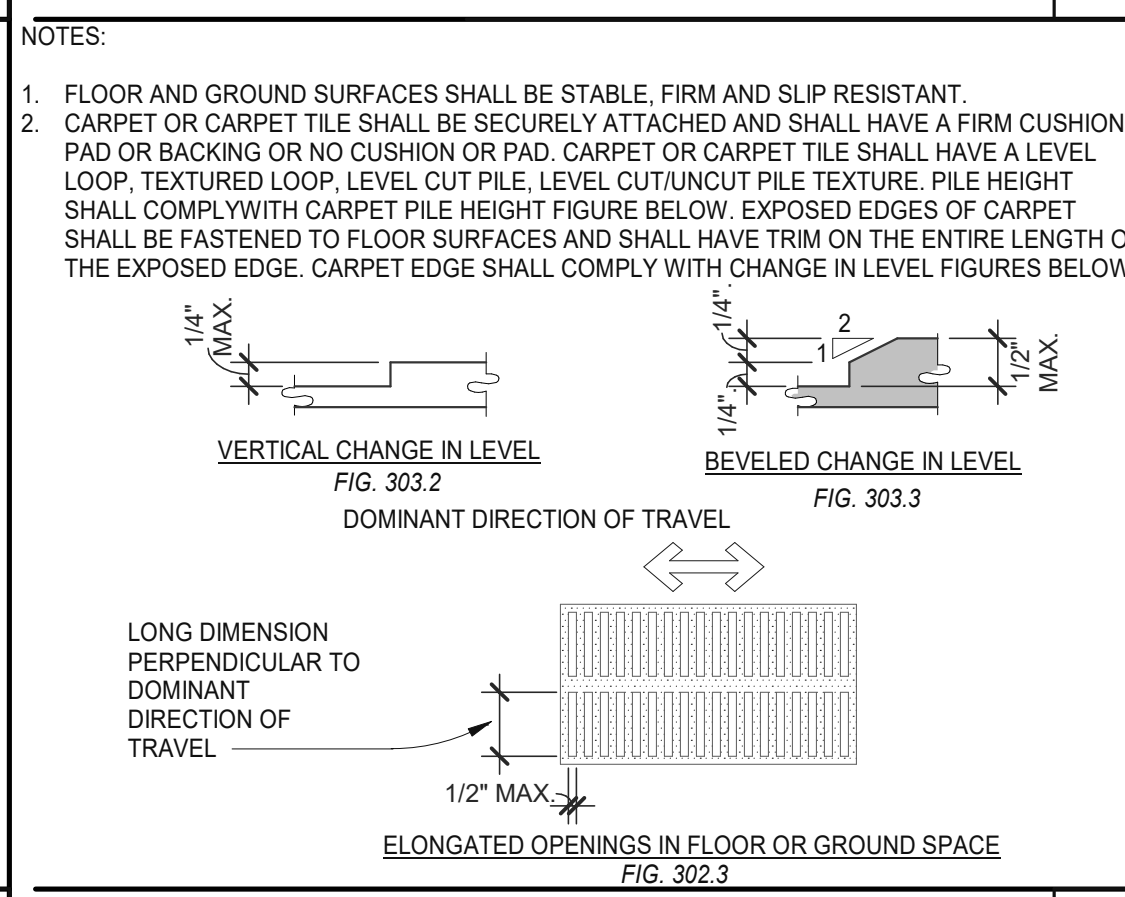
ACCESSIBLE RESTROOM DOORS 1/2" = 1'-0" **15**



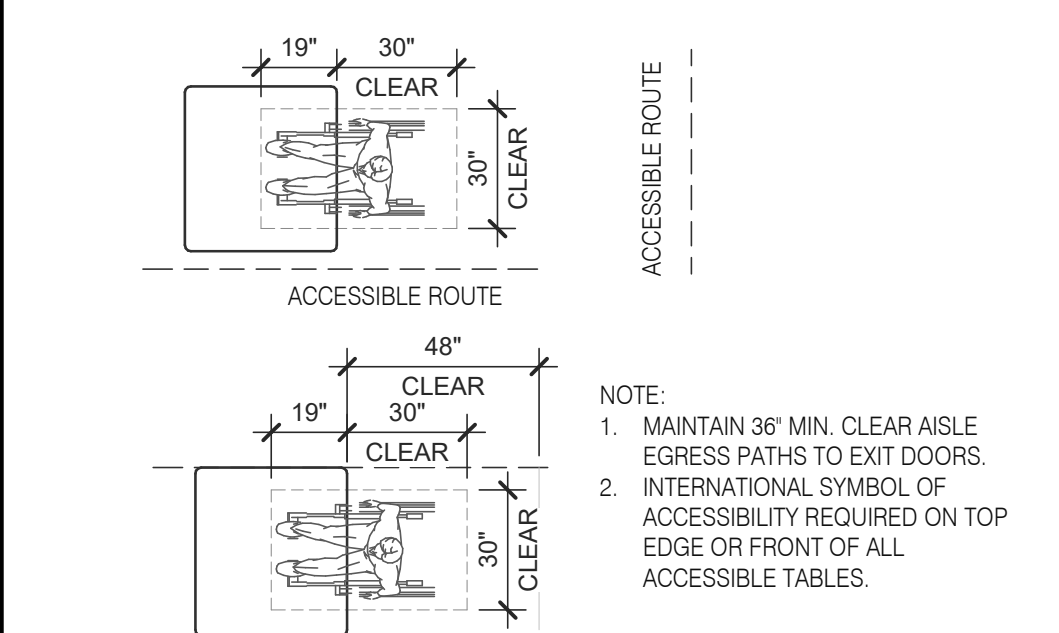
EXTERIOR DOOR REQUIREMENTS 3/8" = 1'-0" **16**



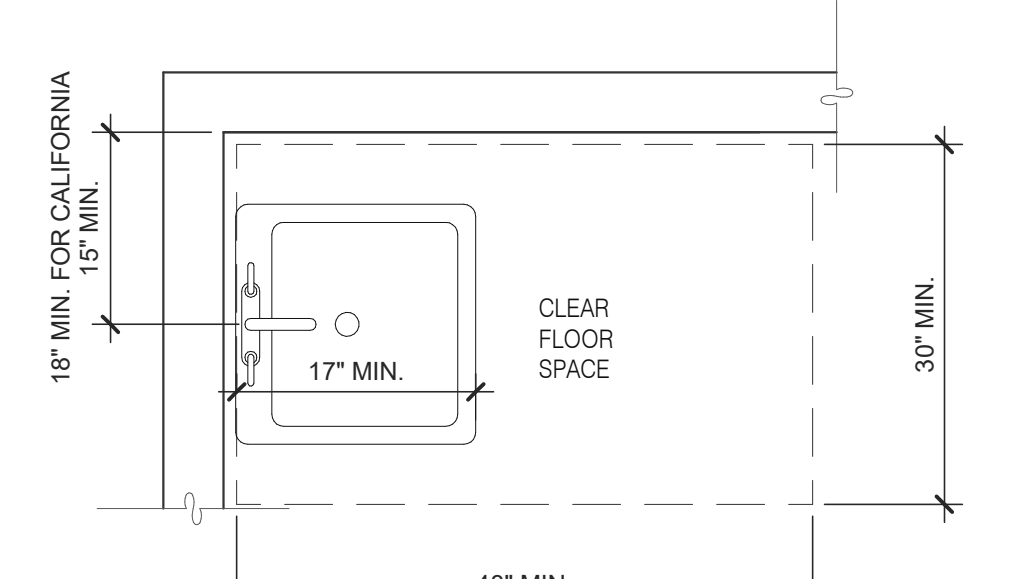
BRAILLE MEASUREMENT 1/4" = 1'-0" **11**



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



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



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

1. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.
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**

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TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

ADA1.0

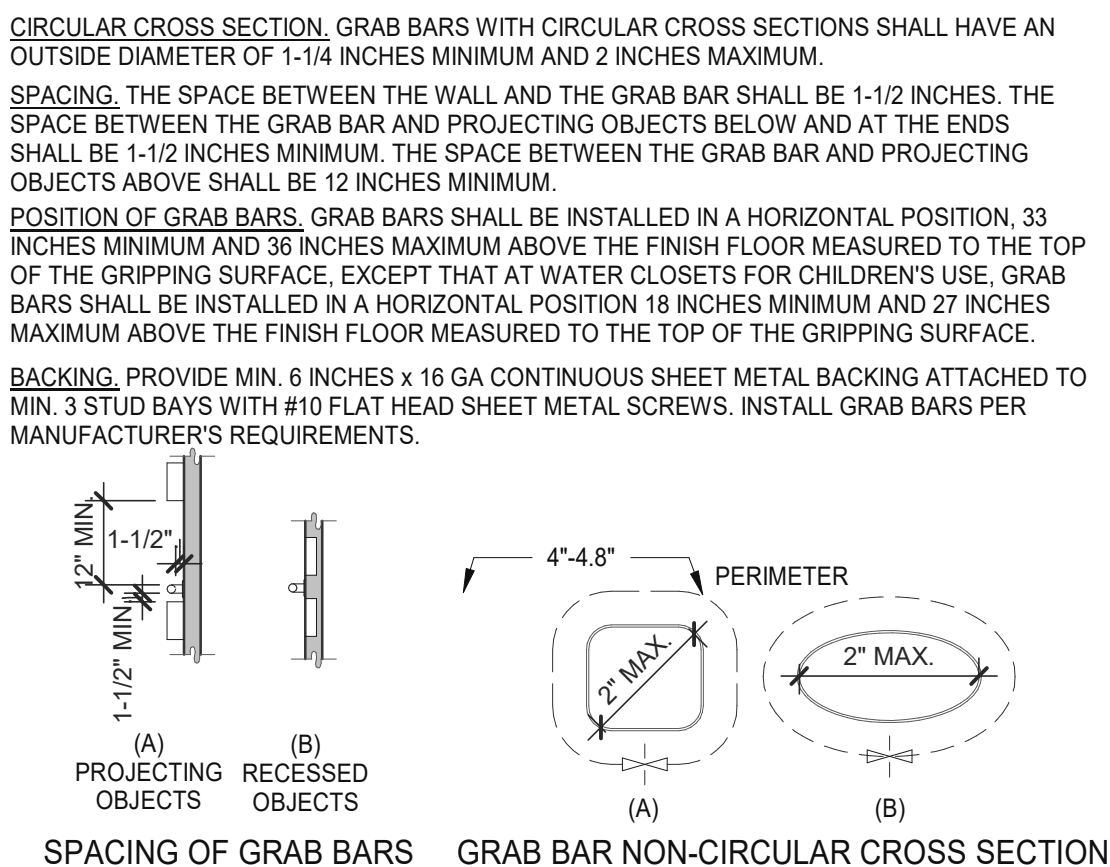
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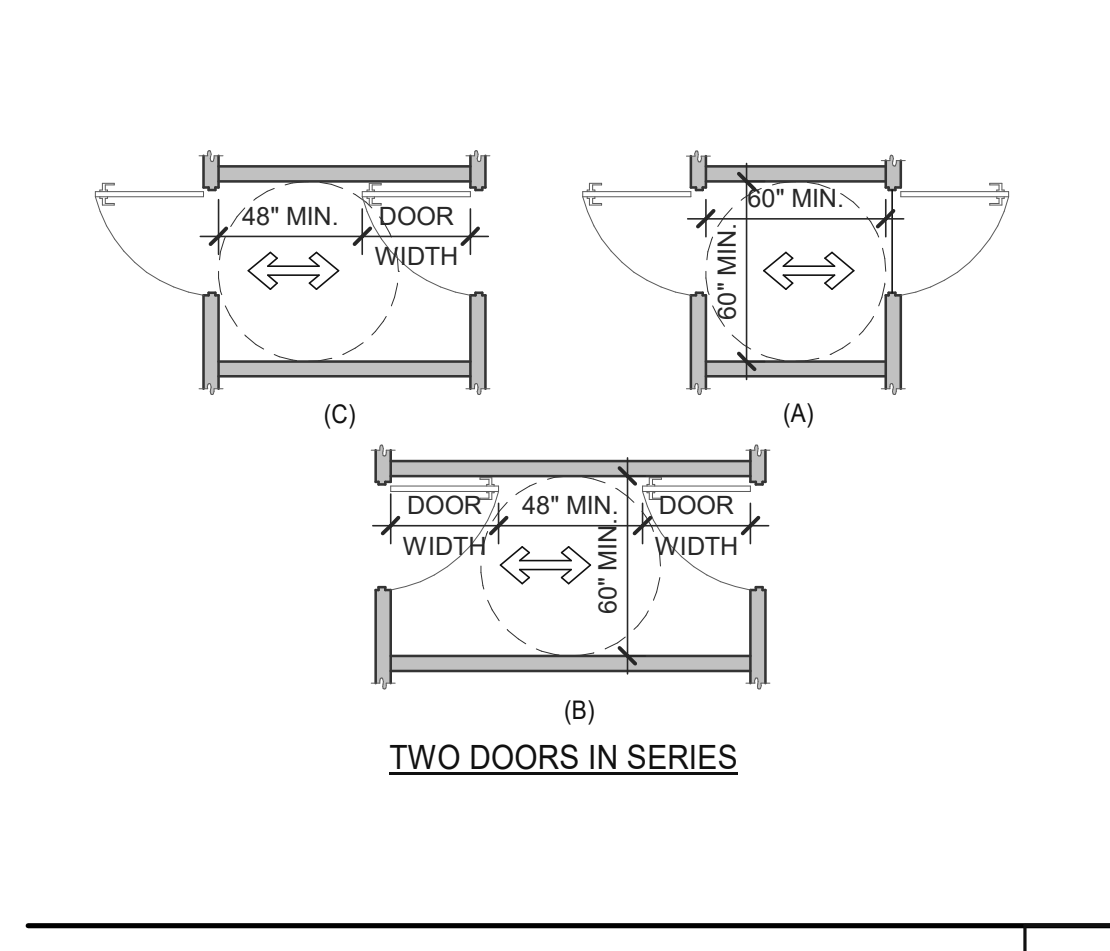
520 S. MAIN STREET, SUIT 2531
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330.572.2100 FAX: 330.572.2102

ACCESSIBILITY NOTES

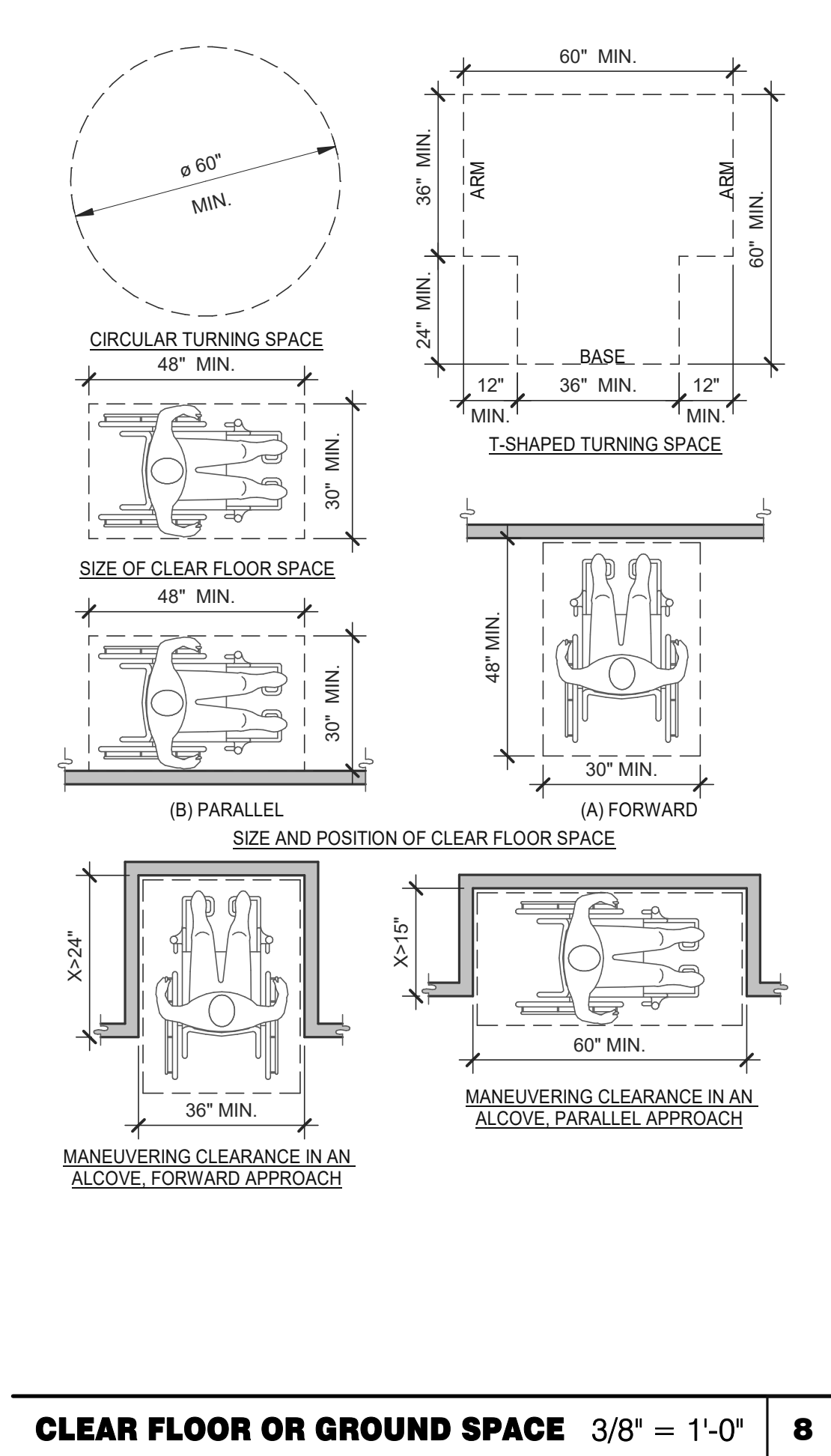
- "THE ACCESSIBILITY GUIDELINES AND CODES" MENTIONED BELOW REFER TO ALL APPLICABLE LOCAL/STATE BUILDING CODES REFERENCED ON THE PROJECT DATA SHEET OF THIS SET IN ADDITION TO THE FEDERAL REQUIREMENTS OF THE ADA (THE AMERICANS WITH DISABILITIES ACT).
- DETAILS ON THIS SHEET ARE FOR REFERENCE ONLY. REFER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



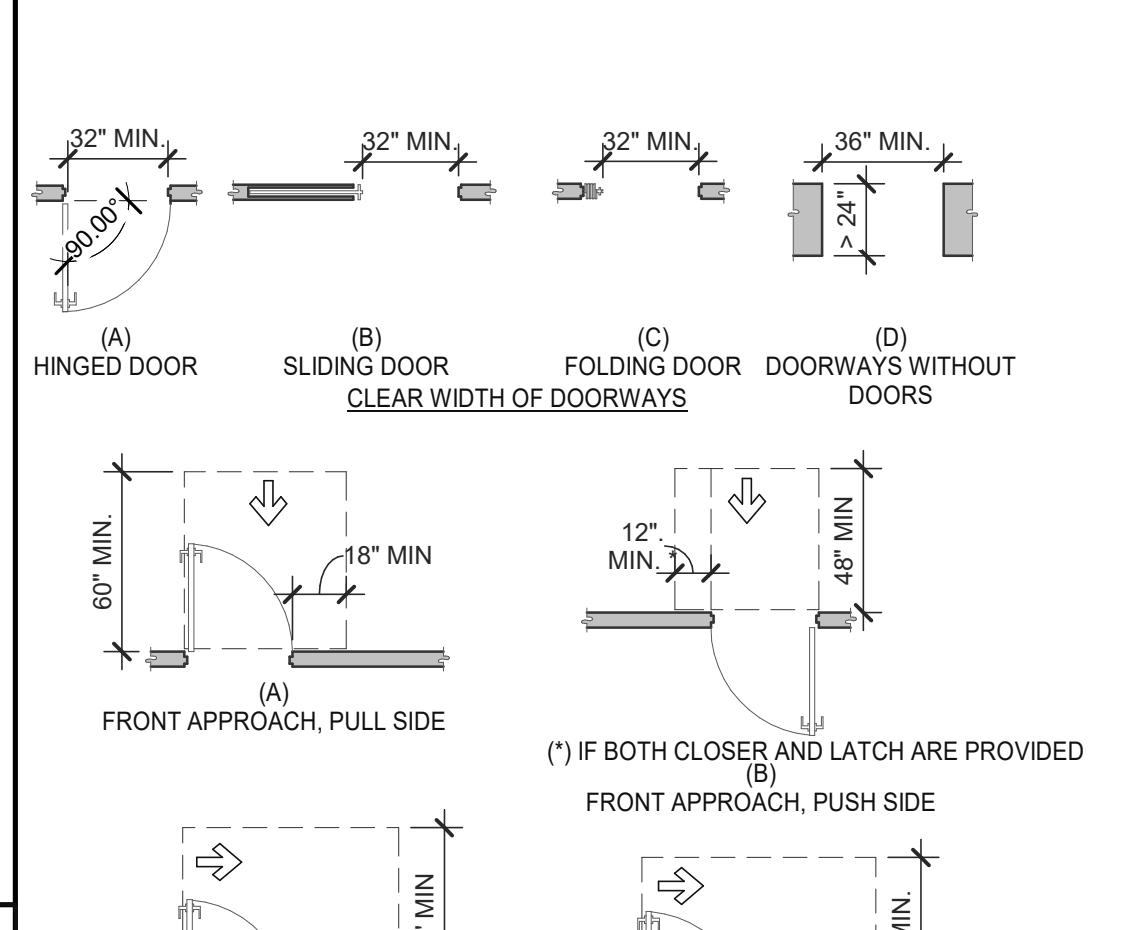
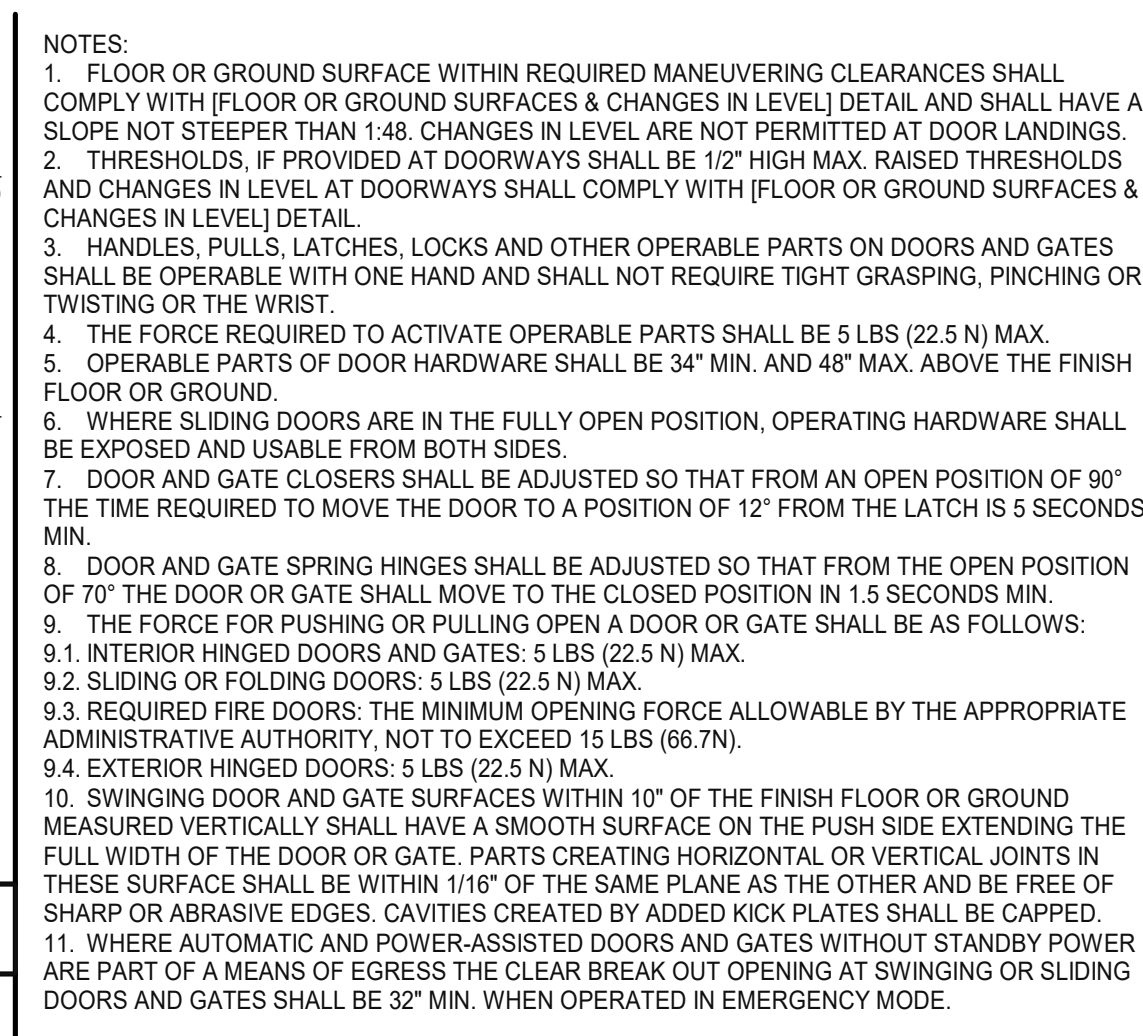
GRAB BARS 3/16" = 1'-0" 5



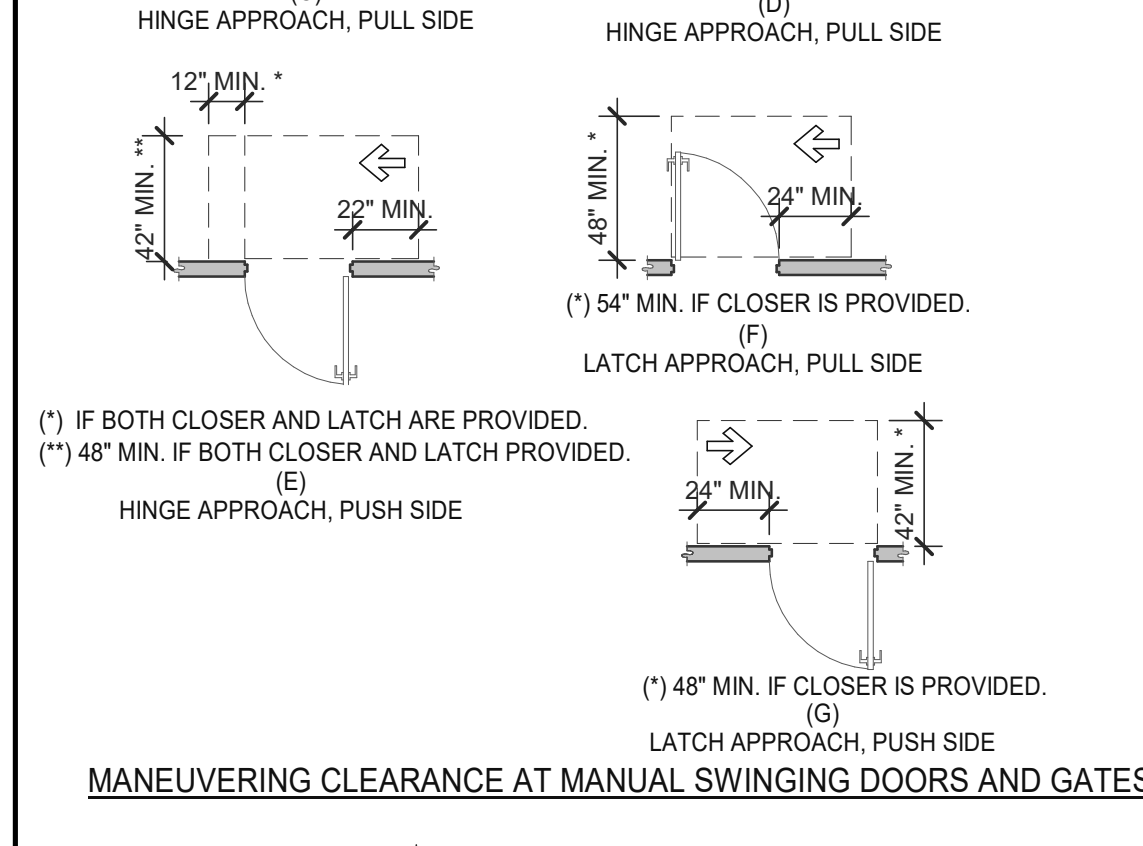
DOORS, DOORWAYS & GATES 3/16" = 1'-0" 6



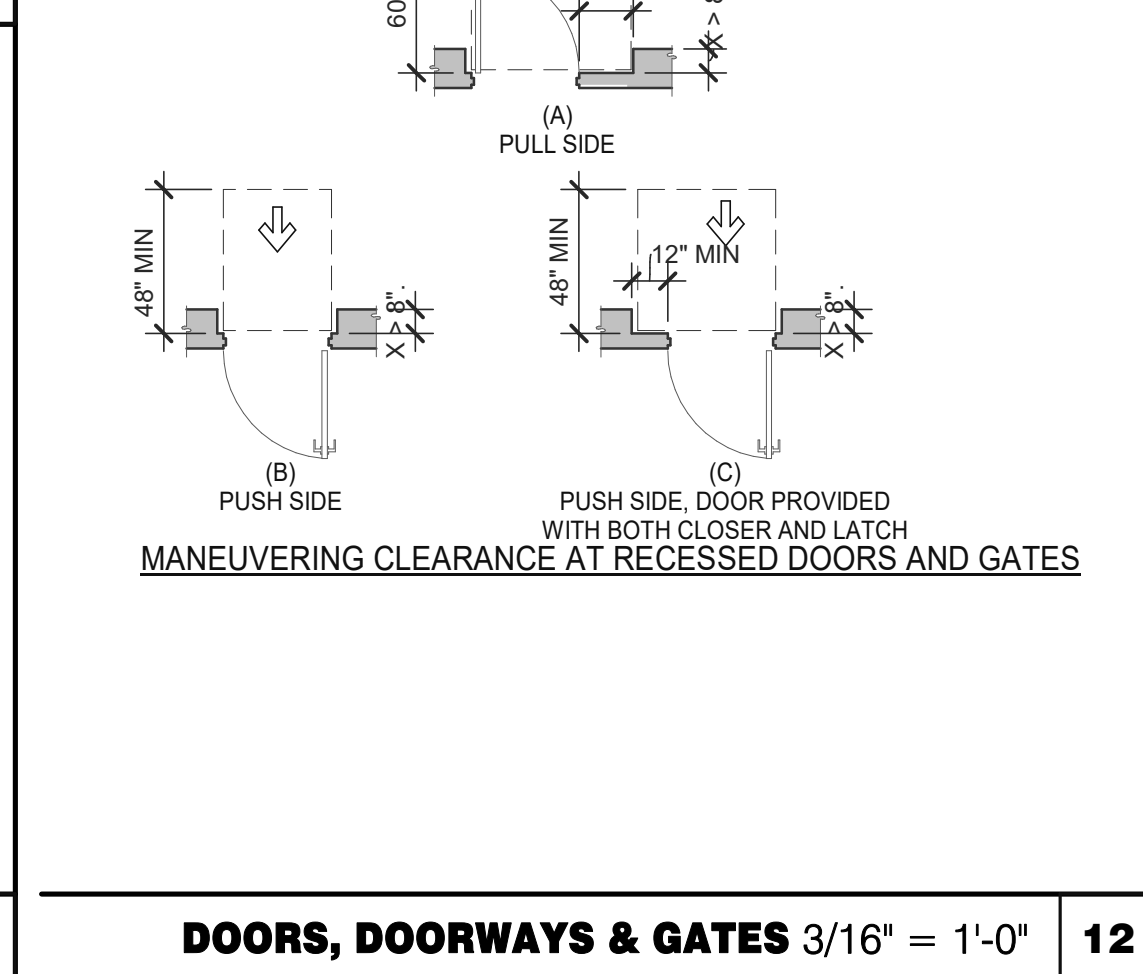
CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0" 8



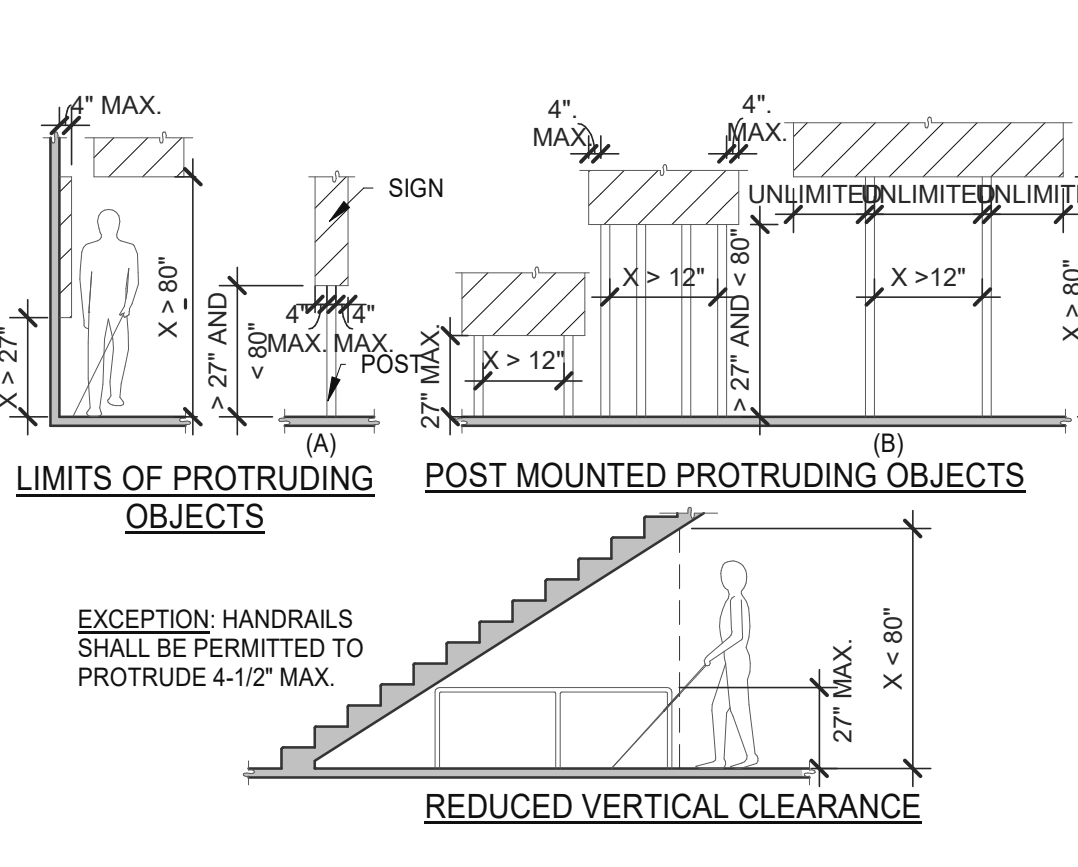
DETECTABLE WARNINGS 3" = 1'-0" 14



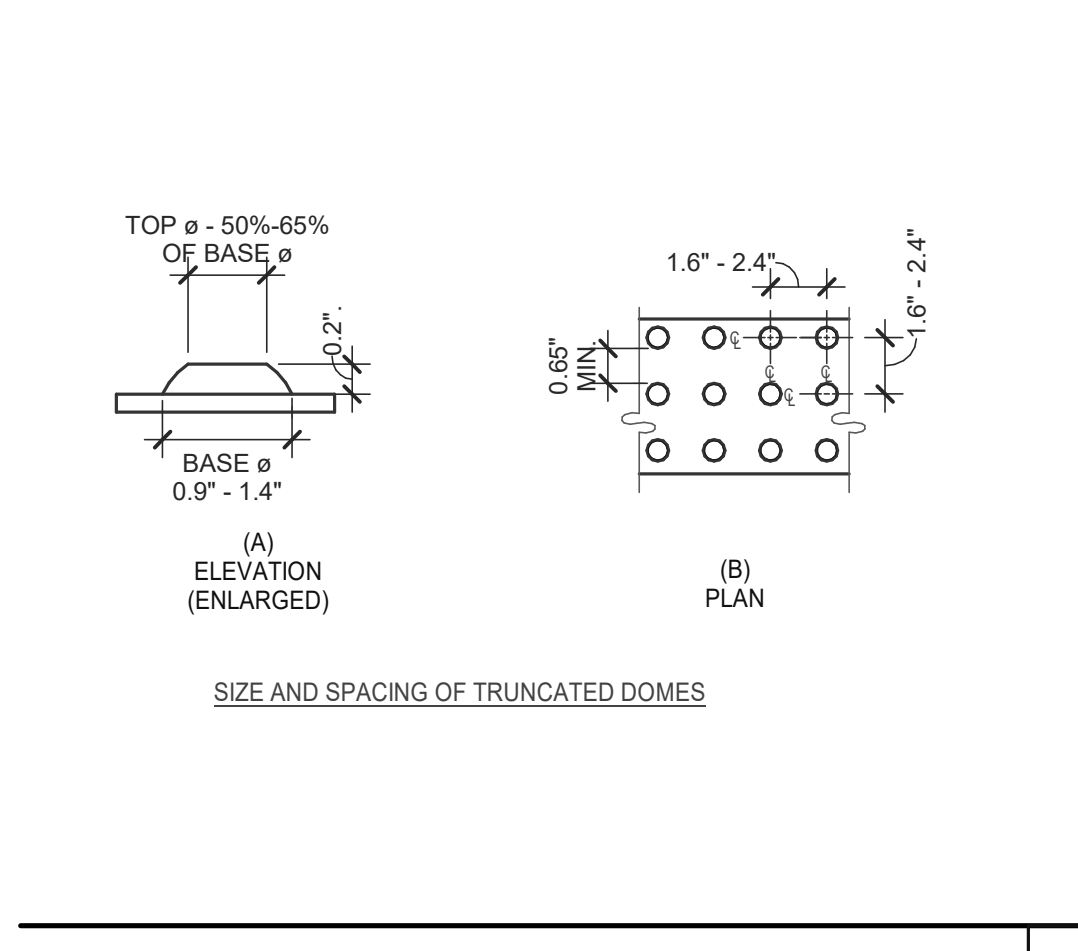
DOORS, DOORWAYS & GATES 3/16" = 1'-0" 12



