

# TACO BELL

## 5201 HAMLIN GROVES TRAIL WINTER GARDEN, FL 34787



**NOTE:**  
ANY AND ALL SIGNAGE DEPICTED WITHIN THESE DRAWINGS ARE SCHEMATIC IN NATURE. ANY APPROVAL RECEIVED FOR THIS BUILDING PERMIT DOES NOT CONSTITUTE APPROVAL FOR THE CONSTRUCTION OF ANY SIGN/SIGN STRUCTURE COVERED WITHIN ORANGE COUNTY CODE SECTION 31.5. SIGNAGE MUST COMPLY WITH ORANGE COUNTY CODE SECTION 31.5 OR ANY APPLICABLE APPROVED SIGN PLAN. ALL PROPOSED SIGNAGE, INCLUDING SIGNAGE STRUCTURES, ARE REQUIRED TO SUBMIT A SEPARATE APPLICATION AND SHALL BE PROCESSED FOR REVIEW BY ZONING, BUILDING AND DEVELOPMENT ENGINEERING.

LEGAL JURISDICTION:	ORANGE COUNTY BUILDING DIVISION		
BUILDING CODE:	2020 FLORIDA BUILDING CODE		
ACCESSIBILITY:	2020 FLORIDA BUILDING CODE		
MECHANICAL:	2020 FLORIDA BUILDING CODE		
PLUMBING:	2020 FLORIDA BUILDING CODE		
ELECTRICAL:	2020 FLORIDA BUILDING CODE		
FIRE:	2020 FLORIDA FIRE PREVENTION CODE		
ENERGY:	2020 FLORIDA BUILDING CODE		
BUILDING AREA:	2,090 S.F. GROSS		
SEATING:	20 INTERIOR, 16 EXTERIOR		
OCCUPANCY:	A2		
TYPE CONSTRUCTION:	TYPE VB - UNPROTECTED, NON-SPRINKLED		
TYPE	AREA	FACTOR	OCCUPANTS
DINING ROOM	447 S.F.	1:15 S.F. (NET)	30
QUEUING	60 S.F.	1:5 S.F. (NET)	12
KITCHEN	1008 S.F.	1:200 S.F. (GROSS)	6
OFFICE	72 S.F.	1:100 S.F. (GROSS)	1
ACCESSORY STORAGE	173 S.F.	1:300 S.F. (GROSS)	1
ACCESSORY RESTROOMS & PASSAGE	283 S.F.	0 (GROSS)	0
TOTAL			50

### PROJECT SUMMARY

# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT
GAS:	750,000 BTU/H
WIND SPEED:	90 M.P.H. / EXPOSURE B
EARTHQUAKE ZONE:	D
ROOF LIVE LOAD:	25 P.S.F.

### DESIGN CRITERIA

CURRENT ZONING:	PD - HORIZON WEST TOWN CENTER
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
REFER TO CIVIL DRAWINGS.	

### LEGAL DESCRIPTION

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

### PROJECT DIRECTORY

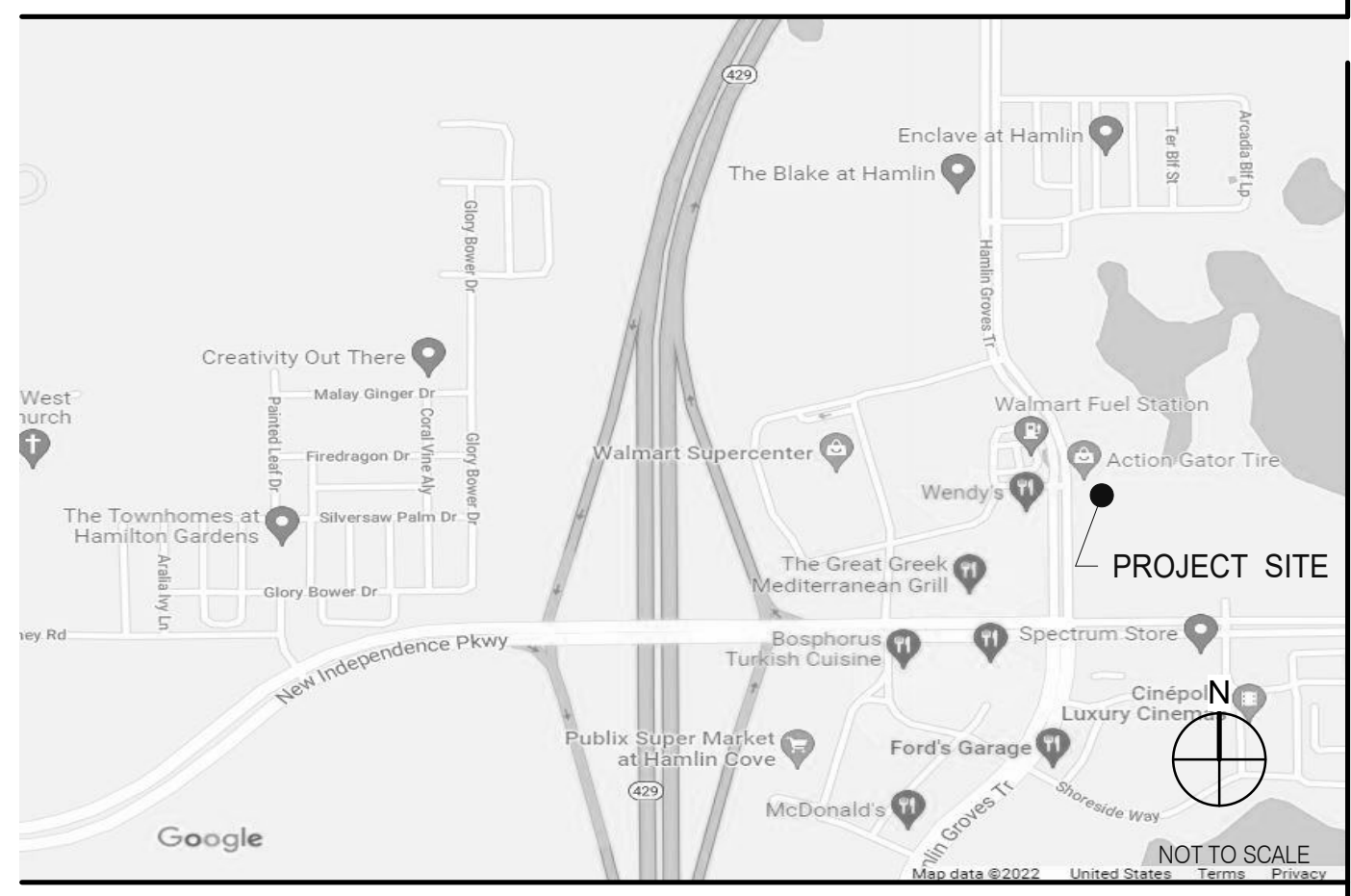
<b>SEWER</b> ORANGE COUNTY UTILITIES 9150 CURRY FORD RD., 2ND FLOOR ORLANDO, FL 32825 PHONE: 407.254.9900	<b>TELEPHONE</b> SPECTRUM 3767 ALL AMERICAN BLVD. ORLANDO, FL 32810 CONTACT: TIMOTHY ROSS PHONE: 407.532.8148
<b>WATER</b> ORANGE COUNTY UTILITIES 9150 CURRY FORD RD., 2ND FLOOR ORLANDO, FL 32825 CONTACT: GLADYS MERCADAL PHONE: 407.836.5515	
<b>GAS</b> LAKE APOPKA NATURAL GAS DISTRICT CONTACT: MONICA MARLOW PHONE: 407.656.2734 X104	
<b>ELECTRIC</b> DUKE ENERGY CONTACT: RANDY BASHORE PHONE: 610.334.1372	

TITLE/GEN. CONDITIONS	ISSUE
T1.0 TITLE SHEET	
G1.0 GREEN CHECKLIST SHEET	
G2.0 TRASH ENCLOSURE DETAILS	
G3.0 PEST PREVENTION GUIDE	
G4.0 LIFE SAFETY PLAN	
G4.1 SIGNAGE DETAILS	
TITLE/SITE SHEET COUNT: 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 WALL 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	
ARCHITECTURAL SHEET COUNT: 27	
ACCESSIBILITY	
ADA1.0 ACCESSIBILITY REQUIREMENTS	
ADA1.1 ACCESSIBILITY REQUIREMENTS	
ACCESSIBILITY SHEET COUNT: 2	
MECHANICAL	
M1.0 MECHANICAL SCHEDULES AND NOTES	
M2.0 DUCT AND DIFFUSER PLAN	
M2.1 MECHANICAL ROOF PLAN	
M3.0 HOOD DETAILS AND SECTIONS	
M4.0 MECHANICAL DETAILS	
M5.0 CONTROLS DETAILS	
MECHANICAL SHEET COUNT: 6	
PLUMBING	
P1.0 PLUMBING SCHEDULES AND NOTES	
P2.0 WASTE AND VENT PLAN	
P3.0 WATER AND GAS PLAN	
P4.0 PLUMBING ROUGH-IN PLAN	
P5.0 RISER DIAGRAMS	
P6.0 PLUMBING DETAILS	
PLUMBING SHEET COUNT: 6	
ELECTRICAL	
E1.0 SITE ELECTRICAL PLAN	
E2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND	
E2.1 ELECTRICAL SCHEDULES	
E2.2 ELECTRICAL SCHEDULES	
E3.0 ELECTRICAL POWER PLAN	
E3.1 ENLARGED POWER PLAN AND DETAILS	
E3.2 ELECTRICAL POWER ROOF PLAN	
E4.0 LIGHTING PLAN AND DETAILS	
E5.0 COMMUNICATIONS PLAN	
E6.0 ELECTRICAL DETAILS - TBCCB	
E6.1 ELECTRICAL DETAILS - TBCCB	
E7.0 ELECTRICAL DETAILS	
E7.1 ELECTRICAL DETAILS	
ELECTRICAL SHEET COUNT: 13	
SCOPE OF WORK	
SW1.0 SCOPE OF WORK	
SW2.0 INSTALLATION START-UP PRE-COMM CHECK LIST	
SW2.1 BALANCING AND COMMISSIONING SEQUENCE	
SCOPE OF WORK SHEET COUNT: 3	
SPECIFICATIONS	
IN BOOK FORMAT	

- 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 WINTER GARDEN AND COUNTY OF ORANGE.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED JUNE 10, 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 MAY 24, 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		ELEV. LETTER
	SHEET NUMBER		ELEV. SHEET	
	DOOR NUMBER		WINDOW NUMBER / DECOR ITEM NUMBER	
	KEY NOTE NUMBER		EQUIPMENT NUMBER	
	CEILING HEIGHT		WALL NUMBER	
	BLDG. SECTION LETTER		INTERIOR ELEVATION DESIGNATION	
	BLDG. SECTION SHEET		SHEAR WALL TYPE (STRUCTURAL)	
	DETAIL NUMBER		EQUIPMENT / FIXTURE NUMBER (M.E.P.)	
	DIRECTION OF DETAIL		INDICATES SUSTAINABLE DESIGN	
	DETAIL SHEET			
	REVISION NUMBER			
	BLDG. HEIGHT REFERENCE POINT			

### GENERAL DRAWING SYMBOLS



### VICINITY MAP

### PROJECT GENERAL NOTES

### UTILITY CONTACTS

### SHEET INDEX

Mark S. Salopek, LLC

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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

### TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



### ENDEAVOR 2.0 TITLE SHEET

# T1.0

PLOT DATE: 9/7/2022 7:51:14 AM

Mark S. Salopek, LLC

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

CHECK LIST NUMBER EXPLANATION:

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

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

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

FEASIBILITY DESIGN CONSTRUCTION COMMISSIONING

Table with 4 columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include FORMALDEHYDE LIMITS, PRODUCT CURRENT LIMIT, VOC CONTENT LIMITS, SPECIALTY COATINGS, COATING CATEGORY, SPECIALTY COATINGS, and 43.1 CONTROLLED BUILDING MATERIAL.

FEASIBILITY DESIGN CONSTRUCTION COMMISSIONING

Table with 4 columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include 37.1 RECYCLING, 37.2 COOKING OIL RECYCLING, 37.3 CARDBOARD RECYCLING, 38. AIR VENTILATION, 39.1 NO SMOKING, 41.1 PROTECTION OF MATERIALS, 42. LOW EMITTING MATERIALS, ADHESIVE VOC LIMITS, SUBSTRATE SPECIFIC APPLICATIONS, SEALANT VOC LIMITS, SEALANT, SEALANT PRIMER, and 49.1 COMMISSIONING.

FEASIBILITY DESIGN CONSTRUCTION COMMISSIONING

Table with 4 columns: FEASIBILITY, DESIGN, CONSTRUCTION, COMMISSIONING. Rows include 1.3 CONTAMINATED SITES, 1.4 LOCATION COMMITMENT, 1.5 PAY UTILITIES DIRECTLY, 2.2 PROXIMITY TO BUS STOP, 3.0 BICYCLE FACILITIES, 5.1 PARKING, 7.2 WHITE ROOF, 9.0 CONSTRUCTION POLLUTION CONTROL, 10.2 BUILDING WATER, 11.2 PROCESS WATER, 12.1 LANDSCAPE DESIGN, 13.1 IRRIGATION WATER, 15.3 INTERIOR LIGHTING, 16.2 EXTERIOR LIGHTING, 17.2 SIGN ILLUMINATION, 18.1 EXHAUST HOODS, 19.1 LICENSED HVAC ENGINEER, 19.2 OPTIMIZE HVAC DESIGN, 20.0 HVAC EFFICIENCY, 21.0 ECONOMIZER PERFORMANCE, 22.1 HOT WATER EFFICIENCY, 23.1 REFRIGERANTS, 24.1 REFRIGERATION, 25.1 COOKING & WASHING EQUIPMENT, 28.1 BASIC LIGHTING & THERMAL CONTROLS, 28.3 OCCUPANCY SENSORS, 33.1 RECYCLED CONTENT, and 36.1 CONSTRUCTION WASTE MANAGEMENT.

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

Table with 2 columns: DATE, REMARKS. Row 1: 09.06.22, Issued for Construction.

CONTRACT DATE: 01.25.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 314877
STORE NUMBER: 455564
PA/PM: SM
DRAWN BY.: RS
JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL
WINTER GARDEN, FL 34787



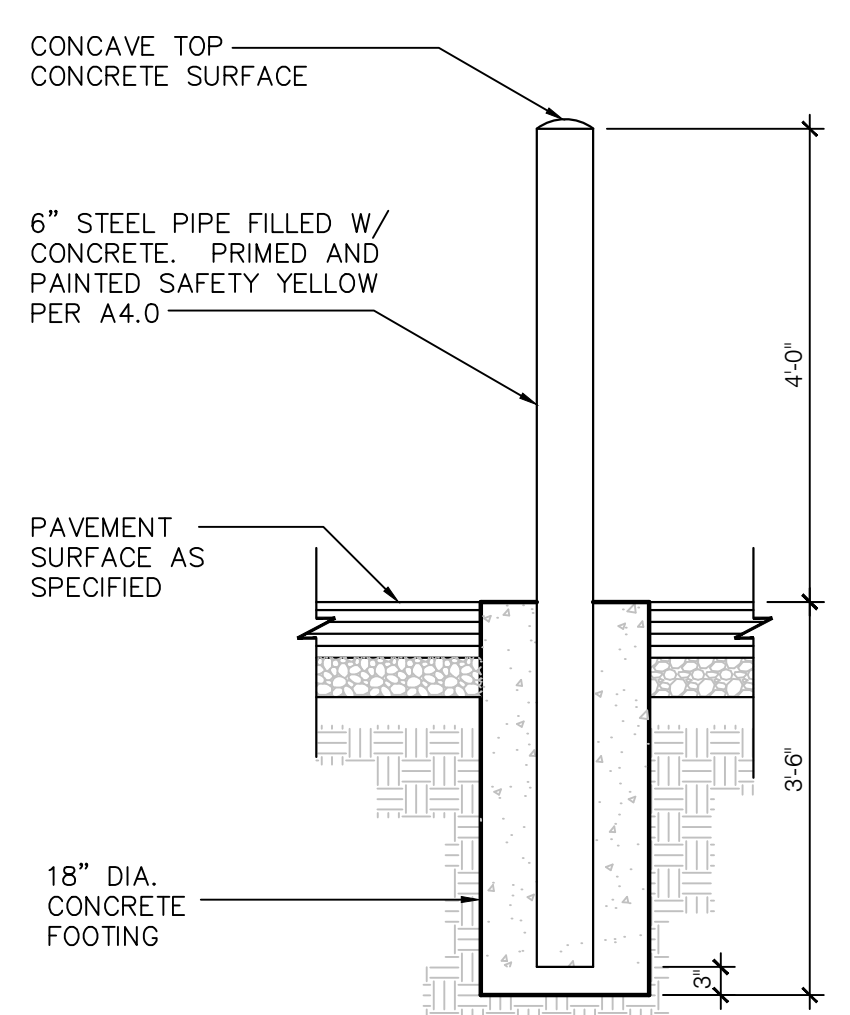
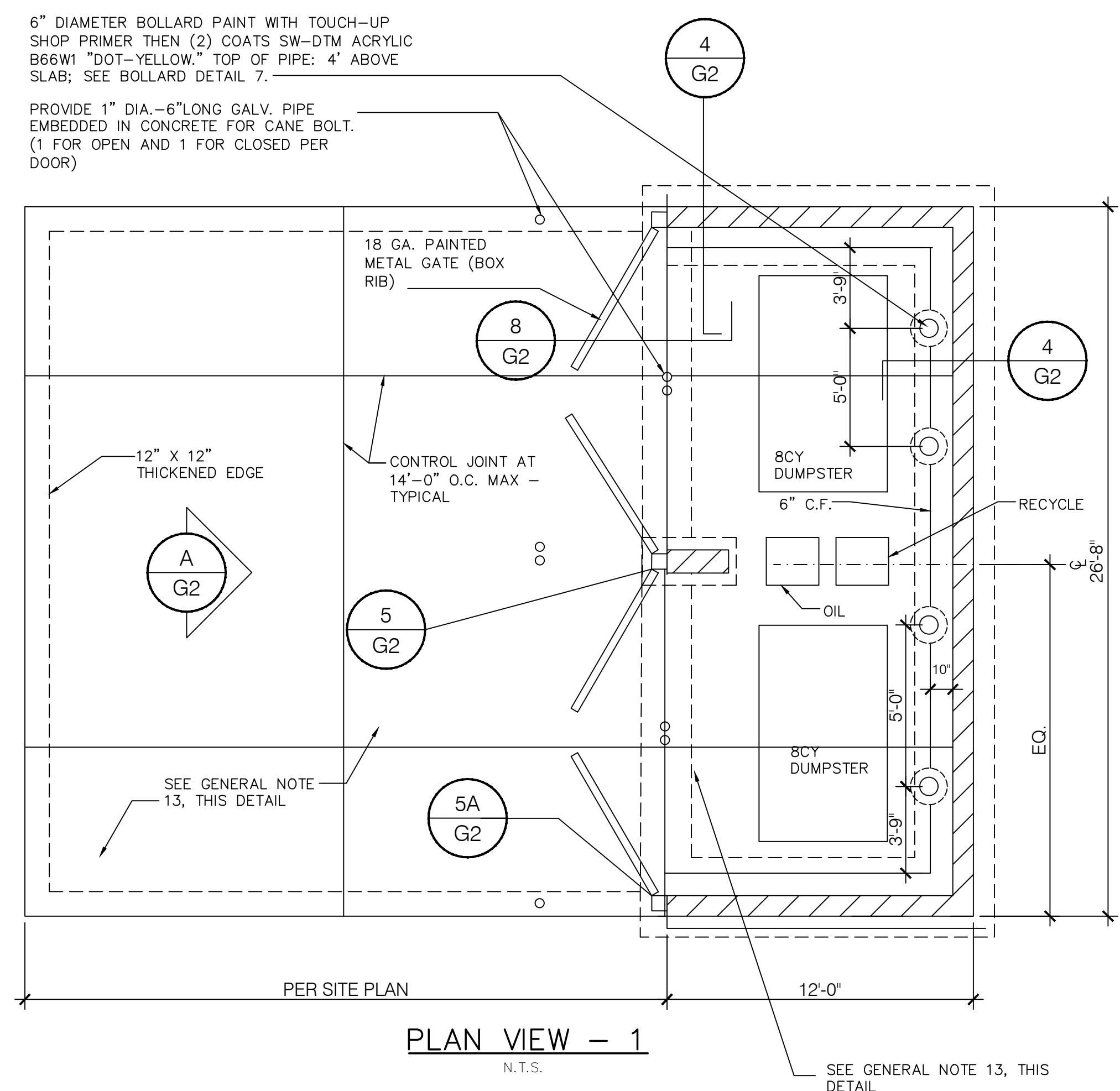
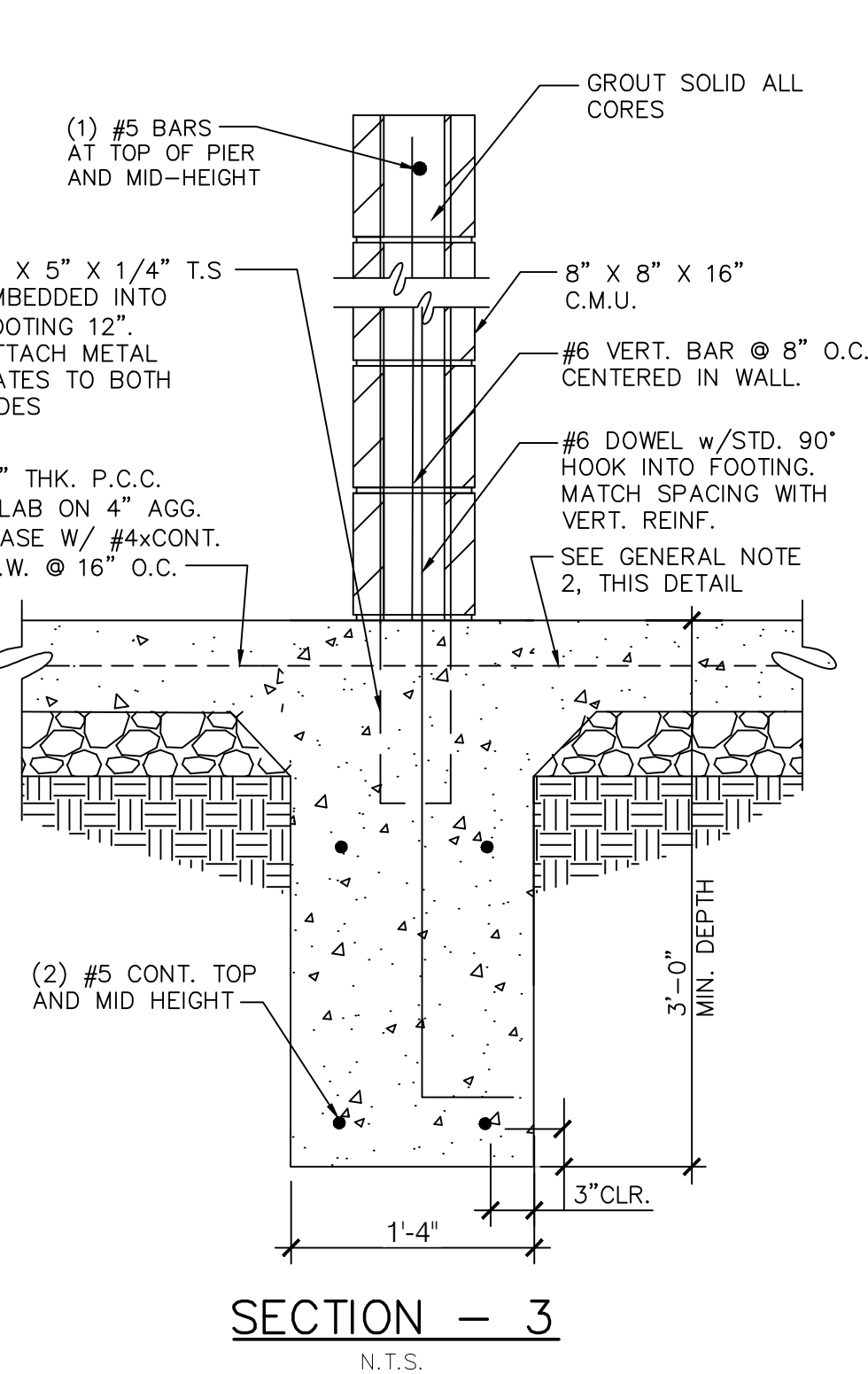
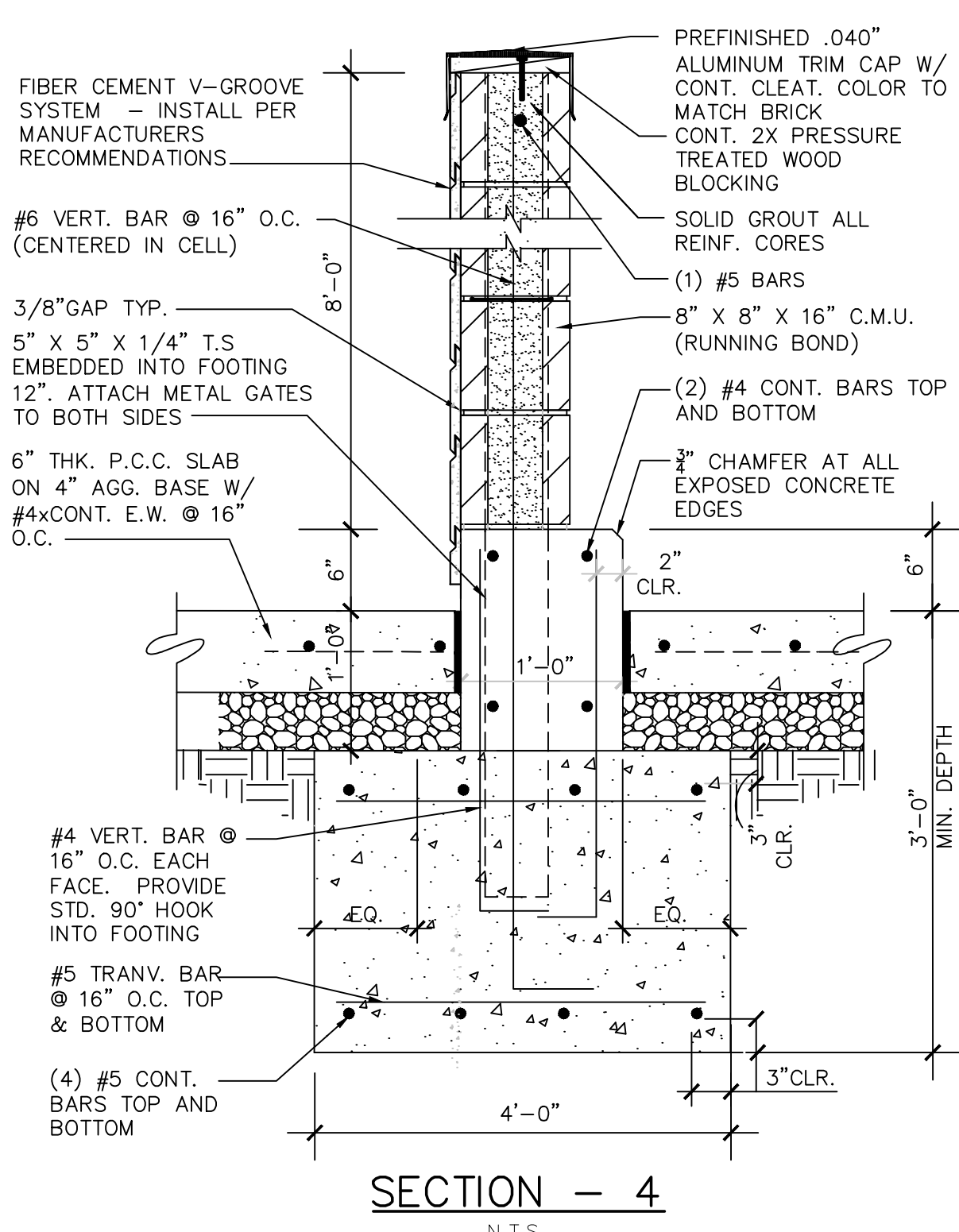
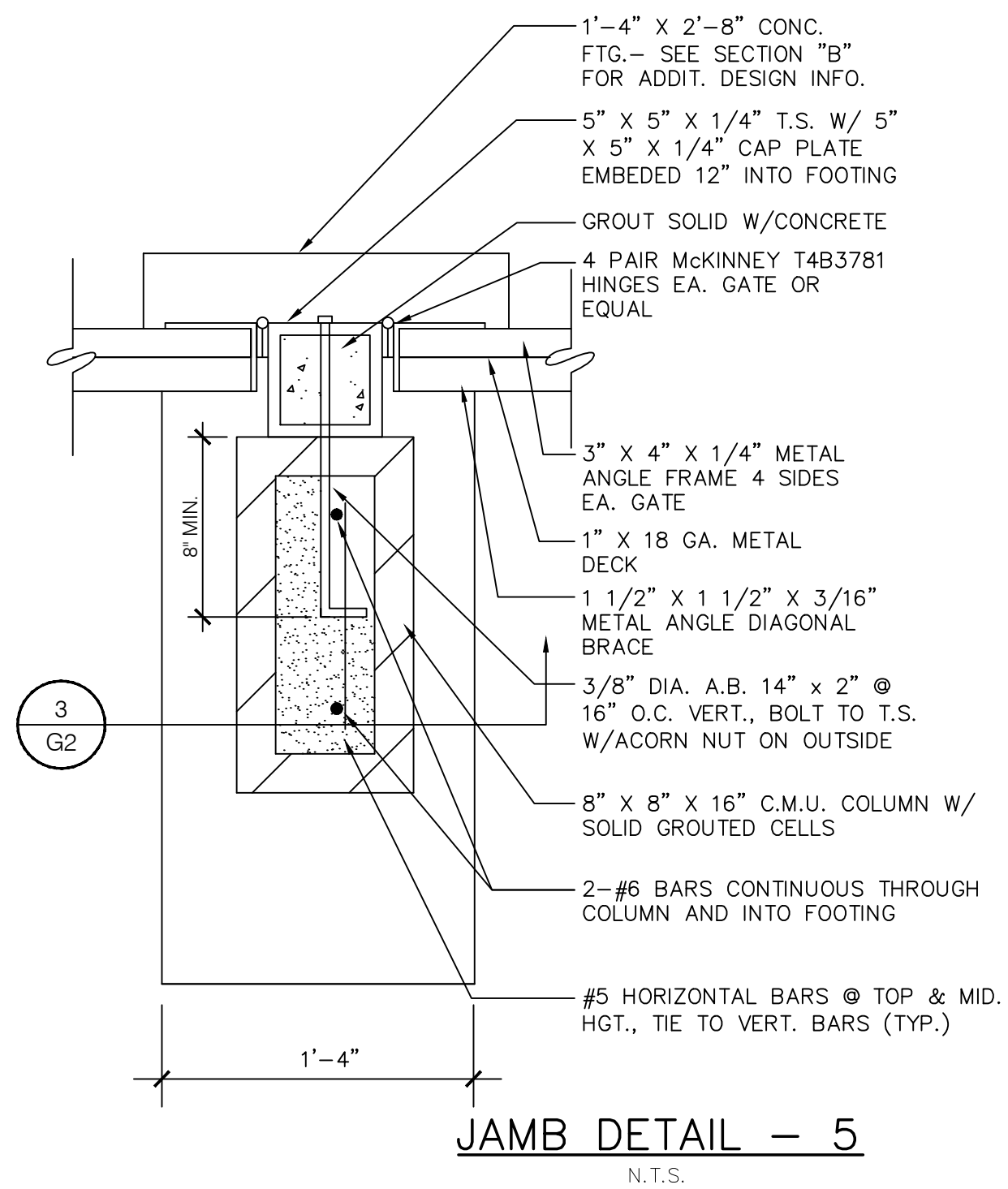
ENDEAVOR 2.0 GREEN CHECKLIST SHEET

G1.0

PLOT DATE: 9/7/2022 6:50:49 AM

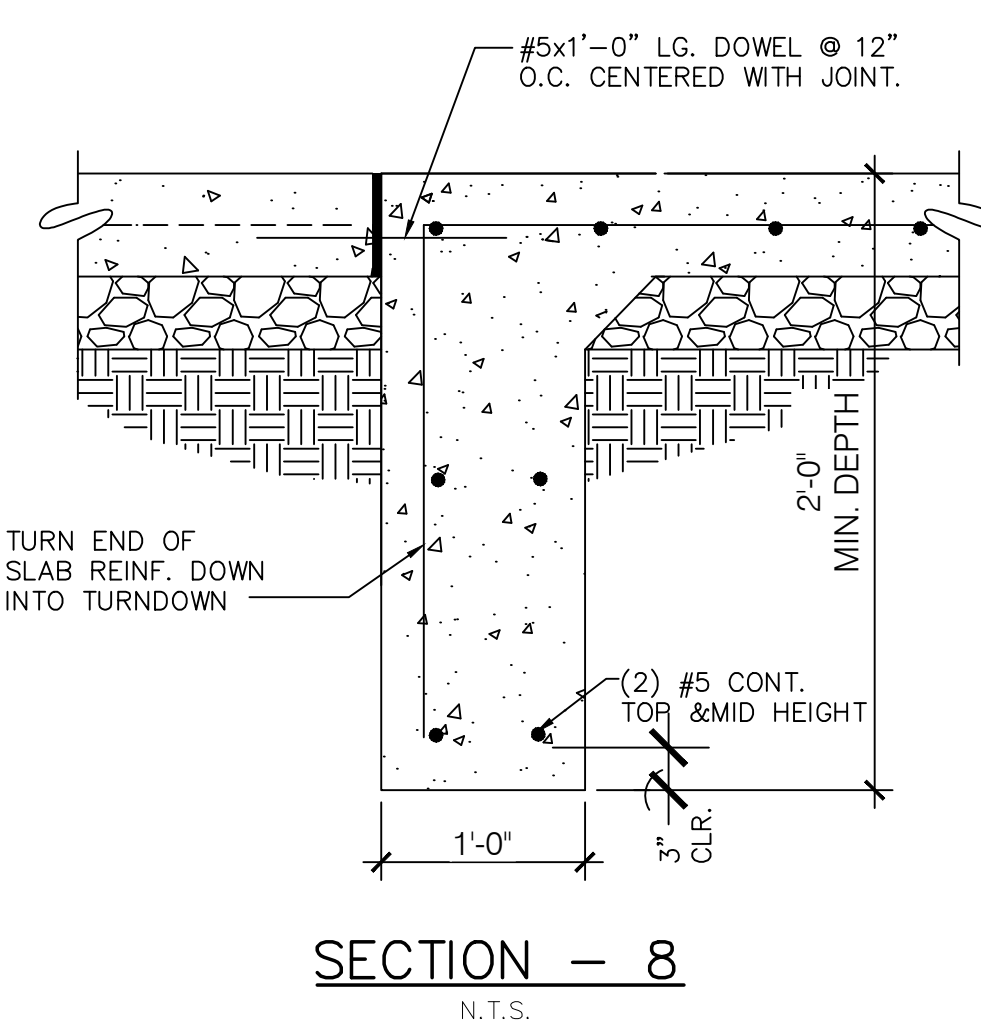
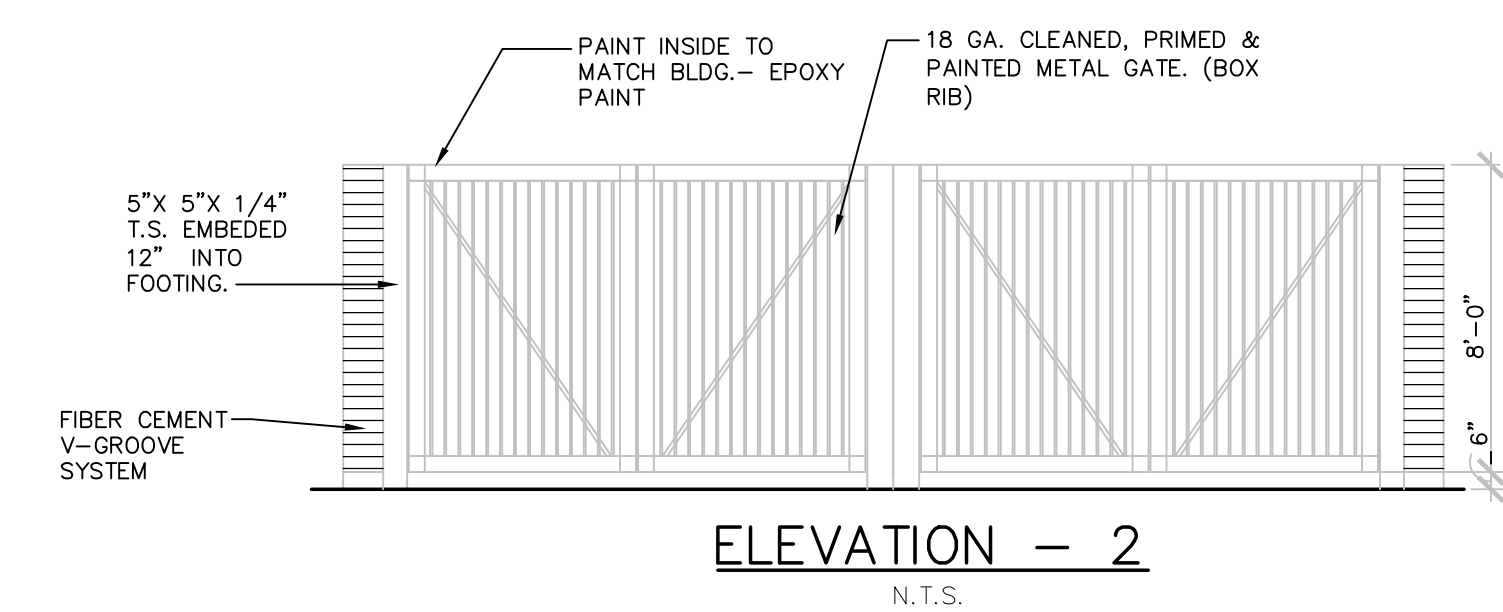
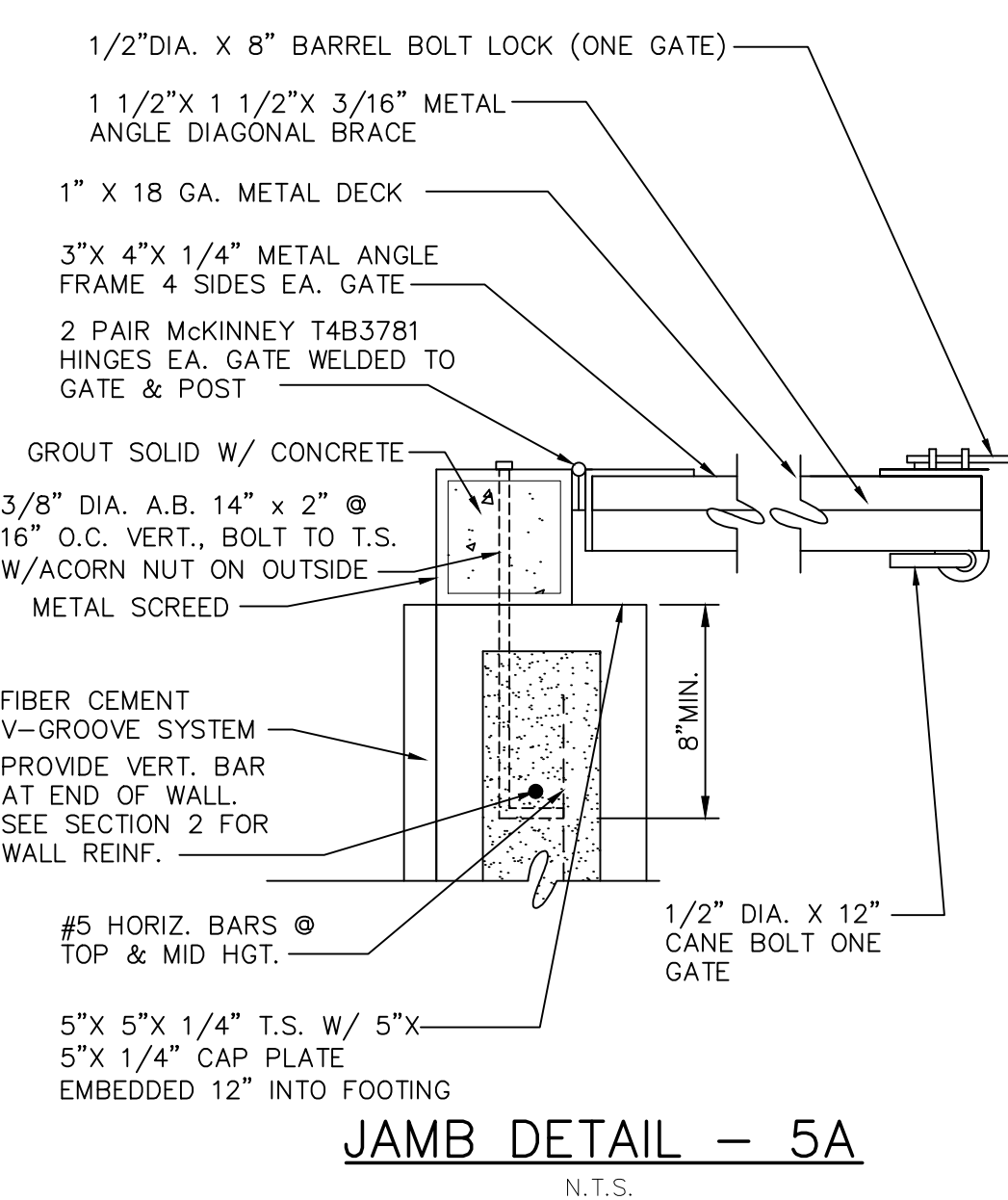
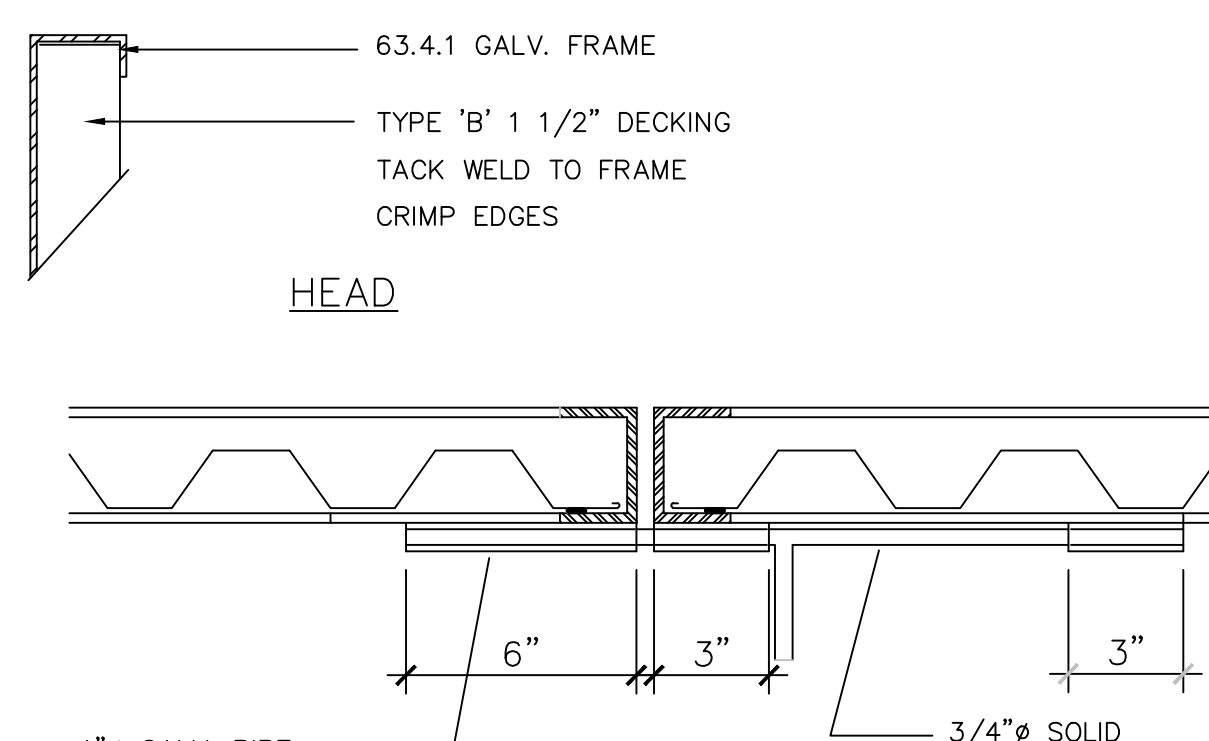
Mark S. Salopek, LLC

3638 West Galloway Drive  
Richfield, OH 44286  
Fax 330.572.2101 Phone 330.572.2112



**GATE NOTES:**  
(2) EQUAL (±6'-0") WIDE X 6'-0" HIGH MTL. GATES, TYPE 'B' 1 1/2" DECKING, 22GA. W/ T.S. 5" X 5" X 1/4" BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT COLOR TO MATCH PLASTER.

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



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

**TRASH ENCLOSURE DETAIL MATERIAL SPECIFICATIONS:**  
1. CONCRETE BLOCK: 6" MINIMUM IN SIZE. ASTM C90.  
2. REINFORCING STEEL: ASTM 615. GRADE 60.  
3. ACCEPTABLE SOIL TYPES:  
A. MIN. ALLOWABLE BEARING: 2500 LBS/SQ. FT  
B. MIN. LATERAL BEARING: 100 LBS/SQ. FT./FT.  
C. MAX EXPANSION INDEX: 20  
4. CONCRETE: 4000 LBS/SQ. IN. IN 28 DAYS.  
5. MORTAR: 1:1/4:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND, BY VOLUME). MIXED TO PLASTIC CONSISTENCY.  
6. GROUT: 1:1/10:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND BY VOLUME), MIX TO FLOW WITHOUT SEGREGATION. GROUT MAY CONTAIN 2 PARTS PEA GRAVEL (3/8" MAX. SIZE). MINIMUM COMPRESSIVE STRENGTH: 2000 LBS/SQ. IN.

**GENERAL NOTES:**  
1. FOOTINGS SHALL EXTEND 3'-6" MINIMUM BELOW FINISH GRADE AND SHALL BE IN NATURAL SOIL OR CERTIFIED FILL.  
2. BLOCKS TO BE STAGGERED (RUNNING BOND).  
3. ALL CELLS CONTAINING REINFORCING STEEL SHALL BE GROUTED.  
4. APPROVED GROUT STOPS ARE REQUIRED BELOW HORIZONTAL STEEL IN PARTIALLY GROUTED WALLS. BAGS, NEWSPAPERS, ETC. ARE NOT APPROVED GROUT STOPS.  
5. INITIAL BED JOINT SHALL BE 1/4" MIN. 1" MAX. SUBSEQUENT BED JOINTS SHALL BE 1/4" - MIN., 3/8" MAX.  
6. VERTICAL CONTINUITY OF CELLS SHALL BE UNOBSTRUCTED. MORTAR PROJECTIONS SHALL NOT EXCEED 1/2" FOR 6" AND LARGER BLOCK. MORTAR DROPPINGS OR OTHER FOREIGN MATTER ARE NOT PERMITTED IN CELLS AND MUST BE REMOVED.  
7. EXPANSION JOINTS REQUIRED AT 30'-0" MAX. INTERVALS.  
8. REQUIRED BAR LAPS:  
A. VERTICAL STEEL : 48 BAR DIAMETERS.  
B. HORIZONTAL STEEL: 48 BAR DIAMETERS.  
C. WIRE JOINT REINFORCEMENT IN THE MORTARED BED JOINT: 75 WIRE DIAMETERS OR IN ALTERNATE BED JOINTS OF RUNNING BOND. 54 DIAMETERS PLUS TWICE THE BED JOINT SPACING.  
9. WHERE HORIZONTAL WIRE JOINT REINFORCEMENT IS REQUIRED OR UTILIZED, IT SHALL BE EQUIVALENT TO TWO 3/16" DIAMETER BARS CONNECTED AT 16" INTERVALS BY NO. 9 GAUGE WELDED WIRE.  
10. 3" MIN. COVER REQUIRED FOR REINFORCEMENT IN CONCRETE WHICH IS CAST AGAINST EARTH.  
11. 8" THICK CONCRETE SLAB OVER 6" THICK CRUSHED AGGREGATE.  
12. 12" X 12" THICKENED EDGE FOR APPROACH SLAB. #4 REBAR @ 1'-0" O.C. EACH WAY.

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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY: -  
JOB NO.: 2021088.17

**PROJECT NAME**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
**TRASH ENCLOSURE DETAILS**

**G2.0**

PLOT DATE: 8/19/2021 10:08:35 AM



Mark S. Salopek, LLC

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

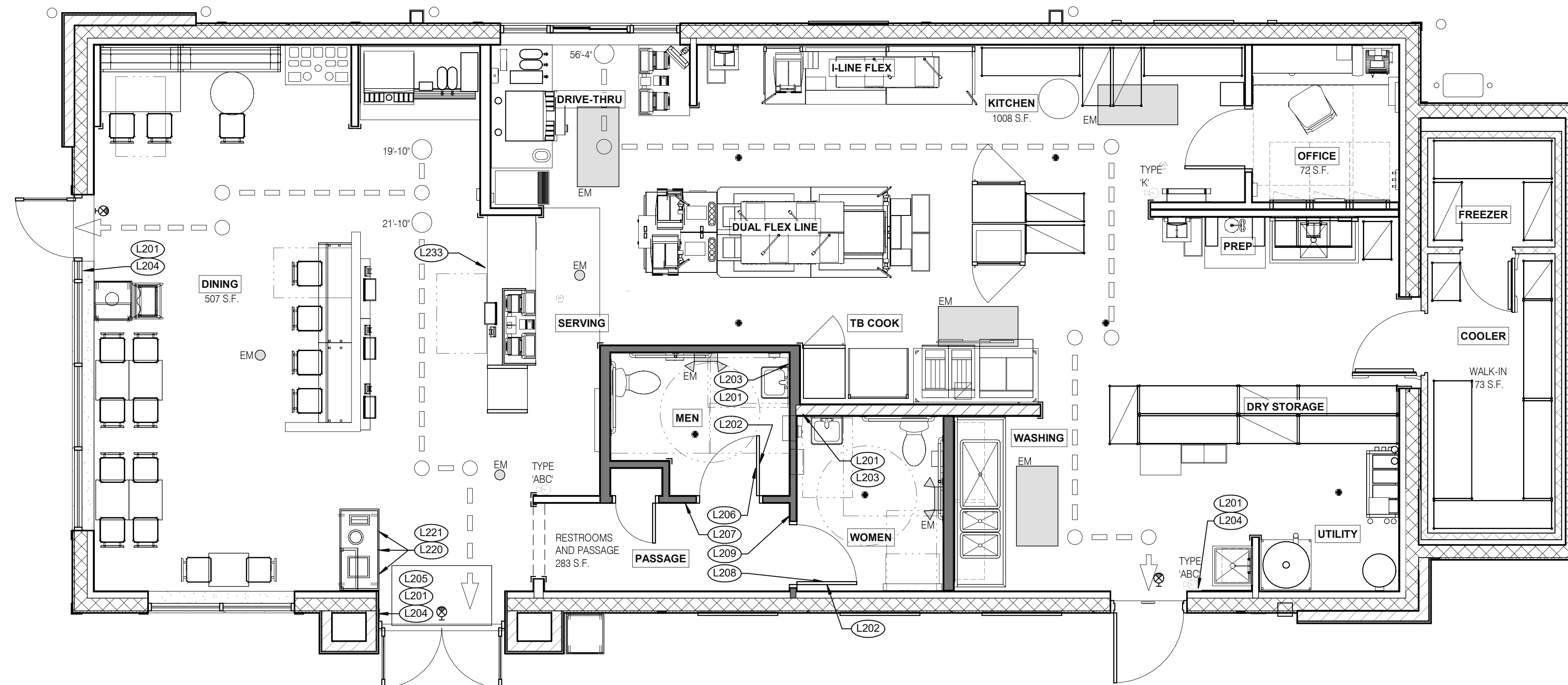
REFER TO SHEETS A1.0 AND A1.1 FOR ADDITIONAL DOOR AND HARDWARE INFORMATION.

NFPA 101 - OCCUPANCY CALCULATIONS:

	AREA	S.F.	FACTOR	S.F. (NET)	OCCUPANTS
DINING ROOM/QUEUING	507	S.F.	1:15	S.F. (NET)	34
BENCH SEATING	108	L.I.	1/18	L.I.	6
KITCHEN	1008	S.F.	1:100	S.F. (GROSS)	11
OFFICE	72	S.F.	1:100	S.F. (GROSS)	1
ACCESSORY STORAGE	173	S.F.	1:500	S.F. (GROSS)	1
ACCESSORY RESTROOMS & PASSAGE	283	S.F.	0	(GROSS)	0
<b>TOTAL</b>					<b>53</b>

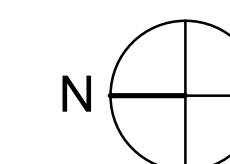
- ← EMERGENCY EXIT
- TRAVEL DISTANCE
- ⊗ FIRE EXTINGUISHER
- ⊗ EXIT SIGNS
- EMERGENCY EGRESS CAN LIGHT
- EMERGENCY EGRESS 2X4 LIGHT
- ⊕ EMERGENCY EGRESS DUAL HEAD

EGRESS WIDTH REQ'D - 4.0'  
EGRESS WIDTH PROVIDED - 33"  
MAXIMUM OCC. LOAD CAPACITY - 135  
ACTUAL OCC. LOAD - 40/2 = 20 OCC.  
PANIC HARDWARE



EGRESS WIDTH REQ'D - 4.0'  
EGRESS WIDTH PROVIDED - 54"  
MAXIMUM OCC. LOAD CAPACITY - 270  
ACTUAL OCC. LOAD - 40/2 = 20 OCC.  
PANIC HARDWARE

EGRESS WIDTH REQ'D - 1.6" (KITCHEN ONLY)  
EGRESS WIDTH PROVIDED - 39"  
MAXIMUM OCC. LOAD CAPACITY - 195  
ACTUAL OCC. LOAD - 13 OCC.  
PANIC HARDWARE



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

DATE	REMARKS
09.06.22	Issued for Construction

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

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

**STANDARD REQUIRED SIGNAGE**

**3**

**NOT USED**

**2**

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0  
LIFE SAFETY  
PLAN**

**G4.0**

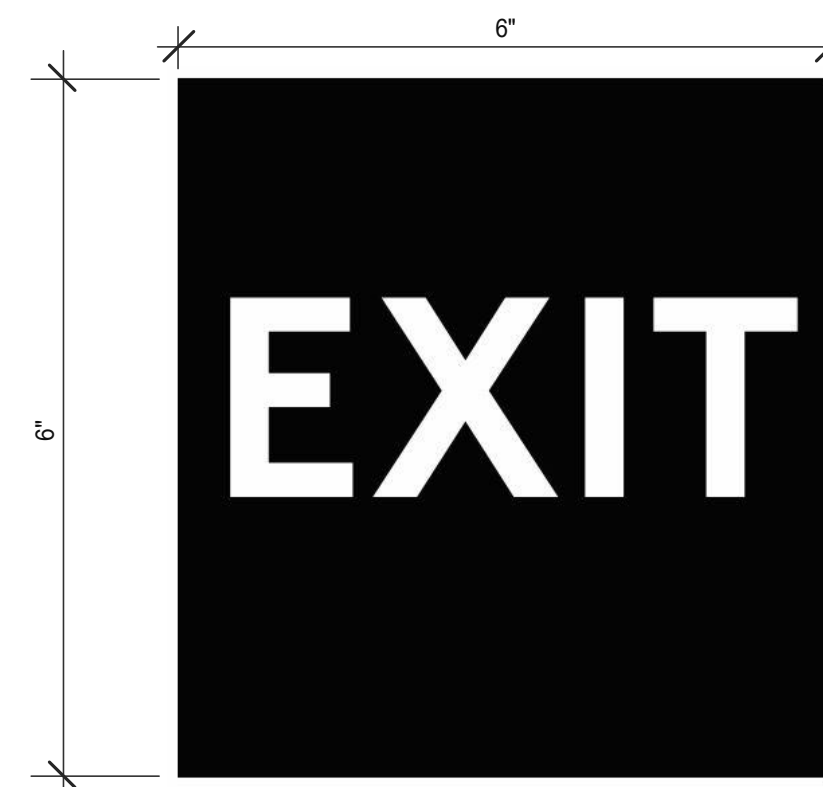
PLOT DATE: 9/7/2022 6:50:57 AM



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



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



**EXIT BRAILLE SIGN** (L204) **5**



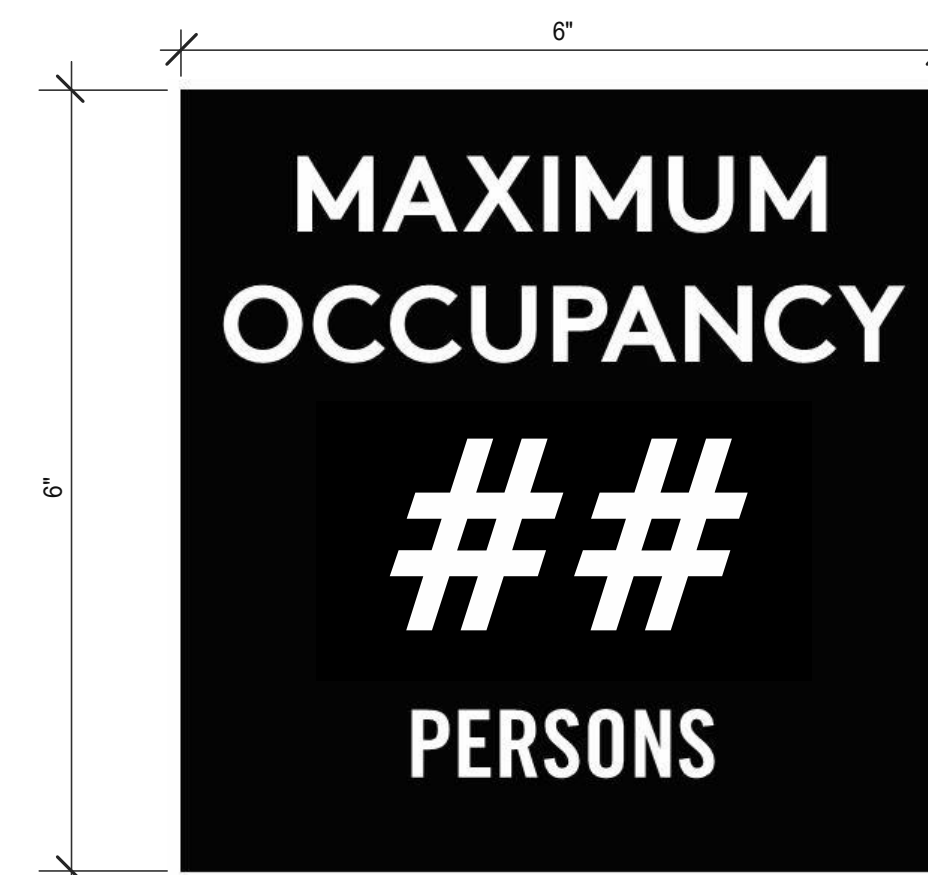
**NO SMOKING SIGN** (L201) **1**



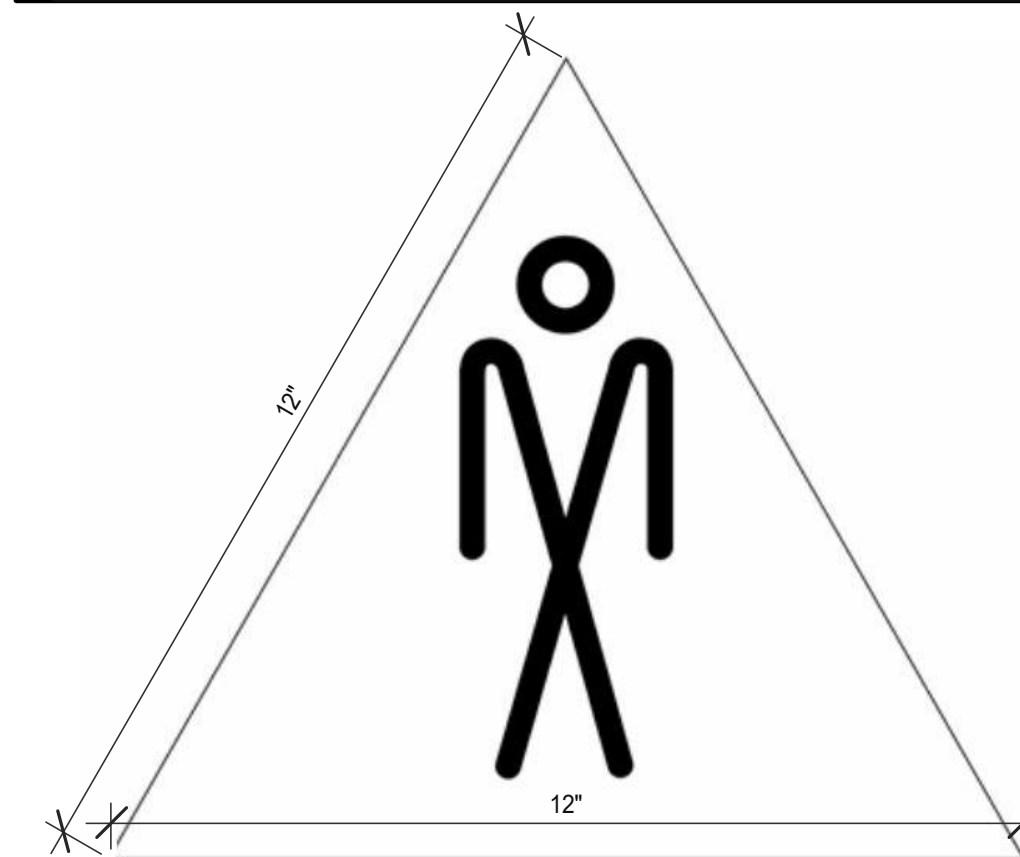
**3 STREAM TRASH 2 - LABELS** (L221) **14**



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



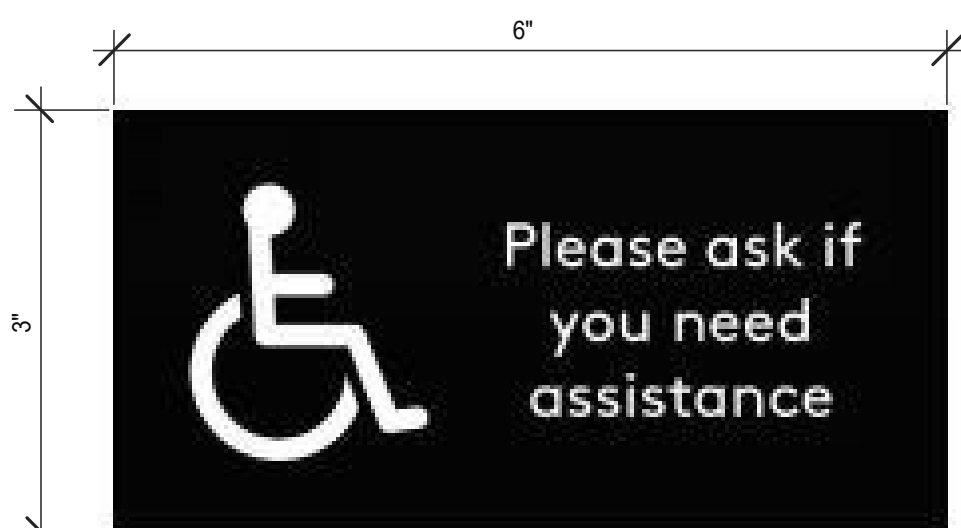
**OCCUPANCY SIGN** (L205) **6**



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



**CLEAN RESTROOM SIGN** (L202) **3**



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



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



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

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

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
SIGNAGE  
DETAILS

G4.1

PLOT DATE: 9/7/2022 6:50:58 AM





**GPD GROUP, INC.**  
LIC. # - 30920

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

**SPECIAL INSPECTION AND TESTING:**

THIS PROJECT REQUIRES SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH CHAPTER 17 OF THE 2018 INTERNATIONAL 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 IBC 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, IBC 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, NYC 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, IWC 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 RCSC'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 INTERNATIONAL 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
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: JRM  
JOB NO.: 2021088.17

**TACO BELL**

5201 Hamlin Groves Trail  
Winter Garden, FL 34787



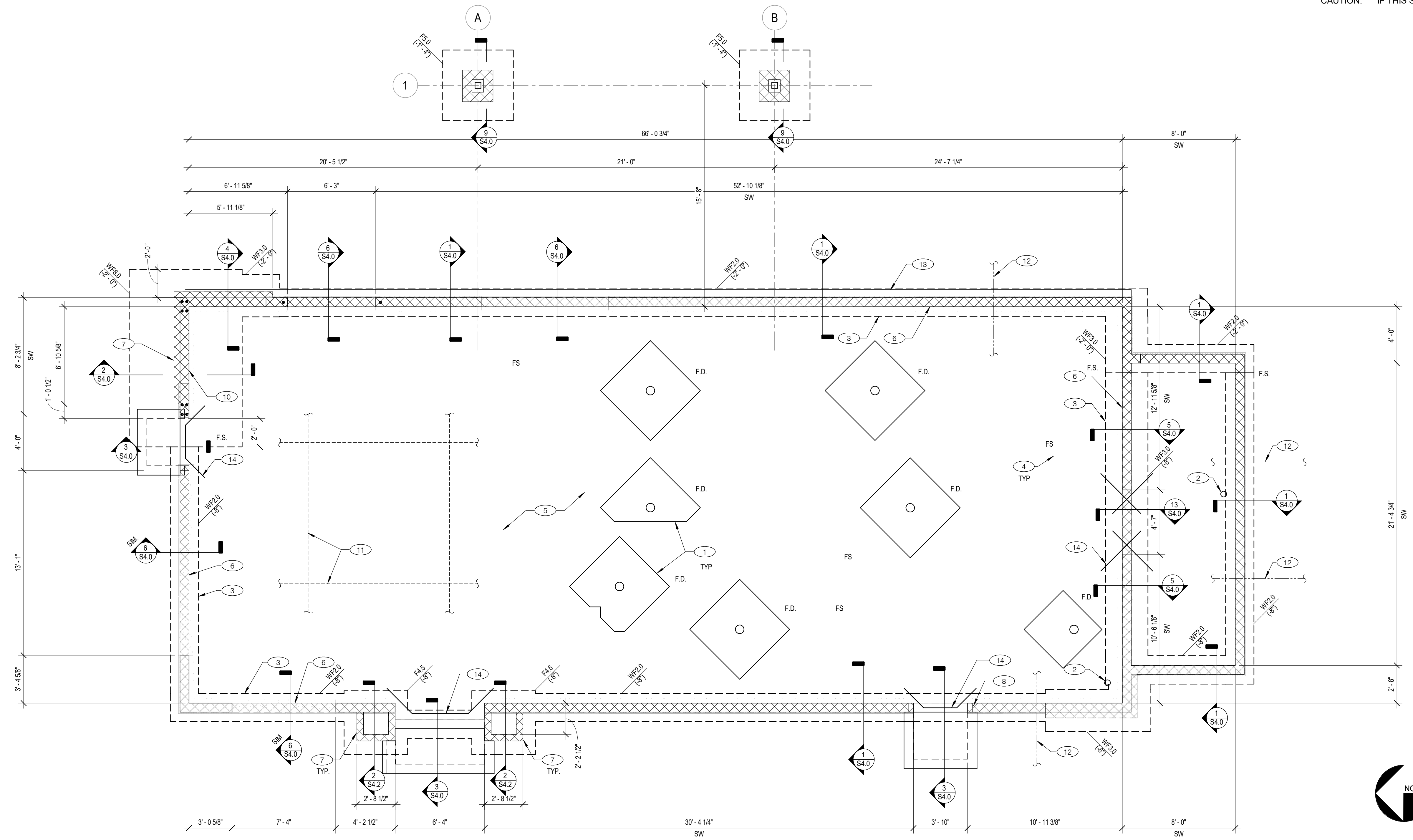
ENDEAVOR 2.0  
**STRUCTURAL  
SPECIAL  
INSPECTIONS**

**S0.2**

PLOT DATE: 9/7/2022 7:29:21 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) #5 BARS TOP & BOTTOM E.W.
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
WFR1	8'-0"	CONT.	2'-4"	#5@12" O.C. EACH WAY TOP & BOTTOM

\*"FX" DENOTES SPREAD FOOTING  
 \*WF.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.

- (1) 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.
- (2) PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- (3) INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- (4) FLOOR SINK REFER TO PLUMBING DRAWINGS FOR LOCATION.
- (5) 4" CONCRETE SLAB REINFORCED W/ 6x6-W2 9x2.9 WWF. OVER 10 MIL VAPOR RETARDER MEMBRANE. OVER 6" AGGREGATE BASE OVER SUBGRADE. MODIFY SOIL AND BASE AS REQUIRED BY GEOTECHNICAL ENGINEER.
- (6) 8" CMU WALL PERIMETER WALL. SEE DETAIL 15/S4.0 FOR TYPICAL WALL REINFORCING.
- (7) 6" CMU STEM WALL W/ (1) #6 @ 24" O.C. CENTERED IN WALL. GROUT IN SOLID. SEE S4.0 FOR DETAILS.
- (8) NOT USED.
- (9) NOT USED.
- (10) 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.
- (11) 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.
- (12) UNDERGROUND UTILITY LINE. COORD. WITH CIVIL, MECH., ELECTRICAL & PLUMBING. NOT ALL LOCATIONS SHOWN ON PLAN. SEE DETAIL 14/S4.0 FOR ADDITIONAL INFORMATION.
- (13) CONCRETE CURB CONT. ALONG SIDE OF EXTERIOR SIDE OF THE BUILDING. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.
- (14) (2) #4x3'-0" LONG RE-ENTRANT BARS TO BE PROVIDED AT ALL SLAB RE-ENTRANT CORNERS.

