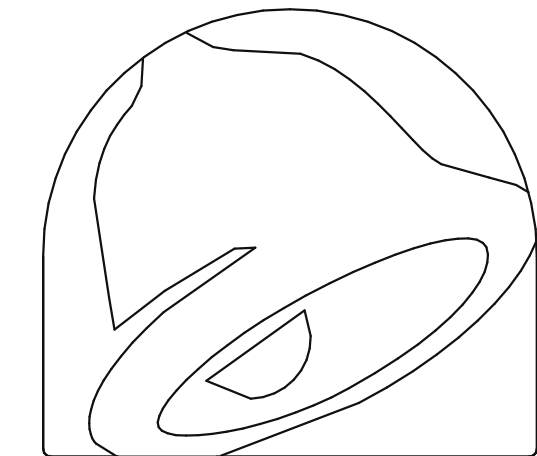


TACO BELL

NWC Hammock Ridge & Hwy 27 Clermont, FL 34711



TACO
BELL™

FOR TACO BELL USE/APPROVAL ONLY	
BUILDING S.F.:	2,090 S.F.
SITE SIZE:	33,467 S.F.
PARKING COUNT:	36
INT. SEATING:	20
EXT. SEATING:	16
KIOSK COUNT:	4
D.M.B.:	YES
DT DMP:	YES
DT DPB:	YES

- A. ALL WORK SHALL CONFORM TO THE 2020 EDITION OF THE FLORIDA BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF CLERMONT AND COUNTY OF LAKE.
- 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 EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED DECEMBER 14, 2021 PREPARED BY ACCURIGHT SURVEYS OF ORLANDO, INC. AND IS INCLUDED IN THESE DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED DECEMBER 17, 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, ENCROACHMENT PERMIT, ETC. YUM BRANDS WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- J. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- N. ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCE WITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.

OFFICE	ROOM NAME		
	SHEET NUMBER		ELEV. LETTER
	ELEVATION NUMBER		ELEV. SHEET
	CEILING HEIGHT		DOOR NUMBER
	BLDG. SECTION LETTER		WINDOW NUMBER / DECOR ITEM NUMBER
	BLDG. SECTION SHEET		KEY NOTE NUMBER
	DETAIL NUMBER		EQUIPMENT NUMBER
	DIRECTION OF DETAIL		WALL NUMBER
	DETAIL SHEET		INTERIOR ELEVATION DESIGNATION
	REVISION NUMBER		SHEAR WALL TYPE (STRUCTURAL)
	BLDG. HEIGHT REFERENCE POINT		EQUIPMENT / FIXTURE NUMBER (M.E.P.)
	0'-0\"/>		
	ELEV.		

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

GENERAL DRAWING SYMBOLS



VICINITY MAP

LEGAL JURISDICTION:	CITY OF CLERMONT
BUILDING CODE:	2020 FLORIDA BUILDING CODE
ACCESSIBILITY:	2020 FLORIDA BUILDING CODE
MECHANICAL:	2020 FLORIDA BUILDING CODE
PLUMBING:	2020 FLORIDA BUILDING CODE
ELECTRICAL:	2017 NATIONAL ELECTRIC CODE NFPA 70
FIRE:	2020 FLORIDA FIRE PREVENTION CODE, 7TH EDITION
ENERGY:	2020 FLORIDA BUILDING CODE

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
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PROJECT SUMMARY

# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT
GAS:	750,000 BTUH

WIND SPEED:	140 M.P.H. (ULTIMATE)/ EXPOSURE B
EARTHQUAKE ZONE:	A
ROOF LIVE LOAD:	20 P.S.F.

DESIGN CRITERIA

CURRENT ZONING:	PD - SHOPS AT HAMMOCK RIDGE CROSSINGS
REFER TO CIVIL DRAWINGS:	

LEGAL DESCRIPTION

CONTRACTOR TO PROVIDE DEFERRED SUBMITTALS FOR THE FOLLOWING ITEMS:
OPEN-WEBBED STEEL JOISTS, CANOPIES AND OVERHANGS, PRE-FABRICATED TOWERS & PANELS, KITCHEN HOOD FIRE SUPPRESSION SYSTEM AND DESIGN.

DEFERRED SUBMITTALS

CATEGORY	SUBCATEGORY	MANUFACTURER	APPROVAL NO.	COMMENTS
DOORS	SERVICE DOOR	CURRIES	16353-R1	
VENTS	WALL LOUVERS	RUSKIN	10234-R3	
DOORS	STOREFRONT	OLD CASTLE (MS-375)	17692-1	
CLADDING	STOREFRONT	OLD CASTLE (FG-3000)	17688-R1	
ROOFING	SINGLE-PLY ROOF SYSTEM	DURO-LAST	16039-R7	
CLADDING	FIBER CEMENT PANEL SYSTEM	JAMES HARDIE	10477-2-R7	
WINDOWS	DRIVE-THRU WINDOW	QUIKSERV 4035	23327-R0	

APPROVED PRODUCTS LIST

OWNER YUMI BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	ARCHITECT MARK S. SALOPEK, LLC 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JOSH GRABER PHONE: 330.572.2100
CONSTRUCTION MANAGER YUMI BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	STRUCTURAL ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JOSH GRABER PHONE: 330.572.2100
CIVIL ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JOSH GRABER PHONE: 330.572.2100	M/E/P ENGINEER GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JOSH GRABER PHONE: 330.572.2100
GEOTECHNICAL ENGINEER PROFESSIONAL SERVICE INDUSTRIES, INC. 1748 33rd Street ORLANDO, FL 32839 CONTACT: VENKATA PRASHANTH MUPPANA CONTACT: 407.304.5560	

PROJECT DIRECTORY

WATER SUNSHINE WATER SERVICES 200 WEATHERFIELD AVE ALTAMONTE SPRINGS, FL 32714 CONTACT: BRYAN GONGRE PHONE: 321.972.0360	TELEPHONE SPECTRUM (CHARTER) 3767 ALL AMERICAN BLVD. ORLANDO, FL 32810 CONTACT: JOHN WOLSKI EMAIL: JOHN.WOLSKI@CHARTER.COM
GAS LAKE APOPKA NATURAL GAS DISTRICT CONTACT: EVERETT HOLMES PHONE: 407.655.2734 X 104	SEWER CITY OF CLERMONT PUBLIC SERVICES 685 W. MONTROSE ST. CLERMONT, FL 34711 CONTACT: MARK GRIFFIN PHONE: 352.241.0178
ELECTRIC DUKE ENERGY CONTACT: RANDY BASHORE PHONE: 610.334.1372	

UTILITY CONTACTS

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT		ISSUE			
SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS		03.02.22	05.13.22	05.19.22	
SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS					
TITLE/GEN. CONDITIONS					
T1.0	TITLE SHEET				
G1.0	GREEN CHECKLIST SHEET				
G2.0	TRASH ENCLOSURE DETAILS				
G3.0	PEST PREVENTION GUIDE				
G4.0	SIGNAGE - LIFE SAFETY PLAN				
G4.1	SIGNAGE DETAILS				
TITLE/SITE SHEET COUNT: 6					
STRUCTURAL					
S0.1	STRUCTURAL GENERAL NOTES				
S0.2	STRUCTURAL SPECIAL INSPECTIONS				
S0.3	STRUCTURAL SPECIAL INSPECTIONS (CONT.)				
S1.0	FOUNDATION PLAN				
S2.0	WALL FRAMING PLAN				
S3.0	ROOF FRAMING PLAN				
S4.0	STRUCTURAL DETAILS FOUNDATION				
S4.1	STRUCTURAL DETAILS FRAMING				
S4.2	STRUCTURAL DETAILS FOUNDATION AND FRAMING				
STRUCTURAL SHEET COUNT: 9					
CIVIL					
SEE CIVIL DRAWINGS FOR SHEET INDEX.					
ARCHITECTURAL					
A1.0	FLOOR PLAN				
A1.1	DOOR & WINDOW ELEVATIONS & SCHEDULES				
A2.0	EQUIPMENT AND SEATING PLAN				
A2.1	EQUIPMENT SCHEDULE				
A3.0	ROOF PLAN				
A4.0	EXTERIOR ELEVATIONS				
A4.1	EXTERIOR ELEVATIONS				
A5.0	BUILDING SECTIONS				
A5.1	BUILDING SECTIONS				
A5.2	BUILDING SECTIONS				
A5.3	WALL SECTIONS				
A5.4	WALL SECTIONS				
A5.5	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: 28					
ACCESSIBILITY					
ADA1.0	ACCESSIBILITY REQUIREMENTS				
ADA1.1	ACCESSIBILITY REQUIREMENTS				
ACCESSIBILITY SHEET COUNT: 2					
MECHANICAL					
M1.0	MECHANICAL SCHEDULES AND NOTES				
M2.0	DUCT AND DIFFUSER PLAN				
M2.1	MECHANICAL ROOF PLAN				
M3.0	HOOD DETAILS AND SECTIONS				
M4.0	MECHANICAL DETAILS				
M5.0	CONTROLS DETAILS				
MECHANICAL SHEET COUNT: 6					
PLUMBING					
P1.0	PLUMBING SCHEDULES AND NOTES				
P2.0	WASTE AND VENT PLAN				
P3.0	WATER AND GAS PLAN				
P4.0	PLUMBING ROUGH-IN PLAN				
P5.0	RISER DIAGRAMS				
P6.0	PLUMBING DETAILS				
PLUMBING SHEET COUNT: 6					
ELECTRICAL					
E1.0	SITE ELECTRICAL PLAN				
E2.0	ELECTRICAL ONE LINE DIAGRAMS AND LEGEND				
E2.1	ELECTRICAL SCHEDULES				
E2.2	ELECTRICAL SCHEDULES				
E3.0	ELECTRICAL POWER PLAN				
E3.1	ENLARGED POWER PLAN AND DETAILS				
E3.2	ELECTRICAL POWER ROOF PLAN				
E4.0	LIGHTING PLAN AND DETAILS				
E5.0	COMMUNICATIONS PLAN				
E6.0	ELECTRICAL DETAILS - TBCCB				
E6.1	ELECTRICAL DETAILS - TBCCB				
E7.0	ELECTRICAL DETAILS				
E7.1	ELECTRICAL DETAILS				
E8.0	PHOTOMETRIC PLAN				
ELECTRICAL SHEET COUNT: 14					
SCOPE OF WORK					
SW1.0	SCOPE OF WORK				
SW2.0	INSTALLATION START-UP PRE-COMM CHECK LIST				
SW2.1	BALANCING AND COMMISSIONING SEQUENCE				
SCOPE OF WORK SHEET COUNT: 5					
SPECIFICATIONS					
IN BOOK FORMAT					
SHEET INDEX					

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.11.22	Building Comments
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
TITLE SHEET

T1.0

PLOT DATE: 5/19/2022 11:27:55 AM

PROJECT GENERAL NOTES

C:\Users\Gibson\Documents\TB 316261 Clermont FL_Arch_greenchecklistPDW.rvt

FEASIBILITY

DESIGN

CONSTRUCTION

COMMISSIONING

FORMALDEHYDE LIMITS

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT

CURRENT

LIMIT

•

HARDWOOD PLYWOOD VENEER CORE

0.05

•

HARDWOOD COMPOSITE CORE

0.05

•

PARTICLE BOARD

0.09

•

MEDIUM DENSITY FIBER BOARD

0.11

•

THIN MEDIUM DENSITY FIBERBOARD

0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXIC CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16"

VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT.)

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

SPECIALTY COATINGS

CURRENT

VOC LIMIT

•

ROOF COATINGS

50

•

RUST PREVENTATIVE COATINGS

250

•

SHELLACS

CLEAR

730

•

OPAQUE

550

•

SPECIALTY PRIMERS, SEALERS & UNDER-COATINGS

100

•

STAINS

250

•

STONE CONSOLIDANTS

450

•

TRAFFIC MARKING COATINGS

100

•

TUB & TILE REFINISH COATINGS

420

•

WATERPROOFING MEBRANES

250

•

WOOD COATINGS

275

•

WOOD PRESERVATIVES

350

•

ZINC-RICH PRIMERS

340

1. GRAMS OF VOC PER LITER OF LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AREI RESOURCE BOARD, ARCHITECTURAL COATINGS, SUGGESTED CONTROL MEASURE, FEB 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

COATING CATEGORY

CURRENT

VOC LIMIT

•

FLAT COATINGS

50

•

NON-FLAT COATINGS

100

•

NON-FLAT HIGH GLOSS COATINGS

150

SPECIALTY COATINGS

CURRENT

VOC LIMIT

•

ALUMINUM ROOF COATINGS

400

•

BASEMENT SPECIALTY COATINGS

400

•

BITUMINOUS ROOF COATINGS

50

•

BITUMINOUS ROOF COATINGS PRIMER

350

•

BOND BREAKER

350

•

CONCRETE CURING COMPOUNDS

350

•

CONCRETE / MASONRY SEALERS

100

•

DRIVEWAY SEALERS

50

•

DRY FOG COATINGS

150

•

FIRE RESISTIVE COATINGS

350

•

FLOOR COATINGS

100

•

FORM-RELEASE COMPOUNDS

250

•

HIGH TEMPERATURE COATINGS

420

•

INDUSTRIAL MAINTENANCE COATINGS

250

•

LOW SOLIDS COATINGS

120

•

MAGNESITE CONCRETE COATINGS

450

•

MASTIC TEXTURE COATINGS

100

•

PRETREATMENT WASH PRIMER

350

•

PRIMERS, SEALERS AND UNDERCOATS

100

•

REACTIVE PENETRATING SEALERS

350

43.1 CONTROLLED BUILDING MATERIAL (REQUIRED)

A. IF FLUORESCENT LAMPS ARE USED THEY SHALL NOT EXCEED 80 PICOGRAMS PER LUMEN HOUR.

B. MAINTAIN THE TACO BELL LAMPS POLICY OF ONLY USING LED LAMPS IN ALL BUILDING, SITE AND SIGN LIGHTING.

STORE OCCUPATION

MODE

TEMP SETPOINTS

MAX RELATIVE HUMIDITY

OCCUPIED

DINING COOLING

73-78 F

60%

KITCHEN COOLING

68-73 F

DINING HEATING

68-73 F

60%

KITCHEN HEATING

66-71 F

UNOCCUPIED

COOLING (MINIMUM)

80 F OR OFF

HEATING (MAXIMUM)

60 F

46.1 THERMAL VERIFICATION (REQUIRED)

A. AT THE 11 MONTH WARRANTY THE CM SHALL ADMINISTER THE "THERMAL COMFORT VERIFICATION SURVEY" WITH A RESPONSE RATE OF 75% MINIMUM.

B. IF 20% OR MORE OF THE RESPONDERS ARE DISSATISFIED THEN CORRECTIVE ACTIONS SHALL TAKE CORRECTIVE ACTION UNTIL LESS THAN 20% ARE DISSATISFIED.

C. IF CORRECTIVE ACTION IS REQUIRED GO BACK AND INSURE THAT THE STORE MEETS #28 THERMAL COMFORT STANDARDS.

48.1 LEED TEAM MEMBER (REQUIRED)

EACH CONSULTANT SHALL HAVE A LEED AP MEMBER ON EACH PROJECTS SITE SPECIFIC TEAM.

49.1 COMMISSIONING (REQUIRED)

COMMISSIONING REQUIRES UNDERSTANDING THE OWNERS DESIGN INTENT PRIOR TO STARTING SITE SPECIFIC DESIGN SO THEY CAN INSURE THAT THEIR DESIGN MEETS WITH THE OWNERS REQUIREMENTS. COMMISSIONING ALSO IS ALSO INTENDED TO INSURE THAT THE CONTRACTOR EXECUTES THE DESIGN PER THE OWNERS REQUIREMENTS.

A. THE CONSULTANT SHOULD MODIFY THE OWNERS PROTOTYPE REQUIREMENTS WITH THE SITE SPECIFIC 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

37.1 RECYCLING (REQUIRED)

A. PROVIDE DEDICATED RECYCLING SPACE IN THE DINING ROOM, KITCHEN AND SITE. RECYCLING SHOULD ACCOMMODATE PLASTIC, PAPER AND OIL.

B. SEE THE "TRASH ENCLOSURE STANDARDS" POSTED ON THE PLANS.YUM.COM. UNLESS APPROVED THE "LARGE" VERSION SHOULD BE USED.

37.2 COOKING OIL RECYCLING (REQUIRED)

COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.

37.3 CARDBOARD RECYCLING (OPTIONAL)

COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.

38. AIR VENTILATION (REQUIRED)

1. PROVIDE AIR VENTILATION AND EXHAUST RATES PER YUM BLUELINE.

2. PROVIDE FRESH AIR PER YUM BLUELINE.

39.1 NO SMOKING (REQUIRED)

A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE RESTAURANT

B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTAURANT

41.1 PROTECTION OF MATERIALS (REQUIRED)

GC TO PROVIDE A IAQ MANAGEMENT PLAN WITH BID. START WITH THE PROTOTYPE TEMPLATE AND MODIFY AS REQUIRED. FOR SITE SPECIFIC CONDITIONS.

A. PROTECT HVAC SYSTEM

B. IMPLEMENT POLLUTION SOURCE CONTROL MEASURES

C. PROTECT STORED MATERIALS

D. PROTECT INSTALLED MATERIALS

E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING

42. LOW EMITTING MATERIALS (REQUIRED)

FINISH MATERIALS SHALL COMPLY WITH THIS SECTION:

ADHESIVES, SEALANTS AND CAULKS.

ADHESIVES, SEALANT AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY:

1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS.

2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH SCAQMD.

PAINTS AND COATINGS.

ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD.

AEROSOL PAINTS AND COATINGS.

AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS.

VERIFICATION.

THE GENERAL CONTRACTOR SHALL PROVIDED DOCUMENTATION TO THE CM. DOCUMENTATION SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. MANUFACTURER'S PRODUCT SPECIFICATION.

2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS.

ADHESIVE VOC LIMITS

ARCHITECTURAL ADHEASIVE APPLICATIONS

CURRENT VOC LIMIT

•

CERAMIC TILE

65

•

DRYWALL, PANEL & COVE BASE

50

•

MULTI-PURPOSE

70

•

SINGLE PLY ROOFING

250

SPECIALTY APPLICATIONS

CURRENT VOC LIMIT

•

PVC WELDING

510

•

CPVC WELDING

490

•

ABS WELDING

325

•

PLASTIC CEMENT WELDING

250

•

ADHESIVE PRIMER FOR WELDING

550

•

CONTACT ADHESIVE

80

•

SPECIAL PURPOSE CONTACT ADHESIVE

250

•

STRUCTURAL WOOD MEMBER ADHESIVE

140

•

TOP & TRIM ADHESIVE

250

SUBSTRATE SPECIFIC APPLICATIONS

CURRENT VOC LIMIT

•

METAL TO METAL

30

•

PLASTIC FOAMS

50

•

POROUS MATERIALS (EXCEPT WOOD)

50

•

WOOD

30

•

FIBERGLASS

80

SEALANT VOC LIMITS

(LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER)

SEALANT

CURRENT

LIMIT

•

ARCHITECTURAL

250

•

MARINE DECK

760

•

NON-MEMBRANE ROOF

300

•

ROADWAY

250

•

SINGLE PLY ROOF MEMBRANE

450

•

OTHER

420

SEALANT PRIMER

CURRENT

LIMIT

•

ARCHITECTURAL

NON-POROUS

775

•

MODIFIED BITUMINOUS

500

•

MARINE DECK

760

•

OTHER

75

1.3 CONTAMINATED SITES (OPTIONAL)

IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX.

1.4 LOCATION COMMITMENT (REQUIRED)

COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE.

1.5 PAY UTILITIES DIRECTLY (REQUIRED)

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

2.2 PROXIMITY TO BUS STOP (OPTIONAL)

SITE IS WITHIN 1/4 A MILE OF A BUS STOP.

3.0 BICYCLE FACILITIES (REQUIRED)

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

5.1 PARKING (OPTIONAL)

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

7.2 WHITE ROOF (REQUIRED)

PROVIDE WHITE PVC SINGLE MEMBRANE ROOF MATERIAL.

9.0 CONSTRUCTION POLLUTION CONTROL (REQUIRED)

A. CONSTRUCTION POLLUTION CONTROL PLAN.

B. SILT FENCING

C. SITE VEHICULAR ACCESS

D. WHEEL WASHING

E. COVERED LOADS

F. EXCAVATED SOIL STORAGE

G. STORM WATER DRAIN, TRENCH AND PIT DRAIN PROTECTION

H. TEMPORARY DIVERSION DITCHES AND BERMS

I. DUST CONTROL

J. EXPOSED SLOPE EROSION CONTROL

K. WEEKLY CONTRACTOR INSPECTION

10.2 BUILDING WATER (REQUIRED)

PROVIDE PLUMBING FIXTURES AS SPECIFIED IN THE PROTOTYPE DRAWINGS, SPECIFICATIONS AND EQUIPMENT MODEL.

11.2 PROCESS WATER (REQUIRED)

ALL WATER USING EQUIPMENT SPECIFIED IN THE PROTOTYPE EQUIPMENT SCHEDULE SHALL BE USED FOR ALL GROUND-UP RESTAURANTS.

12.1 LANDSCAPE DESIGN (REQUIRED)

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

13.1 IRRIGATION WATER (REQUIRED)

SEE LANDSCAPE SPECIFICATIONS

A. PROGRAMMABLE IRRIGATION CONTROLLER.

B. SEPARATE IRRIGATION ZONES

C. PROGRAM MAXIMUM IRRIGATION TIMING

D. HIGH-EFFICIENCY IRRIGATION SPRINKLER HEADS

E. RAIN SENSOR

15.3 INTERIOR LIGHTING (REQUIRED)

THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

16.2 EXTERIOR LIGHTING (REQUIRED)

THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

17.2 SIGN ILLUMINATION (REQUIRED)

THE CURRENT SIGNAGE SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.

18.1 EXHAUST HOODS (REQUIRED)

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

19.1 LICENSED HVAC ENGINEER (REQUIRED)

USE A LICENSED HVAC ENGINEER FOR SYSTEM SITE ADAPTATION.

19.2 OPTIMIZE HVAC DESIGN (REQUIRED)

OPTIMIZE HVAC DESIGN SYSTEM PER YUM BLUELINE STANDARDS

20.0 HVAC EFFICIENCY (REQUIRED)

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

21.0 ECONOMIZER PERFORMANCE (REQUIRED)

USE A FACTORY PROVIDED ECONOMIZER WITH DIFFERENTIAL CONTROLS INTEGRAL TO AND COMPATIBLE WITH THE RTU'S SPECIFIED IN THE PROTOTYPE PLAN.

22.1. HOT WATER EFFICIENCY (REQUIRED)

USE THE WATER HEATER SPECIFIED IN THE TACO BELL PROTOTYPE.

23.1 REFRIGERANTS (REQUIRED)

DO NOT USED BANNED REFRIGERANTS. IF YOU USE ANY MODERN RTU YOU WILL NOT USE BANNED REFRIGERANTS

24.1 REFRIGERATION (REQUIRED)

A. USE THE CURRENT SPECIFIED WALK-IN COOLER/FREEZER. SEE CREDIT 24

B. USE THE CURRENT SPECIFIED REACH-IN FREEZER. SEE CREDIT 24

C. USE THE CURRENT SPECIFIED ICE MAKERS. SEE CREDIT 24

25.1 COOKING & WASHING EQUIPMENT (REQUIRED)

A. USE THE CURRENT SPECIFIED FRYER IN THE PROTOTYPE.

B. USE THE CURRENT SPECIFIED 3-COMP SINK IN THE PROTOTYPE.

28.1 BASIC LIGHTING & THERMAL CONTROLS (REQUIRED)

A. PROVIDE PROGRAMMABLE 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.

28.3 OCCUPANCY SENSORS (OPTIONAL)

PROVIDE ULTRASONIC(INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE OF INTERIOR LIGHTING.

33.1 RECYCLED CONTENT (REQUIRED)

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

36.1 CONSTRUCTION WASTE MANAGEMENT (REQUIRED)

A. THE CONTRACTOR SHALL RECYCLE A MINIMUM OF 50% OF ALL CONSTRUCTION WASTE AND PROVIDE RECORDS PER YUM BLUELINE. 75% IS PREFERRED.

B. THE GENERAL CONTRACTOR SHALL PROVIDE A CONSTRUCTION WASTE MANAGEMENT PLAN TO THE CONSTRUCTION MANAGER WITH THEIR BID SUBMITTAL. THEY CAN USE THE STARTER FORM POSTED ON THE PLANS.YUM.COM WEBSITE IN THE GREEN PLAYBOOK SECTION.

37.1 RECYCLING (REQUIRED)

A. PROVIDE DEDICATED RECYCLING SPACE IN THE DINING ROOM, KITCHEN AND SITE. RECYCLING SHOULD ACCOMMODATE PLASTIC, PAPER AND OIL.

B. SEE THE "TRASH ENCLOSURE STANDARDS" POSTED ON THE PLANS.YUM.COM. UNLESS APPROVED THE "LARGE" VERSION SHOULD BE USED.

37.2 COOKING OIL RECYCLING (REQUIRED)

COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.

37.3 CARDBOARD RECYCLING (OPTIONAL)

COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING.

38. AIR VENTILATION (REQUIRED)

1. PROVIDE AIR VENTILATION AND EXHAUST RATES PER YUM BLUELINE.

2. PROVIDE FRESH AIR PER YUM BLUELINE.

39.1 NO SMOKING (REQUIRED)

A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE RESTAURANT

B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTAURANT

41.1 PROTECTION OF MATERIALS (REQUIRED)

GC TO PROVIDE A IAQ MANAGEMENT PLAN WITH BID. START WITH THE PROTOTYPE TEMPLATE AND MODIFY AS REQUIRED. FOR SITE SPECIFIC CONDITIONS.

A. PROTECT HVAC SYSTEM

B. IMPLEMENT POLLUTION SOURCE CONTROL MEASURES

C. PROTECT STORED MATERIALS

D. PROTECT INSTALLED MATERIALS

E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING

42. LOW EMITTING MATERIALS (REQUIRED)

FINISH MATERIALS SHALL COMPLY WITH THIS SECTION:

ADHESIVES, SEALANTS AND CAULKS.

ADHESIVES, SEALANT AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY:

1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS.

2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH SCAQMD.

PAINTS AND COATINGS.

ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD.

AEROSOL PAINTS AND COATINGS.

AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS.

VERIFICATION.

THE GENERAL CONTRACTOR SHALL PROVIDED DOCUMENTATION TO THE CM. DOCUMENTATION SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. MANUFACTURER'S PRODUCT SPECIFICATION.

2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS.

ADHESIVE VOC LIMITS

ARCHITECTURAL ADHEASIVE APPLICATIONS

CURRENT VOC LIMIT

•

CERAMIC TILE

65

•

DRYWALL, PANEL & COVE BASE

50

•

MULTI-PURPOSE

70

•

SINGLE PLY ROOFING

250

SPECIALTY APPLICATIONS

CURRENT VOC LIMIT

•

PVC WELDING

510

•

CPVC WELDING

490

•

ABS WELDING

325

•

PLASTIC CEMENT WELDING

250

•

ADHESIVE PRIMER FOR WELDING

550

•

CONTACT ADHESIVE

80

•

SPECIAL PURPOSE CONTACT ADHESIVE

250

•

STRUCTURAL WOOD MEMBER ADHESIVE

140

•

TOP & TRIM ADHESIVE

250

SUBSTRATE SPECIFIC APPLICATIONS

CURRENT VOC LIMIT

•

METAL TO METAL

30

•

PLASTIC FOAMS

50

•

POROUS MATERIALS (EXCEPT WOOD)

50

•

WOOD

30

•

FIBERGLASS

80

SEALANT VOC LIMITS

(LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER)

SEALANT

CURRENT

LIMIT

•

ARCHITECTURAL

250

•

MARINE DECK

760

•

NON-MEMBRANE ROOF

300

•

ROADWAY

250

•

SINGLE PLY ROOF MEMBRANE

450

•

OTHER

420

SEALANT PRIMER

CURRENT

LIMIT

•

ARCHITECTURAL

NON-POROUS

775

•

MODIFIED BITUMINOUS

500

•

MARINE DECK

760

•

OTHER

75

1.3 CONTAMINATED SITES (OPTIONAL)

IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX.

1.4 LOCATION COMMITMENT (REQUIRED)

COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE.

1.5 PAY UTILITIES DIRECTLY (REQUIRED)

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

2.2 PROXIMITY TO BUS STOP (OPTIONAL)

SITE IS WITHIN 1/4 A MILE OF A BUS STOP.

3.0 BICYCLE FACILITIES (REQUIRED)

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

5.1 PARKING (OPTIONAL)

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

7.2 WHITE ROOF (REQUIRED)

PROVIDE WHITE PVC SINGLE MEMBRANE ROOF MATERIAL.

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A. CONSTRUCTION POLLUTION CONTROL PLAN.

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H. TEMPORARY DIVERSION DITCHES AND BERMS

I. DUST CONTROL

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E. RAIN SENSOR

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2. PROVIDE FRESH AIR PER YUM BLUELINE.

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B. IMPLEMENT POLLUTION SOURCE CONTROL MEASURES

C. PROTECT STORED MATERIALS

D. PROTECT INSTALLED MATERIALS

E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING

42. LOW EMITTING MATERIALS (REQUIRED)

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ADHESIVES, SEALANTS AND CAULKS.

ADHESIVES, SEALANT AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY:

1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS.

2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH SCAQMD.

PAINTS AND COATINGS.

ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD.

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AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS.

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2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS.

ADHESIVE VOC LIMITS

ARCHITECTURAL ADHEASIVE APPLICATIONS

CURRENT VOC LIMIT

•

CERAMIC TILE

65

•

DRYWALL, PANEL & COVE BASE

50

•

MULTI-PURPOSE

70

•

SINGLE PLY ROOFING

250

SPECIALTY APPLICATIONS

CURRENT VOC LIMIT

•

PVC WELDING

510

•

CPVC WELDING

490

•

ABS WELDING

325

•

PLASTIC CEMENT WELDING

250

•

ADHESIVE PRIMER FOR WELDING

550

•

CONTACT ADHESIVE

80

•

SPECIAL PURPOSE CONTACT ADHESIVE

250

•

STRUCTURAL WOOD MEMBER ADHESIVE

140

•

TOP & TRIM ADHESIVE

250

SUBSTRATE SPECIFIC APPLICATIONS

CURRENT VOC LIMIT

•

METAL TO METAL

30

•

PLASTIC FOAMS

50

•

POROUS MATERIALS (EXCEPT WOOD)

50

•

WOOD

30

•

FIBERGLASS

80

SEALANT VOC LIMITS

(LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER)

SEALANT

CURRENT

LIMIT

•

ARCHITECTURAL

250

•

MARINE DECK

760

•

NON-MEMBRANE ROOF

300

•

ROADWAY

250

•

SINGLE PLY ROOF MEMBRANE

450

•

OTHER

420

SEALANT PRIMER

CURRENT

LIMIT

•

ARCHITECTURAL

NON

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 DETEIORATION 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 NH43 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 NH43. 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. (OBTIOUSLY 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 CONFINE 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 PERSVASIVE. • (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:

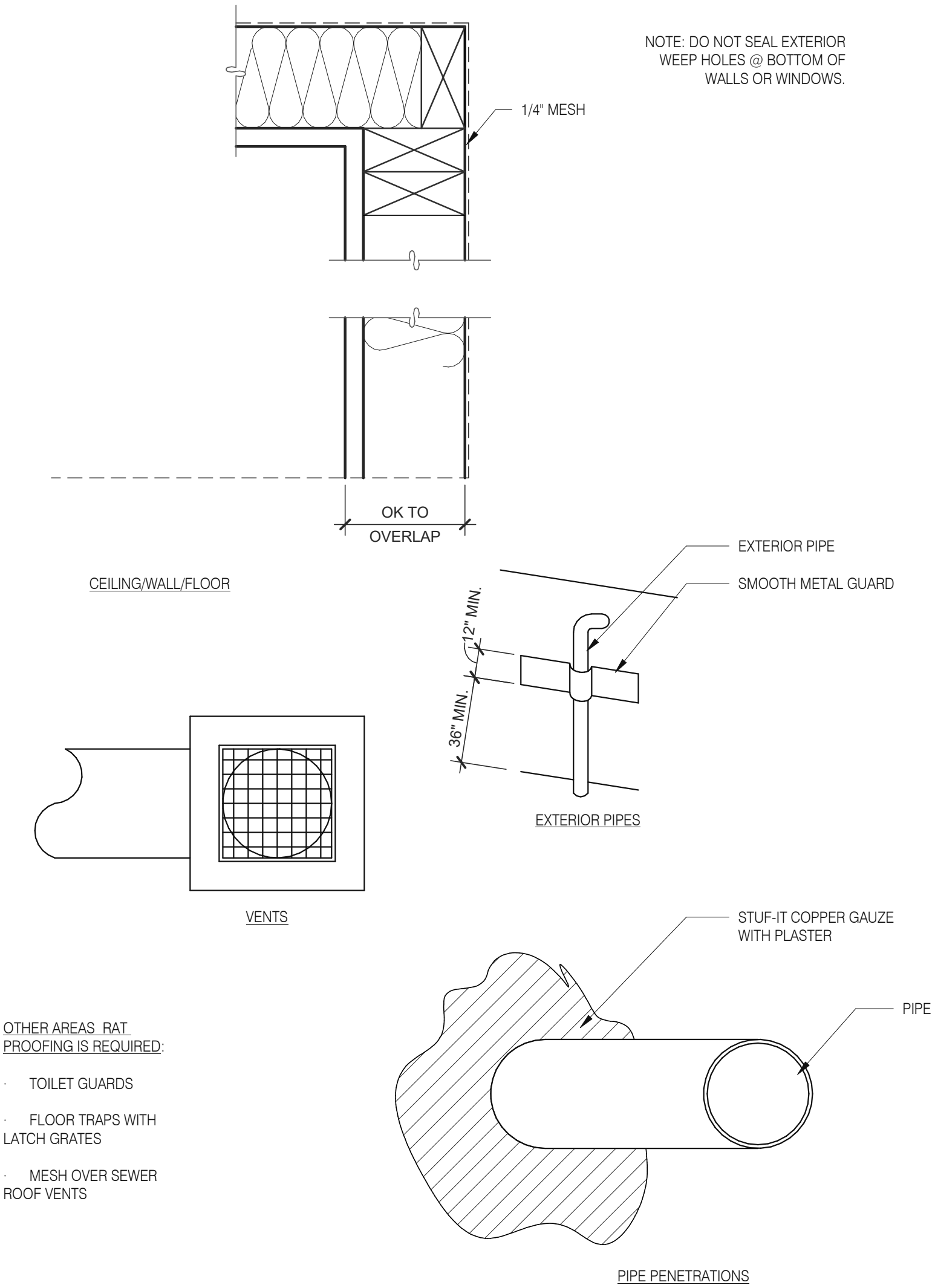
- STEEL WOOL IS USED TO PLUG SMALL OPENINGS WHERE PESTS MAY ENTER OR MOVE WITHIN STRUCTURES. STEEL WOOL IS USEFUL WHERE AIR MOVEMENT IS DESIRED, BUT THERE IS LOW HUMIDITY ONLY. STEEL WOOL WILL RUST, SO IT SHOULD NOT BE USED IN AREAS OF HIGH MOISTURE. • COPPER MESH IS USED IN LOCATIONS WITH HIGH HUMIDITY 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

Mark S. Salopek, LLC

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330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 314877

STORE NUMBER: 455564

PA/PM: JG

DRAWN BY.: MS

JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



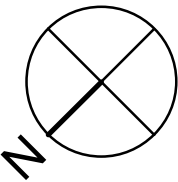
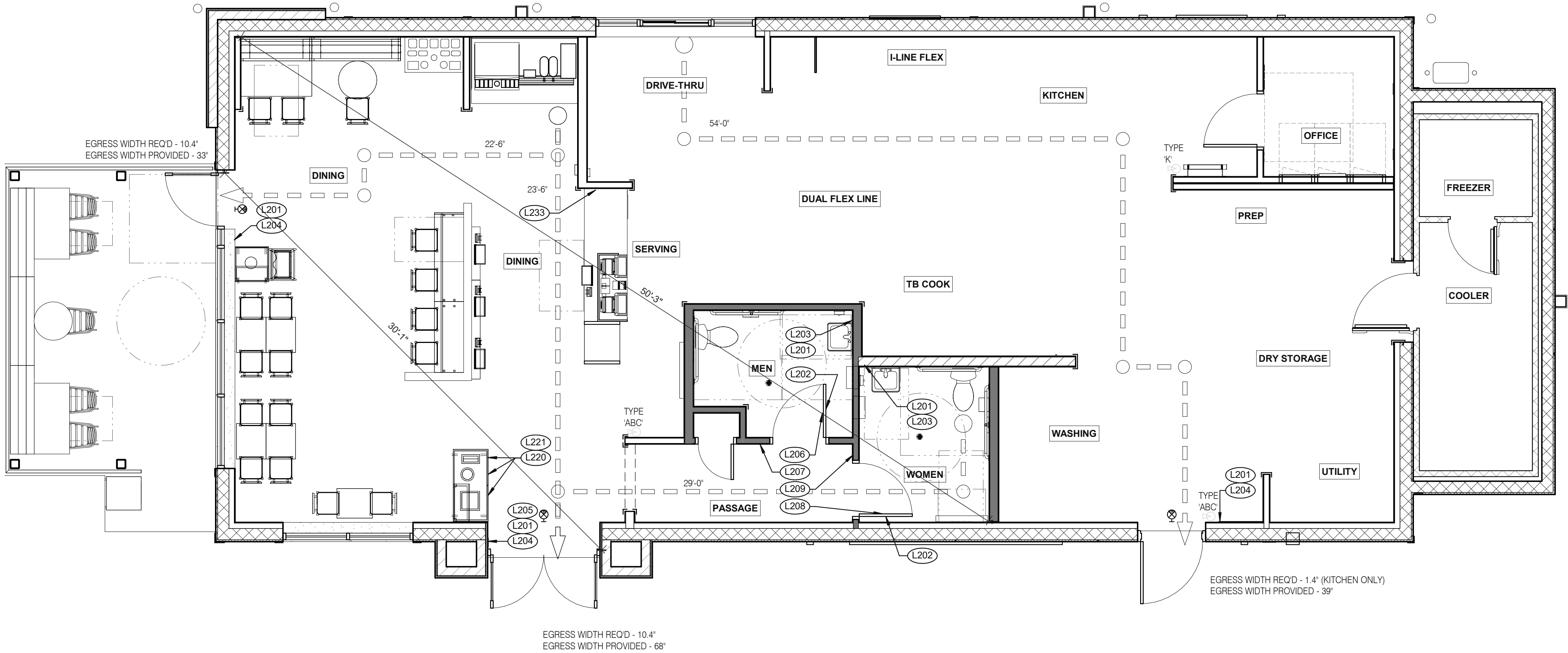
ENDEAVOR 2.0
PEST
PREVENTION
GUIDE

G3.0

PLOT DATE: 5/19/2022 11:27:41 AM

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330.572.2112 FAX: 330.572.2102



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

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	48" MIN. A.F.F. 60" MAX. A.F.F.	5	1 in each restroom, 1 at each door
L202	Clean Restroom	To our customers:We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty. Thank you	1/16 x 6 x 9	60" A.F.F.	2	1 inside each restroom (back of restroom door)
L203	Hand Wash Notice	Employees must wash hands before returning to work	1/16 x 6 x 6	60" A.F.F.	2	1 inside each restroom near sink
L204	Exit (w/ Braille)	Exit	1/16 x 6 x 6	60" A.F.F.	3	1 at each exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	8'-0" to center of sign	1	Above customer exit. Only 1 is needed
L206	Men's Restroom Triangle (W/B)	INFOGRAPHIC of male	1/4 x 12 x 12	60" A.F.F.	1	Mounted on men's restroom door
L207	Men's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Men's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L208	Women's Restroom Circle (W/B)	INFOGRAPHIC of female	1/4 x 12 x 12	60" A.F.F.	1	Mounted on women's restroom door
L209	Women's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Women's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	60" A.F.F.	1	At front counter

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

- EMERGENCY EXIT
- TRAVEL DISTANCE
- FIRE EXTINGUISHER
- EXIT SIGNS

STANDARD REQUIRED SIGNAGE

4

LIFE SAETY LEGEND

3

NOT USED

2

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	314877
STORE NUMBER:	455564
PA/PM:	JG
DRAWN BY.:	MS
JOB NO.:	2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
SIGNAGE - LIFE
SAFETY PLAN

G4.0

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LANDFILL

COMPOST

RECYCLE

3 STREAM TRASH 1 - BIN LABELS

13

LANDFILL

PLASTIC,
METAL, GLASS

PAPER

3 STREAM TRASH 2 - LABELS

14

WOMEN RESTROOM WHITE SIGN

9

WOMEN RESTROOM BRAILLE SIGN

10

IF YOU NEED ASSISTANCE

12

EXIT BRAILLE SIGN

5

OCCUPANCY SIGN

6

MEN RESTROOM WHITE SIGN

7

MEN RESTROOM BRAILLE SIGN

8

NO SMOKING SIGN

1

CLEAN RESTROOM SIGN

3

HAND WASH NOTICE SIGN

4

Mark S. Salopek, LLC
3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
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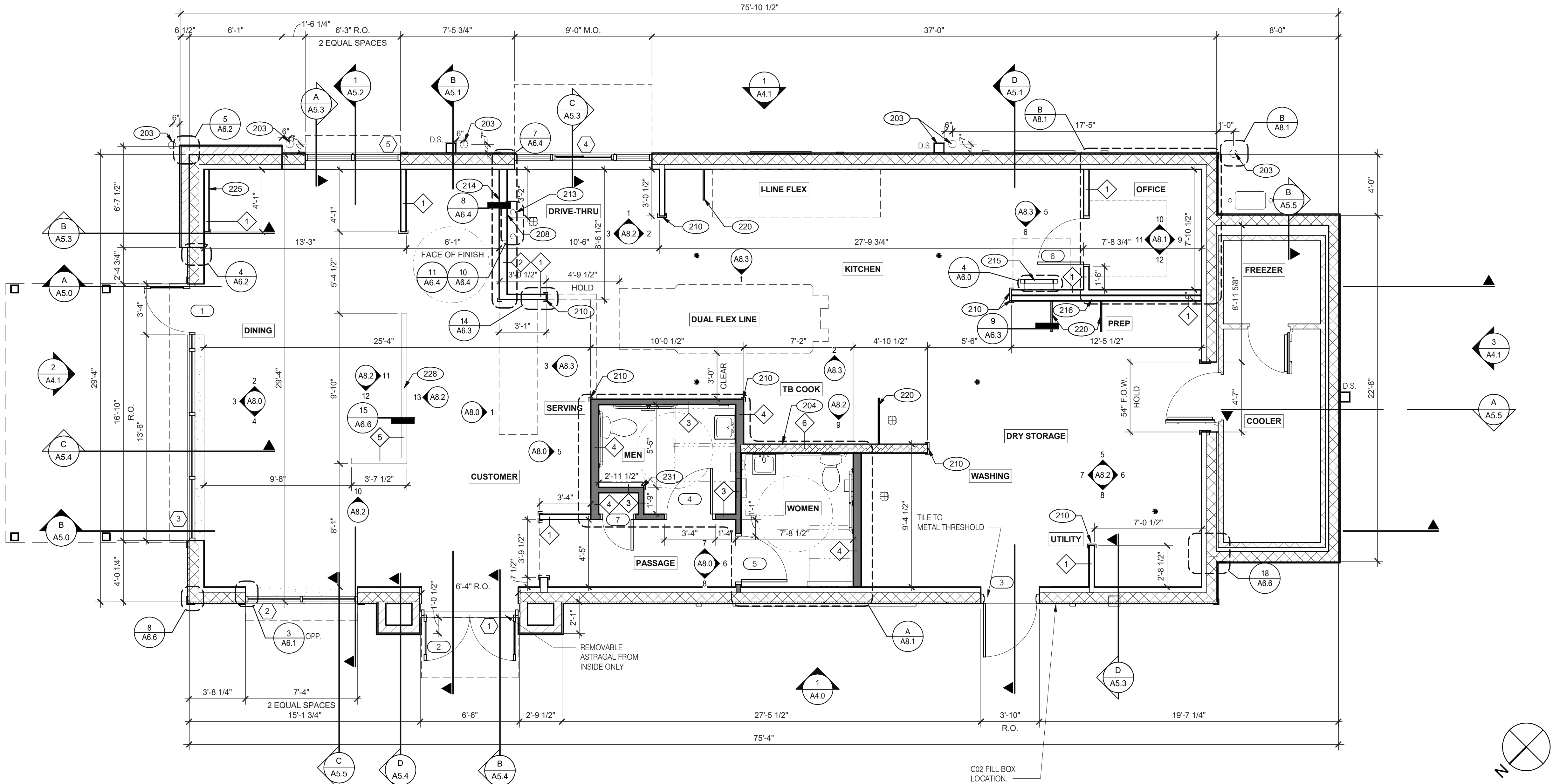
TACO BELL
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

TACO BELL
ENDEAVOR 2.0
SIGNAGE
DETAILS

G4.1
PLOT DATE: 5/19/2022 11:27:46 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
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WALL HEIGHTS:
ALL INTERIOR NON-BEARING WALLS EXTEND 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.
- KITCHEN WALLS AND DINING ROOM CLOSET:
1/2" CEMENT WALLBOARD FROM T.O. SLAB T.O. 12" A.F.F., USE 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6' ABOVE CEILING HEIGHT U.O.N.
- 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 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

DIMENSIONS:
A. ALL DIMENSIONS NOTED ARE TO FACE OF CONCRETE FOUNDATION, FACE OF CMU 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 2020 FLORIDA' 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.

- 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.

WALL LEGEND

FLOOR PLAN NOTES

KEY NOTES

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
FLOOR PLAN

A1.0

PLOT DATE: 5/19/2022 11:24:55 AM



9

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

A1.1

PLOT DATE: 5/19/2022 11:24:59 AM

1. LAMINATE DOORS 4, 5, 6 & 7 AND PAINT FRAMES 3, 4, 5, 6 & 7. SEE INTERIOR ELEVATION, SHEET A8.0, 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 KEYPED 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.

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

GLAZING
VITROGLAZINGS
SOLARBAN 90 SOLAR CONTROL LOW-E
GLASS

SEE EXTERIOR ELEVATIONS FOR STOREFRONT COLOR

(D) SAFETY GLASS BY MFR.

(C) 1/4" TEMPERED GLASS

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



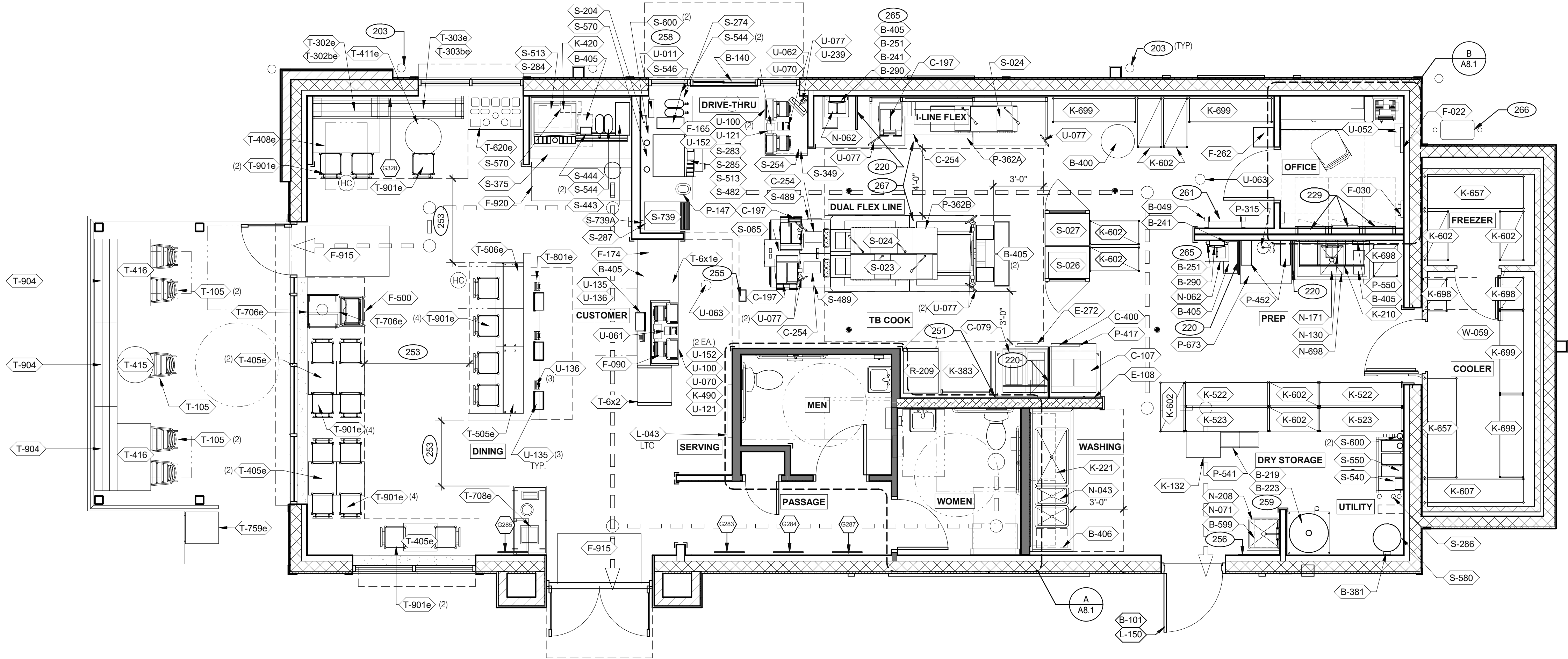
4 DOOR SCHEDULE NOTES

4

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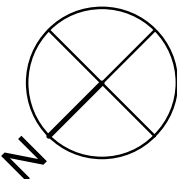
Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46



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

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

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

E

X	QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
5328	1	GM - LP MURAL	E	M01	CUSTOM	SEE A8.0
5283	1	GM - CW	E	F01	28x40	SEE A8.0
5284	1	GM - BELL	E	F02	28x40	SEE A8.0
5285	1	GM - ORG	E	F01	28x40	SEE A8.0
5287	1	GM - CW2	E	F01	28x40	SEE A8.0
5609	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.						
5519		GM - BLUE	E	M02	48x96	SEE A4.1
5520		GM - BELL	E	M02	48x96	SEE A4.1
5521		GM - ORG	E	M02	48x96	SEE A4.1

ARTWORK SCHEDULE

D

- DECOR
- REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITY
 - HC - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

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

SHELVING QUANTITIES

C2

- 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.

XXX

KEY NOTES

B

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



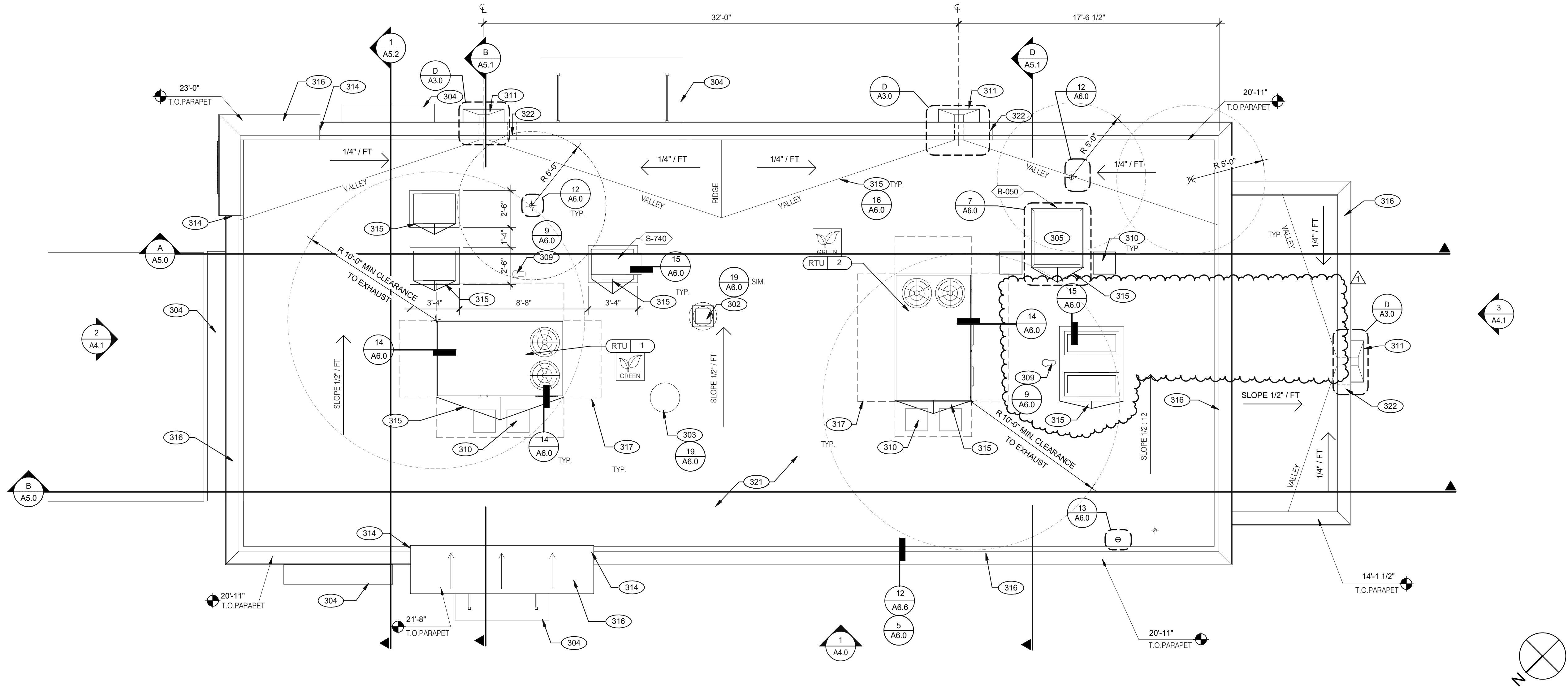
ENDEAVOR 2.0
EQUIPMENT
AND SEATING
PLAN

A2.0

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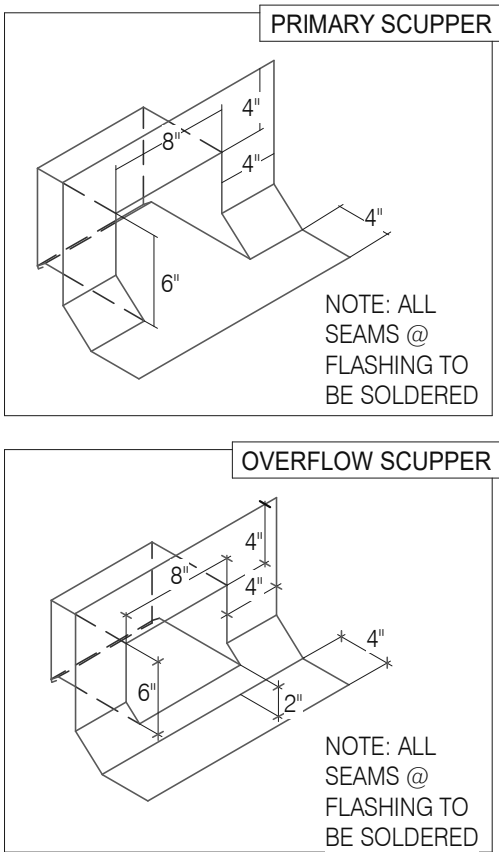
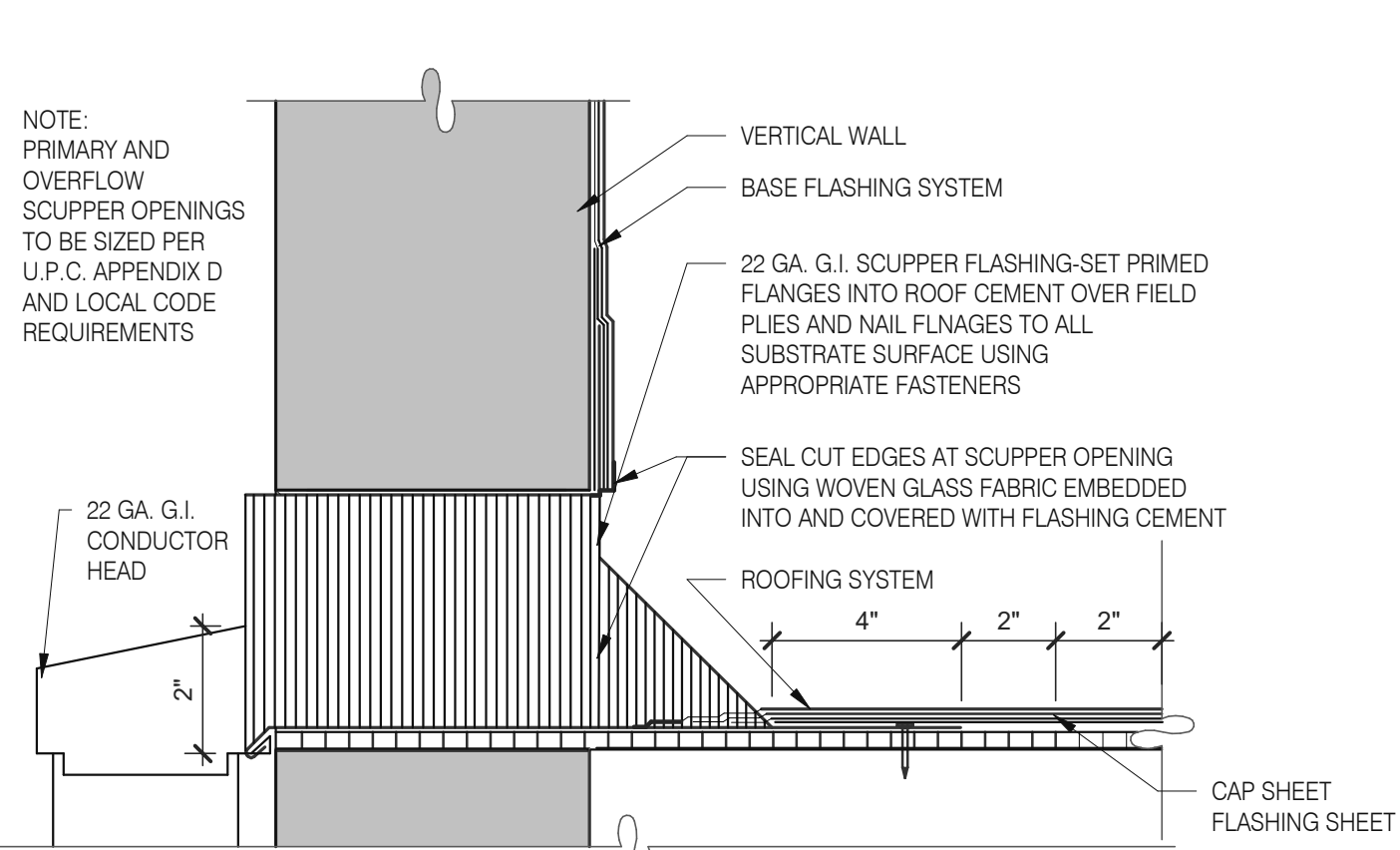
3638 WEST GALLOWAY DRIVE
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330.572.2112 FAX: 330.572.2102



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05.11.22	Building Comments
05.13.22	NTP
05.19.22	Issued for Bid

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SITE NUMBER: 314877
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PA/PM: JG
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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 METAL DECKING OVER STEEL JOISTS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 322 OVERFLOW SCUPPER. SEE DETAIL D/A3.0.

KEY NOTES

B

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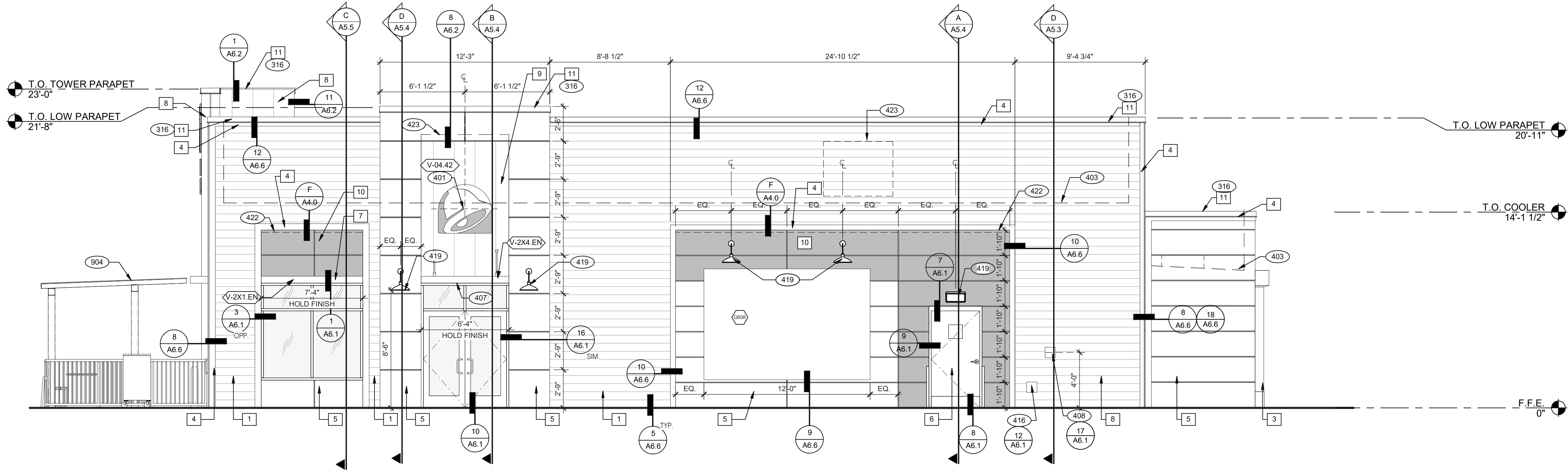
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ROOF PLAN

A3.0

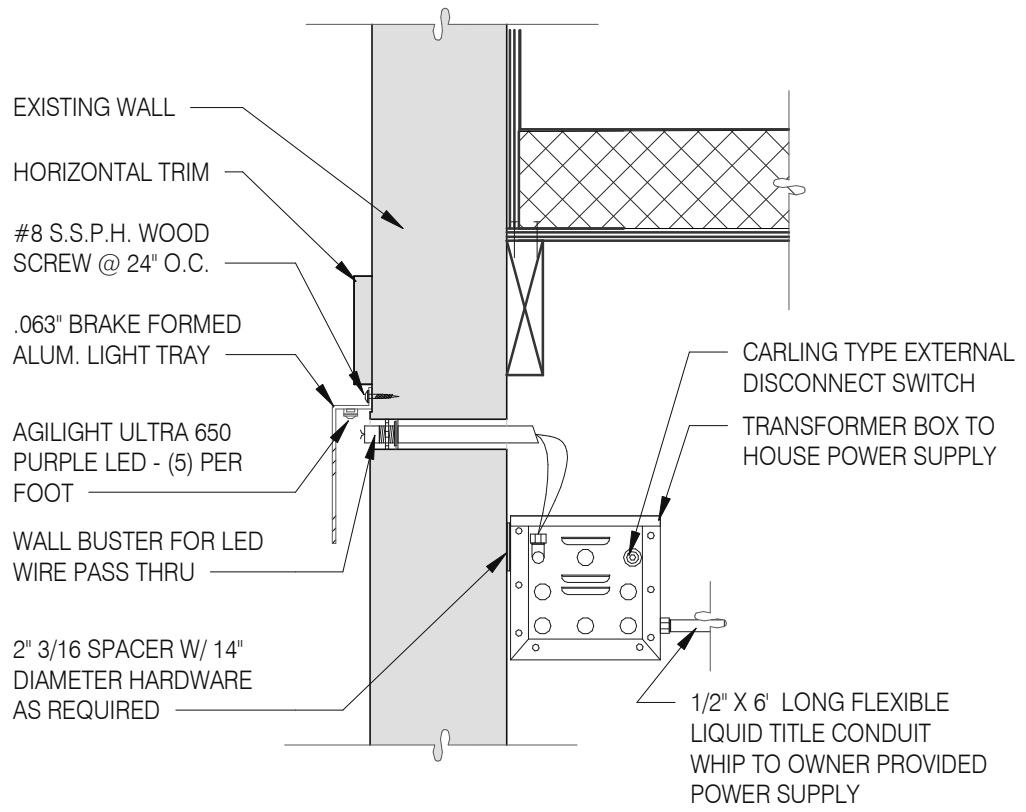
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FRONT ELEVATION 1/4" = 1'-0" 1



LED WALL WASHER DETAIL

F

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	4	14" WHITE CHANNEL LETTERS VERTICAL	A4.0/ A4.1
V-04.42	4	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.0/ A4.1
EYEBROW AWNINGS			
V-2X1.EN	1	SIDE ENTRY EYEBROW (WINDOW) 7' 3" L X 6" H X 3' 0" D, BLACK	A4.0
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 9" L X 6" H X 1' 4" D, BLACK	A4.1
V-2X3.EN	1	DT EYEBROW (WINDOW) 6' 2" L X 6" H X 1' 4" D, BLACK	A4.1
V-2X4.EN	1	SIDE ENTRY EYEBROW (DOOR) 6' 3" L X 6" H X 3' 0" D, BLACK	A4.0
V-2X5.EN	1	SIDE ENTRY EYEBROW (REAR) 28' 5 1/2" L X 6" H X 3' 0" D, BLACK	A4.0

SIGNAGE

E

MISCELLANEOUS

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

SEALERS (REFER TO SPECS)

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

CRITICAL DIMENSIONS

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

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

GENERAL NOTES

C

PAINING

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

PAINT NOTES

A

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144" L X 8.25" W, 7" EXPOSURE COMES PRIMED FOR PAINT	WORLDLY GRAY (SW7043), SEMI-GLOSS	SEE C / A 7.2
2	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
3	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
4	HARDIE TRIM	JAMES HARDIE	HARDIE TRIM 5/4 SMOOTH 1"x5.5"	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
5	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
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

D

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

KEY NOTES

B

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



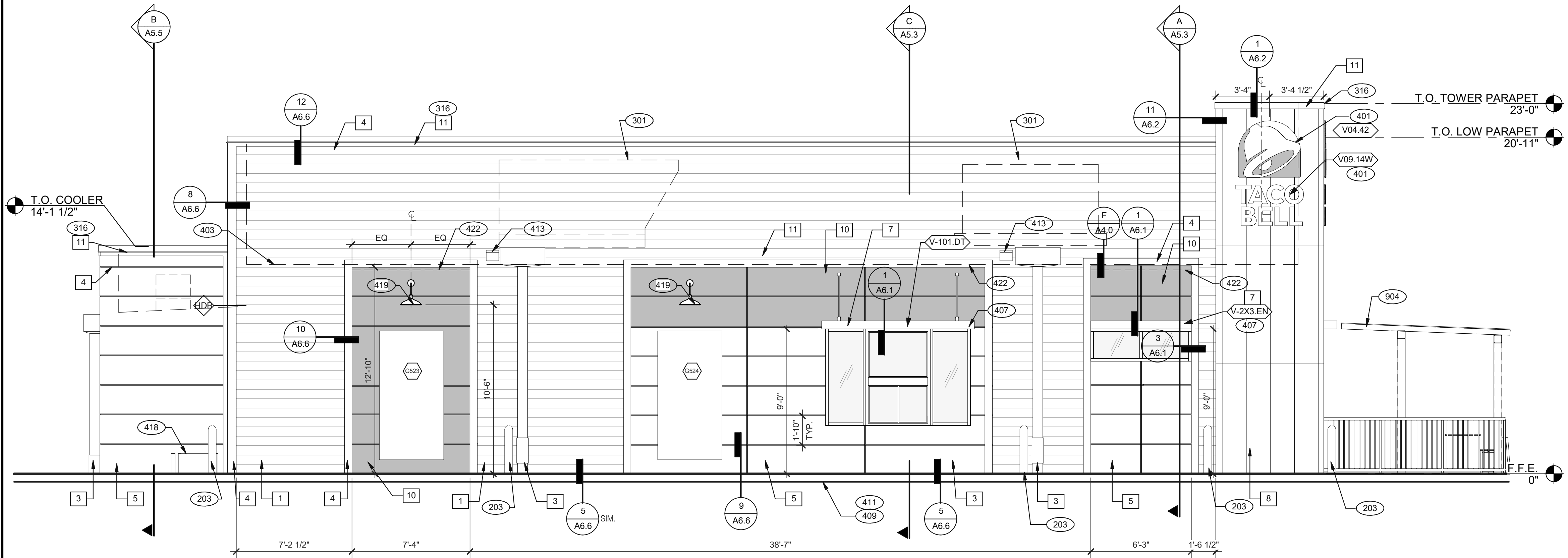
ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.0

PLOT DATE: 5/19/2022 11:25:21 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



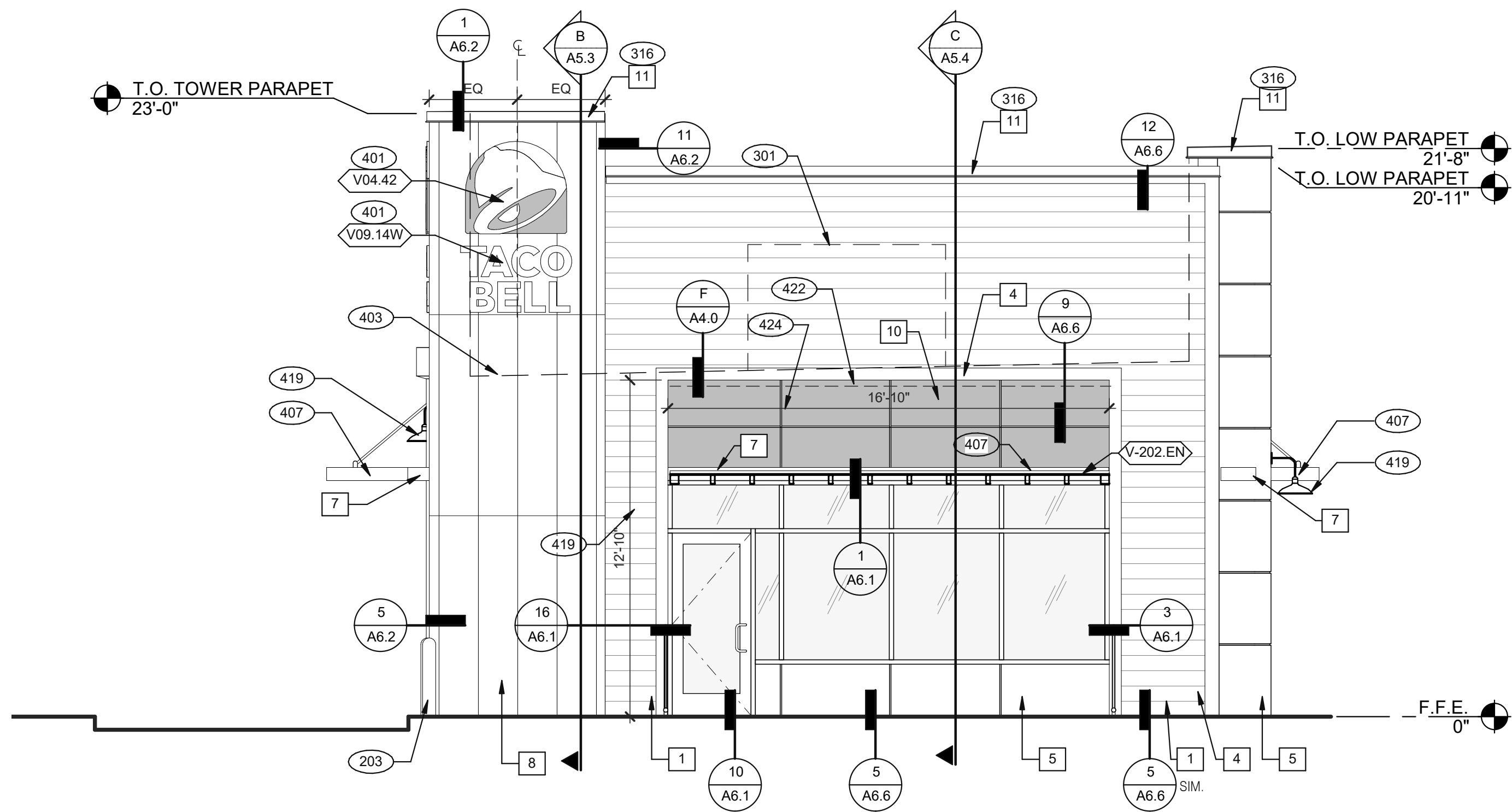
SEE SHEET A4.0 FOR FINISH SCHEDULE

- 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.
413 OVERFLOW SCUPPER. REFER TO D/A3.0.
418 GAS METER.
419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR, REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.
424 ALIGN REVEAL WITH VERTICAL MULLION.
904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR DETAILS.

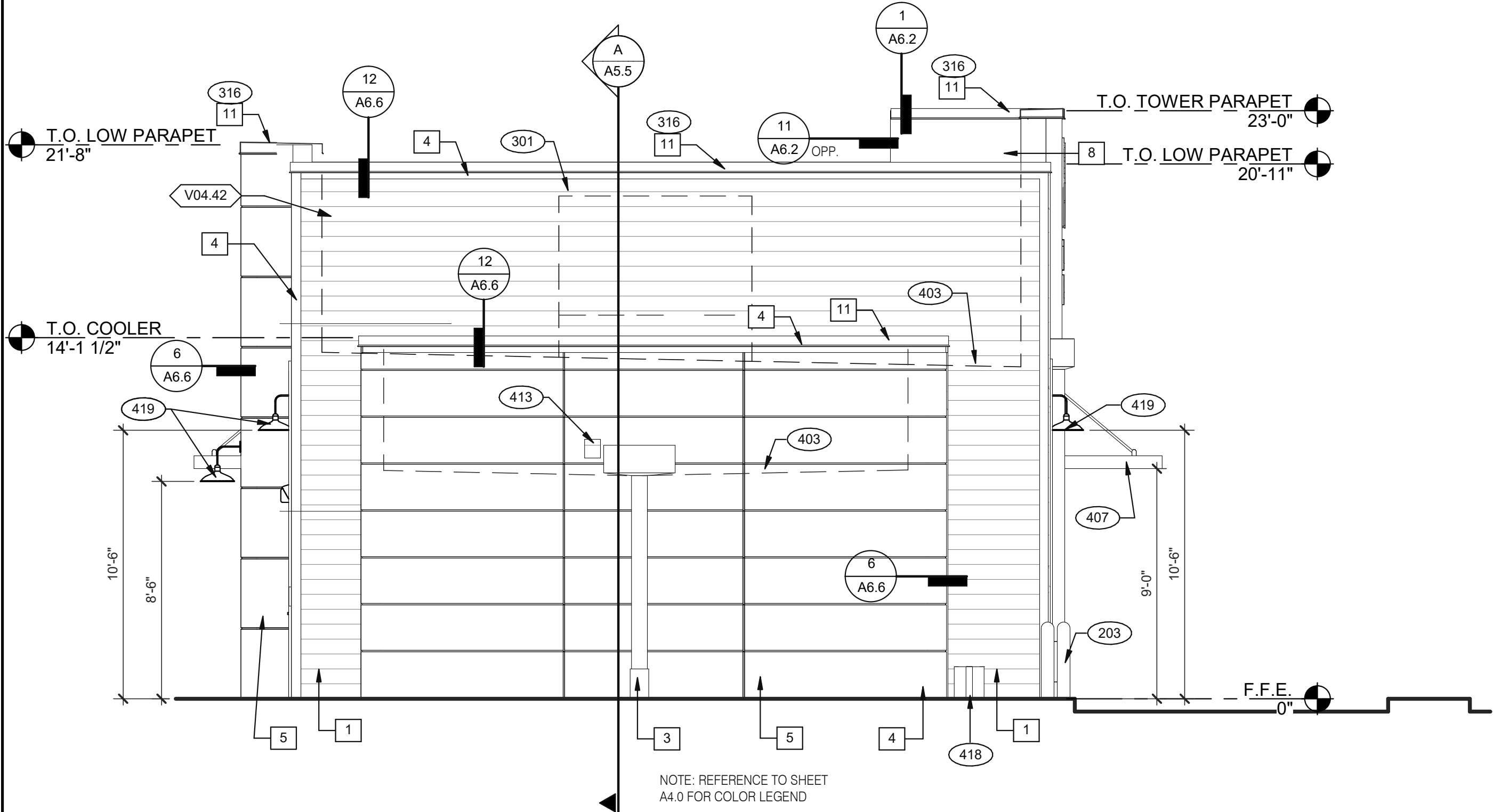
REAR ELEVATION 1/4" = 1'-0" 1

KEY NOTES

A



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



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

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



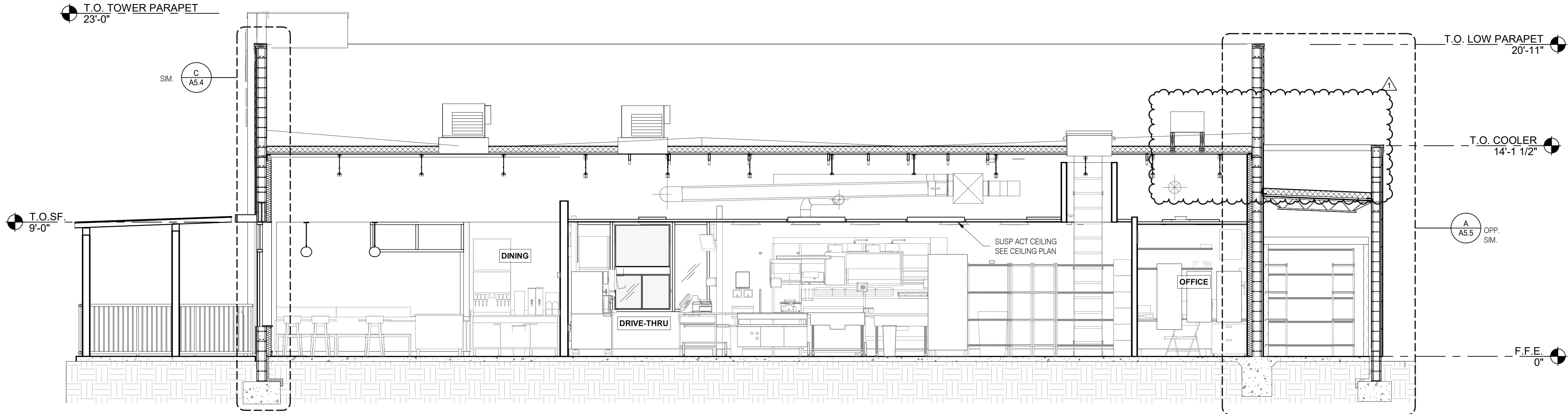
ENDEAVOR 2.0
EXTERIOR
ELEVATIONS

A4.1

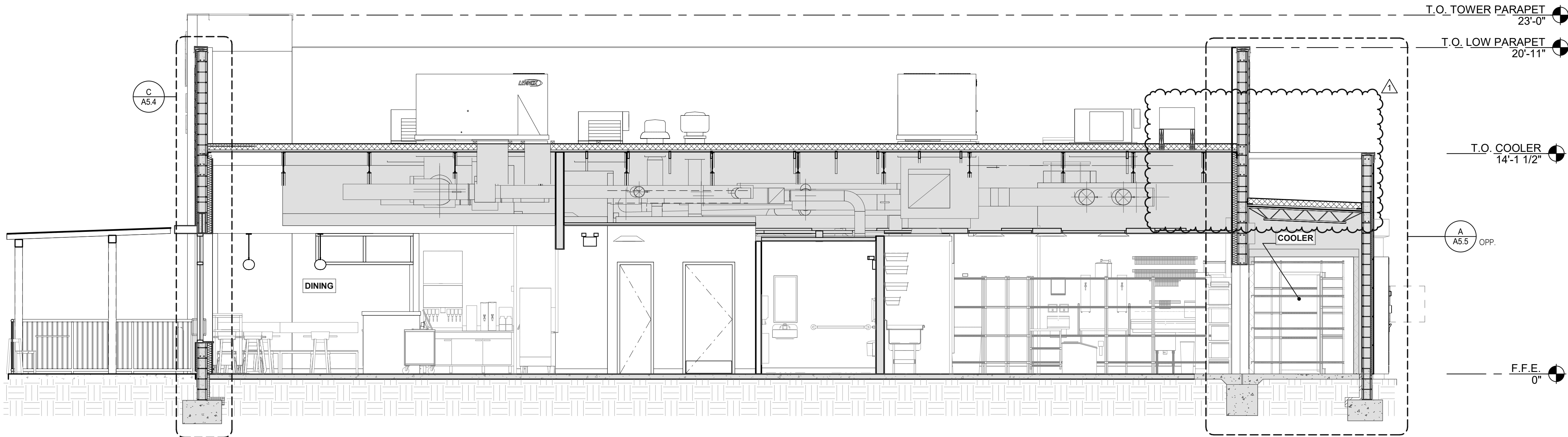
PLOT DATE: 5/19/2022 11:25:28 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



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



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

DATE	REMARKS
03.02.22	Issued for Permit
05.11.22	Building Comments
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
BUILDING
SECTIONS

A5.0

PLOT DATE: 5/19/2022 11:26:11 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

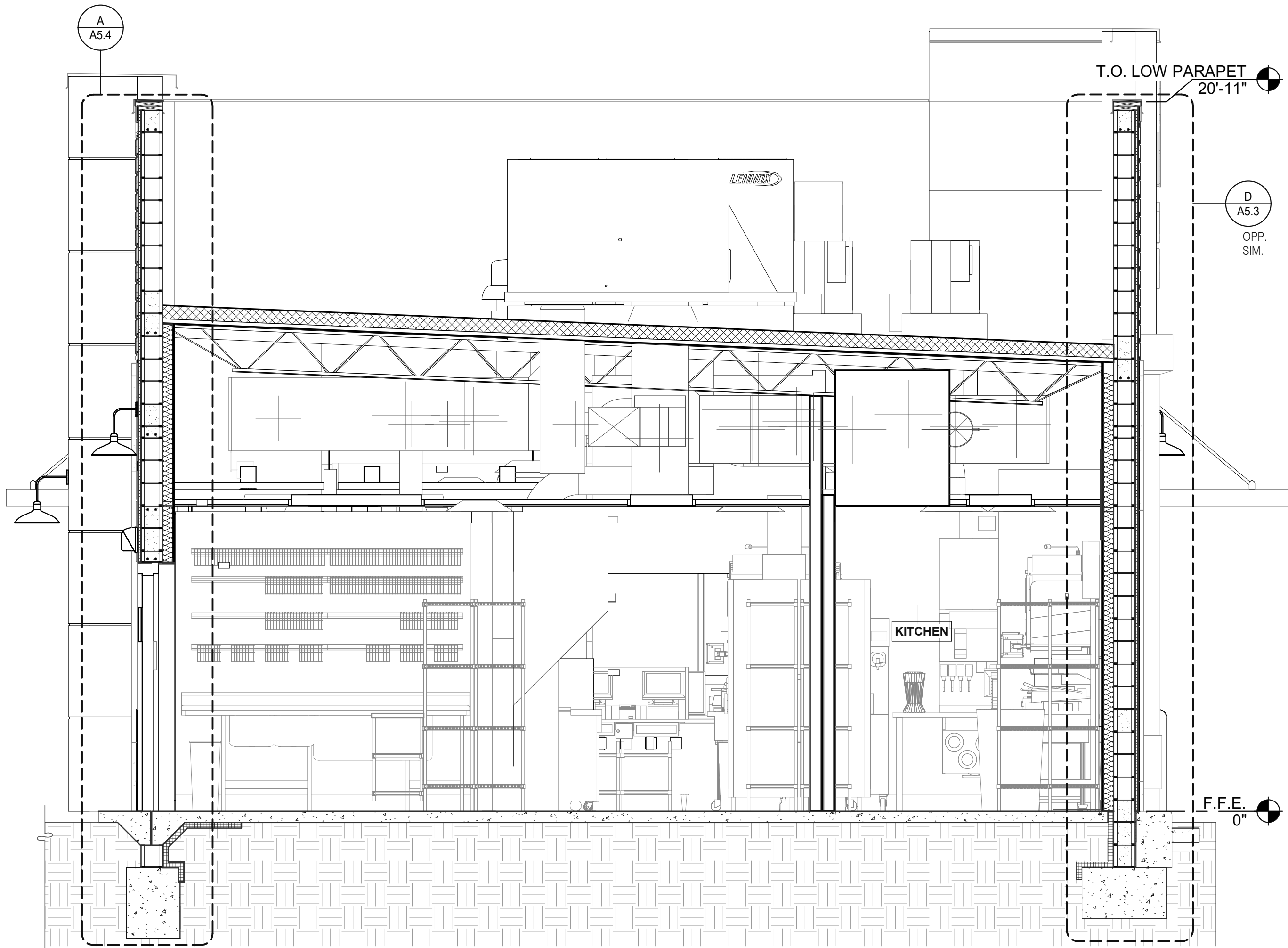
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
BUILDING
SECTIONS

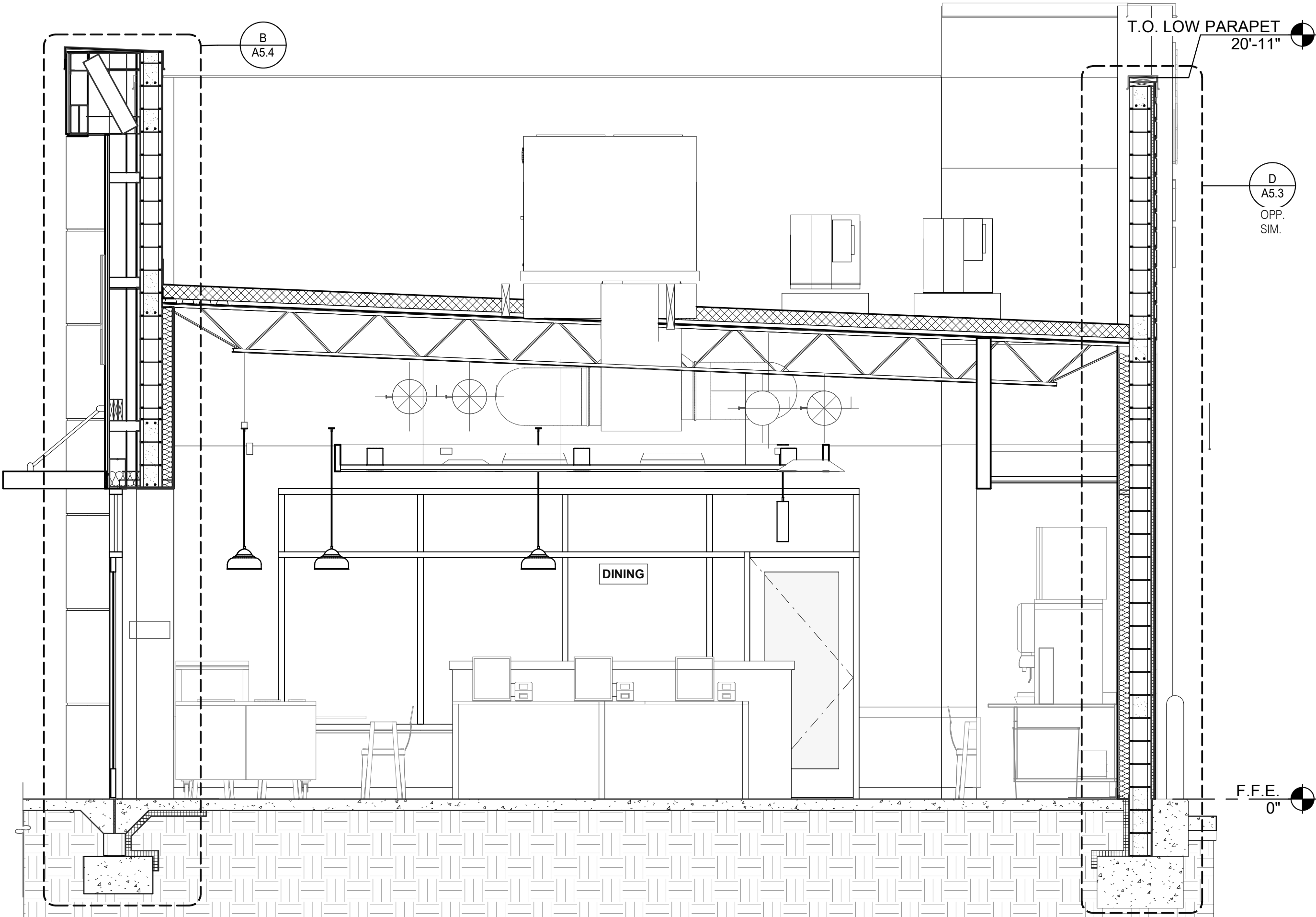
A5.1

PLOT DATE: 5/19/2022 11:26:30 AM



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

D



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

B

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

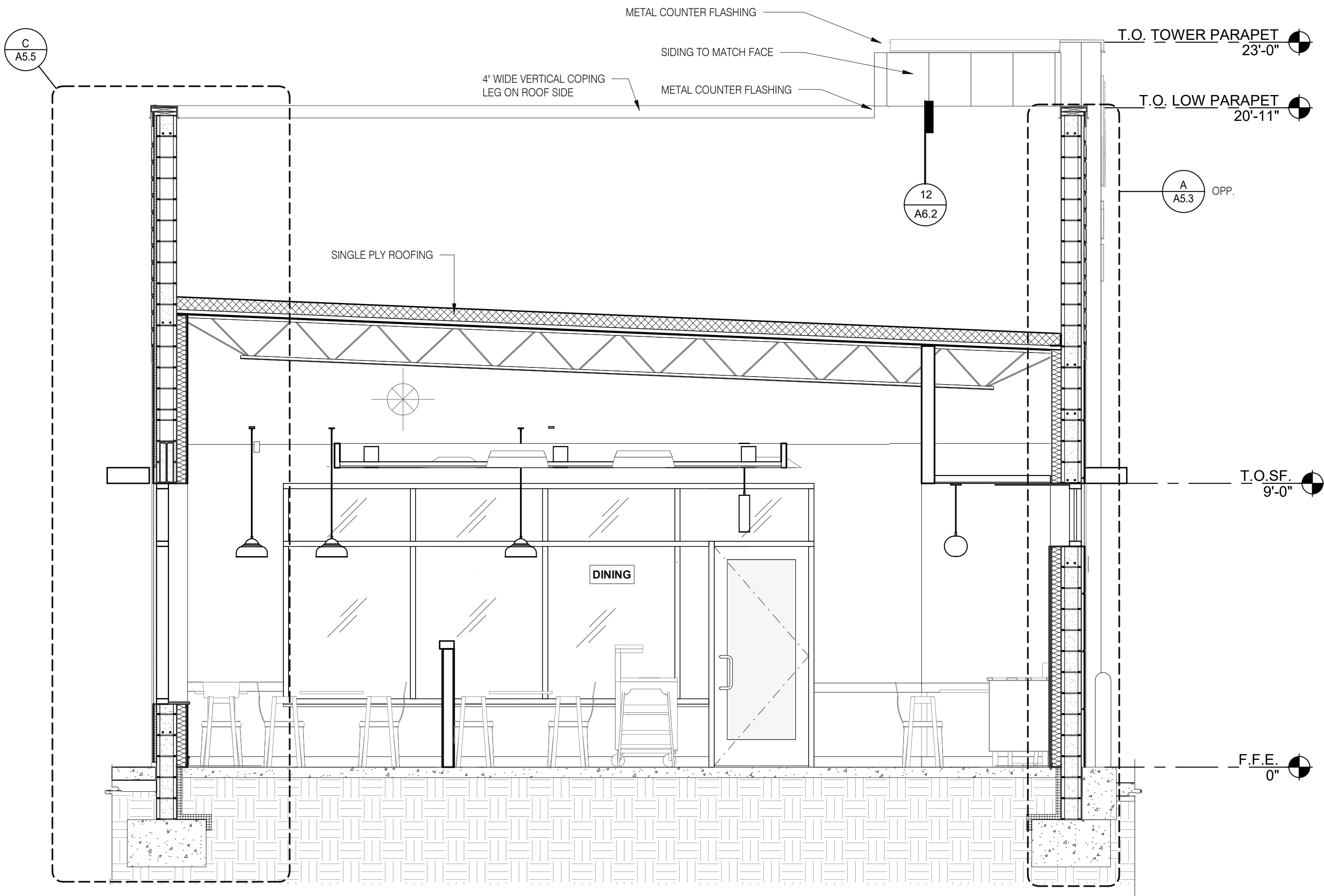
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
BUILDING
SECTIONS

A5.2

PLOT DATE: 5/19/2022 11:26:31 AM



Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

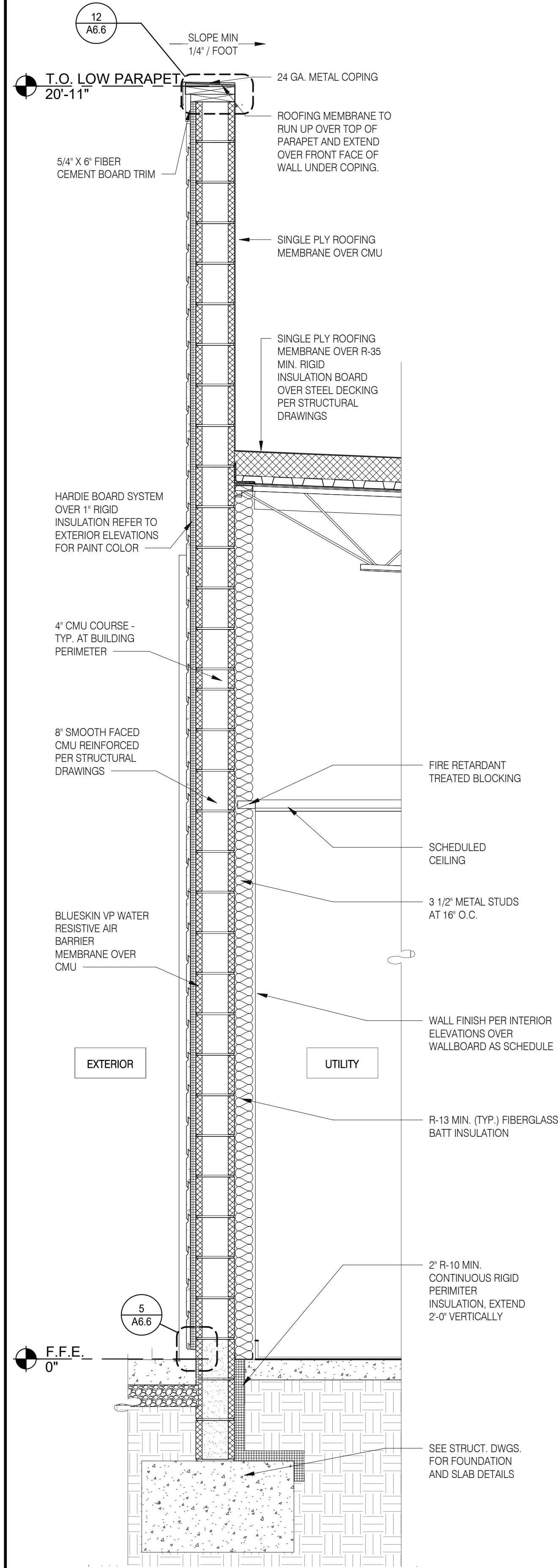
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



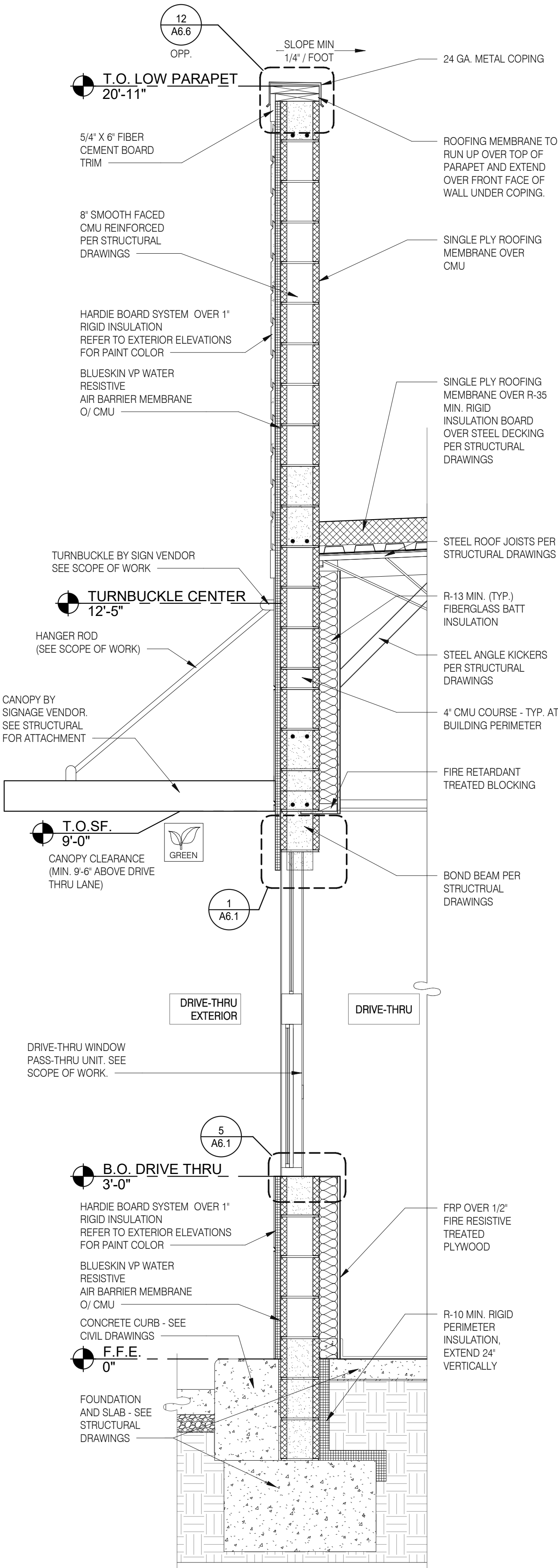
ENDEAVOR 2.0
WALL
SECTIONS

A5.3

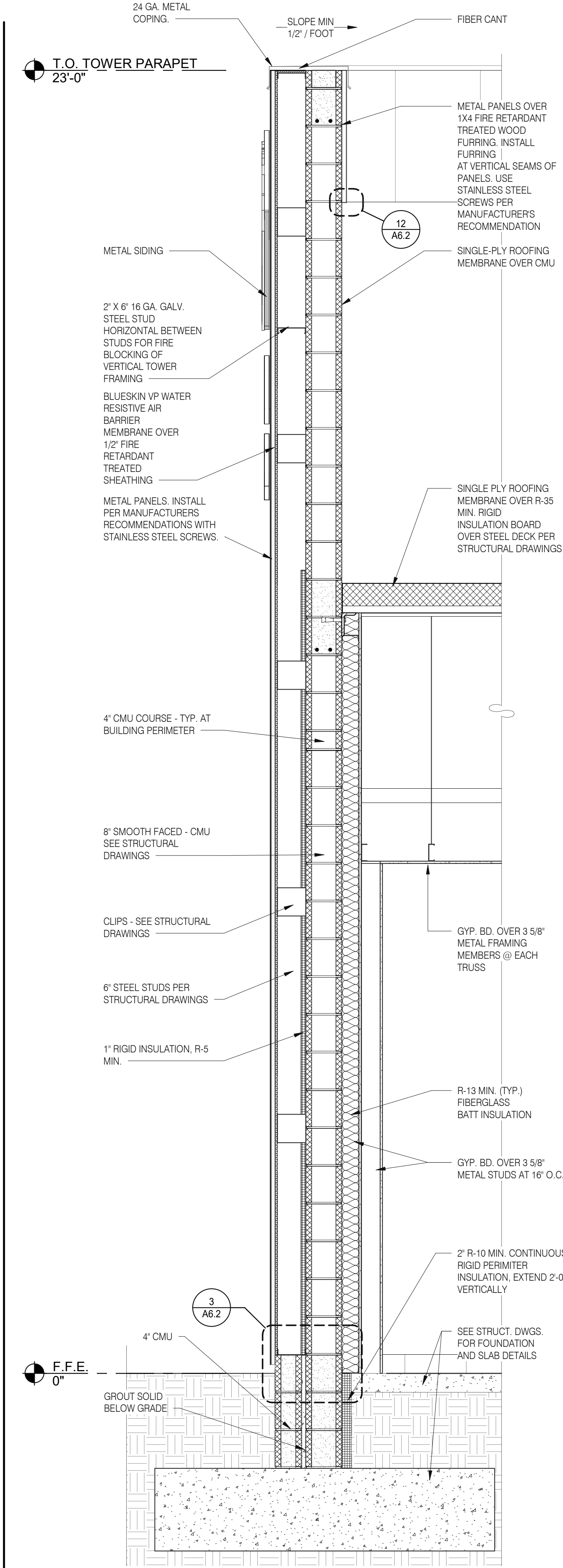
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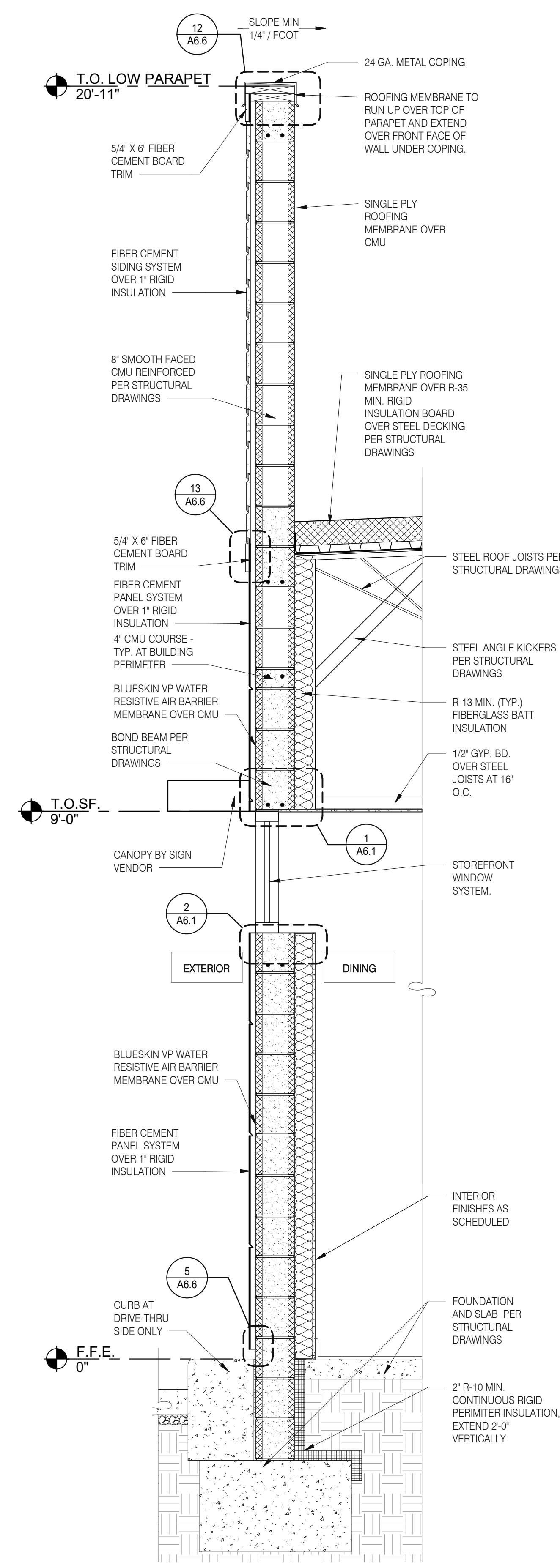
TYPICAL WALL SECTION 3/4" = 1'-0" D



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

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

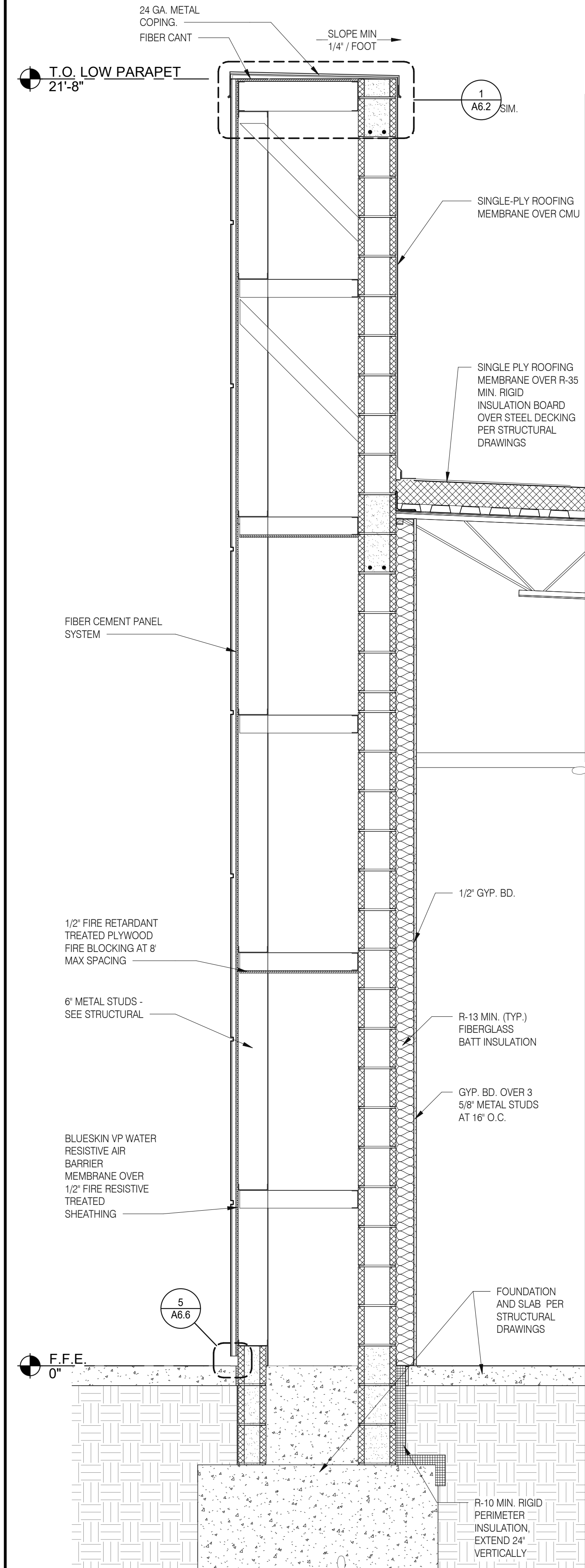
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



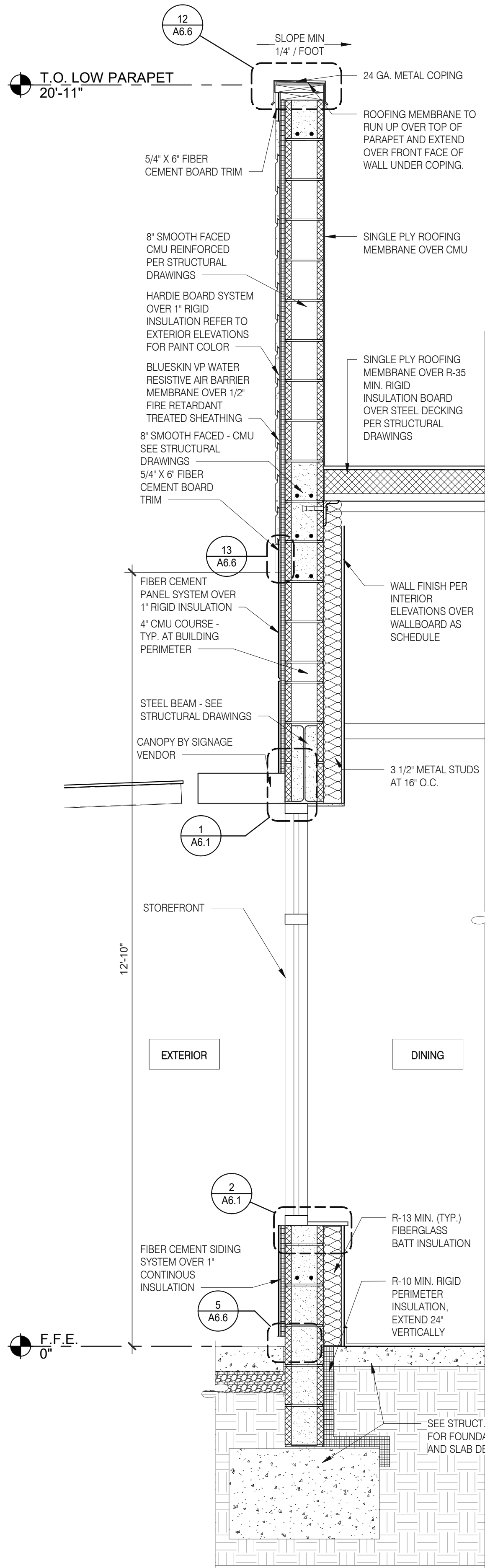
ENDEAVOR 2.0
WALL
SECTIONS

A5.4

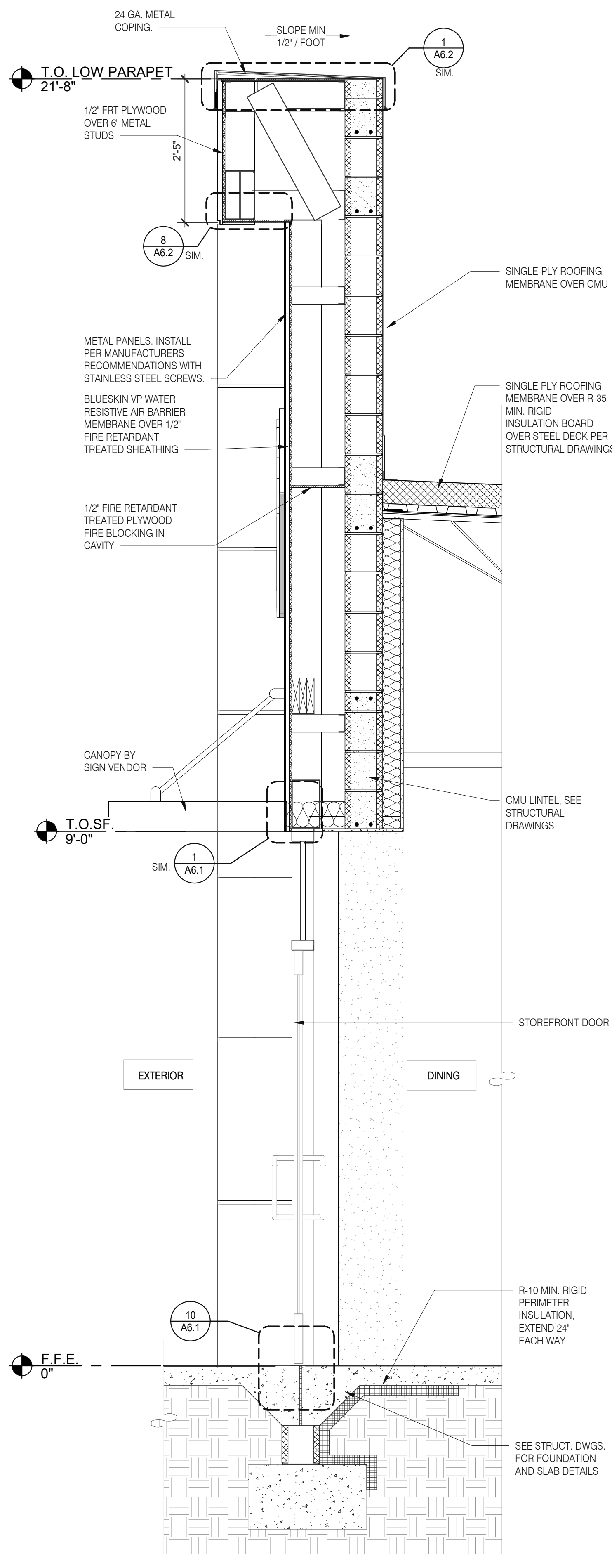
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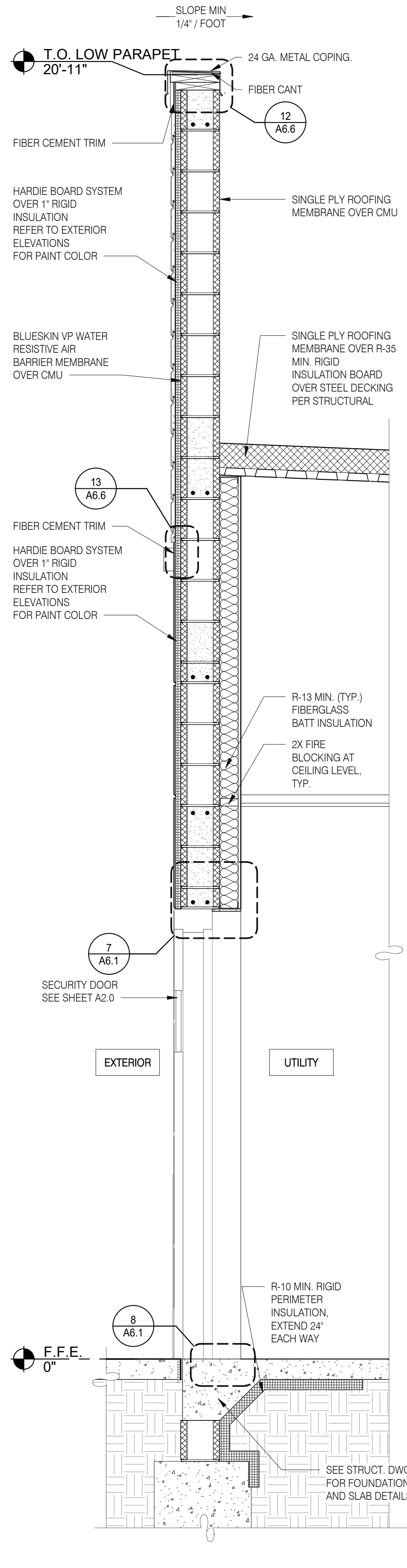
FRONT WALL SECTION 3/4" = 1'-0" D