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



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

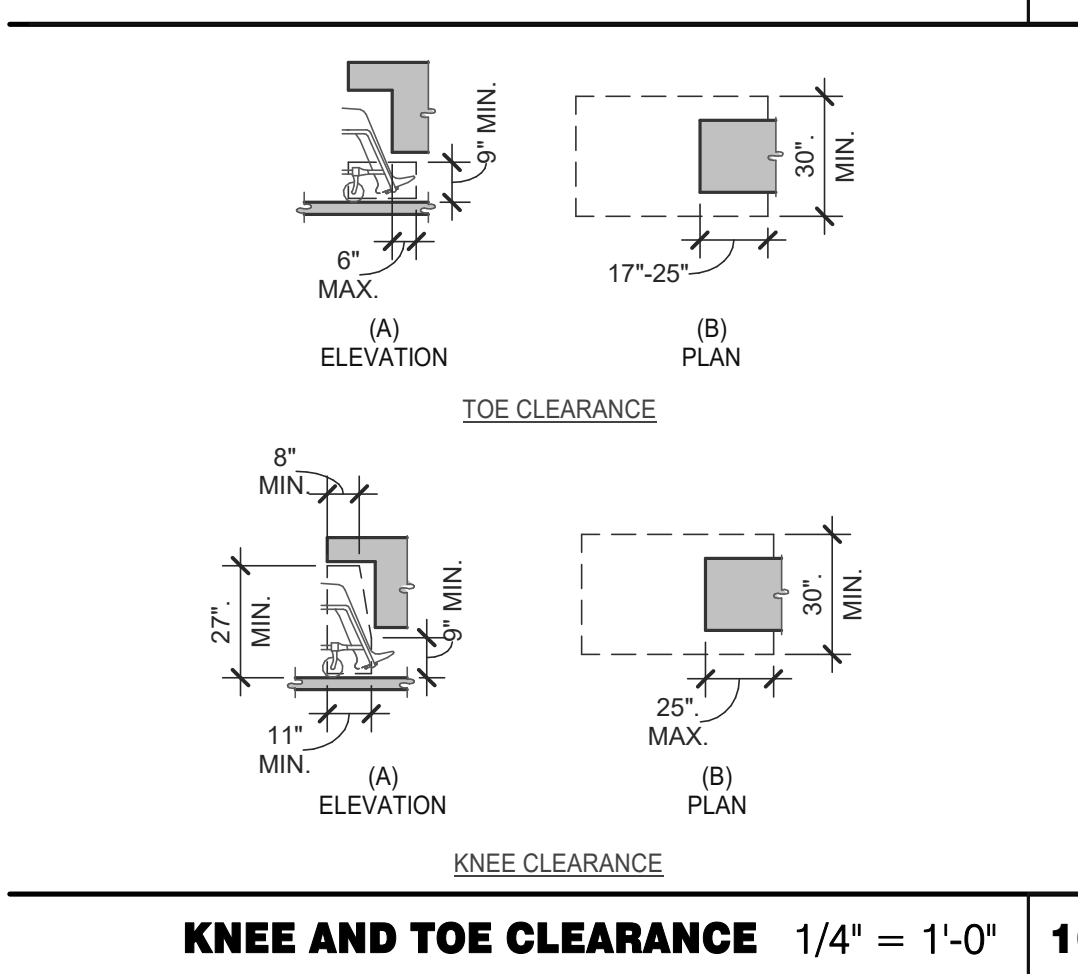


DETECTABLE WARNINGS 3" = 1'-0" 14

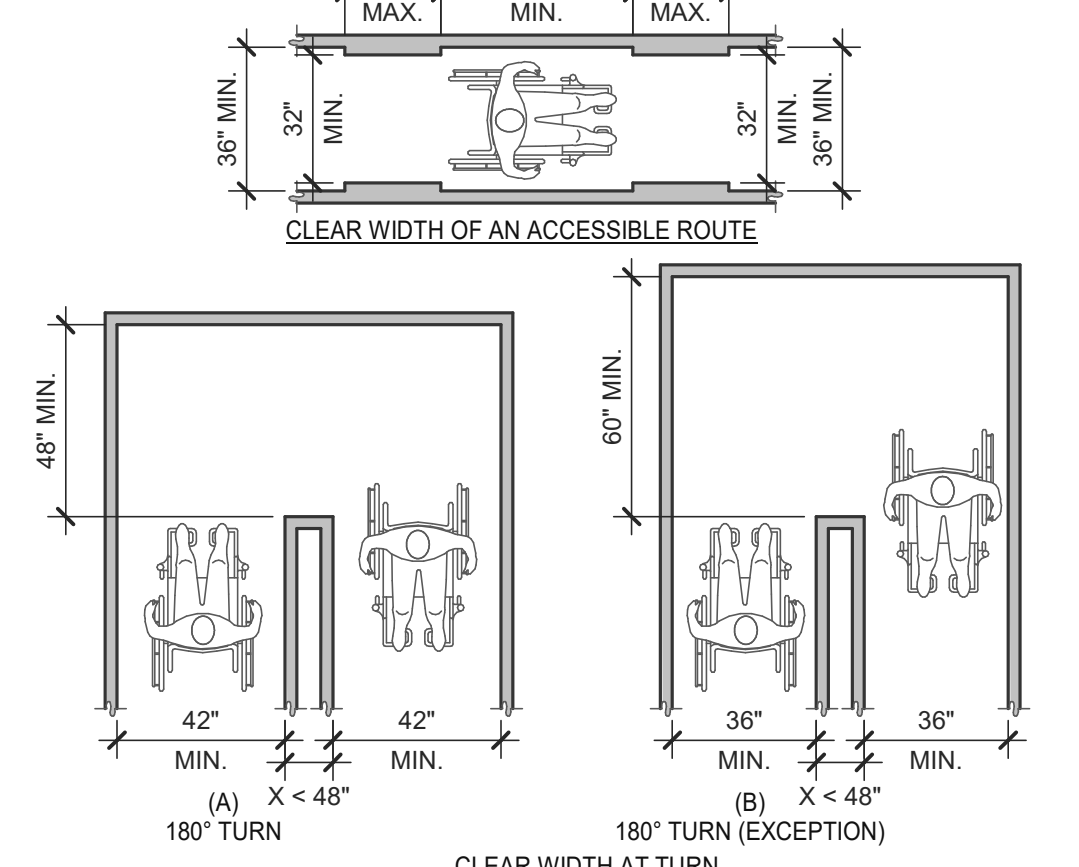
PARKING SPACES

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

PARKING SPACES 6" = 1'-0" 15



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



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

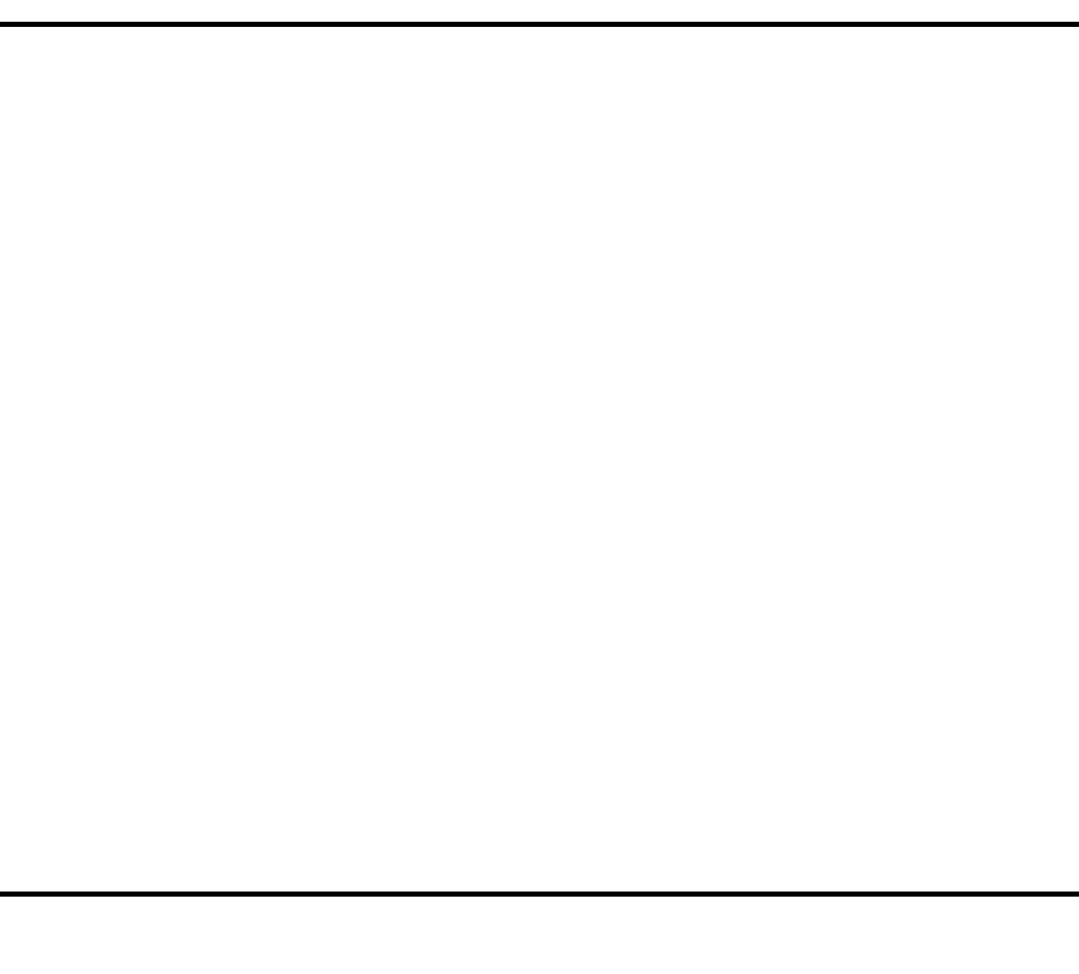


DETECTABLE WARNINGS 3" = 1'-0" 14

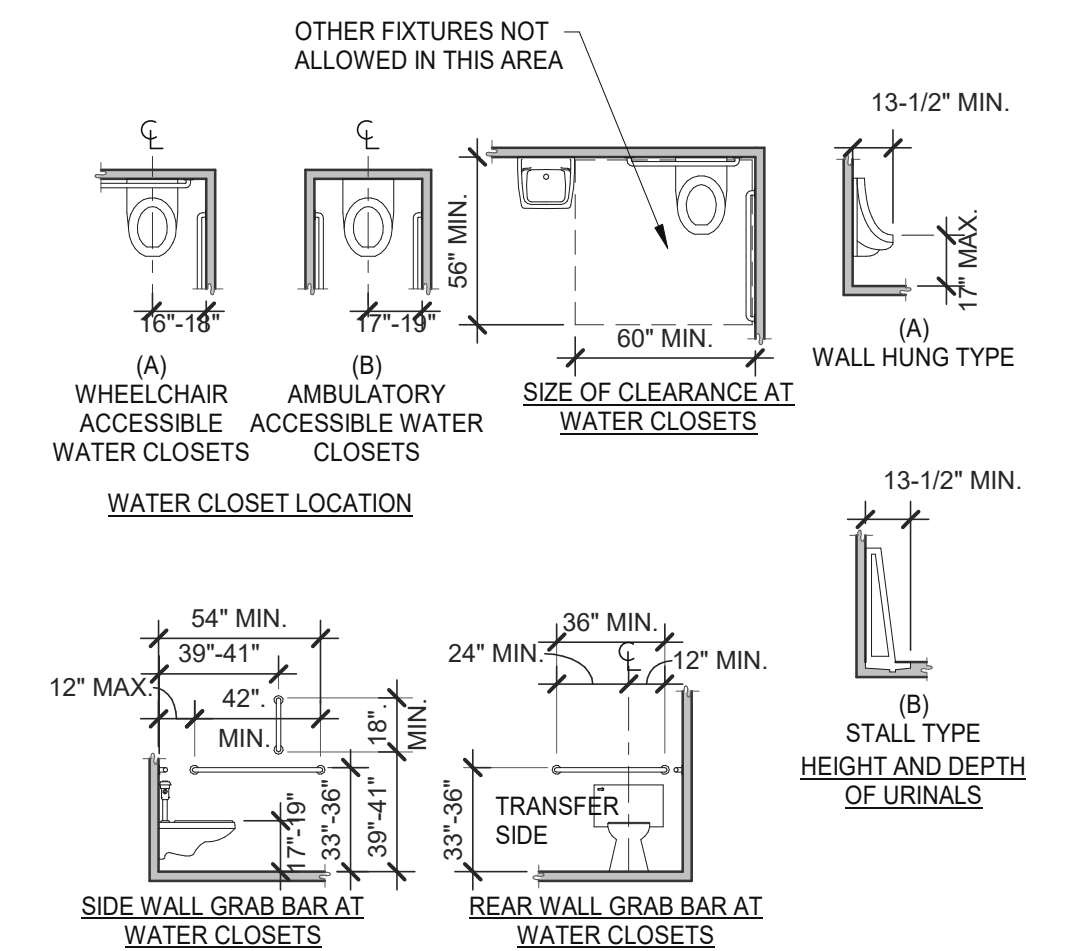
PARKING SPACES

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

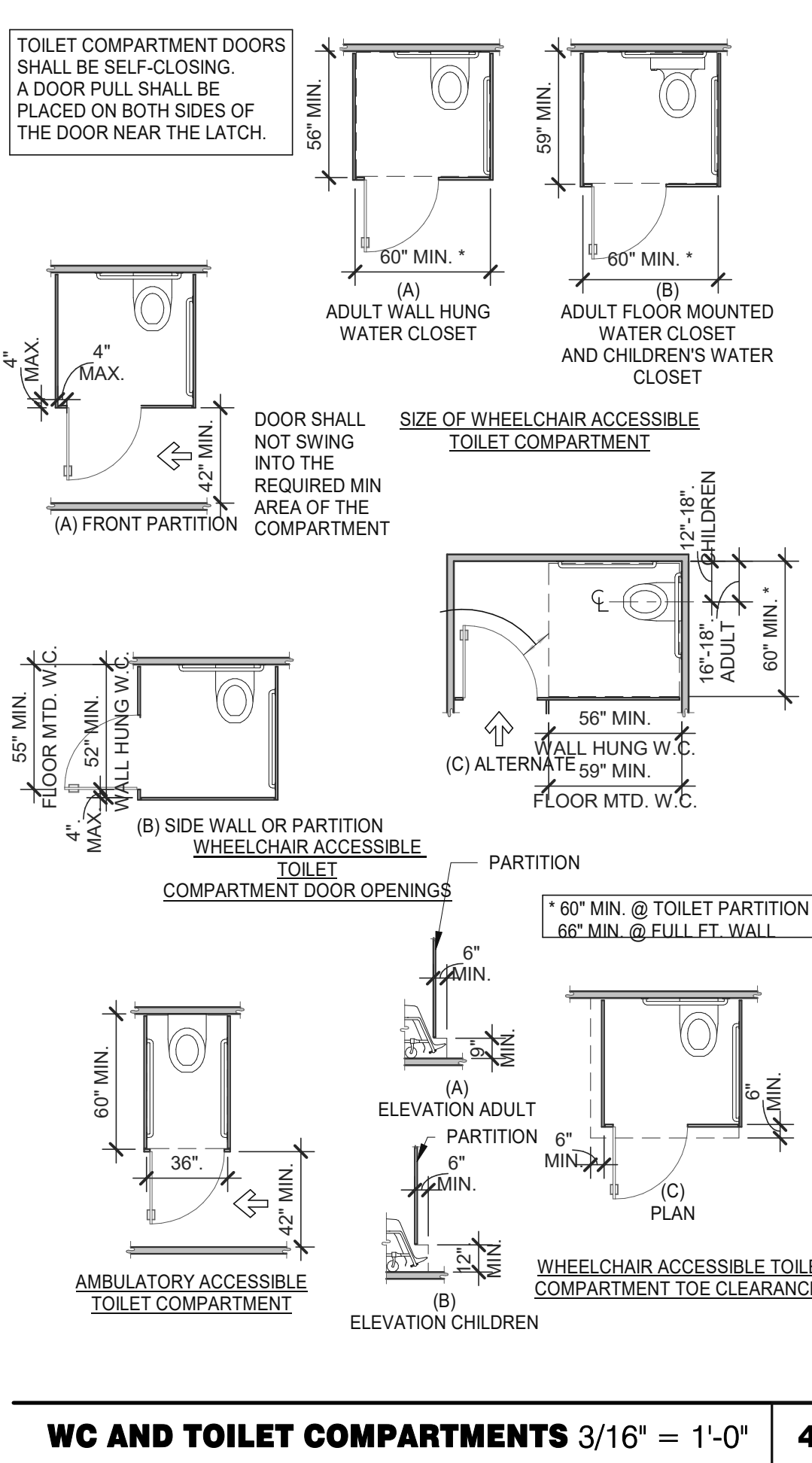
PARKING SPACES 6" = 1'-0" 15



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



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



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TACO BELL
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FRANKLIN, IN 46131



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

ADA1.1

PLOT DATE: 1/19/2022 11:09:11 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

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 ANNUCIATOR/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 RECEIVING 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 ANNUCIATORS 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

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	0.8	2	979	7.5	96.1/61.5	12.5	180	144	2	80	208/3	42	50	1443	LGH092H4B	1,2,3,4,5,6,7,8,9,10,11,12,13,14
RTU-2	KITCHEN	5000	1125	1.0	5	1045	12.5	158.9/108.1	12.3	260	208	2	80	208/3	72	80	2255	LGH150H4B	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 - 79.6°F DB / 70.2°F WB EAT AND 95°F AMBIENT / RTU-2 - 79.5°F DB / 68.4°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 91°F & 75°F WB, WINTER -3°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/W HOOD (FACTORY PROVIDED).
- HIGH PERFORMANCE ECONOMIZER (FACTORY PROVIDED).
- STANDARD STATIC POWER RELIEF/W 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).
- HOT GAS REHEAT WITH HUMIDISTAT IN RETURN AIR DUCT (FACTORY PROVIDED).

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	#SVD30HFA		2,4,7,8,9,10,11

REMARKS:

- UL 762 LISTED (GREASE)
- UL 705 LISTED (HEAT OR STEAM)
- FLAT ROOF CURB, 19.5" X 19.5" X 26"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	CCSS-1/ 50F	FRN SQR TO RND ADAPTER
E-2	8"DIA	24"x24"	-	EXHAUST	300	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CCS-FB-TB/50F-NT	FRN SQR TO RND ADAPTER
R-1	22"X22"	24"x24"	-	RETURN	2000	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	22"X22"	24"x24"	4W	SUPPLY	600	LAY-IN	MODULAR PLASTIC CORE	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER
T-1	24"X16"			VERT	0	DUCT	ALUMINUM	Titus	350RL	RETURN/TRANSFER AIR GRILLE

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.

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

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

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

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

HVAC NATIONAL ACCOUNT NOTES

5

AIR BALANCE SCHEDULE

4

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 T-STAT PROGRAMMABLE THERMOSTAT, PROVIDED WITH HVAC PACKAGE
	TS THERMOSTAT SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	H HUMIDITY SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE
	SD SMOKE DETECTOR, PROVIDED WITH HVAC PACKAGE, MOUNTED IN UNIT
	D CONDENSATE DRAIN
	Ø 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

DATE	REMARKS
10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: AD
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



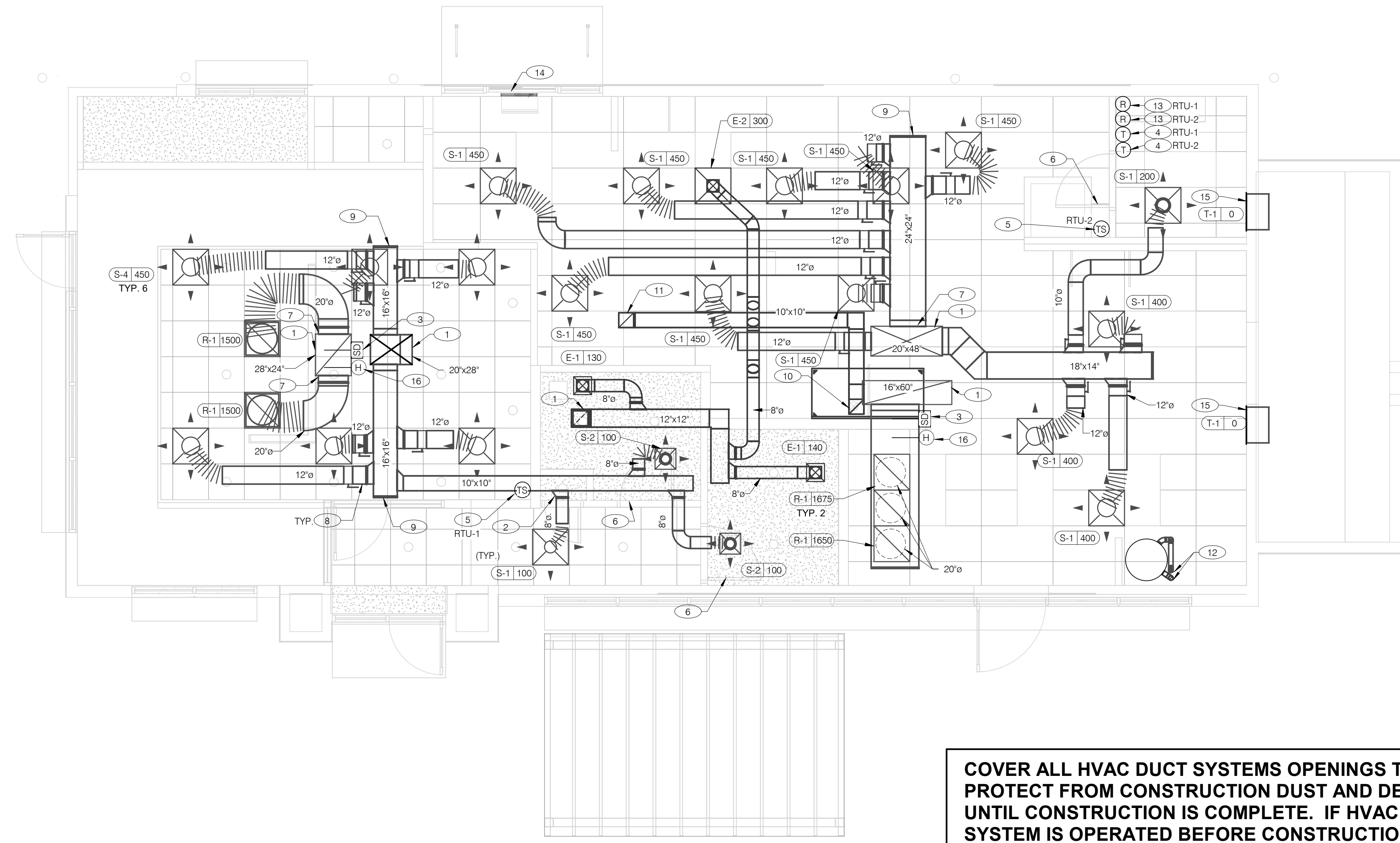
ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES

M1.0

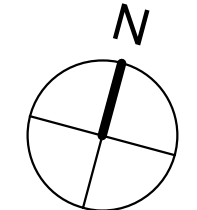
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520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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.



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TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
DUCT AND
DIFFUSER PLAN**

M2.0

PLOT DATE: 1/19/2022 10:58:36 AM

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.

GENERAL NOTES - MECHANICAL NTS **C**

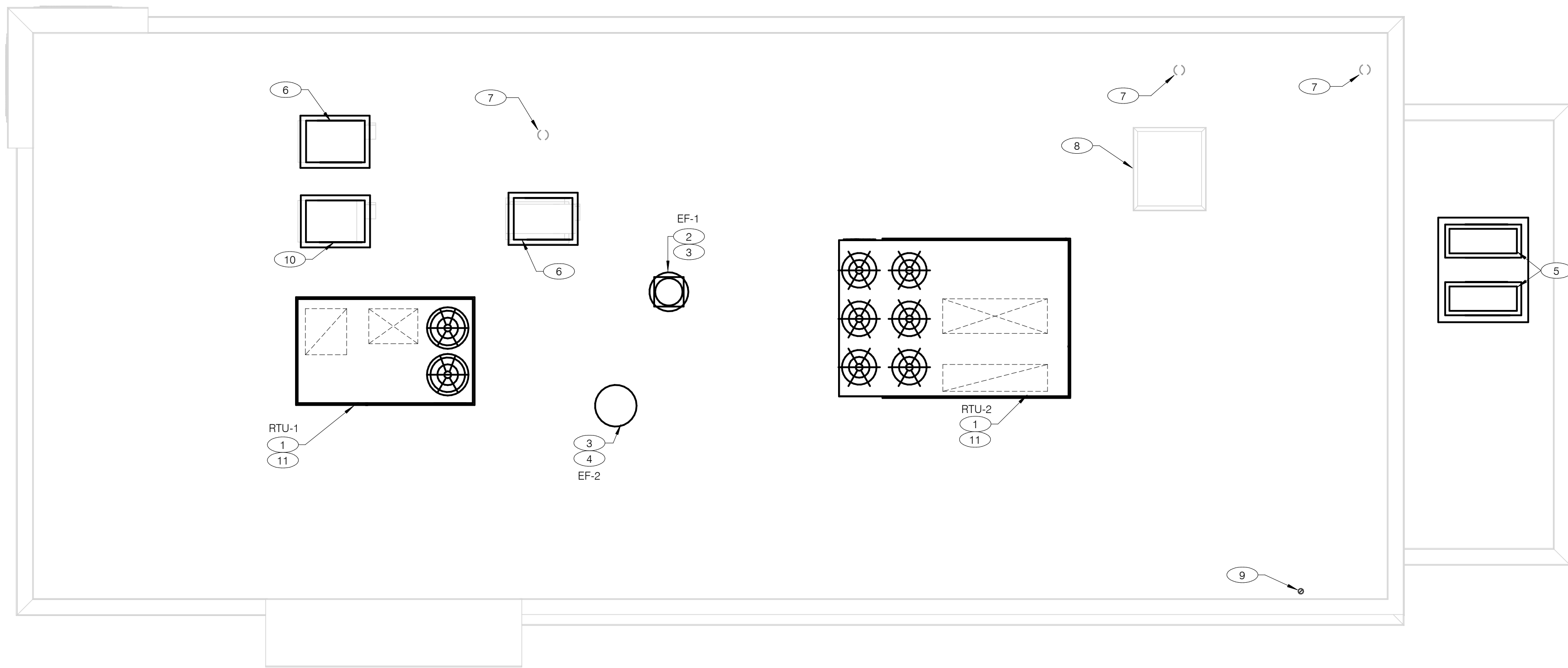
- AIR DUCT UP TO UNIT.
- SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.
- FACTORY PROVIDED SMOKE DETECTOR MOUNTED IN ROOFTOP UNIT.
- LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. 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.
- 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 MANUFACTURER'S 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 120/1/60 POWER CONNECTION. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- TRANSFER AIR GRILLE MOUNTED ABOVE CEILING TO ALLOW TRANSFER AIR TO PREVENT FREEZING ABOVE WALK-IN COOLER/FREEZER. COORDINATE IN FIELD WITH OTHER TRADES TO ENSURE NO OBSTRUCTIONS.
- FACTORY PROVIDED HUMIDITY SENSOR MOUNTED IN RETURN AIR STREAM. SEE DETAIL 8/M4.0.

KEYNOTES - DUCT AND DIFFUSER NTS **B**

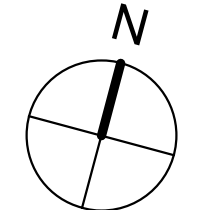
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330.572.2100 FAX: 330.572.2102



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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 RTUS SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.

KEYNOTES - MECHANICAL ROOF PLAN NTS **B**

DATE	REMARKS
1 10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE:	07.06.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	294252
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DRAWN BY.:	AD
JOB NO.:	2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
MECHANICAL
ROOF PLAN**

M2.1

PLOT DATE: 1/19/2022 10:58:38 AM

STRATOVENT MODEL# SVDU50HFA

TAG	HOOD	STRATOVENT MODEL #	CFM	ESP	RPM	H.P.	B.H.P.	Q	VOLT	FLA	MCAMP	WEIGHT (LBS)	SONES
EF-1	FRYER	SVDU50HFA	1050	0.9'	1429	0.50	0.33	1	115	8.4	19.5/15	85/40	14.5

SELECTOR OPTIONS

- RESTAURANT MODEL
- ULTRV GREASE RATED
- DIRECT DRIVE
- SPEED CONTROLLER
- WEATHERPROOF DISCONNECT
- FLAT CURB VENTED
- FACTORY ATTACHED HINGES

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

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

REVISED: 10-10-2018

HOOD EXHAUST FAN DETAIL NTS **7**

INSTALLATION: DUCT TEMPERATURE SWITCH

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

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

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

INSTALLATION: DUCT TEMPERATURE SENSOR

SENSOR DETAIL

(1) NORMALLY OPEN DRY CONTACT, CLOSING ON TEMPERATURE RISE ABOVE 85F. WIRED IN PARALLEL TO NORMAL CONTROL CIRCUIT. WHEN ORDERED, SENSOR IS FACTORY INSTALLED IN HOOD CAVITY WITH J-BOX ON TOP OF THE HOOD.

(2) DO NOT USE SENSOR AS THE PRIMARY MEANS OF FAN CONTROL. USED ONLY AS A SAFETY DEVICE PER INTERNATIONAL MECHANICAL CODE TO ENERGIZE HOOD EXHAUST FAN WHEN COOKING EQUIPMENT GENERATES HEAT.

(3) FAN CONTACTOR AND CONTROLS BY OTHERS, SEE ELECTRICAL SHEETS FOR DETAILS.

(4) SEE SPECS ABOVE FOR TEMP SET POINT ADJUSTMENT

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

HEAT SENSOR ATTACHMENT

SPECIFICATIONS:

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

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

MODIFIED: 04-11-2020

HEAT SENSOR ATTACHMENT NTS **5**

TACO BELL HOOD DETAIL

HOOD #1

HOOD #	1 OF 1	MODEL #	STRATOVENT SVBD2
LENGTH (IN):	6'-3"	WIDTH (IN):	36"
HEIGHT (IN):	14'H		
EXHAUST CFM:	1050	SUPPLY CFM:	BY RTU-SEE M1.0
EXHAUST SP:	0.9' (HOOD+DUCT)	SUPPLY SP:	NA
EXHAUST FPM:	1512	SUPPLY FPM:	NA
EXH. SIZE:	10'X10'	SUP SIZE:	NA
FILTERS: (4)	16" X 16"	HOOD WEIGHT:	300 LBS
FIRE SUPPRESSION:	ANSUL-R102	FILTER TYPE:	STAINLESS BAFFLE
LIGHT QTY: (3)	A19/ CFL	CONTROL SWITCH:	BY OTHERS

DESIGN NOTES:

- STRATOVENT HOODS ARE ETL LISTED TO UL-710 STANDARDS, 3054804-001
- MODEL SVBD2 IS A NON-CANOPY HOOD, "LISTED" VALUES ARE UTILIZED FOR AIRFLOW, OVERHANGS AND TEMPERATURE RATINGS.
- 18/20 GAUGE MINIMUM S/S ON EXPOSED SURFACES PER NFPA.
- HOOD IS PRE-PIPPED FOR ANSUL R102, FIELD HOOKUP BY OTHERS.
- INSTALLER TO REVIEW ELECTRICAL SHEETS FOR HOOD AND FAN WIRING. STRATOVENT DOES NOT PROVIDE A CONTROL BOX IN THE "BASE" PACKAGE.

FRONT VIEW

PLAN VIEW

SIDE VIEW

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

TACO BELL HOOD DETAIL NTS **2**

TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN

PROJECT: TACO BELL

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

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

NOTES

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

LEGEND - WALL MOUNTED ANSUL SYSTEM

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

DESIGN NOTE:

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

HEAT-ONLY FRYERS

LOCATION OF PULL STATION PER LOCAL CODES.

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

HOOD ISOMETRIC

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

STRATOVENT HOOD

ENCLOSURE WRAPPERS

HEAT SENSOR

HOOD LIGHTS

DUAL OUTLET FOR TIMER, REQUIRES DEDICATED BREAKER

36"

26"

61" TYP.

71" TYP.

1" THICK, INSULATED, END PANEL W/ ADJUSTABLE LEGS, SHIPS LOOSE, FIELD INSTALLED ON THE END OF THE HOOD CLOSEST TO RETHERMALIZER (VERIFY WITH EQUIP LAYOUT)

CHASE CUTOUT (GAS OR POWER LINES 19.5" X 4" W TYPICAL)

STRATOVENT

STRATOVENT-BRAND HOODS ARE CERTIFIED BY ETL-INTERTEK TO NATIONALLY RECOGNIZED UL-710 AND NSF STANDARDS.

