

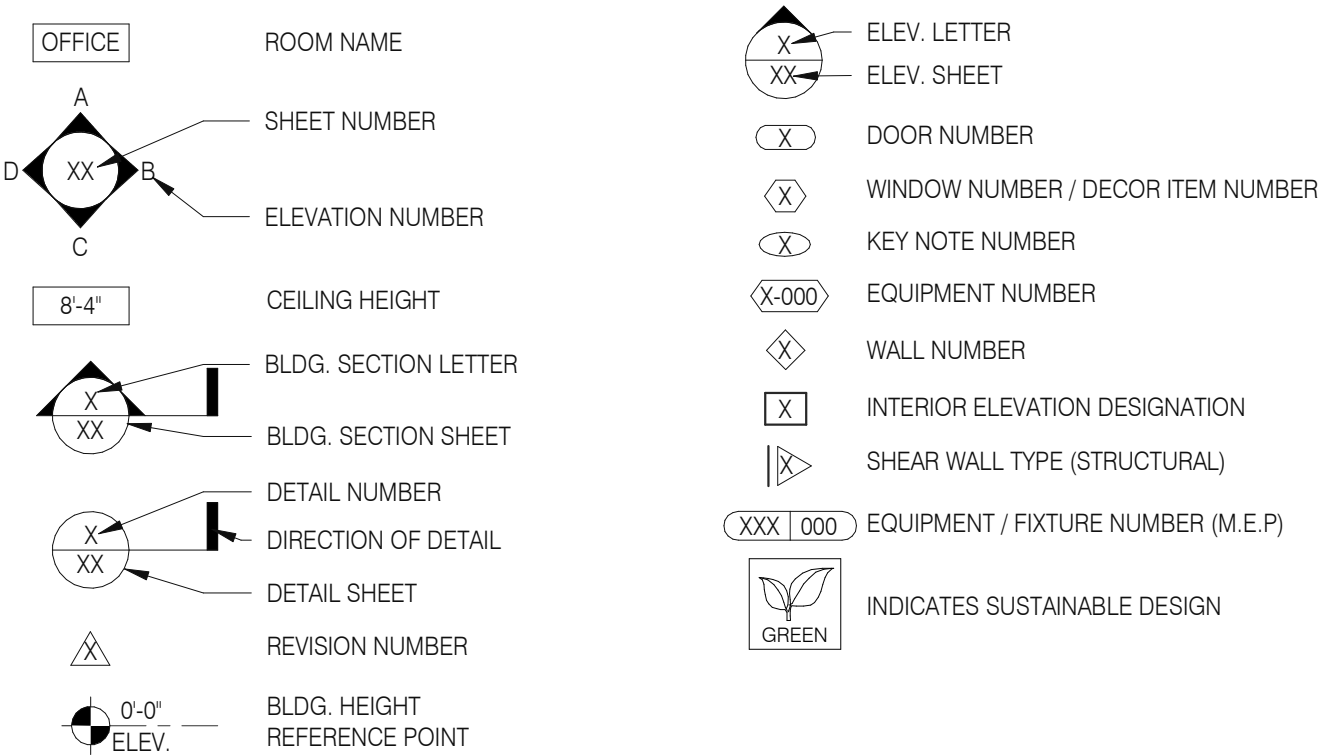
# TACO BELL

## 403 E. Main St. Cartersville, GA 30121

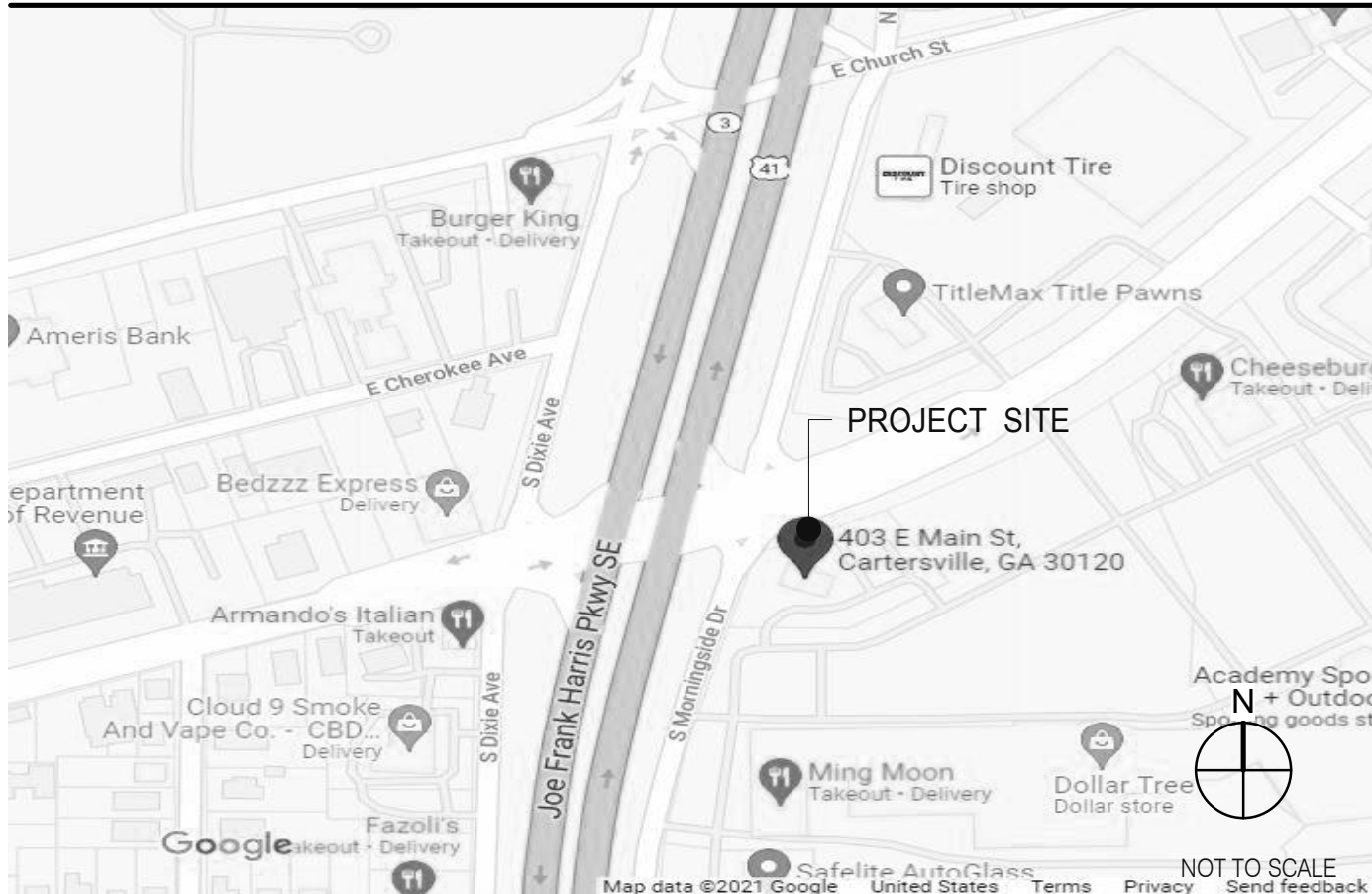


- A. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF CARTERSVILLE AND COUNTY OF BARTOW.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECTS OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED OCTOBER 05,2021 PREPARED BY GEOSURVEY, LTD. AND IS INCLUDED IN THESE DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED NOVEMBER 11, 2021 BY INTERTEK-PSI. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE PLANS.
- F. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE TACO BELL CORPORATE BRAND DESIGNER OR CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- I. SUBMIT, PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCRORACHMENT PERMIT, ETC. YUM BRANDS WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- J. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- N. ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCEWITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

### PROJECT GENERAL NOTES



### GENERAL DRAWING SYMBOLS



### VICINITY MAP

LEGAL JURISDICTION:	CITY OF CARTERSVILLE, BUILDING DEPARTMENT		
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE		
ACCESSIBILITY:	ICC / ANSI A117.1-2009		
MECHANICAL:	2018 INTERNATIONAL MECHANICAL CODE		
PLUMBING:	2018 INTERNATIONAL PLUMBING CODE		
ELECTRICAL:	2017 NATIONAL ELECTRIC CODE		
FIRE:	2018 INTERNATIONAL FIRE CODE		
ENERGY:	2018 INTERNATIONAL ENERGY CONSERVATION CODE		
HEALTH:	GDPH ENVIRONMENTAL HEALTH CODE - CHAPTER 511-6-1		
BUILDING AREA:	2,090 S.F. GROSS		
SEATING:	20 INTERIOR, 10 EXTERIOR		
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:	750,000 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:	33,467 S.F.
PARKING COUNT:	23
INT. SEATING:	20
EXT. SEATING:	10
KIOSK COUNT:	4
D.M.B.:	YES/NO
DT DMP:	YES
DT DPB:	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

#### CONSTRUCTION MANAGER

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

#### CIVIL ENGINEER

GPD GROUP, PROFESSIONAL CORP.  
520 S. MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: SARAH MCGOWAN  
PHONE: 330.572.2100

#### GEOTECHNICAL ENGINEER

PROFESSIONAL SERVICE INDUSTRIES, INC.  
95 CHASTAIN ROAD, SUITE 301  
KENNESAW, GA 30144  
CONTACT: BILLY MITCHELL  
CONTACT: 678.354.3016

#### ARCHITECT

GPD GROUP, PROFESSIONAL CORP.  
520 S. MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: SARAH MCGOWAN  
PHONE: 330.572.2100

#### STRUCTURAL ENGINEER

GPD GROUP, PROFESSIONAL CORP.  
520 S. MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: SARAH MCGOWAN  
PHONE: 330.572.2100

#### M/E/P ENGINEER

GPD GROUP, PROFESSIONAL CORP.  
520 S. MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: SARAH MCGOWAN  
PHONE: 330.572.2100

#### CIVIL ENGINEER

GPD GROUP, PROFESSIONAL CORP.  
520 S. MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: SARAH MCGOWAN  
PHONE: 330.572.2100

### PROJECT DIRECTORY

#### SEWER

CARTERSVILLE WATER DEPARTMENT  
148 WALNUT GROVE RD. (PO BOX 1390)  
CARTERSVILLE, GA 30120  
CONTACT: EDMUND MULLINAX  
PHONE: 770.387.5653

#### WATER

CARTERSVILLE WATER DEPARTMENT  
148 WALNUT GROVE ROAD (PO BOX 1390)  
CARTERSVILLE, GA 30120  
CONTACT: EDMUND MULLINAX  
PHONE: 770.387.5653

#### GAS

CITY OF CARTERVILLE GAS SYSTEM  
PO BOX 1390  
CARTERSVILLE, GA 30120  
CONTACT: BRIAN FRIERY  
PHONE: 770.387.5642

#### ELECTRIC

CITY OF CARTERSVILLE ELECTRIC SYSTEM  
1 N. ERWIN ST. (PO BOX 1390)  
CARTERSVILLE, GA 30120  
CONTACT: CLINTON BLALOCK

#### TELEPHONE

COMCAST  
707 E. 1ST ST.  
ROME, GA 30161  
PHONE: 404.266.2278

### UTILITY CONTACTS

SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS

SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS

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

ISSUE

11.23.21	02.24.22	03.17.22	04.01.22
●	●	●	●
○	○	○	○

#### 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	●	○	○	○
S4.5	CANOPY PLAN & DETAILS	●	○	○	○
S5.0	CANOPY/AWNING BLOCKING ELEVATIONS	●	○	○	○
STRUCTURAL SHEET COUNT: 10					

#### CIVIL

SEE CIVIL DRAWINGS FOR SHEET INDEX.

#### ARCHITECTURAL

A1.0	FLOOR PLAN	●	○	○	○
A1.1	DOOR & WINDOW ELEVATIONS & SCHEDULES	●	○	○	○
A2.0	EQUIPMENT AND SEATING PLAN	●	○	○	○
A2.1	EQUIPMENT SCHEDULE	●	○	○	○
A3.0	ROOF PLAN	●	○	○	○
A4.0	EXTERIOR ELEVATIONS	●	○	○	○
A4.1	EXTERIOR ELEVATIONS	●	○	○	○
A5.0	BUILDING SECTIONS	●	○	○	○
A5.1	BUILDING SECTIONS	●	○	○	○
A5.2	WALL SECTIONS	●	○	○	○
A5.3	WALL SECTIONS	●	○	○	○
A5.4	WALL SECTIONS	●	○	○	○
A6.0	CONSTRUCTION DETAILS ROOF	●	○	○	○
A6.1	CONSTRUCTION DETAILS DOOR/WINDOW	●	○	○	○
A6.2	CONSTRUCTION DETAILS WALL	●	○	○	○
A6.3	FINISH DETAILS	●	○	○	○
A6.4	CONSTRUCTION DETAILS INTERIOR	●	○	○	○
A6.5	CEILING DETAILS	●	○	○	○
A6.6	HARDIE BOARD DETAILS	●	○	○	○
A7.0	FLOOR FINISH PLAN	●	○	○	○
A7.1	REFLECTED CEILING PLAN	●	○	○	○
A7.2	FINISH SCHEDULE	●	○	○	○
A8.0	INTERIOR ELEVATIONS DINING ROOM	●	○	○	○
A8.1	INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN	●	○	○	○
A8.2	INTERIOR ELEVATIONS KITCHEN	●	○	○	○
A8.3	INTERIOR ELEVATIONS KITCHEN	●	○	○	○
A9.0	PATIO DETAILS	●	○	○	○
ARCHITECTURAL SHEET COUNT: 27					

#### ACCESSIBILITY

ADA1.0	ACCESSIBILITY REQUIREMENTS	●	○	○	○
ADA1.1	ACCESSIBILITY REQUIREMENTS	●	○	○	○
ACCESSIBILITY SHEET COUNT: 2					

#### MECHANICAL

M1.0	MECHANICAL SCHEDULES AND NOTES	●	○	○	○
M2.0	DUCT AND DIFFUSER PLAN	●	○	○	○
M2.1	MECHANICAL ROOF PLAN	●	○	○	○
M3.0	HOOD DETAILS AND SECTIONS	●	○	○	○
M4.0	MECHANICAL DETAILS	●	○	○	○
M5.0	CONTROLS DETAILS	●	○	○	○
MECHANICAL SHEET COUNT: 6					

#### PLUMBING

P1.0	PLUMBING SCHEDULES AND NOTES	●	○	○	○
P2.0	WASTE AND VENT PLAN	●	○	○	○
P3.0	WATER AND GAS PLAN	●	○	○	○
P4.0	PLUMBING ROUGH-IN PLAN	●	○	○	○
P5.0	RISER DIAGRAMS	●	○	○	○
P6.0	PLUMBING DETAILS	●	○	○	○
PLUMBING SHEET COUNT: 6					

#### ELECTRICAL

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



DATE	REMARKS
11.23.21	Issued for Permit
3 02.24.22	NTP COMMENTS
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21

BUILDING TYPE: END, MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 293296

STORE NUMBER: 455386

PA/PM: SM

DRAWN BY.: RS

JOB NO.: 2020088-24

#### TACO BELL

403 E. Main St.  
Cartersville, GA 30121



### ENDEAVOR 2.0 TITLE SHEET

# T1.0

PLOT DATE: 3/31/2022 11:08:15 AM



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 WEBSITEAT: "WWW.YUMBLUELINE.COM"
- IN THE "USER" SECTION CHOOSE "GENERAL" FROM THE PULL DOWN MENU
- IN THE "PASSWORD" SECTION TYPE IN "J212/\*KLA"

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

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

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>FORMALDEHYDE LIMITS</b> MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION			
<b>PRODUCT</b>		<b>CURRENT LIMIT</b>	
<ul style="list-style-type: none"><li>HARDWOOD PLYWOOD VENEER CORE</li><li>HARDWOOD COMPOSITE CORE</li><li>PARTICLE BOARD</li><li>MEDIUM DENSITY FIBER BOARD</li><li>THIN MEDIUM DENSITY FIBERBOARD</li></ul>		<ul style="list-style-type: none"><li>0.05</li><li>0.05</li><li>0.09</li><li>0.11</li><li>0.13</li></ul>	
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"			
<b>VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT.)</b> GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS		<input type="checkbox"/>	
<b>SPECIALTY COATINGS</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>ROOF COATINGS</li><li>RUST PREVENTATIVE COATINGS</li><li>SHELLACS</li><li>CLEAR</li><li>OPAQUE</li><li>SPECIALTY PRIMERS, SEALERS &amp; UNDER-COATINGS</li><li>STAINS</li><li>STONE CONSOLIDANTS</li><li>TRAFFIC MARKING COATINGS</li><li>TUB &amp; TILE REFINISH COATINGS</li><li>WATERPROOFING MEBRANES</li><li>WOOD COATINGS</li><li>WOOD PRESERVATIVES</li><li>ZINC-RICH PRIMERS</li></ul>		<ul style="list-style-type: none"><li>50</li><li>250</li><li>550</li><li>100</li><li>250</li><li>450</li><li>100</li><li>420</li><li>250</li><li>275</li><li>350</li><li>340</li></ul>	
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 AREI RESOURCE BOARD, ARCHITECTURAL COATINGS. SUGGESTED CONTROL MEASURE, FEB 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.			
<b>COATING CATEGORY</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>FLAT COATINGS</li><li>NON-FLAT COATINGS</li><li>NON-FLAT HIGH GLOSS COATINGS</li></ul>		<ul style="list-style-type: none"><li>50</li><li>100</li><li>150</li></ul>	
<b>SPECIALTY COATINGS</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>ALUMINUM ROOF COATINGS</li><li>BASEMENT SPECIALTY COATINGS</li><li>BITUMINOUS ROOF COATINGS</li><li>BITUMINOUS ROOF COATINGS PRIMER</li><li>BOND BREAKER</li><li>CONCRETE CURING COMPOUNDS</li><li>CONCRETE / MASONRY SEALERS</li><li>DRIVEWAY SEALERS</li><li>DRY FOG COATINGS</li><li>FIRE RESISTIVE COATINGS</li><li>FLOOR COATINGS</li><li>FORM-RELEASE COMPOUNDS</li><li>HIGH TEMPERATURE COATINGS</li><li>INDUSTRIAL MAINTENANCE COATINGS</li><li>LOW SOLIDS COATINGS</li><li>MAGNESITE CONCRETE COATINGS</li><li>MASTIC TEXTURE COATINGS</li><li>PRETREATMENT WASH PRIMER</li><li>PRIMERS, SEALERS AND UNDERCOATS</li><li>REACTIVE PENETRATING SEALERS</li></ul>		<ul style="list-style-type: none"><li>400</li><li>400</li><li>50</li><li>350</li><li>350</li><li>350</li><li>100</li><li>50</li><li>150</li><li>350</li><li>100</li><li>250</li><li>420</li><li>250</li><li>120</li><li>450</li><li>100</li><li>350</li><li>100</li><li>350</li></ul>	
<b>43.1 CONTROLLED BUILDING MATERIAL (REQUIRED)</b> 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.			
<b>45.1 THERMAL COMFORT (REQUIRED)</b> INSURE THAT THE HVAC SYSTEM PROVIDES THE FOLLOWING COMFORT CONDITIONS, ON AVERAGE:			
<b>STORE OCCUPATION</b>		<b>MODE</b>	<b>TEMP SETPOINTS</b>
OCCUPIED		DINING COOLING	73-78 F
		KITCHEN COOLING	68-73 F
		DINING HEATING	68-73 F
		KITCHEN HEATING	66-71 F
UNOCCUPIED		COOLING (MINIMUM)	80 F OR OFF
		HEATING (MAXIMUM)	60 F
<b>46.1 THERMAL VERIFICATION (REQUIRED)</b> A. AT THE 11 MONTH WARRANTEE 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.			
<b>48.1 LEED TEAM MEMBER (REQUIRED)</b> EACH CONSULTANT SHALL HAVE A LEED AP MEMBER ON EACH PROJECTS SITE SPECIFIC TEAM.			
<b>49.1 COMMISSIONING (REQUIRED)</b> 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 I 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"/>
<b>37.1 RECYCLING (REQUIRED)</b> 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.			
<b>37.2 COOKING OIL RECYCLING (REQUIRED)</b> COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.			
<b>37.3 CARDBOARD RECYCLING (OPTIONAL)</b> COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.			
<b>38. AIR VENTILATION (REQUIRED)</b> 1. PROVIDE AIR VENTILATION AND EXHAUST RATES PER YUM BLUELINE. 2. PROVIDE FRESH AIR PER YUM BLUELINE.			
<b>39.1 NO SMOKING (REQUIRED)</b> A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE RESTAURANT B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTAURANT			
<b>41.1 PROTECTION OF MATERIALS (REQUIRED)</b> 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			
<b>42. LOW EMITTING MATERIALS (REQUIRED)</b> FINISH MATERIALS SHALL COMPLY WITH THIS SECTION: <b>ADHESIVES, SEALANTS AND CAULKS.</b> 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.  <b>PAINTS AND COATINGS.</b> ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD.  <b>AEROSOL PAINTS AND COATINGS.</b> AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS.  <b>VERIFICATION.</b> 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.			
<b>ADHESIVE VOC LIMITS</b>			
<b>ARCHITECTURAL ADHEASIVE APPLICATIONS</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>CERAMIC TILE</li><li>DRYWALL, PANEL &amp; COVE BASE</li><li>MULTI-PURPOSE</li><li>SINGLE PLY ROOFING</li></ul>		<ul style="list-style-type: none"><li>65</li><li>50</li><li>70</li><li>250</li></ul>	
<b>SPECIALTY APPLICATIONS</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>PVC WELDING</li><li>CPVC WELDING</li><li>ABS WELDING</li><li>PLASTIC CEMENT WELDING</li><li>ADHESIVE PRIMER FOR WELDING</li><li>CONTACT ADHESIVE</li><li>SPECIAL PURPOSE CONTACT ADHESIVE</li><li>STRUCTURAL WOOD MEMBER ADHESIVE</li><li>TOP &amp; TRIM ADHESIVE</li></ul>		<ul style="list-style-type: none"><li>510</li><li>490</li><li>325</li><li>250</li><li>550</li><li>80</li><li>250</li><li>140</li><li>250</li></ul>	
<b>SUBSTRATE SPECIFIC APPLICATIONS</b>		<b>CURRENT VOC LIMIT</b>	
<ul style="list-style-type: none"><li>METAL TO METAL</li><li>PLASTIC FOAMS</li><li>POROUS MATERIALS (EXCEPT WOOD)</li><li>WOOD</li><li>FIBERGLASS</li></ul>		<ul style="list-style-type: none"><li>30</li><li>50</li><li>50</li><li>30</li><li>80</li></ul>	
<b>SEALANT VOC LIMITS</b> (LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER)			
<b>SEALANT</b>		<b>CURRENT LIMIT</b>	
<ul style="list-style-type: none"><li>ARCHITECTURAL</li><li>MARINE DECK</li><li>NON-MEMBRANE ROOF</li><li>ROADWAY</li><li>SINGLE PLY ROOF MEMBRANE</li><li>OTHER</li></ul>		<ul style="list-style-type: none"><li>250</li><li>760</li><li>300</li><li>250</li><li>450</li><li>420</li></ul>	
<b>SEALANT PRIMER</b>		<b>CURRENT LIMIT</b>	
<ul style="list-style-type: none"><li>ARCHITECTURAL</li><li>NON-POROUS</li><li>PORUS</li><li>MODIFIED BITUMINOUS</li><li>MARINE DECK</li><li>OTHER</li></ul>		<ul style="list-style-type: none"><li>250</li><li>775</li><li>500</li><li>760</li><li>75</li></ul>	

FEASIBILITY	DESIGN	CONSTRUCTION	COMMISSIONING
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>1.3 CONTAMINATED SITES (OPTIONAL)</b> IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX.			
<b>1.4 LOCATION COMMITMENT (REQUIRED)</b> COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE.			
<b>1.5 PAY UTILITIES DIRECTLY (REQUIRED)</b> 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.			
<b>2.2 PROXIMITY TO BUS STOP (OPTIONAL)</b> SITE IS WITHIN 1/4 A MILE OF A BUS STOP.			
<b>3.0 BICYCLE FACILITIES (REQUIRED)</b> 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.			
<b>5.1 PARKING (OPTIONAL)</b> DO NOT EXCEED PARKING SPACES REQUIRED BY LOCAL ZONING. SEE CREDIT 5. PROVIDE 5% PREFERRED PARKING FOR CARPOOL.			
<b>7.2 WHITE ROOF (REQUIRED)</b> PROVIDE WHITE PVC SINGLE MEMBRANE ROOF MATERIAL.			
<b>9.0 CONSTRUCTION POLLUTION CONTROL (REQUIRED)</b> 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			
<b>10.2 BUILDING WATER (REQUIRED)</b> PROVIDE PLUMBING FIXTURES AS SPECIFIED IN THE PROTOTYPE DRAWINGS, SPECIFICATIONS AND EQUIPMENT MODEL.			
<b>11.2 PROCESS WATER (REQUIRED)</b> ALL WATER USING EQUIPMENT SPECIFIED IN THE PROTOTYPE EQUIPMENT SCHEDULE SHALL BE USED FOR ALL GROUND-UP RESTAURANTS.			
<b>12.1 LANDSCAPE DESIGN (REQUIRED)</b> ALL LANDSCAPE DESIGNS FOR NEW GROUND-UP RESTAURANTS SHALL FOLLOW THE LANDSCAPE STANDARDS POSTED ON THE PLANS.YUM.COM WEBSITE.			
<b>13.1 IRRIGATION WATER (REQUIRED)</b> 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			
<b>15.3 INTERIOR LIGHTING (REQUIRED)</b> THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.			
<b>16.2 EXTERIOR LIGHTING (REQUIRED)</b> THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.			
<b>17.2 SIGN ILLUMINATION (REQUIRED)</b> THE CURRENT SIGNAGE SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.			
<b>18.1 EXHAUST HOODS (REQUIRED)</b> THE CURRENT 6'-3" BACK SHELF HOOD DESIGN AND EQUIPMENT PLACEMENT AS SHOWN IN THE GROUND-UP PROTOTYPE RESTAURANT SHALL BE USED.			
<b>19.1 LICENSED HVAC ENGINEER (REQUIRED)</b> USE A LICENSED HVAC ENGINEER FOR SYSTEM SITE ADAPTATION.			
<b>19.2 OPTIMIZE HVAC DESIGN (REQUIRED)</b> OPTIMIZE HVAC DESIGN SYSTEM PER YUM BLUELINE STANDARDS			
<b>20.0 HVAC EFFICIENCY (REQUIRED)</b> USE THE STANDARD HIGH EFFICIENCY (MINIMUM EER 12.0) RTU AS SPECIFIED AND INSTALL PER THE CURRENT PROTOTYPE GROUND UP RESTAURANT.			
<b>21.0 ECONOMIZER PERFORMANCE (REQUIRED)</b> USE A FACTORY PROVIDED ECONOMIZER WITH DIFERENTIAL CONTROLS INTEGRAL TO AND COMPATIBLE WITH THE RTU'S SPECIFIED IN THE PROTOTYPE PLAN.			
<b>22.1. HOT WATER EFFICIENCY (REQUIRED)</b> USE THE WATER HEATER SPECIFIED IN THE TACO BELL PROTOTYPE.			
<b>23.1 REFRIGERANTS (REQUIRED)</b> DO NOT USED BANNED REFRIGERANTS. IF YOU USE ANY MODERN RTU YOU WILL NOT USE BANNED REFRIGERANTS			
<b>24.1 REFRIGERATION (REQUIRED)</b> 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			
<b>25.1 COOKING &amp; WASHING EQUIPMENT (REQUIRED)</b> A. USE THE CURRENT SPECIFIED FRYER IN THE PROTOTYPE. B. USE THE CURRENT SPECIFIED 3-COMP SINK IN THE PROTOTYPE.			
<b>28.1 BASIC LIGHTING &amp; THERMAL CONTROLS (REQUIRED)</b> A. PROVIDE PROGRAMMABLE THERMOSTATSSPECIFIED 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.			
<b>28.3 OCCUPANCY SENSORS (OPTIONAL)</b> PROVIDE ULTRASONIC(INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE OF INTERIOR LIGHTING.			
<b>33.1 RECYCLED CONTENT (REQUIRED)</b> USE MATERIALS THAT HAVE A MINIMUM OF 10% RECYCLED MATERIALS. (NOTE: GETTING THE CALCULATIONS IN PROCESS)			
<b>36.1 CONSTRUCTION WASTE MANAGEMENT (REQUIRED)</b> 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
	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

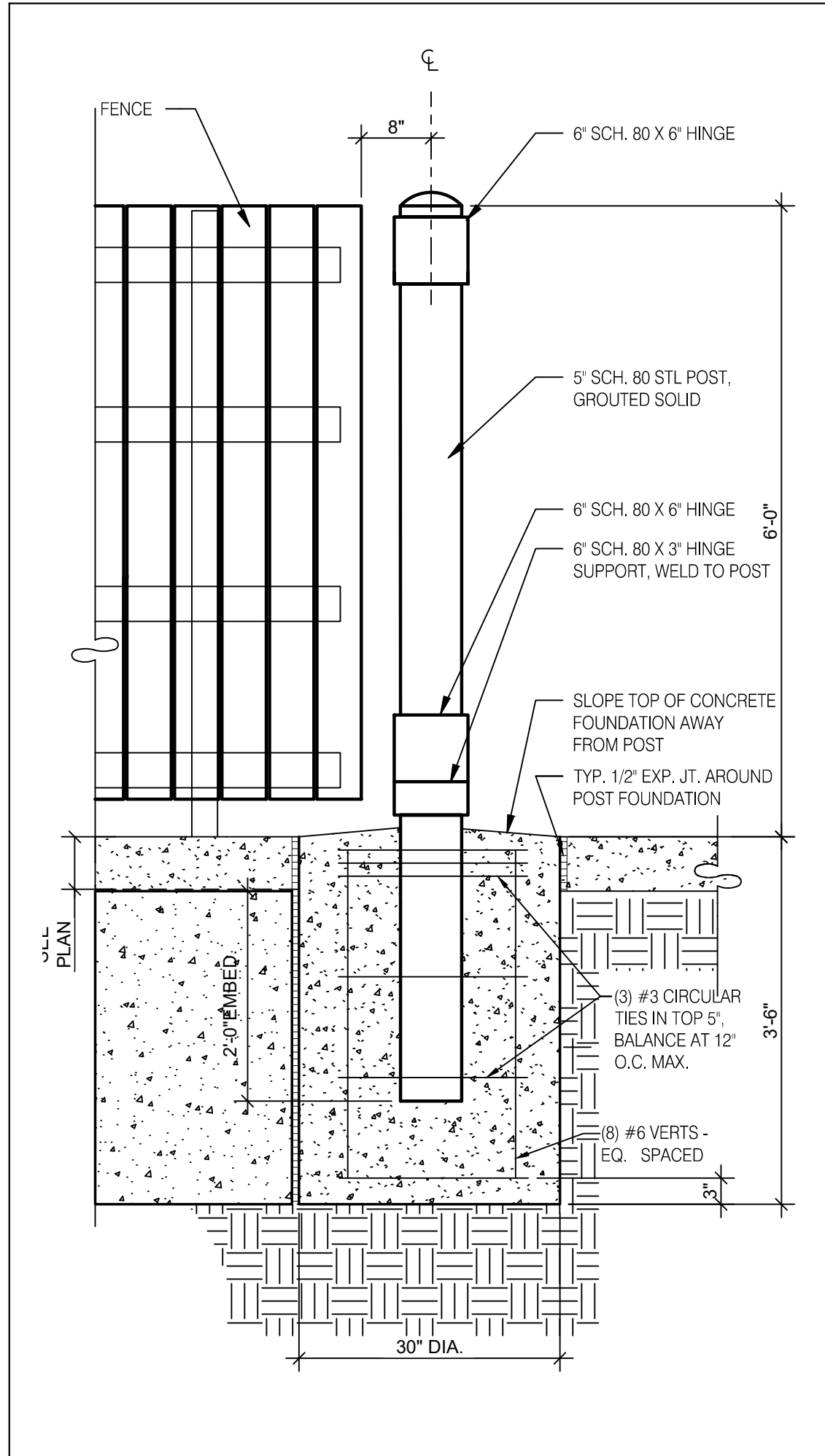
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
GREEN  
CHECKLIST  
SHEET

G1.0

PLOT DATE: 3/31/2022 11:08:01 AM

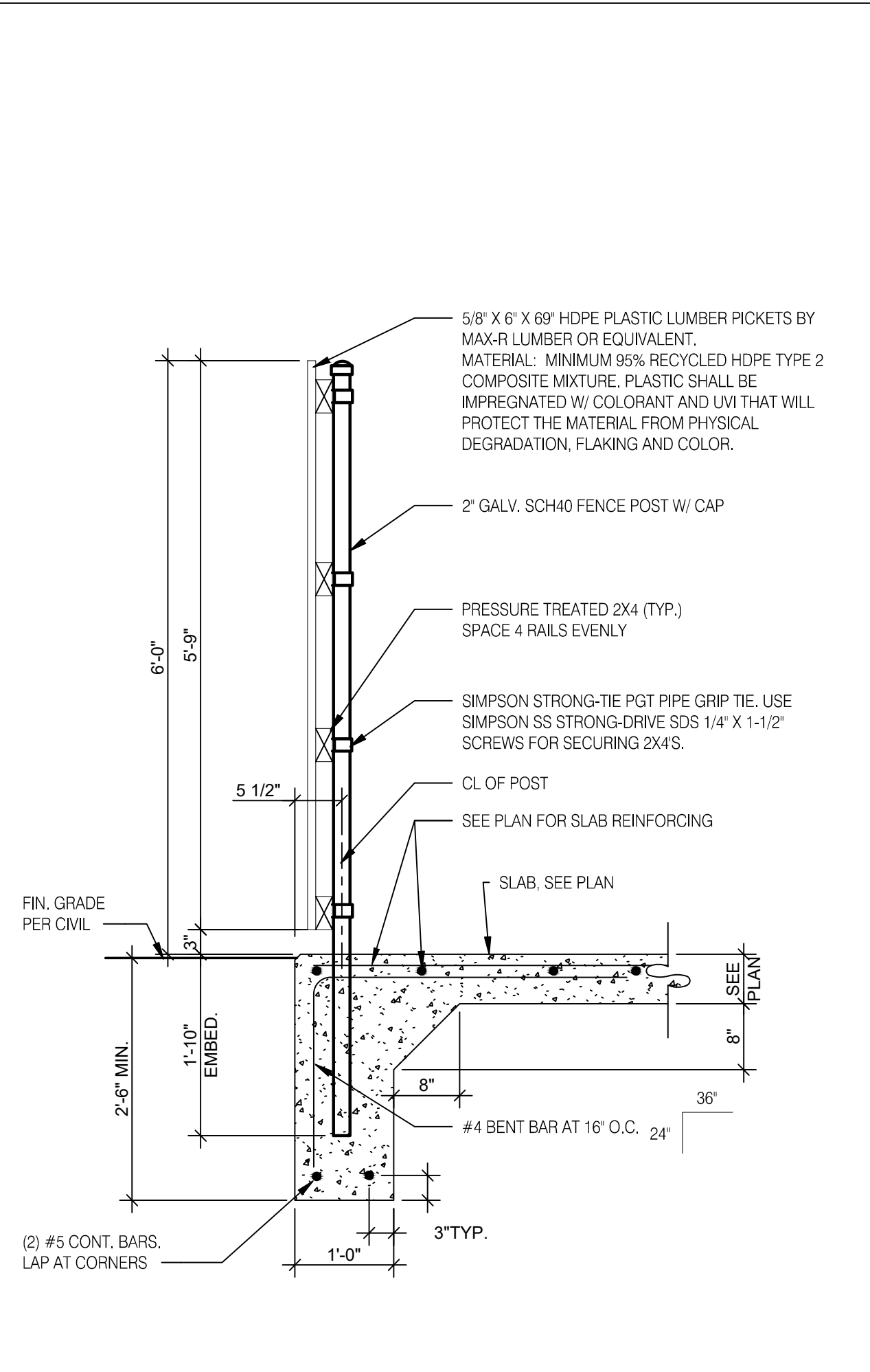


GATE HARDWARE: ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.

GATE STOP: MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.

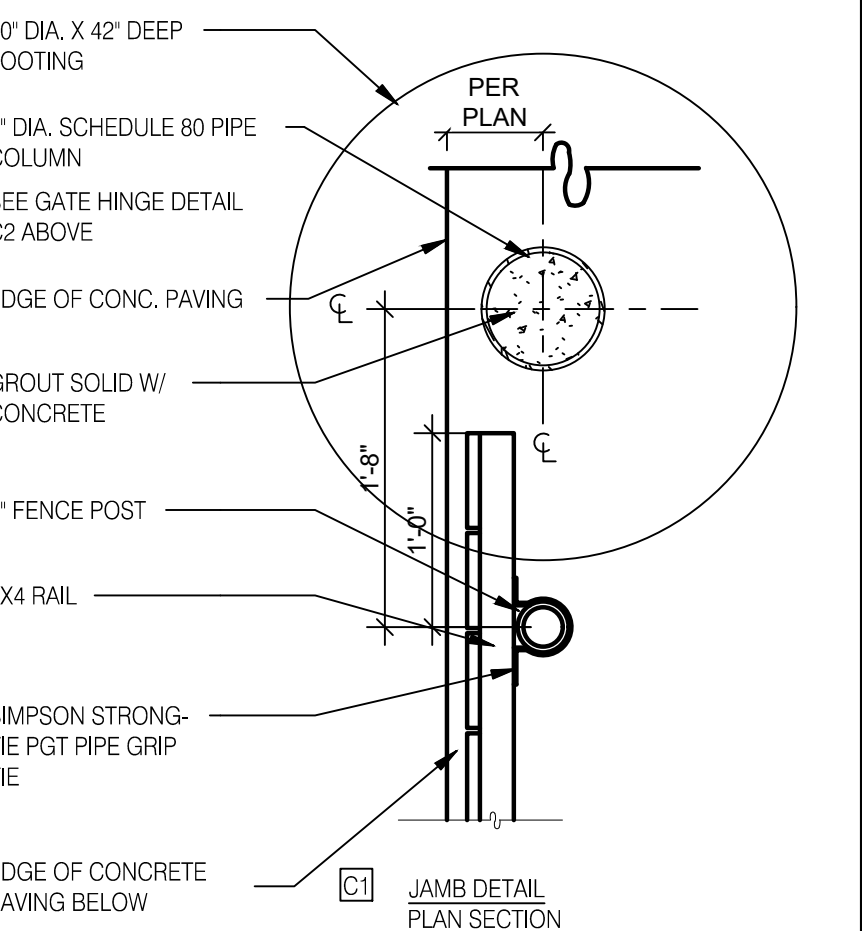
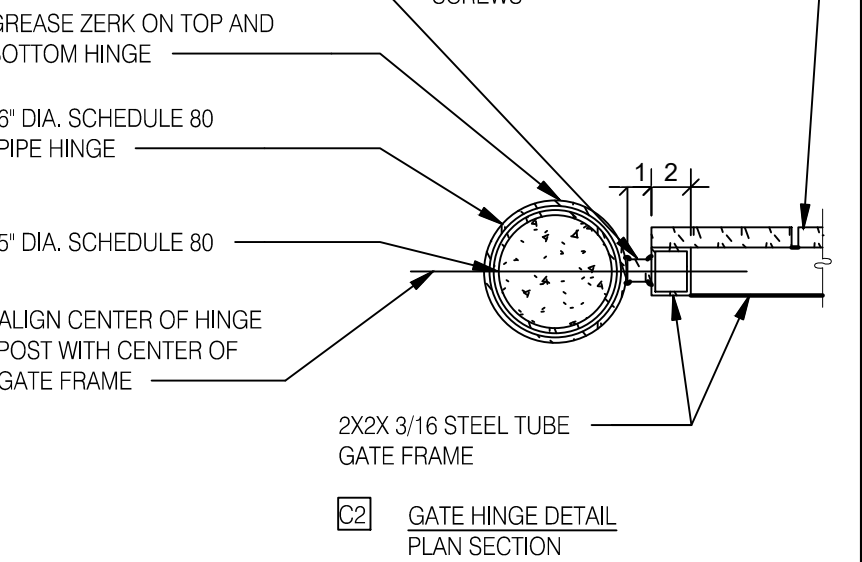
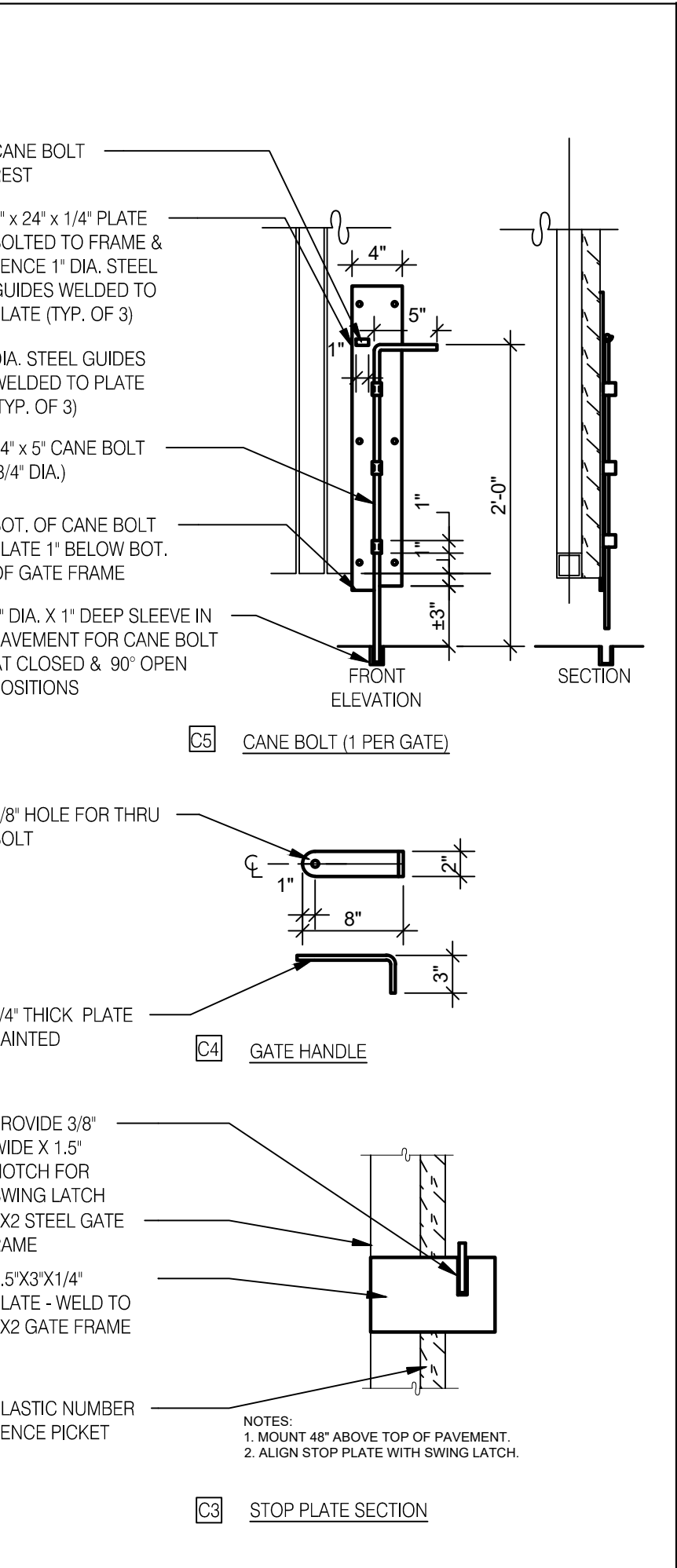
GATE NOTES: (4) EQUAL WIDE x 6'-0" HIGH MTL. GATES, TYPE 'B' 1 1/2" DECKING, 22GA. W/T.S. 1 X1 1875 BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS. TYP. PRIME AND PAINT ALL STEEL COMPONENTS.

ENCLOSURE NOTES N.T.S. G

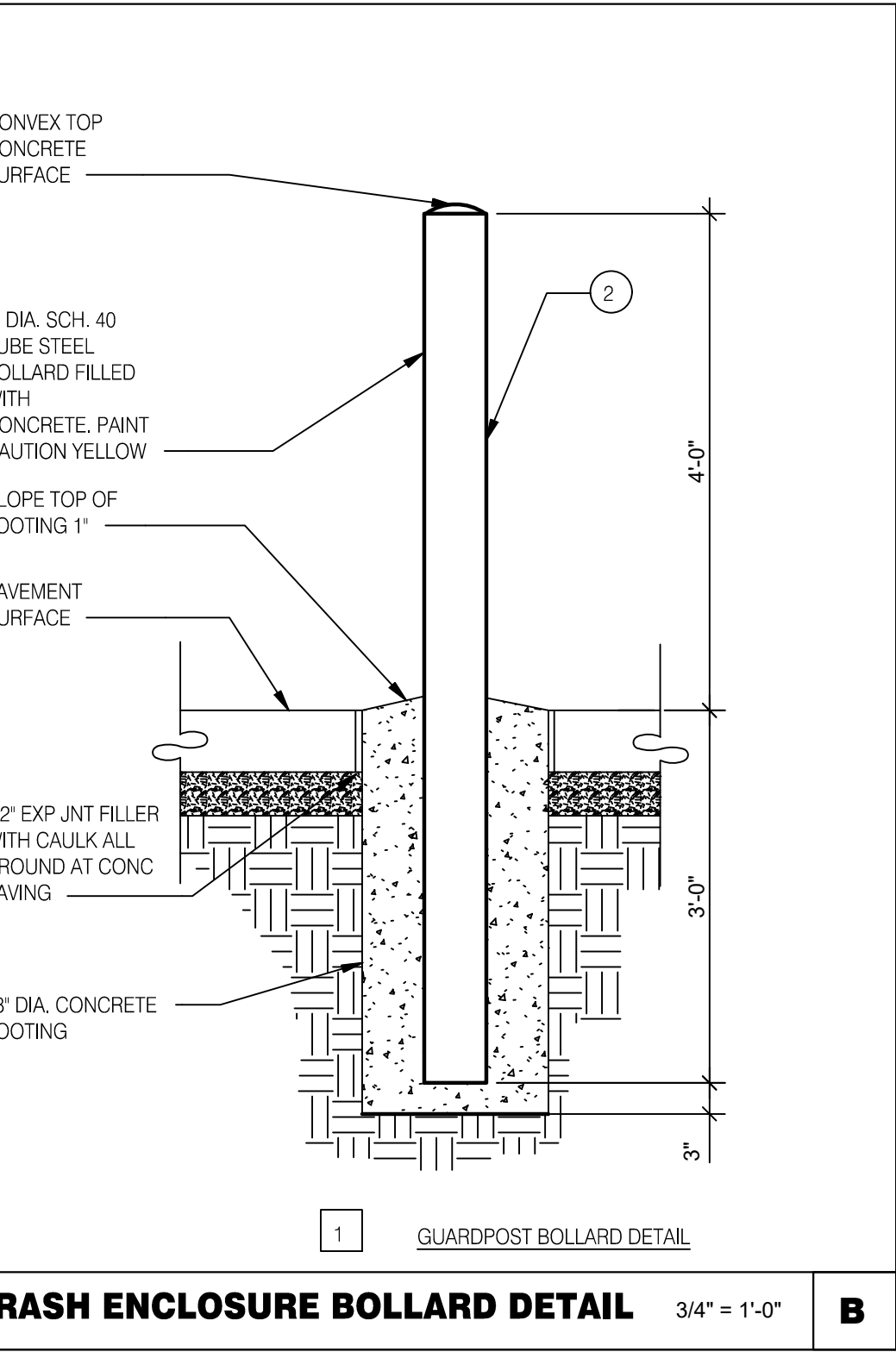


SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME COLOR	SHERWIN WILLIAMS	SW 7055 ENDURING BRONZE
2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW
3	HDPE LUMBER	MAX. R	LIGHT BROWN TEXTURE

SCHEDULE N.T.S. E



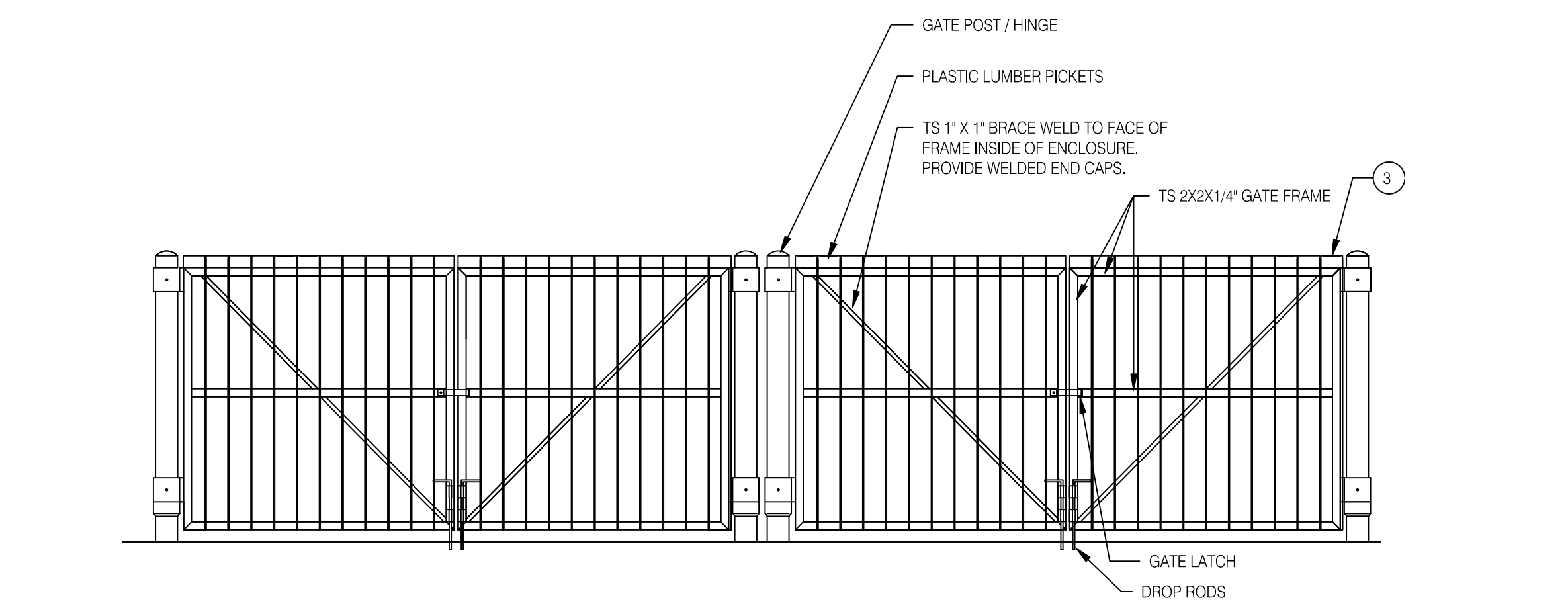
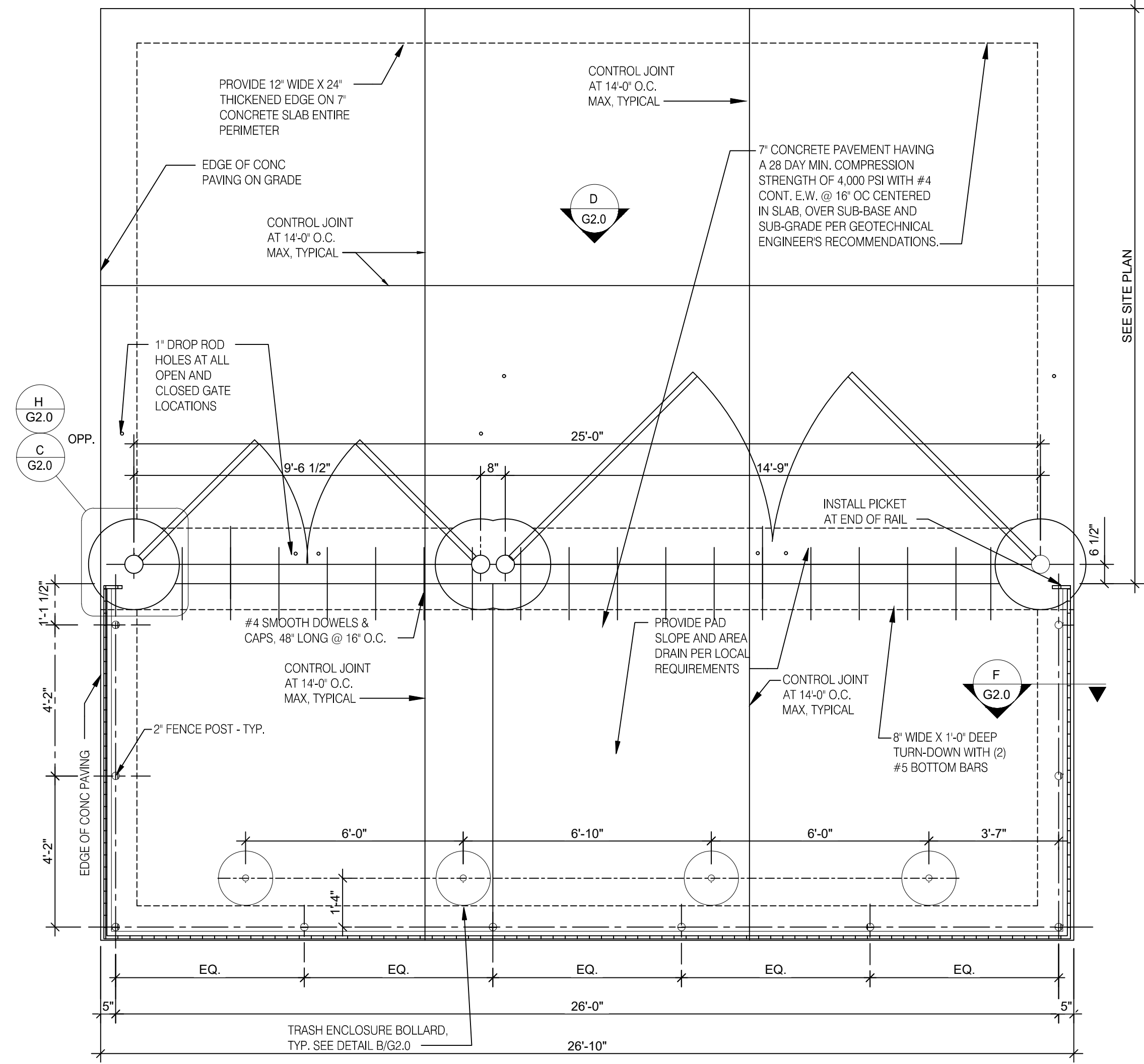
GATE DETAILS N.T.S. C



- CONCRETE NOTES:
- INSTALL 1/2" EXP. JT. MATERIAL AND SEALANT BETWEEN CONCRETE SLABS
  - INSTALL CONTROL JOINTS AT MAX. 10' O.C. IN SLABS.

SEE SHEET S1.0 FOR CONCRETE AND FOUNDATION REQUIREMENTS

SEE CIVIL DRAWINGS FOR ORIENTATION ON SITE



FRONT ELEVATION N.T.S. D

DATE	REMARKS
11.23.21	Issued for Permit
03.17.22	Issued for RSCS Bid
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CONTRACT DATE: 10.06.21  
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BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
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PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

**TACO BELL**  
403 E. Main St.  
Cartersville, GA 30120



ENDEAVOR 2.0

**TRASH ENCLOSURE DETAILS**  
**G2.0**



INTEGRATED PEST PREVENTION (IPP) CAN BE DEFINED AS, "THE ART AND SCIENCE OF PREVENTING THE INTRODUCTION OF UNWANTED ORGANISMS INTO COMPLEX MICROENVIRONMENTS AND THE ASSOCIATED MITIGATION EFFORTS REQUIRED WHEN PREVENTION FAILS". IPP ENCOMPASSES THE CONCEPTS, STRATEGIES AND TACTICS NEEDED TO EFFECTIVELY PROTECT HUMAN HEALTH AND PROPERTY FROM THE PRESENCE OF UNWANTED ORGANISMS.

EVERY PEST, WHETHER MICROBIOLOGICAL, INVERTEBRATE OR MAMMALIAN NEED A FOOD SOURCE, WATER, SAFE HARBORAGE (SUITABLE ENVIRONMENT – TEMPERATURE, HUMIDITY, HIDING PLACES), THEY ALSO NEED A WAY INTO THE RESTAURANT. IN MOST CASES, CONTROLLING EVEN 1 OF THE REQUIREMENTS CAN PREVENT AN INTRODUCTION FROM BECOMING AN INFESTATION (ARTHROPODS OR VERTEBRATES) OR THE GROWTH OF PATHOGENIC ORGANISMS (BACTERIA/FUNGI ETC.). WHILE WE CANNOT ELIMINATE ALL INTRODUCTIONS FROM EMPLOYEES, CUSTOMERS AND DELIVERIES, WE CAN VIRTUALLY ELIMINATE INTRUSIONS DUE TO CONSTRUCTION AND DESIGN FAULTS AND, OPERATIONAL BEHAVIOR.

IN GENERAL, WHEN YOU THINK ABOUT EXCLUDING PEST FROM A BUILDING, YOU CAN THINK OF THE PESTS AS WATER. WE DON'T WANT UNNECESSARY WATER GETTING INTO THE BUILDING SO WE ADD APPROPRIATE BARRIERS. FROM VAPOR BARRIERS TO CONCRETE CURBS, WE BLOCK OR REDIRECT WATER. SAME WITH PESTS, FOR INSECTS WE CAN USE MATERIALS LIKE ELASTOMERIC SEALANTS AND HARD SURFACES TO PREVENT INTRUSION, FOR RODENTS, THE SAME CONCEPTS APPLY BUT THE BUILDING MATERIALS/PRACTICES HAD TO BE MORE ROBUST (CEMENTITIOUS MATERIALS WITH METAL REINFORCEMENT).

FOR ALL ASPECTS OF PEST PREVENTION ACTIVITIES, WE ARE MOVING TOWARDS SEASONALLY AND GEOGRAPHICALLY ATTENUATED (SAGA) © AND ENVIRONMENTALLY AND SOCIALLY RESPONSIBLE PEST PREVENTION PROGRAMMING © TO ACHIEVE MANAGEABLE, SITE-SPECIFIC SCOPES OF WORK.

**GUIDING PRINCIPLE 1 – SITE SELECTION:**

YOU HAVE TO TRY TO LOOK AT EVERY PHYSICAL ASPECT OF THE BUILDING AND ITS ENVIRONMENT. TO THIS END, IT IS PREFERABLE TO ESTABLISH A RELATIONSHIP WITH A LOCAL MEMBER OF YOUR PEST PREVENTION PROVIDERS' MANAGEMENT TEAM AND ASK THEM TO GIVE SOME GENERAL GUIDANCE DURING THE SITE SELECTION PROCESS. THEY MAY BE AWARE OF NEIGHBORHOOD LEVEL PEST PREVENTION CONCERNS AND HAVING THEM INVOLVED FROM THE BEGINNING ALLOWS THEM TO PROPERLY CREATE/MODIFY THE PRE AND POST CONSTRUCTION SERVICE PLANS. FROM BOTH GLOBAL AND LOCAL PERSPECTIVES, LOCATION CHARACTERISTICS ARE CLEARLY THE DRIVING FORCE IN POTENTIALLY PREDICTABLE PEST PROBLEMS. MUCH OF THE RELEVANT INFORMATION NEEDED ABOUT ANY PARTICULAR STORE IS ALREADY IN TACO BELLS HANDS IN THE FORM OF PEST ACTIVITY DATA. ADDITIONAL INFORMATION CAN BE GATHERED FROM LOCAL EXPERTS (IF AVAILABLE) OR ASSESSED BY TACO BELL CORPORATE QA/FOOD SAFETY STAFF.

QA/FOOD SAFETY RESOURCES ARE AVAILABLE TO COORDINATE OR PERFORM ASSESSMENTS AS NEEDED.

THE CRITICAL FACTORS, IRRESPECTIVE OF BROAD GEOGRAPHICAL LOCATION, WOULD BE: STAND ALONE VS. MALL LOCATION, COMBINATION FACILITY\*\*, THE AGE OF THE FACILITY\*\*, AND GENERAL NEIGHBORHOOD CONDITIONS.

FACTORS THAT WE CANNOT CONTROL, BUT CAN ANTICIPATE/MITIGATE:

- a. WEATHER / CLIMATIC ZONE
- b. LOCALIZED SPECIAL PEST ISSUES (PAST PEST HISTORY)
- c. BUILDING LOCATION - PARTICULARLY A CONCERN IN URBAN AREAS. LITTER, AGING UTILITIES, SUBWAYS AND FOOT TRAFFIC LEVELS MUST BE ACCOUNTED FOR.
- d. BUILDING AGE
- e. BUILDING PLACEMENT
- f. NEIGHBORHOOD (PHYSICAL AND SOCIOECONOMIC) CONDITIONS
- \* COMBINATION FACILITY CAN MEAN AN INLINE LOCATION OR MULTI-USE FACILITY (FOR EXAMPLE, ADDING A BAR TO A RESTAURANT OR PLACING A RESTAURANT IN A TRAVEL CENTER ADDS COMPLEXITIES DUE TO INCREASED PEST OPPORTUNITIES.)
- \*\*THE AGE OF THE BUILDING INTRODUCES ISSUES LIKE: CONSTRUCTION MATERIALS AND BUILDING STANDARDS.

GUIDING PRINCIPLE 2 – BUILDING DESIGNED FOR EXCLUSION, INSPECTION, CLEANING AND TREATMENT: USING PROPER TECHNIQUES TO KEEP PESTS OUT IS EASY ENOUGH BUT TIME AND USE EVENTUALLY TAKE THEIR TOLL ON THE ENTIRE STRUCTURE. THE RESULTS CAN BE RAPID DETERIORATION AND PEST INTRUSION/INFESTATION. 1. USE HIGH QUALITY CONSTRUCTION MATERIALS TO PREVENT THE INTRUSION OF MOISTURE AND PESTS (SPECIFICS AVAILABLE IF REQUIRED). MOISTURE INVITES THE FULL SPECTRUM OF PESTS TO ENTER AND BECOME ESTABLISHED IN THE BUILDING, RESULTING IN A THREAT TO PUBLIC HEALTH AND DAMAGE TO THE ASSET. THIS APPLIES TO MOISTURE WITHIN THE BUILDING AS WELL AS ENVIRONMENTAL MOISTURE. COUNTERS, BEVERAGE MACHINES, DRAINS, SINKS ALL HAVE TO BE WELL SEALED TO PREVENT MOISTURE FROM PENETRATING INTO CRACKS, CREVICES OR VOIDS.

- 1. THE PESTS OF PRIMARY FOOD SAFETY/PUBLIC HEALTH CONCERN ARE LARGELY CRYPTIC IN NATURE, THEY EITHER LIKE TO HIDE (RODENTS), MUST HIDE (COCKROACHES) OR SIMPLY REQUIRE QUIET, DARK, OUT OF THE WAY PLACES TO BREED (COCKROACHES AND FLIES). RESTAURANT STAFF AND PEST PREVENTION PARTNERS MUST BE ABLE TO MOVE EQUIPMENT AROUND TO SEE WHAT IS HAPPENING.
- 2. THE FLOORS, DRAINS AND WALLS HAVE TO BE DURABLE AND EASILY CLEANED. A. AVOID TILE WHEN POSSIBLE (GROUT LINES) I. WHEN TILE MUST BE USED, EPOXY GROUT IS PREFERRED B. DRAINS MUST BE POSITIONED TO BE EASILY INSPECTED AND CLEANED C. EQUIPMENT MUST BE EASY TO MOVE TO CLEAN THE FLOOR D. EQUIPMENT MUST BE DESIGNED TO BE EASILY CLEANED.
- 3. TREAT WALL VOIDS AND DIFFICULT TO INSPECT STRUCTURAL AREAS WITH BORACARE (DISODIUM OCTABORATE TETRAHYDRATE) TO ASSIST IN THE PREVENTION OF ARTHROPOD INFESTATIONS.
- 4. TREAT AREAS PRONE TO INFECTON WITH MOLD-CARE (DIDECYL DIMETHYL AMMONIUM CHLORIDE).
- 5. BASEMENTS A. FOLLOW THE SAME EXCLUSION PRINCIPLES IN GENERAL. TERMS B. ADDITIONAL PEST DEVICES MUST BE ADDED/ACCOMMODATED C. AIRFLOW IS CRITICAL. SINCE FOOD RELATED ITEMS WILL BE STORED IN THESE AREA, WE MUST NOT ALLOW MOISTURE TO FOSTER THE DEVELOPMENT OF MICROORGANISMS (BOTH PATHOGENIC AND NON-PATHOGENIC).
- 6. EXTERIOR DESIGN TO ELIMINATE INTRODUCTION POINTS AND HARBORAGE AREAS A. NO TREES OVERHEAD OR TOUCHING THE BUILDING B. NO SHRUBS, BUSHES, VINES TOUCHING OF IN CLOSE PROXIMITY TO THE BUILDING C. STRATEGICALLY PLACE WASTE (COMPOST/RECYCLING/LANDFILL) RECEPTACLES AWAY FROM THE BUILDING WHEREVER POSSIBLE AND HAVE THEM IN WELL-LIT AREAS (IF APPROPRIATE).
- 7. LIGHTING SHOULD BE INDIRECT WHENEVER POSSIBLE TO PREVENT NIGHT FLIERS FROM BEING DRAWN TO THE BUILDING.
- 8. AVOID SEMI-ENCLOSED (PARTIAL SOFFIT) AREAS WHERE BIRDS AND MAMMALS CAN HARBOR.

(APPENDIX FOLLOWS)

APPENDIX  
PEST MANAGEMENT, IN A STANDALONE SETTING IS ACTUALLY QUITE SIMPLE WHEN PROPERLY EXECUTED BY ALL PARTICIPANTS. AS IT RELATES TO BUILDING DESIGN AND CONSTRUCTION, THERE ARE JUST A FEW PRINCIPLES THAT IF ADDRESSED WITH GREATLY DIMINISH PEST ISSUES.

- 1. DON'T PROVIDE ANY UNNECESSARY ATTRACTANTS WHEN POSSIBLE AND, MITIGATE WHEN UNAVOIDABLE. 2. IF THE BUILDING IS TIGHT, THEN PESTS CANNOT COME IN EASILY. 3. MAKE SURE THAT THERE IS ENOUGH AIRFLOW INTO THE BUILDING FROM ABOVE TO FACILITATE POSITIVE PRESSURE AT THE DOORS. 4. IF THE PESTS CAN'T GET INTO THE BUILDING, THERE WON'T BE AN INTRODUCTION. 5. IF THEY DO GET IN THE BUILDING BUT, HAVE NOWHERE TO HIDE, THERE WON'T BE AN INFESTATION. A. EQUIPMENT, WHEN POSSIBLE SHOULD BE TIGHTLY SEALED. I. EXAMPLE, MANY TIMES, STAINLESS "CURTAINS" ARE PLACED TO SHIELD THE UNDERSIDE OF EQUIPMENT FROM VIEW. THIS WILL NOT KEEP ANYTHING OUT. B. WHEN NOT POSSIBLE, MAKE IT EASY TO OPEN FOR INSPECTION AND TREATMENT. ALSO, CONSIDER THE NEED FOR MONITORING DEVICES NEAR ENTRY POINTS. I. EXAMPLE, IF A PIECE OF EQUIPMENT MUST HAVE A HOLE AT THE BOTTOM, MAKE SURE THAT A DEVICE CAN BE PLACED APPROPRIATELY IN OR UNDER IT. KEEP VISUAL INSPECTION IN MIND TOO. C. AVOID DIFFICULT TO CLEAN EQUIPMENT. IF IT ISN'T EASY, PEOPLE WON'T CLEAN IT. D. IN SUMMARY, IF YOU CAN, KEEP THEM OUT. IF YOU CANT MAKE SURE THE EQUIPMENT CAN BE EASILY CLEANED AND INSPECTED.

- I. EXTERIOR SANITARY DESIGN  
A. BUILDING PERIMETER:
  - THERE ARE NO OUTSIDE PITS OR DEPRESSIONS. THE PERIMETER SLOPES AWAY FROM THE BUILDING.
  - A 2-FOOT GRAVEL BARRIER IS PRESENT WITH DRAINS IN CRITICAL DRAINAGE AREAS.
  - EXPANSION JOINTS AROUND PERIMETER ARE FILLED WITH CORRECT JOINT FILLER.
  - THERE ARE NO OUTSIDE STORAGE AREAS THAT COULD PROVIDE HARBORAGE FOR PESTS.
  - NO CHAIN LINK FENCES ARE PRESENT NEAR THE FACILITY.
  - BUILDING DESIGN ALLOWS FOR EASY WEED ACCESS/REMOVAL AND LAWN MAINTENANCE.
  - EXTERIOR SMOKING AREA IS PROVIDED FOR EMPLOYEES SUCH THAT THE DEBRIS FOUND IN THESE AREAS DOES NOT ATTRACT PESTS INTO THE FACILITY.
  - BUILDING DESIGN DETERS BIRDS FROM NESTING OR LOAFING.

- B. UTILITY LINES:
  - UTILITY LINES, ELECTRICAL CONDUITS, AND PLUMBING ENTRANCES INTO THE BUILDING ARE COMPLETELY SEALED, PREVENTING PEST ENTRY.
  - PIPES OR WIRING ARE NOT GROUPED INTO GANGS AND ARE NOT HOUSED IN METAL TUBES.
  - UTILITY SYSTEMS ARE EASILY ACCESSIBLE AND EASILY OPENED FOR THOROUGH CLEANING.
  - RODENTS ARE DETERRED FROM CLIMBING PIPES ON THE BUILDING EXTERIOR BY FITTED METAL RAT GUARDS. GUARDS ARE MADE OF 26-GAUGE SHEET METAL, FITTED CLOSE TO THE WALL AT THE REAR, AND PROJECTING 12 INCHES OUTWARD FROM THE PIPE.
  - OUTSIDE VERTICAL PIPES ARE COATED WITH GLOSSY PAINT TO PREVENT RODENTS FROM CLIMBING THEM.
  - WHERE POSSIBLE, UTILITY LINES ARE TRENCHED, RATHER THAN SUSPENDED.

- C. PARKING AND ROADWAYS: • ALL PARKING AND TRAFFIC AREAS ARE PAVED. • DRAINS ARE PLACED IN ALL DOCK AND DUMPSTER AREAS. • DRAINS ARE FREE OF DEBRIS.

- D. LANDSCAPING: • PERIMETER FOLIAGE CLEARS BUILDING BY 18" MINIMUM AND NOT TALLER THAN 24 INCHES. • TREES ARE AT LEAST 30 FEET AWAY FROM BUILDING PERIMETER. • GROUND COVER DOES NOT INCLUDE PINE STRAW OR THATCHED GRASS. • GROUND COVER SUCH AS GARDEN STONES AND SPARSE LIVE PLANT COVER ARE USED.

- E. EXTERIOR LIGHTING:
  - BUILDING PERIMETER IS WELL LIGHTED.
  - EXTERIOR LIGHTS ARE LOCATED AT LEAST 30-40 FEET AWAY FROM EXTERIOR DOORS, SO THAT THEY DO NOT ATTRACT FLYING INSECTS INTO THE BUILDING. (IF FEASIBLE.)
  - OUTSIDE LIGHTS ARE SHIELDED TO SHINE DOWN ONTO THE BUILDING PERIMETER AND DO NOT SHINE OUT/AWAY FROM THE FACILITY. SHADOW BOX FIXTURES PREFERRED.
  - BULBS LESS ATTRACTIVE TO INSECTS SUCH AS HIGH PRESSURE SODIUM ARE USED.
  - INSECT LIGHT TRAPS ARE LOCATED SUCH THAT THEY DO NOT DRAW INSECTS INTO THE FACILITY.

- F. SANITARY DUMPSTER AND TRASH STORAGE:
  - DRIVE AND STORAGE AREA ARE PAVED.
  - TRASH STORAGE IS LOCATED AWAY FROM INCOMING GOODS AND ISOLATED FROM FACILITY.
  - TRASH STORAGE IS LOCATED IN A WALLED SPACE, WITH OPEN AREA AND MINIMAL AVAILABLE HARBORAGE FOR RODENTS, BIRDS, OR INSECTS.
  - TRASH STORAGE IS LOCATED DOWNWIND (PREVAILING WINDS) WHEN POSSIBLE.
  - TRASH STORAGE IS SEPARATED FROM FACILITY BY FIRE-RATED SEPARATION WALLS.
  - HOT WATER RINSE IS AVAILABLE AND PROPER DRAIN(S) ARE PRESENT.
  - HAND-SANITIZER PROVIDED FOR RE-ENTRY INTO THE FACILITY.
  - SANITATION DUMPSTER IS ADEQUATE FOR VOLUME, HAS A RAIN COVER, AND IS SEALED WITH NO LEAKS.
  - SIGN (FOR EMPLOYEES) IS PRESENT IN DUMPSTER AREA - KEEP THIS AREA CLEAR AND CLEAN.
  - SIGN (FOR EMPLOYEES) IS PRESENT IN DUMPSTER AREA - DO NOT FEED STRAY ANIMALS/BIRDS.

- G. RECYCLING STORAGE:
  - OUTSIDE STORAGE IS WELL DRAINED; PAVING IS DESIRABLE.
  - PLASTIC/GLASS - DEDICATED CONTAINERS ARE PROVIDED, AREA FOR DRY STORAGE IS PROVIDED.
  - HOT WATER AVAILABLE WITH FLOOR DRAINS FOR CLEANING.

- H. ROOF CONSTRUCTION:
  - SINGLE MEMBRANE OR SMOOTH ASPHALT IS PREFERRED; AVOID BALLASTED ROOFING OR HOT MOP ROOFS.
  - ACCESSSES TO ROOF ARE CONVENIENTLY LOCATED, COVERED AND SEALED WHEN CLOSED.
  - CURBING (RUN-OFF STOP) IS DESIGNED TO A 12-18 INCHES HEIGHT MINIMUM.
  - MINIMAL FLAT SURFACES ARE AVAILABLE FOR NESTING/LOAFING SITES.
  - ROOF DESIGNED TO DETER STORAGE OF ANY KIND.
  - NO SKY LIGHTS ARE PRESENT; OR ONLY DOUBLE DOMED SKYLIGHTS ARE USED AND ARE WELL SEALED.
  - THERE ARE NO BRIGHT COLORS ATTRACTIVE TO INSECTS (YELLOW, RED), OR BIRDS (WHITE).
  - ONLY QUALITY FLASHING IS USED.
  - EQUIPMENT AND METAL DUCTWORK ARE PROPERLY MOUNTED WITH ALL JOINTS SEALED.
  - ROOF DRAINAGE:
    - ALL ROOF DRAIN PIPES PROPERLY TREATED WITH NH<sub>3</sub> TO AVOID RUSTING.
    - OPEN PIPES AND VENTS ARE SCREENED WITH 1/4- INCH SCREENING OR CAPPED TO KEEP PESTS OUT.
    - ROOF DRAIN PIPES ARE INSULATED TO PREVENT FREEZING.
    - ROOF DRAINS ARE ROUTED TO THE SANITARY SEWER, DOWN-SPOUTS CARRY WATER AWAY FROM BUILDING.
    - CANOPY RUNOFF IS ROUTED AND DOES NOT RUN OFF ANY EDGE.
    - NO DEPRESSIONS OR SITUATIONS EXIST THAT CREATE STANDING WATER.

- F. DOORS: • VESTIBULES ARE PRESENT AT EACH EMPLOYEE AND FACILITY ENTRY-WAY WHENEVER POSSIBLE. • PEDESTRIAN DOORS OPEN TO THE (OUTSIDE) OF THE FACILITY ONLY.
  - PEDESTRIAN DOORS ARE CONSTRUCTED WITH GALVANIZED OR STAINLESS STEEL FRAME.
  - PEDESTRIAN DOORS HAVE PROPER DOOR-SWEEPS INSTALLED. BRUSHES ARE USED; RUBBER IS NOT.
  - PEDESTRIAN DOORS ARE (FOAM) INSULATED, NO FIBERGLASS INSULATION IS USED.
  - WOODEN DOORS ARE NOT PRESENT.
  - PEDESTRIAN DOORS HAVE A DOOR CLOSER, THERE ARE NO SCREW-DOWN THRESHOLDS OR 'DOOR STOPS'.
  - SWEEP-TYPE WEATHER STRIPPING IS USED AND NO PENETRATING LIGHT DETECTED.

**II. INTERIOR SANITARY DESIGN**

- A. FOUNDATION:
  - THE CRAWL SPACE OR BASEMENT IS EASILY ACCESSED.
  - PRESSURE TREATED WOOD IS USED IN ANY LOCATION NEAR OR BELOW GRADE.
  - NO VISIBLE CRACKS OR HOLES PRESENT IN THE WALLS. ALL OPENINGS GREATER THAN 1/4 INCH ARE SEALED.
  - 12-INCH BAND OF HARD GLOSSY PAINT IS APPLIED AROUND OUTSIDE BRICK OR STONE WALLS TO DETER CLIMBING RATS AND MICE.
  - ALL UTILITIES BELOW GRADE ARE EASILY ACCESSED AND ARE LABELED

- B. FLOOR DRAINS:
  - ALL FLOOR DRAINS ARE DESIGNED WITH TRAPS WITH AT LEAST 3 INCHES OF WATER SEAL, AND THEY ARE FITTED WITH SECONDARY STRAINERS TO PREVENT PEST ENTRY.
  - FLOOR DRAINS EXIST IN PRODUCTION AREA EVERY 400 SQ. FT.
  - FLOOR DRAINS ARE CONSTRUCTED OF STAINLESS STEEL FOR EASIER CLEANING.
  - OVERHEAD PIPING AND DRAINS (IN CRAWL SPACE) ARE WELL SEALED AND DO NOT LEAK.
  - WHERE INSECTS MAY BE A PERSISTENT PROBLEM, INSECT SCREENS ARE INSTALLED IN FRONT OF FILTER MEDIA.
  - SCREENS ARE EASY TO REMOVE FOR CLEANING, AND THEY ARE NON-CORROSIVE.
  - 18- MESH SCREEN.
  - VENTS ARE COVERED WITH METAL GRILLWORK AND ARE BACKED BY RUST RESISTANT SCREENING.
  - FLOOR DRAINS INCLUDED ON MASTER SANITATION SCHEDULE - MINIMUM 1 WEEK CLEANING.

- C. WALLS: POURED CONCRETE IS PREFERRED FOR INSIDE WALLS. HIGH DENSITY FILLED CONCRETE BLOCK 1ST 6-8 FT. IS ACCEPTABLE IN OTHER AREAS. • IF METAL SIDING IS UTILIZED THE BOTTOM 8 OF THE WALL IS POURED CONCRETE SO AS TO PROVIDE A SEAL TO THE CONCRETE WITH THE OVERLAPPING SIDING. • NO VOIDS ARE PRESENT; ALL VOIDS INSULATED WITH PROPER MATERIAL THAT DETERS PESTS. • WALL AND FLOOR JUNCTURES ARE SEALED WHERE POSSIBLE. • IF STEEL STUDS ARE USED, OPENINGS EXIST THAT ALLOW EASY FLOW OF DUST APPLICATIONS. • FILLER

COAT IS APPLIED TO ALL BLOCK WALLS. FOR SMOOTH BLOCK WALL SURFACES, PAINT FILLER IS USED. SEALING IS ADEQUATE, SUCH THAT THERE ARE NO VISIBLE CRACKS. • WALL FILLERS - AVOID PEARLITE, FIBERGLASS, ROCK WOOL. HIGH DENSITY FOAM PREFERRED.

- PIPES ARE PROPERLY RUST-PROOFED WITH NH<sub>3</sub> PRIOR TO FOAM INSULATION OF THE WALLS.
- ALL PIPE PENETRATIONS ARE PROPERLY SEALED/CAULKED. PIPE PENETRATIONS ARE CUT AND SEALED ON THE SAME DAY SO THAT OPENINGS OR JUNCTIONS REMAIN CLEAN.
- TO DETER BIRD OR RODENT NESTING SITES, EXTERIOR PIPES AND CONDUITS ARE NOT ARRANGED IN GROUPS.

- ITEMS MOUNTED TO WALLS WITH LESS THAN A ¼" GAP SHOULD BE SEALED TO THE WALL.
- ACCESS IS ALLOWED TO KEY UTILITY JUNCTIONS BEHIND WALLS. KNOCK OUT PANELS ARE PRESENT.
- BUILDING CONSTRUCTION MINIMIZES THERMAL TRANSFER OF STRUCTURAL MEMBERS.

- D. CEILINGS:
  - CONCRETE CEILINGS ARE SMOOTH AND FREE OF PITS THAT MAY HARBOR INSECTS.
  - DROP CEILINGS ARE NOT PRESENT, BECAUSE OF POTENTIAL FOR FOOD/MOISTURE ACCUMULATION. (OBSIOUSLY NOT A "MUST" BUT, IT SURE MAKES IT EASIER) MAKING THEM MORE ACCESSIBLE FOR INSPECTION WOULD AT LEAST BE BETTER.

- E. INTERIOR LIGHTING:
  - HIGH PRESSURE SODIUM BULBS ARE USED WHERE HIGH-INTENSITY LIGHT IS NEEDED.
  - SODIUM LIGHTS LAST LONGER AND ARE LESS ATTRACTIVE TO INSECTS THAN FLUORESCENT LIGHTS.
  - FLUORESCENT LIGHTING IS AVOIDED- IT'S HARD TO KEEP CLEAN.
  - SKYLIGHTS ARE AVOIDED BECAUSE THEY CAN LEAK.
  - WALL SCONCE UNITS ARE STRATEGICALLY PLACED SO THAT THEY DO NOT COLLECT DEBRIS.

- F. WINDOWS:
  - SKYLIGHTS ARE AVOIDED BECAUSE THEY CAN LEAK.
  - DOUBLE-PANE AND WELL INSULATED WINDOWS ARE PREFERRED.
  - CAULKING IS USED FOR SMALL CRACKS AND CREVICES FOUND AROUND WINDOWS.
  - IF SCREENING IS USED, A MINIMUM OF 18 MESH IS RECOMMENDED, 30 MESH IS PREFERRED.
  - SCREENS ARE REINFORCED AT POINTS OF STRESS.

- G. FANS AND HOODS:
  - ALL FAN/HOOD HOUSINGS ARE SEALED. ADEQUATE SEALS EXIST BETWEEN FAN HOUSINGS AND ROOF.
  - ALL FANS ARE ACCESSIBLE FOR CLEANING; ALL FANS MOUNTED HIGH ENOUGH FOR CLEANING.
  - ALL HOODS HAVE SCREENS AND FILTERS THAT ARE PROPERLY SIZED AND HAVE THE PROPER MESH.
  - ALL FILTERS ARE EASILY CHANGED AND/OR CLEANED.
  - ALL FILTERS ARE INCLUDED ON THE MSS.
  - ALL DUCT WORK IS POSITIVELY PITCHED; THERE ARE NO HORIZONTAL DUCTS FROM HOODS.
  - ALL DUCT WORK IS ACCESSIBLE.
  - CONDENSATE DRAINS OR TRAPS ARE PRESENT.
  - EXHAUST FANS ARE MAXIMUM DISTANCE FROM AIR INTAKE.
  - THERE IS NO AIRFLOW DIRECTLY ONTO FOOD PREP AREAS.
  - INBOUND AIR IS FILTERED AND DEHUMIDIFIED OR AIR-CONDITIONED.

- H. FLOORS:
  - SOURCES OF WATER DISCHARGE DO NOT CREATE STANDING WATER.
  - ENTIRE FLOOR IS SEALED.

- I. CONSTRUCTION GAPS AND PENETRATIONS
  - ALL PIPE PENETRATIONS ARE PROPERLY SEALED THE SAME DAY THEY ARE CUT.
  - EXPANSION JOINTS PRESENT ARE SEALED WITH PROPER JOINT COMPOUND.
  - ALL CRAWL SPACES ARE CLEAN AND FREE OF CLUTTER (E.G., WOOD DEBRIS) AFTER CONSTRUCTION.
  - ALL CRAWL SPACES AND BASEMENTS HAVE PROPER DRAINAGE AND VENTILATION.
  - ADEQUATE DRAINAGE IS AVAILABLE AND EQUIPPED WITH PUMPS FOR EXCESS WATER REMOVAL.

- J. STOREROOMS:
  - STOREROOMS HAVE METAL SHELVING; NO WOODEN SHELVING PRESENT.
  - STOREROOMS HAVE ADEQUATE LIGHTING.
  - STOREROOMS ORGANIZED & NOT CLUTTERED.

- K. BATHROOMS:
  - TOILETS ARE FLOOR MOUNTED WITH AUTOMATIC FLUSHING.
  - HAND WASH HAS AUTOMATIC VALVES.
  - BATHROOM WALLS ARE MONOLITHIC, SEALED, AND CLEANABLE.
  - BATHROOM FLOORS ARE MONOLITHIC. TILES AND VINYL SHEETING ARE AVOIDED.
  - FLOOR DRAINS ARE PRESENT TO ALLOW RINSING.

- N. EMPLOYEE FACILITIES:
  - OFFICE AREA'S DESIGN PROMOTES ACCESSIBILITY AND MINIMIZES CLUTTER.
  - OPEN STORAGE SPACES AREA IS PROVIDED FOR EMPLOYEES.
  - EMPLOYEE LOCKERS ARE AVOIDED, BUT IF INSTALLED ARE ELEVATED WITH ACCESS BEHIND AND UNDER.

- III. PEST PROOFING  
PEST EXCLUSION: SEALING OR SCREENING ALL POTENTIAL ENTRY POINTS INTO THE BUILDING TO KEEP PESTS FROM COMING INSIDE. PEST ISOLATION (CONCEPT): PEST PROOF INSIDE THE BUILDING TO CONFIN PESTS AND KEEP THEM FROM MOVING INTO NEW AREAS. AN EXAMPLE MIGHT BE COMPARTMENTALIZING A BUILDING (LIKE SHIP BULKHEADS) TO ISOLATE AN INFESTATION IN ONE AREA AND MAKE PESTS EASIER TO ERADICATE.

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SEALING HARBORAGES: WELL SEALED BUILDINGS ARE LESS ATTRACTIVE TO PESTS, AS FEWER HIDING PLACES ARE AVAILABLE AND MAKE PESTS EASIER TO ELIMINATE.

PEST OPENINGS MUST BE LESS THAN  
PIGEON 1.5 - INCH  
SPARROW 4/5 - INCH  
RAT - YOUNG 1/3 - INCH  
MOUSE - ADULT 2/5 - INCH  
MOUSE - YOUNG 1/5 - INCH  
GERMAN COCKROACH - ADULT 1/5 - INCH  
GERMAN COCKROACH 1ST INSTAR NYMPH 1/16 - INCH  
HOUSE FLY 1/12 - INCH  
MOSQUITO 1/20 - INCH

EXTERIOR PEST PROOFING: PEST EXCLUSION HAS BEEN SHOWN TO BE EFFECTIVE, ESPECIALLY FOR BIRDS AND RODENTS. EXAMPLES OF PEST EXCLUSION ARE INSTALLING METAL KICK PLATES ON DOORS, SCREENING VENTS AND EAVES, SEALING OPENINGS WHERE PIPES AND UTILITY LINES ENTER BUILDINGS, AND INSTALLING METAL RODENT GUARDS ON OVERHEAD LINES OR VERTICAL PIPES.  
INTERIOR PEST PROOFING: WHILE INTERIOR SEALING OF OPENINGS AROUND PIPES AND LINES HAS BEEN PROVEN EFFECTIVE FOR MICE AND RATS, MANY STUDIES HAVE SHOWN THAT IT IS NOT VERY EFFECTIVE AGAINST COCKROACHES. IT IS VERY LABOR INTENSIVE AND BUILDING OR MAINTENANCE STAFF MAY NOT HAVE THE KNOWLEDGE OF PEST HABITS TO DO THIS INTERIOR PEST PROOFING CORRECTLY. IN FACT, SEALING OPENINGS INSIDE A STRUCTURE CAN ACTUALLY BE DETRIMENTAL BECAUSE VOIDS MAY NO LONGER BE ACCESSIBLE TO TREATMENT, BUT MAY STILL BE ACCESSIBLE TO COCKROACHES.

**IV. INTERIOR PEST PROOFING**

- A. DOORS:
  - ALL DOORS ARE FITTED TO CLOSE AUTOMATICALLY.
  - ALL DOOR CASINGS ARE PROTECTED WITH SHEET METAL TO PREVENT MICE AND RATS FROM WIDENING CRACKS BY GNAWING.
  - ALL WOODEN DOORS HAVE A 12-INCH SHEET METAL (26-GAUGE) KICK PLATE ATTACHED TO THE OUTSIDE OF THE DOOR, WITH THE LOWER EDGE NOT MORE THAN 1/4- INCH FROM THE FLOOR.
  - HOLLOW METAL DOOR SEAMS ARE SEALED BY SPOT WELDING TO PREVENT INSECT ENTRY.
  - ALL SCREEN DOORS OPEN OUTWARDLY AND ARE FITTED WITH A SCREEN MESH OF NO LARGER THAN 1/18 INCH TO PREVENT ENTRY OF SMALL INSECTS INTO THE BUILDING.
  - DOUBLE DOORS ARE INSTALLED IN REGIONS WHERE FLYING INSECTS ARE PERSIVASE.
  - (IF FEASIBLE) • EXTERIOR LIGHTS AROUND DOORS HAVE 'BUG LIGHTS' INSTALLED OR LIGHTING IS AT LEAST 30-40 FEET AWAY FROM EXTERIOR DOORS SO THAT THEY DO NOT

ATTRACT FLYING INSECTS ONTO THE PREMISES. (IF FEASIBLE) • AIR DOORS OR PLASTIC CURTAINS (STRIP DOORS) ARE INSTALLED IN DELIVERY ENTRY WAYS TO PREVENT THE ENTRY OF FLYING PESTS. AIR VELOCITY OF AIR DOORS IS A MINIMUM OF 1600 FT/MIN. (IF FEASIBLE)  
• ALL EXTERIOR DOORS TO BE STEEL OR STOREFRONT WITH ALUMINUM METAL. WOODEN DOORS TO EXTERIOR NOT ALLOWED.

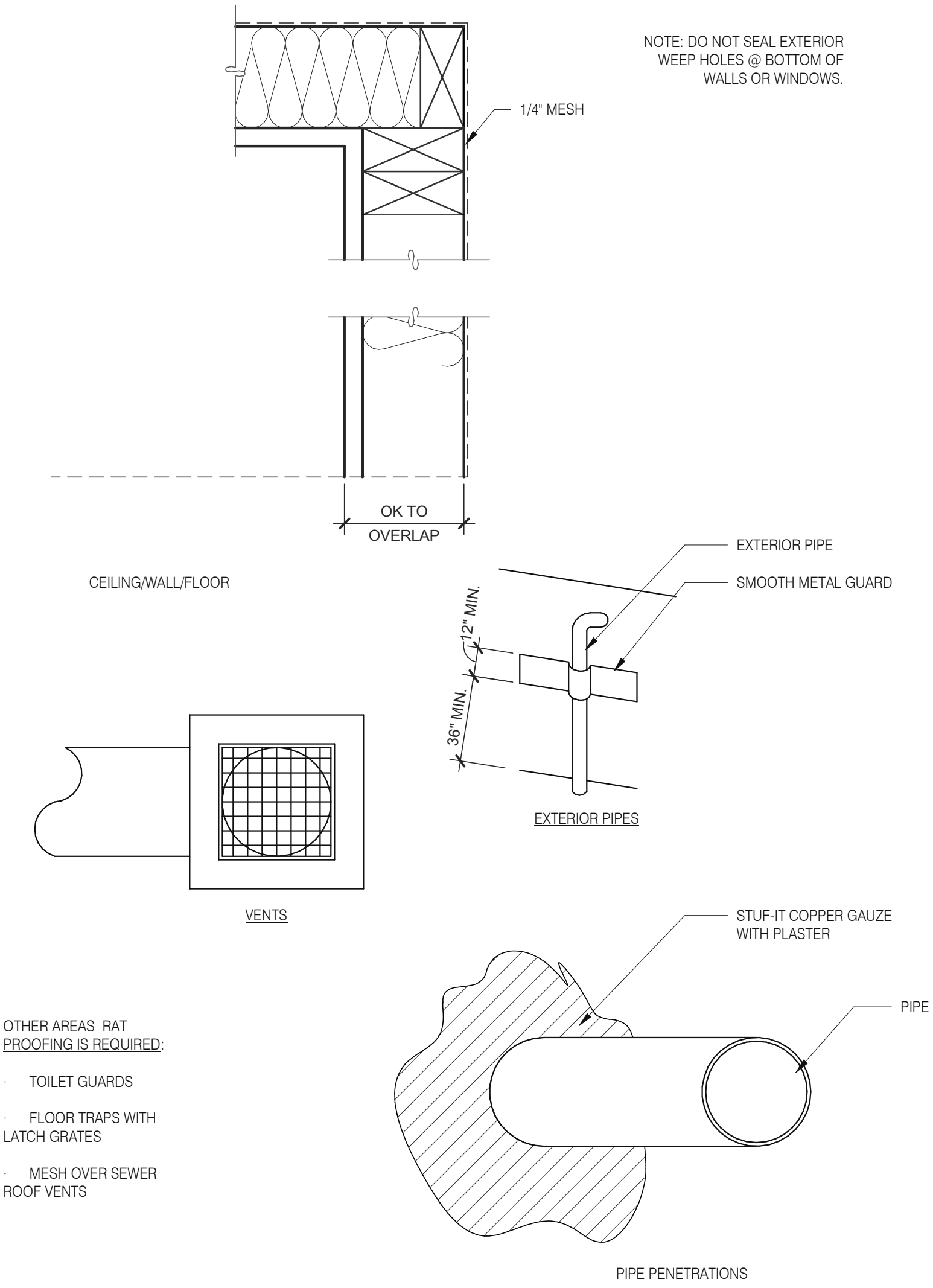
- B. WINDOWS:
  - OPERABLE WINDOWS, FITTED WITH AT LEAST 18-INCH MESH SCREENING.
  - SCREENING IS REINFORCED AT POINTS OF STRESS.
  - ALL CRACKS AND CREVICES AROUND WINDOWS ARE THOROUGHLY CAULKED.

- C. FOUNDATION:
  - ALL CRACKS AND HOLES ARE PATCHED-UP WITH CEMENT. ALL OPENINGS GREATER THAN 1/4 INCH ARE SEALED TO EXCLUDE MICE. ALL OPENINGS GREATER THAN 1/2 INCH ARE SEALED AGAINST RATS.
  - CLIMBING BY RATS AND MICE IS DETERRED BY A 12-INCH BAND OF HARD GLOSSY PAINT, OR POLISHED METAL, AROUND THE OUTSIDE OF BRICK WALLS, UP TO ABOUT 3.5 FT. ABOVE THE GROUND.
  - FOR TEMPORARY EXCLUSION, UNTIL MORE PERMANENT REPAIRS CAN BE MADE, STEEL WOOL IS TIGHTLY PLUGGED INTO CRACKS AND HOLES TO PREVENT ENTRY OF RODENTS.

- D. PEST PROOFING MATERIALS 1. BACKING/FILLING MATERIALS: • MATERIALS SUCH AS COPPER MESH, PLUMBER'S OAKUM, HARDWARE CLOTH AND/OR FOAM RUBBER ARE (FIRST) USED TO FILL GAPS THAT EXCEED THE MAXIMUM SIZE RECOMMENDED FOR A SEALING PRODUCT. • THESE MATERIALS ARE PLACED IN THE OPENING FIRST, AND THEN CAULKED OR SEALED OVER.

- 2. SCREENING MATERIALS:
  - STEEL WOOL IS USED TO PLUG SMALL OPENINGS WHERE PESTS MAY ENTER OR MOVE WITHIN STRUCTURES. STEEL WOOL IS USEFUL WHERE AIR MOVEMENT IS DESIRED, BUT THERE IS LOW HUMIDITY ONLY. STEEL WOOL WILL RUST, SO IT SHOULD NOT BE USED IN AREAS OF HIGH MOISTURE.
  - COPPER MESH IS USED IN LOCATIONS WITH HIGH HUMIDITY OR MOISTURE (STEEL WOOL WILL RUST).
  - WINDOW SCREEN (18 MESH MINIMUM) IS USED TO EXCLUDE INSECTS (NOT WILDLIFE) FROM SOFFIT VENTS IN ATTICS, CRAWL SPACE VENTS, AND FRESHAIR INTAKE VENTS FOR THE STRUCTURE.
  - HARDWARE CLOTH IS HEAVIER THAN WINDOW SCREENING AND IS USED TO EXCLUDE RODENTS, BATS, BIRDS, AND WILDLIFE FROM ATTICS AND CRAWL SPACES. IT CAN ALSO BE USED TO PREVENT WILDLIFE FROM TUNNELING UNDER STRUCTURES.

CONSTRUCTION CHECKLIST:  
DURING CONSTRUCTION 3 MANDATORY AND 1 OPTIONAL VERIFICATION STEPS ARE REQUIRED:  
  
1. (PREFERRED BUT NOT REQUIRED) PEST PROVIDER IS BROUGHT IN DURING SITE SELECTION FOR PRELIMINARY EVALUATION. TACO BELL HAS 4 NATIONAL PROVIDERS OF PEST MANAGEMENT & PREVENTION.  
2. AFTER DEMO, PMP ESTABLISHES A PLAN FOR EXCLUSION (SEALING OF BUILDING). IT IS IMPORTANT THIS STEP HAPPENS AFTER ALL OF THE WALLS ARE OPEN TO IDENTIFY ALL PENETRATIONS AND AREAS OF RISK.  
3. AFTER EXCLUSION WORK IS COMPLETE, BUT BEFORE WALLS ARE CLOSED UP, PMP CONDUCTS A 2ND EVALUATION.  
4. AFTER WALLS ARE CLOSED UP AND TYPICALLY A FEW DAYS BEFORE A STORE OPENS, A FINAL WALK-THRU IS CONDUCTED TO ENSURE THAT ALL DEVICES ARE IN PLACE AND THE INTEGRITY OF THE EXCLUSION PLAN IS STILL INTACT.  
  
\*ADDITIONAL VISITS MAY BE REQUIRED PER PEST VENDOR RECOMMENDATION.



RAT PROOFING DETAILS

DATE	REMARKS
11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088-24

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
PEST  
PREVENTION  
GUIDE**

**G3.0**

PLOT DATE: 3/31/2022 11:08:05 AM



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LANDFILL

COMPOST

RECYCLE

3 STREAM TRASH 1 - BIN LABELS (L220)13

WOMEN RESTROOM WHITE SIGN (L208)9

EXIT BRAILLE SIGN (L204)5

NO SMOKING SIGN (L201)1

LANDFILL

PLASTIC, METAL, GLASS

PAPER

3 STREAM TRASH 2 - LABELS (L221)14

WOMEN RESTROOM BRAILLE SIGN (L209)10

OCCUPANCY SIGN (L205)6

CLEAN RESTROOM SIGN (L202)3

MEN RESTROOM WHITE SIGN (L206)7

MEN RESTROOM BRAILLE SIGN (L207)8

HAND WASH NOTICE SIGN (L203)4

IF YOU NEED ASSISTANCE (L233)12

GPD GROUP

Professional Corporation

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AKRON, OH 44311

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TACO BELL  
403 E. Main St.  
Cartersville, GA 30121

TACO BELL

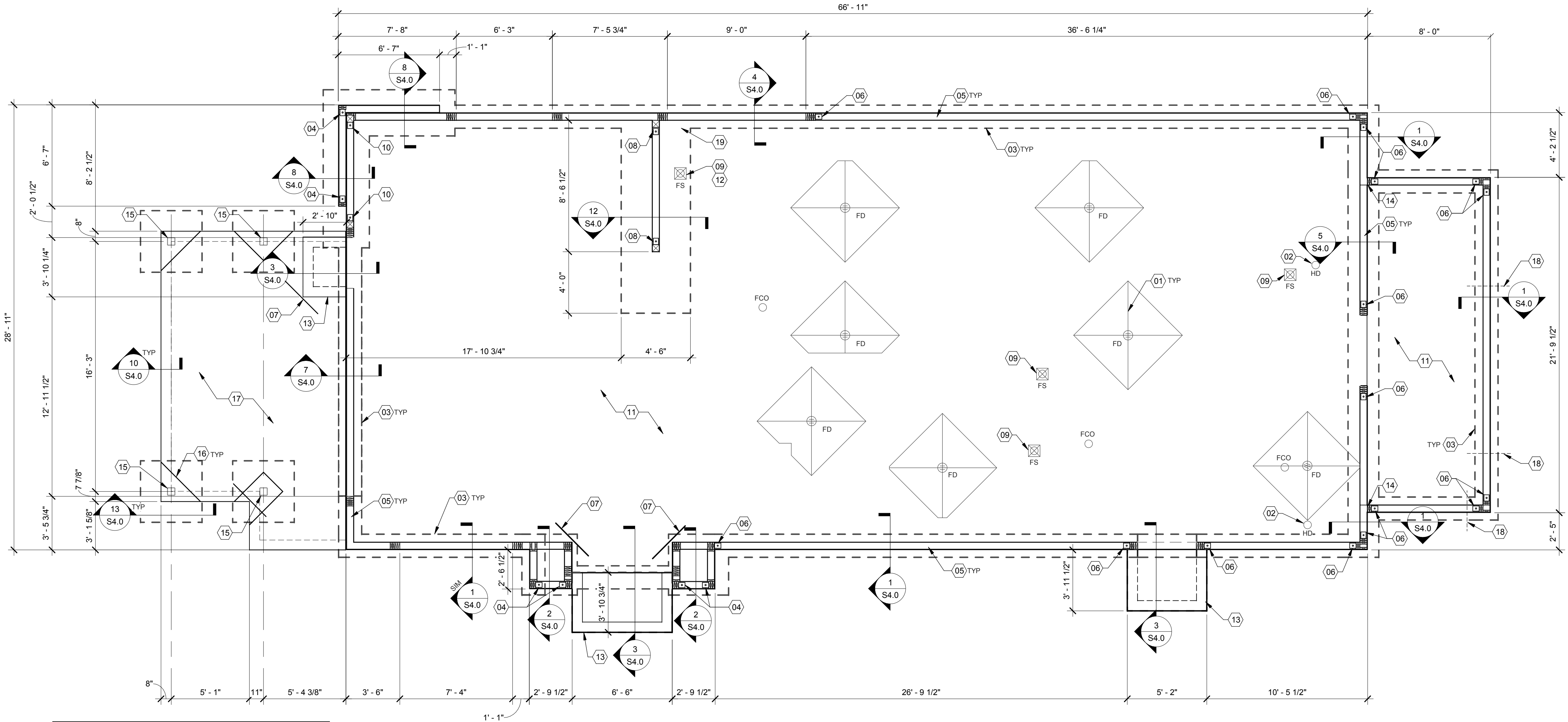
ENDEAVOR 2.0

SIGNAGE

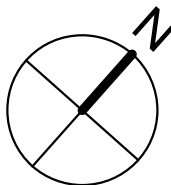
DETAILS

G4.1

PLOT DATE: 3/31/2022 11:08:13 AM



NOTE:  
WHERE OLD FILL, NATIVE SOILS CONTAINING ORGANICS OR OTHERWISE UNSUITABLE SOILS ARE EXPOSED FOLLOWING SITE STRIPPING AND EXCAVATION FOR FOUNDATIONS, THE UNSUITABLE SOIL SECTIONS SHOULD BE OVER-EXCAVATED IN THEIR ENTIRETY FROM BELOW THE PROPOSED BUILDING FOUNDATIONS AND FLOOR SLAB AND BE BACKFILLED TO THE FOUNDATION BEARING LEVEL WITH PROPERLY COMPACTED ENGINEERED FILL, WELL-GRADED GRANULAR MATERIALS OR LEAN CONCRETE. SEE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.



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

**DESIGN CRITERIA:**

DESIGN CRITERIA: 2018 INTERNATIONAL BUILDING CODE (IBC) WITH 2020 GEORGIA AMENDMENTS	SEISMIC LOADS: RISK CATEGORY: II SEISMIC IMPORTANCE FACTOR: 1.0 SITE CLASS: D
ROOF SNOW LOADS: GROUND SNOW LOAD (Pg): 5 PSF EXPOSURE FACTOR (Ce): 1.0 IMPORTANCE FACTOR (I): 1.0 THERMAL FACTOR (Ct): 1.0 FLAT ROOF SNOW LOAD (Pi): 5 PSF MIN. ROOF SNOW LOAD (Pmin): 5 PSF	MAPPED SPECTRAL RESPONSE ACCEL: SHORT PERIODS (SDS): 0.262g 1 SEC. PERIODS (SD1): 0.103g SPECTRAL RESPONSE COEFF.: 0.279g SEISMIC DESIGN CATEGORY: C WOOD SHEARWALLS: 0.164g RESPONSE MOD FACTOR (R): 6.5 DESIGN BASE SHEAR (Cs): 0.0475"W
WIND LOADS: 3 SECOND GUST: 105 MPH RISK CATEGORY: II EXPOSURE CATEGORY (MWFRS): C INTERNAL PRESSURE COEFF.: ± 0.18	ANALYSIS BY SIMPLIFIED PROCEDURE
SEE SHEET S4.4 FOR COMPONENT AND CLADDING PRESSURES AND DIAGRAM.	

**FOUNDATION NOTES - TYP U.N.O.:**

- A. GEOTECHNICAL INFORMATION WAS OBTAINED FROM THE "REPORT OF GEOTECHNICAL ENGINEERING SERVICES" PREPARED BY INTERTEK PSI, DATED NOVEMBER 11, 2021. A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW. TO TEST EXISTING SOIL CONDITIONS AND ENSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATION, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT. CONTACT DESIGN ENGINEER IMMEDIATELY IF SOILS ENCOUNTERED DO NOT MEET ASSUMED DESIGN SPECIFICATIONS. REMOVE ELASTIC SILT (MH) AND OTHER UNSUITABLE SOILS AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER AS WELL AS ALL REMOVE ALL REMNANTS OF EXISTING CONSTRUCTION AND DEBRIS. FOR AN AREA EXTENDING AT LEAST 10 FEET BEYOND THE OUTLINE OF THE PROPOSED CONSTRUCTION, IN ACCORDANCE WITH THE ABOVE-REFERENCED GEOTECHNICAL REPORT.
- B. DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF FOR COLUMN FOOTINGS AND 1500 PSF FOR WALL FOOTINGS. ON-SITE GEOTECHNICAL ENGINEER SHALL VERIFY THAT ALL BEARING SURFACES MEET OR EXCEED THE ASSUMED SOIL BEARING CAPACITY. THE FOUNDATION SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. INCREASE DEPTH AS REQUIRED BY ON-SITE GEOTECHNICAL ENGINEER. THE FOUNDATION EXCAVATION SHALL BE AS NEAT AS PRACTICAL. OVER EXCAVATION IN DEPTH AND WIDTH SHALL BE FILLED WITH LEAN CONCRETE, OR COMPACTED, APPROVED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM THE EXCAVATION PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE. IF POOR SOIL CONDITIONS ARE ENCOUNTERED AT THE FOUNDATION DEPTH SHOWN, NOTIFY OWNER'S REPRESENTATIVE AND ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- C. CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
- D. 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.
- E. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED. ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.
- F. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
- G. 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:	MIN STRENGTH 28 DAY PSI (4000 DESIGN)	AGGREGATE SIZE - INCHES 1" x 4"	SLUMP INCHES 3-1/2"	TOLERANCE ±1/2"
LOCATION SLAB ON GRADE FOUNDATIONS	(4000 DESIGN) (4000 DESIGN)	1" x 4"	3-1/2"	±1/2"
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 DETERIORATION 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 OVER 16 MIL. VISQUEEN MEMBRANE, ON PREPARED SUBGRADE PER THE PROJECT GEOTECHNICAL REPORT.				
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 1704. SPECIAL INSPECTIONS SHALL BE IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE DEPARTMENT OF BUILDING SAFETY AND SHALL NOT BE CONSTRUED TO RELIEVE THE OWNER OR THEIR AUTHORIZED AGENT FROM REQUESTING THE PERIODIC AND CALLED INSPECTIONS REQUIRED BY THE BUILDING CODE. SPECIAL INSPECTION SHALL BE PAID BY THE OWNER.

**REQUIRED SPECIAL INSPECTIONS:**

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

- 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" L.G. 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 ON-SITE SOILS TESTING AGENCY. 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 WITH 3/4"x1'-0"x1'-0" BASE PLATE.
- (16) SLAB ISOLATION JOINT AT CANOPY COLUMNS. TYPICAL.
- (17) 4" EXTERIOR CONCRETE SLAB REINFORCED WITH 4x4-W2.9xW2.9 W.W.F. (CENTERED IN SLAB) OVER 4" COMPACTED GRANULAR FILL OVER COMPACTED SUBGRADE. SEE SLAB NOTES THIS SHEET FOR ADDITIONAL INFORMATION. REFER TO CIVIL PLAN FOR EXTENTS OF SLAB.
- (18) UNDERGROUND PIPE. SEE CIVIL AND PLUMBING DWGS.
- (19) BOTTOM OF FOOTING STEPS DOWN, SEE SECTION 12/S4.0.

**DESIGN CRITERIA**

**E**

**FOUNDATION NOTES**

**D**

**SPECIAL INSPECTIONS**

**C**

**FOUNDATION KEYNOTES**

**B**

**TACO BELL**

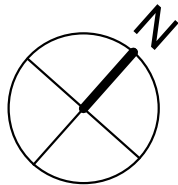
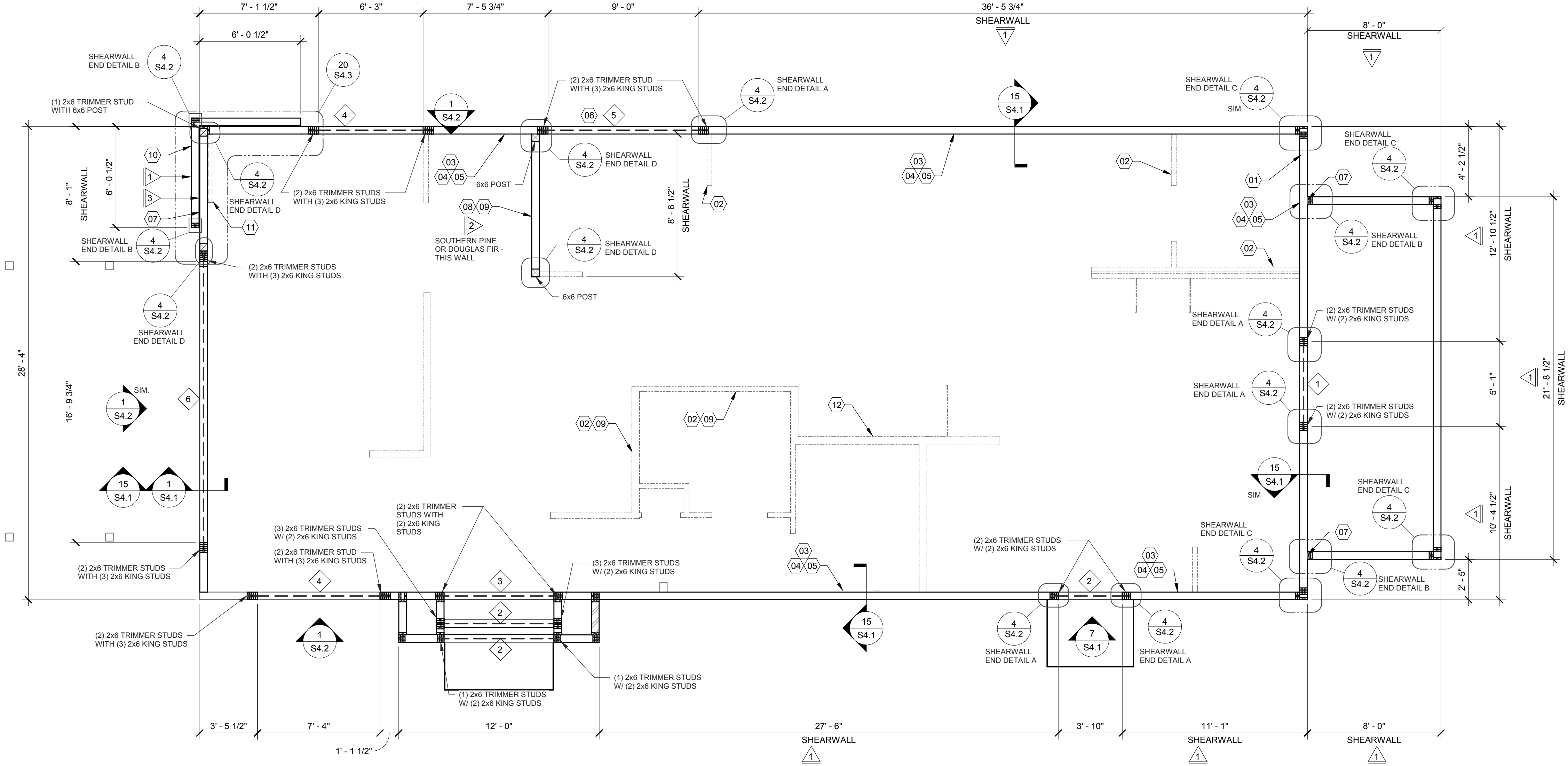
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
FOUNDATION  
PLAN**

**S1.0**

PLOT DATE: 3/31/2022 11:43:37 AM



**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:
- BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. REF. 14/S4.1
  - 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
4	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					
1. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.					
2. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.					
3. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.					
4. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.					
5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.					
6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER 6/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.					
7. EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLDDOWNS.					
8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.					

**WALL FRAMING NOTES - TYP U.O.N.:**

- WALL FRAMING:**
- 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.
  - ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS. BEAM SEATS AND COLUMN CAPS.
  - SEE SHEET A1.0 FOR DIMENSIONS.
  - EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.
  - ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED.
  - 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.
  - THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.
  - USE PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.
- STUD LAYOUT:**
- LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
  - LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.

- COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- 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.
- (2) 2x6 TOP PLATES AT TRUSS BEARING - SPLICE PER 16/S4.1. U.O.N. REF. 1/S4.3 FOR PARAPET CAP DETAIL.
- TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1.
- TOP OF PARAPET. SEE S3.0.
- ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH ADJACENT FRAMING - TYPICAL.
- 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.
- COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.
- 2x FRAMING ON THICKENED CONCRETE FOUNDATION / PIER; SEE SHEETS S1.0 AND S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD.
- 2x4 FRAMING FOR ALCOVE. SEE ARCHITECTURAL.
- 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**

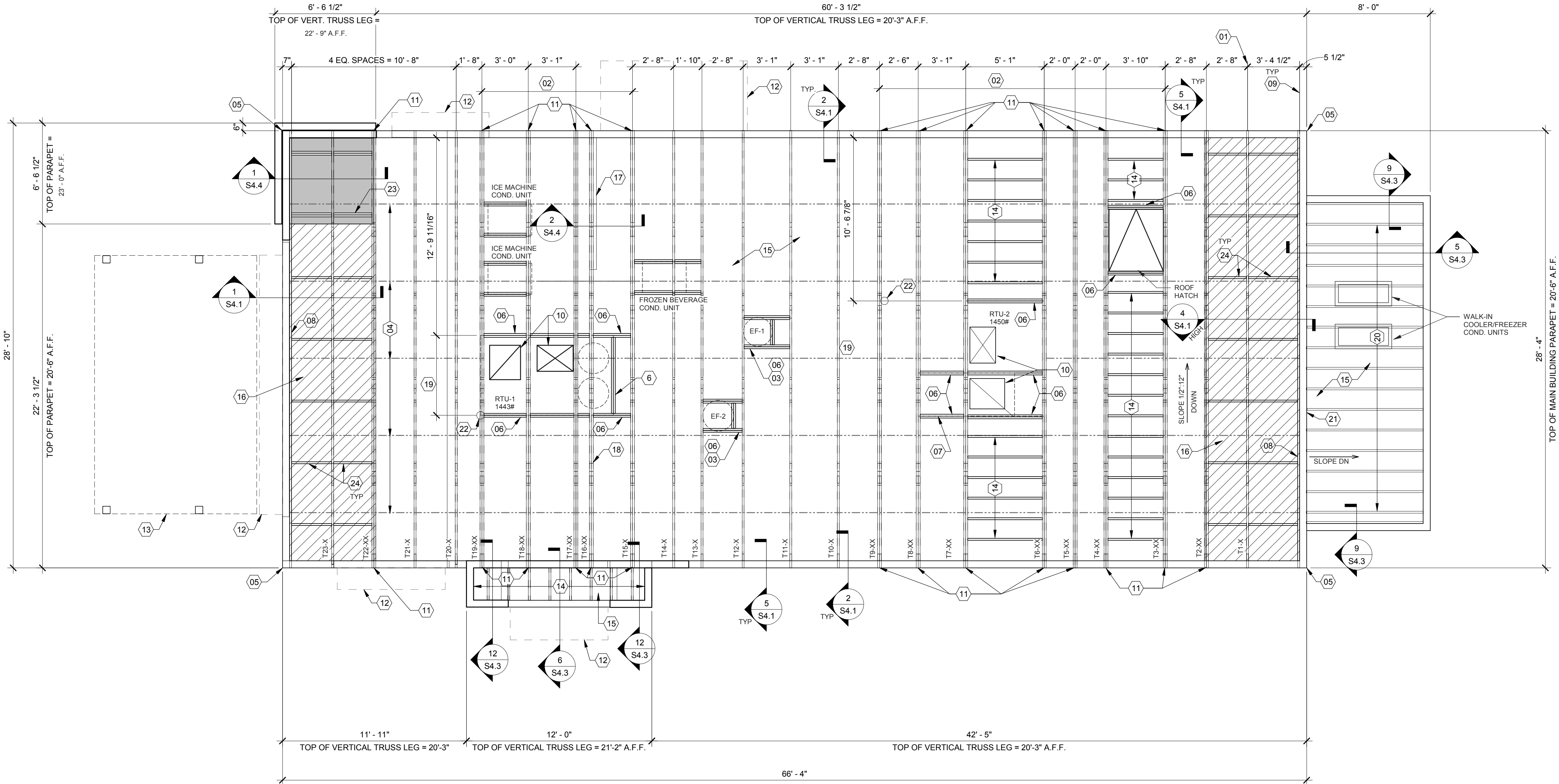
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
WALL FRAMING  
PLAN**

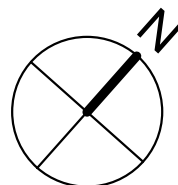
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PLOT DATE: 3/31/2022 11:43:39 AM



**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.**



DATE	REMARKS
03.17.22	Issued for RSCS Bid
04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

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

ROOF NAILING SCHEDULE		
TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	
EN	10d @ 6" O.C.	
FN	10d @ 12" O.C.	
ROOF SHEATHING	23/32" CDX PLYWOOD (48/24), 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 MICHIGAN), 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 GEORGIA. 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 OUTLINE OF CANOPY FRAMING. SEE CANOPY FRAMING PLAN ON SHEET S4.5 FOR CANOPY ROOF FRAMING.
- 14 2x6 @ 16" O.C. WITH SIMPSON LUS26 HANGER EA. END.

- 15 PLYWOOD ROOF SHEATHING. SEE NAILING SCHEDULE, THIS SHEET.
- 16 HATCH DENOTES LOCATION OF KICKERS. SEE 1/S4.4 FOR ADDITIONAL INFORMATION REGARDING KICKERS.
- 17 INTERIOR SHEAR WALL BELOW. ALIGN DINING SIDE OF WALL WITH SIDE OF TRUSS. SEE DTL. 2/S4.4.
- 18 DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS. DESIGN DRAG TRUSS FOR 437 PLF (ASD, 0.6"W) ALONG TOP CHORD OF TRUSS (11,981 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 2x's 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 AT HIGH PARAPET.
- 24 2x BLOCKING AT BRACES. SEE 1 & 4/S4.1

**ROOF NAILING SCHEDULE**

**D**

**ROOF FRAMING NOTES**

**C**

**ROOF FRAMING KEYNOTES**

**B**

**TACO BELL**

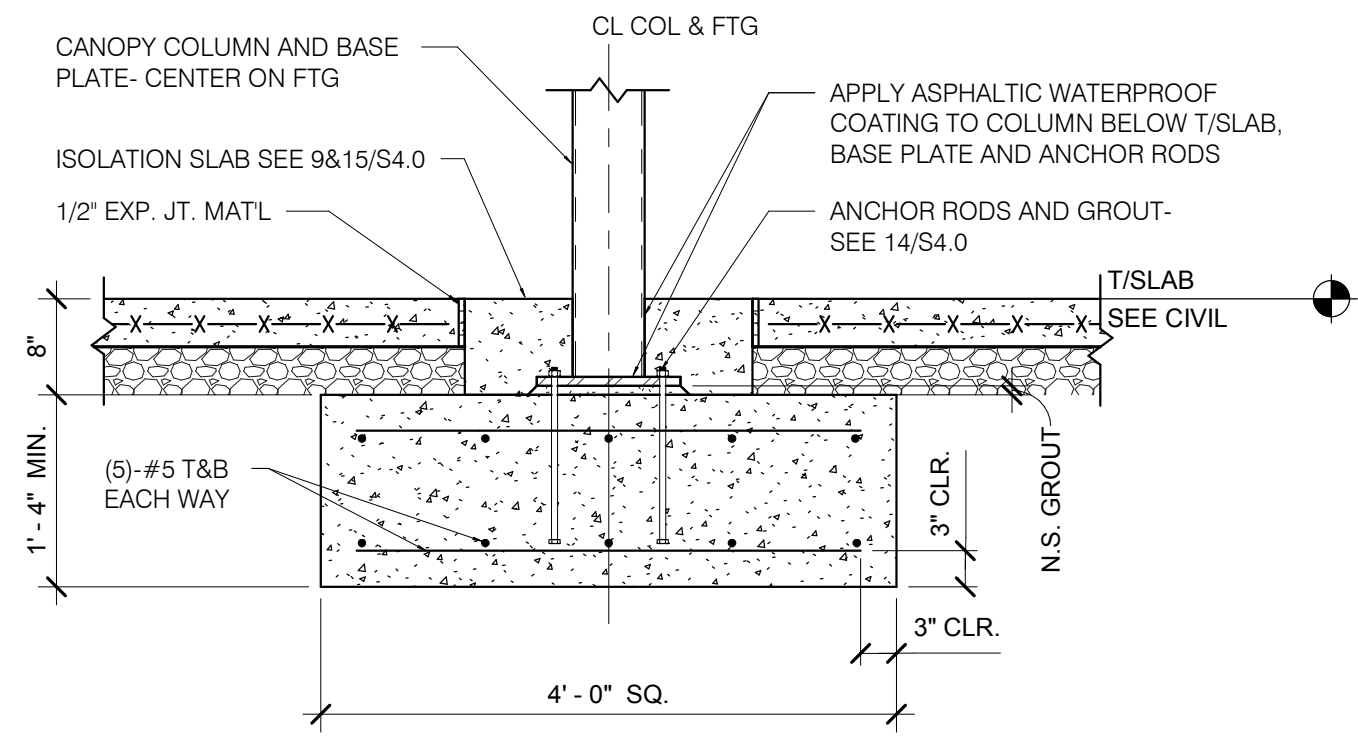
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
ROOF FRAMING  
PLAN**

**S3.0**

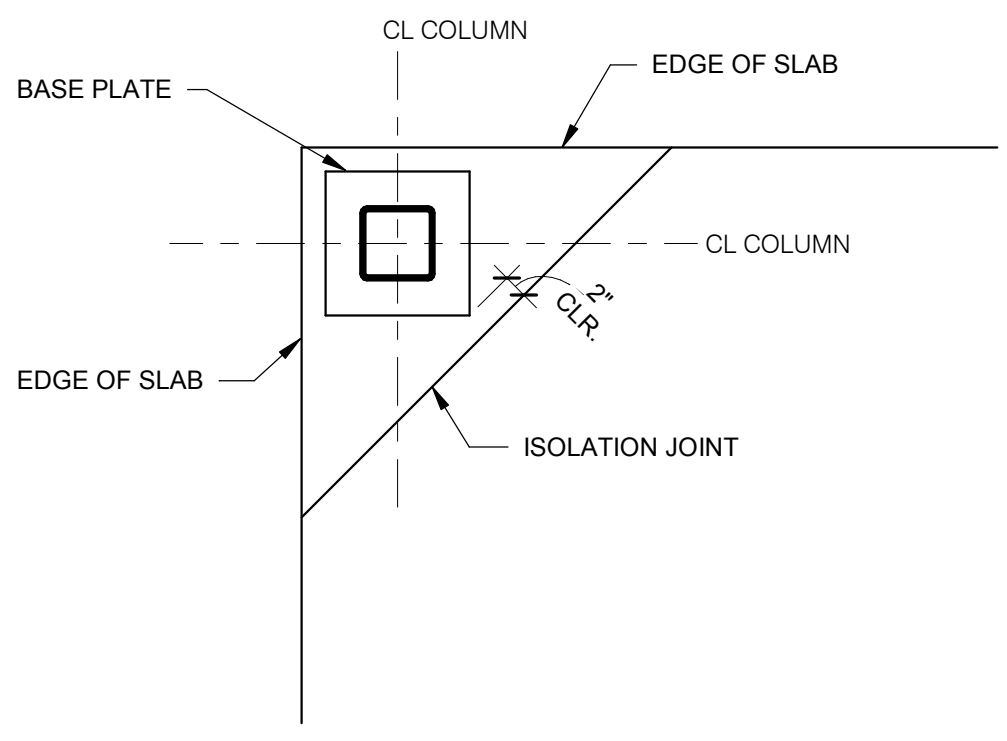
PLOT DATE: 3/31/2022 11:43:43 AM



CANOPY COL. FTG. DETAIL

3/4" = 1'-0"

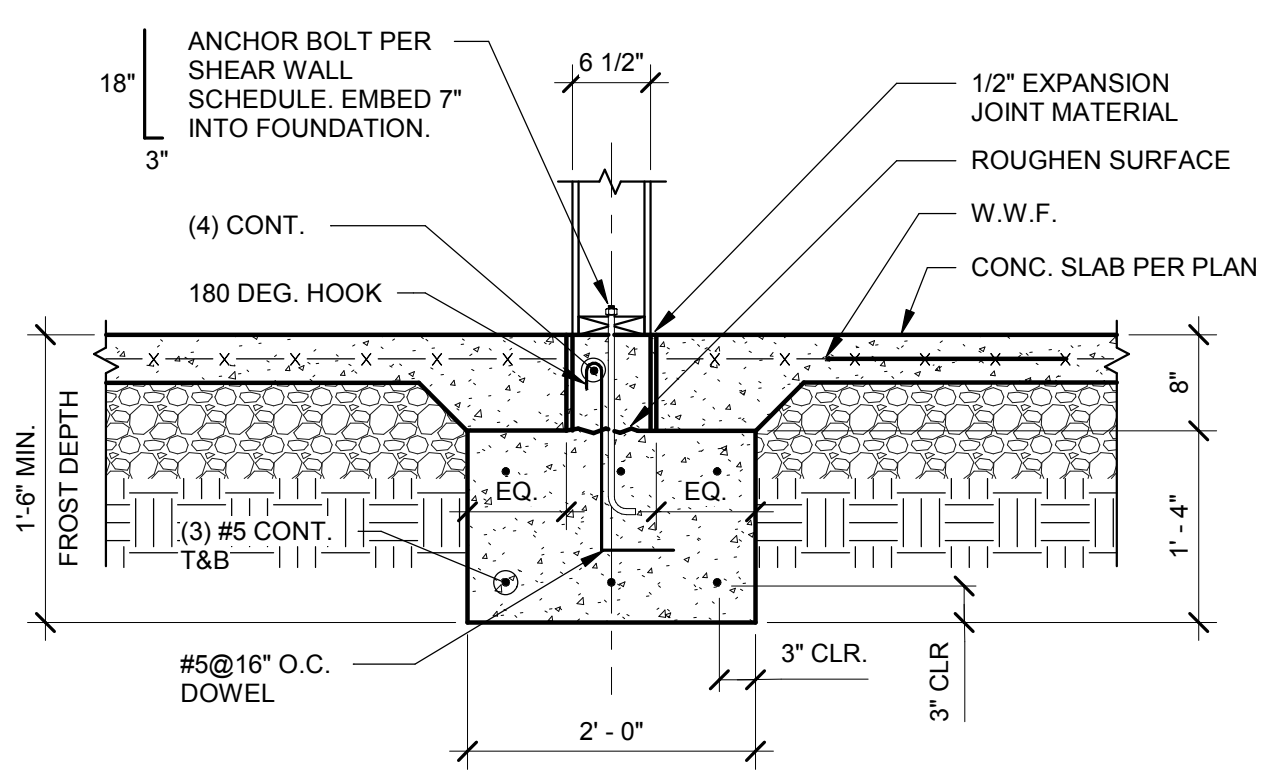
13



TYP. ISOLATION JOINT AT CORNERS

3/4" = 1'-0"

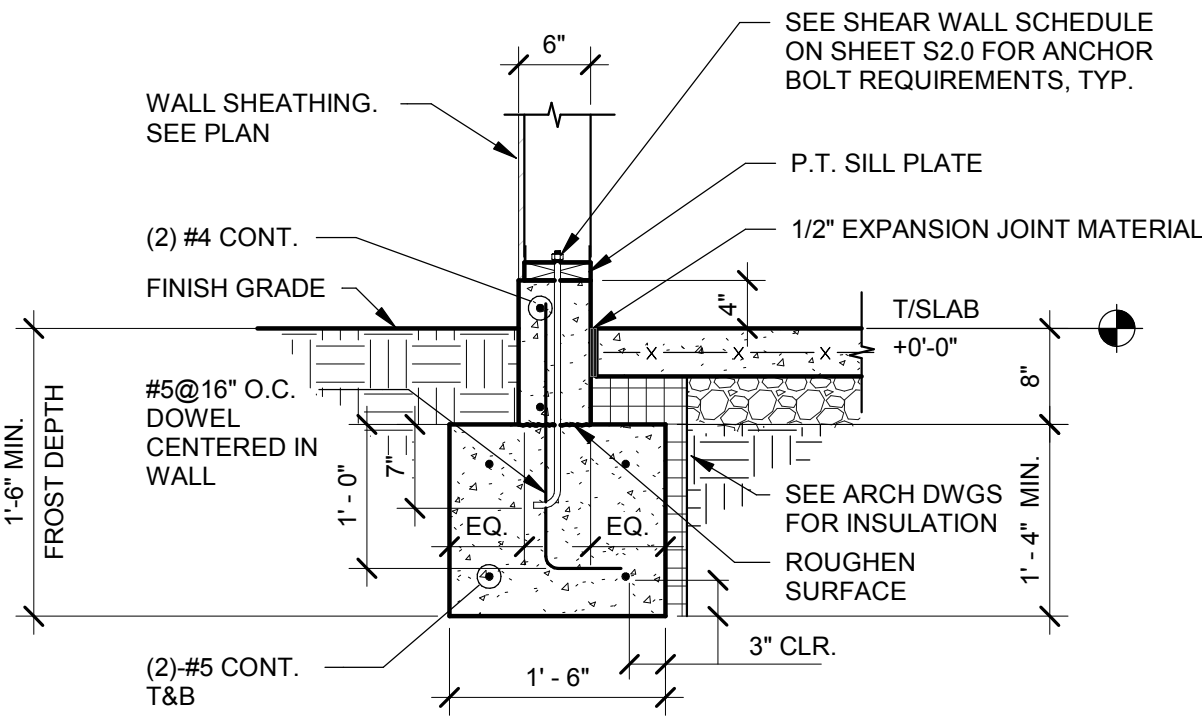
9



INTERIOR FOOTING AT COOLER

3/4" = 1'-0"

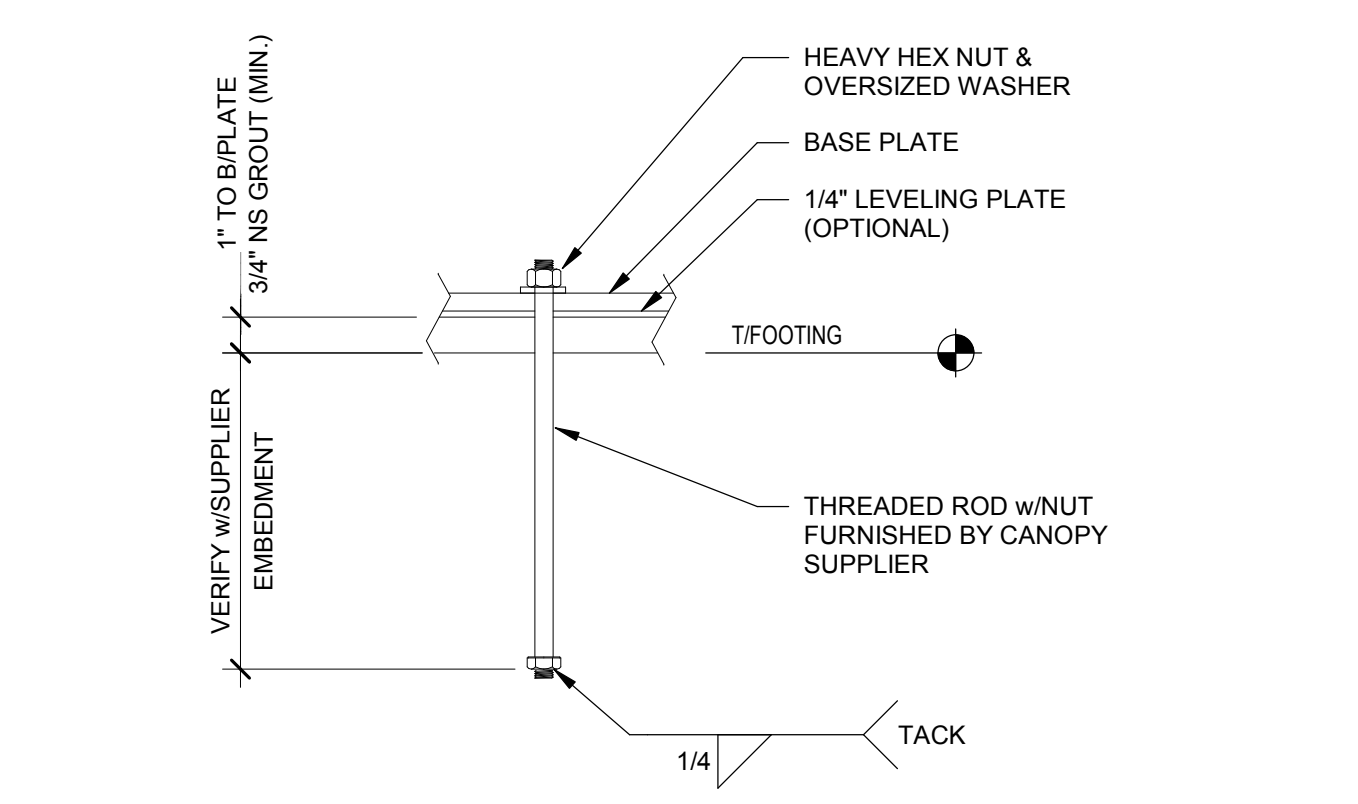
5



FOOTING AT SIDE AND REAR WALLS

3/4" = 1'-0"

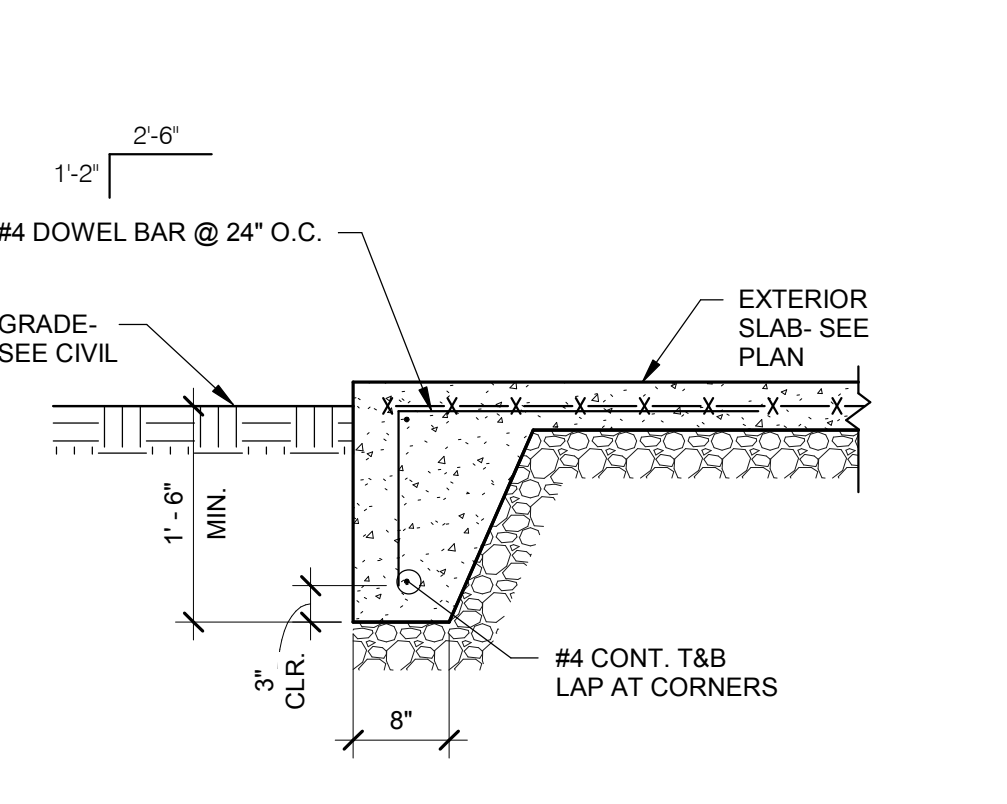
1



TYP. ANCHOR ROD DETAIL

3/4" = 1'-0"

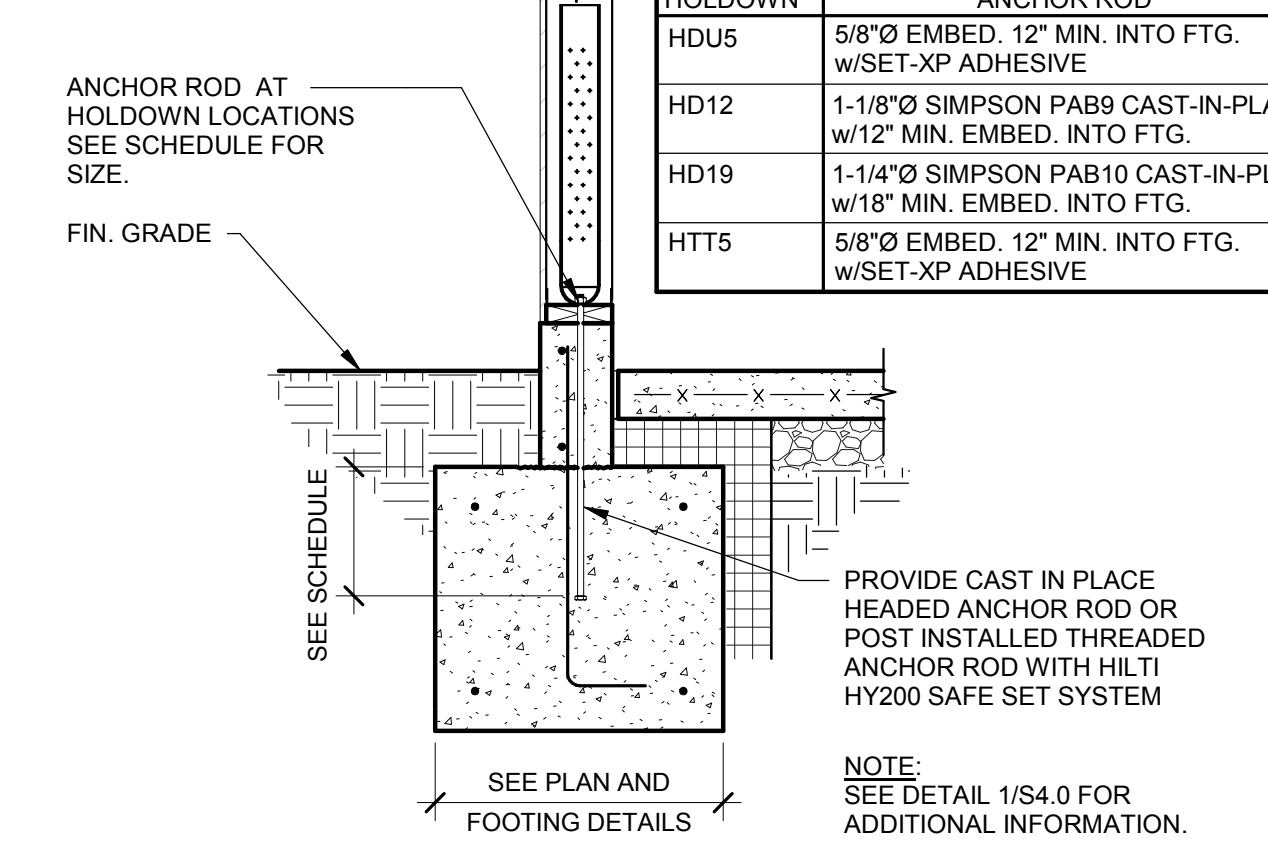
14



EXTERIOR SLAB TURNDOWN

3/4" = 1'-0"

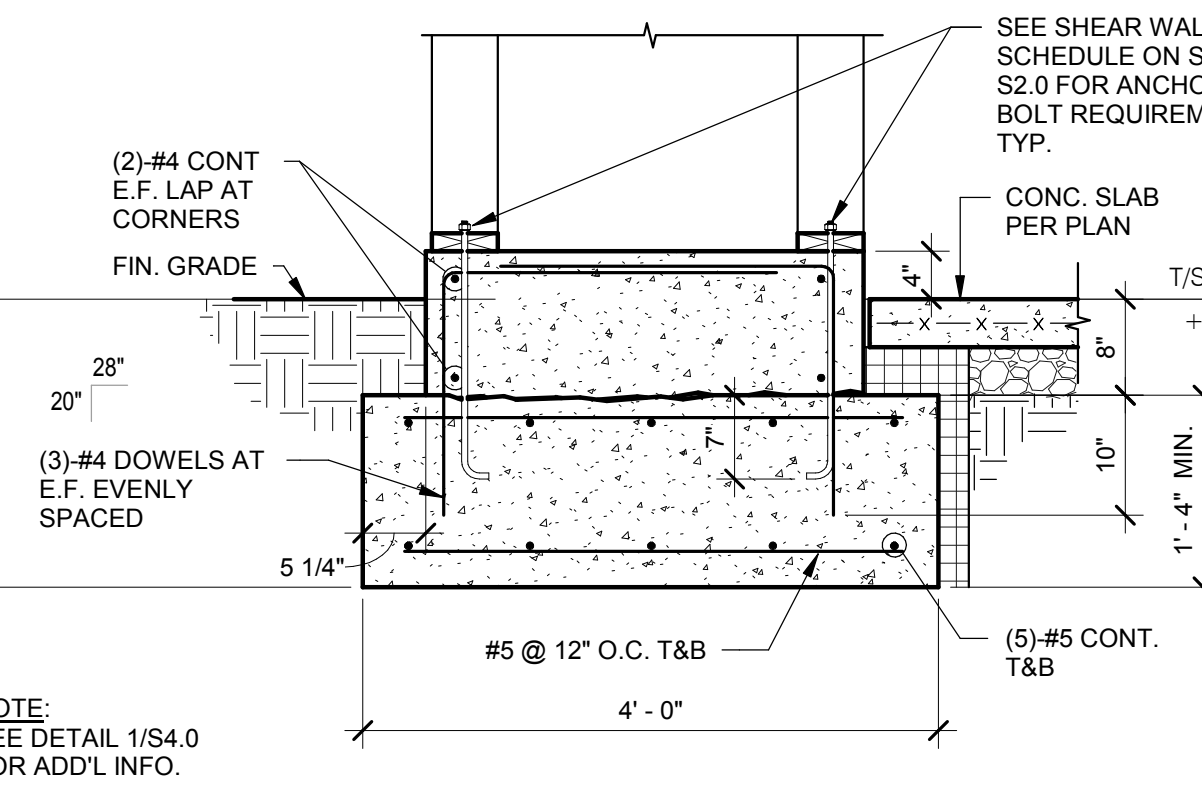
10



HOLDOWN DETAIL

3/4" = 1'-0"

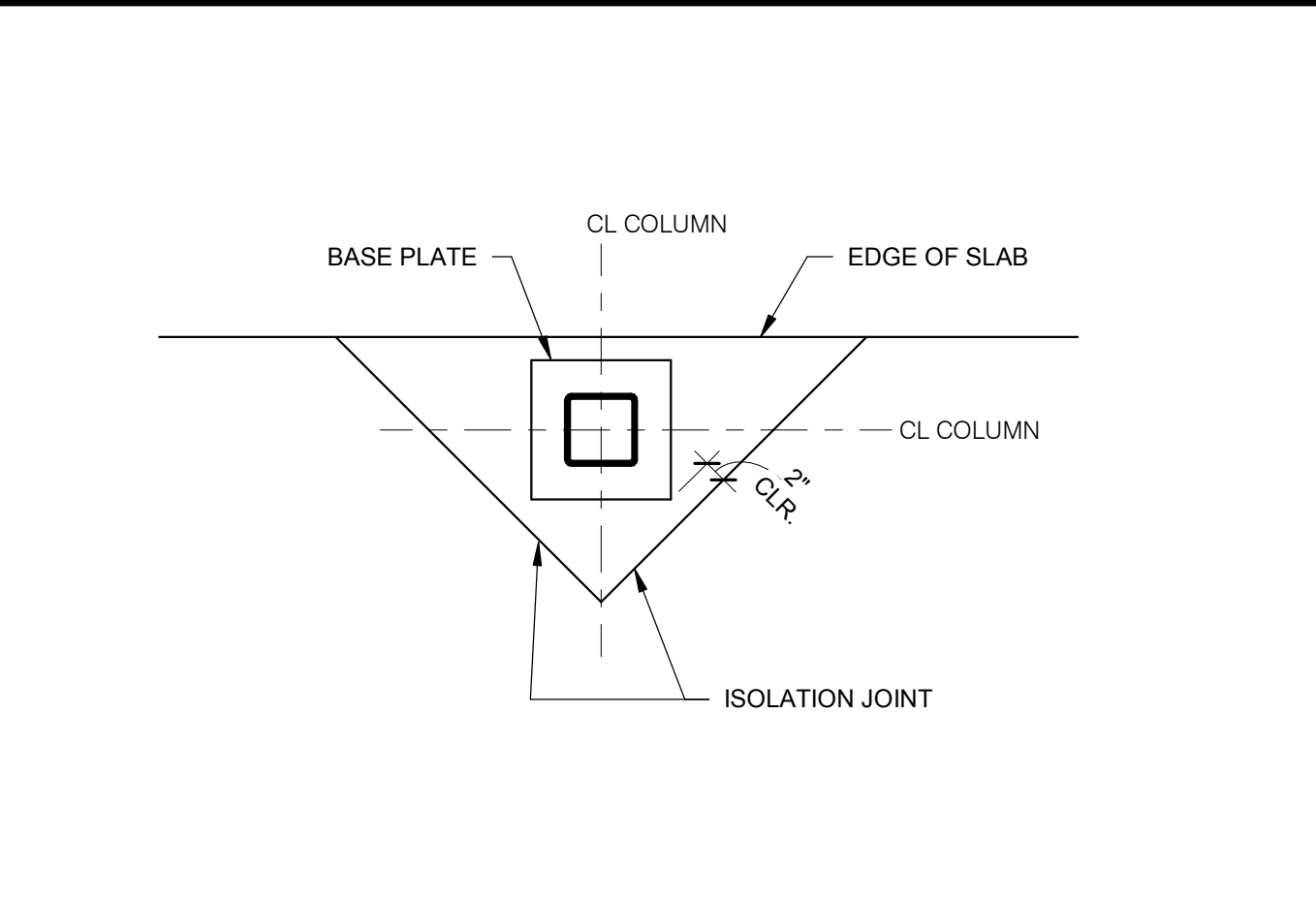
6



FOOTING AT ENTRY PILASTER

3/4" = 1'-0"

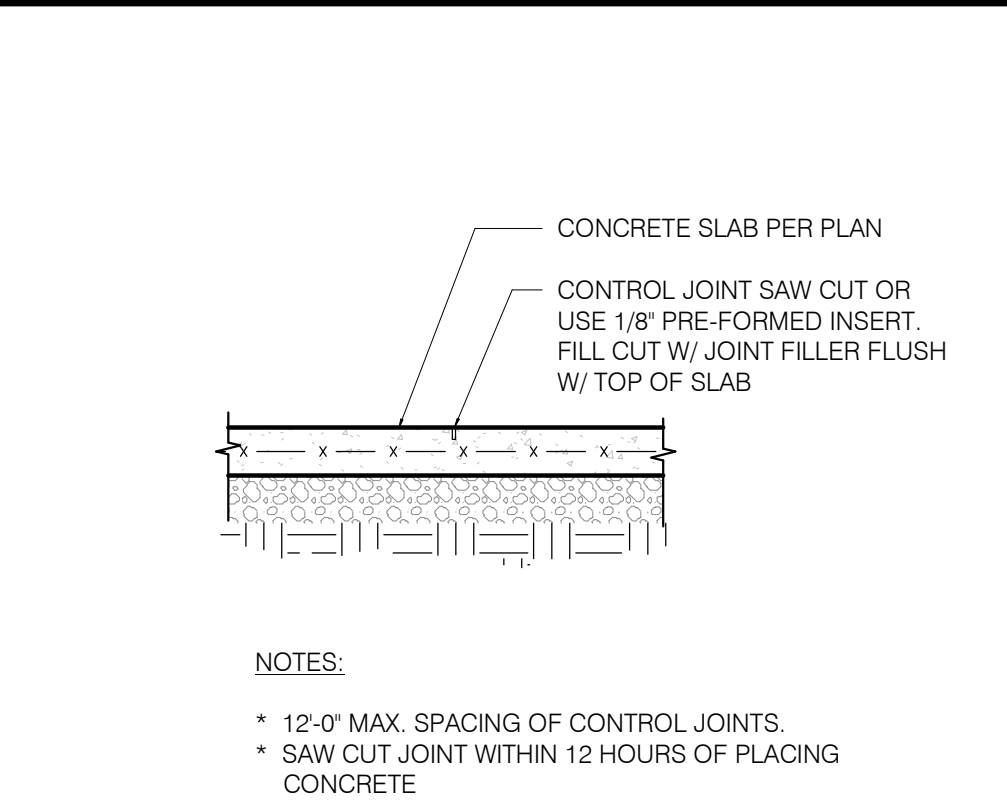
2



TYP. ISOLATION JOINT

3/4" = 1'-0"

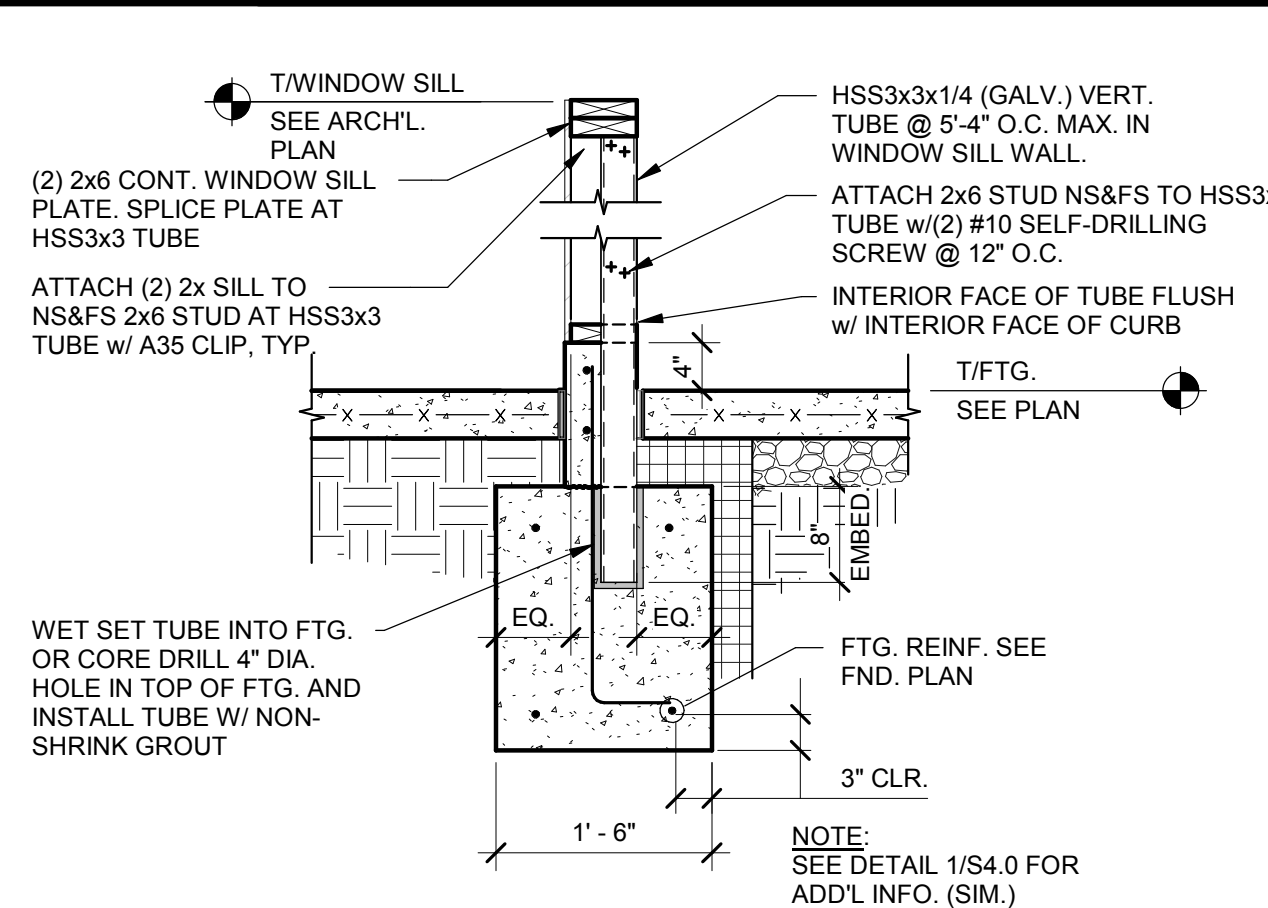
15



TYP. SLAB JOINT DETAIL

3/4" = 1'-0"

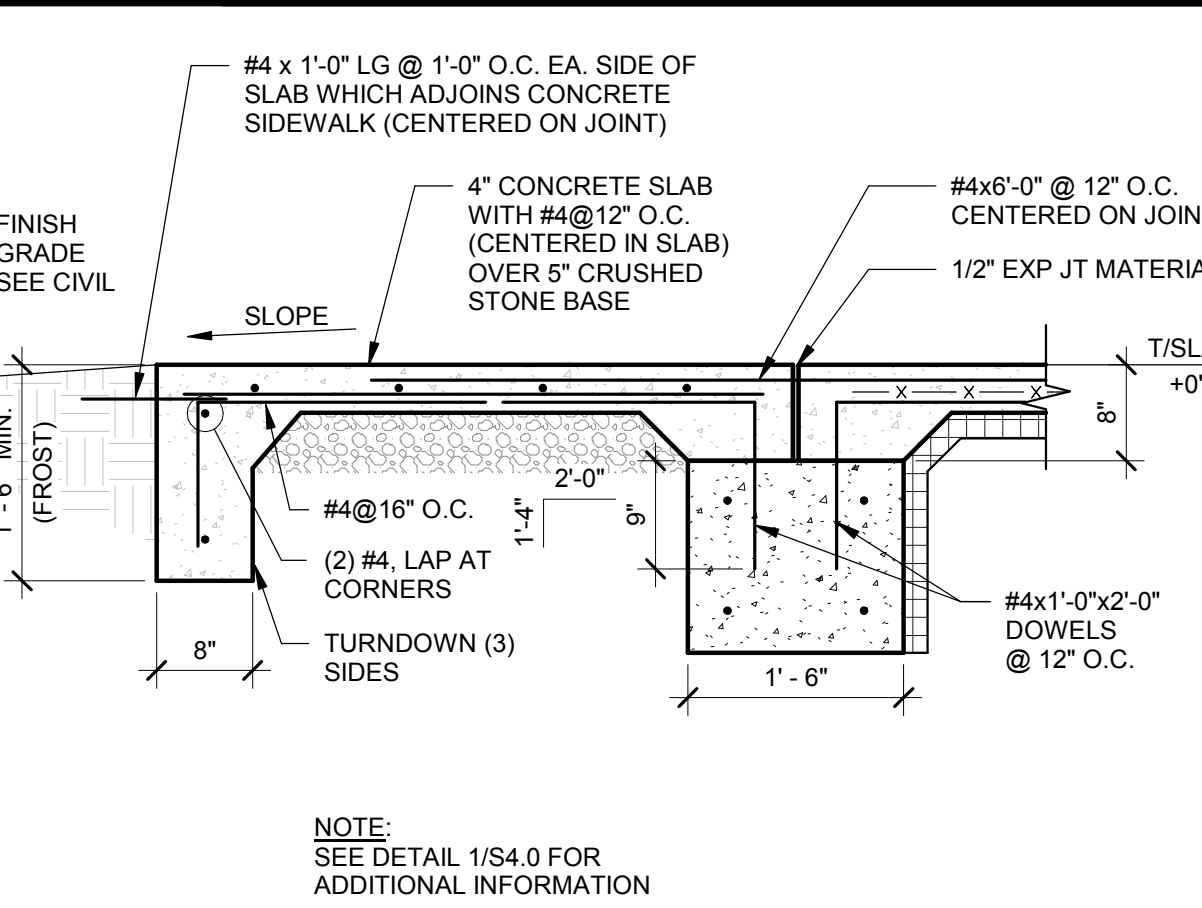
11



WINDOW SILL BRACING DETAIL

3/4" = 1'-0"

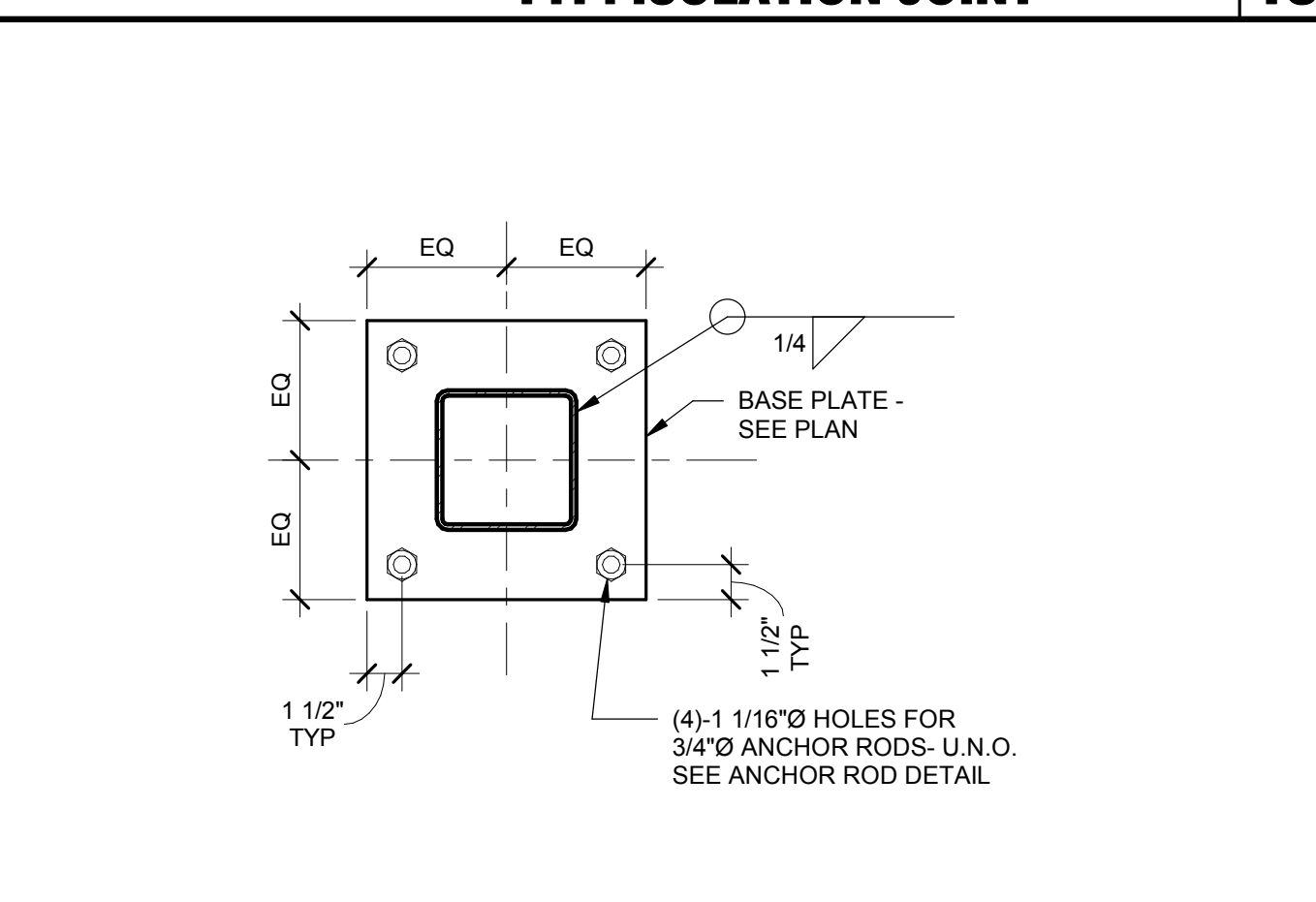
7



FOOTING AT FULL HEIGHT OPENING

3/4" = 1'-0"

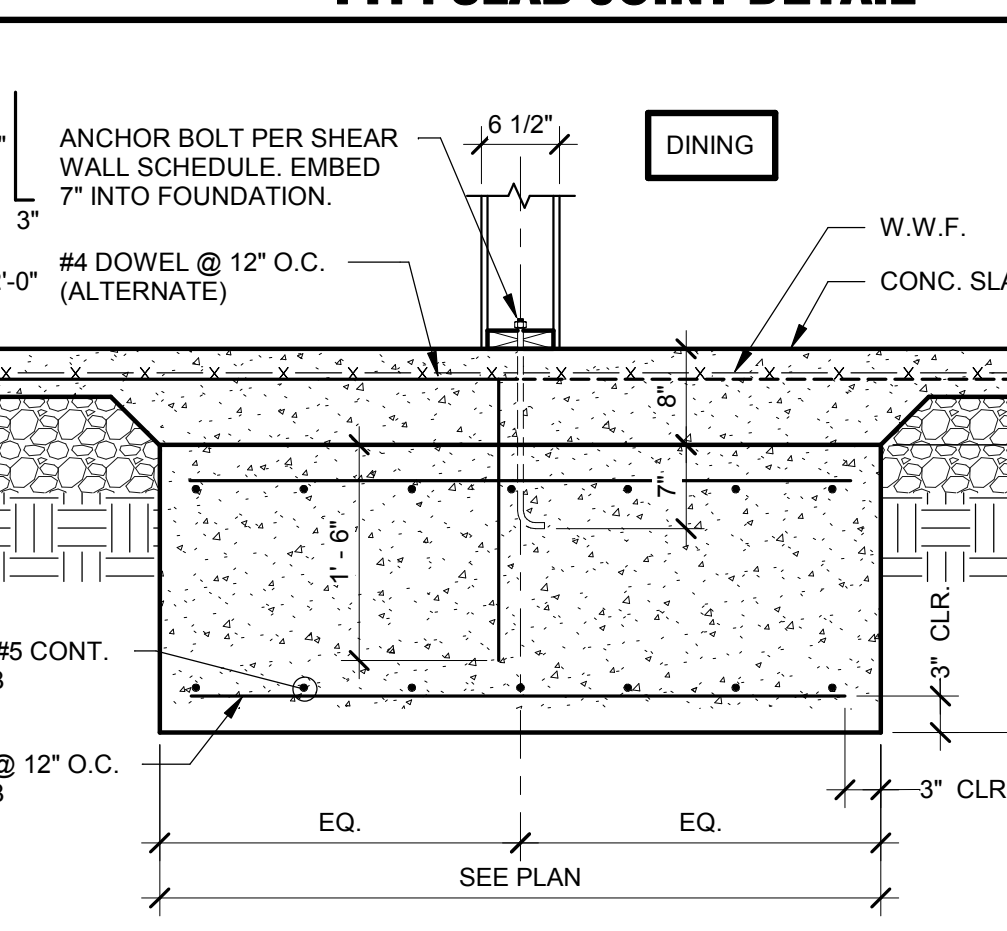
3



TYP. BASE PLATE DETAIL

1 1/2" = 1'-0"

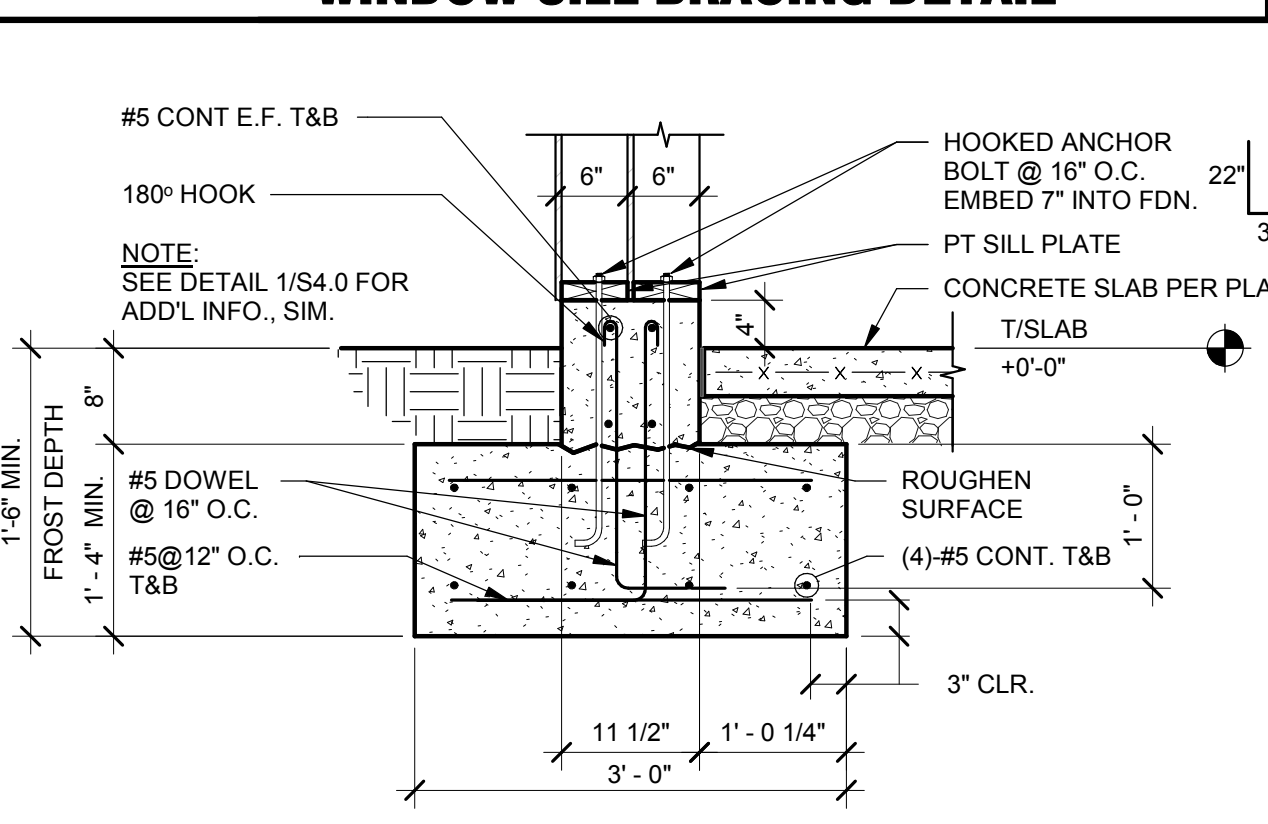
16



FOOTING AT INTERIOR SHEARWALL

3/4" = 1'-0"

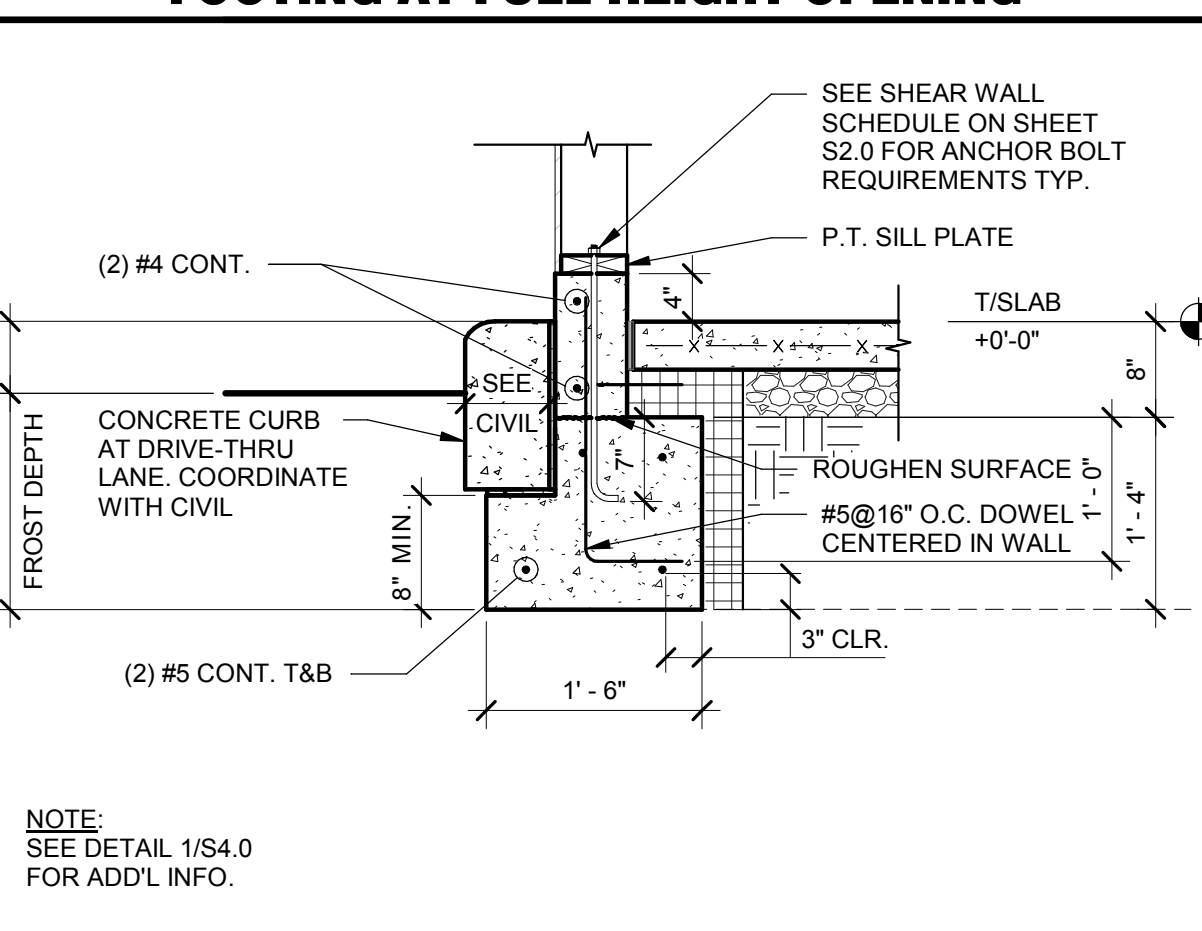
12



SECTION AT TOWER LEG

3/4" = 1'-0"

8



FOOTING AT DRIVE THRU

3/4" = 1'-0"

4

DATE	REMARKS
03.17.22	Issued for RSCS Bid
04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

TACO BELL

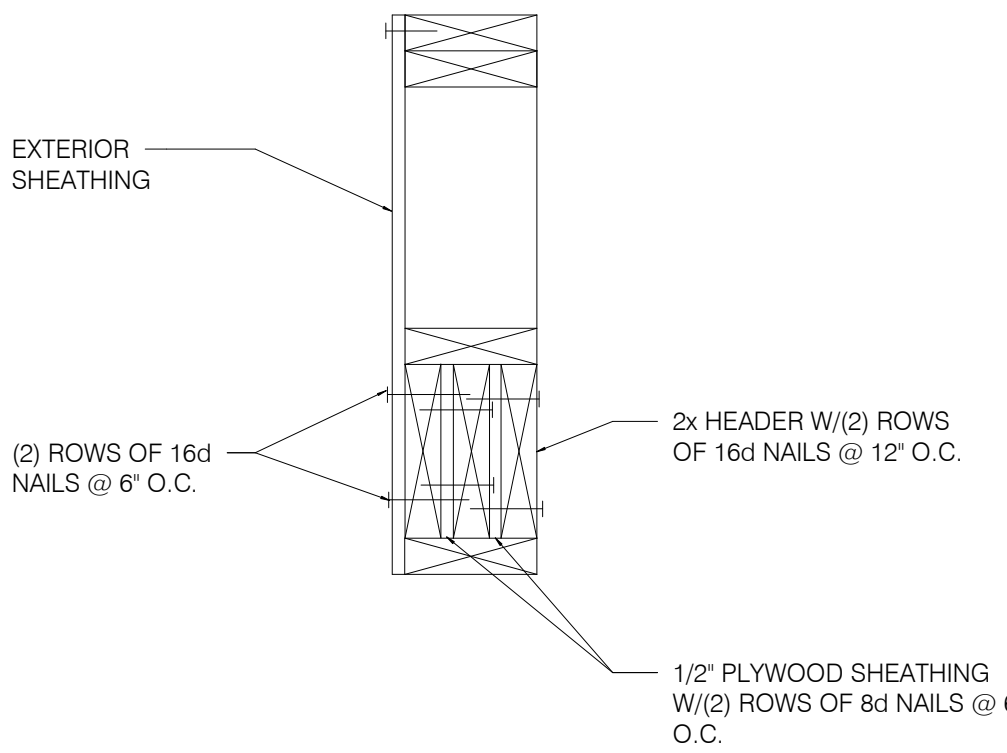
403 E. Main St.  
Cartersville, GA 30121



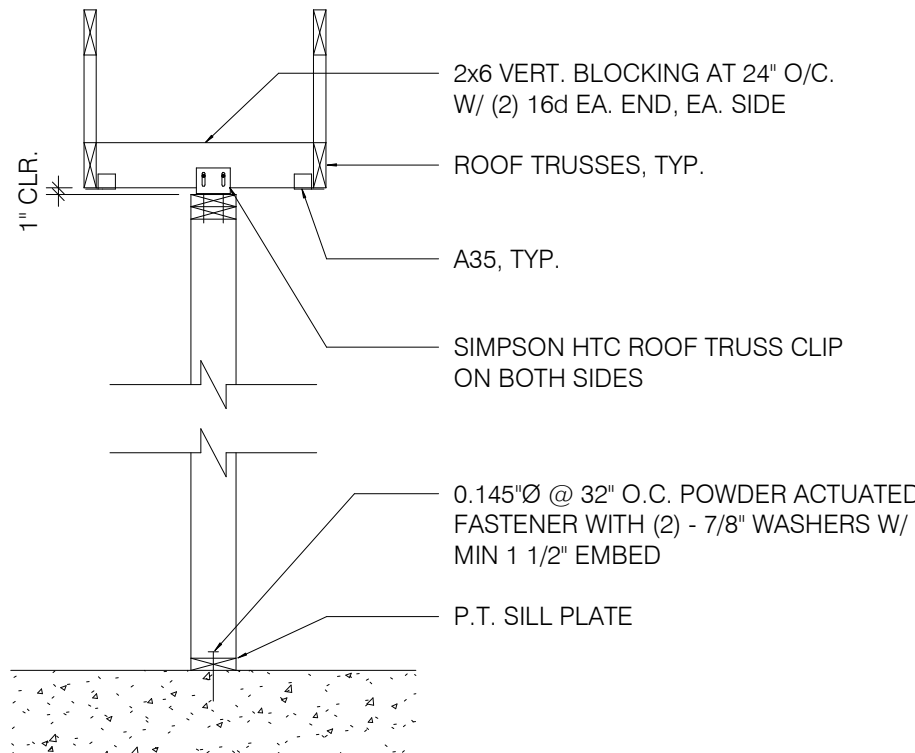
ENDEAVOR 2.0  
STRUCTURAL  
DETAILS

S4.0

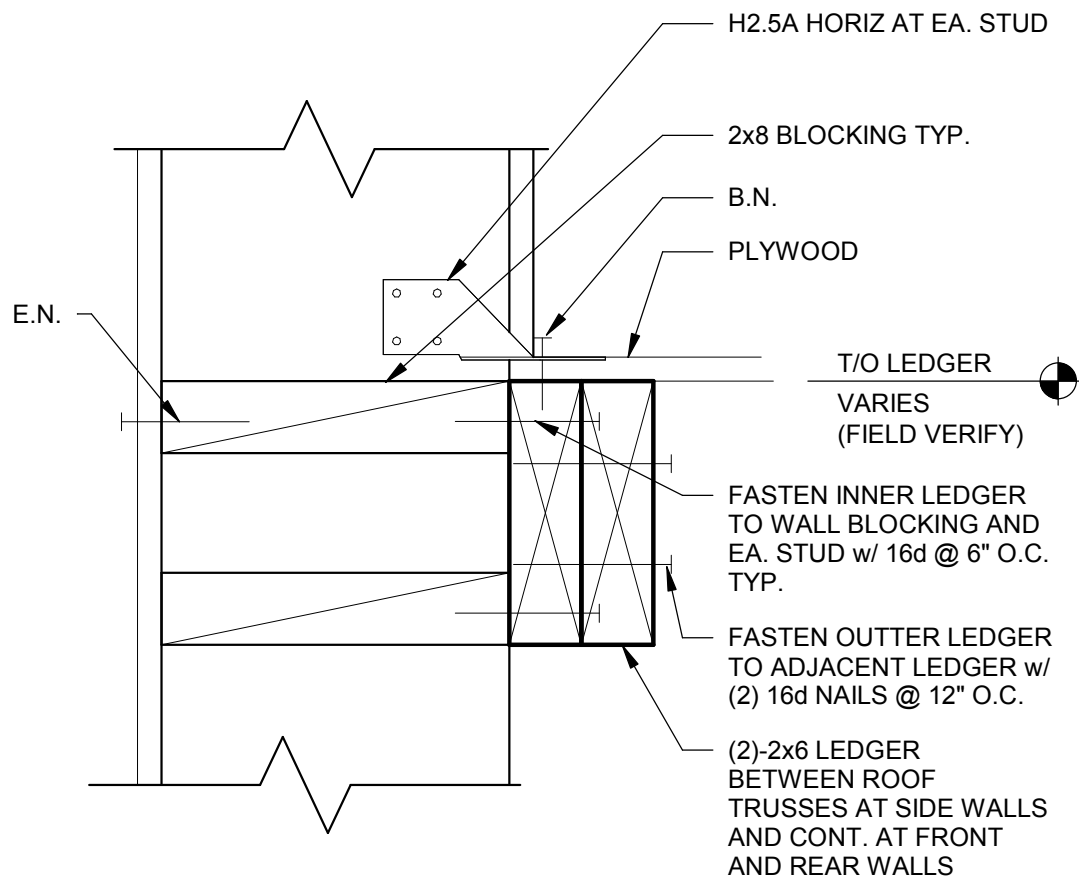
PLOT DATE: 3/31/2022 11:43:46 AM



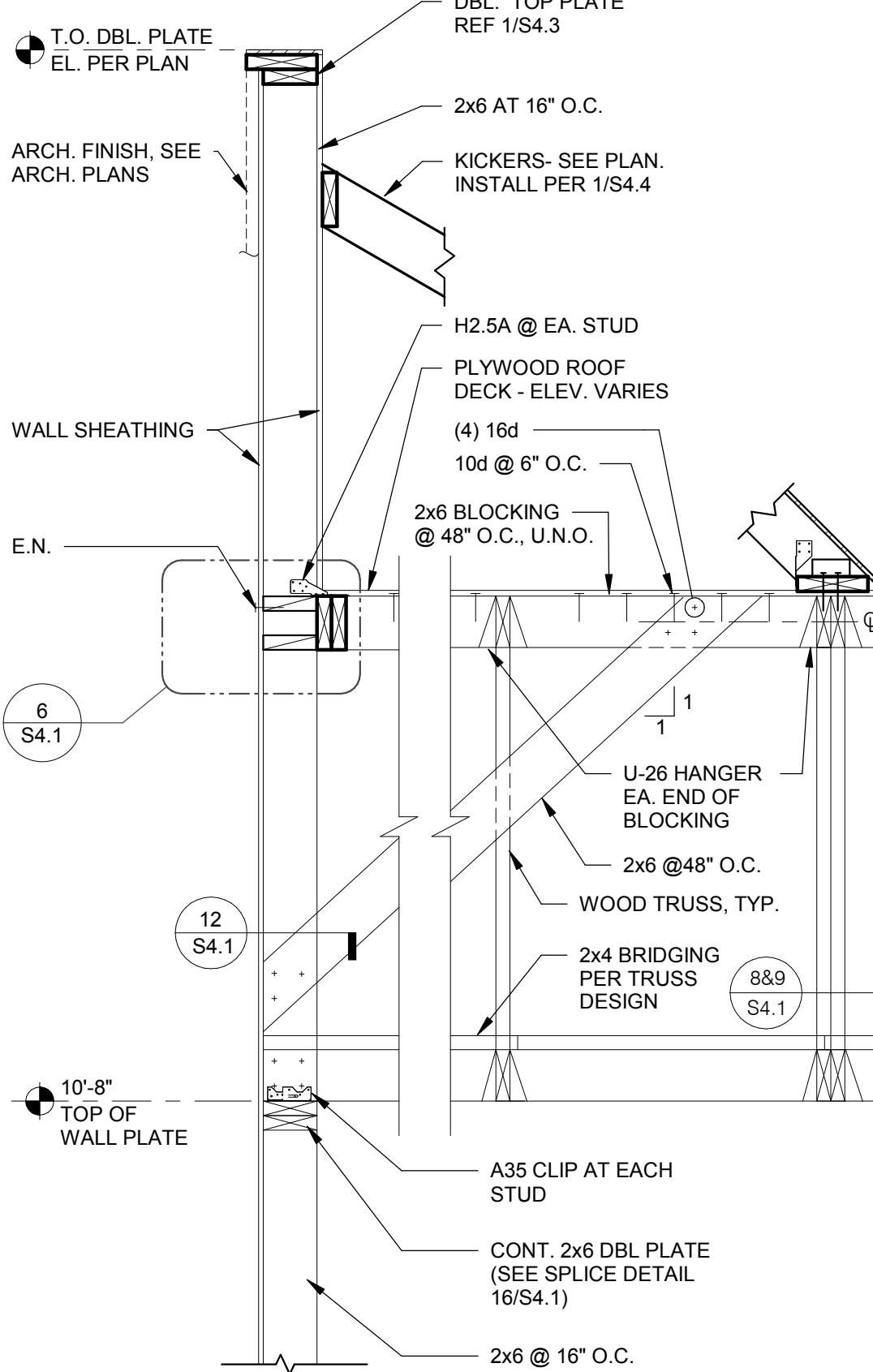
**TYP. MULTIPLE HEADER** 1'-1/2" = 1'-0" **14**



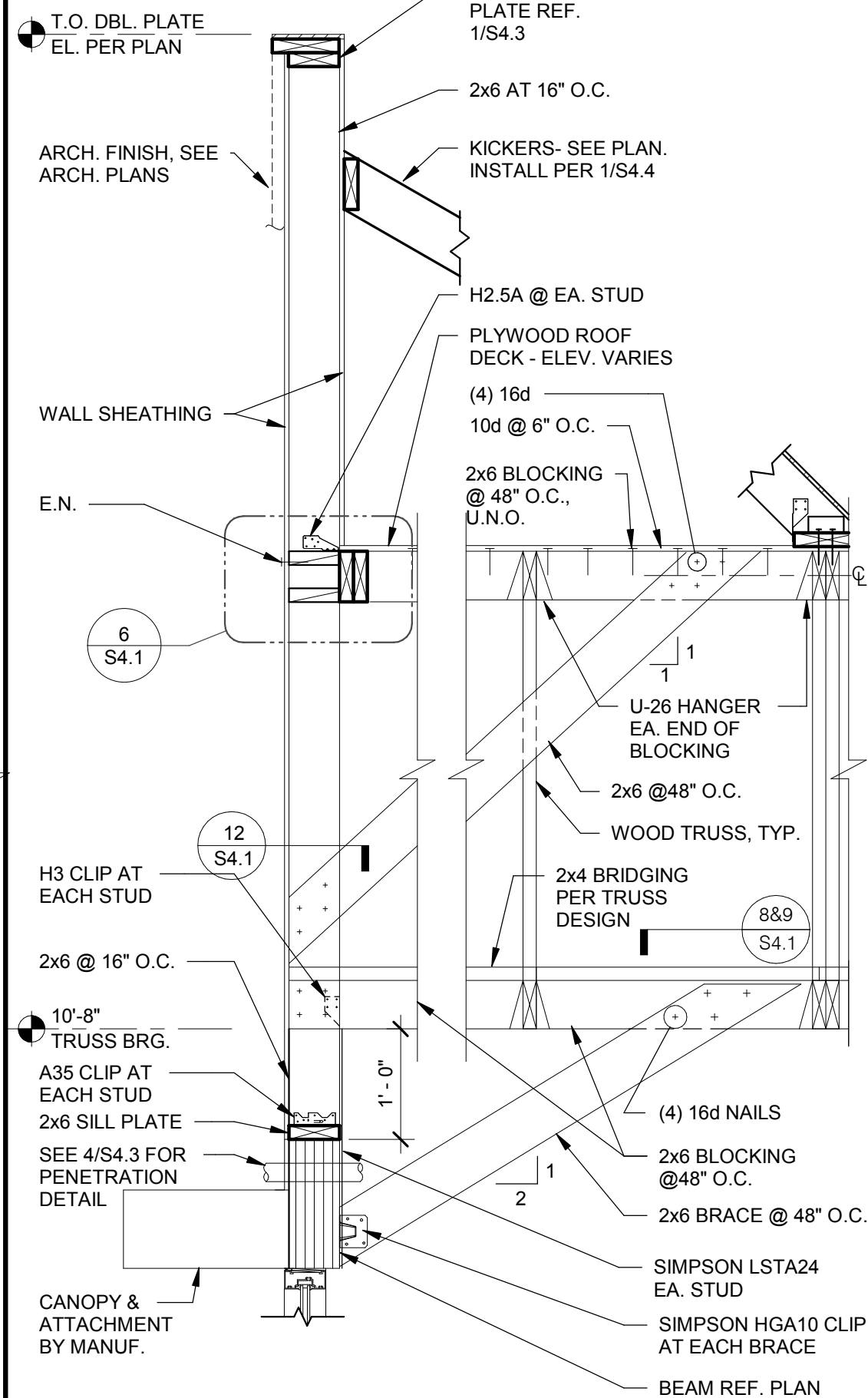
**SUPPORT - PARALLEL TO TRUSS** 1/2" = 1'-0" **10**



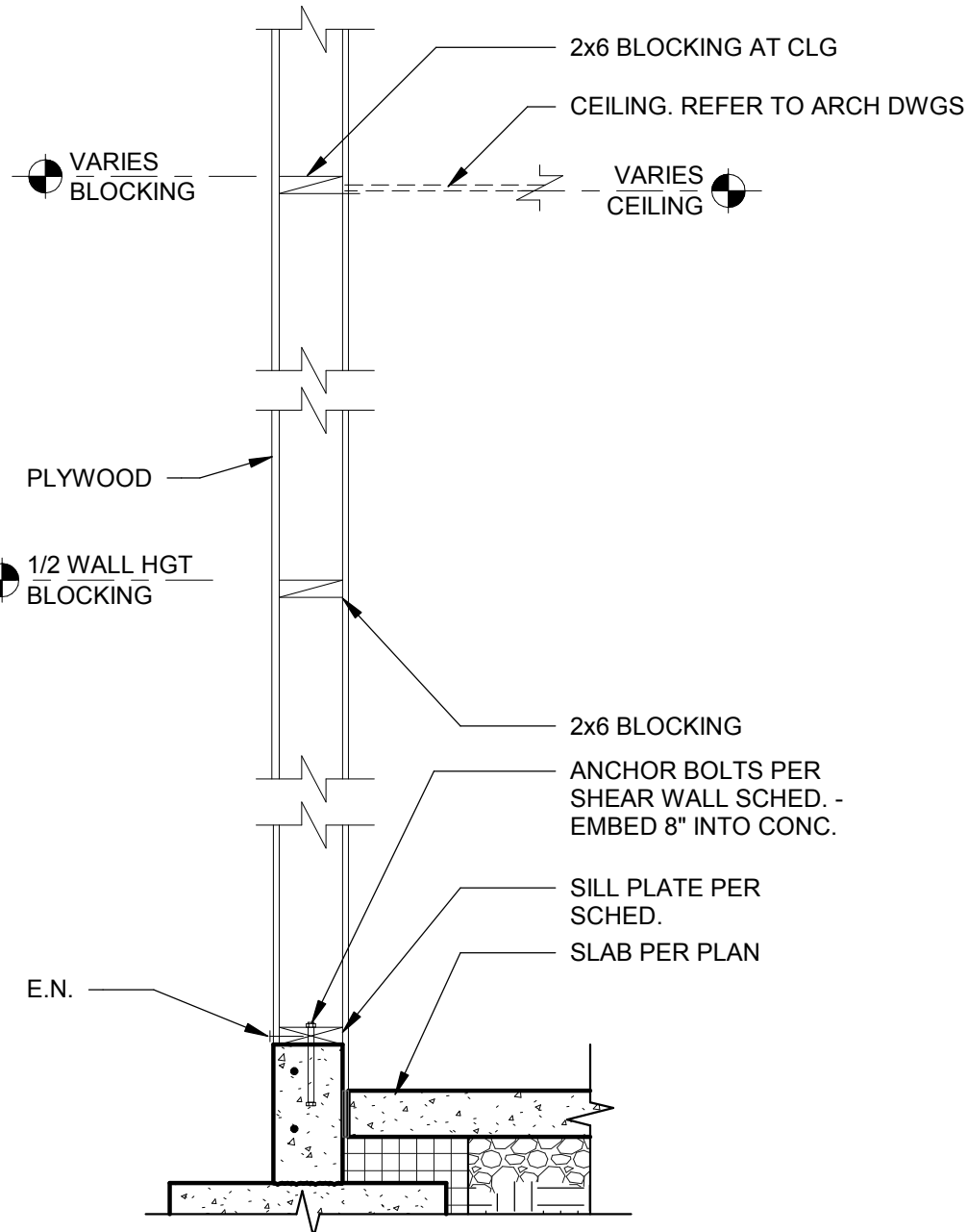
**LEDGER DETAIL** 3" = 1'-0" **6**



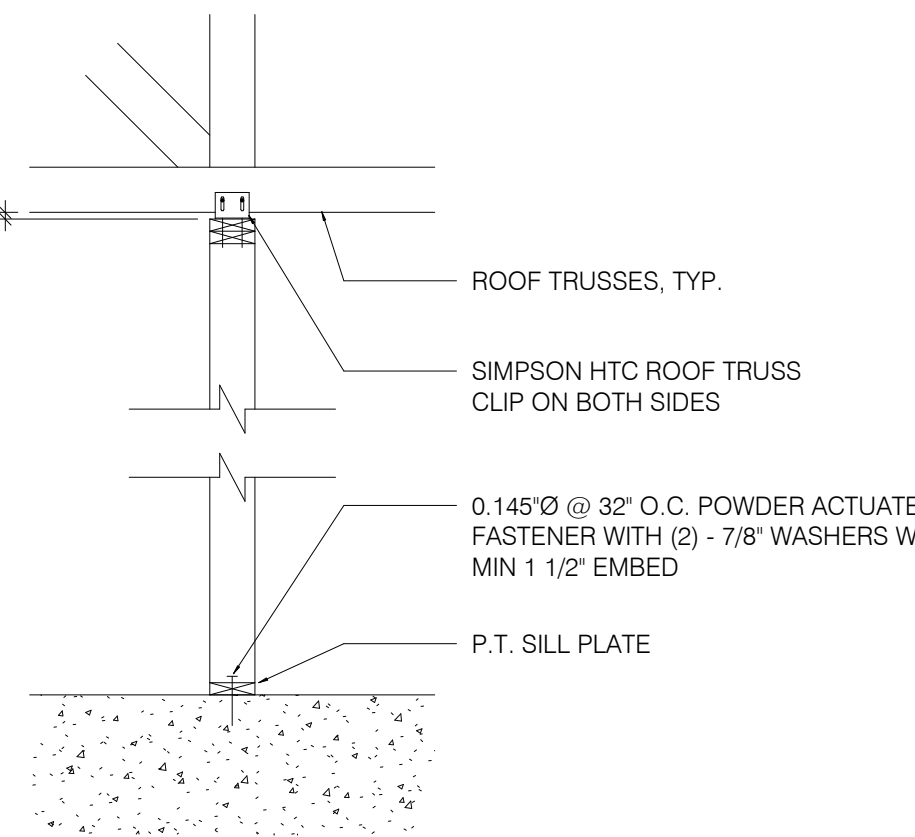
**REAR WALL SECTION** N.T.S. **4**



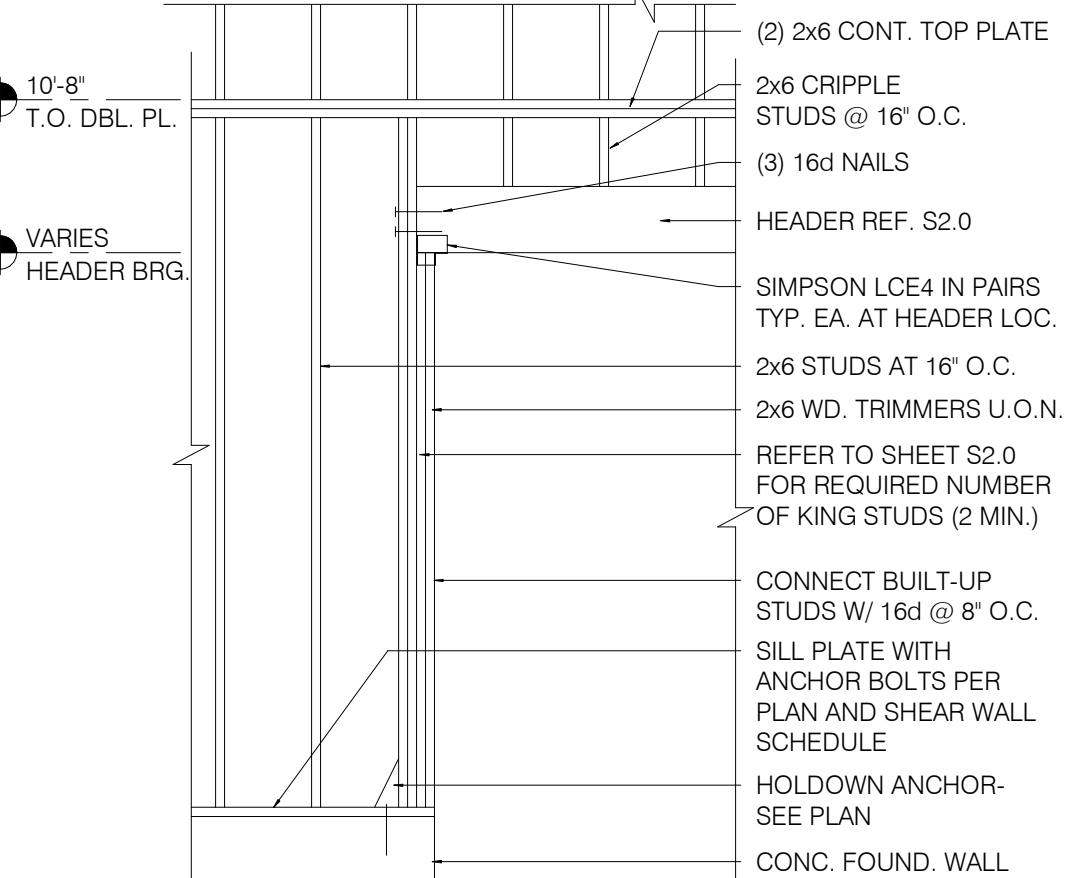
**FRONT WALL SECTION** N.T.S. **1**



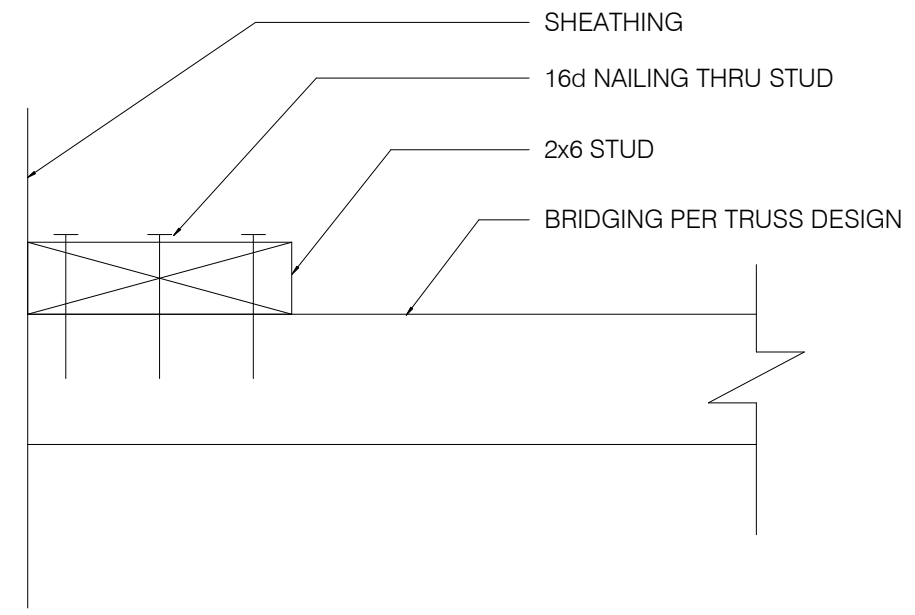
**TYPICAL WALL BELOW TRUSS** 3/4" = 1'-0" **15**



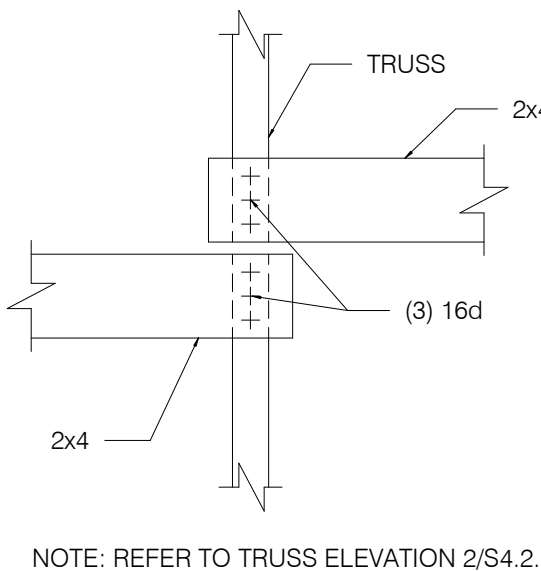
**SUPPORT PERP. TO TRUSS** 1/2" = 1'-0" **11**



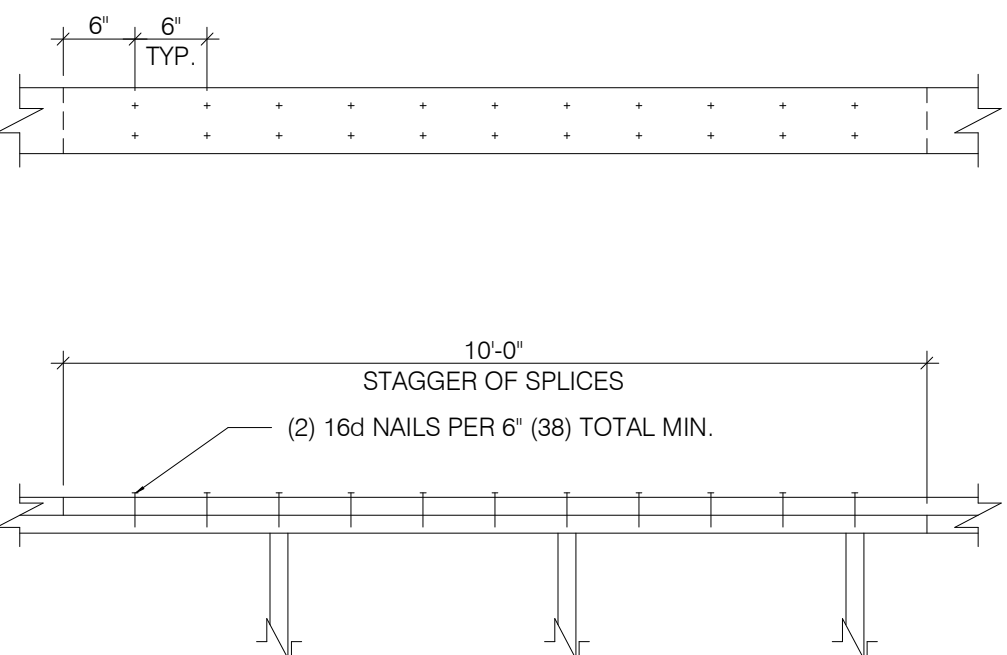
**FRAMING ELEVATION AT OPENING** N.T.S. **7**



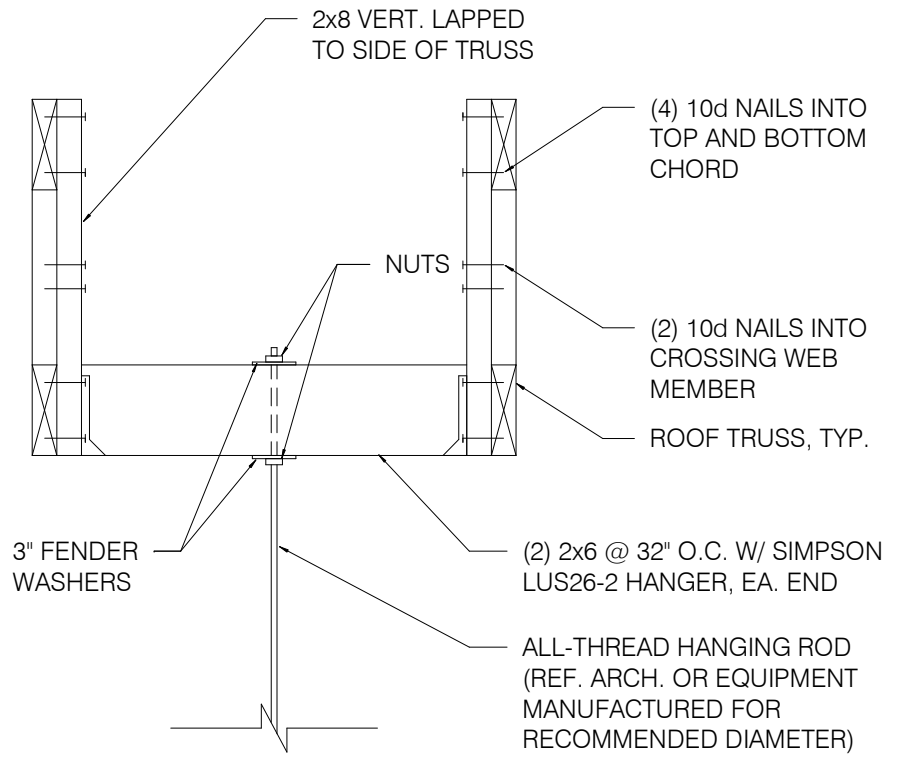
**BRIDGING DETAIL** 3" = 1'-0" **12**



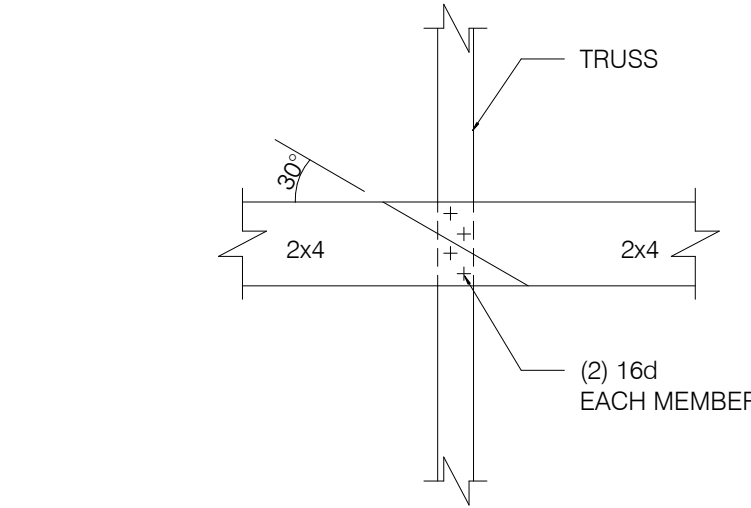
**BRIDGING LAP DETAIL** 1/4" = 1'-0" **8**



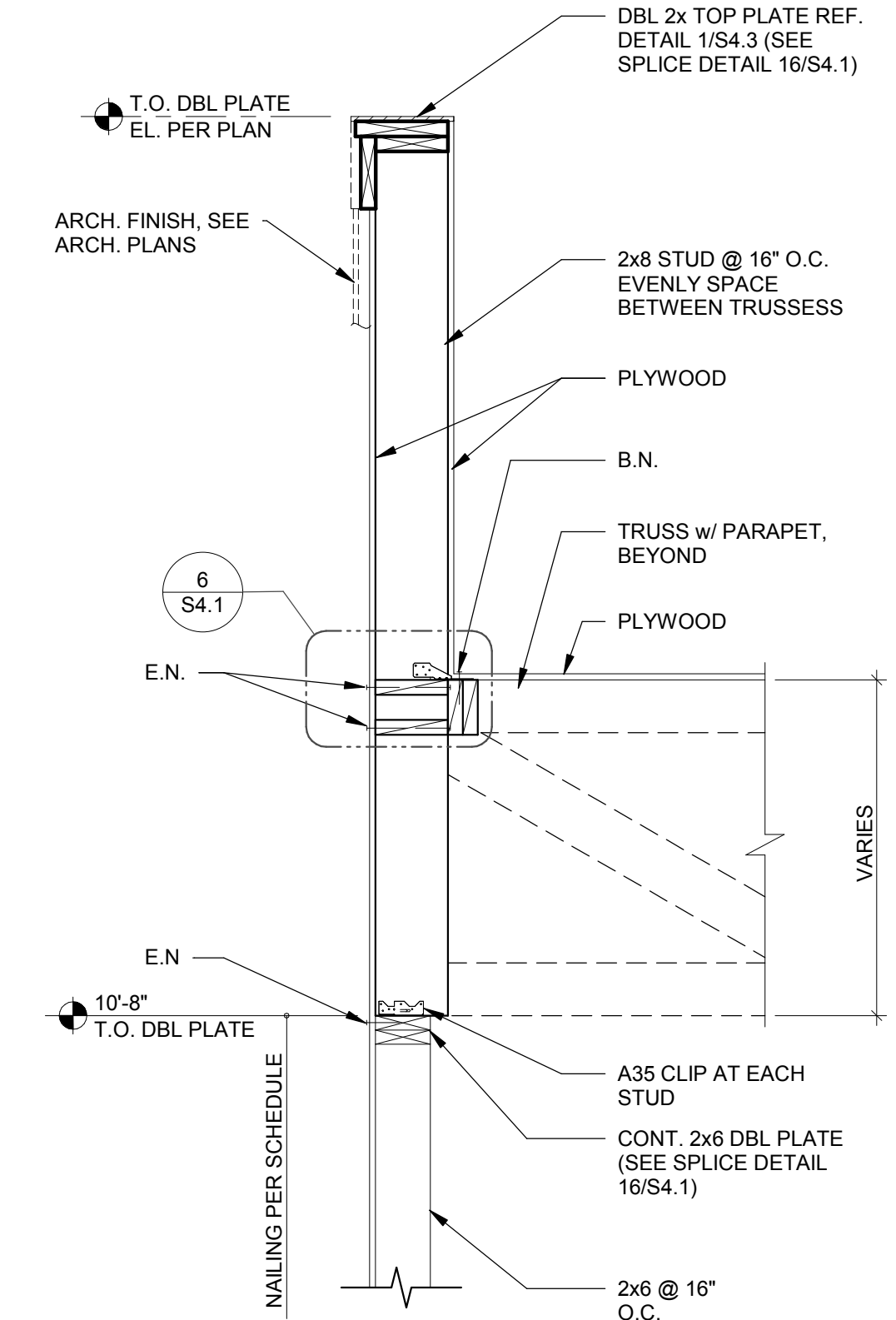
**PLATE LAP DETAIL** 1" = 1'-0" **16**



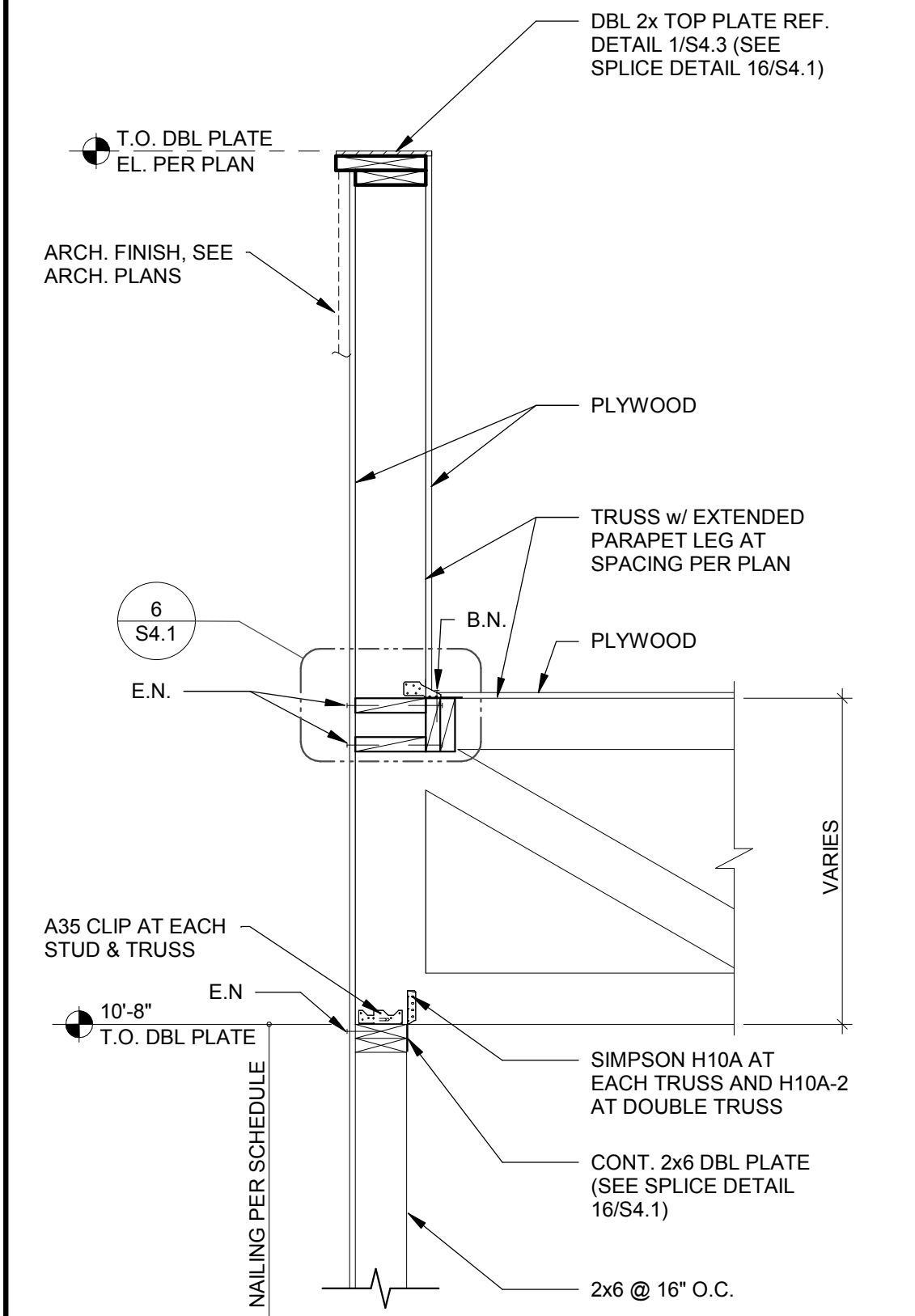
**HANGING BULKHD. OR HOOD DETL.** N.T.S. **13**



**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: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121

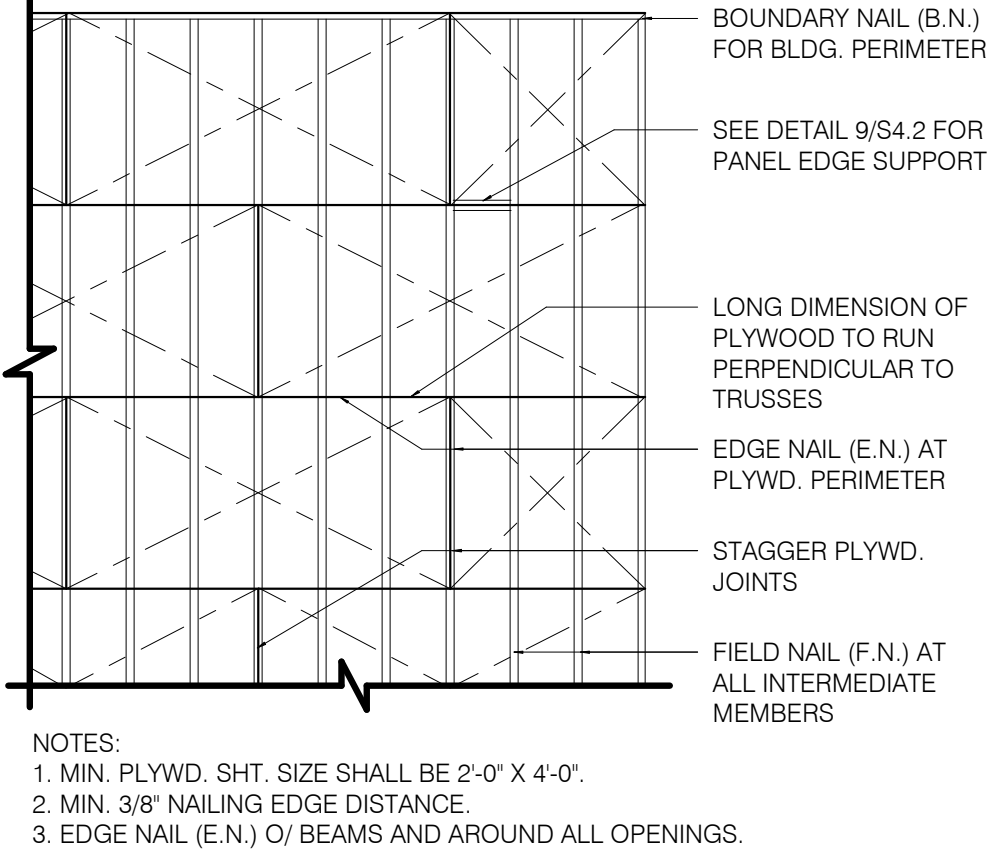


**ENDEAVOR 2.0  
STRUCTURAL  
DETAILS**

**S4.1**

PLOT DATE: 3/31/2022 11:43:49 AM

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



ROOF NAILING PLAN N.T.S.