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



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



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

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

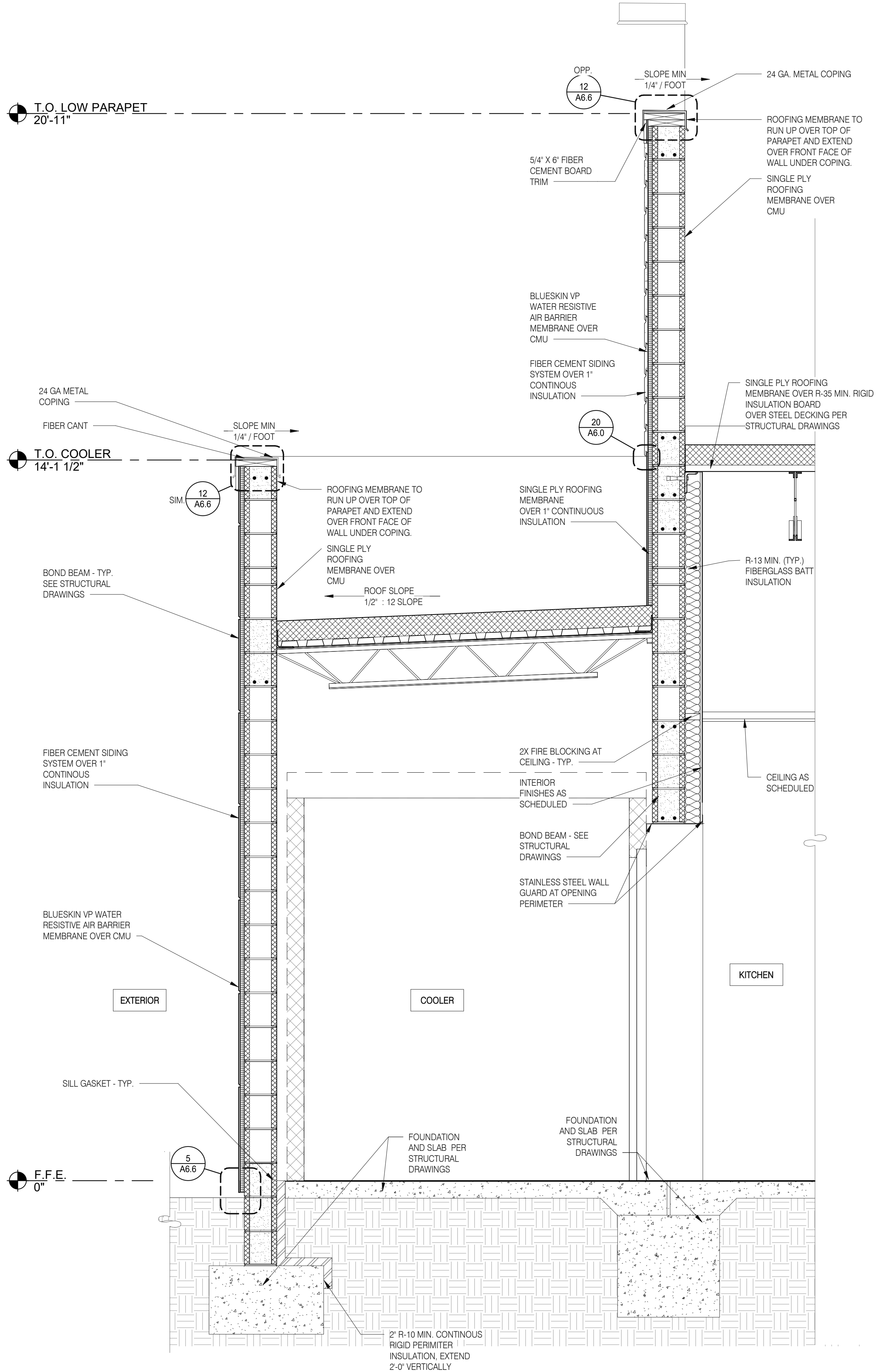
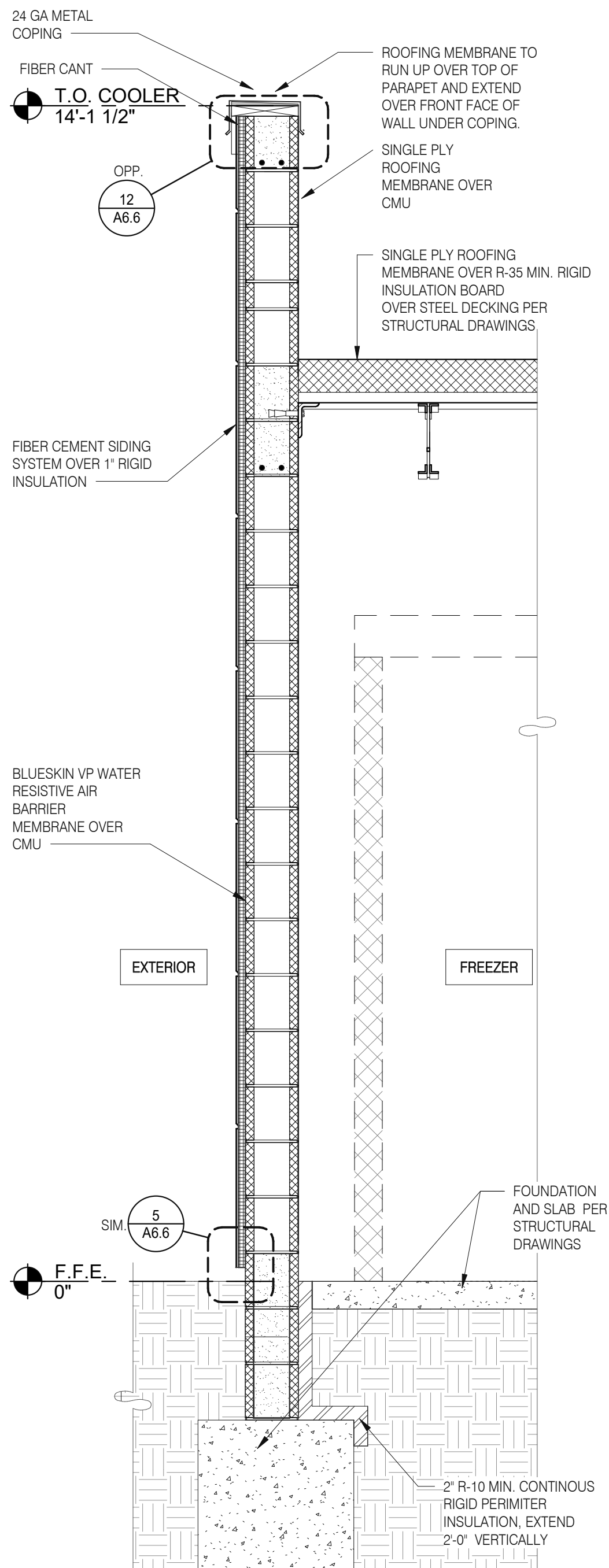
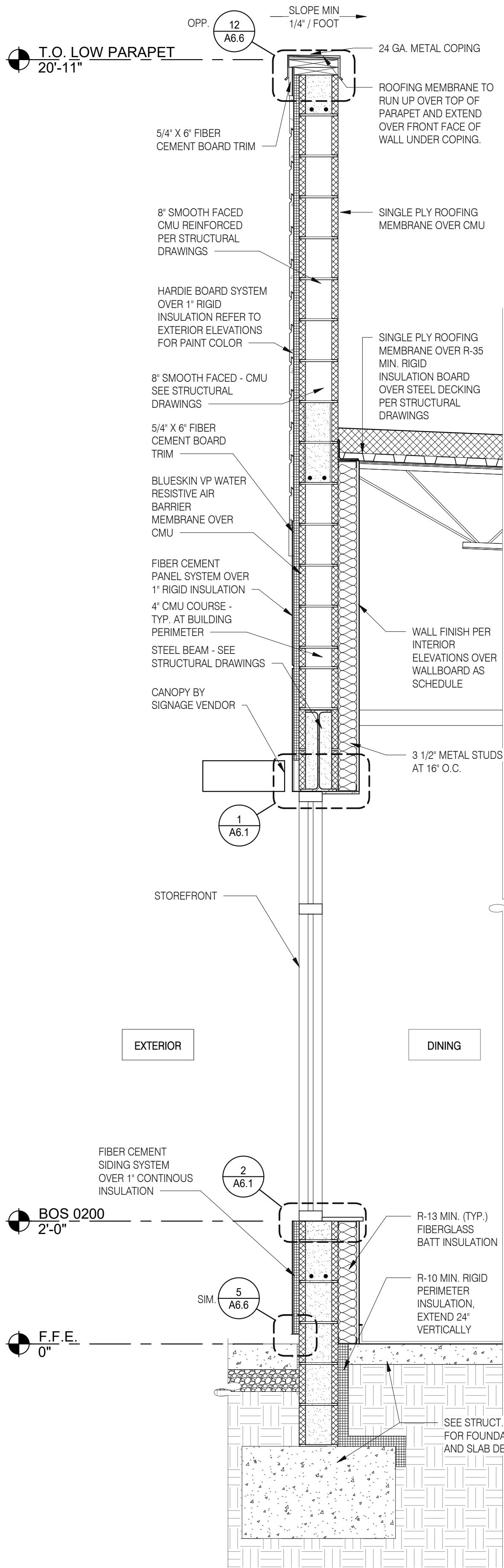
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

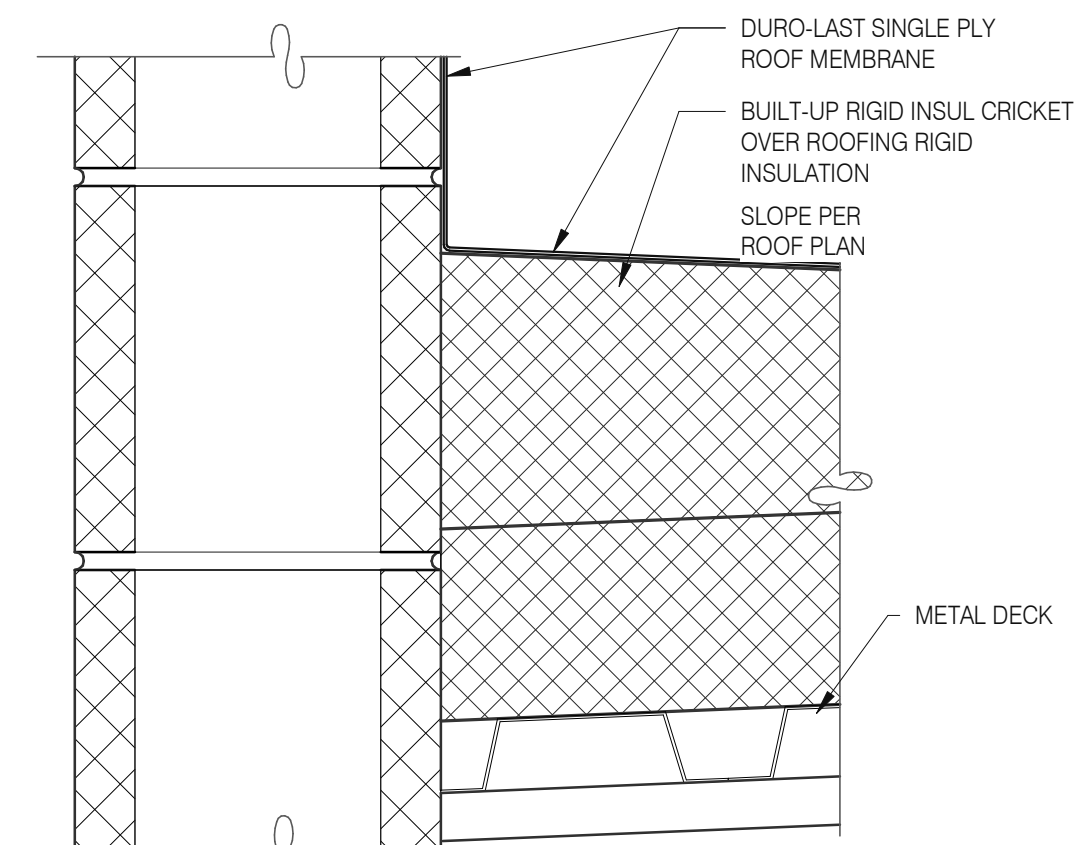


ENDEAVOR 2.0
WALL
SECTIONS

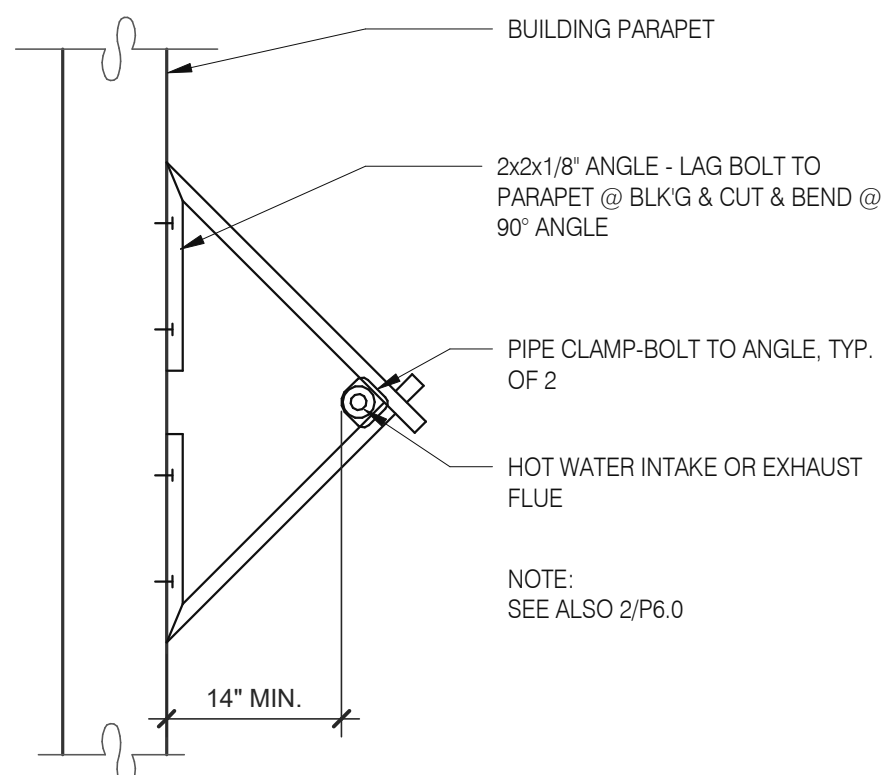
A5.5

PLOT DATE: 5/19/2022 11:26:38 AM

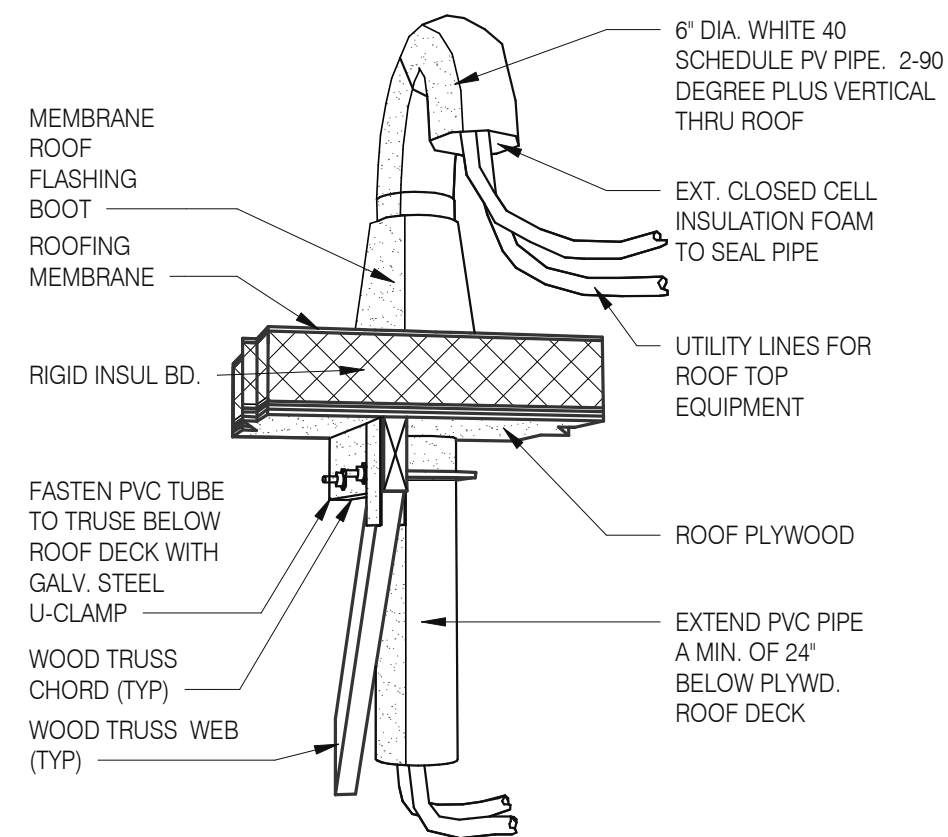




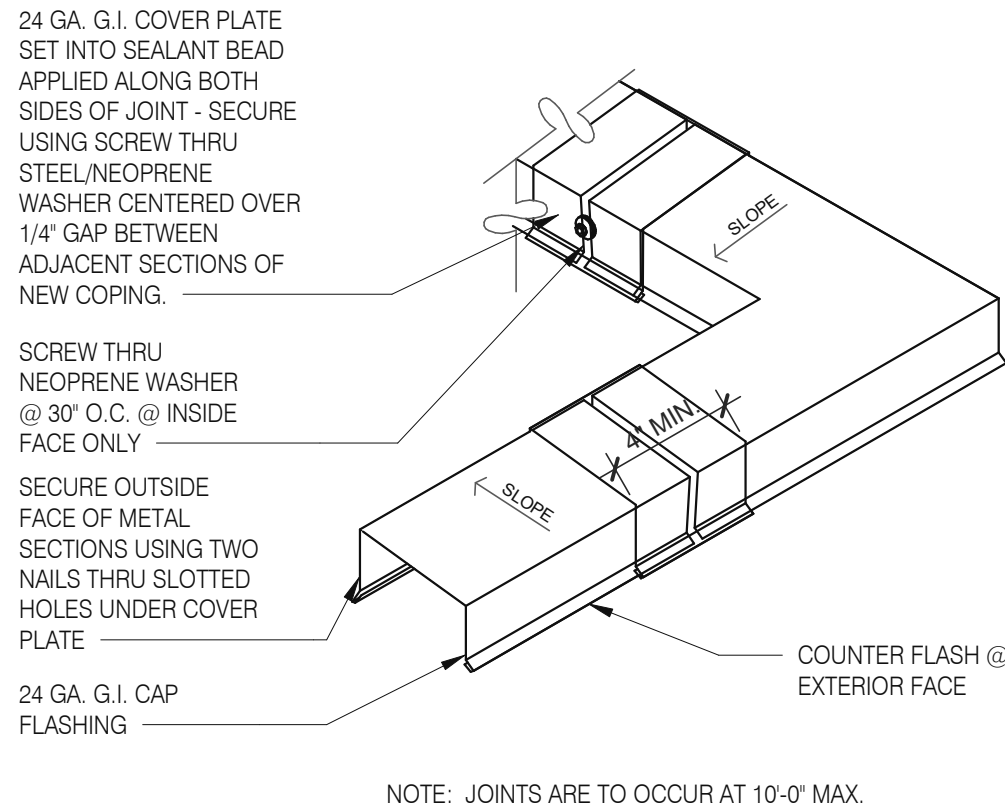
CRICKET	3" = 1'-0"	16
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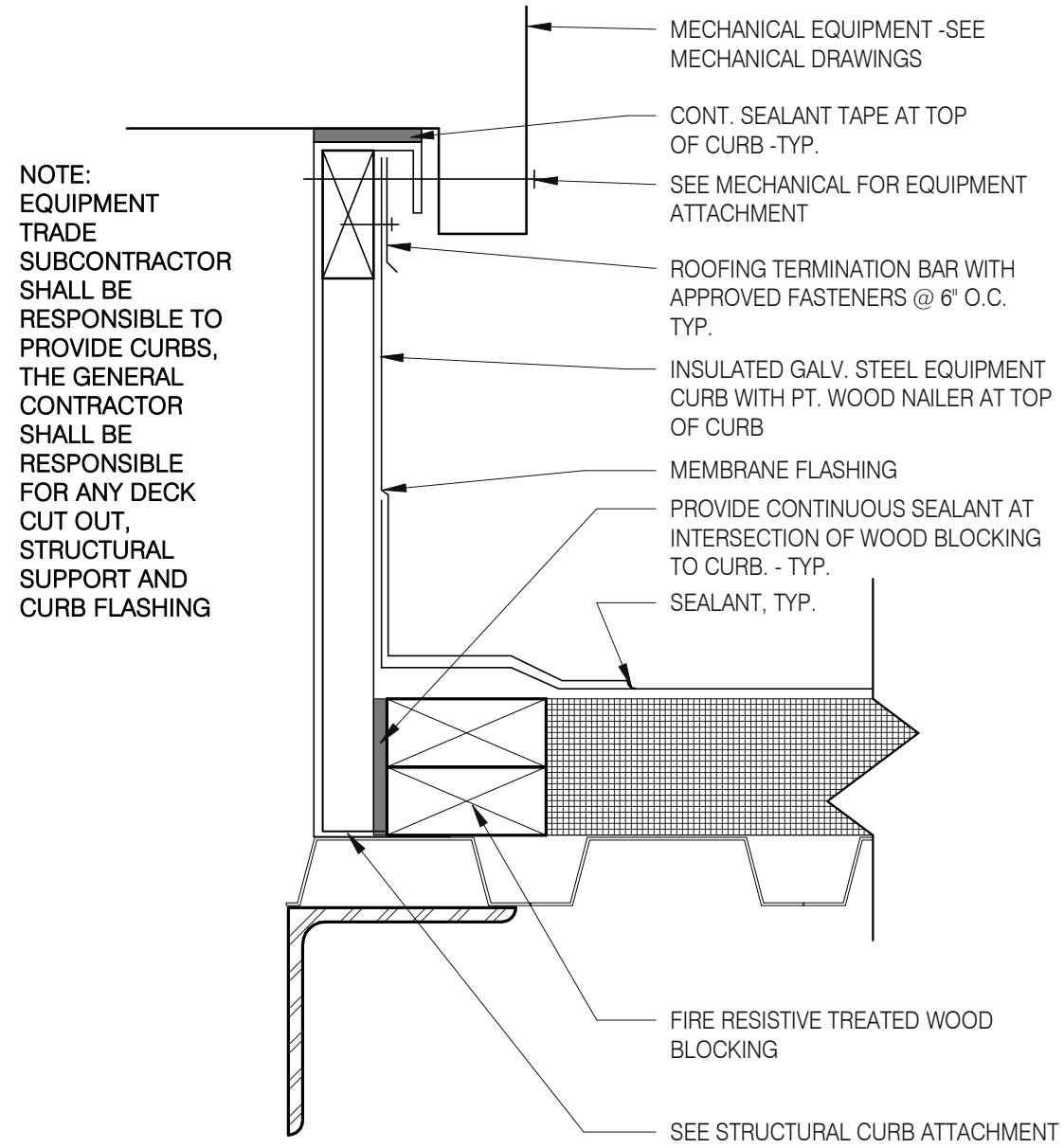
W.H. FLU / INTAKEN PIPE SUPPORT 3" = 1'-0" 13



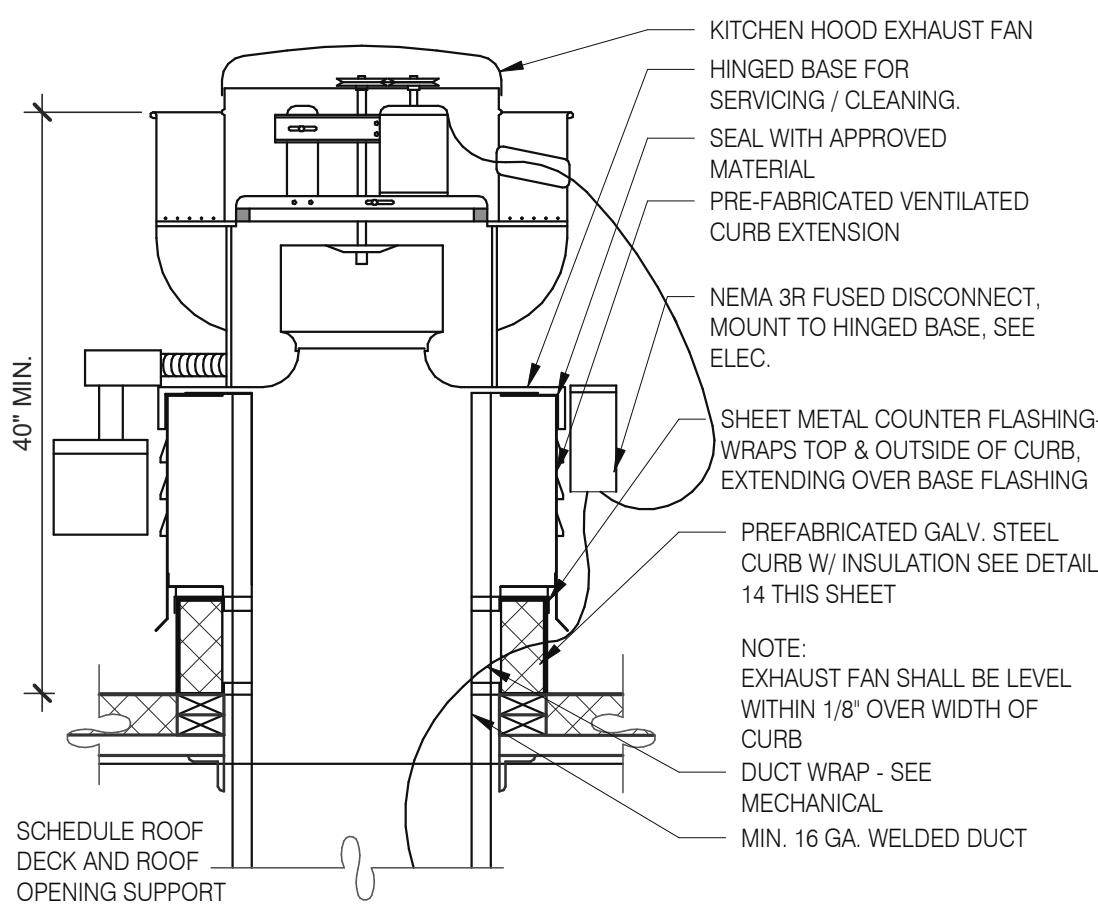
PIPE HOOD	N.T.S.	9
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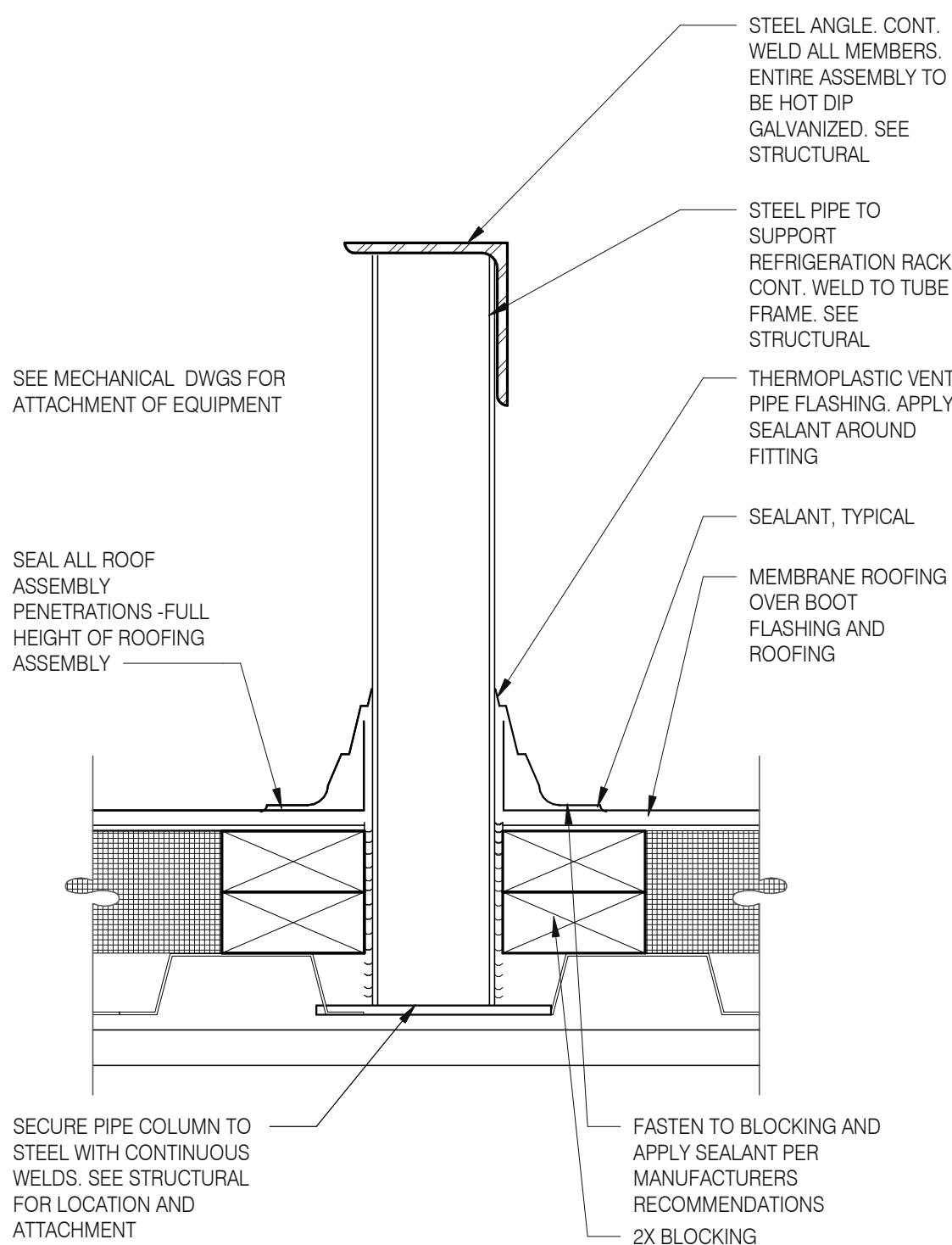
COPING JOINT	N.T.S.	5
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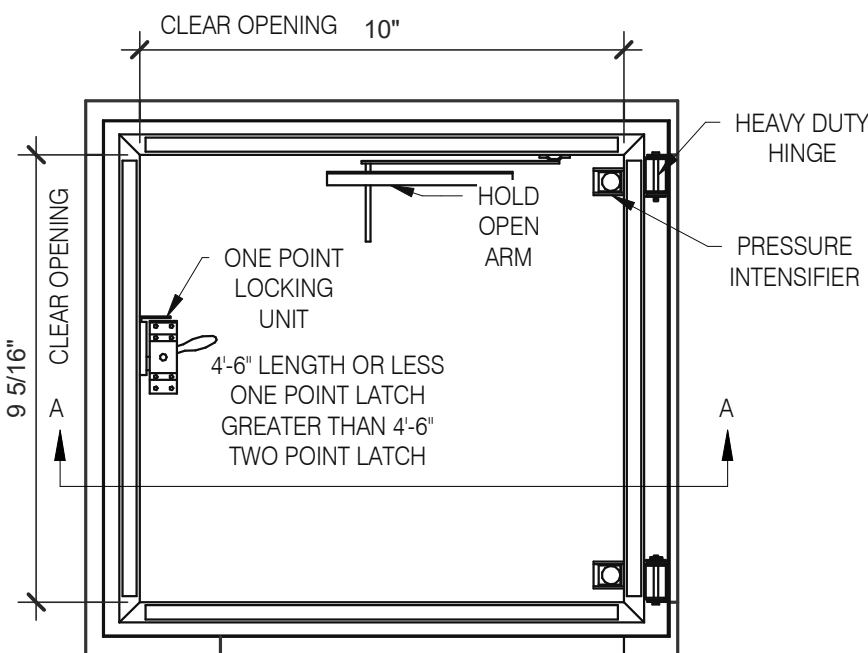
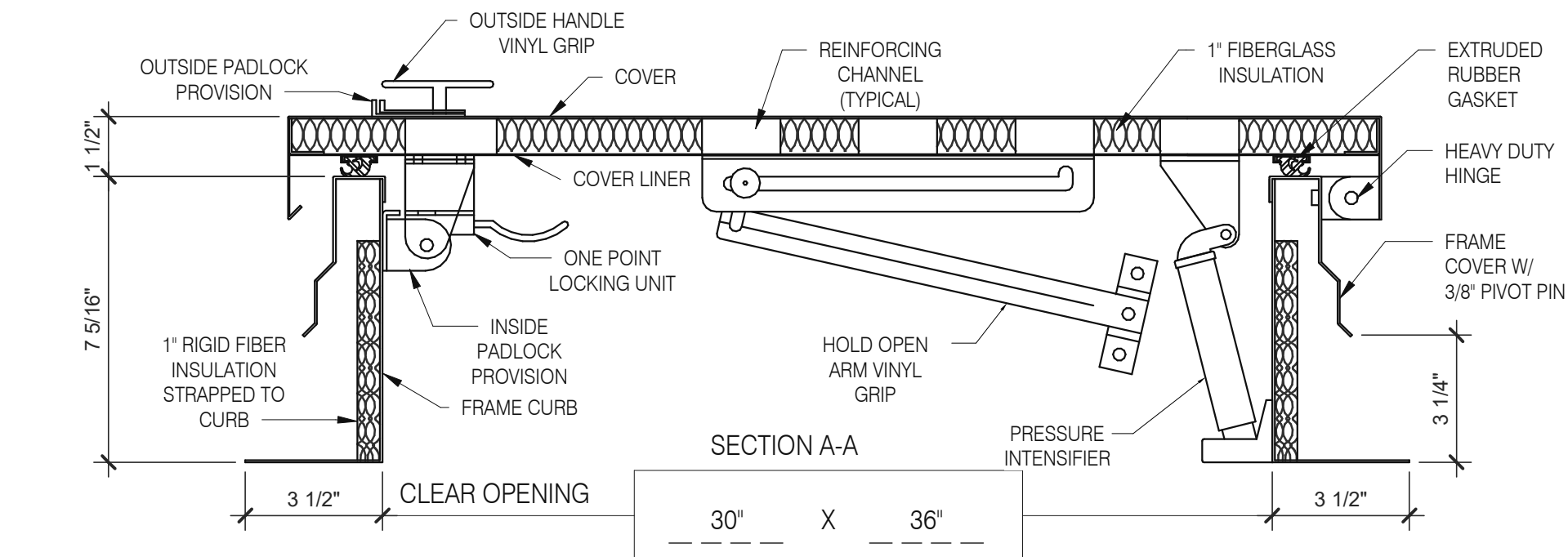
HVAC CURB	3" = 1'-0"	14
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EXHAUST FAN CURB	3" = 1'-0"	19
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EQUIPMENT PLATFORM SUPPORT	3" = 1'-0"	15
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HATCH MATERIAL:

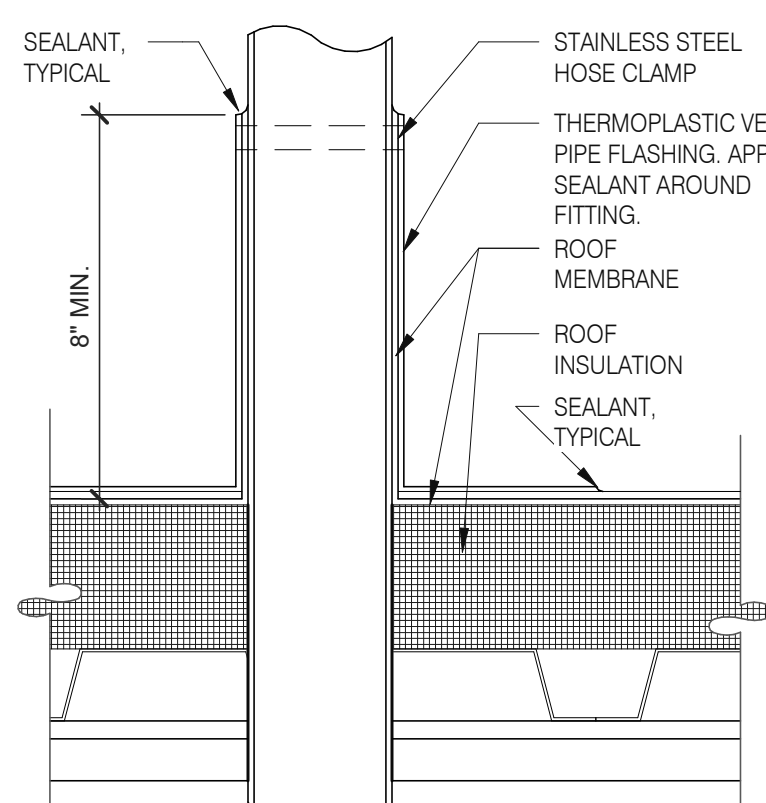
GALVANIZED STEEL (PRIME PAINTED)
COVER - 14 GA. GALV STEEL
FRAME COVER - 14 GA. GALV STEEL
FRAME CURB - 14 GA. GALV STEEL
COVER LINER - 22 GA. GALV STEEL

HATCH FINISH:
GALV - PRIME PAINTED

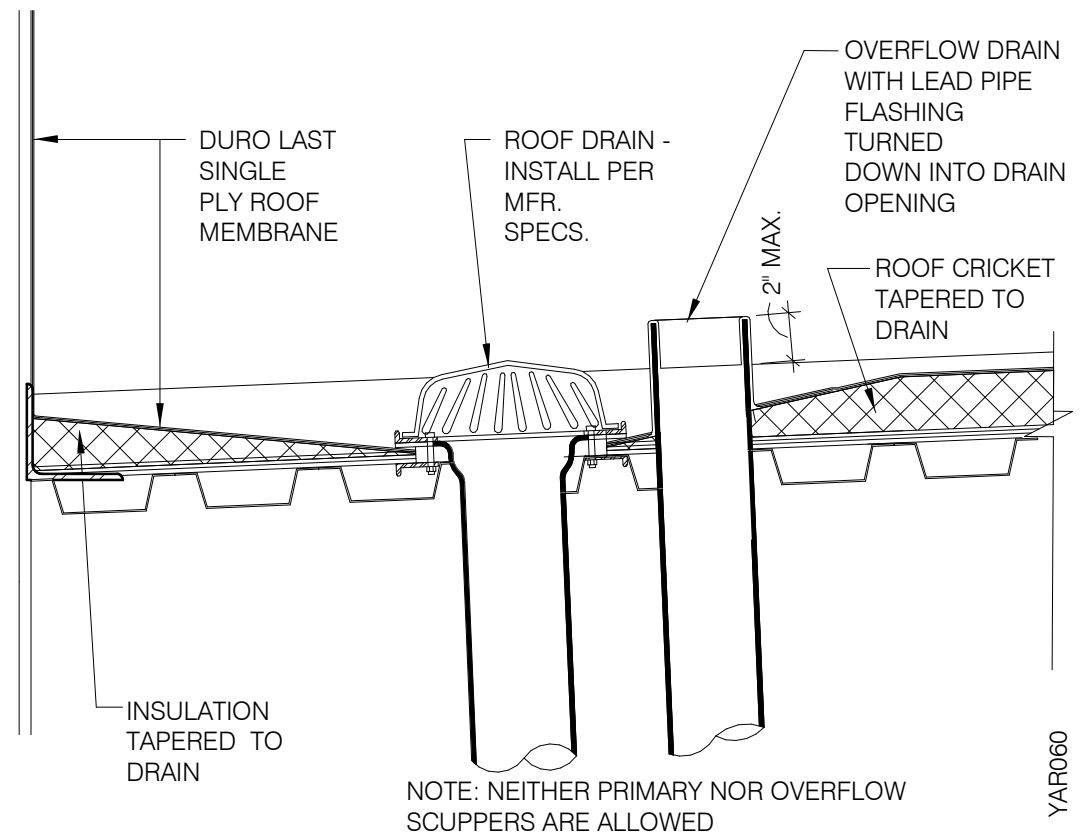
MANUFACTURER:
PRECISION LADDERS, LLC OR EQUAL

NOTES:

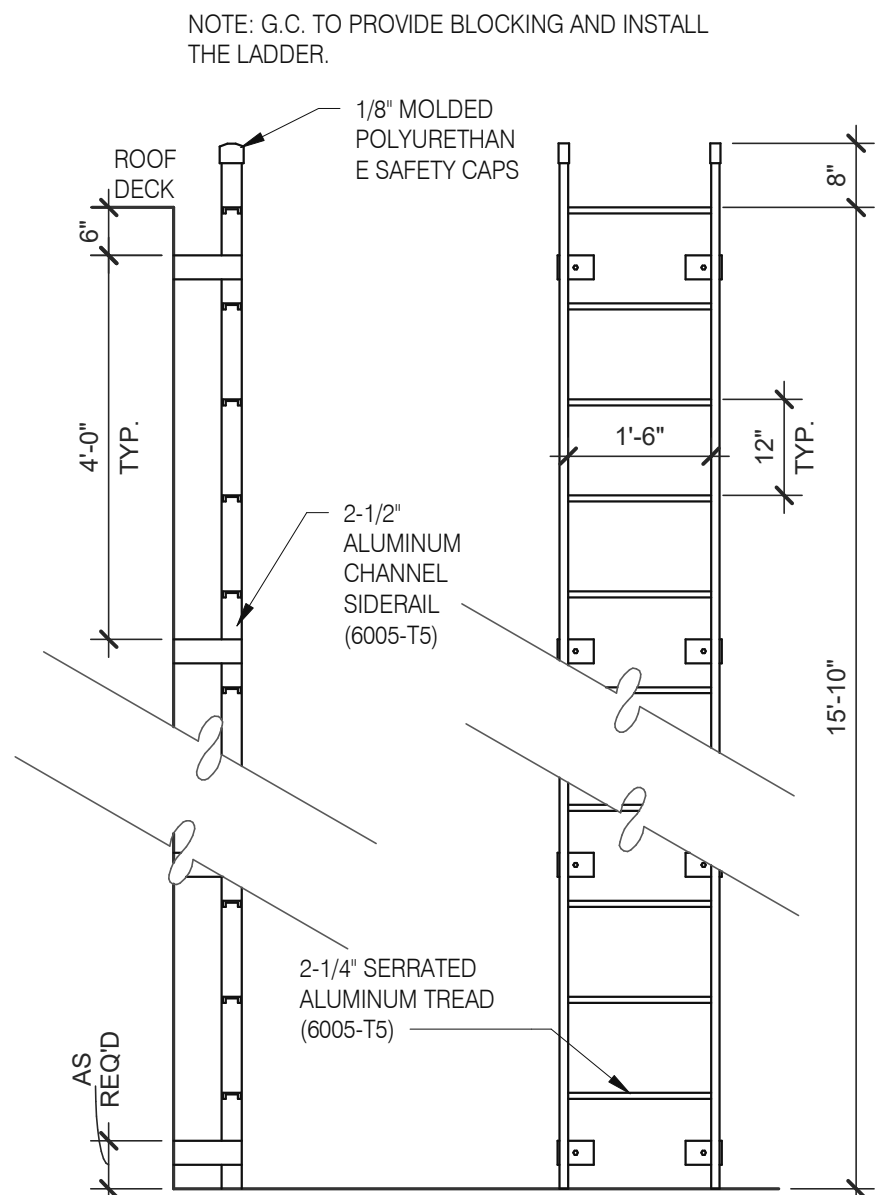
- (1) ALL MOUNTING HARDWARE TO BE SUPPLIED BY OTHERS.
(2) FOR OPERATING EFFICIENCY, HATCH HARDWARE VARIES BY SIZE.
EXAMPLE MODEL#: PH- A/G OPENING SIZE IN FEET-INCHES (PH-G2630)



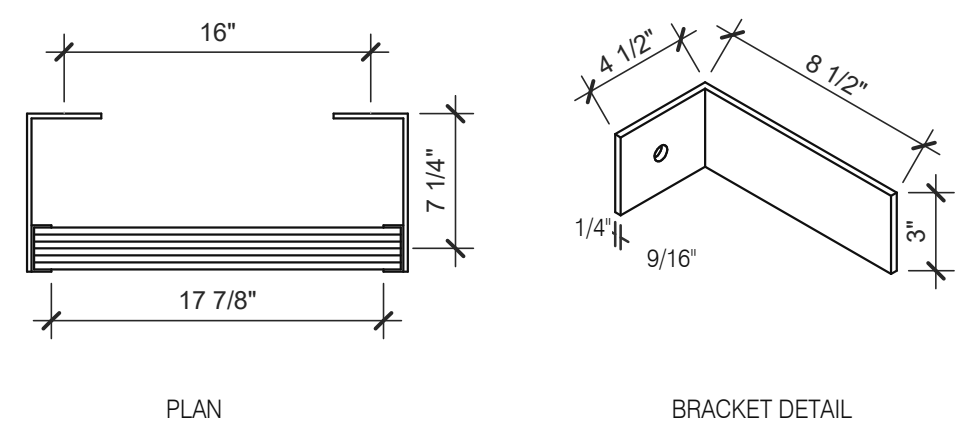
SEALED PIPE FLASHING 3" = 1'-0" **12**



ROOF DRAIN 1 1/2" = 1'-0" **6**



NOTE: G.C. TO PROVIDE BLOCKING AND INSTALL THE LADDER.



ROOF LADDER	N.T.S.	4
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	DATE	REMARKS
	03.02.22	Issued for Permit
	05.13.22	NTP
	05.19.22	Issued for Bid

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	314877
STORE NUMBER:	455564
PA/PM:	JG
DRAWN BY.:	MS
JOB NO.:	2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



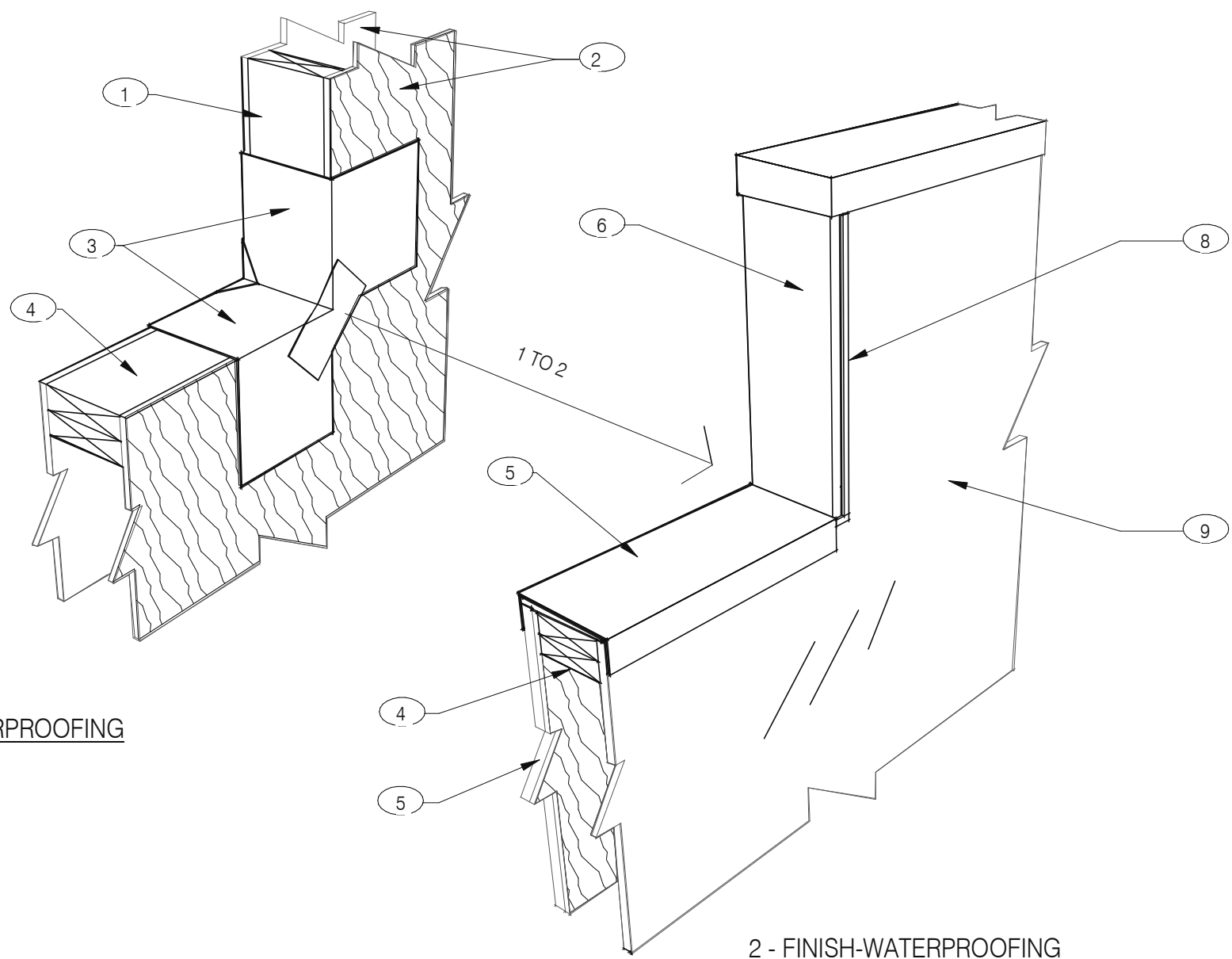
ENDEAVOR 2.0
**CONSTRUCTION
DETAILS ROOF**

A6.0

PLOT DATE: 5/19/2022 11:26:42 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

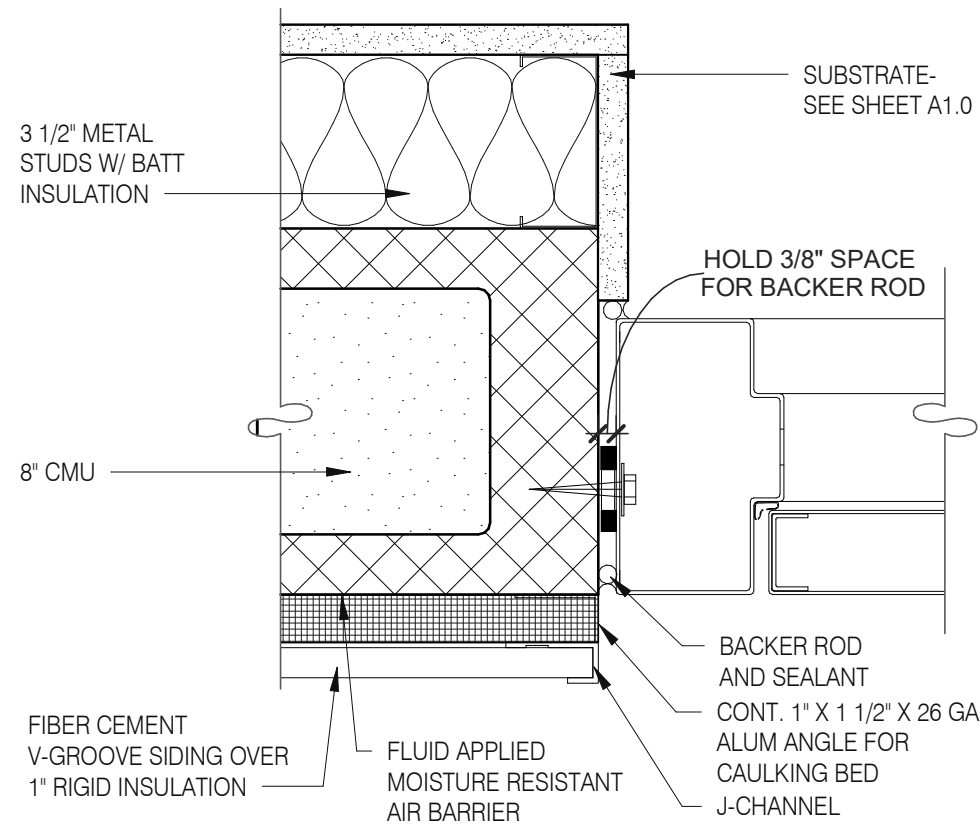


NOTES

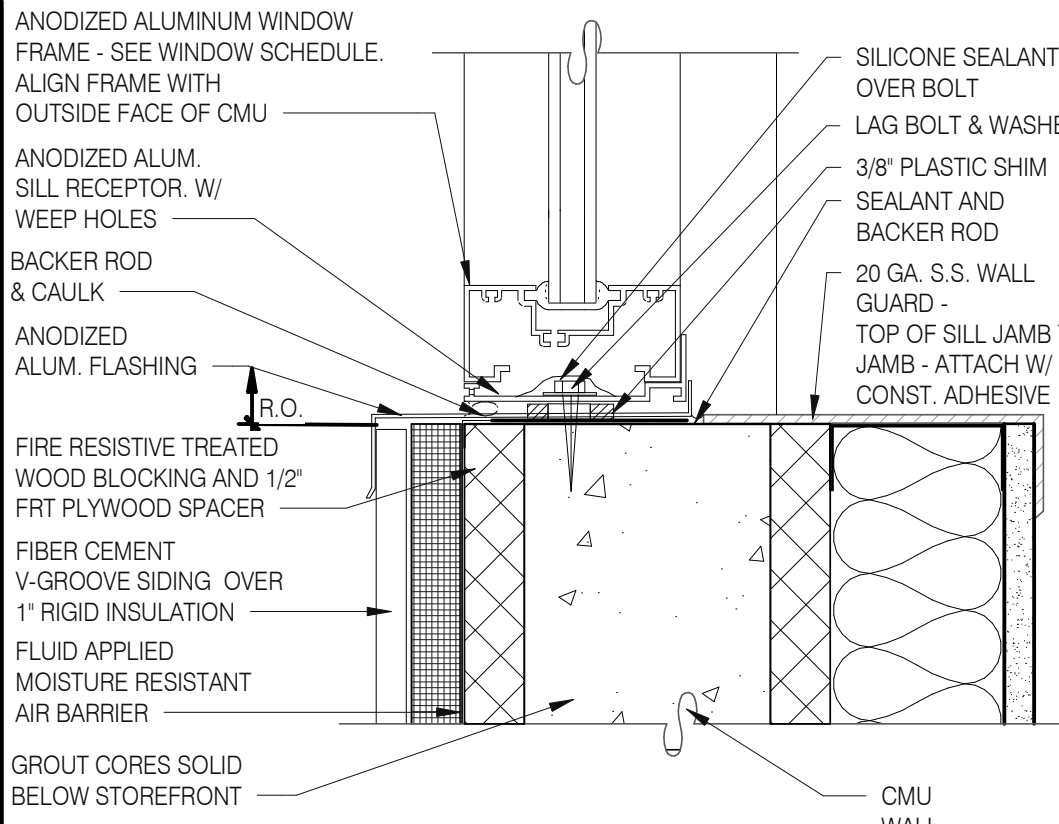
- 2X WOOD STUDS
- PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- DOUBLE 2X TOP PLATE
- PAINTED 24 GAUGE PARAPET COPING. SLOPE 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.
- WRAP EXTERIOR FINISH MATERIAL ONTO VERTICAL FACE OF PARAPET TRANSITION, SEE EXTERIOR ELEVATIONS.
- EXTERIOR FINISH MATERIAL AS NOTED ON EXTERIOR ELEVATIONS ON SHEET A4.0
- 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.
- PVC ROOFING MEMBRANE ON BACKSIDE OF PARAPET.

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

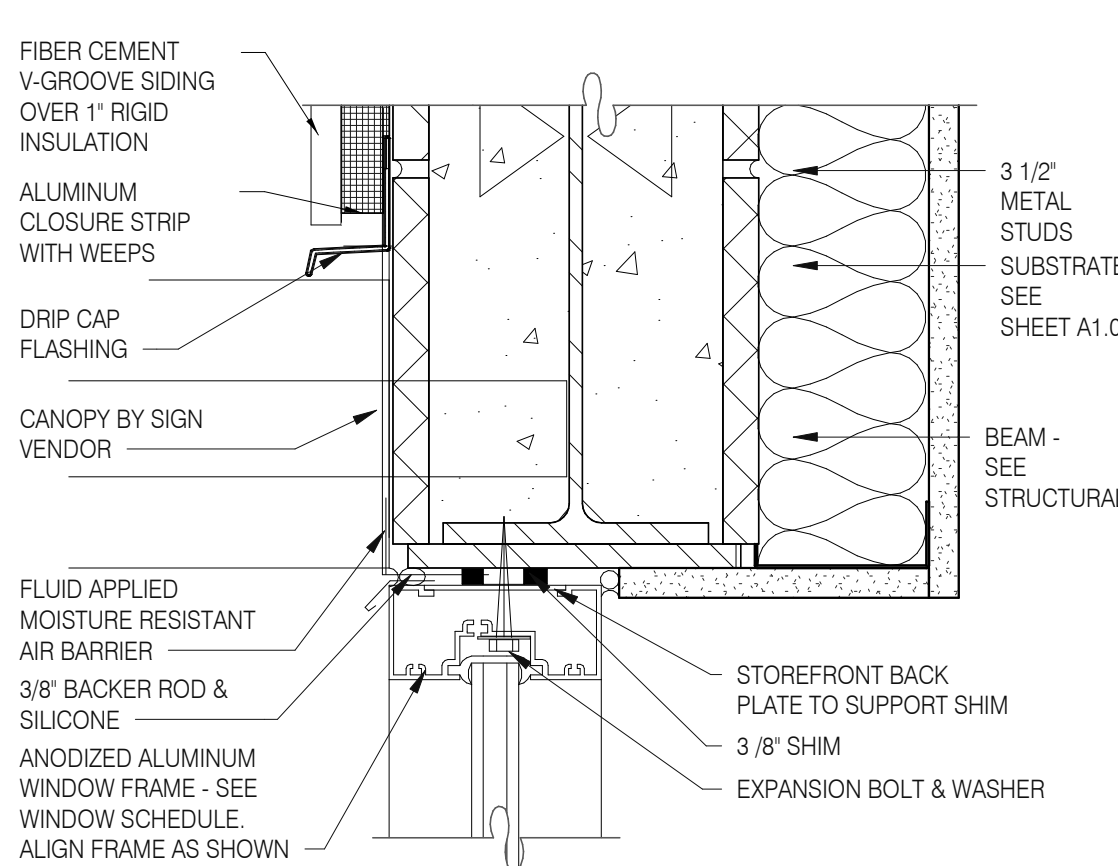
PARAPET CAP & TRANSITION 1" = 1'-0" 13



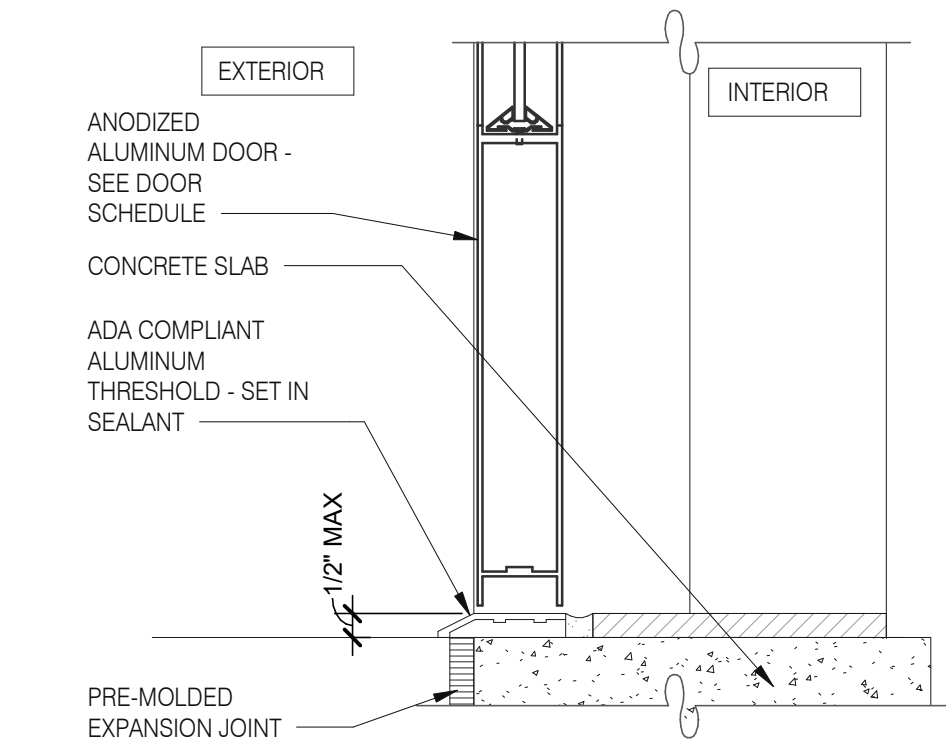
JAMB SERVICE DOOR 3" = 1'-0" 9



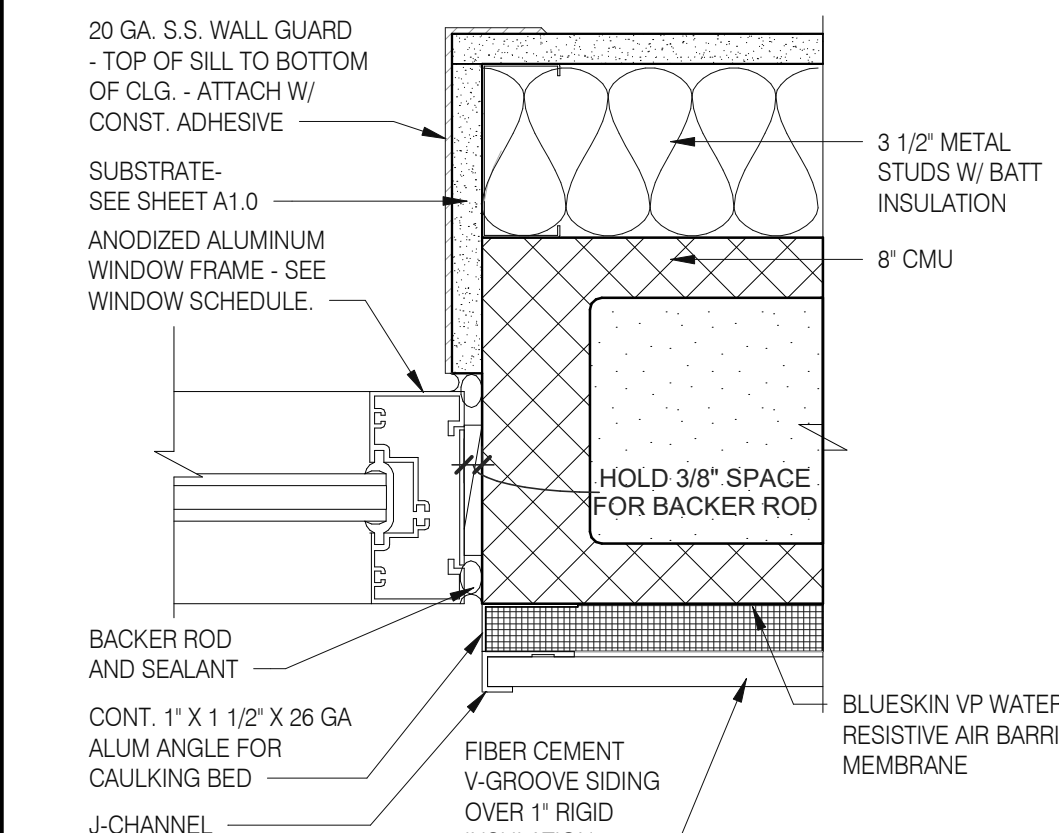
WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5



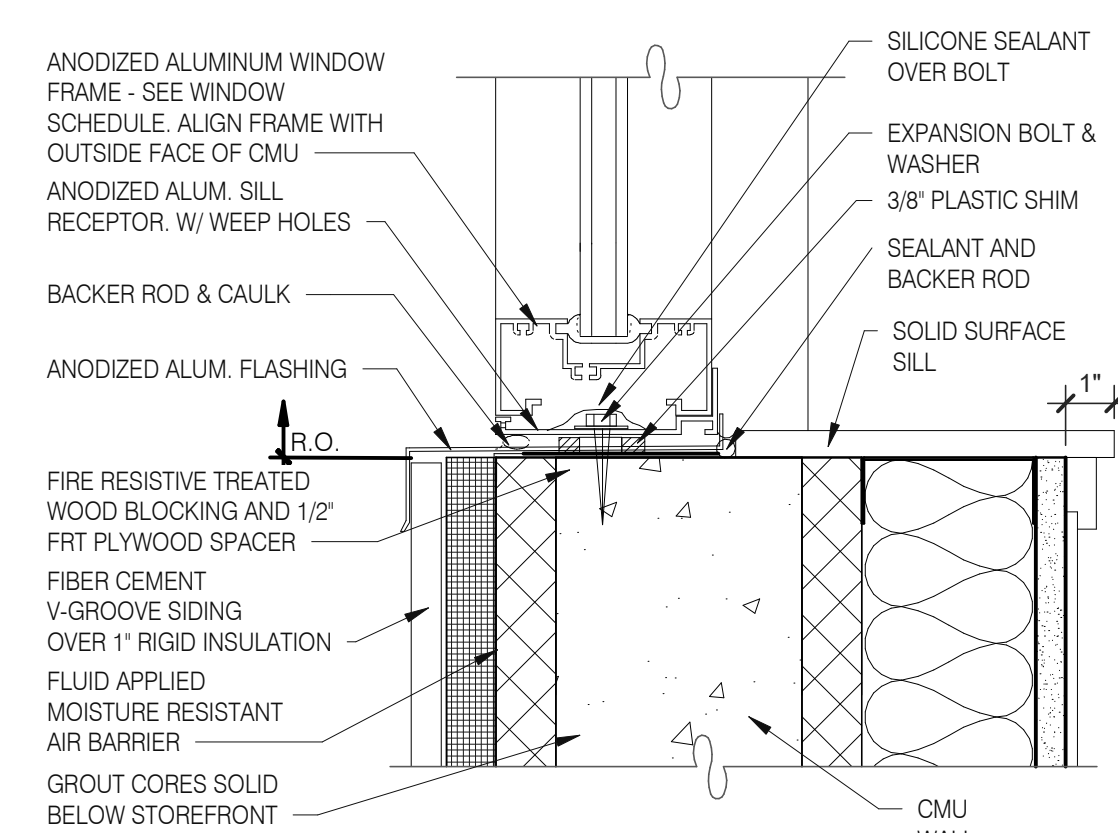
TYPICAL WINDOW HEAD W/ CANOPY 3" = 1'-0" 1



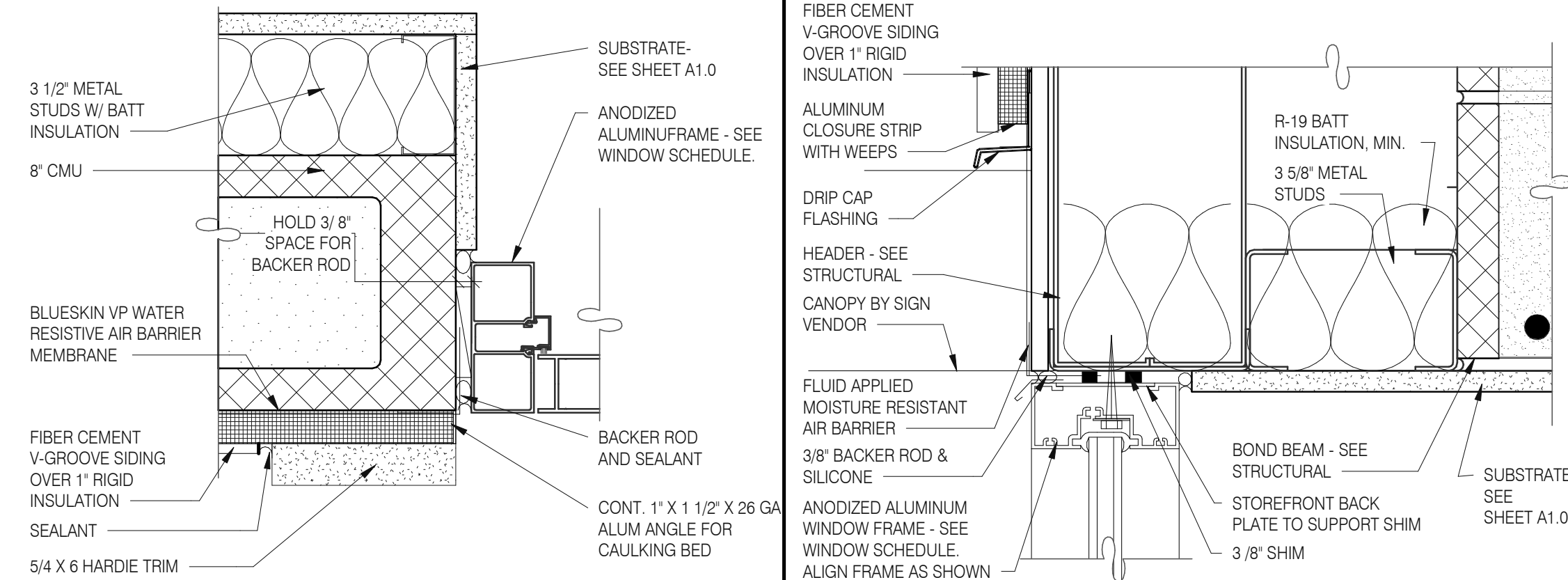
STOREFRONT DOOR SILL 3" = 1'-0" 10



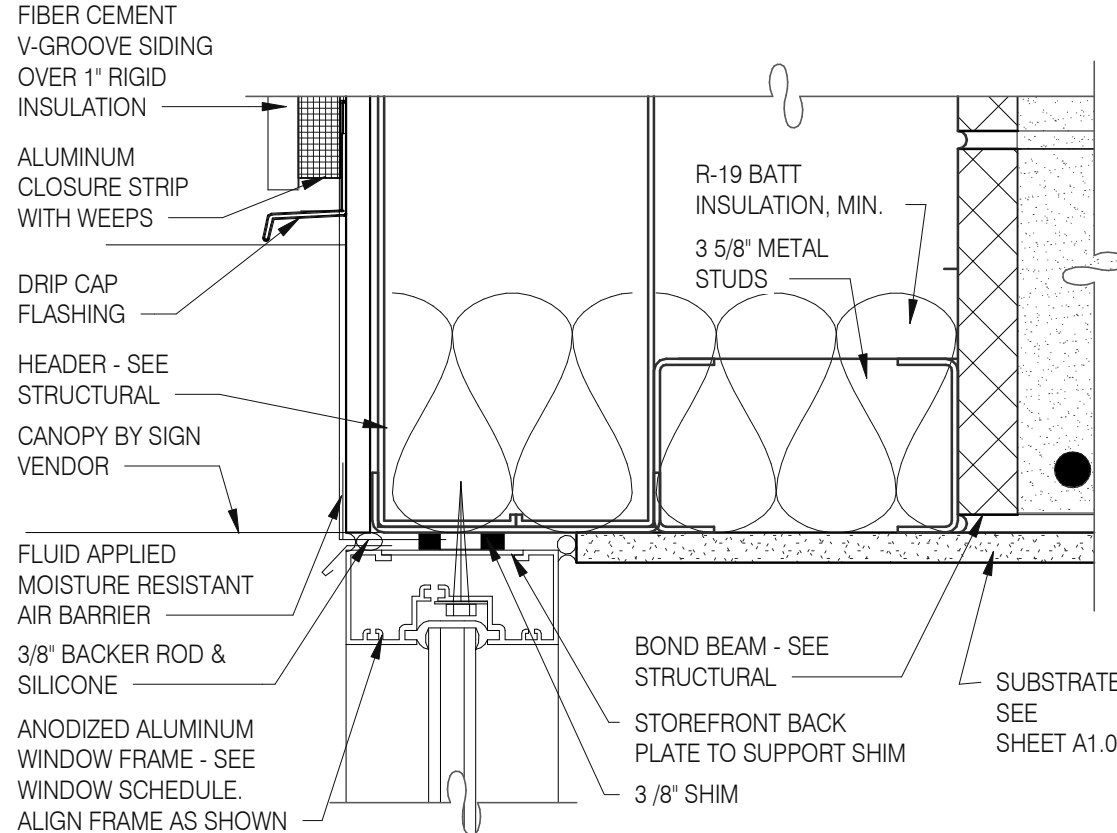
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6



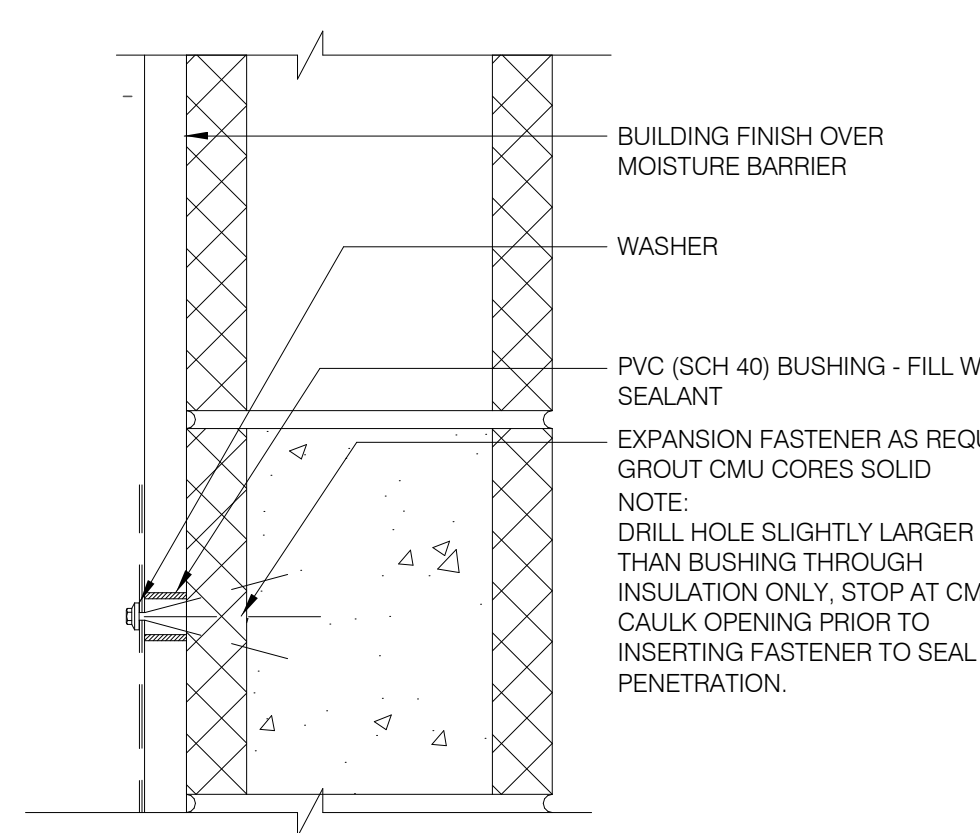
TYPICAL WINDOW SILL 3" = 1'-0" 2



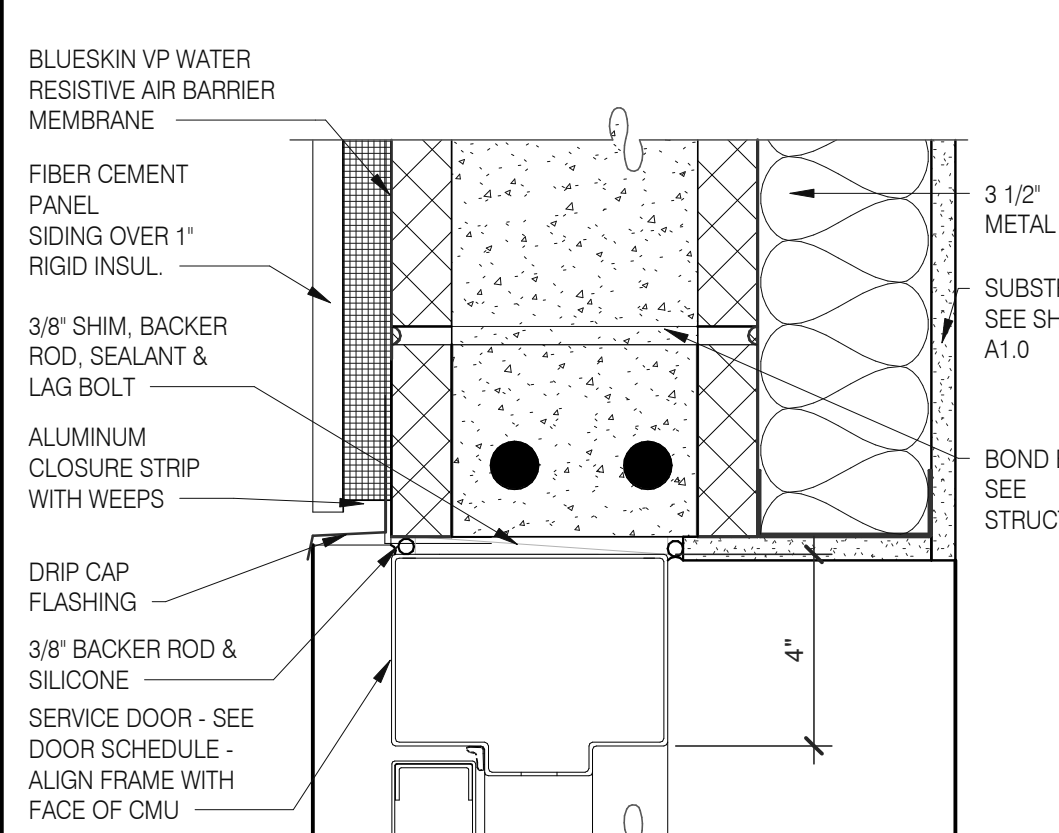
DOOR JAMB 3" = 1'-0" 16



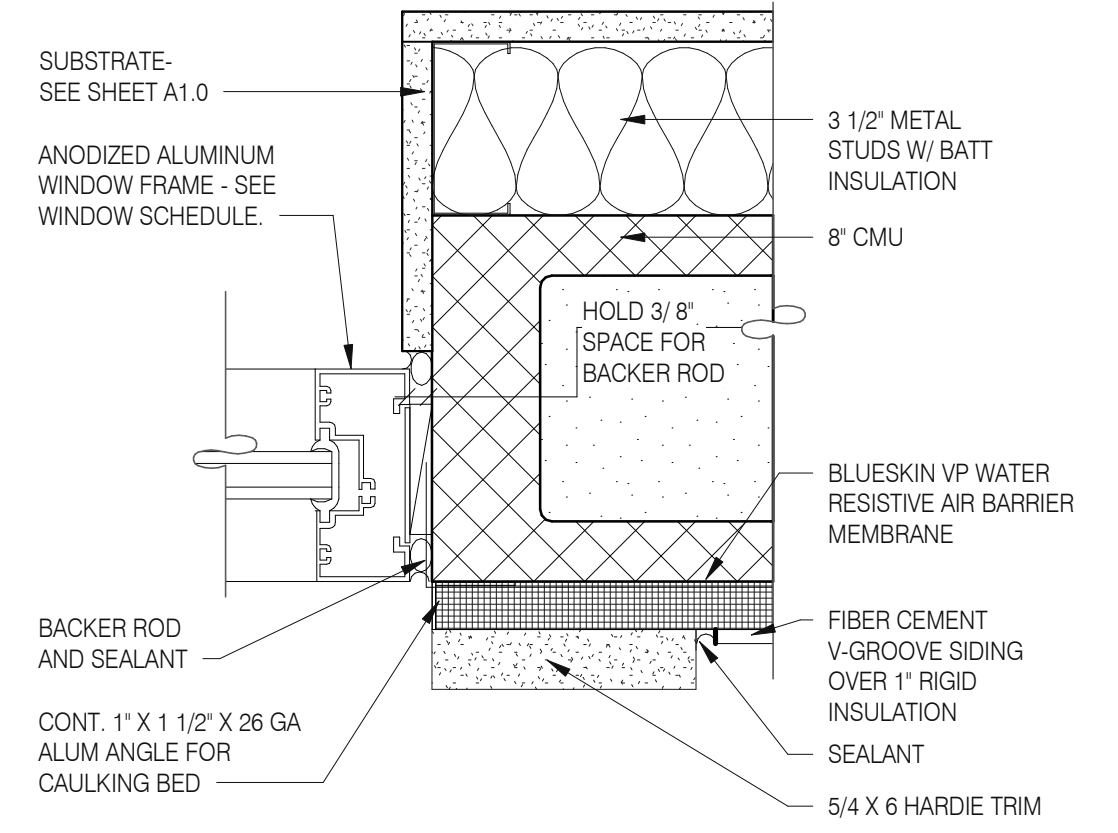
WINDOW HEAD @ ENTRANCE 3" = 1'-0" 14



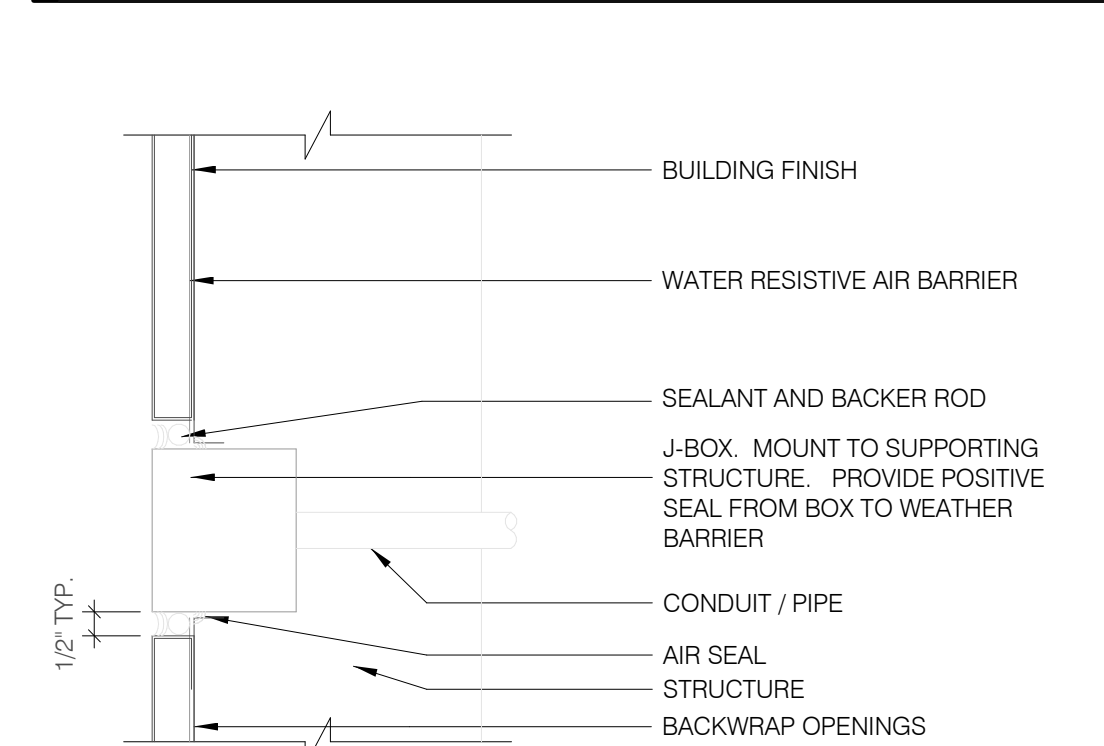
CONNECTION THRU EXT. FINISH 1" = 1'-0" 11



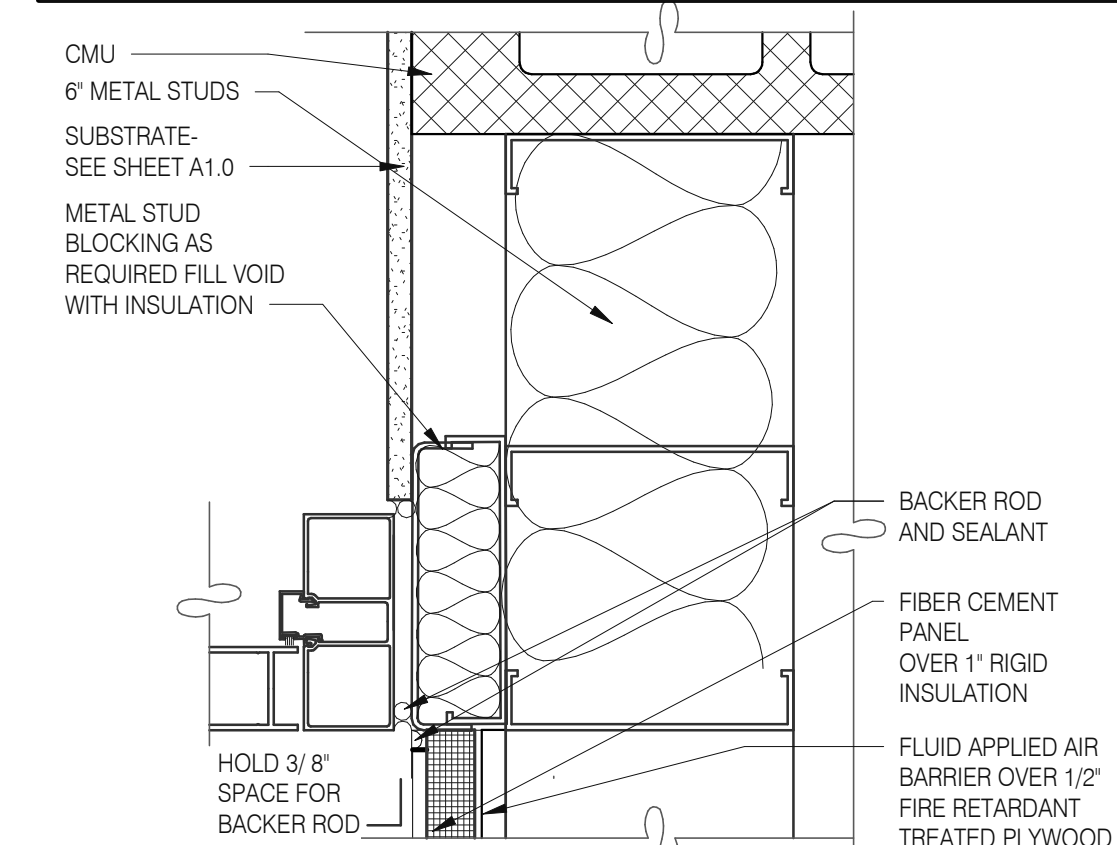
HEAD/ JAMB @ SERVICE DOOR 3" = 1'-0" 7



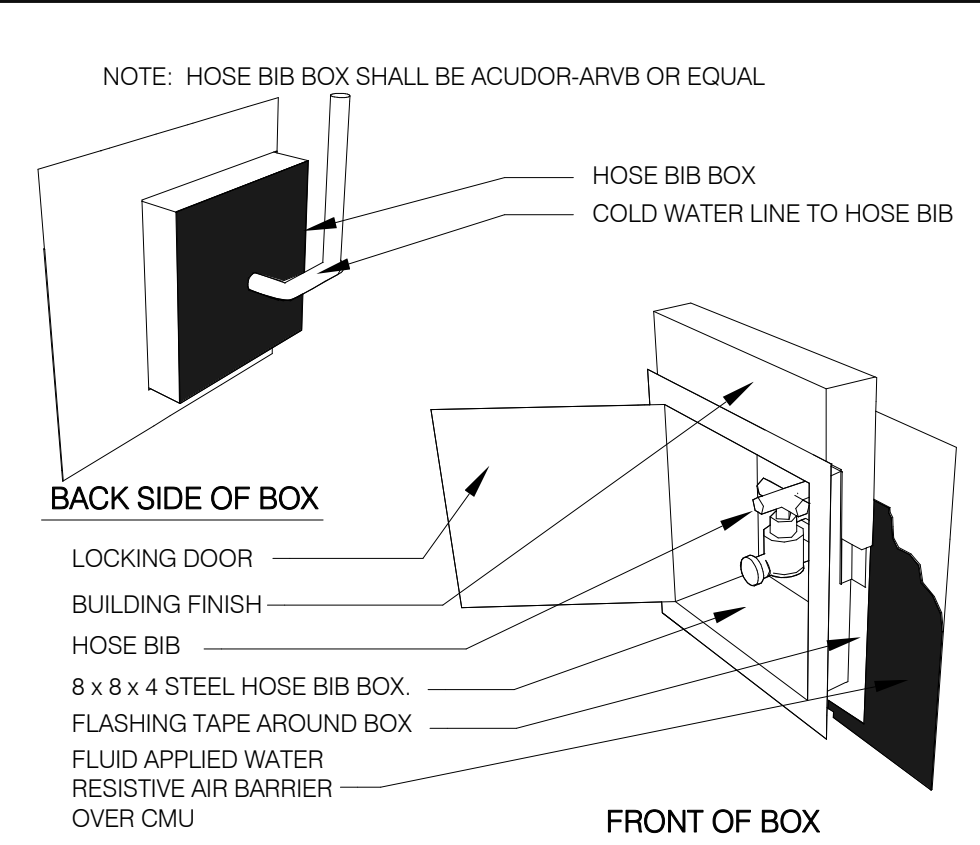
TYPICAL WINDOW JAMB 3" = 1'-0" 3



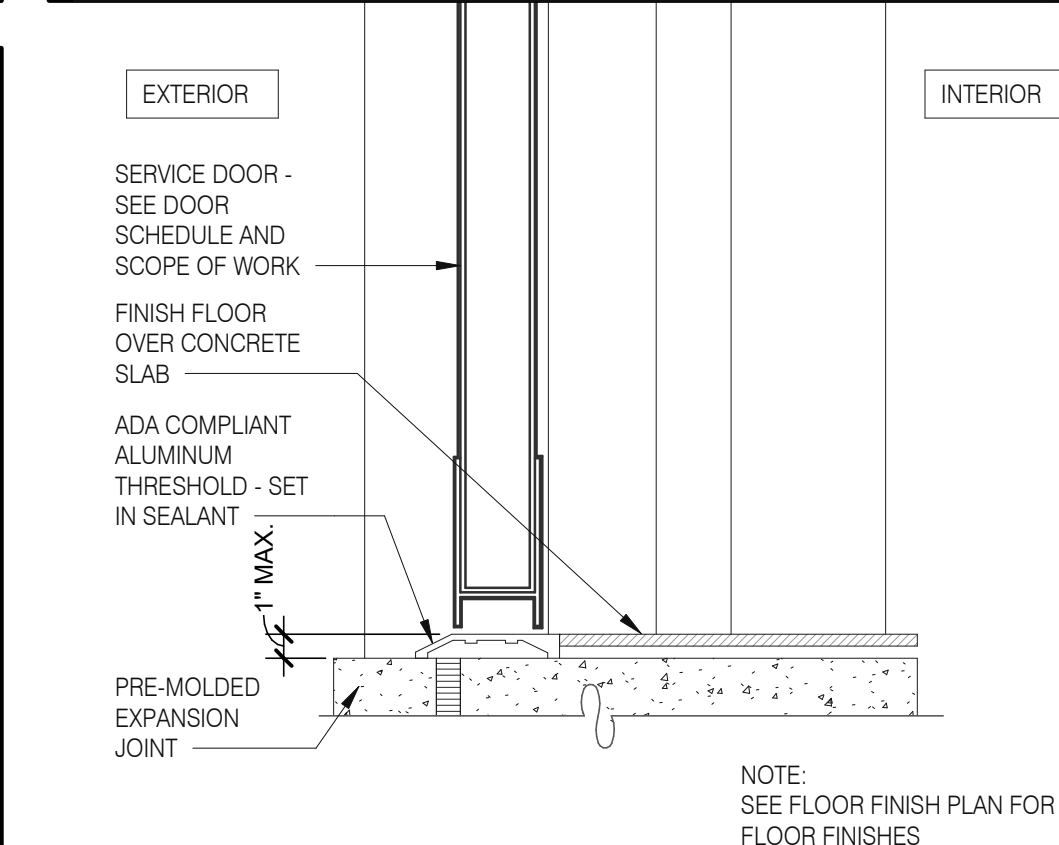
CO2 FILL / J-BOX 3" = 1'-0" 17



DOOR JAMB 3" = 1'-0" 15



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



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

GENERAL NOTES:
HARDIE BOARD TO BE ATTACHED WITH CONCEALED FASTENERS PER MANUFACTURERS SPECIFICATIONS

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
CONSTRUCTION
DETAILS
DOOR/WINDOW

A6.1

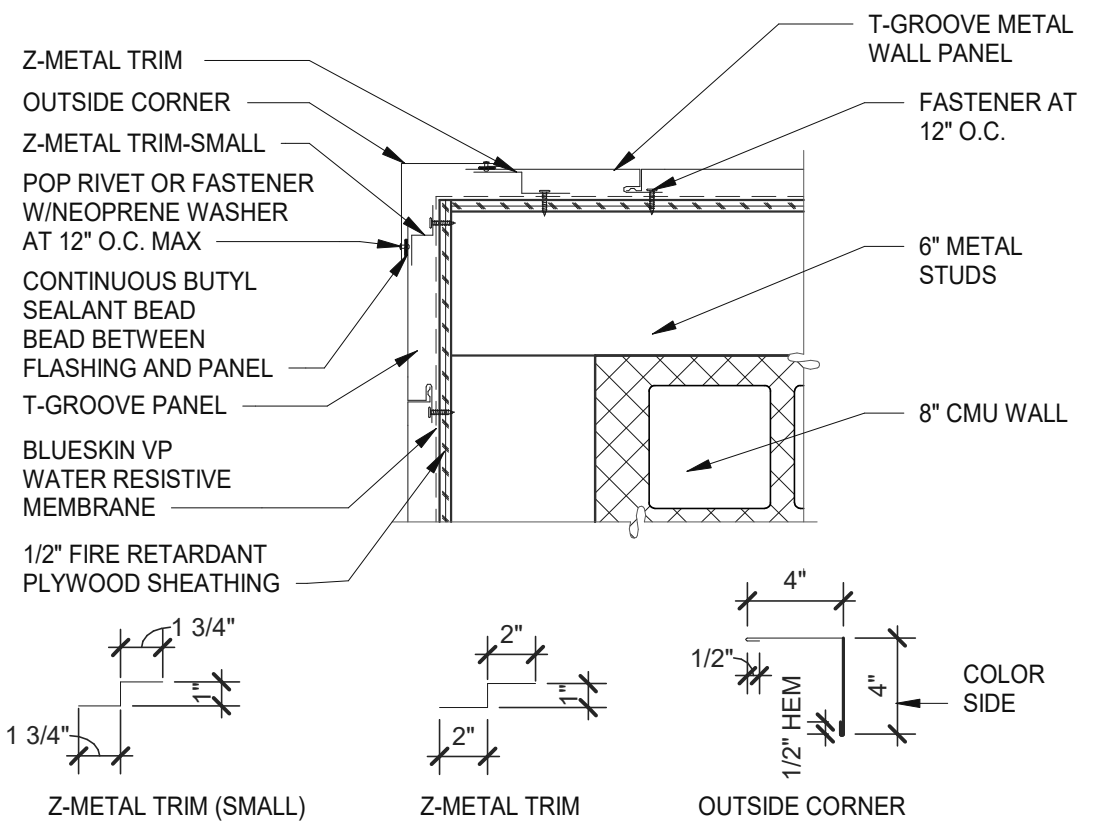
PLOT DATE: 5/19/2022 11:26:44 AM

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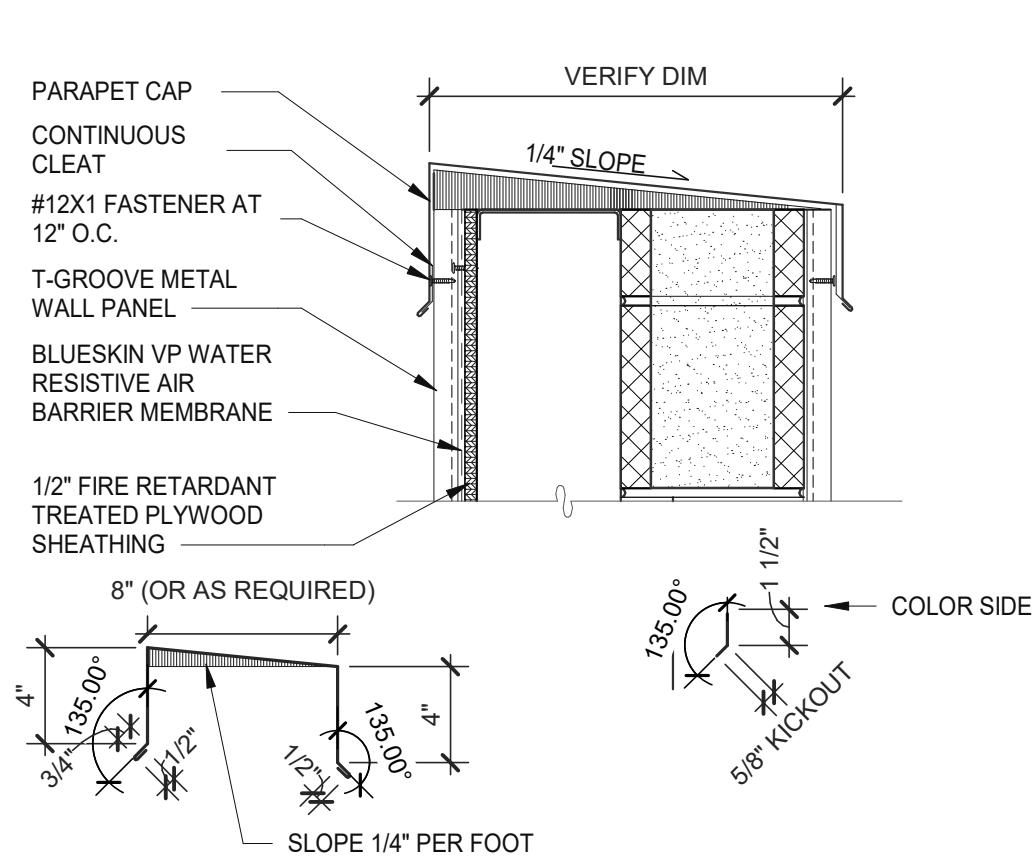
CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

Mark S. Salopek, LLC

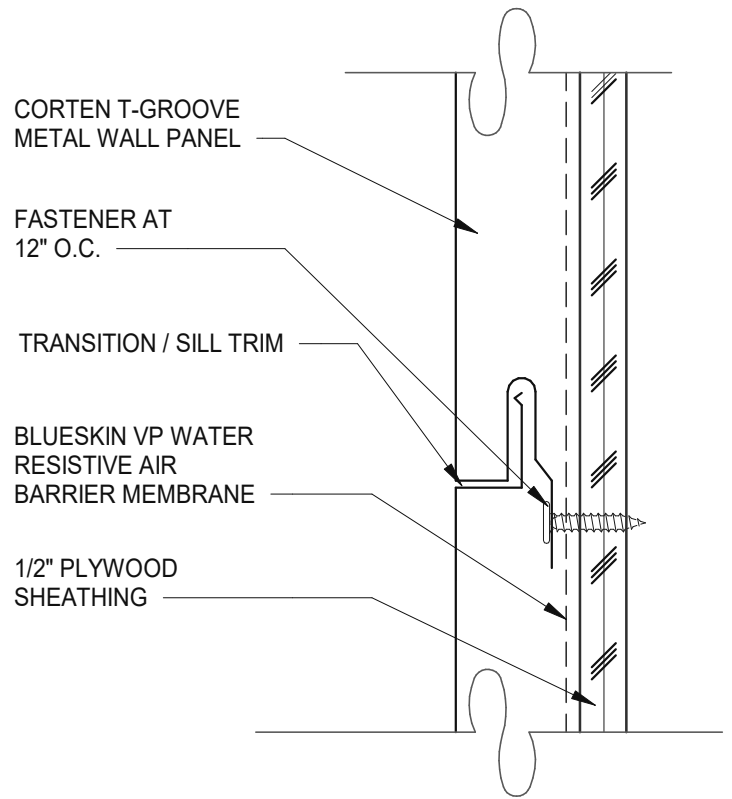
3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



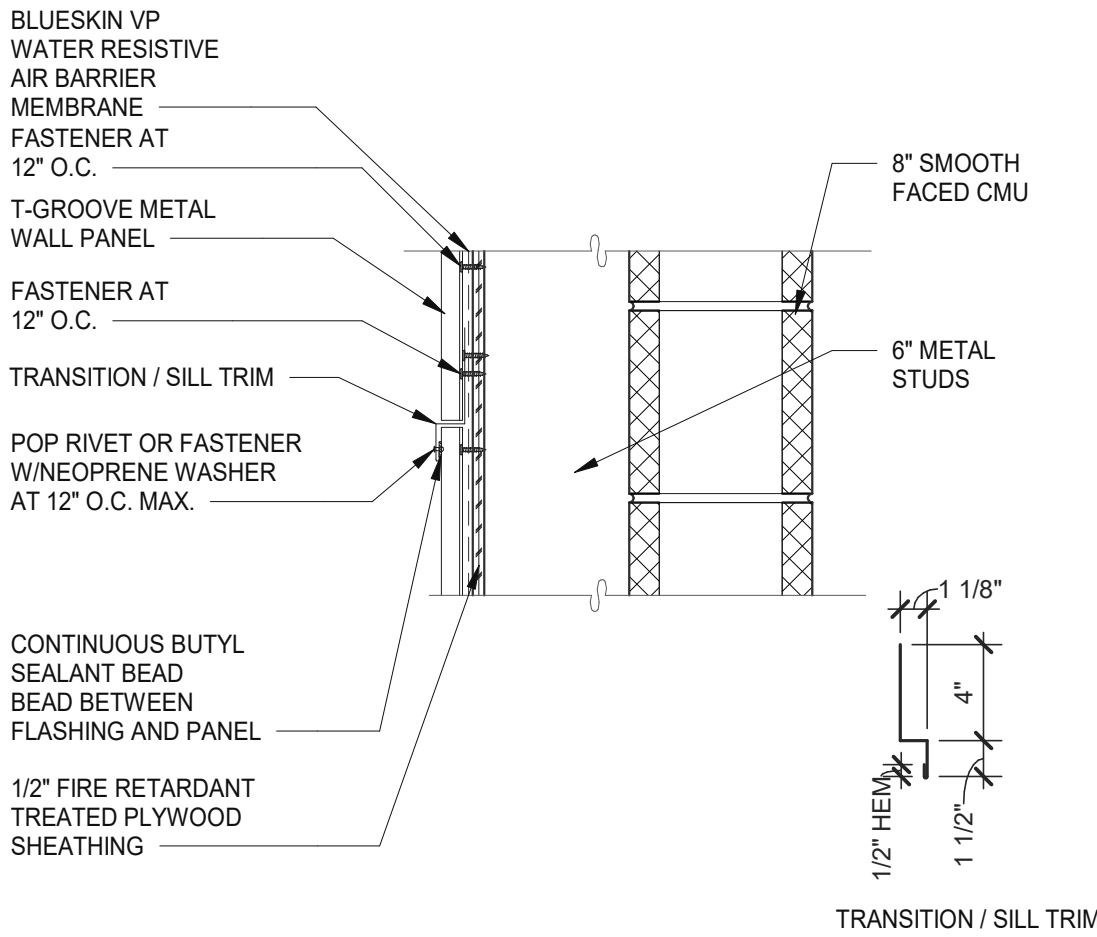
OUTSIDE CORNER 1 1/2" = 1'-0" 5



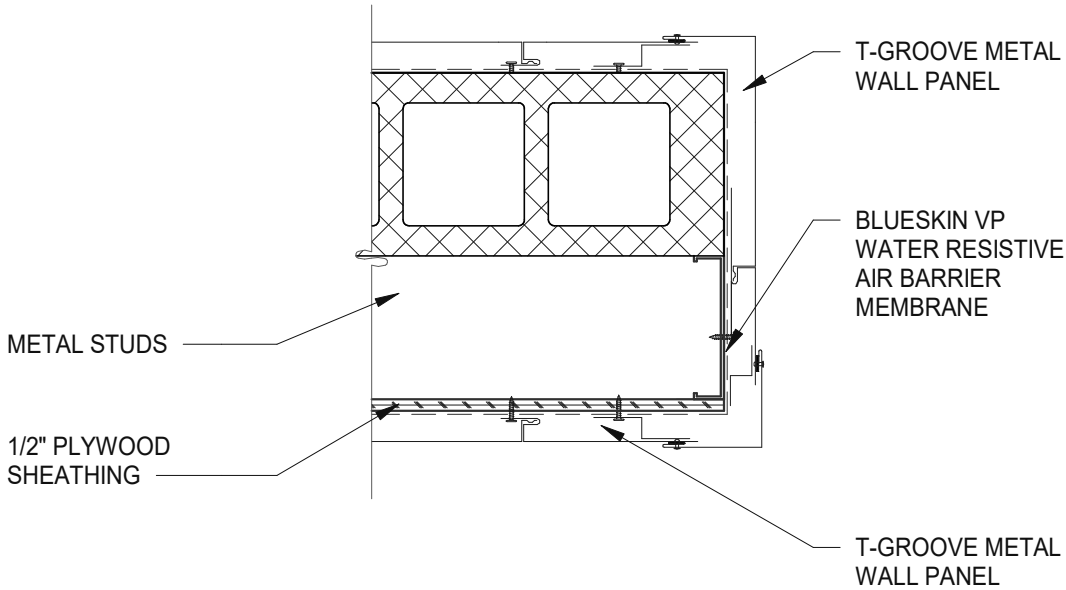
PARAPET 1 1/2" = 1'-0" 1



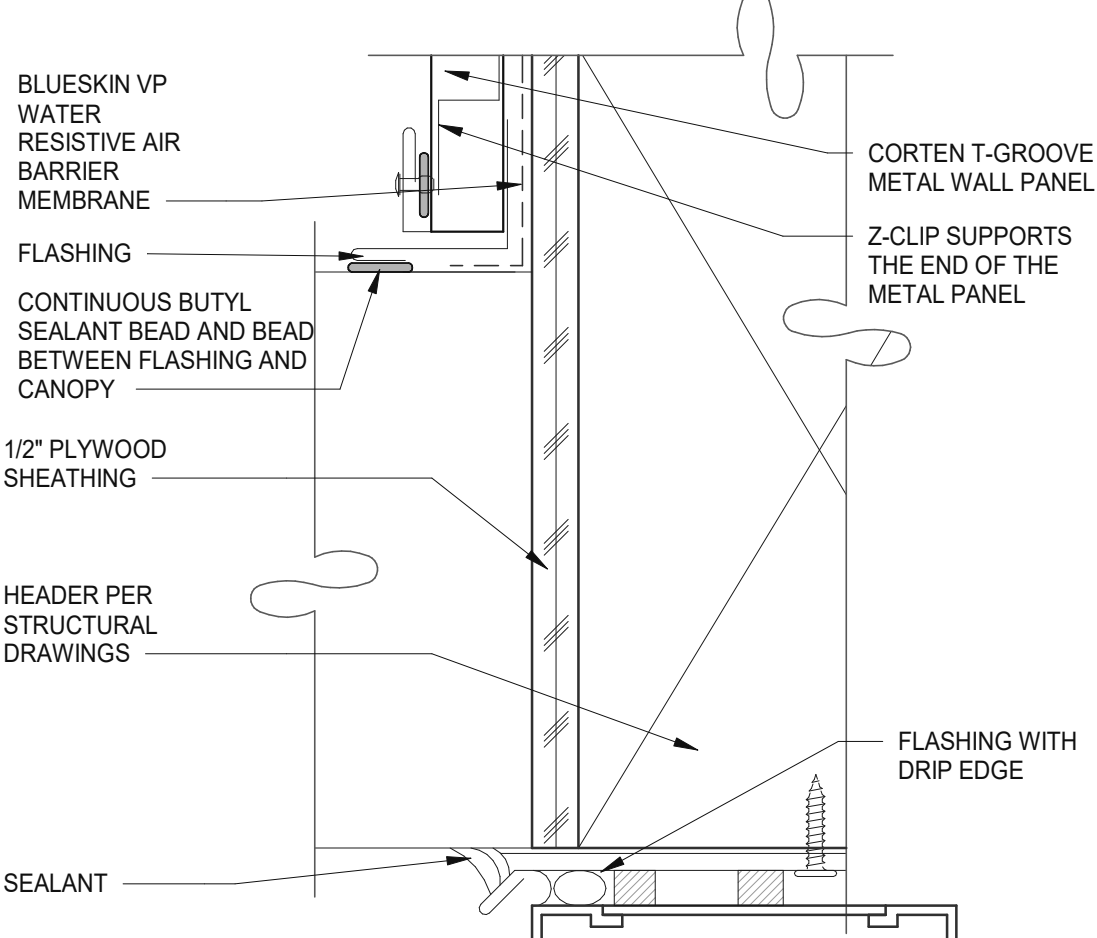
PANEL JOINT 6" = 1'-0" 6



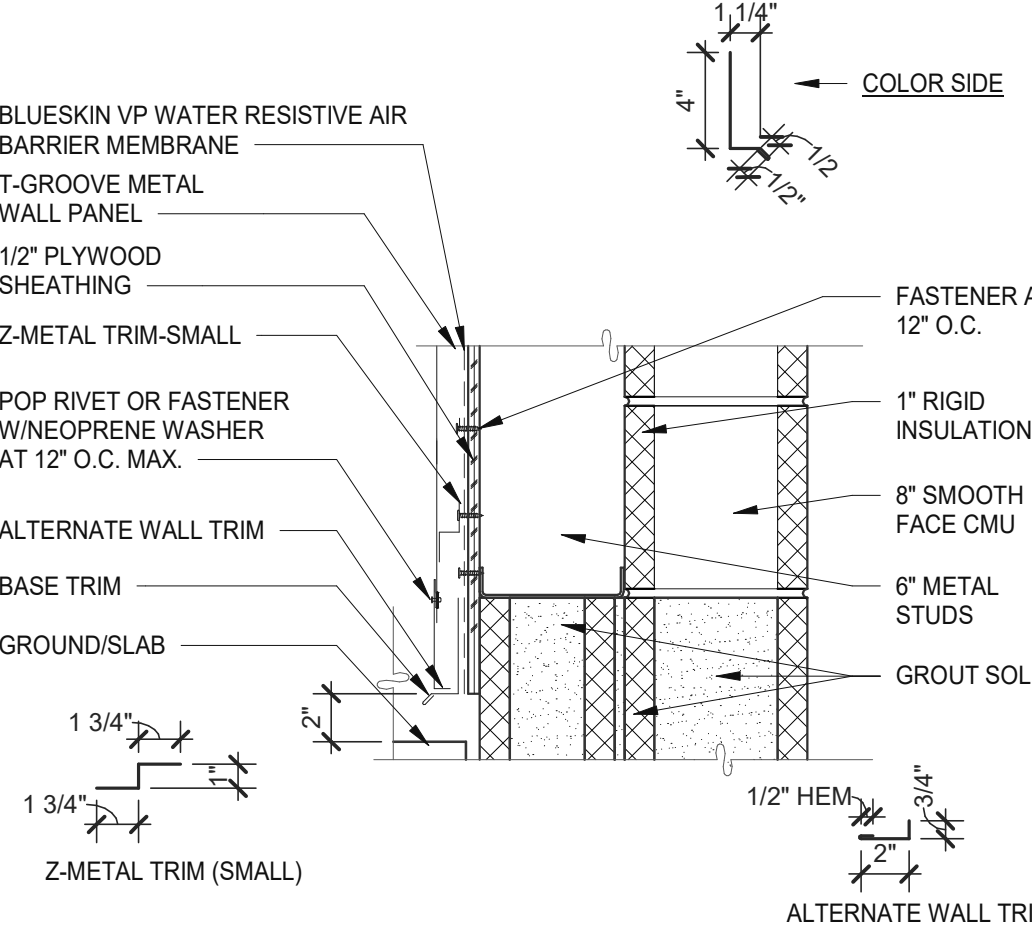
VERTICAL PANEL JOINT 1 1/2" = 1'-0" 2



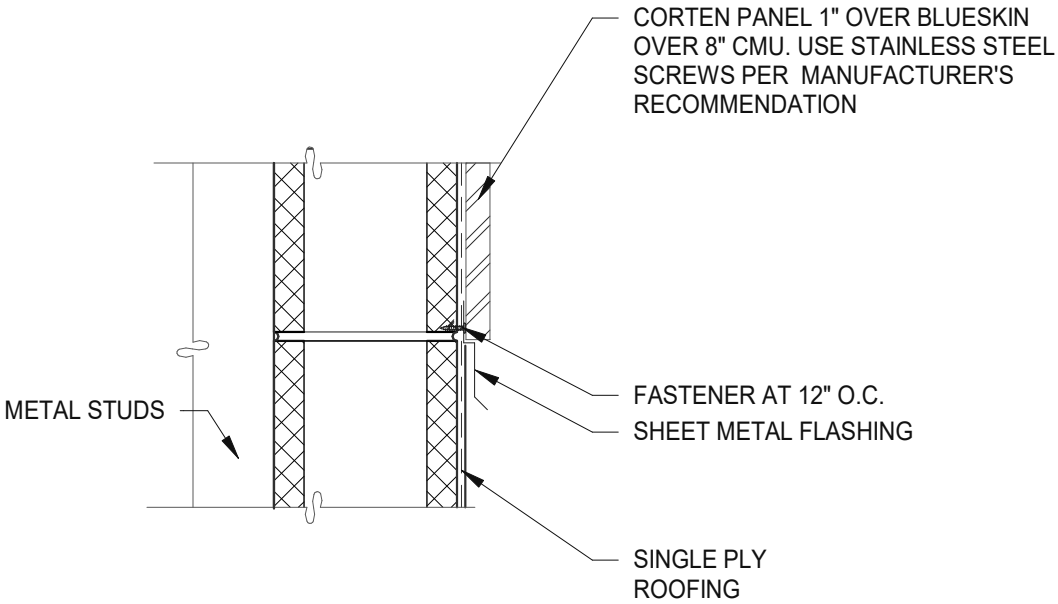
CORTEN T-GROOVE METAL PANEL 1 1/2" = 1'-0" 11