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

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

TACO BELL HOOD SECTION

LOW-PROFILE HOOD HOOD #1

STRATOVENT HOODS BUILT IN COMPLIANCE WITH:

- UL STANDARD #2
- UL STANDARD 710
- ETL FILE NO. 3054804-001

NON-CANOPY HOOD DESIGN BASED ON:

MANUFACTURER: STRATOVENT, MODEL SVBD2
ETL LISTED UL/ULC-710, ULC-S646: # 3054804-001
MIN. "LISTED" AIRFLOW: 150 CFM PER LINEAR DESIGN AIRFLOW: 168 CFM PER LINEAR FT
MAX. DIST. ABOVE COOK SURFACE: 47"
MAX. COOK SURFACE FRONT UNDERHANG: -3"
MIN. SIDE COOK SURFACE OVERHANG: 0"
MAX. APPLIANCE COOKING TEMPERATURE: 450 F

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

SIDE VIEW

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

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

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

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

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

GREASE CUP

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

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

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

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

5'-11"

5'-11"

3'-0"

8'-10"

6'-0"

FINISHED FLOOR LINE

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

EXHAUST FAN (EF 1)

ROOF LINE

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

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

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

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

DATE	REMARKS
10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED40
PLAN VERSION: MARCH 2020
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY: AD
JOB NO.: 2018088.31

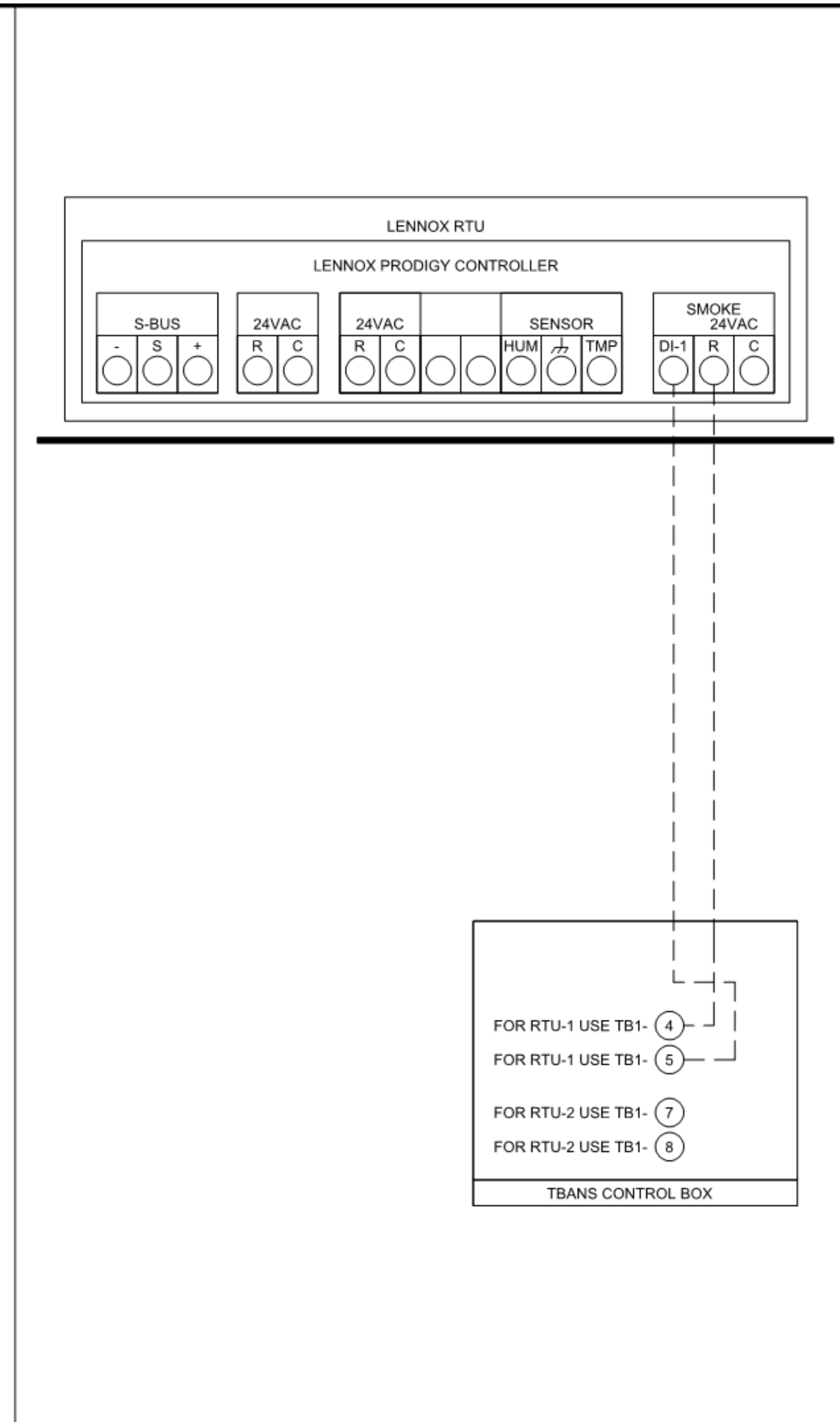
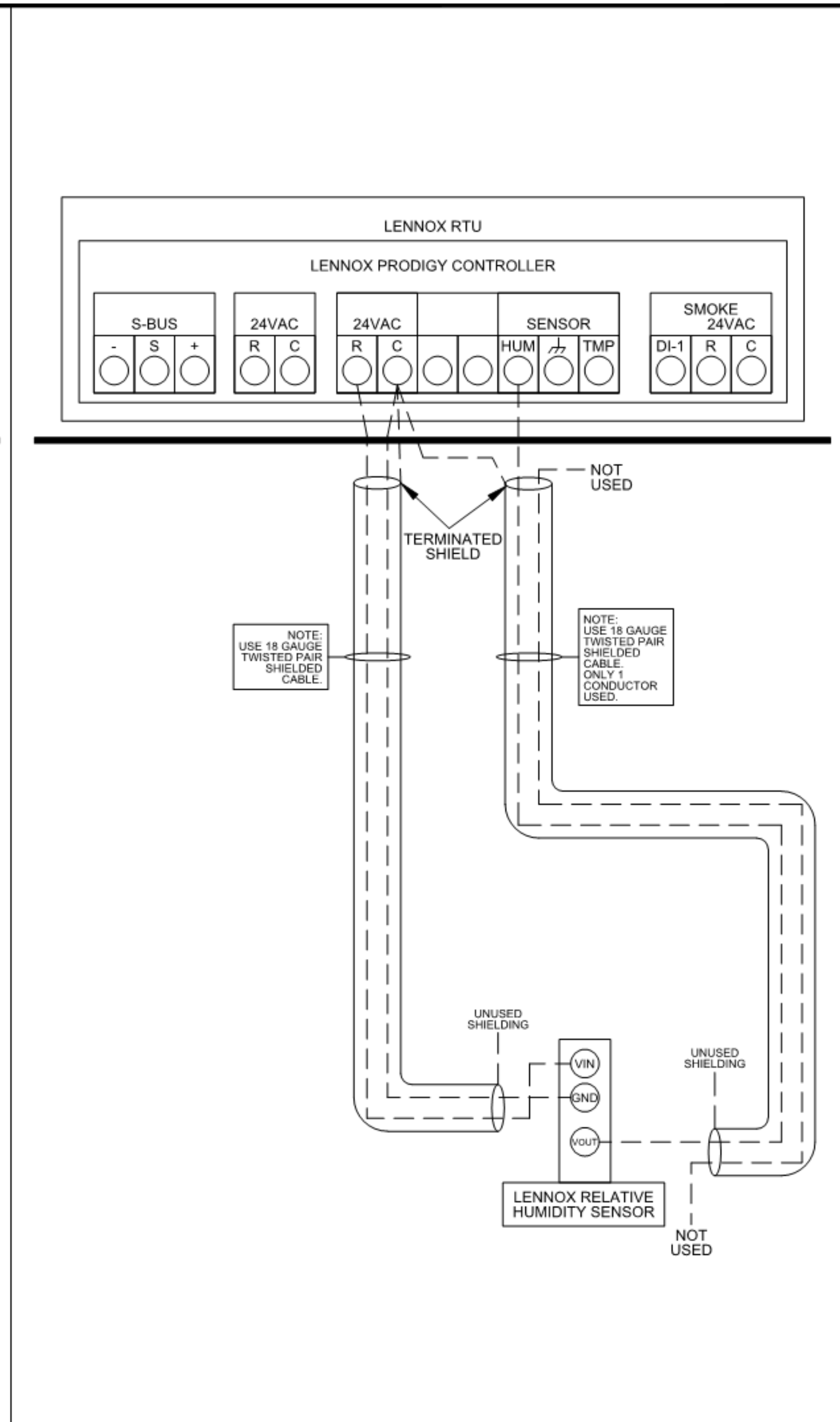
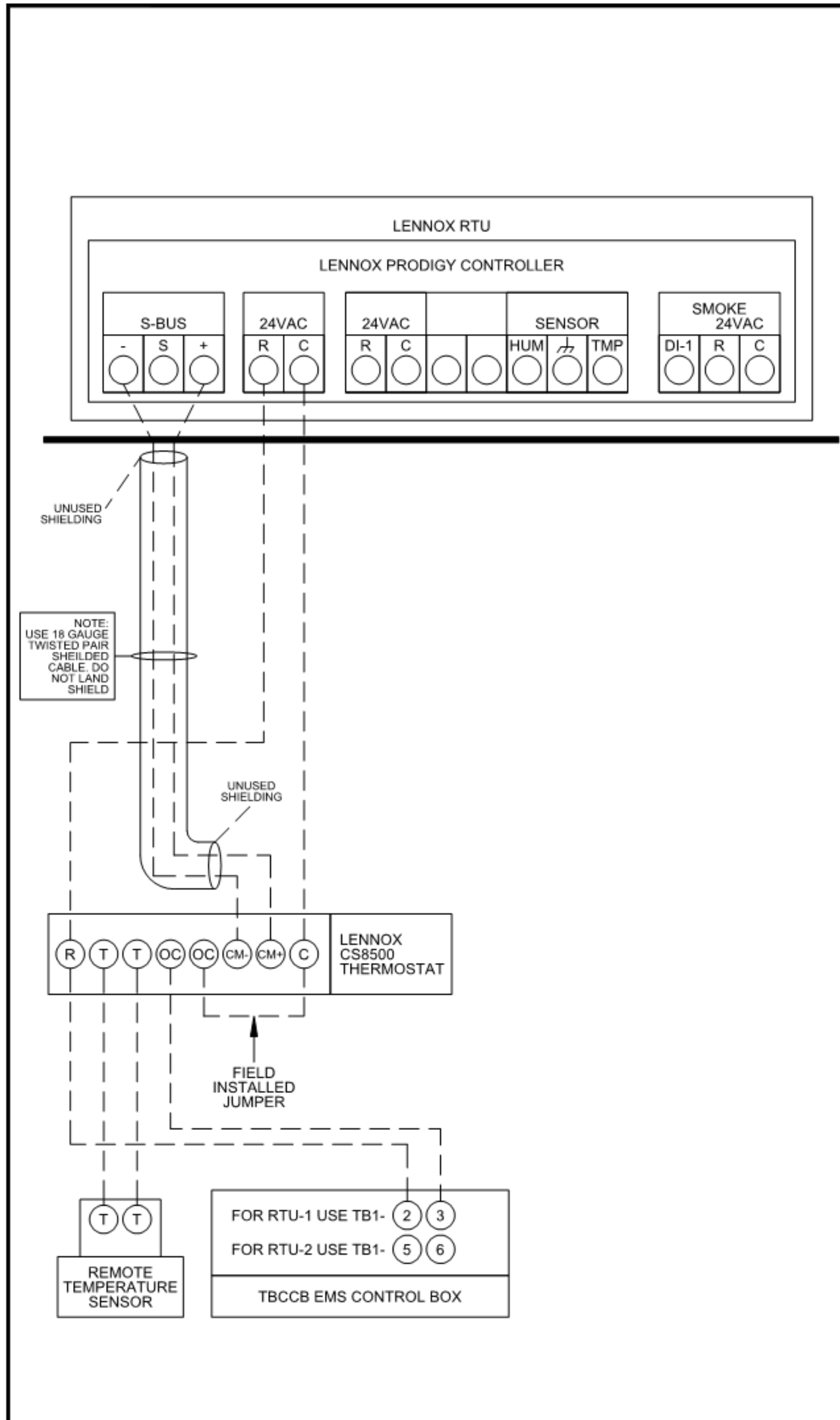
TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 1.0 HOOD DETAILS AND SECTIONS

M3.0



1 LENNOX PRODIGY TO THERMOSTAT AND TO TBCCB CONNECTION NTS

2 LENNOX PRODIGY TO OPTIONAL HUMIDITY SENSOR CONNECTION NTS

3 LENNOX PRODIGY TO TBANS CONNECTION NTS



LENNOX RTU LOW VOLTAGE FIELD CONNECTIONS DETAIL

LENNOX LOW VOLTAGE CONNECTIONS

Rev	Date	Change

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

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TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



ENDEAVOR 1.0
 CONTROLS
 DETAILS

M5.0



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

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

GENERAL NOTES - PLUMBING NTS

4

SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	(TYP.)	TYPICAL
	(N)	NEW
	(E)	EXISTING
	F.D.	FLOOR DRAIN
	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
	F.S.	FLOOR SINK
	G.L.	GAS LINE
	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	1.5	3
PREP SINK *	1	--	--	2	2	2	2
3 - COMPARTMENT SINK *	1	--	--	3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1	--	--	5/0.5	12	--	--
FLOOR DRAIN	7	2	14	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	5	3	15	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REHEMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	50	--	35.25	--	14.25

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

BASED ON 2012 INDIANA PLUMBING CODE (COMBINATION DRAIN & VENT). *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

PLUMBING FIXTURE COUNT NTS **2**

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMPD WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
	ECO 1	EXTERIOR CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
	FS 1	FLOOR SINK	4"	2"	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPF54-PVC ZURN / MODEL: FD-2370-PV4-DS-F
	FS 2	FLOOR SINK	3"	2"	--	--	6	--	CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32
	FD 1	FLOOR DRAIN	3"	2"	--	--	2	--	PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL: 1103
	HD 1	HUB DRAIN	3"	2"	--	--	2	--	CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
	ECO 1	FLOOR CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
	WCC 1	WALL CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
	HB 1	HOSE BIBB	--	--	3/4"	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX. PROVIDE WITH ASSE 1013 BACKFLOW PREVENTER.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300
	WC 1	WATER CLOSET	4"	2"	1/2"	--	4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
	L 1	LAVATORY	1-1/4"	1-1/2"	1/2"	--	1/2"	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET, SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
	S 1	HAND SINK	1-1/2"	1-1/2"	1/2"	--	1/2"	2	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	--
	S 2	MOP SINK	3"	2"	1/2"	1/2"	--	3	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	--
	S 3	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	--
	S 4	PREP SINK	INDIRECT	--	1/2"	1/2"	--	3	SINK, FAUCET AND DRAIN	--
	GI 1	GREASE INTERCEPTOR	4"	--	--	--	--	--	PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G --
	MV 1	MIXING VALVE	--	--	1/2"	1/2"	--	--	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
	WH 1	WATER HEATER	--	--	1-1/4"	1-1/4"	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 138GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MXI BTH-120 --
	ET 1	EXPANSION TANK	--	--	3/4"	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST WILKINS SERIES WXTP
	BFP 1	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: LF009M2OTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
	RO 1	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	--

PLUMBING FIXTURE SCHEDULE NTS **1**

DATE	REMARKS
1 10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

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TACO BELL

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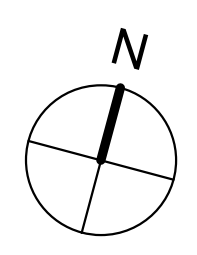
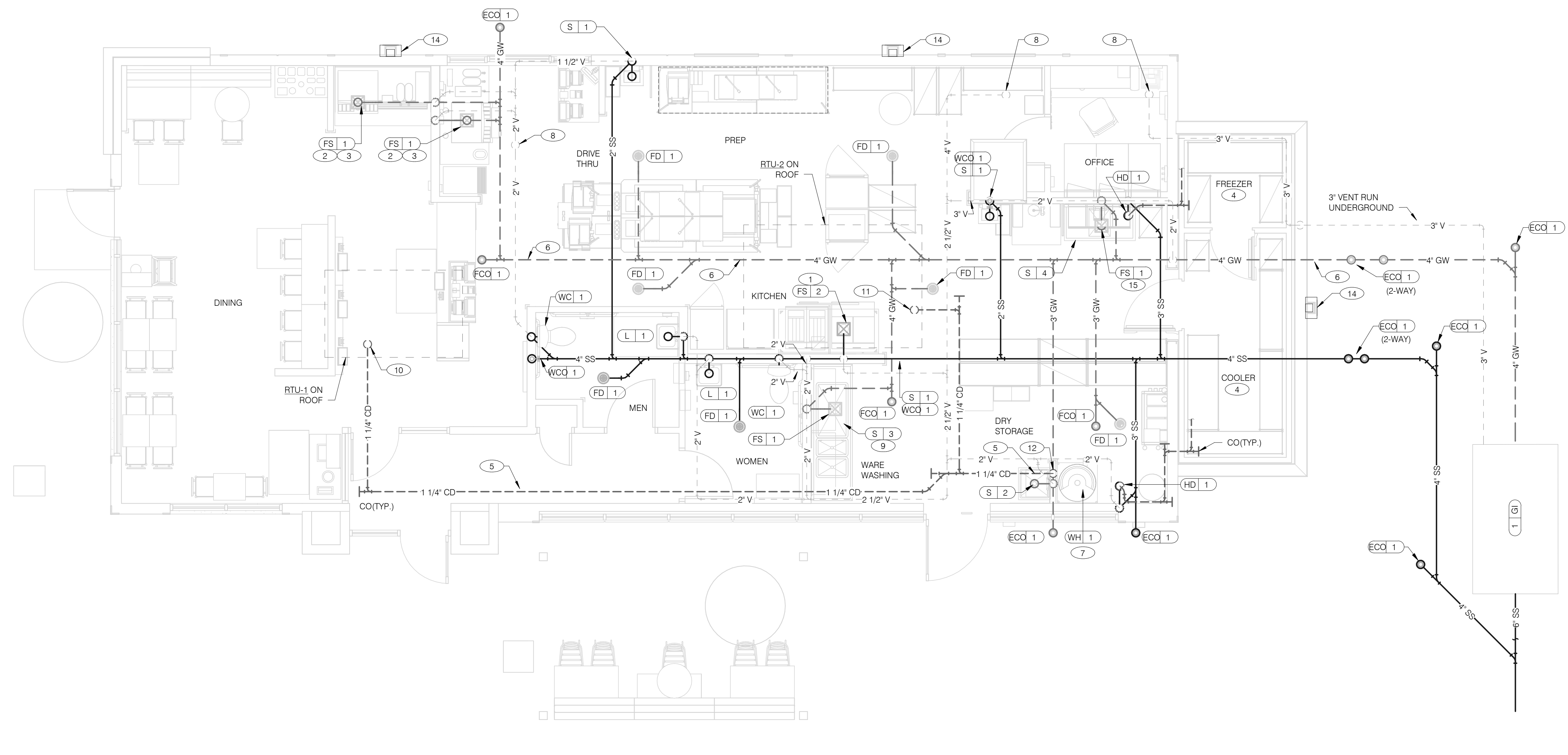


ENDEAVOR 2.0 PLUMBING SCHEDULES AND NOTES

P1.0



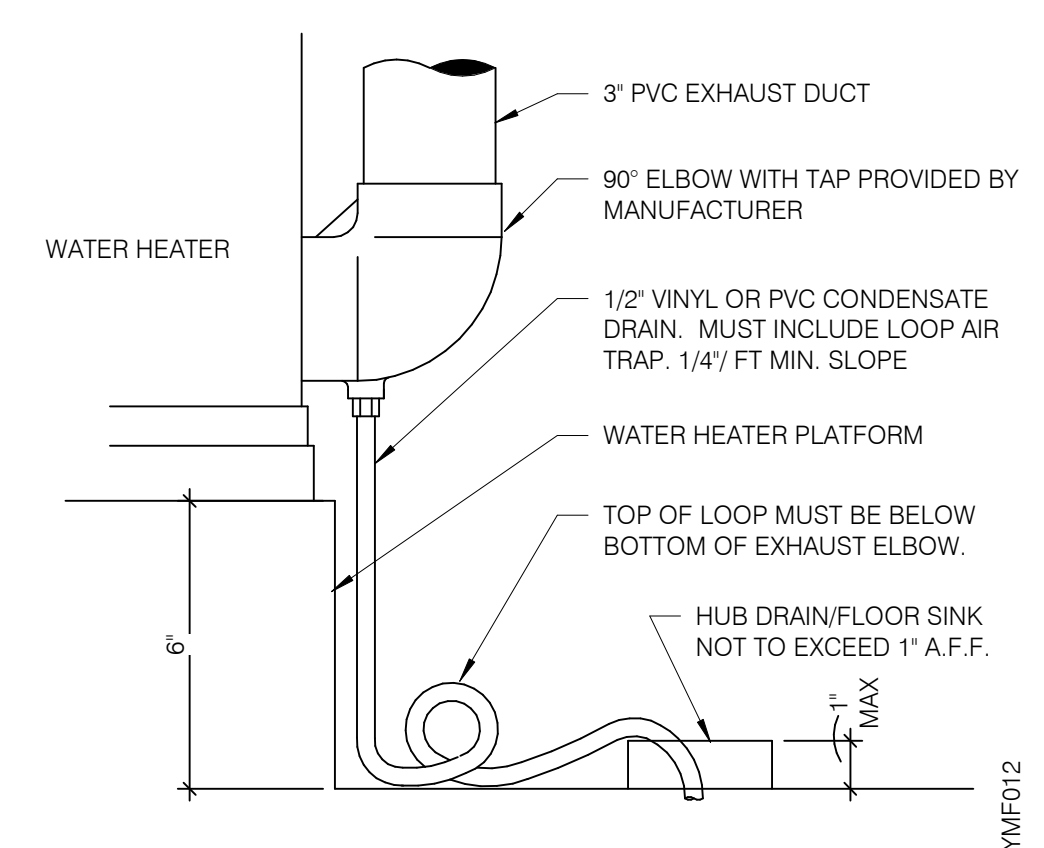
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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



WATER HEATER CONDENSATE DETAIL NTS **4**

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

WASTE & VENT PLAN NOTES NTS **3**

- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- 2 PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS. PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF. RUN TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL. 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/P6.1 AND DETAIL 4/P2.0.
- 8 4" VENT UP THROUGH ROOF.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.
- 10 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 NOT USED.
- 14 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- 15 ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.

KEYNOTES - WASTE AND VENT NTS **2**

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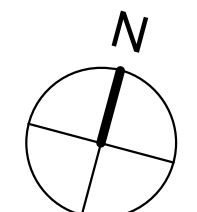
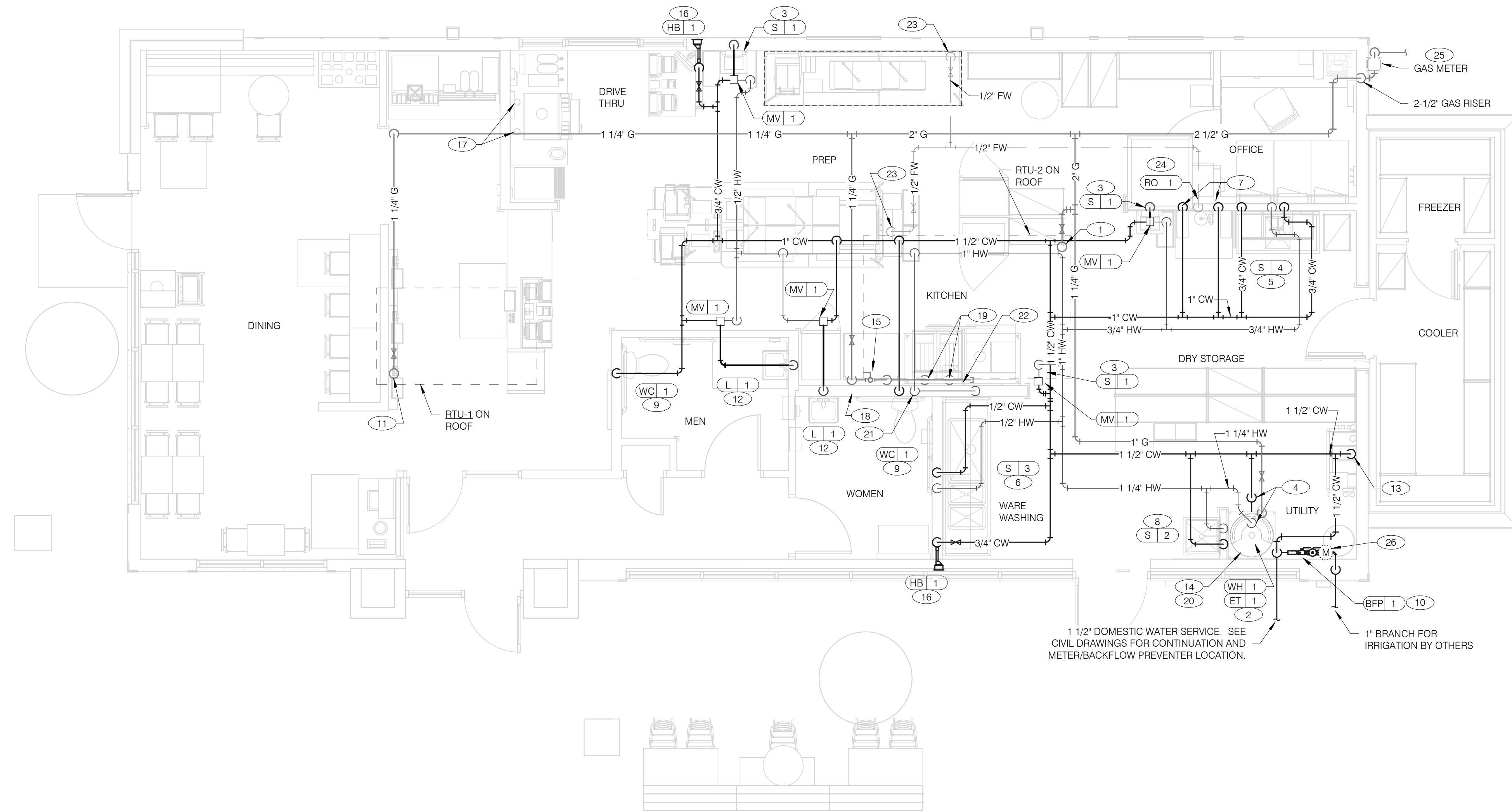
**ENDEAVOR 2.0
WASTE AND
VENT PLAN**

P2.0

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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 1-1/4" (260 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 COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .
- 10 WATER METER AND REDUCED PRESSURE BACKFLOW PREVENTER LOCATED PER LOCAL UTILITY REQUIREMENTS. PIPE RELIEF TO HUB SINK.
- 11 1-1/4" (180 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-540.
- 14 WATER HEATER (WH-1). PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.1.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-546. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN ALONG WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 1" 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" DUCT METER FOR IRRIGATION SYSTEM.

DATE	REMARKS
1 10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY: AD
JOB NO.: 2018088.31

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**ENDEAVOR 2.0
WATER AND
GAS PLAN**

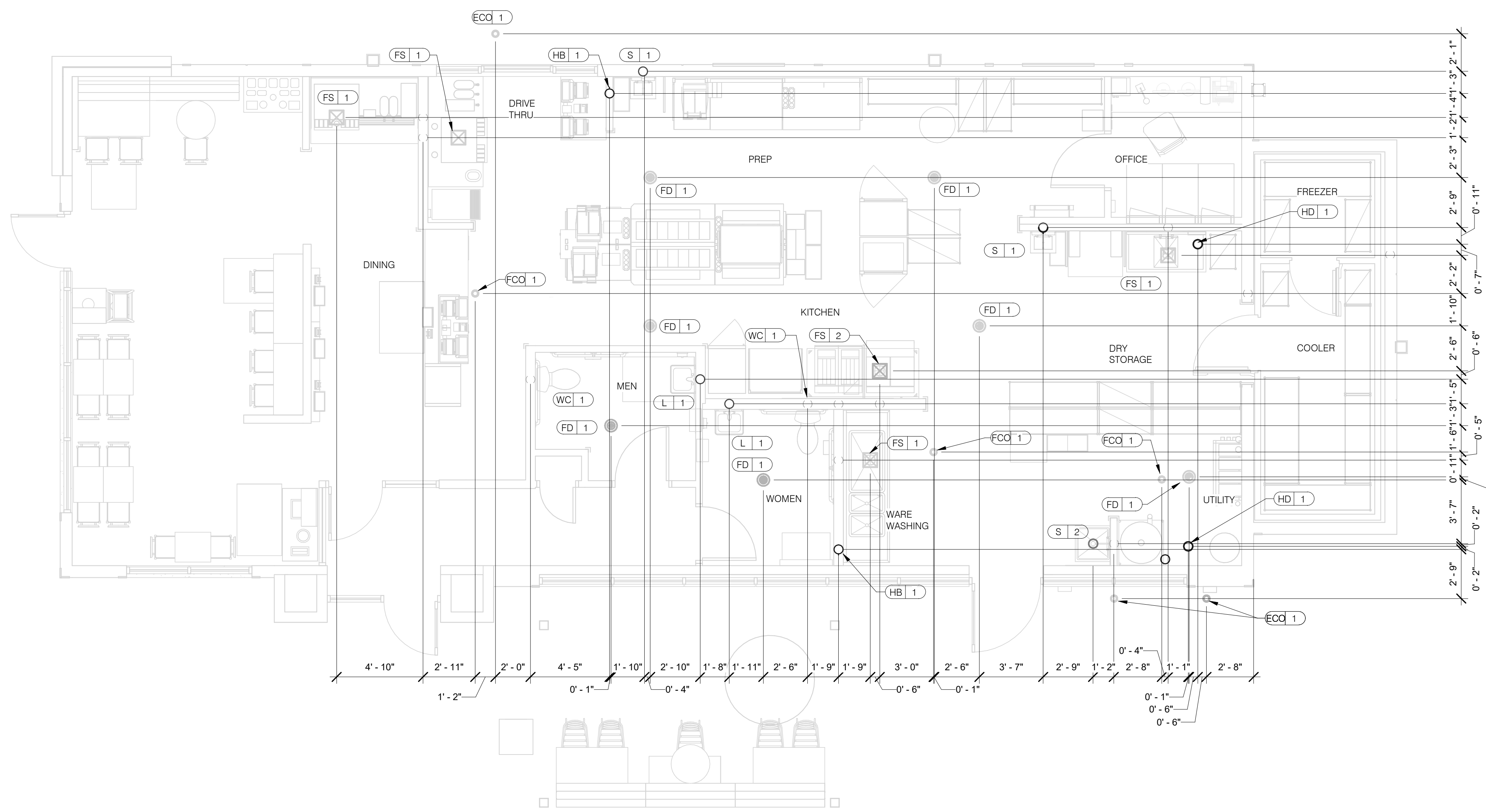
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PLUMBING ROUGH-IN PLAN 1/4" = 1'-0" **1**

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		--	WCC 1	WALL CLEAN OUT			--
WH 1	WATER HEATER	G	+15" A.F.F.	--	FCO 1	FLOOR CLEAN OUT			--
WC 1	WATER CLOSET	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR	HB 1	HOSE BIB			--
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED					
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	C-107	REETHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REETHERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--					
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--	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**

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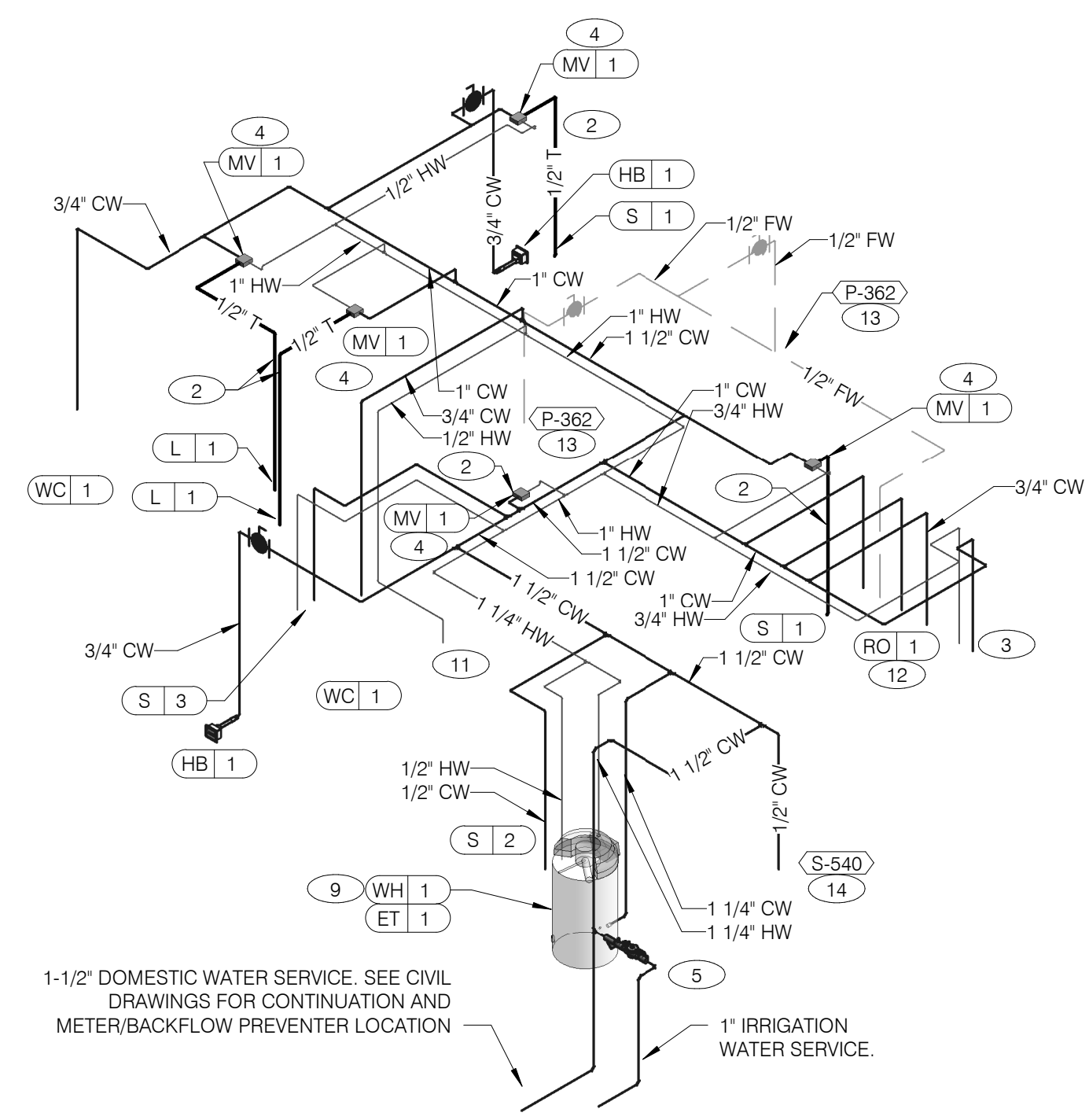
ENDEAVOR 2.0
PLUMBING
ROUGH-IN PLAN