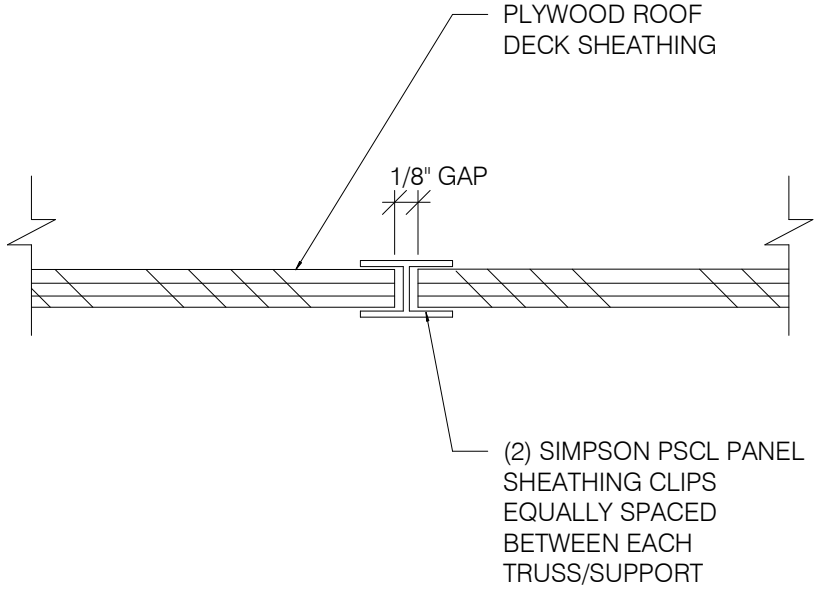
8

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

5

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

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

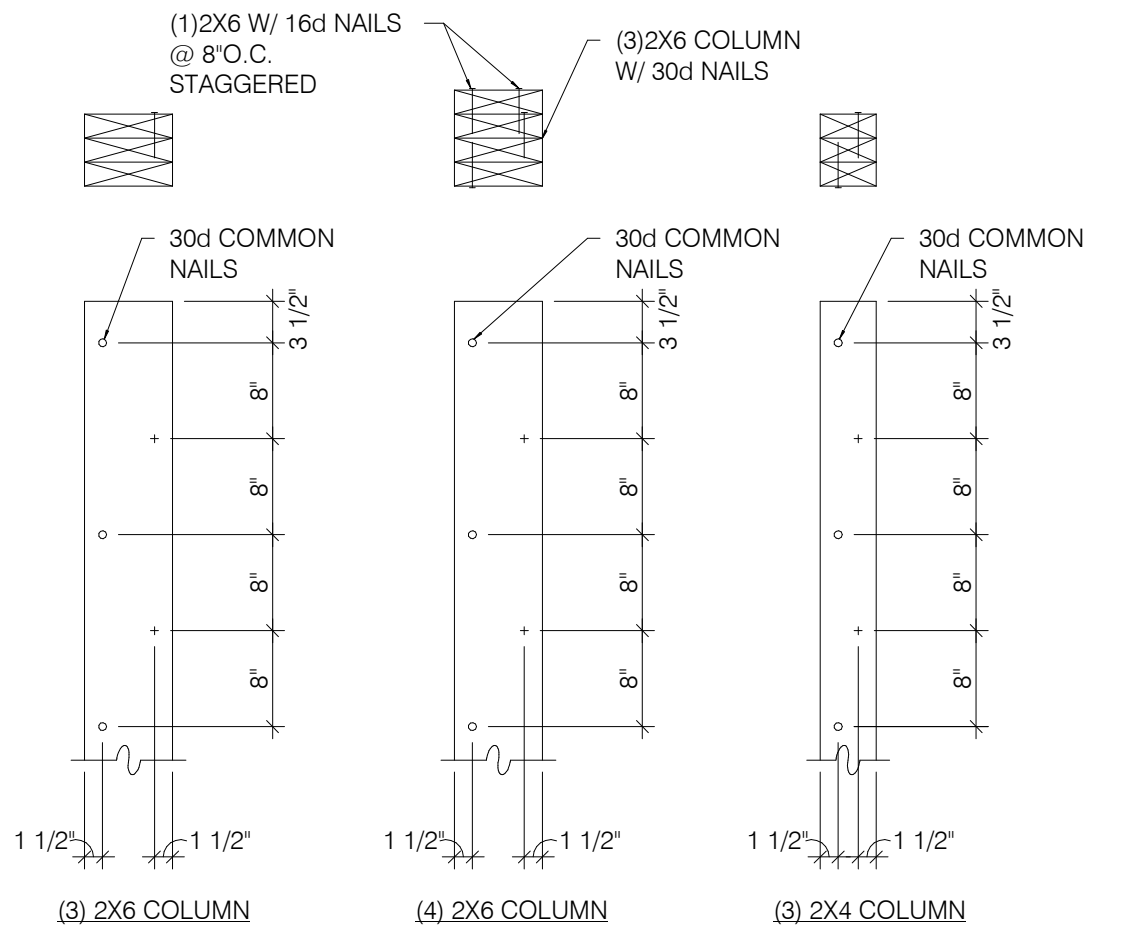


PLYWOOD EDGE BLOCKING 1" = 1'-0"

9

ROOF OPENING DETAIL 1" = 1'-0"

6



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

12

TYPICAL ROOF OPENING 1" = 1'-0"

10

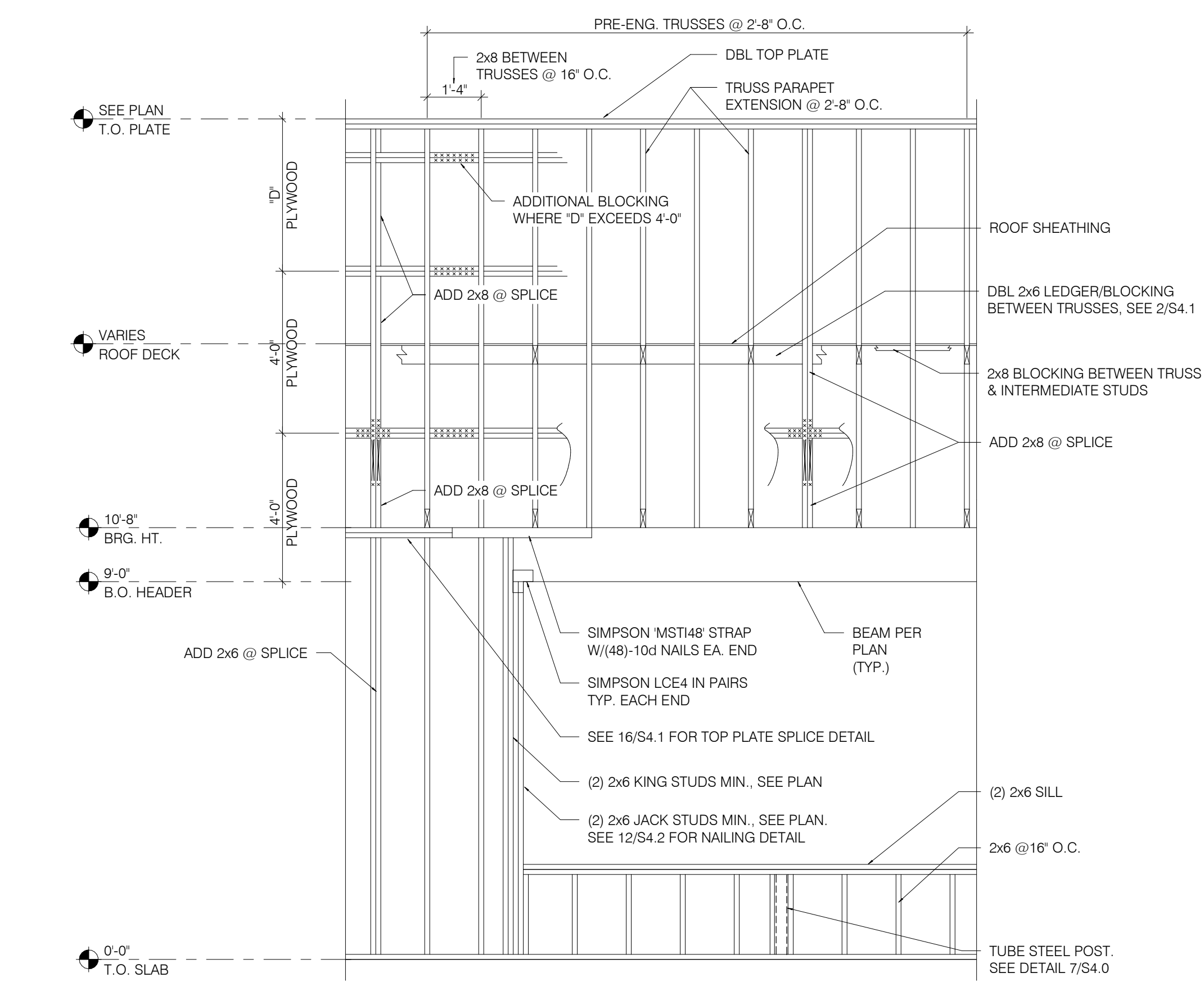
TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T23	X	XX		SEE NOTE 1.

NOTES:

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

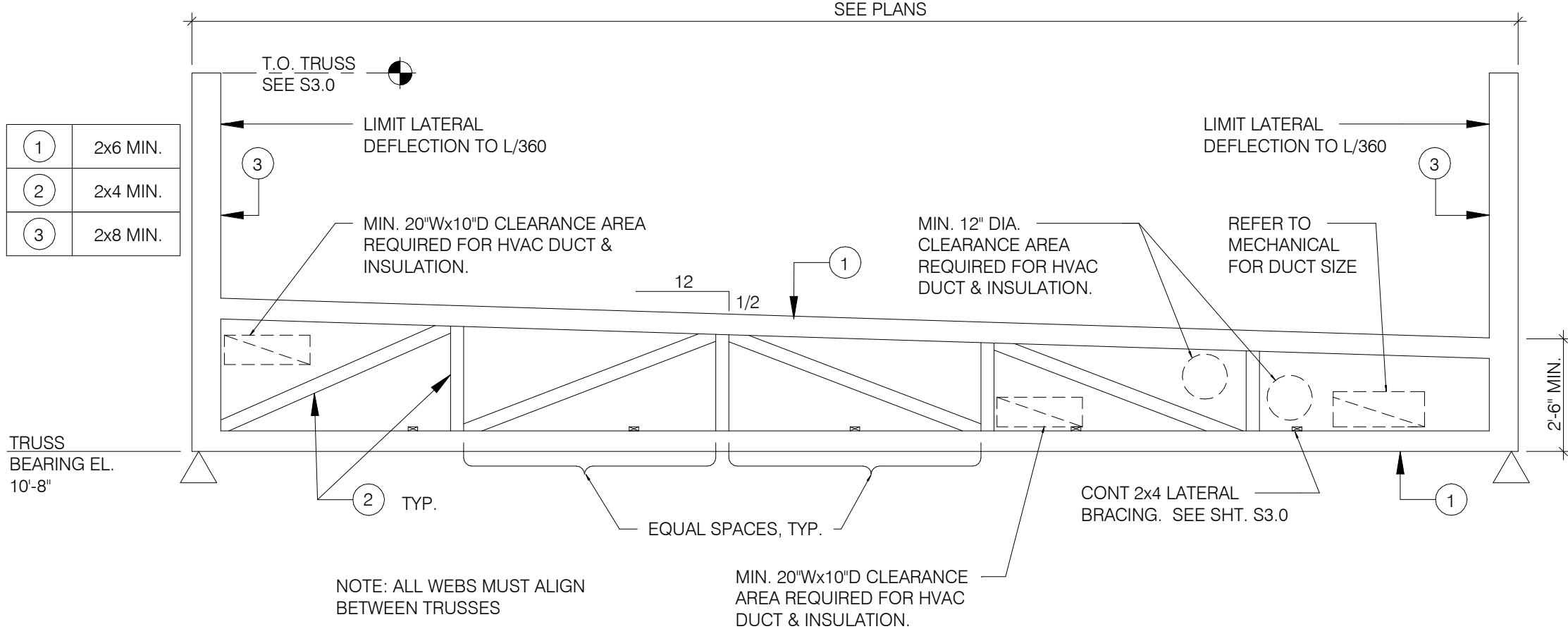
TRUSS SCHEDULE 1" = 1'-0"

7



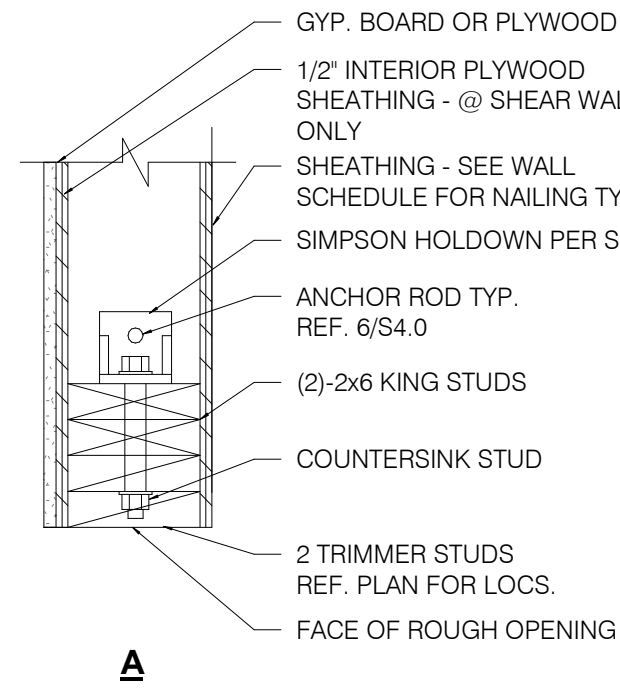
WALL FRAMING DETAIL 1" = 1'-0"

1

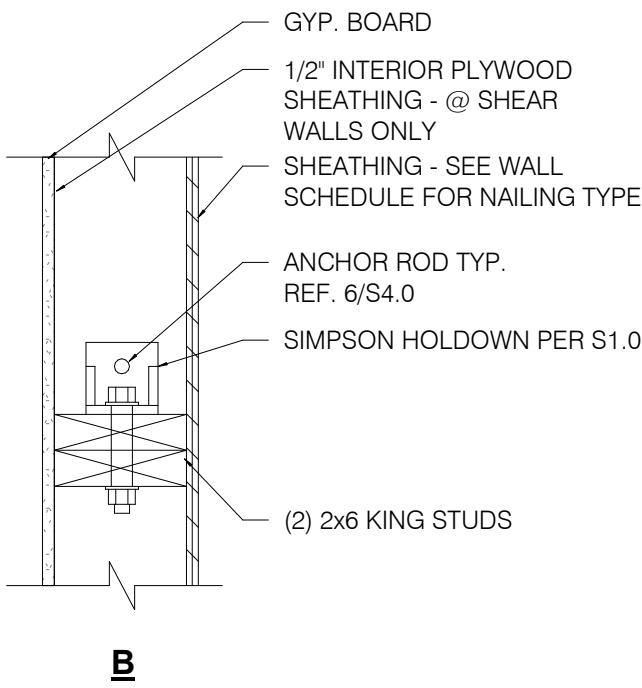


TRUSS ELEVATION 1" = 1'-0"

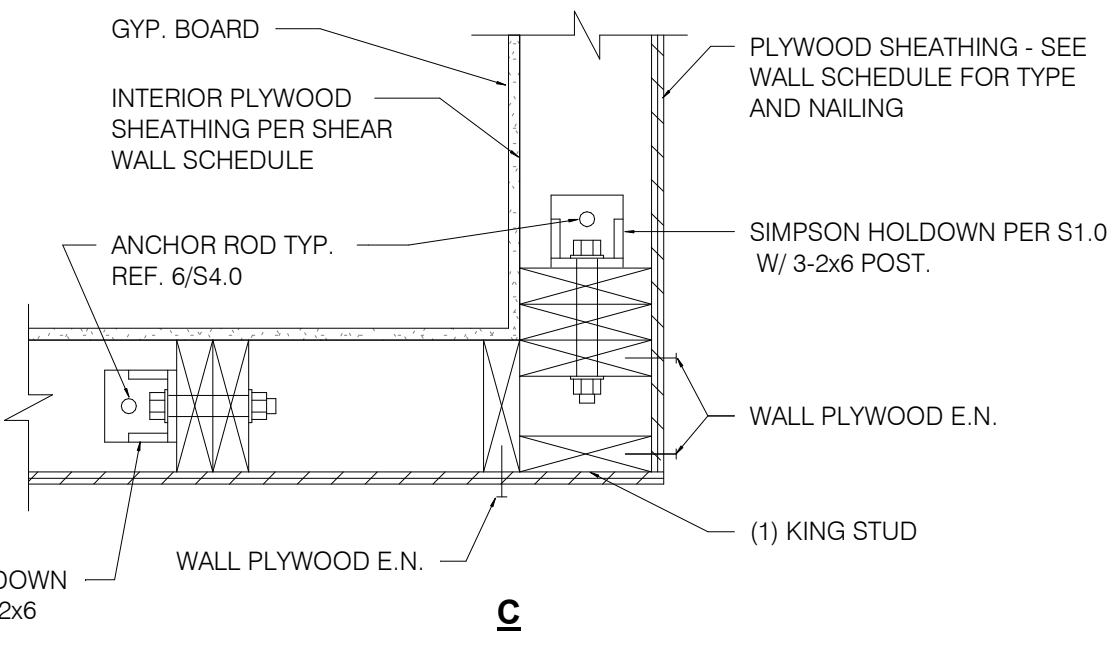
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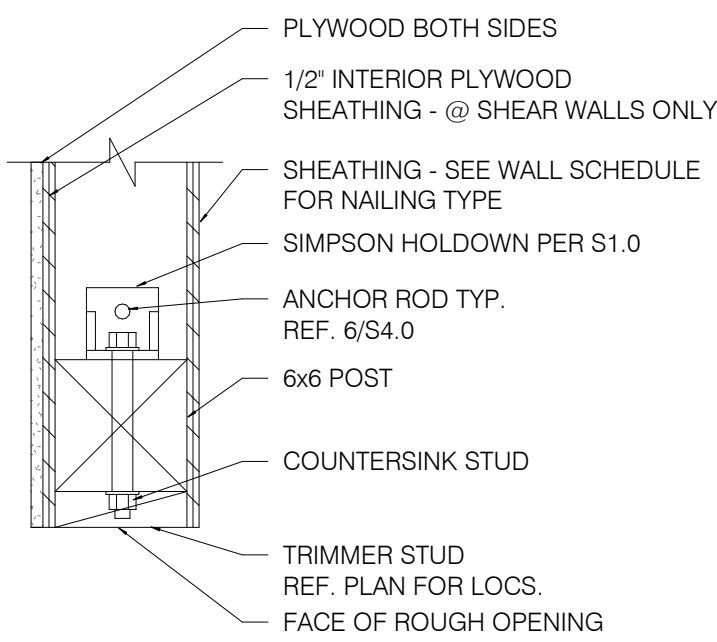
A



B



C



D

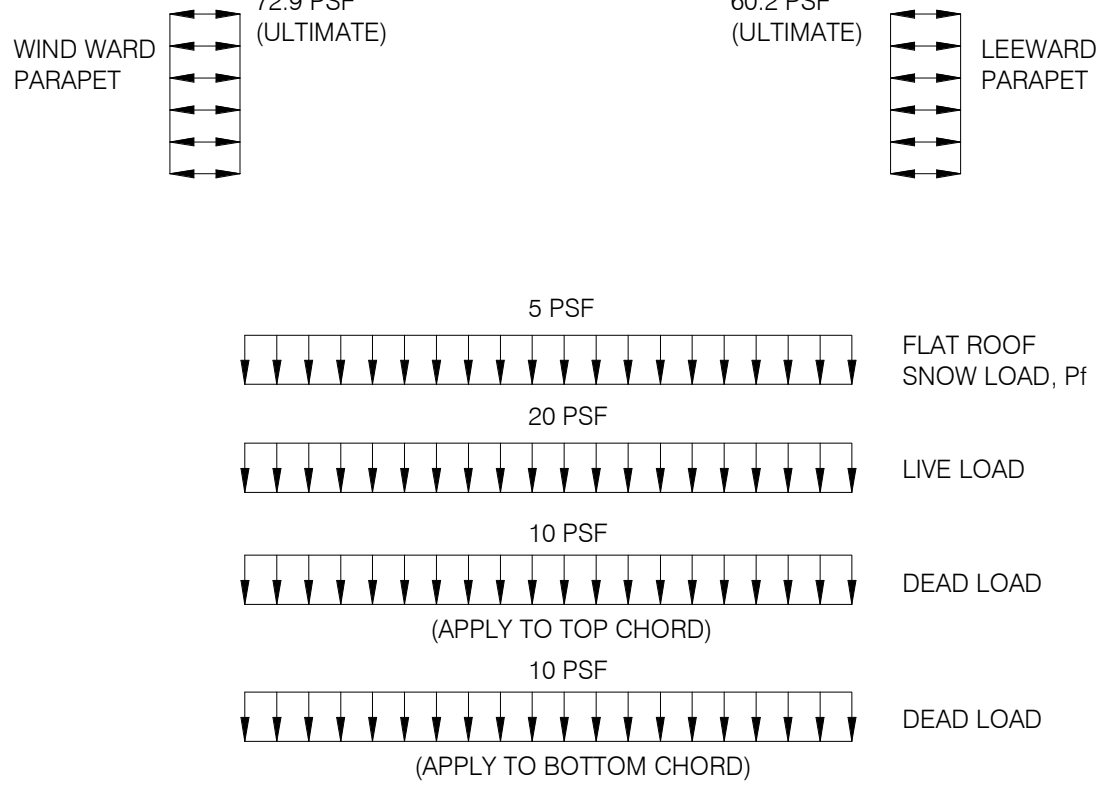
NOTE:  
SEE PLAN FOR OREINTATION. TYPICAL FOR DETAILS A - D.

HOLDOWN DETAILS 1" = 1'-0"

4

TRUSS LOAD DIAGRAMS 1" = 1'-0"

3



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

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BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

TACO BELL

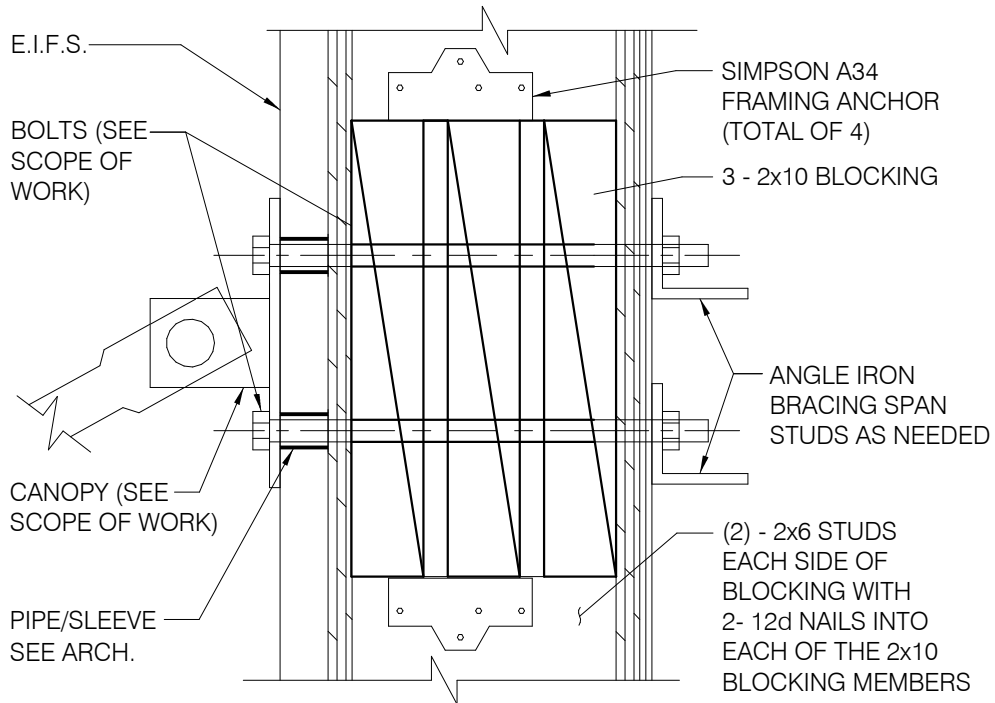
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
STRUCTURAL  
DETAILS

S4.2

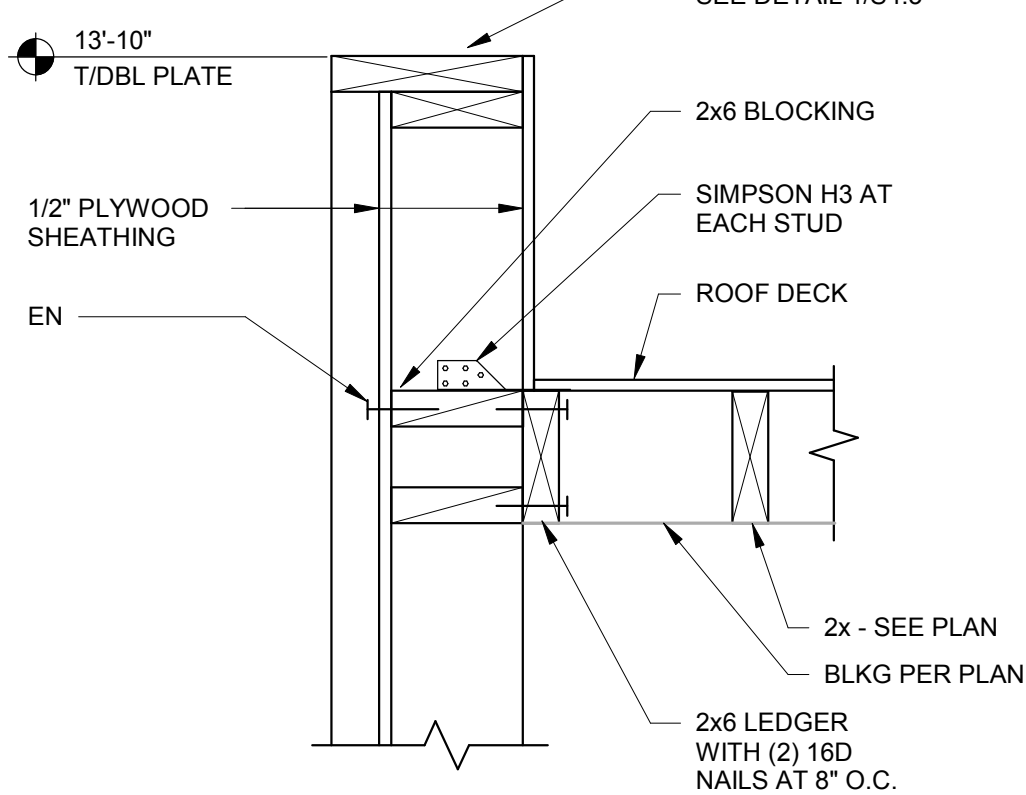
PLOT DATE: 3/31/2022 11:43:52 AM



**TIE-ROD BLOCKING**

3' = 1'-0"

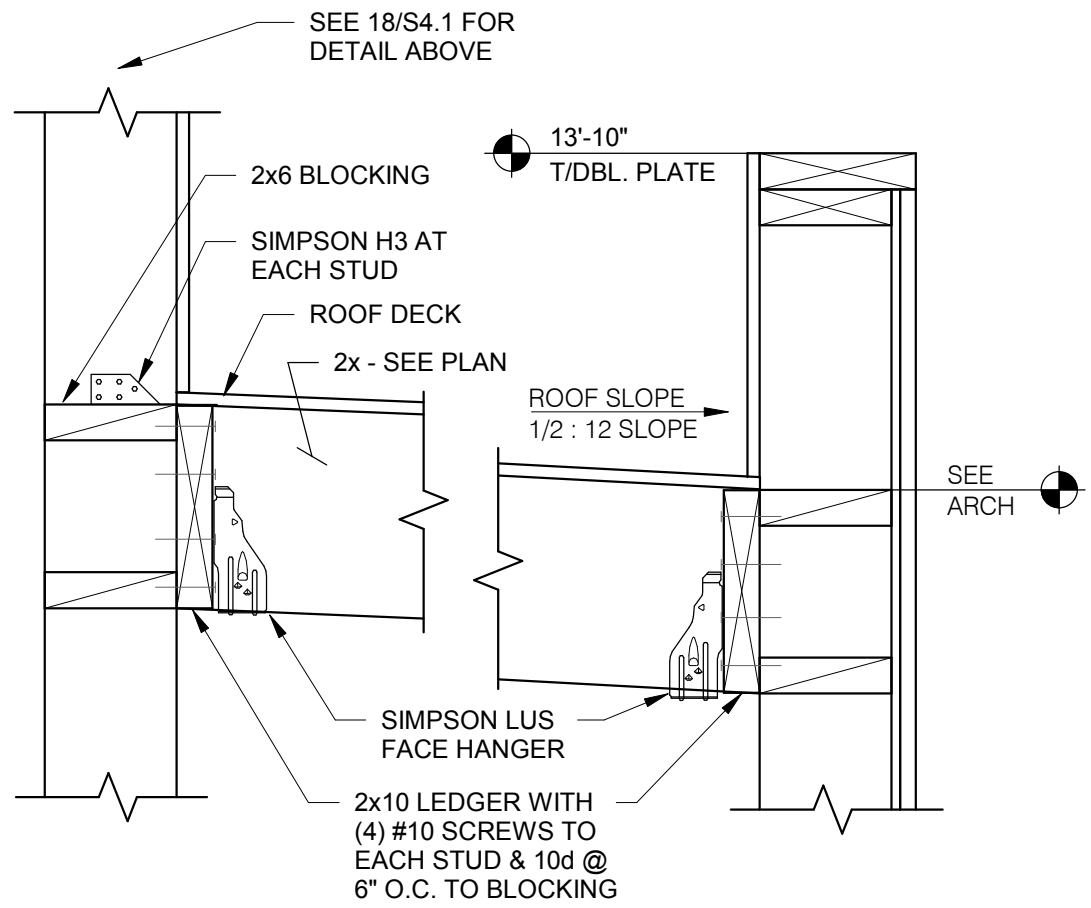
**13**



**SECTION AT COOLER SIDES**

1 1/2" = 1'-0"

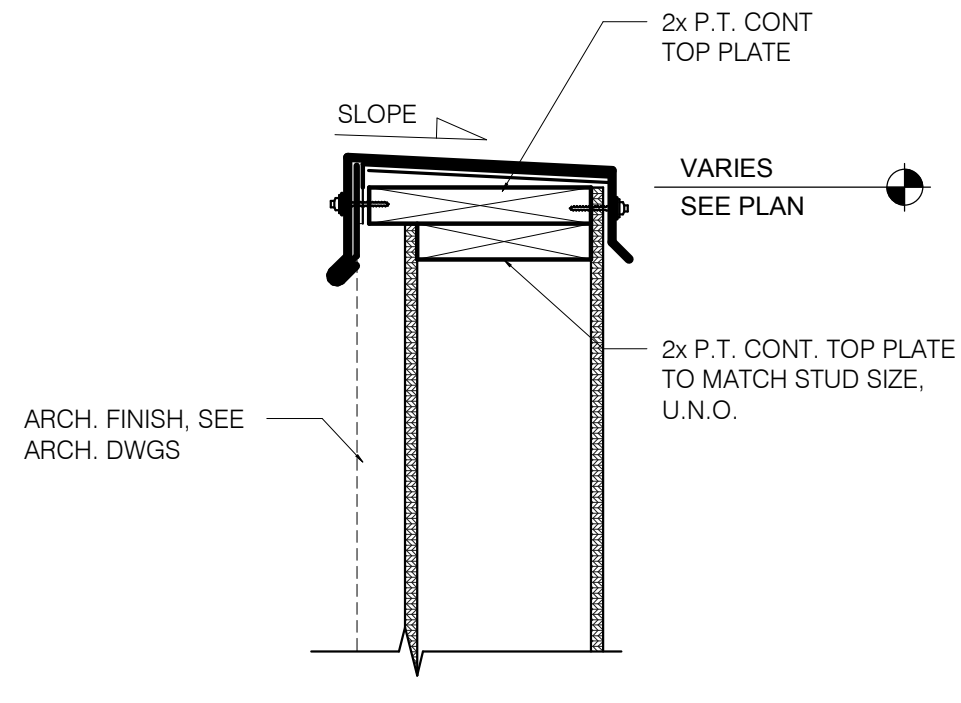
**9**



**SECTION AT COOLER REAR**

1 1/2" = 1'-0"

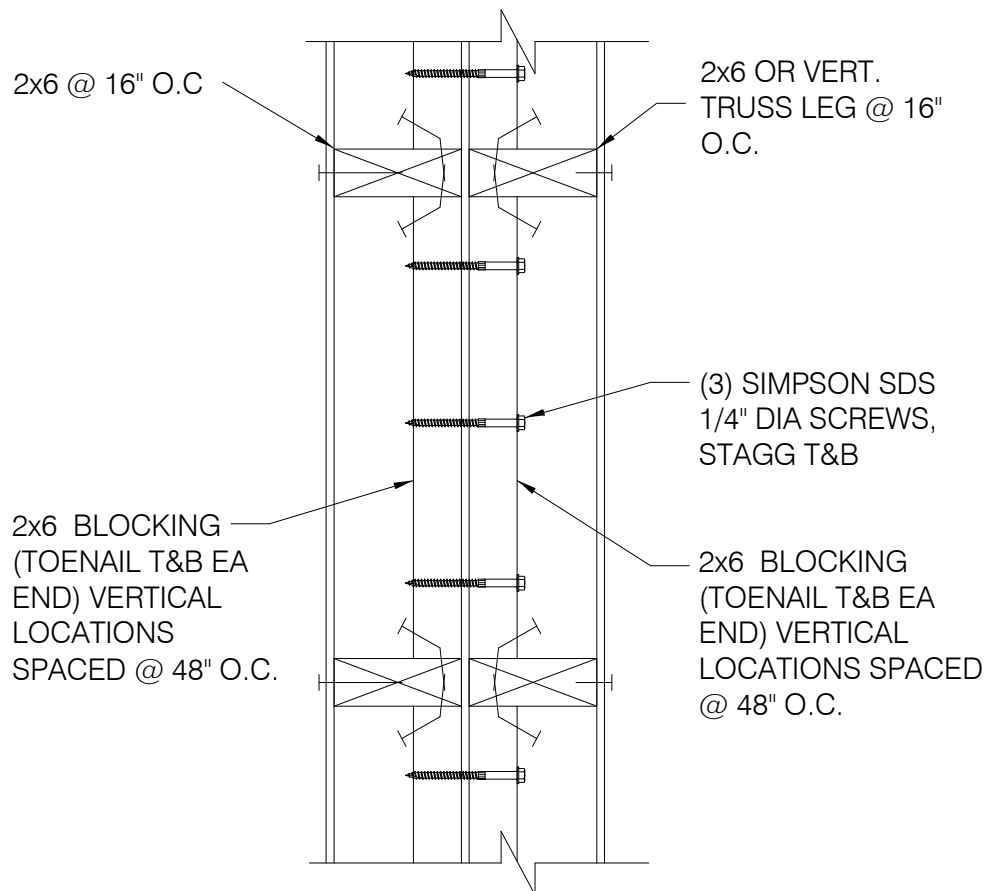
**5**



**TYPICAL PARAPET CAP**

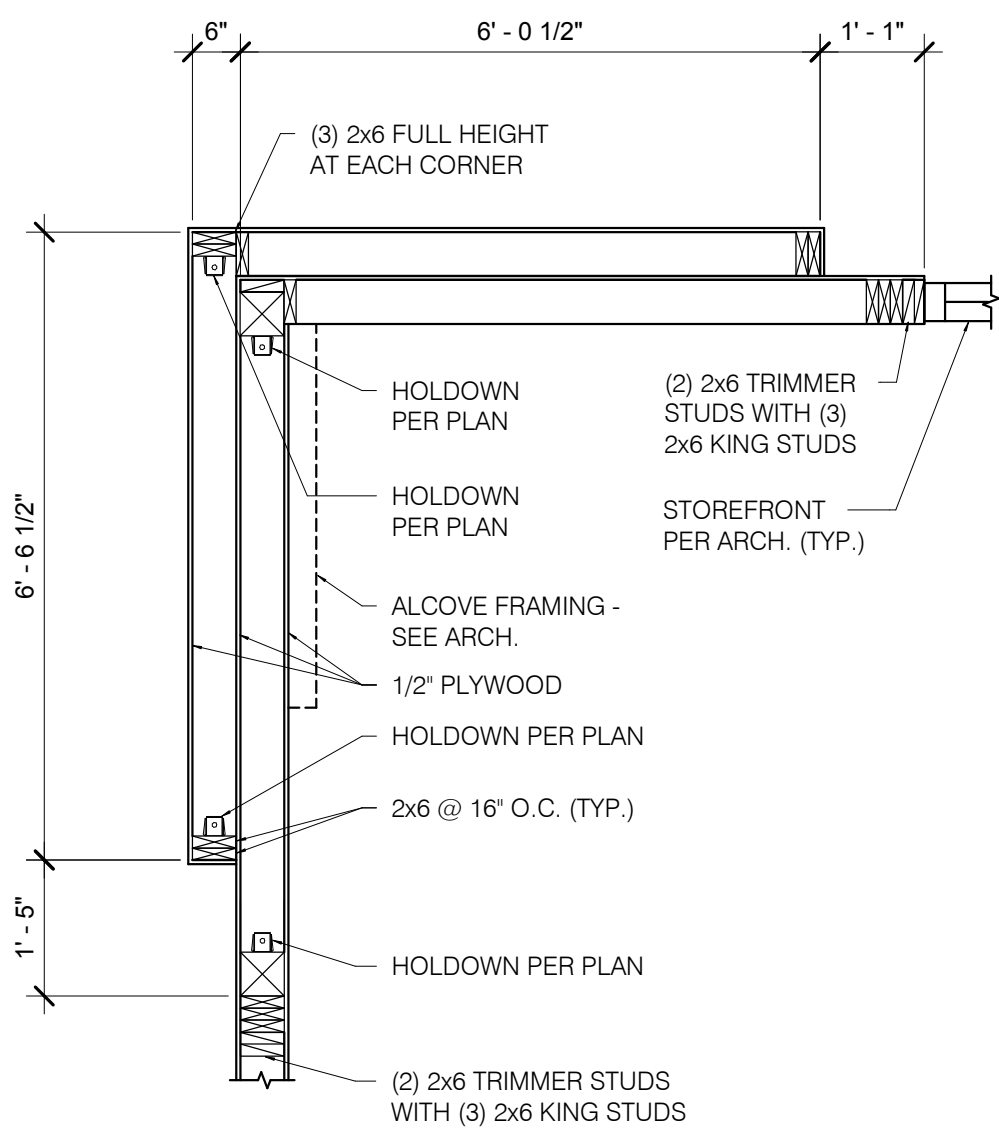
1 1/2" = 1'-0"

**1**



**WALL DETAIL (PLAN VIEW)**

**14**

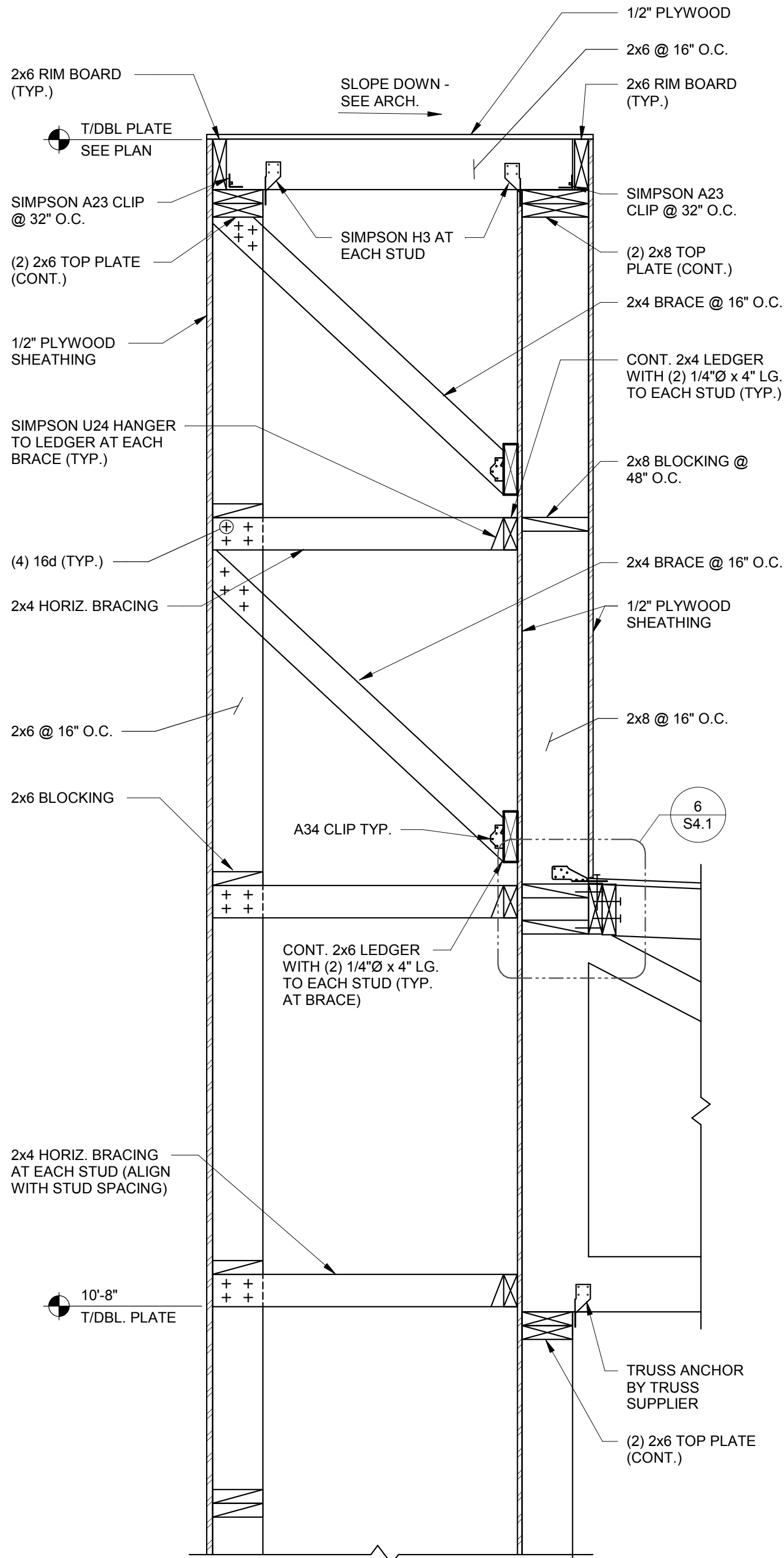


**PLAN VIEW**

**FRONT TOWER FRAMING**

1/2" = 1'-0"

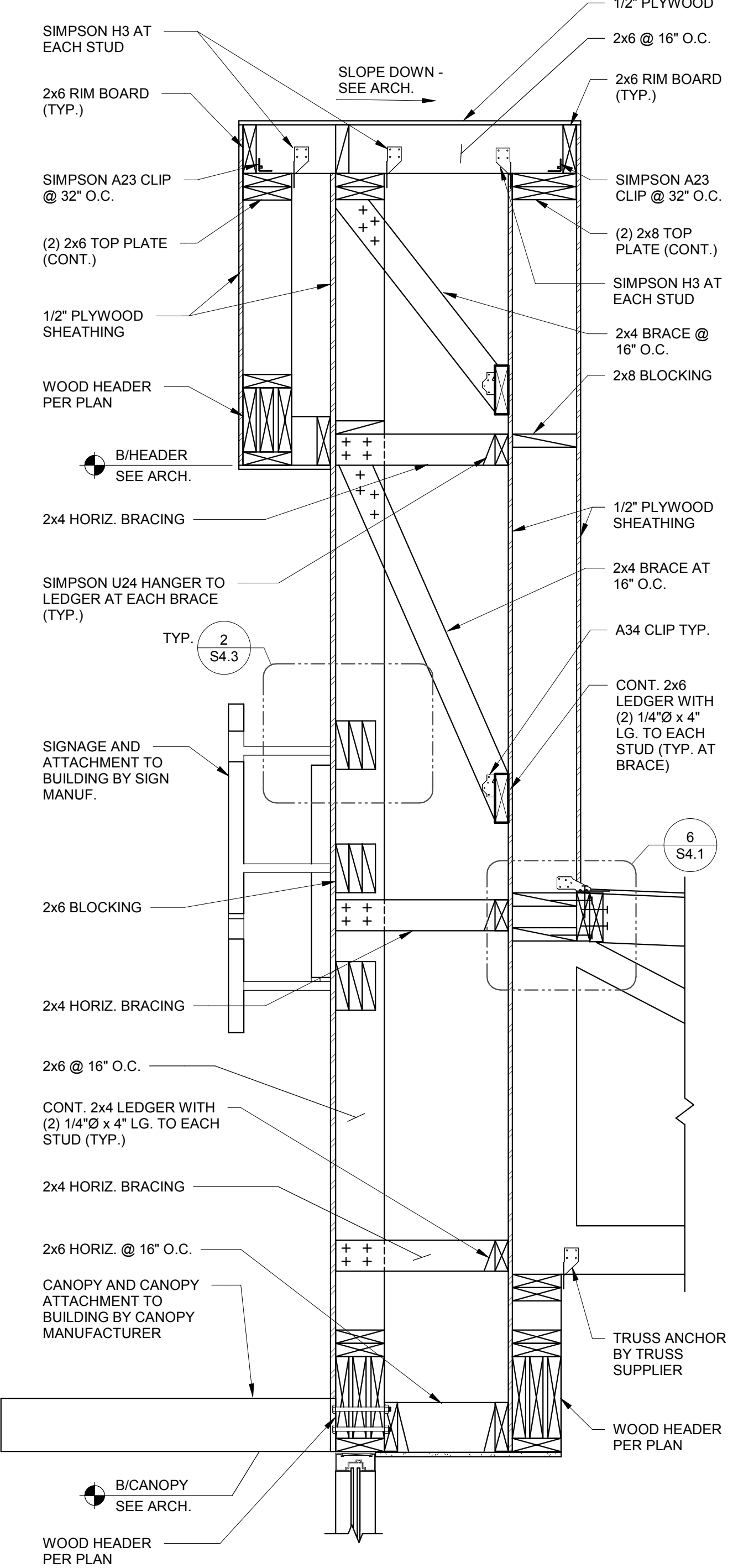
**20**



**SECTION AT SIDE TOWER**

1" = 1'-0"

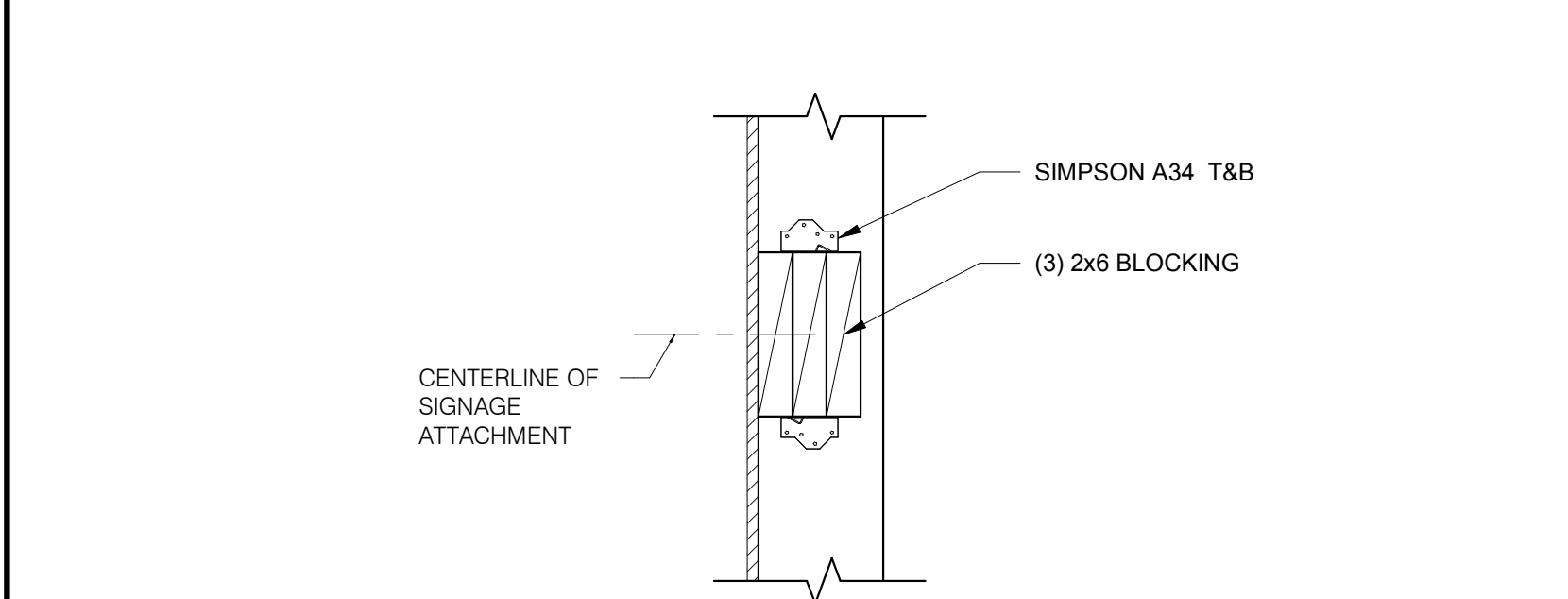
**12**



**SIDE ENTRY TOWER FRAMING**

1" = 1'-0"

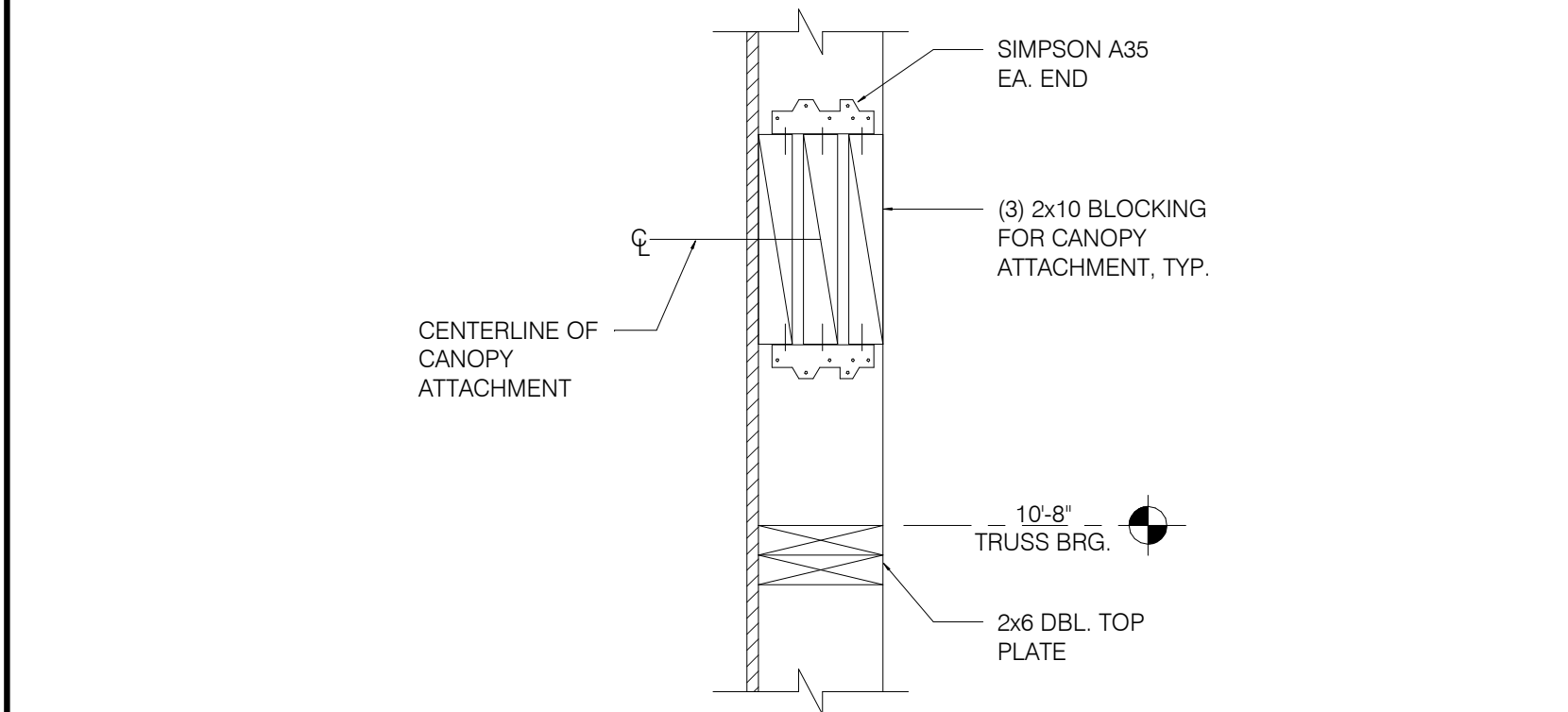
**6**



**SIGNAGE & TOWER PANEL ATTACHMENT BLOCKING DETAIL**

1 1/2" = 1'-0"

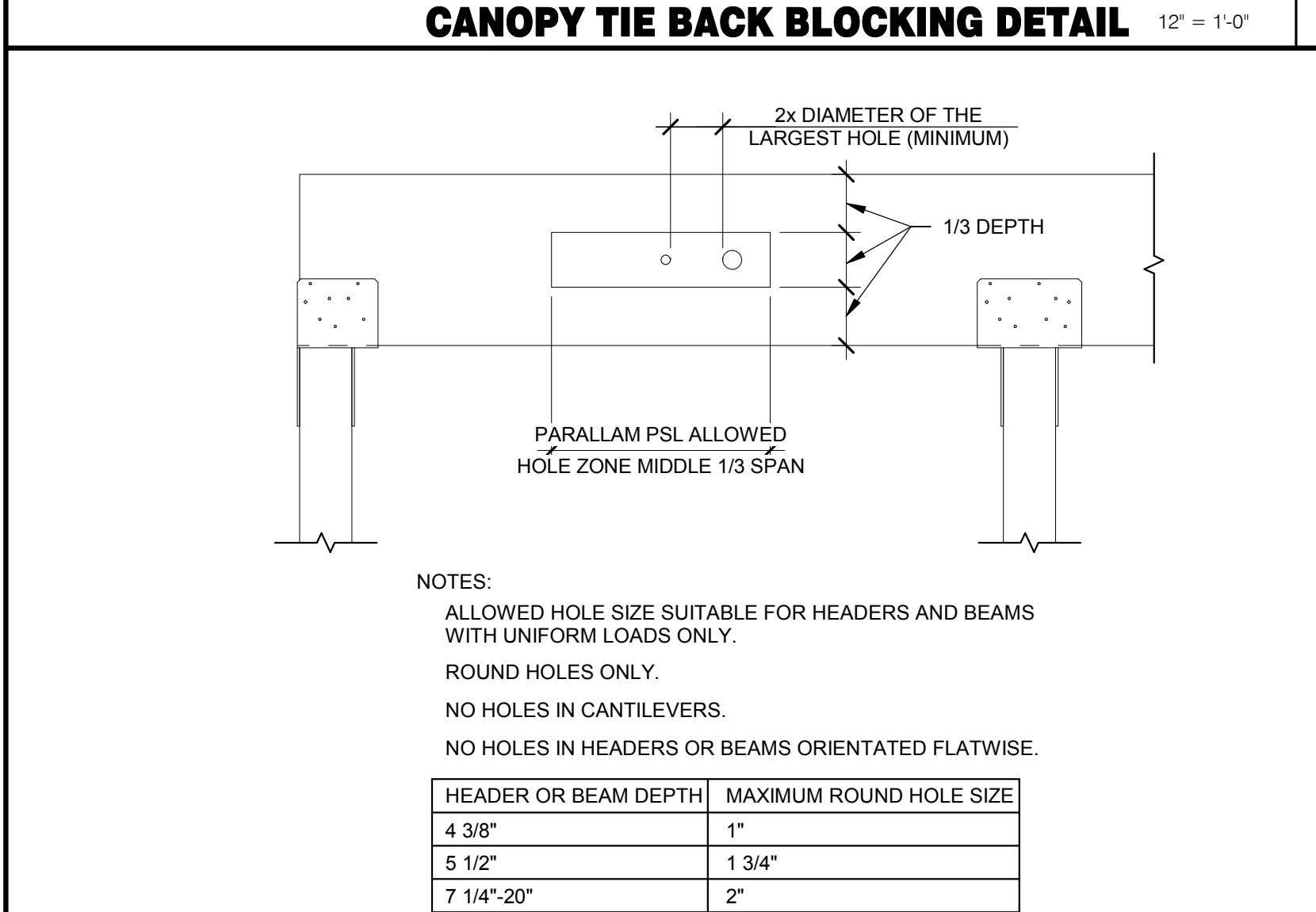
**2**



**CANOPY TIE BACK BLOCKING DETAIL**

12" = 1'-0"

**3**



**PSL BEAM PENETRATION DETAIL**

3/4" = 1'-0"

**4**

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PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

**TACO BELL**

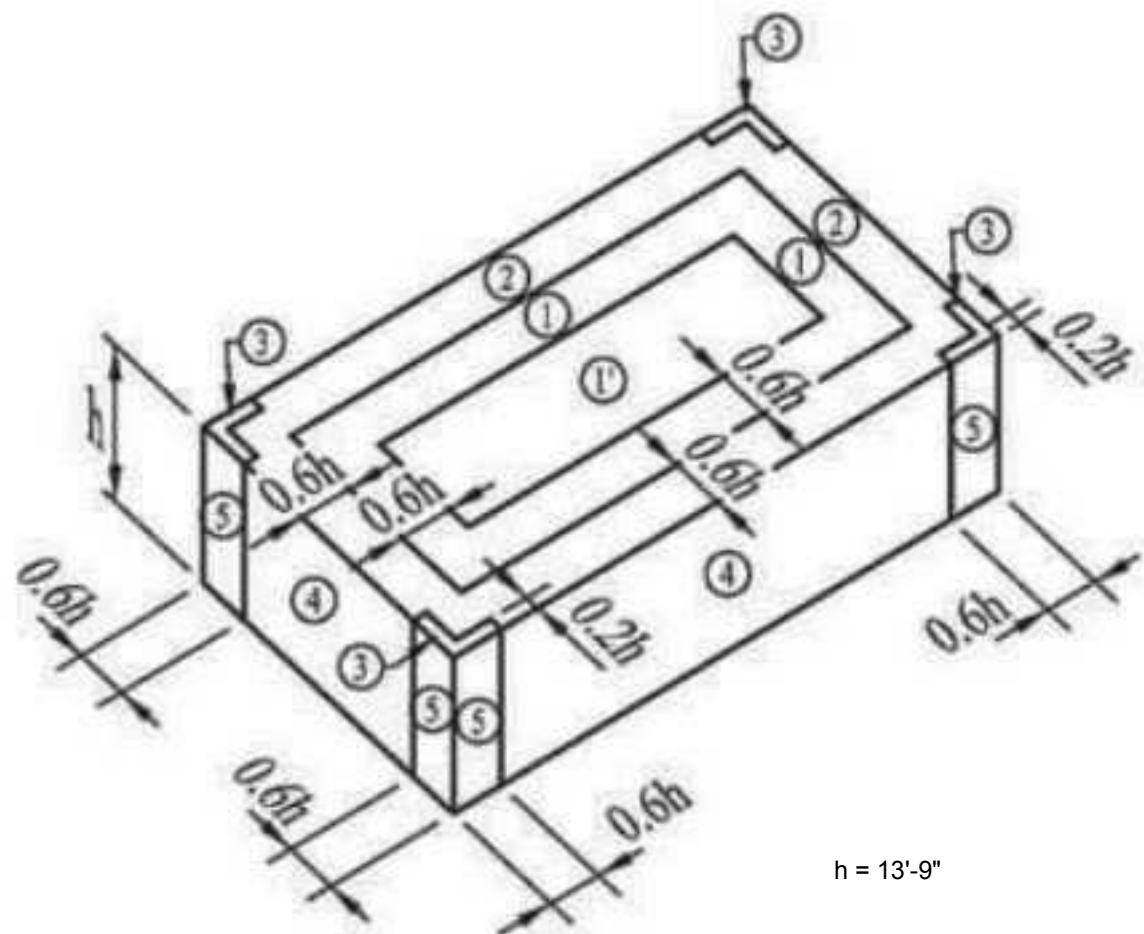
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
STRUCTURAL  
DETAILS**

**S4.3**

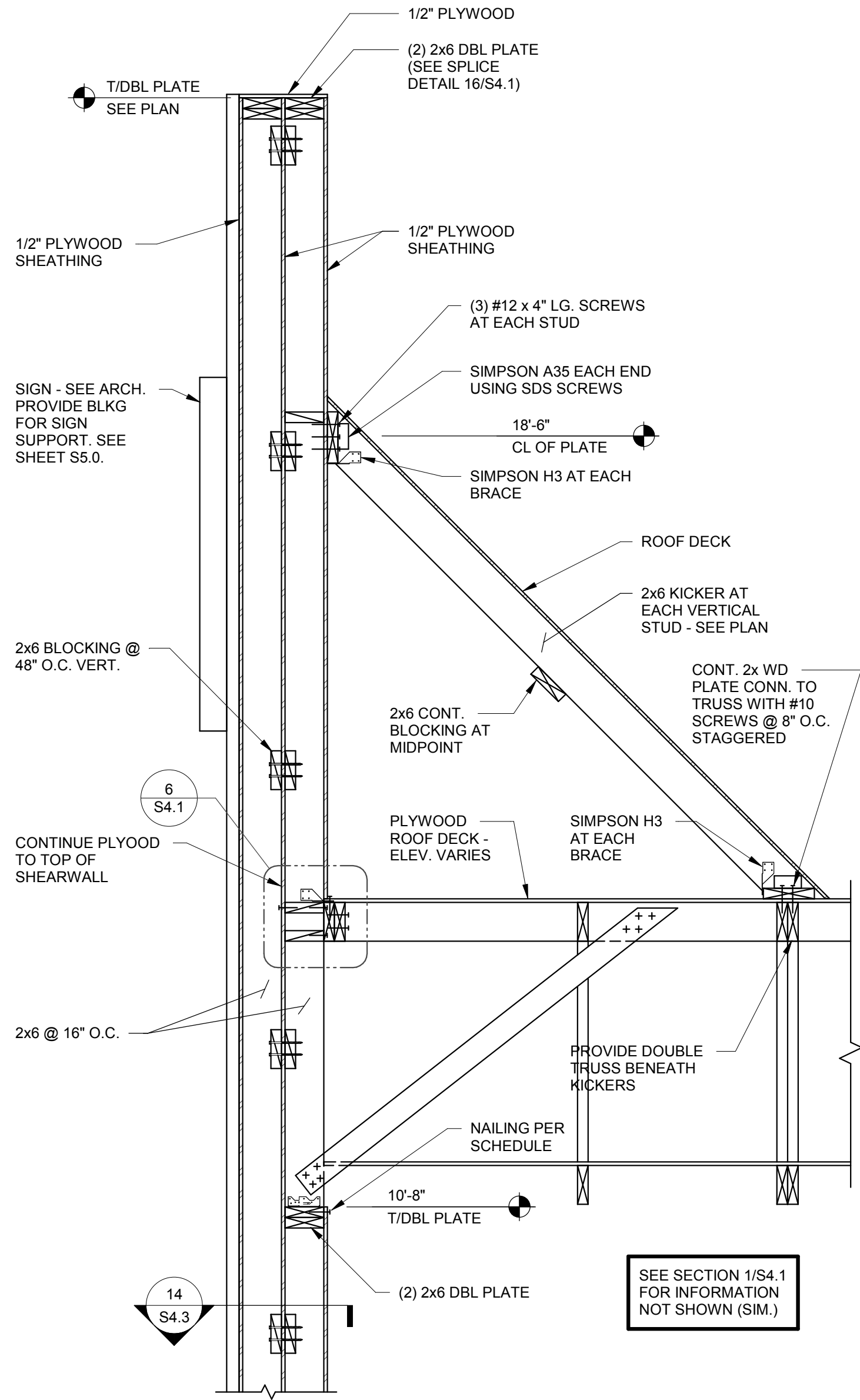
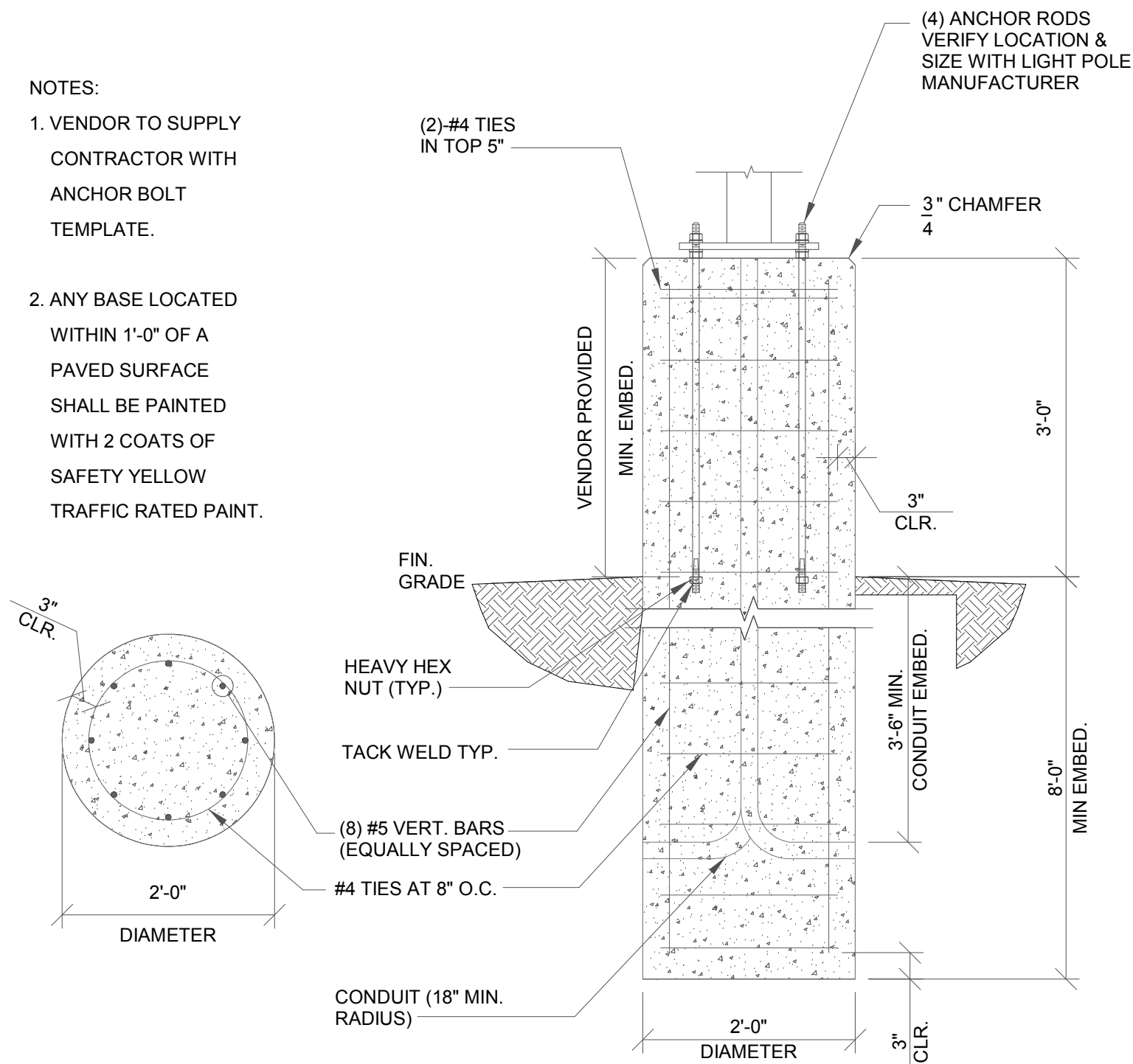
PLT DATE: 3/31/2022 11:43:55 AM



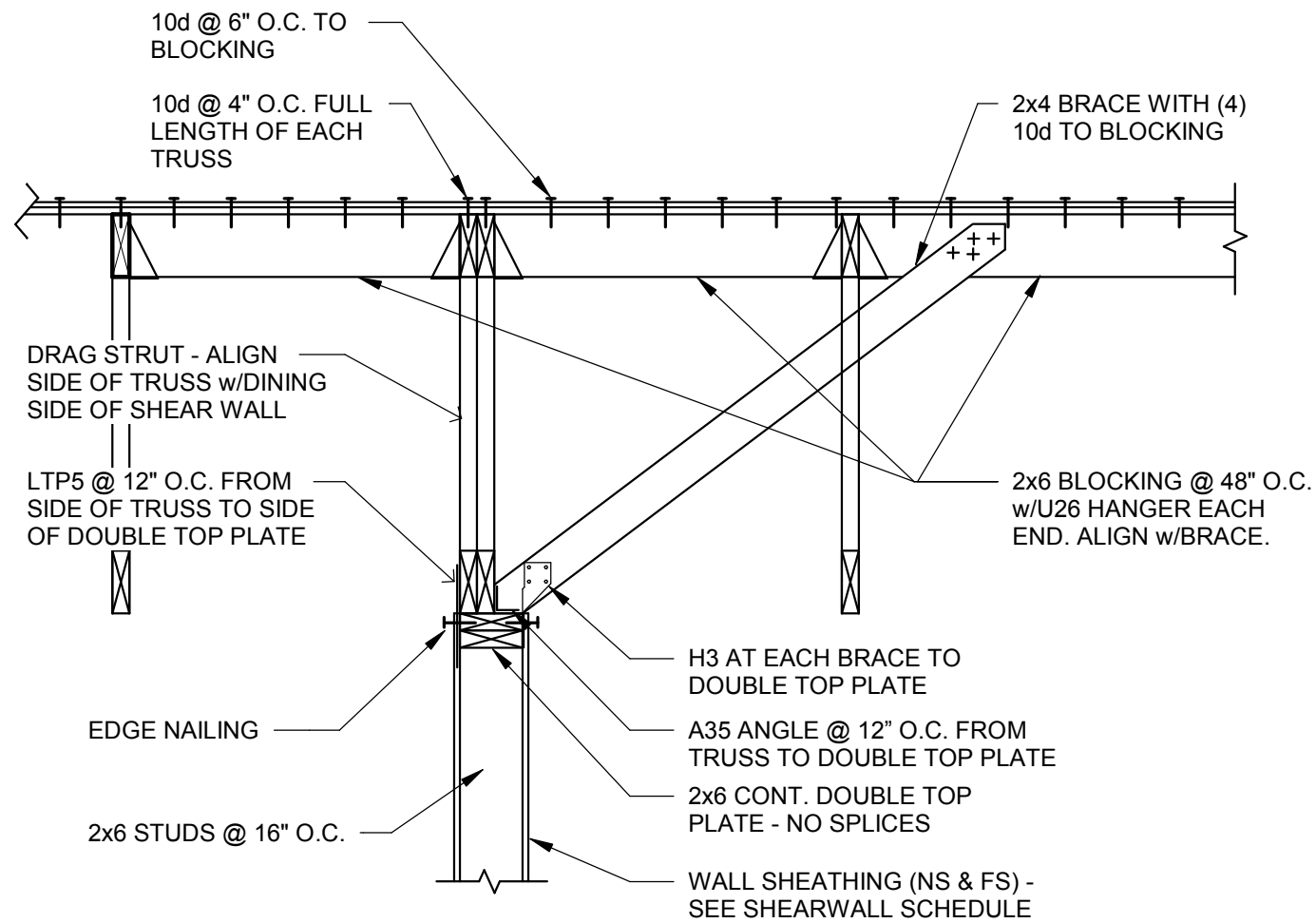
COMPONENT AND CLADDING WIND LOAD SCHEDULE						
ULTIMATE PRESSURES, PSF						
EFFECTIVE WIND AREA (SQ. FT.)	ROOF				WALL	
	CORNER ZONE (PSF) 3	END ZONE (PSF) 2	INTERIOR ZONE (PSF) 1	INTERIOR ZONE (PSF) 1'	END ZONE (PSF) 5	INTERIOR ZONE (PSF) 4
<=10	+16/-69	+16/-51	+16/-39	+16/-22	+24/-33	+24/-27
20	+16/-62	+16/-47	+16/-36	+16/-22	+23/-30	+23/-25
50	+16/-53	+16/-44	+16/-33	+16/-22	+22/-27	+22/-23
100	+16/-47	+16/-40	+16/-30	+16/-22	+21/-25	+21/-23

“+” INDICATES PRESSURE ACTING TOWARD EXTERIOR FACE  
“-” INDICATES PRESSURE ACTING AWAY FROM EXTERIOR FACE

- 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.



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



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

DATE	REMARKS
03.17.22	Issued for RSCS Bid
04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RB  
JOB NO.: 2020088.24

**TACO BELL**

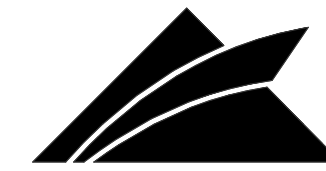
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
STRUCTURAL  
SECTIONS**

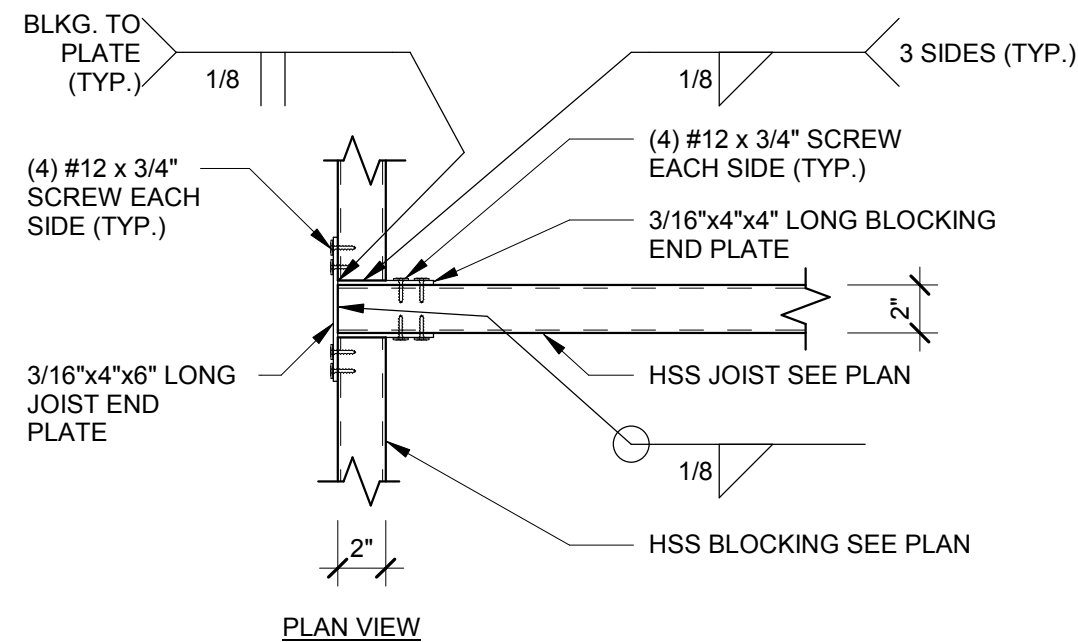
**S4.4**

PLOT DATE: 3/31/2022 11:43:57 AM



**GPD GROUP**  
Professional Corporation

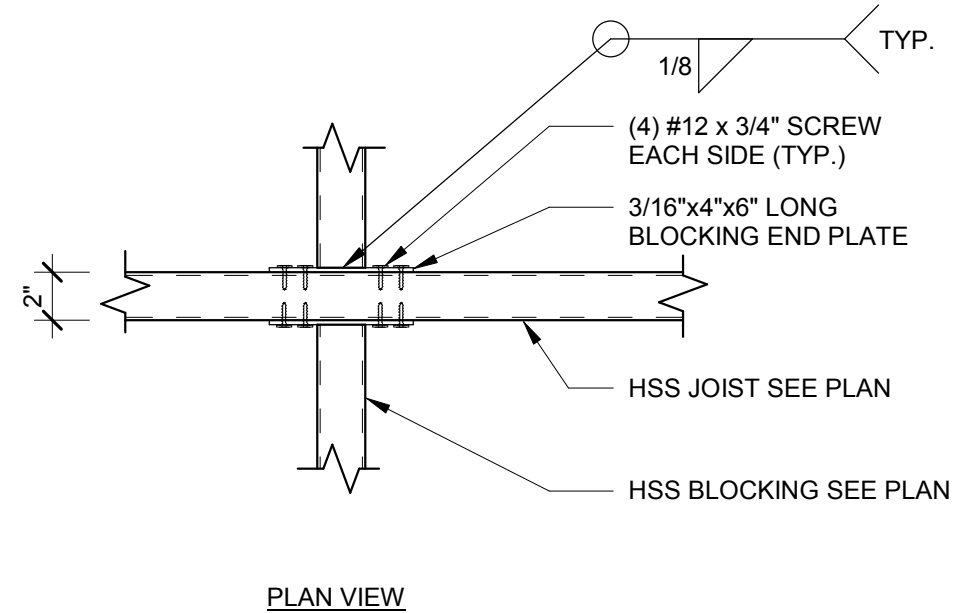
520 S. MAIN STREET, SUIT 253  
AKRON, OH 44311  
330.572.2100 FAX: 330.572.2102



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

## 5 CANOPY FRAMING STEEL NOTES

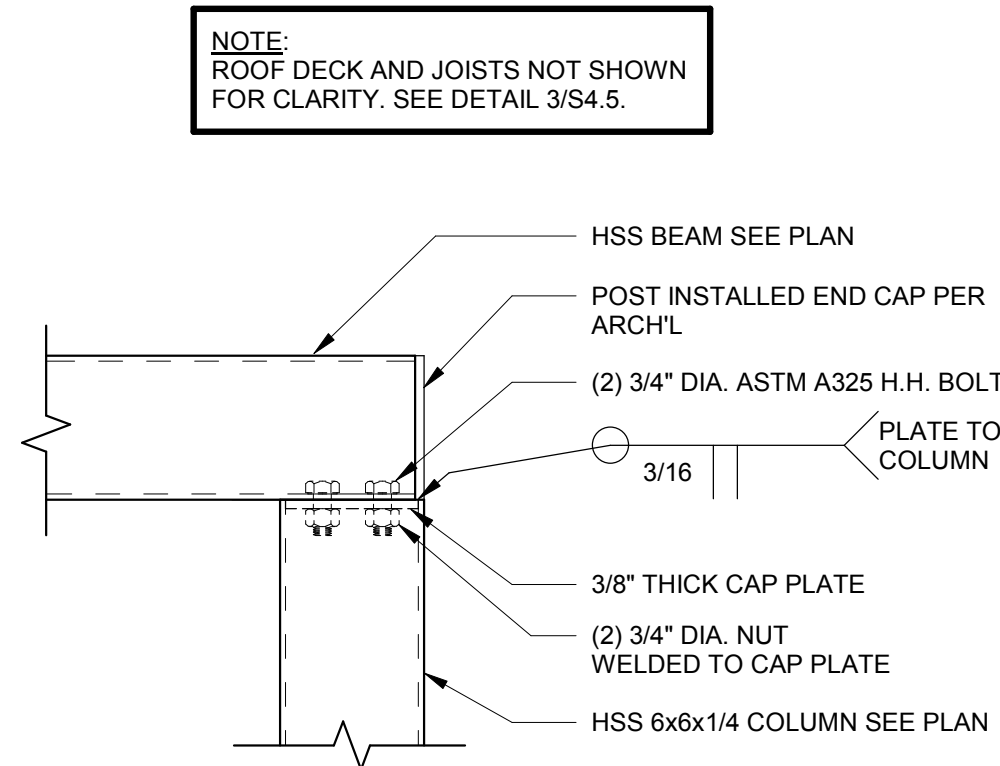
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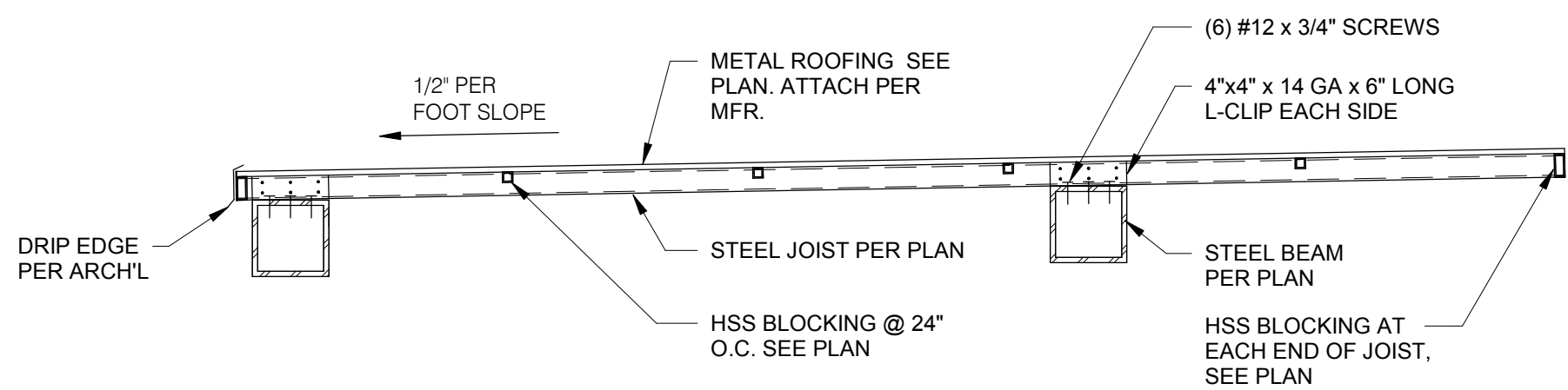
## INTERIOR BLOCKING TO JOIST $1\frac{1}{2}" = 1'-0"$

## CANOPY FRAMING KEYNOTES

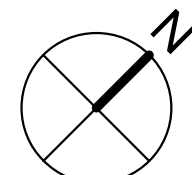
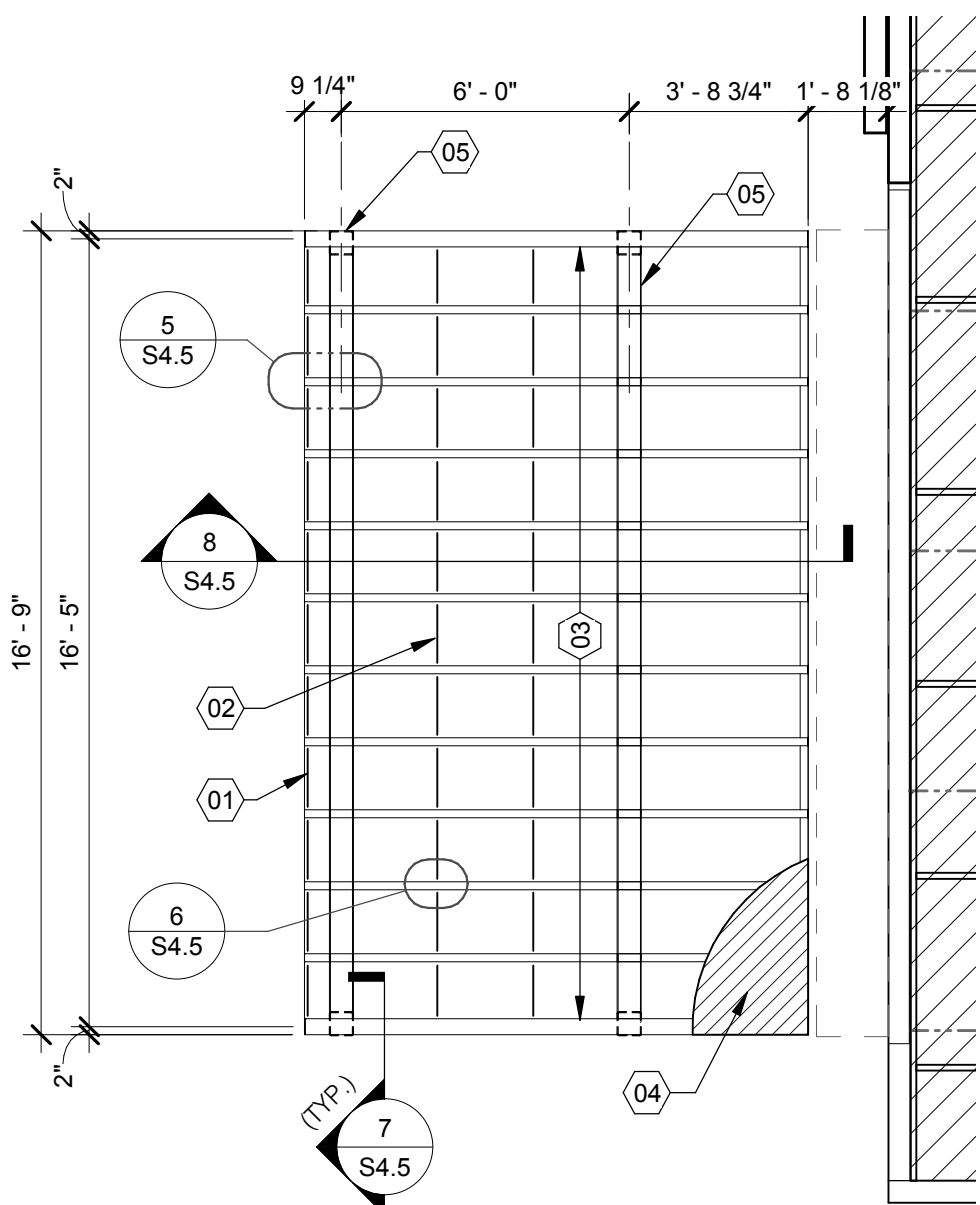
2



**BEAM TO COLUMN**    1 1/2" = 1'-0"



**CANOPY DETAIL** 3/4" = 1'-0"



## CANOPY ROOF FRAMING $1/4" = 1'-0"$

3

	DATE	REMARKS
	03.17.22	Issued for RSCS Bid
	04.01.22	Issued for Bid

CONTRACT DATE:	10.05.2021
BUILDING TYPE:	END. MEDICAL
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	RE
JOB NO.:	2020088.24

TACO BELL

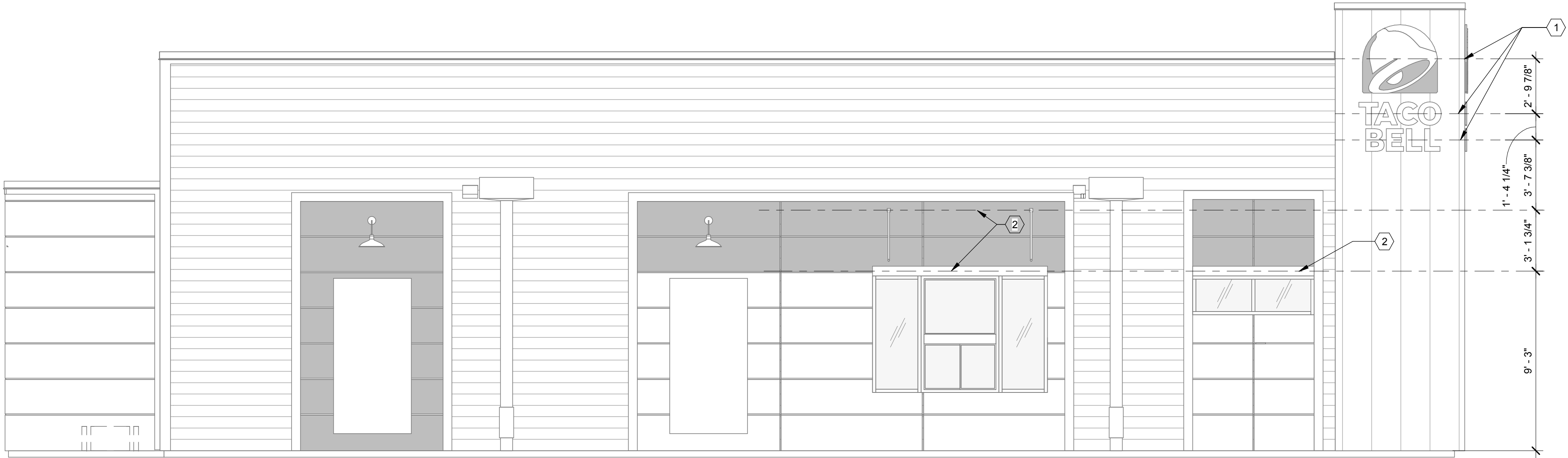
403 E. Main St.  
Cartersville, GA 30121



# ENDEAVOR 2.0 CANOPY PLAN & DETAILS

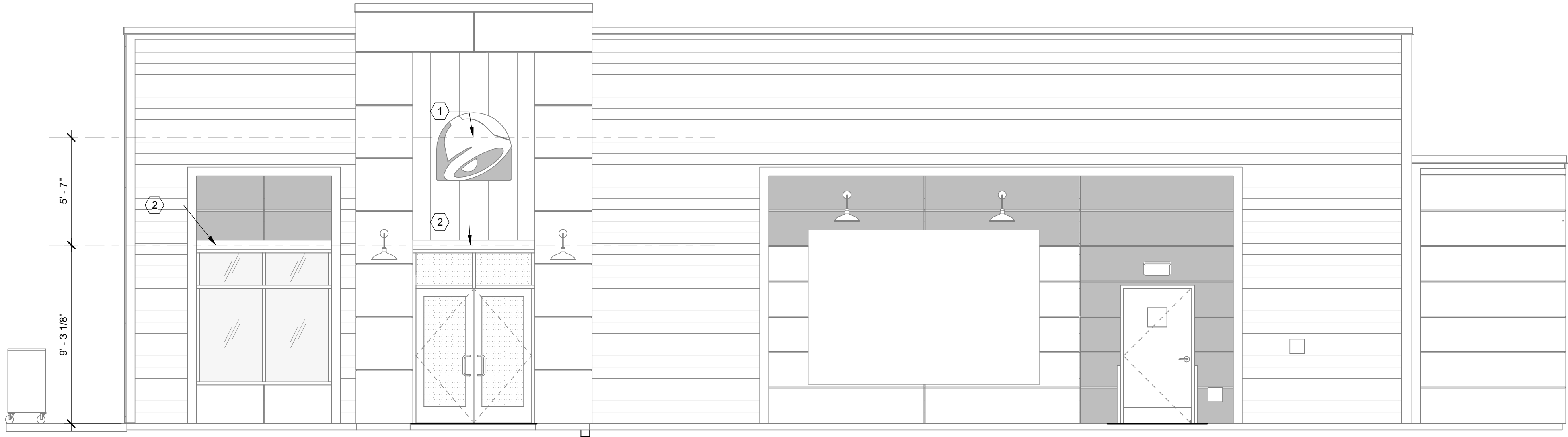
## S4.5

PLOT DATE: 3/31/2022 11:44:01 AM

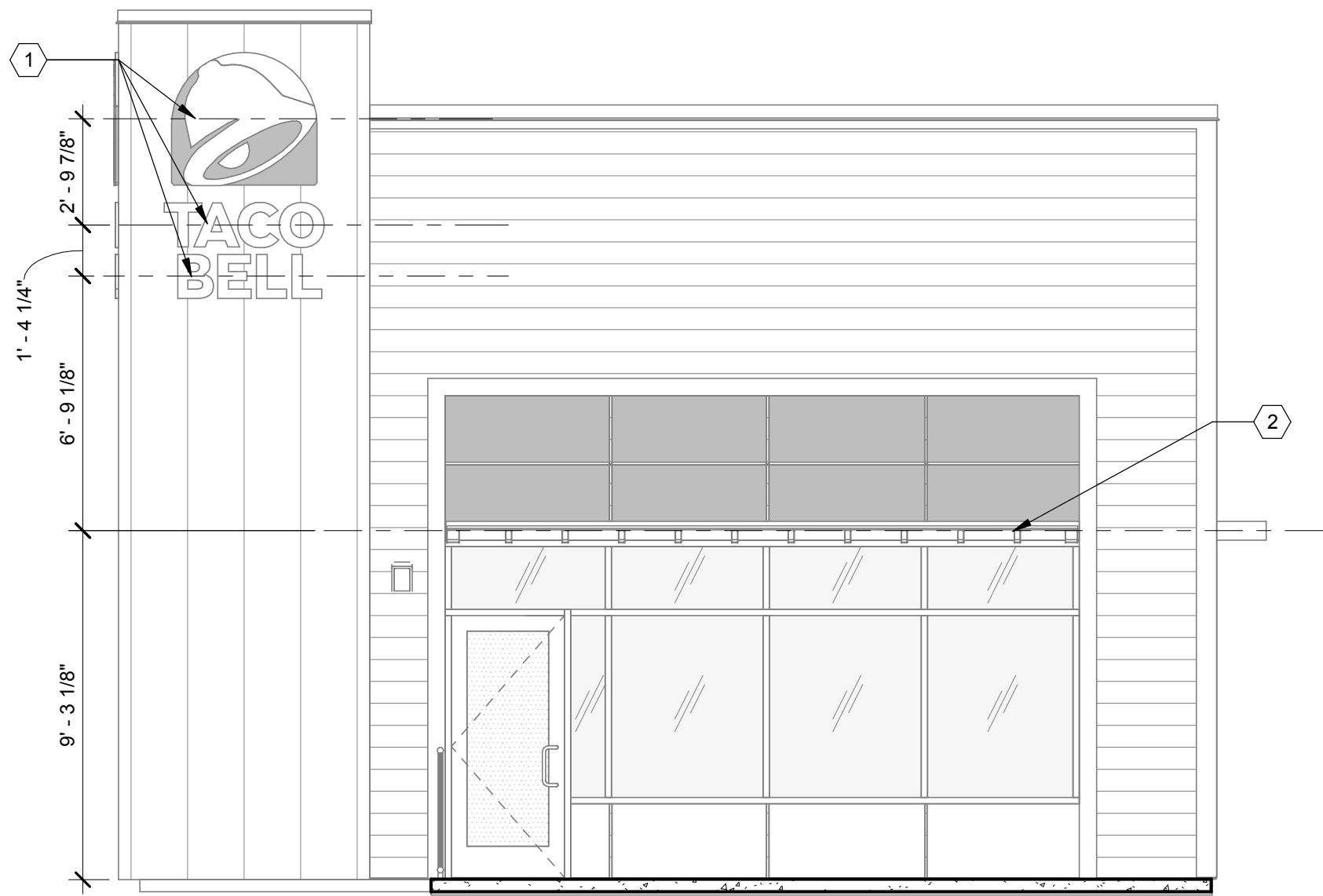


COORDINATE BLOCKING  
REQUIREMENTS WITH  
MANUFACTURER

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



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



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

- 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**

DATE	REMARKS
03.17.22	Issued for RSCS Bid
04.01.22	Issued for Bid

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	RB
JOB NO.:	2020088.24

**TACO BELL**  
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
CANOPY/AWNING  
BLOCKING  
ELEVATIONS**

**S5.0**

PLOT DATE: 3/31/2022 11:44:07 AM

IMPROVEMENT PLANS

# TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120  
NOVEMBER 11, 2021

City of Cartersville Site Plan Approval In accordance to the City of Cartersville Development Regulations and the City's Zoning Ordinance, all requirements of approval have been fulfilled; These Site Plans were given final approval by the following City personnel.	
Electric Department	Date
Fibercomm Department	Date
Fire Department	Date
Gas Department	Date
Planning and Development	Date
Public Works Department	Date
Water & Sewer Department	Date

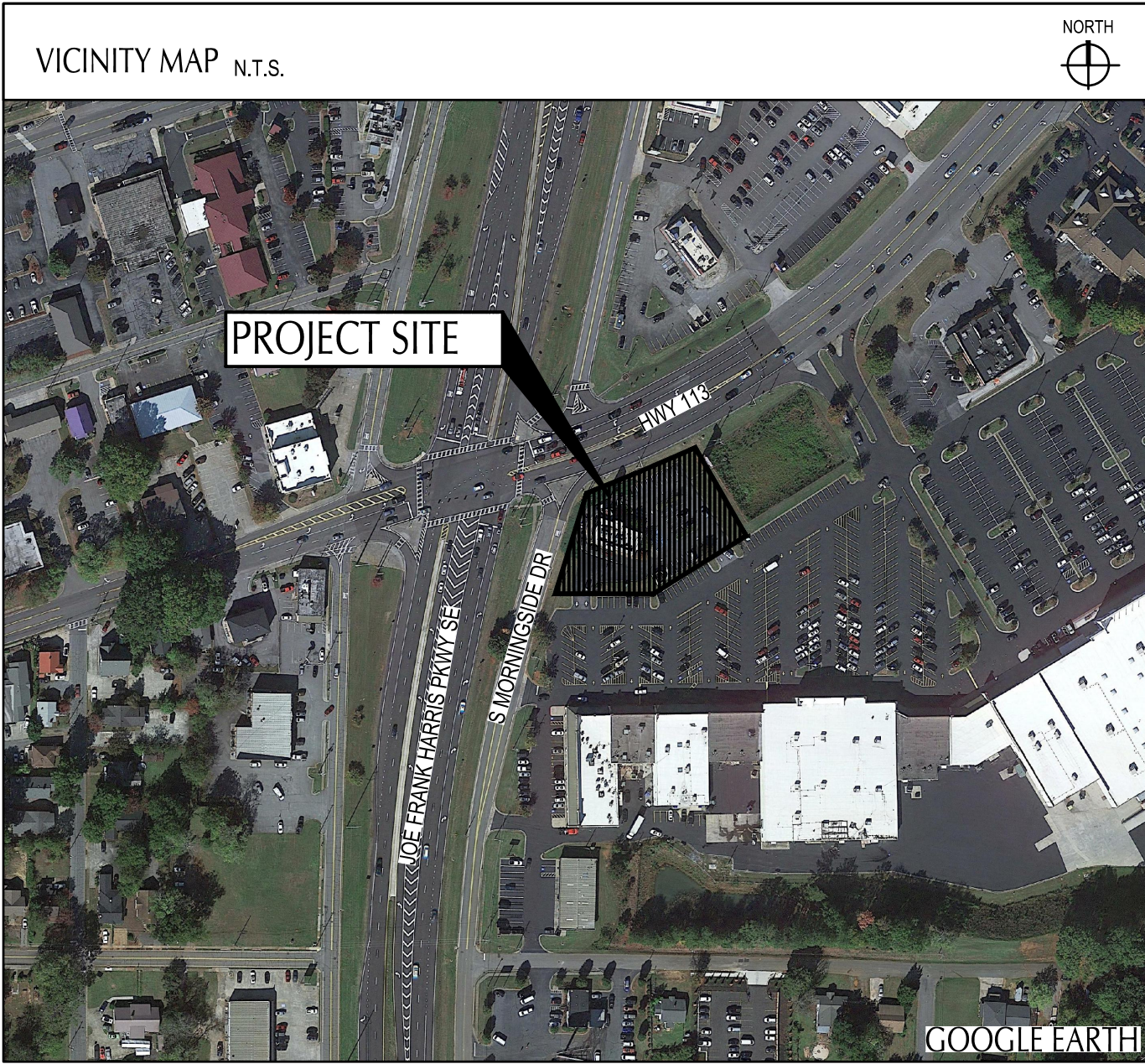
**PROJECT DESCRIPTION**

THE SITE IS HOME TO AN EXISTING TACO BELL RESTAURANT AND ASSOCIATED SITE AMENITIES. THE SCOPE OF WORK IS TO DEMOLISH THE EXISTING TACO BELL, AND ASSOCIATED SITE AMENITIES. ONCE DEMOLITION IS COMPLETE PROPOSED IMPROVEMENTS WILL INCLUDE A NEW TACO BELL RESTURANT ALONG WITH PARKING AREAS, SIDEWALKS, UTILITIES AND AMENITY IMPROVEMENTS.

**GEORGIA SPECIFICATION**

THE STANDARD SPECIFICATIONS OF THE STATE OF GEORGIA, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

**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.



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ALTA	---
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SWPPP DETAILS	C-012
SWPP PLAN	C-013
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GDOT DETAILS	C-506
LANDSCAPE GENERAL NOTES	L-001
LANDSCAPE PLAN	L-101
LANDSCAPE DETAILS	L-501

**GPD GROUP ENGINEER**

GPD GROUP PROFESSIONAL CORPORATION  
520 SOUTH MAIN STREET, SUITE 2531  
AKRON, OH 44311  
CONTACT: JIM NEIDLINGER  
PHONE: 678.781.5070

LAND USE DATA		
	% OF SITE AREA	AREA PROVIDED
PRE-CONSTRUCTION IMPERVIOUS	75%	0.58 AC.
POST-CONSTRUCTION IMPERVIOUS	56%	0.43 AC.

**24-HOUR CONTACT**

CLINT LANGLEY  
LGY DEVELOPMENT  
PHONE: 724.263.7757  
ADDRESS: 104 LISA COURT, McMURRAY, PA 15317  
EMAIL: CLINT.LANGLEY@LGYDEVELOPMENT.COM

**PROJECT NOTES:**

- IT IS THE DEVELOPER'S RESPONSIBILITY TO ADDRESS ANY WETLAND ISSUES TO THE SATISFACTION OF THE U.S ARMY CORPS ENGINEERS.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO ADDRESS ANY ENDANGERED SPECIES ISSUES TO THE SATISFACTION OF THE U.S FISH AND WILDLIFE SERVICE.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO ABIDE BY ALL RULES AND REGULATIONS PERTAINING TO THE STATE OF GEORGIA'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.



DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE: -  
BUILDING TYPE: END20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

**TACO BELL**

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



ENDEAVOR 20  
TITLE SHEET

TS-001

PLOT DATE:

## UTILITY NOTE

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY:

UTILISURVEY, LLC  
1227 NORTH PEACHTREE PARKWAY, STE 178  
PEACHTREE CITY, GA 30269

THE UNDERGROUND UTILITIES (EXCEPT THE LOCATION OF EXISTING DRAINAGE, SEWER AND IRRIGATION UTILITIES AS WELL AS UNDERGROUND STORAGE TANKS) WERE LOCATED BY UTILISURVEY, LLC, UTILIZING RADIO FREQUENCY TECHNIQUE. THIS TECHNIQUE IS CAPABLE OF LOCATING METALLIC UTILITIES AND TRACER WIRES. ANY NON-METALLIC UTILITIES (WITHOUT TRACER WIRE) ARE NOT LOCATED.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT NOT BE SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES IS BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.

## SITE PHOTOGRAPHS



1



2



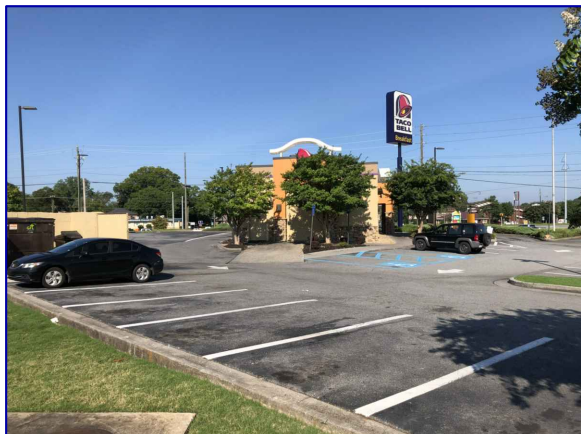
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4



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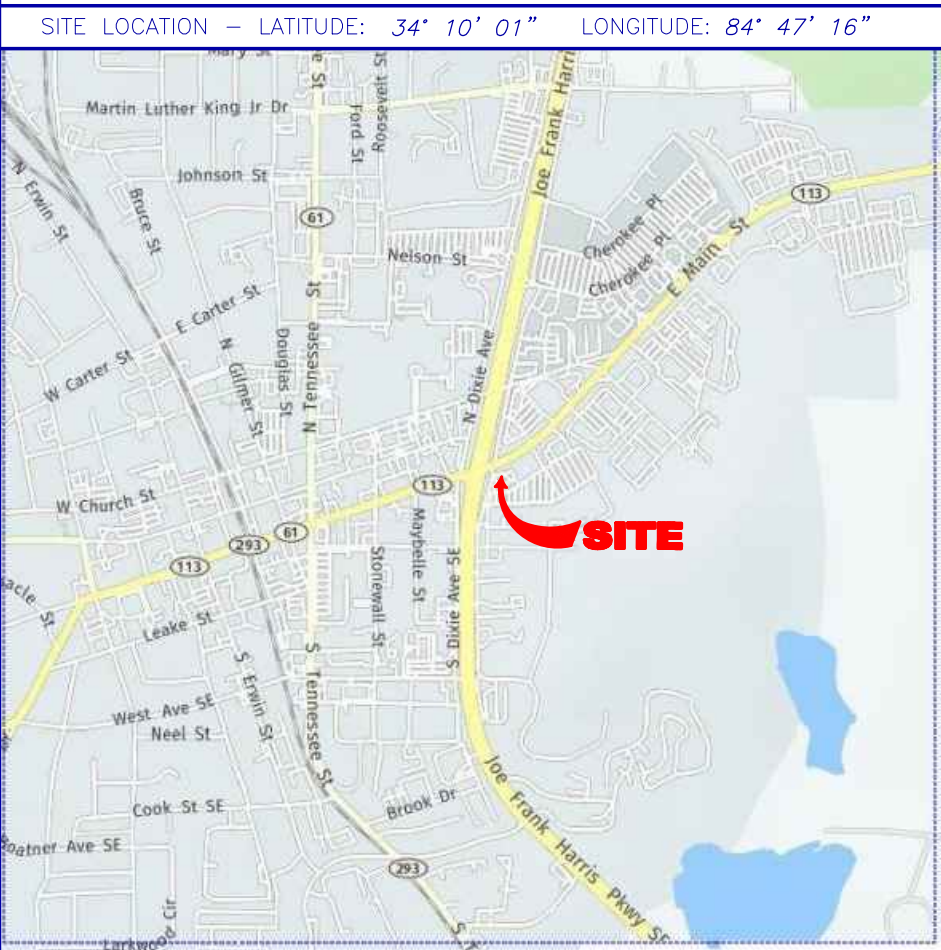
6

## TITLE EXCEPTIONS

THE FOLLOWING EXCEPTIONS ARE LISTED IN EXHIBIT B, OF ATTORNEY'S OPINION OF TITLE, AS PREPARED BY CHICAGO TITLE INSURANCE COMPANY, FILE NO. 200426PC, EFFECTIVE DATE NOVEMBER 20TH, 2020.

- Department of Transportation Right of Way Deed from Cartersville Crossing Associates, Ltd, dated March 12, 1987, filed of record March 12, 1987, as recorded in Deed Book 536, Page 258, Bartow County, Georgia records. AFFECTS SITE AS SHOWN.
- Declaration of Restrictions, Conditions and Easements by Cartersville Crossing Associates, Ltd, dated January 27, 1988, filed of record February 2, 1988, as recorded in Deed Book 565, Page 372, Bartow County, Georgia records. AFFECTS SITE AS SHOWN.
- Declaration of Utilities by Cartersville Crossing Associates, Ltd, dated January 27, 1988, filed of record February 2, 1988, as recorded in Deed Book 565, Page 372, Bartow County, Georgia records. AFFECTS SITE AS SHOWN.
- Declaration of Restrictions by Cartersville Crossing Associates, Ltd, dated June 6, 1988, filed of record July 12, 1988, as recorded in Deed Book 560, Page 552, Bartow County, Georgia records. NOT A SURVEY MATTER.
- Easement Agreement by and among Cartersville Crossing Associates, LLLP, formerly Cartersville Crossing Associates, Ltd and Taco Del Sur, Inc., a Georgia corporation, dated April 10, 2001, filed of record April 11, 2001, as recorded in Deed Book 1392, Page 214, Bartow County, Georgia records. AFFECTS SITE AS SHOWN.

## VICINITY MAP



## GENERAL NOTES

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HEREON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE INSPECTION REPORT. EASEMENTS OR OTHER ENCUMBRANCES MAY EXIST ON PUBLIC RECORD BUT NOT BE SHOWN HEREON.

THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 130150C0266H, AND THE DATE OF SAID MAP IS 10/05/2018. THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.

THE DATUM FOR THIS SITE WAS ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEMS, AND BASED ON POSITIONAL VALUES FOR THE VIRTUAL REFERENCE STATION NETWORK DEVELOPED BY eGPS SOLUTIONS. THE HORIZONTAL REFERENCE FRAME IS NORTH AMERICAN DATUM OF 1983(2011)-STATE PLANE COORDINATE SYSTEM OF GEORGIA-WEST ZONE. THE VERTICAL REFERENCE FRAME IS NORTH AMERICAN VERTICAL DATUM OF 1988. ANY DIRECTIONS OR DIMENSIONS SHOWN ARE A RECTANGULAR, GROUND LEVEL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM.

NO ZONING REPORT OR ZONING LETTER WAS PROVIDED TO THE SURVEYOR. THE SITE IS ZONED "G-C" (GENERAL COMMERCIAL DISTRICT) AS SHOWN ON THE ZONING MAP OF CITY OF CARTERSVILLE ZONING MAP. THE MINIMUM YARD SETBACKS ARE: FRONT - 20 FEET; SIDE - 10 FEET; AND REAR - 20 FEET.

ZONING AND SETBACKS SHOULD BE CONFIRMED AND VERIFIED BY PLANNING AND ZONING PRIOR TO DESIGN OR CONSTRUCTION ACTIVITIES.

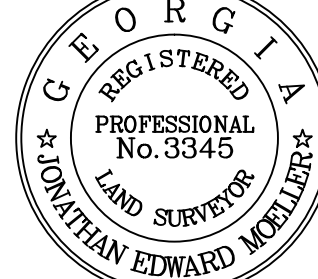
## SURVEY REFERENCES

1) CONSTRUCTION PLAN PROVIDED BY SARAH MCGOWAN, GPD GROUP ARCHITECTS, ENGINEERS, PLANNERS.

## SURVEYOR CERTIFICATION

This plat is a retracement of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, maps, plats, or other instruments which the parcel or parcels are related herein. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in O.C.G.A. Section 15-6-67.

*Jonathan E. Moeller*  
Jonathan E. Moeller  
Georgia Registered  
Land Surveyor # 3345



TOTAL SITE AREA  
0.772 Acres  
33,467 sf  
ZONED G-C

PARKING SUMMARY  
28 REGULAR  
2 HANDICAP  
30 TOTAL

## LEGEND

### STANDARD ABBREVIATIONS

AC AIR CONDITIONER  
BH BORE HOLE  
BSL BUILDING SETBACK LINE  
CI CURB INLET  
CMP CORRUGATED METAL PIPE  
CMF CONCRETE MONUMENT FND  
CO SANITARY CLEANOUT  
CPED COMMUNICATION PEDESTAL  
CTP CRIMPED TOP PIPE  
DI DROP INLET  
DIP DUCTILE IRON PIPE  
DWB DOUBLE WING CATCH BASIN  
FNC FENCE  
FND FOUND  
GM GAS METER  
INV INVERT  
JB JUNCTION BOX  
MH MANHOLE  
OCS OUTLET CONTROL STRUCTURE  
OTP OPEN TOP PIPE  
PM POWER METER  
PKS PK NAIL SET  
PDB POINT OF BEGINNING  
POC POINT OF COMMENCEMENT  
RCP REINFORCED CONCRETE PIPE  
RBR IRON REINFORCING BAR  
RBS 5/8" RBR SET CAPTED LSF 621  
SS SINGLE WING CATCH BASIN  
TRANS ELECTRIC TRANSFORMER

### STANDARD SYMBOLS

OVERHEAD TRAFFIC SIGNAL LIGHT  
POWER POLE  
GUY WIRE  
LIGHT POLE  
ELECTRIC TRANSFORMER  
WATER VAULT  
GAS VALVE  
GAS METER  
WATER VALVE  
WATER METER  
FIRE HYDRANT  
UNDERGROUND ELECTRIC LINE  
UNDERGROUND GAS LINE  
UNDERGROUND COMMUNICATION LINE  
UNDERGROUND WATER LINE  
PHOTO POSITION INDICATOR  
REGULAR PARKING SPACE COUNT  
HANDICAP PARKING SPACE  
TREE POSITION INDICATOR  
SIGN

## CLOSURE STATEMENT

THE FIELD CLOSURE UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 225,453, AND WAS ADJUSTED USING THE LEAST SQUARES METHOD. A TRIMBLE "S" SERIES TOTAL STATION AND TRIMBLE TSC-3 DATA COLLECTOR WERE USED TO COLLECT THIS FIELD DATA.

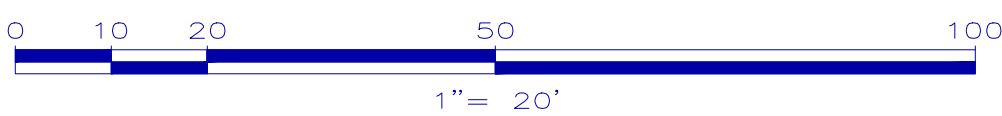
THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND WAS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 160,575 FEET. JEM, INT.

## IF YOU DIG



Know what's below.  
Call before you dig.  
Dial 811  
Or Call 800-282-7411

## GRAPHIC SCALE



GeoSurvey

Land Surveying • 3D Laser Scanning

1660 Barnes Mill Road  
Marietta, Georgia 30062

Phone: (770) 795-9900

Fax: (770) 795-8880

www.geosurvey.com

EMAIL: info@geosurvey.com

Certificate of Authorization #LSF-000621

## BOUNDARY & TOPOGRAPHIC SURVEY

403 EAST MAIN STREET

FOR

TACO BELL OF AMERICA, INC.

GS JOB NO.	20217146-01	DRAWING SCALE:	1"= 20'	SURVEY DATE:	10-5-2021
FIELD WORK:	JM	CITY:	CARTERSVILLE STATE: GA	REVISIONS (SEE GENERAL NOTES)	
PROJ MGR:	JM	COUNTY:	BARTOW	No. Date Description	
REVIEWED:	CAJ	LAND LOT:	457	1 10/13/21 Sewer and water line per Reference 1	
DWG FILE:	20217146-01.dwg	DISTRICT:	4th	SECTION:	3rd
				2 12/28/21 Benchmarks	

## DEMOLITION NOTES

- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY DEMOLITION PROCESS. CERTAIN ACTIVITIES ASSOCIATED WITH CONSTRUCTION WILL REQUIRE AIR PERMITS INCLUDING BUT NOT LIMITED TO: MOBILE CONCRETE BATCH PLANTS, MOBILE ASPHALT PLANTS, CONCRETE CRUSHERS, LARGE GENERATORS, ETC. THESE ACTIVITIES WILL REQUIRE SPECIFIC CURRENT STATES EPA OR LOCAL GOVERNING AUTHORITIES AIR PERMITS FOR INSTALLATION AND OPERATION. CONTRACTORS MUST SEEK AUTHORIZATION FROM THE CORRESPONDING GOVERNING BODIES. FOR DEMOLITION OF ALL COMMERCIAL SITES, A NOTIFICATION FOR RESTORATION AND DEMOLITION MUST BE SUBMITTED TO THE CURRENT STATE'S EPA AND LOCAL GOVERNING AUTHORITIES TO DETERMINE ANY CORRECTIVE ACTIONS THAT MAY BE REQUIRED.
- DEMOLITION INCLUDES THE FOLLOWING:
  - TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).
  - DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS NECESSARY FOR THE PROPOSED CONSTRUCTION OF NEW IMPROVEMENTS.
  - REROUTING, RELOCATING, DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).
- REMOVE AND LEGALLY DISPOSE OF ITEMS CALLED OUT TO BE REMOVED. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. THOSE ITEMS INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN SHALL BE CLEANED, SERVICED, AND OTHERWISE PREPARED FOR REUSE. CONTRACTOR TO STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
- PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING THROUGHOUT CONSTRUCTION. WHEN PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION THROUGHOUT CONSTRUCTION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS. PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.
- CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:
  - DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.
  - DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
  - IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.
- REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION
- MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE THROUGHOUT CONSTRUCTION OPERATIONS.
- DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES. EXCEPT WHEN AUTHORIZED IN WRITING BY OWNERS REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION, PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.
- LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING BY THE UTILITY COMPANY.
- CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA. SAFE PASSAGE INCLUDES THE ERECTION OF TEMPORARY PROTECTION AND/OR BARRICADES AS PER LOCAL GOVERNING AUTHORITIES AND IN ACCORDANCE WITH THE CURRENT ADIA REGULATIONS. USE OF EXPLOSIVES WILL NOT BE PERMITTED.
- CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
- PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED. NO BURNING OF ANY MATERIALS ON SITE SHALL BE PERMITTED.
- IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND THE OWNER.
- SURVEY THE CONDITION OF THE STRUCTURE TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES THROUGHOUT CONSTRUCTION.
- DEMOLISH BUILDING AND STRUCTURAL PADS COMPLETELY AND REMOVE FROM THE SITE. USE METHODS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
  - DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
  - DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.
  - BREAK UP AND REMOVE CONCRETE SLABS ON GRADE.
- BELOW-GRADE DEMOLITION: DEMOLISH FOUNDATION WALLS, PAVEMENTS, AND OTHER BELOW-GRADE DEMOLITION, AS FOLLOWS:
  - COMPLETELY REMOVE BELOW-GRADE DEMOLITION, INCLUDING FOUNDATION WALLS FOOTINGS, KNOWN AND UNKNOWN PAVEMENT SECTIONS INCLUDING UNDERLYING CONCRETE SLABS, AND OTHER BELOW GRADE CONCRETE SLABS FOUND DURING DEMOLITION (INCLUDING ITEMS WHICH MAY NOT BE IDENTIFIED HEREIN).
- FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF BUILDINGS, PAVEMENTS, AND OTHER REMOVED ITEMS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER SOILS REPORT AND ON-SITE GEOTECHNICAL ENGINEER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT GEOTECHNICAL ENGINEER PRIOR TO FILLING ANY AREAS TO OBSERVE FILL PROCEDURES.
- CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.
- CONTRACTOR TO WET SAWCUT EXISTING PAVEMENT TO REMAIN AT NEXT NEAREST JOINT PRIOR TO REMOVALS OF CURB, GUTTER, PAVEMENT, ETC.
- THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WITH SMALL HANDHELD GRINDERS OR SCARIFIERS OR OTHER METHODS, WITH THE APPROVAL OF THE CONSTRUCTION MANAGER. TAKE CARE DURING MARKING REMOVAL NOT TO SCAR, DISCOLOR, OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVERPAINT OR USE OTHER METHODS OF COVERING MARKINGS INSTEAD OF REMOVAL.
- WHEN NOTED AND ALLOWED BY THE OWNER, THE CONTRACTOR MAY RE-USE EXISTING WHEELSTOPS FOR THE PROPOSED SITE. CONTRACTOR AND CONSTRUCTION MANAGER SHALL COORDINATE WHICH EXISTING WHEELSTOPS MAY BE RE-USED PRIOR TO DEMOLITION. CONTRACTOR SHALL ENSURE THAT ALL RE-USED WHEELSTOPS ARE PROTECTED DURING CONSTRUCTION.
- IF UNDERGROUND TANKAGE IS CALLED FOR DEMOLITION, THE CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT WITH THE STATE BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS (BUSTR). UNDERGROUND TANK REMOVAL SHALL ALSO INCLUDE THE REMOVAL OF ANY MONITORING WELLS, OIL/GAS WELLS, AND MINE SHAFTS, IN ACCORDANCE WITH GOVERNING AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL FULLY SECURE WORK AREA WITH THE APPROPRIATE SIGNAGE, FENCING, AND BARRICADES WHICH ACCOMMODATE VISUALLY IMPAIRED PERSONS AS AGREED UPON WITH SITE CONSTRUCTION/PROJECT MANAGER AND OWNER TO WARN AND KEEP PEOPLE OUT OF THE SITE WORK AREA FOR THE DURATION OF THE PROJECT.

## GENERAL PLAN AND SURVEY NOTES

- PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTES ENTITLED "GRADING PLAN NOTES" FOR DEFINITIONS AS MAY BE NECESSARY FOR "GEOTECHNICAL ENGINEER" AND "SOILS REPORT".
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION/PROJECT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT AND PLANS, ETC.
- THE CONTRACTOR SHALL, UPON BECOMING AWARE OF SUBSURFACE OR LATENT PHYSICAL CONDITIONS DIFFERING FROM THOSE DISCLOSED BY THE ORIGINAL SOIL EXPLORATION WORK, PROMPTLY NOTIFY THE OWNER VERBALLY TO PERMIT VERIFICATION OF THE CONDITIONS AND IN WRITING, AS TO THE NATURE OF THE DIFFERING CONDITIONS. NO CLAIM BY THE CONTRACTOR FOR ANY CONDITIONS DIFFERING FROM THOSE ANTICIPATED IN THE PLAN AND SPECIFICATIONS AND DISCLOSED BY THE SOIL STUDIES WILL BE ALLOWED UNLESS THE CONTRACTOR HAS SO NOTIFIED THE OWNER, VERBALLY AND IN WRITING AS REQUIRED ABOVE, OF SUCH DIFFERING CONDITIONS.
- ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS.
- CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNERS REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL AT ALL TIMES ENSURE THAT SWPP MEASURES PROTECTING EXISTING DRAINAGE FACILITIES BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PHASE OF THE SITE CONSTRUCTION OR LAND ALTERATION. (SEE SWPP PLANS).
- ALL WORK SHALL BE COMPLETED IN A NEAT AND ORDERLY MANNER REMOVING ALL EXCESS MATERIAL AND WASTE FROM THE SITE INCLUDING TIMELY REMOVAL OF ANY CONCRETE SPLATTER. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE (SEE SWPP PLANS).
- THESE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTUAL RELATIONSHIP BETWEEN GPD GROUP, PROFESSIONAL CORPORATION AND THE CONTRACTOR / SUBCONTRACTOR / OR OTHER AFFILIATED PARTIES.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY, MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONSTRUCTION BY THE CONTRACTOR OR SUBCONTRACTORS. ANY SEQUENCING OR SUGGESTED NOTATIONS WHICH MAY APPEAR IN THE PLANS IS INTENDED TO ASSIST IN THE UNDERSTANDING OF PROJECT INTENT.
- DETAILS, NOTES, AND OTHER REFERENCES CONTAIN HEREIN MAY HAVE BEEN ATTAINED FROM OUTSIDE REFERENCE SOURCE LOCATIONS SUCH AS, BUT NOT LIMITED TO, LOCAL AUTHORITY AGENCIES, DESIGN REFERENCE MANUALS, MANUFACTURER'S RECOMMENDED DOCUMENTATION, OR OTHER INDUSTRY SOURCES. GPD DOES NOT WARRANT INFORMATION OR REPRESENTATION OF SAID CONTENT CONTAINED HEREIN. IT IS SHOWN SOLELY FOR REFERENCE ONLY OF DESIGN INTENT AT THE TIME OF PLAN PREPARATION. THE CONSTRUCTION TEAM MEMBERS (CONTRACTOR AND CONSTRUCTION MANAGER, WHERE APPLICABLE) SHALL OBTAIN THE MOST CURRENT DETAILED INFORMATION FROM THE RESPECTIVE SOURCE TO CONSTRUCT THE IMPROVEMENTS UNDER THE AUTHORITY OF THE RESPECTIVE GOVERNING AGENCIES. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN THE ORIGINAL DESIGN INTENT AND THE CONSTRUCTION TEAM OBTAINED REFERENCE MATERIAL, THE CONSTRUCTION MANAGER OR THE PROJECT'S CONTACT PERSON SHALL BE NOTIFIED PRIOR TO COMMENCING OF ASSOCIATED WORK.
- CONDUCT CONSTRUCTION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS.
- THE A.L.T.A. SURVEY BY GEOSURVEY, DATED 10-05-2021 SHALL BE CONSIDERED A PART OF THESE PLANS. THE G.C. IS RESPONSIBLE FOR LOCATING IMPROVEMENTS PER THESE PLANS.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BASED ON GENERAL FIELD SURVEYS, OWNER RECORDS, AND COUNTY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO BECOME FAMILIAR WITH THE SITE'S POSSIBLE BELOW GRADE FEATURES, INCLUDING BUT NOT LIMITED TO, ROOMS, VAULTS, UTILITIES, ETC. AND SHALL CONDUCT A WALK THROUGH WITH THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR REPAIR TO DAMAGE CAUSED BY THEIR WORK FORCE TO FACILITIES WHICH ARE NOT INTENDED TO BE DISTURBED.
- ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON THE SURVEY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- IN SOME CASES, THE DEVELOPER OR OWNER MAY HAVE PROVIDED THEIR OVERALL DEVELOPMENT PLANS FOR THE PROJECT DESIGN RATHER THAN A FIELD SURVEY. (SEE SITE PLAN FOR NOTES WHEN THIS IS THE CASE). ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON SAID DEVELOPMENT PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH THE REFERENCED PROJECT CONTROL DATUM TO CONFIRM GEOMETRIC DATA. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

## CONCRETE NOTES AND SPECIFICATIONS

- ALL EXTERIOR SITE SPECIFIC PORTLAND CEMENT CONCRETE (PCC) (I.E. SIDEWALK, PAVEMENT OR CURBING) SHALL MEET THE MINIMUM REQUIREMENTS OF THE LATEST EDITIONS OF THE STATE DEPARTMENT OF TRANSPORTATION (DOT) AND THE AMERICAN CONCRETE INSTITUTE (ACI) SPECIFICATIONS USING THE RESPECTIVE ASTM STANDARDS FOR MATERIALS USED, MIXING, TRANSPORTATION, FORMING, PLACEMENT, CURING, AND SEALING. THE MINIMUM STRENGTH FOR NORMAL WEIGHT CONCRETE IS 4000 PSI AT 28 DAY STRENGTH. CONTRACTOR SHALL REFER TO DETAILS, NOTES, AND SPECIFICATIONS WITHIN THE CONSTRUCTION DOCUMENTS FOR VARIATIONS TO THIS SPECIFICATION. MIX DESIGN SHOP DRAWINGS SHALL BE TAILORED TO THE ACTUAL FIELD PLACEMENT CONDITIONS AND BE SUBMITTED TO THE CONSTRUCTION/PROJECT MANAGER IN ACCORDANCE WITH THE PROJECT REQUIREMENTS.

SLAB THICKNESS - "T"	MAXIMUM JOINT SPACING
LESS THAN 4 INCHES	8 FEET
4 - < 5 INCHES	10 FEET
5 - < 6 INCHES	12.5 FEET
6 INCHES - < 8 INCHES	15 FEET
8 INCHES - 10 INCHES	15 FEET
- ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER ACI 330. CURB JOINTS ARE TO ALIGN WITH CONCRETE PAVEMENT JOINTS WHERE APPLICABLE, TYPICALLY BEING 10 FT TO 12 FT. ALL EXTERIOR VEHICULAR CONCRETE PAVEMENT AND FLATWORK SHALL HAVE CONTROL JOINTS PER TABLE BELOW AND EXPANSION JOINTS PER ACI 330 TYPICAL RECOMMENDATIONS.

SLAB THICKNESS - "T"	MAXIMUM JOINT SPACING
LESS THAN 4 INCHES	8 FEET
4 - < 5 INCHES	10 FEET
5 - < 6 INCHES	12.5 FEET
6 INCHES - < 8 INCHES	15 FEET
8 INCHES - 10 INCHES	15 FEET
- ALL JOINTS, INCLUDING SAWED JOINTS, SHALL BE SEALED. JOINTS SHALL BE CLEANED AND DRIED PRIOR TO SEALING. JOINT SEALING MATERIALS SHALL COMPLY WITH ASTM D 3406 FOR HOT APPLIED ELASTOMERIC, TT-S-001543A FOR SILICONE RUBBER, AND TT-S-00230S FOR SINGLE COMPONENT ELASTOMERIC. SEALER WIDTH, DEPTH, AND PREPARED APPLICATION SURFACES SHALL BE PER MANUFACTURERS RECOMMENDATIONS. JOINT FILLER MATERIAL SHALL CONFORM TO ASTM D1751 OR ASTM D8139 AND EXTEND THE FULL DEPTH OF CONTACTING SURFACE.
- ALL CONCRETE PANELS SHALL BE SQUARE WITH A LENGTH TO WIDTH RATIO NO GREATER THAN 1.25 TO 1 AND HAVE A MEDIUM BROOM FINISH (TRANSVERSE, SLIP RESISTANT FOR PEDESTRIAN PATHWAYS) WHICH SHALL BE TO MINIMUM STRENGTH PRIOR TO OPENING FOR VEHICULAR TRAFFIC AREAS. STAGGERED/OFFSET JOINT, INTERIOR CORNERS, ANGLES LESS THAN 60 DEGREES, SLABS LESS THAN 18-INCHES WIDE, AND ODD SHAPES SHALL NOT BE PERMITTED. BLOCKOUTS AROUND ALL PAVEMENT CASTINGS SHALL BE PROVIDED IN ACCORDANCE WITH ACI RECOMMENDATIONS.
- ALL JOINTING (IF) SHOWN HEREIN IS ONLY A GENERAL GUIDELINE OF DESIGN INTENT. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR FINAL LAYOUT OF THE JOINTING WHICH COINCIDES WITH THEIR MEANS AND METHODS TO ENSURE NO UNDESIRED CRACKS FORM THROUGH ANY PLACED CONCRETE. JOINTS SHALL BE APPROPRIATELY PLACED AS SOON AS POSSIBLE TO KEEP UNNECESSARY CRACKS FROM DEVELOPING. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF THE PAVEMENT, JOINT LAYOUT TO OWNER/ CONSTRUCTION MANAGER PRIOR TO PLACEMENT FOR RECORD. THE CONTRACTOR SHALL REPLACE ANY CRACKED CONCRETE, WHICH HAS NOT BEEN PLACED/FINISHED IN ACCORDANCE WITH ACI STANDARDS, TO THE NEXT JOINT PAST THE EFFECTED AREA AT NO ADDITIONAL COST TO THE PROJECT WITHIN ONE YEAR OF PROJECT COMPLETION.
- DESIGN INTENT CONCRETE AND SHALL CONFORM TO THE FOLLOWING MINIMUM AND MAXIMUM VALUES:

	PER MIX DESIGN, MINIMUM 4000 PSI
a. STRENGTH	5001 LB / CY (ASTM C150 TYPE III)
b. PORTLAND CEMENT CONTENT	SILICA FUME MAY REPLACE MAX. 7% CEMENT
c. POZZOLAN MATERIALS (SEE NOTES BELOW)	FLY ASH OR SLAG CEMENT MAY REPLACE MAX. 20% CEMENT
d. MAX W/C RATIO	PER MIX DESIGN, MAXIMUM 0.45
e. ENTRAINED AIR	6.5% AVG ± 1.5% (7.0% TARGET) ASTM C260
f. SLUMP	4" MAX WITHOUT WATER REDUCER
g. SLUMP WITH HRWR OR MID RANGE WR	6" TO 8"
h. WATER REDUCER	NORMAL TYPE A (ASTM C494)
i. RETARDER	NORMAL TYPE B OR D AS NEEDED (REQUIRED IF CONCRETE TEMPERATURE EXCEEDS 88F)
j. CONCRETE TEMPERATURE AT PLACEMENT	50F-90F
k. ACCELERATOR	NON-CHLORIDE TYPE ONLY - CALCIUM CHLORIDE IS PROHIBITED
l. FIBERS TO BE USED	POLYPROPYLENE OR POLYETHYLENE MICRO SYNTHETIC FIBERS @ 1.5 LBS / CY (FIBERMESH 300 OR APPROVED EQUAL)
- FOR USE AS W.W.F. REPLACEMENT (VEHICULAR TRAFFIC PAVEMENT)	MICRO SYNTHETIC FIBERS @ 4.0 LBS / CY (TUF-STRAND SF OR APPROVED EQUAL)
- ALL SYNTHETIC FIBERS SHALL BE TYPE III PER ASTM C1116 AND ASTM D7508. MACRO FIBERS SHALL BE 1.5 TO 2.25 INCHES IN LENGTH.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, ASTM A1064, ASTM A307, AND ASTM A775. WHEN USED, ALL W.W.F. SLAB REINFORCEMENT SHALL BE SUPPORTED ON CHAIRS AND BE FLAT SHEETS ONLY. ZINC REPAIR MATERIAL SHALL CONFORM TO ASTM A780.
- CONCRETE SHALL ARRIVE AT JOB SITE WITH APPROPRIATE W/C RATIO. NO WATER SHALL BE ADDED TO CONCRETE ON SITE WHICH EXCEEDS THE MAXIMUM ALLOWED W/C RATIO AS INDICATED BY THE WRITTEN BATCH PLANT TICKET FROM THE SUPPLIER. SUPERPLASTICIZER AND/OR OTHER ADMIXTURES MAY BE UTILIZED TO ACHIEVE DESIRED WORKABILITY OR TO ACCOUNT FOR ADVERSE PLACEMENT CONDITIONS. ADMIXTURES SHALL BE UTILIZED ONLY IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS AND MEET THE REQUIREMENTS OF ASTM C494 AND/OR ASTM C1017.
- CONTRACTOR SHALL HAVE A MIN. 5 YEARS EXPERIENCE WITH SUCCESSFUL PLACEMENT OF CONCRETE UTILIZING POZZOLAN MATERIALS. MIX DESIGNS WHICH UTILIZED POZZOLAN MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL DOT SPECIFICATIONS AND ACI STANDARDS. FLY ASH SHALL MEET THE REQUIREMENTS OF ASTM C918, CLASS C OR CLASS F, EXCEPT THE LOSS ON IGNITION MUST NOT EXCEED 8%. SLAG CEMENT ACCORDING TO ASTM C989, GRADE 100 MINIMUM. SILICA FUME SHALL BE DRY DENSIFIED MEETING THE REQUIREMENTS OF ASTM C1240. USE OF MATERIALS SHALL BE IN ACCORDANCE WITH ACI 211.1.
- AGGREGATES SHALL BE LOW-SHRINKAGE / WELL GRADED PER ASTM C33 AND THE LOCAL DOT SPECIFICATIONS WHICH ARE RESISTANT TO FREEZE / THAW, SULFATE ATTACK, AND ARE NOT ALKALI-CARBONATE AGGREGATES OR SUSCEPTIBLE TO ALKALI-AGGREGATE REACTIVITY. SLAG AGGREGATES SHALL NOT BE PERMITTED IN ANY CONCRETE MIX.
- LIQUID MEMBRANE FORMING CURING COMPOUNDS SHALL BE PER ASTM C1315 TYPE II CLASS A IN ACCORDANCE WITH ACI 308. LIQUID MEMBRANE FORMING CURING COMPOUNDS SHALL BE WHITE PIGMENTED AND TWO COATS APPLIED IN TWO PERPENDICULAR UNIFORM APPLICATIONS PER MANUFACTURERS RECOMMENDATIONS WITHIN THE ALLOWABLE TIME PERIODS. APPLICATIONS SHALL BE PHOTOGRAPH DOCUMENTED FOR EVEN AND CONSISTENT COVERAGE SIMILAR TO THE APPEARANCE OF A BLANK WHITE SHEET OF COPY PAPER. NO POOLING OF MATERIAL SHALL BE ACCEPTED.
- CONCRETE SEALER SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. A WRITTEN STATEMENT FROM THE MANUFACTURE FOR THE SEALER AND CURING COMPOUND SHALL BE PROVIDED GUARANTEEING COMPATIBILITY.
- REFER TO ACI INDUSTRY STANDARDS FOR CONCRETE PLACEMENT AND INSTALLATION. CONTRACTOR SHALL INCLUDE PROVISIONS IN ACCORDANCE WITH ACI 305R AND 306R FOR HOT AND COLD WEATHER PLACEMENT WHEN PROJECT SCHEDULE TIMING FALLS WITHIN THE REQUIRED TEMPERATURE RANGES PER ACI AND THE LOCAL DOT.

## GENERAL UTILITY NOTES

- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.
- CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTENDED TO BE UTILIZED AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE), IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IMMEDIATELY.
- WHERE PLANS PROVIDE FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING THE PROPOSED WORK. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE RESULTS IN A CHANGE IN THE PLAN, THE CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED WORK WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT ITEM.
- UTILITY SERVICE PROVIDERS RULES AND REQUIREMENTS TAKE PRECEDENCE OVER INFORMATION HEREIN. IF DISCREPANCY ARISES, CONTRACTOR SHALL FULLY COORDINATE WITH UTILITY SERVICE PROVIDER PRIOR TO START OF CONSTRUCTION.

## SANITARY SEWER NOTES

- SANITARY SEWER LATERAL INVERT AT BUILDING SHALL BE A MINIMUM OF 5' BELOW FINISH FLOOR. ALL PVC SANITARY SEWER PIPE SHALL MAINTAIN 5' FEET OF COVER.
- CLEAN-OUTS ARE TO BE INSTALLED AT ALL PIPE BENDS AND ANGLES, UNLESS A MANHOLE IS INDICATED.
- THE CONTRACTOR SHALL HIRE A LOCAL PLUMBER LICENSED WITH THE LOCAL SANITARY JURISDICTION TO MAKE ALL CONNECTIONS FROM THE BUILDING TO THE EXISTING SEWER. CONTRACTOR SHALL SECURE A SANITARY SEWER CONNECTION PERMIT PRIOR TO ANY CONSTRUCTION. THE CONTRACTORS PRICE FOR SANITARY SEWER INSTALLATION SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE LOCAL SANITARY JURISDICTION TO PROVIDE A COMPLETE WORKING SERVICE. COORDINATE ALL WORK WITH CITY OF EDMUND MULLINAX @ CITY OF CARTERSVILLE WATER DEPARTMENT.
- ALL SANITARY PIPE MATERIAL SHALL BE 6" PVC, SDR 35 CONFORMING TO ASTM D 3034, WITH JOINTS PER ASTM 3212 UNLESS OTHERWISE REQUIRED BY THE LOCAL JURISDICTION.

## ELECTRICAL NOTES

- SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING AND LUMINAIRE DESCRIPTION.
- SEE ELECTRICAL SHEETS FOR ALL DEDICATED EXTERIOR BUILDING AND SIGN LIGHTING SCHEDULES. ELECTRICAL CONTRACTOR SHALL BALANCE LOADS WHERE REQUIRED.
- WHEN INSTALLING VERTICAL SWEEPS FOR UTILITY CONDUITS, CONTRACTOR SHALL USE SCHEDULE 80 DUCTS OF THE SIZE SHOWN ON THE PLANS.
- CONSTRUCTION AND MATERIALS PROVIDED BY THE ELECTRIC COMPANY:
  - FURNISH AND INSTALL PAD MOUNTED TRANSFORMER. REUSE AND RELOCATE EXISTING TRANSFORMER IF ABLE.
  - MAKE APPROPRIATE PRIMARY AND SECONDARY CONNECTIONS AT TRANSFORMER.
  - FURNISH AND INSTALL METER.
  - RUN CONDUIT.
  - COORDINATE ALL WORK WITH CLIFTON BLALOCK @ CITY OF CARTERSVILLE ELECTRIC SYSTEM.
- CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
  - FURNISH AND INSTALL 1-4" PVC SCHEDULE 40 DUCTS, INCLUDING ALL TRENCHING AND BACKFILLING FROM TRANSFORMER TO BUILDING.
  - FURNISH AND INSTALL SECONDARY WIRE FROM THE BUILDING TO THE TRANSFORMER.
  - FURNISH AND INSTALL METER BASE AND CT CABINET.
  - INCLUDE ALL FEES REQUIRED BY ELECTRIC COMPANY TO PROVIDE A COMPLETE WORKING SERVICE.

## NATURAL GAS NOTES

- CONSTRUCTION AND MATERIALS PROVIDED BY THE GAS COMPANY:
  - DURING DEMOLITION GAS COMPANY WILL TURN OFF THE GAS AND DISCONTINUE SERVICE. GAS COMPANY ABANDONS THE EXISTING LINE IN PLACE AS NOTED ON THE TAP MAIN.
  - FURNISH AND INSTALL SERVICE FROM TAP TO BUILDING.
  - ALL TRENCHING AND BACKFILLING.
  - FURNISH AND INSTALL METER.
  - COORDINATE ALL WORK WITH BRIAN FRIERY @ CITY OF CARTERSVILLE GAS SYSTEM.
- CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
  - FURNISH AND INSTALL SERVICE FROM METER TO BUILDING AND THROUGHOUT THE BUILDING.
  - CONTRACTOR SHALL INCLUDE ALL FEES REQUIRED BY THE GAS COMPANY TO PROVIDE A COMPLETE WORKING SERVICE.
  - CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING ABANDONED LINE WITHIN THE LIMITS OF THE PROPERTY.

## STORM SEWER NOTES

- ALL STORM SEWER PIPE 12" OR GREATER IN DIAMETER SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) SMOOTH INTERIOR PIPE (UNLESS OTHERWISE NOTED ON PLAN). HDPE PIPE SHALL CONFORM TO ASTM D 3350 AND JOINTS PER ASTM F477. STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE PVC, SDR 35, PER ASTM D 3034 AND JOINTS PER ASTM D 3212 (OR APPROVED EQUAL).
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING, BACKFILLING AND PIPE INSTALLATION, PIPE MATERIAL AND TAP CONNECTION. COORDINATE ALL WORK WITH WADE WILSON @ CITY OF CARTERSVILLE PUBLIC WORKS.
- ### WATER NOTES
- WATER SERVICE MATERIALS SHALL BE COPPER TYPE "K" UNLESS OTHERWISE NOTED ON PLANS. DIAMETER SHALL BE AS NOTED ON THESE PLANS AND SHALL BE INSTALLED WITH A MINIMUM COVER OF 36" OR BELOW FROST LINE, WHICHEVER IS GREATER.
  - CONSTRUCTION AND MATERIALS PROVIDED BY THE WATER COMPANY:
    - TAP MAIN FOR DOMESTIC SERVICE (IF EXISTING TAP IS NOT REUSED, REFER TO UTILITY PLAN).
    - TAP MAIN FOR FIRE SERVICE, REFER TO UTILITY PLAN.
    - FURNISH AND INSTALL VAULT BOX AND WATER METER (IF WATER METER IS NOT REUSED).
    - FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY.
    - COORDINATE ALL WORK WITH THE EDMUND MULLINAX @ CITY OF CARTERSVILLE WATER DEPARTMENT.
  - CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
    - FURNISH AND INSTALL COPPER SERVICE LINE FROM METER/TAP TO BUILDING.
    - ALL TRENCHING AND BACKFILLING.
    - FIRE HYDRANT TESTING.
  - CONTRACTOR SHALL PROVIDE 100% IRRIGATION PER CONSTRUCTION/PROJECT MANAGER AND CITY/VILLAGE/TOWNSHIP REQUIREMENTS. COORDINATE SLEEVE LOCATIONS WITH THE CONSTRUCTION/PROJECT MANAGER AND IRRIGATION CONSULTANT PRIOR TO PAVEMENT AND CURB INSTALLATION.

## GRADING PLAN NOTES

- A SOILS REPORT HAS BEEN PREPARED BY PSI, DATED NOVEMBER 11, 2021 AND SHALL BE CONSIDERED TO BE A PART OF THIS PLAN SET.
- BEFORE STARTING GRADING OPERATIONS, SEE STORMWATER POLLUTION PREVENTION PLAN, NOTES AND DETAILS (SWPP), LANDSCAPE PLAN AND SOILS REPORT FOR TREATMENT OF EXISTING GRADE.
- PRIOR TO SITE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL ALL SWPP MEASURES TO PROTECT EXISTING DRAINAGE FACILITIES. CONTRACTOR SHALL PREVENT SILTATION FROM LEAVING THE SITE AT ALL TIMES.
- STRIP BUILDING AND PAVEMENT AREAS OF ALL ORGANIC TOPSOILS. STOCKPILE SUITABLE TOPSOILS FOR RESPREADING ONTO LANDSCAPE AREAS. ALL EXCESS EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE. SEE GEOTECHNICAL REPORT FOR STRIPPING AND TOPSOIL REQUIREMENTS.
- OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE ON-SITE.
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. UNLESS OTHERWISE SPECIFIED IN THE PLANS, SPECIFICATIONS, OR SOILS REPORT THE SITE GRADING, EXCAVATION, AND EMBANKMENT SHALL BE IN ACCORDANCE WITH THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.
- AT A MINIMUM ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% (THE UPPER 12 INCHES SHALL BE WITHIN 98%) OF STANDARD PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE WITHIN 1% TO 3% OF THE OPTIMUM. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND RETAIN A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE TO ENSURE COMPLIANCE WITH THE GEOTECHNICAL REPORT. MAKE GEOTECHNICAL RECOMMENDATIONS BASED ON FIELD CONDITIONS, AND ENSURE THAT ALL SHORING AND DEWATERING MEANS AND METHODS WILL NOT COMPROMISE THE STABILITY OF EXISTING OR PROPOSED FOOTINGS/FOUNDATIONS. THE OWNER SHALL RECEIVE ALL COMPACTION REPORTS PREPARED BY THE CONTRACTOR'S GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT. NOTIFY PROJECT CONSTRUCTION MANAGER IF ANY UNSUITABLE SOILS ARE FOUND.
- FOLLOWING GRADING OF SUBSOIL TO SUBGRADE ELEVATIONS THE CONTRACTOR SHALL PLACE TOPSOIL TO A 6" DEPTH (UNLESS OTHERWISE SPECIFIED IN LANDSCAPING DETAILS) IN ALL DISTURBED AREAS WHICH ARE NOT TO BE PAVED. SMOOTHLY FINISH GRADE TO MEET SURROUNDING LAWN AREAS AND ENSURE POSITIVE DRAINAGE. STOCKPILED TOPSOIL SHALL BE SCREENED PRIOR TO RESPREADING. TOPSOIL SHALL BE FREE OF SUBSOIL, DEBRIS, BRUSH AND STONES LARGER THAN 1" IN ANY DIMENSION. ROCK HOUNDING IN PLACE WILL NOT BE PERMITTED. ALL EXCESS TOPSOIL SHALL BE LEGALLY DISPOSED OF OFF SITE.
- ELEVATIONS GIVEN ARE AT BOTTOM FACE OF CURB AND/OR FINISHED PAVEMENT GRADE UNLESS OTHERWISE SPECIFIED ON GRADING PLAN. ALL PAVEMENT SHALL BE LAID ON A STRAIGHT, EVEN, AND UNIFORM GRADE WITH A MINIMUM OF 1% SLOPE TOWARD THE COLLECTION POINTS UNLESS OTHERWISE SPECIFIED ON THE GRADING PLAN. DO NOT ALLOW NEGATIVE GRADES OR PONDING OF WATER.
- SLOPE BUILDING SIDEWALK AWAY FROM THE BUILDING AT A MAXIMUM OF 1.5% (UNLESS OTHERWISE INDICATED ON THE GRADING PLAN).
- WHEN CONSTRUCTING ASPHALTIC CONCRETE PAVEMENTS, CONTRACTOR SHALL PROVIDE BUTT END JOINT TO MEET EXISTING PAVEMENT IN ELEVATION AT DRIVE RETURNS AND ENSURE POSITIVE DRAINAGE.

EXISTING GENERAL LEGEND	
	EXISTING CURB AND GUTTER
	EXISTING BUILDING/STRUCTURE
	EXISTING CURB
	EXISTING OVERHEAD LINE
	EXISTING UNDERGROUND ELECTRICAL CONDUIT
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING STORM SEWERS PIPE
	EXISTING WATER LINE
	EXISTING SANITARY LINE
	EXISTING GAS LINE
	PROPERTY LINE
	RIGHT OF WAY LINE
	EXISTING CONTOUR
	PROPERTY PIN/MONUMENT
	EXISTING POWER POLE
	EXISTING GUY WIRE
	EXISTING POWER AND TELEPHONE POLE
	EXISTING ELECTRICAL PULL BOX
	EXISTING TRANSFORMER
	EXISTING GAS VALVE
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY CLEANOUT
	EXISTING STORM MANHOLE
	EXISTING DOUBLE WING CATCH BASIN (DWCB)
	EXISTING YARD INLET / CATCH BASIN

## PROPOSED GENERAL LEGEND

	PROPOSED CATCH BASIN	
	PROPOSED STORM MANHOLE	
	PROPOSED CLEAN OUT	
	PROPOSED SANITARY MANHOLE	
	PROPOSED EXTERIOR GREASE INTERCEPTOR	
	PROPOSED ELECTRIC TRANSFORMER	
	PROPOSED LIGHT POLE	
	PROPOSED EDGE OF PAVEMENT	
	PROPOSED CURB	
	PROPOSED CURB & GUTTER	
	PROPOSED TRAFFIC SIGN	
	PROPOSED GRASSED SWALE	
	PROPOSED PAINTED ADA SYMBOL	
	PROPOSED DIRECTIONAL PAVEMENT MARKINGS	
	PROPOSED TRANSVERSE STRIPING	
	PROPOSED WATER VALVE ASSEMBLY	
	PROPOSED FIRE HYDRANT ASSEMBLY	
	PROPOSED CROSSWALK STRIPING	
	PROPOSED CONCRETE	
	PROPOSED STANDARD DUTY ASPHALT	



	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
A1	01-07-2021	CITY COMMENTS
A2	02-18-2022	CITY COMMENTS
	03-17-2022	ISSUED FOR RSCS BID
	04-01-2022	ISSUED FOR BID

CONTRACT DATE:	-
BUILDING TYPE:	END20
PLAN VERSION:	OCTOBER 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PAP/M:	SM
DRAWN BY.:	DS
JOB NO.:	2020088-24



Drawing Name: C:\2020\20200824 - Cartersville - GMA Working Files\01\_CAD\00\_Dwg\CSwaps\20200824 SWPP.dwg  
March 31, 2022 - ASner

GENERAL NOTES

- ALL WORK SPECIFIED AS A DEPARTMENT OF TRANSPORTATION ITEM SHALL BE GOVERNED BY THE GEORGIA 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 ENSURE 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 GEORGIA CONSTRUCTION GENERAL PERMIT #GAR100001 AND THE CITY OF CARTERSVILLE CODIFIED ORDINANCES. IF A CONFLICT EXISTS BETWEEN THE TWO REGARDING EROSION AND SEDIMENT CONTROL IMPLEMENTATION, THE MORE RESTRICTIVE SHALL APPLY.
- DISTURBED AREAS WITHIN 50' OF A STREAM SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 2 DAYS OF FINAL GRADE.
- DISTURBED AREAS WHICH WILL REMAIN DORMANT FOR OVER 1 YEAR OR ARE AT FINAL GRADE SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 7 DAYS OF LAST EARTHWORK DISTURBANCE.

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
- DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PREVIOUS 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 GEORGIA 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 GEORGIA 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 GEORGIA 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 660 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 UNROOTED 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 48 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 OIL) 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 INTERM 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 ENDOLOADER 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 BALES/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 ESTABLISHING VEGETATION 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 DEWATERING OPERATIONS UTILIZED MUST BE CONTINUOUSLY MONITORED BY THE CONTRACTOR.

- USE OF A STRAW BALES/SILT FENCE PIT OR TRAP.
  - AN EXCAVATED BASIN (APPLICABLE TO "STRAW BALES/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 ½ 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.

TEMPORARY SEDIMENT TRAP CONSTRUCTION

- WORK SHALL CONSIST OF INSTALLATION, MAINTENANCE AND REMOVAL OF ALL SEDIMENT TRAPS AT THE LOCATIONS DESIGNATED ON THE PLANS OR AT LOCATIONS NECESSARY TO CONTROL RUNOFF FROM THE CONSTRUCTION SITE.
- SEDIMENT TRAPS SHALL BE CONSTRUCTED AND OPERATIONAL BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- ALL TEMPORARY SEDIMENT TRAP SIZING INCLUDING, BUT NOT LIMITED TO, SEDIMENT STORAGE VOLUMES, DEWATERING VOLUMES, EMBANKMENTS, AND SPILLWAY CAPACITIES SHALL BE CONSTRUCTED AS SHOWN ON DRAWINGS AND IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REQUIREMENTS AND APPROVAL.
- THE AREA BENEATH THE EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF VEGETATION TO A MINIMUM DEPTH OF SIX (6) INCHES. THE POOL SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT CLEANOUT.
- FILL USED FOR THE EMBANKMENT SHALL BE EVALUATED TO ASSURE ITS SUITABILITY AND IT MUST BE FREE OF ROOTS OR OTHER WOODY VEGETATION, LARGE ROCKS, ORGANICS OR OTHER OBJECTIONABLE MATERIALS. FILL MATERIAL SHALL BE PLACED IN SIX (6) INCH LIFTS AND SHALL BE COMPACTED BY TRAVERSING WITH A SHEEPSFOOT OR OTHER APPROVED COMPACTION EQUIPMENT. FILL HEIGHT SHALL BE INCREASED BY FIVE (5) PERCENT TO ALLOW FOR STRUCTURE/FOUNDATION SETTLEMENT. CONSTRUCTION SHALL NOT BE PERMITTED IF EITHER THE EARTH FILL OR COMPACTION SURFACE IS FROZEN.
- TEMPORARY SEEDING SHALL BE ESTABLISHED AND MAINTAINED OVER THE USEFUL LIFE OF THE PRACTICE.
- THE OUTLET SHALL BE CONSTRUCTED USING THE MATERIALS SPECIFIED ON THE DRAWINGS OR AS APPROVED BY THE LOCAL GOVERNING AUTHORITY. WHERE GEOTEXTILE IS USED, ALL OVER-LAPS SHALL BE A MINIMUM OF TWO (2) FEET OR AS SPECIFIED BY THE MANUFACTURER, WHICHEVER IS GREATER. ALL OVERLAPS SHALL BE MADE WITH THE UPPER MOST LAYER PLACED LAST. GEOTEXTILE SHALL BE KEVED IN AT LEAST 6" ON THE UPSTREAM SIDE OF THE OUTLET.
- WARNING SIGNS AND SAFETY PRACTICES SHALL BE PLACED AROUND THE BASINS AND MAINTAINED OVER THE LIFE OF THE PRACTICE.
- AFTER ALL SEDIMENT PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, THE STRUCTURE AND ALL ASSOCIATED SEDIMENT SHALL BE REMOVED. STABLE EARTH MATERIALS SHALL BE PLACED IN THE SEDIMENT TRAP AREA AND COMPACTED, THE AREA SHALL BE REGRADED FOR THE PROPOSED PERMANENT BIORETENTION BMP. THE AREA SHALL BE IMMEDIATELY SEEDED AND PLANTED AS INDICATED ON THE LANDSCAPE PLAN.