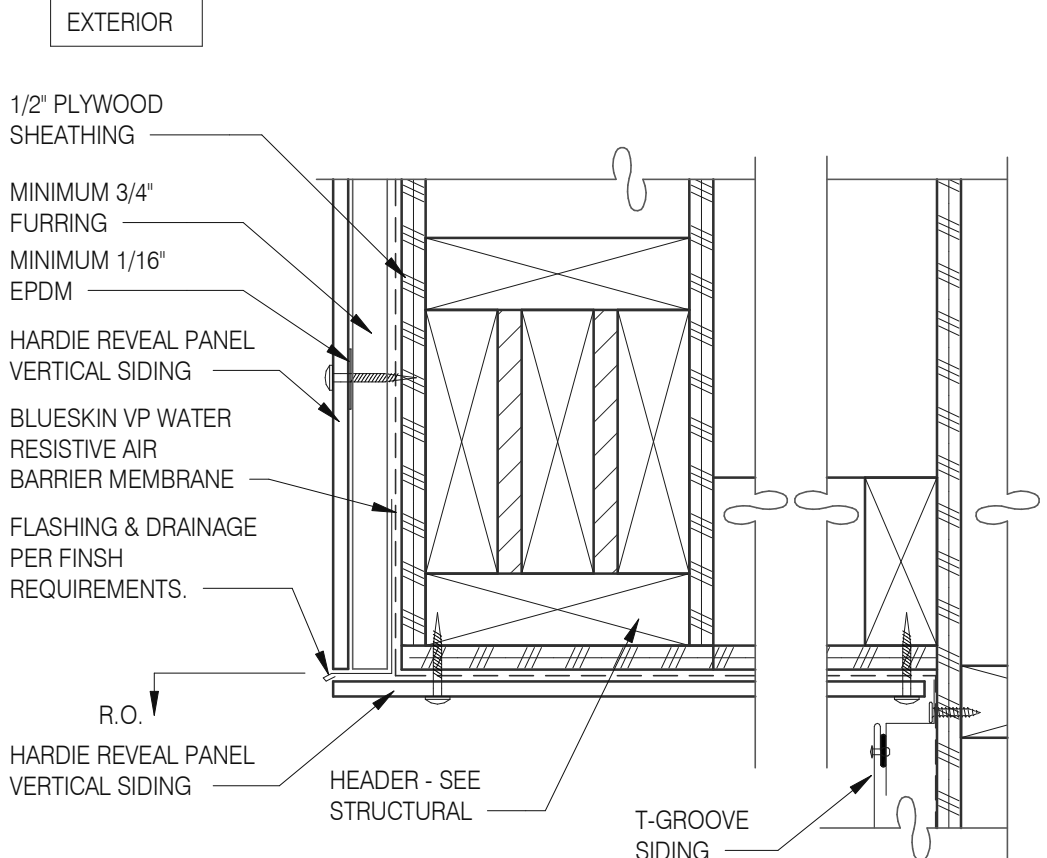
ENLARGED CANOPY DETAIL 6" = 1'-0" 7



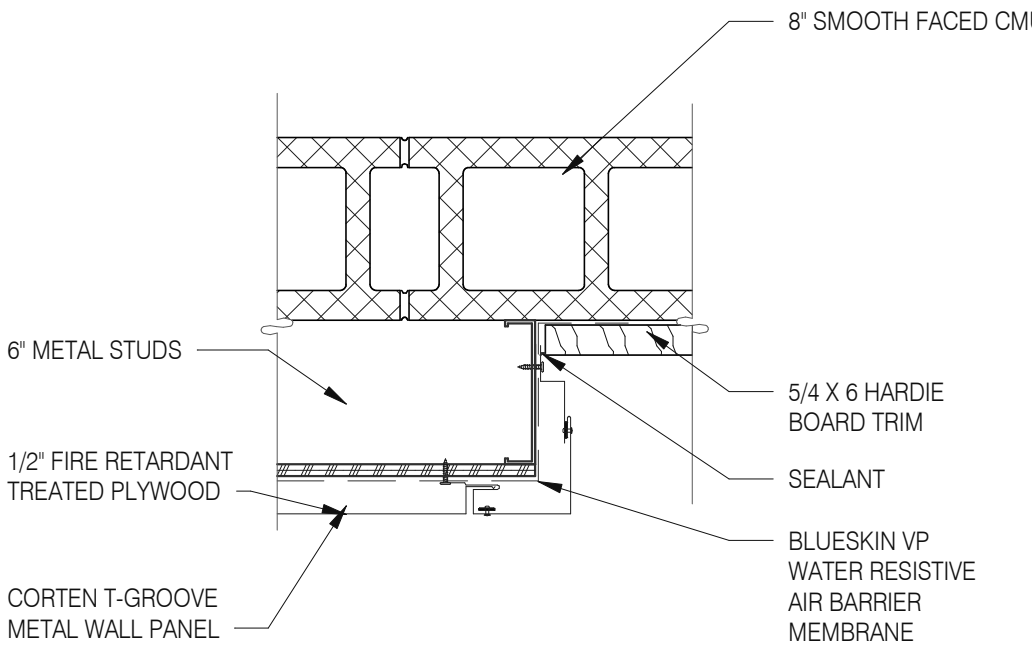
BASE TRIM HORIZONTAL 1 1/2" = 1'-0" 3



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



PARAPET CORNER 3" = 1'-0" 8



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

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JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



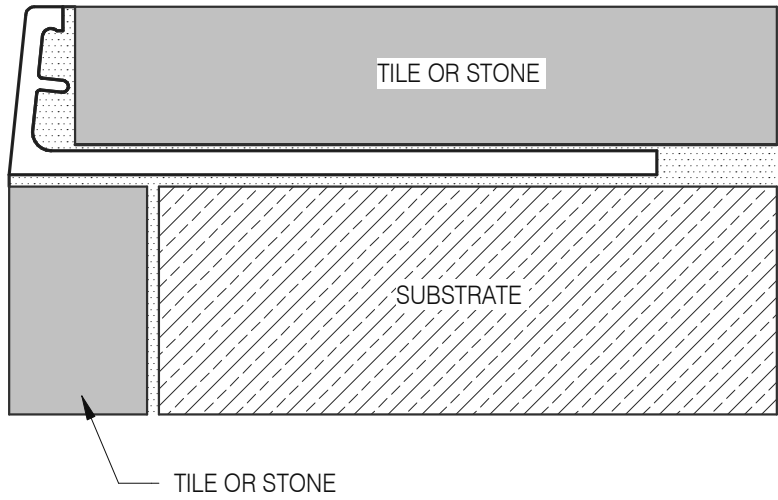
ENDEAVOR 2.0
CONSTRUCTION
DETAILS WALL

A6.2

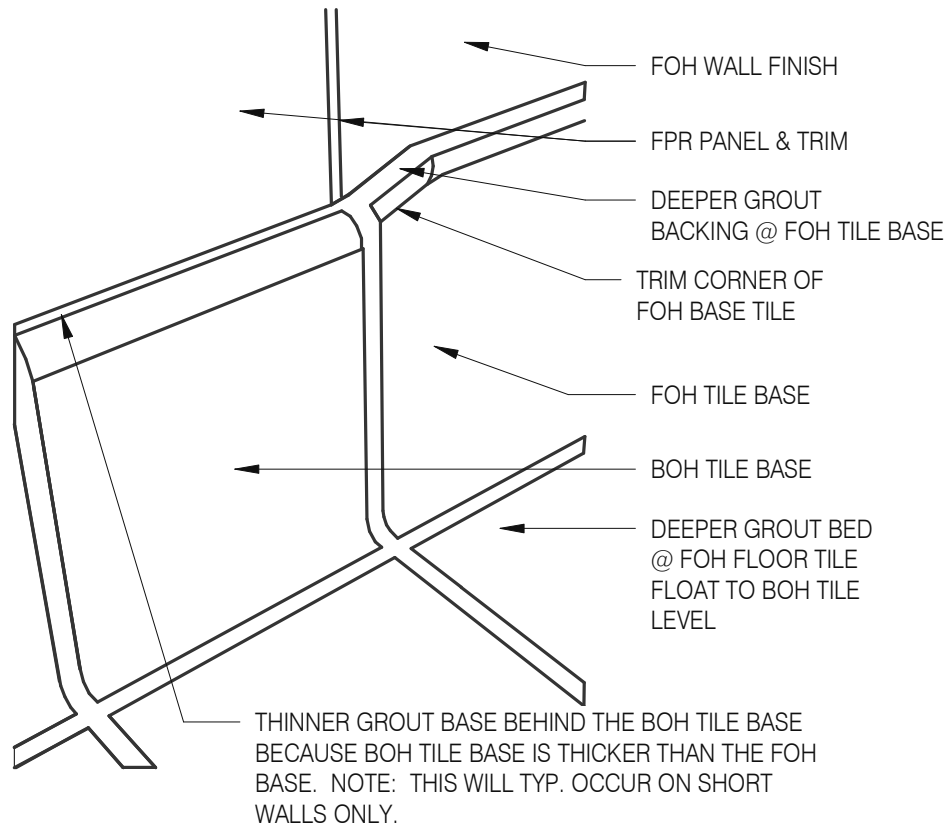
PLOT DATE: 5/19/2022 11:26:46 AM

Mark S. Salopek, LLC

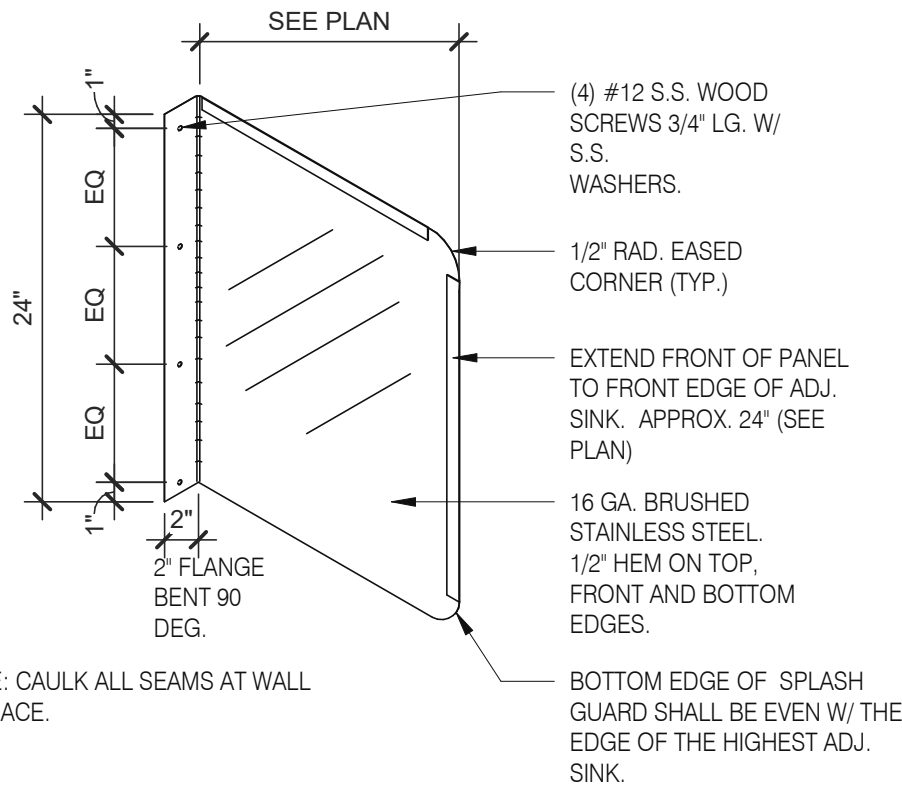
3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



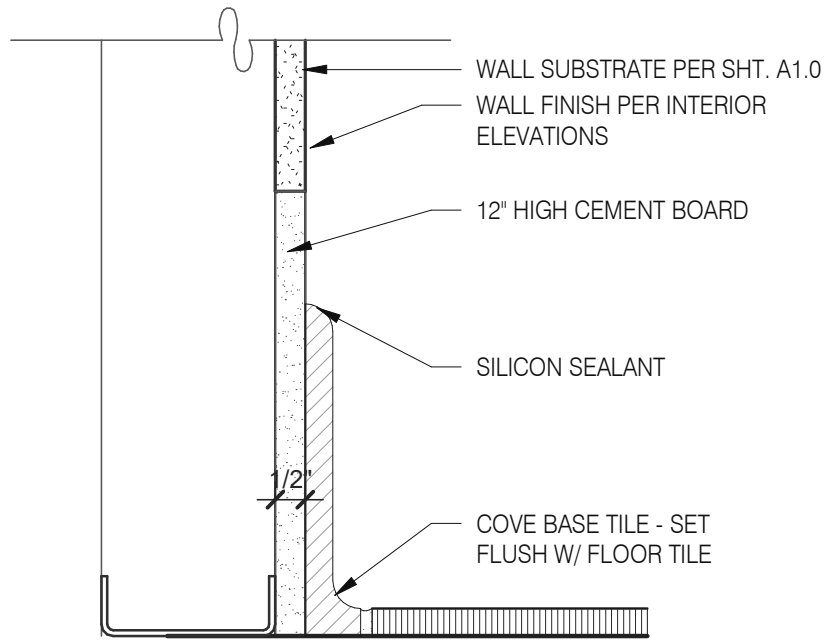
Schluter Jolly Corner Guard1 1/2" = 1'-0" 17



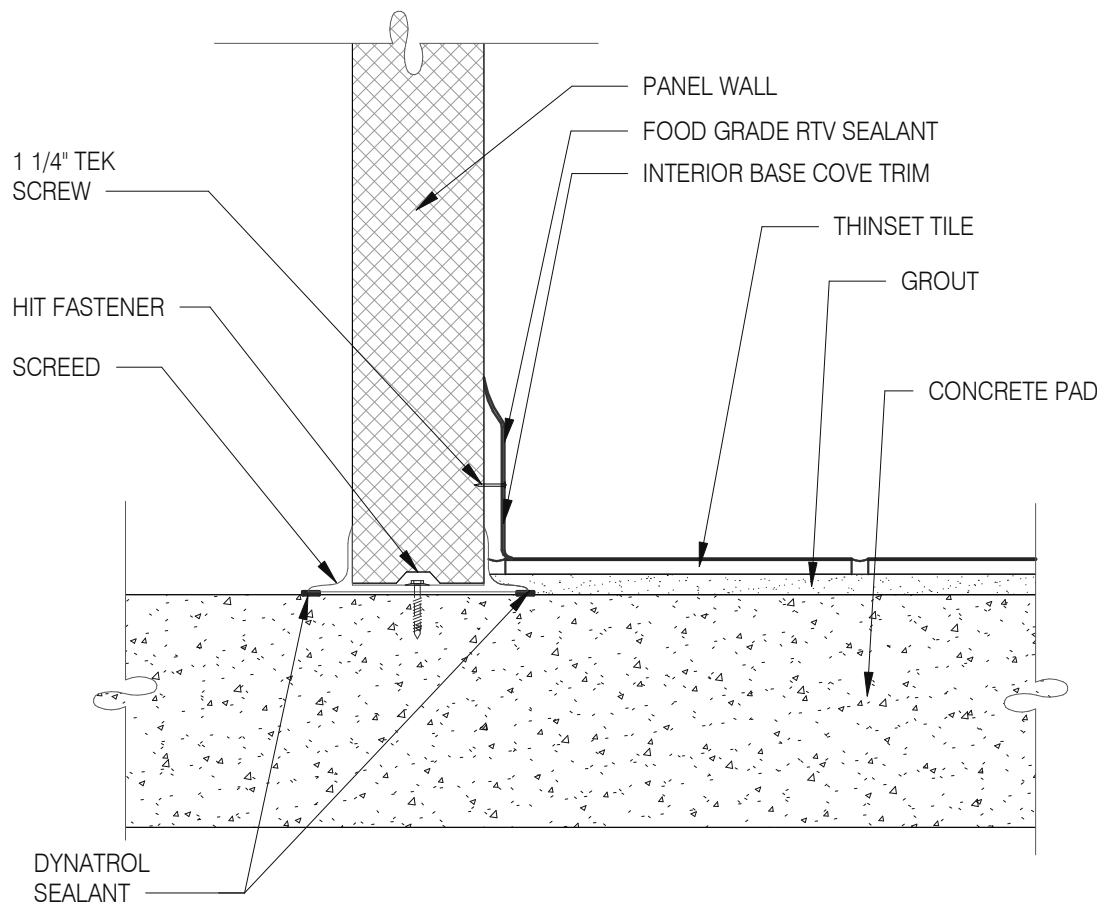
Tile Base Transition 12" = 1'-0" 13



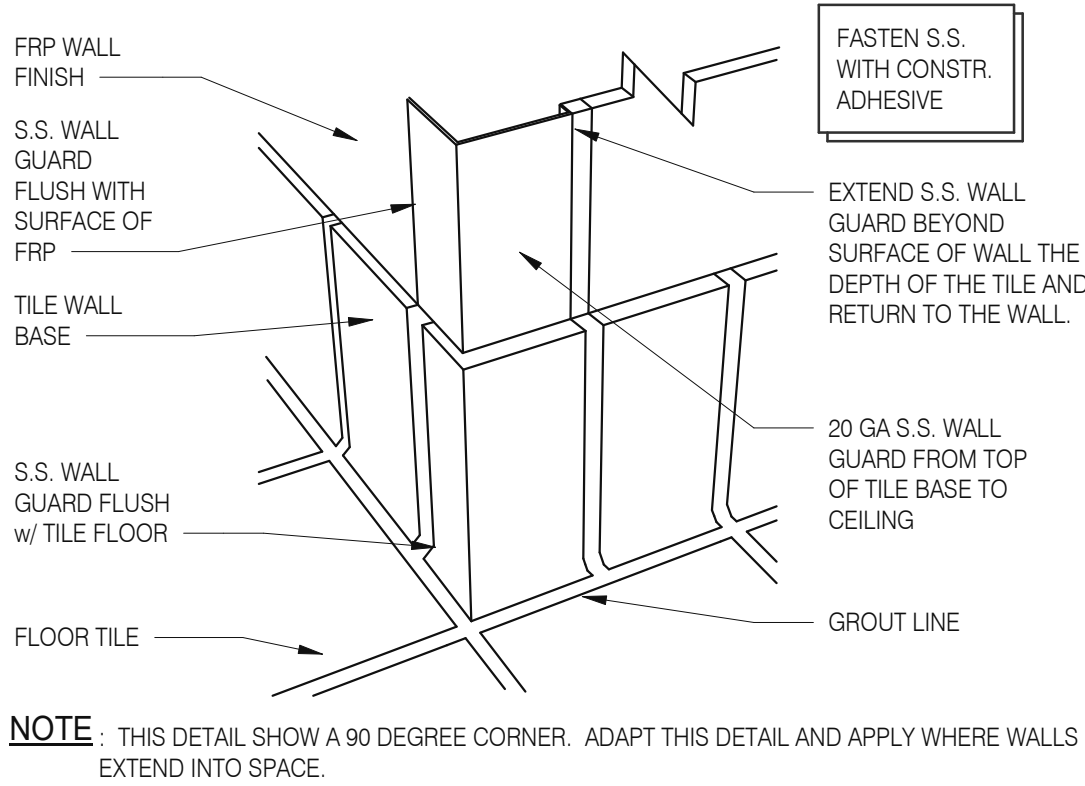
Splash Guard 1" = 1'-0" 9



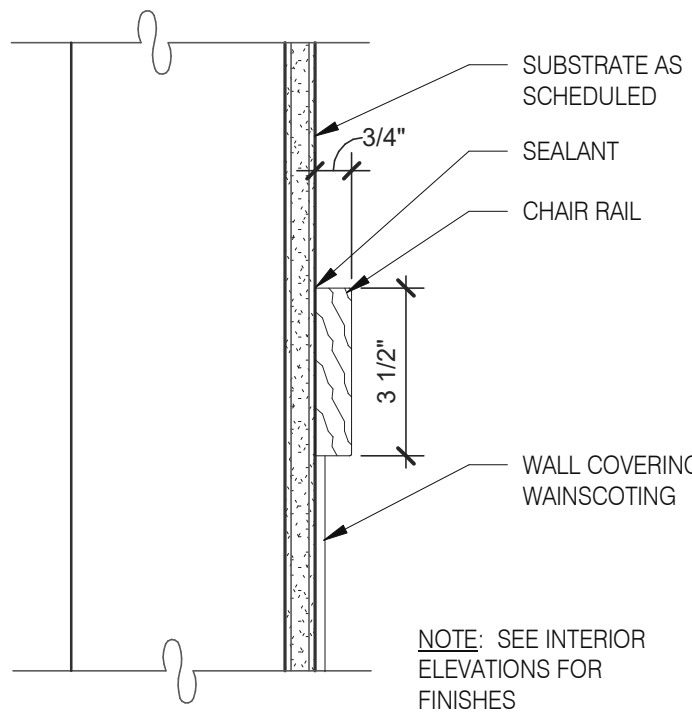
Base @ Dining Ext. Side Walls 3" = 1'-0" 5



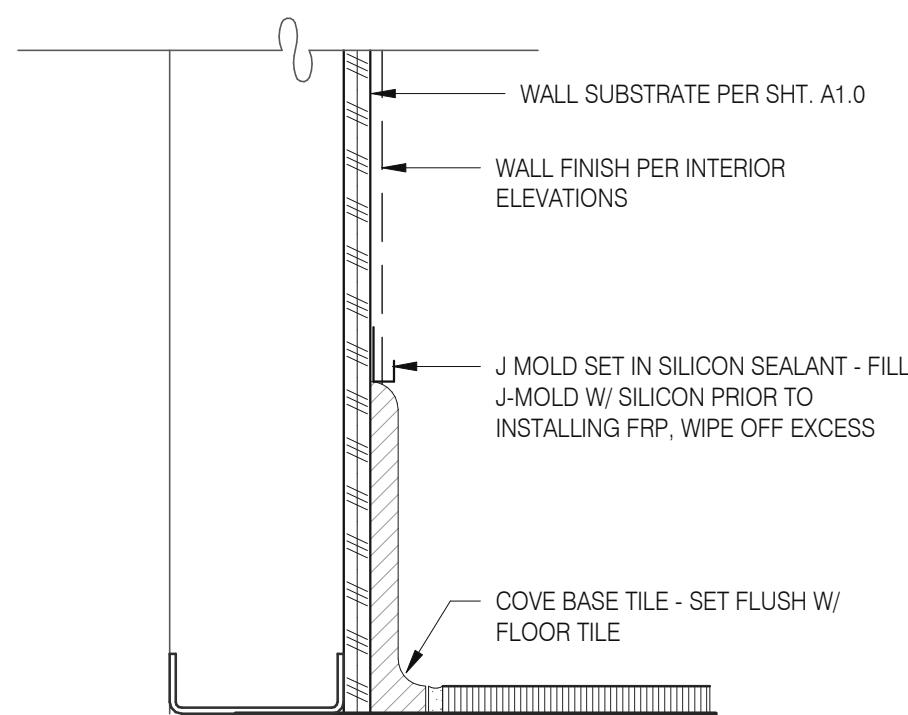
Walk-in Tile/Base 1 1/2" = 1'-0" 1



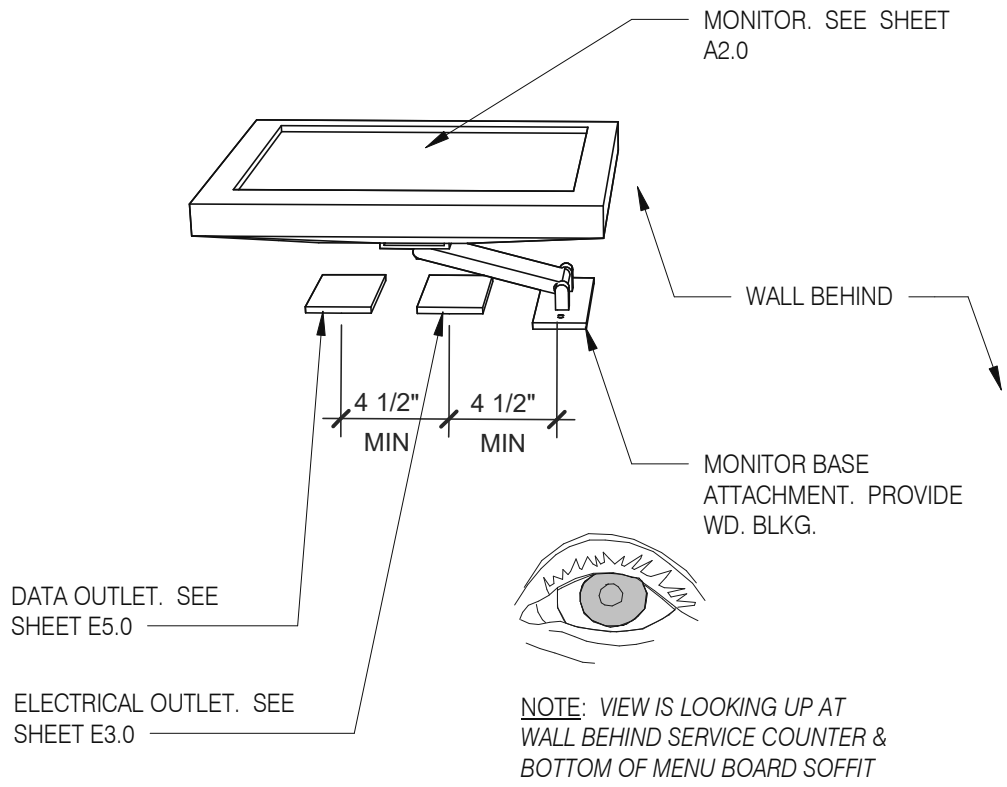
NOT USED 18



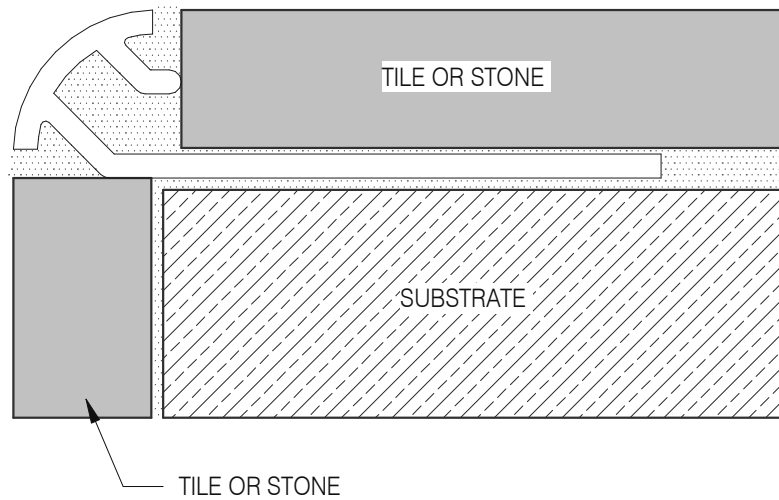
Chair Rail Detail 3" = 1'-0" 10



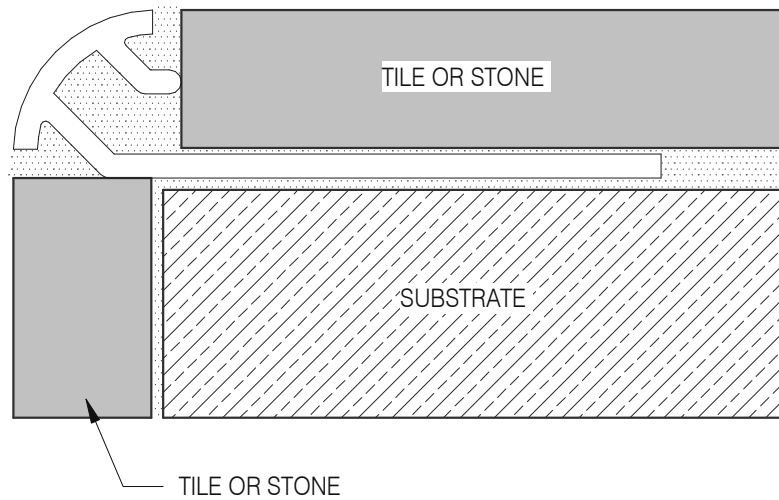
Base @ Ext. Wall 3" = 1'-0" 6



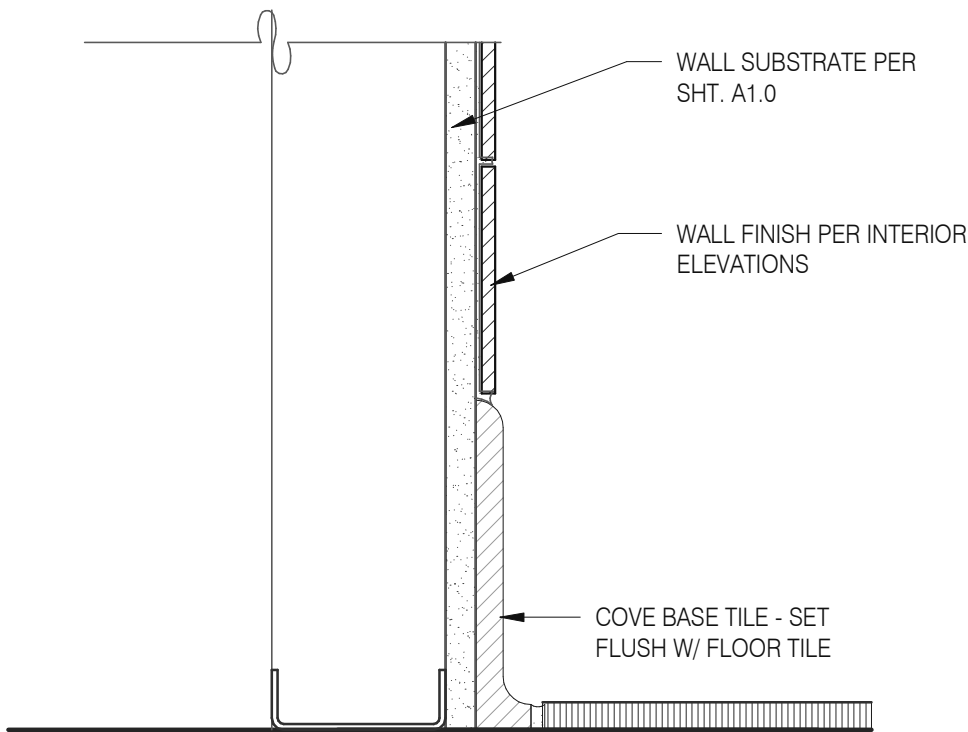
Wall Mount Monitor1 1/2" = 1'-0" 2



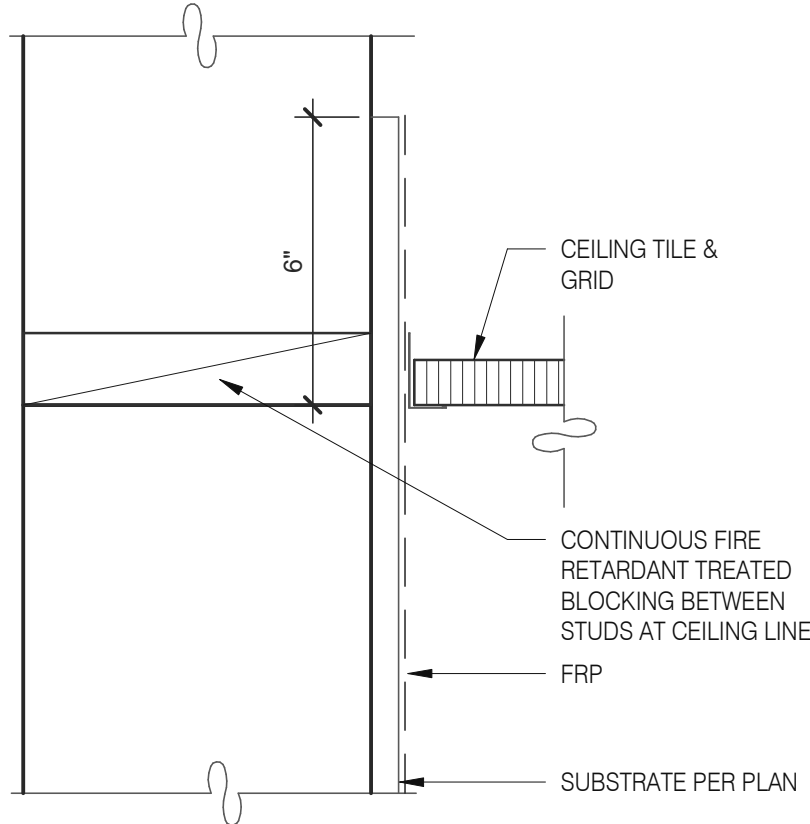
NOT USED 19



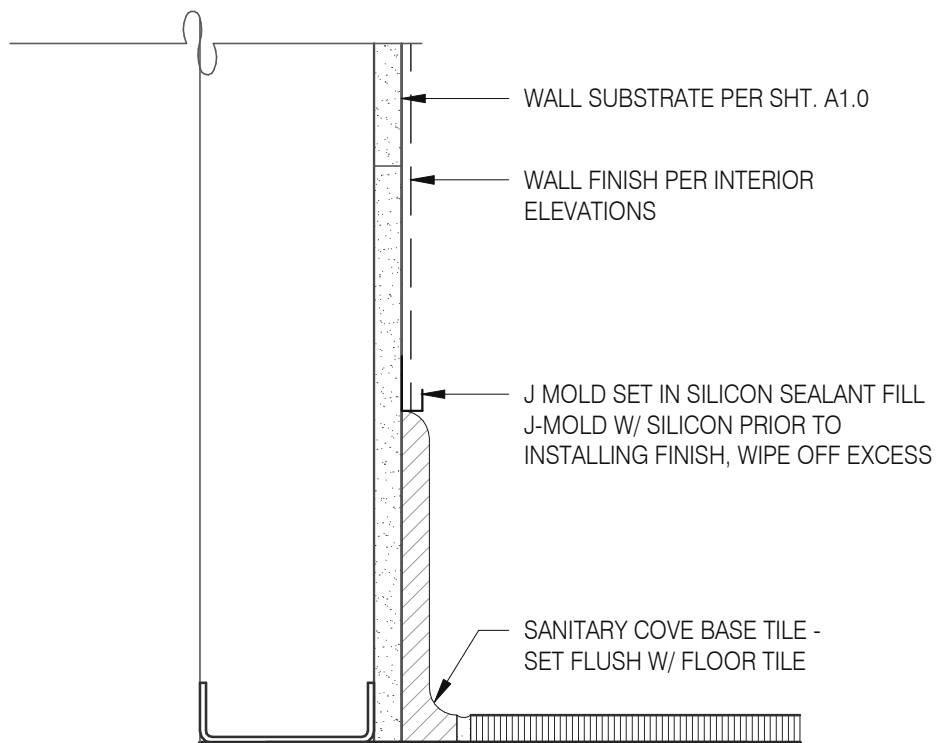
Schluter Corner Guard1 1/2" = 1'-0" 15



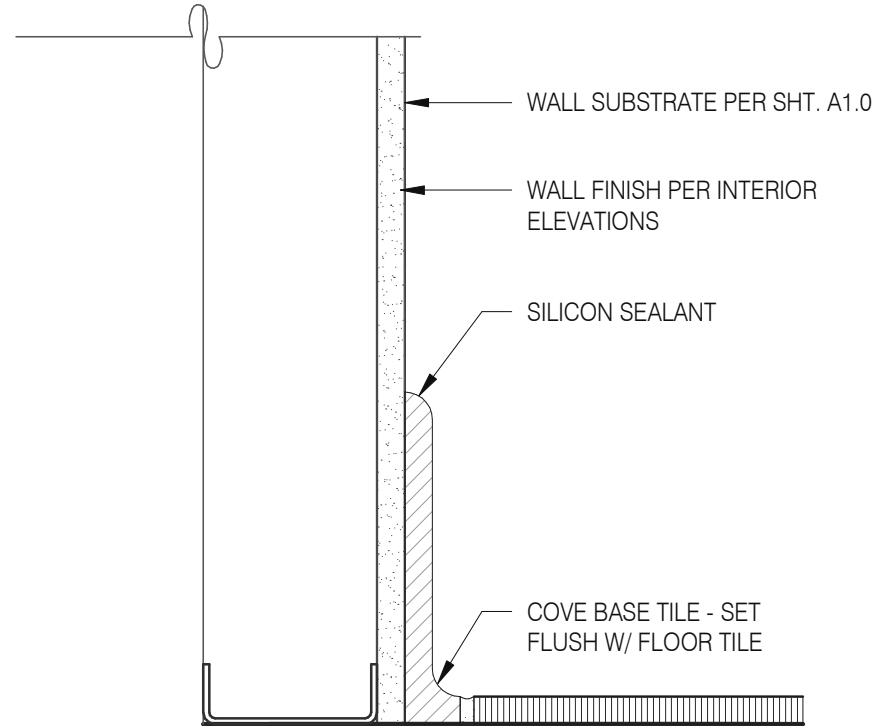
Base in Restroom 3" = 1'-0" 7



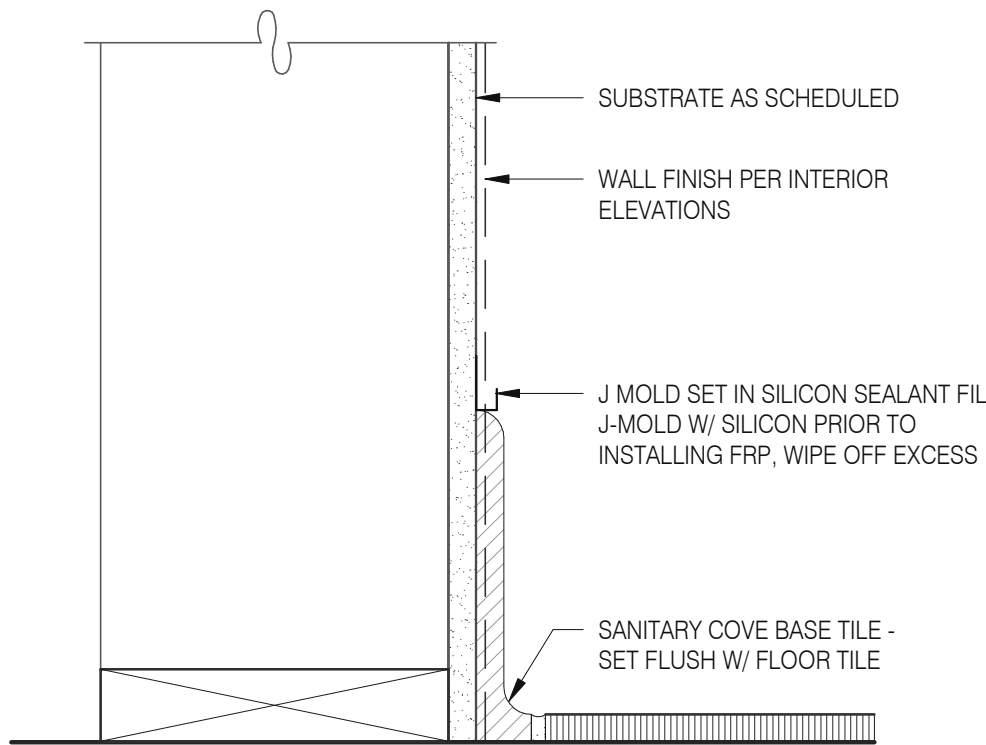
Kitchen Finish @ Ceiling 3" = 1'-0" 3



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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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
FINISH DETAILS

A6.3

PLOT DATE: 5/19/2022 11:26:48 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
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JOB NO.: 2021088.46

TACO BELL

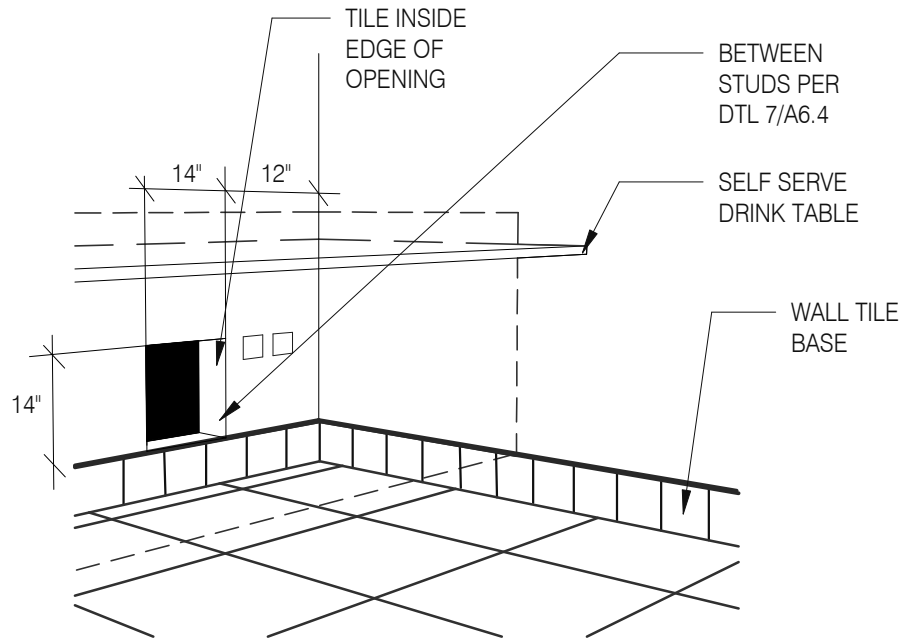
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
CONSTRUCTION
DETAILS
INTERIOR

A6.4

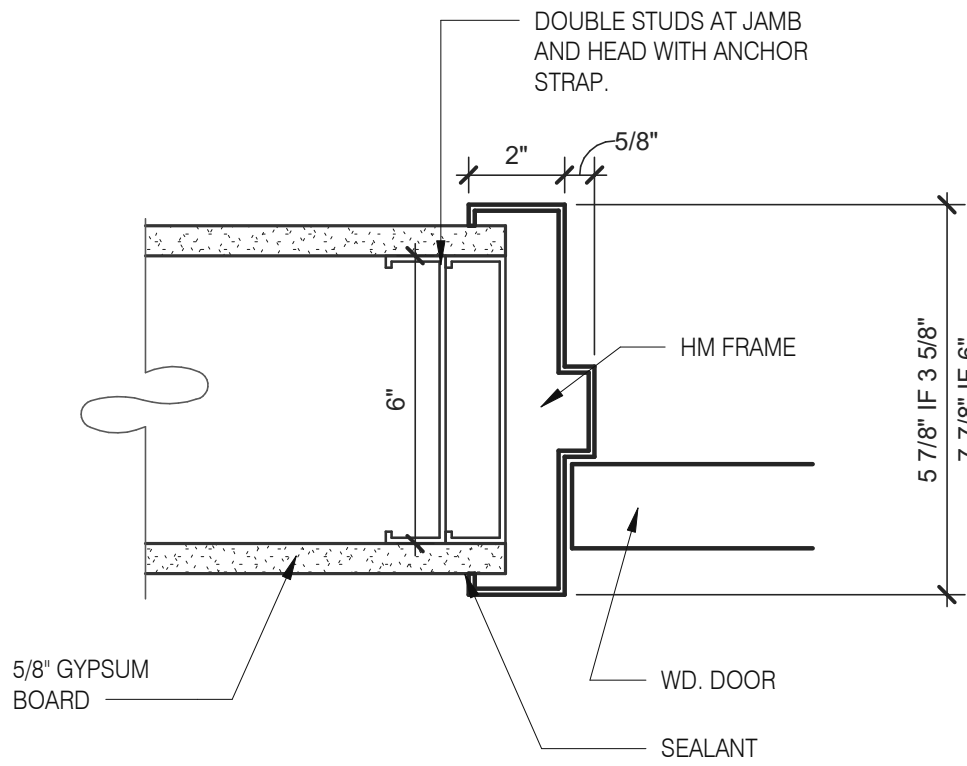
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WALL PASS THRU

N.T.S.

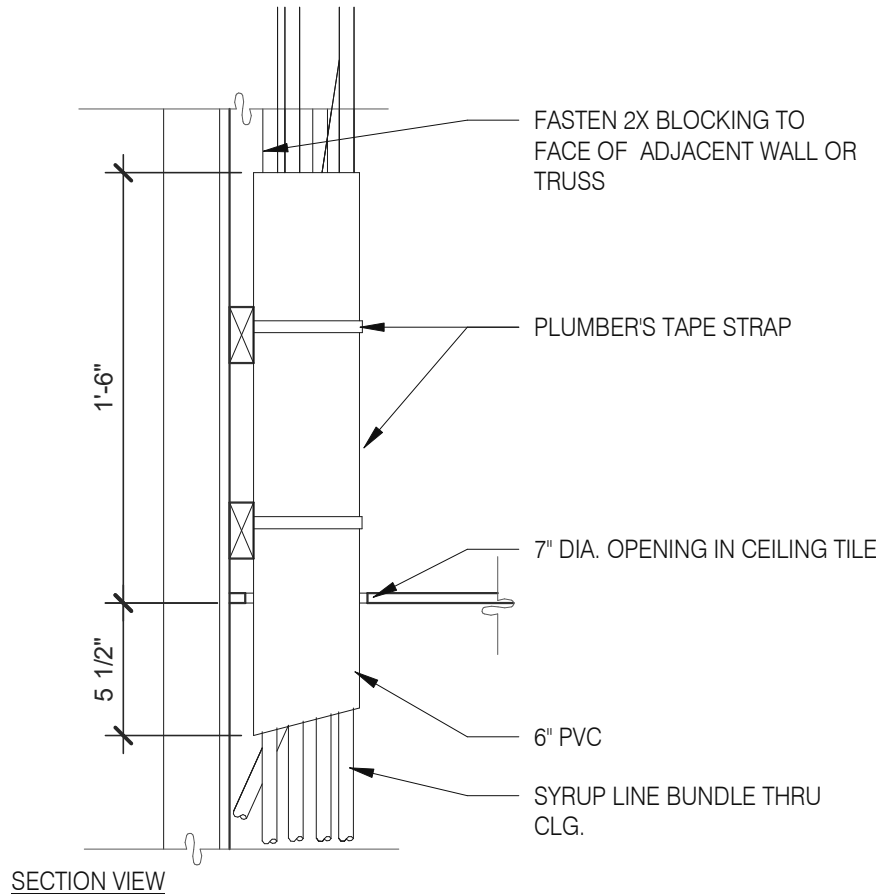
8



HEAD/JAMB @ H.M. DOOR

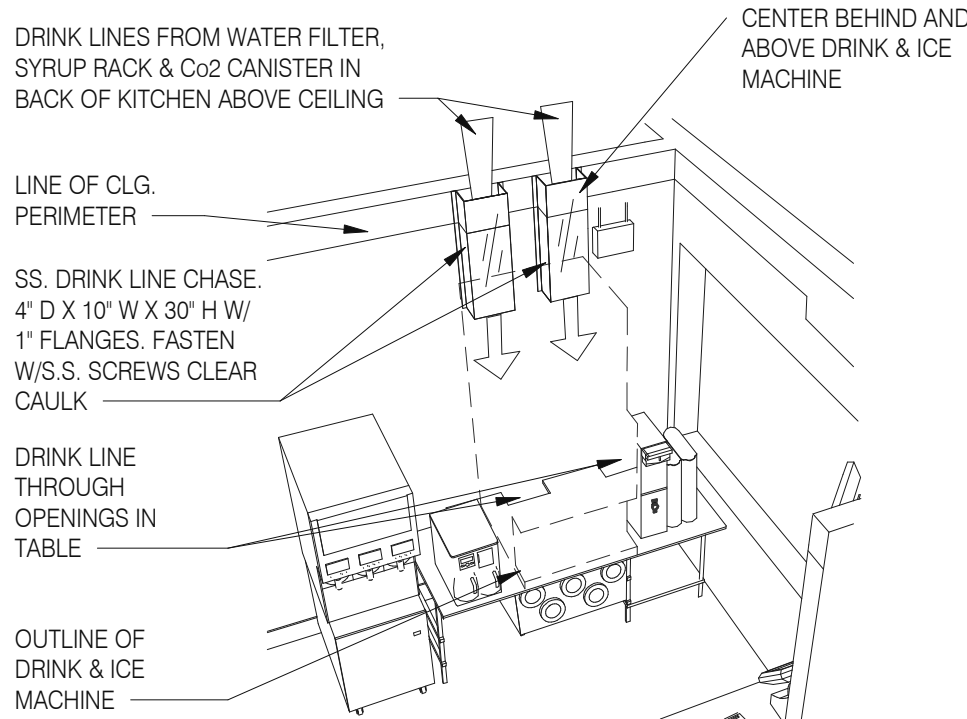
N.T.S.

6



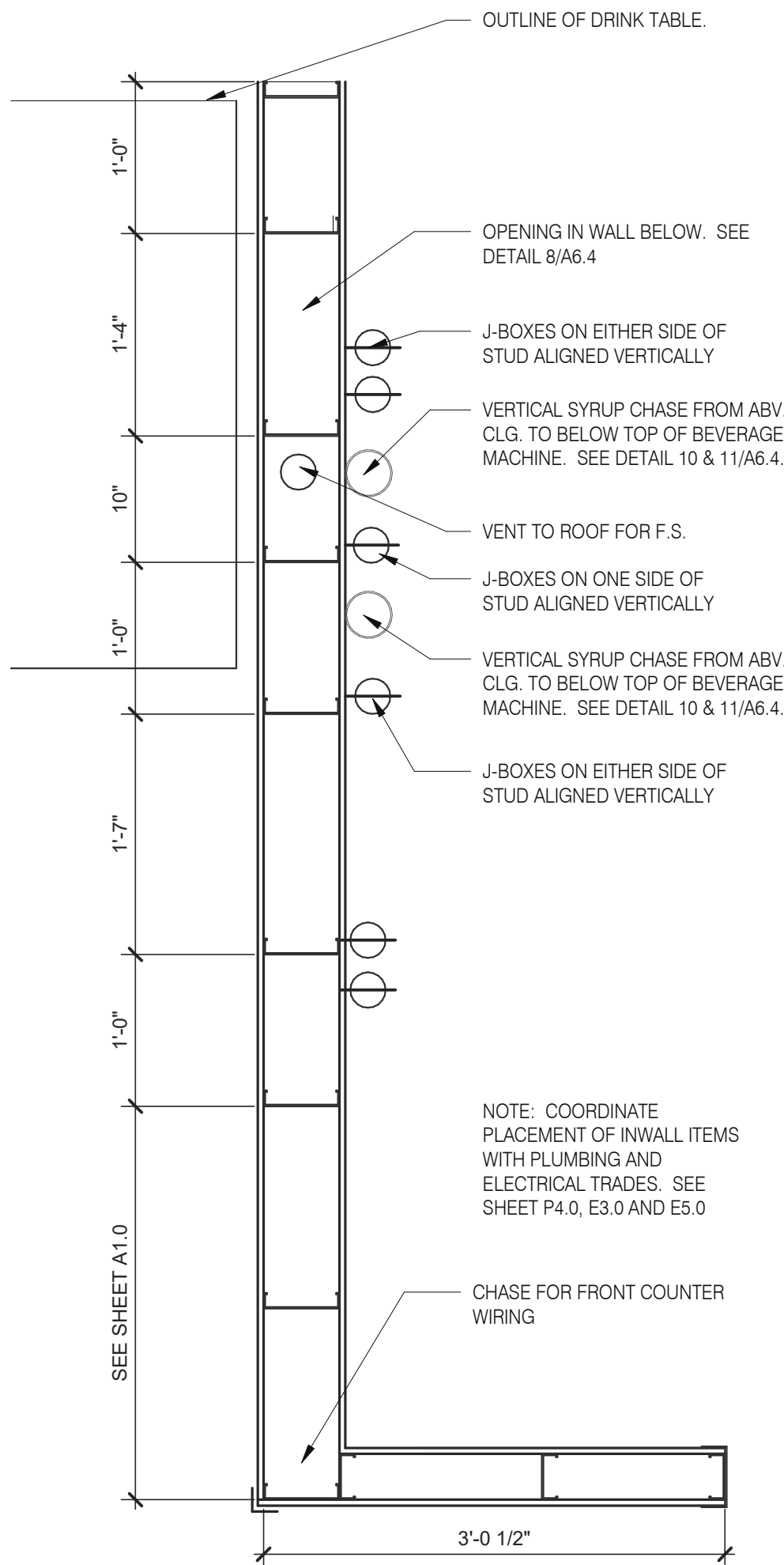
SYRUP BUNDLE CLG.1 1/2" = 1'-0"

10



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

11

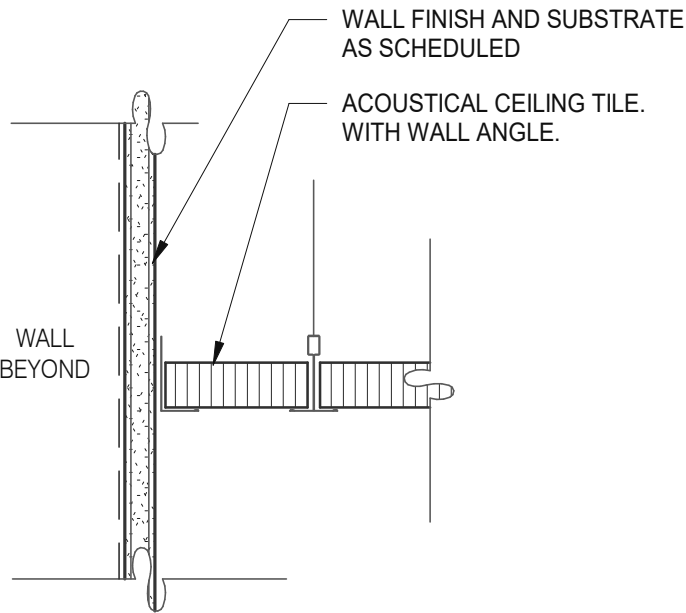


INTERIOR CHASE WALL

N.T.S.

7

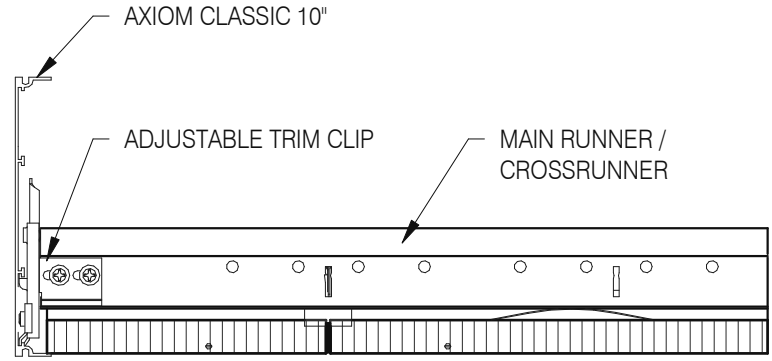
C:\Users\Gabe\Documents\TB 31540 Clermont FL_Arch_Jan2024\31540.dwg



Gypsum Board Transition

3" = 1'-0"

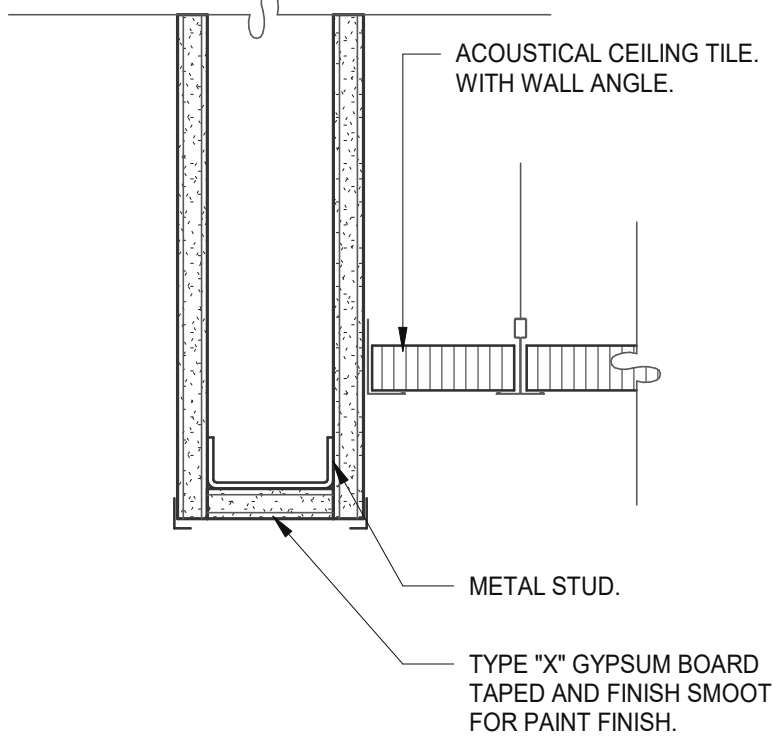
17



Assembly Clip-On

3" = 1'-0"

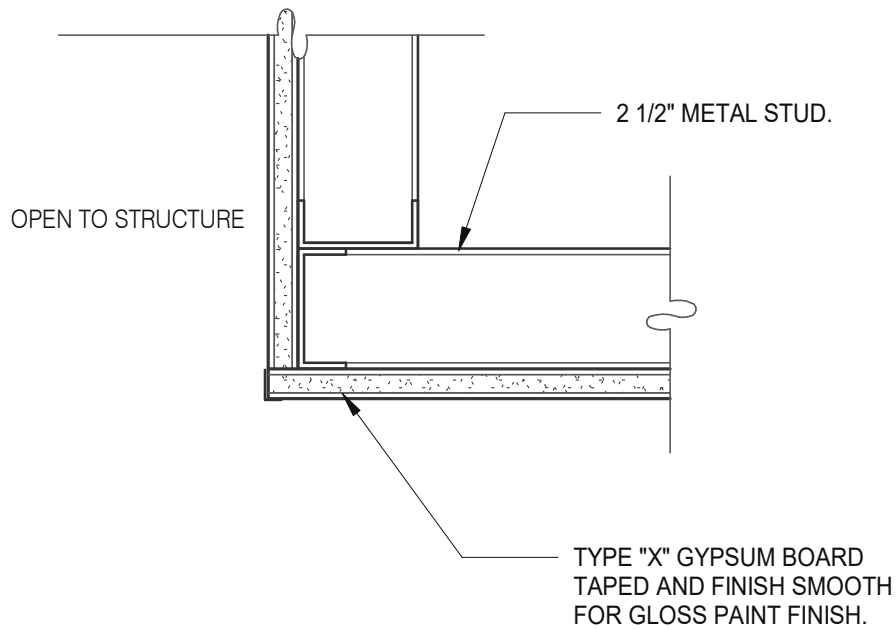
13



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.)

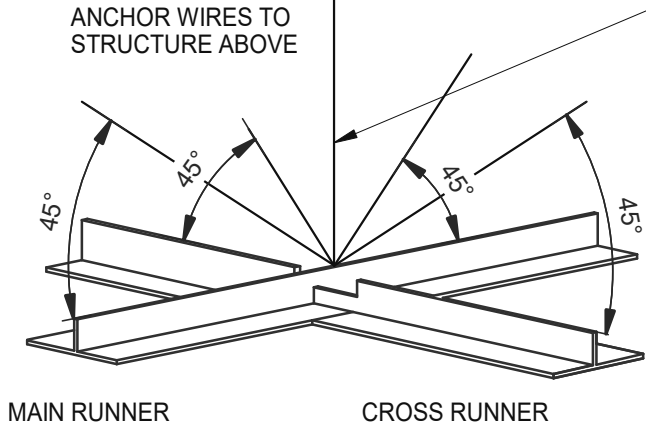
PROVIDE MINIMUM OF 2 SCREWS AT OPPOSIT CORNERS OF SUPPORT WIRES, OR SCREW ON T-BAR SAFETY CLIPS AT SIDES OR ENDS.

Light Fixture @ Susp. Clng.

12" = 1'-0"

8

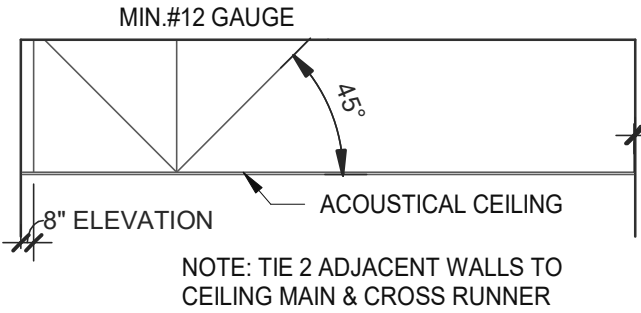
LATERAL BRACING: 4-12 GA. WIRES SECURED TO MAIN RUNNER WITHIN 2" OF CROSS RUNNER INTERSECTION AND SPLAYED 90° FROM EACH OTHER AT ANGLE NOT TO EXCEED 45° FROM THE PLANE OF THE CEILING TYP. @ 12'-0" EA. WAY BEGINNING 6'-0" MAX. FROM WALL.



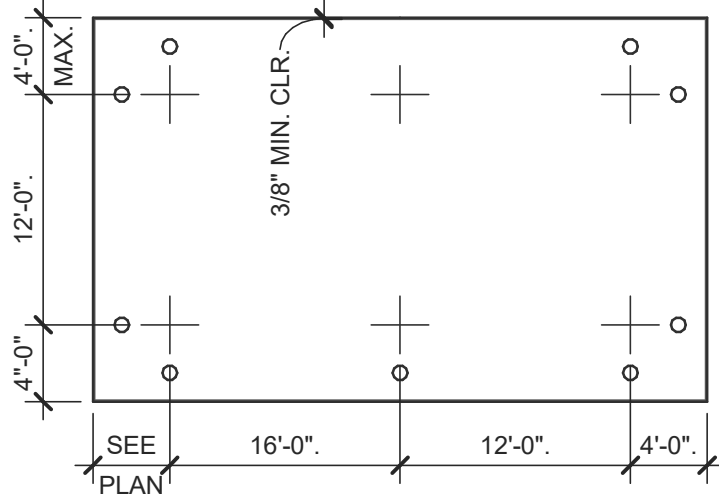
Suspended Acoustical Ceiling

3" = 1'-0"

9



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



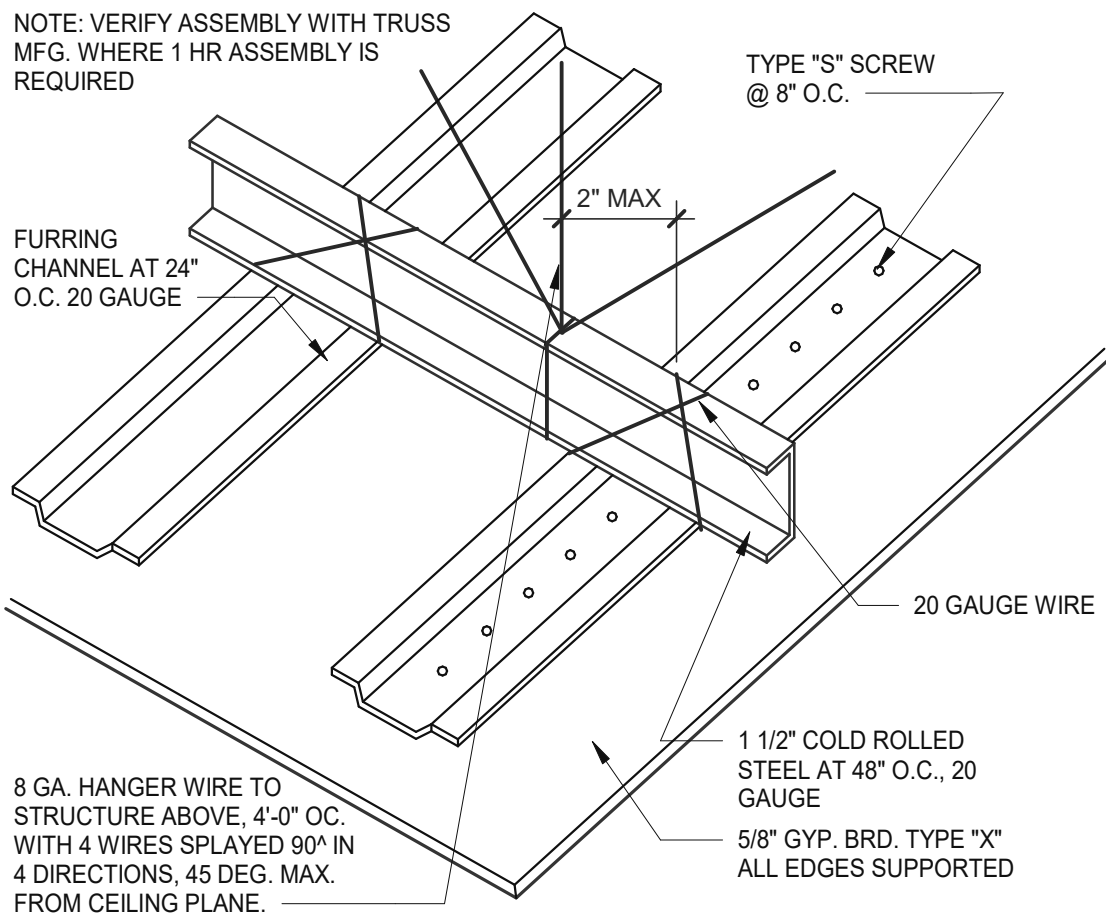
CEILING GRID USES #12 GAUGE SPLAY WIRE HANGERS AT 45 DEG. AND 90 DEG. TO EACH OTHER (4 WIRES) BEGINNING 48" FROM STARTING POINT OF GRID AND TILE LAYOUT AND IN BOTH DIRECTIONS AT 12'-0" THEREAFTER ALL CLEARANCES. TIES TO WALL, ETC. TO CONFORM TO STATE & LOCAL CODES.

Suspended Ceiling Grid

12" = 1'-0"

10

NOTE: VERIFY ASSEMBLY WITH TRUSS MFG. WHERE 1 HR ASSEMBLY IS REQUIRED



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

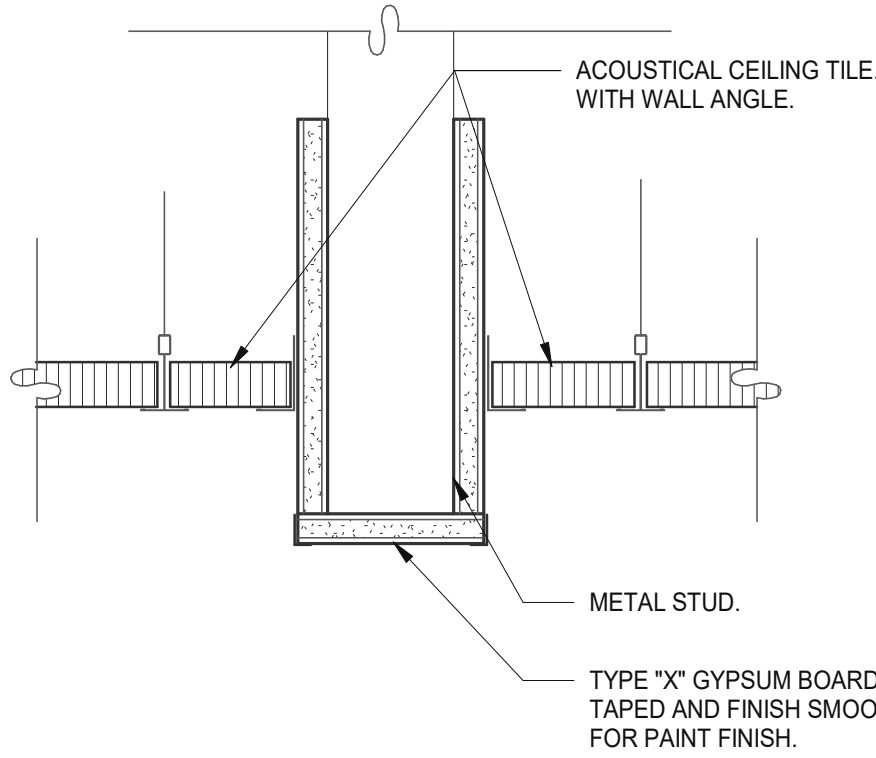
3" = 1'-0"

6

Ceiling Header Transition

3" = 1'-0"

5



MEMBER DEPTH:

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

STYLE:

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

FLANGE WIDTH:

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

MATERIAL THICKNESS:

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

CEILING SPAN TABLE NOTES:

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

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

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

Allowable Ceiling Spans-L/240

12" = 1'-0"

3

Mark S. Salopek, LLC

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PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 314877

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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



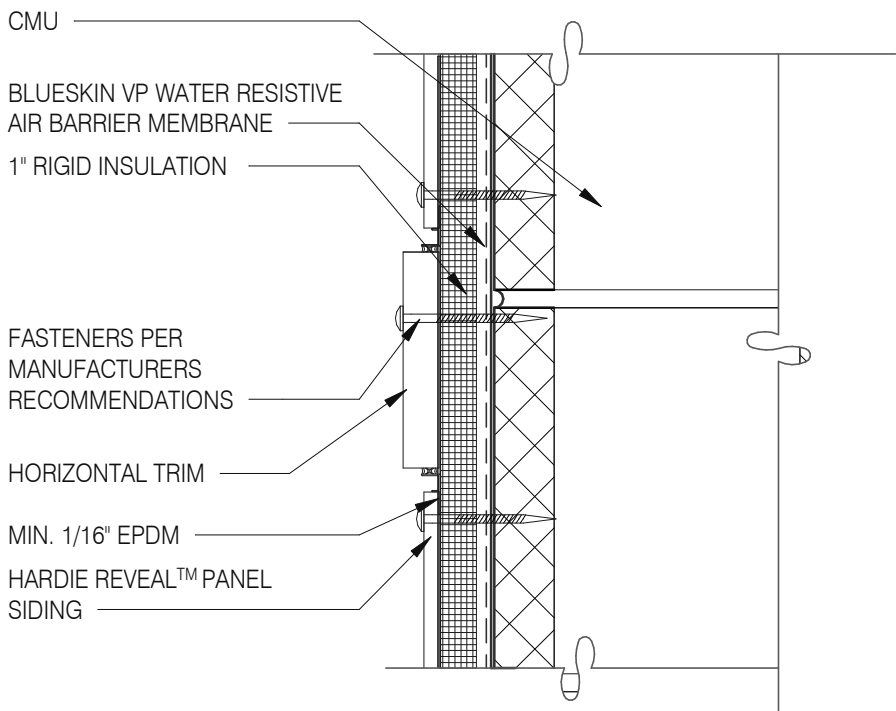
ENDEAVOR 2.0
CEILING
DETAILS

A6.5

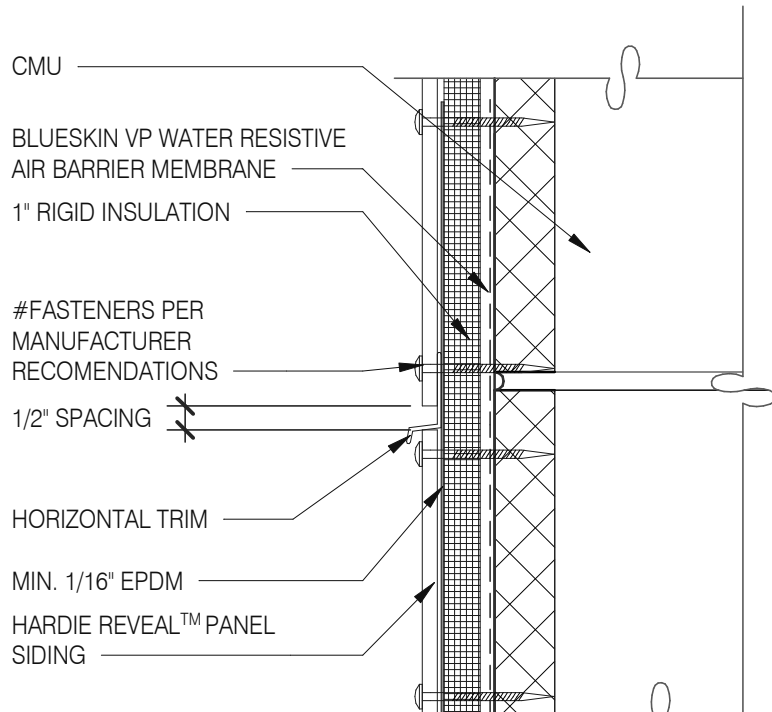
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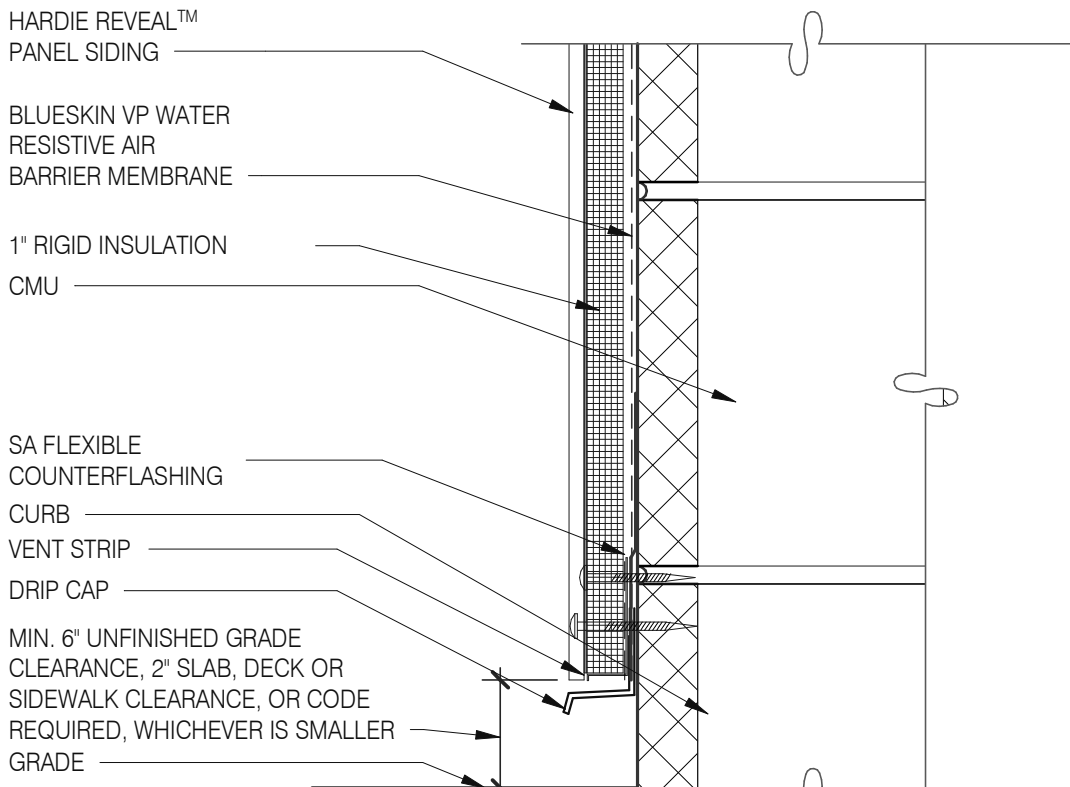
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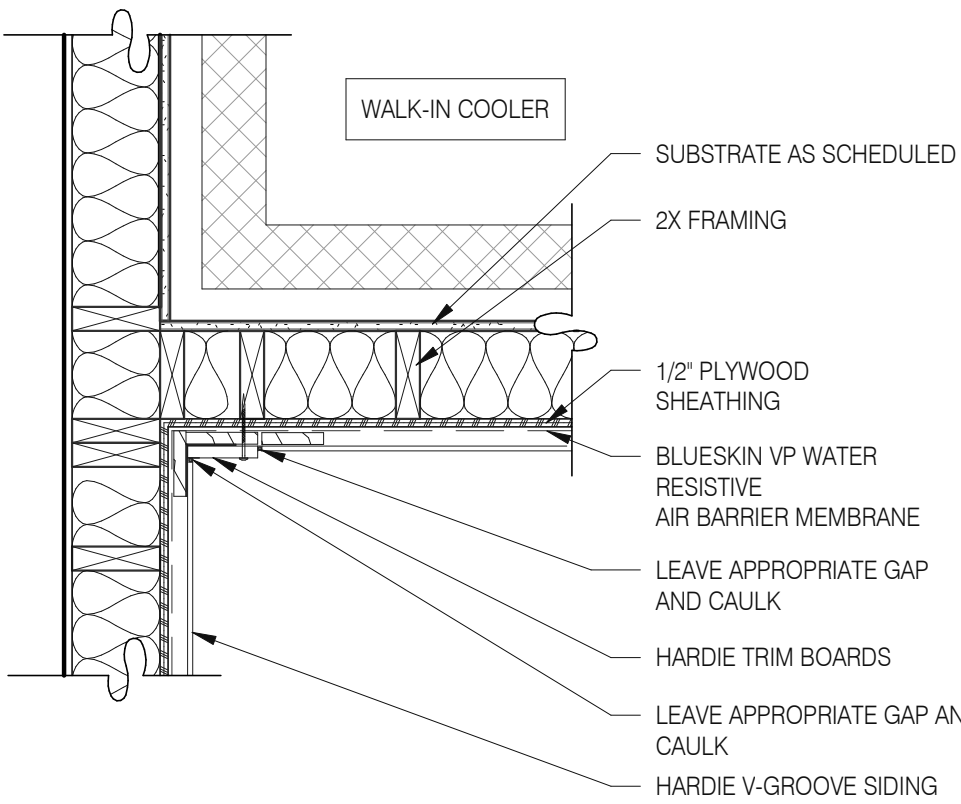
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" 13



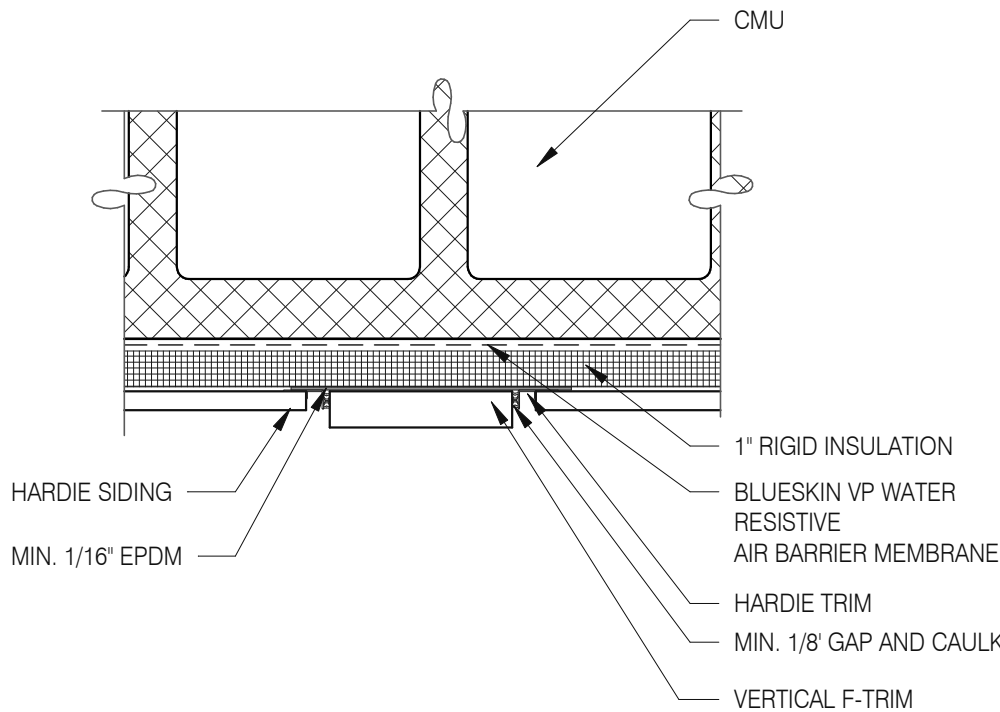
PANEL WITH HORIZONTAL TRIM 3" = 1'-0" 9



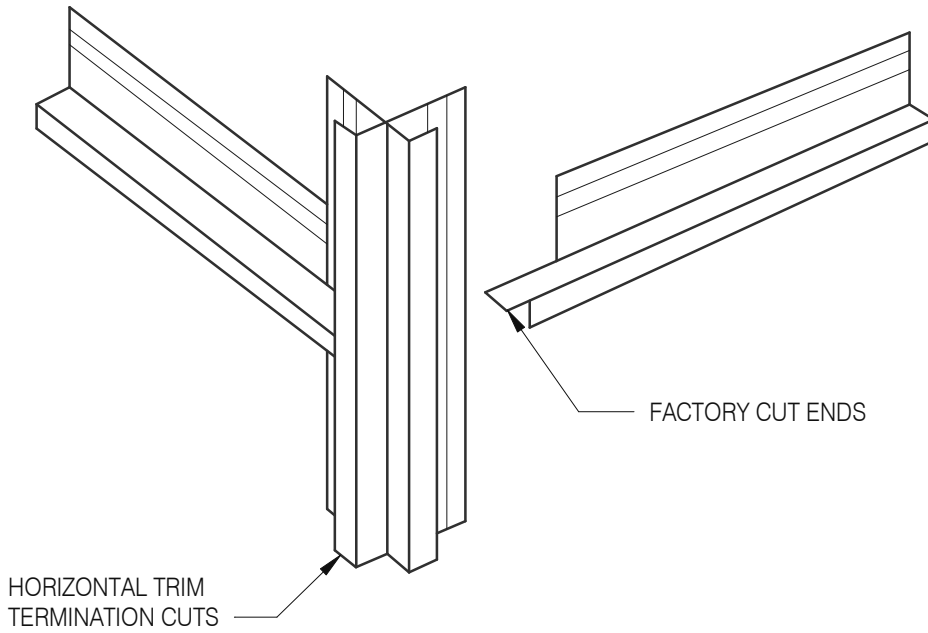
FOUNDATION @ GRADE 3" = 1'-0" 5



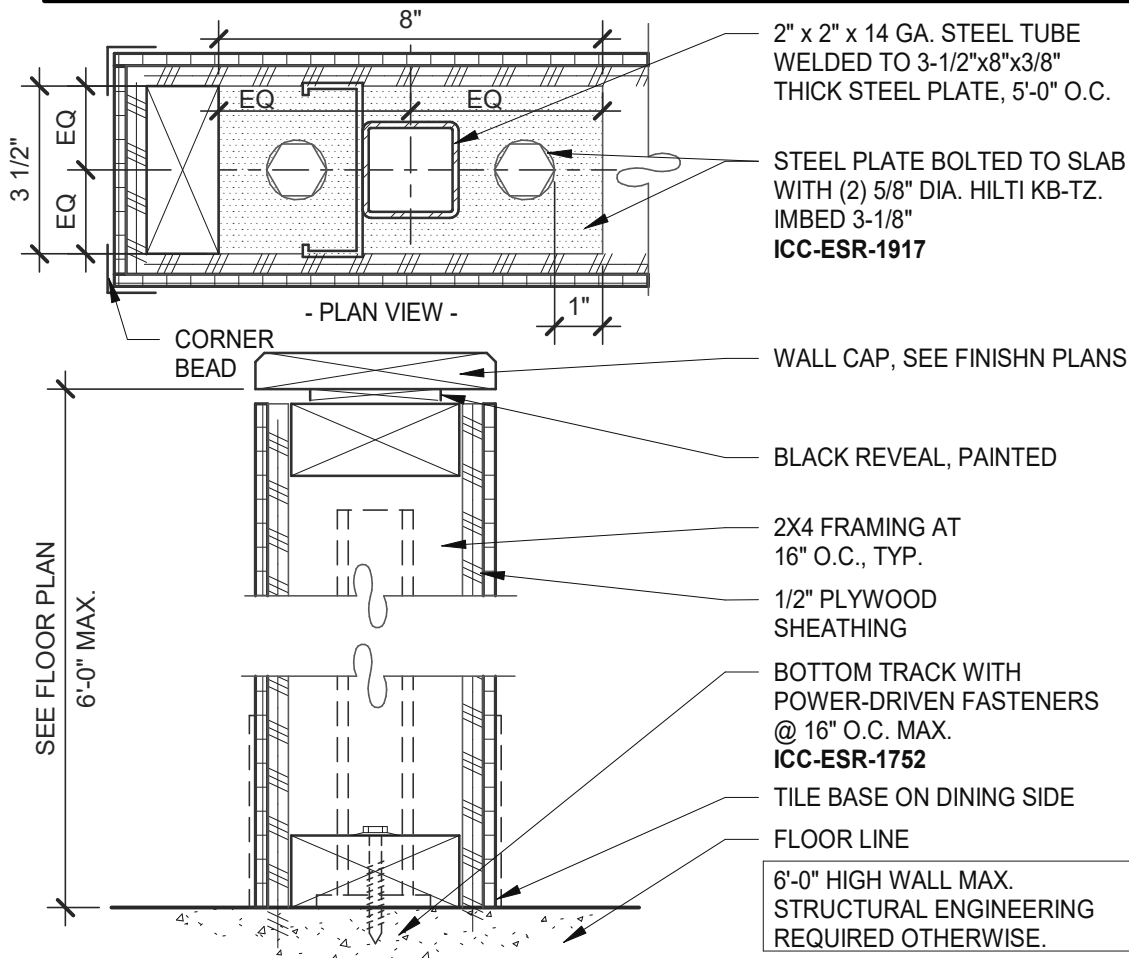
WALK-IN COOLER DETAIL 1" = 1'-0" 18



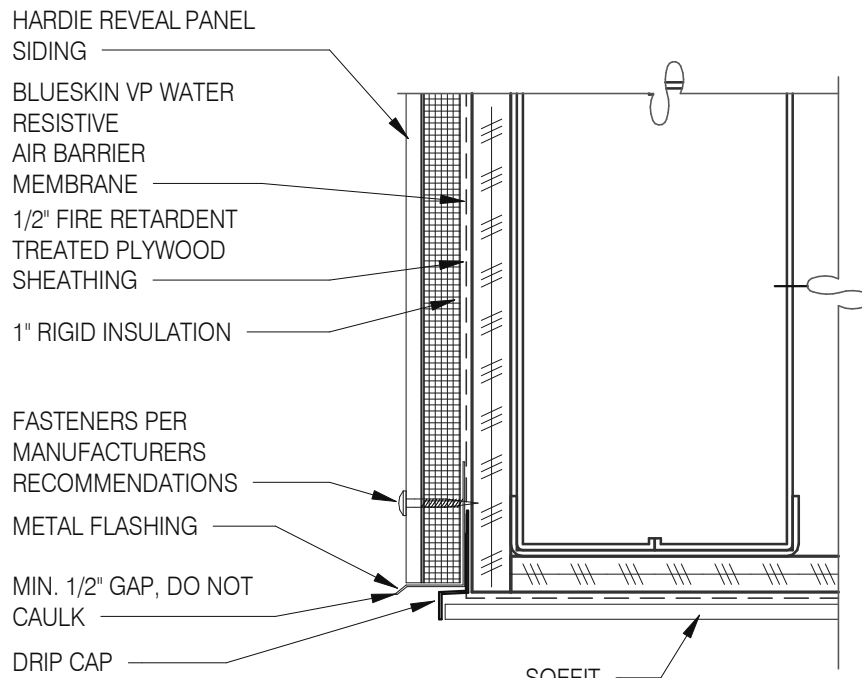
PANEL WITH VERTICAL TRIM 3" = 1'-0" 10



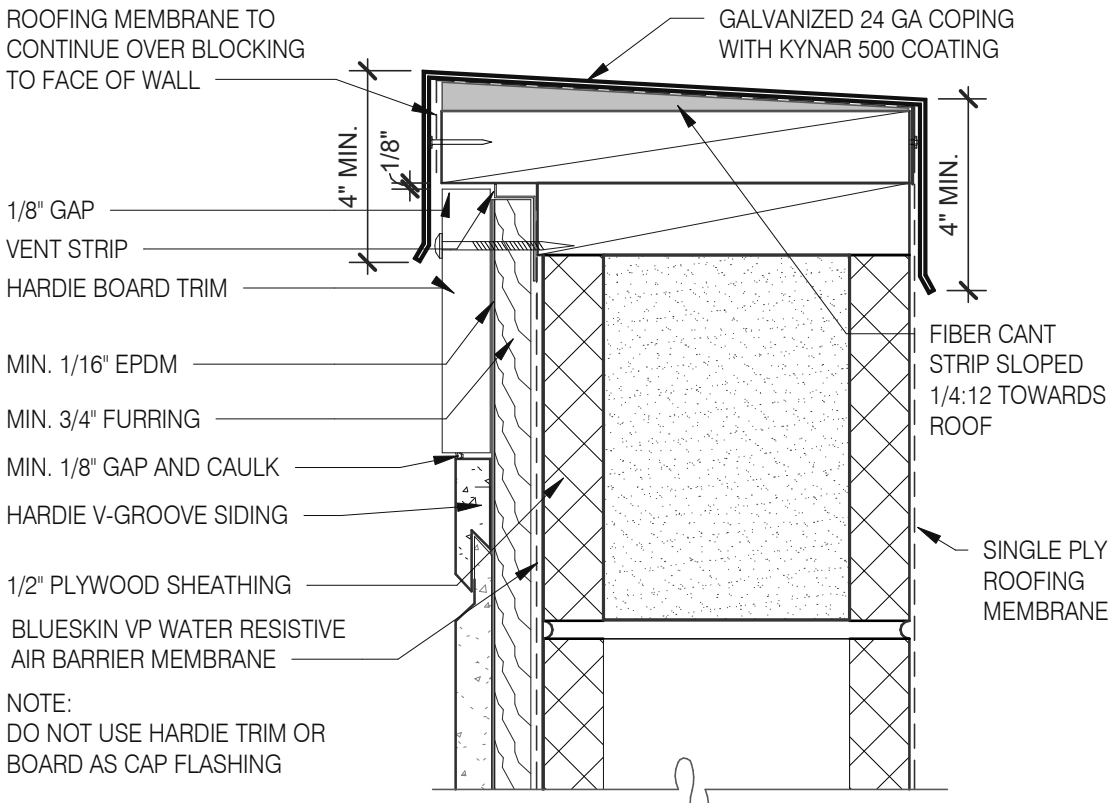
HOR. TRIM - TERMINATION N.T.S. 6



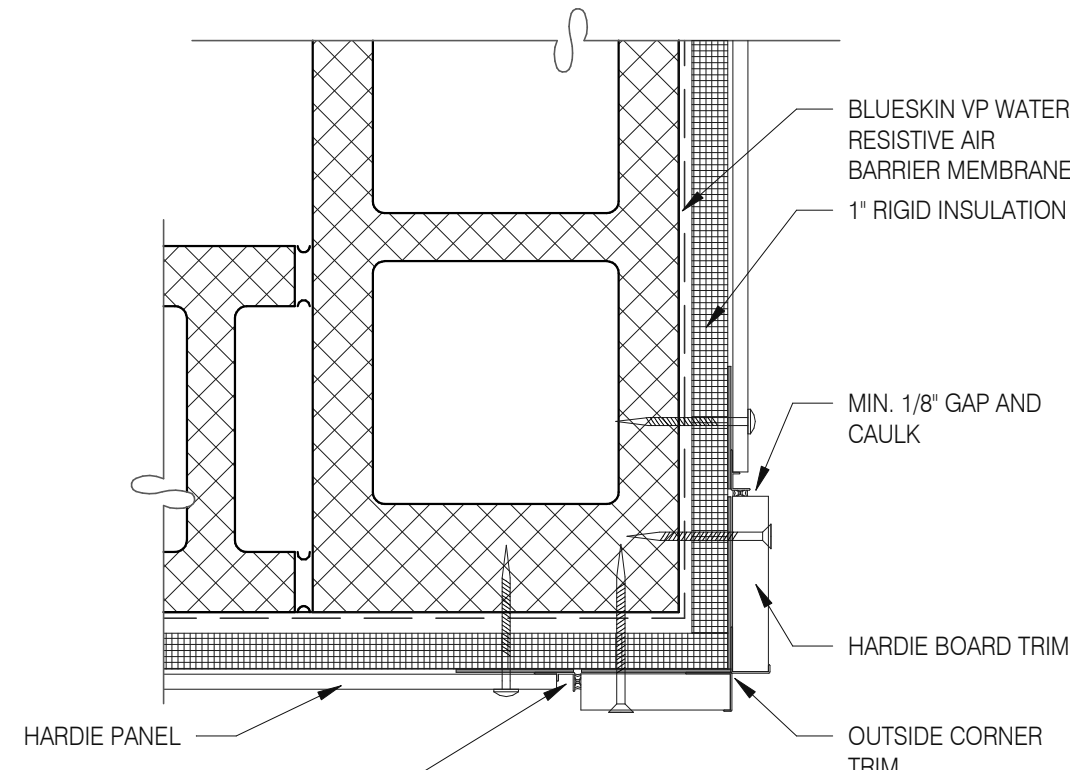
LOW WALL 3" = 1'-0" 15



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



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



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

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

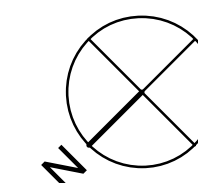
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
HARDIE BOARD
DETAILS

A6.6

PLOT DATE: 5/19/2022 11:26:53 AM



A

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED2020
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	314877
STORE NUMBER:	455564
PA/PM:	JC
DRAWN BY.:	MS
JOB NO.:	2021088.46

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Clermont, FL 34711



A7.0

PLOT DATE: 5/19/2022 11:26:56 AM

B. TILE JOINT (U.O.N.):

1. QUARRY FLOOR TILE: 1/4"
2. PORCELAIN FLOOR TILE: 3/16"
3. GLAZED WALL TILE: 1/8"
4. BASE, TRIM AND ACCESSORIES: MATCH ADJOINING TILE UNITS

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

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

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

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

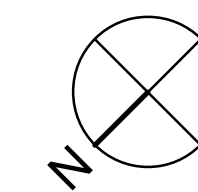
G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

501 FACTORY FLOOR FINISH (GALV STL) W/INTEGRAL COVE BASE.
502 6" COVE TILE BASE. SEE DETAILS 5 & 8/A6.3.
503 6" SANITARY COVE TILE BASE. SEE DETAILS 4, 6/A6.3.
504 PROVIDE FLOOR TILE INSIDE WALK-IN COOLER (NO TILE OR BASE IN
FREEZER). FLOOR 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 FLOOR 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.

D

C

B



CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED2
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	314877
STORE NUMBER:	455564
PA/PM:	JG
DRAWN BY.:	MS
JOB NO.:	2021088.46

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
REFLECTED
CEILING PLAN

A7.1

PLOT DATE: 5/19/2022 11:27:00 AM

REFLECTED CEILING PLAN NOTES

B

DIMENSIONS:

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

CEILING FINISHES:

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

SUSPENDED CEILING:

A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.

B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.

C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS, 2" MAX.

D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK.

E. SEE SPECS FOR ADDITIONAL INFORMATION.

GYPSUM BOARD CEILING:

A. SUBSTRATE SHALL BE 1/2" THICK GYP. BD.

B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.
GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.

ELECTRICAL:

A. SEE ELECT. DWGS. FOR FIXTURE SCHED.

601 CEILING GRID AT STARTING POINT.
602 BULKHEAD @ 8'-0" A.F.F.
603 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE
OF WORK.
604 6" DIAMETER PVC STUB THROUGH CEILING. SEE DETAIL 10/A6.4.
605 HOOD, SEE MECHANICAL DRAWINGS.
606 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL
RESTROOMS).
607 DRIVE-THRU CANOPY.
608 ROOF HATCH.
611 VERTICAL DOWNSPOUT.
612 SPEAKER. CENTER ON CEILING TILE. UON.
613 PENDANT LIGHTING.
614 EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECTRICAL
DRAWINGS.
615 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
616 EMERGENCY DUAL HEAD FIXTURE. SEE ELECTRICAL DRAWINGS.
617 SECURITY STROBE LIGHT, REFER TO ELECTRICAL DRAWINGS.
618 FAN COIL FOR WALK-IN.
620 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT CENTERLINE OF
BOX 7'-11" A.F.F.
621 30"x30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FINISH WITH GYP.
BD.
625 AWNING, SEE SCOPE OF WORK.
626 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 11/A6.4.

627 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR
SCREEN.

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
FINISH
SCHEDULE

A7.2

PLOT DATE: 5/19/2022 11:27:01 AM

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

WESTERN STATES METAL ROOFING

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D: (602) 422-2696
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CORIAN

DAVID GREENING
NA COMMERCIAL SALES
FOOD SERVICE/ RETAIL SEGMENT SALES LEADER
CORIAN DESIGN
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DAVID.P.GREENING@DUPONT.COM

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MATT PETERSEN
CELL: (707)536-8271
MATTHEW.PETERSEN@JAMESHARDIE.COM

CREATIVE MATERIALS CORP.

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CLIENT SERVICES SUPERVISOR
ONE WASHINGTON SQUARE, ALBANY, NY 12205
P: (518) 452-9694
D: (518) 713-5395
APICHE@CREATIVEMATERIALSCORP.COM

SHERWIN WILLIAMS

SUNNY PATEL
NATIONAL ACCOUNT EXECUTIVE
2100 W. ORANGEWOOD AVE. SUITE 100
ORANGE, CA 92868
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SUNDEEPKUMAR.PATEL@SHERWIN.COM

WOLF GORDON

JESSICA ROSE
(213)999-1141
JESSICA.ROSE@WOLFGORDON.COM

USG CORPORATION

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TTOMANEK@USG.COM

MARLITE

DAN EGBERS
REGION SALES MANAGER -
SPECIFICATIONS MARLITE, INC.
P: (800) 377-1221
M: (330) 260-7633
1 MARLITE DRIVE, DOVER, OH 44622
www.marlite.com
degbers@marlite.com

MAPEI

LISA FYKE
ARCHITECTURAL REPRESENTATIVE
MAPEI CORP.
(909) 247-5324
LFYKE@MAPEI.COM

A72_FINISH CONTACTS

N.T.S.