P4.0

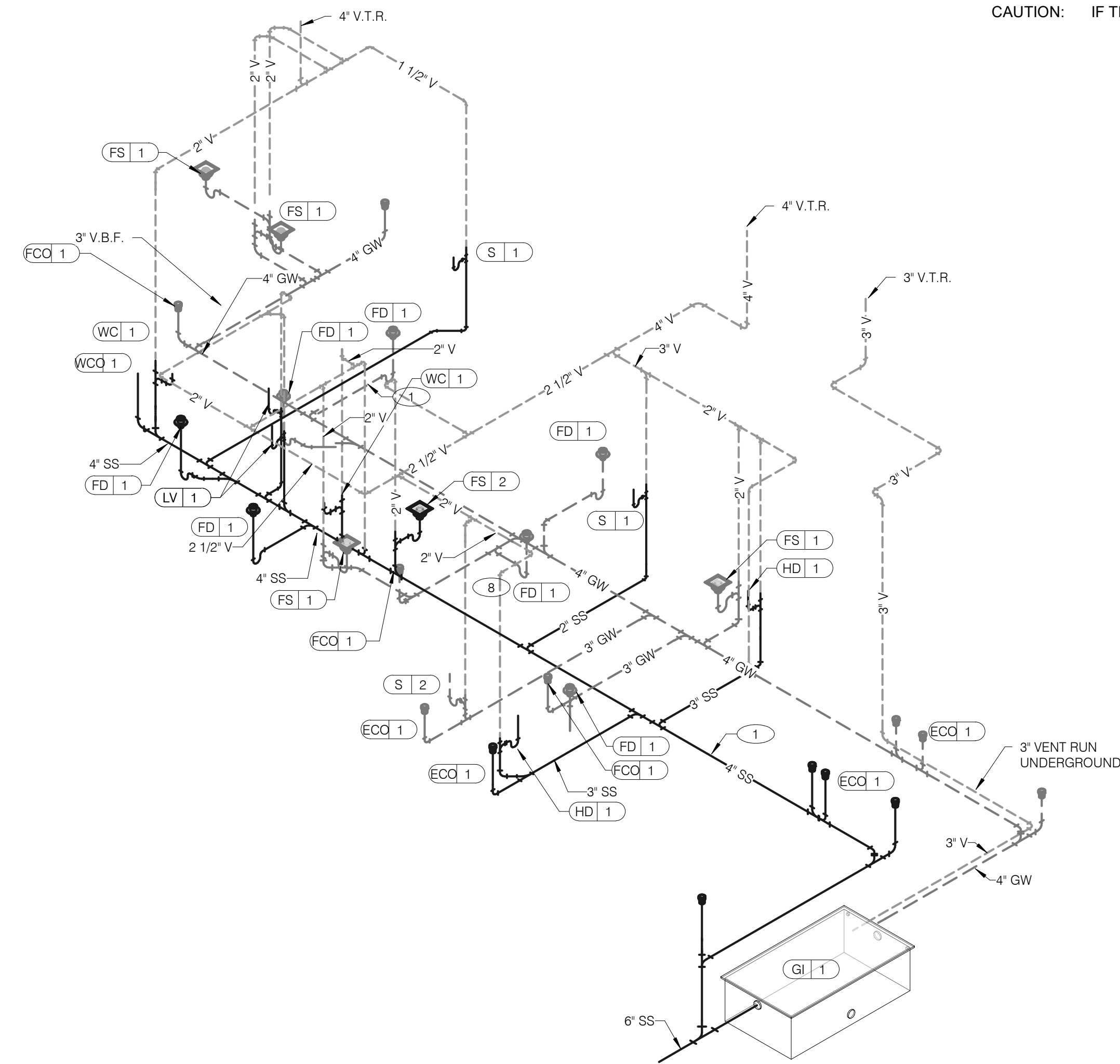
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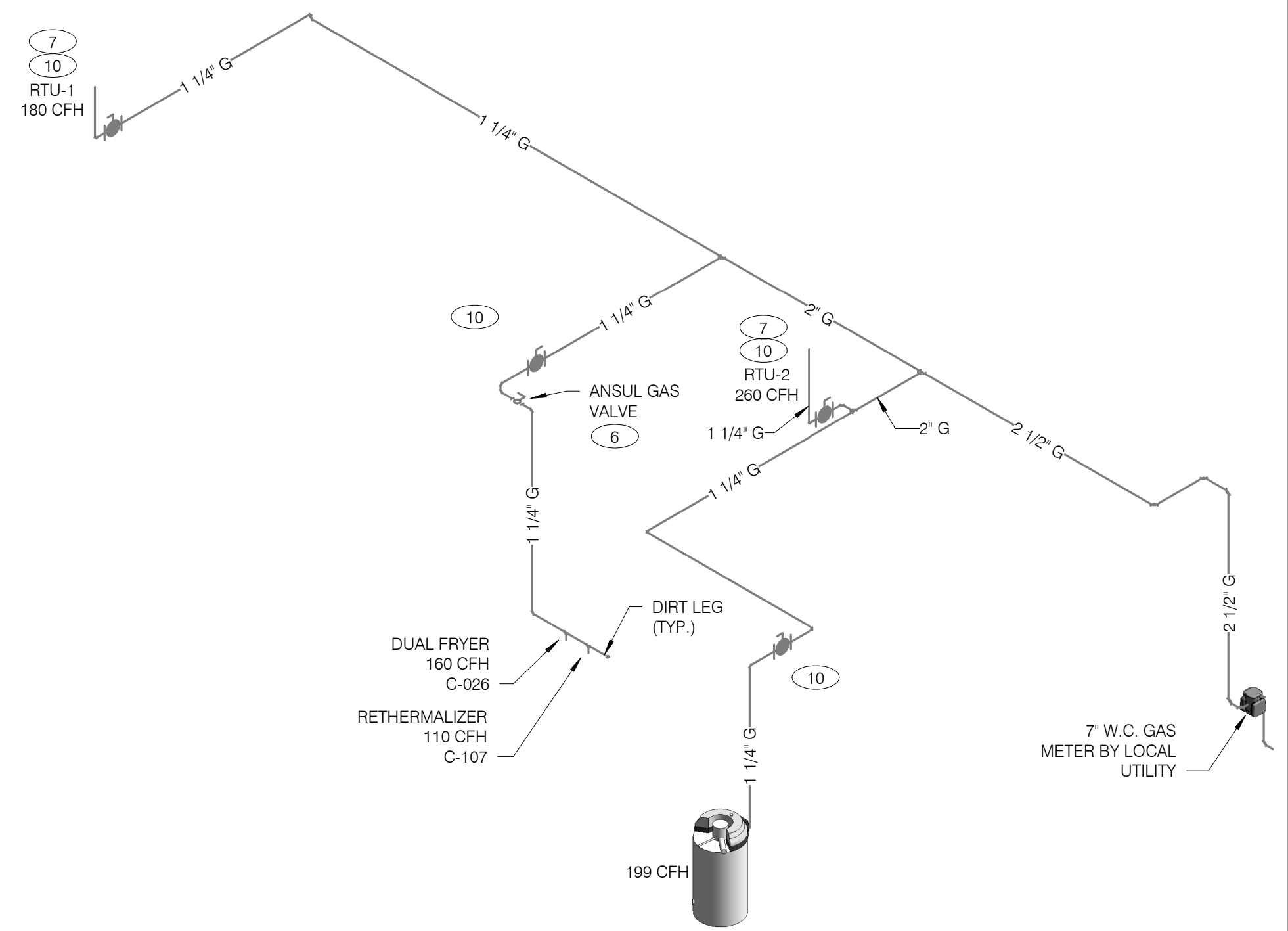
WATER ISOMETRIC NTS **4**



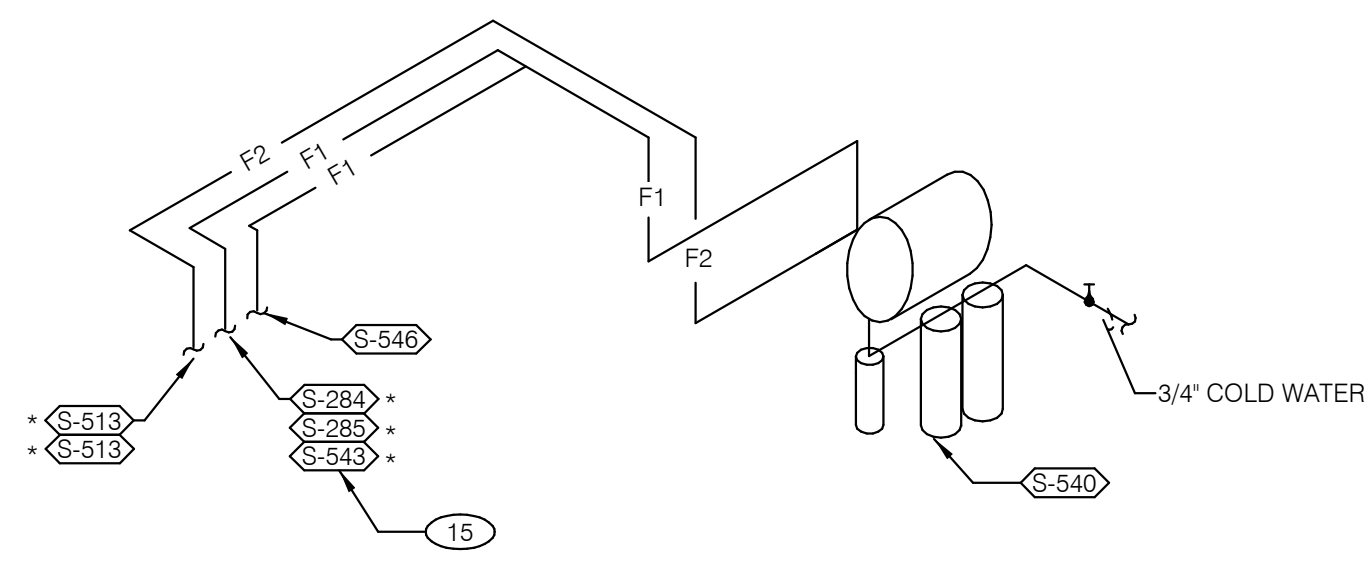
WASTE AND VENT ISOMETRIC NTS **1**

GAS DEMAND SCHEDULE	
RTU-1	180 CFH
RTU-2	260 CFH
WH-1	199 CFH
DUAL FRYER	160 CFH
RETHERMALIZER	110 CFH
TOTAL DEMAND 909.0 CFH = 909,000 BTUH	
NOTE: COORDINATE GAS DEMAND REQUIREMENTS WITH SITE-SPECIFIC RTU DESIGN.	

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



GAS ISOMETRIC NTS **5**



- FILTERED EQUIPMENT AND LINES:**
- S-540 - WATER FILTER
- FILTERED LINE (COLD WATER)**
- S-513 - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER *
 - S-513 - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *
 - S-285 - DRIVE-THRU BEVERAGE DISPENSER *
 - S-284 - SELF-SERVE BEVERAGE DISPENSER *
 - S-546 - ICED TEA BREWER
 - S-543 - FROZEN BEVERAGE DISPENSER
- * FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. REFER TO 11/P6.0. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

FILTERED WATER ISOMETRIC NTS **2**

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.
- 2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
- 3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 4 THERMOSTATIC MIXING VALVE.
- 5 METER AND REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. VERIFY LOCATIONS WITH CIVIL DRAWINGS.
- 6 EMERGENCY GAS SHUT-OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACTUATOR, SUITABLE FOR USE ON GAS PIPING SYSTEMS. VALVE SHALL BE ACTIVATED BY ANY OF THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT-OFF VALVE.
- 7 GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
- 8 PROVIDE NO HUB CAST IRON PIPE FOR FIRST 10 FEET OF PIPE FROM CONNECTION TO FLOOR SINK FS-2
- 9 PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN. RUN FULL SIZE PIPE FROM VALVE WITH TYPE "K" COPPER TUBING.
- 10 PROVIDE GAS SHUT-OFF VALVE IN CEILING SPACE.
- 11 1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO 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.

KEYNOTES - ISOMETRICS NTS **3**

DATE	REMARKS
1 10.28.21	NTS COMMENTS
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STORE NUMBER: 448335
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DRAWN BY.: AD
JOB NO.: 2018088.31

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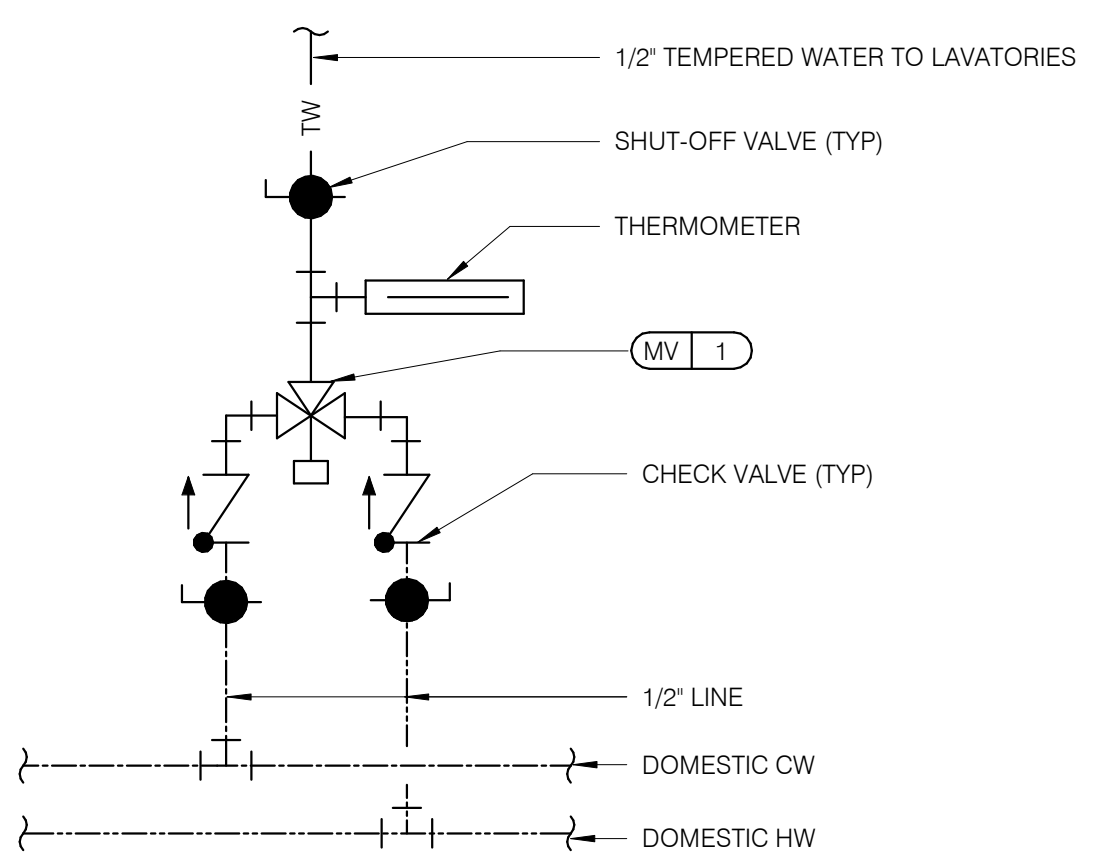


**ENDEAVOR 2.0
RISER
DIAGRAMS**

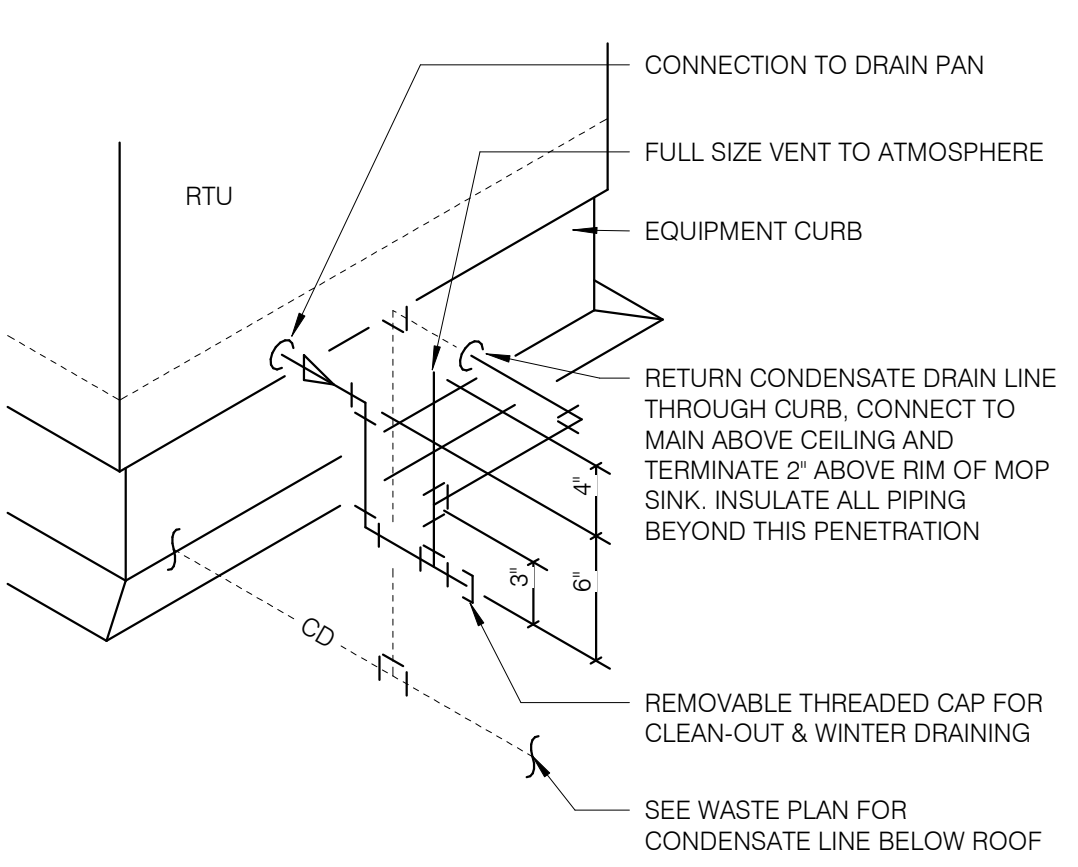
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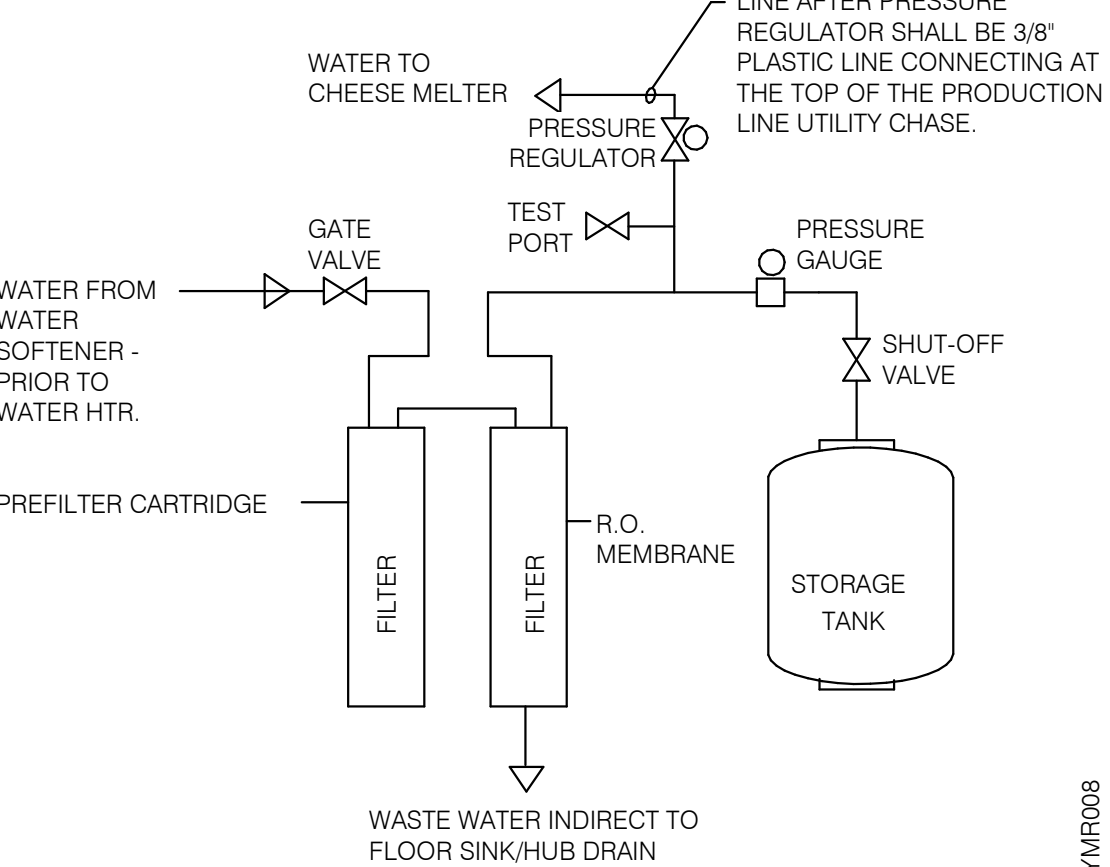
SERVICE CLEARANCES	
TOP	18"
SIDES	4"
FRONT	24"



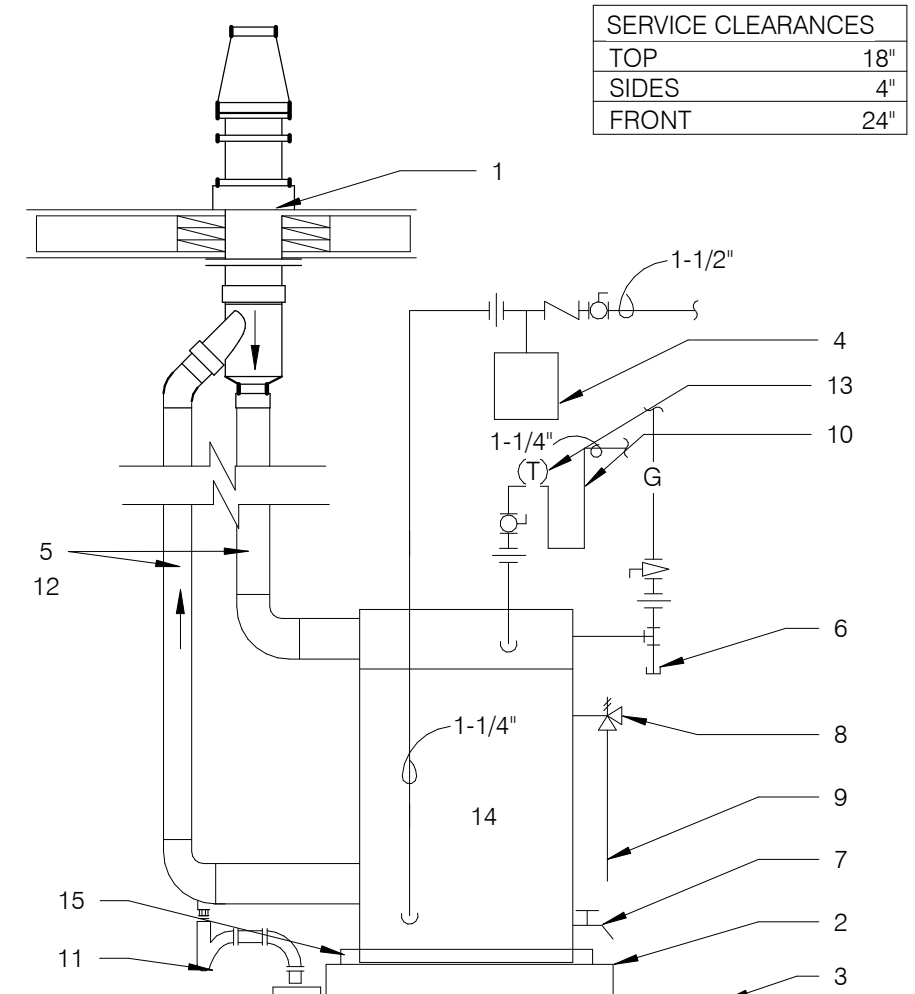
TEMPERING VALVE NTS **11**



RTU CONDENSATE NTS **10**

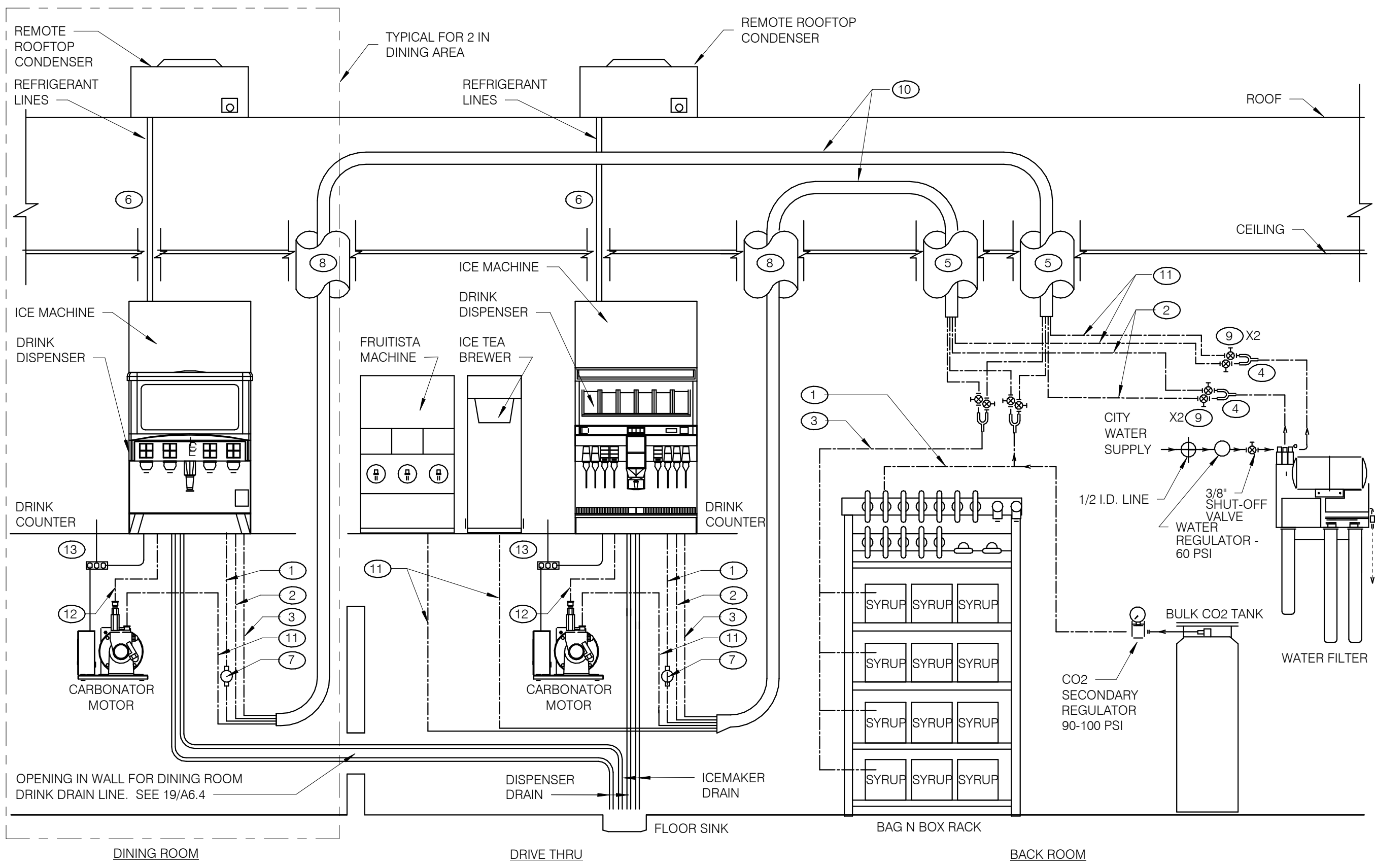


REVERSE OSMOSIS SYSTEM NTS **9**



- 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**



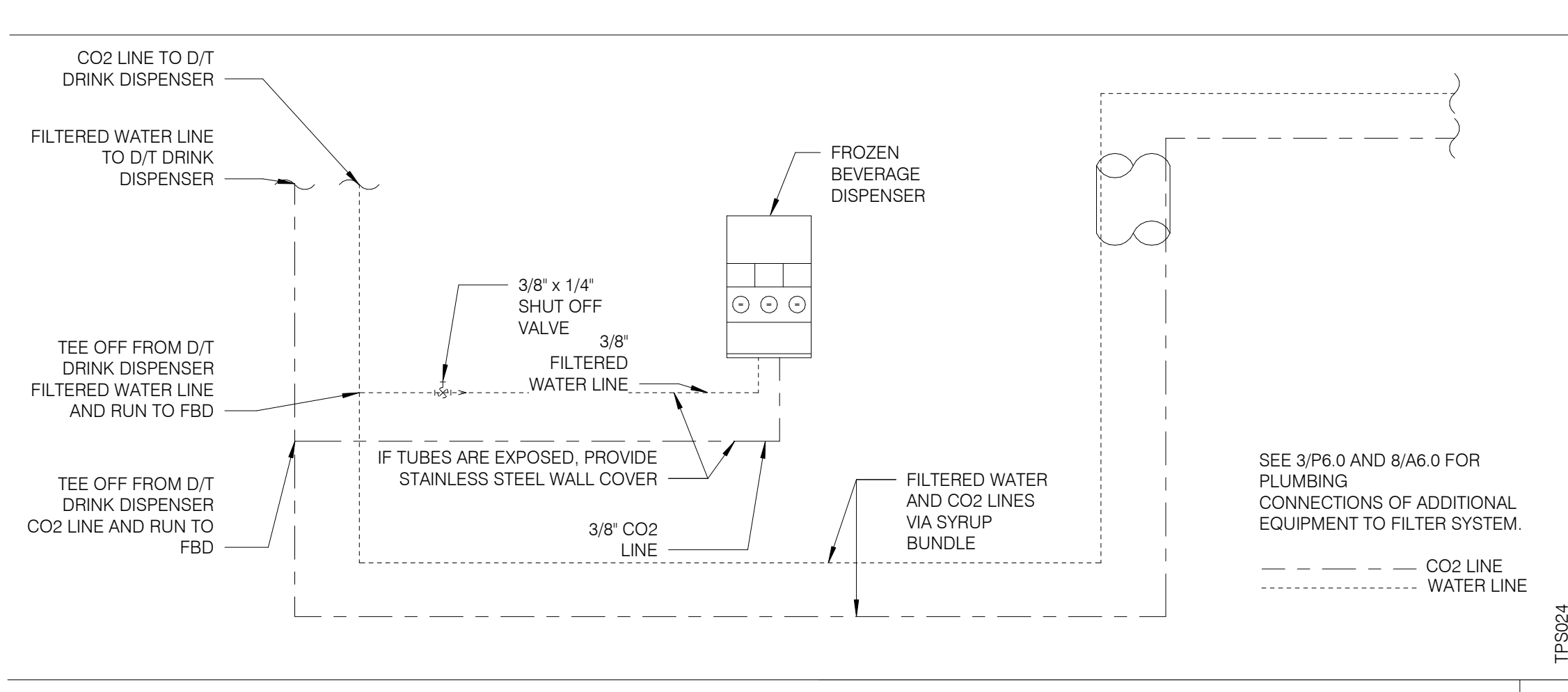
- GENERAL NOTES:**
1. OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 2. SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 3. ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
 4. INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 5. FILTER SHALL BE PROTECTED AGAINST FREEZING.
 6.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

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

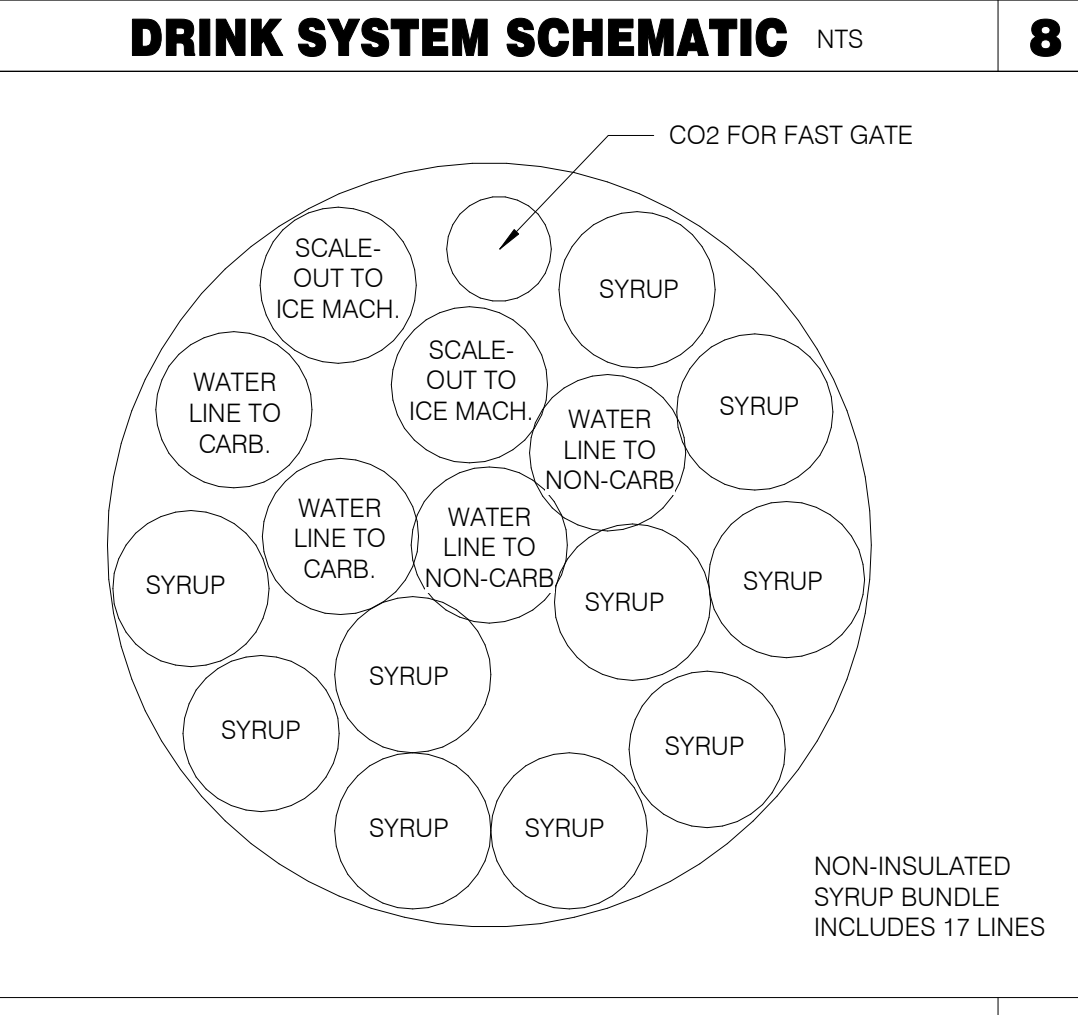
INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