**FOUNDATION SCHEDULE & NOTES** **D**

**FOUNDATION PLAN NOTES** **C**

**KEY NOTES** **B**

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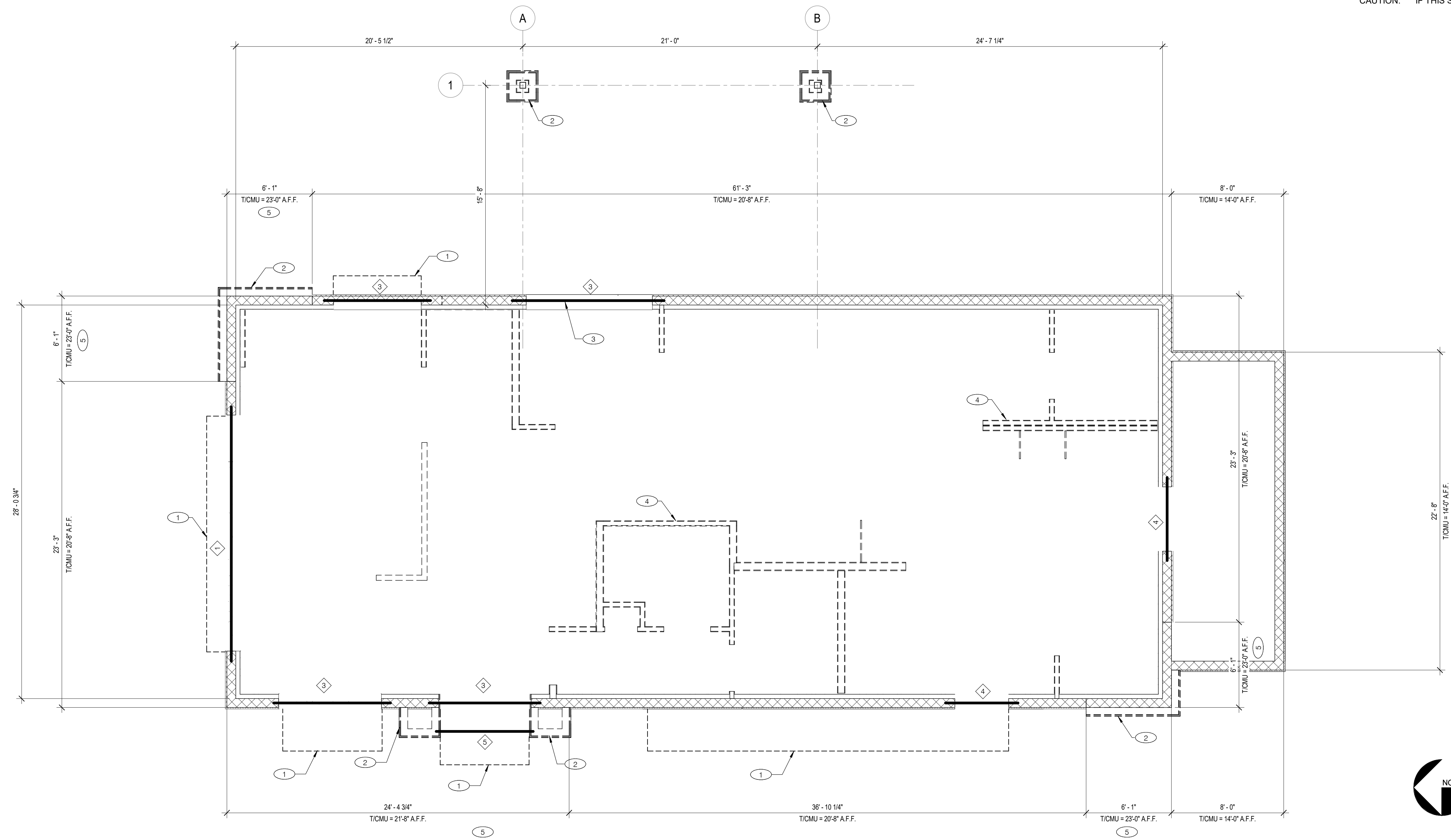
**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0**  
**FOUNDATION PLAN**

**S1.0**

PLOT DATE: 9/7/2022 7:29:23 AM



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**LINTEL/EXTERIOR FRAMING PLAN** 1/4" = 1'-0" **1**

- 1 W16x36 STEEL BEAM. B/STEEL = 9'-0" A.F.F. SEE DETAIL 15/S4.1
- 2 NOT USED.
- 3 8"x28" CMU LINTEL WITH (2)-#6 BARS T&B. B/LINTEL = SEE ARCH.
- 4 8"x20" CMU LINTEL WITH (2)-#6 BARS T&B. B/LINTEL = 7'-0" A.F.F.
- 5 LIGHT GAUGE HEADER, SEE 1/S4.2. B/HEADER = SEE ARCH.

- T.O. CMU WALL ELEVATION VARIES. SEE PLAN.
- SEE S0.1 FOR GENERAL STRUCTURAL NOTES.
- SEE DETAIL 15/S4.0 FOR TYPICAL CMU WALL REINFORCING.
- VERIFY ALL LINTEL ELEVATIONS WITH ARCH'L PLANS.
- SEE DETAIL 13/S4.1 FOR TYPICAL STEEL LINTEL DETAIL.

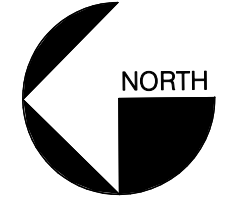
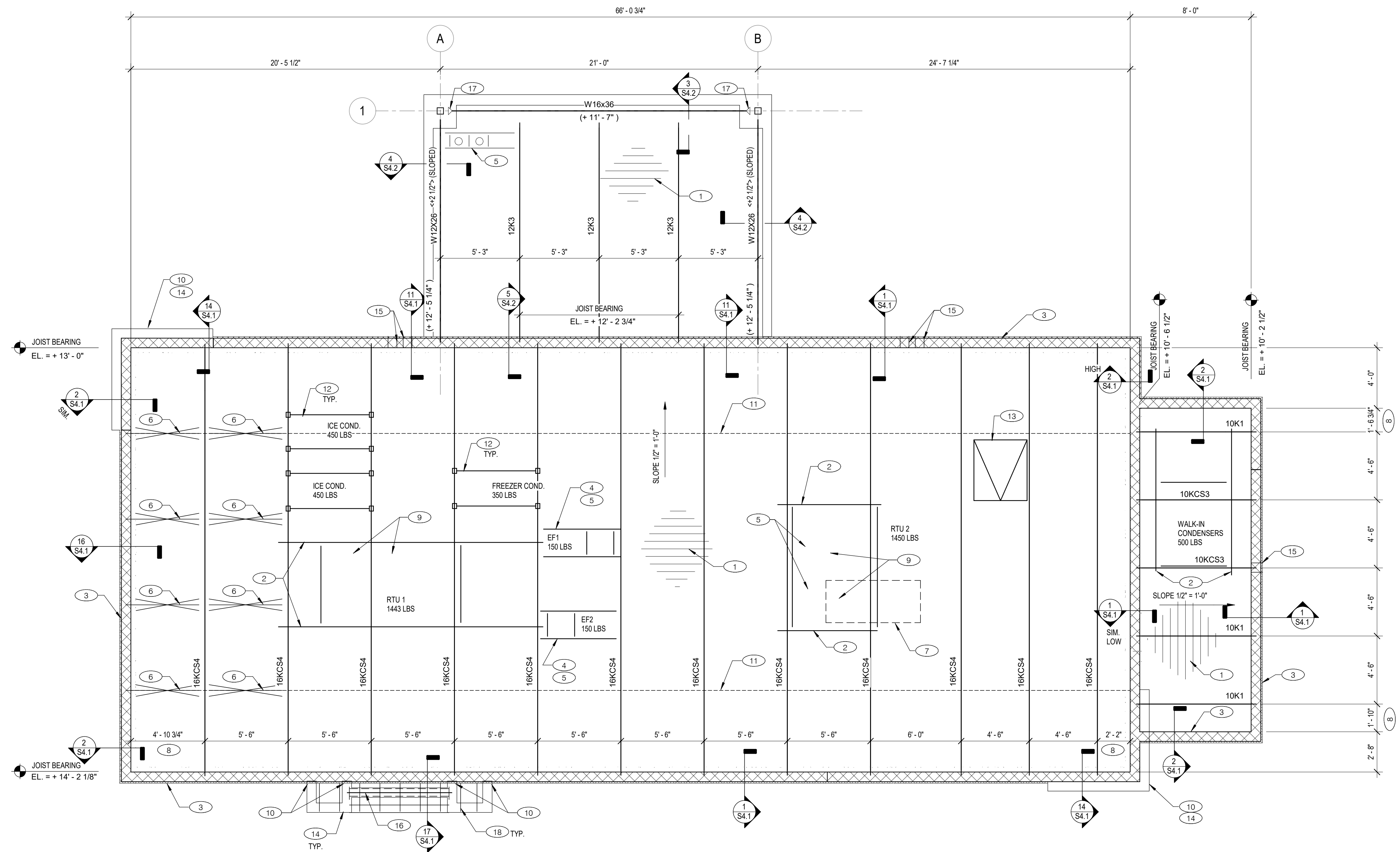
- 1 CANOPY/AWNING/TRELLIS/VALANCE. SEE S/S4.1 FOR ATTACHMENT TO CMU WALL.
- 2 GALVANIZED LIGHT GAUGE FRAMING @ 16" O.C. ON MASONRY STEMWALL / PIER; SEE SHEET S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD. ATTACH STUDS TO FACE OF CMU WALL WITH 6"X 16GA GALVANIZED STRUTS @ 24" O.C. ATTACH STRUT TO MASONRY 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.
- STUD SIZES:  
600S162-43 STUDS ON 6" OR 8" CMU
- 3 ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- 4 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.
- 5 (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.

**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787

**TACO BELL**  
 ENDEAVOR 2.0  
**WALL FRAMING PLAN**

**S2.0**  
 PLOT DATE: 9/7/2022 7:29:24 AM

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DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: JRM  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 ROOF FRAMING  
 PLAN**

**S3.0**

PLOT DATE: 9/7/2022 7:29:24 AM

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

**GENERAL ROOF FRAMING NOTES:**

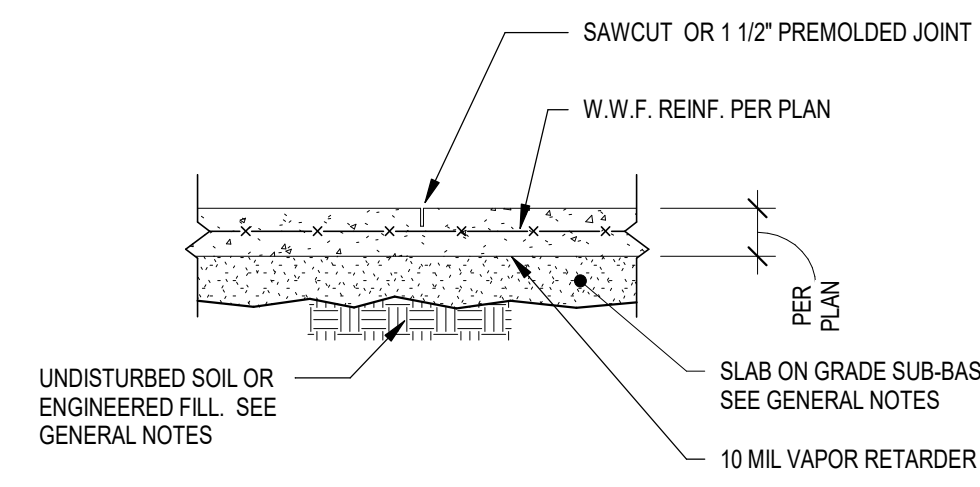
- SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES AND S0.2 & S0.3 FOR SPECIAL INSPECTIONS.
- BASE REFERENCE ELEVATION IS FROM FINISH FLOOR ELEVATION = (0'-0"). ALL ELEVATIONS ARE REFERENCED FROM BASE ELEVATION AND ARE SHOWN AS (+/-'-x").
- FOR DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.
- COORDINATE 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 (3) #10 TEK SCREWS
- 2 MC6x15.1 LAD 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
- 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 SJI 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 DENOTES PARTIALLY RESTRAINED MOMENT CONNECTION. REFER TO 6/S4.2 FOR MOMENT CONNECTION DETAIL.
- 18 LIGHT GAUGE ROOF FRAMING. SEE 17/S4.1.

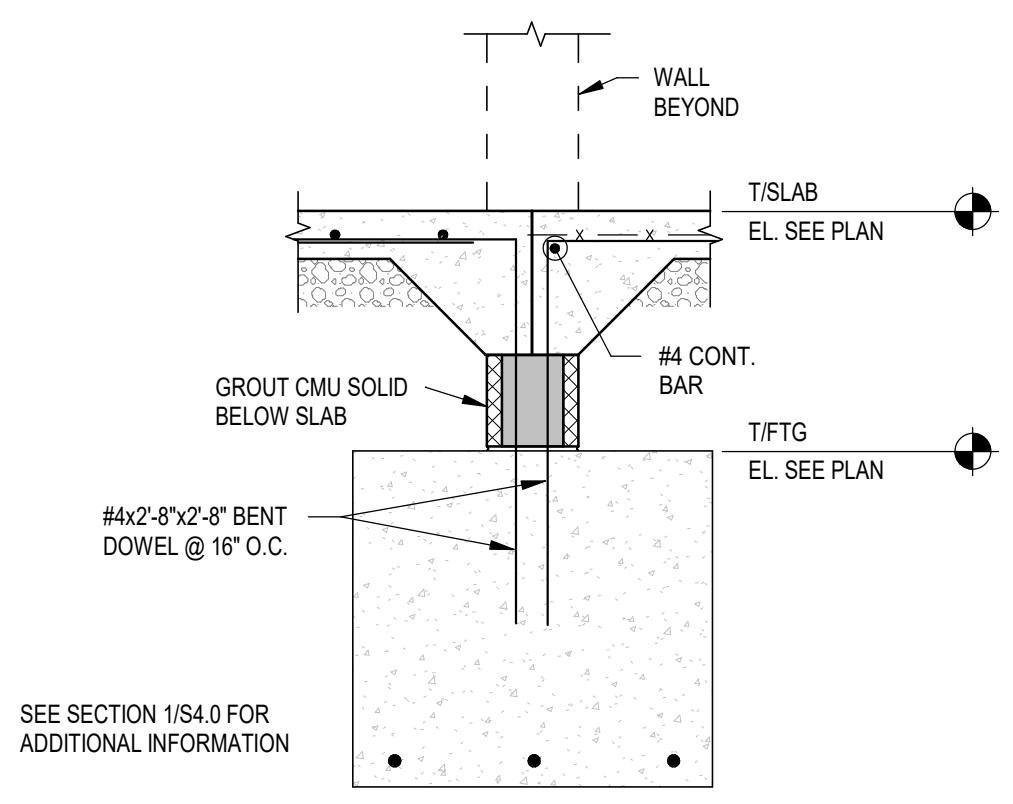
**ROOF FRAMING NOTES** **C**

**KEY NOTES** **B**

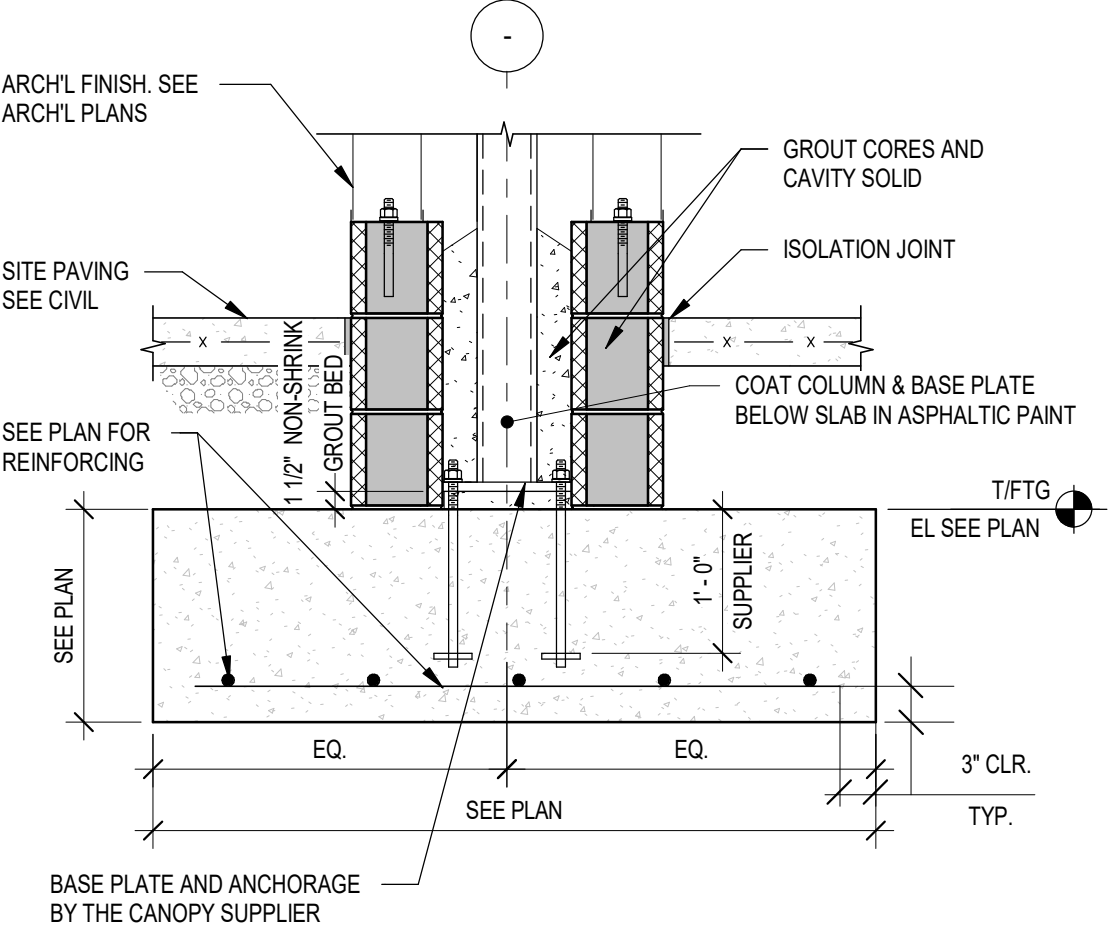


**CONTROL JOINT**

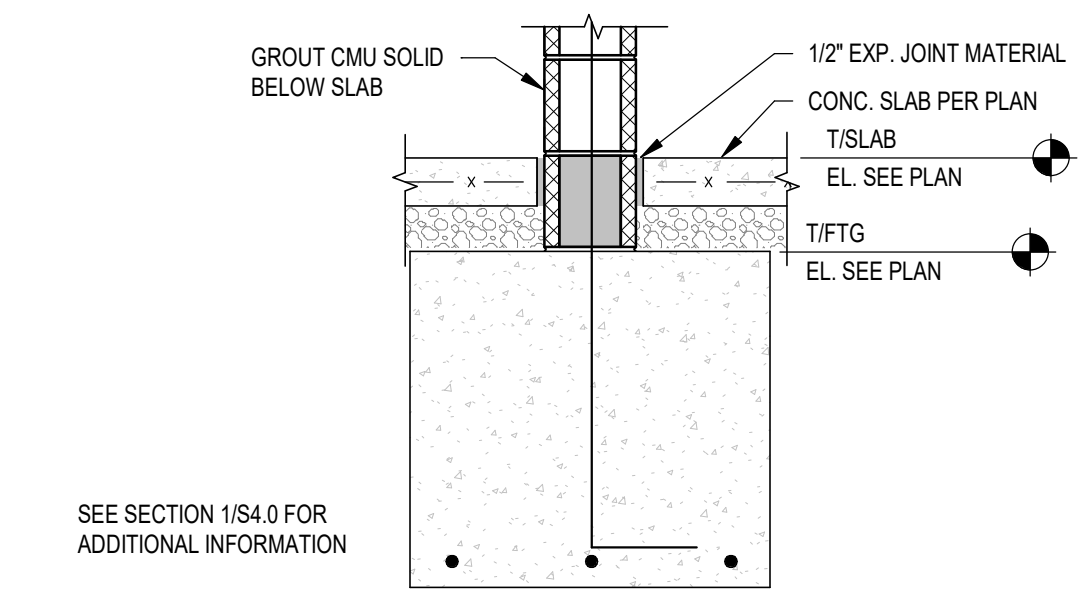
NOTES:  
 1) FOR CONSTRUCTION OR CONTROL JOINT LOCATIONS, REFERENCE FOUNDATION/SLAB PLAN.  
 2) USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.  
 3) PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF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



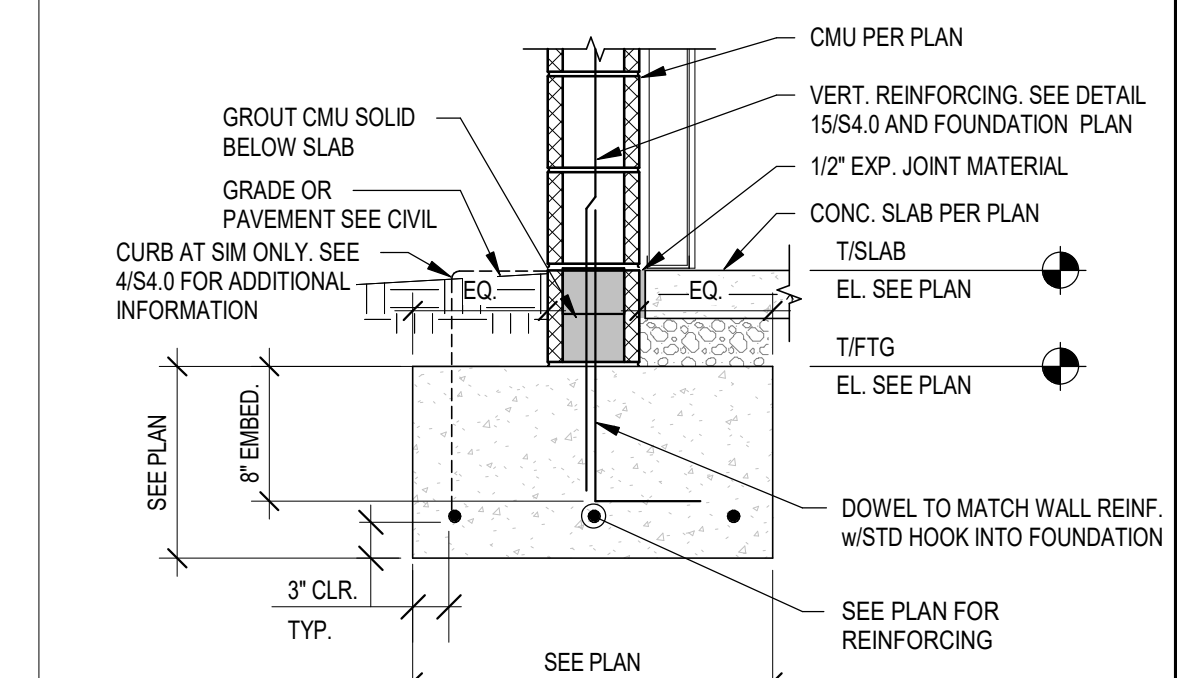
**FOOTING AT DOOR OPENING** 3/4" = 1'-0" **13**



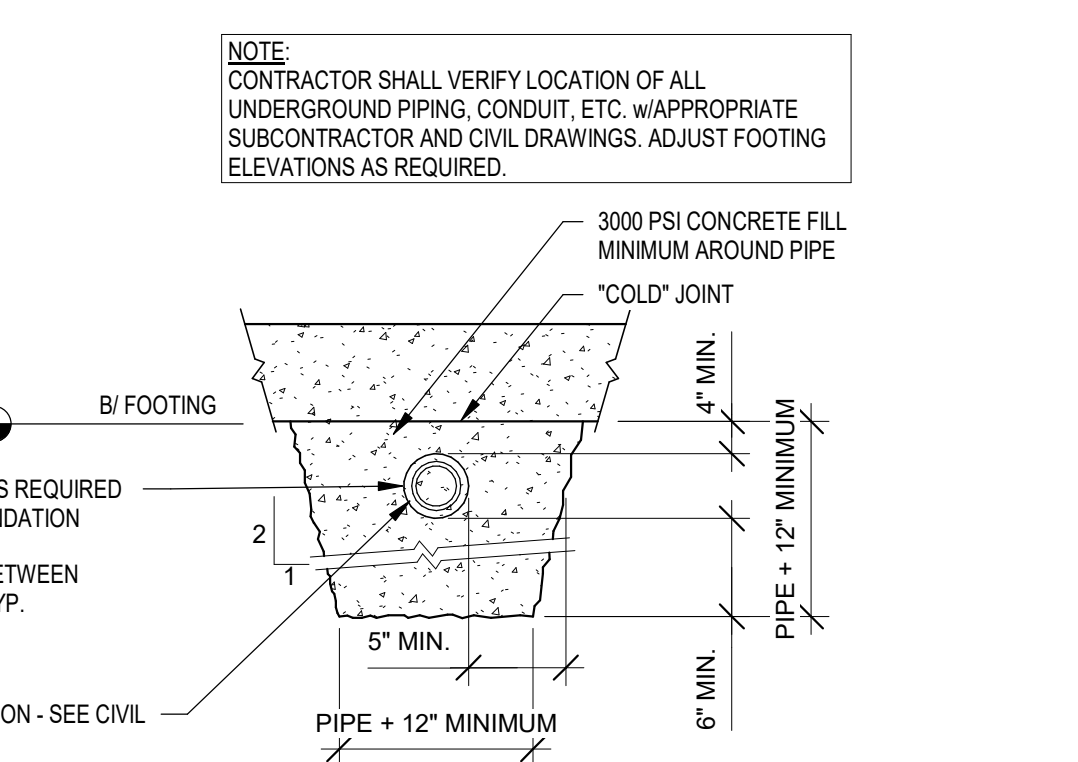
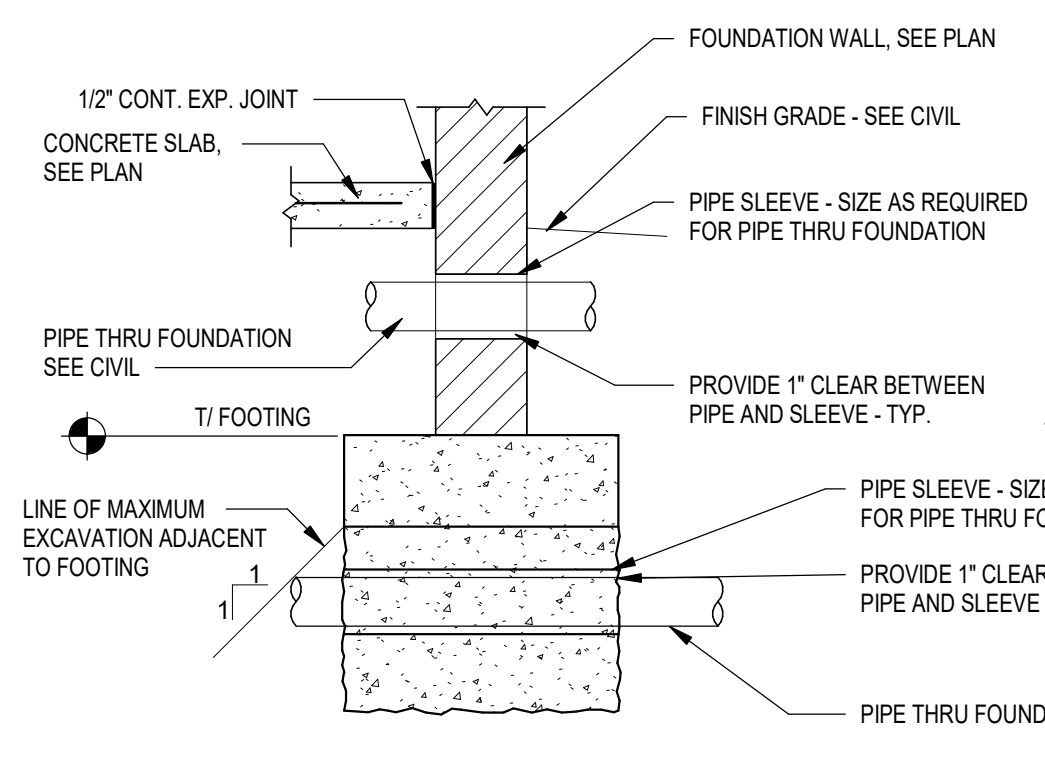
**FOOTING @ COLUMN** 3/4" = 1'-0" **9**



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

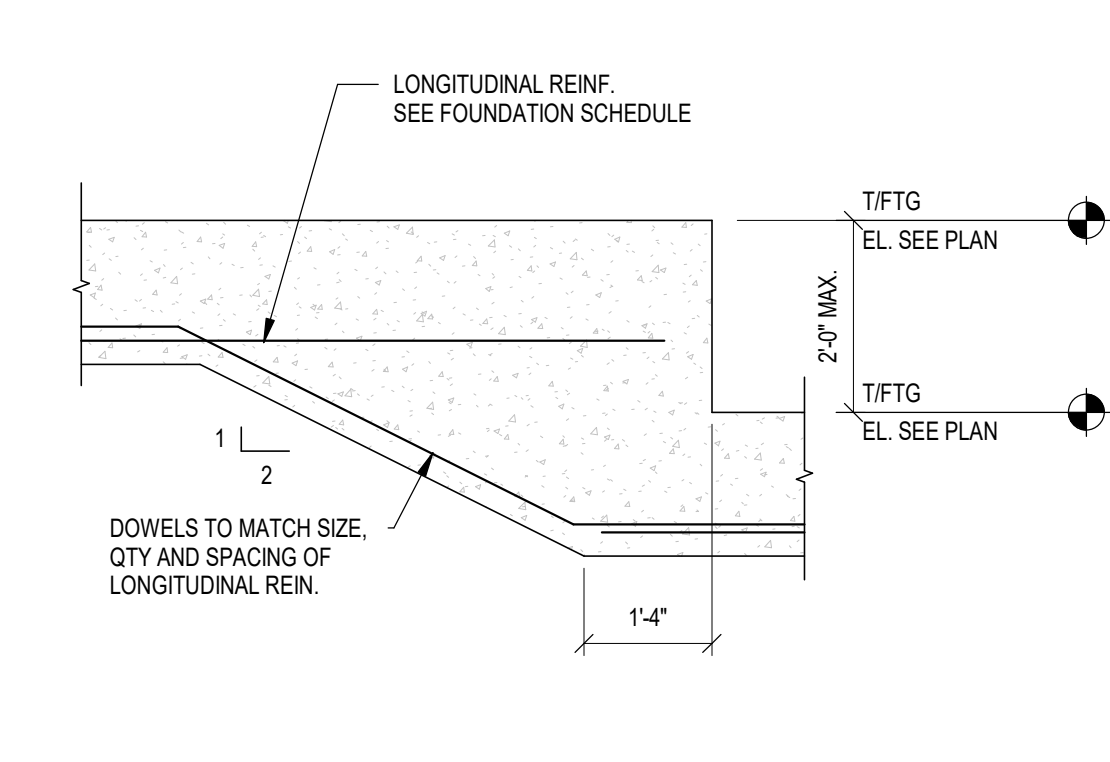


**FOOTING @ SIDE & REAR WALLS** 3/4" = 1'-0" **1**

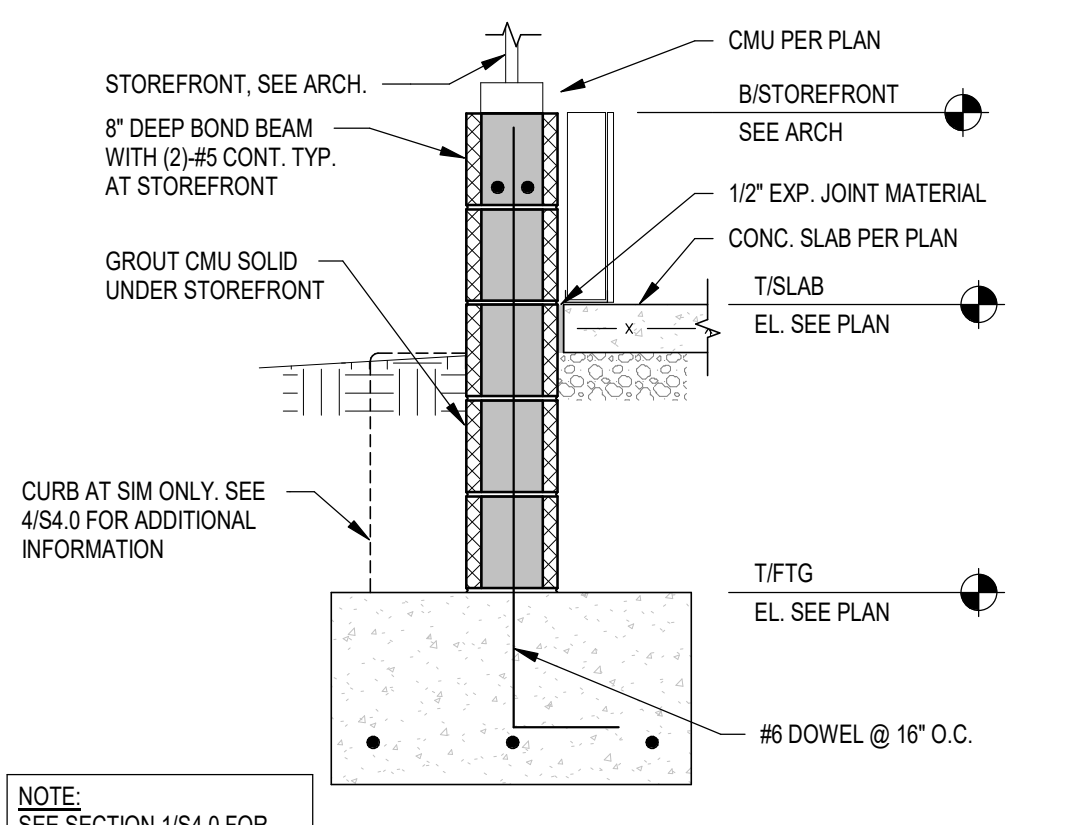


NOTE:  
 CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND PIPING, CONDUIT, ETC. W/APPROPRIATE SUBCONTRACTOR AND CIVIL DRAWINGS. ADJUST FOOTING ELEVATIONS AS REQUIRED.

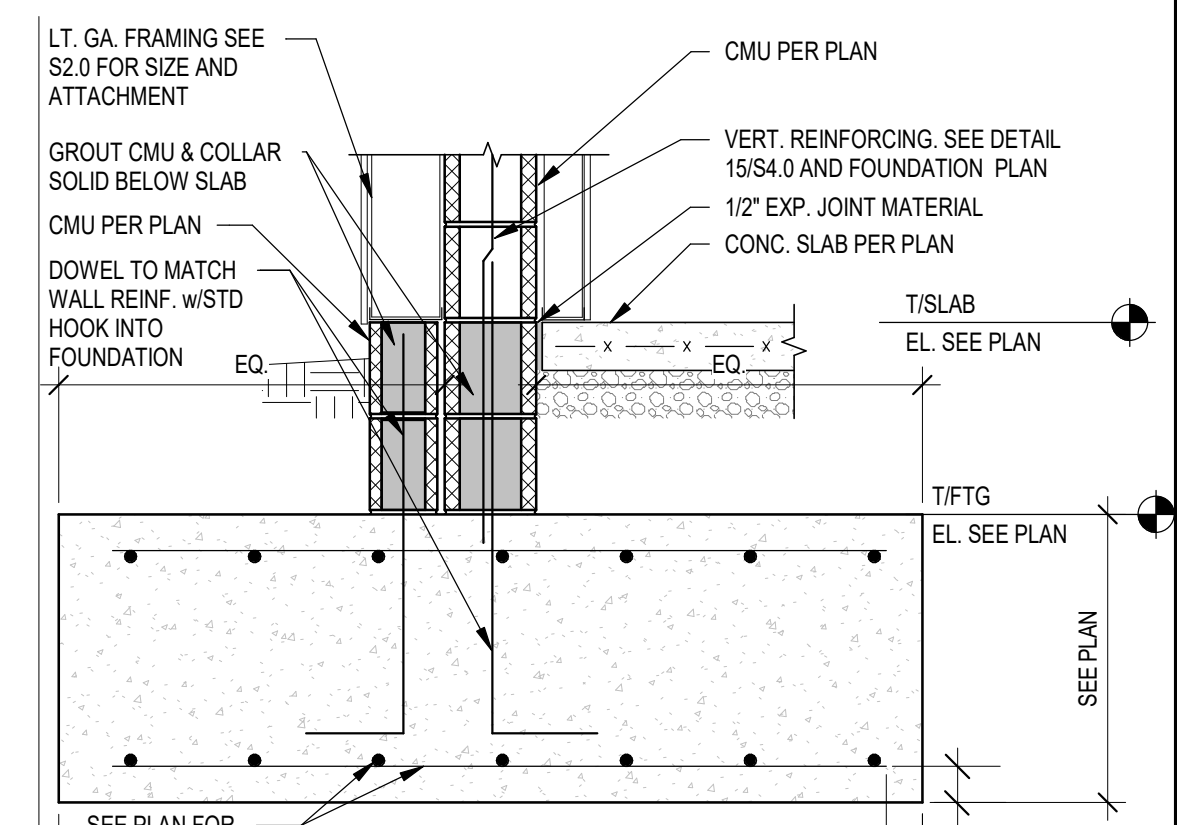
**TYPICAL PIPE AT FOUNDATION / WALL DETAIL** 1/2" = 1'-0" **14**



**TYP. FOOTING STEP DETAIL** 1/2" = 1'-0" **10**



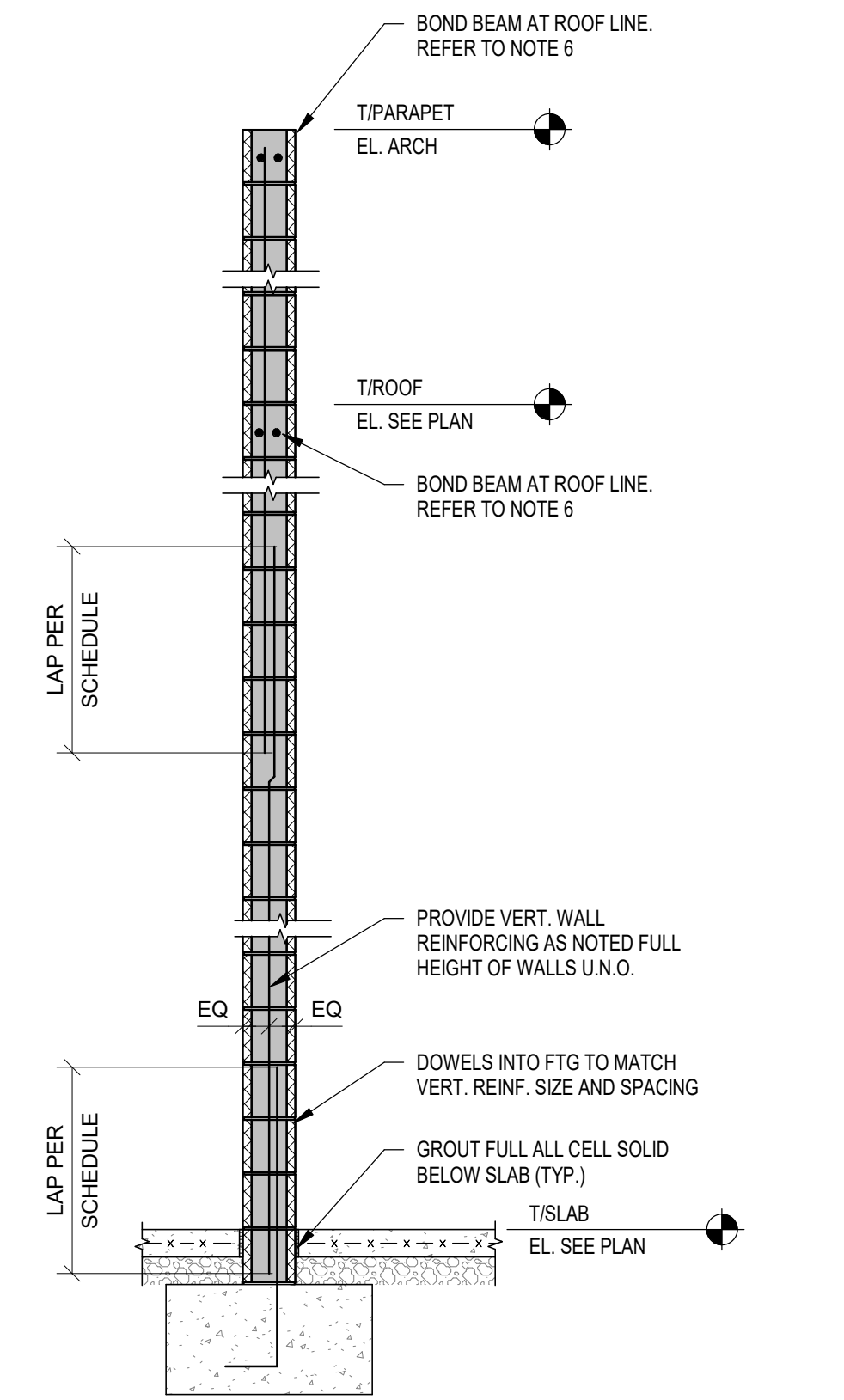
**FOOTING @ STOREFRONT** 3/4" = 1'-0" **6**



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

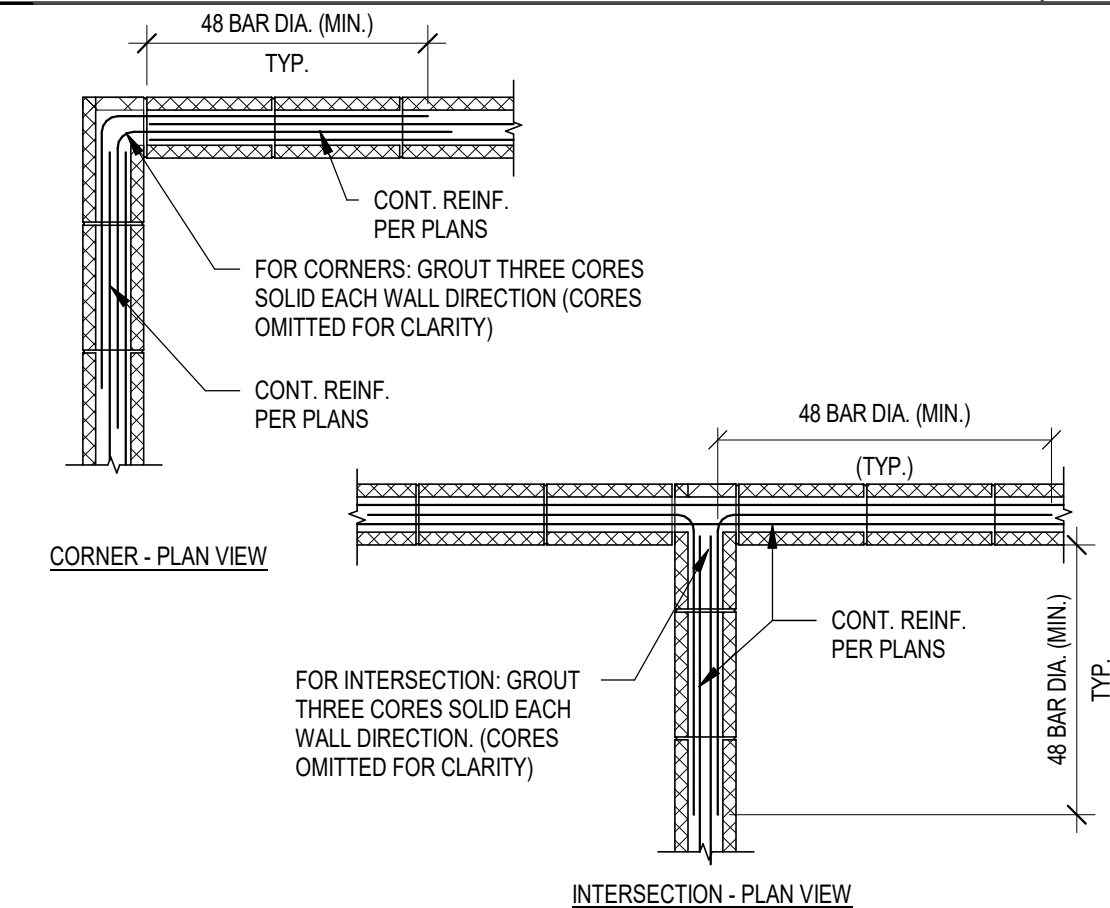
**MASONRY WALL REINFORCING, TYP.**

- ALL MASONRY WALLS ARE USED AS SPECIAL 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.
- 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/S4.0 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/S4.0 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/S4.0 FOR WALL CONTROL JOINT DETAIL.

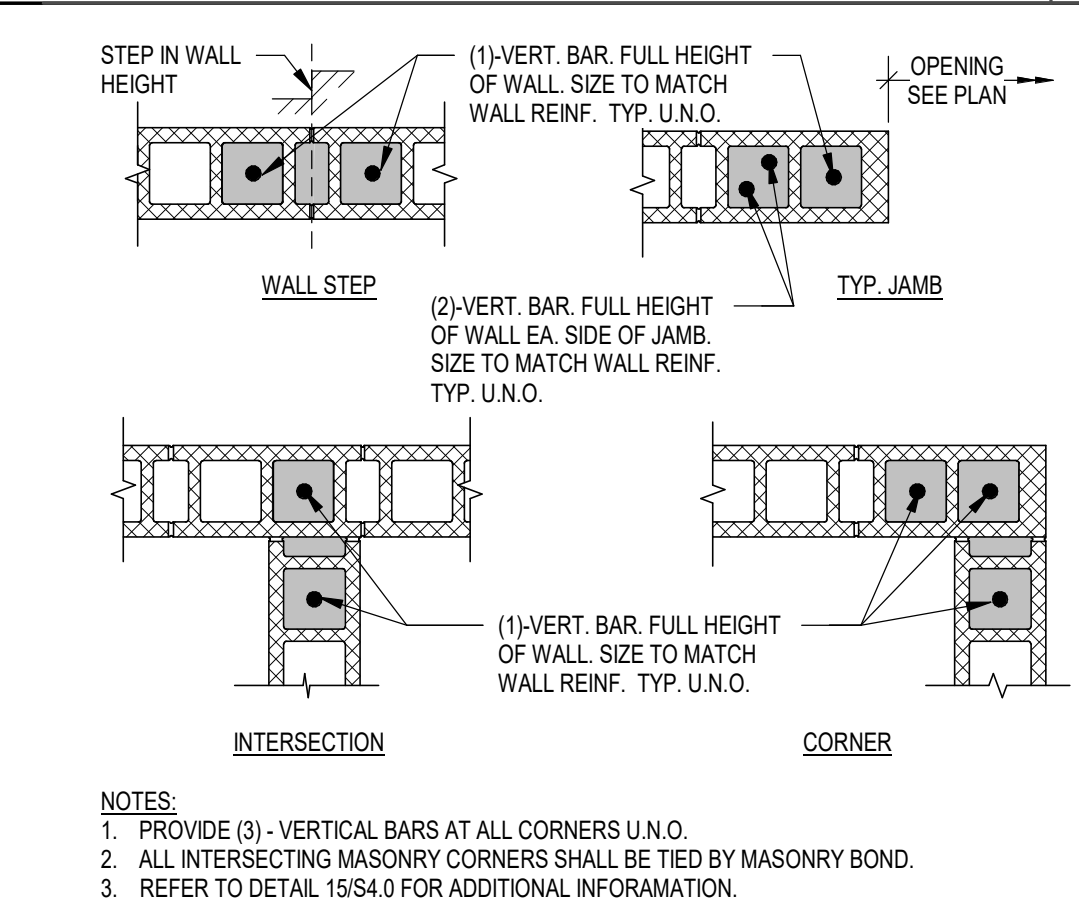


8" CMU LAP SCHEDULE		
	(1)-CURTAIN REINF. CENTERED	(2)-CURTAINS OF REINF.
#4	21"	34"
#5	26"	53"
#6	40"	99"

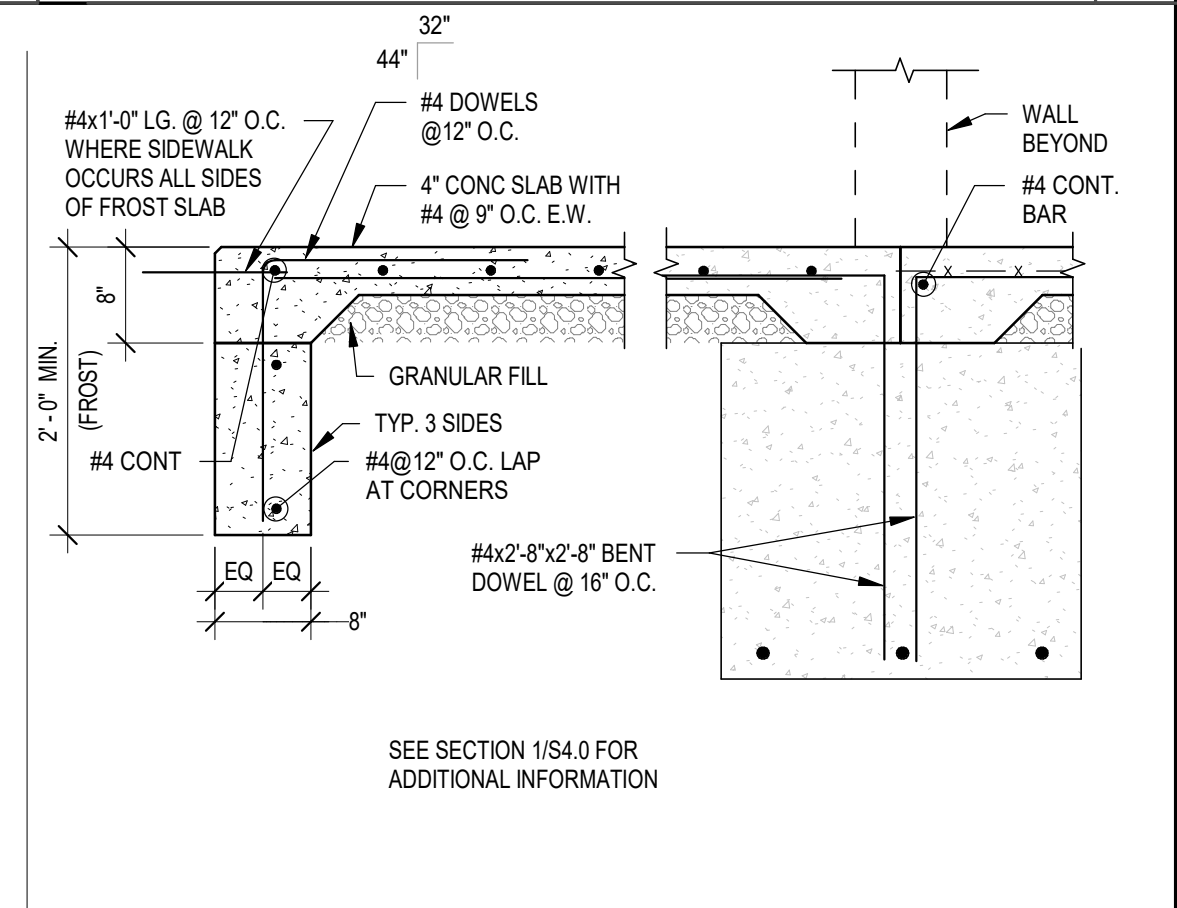
**TYP. MASONRY WALL REINFORCING SECTION & NOTES** 1/2" = 1'-0" **15**



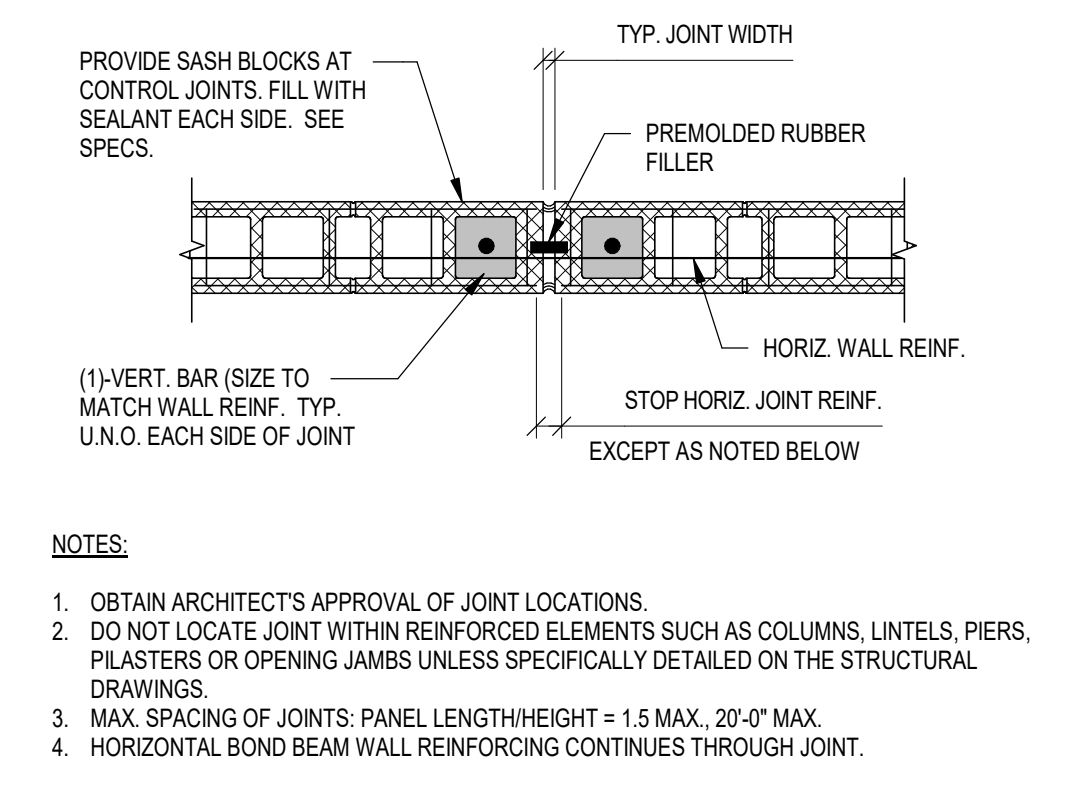
**CMU BOND BEAM DETAILS** 1/2" = 1'-0" **11**



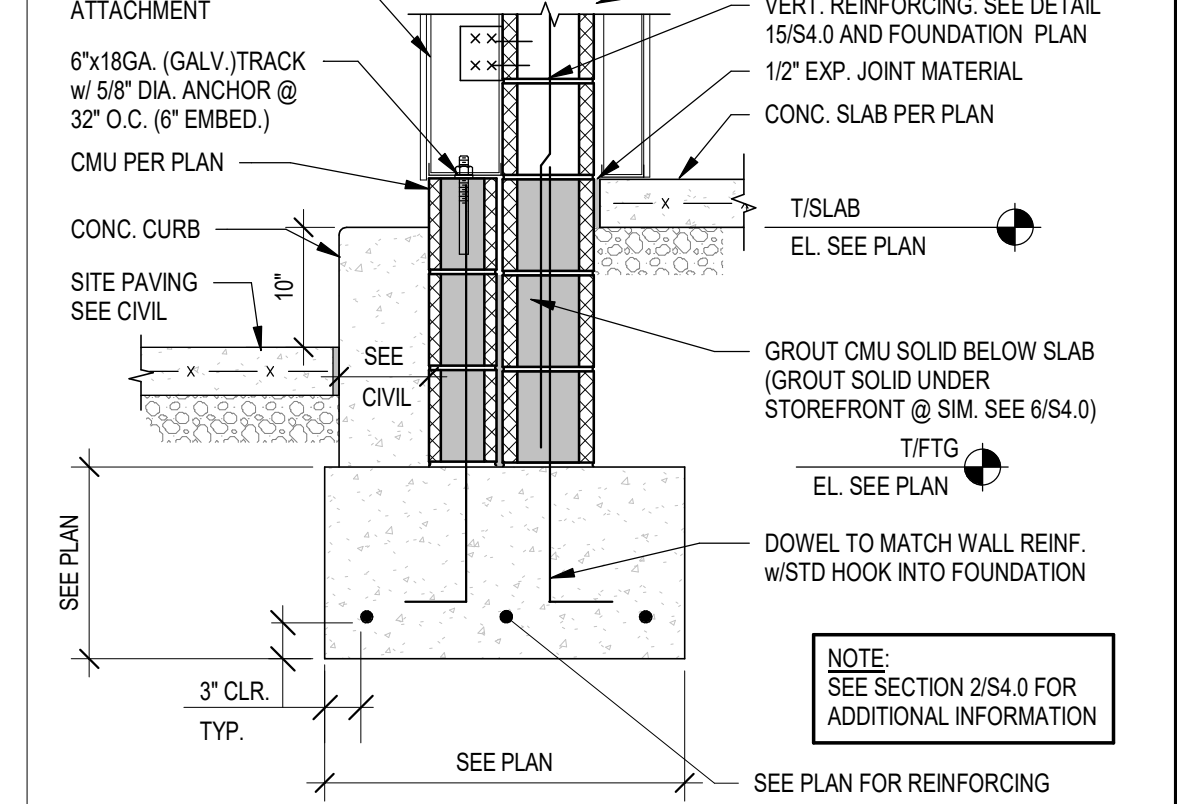
**TYP. MASONRY REINF. DETAILS** 3/4" = 1'-0" **7**