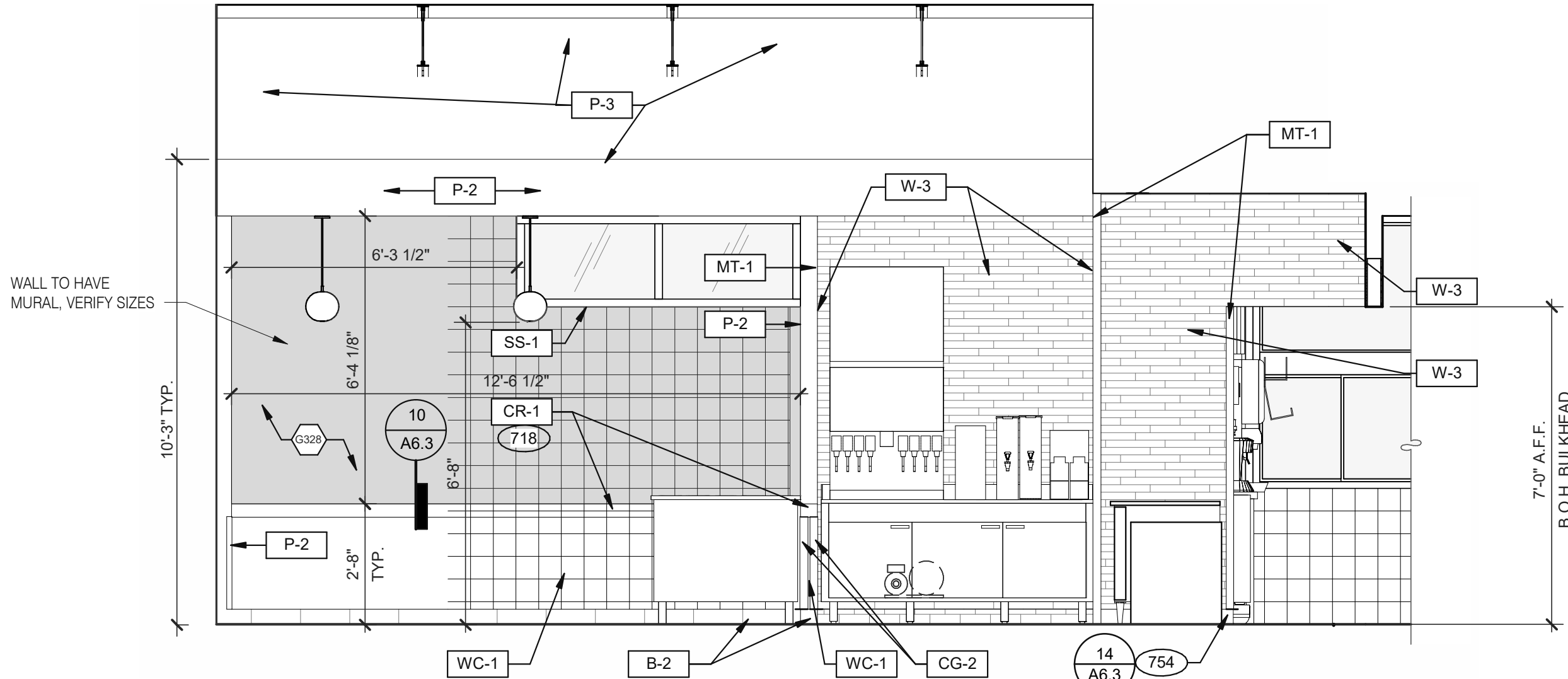
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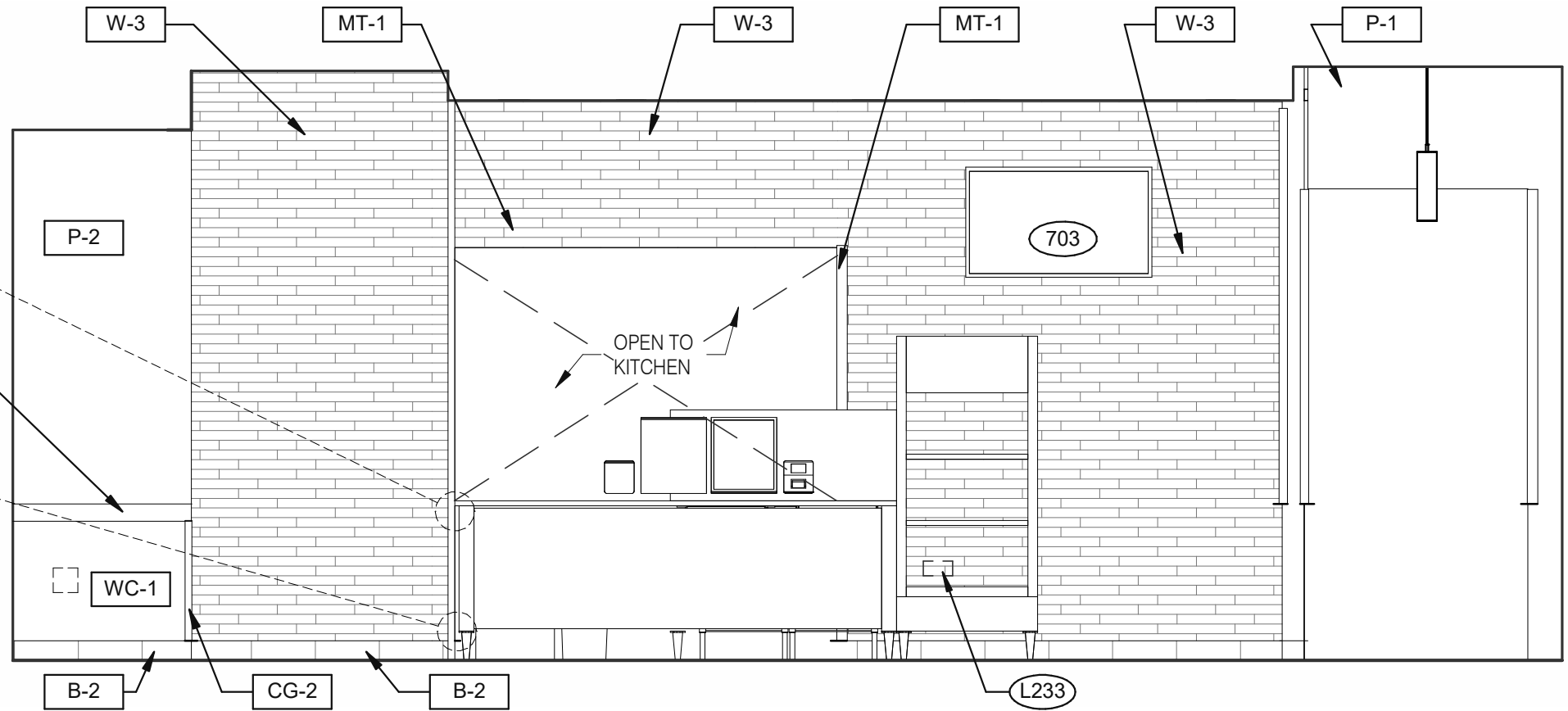
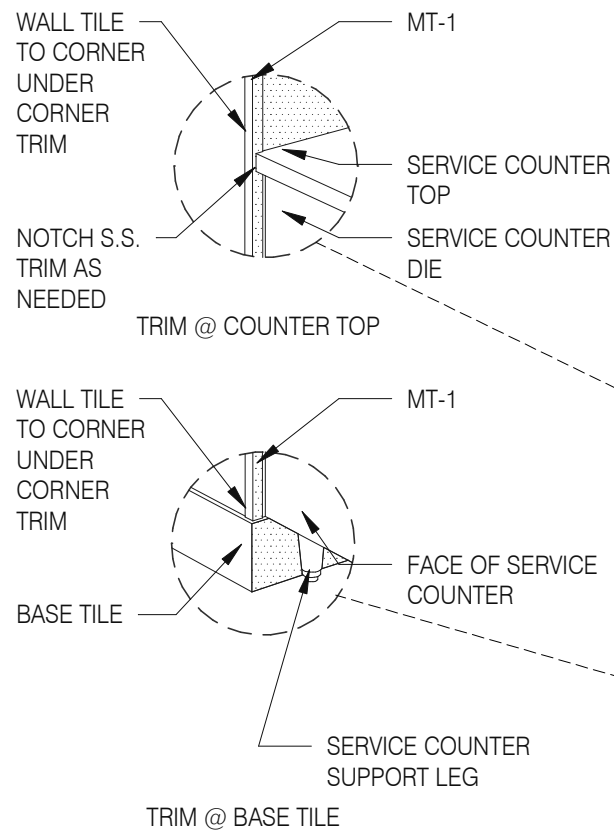
B

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

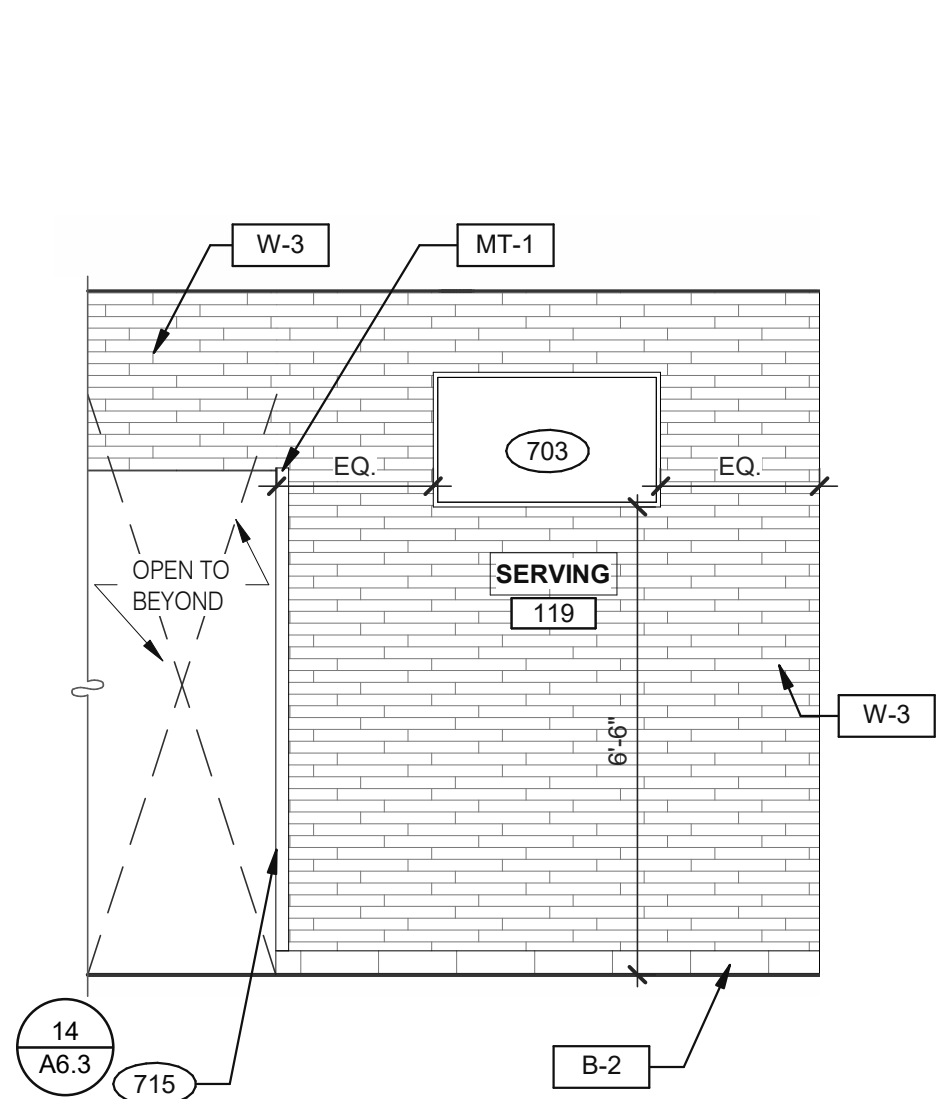


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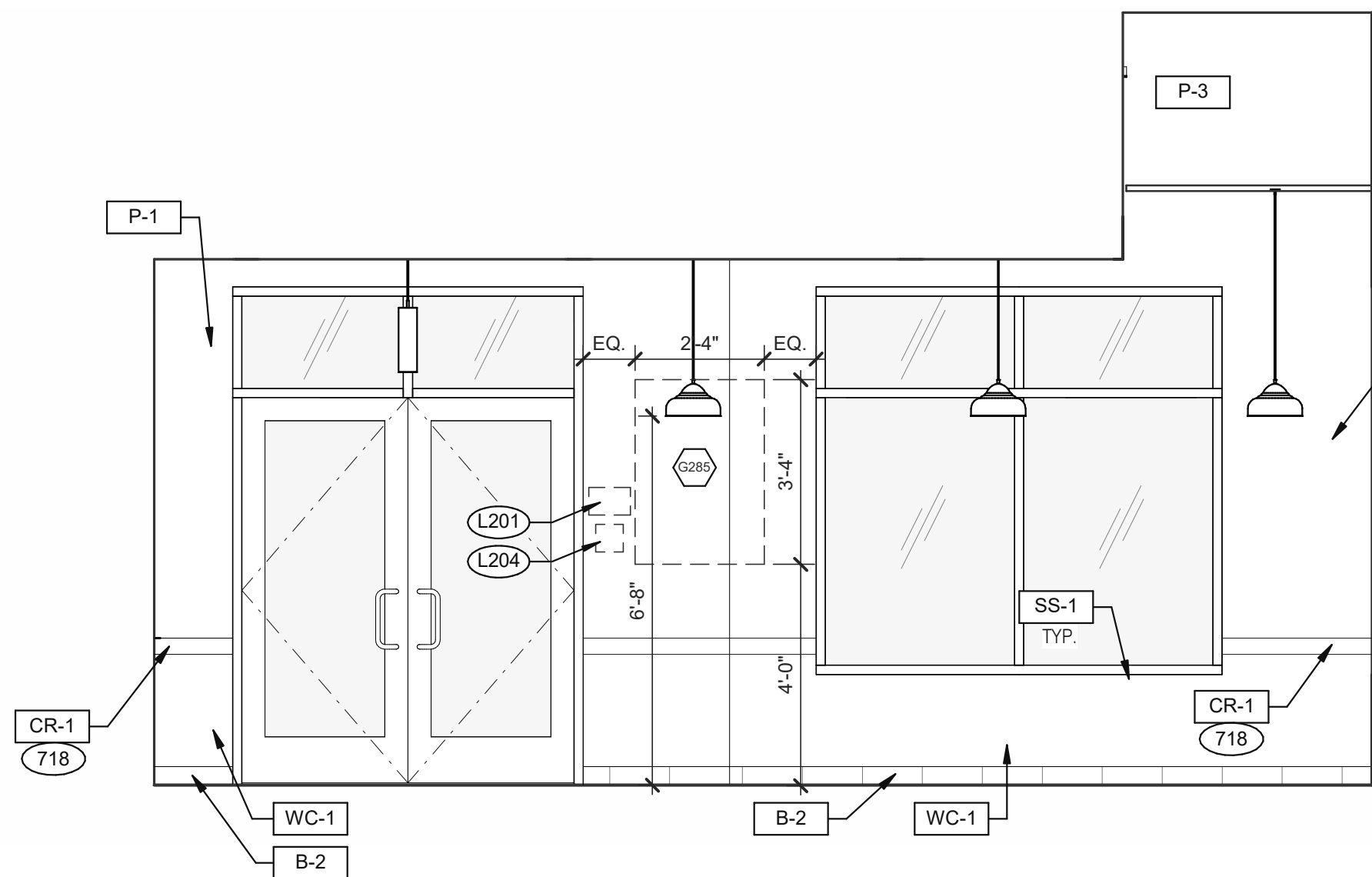


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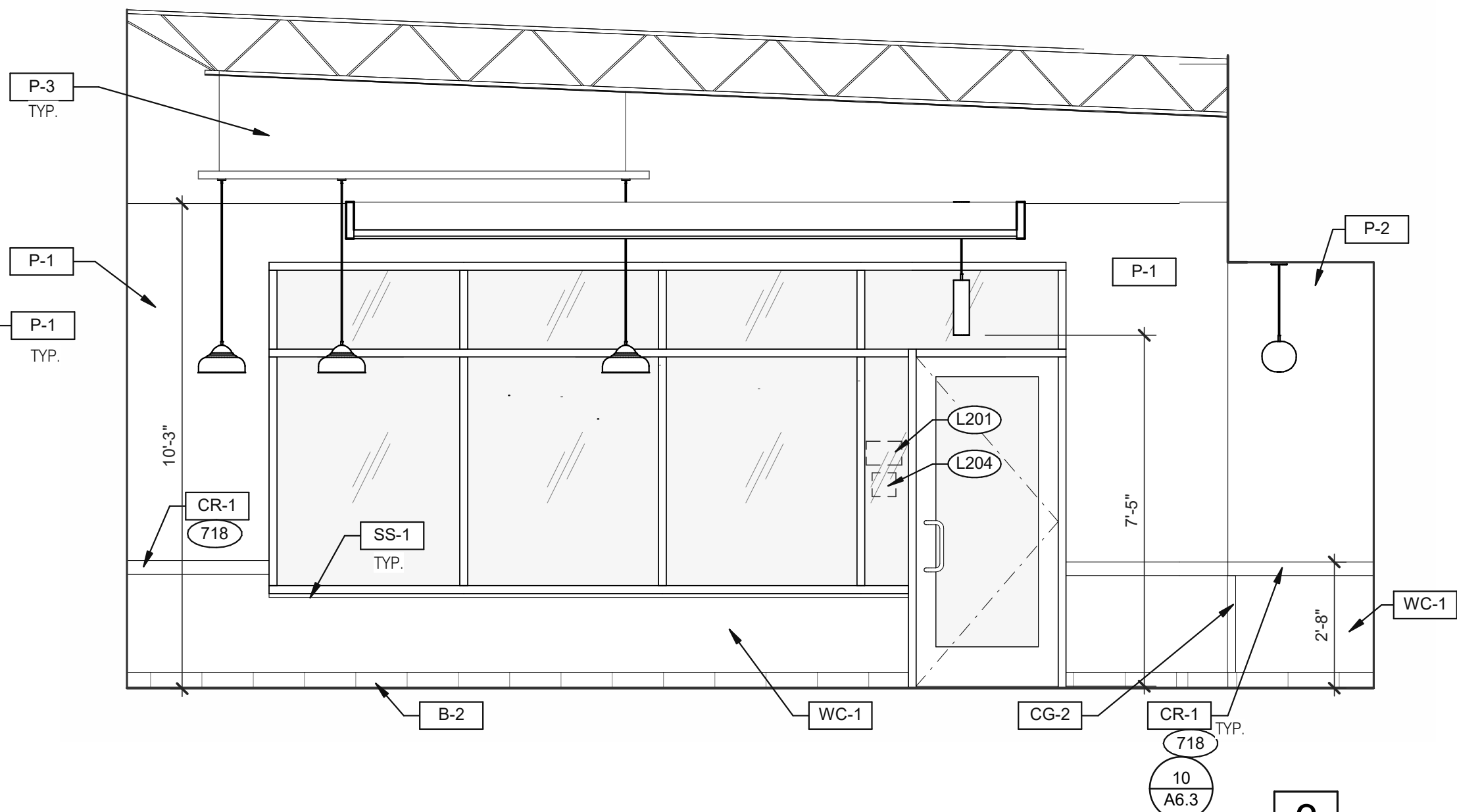
DINING 3/8" = 1'-0"



5

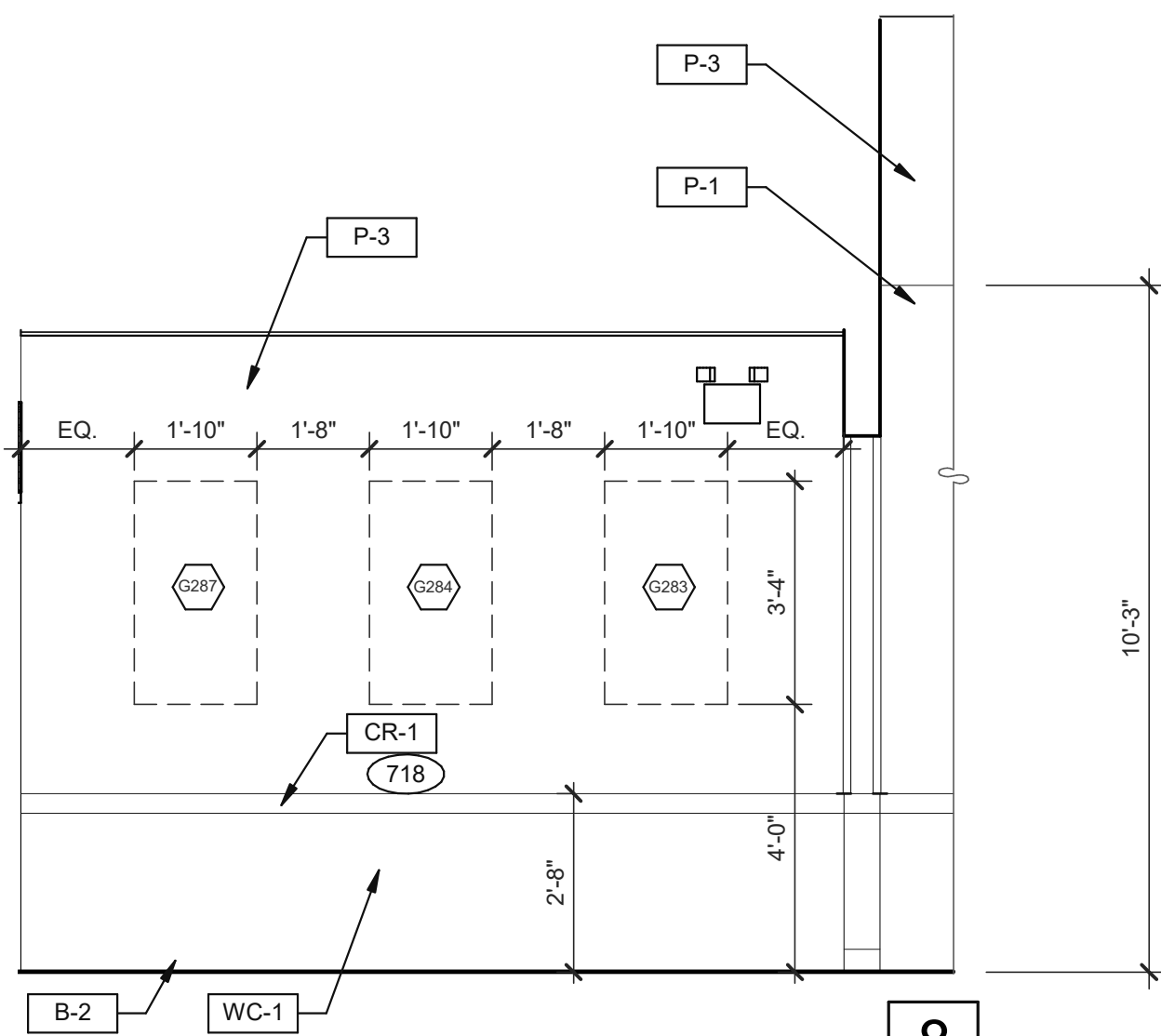


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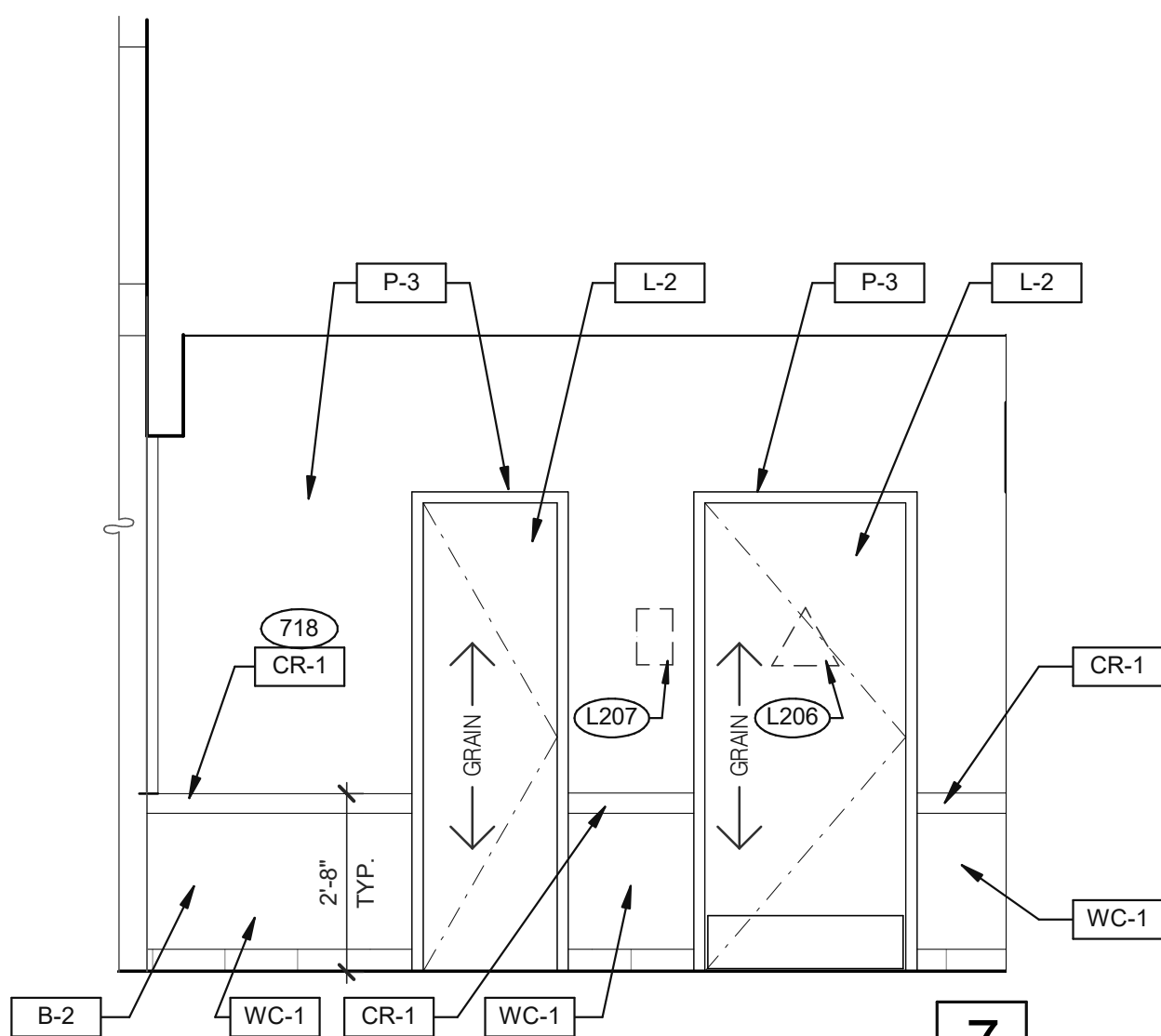


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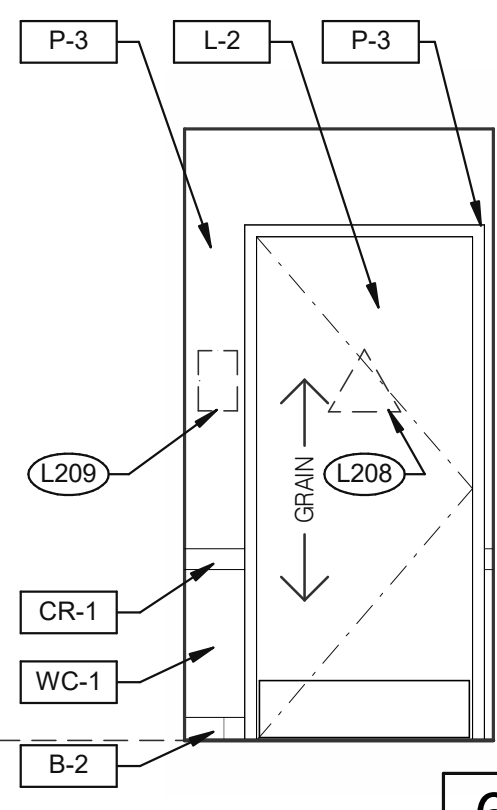
DINING 3/8" = 1'-0"



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

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TACO BELL

NWC Hammock Ridge & Hwy 27
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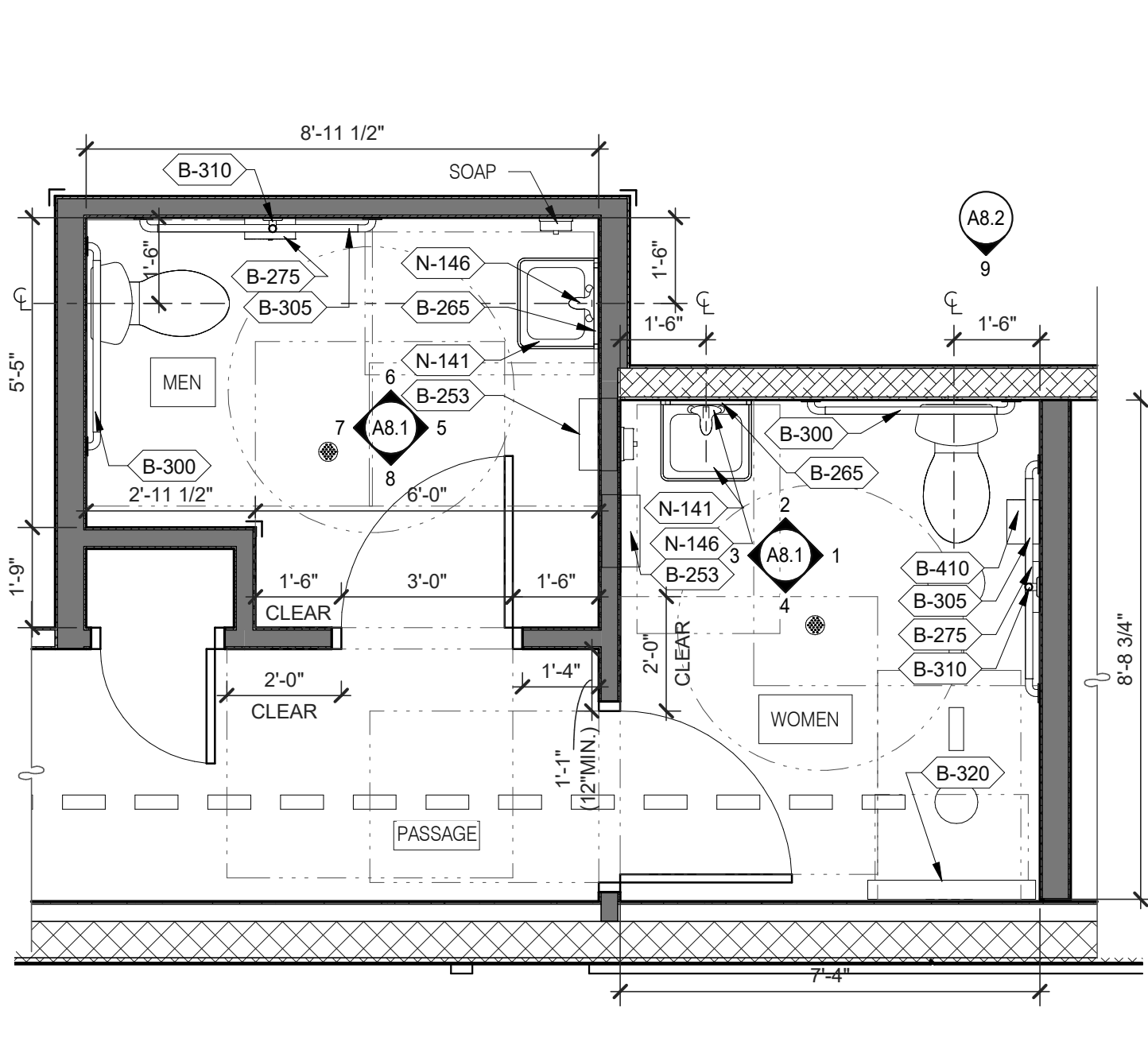
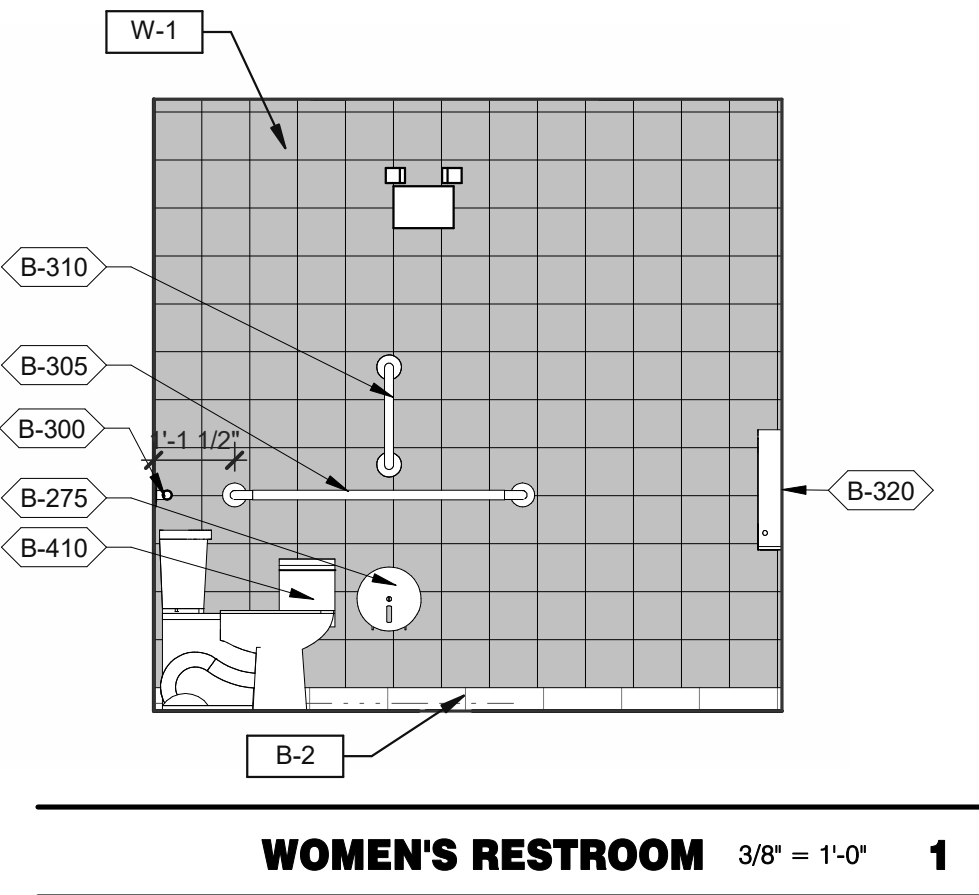
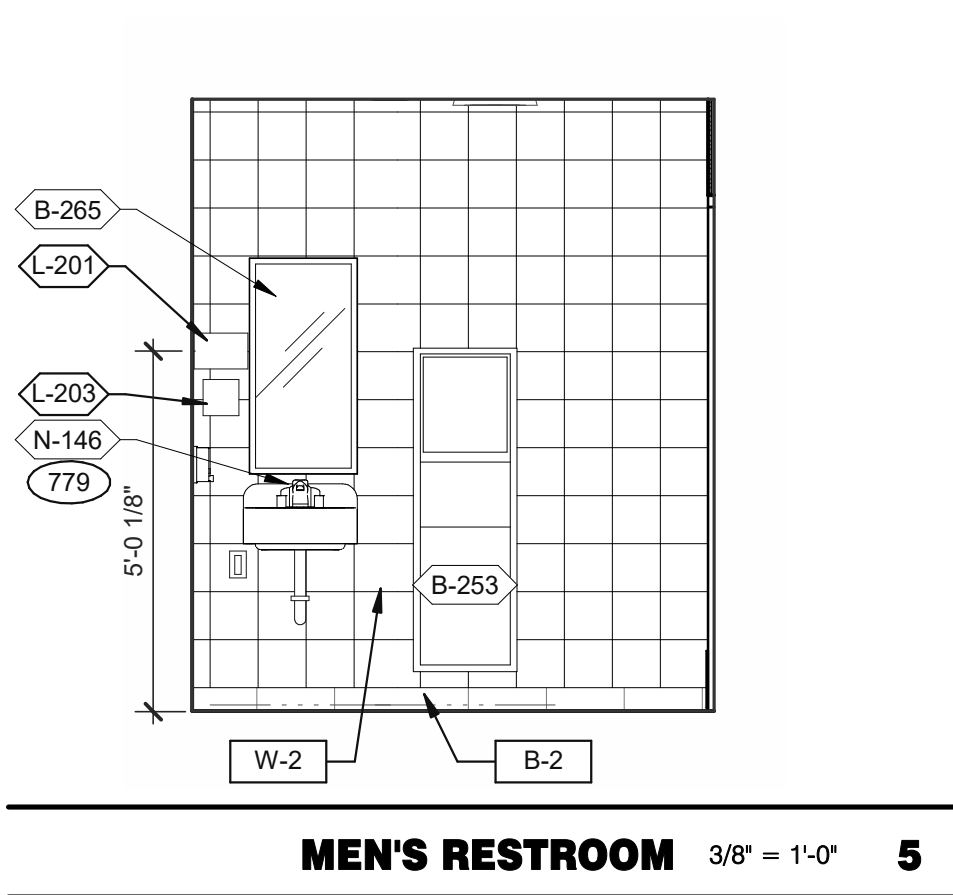
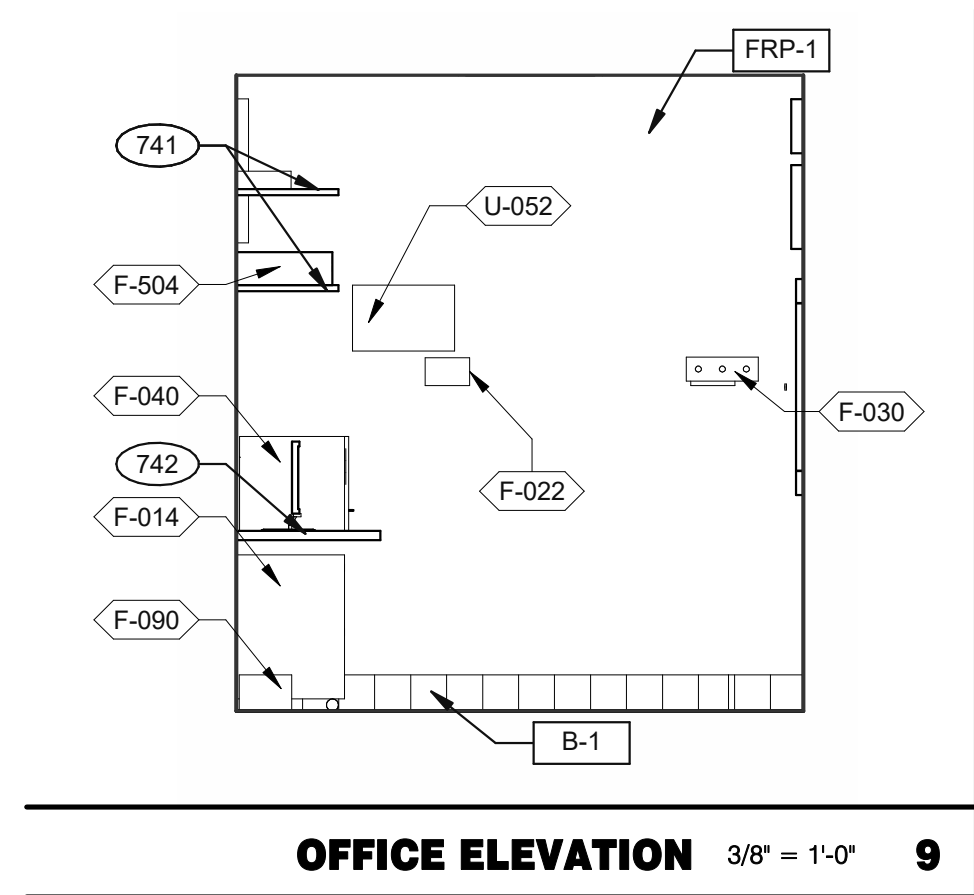
ENDEAVOR 2.0
INTERIOR
ELEVATIONS
DINING ROOM

A8.0

PLOT DATE: 5/19/2022 11:27:07 AM

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

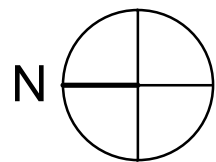


- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0
- C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
- D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES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

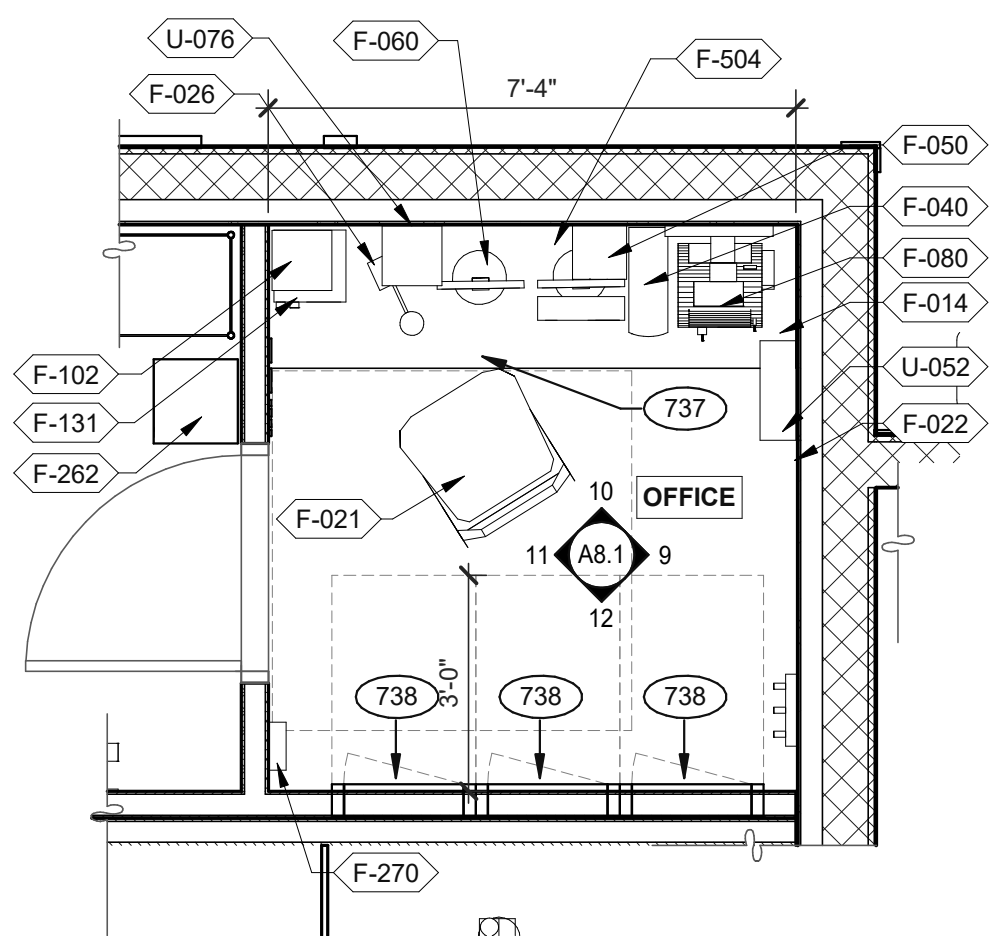
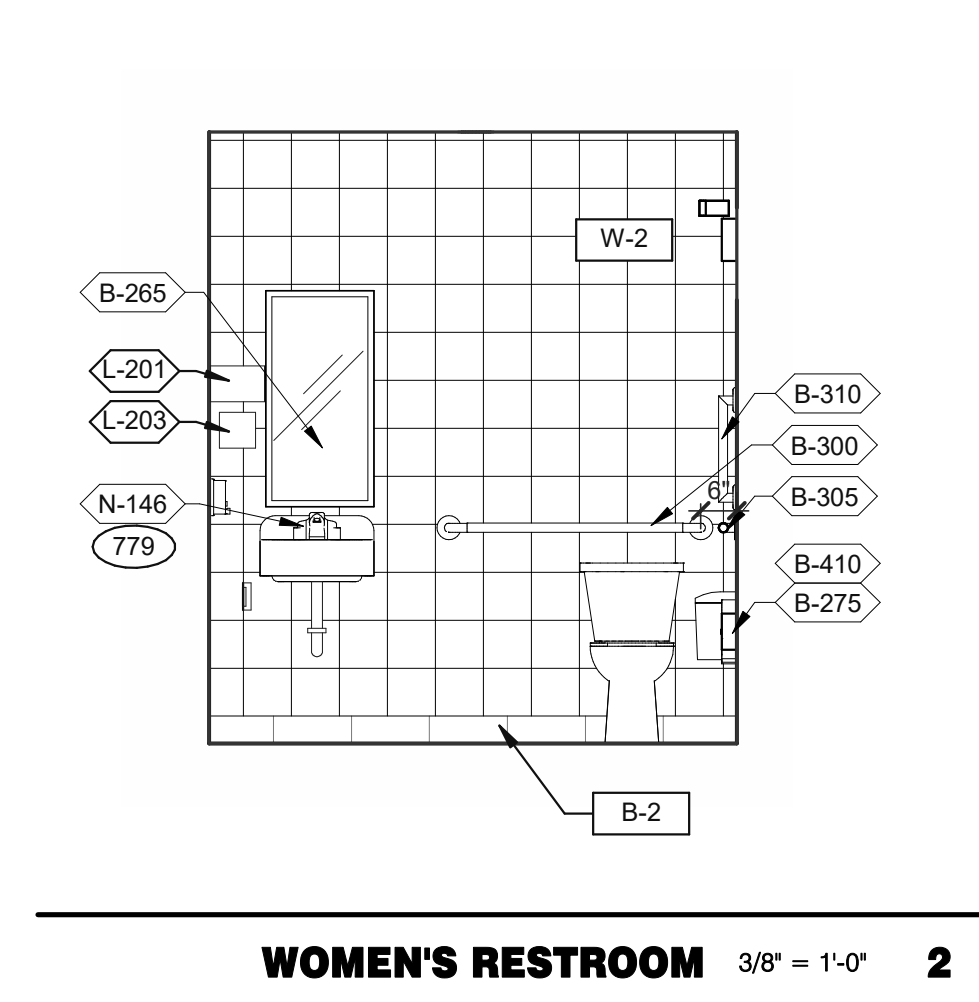
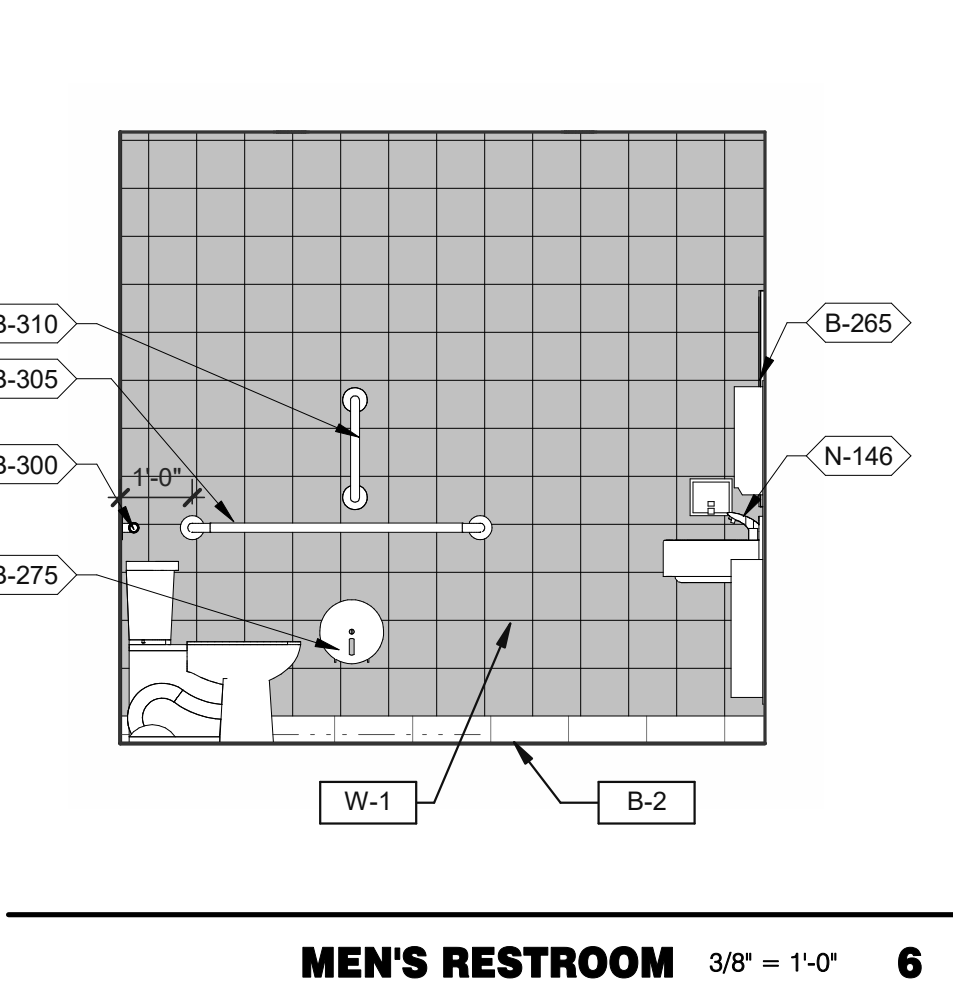
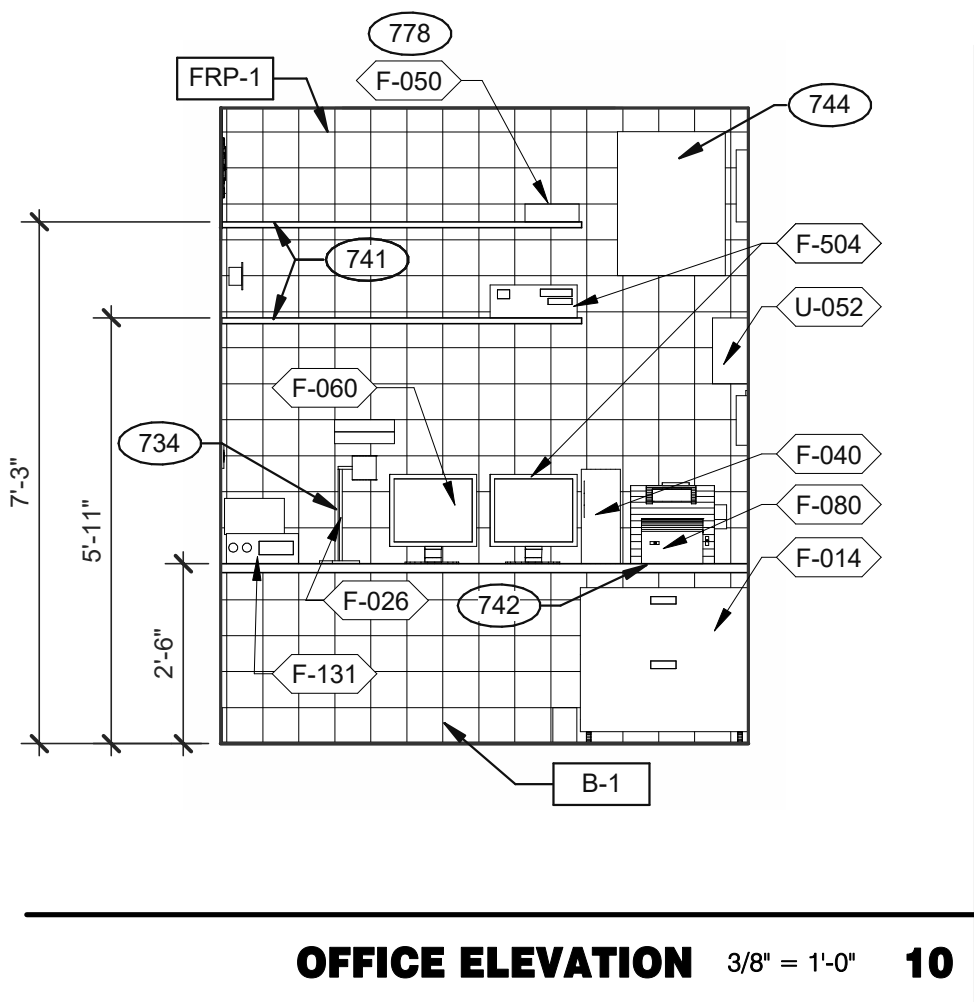
ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.

* ABSOLUTE DIMENSION

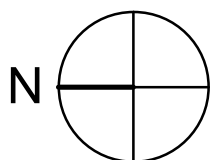
DESIGNER NOTE:
REFER TO G4.0 & G4.1 FOR SIGNAGE
REFER TO SHEET A-2.1 FOR FIXTURE LIST.



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



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



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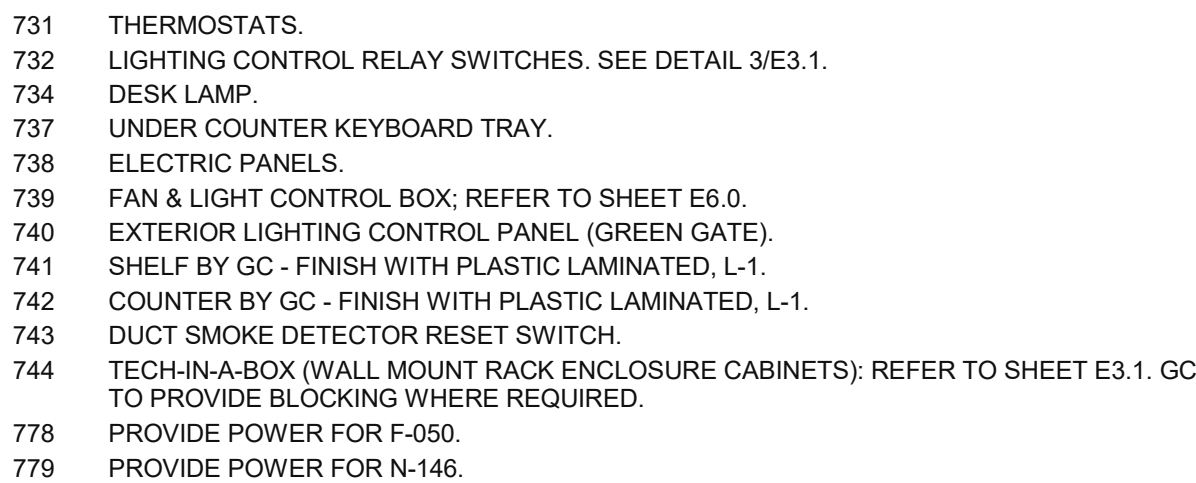
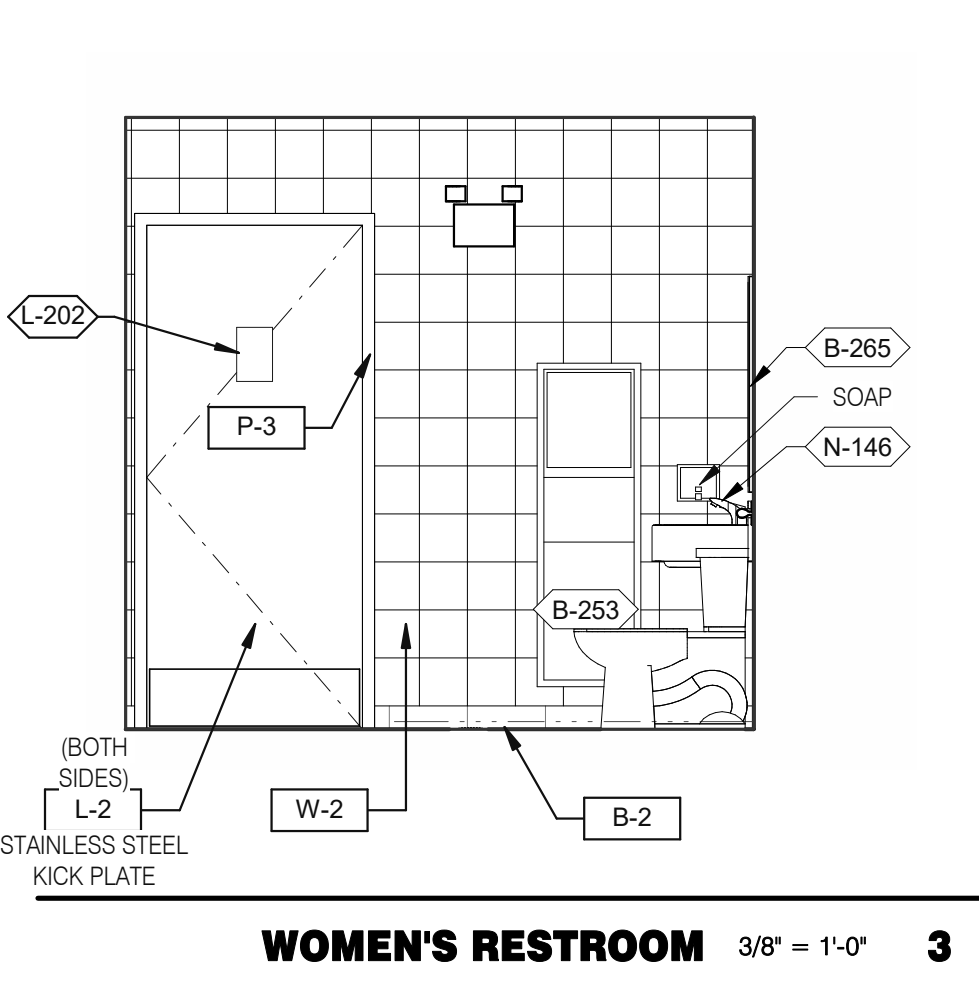
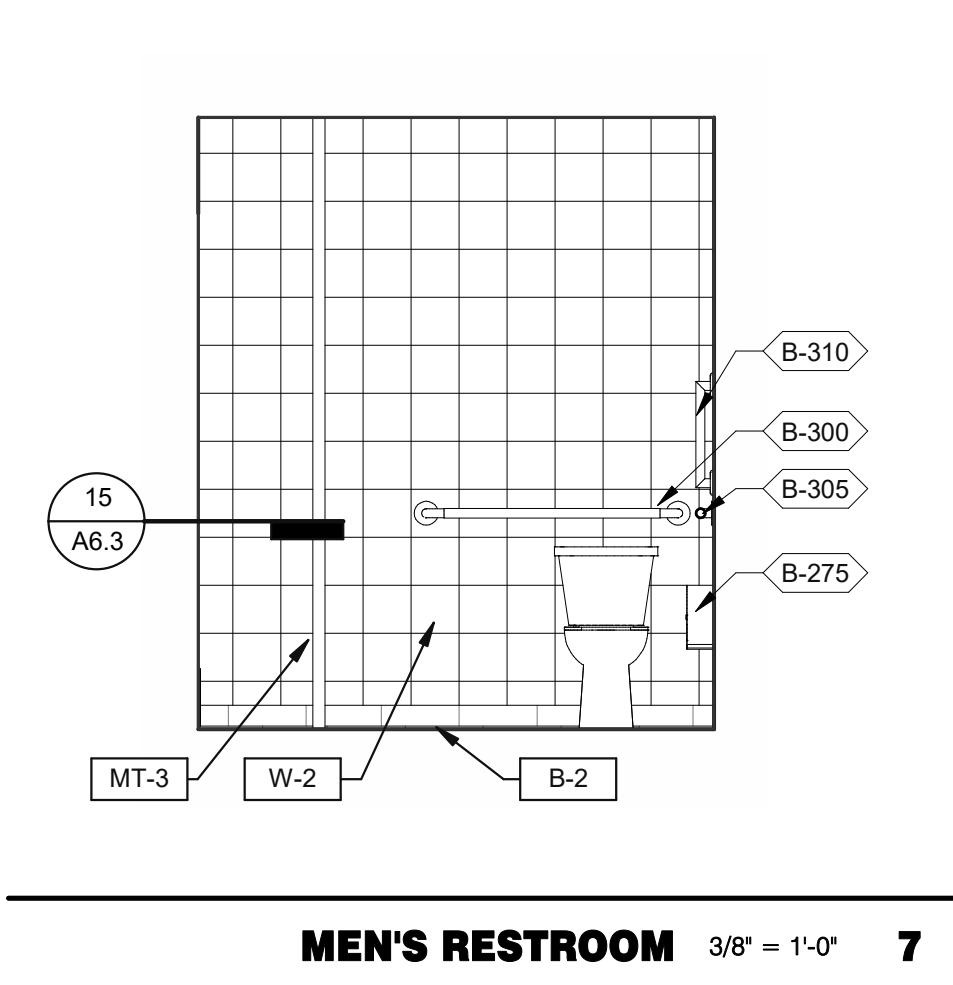
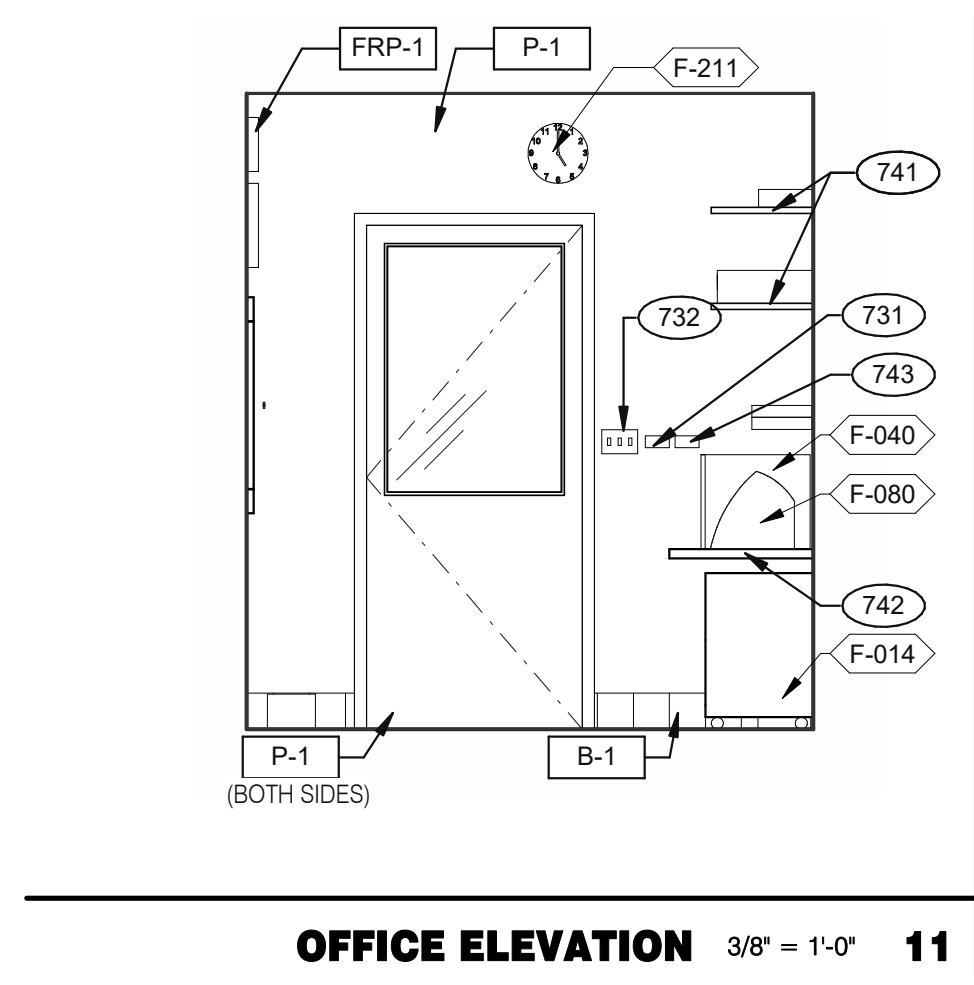
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
INTERIOR ELEV.
ENLARGED
RESTROOMS &
OFFICE PLAN

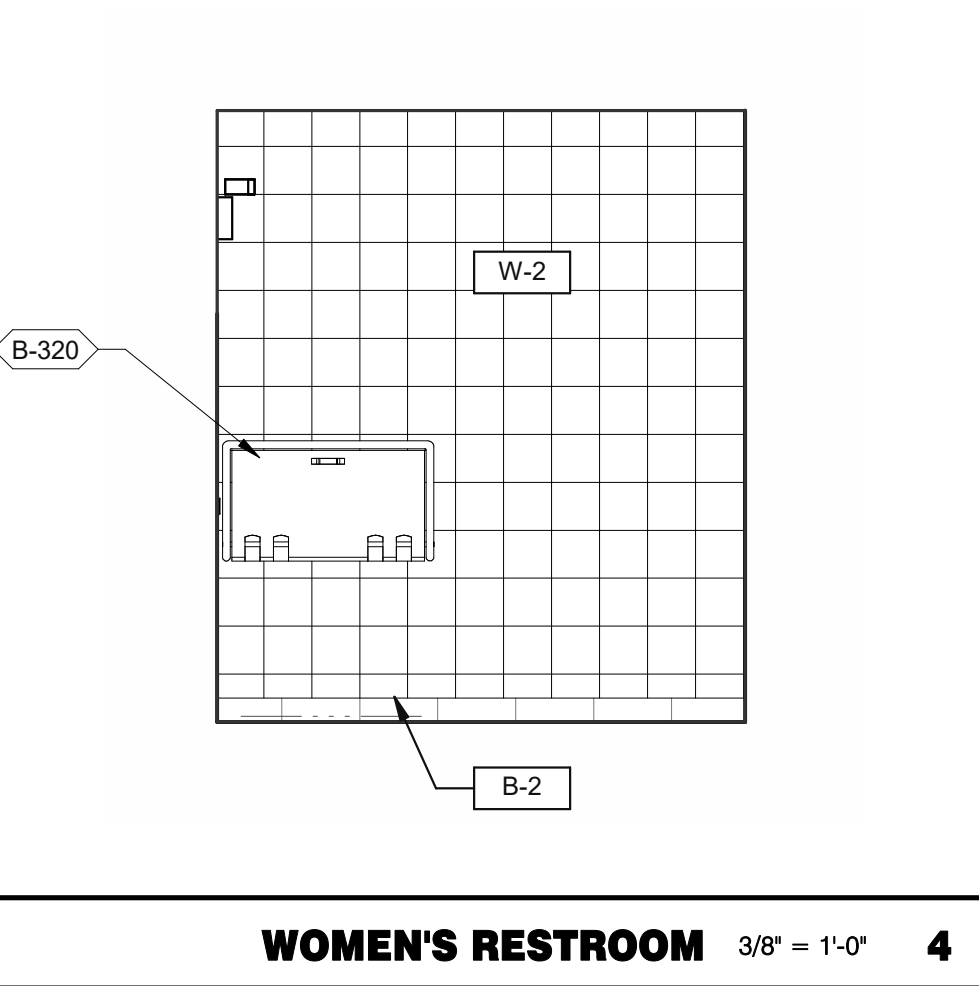
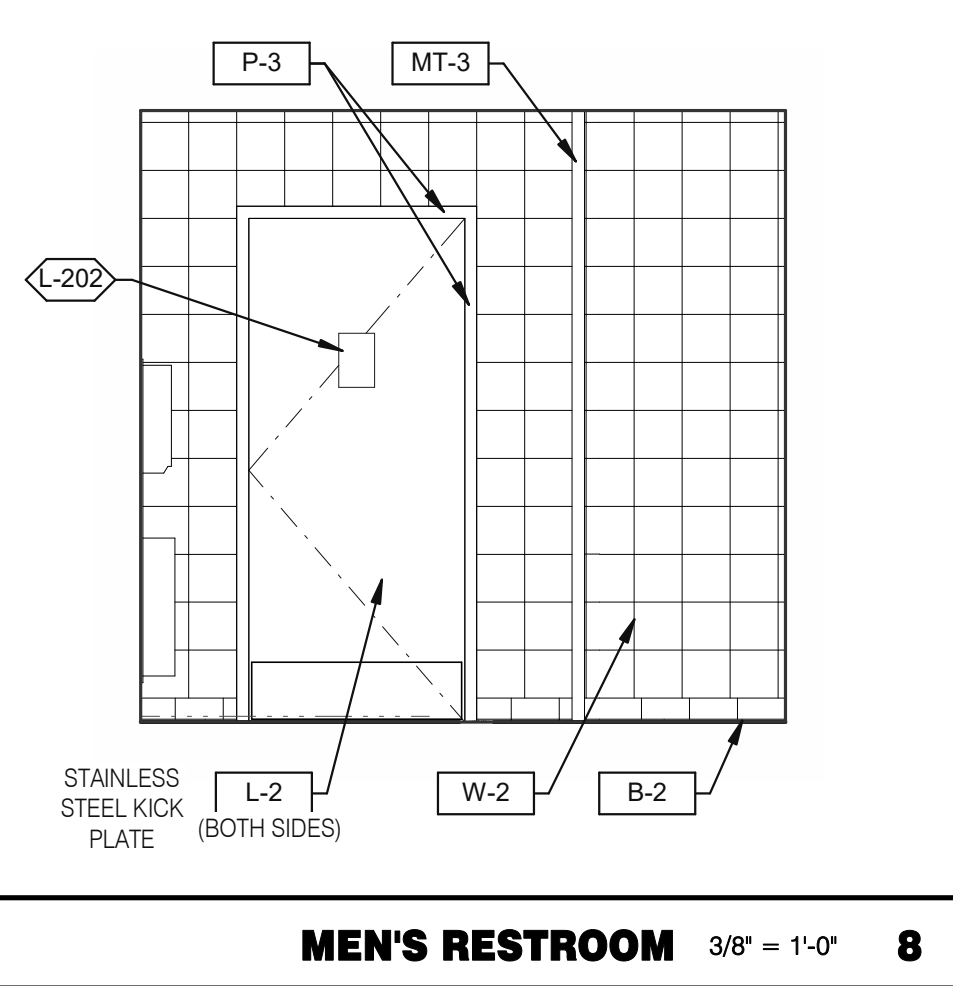
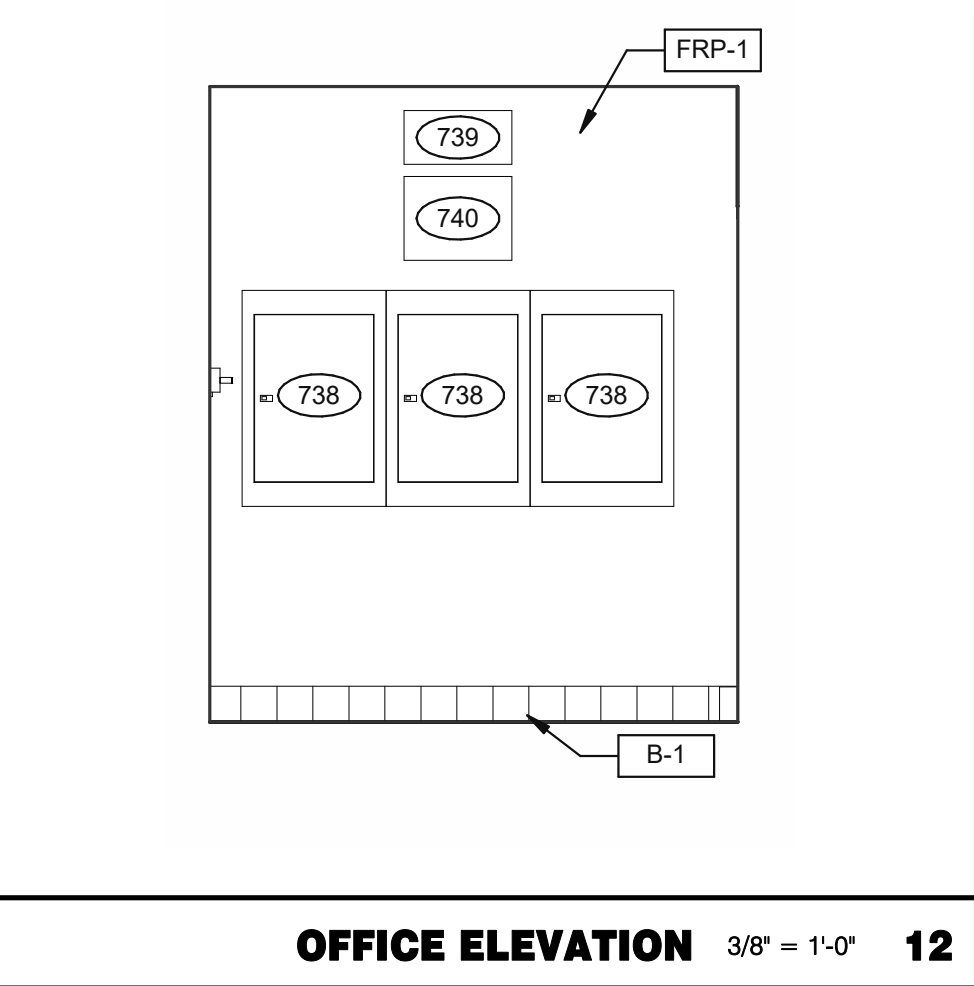
A8.1

PLOT DATE: 5/19/2022 11:27:17 AM



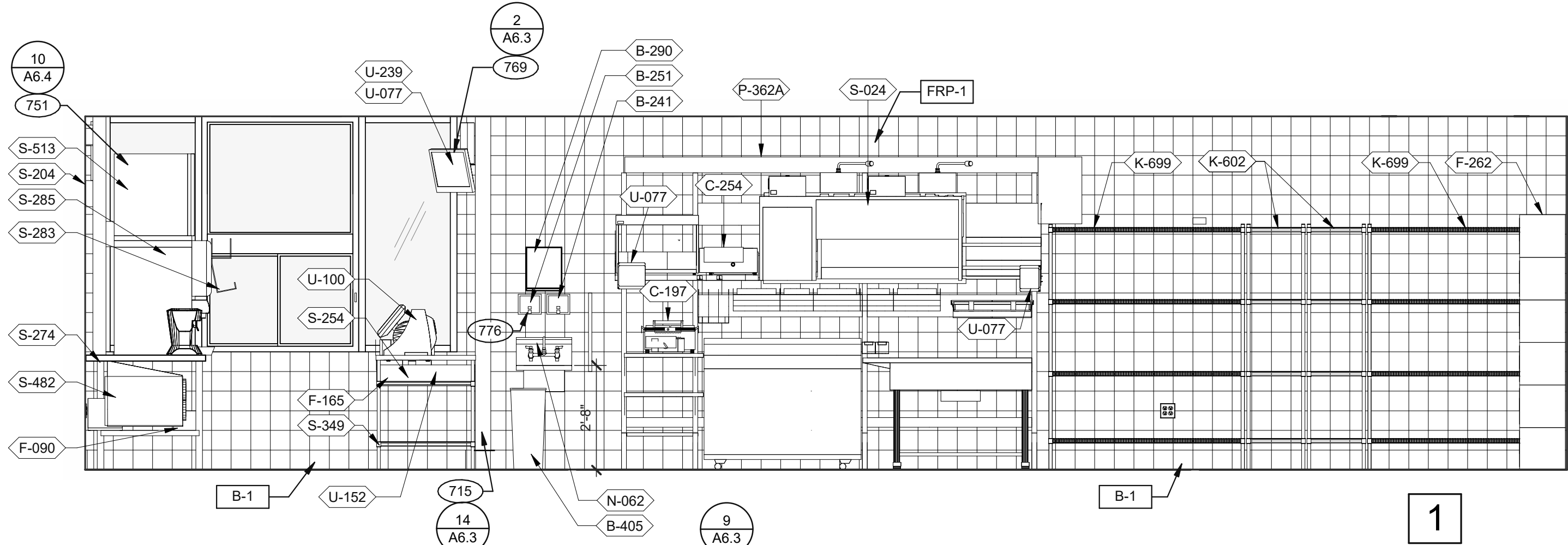
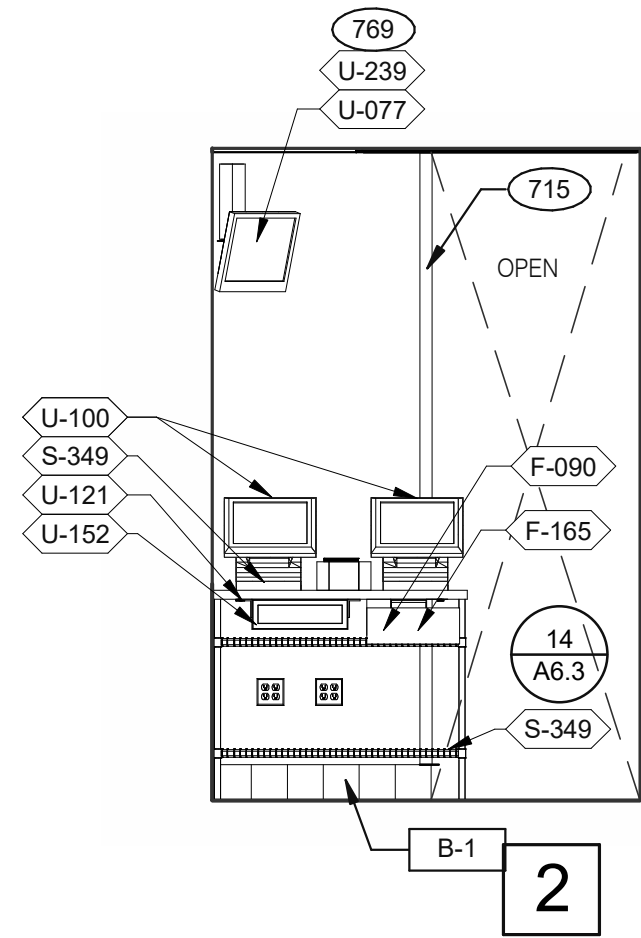
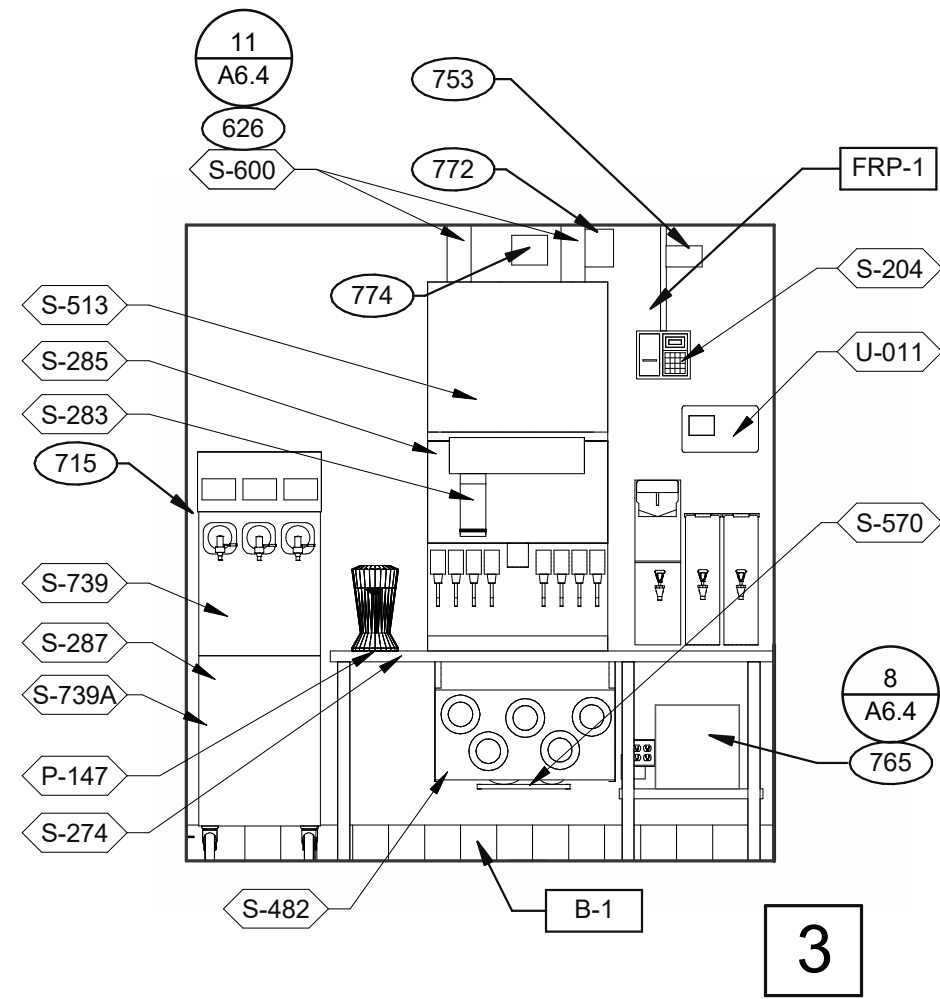
KEYNOTES

C



Mark S. Salopek, LLC

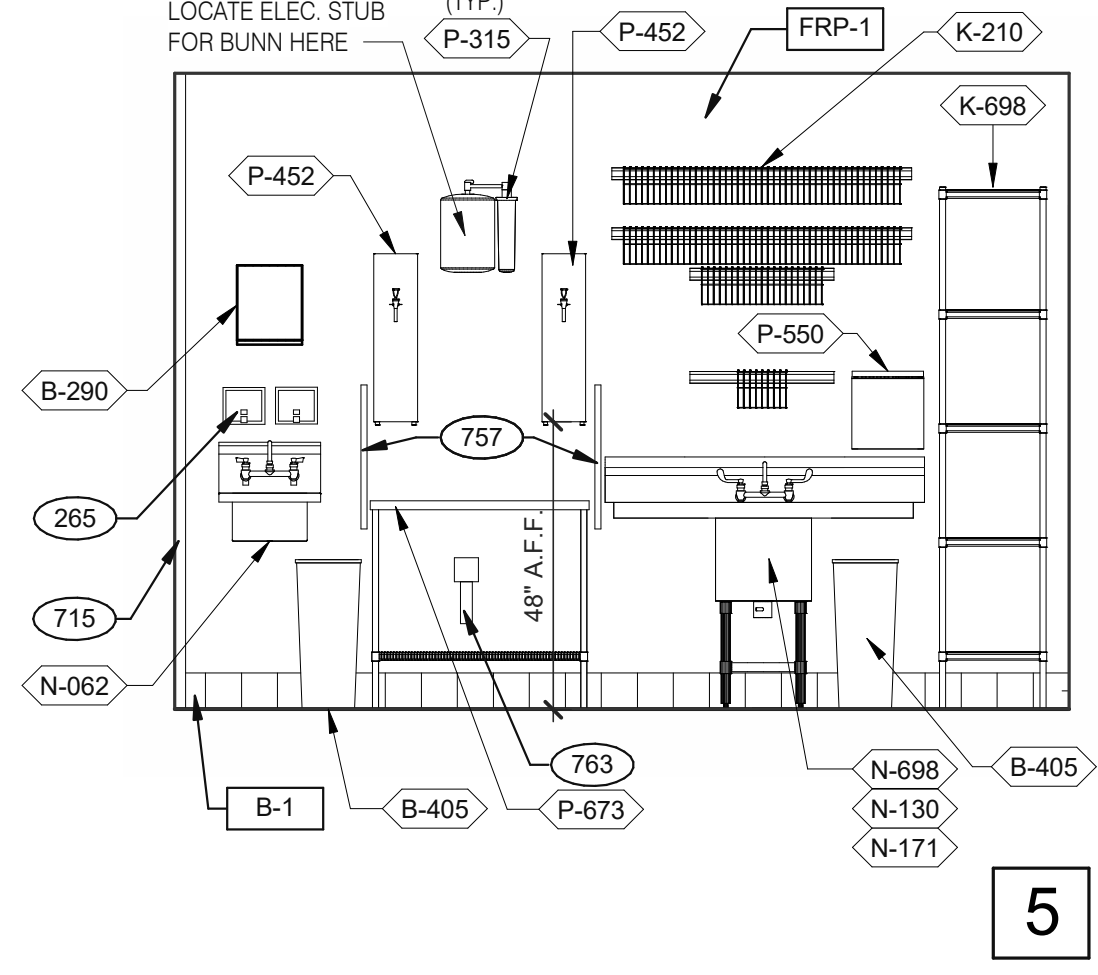
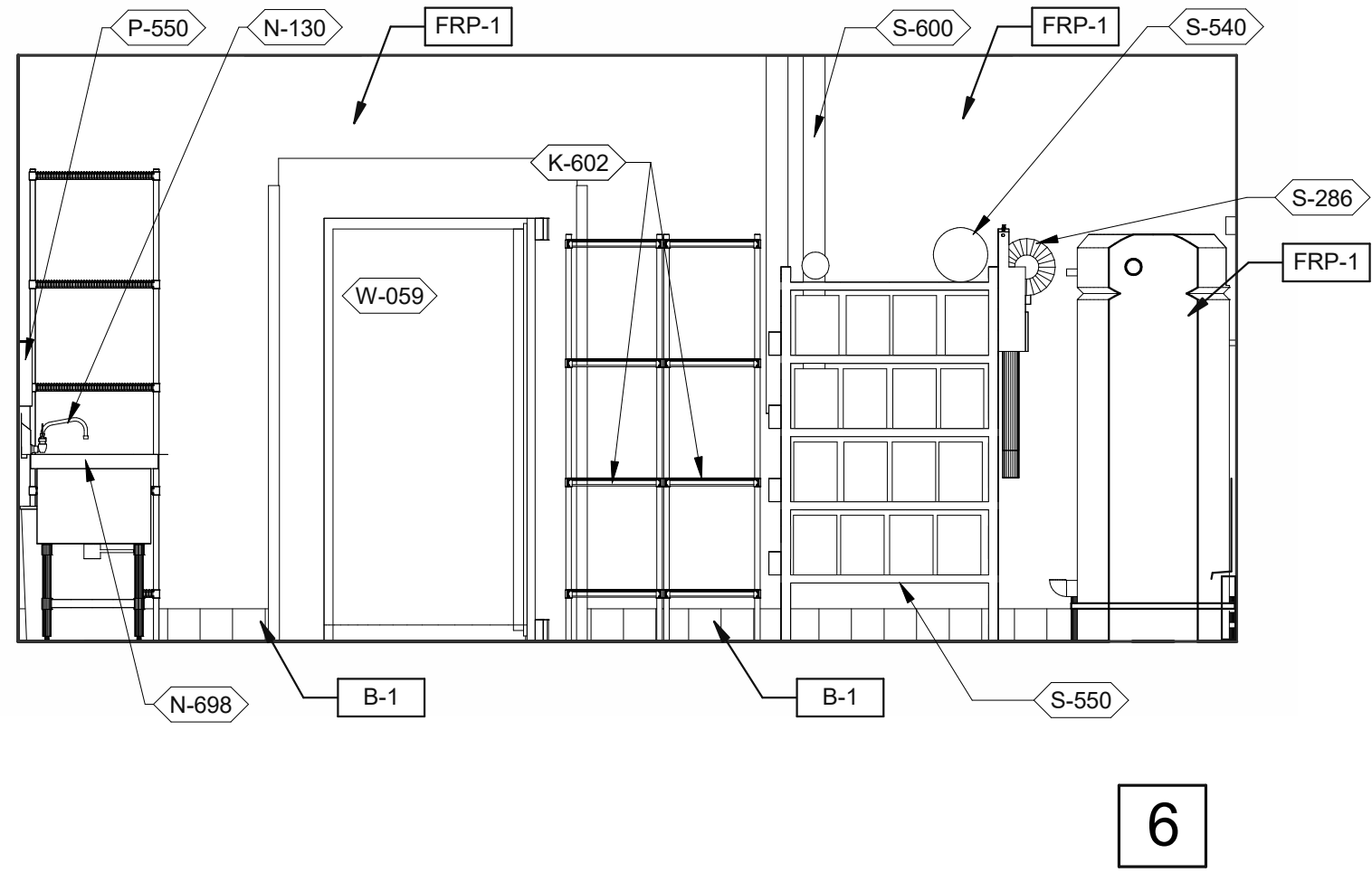
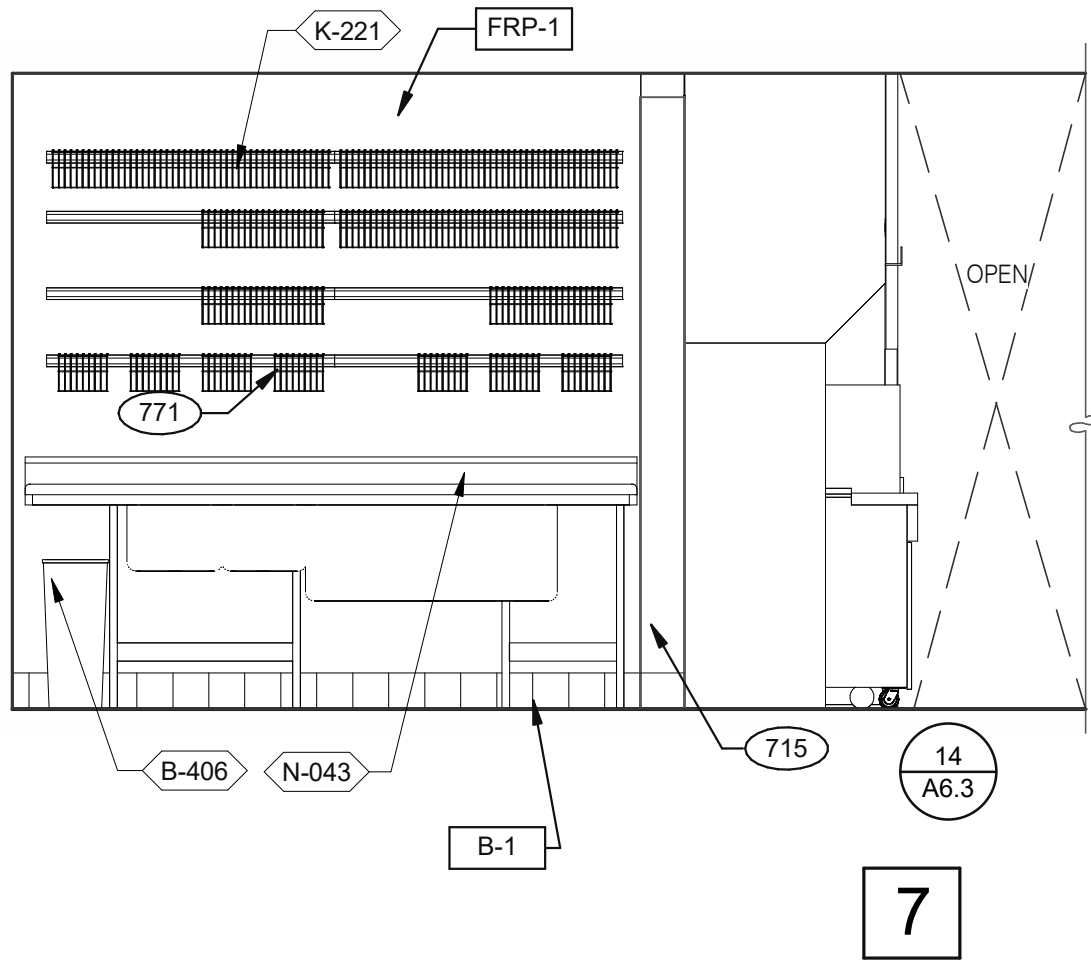
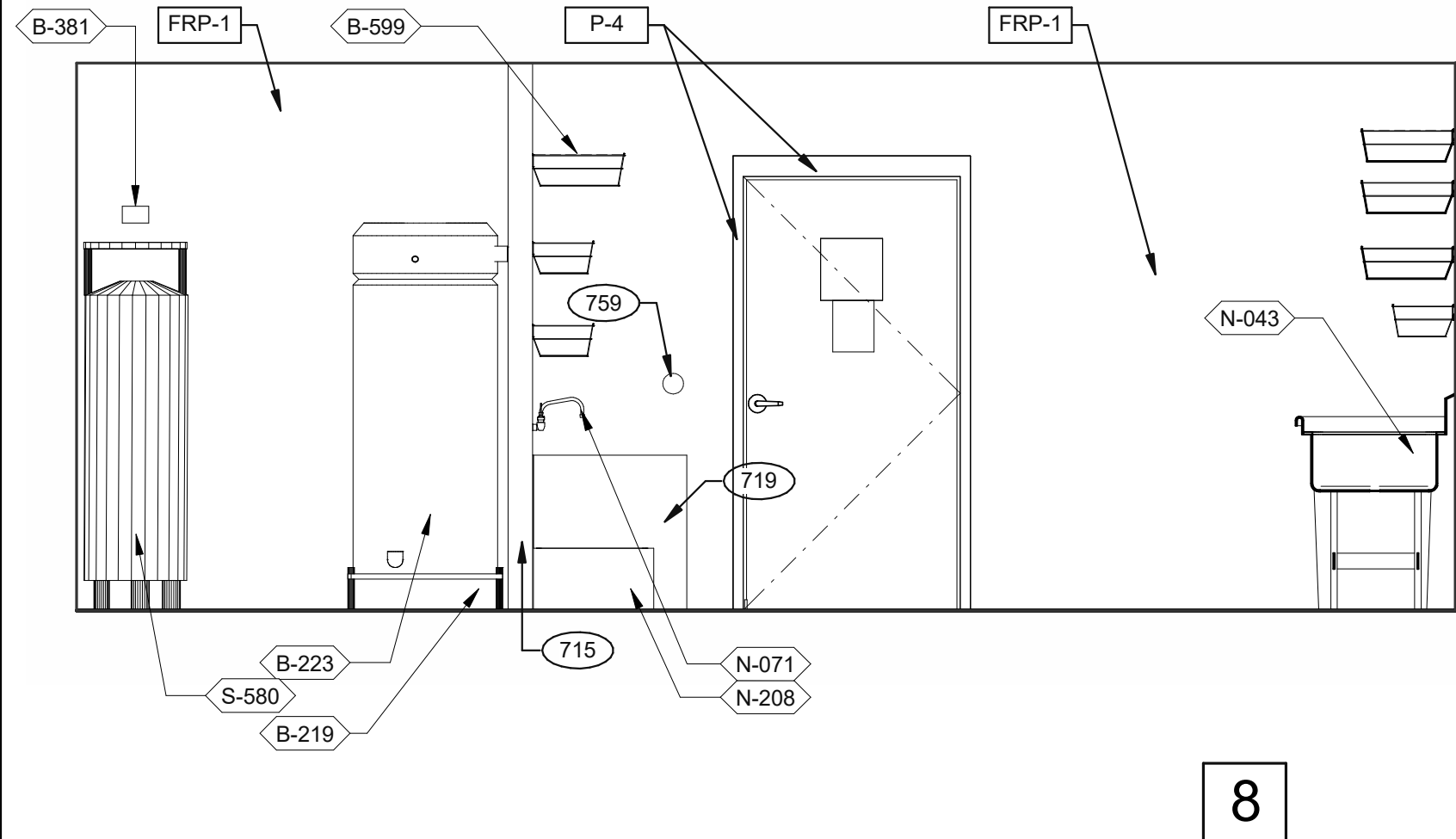
3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102



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

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

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

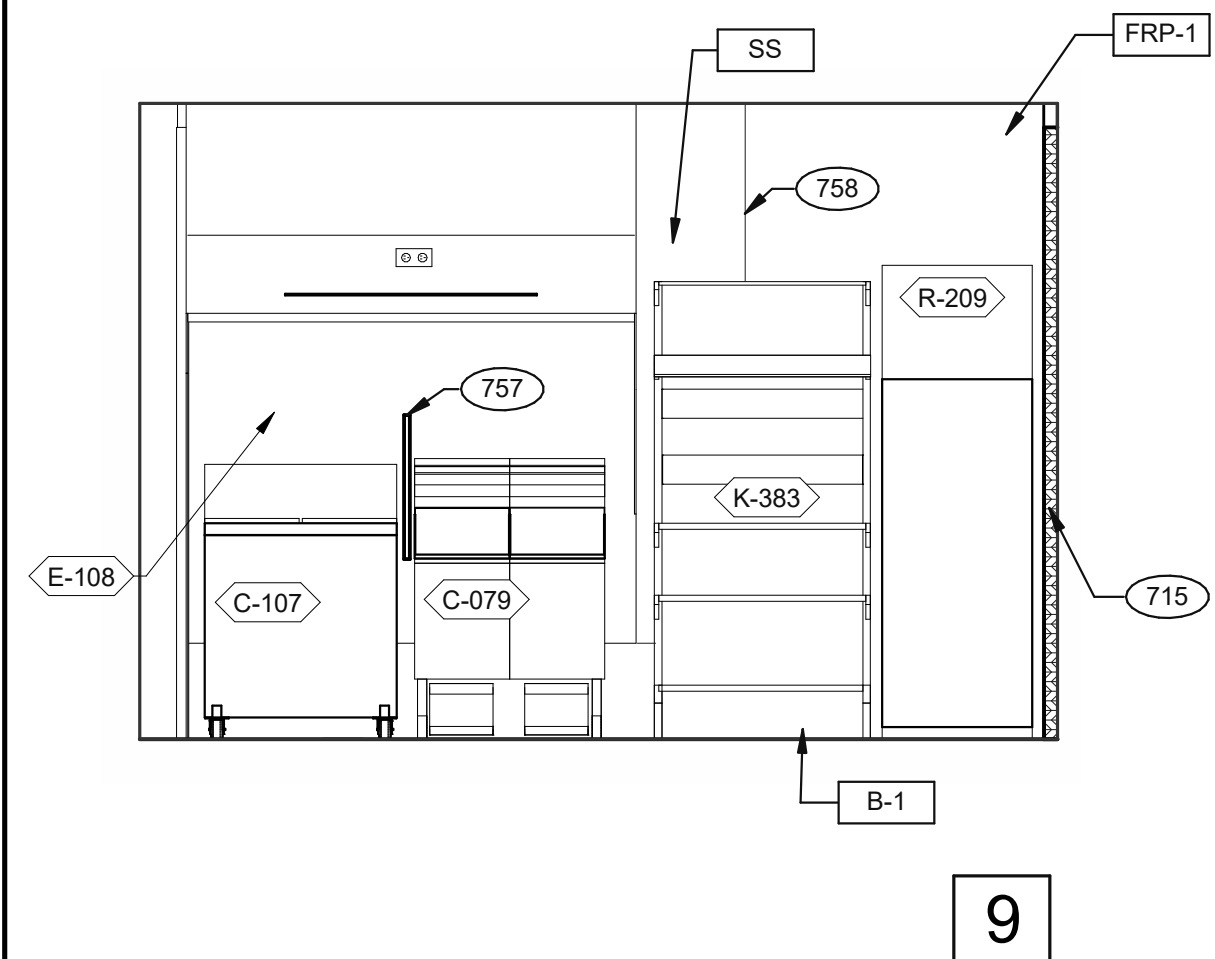
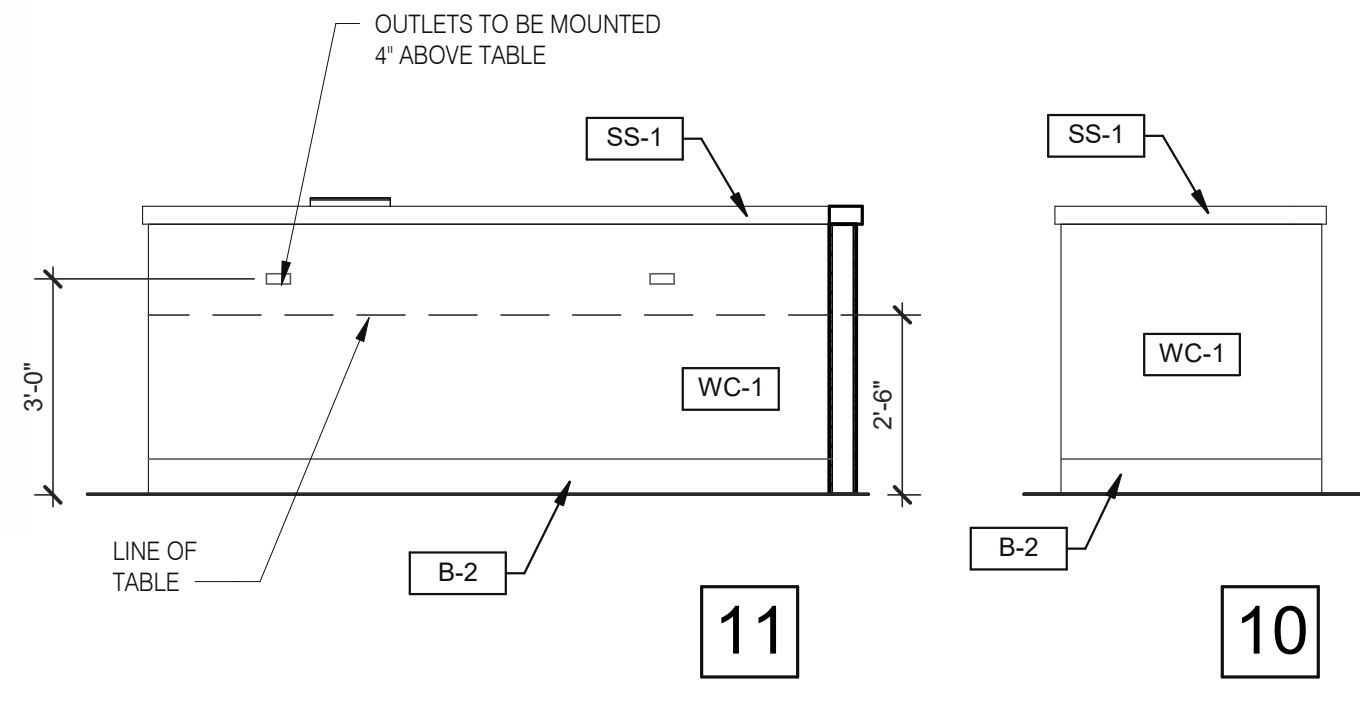
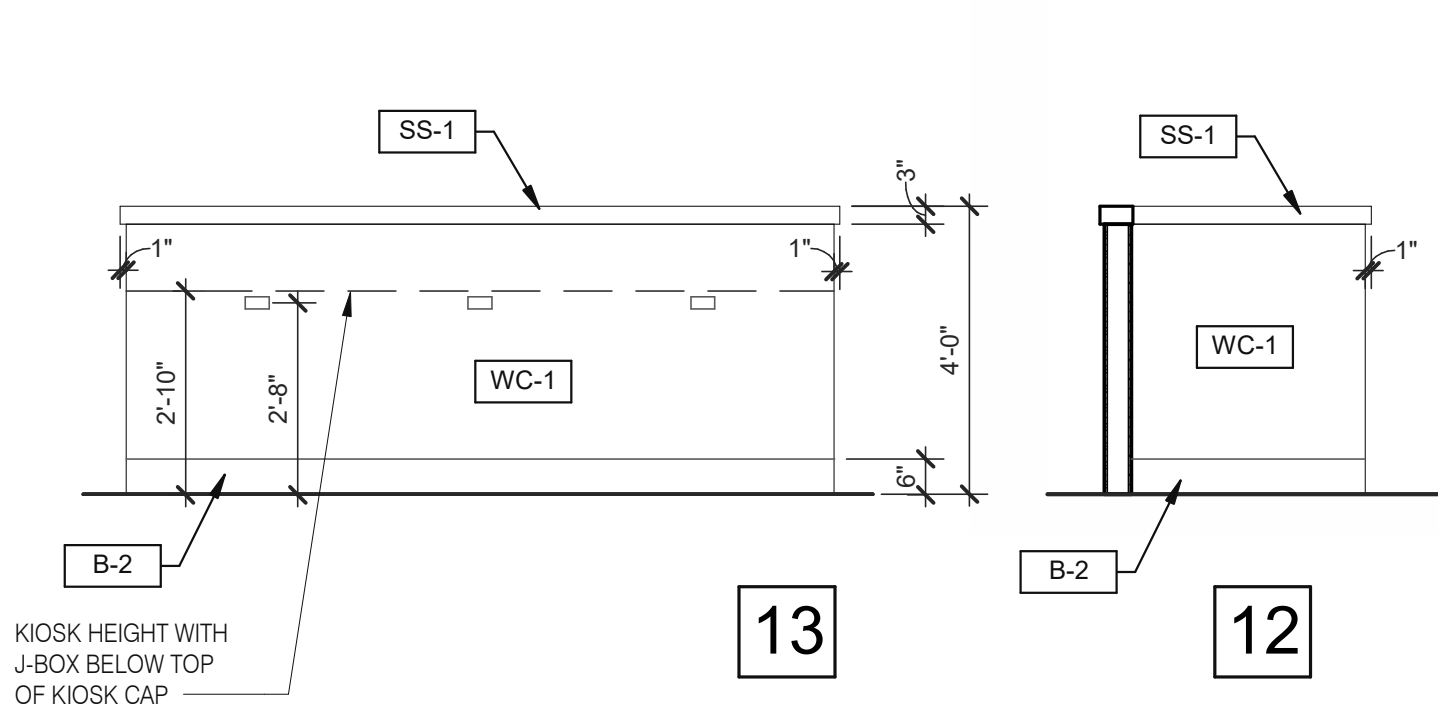


UTILITY 3/8" = 1'-0"

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

UTILITY 3/8" = 1'-0"

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



- 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
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



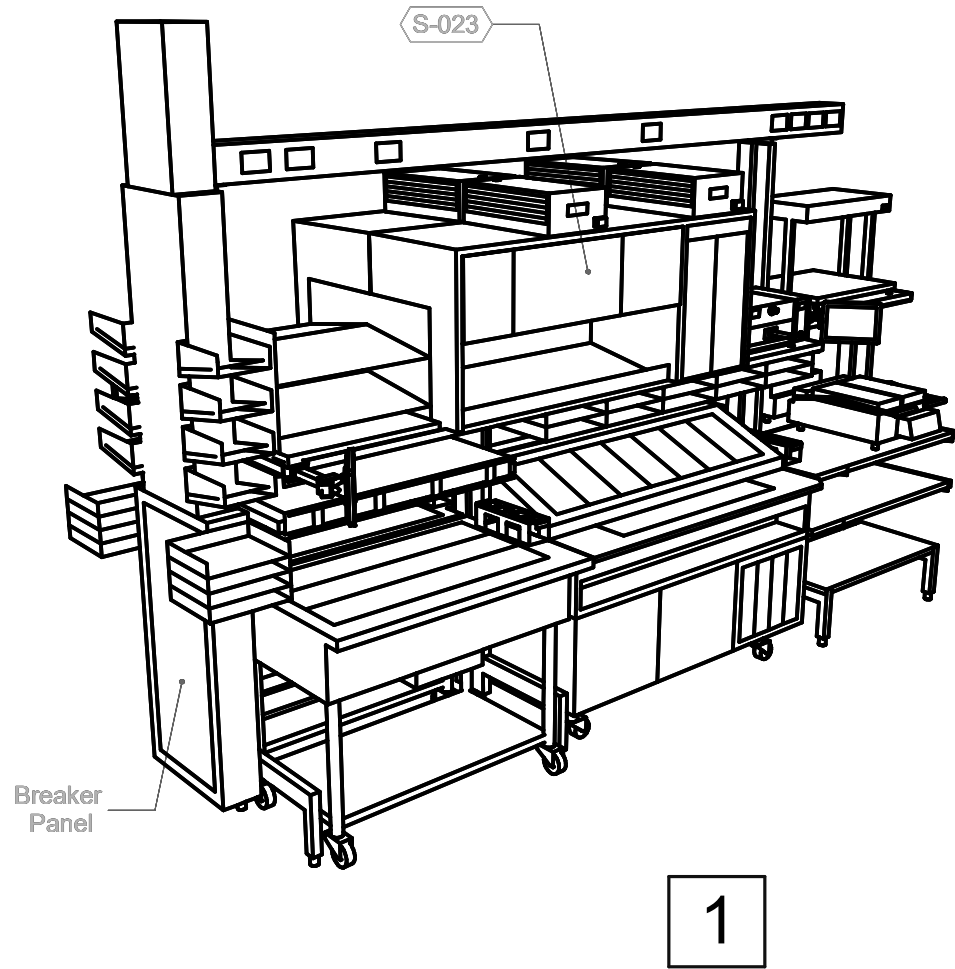
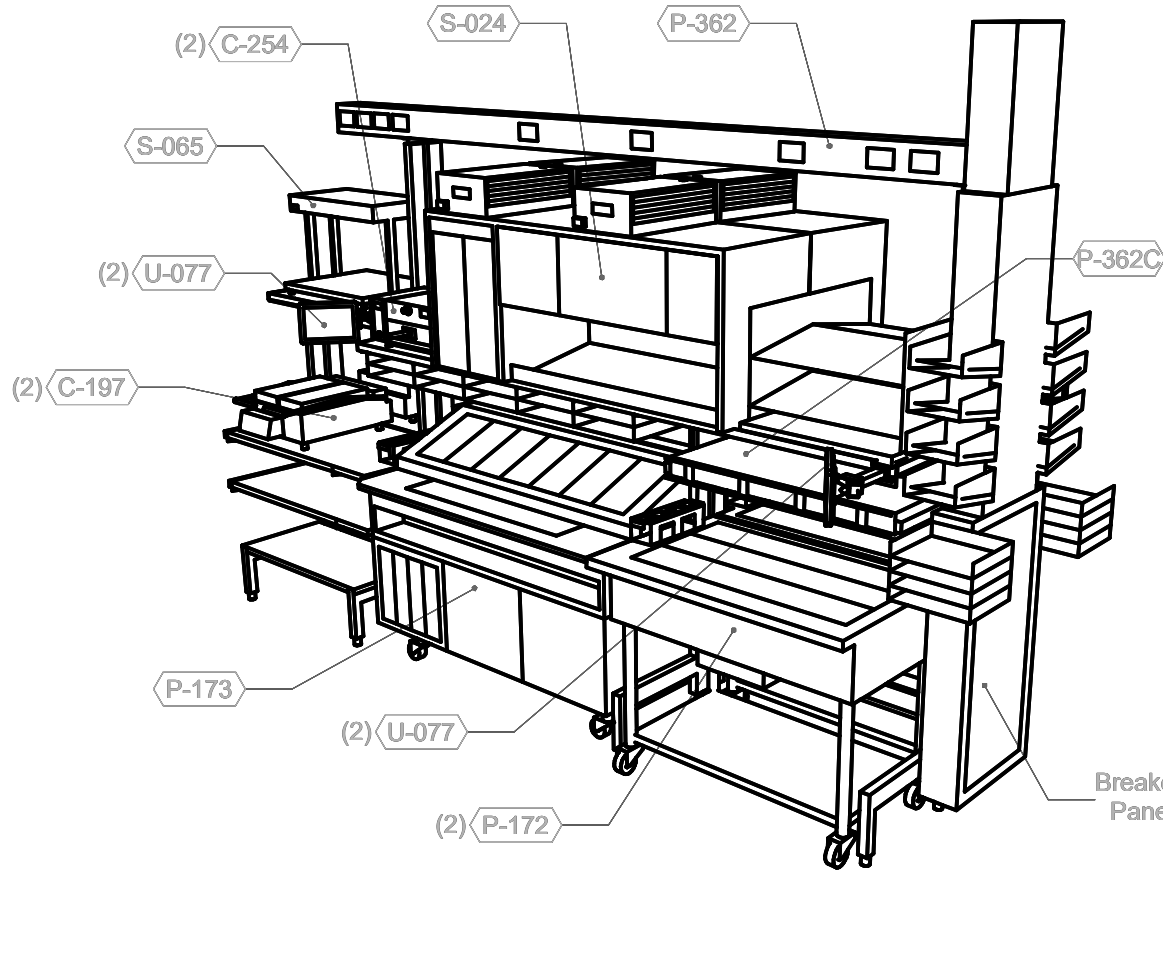
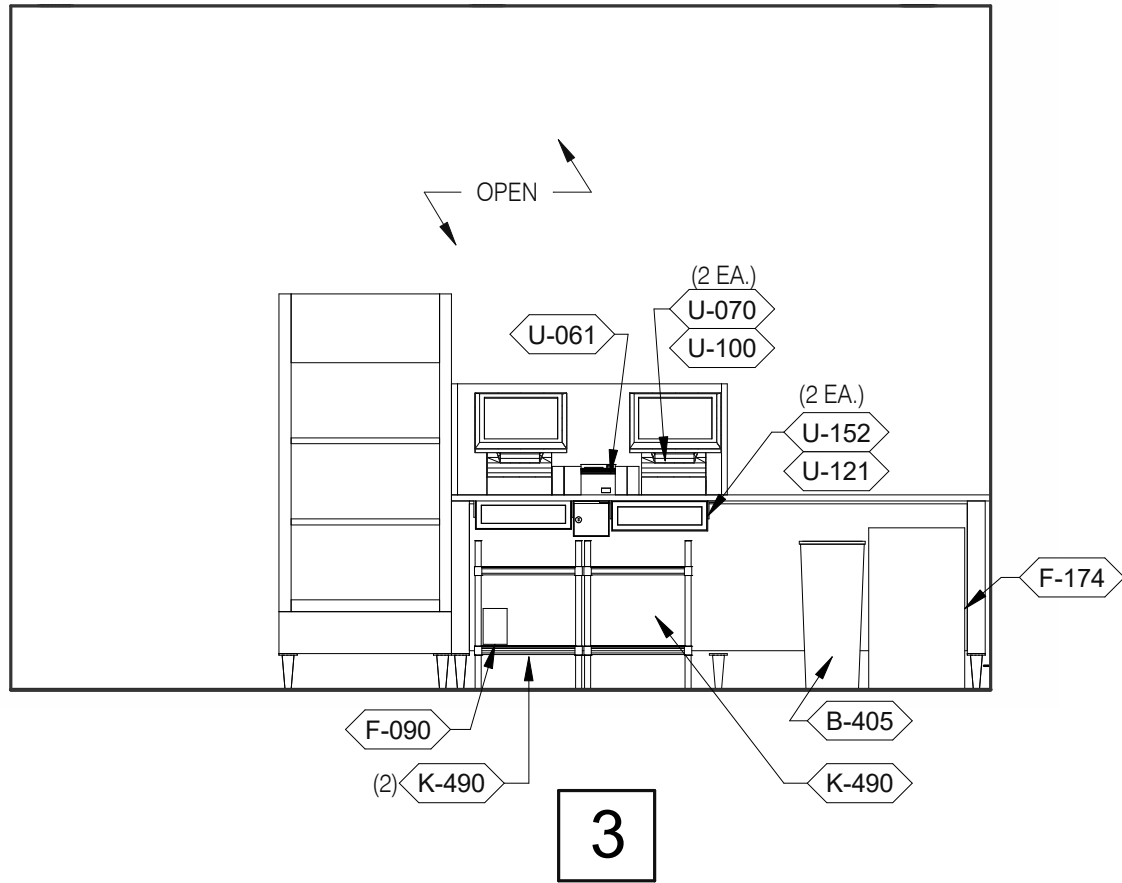
ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN

A8.2

PLOT DATE: 5/19/2022 11:27:30 AM

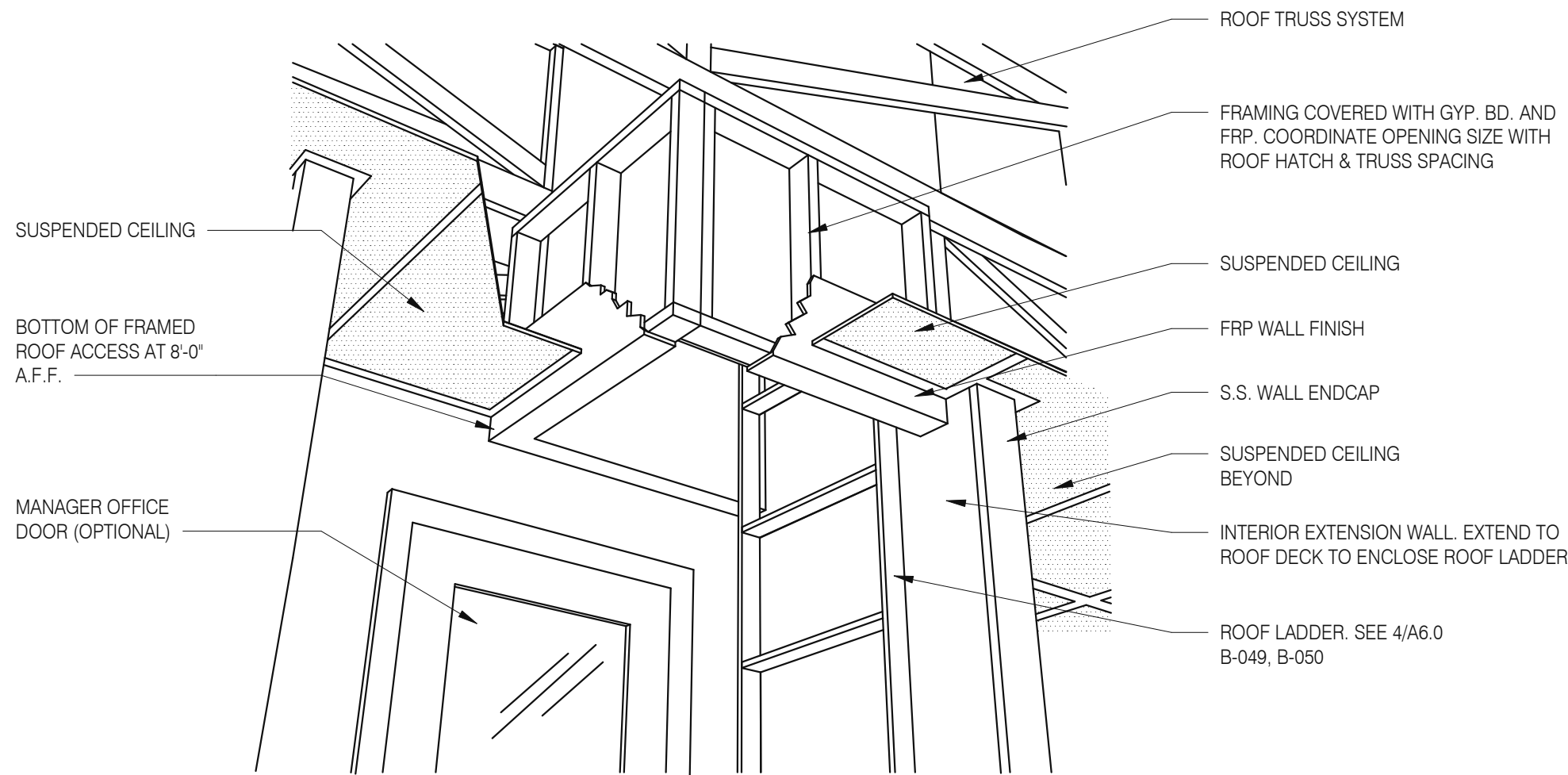
Mark S. Salopek, LLC

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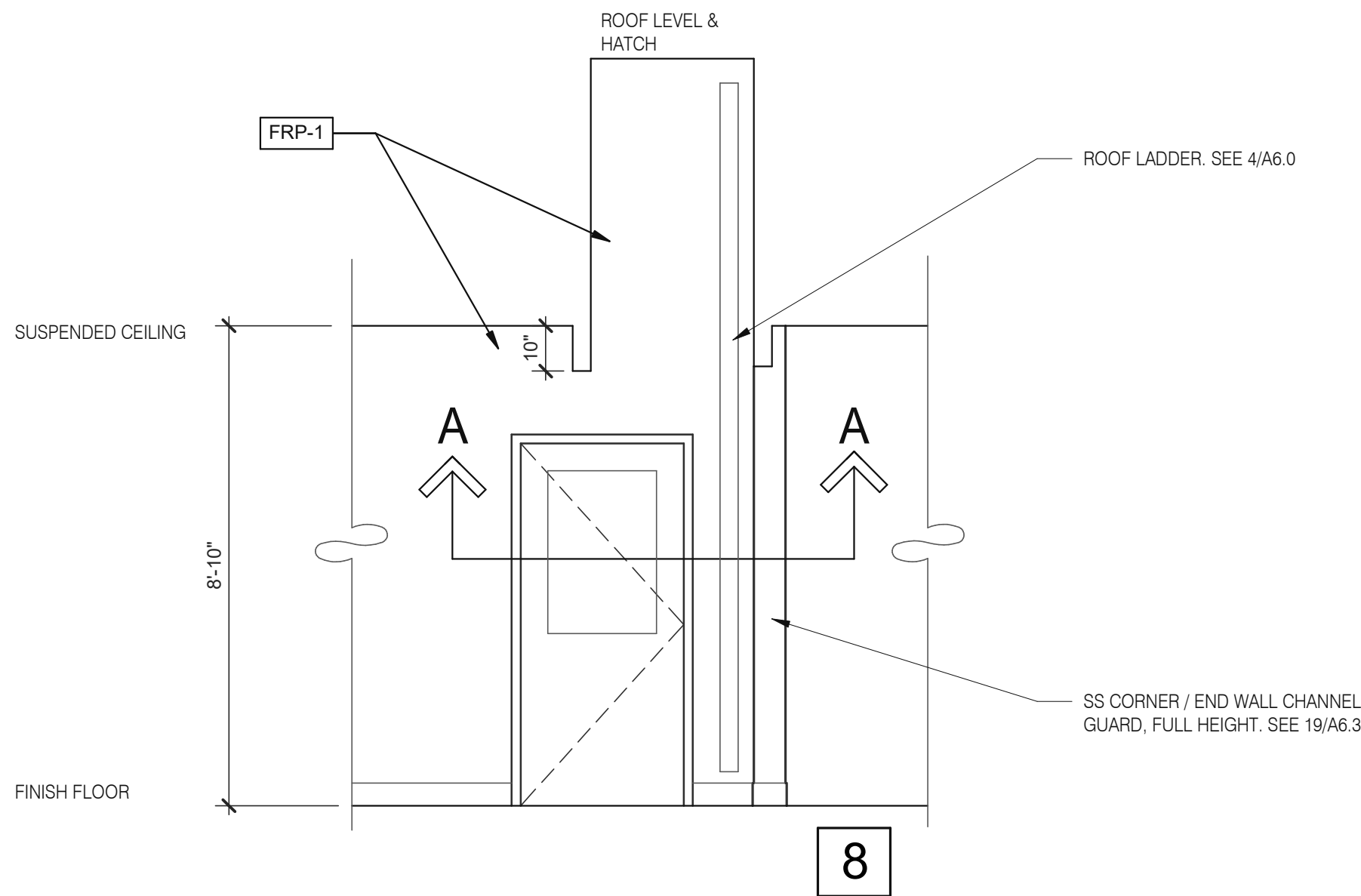


SERVING 3/8" = 1'-0"

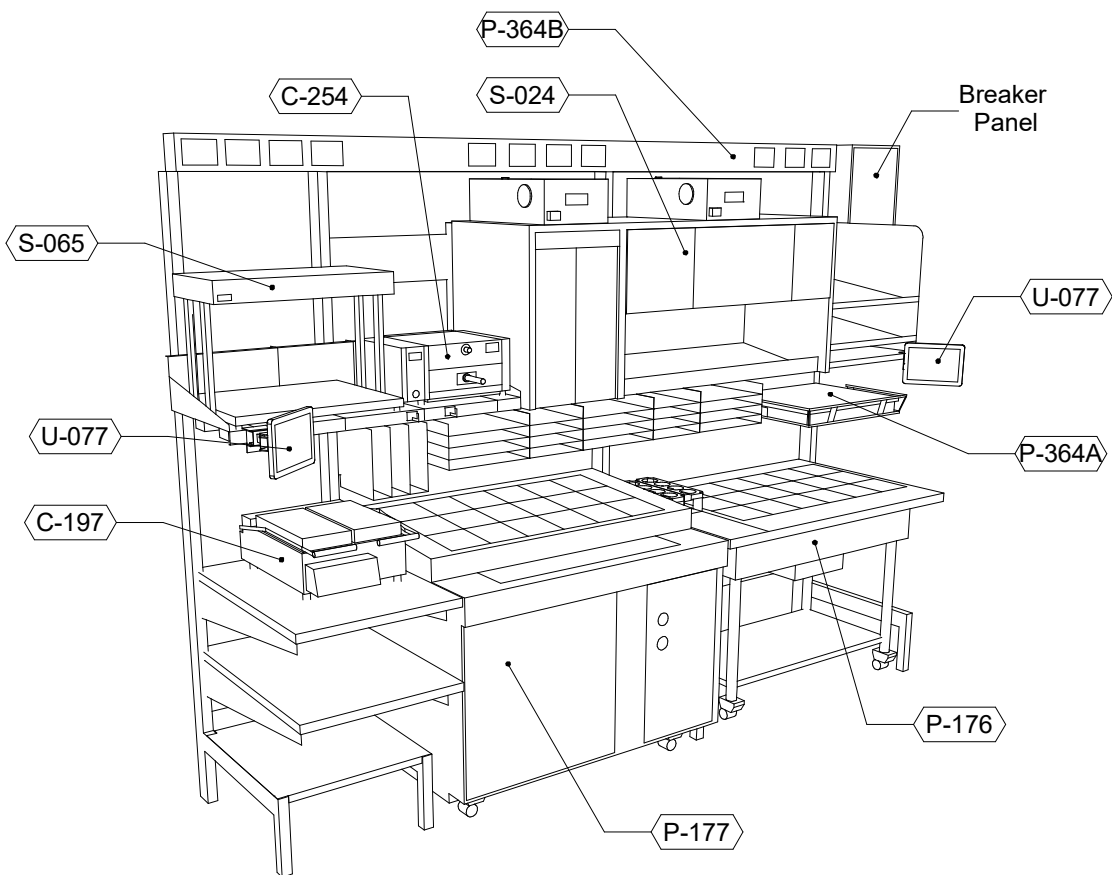
P-362B FLEX DUAL-LINE 3/8" = 1'-0"



A - ROOF LADDER VIEW



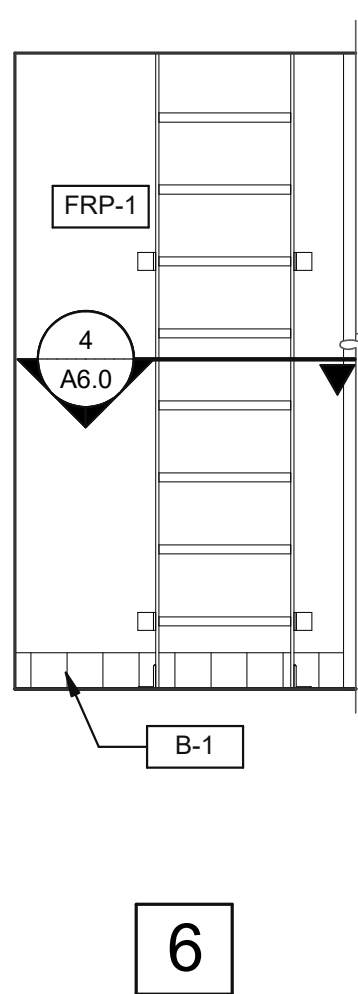
ROOF ACCES PASSAGEWAY 3/8" = 1'-0"



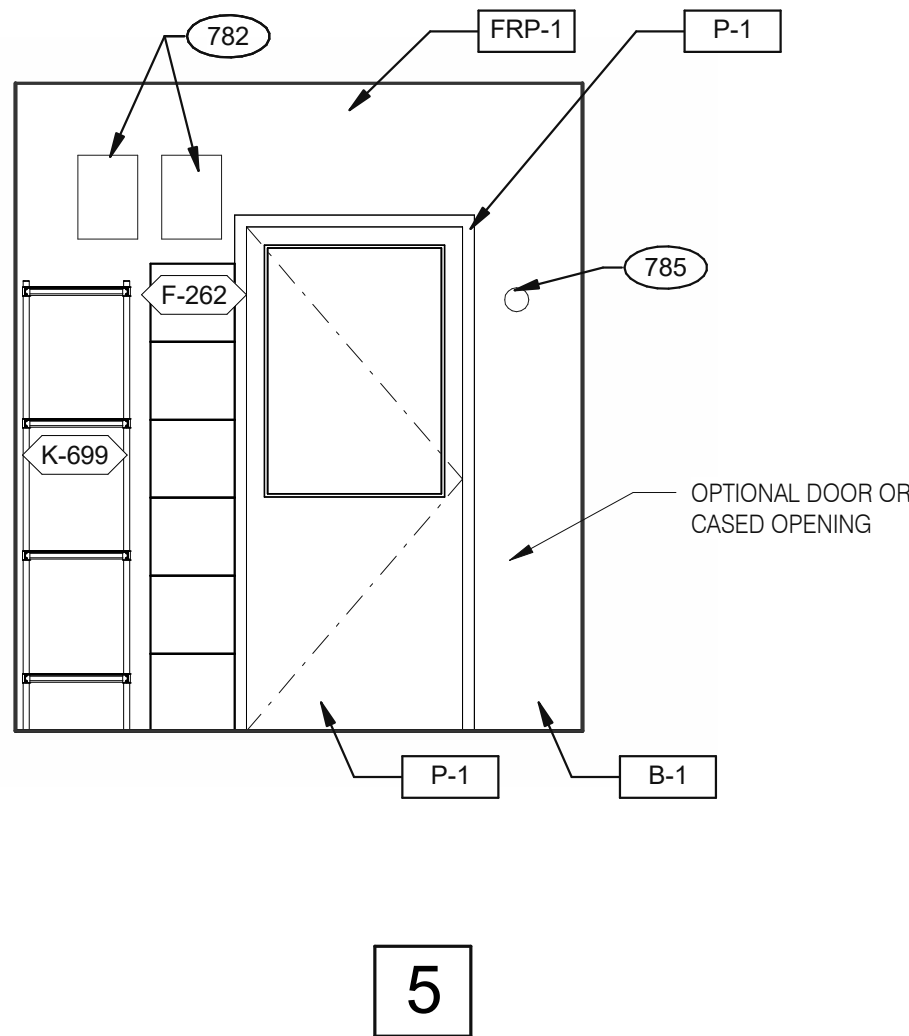
P-362A FLEX I-LINE, L-R

N.T.S.