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

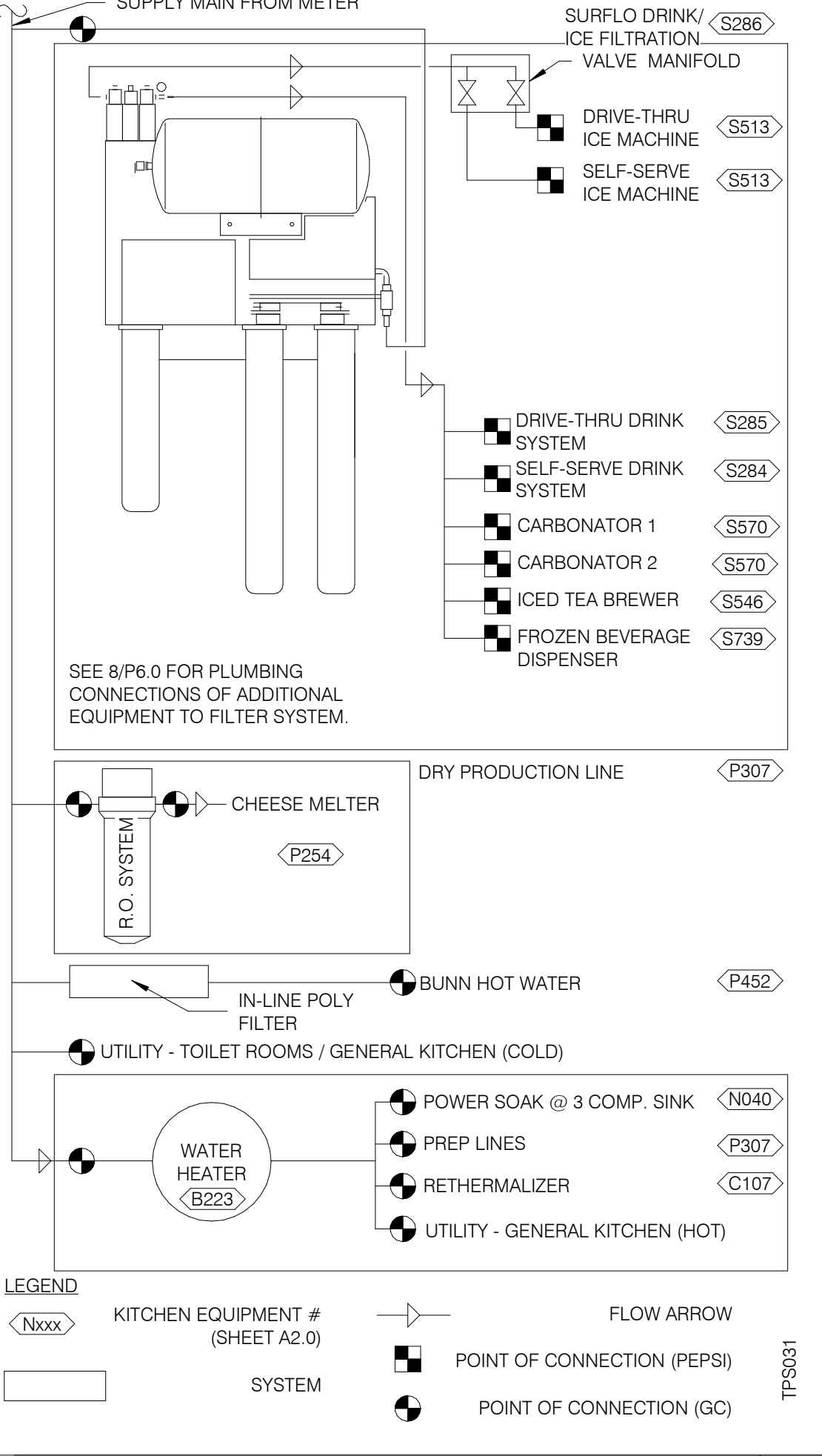
- KEY NOTES:**
- 1 3/8" CO₂ LINE
 - 2 3/8" FILTERED WATER LINE - ICE MACHINES
 - 3 3/8" SYRUP LINES
 - 4 1/2" X 3/8" X 3/8" "Y"
 - 5 BUNDLED TUBING CEILING PENETRATION.
 - 6 STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - 7 PRE-SET CO₂ REGULATOR
 - 8 RECESSED 4" DIA. PVC VERTICAL CHASE FOR DRINK SYSTEM BUNDLED TUBING SYSTEM.
 - 9 3/8" SHUT OFF VALVES BARB FITTINGS
 - 10 DRINK SYSTEM BUNDLED TUBING. SEE DETAIL 6/P6.0
 - 11 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA & DRINK MACHINES
 - 12 3/8" LINE FOR PRESSURIZED FILTERED WATER
 - 13 ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0



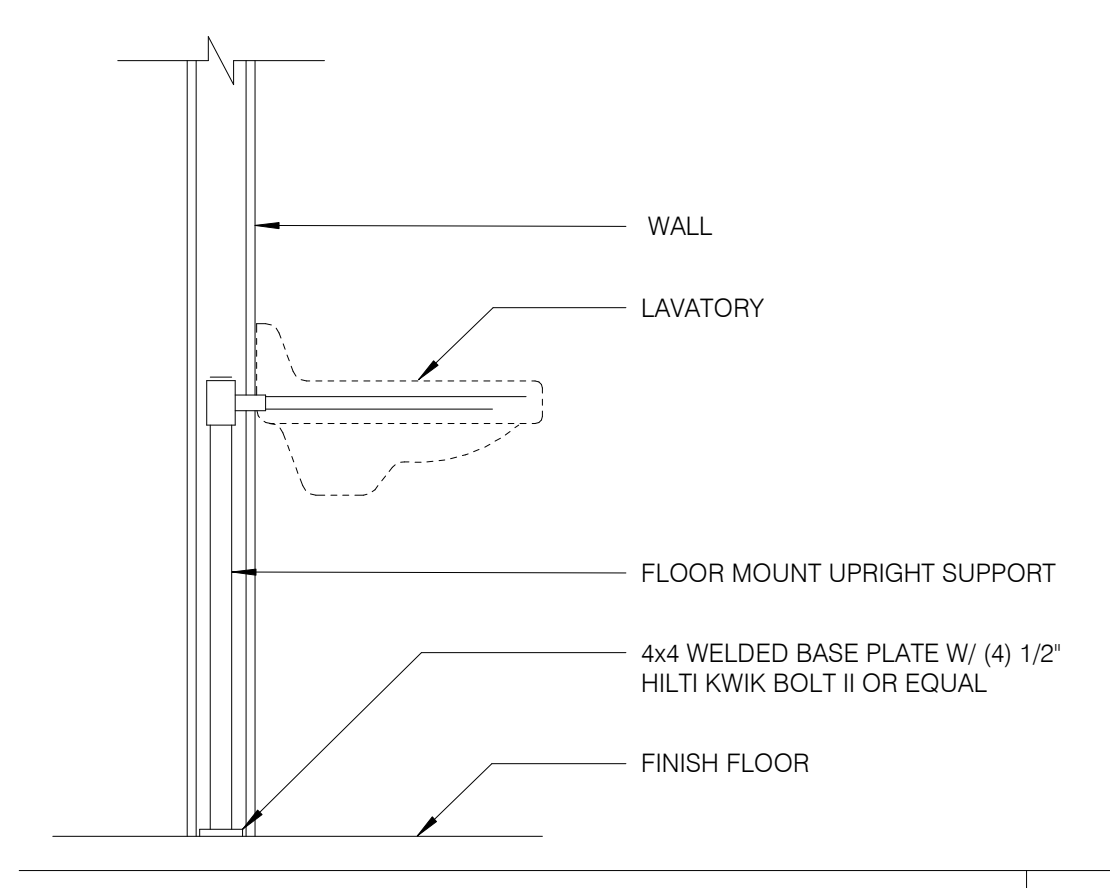
FBD DRINK SYSTEM DETAIL NTS **7**



SYRUP BUNDLE CONFIGURATION NTS **6**

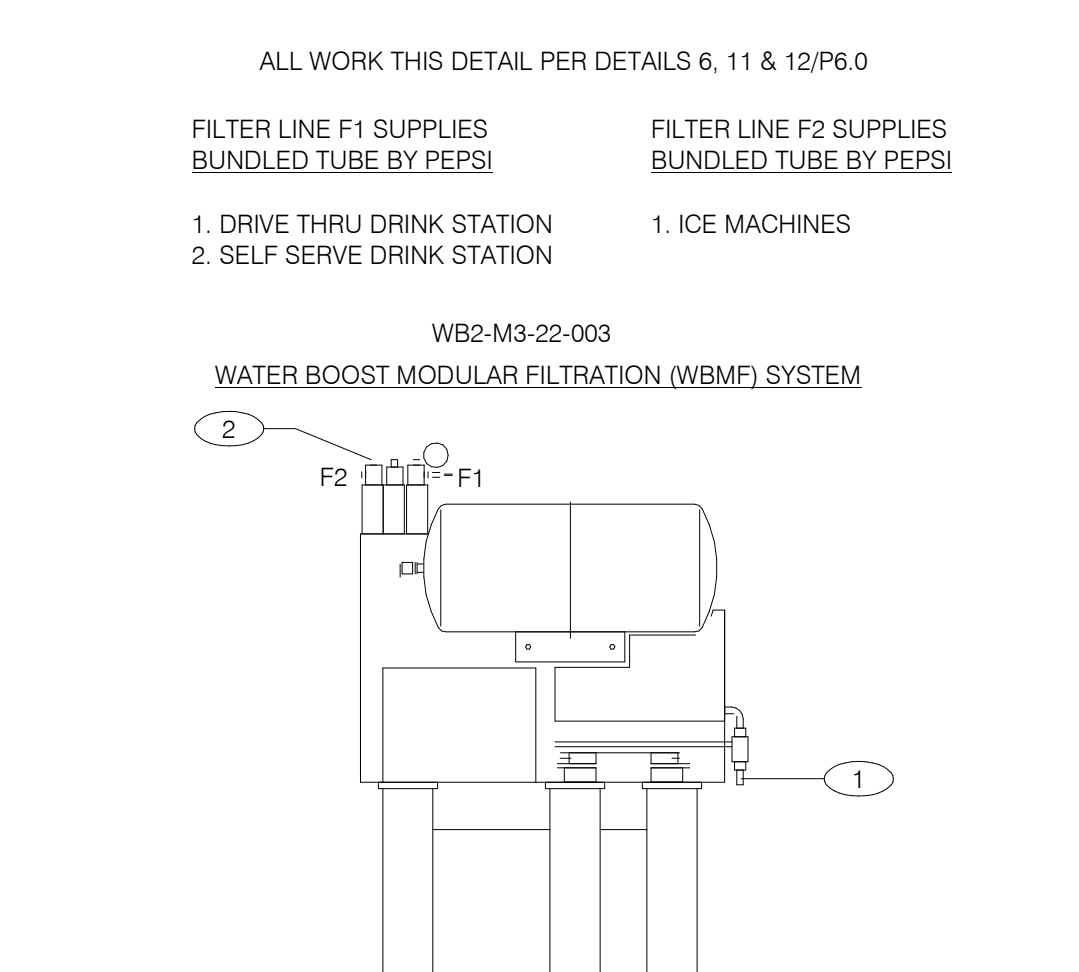


WATER FILTRATION SCHEMATIC NTS **3**

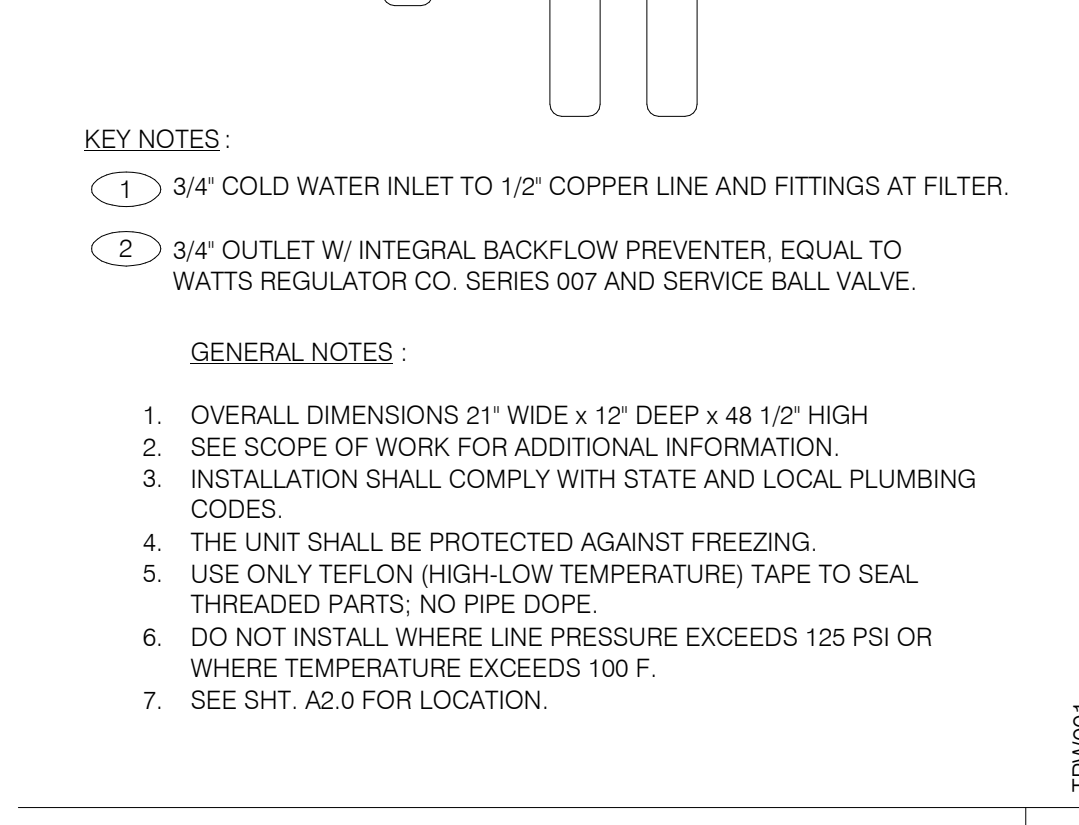


LAVATORY SUPPORT NTS **5**

WATER HEATER NTS **2**



WATER HEATER NTS **2**



WATER FILTER SYSTEM NTS **1**

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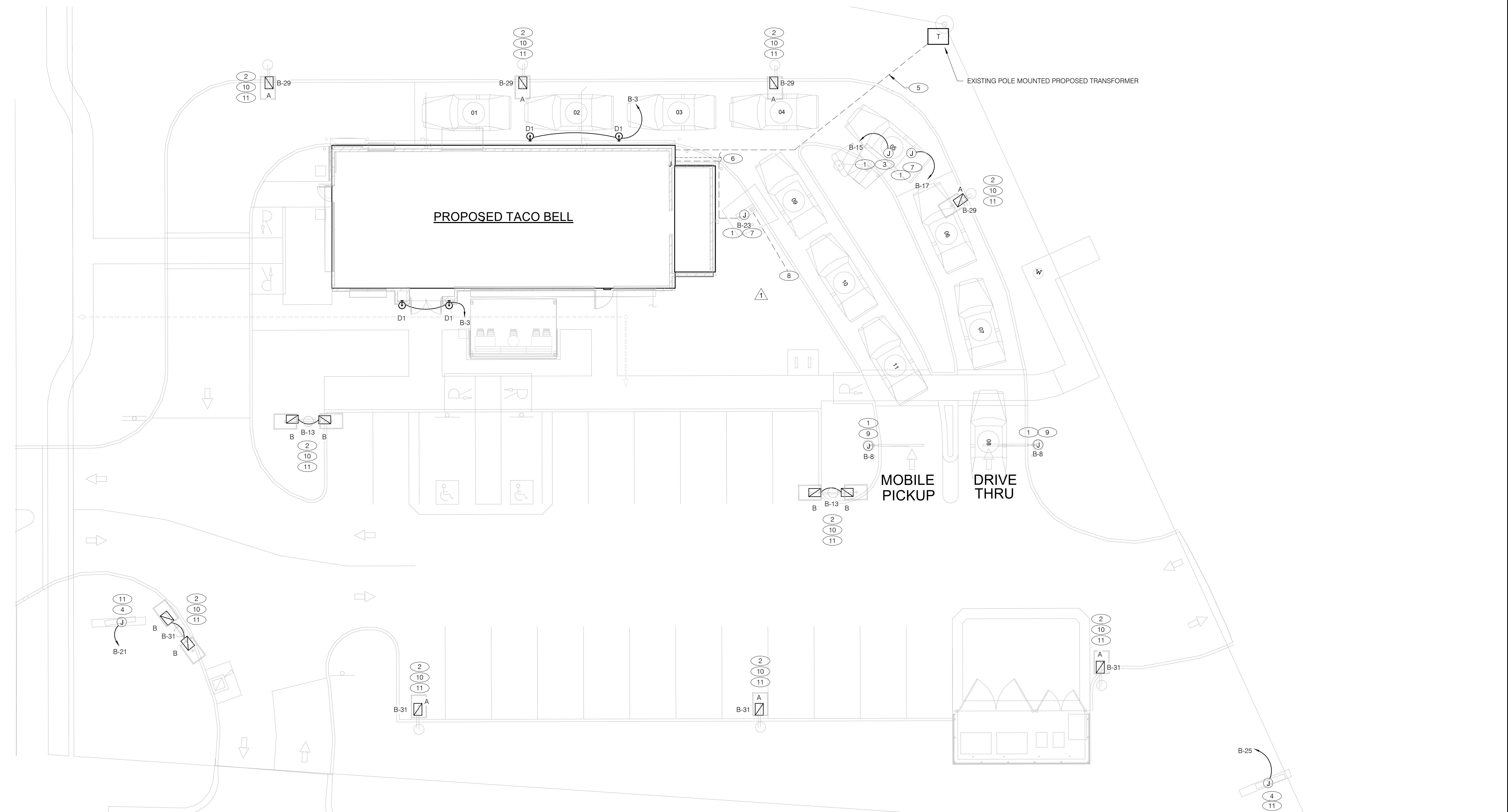


ENDEAVOR 2.0 PLUMBING DETAILS

P6.0



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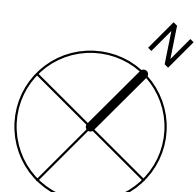
**ENDEAVOR 2.0
SITE
ELECTRICAL
PLAN**

E1.0

PLOT DATE: 1/19/2022 10:58:13 AM

- 1 1" C. - (2) #8, #8 GRD. (TYP. FOR ENTIRE CIRCUIT.)
- 2 REFER TO LIGHTING FIXTURE SCHEDULE ON E4.0 FOR ADDITIONAL INFORMATION ON LIGHTING FIXTURES. (TYPICAL)
- 3 DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. PROVIDE (2) #8AWG., #8 GND. IN 1" C. REFER TO CIVIL DRAWINGS.
- 4 EXISTING LED PYLON SIGN SHALL BE REFACED AND CIRCUITED TO PANEL SHOWN ON THIS DRAWING. COORDINATE EXACT REQUIREMENTS WITH SIGN VENDOR PRIOR TO ANY CONNECTIONS.
- 5 UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- 6 PROVIDE SEPARATE 2" TELEPHONE AND CABLE (HIGH SPEED 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 CONDUIT FOR FUTURE ODMB. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH TACO BELL CONSTRUCTION SUPERVISOR PRIOR TO ROUGH-INS.
- 9 CLEARANCE BAR. REFER TO CIVIL DRAWINGS.
- 10 LED SITE LIGHTING. REFER TO CIVIL DRAWINGS, TYP. REFER TO DETAIL 12/C1.1.
- 11 1" C. - (2) #8, #8 GND.

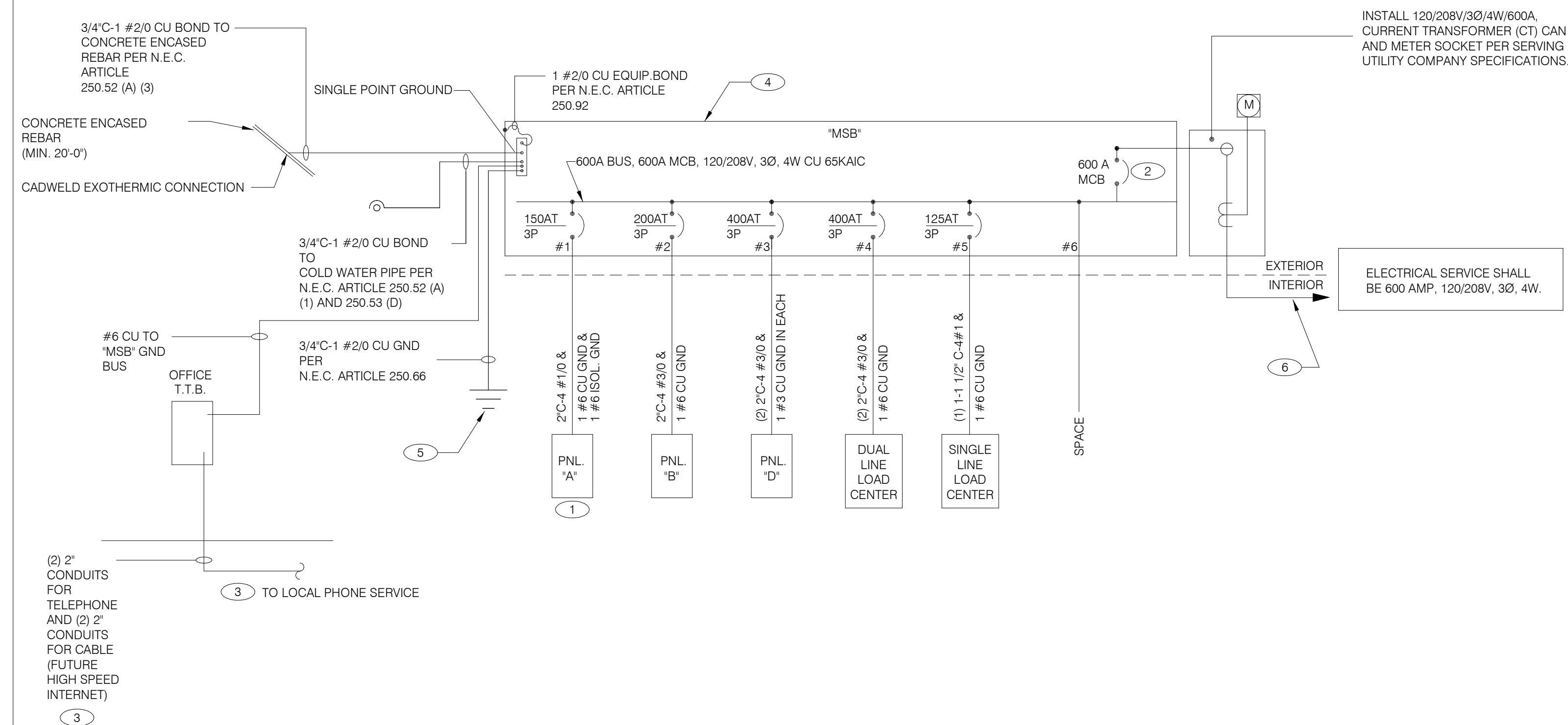
CONDUIT SCHEDULE		
DEVICE	POWER	DATA
DIRECTIONAL	(1) 1"	-
SPEAKER POST	(1) 1"	(1) 1"
MENUBOARD	(1) 1"	(2) 1"



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520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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
	EXIT SIGN (CEILING MOUNTED)	⊕	GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED		RELAY
	SECURITY STROBE	⊕	GROUND FAULT DEDICATED OUTLET		CONDUIT RUN, UNDERGROUND
		⊕	CEILING DUPLEX OUTLET		SMOKE DETECTOR
		⊕	DUPLEX ISOLATED GROUND OUTLET		EXTERIOR WALL FIXTURE
		⊕	DOUBLE DUPLEX ISOLATED GROUND OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
		⊕	DEDICATED ISOLATED GROUND		WEATHERPROOF GROUND FAULT
		⊕	SPECIAL PURPOSE OUTLET		
		⊕	CEILING SPECIAL PURPOSE OUTLET		
		⊕	ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHED.		
		⊕	HOLD UP EMERGENCY BUTTON		
		⊕	ELECTRICAL MOTOR		
		⊕	DUCT MOUNTED SMOKE DETECTOR		
		⊕	CONNECTION TO EQUIPMENT		

ELECTRICAL LEGEND NTS **D**

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

ONE LINE DIAGRAM GENERAL NOTES NTS **C**

- WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.
- PROVIDE 100% RATED MAIN CIRCUIT BREAKER IN MDP.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE AND 2" CONDUIT FOR FUTURE HIGH SPEED CABLE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.
- (3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250
- PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL 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 CU. IN EACH (2) 3-1/2".

ONE LINE DIAGRAM KEY NOTES NTS **B**

DATE	REMARKS
1 10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



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

E2.0

PLOT DATE: 1/19/2022 10:58:14 AM



Switchboard: MSB

Location: Volts: 120/208 Wye
Supply From: Phases: 3
Mounting: SURFACE Mains Type: MCB
Enclosure: NEMA-3R Wires: 4 Mains Rating: 600 A
A.I.C. Rating: 65 KAIC
Mains Type: MCB
Mains Rating: 600 A
MCB Rating: 600 A
100% RATED CIRCUIT BREAKER

Notes:

CKT	Circuit Description	WIRE SIZE	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANELBOARD A	1/0	3	225 A	150 A	28600 VA	--
2	PANELBOARD B	3/0	3	225 A	200 A	18105 VA	--
3	PANELBOARD D	3/0	3	400 A	400 A	75037 VA	--
4	DUAL COOK LINE PANEL	3/0	3	400 A	400 A	52000 VA	--
5	SINGLE COOK LINE	1	3	225 A	125 A	28800 VA	--
6	Space		--	--	--	0 VA	--
Total Conn. Load:						202542 VA	
Total Amps:						562 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	16900 VA	100.00%	16900 VA	
Kitchen	11958 VA	65.00%	7773 VA	
Lighting	9719 VA	125.00%	12149 VA	
Other	26750 VA	100.00%	26750 VA	
Power	113312 VA	100.00%	113312 VA	
Receptacle	6524 VA	100.00%	6524 VA	
Refrigeration	17379 VA	100.00%	17379 VA	
				Total Conn. Load: 202542 VA
				Total Est. Demand: 200787 VA
				Total Conn. Current: 562 A
				Total Est. Demand Current: 557 A

Panel: A

Location: Volts: 120/208 Wye
Supply From: MSB Phases: 3
Mounting: Recessed Mains Type: M.L.O.
Enclosure: Type 1 Wires: 4 Mains Rating: 150 A
A.I.C. Rating: SERIES
Mains Type: M.L.O.
Mains Rating: 150 A
MCB Rating: N/A

Notes:
PROVIDE ISOLATED GROUND BAR

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES		
	1	P-417 TIMER	20 A	1	180 VA	300 VA		1	20 A	F-040 OFFICE COMPUTER	2	IG		
	GF	S-546 ICED TEA	20 A	1		480 VA	720 VA	1	20 A	DRIVE THRU POS/ORDER ENTRY 1	4			
	5	OFFICE QUAD RECEPTACLE	20 A	1			180 VA	480 VA	1	20 A	S-546 BREWER	6	GF	
	7	J-BOX SECURITY SYSTEM / DVR	20 A	1	1180...	180 VA			1	20 A	U-011	8		
	GF	S-026 HEAT CABINET	20 A	1		1800...	540 VA		1	20 A	RECEPTACLES - OFFICE	10		
	IG	U-050 C.C. SATELLITE ROUTER...	20 A	1				860 VA	648 VA	1	20 A	S-204 D/T TIMING SYSTEM	12	
	13	F-090	20 A	1	1540...	1140...			1	20 A	R-009 FULL HEIGHT FREEZER	14	GF	
	GF	BEVERAGE DISPENSER D/T	15 A	1		1428...	2013...		2	30 A	P-452 HOT WATER SYSTEM	16		
	17	P-452 HOT WATER SYSTEM	30 A	2	2013...	240 VA		2013...	2013...	1	20 A	C-107 RETHERMALIZER	20	GF
	19									1	0 A	SHUNT TRIP SPACE	22	ST
	21	SECURITY CAMERA POWER	20 A	1			600 VA	0 VA		1	15 A	C-400 COOK TIMER	24	
	GF	C-026 FRYER	20 A	1				972 VA	100 VA	1	20 A	INTERIOR DIGITAL MENUBOARD	26	
	ST	SHUNT TRIP SPACE	0 A	1	0 VA	500 VA				1	20 A	OCB SWITCH	28	
	27	INTERIOR DIGITAL MENUBOARD	20 A	1		500 VA	500 VA			1	20 A	S-027 HEAT CABINET	30	GF
	29	DINING POS ENTRY 2	20 A	1			680 VA	1800...		1	20 A	SAFE W/TOUCHSCREEN CONTROLS	32	
	IG	DRIVE THRU MONITORS	20 A	1	180 VA	360 VA				1	20 A	DINING POS ENTRY 1	34	IG
	33	RECIRCULATION PUMP	20 A	1		200 VA	1180...			1	20 A	AUTO FAUCET POWER	36	
	IG	KIOSK POWER - FRONT COUNTER	20 A	1				200 VA	700 VA	1	20 A	Spare	38	
	37	MAINTENANCE RECEPTACLE	20 A	1	180 VA	0 VA				1	20 A	Spare	40	
	39	Spare	20 A	1		0 VA	0 VA			1	20 A	Spare	42	
	41	Spare	20 A	1			0 VA	0 VA		1	20 A	Spare		
					Total Load:	7993 VA	9961 VA	10646 VA						
					Total Amps:	67 A	86 A	91 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	23224 VA	100.00%	23224 VA	
Receptacle	2808 VA	100.00%	2808 VA	
				Total Conn. Load: 28600 VA
				Total Est. Demand: 28600 VA
				Total Conn. Current: 79 A
				Total Est. Demand Current: 79 A

Panel: B

Location: Volts: 120/208 Wye
Supply From: MSB Phases: 3
Mounting: Recessed Mains Type: M.L.O.
Enclosure: Type 1 Wires: 4 Mains Rating: 200 A
A.I.C. Rating: SERIES
Mains Type: M.L.O.
Mains Rating: 200 A
MCB Rating: N/A

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES	
	1	DINING LTS	20 A	1	508 VA	1500...		1	20 A	EXTERIOR SIGNAGE	2		
	3	EXTERIOR SCONCE LTS.	20 A	1		240 VA	216 VA	1	20 A	UTILITY RECEPT	4	GF	
	5	KITCHEN/ BOH/ RESTROOM LTS	20 A	1			1252...	91 VA	1	20 A	EMERGENCY LTS INT/EXT, EXIT SIGNS	6	
	7	LTG - SHOW WINDOW	20 A	1	600 VA	1000...			1	20 A	CLEARANCE BARS	8	
	9	LTG - SHOW WINDOW	20 A	1		600 VA	500 VA		1	20 A	TBCCB	10	
	11	LTG - COOLER & FREEZER	20 A	1			800 VA	500 VA	1	20 A	E1AN TBANS	12	
	13	LTG - SITE LIGHTING	20 A	1	748 VA	27 VA			1	20 A	PATIO LIGHTING	14	
	15	DIGITAL MENU BOARD	20 A	1		360 VA	0 VA		1	20 A	Spare	16	
	17	SPEAKER POST	20 A	1			500 VA	0 VA	1	20 A	Spare	18	
	19	CANOPY LIGHTING	20 A	1	700 VA	0 VA			--	--	Space	20	
	21	LTG - PYLON SIGN	20 A	1		500 VA	0 VA		--	--	Space	22	
	23	SPEAKER POST	20 A	1			500 VA	0 VA	--	--	Space	24	
	25	LTG - PYLON SIGN	20 A	1	500 VA	0 VA			1	20 A	Spare	26	
	27	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	28	
	29	LTG - SITE LIGHTING	20 A	1			748 VA	0 VA	1	20 A	Spare	30	
	31	LTG - SITE LIGHTING	20 A	1	935 VA	0 VA			1	20 A	Spare	32	
	33	EF-1	20 A	1		1120...	1500...		1	20 A	PURPLE WALLWASH LIGHTS	34	
	35	EF-2	20 A	1			660 VA	1500...	1	20 A	PURPLE WALLWASH LIGHTS	36	
	37	Spare	20 A	1	0 VA	0 VA			1	20 A	Spare	38	
	39	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	40	
	41	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	42	
					Total Load:	6519 VA	5036 VA	6551 VA					
					Total Amps:	56 A	42 A	56 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	830 VA	100.00%	830 VA	
Power	4360 VA	100.00%	4360 VA	
Lighting	9719 VA	125.00%	12149 VA	
HVAC	1780 VA	100.00%	1780 VA	
Receptacle	1416 VA	100.00%	1416 VA	
				Total Conn. Load: 18105 VA
				Total Est. Demand: 20535 VA
				Total Conn. Current: 50 A
				Total Est. Demand Current: 57 A

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER
 AF - ARC-FAULT CIRCUIT INTERRUPTER
 ST - SHUNT TRIP
 HL-ON - HANDLE-LOCK ON DEVICE
 HL-OFF - HANDLE-LOCK OFF DEVICE
 EPD - EQUIPMENT PROTECTION DEVICE
 IG - ISOLATED GROUND

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER
 AF - ARC-FAULT CIRCUIT INTERRUPTER
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 HL-ON - HANDLE-LOCK ON DEVICE
 HL-OFF - HANDLE-LOCK OFF DEVICE
 EPD - EQUIPMENT PROTECTION DEVICE
 IG - ISOLATED GROUND

NOTE

PARKING LOT LIGHTING AND SIGNAGE SHALL PASS THROUGH TBCCB

NOTE TO CONTRACTORS

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

GENERAL NOTE:

FOR PARKING LOT (SITE) LIGHTS AND OUTSIDE SIGNS: PROVIDE (5) 1" C FROM PANEL "B" AND STUB OUT 10'-0" AWAY FROM THE BUILDING. VERIFY EXACT LOCATION OF STUB PRIOR TO ROUGH-IN. LOADS MAY VARY WITH LOCATION. VERIFY OUTDOOR VOLTAGE DROP FOR ALL PARKING LIGHTING (SITE) CIRCUITS.

KEY NOTES:

- PROVIDE LOCK-ON BREAKER.
- CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS 6.0 AND 6.1.
- PROVIDE GFI BREAKER. CIRCUIT TO BE WIRED THROUGH TBANS. SEE SHEETS E7.0 AND E7.1.