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	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
A1	01-07-2021	CITY COMMENTS
A2	02-18-2022	CITY COMMENTS
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CONTRACT DATE:	-
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BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.24

**TACO BELL**

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



ENDEAVOR 20  
SWPP NOTES

C-010

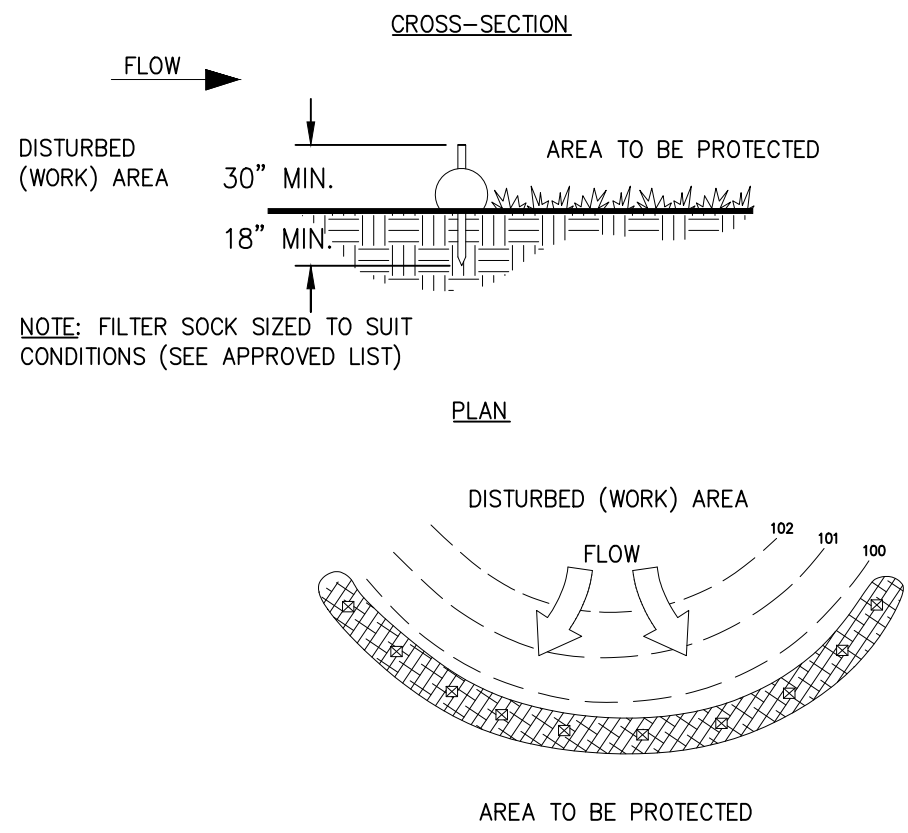
PLOT DATE:



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March 31, 2022 - ASner

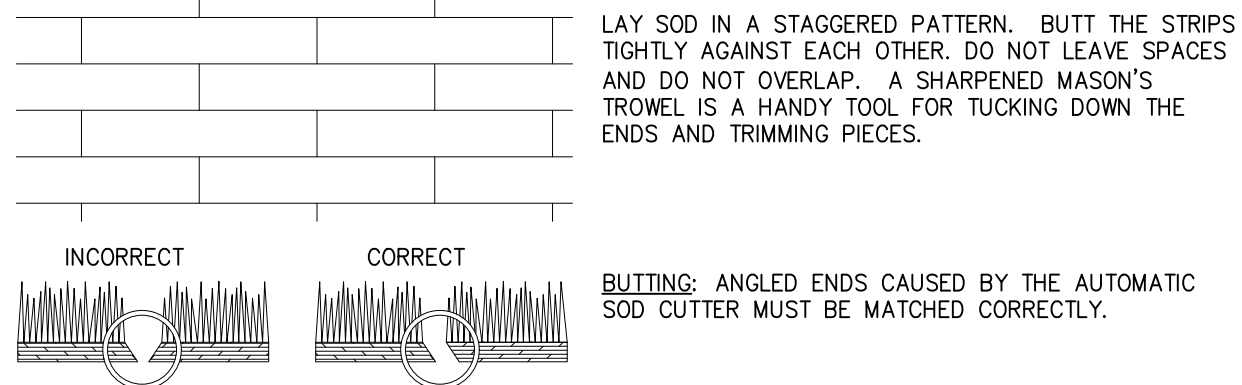
## EROSION AND SEDIMENT CONTROL

COMPOST FILTER SOCK FS



## SOD MAINTENANCE AND INSTALLATION

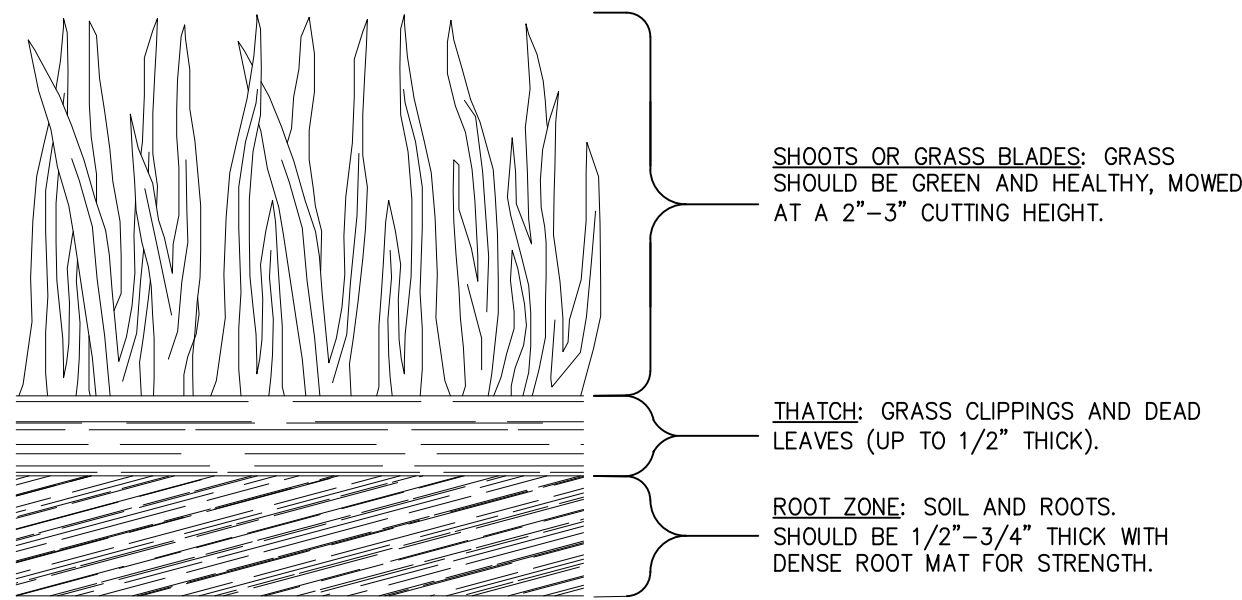
SOD LAYOUT AND PREPARATION Ds4



### DIRECTIONS FOR INITIAL MAINTENANCE

- Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
- Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.
- Step 3. MOW WHEN THE SOD IS ESTABLISHED -- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

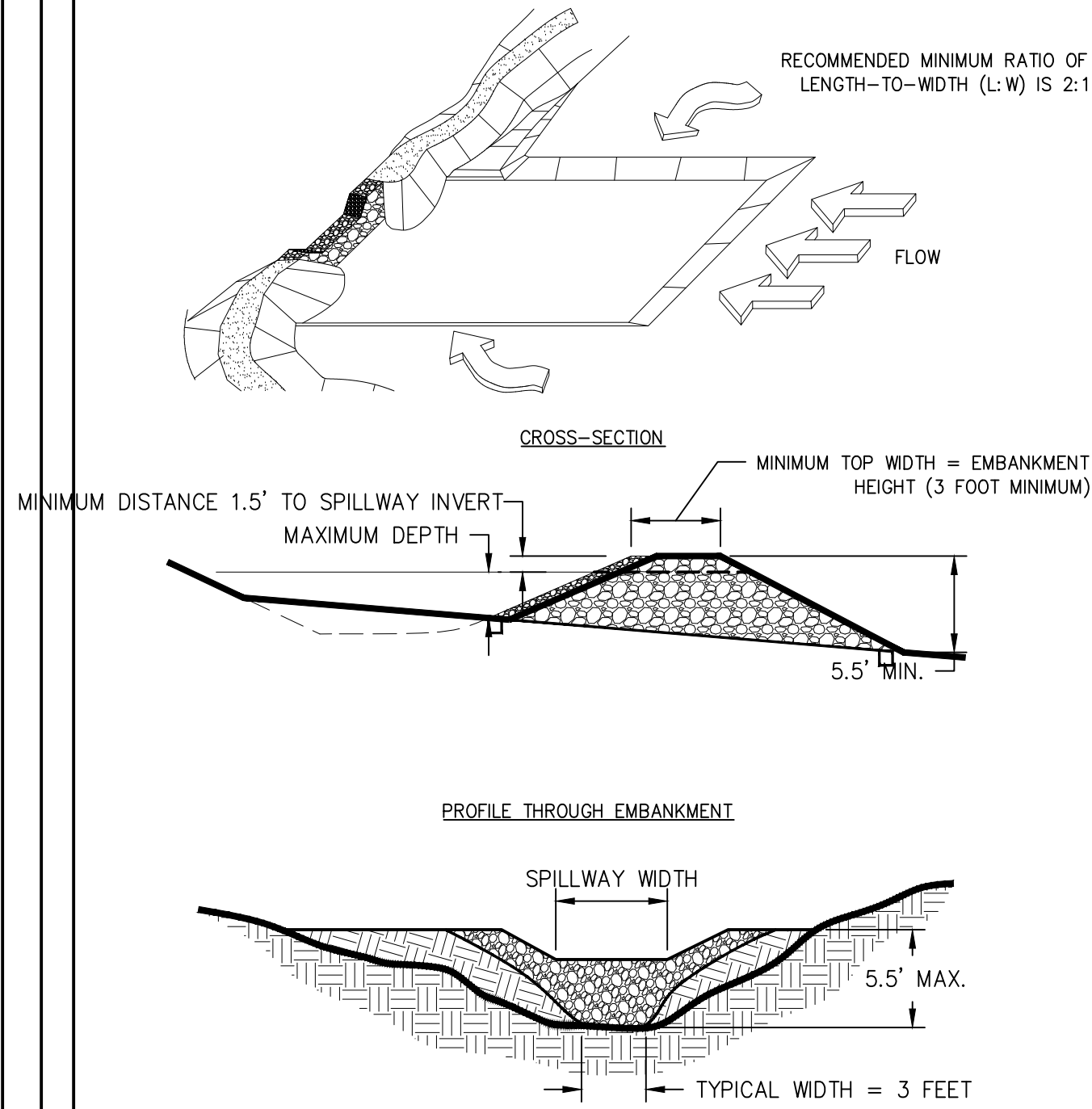
### APPEARANCE OF GOOD SOD



## TEMPORARY SEDIMENT TRAP

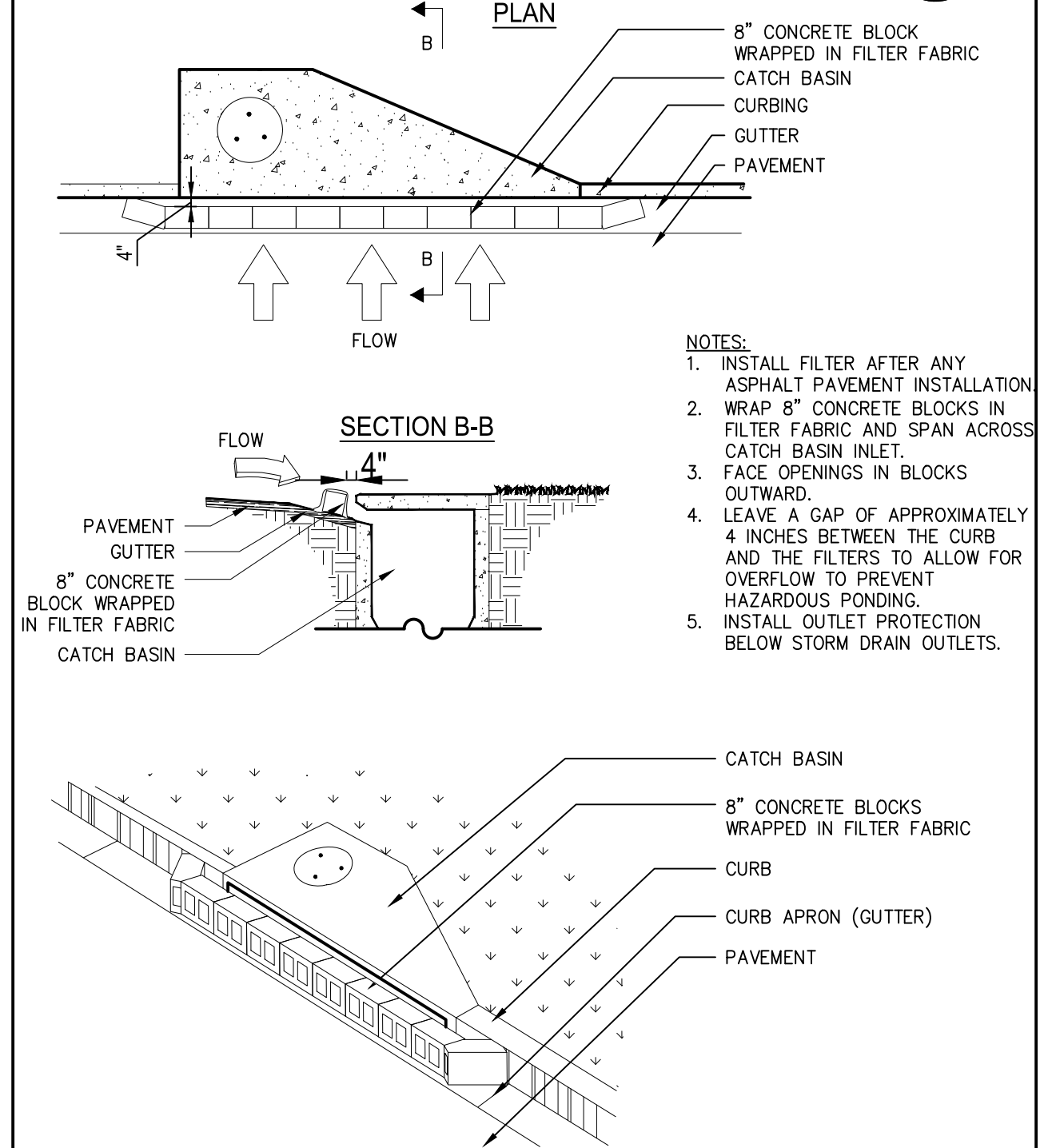
COURTESY OF CITY OF KNOXVILLE BMP EROSION AND SEDIMENT ROCK OUTLET

Sd4



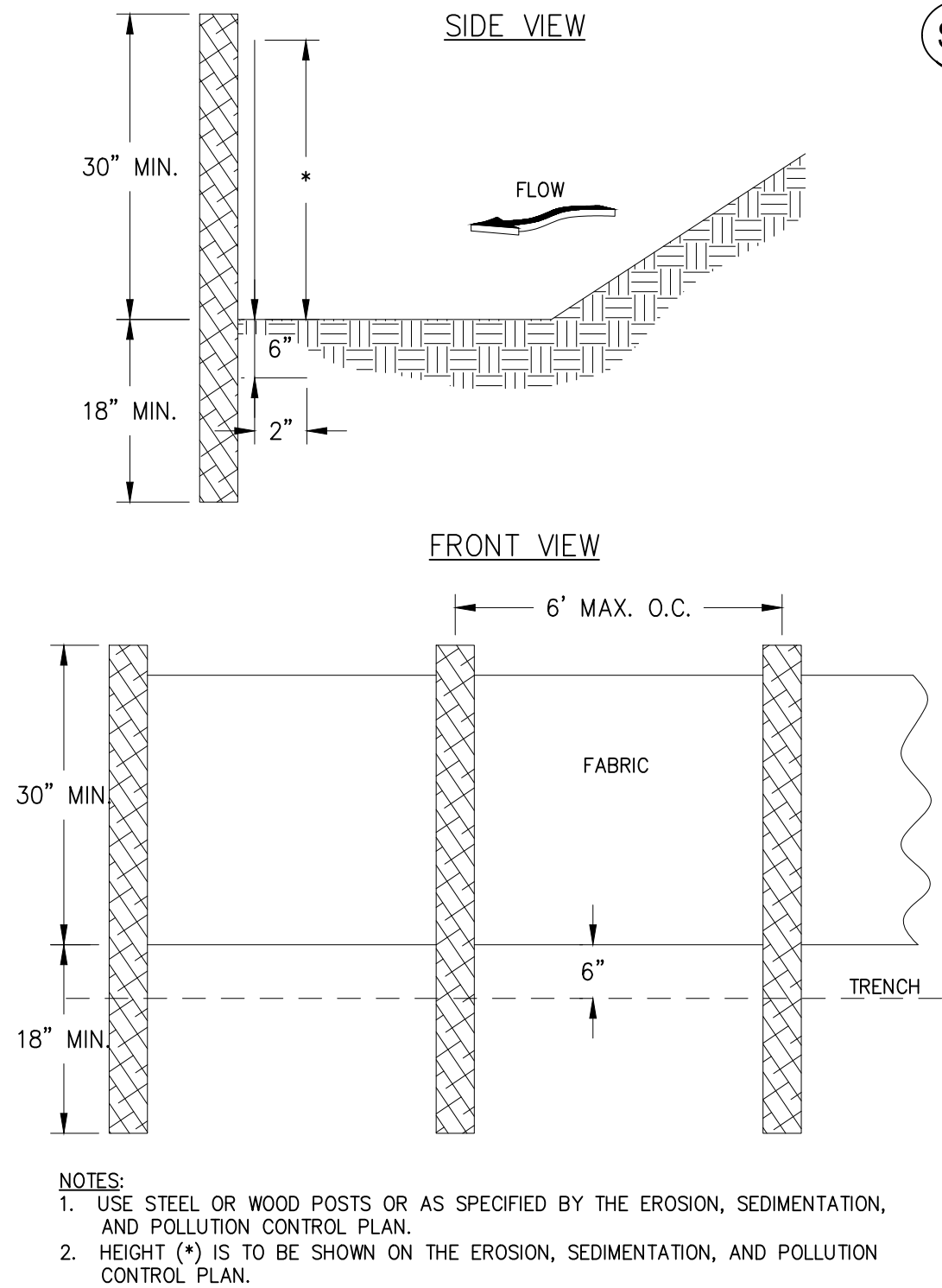
## CURB INLET FILTER "PIGS IN BLANKET"

Sd2-P



## SILT FENCE - TYPE NON-SENSITIVE

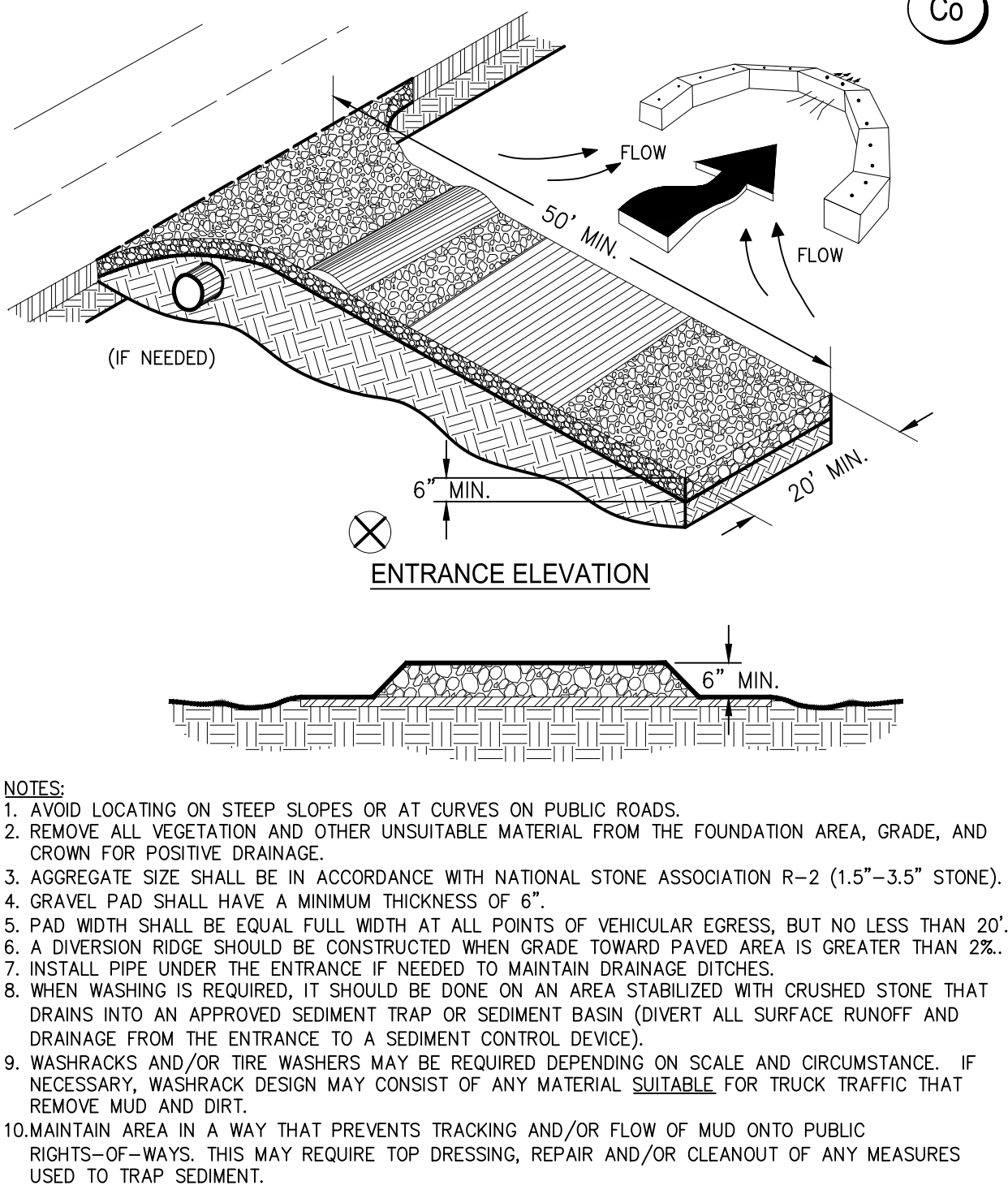
Sd1



## CRUSHED STONE CONSTRUCTION EXIT

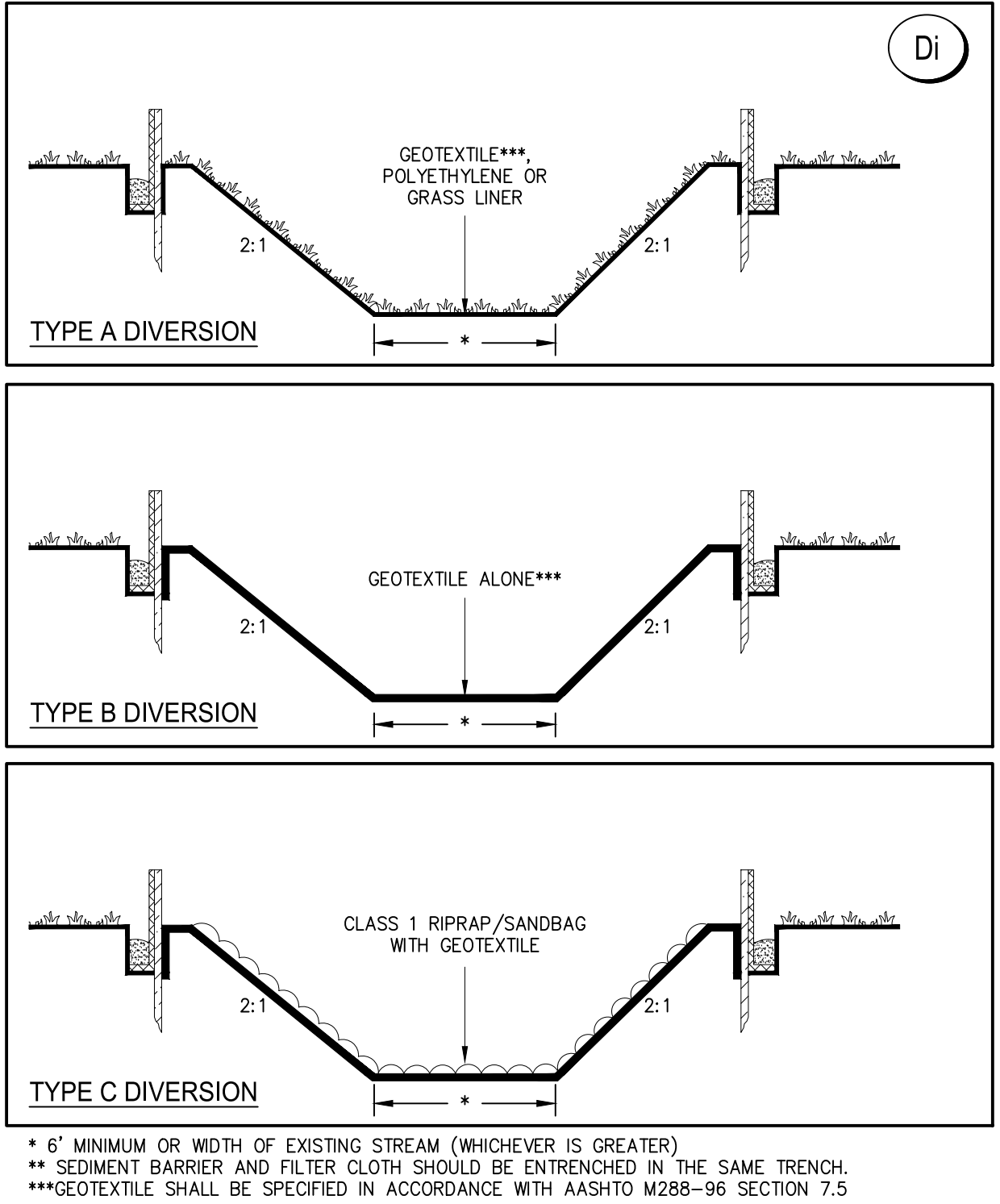
EXIT DIAGRAM

Co



## TO BE SHOWN ON EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN

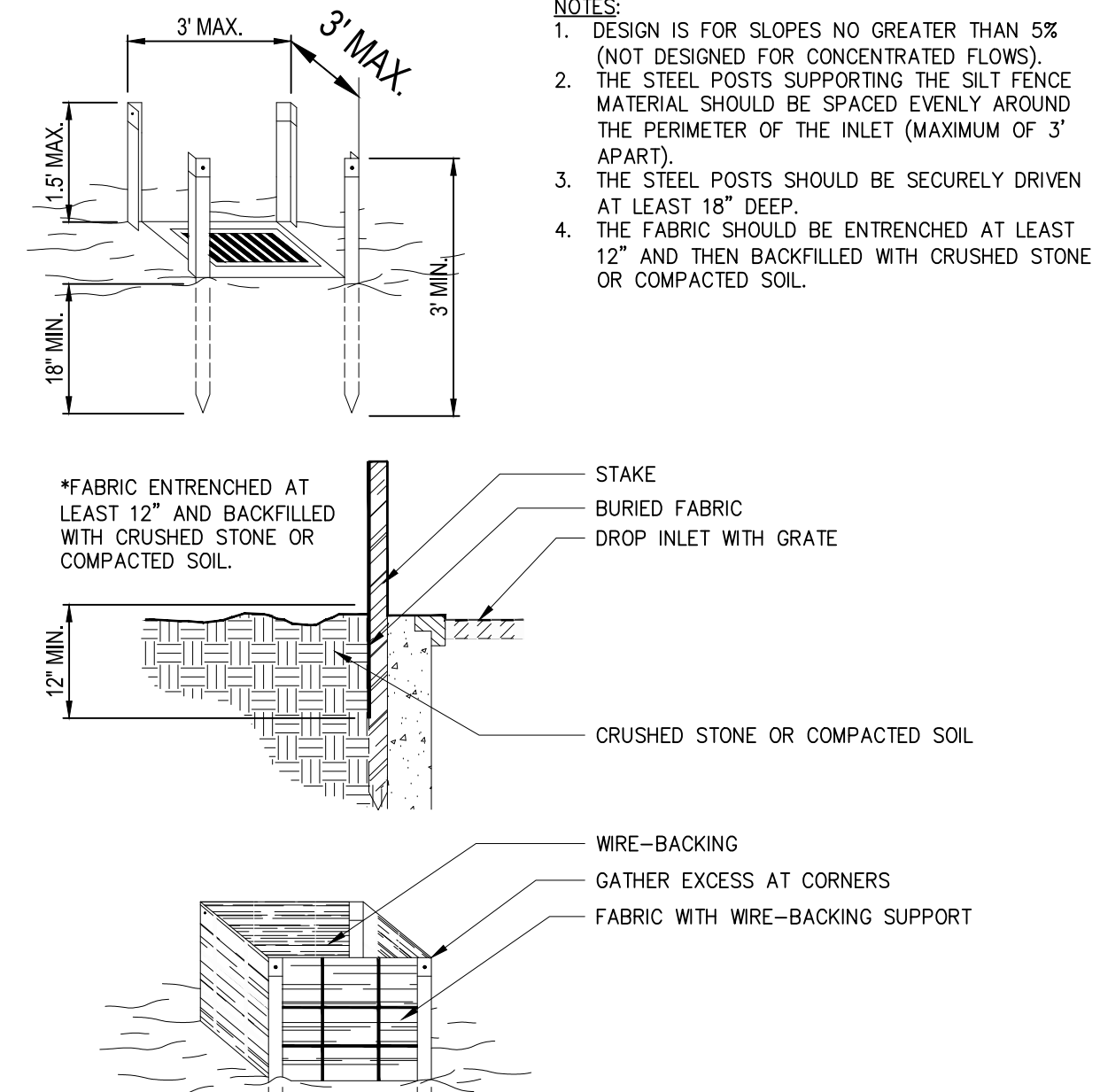
Di



## FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

Sd2-F

### STEEL FRAME AND SILT FENCE INSTALLATION



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PLAN VERSION: OCTOBER 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 293296

STORE NUMBER: 455386

PA/PM: SM

DRAWN BY.: DS

JOB NO.: 2020088.24

### TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



ENDEAVOR 20  
SWPP DETAILS

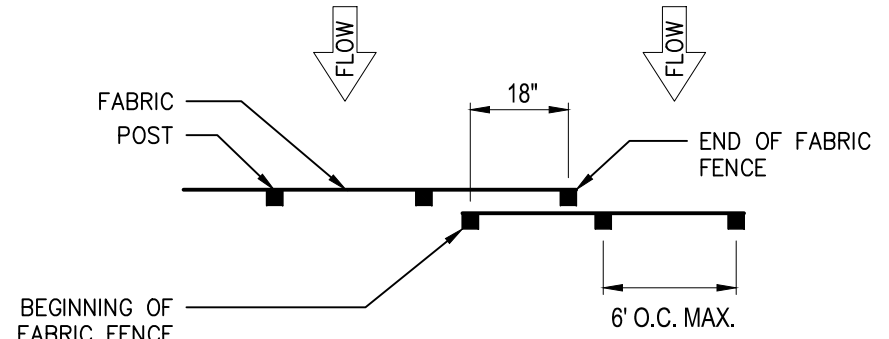
C-011

PLOT DATE:

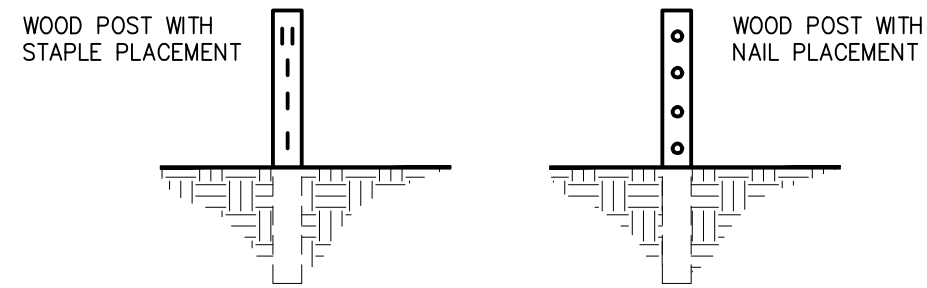
## FASTENERS FOR SILT FENCES

### OVERLAP AT FABRIC ENDS

Sd1



TOP VIEW - NOT TO SCALE



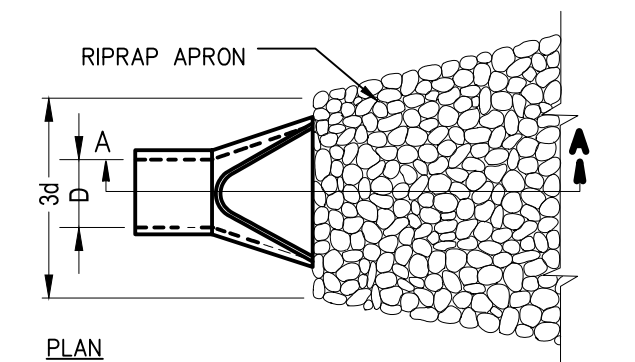
FRONT VIEWS - NOT TO SCALE

- NOTES:
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

## RIPRAP OUTLET PROTECTION

### PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL

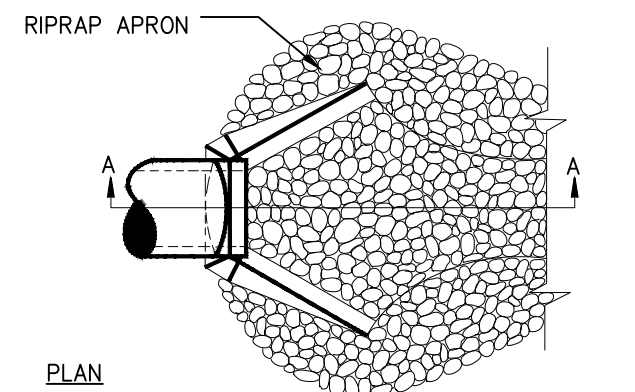
St



PLAN

SECTION A-A

### PIPE OUTLET TO WELL DEFINED CHANNEL



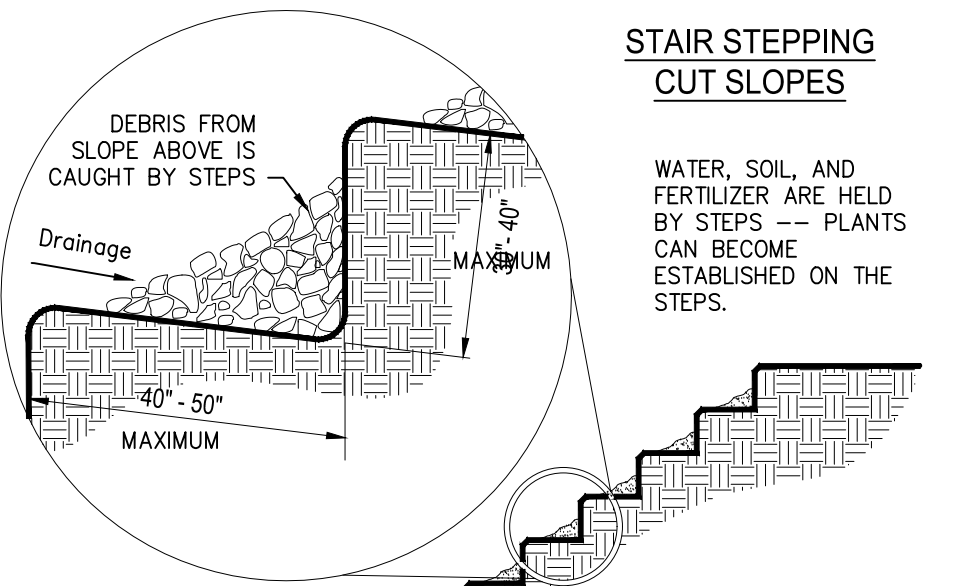
PLAN

SECTION A-A

- NOTES:
1.  $L_a$  IS THE LENGTH OF THE RIPRAP APRON.
  2.  $D = 1.5$  TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
  3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
  4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

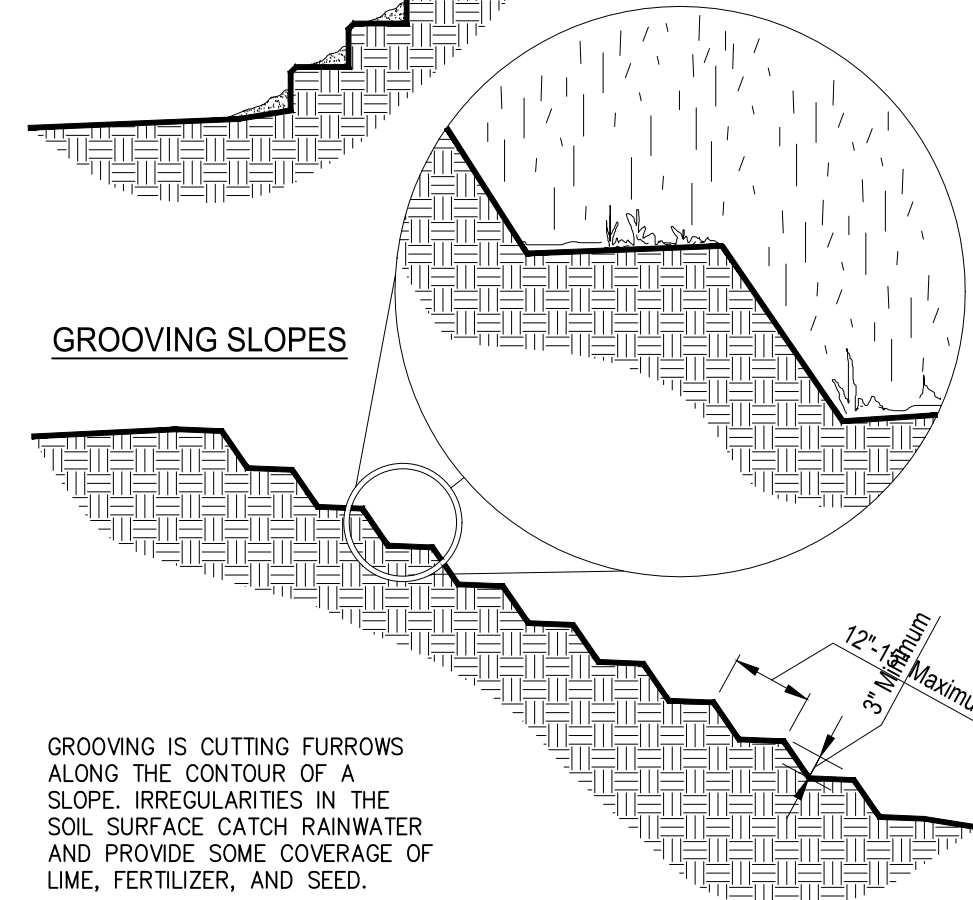
## STAIR STEPPING CUT SLOPES

Ss



WATER, SOIL, AND FERTILIZER ARE HELD BY STEPS -- PLANTS CAN BECOME ESTABLISHED ON THE STEPS.

## GROOVING SLOPES

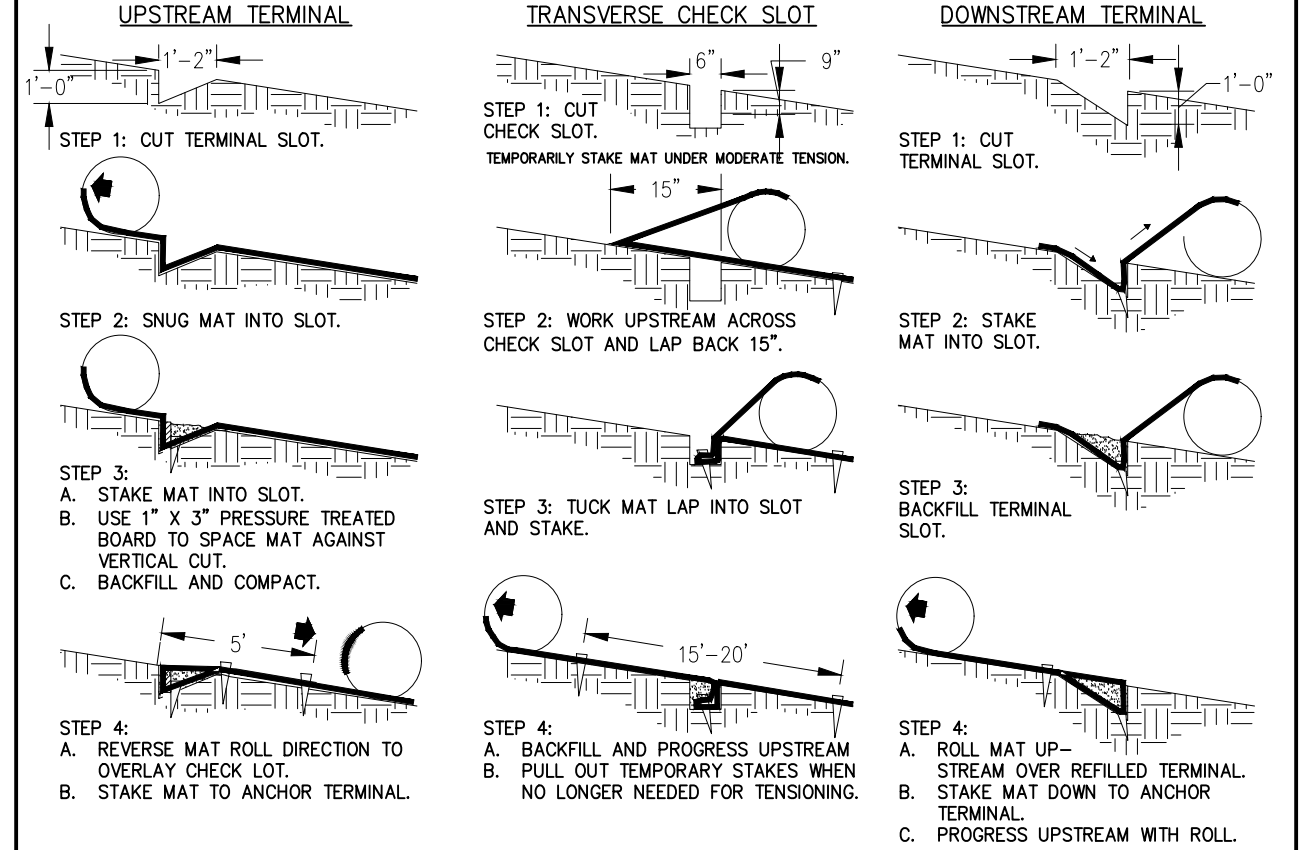


GROOVING IS CUTTING FURROWS ALONG THE CONTOUR OF A SLOPE. IRREGULARITIES IN THE SOIL SURFACE CATCH RAINWATER AND PROVIDE SOME COVERAGE OF LIME, FERTILIZER, AND SEED.

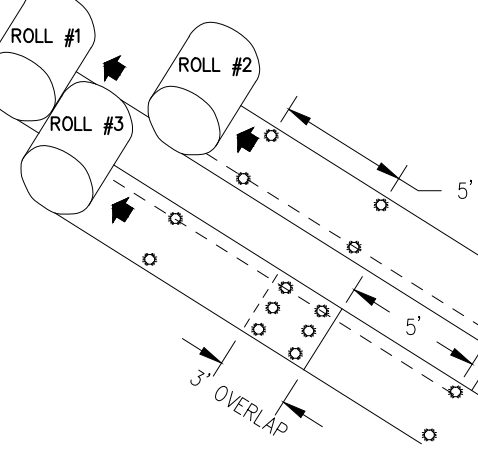
## TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

### BLANKET AND MATTING CROSS-SECTIONS

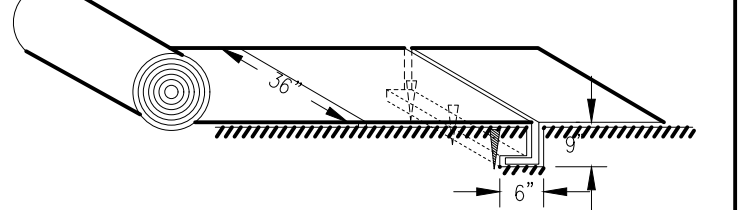
Ss



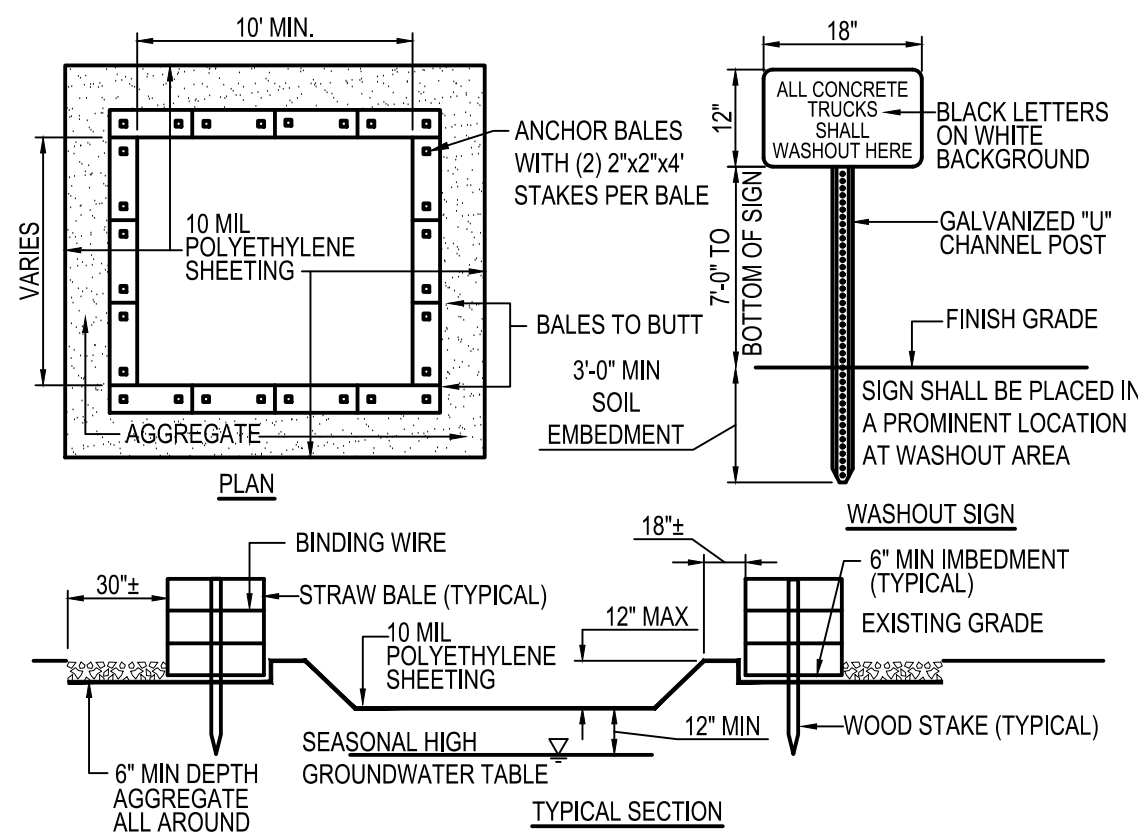
### SEQUENTIAL ROLL RUN OUT IN CHANNELS



### PICTORIAL VIEW OF TRANSVERSE SLOT



- NOTES:
1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
  2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID-CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
  3. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND THE FIRST ROLL. USE THE CENTER ROLL FOR ALIGNMENT TO THE CHANNEL CENTER.
  4. WORK OUTWARDS FROM THE CHANNEL CENTER TO THE EDGE.
  5. USE 3" OVERLAPS AND STAKE AT 5' INTERVALS ALONG THE SEAMS.
  6. USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT THE LINING AT THE ROLL ENDS.



- 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.

A1

### CONCRETE WASHOUT AREA

CW

N.T.S.

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ENDEAVOR 20  
SWPP DETAILS

C-012

PLLOT DATE:



## STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.
Sd1	SEDIMENT BARRIER-SILT FENCE NON-SENSITIVE AREA			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2-F	CURB INLET PROTECTION			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd2-F	FILTER FABRIC WITH SUPPORTING FRAME			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd4	TEMPORARY SEDIMENT TRAP (ROCK OUTLET)			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.

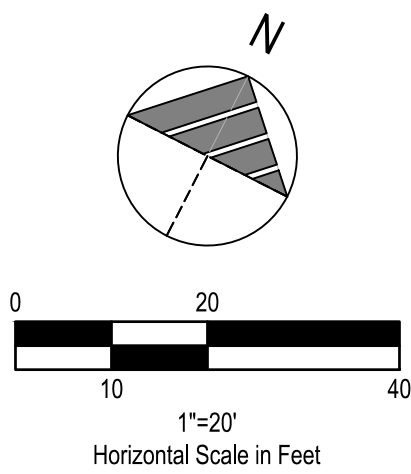
## VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SODDING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels. To be applied to all slopes steeper than 4:1.

## LEGEND

(SEE SHEET C-001 FOR GENERAL LEGEND)

	PROPOSED INLET SEDIMENT TRAP REFER TO SWPP DETAILS
	PROPOSED SILT FENCE REFER TO SWPP DETAILS
	PROPOSED COMPOST FILTER SOCK REFER TO SWPP DETAILS
	PROPOSED CONSTRUCTION ENTRANCE REFER TO SWPP DETAILS
	PROPOSED CONCRETE WASHOUT FACILITY REFER TO SWPP DETAILS
	PROPOSED LIMITS OF DISTURBANCE
	EMERGENCY SPILLWAY AS DETAILS ON SHEET C-504, CONTRACTOR TO ENSURE STONE AND GEOTEXTILE IS IN OPTIMAL CONDITION PRIOR TO CONVERSION OF SEDIMENT TRAP TO BIORETENTION.
	BIO-RETENTION BASIN



## SWPP CALCULATIONS

**[Sd4]** SEDIMENT TRAP (TO BE CONVERTED INTO PERMANENT BMP AFTER LAND DISTURBANCE ACTIVITY IS COMPLETE. EMERGENCY SPILLWAY ELEVATION TO BE ADJUSTED TO AN ELEVATION OF 786.50 TO ENSURE ADEQUATE SEDIMENT STORAGE. EMERGENCY SPILLWAY SHALL BE ADJUSTED TO AN ELEVATION OF 786.33. INSTALL CATCH BASIN IN BIORETENTION BASIN AFTER SITE HAS BEEN STABILIZED.)  
 $V = 0.4 \times A \times D = 0.4 \times 2,378 \text{ SF} \times 1.25 \text{ FT} = 1189 \text{ CF} = 44 \text{ CY}$   
REQUIRED  $V = 67 \text{ CY} \times 0.65 \text{ AC} = 43.6 \text{ CY}$   
CLEANOUT ELEVATION= 1/3 OF TOTAL VOLUME= 785.80  
CLEANOUT VOLUME REQUIRED= 14.67 CY = 396 CF  
CLEANOUT VOLUME PROVIDED=  $0.4 \times 1,843 \text{ SF} \times 0.55 \text{ FT} = 405 \text{ SF} = 15 \text{ CY}$

**[St]** STORM DRAIN OUTLET PROTECTION (PERMANENT)  
\*CONDITION MAXIMUM TAILWATER  
 $D_o = \text{DIAMETER OF OUTLET PIPE} = 0.5 \text{ FT}$   
 $Q_{100} = 0.44 \text{ CFS}$   
 $V_{100} = 4.05 \text{ FTS}$   
WIDTH AT OUTLET PIPE= 1.5 FT (OUTLET PROTECTION TO BE PLACED 18" BEHIND OUTLET PIPE OPENING)  
 $L_o = \text{LENGTH OF APRON (EXTEND ACROSS BIORETENTION BOTTOM)} = 15 \text{ FT}$   
 $W_o = \text{DOWNSTREAM WIDTH} = 6.5 \text{ FT}$   
 $D_{100} = 0.3 \text{ FT}$   
 $D_{\text{MAX}} = 1.5 \times D_o = 0.45 \text{ FT}$   
APRON THICKNESS=  $1.5 \times D_o = 0.675 \text{ FT}$   
OUTLET SIZING ( $W_o \times L_o \times W_o$ )=  $1.5 \text{ FT} \times 15 \text{ FT} \times 6.5 \text{ FT}$

## WQV CALCULATIONS

$WQ_v = \frac{(P \times R \times A)}{12}$   
 $P = \text{TARGET RUNOFF REDUCTION RAINFALL (1.2 INCHES)}$   
 $R_o = 0.05 + 0.009(I)$  WHERE  $I$  IS PERCENT IMPERVIOUS COVER = 0.55  
 $A = \text{SITE AREA IN SQUARE FEET} = 33,541.2 \text{ SQ. FT.}$

$$WQ_v = \frac{(1.2 \times 0.55 \times 33,541.2)}{12} = 1,845 \text{ CF}$$

## BIORETENTION VOLUME CALCULATIONS

VOLUME REQUIRED TO BE TREATED= 1,845 CF

CONTOUR AREA AT ELEVATION 785= 1,308 SQ. FT  
CONTOUR AREA AT ELEVATION 786= 2,455 SQ. FT

VOLUME PROVIDED= 1,851 CF

VOLUME PROVIDED &gt; VOLUME REQUIRED

## BENCHMARKS:

NORTH AMERICAN DATUM OF 1983(2011)-STATE PLANE COORDINATE SYSTEM  
GEORGIA WEST ZONE  
VERTICAL REFERENCE FRAME IS NORTH AMERICAN  
VERTICAL DATUM OF 1988

BENCHMARK #1  
"X" IN CURB  
N 1,516,263.48  
E 2,108,622.57  
ELEV. = 788.12

BENCHMARK #2  
"X" IN CURB  
N 1,516,319.07  
E 2,108,830.42  
ELEV. = 788.98

## 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. INSTALL TEMPORARY SEDIMENT TRAP, AS DETAILED IN THE PLANS. NO COMPONENTS OF THE BIORETENTION OTHER THAN THE EMERGENCY SPILLWAY SHALL BE INSTALLED UNTIL THE SITE HAS BEEN STABILIZED AND PAVED.
- 1.7. CONSTRUCT AND MAINTAIN TEMPORARY DIVERSION SWALE AND / OR DIVERSION BERM DURING FILLING & GRADING ACTIVITIES.
- 1.8. 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.
- 1.9. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.
- 1.10. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
- 1.11. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION.
- 1.12. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS, INSTALL REQUIRED INLET PROTECTION.
- 1.13. 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.
- 1.14. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.
- 1.15. 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.
- 1.16. 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.
- 1.17. REMOVE SEDIMENT CONTROLS.
- 1.18. REMOVE SEDIMENT TRAP. INSTALL BIORETENTION COMPONENTS AFTER REST OF SITE HAS BEEN STABILIZED.
- 1.19. CHECK AND MODIFY PERMANENT BMPs (GRASS SWALE, EMERGENCY SPILLWAY, BIORETENTION, OUTLET STORM PROTECTION) AS NEEDED TO MEET THE DESIGN REQUIREMENTS OUTLINED IN THIS PLAN SET.

## PROJECT DESCRIPTION

THIS SITE IS 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. WATER QUALITY MEASURES WILL BE PROVIDED ON SITE. DETENTION IS PROVIDED OFFSITE ON THE ADJACENT PROPERTY TO THE EAST OF TACO BELL.

## PROJECT COMPLETION STATISTICS

PARCEL SIZE:	0.77 ACRES
TOTAL DISTURBED AREA:	0.86 ACRES
EXISTING LAND USE FOR THE SITE IS COMMERCIAL/RESTAURANT.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.58 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	75.3%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.79
PROPOSED LAND USE WILL BE COMMERCIAL/RESTAURANT.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.43 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	55.8%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.66

## PROJECT LOCATION:

LATITUDE: 34.166805°  
LONGITUDE: -84.787365°

## EXISTING SITE SOIL TYPES:

UuC: URBAN LAND-UDORTHERTS COMPLEX, 0% TO 10% SLOPES.  
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 DRY EXTENDED DETENTION SYSTEM AND UNDERGROUND DETENTION LOCATED WITHIN THE SHOPPING CENTER'S PROPERTY AND THE SUBSEQUENT RECEIVING WATER IS CITY STORM SEWERS.

## POST CONSTRUCTION WQv / BMP DESCRIPTION

WATER QUALITY IS ACHIEVED FOR THE PROPOSED DEVELOPMENT THROUGH TWO BMPs: A GRASS SWALE AND A BIORETENTION. DETENTION IS PROVIDED BY THE ACADEMY SHOPPING CENTER DETENTION SYSTEM LOCATED ON THE CHIPOTLE PROPERTY TO THE WEST OF TACO BELL.

## OWNER CONTACT:

CHAD GORNALL  
CONSTRUCTION MANAGER  
TACO BELL DEVELOPMENT  
814.572.4800  
Chad.Gornall@Yum.com

## 24-HOUR E&amp;S CONTACT:

CLING LANGLEY  
724.263.7757

## ANTICIPATED TIMING:

CONSTRUCTION BEGIN: JUNE, 2022  
CONSTRUCTION COMPLETE: SEPTEMBER, 2022

CONTRACTOR: T.B.D.  
CONTACT: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_

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



DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE:	
BUILDING TYPE:	END-20
PLAN VERSION:	OCTOBER 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.24

## TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



## ENDEAVOR 20 SWPP PLAN

C-013

PLOT DATE:





PLOT DATE

STARC_ID	STRUCTURE DETAILS		
JB 100	RIM = 785.07 36" HDPE (SE) = 775.30 36" CMP (NW-OUT) = 775.20	DWCB 100	RIM = 788.21 24" HDPE (SE) = 788.60 24" HDPE (NE-OUT) = 788.60
JB OCS	RIM = 789.62 24" HDPE (E) = 776.50 36" HDPE (NW-OUT) = 776.70	SWCB 100	RIM = 781.53 18" RCP (SW) = 778.40
YI 100	RIM = 785.17 30" HDPE (E) = 781.40	CI 500	RIM = 779.84 BOTTOM= 775.8 18" RCP (IN AND OUT)
CI 100	RIM = 788.73 18" HDPE (SE) = 782.60	CI 600	RIM = 779.91 18" RCP (S) = 774.1 18" RCP (NW-OUT) = 773.8
CI 200	RIM = 789.06 18" HDPE (NW) = 779.10 24" HDPE (SW) = 777.90 24" HDPE (SE-OUT) = 777.90	SSMH 100	RIM = 786.22 8" DIP (NE) = 775.00 8" DIP (SW) = 775.10 8" DIP (NW-OUT) = 775.00
CI 300	RIM = 788.48 24" HDPE (NW) = 777.90 30" HDPE (S) = 782.60 30" HDPE (E-OUT) = 777.90	SSMH 200	RIM = 781.45 8" DIP (S) = 776.85 8" DIP (NE-OUT) = 776.15
JB 200	RIM = 788.80 24" HDPE (SW) = 783.50 30" HDPE (NW-OUT) = 783.50	SSMH 300	RIM = 780.67 18" DIP (N & S) = 767.1
CI 400	RIM = 788.59 24" HDPE (NE) = 783.80	SSMH 400	RIM = 780.26 18" DIP (N & S) = 767.2

CONTRACT DATE:	
BUILDING TYPE:	END2
PLAN VERSION:	OCTOBER 202
BRAND DESIGNER:	DICKSON
SITE NUMBER:	29329
STORE NUMBER:	45538
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.2

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



PLOT DATE

Drawing Name: C:\2020\20200824 - Cartersville, GA\Working Files\01\_CAD\00\_Dwg\GISheets\20200824 Demo Site.dwg  
March 31, 2022 - ASner

#### BENCHMARKS:

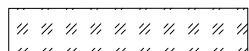
NORTH AMERICAN DATUM OF 1983(2011)-STATE  
PLANE COORDINATE SYSTEM  
GEORGIA WEST ZONE  
VERTICAL REFERENCE FRAME IS NORTH AMERICAN  
VERTICAL DATUM OF 1988

BENCHMARK #1  
"X" IN CURB  
N 1,516,263.48  
E 2,108,622.57  
ELEV. = 788.12

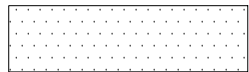
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#### LEGEND

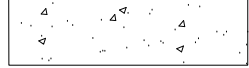
(SEE SHEET C-001 FOR GENERAL LEGEND)



PROPOSED HEAVY DUTY ASPHALT PER SHEET C-502.



PROPOSED STANDARD DUTY ASPHALT PER SHEET C-502.



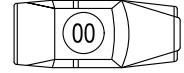
PROPOSED CONCRETE PER CONCRETE  
PAVEMENT DETAIL ON SHEET C-502.



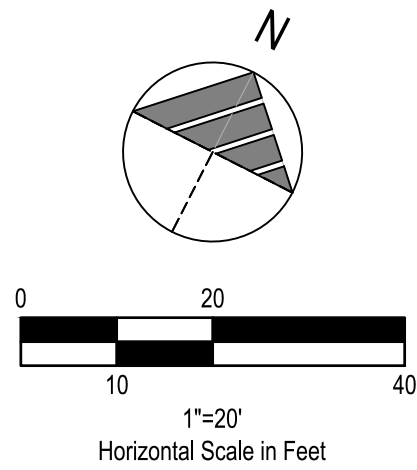
CONSTRUCTION KEYNOTE



PROPOSED PARKING SPACE NUMBER



PROPOSED DRIVE THRU STACK CAR AND NUMBER



#### GENERAL SHEET NOTES

- SEE SHEET C-121 FOR GRADING INFORMATION.
- SEE SHEET C-131 FOR UTILITY INFORMATION.
- SEE SHEET L-101 FOR LANDSCAPING PLAN.

#### PLAN KEYNOTES

- PROPOSED P.C.C. CURB AND GUTTER, SEE SHEET C-502.
- PROPOSED REVERSE PITCH P.C.C. CURB AND GUTTER, SEE SHEET C-502.
- PROPOSED CURB AT DRIVE THRU, SEE SHEET C-502.
- PROPOSED CURB CUT OPENING, SEE SHEET C-503.
- PROPOSED INTEGRAL CURB, REFER TO GRADING PLAN FOR LENGTH, SEE SHEET C-502.
- PROPOSED P.C.C. CONCRETE CURB WALK REVERSE PITCH, SEE SHEET C-502.
- PROPOSED P.C.C. SIDEWALK (ROW), SEE SHEET SHEET C-506. THICKNESS AND REINFORCEMENT SHALL MEET THE MINIMUM AS SPECIFIED BY THE CITY OF CARTERSVILLE AND OR GDOT.
- PROPOSED 6" P.C.C. PAVEMENT W/ 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.
- PROPOSED BOLLARD IN CURB, SEE SHEET C-504.
- PROPOSED DETERRENT BOLLARD, SEE SHEET C-503.
- PROPOSED ADA PARKING SIGN, SEE SHEET C-503.
- PROPOSED LANDSCAPING AREA. SOD ALL DISTURBED AREAS EXCEPT WHERE PLANTING BEDS ARE INDICATED. SEE SHEET L-101.
- PROPOSED MONOLITHIC CURB, SEE SHEET C-504.
- PROPOSED P.C.C. WALK, SEE SHEET C-503.
- PROPOSED PAVEMENT, SIDEWALK, AND ASSOCIATED RESTORATION PER CITY STANDARDS. REFER TO UTILITY PLAN FOR LOCATION OF BORING AND UTILITY TAP.
- PROPOSED DIRECTIONAL PAVEMENT MARKINGS - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE FOR ADA - SEE SHEET C-502.
- PROPOSED 'DO NOT ENTER' AND 'STOP' SIGN PER GDOT STANDARDS AND SHEET C-502.
- PROPOSED PAINTED TRANSVERSE STRIPING, SEE SHEET C-502.
- PROPOSED CROSSWALK STRIPING PER GDOT STANDARDS AND SPECIFICATIONS. SEE SHEET C-112 FOR CROSSWALK DETAILS.
- PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE.
- RELOCATED PYLON SIGN, INCLUDING ALL ASSOCIATED WIRING, FOUNDATION ETC.
- PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS AND SHEET C-503.
- PROPOSED TAPERED CURB TO TIE INTO EXISTING CURB AND GUTTER SEE SHEET C-502.
- PROPOSED LIGHT POLE AND FOUNDATION. SEE ELECTRICAL DRAWINGS AND STRUCTURAL PLANS FOR SPECIFICATIONS.
- PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS AND SHEET C-503.
- PROPOSED 'MOBILE PICKUP' PAVEMENT MARKING AND SIGN PER SIGN SUPPLIER SPECIFICATIONS.
- PROPOSED STORM STRUCTURE REFER TO UTILITY PLAN FOR DESIGN.
- PROPOSED SANITARY STRUCTURE REFER TO UTILITY PLAN FOR DESIGN.
- PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- PROPOSED WATER STRUCTURE REFER TO UTILITY PLAN FOR DESIGN.
- PROPOSED RELOCATED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
- PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- PROPOSED MENU BOARD, CANOPY AND SPEAKER POST PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-504. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD, CANOPY AND SPEAKER POST PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.V.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS AND ELECTRICAL WIRING.
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- PROPOSED EVOLUTION PORTAL CLEARANCE BAR, SEE SHEET C-504 FOR PORTAL PLACEMENT. FOUNDATION PER SIGN VENDOR.
- PROPOSED WOODEN DUMPSTER ENCLOSURE ON P.C.C. PAD OVER 6.5" CRUSHED AGGREGATE OR GRAVEL BASE, SEE SHEET C-501 AND THE ARCHITECTURAL PLANS. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
- PROPOSED PATIO SEE ARCHITECTURAL PLANS.
- PROPOSED ENERGY DISSIPATION, REFER TO EROSION CONTROL AND PLAN SET FOR DESIGN/DETAILS.
- PROPOSED BIORETENTION, SEE SHEET C-121 AND C-503.
- PROPOSED GRASS SWALE, SEE SHEET C-121 AND C-503.
- PROPOSED DETECTABLE WARNING DOMES PER GDOT STANDARDS AND SPECIFICATIONS, SEE SHEET C-506.

#### LIGHTING NOTE

PARKING LOT OUTDOOR LIGHTING SHALL HAVE A MAXIMUM HEIGHT OF FORTY-FIVE (45) FEET AND SHALL BE DIRECTED AWAY AND SHIELDED FROM ABUTTING RESIDENTIAL DISTRICTS.

DEVELOPMENT STANDARDS		
ZONING DISTRICT: G-C (GENERAL COMMERCIAL)		
	STANDARD	PROVIDED
HEIGHT:	60'	20.2'
FRONT SETBACK:	20'	55.5'
SIDE SETBACK:	10'	90.5'
REAR SETBACK:	20'	41.5'
LOT AT STREET:	110'	175.0'
LOT AT BUILDING LINE:	100'	141.0'

PARKING SPACES		
	REQUIRED	PROVIDED
NUMBER OF SPACES	8	23
PARKING REQUIREMENTS		
1 SPACE PER 4 SEATS		
PROPOSED SEAT COUNT: 30		
THEREFORE: 30 / 4 = 8 SPACES REQUIRED.		



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12-07-2021	GDOT COMMENTS
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02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE:  
BUILDING TYPE: END-20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 20200824

#### TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



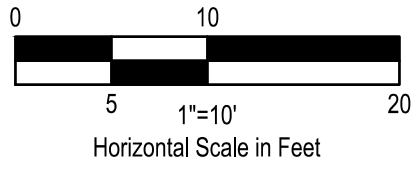
#### ENDEAVOR 20 SITE PLAN

# C-111

PLLOT DATE:

LEGEND  
(SEE SHEET C-001 FOR GENERAL LEGEND)

- PROPOSED HEAVY DUTY ASPHALT PER SHEET C-502.
- PROPOSED STANDARD DUTY ASPHALT PER SHEET C-502.
- PROPOSED CONCRETE PER CONCRETE PAVEMENT DETAIL ON SHEET C-502.
- CONSTRUCTION KEYNOTE
- PROPOSED PARKING SPACE NUMBER
- PROPOSED DRIVE THRU STACK CAR AND NUMBER

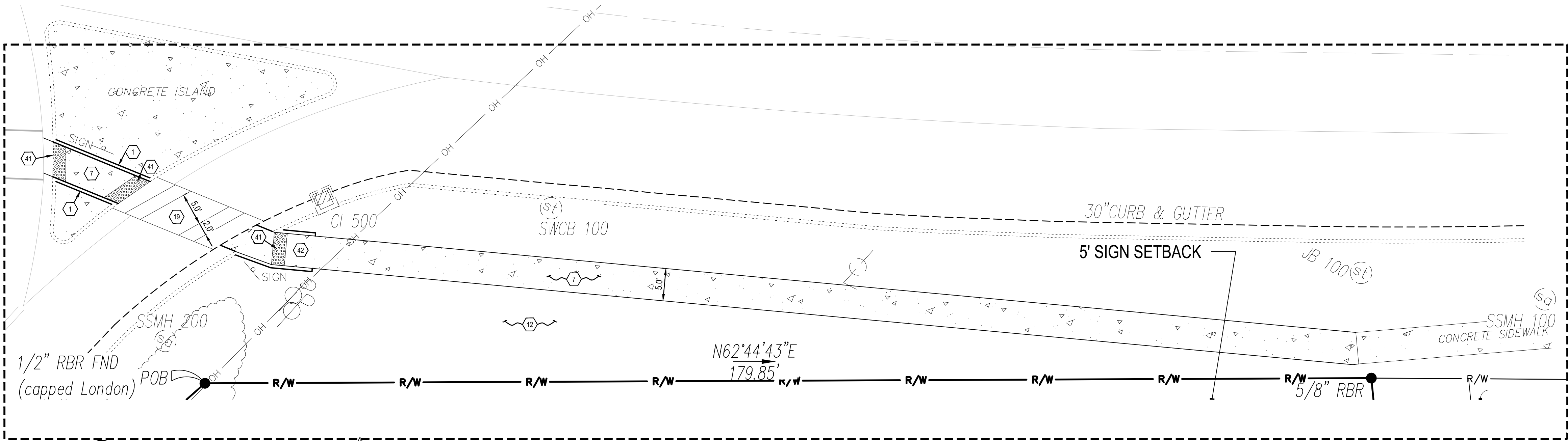


GENERAL SHEET NOTES

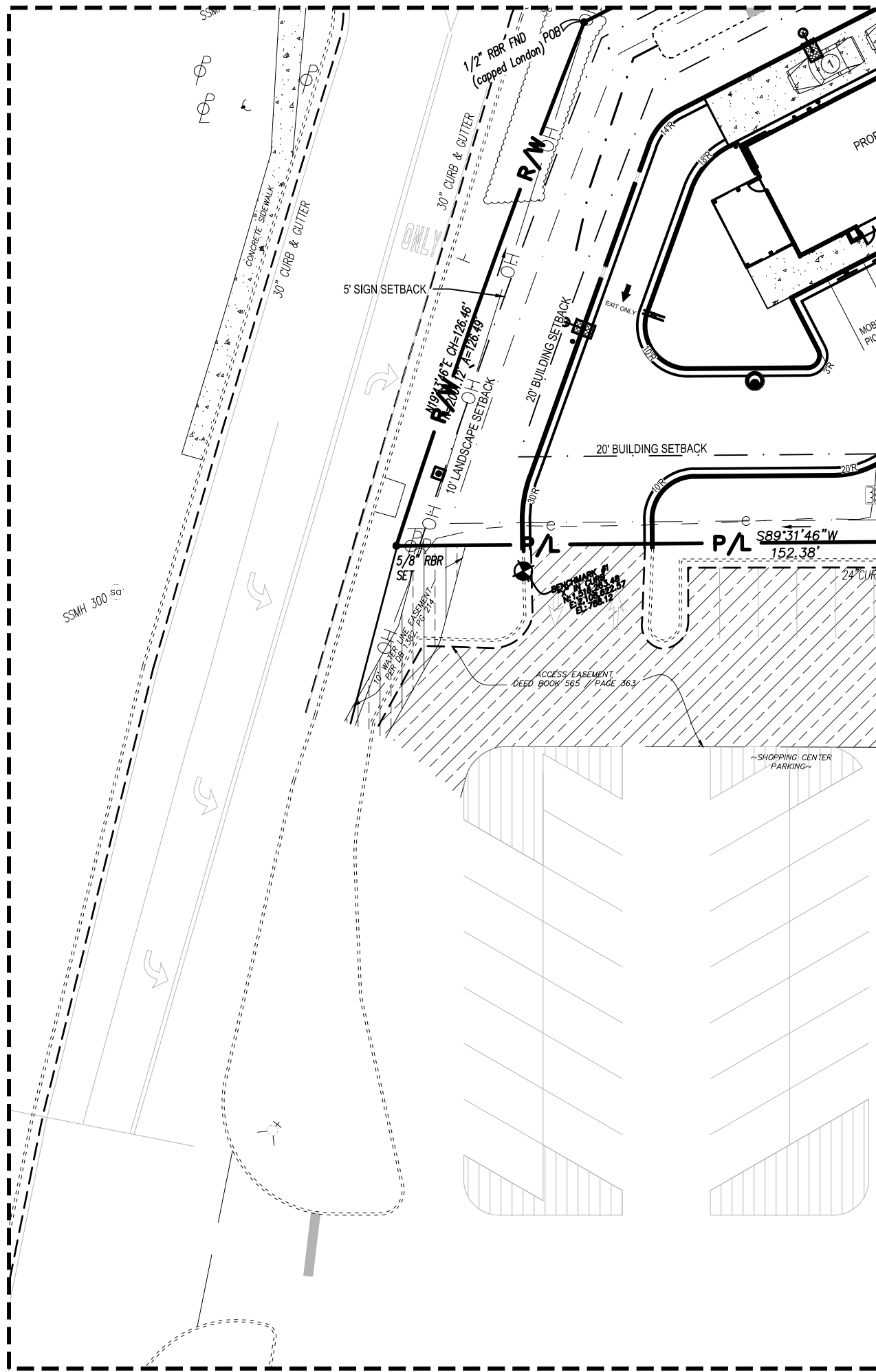
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- SEE SHEET L-101 FOR LANDSCAPING PLAN.

PLAN KEYNOTES

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- PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- PROPOSED WATER STRUCTURE REFER TO UTILITY PLAN FOR DESIGN.
- PROPOSED RELOCATED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
- PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- PROPOSED MENU BOARD AND ORDER CONFIRMATION BOARD PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-504. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD AND ORDER CONFIRMATION BOARD PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.V.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS AND ELECTRICAL WIRING.
- PROPOSED ORDER CONFIRMATION BOARD PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-504. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD AND ORDER CONFIRMATION BOARD PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS AND ELECTRICAL WIRING.
- PROPOSED EVOLUTION PORTAL CLEARANCE BAR. SEE SHEET C-504 FOR PORTAL PLACEMENT. FOUNDATION PER SIGN VENDOR.
- PROPOSED WOODEN DUMPSTER ENCLOSURE ON P.C.C. PAD OVER 6.5" CRUSHED AGGREGATE OR GRAVEL BASE. SEE ARCHITECTURAL PLANS. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
- PROPOSED PATIO SEE ARCHITECTURAL PLANS.
- PROPOSED ENERGY DISSIPATION. REFER TO EROSION CONTROL AND PLAN SET FOR DESIGN/DETAILS.
- PROPOSED BIORETENTION. SEE SHEET C-121 AND C-503.
- PROPOSED GRASS SWALE. SEE SHEET C-121 AND C-503.
- PROPOSED DETECTABLE WARNING DOMES PER GDOT STANDARDS AND SPECIFICATIONS. SEE SHEET C-506.
- PROPOSED RAMP PER GDOT STANDARDS AND SPECIFICATIONS. SEE DETAIL A3 TYPE "SKEWED" ON SHEET C-506.



A1 SIDEWALK ENLARGEMENT  
1" = 10'



A1 Existing Fire Hydrant Location  
1" = 30'



BENCHMARKS:

NORTH AMERICAN DATUM OF 1983(2011)-STATE  
PLANE COORDINATE SYSTEM  
GEORGIA WEST ZONE  
VERTICAL REFERENCE FRAME IS NORTH AMERICAN  
VERTICAL DATUM OF 1988

BENCHMARK #1  
"X" IN CURB  
N 1,516,263.48  
E 2,108,622.57  
ELEV. = 788.12

BENCHMARK #2  
"X" IN CURB  
N 1,516,319.07  
E 2,108,830.42  
ELEV. = 788.98



	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
A1	01-07-2021	CITY COMMENTS
A2	02-18-2022	CITY COMMENTS
	03-17-2022	ISSUED FOR RSCS BID
	04-01-2022	ISSUED FOR BID

CONTRACT DATE:	-
BUILDING TYPE:	END20
PLAN VERSION:	OCTOBER 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.24

TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120

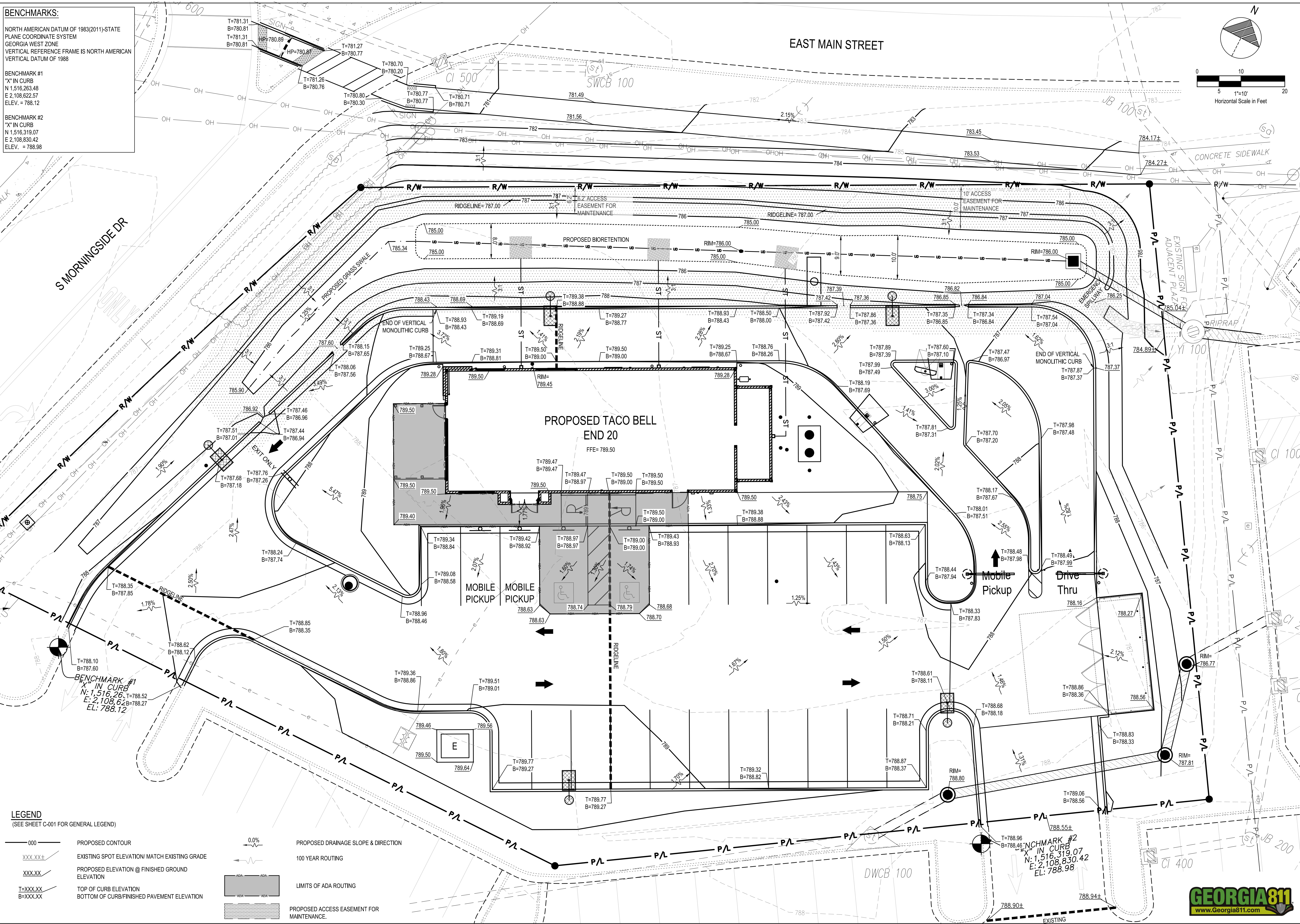


ENDEAVOR 20  
SITE PLAN  
ENLARGEMENT

C-112

PLLOT DATE:

**BENCHMARKS:**  
NORTH AMERICAN DATUM OF 1983(2011)-STATE  
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ELEV. = 788.98



**LEGEND**  
(SEE SHEET C-001 FOR GENERAL LEGEND)

- 000 PROPOSED CONTOUR
- XXX.XX EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE
- XXX.XX PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
- T=XXX.XX TOP OF CURB ELEVATION
- B=XXX.XX BOTTOM OF CURB/ FINISHED PAVEMENT ELEVATION
- 0.0% PROPOSED DRAINAGE SLOPE & DIRECTION
- 100 YEAR ROUTING
- LIMITS OF ADA ROUTING
- PROPOSED ACCESS EASEMENT FOR MAINTENANCE.

**GPD GROUP**  
Professional Corporation  
520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101

DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
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CONTRACT DATE: 04-01-2022  
BUILDING TYPE: END20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

**TACO BELL**  
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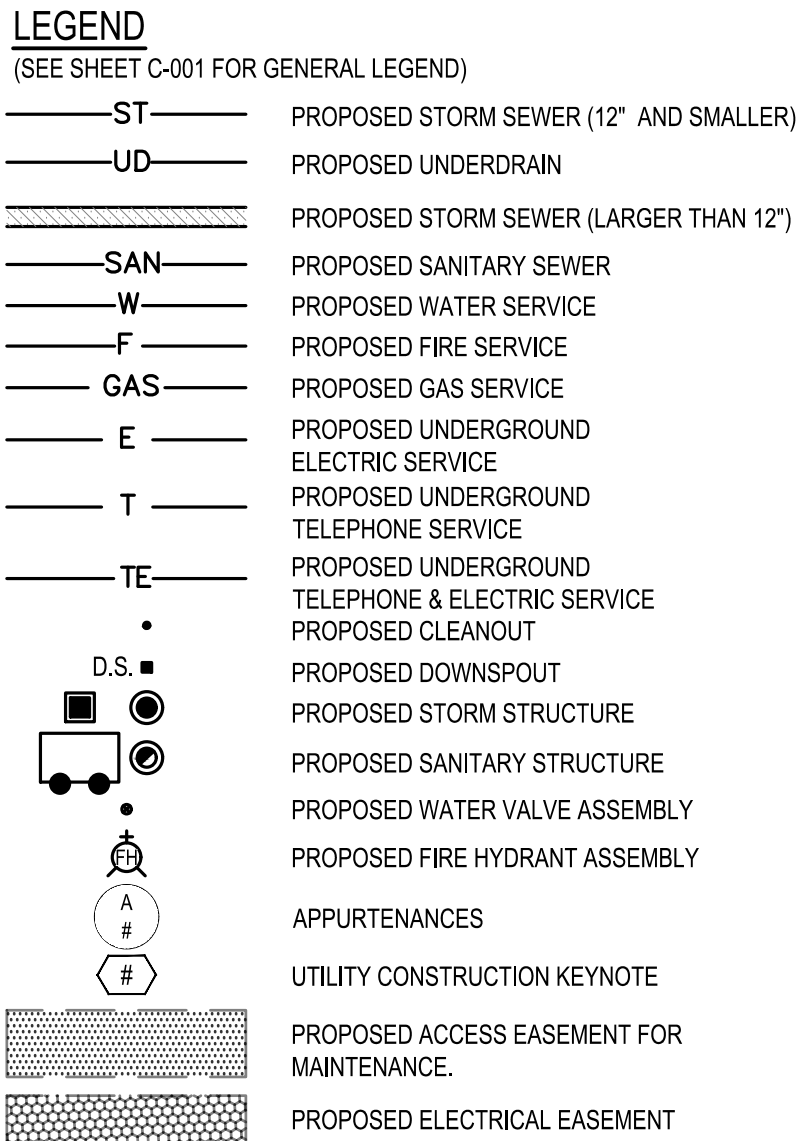


ENDEAVOR 20  
GRADING PLAN

**C-121**

PLOT DATE:

**GEORGIA811**  
www.Georgia811.com



1. CONTRACTOR SHALL COORDINATE ALL CROSSINGS/RELOCATIONS WITH THE RESPECTIVE UTILITY COMPANIES.
2. EXISTING AND PROPOSED PRESSURIZED (WATER & GAS) AND SECONDARY (ELECTRIC & COMMUNICATIONS) UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS WHEN CONFLICTS OCCUR.
3. WHEN PROPOSED PRESSURIZED (WATER & GAS) AND SECONDARY UTILITY IS IN CROSSING CONFLICT WITH AN EXISTING PRESSURIZED/SECONDARY UTILITY, THE PROPOSED UTILITY SHALL DEFLECT TO OBTAIN MINIMUM CLEARANCE.
4. CONTRACTOR SHALL FIELD LOCATE EXISTING PRESSURIZED/SECONDARY UTILITIES AT PROPOSED CROSSINGS.
5. FOR CLEARANCE BETWEEN PIPES OF LESS THAN 18", THE CONTRACTOR SHALL PROVIDE CONCRETE ENCASEMENT (WITH THE EXCEPTION OF ANY NATURAL GAS FACILITY). SEE SHEET C-504.

- 1 NOT USED
- 2 PROP. 1.5" WATER (SEE NOTES ABOVE)  
EXISTING 6" SANITARY INV. = UNKNOWN
- 3 PROP. 1.5" WATER (SEE NOTES ABOVE)  
EXISTING 6" SANITARY INV. = UNKNOWN
- 4 PROP. 1.5" GAS (SEE NOTES ABOVE)  
EXISTING 8" SANITARY INV. = UNKNOWN
- 5 PROP. 1.5" WATER (SEE NOTES ABOVE)  
PROP. 6" SANITARY INV. = 781.81
- 6 PROP. ELECTRIC LINE (SEE NOTES ABOVE)  
PROP. 6" SANITARY INV. = 782.64
- 7 PROP. ELECTRIC LINE (SEE NOTES ABOVE)  
PROP. 6" SANITARY INV. = 782.65
- 8 PROP. 6" STORM INV. = 787.58  
PROP. 6" SANITARY INV. = 783.17
- 9 PROP. 1.5" GAS (SEE NOTES ABOVE)  
PROP. 6" STORM INV. = 785.22
- 10 PROP. 1.5" GAS (SEE NOTES ABOVE)  
PROP. COMMUNICATIONS LINE (SEE NOTES ABOVE)

EXISTING STRUCTURES			
STRCT. ID	STRUCTURE DETAILS		
JB 100	RIM = 785.07 36" HDPE (SE) = 775.30 36" CMP (NW-OUT) = 775.20	DWCB 100	RIM = 788.21 24" HDPE (SE) = 788.60 24" HDPE (NE-OUT) = 788.60
JB OCS	RIM = 789.62 24" HDPE (E) = 776.50 36" HDPE (NW-OUT) = 776.70	SWCB	RIM = 781.53 18" RCP (SW) = 778.40
YI 100	RIM = 785.17 30" HDPE (E) = 781.40	CI 500	RIM = 779.84 BOTTOM = 775.8 18" RCP (IN AND OUT)
CI 100	RIM = 788.73 18" HDPE (SE) = 782.60	CI 600	RIM = 779.91 18" RCP (S) = 774.1 18" RCP (NW-OUT) = 773.8
CI 200	RIM = 789.06 18" HDPE (NW) = 779.10 24" HDPE (SW) = 777.90 24" HDPE (SE-OUT) = 777.90	SSMH 100	RIM = 786.22 8" DIP (NE) = 775.00 8" DIP (SW) = 775.10 8" DIP (NW-OUT) = 775.00
CI 300	RIM = 788.48 24" HDPE (NW) = 777.90 30" HDPE (S) = 782.60 30" HDPE (E-OUT) = 777.90	SSMH 200	RIM = 781.45 8" DIP (S) = 776.85 8" DIP (NE-OUT) = 776.15
JB 200	RIM = 788.80 24" HDPE (SW) = 783.50 30" HDPE (NW-OUT) = 783.50	SSMH 300	RIM = 780.67 18" DIP (N & S) = 767.1
CI 400	RIM = 788.59 24" HDPE (NE) = 783.80	SSMH 400	RIM = 780.26 18" DIP (N & S) = 767.2

NORTH AMERICAN DATUM OF 1983(2011)-STATE  
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BENCHMARK #1	BENCHMARK #2
"X" IN CURB	"X" IN CURB
N 1,516,263.48	N 1,516,319.07
E 2,108,622.57	E 2,108,830.42
ELEV. = 788.12	ELEV. = 788.98

PROPOSED STORM STRUCTURES	
STRICT. ID	STRUCTURE DETAILS
MH 1	PROPOSED 48" DIA. DOGHOUSE STORM MANHOLE (SEE SHEET C-505) RIM=788.80 INV. 24" HDPE (NE)=778.46 EX. INV. 24" HDPE (SW)=778.46 SUMP=776.46
MH 2	PROPOSED STORM MANHOLE 48" DIA. (SEE SHEET C-505) RIM=787.71 INV. 24" HDPE (SW & N)=778.17 SUMP=776.17
MH 3	PROPOSED 48" DIA. DOGHOUSE STORM MANHOLE (SEE SHEET C-505) RIM=786.77 INV. 24" HDPE (S)=778.04 EX. INV. 24" HDPE (E)= 778.04 SUMP=776.04
CB 1	PROPOSED CATCH BASIN (SEE SHEET C-505) RIM=786.00 INV. 6" PVC UNDERDRAIN= 782.00 INV. 18" HDPE (SE)=781.90 SUMP=780.22
CO 1	PROPOSED STORM CLEANOUT (SEE SHEET C-503) RIM=786.00 INV. 6" PVC UNDERDRAIN= 782.625

PROPOSED SANITARY STRUCTURES	
STRICT. ID	STRUCTURE DETAILS
SAN 1	PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR (SEE CITY OF CARTERSVILLE DETAIL ON SHEET C-502) RIM=789.22 INV. 6" PVC (N)= 783.00 INV. 6" PVC (S)= 782.83
SAN 2	PROPOSED SANITARY MANHOLE 48" DIA. (SEE SHEET C-503) RIM=788.20 INV. 6" PVC (NE)= 782.66 INV. 6" PVC (NW)= 782.56

1. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE ELECTRICAL SERVICE PRIOR TO CONSTRUCTION (770) 387-5631.
2. ALL SERVICE INSTALLATIONS SHALL COMPLY WITH THE CURRENT NATIONAL ELECTRICAL CODE.
3. ANY TRENCHING OR CUTTING OF EXISTING CONCRETE OR ASPHALT SHALL BE REPAIRED BY THE CONTRACTOR. CARTERSVILLE ELECTRIC SYSTEM (CES) WILL COMPACT AND BACKFILL THEIR TRENCHES WITH EARTH AND/OR GRAVEL. THE CONTRACTOR SHALL REPAIR OR REPLACE CONCRETE OR ASPHALT SURFACES AS REQUIRED.
4. THE ELECTRICAL CONTRACTOR SHALL ABIDE BY THE LATEST VERSION OF THE "CARTERSVILLE ELECTRIC SYSTEM CONTRACTOR'S MANUAL" FOR CE CONSTRUCTION SPECIFICATIONS.
5. A MINIMUM OF TWELVE (12) INCHES OF VERTICAL SEPARATION SHALL BE MAINTAINED AT ALL CROSSINGS OVER OR UNDER CES UNDERGROUND LINES.
6. A MINIMUM OF 36" HORIZONTAL SEPARATION SHALL BE MAINTAINED FROM ALL UNDERGROUND FACILITIES INSTALLED PARALLEL TO CES UNDERGROUND LINES.
7. NO SHRUBS, TREES OR STRUCTURES SHALL BE PLACED WITHIN TEN (10) FEET OF THE FRONT OR WITHIN FOUR (4) FEET OF THE SIDES OR REAR OF PAD-MOUNTED TRANSFORMERS.
8. ALL LAND ACQUISITIONS SHALL BE COORDINATED WITH CES PRIOR TO INSTALLATION. CES MUST APPROVE THE LOCATION OF ALL METERING POINTS.
9. EROSION & SEDIMENT CONTROL SHALL BE ADDRESSED AS FOLLOWS:
  - a. CES SHALL APPLY STRAW OR HAY MULCH OVER ALL AREAS DISTURBED SPECIFICALLY BY THE CONSTRUCTION OF THE CES ELECTRICAL FACILITIES WITHIN THE DEVELOPMENT.
  - b. THE CONTRACTOR SHALL MAINTAIN OR RE-APPLY SUCH EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REQUIREMENTS AFTER INITIAL APPLICATION BY CARTERSVILLE ELECTRIC SYSTEM.
  - c. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REPAIR ANY AND ALL EROSION AND SEDIMENT CONTROL MEASURES NECESSARY OR REQUIRED TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL EROSION AND SEDIMENT CONTROL REQUIREMENTS. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO THOSE WHICH MAY BE ASSOCIATED WITH THE CONSTRUCTION OF THE CES ELECTRICAL FACILITIES WITHIN THE DEVELOPMENT, WITH THE EXCEPTION OF THE MEASURES LISTED IN THESE NOTES AS BEING COMPLETED BY CES.
  - d. ANY AND ALL BMPs IN CONFLICT WITH THE PROPOSED CES CONSTRUCTION SHALL BE RELOCATED OR REMOVED AND REPLACED BY AND AT THE EXPENSE OF THE DEVELOPER.
10. UNLESS OTHER ARRANGEMENTS ARE MADE BETWEEN ALL AFFECTED PARTIES INCLUDING CES, ALL PROPOSED UTILITY EASEMENTS SHALL BE CLEARLY MARKED AND LABELED ON THE JOB SITE BY A PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.
11. ANY REQUESTED RELOCATION OF CES POLES OR OTHER FACILITIES SHALL BE DONE AT THE CUSTOMER'S EXPENSE. RELOCATIONS WILL BE DONE AT THE DISCRETION OF CES, AND ONLY AFTER RELOCATION COSTS HAVE BEEN PAID IN FULL.

1. CONTRACTOR TO ENSURE WATER TIGHT CONNECTION AT ALL PROPOSED DOGHOUSE MANHOLES
2. CONTRACTOR SHALL SUPPLY ALL FITTINGS, ADAPTERS, AND ASSOCIATED PIPES AND CONNECTIONS TO COMPLETE PROPOSED UTILITY INSTALLATION.
3. REFER TO BUILDING AND PLUMBING PLANS FOR EXACT UTILITY ENTRY, AND EXTERIOR CLEANOUTS ALONG BUILDING EDGE/FACE.
4. ALL EARTHWORK AND/OR CURBING IN THE AREAS OF THE PROPOSED NATURAL GAS FACILITIES SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF THE PROPOSED NATURAL GAS FACILITIES

101. PROPOSED 6" PVC DOWNSPOUT COLLECTOR LINE @ 4.17%, 24 L.F. 6" INV. = 786.00 AT BUILDING.
101. PROPOSED 6" PVC DOWNSPOUT COLLECTOR LINE @ 2.5%, 40 L.F. TOTAL. 6" INV. = 786.00 AT BUILDING.
102. PROPOSED 6" PERFORATED PVC PIPE @ 0.50%, 150 L.F. TOTAL. 6" INV. = 782.75 AT START. 6" INV. = 782.50 AT CATCH BASIN.
103. PROPOSED 24" L.F. OF 24" (HDPE) STORM SEWER @ 0.58%
104. PROPOSED 21 L.F. OF 24" (HDPE) STORM SEWER @ 0.58%
105. PROPOSED 32 L.F. OF 18" (HDPE) STORM SEWER @ 1.00%
106. PROPOSED STORMWATER CONNECTION INTO EXISTING YARD INLET (Y-100, RIM=785.17, EX. 30" HDPE IN, (E. OUT) = 781.40, PROPOSED TI-IN 24" HDPE IN, (W-1) 781.58, CONTRACTOR SHALL NEATLY CORE DRILL EXISTING STRUCTURE AND ENSURE WATER TIGHT CONNECTION.

200. PROPOSED SANITARY CONNECTION, INV=783.25.  
201. PROPOSED 2 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
202. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-503. 6" INV= 783.20. RIM=789.40  
203. PROPOSED 6 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
204. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-503. INV=783.04. RIM=789.06  
205. PROPOSED 2 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
206. PROPOSED 2 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
207. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION, SEE SHEET C-503. INV=782.78. RIM=789.41  
208. PROPOSED 7 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
209. PROPOSED WYE CONNECTION, INV=782.61.  
210. PROPOSED SANITARY CONNECTION, INV=783.25.  
211. PROPOSED 2 L.F. OF 6" (PVC) SANITARY SEWER @ 5.00%.  
212. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-503. INV= 783.14 RIM=789.40  
213. PROPOSED 2 L.F. OF 6" (PVC) SANITARY SEWER @ 5.00%.  
214. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-503. INV=783.04. RIM=789.33.  
215. PROPOSED 17 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
216. PROPOSED 5 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
217. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-502. INV=782.06. RIM=788.43.  
218. PROPOSED 97 L.F. OF 6" (PVC) SANITARY SEWER @ 2.50%.  
219. PROPOSED 42 L.F. OF 6" (PVC) SANITARY SEWER @ 2.30%.  
220. PROPOSED SANITARY CLEANOUT AND WYE CONNECTION SHEET C-503. INV= 787.50. RIM=788.64.  
221. PROPOSED 10 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00% MINIMUM.  
222. PROPOSED SEWER CONNECTION TO EXISTING WYE. PRIOR TO START OF SANITARY CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY LOCATION, INVERT AND CONDITION OF EXISTING SANITARY LATERAL FOR RE-USE. CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTS AND PROPOSED SANITARY DESIGN CAN BE ACHIEVED. IF DESIGN CANNOT BE ACHIEVED, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.  
223. PROPOSED 35 L.F. OF 3" VENT PIPE TO GREASE INTERCEPTOR. COORDINATE EXACT LOCATION WITH PLUMBING PLANS.  
224. NOT USED.  
225. PROPOSED 10 L.F. OF 6" (PVC) SANITARY SEWER @ 5.00%.  
SANITARY NOTE: ALL PROPOSED SANITARY WORK SHALL BE PRIVATELY OWNED AND MAINTAINED.

300. PROPOSED DOMESTIC WATER CONNECTION TO BUILDING. COORDINATE WITH PLUMBING PLANS.  
EXISTING WATER METER AND BACKFLOW PREVENTOR LOCATED WITHIN THE ACADEMY SPORTS  
AND OUTDOORS SHOPPING CENTER TO BE REUSED.

301. PROPOSED 1" IRRIGATION LINE, REFER TO IRRIGATION AND PLUMBING PLANS.

302. PROPOSED 196 L.F., 1.5" (COPPER TYPE K) WATER SERVICE LINE. PROPOSED WATER SERVICE LINE  
TO TIE INTO EXISTING 1.5" DOMESTIC LINE. CONTRACTOR SHALL FIELD VERIFY LOCATION AND  
CONDITION OF EXISTING 1.5" DOMESTIC LINE.

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PLAN VERSION:	OCTOBER 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.24

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CARTERSVILLE, GA 30120



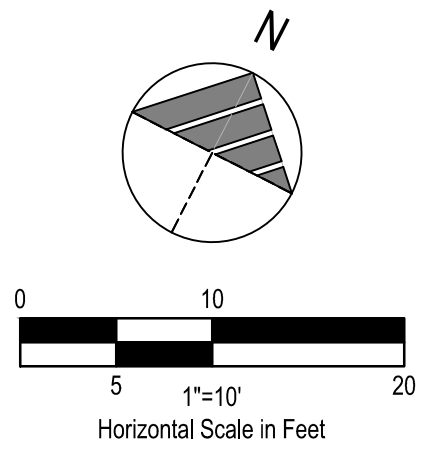
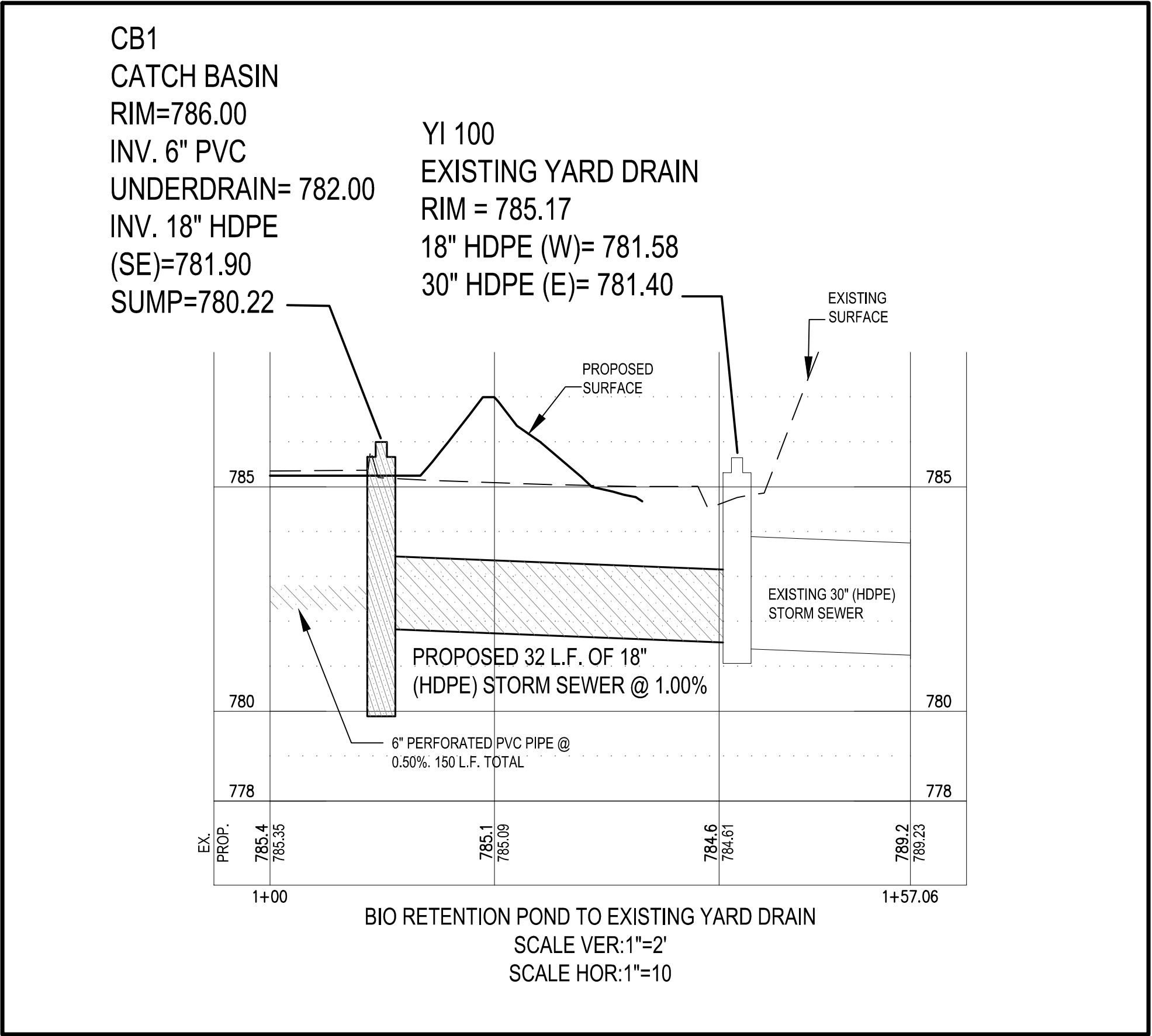
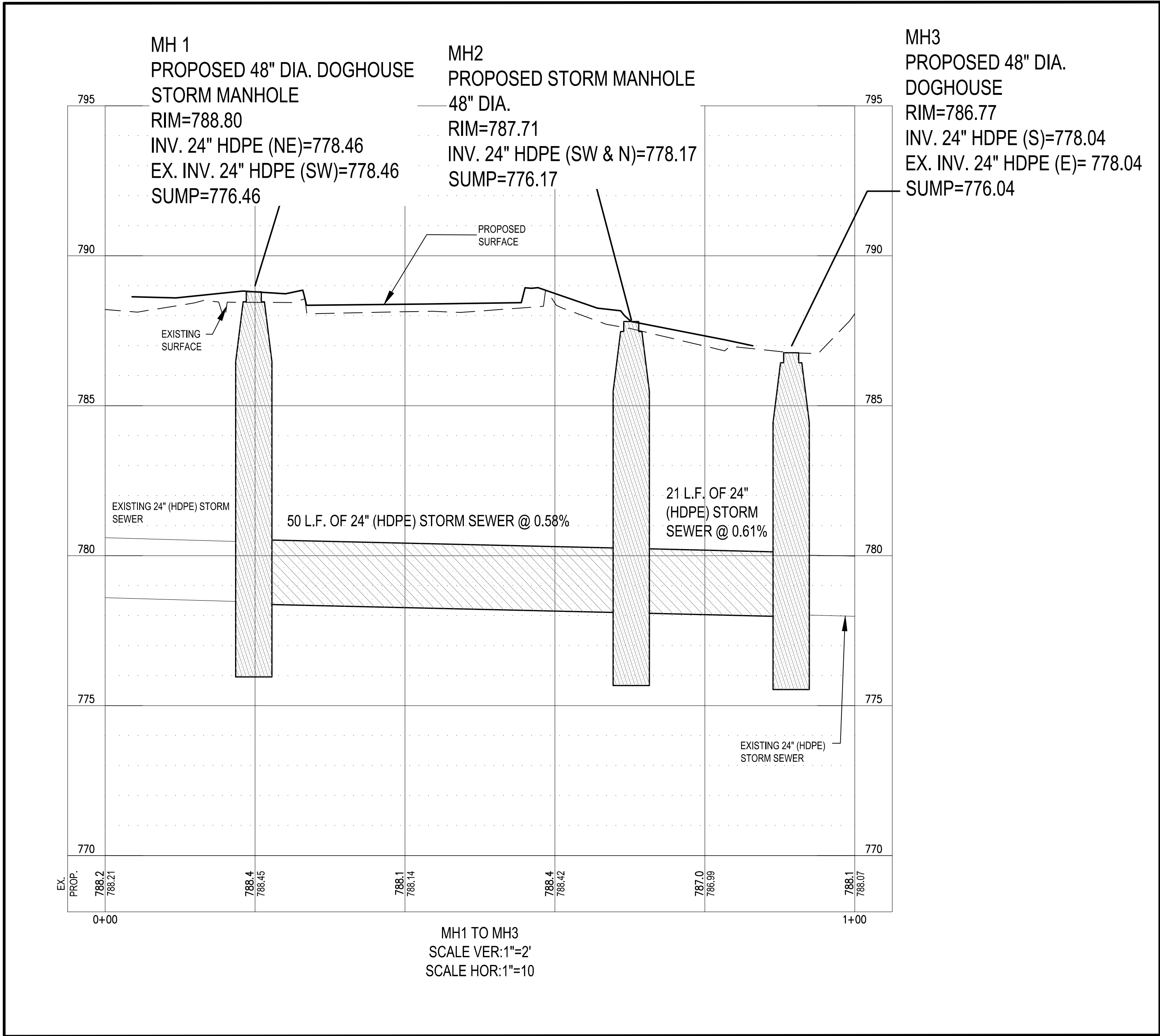
# ENDEAVOR 20 UTILITY PLAN

# C-131

PLOT DATE:



Drawing Name: C:\2020\202008824 - Cartersville, GA\4\_ Working Files\01\_CAD\00\_Dwg\CSheets\202008824 Profiles.dwg  
March 31, 2022 - ASner



**BENCHMARKS:**

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PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

**TACO BELL**

403 E. MAIN ST.  
CARTERSVILLE, GA 30120



**ENDEAVOR 20  
UTILITY PROFILES**

**C-132**

PLOT DATE:

FOR  
REFERENCE  
ONLY

	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
Δ1	01-07-2021	CITY COMMENTS
Δ2	02-18-2022	CITY COMMENTS
	03-17-2022	ISSUED FOR RSCS B
	04-01-2022	ISSUED FOR BID

CONTRACT DATE:	
BUILDING TYPE:	END
PLAN VERSION:	OCTOBER 20
BRAND DESIGNER:	DICKSON
SITE NUMBER:	2932
STORE NUMBER:	4553
PA/PM:	S
DRAWN BY.:	I
JOB NO.:	2020088

TACO BELL

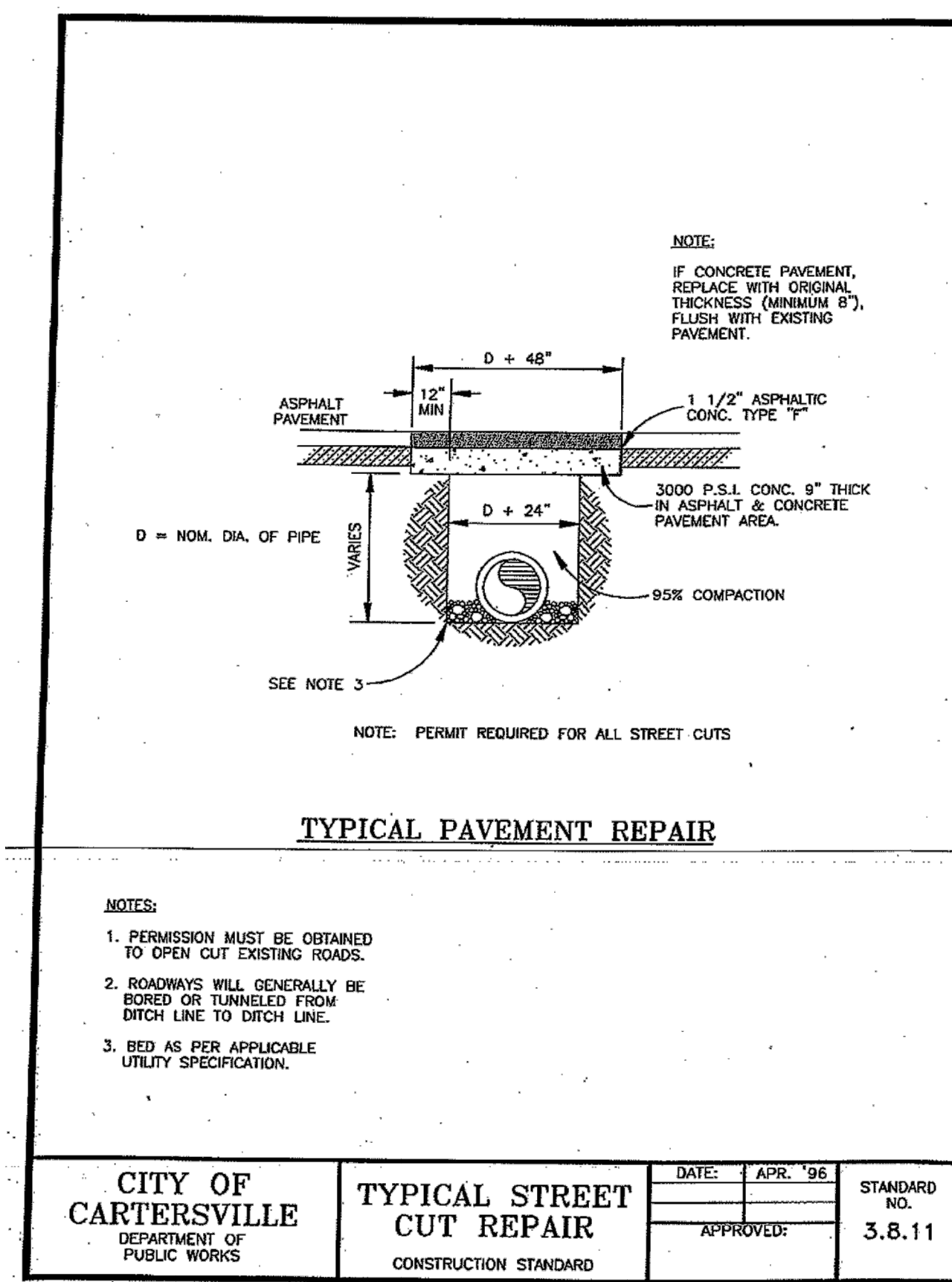
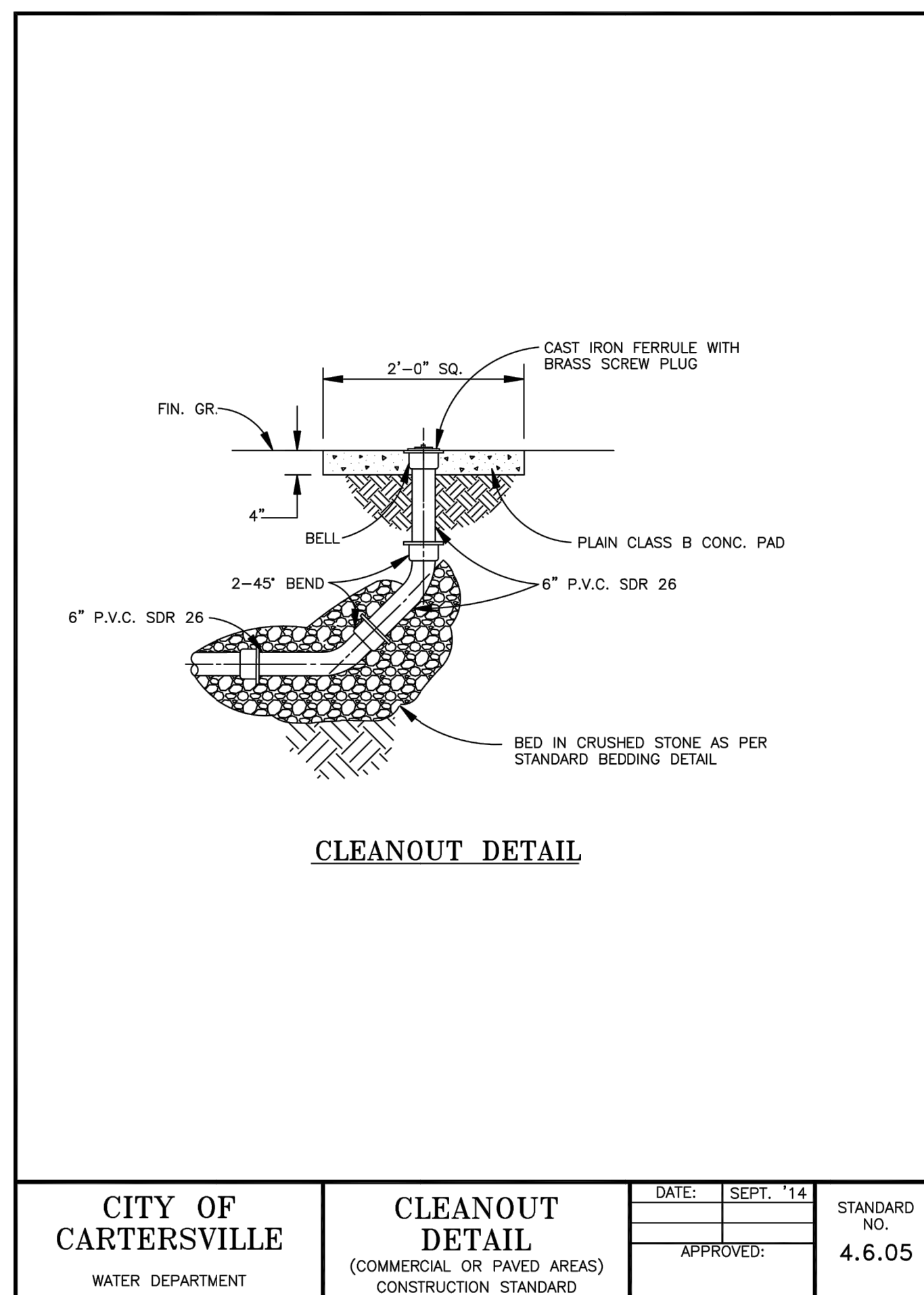
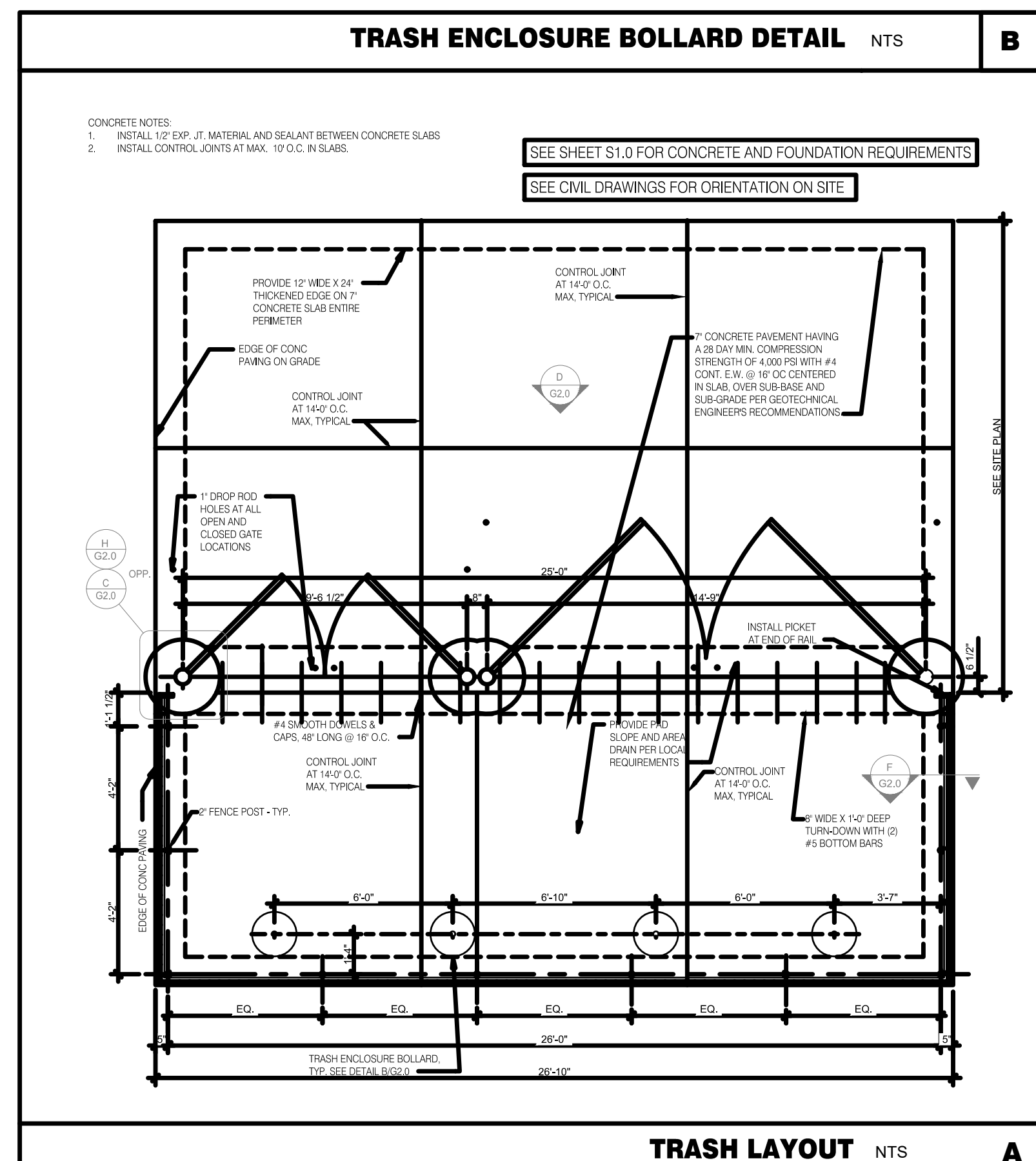
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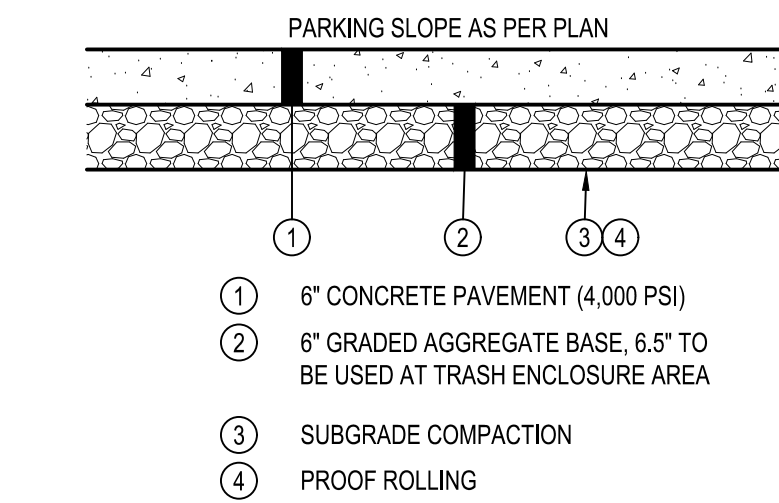
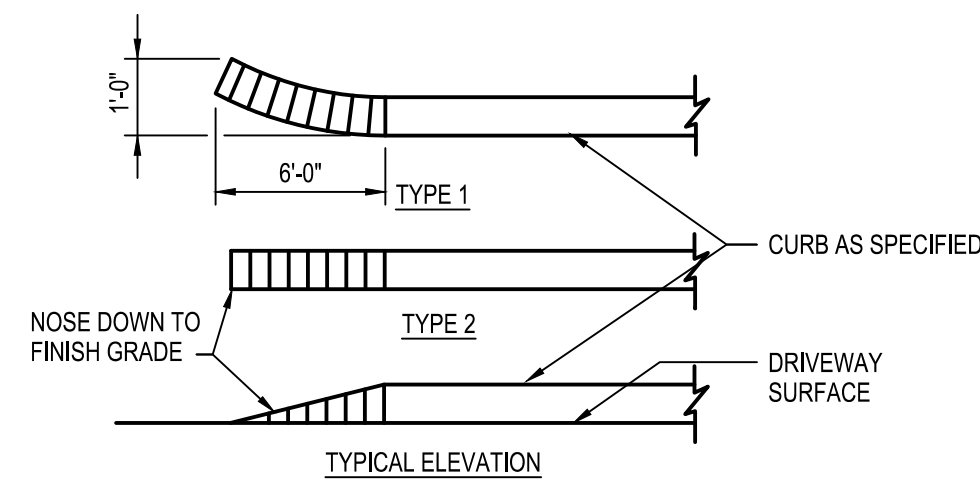
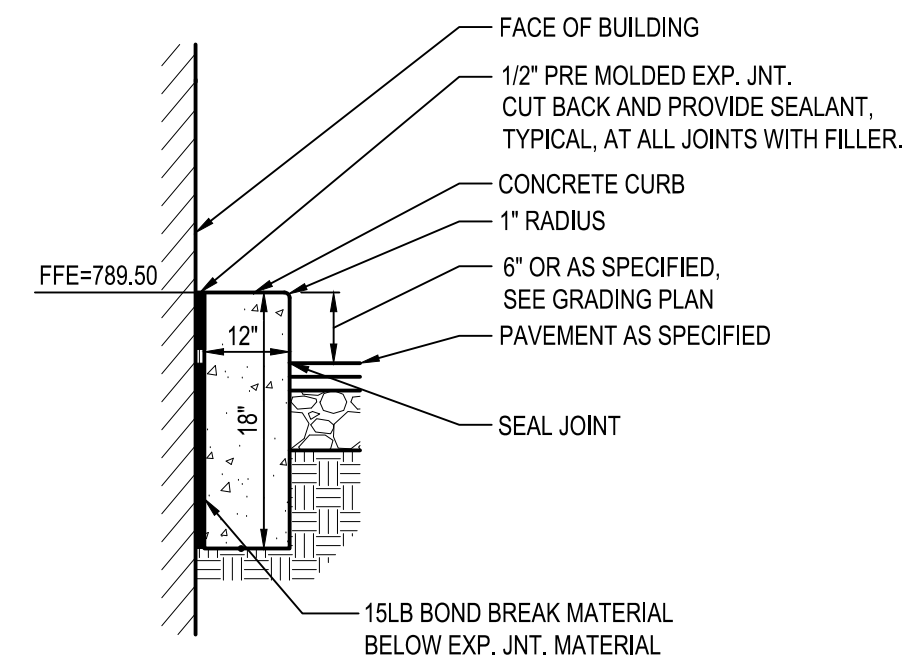
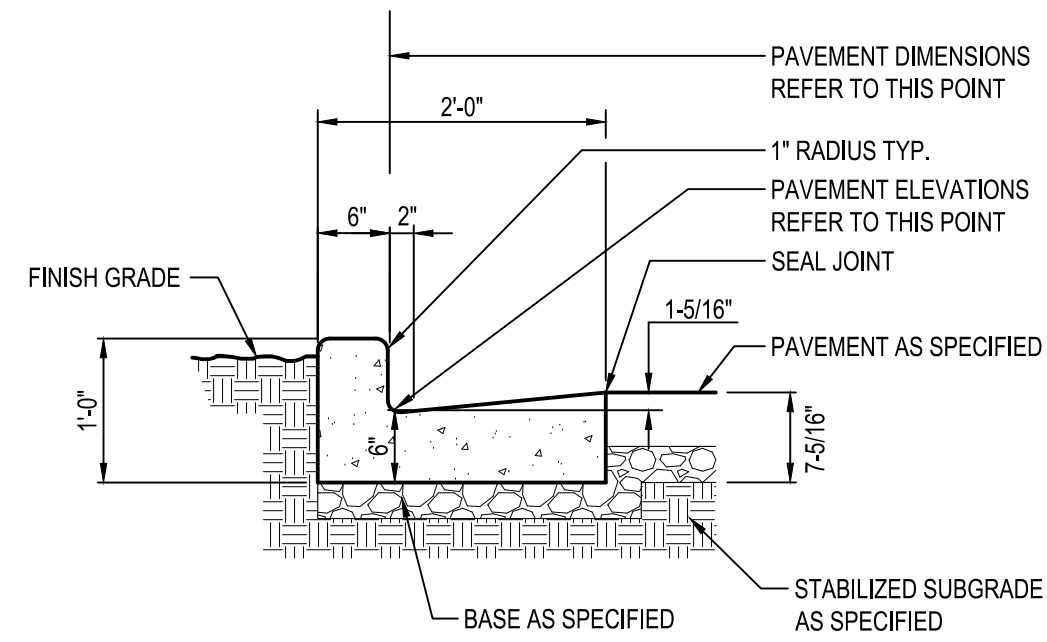
ENDEAVOR 20  
CITY OF  
CARTERSVILLE &  
MISC. DETAILS

C-501

PLOT DATE

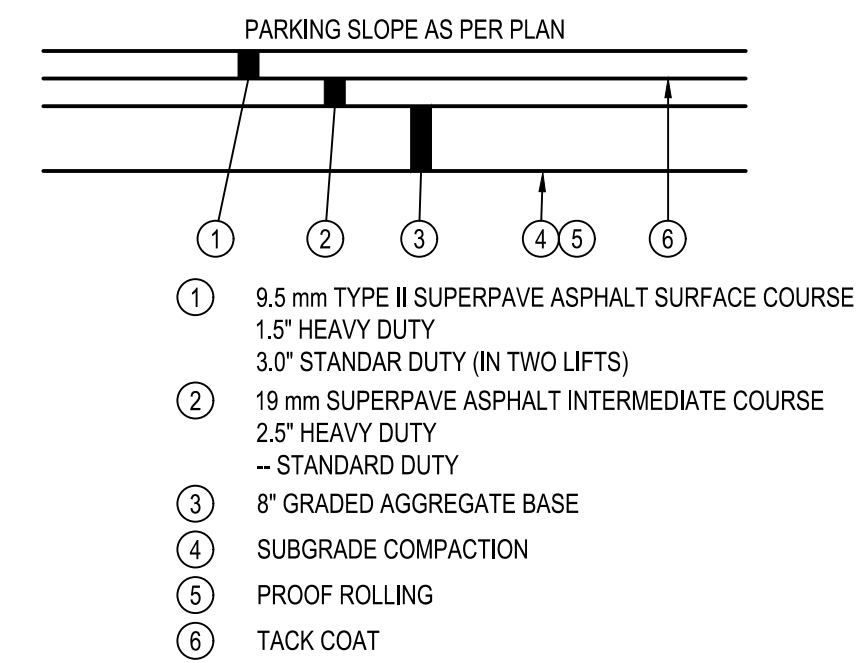


This document has not been reviewed by the stamping party. Therefore, the stamping party makes no representation(s) with respect to its contents, and shall not be liable for such. Any reliance on this stamp shall be at the relying party(ies)'s own risk and hereby waives any and all claim(s) related to the existence of the stamp or otherwise.



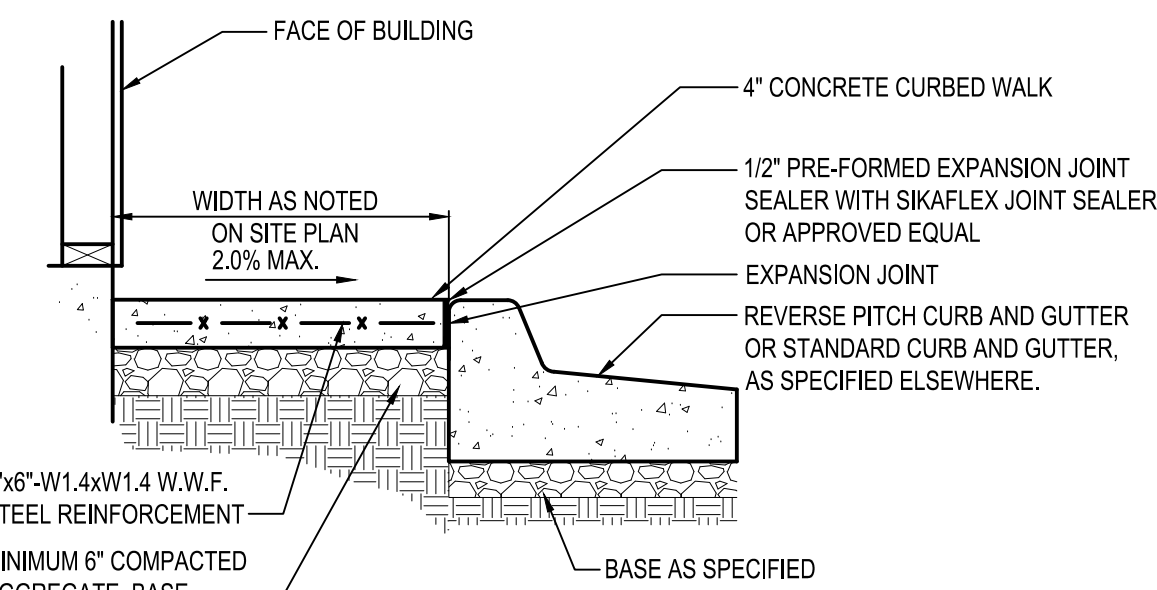
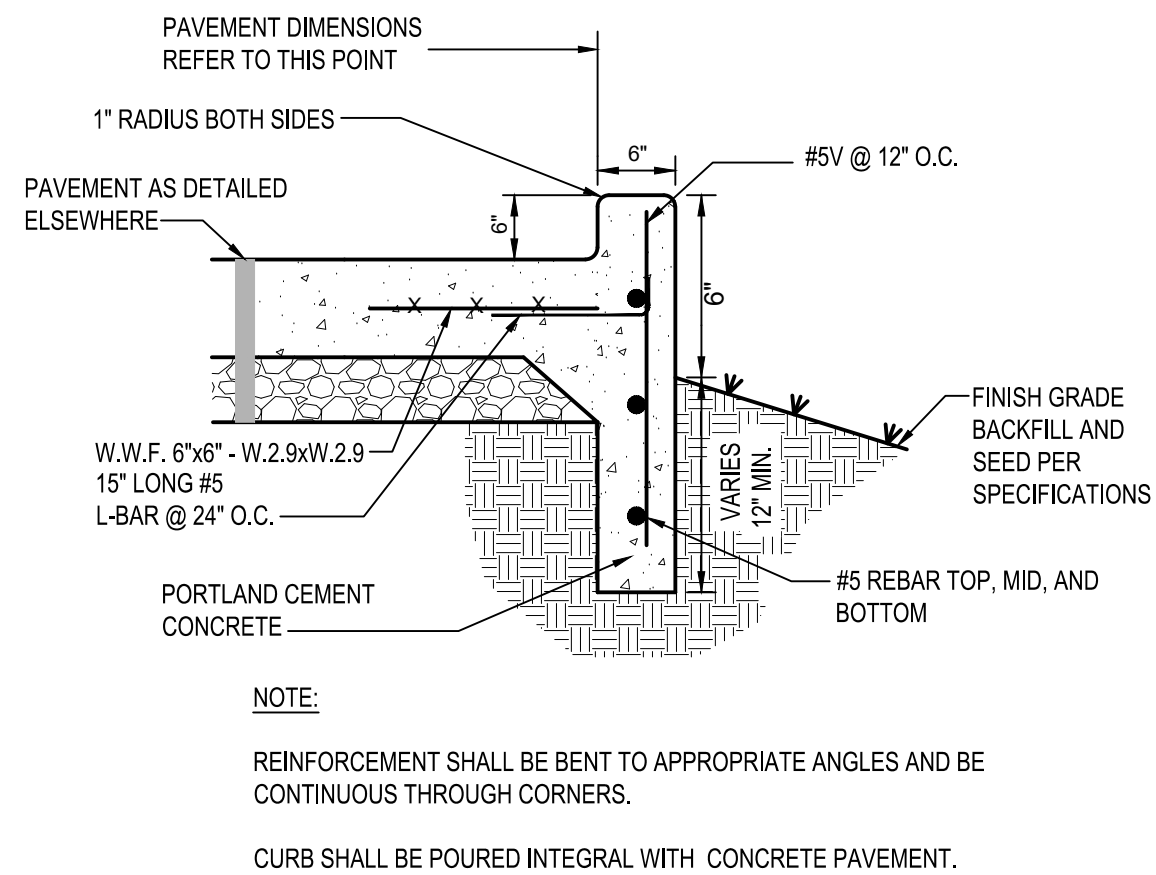
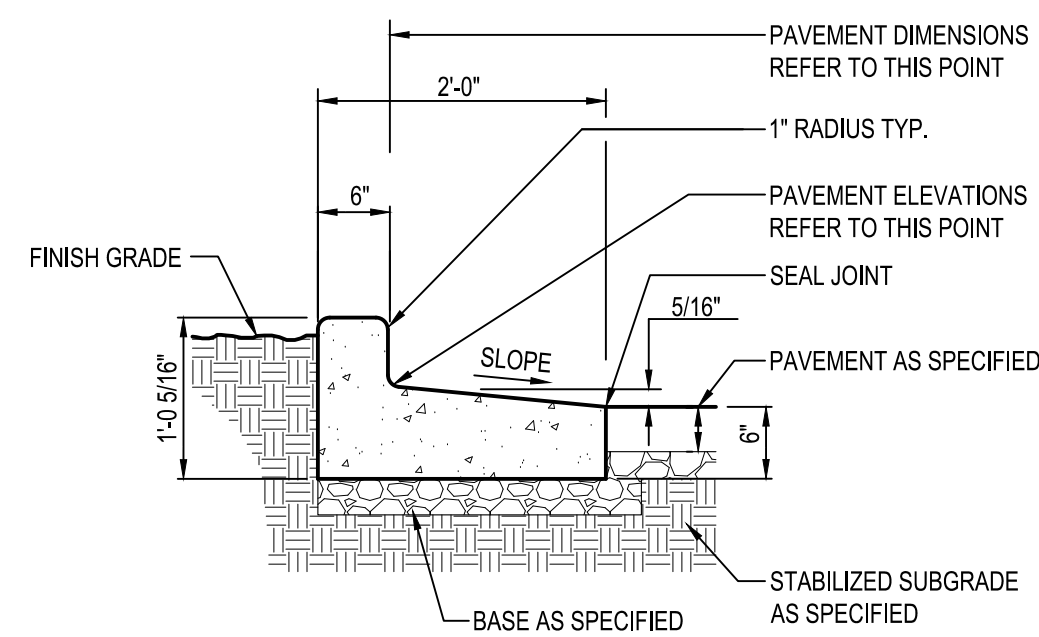
- NOTES:

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT. APPLY CONCRETE SEALANT CONFORMING TO ASTM D6690 WHERE PROPOSED CONCRETE MEETS EXISTING CONCRETE.
2. SEE SITE PLAN FOR PAVEMENT REINFORCEMENT.
3. CONCRETE PAVEMENT SHALL HAVE CONTROL JOINTS PER CONCRETE NOTES SHEET C-001.



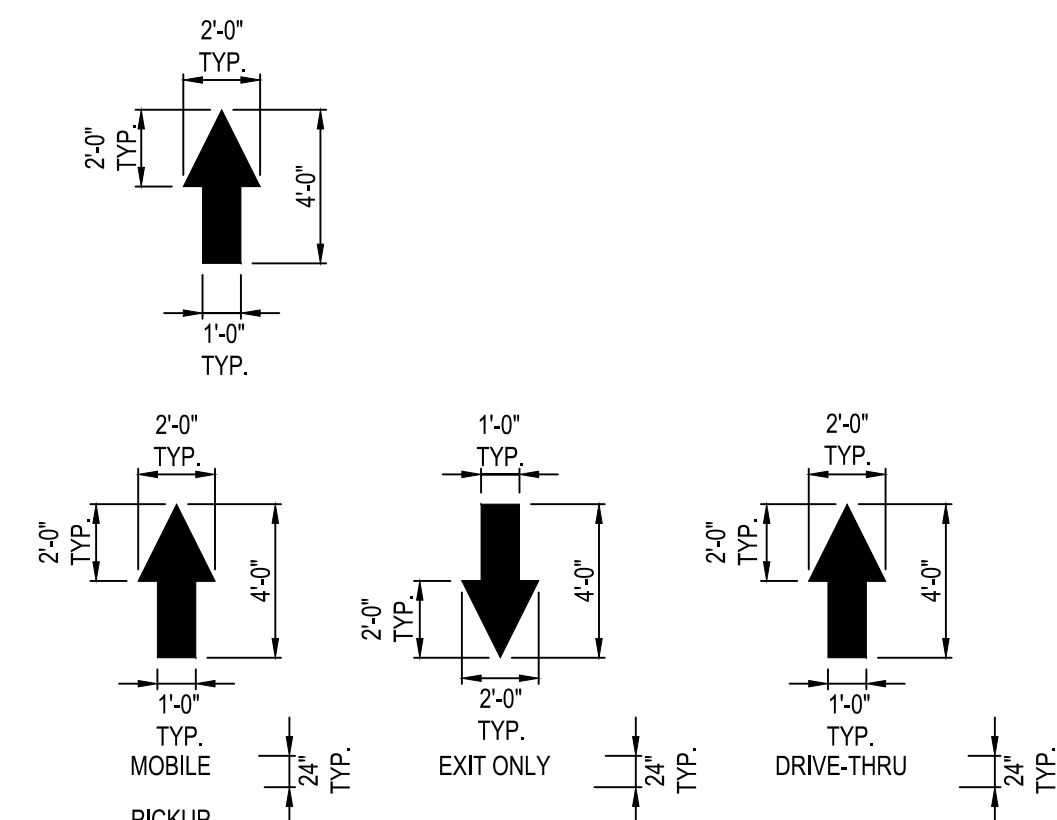
- NOTES:

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
2. SEE SITE PLAN FOR PAVEMENT LOCATIONS.
3. NO RAP SHALL BE PERMITTED IN ASPHALT SURFACE COURSE.



- NOTES:

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING
2. FIBER MAY BE USED IN PLACE OF STEEL REINFORCEMENT, SEE CONCRETE NOTES SHEET C-001.



NOTES:

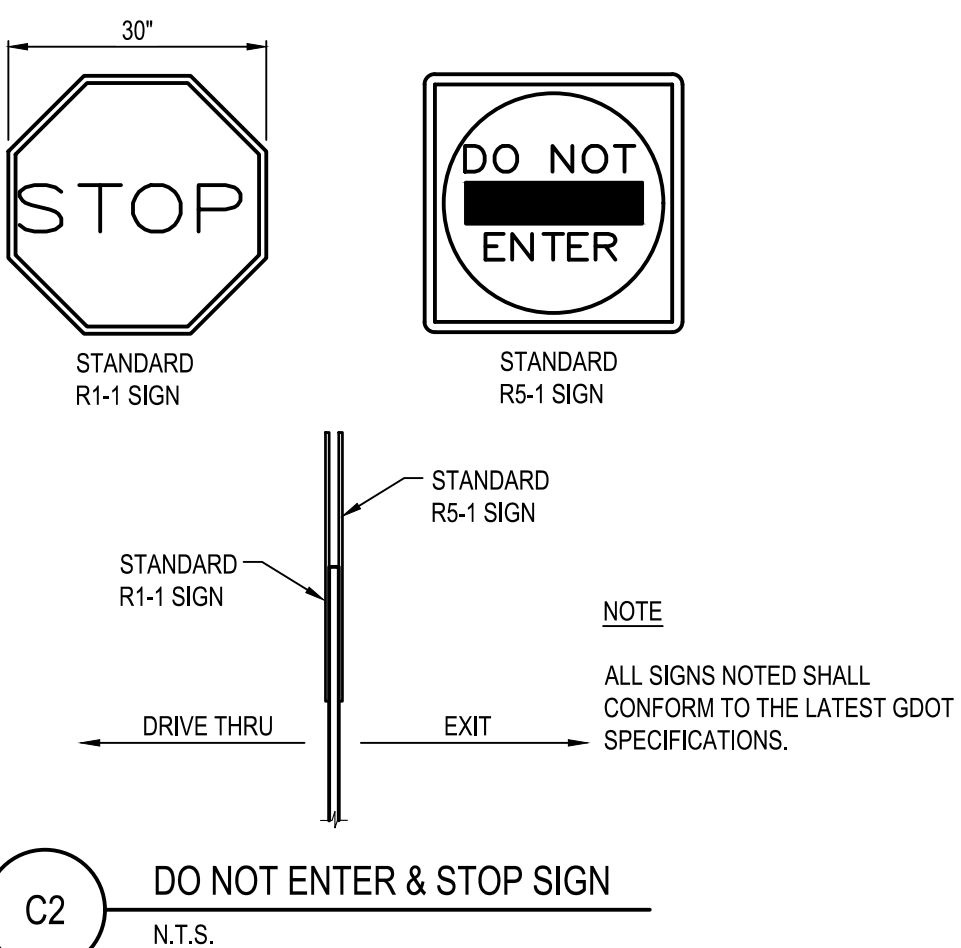
ALL PAVEMENT MARKINGS TO BE WHITE PAVEMENT PAINT, UNLESS STATED OTHERWISE.  
ALL PAVEMENT MARKINGS WITHIN ADA AREAS SHALL BE PAINTED BLUE EXCEPT FOR  
COLORS DEFINED ON THE ADA PAVEMENT SYMBOL.

MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, ADA PARKING AND SYMBOLS, ETC., PER LOCAL REQUIREMENTS AND AS FOLLOWS:

PAVEMENT MARKINGS SHALL BE PER GDOT SECTION 870 NO. 5A (WHITE PAINT) AND NO. 5B (YELLOW PAINT).

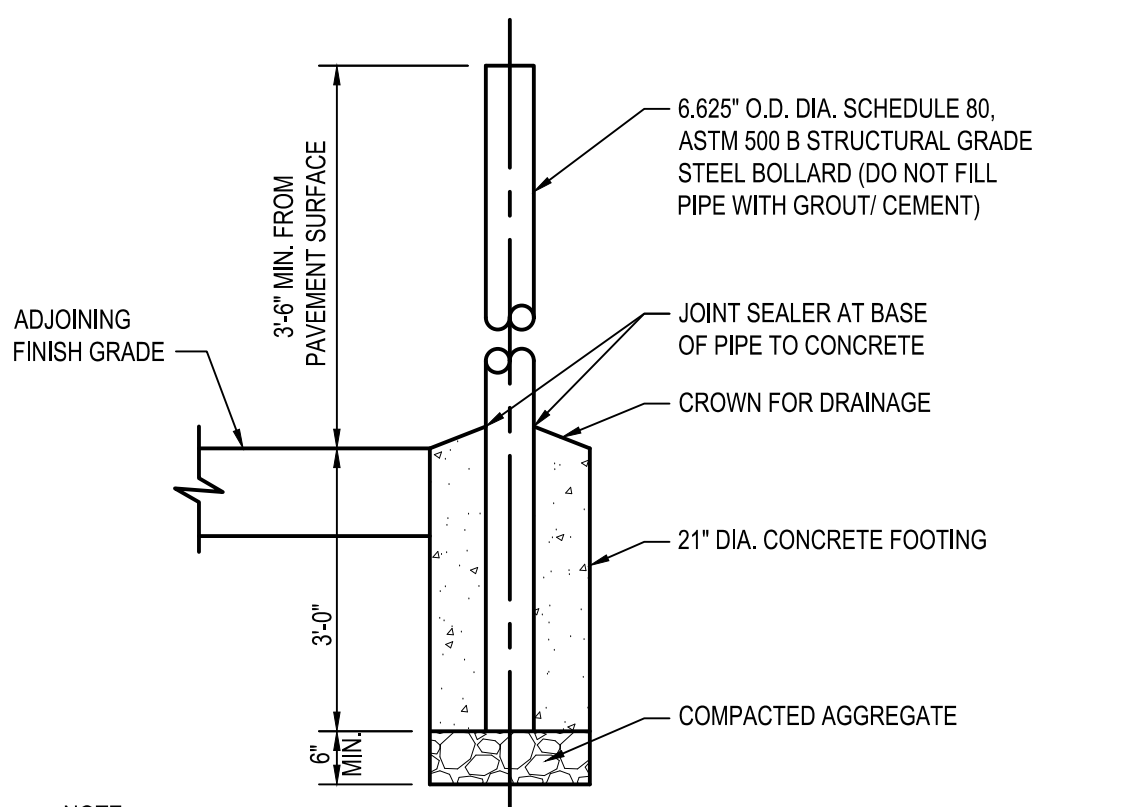
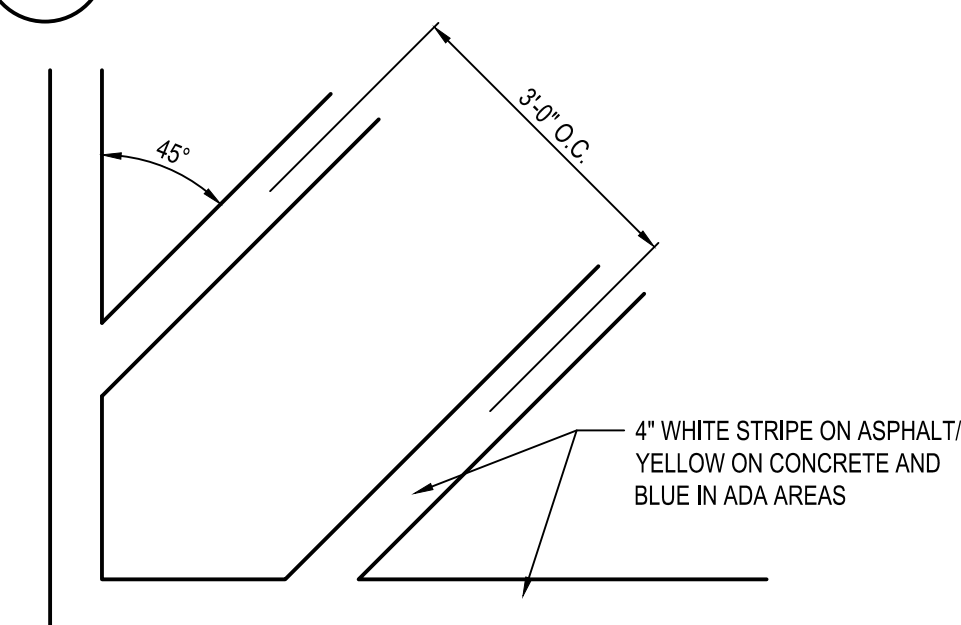
PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT ADA ACCESS RAMPS.

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. CONTRACTOR SHALL APPLY THE SECOND COAT NO SOONER THAN 30 DAYS OF APPLYING THE FIRST COAT.



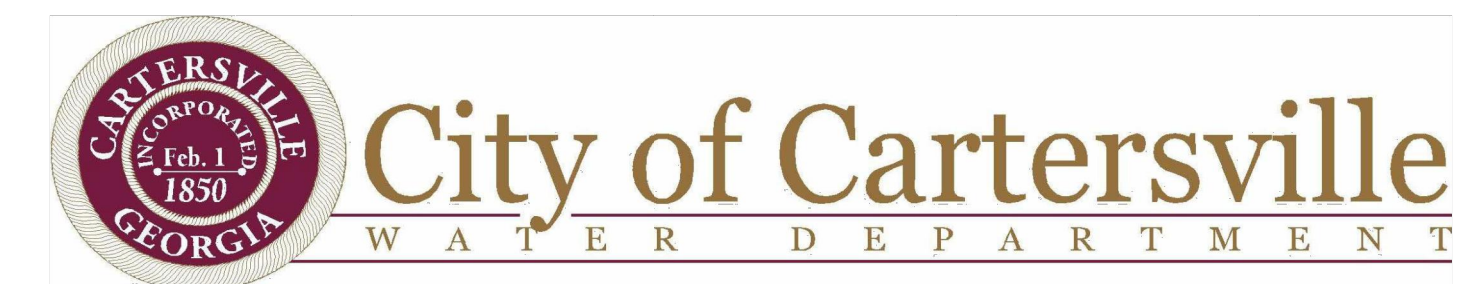
NOTE

ALL SIGNS NOTED SHALL  
CONFORM TO THE LATEST GDOT  
SPECIFICATIONS.

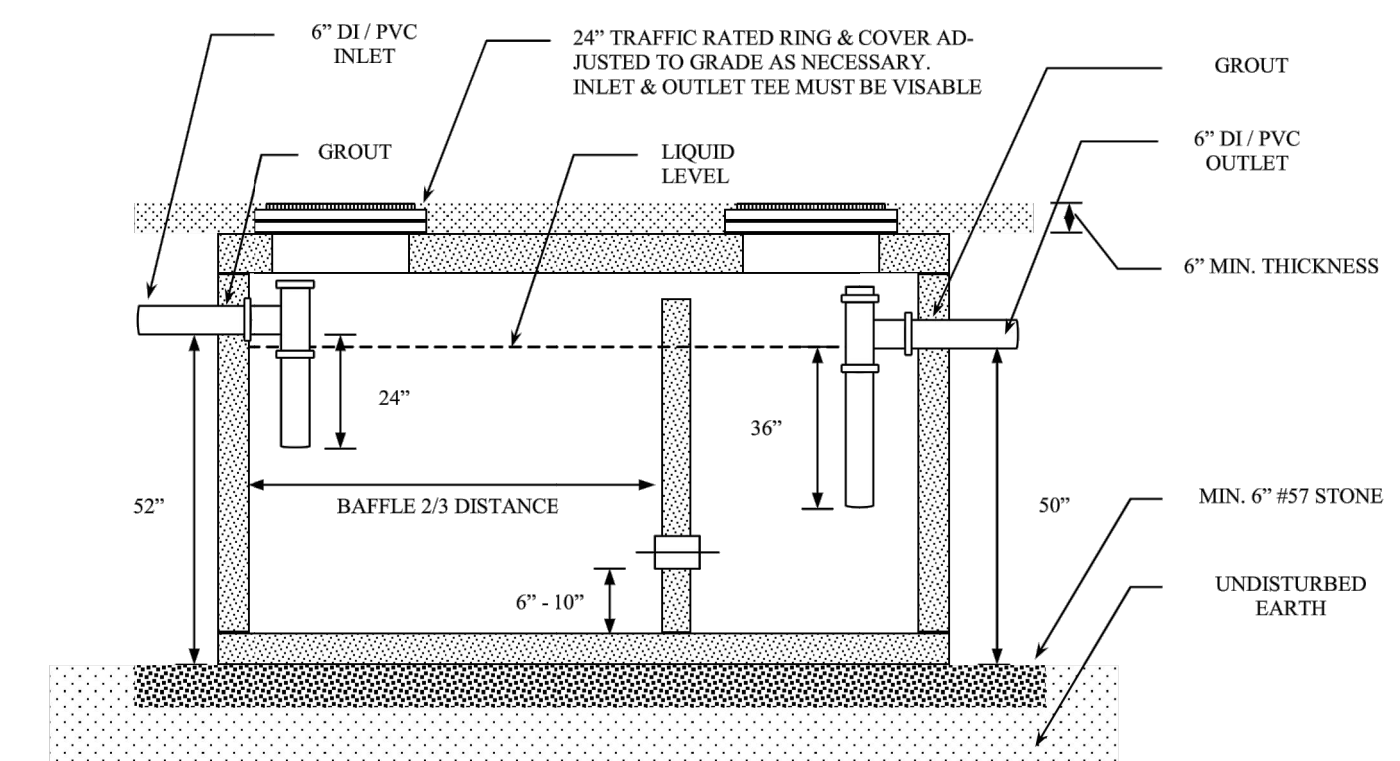
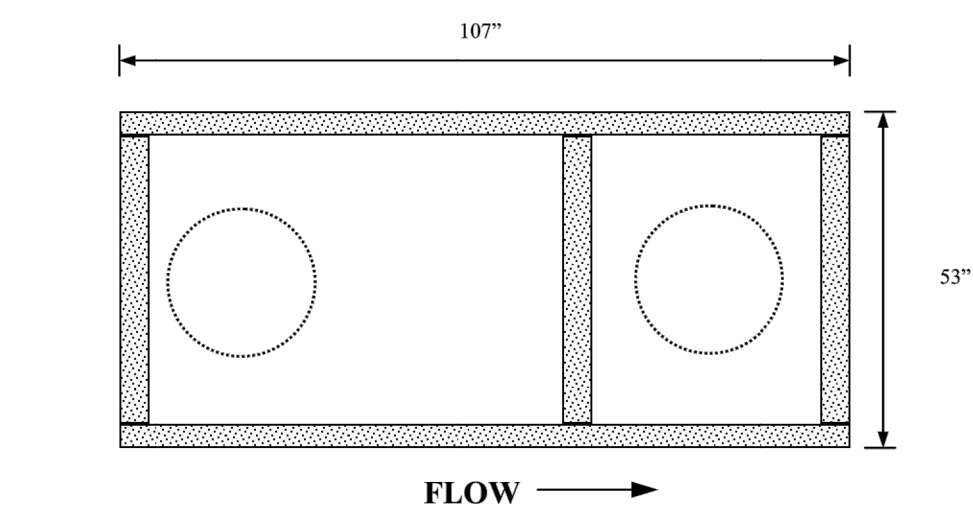


- NOTE:

1. CONTRACTOR SHALL PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CUR (B59W610), IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS AND PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER. COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL.
2. WHERE UTILIZED FOR PEDESTRIAN SEPARATION/ PROTECTION CONTRACTOR SHALL INSTALL A CRASH RATED BOLLARD AND FOOTING PER ASTM F3016/3016M, TYPICAL SPACING OF 5'-6" CENTER TO CENTER WITH AN ANTICIPATED \$20 RATING FOR BIDDING PURPOSES - FINAL SPACING AND RATING SHALL BE IN ACCORDANCE WITH ASTM AND THE MANUFACTURERS REQUIREMENTS FOR PROPOSED LOCATIONS AND POSSIBLE VEHICLE APPROACH SPEED. UTILIZATION OF CRASHCORE BOLLARD BY MCCUE.COM OR APPROVED EQUAL SHALL BE IN ACCORDANCE WITH MANUFACTURE SPECIFICATIONS. CONTRACTOR SHALL BE OR BECOME CERTIFIED INSTALLERS. CONTACT MANUFACTURER(S) FOR DETAILS.



1,000 GALLON GREASE INTERCEPTOR  
REVISED: 7/2/07  
DRAWING NOT TO SCALE



- NOTES:**

- CONCRETE TO BE 4000 PSI @ 28 DAYS
- BUTYL RUBBER SEALANT USED AT JOINTS
- 24" ACCESS HOLE SUITABLE FOR RING AND COVER

The detail above (Grease Interceptor) has not been reviewed by the stamping party. Therefore, the stamping party makes no representation(s) with respect to its contents, and shall not be liable for such. Any reliance on this stamp shall be at the relying party(ies)'s own risk and hereby waives any and all claim(s) related to the existence of the stamp or otherwise.



	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
Δ1	01-07-2021	CITY COMMENTS
Δ2	02-18-2022	CITY COMMENTS
	03-17-2022	ISSUED FOR RSCS BID
	04-01-2022	ISSUED FOR BID

CONTRACT DATE:	
BUILDING TYPE:	END20
PLAN VERSION:	OCTOBER 202
BRAND DESIGNER:	DICKSON
SITE NUMBER:	29329
STORE NUMBER:	45538
SPA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.2

TACO BELL

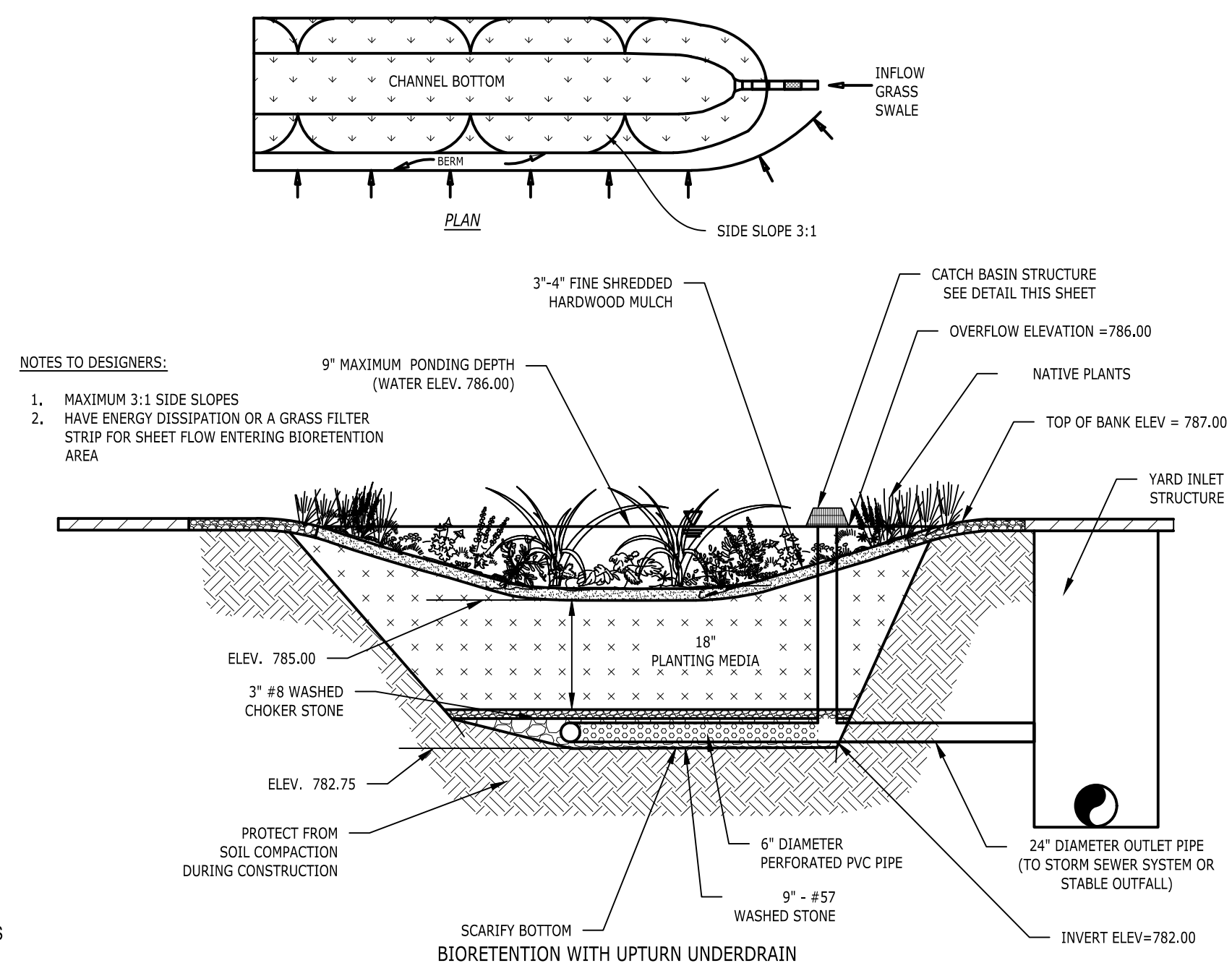
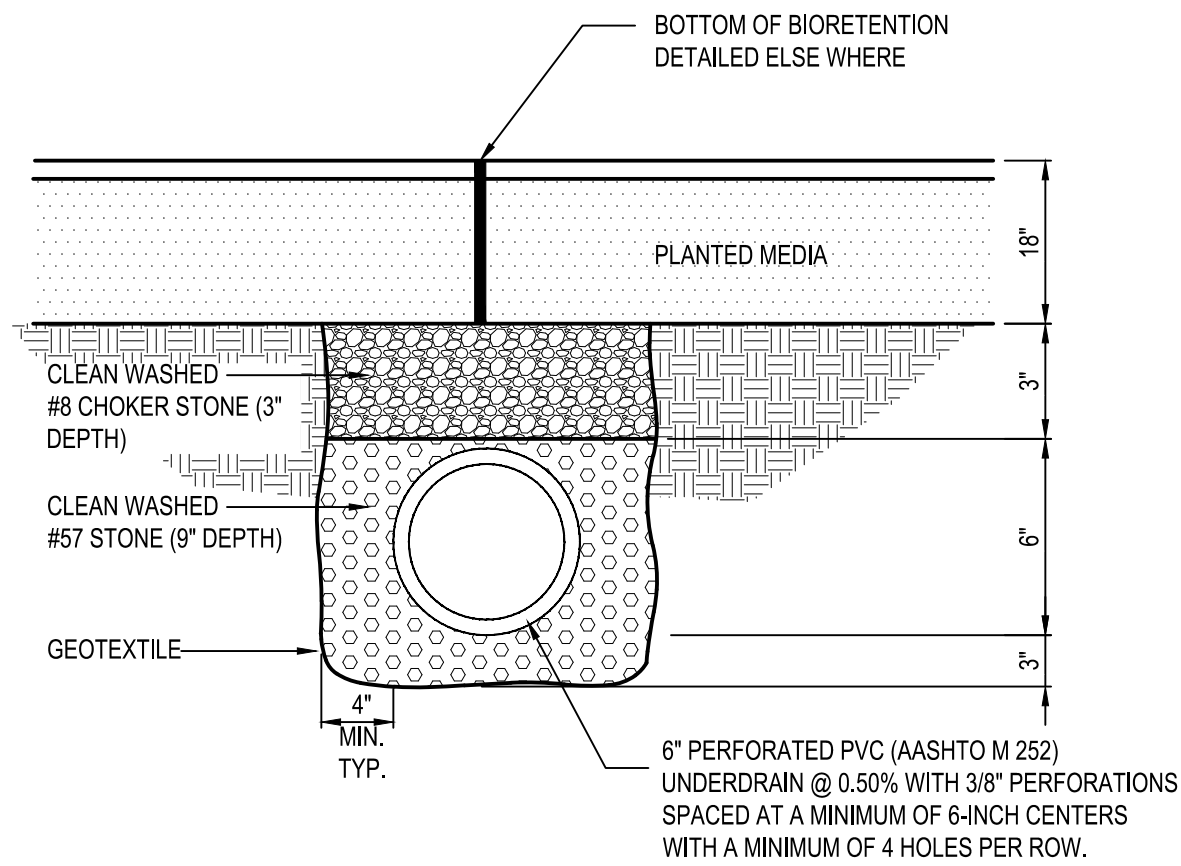
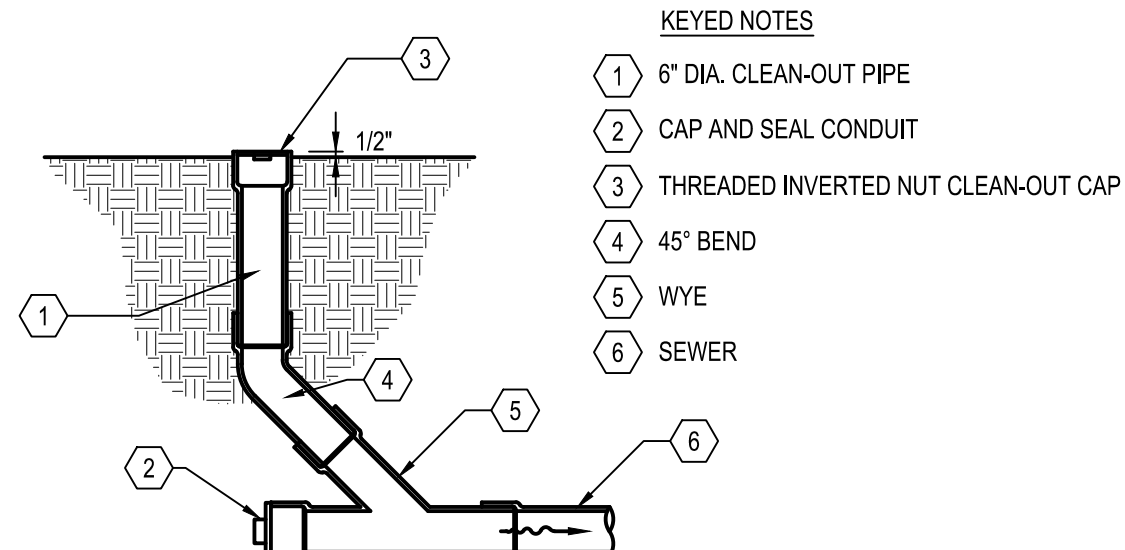
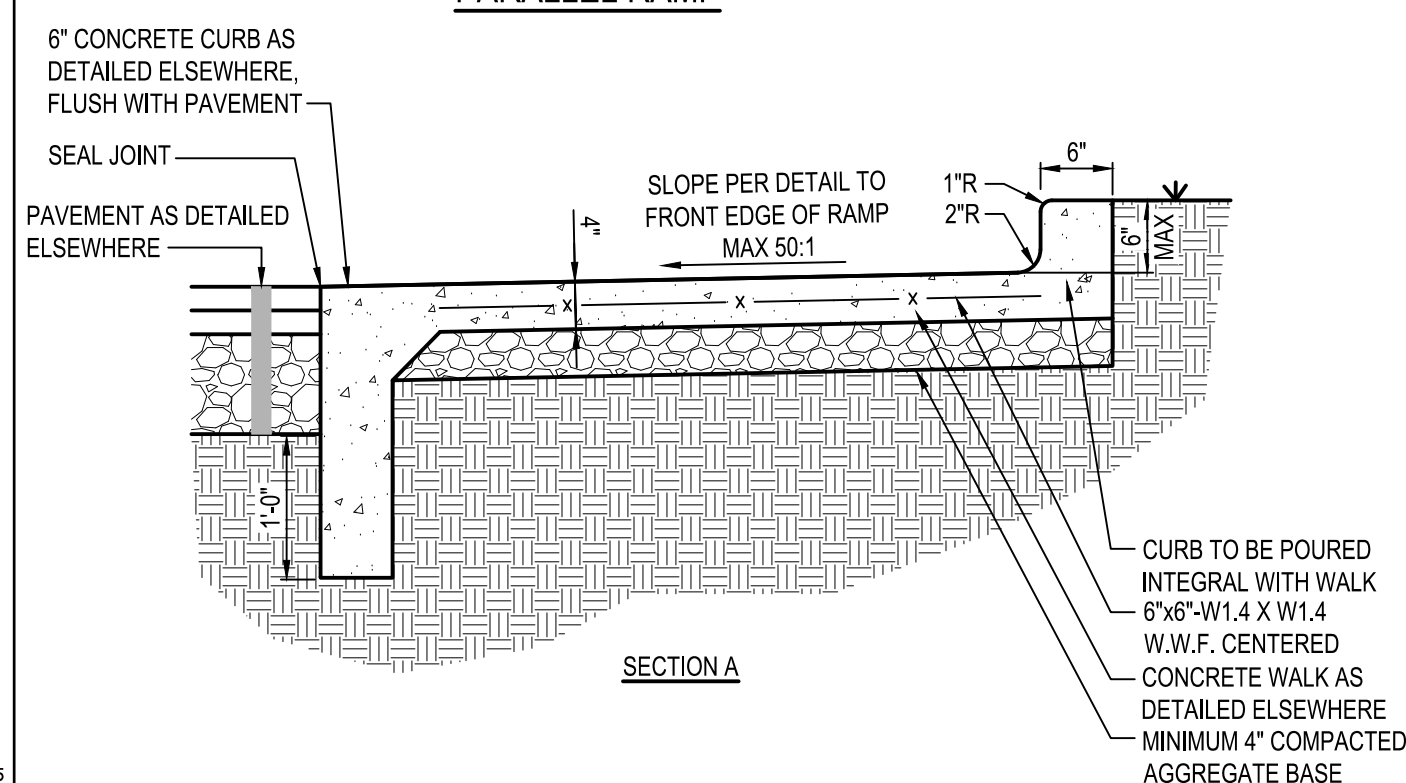
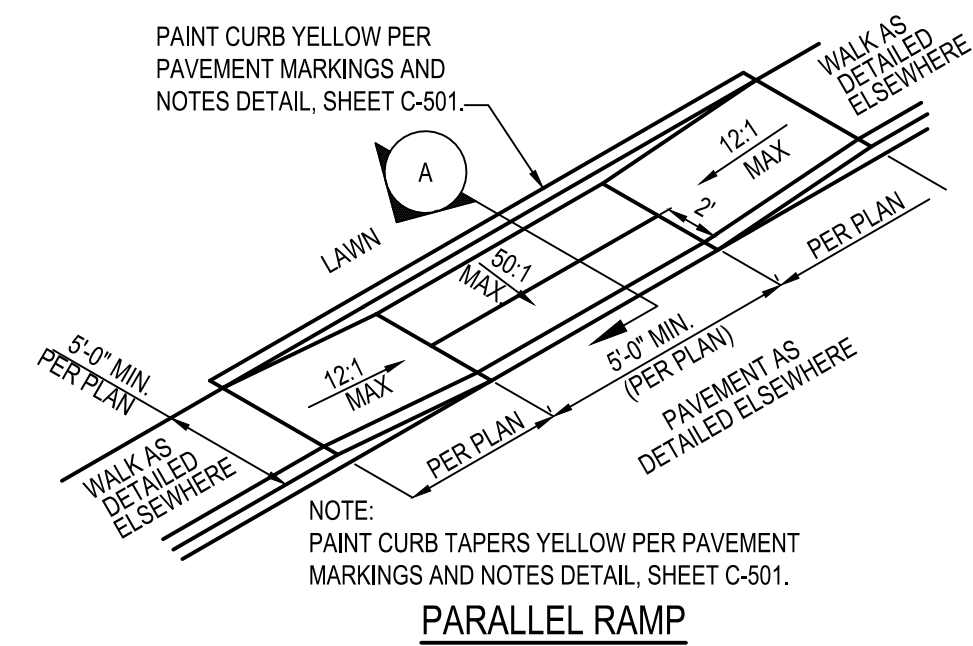
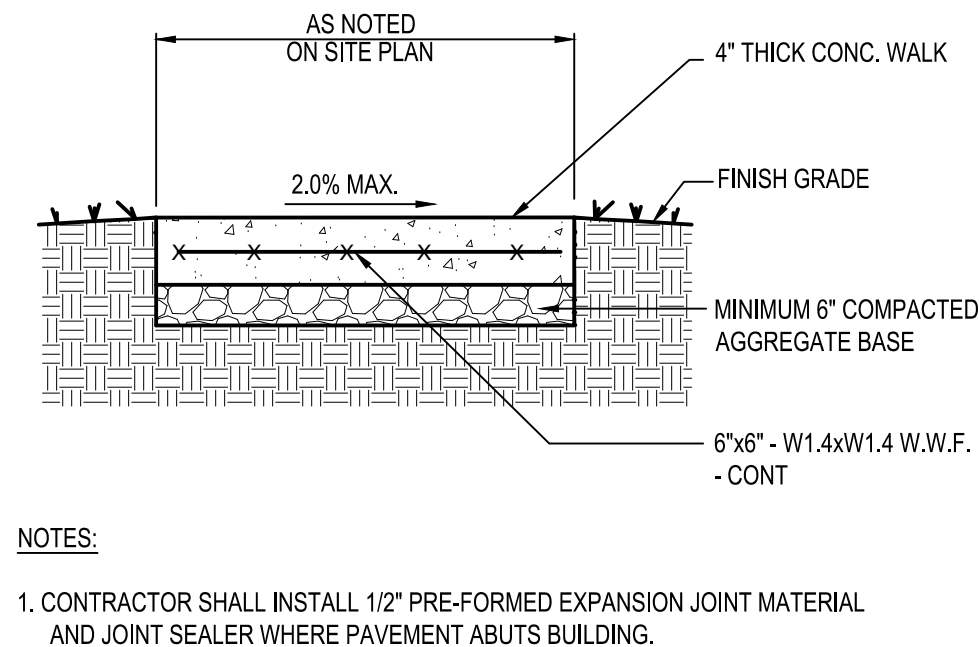
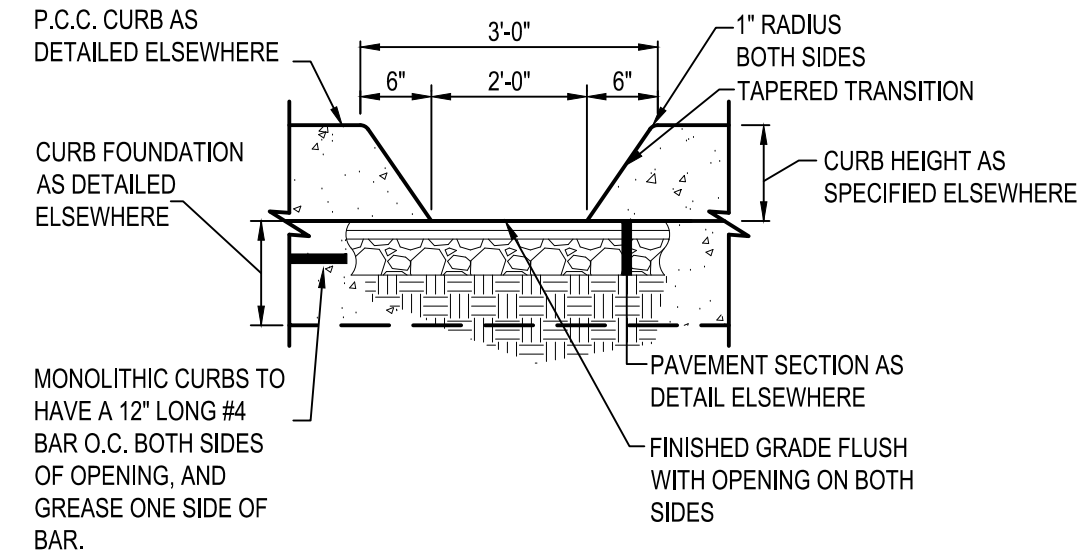
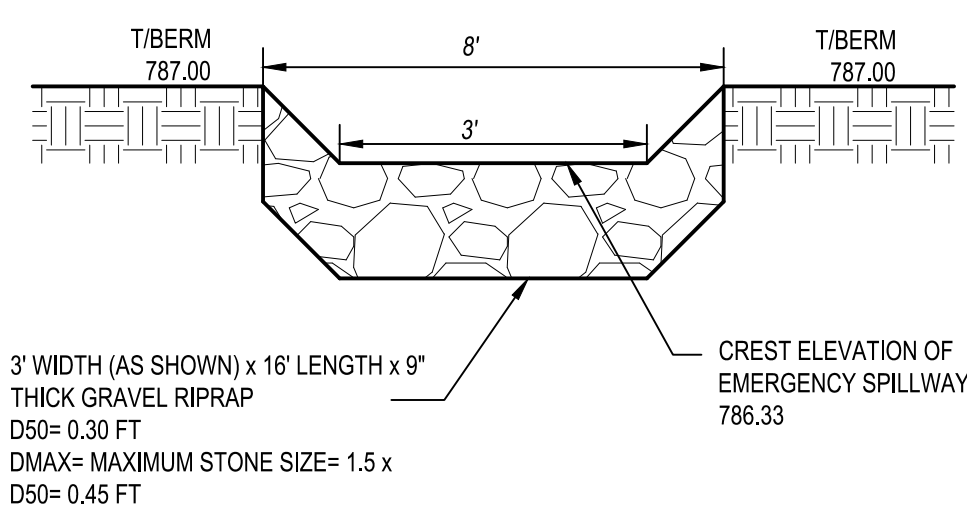
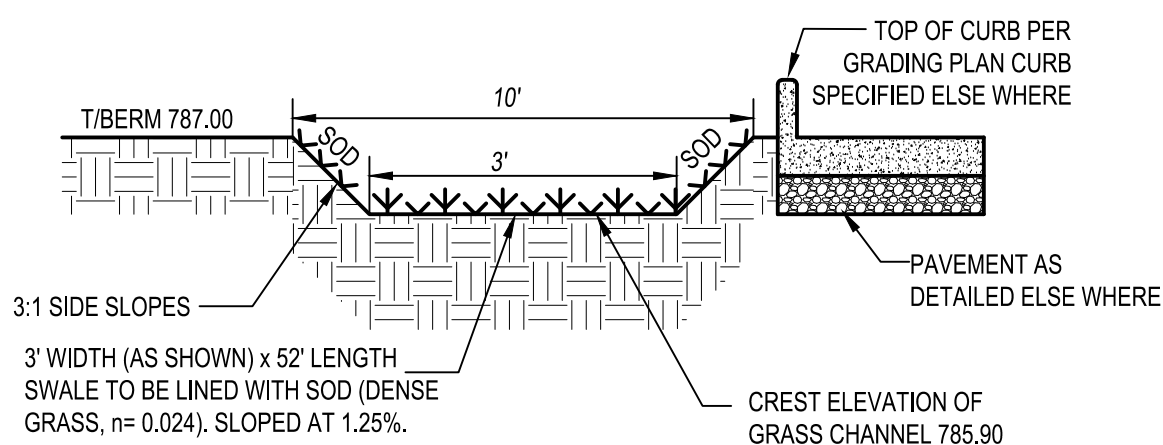
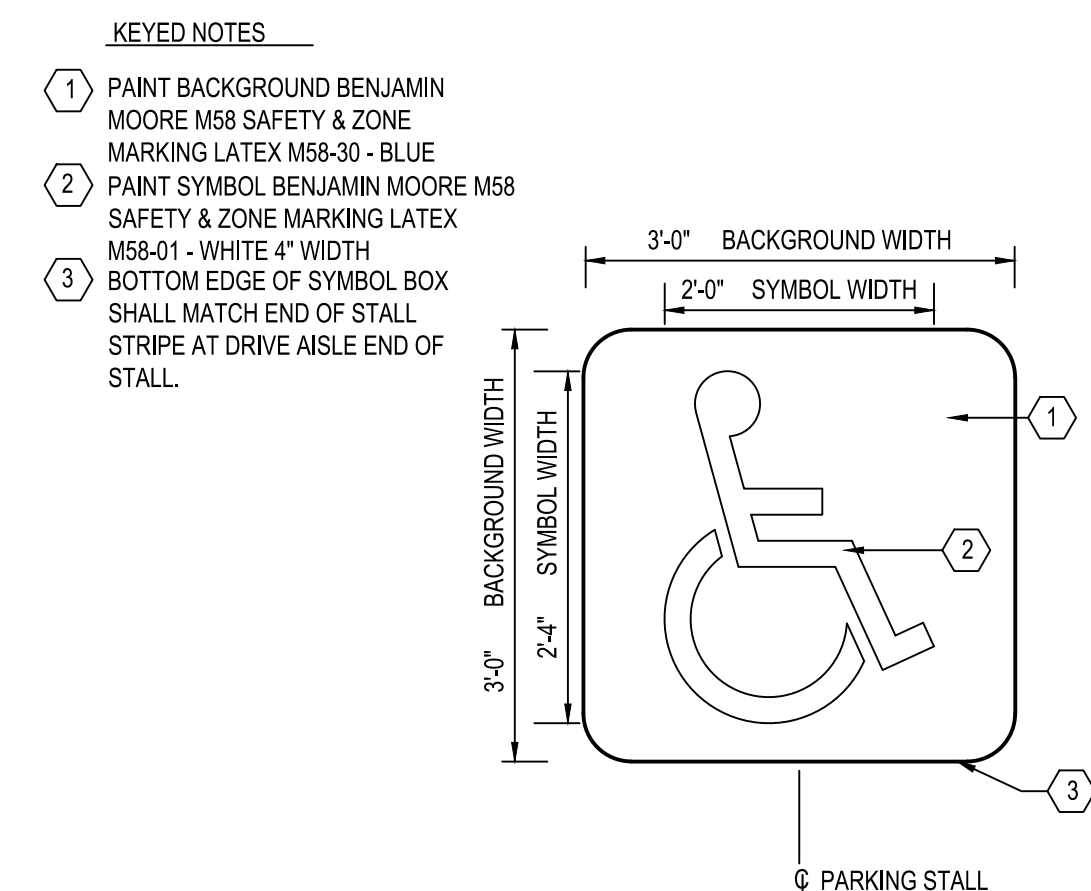
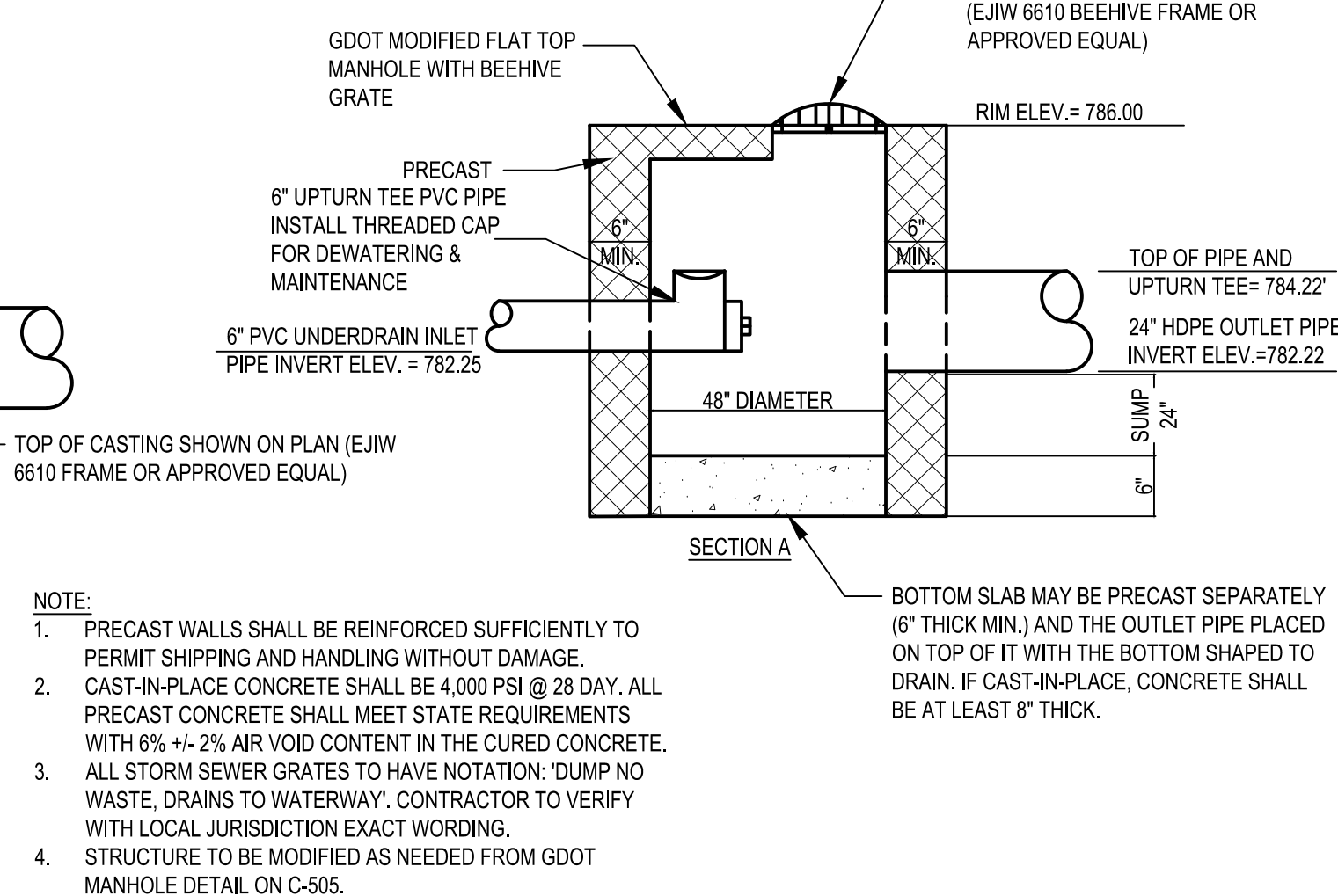
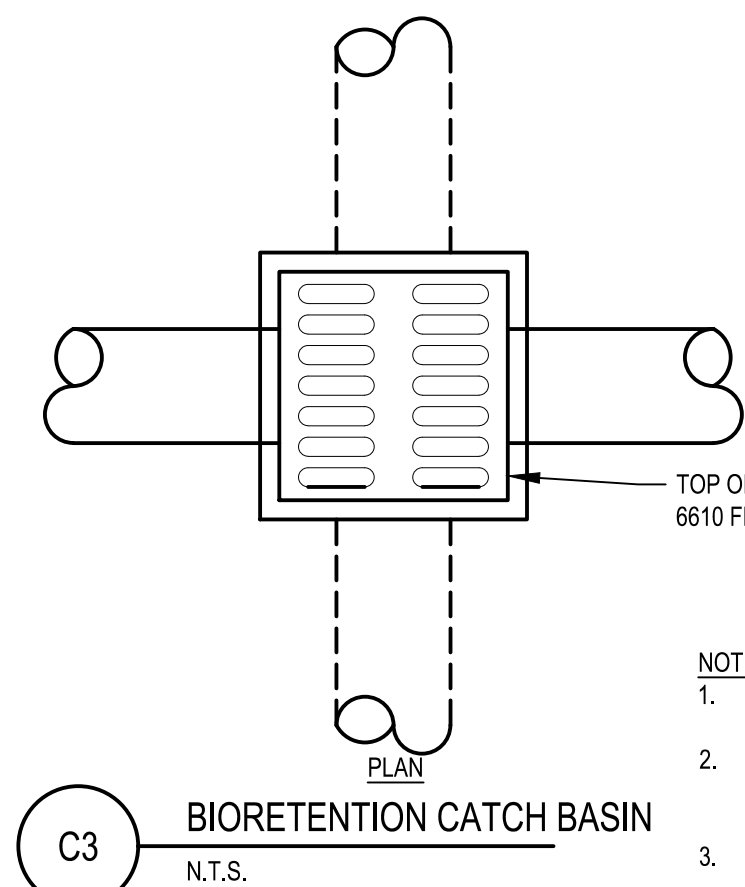
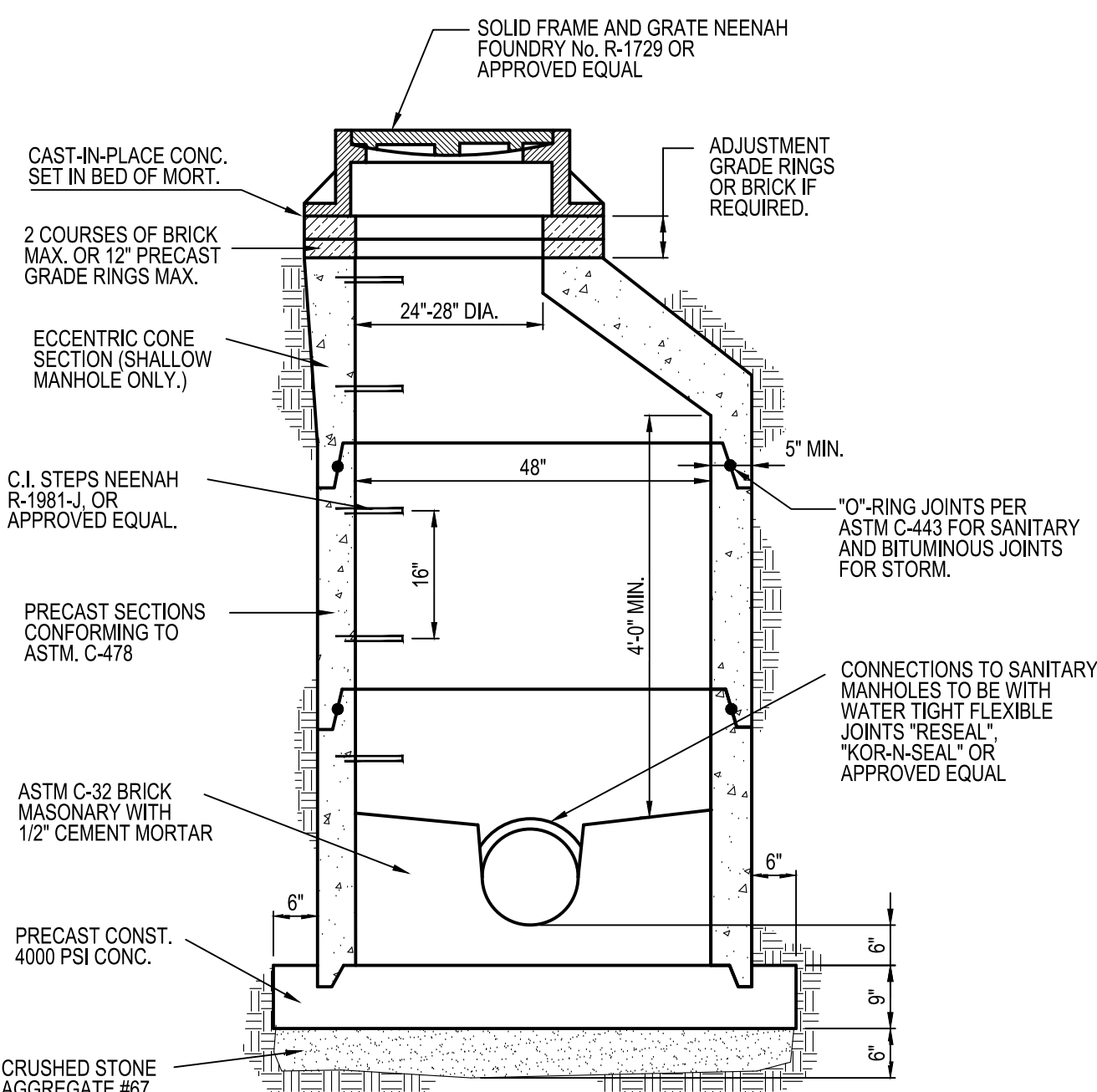
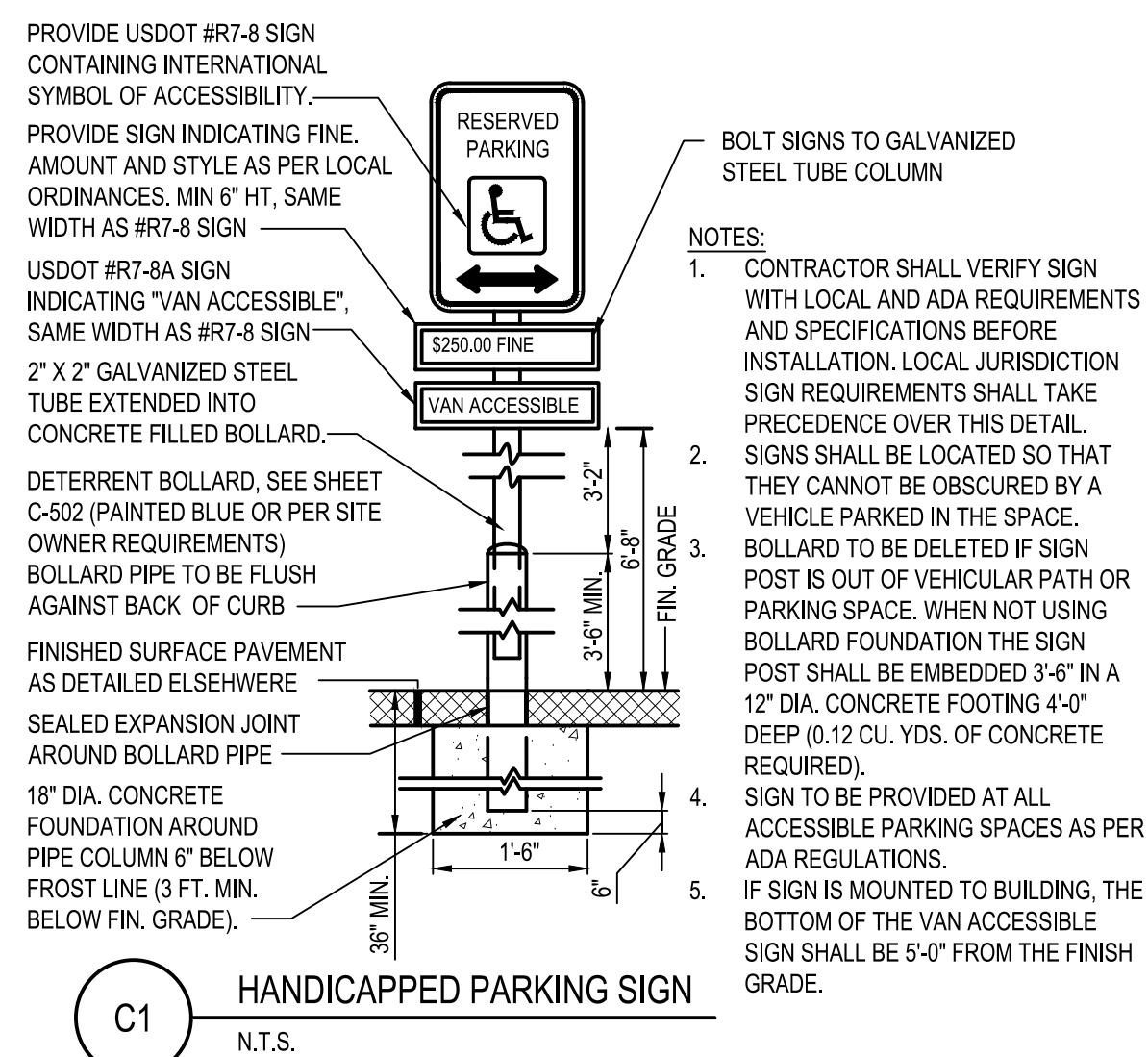
403 E. MAIN ST.  
CARTERSVILLE, GA 30120



## ENDEAVOR 20 DETAILS

# C-502

PLOT DATE:



	DATE	REMARKS
	12-07-2021	GDOT COMMENTS
Δ1	01-07-2021	CITY COMMENTS
Δ2	02-18-2022	CITY COMMENTS
	03-17-2022	ISSUED FOR RSCS BID
	04-01-2022	ISSUED FOR BID

CONTRACT DATE:	
BUILDING TYPE:	END2
PLAN VERSION:	OCTOBER 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	29329
STORE NUMBER:	45538
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.2

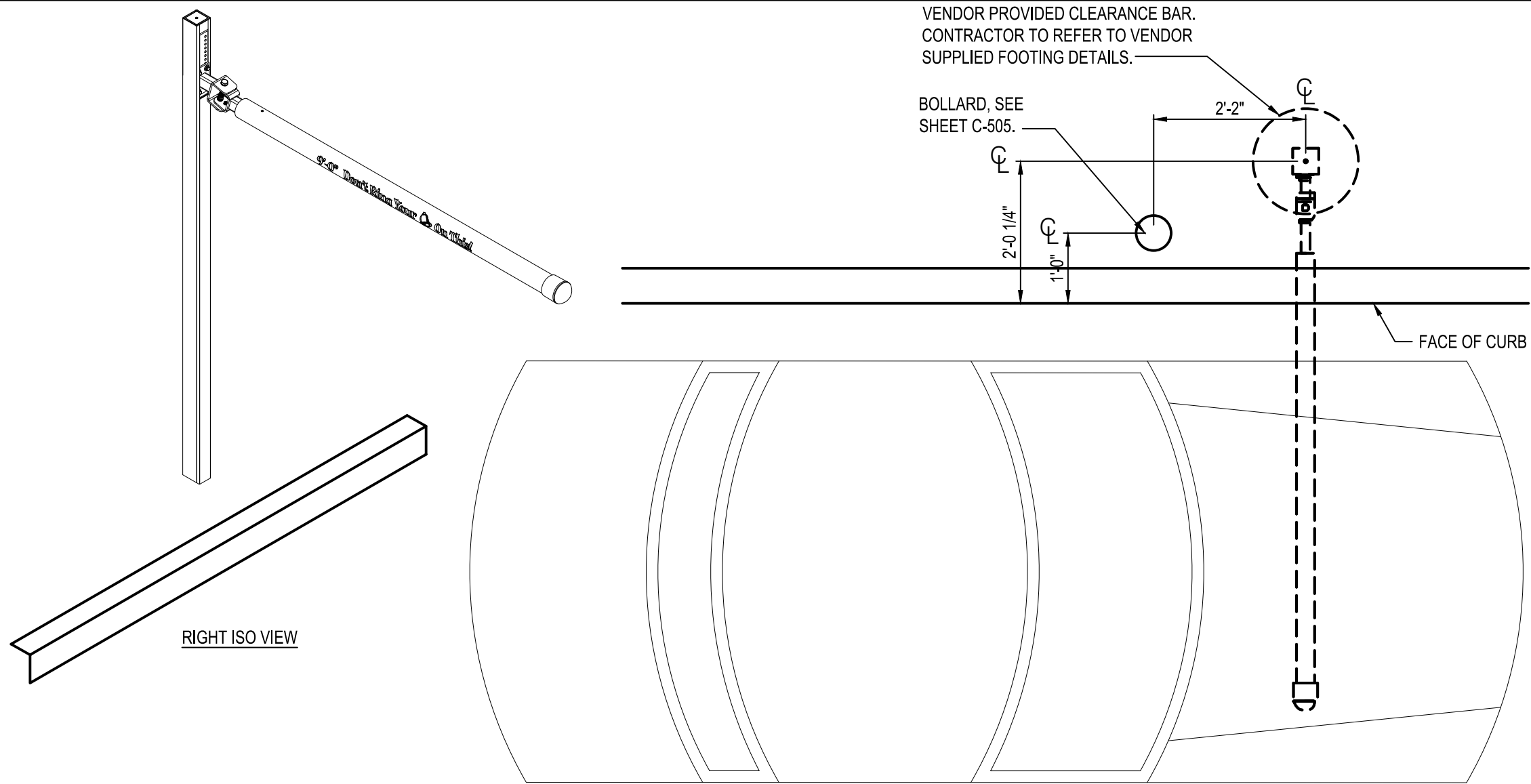


## ENDEAVOR 20 DETAILS

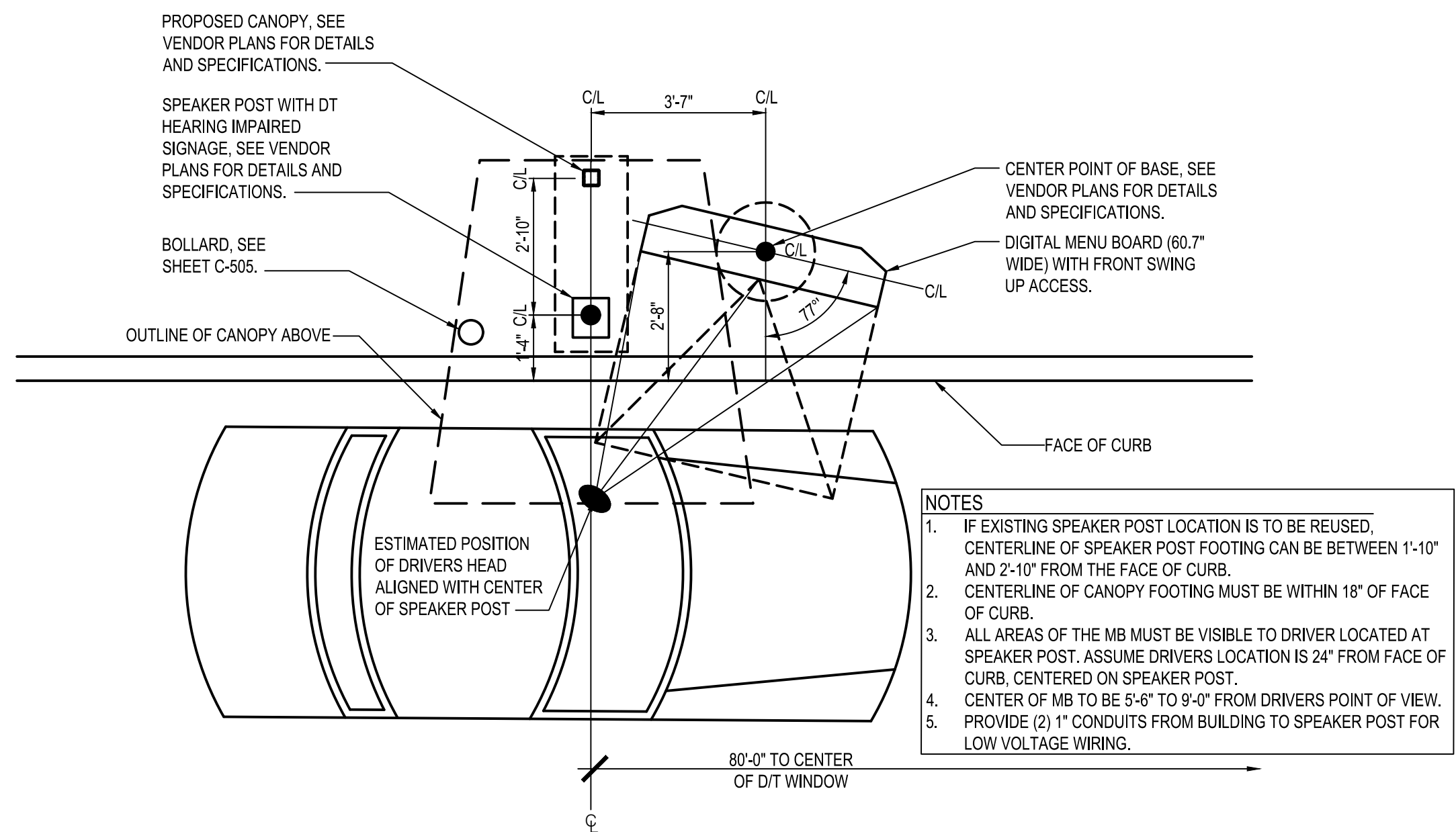
C-503

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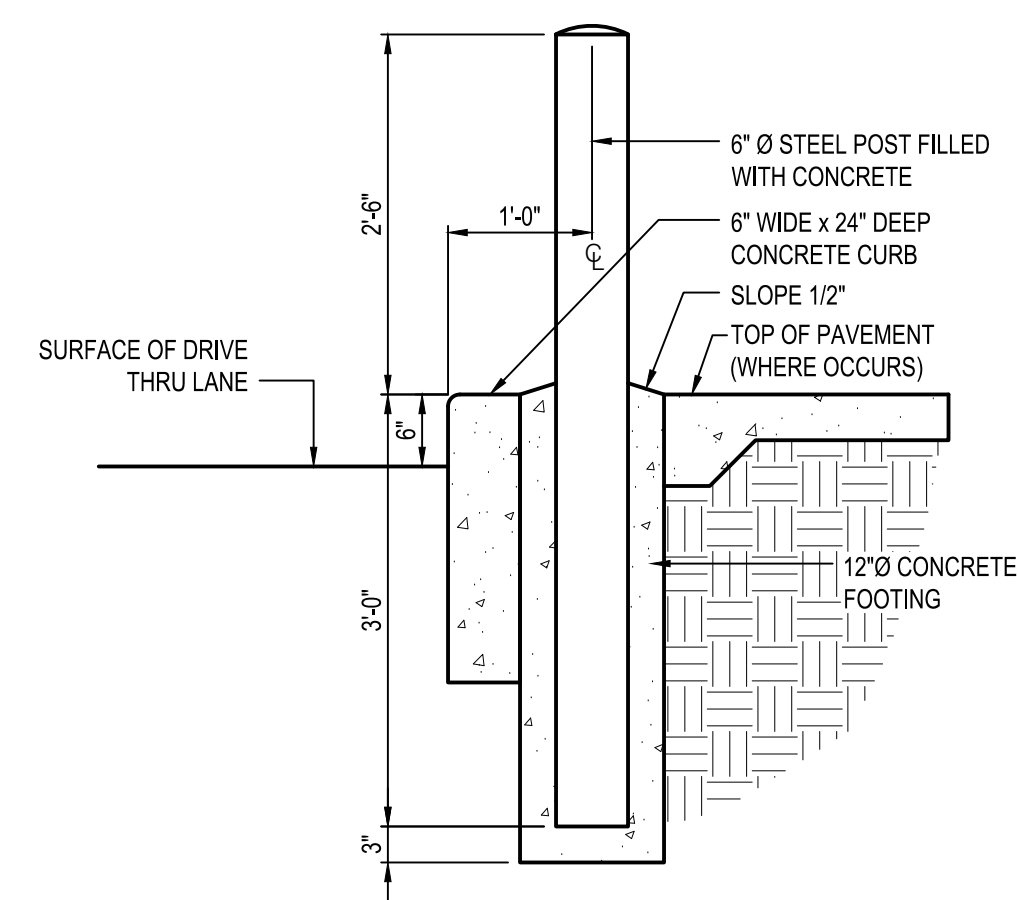
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March 31, 2022 - ASner



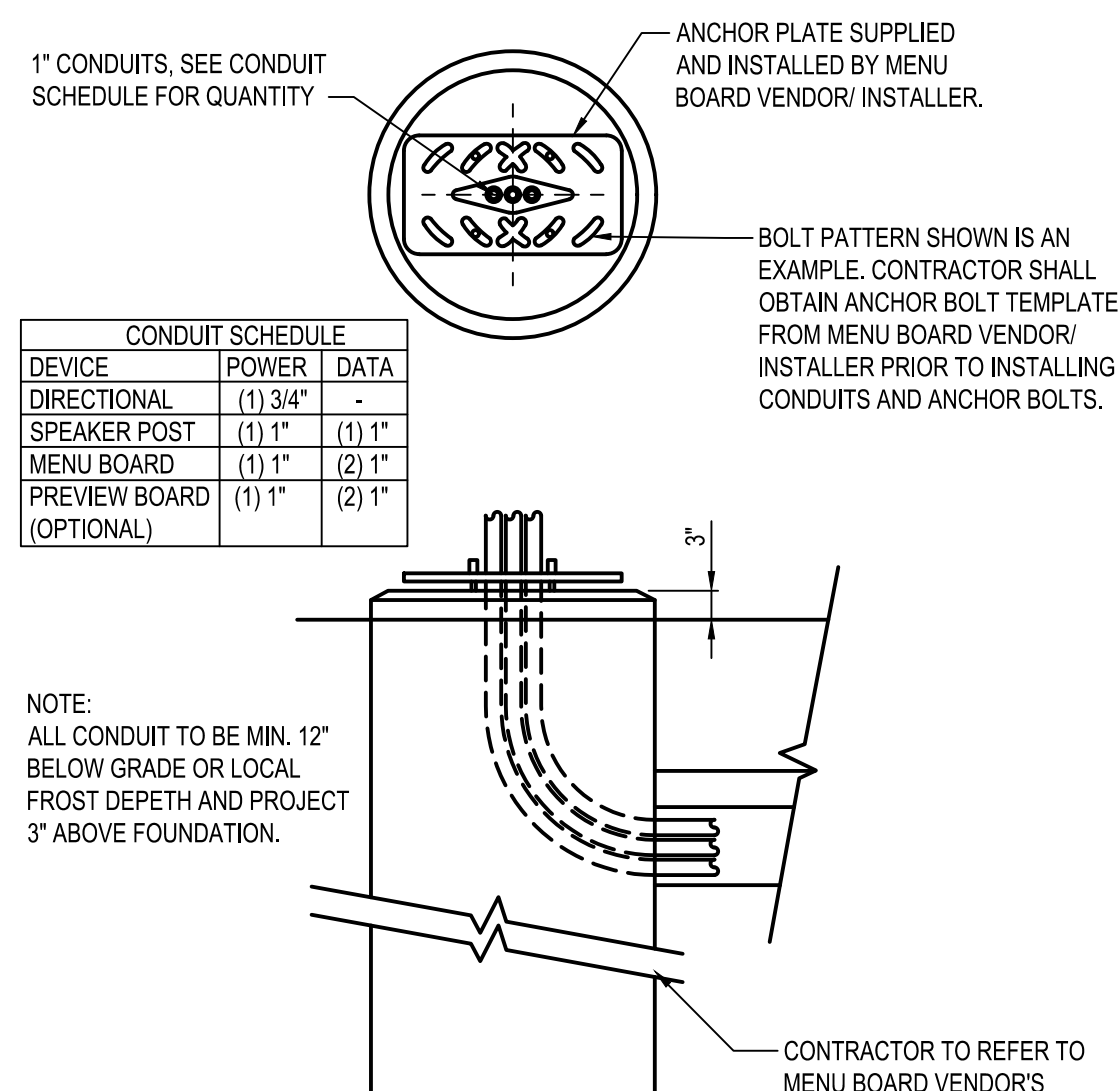
A1 PORTAL PLACEMENT DETAIL  
N.T.S.