7



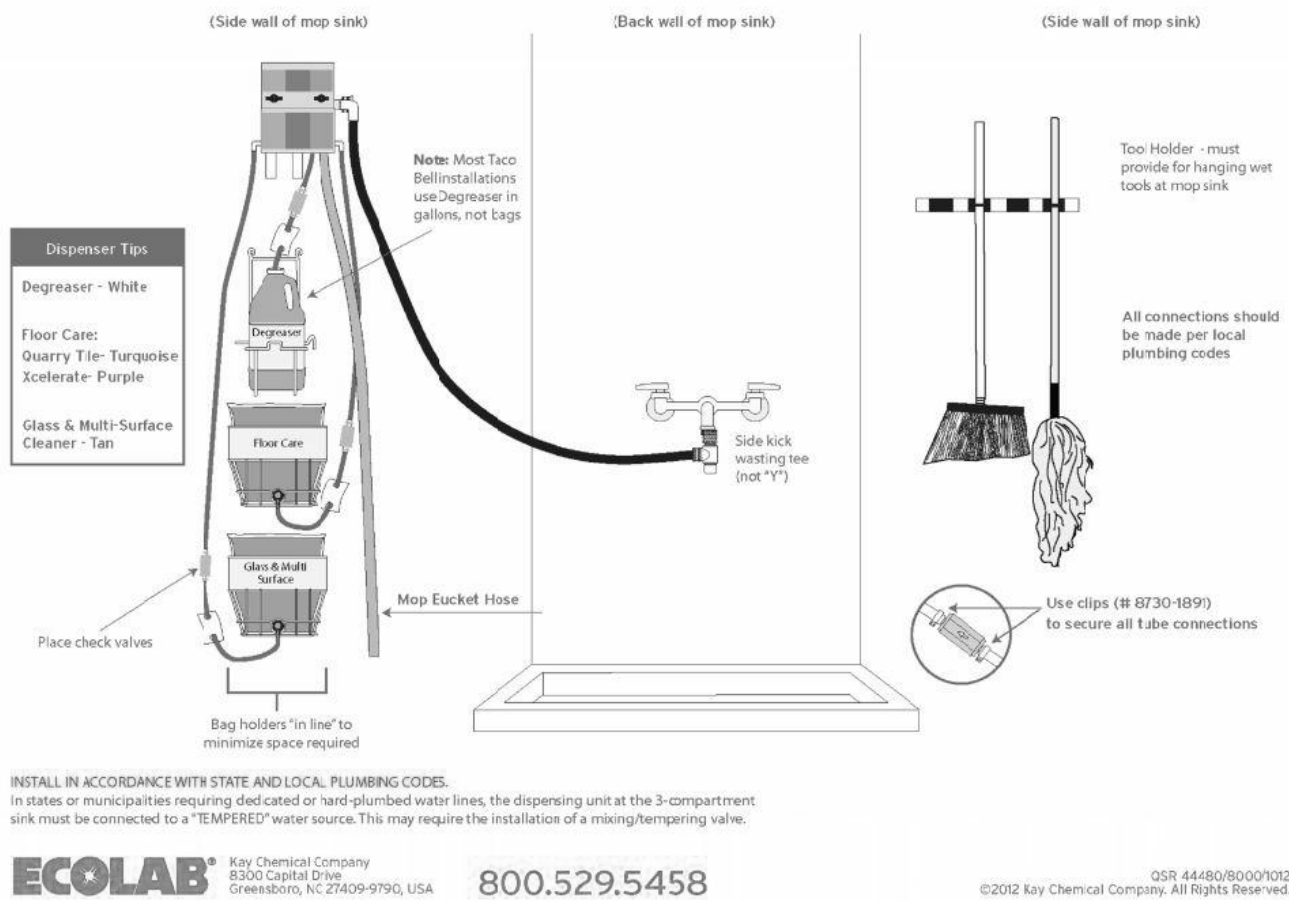
6



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

A

DATE	REMARKS
03.02.22	Issued for Permit
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CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
INTERIOR
ELEVATIONS
KITCHEN

A8.3

PLOT DATE: 5/19/2022 11:27:34 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.

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
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DATE	REMARKS
03.02.22	Issued for Permit

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: RS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

ADA1.1

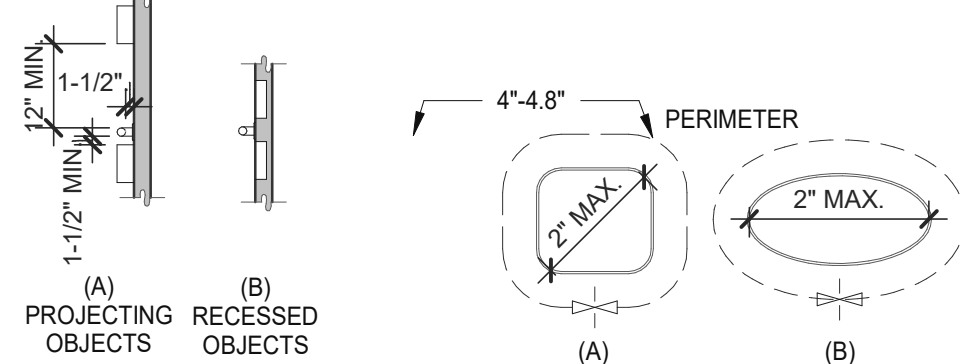
PLOT DATE: 5/19/2022 11:27:39 AM

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.

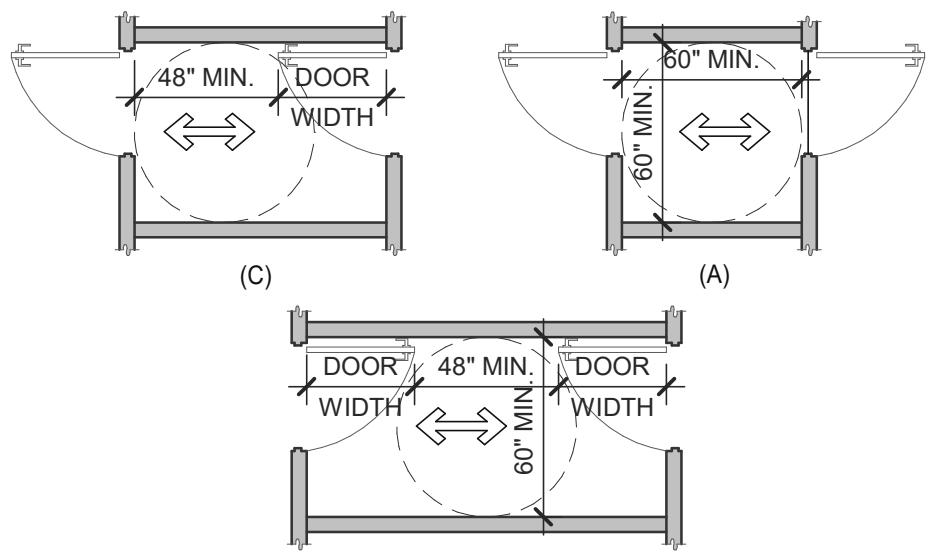
POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES MINIMUM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



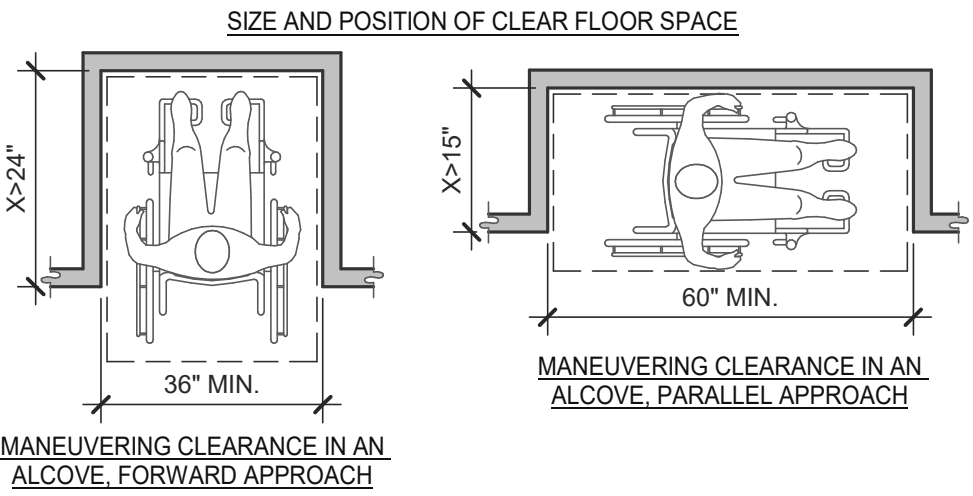
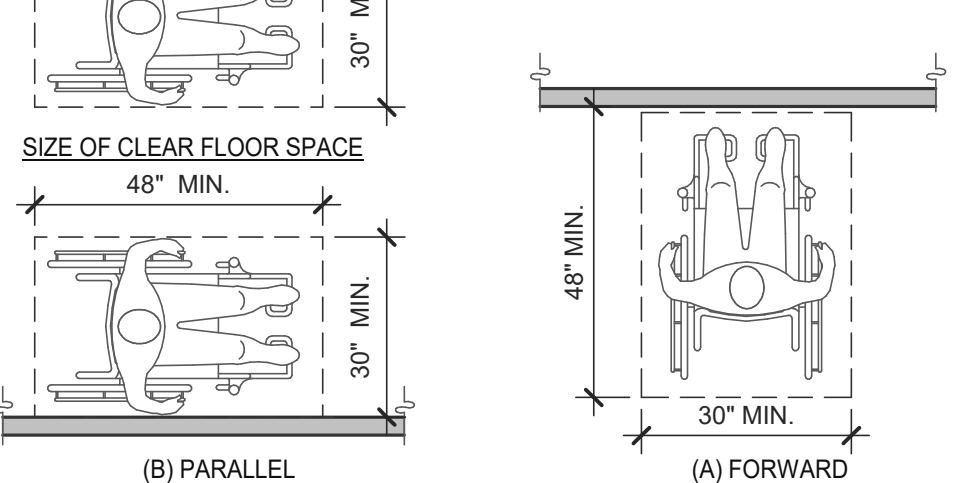
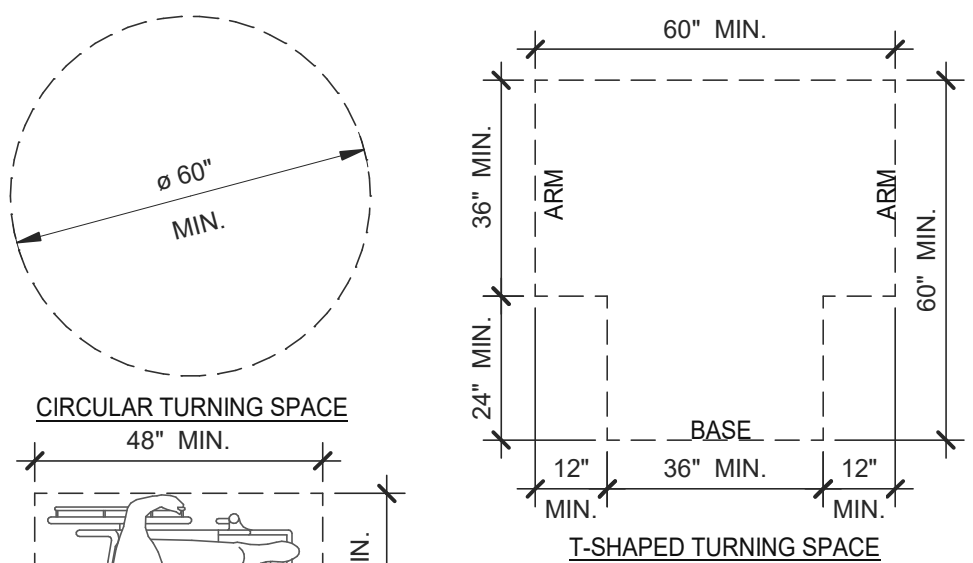
SPACING OF GRAB BARS GRAB BAR NON-CIRCULAR CROSS SECTION

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



TWO DOORS IN SERIES

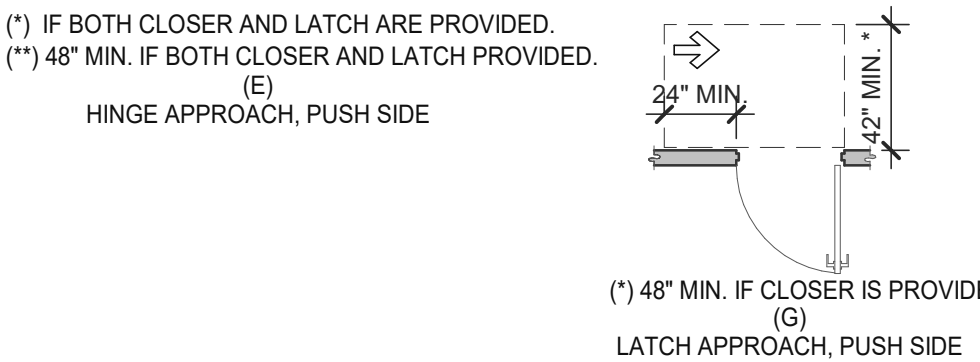
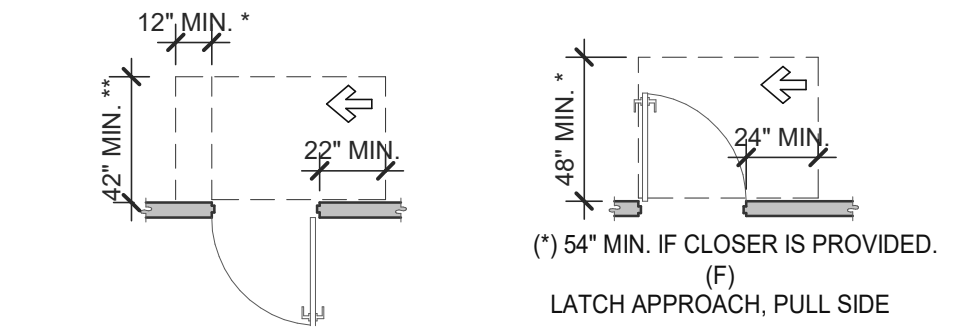
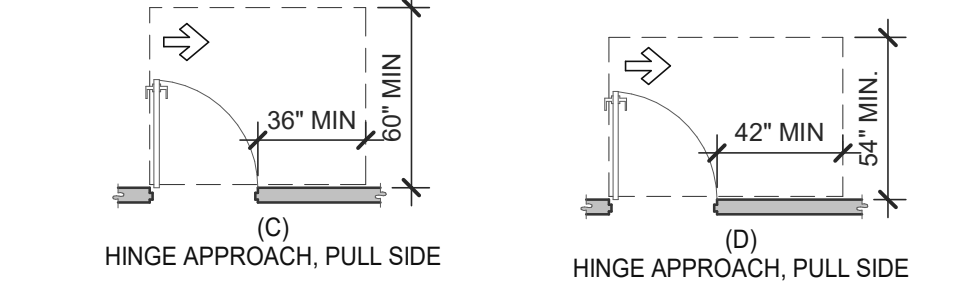
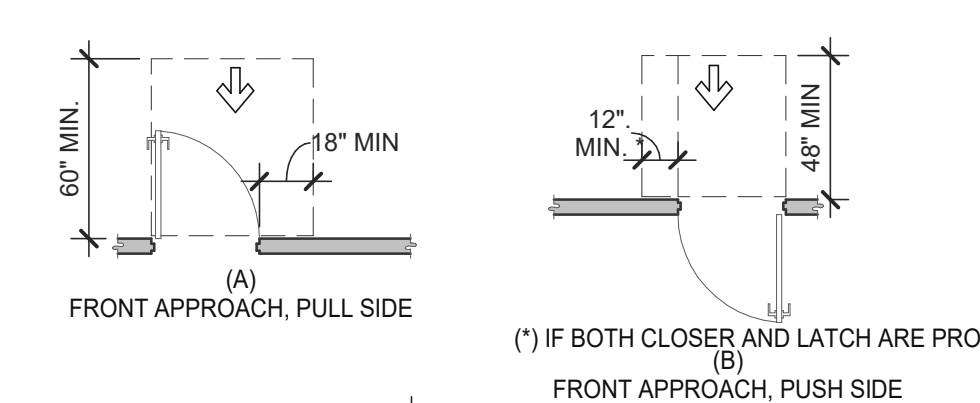
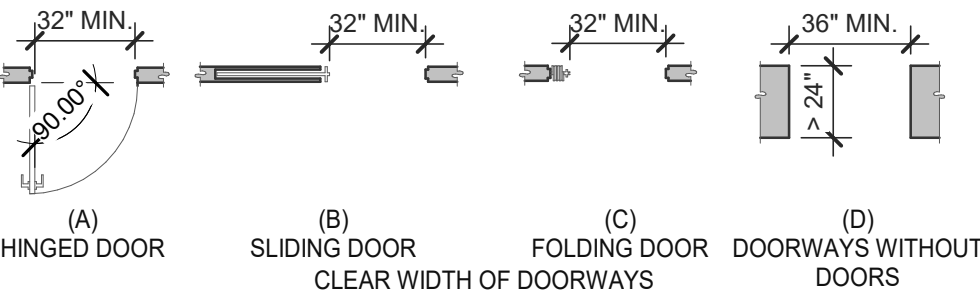
DOORS, DOORWAYS & GATES 3/16" = 1'-0" 6



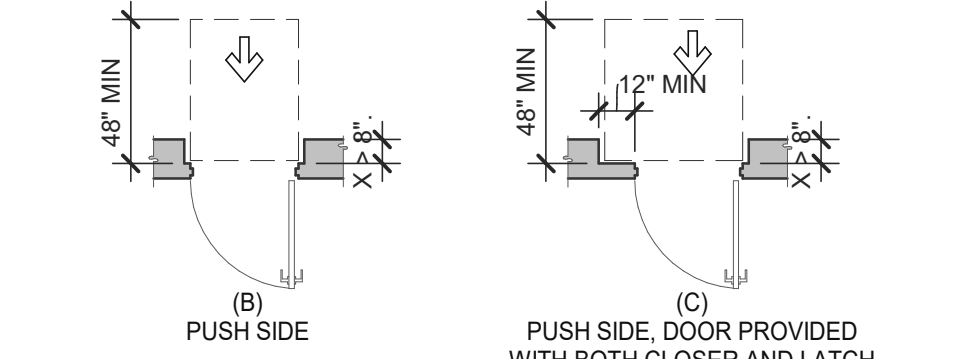
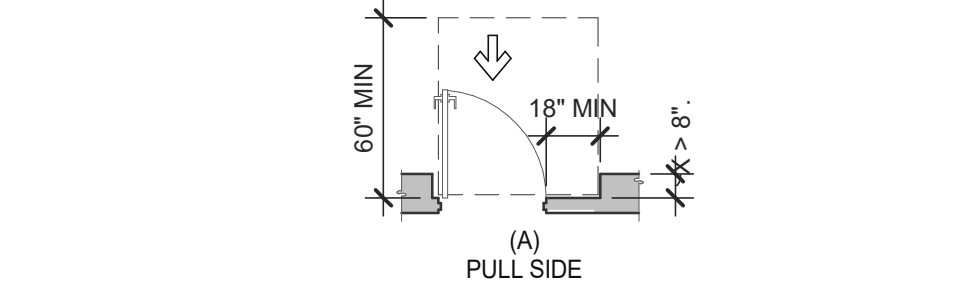
CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0" 8

NOTES:

- FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS.
- THRESHOLDS. IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH FLOOR OR GROUND SURFACES & CHANGES IN LEVEL DETAIL.
- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OR THE WRIST.
- THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX.
- OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.
- WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
- DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90° THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12° FROM THE LATCH IS 5 SECONDS MIN.
- DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70° THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN.
- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:
9.1. INTERIOR HINGED DOORS AND GATES: 5 LBS (22.5 N) MAX.
9.2. SLIDING OR FOLDING DOORS: 5 LBS (22.5 N) MAX.
9.3. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBS (66.7N).
9.4. EXTERIOR HINGED DOORS: 5 LBS (22.5 N) MAX.
- SWINGING DOOR AND GATE SURFACES WITHIN 10" OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE 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.

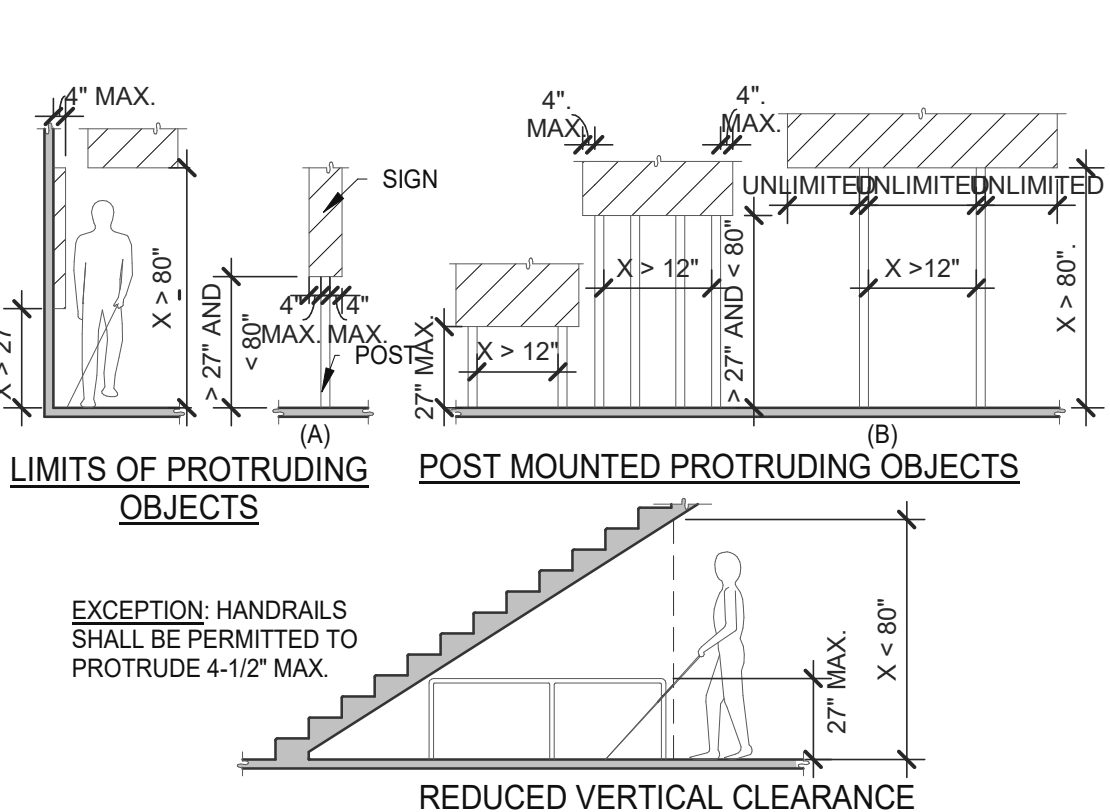


MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES

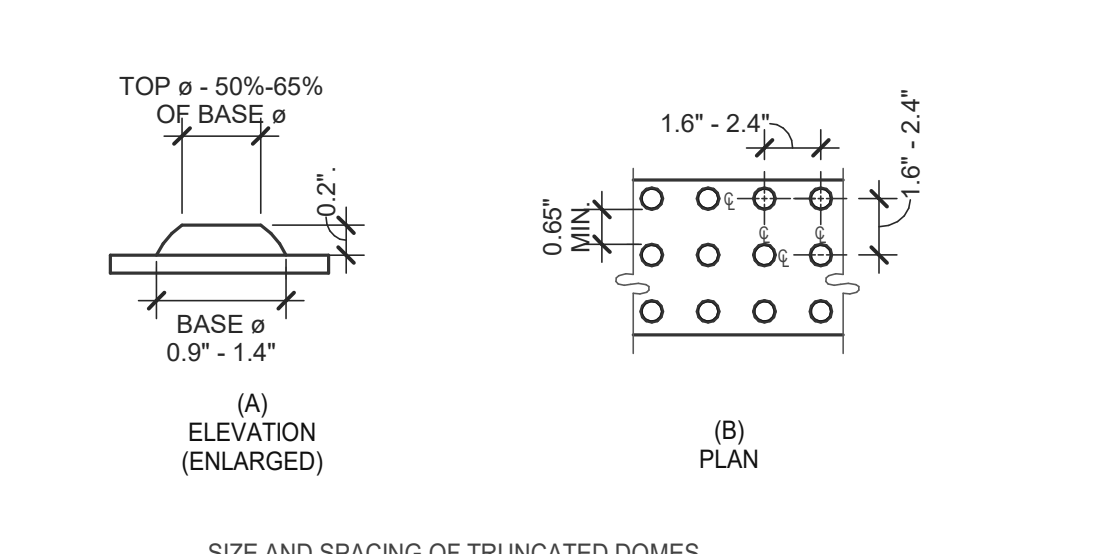


MANEUVERING CLEARANCE AT RECESSED DOORS AND GATES

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



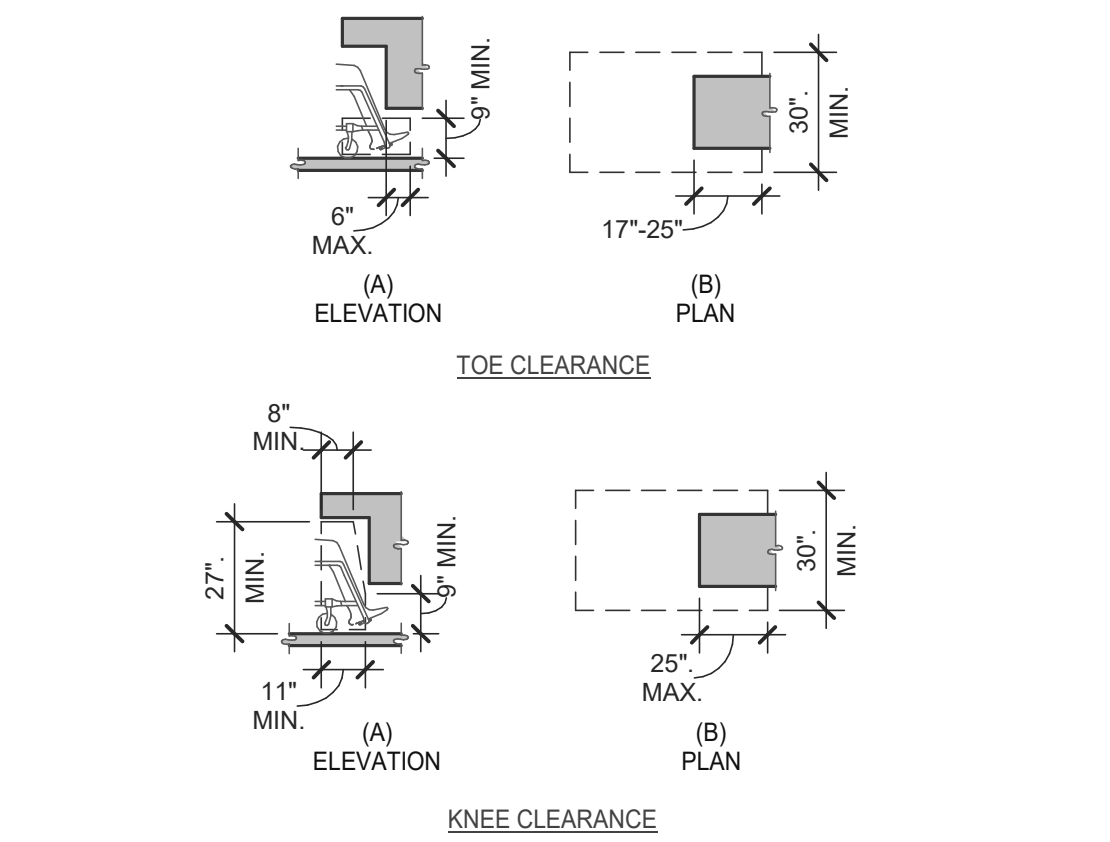
PROTRUDING OBJECTS 3/16" = 1'-0" 13



DETECTABLE WARNINGS 3" = 1'-0" 14

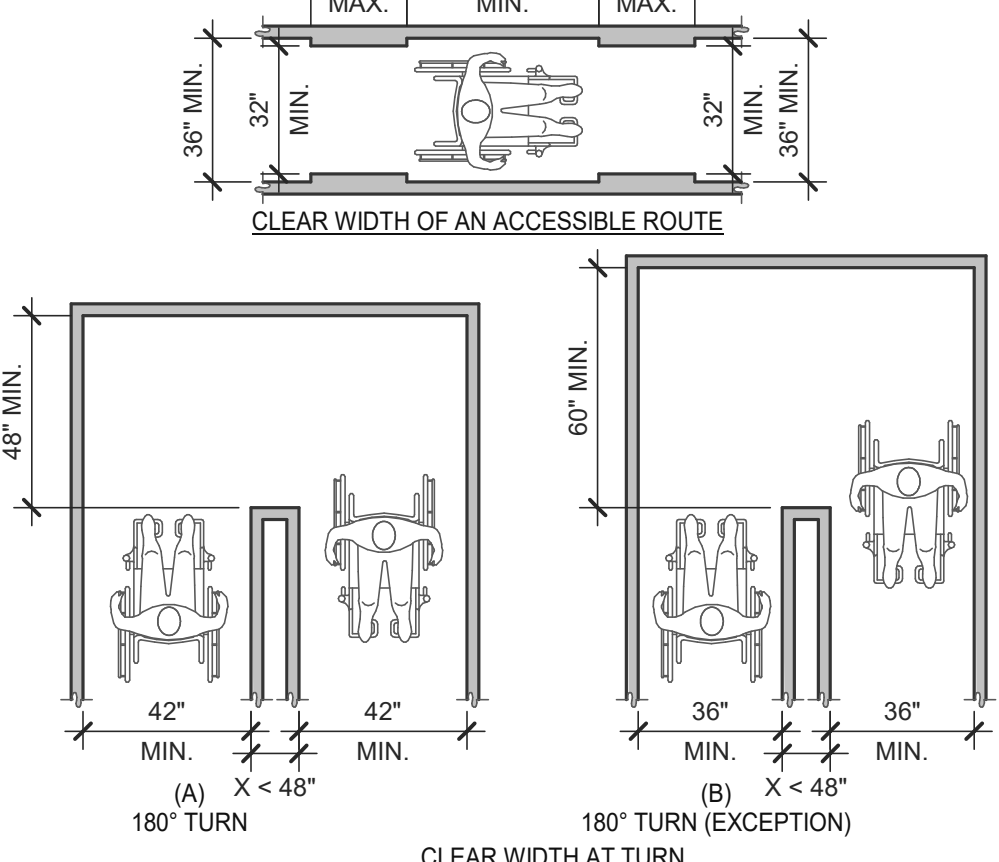
PARKING SPACES	
TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20, PLUS 1 FOR EACH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

PARKING SPACES 6" = 1'-0" 15



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

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



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	Fruitlita Machine	Equipment Delivery, Install and Activation	VARIES	VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	
		FBD Equipment Manufacturer	VARIES	VARIES				
		Cornelius	VARIES	VARIES				
		Taco Bell Engineering	VARIES	VARIES				
12440	Iced Tea	Pepsi	E56150000	S-546	DIS	Supplier	GC / Supplier	
13200	CO2 - Bulk	MVE (bulk tank)	VARIES	S-580	DIS	DIS	Manufacturer (Local Installer)	
		NU CO2 (CO2 and service)	VARIES	S-580				
13700-4	CCTV	MARTCO	-	-	RSCS	MARTCO	MARTCO	X
13800-1	Energy/Building Management System	Air Care Experts	TBCCB-Varies	-	DIS	DIS	GC	
		Air Care Experts	TBCCB-Varies	-	DIS	DIS	GC	
13800-2	Hood Shutdown System	Air Care Experts	TBANS	-	Contractor	Air Care	GC	
13900-1	Fire Suppression System	Ansul	-	-	GC	GC	GC (Local Installer)	
15410	Hand Sinks	Aero	HS-Mod	N-053	DIS	DIS	GC	
15470-5	Water Filter	Shurflo	WB6-M3-22-003	-	DIS	Manufacturer	GC (see Vendor Scope - Pepsi Drink System)	
15480-3	Water Heater	AO Smith (standard)	AO Smith BTH-120 (standard)	B-215	RSCS	RSCS	GC	
		Bradford White (alternate)	-	B-215				
		-	-	-	RSCS	RSCS	GC	
15500-1	Water softener	-	-	-	Determined by CM or RCM; Approved options - GC CM/RCM	Determine by CM or RCM; Approved options - GC CM/RCM	Determined by GC / CM / RCM	X
	HVAC - Test and Balance	-	-	-				
		Melink Corp/	-	-				
		Air Care Experts	-	-				
15500-2	Commissioning	Air Care Experts	-	-				
15500-3	Visual Verification	Air Care Experts	-	-	GC	Air Care Experts	GC	
15700-1	HVAC	Trane (Franchisee Only)	VARIES	-	GC	Manufacturer	GC	X
		Lennox (Company and Franchisee Stores)	VARIES	-				
		York international (Franchisee Only)	VARIES	-				
16300-1	Switchgear - Franchisee	Accuserv	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	X
		Capital Lighting	Square-D and Cutler Hammer	VARIES	DIS	DIS	GC	
16300-2	Switchgear - Company	Capital Lighting	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	X
		Accuserv	Square-D and Cutler Hammer	VARIES	GC or RSCS (confirm with CM at time of bid)	GC	GC	
16500	Light Fixtures - Interior and Building	Capital Lighting	VARIES	-	DIS	DIS	GC	X
		Accuserv (all lighting except BOH & restrooms)	VARIES	-				
16520	Light Fixtures - Site	Capital Lighting	VARIES	-	DIS	DIS	GC	
		Accuserv	VARIES	-	DIS	DIS	GC	
16720	Telephone Communications	YUM! Telecom (Company stores)	-	-	TB	Manufacturer	Manufacturer (Local Installer)	X
		By owner through local phone service provider (franchise)	-	-	Franchisee	Manufacturer	Manufacturer (Local Installer)	
16820-3	Music System	Mood Media	-	F-131	TB	Manufacturer	Manufacturer (Local Installer)	X
	Coffee Brewer	Bunn	42300.0008	S-547	RSCS	RSCS	GC	
	Floor and Wall Tile	Creative Materials	-	-	GC	Manufacturer	GC	X

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE
RICHFIELD, OH 44286
330.572.2112 FAX: 330.572.2102

DATE	REMARKS
03.02.22	Issued for Permit
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: JG
DRAWN BY.: MS
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
SCOPE OF
WORK

SW1.0

PLOT DATE: 5/19/2022 11:27:47 AM



STRUCTURAL STEEL:

MATERIAL PROPERTIES:

W SHAPES:	ASTM A992 (Fy = 50 KSI)
M.S.C SHAPES:	ASTM A36 UNO
PLATE, ANGLES:	ASTM A36 UNO
PIPE:	ASTM A53, TYPE E OR S, GRADE B
TUBE:	ASTM A500 GRADE B (Fy = 46 KSI)

DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE 2016 AISC SPECIFICATIONS.

FIELD CONNECTIONS SHALL BE BOLTED. BEARING TYPE UNLESS NOTED OTHERWISE USING 3/4" HIGH STRENGTH BOLTS CONFORMING TO ASTM A325. ONE SIDED CONNECTIONS ARE NOT PERMITTED UNLESS DETAILED ON DRAWINGS

GENERAL CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS, OPENING DIMENSIONS AND WEIGHTS PRIOR TO STRUCTURAL STEEL FABRICATION. NOTIFY ENGINEER IF DIFFERENT FROM THAT SHOWN ON DRAWINGS.

ALL CONNECTIONS TO TUBES AND PIPES SHALL USE THRU PLATES UNLESS NOTED OTHERWISE.

WHEN FORCES ARE NOT SHOWN, THE CONNECTION SHALL DEVELOP 1/2 OF THE ALLOWABLE UNIFORM LOAD AS SPECIFIED IN THE BEAM TABLES OF AISC (ASD). A MINIMUM OF 2 BOLTS SHALL BE USED.

ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES IN ACCORDANCE WITH THE AWS D.1.1 SPECIFICATIONS.

PROVIDE ANGLE 4x4x5/16 FRAMING AT ALL ROOF OPENINGS TO SUPPORT EDGE OF ROOF DECK.

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

ALL STEEL EXPOSED TO THE EXTERIOR SHALL BE HOT-DIPPED GALVANIZED IN ACCORDING TO ASTM A123.

PRIME ALL STEEL NOT IN CONTACT WITH CONCRETE. DO NOT PRIME STEEL IN AREAS TO RECEIVE SLIP CRITICAL BOLTS (FRICTION BOLTS). DO NOT PRIME STEEL THAT IS TO RECEIVE FIREPROOFING.

ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE ADJUSTABLE MASONRY ANCHORS AT 2'-8" ON CENTER.

COLD FORMED STEEL:

ALL SIZING BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (ICBO ER-4943P) PRODUCT TECHNICAL INFORMATION.

ALL STUDS TO HAVE A MINIMUM 2" WIDE FLANGE U.N.O.

ALL GALVANIZED STUDS AND JOISTS 12, 14 AND 16 GAUGE SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF ASTM A653 SS, GRADE 50, CLASS 1 OR 3 WITH A MINIMUM YIELD OF 50,000 PSI.

ALL GALVANIZED 18 AND 20 GAUGE STUDS AND JOISTS; ALL GALVANIZED TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653 SS, GRADE 33 WITH A MINIMUM YIELD OF 33,000 PSI.

ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653.

THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY THE STEEL STUD MANUFACTURER ASSOCIATION AND AISI DESIGN MANUAL SHALL BE CONSIDERED THE MINIMUM PERMITTED FOR ALL FRAMING MEMBERS SPECIFICALLY, THE FOLLOWING MINIMUM PROPERTIES, CALCULATED IN ACCORDANCE WITH THE LATEST AISI SPECIFICATION SHALL BE PROVIDED: IX (IN 4), SX (IN 3), AREA (IN 2), RX (IN.), FY (KSI), RESISTING MOMENT (IN-LB).

ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING PRIOR TO DELIVERY, BY THE ARCHITECT AND/OR ENGINEER OF RECORD.

INSTALLATION OF STUDS SHALL BE AS PER ASTM C1007-11a "SPECIFICATION FOR INSTALLATION OF LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS AND RELATED ACCESSORIES", ASTM C955-11c "STANDARD SPECIFICATION FOR LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS, RUNNERS (TRACK), AND BRACING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM PANEL PRODUCTS AND METAL PLASTER BASES", AND ASTM C774-15 "SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW ATTACHED GYPSUM PANEL PRODUCTS".

ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

ALL TRACK BUTT JOINTS ABUTTING PIECES OF TRACK SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT-WELDED OR SPICED TOGETHER.

ALL STUD BRIDGING SHALL BE ATTACHED IN A MANNER TO PREVENT STUD ROTATION. BRIDGING ROWS SHALL BE SPACED ACCORDING TO SUPPLIERS RECOMMENDATIONS.

TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.

JOIST SHALL BE LOCATED DIRECTLY OVER BEARING STUDS OR A LOAD DISTRIBUTION MEMBER SHALL BE PROVIDED AT THE TOP TRACK.

JOIST BRIDGING SHALL BE COMPRISED OF SOLID BRIDGING AND FLAT STRAPPING. USE SOLID BRIDGING IN FIRST AND LAST TWO ROWS OF JOISTS. ATTACH FLAT STRAPPING TO TOP AND BOTTOM FLANGES OF JOISTS FROM THIRD ROW EXTENDING FOR A MAXIMUM OF 10'-0". REPEAT SOLID BRIDGING FOR ONE JOIST SPACE AND THEN ANOTHER 10'-0" OF FLAT STRAPPING. REPEAT. OMIT TOP FLANGE BRIDGING WHERE PLYWOOD DECK IS PROPERLY ATTACHED TO THE TOP FLANGE OF JOISTS.

JOIST SHALL BE BRIDGED AT MAXIMUM 4'-0" SPACING.

END BLOCKING SHALL BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.

JOISTS MUST HAVE A MINIMUM OF 10" UNPUNCHED STEEL AT BEARING POINTS. STUDS MUST HAVE A MINIMUM OF 10" OF UNPUNCHED STEEL AT EACH END.

STUD ENDS MUST BE SQUARELY SEATED AGAINST THE TRACK WEB. BOTH STUD FLANGES MUST BE ATTACHED TO TRACK MEMBERS AT TOP AND BOTTOM.

STUD BRIDGING SHALL BE PROVIDED BY 1-1/2" COLD ROLLED U-CHANNEL. THE U-CHANNEL MUST BE ATTACHED TO EACH STUD BY WELDING OR ATTACHING WITH CLIP ANGLES AND SCREWS. HORIZONTAL STRAPPING AND SOLID BRIDGING WITH TRACK MEMBERS CAN ALSO BE USED FOR BRIDGING. BRIDGING SHALL BE SPACED AT 4'-0" O.C. MAXIMUM.

THE FOLLOWING MINIMUM COLD FORMED STEEL ATTACHMENTS SHALL BE PROVIDED U.N.O.:

TRACK TO STRUCTURAL STEEL	(1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C.
TRACK TO METAL DECK	(1) #10 TEK SCREW AT 16" O.C.
TRACK TO CONCRETE	(1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C.
STUD TO STRUCTURAL STEEL	(1) 1/2x2x14 GAUGE CLIP ANGLE CONNECTION WITH (2) #10 TEK SCREWS INTO METAL STUD AND (2) .145"Ø POWDER DRIVEN FASTENERS INTO STRUCTURAL STEEL.
TRACK TO STUD	(2) #10 TEK SCREWS
STUD TO STUD	(2) #10 TEK SCREWS

PLYWOOD SHEATHING/DECKING:

WOOD APA-RATED STRUCTURAL SHEATHING SHALL CONFORM TO PRODUCT STANDARD PS-1 AND PS-2 OF THE U.S. DEPT. OF COMMERCE AND THE AMERICAN PLYWOOD ASSOCIATION (APA).

WALL SHEATHING SHALL BE 1/2" (32/16) EXPOSURE 1 AND ROOF SHEATHING SHALL BE 3/4" (48/24) EXPOSURE 1. ATTACH WITH #8 SCREWS AT 6" O.C. AT ALL SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

EARTHWORK/SUBSURFACE INVESTIGATION:

GENERAL:

THE CONTRACTOR SHALL REFER TO THE THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT AND SPECIFICATIONS FOR ALL REQUIREMENTS RELATED TO EXCAVATION, PREPARATION OF THE SUBGRADE, COMPACTION PROCEDURES, AND FOR ANY OTHER GEOTECHNICAL REQUIREMENTS. WHERE CONFLICTING REQUIREMENTS BETWEEN THE DRAWINGS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT ARE PRESENT, THE MOST STRINGENT REQUIREMENT SHALL BE BID UNLESS OTHERWISE ADDRESSED BY THE ENGINEER OF RECORD IN A FORMAL REQUEST FOR INFORMATION.

THE RECOMMENDATIONS PRESENTED HEREIN ARE IN ACCORDANCE WITH THE SUBSURFACE INVESTIGATION REPORT PREPARED BY:

PROFESSIONAL SERVICES, INC. PROJECT NO. 07572735, DATED DECEMBER 17, 2021.

PROOFROLLING:

PRIOR TO EXCAVATION FOR STRUCTURES, PROOFROLL BUILDING AND PAVEMENT AREAS USING A HEAVILY LOADED DUMP TRUCK OR SIMILARLY HEAVILY LOADED VEHICLE. ALL SOFT, LOOSE OR UNSTABLE AREAS ARE TO BE STABILIZED WITH ADDITIONAL COMPACTION OR UNDERCUT AND REPLACED WITH ENGINEERED FILL.

ENGINEERED FILL:

ENGINEERED FILL SHALL BE WELL GRADED MATERIAL FREE FROM DEBRIS, ORGANIC MATERIAL, FROZEN MATERIALS, BRICK, LIME, CONCRETE AND OTHER MATERIALS THAT WOULD PREVENT ADEQUATE PERFORMANCE. FILL SHALL CONFORM TO ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP OR SM.

UNLESS OTHERWISE NOTED, THE PROPOSED ENGINEERED FILL MATERIALS ARE TO BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES IN LOOSE MEASURED THICKNESS. EACH LIFT IS TO BE COMPACTED A MINIMUM OF 98% MAXIMUM DENSITY BY ASTM D698.

THE EARTHWORK PROGRAM SHOULD BE CONDUCTED UNDER THE SUPERVISION OF A SOILS LABORATORY.

THE IN-PLACE DENSITIES ACHIEVED ARE TO BE VERIFIED BY TEST.

BACKFILL:

BACKFILL OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT.

BACKFILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION.

PRIOR TO BACKFILL OPERATIONS AGAINST FOUNDATION WALLS, THE WALLS SHALL BE PROPERLY SHORED TO RESIST THE LATERAL FORCE OF THE BACKFILL AND ASSOCIATED EQUIPMENT. LATERAL SHORES MAY BE ELIMINATED WHERE THE FLOOR SLAB CONNECTING TO THE WALLS HAS ACHIEVED THEIR DESIGN STRENGTH.

WHERE FINAL GRADES ARE APPROXIMATELY EQUAL ON BOTH SIDES OF A WALL, BACKFILL EQUALLY ON BOTH SIDES OF THE WALL IN LIFTS TO MAINTAIN LEVEL ELEVATIONS TO WITHIN 1'-0" AT ANY GIVEN TIME.

FOUNDATION SYSTEMS:

GENERAL:

THE CONTRACTOR SHALL STUDY THE GEOTECHNICAL INVESTIGATION REPORT (REFER TO THE "EARTHWORK/SUBSURFACE INVESTIGATION" SECTION UNDER THE GENERAL NOTES) AND VISIT THE SITE PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL VERIFY ANY EXISTING FIELD CONDITION THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM.

THE CONTRACTOR SHALL EXERCISE GREAT CARE DURING EXCAVATION. UNDERGROUND UTILITY LOCATIONS, IF SHOWN, ARE APPROXIMATE. THE CONTRACTOR SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXIST. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE SUPPORT OF UTILITIES ACROSS EXCAVATIONS.

SHEETING, SHORING, AND DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR.

A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW TO ENSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATIONS, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT.

BOTTOM OF ALL EXTERIOR FOOTINGS/GRADE BEAMS SHALL BEAR A MINIMUM OF 1'-6" BELOW ADJACENT FINAL GRADE.

SPREAD/TRENCH FOOTINGS:

BEARING ELEVATIONS ARE ESTIMATED FROM SOIL BORING DATA INDICATED IN THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT. DETERMINATION OF FINAL BEARING ELEVATIONS, TOPSOIL AND EXCAVATION STRIPPING DEPTH, INSPECTION OF ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, EXCAVATION OPERATIONS, APPROVAL OF FILL MATERIALS, DENSITY TESTING OF FILLS TO ENSURE PLACEMENT PER SPECIFICATION REQUIREMENTS, INSPECT FOUNDATION BEARING SURFACES, AND VERIFY ALLOWABLE BEARING PRESSURES IS THE TESTING LABORATORIES RESPONSIBILITY.

ALL FOUNDATIONS ARE TO REST ON FIRM UNDISTURBED SOIL OR COMPACTED FILL FREE FROM ORGANIC MATTER. IF POOR SOIL CONDITIONS ARE ENCOUNTERED AT FOUNDATION DEPTHS SHOWN, NOTIFY OWNERS REPRESENTATIVE BEFORE PROCEEDING WITH CONSTRUCTION.

FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 2500 PSF.

NEW FOOTINGS PLACED ADJACENT TO EXISTING FOOTINGS SHALL BEAR AT THE SAME ELEVATION, UNLESS NOTED OTHERWISE.

STEP FOOTINGS AT A RATIO OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL WITH A MAXIMUM VERTICAL STEP OF 2'-0" UNLESS NOTED OTHERWISE.

INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES, WHICH WILL RESULT IN DETERIORATION OF BEARING FORMATIONS, SHALL BE PREVENTED. FOOTINGS SHALL BE PLACED IMMEDIATELY FOLLOWING FOOTING EXCAVATIONS AND BEARING SURFACE INSPECTION.

UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.

STEEL JOISTS:

STEEL JOIST DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO SJI 100-15 SPECIFICATIONS AND CODE OF STANDARD PRACTICE OF THE STEEL JOIST INSTITUTE OR AS SHOWN ON THE DRAWINGS.

PROVIDE HORIZONTAL AND/OR DIAGONAL BRIDGING PER SJI REQUIREMENTS.

NO LIGHT GAGE FRAMING, MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM OR ATTACHED TO ANY INTERIOR BRIDGING.

AT ALL CONCENTRATED LOADS NOT LOCATED AT JOIST PANEL POINTS, HANGING FROM TOP OR BOTTOM JOIST CHORDS, FIELD WELD ADDITIONAL WEB ANGLE 2x2x1/4 FROM LOAD LOCATION TO ADJACENT PANEL POINT.

GENERAL CONTRACTOR SHALL VERIFY ALL STRUCTURAL STEEL JOIST LOCATIONS, MECHANICAL UNIT WEIGHTS AND OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR AND VENDOR'S DRAWINGS FOR ACTUAL MECHANICAL UNITS PURCHASED.

GENERAL PROVISIONS:

TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS OTHERWISE NOTED.

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED, VISIT THE SITE TO DETERMINE THE EXISTING CONDITIONS, AND DETERMINE THE EXTENT OF WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

EXISTING CONDITIONS, AS SHOWN ON THESE PLANS, ARE FOR REFERENCE ONLY. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL ASSUME THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT AMONG SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.

ANY DEVIATION, MODIFICATION, OR SUBSTITUTION FROM THE BID SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW/APPROVAL PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS. WITHOUT SUCH PRIOR APPROVAL, DEVIATIONS, MODIFICATIONS, OR SUBSTITUTIONS WILL BE REJECTED. COSTS FOR DEMOLITION AND REWORK OF SUCH ITEMS WILL BE BORNE BY THE CONTRACTOR.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED FOR IN-SERVICE LOADS ONLY. THE MEANS, METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, WHICH INCLUDE THE DETERMINATION OF ALLOWABLE CONSTRUCTION LOADING OF THE STRUCTURE. THE CONTRACTOR SHALL PROVIDE, DESIGN, MONITOR, AND MAINTAIN ALL NECESSARY TEMPORARY AND PERMANENT SYSTEMS (SHORING, BRACING, GUYS, FALSEWORK, FORMWORK, SHEETING, ETC.) TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ALL SYSTEMS SHOWN ON THE DOCUMENTS ARE PARTIAL AND SCHEMATIC IN NATURE AND EXTENTS ARE NOT ALL INCLUSIVE. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK. SHORING SYSTEMS SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW THE STRUCTURAL CONTRACT DOCUMENTS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CONFLICTS BETWEEN THOSE DOCUMENTS AND ANY SAFETY REGULATIONS. SUCH REVIEW AND NOTIFICATION SHALL OCCUR PRIOR TO PRODUCTION OF SHOP DRAWINGS.

THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS, AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE FACILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.

SITE VISITS PREFORMED BY THE ARCHITECT/ENGINEER DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PREFORMED BY THE CONTRACTOR.

STRUCTURAL OBSERVATIONS PERFORMED BY THE ARCHITECT/ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING DEPARTMENT INSPECTOR OR THE TESTING AGENCY. ALSO, OBSERVATIONS DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

ALL WALLS, FLOORS, AND ROOF MEMBERS SHALL BE SECURELY SHORED AND BRACED AT ALL TIMES DURING CONSTRUCTION.

NO PIPES OR DUCTS SHALL BE EMBEDDED INTO STRUCTURAL MEMBERS UNLESS SO SHOWN ON THE PLANS OR APPROVED BY THE ENGINEER.

NO STRUCTURAL ELEMENTS ARE TO BE CUT UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

SHOP DRAWINGS:

REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

REPRODUCTION OF THE STRUCTURAL DRAWINGS FOR USE IN PREPARATION OF SHOP DRAWINGS IS STRICTLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD. SHOP DRAWINGS SUBMITTED WITH REPRODUCED STRUCTURAL DRAWINGS AND/OR DETAILS WITHOUT CONSENT WILL BE REJECTED.

SUBMIT SHOP DRAWINGS 15 BUSINESS DAYS (MINIMUM) PRIOR TO DATE THAT RETURNED SHOP DRAWINGS ARE REQUIRED.

SHOP DRAWINGS SHALL BEAR THE CONTRACTORS STAMP OF APPROVAL, WHICH SHALL CONSTITUTE CERTIFICATION THAT ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, AND MATERIALS SPECIFIED IN THE CONTRACT DOCUMENTS HAVE BEEN VERIFIED AND EACH DRAWING HAS BEEN CHECKED FOR COMPLETENESS, COORDINATION, AND COMPLIANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LAUNDRY AND FOOD SERVICE DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS, SLEEVES, CONCRETE HOUSEKEEPING PADS, INSERTS, AND DEPRESSIONS DURING SHOP DRAWING PREPARATION.

WHERE A DELEGATED DESIGN IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR EACH ITEM, COMPONENT, AND CONNECTION NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED ENGINEER (IN THE PROJECT'S JURISDICTION), DRAWINGS AND CALCULATIONS SHALL SHOW LOCATIONS AND MAGNITUDES OF LOADS IMPOSED ON THE STRUCTURE. THE ENGINEER OF RECORD RESERVES THE RIGHT TO MODIFY LOAD PATH SUGGESTED BY THE DELEGATED DESIGN ENGINEER.

DELEGATED DESIGN:

CONTRACTOR IS RESPONSIBLE FOR DESIGN OF THE FOLLOWING ITEMS INCLUDING DESIGN OF THE CONNECTIONS OF EACH ITEM TO THE SUPPORTING STRUCTURAL FRAMING

- OPEN-WEBBED STEEL JOISTS
- CLADDING (SEPARATE PERMIT)
- CANOPIES AND OVERHANGS (SEPARATE PERMIT)
- PRE-FABRICATED TOWERS & PANELS

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EACH ITEM LISTED ABOVE. REFER TO THE "SHOP DRAWING" SECTION UNDER THE GENERAL NOTES FOR ADDITIONAL INFORMATION.

INFORMATION SHOWN IN THE CONTRACT DOCUMENTS (E.G., DEPTHS, GAGES, SPACING, PLYS, ETC.) ARE CONSIDERED MINIMUMS AND ARE SCHEMATIC IN NATURE. INCREASED GAGE/PLYS AND/OR DECREASED SPACINGS MAY BE REQUIRED AND SHALL BE COMPLETED AT NO CHARGE TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF THE FOLLOWING ITEMS INCLUDING DESIGN OF THE CONNECTIONS OF EACH ITEM TO THE SUPPORTING STRUCTURAL FRAMING:

GOVERNING BUILDING CODE:

GOVERNING BUILDING CODE: 2020 FLORIDA BUILDING CODE

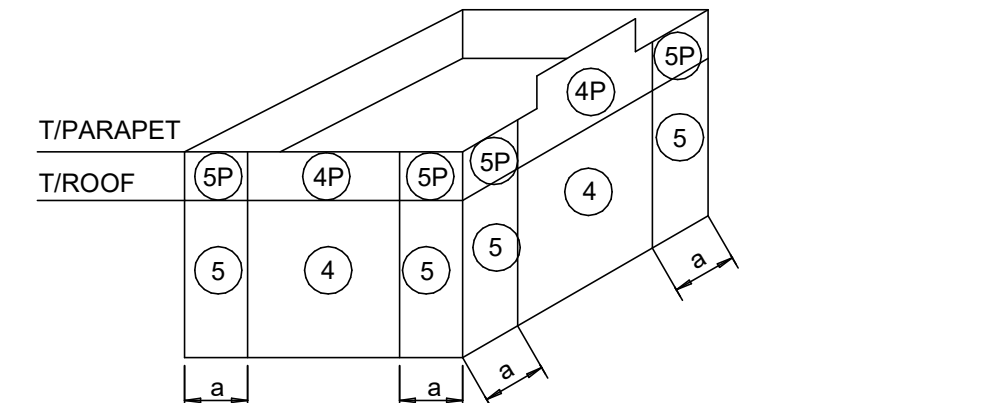
DESIGN LOADING:

DESIGN LOADS:

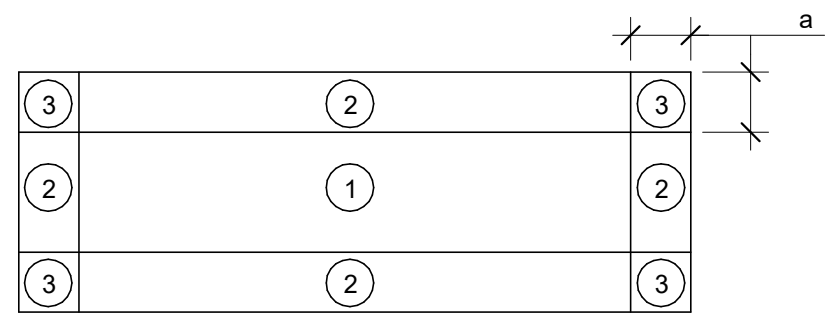
2020 FLORIDA BUILDING CODE

A. ROOF LIVE LOAD	20 PSF
B. FLOOR LIVE LOAD (RETAIL FIRST FLOOR)	100 PSF
C. ROOF SNOW LOADS GROUND SNOW LOAD (Pg)	0 PSF
D. DEAD LOADS	ACTUAL MATERIAL WEIGHTS
E. WIND LOADS V (ULTIMATE) V (NOMINAL) 3 SECOND GUST IMPORTANCE FACTOR RISK CATEGORY EXPOSURE CATEGORY INTERNAL PRESSURE COEF.	140 MPH 108 MPH 1.0 II B ±18
F. SEISMIC LOADS SEISMIC IMPORTANCE FACTOR: BUILDING OCCUPANCY CATEGORY: SITE CLASS Ss: S1: SPECTRAL RESPONSE COEFF: SHOR PERIOD (SDS): 1 SEC. PERIODS (SD1): SEISMIC DESIGN CATEGORY: BASIC SEISMIC FORCE RESISTING SYSTEM: BASIC FRAMING SYSTEM: SEISMIC RESISTING SYSTEM: DEFLECTION AMPLIFICATION FACTOR (Cd) RESPONSE MOD. FACTOR (R) OVERSTRENGTH FACTOR (O) SEISMIC RESPONSE COEFF (Cs) BASE SHEAR (V) ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE	1.0 II D 0.061 0.033 0.033 0.018 A LOAD BEARING WALLS ORDINARY REINFORCED MASONRY SHEAR WALLS 1.75 2.0 2.5 0.02 1.0 KIPS
G. INTERIOR NON-BEARING PARTITION LOAD (WIND)	10 PSF

C&C Wind Pressures				
	Zone:	10 SF	50 SF	100 SF
Roof:	1	16.00 psf	16.00 psf	16.00 psf
		-48.0 psf	-48.0 psf	-48.0 psf
	2	16.00 psf	16.00 psf	16.00 psf
		-56.7 psf	-54.6 psf	-52.4 psf
	3	16.00 psf	16.00 psf	16.00 psf
		-78.6 psf	-69.8 psf	-61.1 psf
Walls:	Overhang Zone 2	-69.8 psf	-68.7 psf	-67.6 psf
	Overhang Zone 3	-113.5 psf	-91.6 psf	-82.9 psf
	4	40.5 psf	38.8 psf	37.1 psf
		-31.6 psf	-29.9 psf	-26.4 psf
	5	40.5 psf	38.8 psf	37.1 psf
		-41.9 psf	-38.5 psf	-26.4 psf
Parapet:	4p	97.2 psf	93.3 psf	89.4 psf
		-72.1 psf	-68.7psf	-63.5 psf
	5p	154.0 psf	130.5 psf	120.0 psf
		-82.4 psf	-77.2 psf	-70.4 psf
Notes:	1. TRIBUTARY PRESSURES ARE FOR THE SQUARE FOOT (SF) TRIBUTARY AREA SHOWN. FOR OTHER TRIBUTARY AREAS, LINEARLY INTERPOLATE BETWEEN VALUES SHOWN ABOVE. 2. POSITIVE PRESSURES ACT TOWARD THE BUILDING. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING. 3. ALL WIND PRESSURES IN THE TABLE ARE BASED ON ULTIMATE WIND SPEEDS. TO CONVERT TO NOMINAL WIND PRESSURES MULTIPLE VALUES BY 0.6. 4. "a" = 3'-0"			



WALLS (GENERIC BUILDING SHOWN)



ROOF (GENERIC BUILDING SHOWN)



GPD GROUP, INC.
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SPECIAL INSPECTION AND TESTING:

THIS PROJECT REQUIRES SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH CHAPTER 17 OF THE 2018 FLORIDA BUILDING CODE. THESE NOTES AND THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THE PROJECT OWNER ARE INTENDED TO INFORM THE CONTRACTOR OF THE QUALITY ASSURANCE PROGRAM AND THE EXTENT OF THE CONTRACTORS RESPONSIBILITIES.

THE SPECIAL INSPECTIONS & TESTING PROGRAM:

THE SPECIAL INSPECTION AND TESTING PROGRAM IS A QUALITY ASSURANCE PROGRAM INTENDED TO ENSURE THAT THE WORK IS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN FBC SECTION 110. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO COMPLY WITH THE OFFICIAL CONTRACT DOCUMENTS. FURTHER, IT IS NOT INTENDED THAT THE CONTRACTOR'S CONTRACTUAL AND STATUTORY OBLIGATIONS ARE ANYWAY RELIEVED OR FOREGONE BY THE PRESENCE OF THE SPECIAL INSPECTOR. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE OFFICIAL CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR DOES NOT REPLACE THE DUTIES OF THE BUILDING OFFICIAL NOR THE QUALITY CONTROL RESPONSIBILITIES AND PERSONNEL OF THE CONTRACTOR. JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

THE PROJECT OWNER IS RESPONSIBLE FOR EMPLOYING SPECIAL INSPECTION SERVICES. THE SPECIAL INSPECTOR/AGENCY SHALL NOT BE IN THE EMPLOY OF THE CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER, FBC SEC. 1704.2. IN THE CASE OF AN OWNER/CONTRACTOR, THE SPECIAL INSPECTOR/AGENCY SHALL BE EMPLOYED AS SPECIFIED BY THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR IS OBLIGATED TO BOTH THE OWNER AND THE BUILDING OFFICIAL FOR OBSERVING THAT THE WORK IS EXECUTED IN SUBSTANTIVE ACCORDANCE WITH THE OFFICIAL CONTRACT DOCUMENTS. THE OFFICIAL CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED PLANS AND SPECIFICATIONS, ADDENDA, CHANGE ORDERS, ISSUED SKETCHES AND REVISION DRAWINGS, AND ALL DIRECTIVES ISSUED BY ARCHITECT/ENGINEER.

THE INSPECTION AND TESTING AGENTS SHALL DISCLOSE ANY PAST OR PRESENT BUSINESS RELATIONSHIP OR POTENTIAL CONFLICT OF INTEREST WITH THE CONTRACTOR OR ANY OF THE SUBCONTRACTORS WHOSE WORK IS TO BE INSPECTED OR TESTED. THE SPECIAL INSPECTORS MAY HAVE NO FINANCIAL INTEREST IN PROJECTS FOR WHICH THEY PROVIDE SPECIAL INSPECTION SERVICES.

SPECIAL INSPECTION REPORT REQUIREMENTS:

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS AND TESTS. THE SPECIAL INSPECTOR SHALL FURNISH THE INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT THE WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND TESTS AND CORRECTION OF ANY OF THE DISCREPANCIES NOTED IN THE INSPECTIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

CONTRACTOR RESPONSIBILITIES:

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR IN ADVANCE OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS IN ORDER TO ASSURE TIMELY AND APPROPRIATE INSPECTION FOR THE ITEMS LISTED IN THE SCHEDULE OF SPECIAL INSPECTIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTICE TO THE SPECIAL INSPECTOR FOR ALL INSPECTIONS.

THE CONTRACTOR SHALL COOPERATE WITH AND ASSIST THE SPECIAL INSPECTOR IN PERFORMING HIS INSPECTION DUTIES. THE SPECIAL INSPECTOR SHALL HAVE FREE ACCESS TO THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL REVIEW THE SPECIAL INSPECTION PLAN AND COORDINATE THE SCHEDULE OF WORK TO ACCOMMODATE THE REQUIRED INSPECTIONS.

PROVIDE ACCESS TO APPROVED PLANS: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF THE CONTRACT DOCUMENTS AT THE JOB SITE.

CORRECT DISCREPANCIES AND DEVIATIONS: THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS.

WORK COMPLETED WITHOUT INSPECTION: WORK REQUIRING INSPECTION WHICH IS COMPLETED WITHOUT INSPECTION WILL BE REJECTED SOLELY ON THAT BASIS.

RETAIN SPECIAL INSPECTION RECORDS: THE CONTRACTOR IS ALSO RESPONSIBLE FOR RETAINING AT THE JOB SITE ALL SPECIAL INSPECTION RECORDS COMPLETED BY THE SPECIAL INSPECTOR.

COORDINATE AND SUBMIT: THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING TO THE BUILDING OFFICIAL AND THE OWNER A STATEMENT OF CONTRACTOR RESPONSIBILITY, NYBC SECTION 1704.4, FOR THEMSELVES AND FOR SUBMITTING A STATEMENT OF CONTRACTOR RESPONSIBILITY FOR EACH STRUCTURAL COMPONENT SUBCONTRACTOR. THE STATEMENTS OF RESPONSIBILITY SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.

- A. THE STATEMENT OF CONTRACTOR RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
1. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.

2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.

3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.

4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.
- B. STRUCTURAL COMPONENT SUBCONTRACTORS INCLUDE BUT ARE NOT LIMITED TO STRUCTURAL STEEL FABRICATORS AND ERECTORS, COMPONENT FABRICATORS, SUCH AS STEEL JOISTS, METAL OR WOOD TRUSSES, CONCRETE AND MASONRY CONTRACTORS.
- C. AT THE COMPLETION OF STRUCTURAL COMPONENT FABRICATION, THE FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF:

RETESTING AND REINSPECTION OF MATERIALS, WORK AND/OR PRODUCTS THAT DO NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHOP DRAWINGS/SUBMITTAL DATA.

REVIEW OF PROPOSED REPAIR AND/OR REPLACEMENT PROCEDURES BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE INSPECTORS AND TESTING AGENCIES.

REPAIR OR REPLACEMENT OF WORK THAT DOES NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR THE TRAVEL COSTS OF THE SPECIAL INSPECTOR OR AGENTS WHEN SHOP INSPECTION IS REQUIRED OF A NON-APPROVED STRUCTURAL COMPONENT FABRICATOR.

INSPECTION OF FABRICATION:

WHERE FABRICATION OF STRUCTURAL, LOAD BEARING, OR LATERAL LOAD RESISTING MEMBERS OR ASSEMBLIES ARE PERFORMED ON THE PREMISES OF THE FABRICATOR, THE SHOP FABRICATION REQUIRES SPECIAL INSPECTION DURING THE FABRICATION OF ITEMS FOR THIS PROJECT.

EXEMPTION:

FABRICATORS APPROVED BY THE BUILDING OFFICIAL ARE EXEMPT FROM THE ON-PREMISE INSPECTION. THE APPROVAL BY THE BUILDING OFFICIAL OF ANY FABRICATOR SHOULD BE PROPERLY DOCUMENTED PRIOR TO THE COMMENCEMENT OF FABRICATION. EXEMPTION WILL BE PROVIDED TO FABRICATORS WHO PROVIDE PROOF OF CERTIFICATION BY A NATIONALLY RECOGNIZED GOVERNING ASSOCIATION WHICH PERFORMS PERIODIC INSPECTIONS AND MAINTAINS QUALITY ASSURANCE CRITERIA. EXAMPLES ARE: AISC CERTIFICATION FOR A STEEL FABRICATOR, SJI CERTIFICATION FOR A STEEL JOIST MANUFACTURER, WTC AND TPI CERTIFICATION FOR A PRE-ENGINEERED WOOD TRUSS MANUFACTURER.

AT THE COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

CONCRETE TESTING NOTES:

CONCRETE TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND THE SCHEDULE OF SPECIAL INSPECTIONS. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 75 C.Y. OF CONCRETE USED FOR FOOTINGS, NOR LESS THAN ONCE FOR EACH 5000 SQUARE FEET OF SURFACE AREA FOR SLABS. TEST REPORTS INDICATING NON-COMPLIANCE SHALL BE PROVIDED TO THE OWNER, ARCHITECT & CONTRACTOR. A COPY OF THE TEST REPORTS SHALL BE AVAILABLE AT THE JOBSITE.

STEEL INSPECTION & TESTING NOTES:

STRUCTURAL STEEL TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE REFERENCED STANDARDS AND THE SCHEDULE OF SPECIAL INSPECTIONS.

FIELD BOLTED CONNECTIONS WILL BE TESTED AND INSPECTED ACCORDING TO AISC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS."

FIELD WELDS SHALL BE INSPECTED AND TESTED ACCORDING TO AWS D1.1. IN ADDITION TO VISUAL INSPECTION, WELDED MOMENT CONNECTIONS WILL BE TESTED BY ULTRASONIC, ASTM E164, OR OTHER AWS APPROVED METHOD.

MASONRY INSPECTION & TESTING NOTES:

CONCRETE MASONRY TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 530 AND THE SCHEDULE OF SPECIAL INSPECTIONS. INSPECTION SHALL INCLUDE GENERAL INSPECTION OF WORK IN PROGRESS TO CONFIRM THAT MATERIALS, CONSTRUCTION AND WORKMANSHIP ARE IN COMPLIANCE WITH PLANS, SPECIFICATIONS AND GOOD CONSTRUCTION PRACTICES. ADDITIONALLY, MORTAR SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C780 ANNEX A6. EACH TEST SHALL CONSIST OF THREE SPECIMENS.

FREQUENCY OF TESTING: AT THE BEGINNING OF MASONRY CONSTRUCTION AND FOR EVERY 5000 SQUARE FEET OF MASONRY INSTALLED THEREAFTER.

COLD WEATHER = LESS THAN 40 DEGREES FAHRENHEIT
HOT WEATHER = GREATER THAN 90 DEGREES FAHRENHEIT

INSPECTOR TO BE CERTIFIED BY THE FLORIDA CODE COUNCIL.

OTHER REQUIRED INSPECTIONS:

THE REQUIREMENTS OF SPECIAL INSPECTIONS AND TESTING IN ACCORDANCE OF THE 2020 FLORIDA BUILDING CODE ARE MINIMUM REQUIREMENTS AND DO NOT LIMIT THE REQUIREMENTS FOR THE CONTRACTOR TO PROVIDE OTHER QUALITY CONTROL INSPECTIONS AND TESTING REQUIRED BY THE OWNER, CONTRACT DOCUMENTS, OR OTHER GOVERNING AUTHORITIES HAVING JURISDICTION.

DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315420
STORE NUMBER:	457313
PA/PM:	JW
DRAWN BY.:	JRM
JOB NO.:	2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
STRUCTURAL
SPECIAL
INSPECTIONS

S0.2



2018 FLORIDA BUILDING CODE

SCHEDULE OF SPECIAL INSPECTIONS

1705.2.2 COLD FORMED STEEL DECK (SDI QAQC - 2017)

TABLE 1.1 INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT

TASK		Y/N	EXTENTS
A	VERIFY COMPLIANCE OF MATERIAL (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS.	Y	EACH SUBMITTALS
B	DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	Y	EACH SUBMITTALS

TABLE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT

TASK		Y/N	EXTENTS
A	VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	Y	PERIODIC
B	VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	Y	PERIODIC
C	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	Y	PERIODIC

TABLE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING

TASK		Y/N	EXTENTS
A	WELDING PROCEDURE SPECIFICATIONS, (WPS) AVAILABLE	Y	PERIODIC
B	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Y	PERIODIC
C	MATERIAL IDENTIFICATION, (TYP/GRADE)	Y	PERIODIC
D	CHECK WELDING EQUIPMENT	Y	PERIODIC

TABLE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING

TASK		Y/N	EXTENTS
A	USE OF QUALIFIED WELDERS	Y	PERIODIC
B	CONTROL AND HANDLING OF WELDING CONSUMABLES	Y	PERIODIC
C	ENVIRONMENTAL CONDITIONS, (WIND SPEED, MOISTURE, TEMPERATURE)	Y	PERIODIC
D	WPS FOLLOWED	Y	PERIODIC

TABLE 1.5 INSPECTION OR EXECUTION TASKS AFTER WELDING

TASK		Y/N	EXTENTS
A	VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	Y	PERIODIC
B	WELDS MEET VISUAL ACCEPTANCE CRITERIA	Y	PERIODIC
C	VERIFY REPAIR ACTIVITIES	Y	PERIODIC
D	DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	Y	PERIODIC

TABLE 1.6 INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING

TASK		Y/N	EXTENTS
A	MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	Y	PERIODIC
B	PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	Y	PERIODIC
C	PROPER STORAGE FOR MECHANICAL FASTENERS	Y	PERIODIC

TABLE 1.7 INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING

TASK		Y/N	EXTENTS
A	FASTENERS ARE POSITIONED AS REQUIRED	Y	PERIODIC
B	FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	Y	PERIODIC

TABLE 1.8 INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING

TASK		Y/N	EXTENTS
A	CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS	Y	PERIODIC
B	CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS	Y	PERIODIC
C	CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS	Y	PERIODIC
D	VERIFY REPAIR ACTIVITIES	Y	PERIODIC
E	DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	Y	PERIODIC

1704.2.5 INSPECTION OF FABRICATORS

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT	
		Y/N	EXTENT
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN-PLANT REVIEW (3) DURING FABRICATION	Y	SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.

1705.2.3 OPEN-WEB STEEL JOIST AND JOIST GIRDERS

TYPE	APPLICABLE TO PROJECT		REFERENCED STANDARD
	Y/N	EXTENT	
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.			
a. END CONNECTIONS - WELDED OR BOLTED.	Y	PERIODIC	S/J SPECIFICATIONS LISTED IN SECTION 2207.1.
b. BRIDGING - HORIZONTAL OR DIAGONAL.	-		
1) STANDARD BRIDGING.	Y	PERIODIC	S/J SPECIFICATIONS LISTED IN SECTION 2207.1.
2) BRIDGING THAT DIFFERS FROM THE S/J SPECIFICATIONS LISTED IN SECTION 2207.1.	Y	PERIODIC	

NOTES:

1. THE INSPECTION AND TESTING AGENT OR AGENTS, SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE QUALIFICATIONS OF THE SPECIAL INSPECTOR AND/OR TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND/OR THE DESIGN PROFESSIONAL.
2. SUBMIT A LIST OF THE SPECIAL INSPECTORS ON A SEPARATE DOCUMENT TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONAL.
3. SPECIAL INSPECTIONS AS REQUIRED BY SECTION 1704.2.5 ARE NOT REQUIRED WHERE THE FABRICATOR IS APPROVED IN ACCORDANCE WITH FBC SECTION 1704.2.5.1.
4. OBSERVE ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM THESE TASKS FOR EACH WELDED JOINT, BOLTED CONNECTION, OR STEEL ELEMENT.
5. NDT OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRICATOR WHEN APPROVED BY THE AHJ. REFER TO AISC 360, N7.

DEFINITIONS:

1. SPECIAL INSPECTION: INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
2. SPECIAL INSPECTOR: QUALIFIED FIRM OR INDIVIDUAL RESPONSIBLE FOR PERFORMING SPECIFIC TESTS OR INSPECTIONS AS PART OF THE SPECIAL INSPECTION PROGRAM.
3. PERIODIC SPECIAL INSPECTION: THE PART TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK, MAY BE ALLOWED WHEN COMPLIANCE OF THE WORK OR PRODUCT CAN BE DETERMINED AFTER BEING INCORPORATED INTO THE STRUCTURE.
4. CONTINUOUS SPECIAL INSPECTION: THE FULL TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.

1705.2 STEEL CONSTRUCTION (AISC 360: CHAPTER N)

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT	
		Y/N	EXTENT
1. FABRICATOR AND ERECTOR DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, SECTION N3, PARAGRAPH 2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	SUBMITTAL REVIEW	Y	EACH SUBMITTAL
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL, HIGH-STRENGTH BOLTS, NUTS, & WASHERS, & WELD FILLER MATERIALS.	SHOP (3) AND FIELD INSPECTION	Y	PERIODIC
3. EMBEDMENTS: VERIFY DIAMETER, GRADE, TYPE, LENGTH, & EMBEDMENT. (SEE 1705.3 FOR ANCHORS)	FIELD INSPECTION	Y	PERIODIC
4. VERIFY MEMBERS LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	FIELD INSPECTION	Y	PERIODIC
5. STRUCTURAL STEEL WELDING	-----	-----	-----
a. INSPECTION TASKS PRIOR TO WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-1)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
b. INSPECTION TASKS DURING WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-2)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE (4)
c. INSPECTION TASKS AFTER WELDING (OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-3)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
d. NONDESTRUCTIVE (NDT) TESTING OF WELDED JOINTS (AISC 360: N5.5)	-----	-----	-----
1) USE OF QUALIFIED NONDESTRUCTIVE TESTING PERSONNEL.	PERFORM	Y	-----
2) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY II	SHOP (3) OR FIELD ULTRASONIC TESTING - 20% OF WELDS MINIMUM	Y	PERFORM
3) WELDED JOINTS SUBJECT TO FATIGUE.	DT & UT SHALL BE PERFORMED ON 100% OF WELDED JOINTS IDENTIFIED ON CONTRACT DRAWINGS AS BEING SUBJECT TO FATIGUE.	Y	PERFORM
4) WELDED TAB REMOVAL SITES.	AT THE END OF WELDS WHERE WELD TABS HAVE BEEN REMOVED, MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE SAME BEAM TO COLUMN JOINTS RECEIVING UT.	Y	PERFORM
5) FABRICATORS NOT REPORTS WHEN FABRICATORS PERFORMS NDT	VERIFY REPORTS	Y	EACH SUBMITTAL (5)
6. STRUCTURAL STEEL BOLTING:	SHOP (3) AND FIELD INSPECTION	-----	-----
a. INSPECTION TASKS PRIOR TO BOLTING (OBSERVE, OR PERFORM TASKS FOR EACH BOLTED CONNECTION, IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-1)	-----	-----	OBSERVE OR PERFORM AS NOTED (4)
b. INSPECTION TASKS DURING BOLTING (OBSERVE THE QA TASKS LISTED IN AISC 360, TABLE N5.6-2)	-----	-----	OBSERVE (4)
1) PRE-TENSIONED AND SUP-CRITICAL JOINTS	-----	-----	-----
a) NOT USED	-----	-----	-----
b) DIRECT TENSION INDICATOR	-----	Y	PERIODIC
c) TWIST-OFF TYPE TENSION CONTROL BOLT	-----	Y	PERIODIC
2) SNUG-TIGHT JOINTS	-----	Y	PERIODIC
	SHOP (3) AND FIELD INSPECTION AND TESTING	Y	PERFORM (4)

1705.3 CONCRETE CONSTRUCTION

MATERIAL / ACTIVITY	APPLICABLE TO PROJECT		REFERENCE D STANDARD	NYSC REFERENCE
	Y/N	EXTENT		
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	Y	PERIODIC	ACI 318 CH 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 b. INSPECT SINGLE-PASS FILLET WELDS, MAX. 5/16" c. INSPECT ALL OTHER WELDS	Y Y Y	PERIODIC PERIODIC CONTINUOUS	AWSD D14 ACI 318: 26.6.4	-
3. INSPECT ANCHORS CAST IN CONCRETE.	Y	PERIODIC	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a	Y Y	CONTINUOUS PERIODIC	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	Y	PERIODIC	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Y	CONTINUOUS	ACI 318: 26.5	1908.6, 1908.7, 1908.9
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	PERIODIC	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES b. GROUTING OF BONDED PRESTRESSING TENDONS.	N N	CONTINUOUS CONTINUOUS	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	N	PERIODIC	ACI 318: CH 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	PERIODIC	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	PERIODIC	ACI 318: 26.11.1.2[b]	-
13. CONCRETE STRENGTH TESTING AND VERIFICATION OF COMPLIANCE WITH CONSTRUCTION DOCUMENTS.	Y	PERIODIC	-	-

FOR SI: INCH = 25.4 mm.

- (a) WHERE APPLICABLE, SEE ALSO SECTION 1705.12. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
- (b) SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES, WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED. SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

1705.6 SOILS

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT	
		Y/N	EXTENT
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	FIELD INSPECTION		PERIODIC
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	FIELD INSPECTION	Y	PERIODIC
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	FIELD INSPECTION	Y	PERIODIC
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, & LIFT THICKNESSES DURING PLACEMENT & COMPACTION OF COMPACTED FILL	FIELD INSPECTION	Y	CONTINUOUS
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	FIELD INSPECTION	Y	PERIODIC

1705.4 MASONRY CONSTRUCTION

LEVEL 2 REQUIRED (TMS 402-16/TMS 602-16 CHAPTER 3)

MINIMUM VERIFICATION	REQUIRED FOR QUALITY ASSURANCE			REFERENCE FOR CRITERIA	
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	TMS 602
1. PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS.	NR	R	NR		ART. 1.5
2. PRIOR TO CONSTRUCTION, VERIFICATION OF fm AND fmsc, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE	NR	R	NR		ART. 1.4 B
3. DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE	NR	R	NR		ART. 1.5 & 1.6.3
4. DURING CONSTRUCTION, VERIFICATION OF fm AND fmsc, FOR EVERY 5,000 SQ. FT.	NR	NR	NR		ART. 1.4 B
5. DURING CONSTRUCTION, VERIFICATION OF PROPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIUM OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT.	NR	NR	NR		ART. 1.4 B
MINIMUM SPECIAL INSPECTIONS	FREQUENCY			REFERENCE FOR CRITERIA	
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. PROPORTIONS OF SITE-PREPARED MORTAR.	NR	P	NR		ART. 2.1, 2.6 A, & 2.6 C
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	NR	P	NR		ART. 2.4 B & 2.4 H
C. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	NR	P	NR		ART. 3.4 & 3.6 A
D. PRESTRESSING TECHNIQUE	NR	P	NR		ART. 3.6 B
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	NR	C ^{(1)(P)(3)}	NR		ART. 2.1 C.1
F. SAMPLE PANEL CONSTRUCTION	NR	P	NR		ART. 1.6 D
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. GROUT SPACE	NR	P	NR		ART. 3.2 D & 3.2 F
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	NR	P	NR	SEC. 10.8 & 10.9	ART. 2.4 & 3.6
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS.	NR	P	NR	SEC. 6.1.6.3.1, 6.3.6 & 6.3.7	ART. 3.2 E & 3.4
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	NR	P	NR		ART. 2.6 B & 2.4 G.1a
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:					
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	NR	P	NR		ART. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	NR	P	NR		ART. 3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS.	NR	P	NR		ART. 3.3 F
D. TYPE, SIZE, LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OR MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	NR	P	NR	SEC. 1.2.1 (a), 6.2.1, & 6.3.1	
E. WELDING OF REINFORCEMENT.	NR	C	NR	SEC. 6.1.6.1.2	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURES BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)	NR	P	NR		ART. 1.8 C & 1.8 D
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	NR	C	NR		ART. 3.6 B
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.	NR	C	NR		ART. 3.5 & 3.6 C
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	NR	C ^{(1)(P)(3)}	NR		ART. 3.3 B.9 & 3.3 F.1a
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS:	NR	P	NR		ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4

DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END, MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY.: JRM

JOB NO.: 2021088.46

TACO BELL

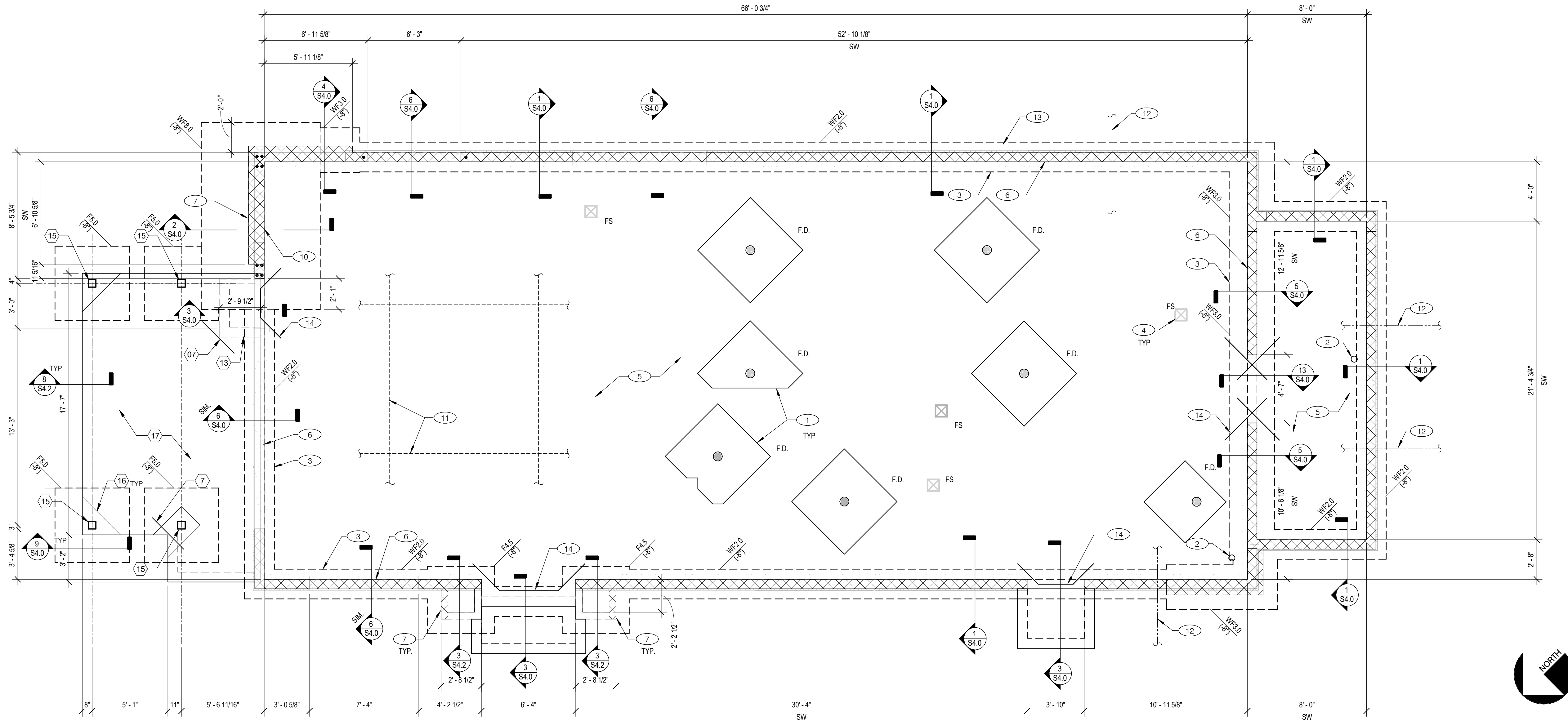
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
STRUCTURAL
SPECIAL
INSPECTIONS
(CONT.)

S0.3

PLOT DATE: 5/19/2022 9:56:25 AM



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

FOUNDATION SCHEDULE				
MARK	WIDTH	LENGTH	THICKNESS	REINFORCEMENT
F4.5	4'-6"	4'-6"	2'-0"	(5) #5 BARS TOP & BOTTOM E.W.
F5.0	5'-0"	5'-0"	2'-0"	(6) - #6 TOP & BOT. EA. WAY
WF2.0	2'-0"	CONT.	2'-0"	(3) #5 CONT. BARS TOP & BOTTOM
WF3.0	3'-0"	CONT.	2'-0"	(4) #5 CONT. BARS TOP & BOTTOM
WF8.0	8'-0"	CONT.	2'-4"	#5@12" O.C. EACH WAY TOP & BOTTOM

"F.X.X" DENOTES SPREAD FOOTING

"WFX.X" DENOTES CONTINUOUS WALL FOUNDATION.

NOTES:

- ELEVATIONS SHOWN ON FOOTINGS INDICATE TOP OF FOOTING. REFERENCE ELEVATION = TOP OF CONCRETE SLAB ELEVATION = ELEV. 0'-0".
- SEE S0.1 FOR GENERAL STRUCTURAL NOTES AND S0.2 & S0.3 FOR SPECIAL INSPECTIONS.
- DIMENSIONS NOTED ARE TO STRUCTURAL ELEMENTS/ FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF CMU AND OTHER DIMENSIONS NOT OTHERWISE NOTED.
- DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
- DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
- SEE PLUMBING DWGS. FOR PLUMBING LAYOUT DIMENSIONS, U.N.O.
- SEE ELECTRICAL DWGS. FOR ELECTRICAL LAYOUT DIMENSIONS, U.N.O.
- COORDINATE FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO CASTING SLAB.
- GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- SPREAD FOOTINGS SHALL BE CENTERED BELOW COLUMNS, U.N.O.
- "E.O.S." DENOTES EDGE OF SLAB.
- "F.S." DENOTES FOOTING STEP. REFER TO 10/S4.0.

- SLAB SHALL BE PITCHED 1/2" FOR 5'-0" x 5'-0" SQUARE AT ALL FLOOR DRAINS U.O.N. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
- PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- FLOOR SINK REFER TO PLUMBING DRAWINGS FOR LOCATION.
- 4" CONCRETE SLAB REINFORCED W/ 6x6-W2.9xW2.9 WWF. OVER 10 MIL VAPOR RETARDER MEMBRANE. OVER 6" AGGREGATE BASE OVER SUBGRADE. MODIFY SOIL AND BASE AS REQUIRED BY GEOTECHNICAL ENGINEER.
- 8" CMU WALL PERIMETER WALL. SEE DETAIL 15/S4.0 FOR TYPICAL WALL REINFORCING.
- 6" CMU STEM WALL W/ (1) #6 @ 24" O.C. CENTERED IN WALL. GROUT IN SOLID. SEE S4.0 FOR DETAILS.
- NOT USED.
- NOT USED.
- 8" CMU SHEAR WALL. PROVIDE (4) #6 VERTICAL BARS CONTINUOUS FROM FOUNDATION TO TOP OF WALL AT EACH END OF THE SHEAR WALL. (TWO VERTICAL BARS PER CELL, ONE ON EACH FACE). REFER TO DETAIL 15/S4.0 FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. GROUT CMU SHEARWALL SOLID UP TO DECK ATTACHMENT.
- PROVIDE SAWCUT CONTRACTION OR CONSTRUCTION JOINTS SPACED AT A MINIMUM OF 12'-0" O.C. IN BOTH DIRECTIONS WITH A MAXIMUM LENGTH TO WIDTH RATIO OF 2 U.N.O.

- UNDERGROUND UTILITY LINE. COORD. WITH CIVIL, MECH'L, ELECTRICAL & PLUMBING. NOT ALL LOCATIONS SHOWN ON PLAN. SEE DETAIL 14/S4.0 FOR ADDITIONAL INFORMATION.
- CONCRETE CURB CONT. ALONG SIDE OF EXTERIOR SIDE OF THE BUILDING. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.
- (2) #4x3'-0" LONG RE-ENTRANT BARS TO BE PROVIDED AT ALL SLAB RE-ENTRANT CORNERS.
- HSS6X6X3/8 COLUMN.
- SLAB ISOLATION JOINT AT CANOPY COLUMNS. TYPICAL.
- 4" EXTERIOR CONCRETE SLAB REINFORCED WITH 4x4-W2.9xW2.9 W.W.F. (CENTERED IN SLAB) OVER 4" COMPACTED GRANULAR FILL OVER COMPACTED SUBGRADE. REFER TO CIVIL PLAN FOR EXTENTS OF SLAB.

FOUNDATION SCHEDULE & NOTES

D

FOUNDATION PLAN NOTES

C

KEY NOTES

B

DATE	REMARKS
05.13.22	NTP

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: JRM
JOB NO.: 2021088.46

TACO BELL

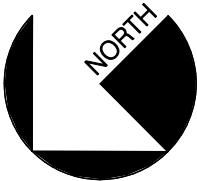
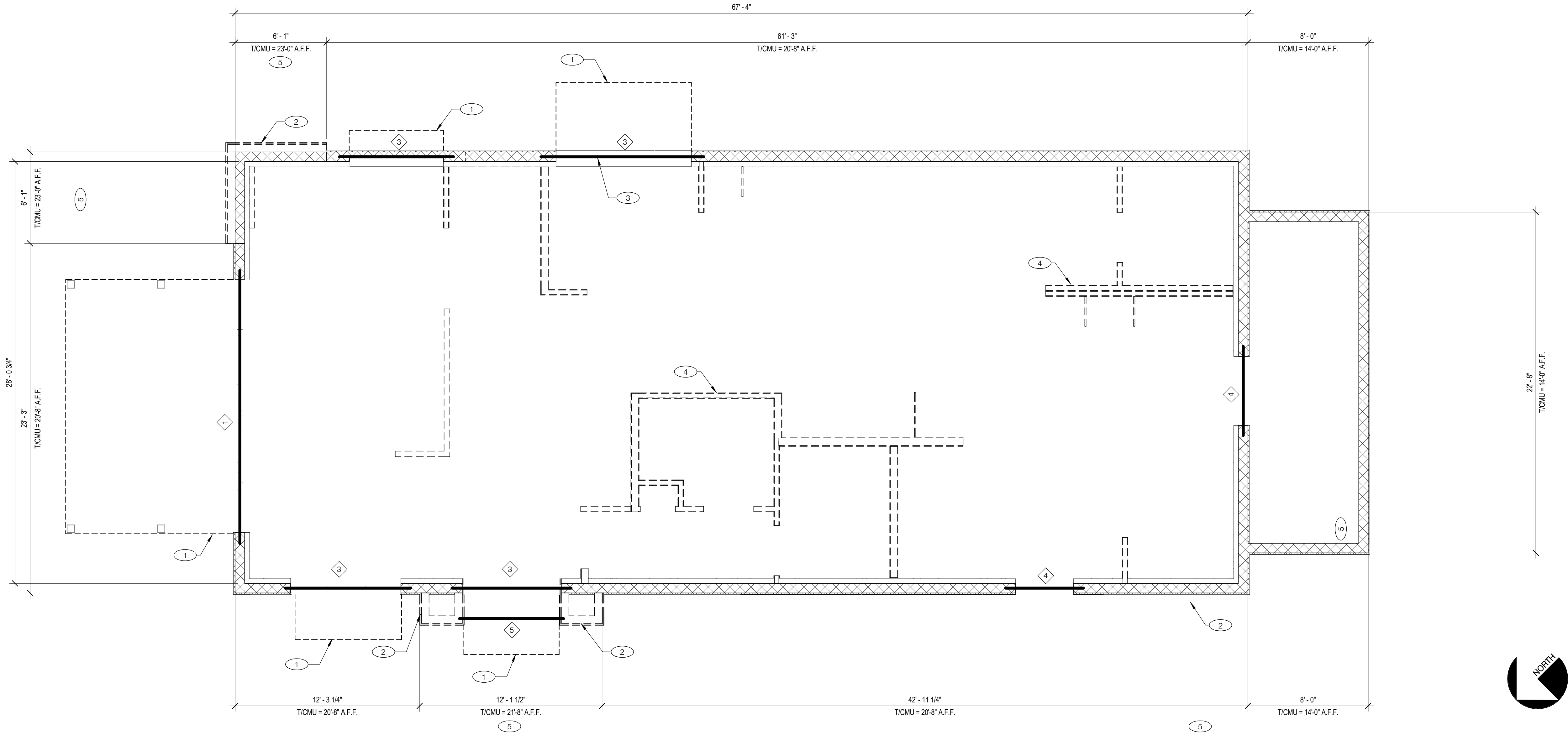
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**ENDEAVOR 2.0
FOUNDATION
PLAN**

S1.0

PLOT DATE: 5/19/2022 9:56:27 AM



DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
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BRAND DESIGNER: DICKSON
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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

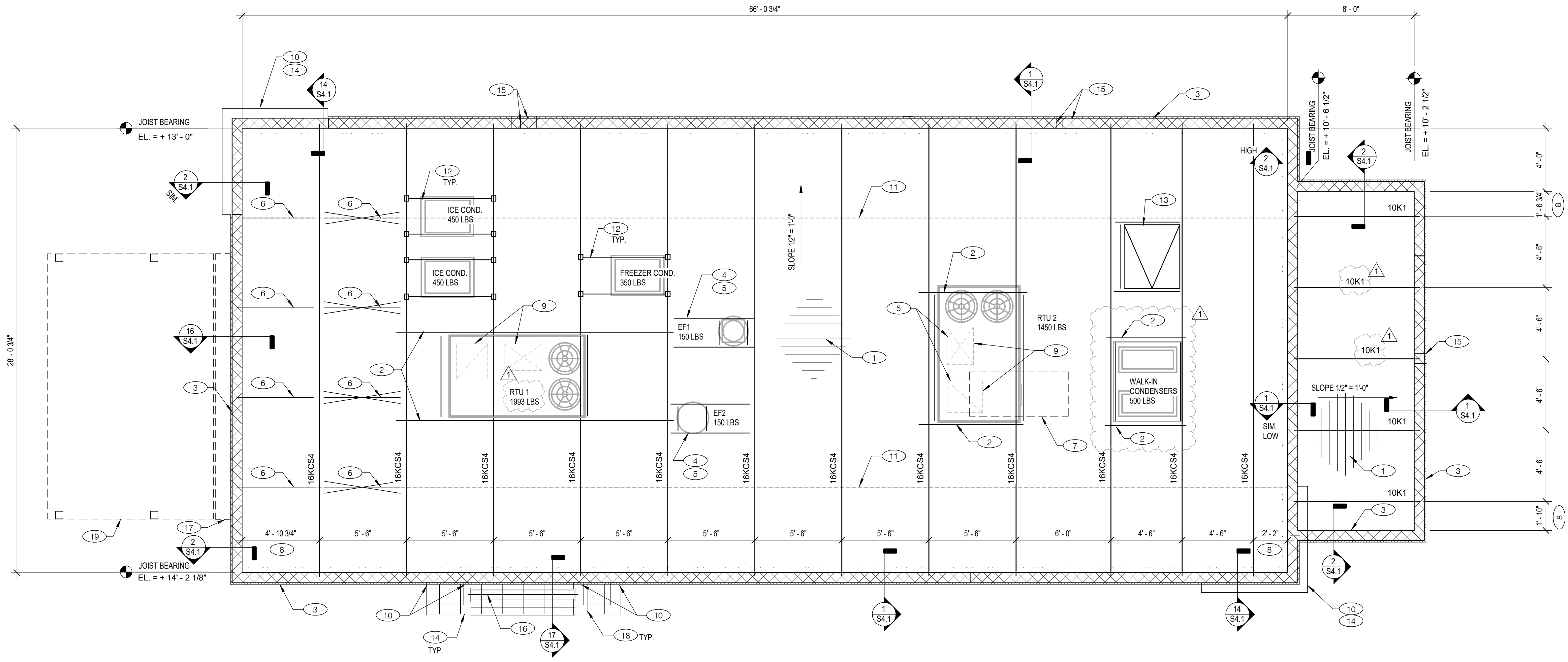


ENDEAVOR 2.0
WALL FRAMING
PLAN

S2.0

PLOT DATE: 5/19/2022 9:56:28 AM

LINTEL/EXTERIOR FRAMING PLAN 1/4" = 1'-0"		1
<div><div>1</div>W16x36 STEEL BEAM. B/STEEL = 9'-0" A.F.F. SEE DETAIL 15/S4.1</div> <div><div>2</div>NOT USED.</div> <div><div>3</div>8" WIDE x 28" DEEP CMU LINTEL WITH (2)-#6 BARS T&B. B/LINTEL = SEE ARCH.</div> <div><div>4</div>8" WIDE x 20" DEEP CMU LINTEL WITH (2)-#6 BARS T&B. B/LINTEL = 7'-0" A.F.F.</div> <div><div>5</div>LIGHT GAUGE HEADER, SEE 2/S4.2. B/HEADER = SEE ARCH.</div>	<div><div>1</div>CANOPY/AWNING/TRELLIS/VALANCE. SEE 5/S4.1 FOR ATTACHMENT TO CMU WALL.</div> <div><div>2</div>GALVANIZED LIGHT GAUGE FRAMING @ 16" O.C. ON MASONRY STEMWALL / PIER; SEE SHEET S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD. ATTACH STUDS TO FACE OF CMU WALL WITH 6"X 16GA GALVANIZED STRUTS @ 24" O.C. ATTACH STRUT TO MASONRY WALL WITH 3"x3"x0'-6" LONG 16GA GALVANIZED CLIP. ATTACH CLIP TO STUDS WITH (4) #10 SCREWS. ATTACH CLIP TO FACE OF CMU WITH (2) 1/4" DIA. S.S. TAPCON (1'-1/2" EMBED.) REFER TO ARCH'L. PLANS FOR ADDITIONAL INFORMATION.</div> <div><div>3</div>STUD SIZES: 600S162-43 STUDS ON 6" OR 8" CMU</div> <div><div>4</div>ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.</div> <div><div>5</div>INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE 6 & 7/S4.1 FOR CONNECTION TO STRUCTURE.</div> <div><div>6</div>(2)-#6@16" O.C. VERTICAL REINFORCING BARS FULL HEIGHT (WITH DOWELS TO MATCH INTO FOUNDATION) AT HIGH PARAPET WALLS. SEE 12/S4.0 FOR BAR SPACING IN CMU CELLS.</div>	<div><div>1</div>T.O. CMU WALL ELEVATION VARIES. SEE PLAN.</div> <div><div>2</div>SEE S0.1 FOR GENERAL STRUCTURAL NOTES.</div> <div><div>3</div>SEE DETAIL 15/S4.0 FOR TYPICAL CMU WALL REINFORCING.</div> <div><div>4</div>VERIFY ALL LINTEL ELEVATIONS WITH ARCH'L. PLANS.</div> <div><div>5</div>SEE DETAIL 13/S4.1 FOR TYPICAL STEEL LINTEL DETAIL.</div>



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

GENERAL ROOF FRAMING NOTES:

- SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND S0.2 & S0.3 FOR SPECIAL INSPECTIONS.
- BASE REFERENCE ELEVATION IS FROM FINISH FLOOR ELEVATION = (0'-0"). ALL ELEVATIONS ARE REFERENCED FROM BASE ELEVATION AND ARE SHOWN AS (+/-x'-x").
- FOR DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.
- COORDINATE ALL ROOFTOP EQUIPMENT SIZES, LOCATIONS AND WEIGHTS WITH THE MECHANICAL CONTRACTOR. NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR DEVIATIONS FROM WHAT IS SHOWN.

- (1) 1.5" x 20 GA. (TYPE B") ROOF DECK. DECKING SHALL BE FASTENED TO STEEL JOISTS USING 5/8" DIAMETER PUDDLE WELDS @ 36" PATTERN. PANEL SIDE LAPS SHALL BE FASTENED TOGETHER USING A MIN. OF (6) #10 TEK SCREWS
- (2) MC6x15.1 LAID FLAT BENEATH THE RTU CURB WITH FLANGES TURNED DOWN BETWEEN DECK FLUTES. EXTEND EA. END 6" PAST BEARING. PROVIDE C6x8.2 FRAMED BETWEEN MC6 BELOW RTU CURBS PER DETAIL 9/S4.1
- (3) 8" CMU WALL. REFER SHEET S2.0 FOR TOP OF WALL ELEVATIONS.
- (4) EXHAUST FAN, SEE ARCHITECTURAL AND MECHANICAL DWGS. COORDINATE EDGE SUPPORTS WITH EXHAUST AND SUPPLY DUCT.
- (5) ROOF OPENING FRAME. SEE 4/S4.1. TYP ALL ROOF OPENINGS.
- (6) INSTALL ADDITIONAL JOIST BRIDGING PER 3/S4.1 & 16/S4.1.
- (7) LOC. OF EXHAUST HOOD. SEE MECHANICAL DWGS. SEE DETAIL 8/S4.1 FOR TYP. HANGER SUPPORT DETAIL.
- (8) DIMENSION IS FROM INSIDE FACE OF CMU WALL.
- (9) HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
- (10) FASTEN LAST STUD (STUD TO BE GALV.) TO FACE OF CMU WALL w/ (1)-1/4" DIA.x 1-3/4" S.S. TAPCON SCREWS @ 12" O.C. BETWEEN LAST STUD AND CMU WALL.
- (11) STEEL ANGLE BRIDGING PER S/JI REQUIREMENTS. SEE 3/S4.1 FOR TYP. BRIDGING DETAILS.
- (12) MECHANICAL RACK. SEE 12/S4.1 FOR DETAILS. FIELD VERIFY EQUIPMENT SIZE, JOIST LOCATION, AND JOIST SPACING PRIOR TO ORDERING MATERIAL AND FABRICATION. REFER TO DETAIL 10/S4.1 IF RACK POSTS ARE NOT LOCATED AT ROOF JOIST PANEL POINT.

- (13) ROOF HATCH. SEE 4/S4.1 FOR TYPICAL ROOF OPENING DETAIL.
- (14) 6"x 16 GAUGE LT. GAUGE METAL STUD WALL WITH 1/2" PLYWOOD SHEATHING WITH #10 SCREWS AT 4" O.C. PERIMETER SCREWING WITH 12" FIELD SCREWING.
- (15) PROVIDE PENETRATION THRU WALL AT DECK FOR DRAINAGE. REFER TO ARCH'L PLANS FOR ADDITIONAL INFORMATION.
- (16) LIGHT GAUGE HEADER DESIGNED BY THE SUPPLIER ACROSS OPENING.
- (17) CANOPY- SEE ARCH. DWGS.
- (18) LIGHT GAUGE ROOF FRAMING. SEE 17/S4.1.
- (19) OUTLINE OF CANOPY FRAMING. SEE CANOPY FRAMING PLAN ON SHEET S4.2 FOR CANOPY ROOF FRAMING.