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



**TYP. MASONRY CONTROL JOINT** 3/4" = 1'-0" **8**



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

**TYP. REINF. AT TOWER WALLS** 3/4" = 1'-0" **12**

DATE	REMARKS
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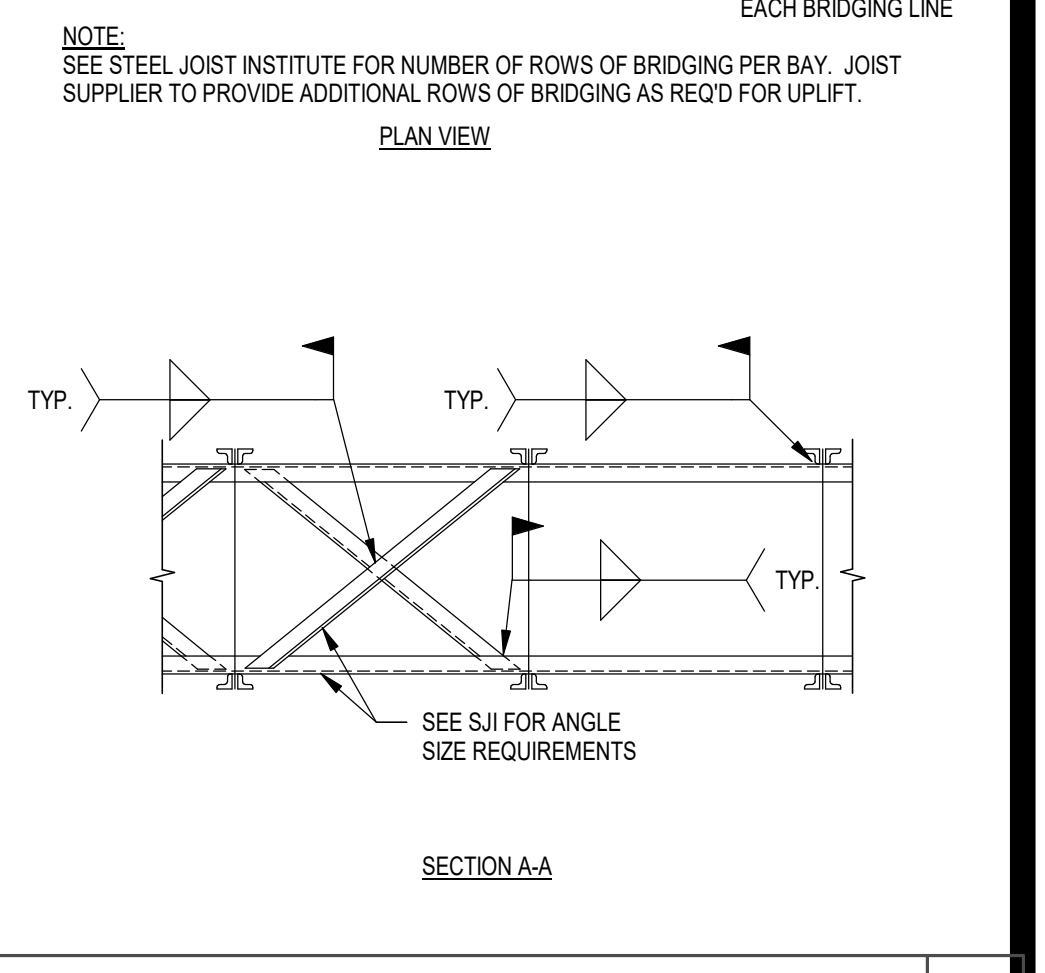
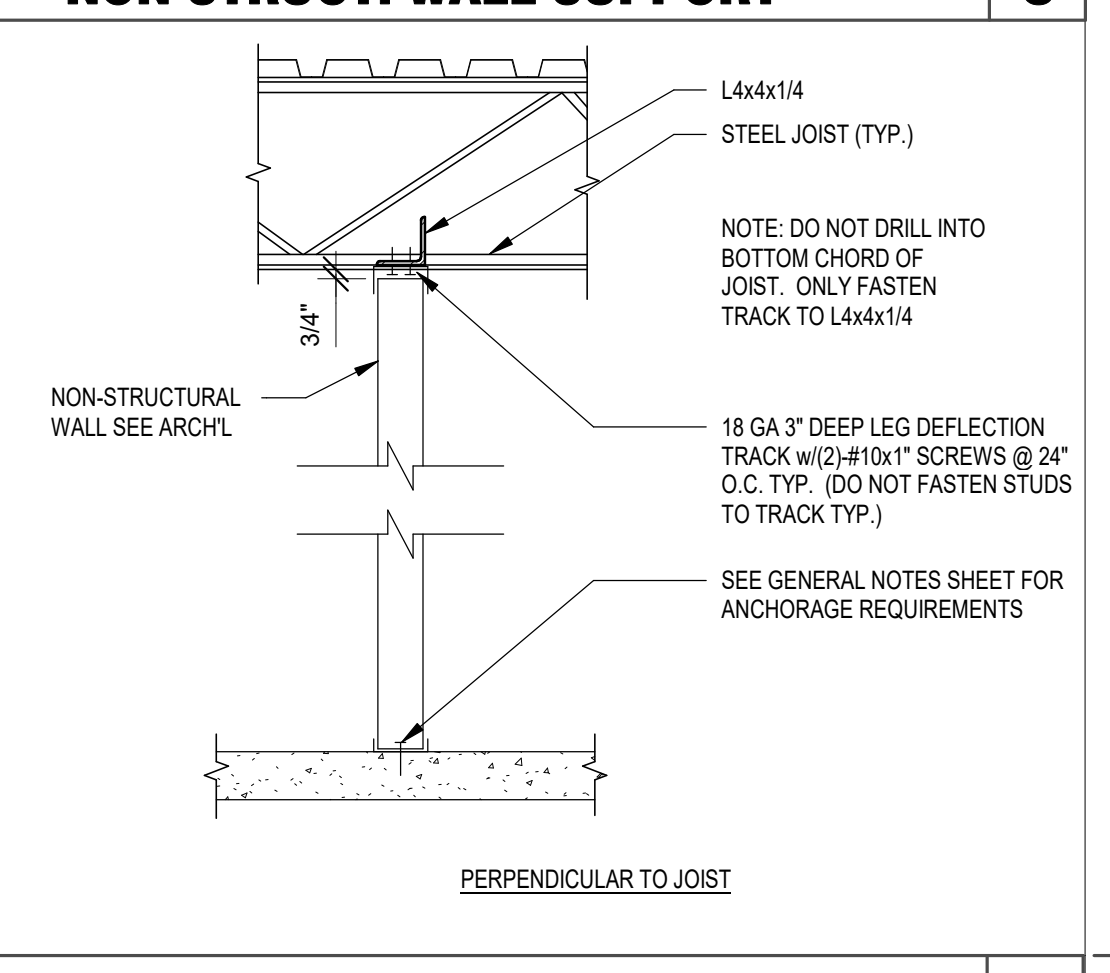
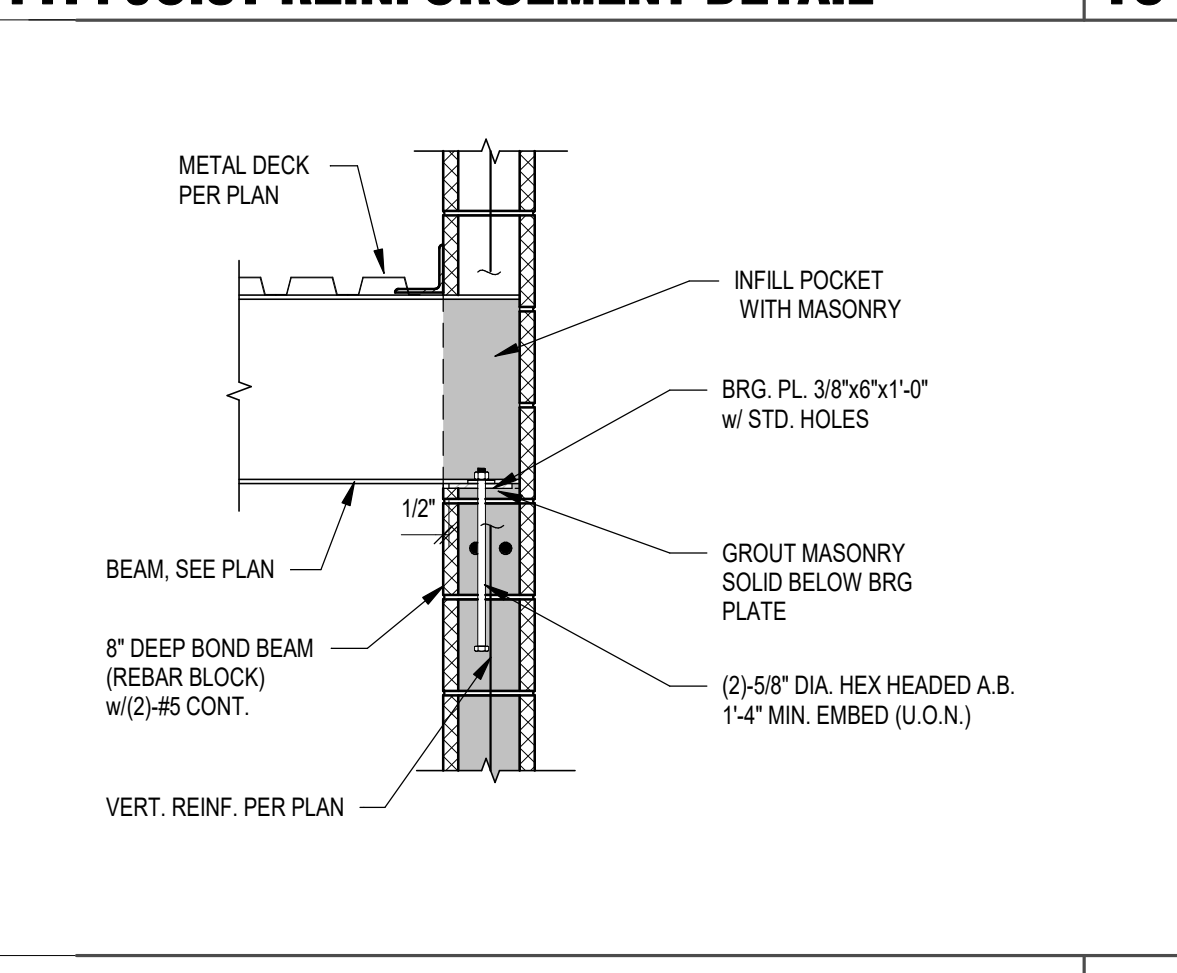
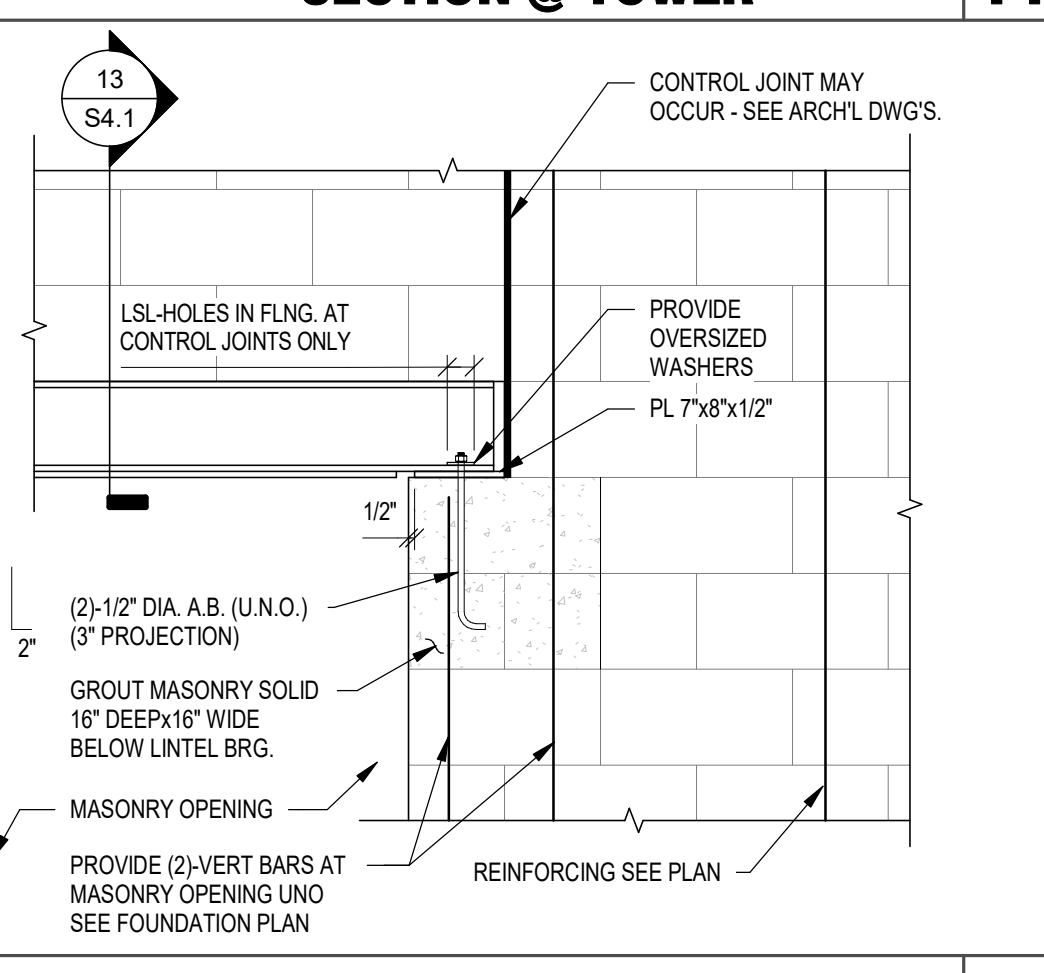
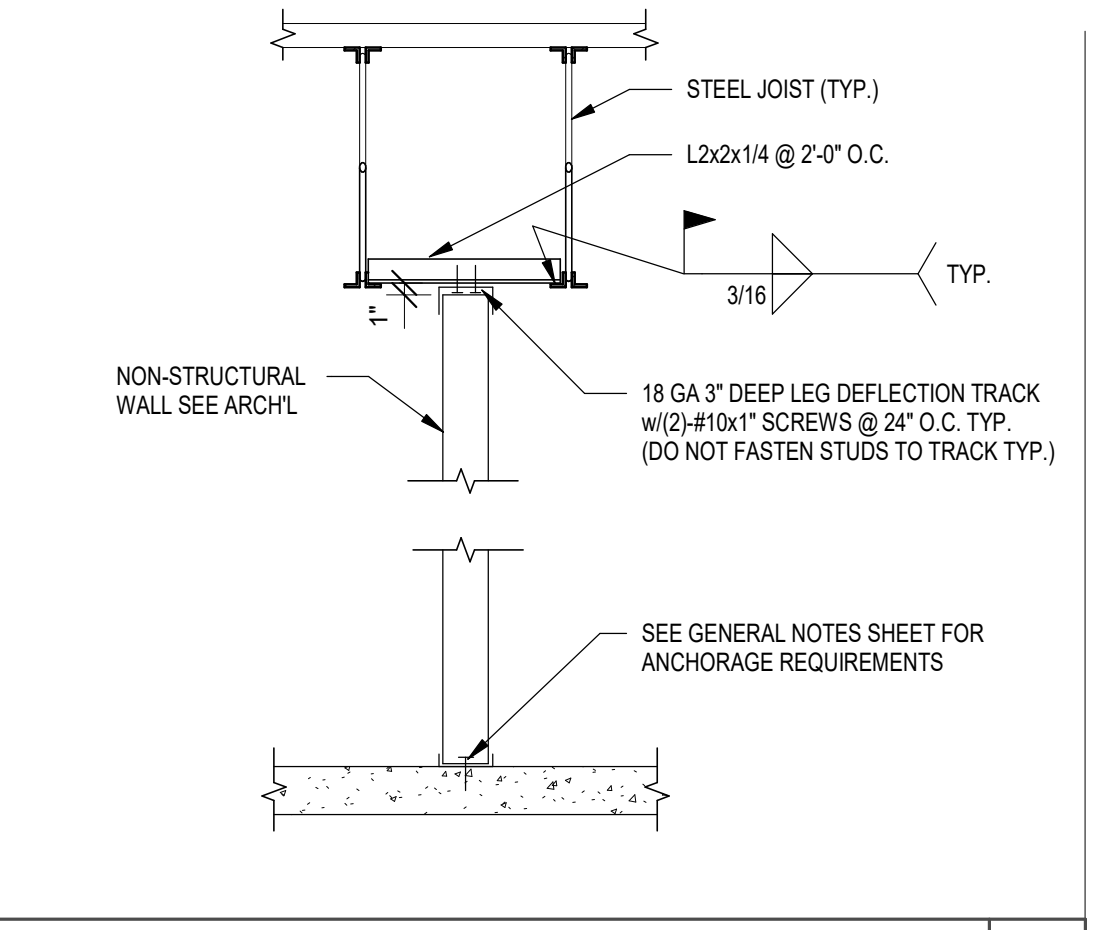
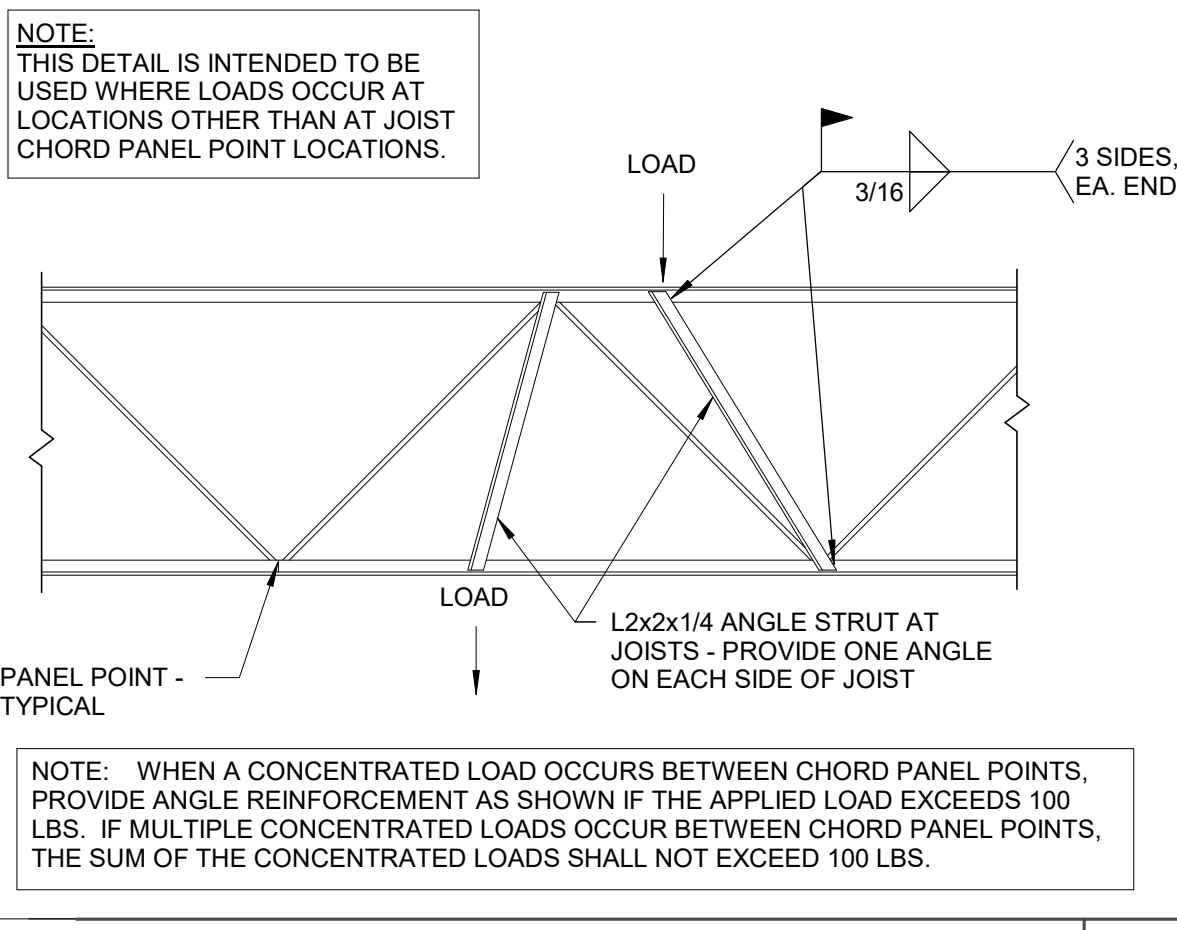
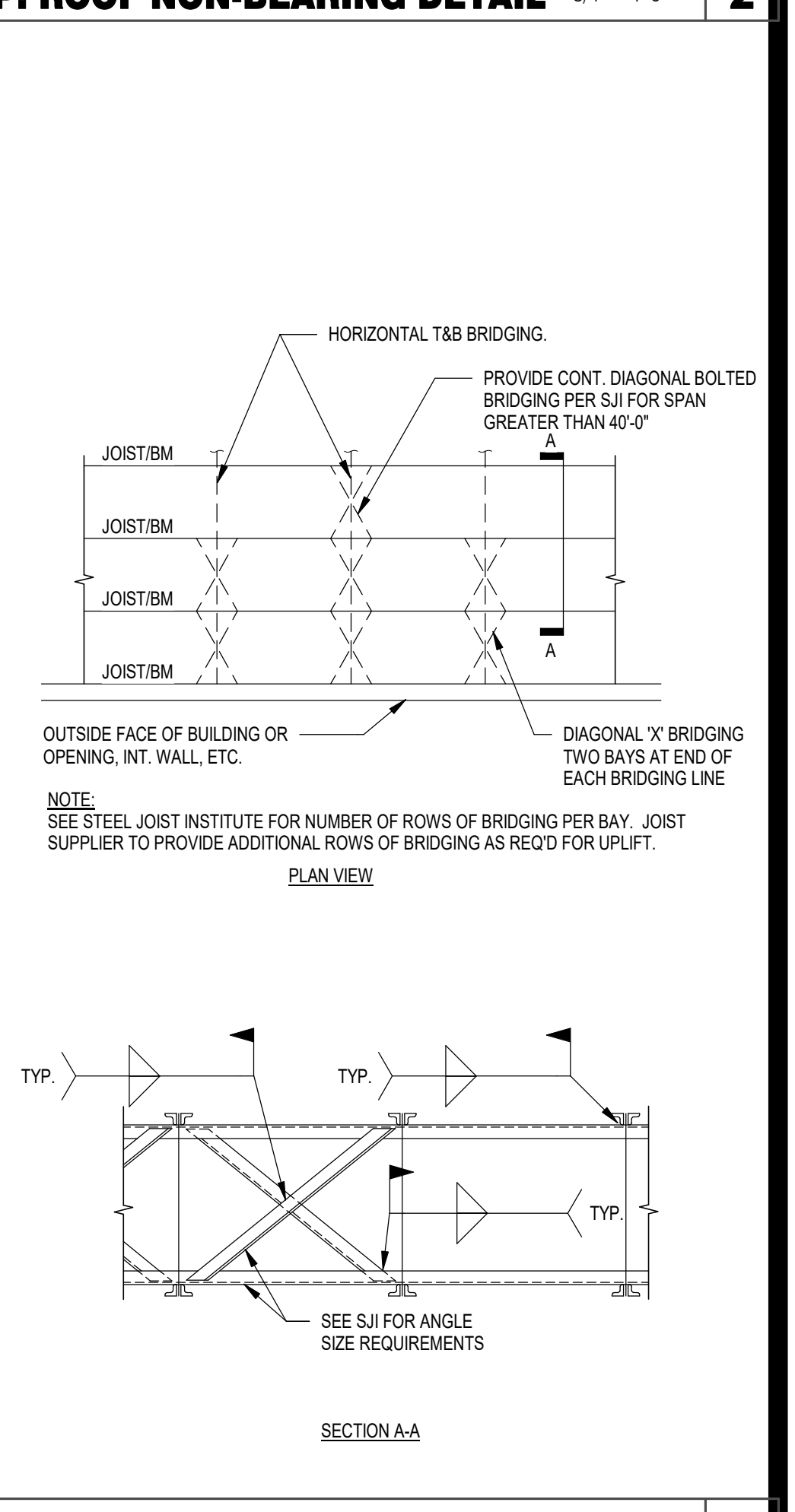
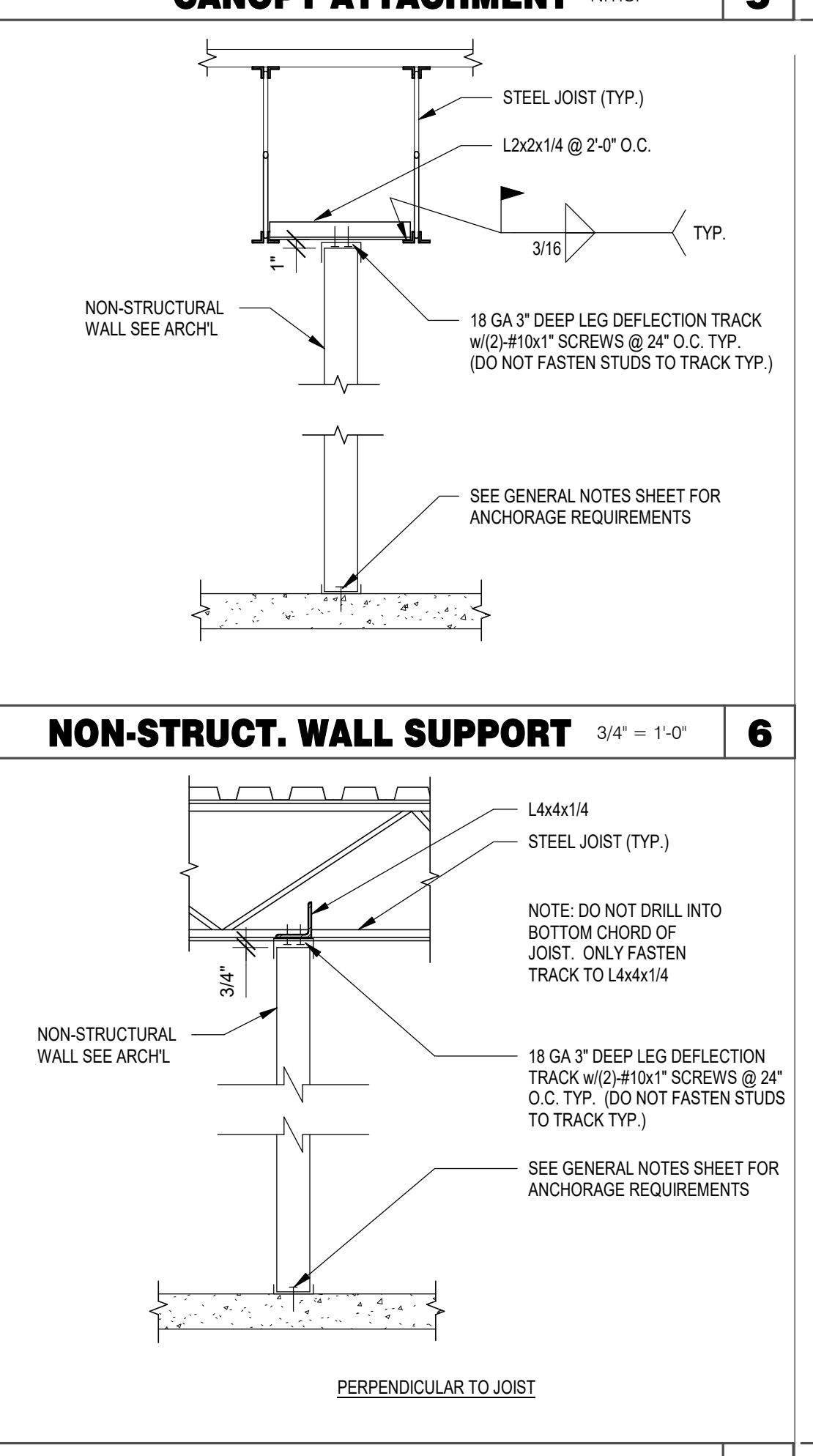
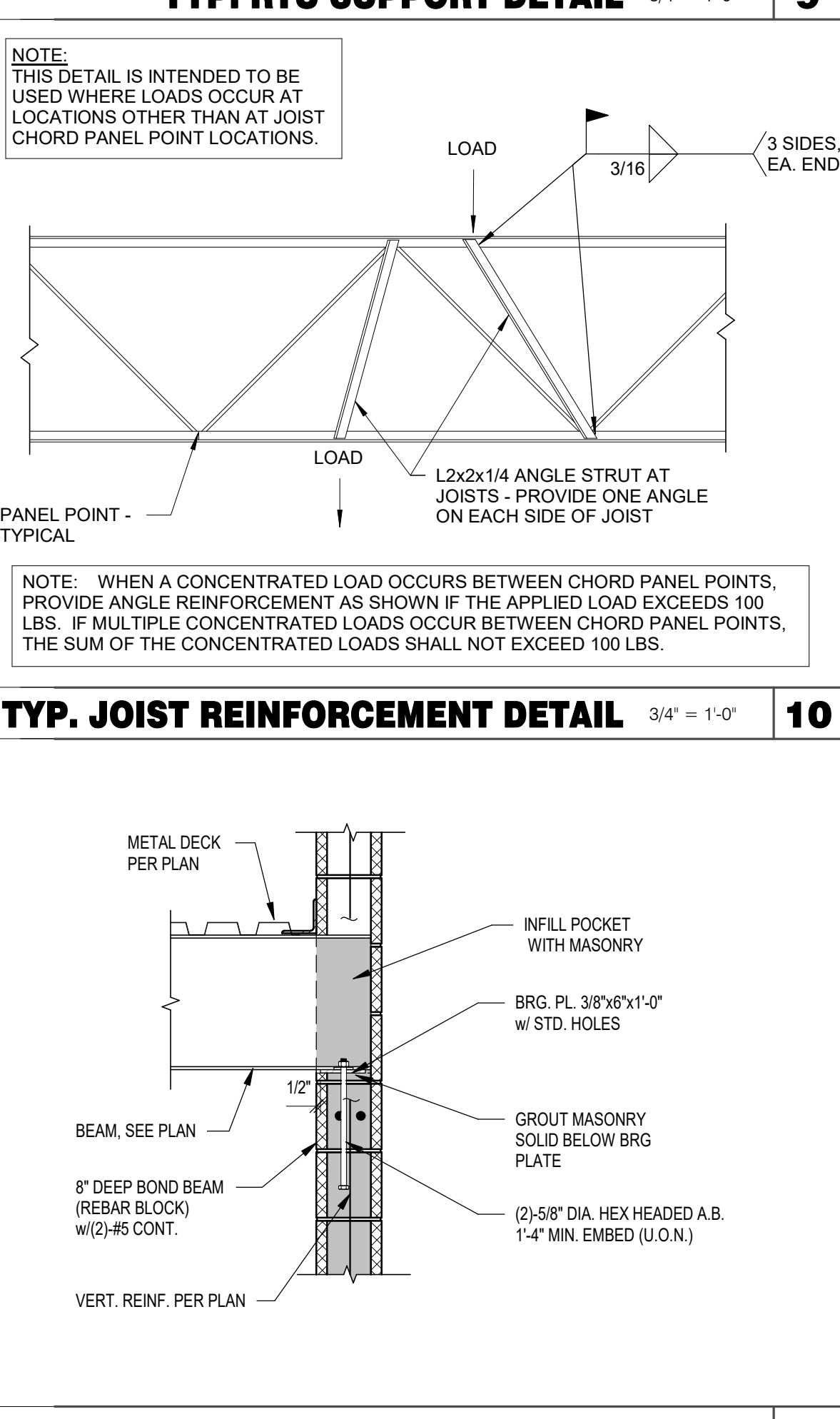
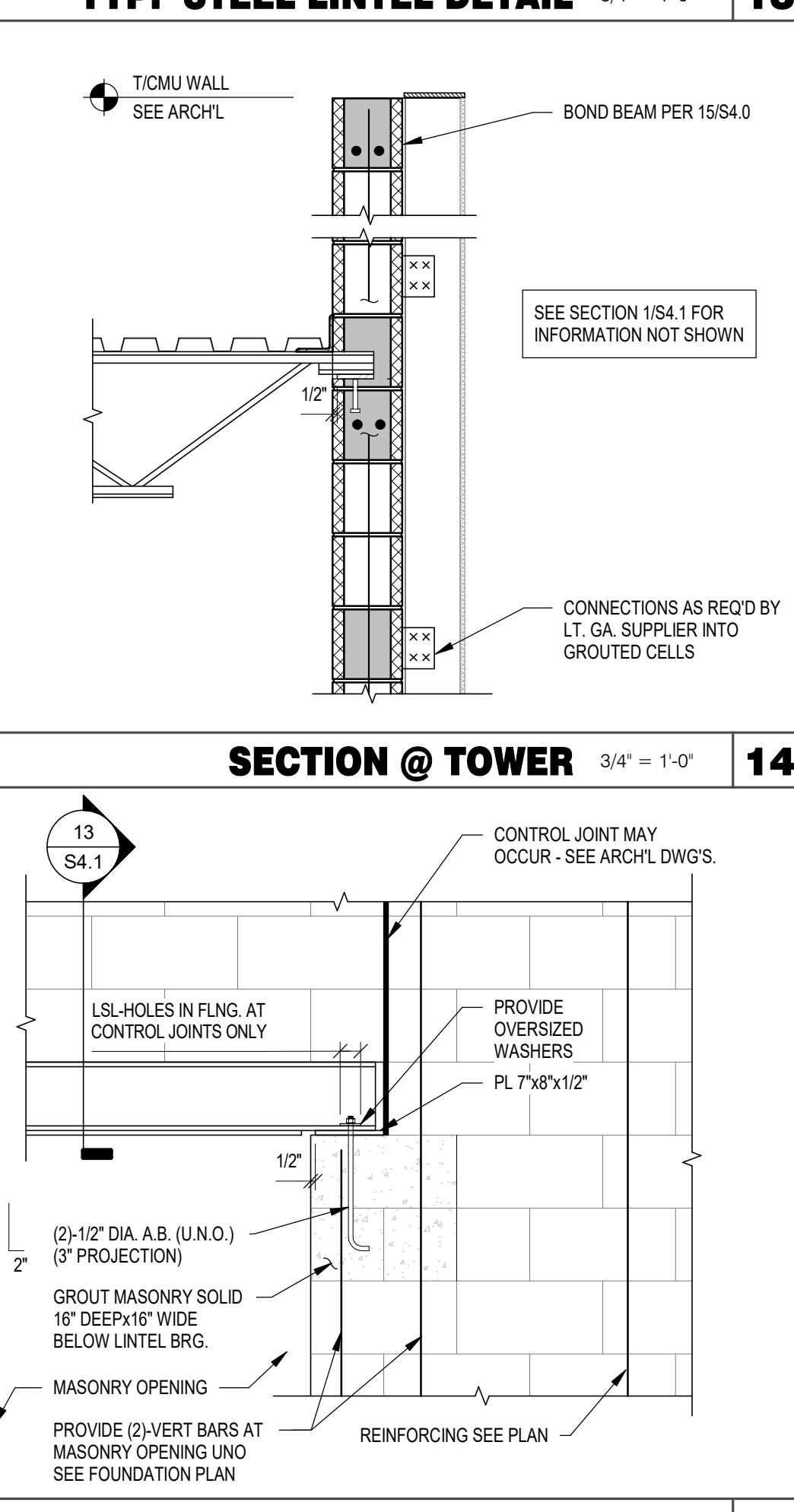
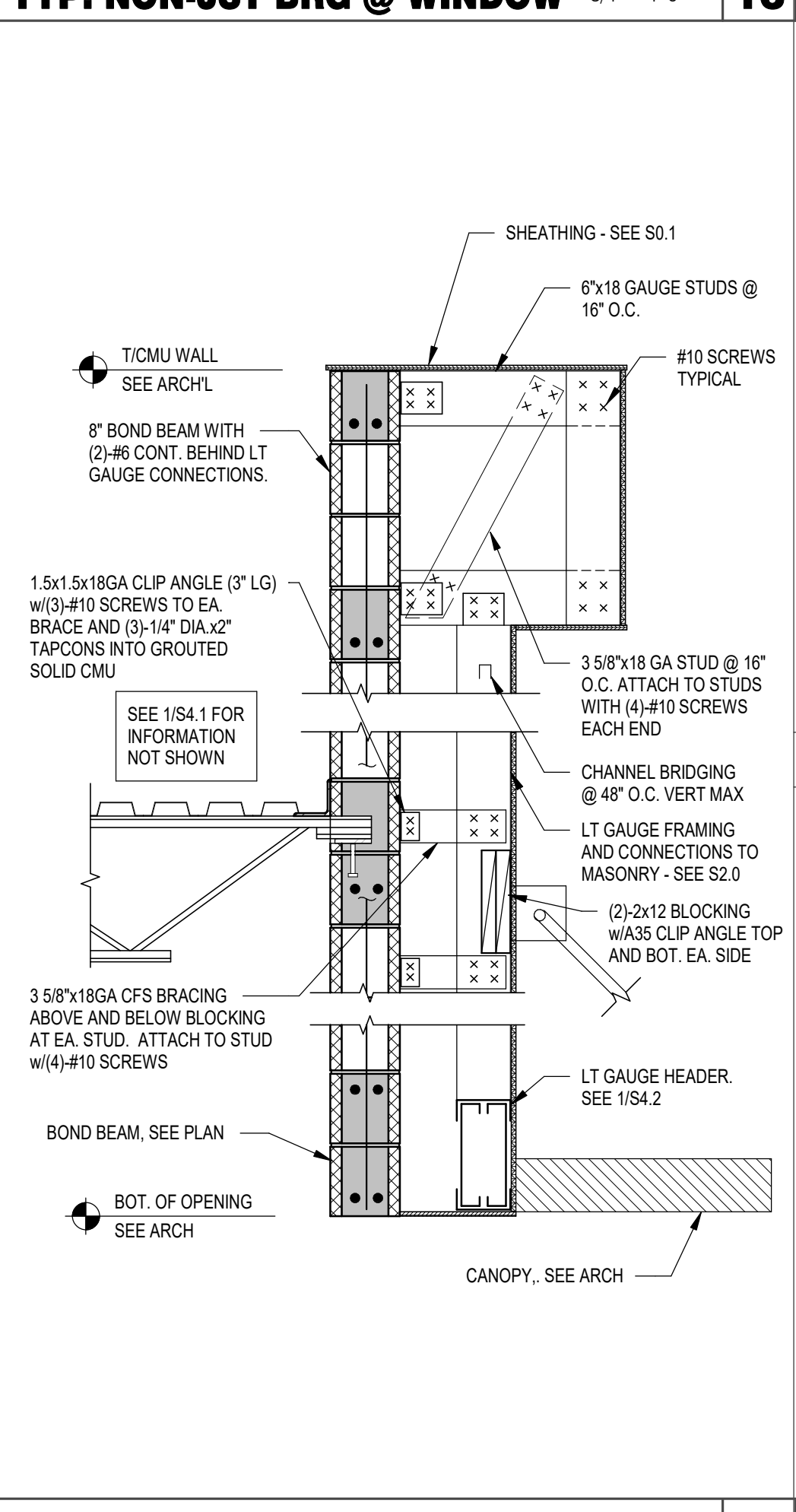
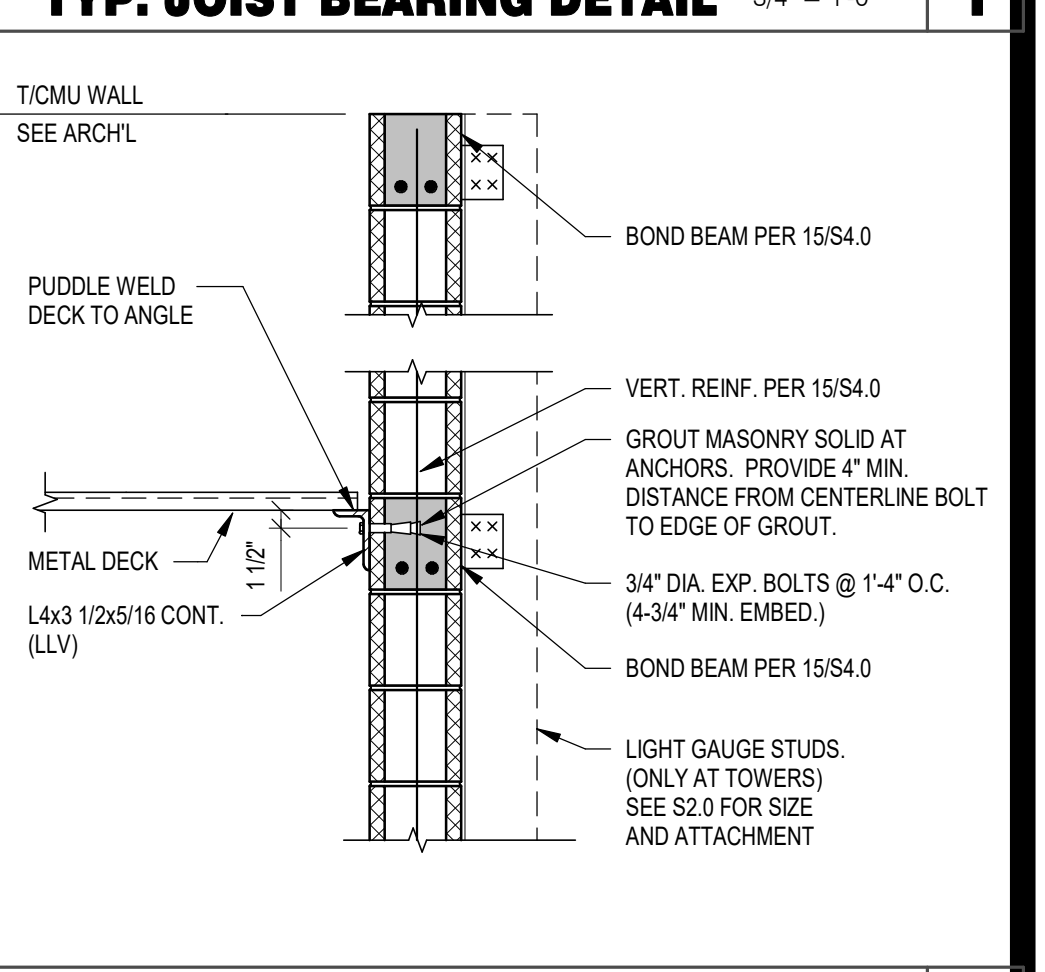
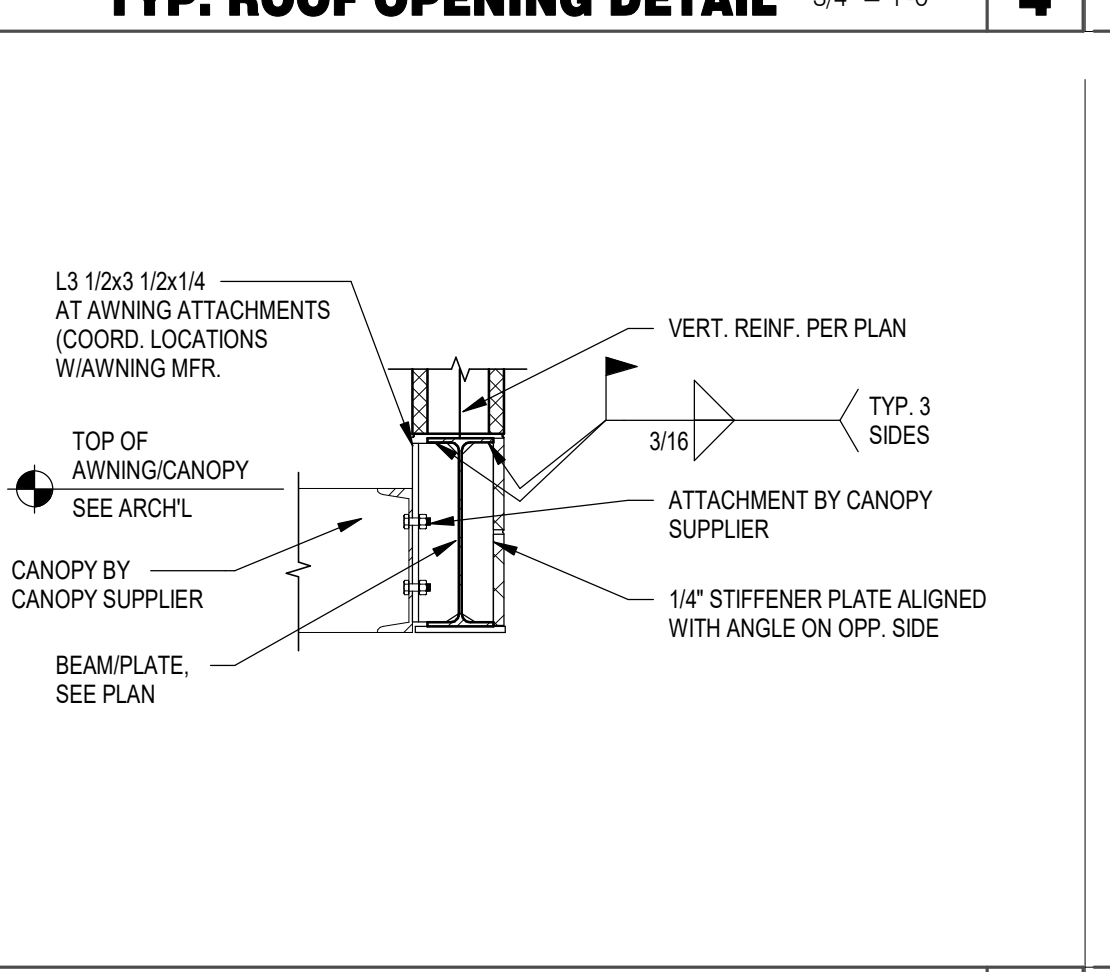
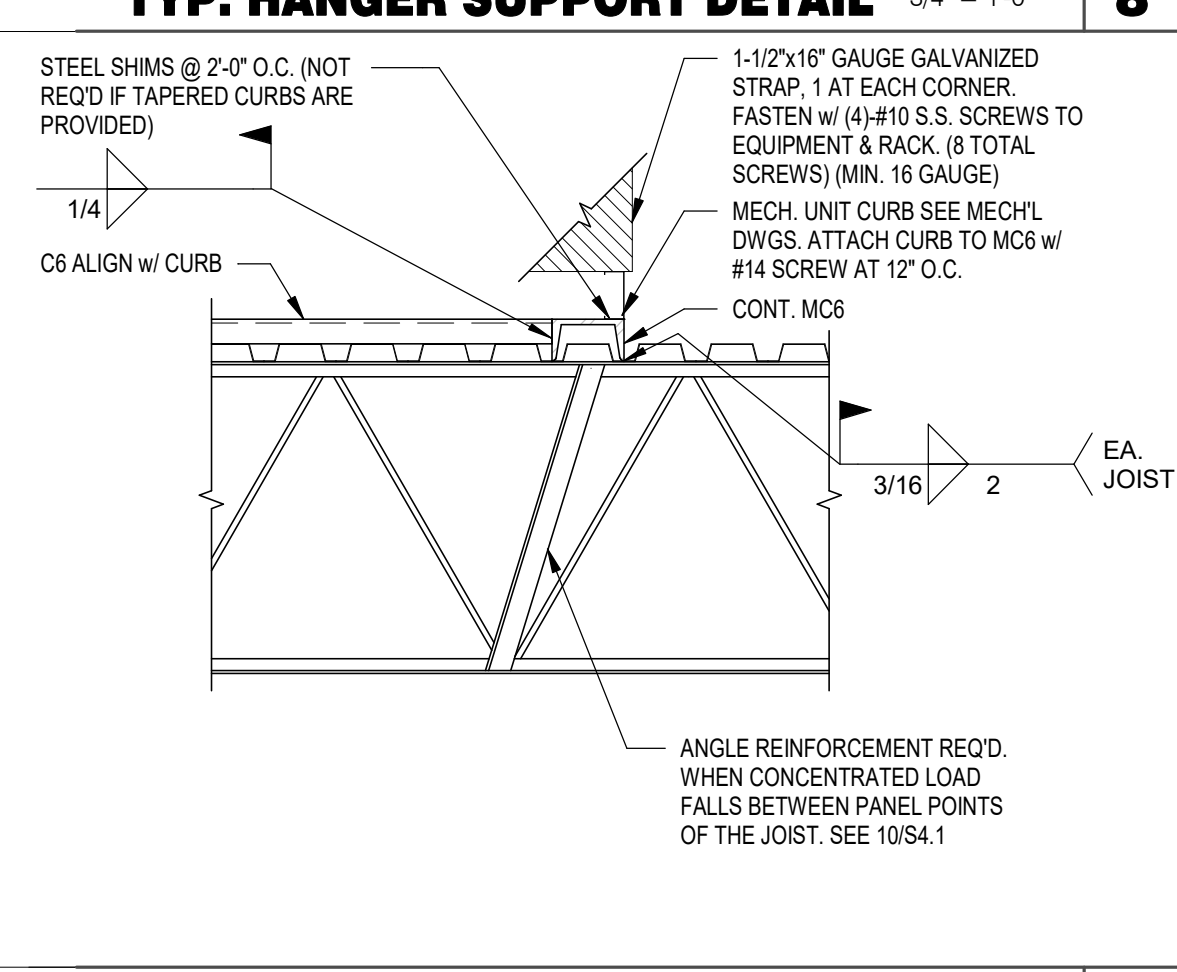
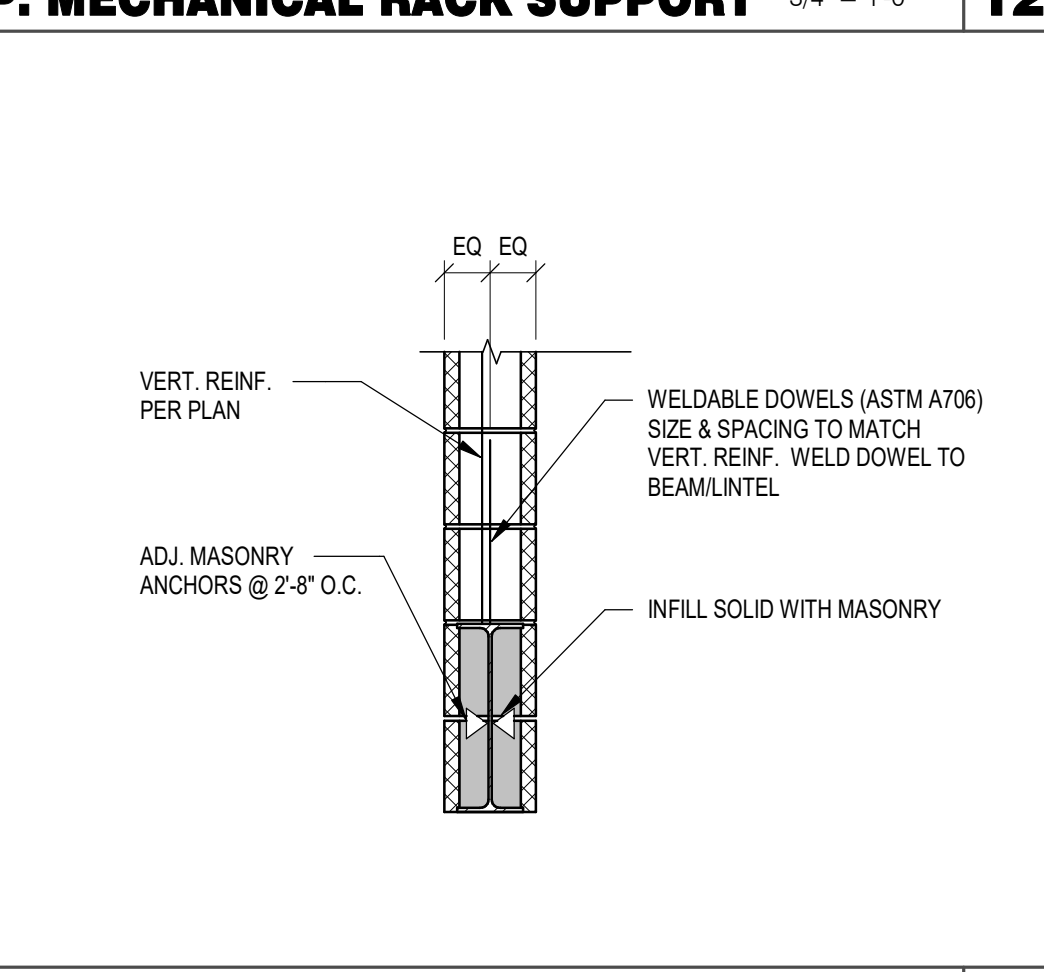
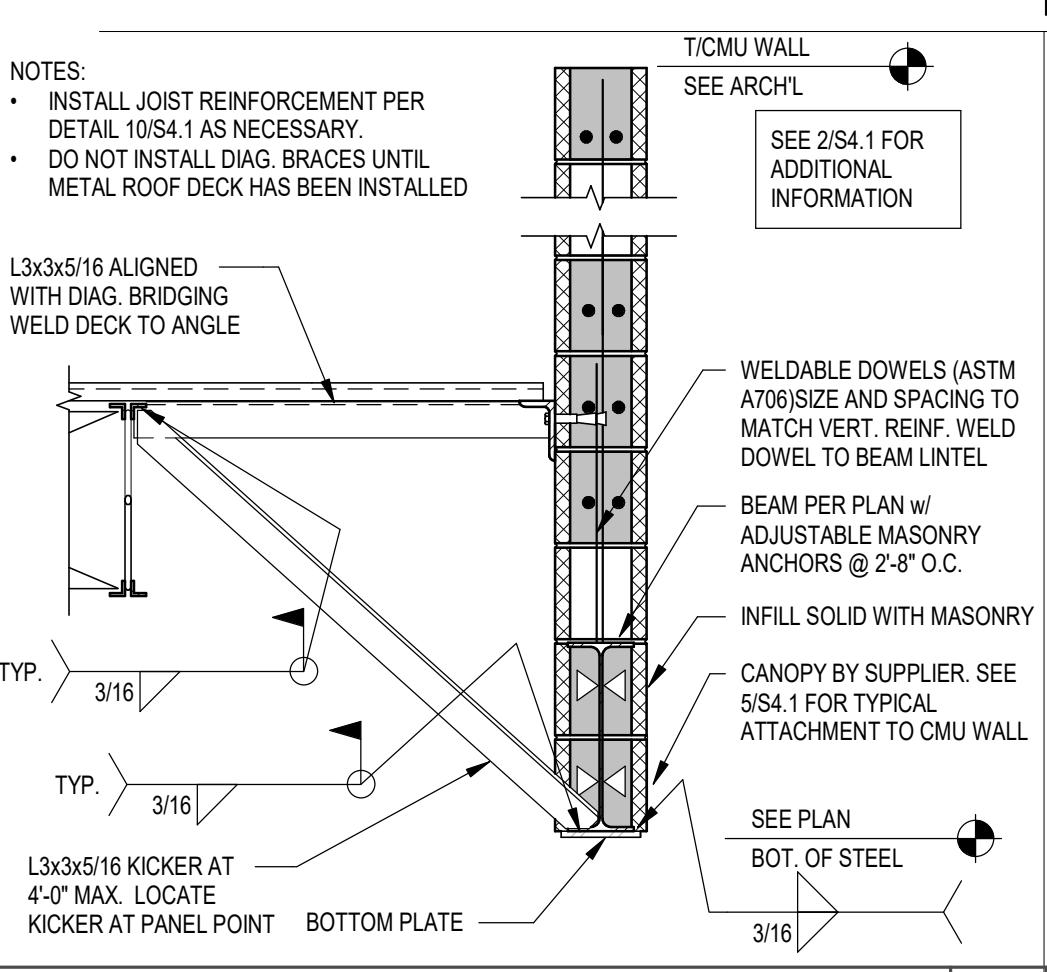
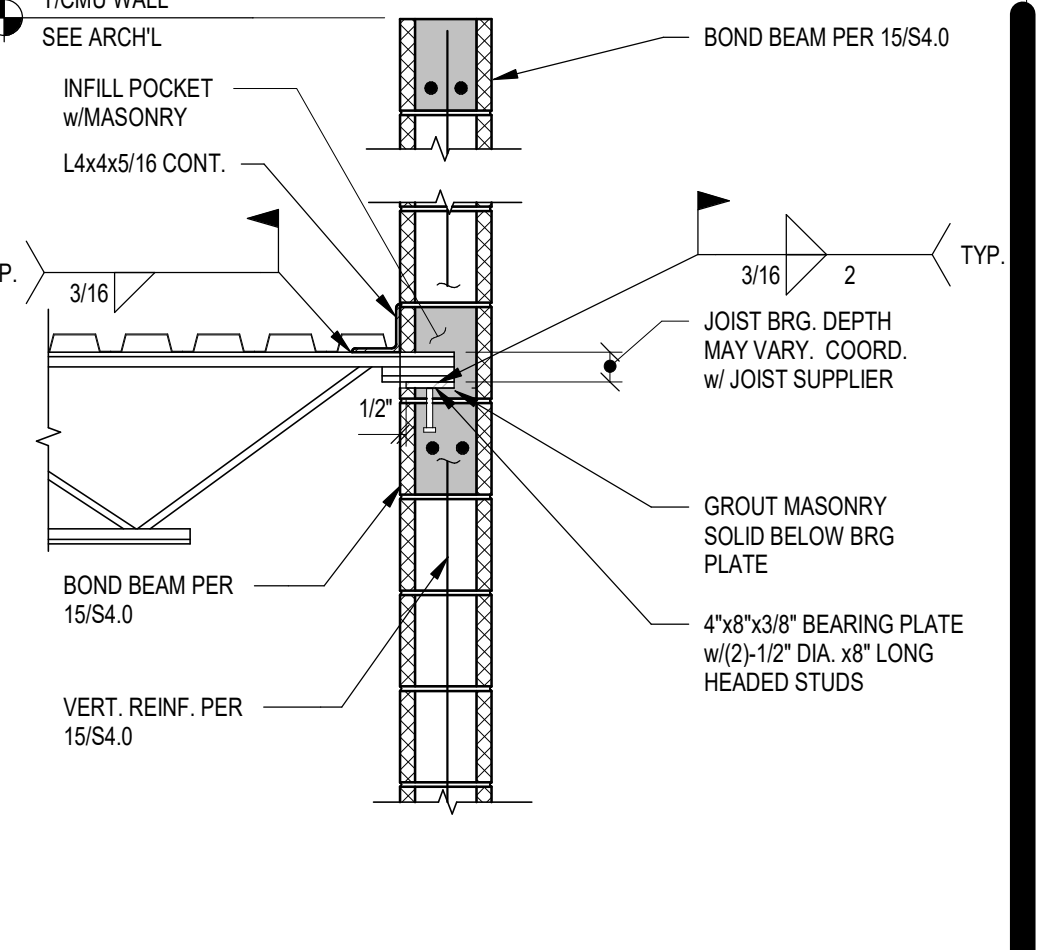
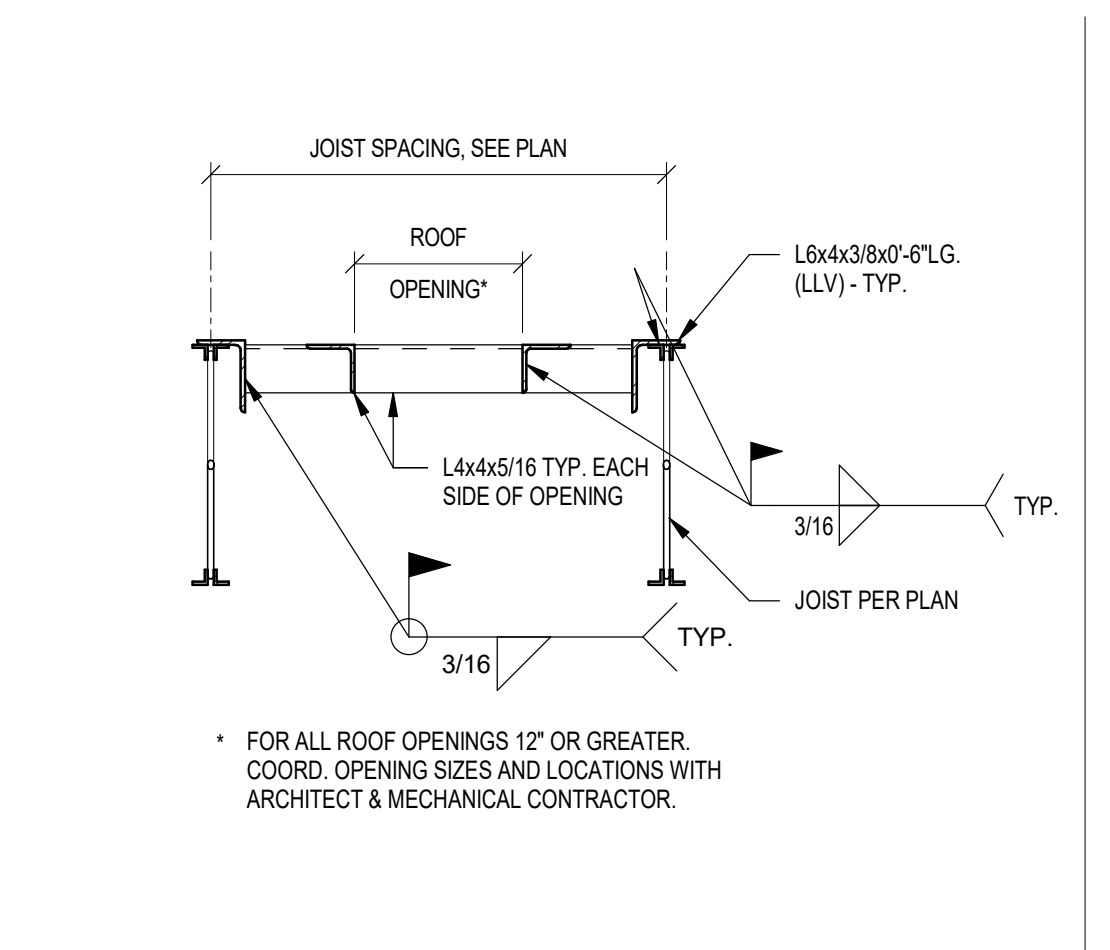
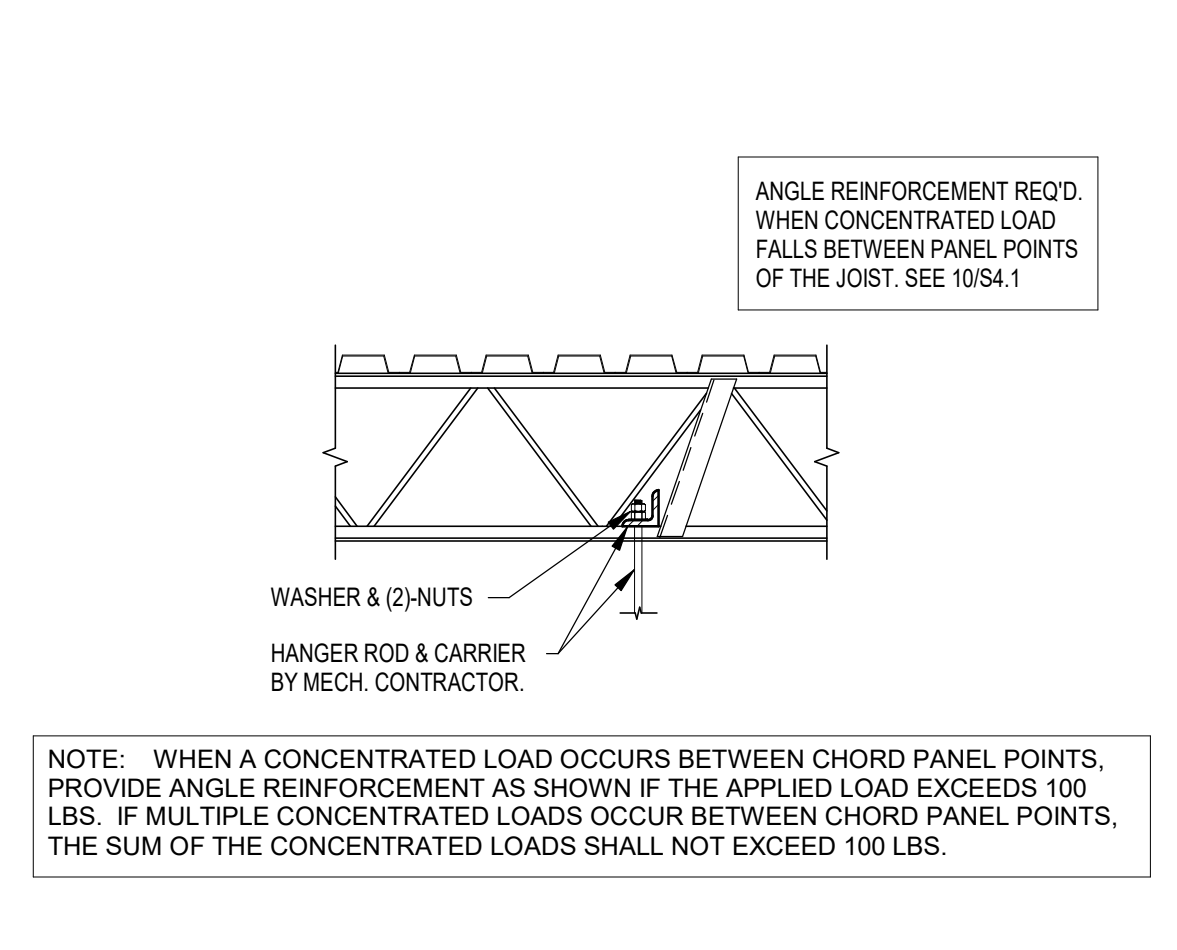
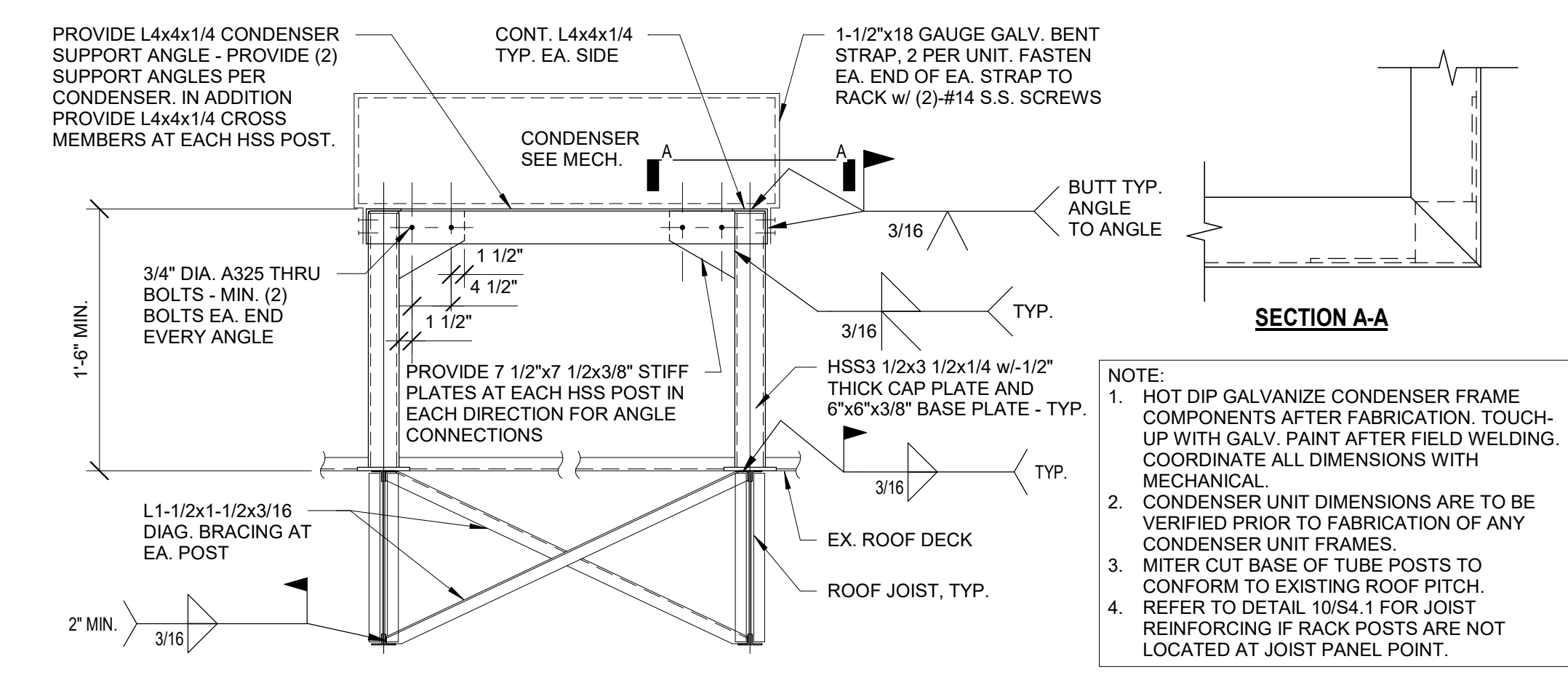
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 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: JRM  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 STRUCTURAL  
 DETAILS  
 FOUNDATION**

**S4.0**



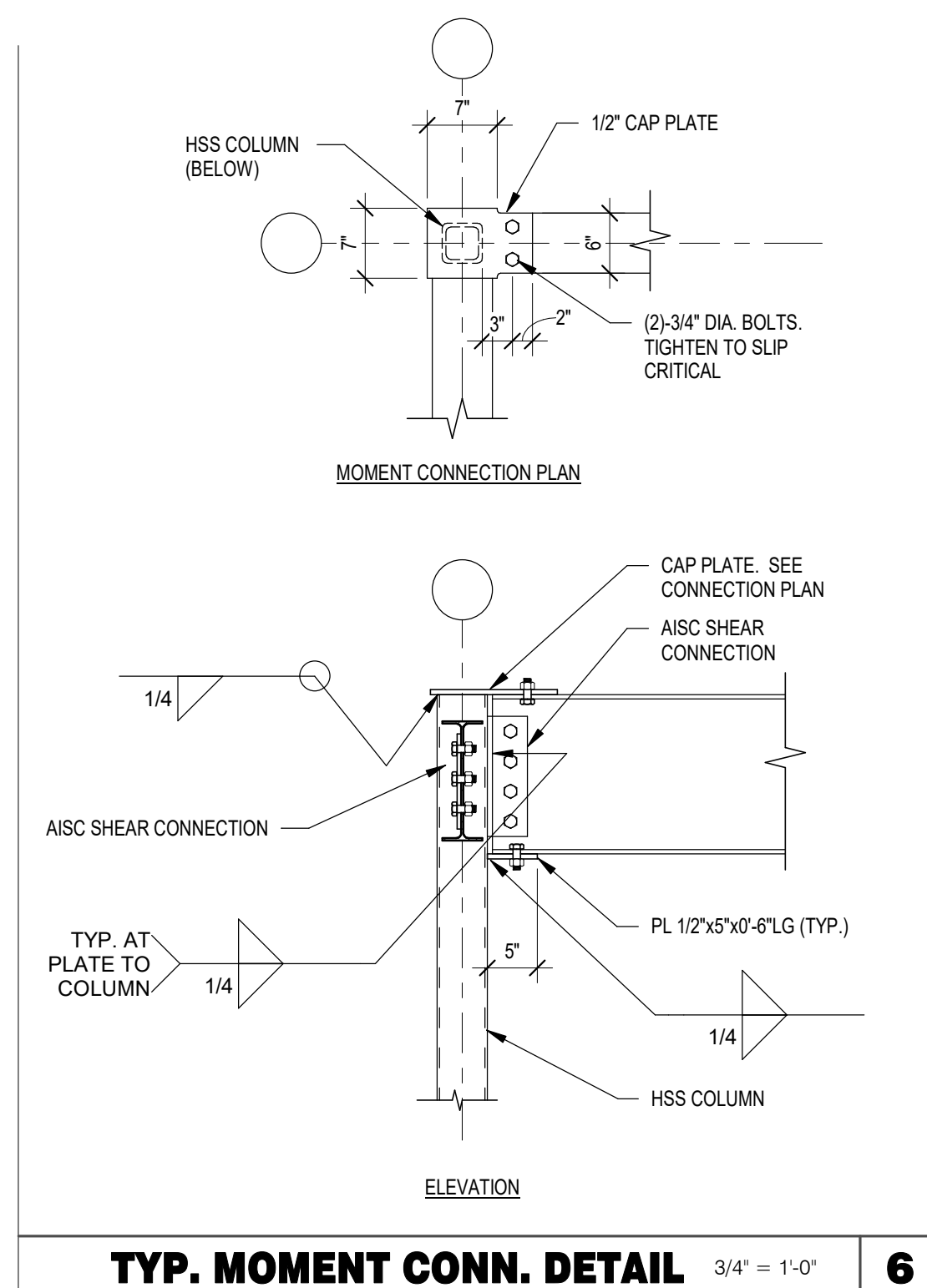
DATE	REMARKS
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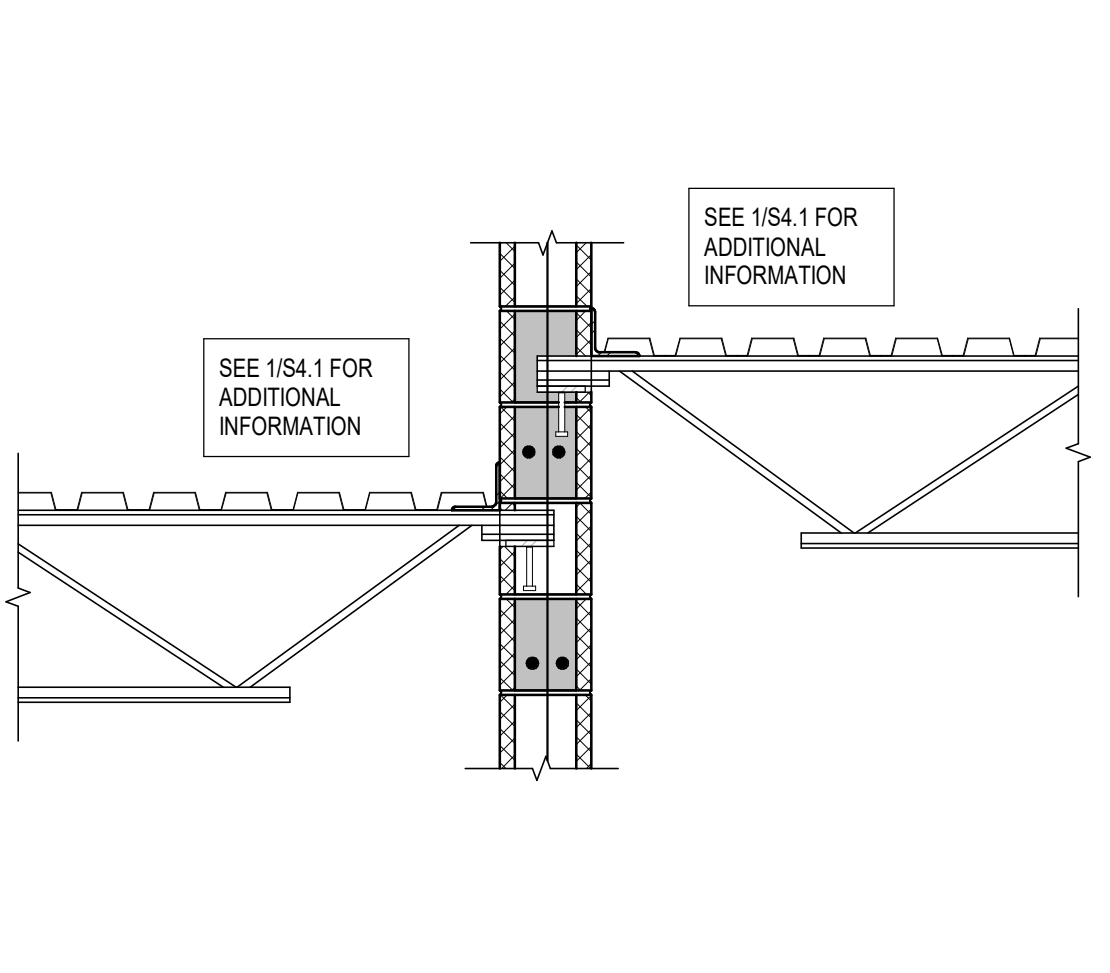
**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787

**ENDEAVOR 2.0  
STRUCTURAL  
DETAILS  
FRAMING**

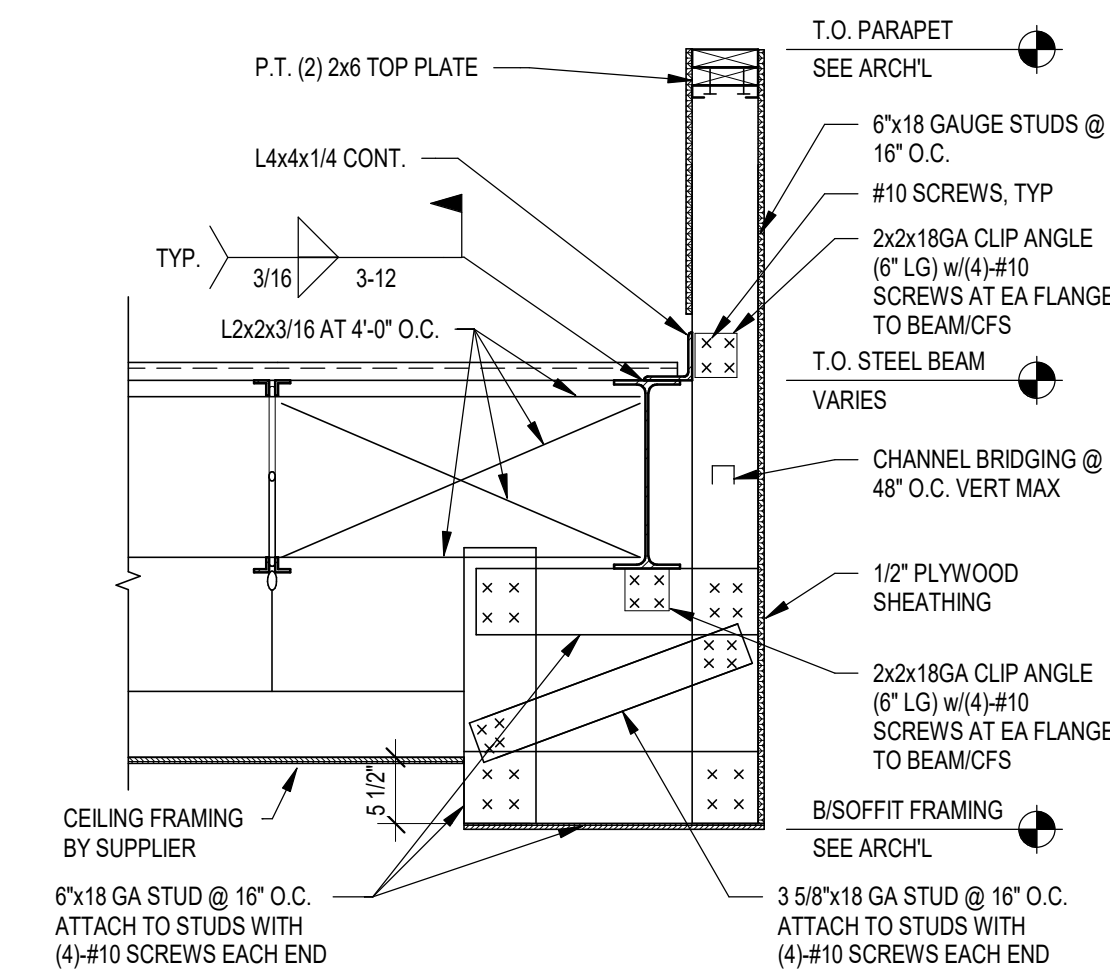
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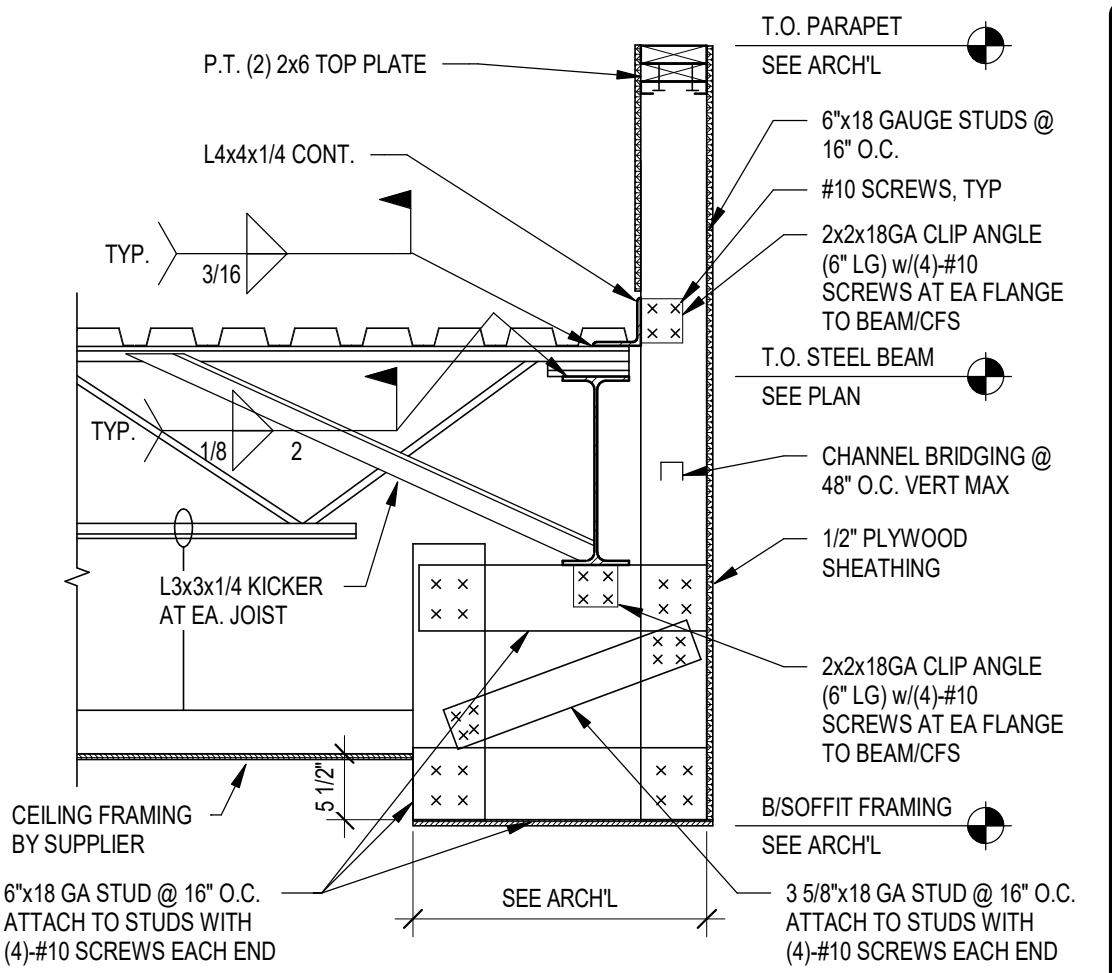
**TYP. MOMENT CONN. DETAIL** 3/4" = 1'-0" **6**