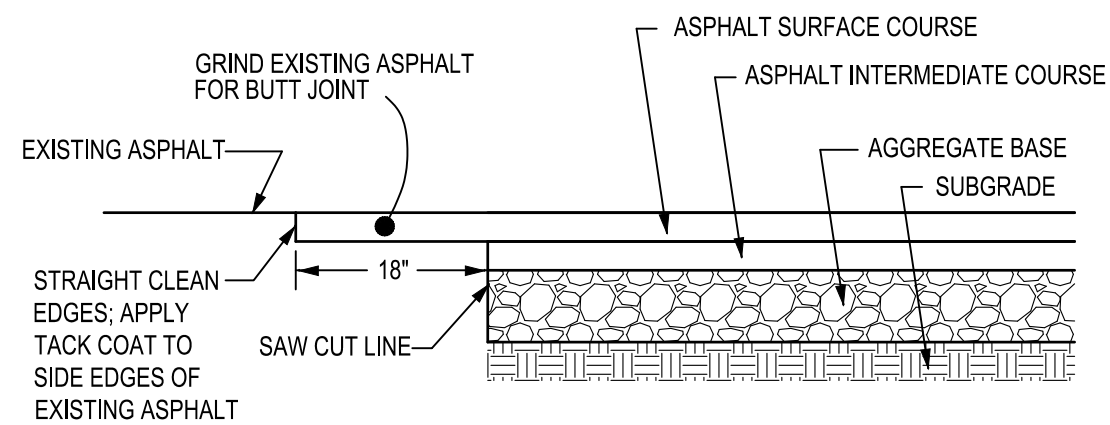
B1 ENLARGED MENU BOARD  
DETAIL @ STRAIGHT CURB  
N.T.S.



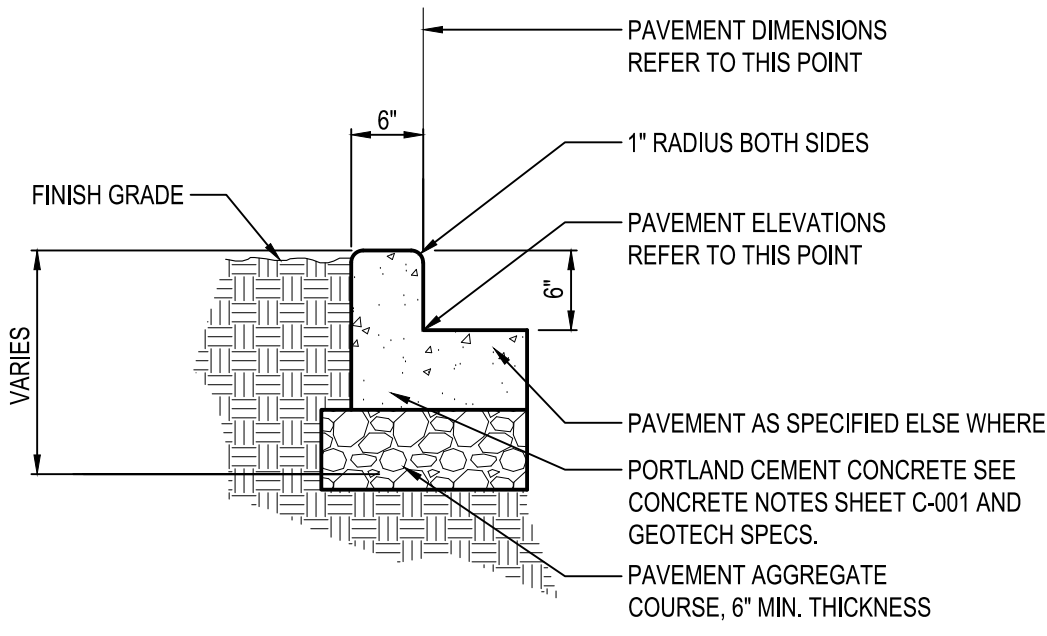
C1 BOLLARD DETAIL (DRIVE THRU)  
N.T.S.



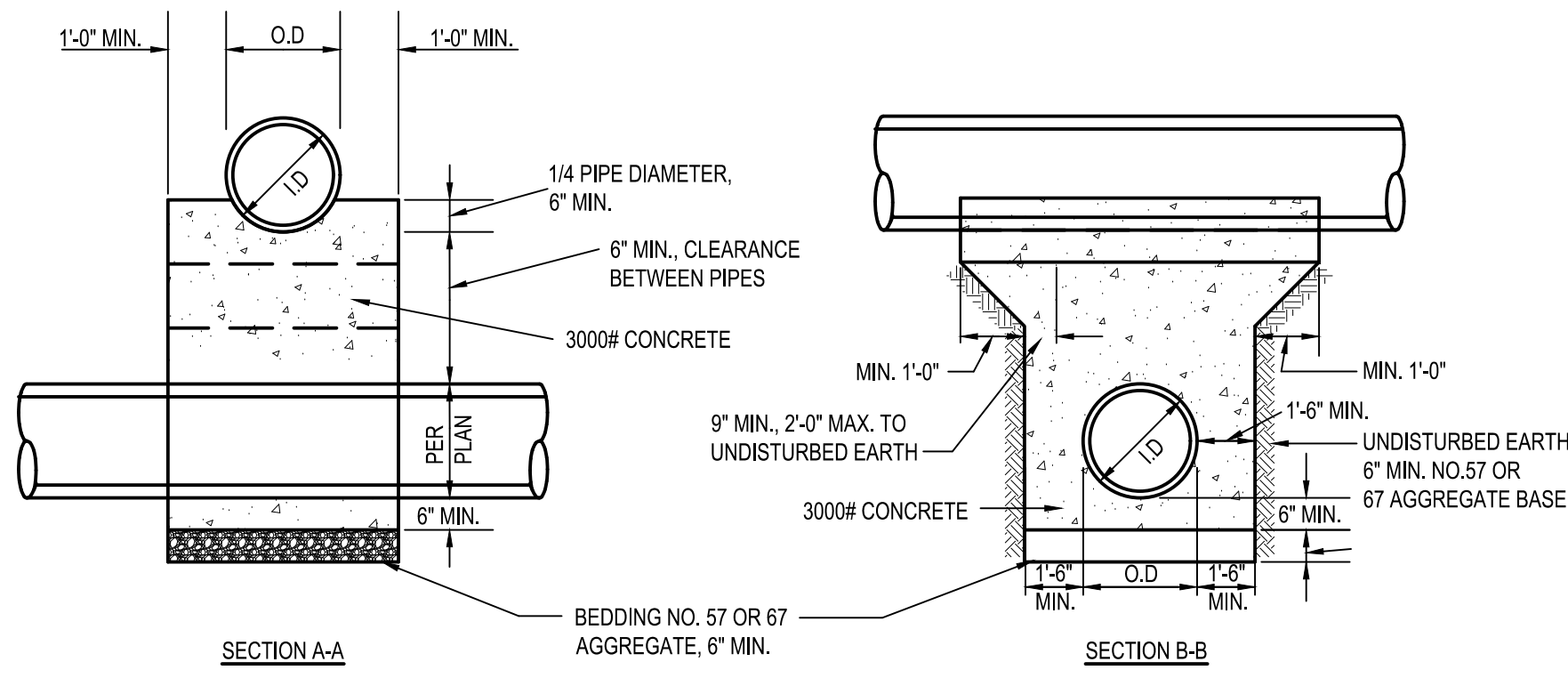
C2 FOUNDATION CONDUIT DETAIL  
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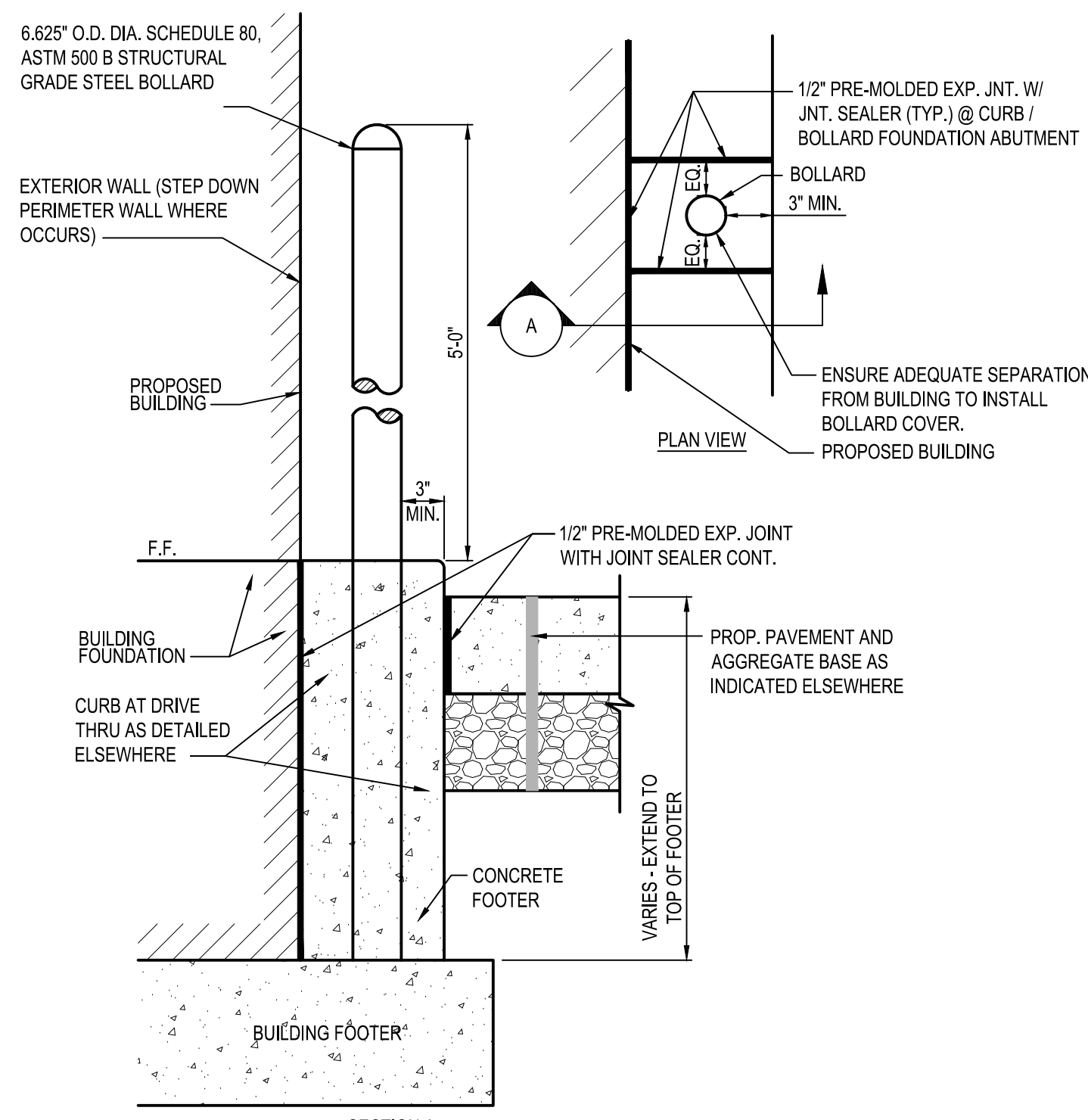
A2 BUTT JOINT  
N.T.S.



B2 MONOLITHIC CONCRETE CURB  
N.T.S.



B3 CONCRETE ENCASEMENT MONOLITHIC CRADLING OF UPPER PIPE  
FOR CROSSINGS WITH LESS THAN 18" MINIMUM CLEARANCE  
N.T.S.



- NOTE:
- CONTRACTOR SHALL PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CURE (B58W610), IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS AND PROVIDE A YELLOW BOLLARD COVER COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL.
  - WHERE UTILIZED FOR PEDESTRIAN SEPARATION/ PROTECTION CONTRACTOR SHALL INSTALL A CRASH RATED BOLLARD AND FOOTING PER ASTM F3016/3016M. TYPICAL SPACING OF 5'-6" CENTER TO CENTER WITH AN ANTICIPATED S20 RATING FOR BIDDING PURPOSES - FINAL SPACING AND RATING SHALL BE IN ACCORDANCE WITH ASTM AND THE MANUFACTURERS REQUIREMENTS FOR PROPOSED LOCATIONS AND POSSIBLE VEHICLE APPROACH SPEED. UTILIZATION OF CRASHCORE BOLLARD BY MCCUE.COM OR APPROVED EQUAL SHALL BE IN ACCORDANCE WITH MANUFACTURE SPECIFICATIONS. CONTRACTOR SHALL BE OR BECOME CERTIFIED INSTALLERS. CONTACT MANUFACTURER(S) FOR DETAILS.

C3 DETERRENT BOLLARD IN CURB  
N.T.S.

DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE: -  
BUILDING TYPE: END20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

TACO BELL

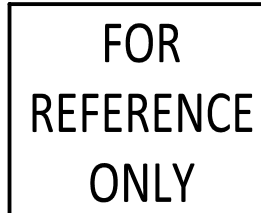
403 E. MAIN ST.  
CARTERSVILLE, GA 30120



ENDEAVOR 20  
DETAILS

C-504

PLOT DATE:

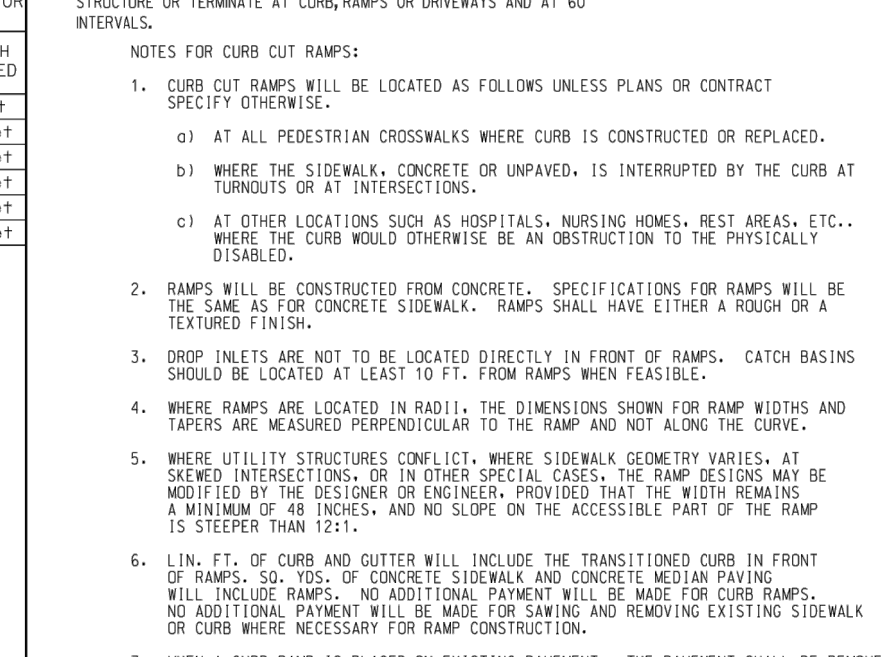
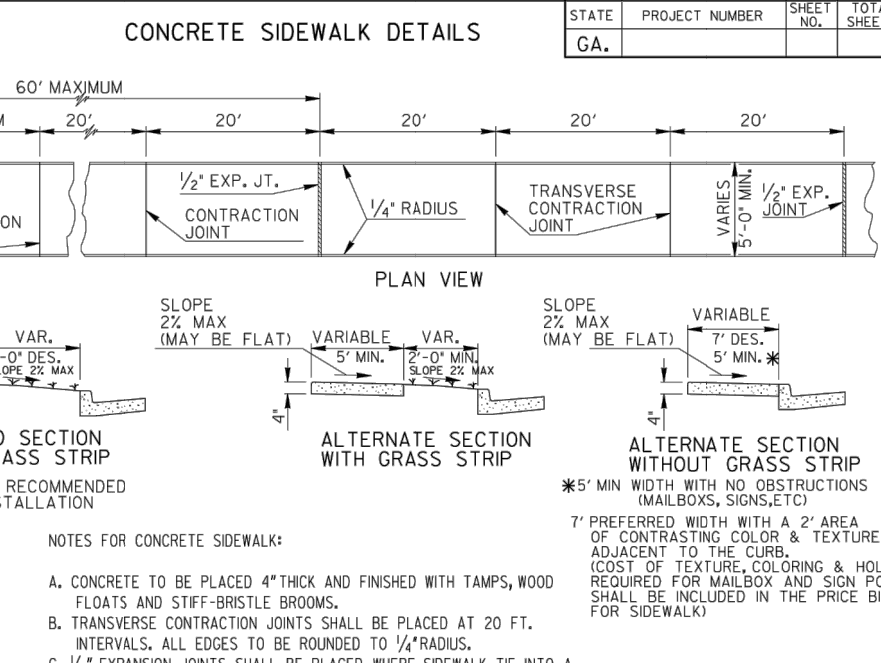
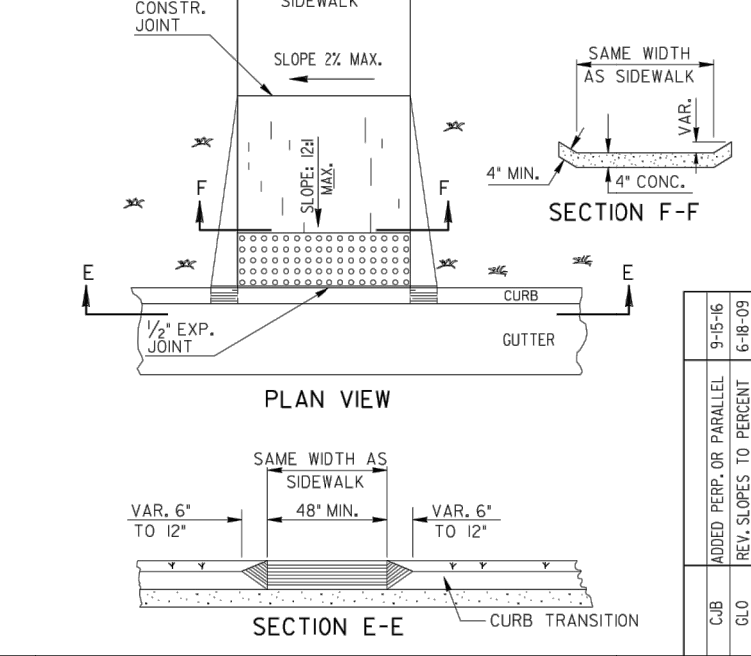
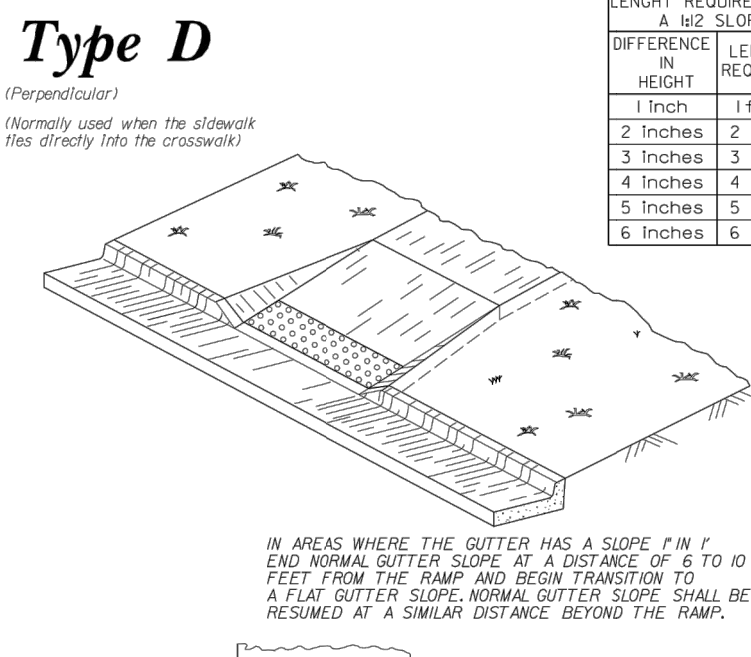
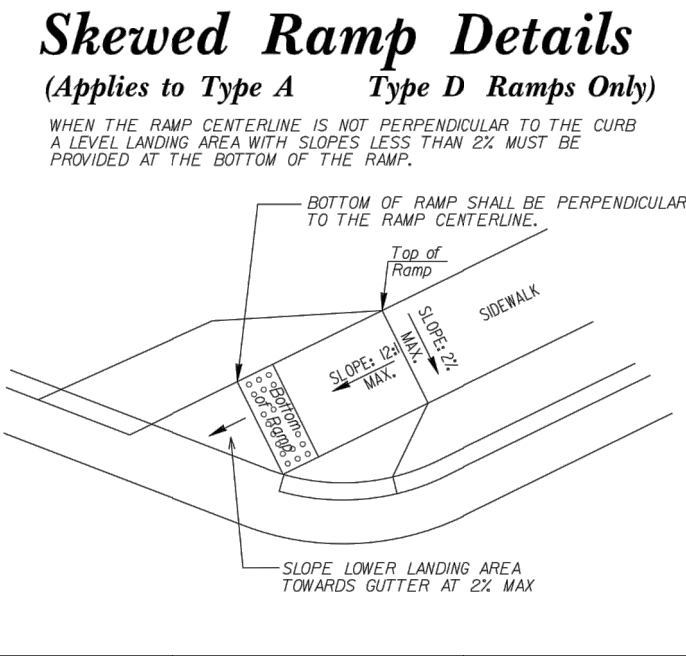
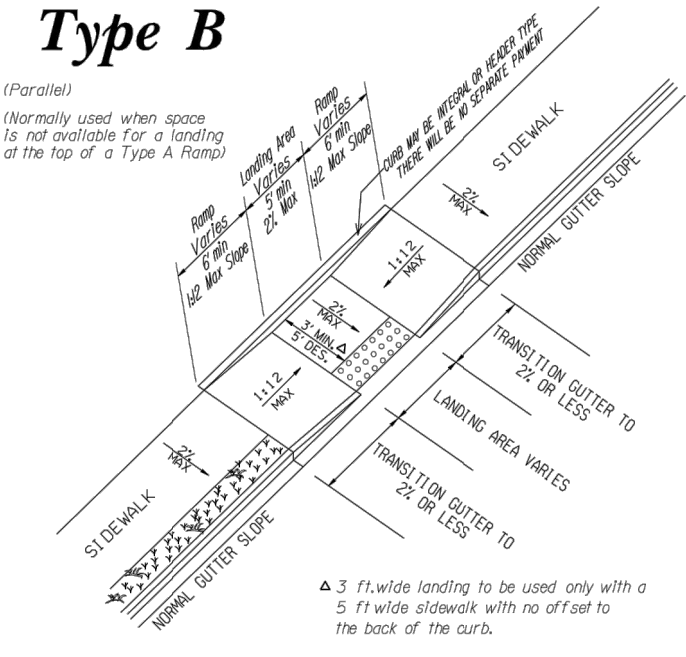
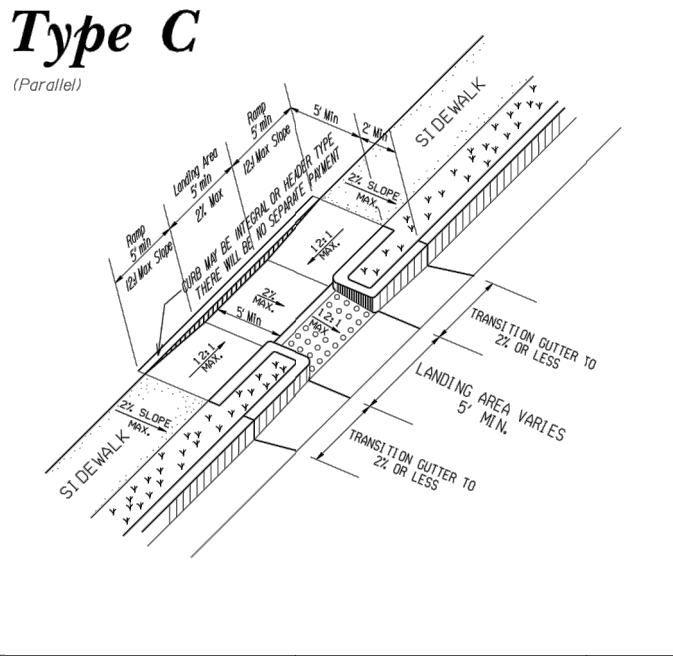
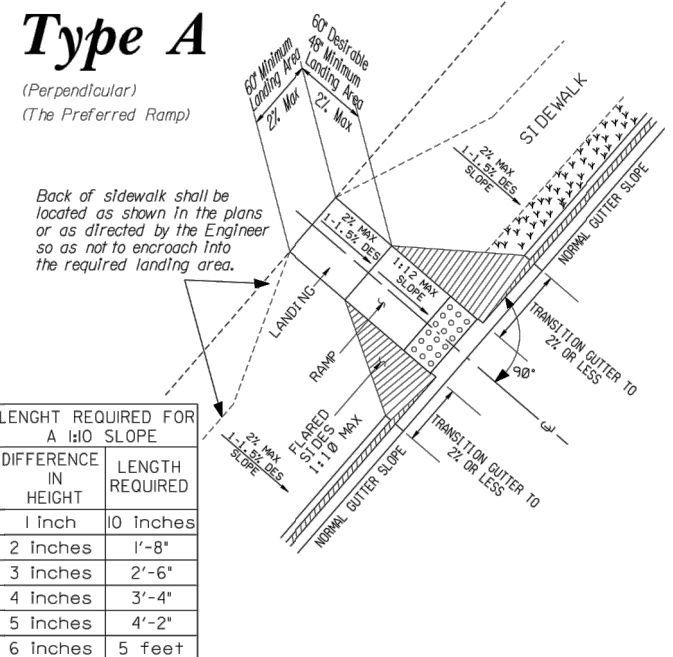
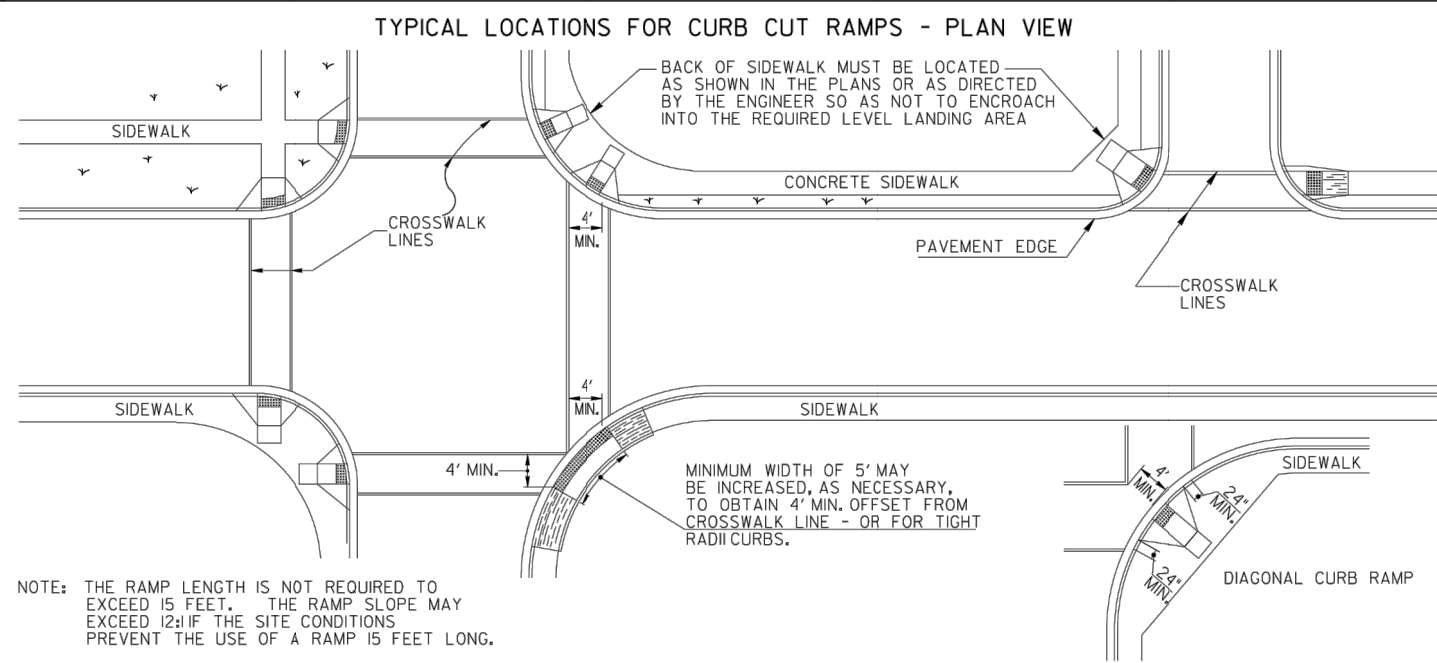


CONTRACT DATE:	
BUILDING TYPE:	END2
PLAN VERSION:	OCTOBER 202
BRAND DESIGNER:	DICKSON
SITE NUMBER:	29329
STORE NUMBER:	45538
PA/PM:	SM
DRAWN BY.:	DS
JOB NO.:	2020088.2

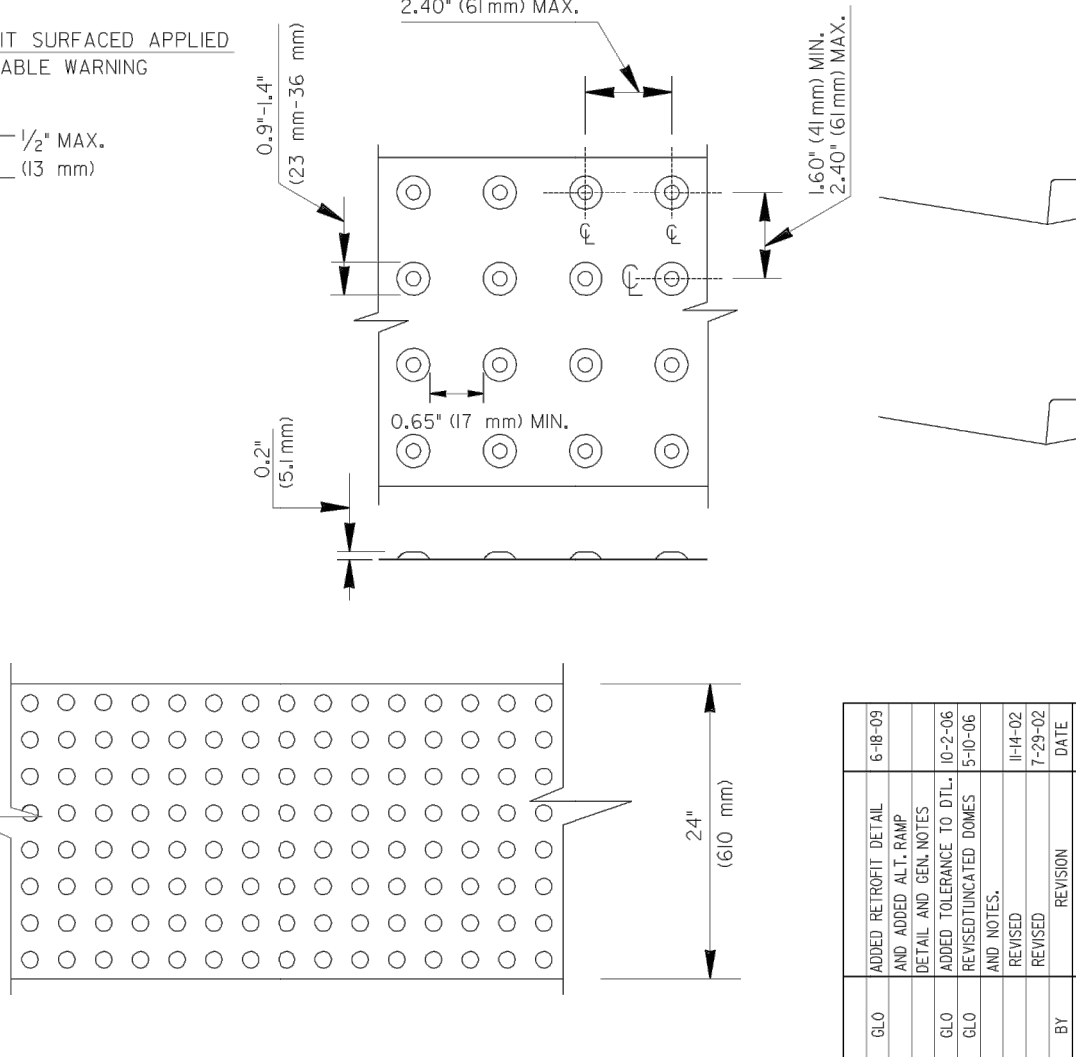
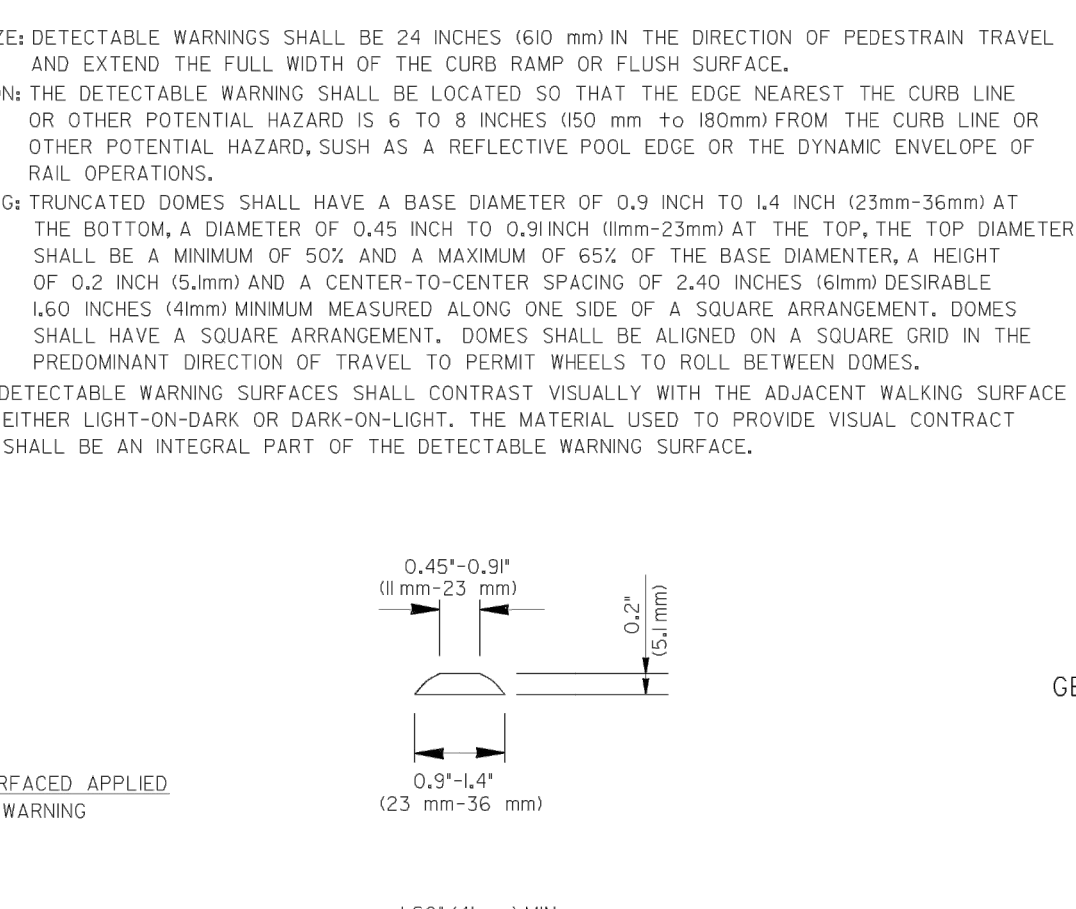
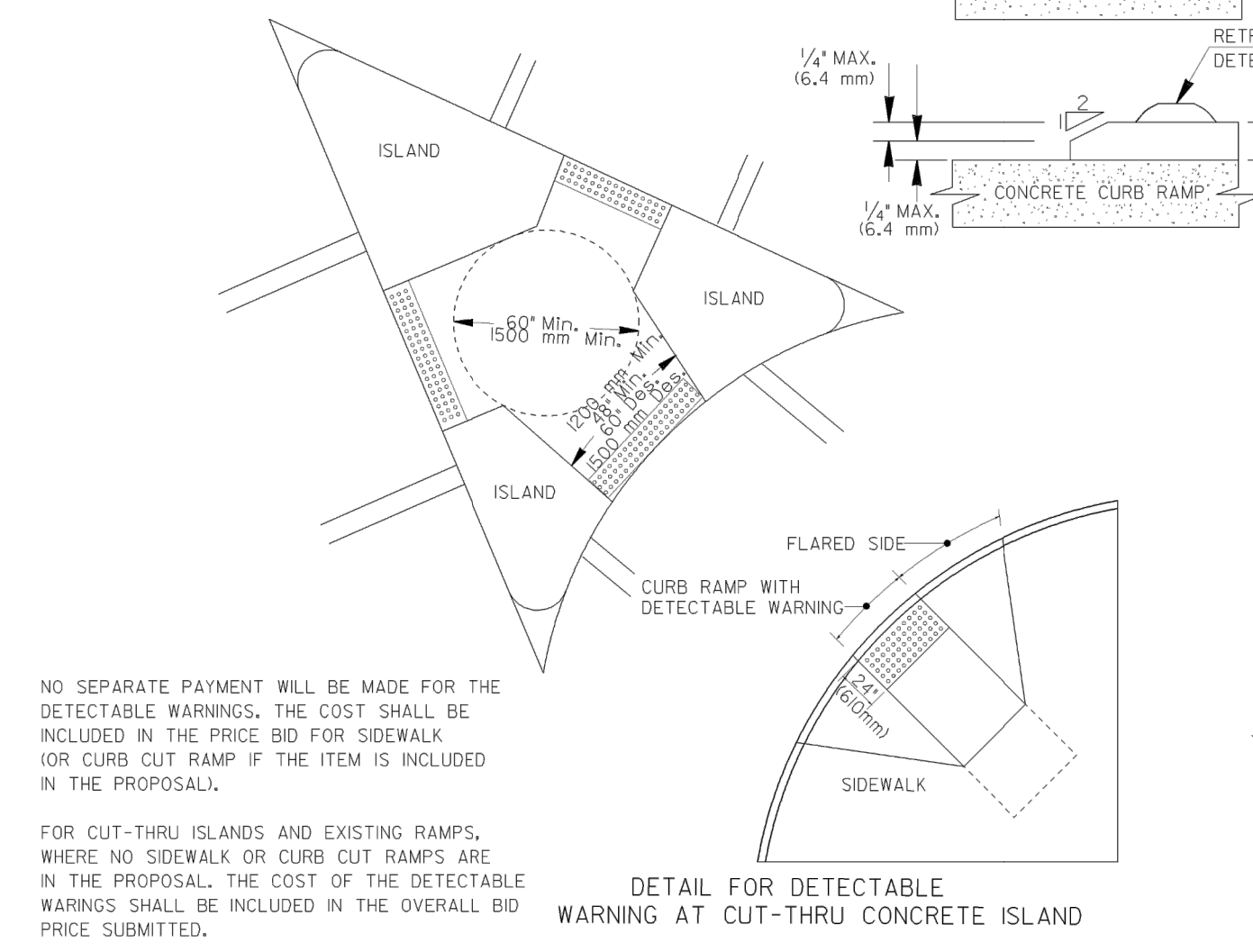
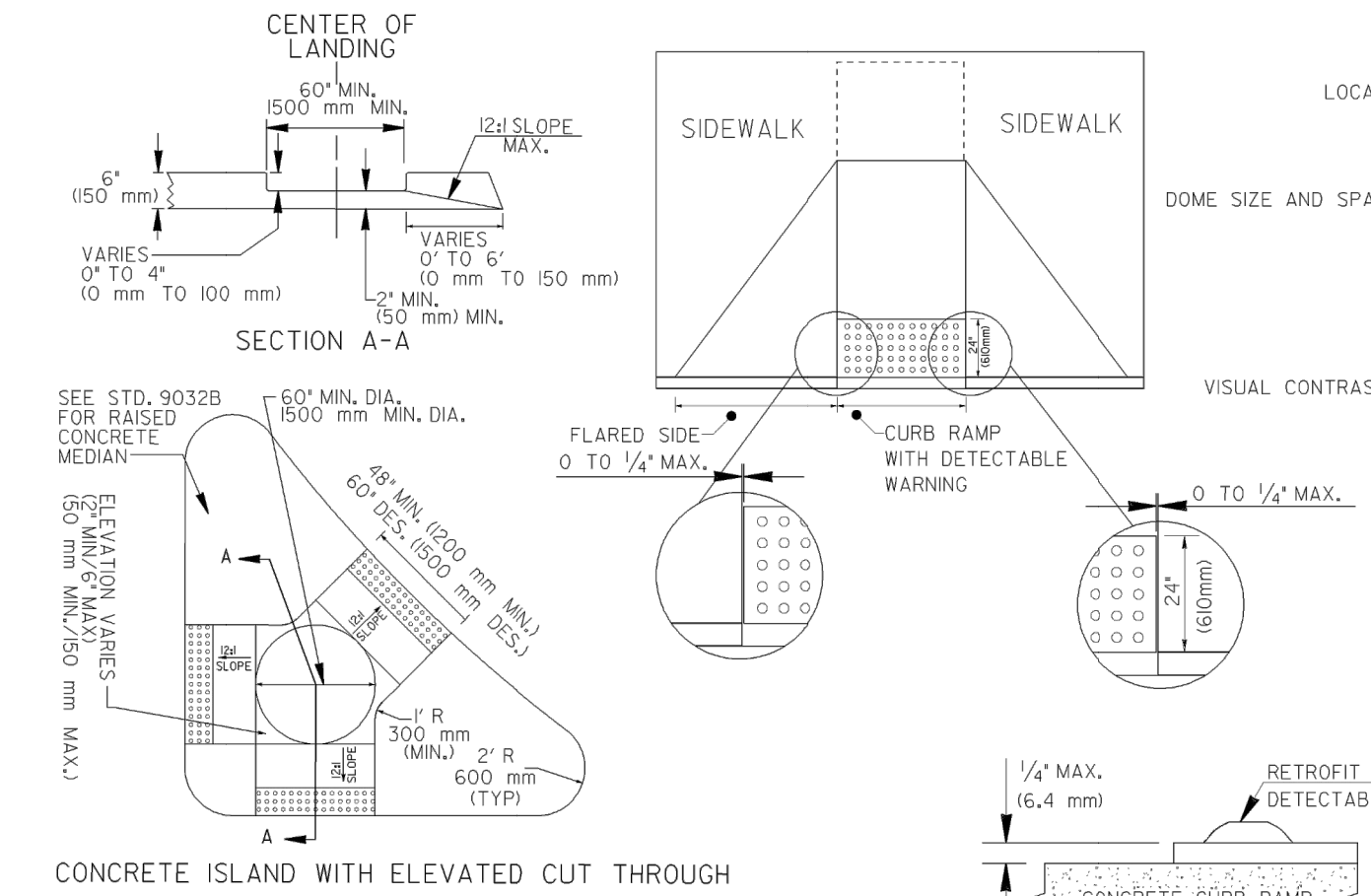
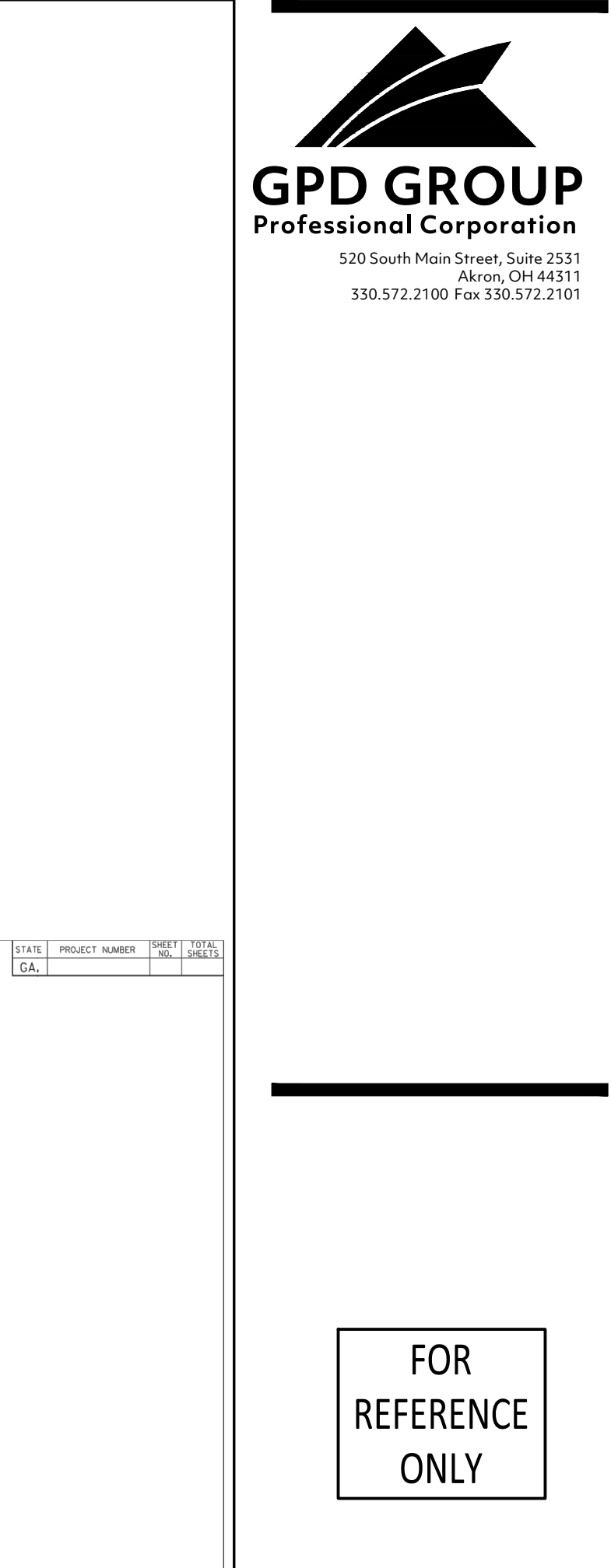
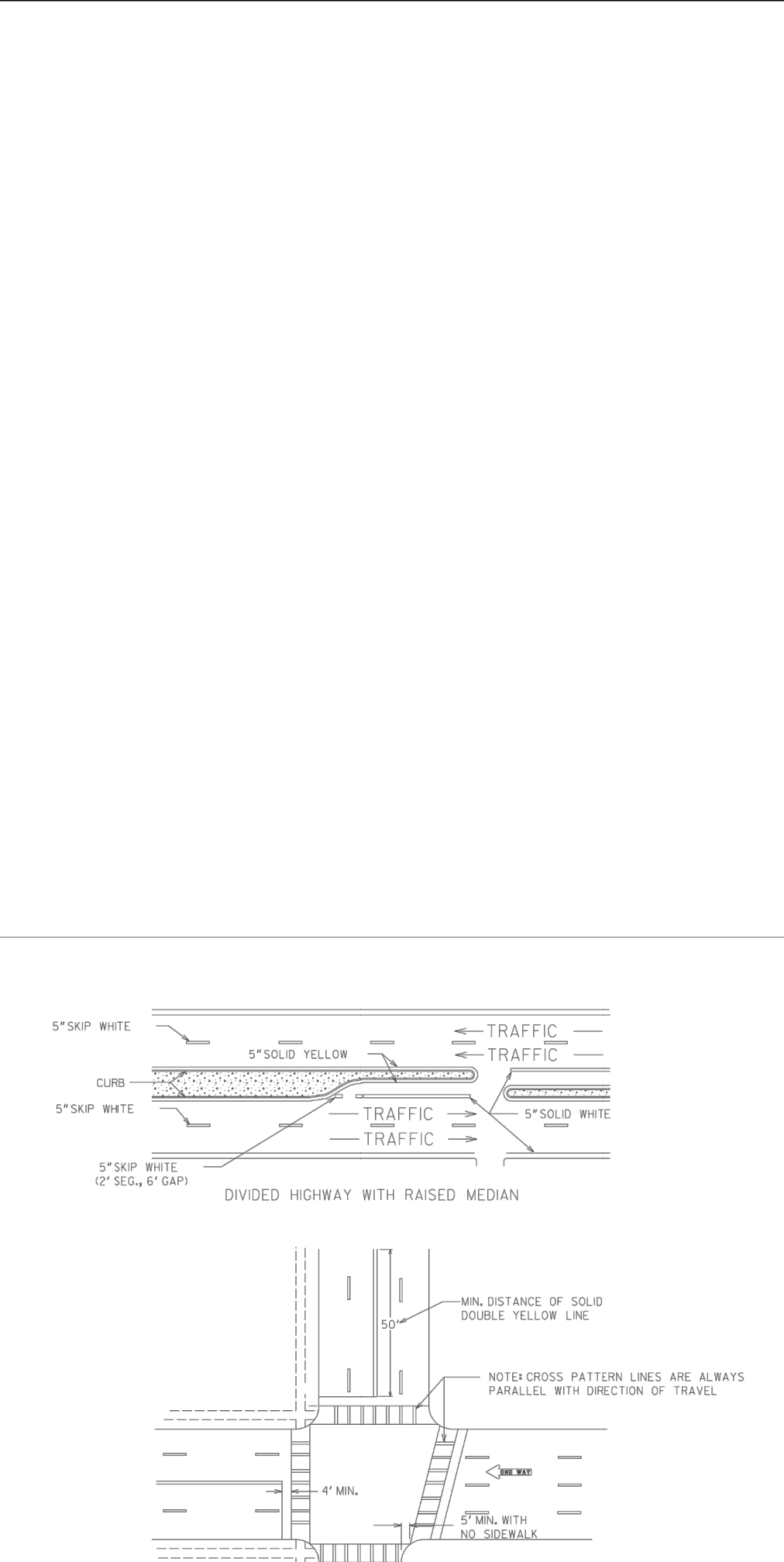
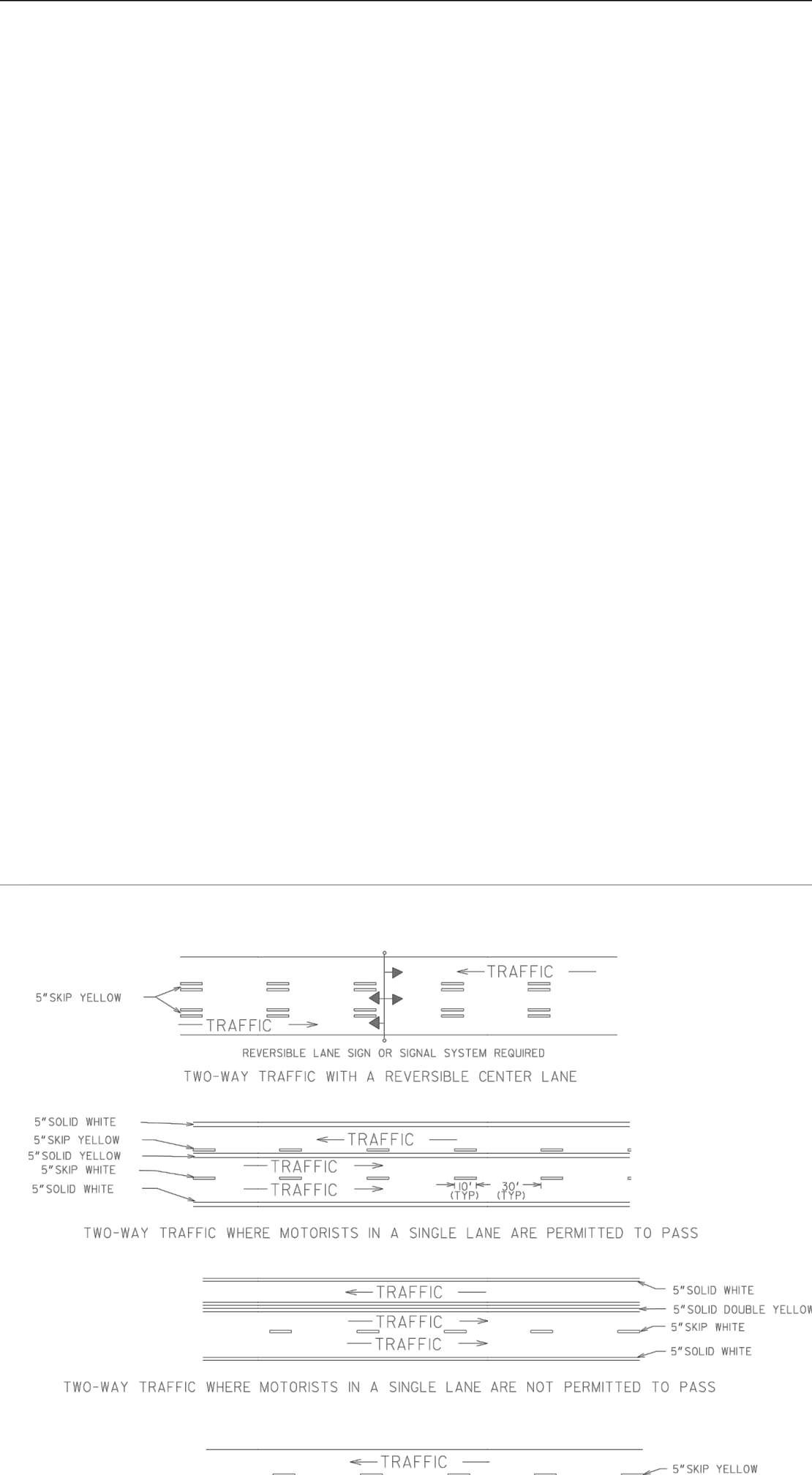
TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120

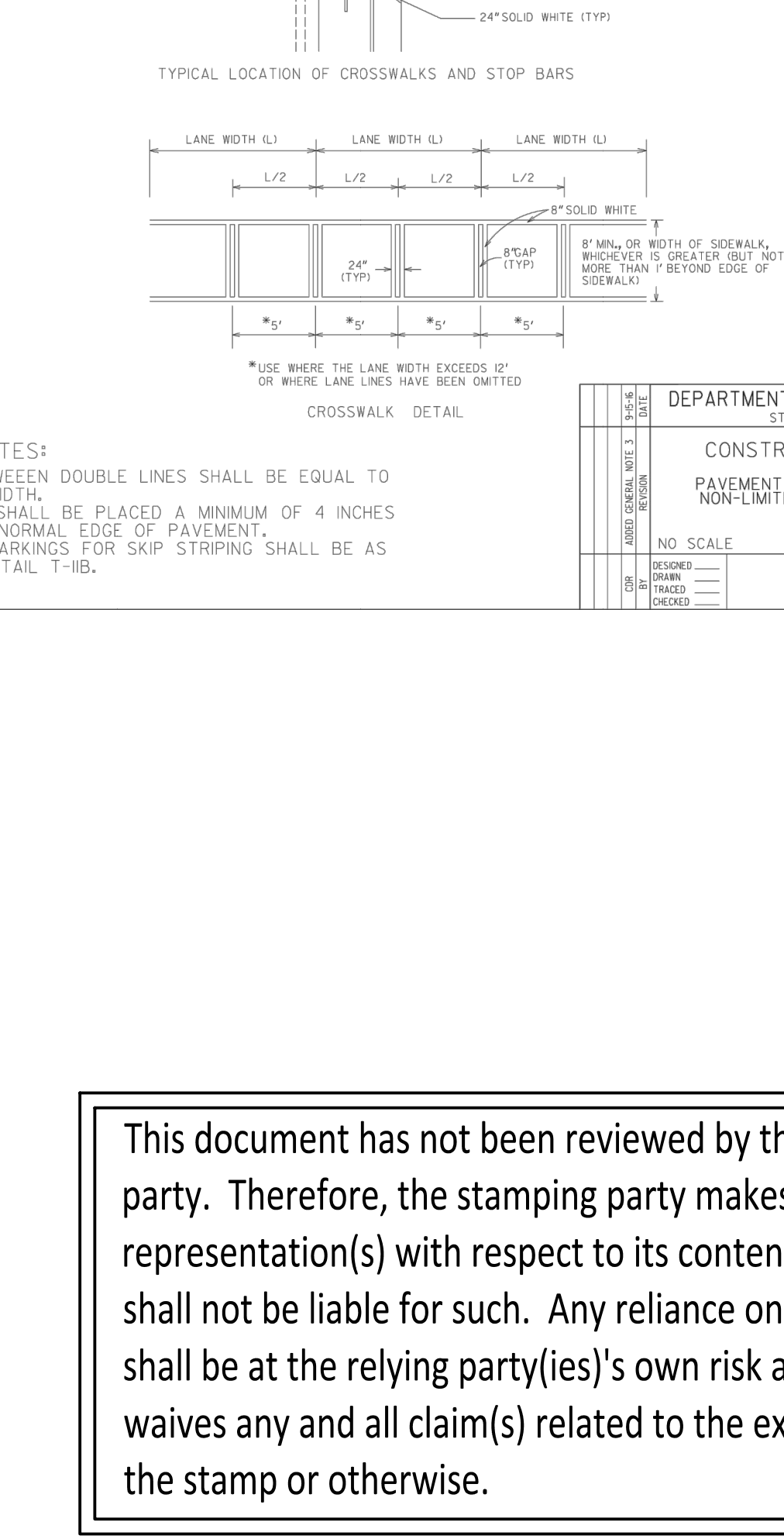
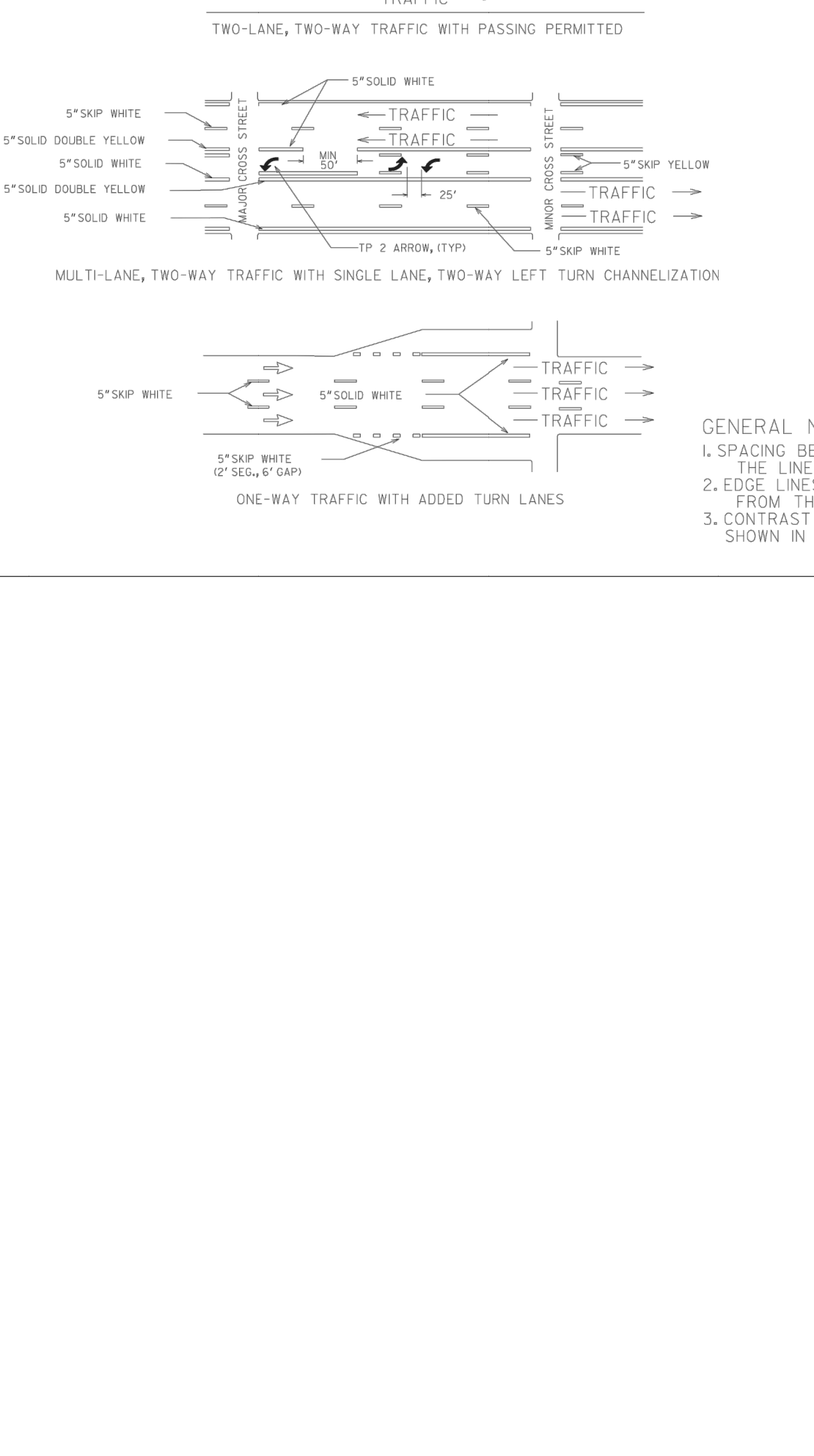
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DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA									
SPECIAL DETAIL CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS									
NO SCALE									
MARCH 12, 2002									
NUMBER A3									
STATE	PROJECT NUMBER	SHEET	TOTAL						
GA.		NO.	SHEETS						



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA									
SPECIAL DETAIL CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS									
NO SCALE									
MARCH 12, 2002									
NUMBER A4									
STATE	PROJECT NUMBER	SHEET	TOTAL						
GA.		NO.	SHEETS						



FOR  
REFERENCE  
ONLY

DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE: -  
BUILDING TYPE: END20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

**TACO BELL**  
403 E. MAIN ST.  
CARTERSVILLE, GA 30120



ENDEAVOR 20  
GDOT DETAILS

**C-506**

PLOT DATE:

This document has not been reviewed by the stamping party. Therefore, the stamping party makes no representation(s) with respect to its contents, and shall not be liable for such. Any reliance on this stamp shall be at the relying party(ies)'s own risk and hereby waives any and all claim(s) related to the existence of the stamp or otherwise.

SCOPE OF WORK

1. 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.

2. QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.

3. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

PRESERVATION/PROTECTION (IF APPLICABLE)

1. 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.

2. 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.

3. TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

PLANT MATERIALS

1. GENERAL - ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.

2. 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".

3. VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.

4. 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.

5. BALLED AND BURLAPPED (&&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.

6. 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.

7. 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

1. 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 ADMXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.

2. 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

1. OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.

2. BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEIOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.

3. 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.

4. 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.

5. PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.

6. APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

PLANTING SOIL

1. 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.

OTHER MATERIALS

1. 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.

2. MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF THE FOLLOWING:

a. 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.

b. 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.

GENERAL WORK PROCEDURES

1. LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE GEORGIA STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.

2. CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.

3. ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.

4. 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

1. 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

1. 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.

2. PLANTING PITS SHALL BE AS PER DETAILS.

3. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT, FILL WITH PLANTING SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.

4. 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.

5. 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.

6. INSTALL BED EDGING AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.

7. 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.

8. REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

FINISH GRADING

1. ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.

2. 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.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.

4. PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

GROUND COVER

1. SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.

2. MULCH GROUND COVER WITH 2" THICKNESS OF SPHAGNUM PEAT.

3. IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.

4. 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

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

CLEANUP

1. 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 OWNERS AUTHORIZED REPRESENTATIVE.

LANDSCAPE NOTES & PLANTING SPECIFICATIONS

IRRIGATION

1. CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE.

2. 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.

3. 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.

5. 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.

6. PRIOR TO UPDATING THE IRRIGATION SYSTEM, A CERTIFIED IRRIGATION DESIGNER SHALL PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL.

5. 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.)

1. MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.

2. 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.

3. 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.

4. MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.

5. 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

1. 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

2. 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.

3. SOD SHALL BE CUT TO A DEPTH EQUAL TO THE GROWTH OF THE FIBROUS ROOTS BUT IN NO CASE LESS THAN 1 INCH.

4. SOD SHALL BE DELIVERED TO THE JOB WITHIN 24 HOURS AFTER BEING CUT AND SHALL BE INSTALLED WITHIN 48 HOURS AFTER BEING CUT.

5. 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.

6. 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.

7. WHEN LAID ON A SLOPE, SOD SHALL BE LAID ON CONTOUR, STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP.

8. SOD SECTIONS OR STRIPS SHALL BE STAGGERED WHEN LAID, IN A BRICK-LIKE PATTERN, WITH SNUG EVEN JOINTS.

9. AFTER SOD IS PLACED, SECURE THE SOD TO THE SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES, OR SPLIT SHINGLES. CONTRACTOR SHALL ENSURE SOD IS STABLE ON SLOPES AND AT A MINIMUM INSTALL ONE FASTENER AT EACH SHORT END OF THE SOD STRIP. FASTENERS SHALL NOT IMPAIR MOWING OR SHOULD BE REMOVED ONCE WELL-ROOTED, ESTABLISHED.

10. 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.

11. THE CONTRACTOR SHALL KEEP ALL SODDED AREAS INCLUDING SUBGRADE, THOROUGHLY MOIST FOR 30 DAYS AFTER SODDING.

12. 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.

13. IF MOWING IS REQUIRED PRIOR TO FULL SOD ESTABLISHMENT, CONTRACTOR SHALL USE APPROPRIATE EQUIPMENT TO NOT DISTURB OR ERODE/RUT SOD.

SEEDING

1. 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.

2. ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN 0.23 POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS.

3. GRASS SEED MIX SHALL CONSIST OF AT LEAST 3 ZOYSIA GRASS (ZOYSIA SP.) VARIETIES, OR MATCH EXISTING SPECIES ON SITE. SEED MIX SHALL BE APPLIED AT A RATE OF 3-4 LB PER 1,000 SF.

GRASS SWALE SEEDING

1. 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.

2. ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN 0.23 POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS.

3. GRASS SWALE SEED MIX SHALL CONSIST OF A MIX OF KENTUCKY BLUEGRASS (POA PREATENSIS) AND BUFFALO GRASS (BOUTELLOUA DACTYLOIDES), TO BE APPLIED AT A RATE OF 3 LB PER 1,000 SF.

PLANTING SCHEDULE

1. 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

ALL TREES AND SHRUBS

SEED AND MULCH

OCTOBER 15 - MARCH 15

APRIL 16 - AUGUST 31

DATE

REMARKS

A1

01-07-2021

CITY COMMENTS

A2

02-18-2022

CITY COMMENTS

03-17-2022

ISSUED FOR RSCS BID

04-01-2022

ISSUED FOR BID

CONTRACT DATE:

-

BUILDING TYPE:

END20

PLAN VERSION:

OCTOBER 2021

BRAND DESIGNER:

DICKSON

SITE NUMBER:

293296

STORE NUMBER:

455386

PA/PM:

SM

DRAWN BY.:

DS

JOB NO.:

2020088.24

TACO BELL

403 E. MAIN ST.  
CARTERSVILLE, GA 30120

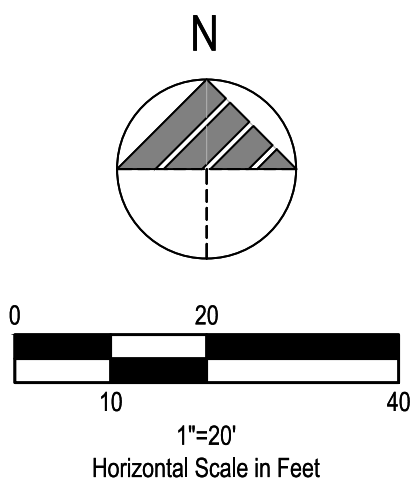
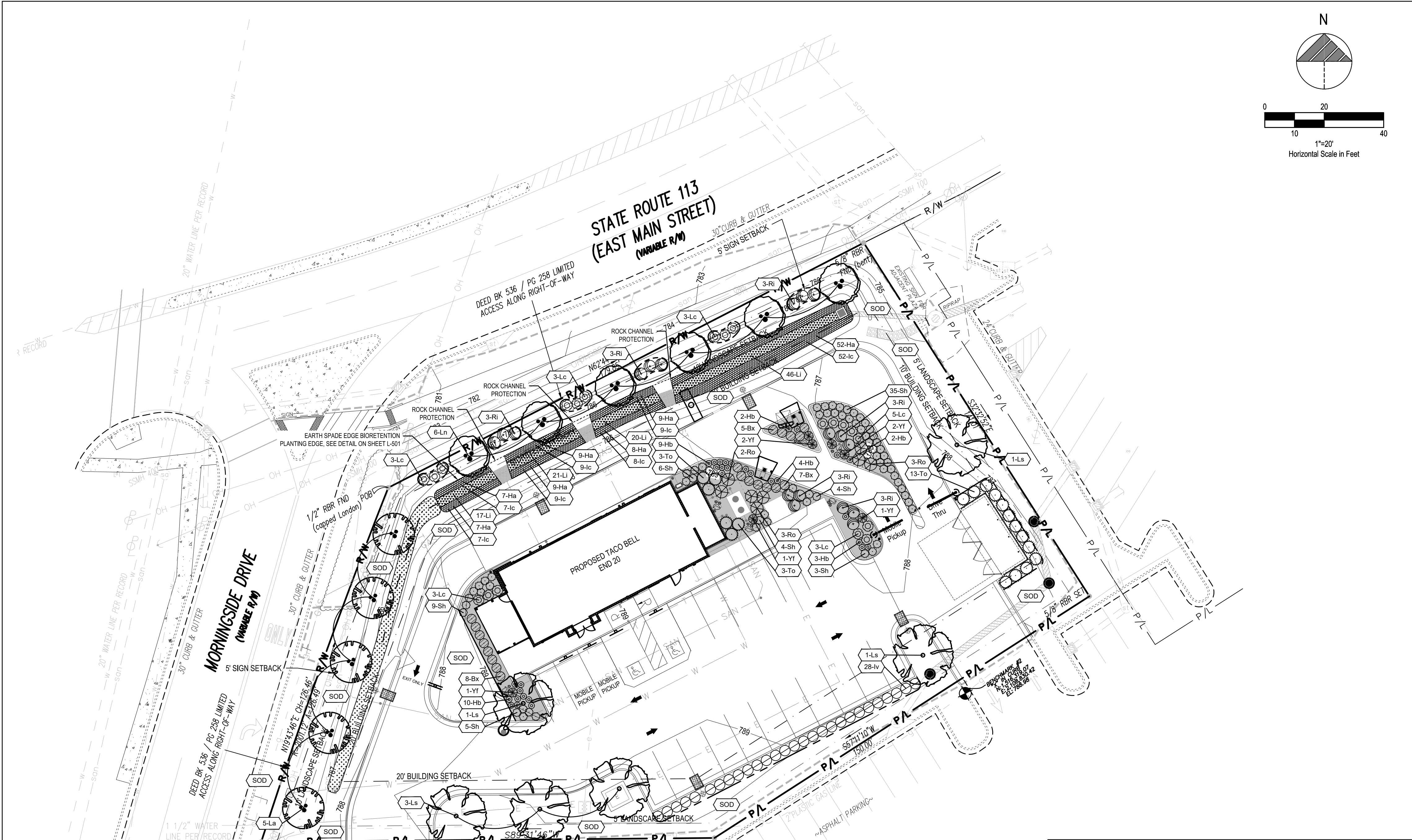
TACO BELL

ENDEAVOR 20

LANDSCAPE NOTES

L-001

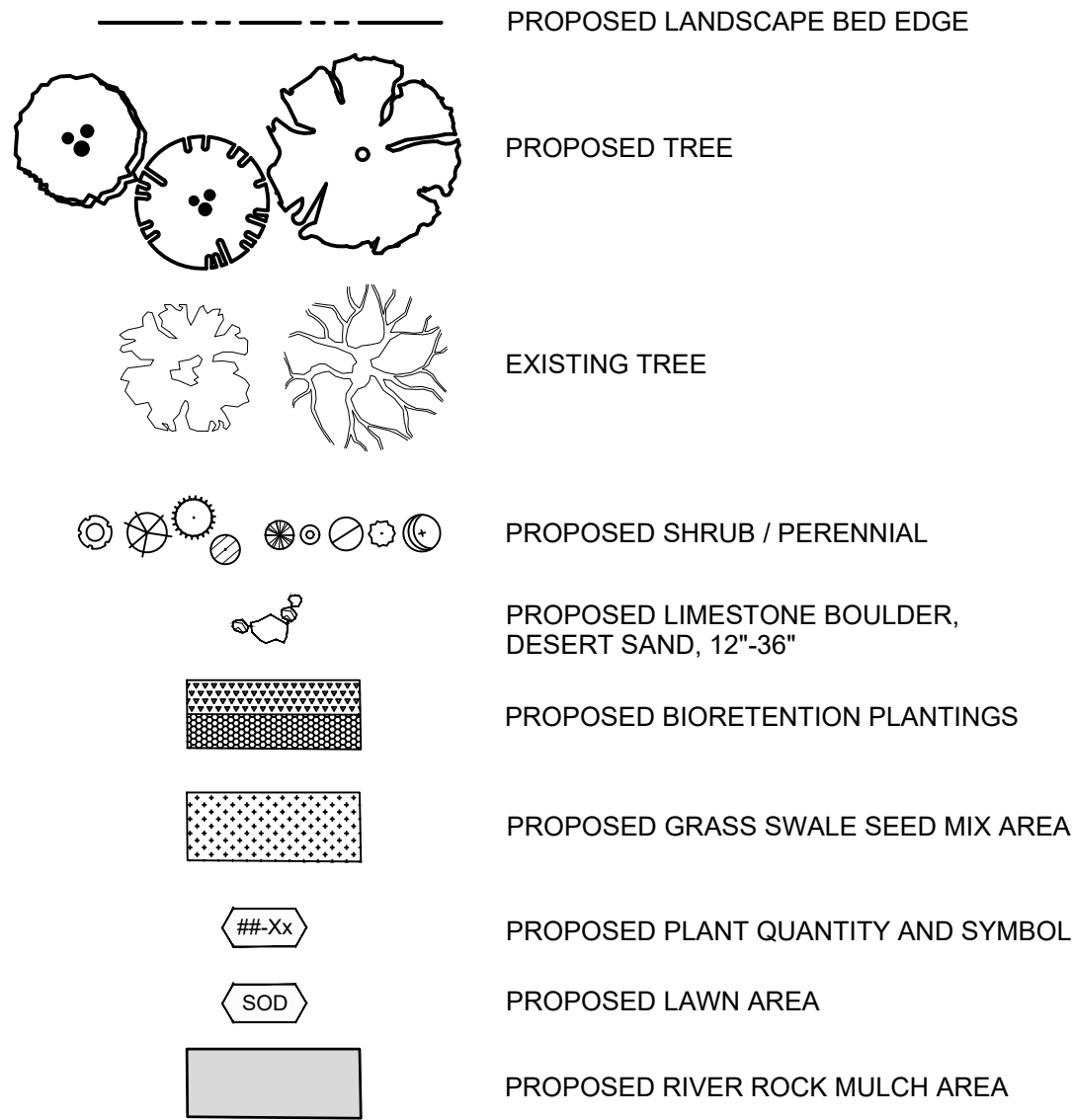
PLOT DATE:



LANDSCAPE NOTES

- MULCH PER LANDSCAPE SPECIFICATIONS.
- ALL DISTURBED AREAS NOT TO BE PAVED OR MULCHED SHALL BE SODDED PER SPECIFICATIONS.
- ALL DISTURBED AREAS WITHIN THE R.O.W. NOT TO BE PAVED, SHALL BE SEEDED PER THE SPECIFICATIONS.
- NO PORTION OF A TREE PLANTING INCLUDING THE PLANTING PIT SURROUNDING THE ROOT BALL SHALL BE WITHIN FIVE FEET OF AN EXISTING OR PROPOSED NATURAL GAS FACILITY.

LANDSCAPE LEGEND



PARKING LANDSCAPE AREA CALCULATIONS

SEC. 17-66. LANDSCAPING REQUIREMENTS FOR PARKING LOTS AND VEHICULAR USE AREAS.

PERIMETER TREE REQUIREMENTS

PLANTED LANDSCAPE STRIPS PARALLEL TO RIGHT-OF-WAYS SHALL HAVE AT LEAST ONE (1) TREE FOR EACH THIRTY (30) LINEAL FEET OF RIGHT-OF-WAY FRONTAGE, WITH A MINIMUM OF TWO (2) TREES REQUIRED.

REQUIRED: EAST MAIN STREET (RT13) 180LF = 6 TREES  
MORNINGSIDE DRIVE 126 LF = 5 TREES

PROPOSED: 11 PERIMETER TREES

PERIMETER TREE REQUIREMENTS

PLANTED BORDERS ALONG ANY SIDE OF A PARKING LOT OR VEHICULAR USE AREA THAT ABUTS ADJOINING PROPERTY THAT IS NOT A PUBLIC RIGHT-OF-WAY SHALL HAVE AT LEAST ONE (1) TREE FOR EACH SEVENTY-FIVE (75) LINEAL FEET OR FRACTION THEREOF OF BORDER AREA.

REQUIRED: ADJOINING PROPERTIES 390 LF = 6 TREES

PROPOSED: 6 EXISTING PERIMETER TREES

PLANT LIST

Symbol	Botanical Name	Common Name	Qty.	Min. Size	Condition	Remarks
Trees						
La	Lagerstroemia indica 'Arapaho'	Arapaho Crape Myrtle	5	8' Ht.	B&B	Multi-stem
Ln	Lagerstroemia indica 'Natchez'	Natchez Crape Myrtle	6	8' Ht.	B&B	Multi-stem
Ls	Liquidambar styraciflua 'Rotundiloba'	Seedless Sweetgum	6	2" cal	B&B	Matching
Shrubs / Perennials						
Bx	Buxus microphylla 'Winter Gem'	Winter Gem Boxwood	20	24" Ht.	B&B	3' o/c
Hb	Hemerocallis 'Going Bananas'	Going Bananas Daylily	30	No. 1	Cont.	2' o/c
Iv	Ilex vomitoria 'Nana' Dwarf Yaupon Holly	Nana Dwarf Yaupon Holly	28	24" Ht.	B&B	3.5' o/c
Lc	Loropetalum chinensis 'Suzanne'	Suzanne Loropetalum	20	24" Ht.	B&B	3.5' o.c
Ri	Rhaphiolepis indica 'Georgia Petite'	Georgia Petite Indian Hawthorn	18	24" Ht.	Cont.	4' o/c
Ro	Rosmarinus officinalis 'Prostratus'	Prostratus Rosemary	8	No. 5	Cont.	Per Plan
Sh	Sporobolus heterolepis	Prairie Dropseed	66	No. 2	Cont.	2.5' o/c
To	Thuja occidentalis 'Emerald'	Emerald Arborvitae	19	6' H	B&B	Per Plan
Yf	Yucca filamentosa 'Color Guard'	Color Guard Yucca	7	No. 5	Cont.	Per Plan
Bioretention Plantings						
Li	Liatris spicata	Dense Blazing Star	104	No. 1	Cont.	2' o/c
Ha	Helianthus angustifolius 'Low Down'	Low Down Swamp Sunflower	101	No. 1	Cont.	2' o/c (groups of 3)
Ic	Ilex Coreopsis leavenworthii	Leavenworth's Tickseed	101	No. 1	Cont.	2' o/c (groups of 3)

DATE	REMARKS
12-07-2021	GDOT COMMENTS
01-07-2021	CITY COMMENTS
02-18-2022	CITY COMMENTS
03-17-2022	ISSUED FOR RSCS BID
04-01-2022	ISSUED FOR BID

CONTRACT DATE: -  
BUILDING TYPE: END20  
PLAN VERSION: OCTOBER 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: DS  
JOB NO.: 2020088.24

TACO BELL

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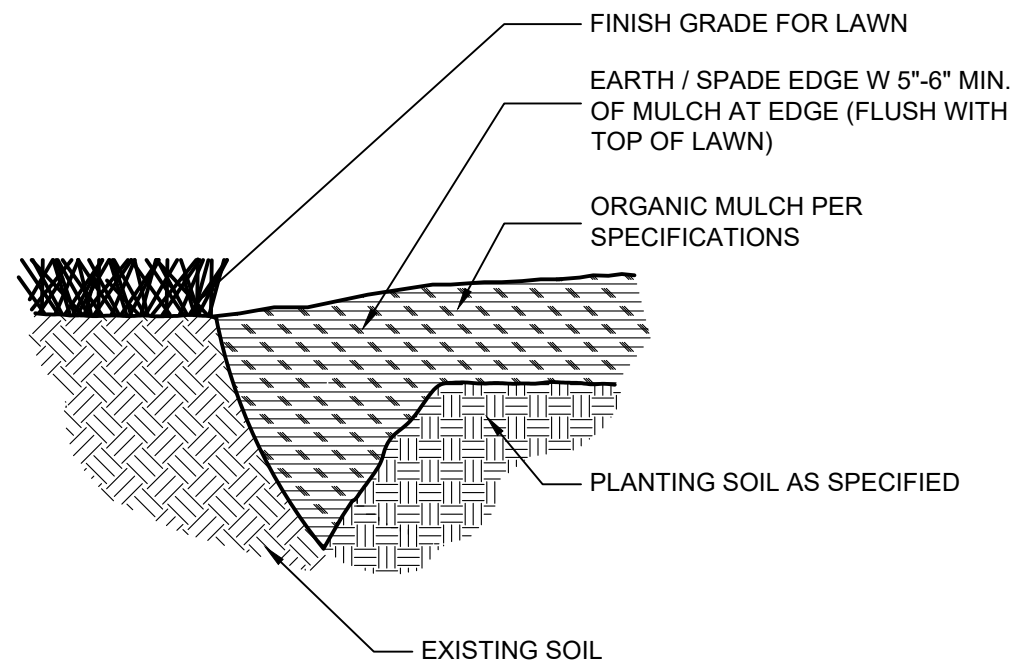


ENDEAVOR 20

LANDSCAPE  
PLAN

L-101

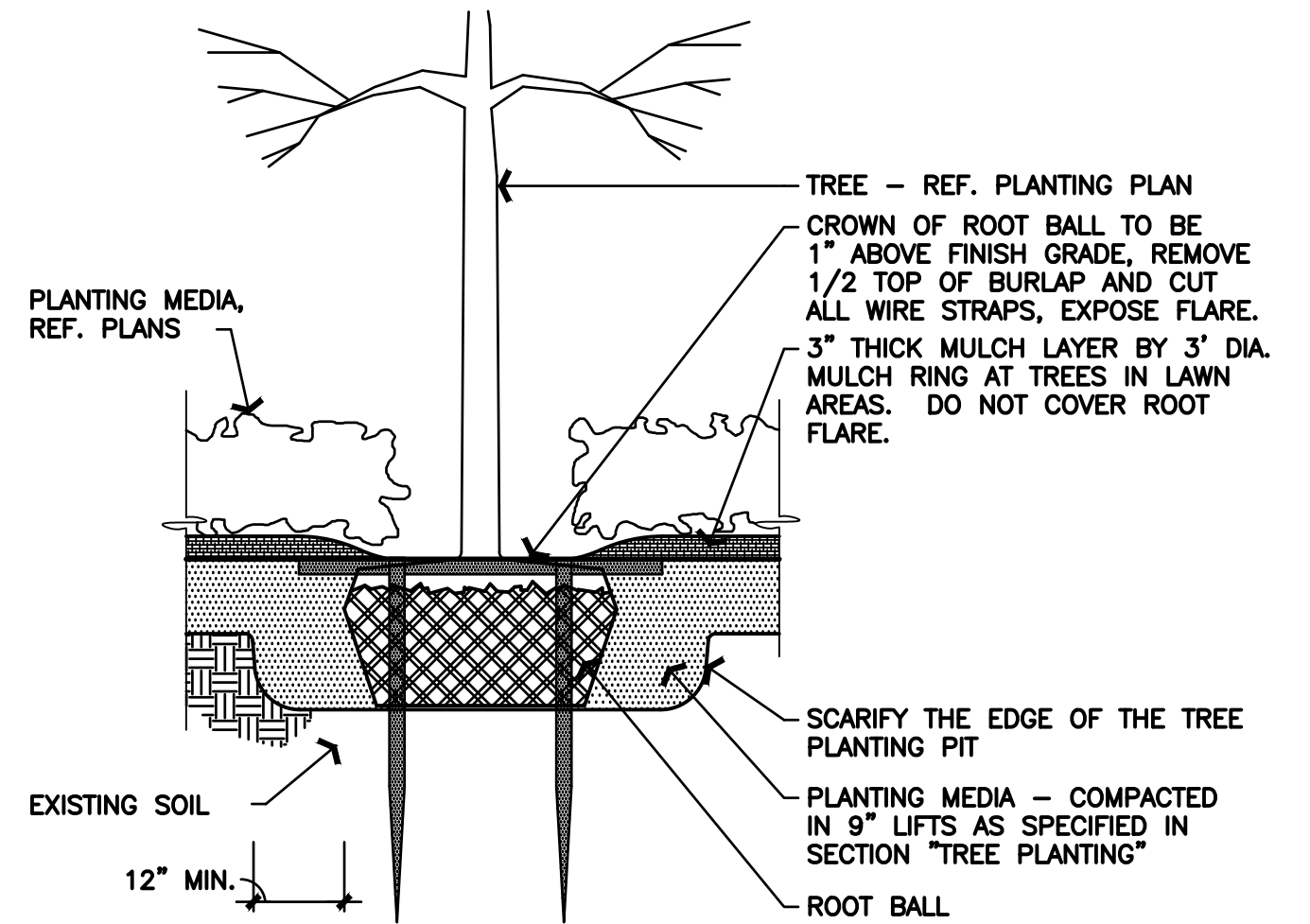
PLOT DATE:



GENERAL NOTES:  
USE WHEREVER MULCHED PLANTINGS TRANSITION TO TURF AREAS, INCLUDING ALL TREE MULCH RINGS, SHRUB BEDS, MASS PLANTINGS BEDS, ETC...

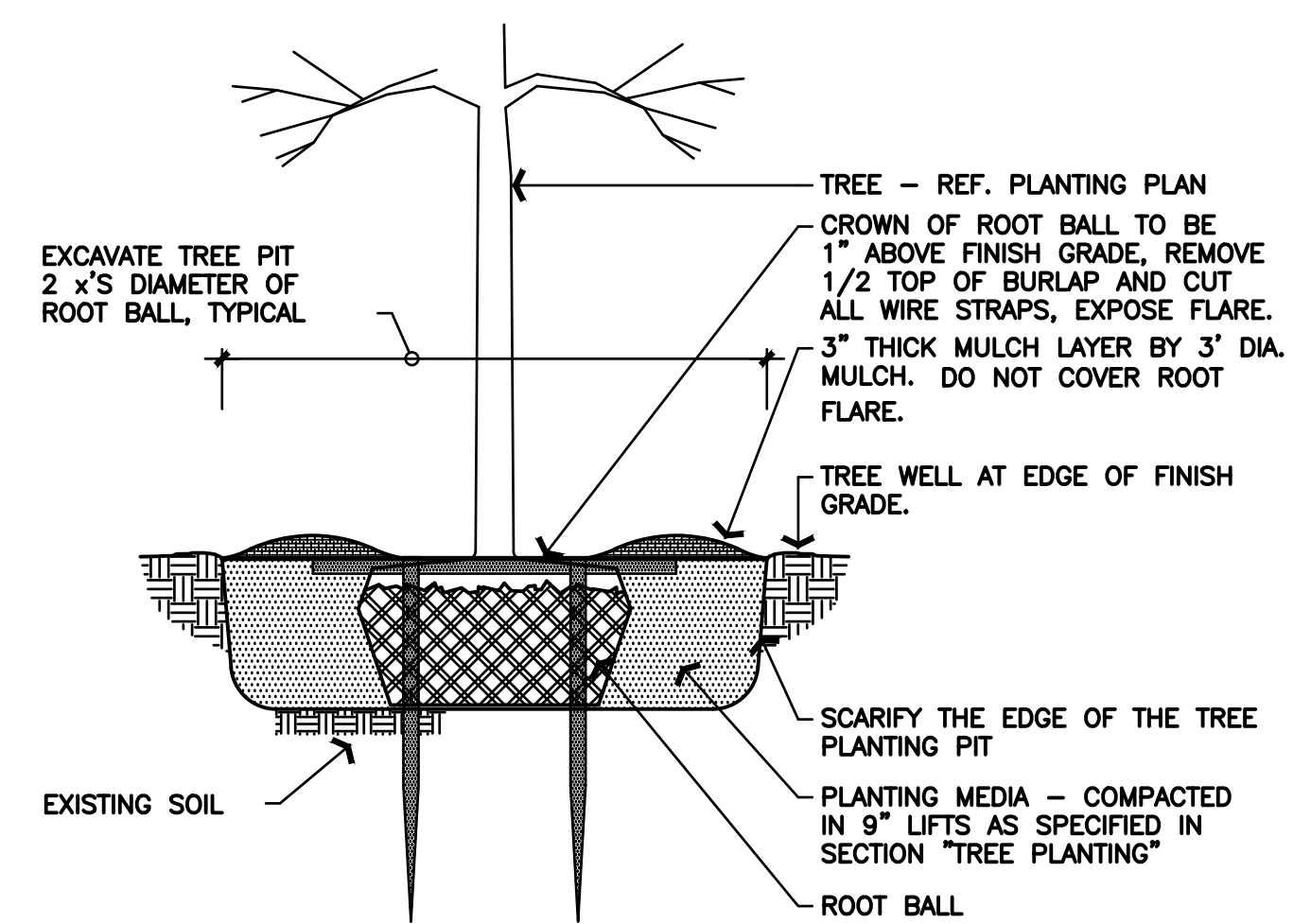
### EARTH SPADE EDGE DETAIL

N.T.S.



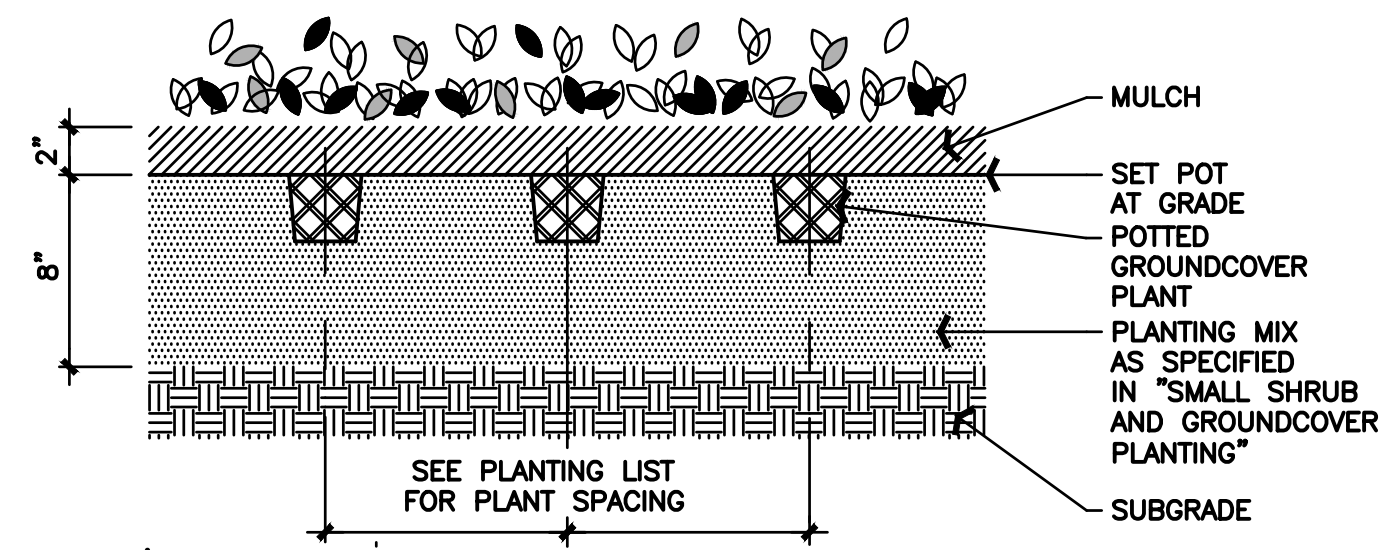
### TREE PLANTING IN PLANTER - SECTION

1/2" = 1'-0"



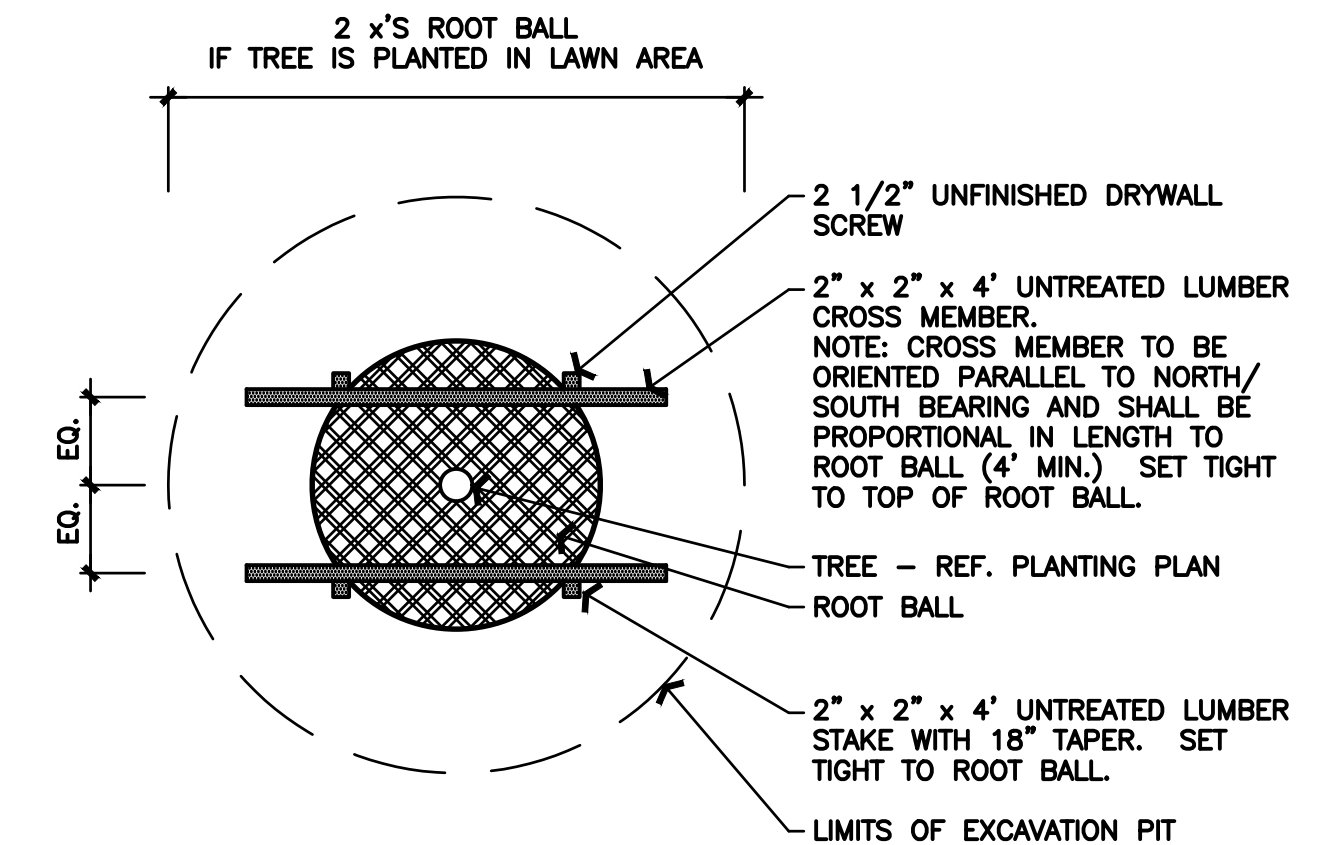
### TREE PLANTING IN LAWN - SECTION

1/2" = 1'-0"



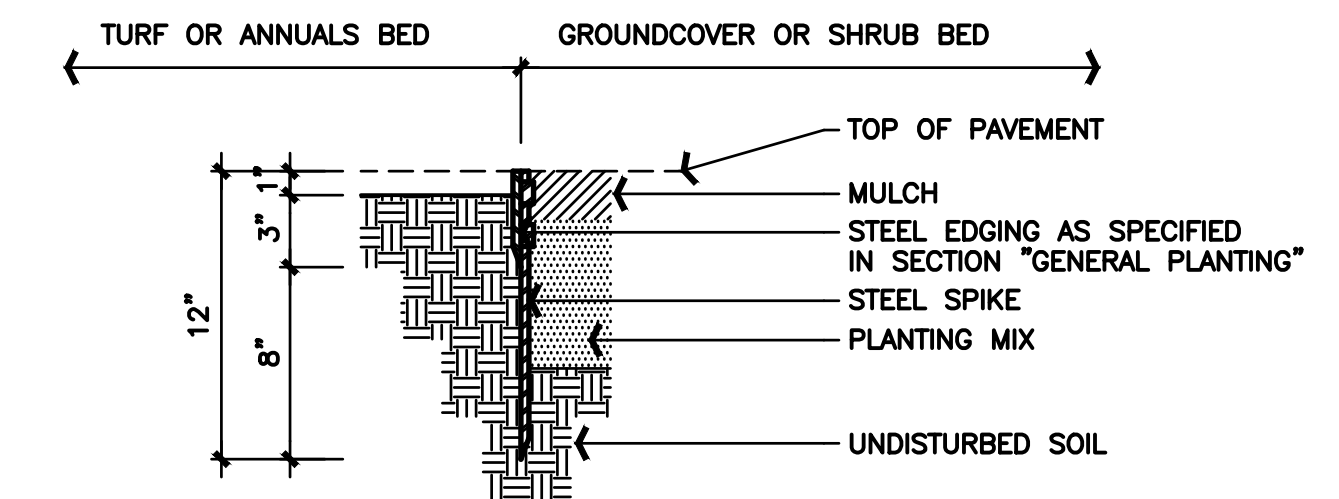
### GROUNDCOVER PLANTING - SECTION

1 1/2" = 1'-0"



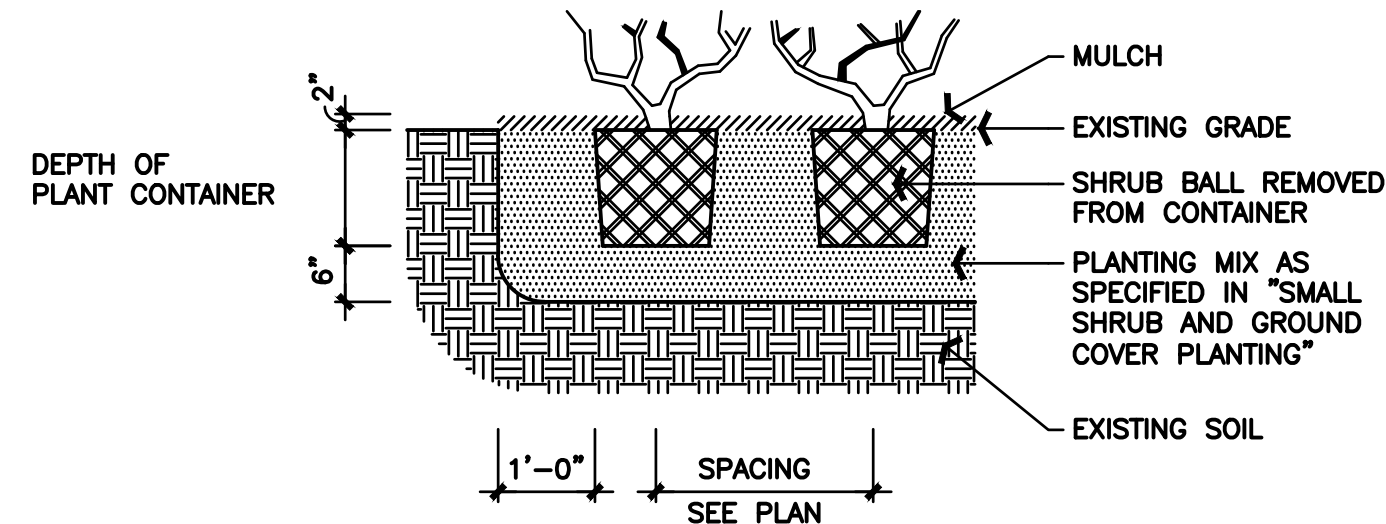
### TYPICAL TREE STAKING - PLAN

1/2" = 1'-0"



### STEEL EDGING - SECTION

1 1/2" = 1'-0"



### SHRUB PLANTING - SECTION

1/2" = 1'-0"

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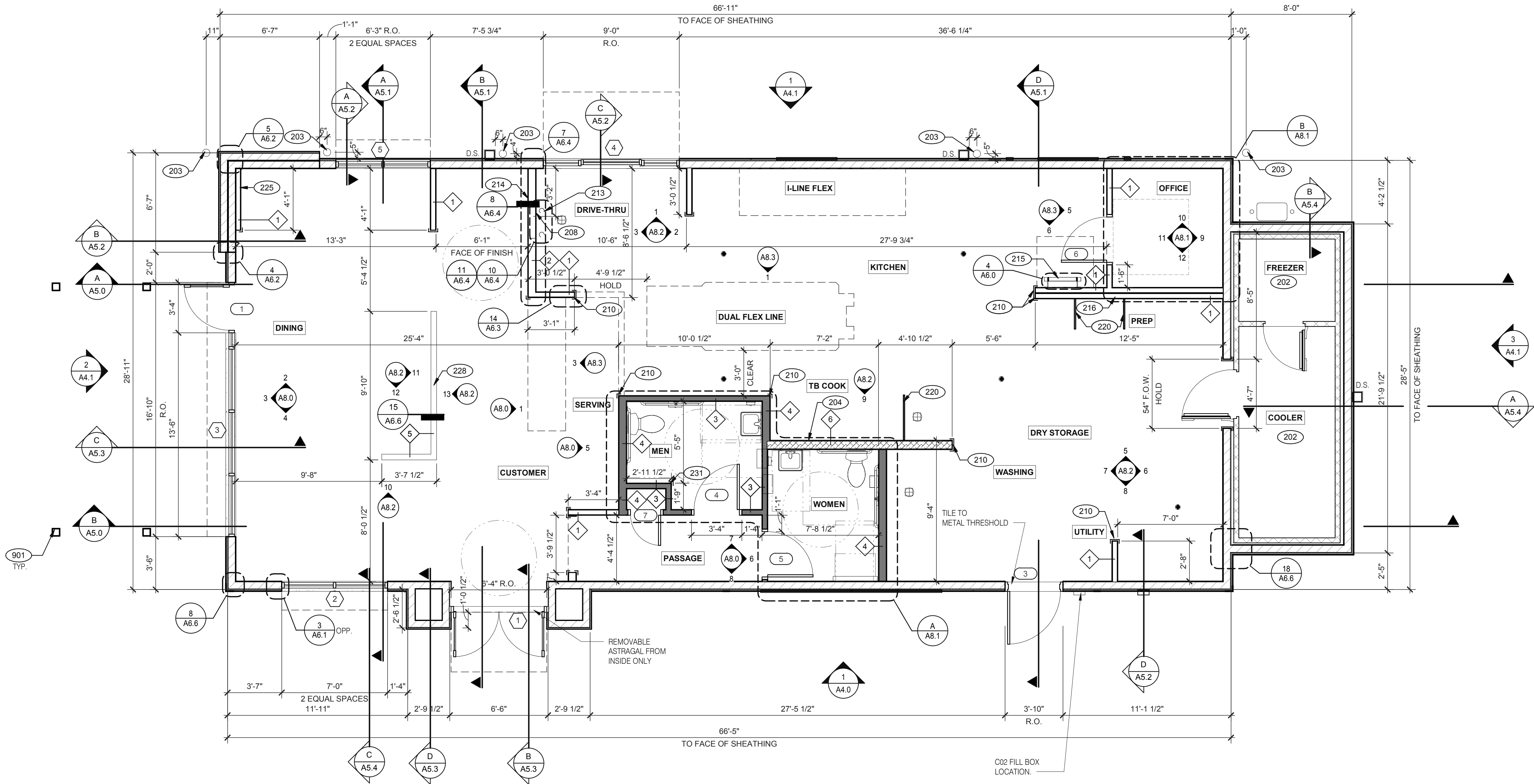


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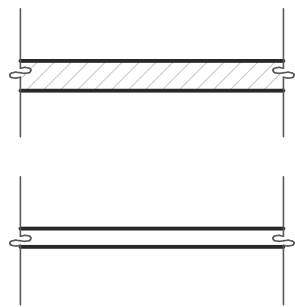
LANDSCAPE  
DETAILS

L-501

PLOT DATE:



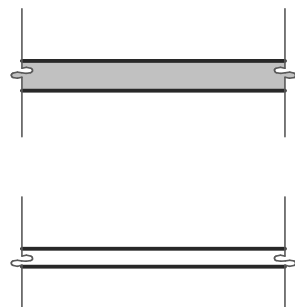
**FLOOR PLAN** 1/4" = 1'-0" **1**



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

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

- 1 2X4 WOOD STUDS  
2 2X6 WOOD STUDS



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

- 3 2X4 WOOD STUDS 4 2X6 WOOD STUDS

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

- 5 2X4 WOOD STUDS

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

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

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

**WALL SUBSTRATES:**  
- DINING ROOM:  
1/2" GYPSUM WALLBOARD FROM FLOOR SLAB TO 6' ABOVE CEILING HEIGHT U.O.N. SEE 6 & 8/A6.3 (NOTE: THE CEMENT BOARD SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBILITY.)  
- KITCHEN WALLS AND DINING ROOM CLOSET:  
1/2" CEMENT WALLBOARD FROM T.O. SLAB T.O. 12" A.F.F. AT 12" A.F.F., USE 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6' ABOVE CEILING HEIGHT U.O.N. IF DOUBLE SIDE SHEAR WALL 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.  
901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.

**KEY NOTES**

**B**

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
FLOOR PLAN**

**A1.0**

PLOT DATE: 3/31/2022 11:03:45 AM



## 9

- ## NATIONAL ACCOUNTS SUPPLIER

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

## STOREFRONT SPECIFICATION

GLAZING  
VITROGLAZINGS  
SOLARBAN 90 SOLAR CONTROL LOW-E  
GLASS



## GLASS SCHEDULE

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

\*\*\*\*ALL STOREFRONT GLAZING SHALL BE LOW "E" SOLAR GLASS\*\*\*\*

## NOTES

1. LAMINATE DOORS 4, 5, 6 & 7 AND PAINT FRAMES 3, 4, 5, 6 & 7. SEE INTERIOR ELEVATION, SHEET A8 A0, A8.1 & A8.2.
2. ALL HARDWARE SHALL BE US32D U.O.N.
3. ALL HM FRAMES SHALL BE 16 GA. STEEL U.O.N.
4. ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEyed ALIKE.
5. PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
6. MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
7. LOCKNET SECURITY DOOR, COMPLETE DOOR, FRAME, AND HARDWARE PACKAGE PROVIDED BY RSCS FACILITIES CONNECTIONS.
8. PROVIDE PUSH/PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE: DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL.
9. MOUNT KICKPLATE ON PUSH SIDE ONLY.
10. MAXIMUM DOOR OPERATING PRESSURE: 5 LBS INTERIOR, 8.5 LBS EXTERIOR.
11. ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION - (1) MEN, (1) WOMEN. SEE G4.0.
12. RESTROOM SIGN REQUIRED. SEE G4.0.
13. INSTALL WITH APPLIED DOORS STOPS AND WEATHER STRIPS.
14. FRAMES SHALL BE PAINTED. SEE INTERIOR OR EXTERIOR ELEVATIONS.
15. PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCK.
16. NOT USED.
17. NOT USED.
18. GC TO TRIM DOOR SWEEP TO FIT DOOR.

### DOOR SCHEDULE NOTES

1

	DATE	REMARKS
	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE:	10.05.2020
BUILDING TYPE:	END. MEDICAL
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2020088.24

## DOOR SCHEDULE

2



## DOOR TYPES

3

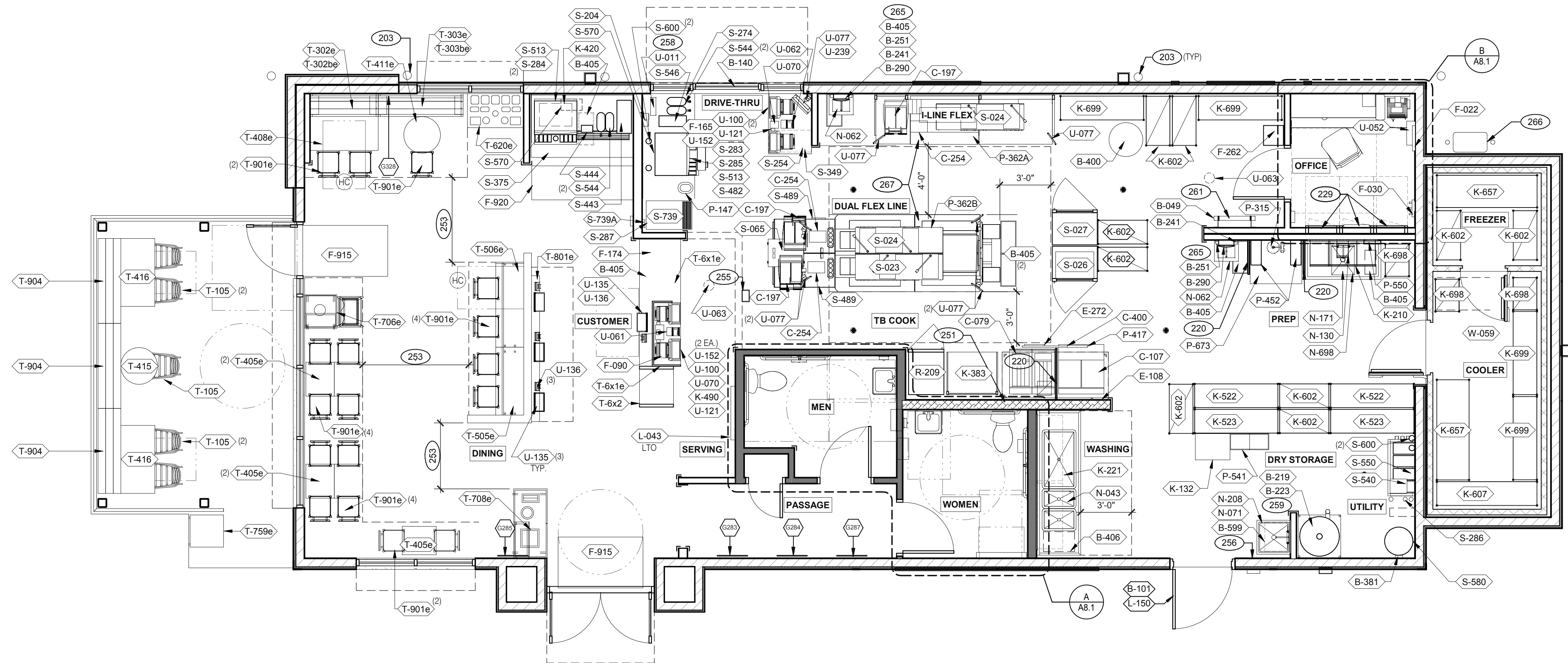
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
**DOOR &  
WINDOW  
ELEVATIONS &  
SCHEDULES**

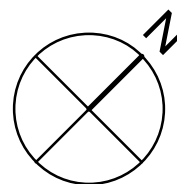
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PLOT DATE: 3/31/2022 11:03:50 AM



	DATE	REMARKS
	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

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

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

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 - CW2	E	F01	28x40	SEE A8.0
1	GM - EXT1	E	M03	TBD	SEE A4.0
THIS MURAL WILL BE PRINTED ON THREE SECTIONS OF EXPRESSION PANEL MATERIAL AND ASSEMBLED INTO ONE LARGE FRAME AND MOUNTED ON WALL.					
	GM - SKIP THE LINE	E	M02	48x96	SEE A4.1
	GM - ORDER AHEAD	E	M02	48x96	SEE A4.1

**DECOR**

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

GENERAL NOTES		C1
STORAGE TYPE	LINEAR FT.	
DRY STORAGE	50	
COLD STORAGE	26	
FROZEN STORAGE	12	

203 PIPE BOLLARD. SEE CIVIL DRAWINGS.  
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 CASED 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.

FURNITURE PACKAGE - BY FURNITURE VENDOR U.O.N.		E
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ARTWORK SCHEDULE		D
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SHELVING QUANTITIES	C2
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XXX	<b>KEY NOTES</b>	<b>B</b>
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TACO BELL

403 E. Main St.  
Cartersville, GA 30121



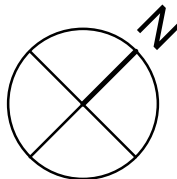
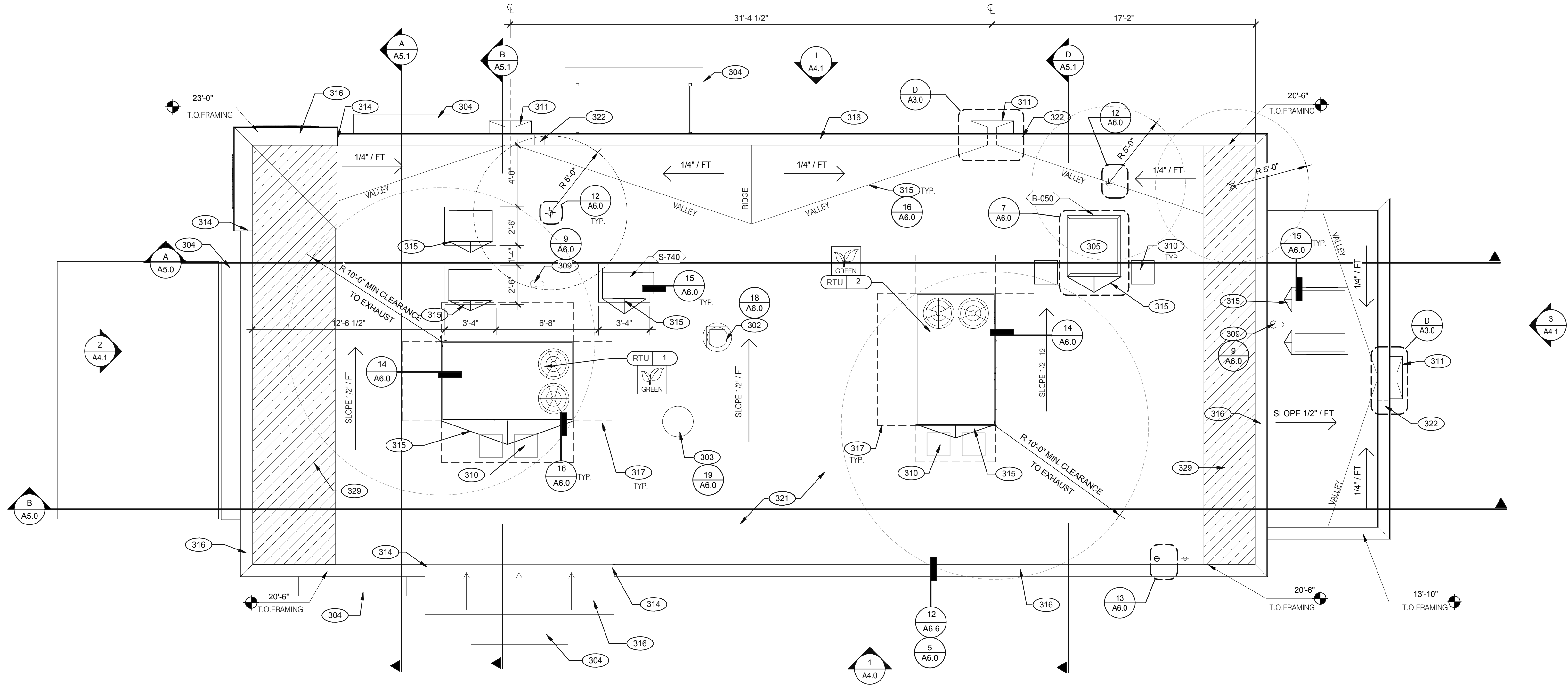
## ENDEAVOR 2.0 EQUIPMENT AND SEATING PLAN

## A2.0

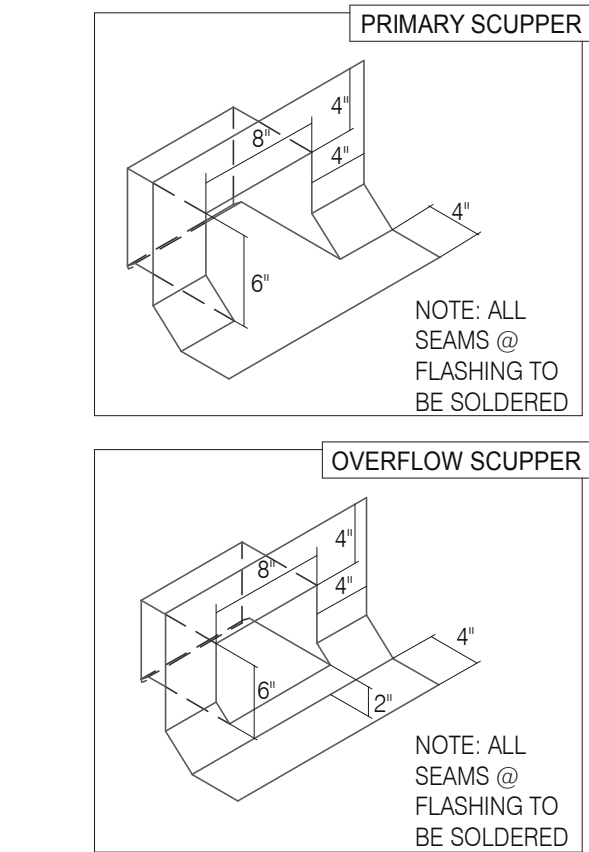
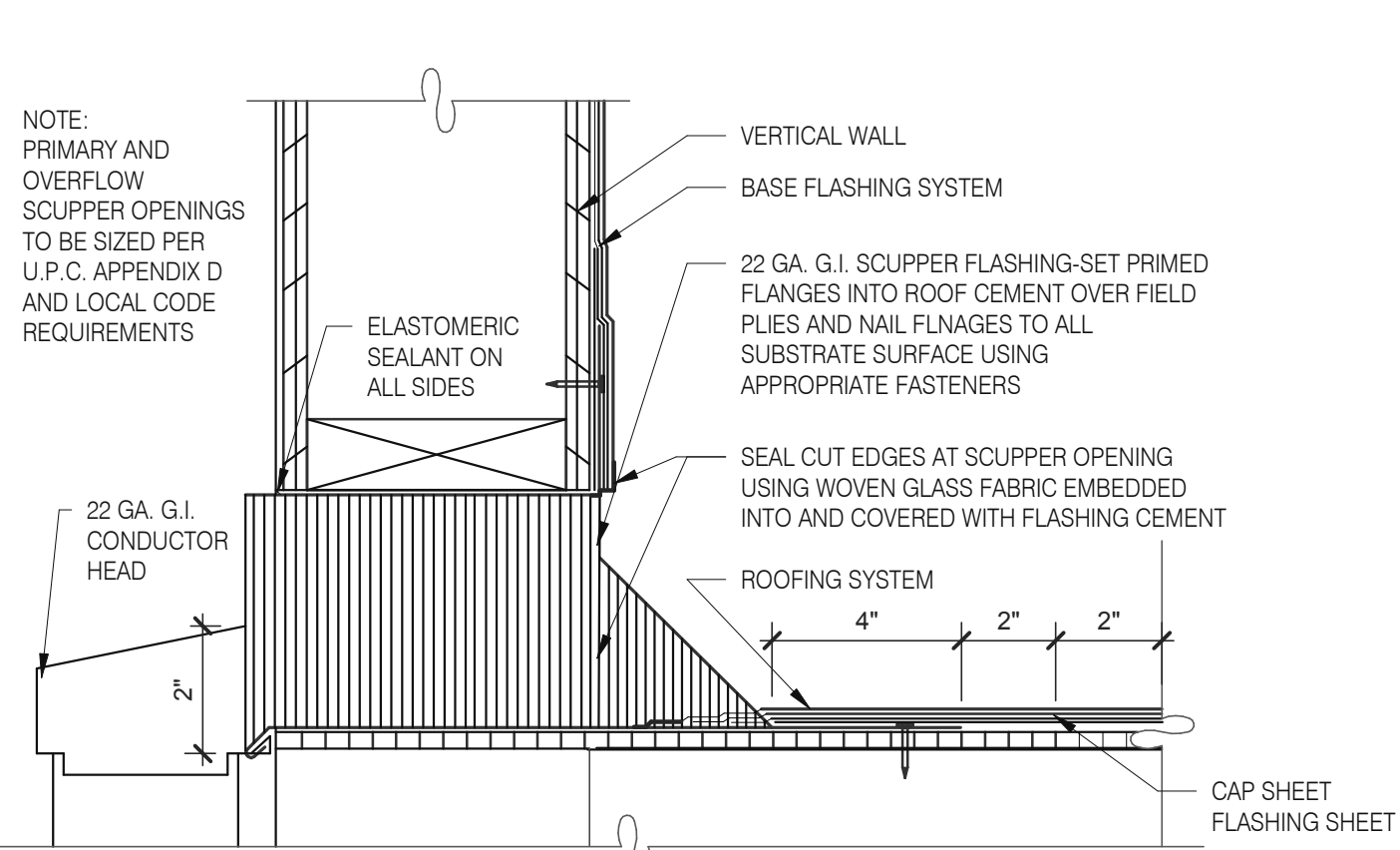
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EQUIPMENT SCHEDULE

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		SECURITY DOOR	RSBS FACILITIES CONNECTION		SECURITY DOOR PER QUOTE LOCKNET TAN STEEL. INCLUDES: STEEL FRAME	S-026	1	X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB		X	W/8 SHELVES EACH		
B-140	1	X	DT WINDOW	QUICKSERV#SC4030BR - SELF CLOSING, R/H HANDLE, OPENS RIGHT		FINISH TO MATCH STOREFRONT, DARK BRONZE	S-027	1	X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB		X	W/ 8 RACKS		
B-219	1	X	WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC. #98147			S-065	1	X	DESSERT TOWER	HATCO #GRBW-24D					
B-223	1	X	98% HIGH EFFICIENCY 199 MBH, 100 GAL. GAS WATER HEATER	A.O. SMITH BTH-199 100 CYCLONE HE	X	X	S-204	1	X	DRIVE-THRU TIMER SYSTEM	HME #C11422TB		X			
B-241	4	X	SOAP DISPENSER (WALL MOUNT)	KAY 3741			S-254	1		CONDIMENT RACK	PRONTO #CHPW0446					
B-251	2	X	SANITIZER DISPENSER (WALL MOUNT)	KAY 3741			S-274	1	X	DRIVE-THRU BEVERAGE WORKSTATION	SPG WST1242YA			OPTIONAL: METRO		
B-253	2	X	PAPER TOWEL DISPENSER/TRASH 12 GAL.	BOBRICK #B-3944			S-283	1	X	DRINK STAGER WITHOUT STRAW HOLDER	WST788E					
B-265	2	X	MIRROR, 18 x 36	BOBRICK #B-165-1836			S-284	1		BEVERAGE DISPENSER - SELF-SERVE	CORNELIUS 611057625	X	X	SEE SCOPE OF WORK (PEPSI)		
B-275	2	X	TOILET PAPER DISPENSER	BOBRICK #B-2890			S-285	1		BEVERAGE DISPENSER - DRIVE THRU	SERVEND	X	X	SEE SCOPE OF WORK (PEPSI)		
B-290	2	X	PAPER TOWEL DISPENSER	BOBRICK #B-262			S-286	1	X	WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003			FRANCHISEES CAN USE SELECTO #TB5/620-5		
B-300	2	X	GRAB BAR 1-1/2 DIA. X 42 S.S. FIN.	BOBRICK #B6806X42			S-287	1	X	ISS-TABLE, D/T, TB, 24 IN X36 IN PREASSEMBLED	FBD #1273610021	X	X			
B-305	2	X	GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X48			S-349	1		DRIVE-THRU PICK-UP WORKSTATION 30X42	SPG			OPTIONAL:METRO		
B-310	2	X	GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18			S-375	1	X	DRINK STATION	CARTER-HOFFMAN	X		S/S, INSULATED DRAIN TROUGH, WEIGHT RATED		
B-320	1		CHANGING STATION				S-443	1	X	LID DISPENSER	CAL-MIL ADA TB103					
B-381	1	X	CO2 CARBON DIOXIDE SENSOR/WARNING	LogiCO2 CO2 MK9 SENSOR		X	S-444	1	X	NAPKIN DISPENSER	TOR XPRESSNAP #5555100					
B-400	1	X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)			S-482	1		CUP DISPENSER	A.J. ATUNES #DAC560			W/ ANGLED MOUNTING BRICKET OMNITEAM CDB-DTA		
B-405	7	X	WASTE BASKET				S-489	2		SCALE	EDLUND			10#X.10Z, ELECTRONIC, EDLUND #DS-10 CSTM; WSM #113464		
B-406	1	X	WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)			S-513	2		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-410	1	X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140			S-540	1		PEPSI BOOSTER TANK		X	X	SEE SCOPE OF WORK (PEPSI)		
B-599	1	X	MOP SINK SHELIVING	SPG #WST806Y			S-544	4		ICE TEA URN	BUNN/TDO-N-3.5					
C COOKING EQUIPMENT						U SECURITY/COMMUNICATIONS/FIRE PROTECTION/POS										
C-079	1	X	DUAL FRYER	FRYMASTER #2FGQ30J		X	X	COMES WITH GAS HOSE KIT (OPTIONAL: PITCO #TB-SSHVLV1-2/FD VS7)	U-011	1		BASE STATION - D/T COMM. SYSTEM	HME #C40000-5-HS3-TB			
C-107	1	X	RETHEMALIZER	PITCO #TB-SRTG14-2	X	X	X		U-052	1	X	SECURITY SYSTEM	ADT #3BCZTB		X	
C-197	3	X	TOASTER, SPLIT LID	PROLUXE SL1266TB		X		POWERED BY PRODUCTION LINE - (OPTIONAL: STAR #PSC14DTB)	U-061	1		CREDIT CARD READER			X	
C-254	3	X	CHEESE MELTER (SINGLE)	A.J.ANTUNES #CM-100	X	X		POWERED BY PRODUCTION LINE	U-062	1		DRIVE-THRU CREDIT CARD READER	VERIFONE P400		X	
C-400	2	X	RETHEMALIZER TIMER	FAST #TBZAP12120V		X			U-063	2		ALARM SENSOR			X	
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		FRY STATION REACH-IN FREEZER (RIGHT HINGED)	DELFIELD #GBF1P-SH-TB2		X	OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SH-IK-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		OFFICE COMPUTER	POS PROVIDED		X		IN OFFICE AREA, SEE SHEET A8.2								
F-050	1		CREDIT CARD SATELLITE ROUTER JUNCTION													
F-060	1		MONITOR - OFFICE	YUM												
F-080	1		OFFICE PRINTER/COPIER/FAX/SCANNER	POS PROVIDED		X										
F-090	4		UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED		X										
F-102	1	X	MONEY COUNTER	TELLERMATE #T1XR3000		X		IN OFFICE AREA								
F-131	1		SPEAKERS	MOOD MEDIA LOCAL LEASE		X										
F-165	2	X	FRONT LOAD SAFE	PERMA VAULT #PRO-10TM												
F-174	1		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		STACKABLE HIGH CHAIR													
F-504	1		DVR & MONITOR													
F-915	2		FLOOR MAT	CREWSAFE, ENTRANCE I #41150012				RUBBERIZED - 3'-5", RIBBED, CHARCOAL, WSM #800503								
F-920	1		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		CART, CLOSING MADE SIMPLE	SPG / ISS (Alternate: METRO)				#WST1434Y								
K-210	1		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		FRY WORKSTATION 30D x 78H x 36 in.	SPG / ISS (Alternate: METRO)				#WST1724E, 36 in. Crispy Frystation								
K-420	1		SHELF, BEV PLATFORM 18X24	SPG / ISS (Alternate: METRO)				#WST34Y: F/CARBONATOR, &/OR RECIRC PUMP								
K-490	2		SHELVING 18x24x24, 2-TIER	SPG / ISS (Alternate: METRO)				#WST440Y								
K-522	2		SHELVING, 18x60x76, 5-TIER, SMALL PACKAGING	SPG / ISS (Alternate: METRO)				#WST1548Y								
K-523	2		SHELVING, 18x60x76, 3-TIER, CUP & LID	SPG / ISS (Alternate: METRO)				#WST1580Y								
K-602	9		SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)				#WST238Y								
K-607	1		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		SHELVING 18X24X74, 5-TIER	SPG / ISS (Alternate: METRO)				#SU186075Y								
K-699	4		SHELVING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO)				#SU186075Y								
L LIGHTING/SIGNAGE/MENUBOARDS																
L-043	1		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		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		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	X									
P-362B	1	X	FLEX DUAL LINE	FRANKE		X	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		STORAGE BINS	B4B SYSTEMS #03070100												
P-550	1	X	KNIFE RACK	EDLUND #KR-699												
P-673	1		WORK TABLE													



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



SCUPPER FLASHING D

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

ROOF PLAN NOTES C

- 302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL 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

KEY NOTES B

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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

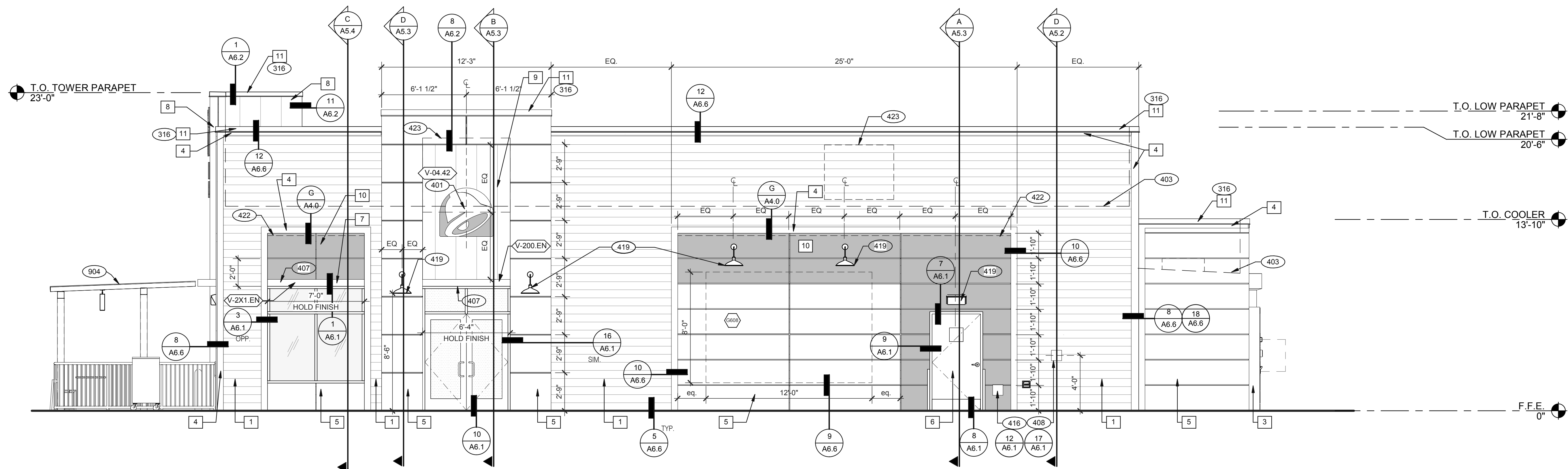
403 E. Main St.  
Cartersville, GA 30121



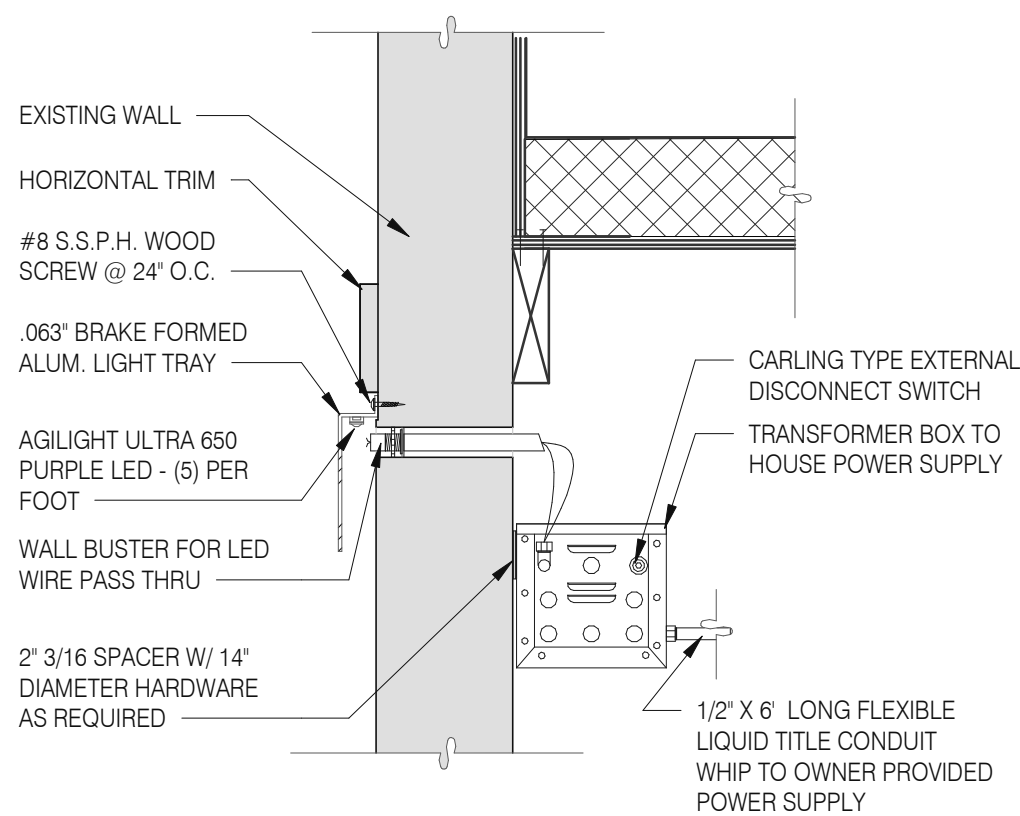
ENDEAVOR 2.0  
ROOF PLAN

A3.0

PLOT DATE: 3/31/2022 11:04:18 AM



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



## LED WALL WASHER DETAIL

**C**

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
SIDE ENTRY			
V-04.42	1	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.0
V-200.EN	1	SIDE ENTRY AWNING 6' 3" L X 6' H X 3' 0" D, BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" L X 6' H X 4' 0" D, BLACK	A4.1
EYEBROW AWNINGS			
V-2X1.EN	1	SIDE ENTRY EYEBROW (WINDOW) 6' 11" L X 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-2X3.EN	1	DT EYEBROW (WINDOW) 6' 2" L X 6' H X 1' 4" D, BLACK	A4.1

## SIGNAGE

**F**

### MISCELLANEOUS

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

SEALERS (REFER TO SPECS)

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





### CRITICAL DIMENSIONS

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

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

## GENERAL NOTES

D

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

## PAINTING

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

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CONTRACT DATE: 10.05.21

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 293296

STORE NUMBER: 455386

PA/PM: SM

DRAWN BY.: RS

JOB NO.: 2020088.24

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403 E. Main St.  
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ENDEAVOR 2.0  
**EXTERIOR  
ELEVATIONS**

# A4.0

PLOT DATE: 3/31/2022 11:04:35 AM

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
[1]	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144"L X 8.25"W, 7" EXPOSURE COMES PRIMED FOR PAINT	WORLDLY GRAY (SW7043), SEMI-GLOSS	SEE C / A 7.2
[2]	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
[3]	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
[4]	HARDIE TRIM	JAMES HARDIE	HARDIE TRIM 5/4 SMOOTH 1"x5.5"	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
[5]	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
[6]	HOLLOW METAL DOOR	-	-	SW PURPLE TB2603C, SEMI-GLOSS	
[7]	AWNINGS	SIGNAGE VENDOR	-	BLACK BY THE SIGNAGE VENDOR	
[8]	CORNER TOWER	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
[9]	RECESS OF SIDE ENTRY PORTAL	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
[10]	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	SW PURPLE TB2603C, SEMI-GLOSS	SEE C / A 7.2
[11]	METAL PARAPET CAP	-	24GA GALVANIZED	CYBERSPACE (SW7076) KYNAR 500 COATING	

## EXTERIOR FINISH SCHEDULE

E

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

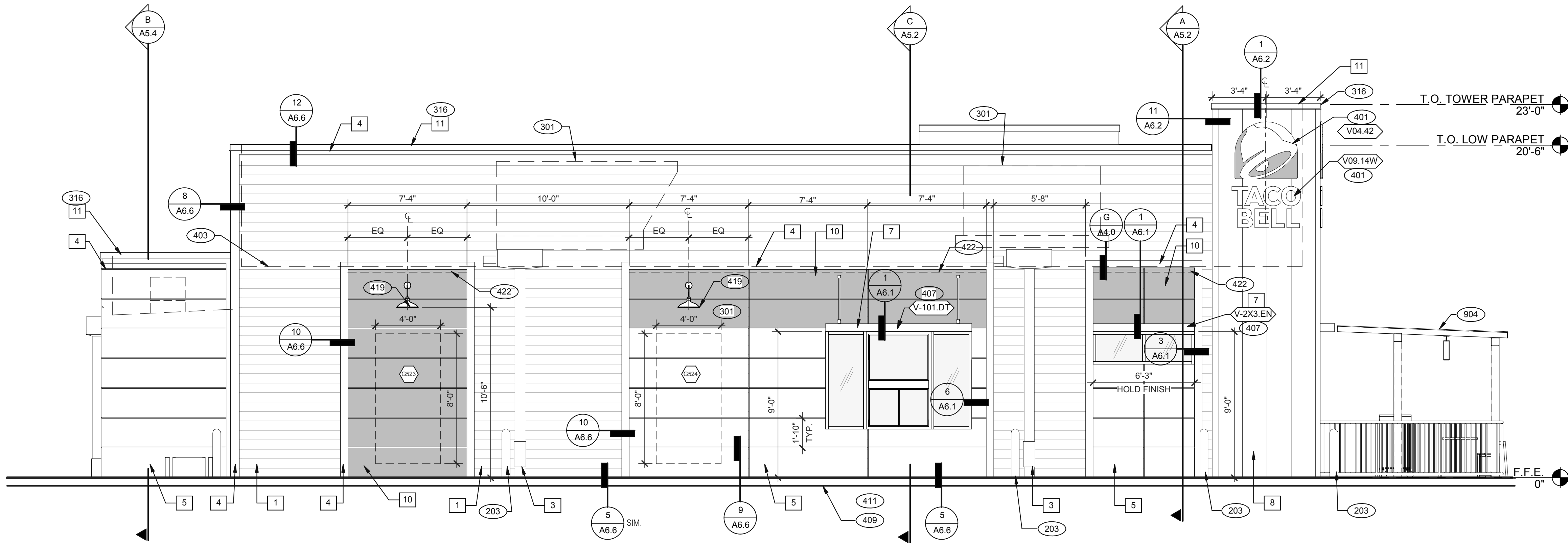
## KEY NOTES

2



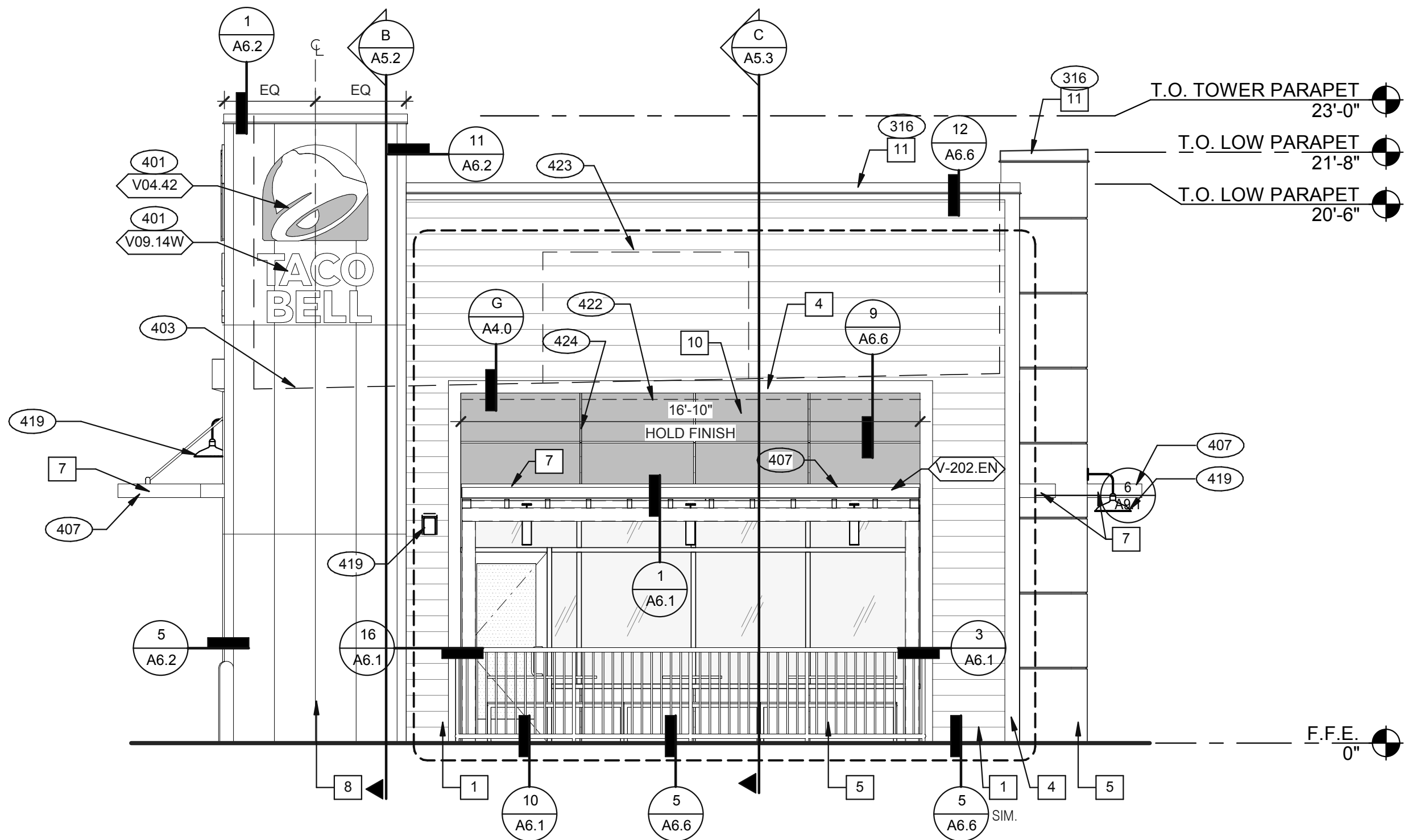
SEE SHEET A4.0 FOR FINISH SCHEDULE

- 203 PIPE BOLLARD. SEE CIVIL DRAWINGS.  
301 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL. SEE MECHANICAL DRAWINGS  
316 METAL PARAPET CAP.  
401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.  
403 DASHED LINE INDICATES ROOF BEYOND.  
407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.  
409 ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.  
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.

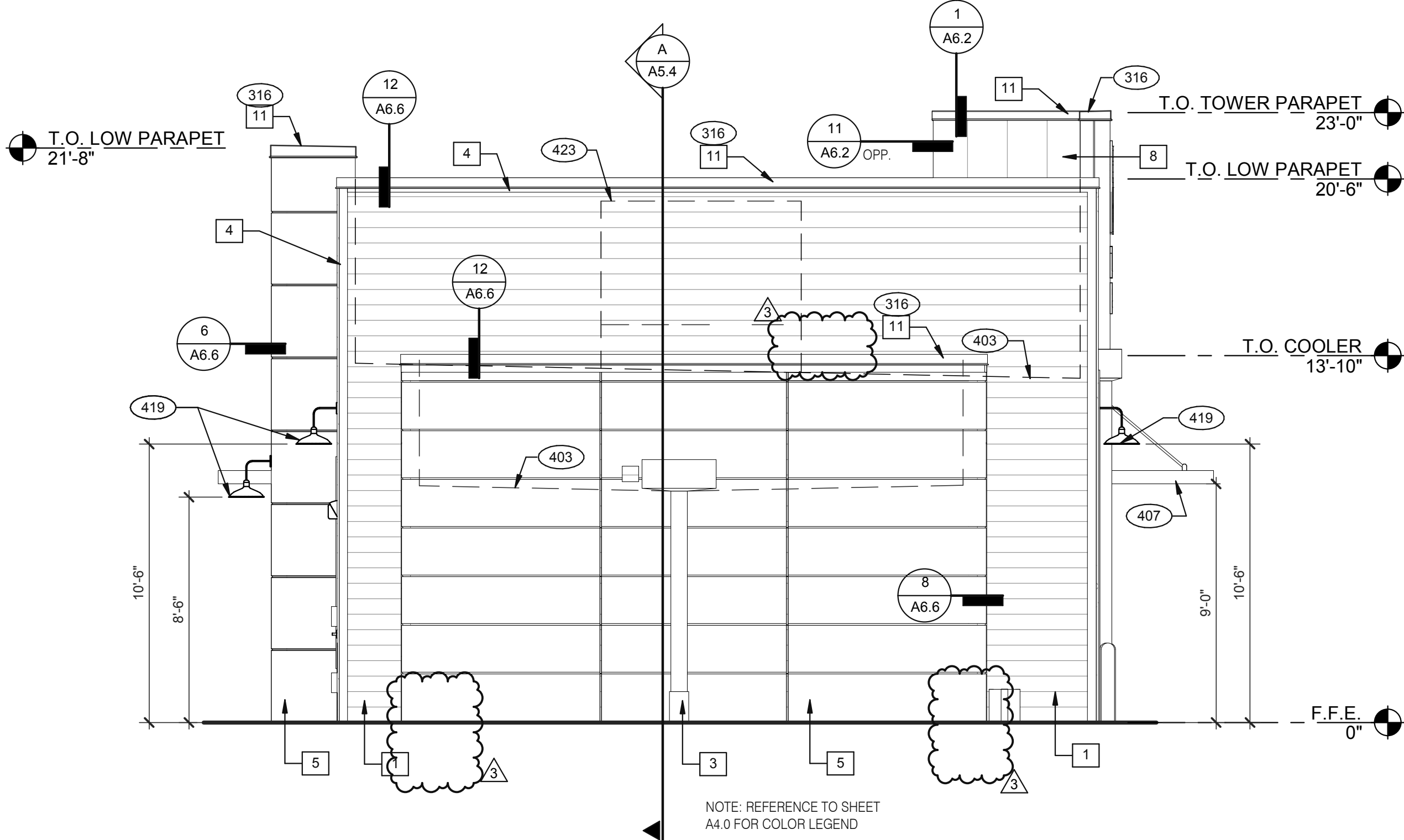


REAR ELEVATION 1/4" = 1'-0" 1

KEY NOTES A



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



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

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04.01.22	Issued for Bid

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2020088.24

TACO BELL

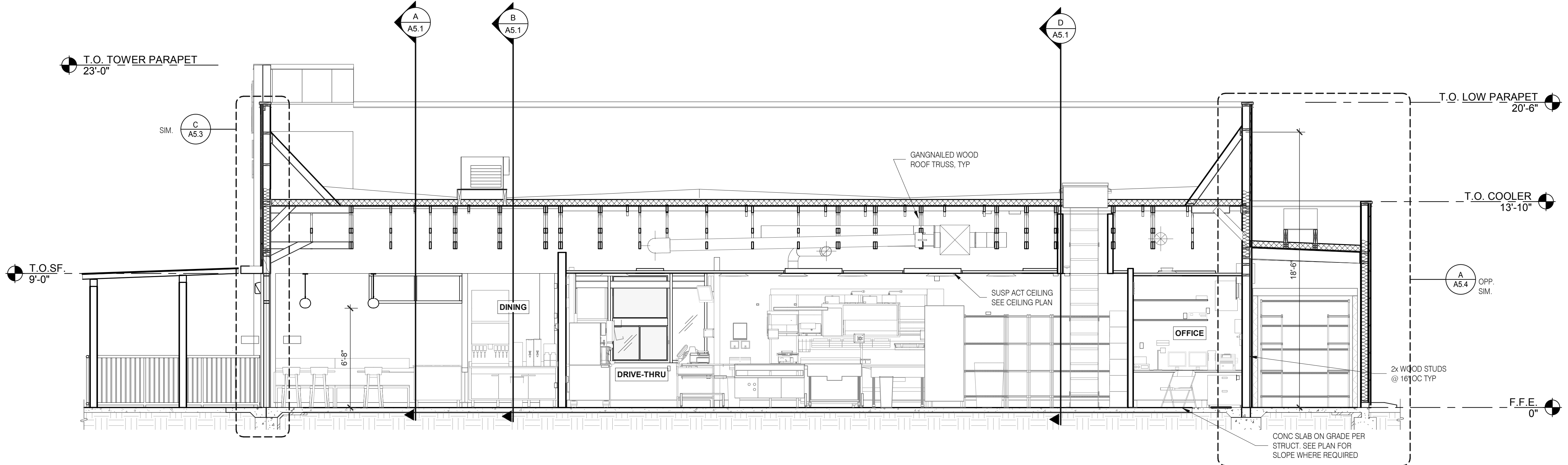
403 E. Main St.  
Cartersville, GA 30121



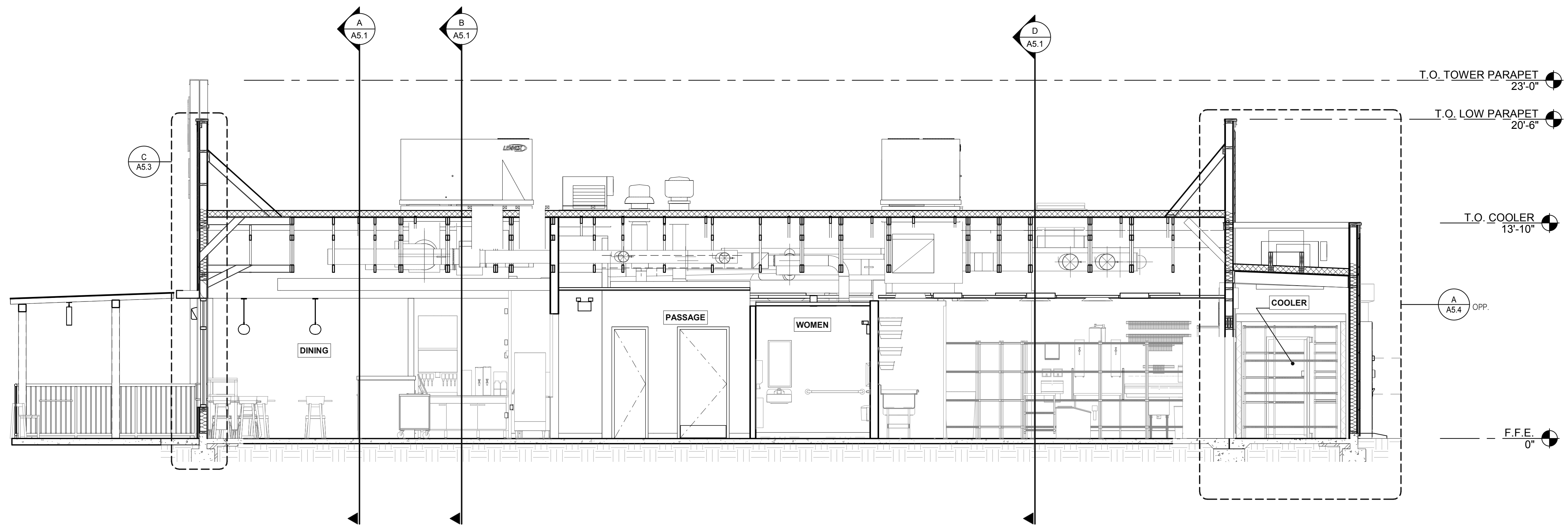
ENDEAVOR 2.0  
EXTERIOR  
ELEVATIONS

A4.1

PLOT DATE: 3/31/2022 11:05:03 AM



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



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

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STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

**TACO BELL**

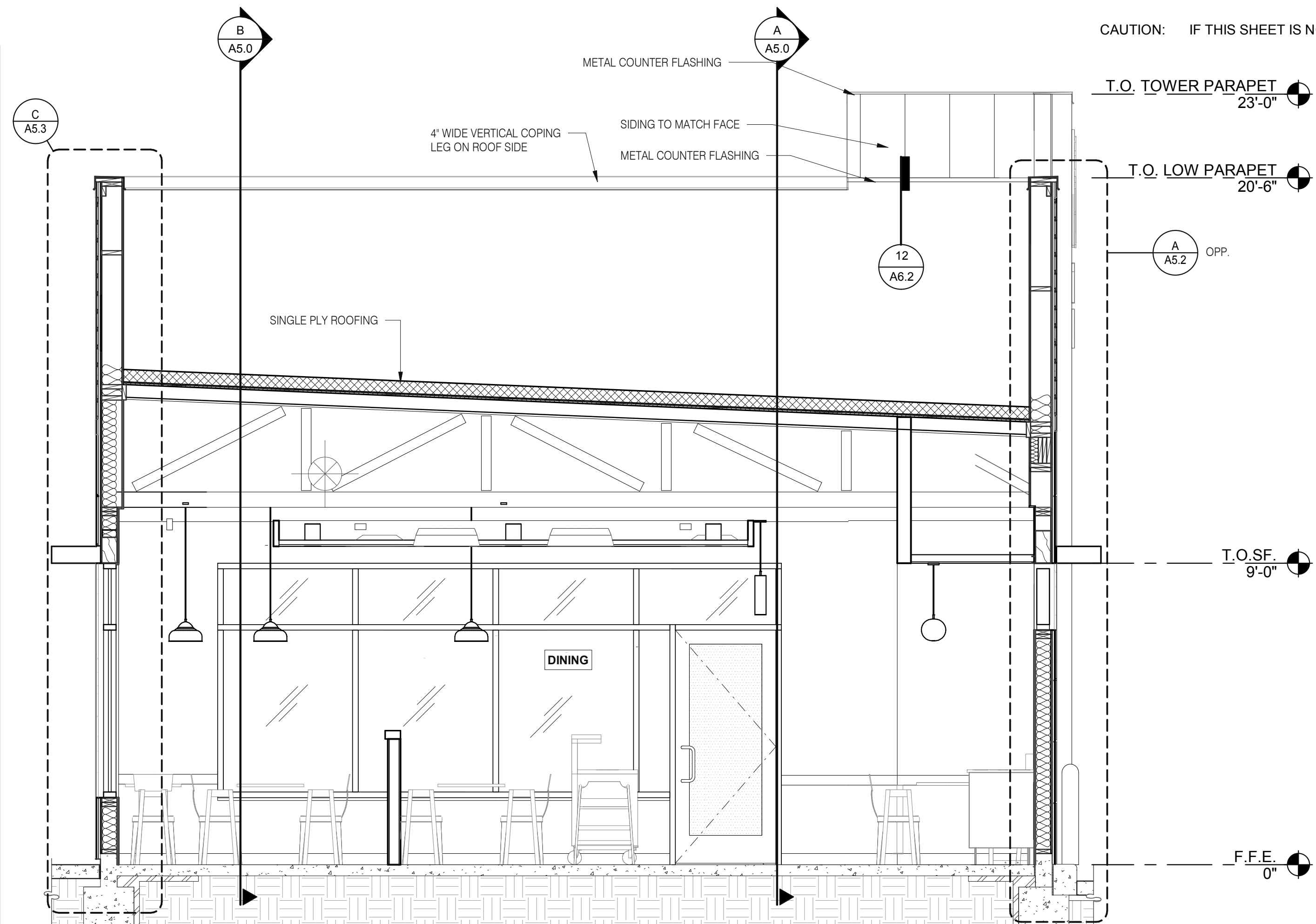
403 E. Main St.  
Cartersville, GA 30121



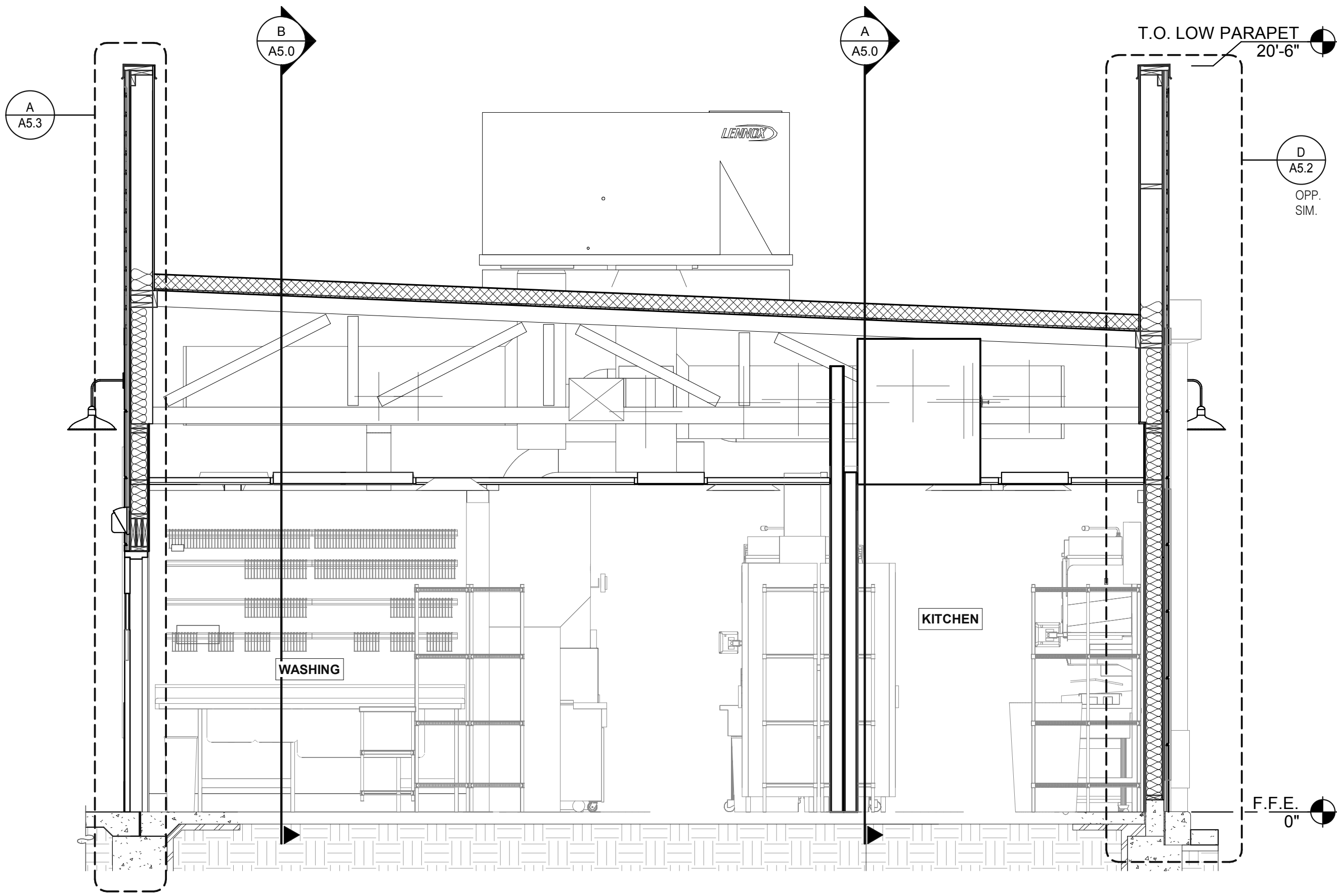
**ENDEAVOR 2.0  
BUILDING  
SECTIONS**

**A5.0**

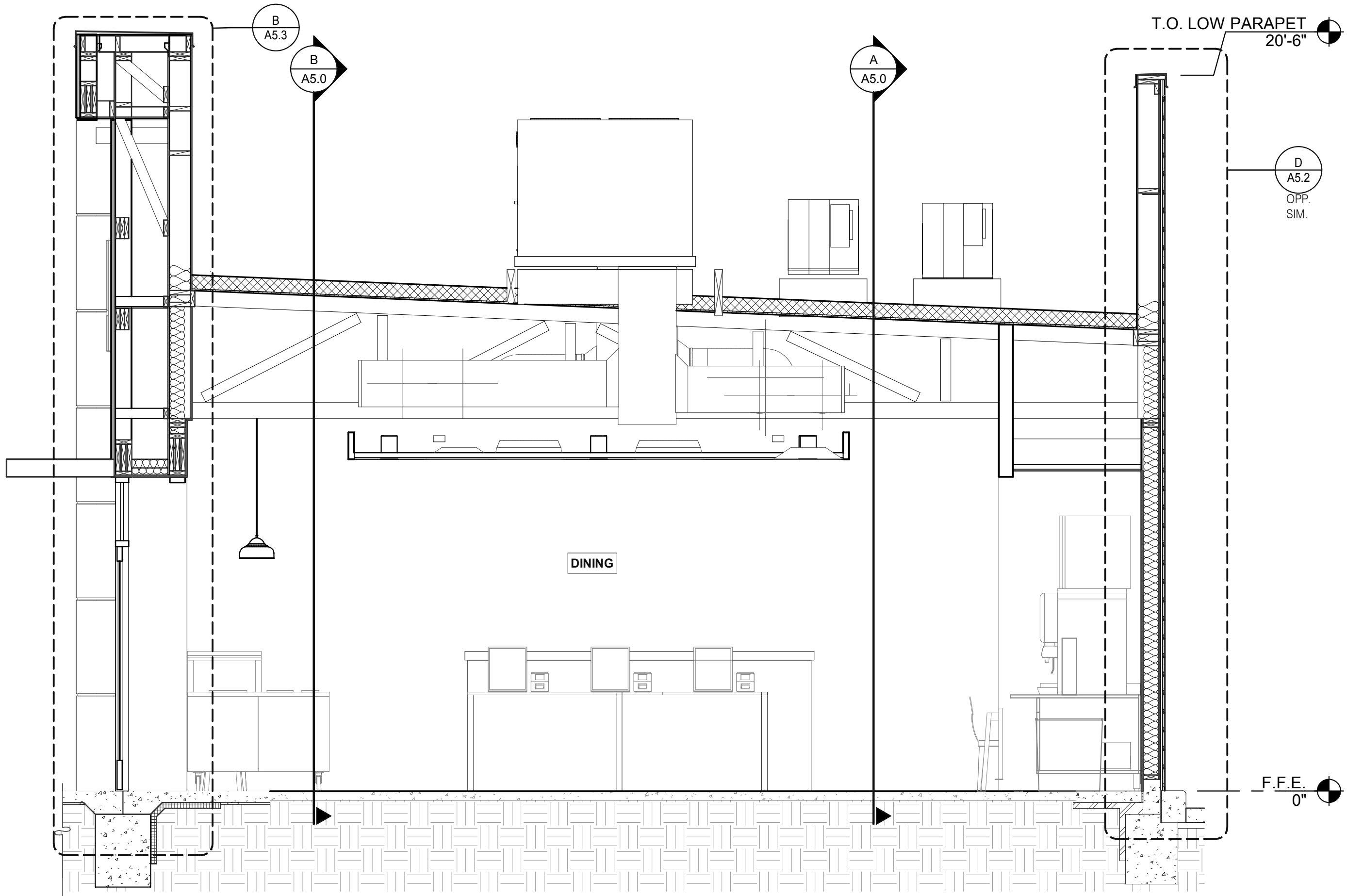
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LEFT TO RIGHT BUILDING SECTION 3/8" = 1'-0" A



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



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

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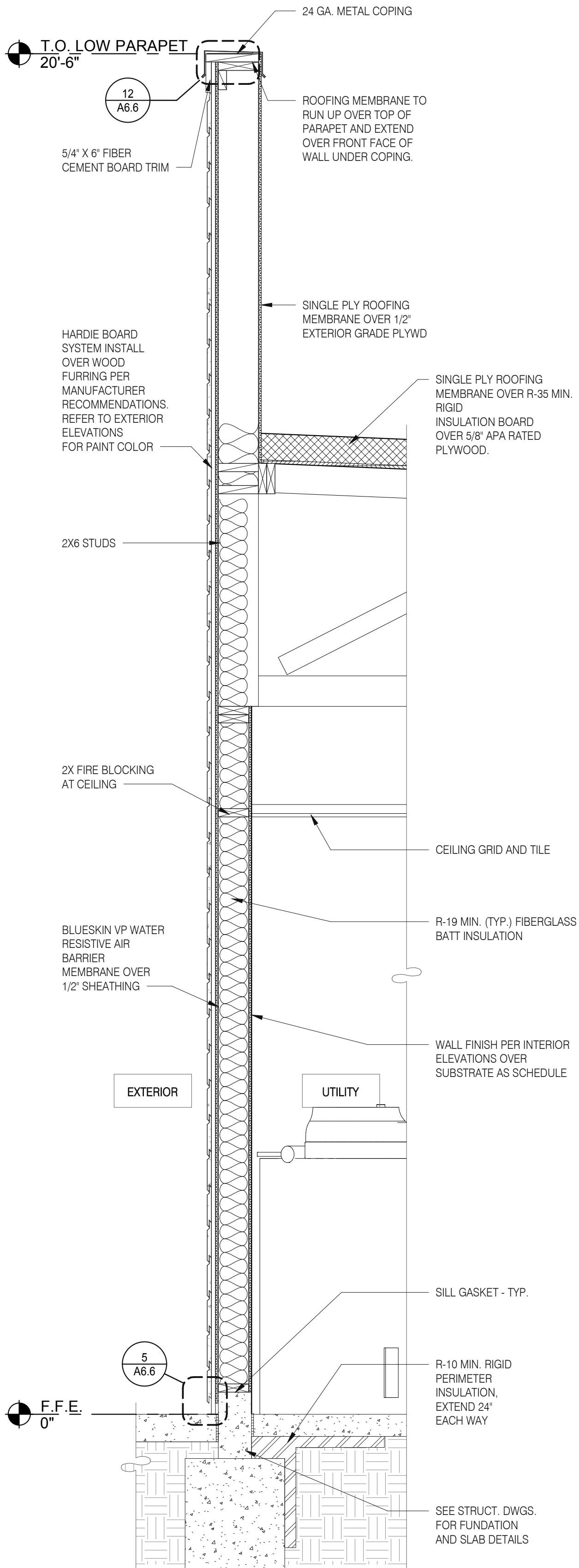
**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121

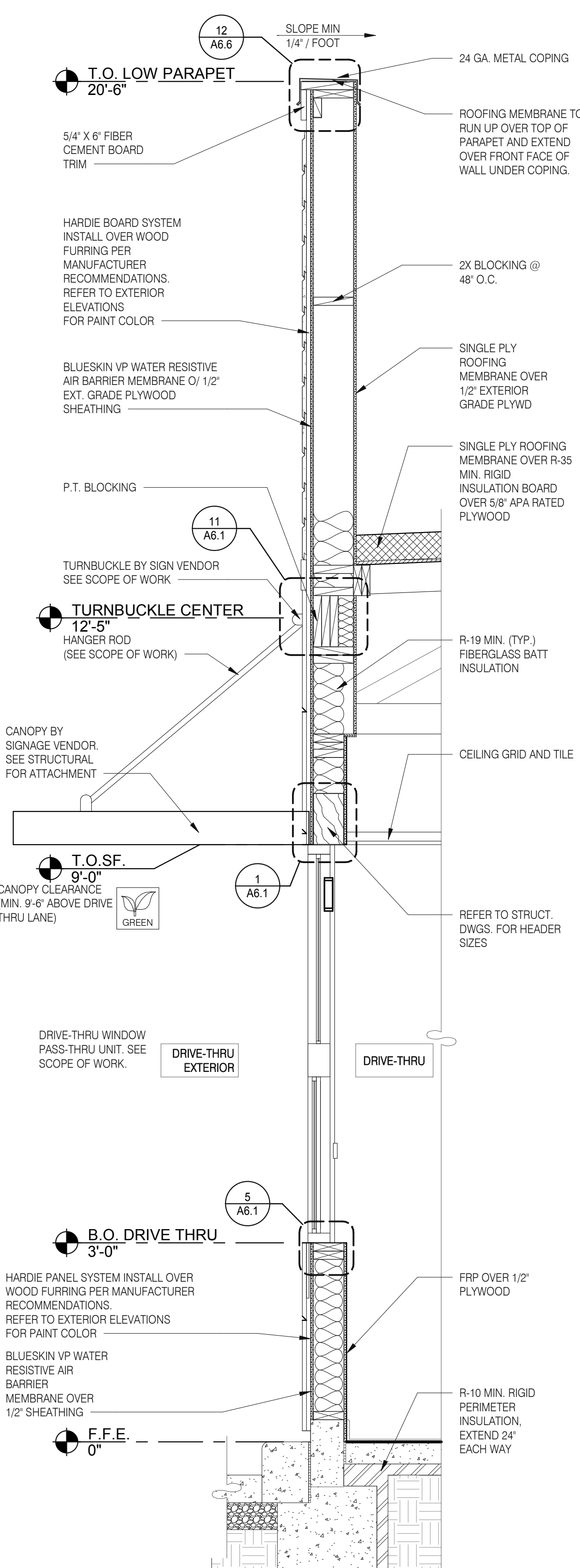


**ENDEAVOR 2.0  
BUILDING  
SECTIONS**

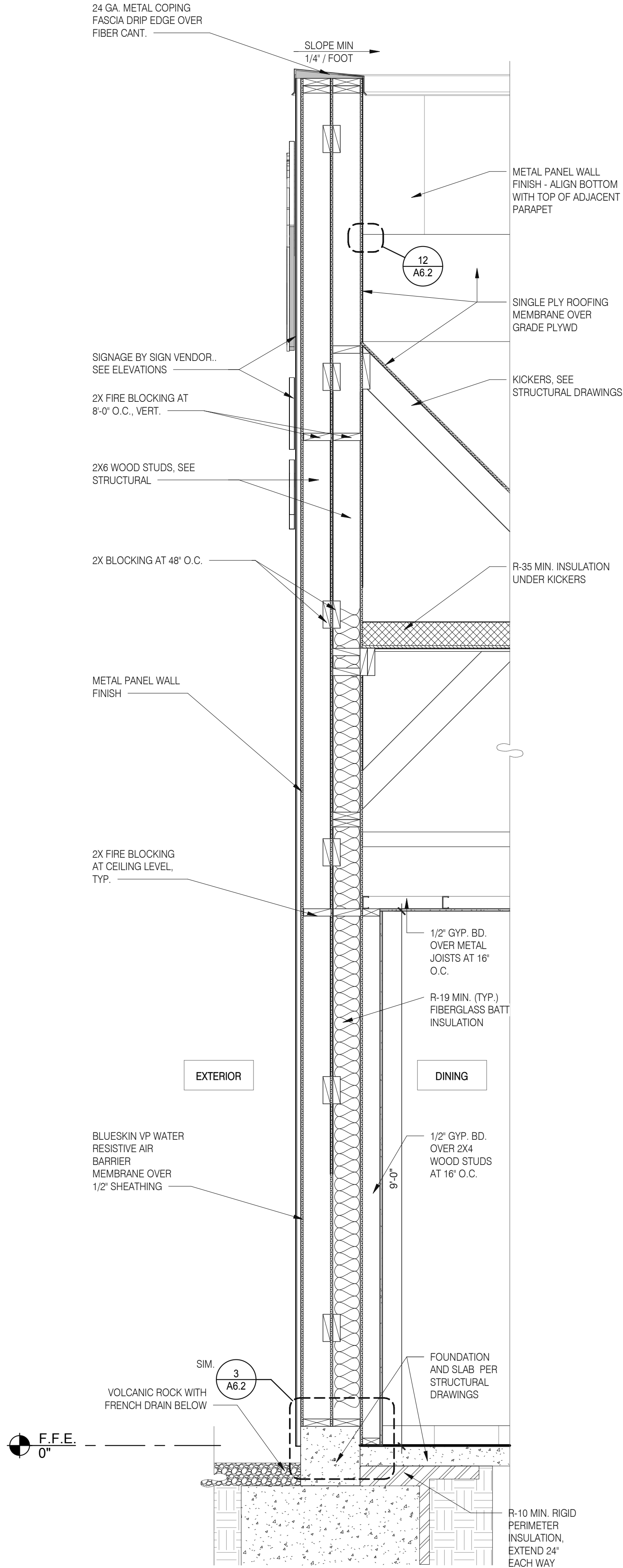
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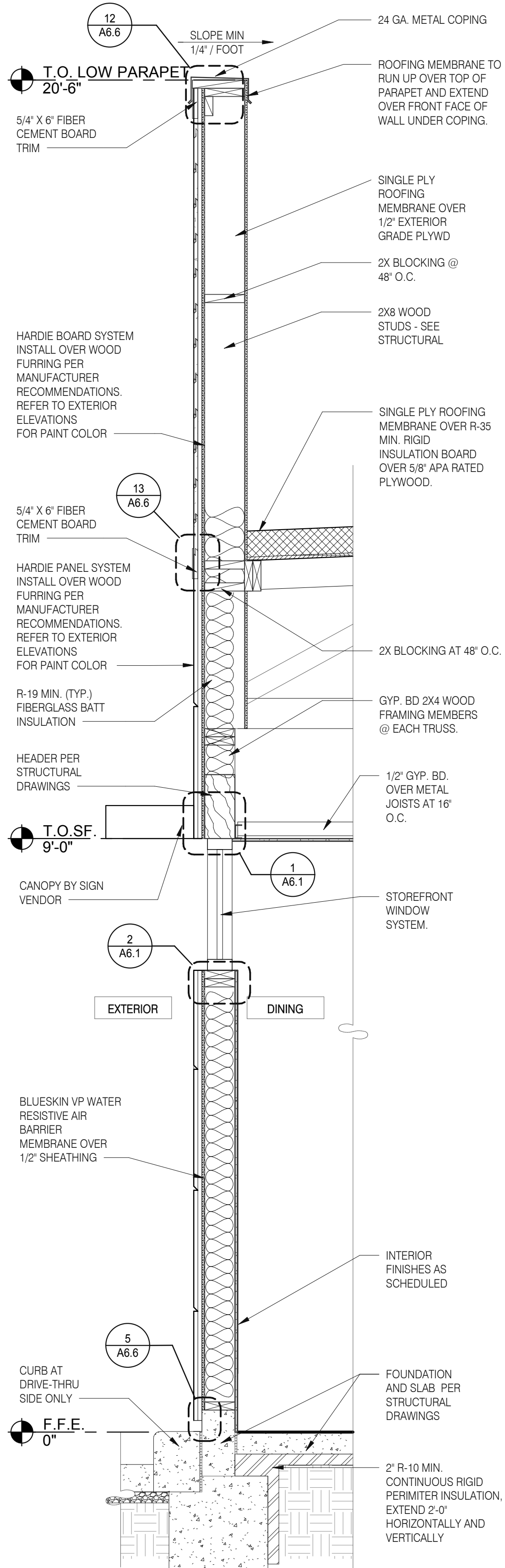
TYPICAL WALL SECTION 3/4" = 1'-0" D