ROOF FRAMING NOTES **C**

KEY NOTES **B**

DATE	REMARKS
05.11.22	Building Comments
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: JRM
JOB NO.: 2021088.46

TACO BELL

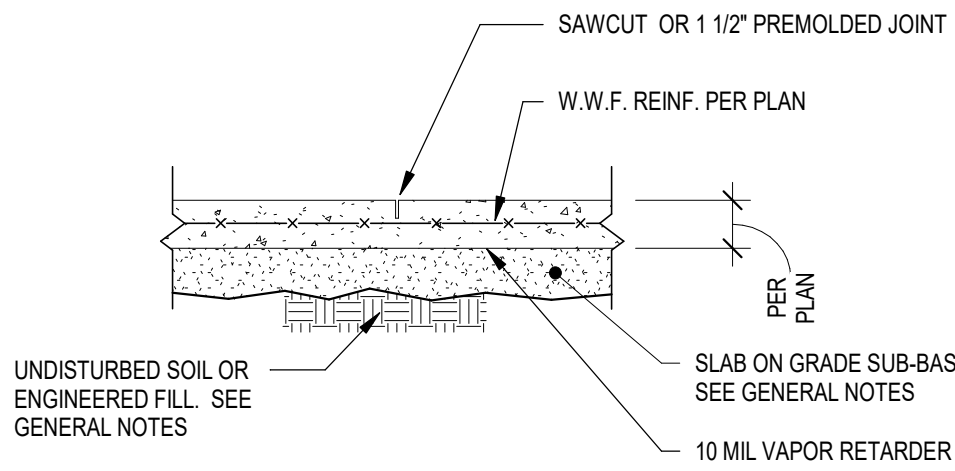
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**ENDEAVOR 2.0
ROOF FRAMING
PLAN**

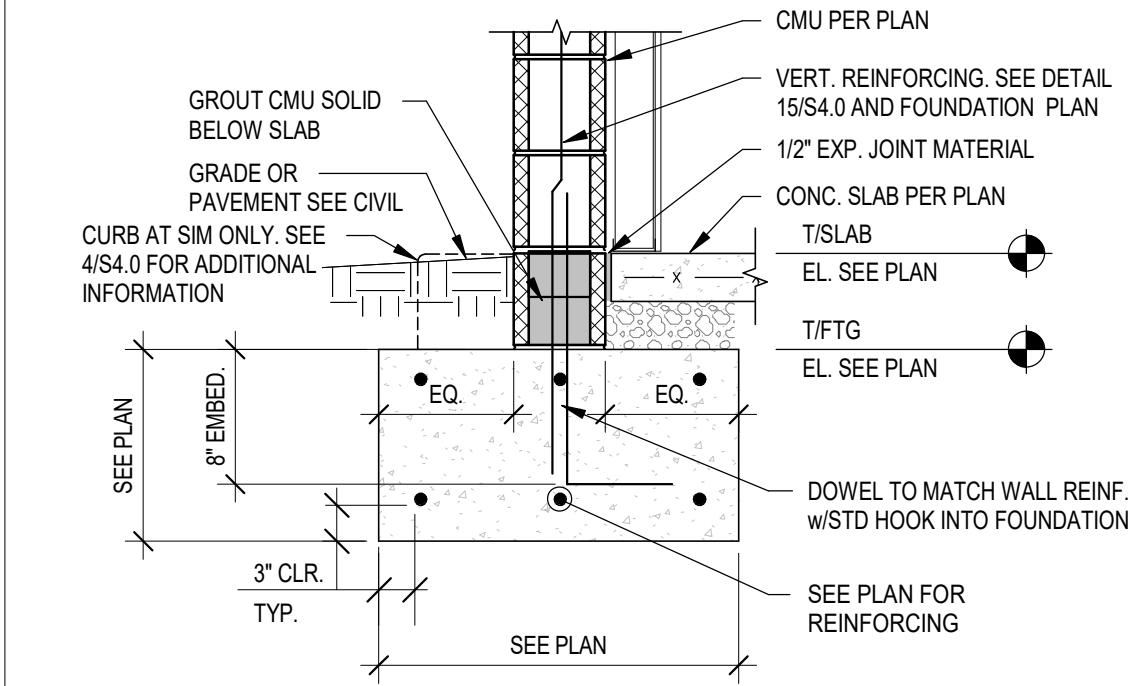
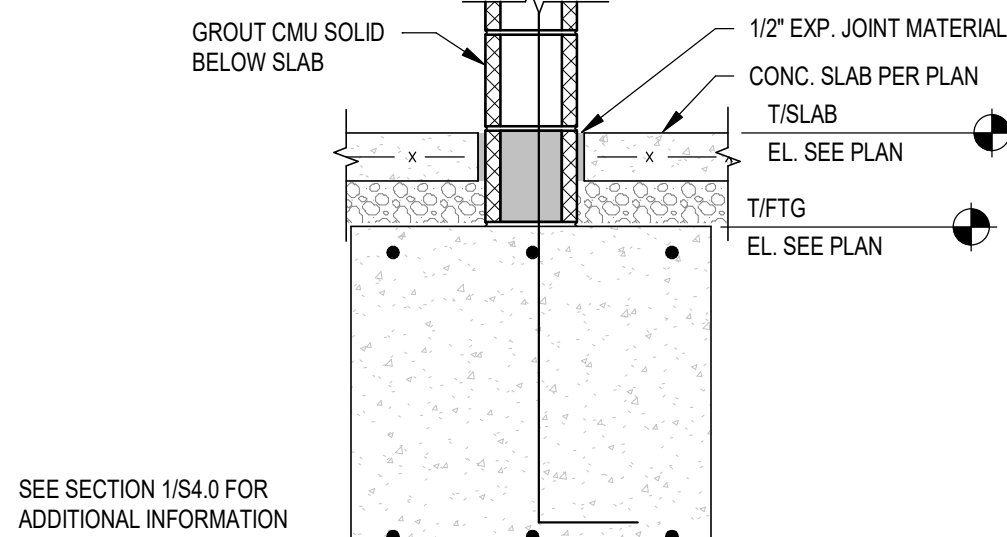
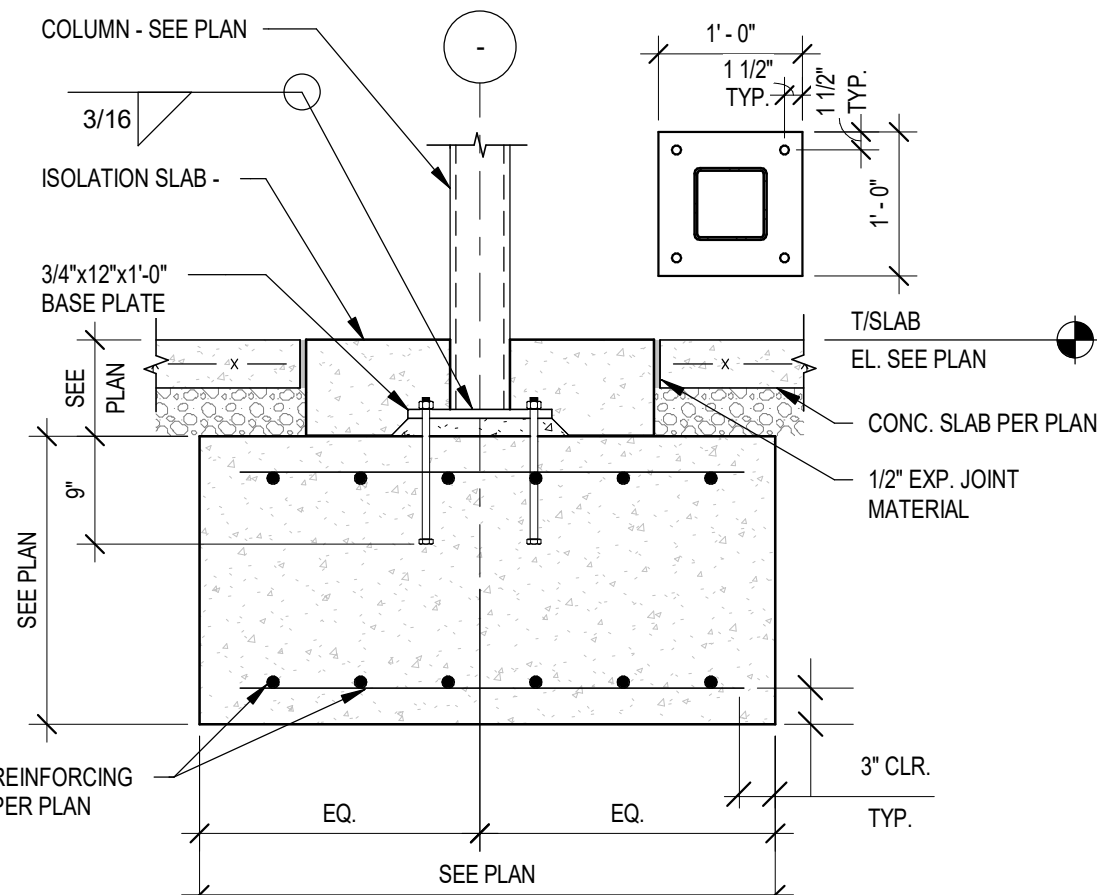
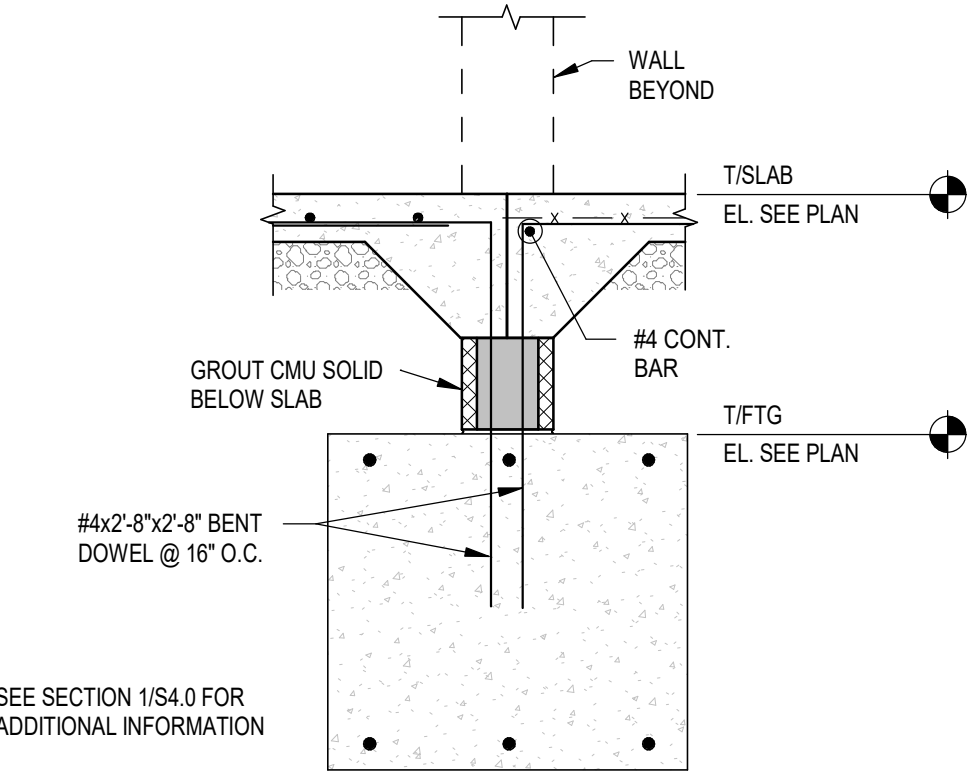
S3.0

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CONTROL JOINT

- NOTES:
1) FOR CONSTRUCTION OR CONTROL JOINT LOCATIONS, REFERENCE FOUNDATION/SLAB PLAN.
2) USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
3) PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF 225 SQ. FT. MAX.



TYP. SLAB ON GRADE JOINT DETAIL 3/4" = 1'-0"

16

FOOTING AT DOOR OPENING 3/4" = 1'-0"

13

FOOTING @ COLUMN 3/4" = 1'-0"

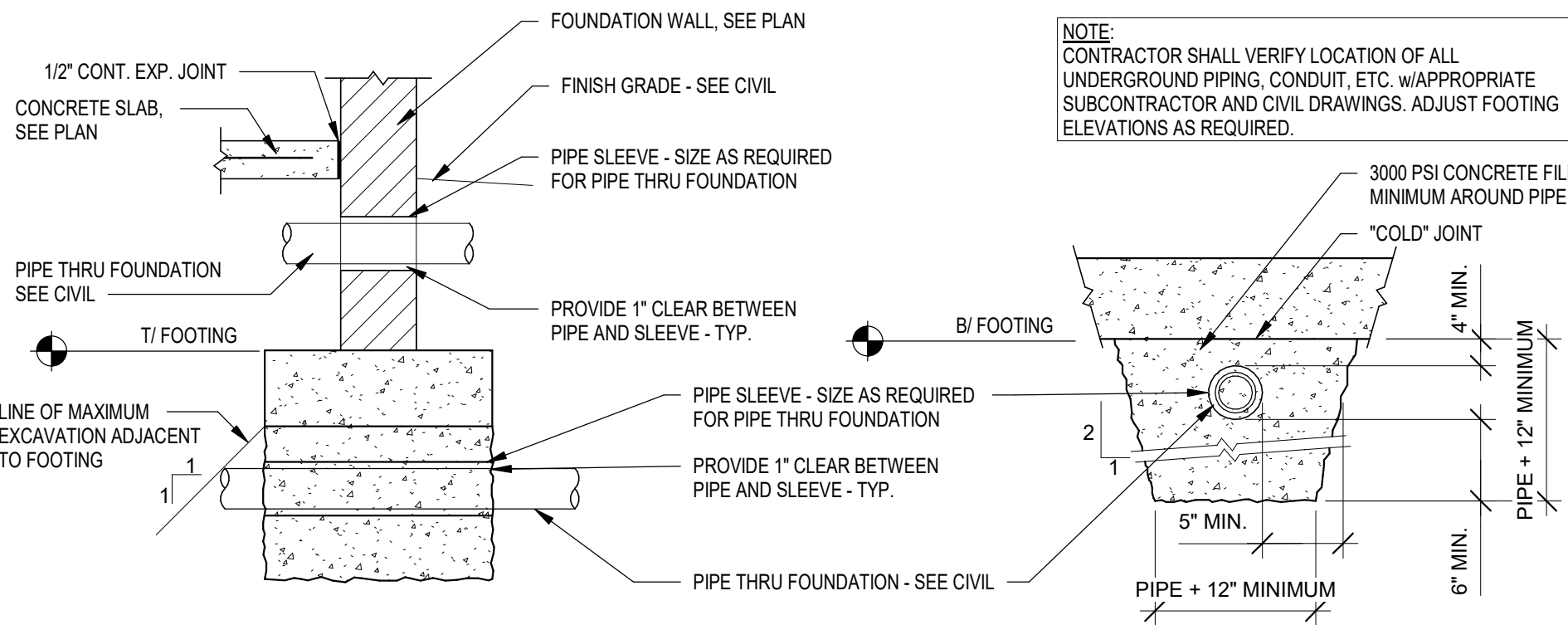
9

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

5

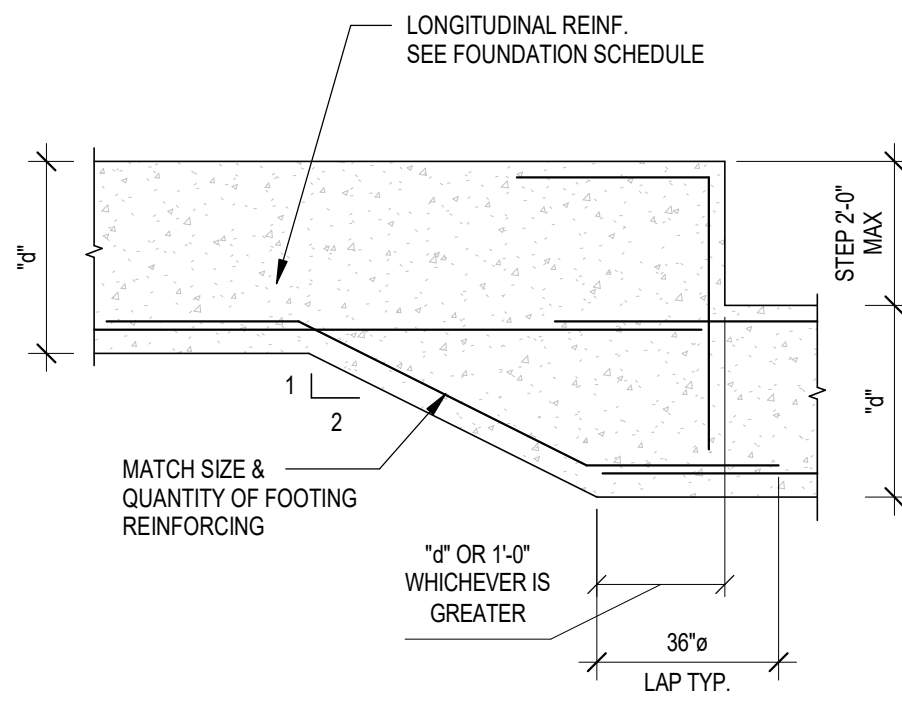
FOOTING @ SIDE & REAR WALLS 3/4" = 1'-0"

1



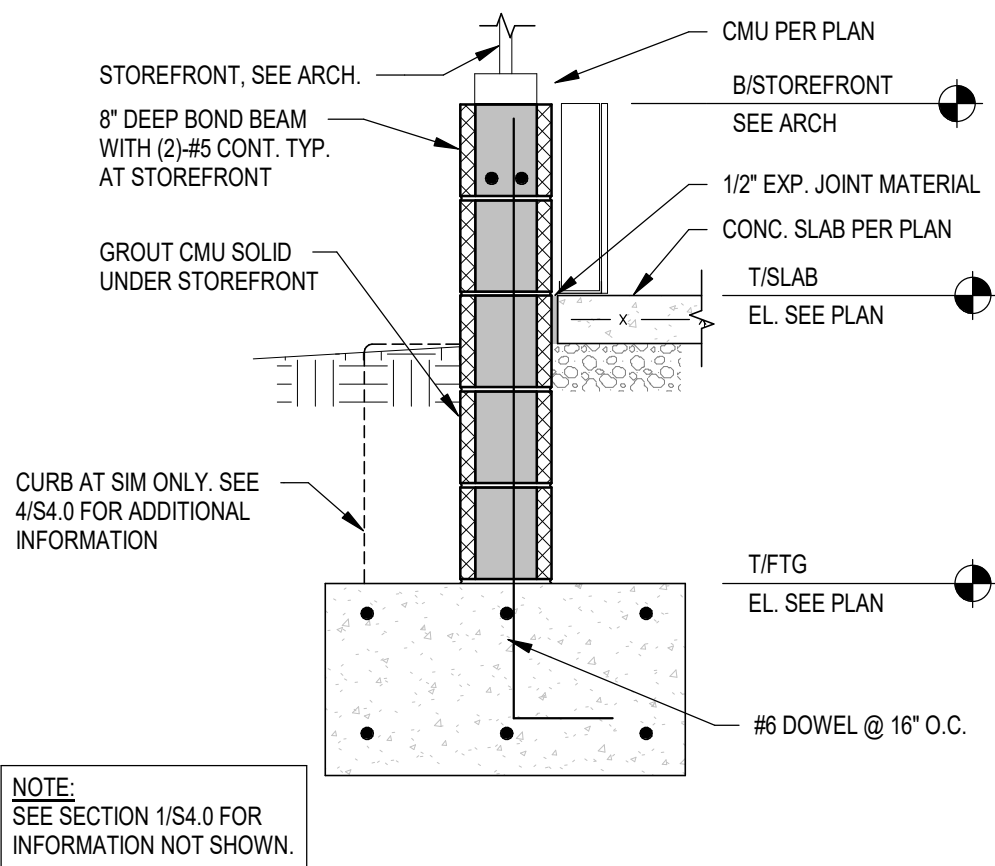
TYPICAL PIPE AT FOUNDATION / WALL DETAIL 1/2" = 1'-0"

14



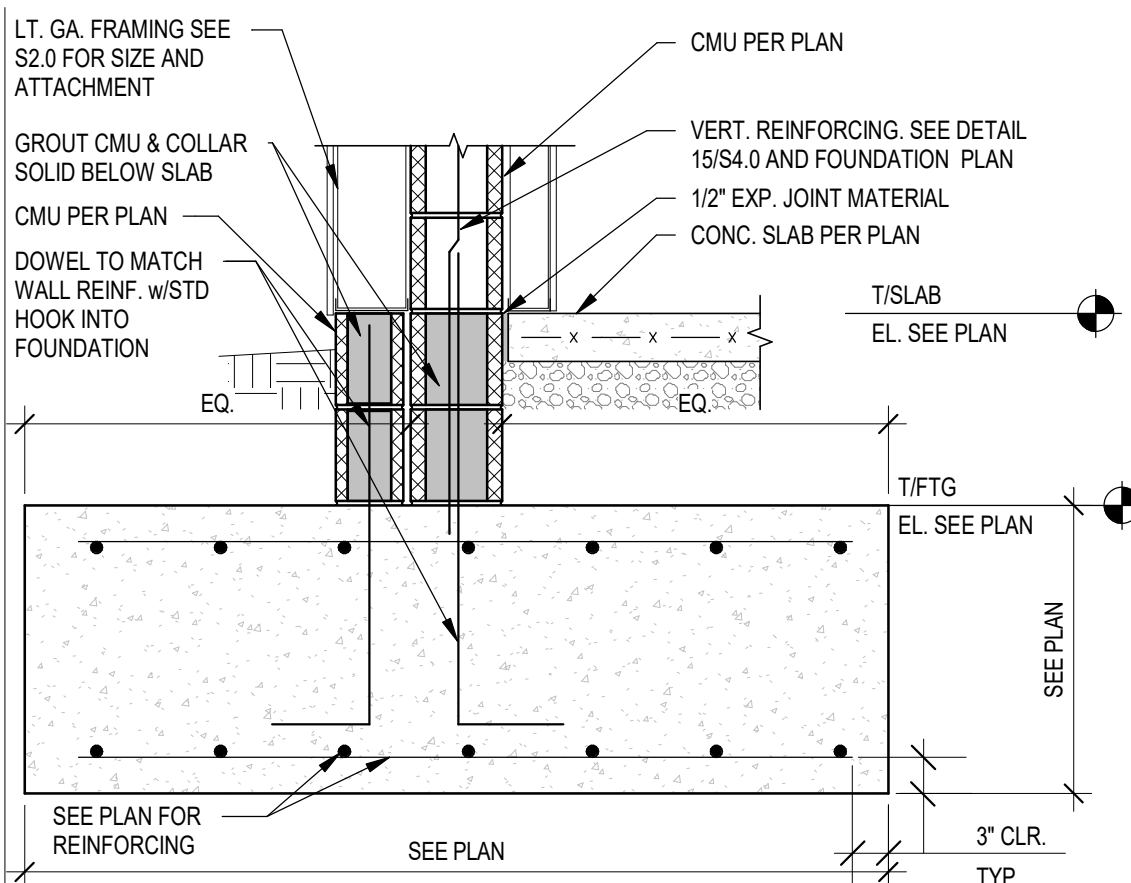
TYP. FOOTING STEP DETAIL 1/2" = 1'-0"

10



FOOTING @ STOREFRONT 3/4" = 1'-0"

6



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

2

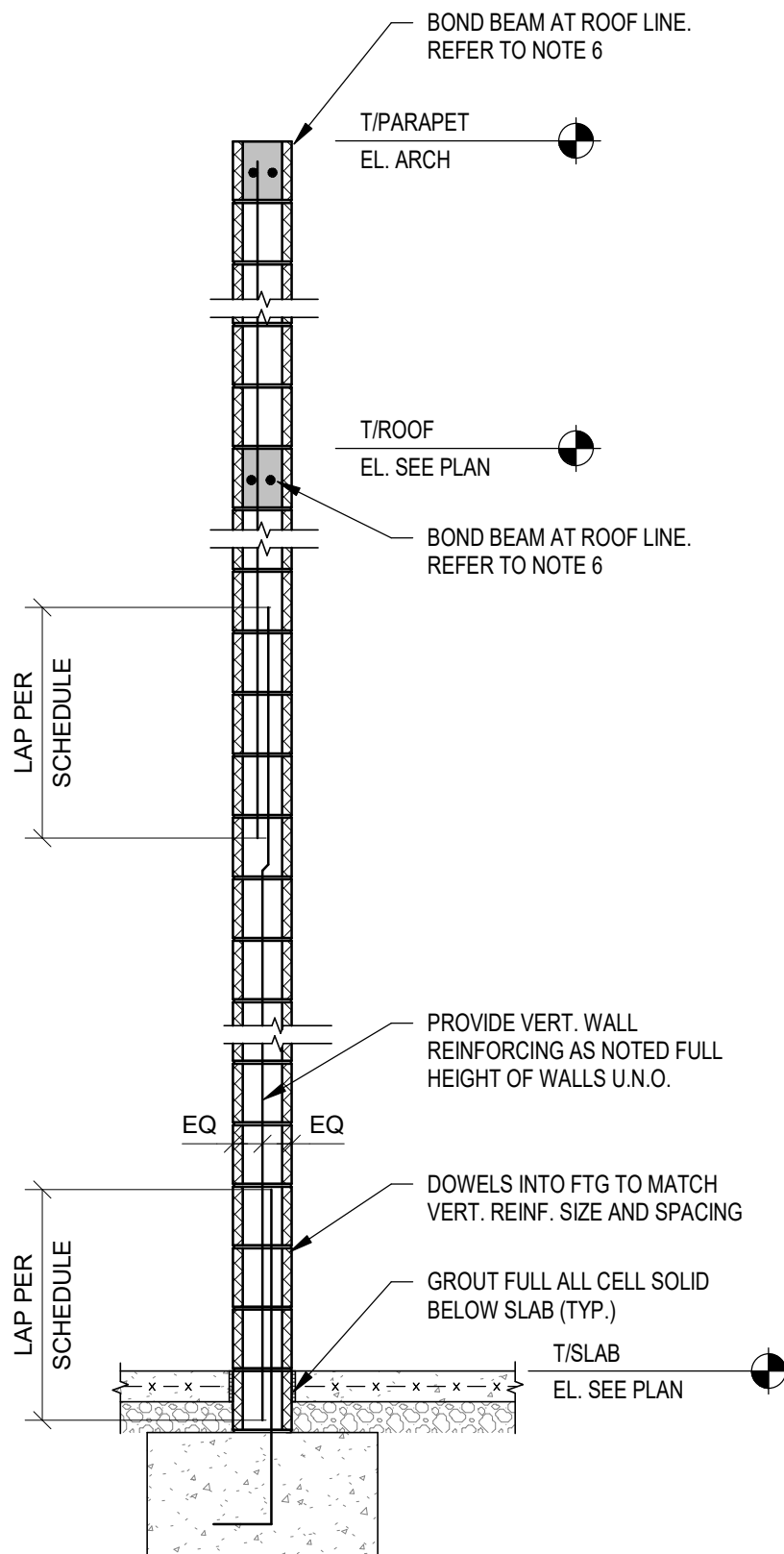
MASONRY WALL REINFORCING, TYP.

- ALL MASONRY WALLS ARE USED AS ORDINARY REINFORCED MASONRY SHEAR WALLS AND SHALL BE DETAILED AS SUCH.
- REINFORCING SHOWN IS THE MINIMUM REQUIRED. SEE PLANS, DETAILS, AND NOTES FOR ADDITIONAL WALL REINFORCING REQUIRED.

8" CMU - ALL PERIMETER WALLS VERT. REINFORCING:
(1)-#6 VERT. @ 24" O.C. U.N.O. SEE PLANS, DETAILS, AND NOTES FOR ADDITIONAL REINFORCING REQUIRED.

8" CMU - INTERIOR WALLS VERT. REINFORCING:
(1)-#6 VERT. @ 48" O.C. U.N.O. SEE PLANS, DETAILS, AND NOTES FOR ADDITIONAL REINFORCING REQUIRED.
- REINFORCING SHALL BE CENTERED IN CMU WALL U.N.O. WHERE MULTIPLE ROWS OF REINFORCING IS REQUIRED, PROVIDE 2-1/2" COVER DISTANCE FROM EACH FACE OF CMU. PROVIDE (2)-VERTICAL BARS AT ALL CORNERS, INTERSECTIONS AND EACH SIDE OF ALL MASONRY OPENINGS & CONTROL JOINTS. (REINFORCING SIZE TO MATCH ADJACENT REINFORCING). SEE DETAIL 7/54.0. PROVIDE DOWEL INTO FOOTING OF SAME SIZE, SPACING AND LOCATION AS VERTICAL REINFORCING. OMIT DOWELS AT DOORS.
- WHERE ROOF SLOPES, STEP BOND BEAM REINFORCING TO FOLLOW ROOF LINE. PROVIDE CORNER BARS IN ALL BOND BEAMS AT ALL CORNERS AND INTERSECTIONS. LAP SPICE BOND BEAM REINFORCING PER SCHEDULE ABOVE. REFER TO DETAIL 7/54.0 FOR TYPICAL WALL REINFORCING AT WALL CORNER & INTERSECTIONS.
- WALLS SHALL BE GROUTED AT ALL CELLS CONTAINING HORIZONTAL AND VERTICAL REINFORCING. ALL BOND BEAMS, ALL CELLS BELOW FINISHED FLOOR OR GRADE. ALL CELLS AT PARAPET ABOVE ROOF LINE. ALL CELLS TO RECEIVE ANCHOR BOLTS OR EMBEDDED PLATES, AND ALL OTHER LOCATIONS NOTED ON THE DRAWINGS TO BE GROUTED SOLID.
- BOND BEAM REINFORCING AT ROOF LINE AS NOTED BELOW SHALL BE CONTINUOUS THROUGH CONTROL JOINTS. SEE DETAIL 11/54.0 FOR BOND BEAM

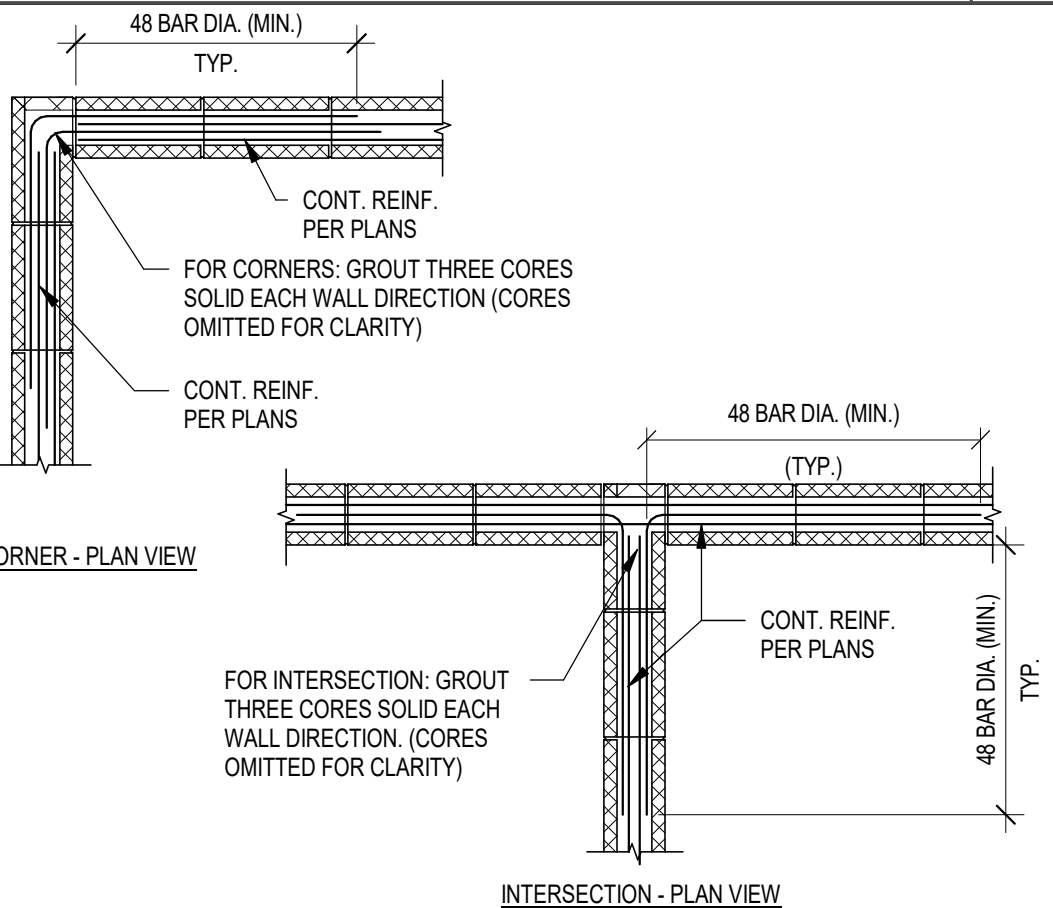
BOND BEAM LOCATION AND REINFORCING SHALL BE AS FOLLOWS:
A. (2)-#6 IN 8" DEEP BOND BEAM AT ROOF LINE.
B. (2)-#6 IN 8" DEEP BOND BEAM AT TOP OF WALL.
C. ADDITIONAL BOND BEAMS AS SHOWN IN WALL DETAILS AND AS NOTED IN NOTE 4.
- PROVIDE VERTICAL CONTROL JOINTS IN WALL PER PLANS. SEE DETAIL 8/54.0 FOR WALL CONTROL JOINT DETAIL.



8" CMU LAP SCHEDULE		
	(1)-CURTAIN REINF. CENTERED	(2)-CURTAINS OF REINF.
#4	21"	34"
#5	26"	53"
#6	40"	99"

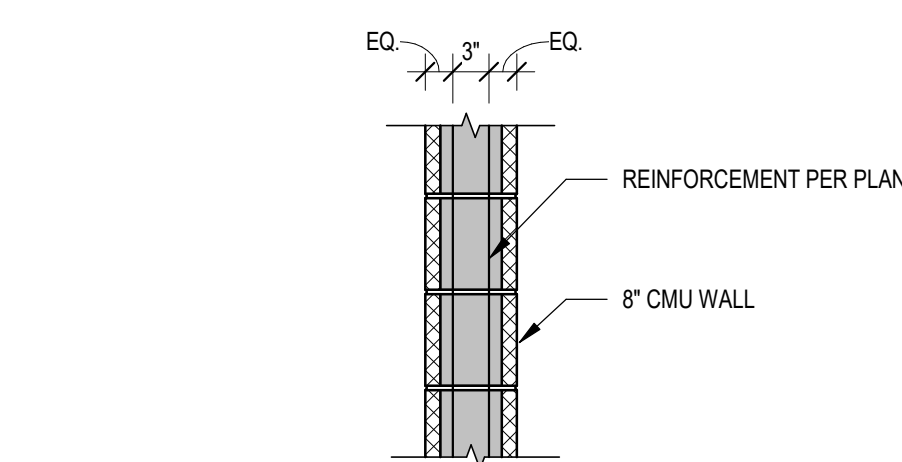
TYP. MASONRY WALL REINFORCING SECTION & NOTES 1/2" = 1'-0"

15



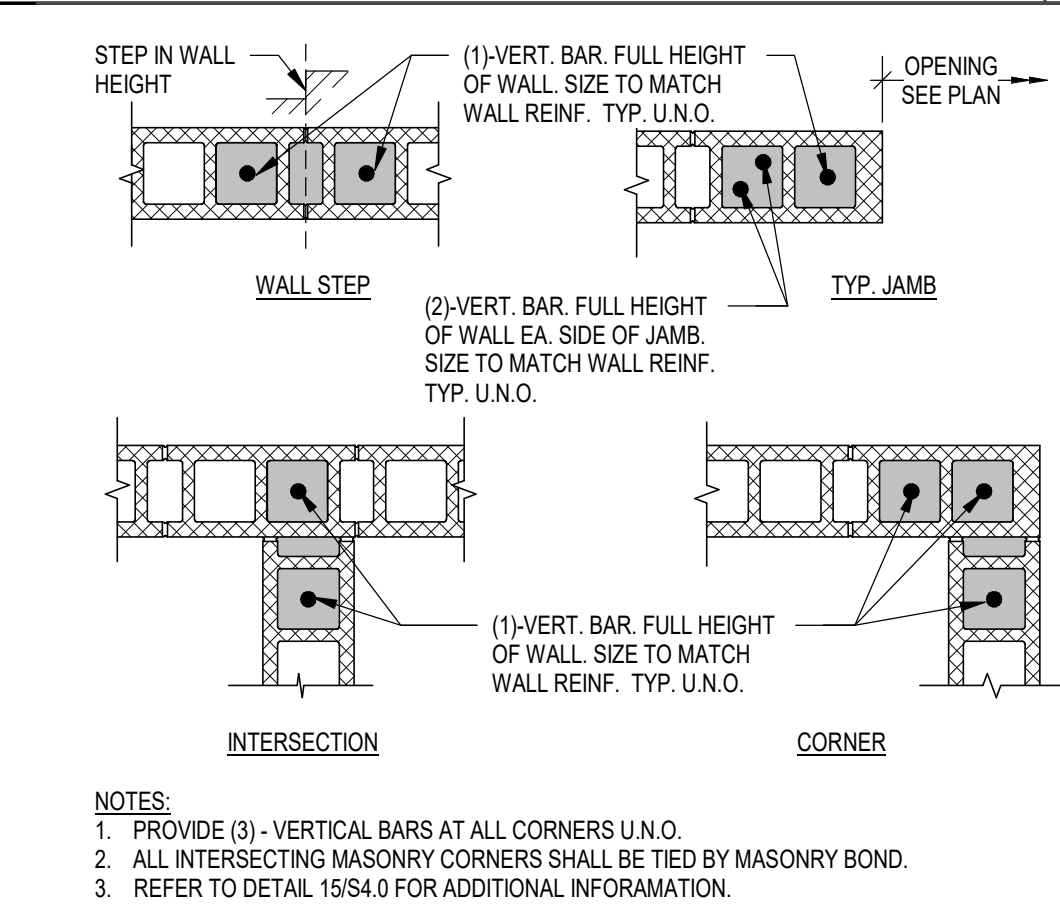
CMU BOND BEAM DETAILS 1/2" = 1'-0"

11



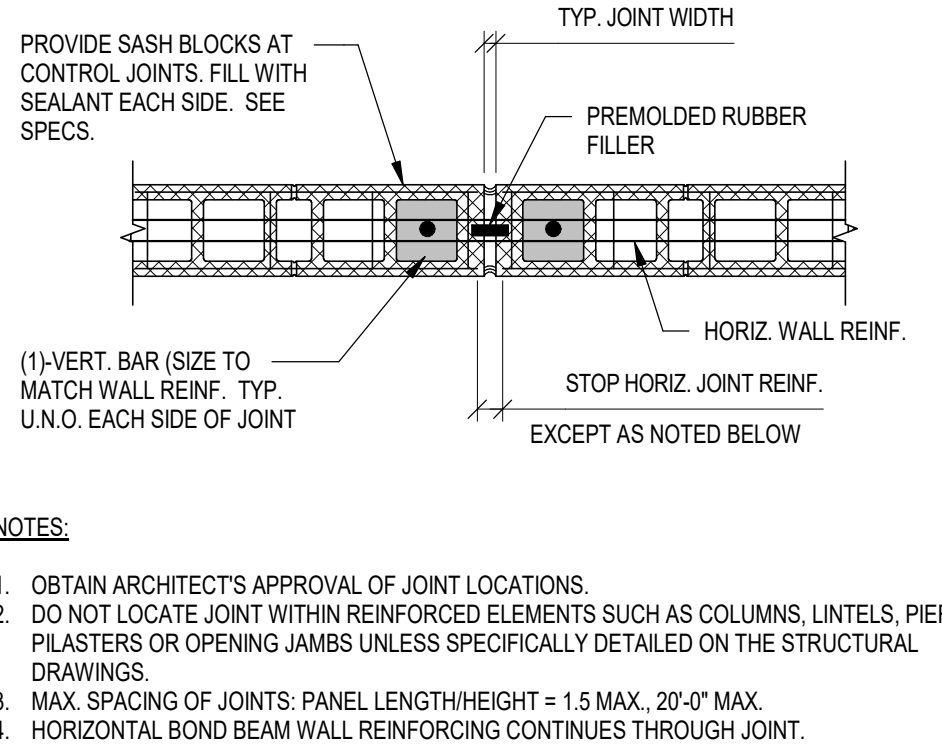
TYP. REINF. AT TOWER WALLS 3/4" = 1'-0"

12



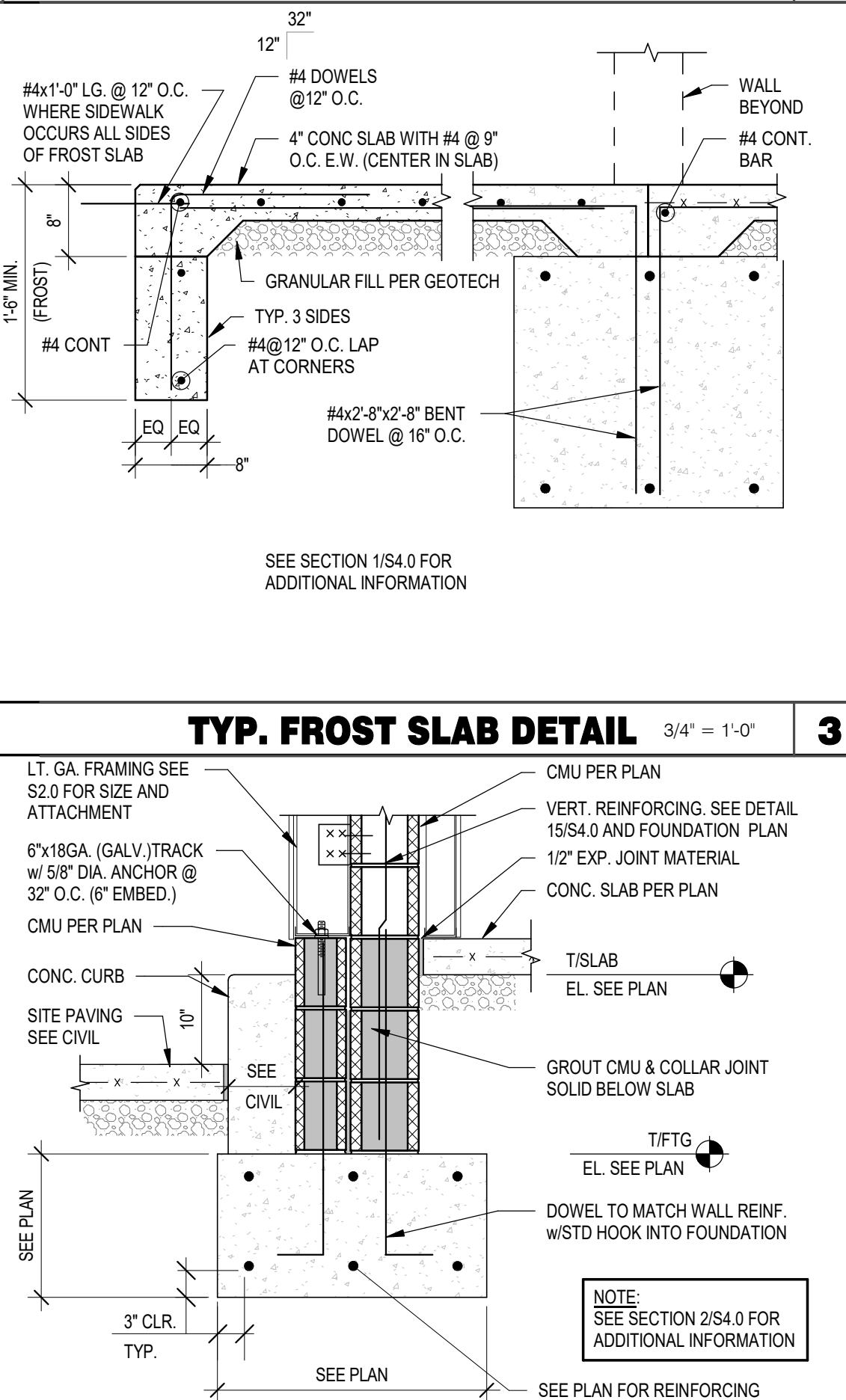
TYP. MASONRY REINF. DETAILS 3/4" = 1'-0"

7



TYP. MASONRY CONTROL JOINT 3/4" = 1'-0"

8



TYP. FROST SLAB DETAIL 3/4" = 1'-0"

3

DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: JRM
JOB NO.: 2021088.46

TACO BELL

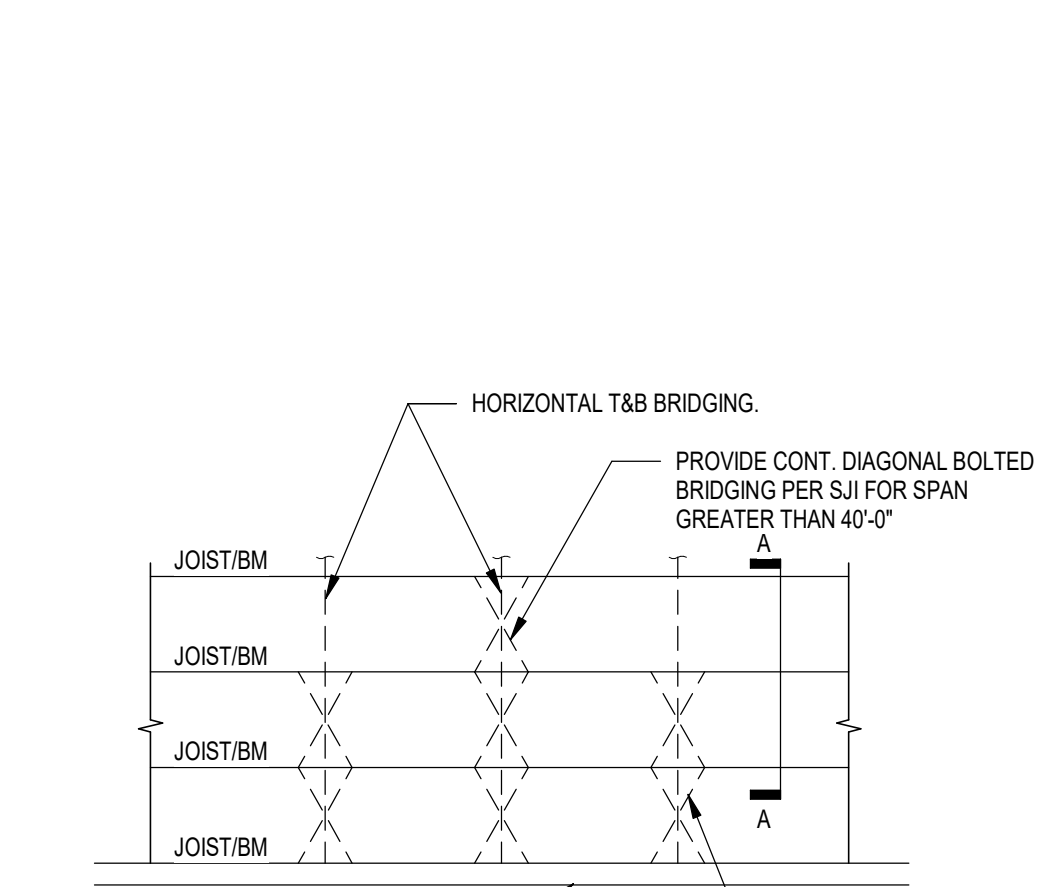
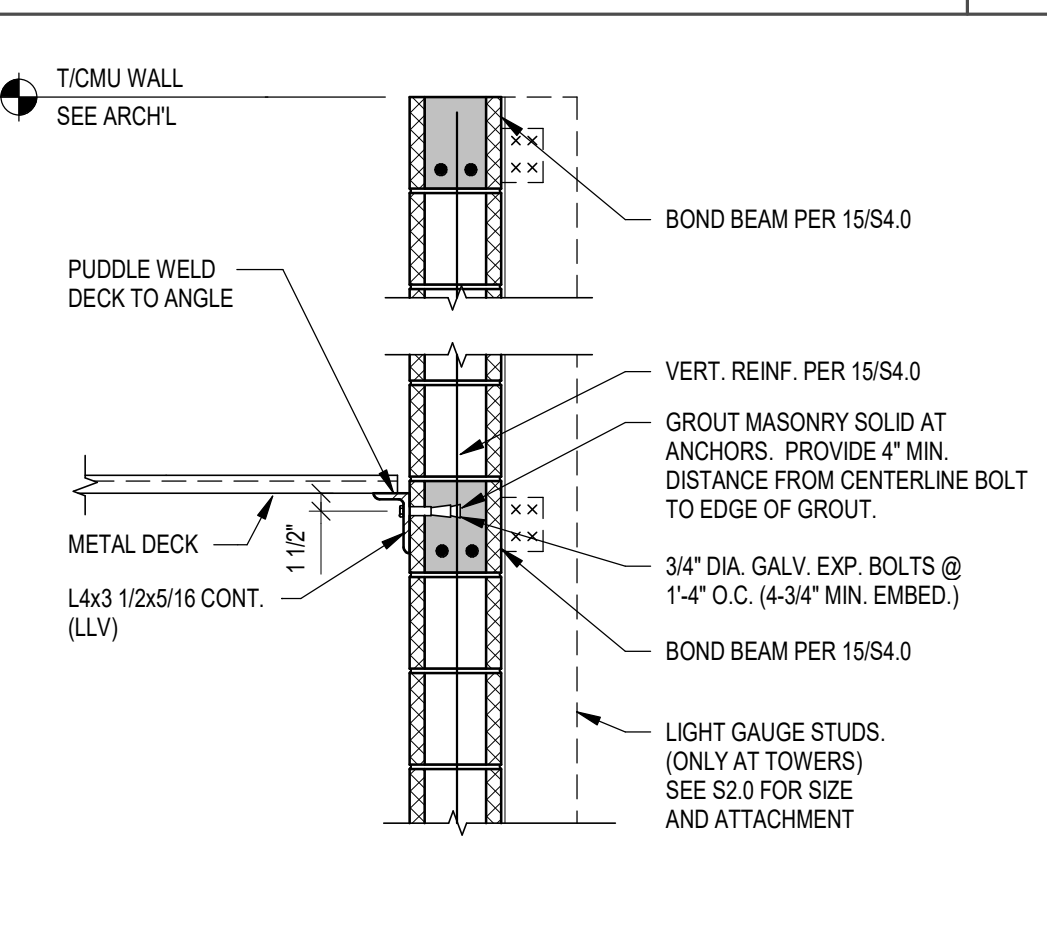
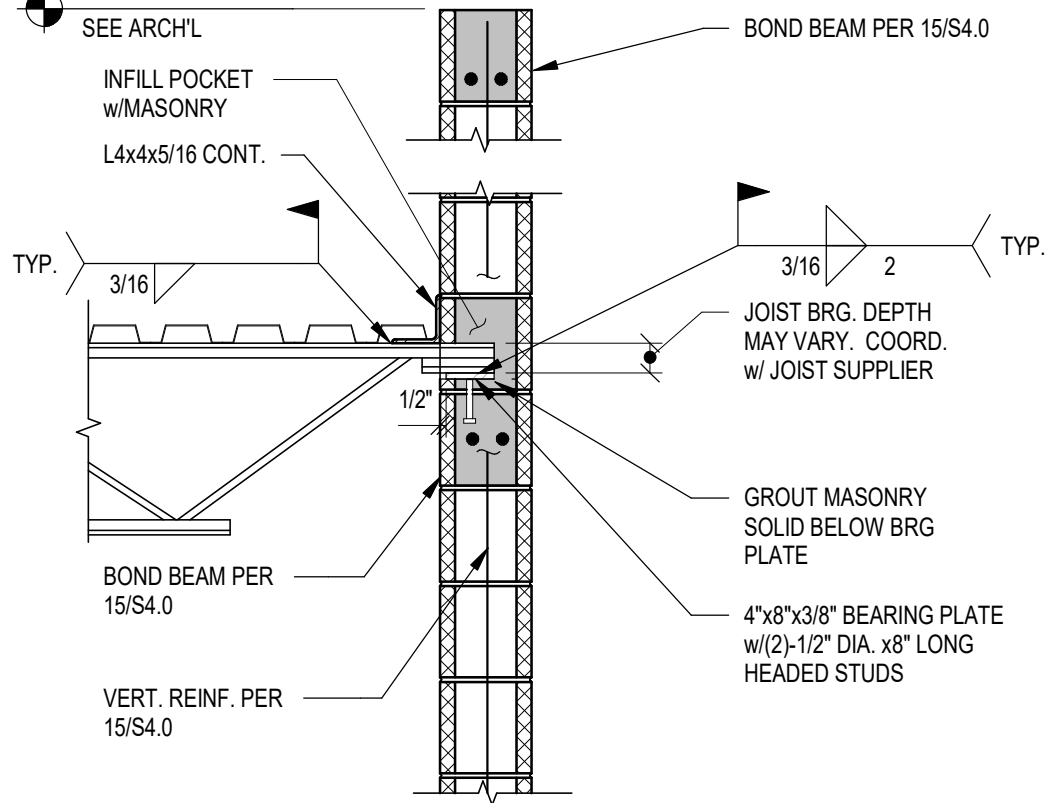
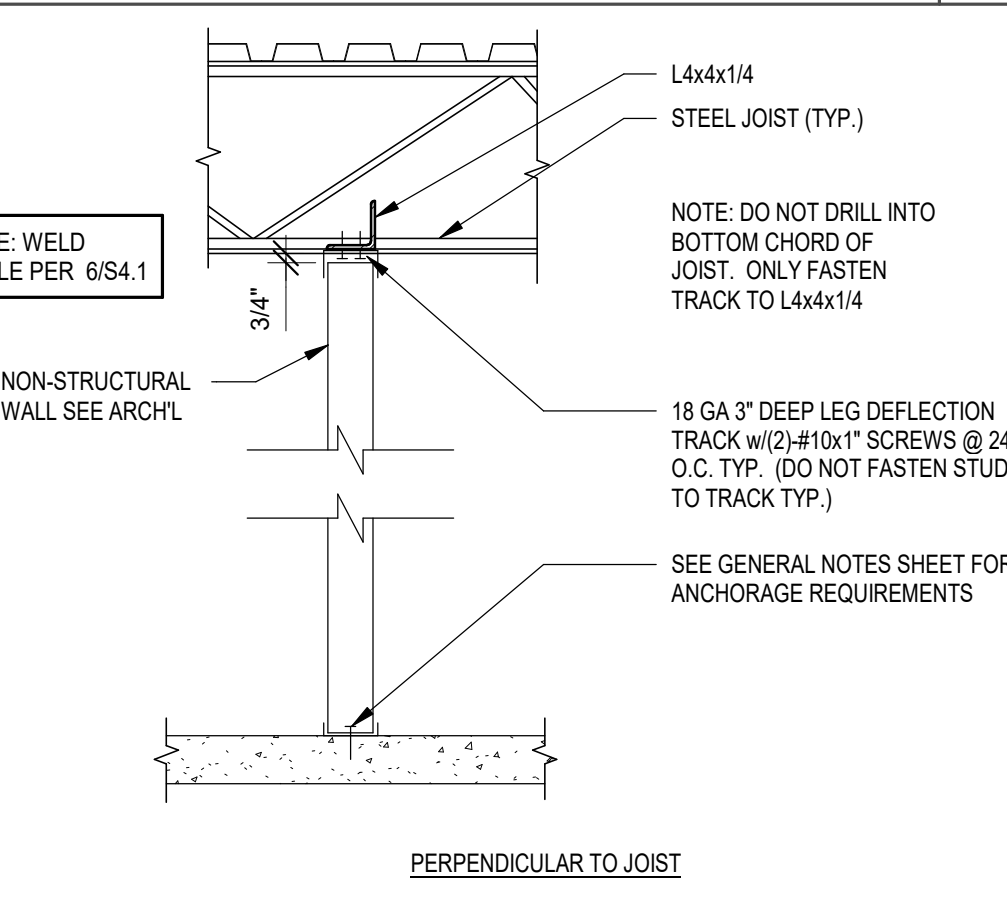
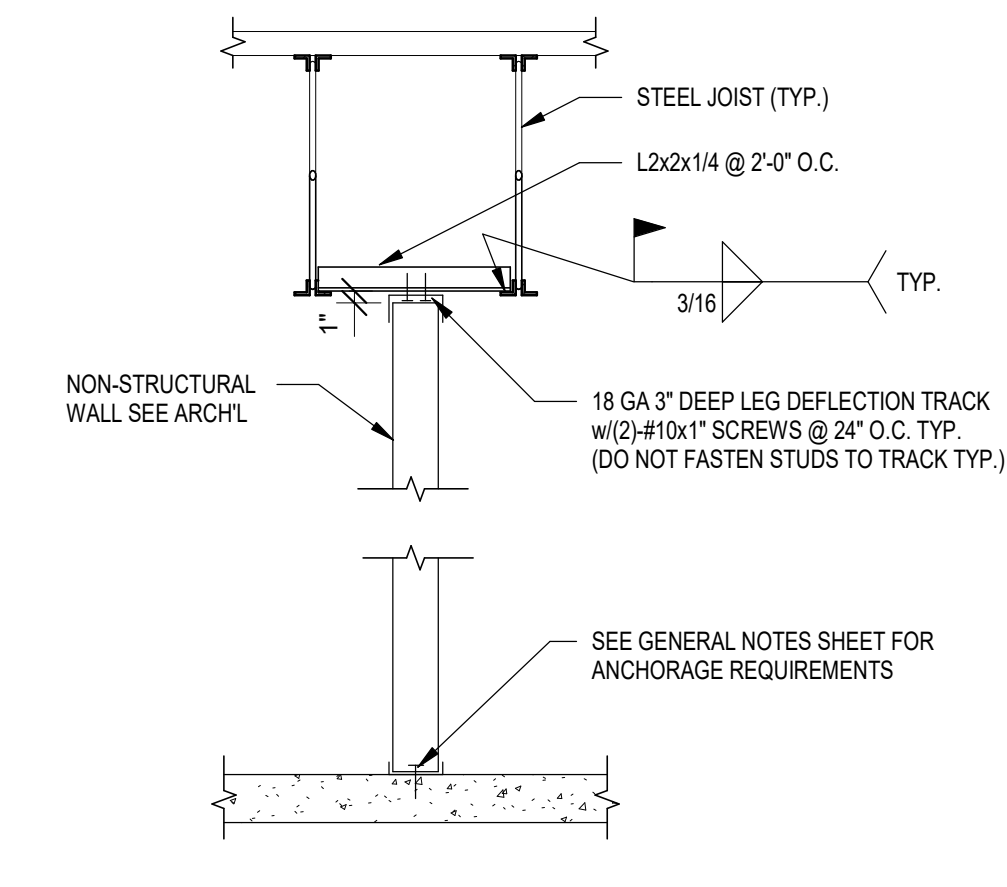
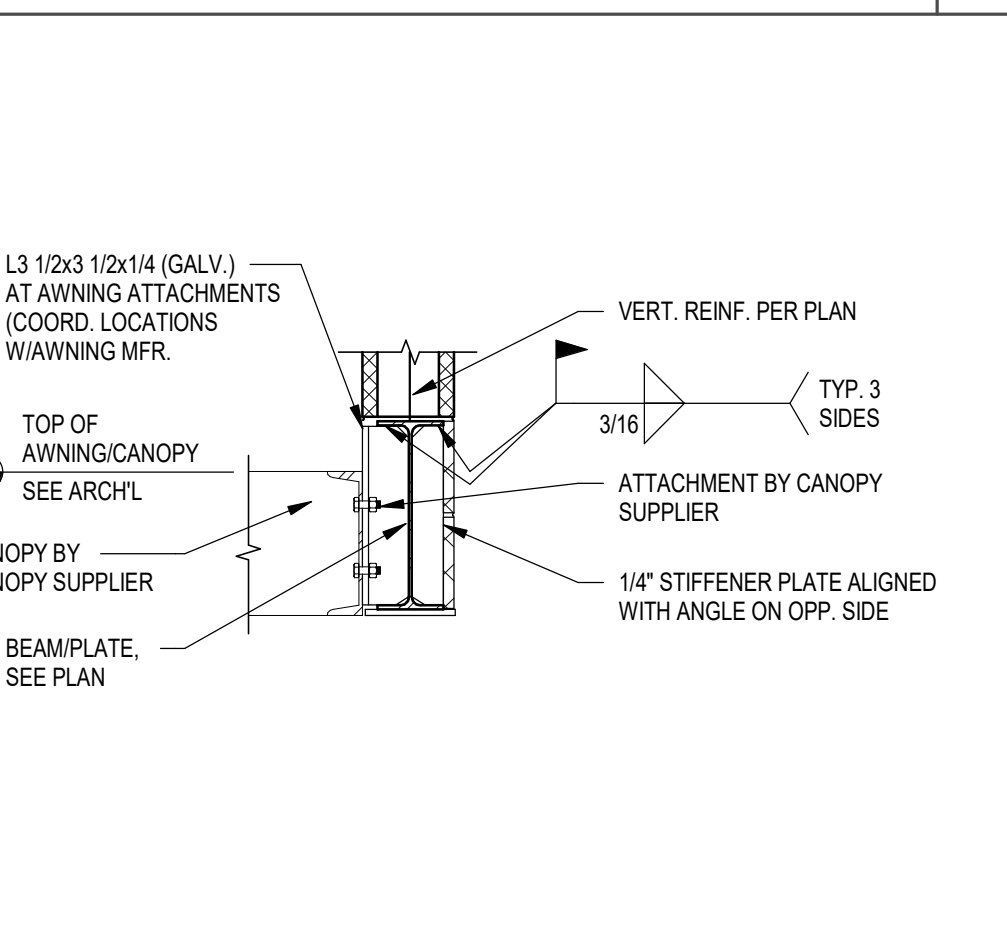
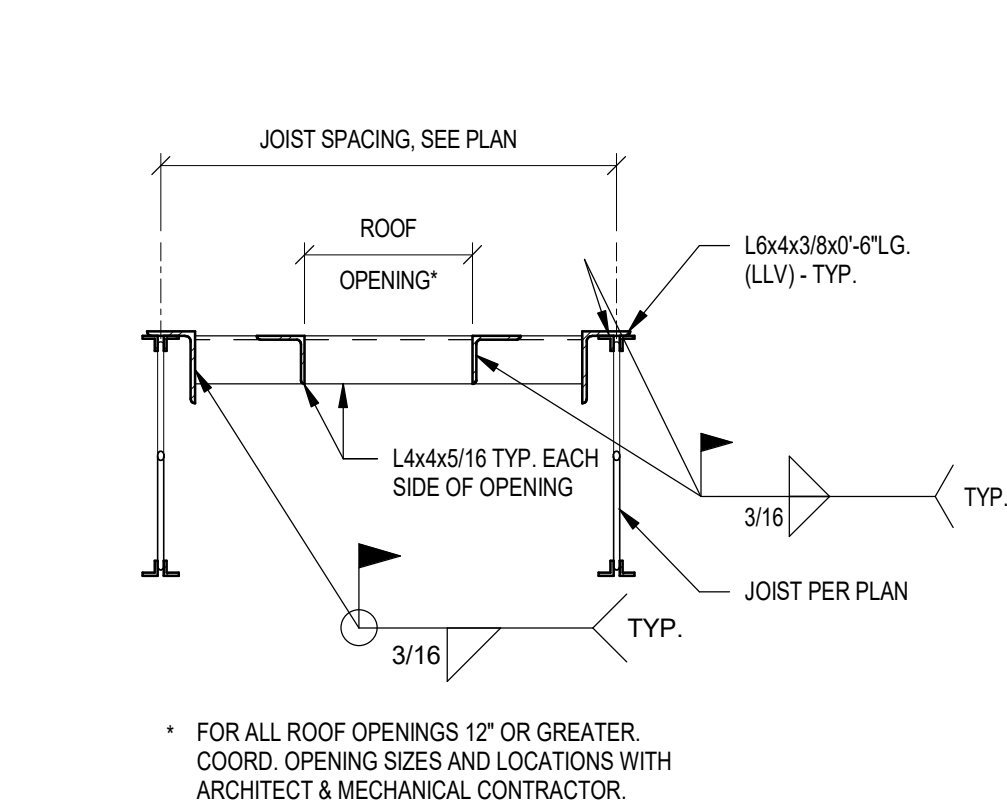
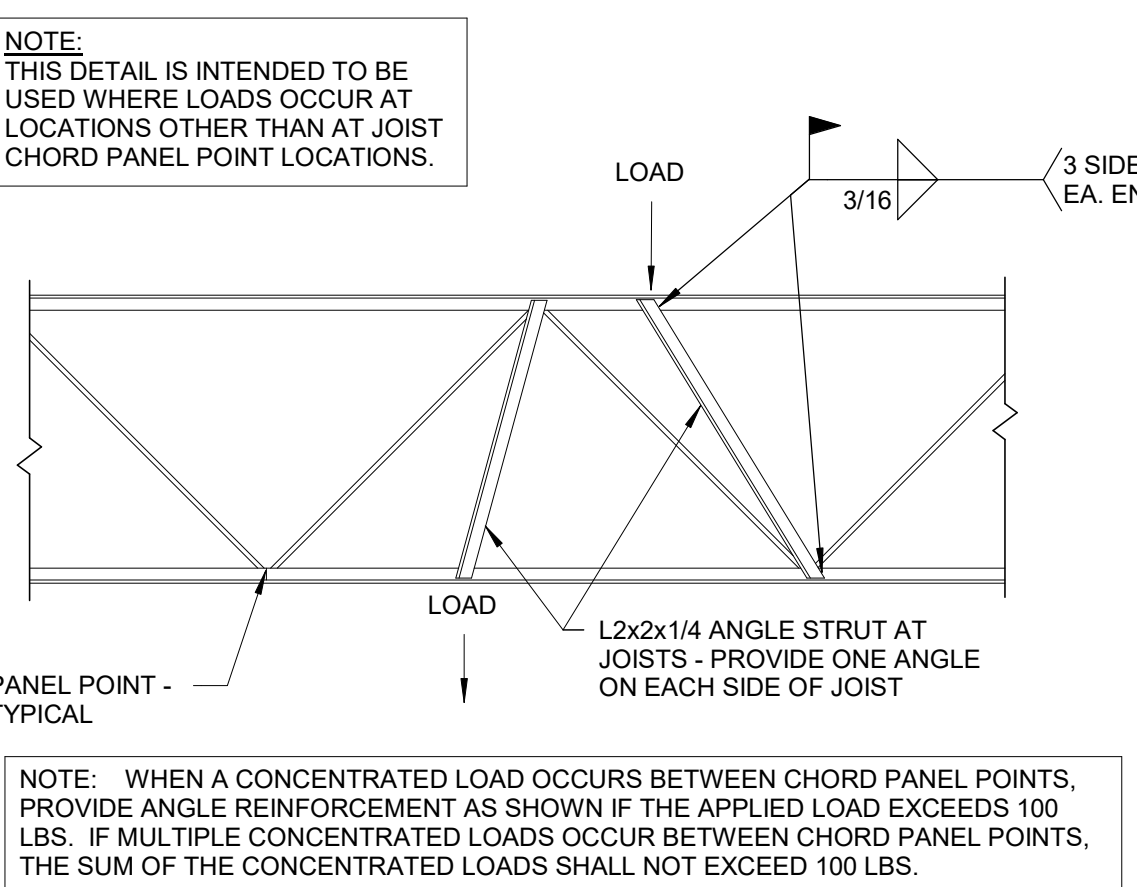
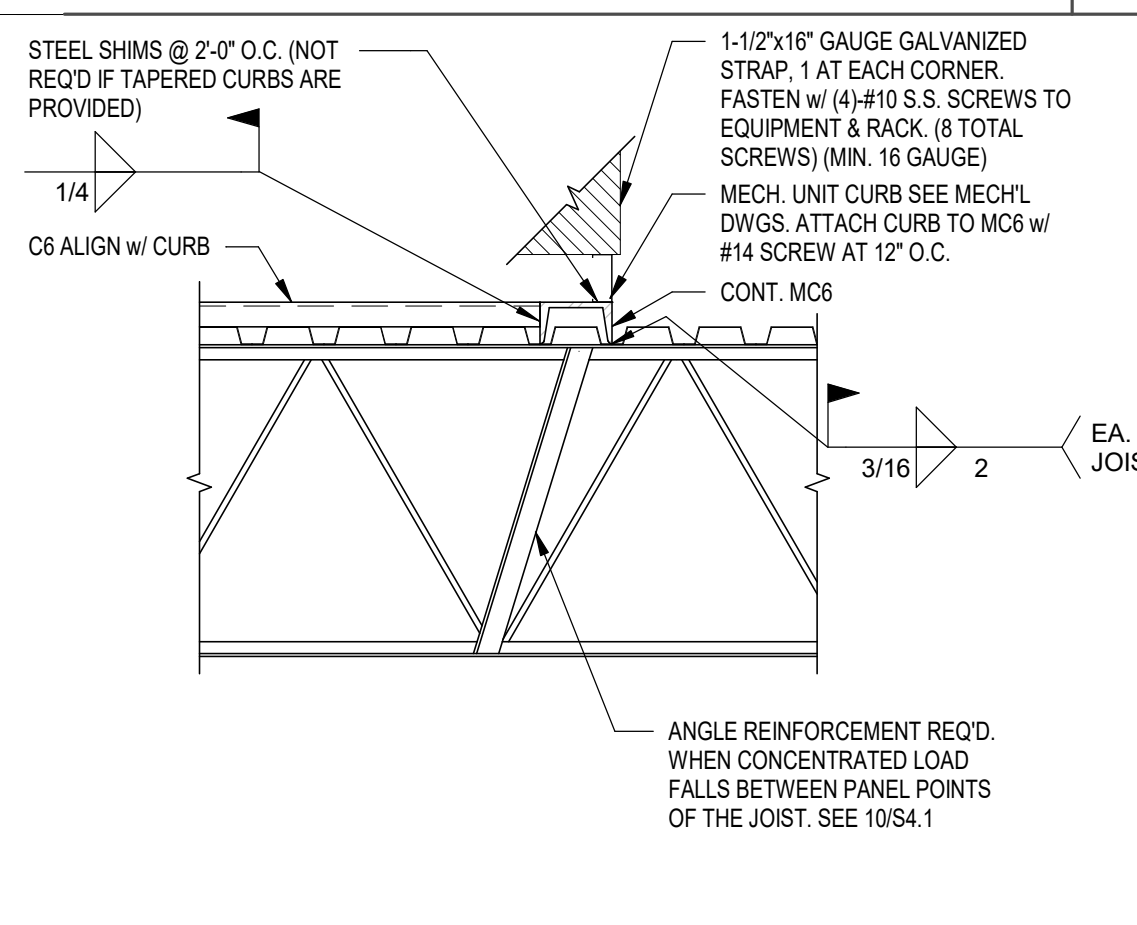
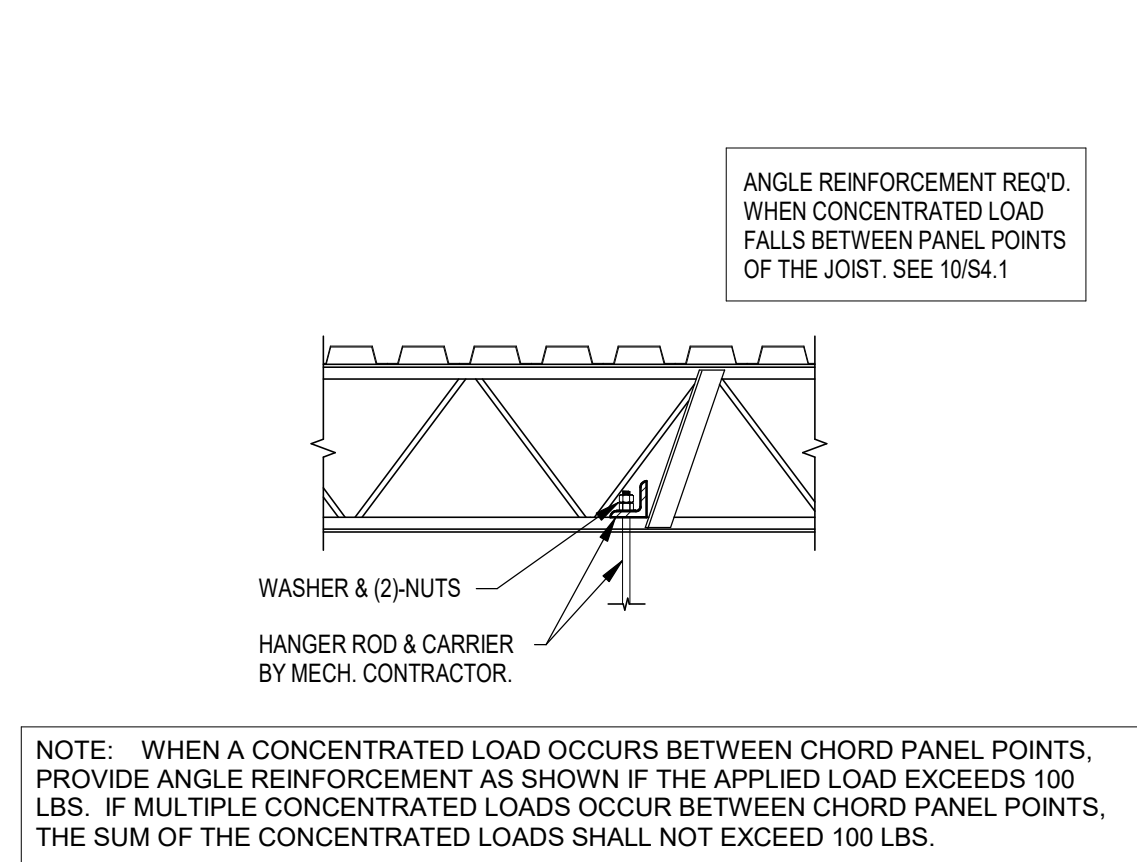
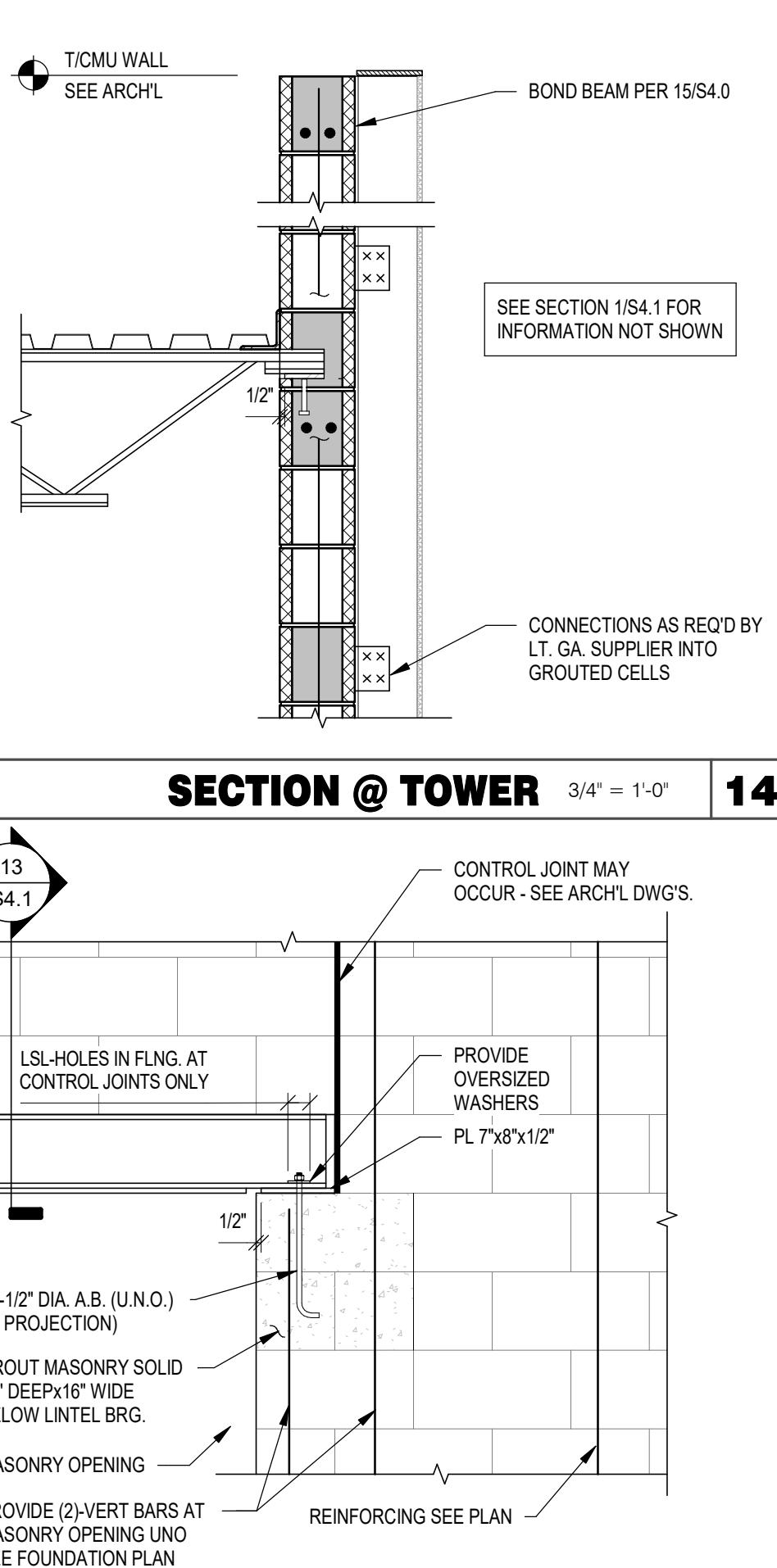
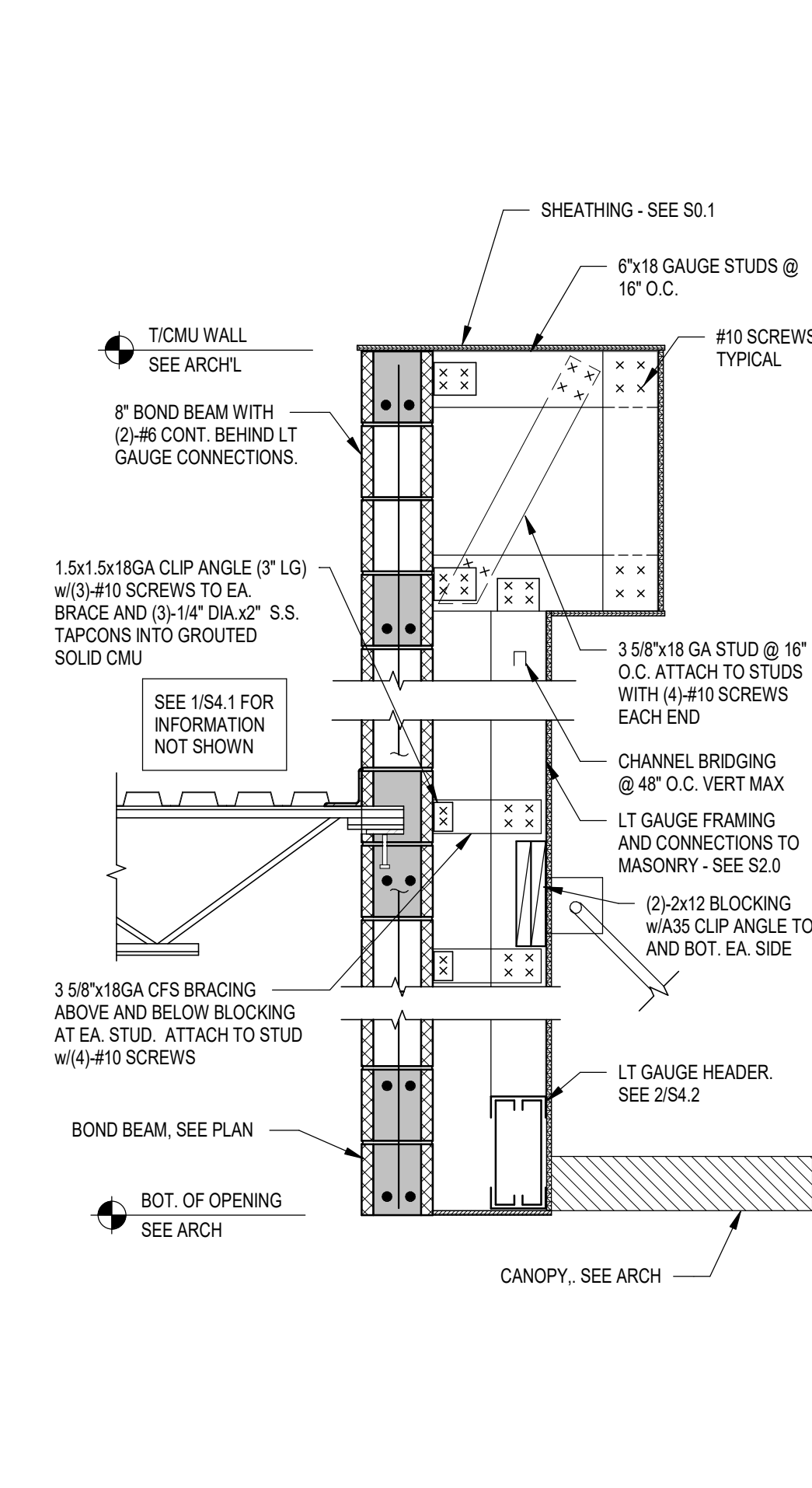
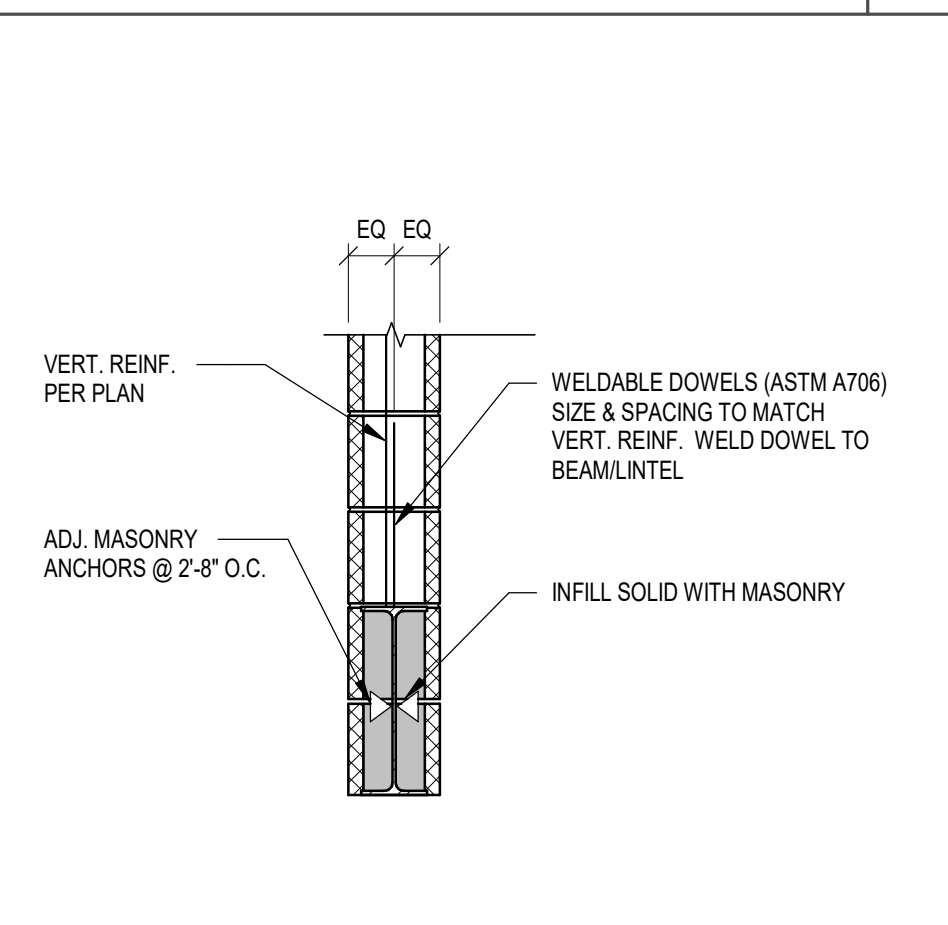
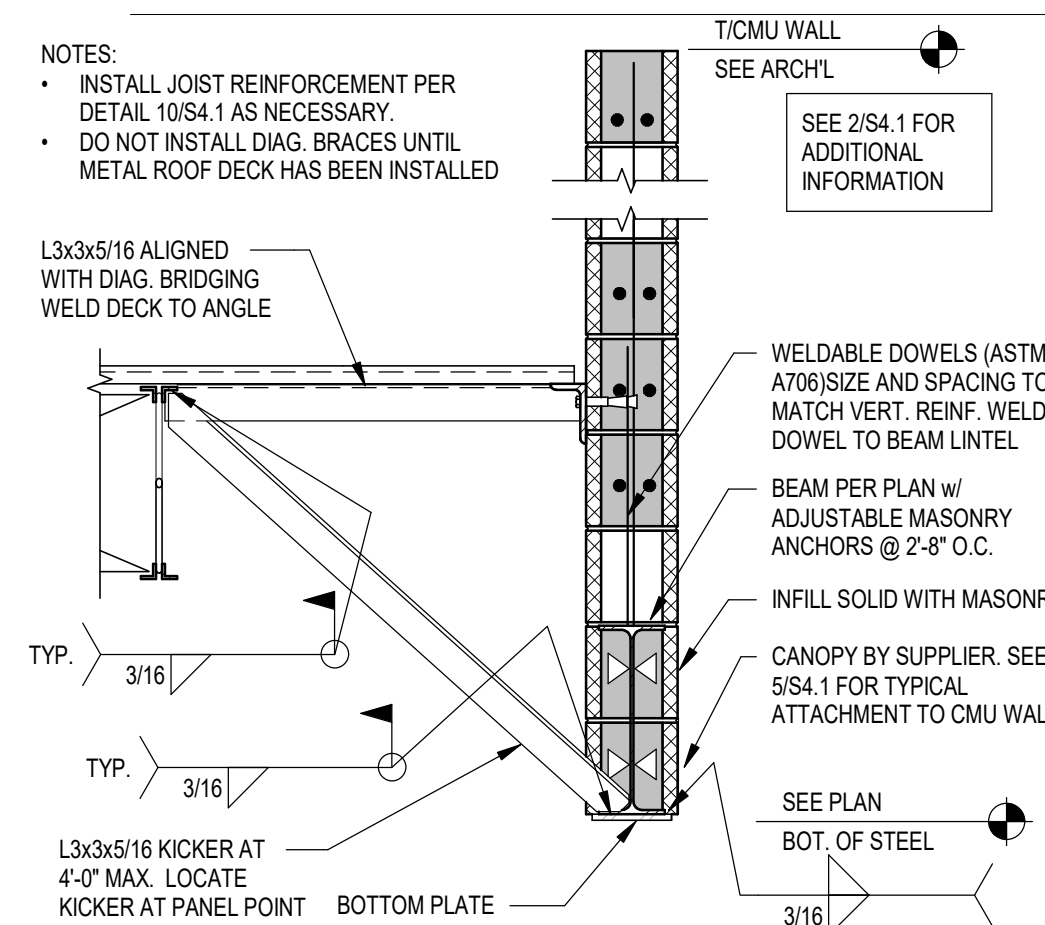
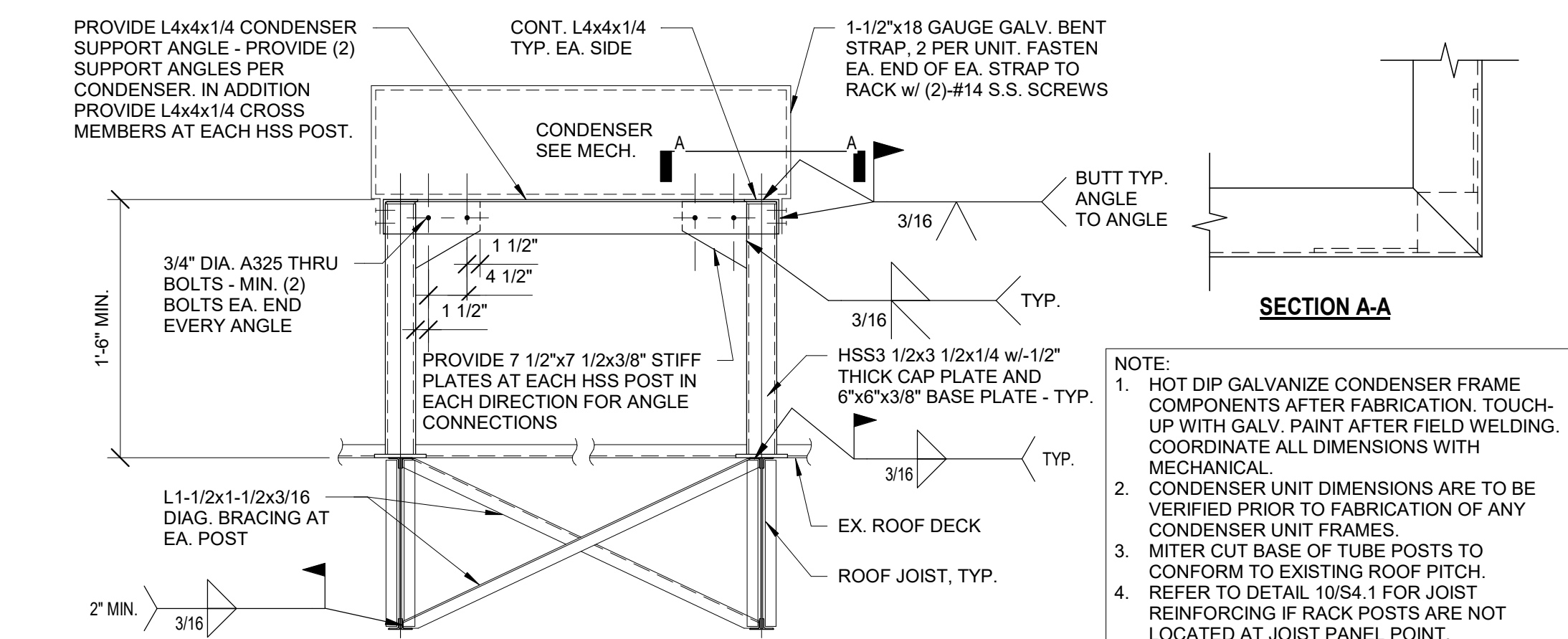
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



**ENDEAVOR 2.0
STRUCTURAL
DETAILS
FOUNDATION**

S4.0

PLOT DATE: 5/19/2022 9:56:30 AM



KEY NOTES:

- 01 HSS4x2x1/8 (LSV) HOT DIPPED GALVANIZED BLOCKING AT EACH END OF JOISTS.
- 02 HSS1x1x1/8 HOT DIPPED GALVANIZED INTERMEDIATE BLOCKING @ 24" O.C.
- 03 HSS4x2x1/8 (LSV) HOT DIPPED GALVANIZED STEEL JOISTS AT 18" O.C. (LSV). USE HSS 4x4x1/8 AT END JOIST FOR ROOF ATTACHMENTS.
- 04 22 GAGE MAGNA-LOC 180 ROOF PANELS - ATTACH AT EDGE USING #12 x 3/4" SCREWS WITH NEOPRENE WASHERS AT 6" O.C. AT EDGES AND 12" O.C. AT FIELD - REFER TO MFR. INSTALLATION GUIDE FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 05 HSS6x6x3/8 HOT DIPPED GALVANIZED STEEL BEAM.

SHEET NOTES:

STRUCTURAL STEEL:

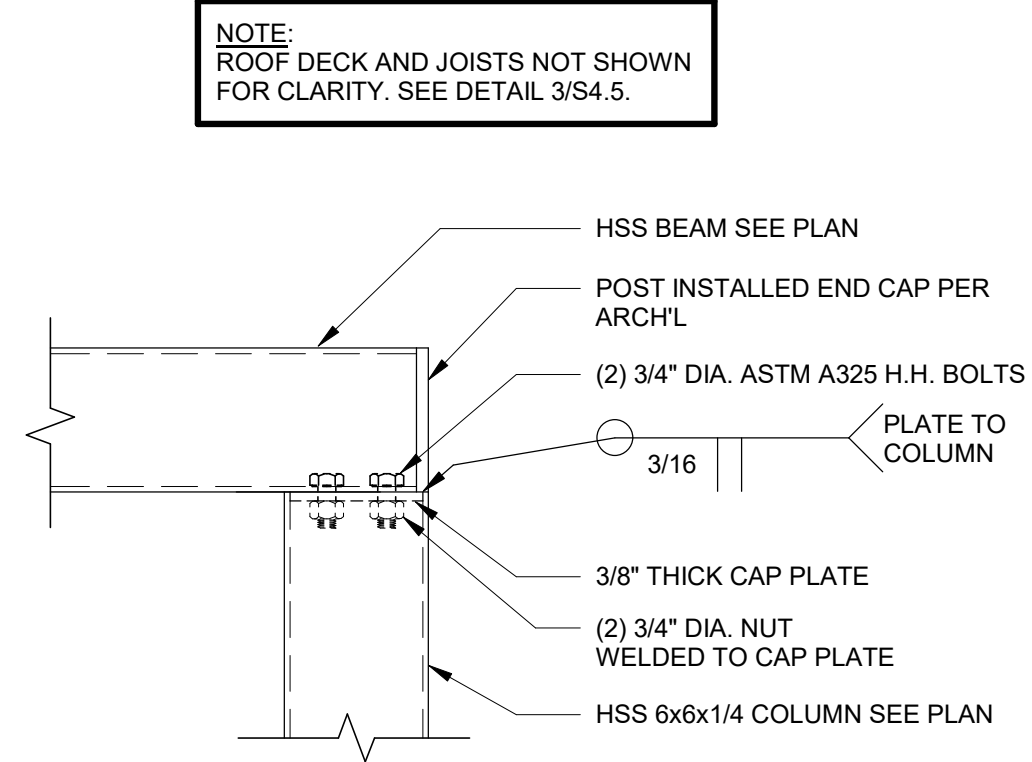
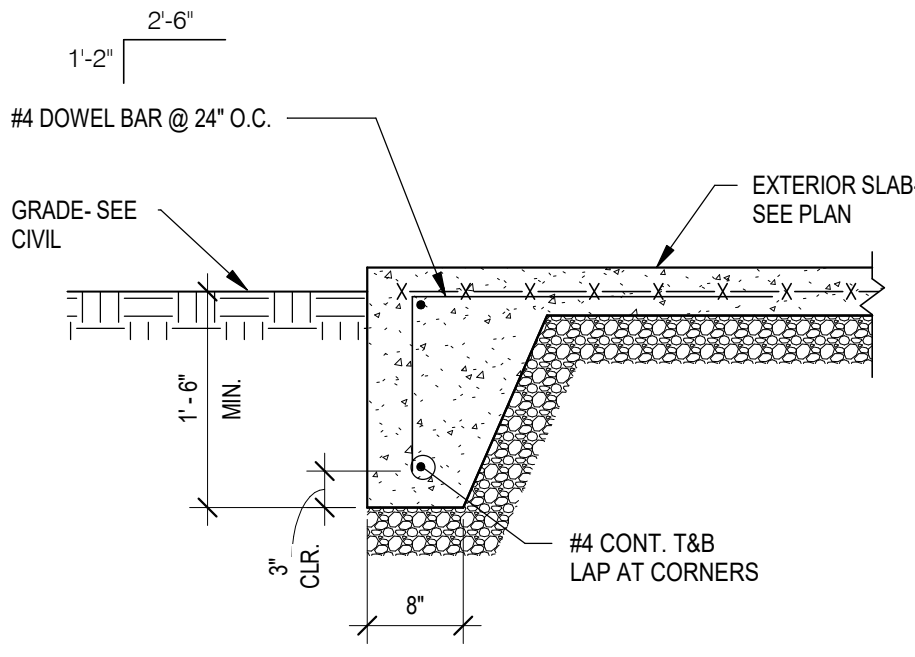
MATERIAL PROPERTIES:
PLATE: ASTM A36 UNO
TUBE: ASTM A500 GRADE B (Fy = 46 KSI)
BOLTS: ASTM A325

DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE AISC 360-16 SPECIFICATIONS.

ALL CANOPY STEEL AND CLIPS SHALL BE HOT DIP GALVANIZED.

ALL SCREWS SHALL BE COATED FOR CORROSION RESISTANCE.

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



EXTERIOR SLAB TURNDOWN

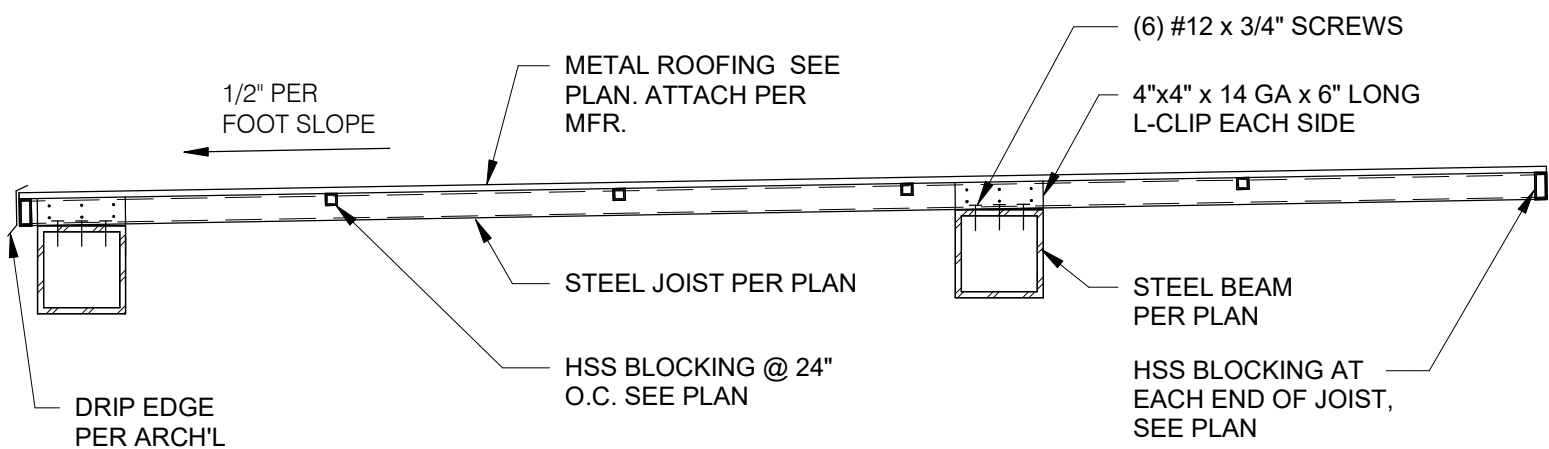
3/4" = 1'-0"

8

BEAM TO COLUMN

1 1/2" = 1'-0"

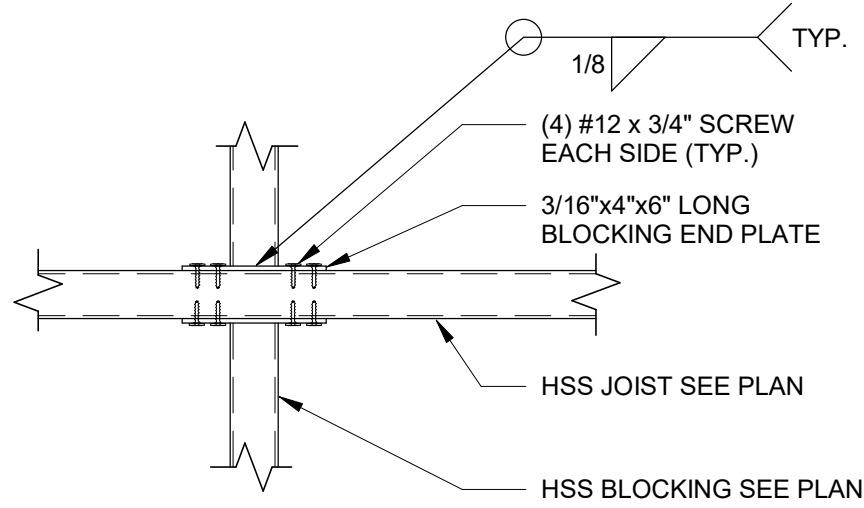
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CANOPY DETAIL

3/4" = 1'-0"

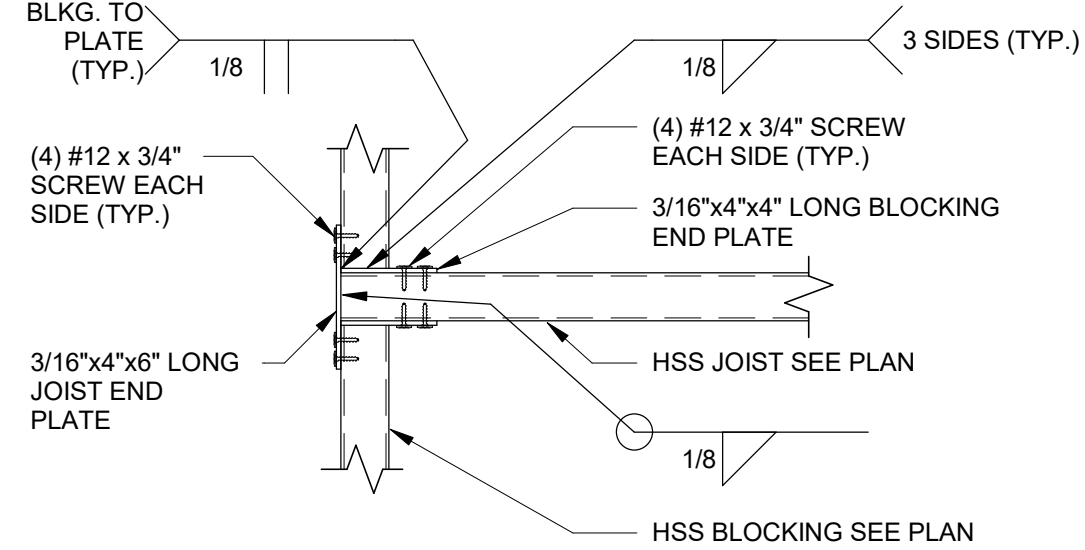
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INTERIOR BLOCKING TO JOIST

1 1/2" = 1'-0"

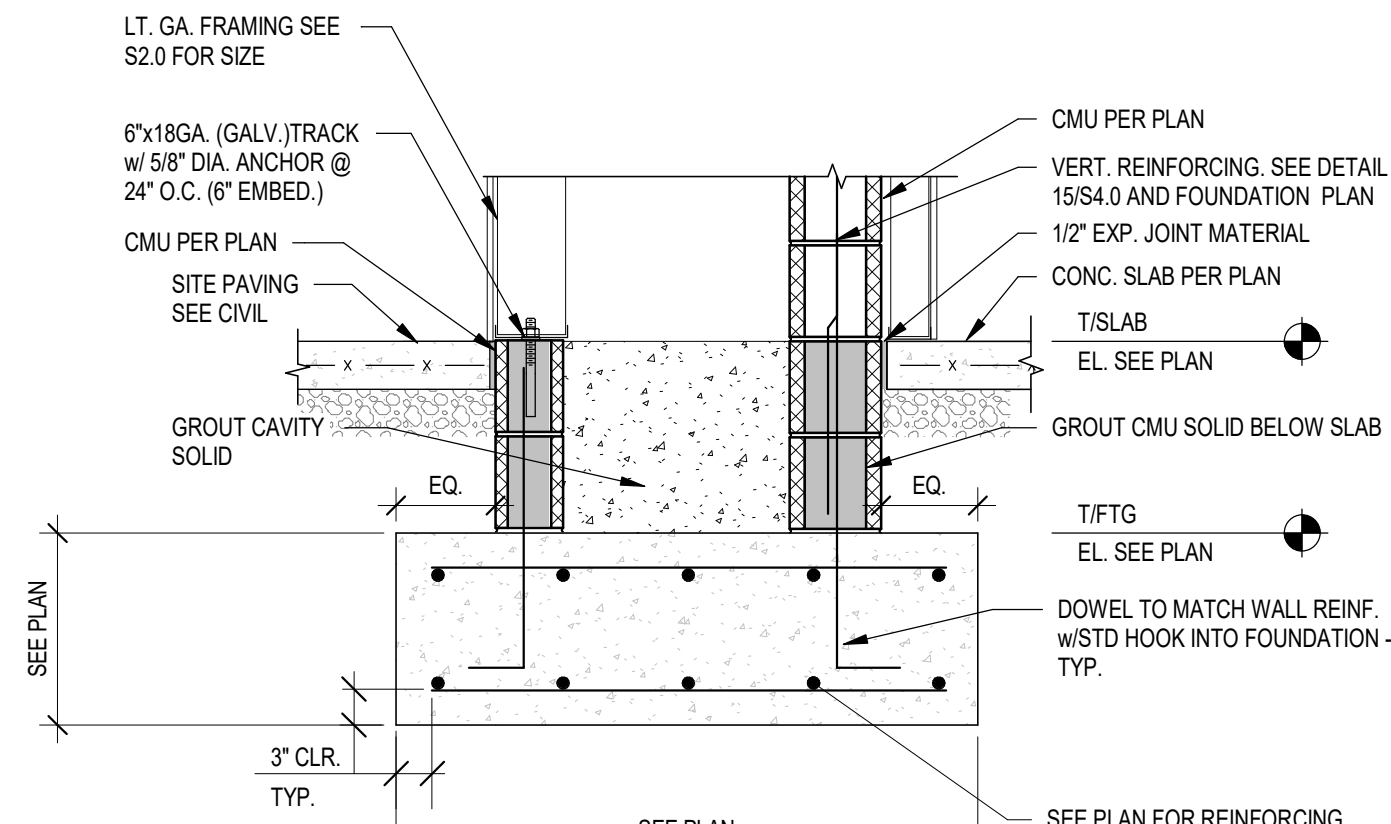
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EDGE BLOCKING TO JOIST

1 1/2" = 1'-0"

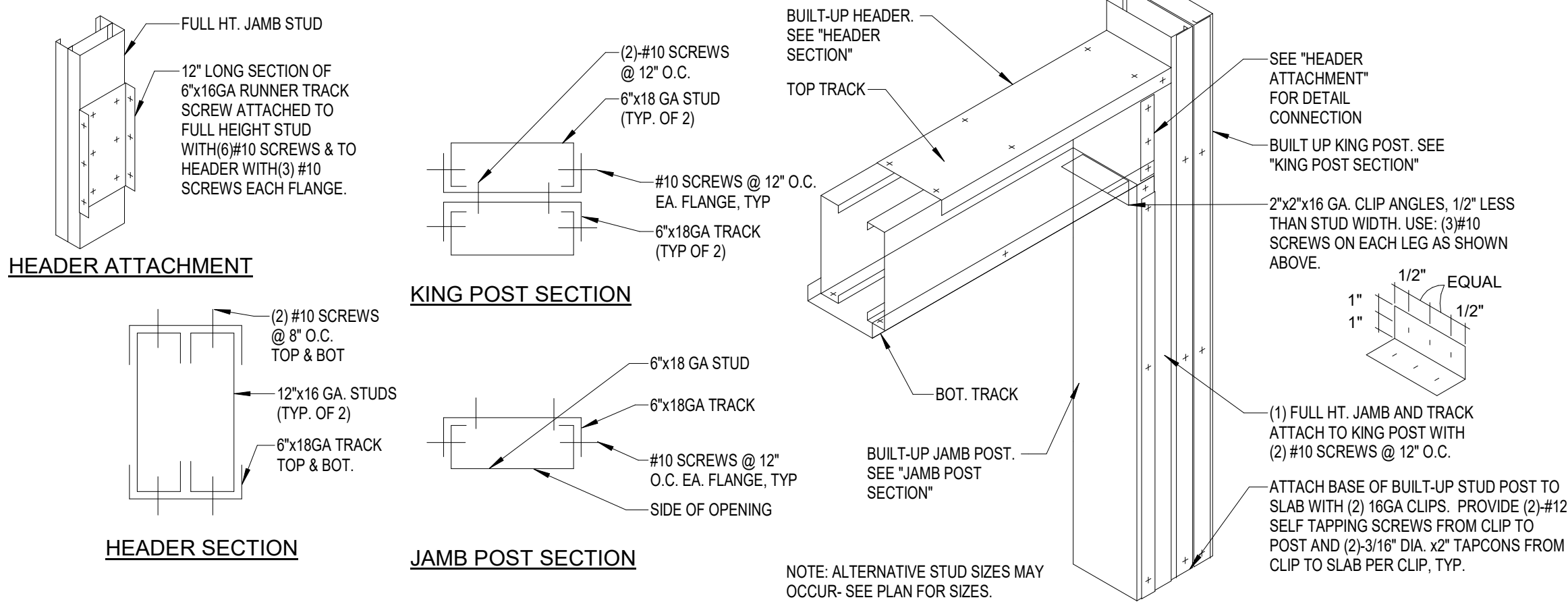
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SECTION AT SIDE TOWERS

3/4" = 1'-0"

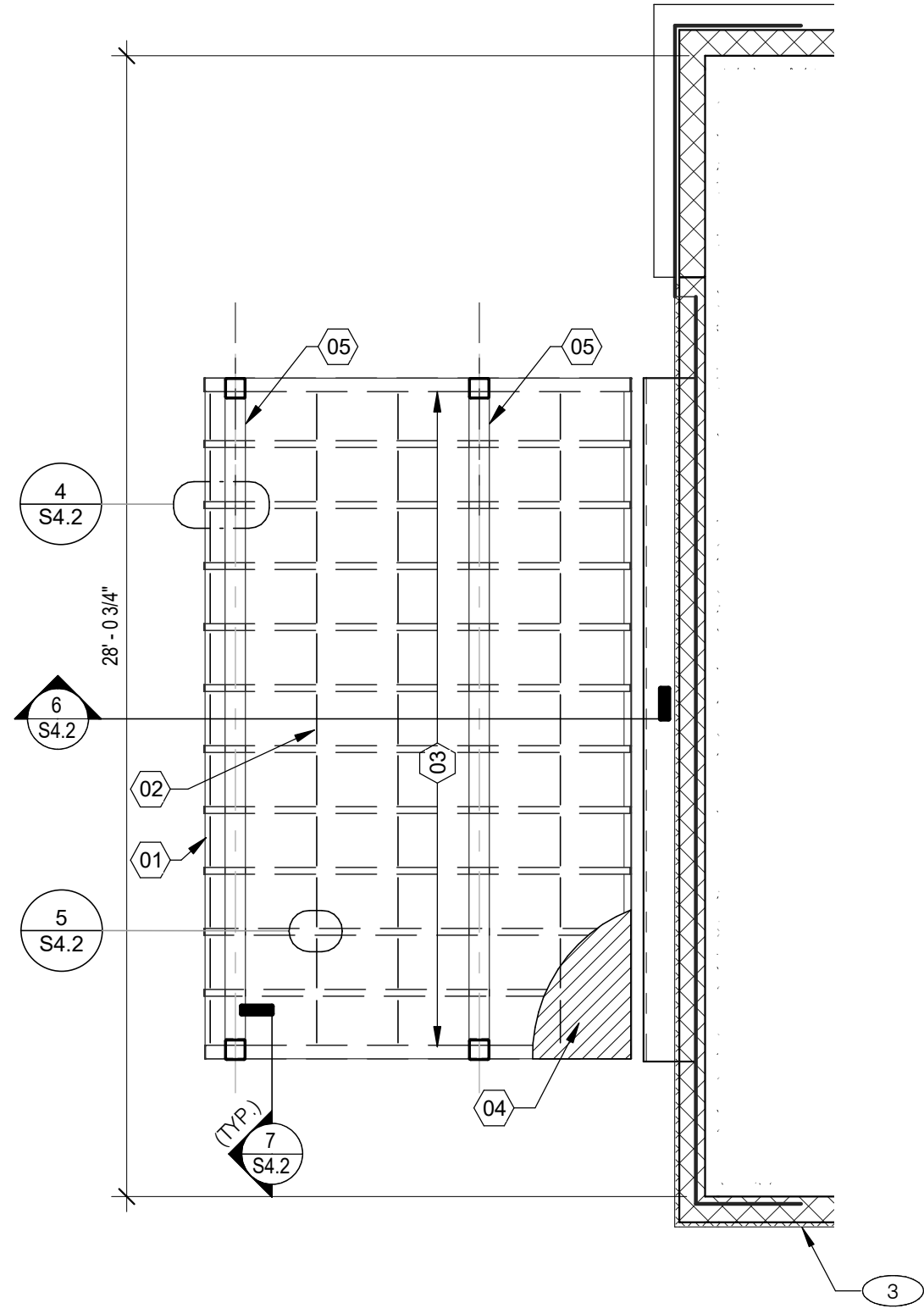
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TYP. COLD-FORMED CONSTRUCTION DETAILS

12" = 1'-0"

2



ROOF FRAMING PLAN

1/4" = 1'-0"

1

DATE	REMARKS
05.13.22	NTP
05.19.22	Issued for Bid

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315420
STORE NUMBER:	457313
PA/PM:	JW
DRAWN BY.:	JRM
JOB NO.:	2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
STRUCTURAL
DETAILS
FOUNDATION
AND FRAMING

S4.2

PLOT DATE: 5/19/2022 9:56:36 AM

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 RECEIVING AN EXTERNAL "OCCUPIED" SIGNAL.
20.

MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
21.

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

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

MECHANICAL NOTES

6

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

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


MECHANICAL SYMBOLS

7

VENTILATION SCHEDULE based on ASHRAE 62.1

Zone Identification	Occupancy Category	Zone Floor Area A _z (ft ²)	Area Outdoor Airflow Rate R _a (CFM/ft ²)	People Outdoor Airflow Rate R _p (CFM/person)	Occupant Density (#/1000ft ²)	Zone Population P _z (People)	Zone Air Effectiveness E _z	Breathing Zone Outdoor Airflow V _{bz} (CFM)	Exhaust Rate (CFM/ft ²)	Required Exhaust Airflow (CFM)	Actual Provided Outdoor Airflow (CFM)	Actual Provided Exhaust Airflow (CFM)	Mechanical Unit
BOH	Kitchen (Cooking)	970.0	0.12	7.5	20	8	0.80	221	0.7	679	1062	1350	RTU-2/EF-1/EF-2
Dining	Cafeteria/Fast-Food Dining	596.0	0.18	7.5	100	42	0.80	528	0	0	675	0	RTU-1
Mens RR	Toilets - Public	60.0	0	0	0	0	0.80	0	50/70 Per Fixture	70		130	RTU-1/EF-2
Office	Office Space	60.0	0.06	5	5	0	0.80	6	0	0	63	0	RTU-1
Womens RR	Toilets - Public	63.0	0	0	0	0	0.80	0	50/70 Per Fixture	70		140	RTU-1/EF-2
Total:		1749.0						755		819	1800	1620	

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

	MARK	AREA SERVED	FAN DATA				COOLING CAPACITY			HEATING CAPACITY				ELECTRICAL DATA			WEIGHT (LBS.)	MODEL	NOTES	
			SUPPLY CFM	MIN. OA CFM	ESP	HP	RPM	NOMINAL TONS	MIN CAP (MBH) TOT/SEN	MIN EER	INPUT (MBH)	OUTPUT (MBH)	HEATING STAGES	AFUE %	VOLTS/ PH	MCA (A)				MOCP (A)
	RTU-1	DINING	3000	675	0.8	2	979	7.5	96.6/57.3	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	160.0/103.9	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 - 79.6°F DB / 70.1°F WB EAT AND 95°F AMBIENT / RTU-2 - 79.8°F DB / 69.0°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 94°F & 76°F WB, WINTER 37°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. SEE SHEET M2.0 FOR HUMIDITY SENSOR LOCATION.