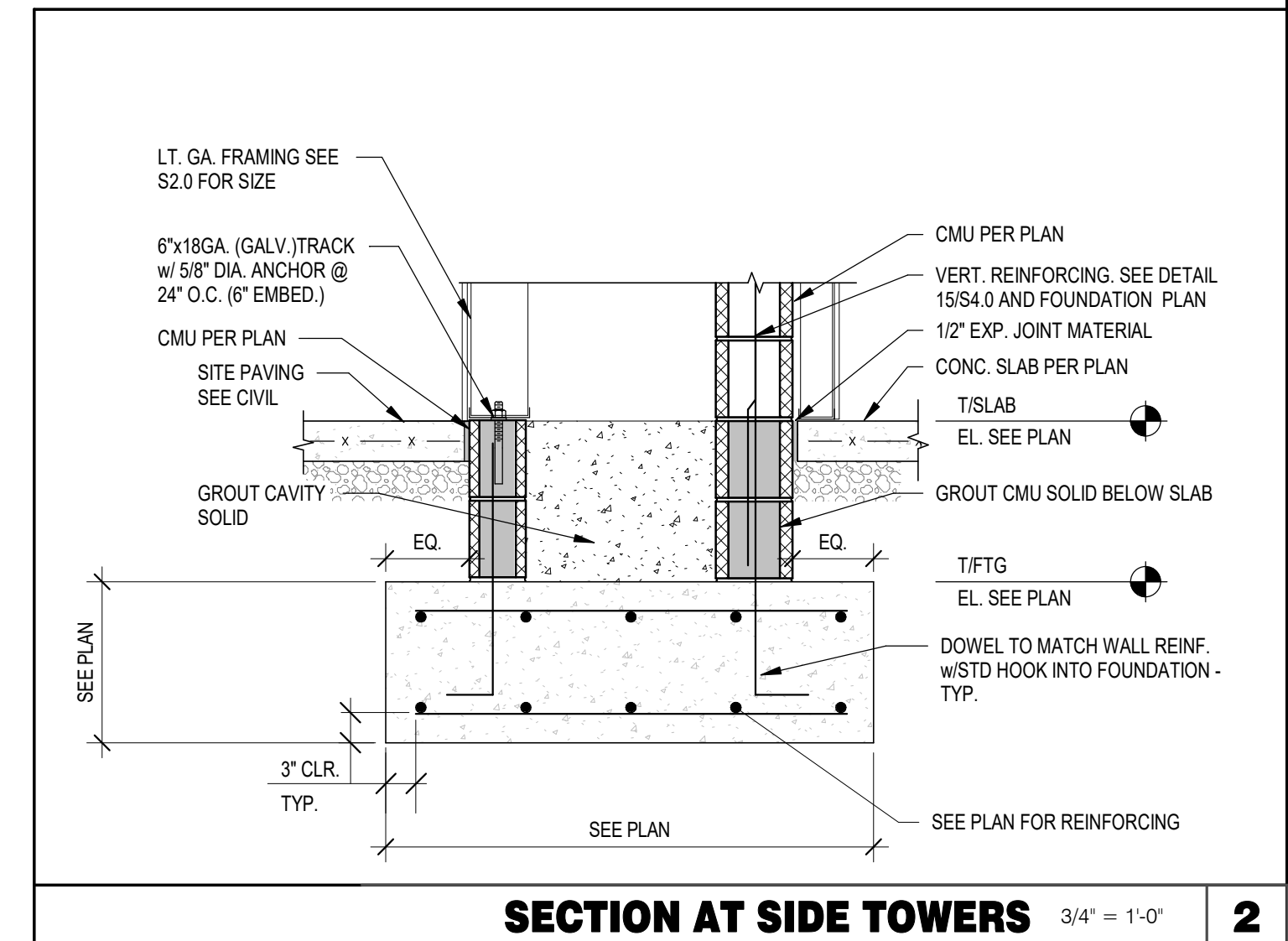
**SECTION AT PORTICO** 3/4" = 1'-0" **5**



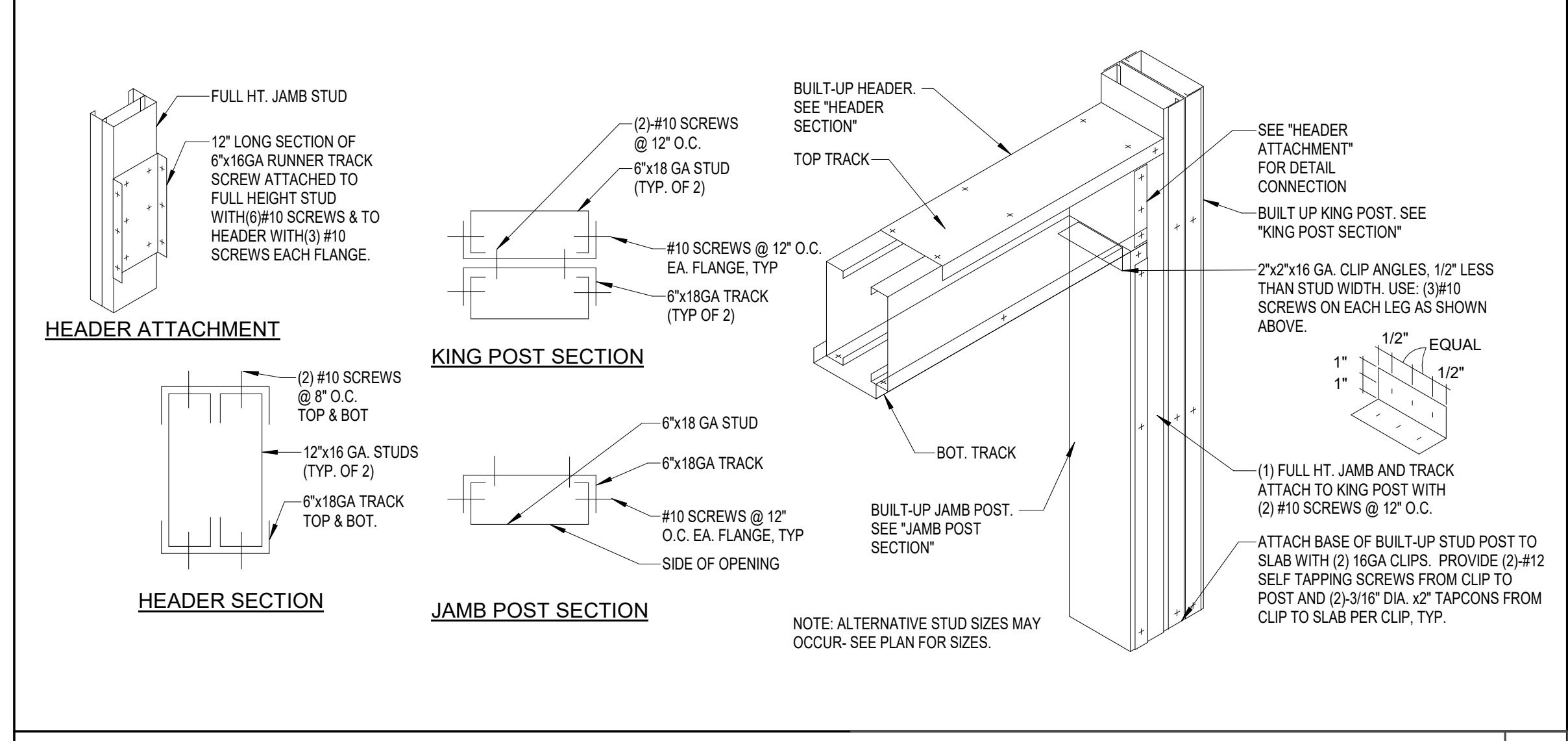
**SECTION AT PORTICO** 3/4" = 1'-0" **4**



**SECTION AT PORTICO** 3/4" = 1'-0" **3**



**SECTION AT SIDE TOWERS** 3/4" = 1'-0" **2**



**TYP. COLD-FORMED CONSTRUCTION DETAILS** 1/2" = 1'-0" **1**

DATE	REMARKS
09.06.22	Issued for Construction

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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: JRM  
JOB NO.: 2021088.17

**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787



**ENDEAVOR 2.0  
STRUCTURAL  
DETAILS  
FOUNDATION  
AND FRAMING  
S4.2**



# HAMLIN PD HAMLIN EAST PROTON THERAPY CENTER PSP TACO BELL - WINTER GARDEN DP

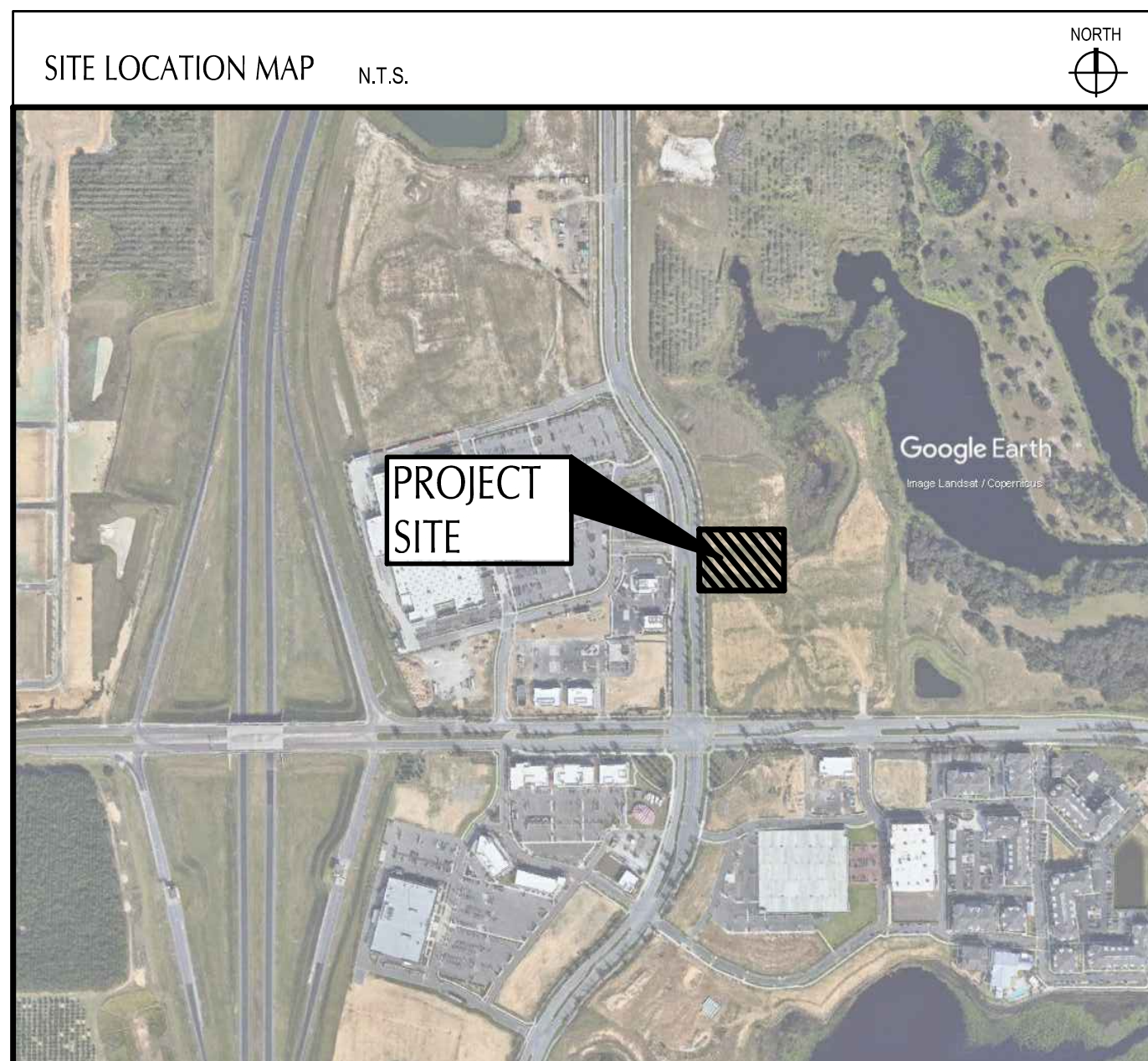
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PARCEL ID #21-23-27-2719-01-008

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FLORIDA  
MARCH 1, 2022

**GENERAL LEGEND:**

- EXISTING**
- EXISTING IRON PIN FOUND AS NOTED
  - EXISTING MAG NAIL FOUND AS NOTED
  - EB EXISTING LIGHT POLE
  - T EXISTING TRANSFORMER
  - Ⓔ EXISTING CATCH BASIN
  - ⊙ EXISTING STORM MANHOLE
  - ⊙ EXISTING SANITARY MANHOLE
  - TR EXISTING TELEPHONE RISER
  - ⚡ EXISTING WATER VALVE
  - EXISTING IRRIGATION WATER CONTROL BOX
  - ∇ EXISTING IRRIGATION VALVE
  - FOC EXISTING FIBER OPTIC CONNECTION
  - ⊥ EXISTING SIGN
  - P/L EXISTING PROPERTY LINE
  - g- EXISTING UNDERGROUND GAS LINES
  - st- EXISTING UNDERGROUND STORM LINES
  - san- EXISTING UNDERGROUND SANITARY LINES
  - w- EXISTING UNDERGROUND WATER LINES
  - ..... EXISTING CURB
  - ..... EXISTING CURB & GUTTER
  - 000--- EXISTING CONTOUR
  - EXISTING FENCE
- PROPOSED**
- PROPOSED CATCH BASIN
  - PROPOSED STORM MANHOLE
  - ⊙ PROPOSED STORM MANHOLE
  - PROPOSED CLEAN OUT
  - PROPOSED EXTERIOR GREASE INTERCEPTOR
  - E PROPOSED ELECTRIC TRANSFORMER
  - PROPOSED LIGHT POLE
  - PROPOSED EDGE OF PAVEMENT
  - PROPOSED CURB
  - PROPOSED CURB & GUTTER
  - 000--- PROPOSED CONTOUR
  - PROPOSED WHEEL STOP
  - ↑ PROPOSED TRAFFIC SIGN
  - ♿ PROPOSED PAINTED ADA SYMBOL
  - ↑ PROPOSED DIRECTIONAL PAVEMENT MARKINGS
  - EB PROPOSED RELOCATED EXISTING LIGHT POLE

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



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**ORANGE COUNTY UTILITIES SIGNAGE NOTE**

ANY AND ALL SIGNAGE DEPICTED WITHIN THESE DRAWINGS ARE SCHEMATIC IN NATURE. ANY APPROVAL RECEIVED FOR THIS BUILDING PERMIT DOES NOT CONSTITUTE APPROVAL FOR THE CONSTRUCTION OF ANY SIGN/SIGN STRUCTURE COVERED WITHIN ORANGE COUNTY CODE SECTION 31.5. SIGNAGE MUST COMPLY WITH ORANGE COUNTY CODE SECTION 31.5 OR ANY APPLICABLE APPROVED SIGN PLAN. ALL PROPOSED SIGNAGE, INCLUDING SIGNAGE STRUCTURES, ARE REQUIRED TO SUBMIT A SEPARATE APPLICATION AND SHALL BE PROCESSED FOR REVIEW BY ZONING, BUILDING AND DEVELOPMENT ENGINEERING.

**PROJECT DESCRIPTION**

THIS PROJECT CONSISTS OF A PROPOSED TACO BELL ON A PREVIOUSLY VACANT LOT.

**FLORIDA SPECIFICATION**

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

**LEGAL DESCRIPTION**

A PORTION OF LOT 1, HAMLIN EAST, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 97, PAGES 64 THROUGH 67, INCLUSIVE, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWESTERLY MOST CORNER OF LOT 1, HAMLIN EAST, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 97, PAGES 64 THROUGH 67, INCLUSIVE, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, SAID POINT BEING A POINT ON THE EAST RIGHT-OF-WAY LINE OF HAMLIN GROVES TRAIL, AS RECORDED IN INSTRUMENT 20180136703, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, RUN THENCE THE FOLLOWING THREE (3) COURSES ALONG SAID EAST RIGHT-OF-WAY LINE: (1) N00°17'57"W A DISTANCE OF 391.65 FEET; (2) N01°30'39"W A DISTANCE OF 90.94 FEET FOR A POINT OF BEGINNING; (3) THENCE N01°30'39"W A DISTANCE OF 147.17 FEET; THENCE N89°42'03"E A DISTANCE OF 320.43 FEET; THENCE S00°17'57"E A DISTANCE OF 125.97 FEET; THENCE S89°42'03"W A DISTANCE OF 119.98 FEET; THENCE S00°17'57"E A DISTANCE OF 21.17 FEET; THENCE S89°42'03"W A DISTANCE OF 197.43 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID HAMLIN GROVES TRAIL AND THE POINT OF BEGINNING.

CONTAINS 44,378 SQUARE FEET OR 1.019 ACRES MORE OR LESS.

**OWNER AND DEVELOPER**

TACO BELL  
1 GLEN BELL WAY  
IRVINE, CA 92618

HAMLIN RETAIL PARTNERS EAST NEC, LLC  
14422 SHORESIDE WAY #130  
WINTER GARDEN, FL 34787

**CONSULTANT**

GPD GROUP, INC. - 30920  
520 S. MAIN STREET  
SUITE 2531  
AKRON, OH 44311

DATE	REMARKS
02 05/04/22	OCU COMMENTS
05/05/22	ISSUED FOR BID
04 07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0

TITLE SHEET

**TS-001**





# ALTA/NSPS LAND TITLE SURVEY



ACCURIGHT SURVEYS OF ORLANDO INC., LB 4475  
 2012 E. Robinson Street, Orlando, Florida 32803  
 www.AccurightSurveys.net  
 ACCU@AccurightSurveys.net  
 PHONE: (407) 894-6314

SCALE: 1" = 20'  
 DRAWN BY: ANT  
 JOB #54413  
 SHEET 2 OF 2

PREPARED FOR:  
**GPD GROUP**  
 SUBDIVISION NAME: HAMLIN EAST  
 LOCATION:  
 HAMLIN GROVES TRAIL  
 WINTER GARDEN, FL 34787

LEGEND	
BB	BOTTOM OF BANK
BC	BACK OF CURB
CF	CONCRETE FLOW PREVENTER
CH	CHAIN
CL	CONCRETE CURB
CM	CONCRETE METER
CO	COVERED CONCRETE
CP	CONCRETE PAD
CS	CONCRETE SIDEWALK
CSM	CALCULATED & MEASURED CENTRAL ANGLE
CSW	CONCRETE BLOCK WALL
CC	COVERED CONCRETE
CF	CONCRETE FLOW PREVENTER
CHW	CONCRETE HEAD WALL
CF	CHAIN LINE FENCE
CM	CONCRETE METER
CONC	CONCRETE
COVD	COVERED
CP	CONCRETE PAD
CW	CONCRETE WALKWAY
DBM	DEED/DESC & MEASUREMENT
DE	DEED/DESC
DESC	DESCRIPTION
DI	DOT INLET
DOC#	DOCUMENT #
DP	DIMETER PAD
DW	DRIVEWAY
EM	EASEMENT
EM#	EASEMENT NUMBER
EL	ELECTRICAL BOX
EL	ELEVATION
ESMT	EASEMENT
EP	EDGE OF PAVEMENT
FDC	FIRE DEPARTMENT CONNECTION
FIRM	FLOOD INSURANCE RATE MAP
FTE	FINISHED FLOOR ELEVATION
FM	FIRE MAIN
FND	FUND
FND#	FUND NUMBER
FO	FIBER OPTIC BOX
FO	FIBER OPTIC LINE
G	GAS LINE
GM	GAS METER
GW	GUY WIRE ANCHOR
H	HANDICAP PARKING
HDP	HIGH DENSITY POLYETHYLENE
INV	INVERT ELEVATION
IP	IRON PIPE
IR	IRON ROD
IRV	IRRIGATION VALVE
L	ARC LENGTH
LB	LICENSED BUSINESS
LSA	LANDSCAPE AREA
LS	LICENSE SURVEYOR
MEAS	MEASURED
MF	METAL FENCE
MS	METAL SHED
MND	METER END SECTION
MW	MONITORING WELL
NAD	NAL S DSK
NAVD	NORTH AMERICAN VERTICAL DATUM
NC	NATIONAL GEODETIC CALCULATED DATUM
NTS	NOT TO SCALE
OHE	OVERHEAD ELECTRIC
ORB	OFFICIAL RECORDS BOOK
OW	OVERHEAD WIRE
PL	PLASTIC PIPE
PL	PLASTIC PIPE
PI	POINT OF INTERSECTION
PBM	PLAT & MEASURED PAGE
PP	PER ENGINEERING PLANS
PP	PLASTIC FENCE
PS	PARALLEL SPACES CURVATURE
PSM	PROFESSIONAL SURVEYOR AND MAPPER
PT	POINT OF TANGENCY
PVC	PLASTIC PIPE
R	CURVE RADIUS
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
S	SANITARY LINE
SM	SHOW FOR DIRECTION ONLY
SF	SQUARE FEET
SWF	STOCK WIRE FENCE
SW	SPOT ELEVATION
S	SEWER VALVE
SMH	STORM MANHOLE
ST	UNDERGROUND TELEPHONE
SI	STORM INLET
TE	TOP OF BANK
TP	TRAFFIC POLE
TS	TRAFFIC SIGN
TR	TRANSFORMER/JUNCTION BOX
TR	TRAFFIC SIGNAL BOX
TR	TYPICAL
TR	UTILITY MARKER
TR	UTILITY BOX
TR	UTILITY EASEMENT
TR	UTILITY MARKER
TR	UTILITY POLE
TR	UTILITY VALVE
TR	WATER LINE
TR	WOOD FENCE
TR	WOOD SHED
TR	WATER VALVE
TR	WATER METER
TR	YARD DRAIN

SURVEY DATE: 6/10/21

DATE	JOB #	REVISION	BY:
9/15/21	54901	WRITE LEGAL DESCRIPTION	SAH
11/1/21	54901	ADD TITLE COMMITMENT AND BII ITEMS	SAH

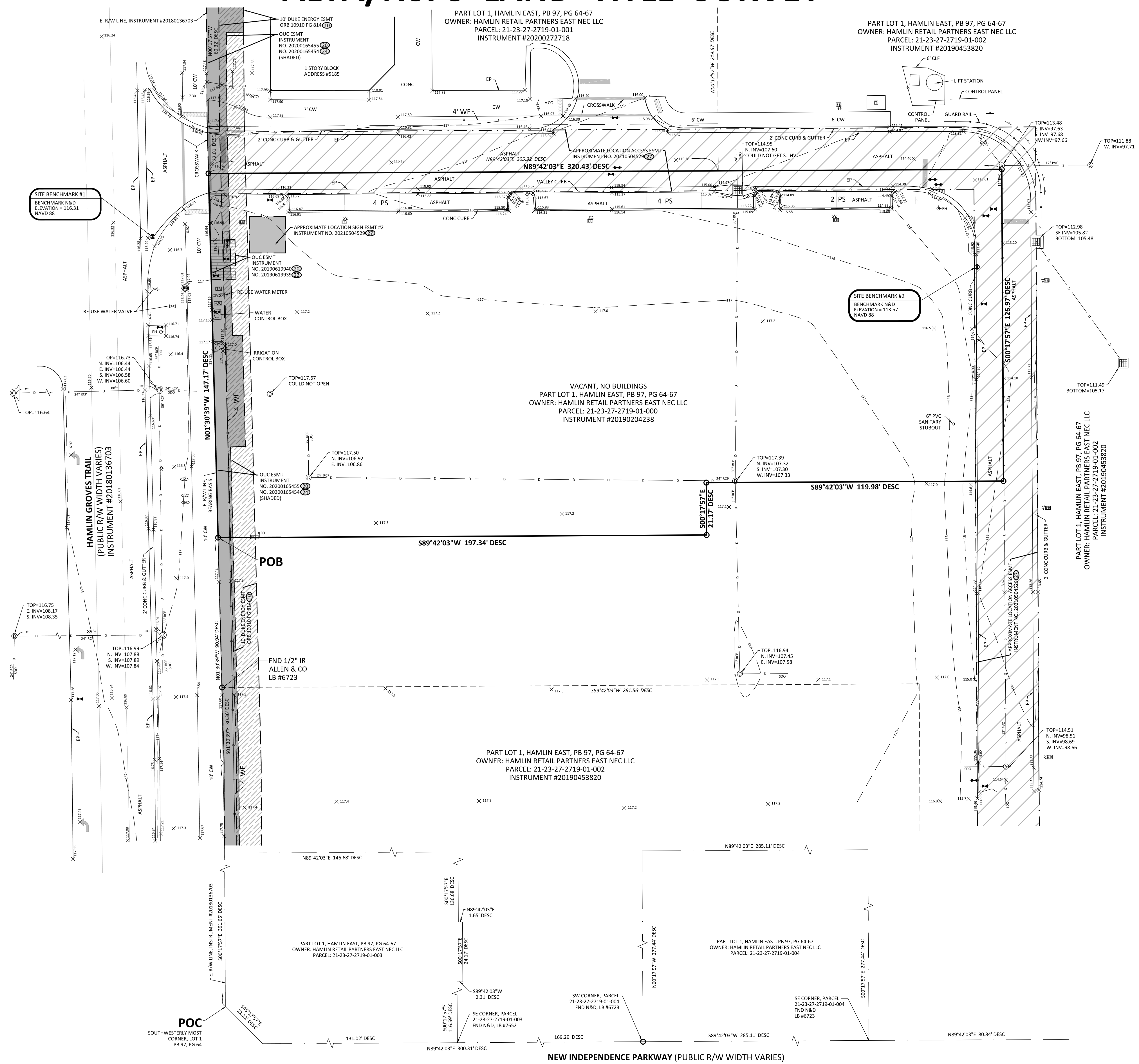
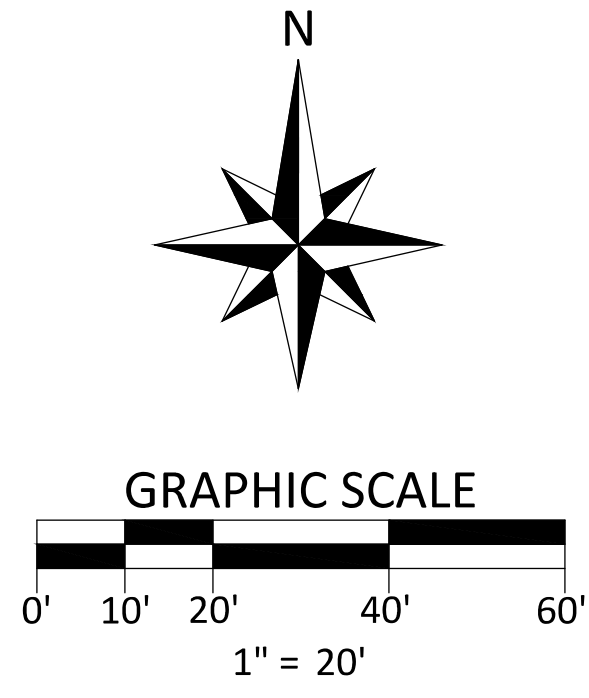
## BOUNDARY AND TOPOGRAPHIC SURVEY

Digitally signed by Ronald K Smith  
 Date: 2022.02.23 07:57:32 -05'00'

RONALD K. SMITH, PSM 5797  
 "THE DATE OF SIGNATURE DOES NOT REVISE OR SUPERSEDE THE BOUNDARY SURVEY DATE OR REVISION DATE."

"THIS SURVEY MEETS THE 'STANDARDS OF PRACTICE' AS REQUIRED BY CHAPTER 51-17 FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.

"NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER." -OR- THE DIGITAL SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RONALD K. SMITH, PSM 5797.

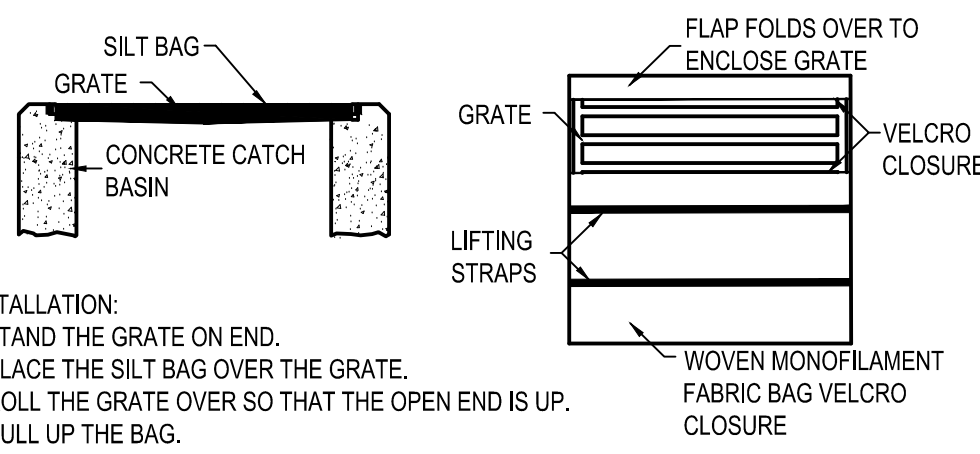








520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101

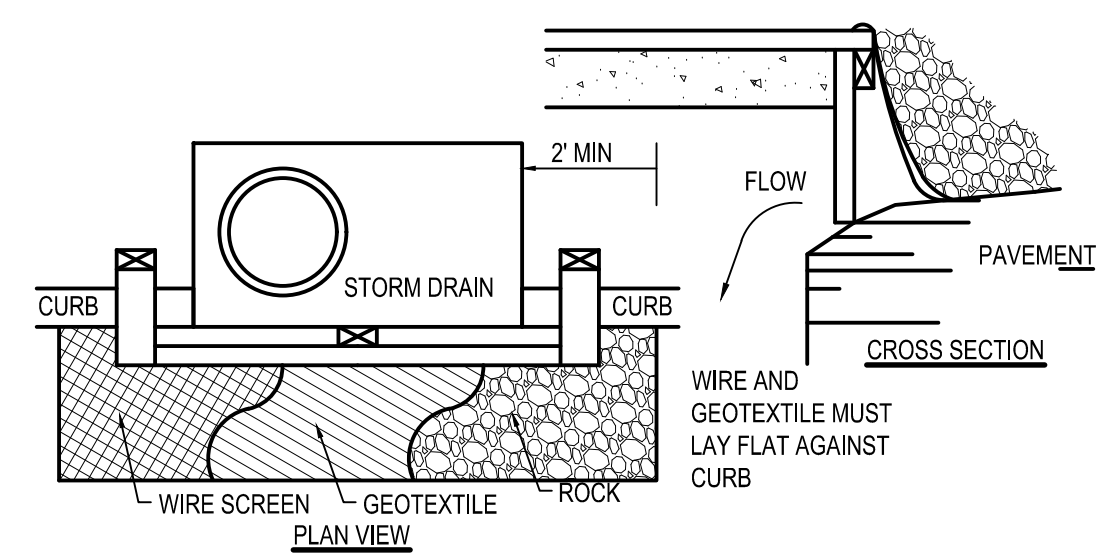


- INSTALLATION: 1. STAND THE GRATE ON END. 2. PLACE THE SILT BAG OVER THE GRATE. 3. ROLL THE GRATE OVER SO THAT THE OPEN END IS UP. 4. PULL UP THE BAG. 5. TUCK THE FLAP IN. 6. PRESS THE VELCRO STRAPS TOGETHER. 7. BE SURE THAT THE END OF THE GRATE IS COMPLETELY COVERED BY THE FLAP OR THE SILT BAG WILL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

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

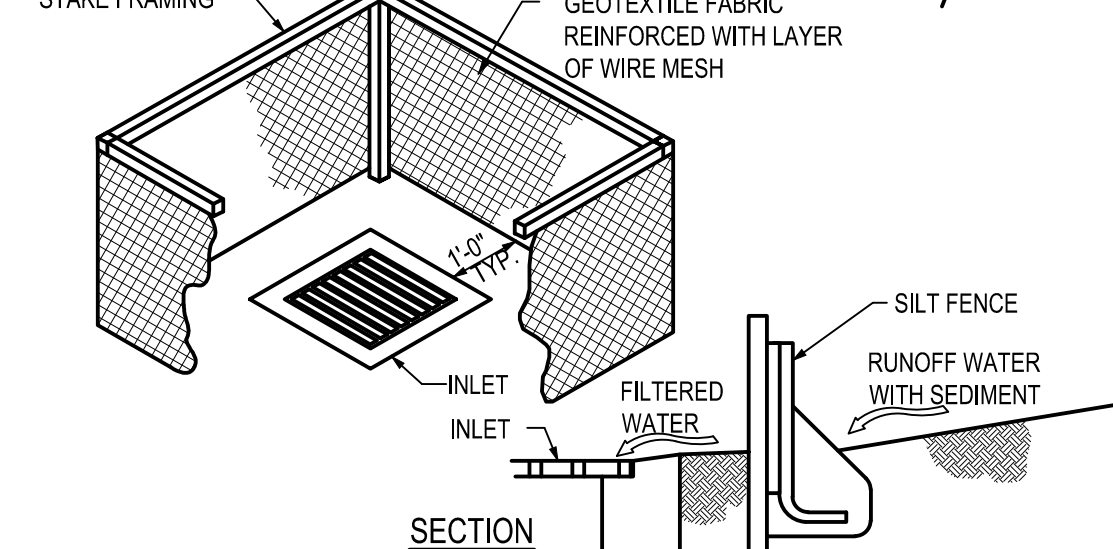
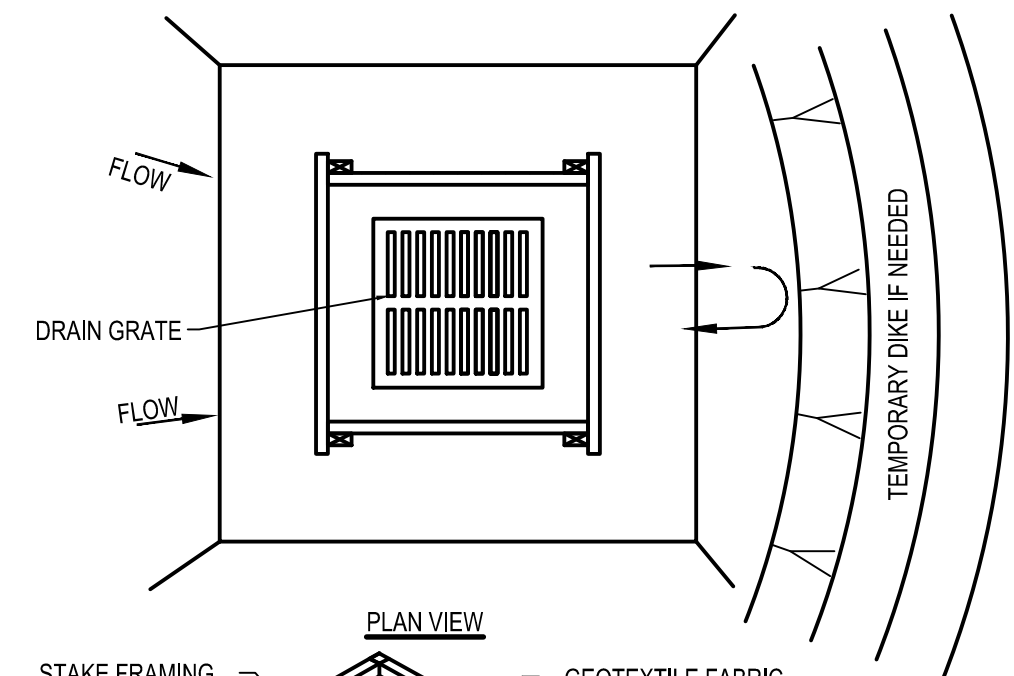
INLET INSPECTION: TO INSPECT INLET, REMOVE SILT BAG WITH GRATE INSIDE. INSPECT CATCH BASIN AND REPLACE SILT BAG BACK INTO GRATE FRAME. NOTE: PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. THE SILT BAG MUST NEVER BE USED WHERE OVERFLOW MAY ENDANGER AN EXPOSED SLOPE.

C3 SILT BAG PROTECTION N.T.S.



- 1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL. 2. CONSTRUCT A WOODEN FRAME OF 2-BY-4-IN. CONSTRUCTION-GRADE LUMBER. THE END SPACERS SHALL BE A MINIMUM OF 1 FT. BEYOND BOTH ENDS OF THE THROAT OPENING. THE ANCHORS SHALL BE NAILED TO 2-BY-4-IN. STAKES DRIVEN ON THE OPPOSITE SIDE OF THE CURB. 3. THE WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC AND STONE. IT SHALL BE A CONTINUOUS PIECE WITH A MINIMUM WIDTH OF 30 IN. AND 4 FT. LONGER THAN THE THROAT LENGTH OF THE INLET, 2 FT. ON EACH SIDE. 4. GEOTEXTILE CLOTH SHALL HAVE AN EQUIVALENT OPENING SIZE (EOS) OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE AT LEAST THE SAME SIZE AS THE WIRE MESH. 5. THE WIRE MESH AND GEOTEXTILE CLOTH SHALL BE FORMED TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET AND SECURELY FASTENED TO THE 2-BY-4-IN. FRAME. 6. TWO-INCH STONE SHALL BE PLACED OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE CLOTH. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE STONE AND/OR GEOTEXTILE REPLACED WHEN CLOGGED WITH SEDIMENT.

C4 CURB INLET PROTECTION N.T.S.

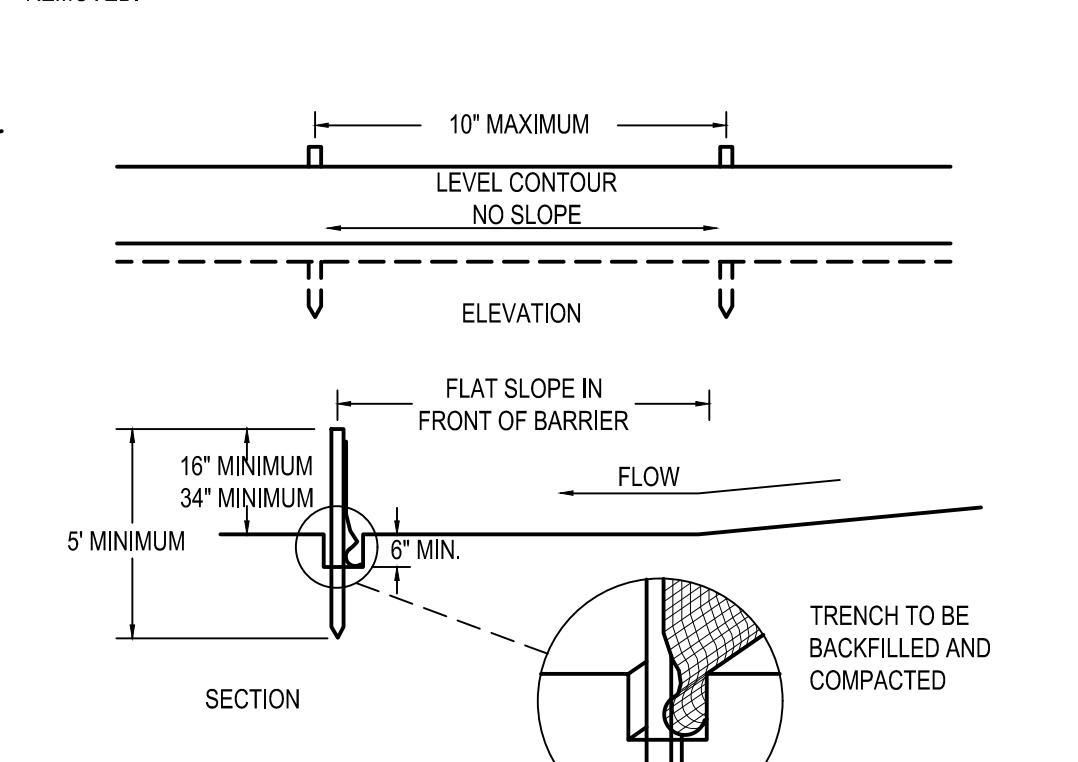
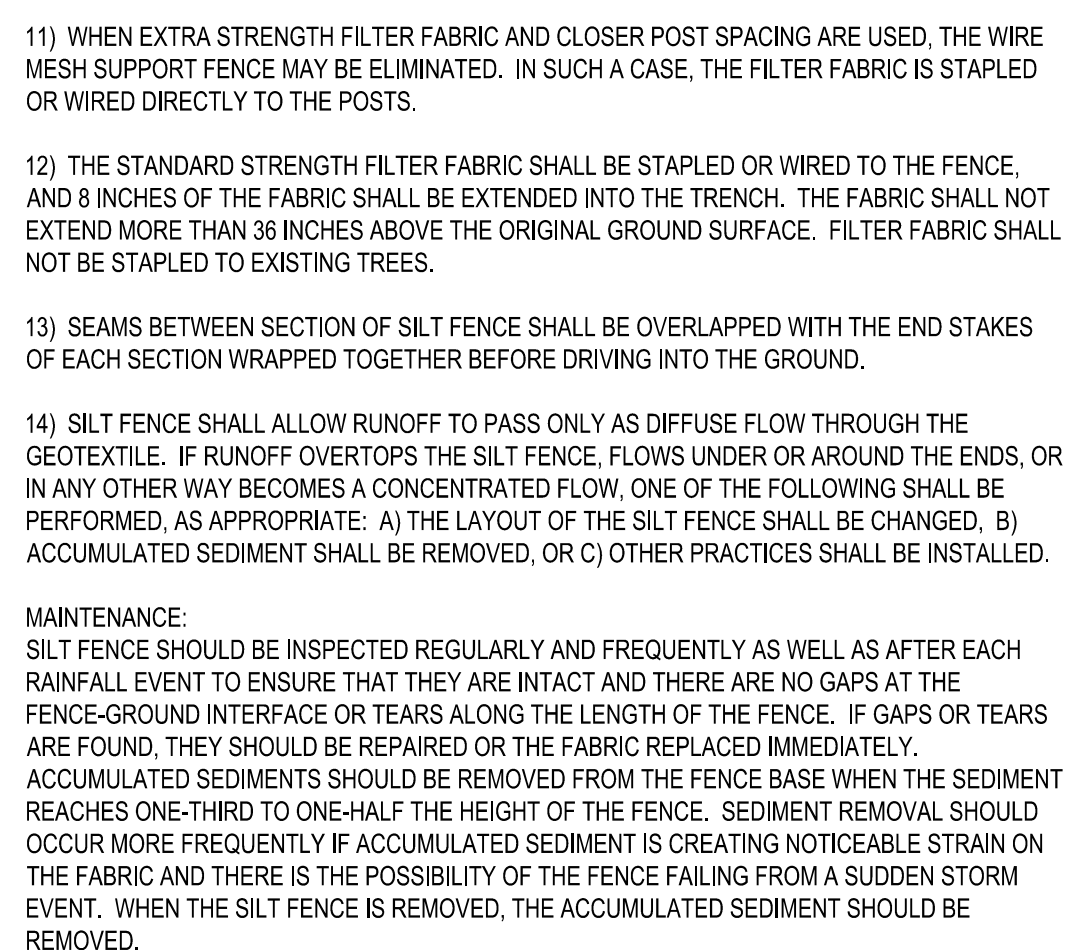


- NOTES: 1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL. 2. SILT FENCE SHALL BE GEOTEXTILE FABRIC, PER STATE'S DEPARTMENT OF TRANSPORTATION STANDARDS, AND SHOULD BE CUT FROM A CONTINUOUS ROLL TO AVOID JOINTS. 3. STAKES SHALL BE 1" X 2" WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET. STAKES SHALL BE SPACED AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND SECURELY DRIVEN INTO THE GROUND (MINIMUM OF 8 INCHES). THE TOP OF THE FRAME SHALL BE AT LEAST 6 IN. BELOW ADJACENT ROADS IF PONDING WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC. 4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME. 5. THE SILT FENCE SHALL BE STAPLED WITH HEAVY DUTY WIRE STAPLES AT LEAST 1/2 INCH LONG, TO THE WOODEN STAKES, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE HEIGHT OF THE FILTER BARRIER SHALL BE A MINIMUM OF 15 INCHES AND SHALL NOT EXCEED 18 INCHES (PLATE 1,08B). 6. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST. 7. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES. 8. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 IN. LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES. 9. A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION AND IF RUNOFF BYPASSING THE INLET WILL NOT FLOW TO A SETTLING POND. THE TOP OF EARTH DIKES SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.

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

A4 SILT BARRIER N.T.S.

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



CRITERIA FOR GEOTEXTILE FABRIC SILT FENCE, PER CURRENT STATE'S DOT SPECIFICATIONS. Table with columns: FABRIC PROPERTIES, VALUES, TEST METHOD. Rows include: MINIMUM TENSILE STRENGTH (120 LB. MINIMUM, ASTM D 4632), MINIMUM BURST STRENGTH (200 PSI MINIMUM), MINIMUM PERMITTIVITY (1x10^-2sec-1, ASTM D 4491), APPARENT OPENING SIZE (AOS <= 0.84 mm, ASTM D 4751), UV EXPOSURE STRENGTH RETENTION (70%, ASTM G 4335), MAXIMUM ELONGATION AT 60 LBS. (50%, ASTM D 4632), MINIMUM PUNCTURE STRENGTH (50 LBS (220N), ASTM D 4633), MINIMUM TEAR STRENGTH (40 LBS (180N), ASTM D 4633).

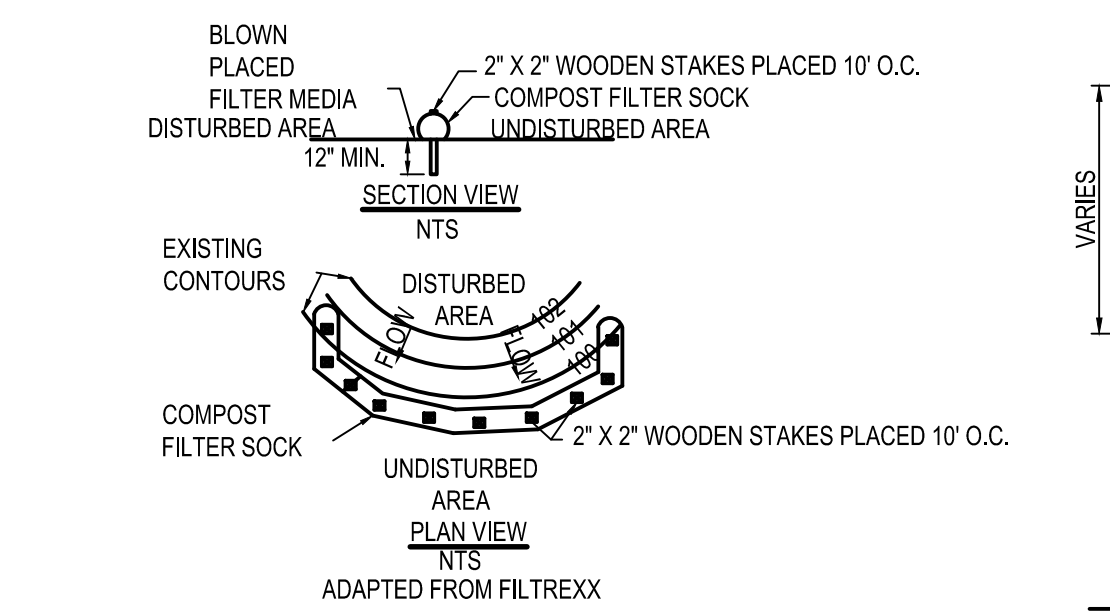
A5 SILT FENCE N.T.S.

CONSTRUCTION ENTRANCE NOTES

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

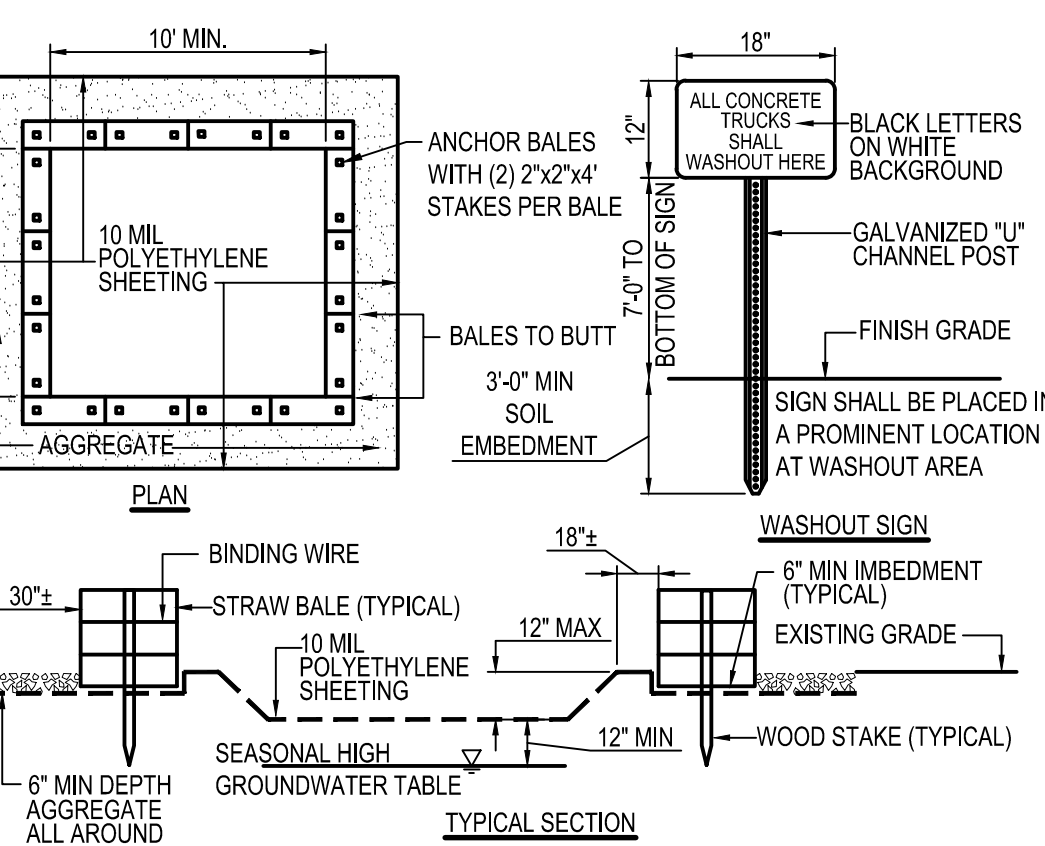
COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS. Table with columns: MATERIAL TYPE, MATERIAL CHARACTERISTICS, SOCK DIAMETERS, MESH OPENING, TENSILE STRENGTH, ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155), MINIMUM FUNCTIONAL LONGEVITY. Rows include 3 mil HDPE, 5 mil HDPE, BIO-DEGRADABLE, PHOTO-DEGRADABLE, HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE (MFPF).

COMPOST SHALL MEET THE FOLLOWING STANDARDS: ORGANIC MATTER CONTENT (80% - 100% DRY WEIGHT BASIS), ORGANIC PORTION (FIBROUS AND ELONGATED), pH (5.5 - 8.0), MOISTURE CONTENT (35% - 55%), PARTICLE SIZE (98% PASS THROUGH 1" SCREEN), SOLUBLE SALT CONCENTRATION (5.0 O5 MAXIMUM).



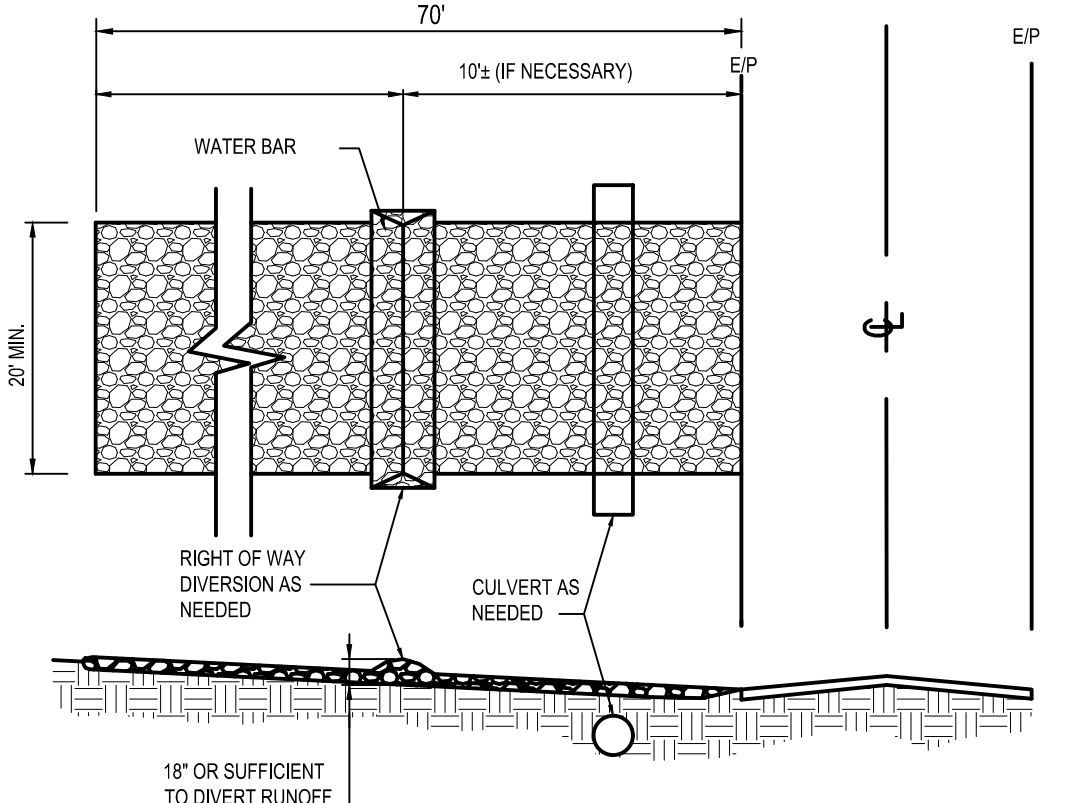
- 1. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. 2. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS. 3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN. 4. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH 1/2 INCH STORM RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION. 5. BIODEGRADABLE FILTER SOCK SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. 6. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

A2 COMPOST FILTER SOCK N.T.S.



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

A3 CONCRETE WASHOUT AREA N.T.S.



A1 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE N.T.S.

Table with columns: DATE, REMARKS. Rows include 05/05/22 ISSUED FOR BID and 09/06/22 ISSUED FOR CONST.

CONTRACT DATE: 08.19.21 BUILDING TYPE: END. 20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER: 314877 STORE NUMBER: 455564 PA/PM: JN DRAWN BY: EA JOB NO.: 2021088.17

TACO BELL 5201 HAMLIN GROVES TRAIL WINTER GARDEN, FL 34787



ENDEAVOR 2.0 SWPP DETAILS

C-011



**BENCHMARKS:**  
BASIS OF BEARING NAVD88.

BENCHMARK #1 -  
ELEVATION=116.31'

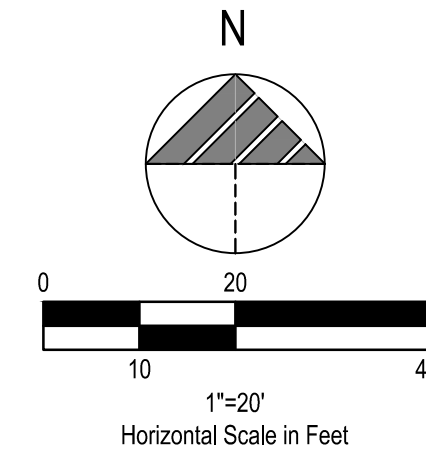
BENCHMARK #2 -  
ELEVATION=113.57'

**SWPP KEYNOTES**

- TS TEMPORARY SEEDING
- PS PERMANENT SEEDING
- CW CONCRETE WASHOUT AREA
- FS COMPOST FILTER SOCK
- CE CONSTRUCTION ENTRANCE
- IP INLET PROTECTION

**LEGEND**

- (SEE SHEET TS-001 FOR GENERAL LEGEND)
- PROPOSED SILT BARRIER  
REFER TO SWPP DETAILS
  - PROPOSED COMPOST FILTER SOCK  
REFER TO SWPP DETAILS
  - LIMITS OF DISTURBANCE
  - PROPOSED CONSTRUCTION ENTRANCE  
REFER TO SWPP DETAILS
  - PROPOSED CONCRETE WASHOUT FACILITY  
REFER TO SWPP DETAILS



**CONSTRUCTION SEQUENCE**

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

**PROJECT DESCRIPTION**

THIS SITE WAS AN UNDEVELOPED FIELD.  
THE PROPOSED WORK INCLUDES A NEW TACO BELL.

**PROJECT COMPLETION STATISTICS**

PARCEL SIZE:	1.02 ACRES
TOTAL DISTURBED AREA:	0.91 ACRES
EXISTING LAND USE FOR THE SITE IS VACANT LAND.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.13 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	12.9%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.51
PROPOSED LAND USE WILL BE A TACO BELL.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.71 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	69.6%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.82

**PROJECT LOCATION:**

LATITUDE: 28.476221°      LONGITUDE: -81.625886°

**EXISTING SITE SOIL TYPES:**

S: CANDLER FINE SAND, 5 TO 12 PERCENT SLOPES.  
REFERENCE: USDA NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.

**WETLAND INFORMATION:**

THERE ARE NO WETLANDS ON THIS SITE.

**FIRST AND SUBSEQUENT RECEIVING STREAM:**

INITIAL RECEIVING WATER IS LAKE HARTLEY AND THE SUBSEQUENT RECEIVING WATER IS LAKE HANCOCK.

**POST CONSTRUCTION WQ / BMP DESCRIPTION**

WATER QUALITY IS PROVIDED BY PREVIOUSLY CONSTRUCTED STORMWATER MANAGEMENT FACILITY SERVICING COMMON DEVELOPMENT AREA.

**OWNER CONTACT:**

STEVE PULCHEON  
SENIOR MANAGER OF CONSTRUCTION  
1 GLEN BELL WAY  
IRVINE, CA 92618

**ANTICIPATED TIMING:**

CONSTRUCTION BEGIN: OCTOBER, 2021  
CONSTRUCTION COMPLETE: JANUARY, 2022

**CONTRACTOR:** T.B.D.

CONTACT: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_

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

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



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

DATE	REMARKS
05/05/22	ISSUED FOR BID
05/18/22	DEV. COMMENTS
07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787

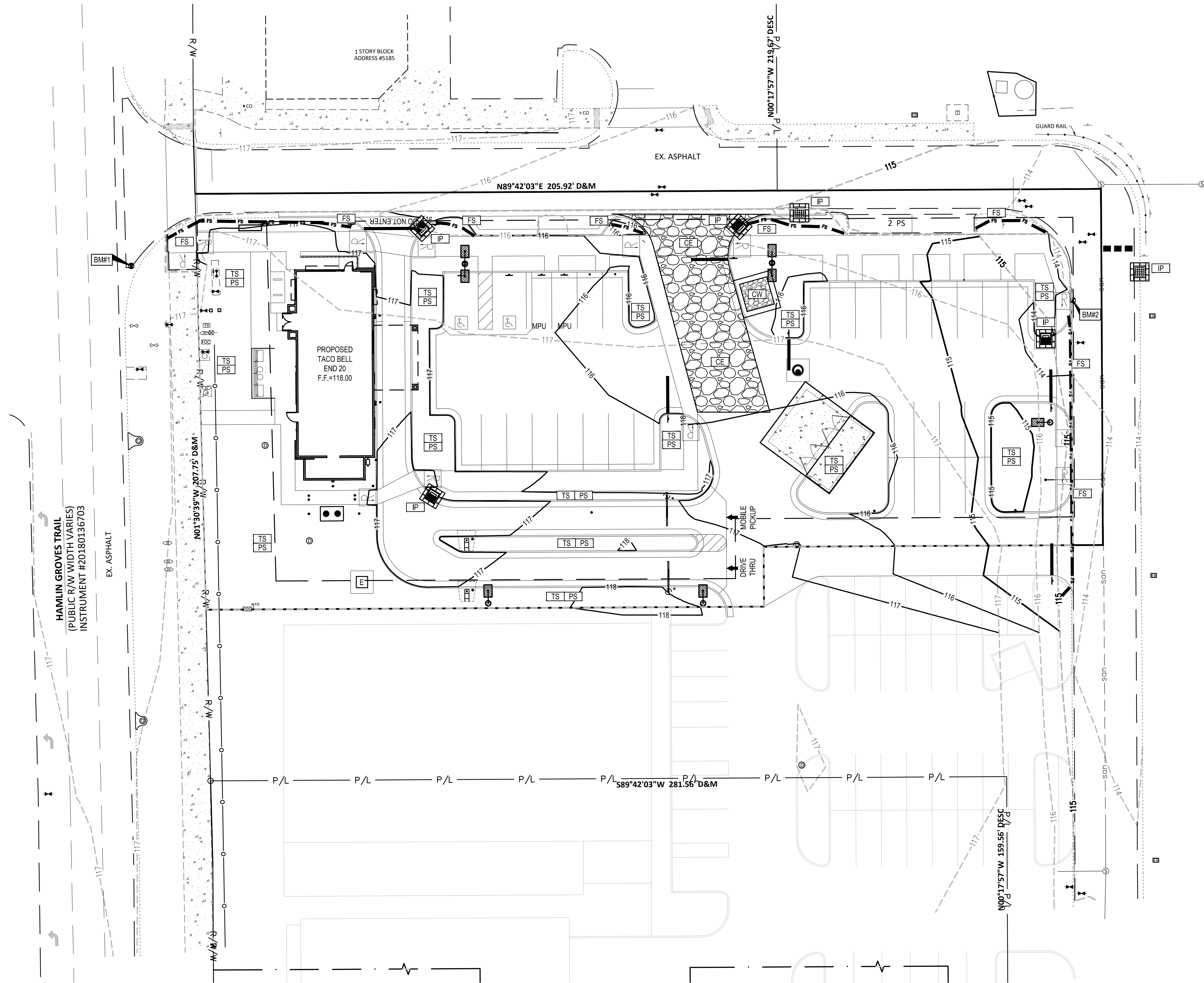


ENDEAVOR 2.0

SWPP  
PLAN

**C-012**

PLOT DATE: 8/19/2021 10:08:35 AM



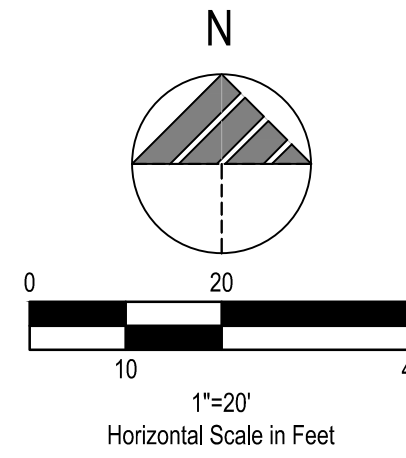
**BENCHMARKS:**  
BASIS OF BEARING NAVD88.

BENCHMARK #1 -  
ELEVATION=116.31'

BENCHMARK #2 -  
ELEVATION=113.57'

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

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- LIMITS OF DISTURBANCE
- DENOTES LIMITS OF SAWCUT
- DEMOLITION KEYNOTE
- APPURTENANCES



**GENERAL SHEET NOTES**

- PRIOR TO DEMOLITION OF UTILITIES, CONTRACTOR SHALL FIELD VERIFY THAT NO UPSTREAM OR DOWNSTREAM UTILITIES TO REMAIN ARE DEPENDENT OF SAID UTILITY TO BE REMOVED. CONTRACTOR SHALL CONTACT CONSTRUCTION MANAGER IF EXISTING UTILITIES TO REMAIN ARE FOUND DEPENDENT OF SAID REMOVALS.
- CONTRACTOR SHALL ENSURE REMOVAL OF LIGHT POLE / SIGN / ETC. ELECTRIC CONDUIT HAS NO AFFECT ON REMAINING OVERALL DEVELOPMENT LIGHTING / ELECTRICAL SERVICES TO REMAIN.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE ELECTRIC UTILITY COMPANY. CONTRACTOR SHALL ENSURE THERE IS NO SERVICE INTERRUPTION TO NEIGHBORING PROPERTIES. CONTRACTOR SHALL PLACE PULL BOXES AS REQUIRED FOR TRANSFORMER REMOVALS / SPICING / ETC. ALL WORK SHALL BE PER THE UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
- EXISTING UTILITY LOCATIONS SHOWN HEREIN FROM UTILITY PROVIDER RECORD PLANS AND SURVEY DRAWINGS. CONTRACTOR SHALL FIELD LOCATE ALL EXISTING FEATURES ASSOCIATED TO THE PROPOSED IMPROVEMENTS.

**PLAN KEYNOTES (#)**

- EXISTING CURB TO BE REMOVED.
- EXISTING LIGHT POLE AND SHUT OFF SWITCH TO BE REMOVED AND RETURNED TO OWNER.
- EXISTING CURB TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
- EXISTING PAVEMENT TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
- EXISTING WALK TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION. REMOVE AND REPLACE ANY DAMAGED WALK AREAS AT CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
- EXISTING STORM MANHOLE TO BE ADJUSTED TO GRADE. SEE SHEET C-111 FOR DETAILS.
- EXISTING CONCRETE GUTTER TO BE REMOVED. CONTRACTOR SHALL SAWCUT AT JOINT BETWEEN ASPHALT AND CONCRETE. THEN CAREFULLY PULL CONCRETE GUTTER BACK AWAY FROM ASPHALT AS TO NOT DISTURB ASPHALT PAVEMENT.
- EXISTING CATCH BASIN CASTING TO BE REMOVED AND REPLACED WITH CURB INLET CASTING. SEE SHEET C-111 FOR DETAILS.
- EXISTING FIRE HYDRANT TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
- EXISTING ELECTRIC CONDUIT TO BE CUT AND CAPPED. CONTRACTOR SHALL ENSURE REMOVAL OF THIS SERVICE LINE CAUSES NO DISRUPTION TO EXISTING SITE LIGHTING TO REMAIN.
- EXISTING CURB RAMP AND ASSOCIATED DETECTABLE WARNING TO BE REMOVED.

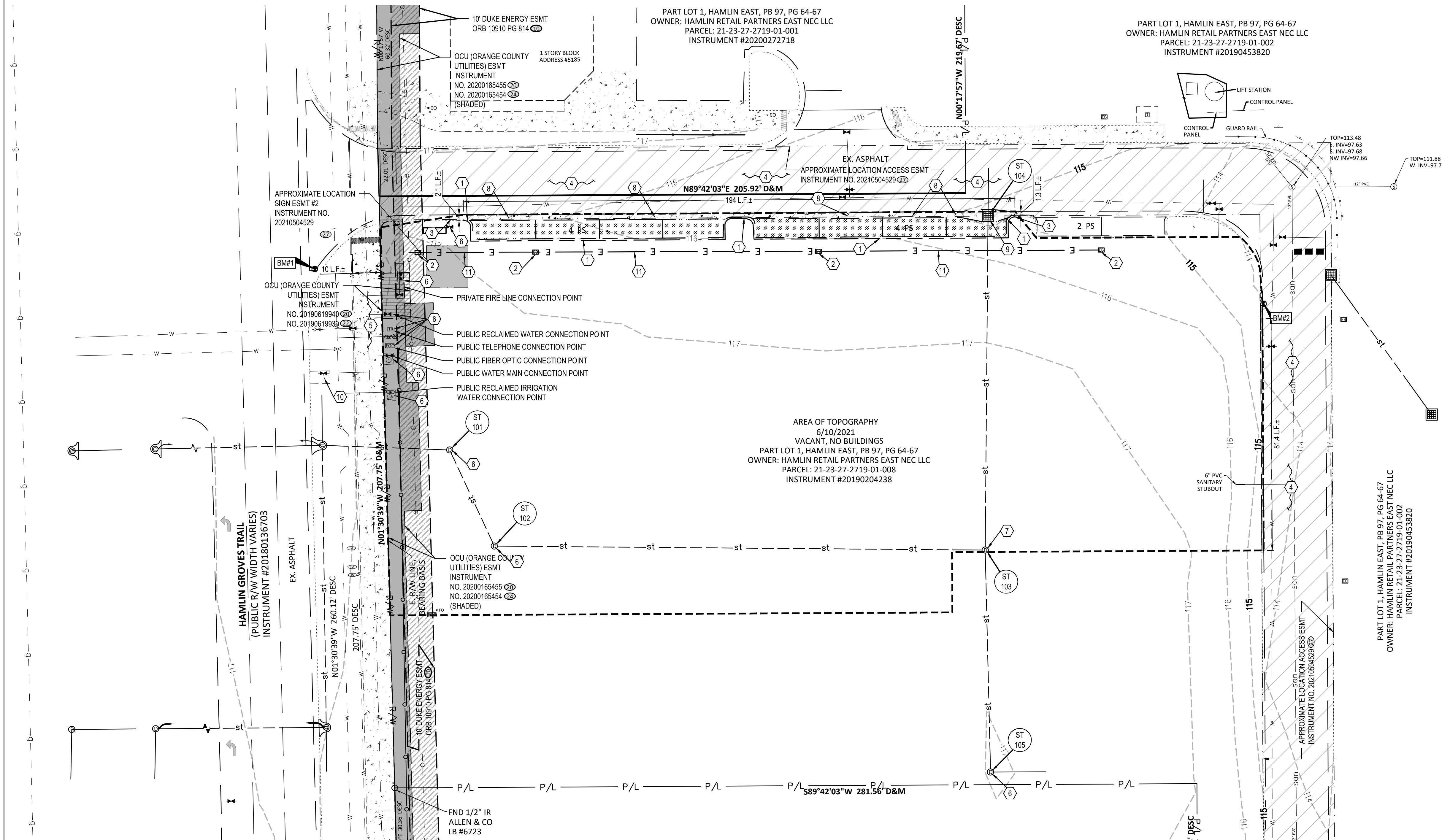
**DEMOLITION NOTE:**

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

**UTILITY EASEMENT NOTE:**

FURTHER INFORMATION REGARDING UTILITY EASEMENTS CAN BE FOUND ON THE SURVEY.