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



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



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

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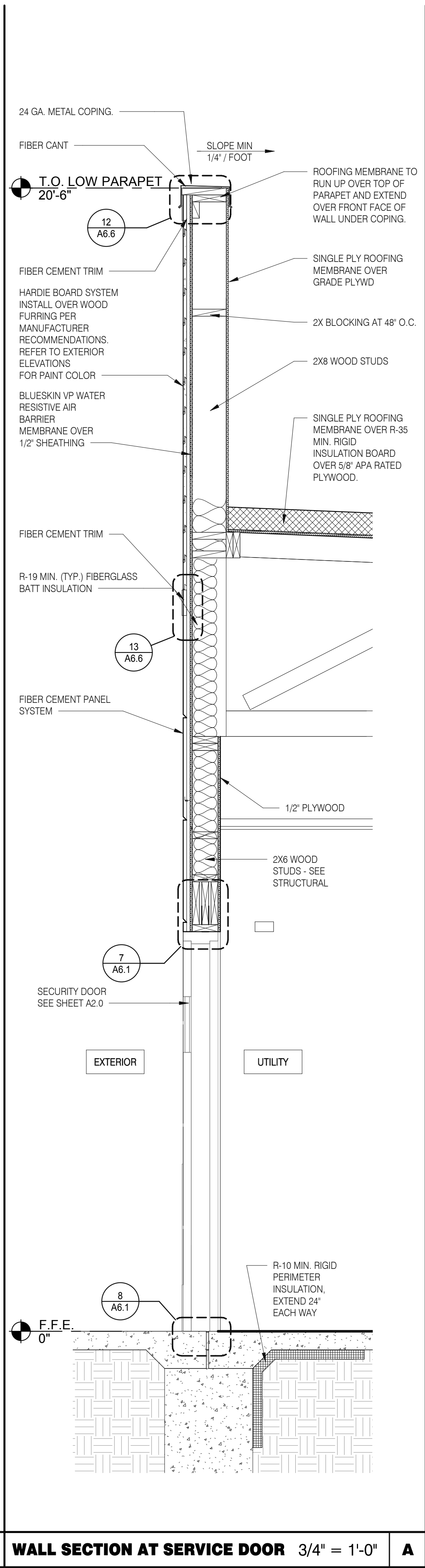
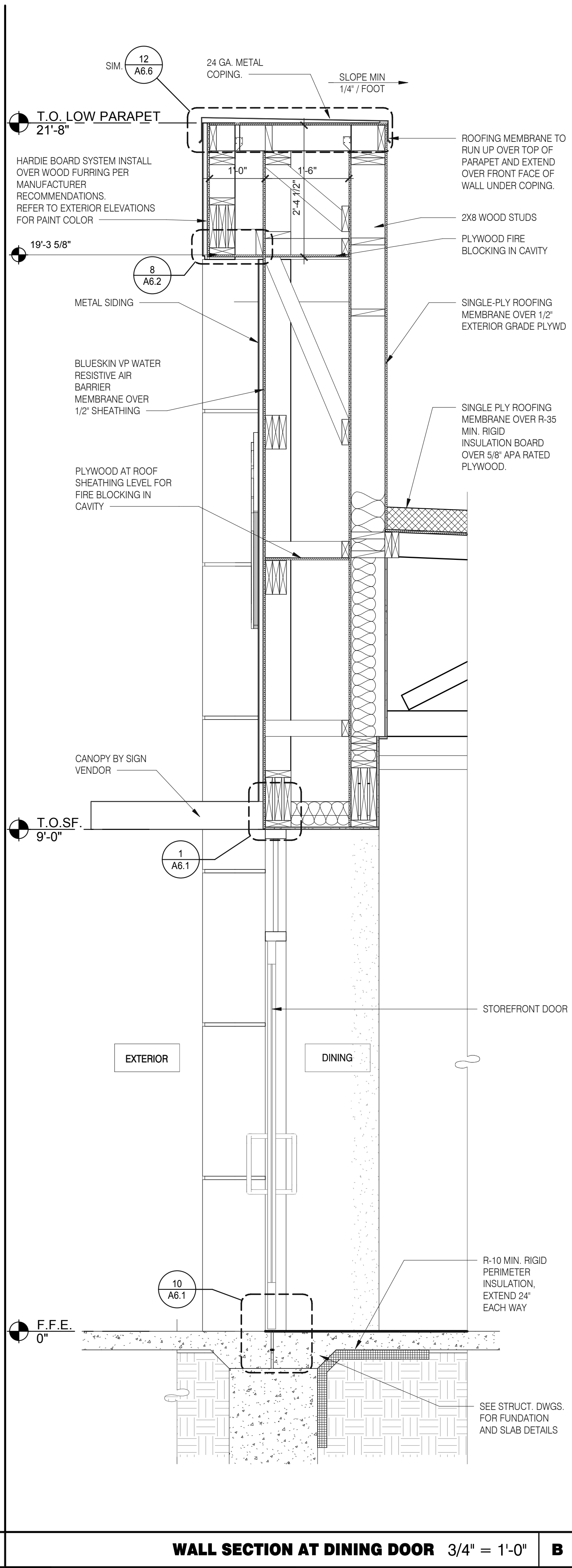
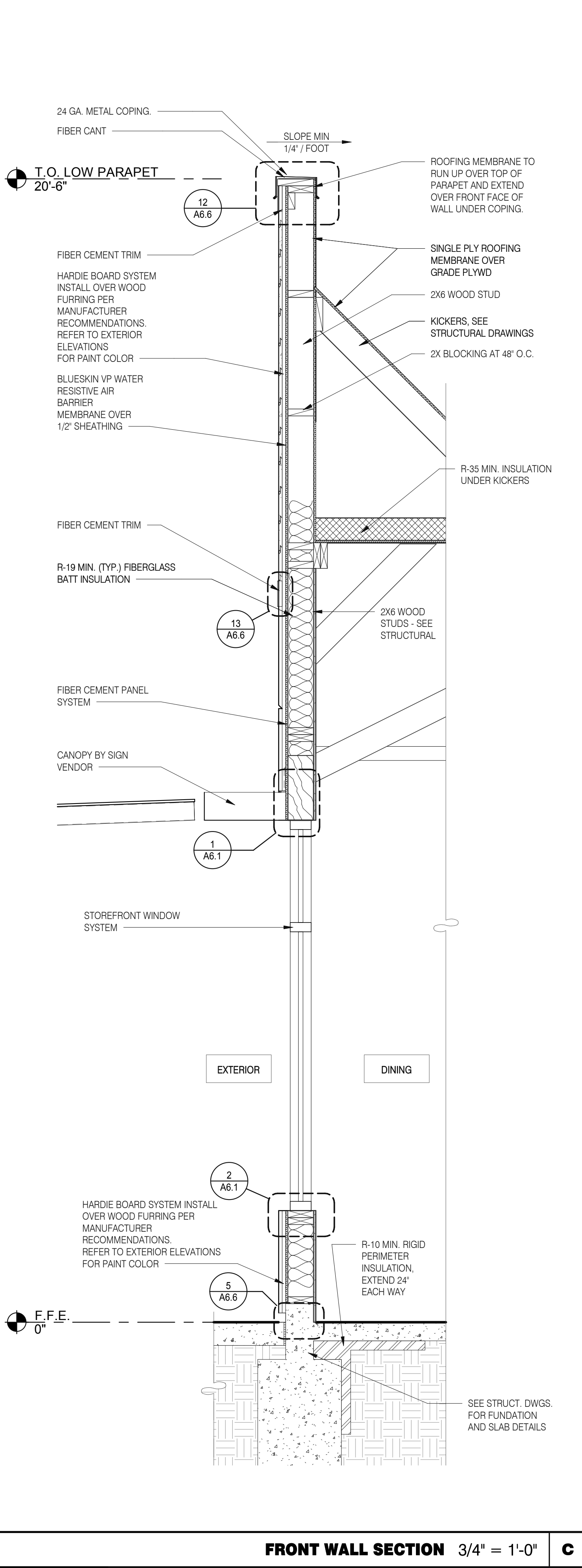
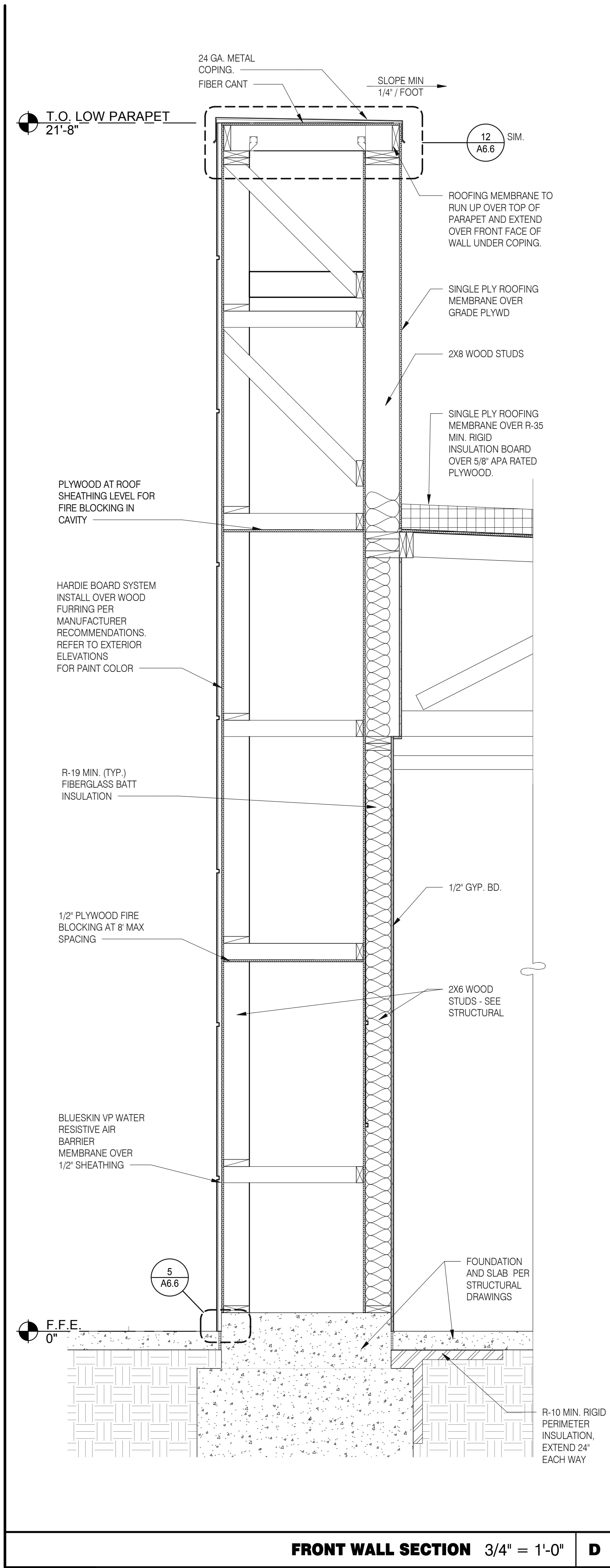
TACO BELL

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Cartersville, GA 30121



ENDEAVOR 2.0  
WALL  
SECTIONS

A5.2



DATE	REMARKS
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**TACO BELL**

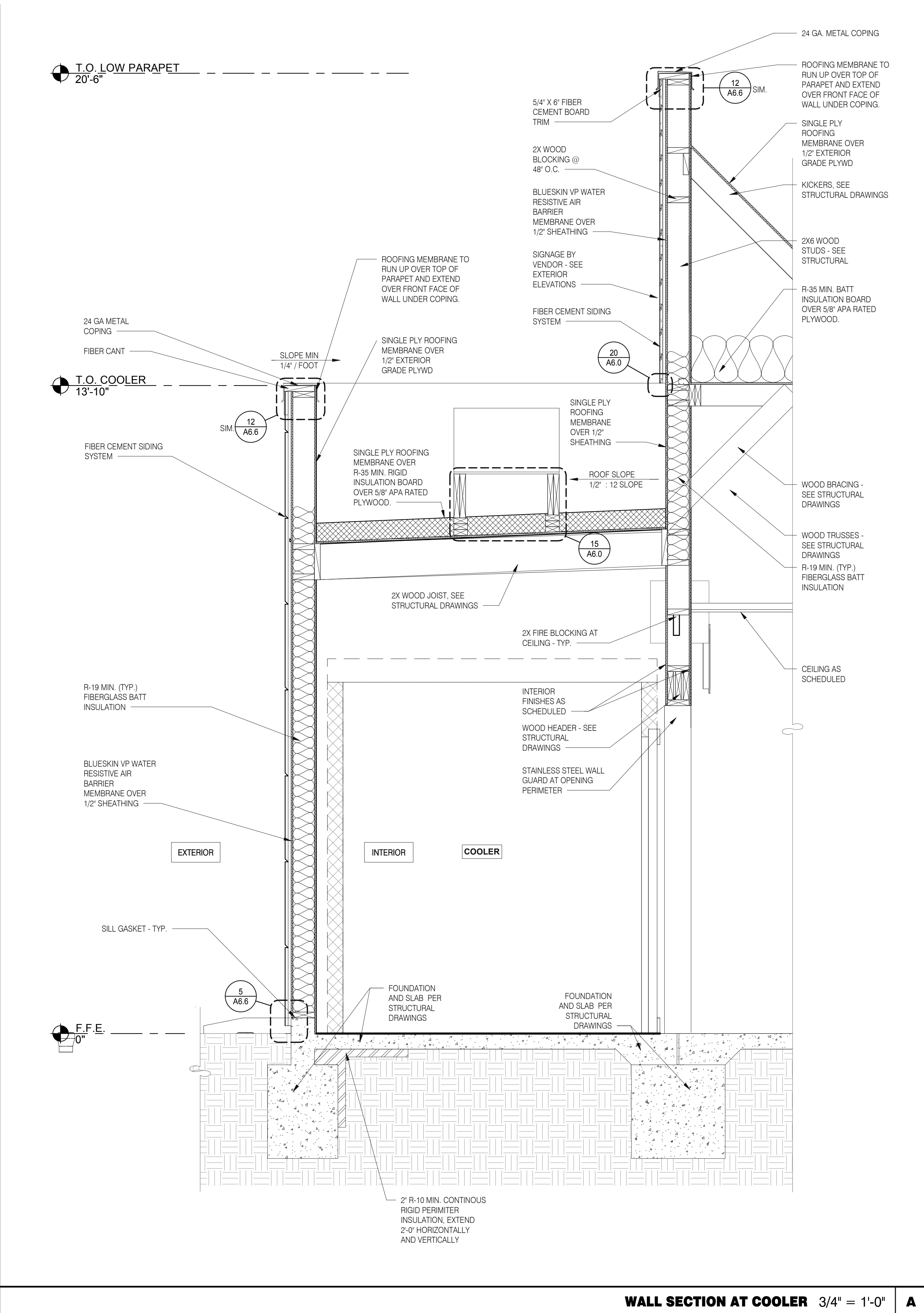
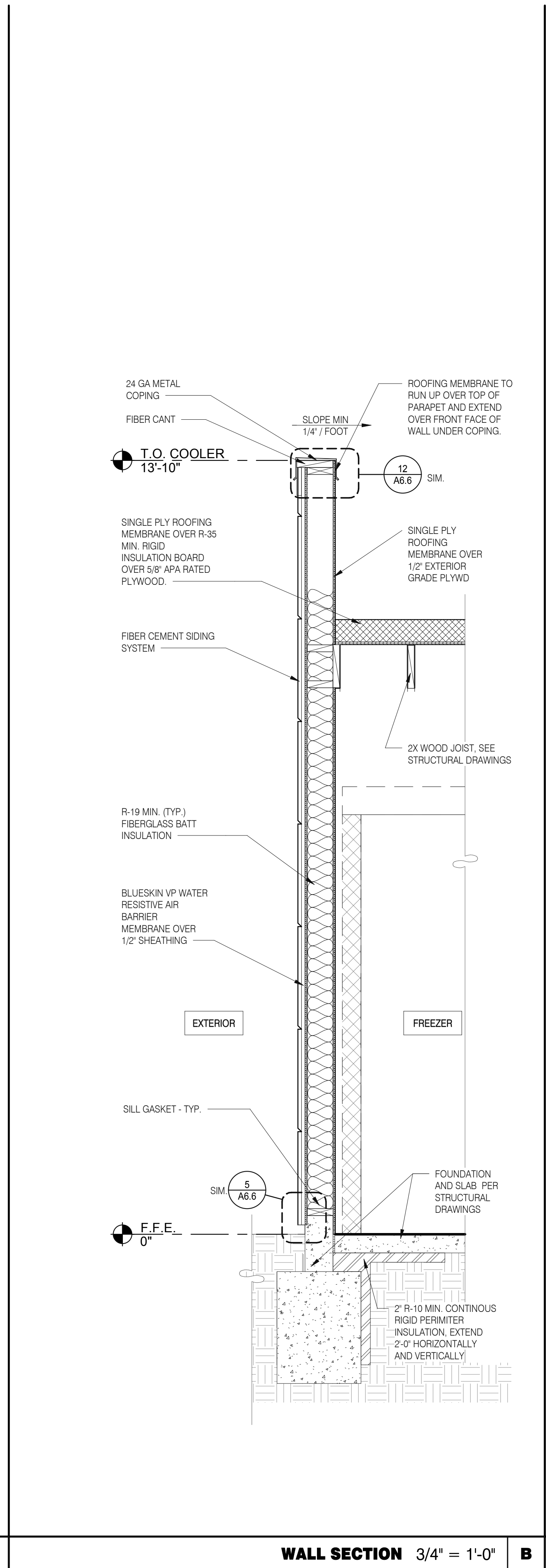
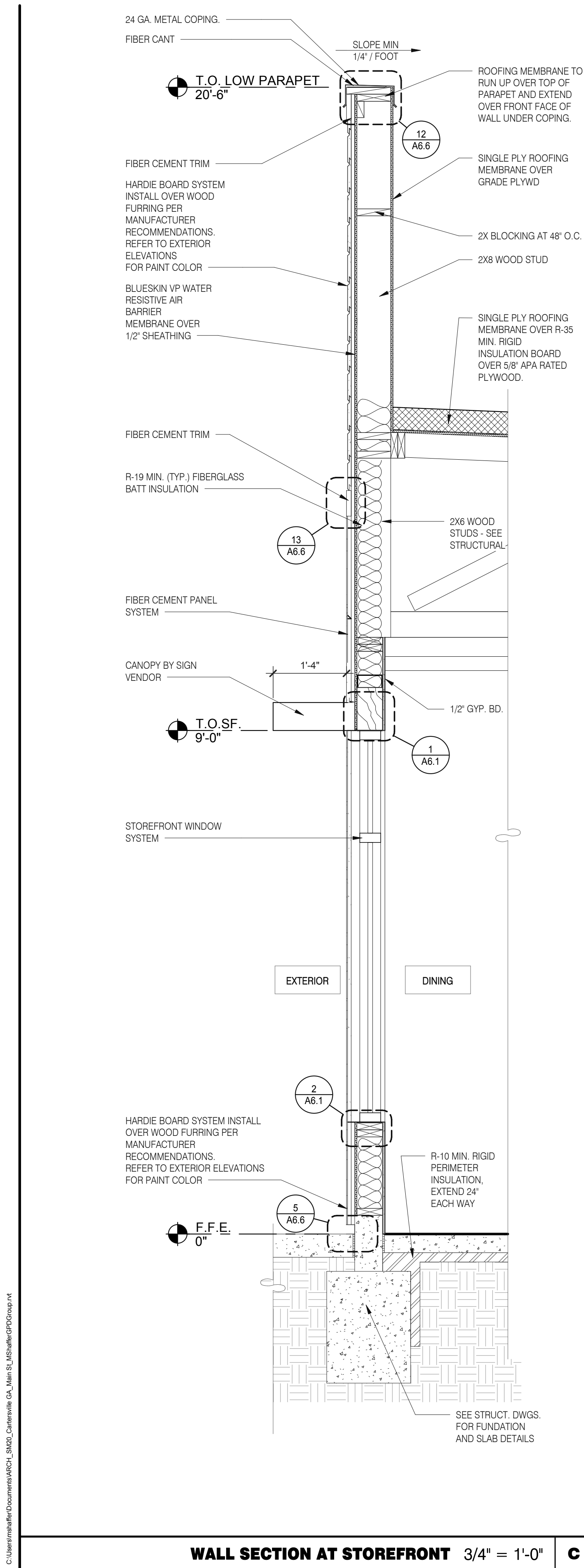
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
WALL  
SECTIONS**

**A5.3**

PLOT DATE: 3/31/2022 11:06:01 AM



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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088-24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



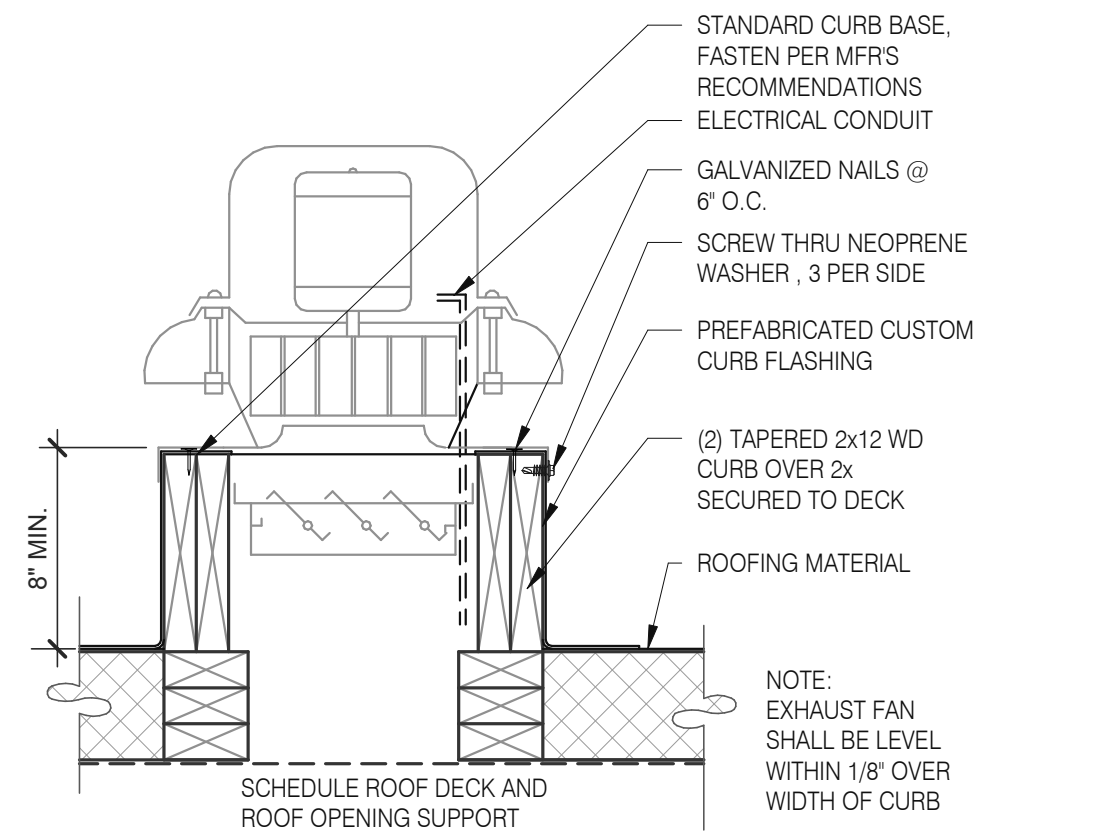
ENDEAVOR 2.0  
WALL  
SECTIONS

A5.4

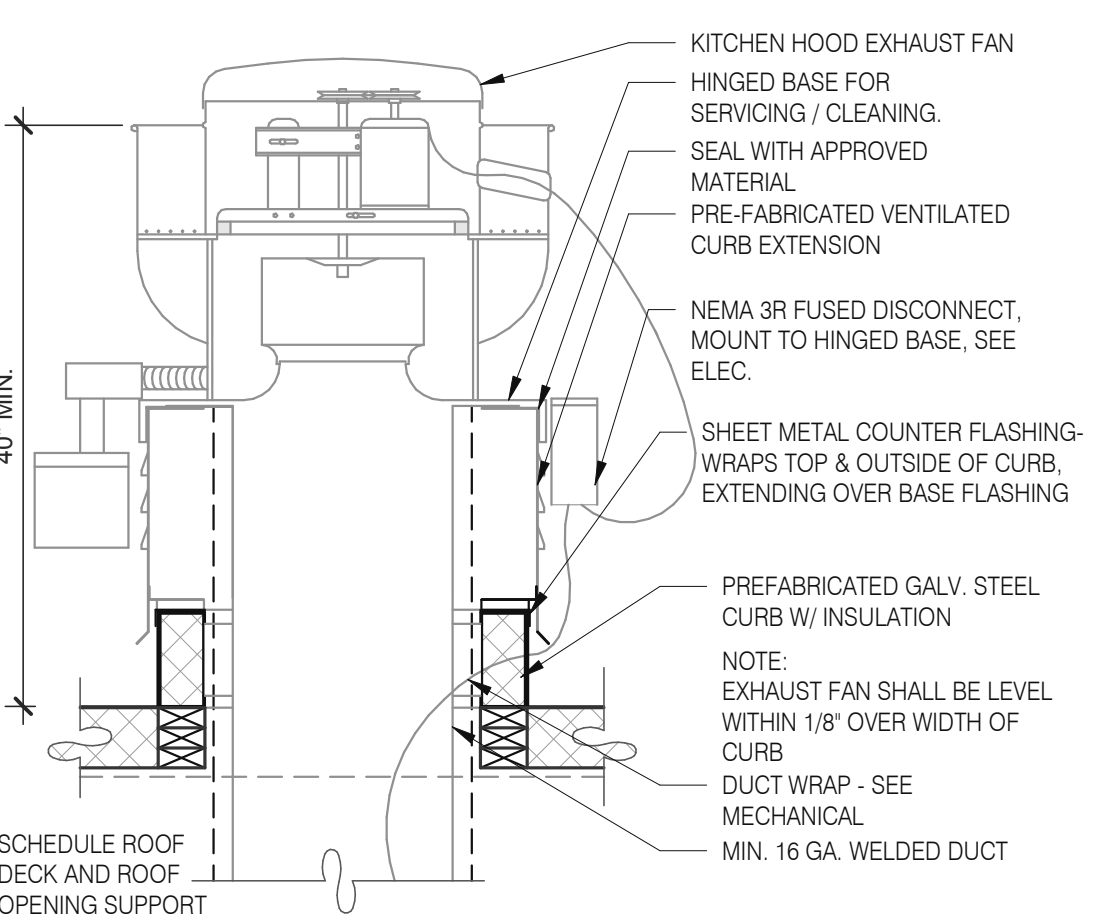
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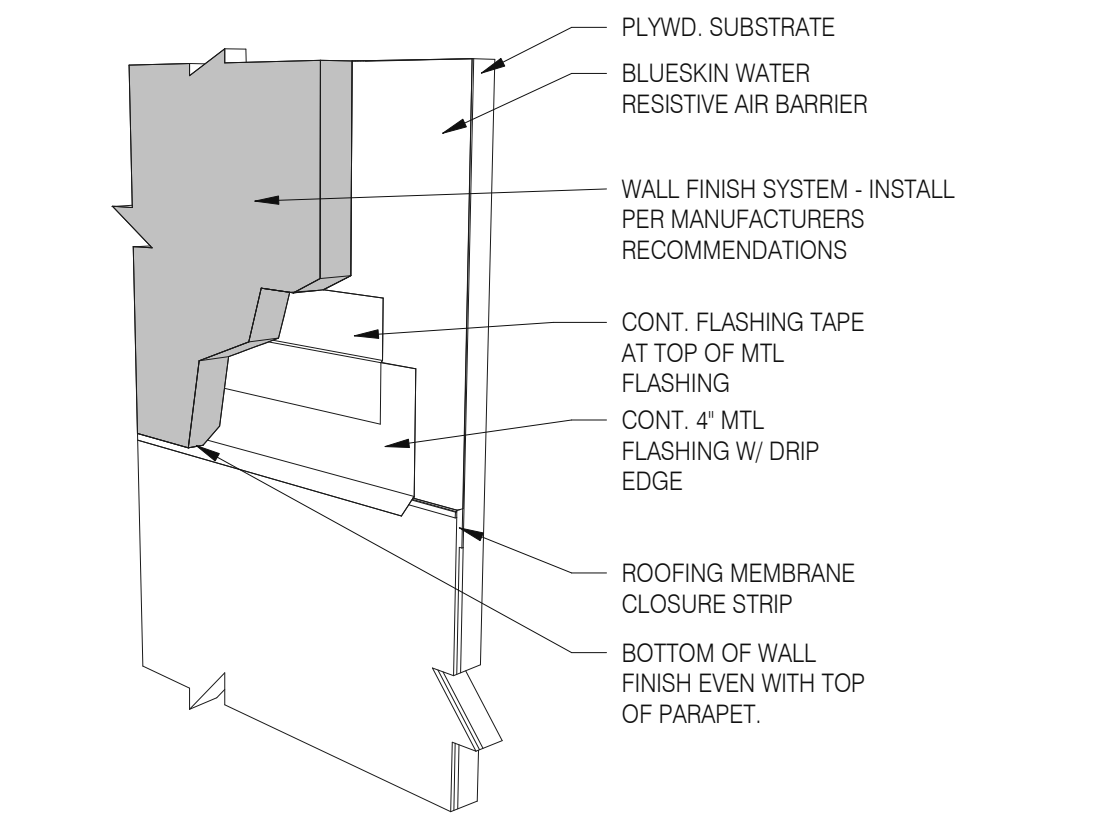
**W.H. FLU / INTAKEN PIPE SUPPORT** 3" = 1'-0" **13**



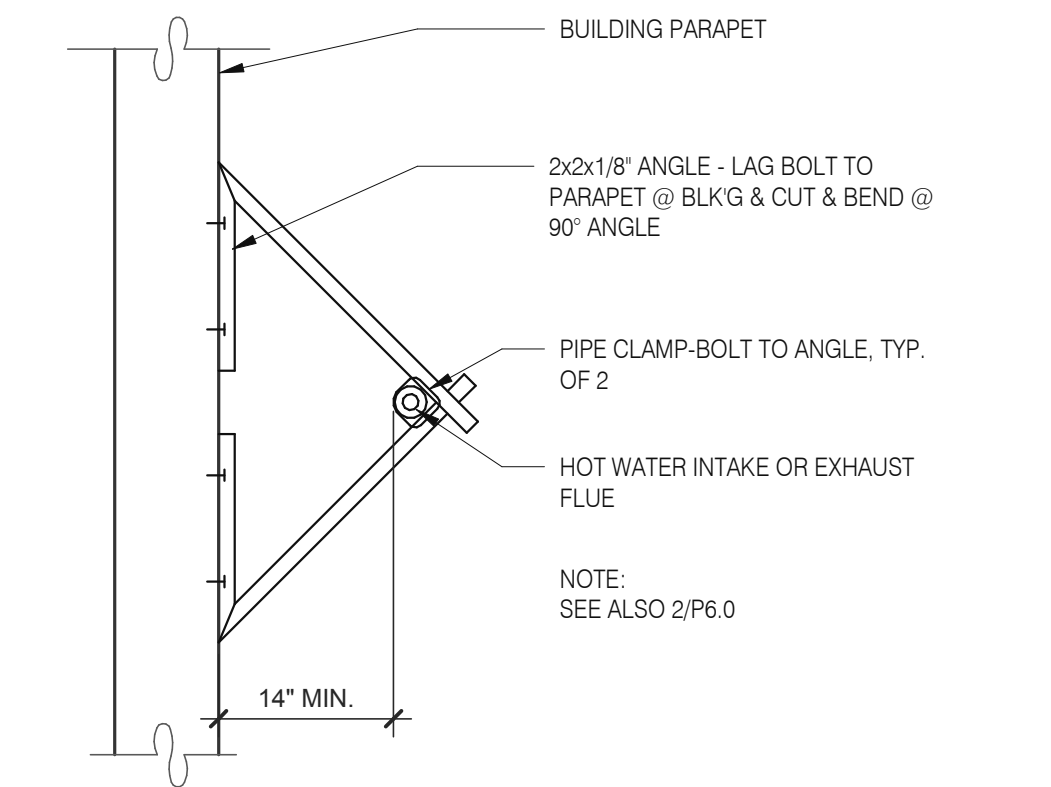
**EXHAUST FAN CURB** 3" = 1'-0" **18**



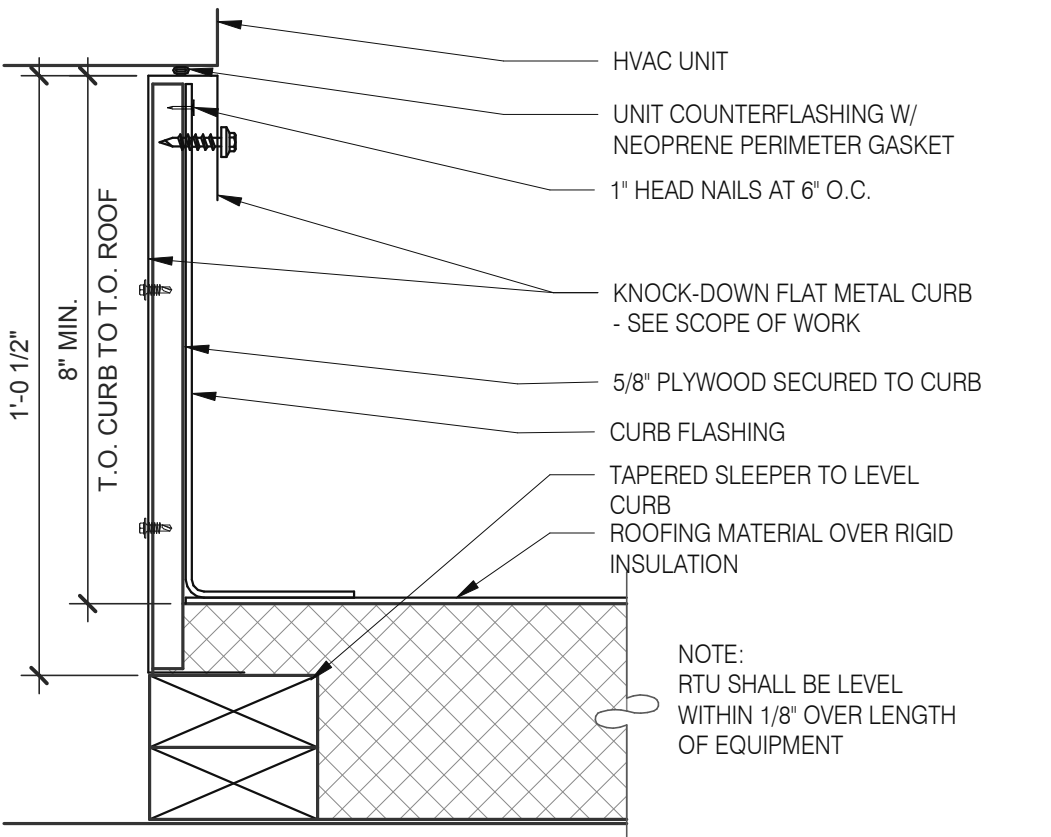
**EXHAUST FAN CURB** 3" = 1'-0" **19**



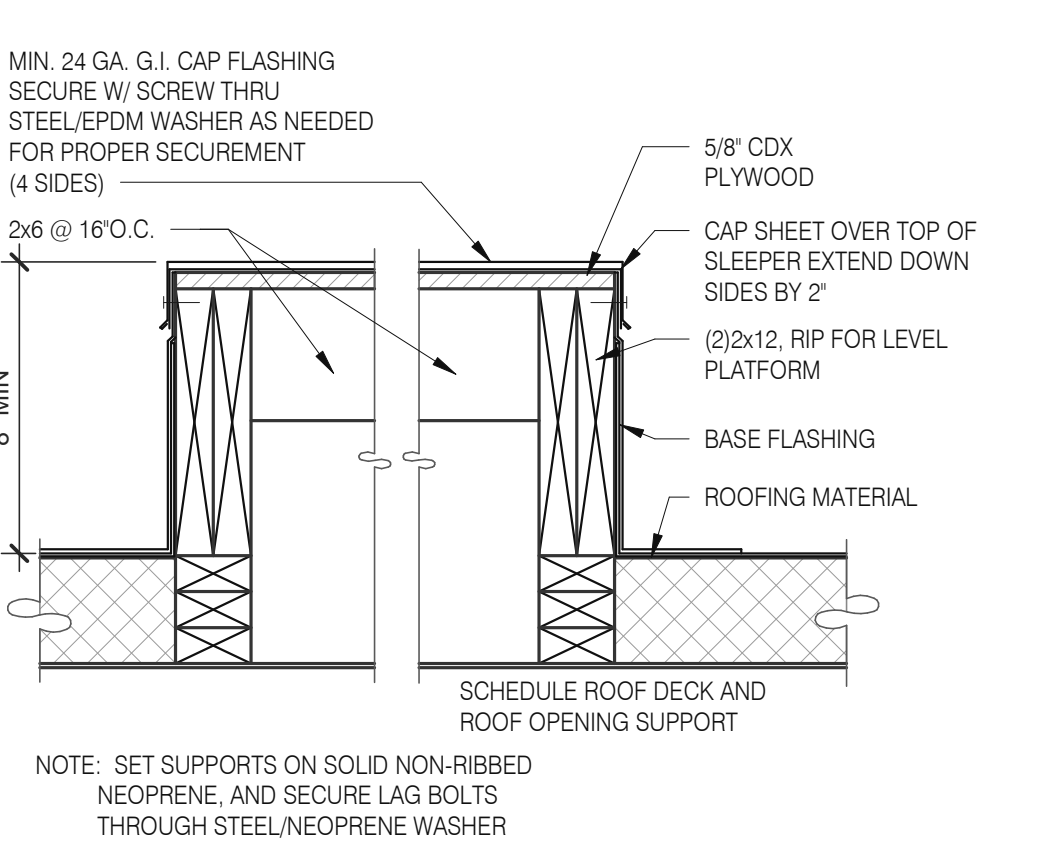
**WALL FINISH TO BASE FLASHING** 3" = 1'-0" **20**



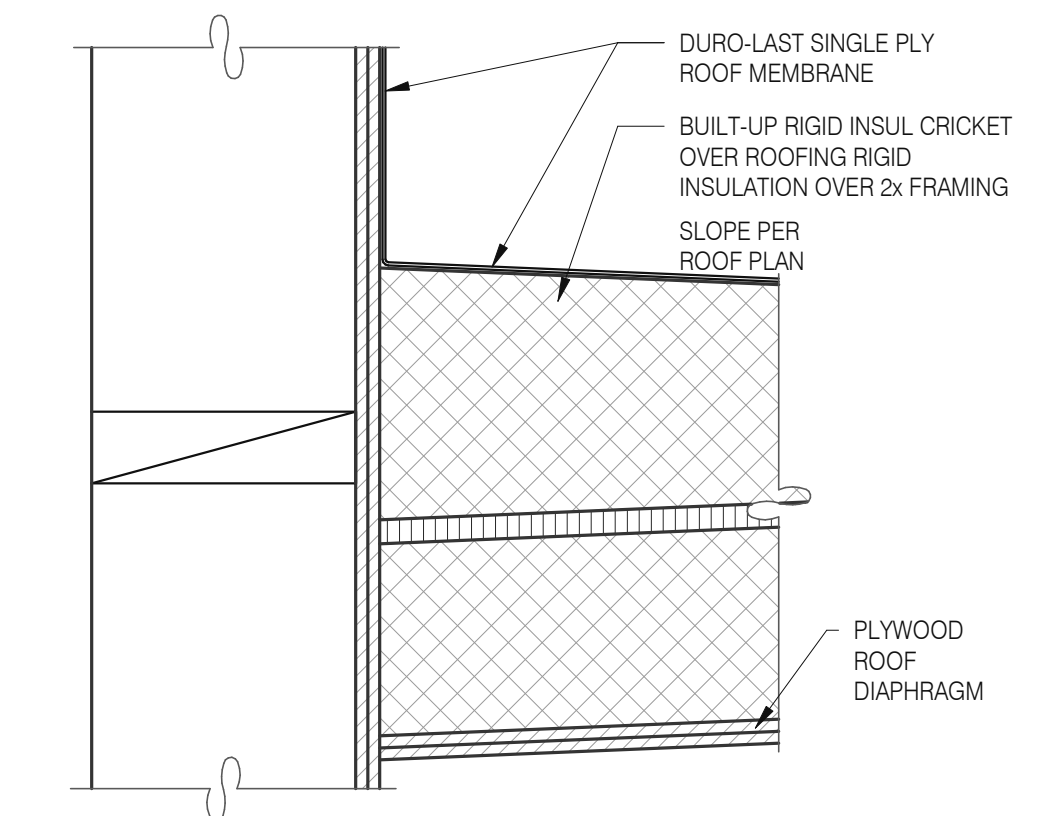
**W.H. FLU / INTAKEN PIPE SUPPORT** 3" = 1'-0" **13**



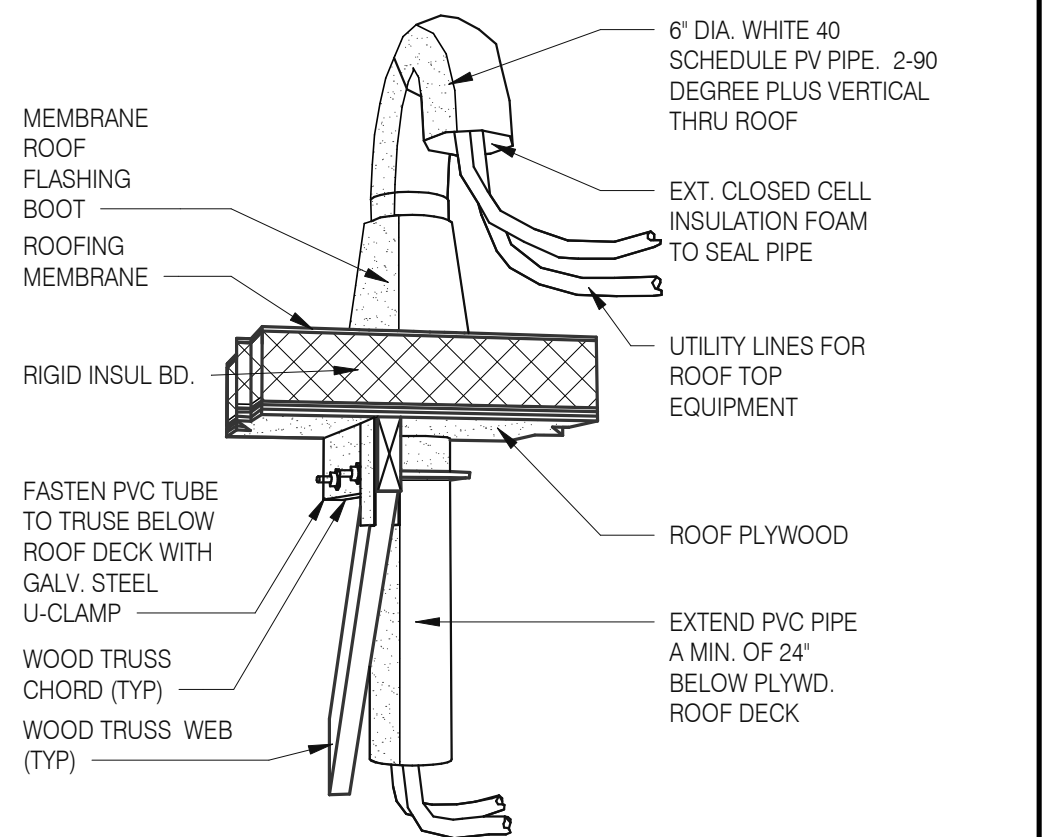
**HVAC CURB** 3" = 1'-0" **14**



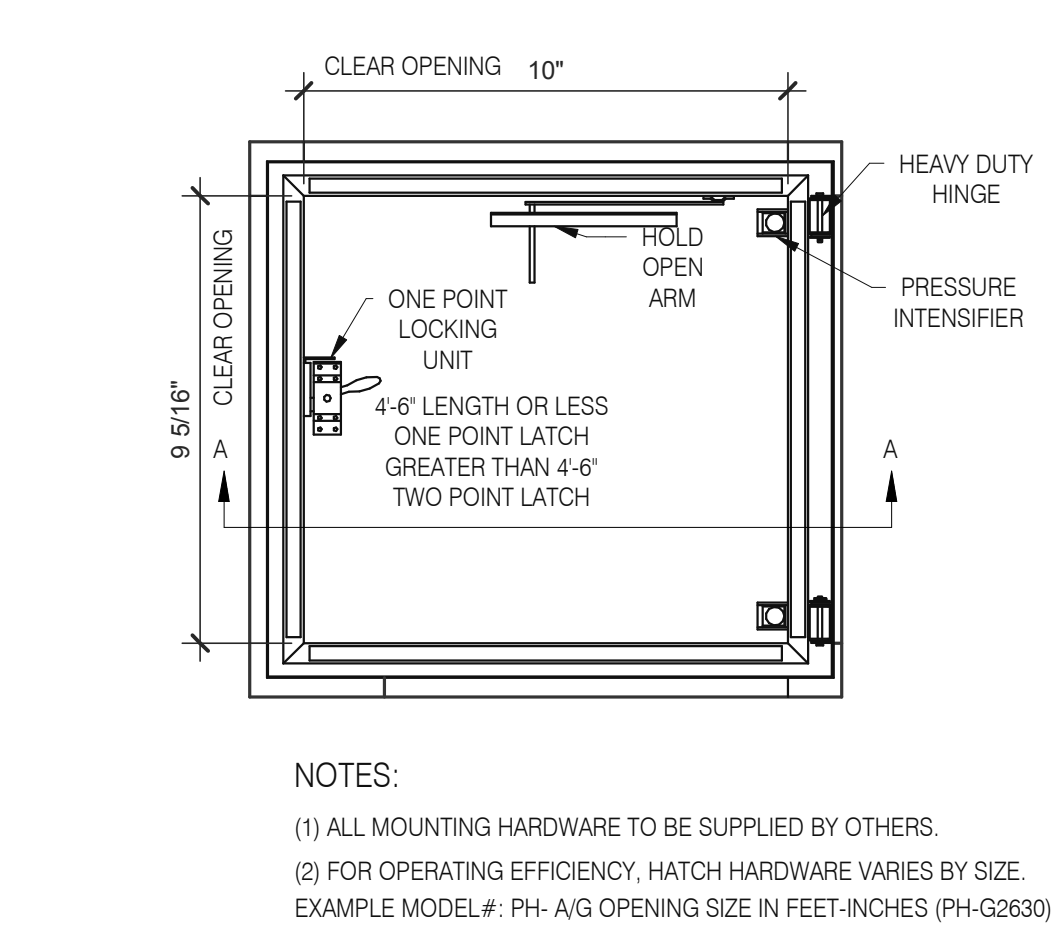
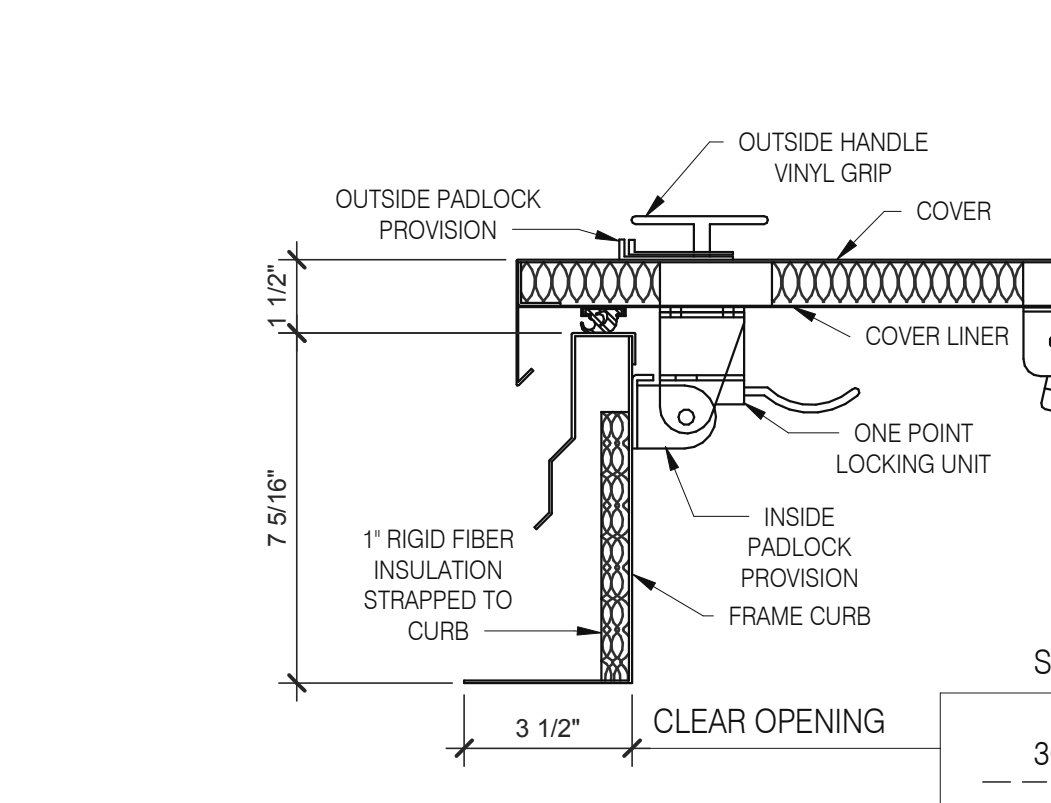
**EQUIPMENT PLATFORM SUPPORT** 3" = 1'-0" **15**



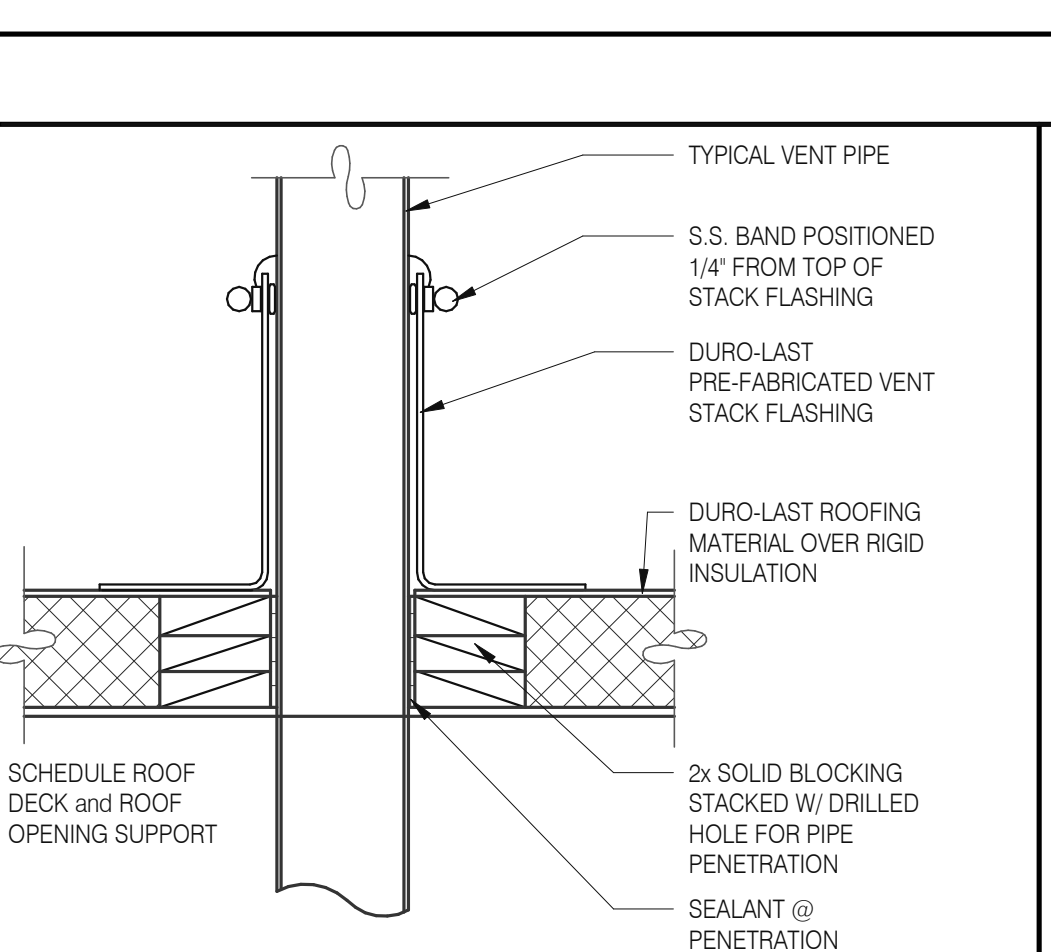
**CRICKET** 3" = 1'-0" **16**



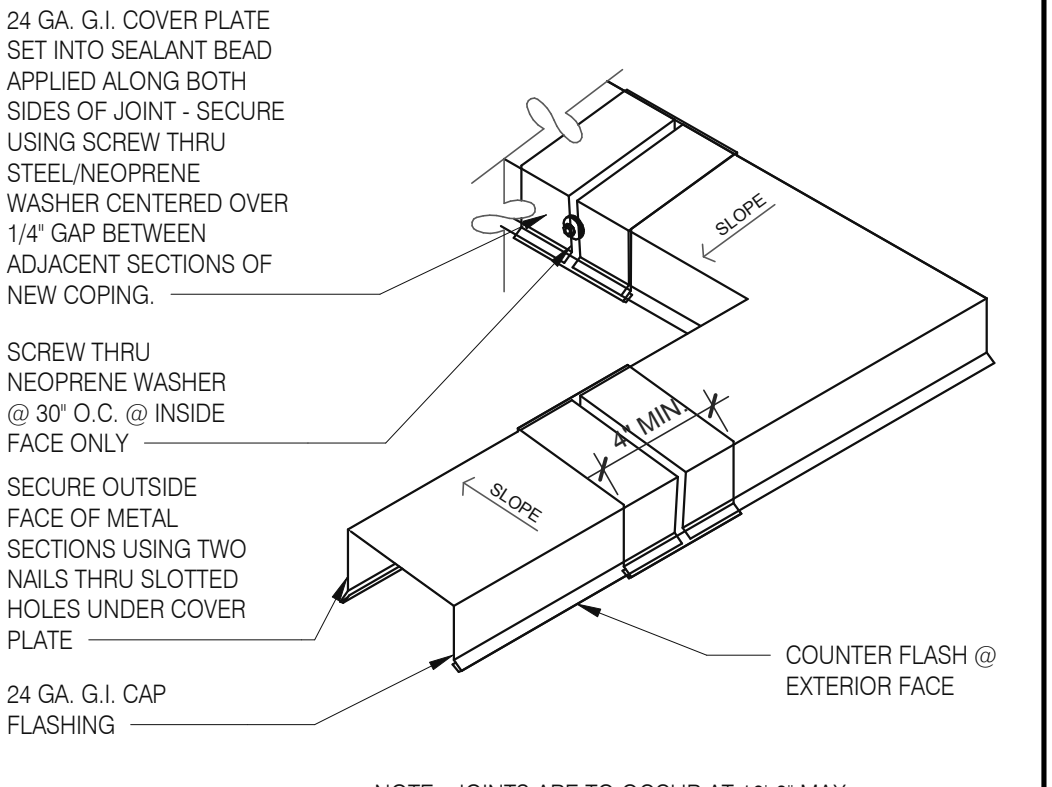
**PIPE HOOD** N.T.S. **9**



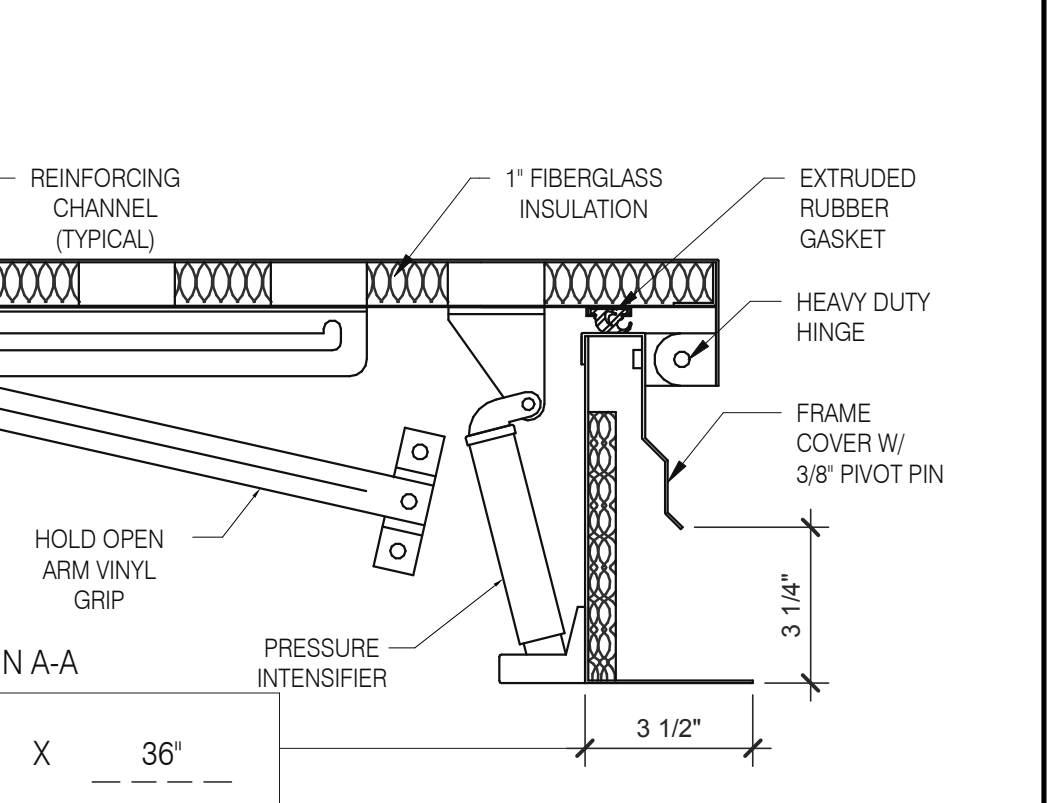
**SEALING PIPE FLASHING** 3" = 1'-0" **12**



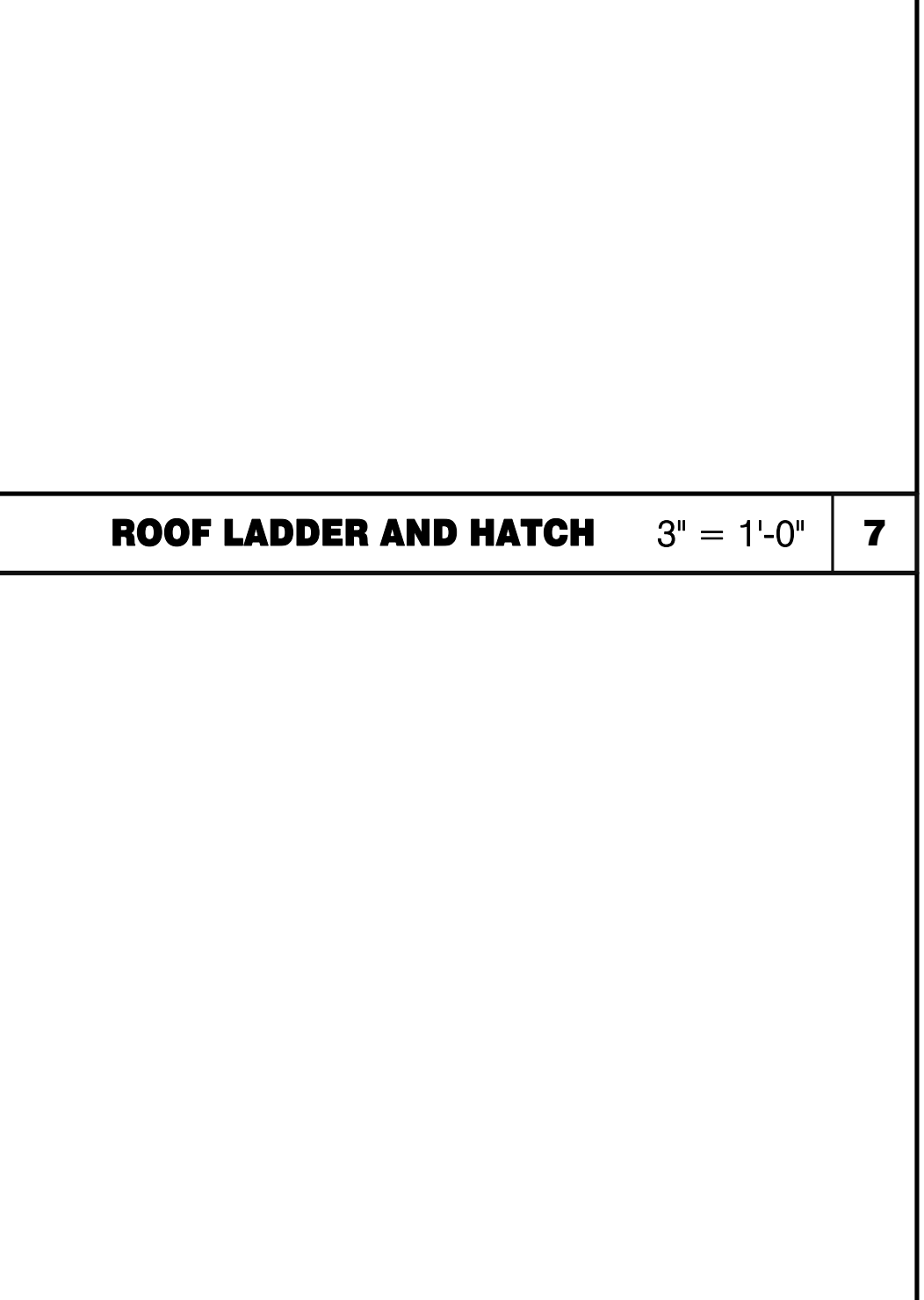
**SEALED PIPE FLASHING** 3" = 1'-0" **12**



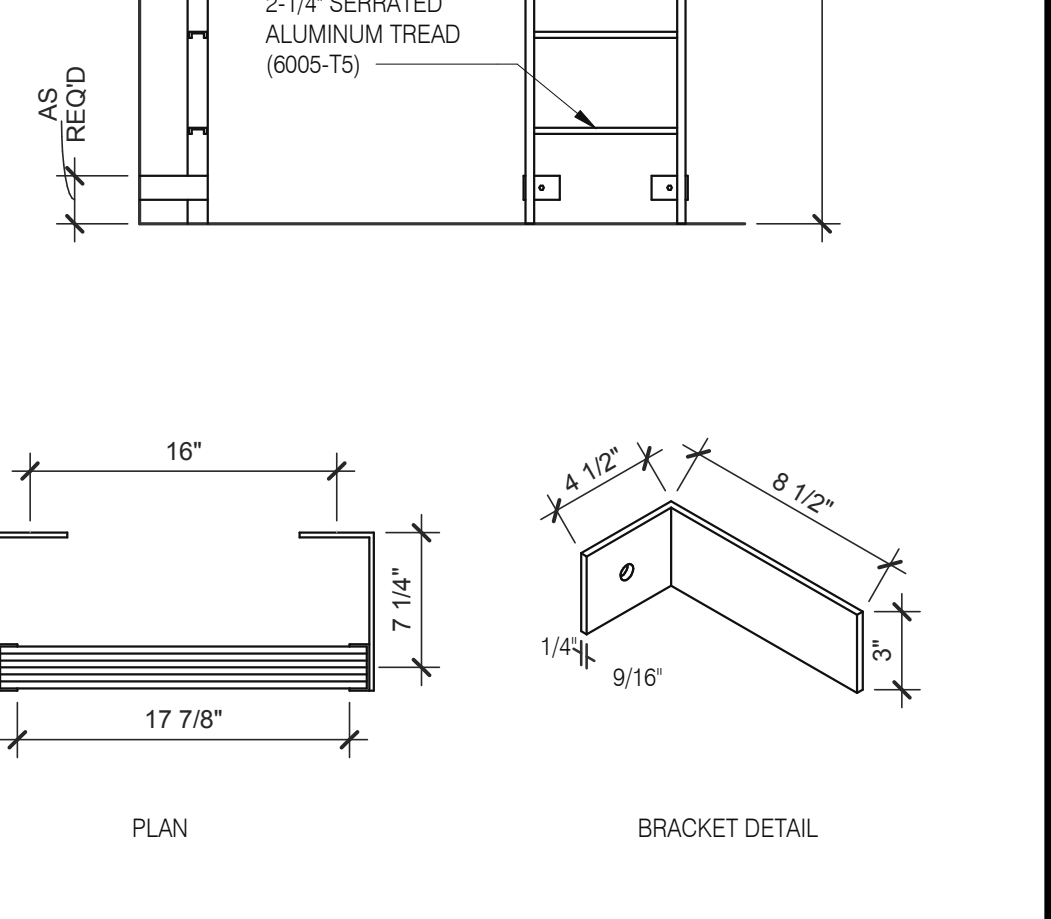
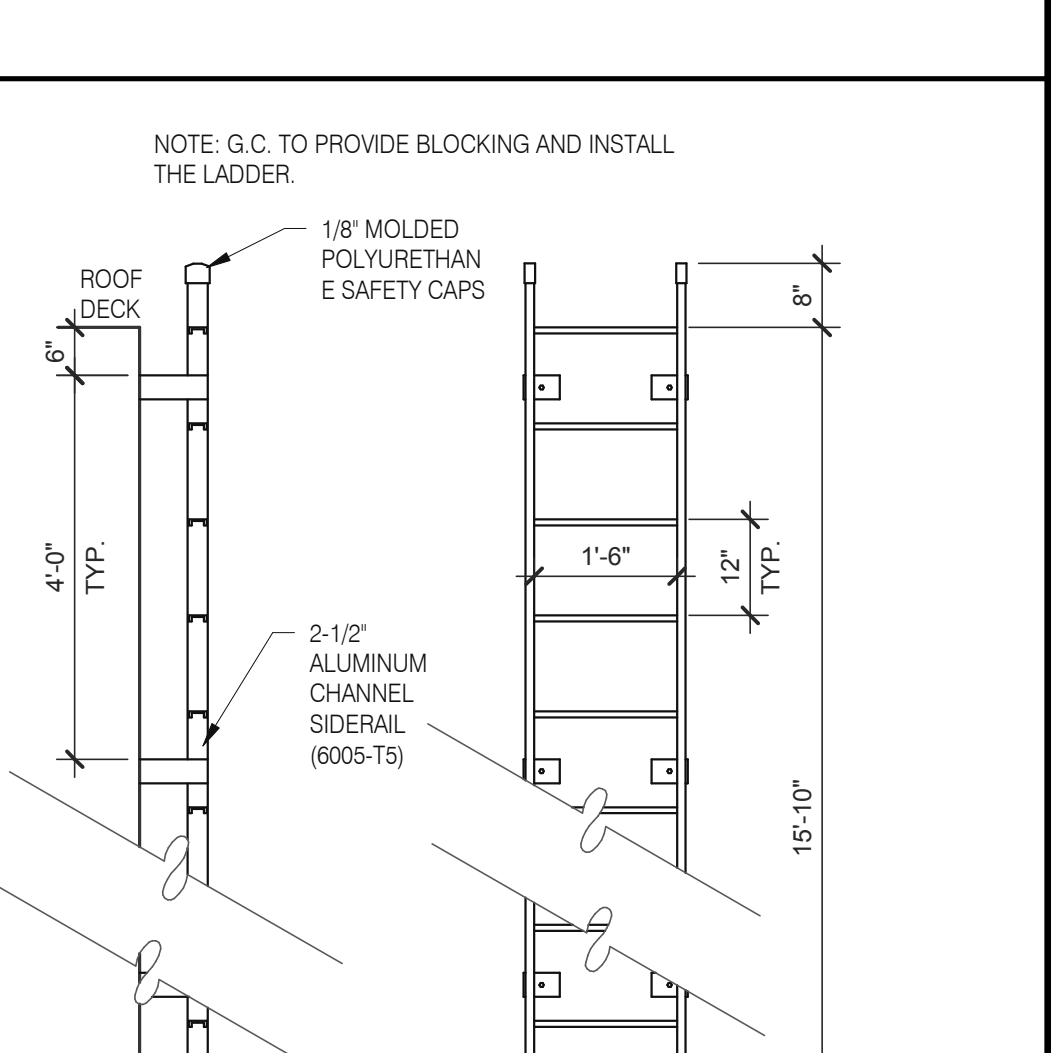
**COPING JOINT** N.T.S. **5**



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



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



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

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CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

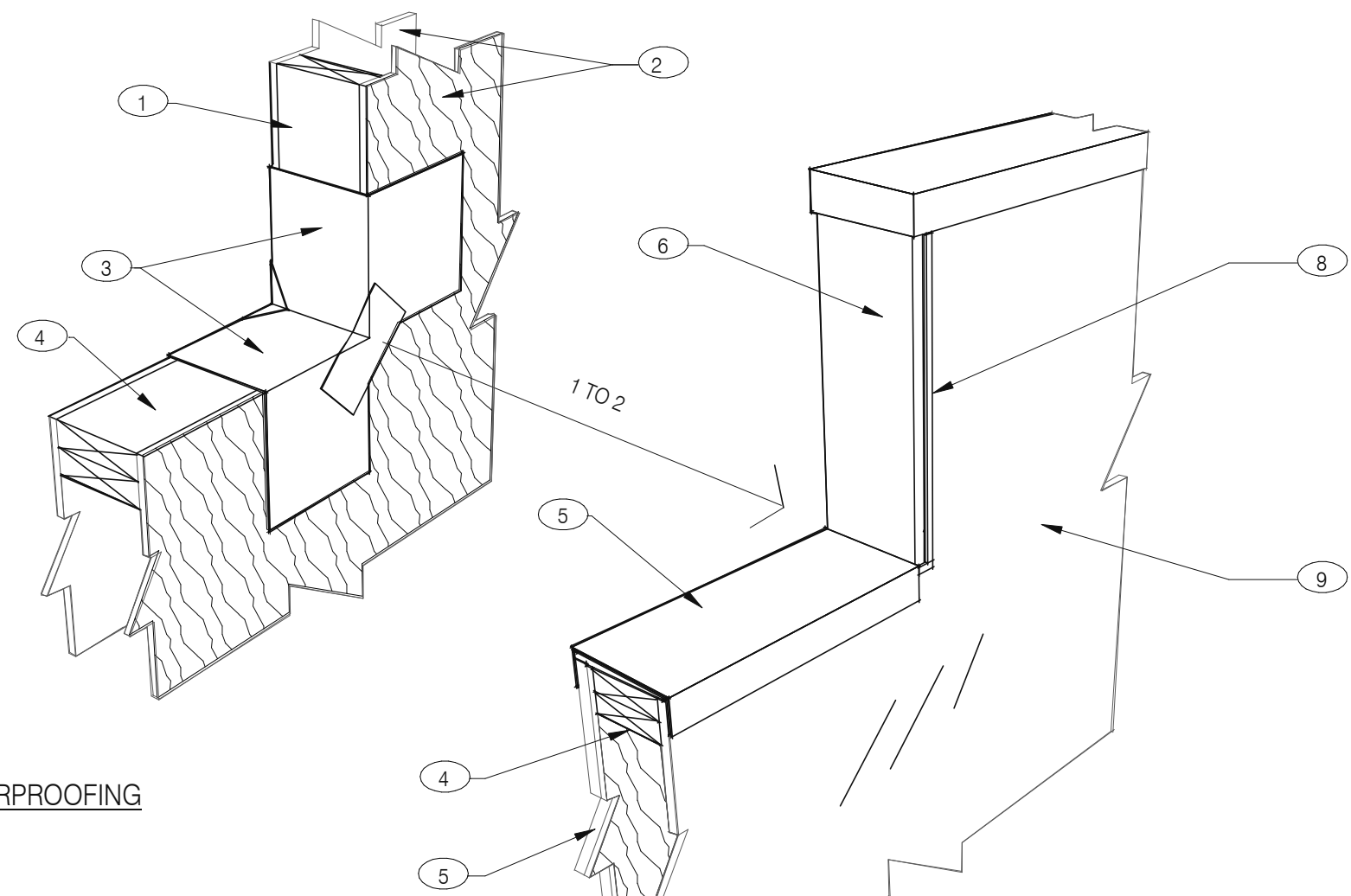
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS ROOF

A6.0

PLOT DATE: 3/31/2022 11:06:12 AM



1 - PRE-WATERPROOFING

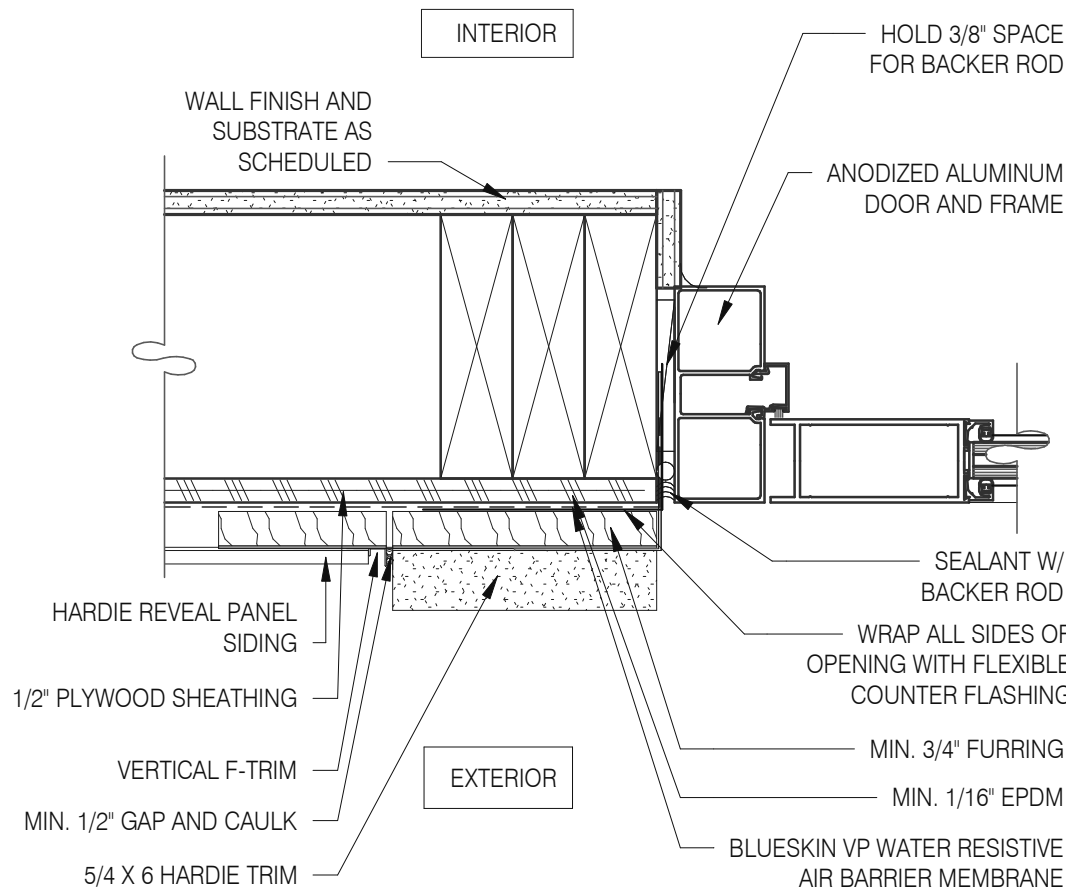
2 - FINISH-WATERPROOFING

NOTES

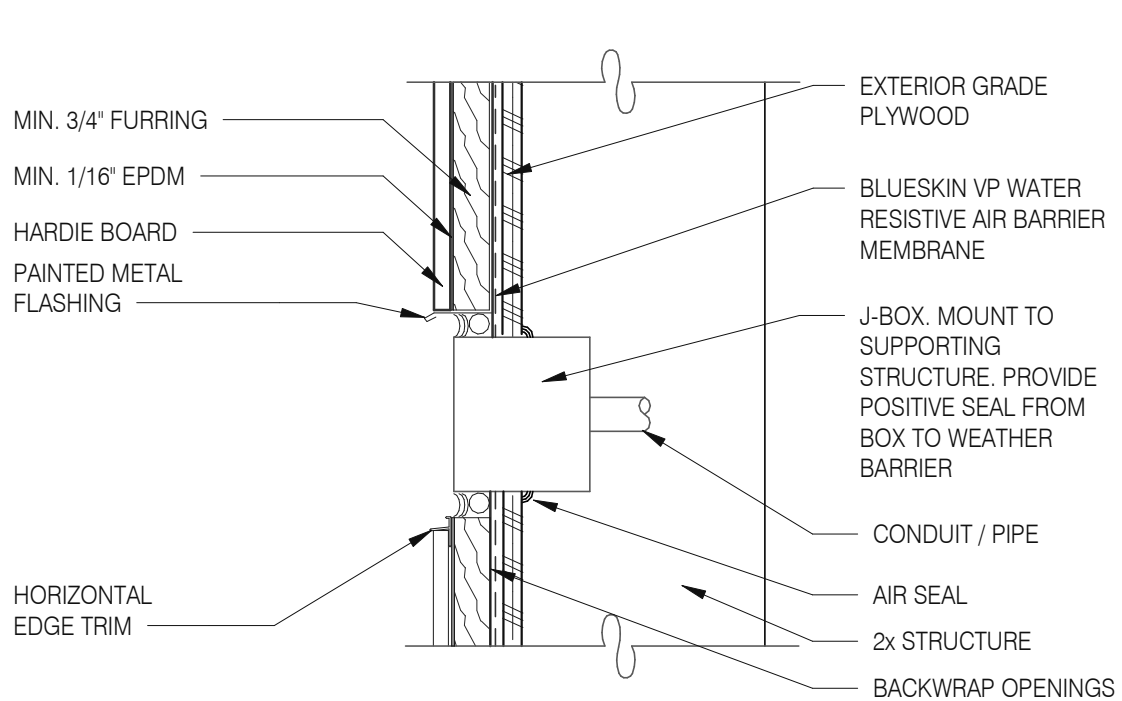
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING.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

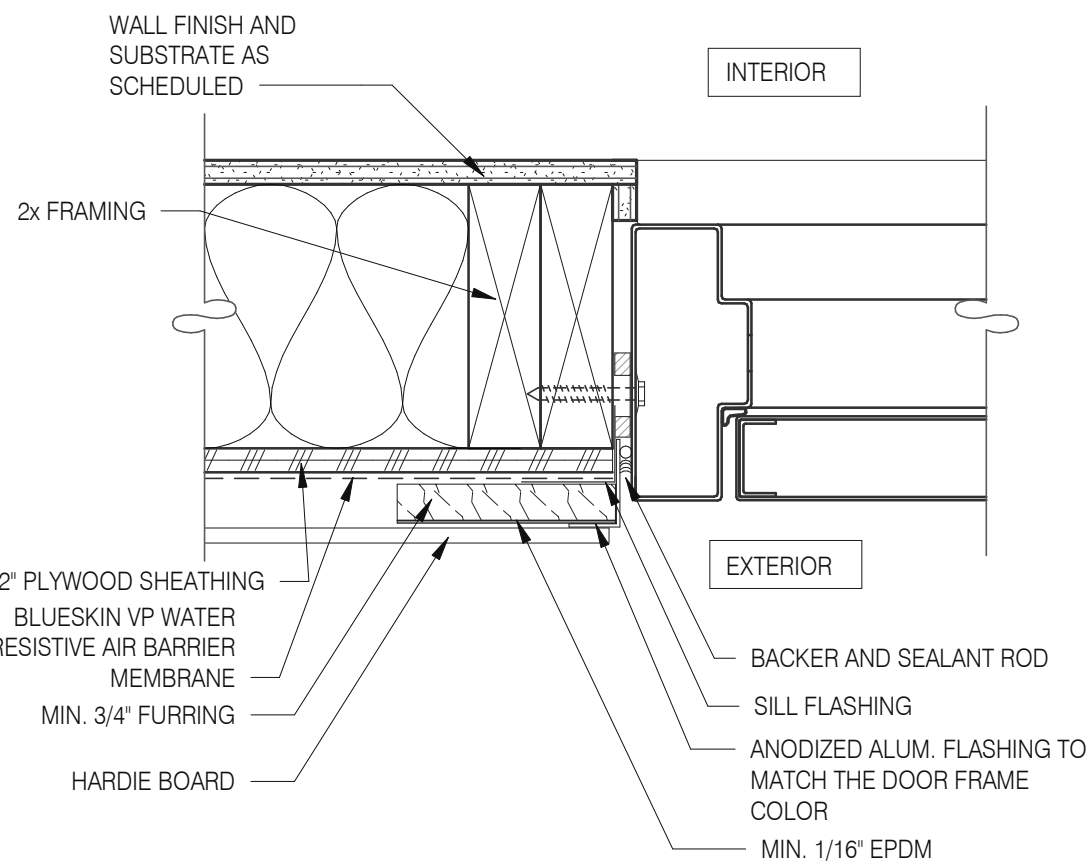
PARAPET CAP & TRANSITION 1" = 1'-0" 13



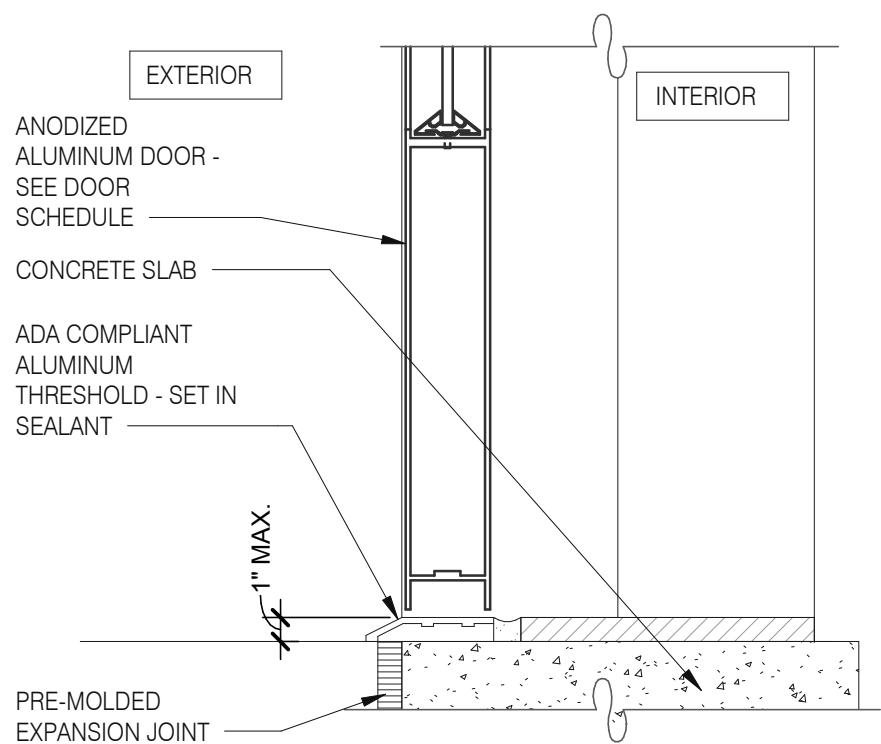
DOOR JAMB 3" = 1'-0" 16



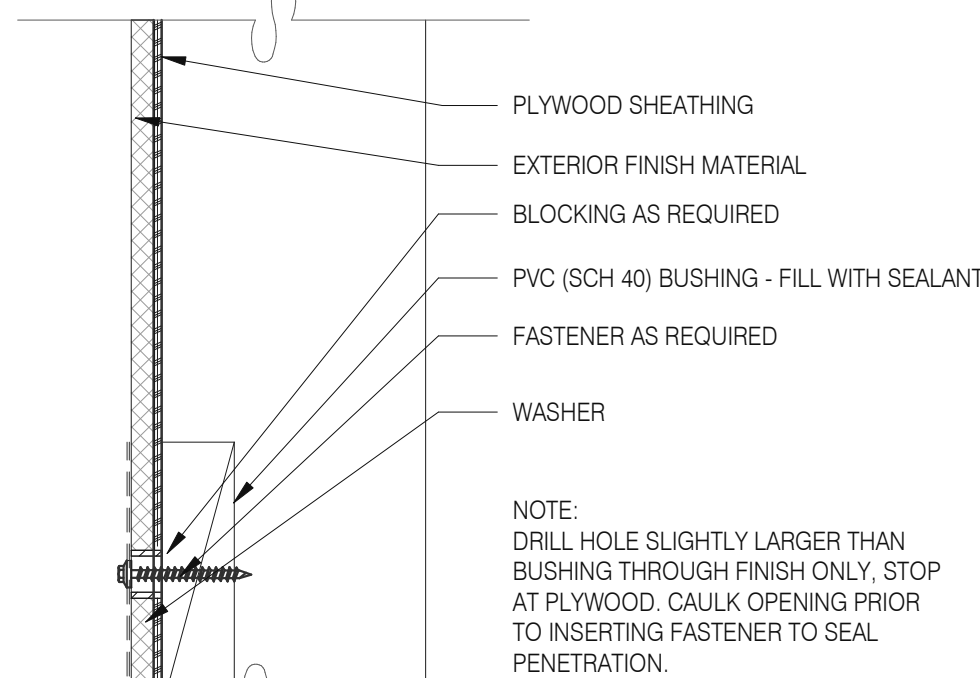
CO2 FILL / J-BOX 3" = 1'-0" 17



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

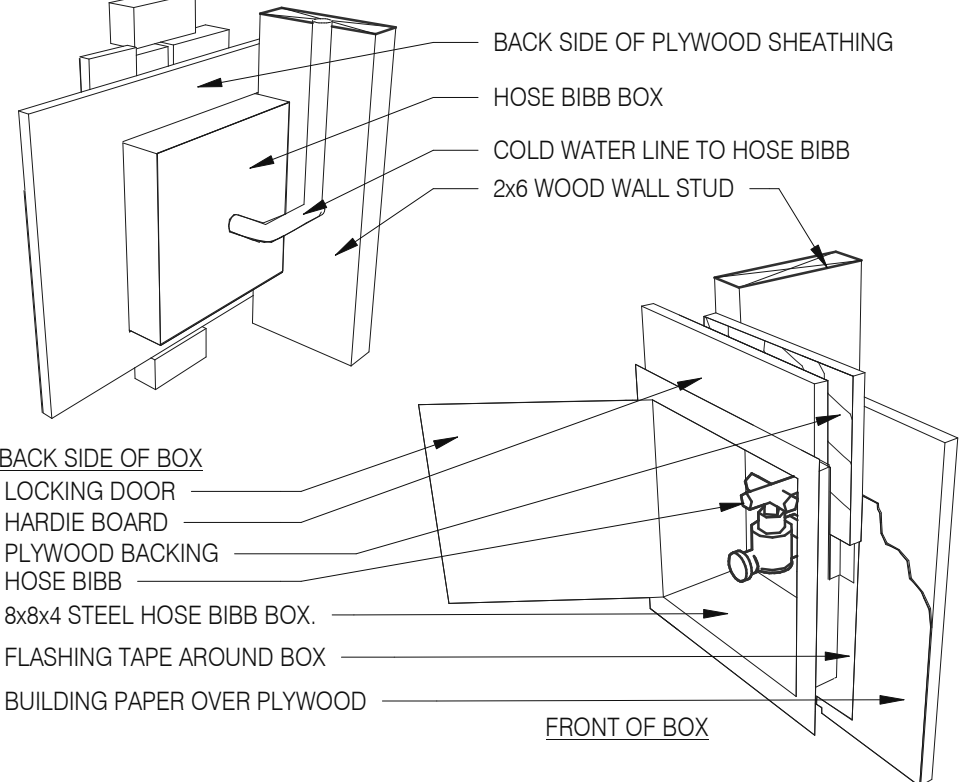


STOREFRONT DOOR SILL 3" = 1'-0" 10

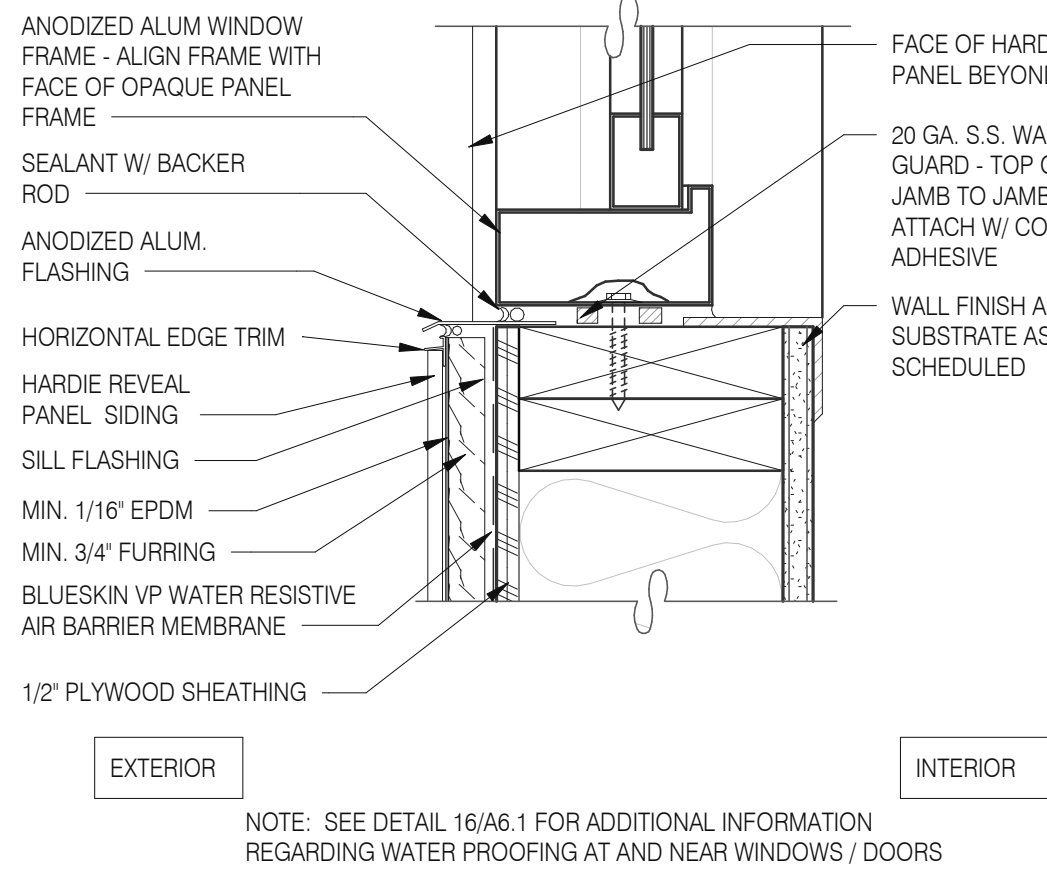


CONNECTION THRU EXT. FINISH 1" = 1'-0" 11

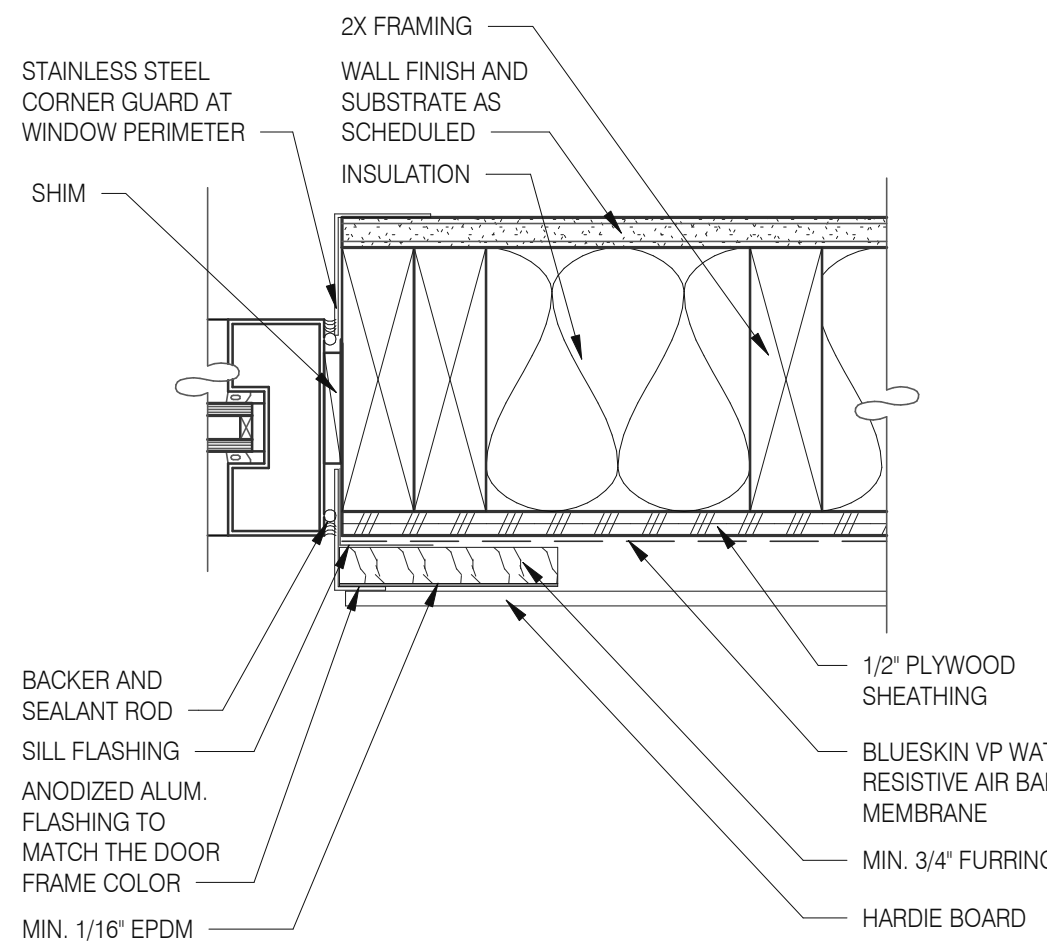
NOTE: HOSE BIBB BOX SHALL BE ACUDOR-ARVB OR EQUAL



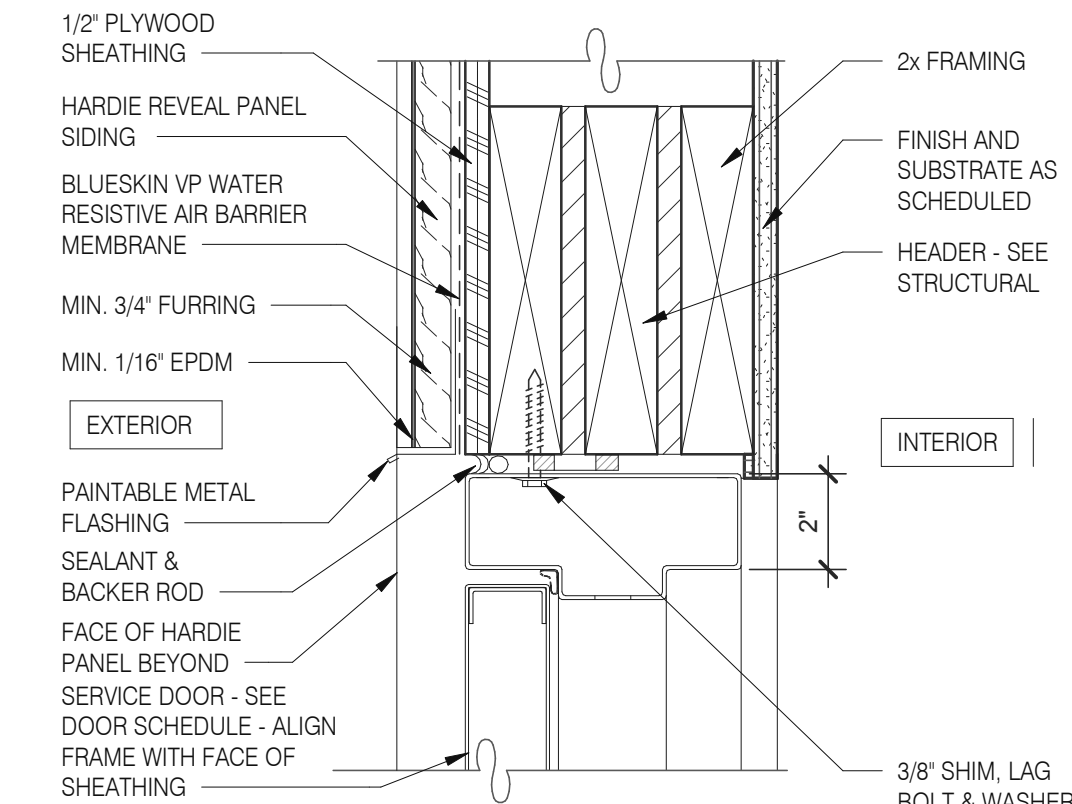
HOSE BIBB BOX 3" = 1'-0" 12



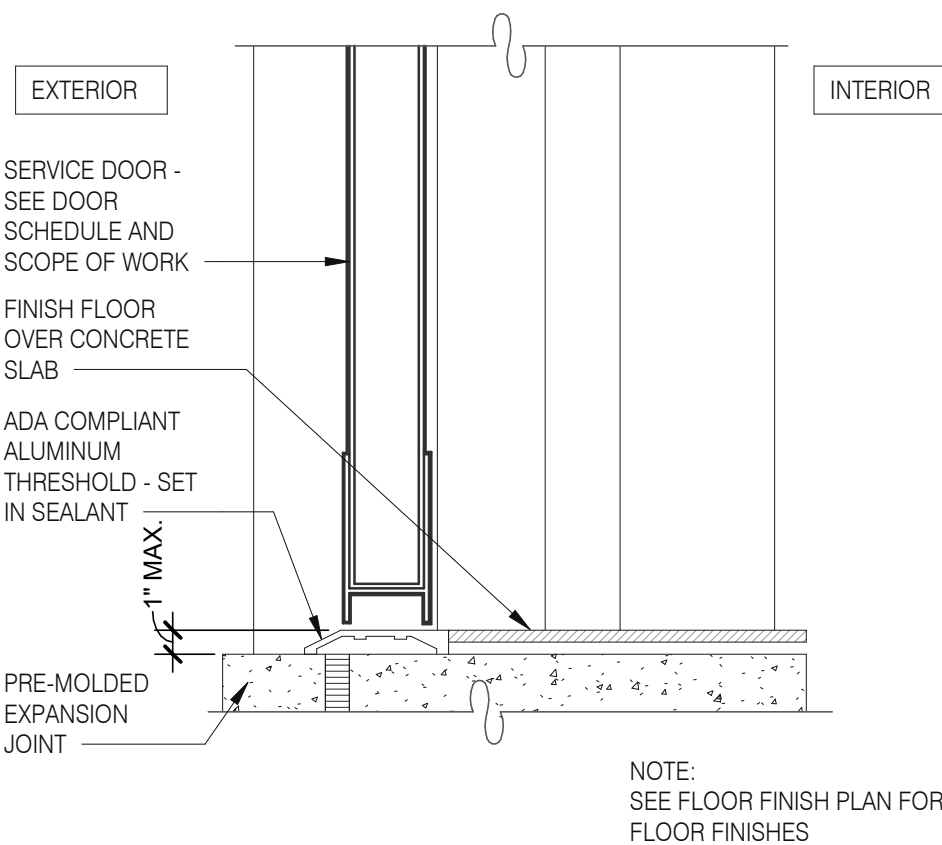
WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5



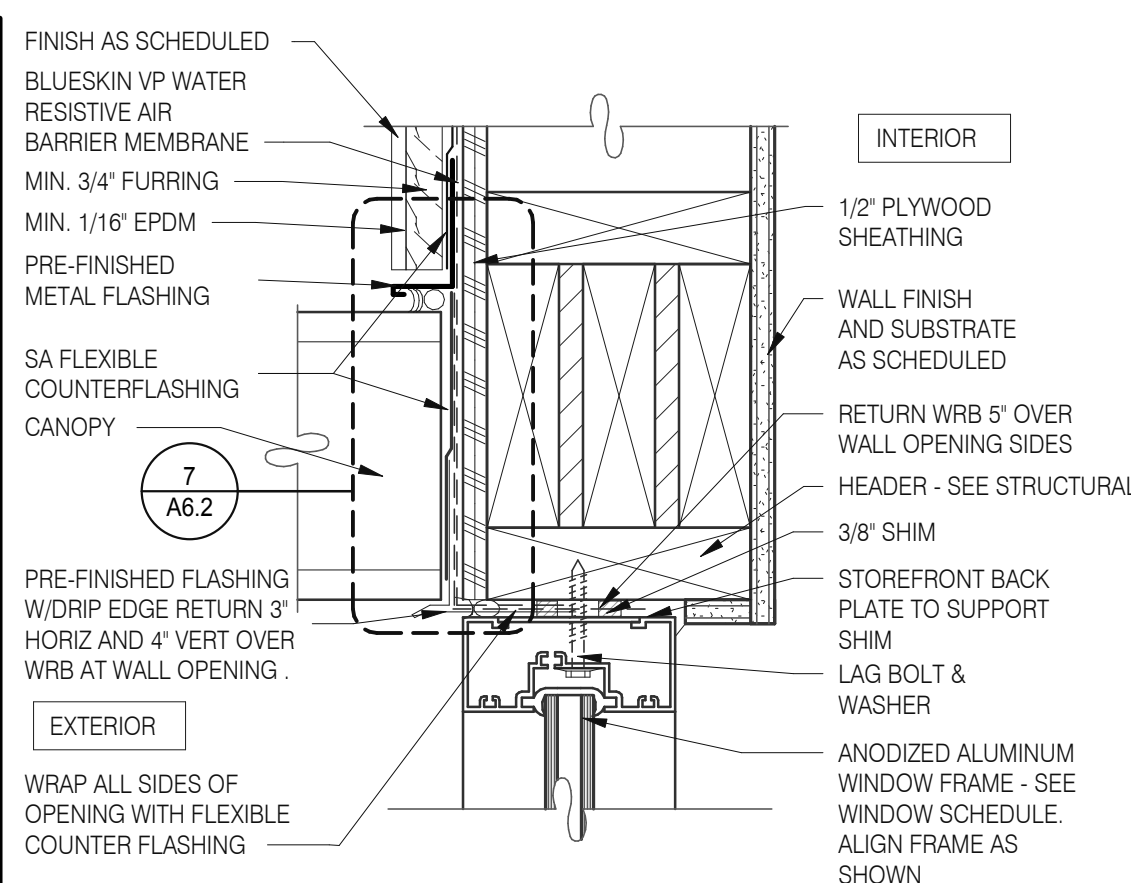
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



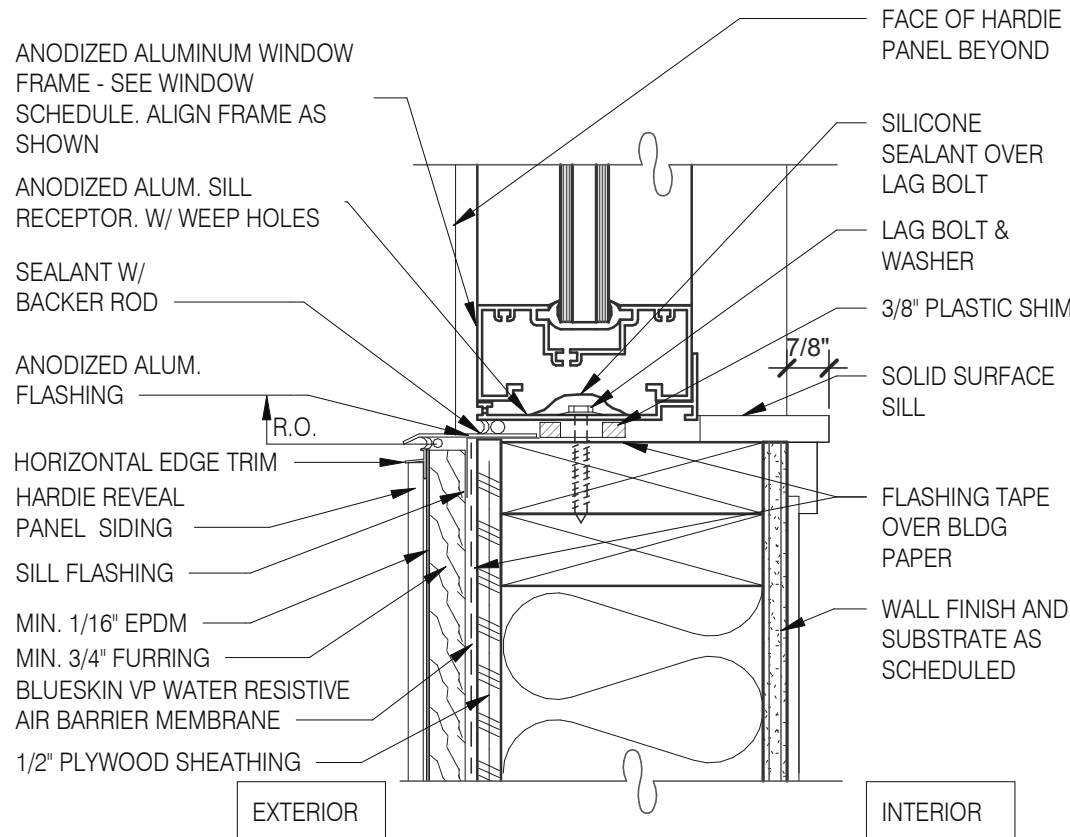
HEAD/ JAMB @ SERVICE DOOR 3" = 1'-0" 7



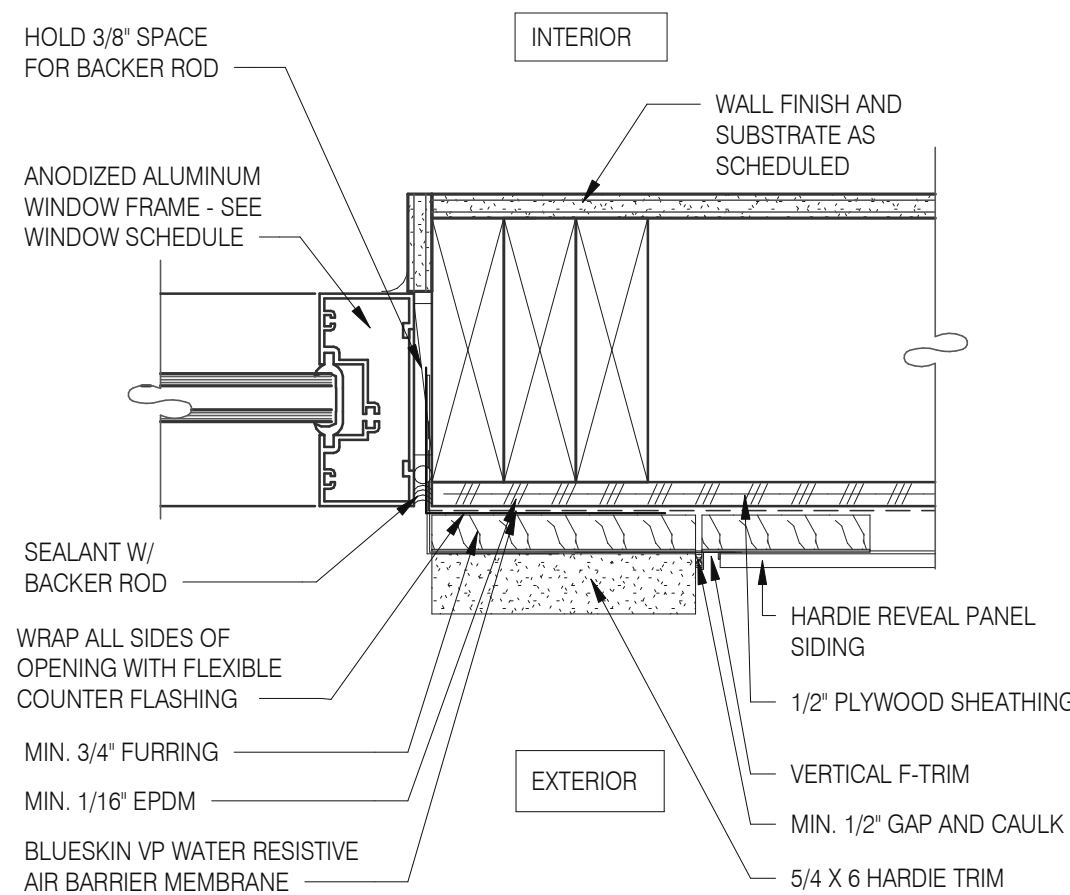
THRESHOLD @ SERVICE DOOR 3" = 1'-0" 8



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



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



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

GENERAL NOTES:

HARDIE BOARD TO BE ATTACHED WITH CONCEALED FASTENERS PER MANUFACTURERS SPECIFICATIONS

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SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS  
DOOR/WINDOW

A6.1

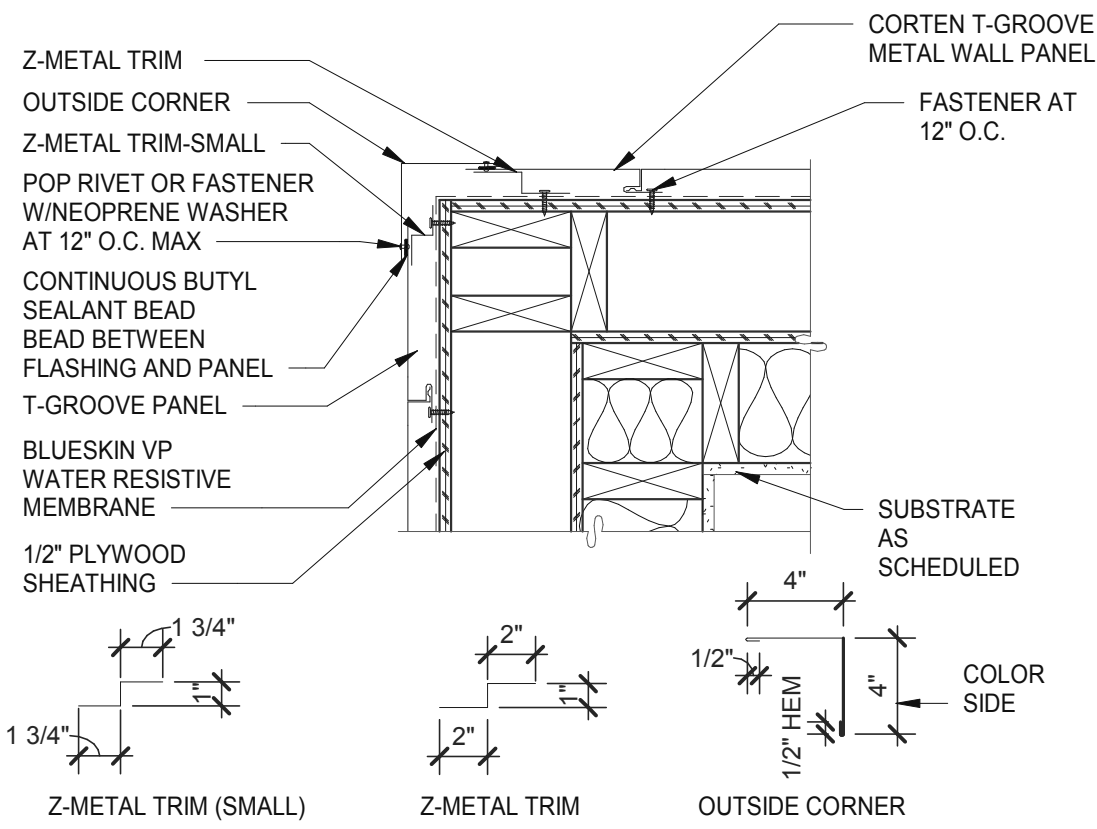
PLOT DATE: 3/31/2022 11:06:16 AM

C:\Users\matt\Documents\ARCH\_3M20\_Cartersville\_GA\_Main\SI\_MSI\bell\GPDGroup.rvt

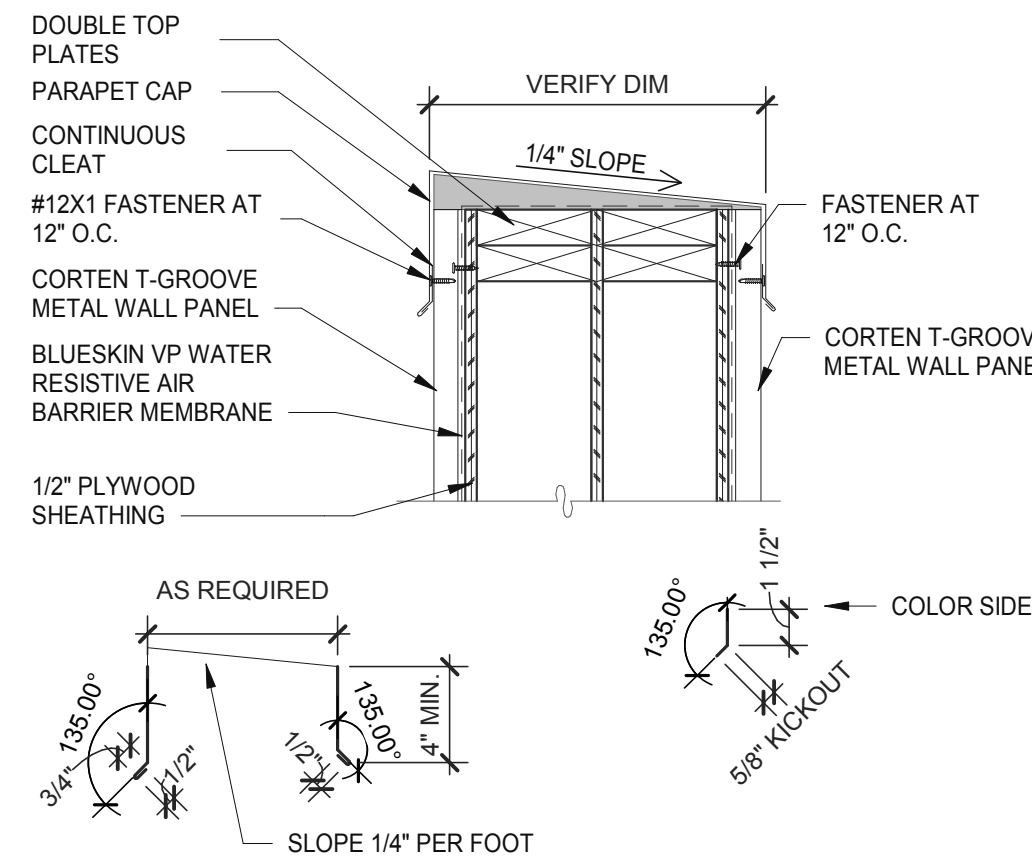
CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT



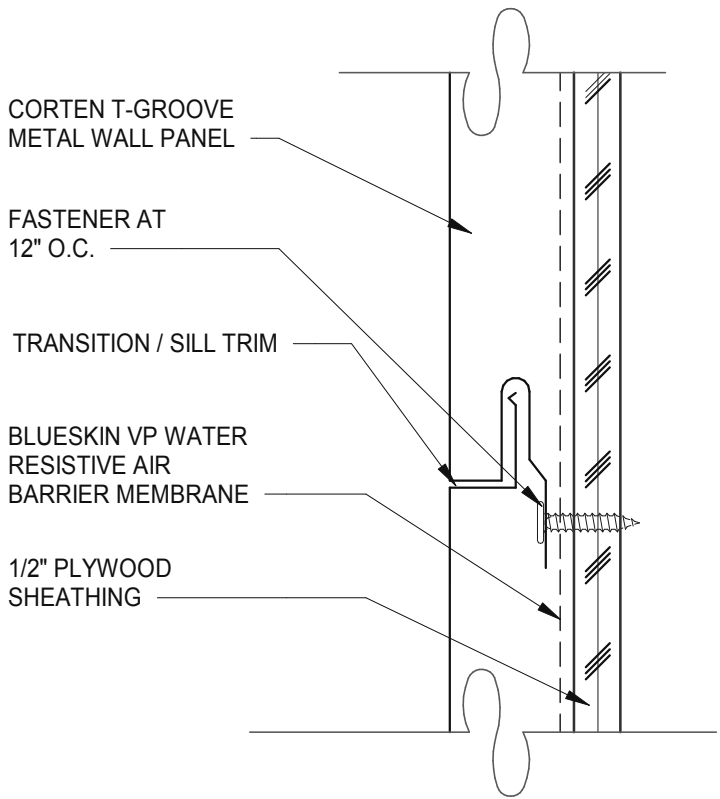
**GPD GROUP**  
Professional Corporation  
520 S. MAIN STREET, SUIT 2531  
AKRON, OH 44311  
330.572.2100 FAX: 330.572.2102



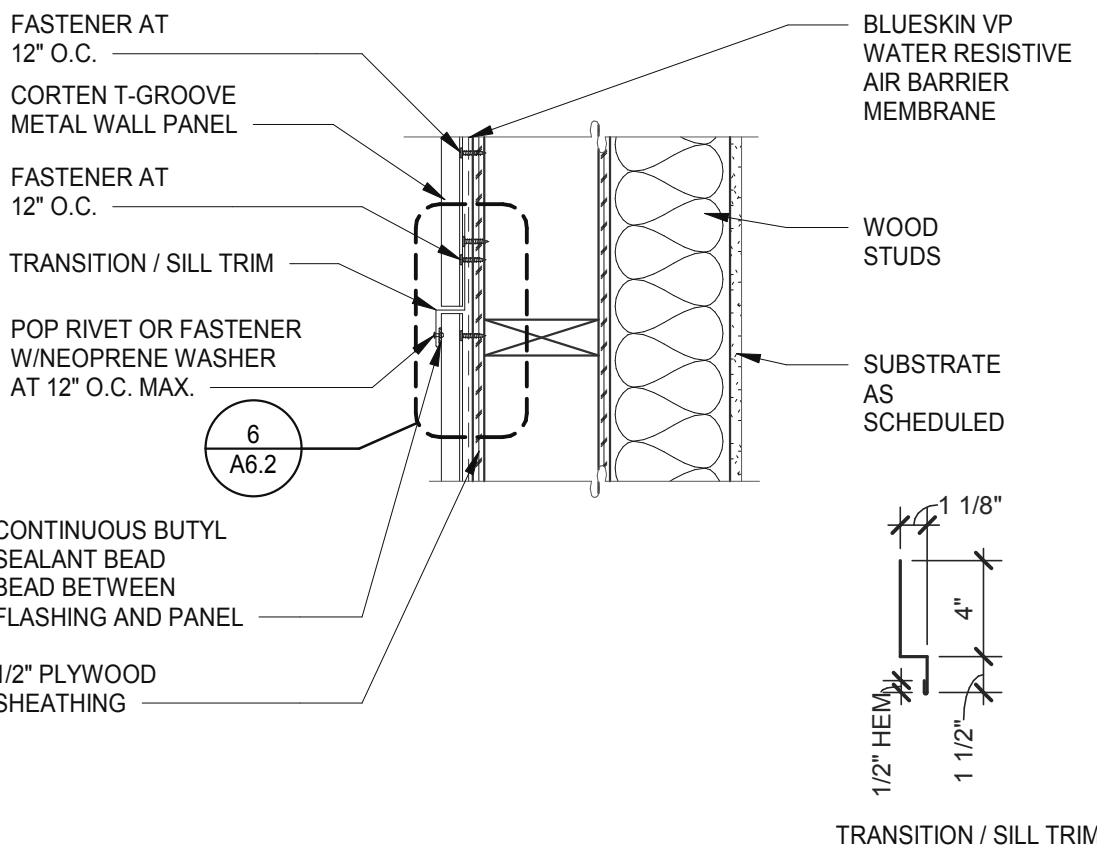
OUTSIDE CORNER1 1/2" = 1'-0" 5



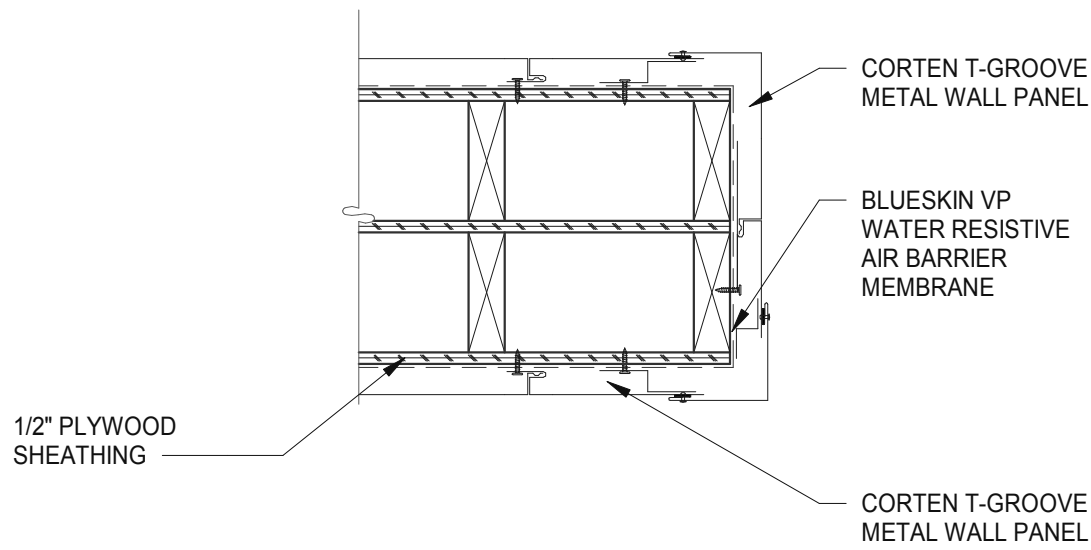
PARAPET1 1/2" = 1'-0" 1



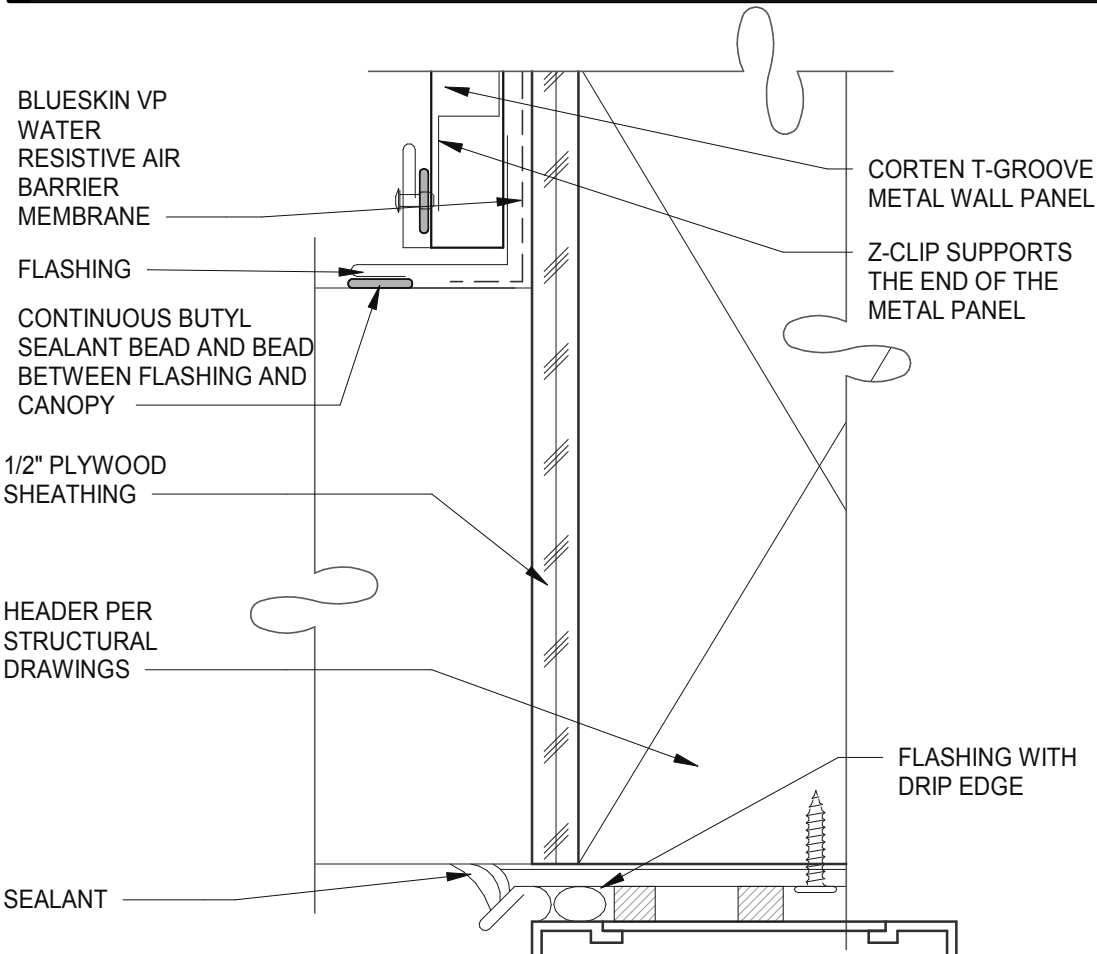
PANEL JOINT 6" = 1'-0" 6



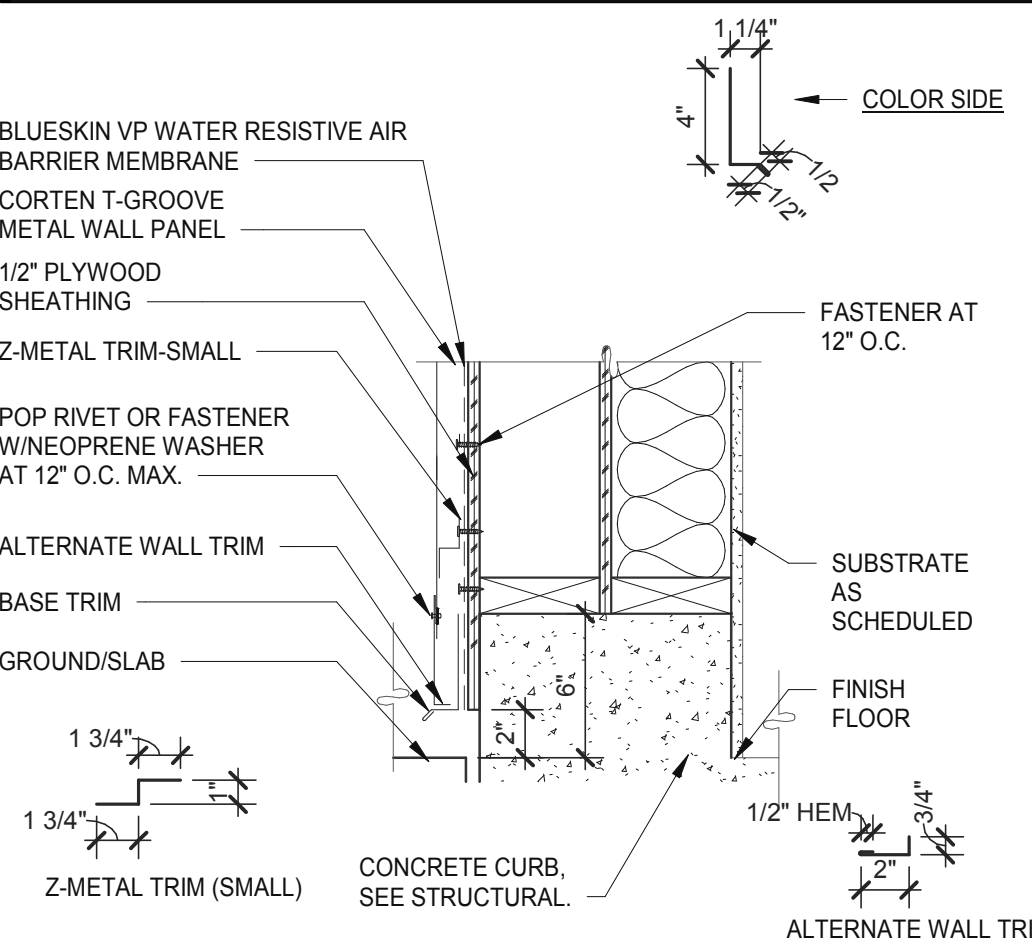
VERTICAL PANEL JOINT1 1/2" = 1'-0" 2



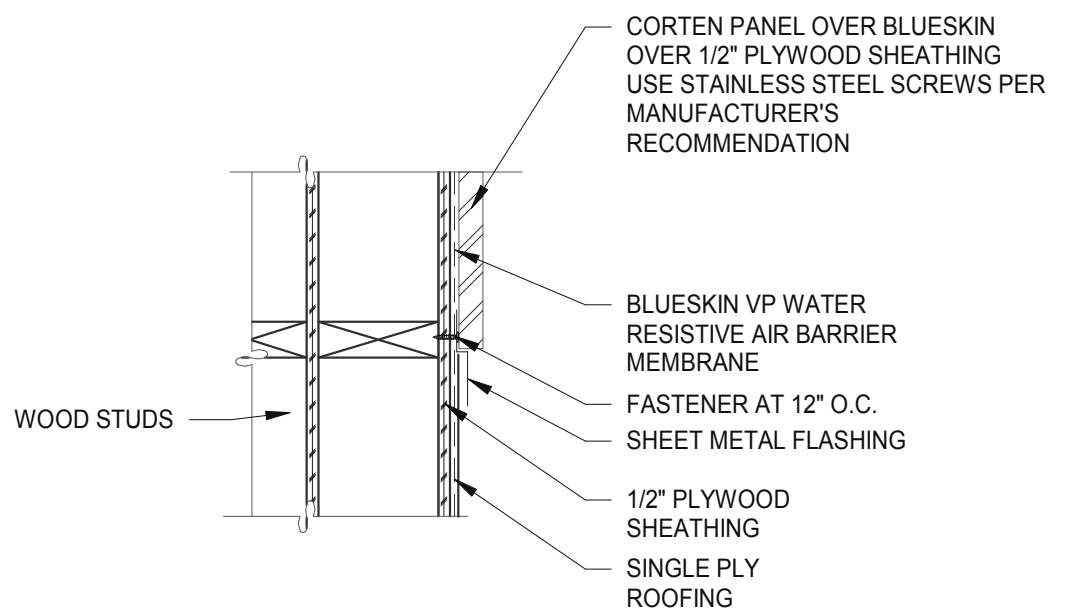
CORTEN T-GROOVE METAL PANEL1 1/2" = 1'-0" 11



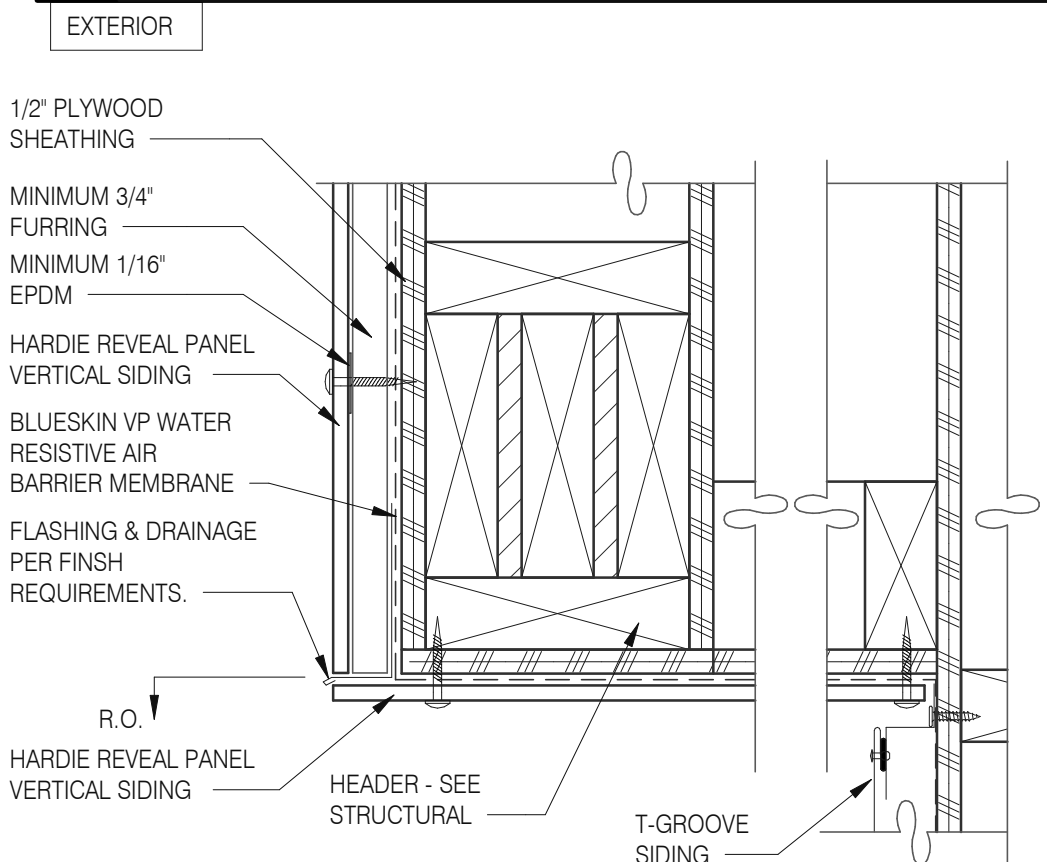
ENLARGED CANOPY DETAIL 6" = 1'-0" 7



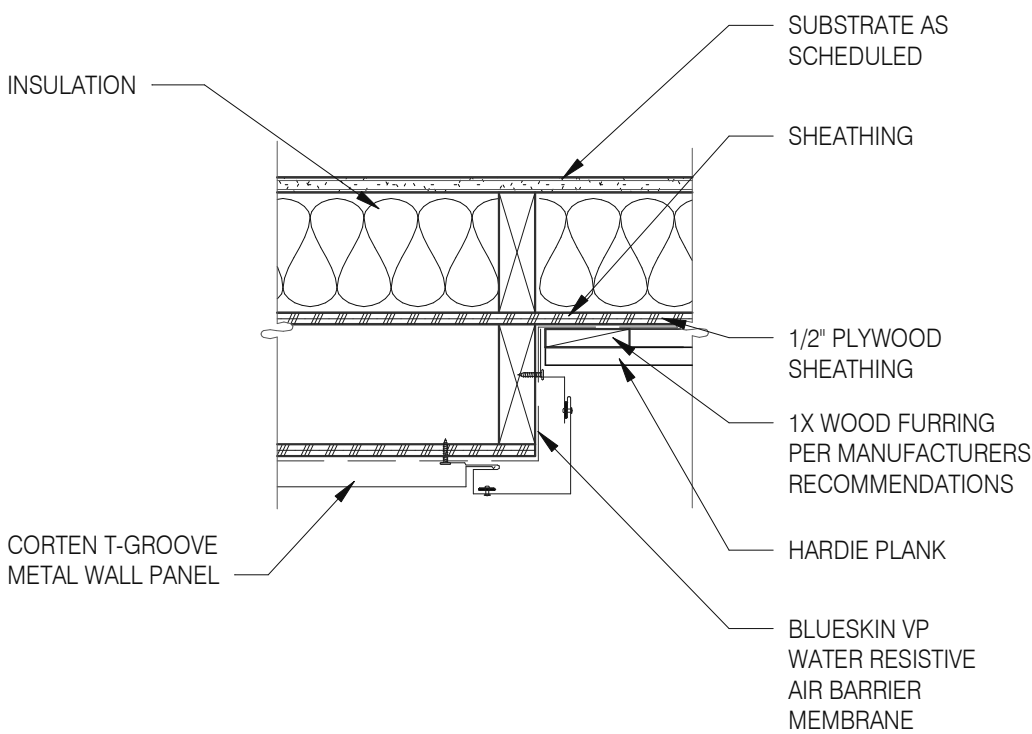
BASE TRIM HORIZONTAL1 1/2" = 1'-0" 3



METAL PANEL @ ROOFING1 1/2" = 1'-0" 12



PARAPET CORNER 3" = 1'-0" 8



VERTICAL OUTSIDE CORNER1 1/2" = 1'-0" 4

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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

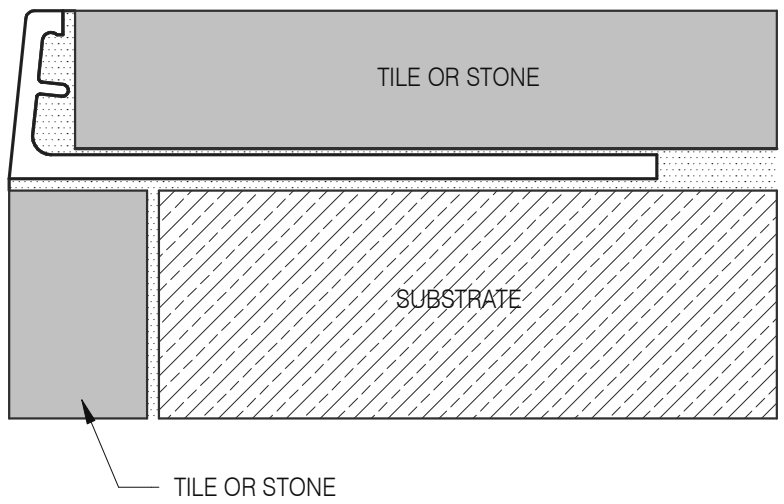
403 E. Main St.  
Cartersville, GA 30121



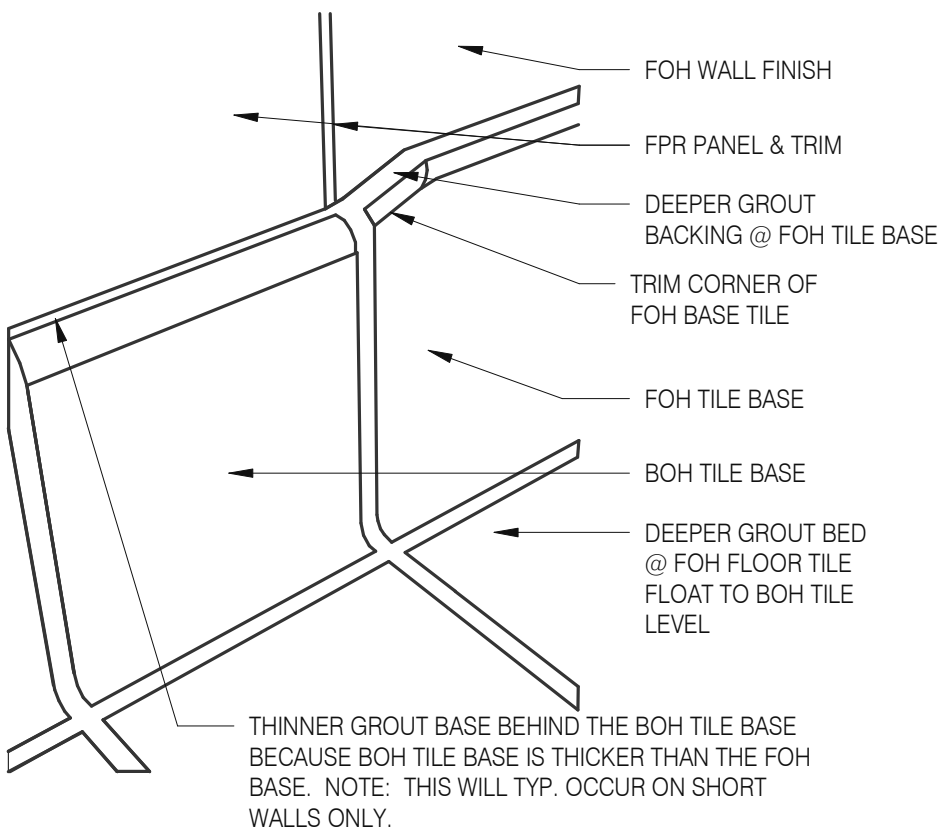
ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS WALL

A6.2

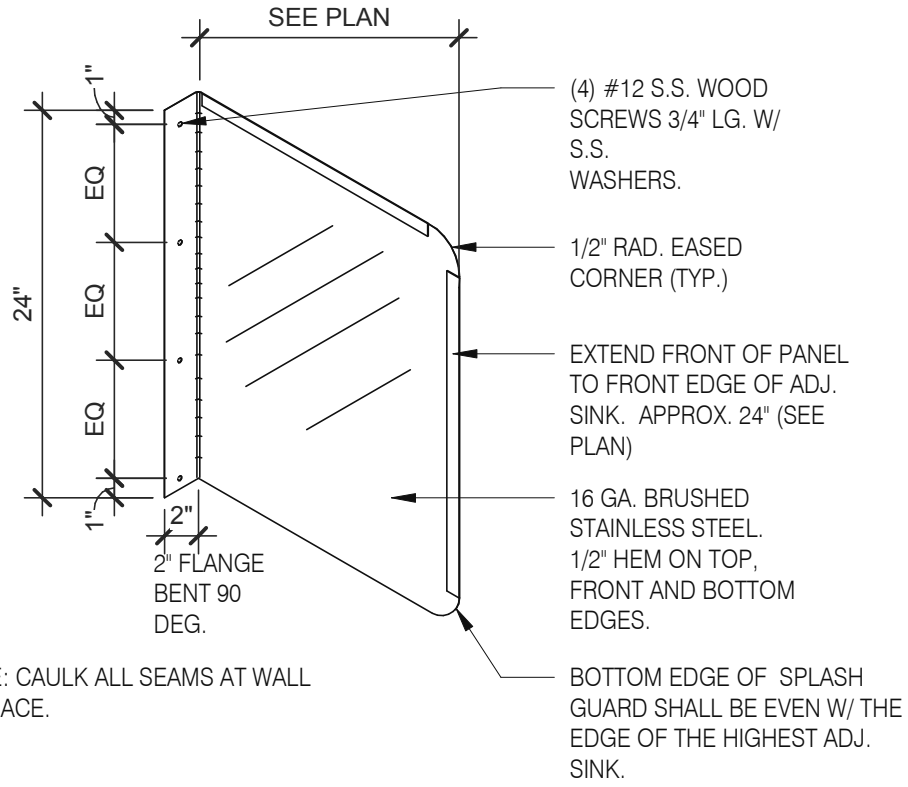
PLOT DATE: 3/31/2022 11:06:19 AM



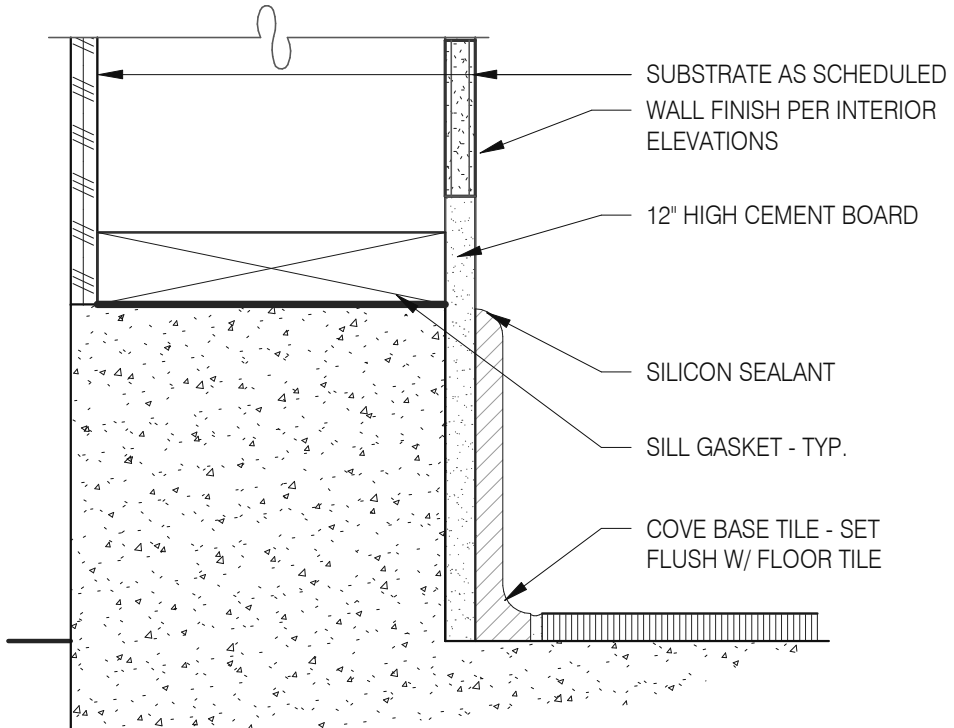
**Schluter Jolly Corner Guard** 1 1/2" = 1'-0" **17**



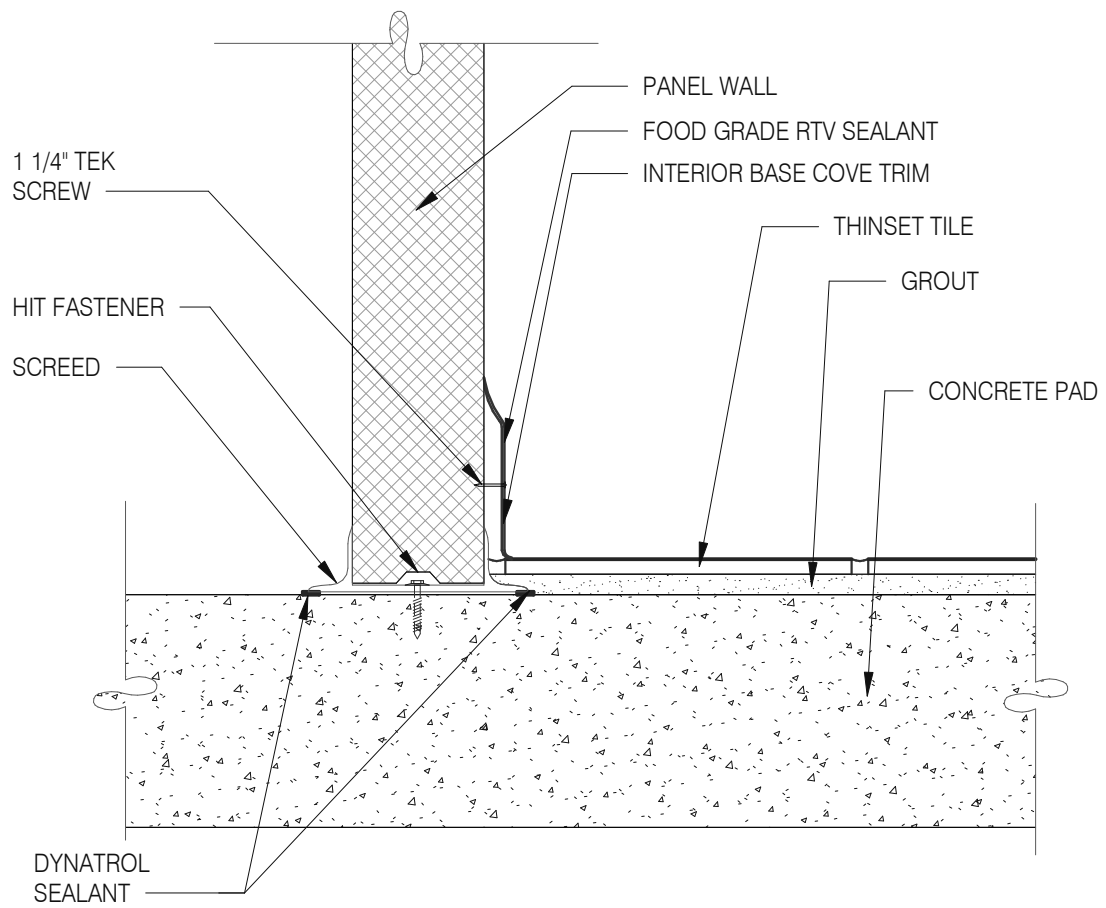
**TILE BASE TRANSITION** 12" = 1'-0" **13**



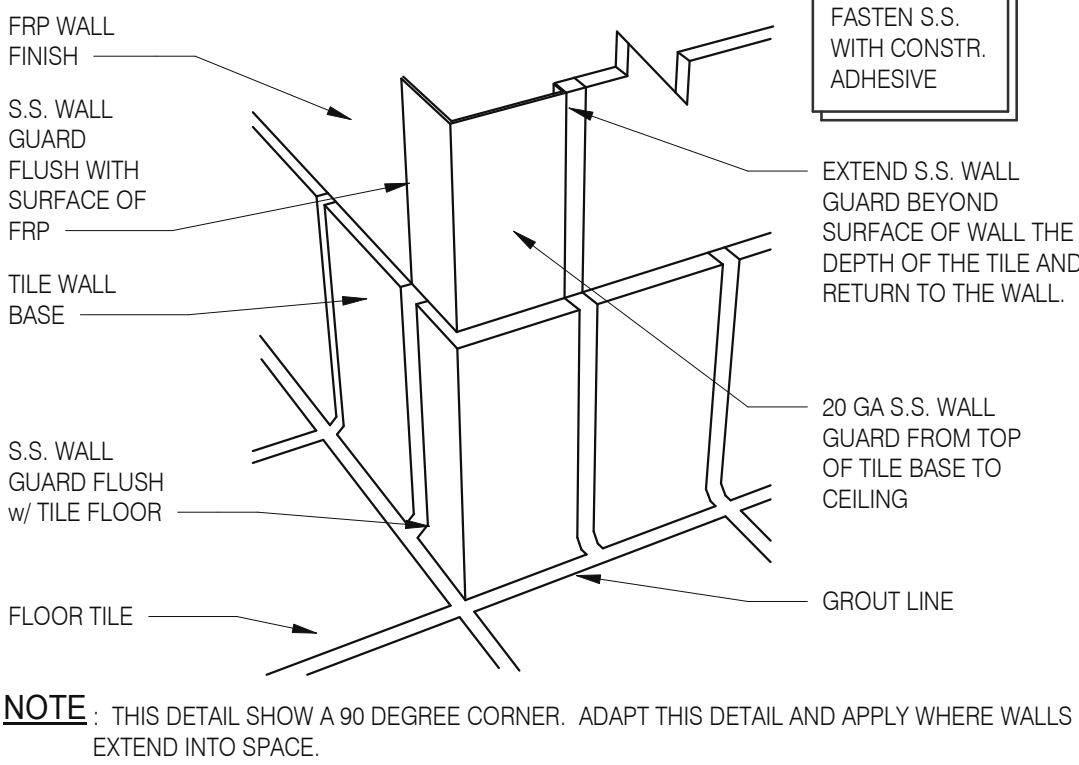
**SPLASH GUARD** 1" = 1'-0" **9**



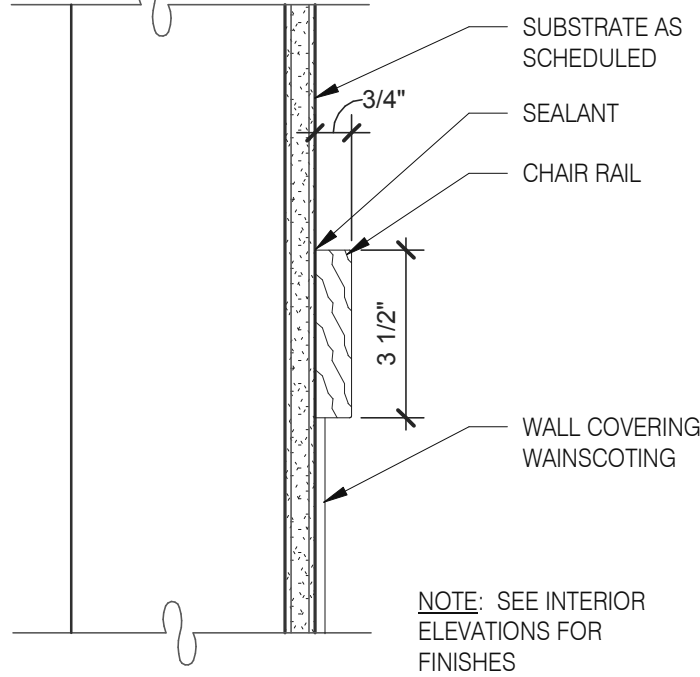
**BASE @ DINING EXT. SIDE WALLS** 3" = 1'-0" **5**



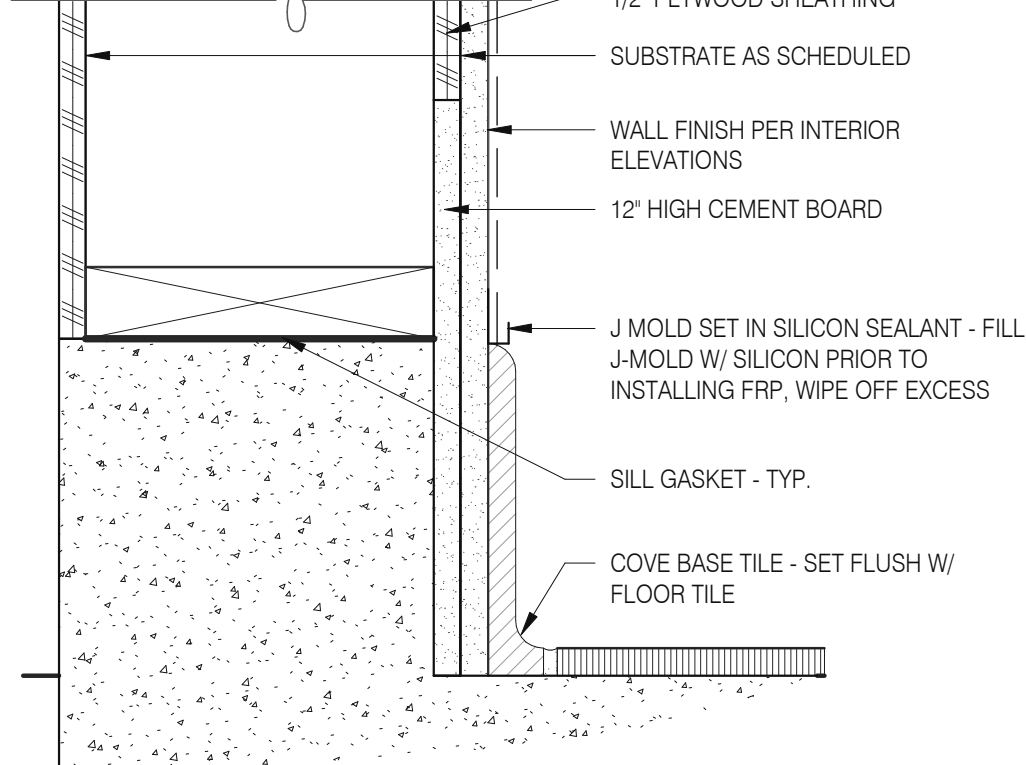
**WALK-IN TILE/BASE** 1 1/2" = 1'-0" **1**



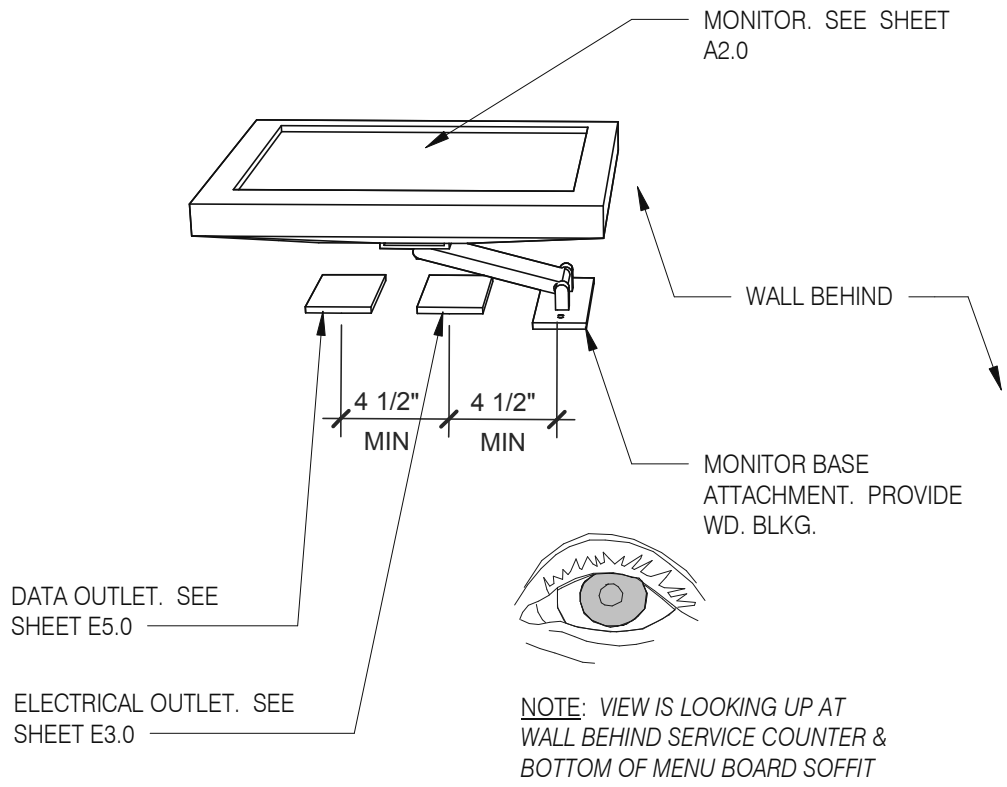
**S.S. CORNER & END WALL GUARD** 12" = 1'-0" **14**



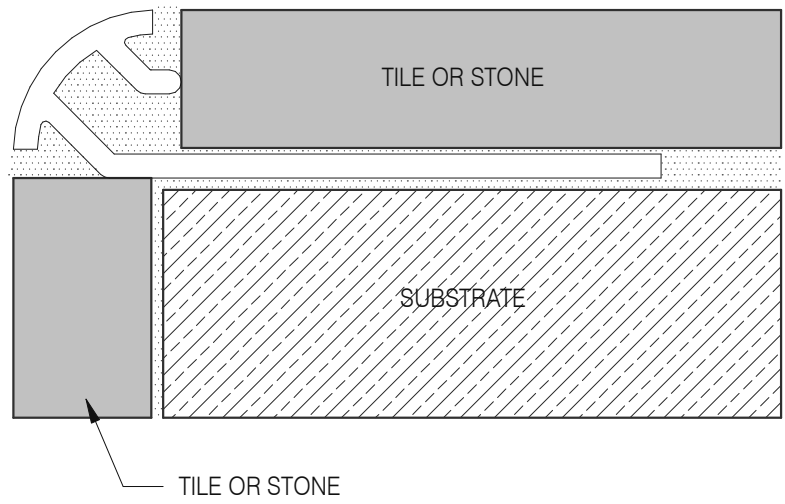
**CHAIR RAIL DETAIL** 3" = 1'-0" **10**



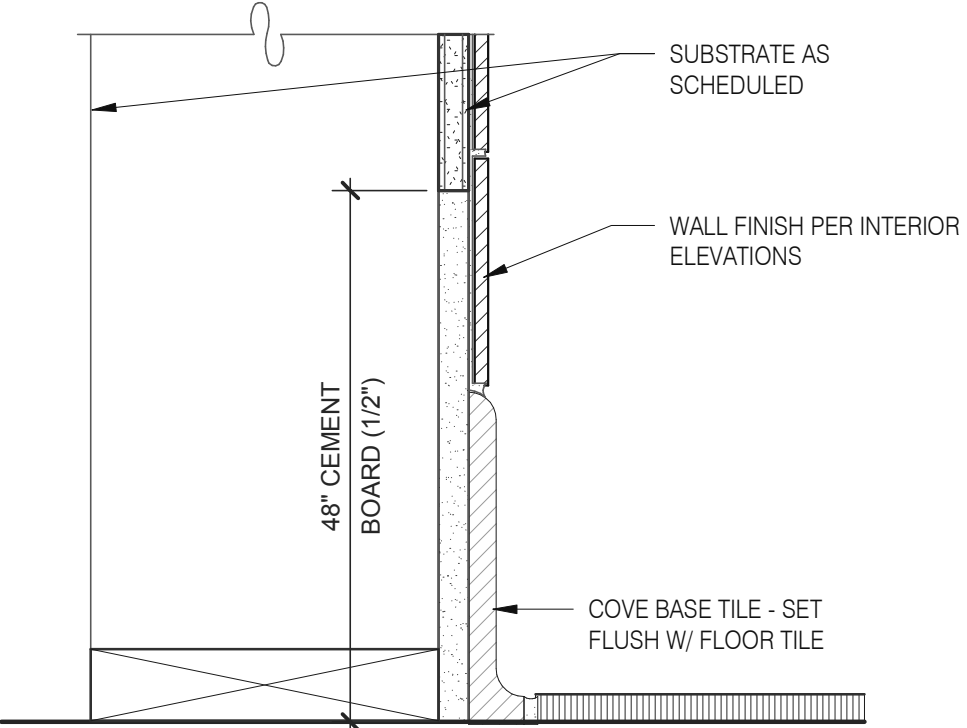
**BASE @ EXT. WALL** 3" = 1'-0" **6**



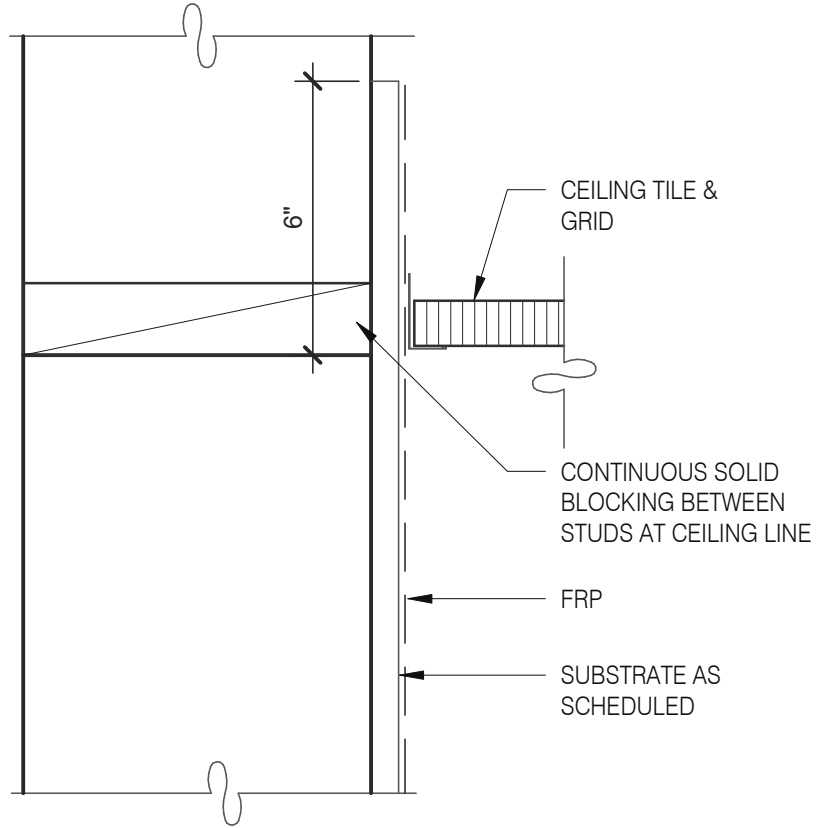
**WALL MOUNT MONITOR** 1 1/2" = 1'-0" **2**



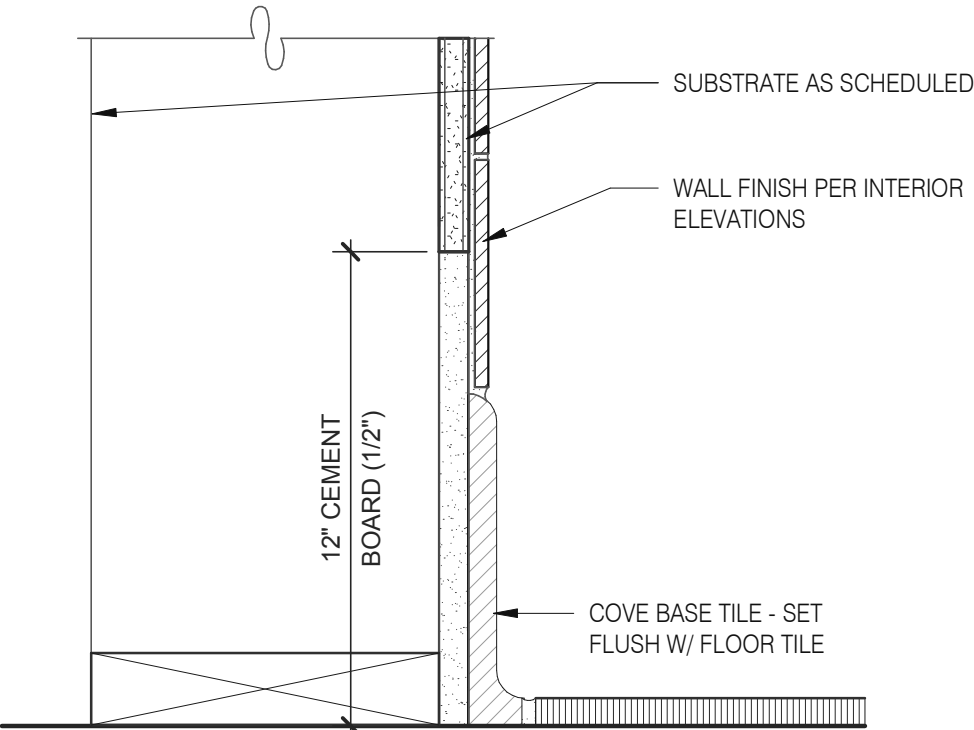
**Schluter Corner Guard** 1 1/2" = 1'-0" **15**



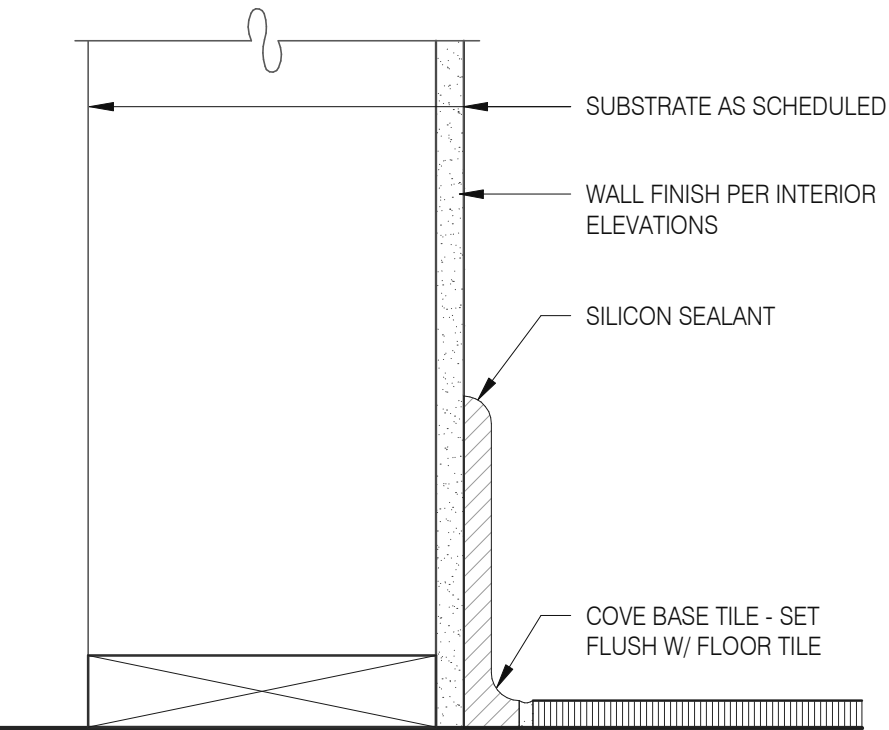
**BASE IN RESTROOM** 3" = 1'-0" **7**



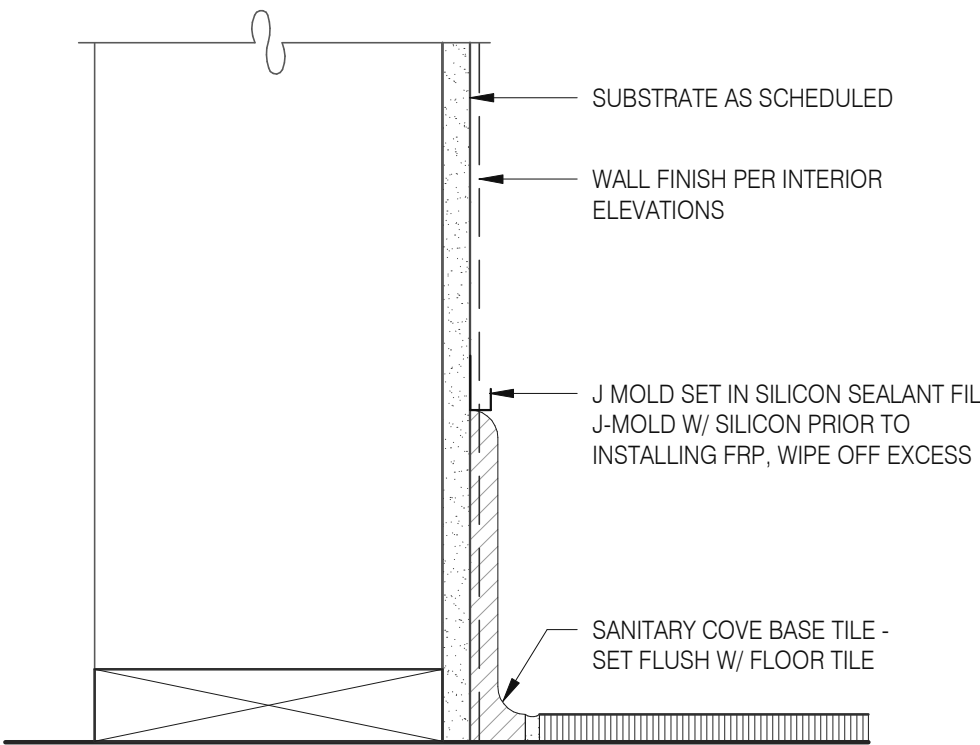
**KITCHEN FINISH @ CEILING** 3" = 1'-0" **3**



**BASE @ KITCHEN WALL** 3" = 1'-0" **16**



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



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

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SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

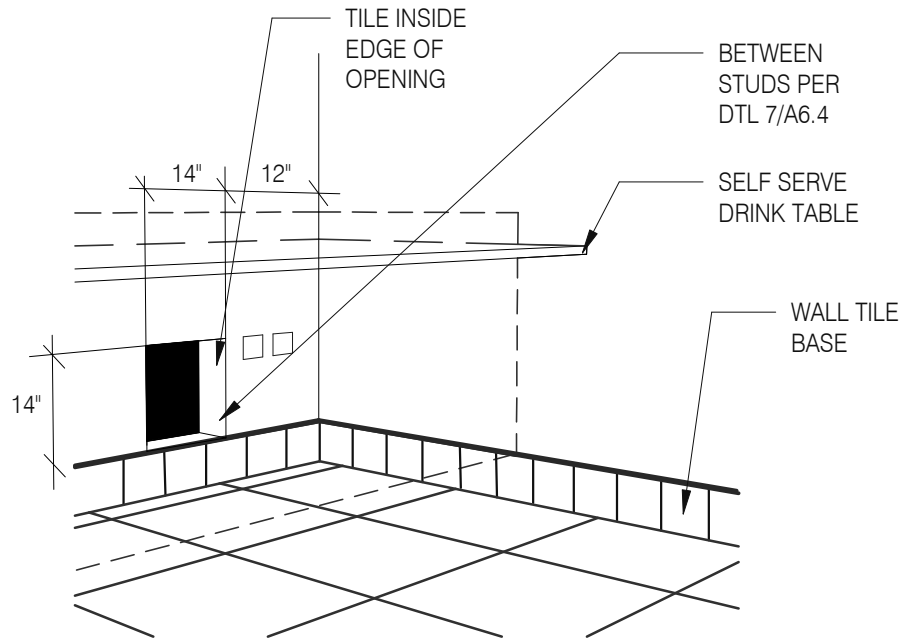
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
FINISH DETAILS

A6.3

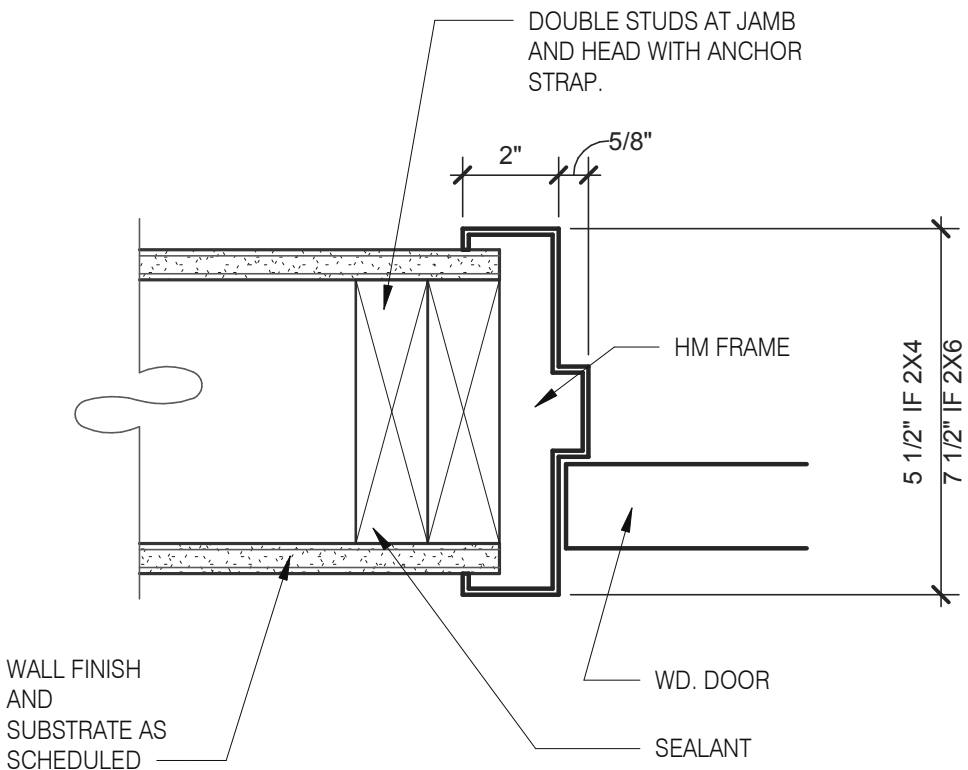
PLOT DATE: 3/31/2022 11:06:23 AM



WALL PASS THRU

N.T.S.

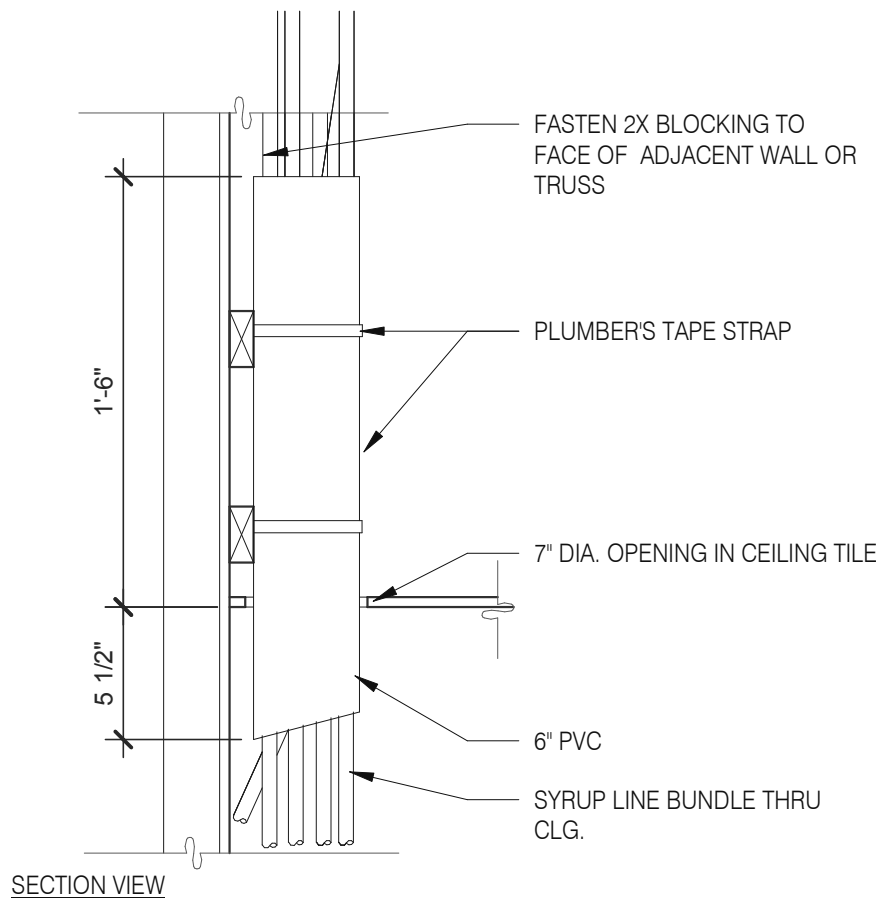
8



HEAD/JAMB @ H.M. DOOR

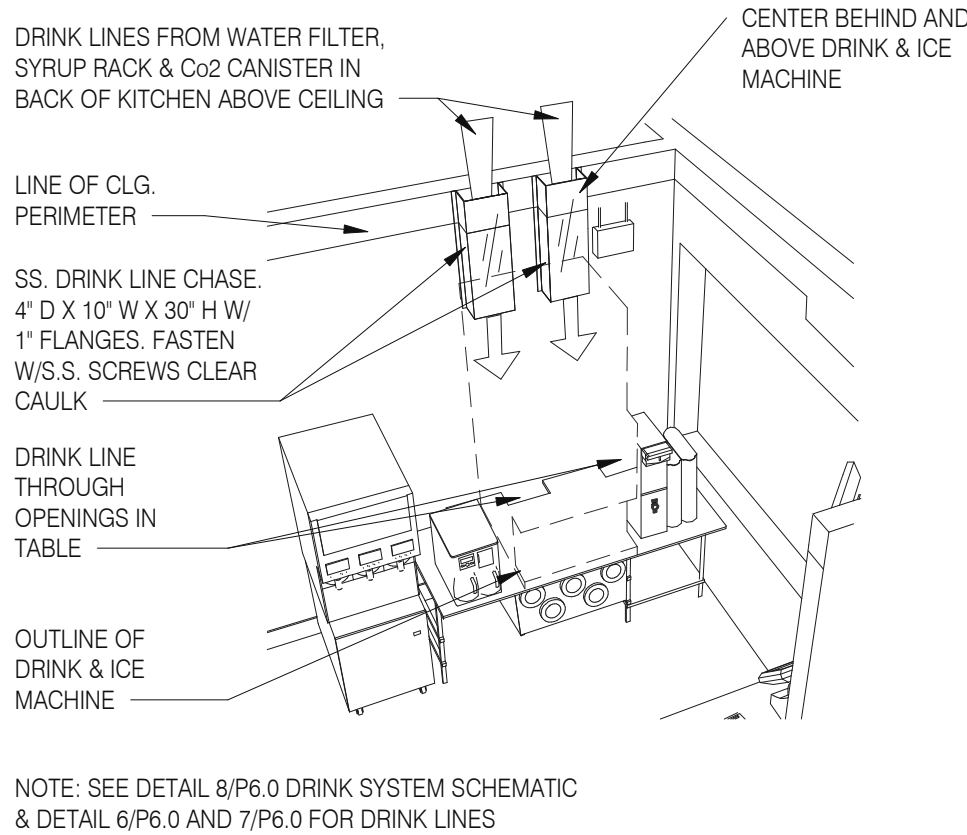
N.T.S.

6



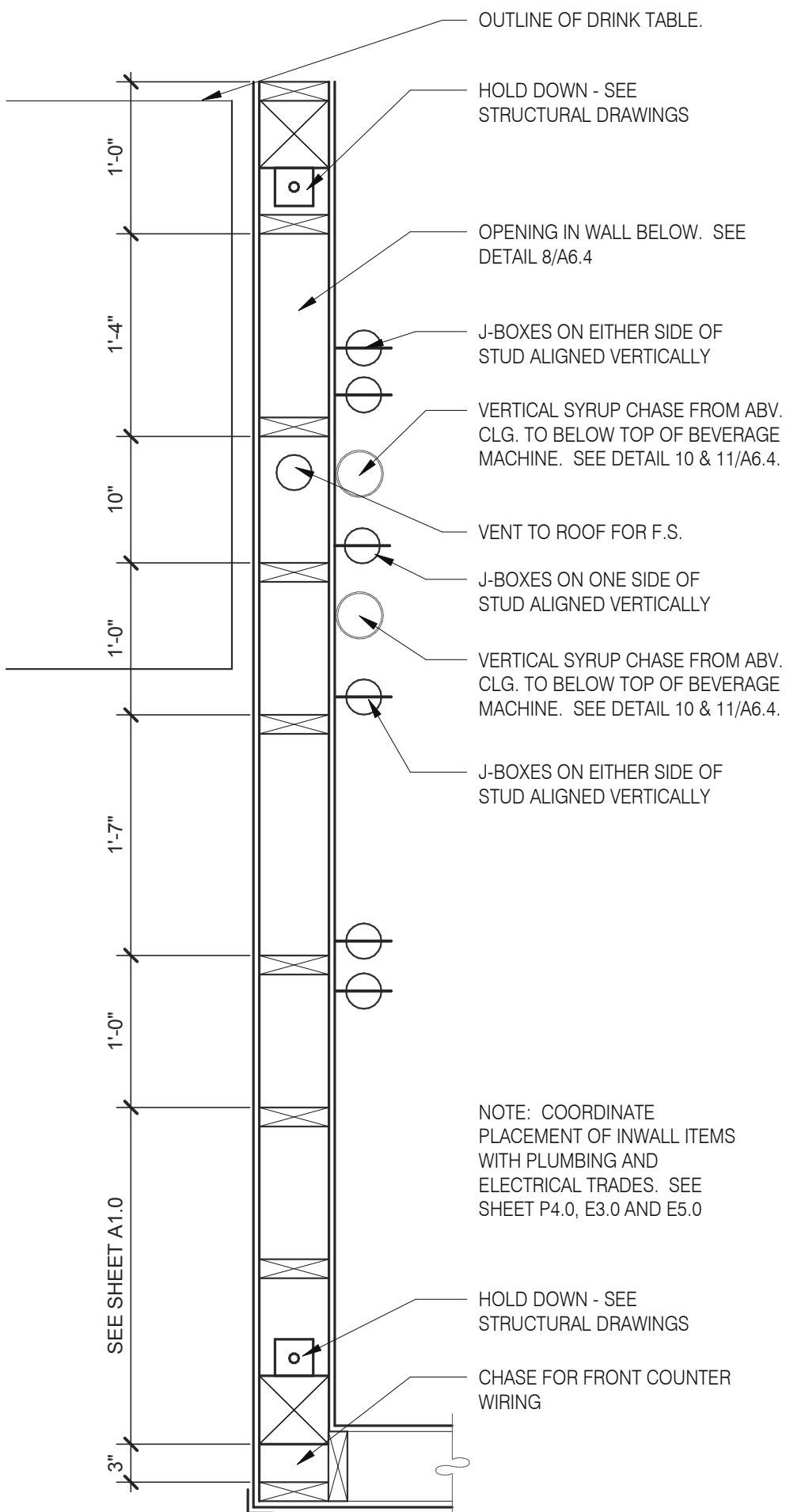
SYRUP BUNDLE CLG.1 1/2" = 1'-0"

10



SYRUP CHASE ON WALL1 1/2" = 1'-0"

11



INTERIOR CHASE WALL

N.T.S.

7

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SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121

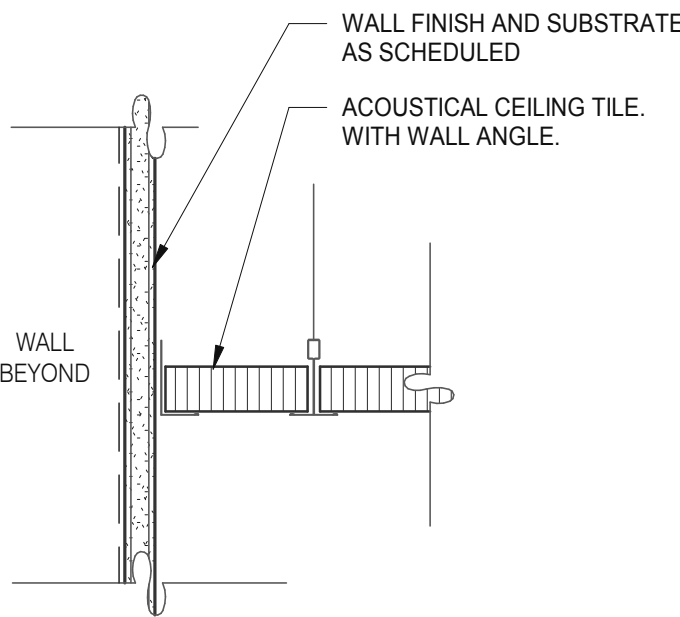


ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS  
INTERIOR

A6.4

PLOT DATE: 3/31/2022 11:06:25 AM

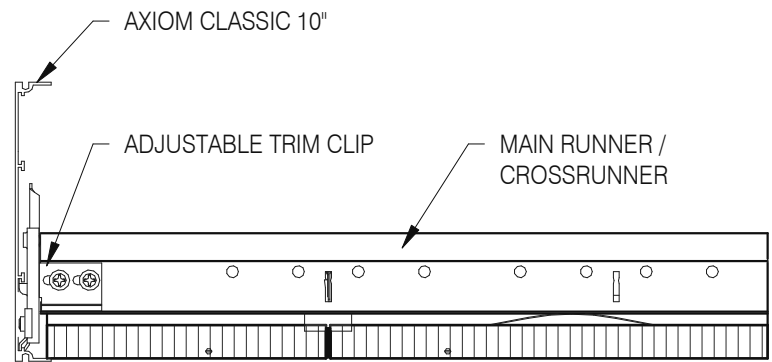
C:\Users\marcher\Documents\ARCH\_3\MO\_Caterville CA\_Mean St\_MSI\Detail\GPDGroup.rvt



**GYPSUM BOARD TRANSITION**

3" = 1'-0"

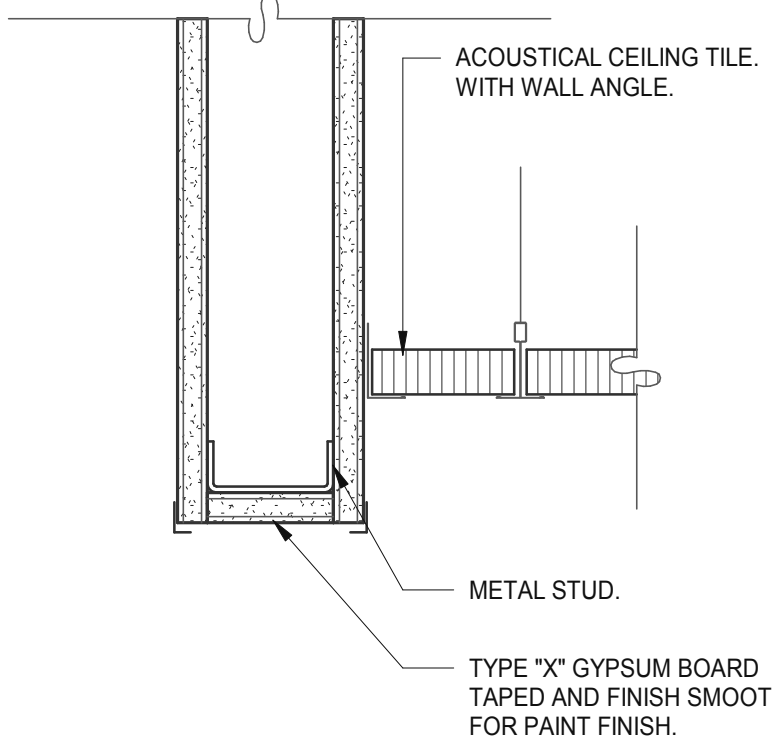
**17**



**ASSEMBLY CLIP-ON**

3" = 1'-0"

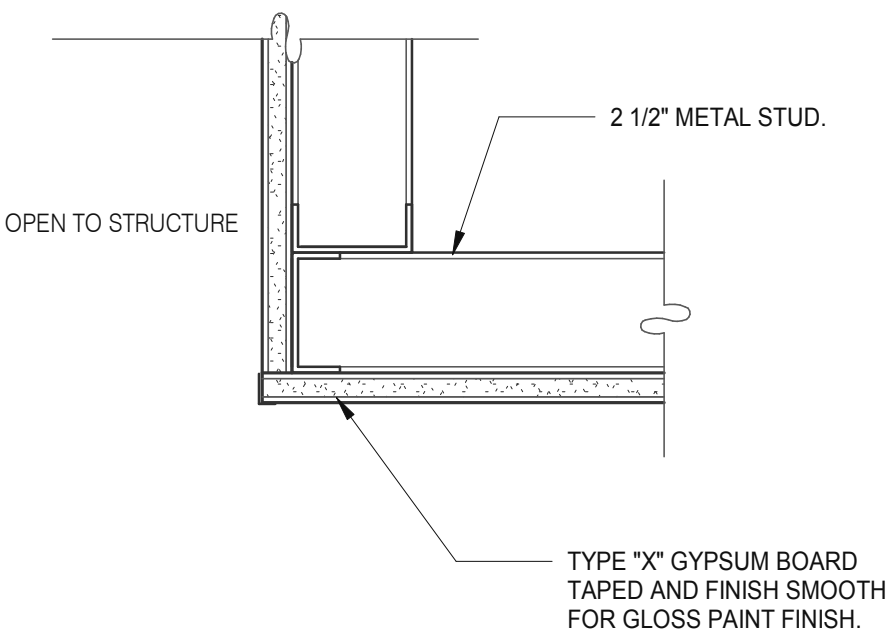
**13**



**CEILING HEADER TRANSITION**

3" = 1'-0"

**14**



**CEILING TRANSITION**

3" = 1'-0"

**11**

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

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

SUSPENDED  
CEILING GRID

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

LIGHT FIXTURE  
(LESS THAN 56 LBS.)

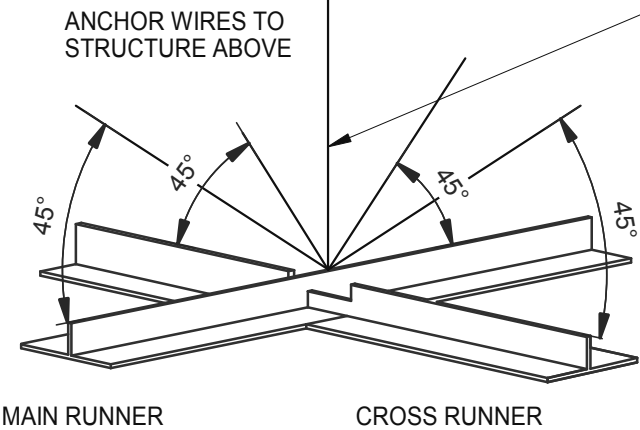
PROVIDE MINIMUM OF 2 SCREWS AT OPPOSIT CORNERS OF SUPPORT WIRES, OR SCREW ON T-BAR SAFETY CLIPS AT SIDES OR ENDS.