DATE	REMARKS
10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END. MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY: AJR
 JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
ELECTRICAL
SCHEDULES**

E2.1



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AKRON, OH 44311
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COMMERCIAL KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT IDENTIFICATION		EQUIPMENT ELECTRICAL CHARACTERISTICS				EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT				NOTES			
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/RFLA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE		NEMA	SUPPLIED BY	INSTALLED BY
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"	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"	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"	CU	ST	C&P	20	5-20	ES	ES	1,2
C-107	O	REHEATING RACK	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"	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"	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"	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"	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"	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"	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"	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"	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"	CU	ST	DIRECT	20	1	ES	ES	8
L-043	O	INTERIOR ROTATING MENU BOARD & REMOTE ALARM LT	120 V/1-500 VA	9.0	11.8	20	20	1	#12 W/#12 G IN 3/4"	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"	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"	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"	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"	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"	CU	ST	C&P	20	5-20	ES	ES	2
S-026	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-027	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"	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"	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"	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"	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"	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"	CU	ST	C&P	15	5-15	ES	ES	2
S-540	O	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.8	20	20	1	#12 W/#12 G IN 3/4"	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"	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"	CU	ST	C&P	20	5-20	ES	ES	2
S-550	O	BAG IN BOX RACK	120 V/1-564 VA	4.7	5.8	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	15	5-15	ES	ES	2
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/3-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"	CU	ST	C&P	30	6-30	ES	ES	2
SCL	O	SINGLE COOK LINE (OPTIONAL)	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"	CU	ST	DIRECT	200	J-BOX	ES	ES	8
U-011	O	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	2.4	20	20	1	#12 W/#12 G IN 3/4"	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"	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"	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"	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"	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: MSB
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	CONVIENCE RECEPTACLES	20 A	1			360 VA	1560...				12		
	13	GENERAL PURPOSE RECEPTACLES	20 A	1	1440...	1600...						14		
GF	15	DRINK FOUNTAIN - S-284 AND R-XX1	20 A	1		1254...	1600...		2	20 A	ICE MAKER CONDENSER D/T	16		
	17	ICE MAKER CONDENSER	20 A	2			1600...	1600...	2	20 A	ICE MAKER CONDENSER	18		
	19	ICE MAKER CONDENSER	20 A	1	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				8640...	1200...						32		
	33	RTU-2	80 A	3			8640...	1393...				34		
	35							8640...	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:					24353 VA	25905 VA	24779 VA							
Total Amps:					203 A	216 A	207 A							

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	25920 VA	100.00%	25920 VA	Total Conn. Load: 75037 VA
Power	4928 VA	100.00%	4928 VA	
HVAC	15120 VA	100.00%	15120 VA	Total Est. Demand: 71751 VA
Receptacle	2300 VA	100.00%	2300 VA	Total Conn. Current: 208 A
				Total Est. Demand Current: 199 A

Notes:

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

- GF - GROUND FAULT CIRCUIT INTERRUPTER
- AF - ARC-FAULT CIRCUIT INTERRUPTER
- ST - SHUNT TRIP
- HL-ON - HANDLE-LOCK ON DEVICE
- HL-OFF - HANDLE-LOCK OFF DEVICE
- EPD - EQUIPMENT PROTECTION DEVICE
- IG - ISOLATED GROUND

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PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2018088.31

TACO BELL

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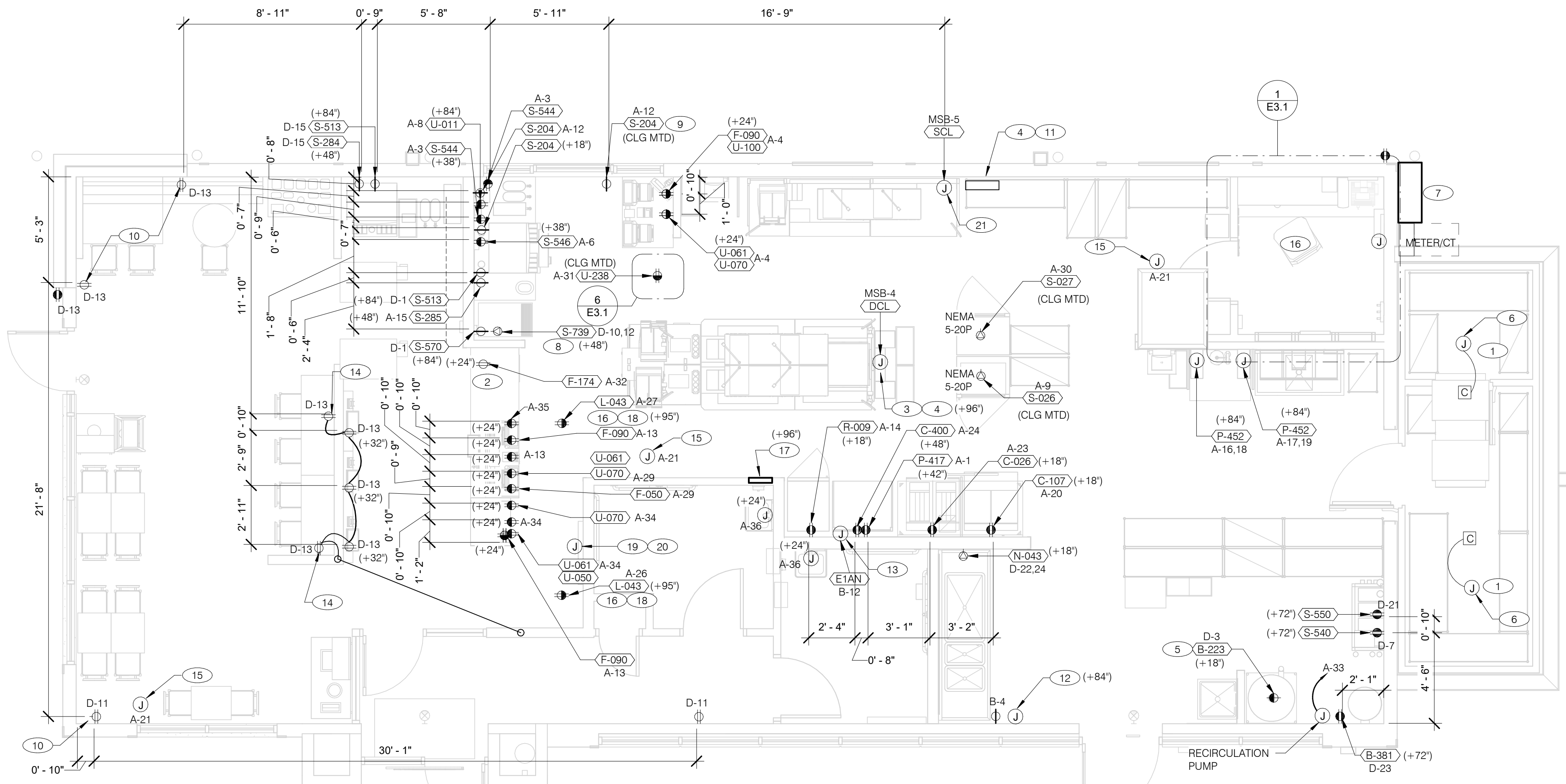


ENDEAVOR 2.0
ELECTRICAL
SCHEDULES

E2.2

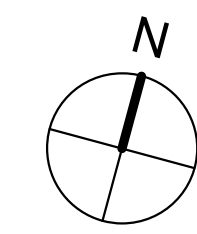


520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



RECEPTACLE NOTE:
ALL RECEPTACLES IN PUBLIC AREAS SHALL BE TAMPER RESISTANT.

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



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

- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.
- D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURERS SHOP DRAWINGS.
- H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.
- I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.
- K. PER SECTION 210.8 NEC 2017, ALL SINGLE PHASE RECEPTACLE RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERS OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERERS OR LESS.
- L. DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- M. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- N. E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
- P. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.
- Q. FOR ALL CIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL PROVIDE CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.
- R. OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
- S. CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINERY REAR WALL.
- 3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 LOCATED INSIDE SHELL OF HEATER.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER. PROVIDE 30A/2P FUSIBLE DISCONNECT SWITCH.
- 9 CEILING MOUNTED RECEPTACLE FOR WALL MOUNTED HME. SEE 7/E3.1
- 10 PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.
- 11 VERIFY PANEL LOCATION OF COOK LINE WITH TACO BELL CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- 12 PROVIDE J-BOX FOR POWER SOAK INDICATOR LIGHT. (OPTIONAL)
- 13 VERIFY LOCATION OF JUNCTION BOX WITH CONSTRUCTION MANAGER.
- 14 E.C. SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE WITH (2) USB POWER PORTS IN SINGLE-GANG BOX PROVIDED WITH TABLE, AT EACH END OF THE TABLE. PROVIDE GALVANIZED COVER PLATE TO MATCH BOX.
- 15 PROVIDE POWER FOR SECURITY CAMERAS. COORDINATE WITH CAMERA VENDOR, SECURITY, AND CONSTRUCTION SUPERVISOR PRIOR TO ROUGH-IN.
- 16 QUAD RECEPTACLE FOR FUTURE DIGITAL MENUBOARD. TYPICAL OF 2.
- 17 2-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. MOUNT CENTER OF BOX AT 48" A.F.F.. REFER TO E7.0.
- 18 EC / GC TO INSTALL A TOTAL OF (2) QUAD OUTLETS IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE STRAIGHT BLADE. OUTLETS TO BE ON AN ISOLATED/DEDICATED GROUNDED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM.
- 19 EC / GC TO INSTALL (1) OPEN DATA JUNCTION BOX (JB) IN VALANCE WALL. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.
- 20 EC / GC TO RUN (3) ORANGE CAT 6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.
- 21 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 125 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.

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

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

TACO BELL
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FRANKLIN, IN 46131



ENDEAVOR 2.0 ELECTRICAL POWER PLAN

E3.0

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

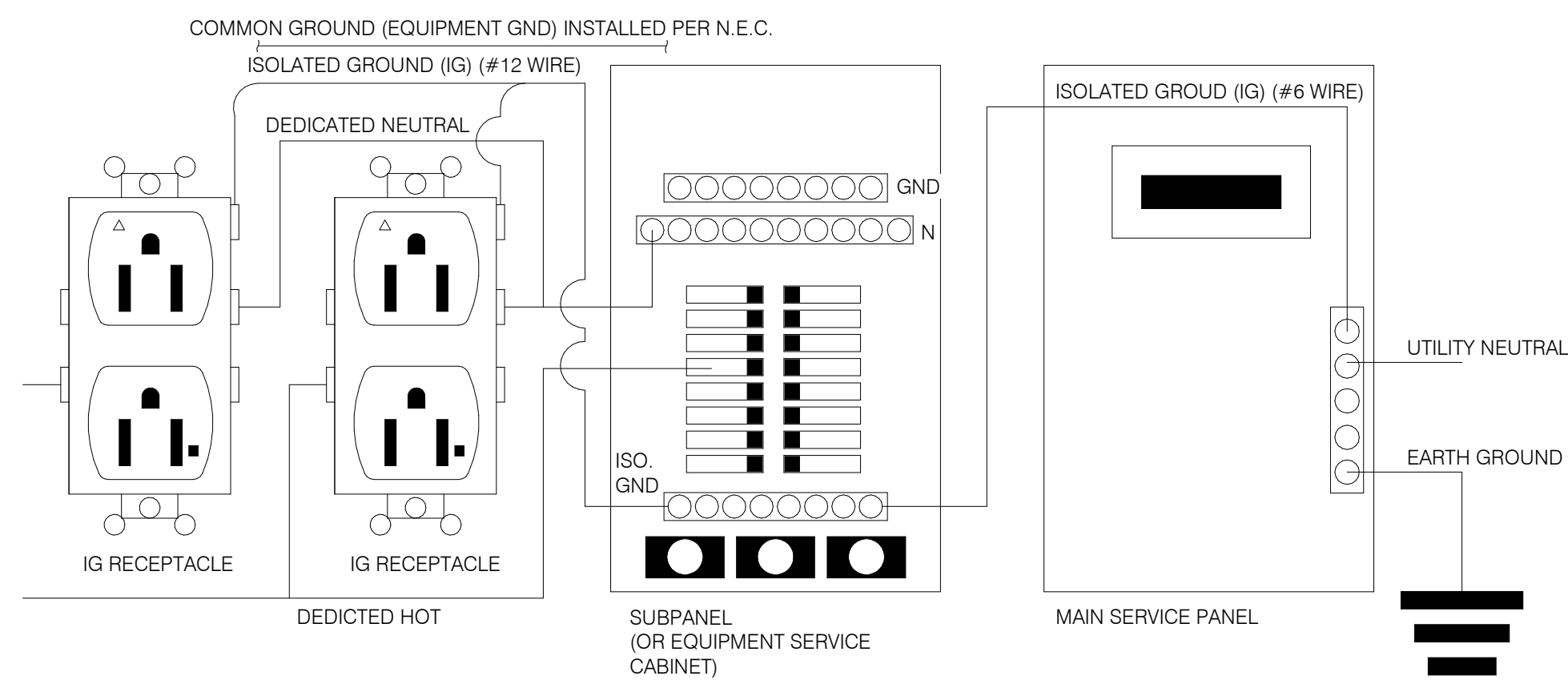
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

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

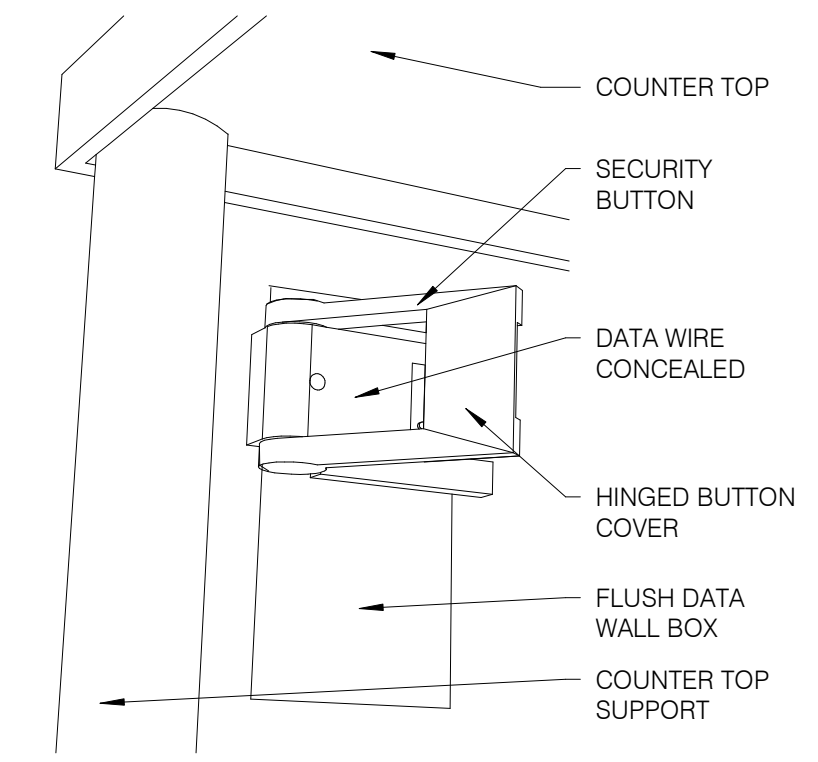
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

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

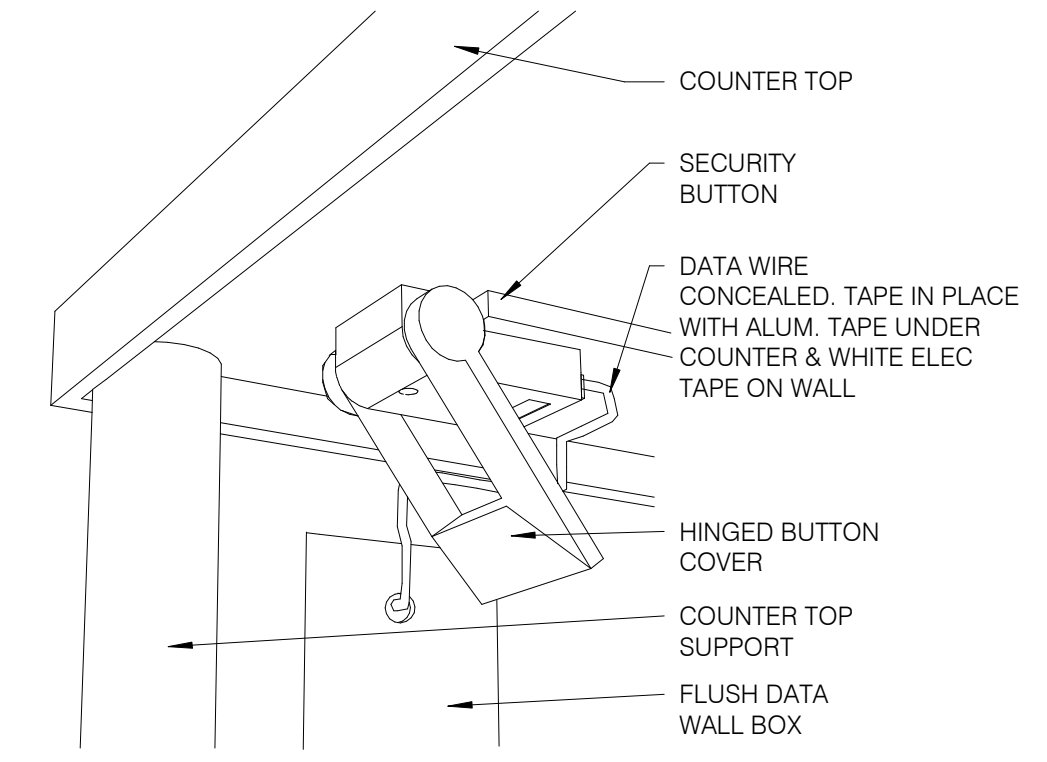


NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS

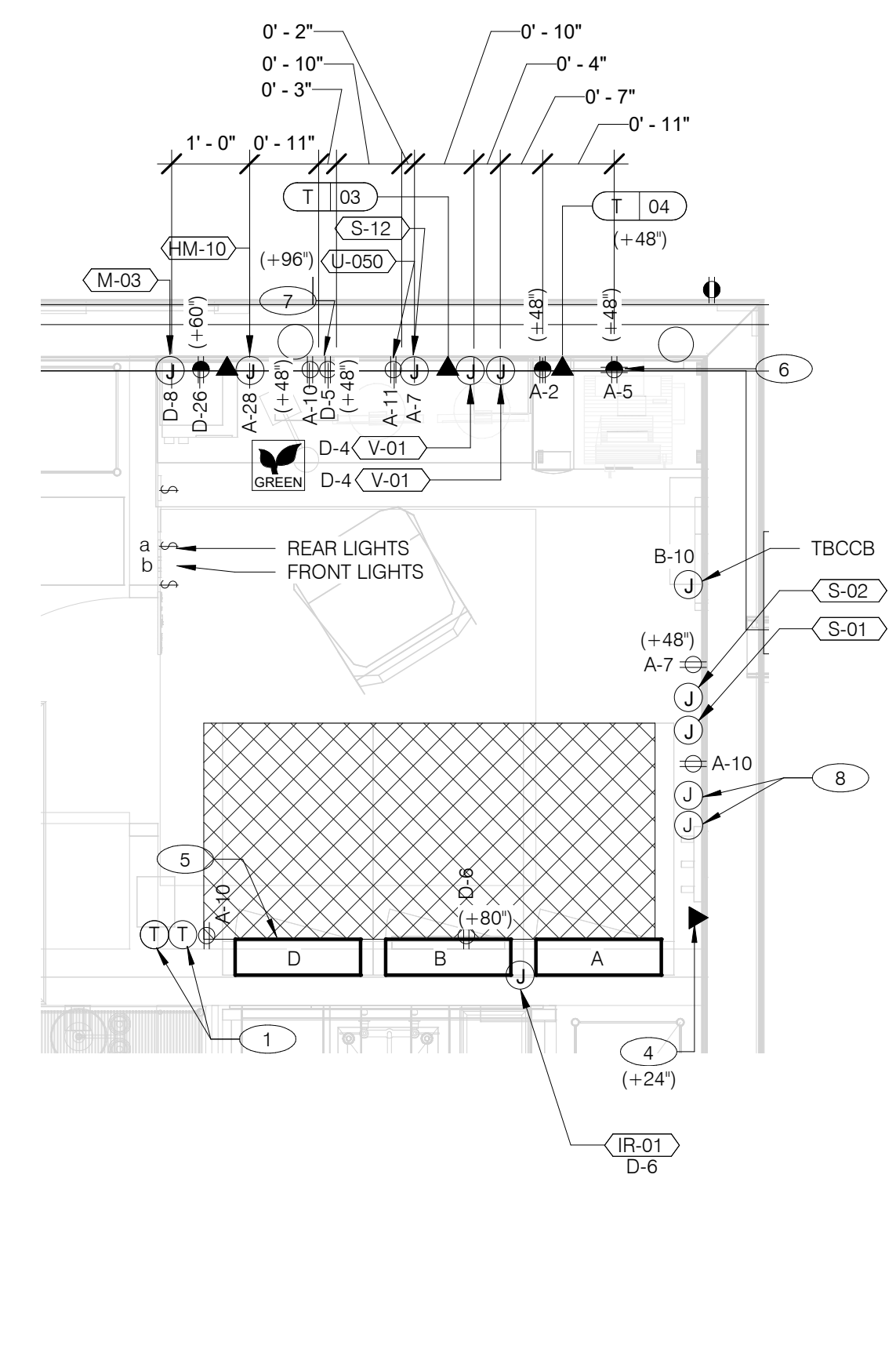
P.O.S. ISOLATED GROUND SYSTEM NTS **6**



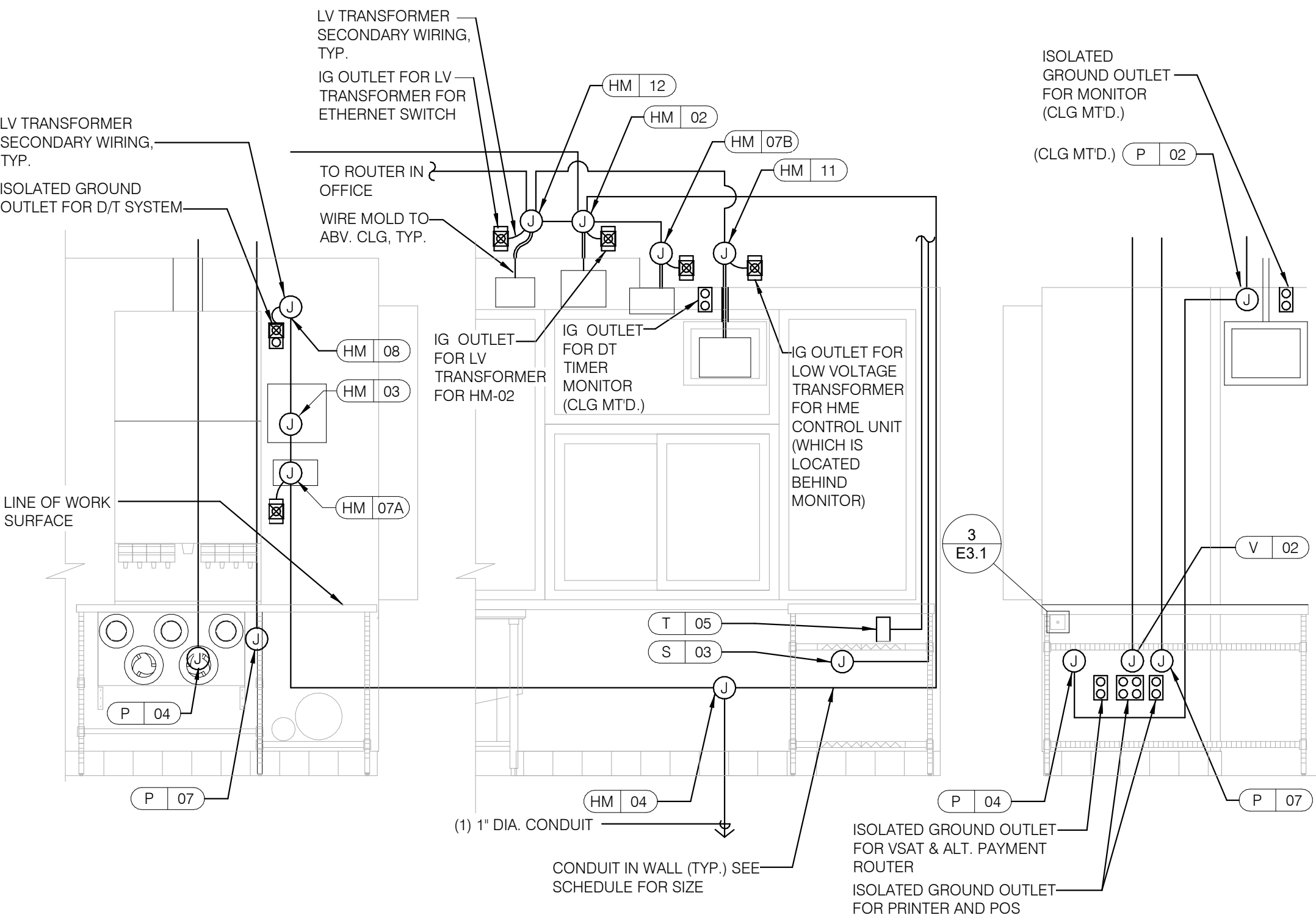
SECURITY BUTTON ON WALL NTS **3**



SECURITY BUTTON UNDER COUNTER NTS **4**



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



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.

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

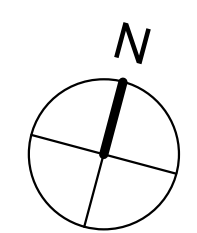
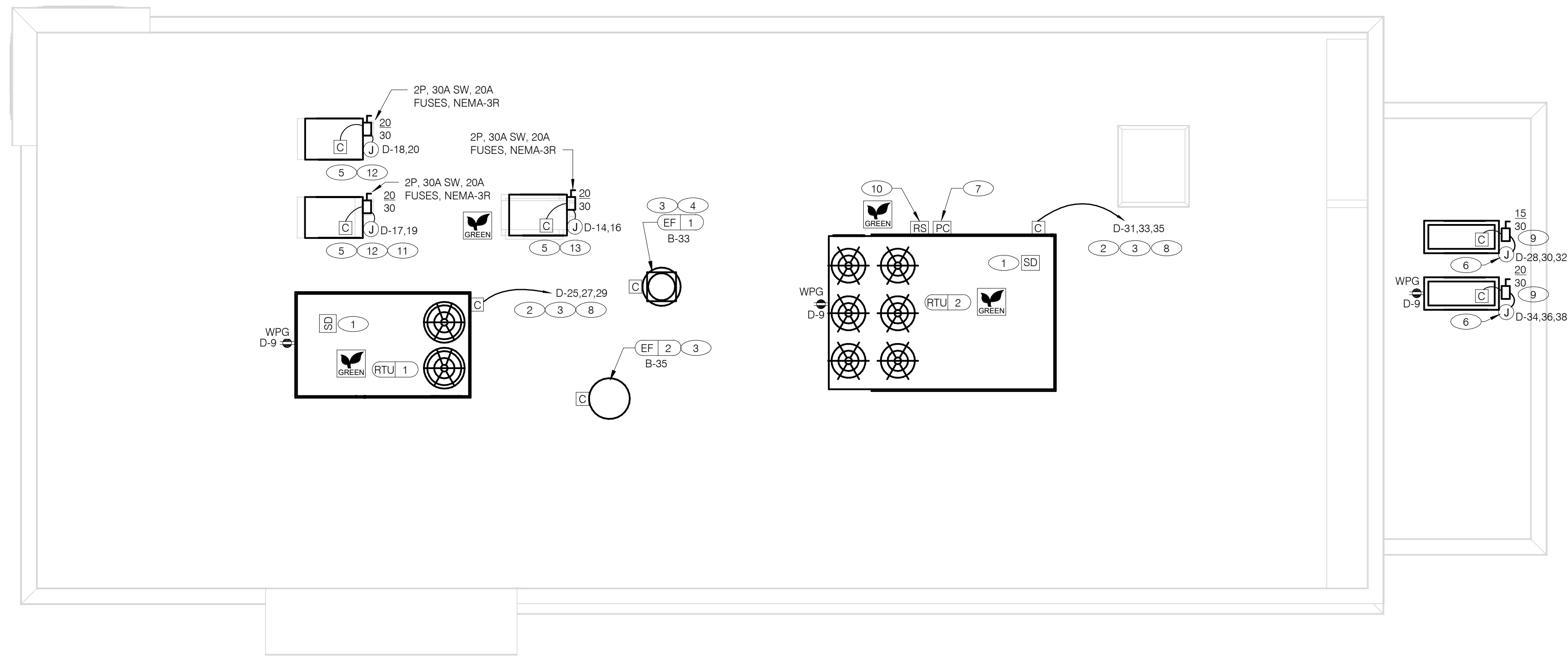
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TACO BELL
 ENDEAVOR 2.0
 ENLARGED
 POWER PLAN
 AND DETAILS

E3.1
 PLOT DATE: 1/19/2022 10:58:21 AM



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

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

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

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

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

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

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

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

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

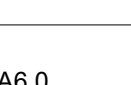
5 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.


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

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

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

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

10 RAIN SENSOR. 

11 PIPE HOOD. SEE 9/A6.0 

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

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

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TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131

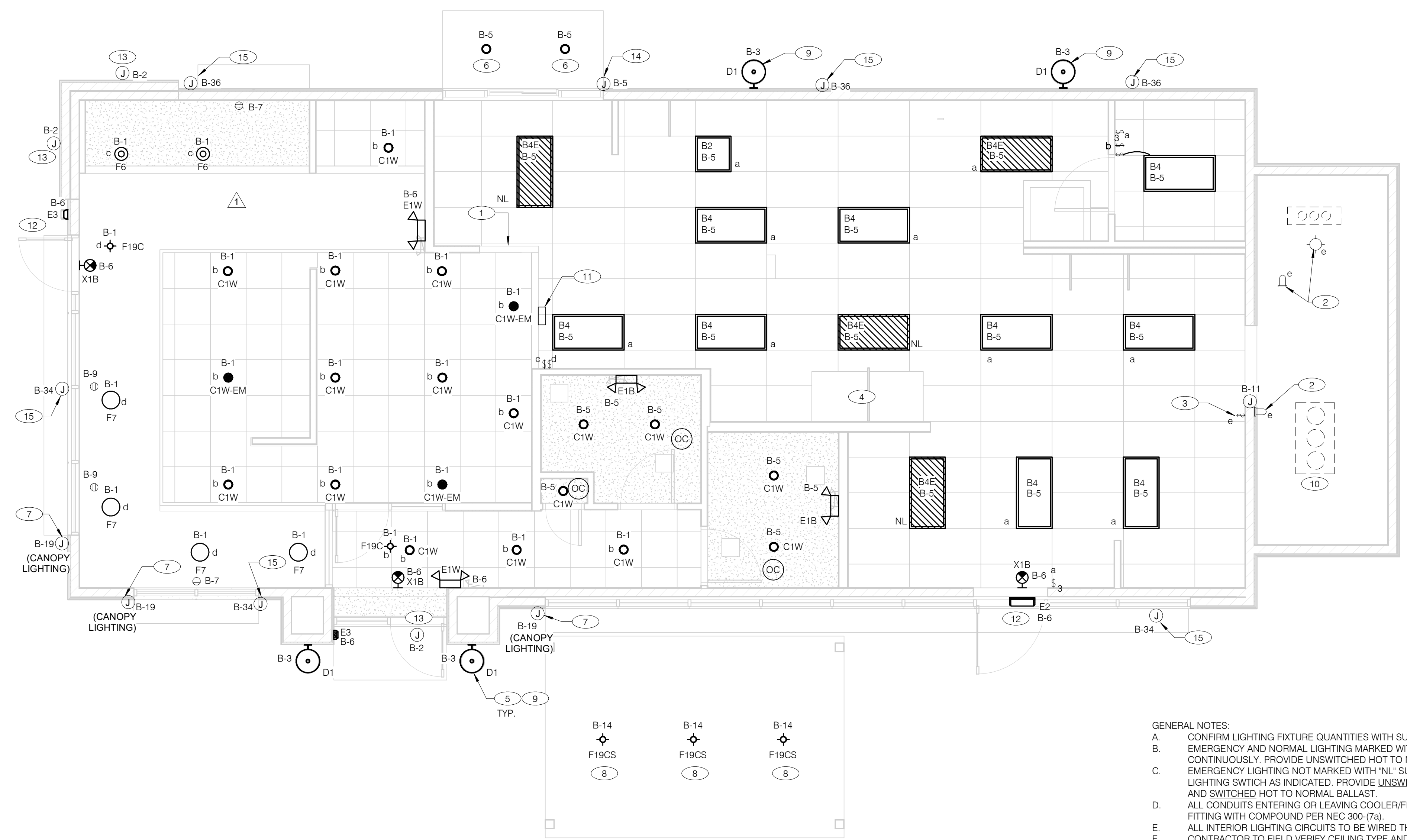


**ENDEAVOR 2.0
ELECTRICAL
POWER ROOF
PLAN**

E3.2
PLOT DATE: 1/19/2022 10:58:23 AM



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



GENERAL NOTES:
 A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
 B. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
 C. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-17a).
 D. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB. SEE E6.0 AND E6.1.
 E. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
 F. ALL FIXTURES SUPPLIED WITH LAMPS.
 G. ALL EXTERIOR NON-EMERGENCY LIGHT FIXTURES, BUILDING SIGNS, AND EXTERIOR SIGNS SHALL BE CONTROLLED THROUGH PHOTOCELL AND LIGHTING CONTROL RELAYS. SEE E6.0 AND E6.1 FOR ADDITIONAL DETAILS.
 H.

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

NO.	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP #/TYPE	BALLAST TYPE	ELECTRICAL DATA	REMARKS
A	LSI INDUSTRIES	MRM-LED-24L-SIL-FT-40-70CRI-H	LED POLE LIGHT	22' LIGHT POLE - 3' BASE	LED	NA	120 V/1-187 VA	-
A4	LSI INDUSTRIES	4SQB3-SO7G-25-BRZ	LIGHT POLE	22' LIGHT POLE - 3' BASE	NA	NA	0 V/1-0 VA	-
B	LSI INDUSTRIES	MRM-LED-24L-SIL-FT-40-70CRI	LED POLE LIGHT	22' LIGHT POLE - 3' BASE	LED	NA	120 V/1-187 VA	-
B2	ABB	FLP22-D53W40	2X2 LED TROFFER		LED		120 V/1-45 VA	-
B4	ABB	FLP24-D53W40	2X4 LED TROFFER		LED		120 V/1-45 VA	-
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER		LED		120 V/1-45 VA	PROVIDE 90 MIN. BACK UP BATTERY
C1W	MAXLITE	B6IC-AT-W-LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	-
C1W-EM	MAXLITE	B6IC-AT-W-LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	PROVIDE 90 MIN. BACK UP BATTERY
D1	TROY	B2772	17"X14" WALL MOUNT SCONCE, OLD SILVER FINISH, MEDIUM BASE SOCKET, 100 WATT MAX		LED9A19D2527K		120 V/1-60 VA-0 V/1-0 VA	ALIGN BOTTOM OF FIXTURE'S MOUNTING WITH CHANGE IN EIFS THICKNESS
E1B	ELITE	ELM-809-B	EMERGENCY LIGHT FROG EYE - BLACK	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E1W	ELITE	ELM-809-W	EMERGENCY LIGHT FROG EYE - WHITE	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E2	ELITE	ELM-807-SDT-BZ	CAMRAY LED EM WALL MNT, DRK BRNZ, CLD WEATHER	UNIVERSAL	-	EM	120 V/1-16 VA	-
E3	LITHONIA	AFF-PEL-DOBXTXD-UVOLT-LTP-S-DRT-WT-CW	SELF-POWERED EMERGENCY WALLPACK W/ PHOTOCELL	8'-8"	LED	EM	120 V/1-20 VA	-
F6	KICHLER	43852OZ	9.75" GLASS PENDANT AVERY WITH MED BASE SOCKET RATED 100W MAX OLDE BRONZE FINISH	PENDANT, 6'-0" A.F.F.	1/LED AAMSCO LED-6W-ST64HYBRID-DIM	NA	120 V/1-100 VA	PLACEHOLDER INCLUDES LAMP
F7	HI-LITES	H24212-96-CB15-20WLBL-60P	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0D27K	NA	120 V/1-20 VA	-
F19C	SPECTRUM LIGHTING	SPCO304INC-MWL(25W)PAR20-CM-180-MB	LED PENDANT - 3"	PENDANT, 6'-0" A.F.F.	1/LED LR20/40/27K/975/BK	NA	120 V/1-9 VA	-
F19CS	SPECTRUM LIGHTING	SPCO304INC-MWL(25W)PAR20-SM-MB	LED PENDANT - 3"	PENDANT, 6'-0" A.F.F.	1/LED LR20/40/27K/975/BK	NA	120 V/1-9 VA	-
X1B	LIGHTALARMS	GRANRRB	LED UNIVERSAL MNTG THERMOPLASTIC EXIT, RED LETTERS, BLACK HSNG	UNIVERSAL	-LED	EM	120 V/1-3 VA	-

- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 2 FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- 3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEET E6.1.
- 5 COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 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. CONTROL CANOPY LIGHTING WITH BUILDING LIGHTING FIXTURES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CANOPY 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 USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
- 12 MOUNT 'E3' AT 8'-6" A.F.G. TO CENTER OF FIXTURE.
- 13 VERIFY MOUNTING HEIGHT FOR SIGN POWER WITH ARCHITECTURAL ELEVATIONS AND SIGN VENDOR.
- 14 PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURER.
- 15 PROVIDE POWER CONNECTION TO PURPLE WALLWASH LIGHTS FURNISHED BY SIGN VENDOR. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE EXACT LOCATIONS ARCHITECTURAL ELEVATIONS. COORDINATE REQUIREMENTS WITH VENDOR. CONTROL WALL WASH LIGHTING WITH OTHER BUILDING LIGHTING.