EXISTING STRUCTURES	
STRCT. ID	STRUCTURE DETAILS
ST 101	EXISTING STORM MANHOLE RIM=117.67 INV. 24" (SE)=106.71
ST 102	EXISTING STORM MANHOLE RIM=117.54 INV. 24" (NW)=106.88 INV. 24" (E)=106.88
ST 103	EXISTING STORM MANHOLE PROP. RIM=117.04 EX. RIM=117.42 INV. 24" (W)=107.32 INV. 24" (N)=107.37 INV. 24" (S)=107.33
ST 104	EXISTING FDOT TYPE 'S' INLET GRATE=114.98 INV. 24" (S)=107.58 INV. 24" (N)=107.58
ST 105	EXISTING STORM MANHOLE RIM=116.98 INV. 24" (N)=107.70 INV. 24" (E)=107.73



DATE	REMARKS
05/05/22	ISSUED FOR BID
05/18/22	DEV. COMMENTS
07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
 BUILDING TYPE: END. 20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JN  
 DRAWN BY: EA  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 HAMLIN GROVES TRAIL  
 WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
 DEMOLITION PLAN

**C-101**

PLOT DATE: 8/19/2021 10:08:35 AM

**BENCHMARKS:**  
BASIS OF BEARING NAVD88.  
BENCHMARK #1 -  
ELEVATION=116.31'  
BENCHMARK #2 -  
ELEVATION=113.57'

**FIRE MARSHALL NOTES:**  
1. CURRENT EDITION OF THE CODE FFPC (NFPA 1 AND 101 7TH EDITION).  
2. DURING CONSTRUCTION, WHEN COMBUSTIBLES ARE BROUGHT ON TO THE SITE, ACCESS ROADS AND A SUITABLE TEMPORARY OR PERMANENT SUPPLY OF WATER ACCEPTABLE TO THE FIRE DEPARTMENT SHALL BE PROVIDED AND MAINTAINED, NFPA 1 (7TH EDITION).

**SPECIAL DEVELOPMENT NOTE:**  
1. ALL SIGNAGE SHALL COMPLY WITH CHA. 31.5 PER ORANGE COUNTY CODE SEC. 38-1390.56 (E) (3) (I) - TOWN CENTER LAND USE DISTRICTS DEVELOPMENT STANDARDS, MAXIMUM BUILDING HEIGHT IS TO BE 50'.  
2. PER ORANGE COUNTY CODE SEC. 38-1390 (E) (3) (F) - TOWN CENTER LAND USE DISTRICTS DEVELOPMENT STANDARDS, MAXIMUM LOT COVERAGE IS RESERVED.

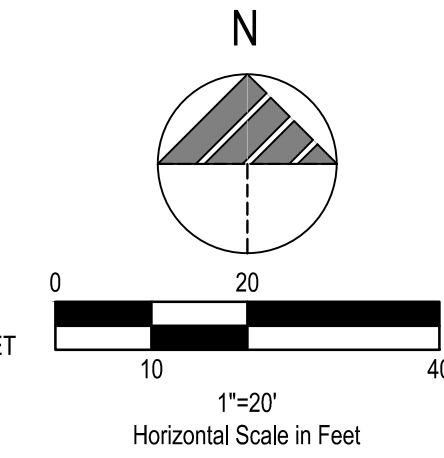
**SPECIAL DEVELOPMENT COMPLIANCE NOTES:**  
1. APPROVAL OF THIS DEVELOPMENT PLAN CONSTITUTES A LOT SPLIT APPROVAL.  
2. POLE SIGNS AND BILLBOARDS SHALL BE PROHIBITED. ALL OTHER SIGNAGE SHALL COMPLY WITH APPROVED MASTER SIGN PLAN.  
3. IT IS BELIEVED THAT THESE PLANS ARE IN COMPLIANCE WITH COMMERCIAL DESIGN STANDARDS SET FORTH IN ARTICLE XIII OF CHAPTER 9 OF THE ORANGE COUNTY CODE.  
4. ALL LIGHTING SHALL COMPLY WITH ARTICLE XVI OF CHAPTER 9 OF THE ORANGE COUNTY CODE.

**UTILITY EASEMENT NOTE:**  
1. FURTHER INFORMATION REGARDING UTILITY EASEMENTS CAN BE FOUND ON THE SURVEY.

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

- PROPOSED LIGHT DUTY ASPHALT (SEE SHEET C-502).
- PROPOSED HEAVY DUTY ASPHALT (SEE SHEET C-502).
- PROPOSED CONCRETE (SEE SHEET C-502).
- PROPOSED CROSSWALK
- CONSTRUCTION KEYNOTE

- PROPOSED PARKING SPACE COUNT
- PROPOSED DRIVE THRU STACK CAR AND NUMBER
- PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS (SEE SHEET C-502).
- PROPOSED UTILITY STRUCTURES. REFER TO UTILITY PLAN FOR MORE INFORMATION.



- PROPOSED P.C.C. CURB. SEE SHEET C-501.
- PROPOSED CURB AT DRIVE THRU. SEE SHEET C-501.
- PROPOSED DETERRENT BOLLARD. SEE SHEET C-501.
- PROPOSED P.C.C. CURBED WALK. SEE SHEET C-501.
- PROPOSED P.C.C. FLUSH CURB WALK. SEE SHEET C-501.
- PROPOSED P.C.C. WALK. SEE SHEET C-501.
- PROPOSED LIGHT DUTY P.C.C. PAVEMENT W/ W.W.F. 6" x 6" W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER GRADED AGGREGATE BASE. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT. SEE SHEET C-502 FOR DETAILS AND THICKNESSES.
- PROPOSED DETERRENT BOLLARD IN CURB. SEE SHEET C-501.
- PROPOSED ADA PARKING SIGN. SEE SHEET C-501.
- PROPOSED LANDSCAPING AREA. SEE LANDSCAPE PLANS.
- PROPOSED 'DO NOT ENTER & STOP' SIGN PER FDOT STANDARDS AND SHEET C-501, AND ASSOCIATED STOP BAR. SEE SHEET C-506.
- PROPOSED PAINTED TRANSVERSE STRIPING. SEE SHEET C-506.
- PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE FOR ADA.
- PROPOSED DIRECTIONAL PAVEMENT MARKINGS - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE FOR ADA - SEE SHEET C-506.
- PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS AND SHEET C-506.
- PROPOSED LIGHT POLE AND FOUNDATION. SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- PROPOSED HEAVY DUTY P.C.C. PAVEMENT W/ W.W.F. 6" x 6" W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER GRADED AGGREGATE BASE. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT. SEE SHEET C-502 FOR DETAILS AND THICKNESSES.
- PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS AND SHEET C-502.
- APPROXIMATE LOCATION OF PROPOSED MONUMENT SIGN, BY DEVELOPER.
- PROPOSED FROST SLAB AT DOOR. SEE THIS SHEET FOR SIZE AND STRUCTURAL DRAWINGS FOR DETAIL.
- PROPOSED BUILDING/CANOPY. SEE ARCHITECTURAL DRAWINGS.
- PROPOSED EVOLUTION PORTAL CLEARANCE BAR. SEE SHEET C-503.
- PROPOSED SPEAKER POST AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-503. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF SPEAKER POST AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. IS RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL.
- PROPOSED DUMPSTER ENCLOSURE ON P.C.C. PAD. REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.
- PROPOSED BIKE RACK. SEE SHEET C-501.
- PROPOSED CONCRETE COLLAR. SEE SHEET C-502.
- PROPOSED "MOBILE PICK UP" PARKING SIGNS IN BOLLARD. CONTRACTOR TO INSTALL SIGN POST AND BOLLARD PER THE ADA PARKING SIGN DETAIL. SIGN TO BE PROVIDED BY SIGN VENDOR.
- SIGN SUPPLIER SHALL PROVIDE SHALLOW FOUNDATION DESIGN FOR PROPOSED SPEAKER POST AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS AND SHEET C-503. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF SPEAKER POST AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. IS RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL. CONTRACTOR SHALL FIELD LOCATE AND VERIFY DEPTH AND LOCATION OF EXISTING STORM SEWER AS TO NOT DISTURB EXISTING STORM SEWER.
- PROPOSED HANDRAIL. SEE SHEET C-502.
- PROPOSED 3" CURB TAPER. SEE SHEET C-501.
- PROPOSED CROSSWALK. ALL CROSSWALKS SHALL BE PROPOSED PINE HALL BRICK - ENGLISH EDGE FULL RANGE 4X8 CLAY PAVERS. PAVEMENT PATTERN TO MATCH ADJACENT CROSSWALKS WITHIN THE HAMLIN GROVES DEVELOPMENT.
- PROPOSED CURB & GUTTER/GUTTER PAN, CROSS SECTION AND PROFILE SHALL MATCH EXISTING FLOW LINE CHARACTERISTICS. ALSO SEE SHEET C-506. CONTRACTOR SHALL MATCH EXISTING CURB & GUTTER IN KIND.
- EXISTING CATCH BASIN CASTING TO BE REPLACED PER FDOT CURB INLET. CONTRACTOR SHALL MATCH EXISTING CURB INLET CASTING ACROSS ROADWAY.
- NOT USED.
- PROPOSED STOP SIGN. SEE SHEET C-501, AND ASSOCIATED PAINTED STOP BAR. SEE SHEET C-506.
- PROPOSED TRANSFORMER. SEE SHEET C-131 FOR MORE INFORMATION.
- PROPOSED P.C.C. CURB AND GUTTER. SEE SHEET C-503.
- PROPOSED P.C.C. REVERSE PITCH CURB AND GUTTER. SEE SHEET C-503.

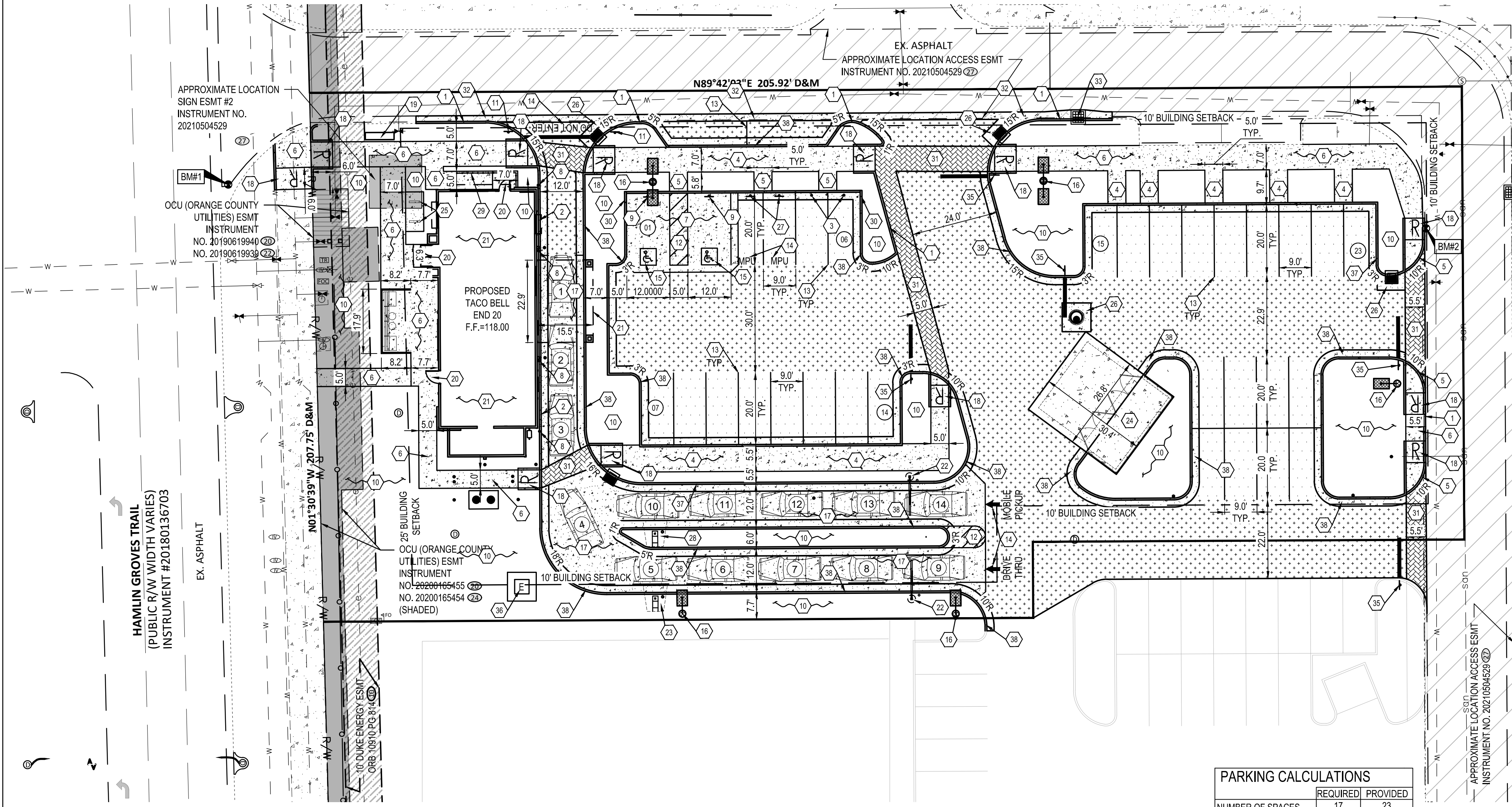
DATE	REMARKS
01 04/29/22	NTP COMMENTS
02 05/04/22	OCU COMMENTS
03 05/05/22	ISSUED FOR BID
03 05/18/22	DEV. COMMENTS
04 07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

PROJECT DATA TABLE	
PROPOSED USE	DRIVE THRU RESTAURANT
TOTAL SQUARE FOOTAGE (SF)	44,378
BUILDING COVERAGE (SF)	2,178 = 0.05 AC. = 4.9% OF SITE
FLOOR AREA RATIO	0.05
OPEN SPACE - CATEGORY A (SF)	13,450 = 0.31 AC. = 30.4% OF SITE
IMPERVIOUS (SF)	28,750 = 0.66 AC. = 64.7% OF SITE
BUILDING HEIGHT (MAX.)	23'-0"
BUILDING STORIES	1
EXISTING SOIL TYPES	CANDLER FINE SAND, 5 TO 12 PERCENT SLOPES
WATER SERVICE PROVIDER	ORANGE COUNTY UTILITIES
DP - PSP - 17-08-253	HAMLIN PD/HAMLIN EAST PROTON THERAPY CENTER
CAD AREA DETERMINATION	CAD-17-09-127
CAD AREA IMPACT #	CAI-17-10-025
EXISTING ZONING	PLANNED DEVELOPMENT (PD)
PROPOSED ZONING	PLANNED DEVELOPMENT (PD)
FUTURE LAND USE MAP (FLUM)	VILLAGE (V)

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY: EA  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787

**TACO BELL**  
ENDEAVOR 2.0  
SITE PLAN  
**C-111**  
PLOT DATE: 8/19/2021 10:08:35 AM



**GENERAL NOTE:**  
PRIOR TO THE START OF CONSTRUCTION OR ORDERING OF MATERIALS, GENERAL CONTRACTOR SHALL VERIFY THAT THE PROPOSED LOCATION OF THE LIGHT POLE FOUNDATIONS WILL NOT DAMAGE ANY EXISTING UTILITIES. IF LIGHT POLE FOUNDATIONS ARE NOT ABLE TO BE INSTALLED WITHOUT DAMAGE TO EXISTING UTILITY INFRASTRUCTURE, THE GENERAL CONTRACTOR SHALL CONTACT THE PROJECT COORDINATOR IMMEDIATELY.

**CONSTRUCTION PHASING**  
1. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED. A GENERAL CONSTRUCTION SEQUENCE FOLLOWS AND MAY NEED TO BE UPDATED BY THE CONTRACTOR TO SUIT THE SPECIFICS OF THE SITE AND INTENDED CONTRACTOR SPECIFIC SEQUENCING.  
1.1. INSTALL CONSTRUCTION ENTRANCE AS DETAILED ON PLANS. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED AROUND PERIMETER OF CONSTRUCTION SITE. WHERE THERE IS EXISTING FENCE ALONG THE PERIMETER OF THE SITE, IT CAN BE UTILIZED. FENCING SHALL BE USED TO RESTRICT OUTSIDE TRAFFIC TO SITE.  
1.2. DELIVER CONSTRUCTION TRAILER TO SITE AND INSTALL TEMPORARY POWER AND TELEPHONE, IF REQUIRED. TEMPORARY UTILITY SERVICES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.  
1.3. STAKE AND/OR FLAG LIMITS OF CLEARING.  
1.4. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS. INSTALL SILT PERIMETER CONTROLS AS SHOWN ON PLANS. SILT PERIMETER CONTROLS SHALL BE INSTALLED LEVEL, ALONG THE CONTOURS, WITH ENDS TURNED UPSLOPE TO PREVENT CONCENTRATED FLOW AT THE SILT PERIMETER CONTROLS.  
1.5. INSTALL TEMPORARY SILT INLET PROTECTION ON ALL EXISTING CATCH BASINS AND INLETS, AS DESIGNATED IN THE PLANS. REMOVAL OF SILT INLET PROTECTION FROM DESIGNATED INLETS CAN ONLY OCCUR WHEN A STRUCTURE IS REMOVED, AND AS REQUIRED BY THE PROGRESSION OF THE DEMOLITION AND CONSTRUCTION.  
1.6. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF TEMPORARY SEDIMENT TRAP/BASIN. INSTALL TEMPORARY SEDIMENT TRAP/BASIN, IF REQUIRED, AS DETAILED IN THE PLANS. CONSTRUCT AND MAINTAIN TEMPORARY DIVERSION SWALE AND / OR DIVERSION BERM DURING FILLING & GRADING ACTIVITIES.  
1.7. CLEAR & GRUB THE REMAINING SITE AS NECESSARY. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON

SITE FOR REUSE, OR REMOVED TO AN APPROVED OFFSITE SPOIL AREA.  
1.8. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.  
1.9. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.  
1.10. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION.  
1.11. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS, INSTALL REQUIRED INLET PROTECTION.  
1.12. DO NOT REPLACE ANY TOPSOIL. SEED OR INSTALL FINAL PAVEMENT PRIOR TO COMPLETION OF BUILDING SHELL. SHOULD SITEWORK BE COMPLETED PRIOR TO THIS DATE, MULCH DISTURBED AREAS TO BE PLANTED AND INSTALL STONE SUBBASE IN DISTURBED AREAS TO BE PAVED.  
1.13. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.  
1.14. COMPLETE SITEWORK, PAVEMENT MARKINGS AND FINAL CLEAN-UP. RESEED ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A MINIMUM 80% VEGETATIVE DENSITY HAS BEEN ACHIEVED.  
1.15. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED. ALL AREAS OF VEGETATIVE SURFACE, WHETHER PERMANENT OR TEMPORARY, SHALL BE CONSIDERED TO BE IN PLACE AND FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.  
1.16. REMOVE SEDIMENT CONTROLS.  
2. NO PHASING WITH THE ADJACENT DEVELOPMENT IS REQUIRED AT THIS TIME. COMPLETE BUILD OUT.

**PARKING CALCULATIONS**

	REQUIRED	PROVIDED
NUMBER OF SPACES	17	23

**PARKING REQUIREMENTS**  
1 SPACE FOR EACH 4 SEATS, PLUS 1 SPACE FOR EACH 75 S.F. OF FLOOR AREA  
THEREFORE: (32 / 4) + (675 / 75) = 17 SPACES REQUIRED.

**BUILDING SETBACKS**

	REQUIRED	PROVIDED
FRONT: HAMLIN	25'	34'
REAR: WEST	10'	247'
SIDE: NORTH	10'	18'
SIDE: SOUTH	10'	46'

**PARKING SETBACKS**

	REQUIRED	PROVIDED
FRONT: HAMLIN	7'	18'
REAR: WEST	7'	7'
SIDE: NORTH	7'	7'
SIDE: SOUTH	0'	0'

**LANDSCAPE SETBACKS**

	REQUIRED	PROVIDED
FRONT: HAMLIN	7'	18'
REAR: WEST	7'	7'
SIDE: NORTH	0'	7'
SIDE: SOUTH	0'	0'

**PARKING CALCULATIONS NOTE:**  
PARKING CALCULATIONS BASED UPON SEATING CAPACITY OF INDOOR AND OUTDOOR SEATING AREAS.

**BIKE SPACES CALCULATIONS**

	REQUIRED	PROVIDED
NUMBER OF SPACES	4	4

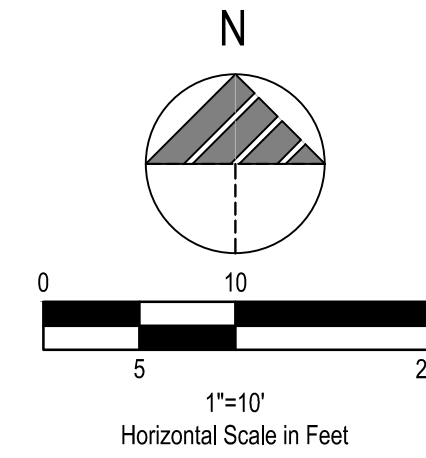
**PARKING REQUIREMENTS**  
2 BIKE SPACES FOR EACH DEVELOPMENT WITH 10 PARKING STALLS, PLUS 1 BIKE SPACE FOR EACH 10 PARKING STALLS OVER 10.  
THEREFORE: 23 - 10 = 13; 13 / 10 = 1.3 ~ 2;  
2 + 2 = 4 BIKE SPACES REQUIRED

**IMPERVIOUS SURFACE RATIO (ISR)**  
ISR = IMPERVIOUS AREA (BUILDING AREA + IMPERVIOUS AREA) / TOTAL SITE AREA  
THEREFORE: (2,178 + 28,750) / (44,378) = 0.69  
**ISR = 0.69**



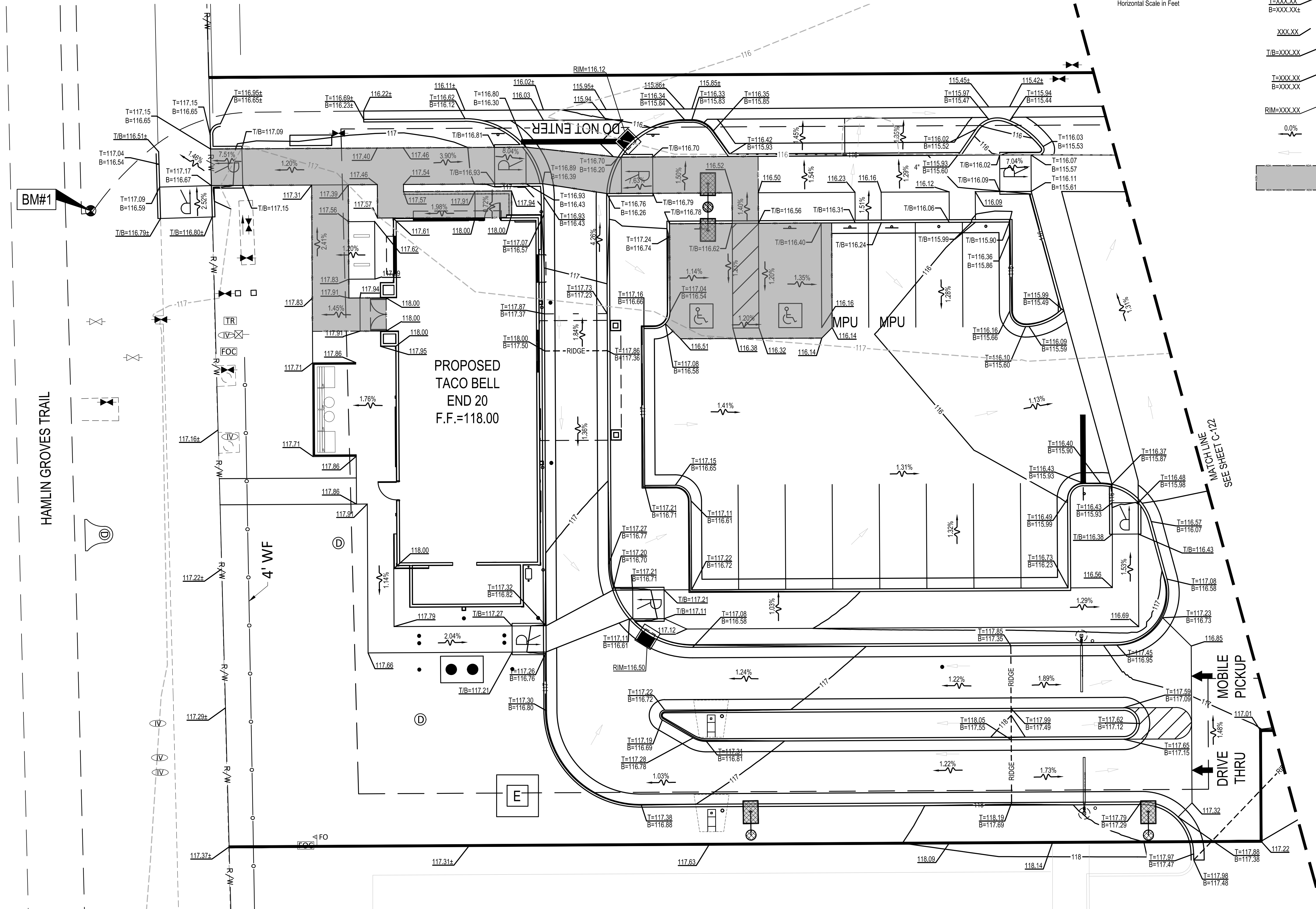


**BENCHMARKS:**  
BASIS OF BEARING NAVD88.  
BENCHMARK #1 -  
ELEVATION=116.31'  
BENCHMARK #2 -  
ELEVATION=113.57'



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

- 000— PROPOSED CONTOUR
- XXX.XX± EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE
- T/B=XXX.XX± EXISTING TOP/BOTTOM OF CURB ELEVATION/MATCH EXISTING GRADE
- T=XXX.XX± B=XXX.XX± EXISTING TOP OF CURB/MATCH EXISTING ELEVATION BOTTOM OF CURB/MATCH EXISTING ELEVATION
- T=XXX.XX± B=XXX.XX± TOP OF CURB ELEVATION BOTTOM OF CURB/MATCH EXISTING ELEVATION
- XXX.XX± PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
- T/B=XXX.XX± TOP/BOTTOM OF CURB ELEVATION/FINISHED PAVEMENT ELEVATION
- T=XXX.XX± B=XXX.XX± TOP OF CURB ELEVATION BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
- RIM=XXX.XX± RIM ELEVATION OF PROPOSED STRUCTURE
- 0.0% PROPOSED DRAINAGE SLOPE & DIRECTION
- EMERGENCY OVERLAND FLOW ROUTE
- ▭ LIMITS OF ADA ROUTING



DATE	REMARKS
05/05/22	ISSUED FOR BID
03 05/18/22	DEV. COMMENTS
04 07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
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BRAND DESIGNER:  
SITE NUMBER: 314877  
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PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



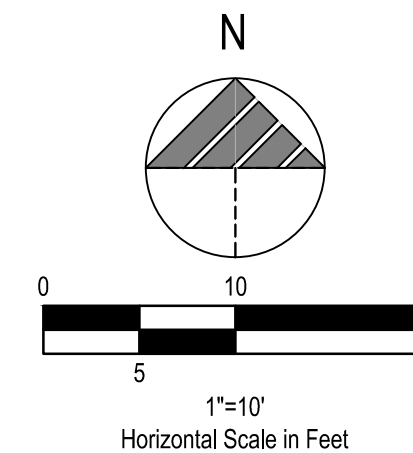
ENDEAVOR 2.0  
GRADING PLAN

**C-121**

PLOT DATE: 8/19/2021 10:08:35 AM

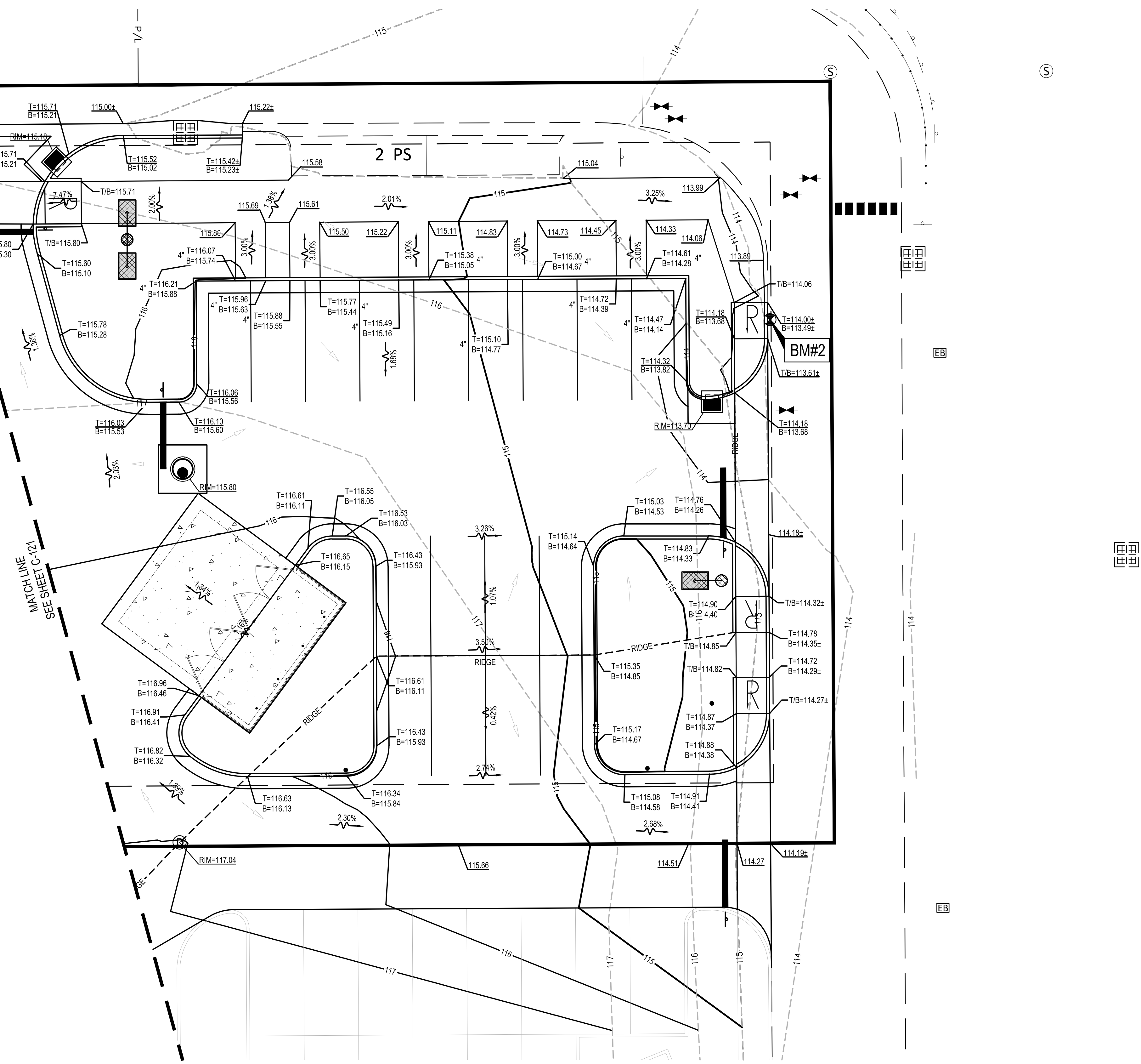


**BENCHMARKS:**  
BASIS OF BEARING NAVD88.  
BENCHMARK #1 -  
ELEVATION=116.31'  
BENCHMARK #2 -  
ELEVATION=113.57'



- LEGEND**  
(SEE SHEET C-001 FOR GENERAL LEGEND)
- 000— PROPOSED CONTOUR
  - XXX.XX± EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE
  - T/B=XXX.XX± EXISTING TOP/BOTTOM OF CURB ELEVATION/MATCH EXISTING GRADE
  - T=XXX.XX±  
B=XXX.XX± EXISTING TOP OF CURB/MATCH EXISTING ELEVATION  
BOTTOM OF CURB/MATCH EXISTING ELEVATION
  - T=XXX.XX  
B=XXX.XX± TOP OF CURB ELEVATION  
BOTTOM OF CURB/MATCH EXISTING ELEVATION
  - XXX.XX± PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
  - T/B=XXX.XX± TOP/BOTTOM OF CURB ELEVATION/FINISHED PAVEMENT ELEVATION
  - T=XXX.XX  
B=XXX.XX± TOP OF CURB ELEVATION  
BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
  - RIM=XXX.XX± RIM ELEVATION OF PROPOSED STRUCTURE
  - 0.0% PROPOSED DRAINAGE SLOPE & DIRECTION
  - EMERGENCY OVERLAND FLOW ROUTE

**GPD GROUP, INC.**  
LIC. # - 30920  
520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101



DATE	REMARKS
05/05/22	ISSUED FOR BID
03 05/18/22	DEV. COMMENTS
04 07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
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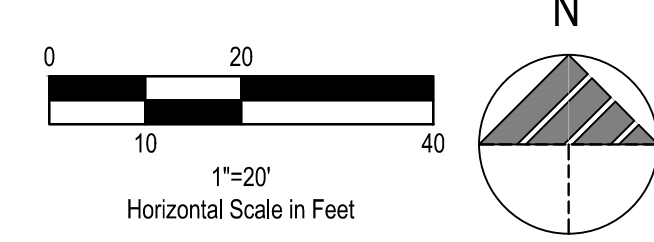
**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
GRADING PLAN  
**C-122**



BENCHMARKS:  
BASIS OF BEARING NAVD88.  
BENCHMARK #1 -  
ELEVATION=116.31'  
BENCHMARK #2 -  
ELEVATION=113.57'



PLAN KEYNOTES

STORM

- 100. PROPOSED DOWNSPOUT COLLECTOR LINE @ 2.00% MINIMUM, 5 L.F. TOTAL.
101. PROPOSED 14 L.F. OF 6" (PVC) STORM SEWER @ 2.00%.
102. PROPOSED 21 L.F. OF 6" (PVC) STORM SEWER @ 4.29%.
103. PROPOSED 137 L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
104. PROPOSED 31 L.F. OF 6" (PVC) STORM SEWER @ 2.00%.
105. PROPOSED 34 L.F. OF 6" (PVC) STORM SEWER @ 2.00%.
106. PROPOSED 112 L.F. OF 12" (HDPE) STORM SEWER @ 1.04%.
107. PROPOSED 55 L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
108. PROPOSED 88 L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
109. PROPOSED STORM CLEANOUT, SEE SHEET C-502, 6" INV.=114.18.
110. PROPOSED STORM CLEANOUT, SEE SHEET C-502, 6" INV.=113.90.
111. PROPOSED STORM CLEANOUT, SEE SHEET C-502, 6" INV.=113.71.
112. PROPOSED STORM CLEANOUT, SEE SHEET C-502, 6" INV.=113.09.

SANITARY

- 200. PROPOSED SANITARY CONNECTION - GREASE LINE. CONTRACTOR SHALL PROVIDE FITTINGS AS MAY BE REQUIRED TO 6" OUTSIDE OF BUILDING, 6" INV.=112.00
201. PROPOSED SANITARY CONNECTION - WASTE LINE. CONTRACTOR SHALL PROVIDE FITTINGS AS MAY BE REQUIRED TO 6" OUTSIDE OF BUILDING, 6" INV.=112.00
202. PROPOSED TWO-WAY SANITARY CLEANOUT. REFER TO PLUMBING PLANS, 6" INV.=111.95
203. PROPOSED TWO-WAY SANITARY CLEANOUT. REFER TO PLUMBING PLANS, 6" INV.=111.95
204. PROPOSED UPSTREAM SANITARY CLEANOUT, SEE SHEET C-502, AND WYE CONNECTION, SEE SHEET C-502, 6" INV.=111.90
205. PROPOSED DOWNSTREAM SANITARY CLEANOUT, SEE SHEET C-502, AND WYE CONNECTION, SEE SHEET C-502, 6" INV.=111.55
206. PROPOSED SANITARY CLEANOUT, SEE SHEET C-502, AND WYE CONNECTION, SEE SHEET C-502, 6" INV.=109.23
207. PROPOSED SANITARY CLEANOUT, SEE SHEET C-502, 6" INV.=109.08
208. PROPOSED 5 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00%.
209. PROPOSED 5 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00%.
210. PROPOSED 5 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00%.
211. PROPOSED 5 L.F. OF 6" (PVC) SANITARY SEWER @ 7.00%.
212. PROPOSED 4 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00%.
213. PROPOSED 6 L.F. OF 6" (PVC) SANITARY SEWER @ 1.00%.
214. PROPOSED 232 L.F. OF 6" (PVC) PRIVATE SANITARY SEWER @ 1.00%.
215. PROPOSED 15 L.F. OF 6" (PVC) PRIVATE SANITARY SEWER @ 1.00%.
216. PROPOSED 3" PVC SANITARY VENT. COORDINATE EXACT LOCATION WITH PLUMBING PLANS.
217. PROPOSED RISER AND NECESSARY FITTINGS AND REPLACEMENT PIPE AS NEEDED TO CONNECT TO EXISTING PRIVATE SANITARY SEWER SERVICE LATERAL. PROPOSED INVERT = 109.08. EXISTING INVERT = 88.94. CONTRACTOR SHALL FIELD VERIFY LOCATION, ELEVATION, AND CONDITION OF EXISTING LATERAL PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY PROPOSED PRIVATE SANITARY SEWER DESIGN CAN BE ACHIEVED. NOTIFY THE CONSTRUCTION MANAGER IF SEWER DESIGN CANNOT BE ACHIEVED.

WATER

- 300. PROPOSED BUILDING WATER CONNECTION. COORDINATE WITH PLUMBING PLANS.
301. PROPOSED PUBLIC ONE (1) 1-INCH DOMESTIC WATER METER WITH A 1-INCH SHORT SERVICE INSTALLED BY OCU. PUBLIC BACKFLOW PREVENTOR TO BE INSTALLED BY THE CONTRACTOR. PROPOSED METER AND BACKFLOW PREVENTOR TO BE LOCATED WITHIN PROPOSED PUBLIC OCU EASEMENT PER ORANGE COUNTY UTILITIES STANDARDS AND SPECIFICATIONS.
302. PROPOSED 66 L.F. 1" COPPER TYPE "K" WATER SERVICE LINE.
303. PROPOSED CONNECTION TO EXISTING WATER MAIN. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE UTILITY COMPANY.
304. PROPOSED CONNECTION TO EXISTING PUBLIC RECLAIMED WATER STUBOUT AND METER. CONTRACTOR SHALL PROVIDE PROPOSED PUBLIC BACKFLOW PREVENTION DEVICE PER ORANGE COUNTY UTILITIES STANDARDS AND SPECIFICATIONS.
305. PRIVATE RECLAIMED WATER SERVICE LINE (IRRIGATION).
306. PROPOSED 10'X15' ORANGE COUNTY UTILITY EASEMENT.

NOTES:

- 1. ESTIMATED FIRE FLOW IS 1500 GPM.
ELECTRIC AND COMMUNICATIONS

- 400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
401. PROPOSED ELECTRIC, TELECOMMUNICATIONS, AND FIBER OPTIC BUILDING CONNECTION. SEE BUILDING DRAWINGS FOR EXACT LOCATION.
402. PROPOSED LIGHT POLE. SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
403. PROPOSED PAD MOUNTED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
404. PROPOSED 292 L.F. ELECTRIC SERVICE LINE PER THE UTILITY COMPANY STANDARDS AND SPECIFICATIONS. COORDINATE ALL WORK WITH THE UTILITY COMPANY. CONTRACTOR SHALL REPAIR AND RESTORE ALL DISTURBED AREAS IN ACCORDANCE WITH LOCAL AND OWNER REQUIREMENTS.
405. PROPOSED 98 L.F. TELECOMMUNICATION SERVICE LINE PER THE UTILITY COMPANY STANDARDS AND SPECIFICATIONS. COORDINATE ALL WORK WITH THE UTILITY COMPANY.
406. PROPOSED 92 L.F. FIBER OPTIC SERVICE LINE PER THE UTILITY COMPANY STANDARDS AND SPECIFICATIONS. COORDINATE ALL WORK WITH THE UTILITY COMPANY.
407. PROPOSED CONNECTION TO EXISTING ELECTRIC SERVICE. COORDINATE ALL WORK WITH THE UTILITY COMPANY.
408. PROPOSED CONNECTION TO EXISTING TELECOMMUNICATION SERVICE. COORDINATE ALL WORK WITH THE UTILITY COMPANY.
409. PROPOSED CONNECTION TO EXISTING FIBER OPTIC SERVICE. COORDINATE ALL WORK WITH THE UTILITY COMPANY.
410. NOT USED.

GAS

- 500. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
501. PROPOSED 192 L.F. GAS SERVICE CONNECTION TO BE COORDINATED WITH THE GAS COMPANY. CONTRACTOR SHALL REPAIR AND RESTORE ALL DISTURBED AREAS IN ACCORDANCE WITH LOCAL AND OWNER REQUIREMENTS.
502. PROPOSED CONNECTION TO EXISTING GAS MAIN PER GAS COMPANY STANDARDS AND SPECIFICATIONS. COORDINATE ALL WORK WITH THE UTILITY COMPANY.

UTILITY CROSSINGS

- GENERAL UTILITY CROSSING NOTES:
1. CONTRACTOR SHALL COORDINATE ALL CROSSINGS/RELOCATIONS WITH THE RESPECTIVE UTILITY COMPANIES.
2. EXISTING AND PROPOSED PRESSURIZED (WATER & GAS) AND SECONDARY (ELECTRIC & COMMUNICATIONS) UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS WHEN CONFLICTS OCCUR.
3. WHEN A PROPOSED PRESSURIZED/SECONDARY UTILITY IS IN CROSSING CONFLICT WITH AN EXISTING PRESSURIZED/SECONDARY UTILITY, THE PROPOSED UTILITY SHALL DEFLECT TO OBTAIN MINIMUM CLEARANCE PER UTILITY PROVIDERS REQUIREMENT.
4. CONTRACTOR SHALL FIELD LOCATE EXISTING PRESSURIZED/SECONDARY UTILITIES AT PROPOSED CROSSINGS.
5. FOR CLEARANCE BETWEEN PIPES OF LESS THAN 18", THE CONTRACTOR SHALL PROVIDE CONCRETE ENCASMENT PER SHEET C-502.

UTILITY PROVIDER INFORMATION

WATER SERVICE AND SANITARY SEWER SERVICE PROVIDER:
ORANGE COUNTY UTILITIES - (407) 254-9900
9150 CURRY FORD RD.
SECOND FLOOR
ORLANDO, FL 32825



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

Table with 2 columns: DATE, REMARKS. Contains revision history from 02/05/04 to 05/08/22.

CONTRACT DATE: 08.19.21
BUILDING TYPE: END. 20
PLAN VERSION: MARCH 2021
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SITE NUMBER: 314877
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DRAWN BY: EA
JOB NO.: 2021088.17

TACO BELL
5201 HAMLIN GROVES TRAIL
WINTER GARDEN, FL 34787



ENDEAVOR 2.0

UTILITY PLAN C-131

PLOT DATE: 8/19/2021 10:08:35 AM

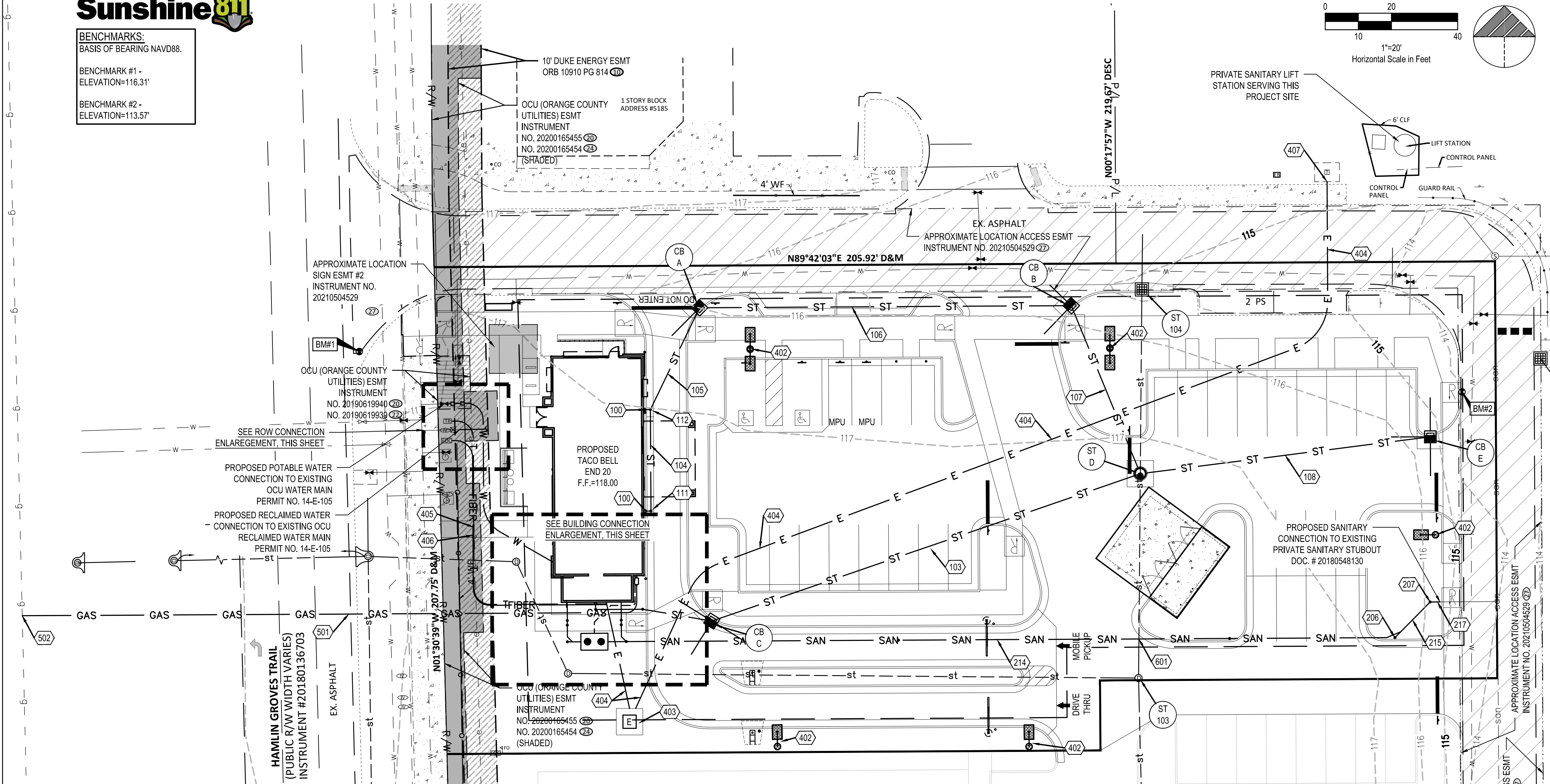
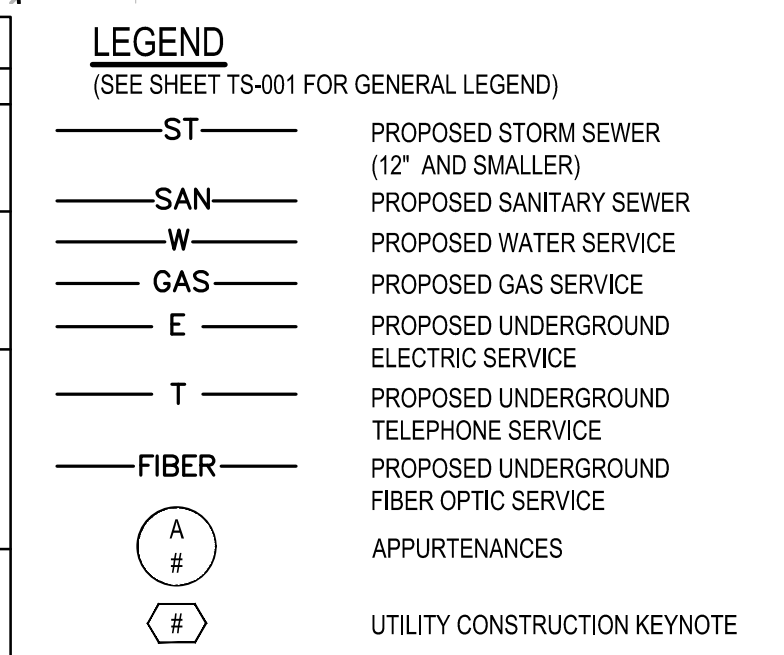
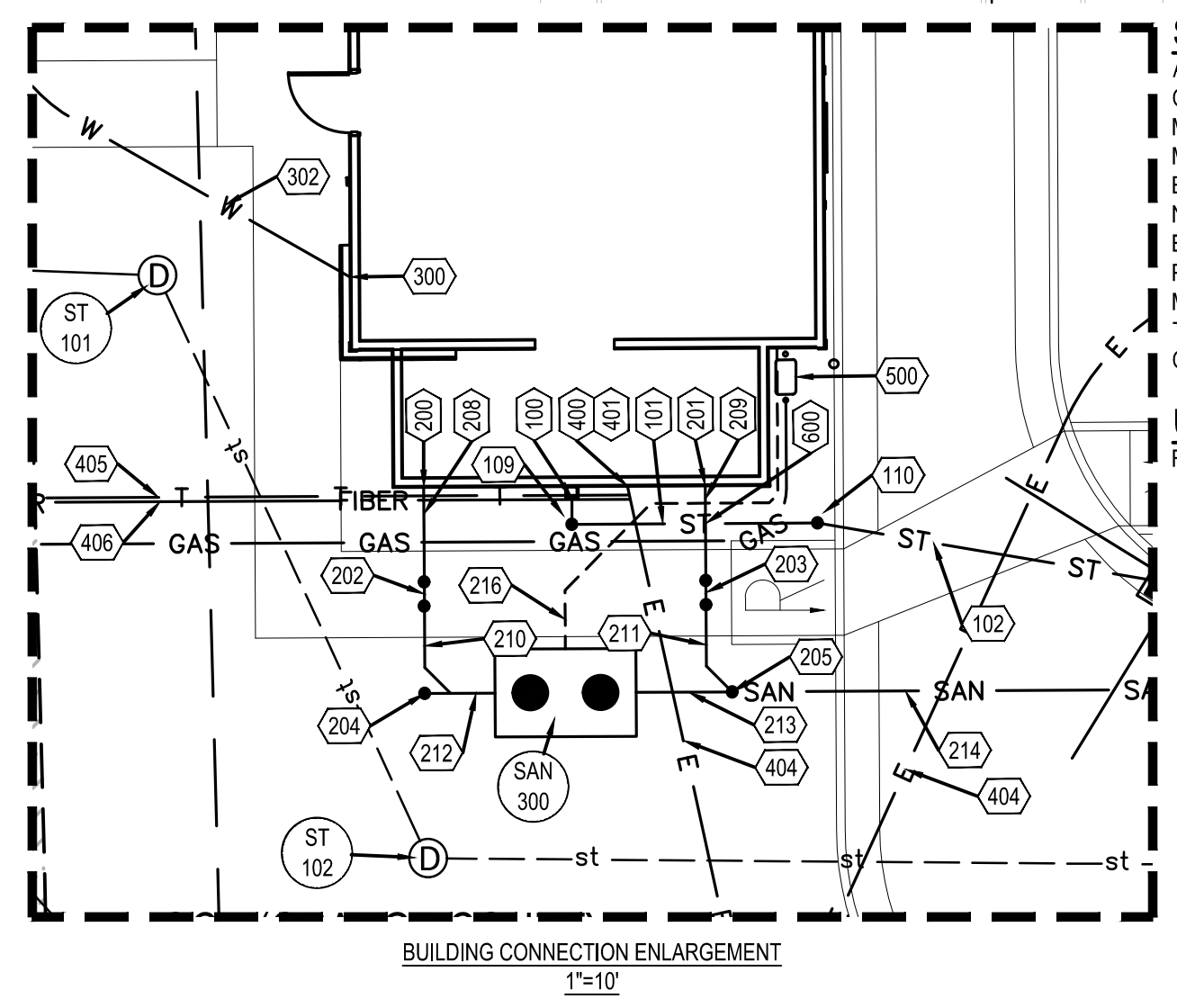


Table with 2 columns: PROPOSED STRUCTURES, EXISTING STRUCTURES. Lists structure IDs (CB A, B, C, D, E, ST 101-105) and their details.

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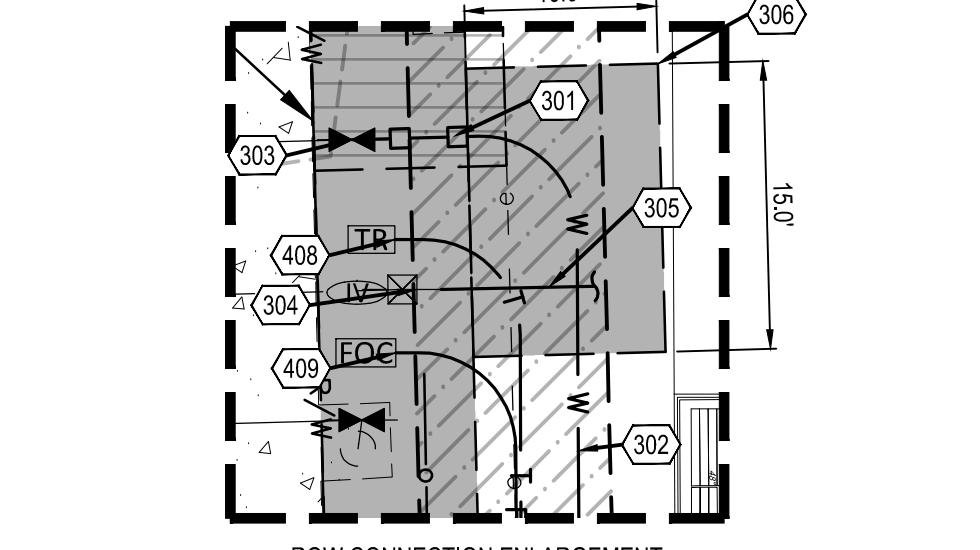


- GENERAL SHEET NOTES
1. SEE SHEET C-001 FOR ADDITIONAL UTILITY NOTES.
2. ALL CATCH BASINS AND MANHOLES SHALL HAVE A 2'-0" SUMP MINIMUM.
3. ALL CASTINGS WITHIN PAVEMENT AREAS SHALL BE H20 LOADING HEAVY DUTY.
4. CONTRACTOR SHALL FIELD VERIFY LOCATION, DEPTH, AND CONDITION OF EXISTING UTILITY TIE-IN POINTS AND ALERT THE CONSTRUCTION MANAGER IF THE PROPOSED DESIGN CANNOT BE ACHIEVED.



STORM DRAIN INLET LABELS:
ALL STORM DRAIN INLETS CONSTRUCTED AS PART OF NEW DEVELOPMENT PROJECTS IN ORANGE COUNTY SHALL HAVE METAL MEDALLION INLET MARKERS INSTALLED. TEXT ON THE MARKER SHALL BE EVENLY SPACED AND READ "NO DUMPING, ONLY RAIN IN THE DRAIN." MARKERS MUST BE COMMERCIAL GRADE STAINLESS STEEL, ALUMINUM, BRASS OR BRONZE AND EITHER STAMPED FROM SHEET METAL OR CAST. METAL MARKER COLOR MUST BE NON-REFLECTIVE BLUE OR GREEN. AQUATIC CREATURE OR SYMBOL SHOWN ON MARKER SHALL BE CONSISTENT THROUGHOUT THE SUBDIVISION. MARKERS MUST BE AFFIXED TO A CLEAN, PREPARED SURFACE WITH ADHESIVES, FASTENERS, OR HEAT AS RECOMMENDED BY THE MANUFACTURER. MARKERS SHALL BE ALIGNED WITH THE CENTER OF DRAINAGE INLETS AT THE TOP OF THE CURB. LETTERINGS MUST BE BETWEEN 0.4 - 0.5 INCHES AND THE TOTAL DIAMETER OF THE MARKER BETWEEN 3.75 - 4.25 INCHES.

UTILITY EASEMENT NOTE:
FURTHER INFORMATION REGARDING UTILITY EASEMENTS CAN BE FOUND ON THE SURVEY.

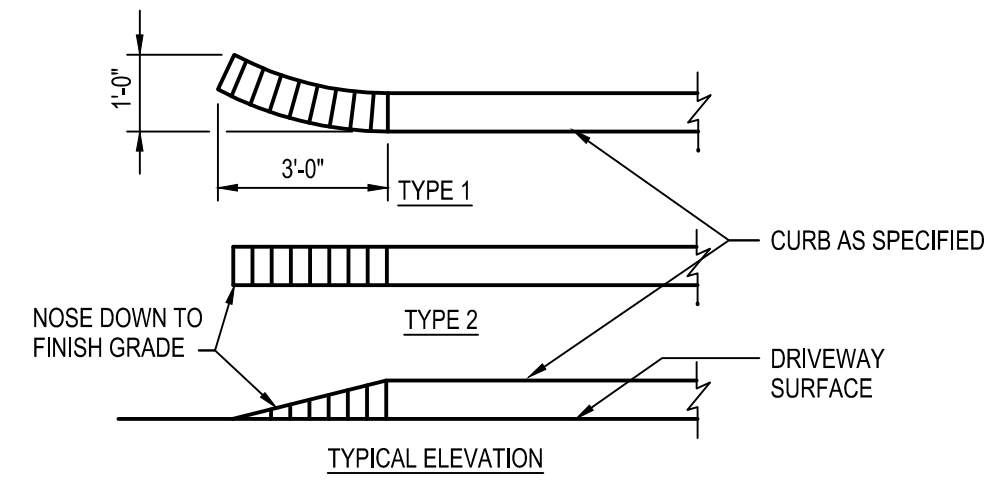


SITE IRRIGATION NOTE:
TOTAL LANDSCAPE AREA TO BE IRRIGATED IS 13,732 S.F.

ELECTRICAL NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUIT AND INSTALLATION OF TRANSFORMER PAD.

- ORANGE COUNTY UTILITIES NOTES:
1. ALL UTILITIES (INCLUDING PUMP STATION IF APPLICABLE) LOCATED OUTSIDE PUBLIC RIGHT-OF-WAYS AND PUBLIC EASEMENTS SHALL BE PRIVATELY OWNED AND MAINTAINED.
2. ALL EXISTING UTILITIES HAVE BEEN FIELD VERIFIED AT ALL POINTS OF CONNECTION TO, AND AT ALL AREAS OF CONFLICT WITH OCU MAINS.
3. MAINTAIN A MINIMUM OF 3 FEET OF COVER OVER ALL PROPOSED WATER, WASTEWATER, AND RECLAIMED WATER LINES. PLEASE REFER TO THE FOLLOWING SECTIONS FROM THE 2021 OCU MANUAL: SECTION 2210, PART 4, A - WATER MAINS; SECTION 2310, PART 5, B - GRAVITY MAINS; SECTION 2311, PART 4, A - FORCE MAINS; SECTION 2510, PART 6, A - RECLAIMED WATER MAINS.
4. ALL WATER METERS (POTABLE AND RECLAIMED) AND SERVICE CONNECTIONS 2 INCHES AND UNDER TO BE INSTALLED BY ORANGE COUNTY UTILITIES. BACKFLOW PREVENTORS SHALL BE INSTALLED BY THE CONTRACTOR. POTABLE AND RECLAIMED WATER METERS ONE AND A HALF INCH AND LARGER WILL BE INSTALLED ABOVE GROUND AND MUST BE LOCATED WITHIN AN EASEMENT ABUTTING THE RIGHT-OF-WAY. THE EASEMENT MUST BE A MINIMUM OF 10 FEET BY 15 FEET (AS SHOWN IN PLAN VIEW).

UTILITIES ASSET ATTRIBUTE DATA TABLE with columns: ID NUMBER, PLAN SHEET #, EASTING, NORTHING, ELEVATION, UTILITY TYPE, VOLUME (GAL.), COMMENTS. Lists assets 301 through 306.



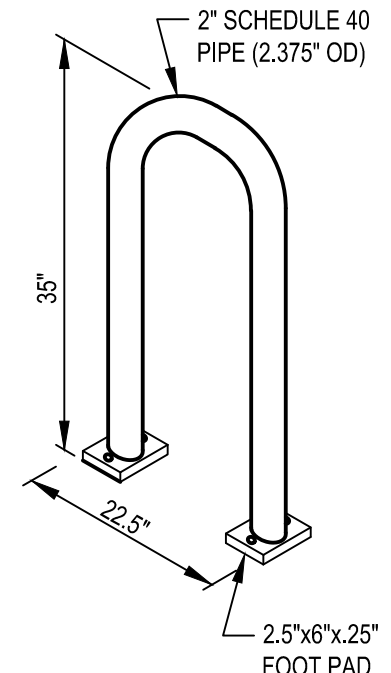
**D1** CURB TAPER  
N.T.S.

**PRODUCT:** DERO HOOP RACK HEAVY DUTY  
DERO BIKE RACKS (OR APPROVED EQUAL)  
WWW.DERO.COM  
1-800-298-4915

**CAPACITY:** 2 BIKES

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

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



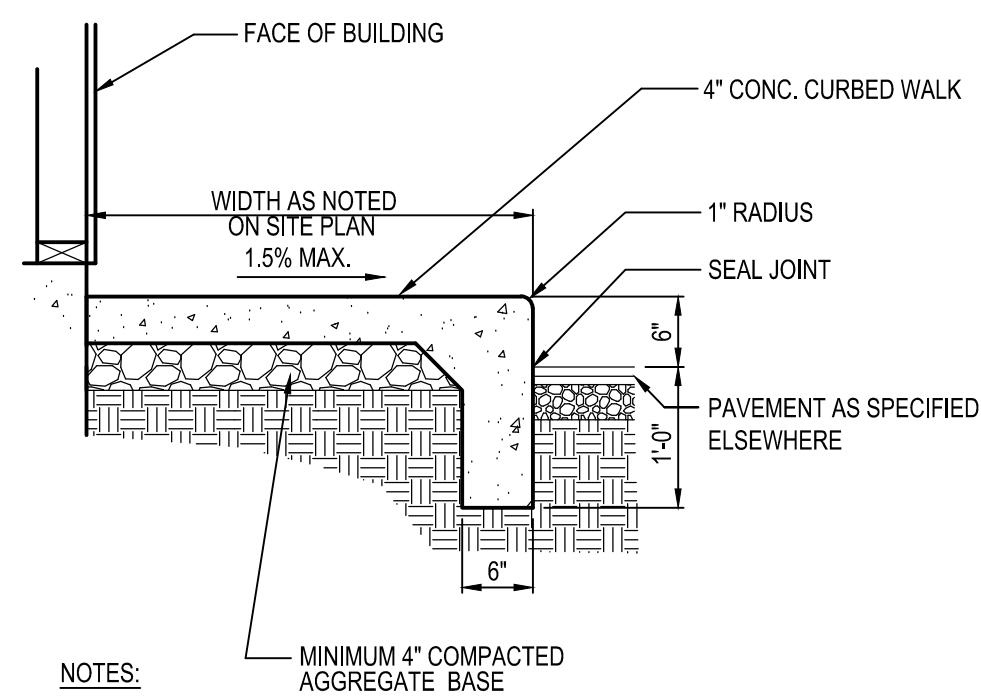
**D2** BIKE RACK DETAIL  
N.T.S.

**KEYED NOTES**

- 1 FACE OF BUILDING
- 2 CONCRETE CURB
- 3 1" RADIUS
- 4 PAVEMENT AS SPECIFIED
- 5 1/2" PRE MOLDED EXP. JNT. CUT BACK AND PROVIDE SEALANT, TYPICAL AT ALL JOINTS WITH FILLER.
- 6 SEAL JOINT
- 7 15LB BOND BREAK MATERIAL BELOW EXP. JNT. MATERIAL

\* SEE GRADING PLAN FOR ANY VARIATIONS TO EXPOSED CURB HEIGHT.

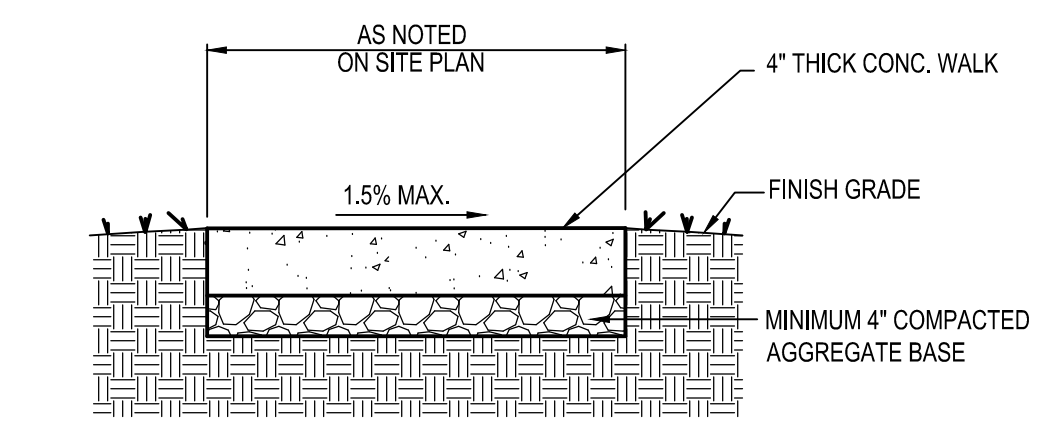
**C2** CURB AT DRIVE THRU  
N.T.S.



**NOTES:**

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.

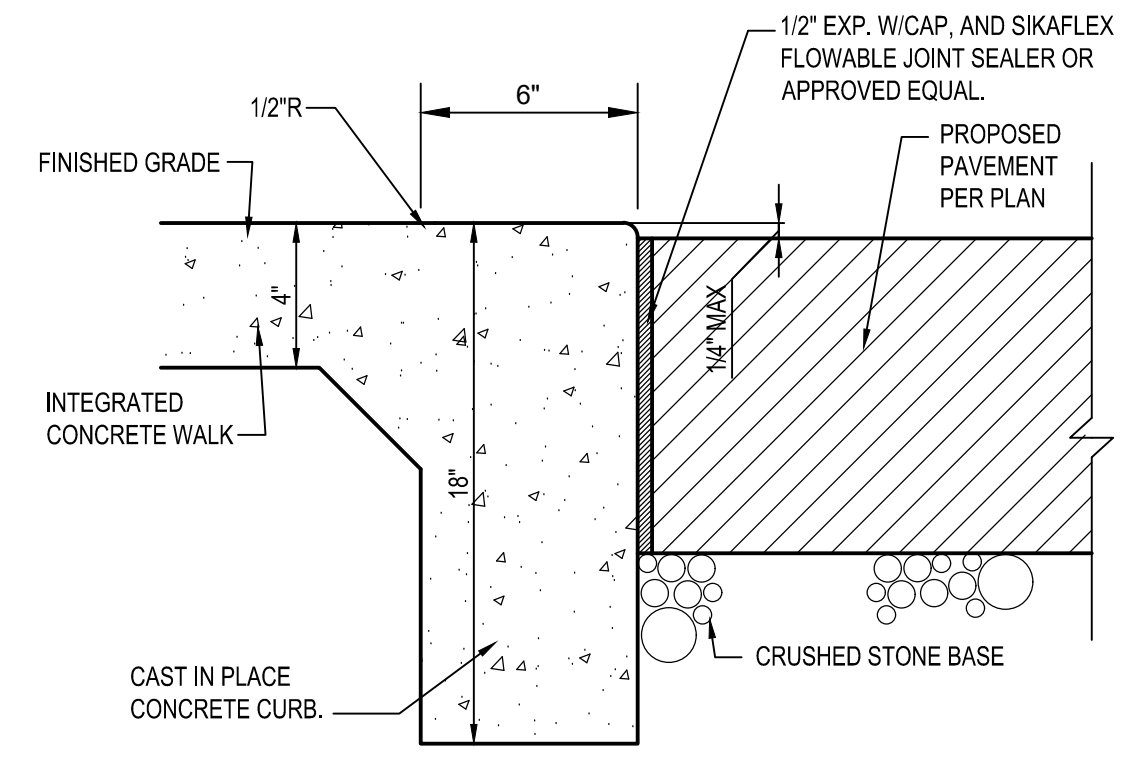
**D4** P.C.C. CURBED WALK  
N.T.S.