**LIGHT FIXTURE @ SUSP. CLNG.**

12" = 1'-0"

**8**

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.



MAIN RUNNER

CROSS RUNNER

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

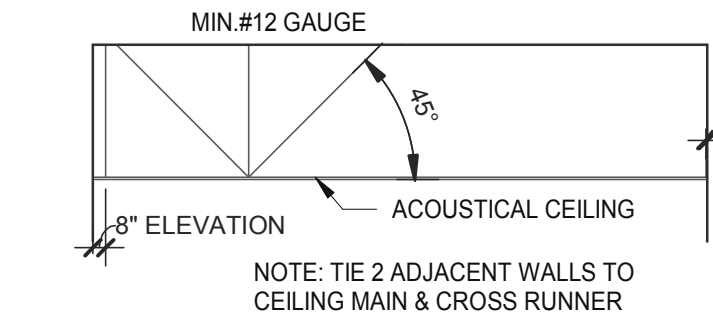
AT OPEN GRID: VERTICAL SUSPENSION WITH THREADED ROD PER OTHER DETAILS.

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

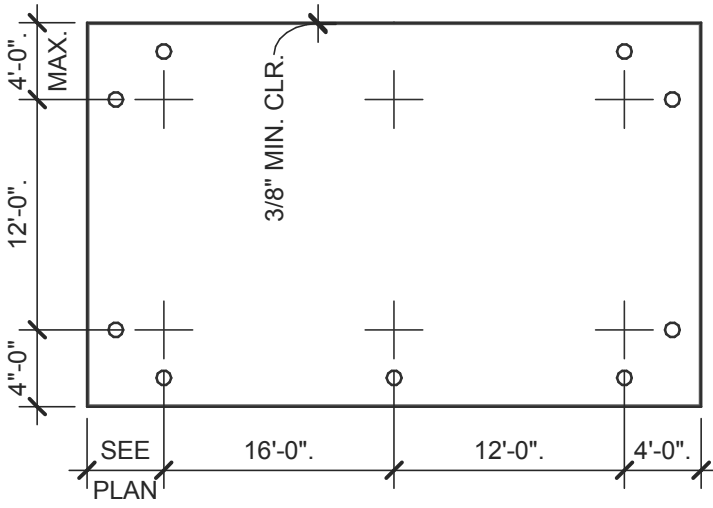
**SUSPENDED ACOUSTICAL CEILING**

3" = 1'-0"

**9**



NOTE: TIE 2 ADJACENT WALLS TO CEILING MAIN & CROSS RUNNER

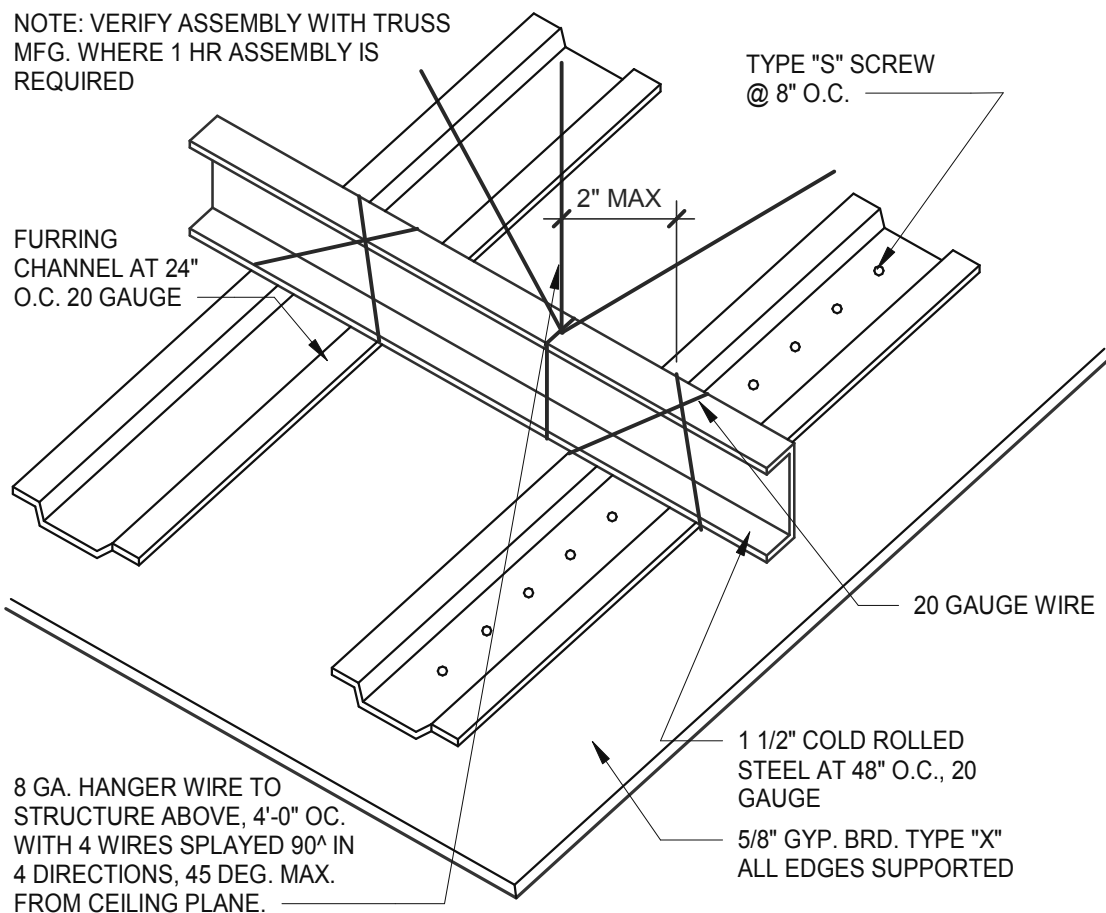


CEILING GRID USES #12 GAUGE SPLAY WIRE HANGERS AT 45 DEG. AND 90 DEG. TO EACH OTHER (4 WIRES) BEGINNING 48" FROM STARTING POINT OF GRID AND TILE LAYOUT AND IN BOTH DIRECTIONS AT 12'-0" THEREAFTER ALL CLEARANCES. TIES TO WALL, ETC. TO CONFORM TO STATE & LOCAL CODES.

**SUSPENDED CEILING GRID**

12" = 1'-0"

**10**



8 GA. HANGER WIRE TO STRUCTURE ABOVE, 4'-0" O.C. WITH 4 WIRES SPLAYED 90° IN 4 DIRECTIONS, 45 DEG. MAX. FROM CEILING PLANE.

**GYPSUM BOARD CEILING**

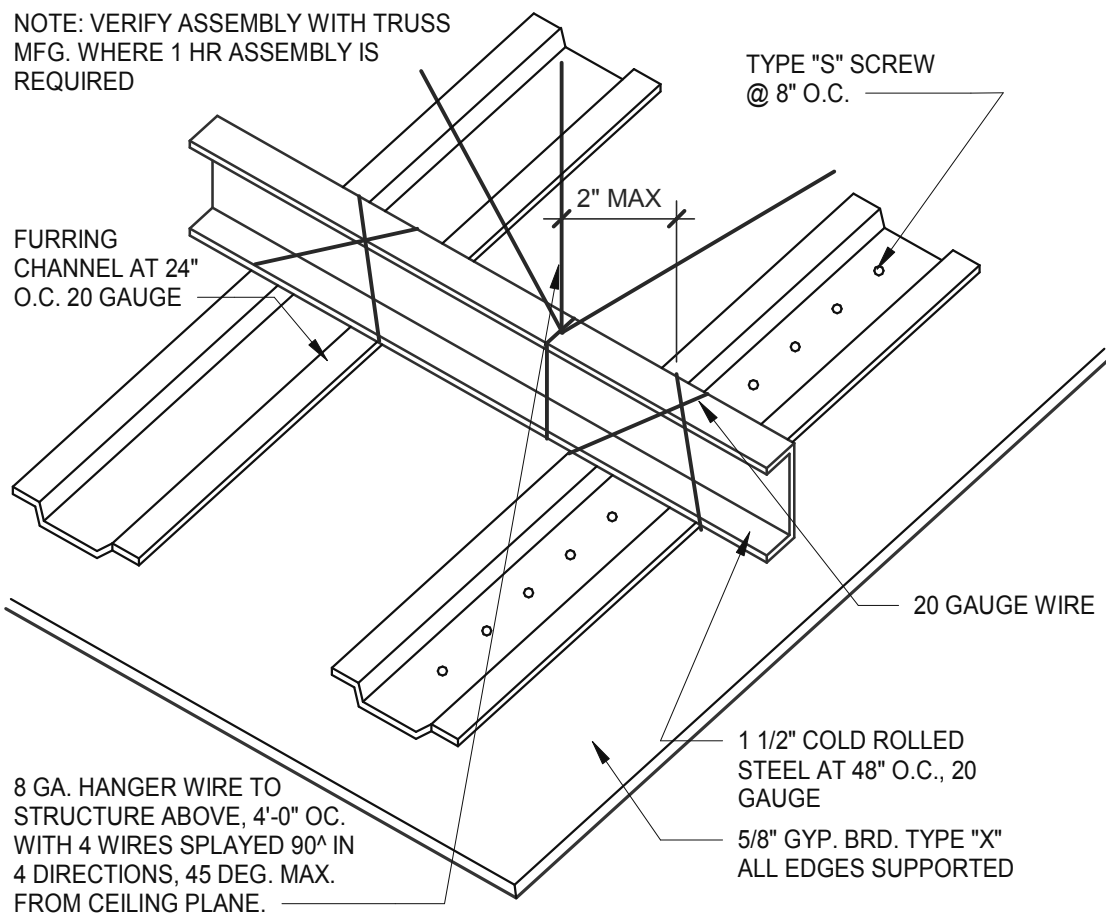
3" = 1'-0"

**6**

**CEILING HEADER TRANSITION**

3" = 1'-0"

**5**

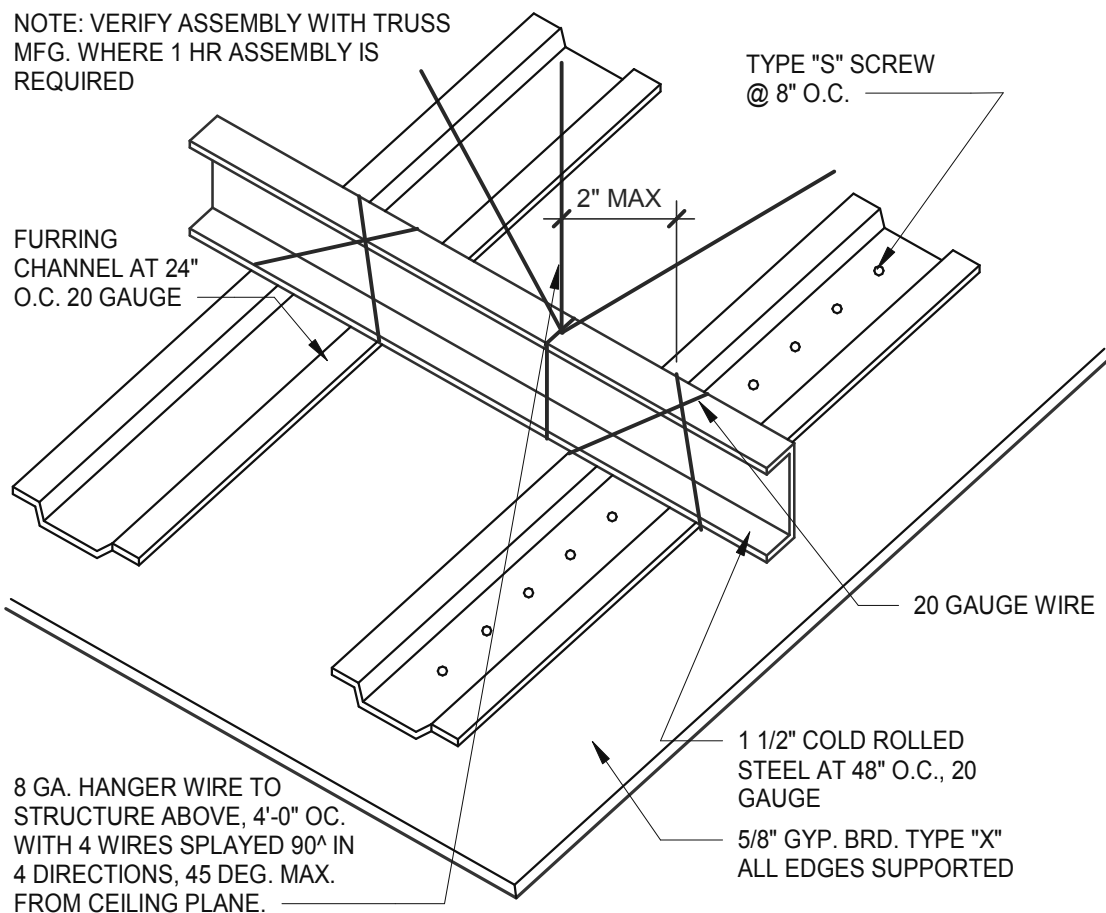


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**GYPSUM BOARD CEILING**

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**6**

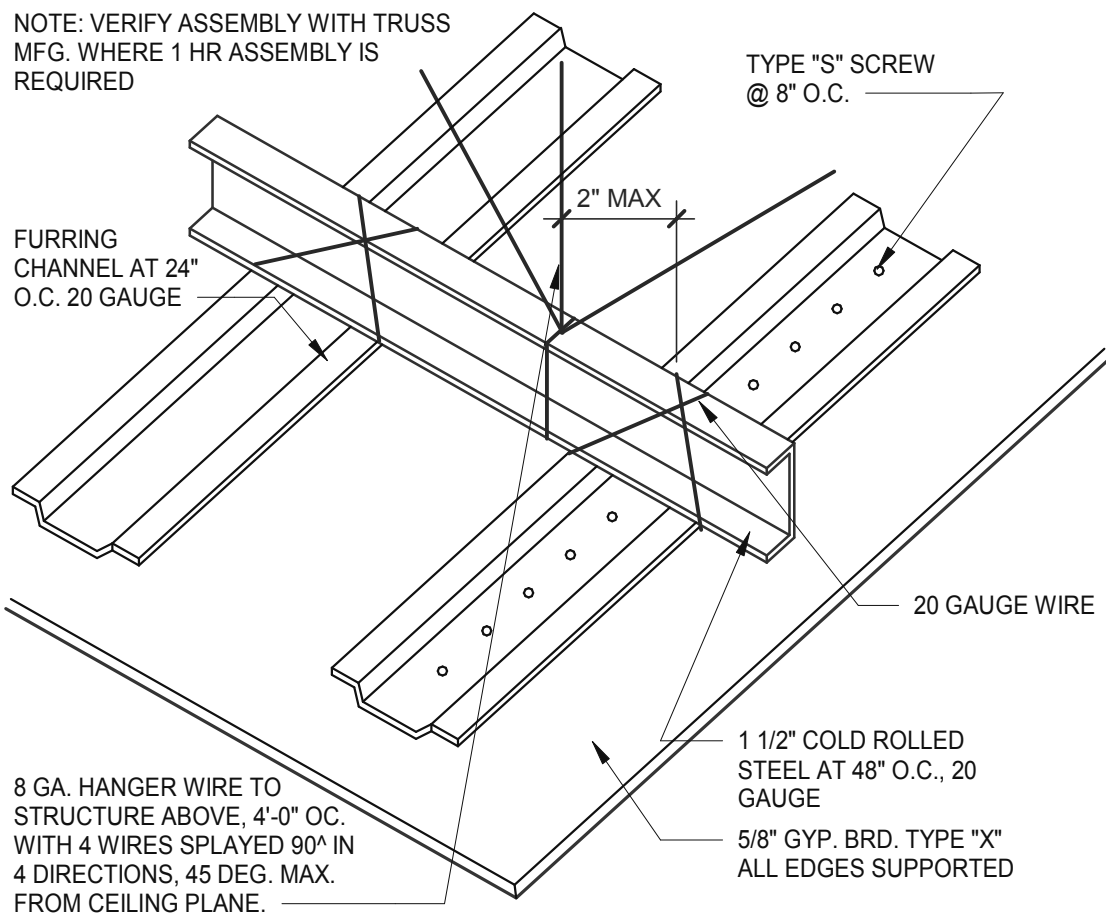


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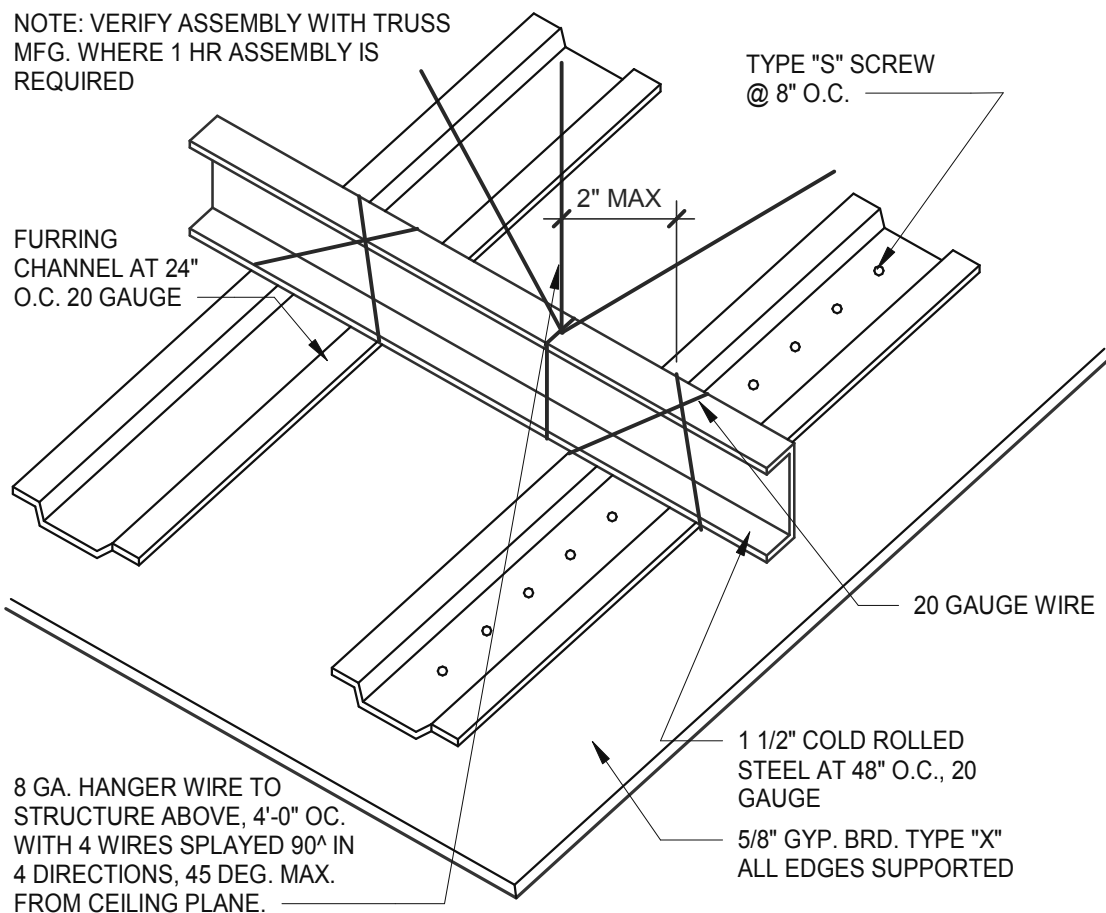


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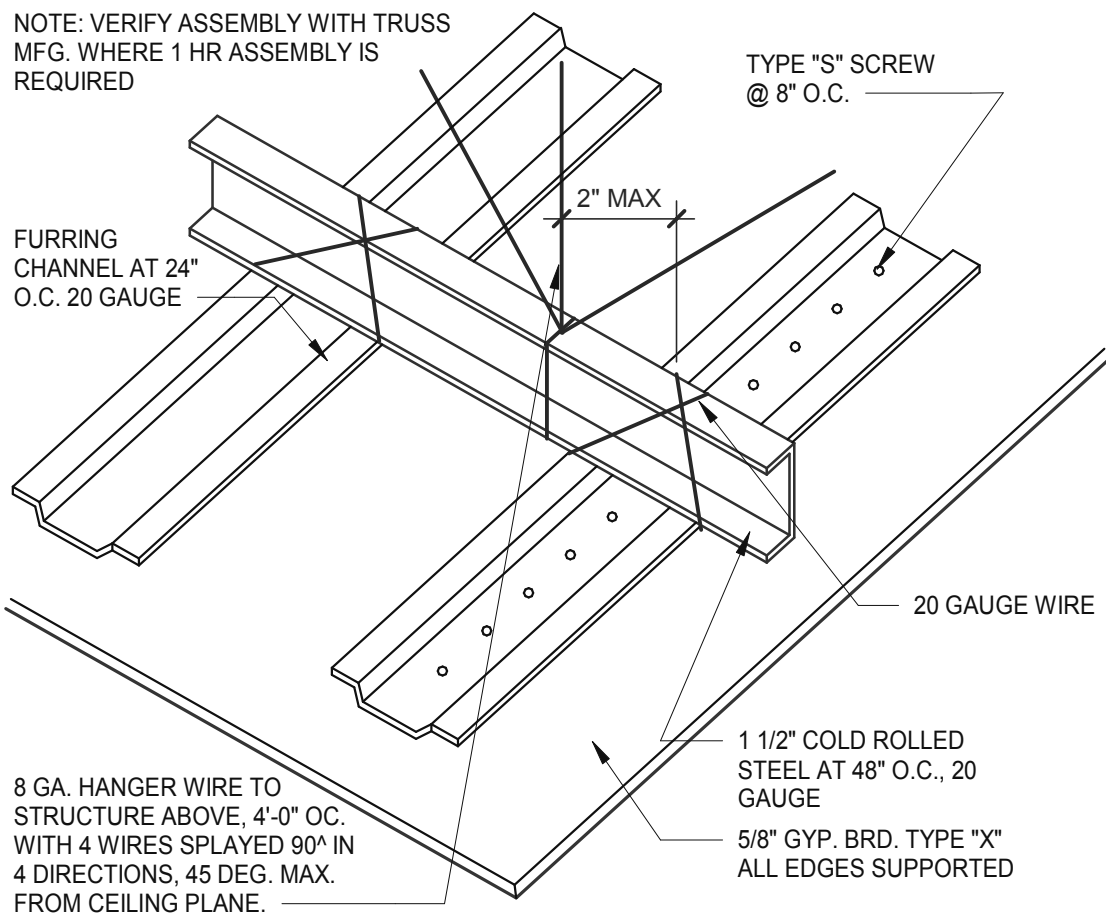


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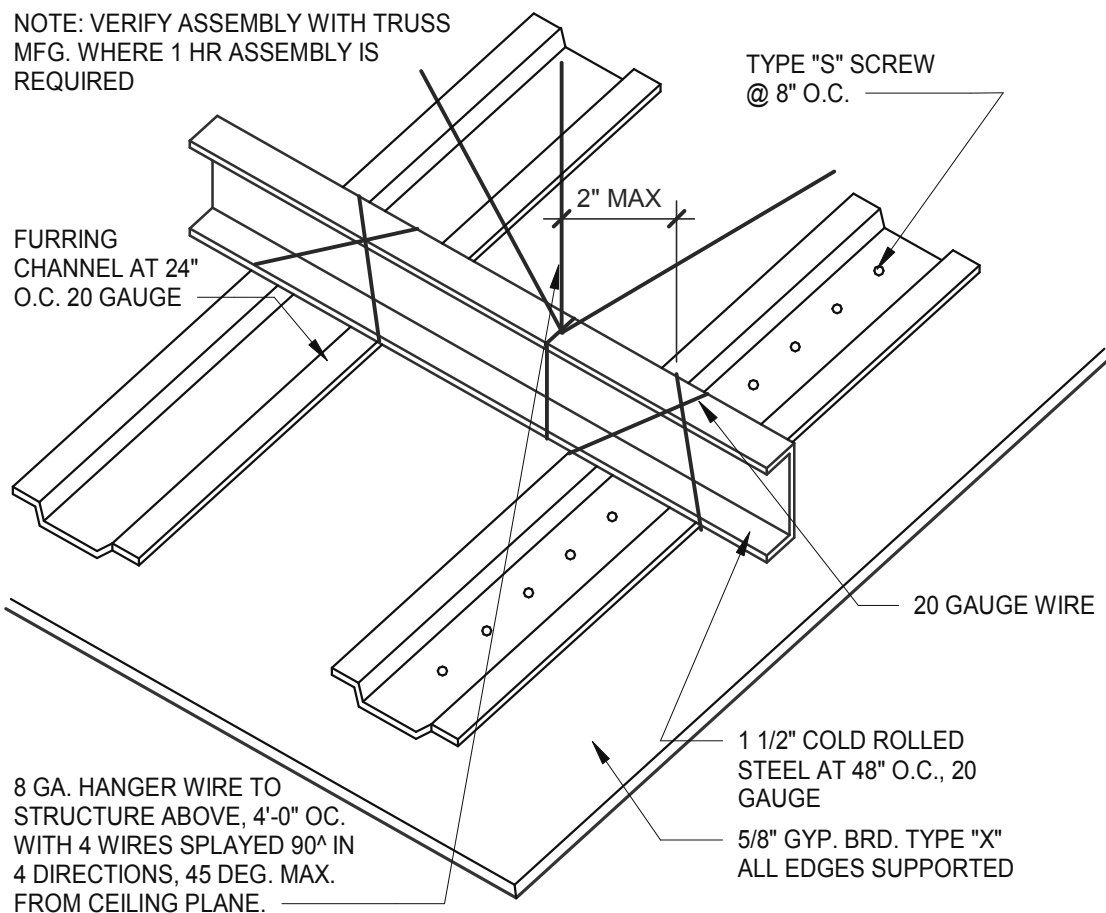


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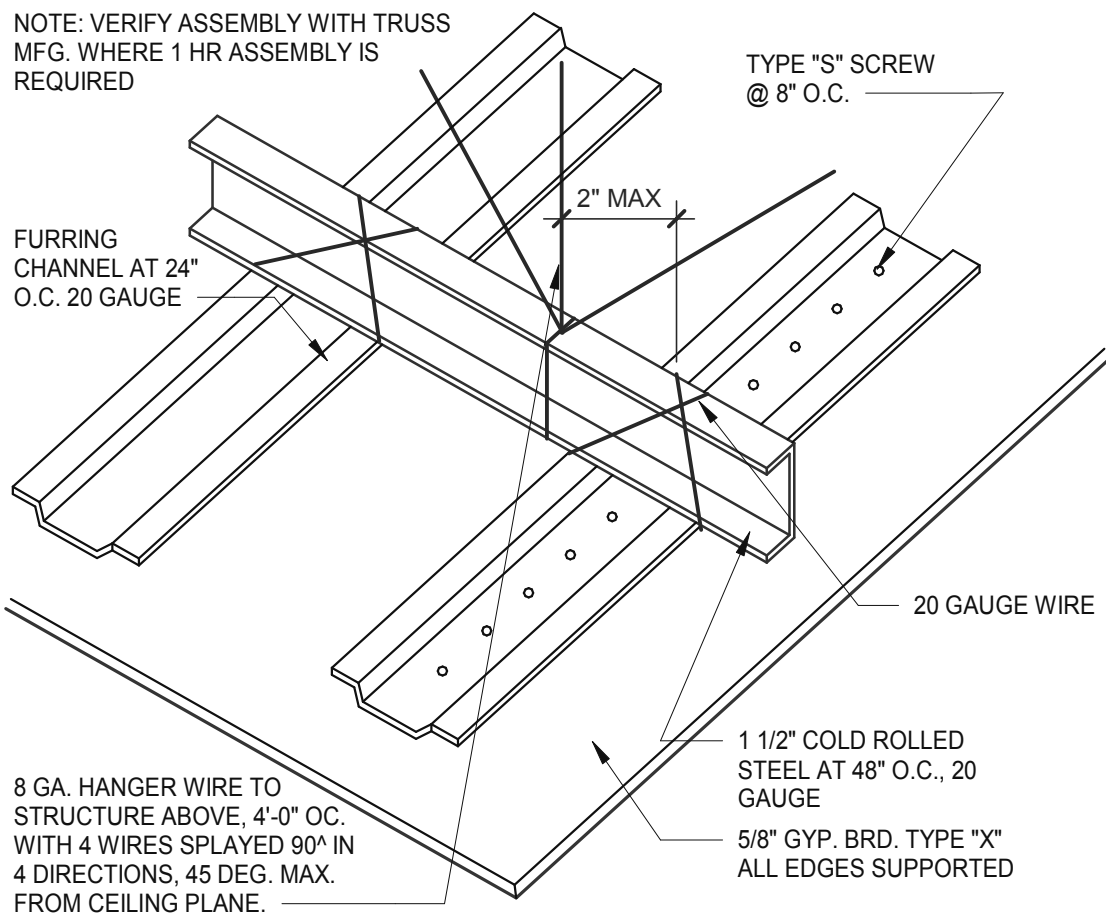


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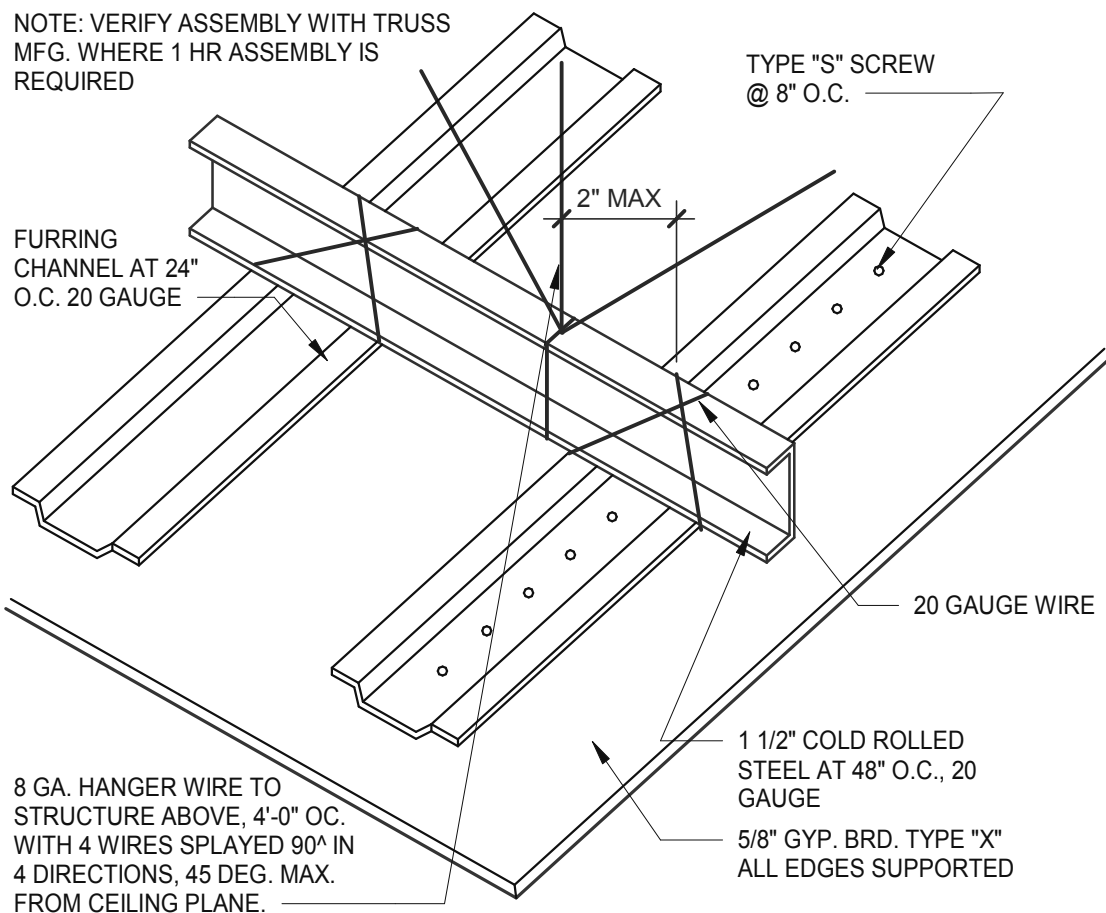


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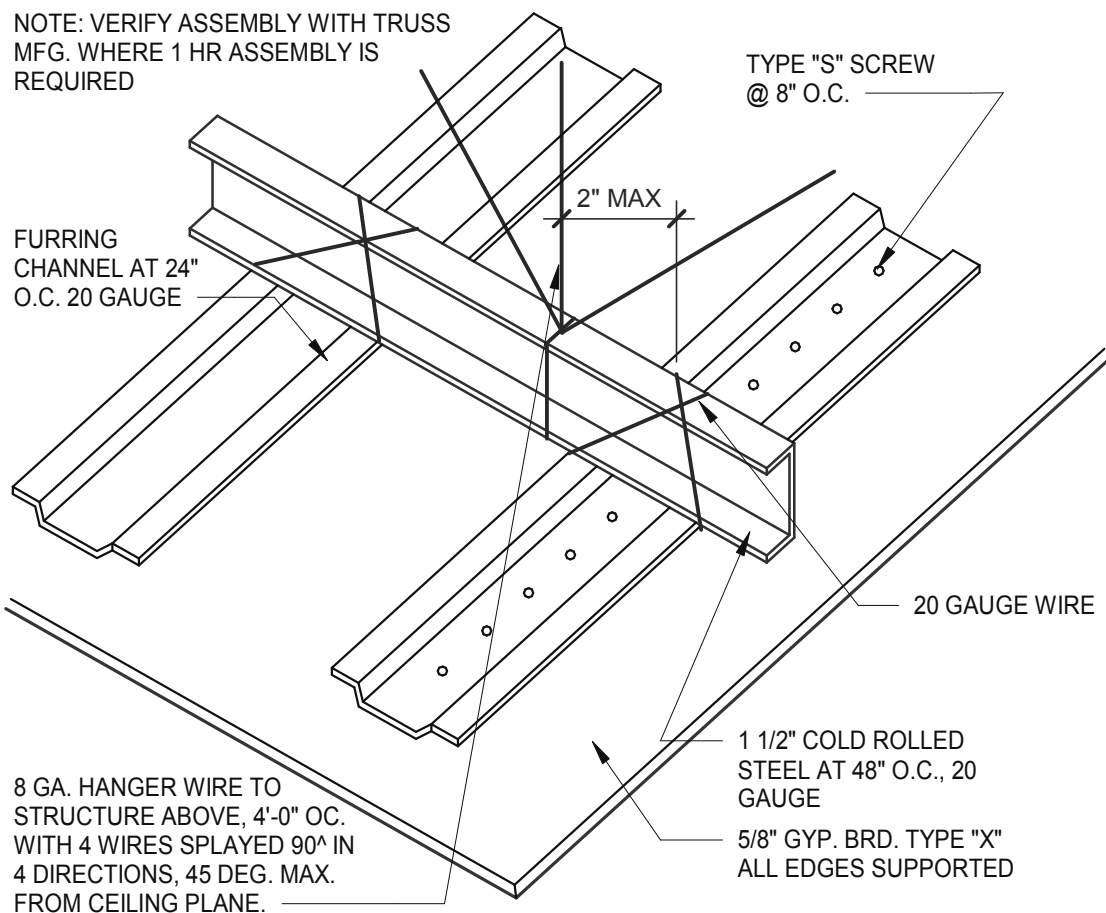


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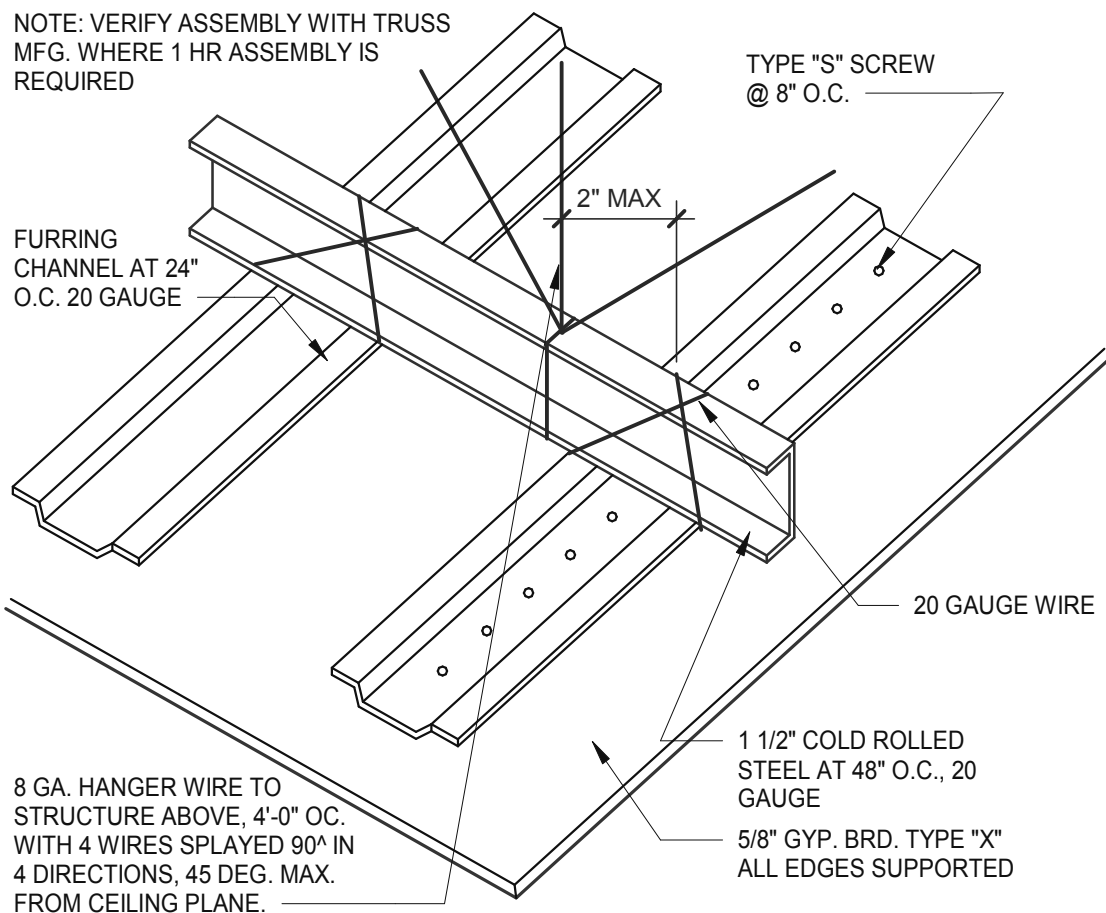


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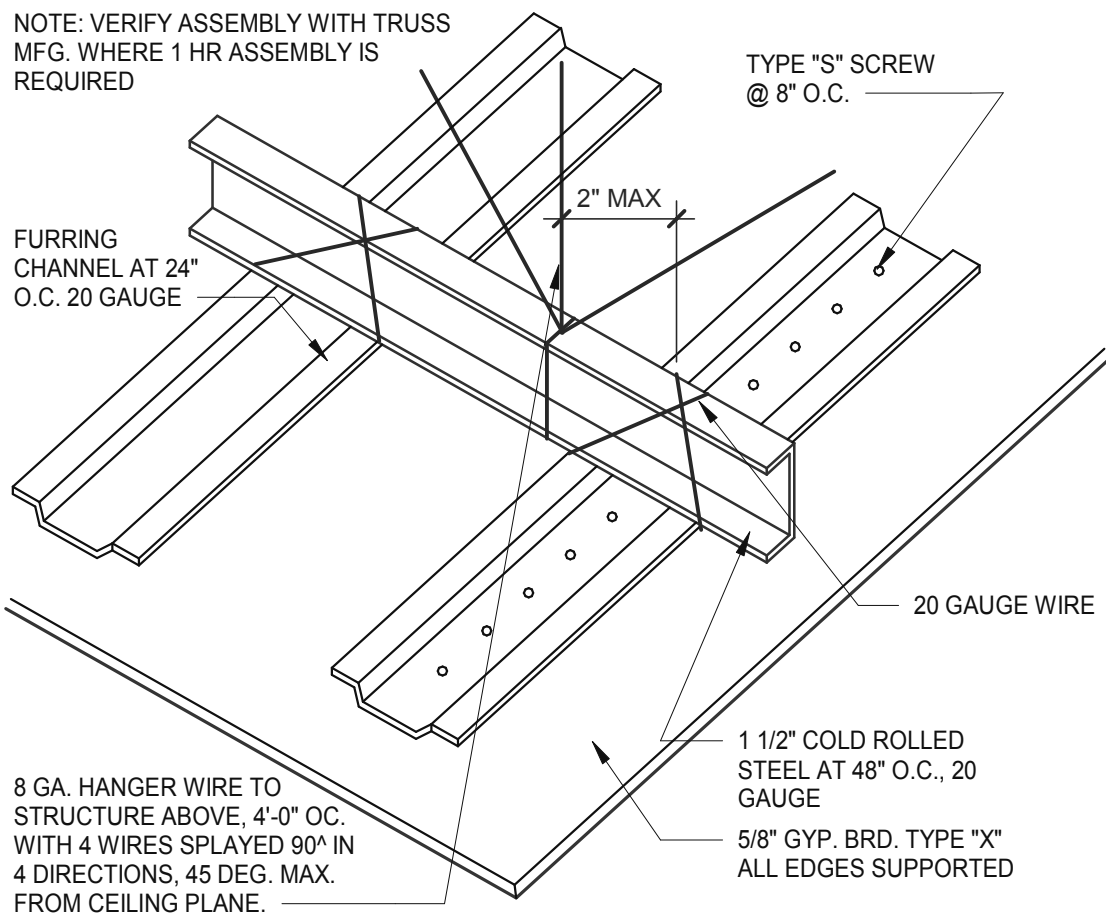


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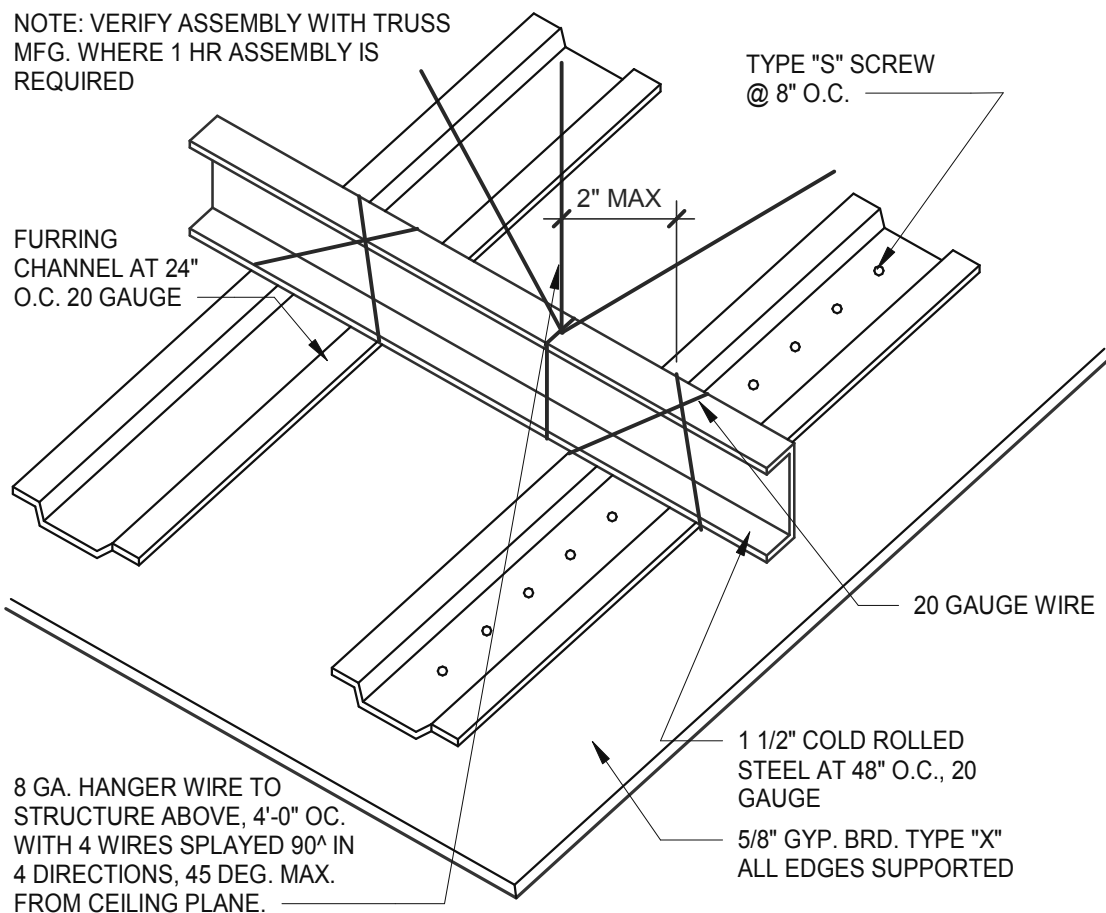


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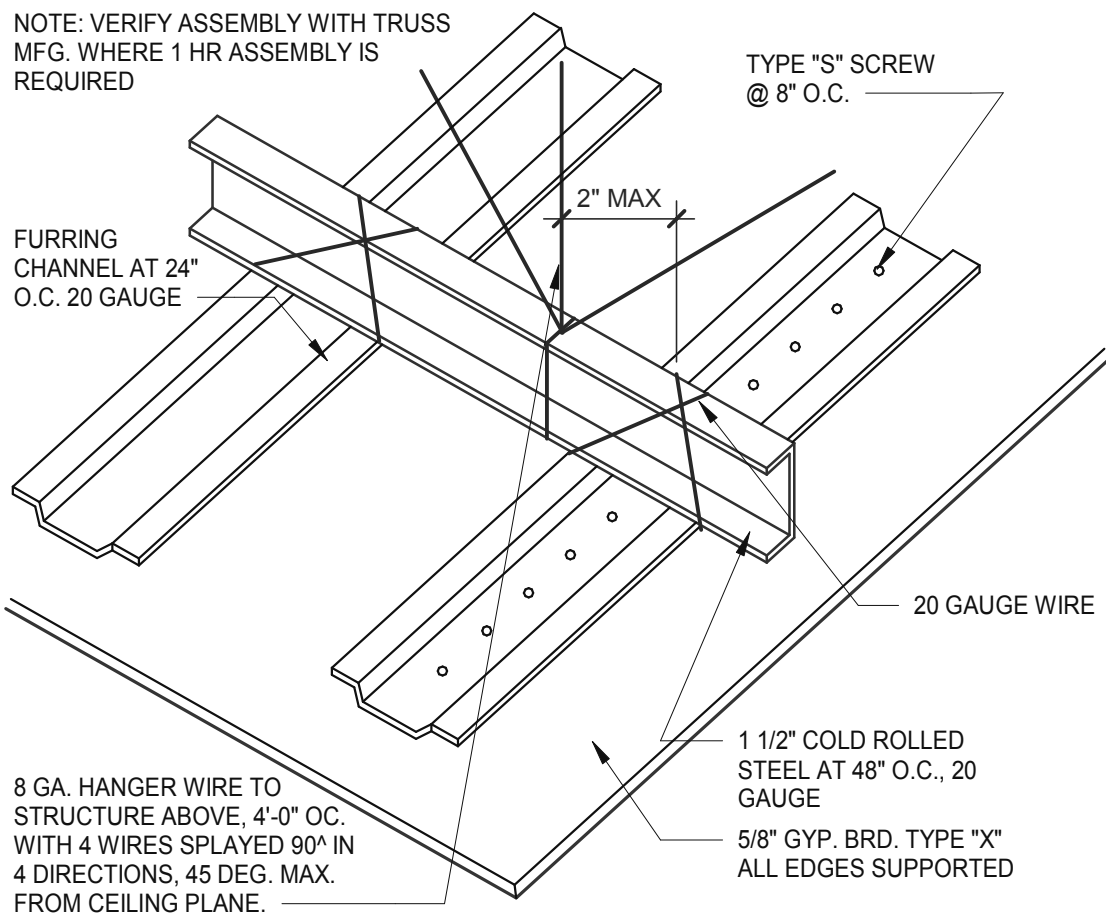


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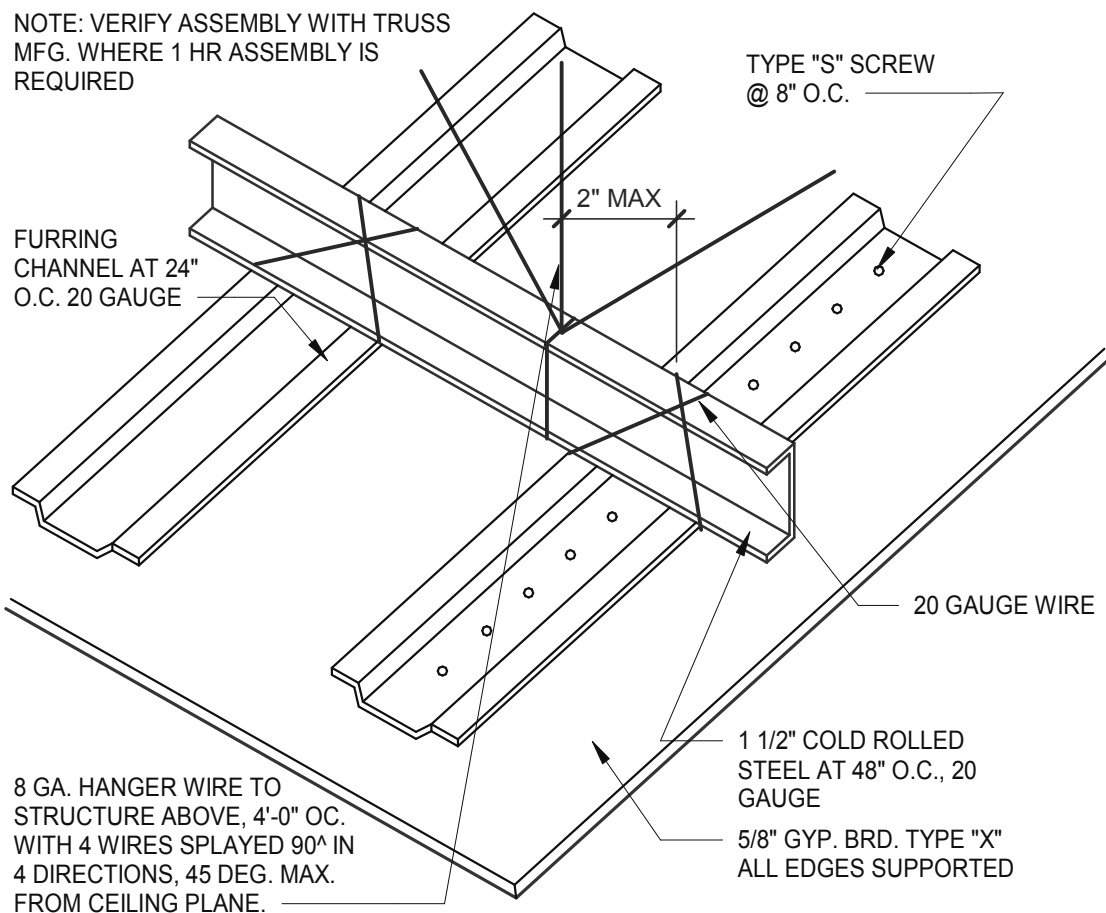


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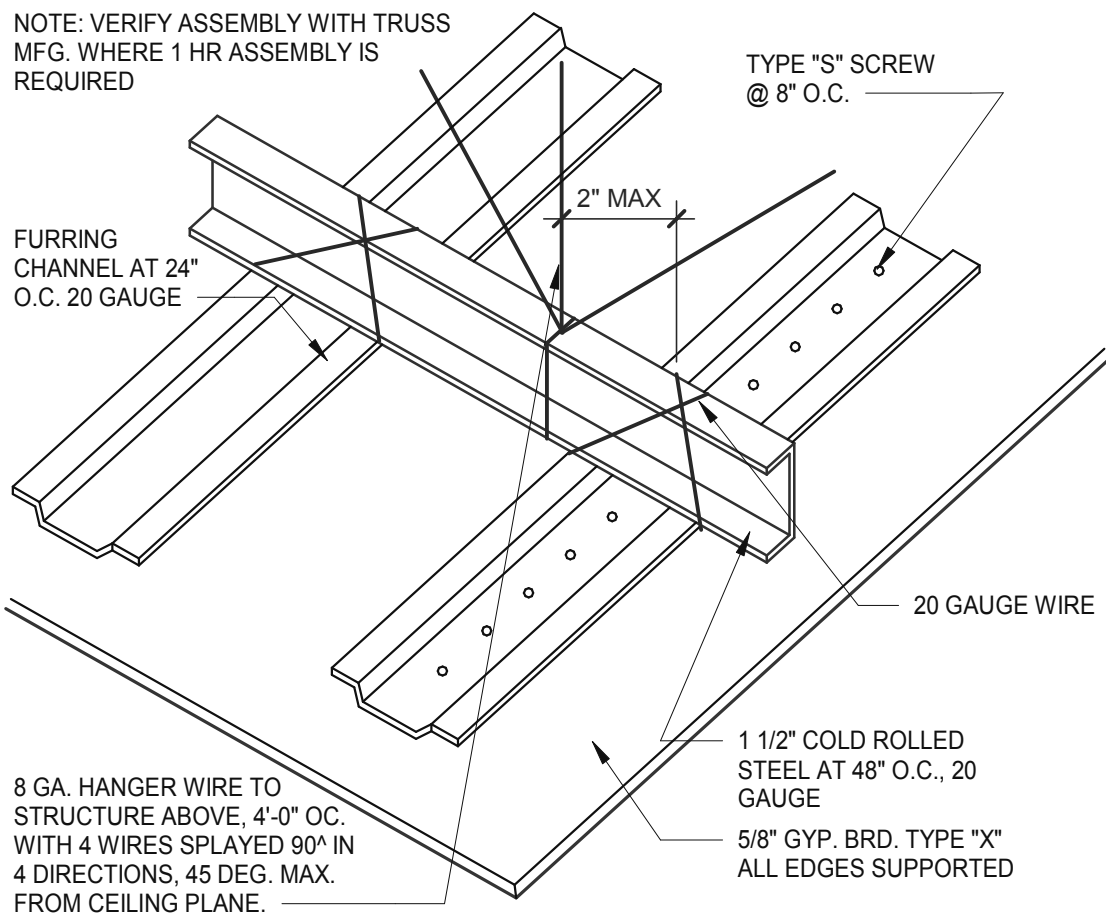


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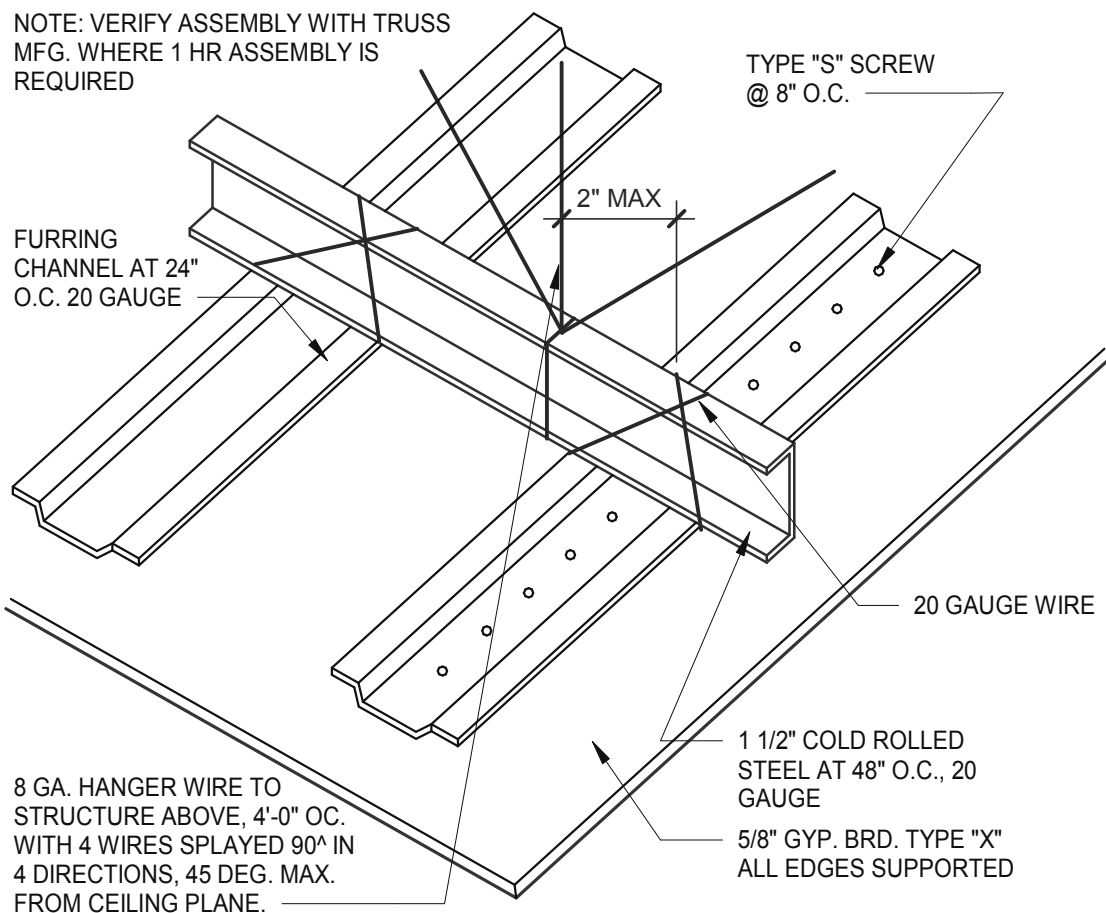


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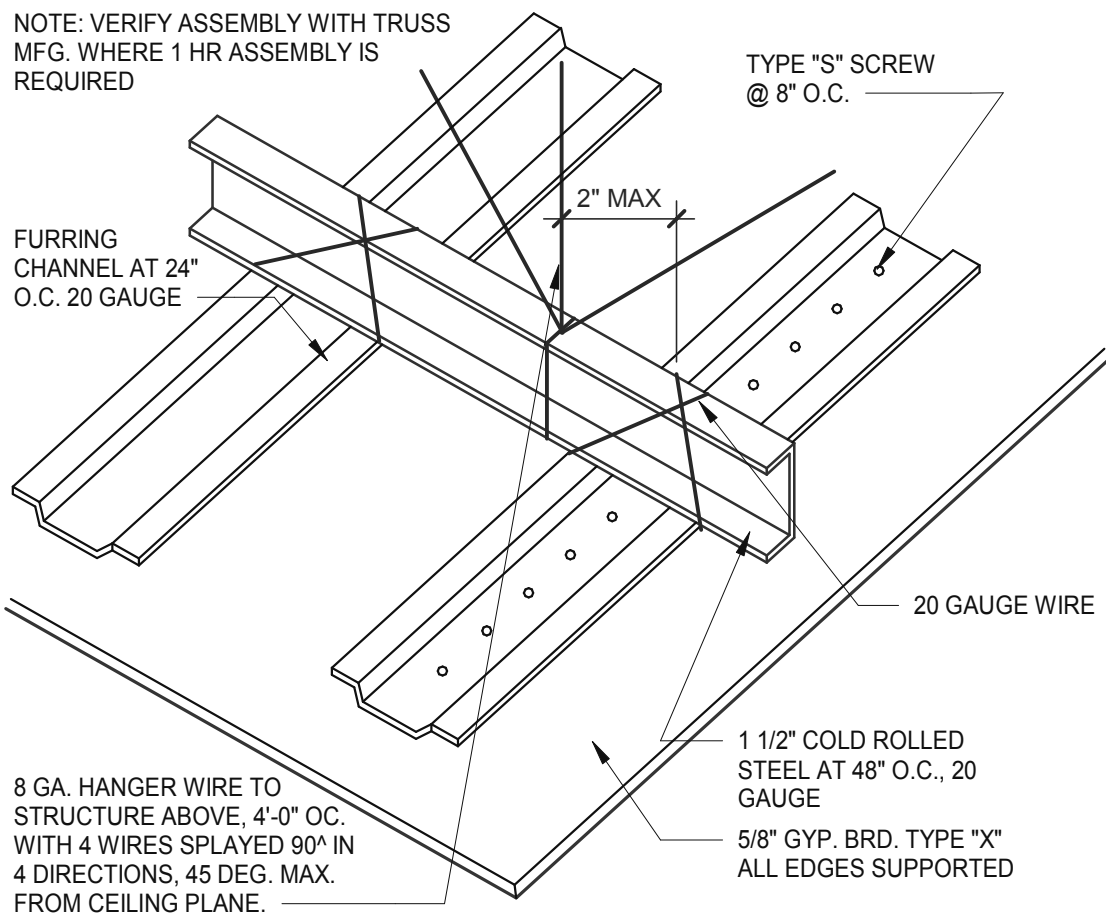


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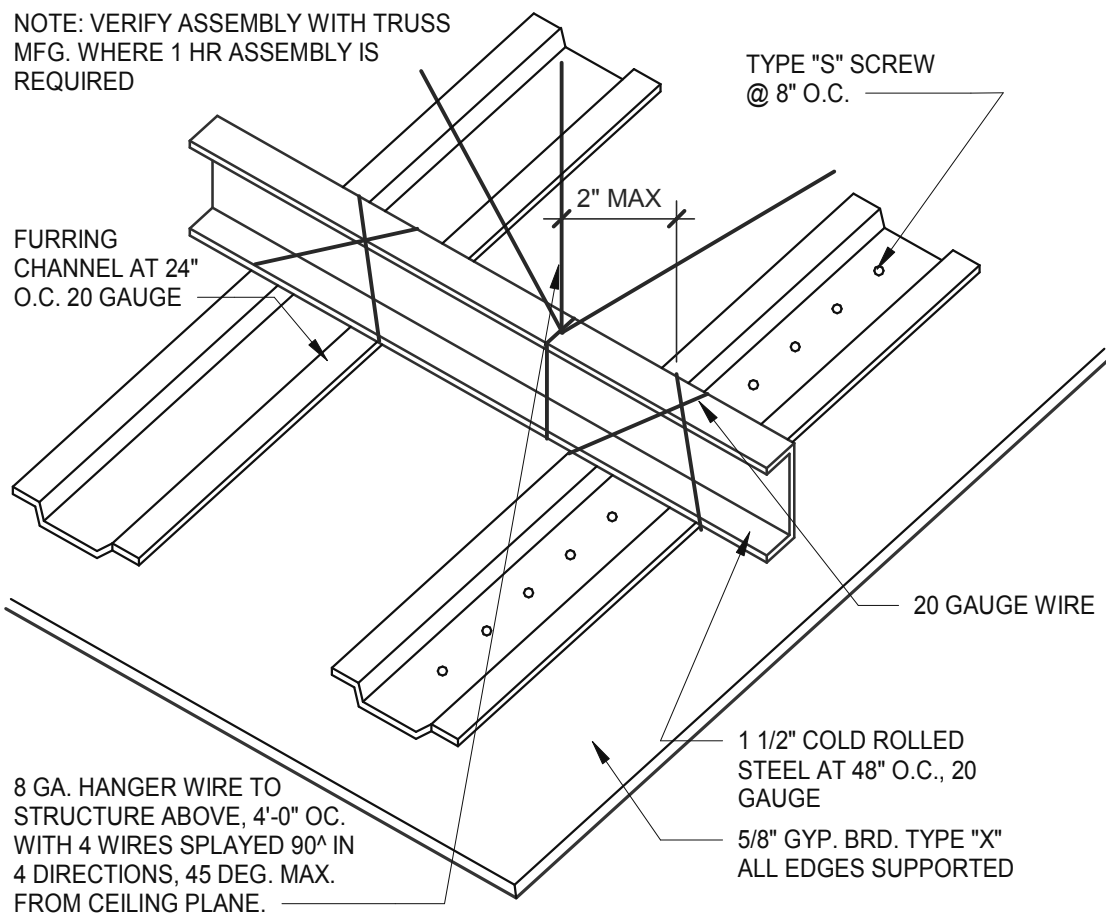


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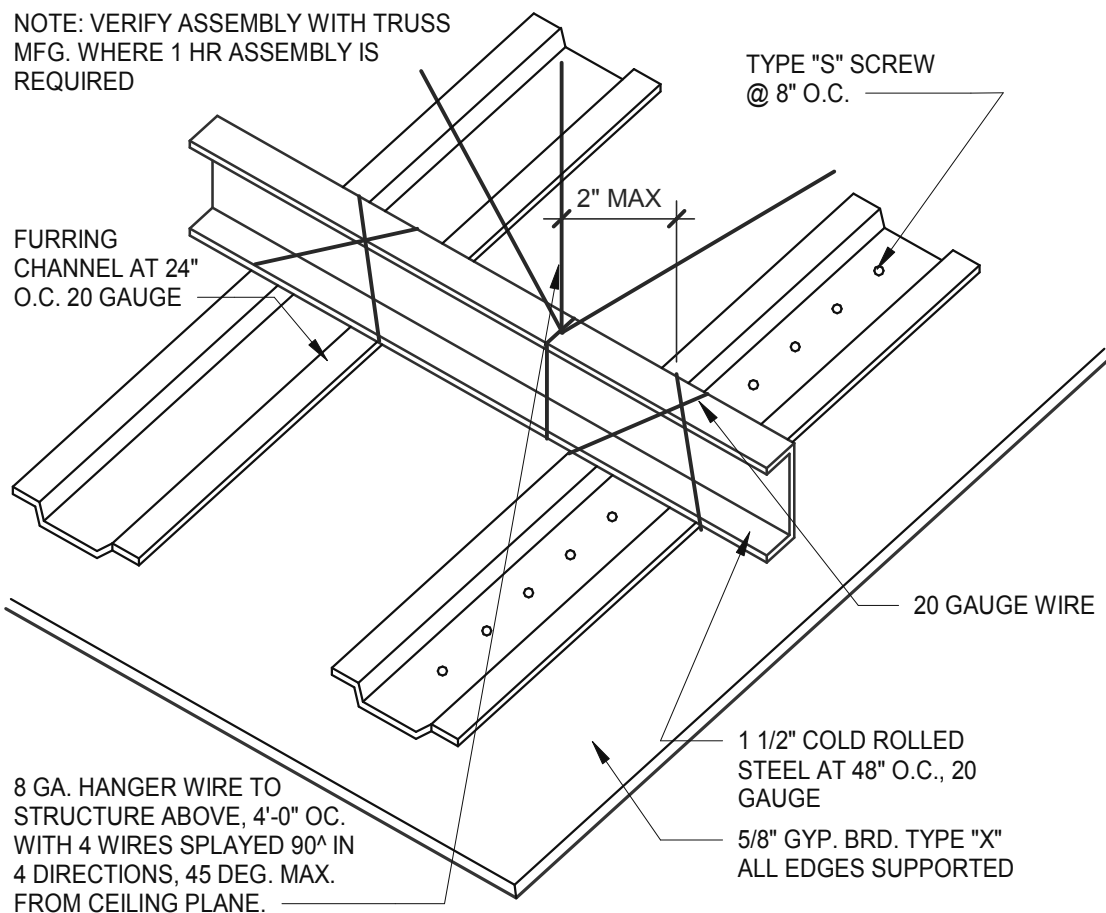


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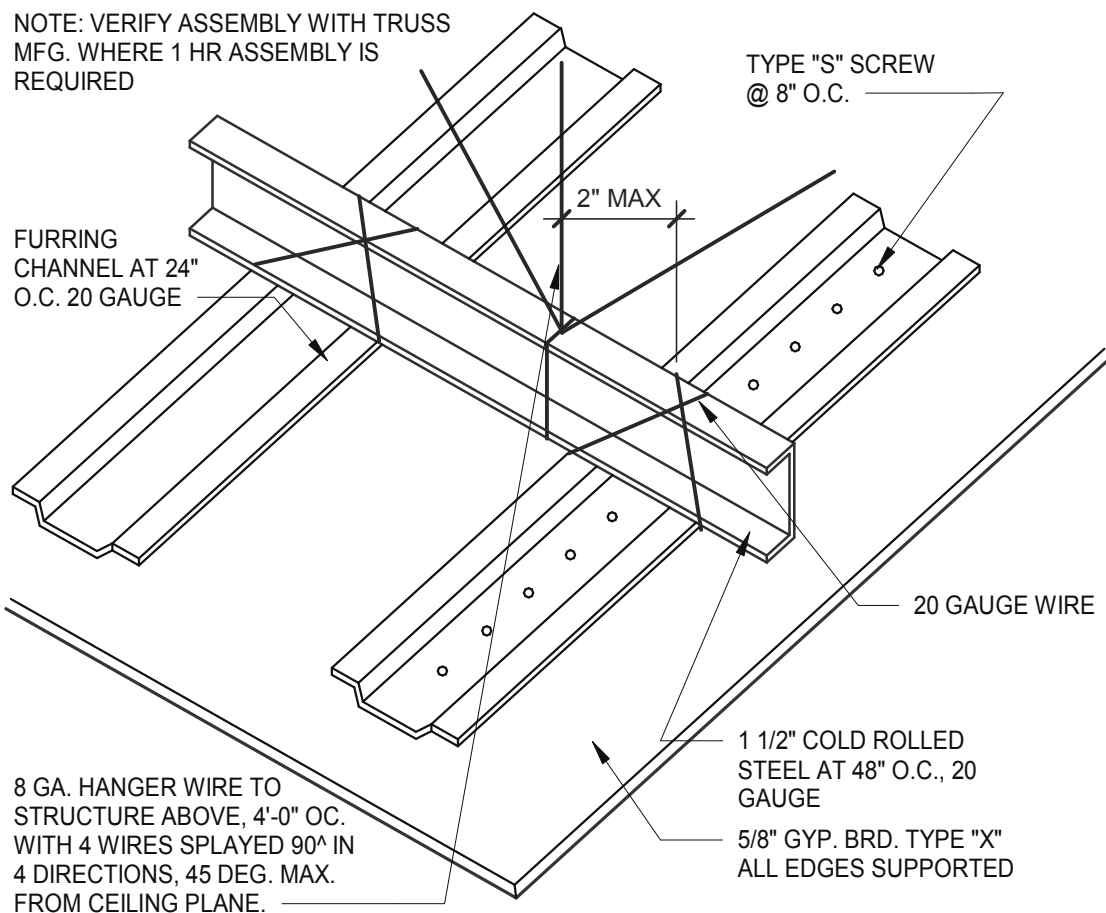


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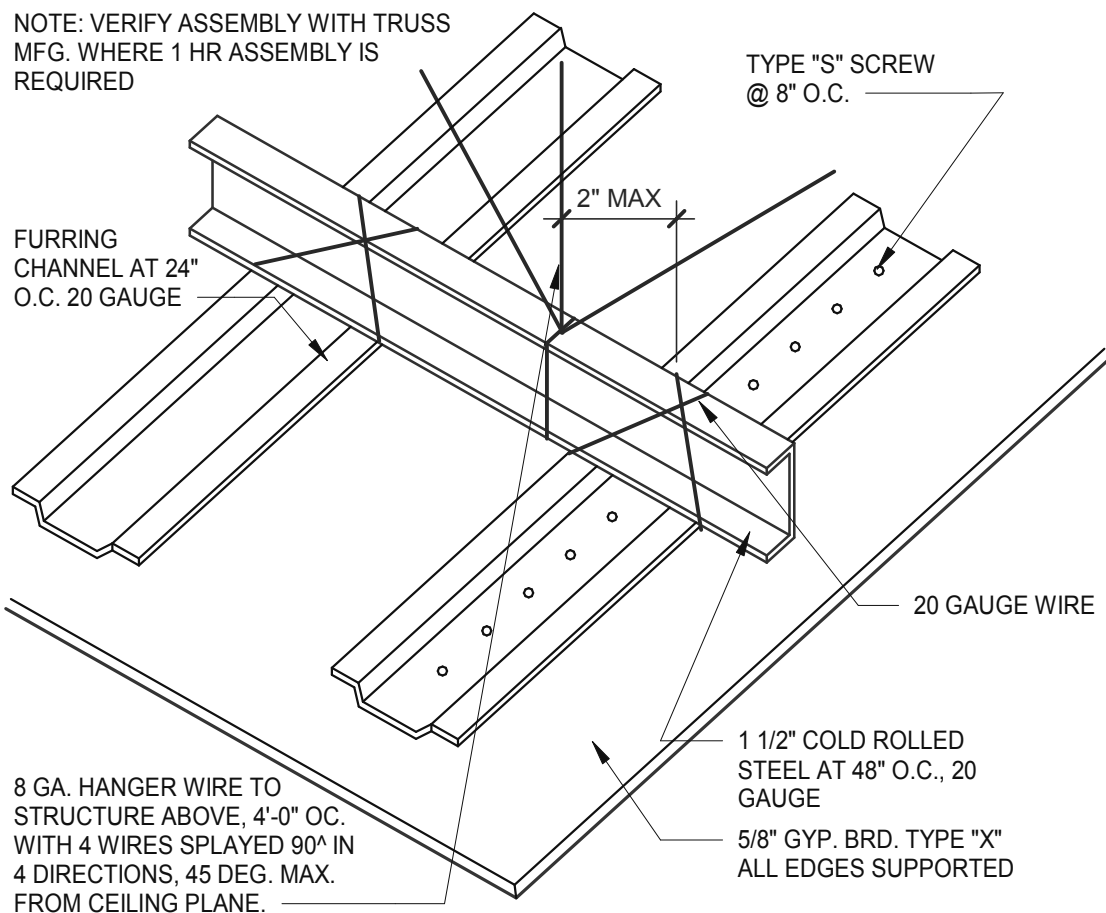


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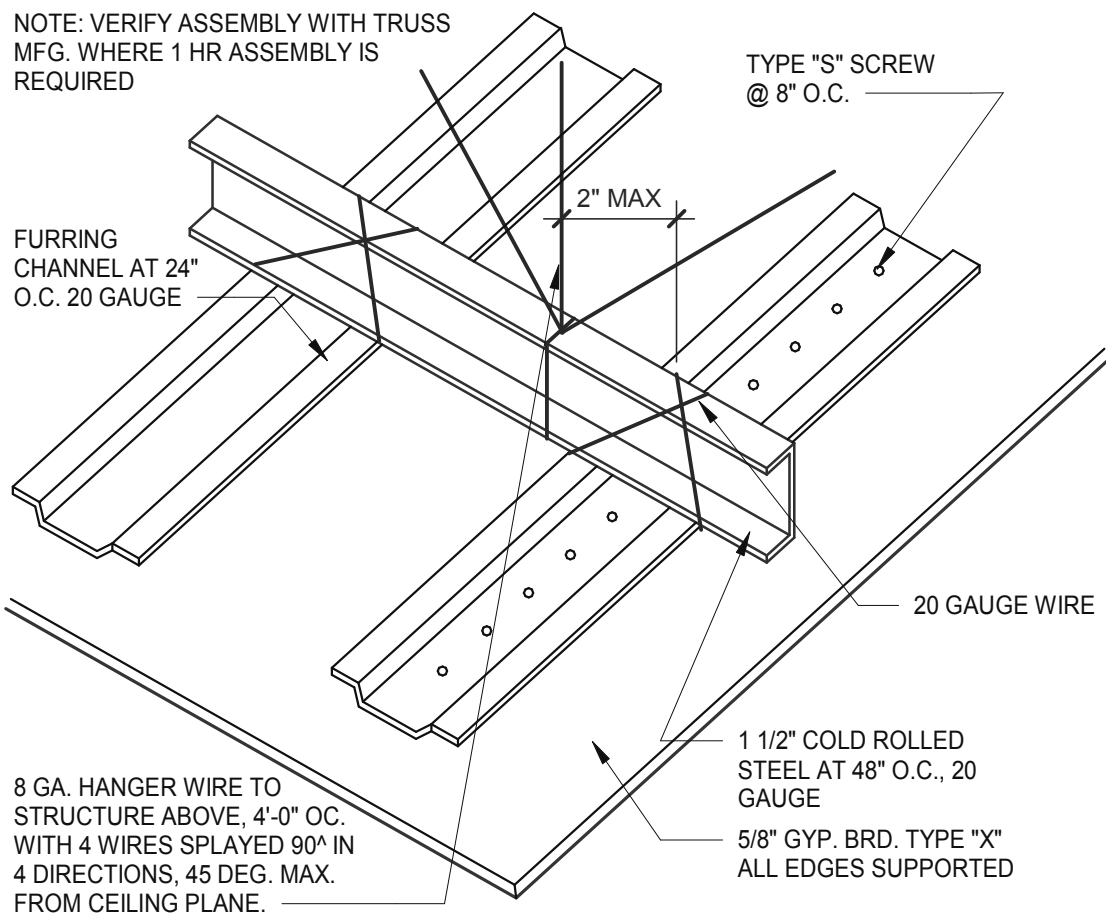


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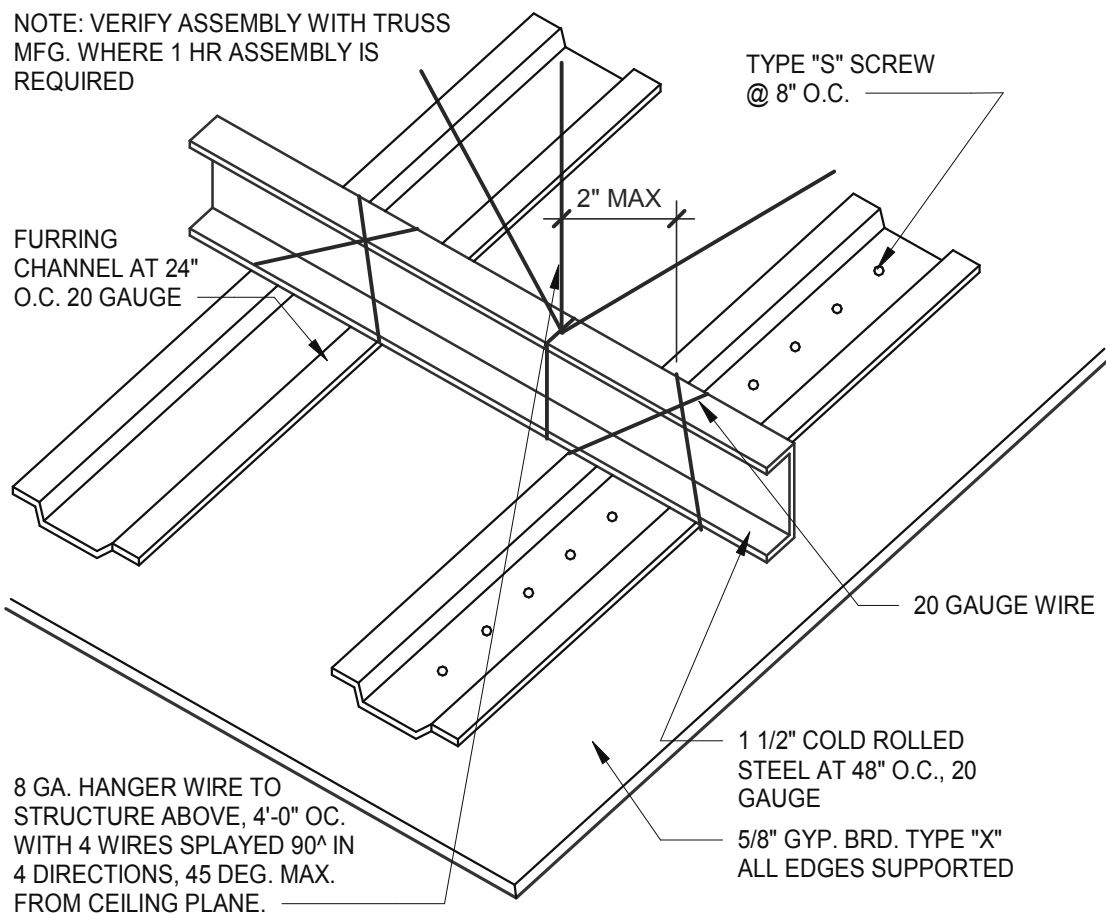


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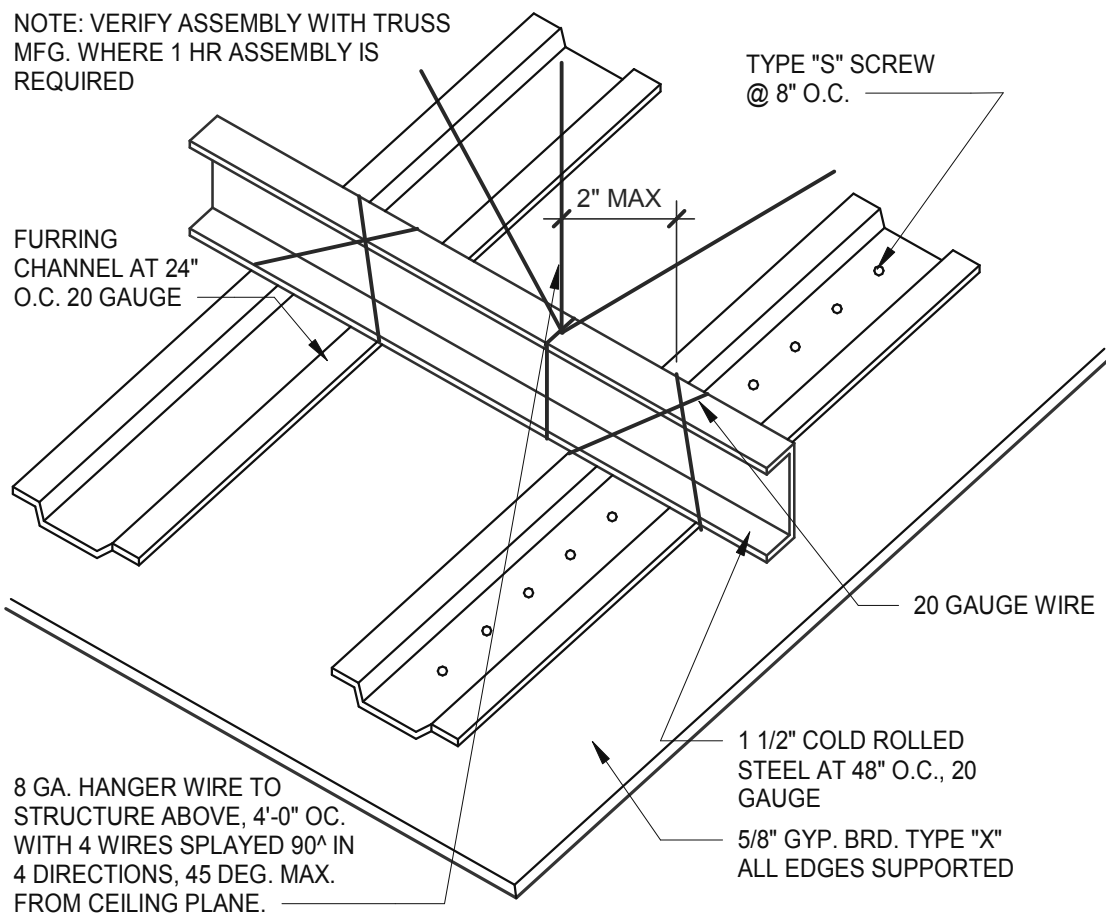


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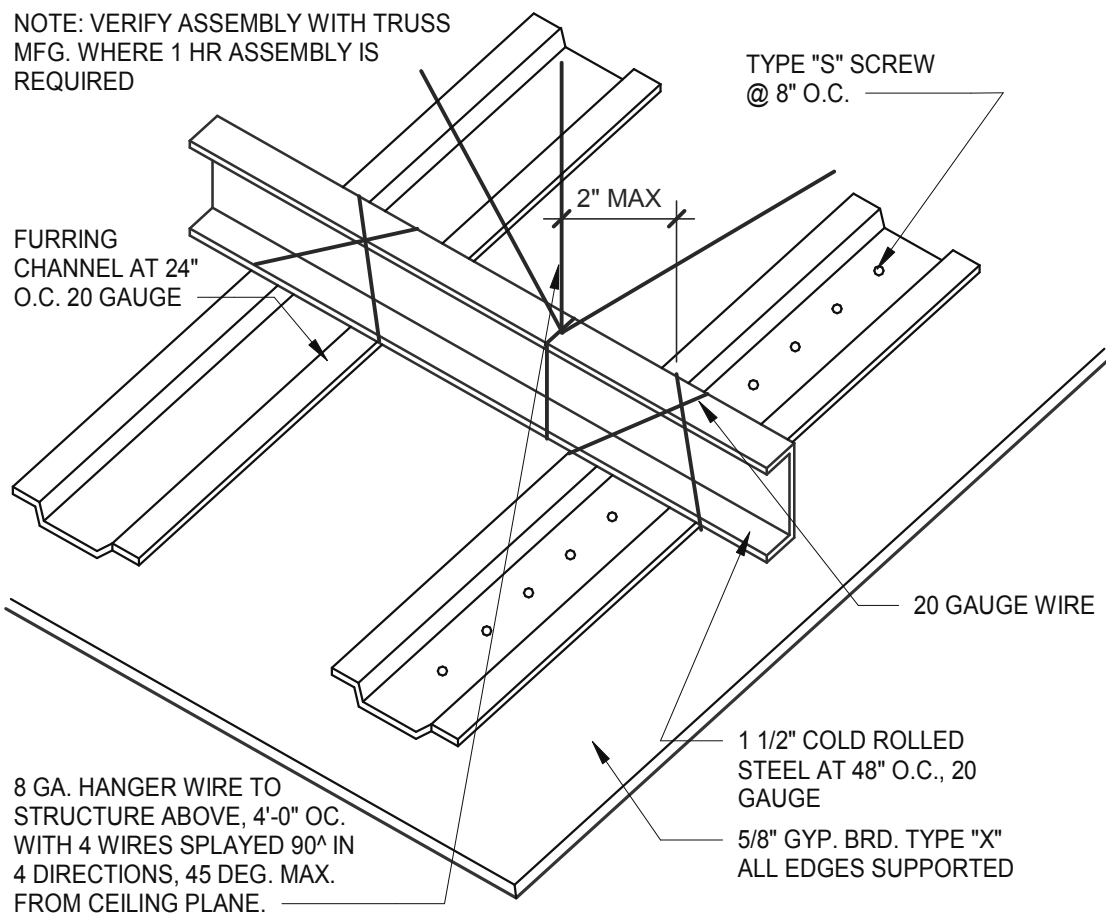


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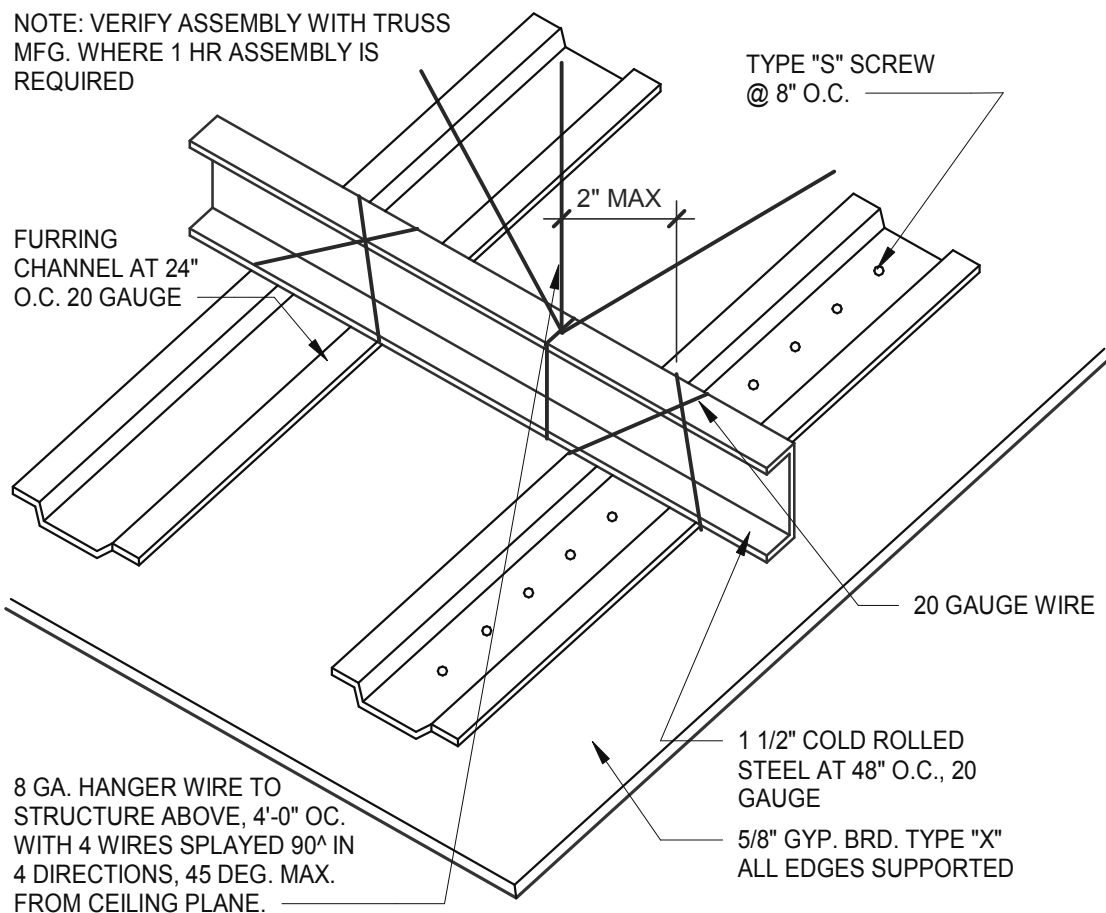


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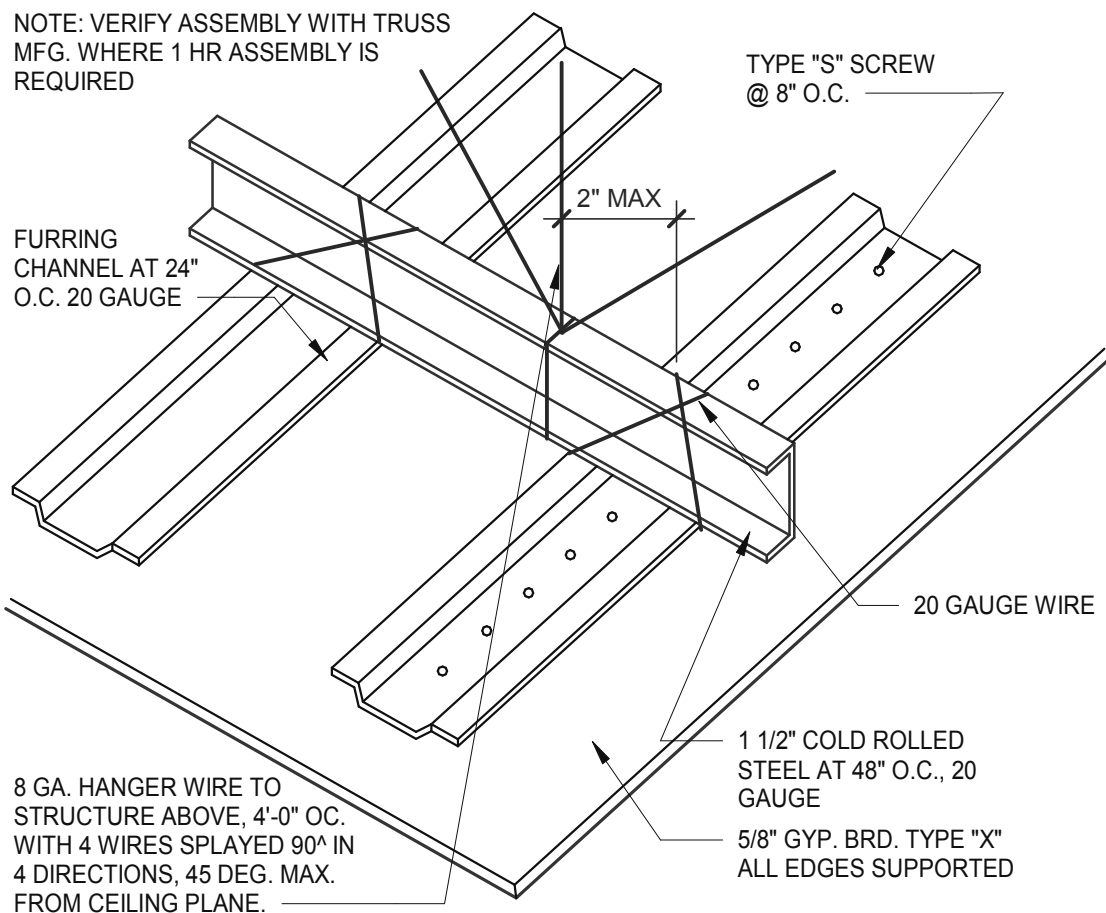


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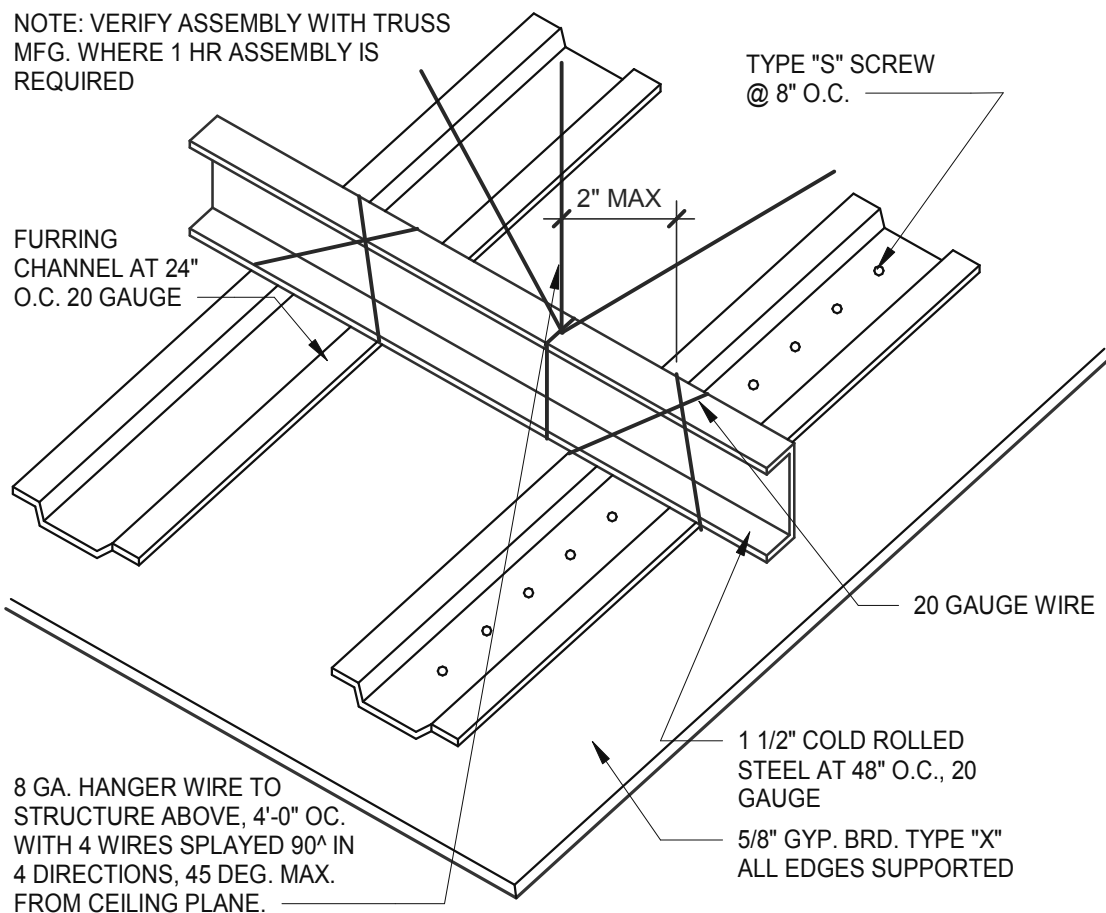


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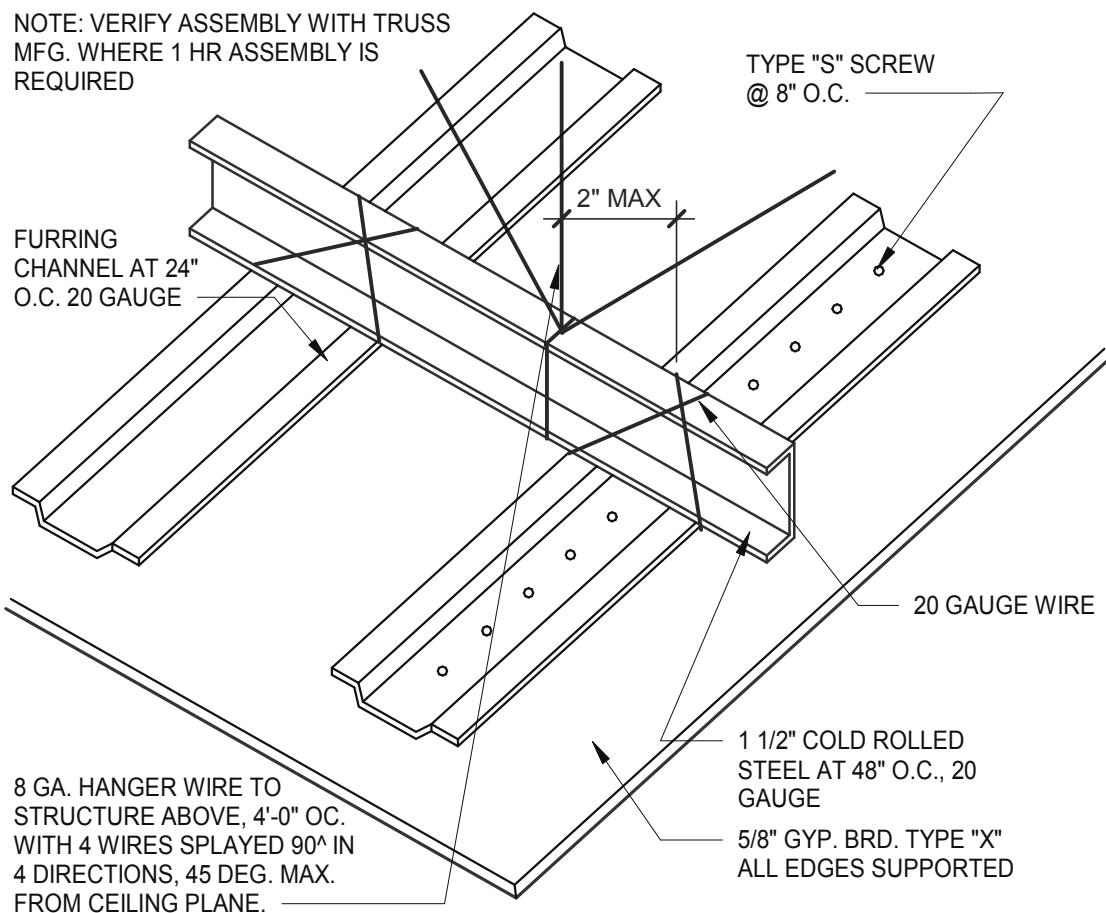


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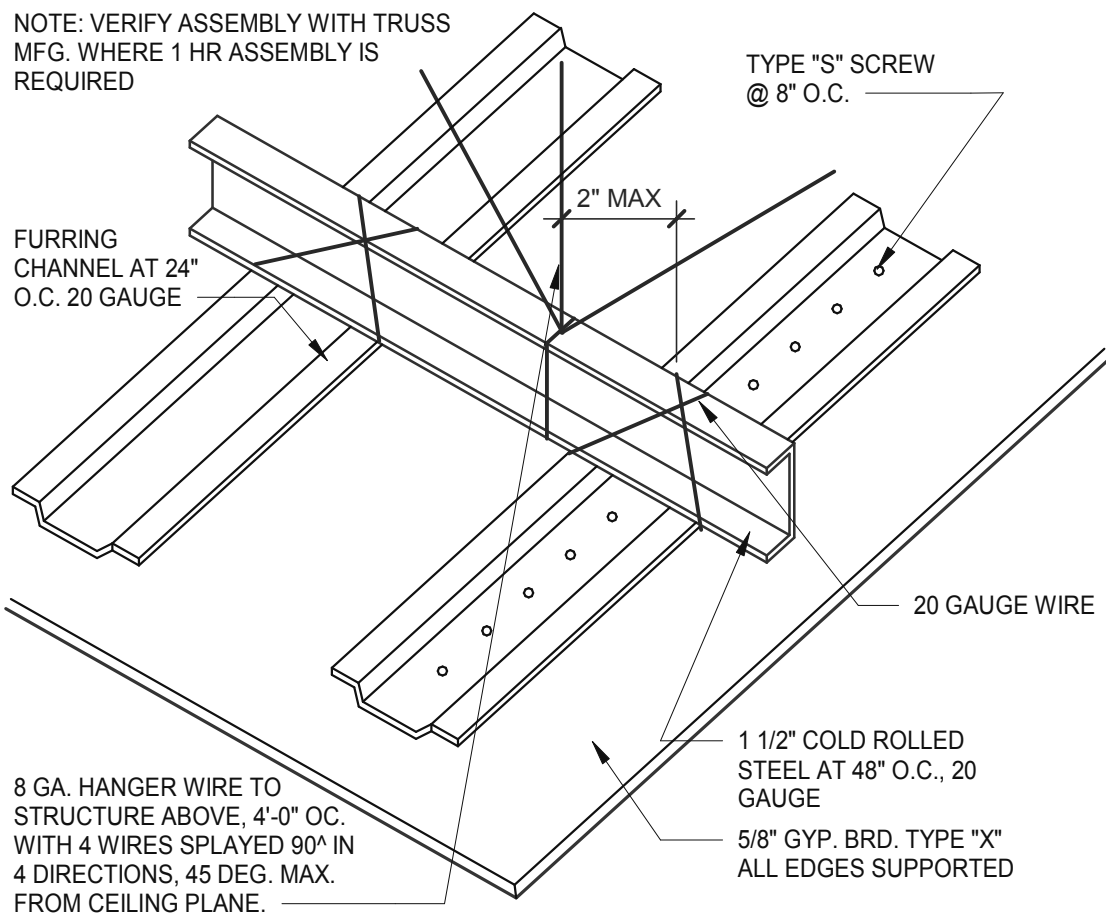


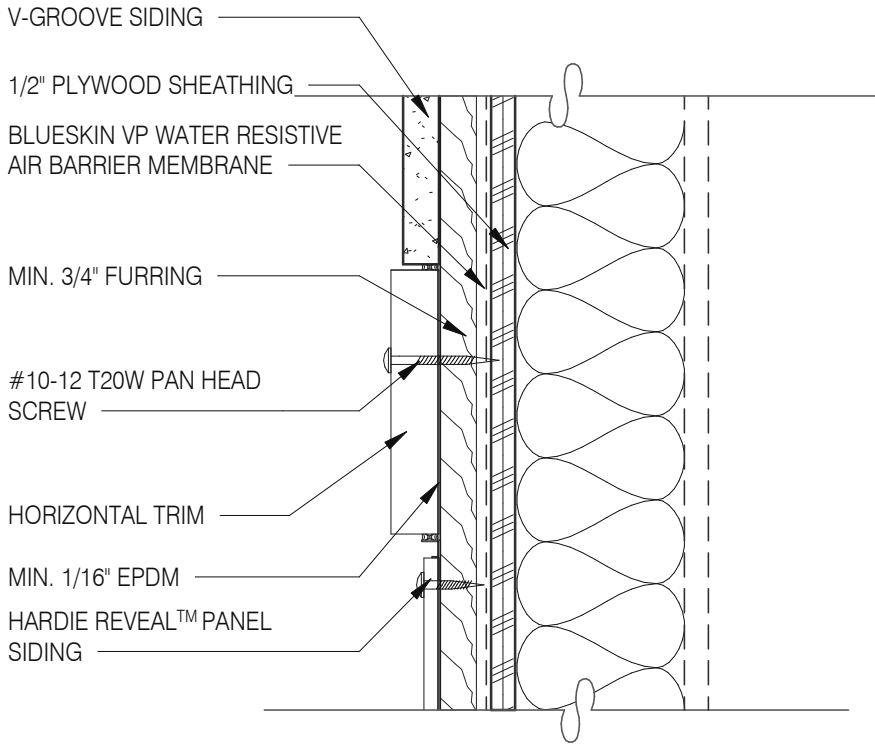
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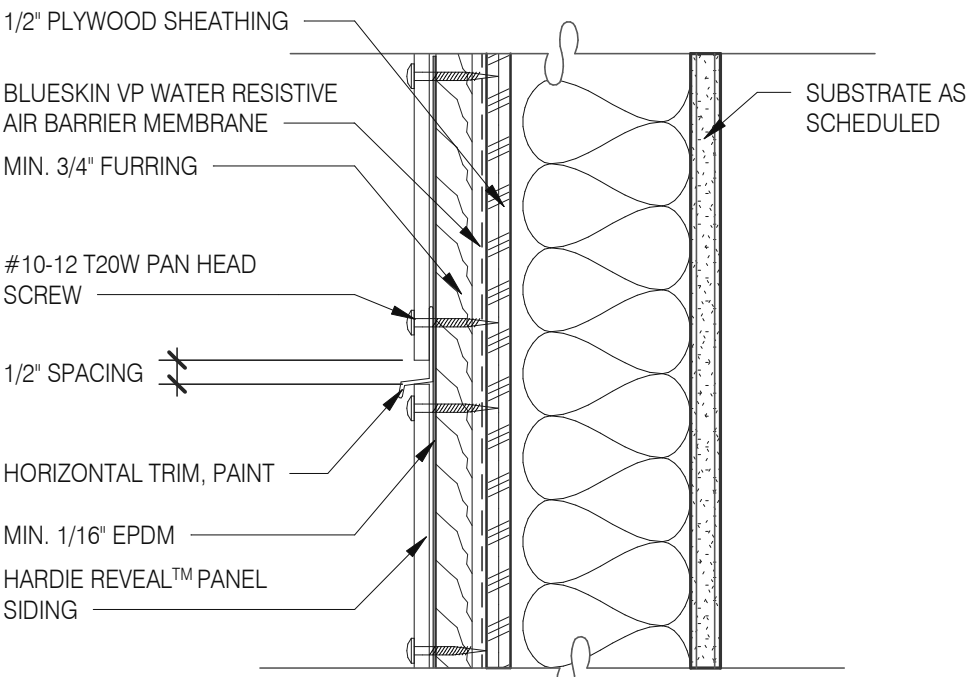
3" = 1'-0"

**6**

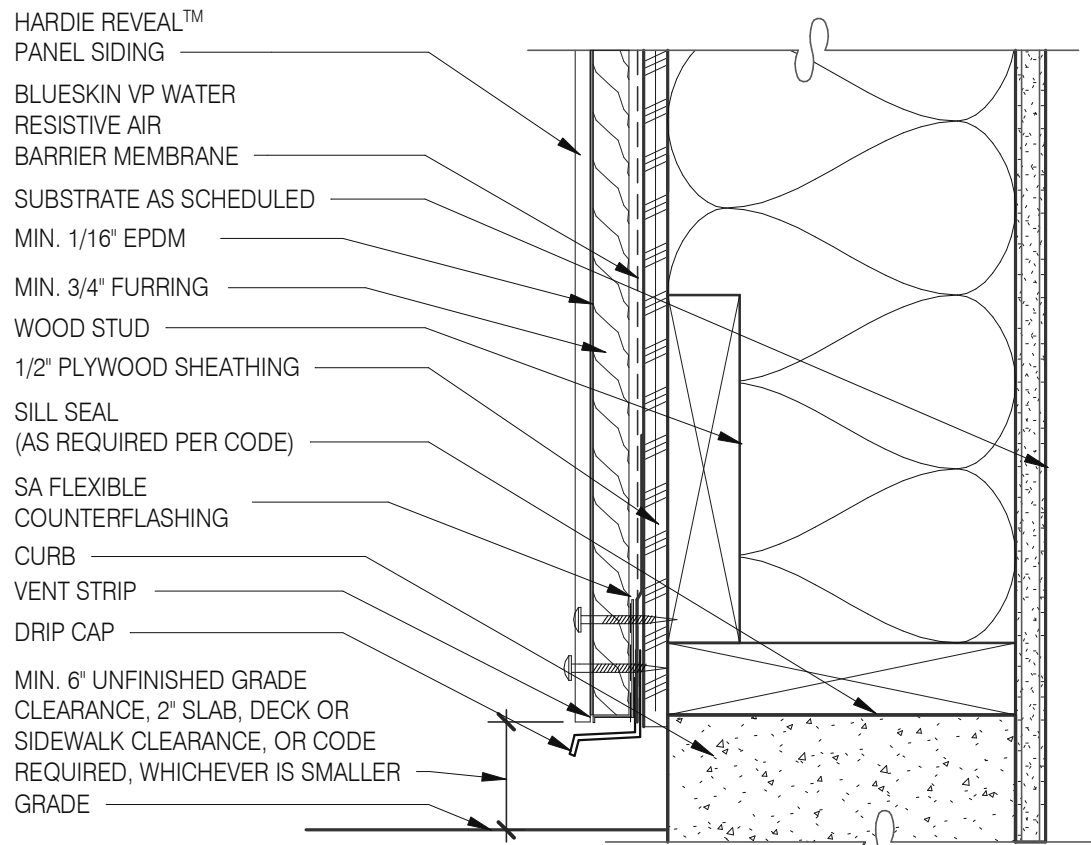




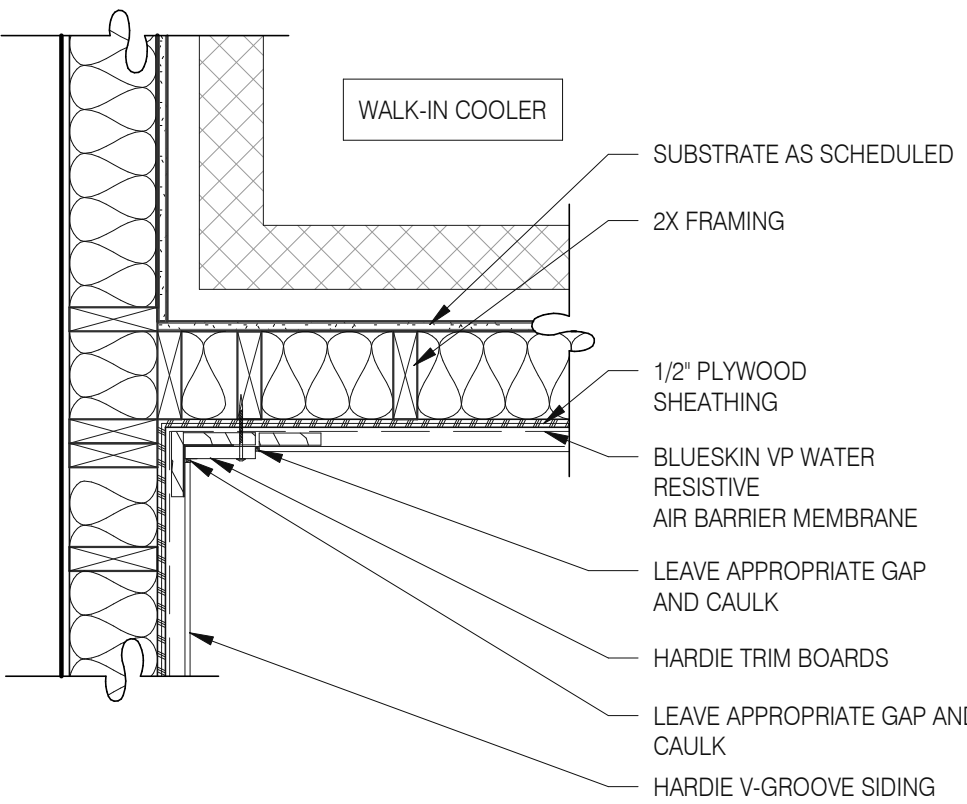
**PANEL WITH HORIZONTAL TRIM** 3" = 1'-0" **13**



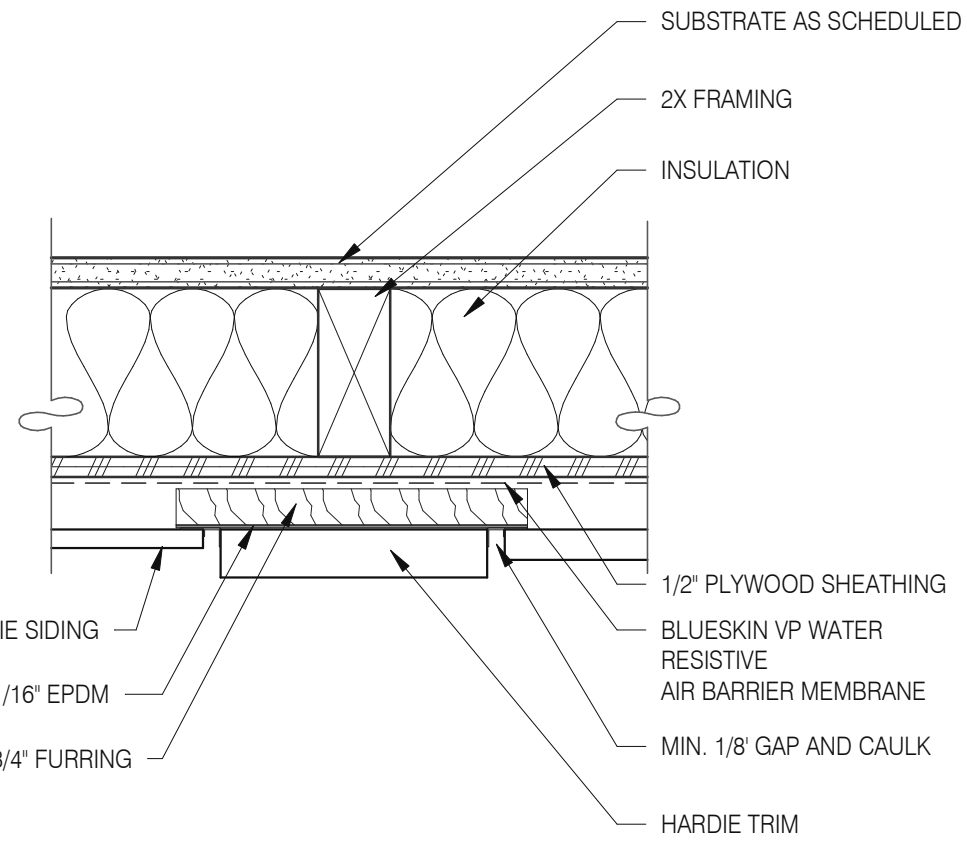
**PANEL WITH HORIZONTAL TRIM** 3" = 1'-0" **9**



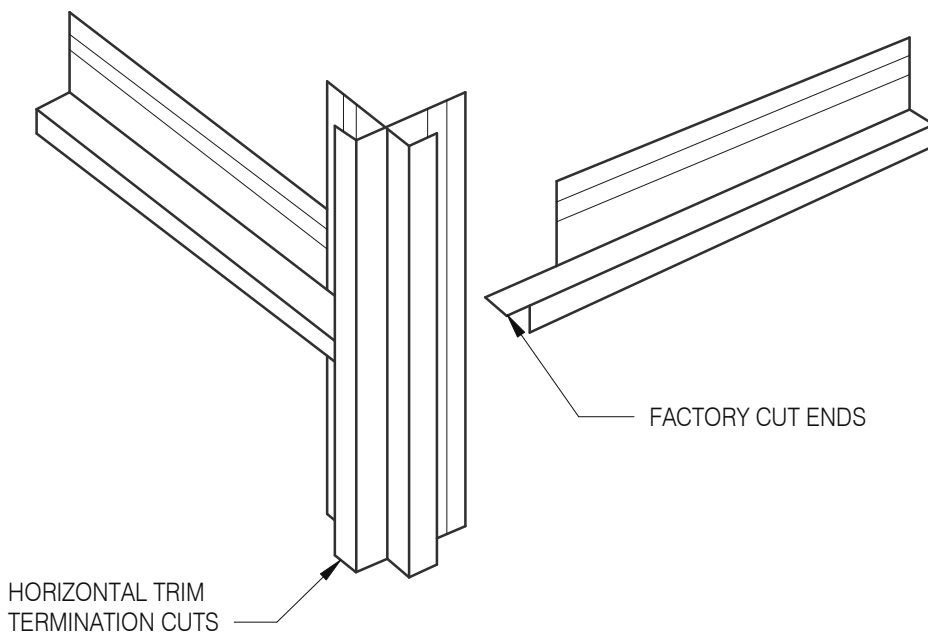
**FOUNDATION @ GRADE** 3" = 1'-0" **5**



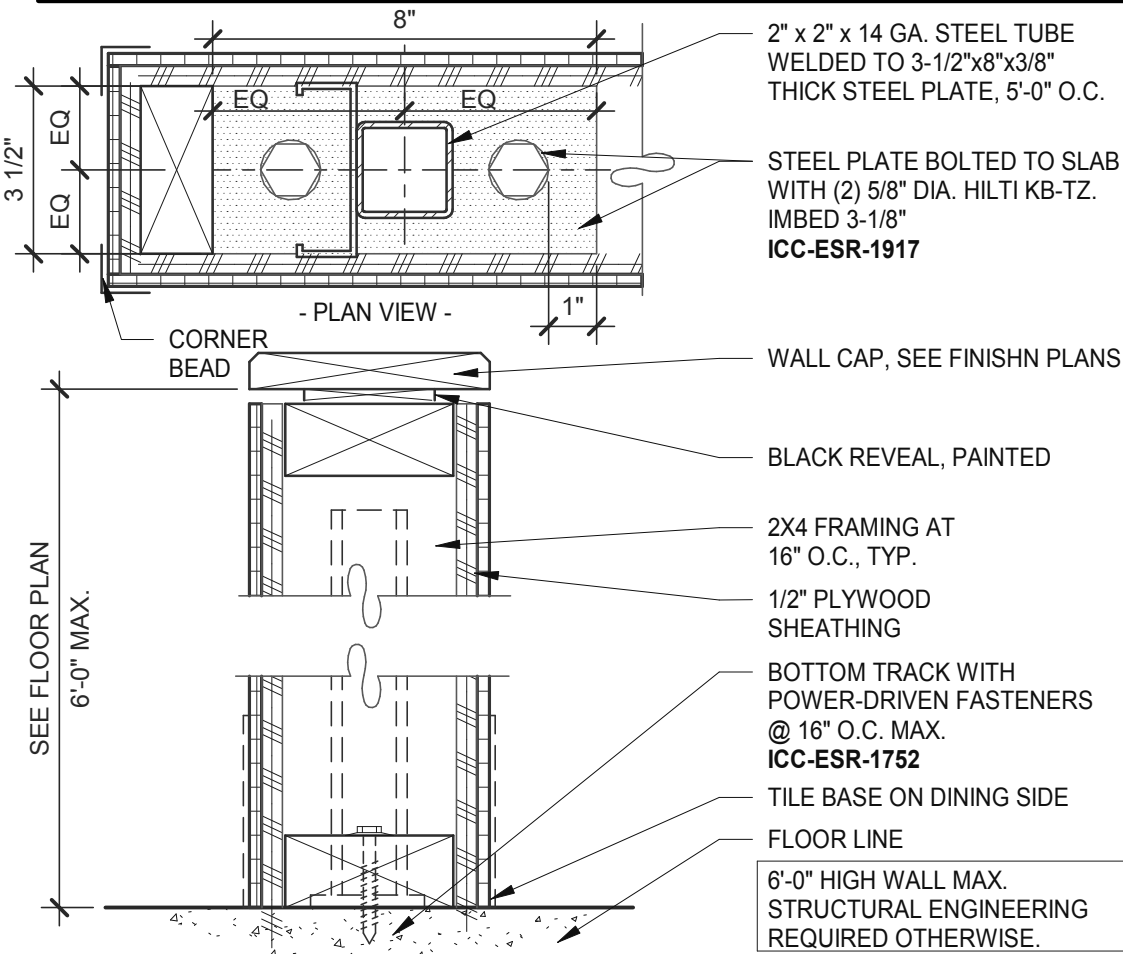
**WALK-IN COOLER DETAIL** 1" = 1'-0" **18**



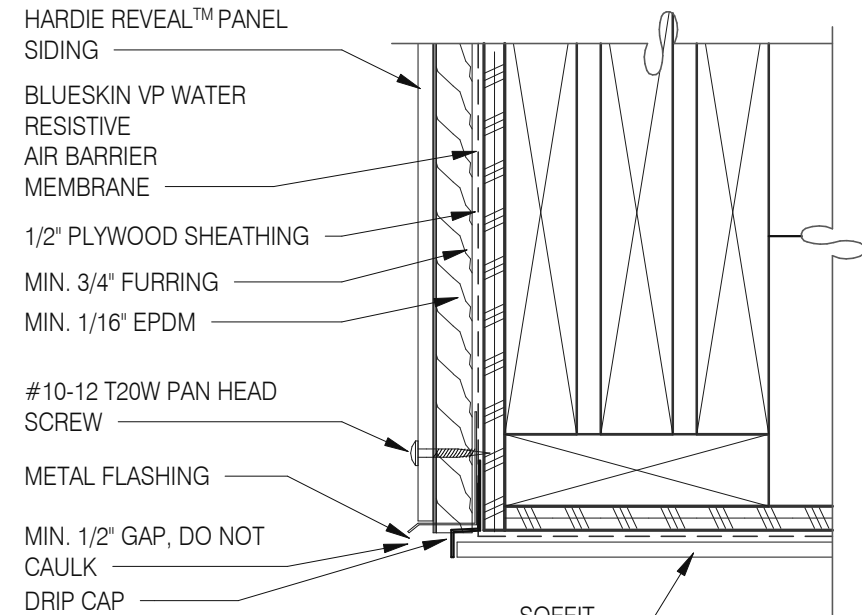
**PANEL WITH VERTICAL TRIM** 3" = 1'-0" **10**



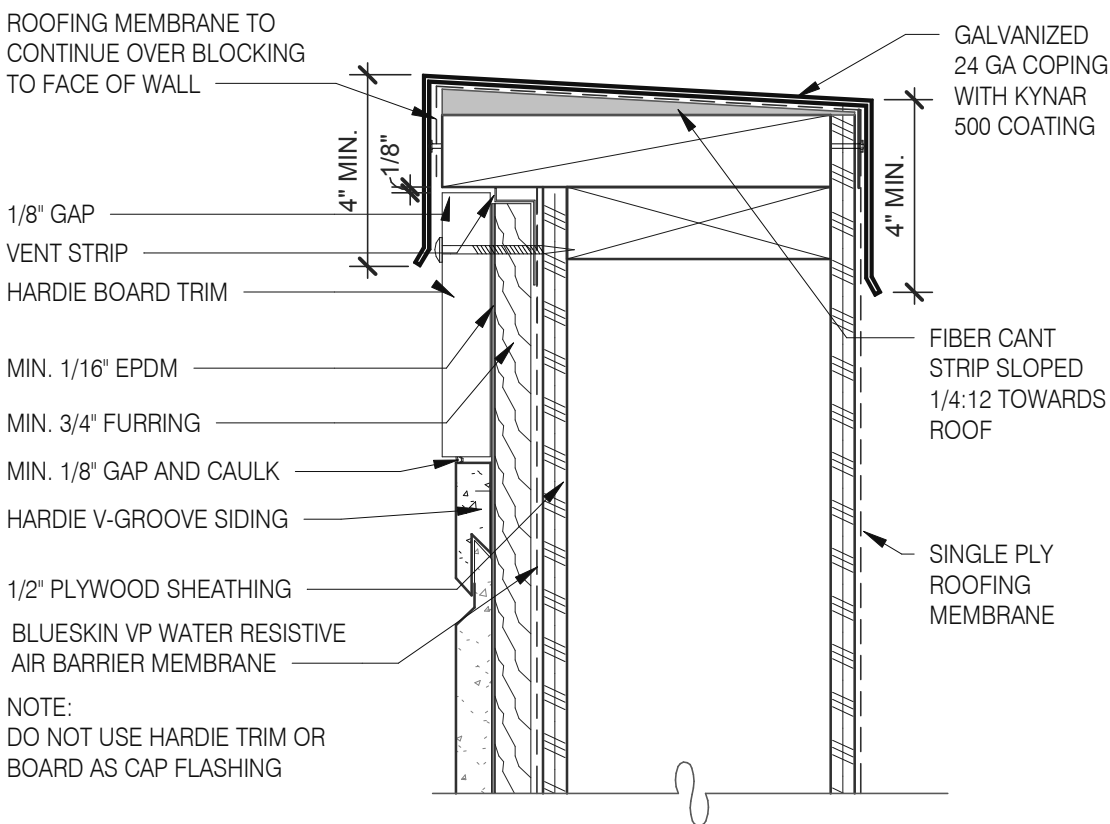
**HOR. TRIM - TERMINATION** N.T.S. **6**



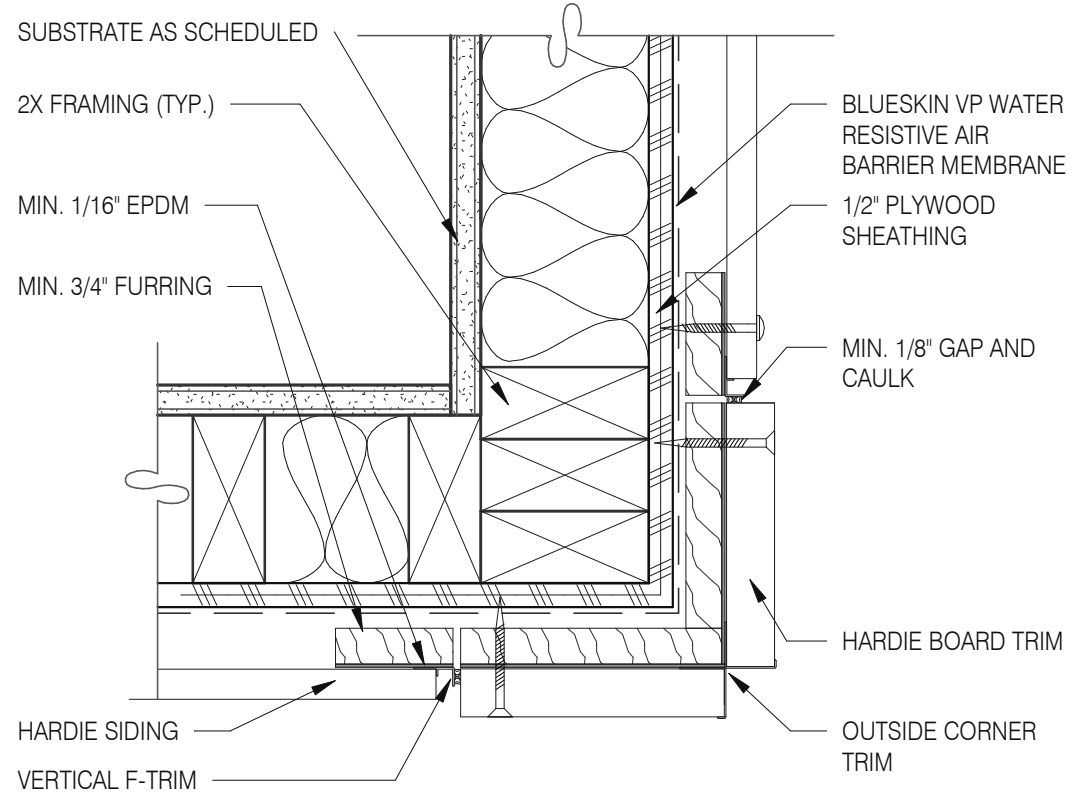
**LOW WALL** 3" = 1'-0" **15**



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



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



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

DATE	REMARKS
11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

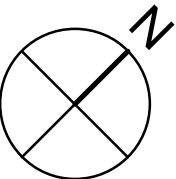
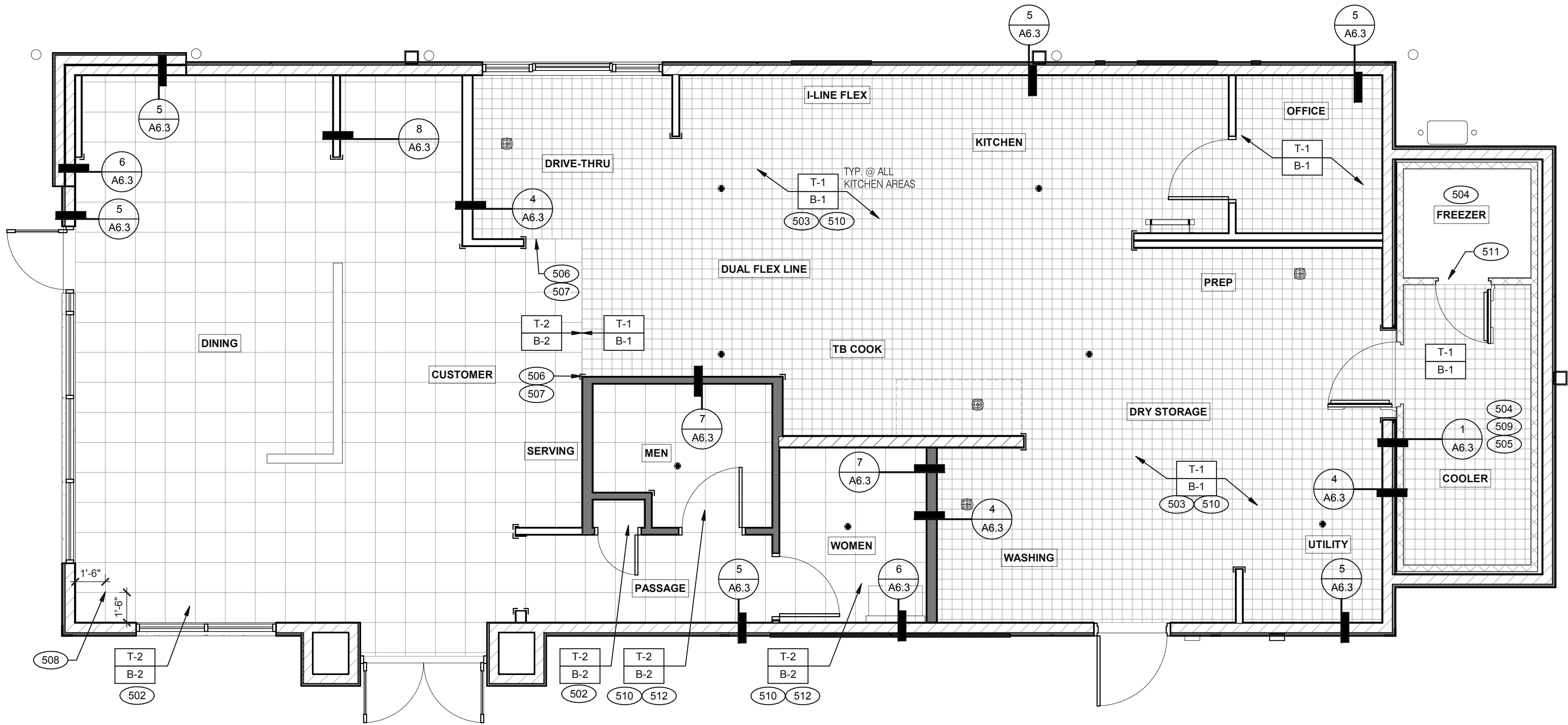
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
HARDIE BOARD  
DETAILS

A6.6

PLOT DATE: 3/31/2022 11:06:32 AM



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

A

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

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

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

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

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

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

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

- 502 6" COVE TILE BASE. SEE 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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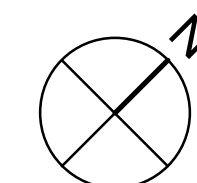
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
FLOOR FINISH  
PLAN

A7.0

PLOT DATE: 3/31/2022 11:06:37 AM



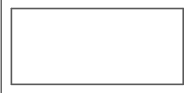

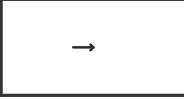













CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED2021
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	RS
JOB NO.:	2020088.24

TACO BELL



## A7.1

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

**D**

## C

902 EXTERIOR LIGHTS, REFER TO ELECTRICAL LIGHTING PLANS.  
904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR  
DETAILS.

## E



FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
CEILING						
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE, SQ EDGE	#107 TAUPE	2X2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TAUPE
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2x4	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-3	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2X2	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-4	USG	USG COMPASSO STANDARD	#002 SILVER SATIN	10"H PROFILE		SEE PLANS AND DETAILS FOR MORE INFO
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP			
CHAIR RAIL						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
FLOOR BASE						
B-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ
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 CQ
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%

FINISH LEGEND						D
<div><div><b>WESTERN STATES METAL ROOFING</b> JESSICA TRIER INSIDE SALES REPRESENTATIVE P: (602) 495-0048 D: (602) 422-2696 W: www.metaloofing.com JESSICA@METALDECK.COM</div><div><b>CORIAN</b> DAVID GREENING NA COMMERCIAL SALES FOOD SERVICE/ RETAIL SEGMENT SALES LEADER CORIAN DESIGN (614) 975-6700 DAVID.P.GREENING@DUPONT.COM</div><div><b>JAMES HARDIE</b> MATT PETERSEN CELL: (707)536-8271 MATTHEW.PETERSEN@JAMESHARDIE.COM</div><div><b>CREATIVE MATERIALS CORP.</b> ALLISON PICHE CLIENT SERVICES SUPERVISOR ONE WASHINGTON SQUARE, ALBANY, NY 12205 P: (518) 452-9694 D: (518) 713-5395 APICHE@CREATIVEMATERIALSCORP.COM</div><div><b>SHERWIN WILLIAMS</b> SUNNY PATEL NATIONAL ACCOUNT EXECUTIVE 2100 W. ORANGEWOOD AVE. SUITE 100 ORANGE, CA 92868 (619) 990-1920 SUNDEEPKUMAR.PATEL@SHERWIN.COM</div><div><b>WOLF GORDON</b> JESSICA ROSE (213)999-1141 JESSICA.ROSE@WOLFGORDON.COM</div><div><b>USG CORPORATION</b> TRAVIS TOMANEK CORPORATE ACCOUNT MANAGER (440) 541-3972 TTOMANEK@USG.COM</div><div><b>MARLITE</b> 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</div><div><b>MAPEI</b> LISA FYKE ARCHITECTURAL REPRESENTATIVE MAPEI CORP. (909) 247-5324 LFYKE@MAPEI.COM</div></div>						
<b>A72_FINISH CONTACTS</b>						N.T.S. C

NOT USED

A

	DATE	REMARKS
	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



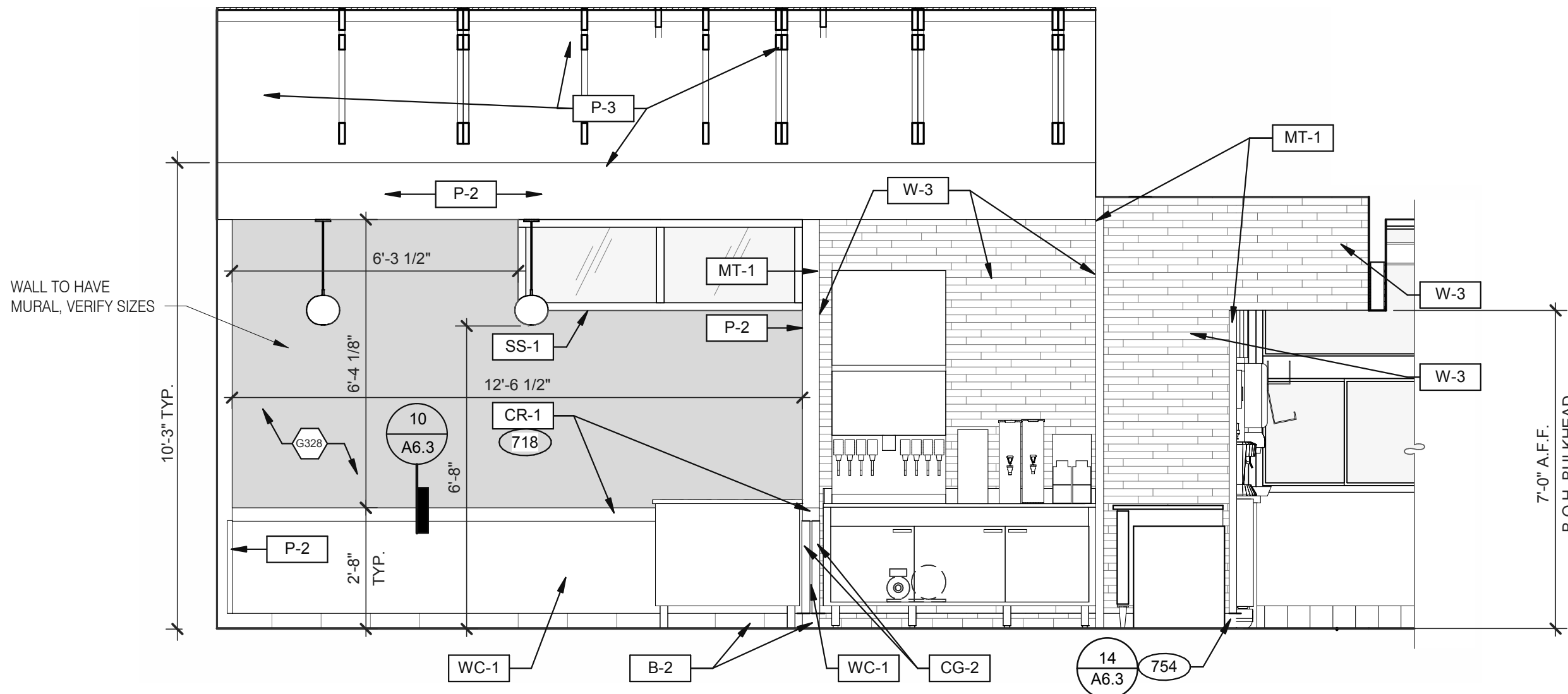
ENDEAVOR 2.0  
FINISH  
SCHEDULE

A7.2

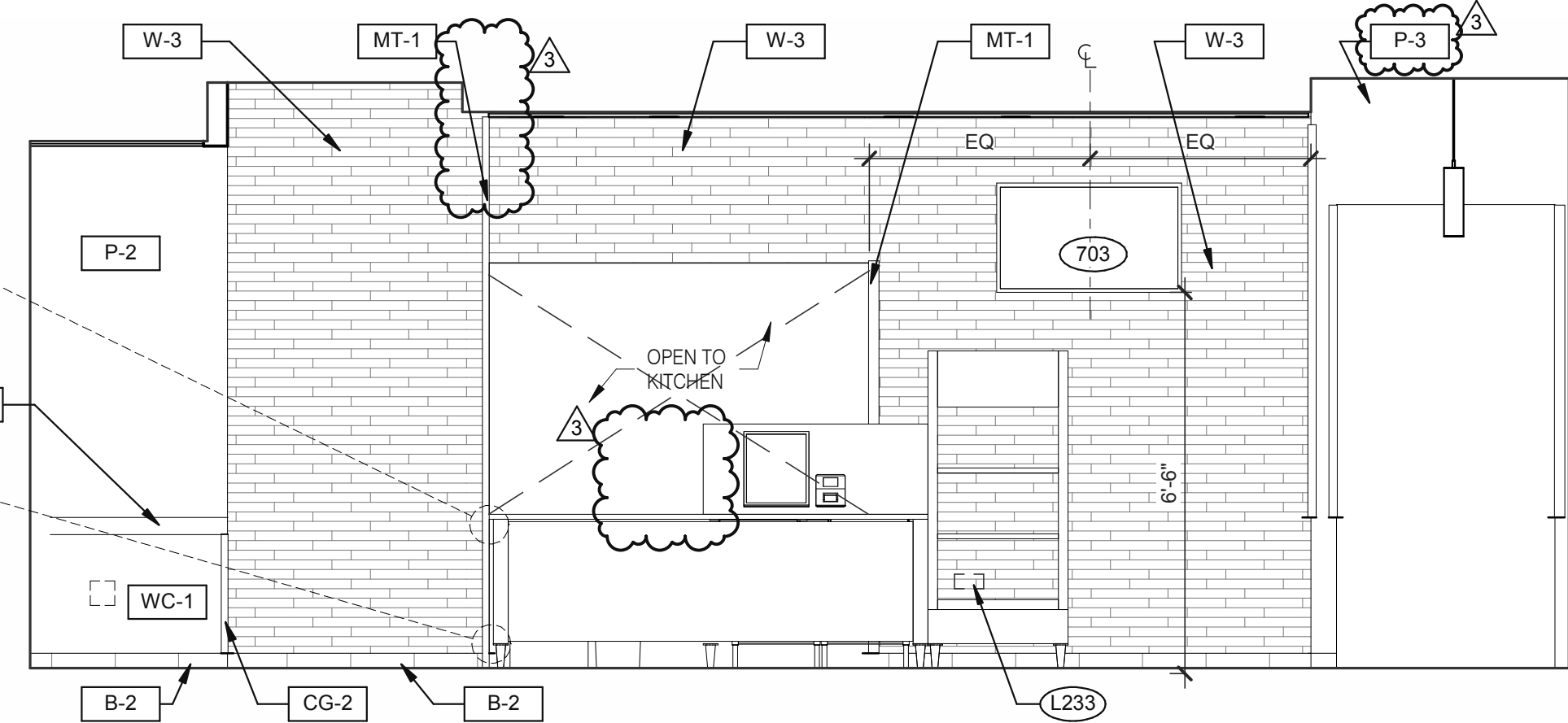
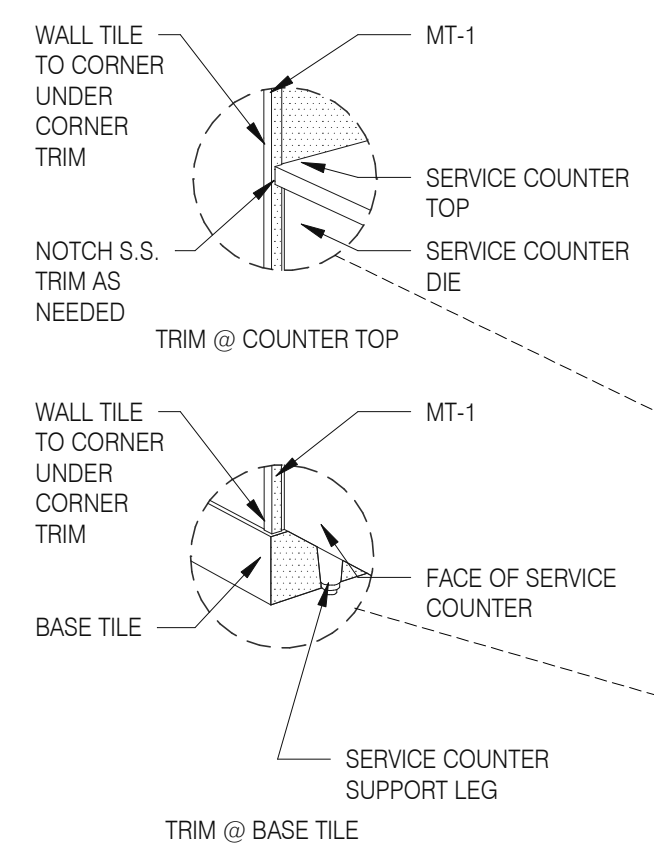
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NOT USED

B

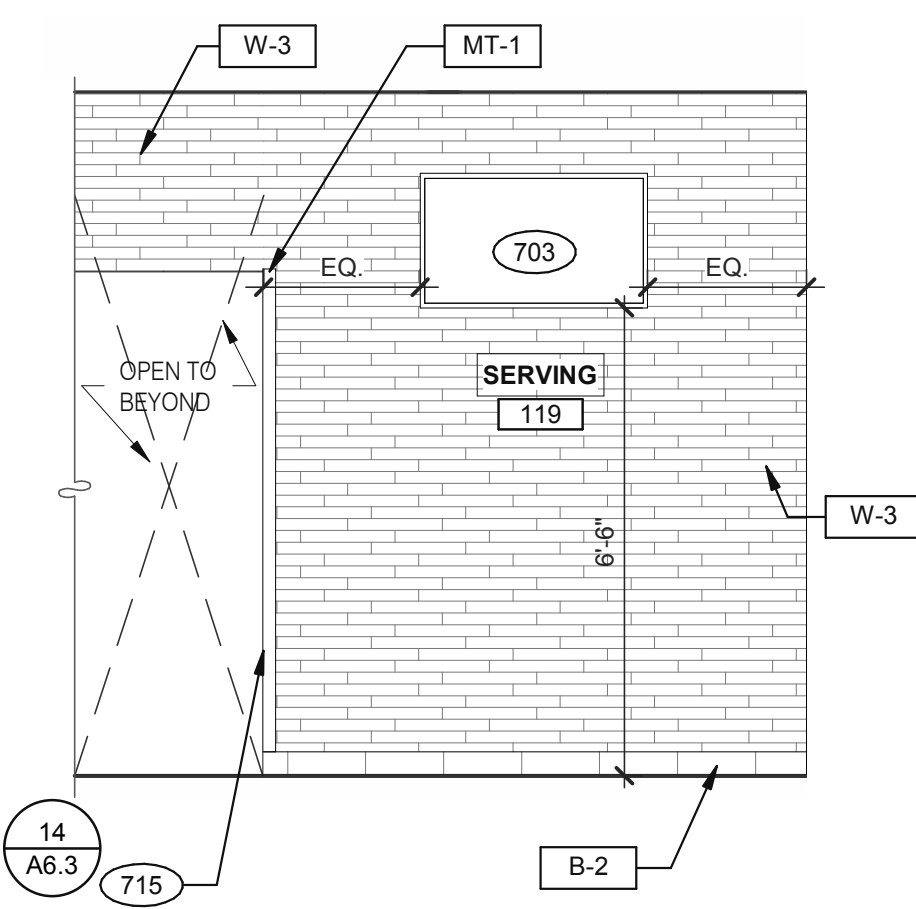


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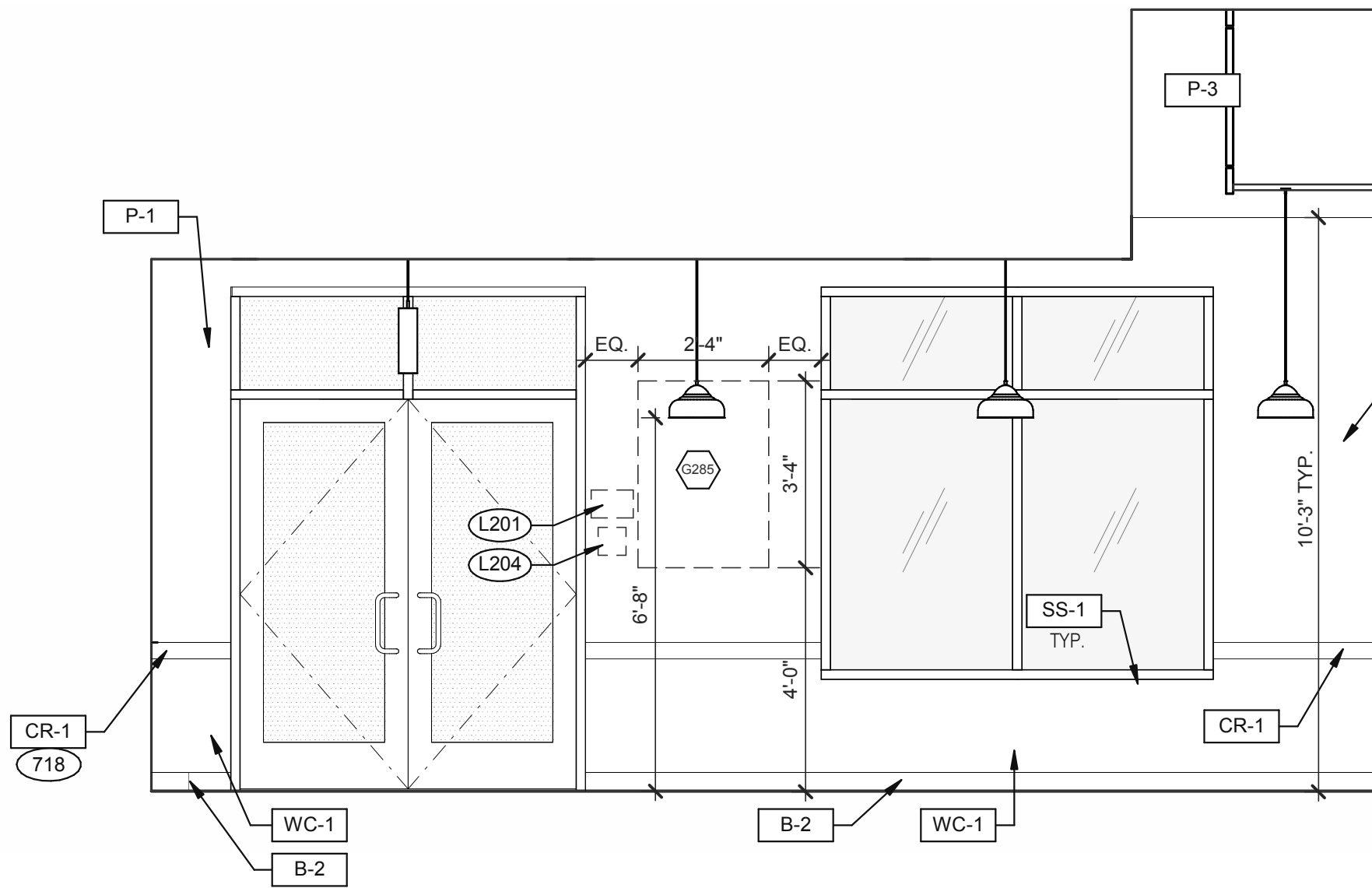


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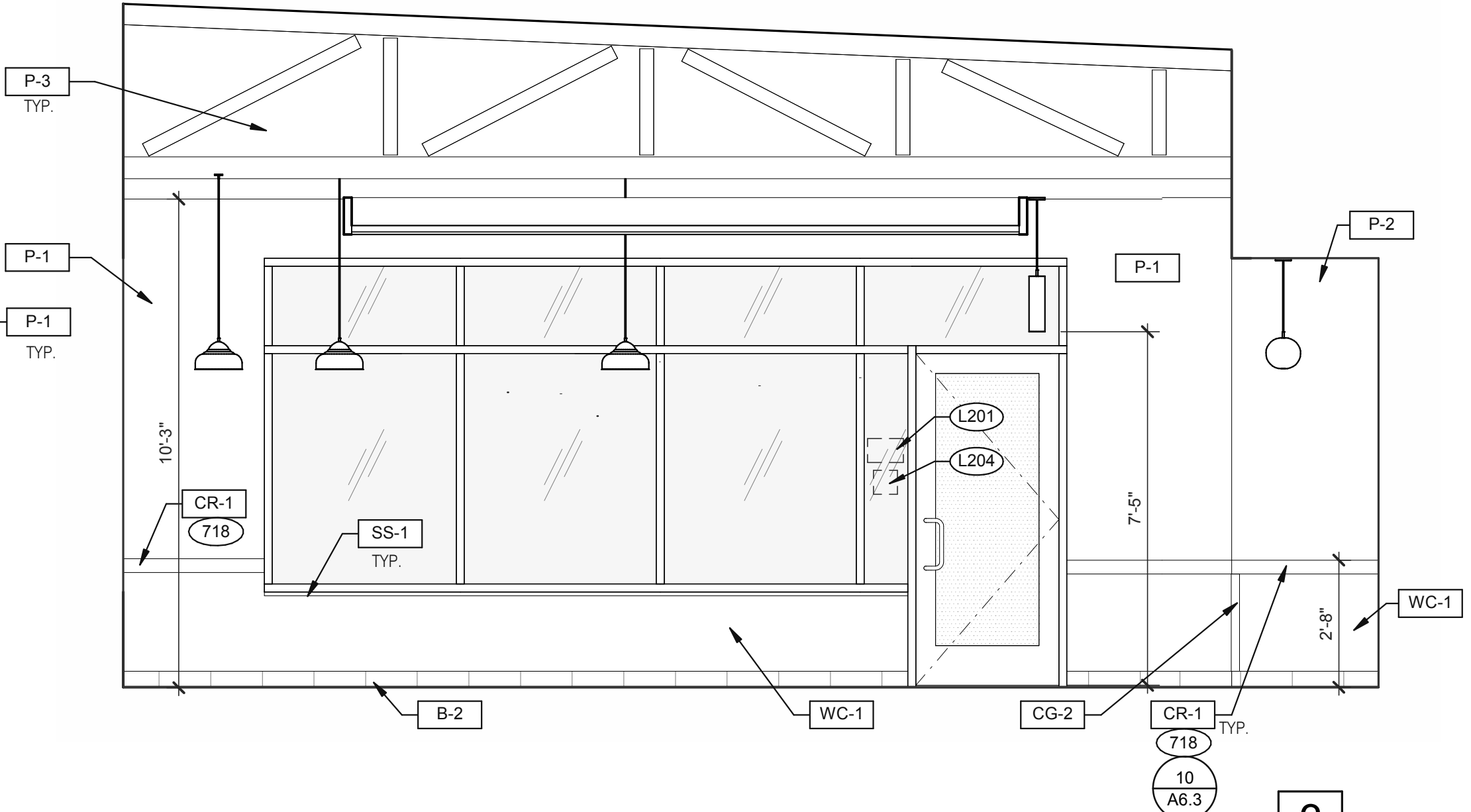
**DINING** 3/8" = 1'-0"



5

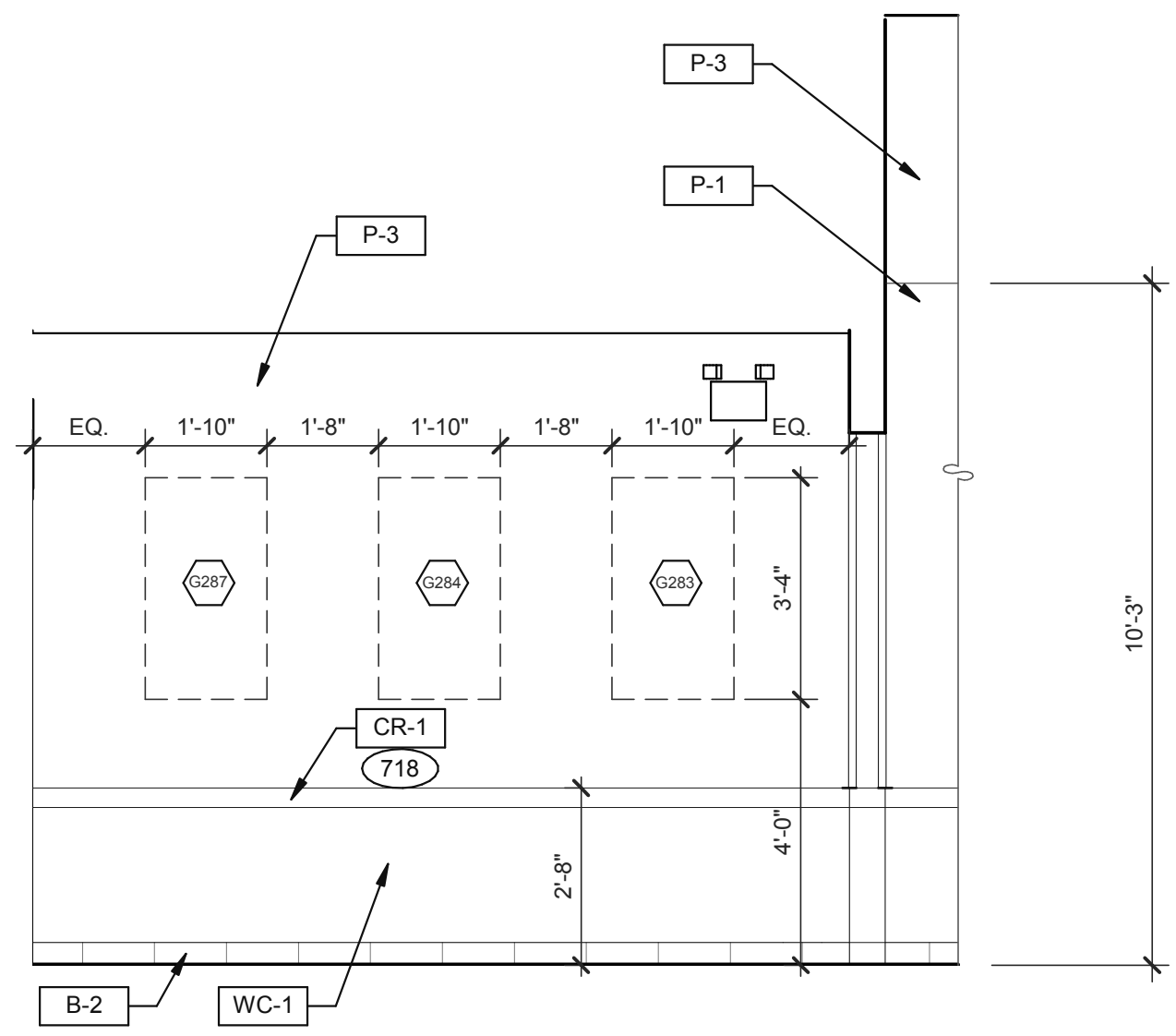


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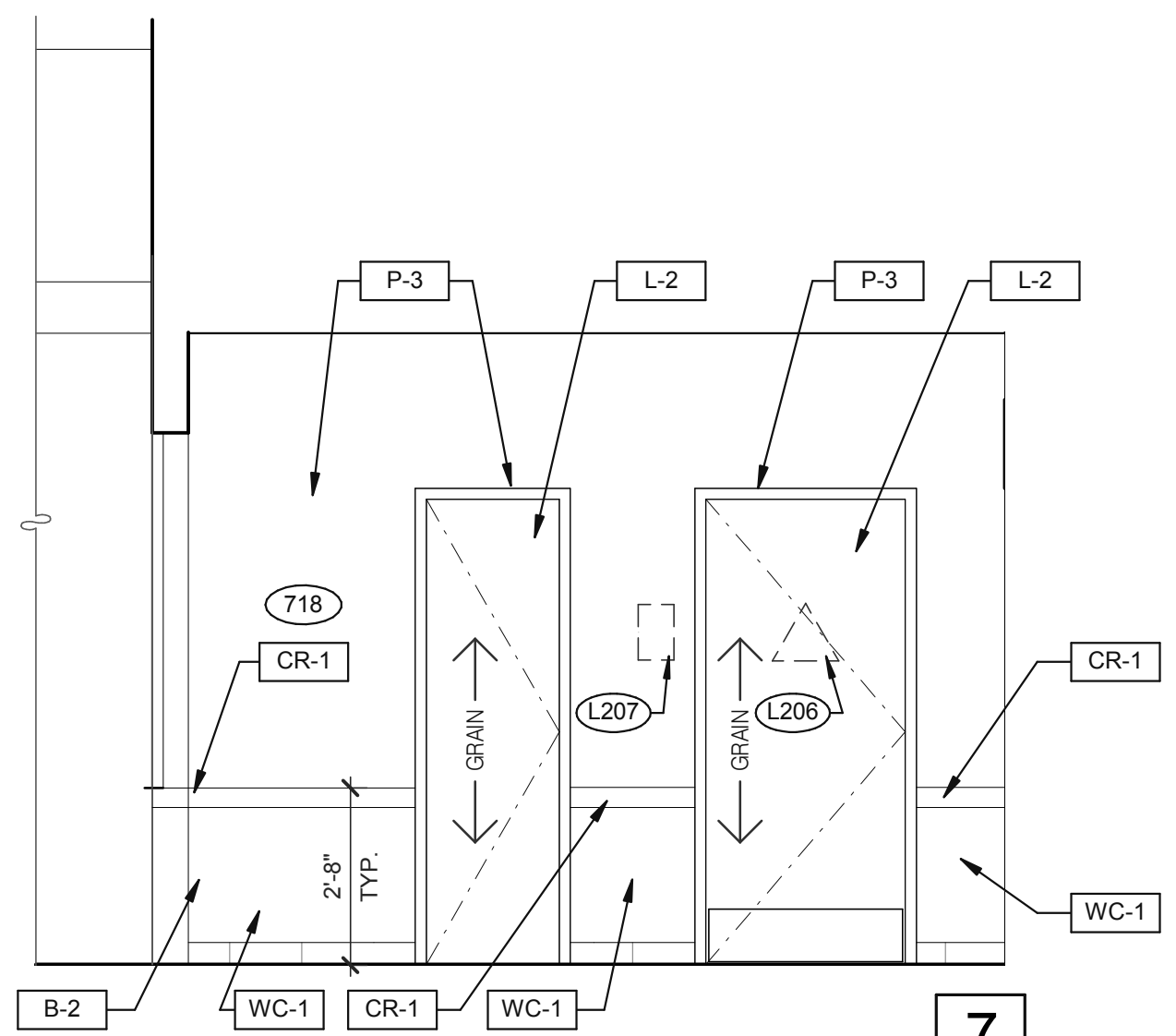


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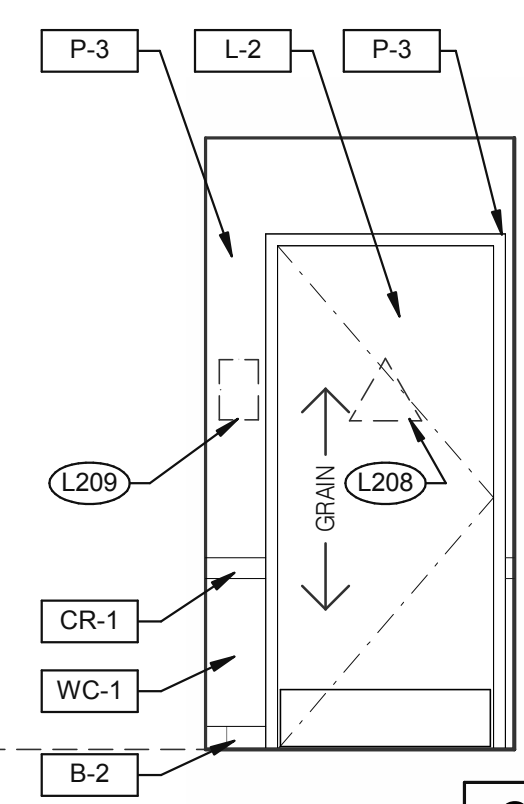
**DINING** 3/8" = 1'-0"



8



7



6

- 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
11.23.21	Issued for Permit
02.24.22	NTP COMMENTS
03.17.22	Issued for RSCS Bid
04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

**TACO BELL**

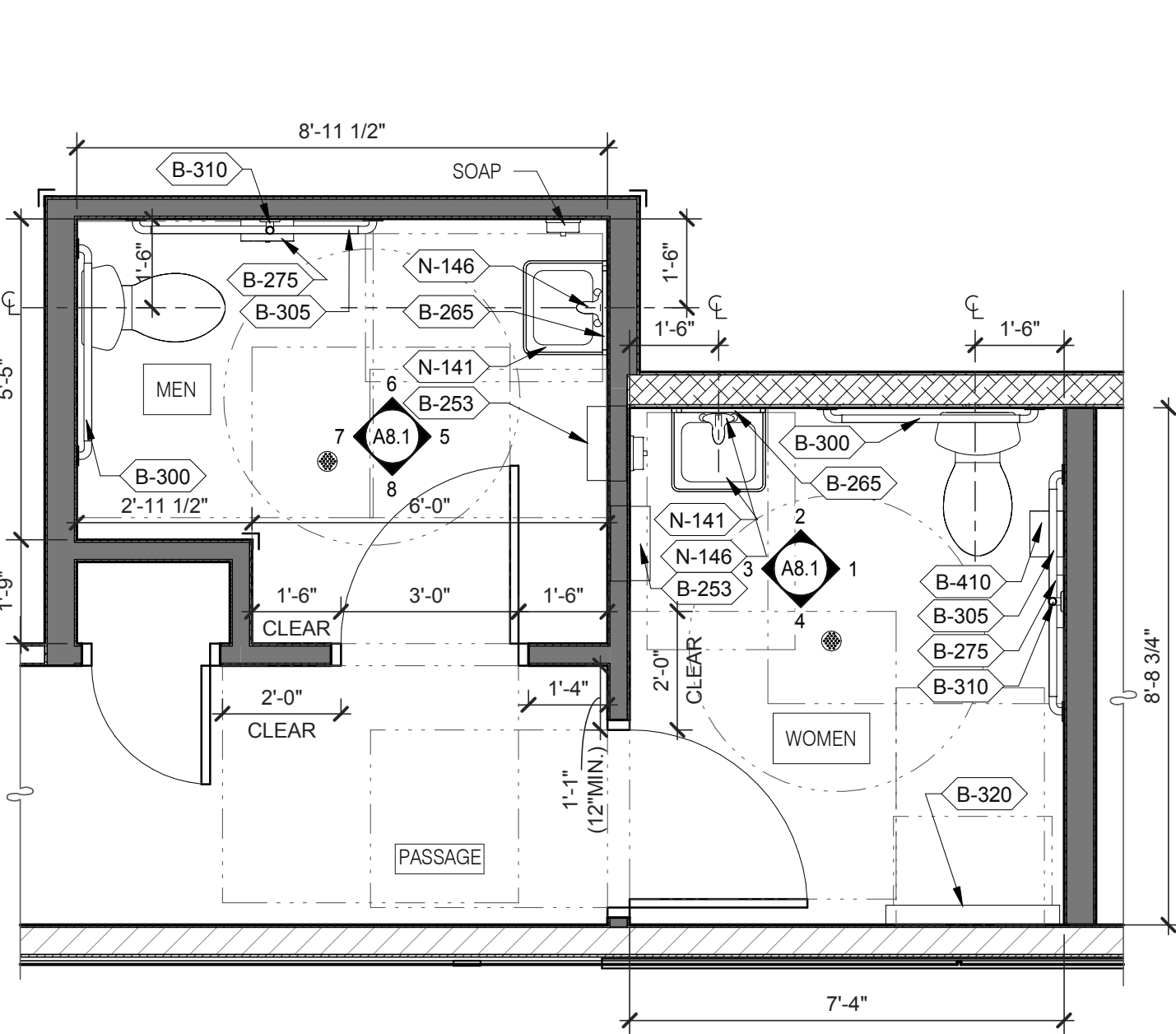
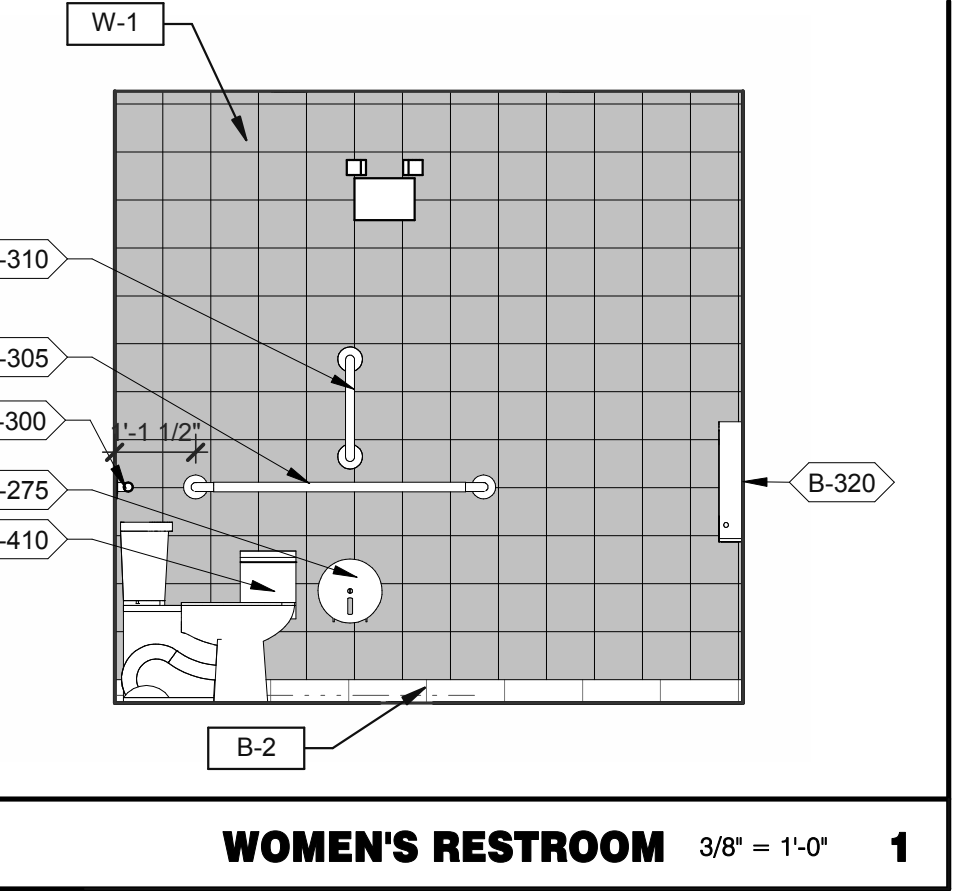
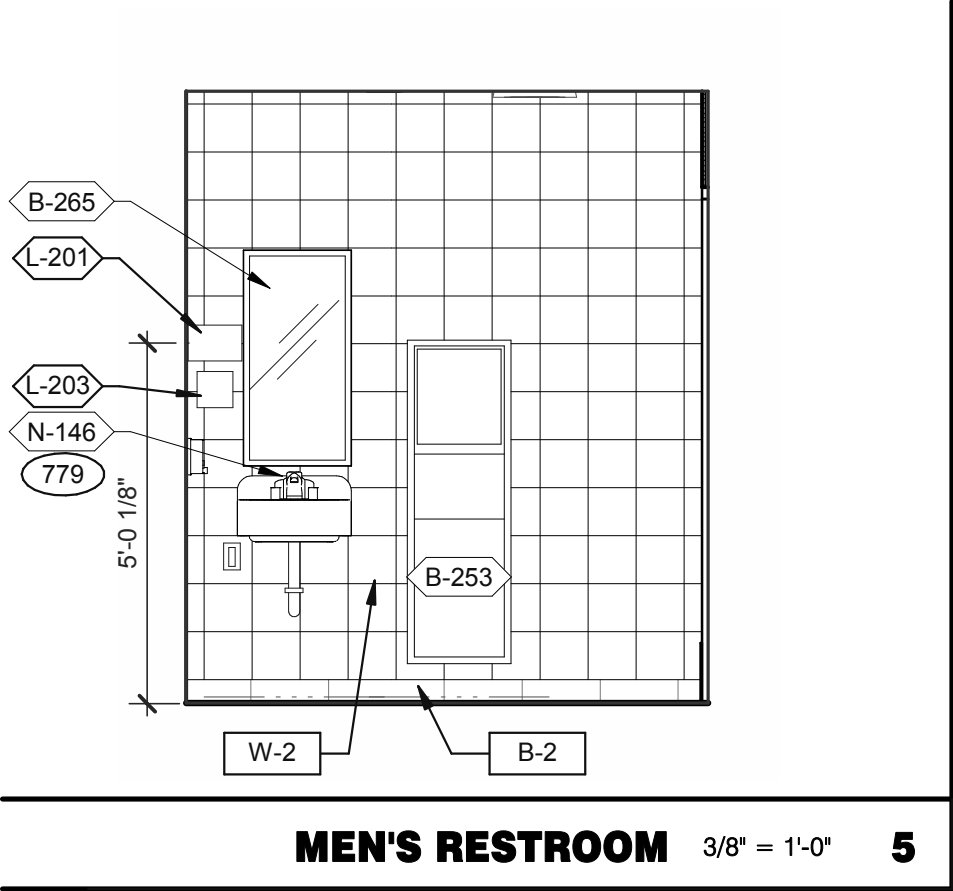
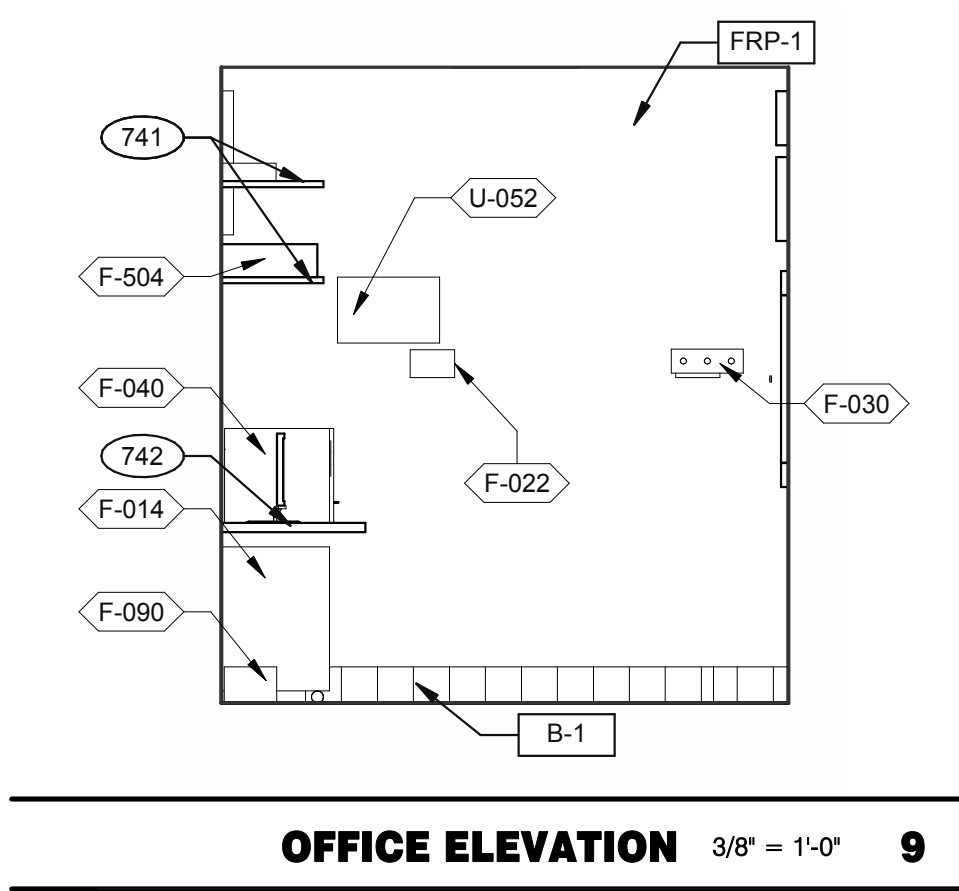
403 E. Main St.  
Cartersville, GA 30121



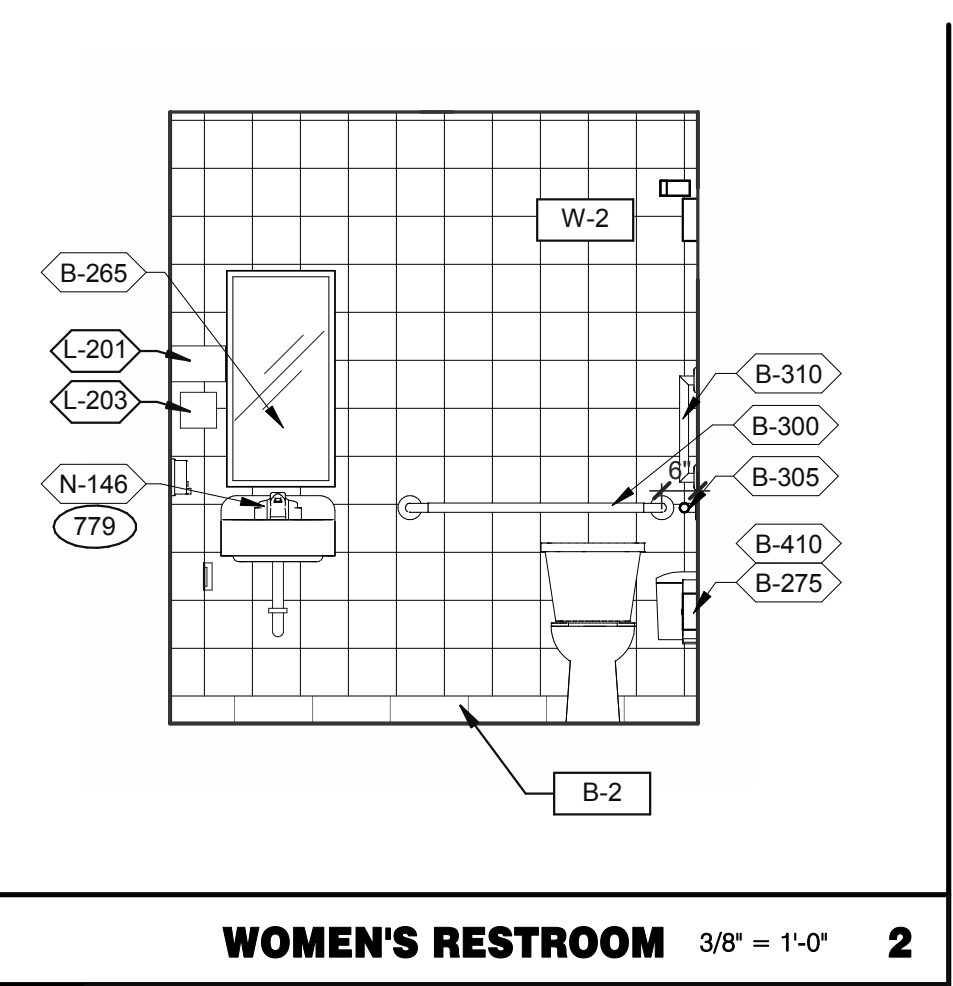
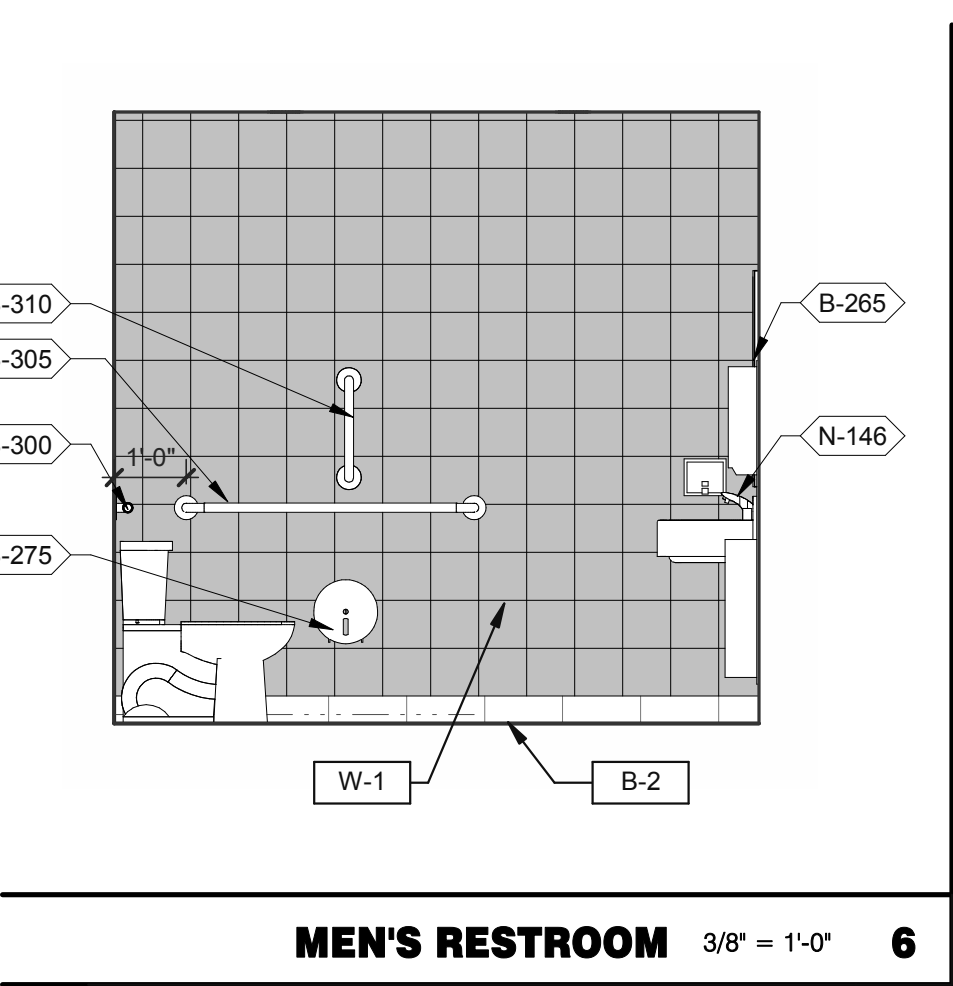
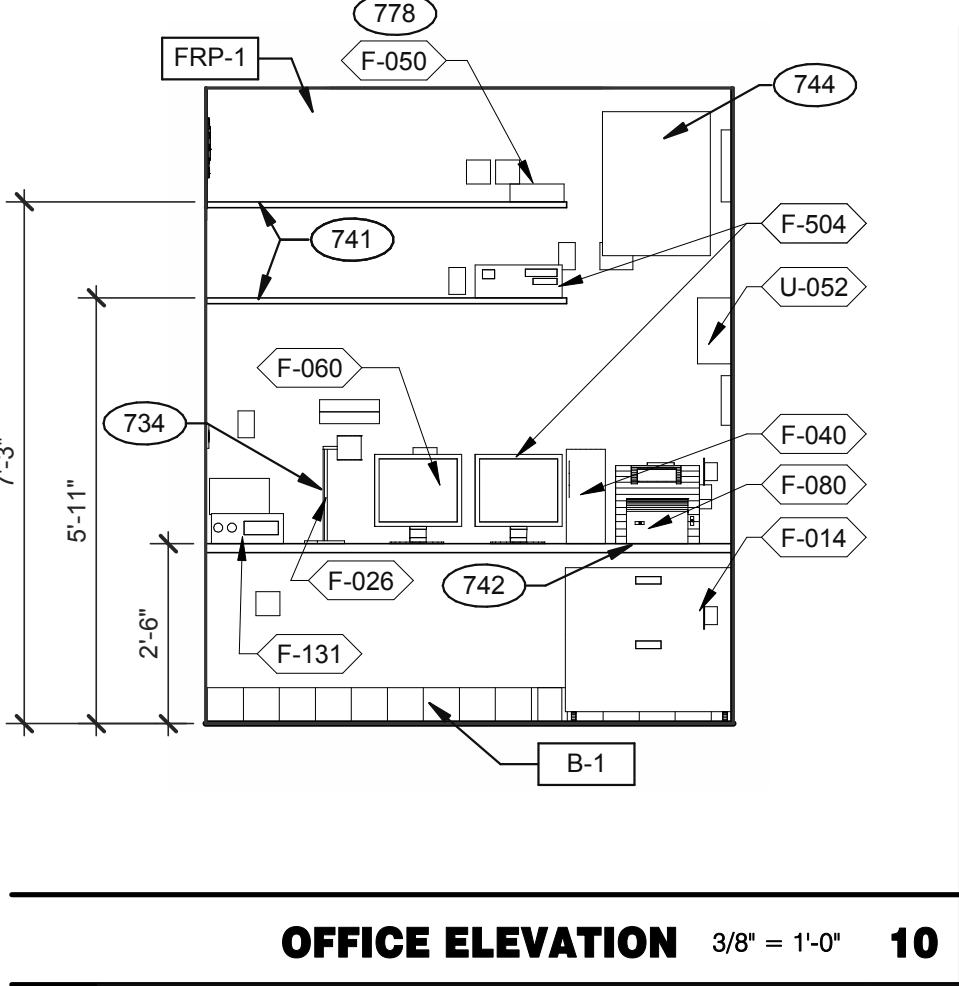
**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
DINING ROOM**