HVAC UNIT SCHEDULE

1

Mark	FAN DATA					VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES
	CFM	ESP	RPM	HP						
EF-1	1050	0.9	1344	1/2		120/1	DIRECT	STRATOVENT	#SDU50HFA	1,3,5,6,7,8,10
EF-2	570	0.375	1025	1/4		120/1	DIRECT	STRATOVENT	#SVD830HFA	2,4,7,8,9,10,11

REMARKS:

1.

UL 762 LISTED (GREASE)
2.

UL 705 LISTED (HEAT OR STEAM)
3.

FLAT ROOF CURB, 19.5" X 19.5" X 26"H, VENTED
4.

FLAT ROOF CURB, 19.5" X 19.5" X 14"H
5.

GREASE CUP WITH DRAIN
6.

FACTORY ATTACHED HINGES
7.

WEATHERPROOF PRE-WIRED DISCONNECT SWITCH
8.

PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER
9.

GRAVITY BACKDRAFT DAMPER
10.

FURNISHED BY OWNER WITH HOOD PACKAGE
11.

FURNISHED WITH DAMPER TRAY

EXHAUST FAN SCHEDULE

2

MARK	NECK SIZE	FACE SIZE OR GRID SIZE	(NO.) & AIR PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
E-1	8"X8"	12"x12"	-	EXHAUST	200	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5S-1/ 50F	FRN SQR TO RND ADAPTER
E-2	8"DIA	24"x24"	-	EXHAUST	300	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB/50F-NT	FRN SQR TO RND ADAPTER
R-1	22"X22"	24"x24"	-	RETURN	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 ALUMINUM	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER
T-1	24"X16"		VERT	RETURN	0	DUCT		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

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

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

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

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

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, INC.
LIC. # - 30920

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

	DATE	REMARKS
1	05.11.22	Building Comments
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY.: AD

JOB NO.: 2021088.46

TACO BELL

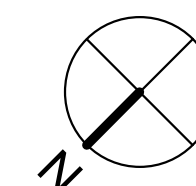
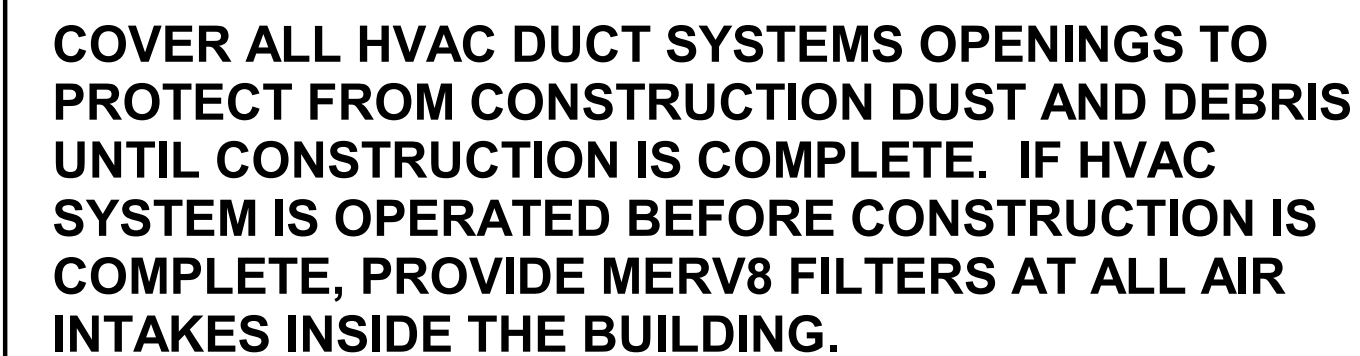
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Clermont, FL 34711



ENDEAVOR 2.0
MECHANICAL
SCHEDULES
AND NOTES

M1.0

PLOT DATE: 5/19/2022 10:06:23 AM



CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED2020
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315420
STORE NUMBER:	457313
PA/PM:	JW
DRAWN BY.:	AD
JOB NO.:	2021088.46

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



M2.0

PLOT DATE: 5/19/2022 10:06:25 AM

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

1

1

- 1 AIR DUCT UP TO UNIT.
- 2 SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.
- 3 FACTORY INSTALLED SMOKE DETECTOR MOUNTED IN ROOFTOP UNIT.
- 4 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. RUN 24 VAC POWER AND SIGNAL CONDUCTORS IN TWO (2) SEPARATE TWO (2) CONDUCTOR CABLES, 18 AWG.
- 5 MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR. CONNECT TO THERMOSTAT WITH 18 AWG 2 CONDUCTOR CABLE PER MANUFACTURER INSTALLATION INSTRUCTIONS. ENSURE THAT TEMPERATURE SENSOR IN DINING AREA IS NOT LOCATED ON TILE WALL.
- 6 UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR.
- 7 PROVIDE SHOE TAP AT CONNECTION TO DUCT DROP FROM ROOFTOP UNIT.
- 8 RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- 9 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- 10 10X16" EXHAUST AIR DUCT DOWN AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD.
- 11 EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 11 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.

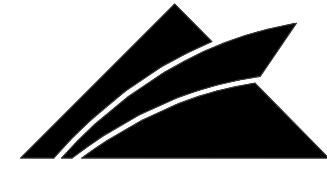
- 12 PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- 13 PROVIDE SMOKE DETECTOR RESET SWITCH WITH KEY. RESET SWITCH SHALL BE "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER'S REQUIREMENTS.
- 14 PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. AIR CURTAIN SHALL BE BERNER MODEL DTU03-2026A, WITH 120V/60 POWER CONNECTION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- 15 TRANSFER AIR GRILLE MOUNTED ABOVE CEILING TO ALLOW TRANSFER AIR TO PREVENT FREEZING ABOVE WALK-IN COOLER/FREEZER. COORDINATE IN FIELD WITH OTHER TRADES TO ENSURE NO OBSTRUCTIONS.
- 16 HUMIDITY SENSOR (REMOTE). MOUNT HUMIDITY SENSORS FOR RTU-1 & RTU-2 AT EYE LEVEL IN KITCHEN. VERIFY EXACT LOCATION.
- 17 NO DUCTWORK SHALL BE EXPOSED IN THE OPEN CEILING AREA.

C

NTS

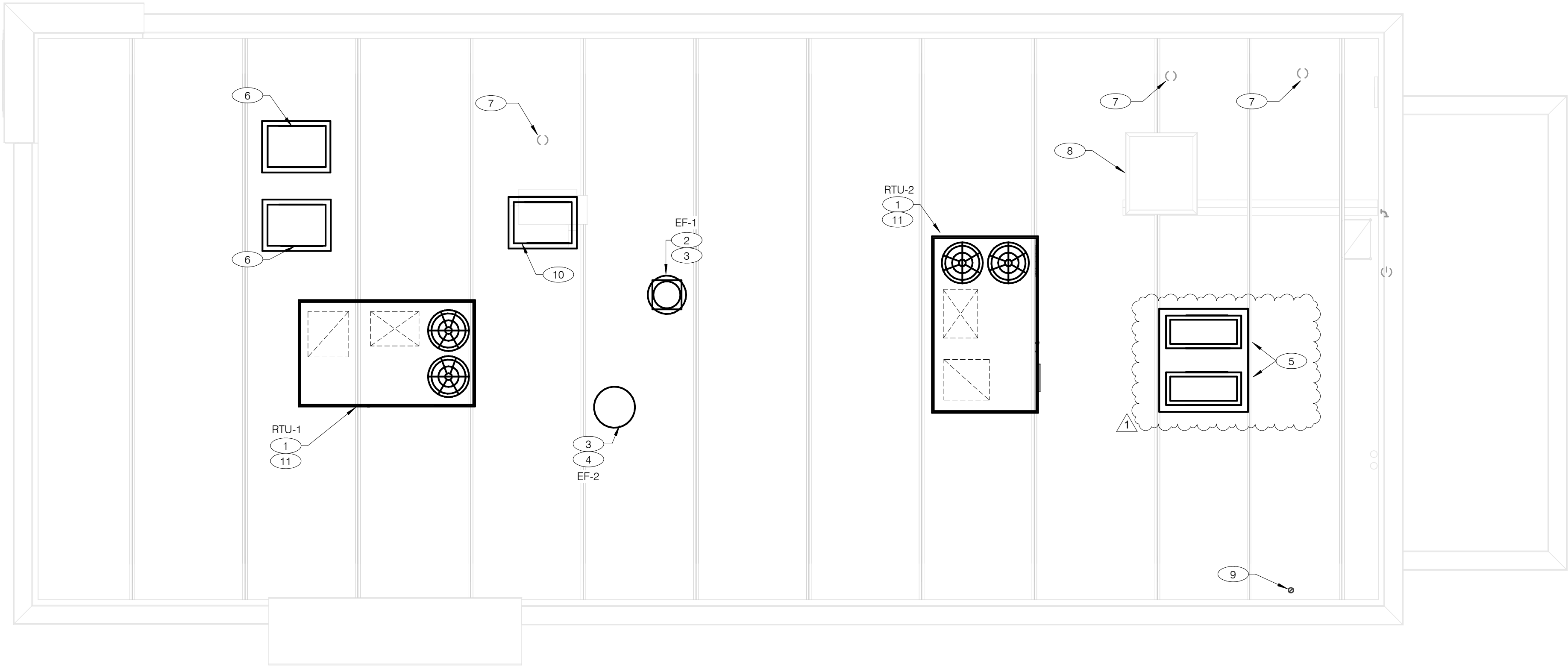
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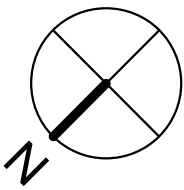


GPD GROUP, INC.
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AKRON, OH 44311
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COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.



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	05.11.22	Building Comments
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

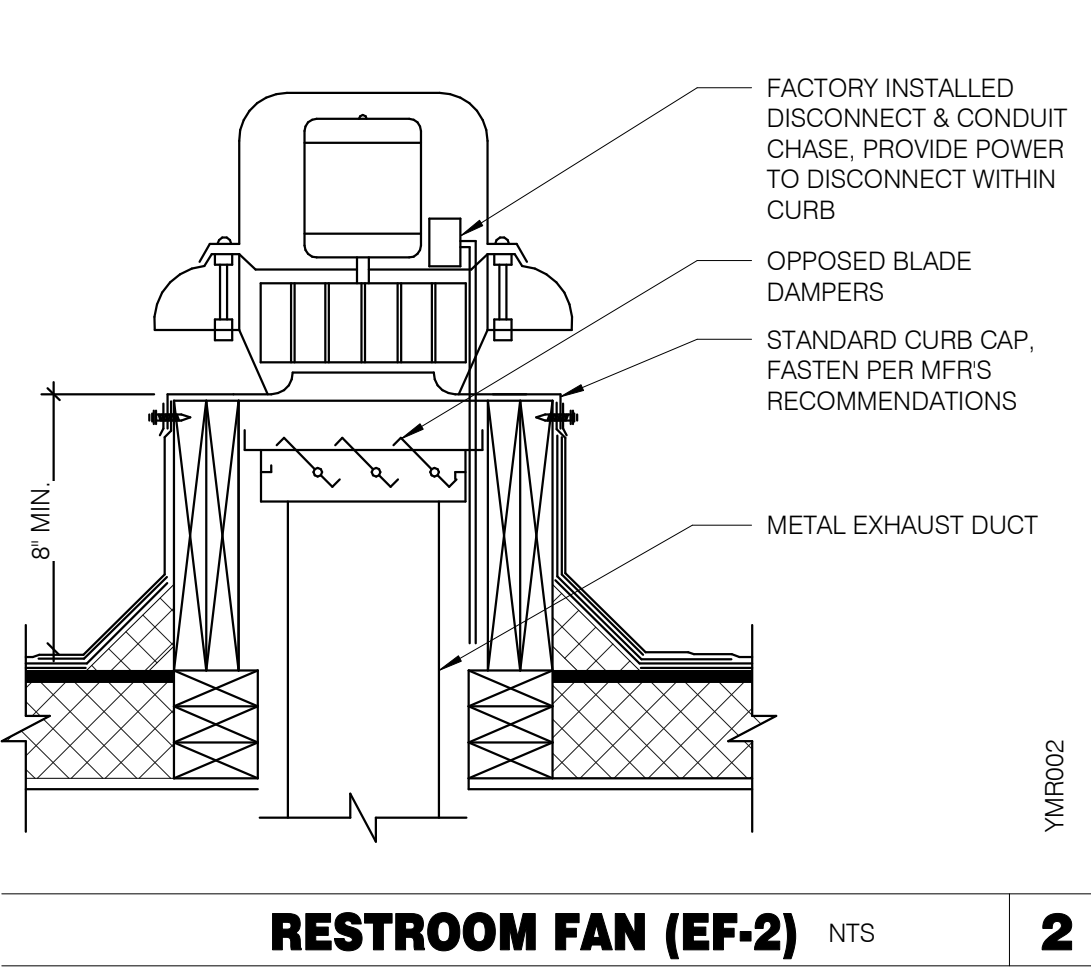
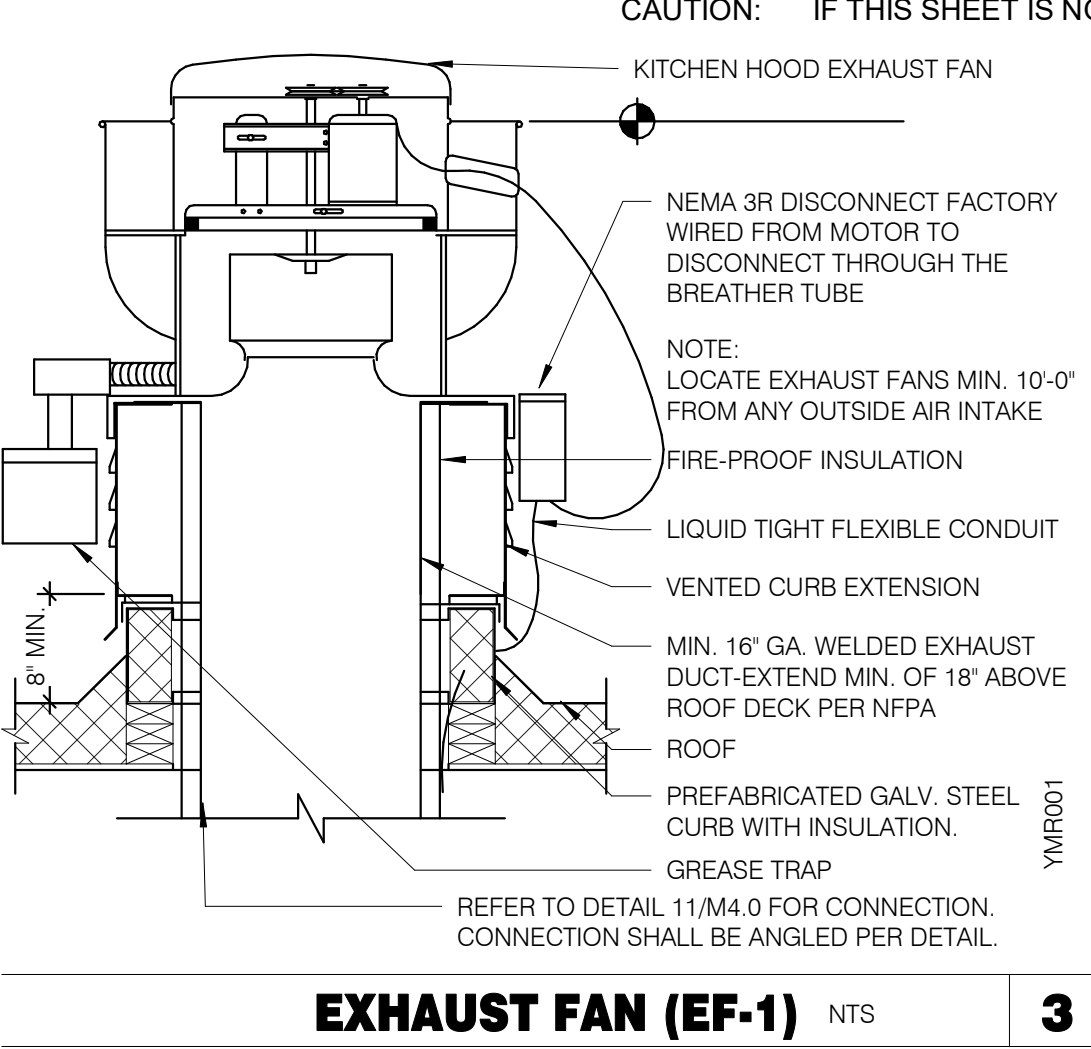
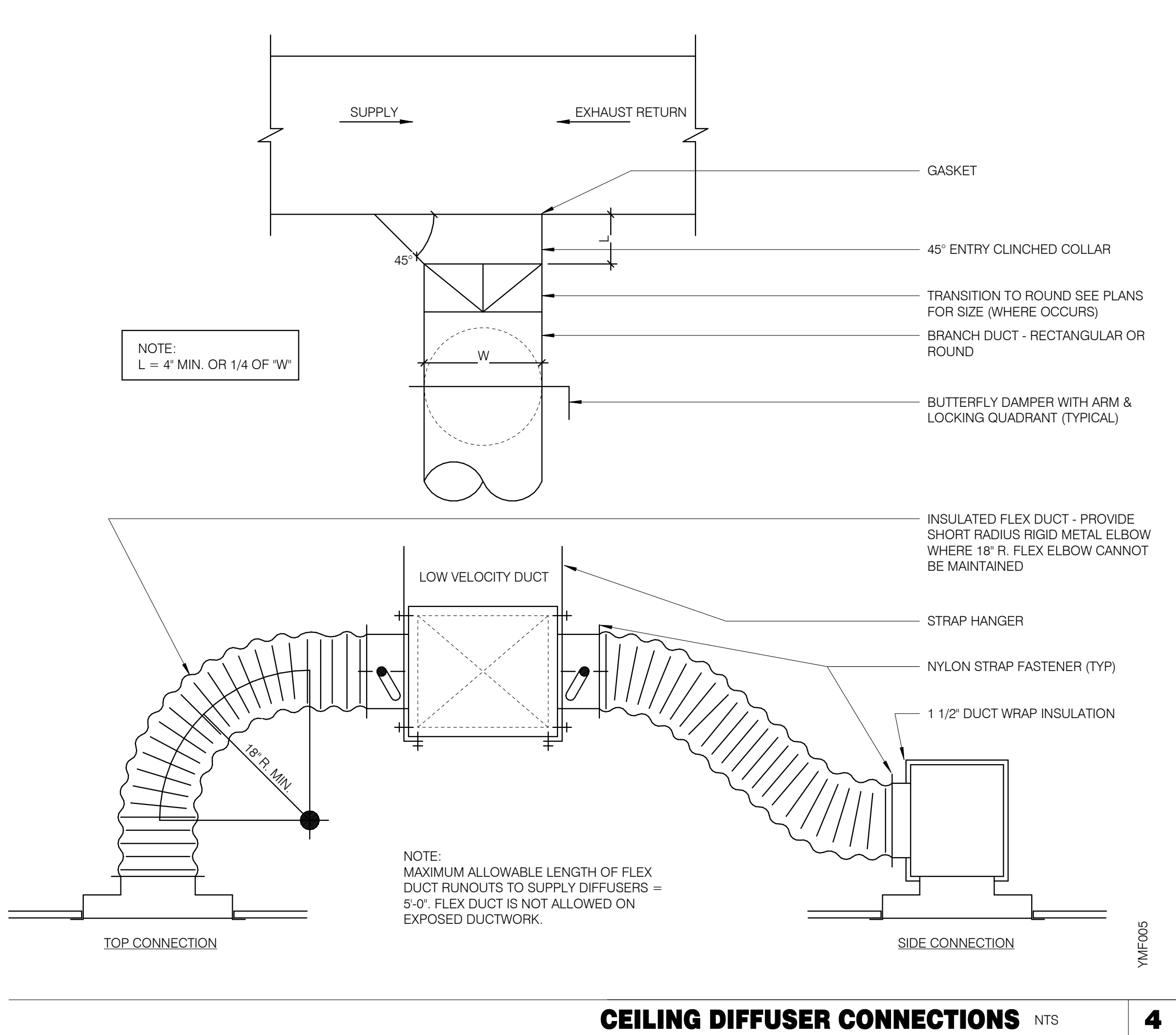
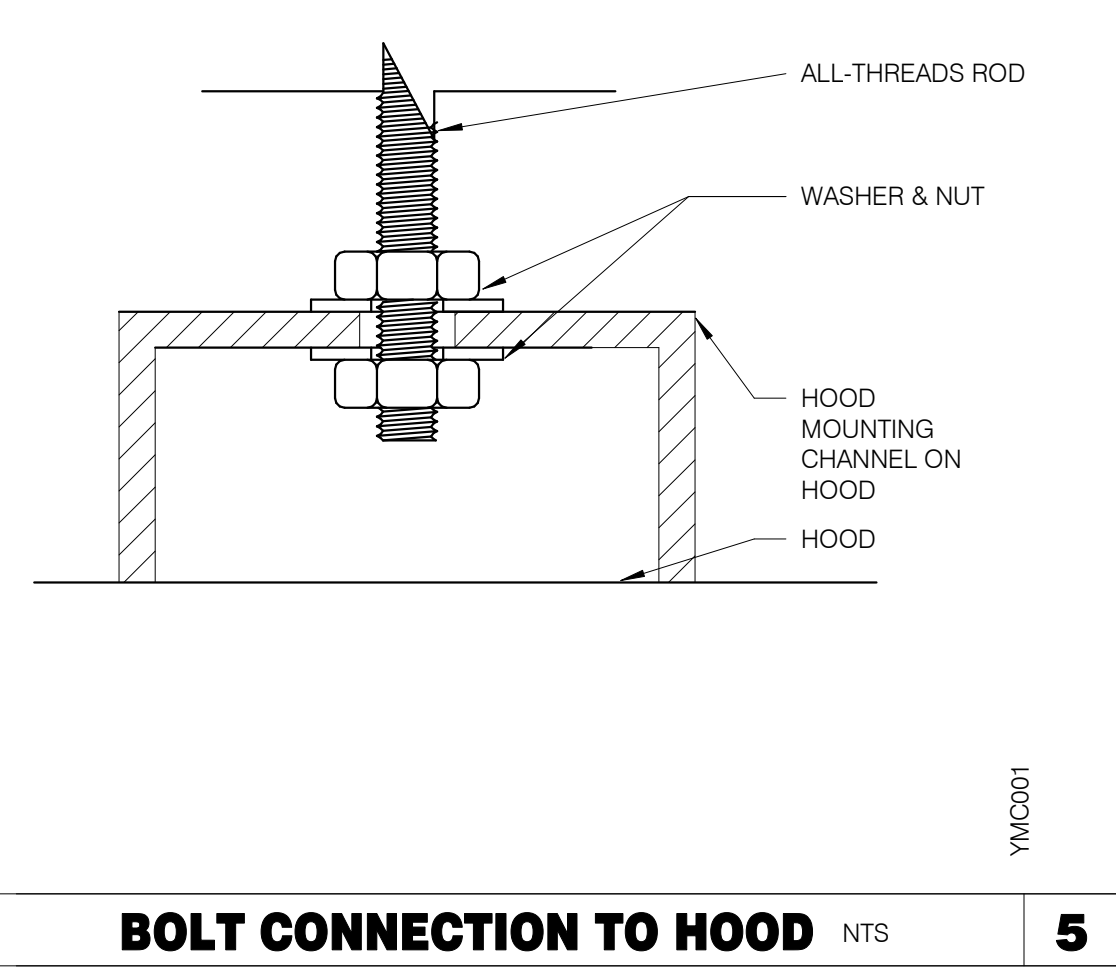
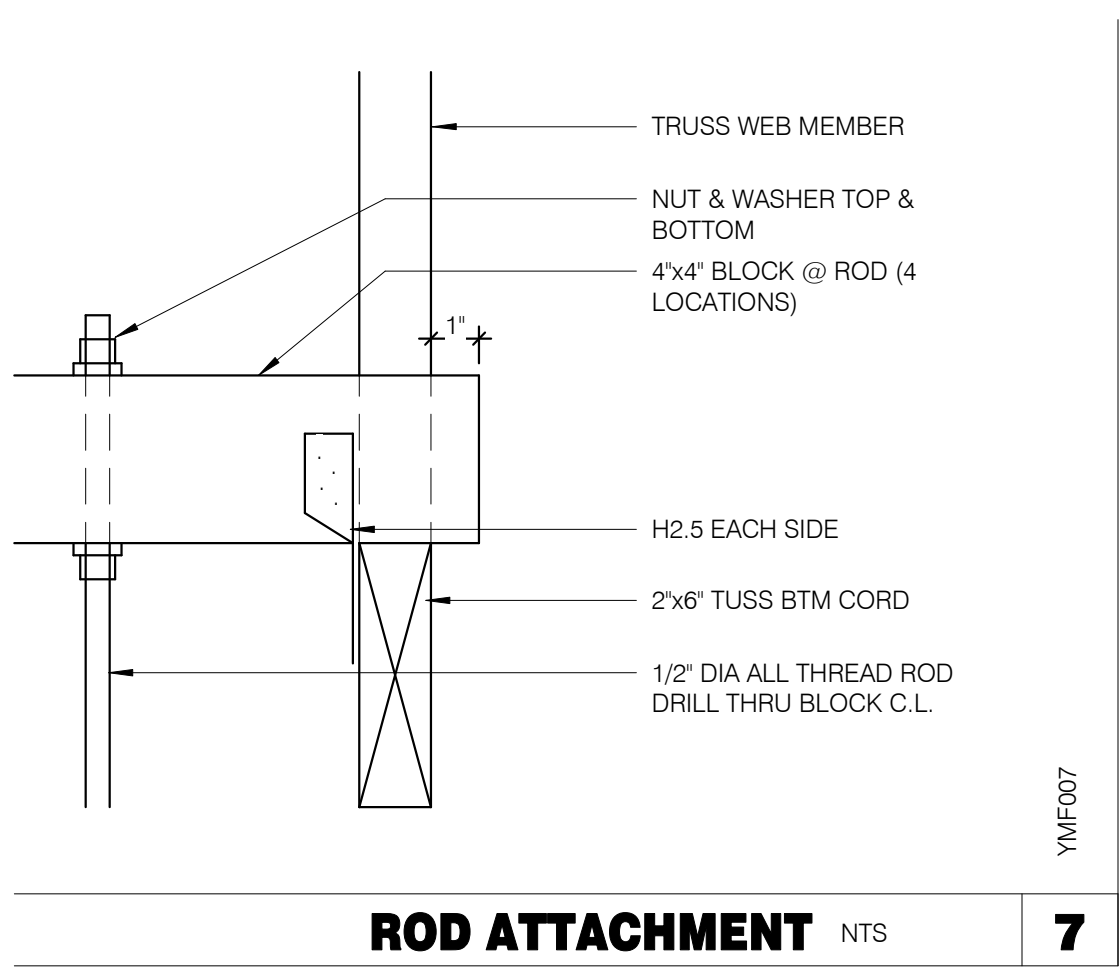
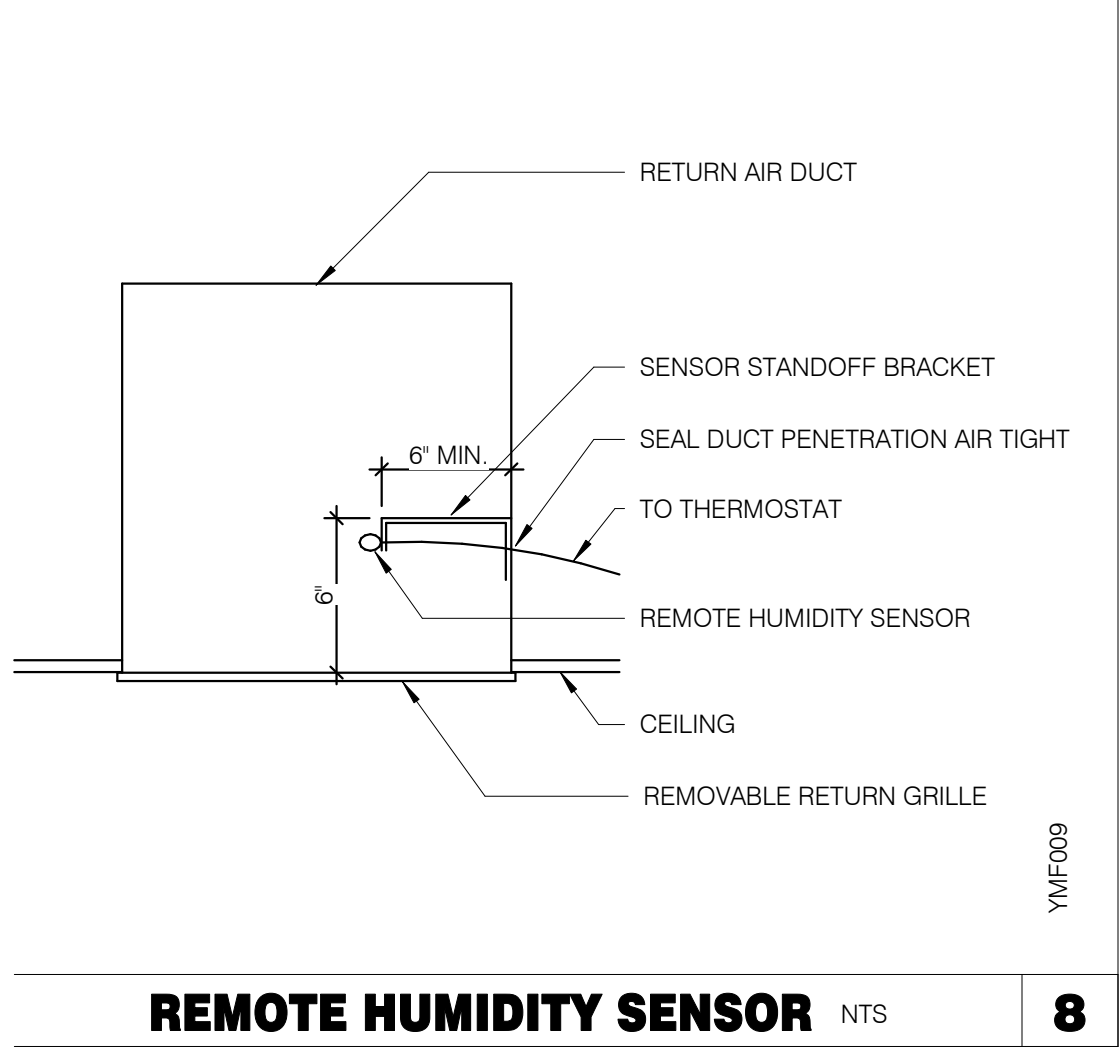
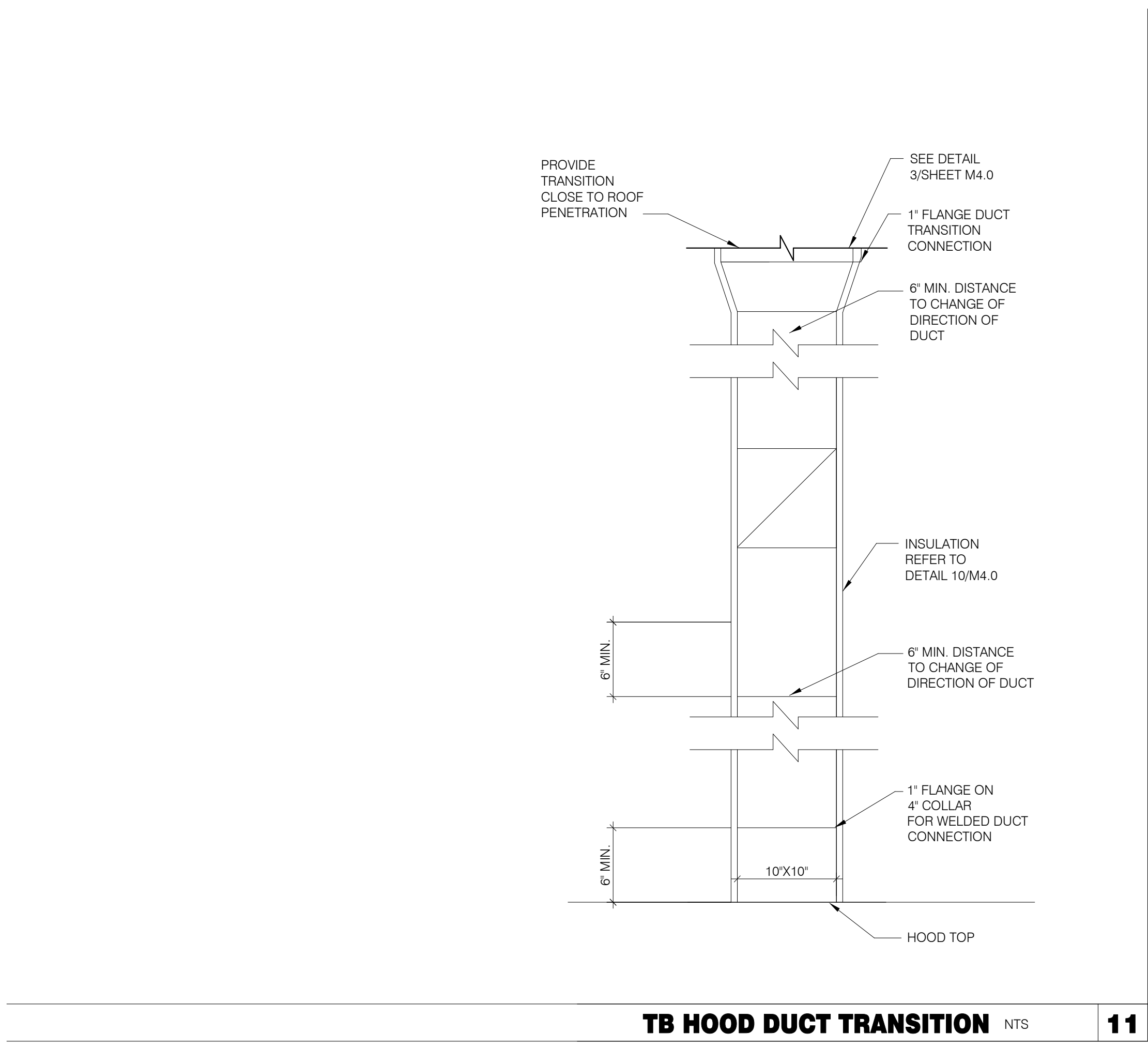
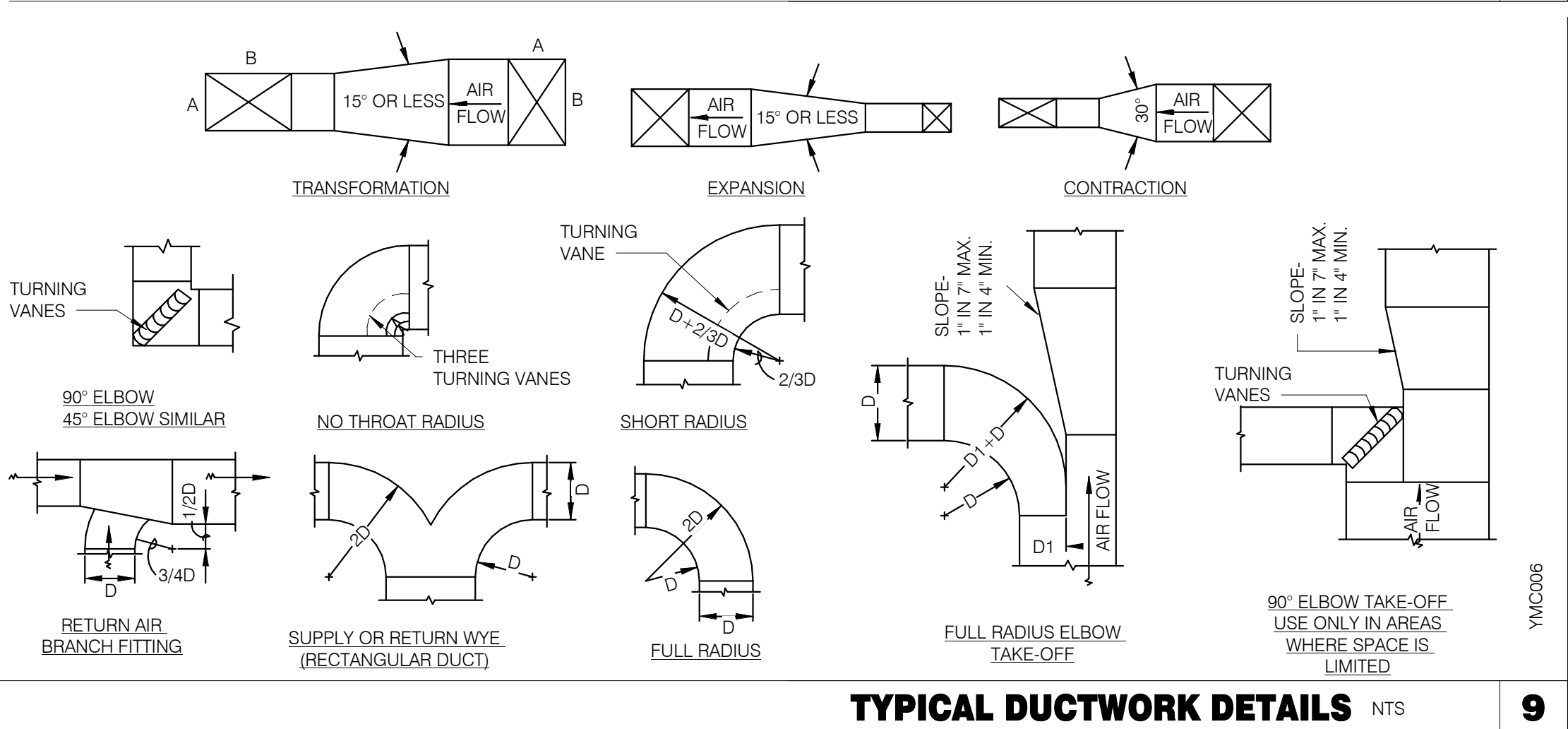
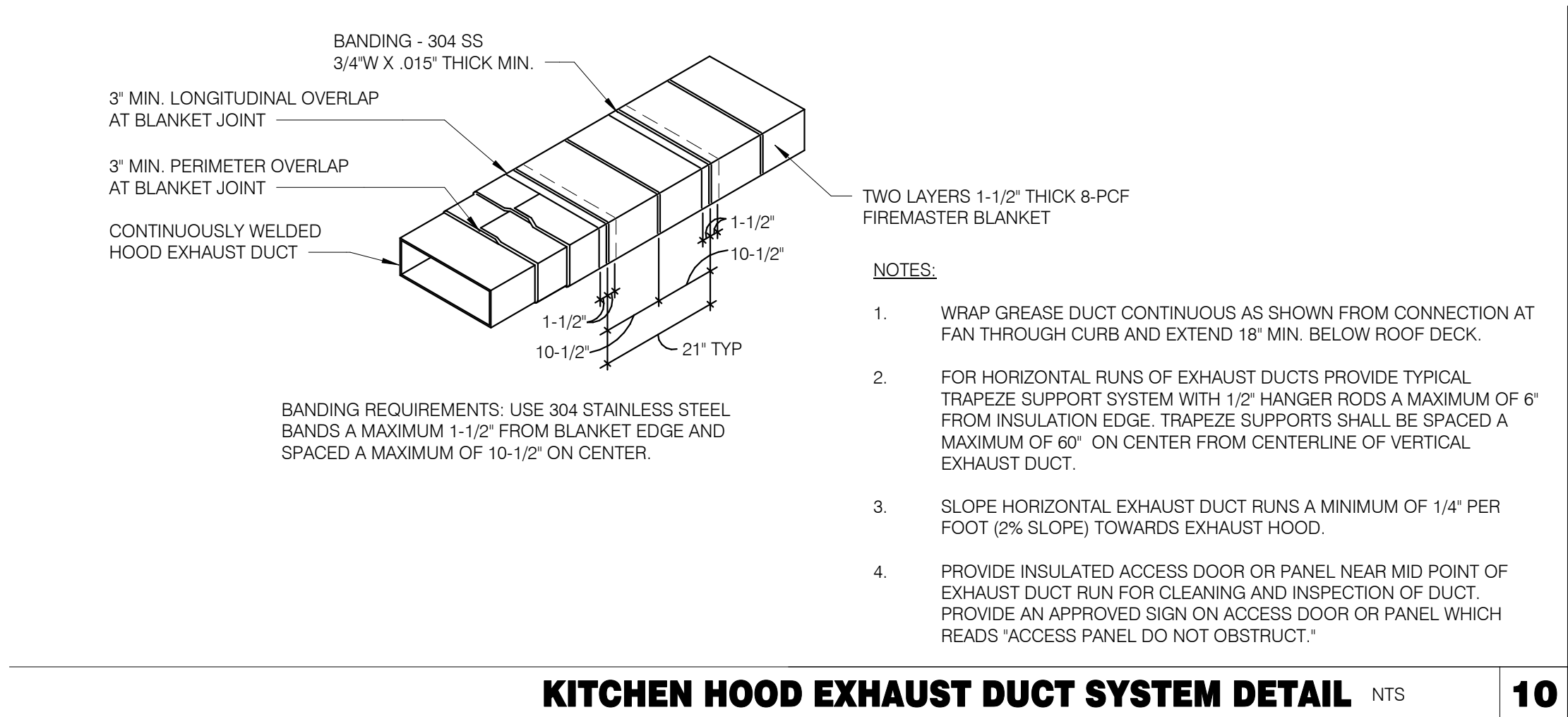


ENDEAVOR 2.0
MECHANICAL
ROOF PLAN

M2.1

PLOT DATE: 5/19/2022 10:06:26 AM

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LIC. # - 30920

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

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY.: AD

JOB NO.: 2021088.46

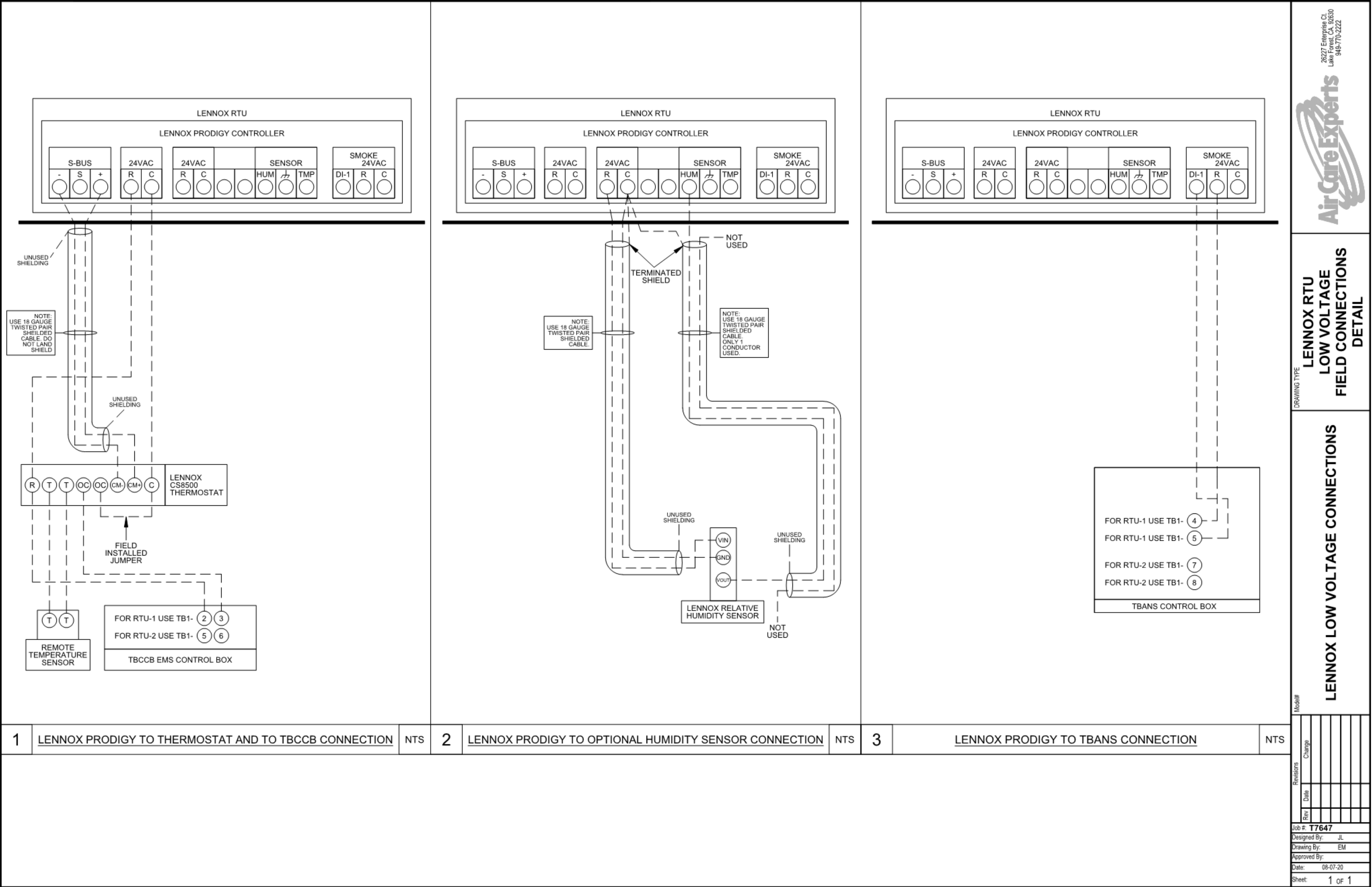
TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

ENDEAVOR 2.0 MECHANICAL DETAILS

M4.0

PLOT DATE: 5/19/2022 10:06:28 AM



	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED40
PLAN VERSION: MARCH 2020
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 1.0
CONTROLS
DETAILS




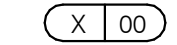
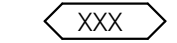
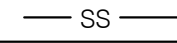
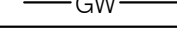
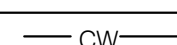

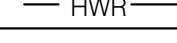
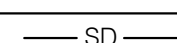
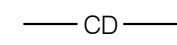
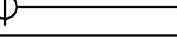
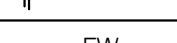
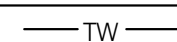
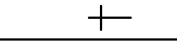
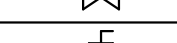
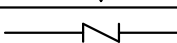

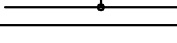





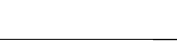
M5.0

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
RETHERMALIZER *	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 2020 FPC (COMBINATION WASTE & 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 1003.3.7 IN THE 2020 FLORIDA 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 BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR.	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
<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



	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY.: AD

JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



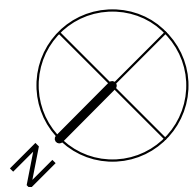
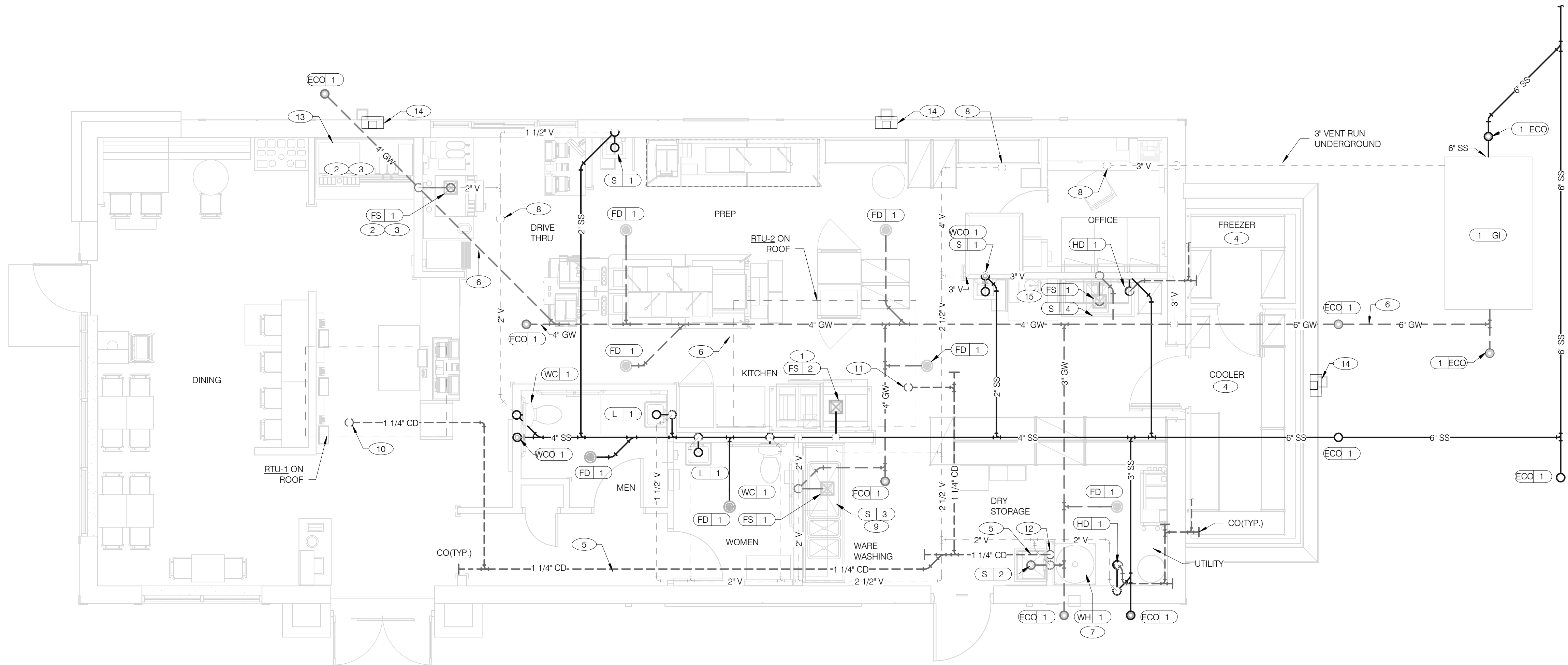
ENDEAVOR 2.0
PLUMBING
SCHEDULES
AND NOTES

P1.0

PLOT DATE: 5/19/2022 10:06:30 AM



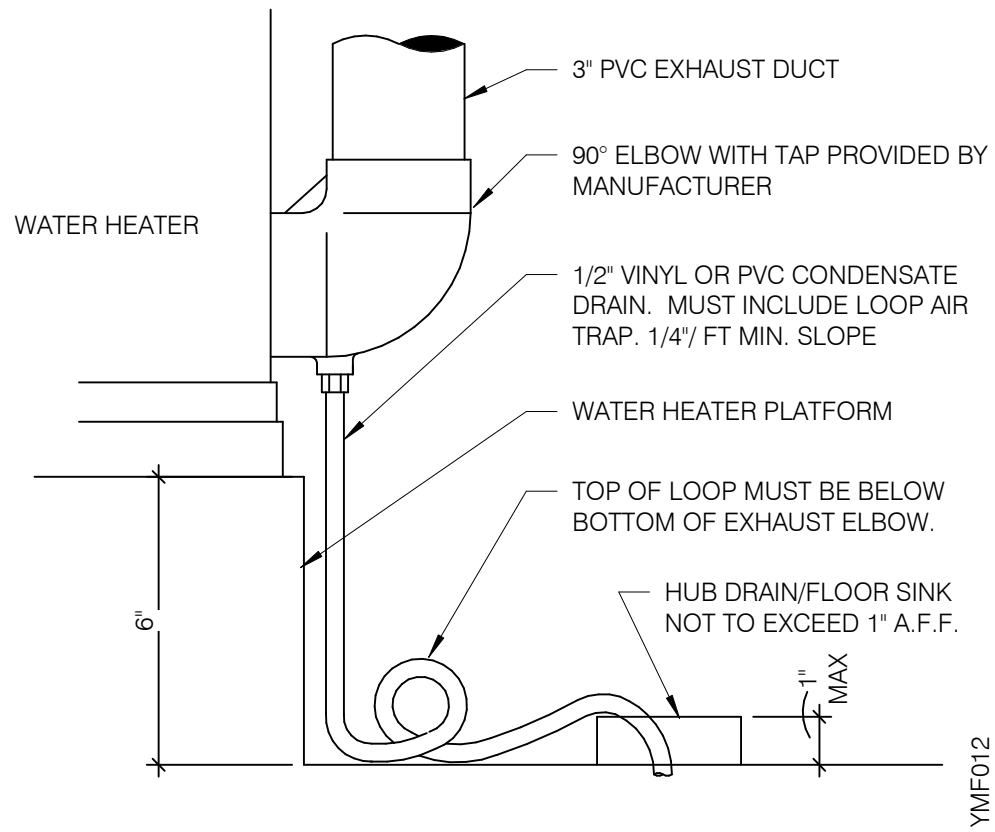
520 S. MAIN STREET, SUIT 2531
AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

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



WATER HEATER CONDENSATE DETAIL NTS 4

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

WASTE & VENT PLAN NOTES NTS 3

- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2. OUTWARD.
- 2 PROVIDE 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 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.
- 5 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.
- 6 ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.1 AND DETAIL 4/P2.0.
- 7 4" VENT UP THROUGH ROOF.
- 8 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

- 10 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 10/P6.0.
- 11 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 10/P6.0.
- 12 CONDENSATE DRAIN PIPE DOWN TO MOP SINK. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY AUTHORITY HAVING JURISDICTION.
- 13 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

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Clermont, FL 34711



ENDEAVOR 2.0
WASTE AND
VENT PLAN

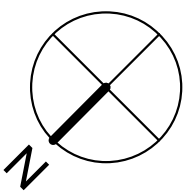
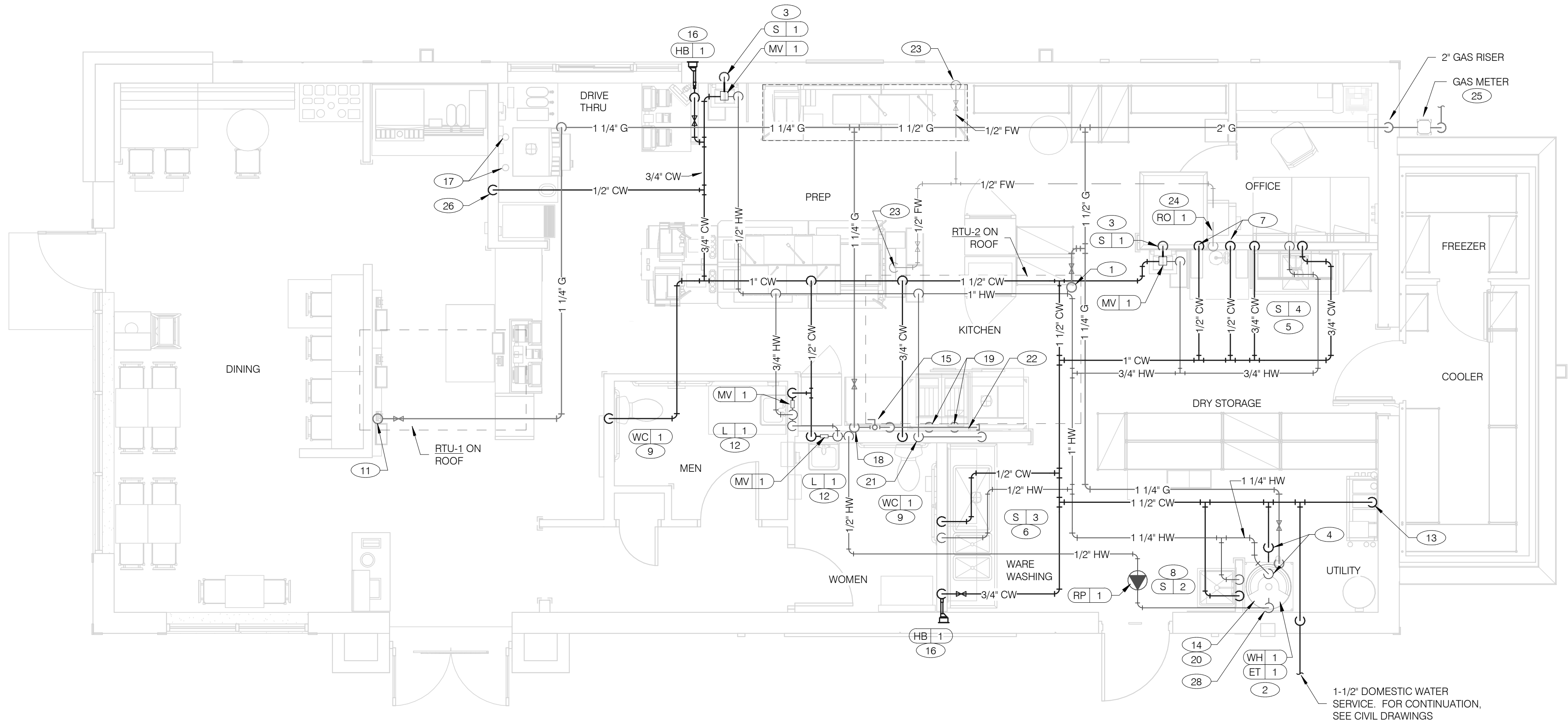
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PLOT DATE: 5/19/2022 10:06:34 AM



GPD GROUP, INC.
LIC. # - 30920

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



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" (180 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 NOT USED.
- 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. MIXING VALVE SHALL BE INSTALLED WITHIN 24" OF LAVATORY FAUCET SUPPLY PIPE.
- 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 NOT USED.
- 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	05.11.22	Building Comments
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



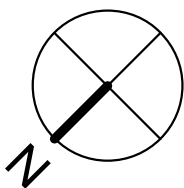
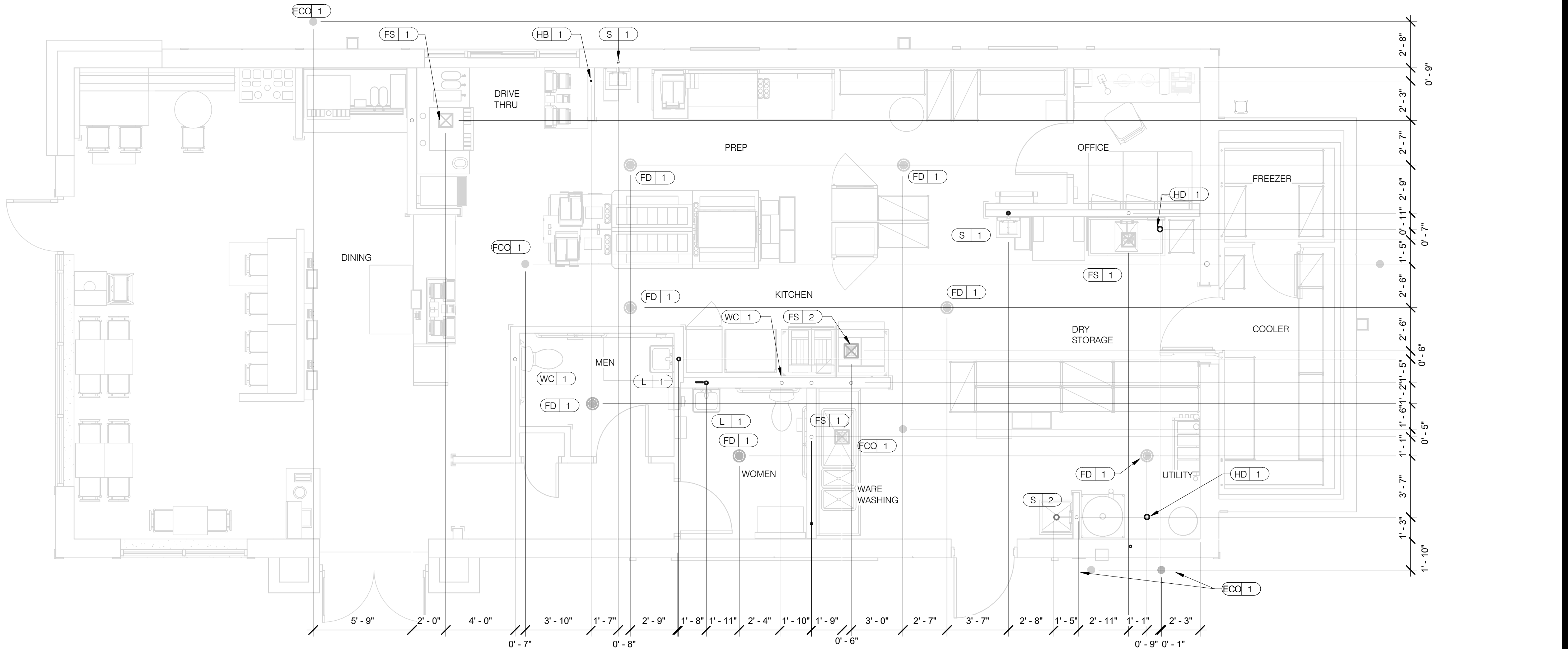
ENDEAVOR 2.0
WATER AND
GAS PLAN

P3.0

PLOT DATE: 5/19/2022 10:06:37 AM



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



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	C-107	REITHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REITHERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--					
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--					
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY	P-452	HOT WATER SYSTEM	CW	+24" A.F.F.	
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--					

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

PLUMBING ROUGH-IN SCHEDULE NTS 3

PLUMBING ROUGH-IN NOTES NTS 2

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

TACO BELL

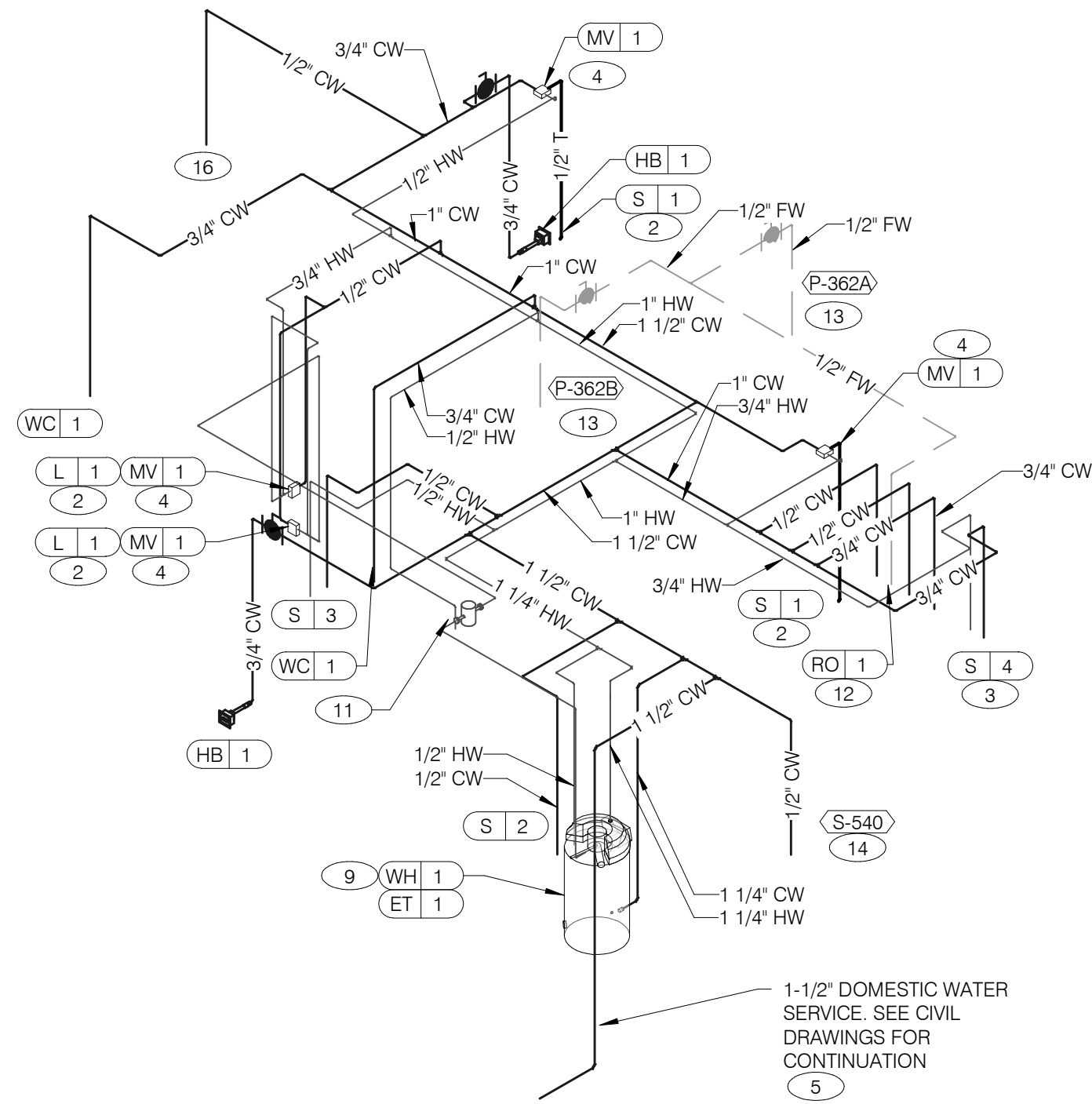
NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



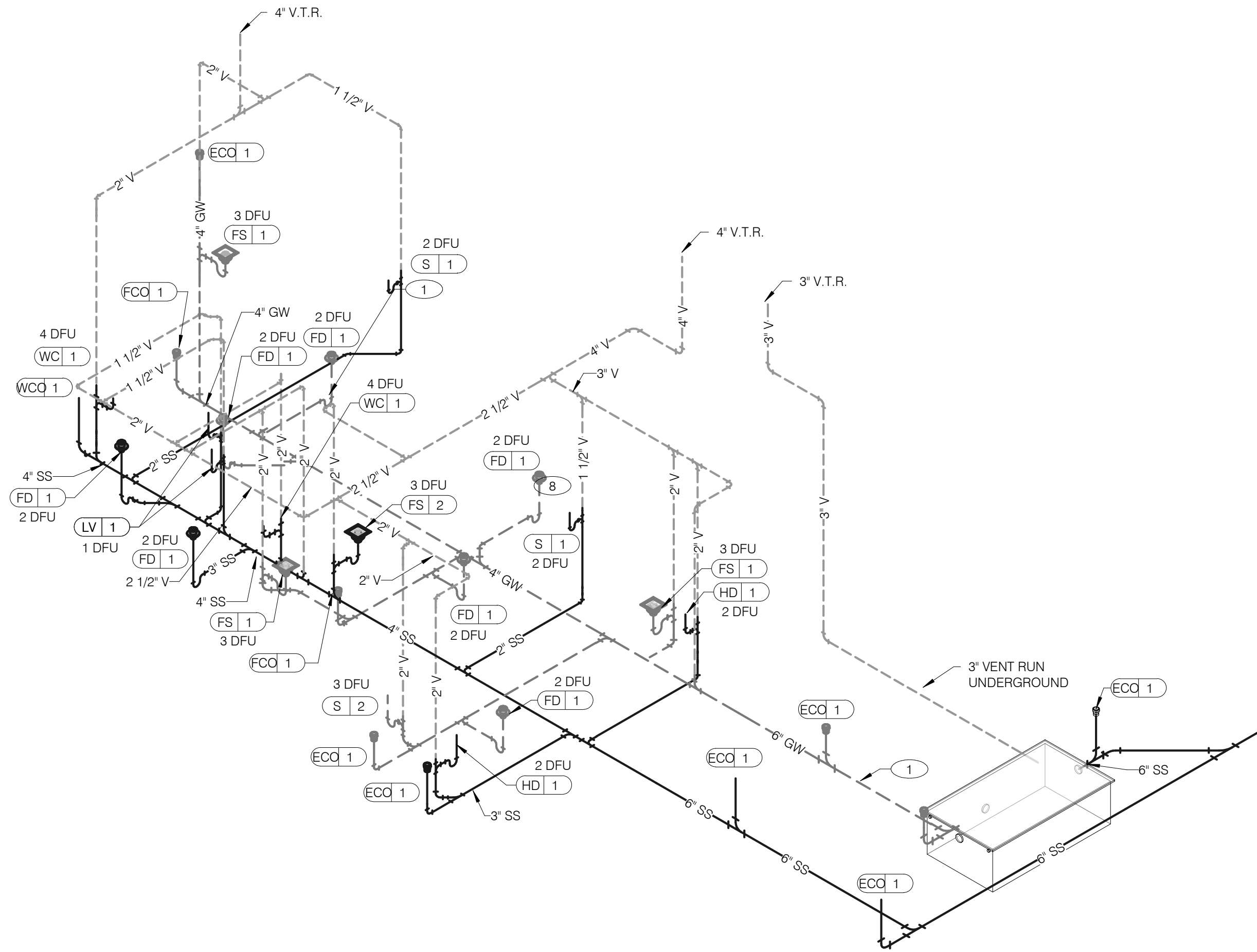
ENDEAVOR 2.0
PLUMBING
ROUGH-IN PLAN

P4.0

PLOT DATE: 5/19/2022 10:06:40 AM



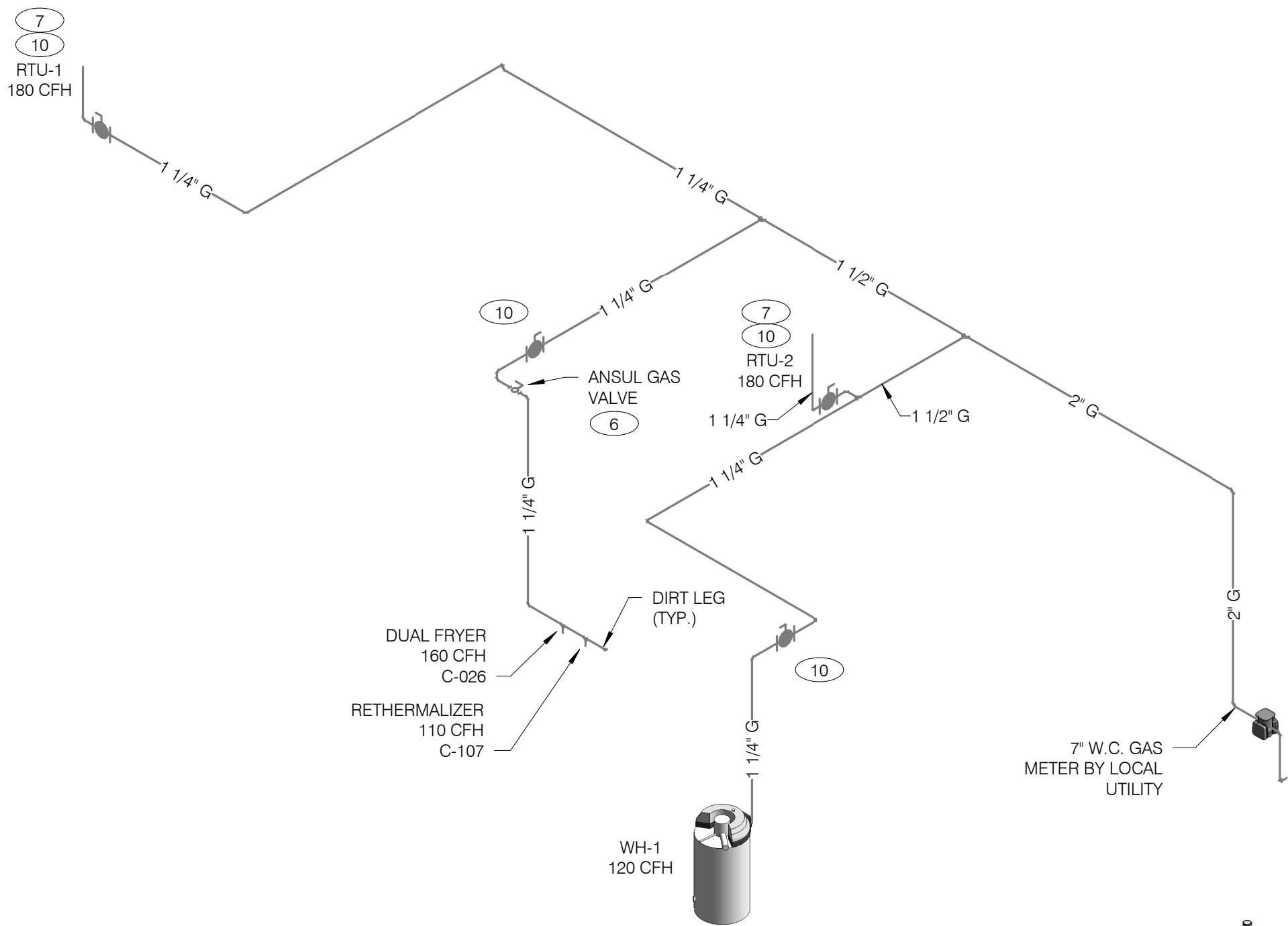
WATER ISOMETRIC NTS **4**



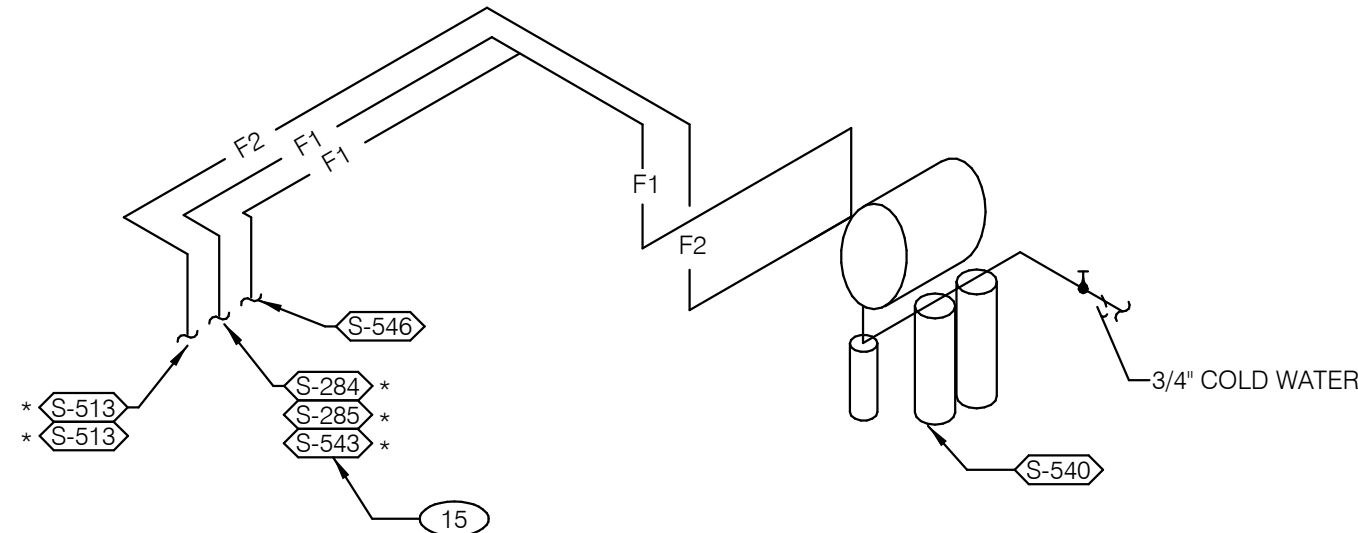
WASTE AND VENT ISOMETRIC NTS **1**

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, 7" W.C. OPERATING PRESSURE, AND 0.3" PRESSURE DROP.



GAS ISOMETRIC NTS **5**



FILTERED EQUIPMENT AND LINES:
S-540 - WATER FILTER

FILTERED LINE (COLD WATER)
S-513 - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER *
S-513 - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *
S-285 - DRIVE-THRU BEVERAGE DISPENSER *
S-284 - SELF-SERVE BEVERAGE DISPENSER *
S-546 - ICED TEA BREWER
S-543 - FROZEN BEVERAGE DISPENSER

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

FILTERED WATER ISOMETRIC NTS **2**

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

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

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

4 THERMOSTATIC MIXING VALVE.

5 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.

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

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

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

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

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

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

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

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

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

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

KEYNOTES - ISOMETRICS NTS **3**

DATE	REMARKS
2 05.13.22	NTP
3 05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711

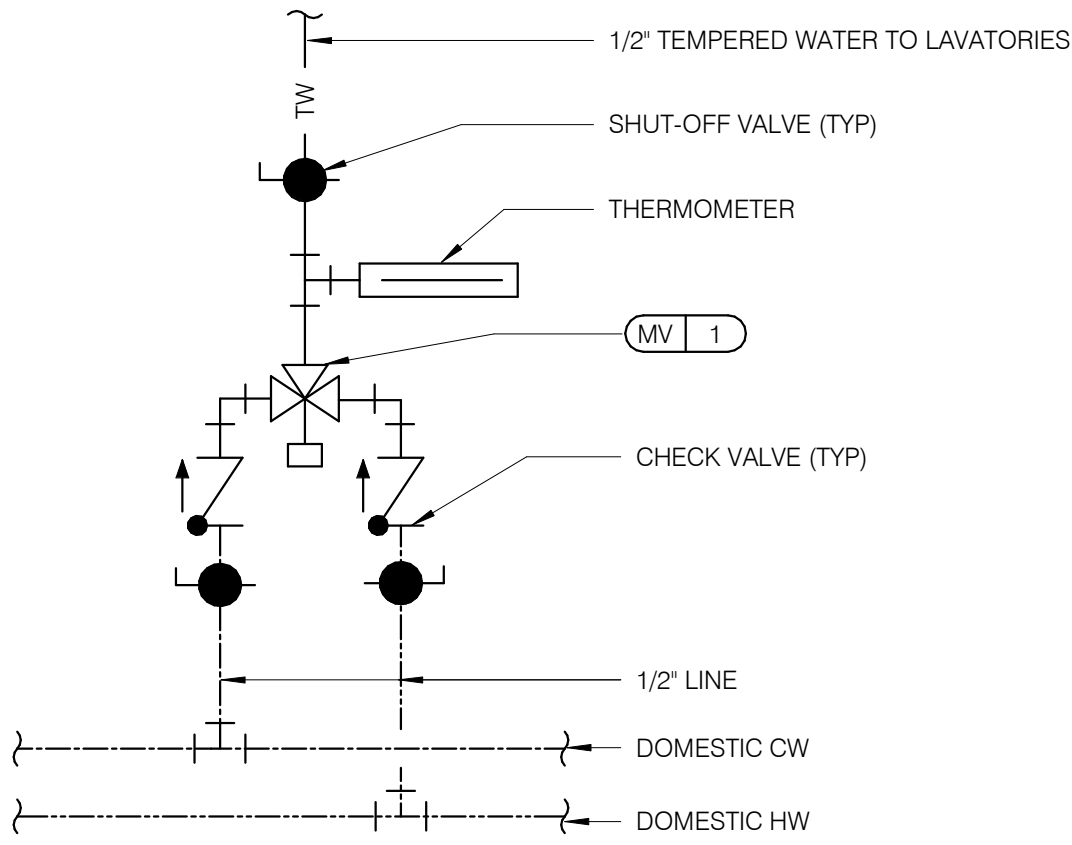


**ENDEAVOR 2.0
RISER
DIAGRAMS**

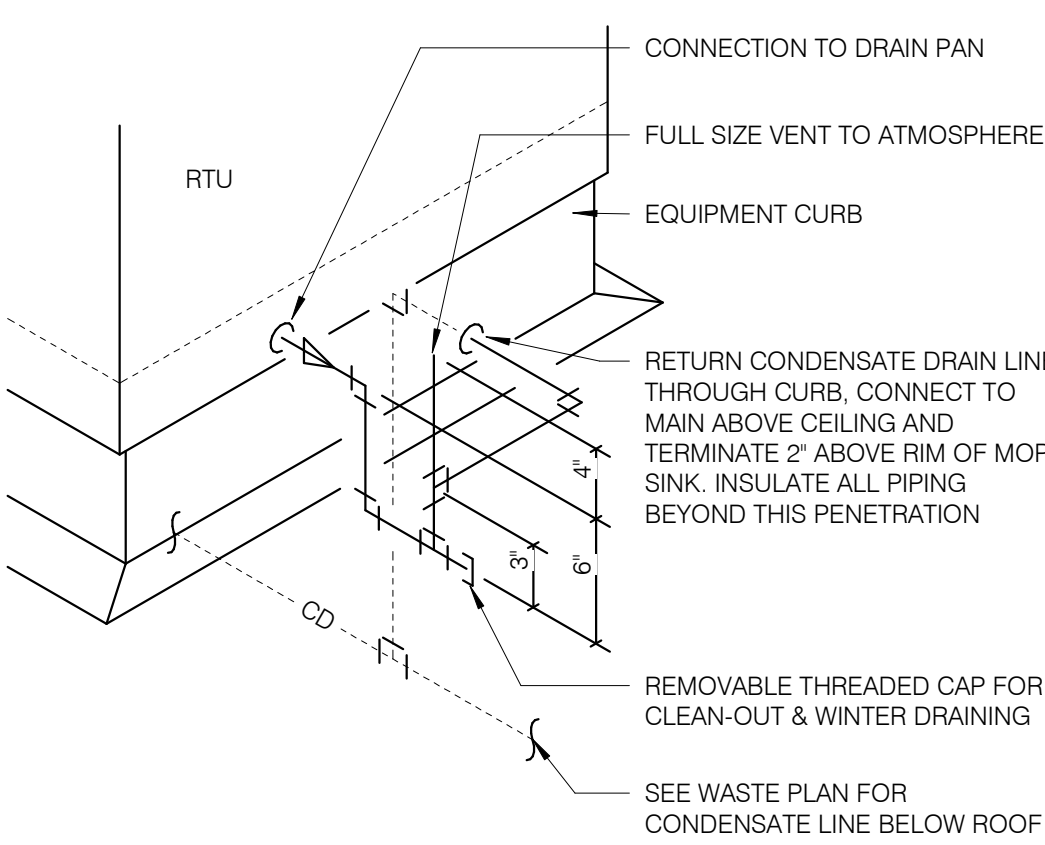
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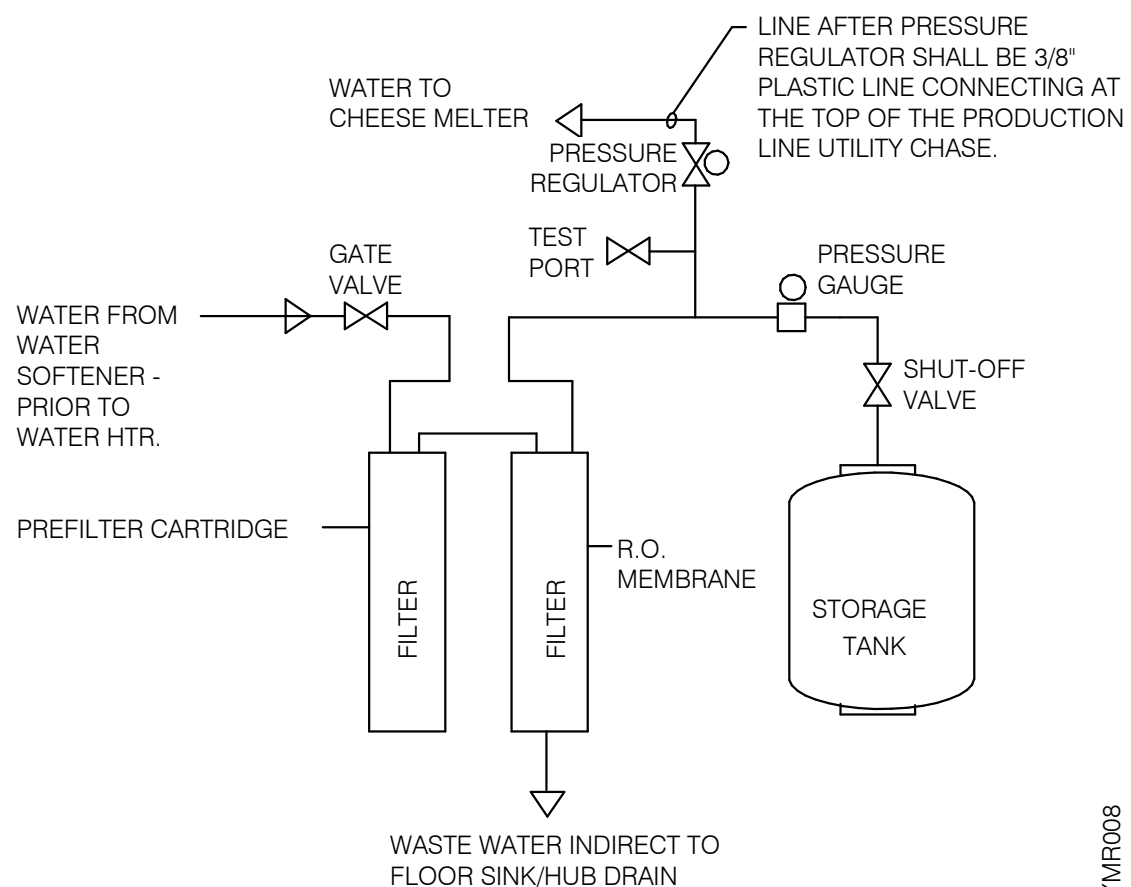
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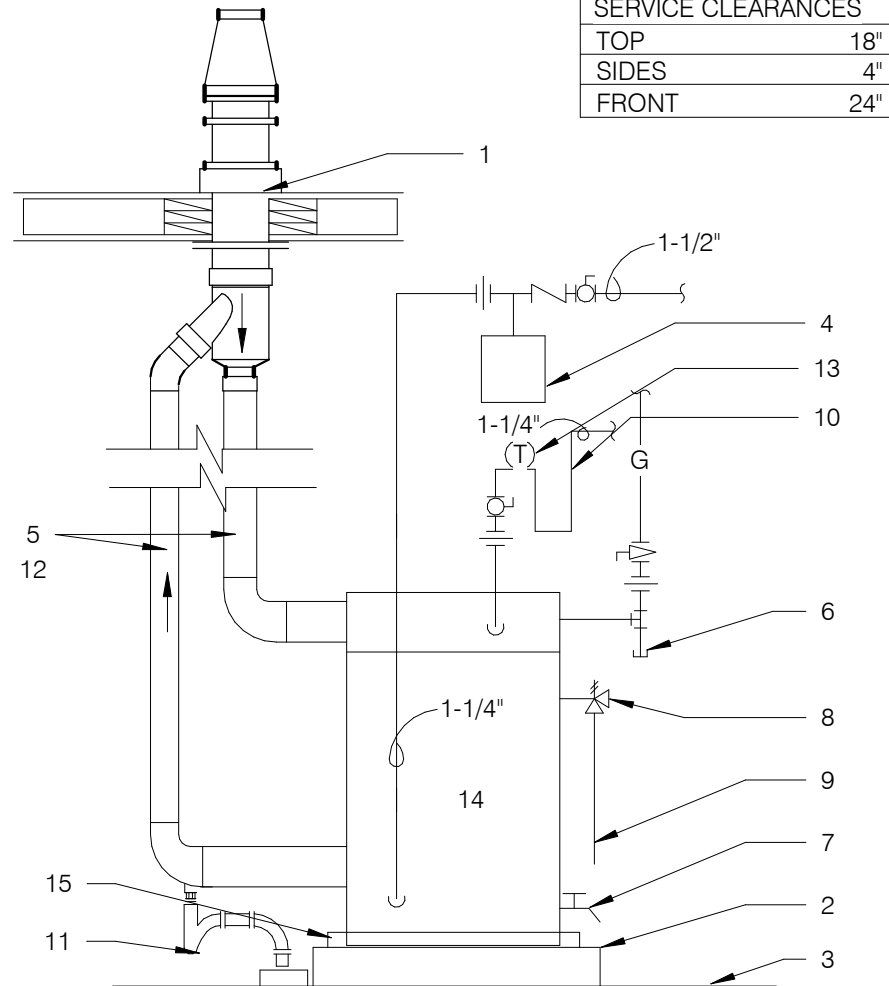
TEMPERING VALVE NTS 11



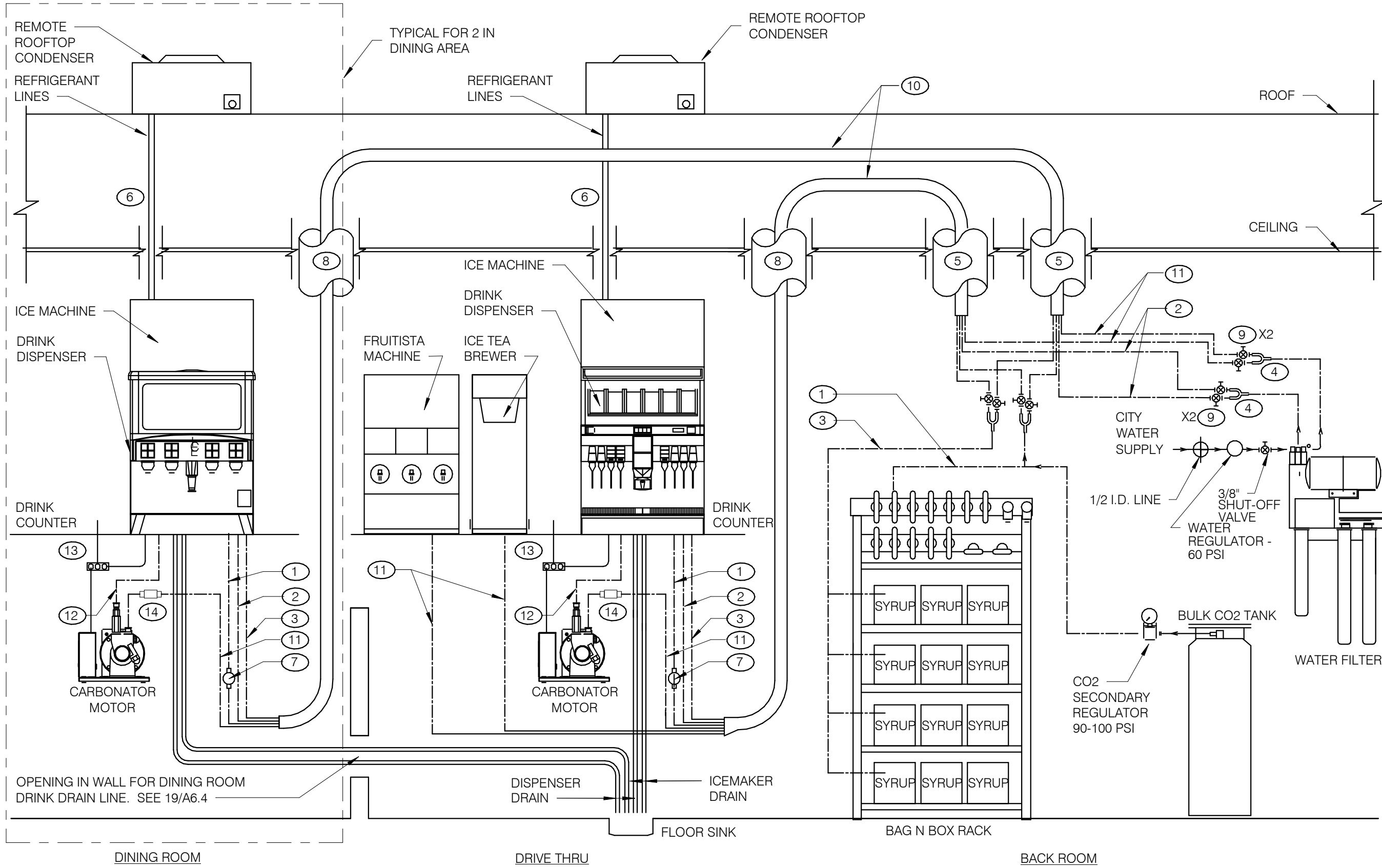
RTU CONDENSATE NTS 10



REVERSE OSMOSIS SYSTEM NTS 9

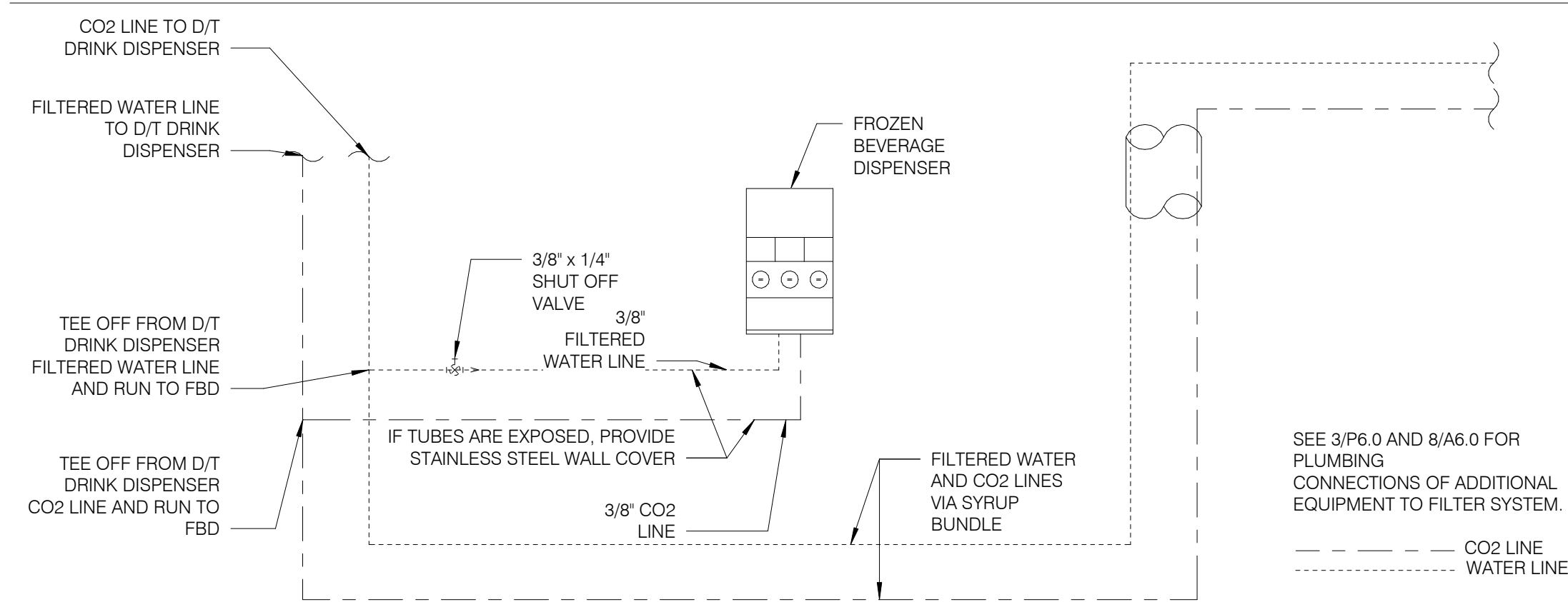


WATER HEATER NTS 2

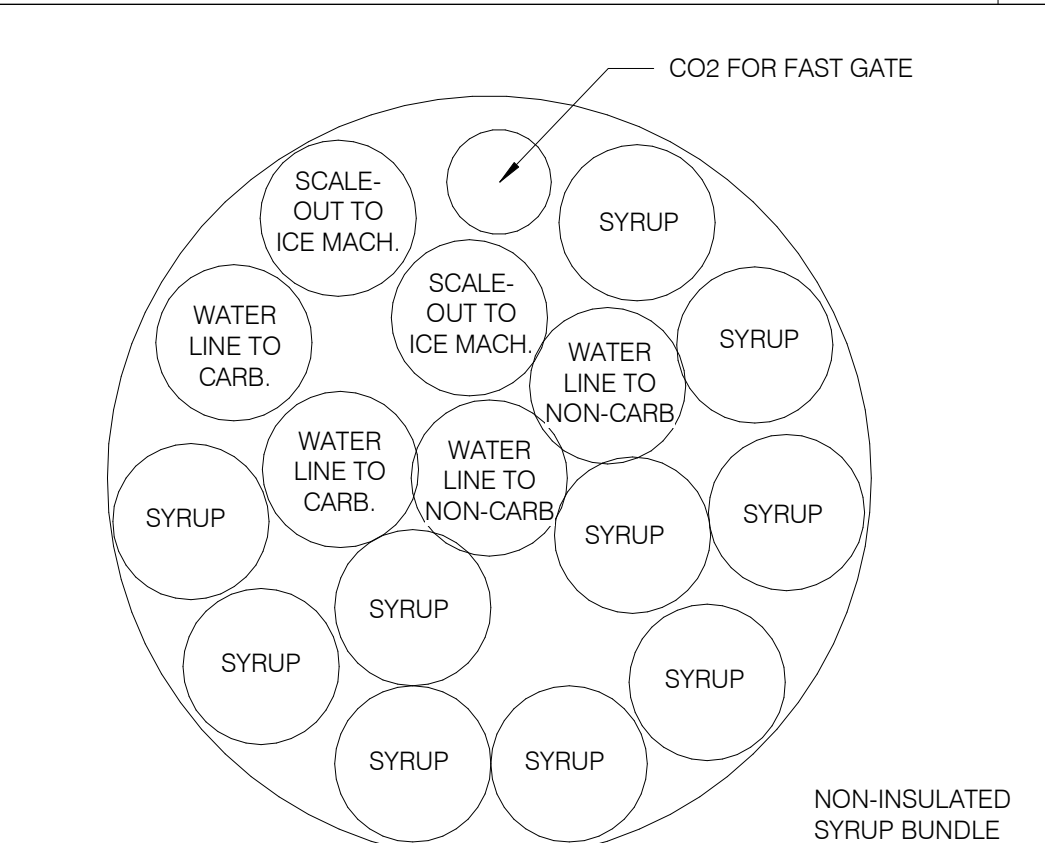


- KEY NOTES:
- 3/8" CO₂ LINE
 - 3/8" FILTERED WATER LINE - ICE MACHINES
 - 3/8" SYRUP LINES
 - 1/2 X 3/8 X 3/8 "Y"
 - BUNDLED TUBING CEILING PENETRATION.
 - STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - PRE-SET CO₂ REGULATOR
 - RECESSED 4" DIA. PVC VERTICAL CHASE FOR DRINK SYSTEM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

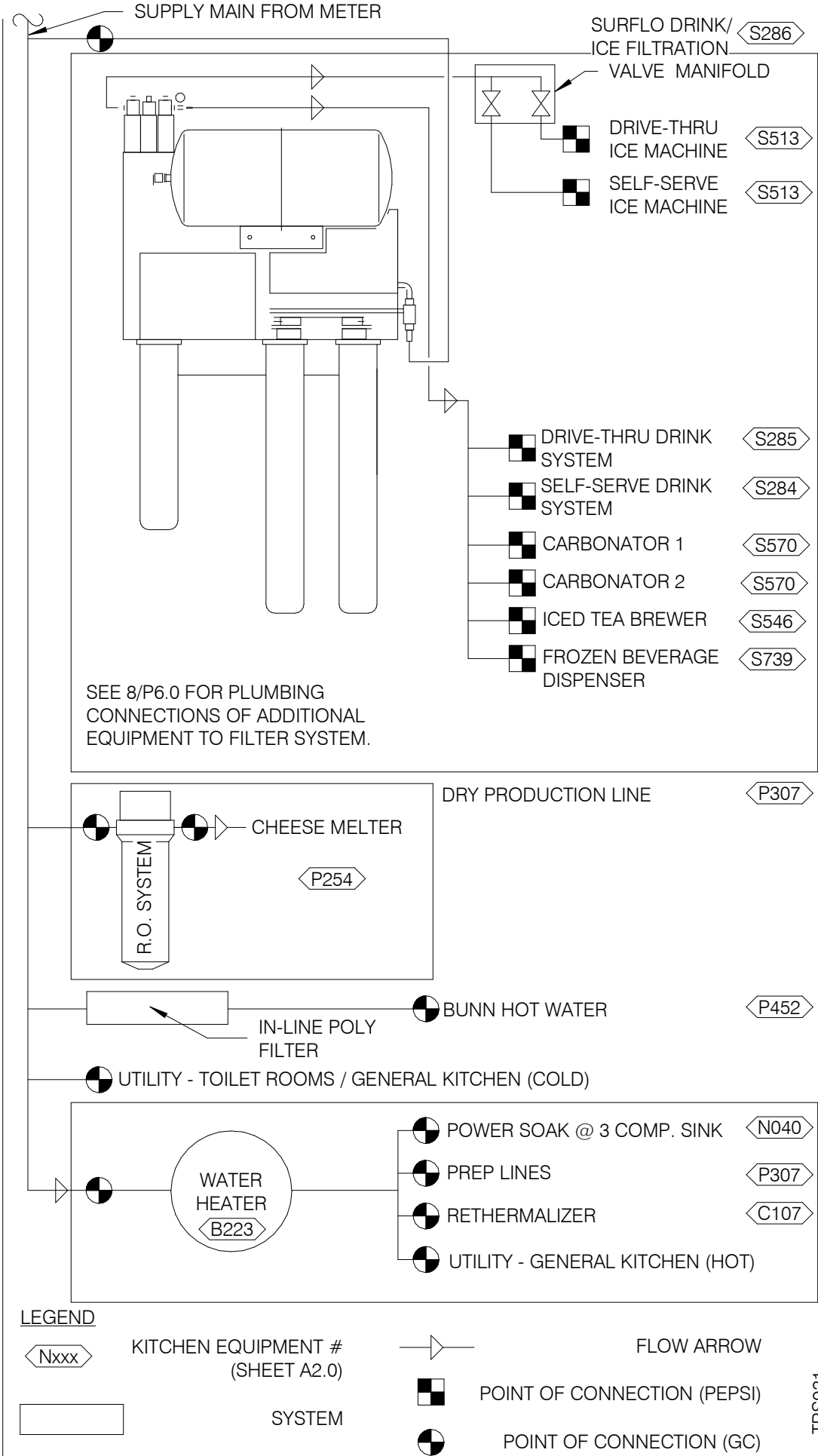
DRINK SYSTEM SCHEMATIC NTS 8



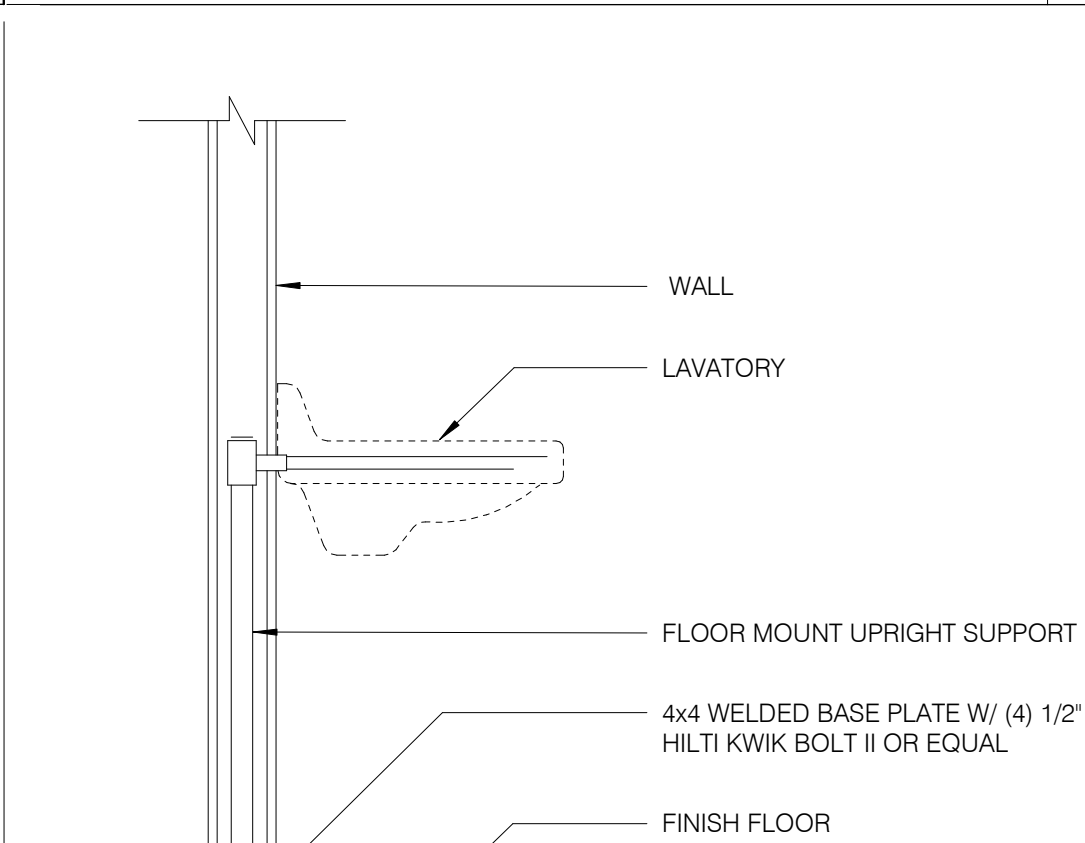
FBD DRINK SYSTEM DETAIL NTS 7



SYRUP BUNDLE CONFIGURATION NTS 6

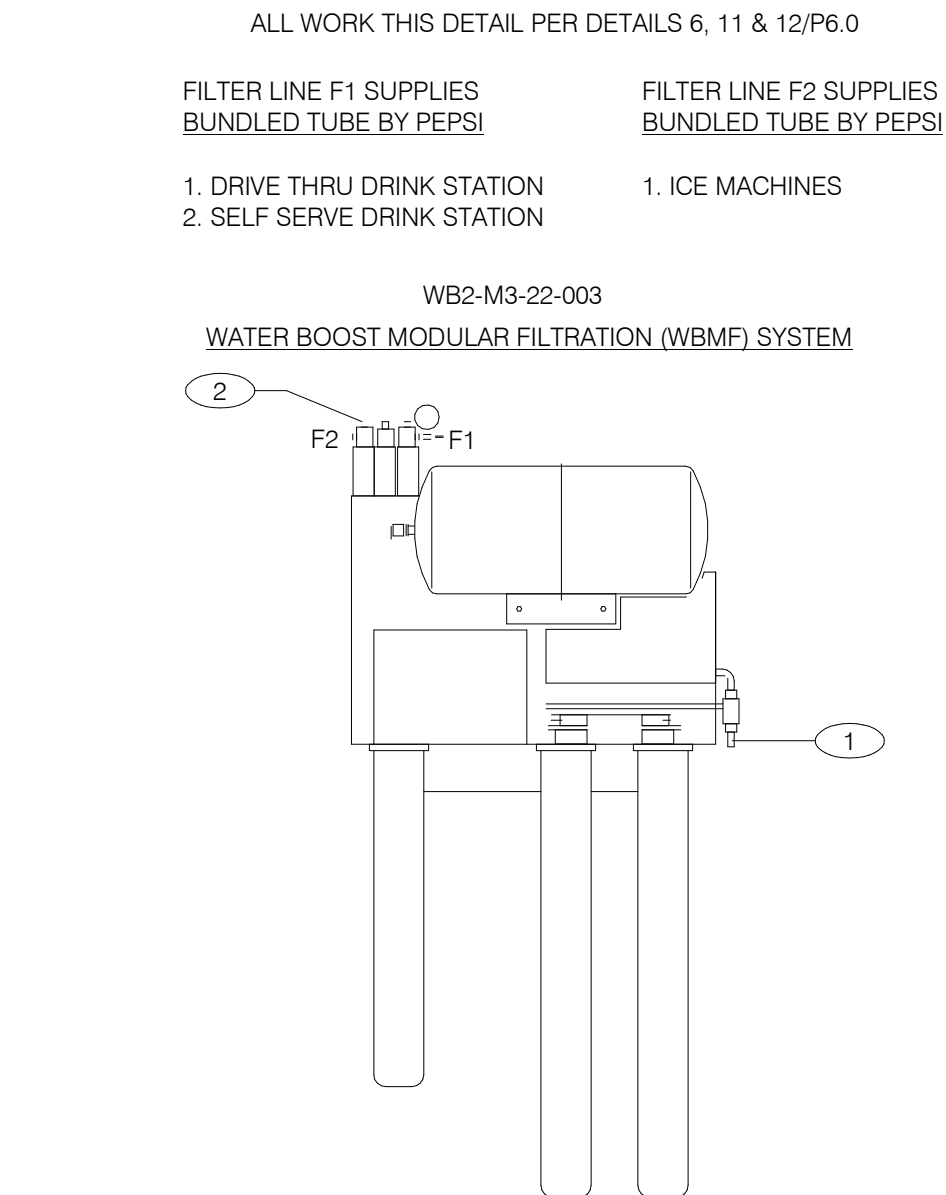


WATER FILTRATION SCHEMATIC NTS 3



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

GENERAL NOTES :

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

WATER FILTER SYSTEM NTS 1

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



ENDEAVOR 2.0
PLUMBING
DETAILS

P6.0

PLOT DATE: 5/19/2022 10:06:46 AM

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05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY.: AD

JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



P6.0

Standard RTU		Multi-Speed RTU		Reference #		Installation, Start Up and Pre-Commissioning Checklist						CA-Commissioning Agent Functional Verification (CA Contracted by Owner)					
						<div><input type="checkbox"/> = Responsible Party Initial When Completed</div>											
						GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	Remarks						
				1	PROCESS												
				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	Ductwork												
X	X			29	All ductwork and registers are installed per plan												
X	X			30	All starters and or take offs are radiused per plan.												
X	X			31	Ductwork from the exhaust register over production line to EF-2 fan base is 100% rigid per plan												
X	X			32	Balance dampers are in sleeves on 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	Economizer												
X	X			37	All mechanical components related to the economizer have been installed												
X	X			38	"Blank off" plate under economizer eyebrow has been installed												
X	X			39	Barometric relief damper operates freely												
X	X			40	Input sensors for the Economizer have been properly located and connected to the Economizer												
X	X			41	Economizer has been tested to perform "Free" cooling when ambient conditions are below 55 degrees												
X	X			42	Mechanical cooling stages on when Economizer cooling is not available												
X	X			43	Mechanical cooling stages on with the Economizer cooling when conditioned space temperature rises and requires two stage cooling												
X	X			44	Economizer damper positions to minimum damper position when set												
				45													
				46	Smoke Detectors												
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	Remote Smoke Detector Enunciators and Resets												
X	X			55	A remote smoke detector enunciator and reset has been installed in the managers office for each package unit												
X	X			56	RTU 1 supply side smoke detector alarm sets off the visual and audible remote												
X	X			57	After triggering RTU 1 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation												
X	X			58	RTU 1 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 1												
X	X			59	After triggering RTU 1 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation												
X	X			60	RTU 2 supply side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2												
X	X			61	After triggering RTU 2 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation												
X	X			62	RTU 2 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2												
X	X			63	After triggering RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation												
X	X			64	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed												
				65													
				66	Power Exhauster												
X	X			67	Power Exhauster has been installed												
X	X			68	Power Exhauster "On" setpoint has been set and turns on and off at correct economizer opening percentage												

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						GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	Remarks						
				69													
				70	Fire Supression System Shutdown												
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	Thermostat												
X	X			81	Thermostats are wired to package units per thermostat and unit wiring diagrams												
X	X			82	Package units equipped with two stage cooling have each cooling stage individually wired and 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												
X				87													
				88	Hoodstat												
X	X			89	Hoodstat has been installed in duct or hood per plan												
X	X			90	Hoodstat is wired to terminals TB2 of the TBCCB Control Box												
X	X			91	Hoodstat microswitch closes at 85 degrees												
				92													
				93													
				94	TBCCB & Interlock												
X	X			95	Unswitched power is provided to H=HOT and N=Neutral and G=Ground terminals in the TBCCB Control Box												
X	X			96	Hoodstat wires are landed on terminals TB2 of the TBCCB Control Box												
X	X			97	Low voltage wiring has been completed between RTU 1 and TB-1 of the TBCCB Control Box												
X	X			98	Low voltage wiring has been completed between RTU 2 and TB-1 of the TBCCB Control Box												
X	X			99	Photocell is wired to the TBCCB per detail												
X	X			100	Any optional switches, if used, have been installed to TBCCB per schematic												
X	X			101	"Occupied" and "Unoccupied" times for the building have been programmed into Channel/Switch 1 of the 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	Visual Verification												
X	X			106	Visual Verification installation certificate has been received for Smoke Detectors												
X	X			107	Visual Verification installation certificate has been received for Remote Smoke Detectors Enunciators and Resets												
X	X			108	Visual Verification installation certificate has been received for Thermostat and Remote Sensors installation												
X	X			109	Visual Verification installation certificate has been received for TBANS-1 installation												
X	X			110	Visual Verification installation certificate has been received for TBCCB												
X	X			111	Visual Verification installation certificate has been provided to designated authority (Owner, GC, Air Balancing Agency, Commissioning Agency)												
				112													
				113													
				114	Lighting												
X	X			115	Interior lights are wired through the TBCCB per plan and schematic												
X	X			116	Occupancy sensor controlled lighting installed in restrooms												
X	X			117	Daylighting and dimming box (DDCB-ACI) is installed in jurisdictions requiring daylight harvesting and or dimming of interior lights												
X	X			118	Photocell is wired to the TBCCB control box per plan and schematic												
X	X			119	Exterior lights are wired to the TBCCB control box per plan and schematic												
X	X			120	Sign lights are wired to the TBCCB control box per plan and schematic												
X	X			121	TBCCB timedclock is programmed to Taco Bell parameters												
X	X			122	Manual override of TBCCB control box timedclock activates lighting circuits												
				123													
				124	Commissioning												
X	X			125	All Visual Verification installation certificates have been received												
				126													
				127	Air Balance Supplement												
X	X			128	Balancing performed in accordance to ASHRAE Standard 111-2008, NEBB, TABB or AABC standards												
X	X			129	Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made												
X	X			130	Perform outside air adjustment after all other balance adjustments are complete												
X	X			131	Perform outside air adjustment at full evaporator fan speed operating point												
X	X			132	Perform outside air adjustment at medium fan speed operating point												
X	X			133	Perform outside air adjustment at low fan speed operating point												
X	X			134	Verify lobby doors closures have been adjusted for ADA compliance												
X	X			135	Verify lobby doors closure operation during full economizer function of both package units and note result in air balance report												
X	X			136	Verify pressure relief system operation in full economizer operation												
X	X			137	Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues. Note if no power exhauster is available.												
X	X			138	Provide copy of air balance report to Commissioning Agent												

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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
INSTALLATION
START-UP
PRE-COMM
CHECK LIST

SW2.0

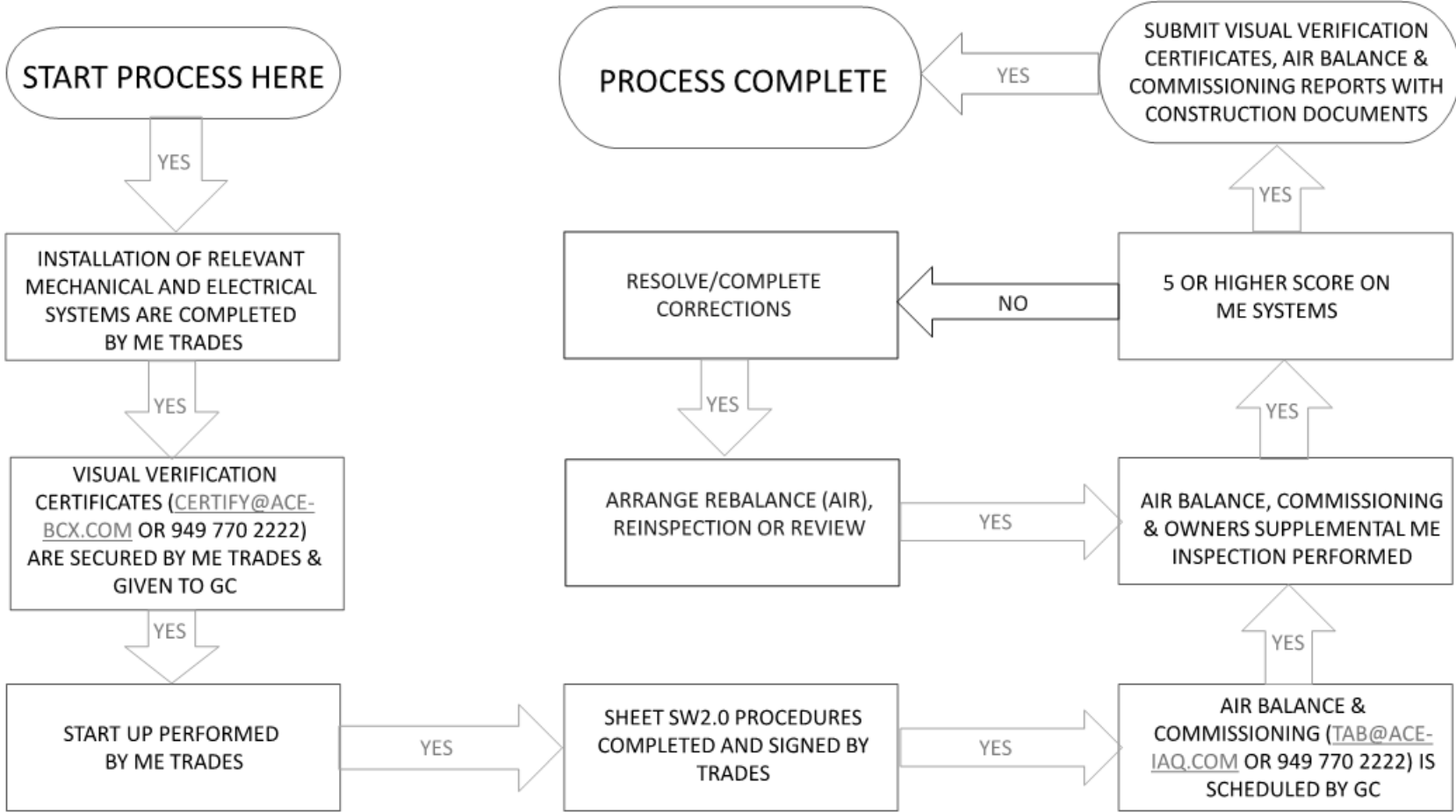
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GPD GROUP, INC.
LIC. # - 30920

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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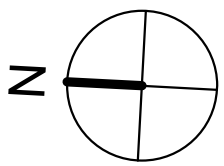
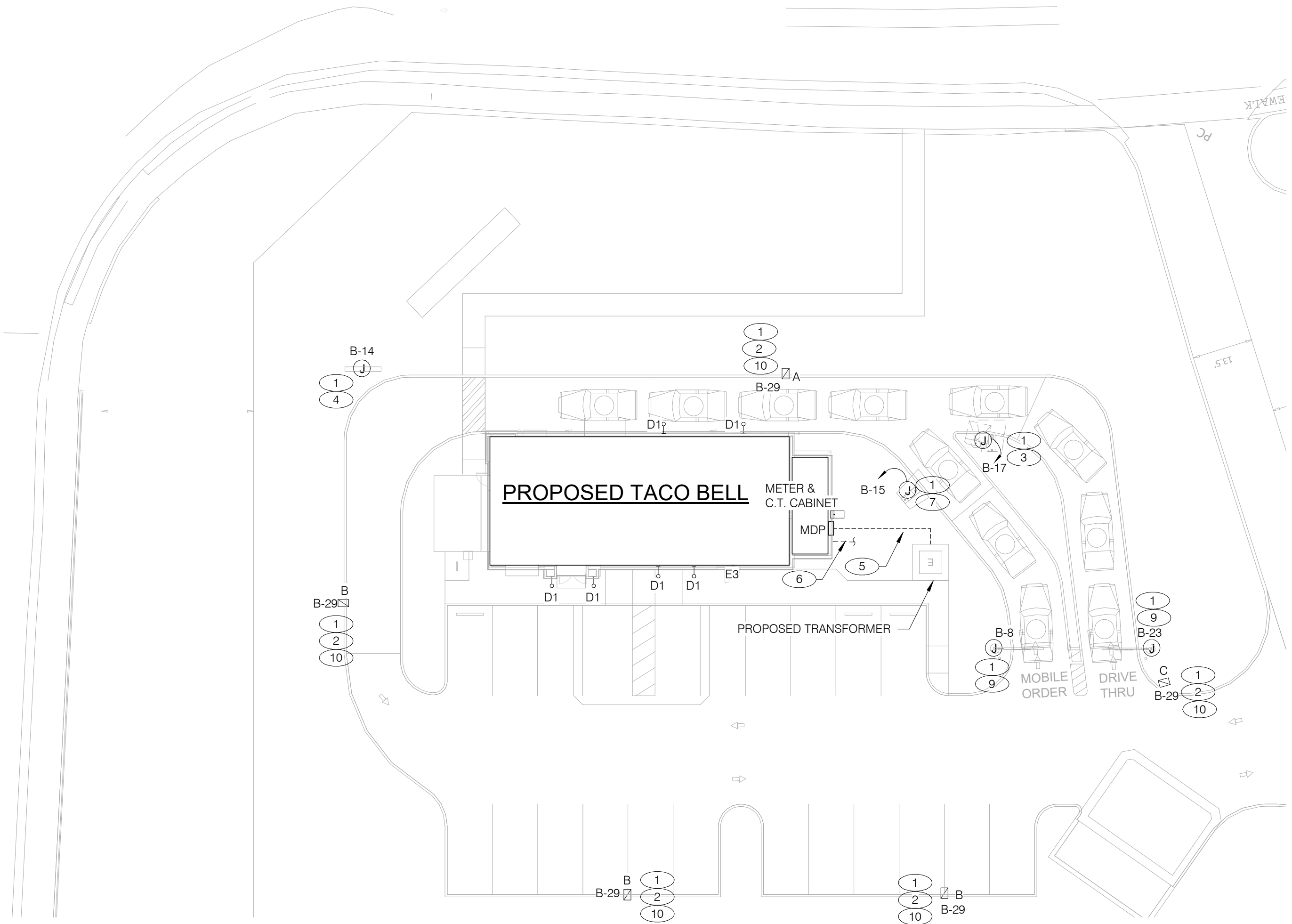
ENDEAVOR 2.0
BALANCING
AND
COMISSIONING
SEQUENCE

SW2.1



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LIC. # - 30920

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AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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 BY DEVELOPER.
- 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 PHOTOMETRIC DRAWING FOR ADDITIONAL INFORMATION.