**NOTES:**

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.

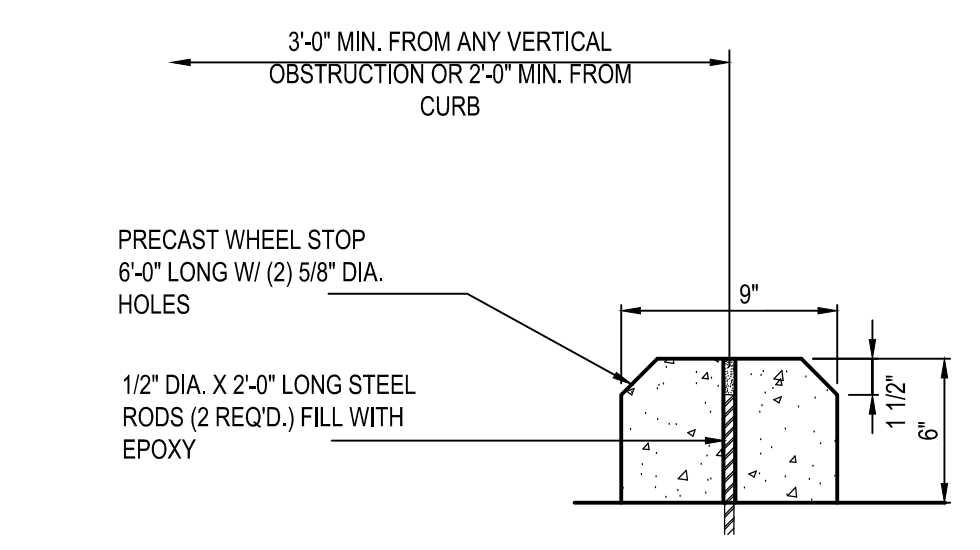
**C4** P.C.C. WALK  
N.T.S.



**NOTES:**

1. REFER TO SITE PLAN NOTES ON SHEET C-001 FOR CONCRETE SPECIFICATION.
2. SIDEWALK WIDTH AS SHOWN ON SHEET C-111.

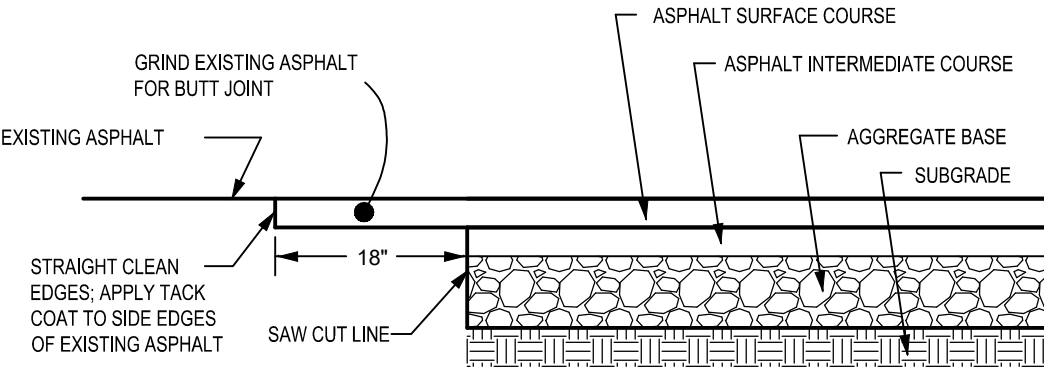
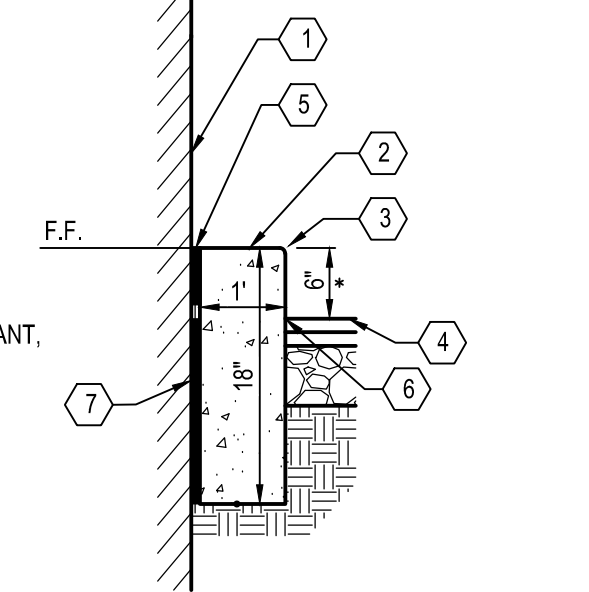
**D5** P.C.C. FLUSH CURB WALK  
N.T.S.



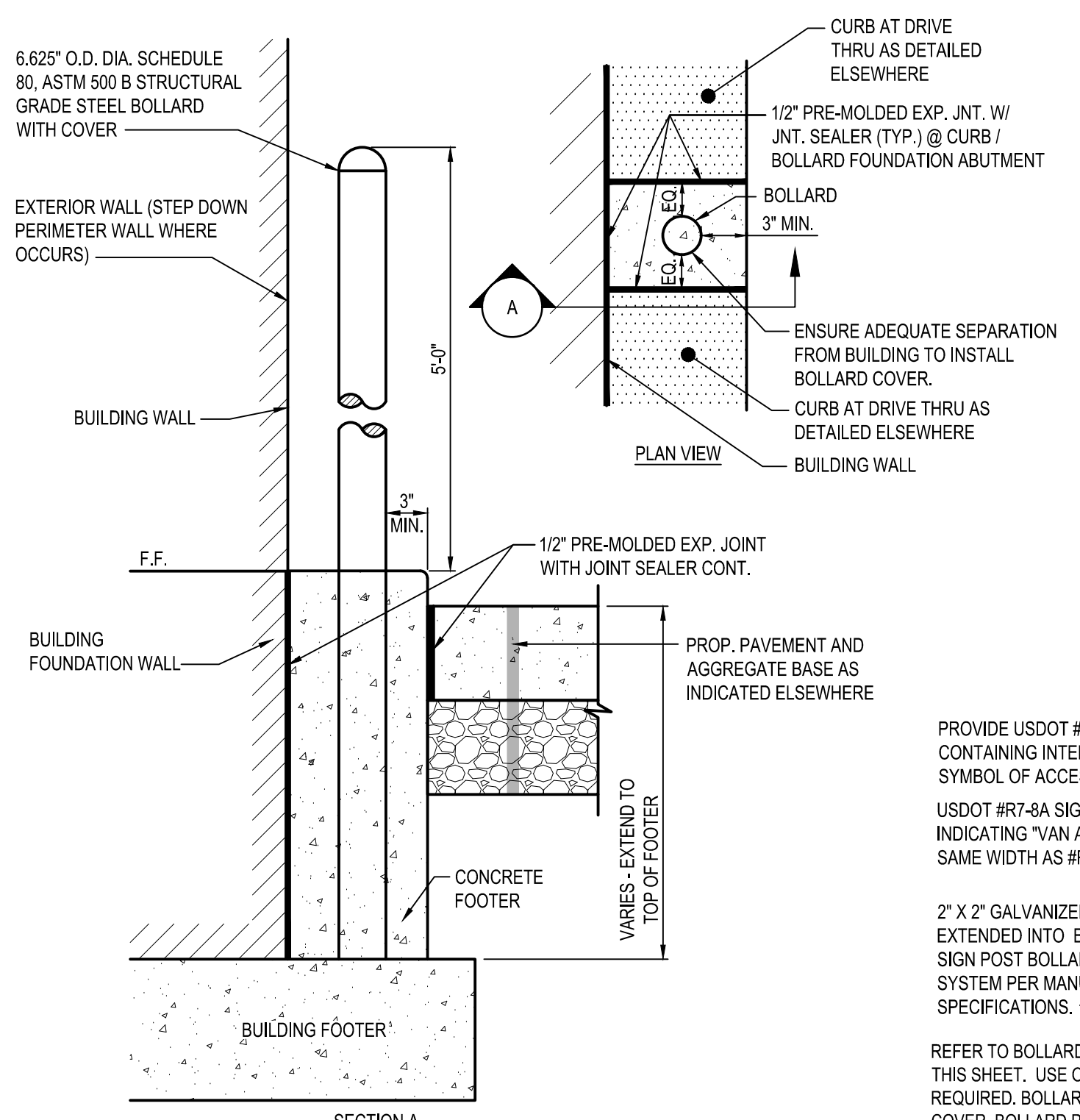
**NOTE:**

1. SEE SITE PLAN FOR LOCATION AND QUANTITY OF WHEELSTOPS.
2. WHEN APPLICABLE IN CONCRETE PAVEMENTS, WHEEL STOPS SHALL BE ANCHORED TO CONCRETE WITH HDI+ 1/4" DROP-IN ANCHORS, 1" EMBEDMENT W/ 1/4" THREADED ROD.

**C1** P.C.C. WHEELSTOP  
N.T.S.



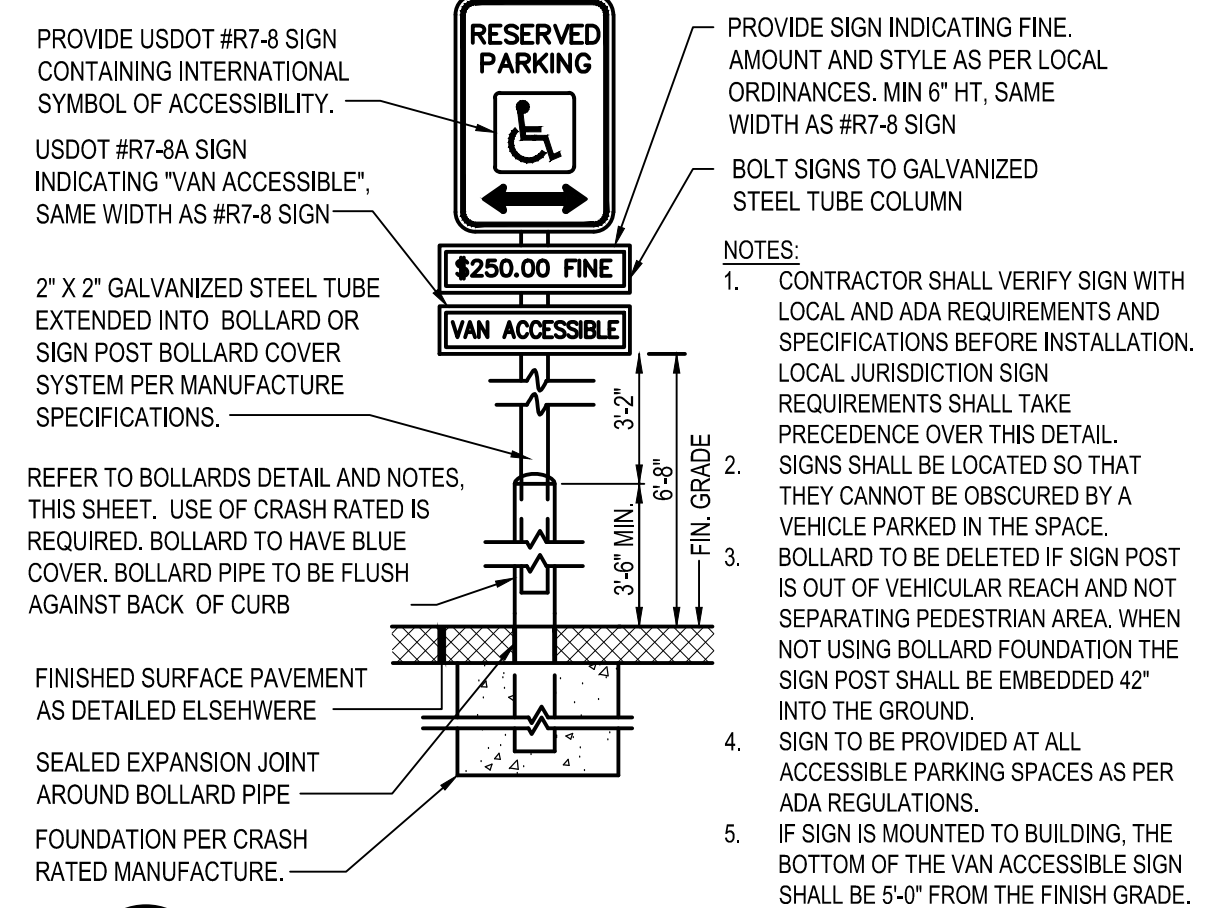
**C3** BUTT JOINT  
N.T.S.



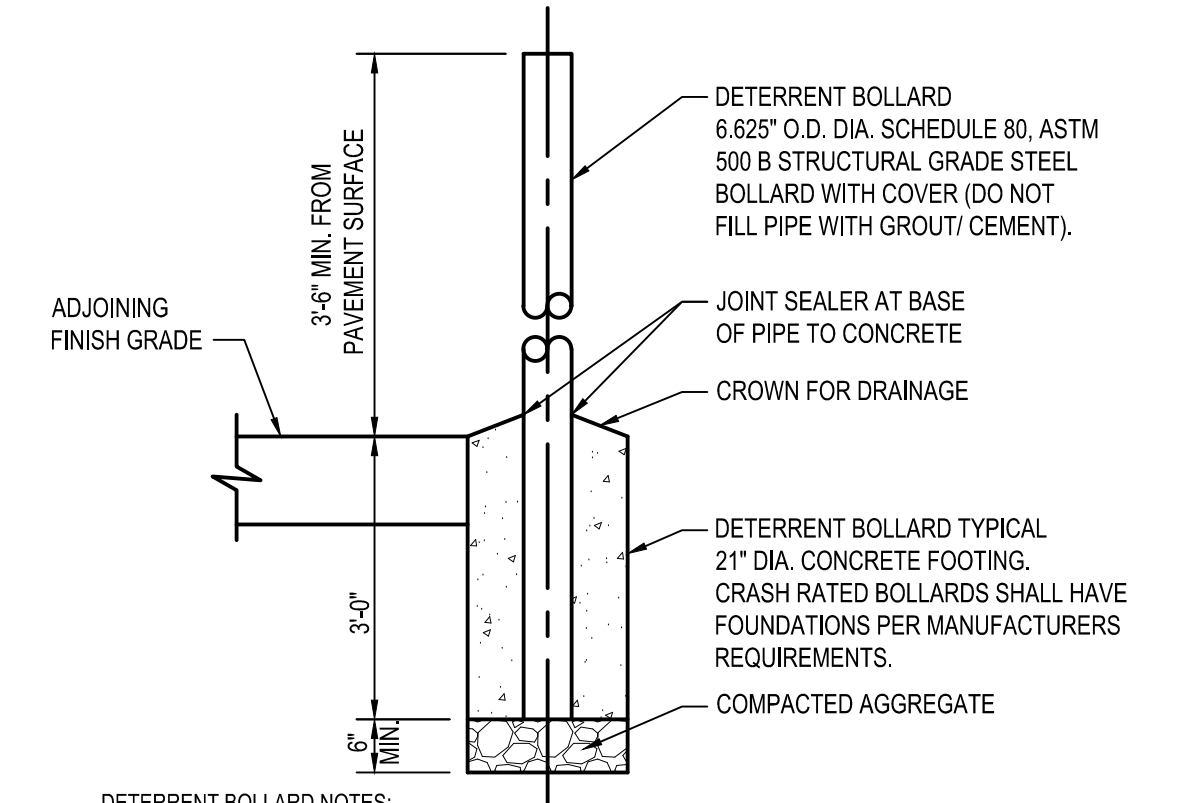
**NOTE:**

1. CONTRACTOR SHALL UTILIZE GALVANIZED COATED OR FULLY PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT PRIOR TO INSTALLATION AND TOUCH UP AFTER INSTALLATION SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CURE (B58W610). IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS. PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL.

**A1** DETERRENT BOLLARD IN CURB  
N.T.S.



**A2** HANDICAPPED PARKING SIGN  
N.T.S.



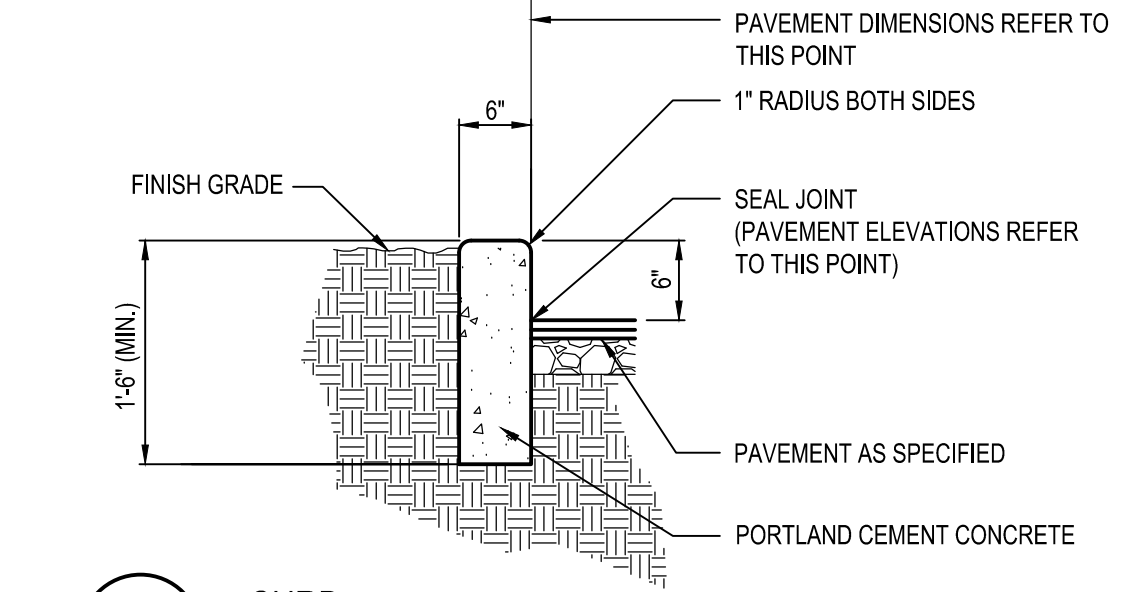
**DETERRENT BOLLARD NOTES:**

1. CONTRACTOR SHALL UTILIZE GALVANIZED COATED OR FULLY PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT PRIOR TO INSTALLATION AND TOUCH UP AFTER INSTALLATION SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CURE (B58W610). IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS. PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL.

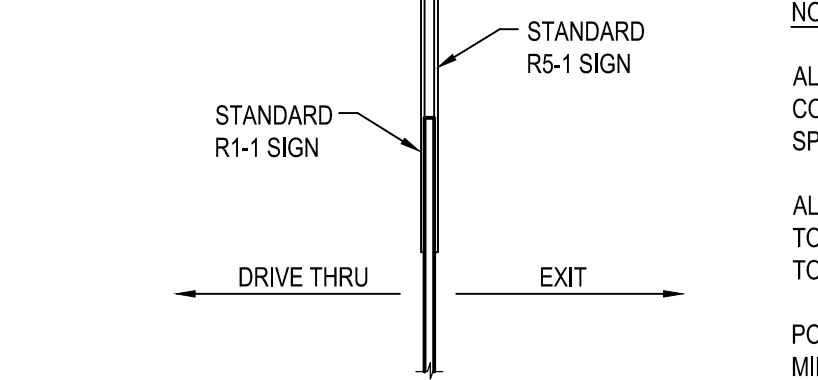
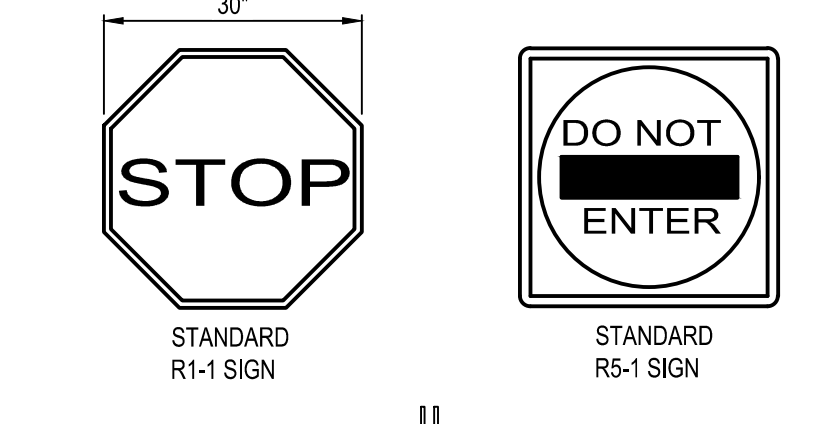
**CRASH-RATED BOLLARD NOTES:**

2. WHERE BOLLARDS ARE SEPARATING PEDESTRIANS / STOREFRONTS AND VEHICLES THE CONTRACTOR SHALL INSTALL A CRASH RATED BOLLARD AND FOOTING PER ASTM F3016/3016M. TYPICAL CLEAR SPACING OF 60" WITH AN ANTICIPATED S20 RATING FOR BIDDING PURPOSES - FINAL SPACING AND RATING SHALL BE IN ACCORDANCE WITH ASTM AND THE MANUFACTURERS REQUIREMENTS FOR PROPOSED LOCATIONS AND POSSIBLE VEHICLE APPROACH SPEED. THE NOTED ASTM CRASH RATED PRODUCT SUCH AS, BUT NOT LIMITED TO, CRASHCORE BOLLARD BY MCCUE.COM OR APPROVED CRASH RATED EQUIVALENT SHALL BE UTILIZED IN ACCORDANCE WITH MANUFACTURE SPECIFICATIONS. INSTALLER / CONTRACTOR SHALL BE OR BECOME CERTIFIED INSTALLERS. CONTACT MANUFACTURER(S) FOR DETAILS.

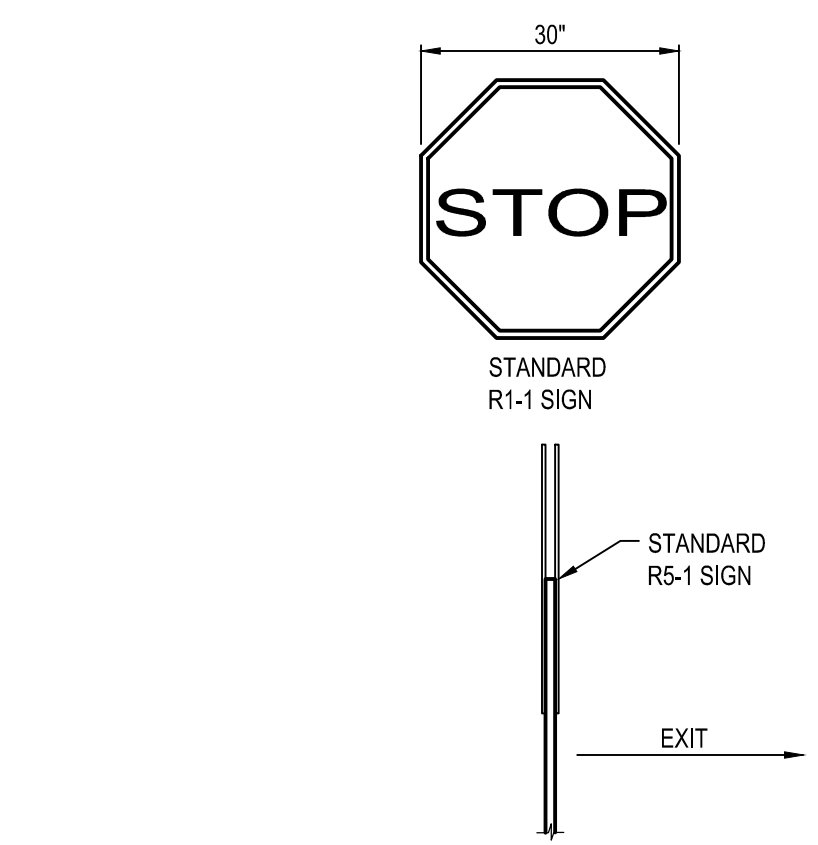
**A3** BOLLARDS  
N.T.S.



**C5** CURB  
N.T.S.



**B5** DO NOT ENTER & STOP SIGN  
N.T.S.



**A5** STOP SIGN  
N.T.S.

DATE	REMARKS
05/05/22	ISSUED FOR BID
03 05/18/22	DEV. COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



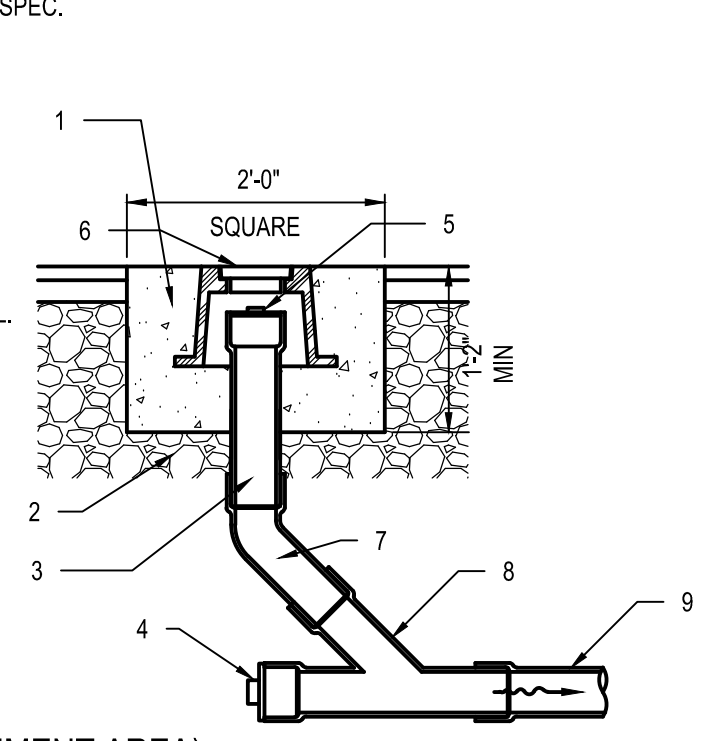
ENDEAVOR 2.0

DETAILS

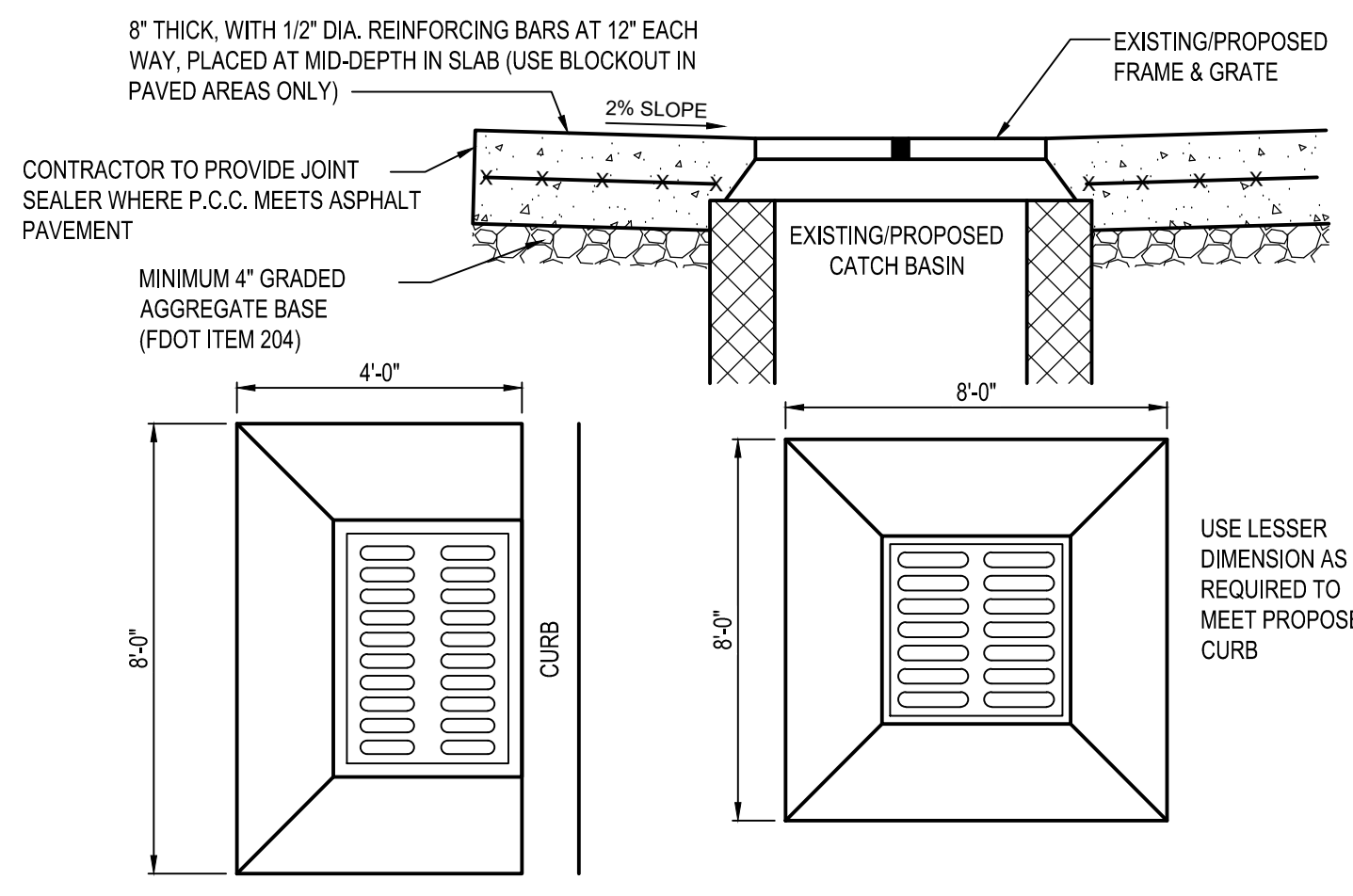
**C-501**

**KEYED NOTES**

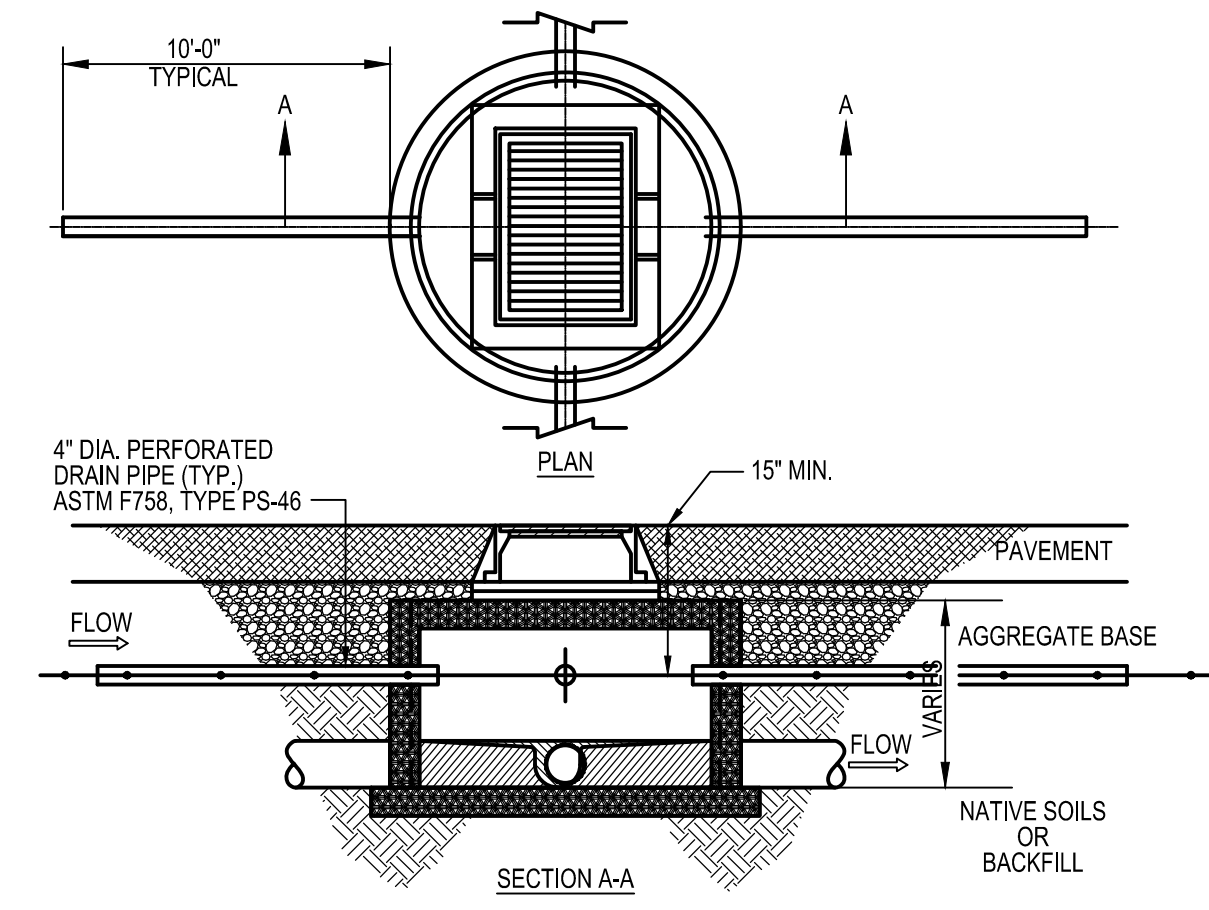
- 1 CONCRETE, MATCH PAVEMENT SPEC.
- 2 6" (MIN.) AGGREGATE BASE
- 3 6" DIA. CLEAN-OUT PIPE
- 4 CAP AND SEAL CONDUIT
- 5 THREADED CLEAN-OUT CAP
- 6 CAST-IRON MONUMENT BOX, E.I.W 1565 OR APPROVED EQUAL.
- 7 45° BEND
- 8 WYE
- 9 SEWER



**D2 CLEAN OUT (PAVEMENT AREA)**  
N.T.S.



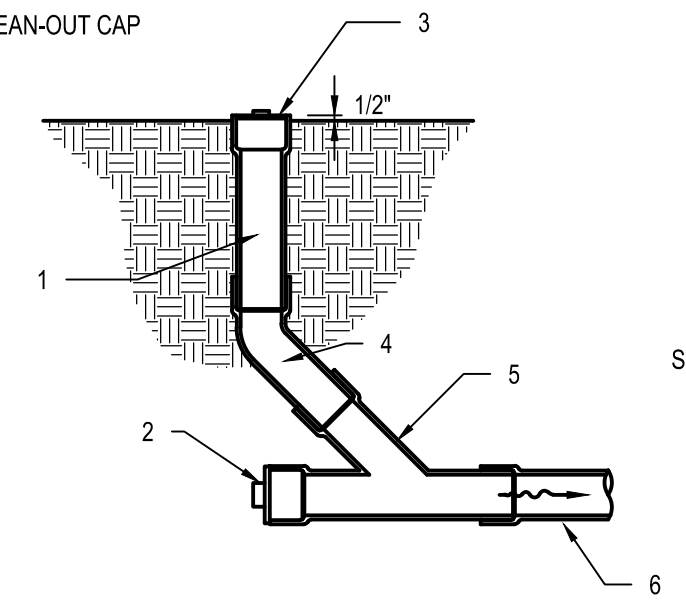
**D3 CONCRETE COLLAR**  
N.T.S.



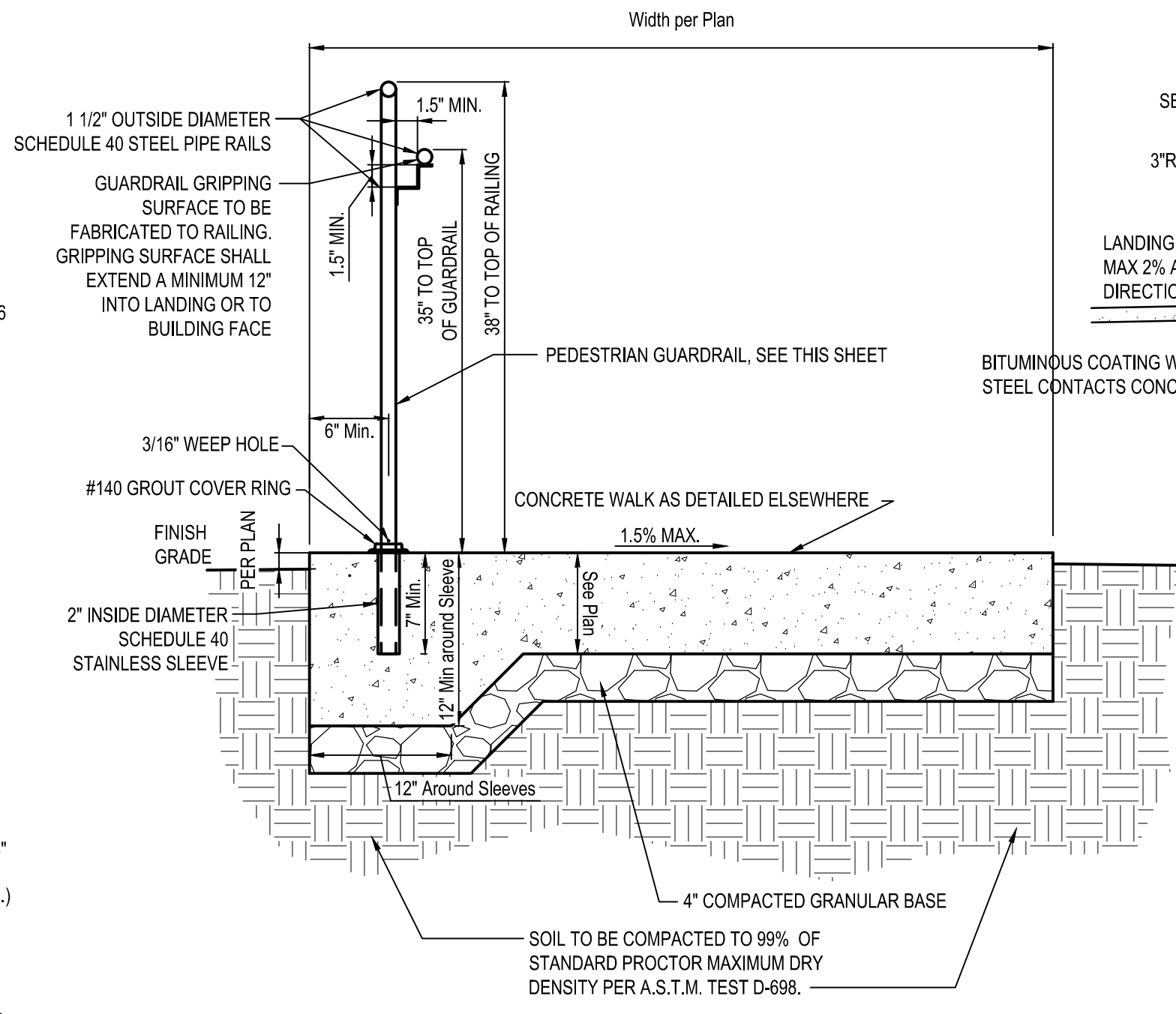
**D5 FINGER DRAIN DETAIL**  
N.T.S.

**KEYED NOTES**

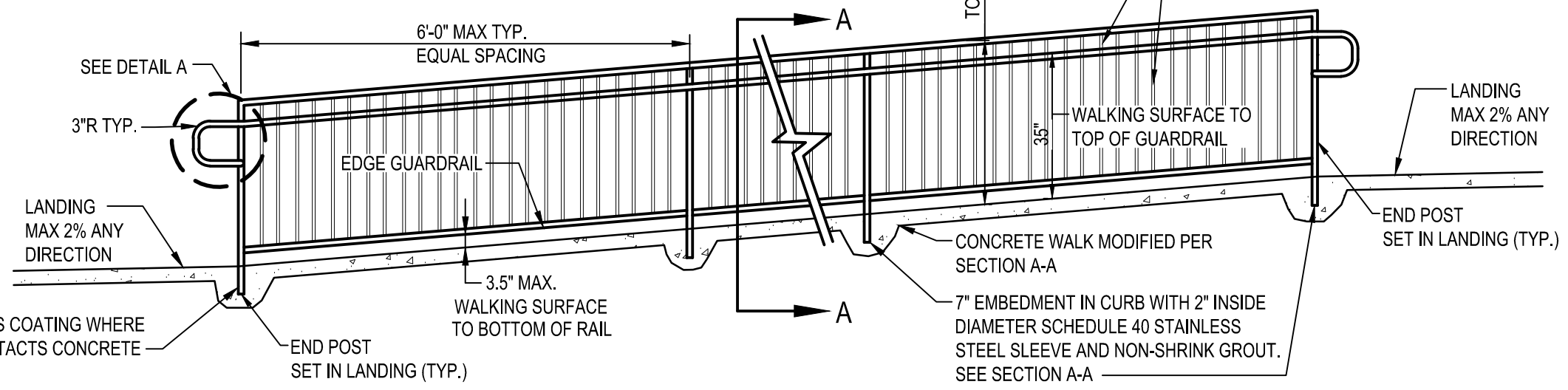
- 1 6" DIA. CLEAN-OUT PIPE
- 2 CAP AND SEAL CONDUIT
- 3 THREADED CLEAN-OUT CAP
- 4 45° BEND
- 5 WYE
- 6 SEWER



**C2 CLEAN OUT (LAWN AREA)**  
N.T.S.



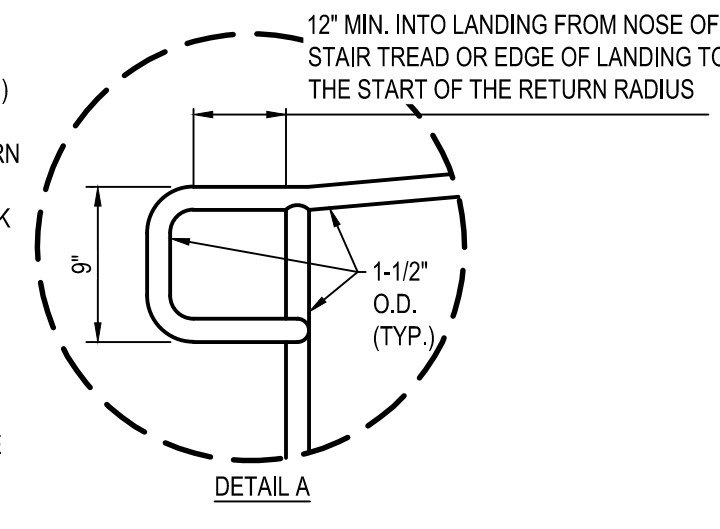
**B3 HANDRAIL**  
N.T.S.



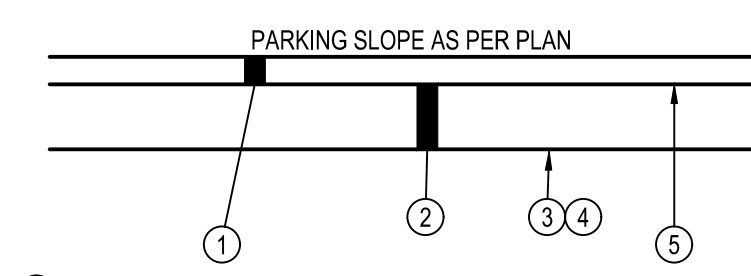
**RAILING ELEVATION**

**RAILING NOTES:**

1. PROVIDE 1 1/2" OUTSIDE DIAMETER SCHEDULE 40 STEEL PIPE RAIL FRAMES, WELD ALL JOINTS AND GRIND SMOOTH. PRIME & PAINT PER OWNER SPECIFICATIONS.
2. PROVIDE METAL FREE FROM PITTING, SEAM MARKS, ROLLER MARKS, GRINDING MARKS AND STAINS AT AREAS EXPOSED TO VIEW ON COMPLETED RAIL UNITS.
3. PROVIDE "SKATE STOPPERS" OR APPROVED EQUAL ANTI-SKATE BLOCKS, INSTALLED ONLY ALONG THE BOTTOM EDGE GUARDRAIL AT 6" ON CENTER PER MANUFACTURER'S RECOMMENDATIONS, NOT TO BE USED ON THE GRIPPING SURFACE OF THE GUARDRAIL.
4. RAILINGS SHALL RESIST A CONCENTRATED LOAD OF 200# IN ANY DIRECTION & A 50# LF LOAD IN ANY DIRECTION. (NOT CONCURRENTLY)
5. SET SUPPORT POSTS 7" DEEP (MIN.) IN 12" CONCRETE WALK, SEE SECTION A-A.
6. ALL UNPAINTED METAL SHALL RECEIVE 2 COATS OF ALKYD SEMI-GLOSS PAINT (OWNER SPECIFIED) OVER SHOP-APPLIED PRIMER.
7. ALL SUPPORT POSTS SHALL SINGLE POSTS WITH RAILING SUPPORTS EXCEPT AT VERTICAL RETURN ENDS WHERE POSTS SHALL BE PROVIDED FOR EACH RAIL.
8. 7" EMBEDMENT (MIN.) WITH 2" INSIDE DIAMETER SCHEDULE 40 STAINLESS SLEEVE AND NON-SHRINK GROUT TO BE USED AT ALL VERTICAL RAILING SUPPORTS.
9. GUARDRAIL GRIPPING SURFACE TO BE FABRICATED TO 1 1/2" VERTICAL RAILING POSTS.
10. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR GUARDRAILS PRIOR TO PURCHASE AND INSTALLATION.
11. STEEL MATERIAL
  - a. TUBING: ASTM A 500 OR ASTM A 513.
  - b. PIPE: ASTM A53A, TYPE F OR TYPE S, GRADE A, STANDARD WEIGHT (SCHEDULE 40). PROVIDE CLEAR POWDER COAT FINISH WITH 2604 POWDER. CLEAR ANODIZED COATING SHALL BE M10C22A41 WITH A NOMINAL THICKNESS OF .7 MIL.
  - c. PLATES, SHAPES AND BAR: ASTM A 36/A 36M.
  - d. FITTINGS: ASTM A 276/A 479 TYPE 304 OR TYPE 316.



**DETAIL A**

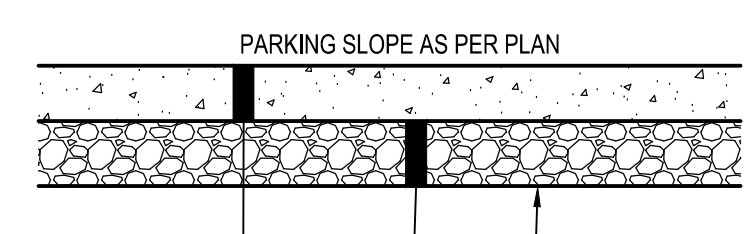


- 1 ASPHALTIC CONCRETE - FDOT 334 - STD DUTY - 1.5" FDOT 334 - HVY DUTY - 2.0"
- 2 GRADED AGGREGATE BASE - FDOT 204 - STD DUTY - 6.0" HVY DUTY - 8.0"
- 3 SUBGRADE COMPACTION - PER SOILS REPORT - 12" (MIN.)
- 4 PROOF ROLLING
- 5 TACK COAT

**NOTES:**

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
2. NO RAP SHALL BE PERMITTED IN ASPHALT SURFACE COURSE.

**B1 TYPICAL PAVEMENT SECTION**  
N.T.S.

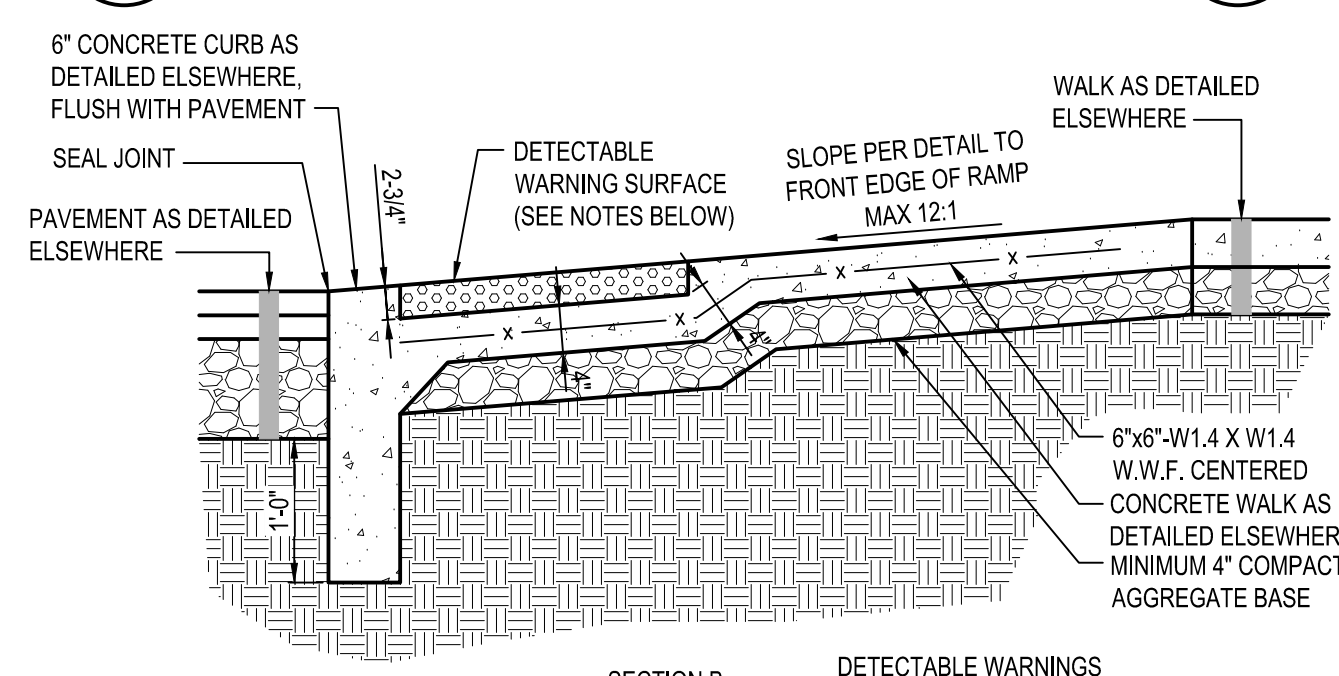


- 1 P.C. CONCRETE PAVEMENT - LIGHT DUTY - 6" HEAVY DUTY - 8"
- 2 GRADED AGGREGATE BASE - FDOT 204 - LIGHT DUTY - 6" HEAVY DUTY - 6"
- 3 SUBGRADE COMPACTION - PER SOILS REPORT - 12" (MIN.)
- 4 PROOF ROLLING

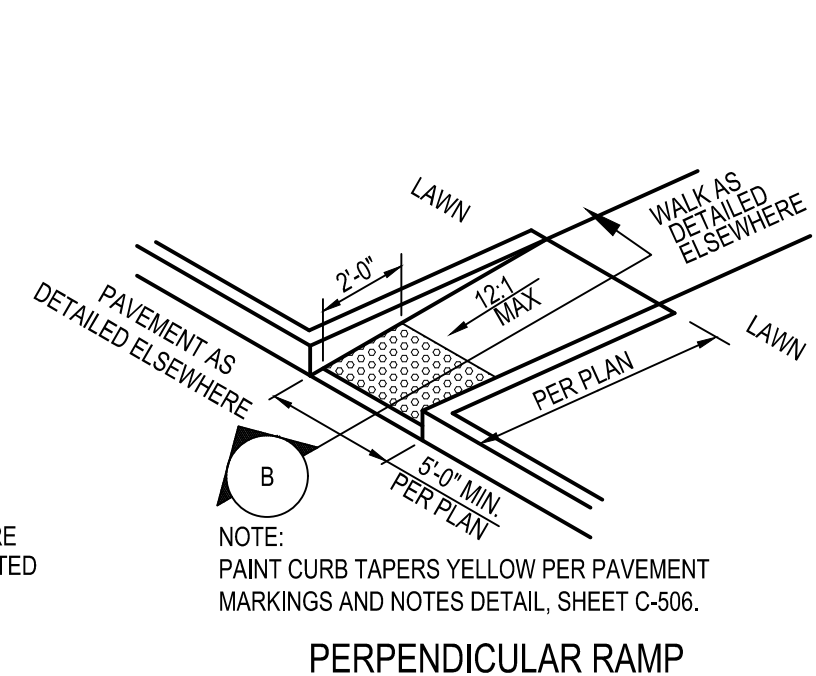
**NOTES:**

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT, APPLY CONCRETE SEALANT CONFORMING TO ASTM D6690 WHERE PROPOSED CONCRETE MEETS EXISTING CONCRETE.
2. SEE SITE PLAN FOR REINFORCEMENT.
3. CONCRETE PAVEMENT SHALL HAVE CONTROL JOINTS AT 12'-0" O.C.

**B2 TYPICAL CONCRETE PAVEMENT SECTION**  
N.T.S.



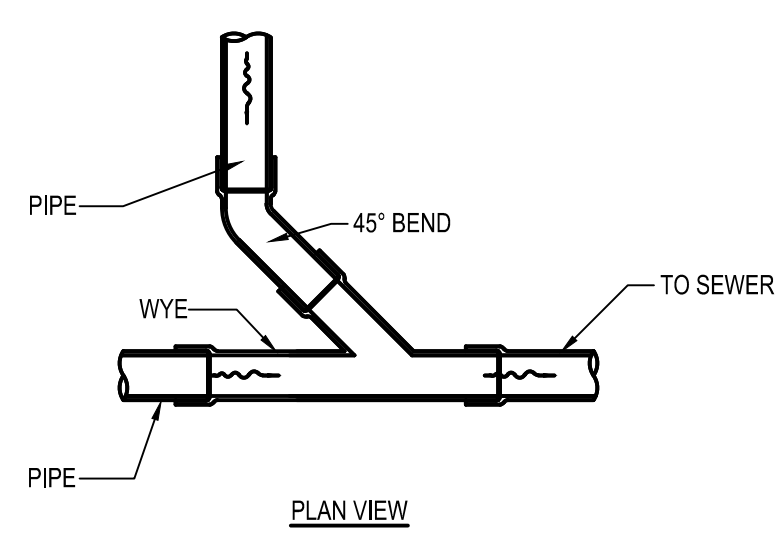
**A1 ADA ACCESSIBLE RAMP**  
N.T.S.



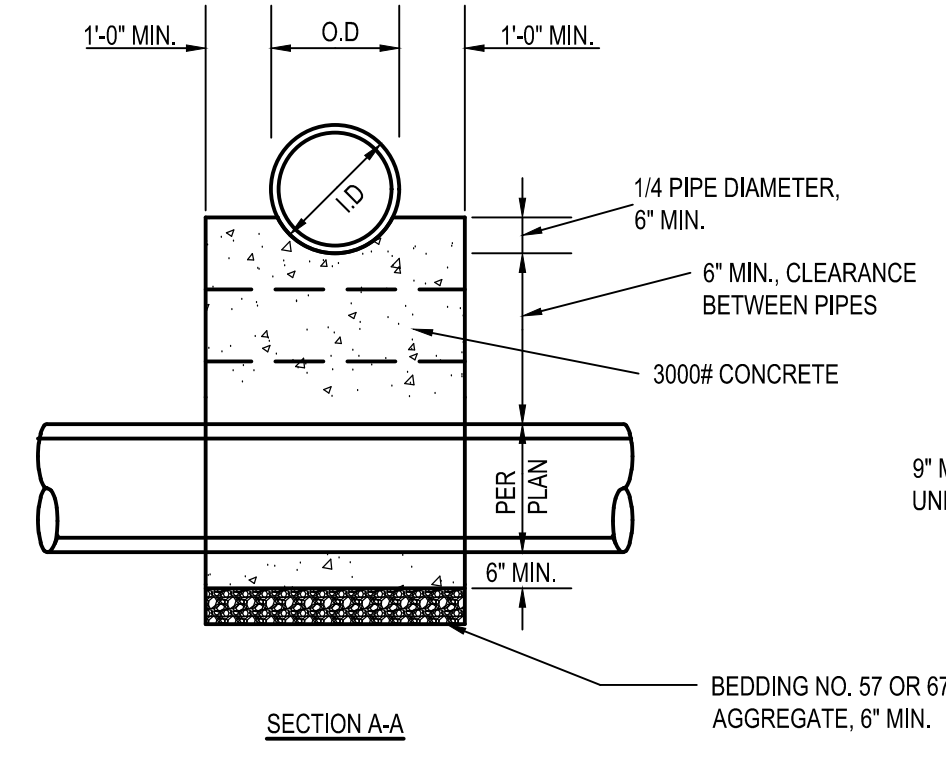
**B2 PERPENDICULAR RAMP**

**DETECTABLE WARNINGS**

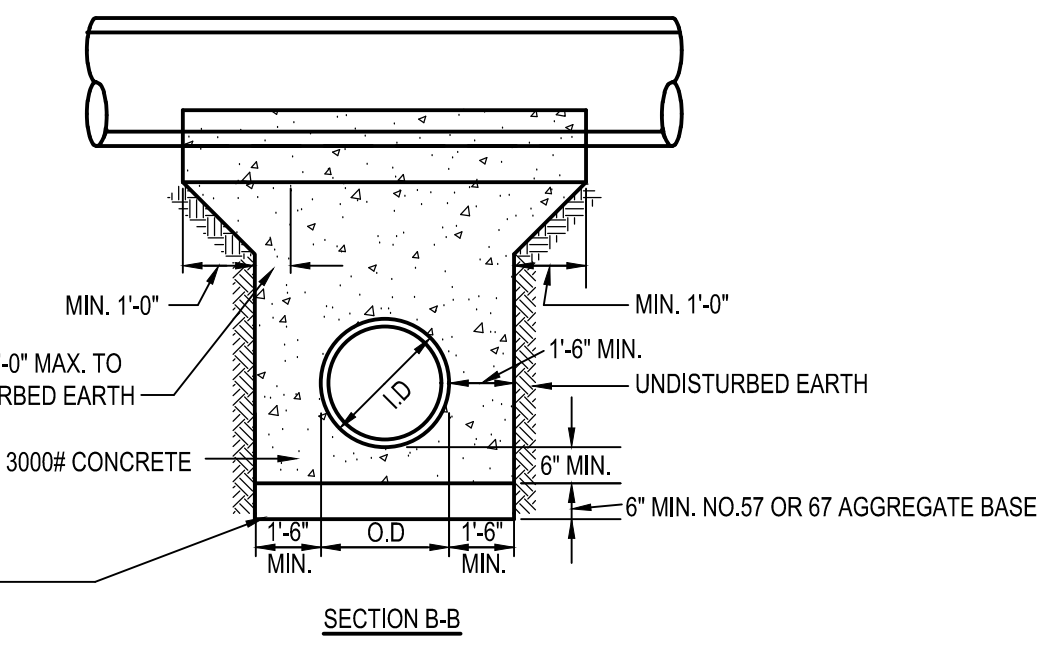
1. ARMOR-TILE TACTILE SYSTEMS DETECTABLE WARNING SURFACE TILE PER ARMOR-TILE SPECIFICATIONS FOR INSTALLATION (WWW.ARMOR-TILE.COM)
2. DETECTABLE WARNING COLOR SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.
3. DETECTABLE WARNING SHALL ONLY BE INSTALLED FOR CURB RAMPS WITHIN RIGHT OF WAY.



**A3 WYE CONNECTION**  
N.T.S.



**A4 CONCRETE ENCASEMENT MONOLITHIC CRADLING OF UPPER PIPE FOR CROSSINGS WITH LESS THAN 18" MINIMUM CLEARANCE**  
N.T.S.



**SECTION B-B**

DATE	REMARKS
05/05/22	ISSUED FOR BID
07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY: EA  
JOB NO.: 2021088.17

**TACO BELL**

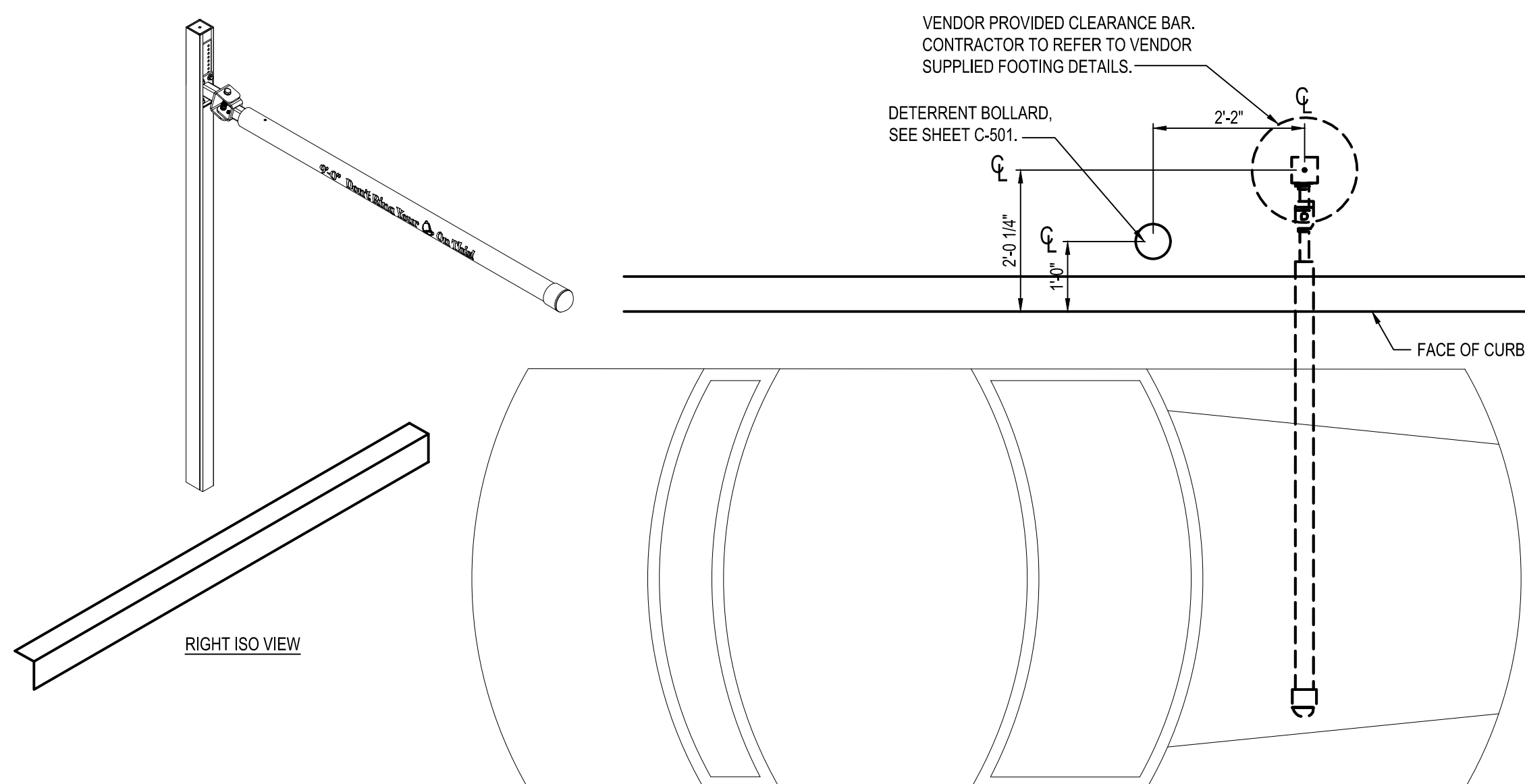
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



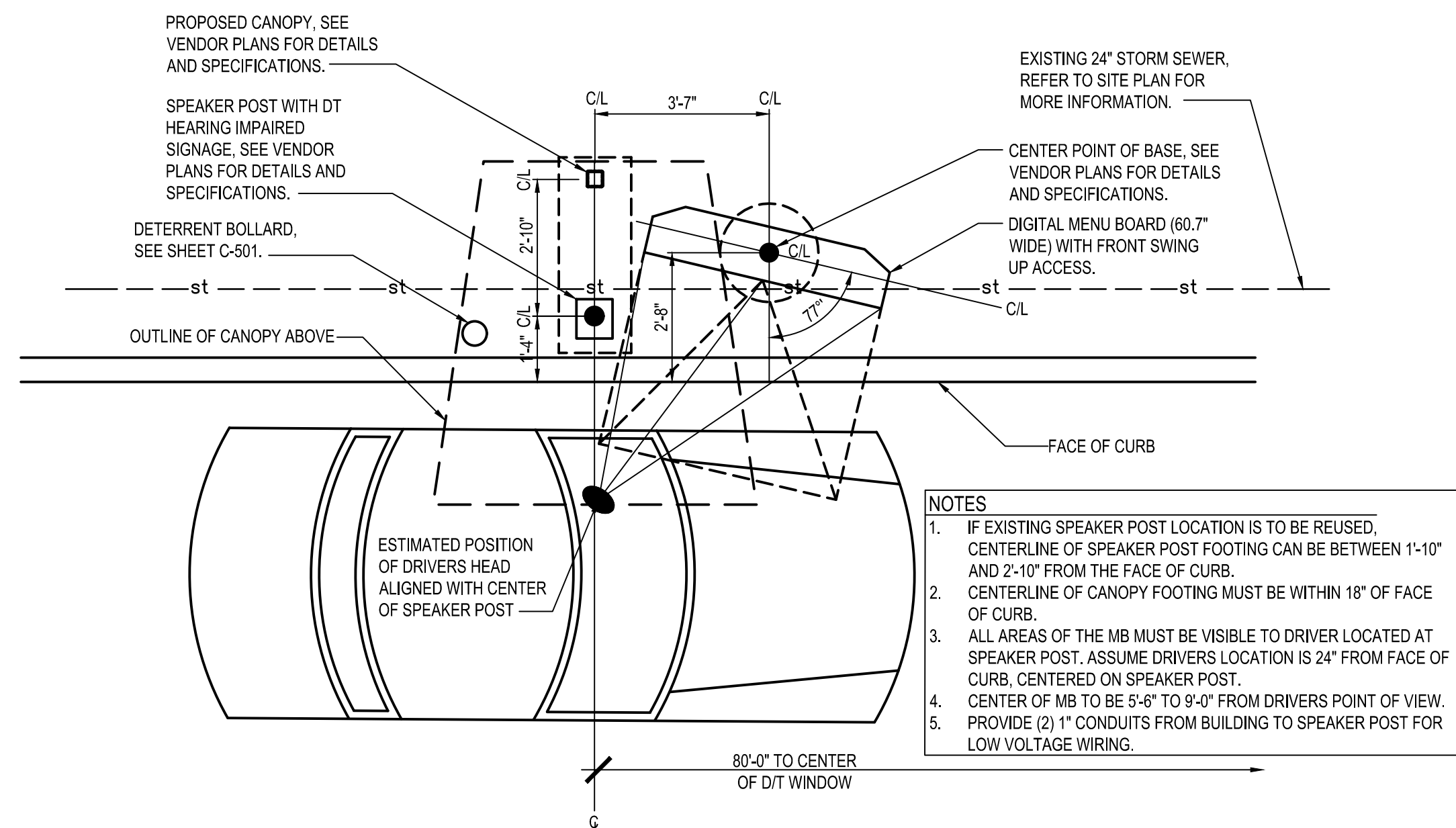
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DETAILS

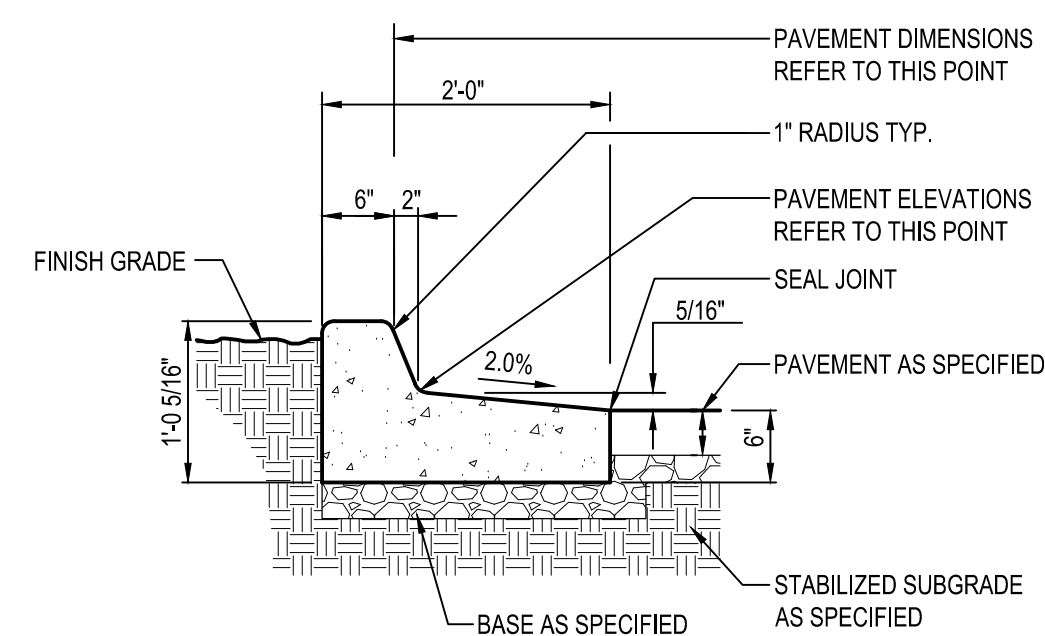
**C-502**



**B1** PORTAL PLACEMENT DETAIL  
N.T.S.



**A1** ENLARGED MENU BOARD  
DETAIL @ STRAIGHT CURB  
N.T.S.

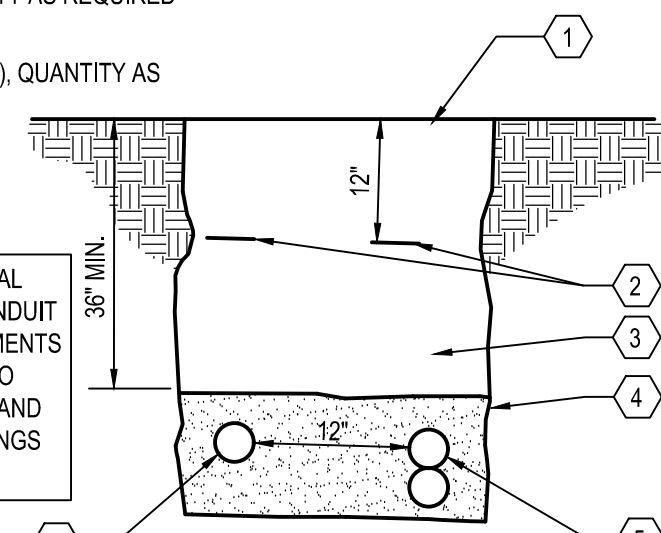


**C3** CONCRETE CURB AND GUTTER REVERSE PITCH  
N.T.S.

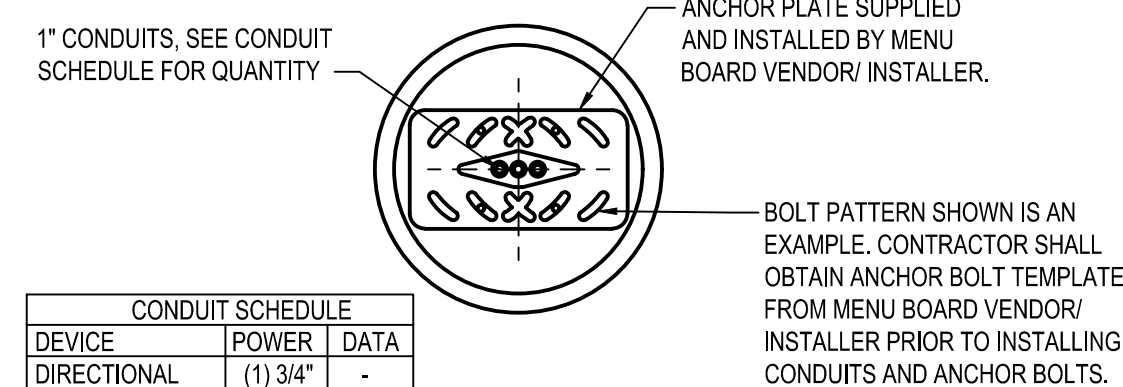
KEYED NOTES

- 1 TOPSOIL & SEED, OR PAVEMENT AS DETAILED ELSEWHERE.
- 2 CONTINUOUS METALLIC WARNING TAPE
- 3 CLEAN SELECT GRANULAR BACKFILL
- 4 6" CLEAN SAND ENVELOPE
- 5 4" PVC ELECTRICAL CONDUITS (SCHEDULE 40), QUANTITY AS REQUIRED
- 6 4" PVC TELEPHONE CONDUIT (SCHEDULE 40), QUANTITY AS REQUIRED

NOTE: DETAIL IS FOR GENERAL REFERENCE OF TYPICAL CONDUIT TRENCH MINIMUM REQUIREMENTS FOR INSTALLATION. REFER TO ELECTRICAL, TECHNOLOGY, AND SERVICE PROVIDERS DRAWINGS AND SPECIFICATIONS.