**A8.0**

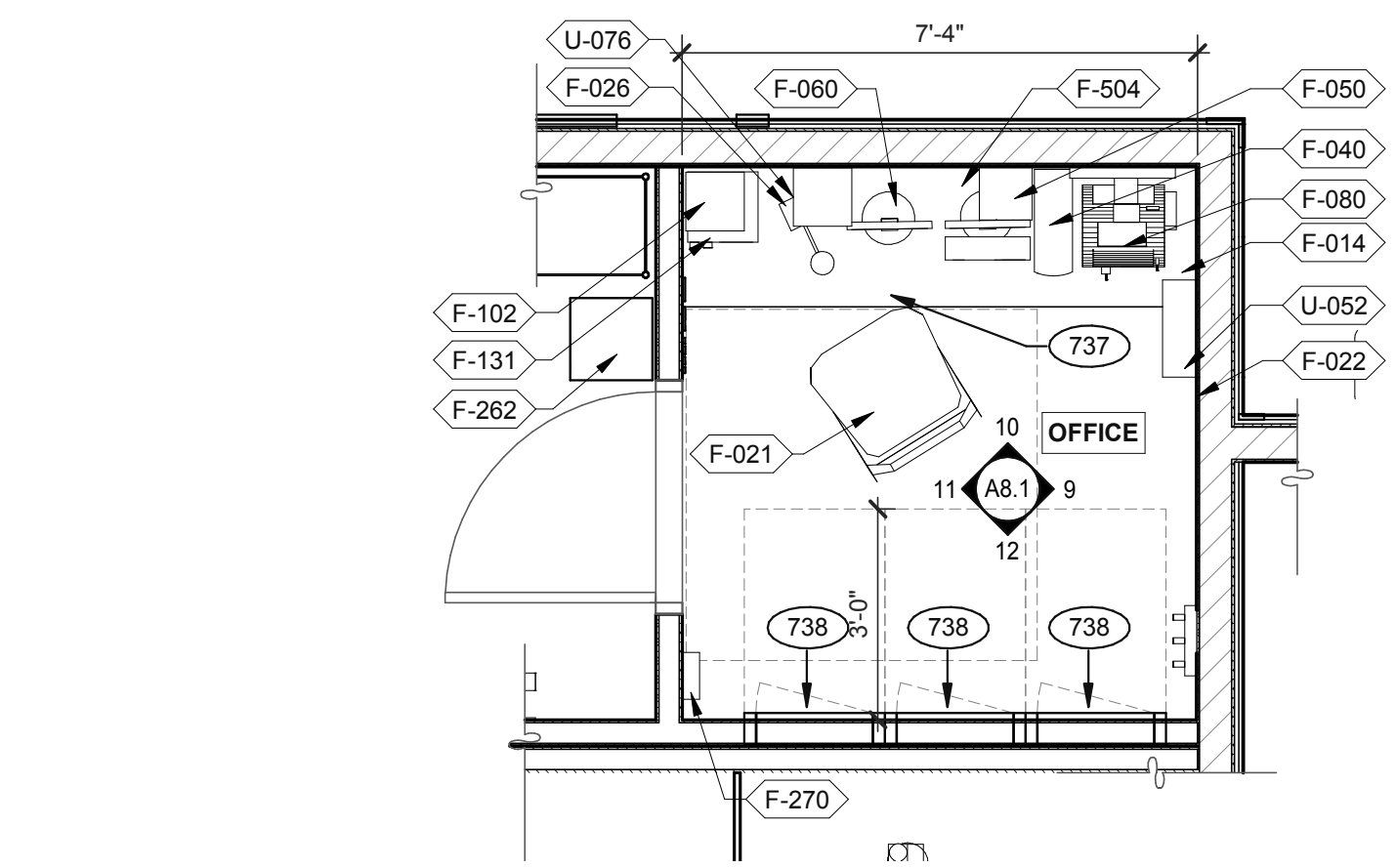
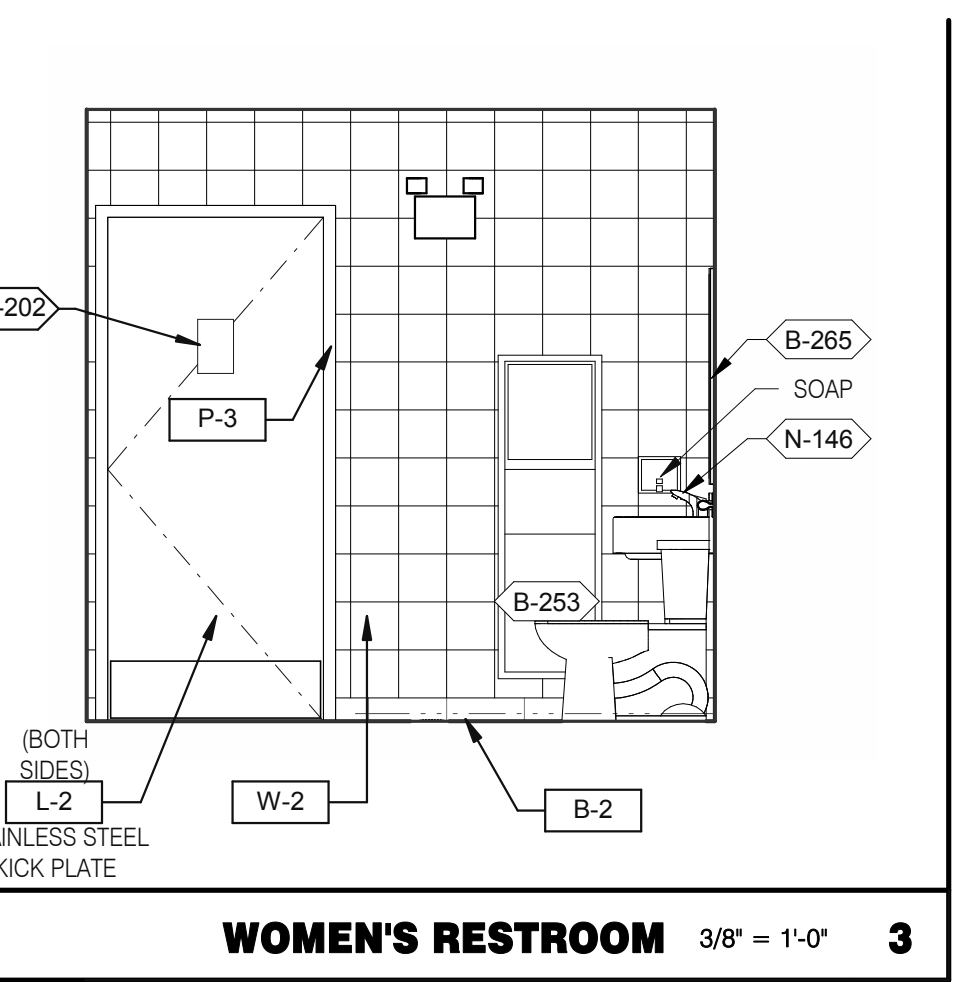
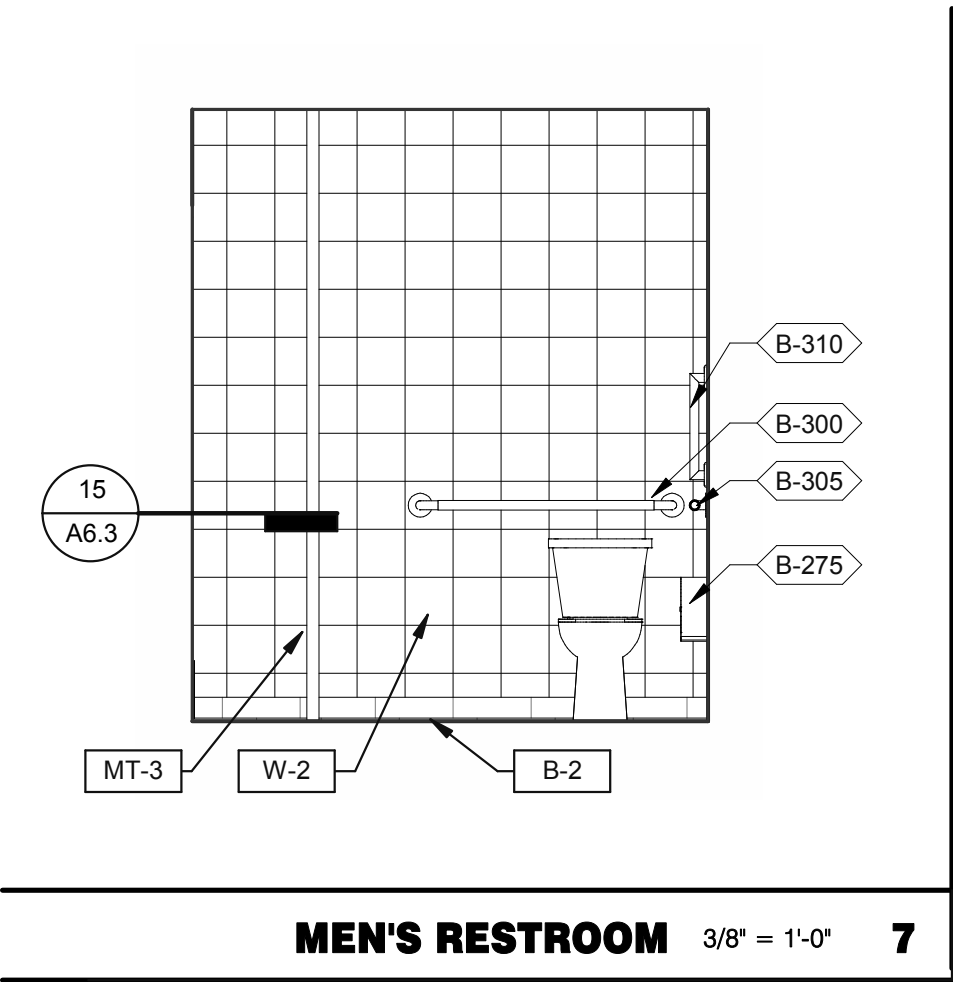
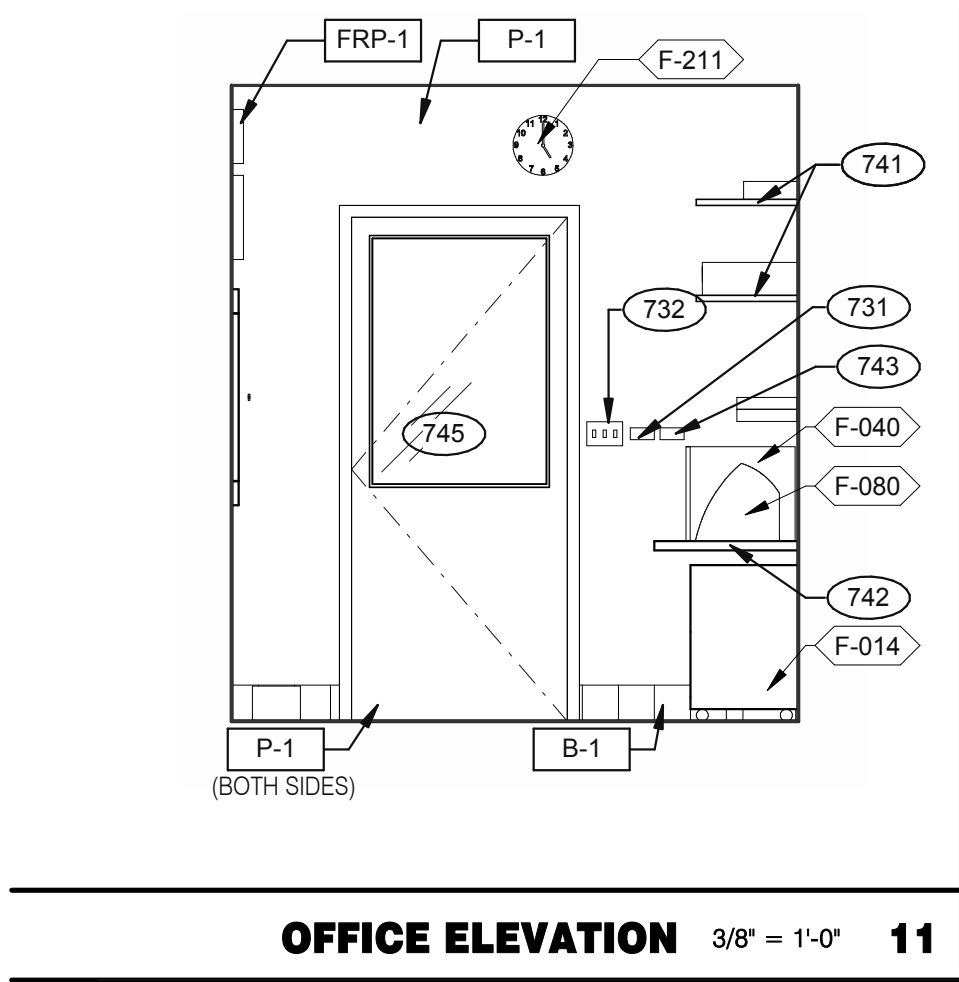
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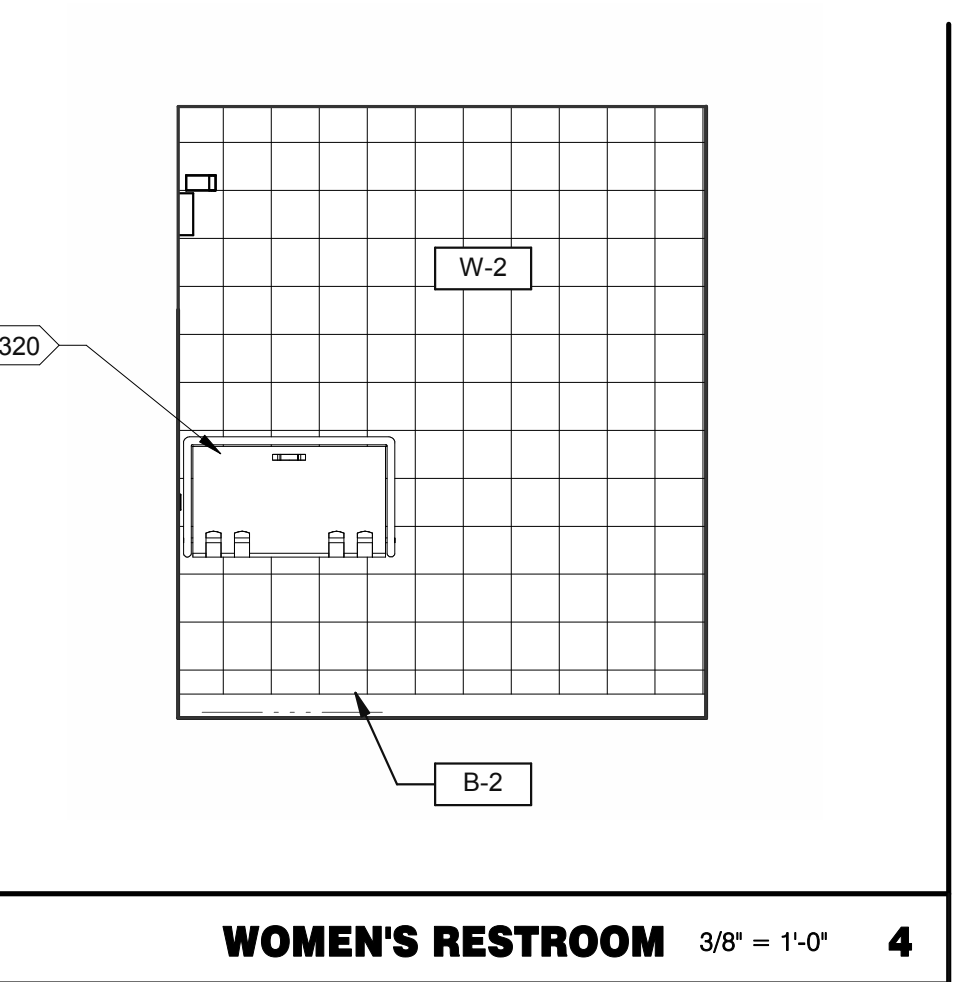
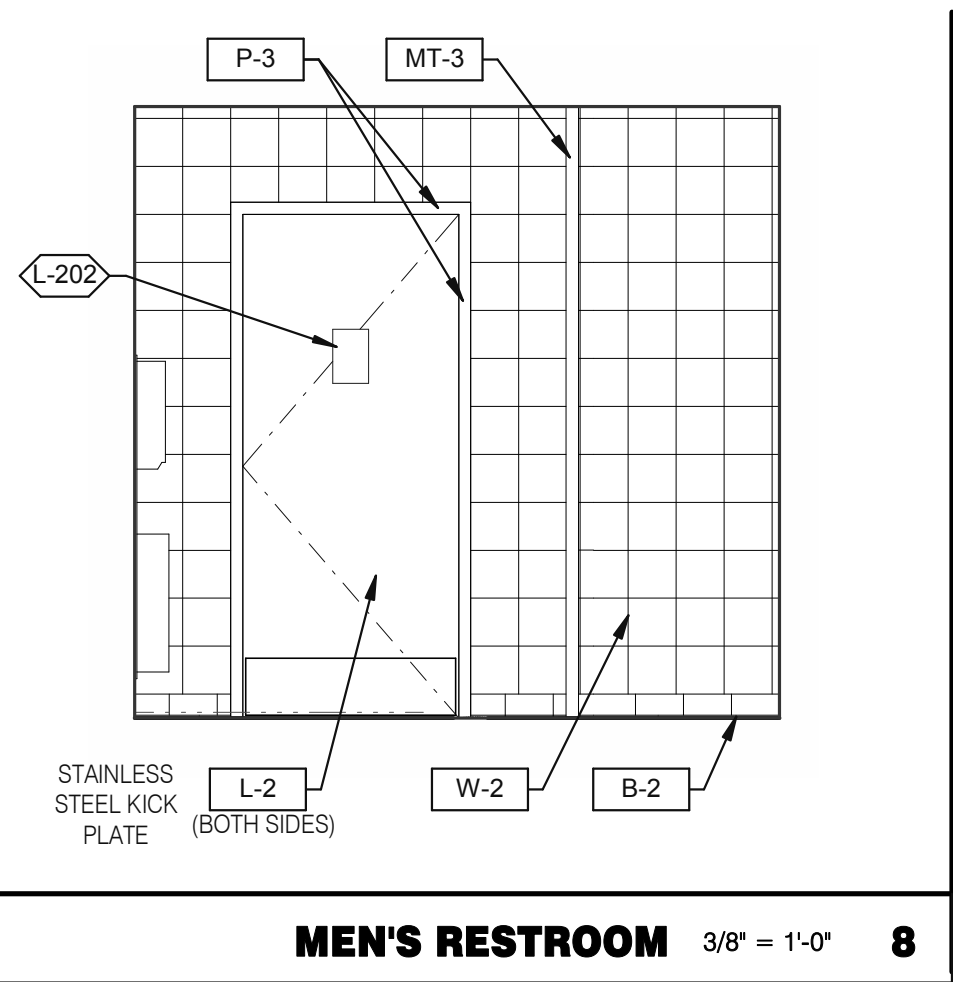
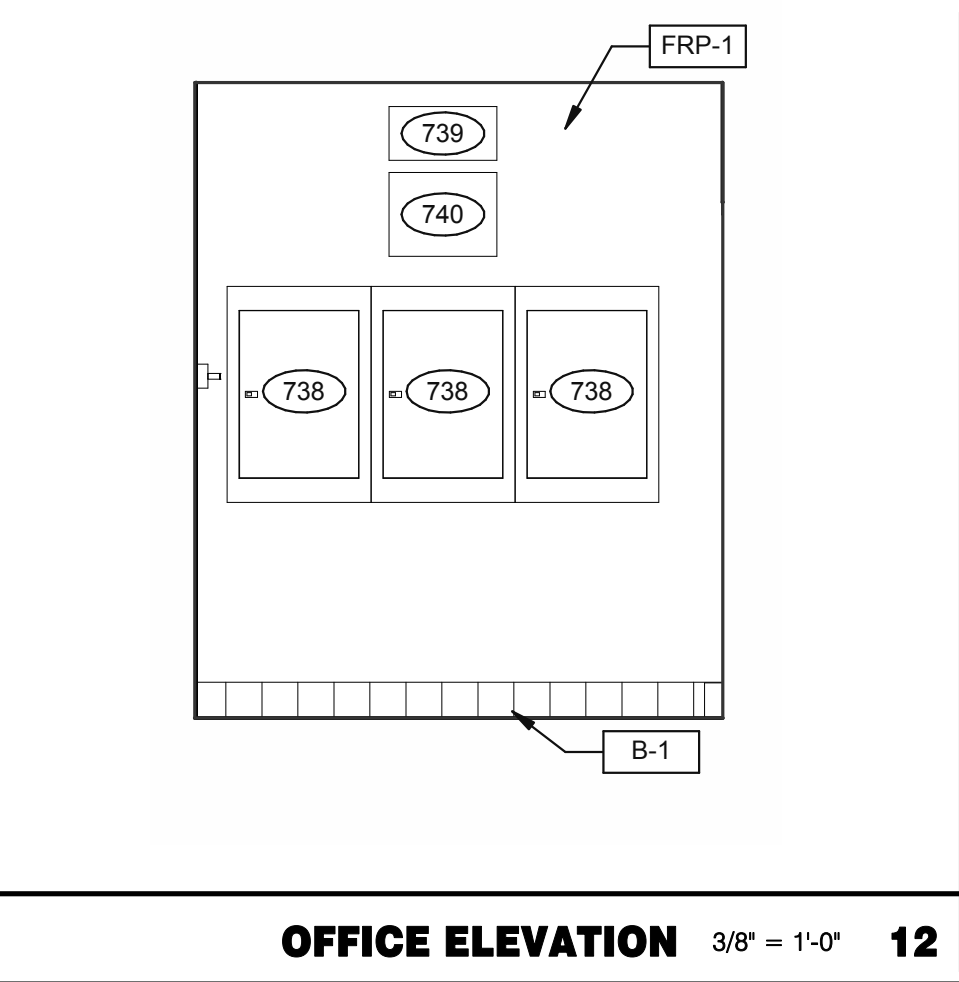
- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0
- C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
- D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES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



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



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



- 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
11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

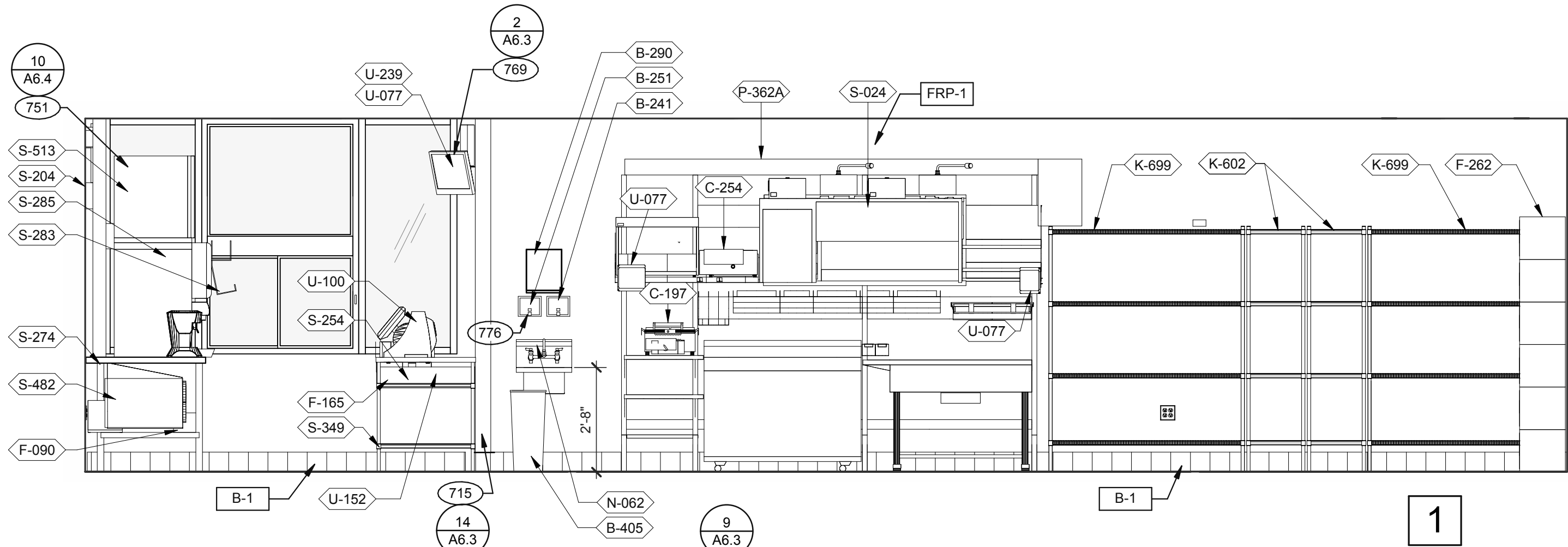
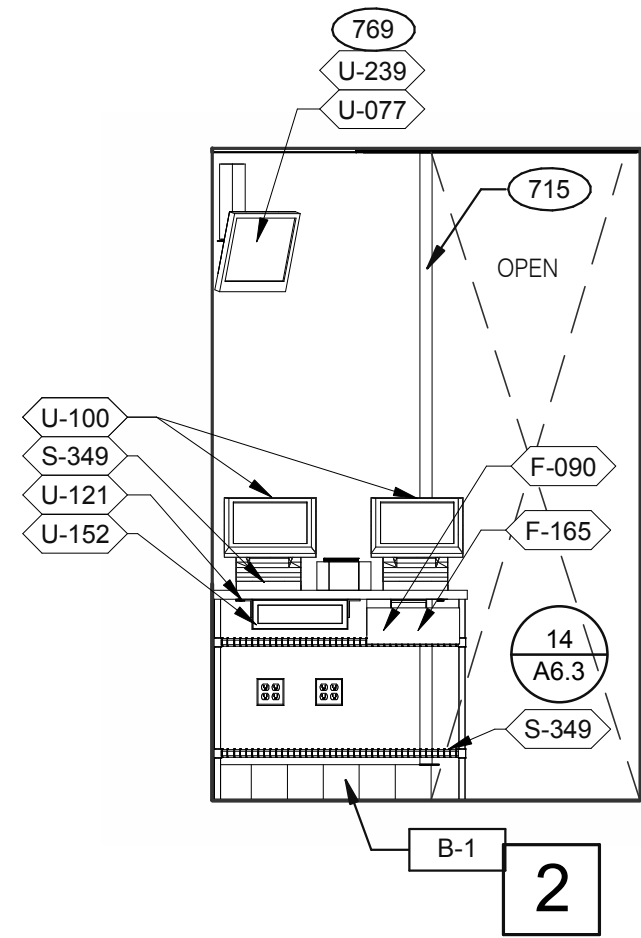
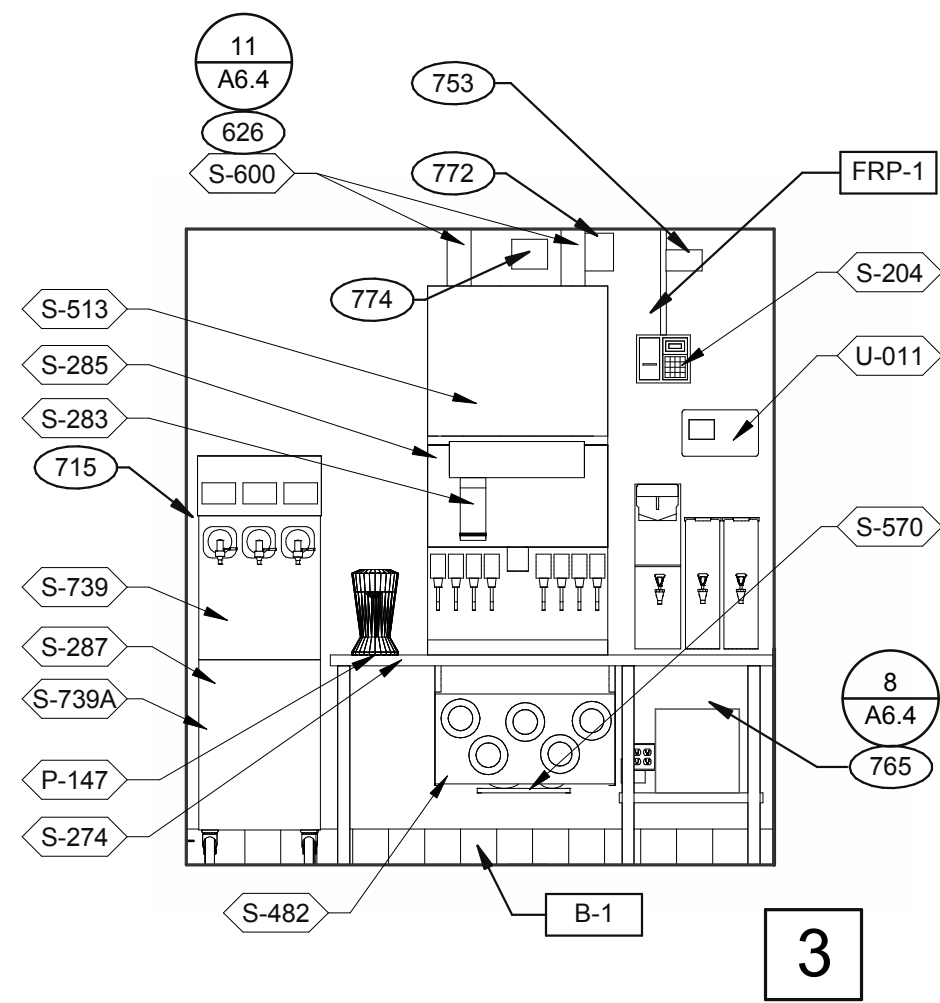
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
INTERIOR ELEV.  
ENLARGED  
RESTROOMS &  
OFFICE PLAN

A8.1

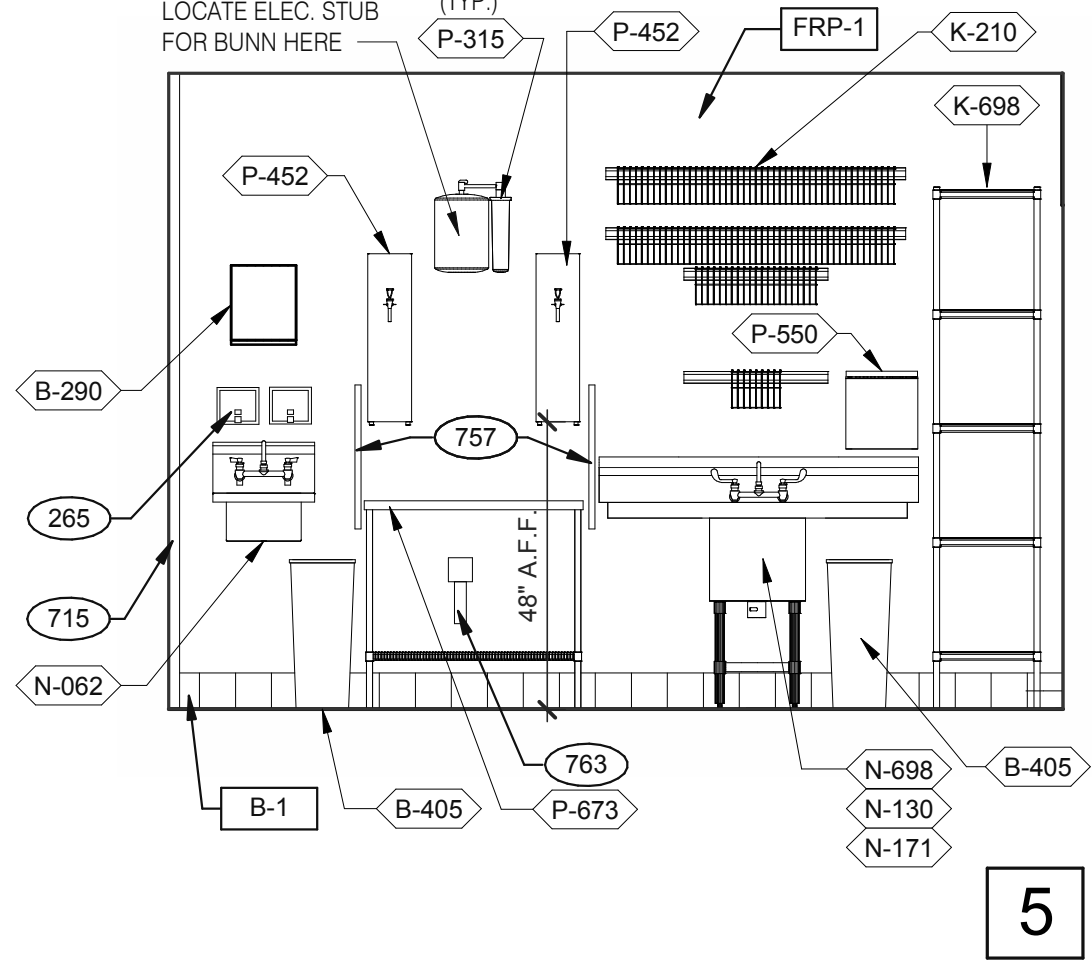
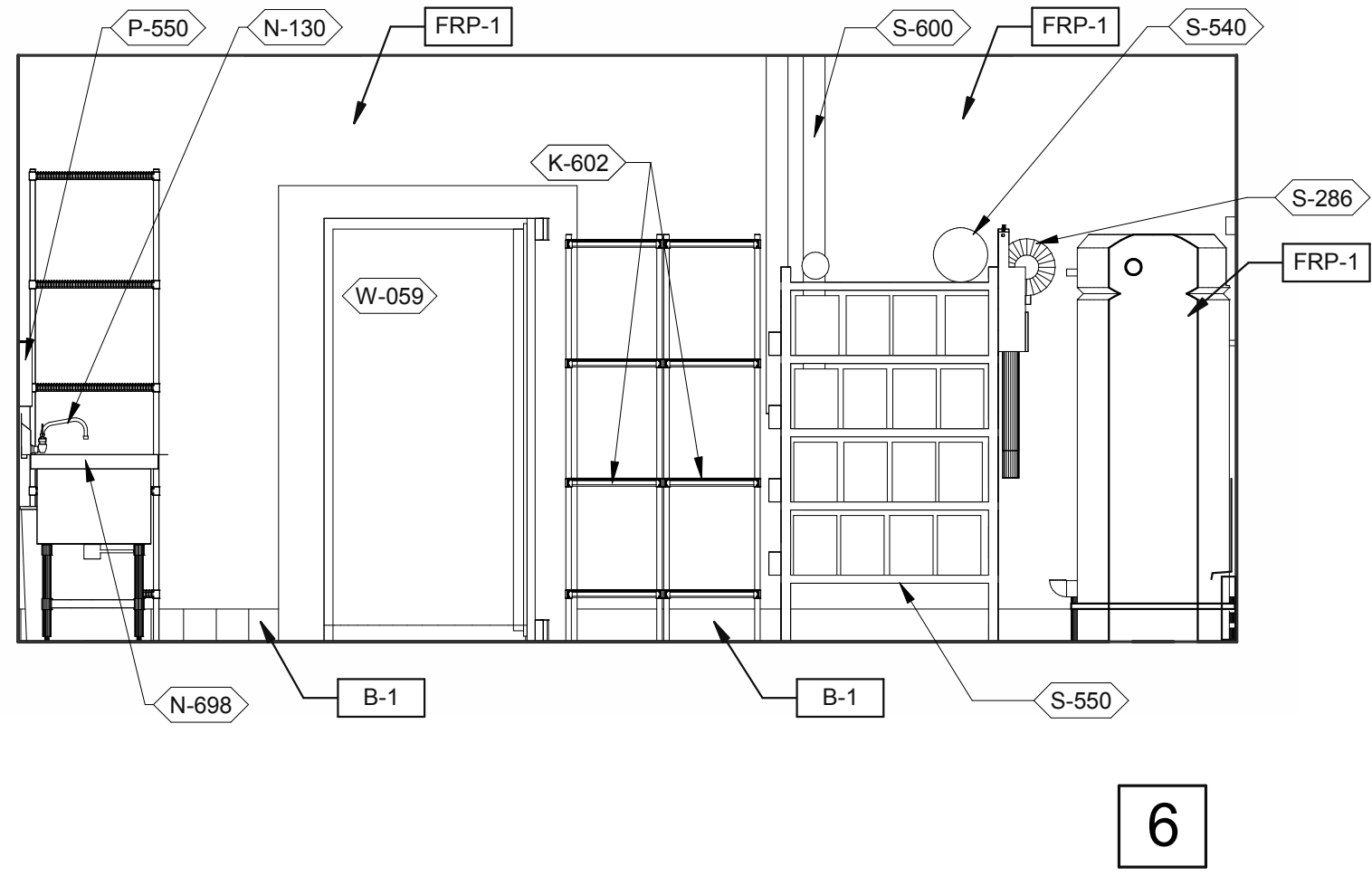
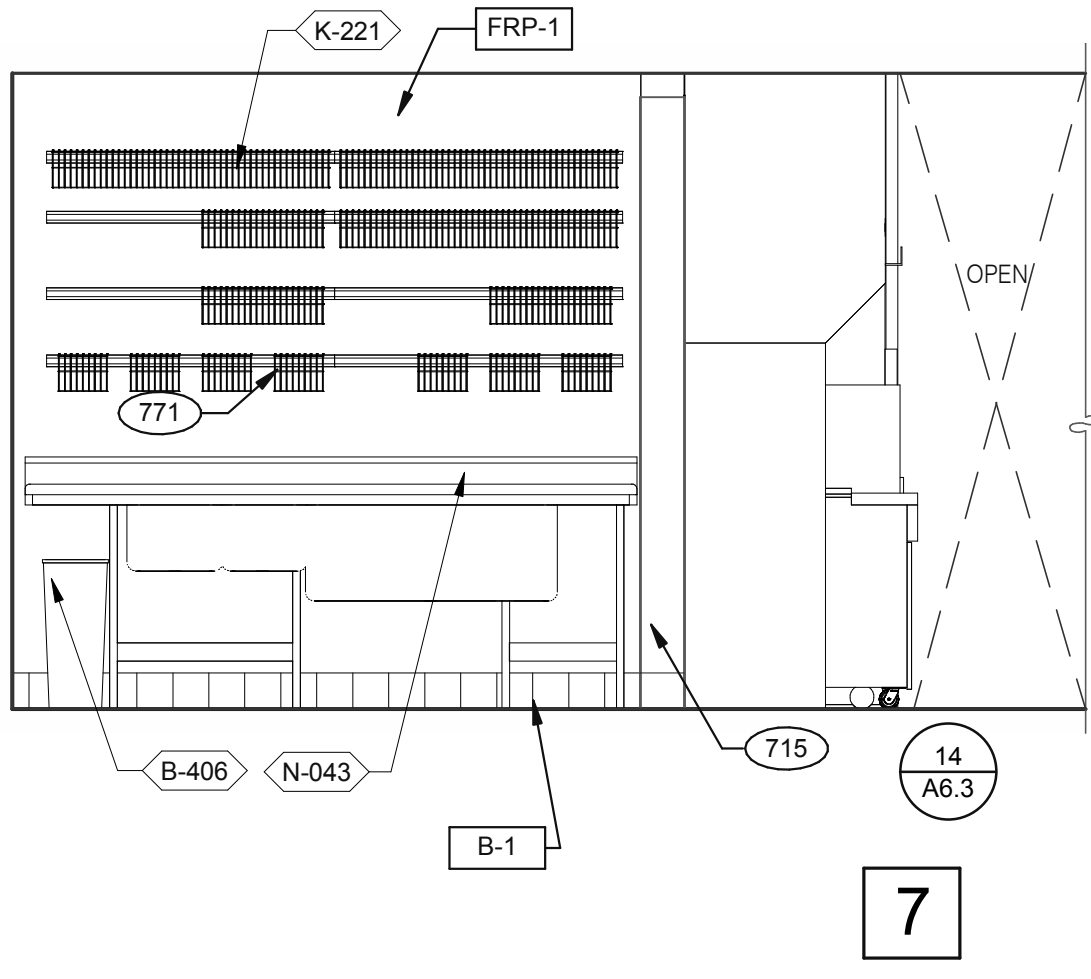
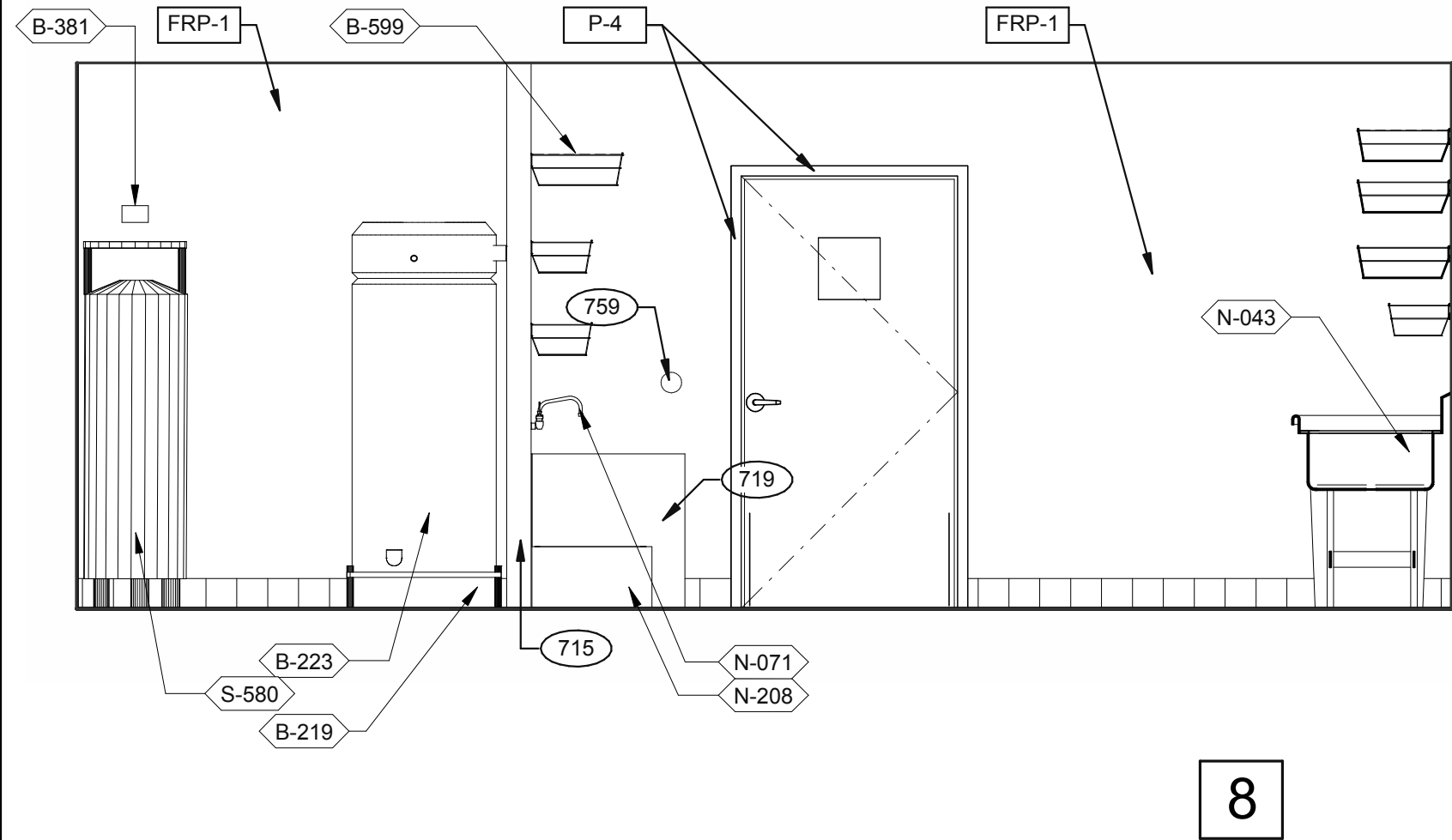
PLOT DATE: 3/31/2022 11:07:21 AM



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

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

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

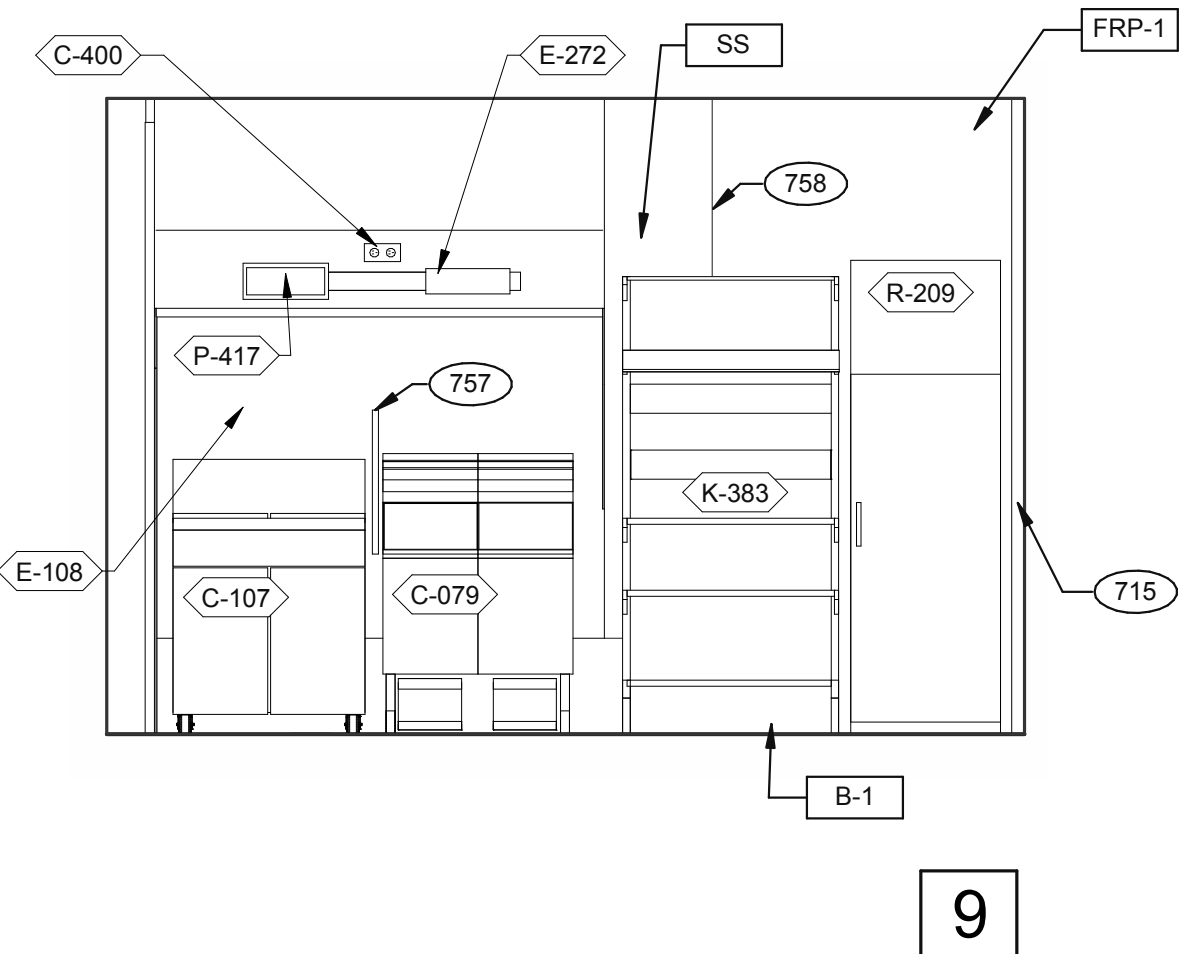
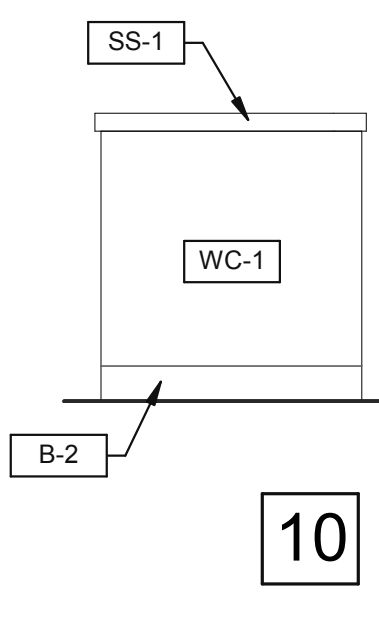
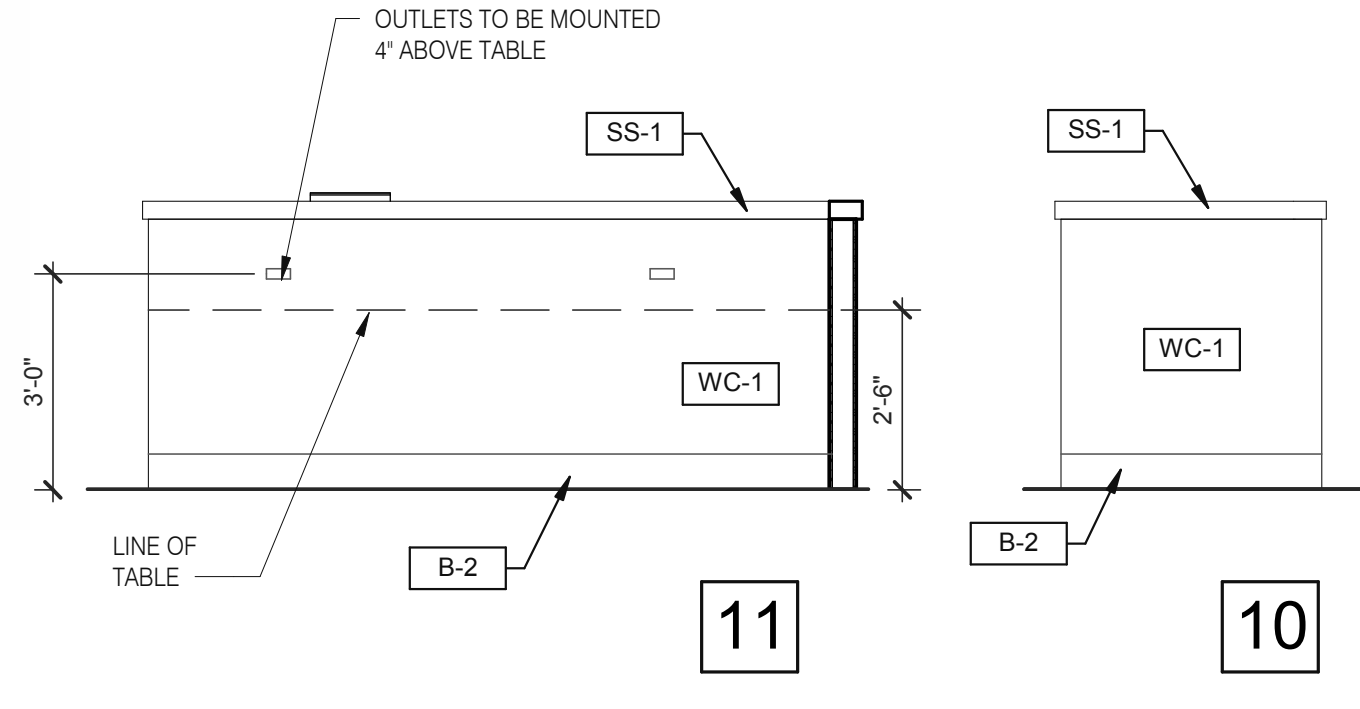
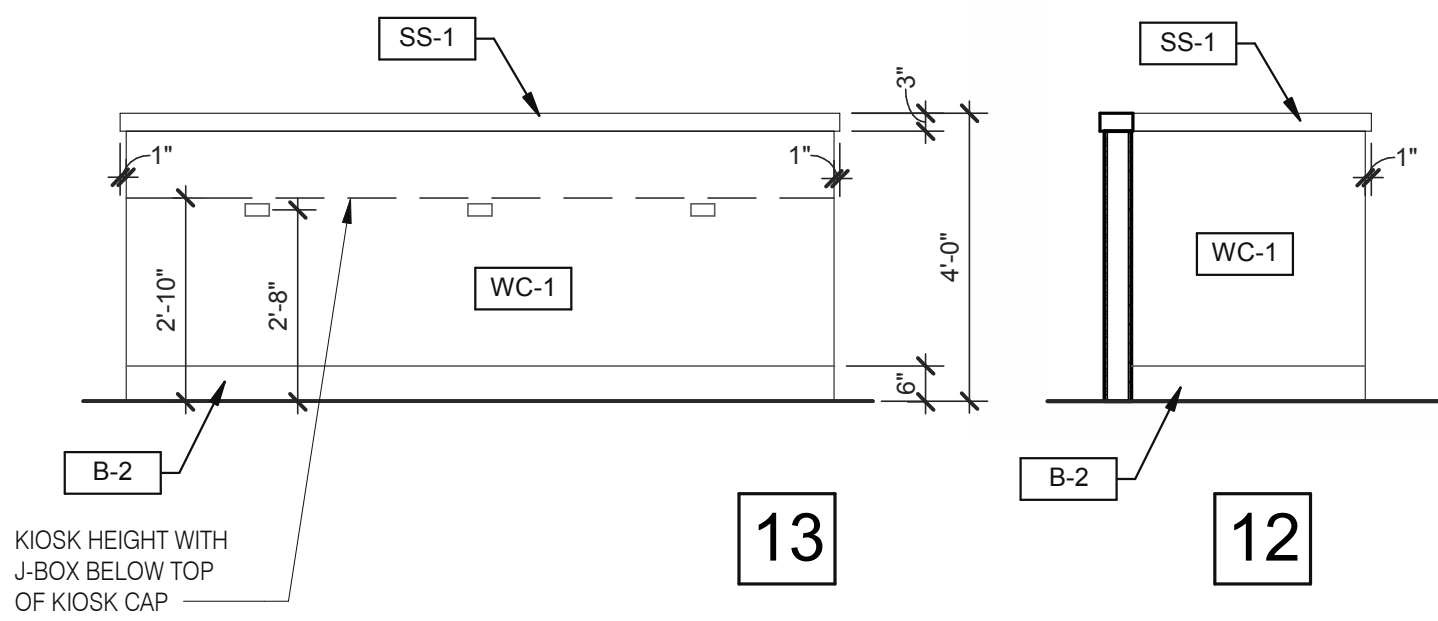


**UTILITY** 3/8" = 1'-0"

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

**UTILITY** 3/8" = 1'-0"

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



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

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

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

**KEY NOTES**

**B**

DATE	REMARKS
11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

**TACO BELL**

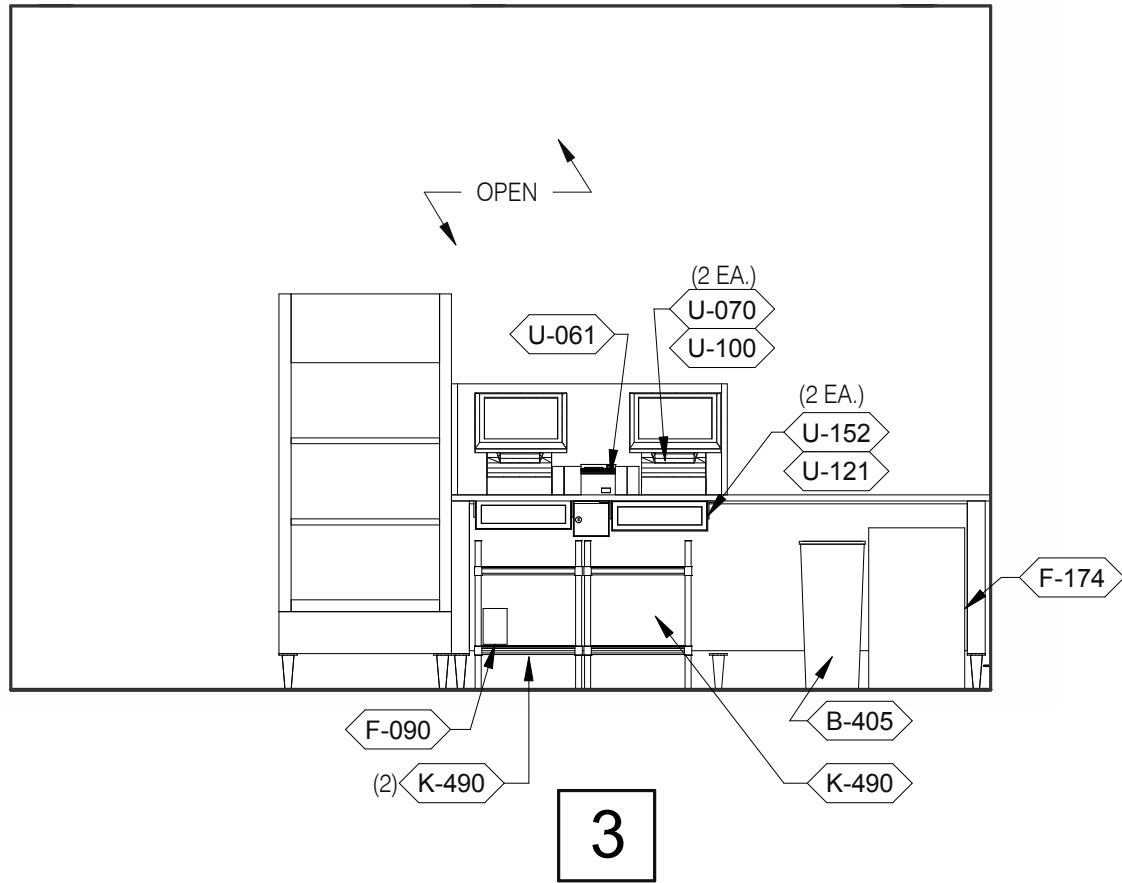
403 E. Main St.  
Cartersville, GA 30121



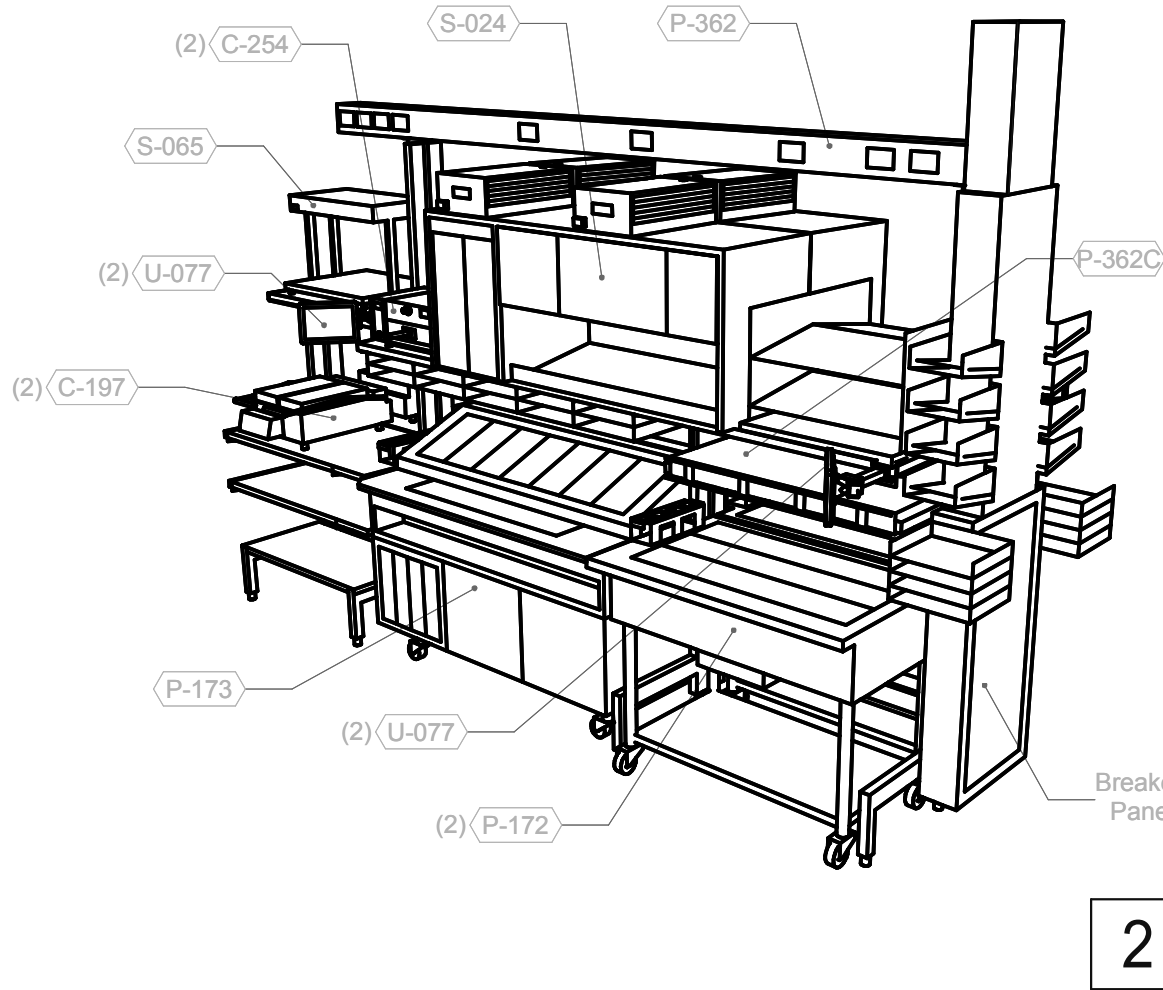
**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
KITCHEN**

**A8.2**

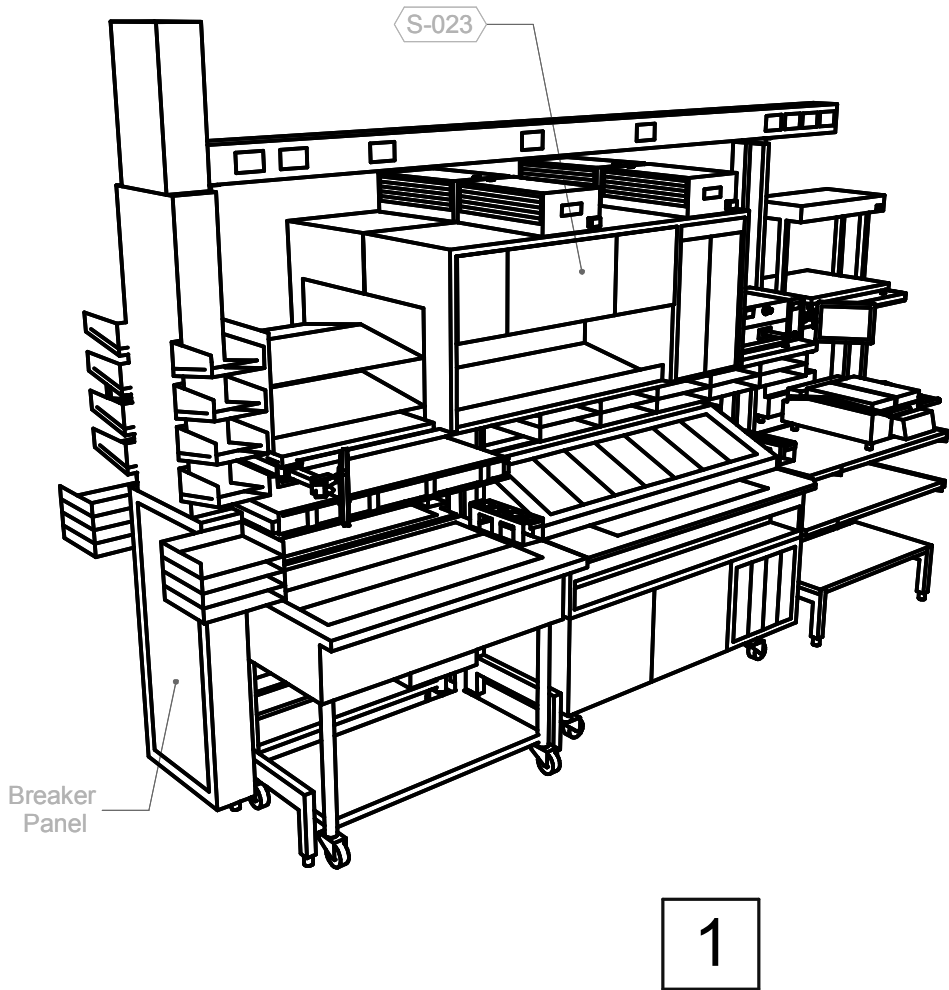
PLOT DATE: 3/31/2022 11:07:43 AM



**SERVING** 3/8" = 1'-0"

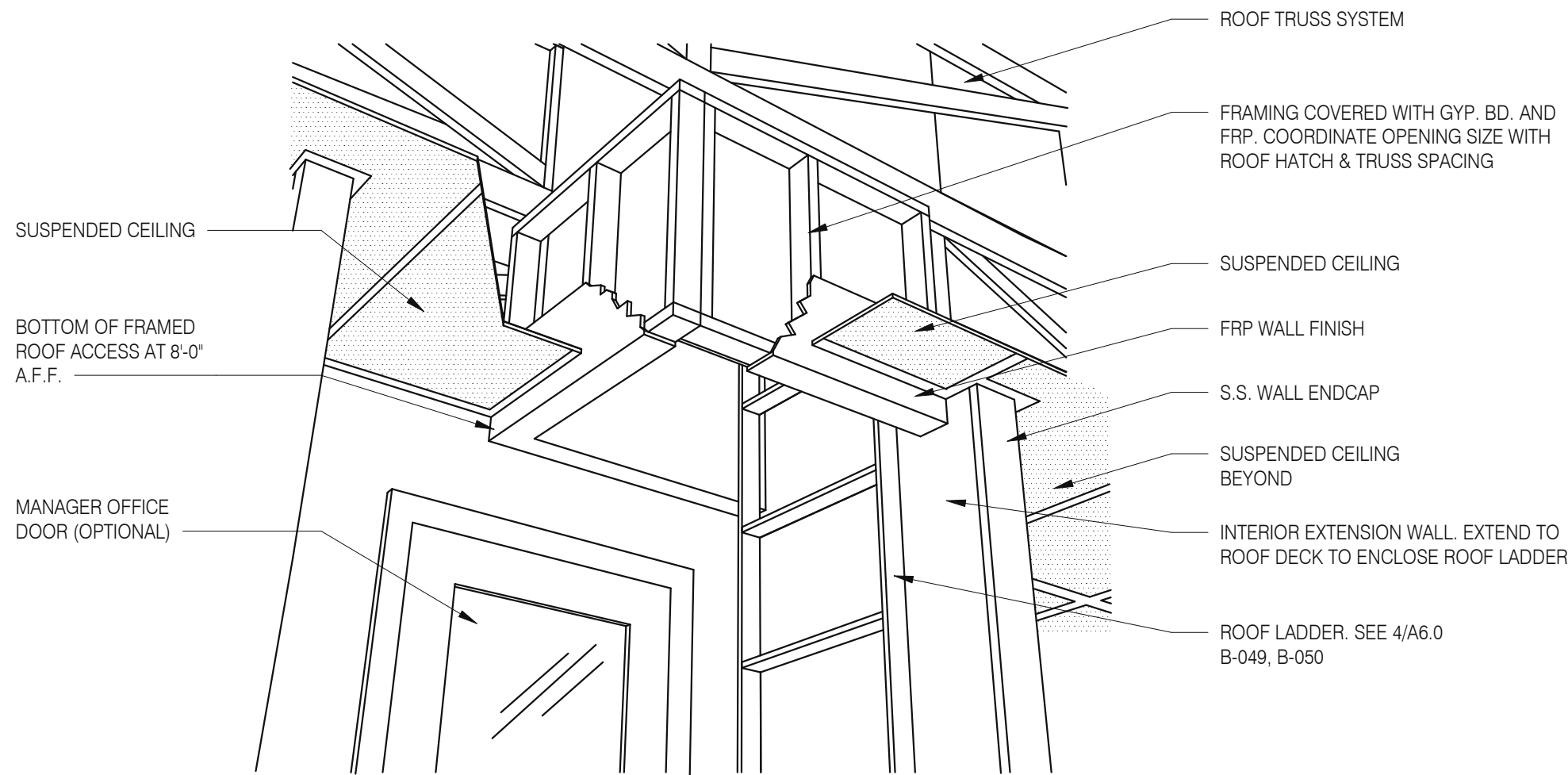


**2**

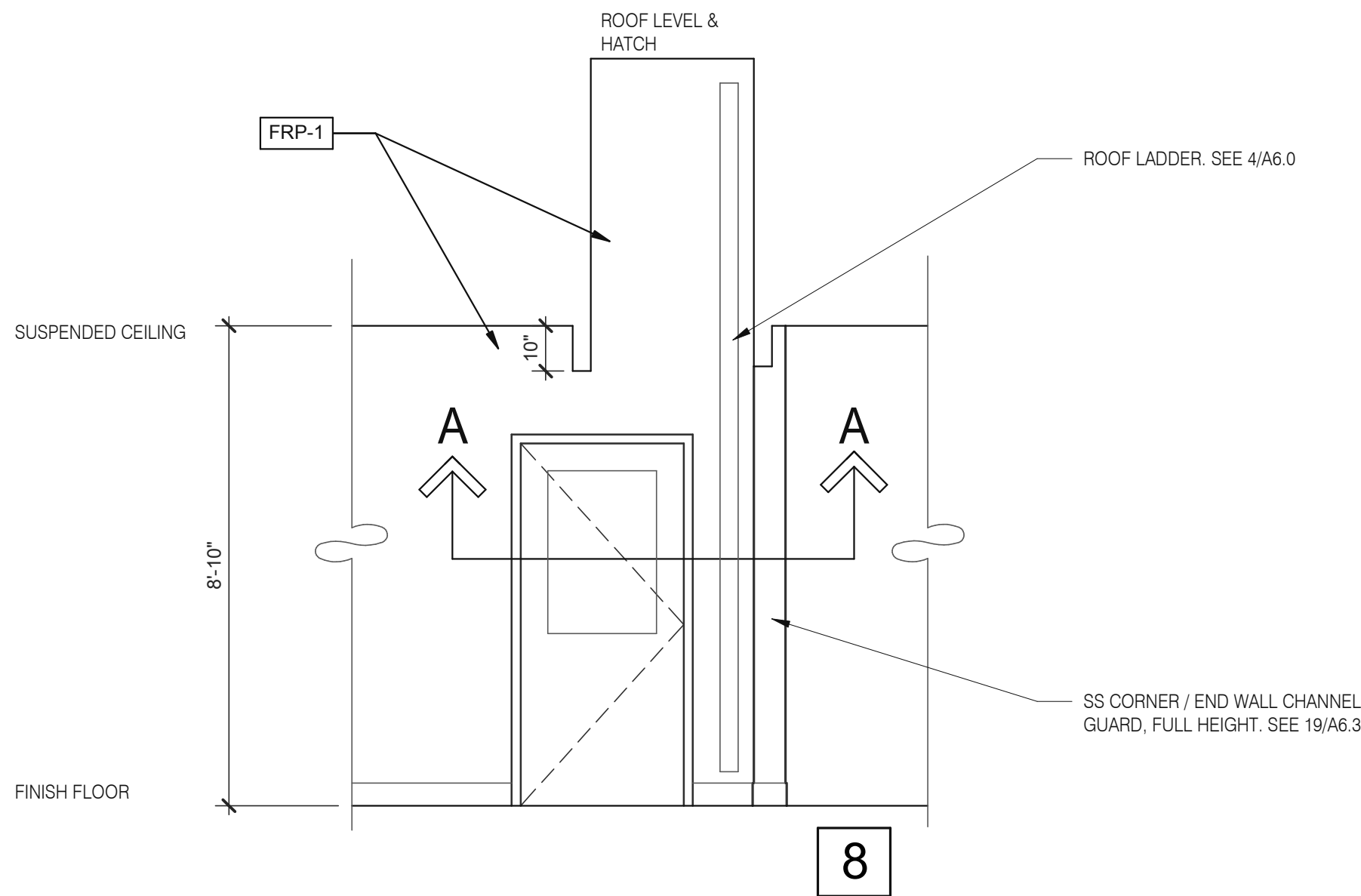


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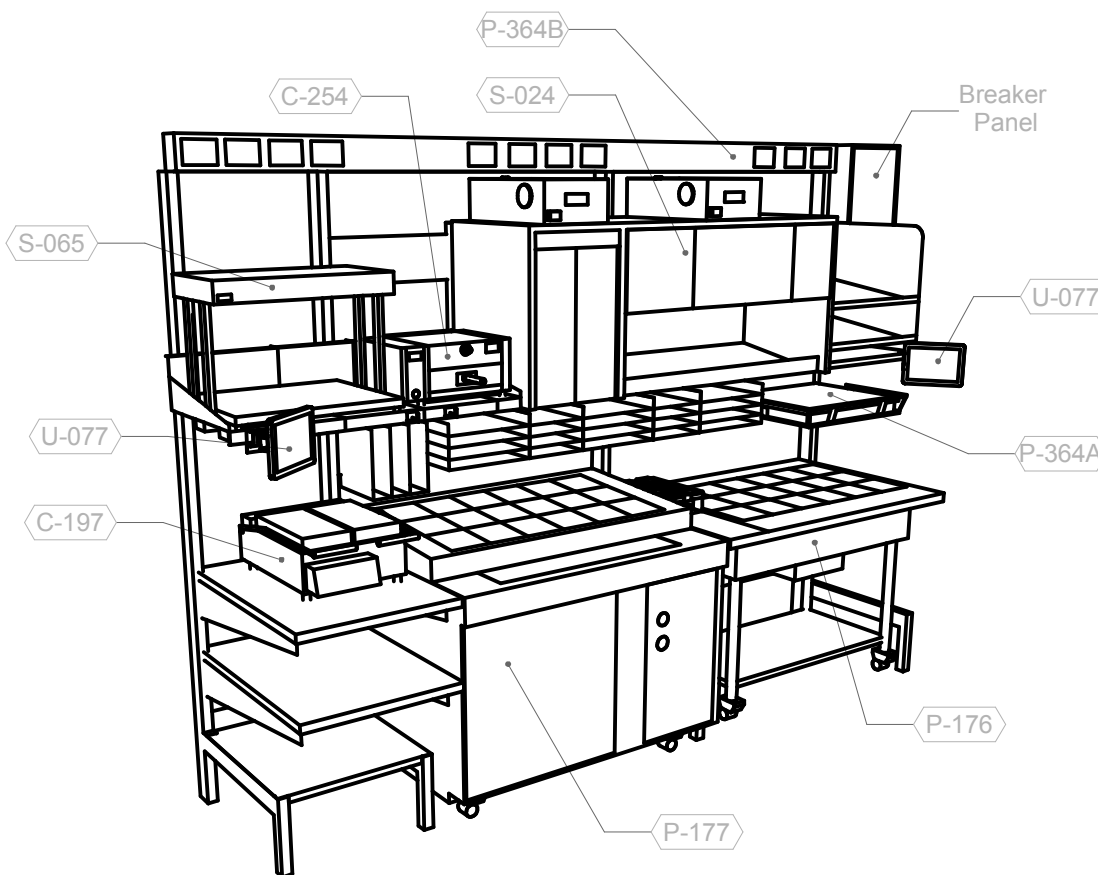
**P-362B FLEX DUAL-LINE** 3/8" = 1'-0"



**A - ROOF LADDER VIEW**



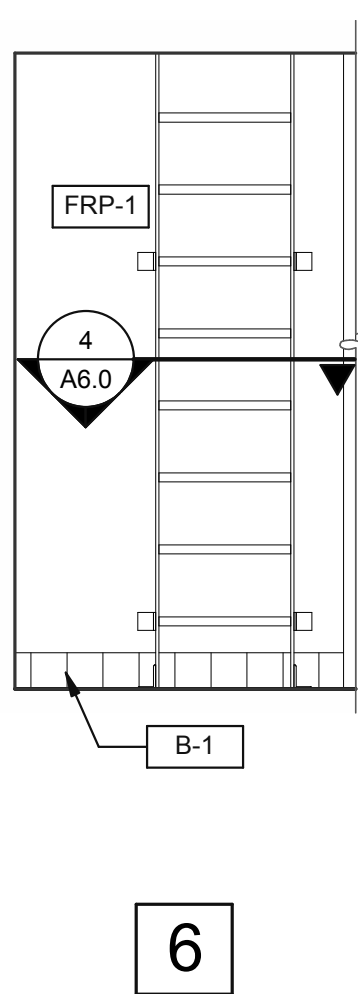
**ROOF ACCES PASSAGEWAY** 3/8" = 1'-0"



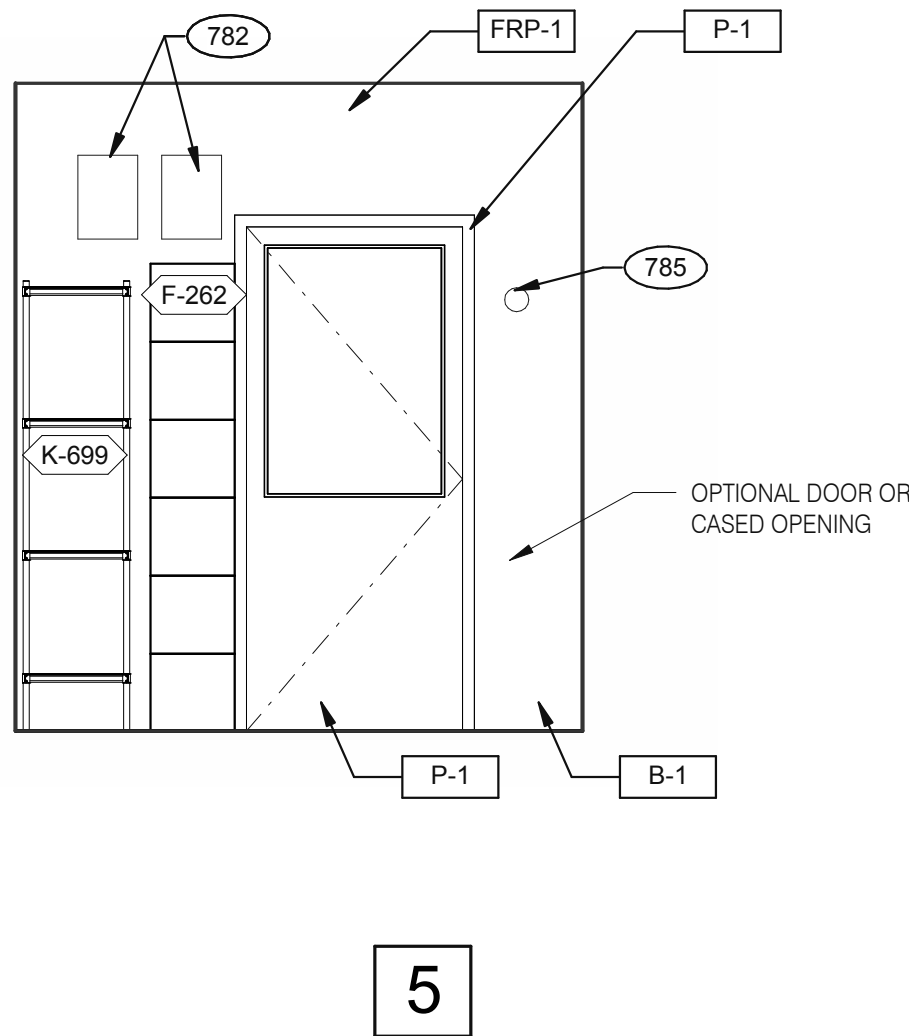
**P-362A FLEX I-LINE, L-R**

N.T.S.

**7**



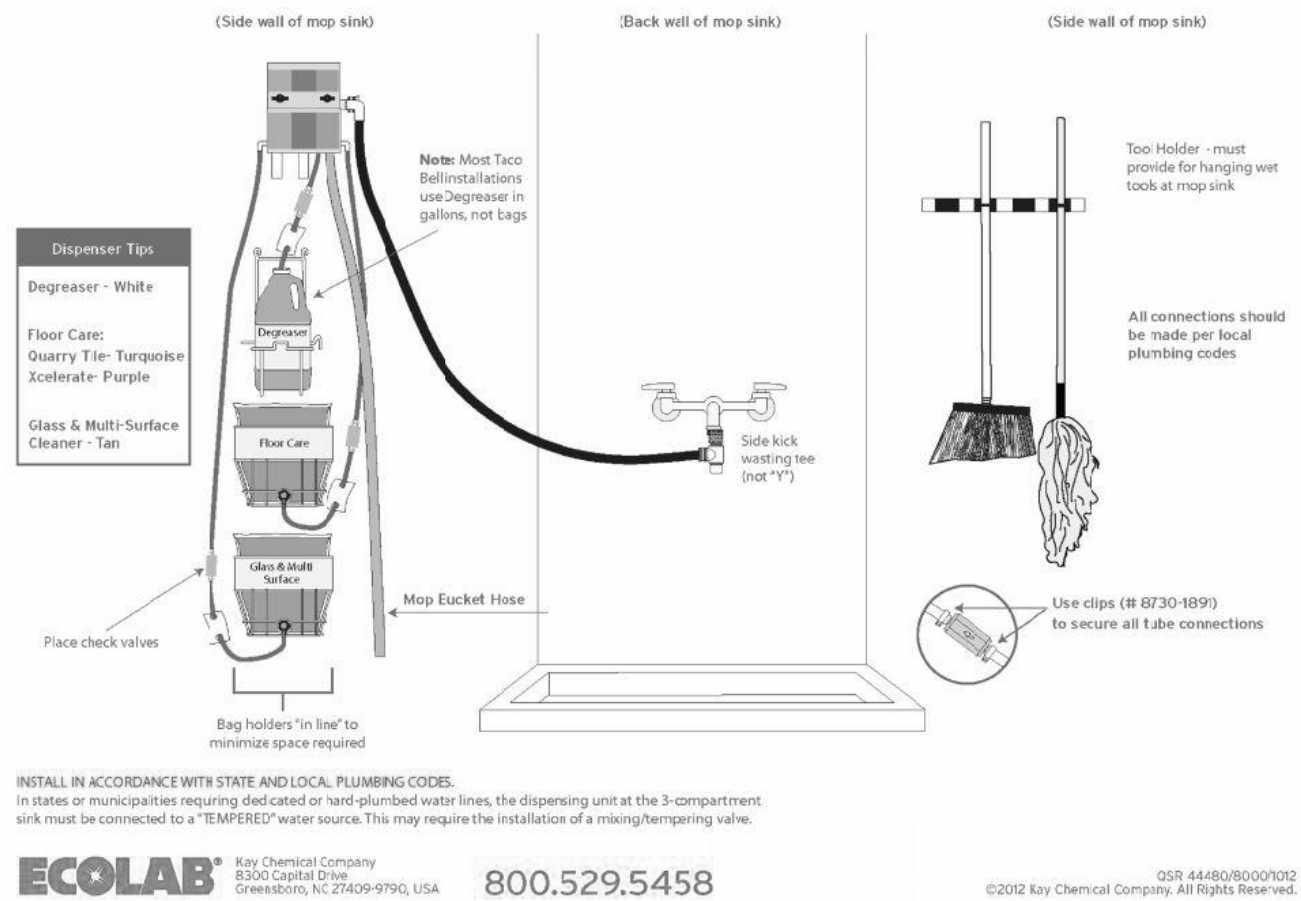
**6**



**5**

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

**Taco Bell Mop Sink Installation**



**MOP SINK INSTALLATION**

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

**KEYNOTE**

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4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
KITCHEN**

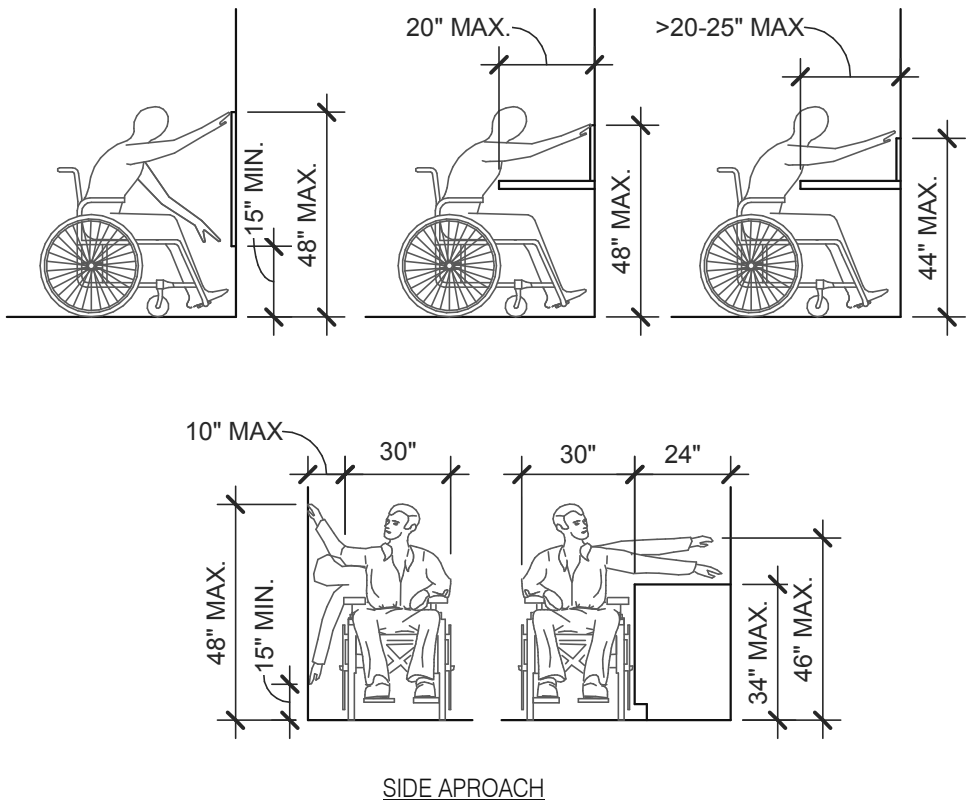
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PLOT DATE: 3/31/2022 11:07:50 AM



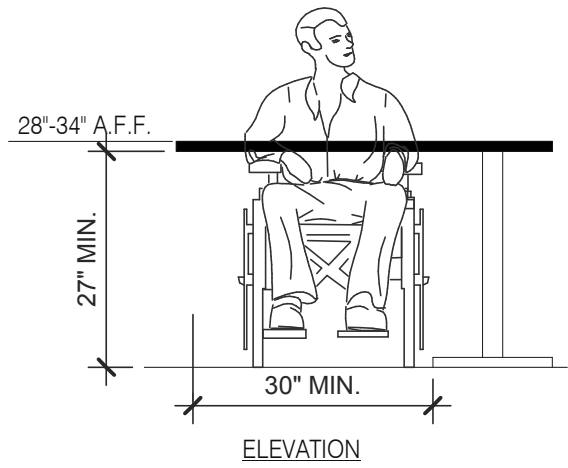
TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS

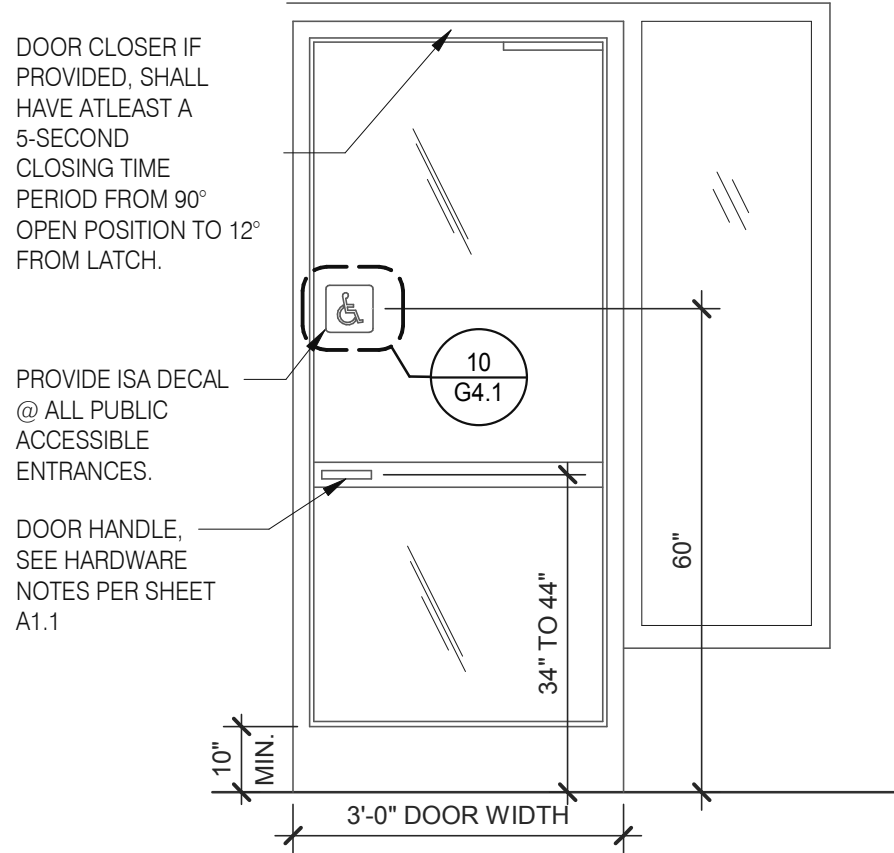


SIDE APPROACH

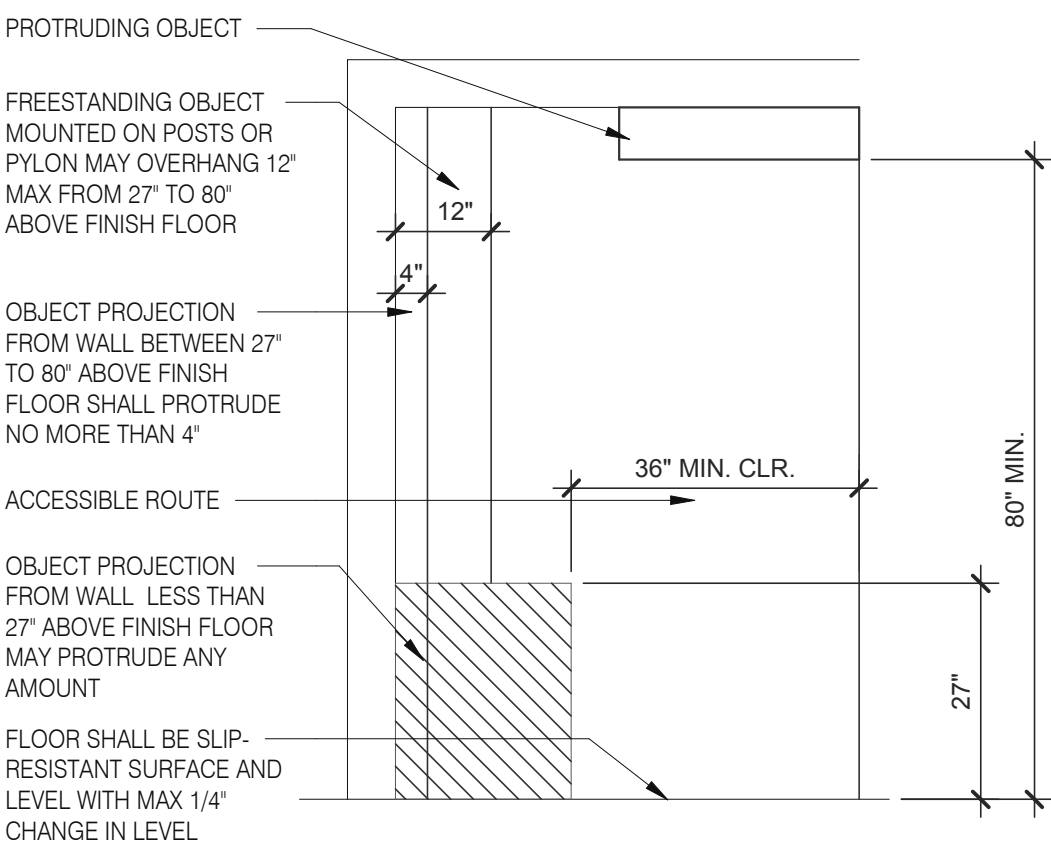
**REACH RANGES** 1/4" = 1'-0" **13**



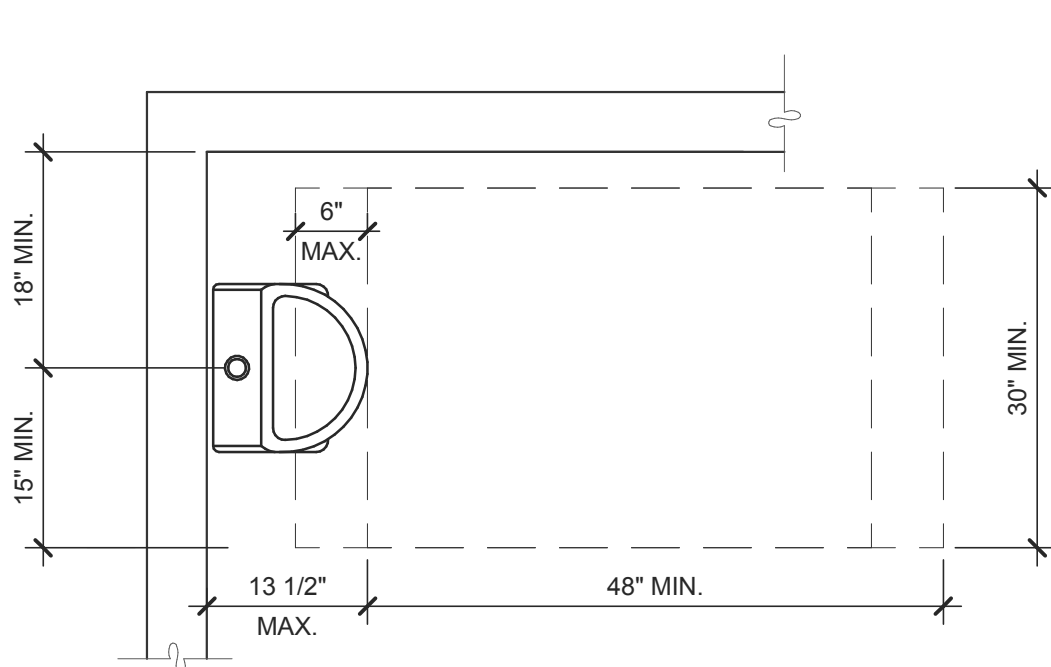
**SEATING AND TABLES** 1/2" = 1'-0" **18**



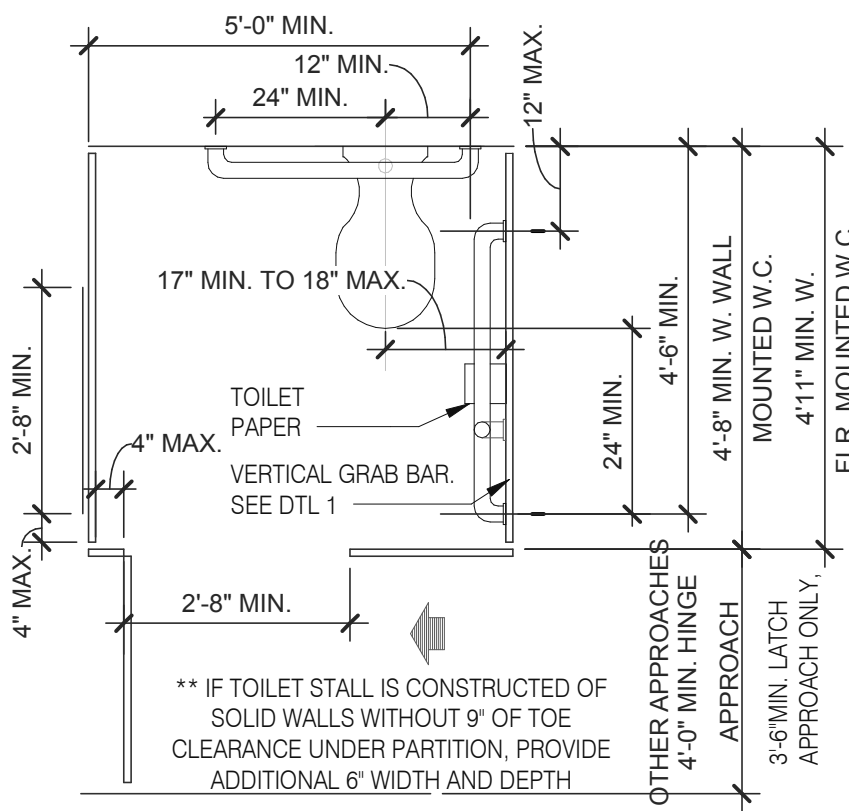
**TYP. ENTRANCE / EXIT DOOR** 3/8" = 1'-0" **14**



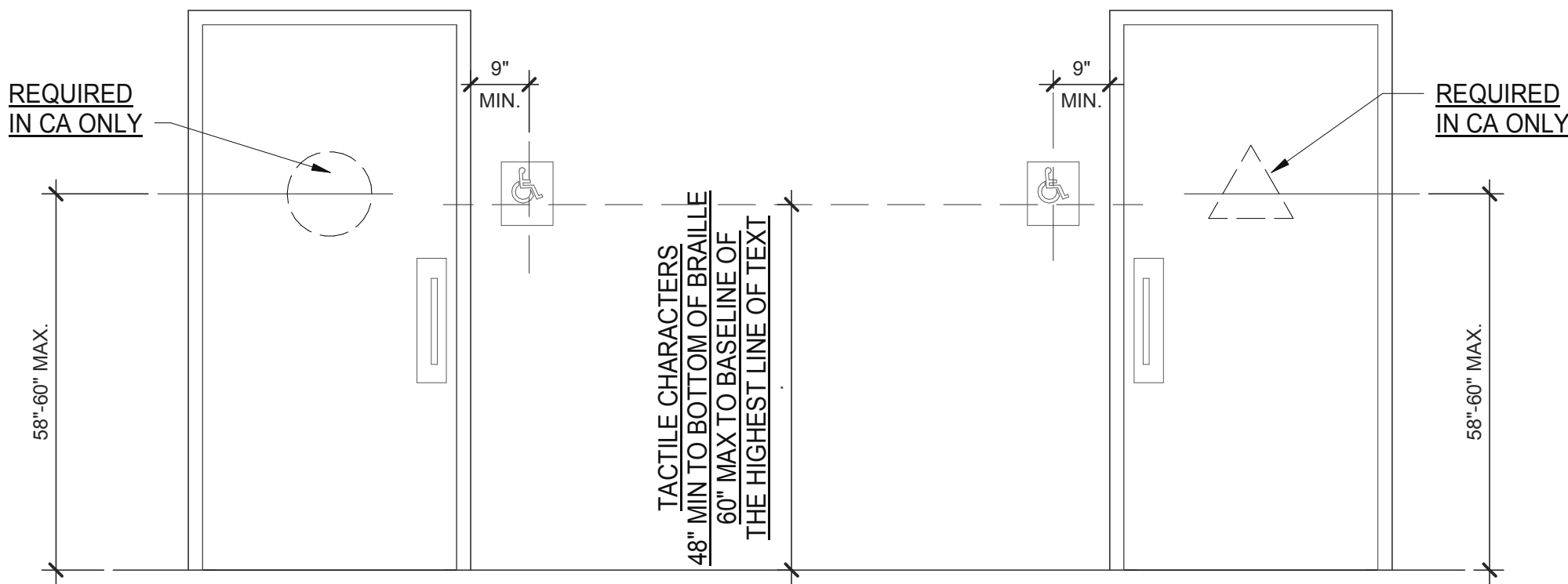
**INT. ACCESS. ROUTE CLEARANCES** 1/2" = 1'-0" **10**



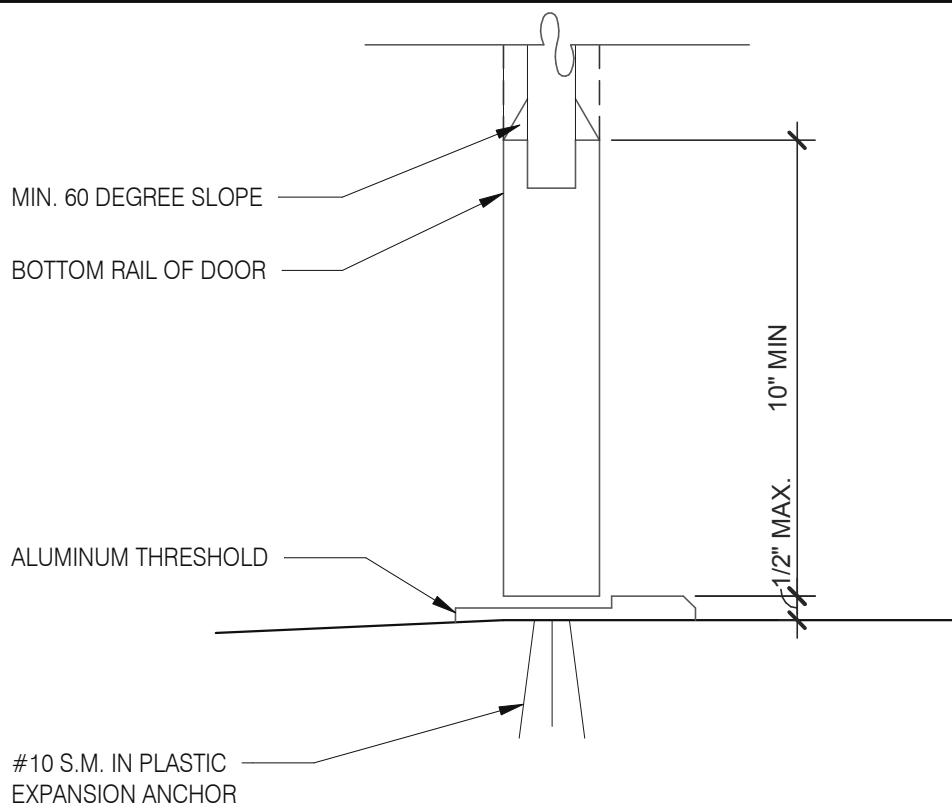
**ACCESSIBLE URINAL** 3/4" = 1'-0" **6**



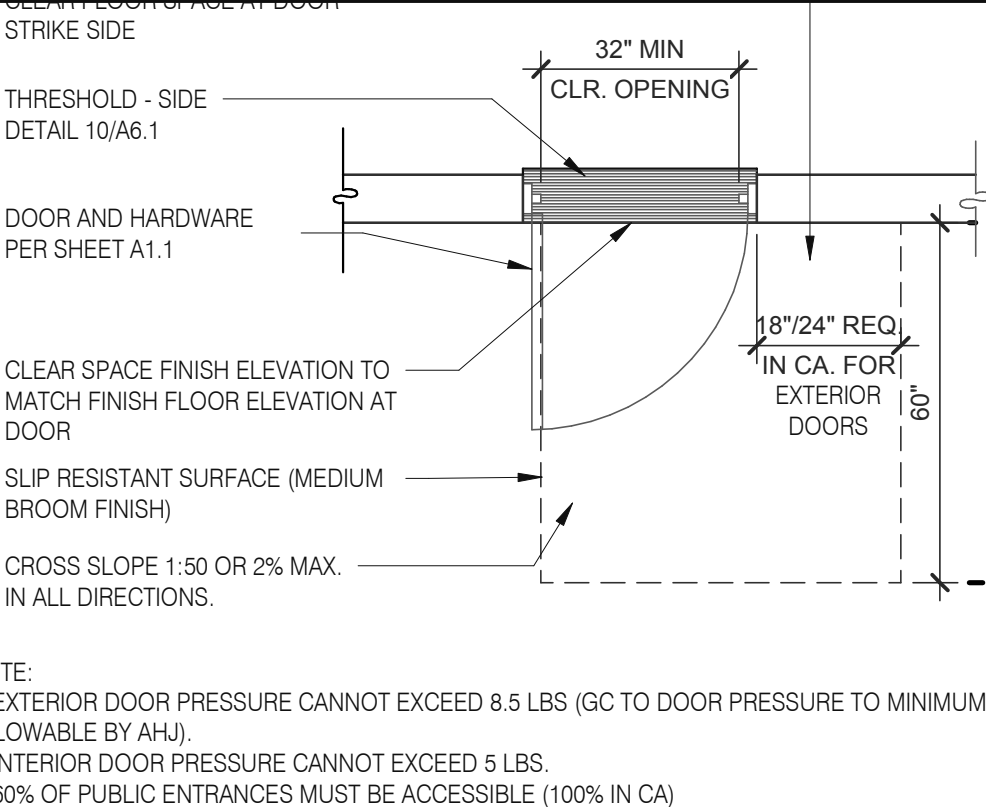
**STANDARD TOILET STALL** 1/2" = 1'-0" **2**



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

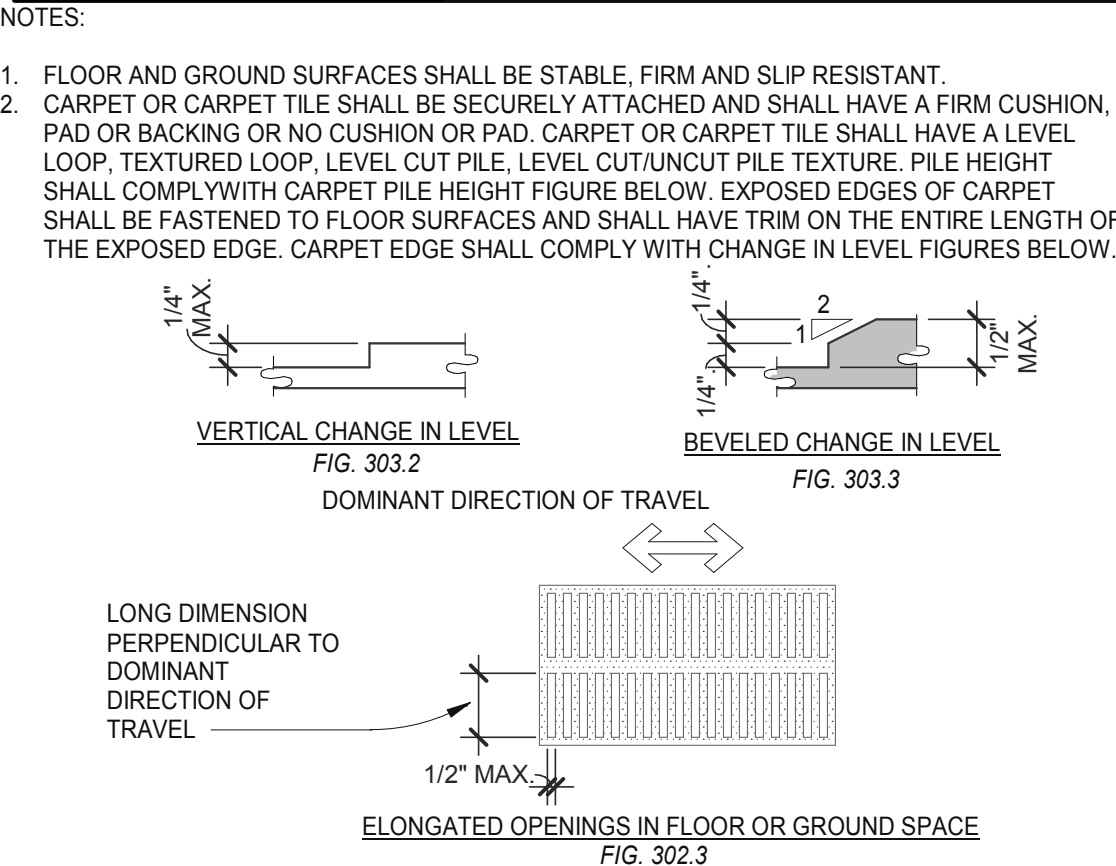


**BOTTOM RAIL (EXTERIOR DOOR)** 3" = 1'-0" **20**

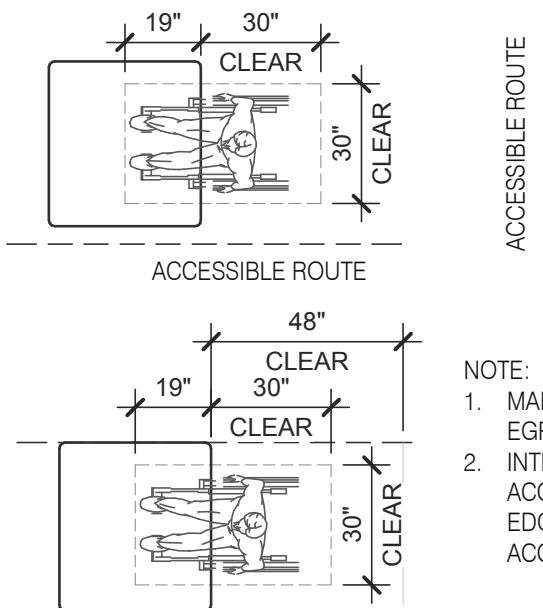


**EXTERIOR DOOR REQUIREMENTS** 3/8" = 1'-0" **16**

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



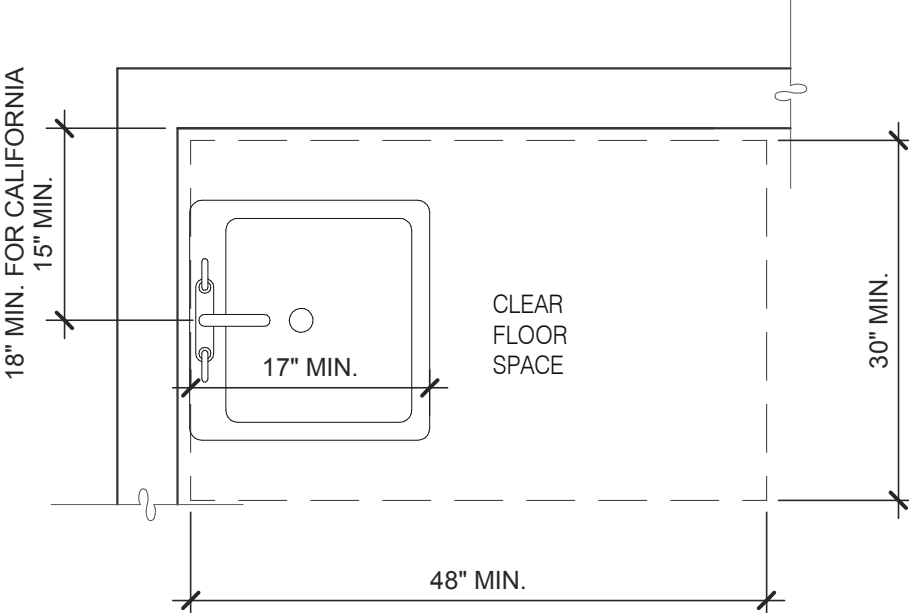
**CHANGES IN LEVEL** 1/2" = 1'-0" **12**



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

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

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



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

**GENERAL NOTES** **4**

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**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
ACCESSIBILITY  
REQUIREMENTS**

**ADA1.0**

PLOT DATE: 3/31/2022 11:07:53 AM

## ACCESSIBILITY NOTES

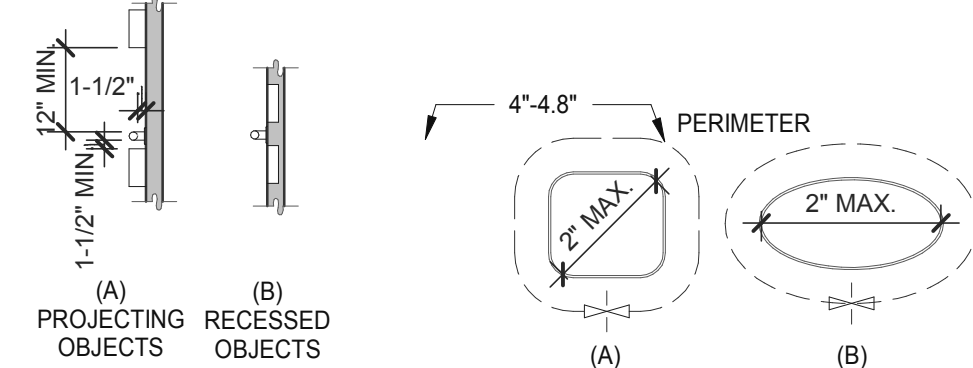
- "THE ACCESSIBILITY GUIDELINES AND CODES" MENTIONED BELOW REFER TO ALL APPLICABLE LOCAL/STATE BUILDING CODES REFERENCED ON THE PROJECT DATA SHEET OF THIS SET IN ADDITION TO THE FEDERAL REQUIREMENTS OF THE ADA (THE AMERICANS WITH DISABILITIES ACT).
- DETAILS ON THIS SHEET ARE FOR REFERENCE ONLY. REFER 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.

CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.

SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.

POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION. 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES MINIMUM AND 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.

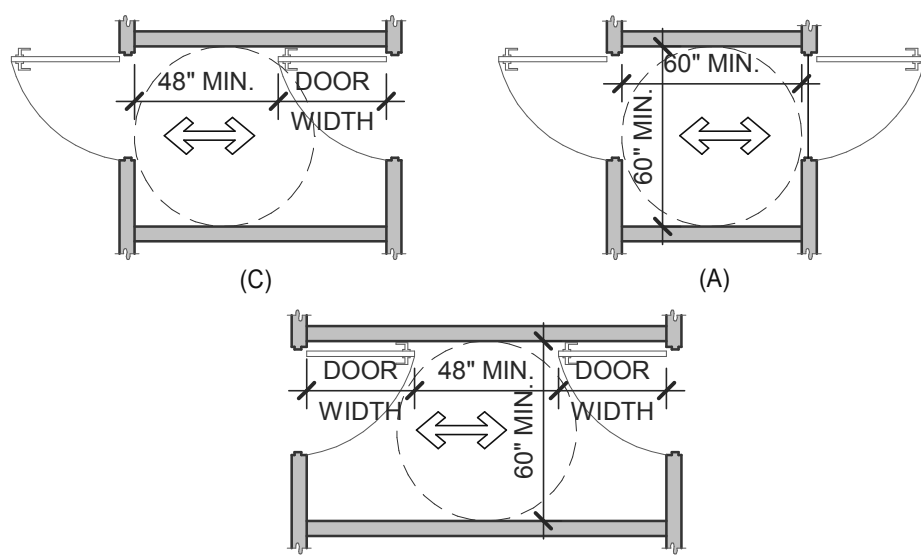
BACKING. PROVIDE MIN. 6 INCHES x 16 GA CONTINUOUS SHEET METAL BACKING ATTACHED TO MIN. 3 STUD BAYS WITH #10 FLAT HEAD SHEET METAL SCREWS. INSTALL GRAB BARS PER MANUFACTURER'S REQUIREMENTS.



SPACING OF GRAB BARS GRAB BAR NON-CIRCULAR CROSS SECTION

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

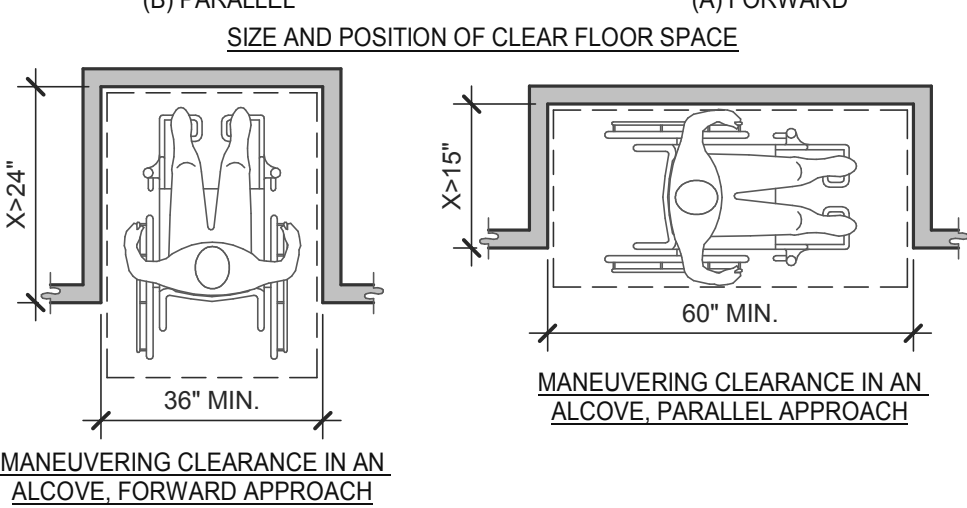
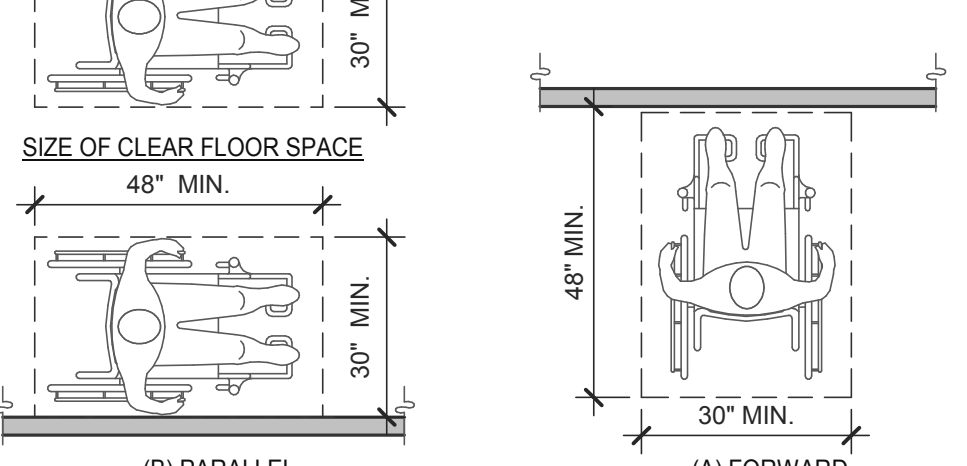
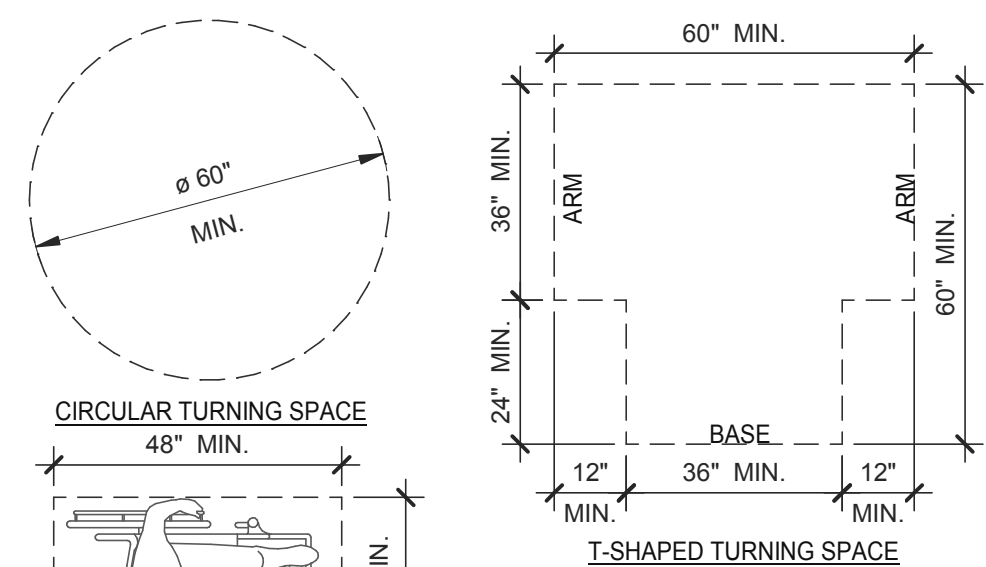
5



TWO DOORS IN SERIES

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

6

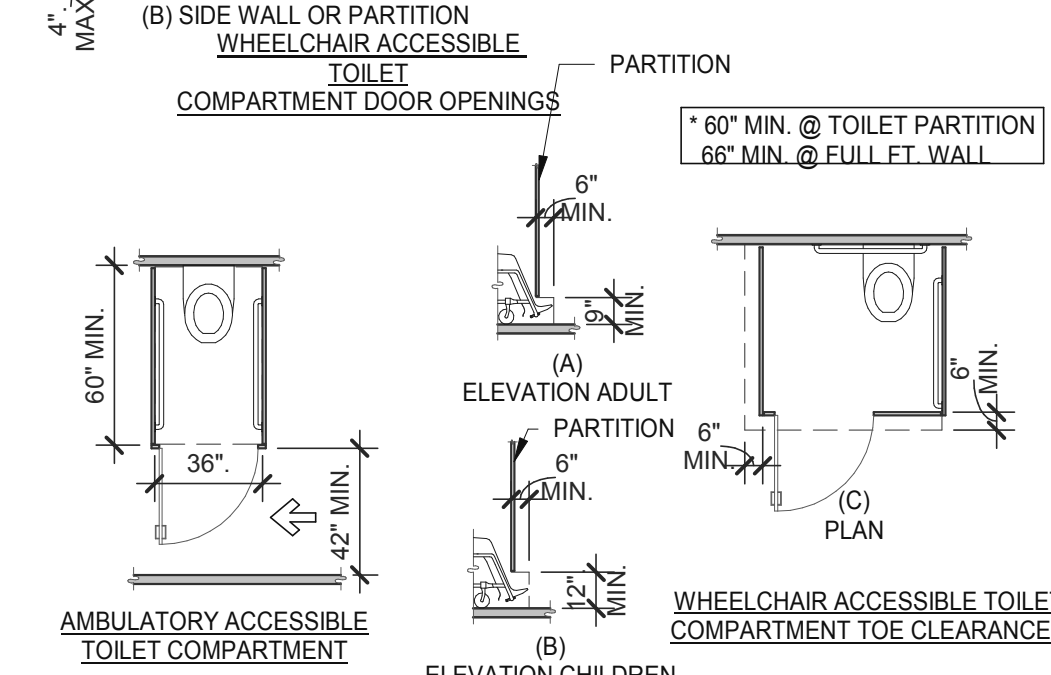
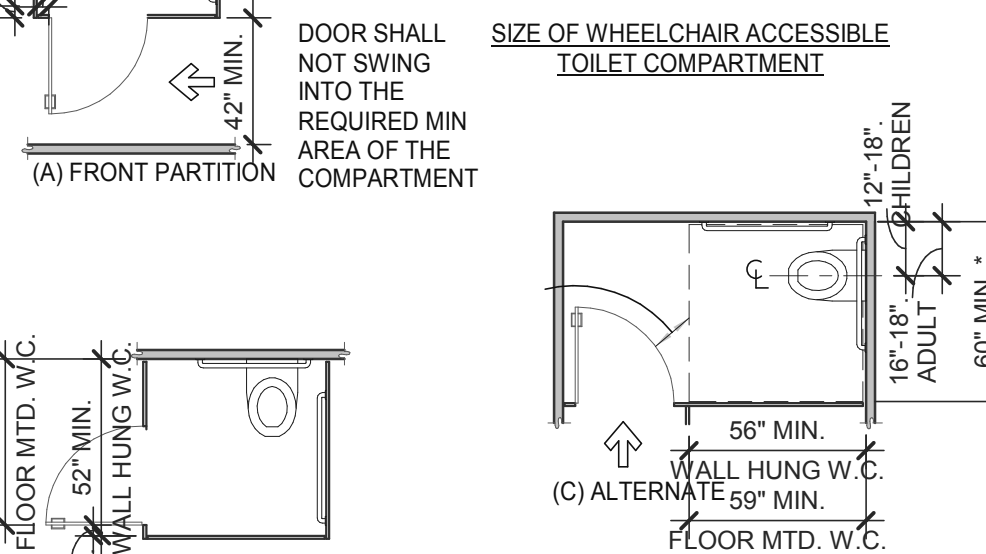
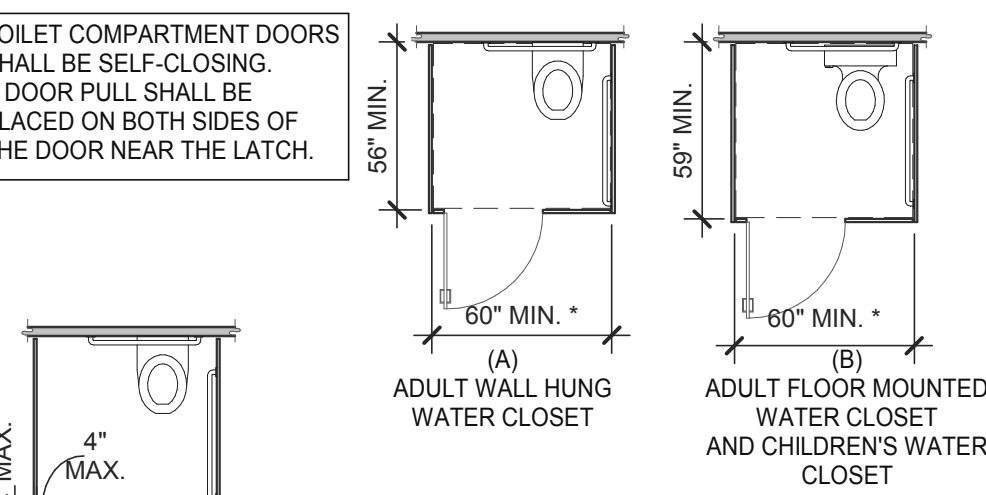


CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0"

8

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

4



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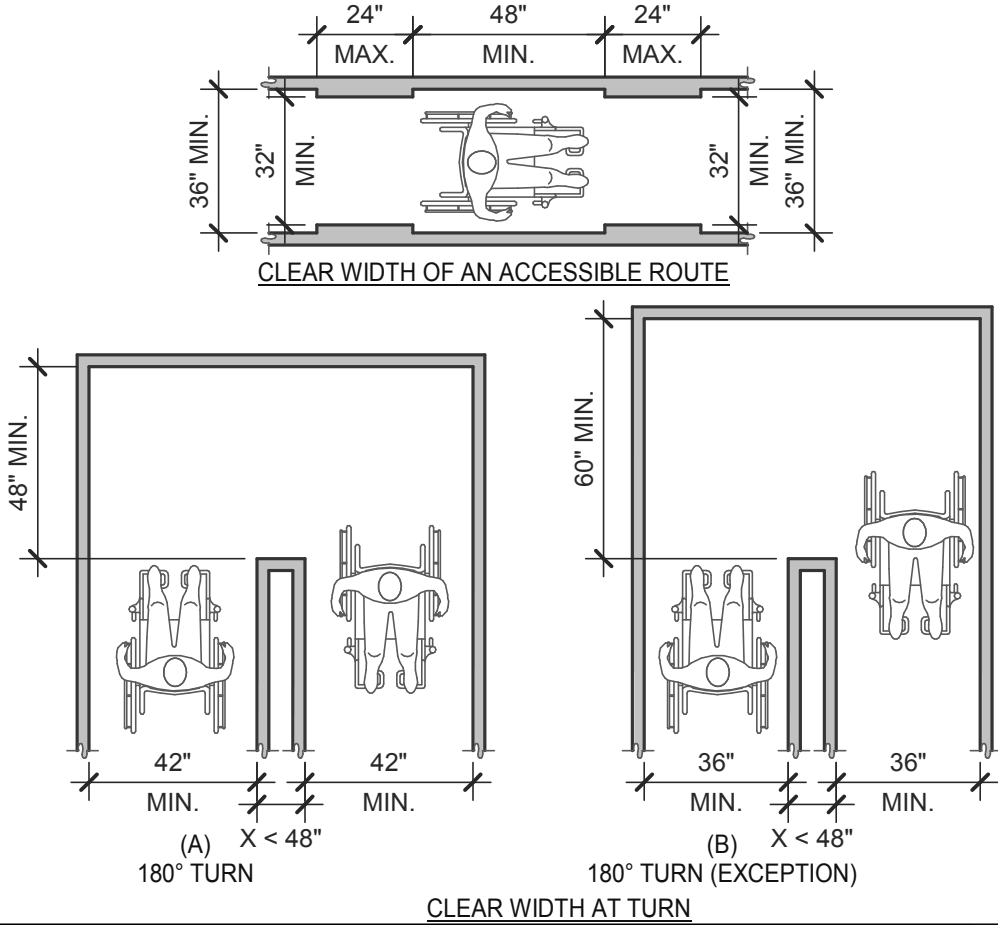
TACO BELL

403 E. Main St.  
Cartersville, GA 30121

ENDEAVOR 2.0  
**ACCESSIBILITY  
REQUIREMENTS**

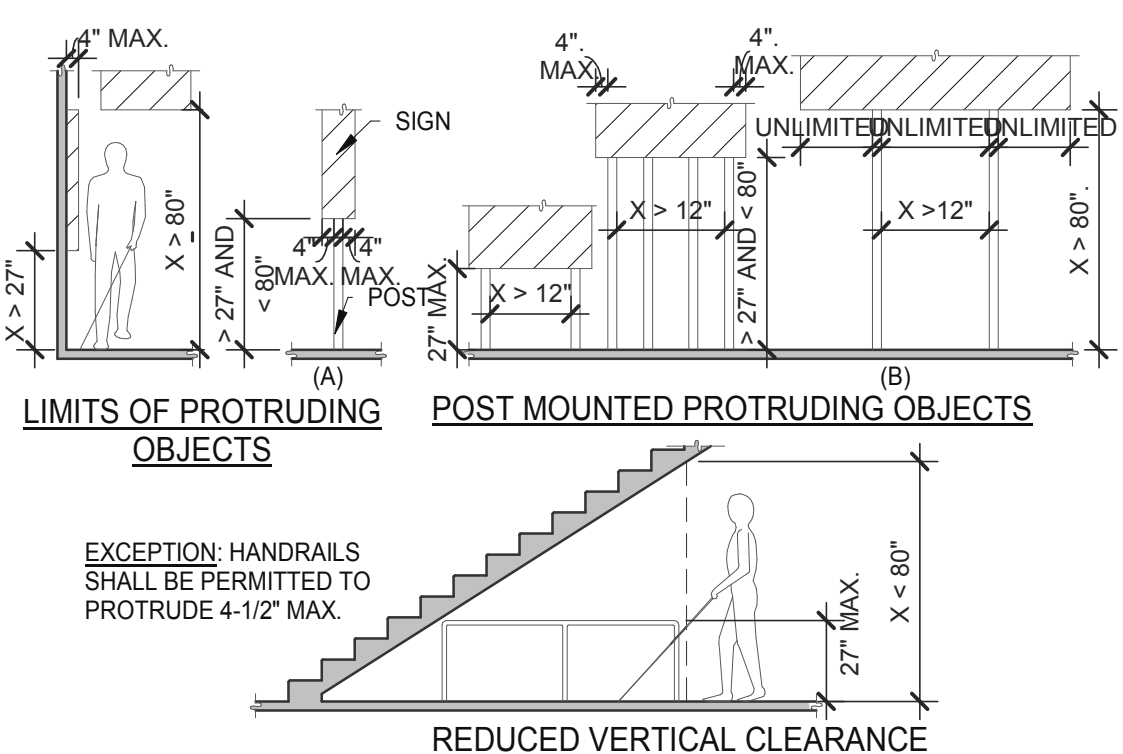
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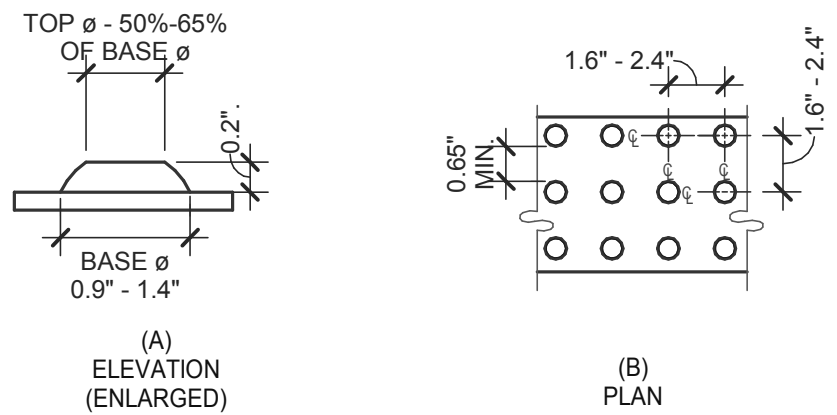
CLEAR WIDTH 1/4" = 1'-0"

17



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

13



SIZE AND SPACING OF TRUNCATED DOMES

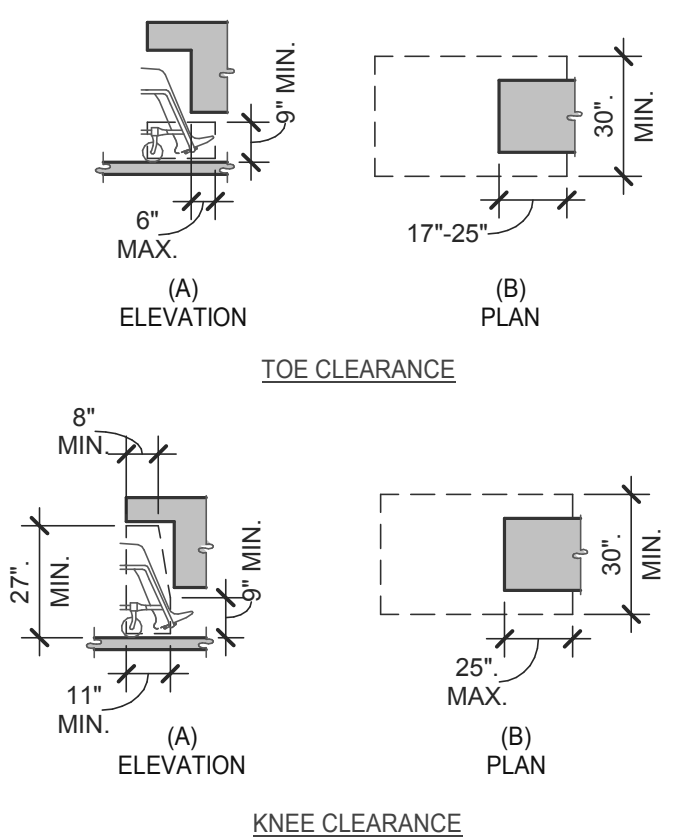
DETECTABLE WARNINGS 3" = 1'-0"

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

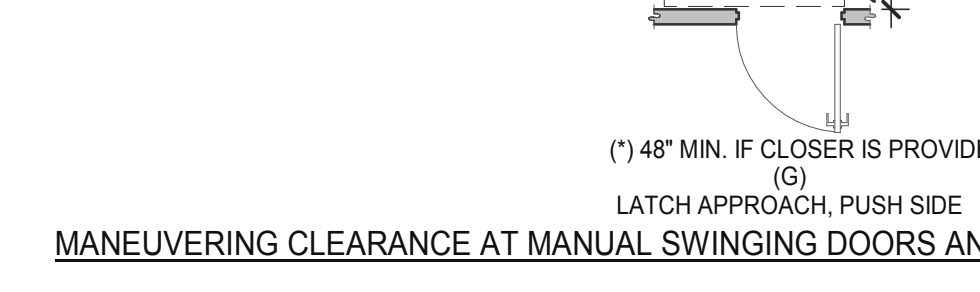
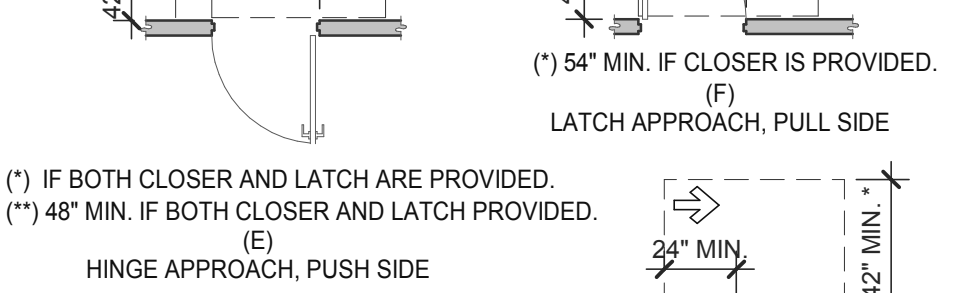
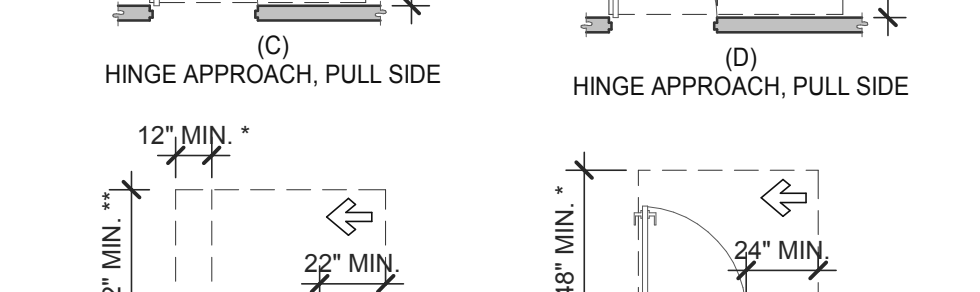
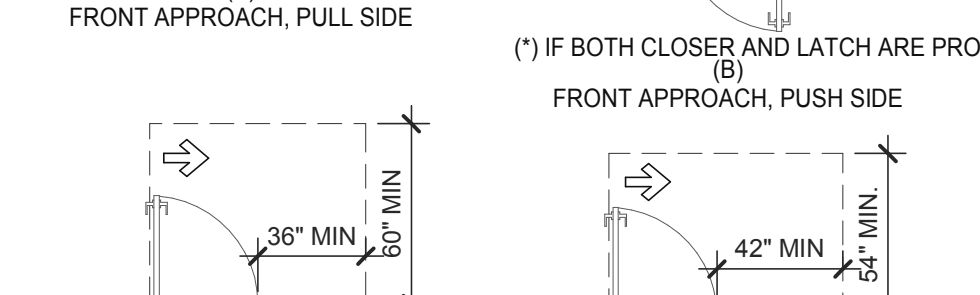
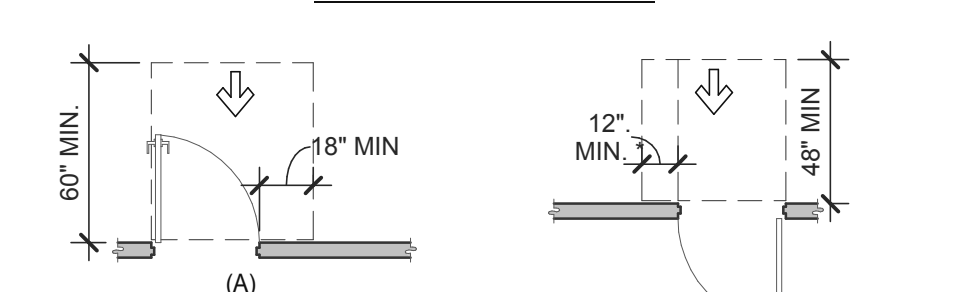
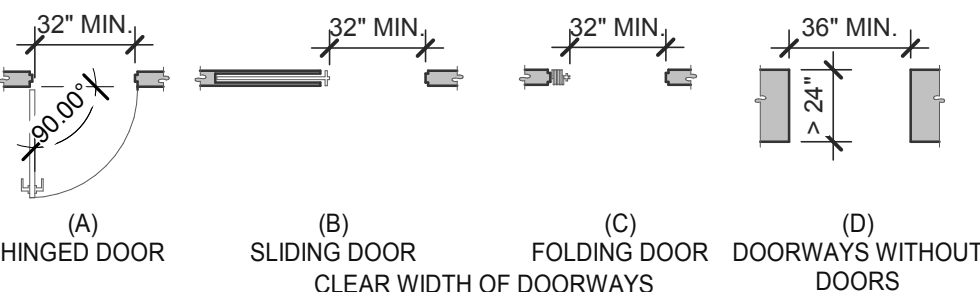


KNEE AND TOE CLEARANCE 1/4" = 1'-0"

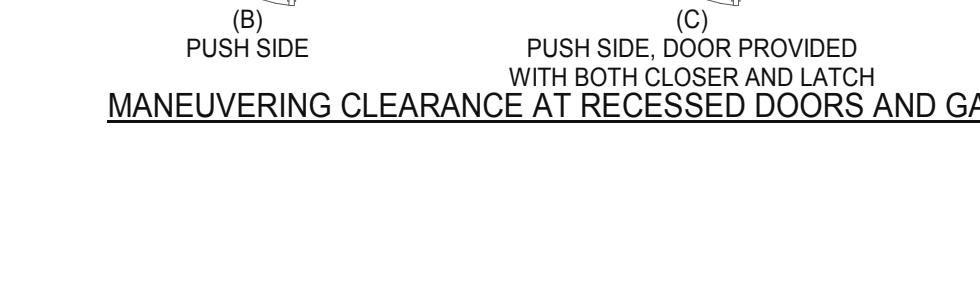
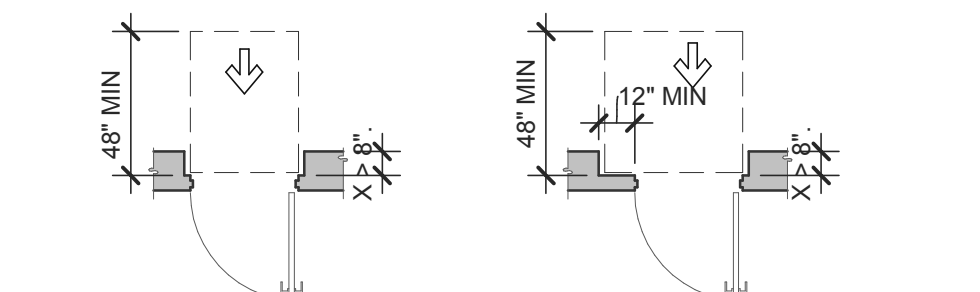
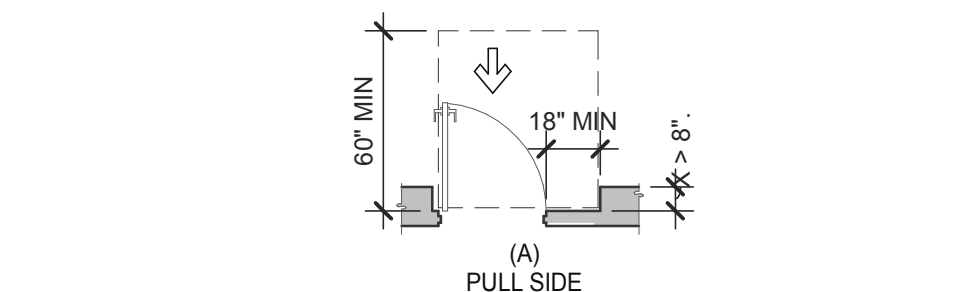
16

NOTES:

- FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS.
- THRESHOLDS. IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL.
- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OR THE WRIST.
- THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX.
- OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.
- WHEN SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90° THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12° FROM THE LATCH IS 5 SECONDS MIN.
- DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70° THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN.
- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:
  - INTERIOR HINGED DOORS AND GATES: 5 LBS (22.5 N) MAX.
  - SLIDING OR FOLDING DOORS: 5 LBS (22.5 N) MAX.
  - REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBS (68.7N).
  - EXTERIOR HINGED DOORS: 5 LBS (22.5 N) MAX.
- SWINGING DOOR AND GATE SURFACES WITHIN 10" OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACE SHALL BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.
- WHERE AUTOMATIC AND POWER-ASSISTED DOORS AND GATES WITHOUT STANDBY POWER ARE PART OF A MEANS OF EGRESS THE CLEAR BREAK OUT OPENING AT SWINGING OR SLIDING DOORS AND GATES SHALL BE 32" MIN. WHEN OPERATED IN EMERGENCY MODE.



MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES



MANEUVERING CLEARANCE AT RECESSED DOORS AND GATES

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

12

GENERAL:

1.

LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS.
2.

IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFF-SETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH KITCHEN EQUIPMENT.
3.

PROVIDE FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

HVAC:

1.

INSTALLATION SHALL CONFORM TO MECHANICAL AND ENERGY CODES FOR NEW NONRESIDENTIAL BUILDINGS.
2.

ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3.

OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4.

E.C. SHALL PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS. REFER TO SHEETS E3.0 - ELECTRICAL POWER PLAN, SHEET E3.2-ELECTRICAL POWER ROOF PLAN, E6.0 - ELECTRICAL DETAILS - TBCCB, E6.1 - ELECTRICAL DETAILS - TBCCB, E7.0 - ELECTRICAL DETAILS, E7.1 - ELECTRICAL DETAILS.
5.

PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS SHEETS E6.1 AND E7.1 FOR ADDITIONAL LOW VOLTAGE WIRING AND CONNECTIONS.
6.

PROVIDE ALL REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF AND CHARGE LINES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
7.

HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
8.

SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED. ALL RETURN AND SUPPLY DUCT RISERS SHALL BE LINED (NOT WRAPPED).
9.

SUPPLY / RETURN DUCTS SHALL BE RIGID (EXCEPT AS NOTED/INDICATED AS RIGID ON THE DUCT PLAN), WITH THE EXCEPTION OF THE LAST 5'-0", WHICH MAY UTILIZE FLEXIBLE DUCT. ALL EXHAUST DUCT SHALL BE RIGID.
10.

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.
11.

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.
12.

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.
13.

OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND VENTS.
14.

SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
15.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION. CERTIFICATE OF OCCUPANCY, BUILDING FINAL, ETC.
16.

FINAL HVAC SYSTEM TESTING AND BALANCING, AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT. 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

17.

WIRE ALL SMOKE DETECTORS IN RTU TO ITS RESPECTIVE REMOTE ANNUNCIATOR/RESET SWITCH. INSTALL "SYSTEM SENSOR" MODEL RTS2AOS. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER SPECIFICATIONS.
18.

REFERENCE RTU TO TBCCB CONNECTIONS PER E6.1.
19.

RTU MANUFACTURER FURNISHED THERMOSTATS SHALL BE CAPABLE OF RECIEVING AN EXTERNAL "OCCUPIED" SIGNAL.
20.

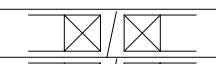

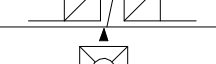

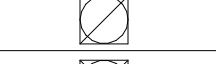
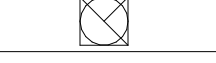
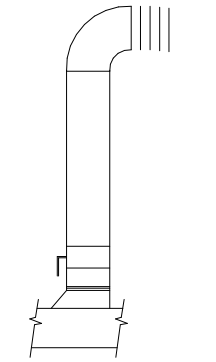
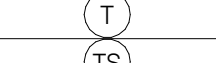
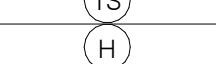

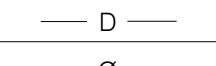
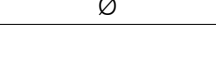
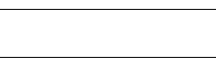
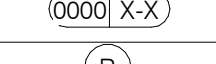
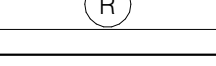
MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
21.

REFERENCE RTU TO TBANS CONNECTIONS PER E7.1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
22.

LOW VOLTAGE CONNECTIONS TO SMOKE DETECTORS, REMOTE ANNUNCIATORS AND RESETS, HUMIDISTATS, THERMOSTATS, REMOTE SENSORS, TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0 CERTIFICATE.

MECHANICAL NOTES


6

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

MECHANICAL SYMBOLS

7

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

	MARK	AREA SERVED	FAN DATA				COOLING CAPACITY			HEATING CAPACITY				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)				MOCAP (A)
	RTU-1	DINING	3000	675	0.8	2	979	7.5	93.0/67.9	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	154.8/116.1	12.3	180	144	2	80	208/3	71	90	1450	LGH150H4B	1,2,3,4,5,6,7,8,9,10,11,12,13,14	

SCHEDULE NOTES:

1.

LISTED CAPACITY IS THE UNIT'S NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 - 80.8°F DB / 68.5°F WB EAT AND 95°F AMBIENT / RTU-2 - 79.6°F DB / 67.7°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 95°F & 73°F WB, WINTER 0°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.
2.

HINGED ACCESS DOORS (FACTORY PROVIDED).
3.

2 INCH MERV 8 FILTER (FACTORY PROVIDED).
4.

SINGLE ENTHALPY ECONOMIZER/W HOOD (FACTORY PROVIDED).
5.

HIGH PERF ECONOMIZER (FACTORY PROVIDED).
6.

STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED).
7.

UNIT MOUNTED DISCONNECT SWITCH (FACTORY PROVIDED).
8.

SUPPLY AIR SMOKE DETECTOR (FACTORY PROVIDED).
9.

PHASE MONITOR (FACTORY PROVIDED).
10.

CONSTANT AIR VOLUME (FACTORY PROVIDED).
11.

14" ROOF CURB (FIELD INSTALLED).
12.

COMFORT SENSE 7500 THERMOSTAT (FIELD INSTALLED).
13.

GFCI (FIELD WIRED, FACTORY INSTALLED).
14.

PROVIDE HOT GAS REHEAT. HUMIDITY SENSOR TO BE MOUNTED IN THE RETURN AIR AT THE UNIT.

HVAC UNIT SCHEDULE

1

Mark	FAN DATA					VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES	REMARKS:
	CFM	ESP	RPM	HP							
EF-1	1050	0.9	1344	1/2		120/1	DIRECT	STRATOVENT	#SVDU50HFA	1,3,5,6,7,8,10	1. UL 762 LISTED (GREASE) 2. UL 705 LISTED (HEAT OR STEAM)
EF-2	570	0.375	1025	1/4		120/1	DIRECT	STRATOVENT	#SVDR30HFA	2,4,7,8,9,10,11	3. FLAT ROOF CURB, 19.5" X 19.5" X 26"H, VENTED 4. FLAT ROOF CURB, 19.5" X 19.5" X 14"H 5. GREASE CUP WITH DRAIN 6. FACTORY ATTACHED HINGES 7. WEATHERPROOF PRE-WIRED DISCONNECT SWITCH 8. PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER 9. GRAVITY BACKDRAFT DAMPER 10. FURNISHED BY OWNER WITH HOOD PACKAGE 11. FURNISHED WITH DAMPER TRAY

EXHAUST FAN SCHEDULE

2

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:

1.

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

AIR DEVICE SCHEDULE

3

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

NOTES:

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

HVAC NATIONAL ACCOUNT NOTES

5

AIR BALANCE SCHEDULE

4



GPD GROUP  
Professional Corporation

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

	DATE	REMARKS
1	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 293296

STORE NUMBER: 455386

PA/PM: SM

DRAWN BY.: TH

JOB NO.: 2020088.24

TACO BELL

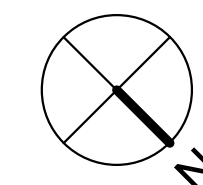
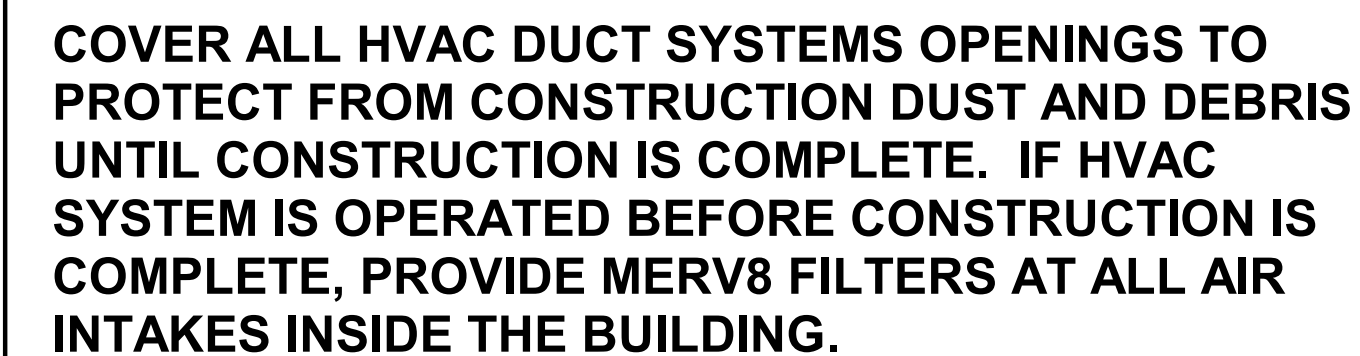
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
MECHANICAL  
SCHEDULES  
AND NOTES

M1.0

PLOT DATE: 3/31/2022 11:33:25 AM



CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED2021
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	TH
JOB NO.:	2020088.24

403 E. Main St.  
Cartersville, GA 30121

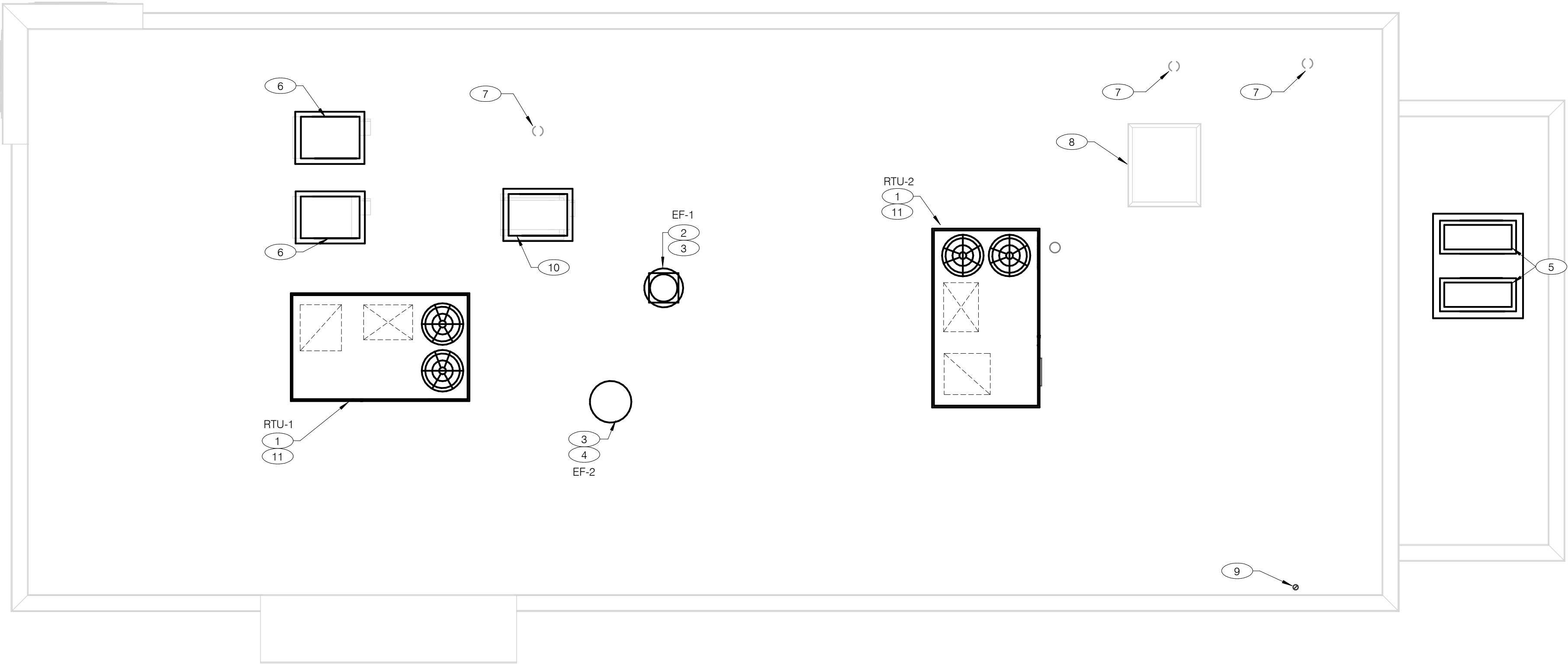


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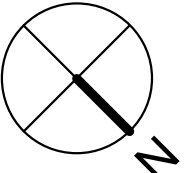
<b>GENERAL NOTES - MECHANICAL</b> NTS	<b>C</b>
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## KEYNOTES - DUCT AND DIFFUSER

[illegible]



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



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

- 1

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

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

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

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

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

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

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

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

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

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

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

**KEYNOTES - MECHANICAL ROOF PLAN** NTS

**B**

	DATE	REMARKS
1	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	TH
JOB NO.:	2020088.24

**TACO BELL**

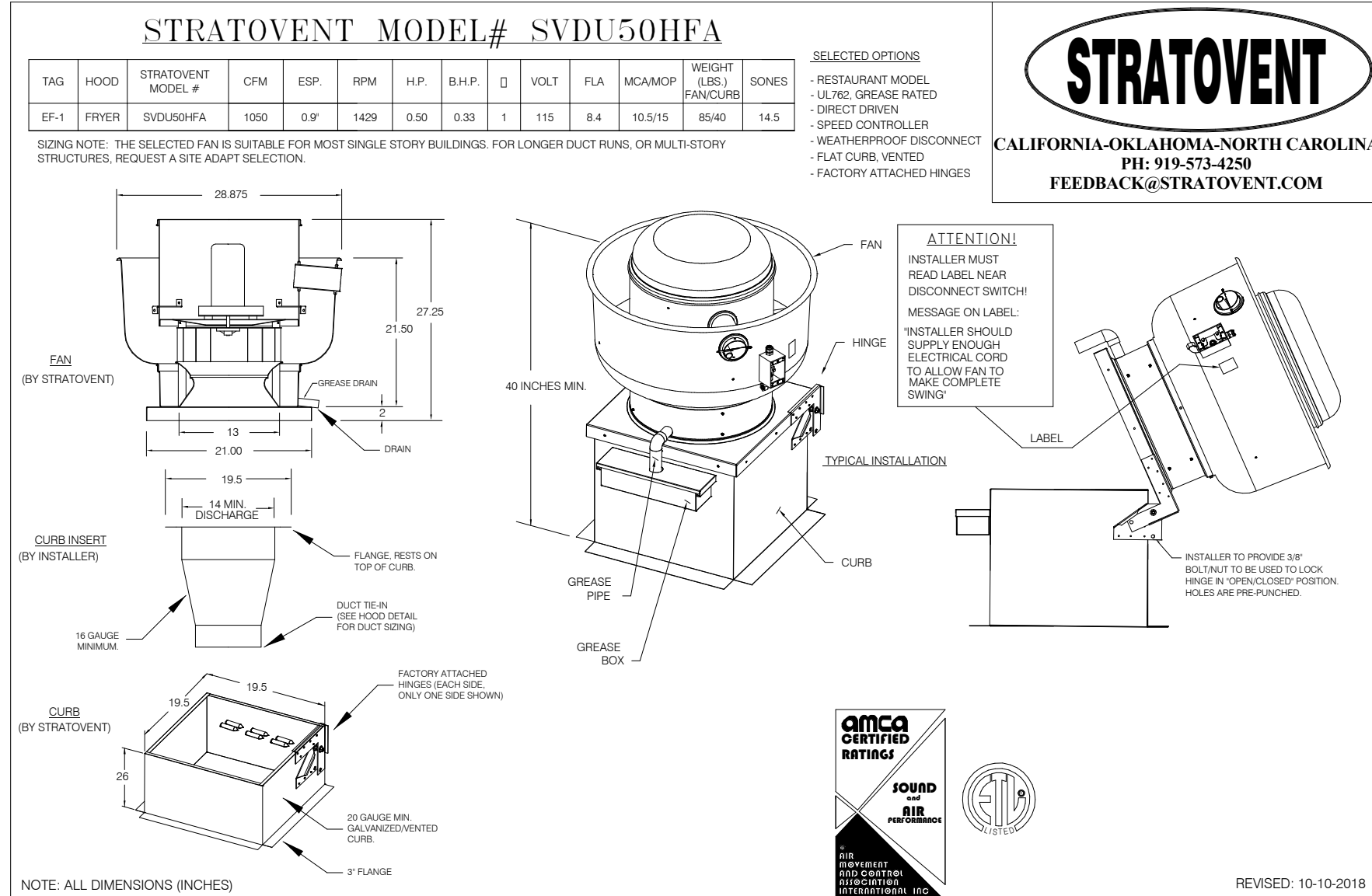
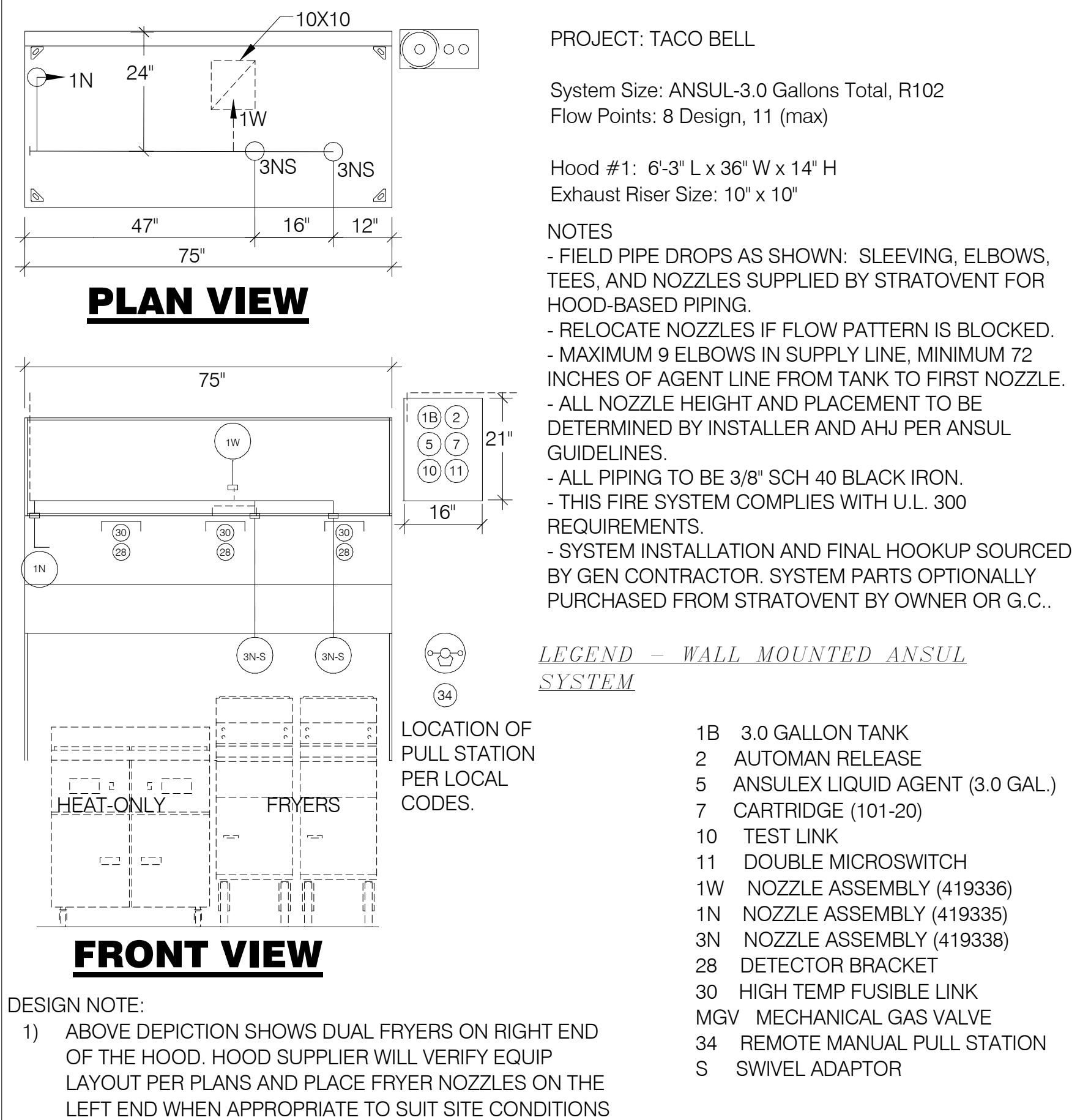
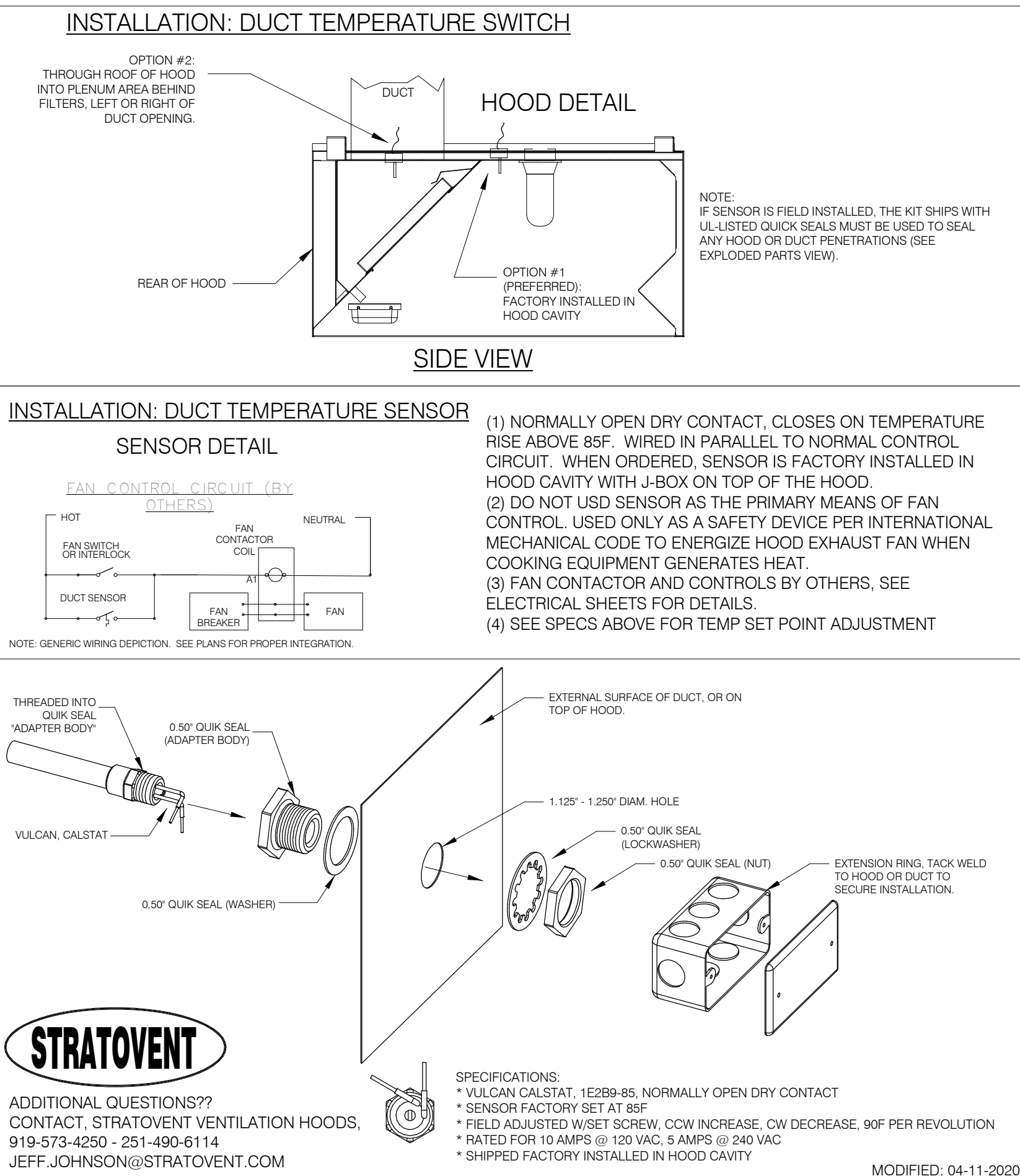
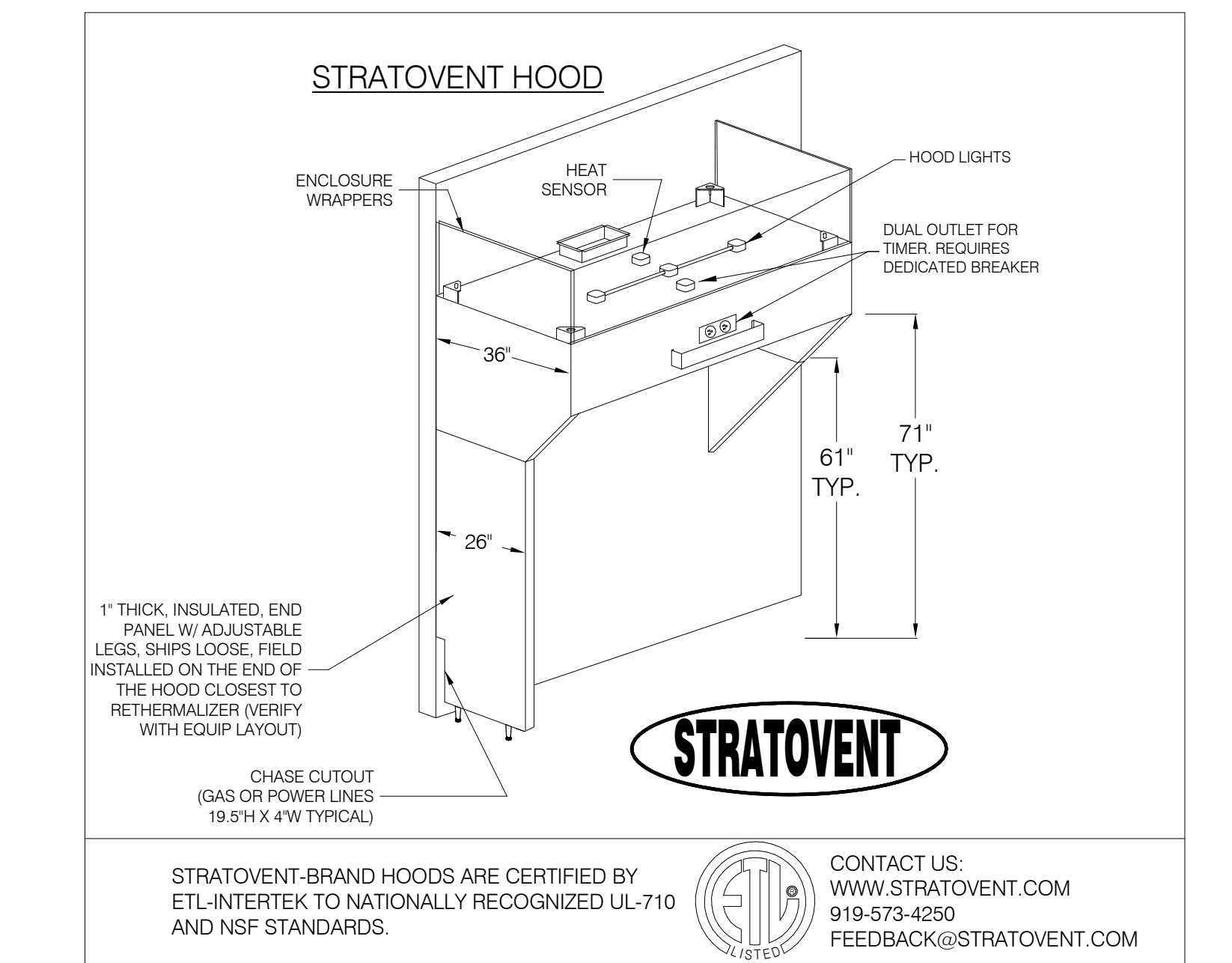
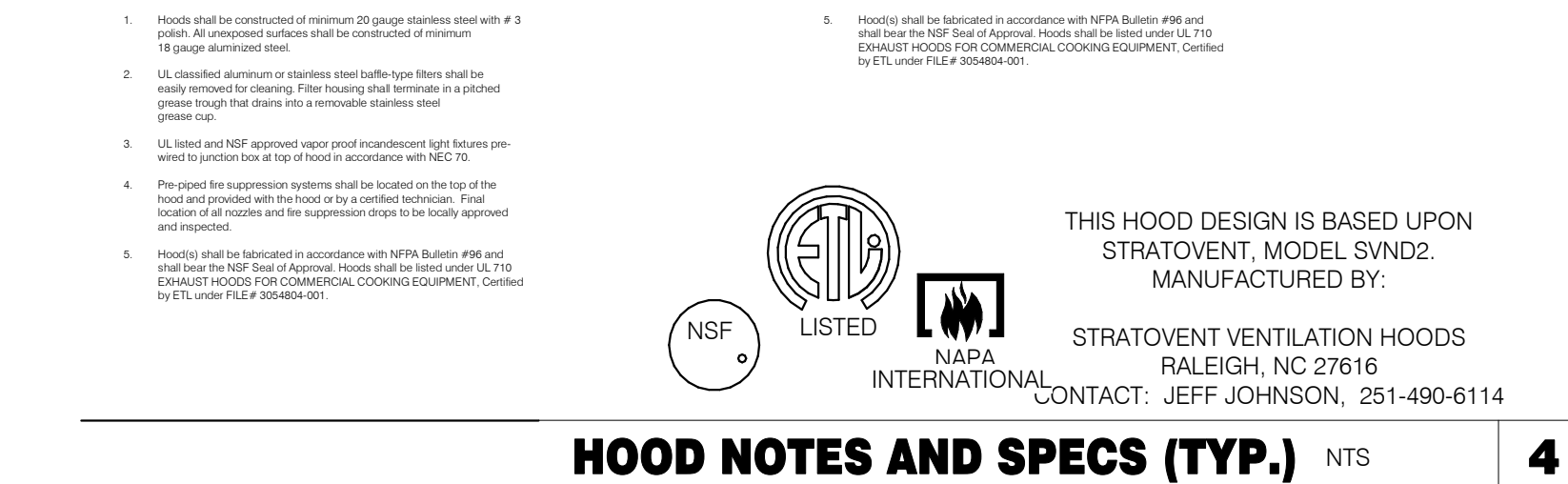
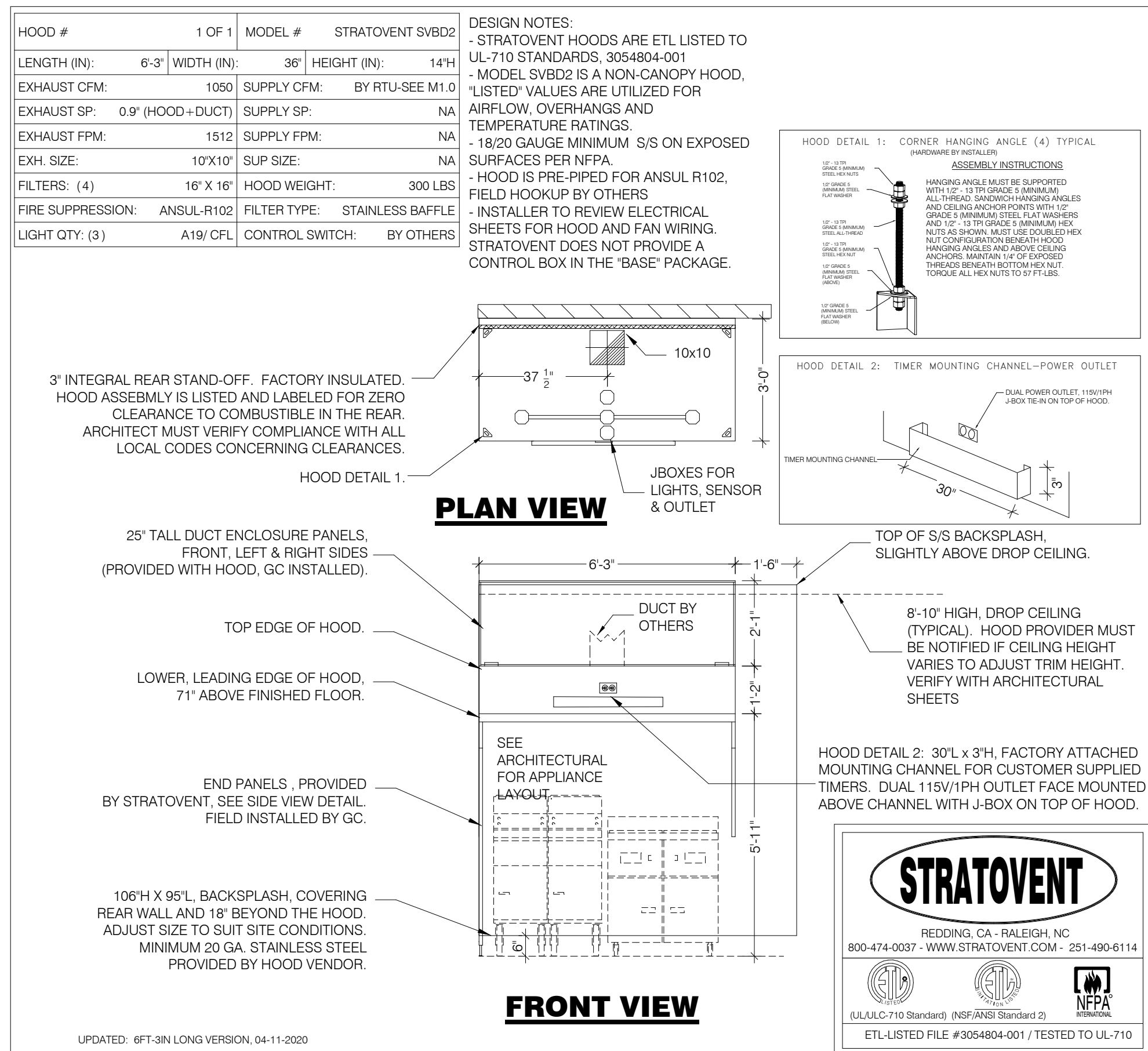
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
MECHANICAL  
ROOF PLAN**

**M2.1**

PLOT DATE: 3/31/2022 11:33:31 AM

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

	DATE	REMARKS
1	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END, MED40  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: TH  
JOB NO.: 2020088.24

**TACO BELL**

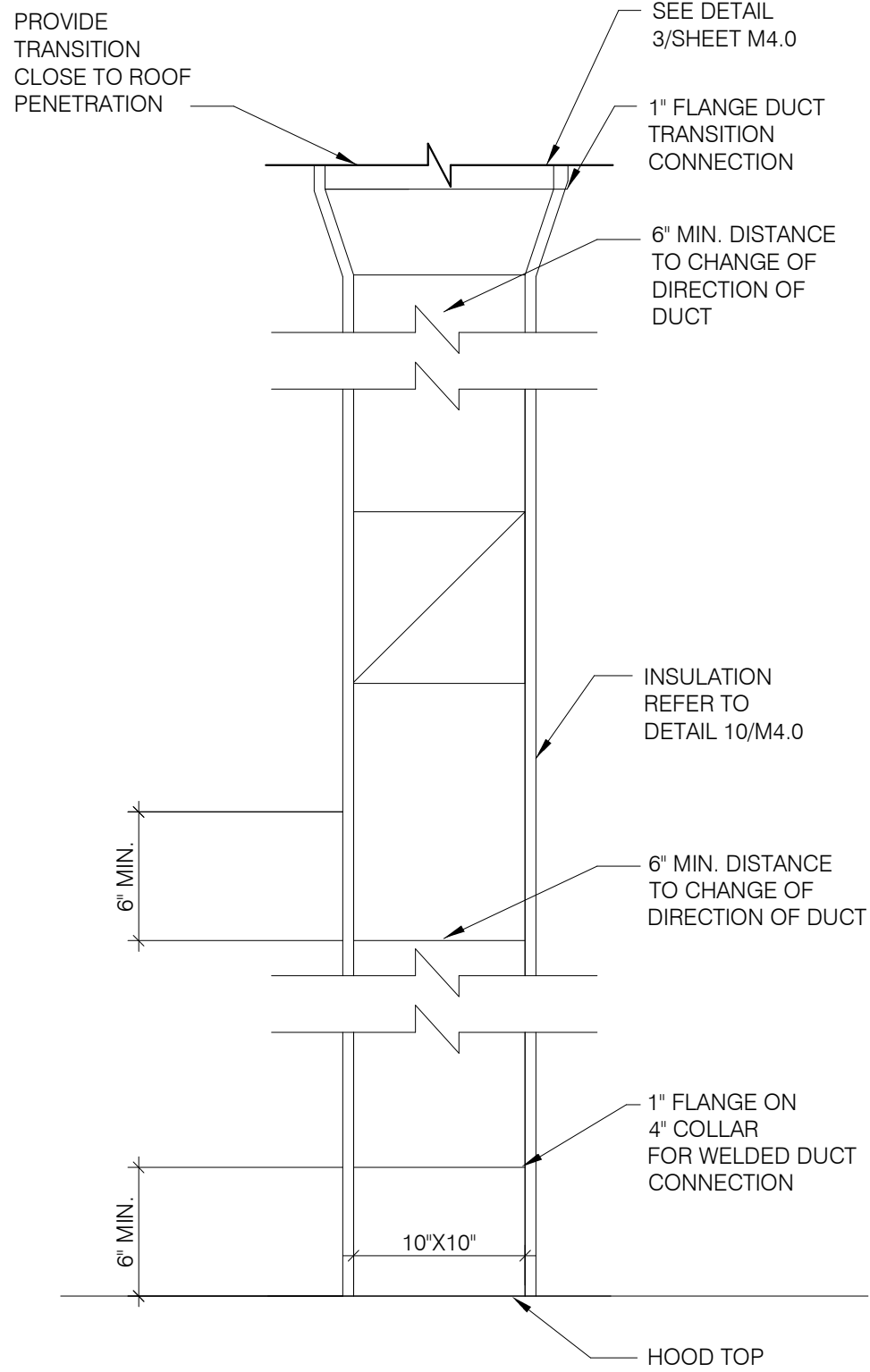
403 E. Main St.  
Cartersville, GA 30121


**ENDEAVOR 1.0  
HOOD DETAILS  
AND SECTIONS**

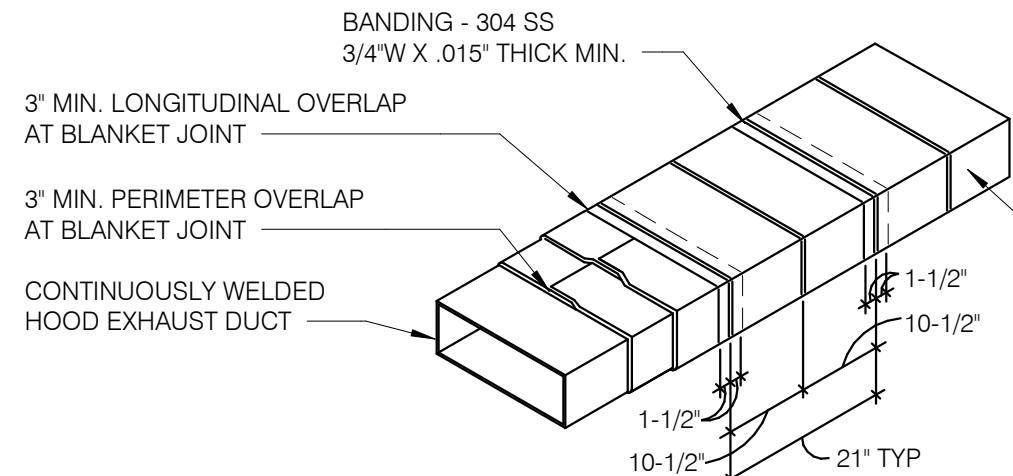
**M3.0**

PLOT DATE: 3/31/2022 11:33:32 AM

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TB HOOD DUCT TRANSITION NTS 11

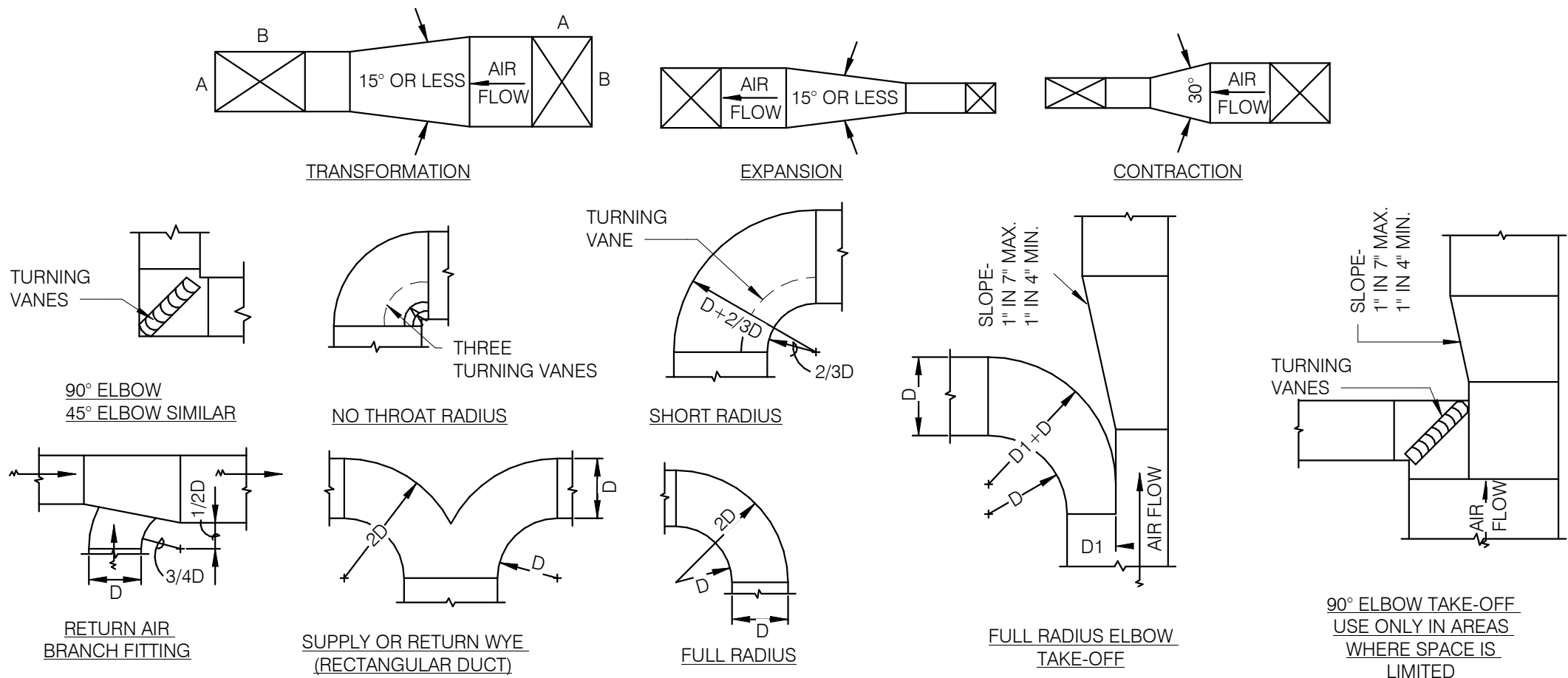


BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10-1/2" ON CENTER.