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

DATE	REMARKS
10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END, MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: AJR
 JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0 LIGHTING PLAN AND DETAILS

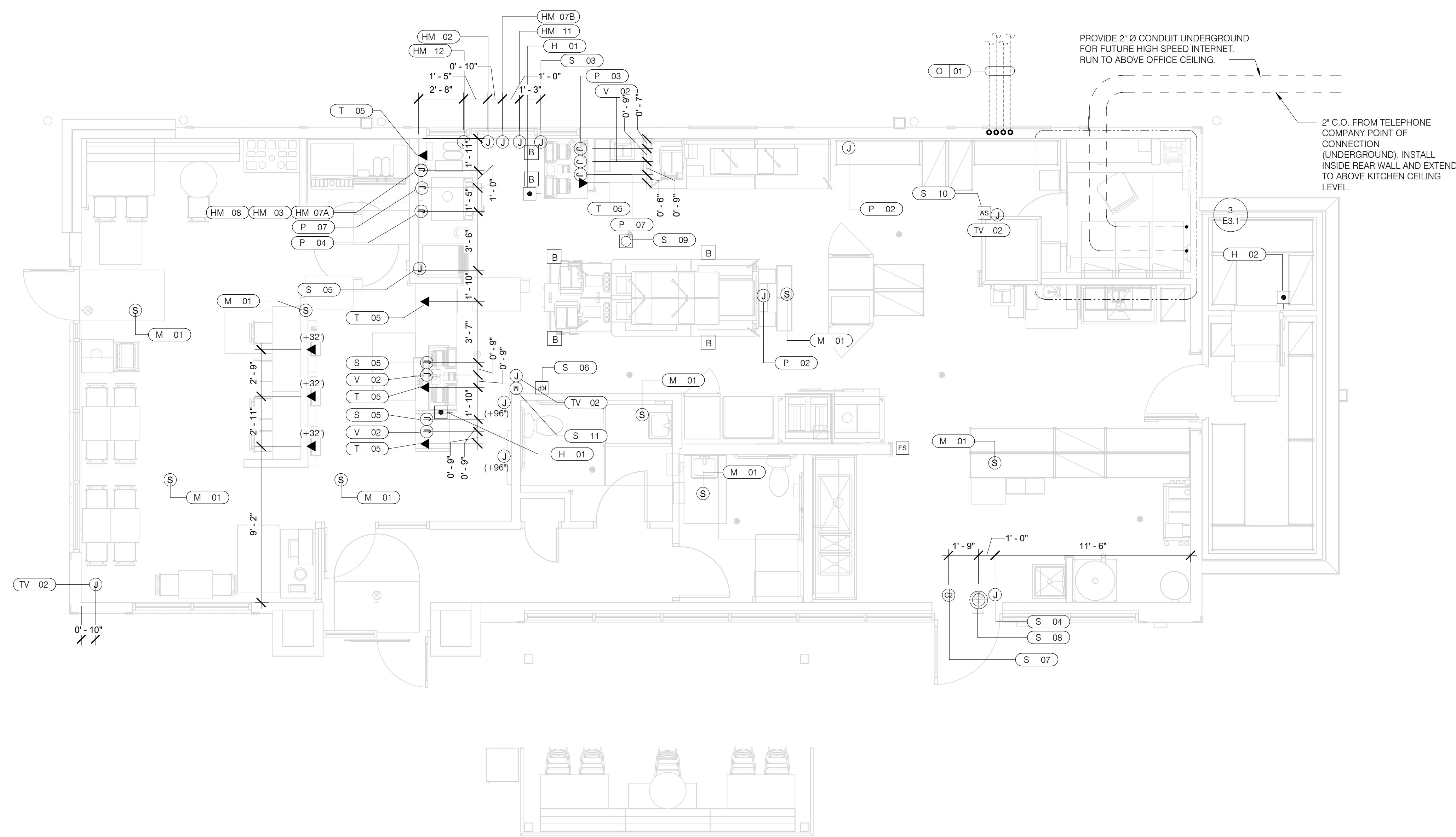
E4.0

PLOT DATE: 1/19/2022 10:58:26 AM

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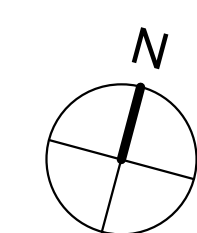


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VOLUME CONTROL NOTES:
 1) PATIO SPEAKER: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).
 2) DINING ROOM SPEAKERS: DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP. MANAGERS OFFICE).
 3) KITCHEN SPEAKERS: 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.

PROVIDE 2" Ø CONDUIT UNDERGROUND FOR FUTURE HIGH SPEED INTERNET. RUN TO ABOVE OFFICE CEILING.
 2" C.O. FROM TELEPHONE COMPANY POINT OF CONNECTION (UNDERGROUND). INSTALL INSIDE REAR WALL AND EXTEND TO ABOVE KITCHEN CEILING LEVEL.



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

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 1579 N. MORTON ST.
 FRANKLIN, IN 46131



ENDEAVOR 2.0 COMMUNICATIONS PLAN

E5.0

PLOT DATE: 1/19/2022 10:58:30 AM

	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.

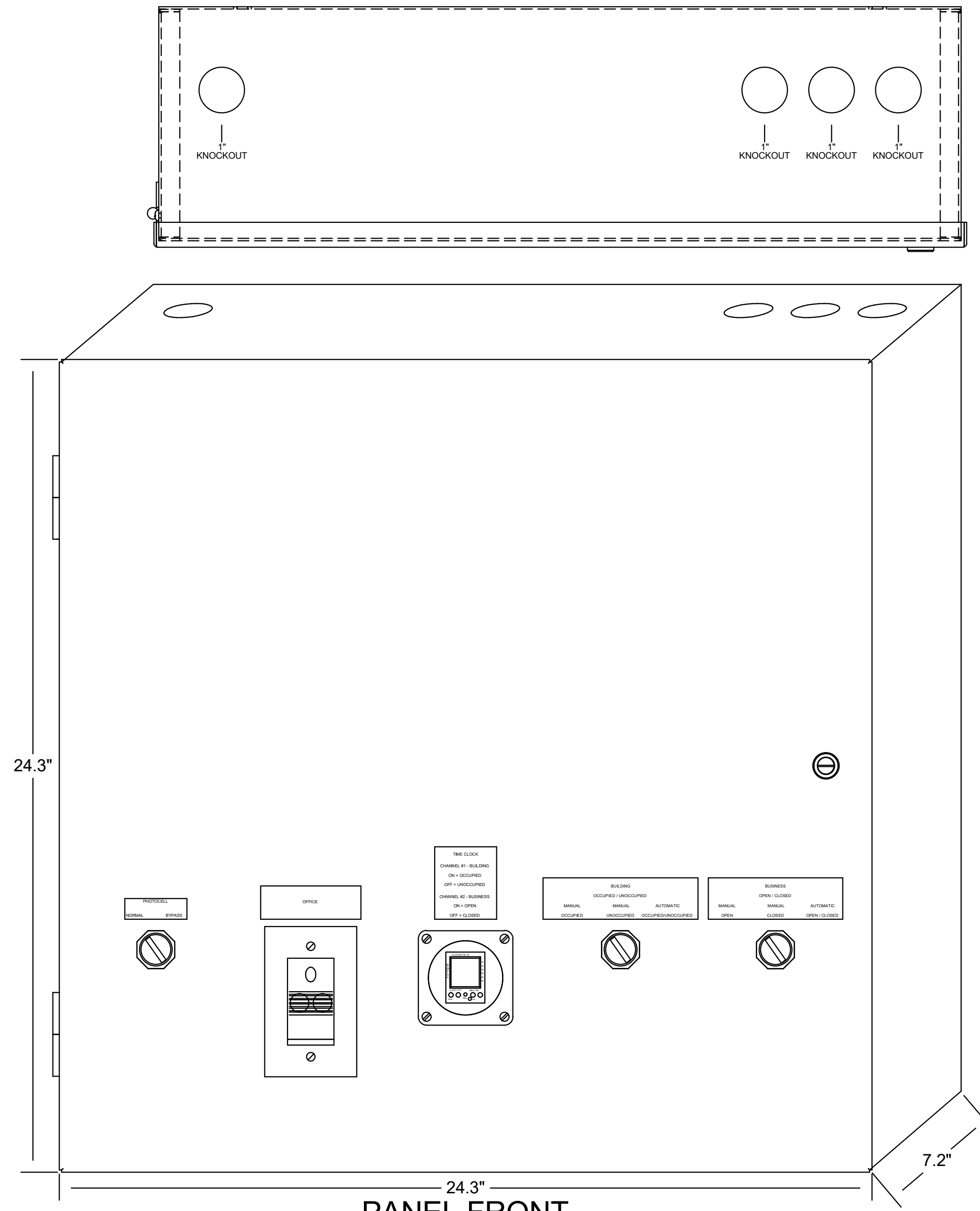
COMMUNICATIONS NOTES NTS **B**

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	2X4 J-BOX FLUSH @ CEILING.	CEILING	FOR M.A.P.S. LINE MONITOR J-BOX.
P	03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CEILING
P	04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.
P	07	POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
S	03	J-BOX SECURITY SYSTEM	+30" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE.
S	04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S	05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.
S	06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM.
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE

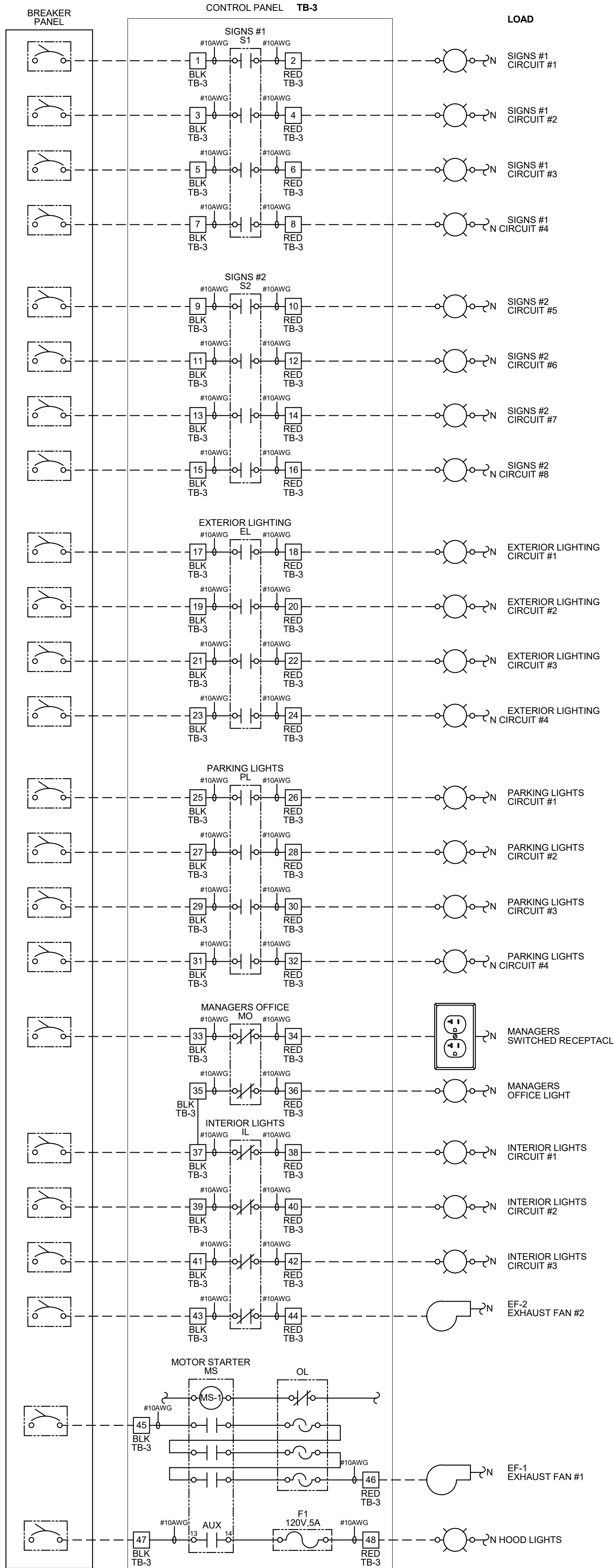
COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
T	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T	05	P.O.S. PHONE JACK	+24" A.F.F.	2X4 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 SECURITRY 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)



TBCCB-3-WOS



PANEL CIRCUI NUMBER
REFER TO PANEL SCHEDULES FOR CIRCUIT INFORMATION (TYPICAL)



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

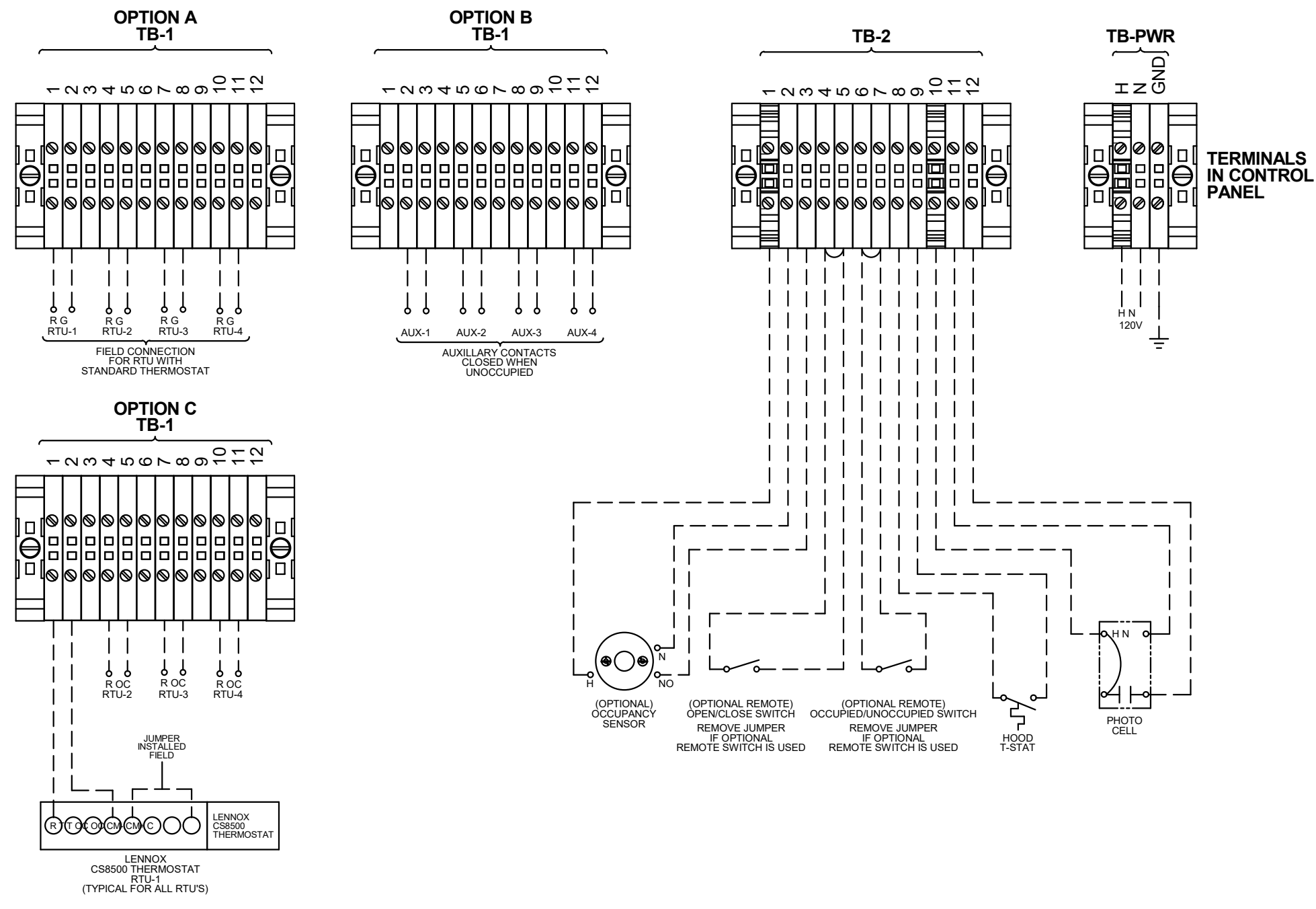
CONTROL BOX

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

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

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

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



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



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

DATE	REMARKS
1 10.28.21	NTS COMMENTS
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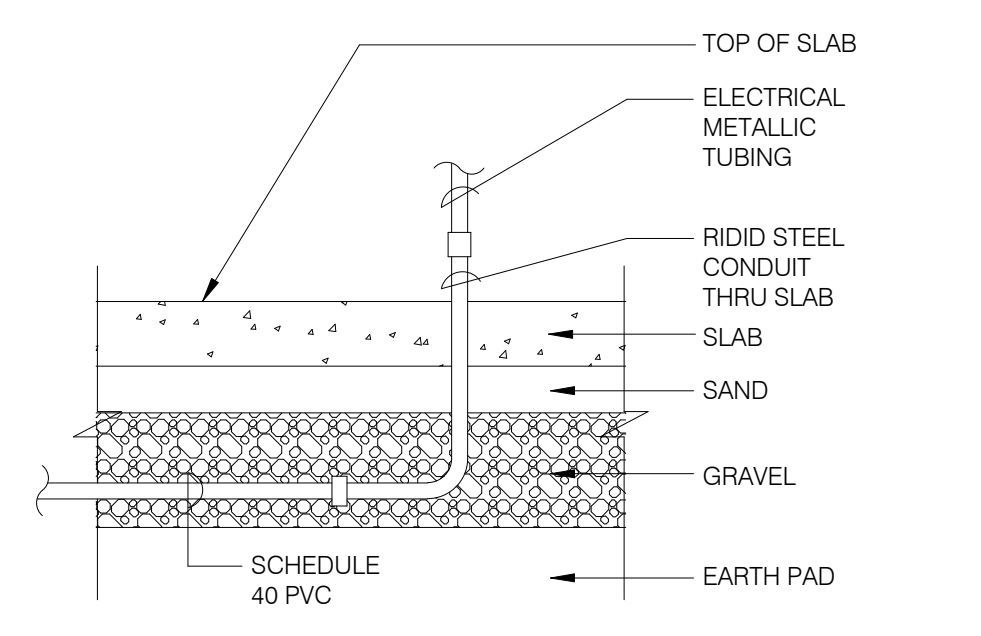
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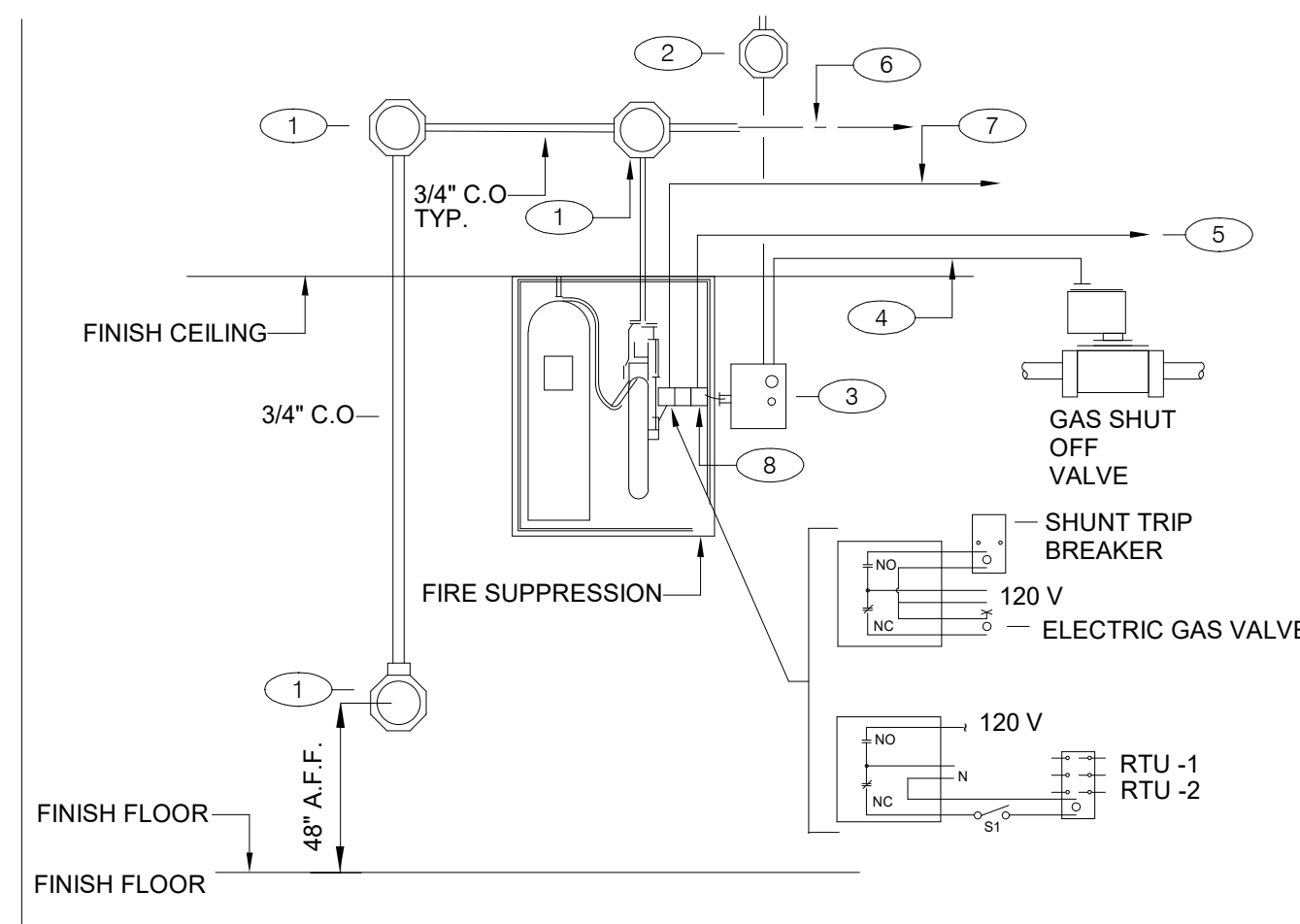


ENDEAVOR 2.0 ELECTRICAL DETAILS - TBCCB

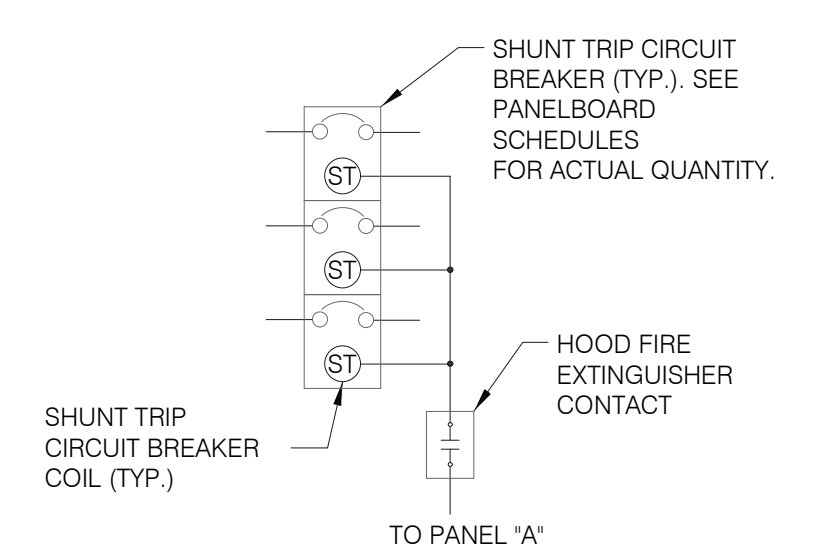
E6.1



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



- GENERAL NOTES:**
 1. REFER TO SHEET M3.0
- KEY NOTES:**
- PROVIDE 4" OCTAGONAL J-BOX.
 - PROVIDE J-BOX, AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. CONNECT TO TBANS. SEE SHEET 7.1.
 - TBANS INSTALLED BY ELECTRICAL CONTRACTOR.
 - PROVIDE CONNECTIONS TO TBANS BOX FOR HOOD SHUTDOWN. SEE SHEET E7.1 FOR TBANS WIRING DIAGRAM.
 - PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
 - CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.
 - PROVIDE INTERCONNECTION BETWEEN FIRE SUPPRESSION MICROSWITCH AND TBANS. SEE SHEET E7.1.
 - FIRE SUPPRESSION SYSTEM TO INCLUDE TWO MICROSWITCHES. EACH MICROSWITCH SHALL HAVE A COMMON, NORMALLY OPEN AND NORMALLY CLOSED POLE.

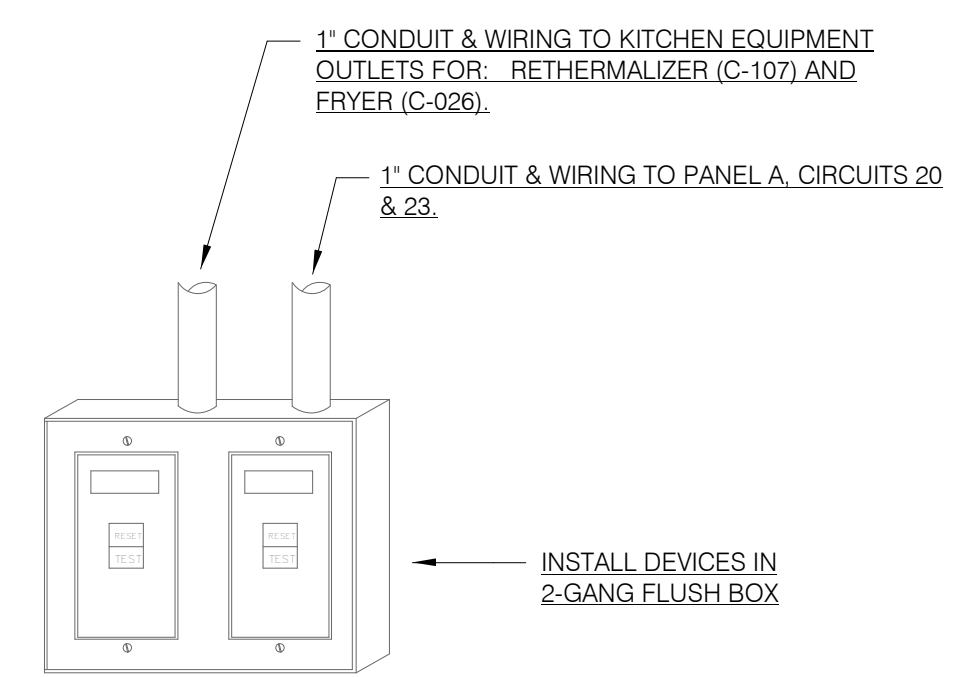


SEQUENCE OF OPERATION:
 UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED 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 N.T.S. **4**

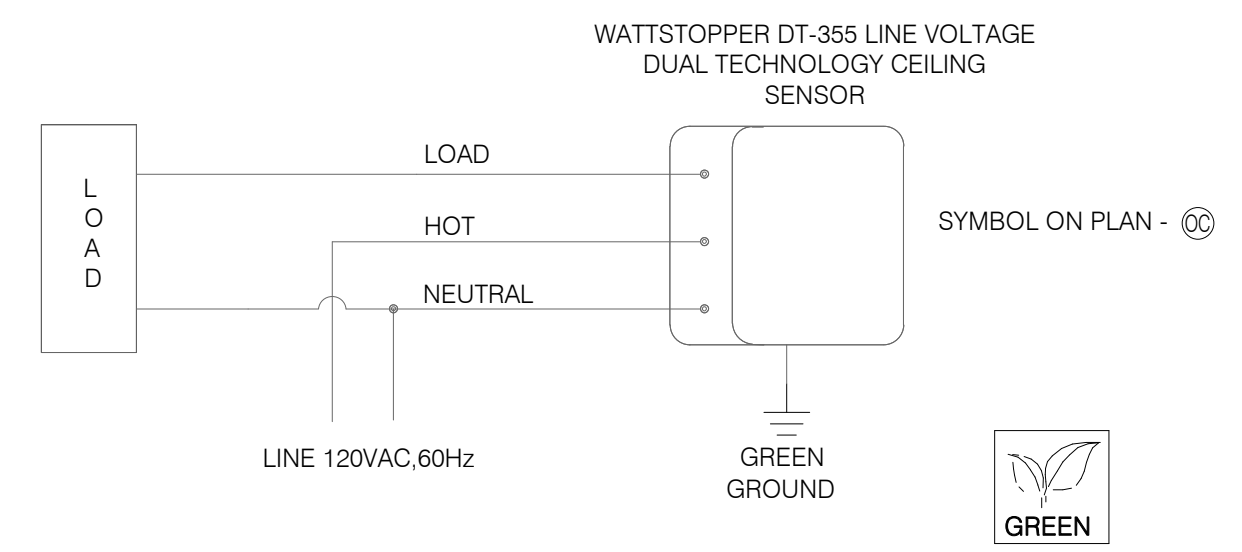
SHUNT TRIP DETAIL N.T.S. **1**



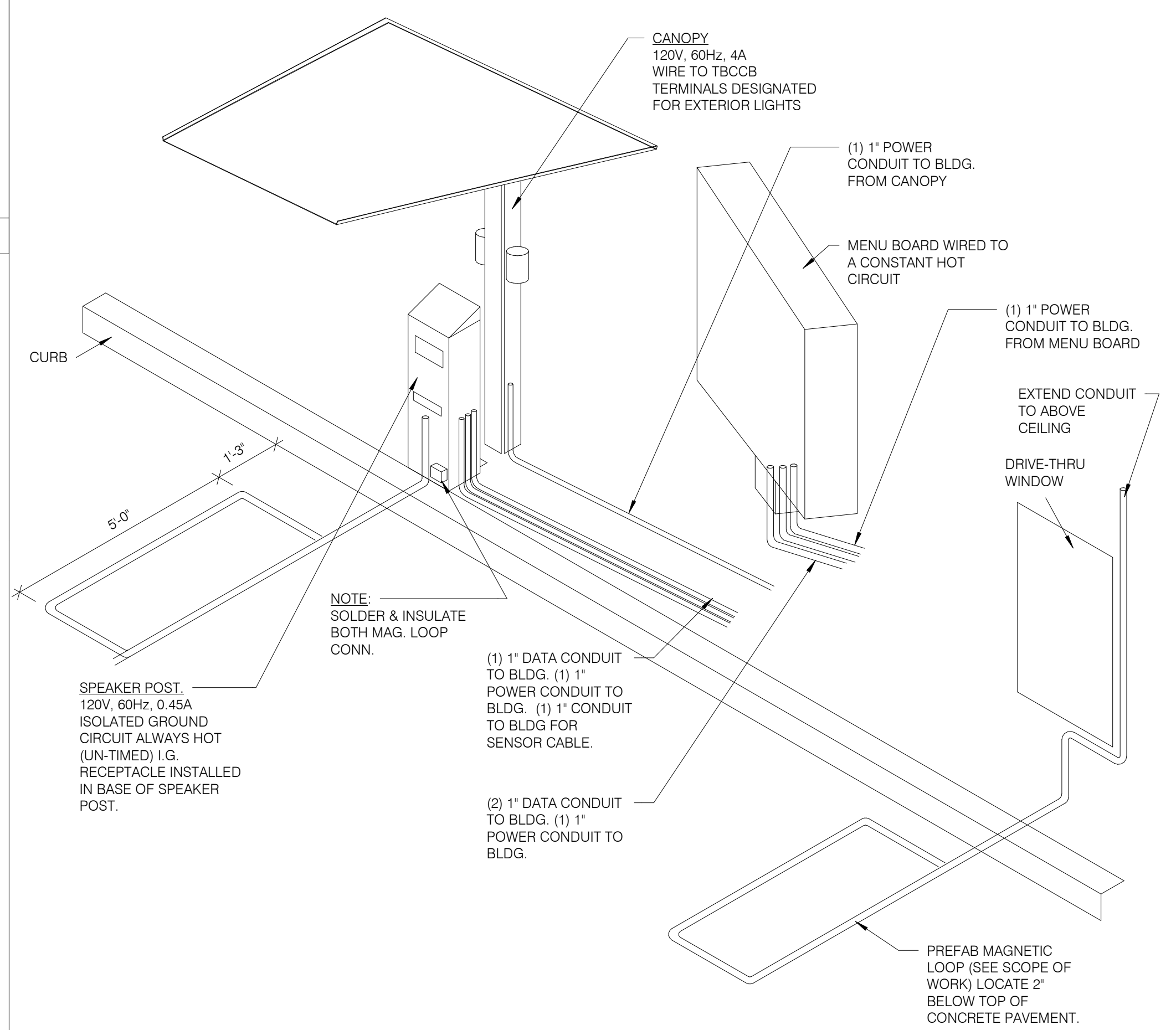
- NOTES:**
- DEAD FRONT GFCI DEVICES ARE REQUIRED FOR KITCHEN EQUIPMENT REQUIRING BOTH A SHUNT TRIP BREAKER AND GFCI PROTECTION.
 - REFER TO SHEET E3.0 FOR LOCATION OF DEAD FRONT GFCI DEVICES.
 - PROVIDE LABEL ON DEVICES WITH CIRCUIT NUMBER AND LOAD DESIGNATION.