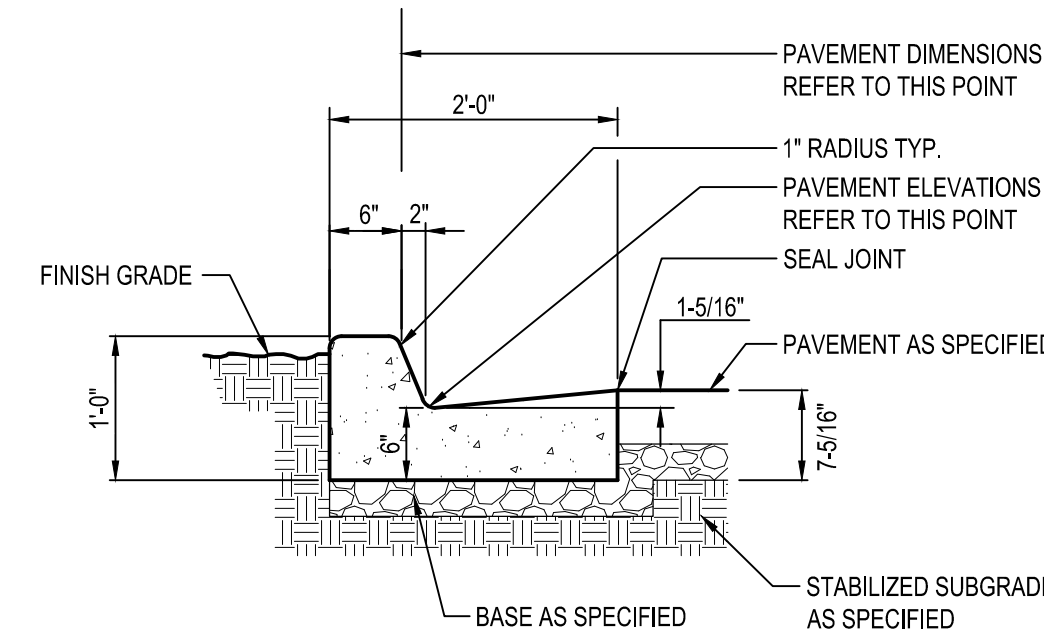
**B3** TYP. ELECTRICAL & COMMUNICATIONS SERVICE TRENCH  
N.T.S.



DEVICE	POWER	DATA
DIRECTIONAL SPEAKER POST	(1) 3/4"	(1) 1"
MENU BOARD	(1) 1"	(2) 1"
PREVIEW BOARD (OPTIONAL)	(1) 1"	(2) 1"

NOTE:  
ALL CONDUIT TO BE MIN. 12" BELOW GRADE OR LOCAL FROST DEPTH AND PROJECT 3" ABOVE FOUNDATION.

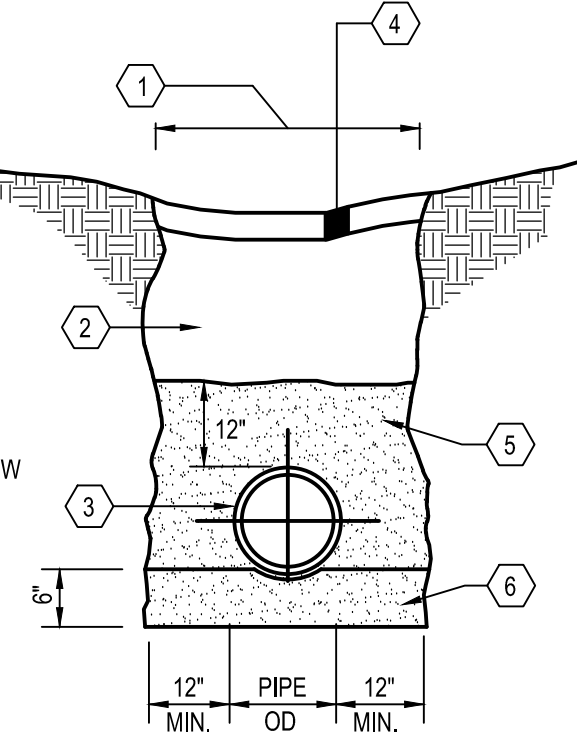
**A3** FOUNDATION CONDUIT DETAIL  
N.T.S.



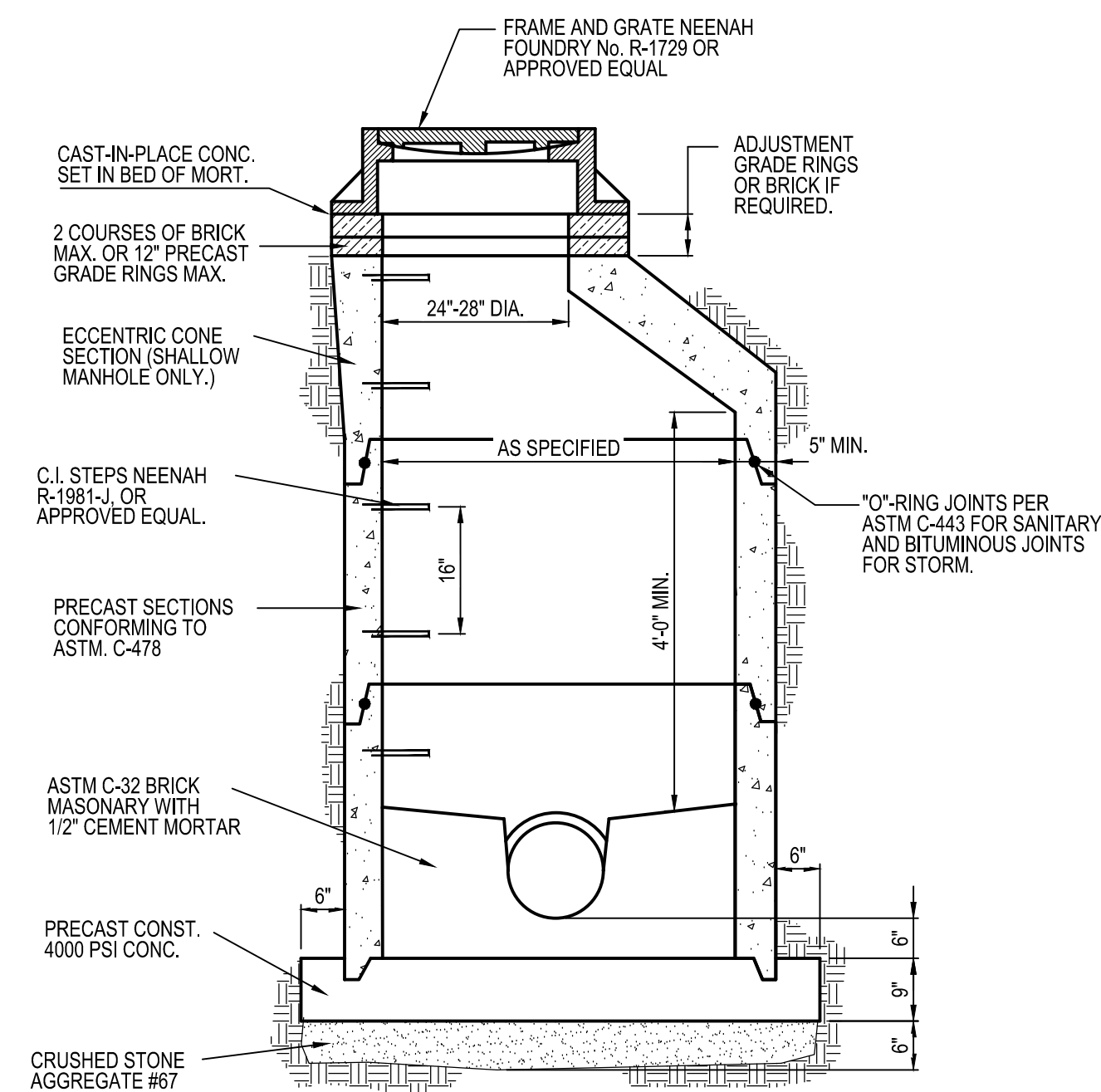
**C4** CONCRETE CURB AND GUTTER  
N.T.S.

KEYED NOTES

- 1 EXCAVATE WIDTH OF TRENCH AS NEEDED
- 2 PLACE SUITABLE SOIL OR GRANULAR BACKFILL IN 6" MAX. LIFTS. SUITABLE SOIL SHALL BE COMPACTED TO 90% MIN. (98% MIN. UNDER PAVEMENT) DRY DENSITY, PER ASTM D698. GRANULAR BACKFILL SHALL BE COMPACTED TO 75% (80% UNDER PAVEMENT) RELATIVE DENSITY, PER ASTM 4353. GRANULAR BACKFILL REQUIRED UNDER PAVEMENT.
- 3 PROPOSED STORM OR SANITARY SEWER
- 4 TOPSOIL, SEED, AND MULCHING OR PAVEMENT AS DETAILED ELSEWHERE.
- 5 GRADED AGGREGATE BASE (FDOT APPROVED) PLACED A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE
- 6 GRADED AGGREGATE BASE (FDOT APPROVED) PLACED A MINIMUM OF 6" BELOW THE BOTTOM OF THE PIPE



**B4** SEWER TRENCH  
N.T.S.



**A4** STORM SEWER MANHOLE  
N.T.S.

DATE	REMARKS
05/05/22	ISSUED FOR BID
05/18/22	DEV. COMMENTS
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

**TACO BELL**

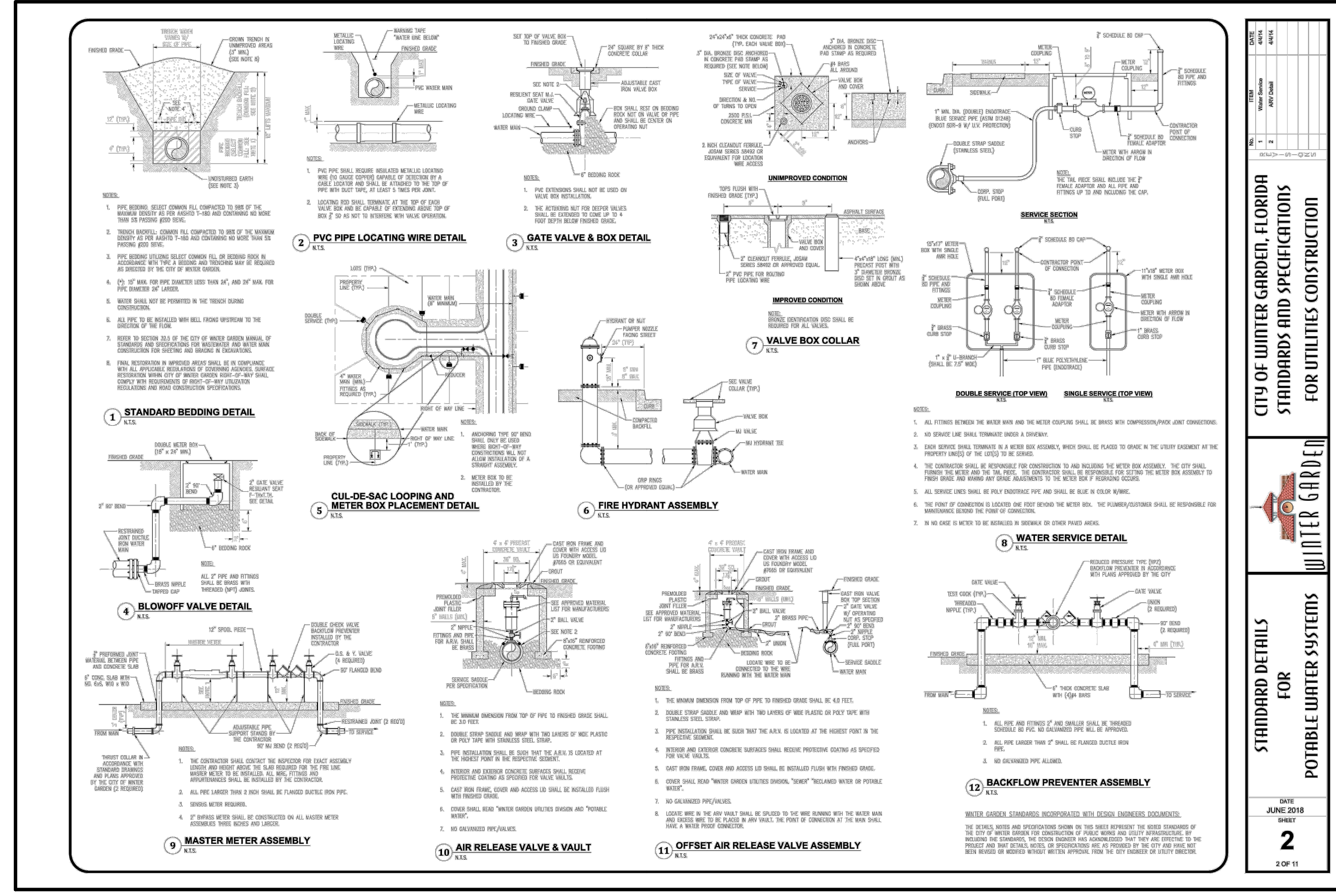
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0

DETAILS

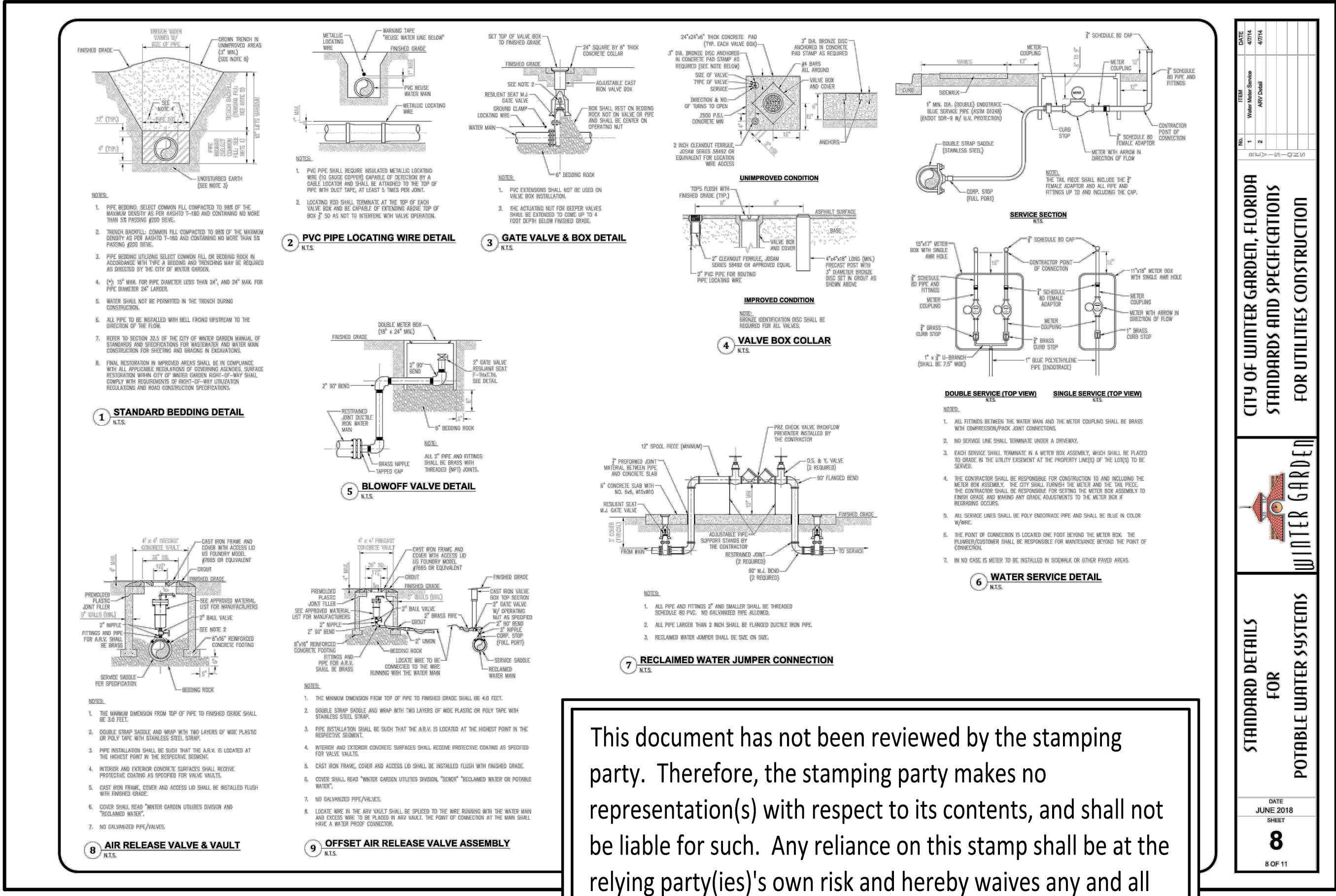
**C-503**



**CITY OF WINTER GARDEN, FLORIDA**  
**STANDARDS AND SPECIFICATIONS**  
**FOR UTILITIES CONSTRUCTION**

**STANDARD DETAILS FOR POTABLE WATER SYSTEMS**

DATE: JUNE 2018  
 SHEET: 2 OF 11

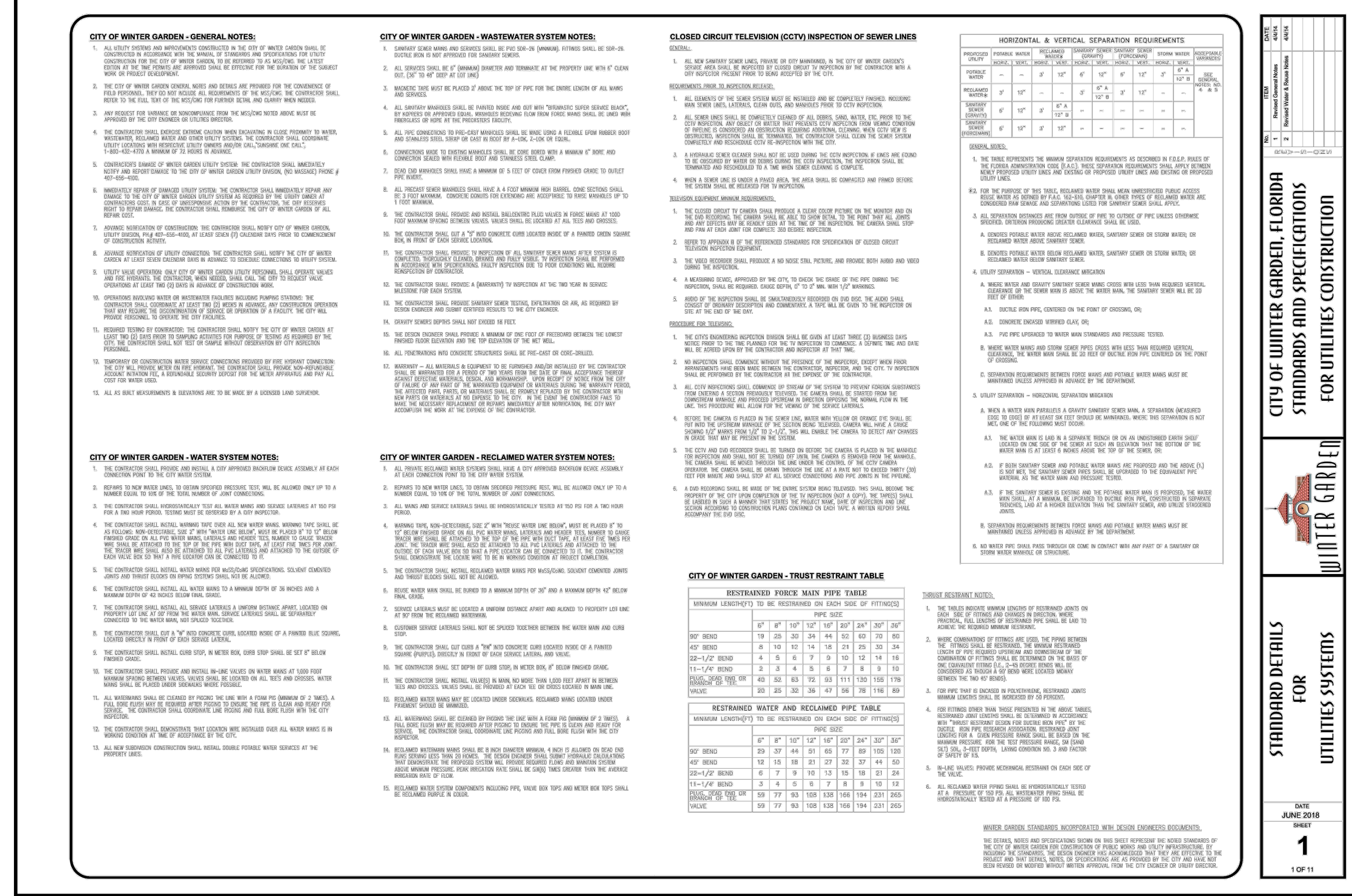


**CITY OF WINTER GARDEN, FLORIDA**  
**STANDARDS AND SPECIFICATIONS**  
**FOR UTILITIES CONSTRUCTION**

**STANDARD DETAILS FOR WASTEWATER SYSTEMS**

DATE: JUNE 2018  
 SHEET: 8 OF 11

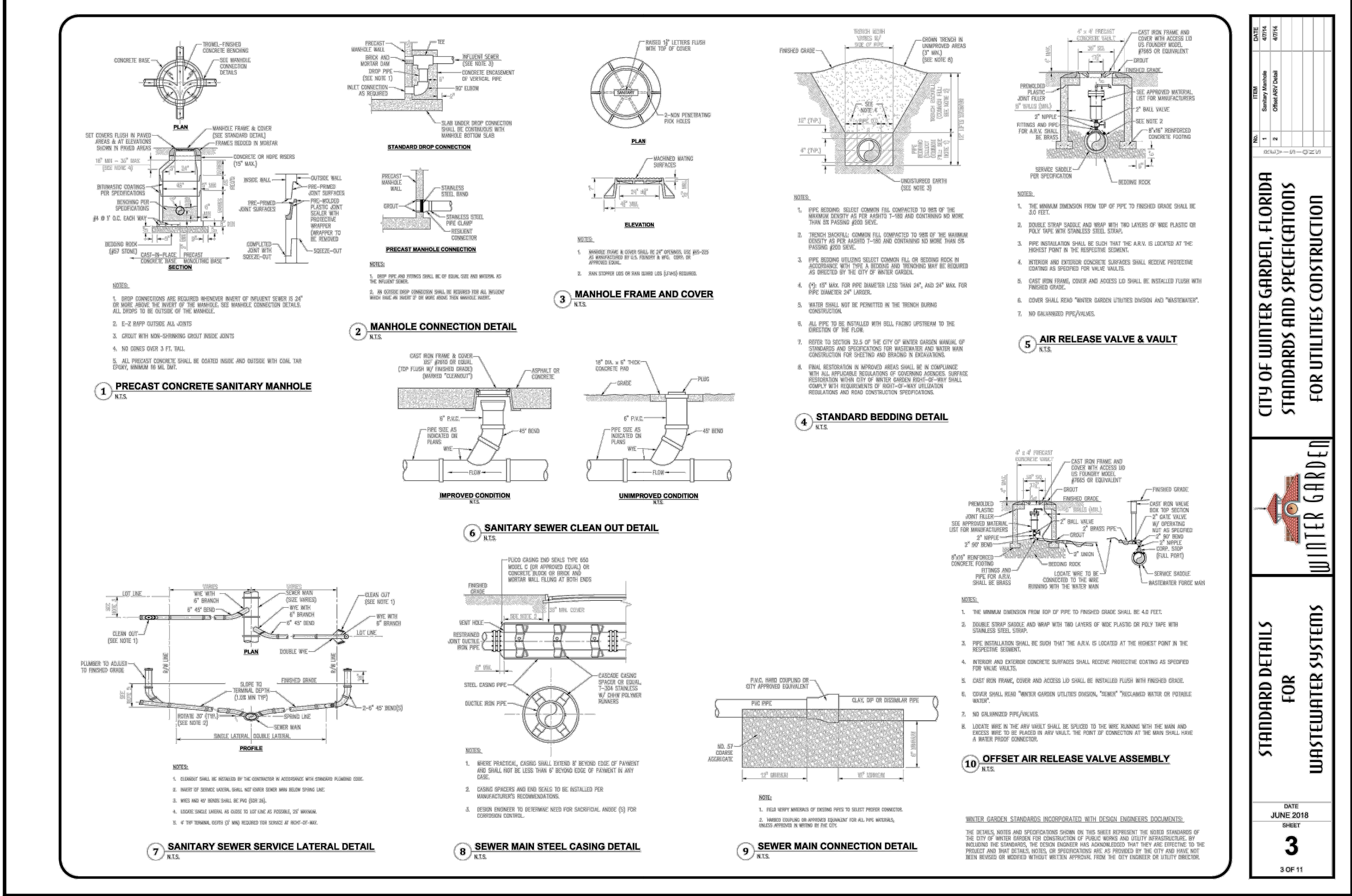
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**CITY OF WINTER GARDEN, FLORIDA**  
**STANDARDS AND SPECIFICATIONS**  
**FOR UTILITIES CONSTRUCTION**

**STANDARD DETAILS FOR POTABLE WATER SYSTEMS**

DATE: JUNE 2018  
 SHEET: 1 OF 11



**CITY OF WINTER GARDEN, FLORIDA**  
**STANDARDS AND SPECIFICATIONS**  
**FOR UTILITIES CONSTRUCTION**

**STANDARD DETAILS FOR WASTEWATER SYSTEMS**

DATE: JUNE 2018  
 SHEET: 3 OF 11

DATE	REMARKS
05/05/22	ISSUED FOR BID
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
 BUILDING TYPE: END.20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JN  
 DRAWN BY.: EA  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 HAMLIN GROVES TRAIL  
 WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
 MISC. WINTER  
 GARDEN DETAILS

**C-504**



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**CITY OF WINTER GARDEN, FLORIDA**  
STANDARDS AND SPECIFICATIONS  
FOR ROADWAY & DRAINAGE CONSTRUCTION

**STANDARD DETAILS FOR PUBLIC SERVICES**

DATE: JUNE 2018  
SHEET: 10 OF 11

**CITY OF WINTER GARDEN, FLORIDA**  
STANDARDS AND SPECIFICATIONS  
FOR ROADWAY & DRAINAGE CONSTRUCTION

**STANDARD DETAILS FOR PUBLIC SERVICES**

DATE: JUNE 2018  
SHEET: 9 OF 11

**CITY OF WINTER GARDEN, FLORIDA**  
STANDARDS AND SPECIFICATIONS  
FOR ROADWAY & DRAINAGE CONSTRUCTION

**STANDARD DETAILS FOR MISCELLANEOUS DETAILS**

DATE: JUNE 2018  
SHEET: 11 OF 11

DATE	REMARKS
05/05/22	ISSUED FOR BID
09/06/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY: EA  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
MISC. WINTER GARDEN DETAILS

**C-505**



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**TOP SLAB DETAILS**

**CURB INLET TOP TYPE 9**

INDEX	SHEET
425-024	3 of 3

DESCRIPTION: FY 2021-22 STANDARD PLANS

LAST REVISION 11/01/20

**PAVEMENT MARKINGS**

**FORWARD-IN PARKING**

**REVERSE-IN PARKING**

**UNIVERSAL SYMBOL OF ACCESSIBILITY**

FOR ACCESSIBLE MARKINGS - SEE ABOVE	
SIZE	SPACING
4.8	1/2" - 1"
4.8	1 1/2" - 2"
4.8	2 1/2" - 3"
4.8	3 1/2" - 4"
4.8	4 1/2" - 5"
4.8	5 1/2" - 6"
4.8	6 1/2" - 7"
4.8	7 1/2" - 8"
4.8	8 1/2" - 9"
4.8	9 1/2" - 10"
4.8	10 1/2" - 11"
4.8	11 1/2" - 12"
4.8	12 1/2" - 13"
4.8	13 1/2" - 14"
4.8	14 1/2" - 15"
4.8	15 1/2" - 16"
4.8	16 1/2" - 17"
4.8	17 1/2" - 18"
4.8	18 1/2" - 19"
4.8	19 1/2" - 20"
4.8	20 1/2" - 21"
4.8	21 1/2" - 22"
4.8	22 1/2" - 23"
4.8	23 1/2" - 24"
4.8	24 1/2" - 25"
4.8	25 1/2" - 26"
4.8	26 1/2" - 27"
4.8	27 1/2" - 28"
4.8	28 1/2" - 29"
4.8	29 1/2" - 30"
4.8	30 1/2" - 31"
4.8	31 1/2" - 32"
4.8	32 1/2" - 33"
4.8	33 1/2" - 34"
4.8	34 1/2" - 35"
4.8	35 1/2" - 36"
4.8	36 1/2" - 37"
4.8	37 1/2" - 38"
4.8	38 1/2" - 39"
4.8	39 1/2" - 40"
4.8	40 1/2" - 41"
4.8	41 1/2" - 42"
4.8	42 1/2" - 43"
4.8	43 1/2" - 44"
4.8	44 1/2" - 45"
4.8	45 1/2" - 46"
4.8	46 1/2" - 47"
4.8	47 1/2" - 48"
4.8	48 1/2" - 49"
4.8	49 1/2" - 50"
4.8	50 1/2" - 51"
4.8	51 1/2" - 52"
4.8	52 1/2" - 53"
4.8	53 1/2" - 54"
4.8	54 1/2" - 55"
4.8	55 1/2" - 56"
4.8	56 1/2" - 57"
4.8	57 1/2" - 58"
4.8	58 1/2" - 59"
4.8	59 1/2" - 60"
4.8	60 1/2" - 61"
4.8	61 1/2" - 62"
4.8	62 1/2" - 63"
4.8	63 1/2" - 64"
4.8	64 1/2" - 65"
4.8	65 1/2" - 66"
4.8	66 1/2" - 67"
4.8	67 1/2" - 68"
4.8	68 1/2" - 69"
4.8	69 1/2" - 70"
4.8	70 1/2" - 71"
4.8	71 1/2" - 72"
4.8	72 1/2" - 73"
4.8	73 1/2" - 74"
4.8	74 1/2" - 75"
4.8	75 1/2" - 76"
4.8	76 1/2" - 77"
4.8	77 1/2" - 78"
4.8	78 1/2" - 79"
4.8	79 1/2" - 80"
4.8	80 1/2" - 81"
4.8	81 1/2" - 82"
4.8	82 1/2" - 83"
4.8	83 1/2" - 84"
4.8	84 1/2" - 85"
4.8	85 1/2" - 86"
4.8	86 1/2" - 87"
4.8	87 1/2" - 88"
4.8	88 1/2" - 89"
4.8	89 1/2" - 90"
4.8	90 1/2" - 91"
4.8	91 1/2" - 92"
4.8	92 1/2" - 93"
4.8	93 1/2" - 94"
4.8	94 1/2" - 95"
4.8	95 1/2" - 96"
4.8	96 1/2" - 97"
4.8	97 1/2" - 98"
4.8	98 1/2" - 99"
4.8	99 1/2" - 100"

DESCRIPTION: FY 2019-20 STANDARD PLANS

INDEX 711-001 SHEET 12 of 13

**GENERAL NOTES:**

- Work this Index with Index 425-001 and Index 425-010.
- Orient grate with vanes directed toward predominant flow.
- Provide 1 1/2" minimum cover for steel in slab tops unless otherwise shown. Tops may be either cast-in-place or precast concrete.
- Place top slab openings such that 2 edges of inlet frame will be located directly above bottom wall or riser wall for Alternate B applications.
- When used on a structure with dimensions larger than those detailed on Sheet 3 and risers are not applied, construct the top slab using Index 425-010 with the slab opening adjusted to 24"x36". The "Special Top Slab" on Index 425-010 is not permitted.
- Frame may be adjusted with one to six courses of brick.
- Vaned grates with approximately equal openings that satisfy AASHTO HL-93 loading are permitted. Provide reversible (right or left) grates.

**CURB INLET TOP TYPE 9**

INDEX	SHEET
425-024	1 of 3

DESCRIPTION: FY 2021-22 STANDARD PLANS

LAST REVISION 11/01/20

**FRAME AND GRATE DETAILS**

**CURB INLET TOP TYPE 9**

INDEX	SHEET
425-024	2 of 3

DESCRIPTION: FY 2021-22 STANDARD PLANS

DATE	REMARKS
05/05/22	ISSUED FOR BID
09/08/22	ISSUED FOR CONST.

CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY: EA  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787

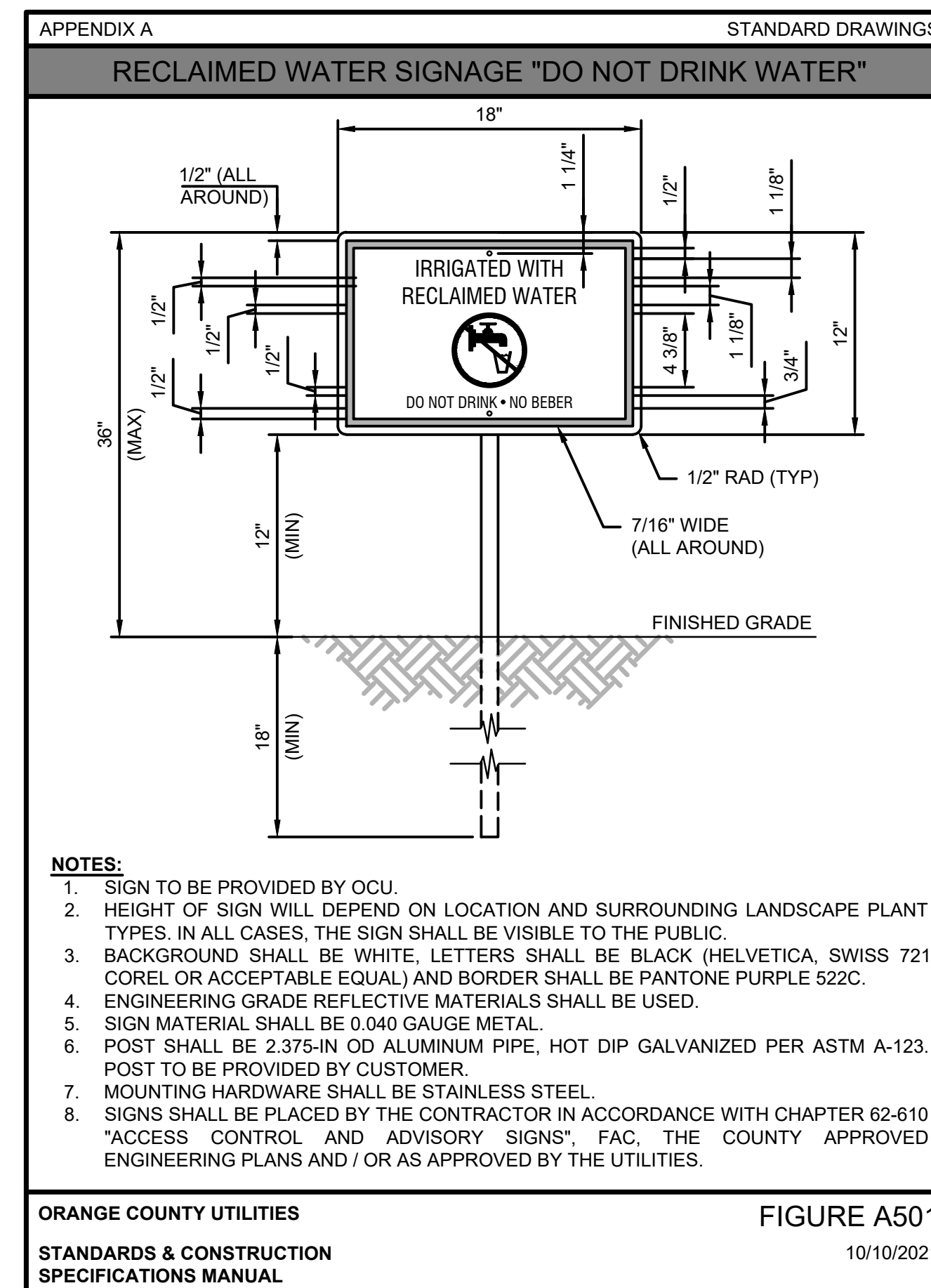
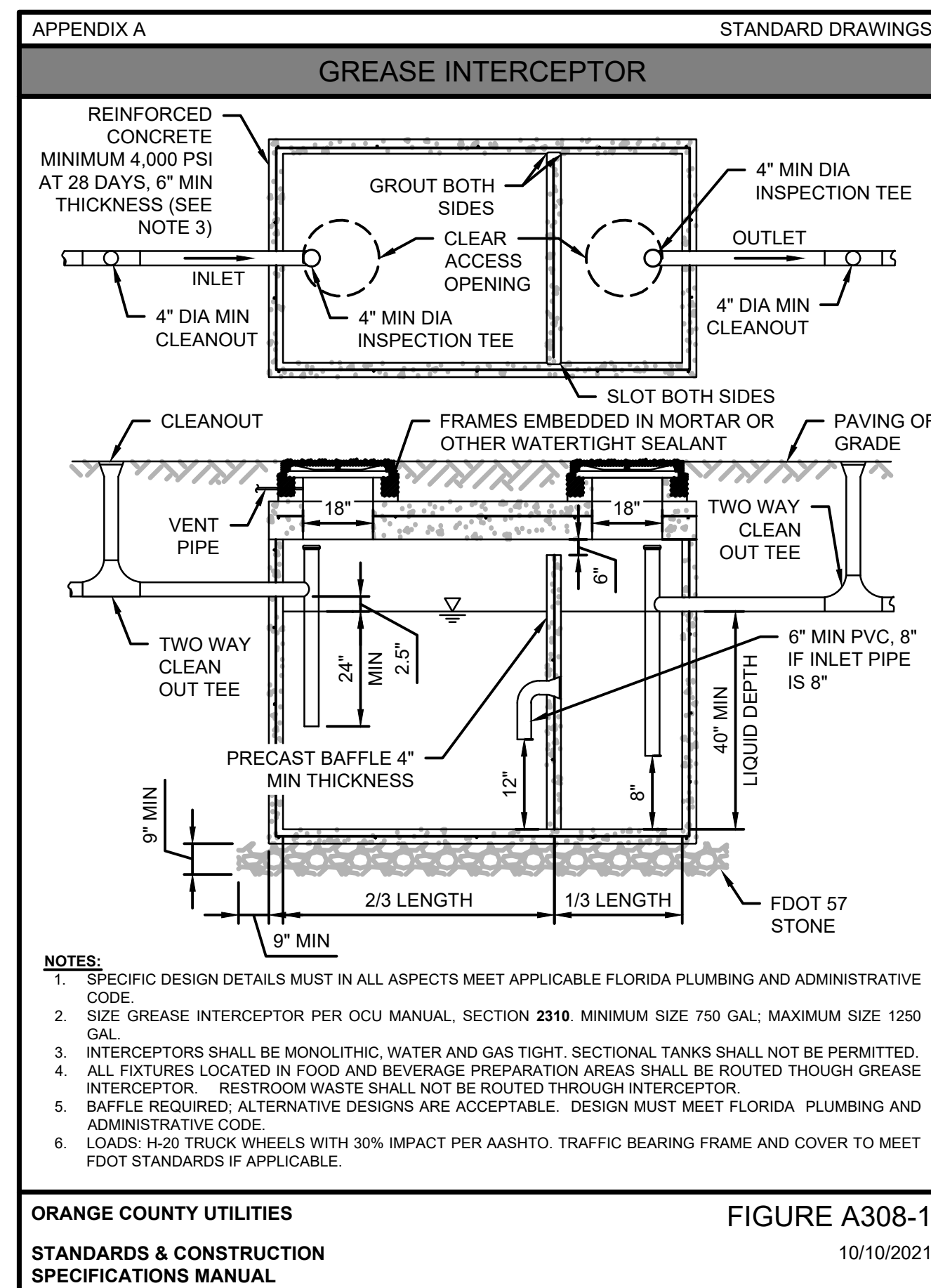
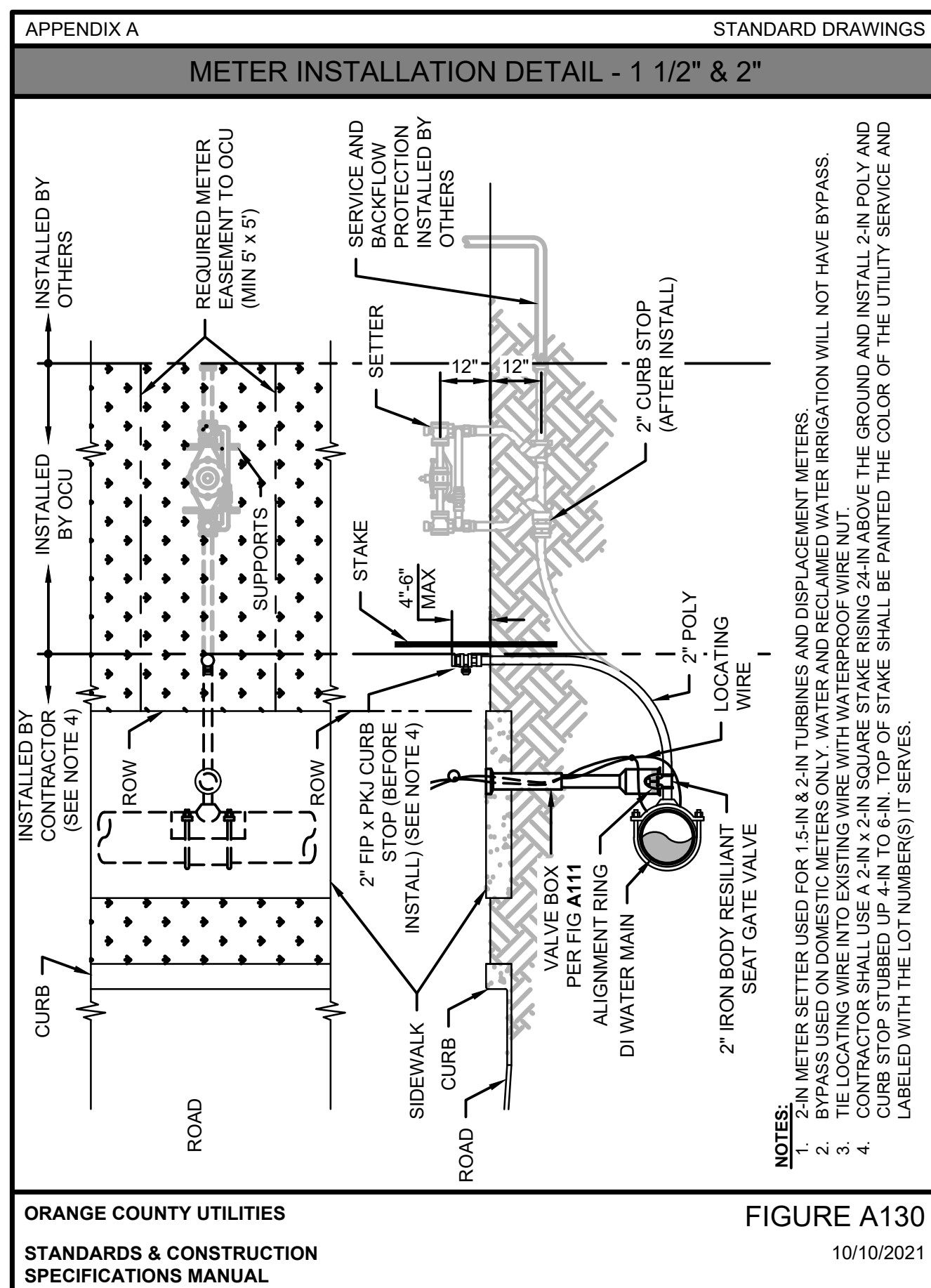
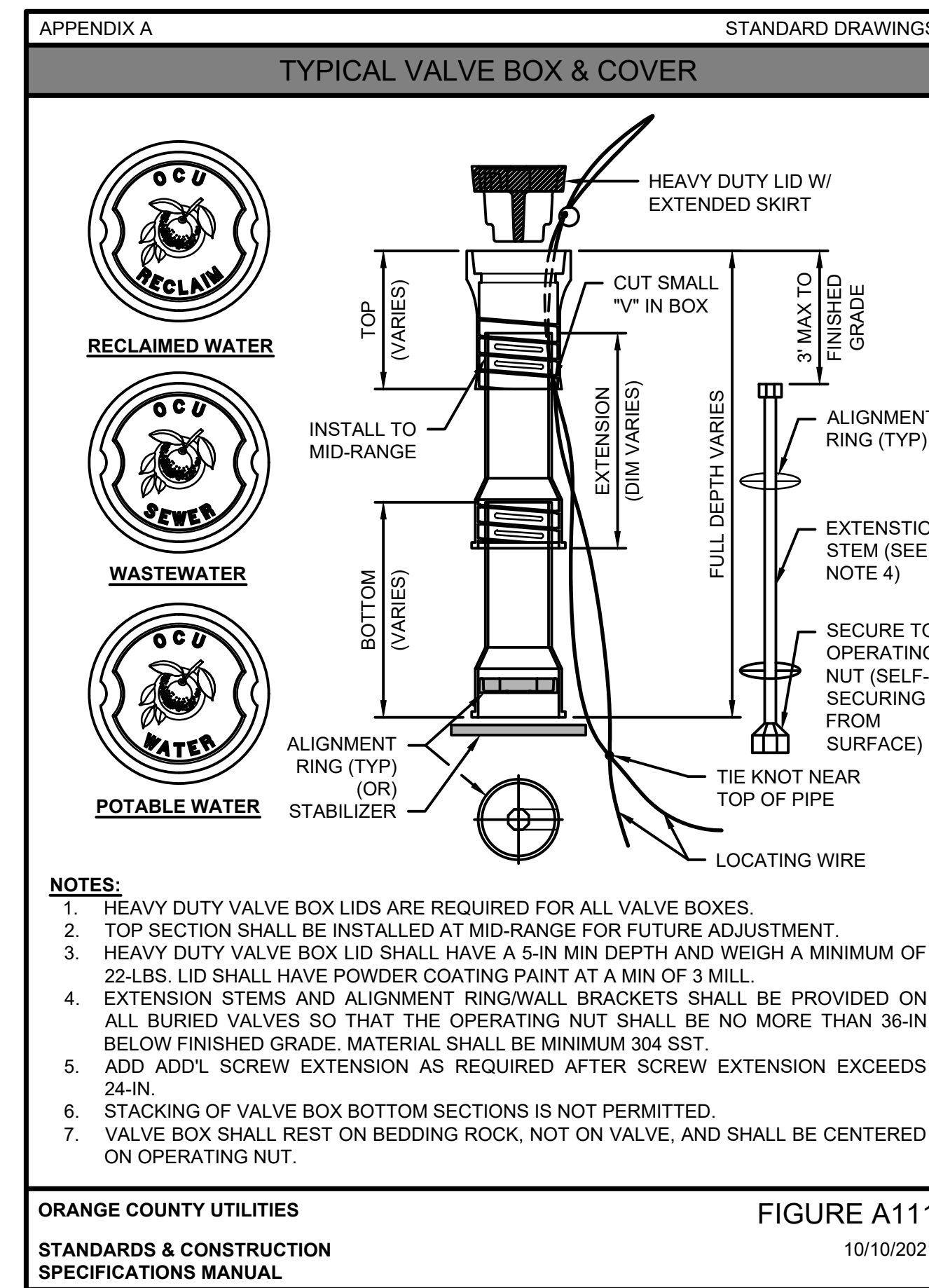
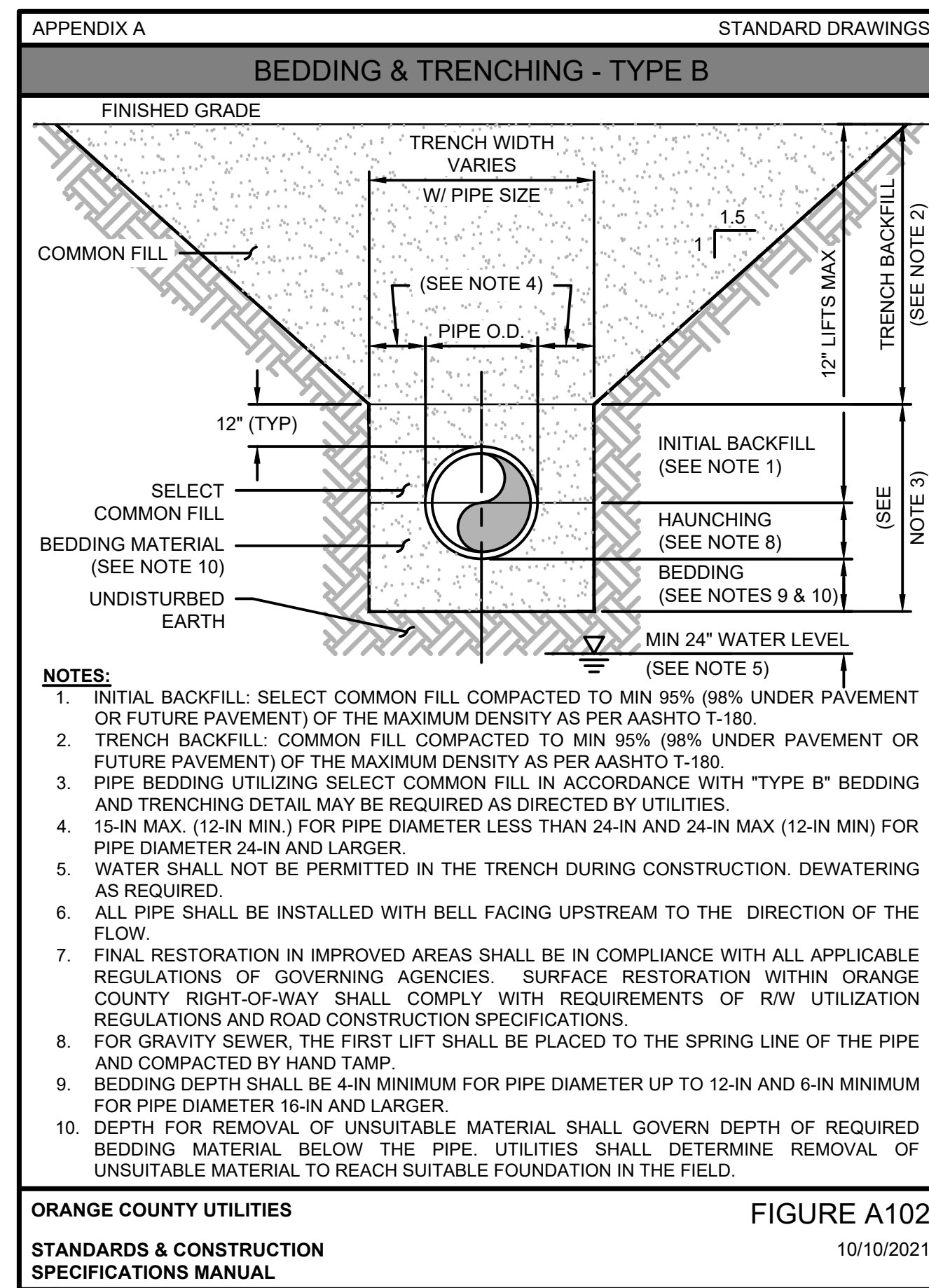
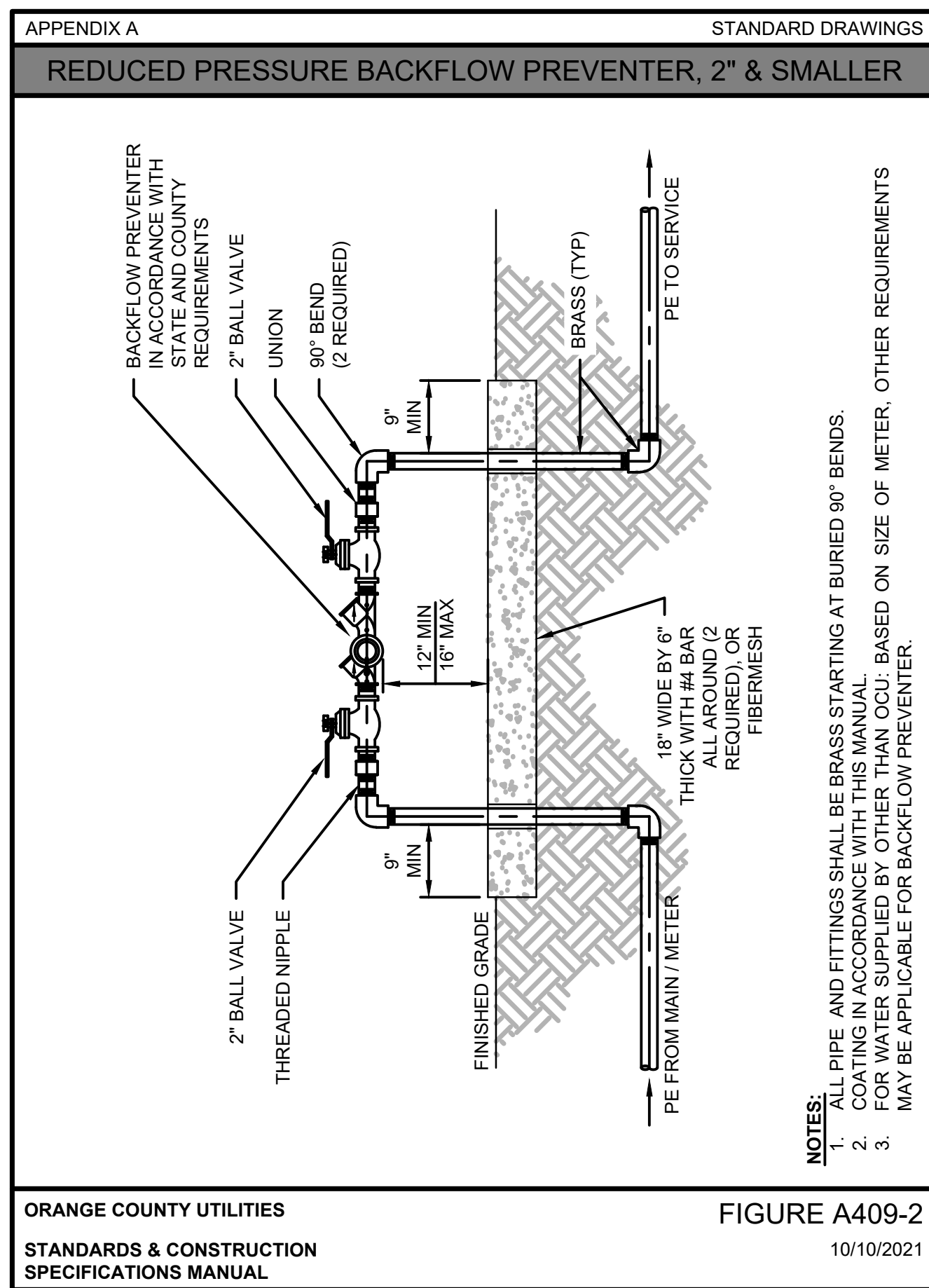


ENDEAVOR 2.0  
FDOT CURB INLET DETAILS

**C-506**



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DATE	REMARKS
02 05/04/22	OCU COMMENTS
05/05/22	ISSUED FOR BID
04 07/07/22	OCU COMMENTS
09/08/22	ISSUED FOR CONST.

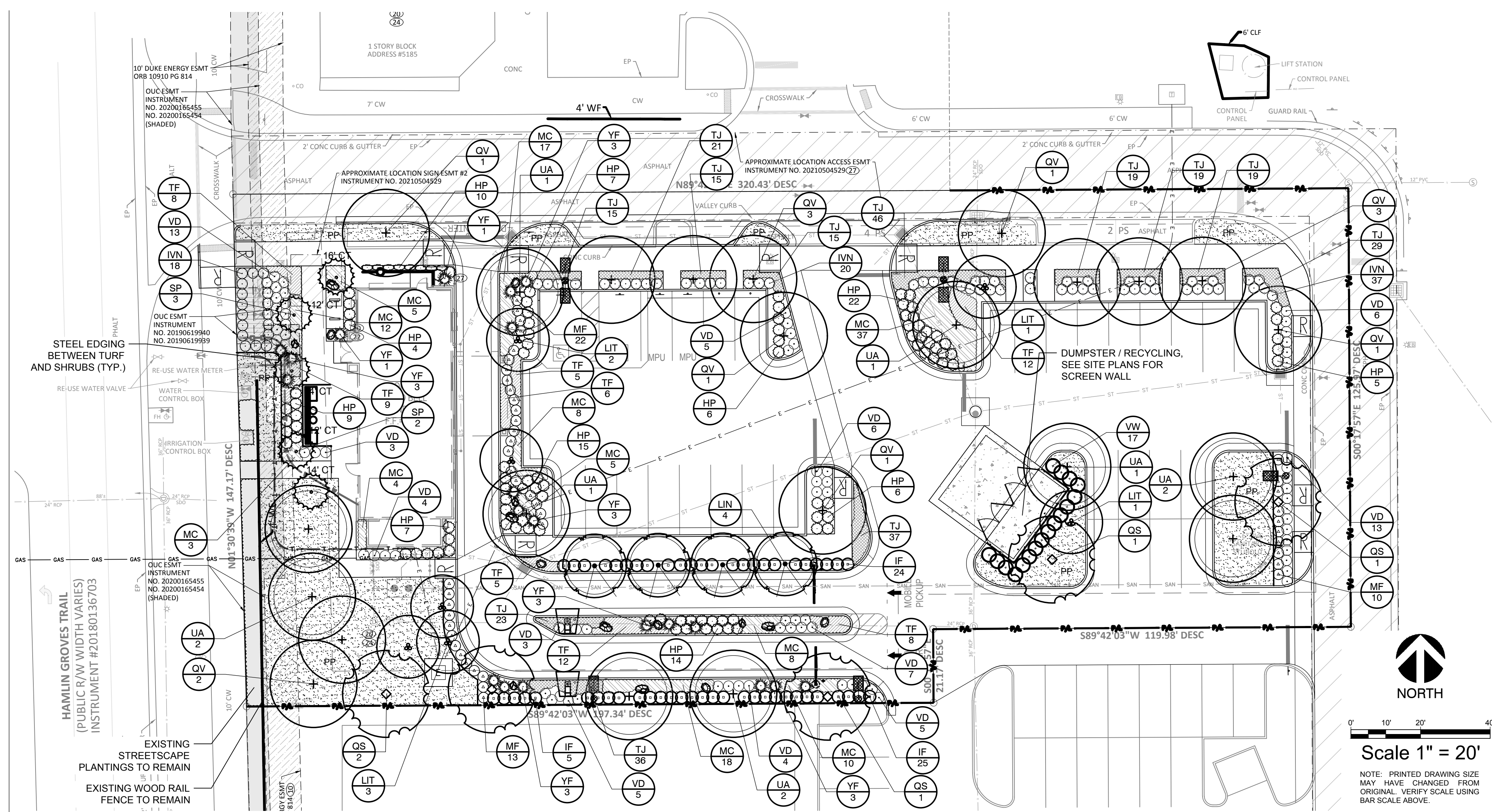
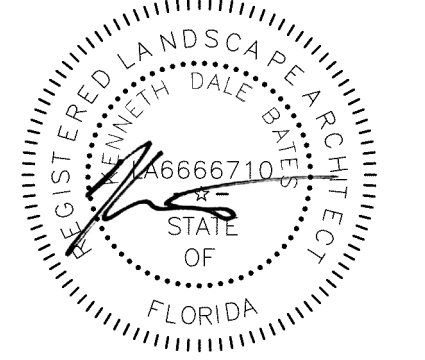
CONTRACT DATE: 08.19.21  
BUILDING TYPE: END. 20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER:  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JN  
DRAWN BY.: EA  
JOB NO.: 2021088.17

TACO BELL  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
ORANGE COUNTY  
UTILITIES DETAILS  
& SPECIFICATIONS

C-507



### LANDSCAPE CALCULATIONS

GROSS SITE AREA:	44,378 SF
SUBJECT PARCEL ZONING:	P-D
OPEN SPACE REQUIRED:	8,876 SF (20% OF SITE AREA)
OPEN SPACE PROVIDED:	11,041 SF (24.9% OF SITE AREA)
LANDSCAPE AREA:	11,041 SF
MAXIMUM TURF AREA ALLOWED:	6,625 SF (60% OF LANDSCAPE AREA)
NEW TURF AREA PROVIDED:	0 SF (0% OF LANDSCAPE AREA)

### VEHICULAR USE AREA PERIMETER LANDSCAPING

ADJACENT TO HAMLIN GROVES TRAIL - 46 LF	TREES REQUIRED: 1 SHADE TREE (1 TREE / 40 LF)
TREES PROVIDED:	1 SHADE TREE PROVIDED
ADJACENT TO PRIVATE DRIVE - 246 LF	TREES REQUIRED: 6 SHADE TREES (1 TREE / 40 LF)
TREES PROVIDED:	6 SHADE TREES PROVIDED
ADJACENT TO EAST - P-D ZONING - 126 LF	TREES REQUIRED: 3 SHADE TREES (1 TREE / 50 LF)
TREES PROVIDED:	0 SHADE TREES*
ADJACENT TO SOUTH - P-D ZONING - 258 LF	TREES REQUIRED: 5 SHADE TREES (1 TREE / 50 LF)
TREES PROVIDED:	3 SHADE TREES*

### INTERIOR LANDSCAPING

GROSS VEHICULAR USE AREA:	25,382 SF
NET VEHICULAR USE AREA:	22,454 SF (VUA EXCEPT PARKING SPACES ADJACENT TO PERIMETER)
LANDSCAPE AREA REQUIRED:	2,245 SF (10% OF NET VUA)
LANDSCAPE AREA PROVIDED:	3,883 SF
TREES REQUIRED:	22 TREES (1 TREE / 100 SF OF REQUIRED LSA)
TREES PROVIDED:	22 TREES, INCLUDING 1 TREE PER LANDSCAPE ISLAND

### PRIMARY BUILDING FACADE LANDSCAPING

MINIMUM OF 50% OF LSA TO REACH 30" HT - PROVIDED	5 PALMS (1 / 15 LF OF FACADE; 75 LF TOTAL)
TREES REQUIRED:	5 PALMS
TREES PROVIDED:	5 PALMS

### BUFFER YARD LANDSCAPING

ADJACENT TO HAMLIN GROVES TRAIL - 147 LF	TREES REQUIRED: 4 SHADE TREES (1 TREE / 40 LF)
TREES PROVIDED:	4 SHADE TREES
ADJACENT TO NORTH - P-D ZONING - 321 LF	TREES REQUIRED: 8 SHADE TREES (1 TREE / 40 LF)
TREES PROVIDED:	8 SHADE TREES
ADJACENT TO EAST - P-D ZONING - 126 LF	TREES REQUIRED: 3 SHADE TREES (1 TREE / 40 LF)
TREES PROVIDED:	0 SHADE TREES*
ADJACENT TO SOUTH - P-D ZONING - 318 LF	TREES REQUIRED: 8 SHADE TREES (1 TREE / 40 LF)
TREES PROVIDED:	5 SHADE TREES*

\* - REQUIRED PERIMETER AND BUFFER YARD TREES ARE NOT PROVIDED ALONG PORTIONS OF THE EAST AND SOUTH PROPERTY LINES DUE TO INSUFFICIENT PLANTING SPACE. THESE LOT LINES ARE ROUTED THROUGH SHARED PAVED ACCESSWAYS.

### PLANTING LEGEND

SYMBOL	BOTANIC NAME	COMMON NAME	MIN. SIZE	SPACING	QUANTITY	NATIVE	DROUGHT TOLERANT
<b>TREES</b>							
LIN	Lagerstroemia indica 'Natchez'	Crape Myrtle - White	8' ht. x 3' sprd., 2" cal. min., STD	per plan	4	NO	YES
LIT	Lagerstroemia indica 'Tuscarora'	Crape Myrtle - Red	8' ht. x 3' sprd., 2" cal. min., MT	per plan	7	NO	YES
QS	Quercus shumardii	Shumard Oak	10' ht. x 4' sprd., 3" cal. min.	per plan	5	YES	YES
QV	Quercus virginiana	Live Oak	10' ht. x 4' sprd., 3" cal. min.	per plan	13	YES	YES
UA	Ulmus alata	Winged Elm	10' ht. x 4' sprd., 3" cal. min.	per plan	10	YES	YES
NOTE: ALL TREES SHALL BE CONTAINER-GROWN, CONTAINER SIZE AS APPROPRIATE FOR THE CALIPER SPECIFIED. SEE SPECIFICATIONS FOR PROPER ROOT QUALITY.							
<b>PALMS</b>							
SP	Sabal palmetto	Cabbage Palm	see plan for c.t. hts.	per plan	5	NO	YES
<b>SHRUBS / GROUNDCOVERS / ORNAMENTAL GRASSES</b>							
HP	Hamelia patens 'Firefly'	Firefly Firebush	3 Gal. & 18" ht. min., Full	36" o.c.	105	YES	YES
IF	Illicium floridanum	Florida Anise	3 Gal. & 24" ht. min., Full	36" o.c.	54	YES	YES
IVN	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	3 Gal. & 24" ht. min., Full	36" o.c.	75	YES	YES
MC	Muhlenbergia capillaris	Muhly Grass	3 Gal. & 18" ht. min., Full	30" o.c.	127	YES	YES
MF	Myrcianthes fragrans 'Compacta'	Dwarf Simpson's Stopper	3 Gal. & 30" ht. min., Full	30" o.c.	45	YES	YES
TF	Tripsacum floridanum	Florida Gamagrass	3 Gal. & 18" ht. min., Full	30" o.c.	65	YES	YES
TJ	Trachelospermum jasminoides	Star Jasmine	1 Gal., 3 stems min., 15"-18"	18" o.c.	294	NO	YES
VD	Viburnum obovatum 'Densa'	Dwarf Viburnum	3 Gal. & 24" ht. min., Full	36" o.c.	74	YES	YES
VW	Viburnum obovatum	Walters Viburnum	7 Gal. & 36" ht. min., Full	36" o.c.	17	YES	YES
YF	Yucca filamentosa 'Adam's Needle'	Adam's Needle Yucca	5 Gal.	per plan	20	YES	YES
<b>TURF</b>							
PP	Arachis glabrata	Perennial Peanut	---	---	---	---	---

### BOULDERS

- A 42"-48" DIA. FLORIDA FIELDSTONE AND/OR CAPROCK
  - B 24"-30" DIA. FLORIDA FIELDSTONE AND/OR CAPROCK
  - C 12"-18" DIA. FLORIDA FIELDSTONE AND/OR CAPROCK
- BURY BOULDERS 1/3 TO 1/2 OF HEIGHT (TYP.)