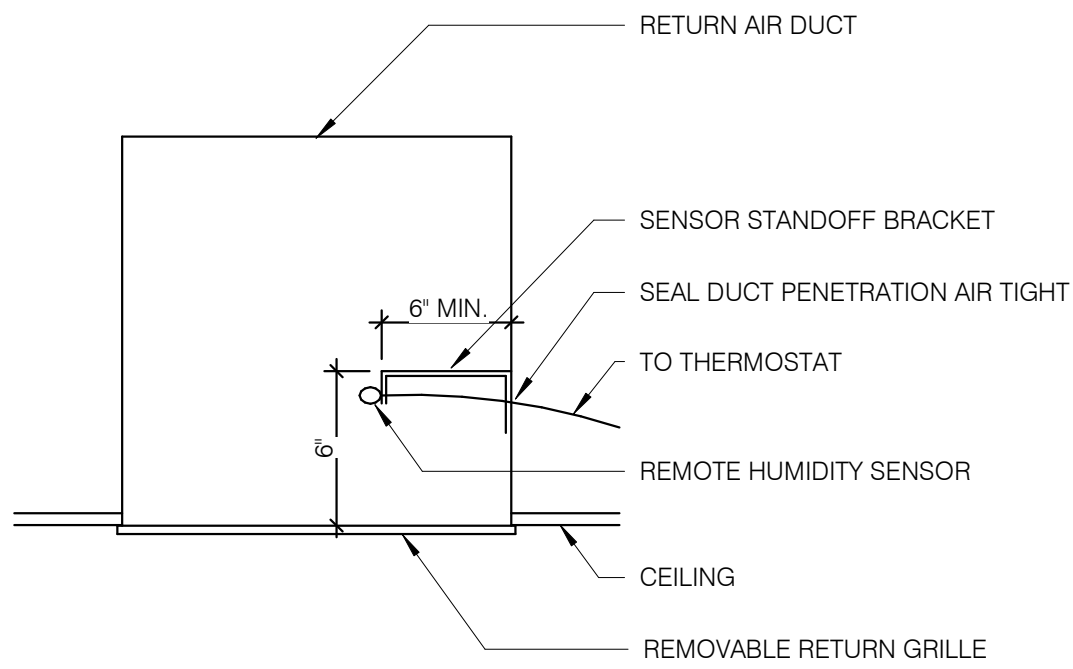
NOTES:

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

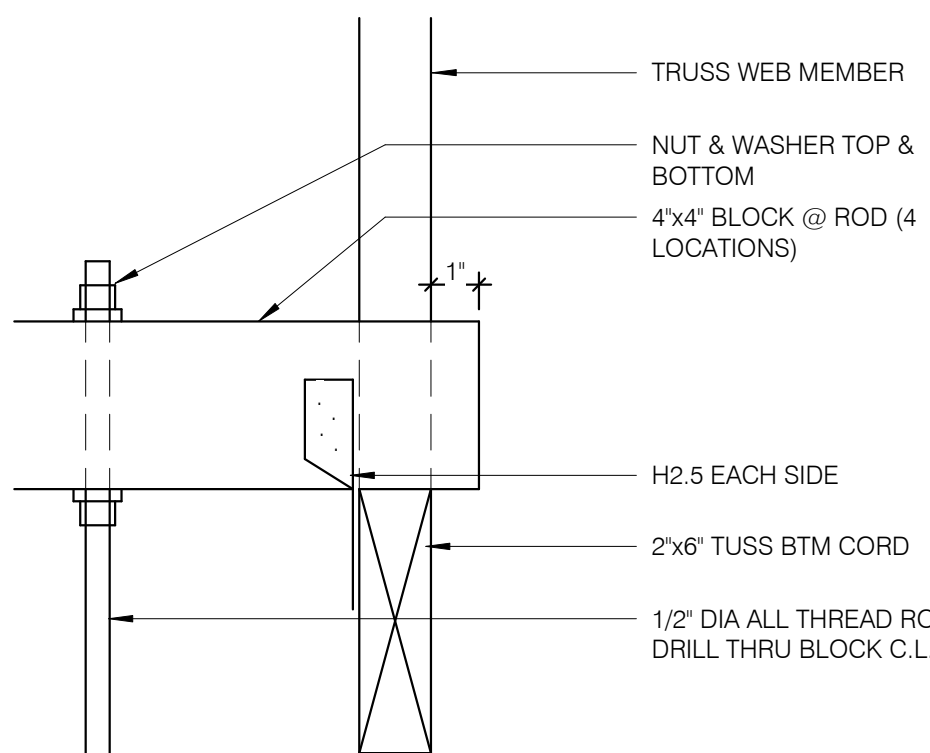
KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL NTS 10



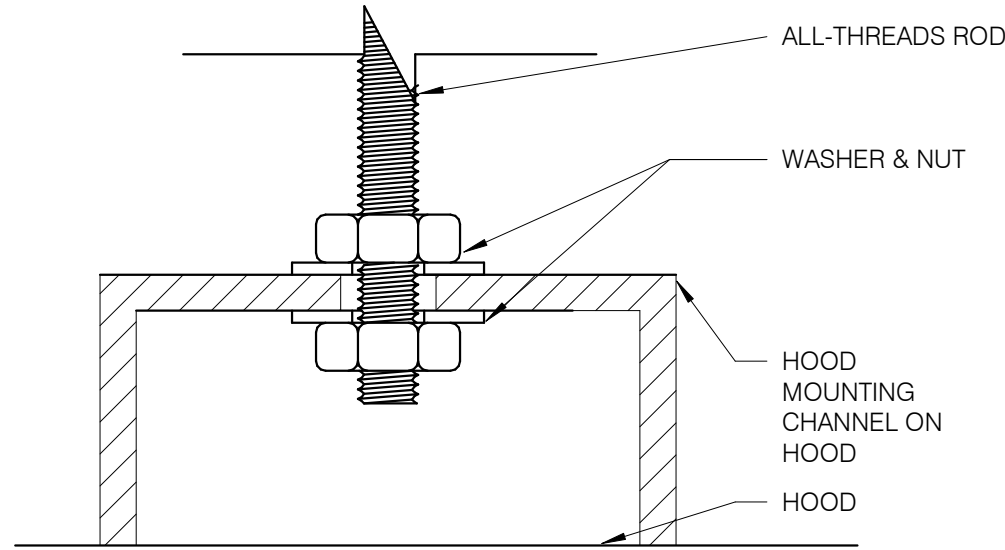
TYPICAL DUCTWORK DETAILS NTS 9



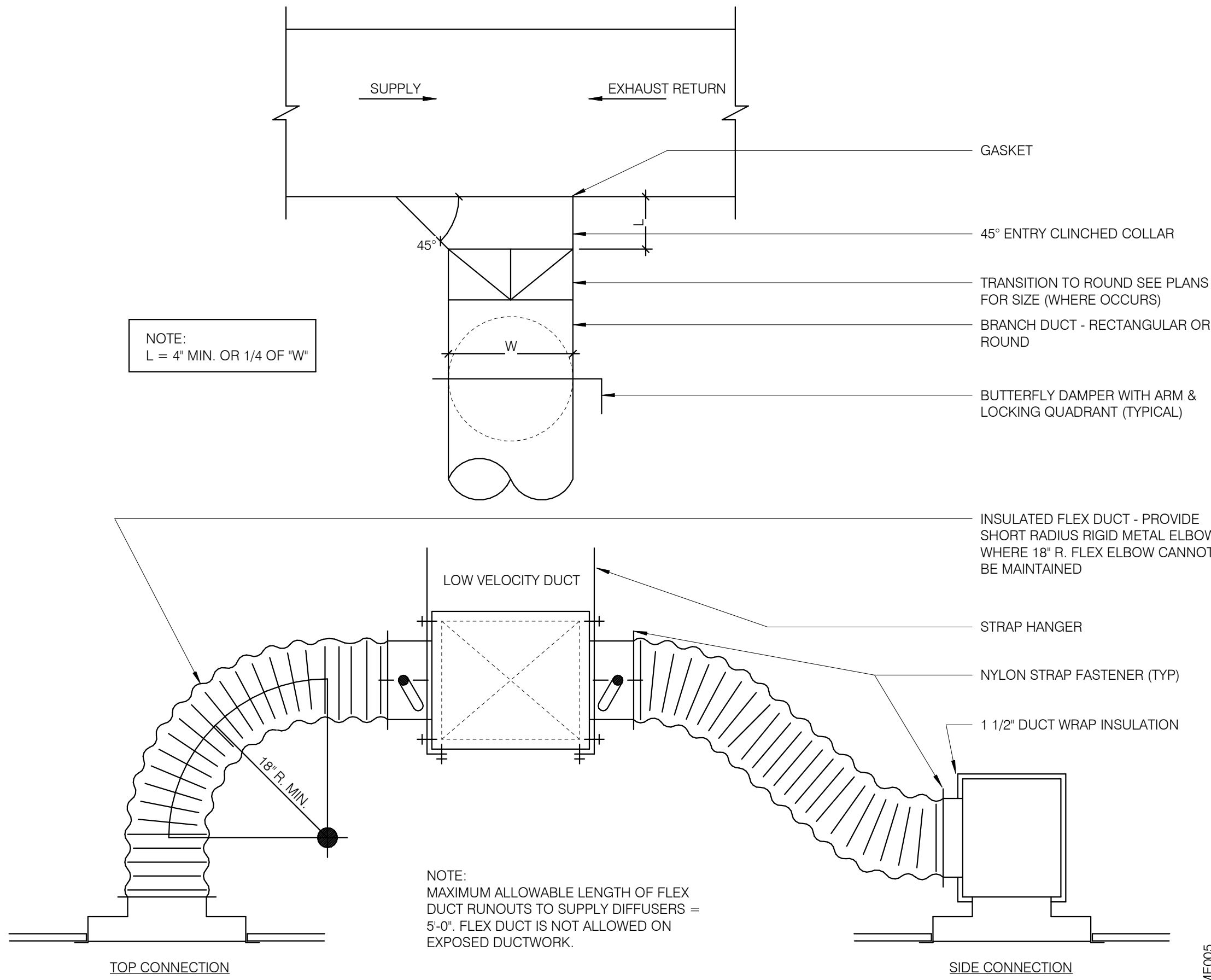
REMOTE HUMIDITY SENSOR NTS 8



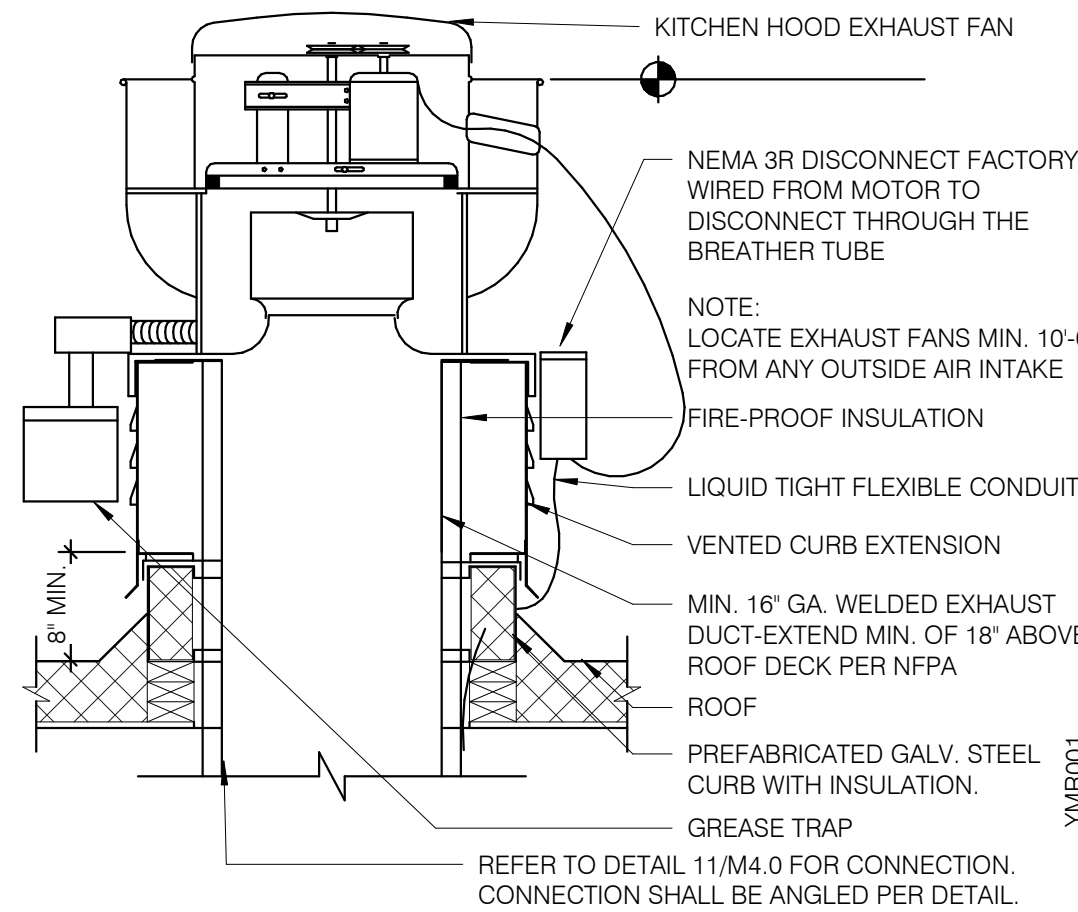
ROD ATTACHMENT NTS 7



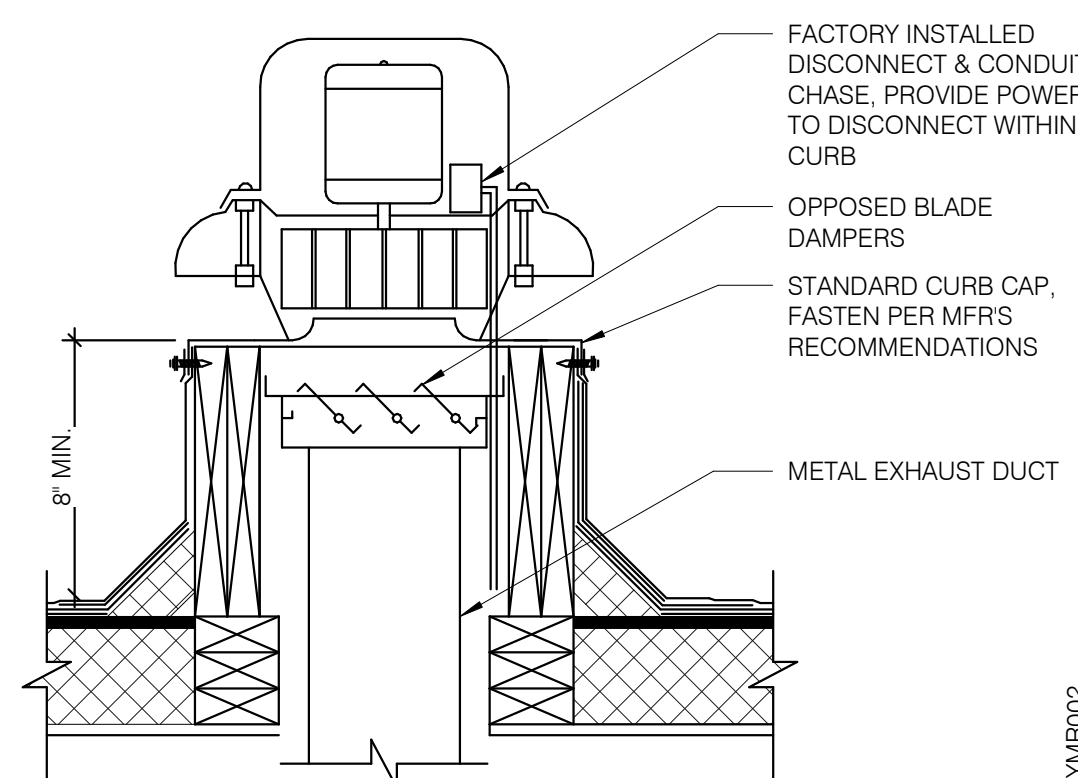
BOLT CONNECTION TO HOOD NTS 5



CEILING DIFFUSER CONNECTIONS NTS 4



EXHAUST FAN (EF-1) NTS 3



RESTROOM FAN (EF-2) NTS 2

DATE	REMARKS
1 11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: TH  
JOB NO.: 2020088.24

TACO BELL

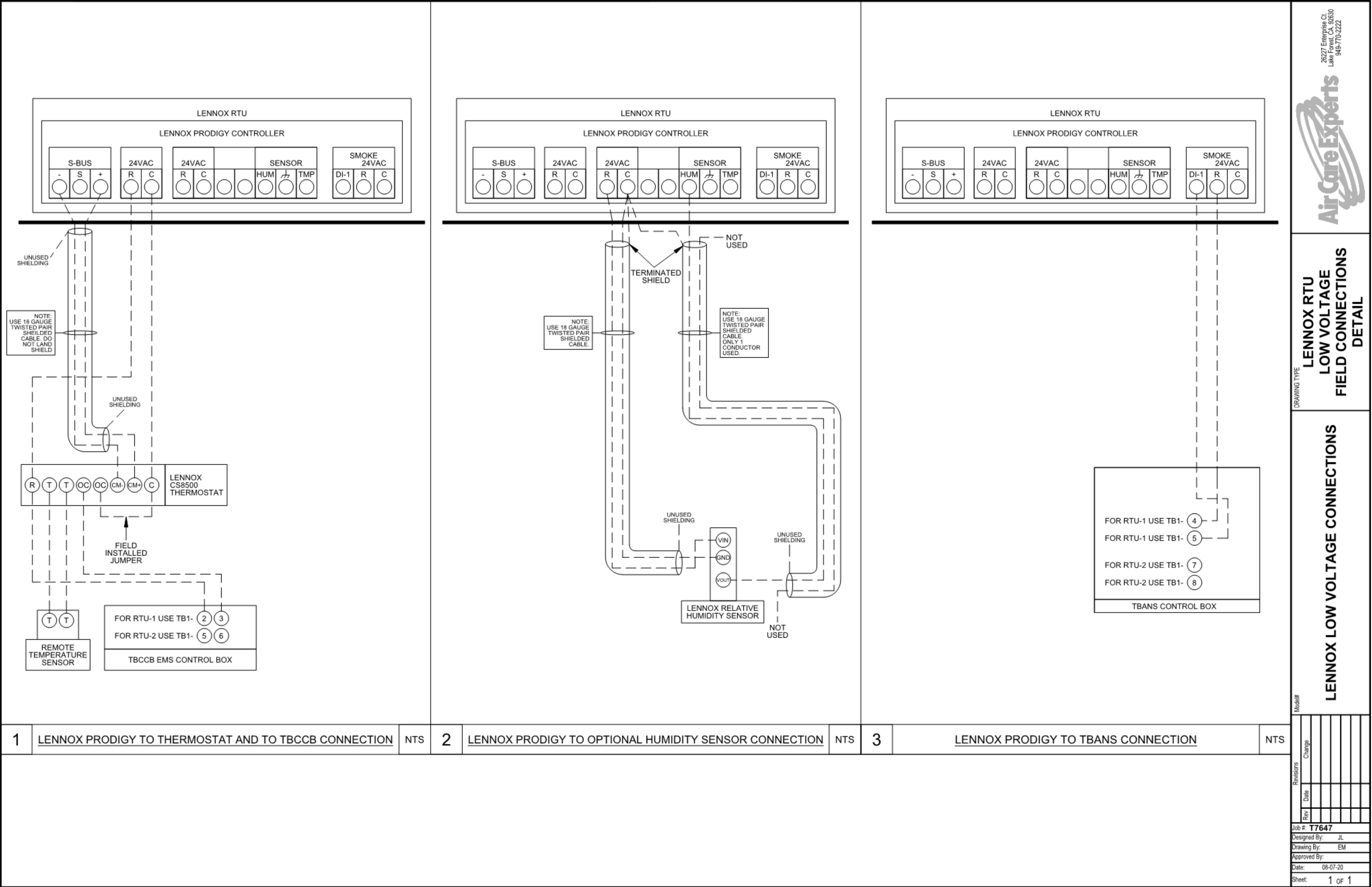
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
MECHANICAL  
DETAILS

M4.0

PLOT DATE: 3/31/2022 11:33:35 AM



2827 Enterprise Ct.  
Lake Forest, CA 92650  
949-770-2222



LENNOX RTU  
LOW VOLTAGE  
FIELD CONNECTIONS  
DETAIL

LENNOX LOW VOLTAGE CONNECTIONS

	DATE	REMARKS
1	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
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403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 1.0  
CONTROLS  
DETAILS




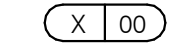
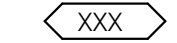
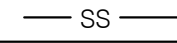
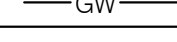
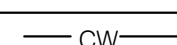

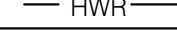
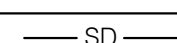
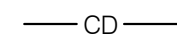
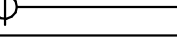
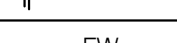
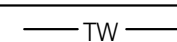
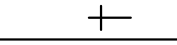
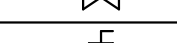
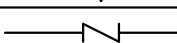

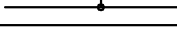


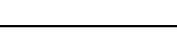


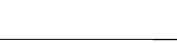
M5.0

1. SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
2. ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
3. VERIFY LOCATION OF SANITARY SEWER ON SITE PLAN AND REVISE SEWER SYSTEM AS REQUIRED.
4. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODE. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
5. CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.
6. VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
7. PLUMBING FIXTURE VENTS SHALL TERMINATE MINIMUM OF 12 INCHES FROM VERTICAL SURFACES AND 10 FEET FROM OUTSIDE AIR INTAKES.
8. PROVIDE GAS PIPING TO UNITS AND MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
9. PROVIDE SHUT-OFF VALVES ON HOT & COLD WATER LINES TO FIXTURES AND APPLIANCES. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.
10. 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.
11. VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED.
12. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN REQUIREMENTS. MAKE ALL ROUGH-IN AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT UNLESS OTHERWISE NOTED.
13. REFER TO MECHANICAL DRAWINGS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
14. GAS LINES SHALL BE SUPPORTED.
15. FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH WITH FLOOR SURFACE.
16. PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.
17. PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR SHALL BE MINIMUM 2 TIMES DIAMETER OF INDIRECT DRAIN.
18. 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.
19. COORDINATE INSTALLATION OF PLUMBING WORK WITH OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES.REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
20. PROVIDE BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
21. PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN. PROVIDE GAS PIPING TO UNITS. MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
22. 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.
23. ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.
24. ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING FIXTURES OR EQUIPMENT.
25. PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAMS FOR SEALANT.
26. 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	3.0	1.5	3.0
PREP SINK *	1	--	--	2	2	2	2
3 - COMPARTMENT SINK *	1	--	--	3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1	--	--	5/0.5	12	--	--
FLOOR DRAIN	7	2	14	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	4	3	12	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
RETHEMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	47	--	35.25	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS: COLD WATER: 35.25 FU = 25.4 GPM DRAIN: GW 22 DFU DRAIN: SAN 25 DFU HOT WATER: 14.25 FU = 17.875 GPM USE 1-1/2" CW SERVICE USE 4" SANITARY (MIN) USE 4" SANITARY (MIN) USE 1-1/4" HW SERVICE

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

GREASE INTERCEPTOR SIZING CALCULATION (11 GPM) x (30 MIN RETENTION TIME) = 330 GALLONS

- NOTES:
- PROPOSED GREASE INTERCEPTOR SIZE = 1,000 GALLONS.
  - CALCULATION DERIVED FROM SECTION 1003.3.6 IN THE 2015 MICHIGAN PLUMBING CODE.
  - PER SECTION 709.3, ONE GPM IS EQUIVALENT TO TWO FIXTURE UNITS.

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
<div><div>ECO</div><div>1</div></div>	EXTERIOR CLEANOUT	--	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
<div><div>FS</div><div>1</div></div>	FLOOR SINK	4"	2"	--	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPF\$4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
<div><div>FS</div><div>2</div></div>	FLOOR SINK	3"	2"	--	--	--	6	--	CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32
<div><div>FD</div><div>1</div></div>	FLOOR DRAIN	3"	2"	--	--	--	2	--	PVC FLOOR DRAIN, 5' DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL: 1103
<div><div>HD</div><div>1</div></div>	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
<div><div>FCO</div><div>1</div></div>	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
<div><div>WCO</div><div>1</div></div>	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
<div><div>HB</div><div>1</div></div>	HOSE BIBB	--	--	3/4"	--	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300
<div><div>WC</div><div>1</div></div>	WATER CLOSET	4"	2"	1/2"	--	--	4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
<div><div>L</div><div>1</div></div>	LAVATORY	1-1/4"	1-1/2"	1/2"	--	1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR.	A.S. COMRADE/ MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
<div><div>S</div><div>1</div></div>	HAND SINK	1-1/2"	1-1/2"	1/2"	--	1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	--
<div><div>S</div><div>2</div></div>	MOP SINK	3"	2"	1/2"	1/2"	--	3	2.25	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	--
<div><div>S</div><div>3</div></div>	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	--
<div><div>S</div><div>4</div></div>	PREP SINK	INDIRECT	--	1/2"	1/2"	--	--	3	SINK, FAUCET AND DRAIN	--
<div><div>GI</div><div>1</div></div>	GREASE INTERCEPTOR	4"	--	--	--	--	--	--	PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G
<div><div>MV</div><div>1</div></div>	MIXING VALVE	--	--	1/2"	1/2"	--	--	--	THERMOSTATIC, 125 P\$16, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
<div><div>WH</div><div>1</div></div>	WATER HEATER	--	--	1-1/4"	1-1/4"	--	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 138 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MXI BTH-120 STATE / SUF 100 120 NE
<div><div>ET</div><div>1</div></div>	EXPANSION TANK	--	--	3/4"	--	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST WILKINS SERIES WXTF
<div><div>BFP</div><div>1</div></div>	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	--	1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: LF009M2OTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
<div><div>RO</div><div>1</div></div>	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	--
<div><div>RP</div><div>1</div></div>	RECIRC PUMP	--	--	--	1/2"	--	--	--	0.5 GPM @5 FEET HEAD. PROVIDE WITH CHECK VALVE, BALANCE VALVE, AND AQUASTAT.	TACO 009

PLUMBING FIXTURE SCHEDULE

NTS

1

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



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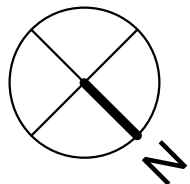
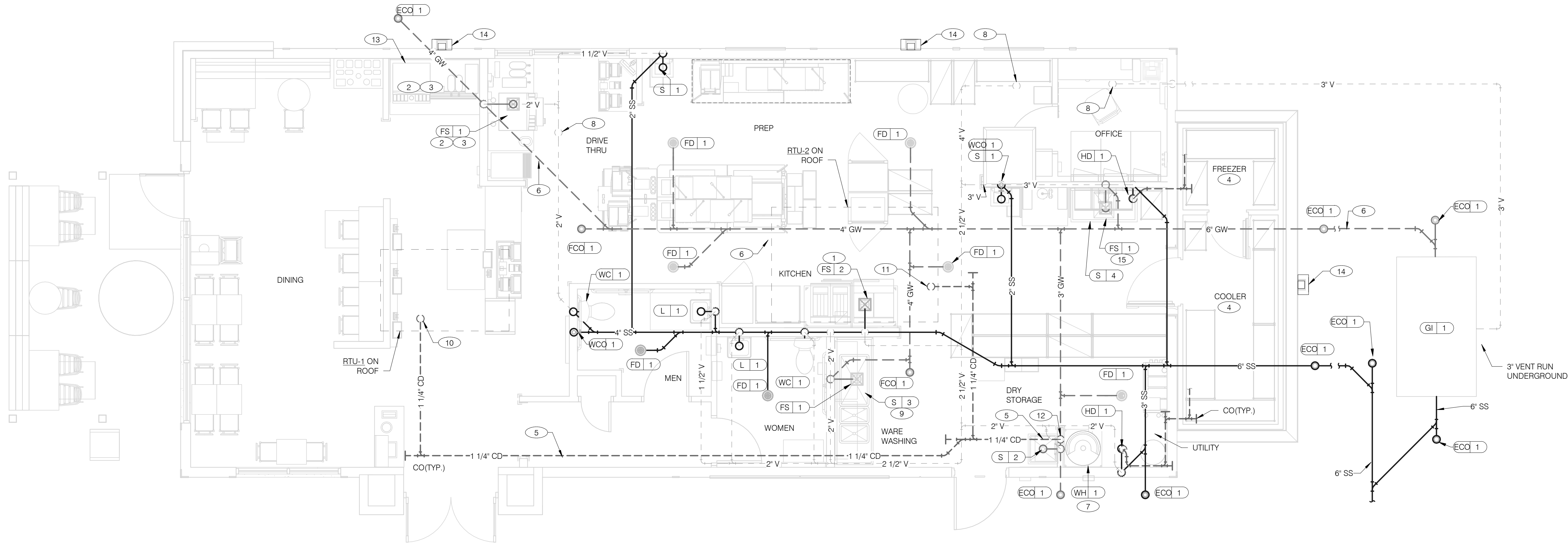
403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
PLUMBING  
SCHEDULES  
AND NOTES

P1.0

PLOT DATE: 3/31/2022 11:33:39 AM



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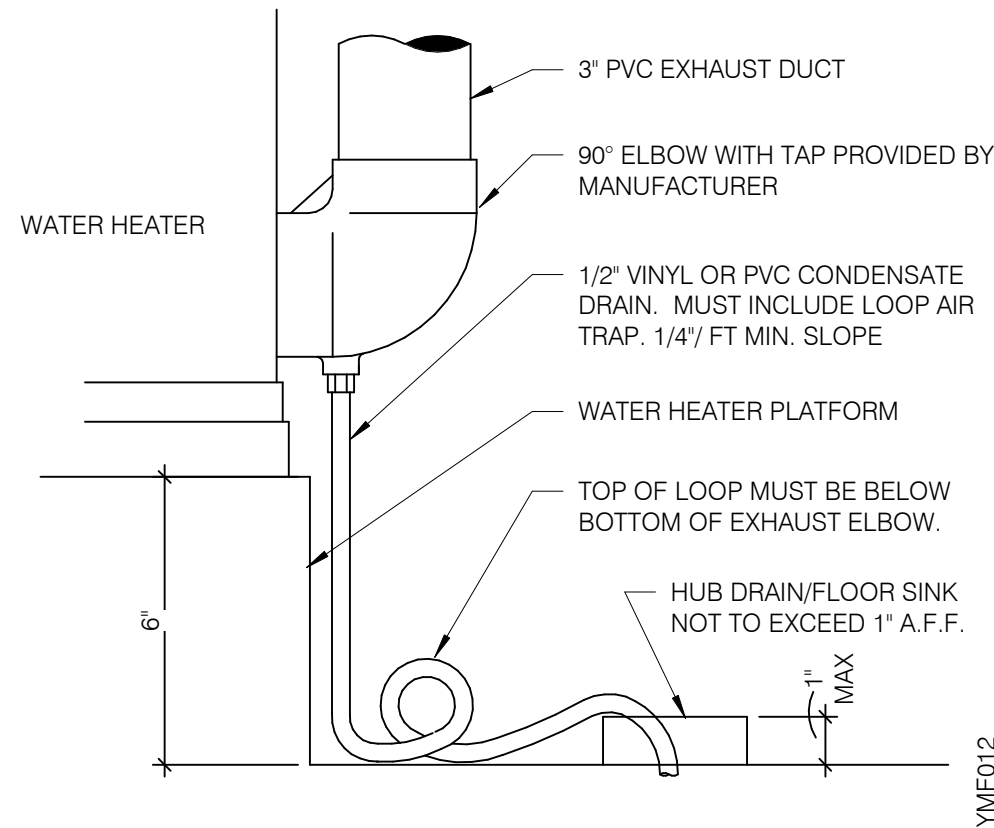
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
WASTE AND  
VENT PLAN**

**P2.0**

PLOT DATE: 3/31/2022 11:33:46 AM



**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 DEDICATED CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE DEDICATED WASTE LINES FROM BEVERAGE UNIT TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF. RUN TO MOP SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTBOUND FROM INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
- 7 ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.1 AND DETAIL 4/P2.0.
- 8 4" VENT UP THROUGH ROOF.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

**WASTE & VENT PIPING PLAN**

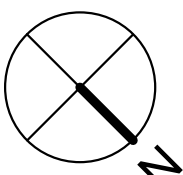
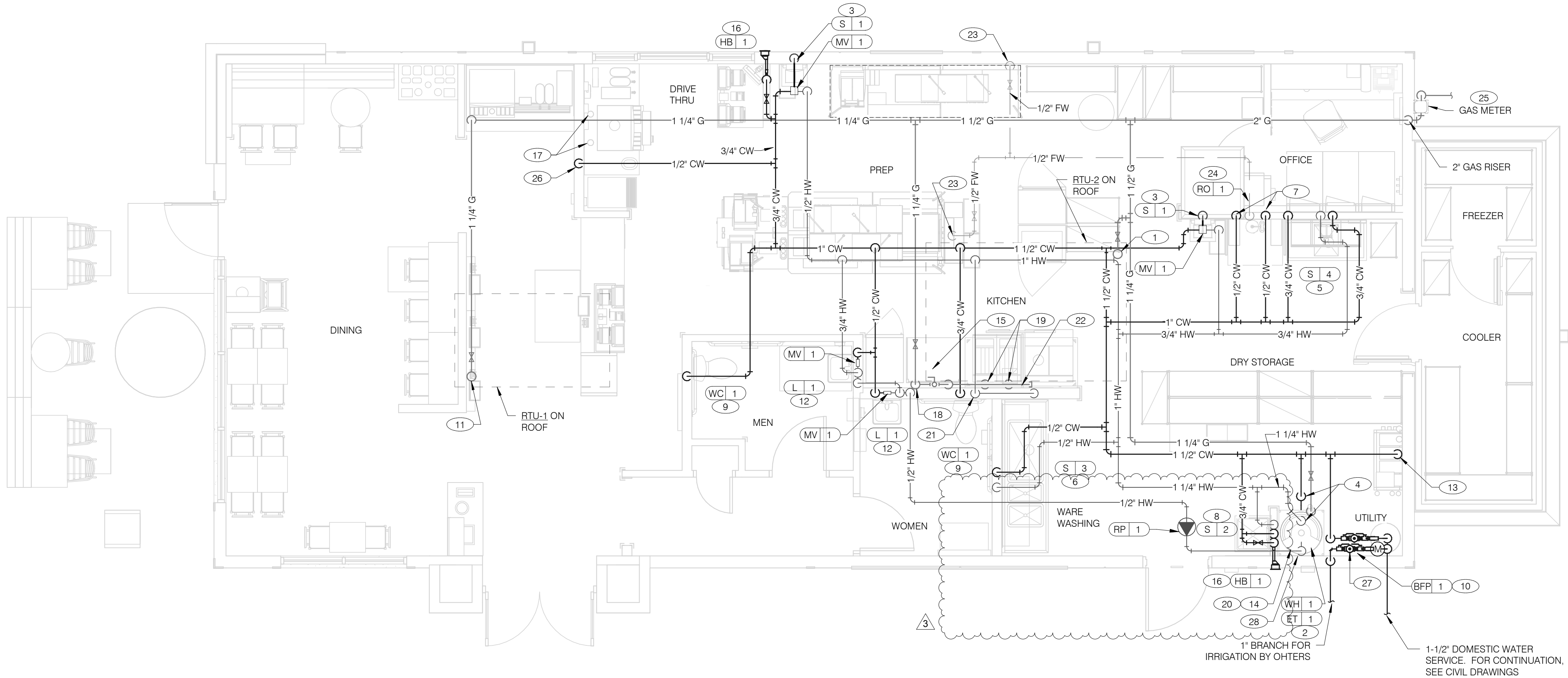
1/4" = 1'-0"

**1**

- 10 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 10/P6.0.
- 11 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 10/P6.0.
- 12 CONDENSATE DRAIN PIPE DOWN TO MOP SINK. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY AUTHORITY HAVING JURISDICTION.
- 13 RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 14 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- 15 ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.

**KEYNOTES - WASTE AND VENT** NTS

**2**



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

- 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" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMP. SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .
- 10 PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER. WATER METER LOCATED OUTSIDE. REFER TO CIVIL PLANS FOR CONTINUATION AND FURTHER INFORMATION.
- 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 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER, PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 1/P6.1.
- 21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-026 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 27 1" DEDUCT METER FOR IRRIGATION SYSTEM.
- 28 1/2" HOT WATER RETURN DOWN TO WATER HEATER HOT WATER RETURN INLET.

**WATER & GAS PLAN NOTES** NTS

**3**

**KEYNOTES - WATER AND GAS** NTS

**2**

DATE	REMARKS
1 11.23.21	Issued for Permit
3 02.24.22	NTP Comments
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: TH  
JOB NO.: 2020088.24

**TACO BELL**

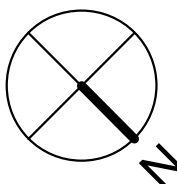
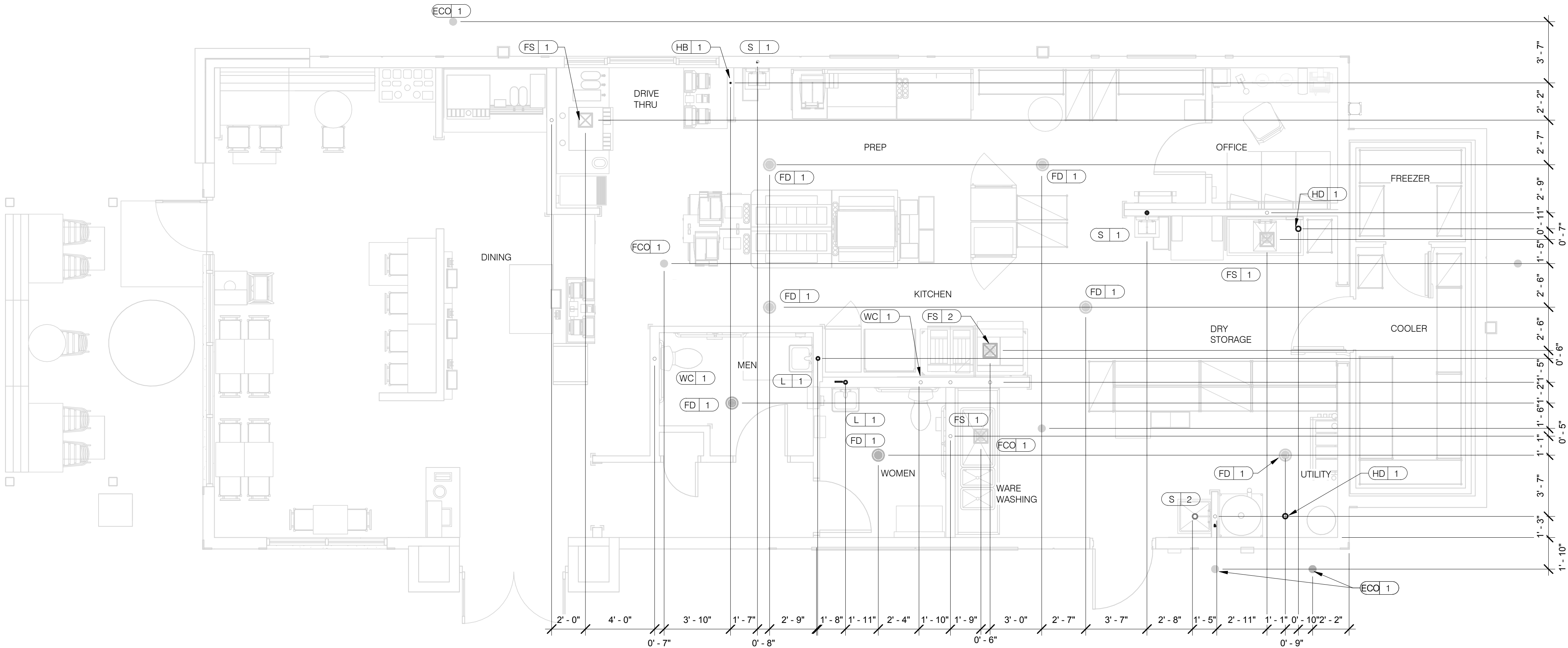
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
WATER AND  
GAS PLAN**

**P3.0**

PLOT DATE: 3/31/2022 11:33:52 AM



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

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

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

**PLUMBING ROUGH-IN SCHEDULE** NTS **3**

**PLUMBING ROUGH-IN NOTES** NTS **2**

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CONTRACT DATE: 10.05.21  
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BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: TH  
JOB NO.: 2020088.24

**TACO BELL**

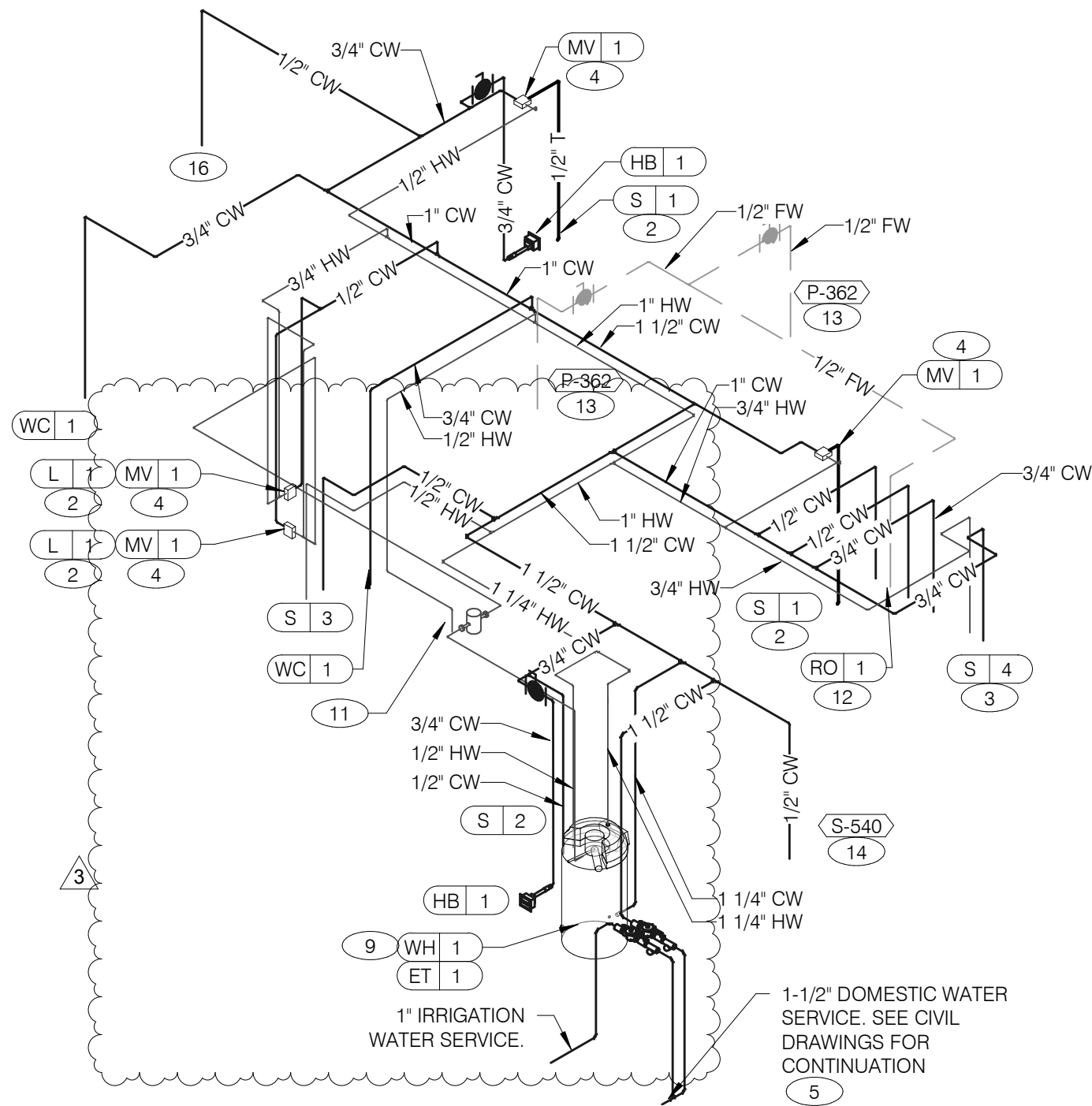
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Cartersville, GA 30121



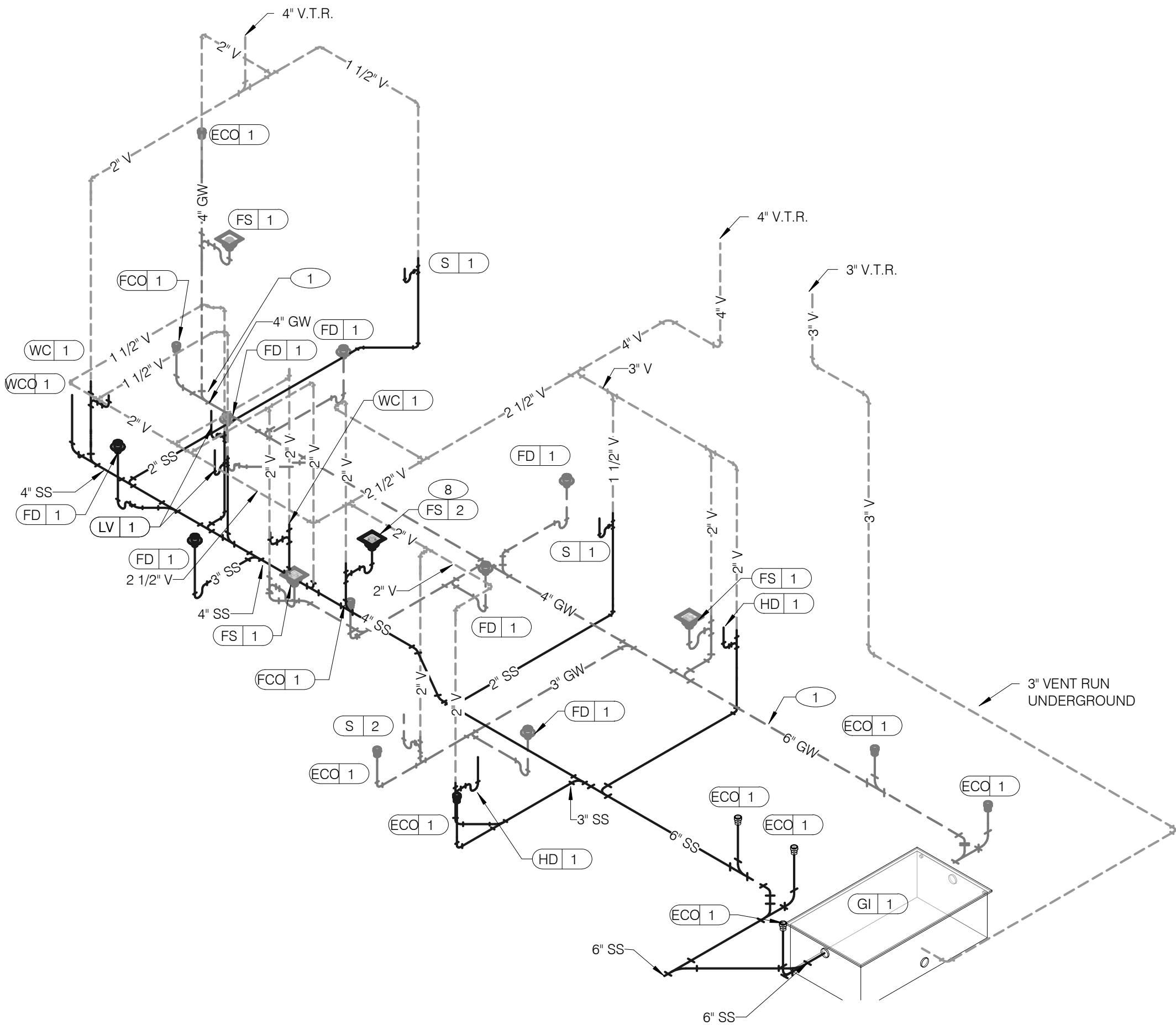
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**PLUMBING**  
**ROUGH-IN PLAN**

**P4.0**

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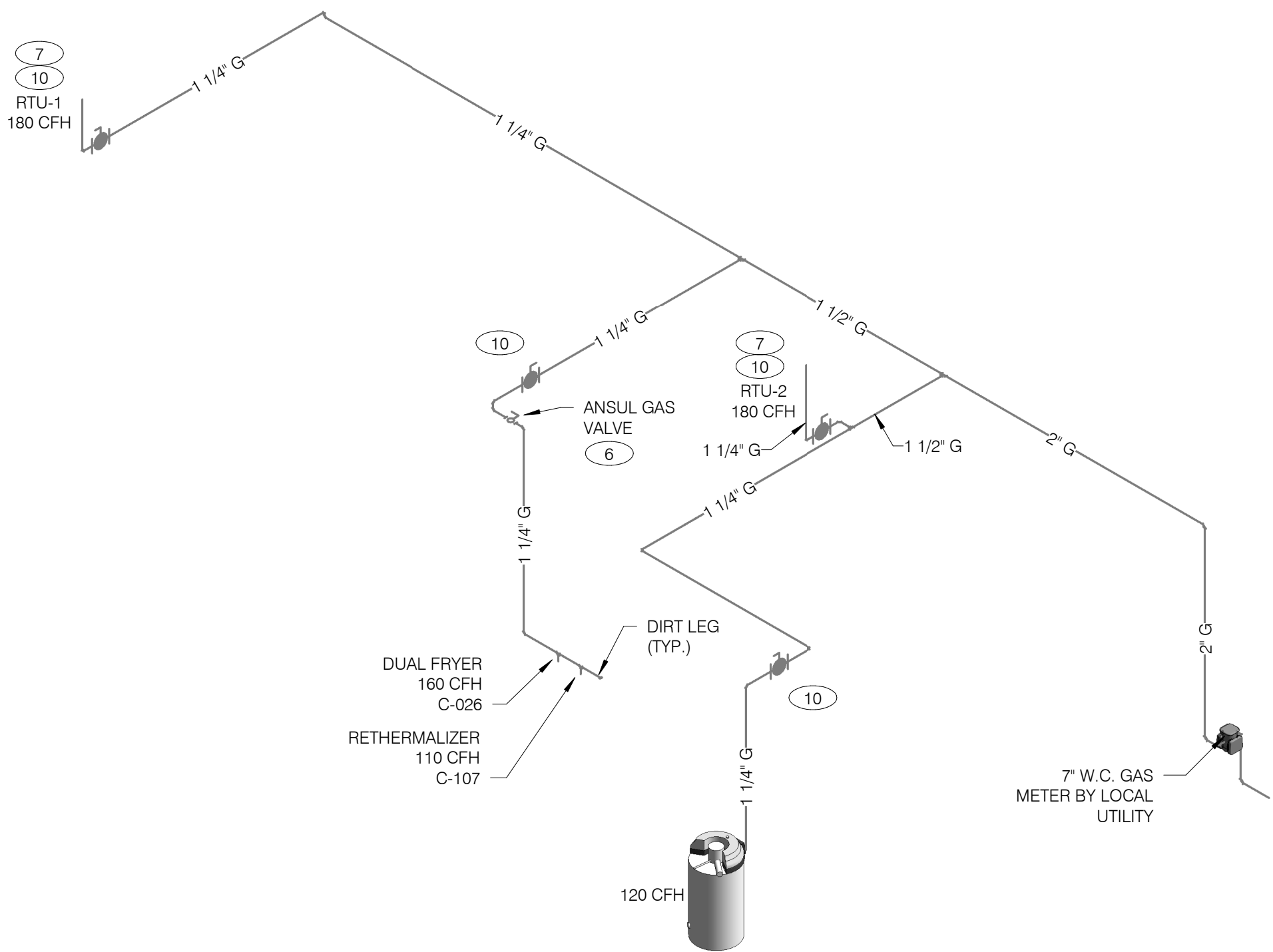
**WATER ISOMETRIC** NTS **4**



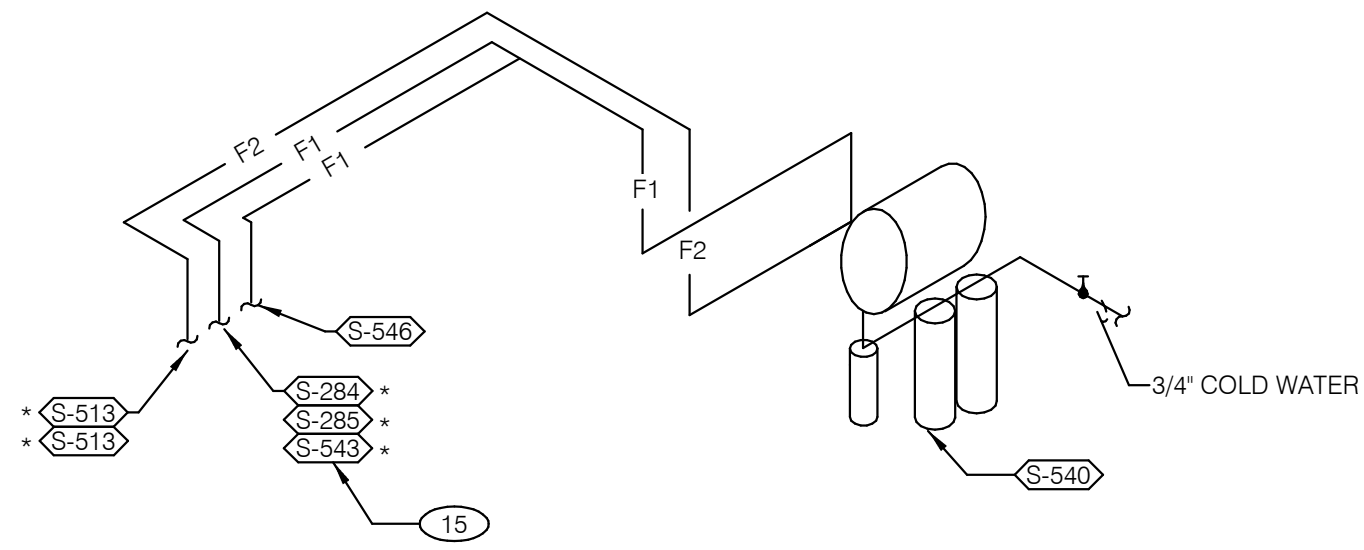
**WASTE AND VENT ISOMETRIC** NTS **1**

GAS DEMAND SCHEDULE	
RTU-1	180 CFH
RTU-2	180 CFH
WH-1	120 CFH
DUAL FRYER	160 CFH
RETHERMALIZER	110 CFH
TOTAL DEMAND 750 CFH = 750,000 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.   | 10 | PROVIDE GAS SHUT-OFF VALVE IN CEILING SPACE.  |
| 2 | 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.   | 11 | 1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.   |
| 3 | 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.  | 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. |
| 4 | THERMOSTATIC MIXING VALVE.  | 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.                |
| 5 | REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. METER LOCATED OUTSIDE. VERIFY LOCATIONS WITH CIVIL DRAWINGS.   | 14 | 1/2" COLD WATER TO HOT WATER SYSTEM FILTER.   |
| 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. | 15 | TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.  |
| 7 | GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.  | 16 | 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.                               |
| 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.  |    |   |

**KEYNOTES - ISOMETRICS** NTS **3**

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JOB NO.: 2020088.24

**TACO BELL**

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Cartersville, GA 30121

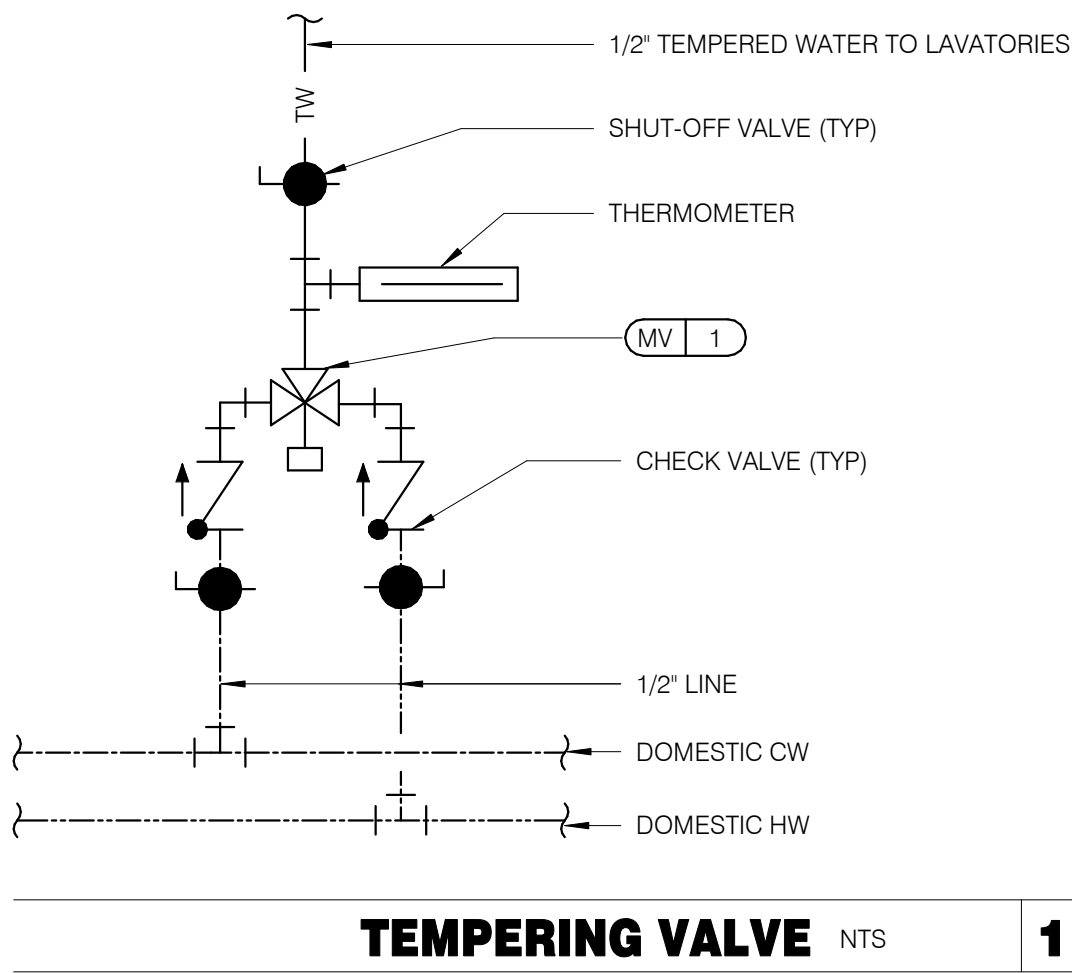


**ENDEAVOR 2.0  
RISER  
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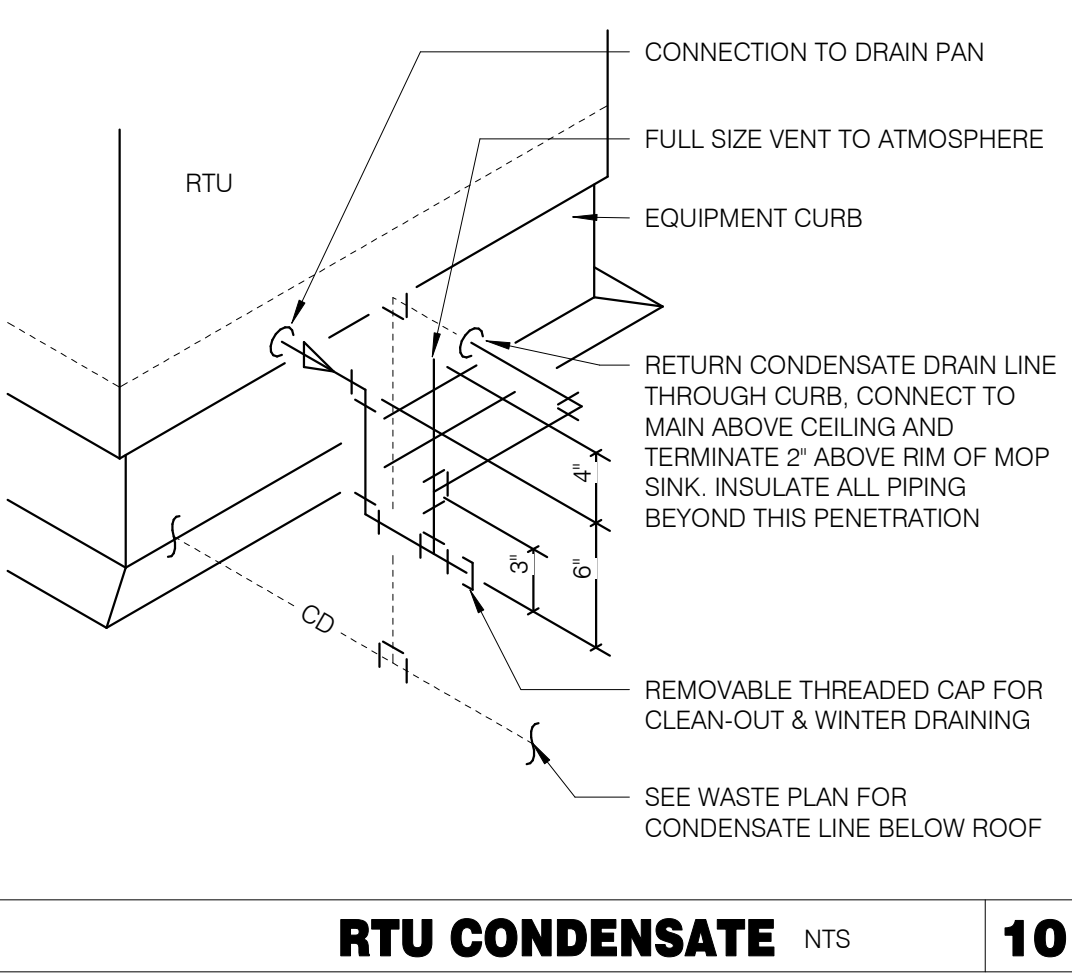
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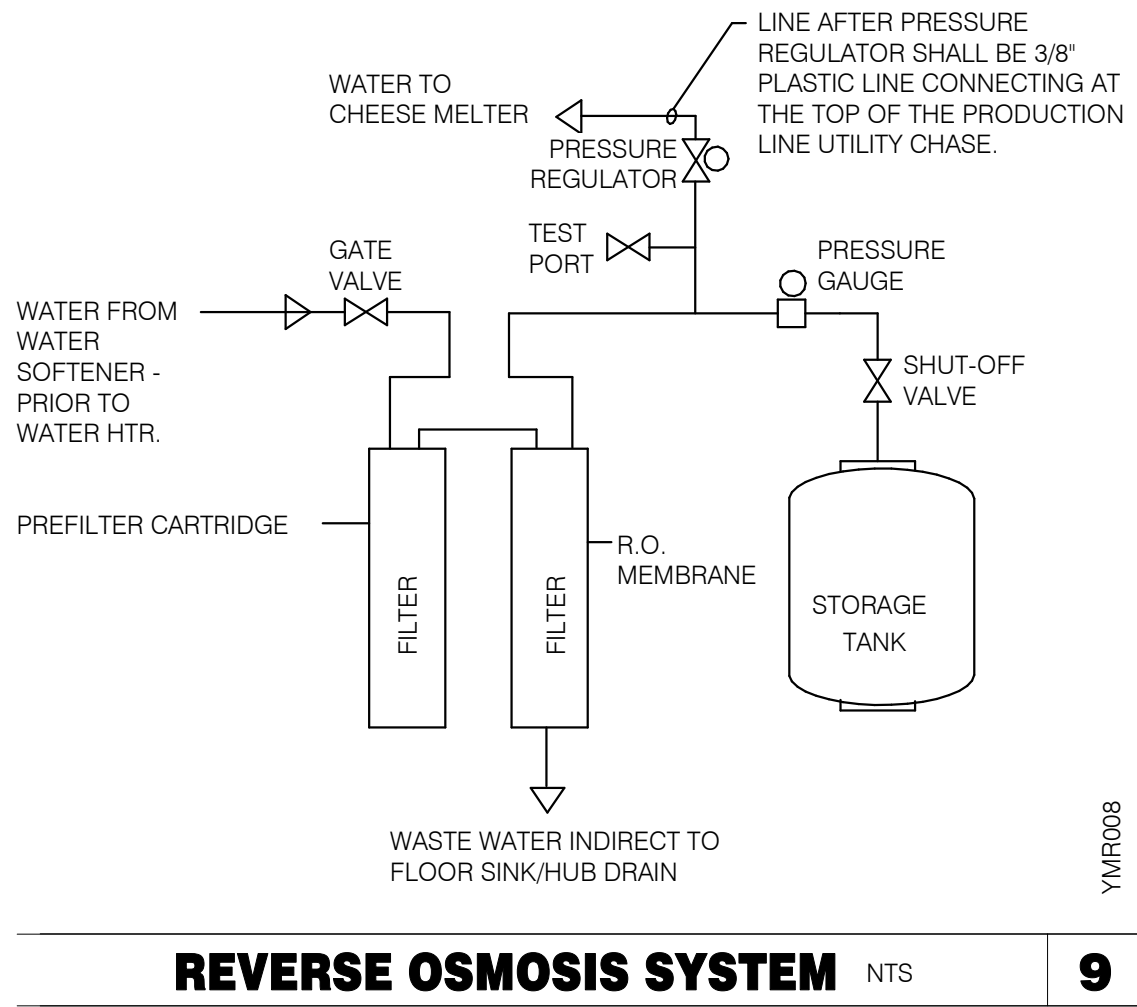
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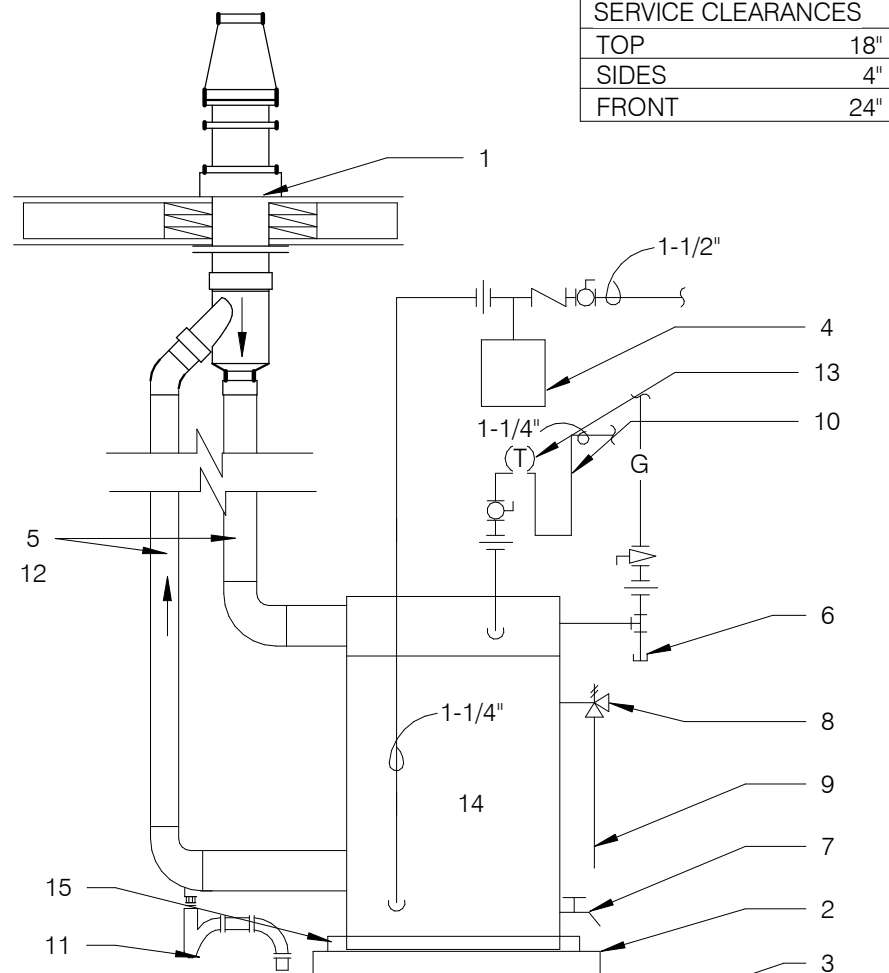
TEMPERING VALVE NTS 11



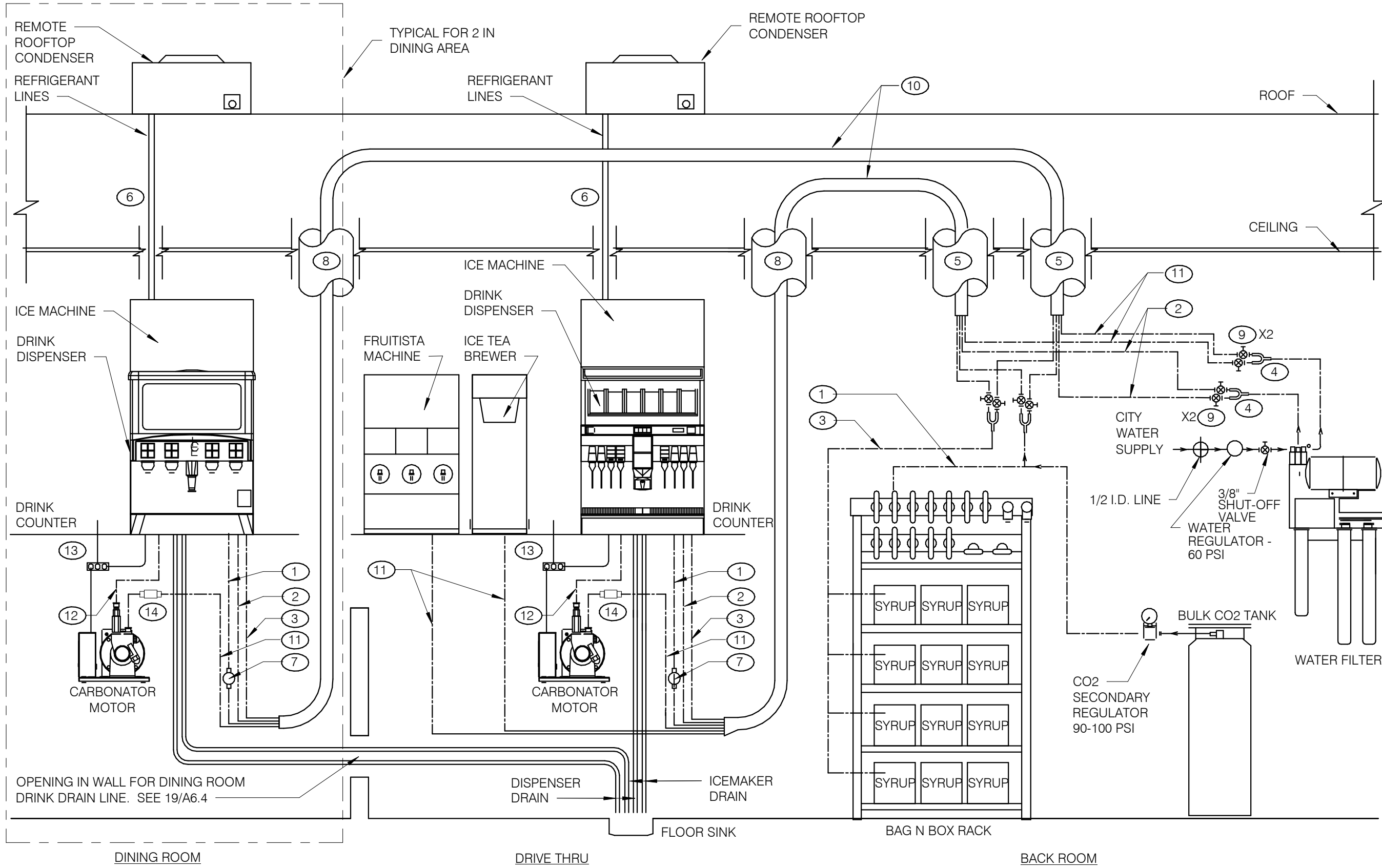
RTU CONDENSATE NTS 10



REVERSE OSMOSIS SYSTEM NTS 9

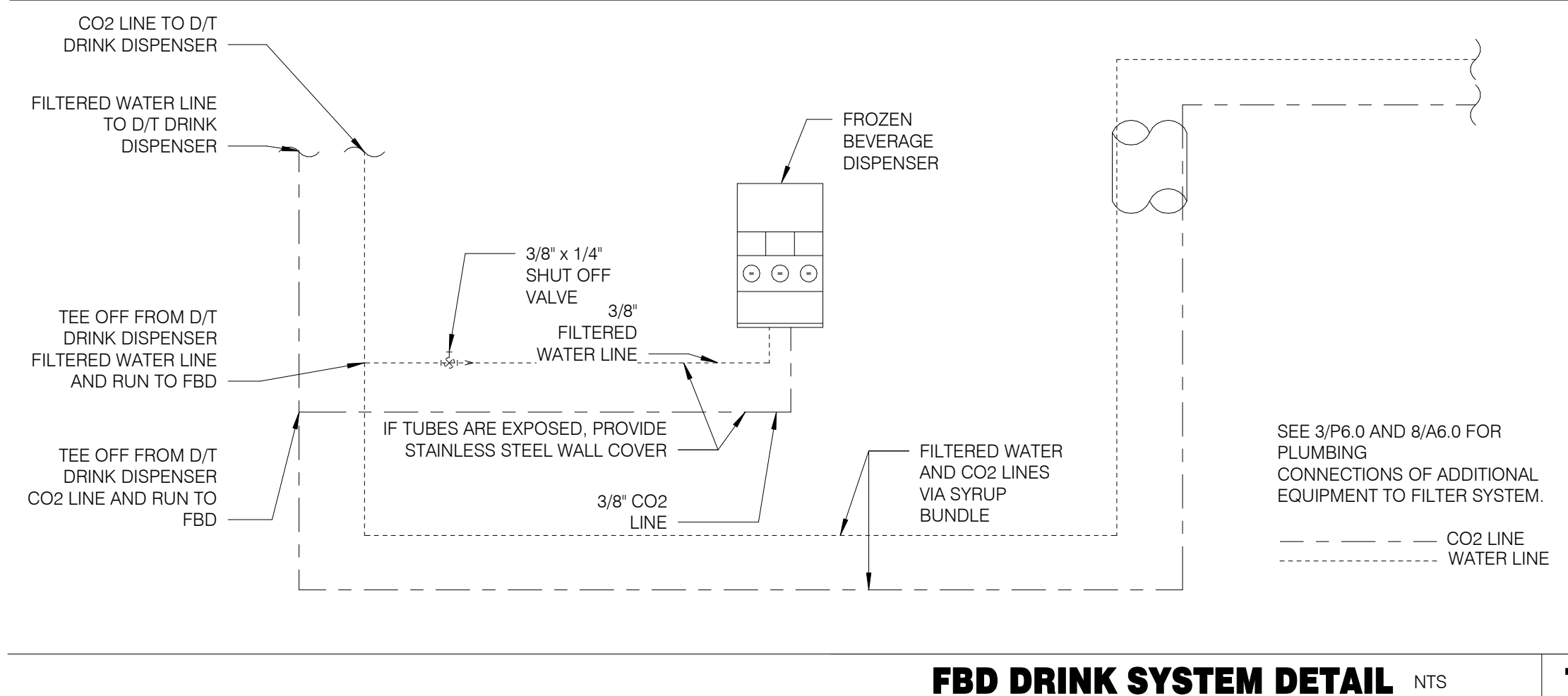


WATER HEATER NTS 2

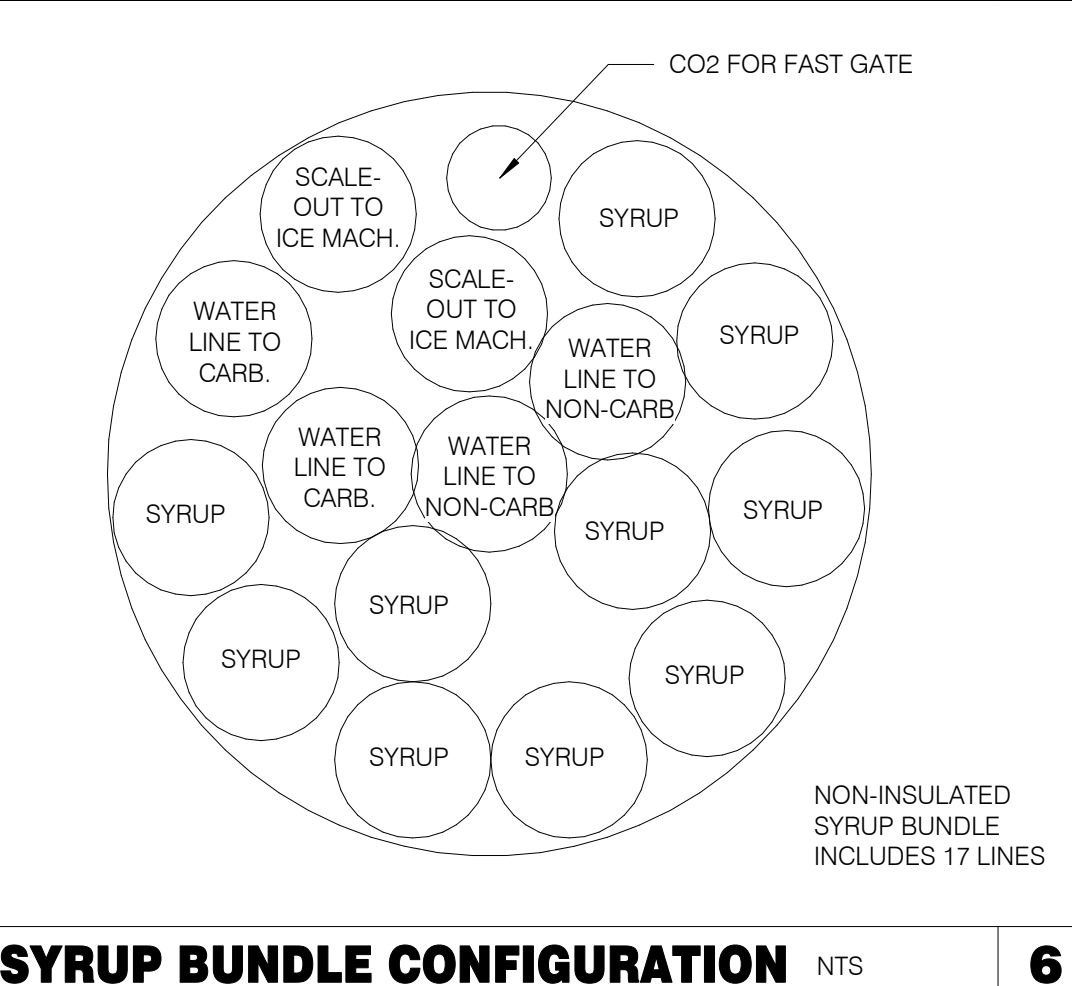


- KEY NOTES:
- |   |                       |  |   |   |  |
|---|-----------------------|--|---|---|--|
| 1 3/8" CO <sub>2</sub> LINE               | 3 3/8" SYRUP LINES    | 5 BUNDLED TUBING CEILING PENETRATION.                                | 7 PRE-SET CO <sub>2</sub> REGULATOR   | 9 3/8" SHUT OFF VALVES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

DRINK SYSTEM SCHEMATIC NTS 8

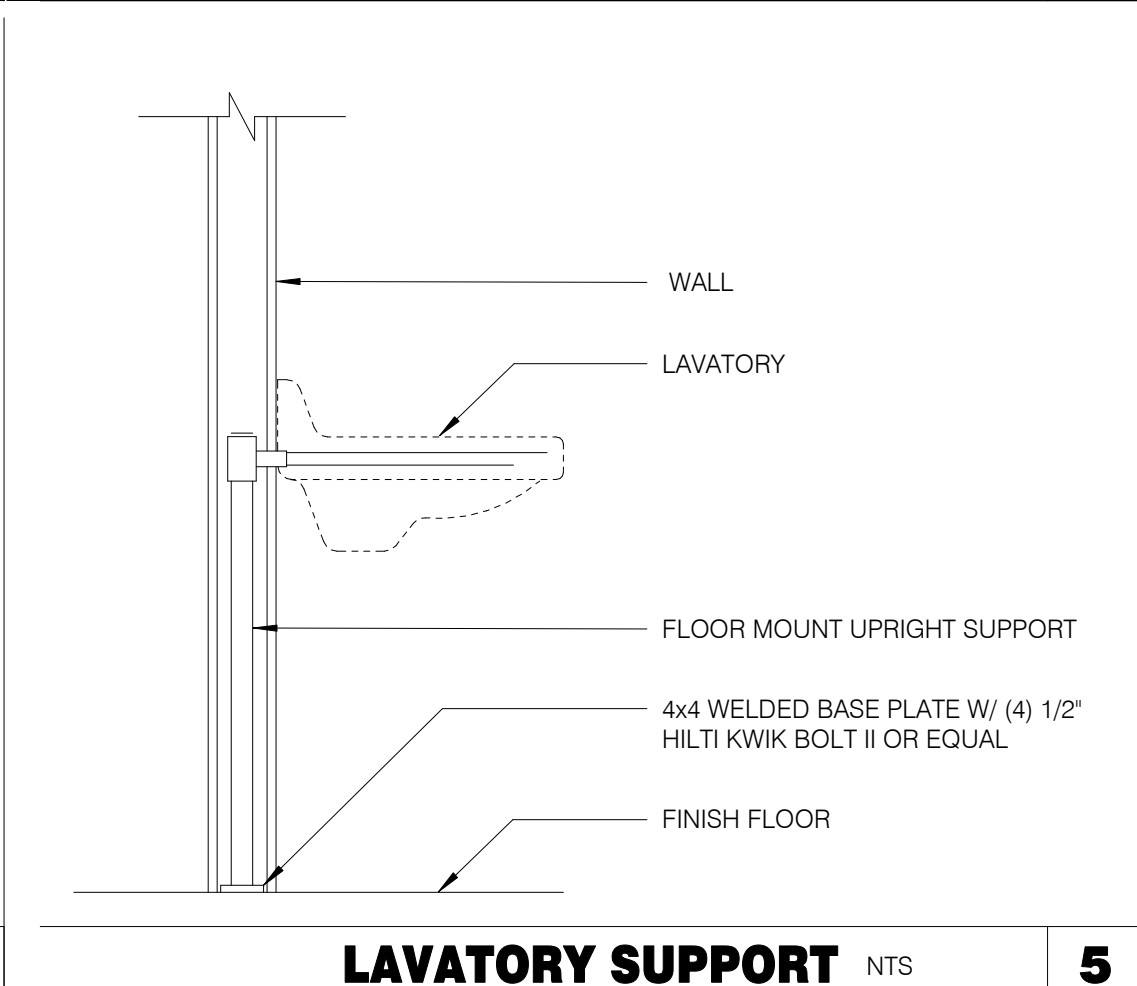


FBD DRINK SYSTEM DETAIL NTS 7



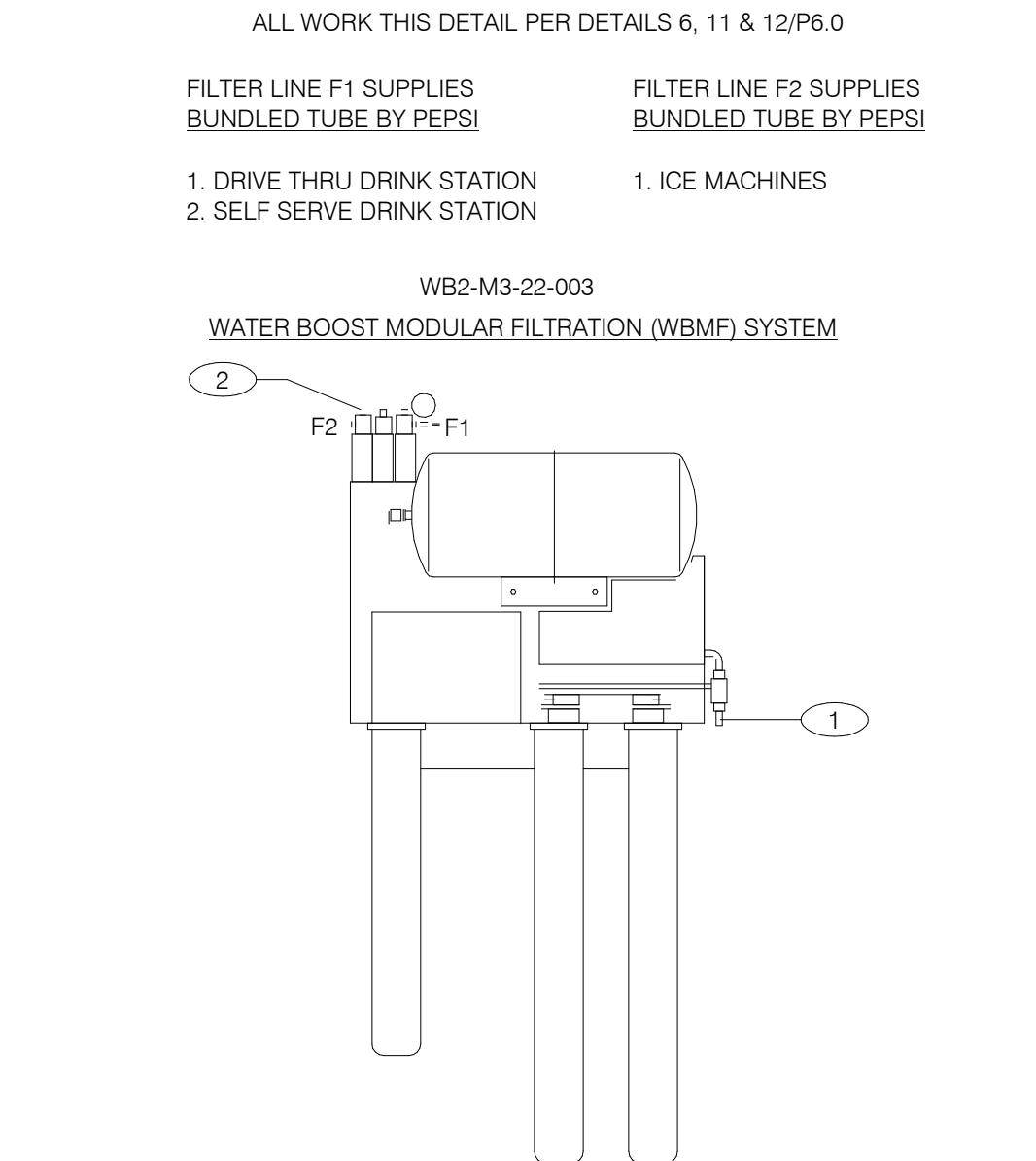
SYRUP BUNDLE CONFIGURATION NTS 6

WATER FILTRATION SCHEMATIC NTS 3



LAVATORY SUPPORT NTS 5

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



- KEY NOTES:
- 1 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
  - 2 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.

GENERAL NOTES:

1. OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
2. SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
3. INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
4. THE UNIT SHALL BE PROTECTED AGAINST FREEZING.
5. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
6. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
7. SEE SHT. A2.0 FOR LOCATION.

WATER FILTER SYSTEM NTS 1

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

**GPD GROUP**  
Professional Corporation  
520 S. MAIN STREET, SUIT 2531  
AKRON, OH 44311  
330.572.2100 FAX: 330.572.2102

DATE	REMARKS
1 11.23.21	Issued for Permit
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CONTRACT DATE: 10.05.21  
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BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
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DRAWN BY.: TH  
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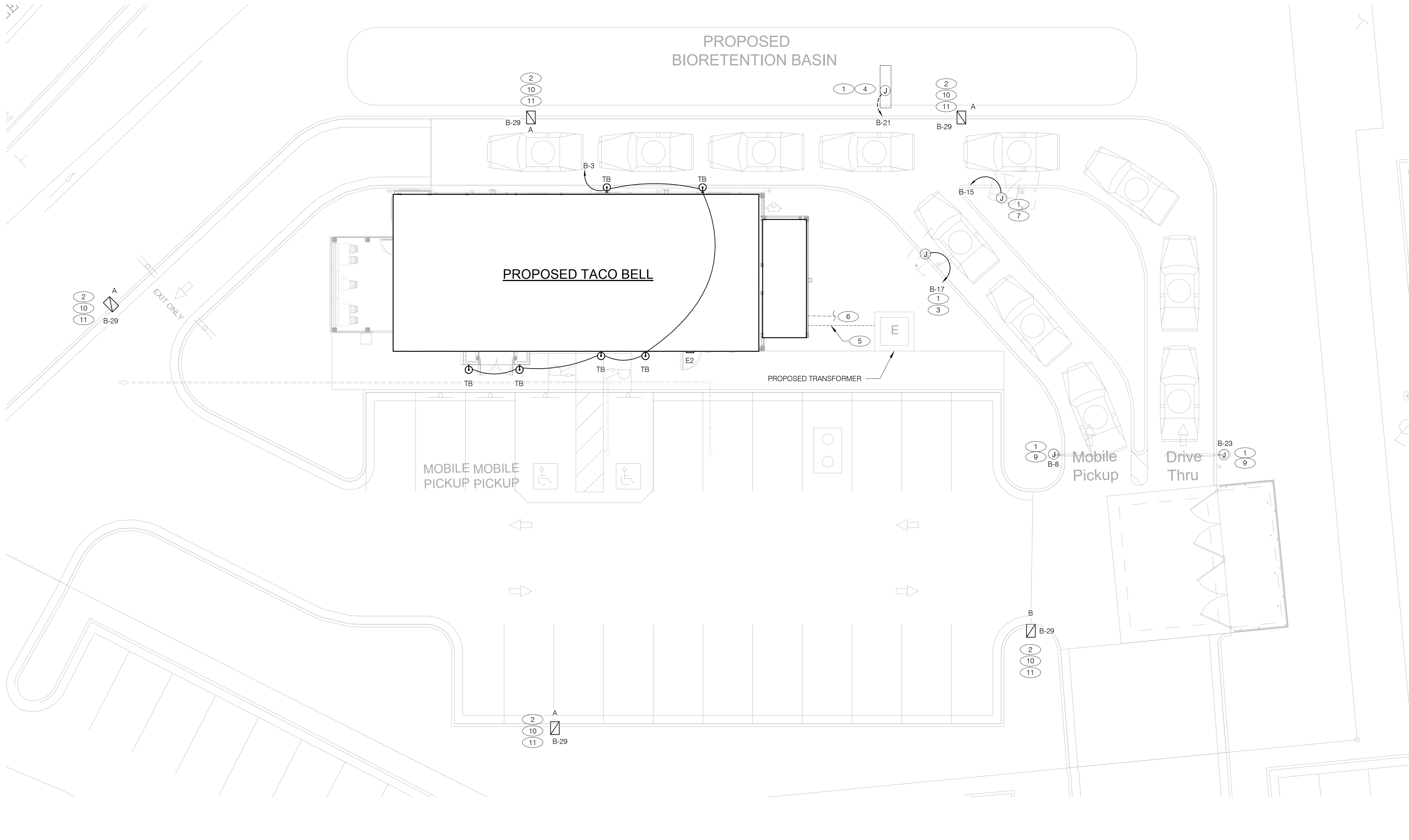
**TACO BELL**  
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0**  
**PLUMBING**  
**DETAILS**

**P6.0**

PLOT DATE: 3/31/2022 11:34:11 AM



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PA/PM: SM  
DRAWN BY.: AJR  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
SITE  
ELECTRICAL  
PLAN

E1.0

PLOT DATE: 3/31/2022 11:32:48 AM

CONDUIT SCHEDULE

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

- 1

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

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

DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. PROVIDE (2) #8AWG., #8 GND. IN 1"C. REFER TO CIVIL DRAWINGS.
- 4

LED PYLON SIGN.
- 5

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

PROVIDE SEPARATE 2" 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

NOT USED.

9

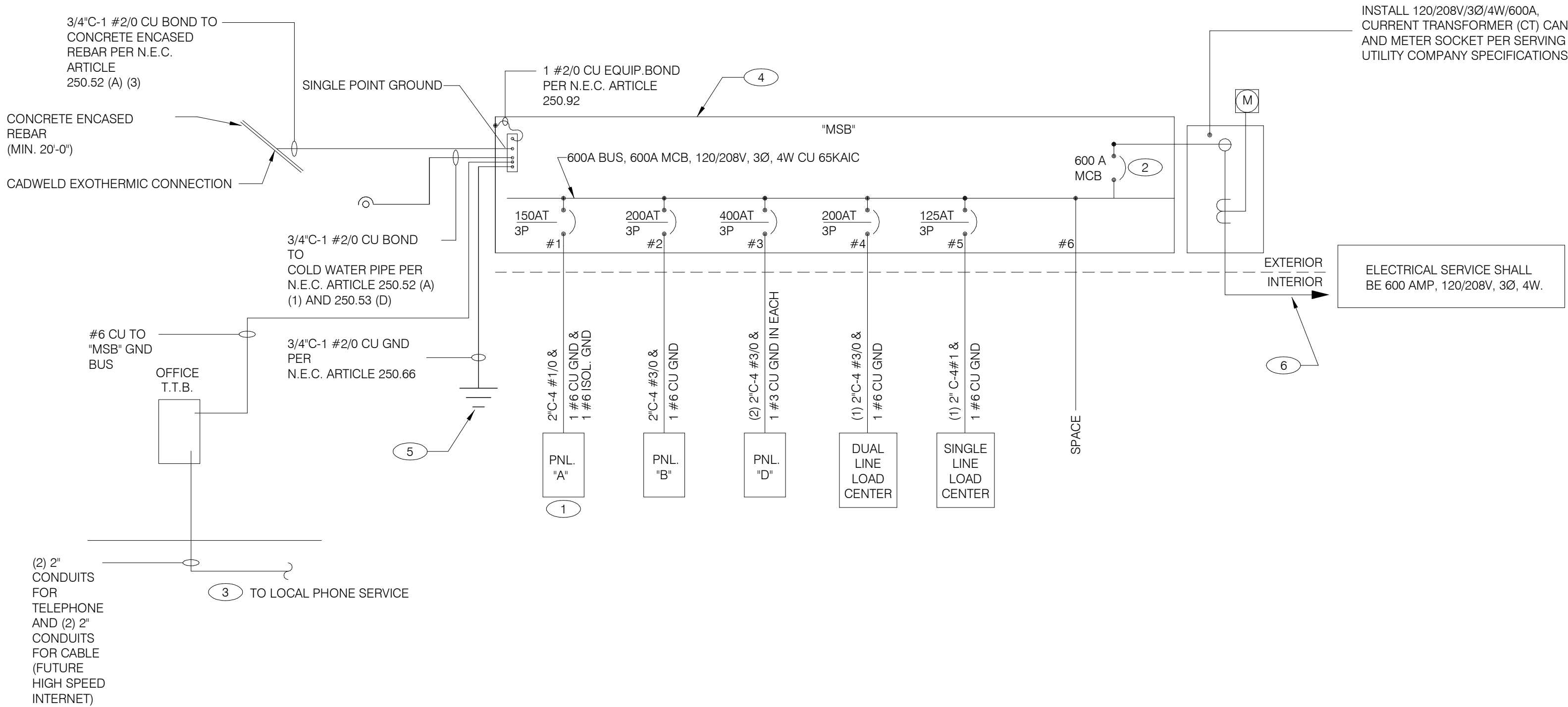
CLEARANCE BAR. REFER TO CIVIL DRAWINGS.

10

LED SITE LIGHTING, REFER TO CIVIL DRAWINGS, TYP. REFER TO DETAIL 12/C1.1.

11

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



**SINGLE LINE DIAGRAM** NTS

**A**

	2X4 LED FIXTURE	NL	NIGHTLIGHT
	2X4 LED FIXTURE WITH BATTERY PACK	(S)	CEILING MOUNTED SPEAKER
	1X4 LED FIXTURE	(S)	WALL MOUNTED SPEAKER
	1X4 LED FIXTURE WITH BATTERY PACK	(J)	JUNCTION BOX
	DOWNLIGHT FIXTURE	(J)	WALL MOUNTED JUNCTION BOX
	SUSPENDED DOWNLIGHT FIXTURE	◀	TELEPHONE OUTLET
	PENDANT MOUNTED LIGHT FIXTURE	⊕	DEDICATED GROUNDED OUTLET
	TRACK MOUNTED PENDANT LIGHT FIXTURE	⊕	DUPLEX GROUNDED OUTLET
	COOLER FIXTURE	⊕	DOUBLE DUPLEX GROUNDED OUTLET
	EXIT SIGN (WALL MOUNTED)	⊕	GROUND FAULT DUPLEX OUTLET
	EXIT SIGN (CEILING MOUNTED)	⊕	GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED
	SECURITY STROBE	⊕	GROUND FAULT DEDICATED OUTLET

	FUSIBLE DISCONNECT SWITCH WITH STARTER
	FUSIBLE DISCONNECT SWITCH
	NON-FUSIBLE DISCONNECT SWITCH
	PHOTOCCELL
	RAIN SENSOR
	LED WALL MOUNT FIXTURE
	EMERGENCY LIGHT
	SINGLE POLE, SINGLE THROW TOGGLE SWITCH
	SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	WALL MOUNTED OCCUPANCY SENSOR
	RELAY
	CONDUIT RUN, UNDERGROUND
	SMOKE DETECTOR
	EXTERIOR WALL FIXTURE
	EXTERIOR DECORATIVE WALL FIXTURE
	WEATHERPROOF GROUND FAULT

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

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

**ELECTRICAL LEGEND** NTS

**D**

**ONE LINE DIAGRAM GENERAL NOTES** NTS

**C**

**ONE LINE DIAGRAM KEY NOTES** NTS

**B**

	DATE	REMARKS
1	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	AJR
JOB NO.:	2020088.24

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



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

**E2.0**

PLOT DATE: 3/31/2022 11:32:50 AM



Switchboard: MSB							
Location:		Volts: 120/208 Wye		A.I.C. Rating: 65 KAIC			
Supply From:		Phases: 3		Mains Type: MCB			
Mounting: SURFACE		Wires: 4		Mains Rating: 600 A			
Enclosure: NEMA-3R				MCB Rating: 600 A			
Notes:		100% RATED CIRCUIT BREAKER					
CKT	Circuit Description	WIRE SIZE	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANELBOARD A	1/0	3	225 A	150 A	28100 VA	--
2	PANELBOARD B	3/0	3	225 A	200 A	15085 VA	--
3	PANELBOARD D	3/0	3	400 A	400 A	64237 VA	--
4	DUAL COOK LINE PANEL	3/0	3	225 A	200 A	52000 VA	
5	SINGLE COOK LINE	1	3	225 A	125 A	28800 VA	
6	Space		--	--	--	0 VA	--
Total Conn. Load:						188222 VA	
Total Amps:						522 A	
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals		
HVAC		32020 VA	100.00%	32020 VA			
Kitchen		11958 VA	65.00%	7773 VA	Total Conn. Load: 188222 VA		
Lighting		7699 VA	125.00%	9624 VA	Total Est. Demand: 185962 VA		
Other		830 VA	100.00%	830 VA	Total Conn. Current: 522 A		
Power		111812 VA	100.00%	111812 VA	Total Est. Demand Current: 516 A		
Receptacle		6524 VA	100.00%	6524 VA			
Refrigeration		17379 VA	100.00%	17379 VA			
Notes:							

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

Panel: A															
Location: MSB					Volts: 120/208 Wye					A.I.C. Rating: SERIES					
Supply From: MSB					Phases: 3					Mains Type: M.L.O.					
Mounting: Recessed					Wires: 4					Mains Rating: 150 A					
Enclosure: Type 1										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	3	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	
	9	S-026 HEAT CABINET	20 A	1			1800...	540 VA			1	20 A	RECEPTACLES - OFFICE	10	
IG	11	U-050 CREDIT CARD SAT. ROUTER JUNC.	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	15	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...	2013...			20 A	C-107 RETHERMALIZER	18
	19				2013...	240 VA					1	20 A	C-107 RETHERMALIZER	20	GF
	21	SECURITY CAMERA POWER	20 A	1			600 VA	0 VA			1	0 A	SHUNT TRIP SPACE	22	ST
GF	23	C-026 FRYER	20 A	1					972 VA	100 VA	1	15 A	C-400 COOK TIMER	24	
ST	25	SHUNT TRIP SPACE	0 A	1	0 VA	500 VA					1	20 A	INTERIOR DIGITAL MENUBOARD	26	
	27	Spare	20 A	1			0 VA	500 VA			1	20 A	OCB SWITCH	28	
	29	DINING POS ENTRY 2	20 A	1					680 VA	1800...	1	20 A	L-045 WARMER	30	GF
IG	31	DRIVE THRU MONITORS	20 A	1	180 VA	360 VA					1	20 A	SAFE W/TOUCHSCREEN CONTROLS	32	
	33	RECIRCULATION PUMP	20 A	1			200 VA	1180...			1	20 A	DINING POS ENTRY 1	34	IG
IG	35	KIOSK POWER - FRONT COUNTER	20 A	1					200 VA	700 VA	1	20 A	AUTO FAUCET POWER	36	
	37	MAINTENANCE RECEPTACLE...	20 A	1	180 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:					7993 VA		9461 VA		10646 VA						
Total Amps:					67 A		81 A		91 A						
Legend:															
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
Power			22724 VA		100.00%		22724 VA								
Receptacle			2808 VA		100.00%		2808 VA								
									Total Conn. Load: 28100 VA						
									Total Est. Demand: 28100 VA						
									Total Conn. Current: 78 A						
									Total Est. Demand Current: 78 A						
Notes:															

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER  
AF - ARC-FAULT CIRCUIT INTERRUPTER  
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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.

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BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: AJR  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
ELECTRICAL  
SCHEDULES

E2.1

PLOT DATE: 3/31/2022 11:32:52 AM



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

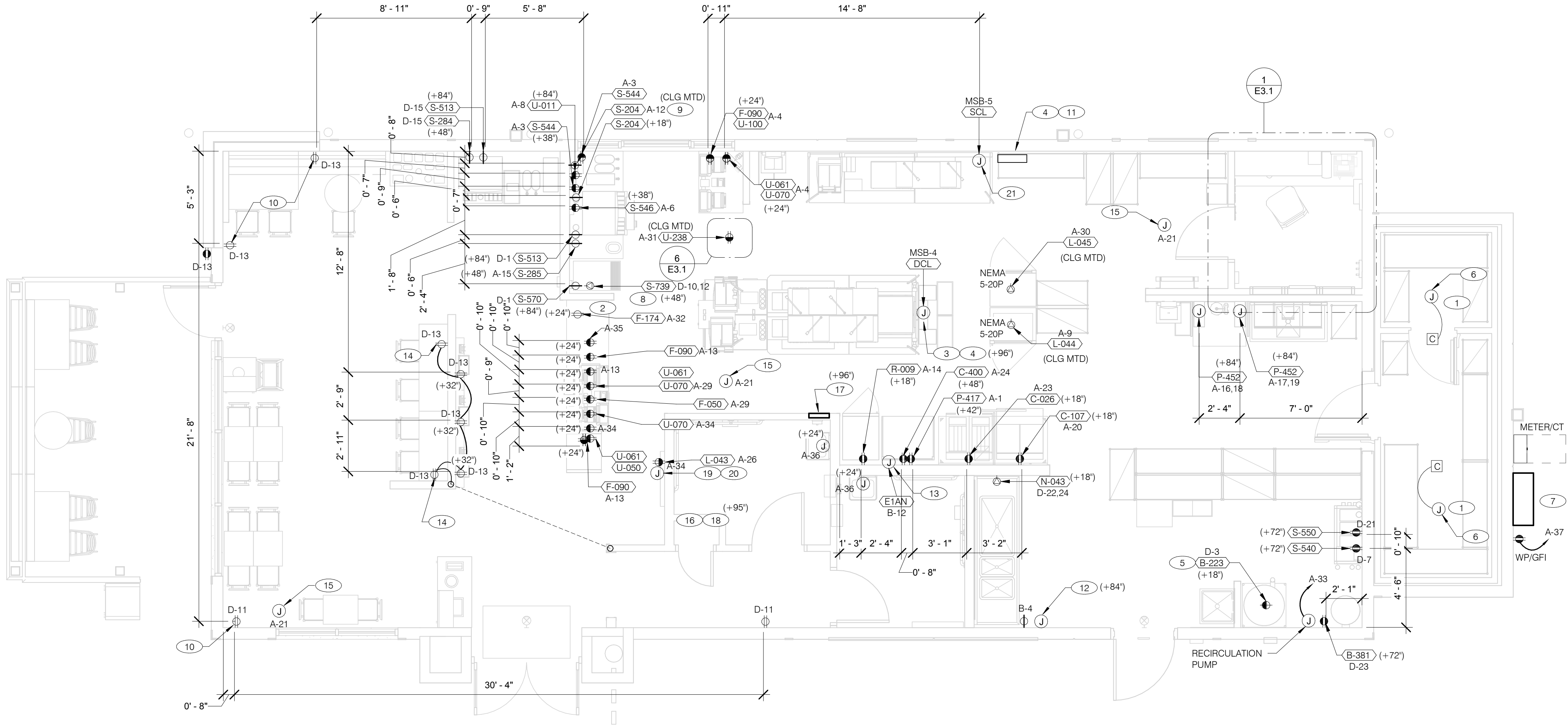
TYPE: H-HEATING, C-COOLING, KR-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER  
DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, LC&P-LOCKING CORD & PLUG, F-FUSED, NF-NON-FUSED, MCCB-MOLDED CASE CIRCUIT BREAKER  
SUPPLIED/INSTALLED BY: EC-ELECTRICAL CONTRACTOR, HC-HVAC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

- NOTES: 1 - REQUIRES SHUNT TRIP PROTECTION  
2 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE  
3 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC.  
4 - CORD, PLUG & RECEPTACLE SUPPLIED AND INSTALLED BY EC.

5 - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.  
6 - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.  
7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.  
8 - HARDWIRED CONNECTION BY E.C.

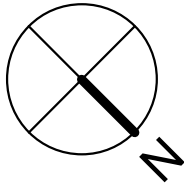
\*\*\*REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ALL KITCHEN EQUIPMENT AND FINAL COORDINATION\*\*\*

Panel: D										Location: Supply From: MSB Mounting: Recessed Enclosure: Type 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 400 A MCB Rating: N/A			
Notes:																					
NOTES	CKT	Load Name	Trip	Poles	A		B		C		Poles	Trip	Load Name	CKT	NOTES						
GF	1	CARBONATOR	15 A	1	276 VA	0 VA					1	20 A	Spare	2							
GF	3	B-223 WATER HEATER IGNITION	20 A	1			744 VA	1000...			1	20 A	ALTERNATE PAYMENT ROUTER BOX...	4							
	5	OC SWITCHED RECEPTACLE	20 A	1					180 VA	680 VA	1	20 A	IRRIGATION TIMER AND RECEPTACLE	6	GF						
GF	7	S-540 PEPSI BOOSTER TANK	20 A	1	564 VA	500 VA					1	20 A	MUSIC SYSTEM J-BOX AND...	8							
	9	RECEPTACLES - ROOF	20 A	1			540 VA	1560...			2	30 A	S-739 FROZEN BEV. DISP.	10	GF						
	11	CONVENIENCE RECEPTACLES	20 A	1					360 VA	1560...				12							
	13	GENERAL PURPOSE RECEPTACLES	20 A	1	1440...	1600...					2	20 A	ICE MAKER CONDENSER D/T	14							
GF	15	DRINK FOUNTAIN - S-284 AND R-XX1	20 A	1			1254...	1600...						16							
	17	ICE MAKER CONDENSER	20 A	2					1600...	1600...	2	20 A	ICE MAKER CONDENSER	18							
	19				1600...	1600...								20							
GF	21	S-550 BAG IN BOX RACK	20 A	1			564 VA	2370...			2	20 A	POWER SOAK	22	GF						
	23	B-381 AMPROBE CO2 MONITOR	20 A	1					156 VA	2370...				24							
	25				5040...	500 VA					1	20 A	MUSIC SYSTEM (MUZAK)	26							
	27	RTU-1	50 A	3			5040...	1200...						28							
	29								5040...	1200...	3	15 A	WALK-IN COOLER	30							
	31				5040...	1200...								32							
	33	RTU-2	90 A	3			5040...	1393...						34							
	35								5040...	1393...	3	20 A	WALK-IN FREEZER	36							
	37	Spare	20 A	1	0 VA	1393...								38							
	39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40							
	41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42							
					Total Load:		20753 VA		22305 VA		21179 VA										
					Total Amps:		173 A		186 A		177 A										
Legend:																					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals												
Power			4928 VA		100.00%		4928 VA														
HVAC			30240 VA		100.00%		30240 VA		Total Conn. Load: 64237 VA												
Receptacle			2300 VA		100.00%		2300 VA		Total Est. Demand: 60951 VA												
									Total Conn. Current: 178 A												
									Total Est. Demand Current: 169 A												
Notes:																					



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

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



	DATE	REMARKS
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4	03.17.22	Issued for RSCS Bid
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CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: AJR  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
ELECTRICAL  
POWER PLAN

E3.0

PLOT DATE: 3/31/2022 11:33:01 AM

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- 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 MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J.

ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.
- K.

PER SECTION 210.8 NEC 2020, ALL SINGLE PHASE RECEPTACLE RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GOUND 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 CABINETRY REAR WALL.
- 3

CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4

EQUIPMENT CABINET.
- 5

LOCATED INSIDE SHELL OF HEATER.
- 6

INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7

LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8

PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 9

CEILING MOUNTED FOR WALL MOUNTED HME. SEE 7/E3.1
- 10

PROVIDE TAMPER RESISTANT 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

NOT USED.
- 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

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.

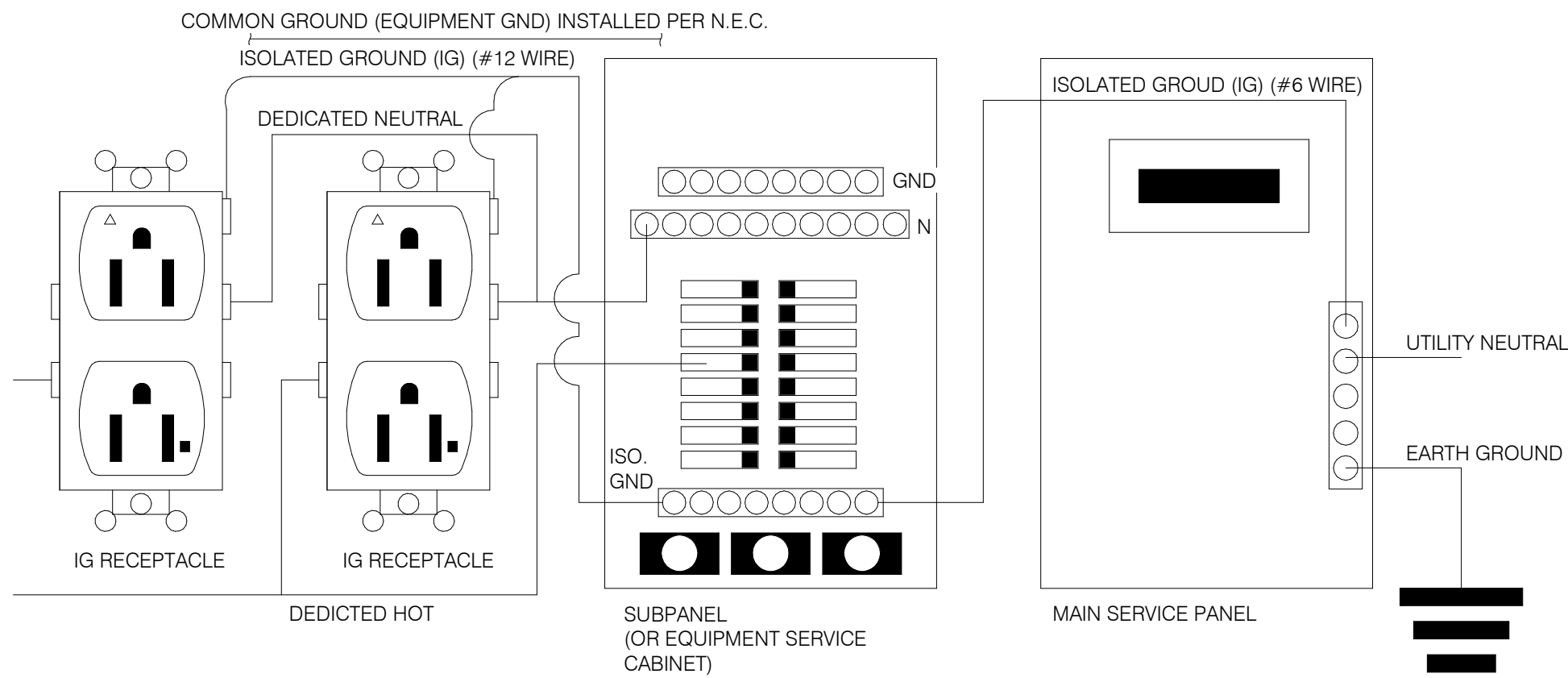
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

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.

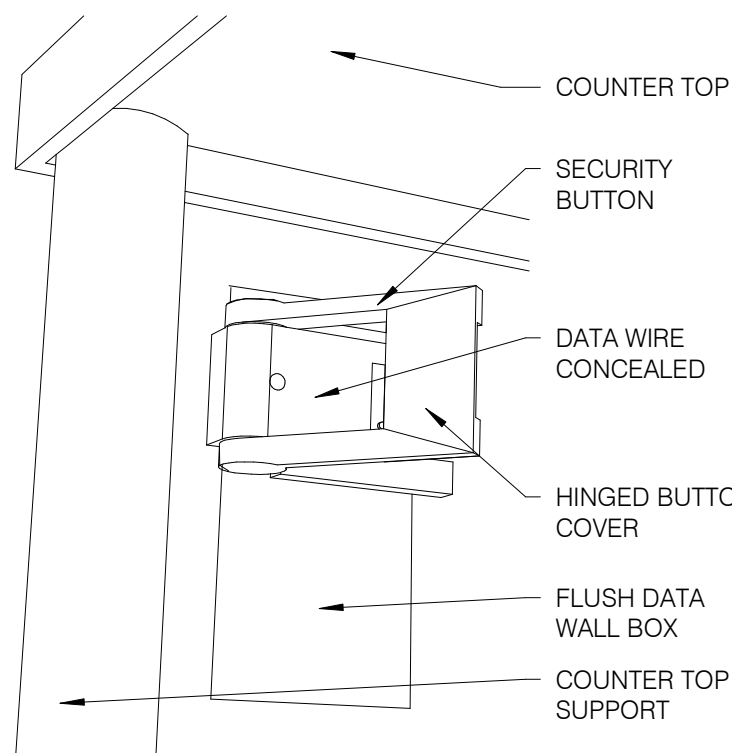
**DEDICATED CIRCUITS:** DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE "PHASE ALIGNED" WITH THE "B" PHASE OF BUILDING SUBPANEL "A".



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

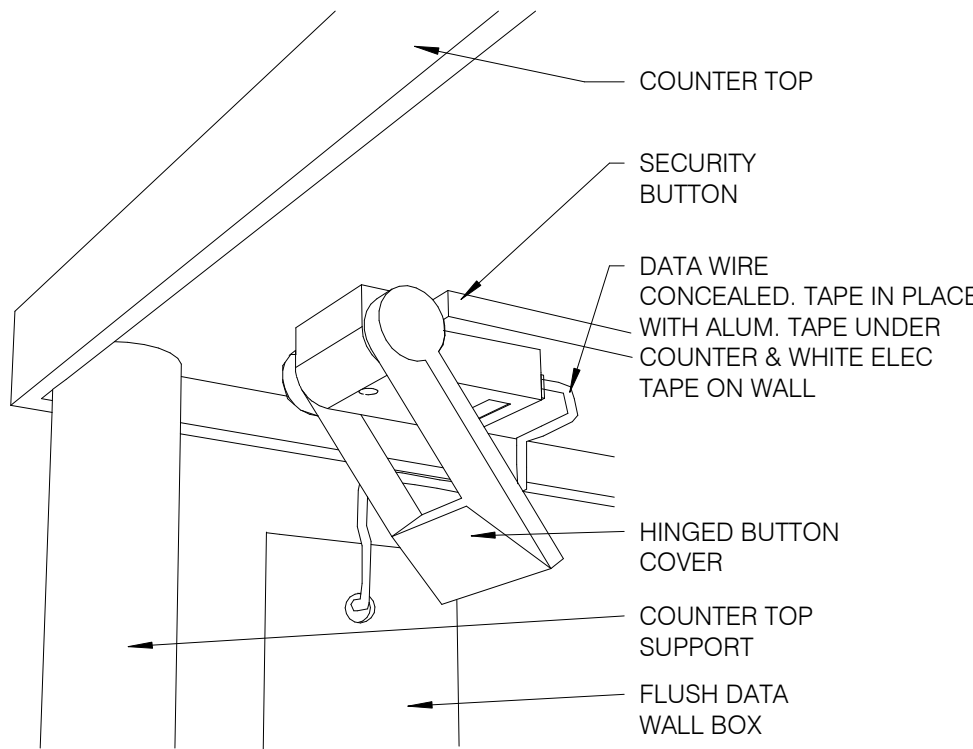
**P.O.S. ISOLATED GROUND SYSTEM** NTS

6



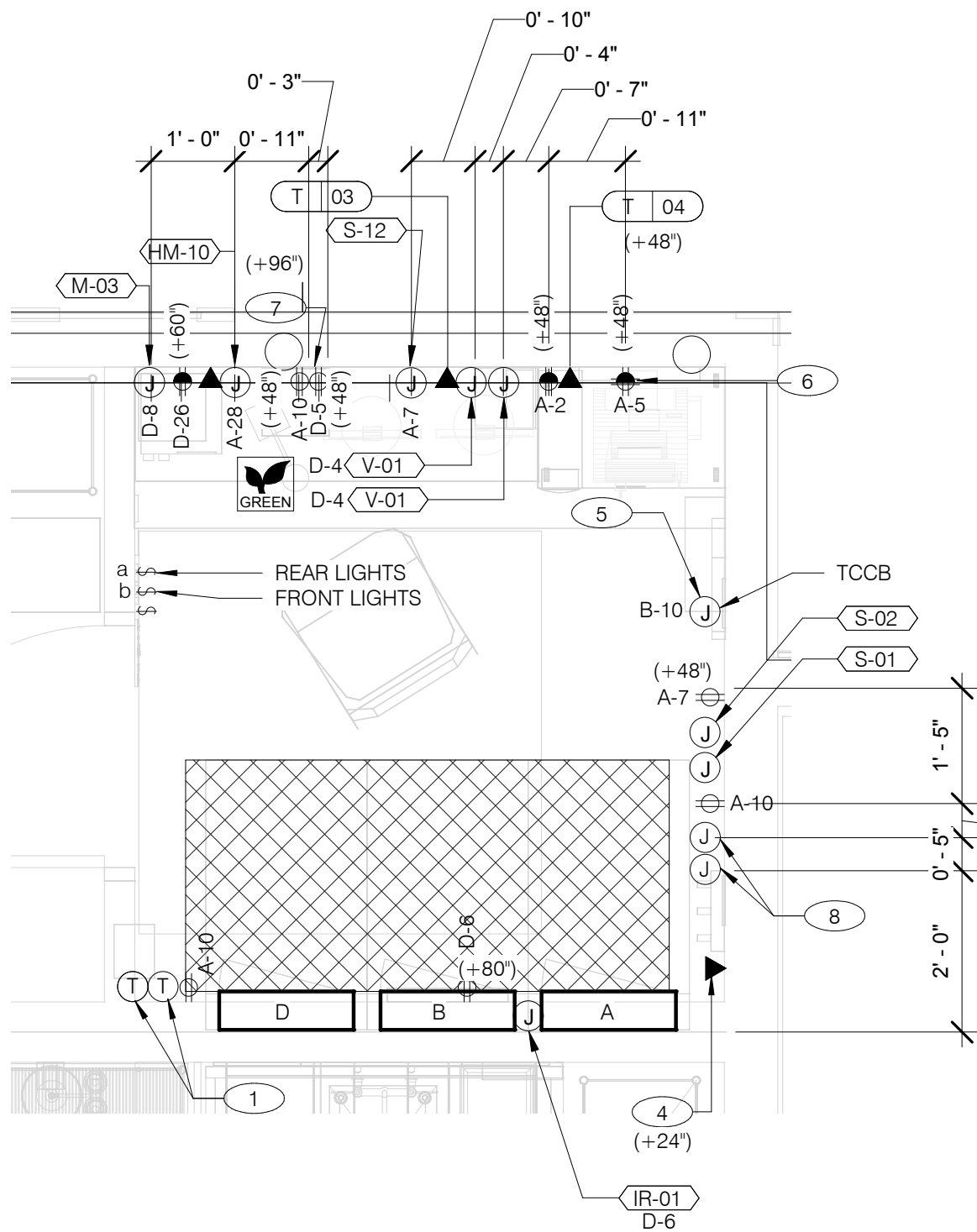
**SECURITY BUTTON ON WALL** NTS

3



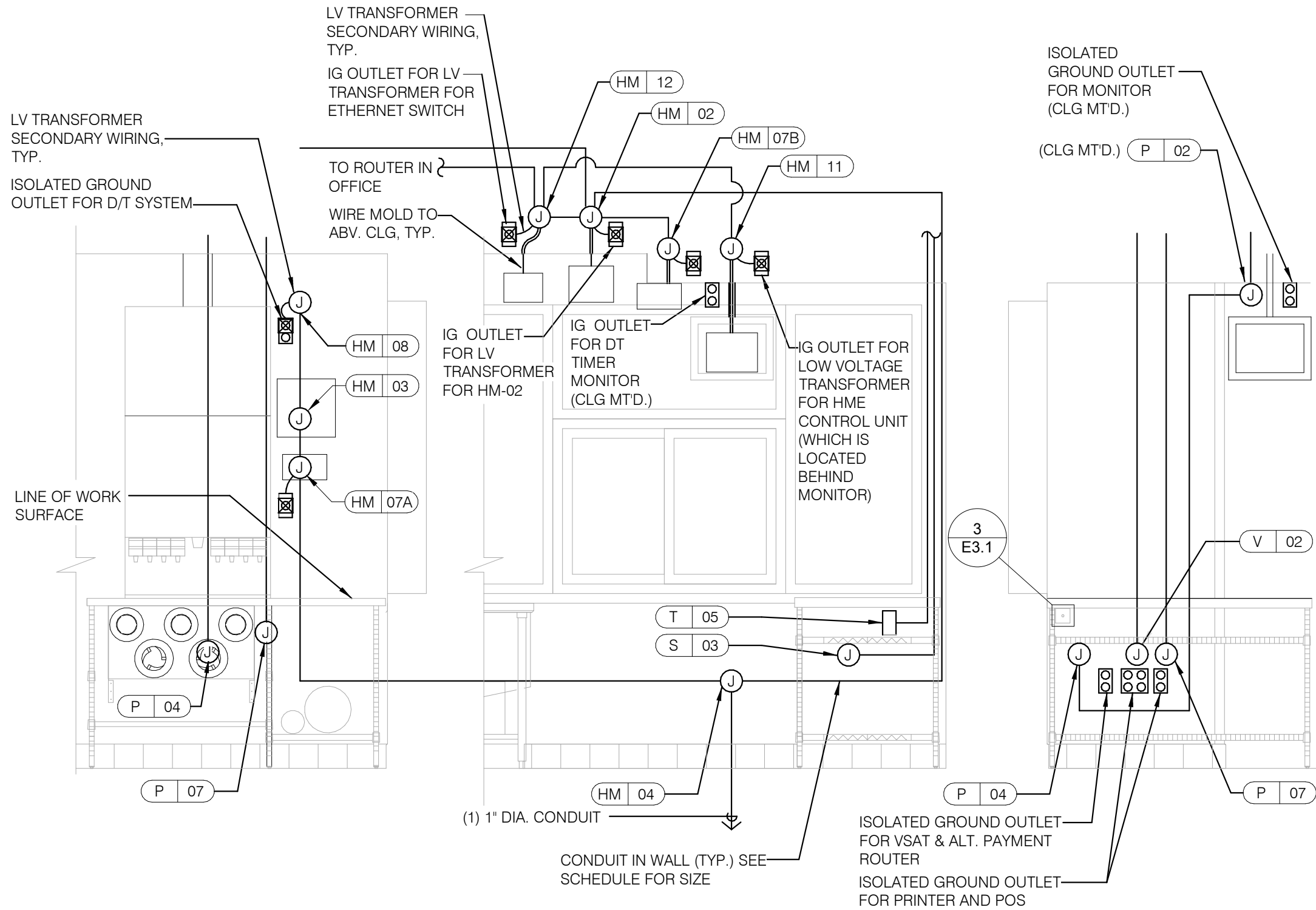
**SECURITY BUTTON UNDER COUNTER** NTS

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

DATE	REMARKS
1 11.23.21	Issued for Permit
4 03.17.22	Issued for RSCS Bid
5 04.01.22	Issued for Bid

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
PA/PM:	SM
DRAWN BY.:	AJR
JOB NO.:	2020088.24

**TACO BELL**

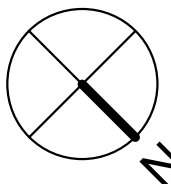
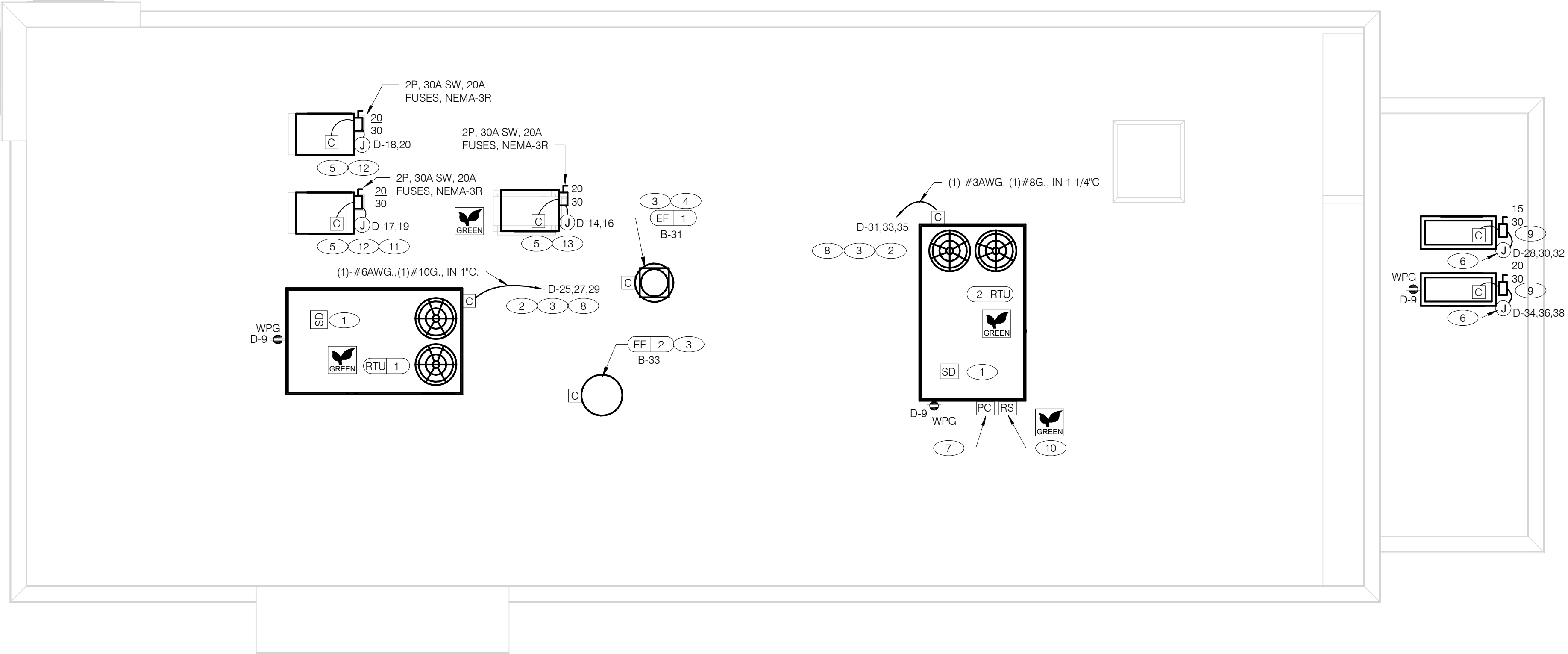
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
ENLARGED  
POWER PLAN  
AND DETAILS**

**E3.1**

PLOT DATE: 3/31/2022 11:33:05 AM



**POWER ROOF PLAN**

1/4" = 1'-0"

**A**

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

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

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

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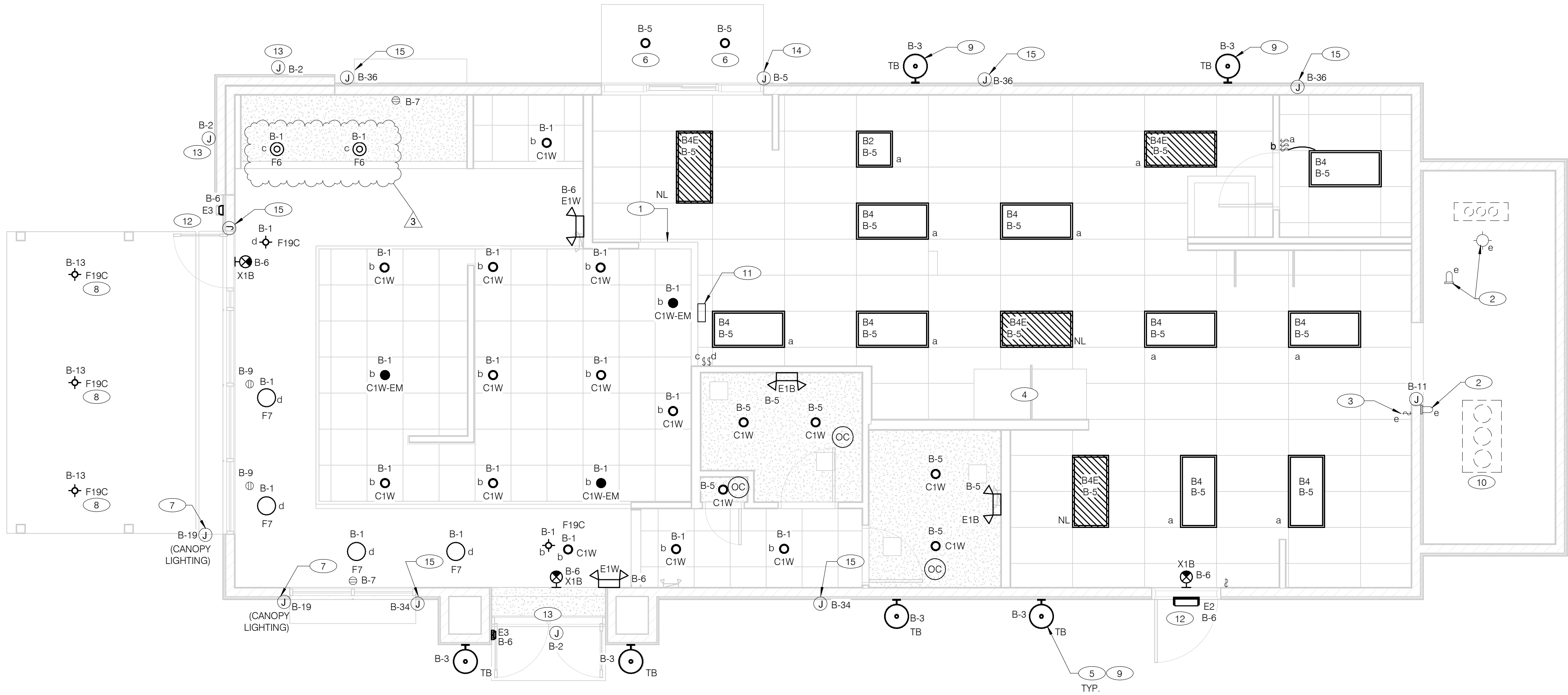
**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
ELECTRICAL  
POWER ROOF  
PLAN**

**E3.2**



- GENERAL NOTES:
- A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
  - B. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST.
  - C. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
  - D. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a).
  - E. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB. SEE E6.0 AND E6.1.
  - F. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
  - G. ALL FIXTURES SUPPLIED WITH LAMPS.
  - H. ALL EXTERIOR NON-EMERGENCY LIGHT FIXTURES, BUILDING SIGNS, AND EXTERIOR SIGNS SHALL BE CONTROLLED THROUGH PHOTOCELL AND LIGHTING CONTROL RELAYS. SEE E6.0 AND E6.1 FOR ADDITIONAL DETAILS.

**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-12L-SIL-FT-40-70CRI-HL	LED POLE LIGHT	22' LIGHT POLE	LED		120 V/1-187 VA	-
B	LSI INDUSTRIES	MRM-LED-24L-SIL-FT-40-70CRI	LED POLE LIGHT		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
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-DOBTD-UVOLT-LTP-SDR-T-WT-CW	SELF-POWERED EMERGENCY WALLPACK W/ PHOTOCELL	8'-6"	LED	EM	120 V/1-20 VA	-
F6	KICHLER	4385202	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	HLITES	H24212-96-CB15-20W/BL-80P	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	SPC0304INC-MWL(25W)/PAR20-CM-180°-MB	LED PENDANT - 3"		1/LED LR20/40/27K/975/BK		120 V/1-9 VA	-
TB	ACCUSERV	05247-051/052	WALL SCONCE, CUSTOM DARK BRONZE FINISH	SEE EXTERIOR ELEVATIONS	18W PAR38 LED		120 V/1-36 VA-0 V/1-0 VA	-
X1B	LIGHTALARMS	GRANNRB	LED UNIVERSAL MNTG THERMOPLASTIC EXIT, RED LETTERS, BLACK HSNG	UNIVERSAL	-LED	EM	120 V/1-3 VA	-

- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 2 FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- 3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEET E6.1.
- 5 COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 PROVIDE POWER TO DRIVE THRU CANOPY LIGHTING FIXTURES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CANOPY VENDOR AND CONSTRUCTION SUPERVISOR PRIOR TO CONNECTIONS.
- 7 PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURER.
- 8 PROVIDE POWER FOR FREE STANDING CANOPY LIGHTING. E.C. SHALL RUN FEEDERS THROUGH COLUMNS TO LIGHTING FIXTURES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LIGHTING VENDOR AND CONSTRUCTION SUPERVISOR PRIOR TO ROUGH-IN.
- 9 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AND A4.1 FOR DIMENSIONED LOCATION OF FIXTURE.
- 10 SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
- 11 ALERT LIGHT : ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF GEN III POWER SOAK IS USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
- 12 MOUNT 'E3' AT 8'-6" A.F.G. TO CENTER OF FIXTURE.
- 13 VERIFY MOUNTING HEIGHT FOR SIGN POWER WITH ARCHITECTURAL ELEVATIONS AND SIGN VENDOR.
- 14 PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURER.
- 15 PROVIDE POWER CONNECTION TO PURPLE WALLWASH LIGHTS FURNISHED BY SIGN VENDOR. PROVIDE ALL REQUIRED FIELD WIRING. CONTROL FIXTURES WITH EXTERIOR LIGHTING FIXTURES. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS. COORDINATE REQUIREMENTS WITH VENDOR.

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

**B**

	DATE	REMARKS
1	11.23.21	Issued for Permit
3	02.24.22	NTP Comments
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: AJR  
JOB NO.: 2020088.24

**TACO BELL**

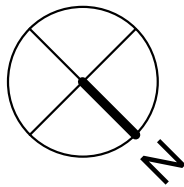
403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
LIGHTING PLAN  
AND DETAILS**

**E4.0**

PLOT DATE: 3/31/2022 11:33:12 AM



CONTRACT DATE:	10.05.21
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BRAND DESIGNER:	DICKSON
SITE NUMBER:	293296
STORE NUMBER:	455386
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DRAWN BY.:	AJR
JOB NO.:	2020088.24

$$1/4^{\circ} = 1'-0''$$

**A**

COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H	01	UNDER COUNTER HOLD-UP BUTTON		SEE DETAIL 6/E3.1.
H	02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	SURFACE MTD. 2X4 J-BOX ON INSIDE OF WALK-IN FREEZER HINGE WALL W/ (1) 1/2" CONDUIT TO ABOVE KITCHEN CEILING. BUTTON FACING DOWN. SEE DETAIL 3/E3.1
HM	02	D/T TIMER SIGNAL PROCESSOR J-BOX	+126" A.F.F	4X4X4" DEEP (MIN.) J-BOX ABV. CLG. W/ (1) 1" CONDUIT TO HM-07B, (1) 1" CONDUIT TO HM-04, (1) 1-1/2" CONDUIT TO HM-08 & (1) 1" CONDUIT TO HM-12. SEE DET. 5/E3.1.
HM	03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DETAIL 7/E3.1.
HM	07A	D/T TIMER DISPLAY J-BOX	+62" A.F.F.	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1" C TO HM-04. SEE DETAIL 7/E3.1.
HM	07B	D/T TIMER DISPLAY J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DETAIL 7/E3.1
HM	08	D/T J-BOX	+96" A.F.F.	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DETAIL 7/E3.1.
HM	11	D/T CONTROL UNIT J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DETAIL 7/E3.1.
HM	12	D/T/ ETHERNET SWITCH J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-11, (1) 1" CONDUIT TO HM-02 & (1) 1" CONDUIT TO OFFICE ROUTER.
M	01	SPEAKER, CEILING MOUNTED	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
P	02		CEILING	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE MONITOR J-BOX.
P	03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CEILING
P	04	PUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.
P	07	BOS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+224" A.F.F.	66X64" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
S	03	J-BOX SECURITY SYSTEM	+30" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE.
S	04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S	05		+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.
S	06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM.
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE

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 SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR
T	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
HM	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES
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)








403 E. Main St.  
Cartersville, GA 30121



# E5.0

PLOT DATE: 3/31/2022 11:33:18 AM

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	DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
	"SOUND ALERT" DEVICE
	KEYPAD (MTD AT 48" A.F.F.)
	ALARM SIREN ABOVE CLG
	BUMP PAD (MOUNT AT FRONT COUNTER)
	HOOD FIRE SUPPRESSION SYSTEM PULL STATION
	USB OUTLET

## NTS

C

C

## NTS

B

FOR  
REFERENCE  
ONLY

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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: AJR  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
ELECTRICAL  
DETAILS -  
TBCCB

E6.0

TBCCB-3-WOS SEQUENCE OF OPERATION

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

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

Sequence of Operation

(Building) Occupied Mode

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

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

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

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

(Building) Unoccupied Mode

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

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

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

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

(Sales) OPEN mode

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

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

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

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

(Sales) CLOSED mode

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

- The Exterior Building Lights
- The Exterior Signs,

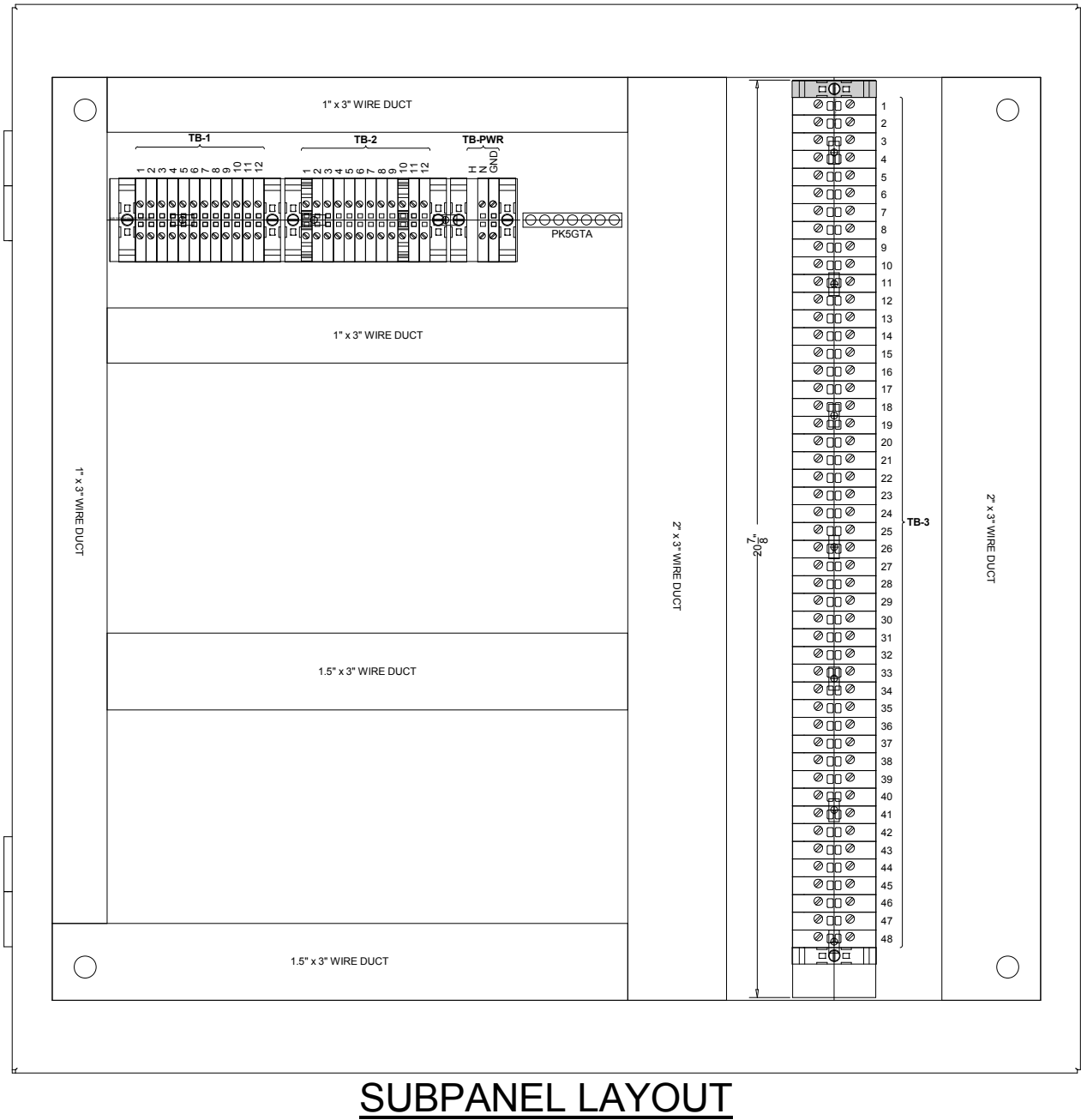
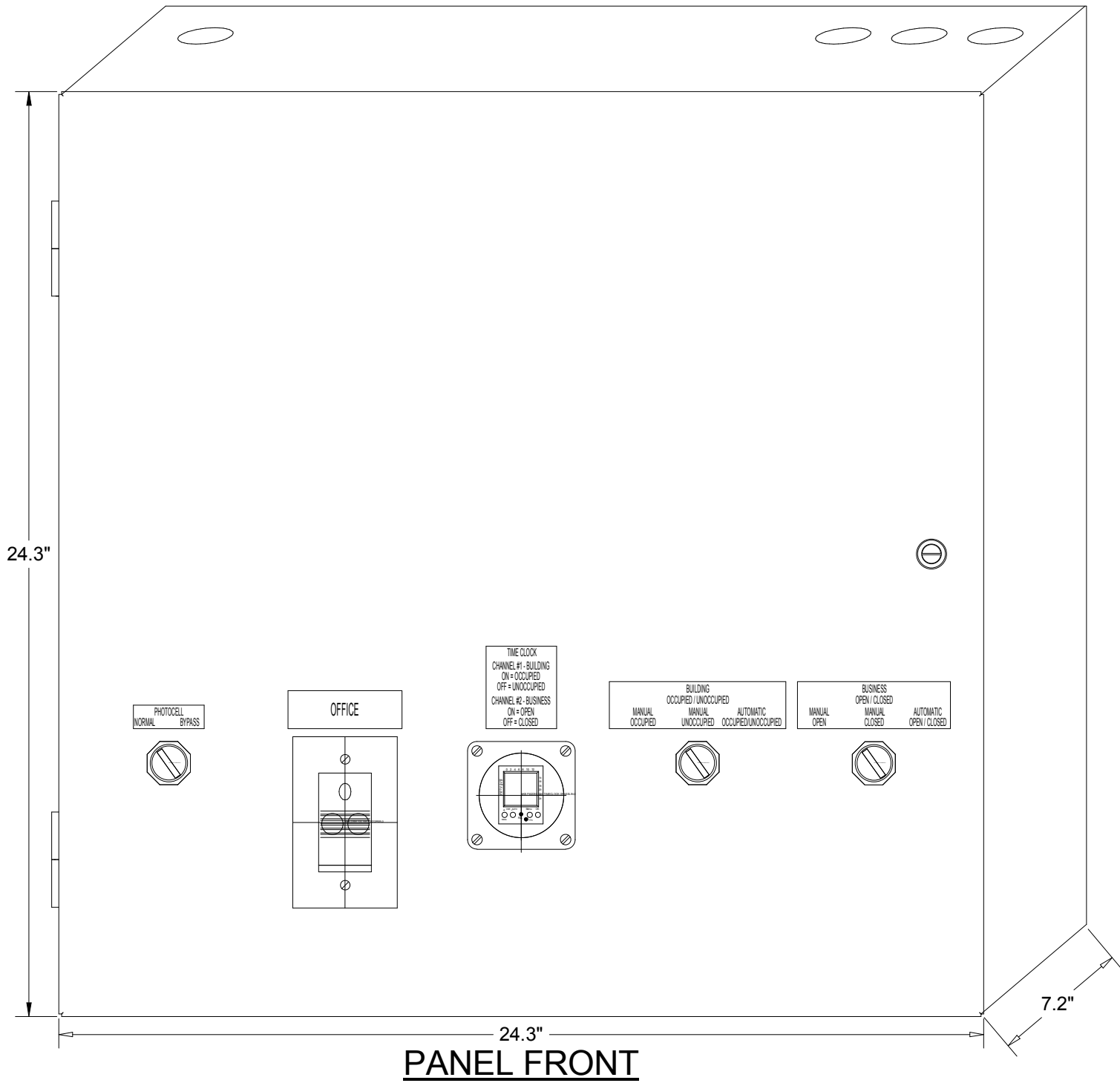
Manual CLOSED Mode

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

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

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

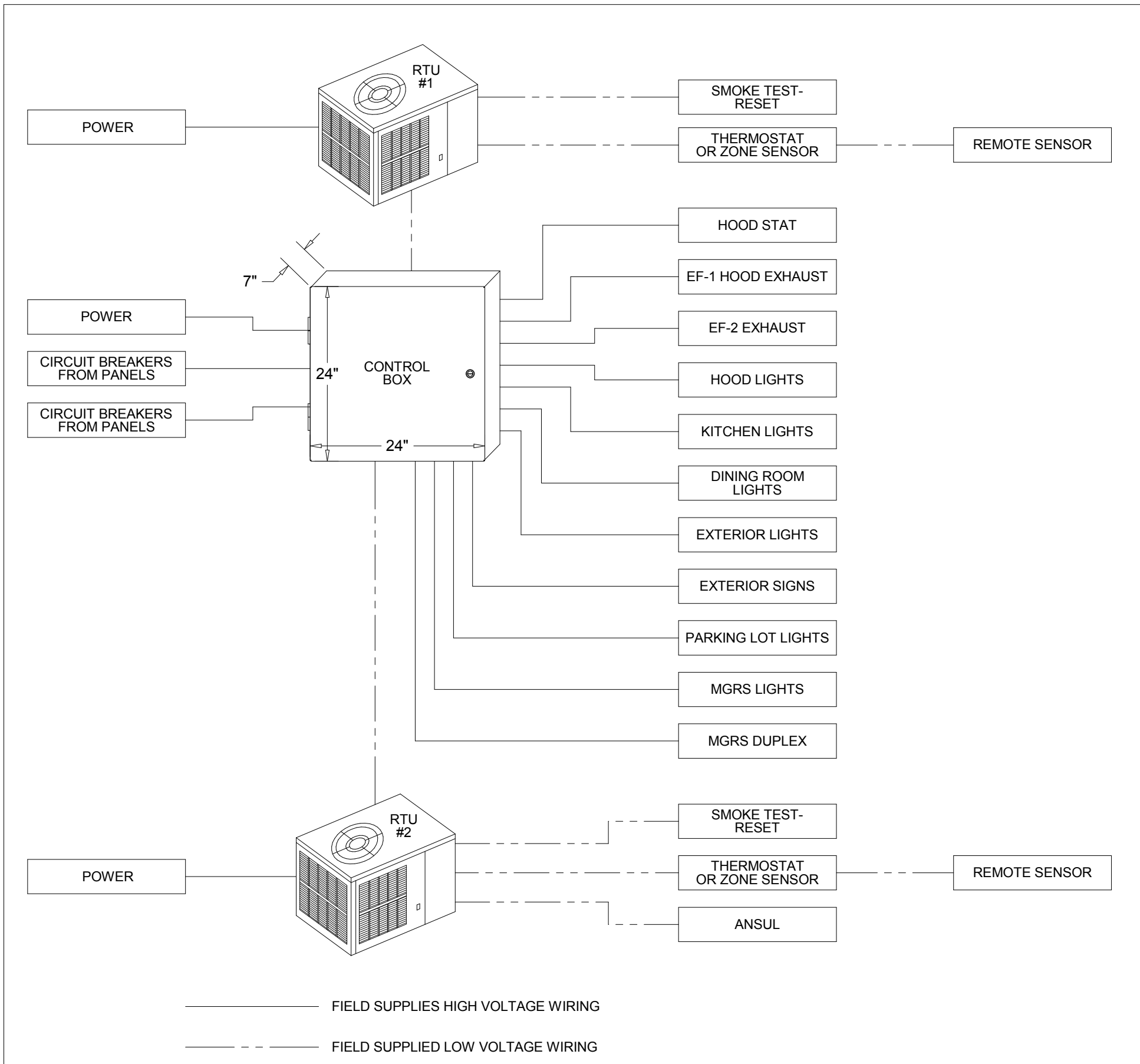
- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon an activation of the fire suppressant into the hood. The system shall be wired directly between the fire suppression system and RTU 2 or TBANS control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



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](mailto:INFO@ACE-EMS.COM)

TACO BELL COMPONENT RELATIONSHIP



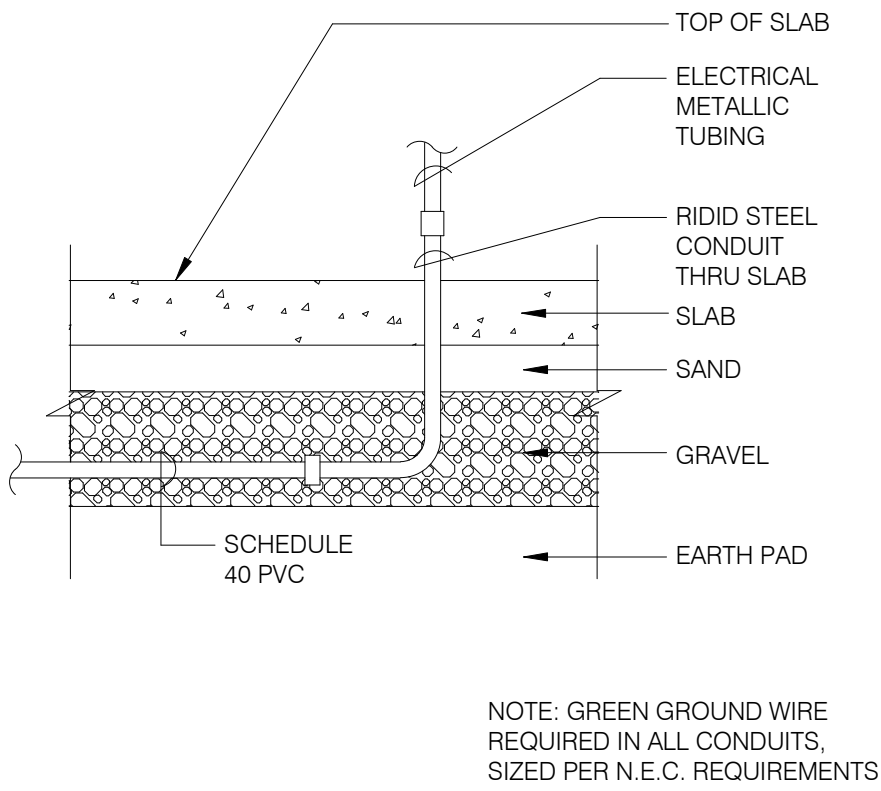
THIS PANEL ENCLOSURE IS RATED TYPE 1.  
TO PRESERVE RATING USE TYPE 1  
CONDUIT ENTRY HUBS



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

TBCCB-3-WOS

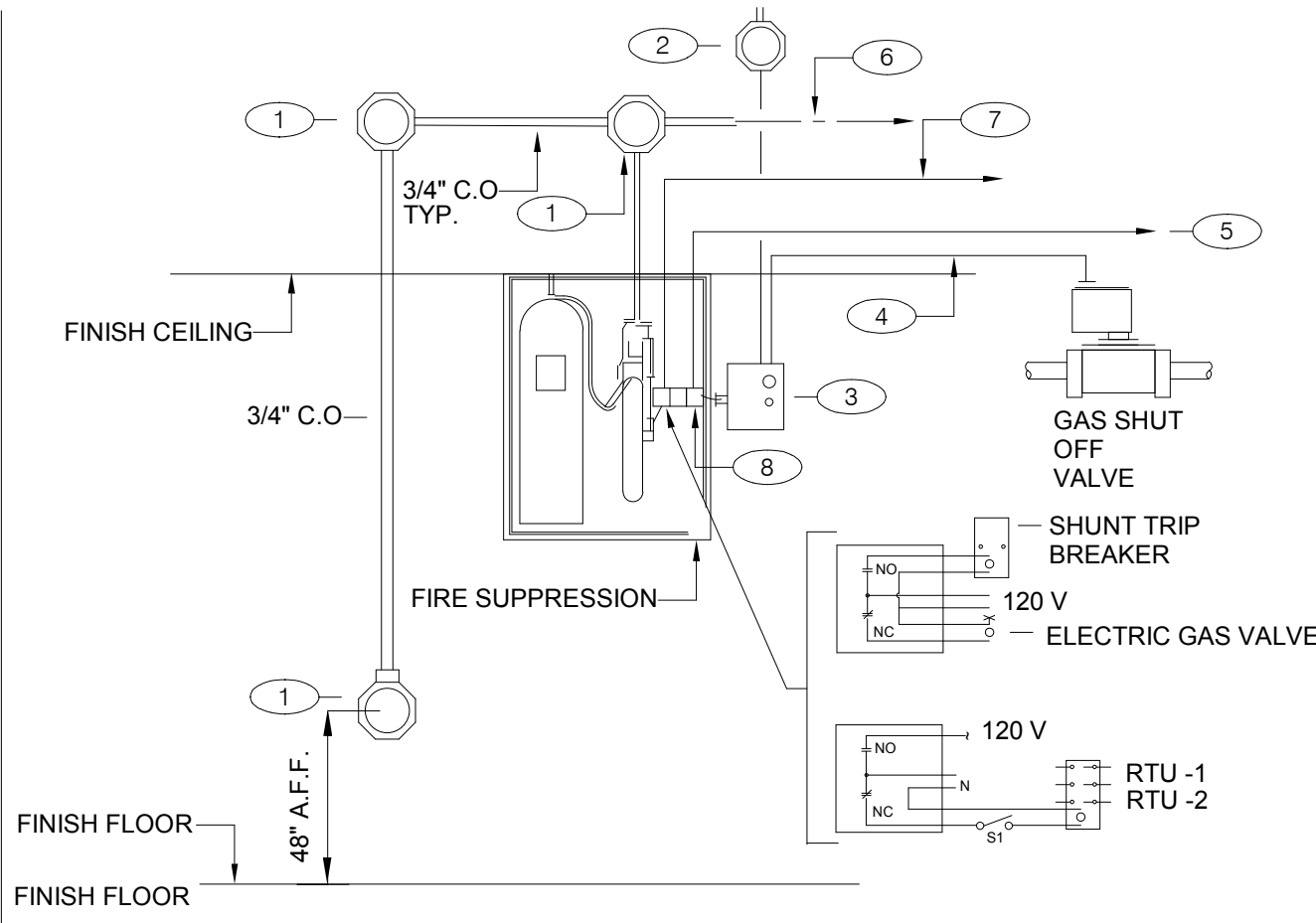




**UNDER SLAB CONDUIT**

N.T.S.

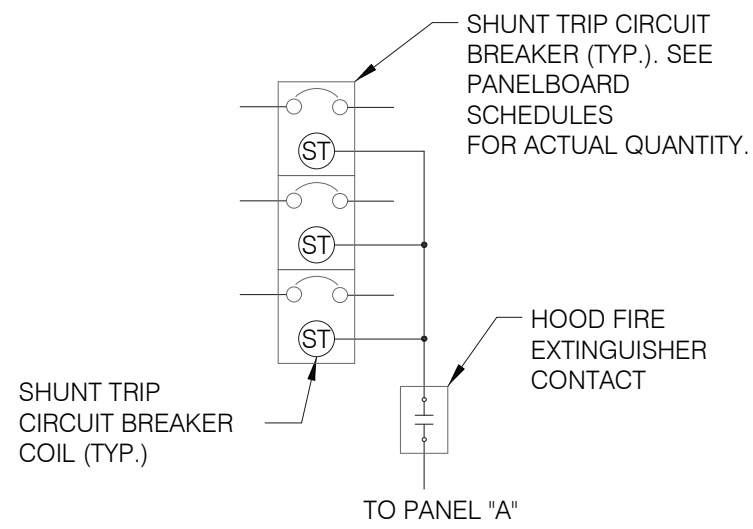
**7**



**FIRE SUPPRESSION SYSTEM WIRING DIAGRAM**

N.T.S.

**4**

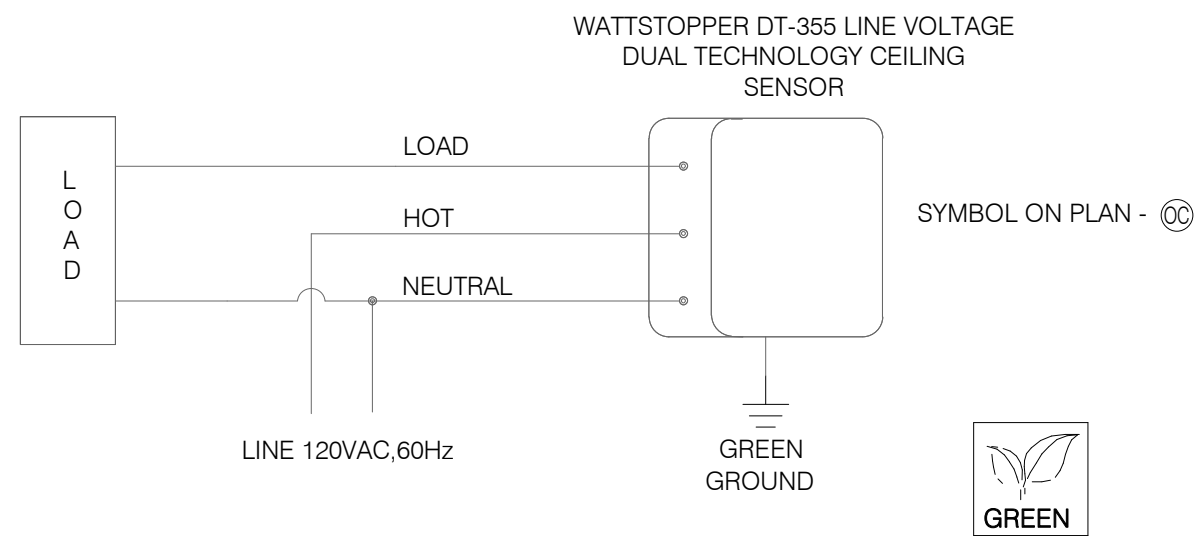


SEQUENCE OF OPERATION:  
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED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

**SHUNT TRIP DETAIL**

N.T.S.

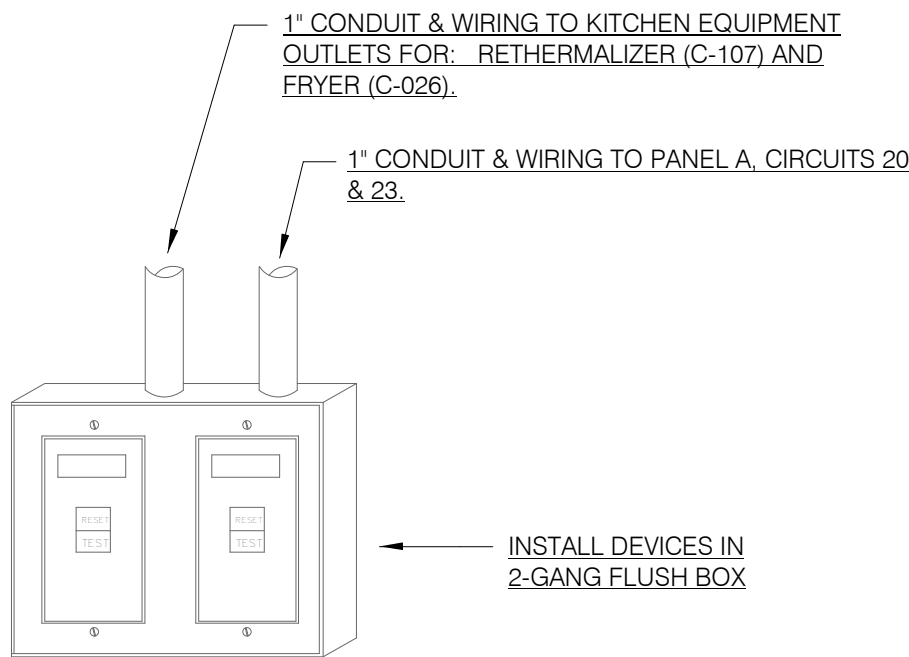
**1**



**CEILING OCCUPANCY SENSOR WIRING DIAGRAM**

N.T.S.

**2**

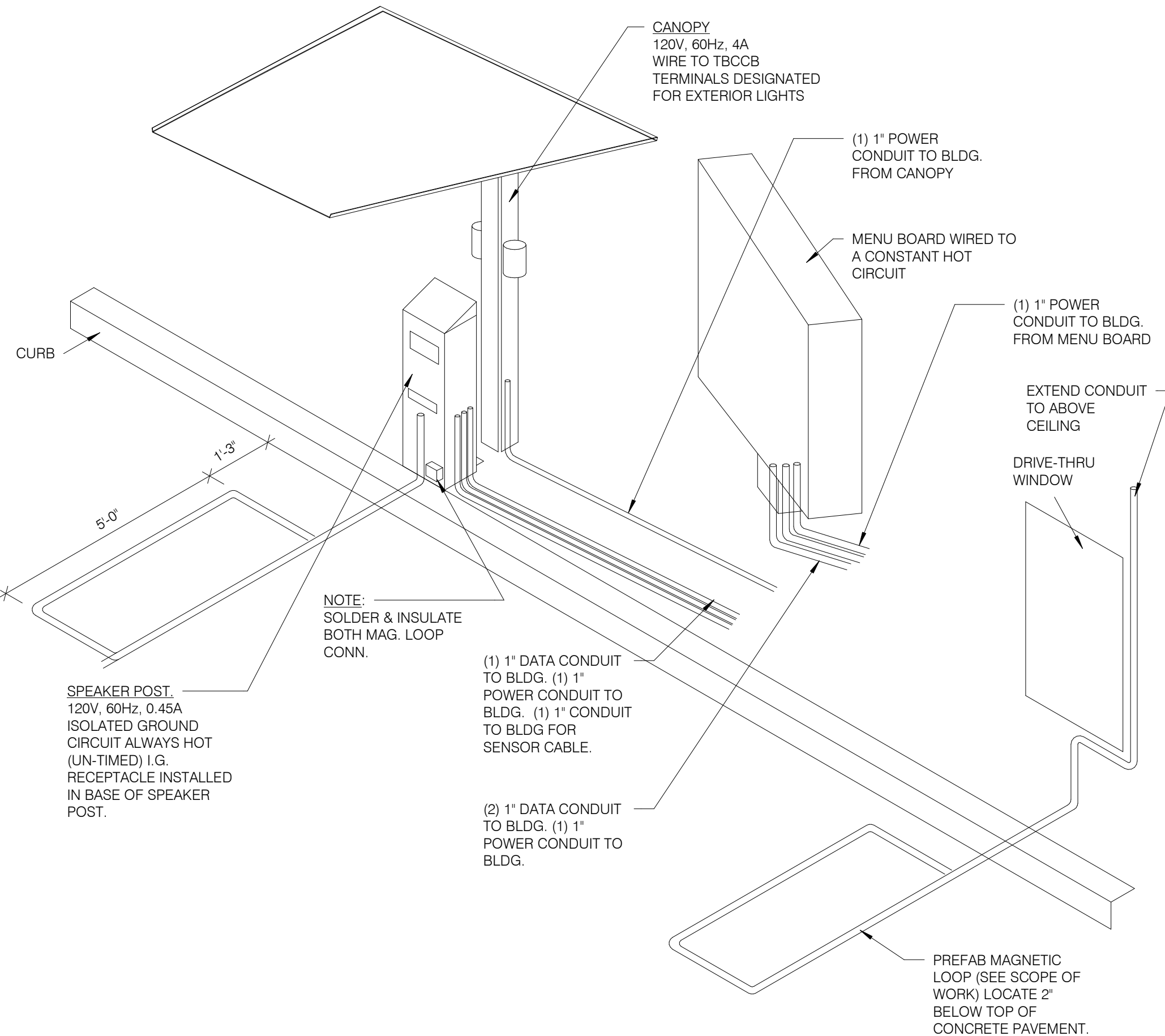


NOTES:  
1. DEAD FRONT GFCI DEVICES ARE REQUIRED FOR KITCHEN EQUIPMENT REQUIRING BOTH A SHUNT TRIP BREAKER AND GFCI PROTECTION.  
2. REFER TO SHEET E3.0 FOR LOCATION OF DEAD FRONT GFCI DEVICES.  
3. PROVIDE LABEL ON DEVICES WITH CIRCUIT NUMBER AND LOAD DESIGNATION.

**DEAD FRONT GFCI DEVICE DETAIL**

N.T.S.

**5**



**DRIVE-THRU COMMUNICATIONS ISOMETRIC**

N.T.S.

**3**

**NOT USED**

N.T.S.

**9**

**NOT USED**

N.T.S.

**6**

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JOB NO.:	2020088.24

**TACO BELL**

403 E. Main St.  
Cartersville, GA 30121



**ENDEAVOR 2.0  
ELECTRICAL  
DETAILS**

**E7.0**

PLOT DATE: 3/31/2022 11:33:21 AM

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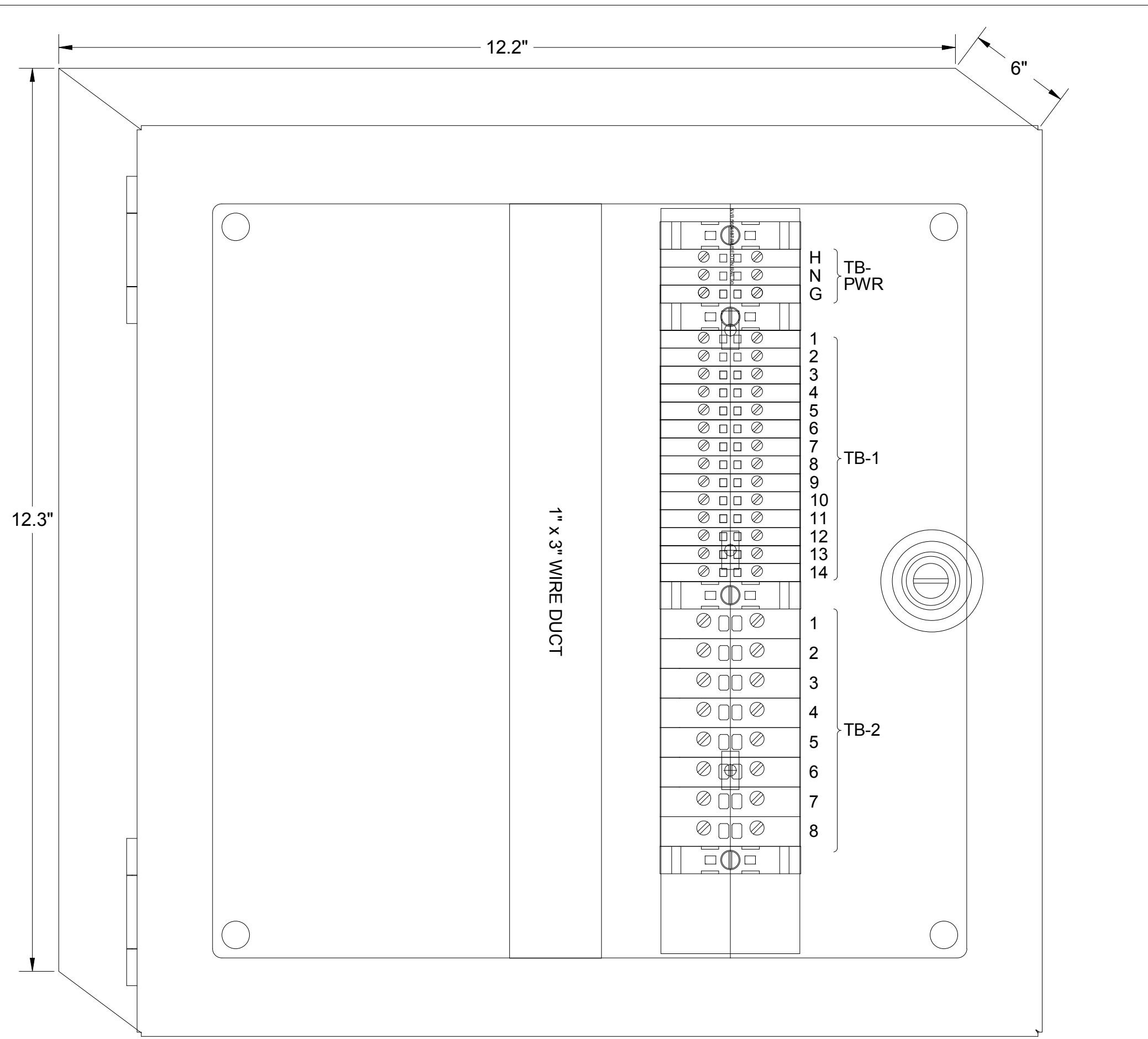
TACO BELL

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ENDEAVOR 2.0  
ELECTRICAL  
DETAILS

E7.1



1

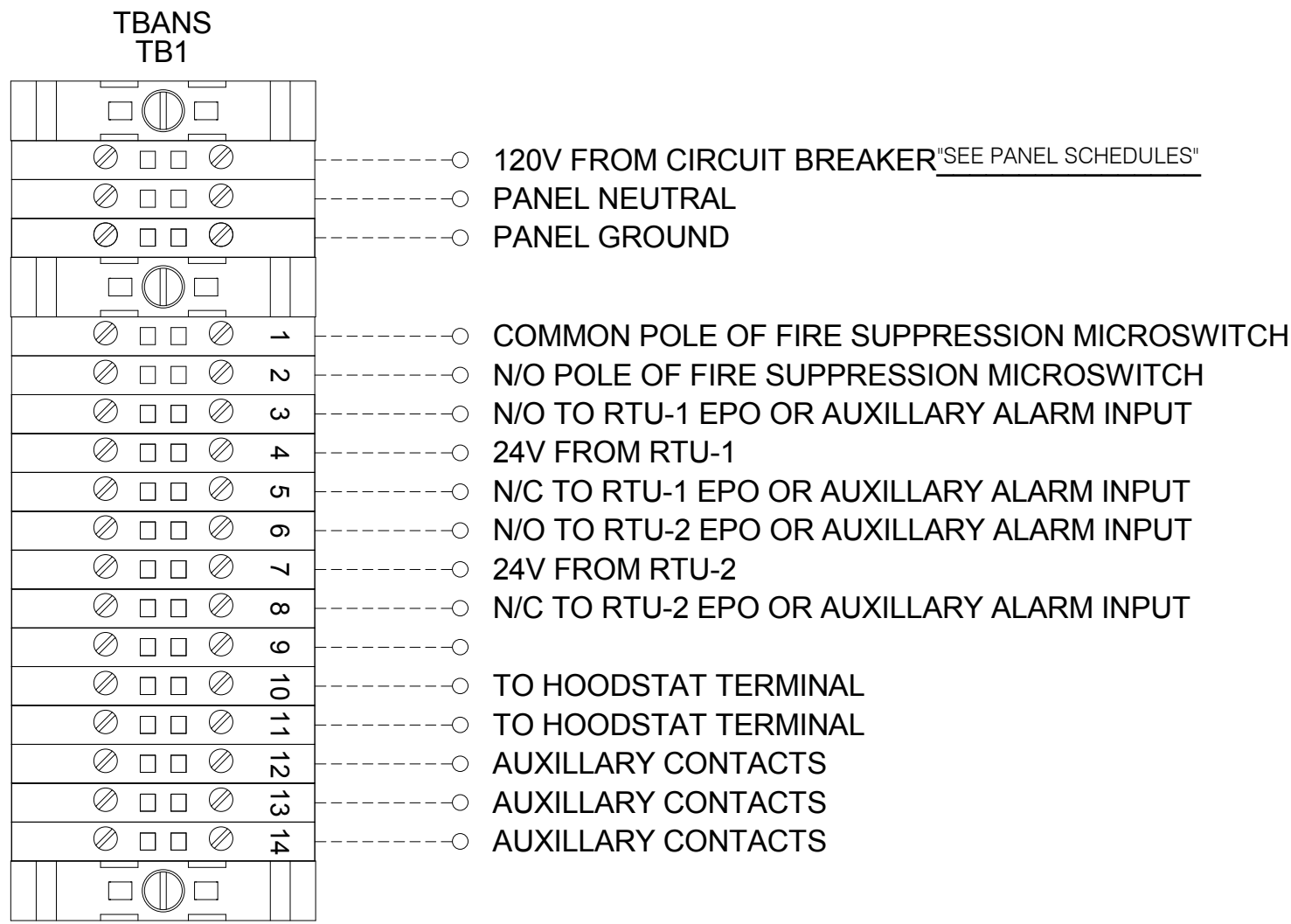
TBANS PANEL DIMENSIONS

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  
**TBANS** INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.  
PRIMARY CONTACT: CHUCK MCCABE  
PHONE: 949 770 2222  
EMAIL: [INFO@ACE-EMS.COM](mailto:INFO@ACE-EMS.COM)

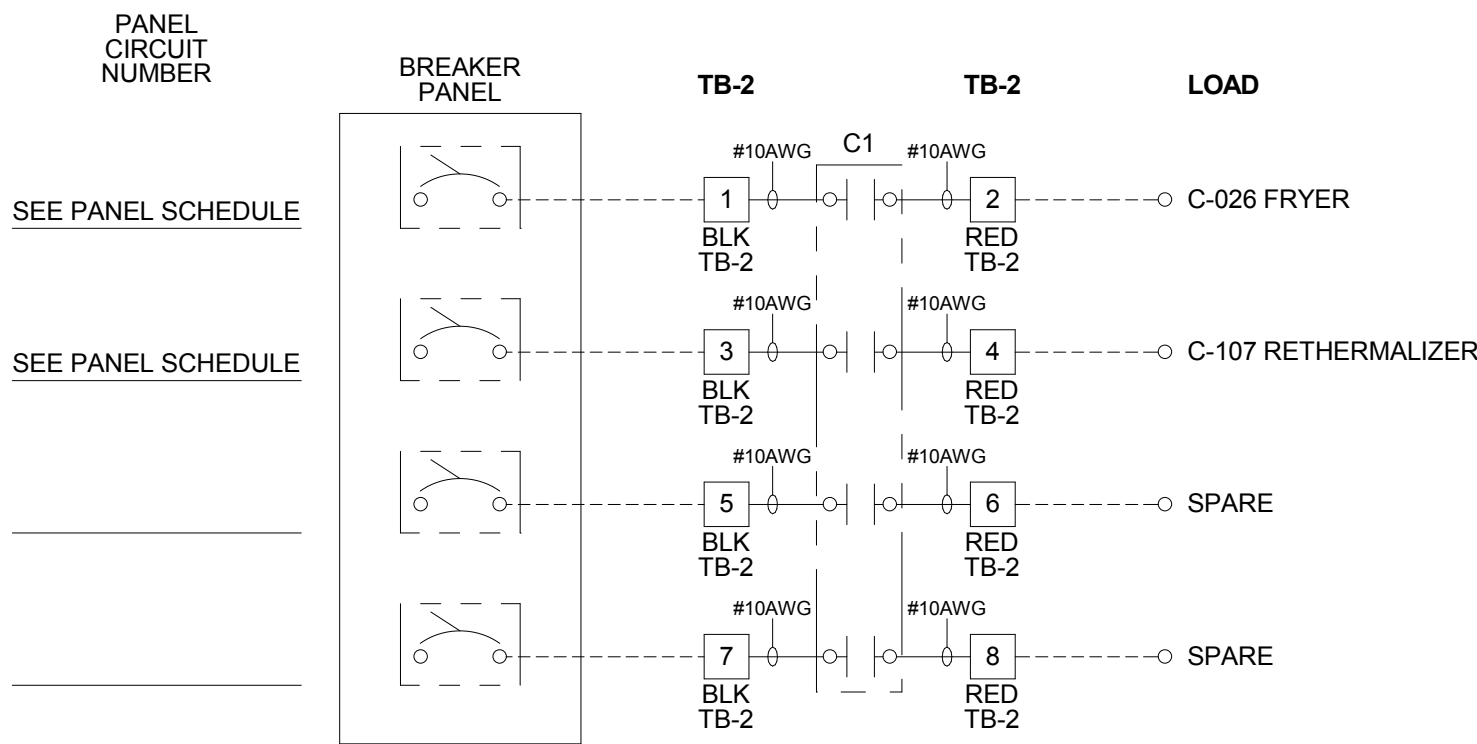
TACO BELL REQUIRES VISUAL  
CERTIFICATION OF THIS INSTALLATION  
SEE SHEET M5.0  
CONTACT [CERTIFY@ACE-BCX.COM](mailto:CERTIFY@ACE-BCX.COM) OR  
(949)-770-2222



2

TBANS FIELD CONNECTIONS - VARIOUS

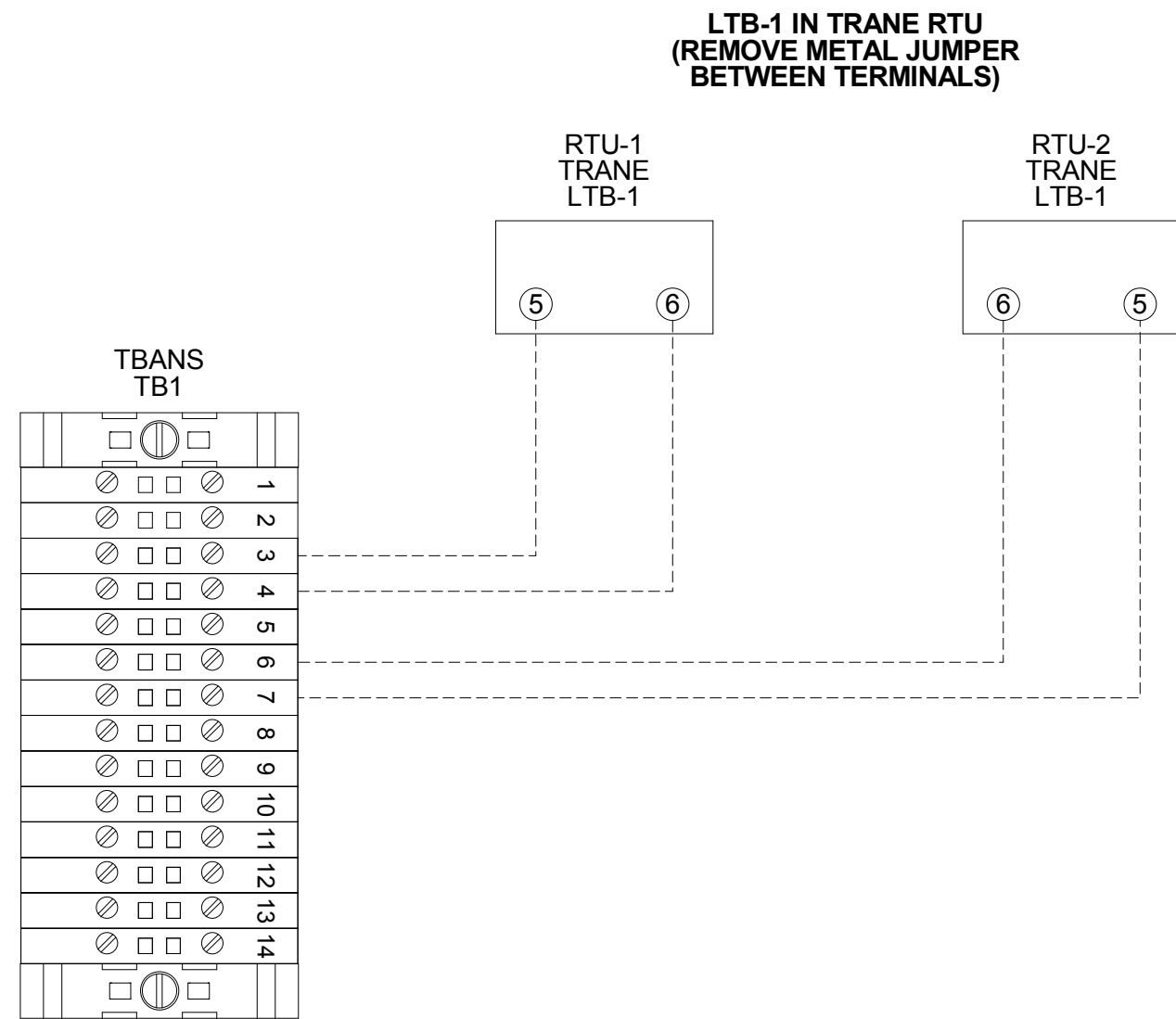
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3

TBANS FIELD CONNECTIONS - APPLIANCES

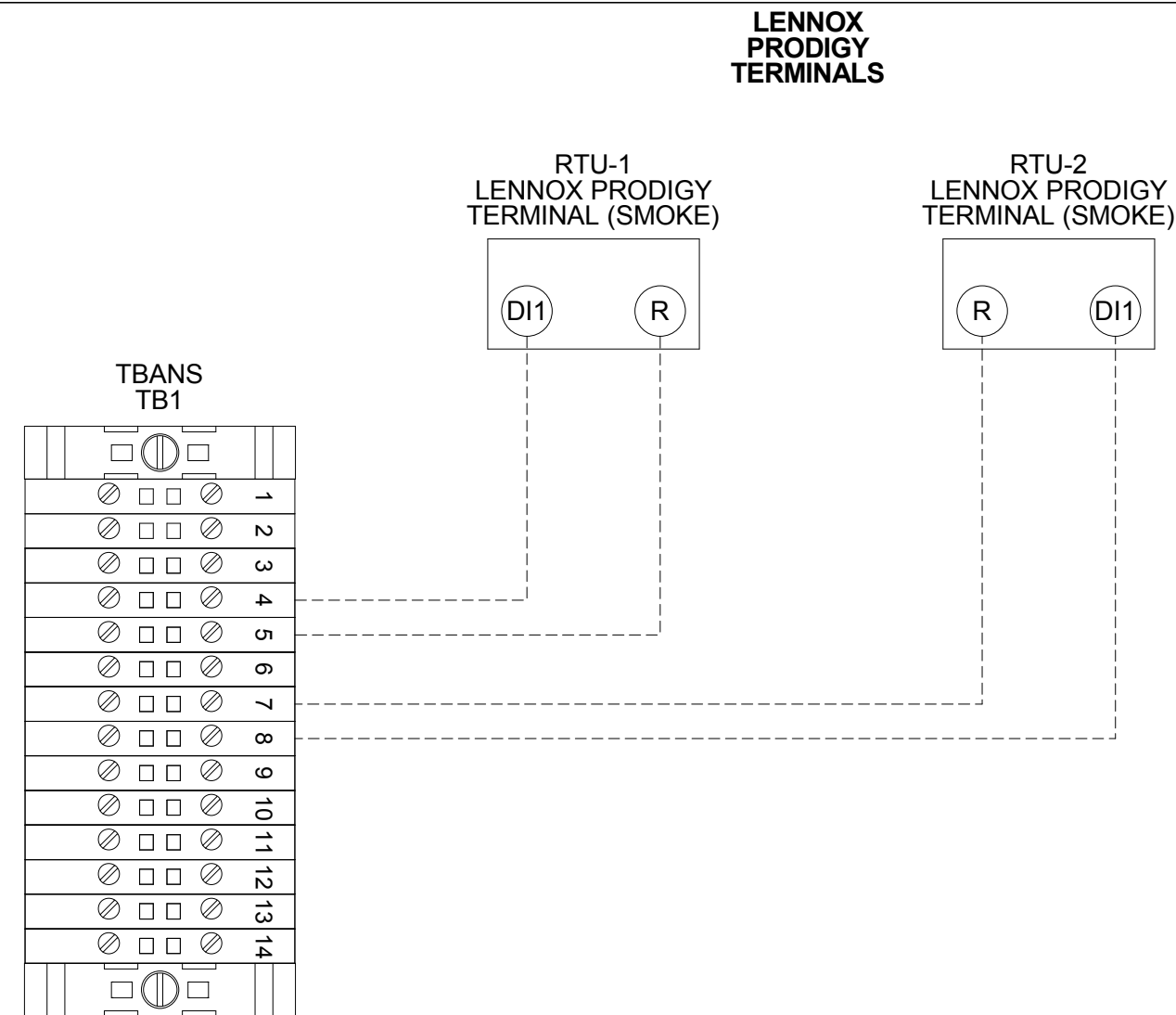
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6

TBANS TO TRANE RTU SHUTDOWN

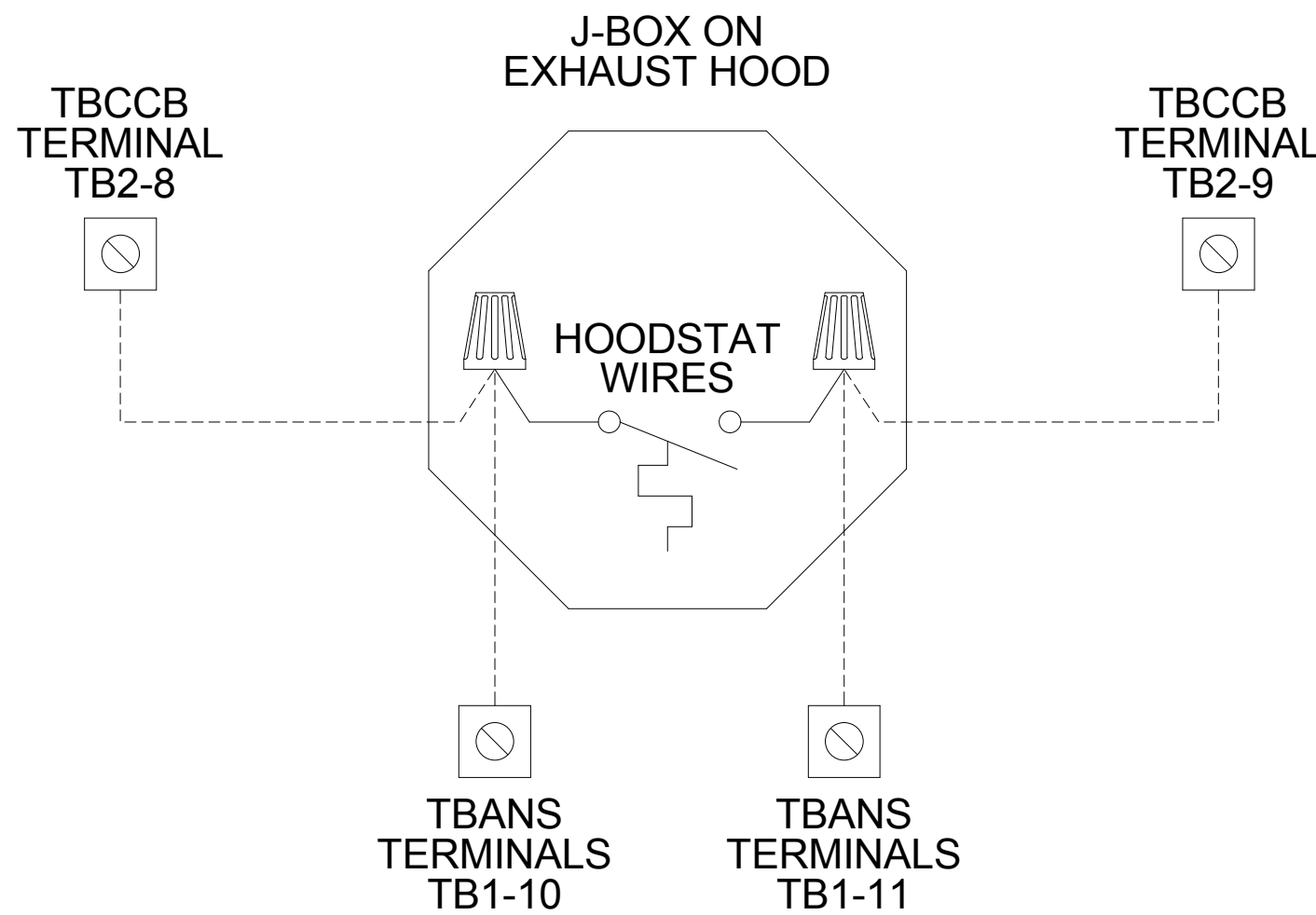
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5

TBANS TO LENNOX PRODIGY SHUTDOWN

NTS



4

TBANS TO HOODSTAT TO TBCCB

NTS



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

	DATE	REMARKS
	11.23.21	Issued for Permit
4	03.17.22	Issued for RSCS Bid
5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
SCOPE OF  
WORK

SW1.0

PLOT DATE: 3/31/2022 11:08:15 AM



Installation, Start Up and Pre-Commissioning Checklist									
<div><div></div> = Responsible Party Initial When Completed</div>									
Standard RTU	Multi-Speed RTU	Reference #		GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	
		1	<b>PROCESS</b>						
		2	<b>Package Units</b>						
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						
		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						
		25							
		26							
		27							
		28	<b>Ductwork</b>						
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 axes 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						
		34							
		35							
		36	<b>Economizer</b>						
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						
		45							
		46	<b>Smoke Detectors</b>						
X	X	47	Smoke detector option has been included in package unit						
		48							
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						
		53							
		54	<b>Remote Smoke Detector Enunciators and Resets</b>						
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						
		65							
		66	<b>Power Exhauster</b>						
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						

Installation, Start Up and Pre-Commissioning Checklist									
<div><div></div> = Responsible Party Initial When Completed</div>									
Standard RTU	Multi-Speed RTU	Reference #		GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	
		69							
		70	<b>Fire Supression System Shutdown</b>						
X	X	71	TBANS-1 has been installed per plan location						
X	X	72	TBANS-1 has dedicated power to terminals TB-PWR						
X	X	73	TBANS terminals TB1-1 and TB1-2 are wired to "Closed when Cocked" terminals of fire suppression system microswitch per detail						
X	X	74	RTU 1 and RTU 2 low voltage control power is wired through terminals in TBANS-1						
X	X	75	If present, electronic gas valve is wired through TBANS						
X	X	76	If required, TBANS to hoodstat has been wired for EF-1 on during supressant discharge event						
X	X	77	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed						
		78							
		79							
		80	<b>Thermostat</b>						
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 controled from their thermostat.						
X	X	83	Package units equipped with two stage heating have each heating stage individually wired and controled 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						
		87							
		88	<b>Hoodstat</b>						
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						
		92							
		93							
		94	<b>TBCCB &amp; Interlock</b>						
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 Timedclock in TBCCB Control Box						
X	X	102	"Open" and "Closed" times for Taco Bell sales have been programmed into Channel/Switch 2 of the Timedclock in TBCCB Control Box						
X	X	103	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed						
		104							
		105	<b>Visual Verification</b>						
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)						
		112							
		113							
		114	<b>Lighting</b>						
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 timedclock is programmed to Taco Bell parameters						
X	X	122	Manual override of TBCCB control box timedclock activates lighting circuits						
		123							
		124	<b>Commissioning</b>						
X	X	125	All Visual Verification installation certificates have been received						
		126							
		127	<b>Air Balance Supplement</b>						
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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5	04.01.22	Issued for Bid

CONTRACT DATE: 10.05.21  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 293296  
STORE NUMBER: 455386  
PA/PM: SM  
DRAWN BY.:  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
INSTALLATION  
START-UP  
PRE-COMM  
CHECK LIST

SW2.0

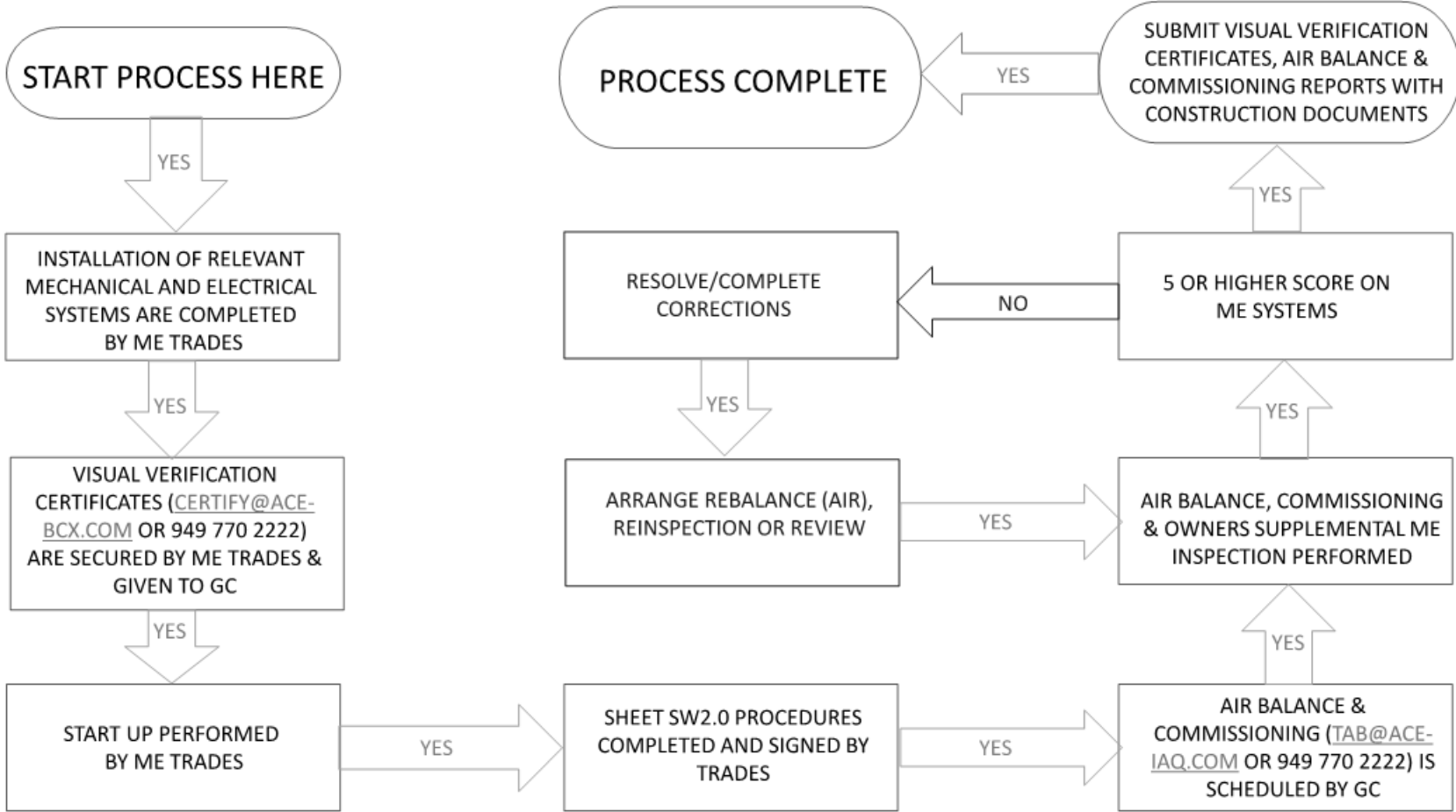
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**GPD GROUP**  
Professional Corporation  
520 S. MAIN STREET, SUIT 2531  
AKRON, OH 44311  
330.572.2100 FAX: 330.572.2102

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



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SITE NUMBER: 293296  
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PA/PM: SM  
DRAWN BY.:  
JOB NO.: 2020088.24

TACO BELL

403 E. Main St.  
Cartersville, GA 30121



ENDEAVOR 2.0  
BALANCING  
AND  
COMISSIONING  
SEQUENCE

SW2.1