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



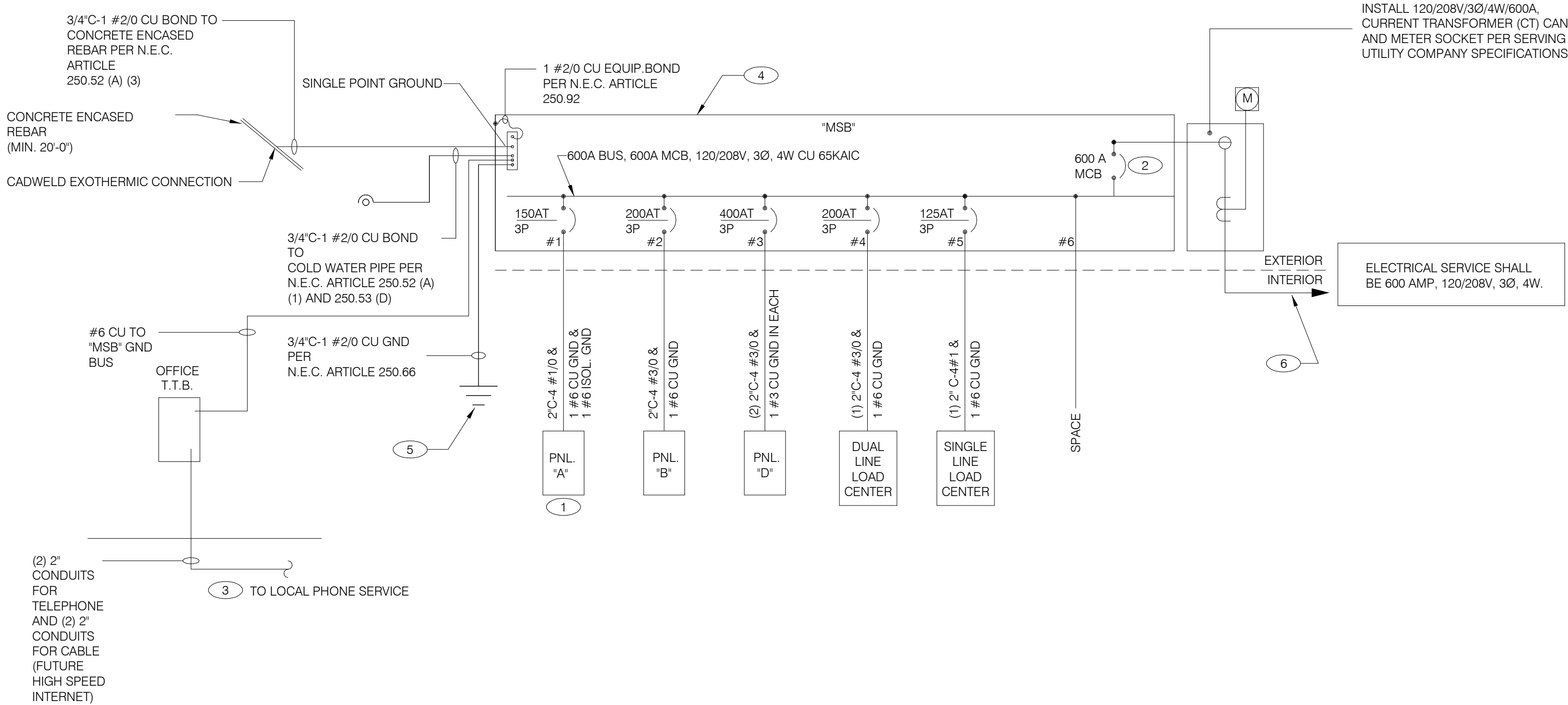
ENDEAVOR 2.0
SITE
ELECTRICAL
PLAN

E1.0



GPD GROUP, INC.
LIC. # - 30920

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



SINGLE LINE DIAGRAM

NTS

A

	2X4 LED FIXTURE	NL	NIGHTLIGHT
	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
	EXTERIOR DECORATIVE WALL FIXTURE
	WEATHERPROOF GROUND FAULT

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

- WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.
- PROVIDE 100% RATED MAIN CIRCUIT BREAKER IN MDP.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE AND 2" CONDUIT FOR FUTURE HIGH SPEED CABLE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.
- (3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250
- PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL CU. IN EACH OF (2) 3" 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 AL. 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
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315420
STORE NUMBER:	457313
PA/PM:	JW
DRAWN BY.:	AJR
JOB NO.:	2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND

E2.0

PLOT DATE: 5/19/2022 10:06:07 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	15294 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:						188431 VA	
Total Amps:						523 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: 188431 VA		
Lighting		7908 VA	125.00%	9885 VA	Total Est. Demand: 186348 VA		
Lighting - Exterior		500 VA	125.00%	625 VA	Total Conn. Current: 523 A		
Other		830 VA	100.00%	830 VA	Total Est. Demand Current: 517 A		
Power		111312 VA	100.00%	111312 VA			
Receptacle		6524 VA	100.00%	6524 VA			
Refrigeration		17379 VA	100.00%	17379 VA			
Notes:							

Panel: B															
Location: 120/208 Wye					A.I.C. Rating: SERIES										
Supply From: MSB					Mains Type: M.L.O.										
Mounting: Recessed					Mains Rating: 200 A										
Enclosure: Type 1					MCB Rating: N/A										
Notes:															
NOTES	CKT	Load Name	Trip	Poles	A		B		C		Poles	Trip	Load Name	CKT	NOTES
	1	DINING LTS	20 A	1	508 VA	1000...					1	20 A	EXTERIOR SIGNAGE	2	
	3	EXTERIOR SCONCE LTS.	20 A	1			360 VA	216 VA			1	20 A	UTILITY RECEIPT	4	GFCI
	5	KITCHEN/ BOH/ RESTROOM LTS	20 A	1					1224...	71 VA	1	20 A	EMERGENCY LTS INT/EXT, EXIT SIGNS	6	
	7	LTG - SHOW WINDOW	20 A	1	600 VA	500 VA					1	20 A	CLEARANCE BAR	8	
	9	LTG - SHOW WINDOW	20 A	1			600 VA	500 VA			1	20 A	TBCCB	10	
	11	LTG - COOLER & FREEZER	20 A	1					800 VA	500 VA	1	20 A	E1AN TBANS	12	
	13	EXTERIOR SIGNAGE	20 A	1	500 VA	500 VA					1	20 A	MONUMENT SIGN POWER	14	
	15	DIGITAL MENU BOARD/SPEAKER POST	20 A	1			360 VA	0 VA			1	20 A	Spare	16	
	17	SPEAKER POST	20 A	1					500 VA	0 VA	1	20 A	Spare	18	
	19	CANOPY LIGHTING	20 A	1	200 VA	0 VA					1	20 A	Spare	20	
	21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	22	
	23	CLEARANCE BAR	20 A	1					500 VA	0 VA	1	20 A	Spare	24	
	25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26	
	27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28	
	29	LTG - SITE LIGHTING	20 A	1					1575...	0 VA	1	20 A	Spare	30	
	31	EF-1	20 A	1	1120...	0 VA					1	20 A	Spare	32	
	33	EF-2	20 A	1			660 VA	1500...			1	20 A	PURPLE WALLWASH LIGHTS	34	
	35	Spare	20 A	1					0 VA	1000...	1	20 A	PURPLE WALLWASH LIGHTS	36	
	37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38	GFCI
	39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40	GFCI
	41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42	GFCI
Total Load:					4928 VA		4196 VA		6170 VA						
Total Amps:					42 A		35 A		52 A						
Legend:															
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
Other			830 VA		100.00%		830 VA								
Power			2860 VA		100.00%		2860 VA		Total Conn. Load: 15294 VA						
Lighting			7908 VA		125.00%		9885 VA		Total Est. Demand: 17396 VA						
HVAC			1780 VA		100.00%		1780 VA		Total Conn. Current: 42 A						
Receptacle			1416 VA		100.00%		1416 VA		Total Est. Demand Current: 48 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
	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	GF	
	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
ST - SHUNT TRIP
HL-ON - HANDLE-LOCK ON DEVICE
HL-OFF - HANDLE-LOCK OFF DEVICE
EPD - EQUIPMENT PROTECTION DEVICE
IG - ISOLATED GROUND

NOTE

PARKING LOT LIGHTING AND SIGNAGE
SHALL PASS THROUGH TBCCB

NOTE TO CONTRACTORS

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

GENERAL NOTE:

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

KEY NOTES:

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

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TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
ELECTRICAL
SCHEDULES

E



GPD GROUP, INC.
LIC. # - 30920

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

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT IDENTIFICATION			EQUIPMENT ELECTRICAL CHARACTERISTICS					EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT					
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/RUA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEW/	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"	CU	ST	C&P	20	5-20	ES	ES	2
B-381	O	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
C-026	KR	FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	1,2
C-107	O	RETHEMALIZER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	1,2
C-400	O	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	15	5-15	ES	ES	2
DCUL	O	DUAL COOK LINE	208 V/3-8200 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"	CU	ST	DIRECT	20	1	ES	ES	8
F-040	O	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
F-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
F-090	O	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
F-174	O	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
IR-01	O	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	DIRECT	20	1	ES	ES	8
L-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"	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"	CU	ST	C&P	20	5-20	ES	ES	2
N-043	KR	POWER SOAK	208 V/2-4740 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"	CU	ST	DIRECT	20	J-BOX	ES	ES	8
N-044	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
P-417	O	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"	CU	ST	C&P	30	6-30	ES	ES	2
R-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-204	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-289	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-200 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	15	5-15	ES	ES	2
S-540	O	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-544	O	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-546	O	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-550	O	BAG IN BOX RACK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	15	5-15	ES	ES	2
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"	CU	ST	C&P	30	6-30	ES	ES	2
SCL	O	SINGLE COOK LINE (OPTIONAL)	208 V/3-2880 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"	CU	ST	C&P	20	5-20	ES	ES	2
U-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
U-061	O	RECEIPT PRINTER		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
U-062	O	DRIVE-THRU CREDIT CARD READER	120 V/1-500 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
U-070	O	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	C&P	20	5-20	ES	ES	2
W-X1	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"	CU	ST	DIRECT	20	J-BOX	ES	ES	2

TYPE: H-HEATING, C-COOLING, KR-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER
DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, L&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	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	
	11	CONVENIENCE RECEPTACLES	20 A	1			360 VA	1560...				12	
	13	GENERAL PURPOSE RECEPTACLES	20 A	1	1440...	1600...						14	
GF	15	DRINK FOUNTAIN - S-284 AND S-513	20 A	1		1254...	1600...		2	20 A	ICE MAKER CONDENSER D/T	16	
	17	ICE MAKER CONDENSER	20 A	2	1600...	1600...	1600...	1600...	2	20 A	ICE MAKER CONDENSER	18	
GF	21	S-550 BAG IN BOX RACK	20 A	1		564 VA	2370...		2	20 A	POWER SOAK	22	
	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...	3	15 A	WALK-IN COOLER	28	
	29							5040...		1200...		30	
	31				5040...	1200...				32			
	33	RTU-2	90 A	3			5040...	1393...	3	20 A	WALK-IN FREEZER	34	
	35							5040...				1393...	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:

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

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22

BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021

BRAND DESIGNER: DICKSON

SITE NUMBER: 315420

STORE NUMBER: 457313

PA/PM: JW

DRAWN BY: A.I.R.

JOB NO. 2021088 46

TACO BELL

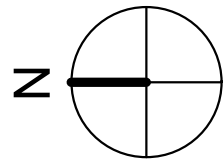
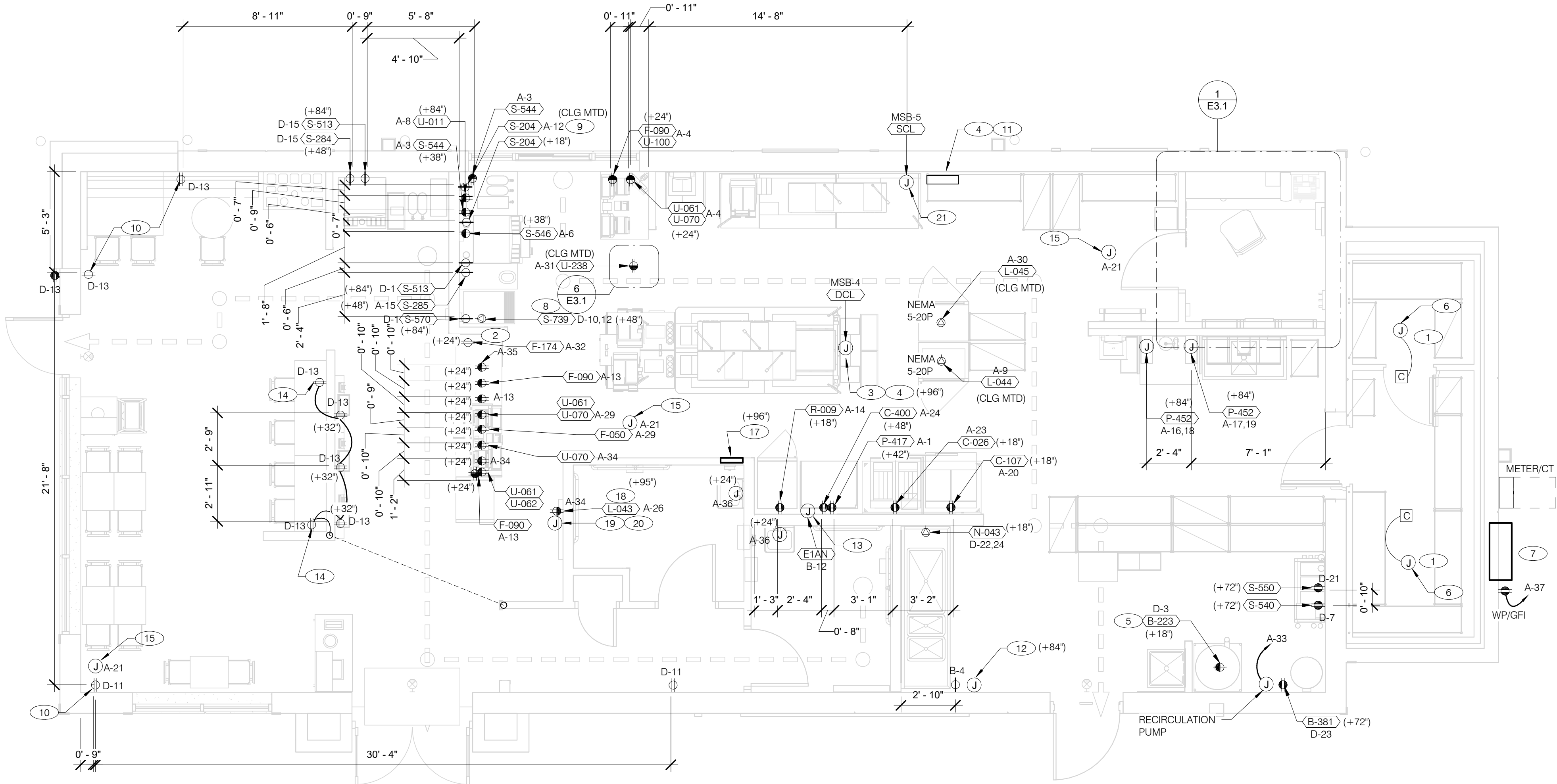
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Clermont, FL 34711



ENDEAVOR 2.0 ELECTRICAL SCHEDULES

E2.2

PLOT DATE: 5/19/2022 10:06:10 AM



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.

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

- A.

ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B.

ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C.

ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.
- D.

CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- F.

LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G.

FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURERS SHOP DRAWINGS.
- H.

ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.
- I.

CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J.

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

PER SECTION 210.8 NEC 2020, ALL SINGLE PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS SHALL HAVE GFCI PROTECTION FOR PERSONNEL AS REQUIRED.
- 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

KEY NOTES - ELECTRICAL POWER PLAN NTS

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



**ENDEAVOR 2.0
ELECTRICAL
POWER PLAN**

E3.0

PLOT DATE: 5/19/2022 10:06:13 AM

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.

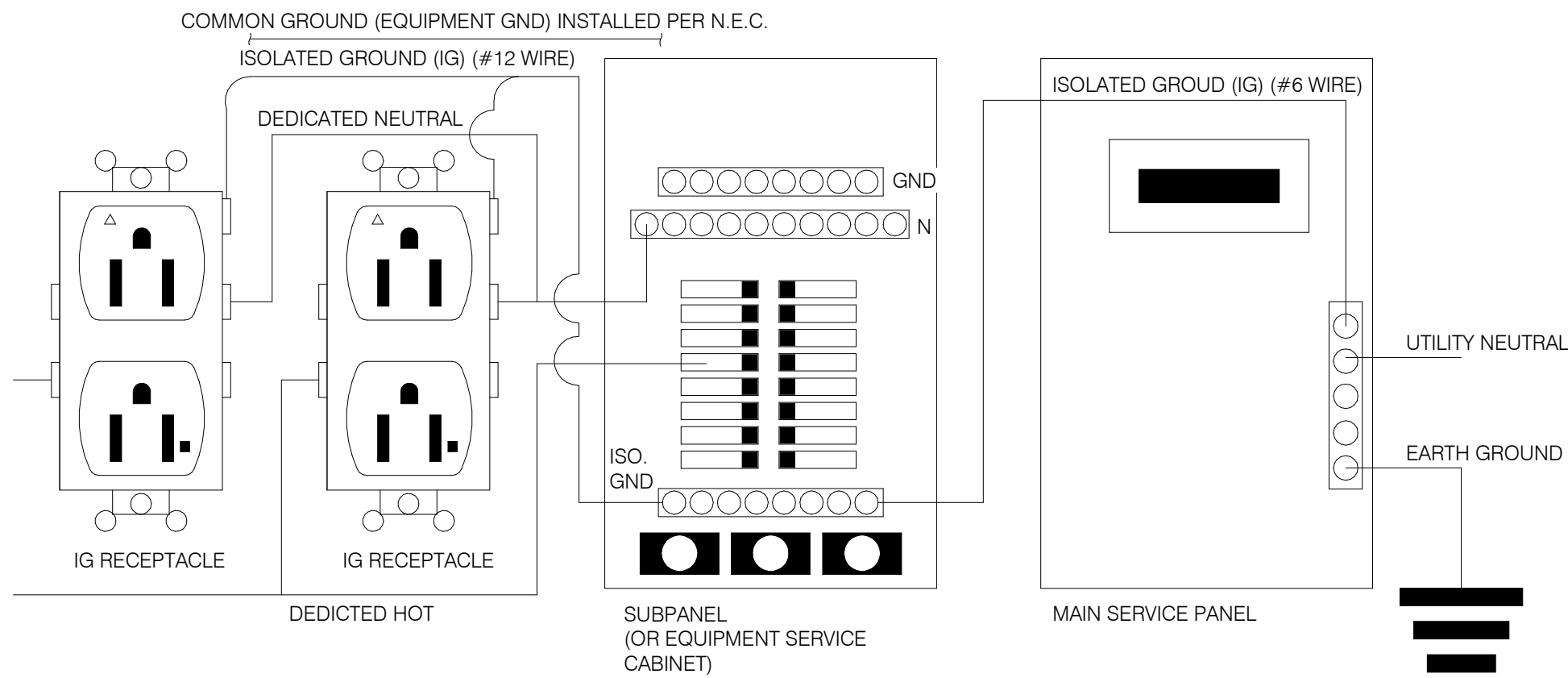
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

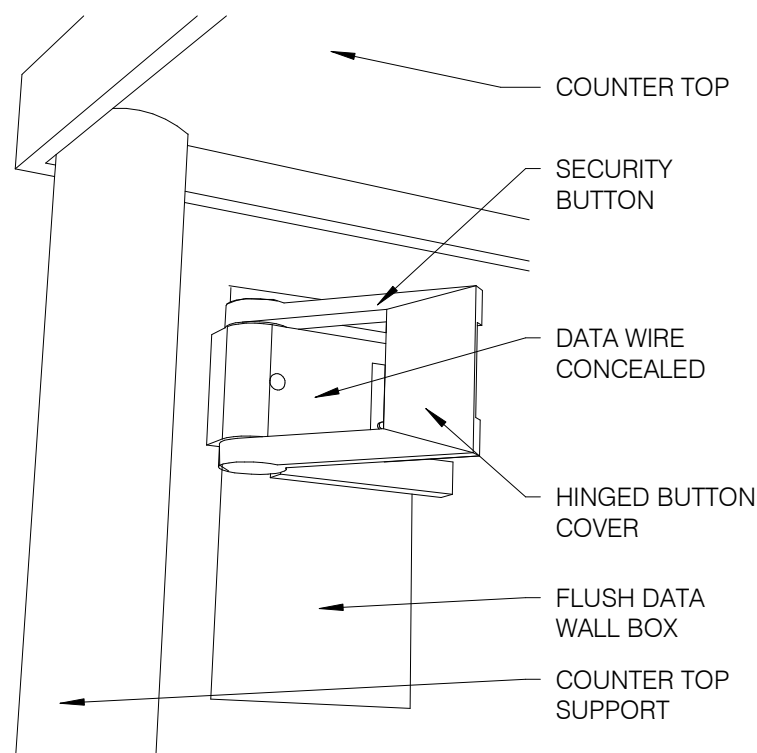
- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY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

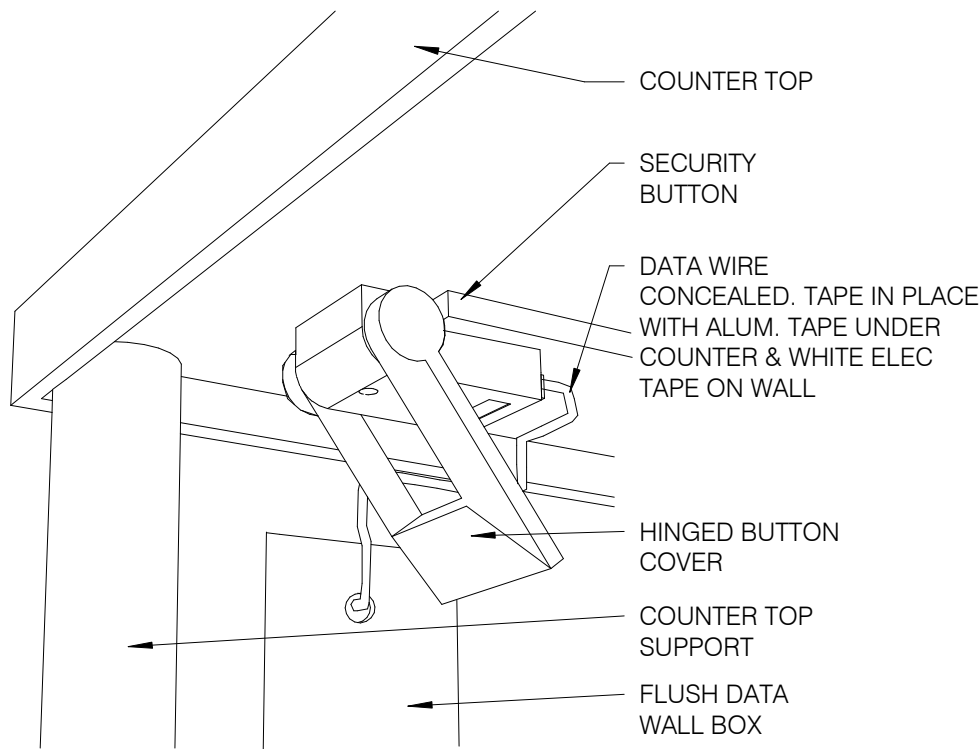


NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS



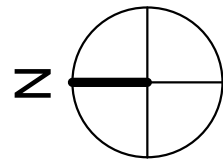
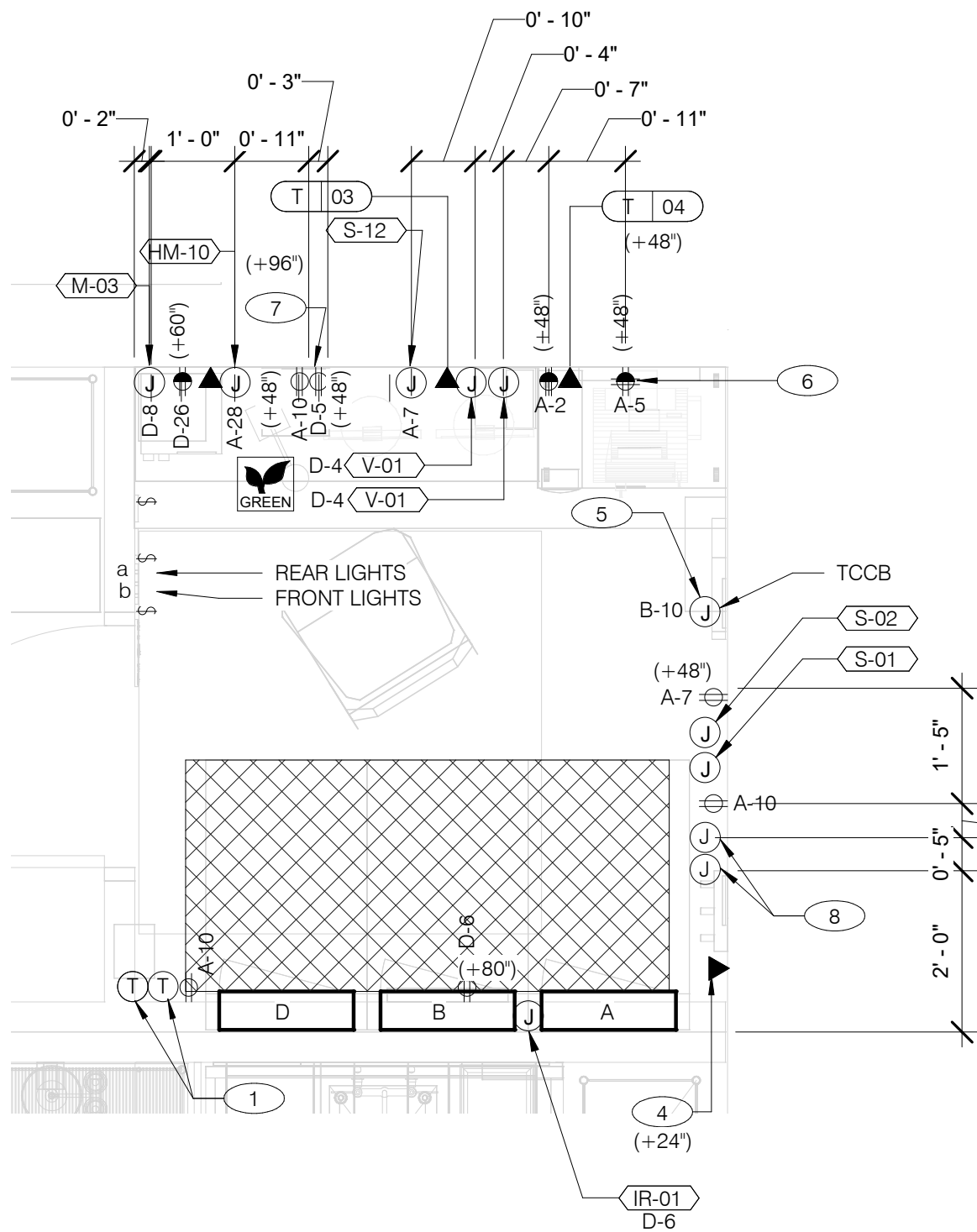
SECURITY BUTTON ON WALL NTS

3



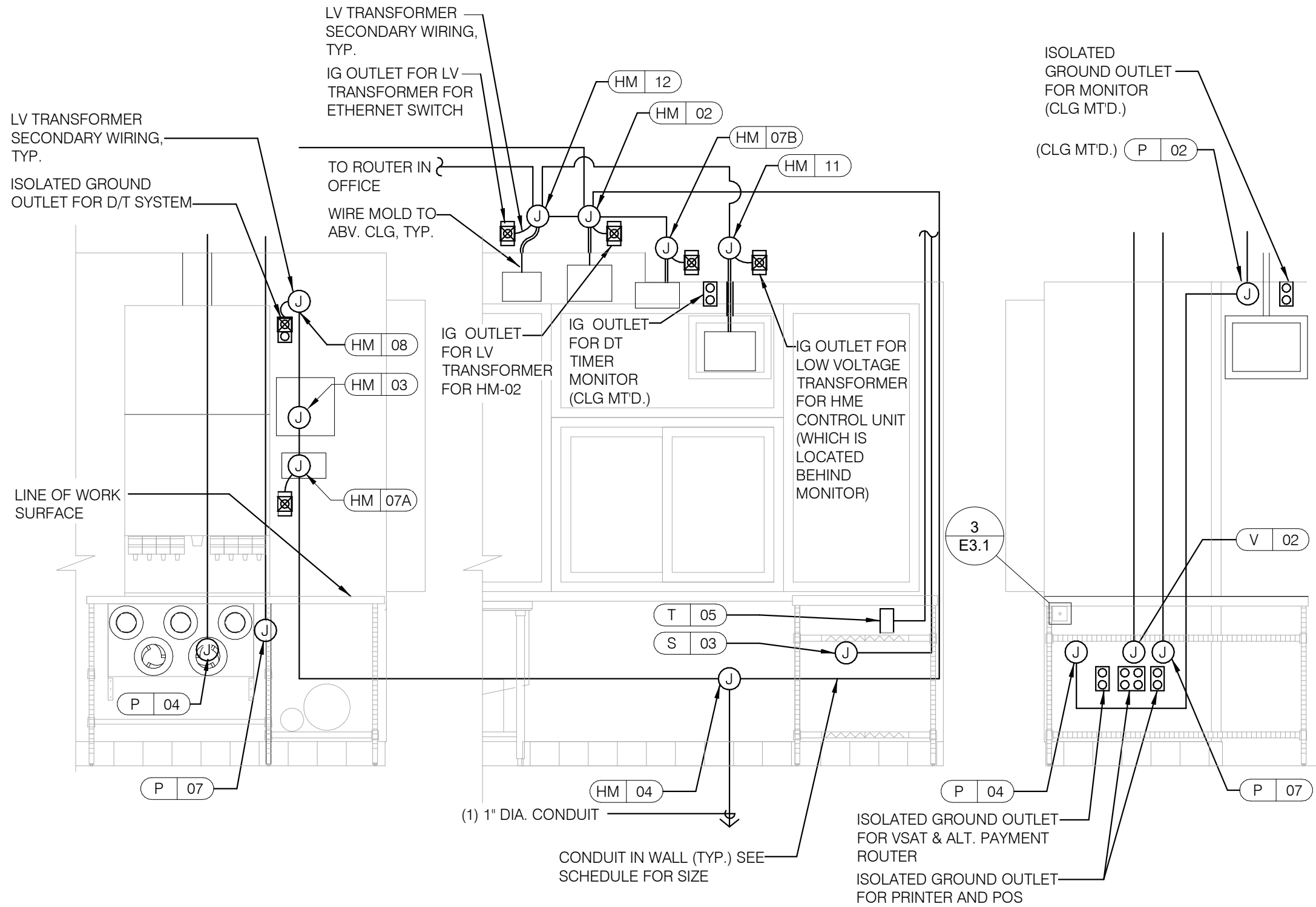
SECURITY BUTTON UNDER COUNTER NTS

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
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

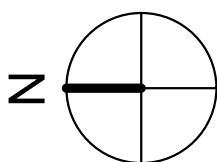
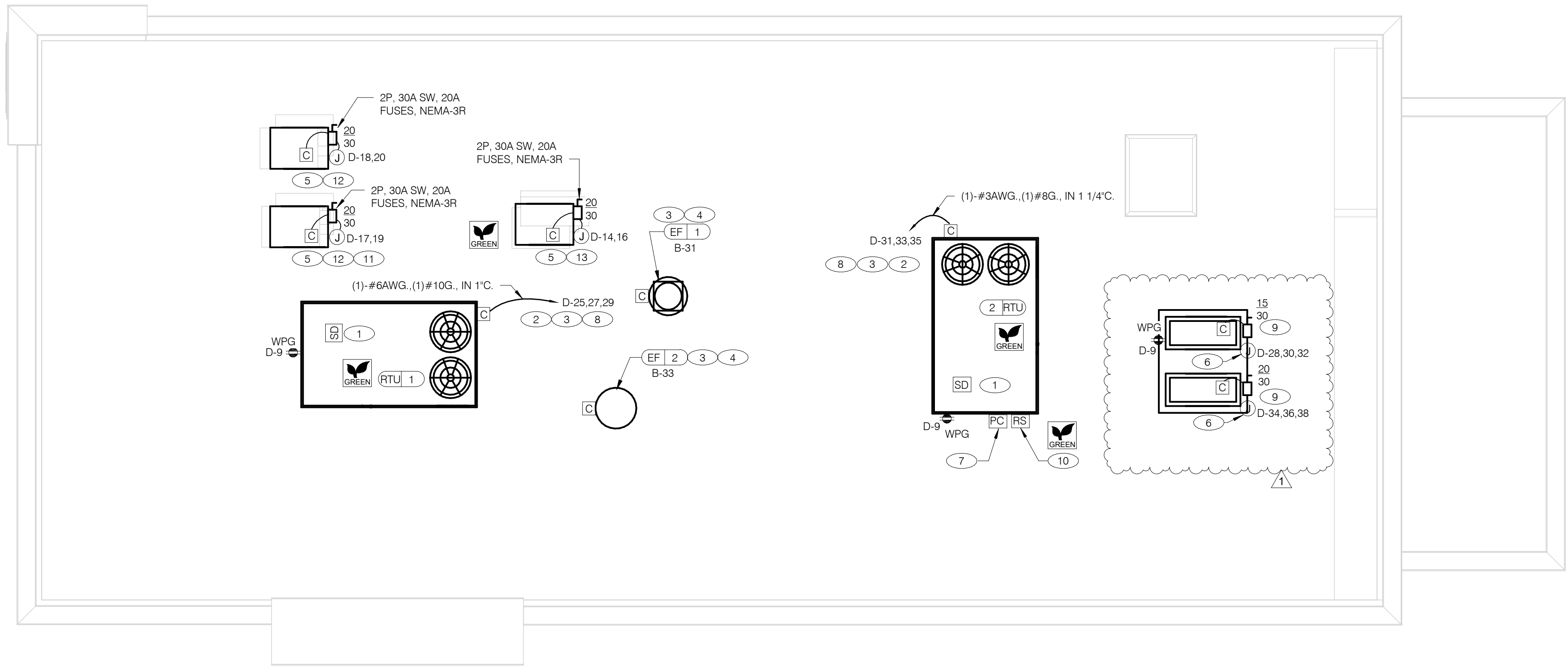
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Clermont, FL 34711



ENDEAVOR 2.0
ENLARGED
POWER PLAN
AND DETAILS

E3.1

PLOT DATE: 5/19/2022 10:06:15 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 ENNUNCIATOR. TEST AND RESET DEVICE IN MANAGER OFFICE. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY NECESSARY CONDUITS FOR LOW VOLTAGE WIRING.
- 2 SPECIFIED RTU IS SUPPLIED WITH UNPOWERED, WEATHERPROOF GFCI 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.

	DATE	REMARKS
1	05.11.22	Building Comments
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
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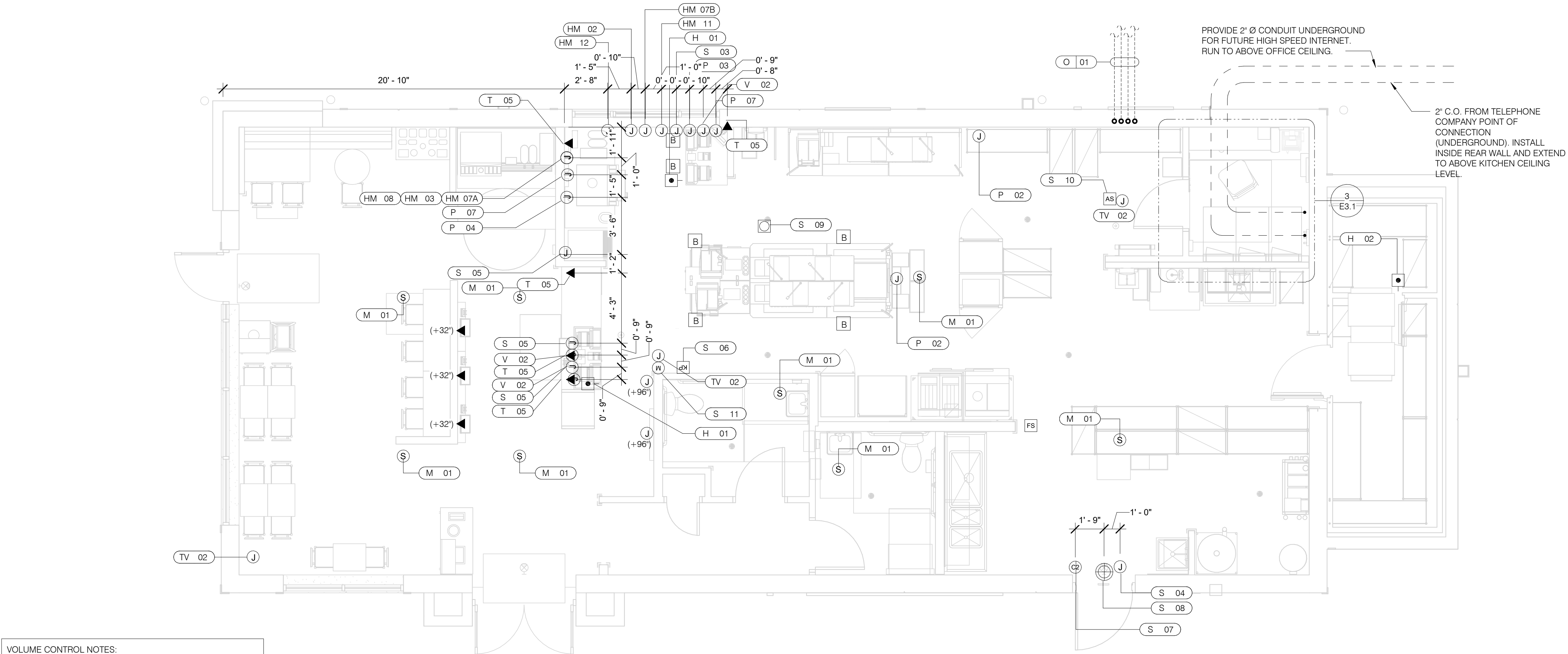
**ENDEAVOR 2.0
ELECTRICAL
POWER ROOF
PLAN**

E3.2

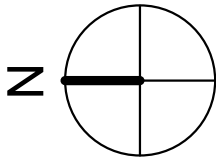


GPD GROUP, INC.
LIC. # - 30920

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AKRON, OH 44311
330.572.2100 FAX: 330.572.2102



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



COMMUNICATIONS PLAN

1/4" = 1'-0"

A

COMMUNICATIONS LEGEND		NTS	C
HOLD-UP BUTTON (MOUNT 2-1/2" BEHIND COUNTER EDGE)	DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)		
MUSIC SYSTEM SPEAKERS	"SOUND ALERT" DEVICE		
SECURITY STROBE	KEYPAD (MTD AT 48" A.F.F.)		
J-BOX	ALARM SIREN ABOVE CLG		
2' x 4" J-BOX W/ DATA PORTS	BUMP PAD (MOUNT AT FRONT COUNTER)		
MOTION DETECTOR	HOOD FIRE SUPPRESSION SYSTEM PULL STATION		
OCCUPANCY SENSOR, CEILING MOUNTED. SEE DETAILS 1 & 2 / E7.0	USB OUTLET		
A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.			
B. SEE SHEETS E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.			
C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.			
D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.			
COMMUNICATIONS NOTES		NTS	B

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

COMMUNICATIONS ROUGH-IN SCHEDULE					
COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS	
T	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.	
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.	
T	05	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 SECUIRITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02	
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01	
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR	
T	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK	
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)	
HM	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING	
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES	
O	01	(4) 1" DATA CONDUITS	CEILING	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DETAIL 3/7.0	
HM	04	OCB SWITCH	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES	
T	01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+24" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.	
TV	01	CLOSED CIRCUIT TELEVISION (CCTV)		CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI DOME CAMERA MTD. ON BACK SIDE OF BULKHEAD (7 TOTAL)	

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
COMMUNICATIONS
PLAN

E5.0

PLOT DATE: 5/19/2022 10:06:21 AM

TBCCB-3-WOS SEQUENCE OF OPERATION

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

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

Sequence of Operation

(Building) Occupied Mode

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

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

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

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

(Building) Unoccupied Mode

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

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

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

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

(Sales) OPEN mode

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

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

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

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

(Sales) CLOSED mode

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

- The Exterior Building Lights
- The Exterior Signs,

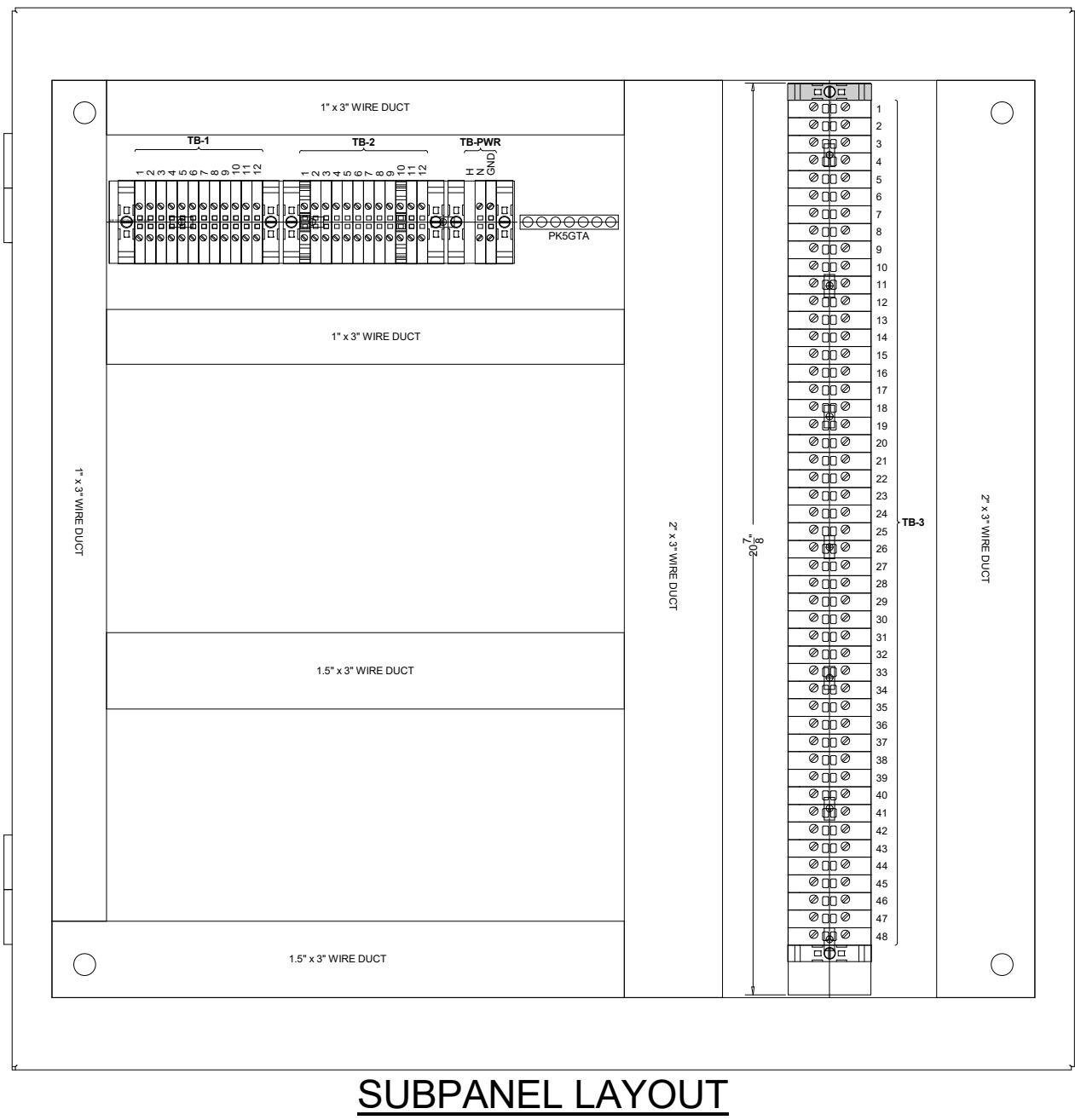
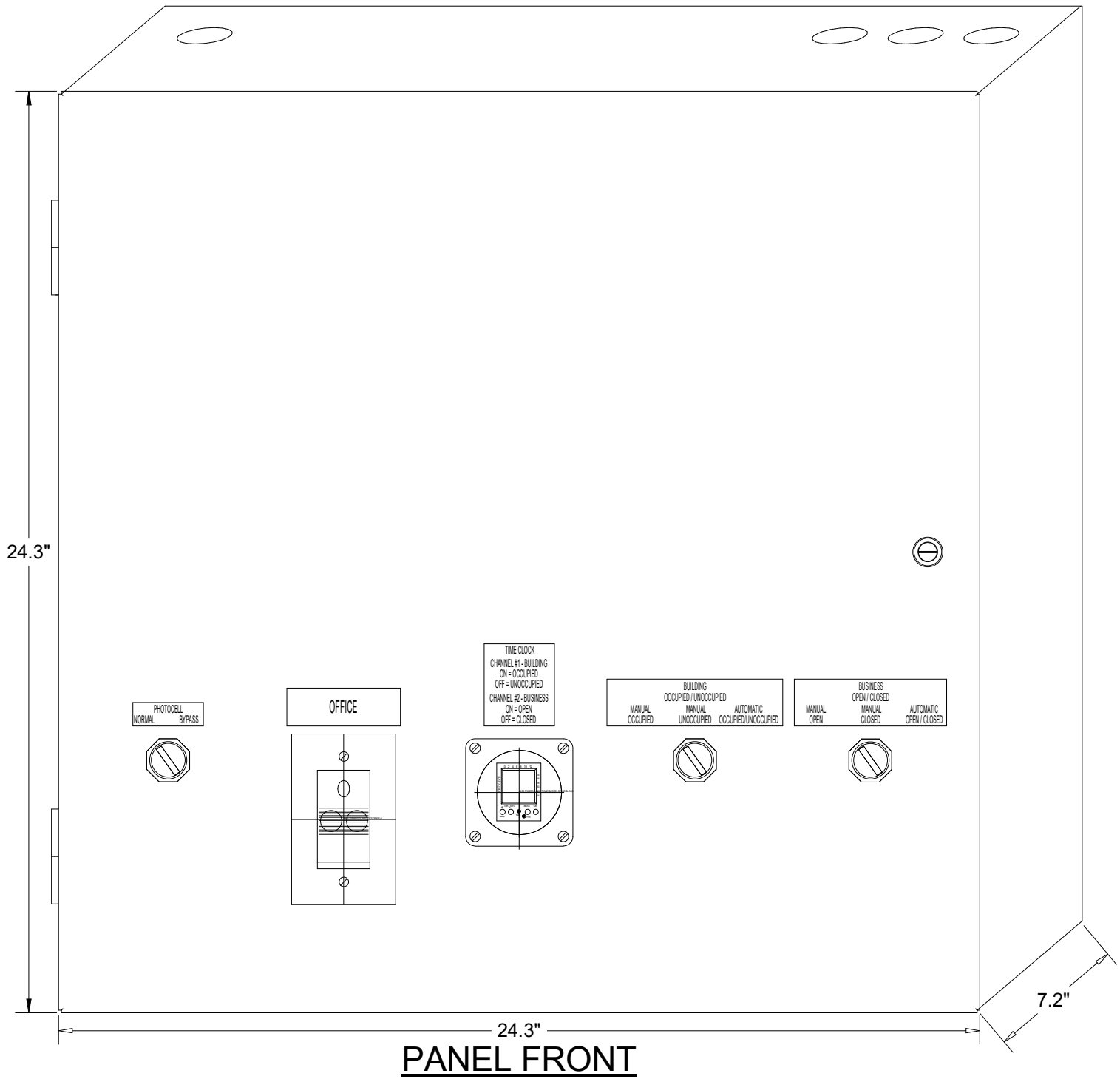
Manual CLOSED Mode

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

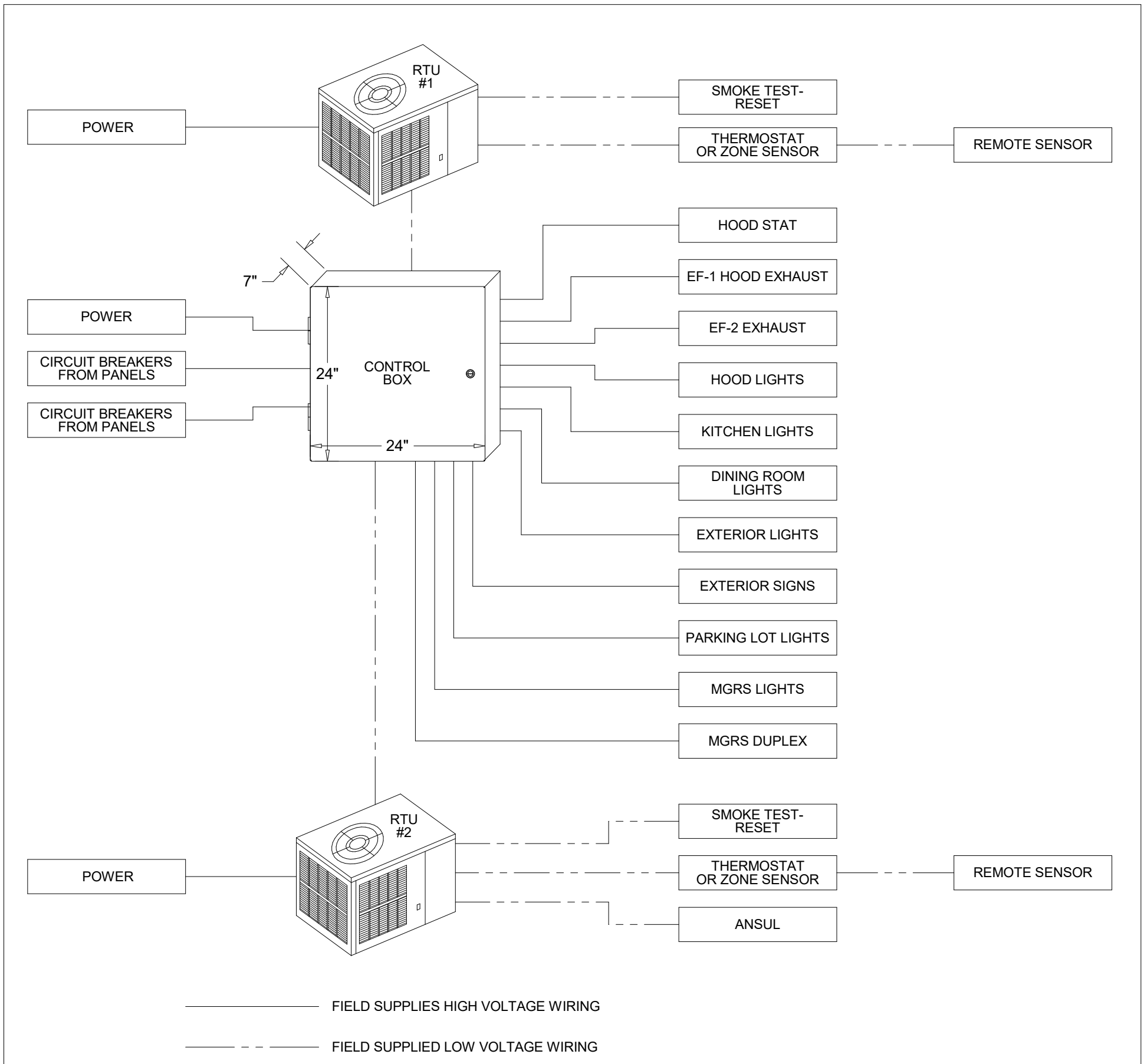
External Operations Not Part Of The Control Box Operation But Required To Be Installed

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

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



TACO BELL COMPONENT RELATIONSHIP



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

UL LISTED

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

FOR
REFERENCE
ONLY

	DATE	REMARKS
2	05.13.22	NTP
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CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

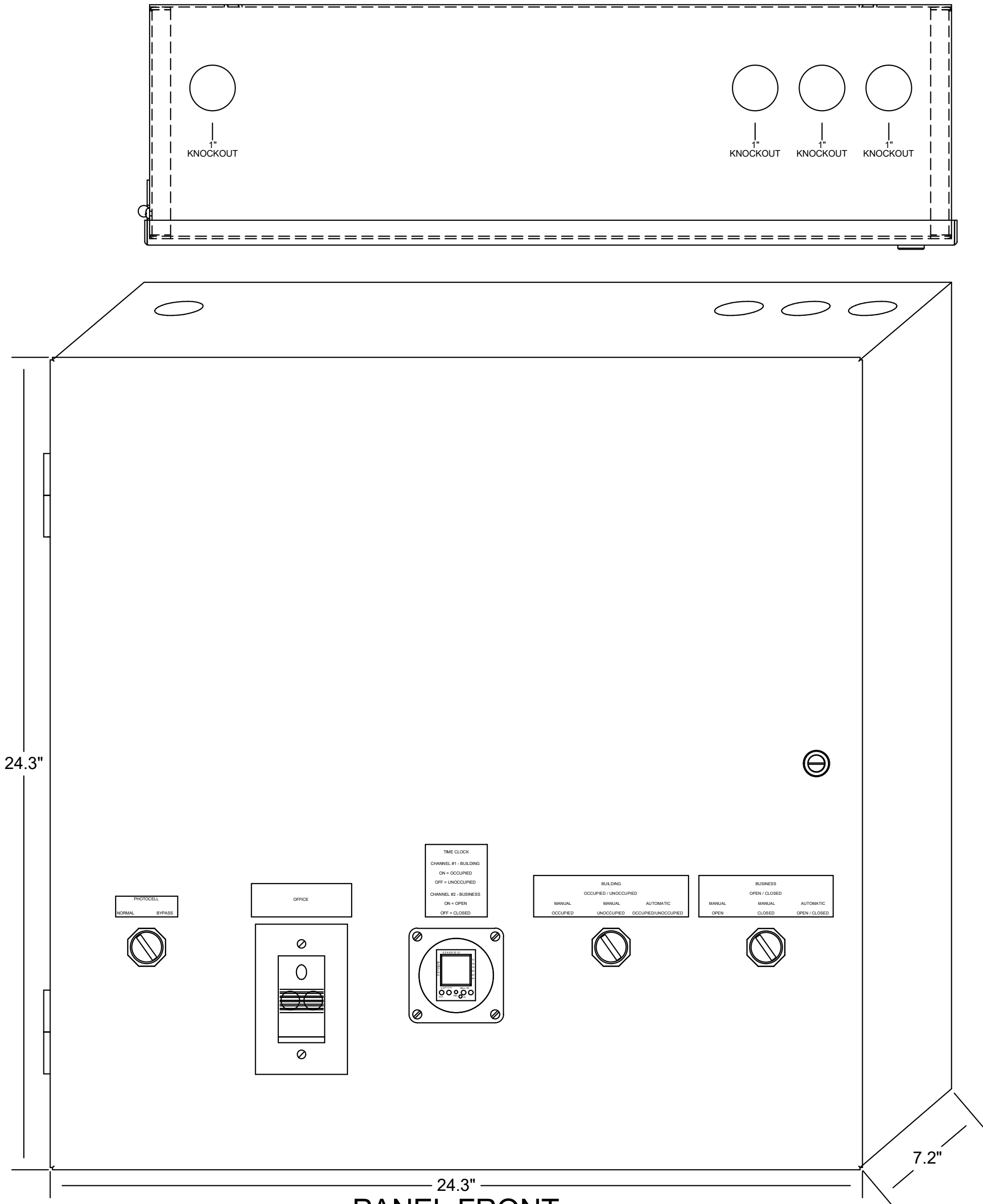
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Clermont, FL 34711



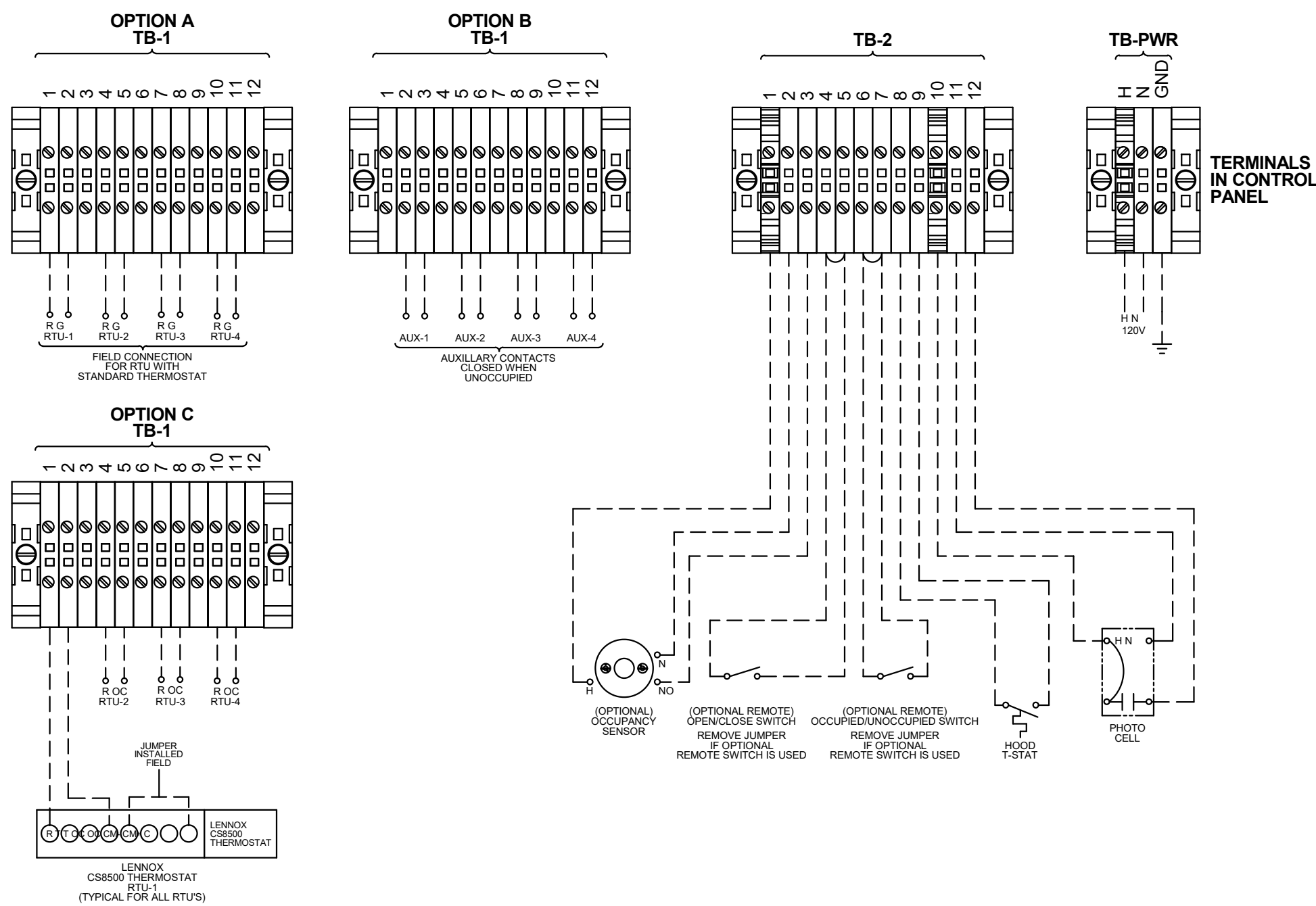
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ELECTRICAL
DETAILS -
TBCCB

E6.0

PLOT DATE: 5/19/2022 10:06:22 AM



PANEL FRONT



PANEL
CIRCUIT
NUMBER

REFER TO PANEL SCHEDULES
FOR CIRCUIT INFORMATION
(TYPICAL)

1

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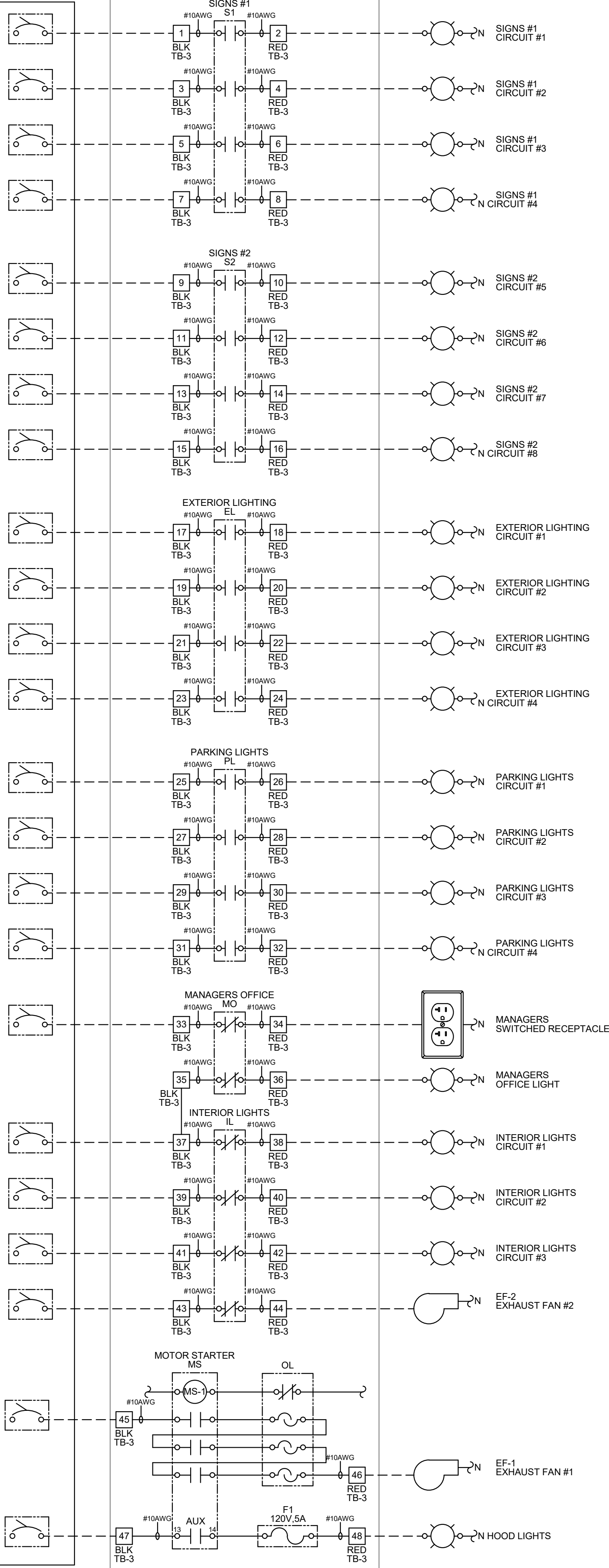
37

BREAKER
PANEL

CONTROL PANEL

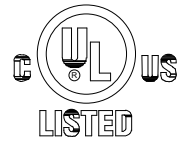
TB-3

LOAD



--- FIELD WIRE BY OTHERS

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



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

NOTES:

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

CONTROL BOX

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

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

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

PRIMARY CONTACT: CHUCK MCCABE

PHONE: 949 770 2222

EMAIL: INFO@ACE-EMS.COM

FOR
REFERENCE
ONLY

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

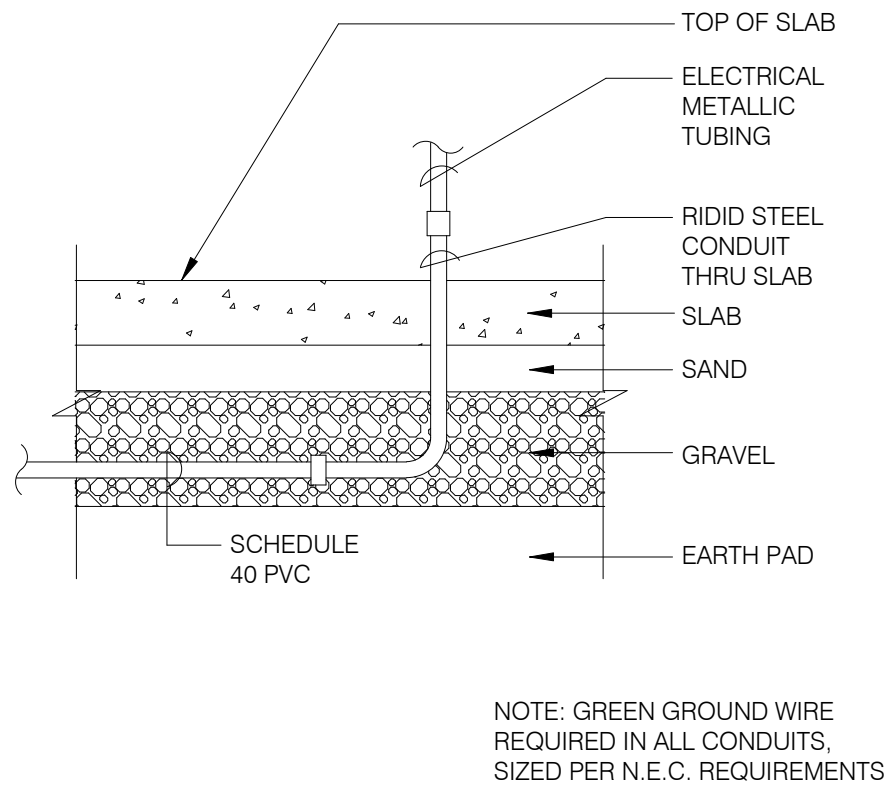
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ENDEAVOR 2.0
ELECTRICAL
DETAILS -
TBCCB

E6.1

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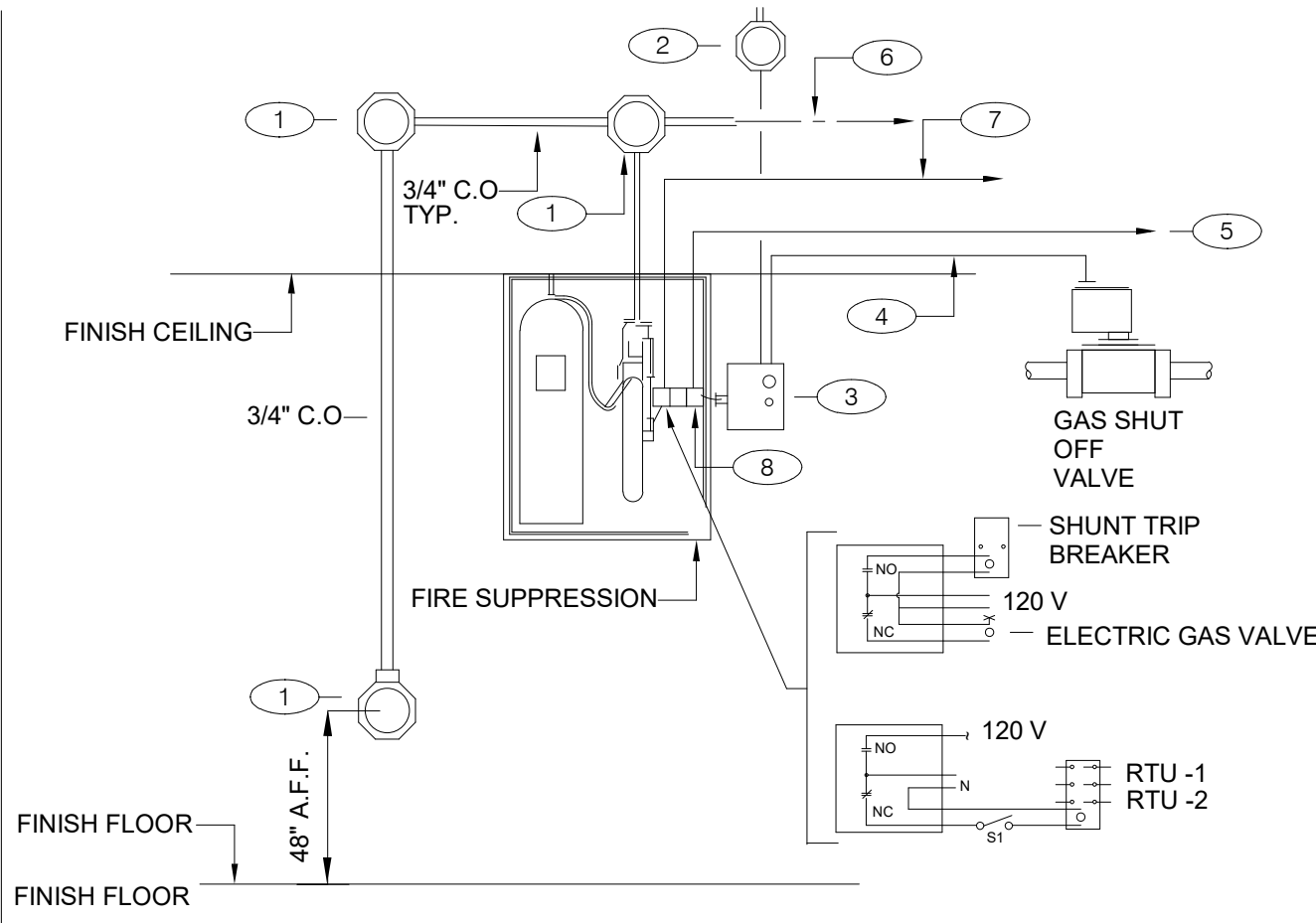


UNDER SLAB CONDUIT

N.T.S.

7

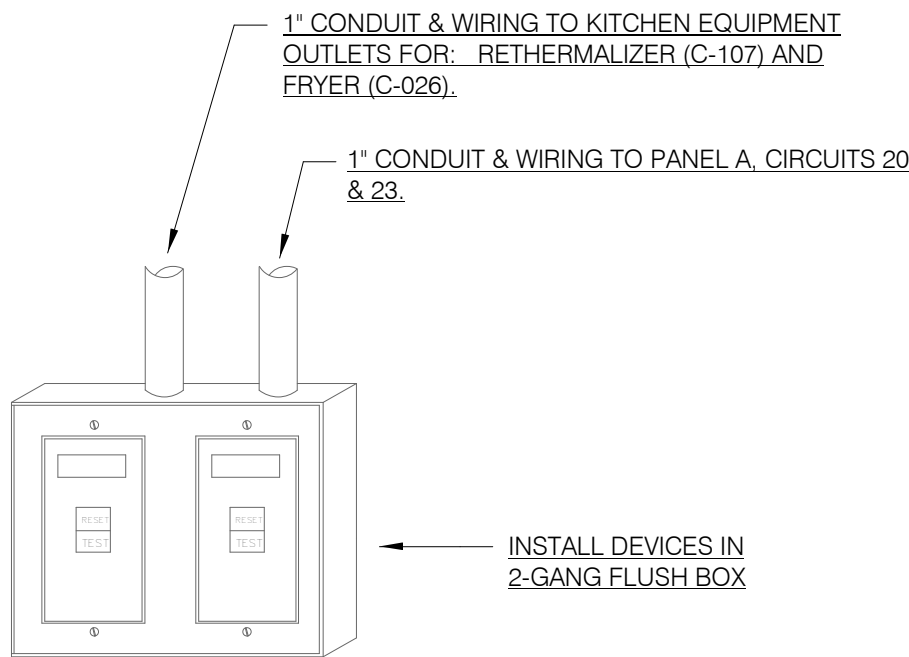
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FIRE SUPPRESSION SYSTEM WIRING DIAGRAM

N.T.S.

4



- 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

NOT USED

N.T.S.

8

NOT USED

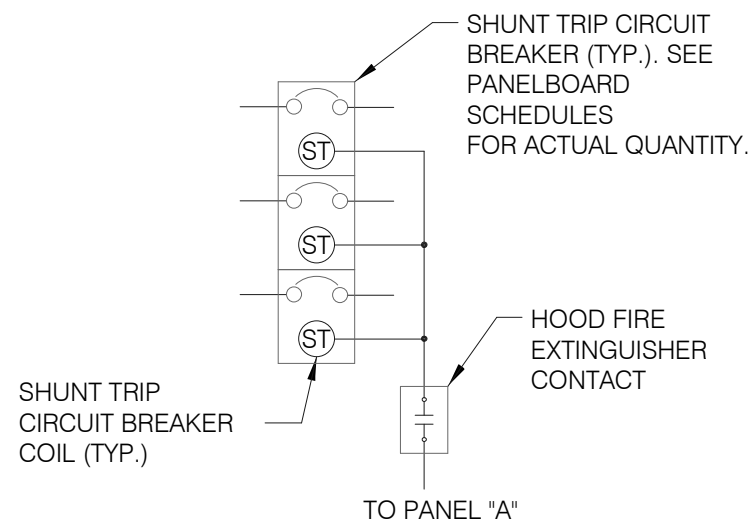
N.T.S.

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NOT USED

N.T.S.

6

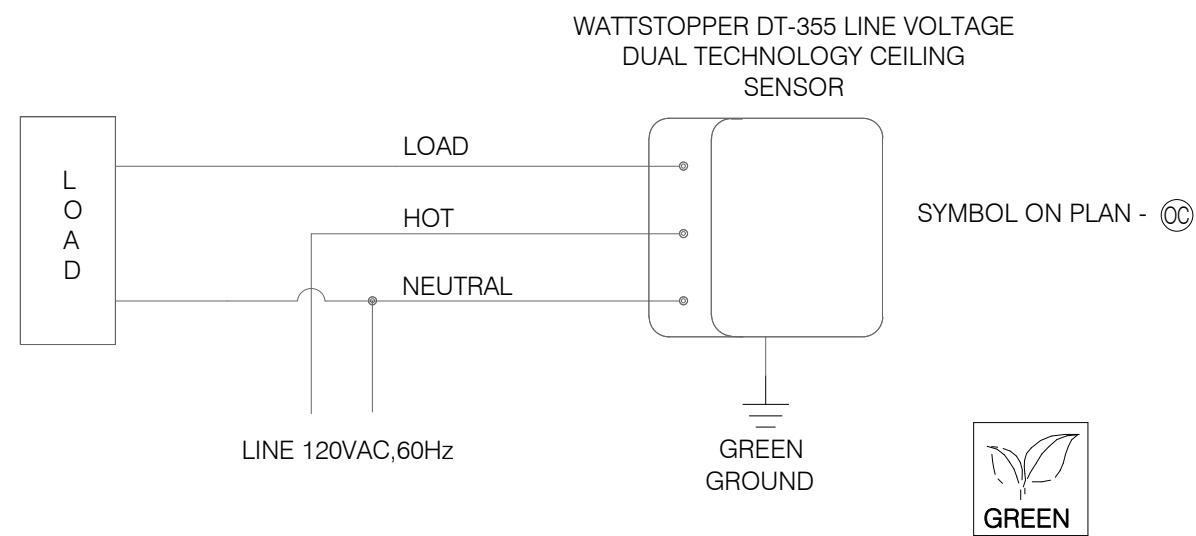


SEQUENCE OF OPERATION:
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED ON CONTROLS SHEETS E6.0 AND E6.1

SHUNT TRIP DETAIL

N.T.S.

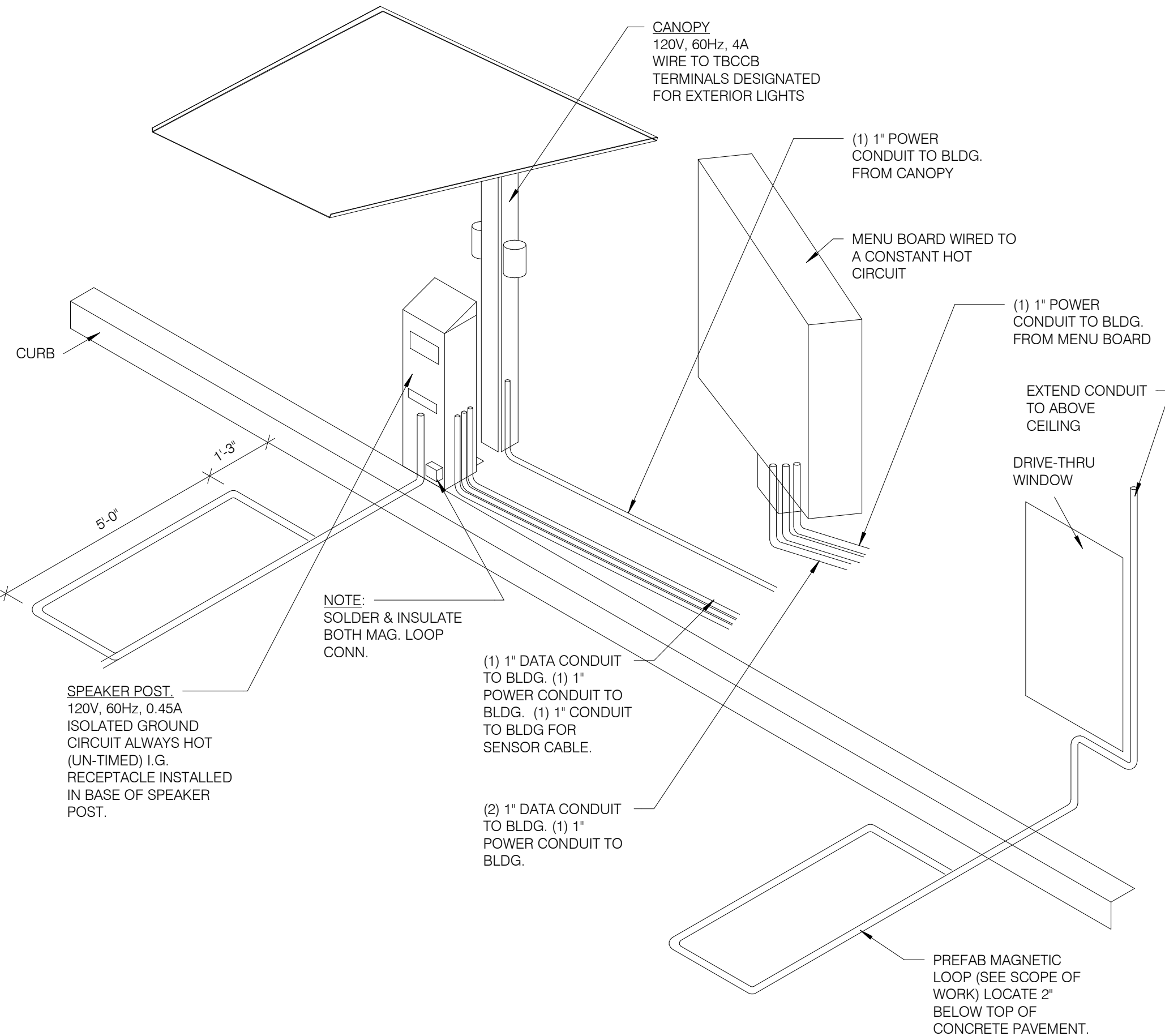
1



CEILING OCCUPANCY SENSOR WIRING DIAGRAM

N.T.S.

2



DRIVE-THRU COMMUNICATIONS ISOMETRIC

N.T.S.

3

	DATE	REMARKS
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CONTRACT DATE:	01.25.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315420
STORE NUMBER:	457313
PA/PM:	JW
DRAWN BY.:	AJR
JOB NO.:	2021088.46

TACO BELL

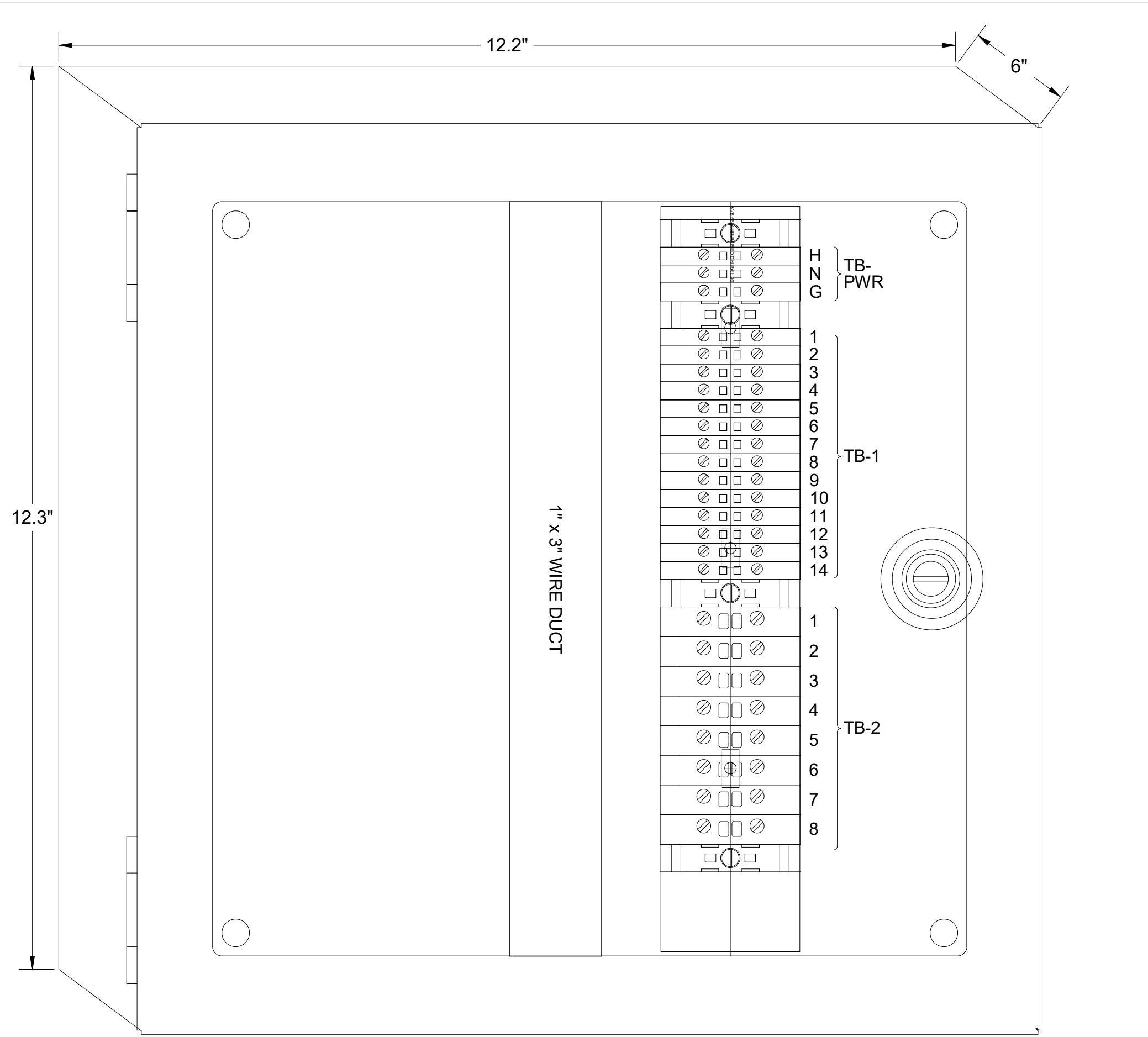
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**ENDEAVOR 2.0
ELECTRICAL
DETAILS**

E7.0

PLOT DATE: 5/19/2022 10:06:23 AM

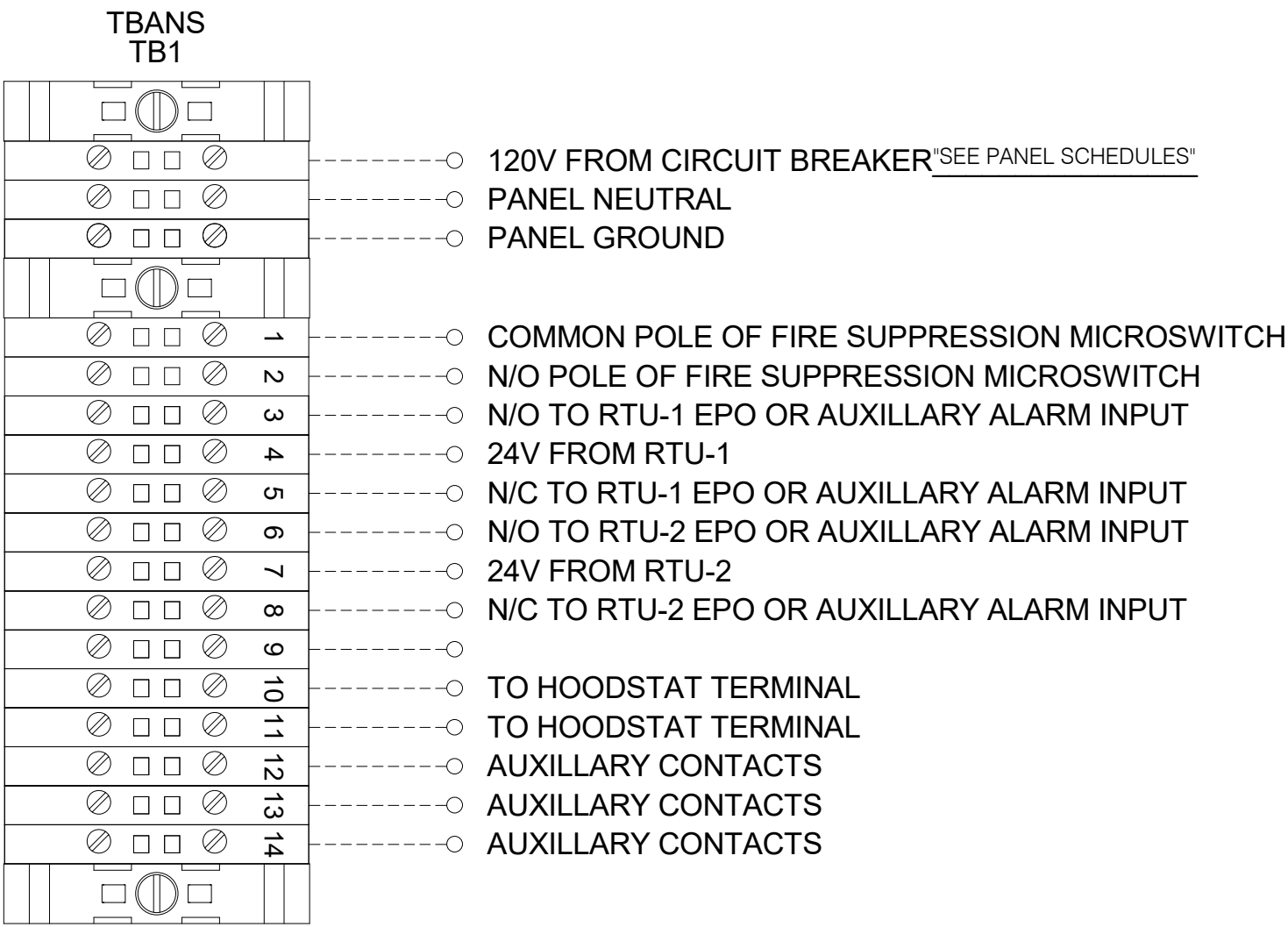


1 TBANS PANEL DIMENSIONS NTS

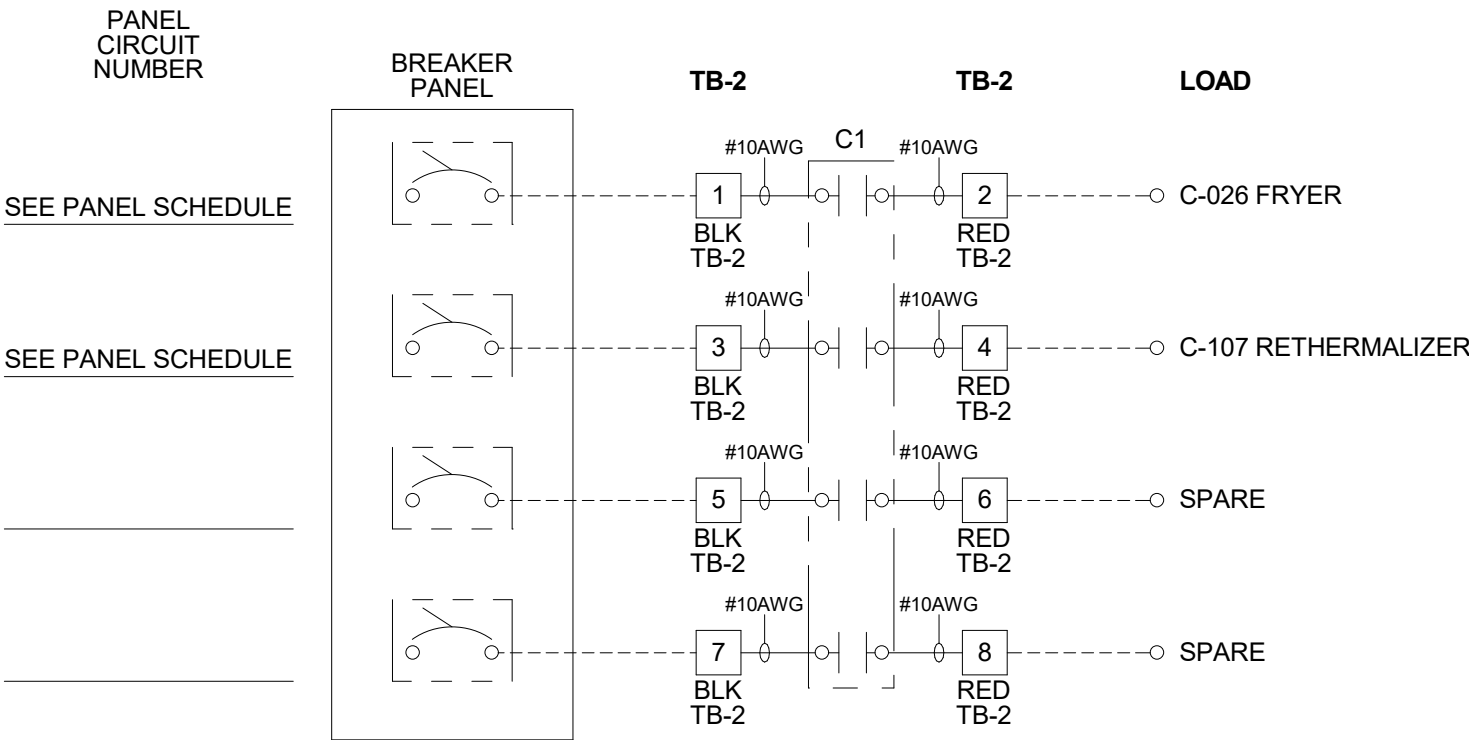
SEQUENCE OF OPERATION:
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

CONTROL BOX
TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBANS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO
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

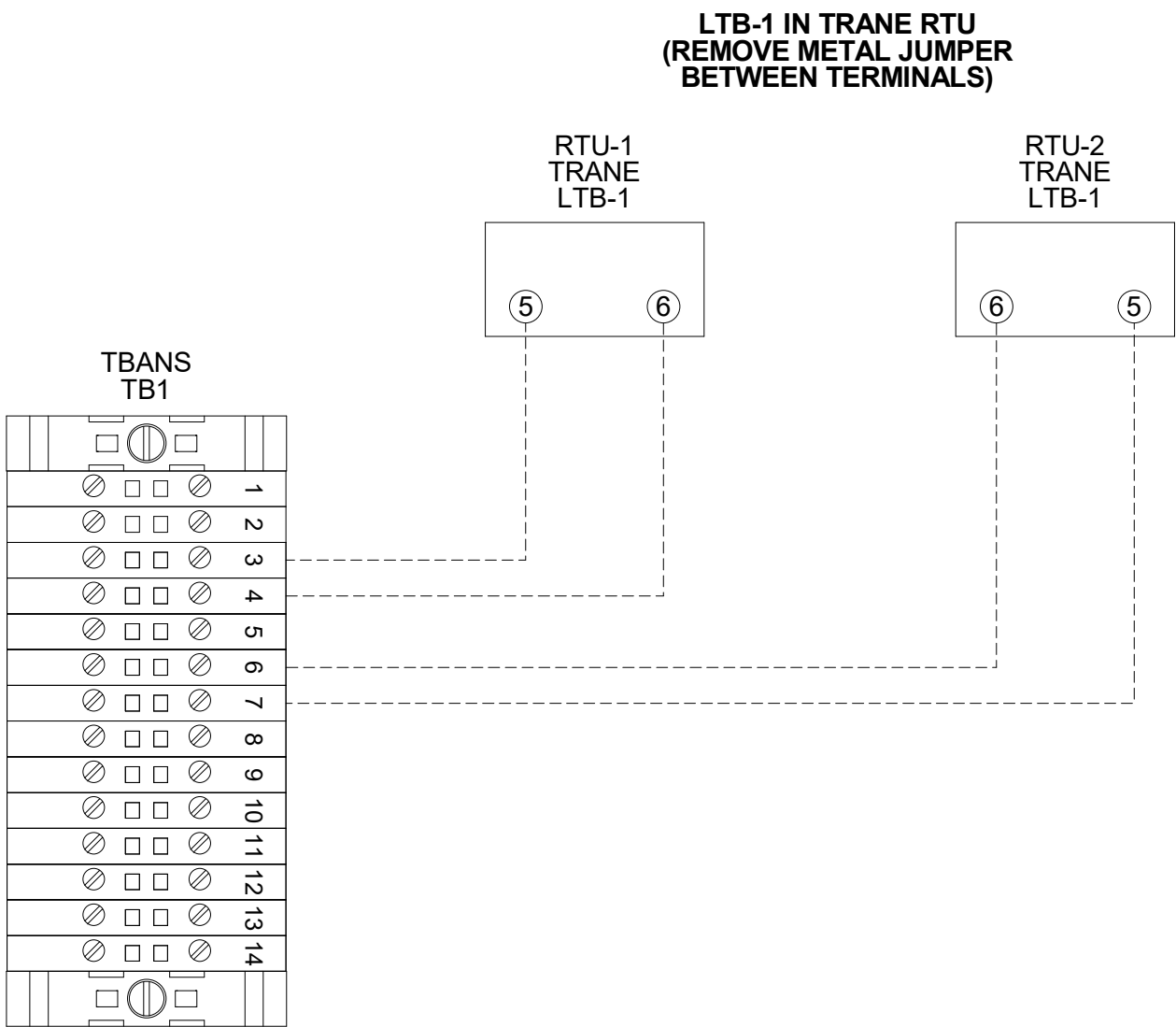
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0
CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



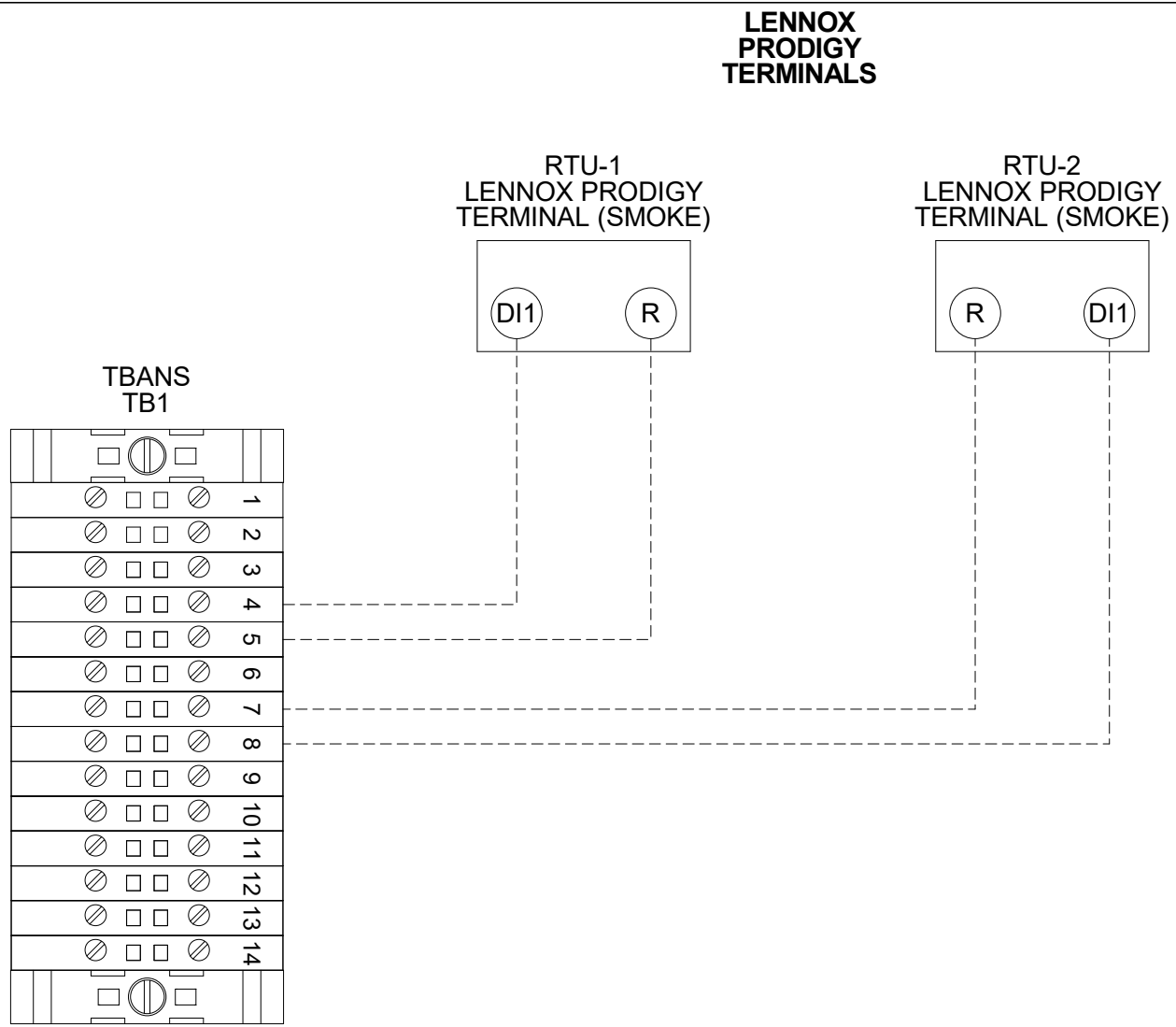
2 TBANS FIELD CONNECTIONS - VARIOUS NTS



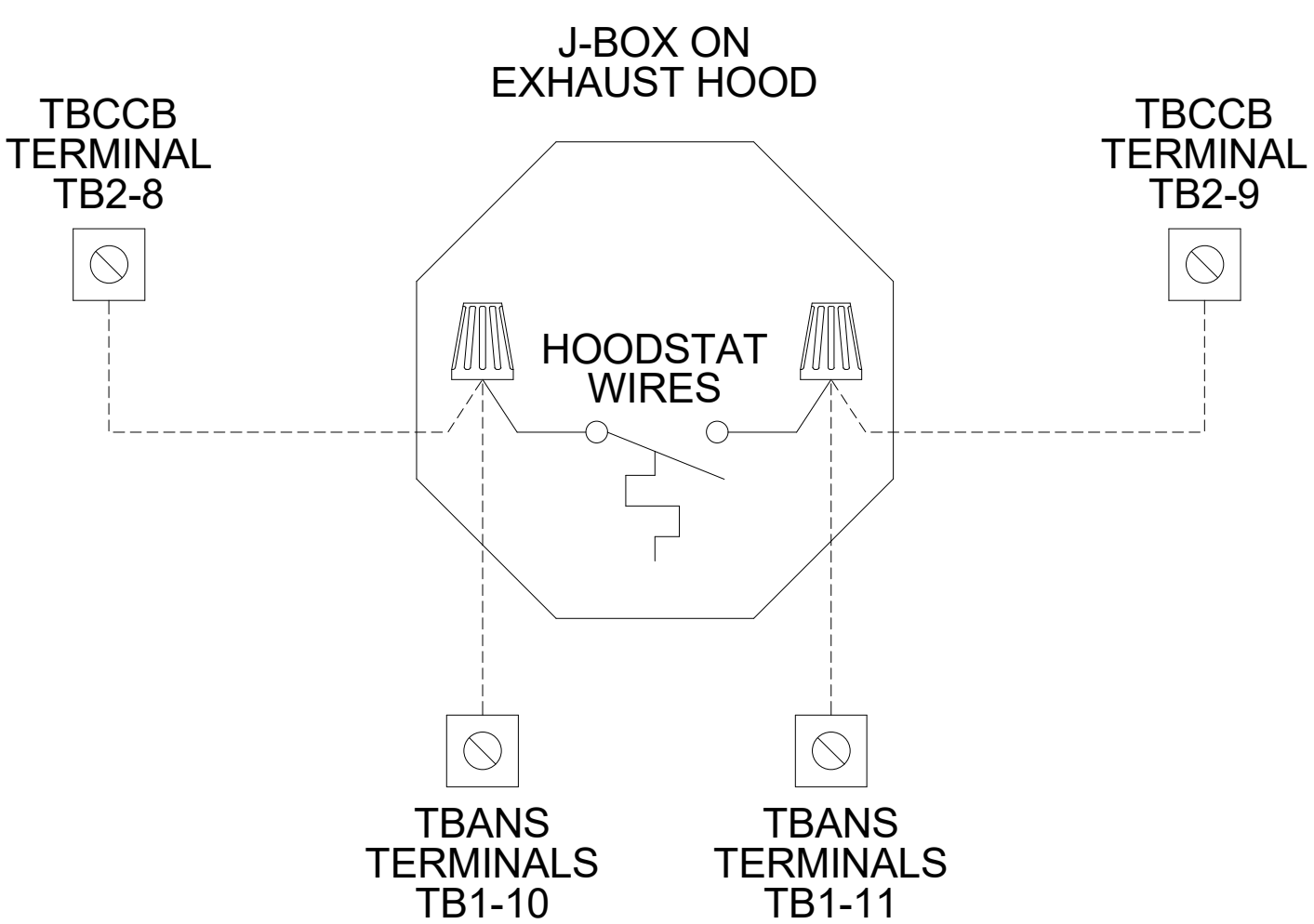
3 TBANS FIELD CONNECTIONS - APPLIANCES NTS



6 TBANS TO TRANE RTU SHUTDOWN NTS



5 TBANS TO LENNOX PRODIGY SHUTDOWN NTS



4 TBANS TO HOODSTAT TO TBCCB NTS

FOR
REFERENCE
ONLY

	DATE	REMARKS
2	05.13.22	NTP
3	05.19.22	Issued For Bid

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315420
STORE NUMBER: 457313
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.46

TACO BELL

NWC Hammock Ridge & Hwy 27
Clermont, FL 34711



ENDEAVOR 2.0
ELECTRICAL
DETAILS

E7.1