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

DEAD FRONT GFCI DEVICE DETAIL N.T.S. **5**



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



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

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

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

DATE	REMARKS
10.28.21	NTS COMMENTS
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
 BUILDING TYPE: END, MED20
 PLAN VERSION: MARCH 2021
 BRAND DESIGNER: DICKSON
 SITE NUMBER: 294252
 STORE NUMBER: 448335
 PA/PM: SM
 DRAWN BY.: AJR
 JOB NO.: 2018088.31

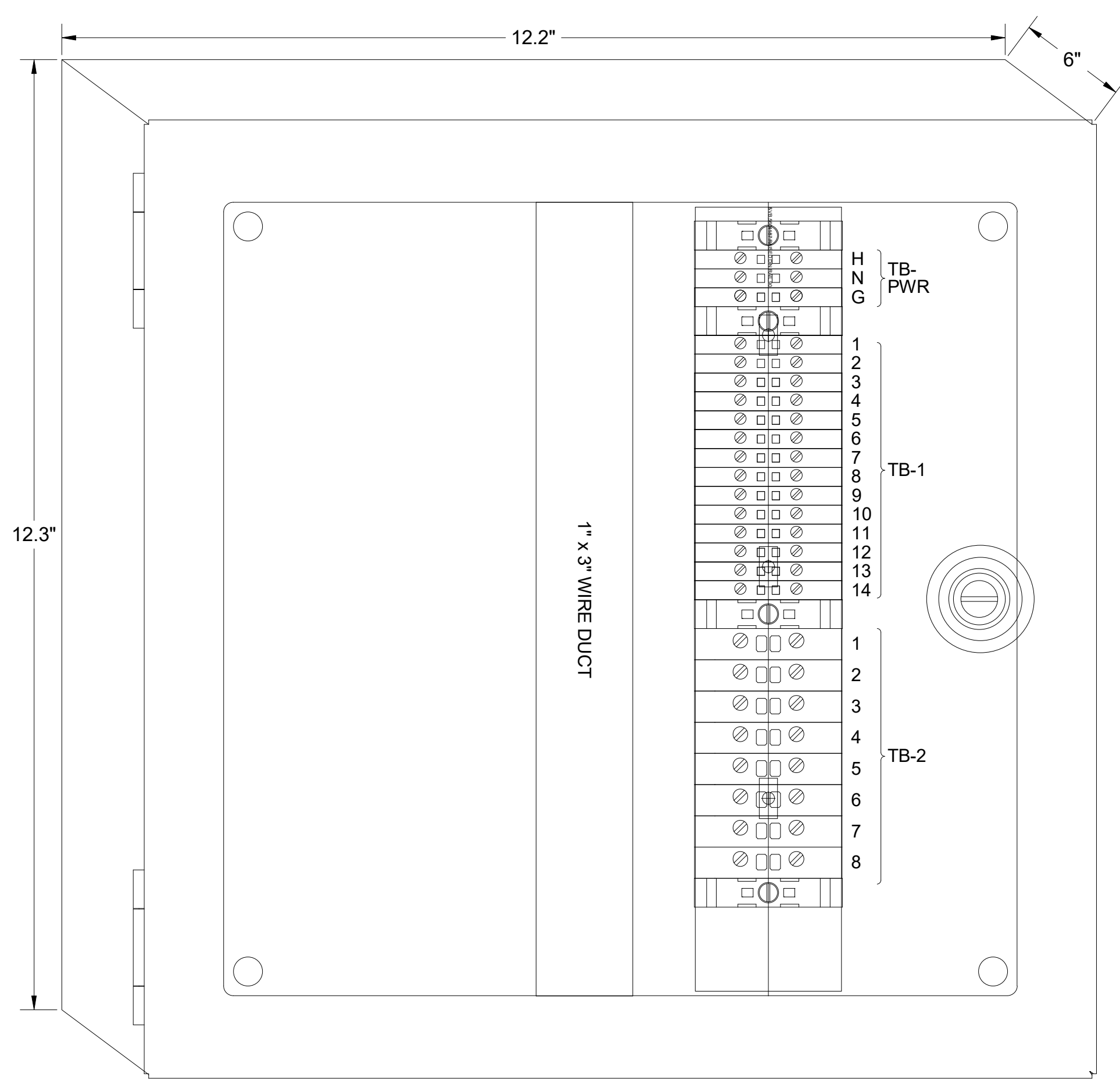
TACO BELL
 1579 N. MORTON ST.
 FRANKLIN, IN 46131



**ENDEAVOR 2.0
 ELECTRICAL
 DETAILS**

E7.0

PLOT DATE: 1/19/2022 10:58:31 AM

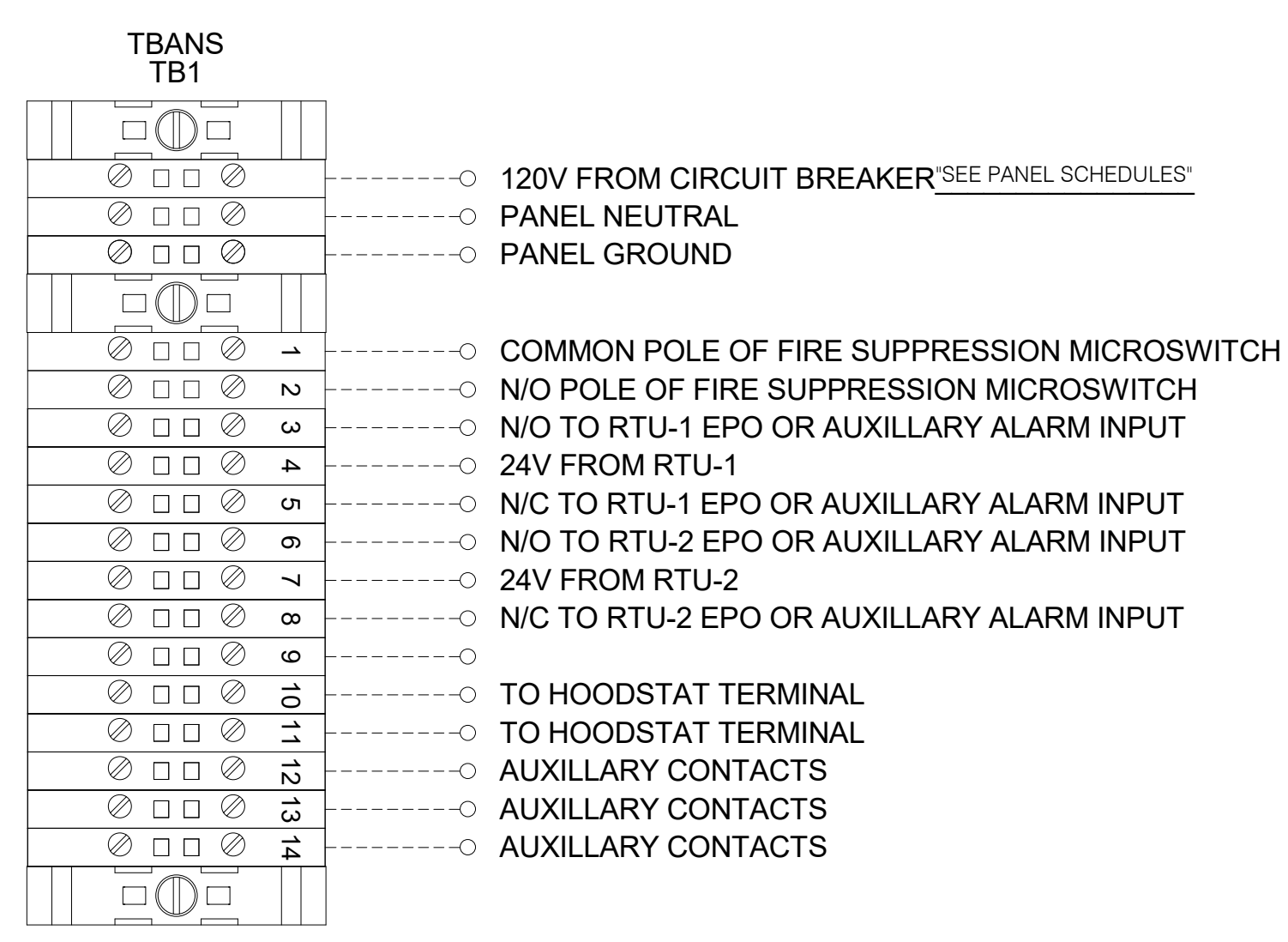


1 TBANS PANEL DIMENSIONS NTS

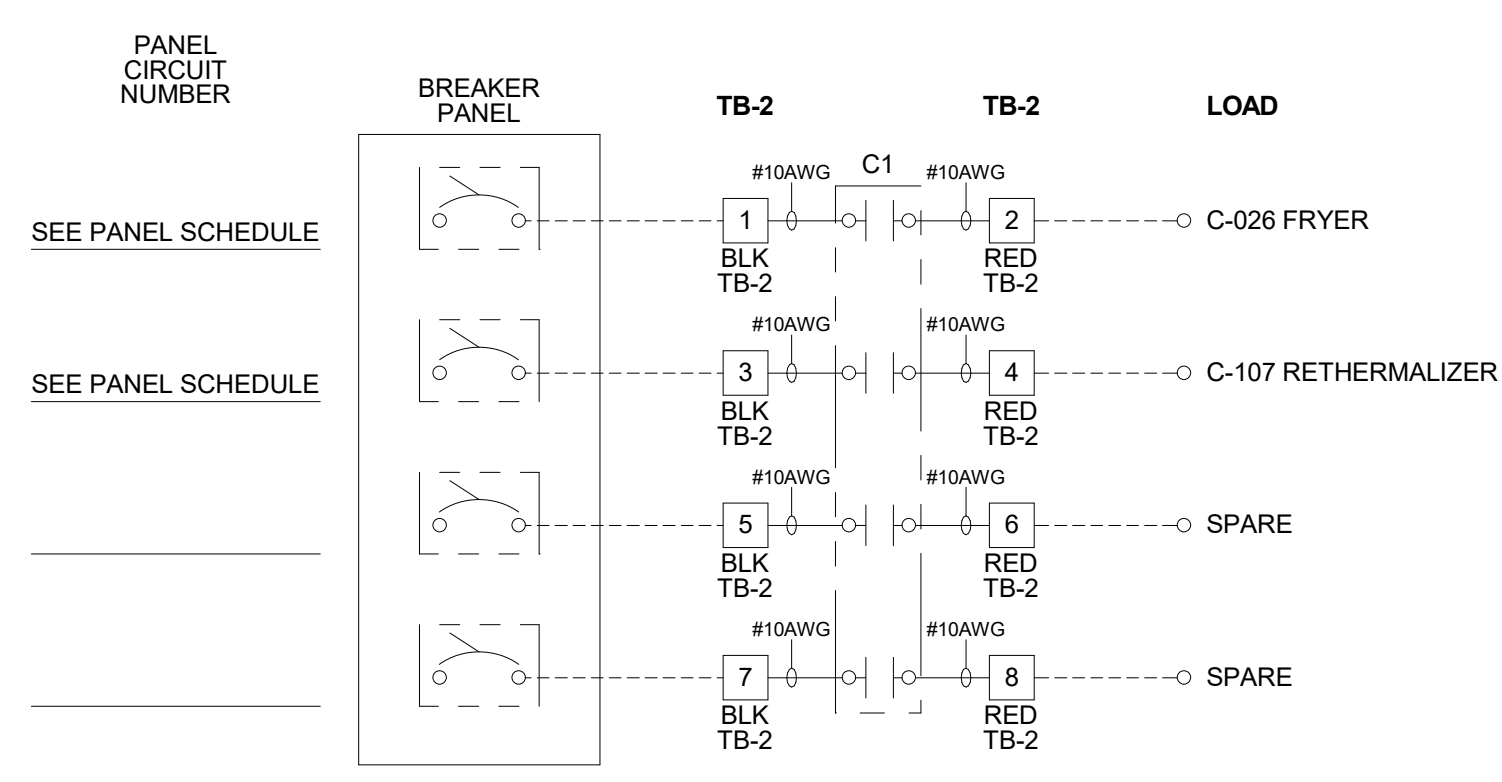
SEQUENCE OF OPERATION:
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

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

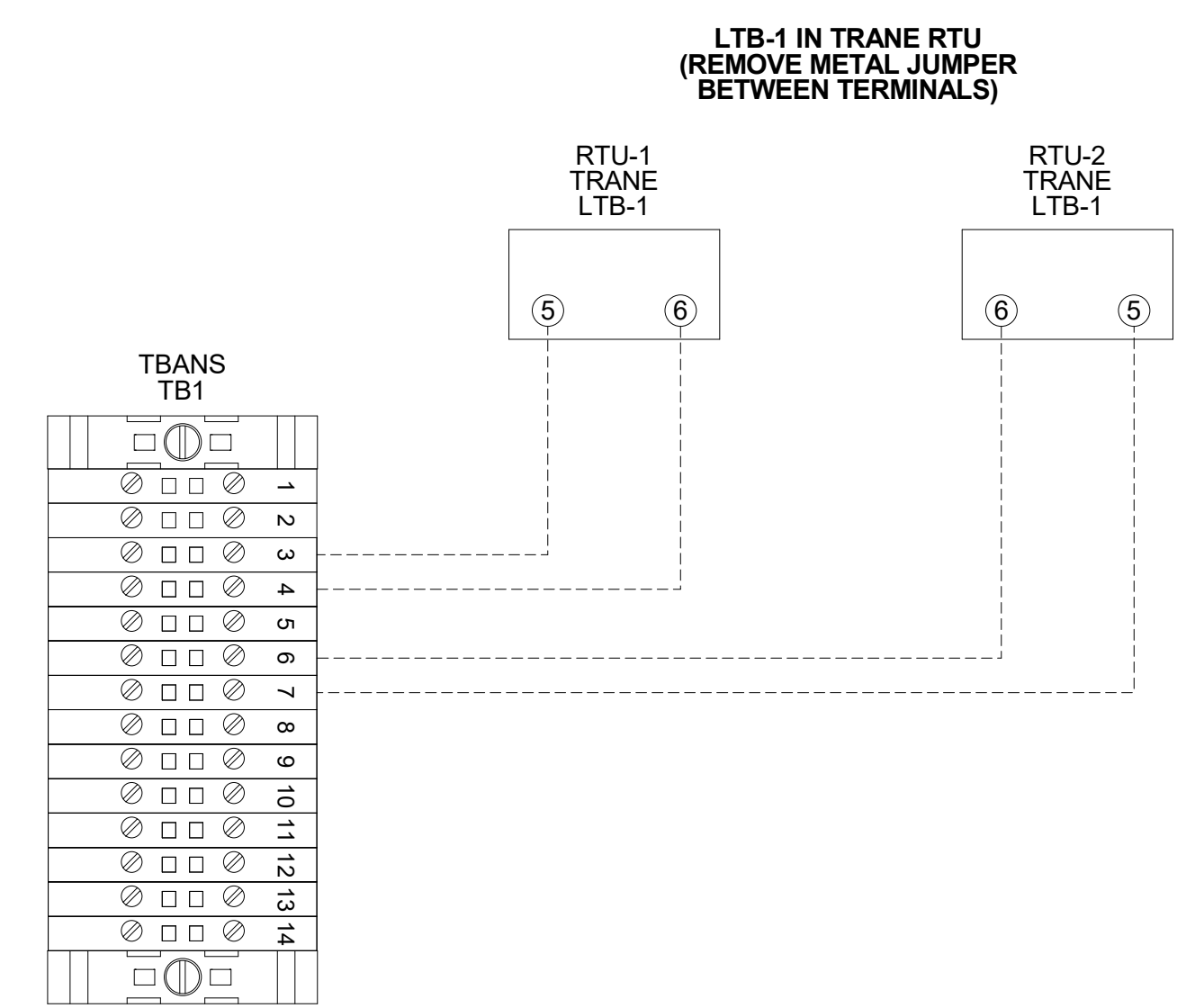
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0 CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



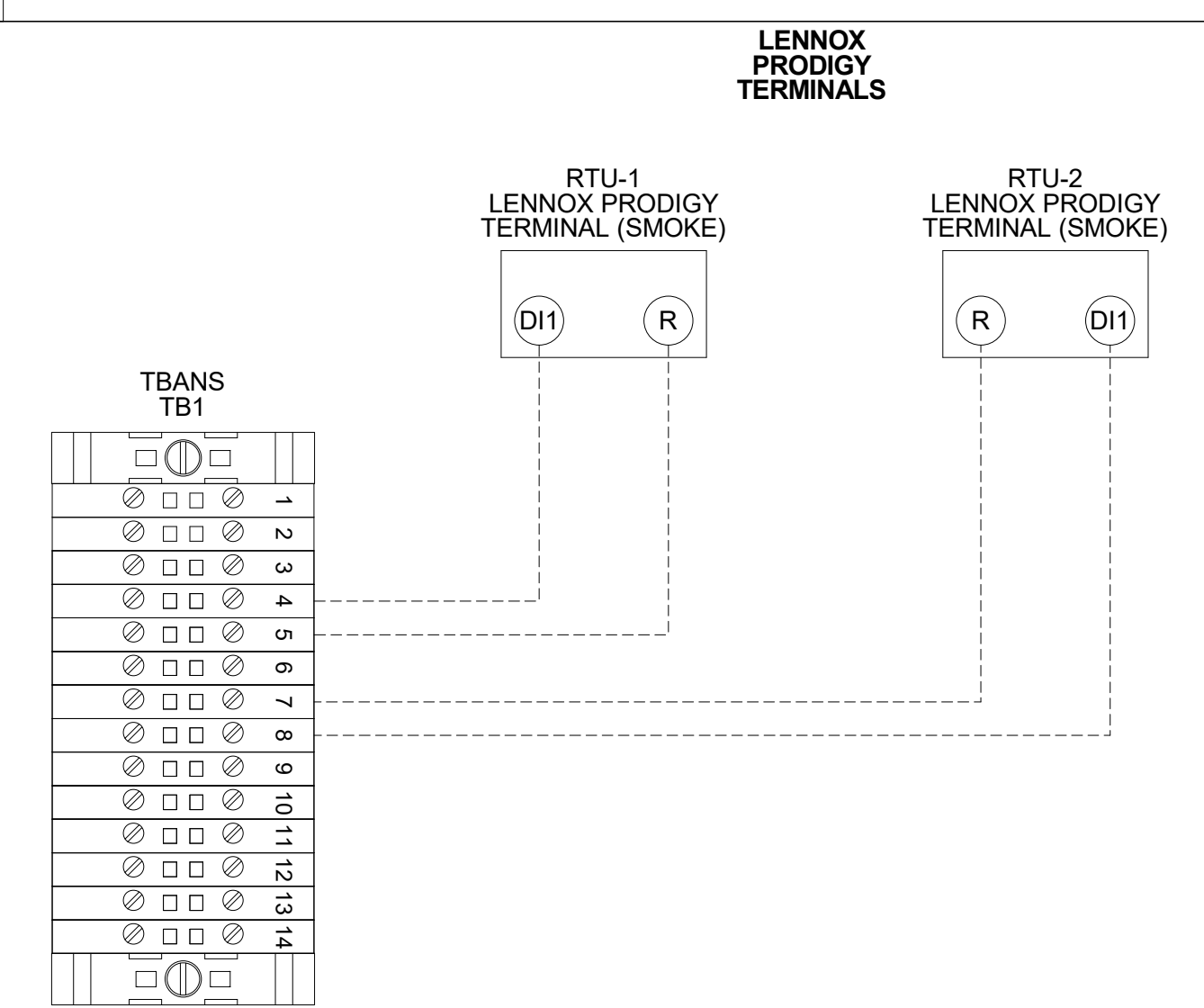
2 TBANS FIELD CONNECTIONS - VARIOUS NTS



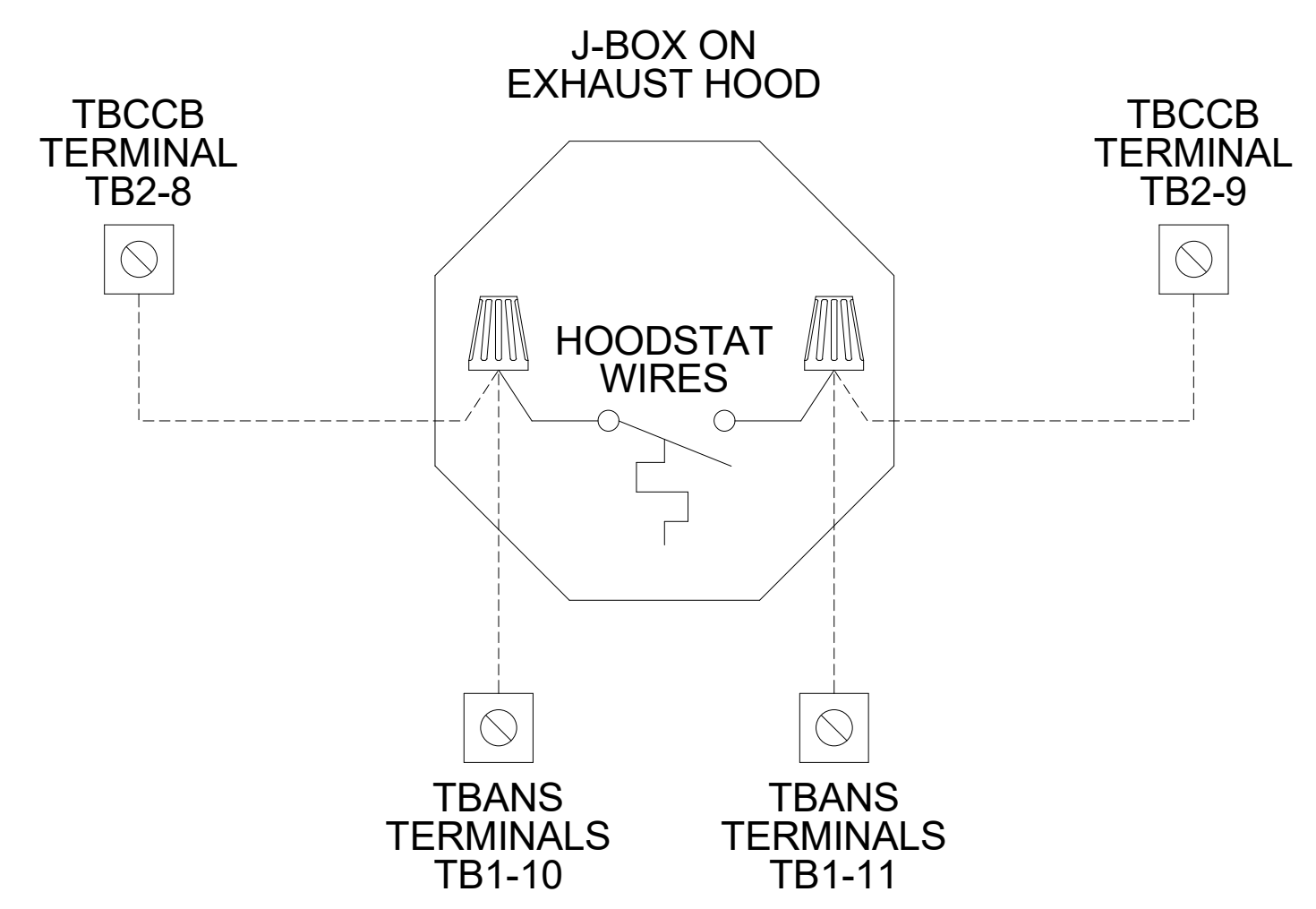
3 TBANS FIELD CONNECTIONS - APPLIANCES NTS



6 TBANS TO TRANE RTU SHUTDOWN NTS



5 TBANS TO LENNOX PRODIGY SHUTDOWN NTS



4 TBANS TO HOODSTAT TO TBCCB NTS

DATE	REMARKS
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BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: AJR
JOB NO.: 2018088.31

TACO BELL
1579 N. MORTON ST.
FRANKLIN, IN 46131



ENDEAVOR 2.0
**ELECTRICAL
DETAILS**

E7.1



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

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

DATE	REMARKS
08.03.21	Issued for Permit
01.20.22	Issued for Bid

CONTRACT DATE: 07.06.21
BUILDING TYPE: END, MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 294252
STORE NUMBER: 448335
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.
FRANKLIN, IN 46131



**ENDEAVOR 2.0
SCOPE OF
WORK**

SW1.0

PLOT DATE: 1/19/2022 11:09:20 AM



Standard RTU Multi-Speed RTU		Reference #	PROCESS						Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency						
[] = Responsible Party Initial When Completed										
X	X	1	Package Units							
X	X	2	Reference and abide to all instructions in manufacturers Installation, Startup, Operation and Maintenance literature							
X	X	3	Units are set level							
X	X	4	Unit and plenums align to each other							
X	X	5	Units and plenums are properly sealed to each other							
X	X	6	All loose shipped components are relocated and installed per manufacturers instructions							
X	X	7	a) economizer eyebrow, skirts and mist eliminator installed							
X	X	8	b) economizer dampers and linkage installed and operable							
X	X	9	c) economizer wiring connected and completed							
X	X	10	d) relief damper or power exhauster installed and operable							
X	X	11	e) smoke detectors and sample tubes relocated and installed per manufacturers instructions							
X	X	12	Utilities are installed and ON to the units							
X	X	13	a) power on and breakers sized to unit rating							
X	X	14	b) phases correct							
X	X	15	c) gas on							
X	X	16	d) gas gooseneck or pipe capacity meets or exceeds unit capacity							
X	X	17	e) condensate line is piped per plan							
X	X	18	f) condensate vent is on leaving side of trap							
X	X	19								
X	X	20	No thermostat, smoke detector, remote enunciator or any other wiring runs through the plenums							
X	X	21	Manufacturers start up procedure has been followed and all units evaporator fan operates through all fan stages per manufacturers instructions							
X	X	22	Manufacturers start up procedure has been followed and all units cycle through all heating stages per manufacturers instructions							
X	X	23	Manufacturers start up procedure has been followed and all units cycle through all cooling stages per manufacturers instructions							
X	X	24	Manufacturers start up procedure has been followed and all units cycle through all economizer stages per manufacturers instructions							
X	X	25								
X	X	26								
X	X	27								
X	X	28	Ductwork							
X	X	29	All ductwork and registers are installed per plan							
X	X	30	All starters and or take offs are radiused per plan.							
X	X	31	Ductwork from the exhaust register over production line to EF-2 fan base is 100% rigid per plan							
X	X	32	Balance dampers are in sleeves on axles with locking quadrant, not located in any starter collars, "T"s or "Y"s and located per plan							
X	X	33	Balance damper handles are flagged to identify their location							
X	X	34								
X	X	35								
X	X	36	Economizer							
X	X	37	All mechanical components related to the economizer have been installed							
X	X	38	"Blank off" plate under economizer eyebrow has been installed							
X	X	39	Barometric relief damper operates freely							
X	X	40	Input sensors for the Economizer have been properly located and connected to the Economizer							
X	X	41	Economizer has been tested to perform "Free" cooling when ambient conditions are below 55 degrees							
X	X	42	Mechanical cooling stages on when Economizer cooling is not available							
X	X	43	Mechanical cooling stages on with the Economizer cooling when conditioned space temperature rises and requires two stage cooling							
X	X	44	Economizer damper positions to minimum damper position when set							
X	X	45								
X	X	46	Smoke Detectors							
X	X	47	Smoke detector option has been included in package unit							
X	X	48	Return side smoke detector has been relocated from its shipping position to the factory provided installation location in the return section of the package unit							
X	X	49	All smoke detector sample tubes are properly located per manufacturers design							
X	X	50	The return smoke detector in each unit has been tested for unit shutdown							
X	X	51	The supply smoke detector in each unit has been tested for unit shutdown							
X	X	52	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
X	X	53								
X	X	54	Remote Smoke Detector Enunciators and Resets							
X	X	55	A remote smoke detector enunciator and reset has been installed in the managers office for each package unit							
X	X	56	RTU 1 supply side smoke detector alarm sets off the visual and audible remote							
X	X	57	After triggering RTU 1 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation							
X	X	58	RTU 1 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 1							
X	X	59	After triggering RTU 1 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation							
X	X	60	RTU 2 supply side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2							
X	X	61	After triggering RTU 2 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation							
X	X	62	RTU 2 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2							
X	X	63	After triggering RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation							
X	X	64	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
X	X	65								
X	X	66	Power Exhauster							
X	X	67	Power Exhauster has been installed							
X	X	68	Power Exhauster "On" setpoint has been set and turns on and off at correct economizer opening percentage							

Standard RTU Multi-Speed RTU		Reference #	PROCESS						Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency						
[] = Responsible Party Initial When Completed										
X	X	69	Fire Supression System Shutdown							
X	X	70	TBANS-1 has been installed per plan location							
X	X	71	TBANS-1 has dedicated power to terminals TB-PWR							
X	X	72	TBANS terminals TB1-1 and TB1-2 are wired to "Closed when Cocked" terminals of fire suppression system microswitch per detail							
X	X	73	RTU 1 and RTU 2 low voltage control power is wired through terminals in TBANS-1							
X	X	74	If present, electronic gas valve is wired through TBANS							
X	X	75	If required, TBANS to hoodstat has been wired for EF-1 on during supressant discharge event							
X	X	76	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
X	X	77								
X	X	78								
X	X	79								
X	X	80	Thermostat							
X	X	81	Thermostats are wired to package units per thermostat and unit wiring diagrams							
X	X	82	Package units equipped with two stage cooling have each cooling stage individually wired and controlled from their thermostat.							
X	X	83	Package units equipped with two stage heating have each heating stage individually wired and controlled from their thermostat.							
X	X	84	Thermostats are wired to TBCCB Control Box per Detail on plan sheet E-6							
X	X	85	Thermostats are programmed to Taco Bell parameters							
X	X	86	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
X	X	87								
X	X	88	Hoodstat							
X	X	89	Hoodstat has been installed in duct or hood per plan							
X	X	90	Hoodstat is wired to terminals TB2 of the TBCCB Control Box							
X	X	91	Hoodstat microswitch closes at 85 degrees							
X	X	92								
X	X	93								
X	X	94	TBCCB & Interlock							
X	X	95	Unswitched power is provided to H=HOT and N=Neutral and G=Ground terminals in the TBCCB Control Box							
X	X	96	Hoodstat wires are landed on terminals TB2 of the TBCCB Control Box							
X	X	97	Low voltage wiring has been completed between RTU 1 and TB-1 of the TBCCB Control Box							
X	X	98	Low voltage wiring has been completed between RTU 2 and TB-1 of the TBCCB Control Box							
X	X	99	Photocell is wired to the TBCCB per detail							
X	X	100	Any optional switches, if used, have been installed to TBCCB per schematic							
X	X	101	"Occupied" and "Unoccupied" times for the building have been programmed into Channel/Switch 1 of the Timeclock in TBCCB Control Box							
X	X	102	"Open" and "Closed" times for Taco Bell sales have been programmed into Channel/Switch 2 of the Timeclock in TBCCB Control Box							
X	X	103	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
X	X	104								
X	X	105	Visual Verification							
X	X	106	Visual Verification installation certificate has been received for Smoke Detectors							
X	X	107	Visual Verification installation certificate has been received for Remote Smoke Detectors Enunciators and Resets							
X	X	108	Visual Verification installation certificate has been received for Thermostat and Remote Sensors installation							
X	X	109	Visual Verification installation certificate has been received for TBANS-1 installation							
X	X	110	Visual Verification installation certificate has been received for TBCCB							
X	X	111	Visual Verification installation certificate has been provided to designated authority (Owner, GC, Air Balancing Agency, Commissioning Agency)							
X	X	112								
X	X	113								
X	X	114	Lighting							
X	X	115	Interior lights are wired through the TBCCB per plan and schematic							
X	X	116	Occupancy sensor controlled lighting installed in restrooms							
X	X	117	Daylighting and dimming box (DDCB-ACI) is installed in jurisdictions requiring daylight harvesting and or dimming of interior lights							
X	X	118	Photocell is wired to the TBCCB control box per plan and schematic							
X	X	119	Exterior lights are wired to the TBCCB control box per plan and schematic							
X	X	120	Sign lights are wired to the TBCCB control box per plan and schematic							
X	X	121	TBCCB timeclock is programmed to Taco Bell parameters							
X	X	122	Manual override of TBCCB control box timeclock activates lighting circuits							
X	X	123								
X	X	124	Commissioning							
X	X	125	All Visual Verification installation certificates have been received							
X	X	126								
X	X	127	Air Balance Supplement							
X	X	128	Balancing performed in accordance to ASHRAE Standard 111-2008, NEBB, TABB or AABC standards							
X	X	129	Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made							
X	X	130	Perform outside air adjustment after all other balance adjustments are complete							
X	X	131	Perform outside air adjustment at full evaporator fan speed operating point							
X	X	132	Perform outside air adjustment at medium fan speed operating point							
X	X	133	Perform outside air adjustment at low fan speed operating point							
X	X	134	Verify lobby doors closures have been adjusted for ADA compliance							
X	X	135	Verify lobby doors closure operation during full economizer function of both package units and note result in air balance report							
X	X	136	Verify pressure relief system operation in full economizer operation							
X	X	137	Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues. Note if no power exhauster is available.							
X	X	138	Provide copy of air balance report to Commissioning Agent							

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DRAWN BY: .
JOB NO.: 2018088.31

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FRANKLIN, IN 46131



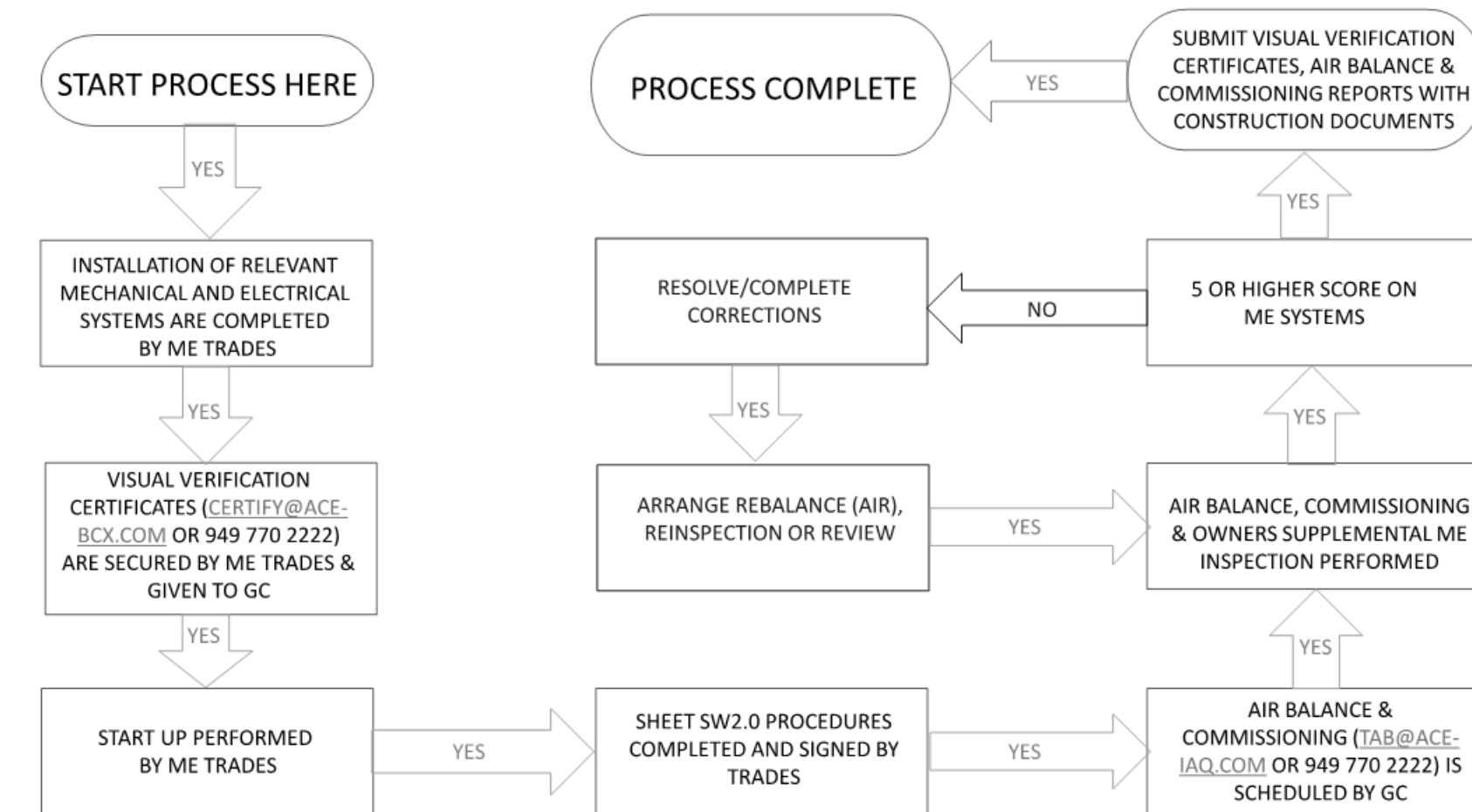
**ENDEAVOR 2.0
INSTALLATION
START-UP
PRE-COMM
CHECK LIST**

SW2.0



520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102

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



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1 10.28.21	NTS COMMENTS
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BALANCING
AND
COMMISSIONING
SEQUENCE

SW2.1

PLOT DATE: 1/19/2022 10:59:02 AM