### GENERAL GRADING AND PLANTING NOTES

- ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER ACCORDING TO GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION AT TIME OF INSTALLATION.
- BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ AND WILL COMPLY WITH THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
- IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
  - BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
  - CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
  - THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED BASED ON A SOIL TEST PER SPECIFICATIONS, AND THE FINISH GRADES TO BE ESTABLISHED.
  - ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH GRADE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
  - ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH GRADE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
  - IF ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
- ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
  - THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES. PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
  - NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
  - THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
- THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

### ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED OR TRANSLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PUBLIC PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

### MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 2" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED) IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.

CYPRESS MULCH SHALL NOT BE USED.

MULCH, PER SEC. 24-6(B)(4), SHALL BE ORGANIC AND SHALL NOT BE PLACED ON TOP OF THE ROOT BALL OR PLACED AGAINST THE TRUNK. MULCH SHALL BE APPLIED A MINIMUM OF 12" TO 18" FROM THE TRUNK OF ANY SIZED TREE. MATERIALS SUCH AS ROCK AND SHELLS THAT DO NOT BIODEGRADE, ARE NOT DEEMED ACCEPTABLE. FAILURE TO INSTALL MULCH (AND TYPE OF MULCH) AS PROVIDED IN THE SPECIFICATION ABOVE MAY RESULT IN A FAILED INSPECTION. SEE HTTP://HORT.IFAS.UFL.EDU/WOODY/OVER-MULCHING.SHTML FOR MORE INFORMATION.

### IRRIGATION SYSTEM REQUIREMENTS

THE IRRIGATION SYSTEM SHALL BE DESIGNED TO CORRELATE TO THE ORGANIZATION OF PLANTS INTO ZONES AS DESCRIBED IN SECTION 24-6. ALL IRRIGATION SYSTEMS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN CHAPTER 37 OF THE CODE AND SHALL BE CERTIFIED BY THE LICENSED CONTRACTOR OR LICENSED PROFESSIONAL TO BE IN COMPLIANCE WITH CHAPTER 37 IRRIGATION SYSTEM REQUIREMENTS IN DESIGN. THE SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH THE CHAPTER 37 IRRIGATION SYSTEM REQUIREMENTS.

### CERTIFICATION OF CODE COMPLIANCE

EVERY EFFORT HAS BEEN TAKEN IN DESIGNING THIS LANDSCAPE PLAN TO COMPLY WITH THE REQUIREMENTS OF CHAPTER 24 OF THE ORANGE COUNTY, FLORIDA LDC.

### PSP CALCULATIONS:

THIS DEVELOPMENT RESIDES WITHIN THE HAMLIN EAST PROTON THERAPY CENTER PSP, PSP-17-08-253.

TOTAL INCHES TO BE MITIGATED (OVERALL PSP) = 178 INCHES  
 TOTAL INCHES MITIGATION PROVIDED (ON PREVIOUS DEVELOPMENT) = 221 INCHES  
 TOTAL INCHES REMOVED THIS DEVELOPMENT = 0 INCHES  
 TOTAL INCHES PROVIDED THIS DEVELOPMENT = 104 INCHES

ANY TREES PROPOSED TO BE PRESERVED ON THIS PLAN THAT ARE SUBSEQUENTLY REMOVED, SHALL BE CONSIDERED A VIOLATION, AND AS SUCH SHALL BE REPLACED IN INCHES ON SITE AT A 2:1 RATIO FOR NON-SPECIMEN TREES AND AT A RATIO OF 4:1 FOR SPECIMEN TREES. AS AN ALTERNATIVE, THE VIOLATION MAY BE SATISFIED VIA PAYMENT INTO THE COUNTY TREE FUND OR BY SOME COMBINATION OF PAYMENT AND ONSITE PLANTING. THE CURRENT FEE, AS MAY BE AMENDED BY THE ORANGE COUNTY BCC, IS \$106.00 PER INCH. IN ALL CIRCUMSTANCES, MITIGATION MUST BE SATISFIED PRIOR TO THE RELEASE OF THE LANDSCAPE/ZONING HOLD(S).

ALL EXISTING INVASIVE EXOTIC PLANTS, AS LISTED ON THE FLORIDA EXOTIC PEST PLANT COUNCIL'S INVASIVE PLANT SPECIES LIST, SHALL BE REMOVED

DATE	REMARKS

CONTRACT DATE: 08.19.21  
 BUILDING TYPE: END. 20  
 PLAN VERSION: DEC. 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 314877  
 STORE NUMBER: 45564  
 PA/PM: RM  
 DRAWN BY: KB  
 JOB NO.:

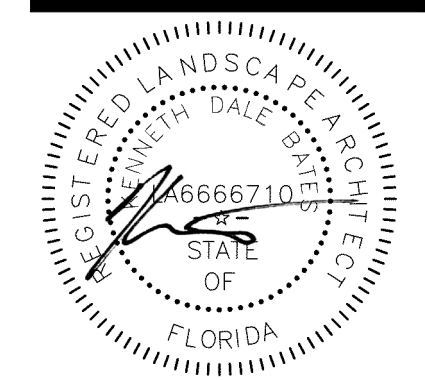
TACO BELL  
 5201 HAMLIN GROVE TRAIL  
 WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
 LANDSCAPE  
 PLANTING

LP-1





**IRRIGATION DISCLAIMER**

THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS INDICATED ON PLAN. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.

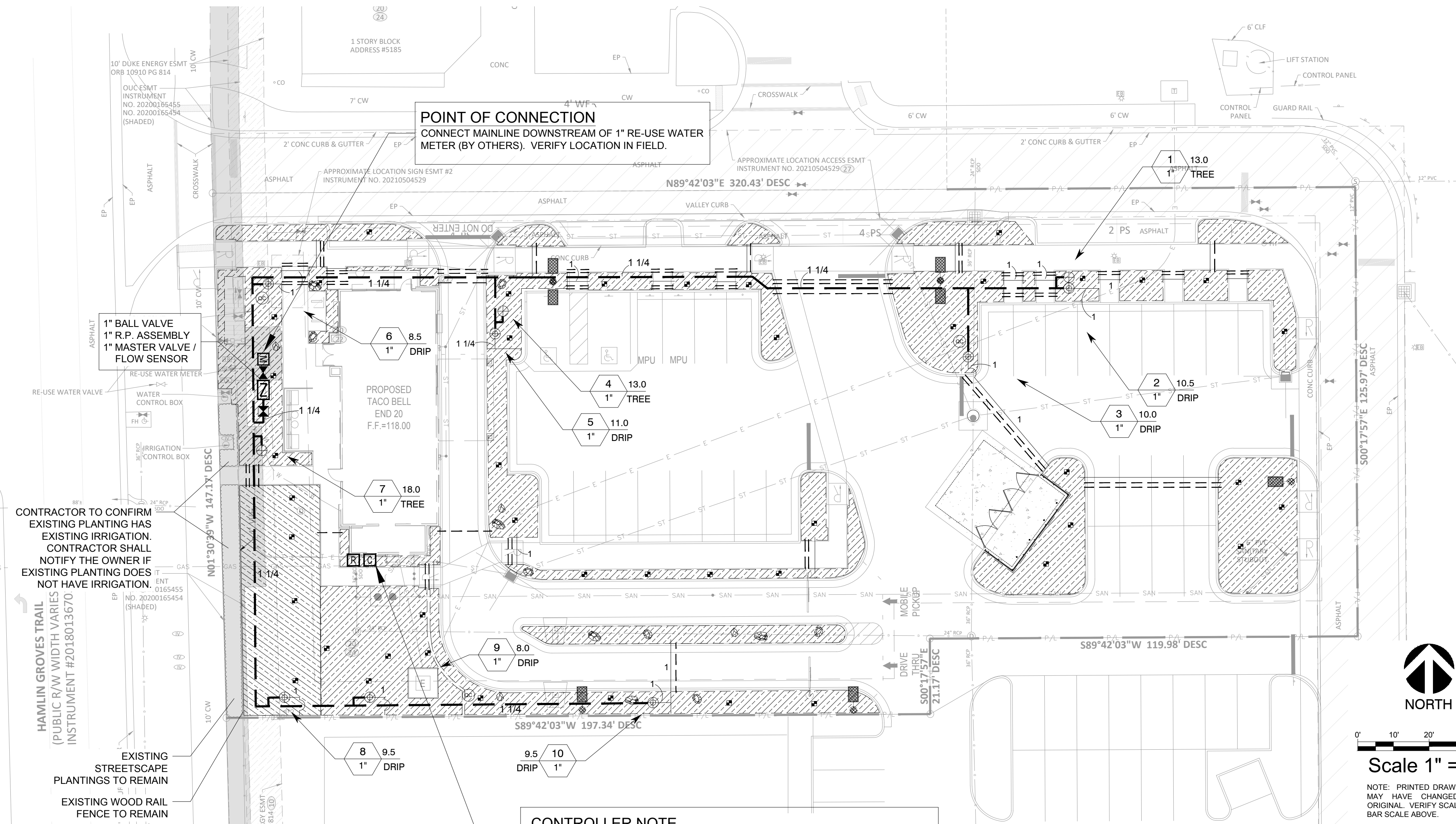
IRRIGATION CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS. ANY QUANTITIES PROVIDED ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE.

**AUTOMATIC DRAIN VALVES AND AIR RELIEF VALVES**

INSTALL AUTOMATIC DRAIN VALVES AT THE LOW POINTS OF EACH LATERAL LINE (MIN. 2 PER VALVE) AS PER DETAIL ON SHEET LI-2. INSTALL AIR RELIEF VALVES ON DRIP SYSTEMS AT THE LOCATIONS SHOWN ON THE PLANS, AS AS PER DETAILS.

**SLEEVING / WIRING NOTES:**

IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER ROADWAYS AND WALKWAYS, THE IRRIGATION CONTRACTOR SHALL PROVIDE AND INSTALL SCH. 40 PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING UNDER ALL ROADWAYS AND WALKWAYS. SLEEVES FOR CONTROLLER WIRES SHALL BE 2" DIA. AND CONTAIN NO MORE THAN 25 WIRES. FOR PLAN CLARITY, ONLY SOME REPRESENTATIVE SLEEVES ARE SHOWN; SOME SLEEVES MAY NOT BE SHOWN.



**POINT OF CONNECTION**  
CONNECT MAINLINE DOWNSTREAM OF 1" RE-USE WATER METER (BY OTHERS). VERIFY LOCATION IN FIELD.

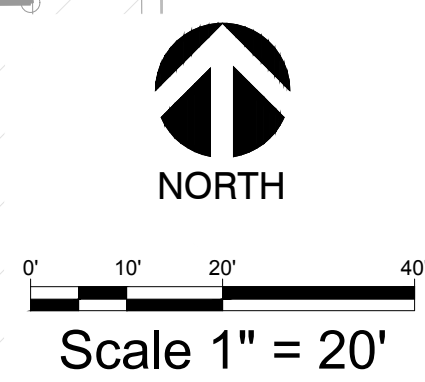
1" BALL VALVE  
1" R.P. ASSEMBLY  
1" MASTER VALVE / FLOW SENSOR

CONTRACTOR TO CONFIRM EXISTING PLANTING HAS EXISTING IRRIGATION. CONTRACTOR SHALL NOTIFY THE OWNER IF EXISTING PLANTING DOES NOT HAVE IRRIGATION.

EXISTING STREETSCAPE PLANTINGS TO REMAIN  
EXISTING WOOD RAIL FENCE TO REMAIN

**CONTROLLER NOTE**  
LOCATE CONTROLLER AT LOCATION SHOWN ON PLAN. VERIFY LOCATION IN FIELD WITH OWNER'S REPRESENTATIVE.

120 VAC POWER TO CONTROLLER LOCATION IS NOT WITHIN THE IRRIGATION CONTRACTOR'S SCOPE OF WORK, AND SHALL BE PROVIDED BY OTHERS. HOOK-UP OF CONTROLLER TO 120 VAC SHALL BE PERFORMED BY THE IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF WIRE SLEEVE PENETRATIONS THROUGH BUILDING WITH OWNER AND GENERAL CONTRACTOR. STATION RUN ORDER SHALL MATCH PLANS.



NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING GRAPHIC SCALE ABOVE.

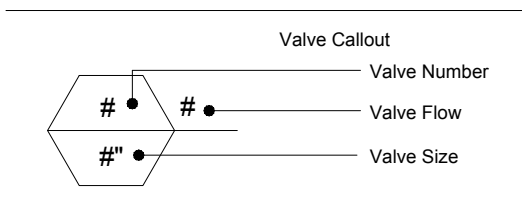
**IRRIGATION LEGEND**

SYMBOL	MANUFACTURER/MODEL
☐	RAINBIRD 1806-SAM-PRS SERIES POP UP SPRAY HEADS WITH ADAPTER AND RAINBIRD #1402 SERIES BUBBLER NOZZLES. ( TWO PER TREE ) SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
⊕	RAINBIRD XCZ-100-PRB-COM / 150-PRB-COM SERIES AUTOMATIC DRIP VALVE ASSEMBLY WITH 40 PSI PRESSURE REGULATOR XCZ-100-PRB-COM - 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3GPM TO 20GPM. XCZ-150-PRB-LCDR - 1-1/2" PESB-R SCRUBBER GLOBE VALVE WITH SINGLE 1-1/2" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-62GPM.
⊕	RAINBIRD PEBS SERIES ELECTRIC REMOTE CONTROL, "TREE BUBBLER ZONE" VALVE SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
▨	AREA TO RECEIVE DRIPLINE RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE IN SHRUB BED INSTALLED AT 2" DEPTH
⊓	ZURN / WILKINS 375XLB SERIES REDUCED PRESSURE TYPE BACKFLOW PREVENTOR INSTALLED PER CITY CODE WITH SAME SIZE BRONZE BALL VALVE INSTALLED ON THE UP-STREAM SIDE. MOUNTED IN STRONGBOX SMOOTH TOUCH ENCLOSURE.
⊗	LASCO "V101N" SERIES SCH. 80 PVC TRUE UNION BALL VALVE, MAINLINE SIZE
M	IRRIGATION WATER METER AND TAP, SIZE AS NOTED ON THE PLAN
⊙	RAINBIRD 33-DNP QUICK COUPLING VALVE WITH LOCKING PURPLE COVER AND 3/4" PVC BALL VALVE
C	RAINBIRD ESP12LXMEF SERIES AUTOMATIC WALL MOUNT CONTROLLER
R	WR2-RFC RAIN / FREEZE SENSOR LOCATE SENSOR AS FIELD DIRECTED BY THE LANDSCAPE ARCHITECT
⊗	"MASTER" ELECTRIC VALVE ( SAME SIZE AS METER ) WITH RAINBIRD FLOW SENSOR MODEL #FS100B SERIES (COLOR PURPLE ) IRRIGATION LATERAL LINE: CLASS 200
—	(COLOR PURPLE ) IRRIGATION MAINLINE: SCHEDULE 40 PVC
- - -	IRRIGATION SLEEVE, SCH. 40 PVC, MIN. TWICE SIZE OF PIPE TO BE INSERTED
==	IRRIGATION SLEEVES, SCH. 40 PVC, MIN. TWICE SIZE OF PIPE TO BE INSERTED

IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21  
PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN SIZE.

NOTE: \*\*\* ALL PIPE TO BE SIZED SUCH THAT FLOWS WILL NOT EXCEED VELOCITY OF 5 FPS \*\*\*

**VALVE KEY**



**RECLAIMED-WATER-NOTE**

ALL PVC PIPES, VALVE BOX LIDS, HEAD COVERS, VALVE HANDLES, AND DRIP TUBE SHALL BE COLOR PURPLE FOR FUTURE RECLAIMED WATER USE.

DATE	REMARKS

CONTRACT DATE:	08.19.21
BUILDING TYPE:	END. 20
PLAN VERSION:	DEC. 2021
BRAND DESIGNER:	
SITE NUMBER:	314877
STORE NUMBER:	455564
PA/PM:	RM
DRAWN BY:.	KB
JOB NO.:	

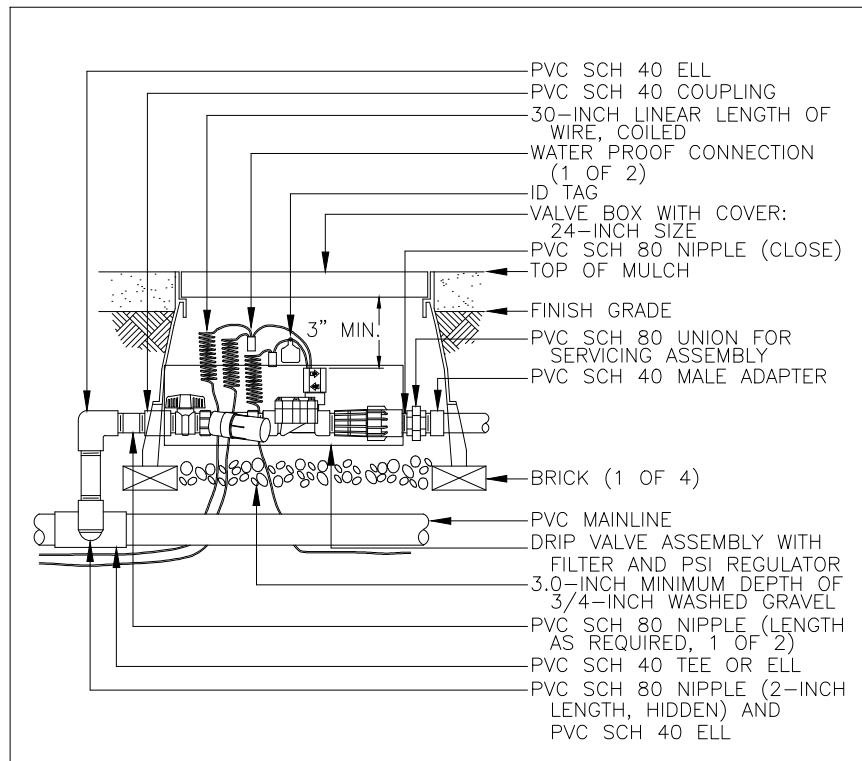
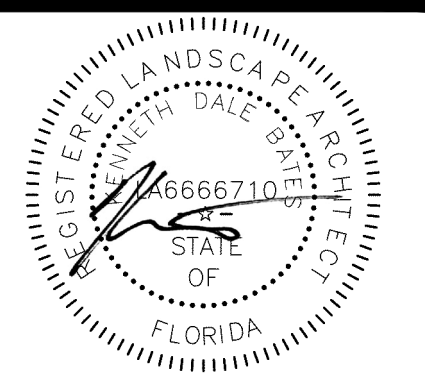
**TACO BELL**

5201 HAMLIN GROVE TRAIL  
WINTER GARDEN, FL 34787

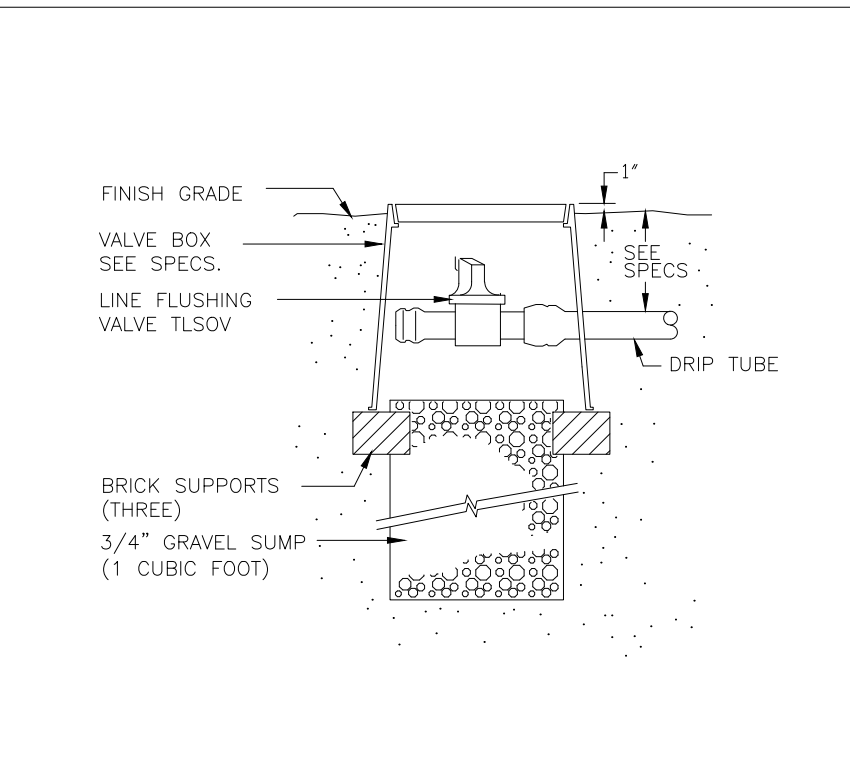


**ENDEAVOR 2.0  
IRRIGATION  
PLAN**

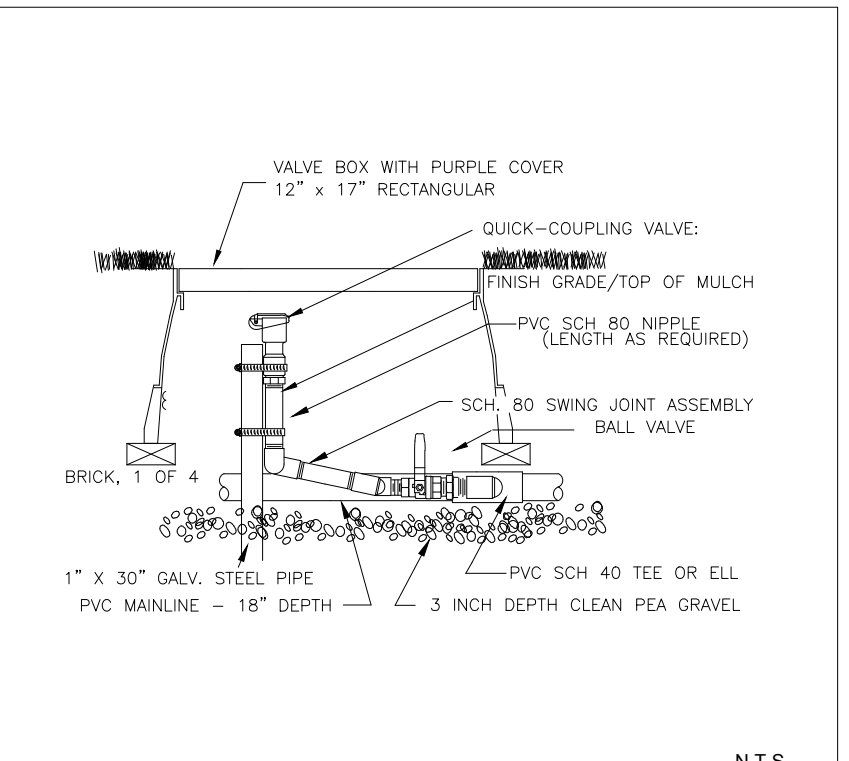
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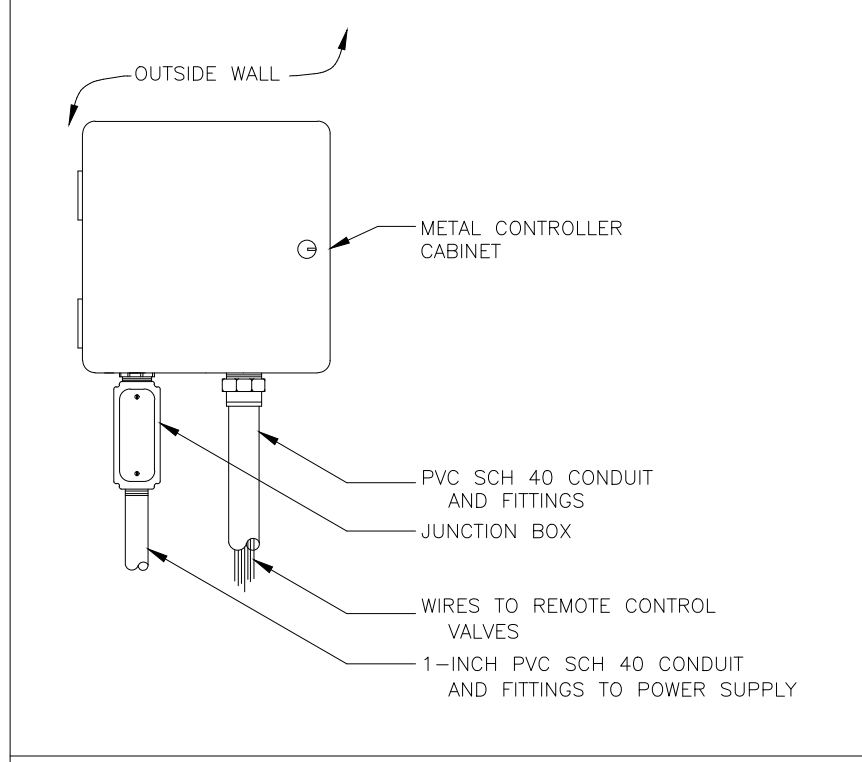
**CONTROL ZONE KIT** N.T.S.



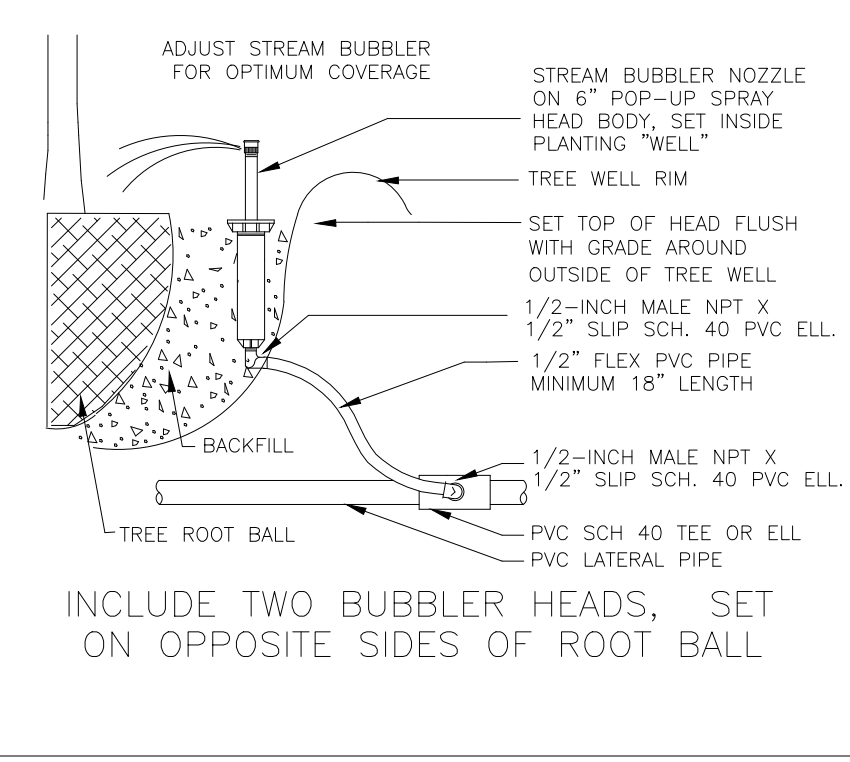
**MANUAL LINE FLUSH VALVE** N.T.S.



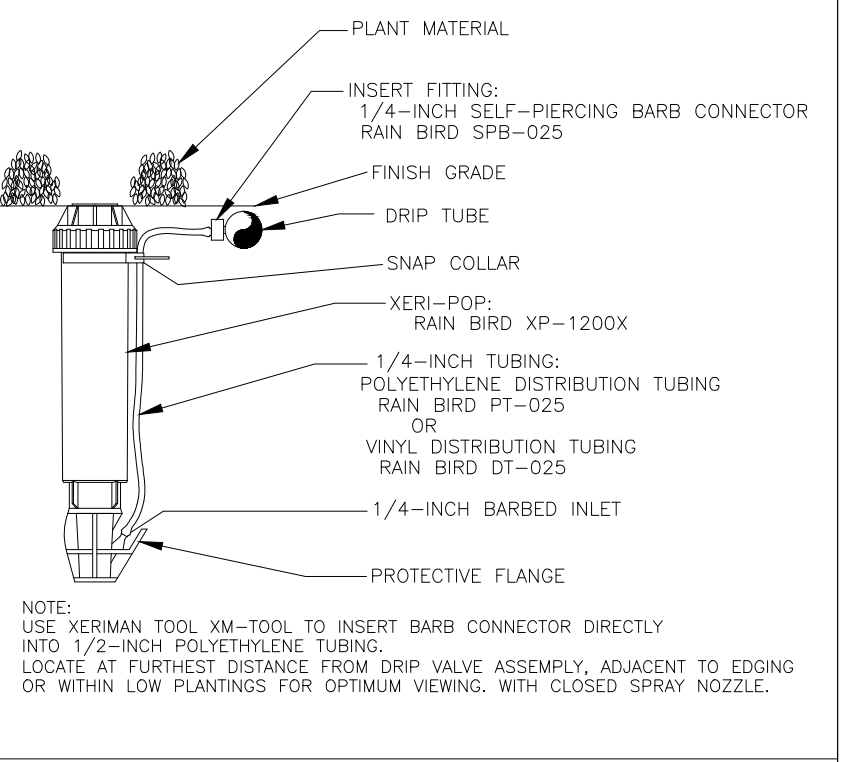
**QUICK COUPLER VALVE WITH PVC BALL VALVE** N.T.S.



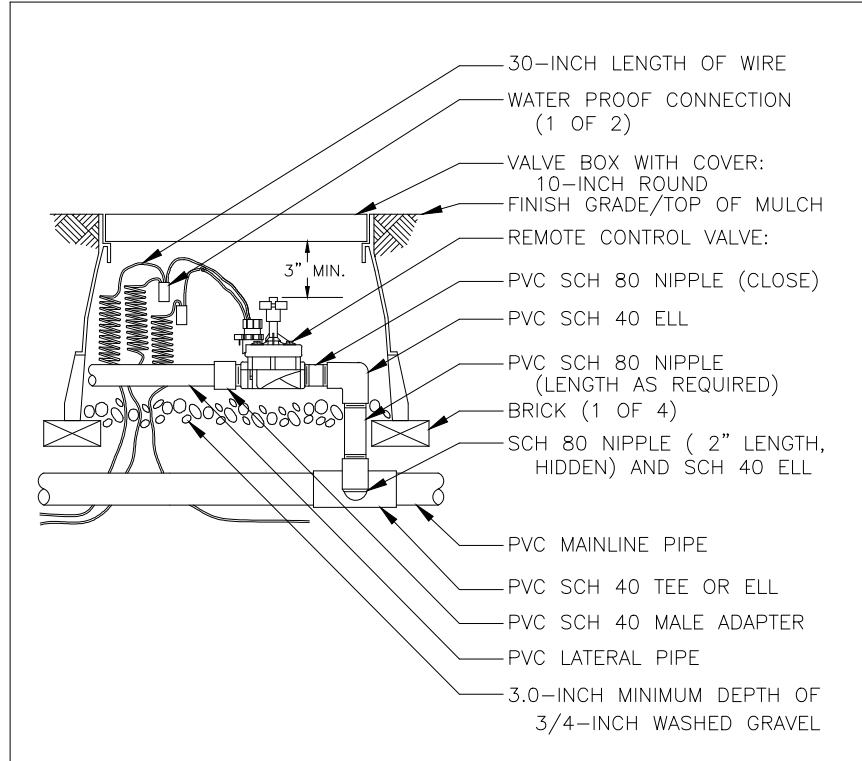
**WALL MOUNT CONTROLLER** N.T.S.



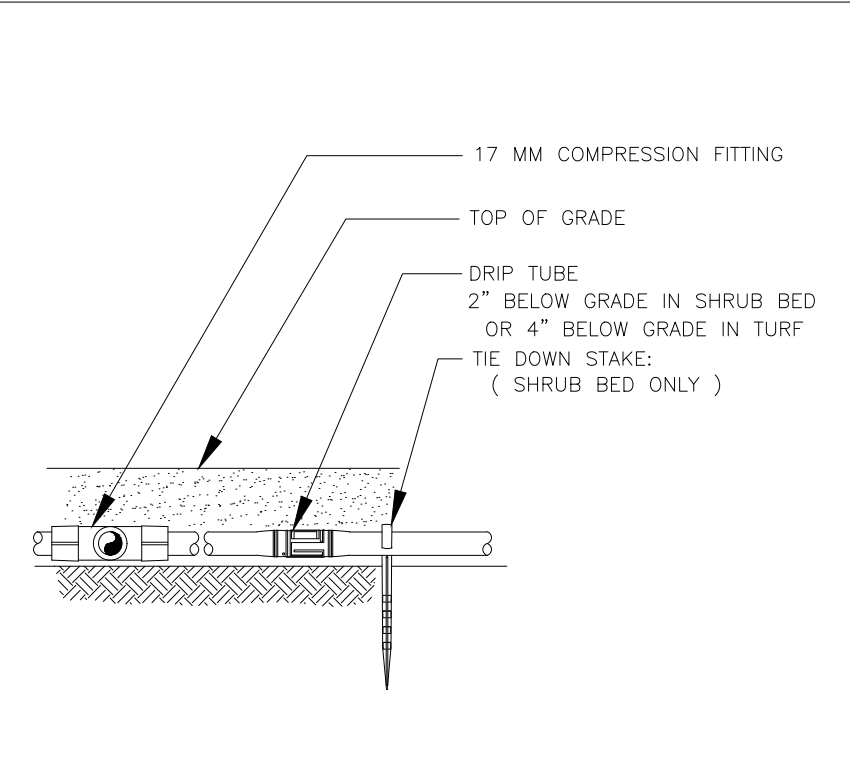
**TREE BUBBLER** N.T.S.



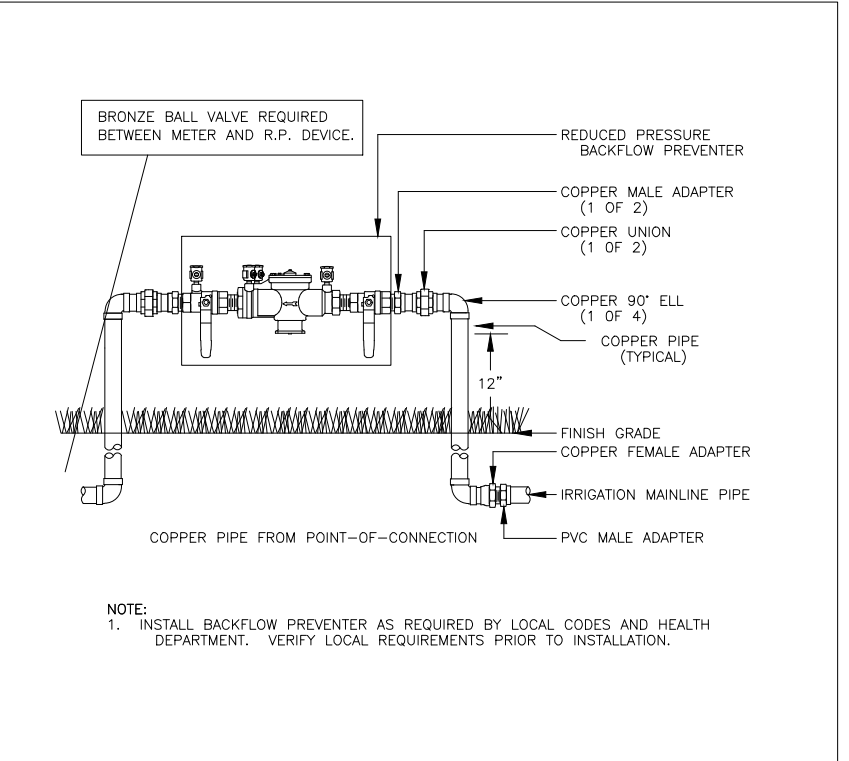
**DRIP ZONE INDICATOR** N.T.S.



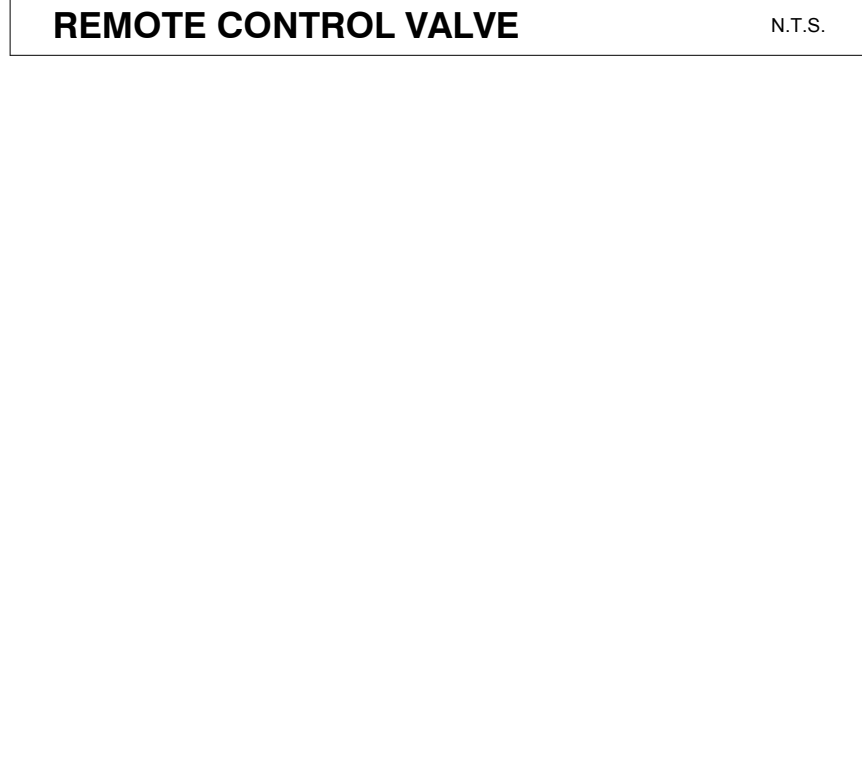
**REMOTE CONTROL VALVE** N.T.S.



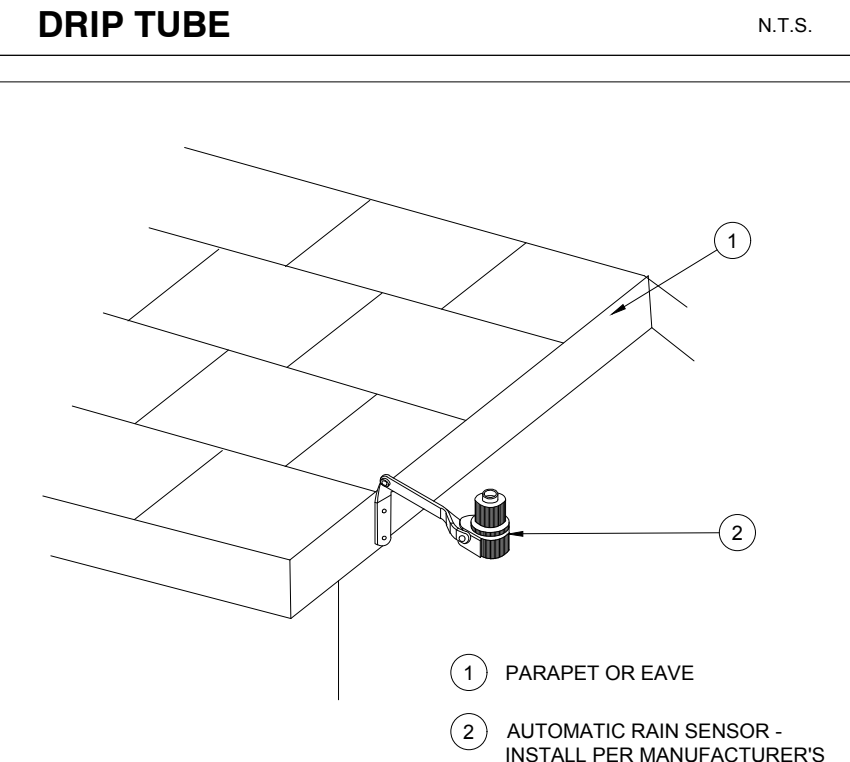
**DRIP TUBE** N.T.S.



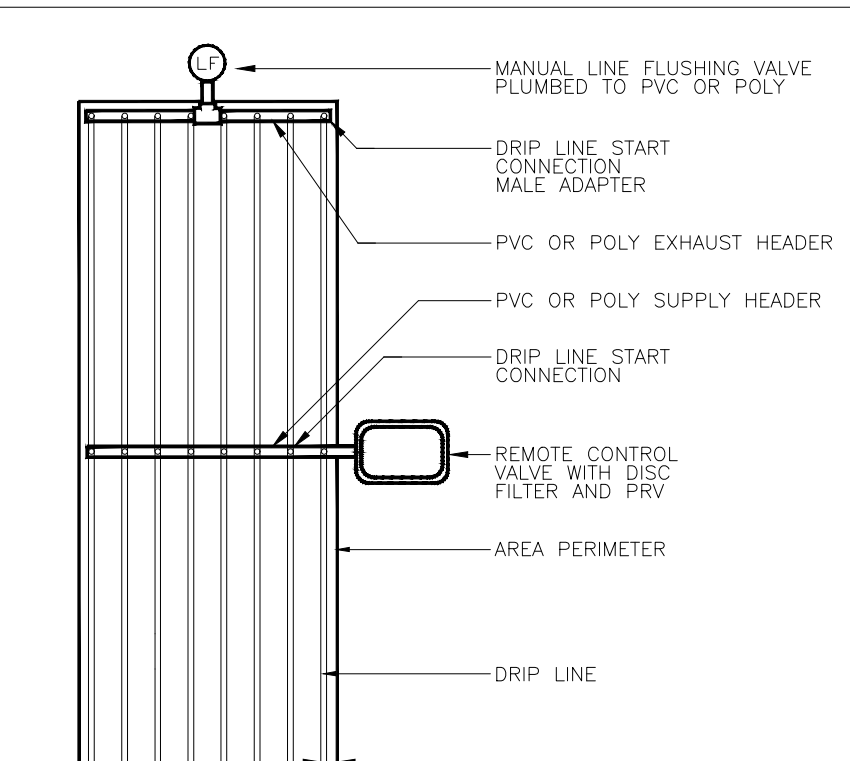
**RP DEVICE** N.T.S.



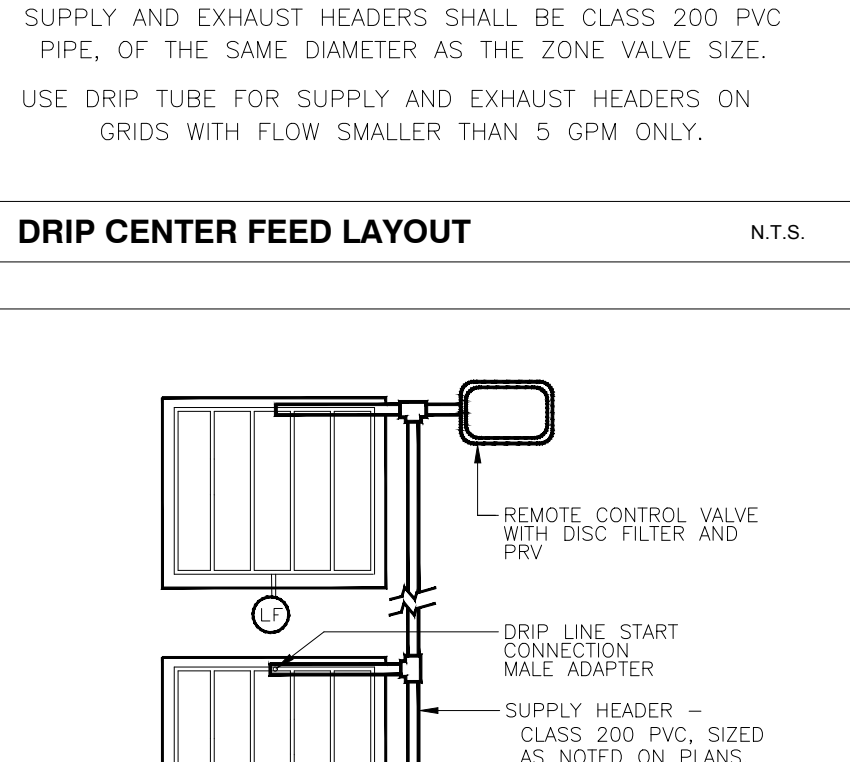
**RAIN SENSOR, ROOF MOUNT** N.T.S.



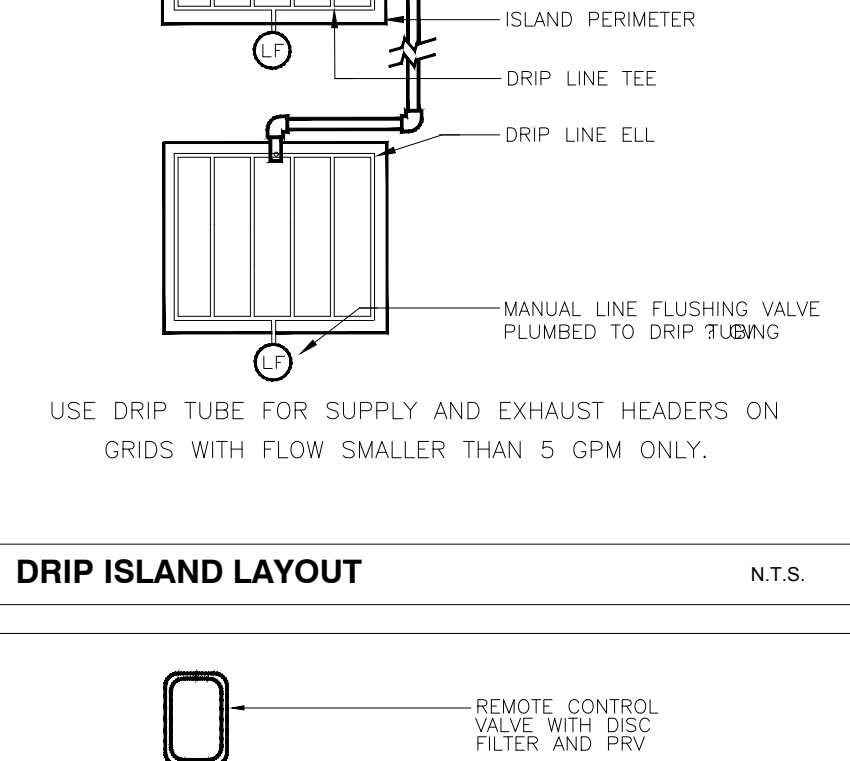
**RP DEVICE WITH ENCLOSURE** N.T.S.



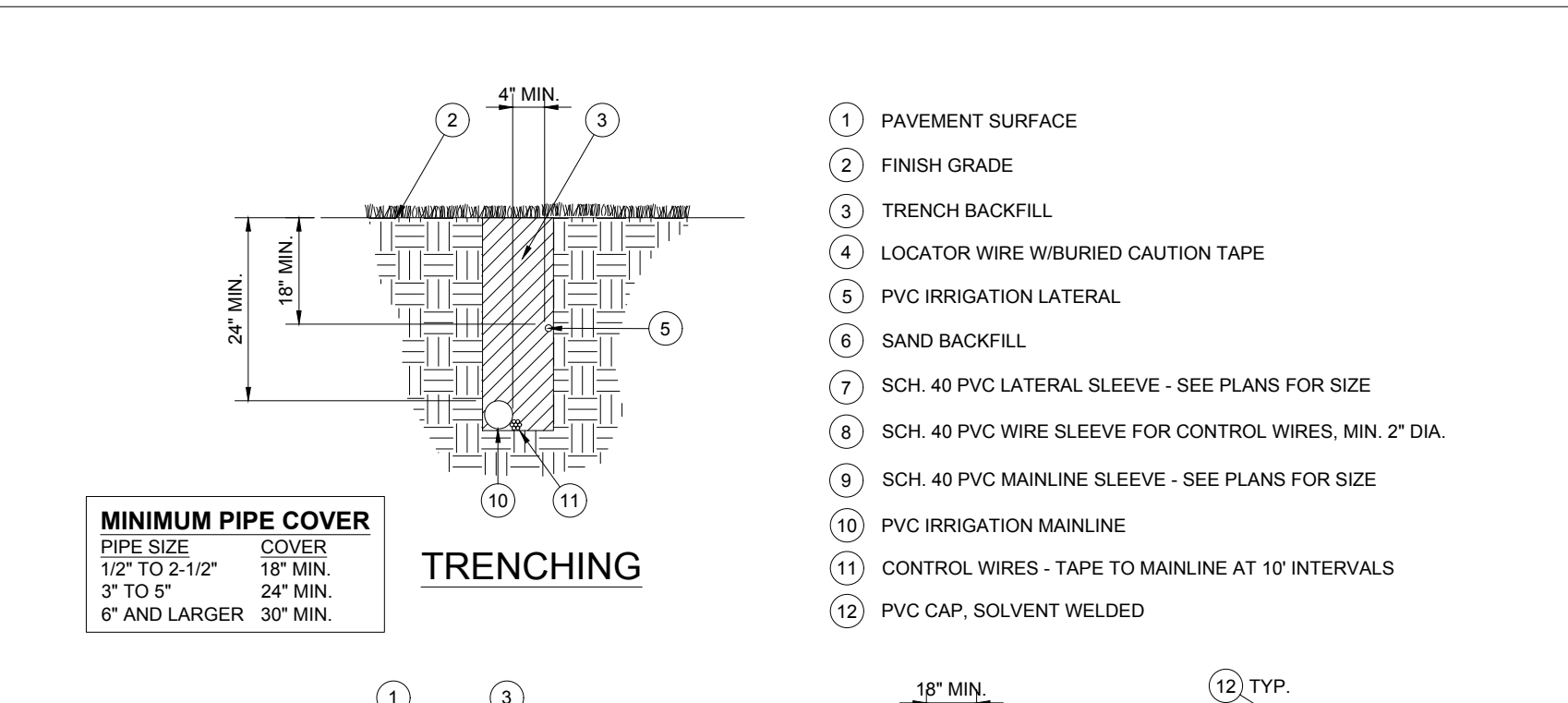
**DRIP CENTER FEED LAYOUT** N.T.S.



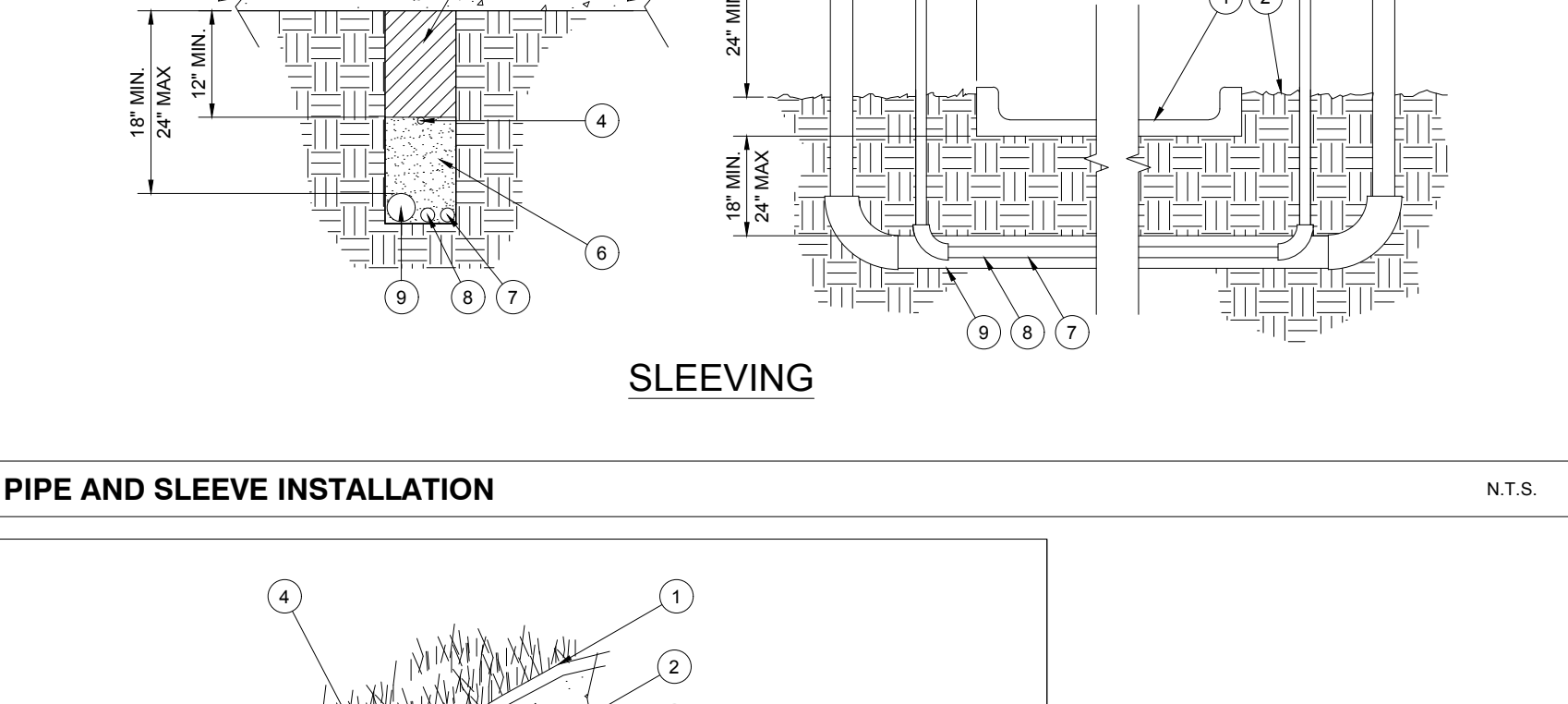
**DRIP ISLAND LAYOUT** N.T.S.



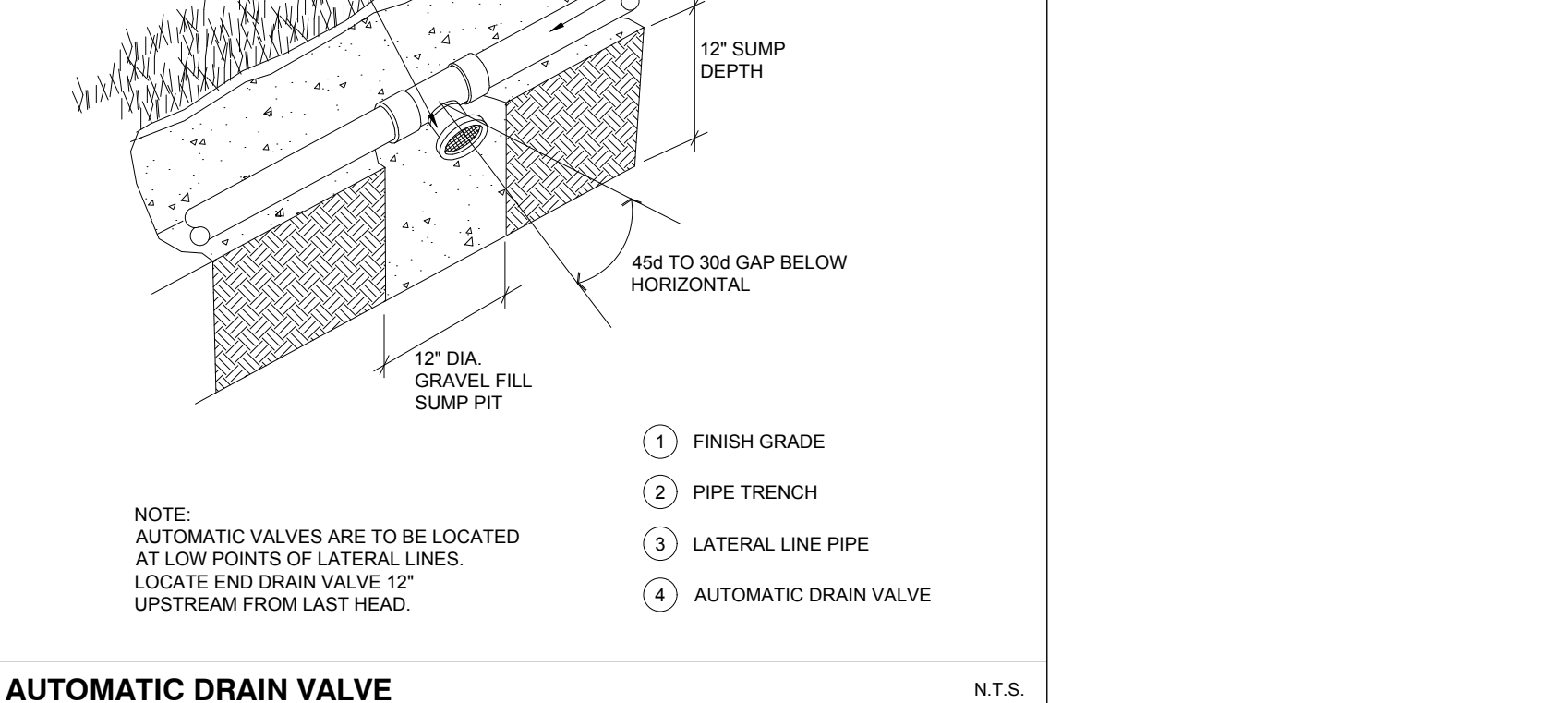
**DRIP END FEED LAYOUT** N.T.S.



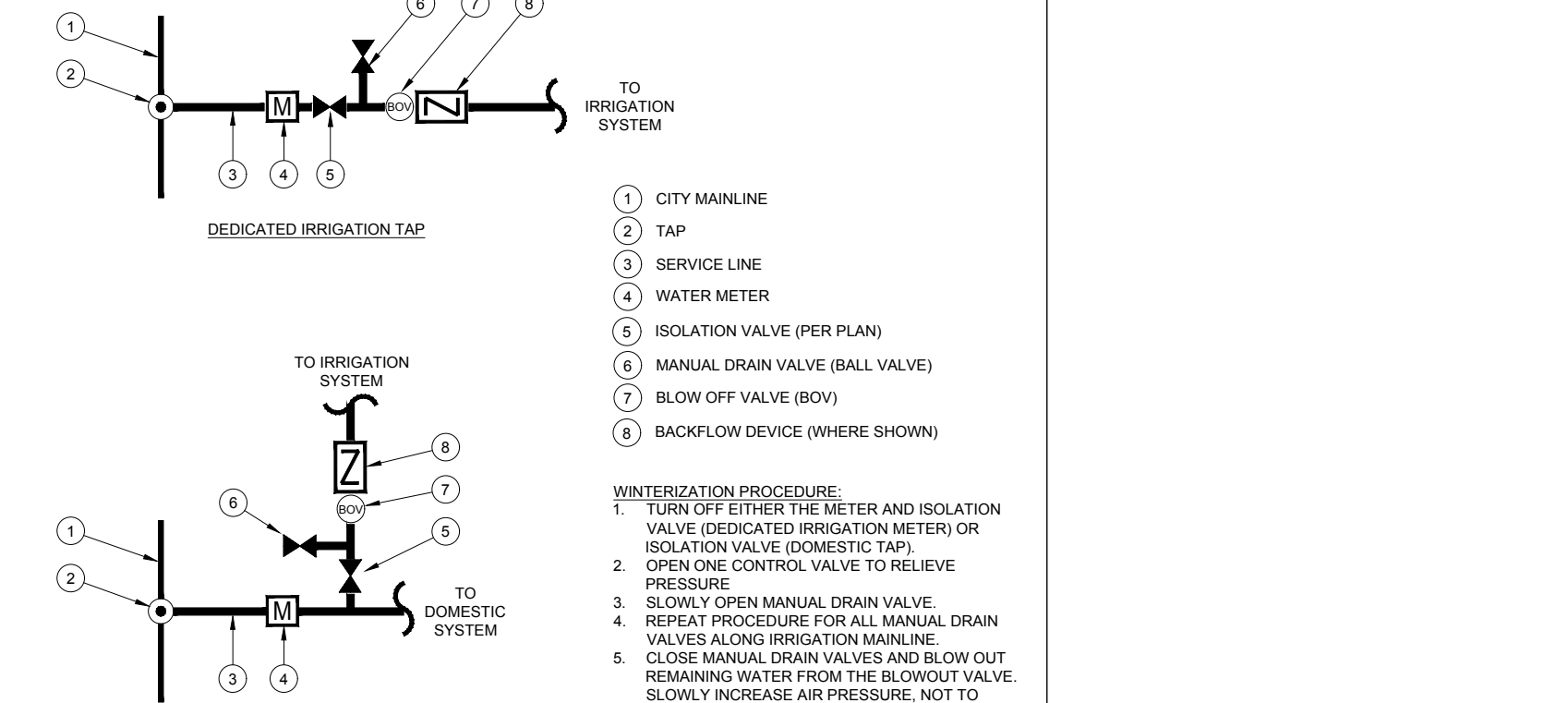
**TRENCHING** N.T.S.



**PIPE AND SLEEVE INSTALLATION** N.T.S.



**AUTOMATIC DRAIN VALVE** N.T.S.



**WATER TAP DIAGRAM** N.T.S.

DATE	REMARKS

CONTRACT DATE: 08.19.21  
 BUILDING TYPE: END.20  
 PLAN VERSION: DEC. 2021  
 BRAND DESIGNER:  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: RM  
 DRAWN BY.: KB  
 JOB NO.:

**TACO BELL**  
 5201 HAMLIN GROVE TRAIL  
 WINTER GARDEN, FL 34787



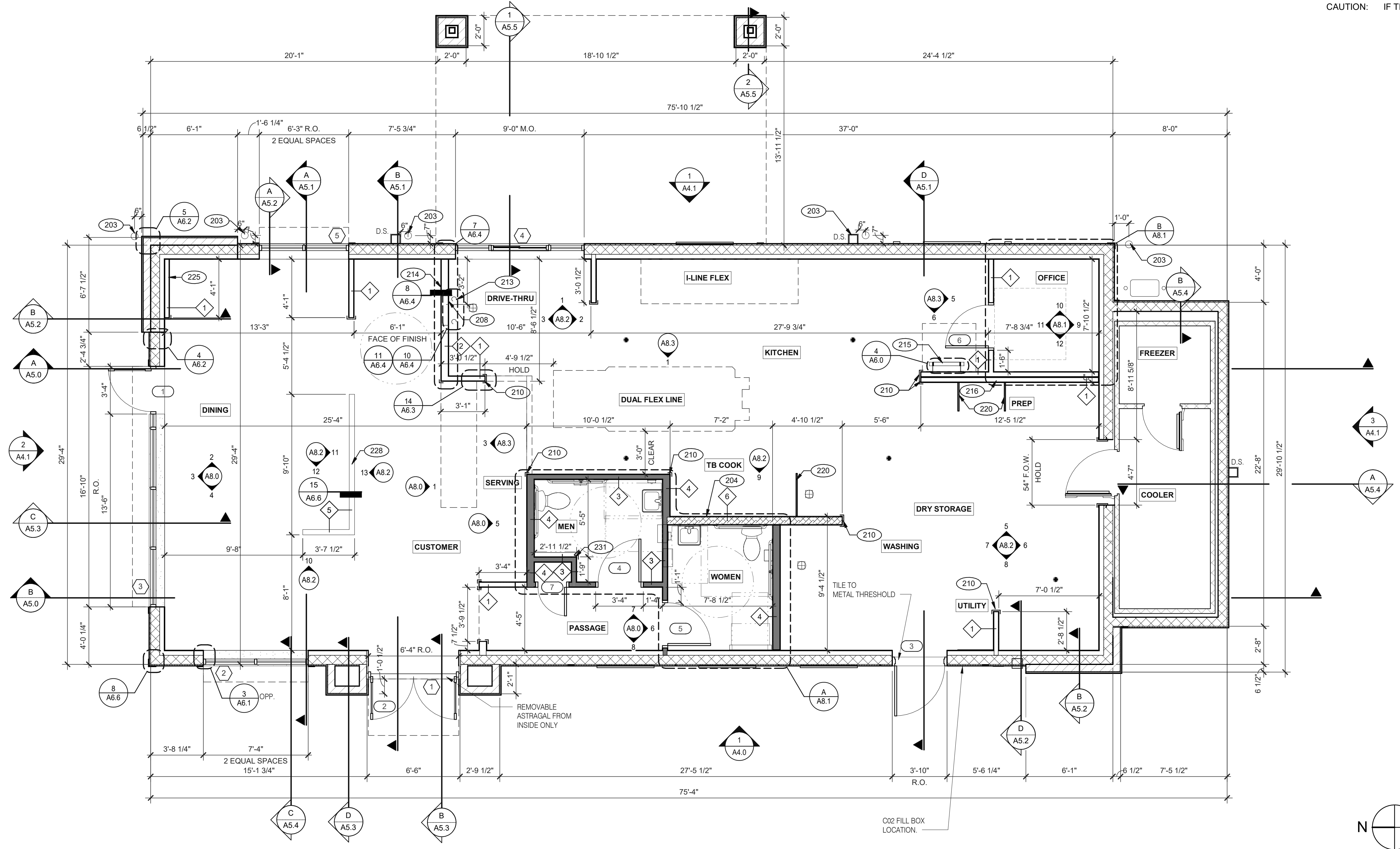
**ENDEAVOR 2.0**  
 IRRIGATION  
 DETAILS

**LI-2**



Mark S. Salopek, LLC

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



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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

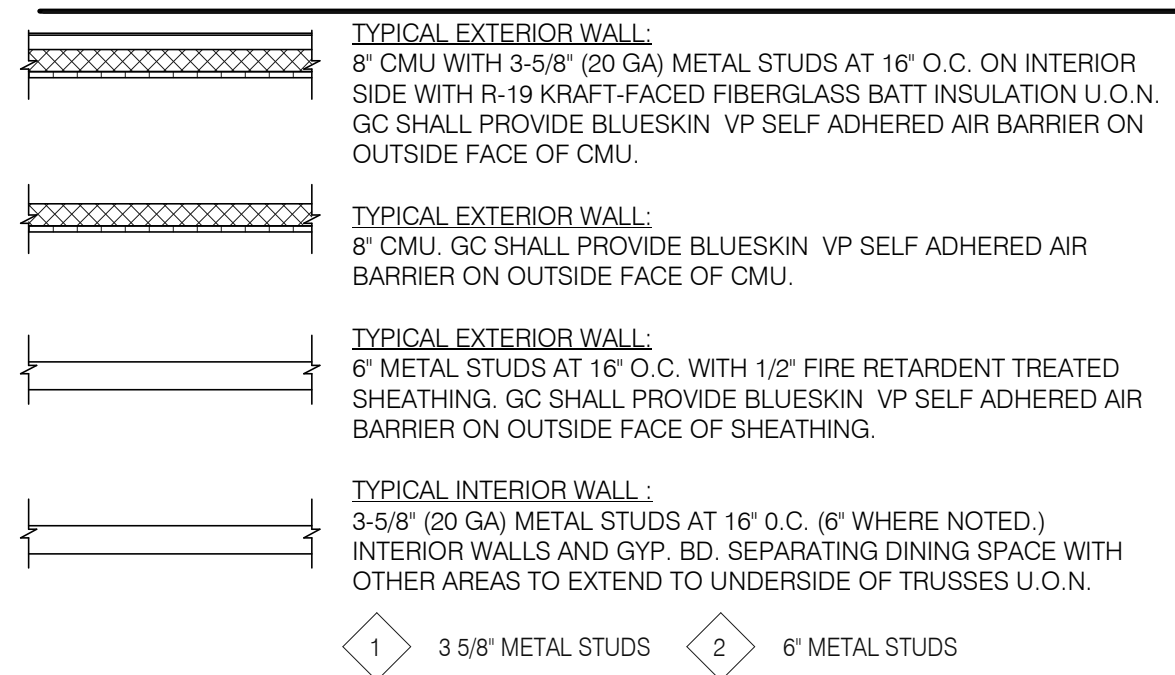
**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0 FLOOR PLAN**

**A1.0**

PLOT DATE: 9/7/2022 6:49:30 AM



**TYPICAL EXTERIOR WALL:**  
8" CMU WITH 3-5/8" (20 GA) METAL STUDS AT 16" O.C. ON INTERIOR SIDE WITH R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE BLUESKIN VP SELF ADHERED AIR BARRIER ON OUTSIDE FACE OF CMU.

**TYPICAL EXTERIOR WALL:**  
8" CMU. GC SHALL PROVIDE BLUESKIN VP SELF ADHERED AIR BARRIER ON OUTSIDE FACE OF CMU.

**TYPICAL EXTERIOR WALL:**  
6" METAL STUDS AT 16" O.C. WITH 1/2" FIRE RETARDENT TREATED SHEATHING. GC SHALL PROVIDE BLUESKIN VP SELF ADHERED AIR BARRIER ON OUTSIDE FACE OF SHEATHING.

**TYPICAL INTERIOR WALL:**  
3-5/8" (20 GA) METAL STUDS AT 16" O.C. (6" WHERE NOTED.) INTERIOR WALLS AND GYP. BD. SEPARATING DINING SPACE WITH OTHER AREAS TO EXTEND TO UNDERSIDE OF TRUSSES U.O.N.

**INTERIOR SOUND-RATED WALL:**  
TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED FIBERGLASS BATT INSULATION.  
3 3-5/8" METAL STUDS 4 6" METAL STUDS

**LOW WALL:**  
3-5/8" METAL STUDS AT 16" O.C. AS SCHEDULED (SEE DETAIL 15/A6.6)  
5 3-5/8" METAL STUDS

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

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

**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 INTERNATIONAL' APPROVED SEALANTS.  
C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE, U.O.N.

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

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

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 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. AT 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.

**WALL LEGEND** **E**

**FLOOR PLAN NOTES** **D**

**KEY NOTES** **B**

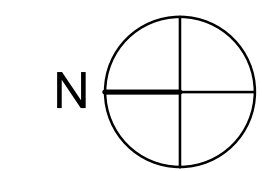
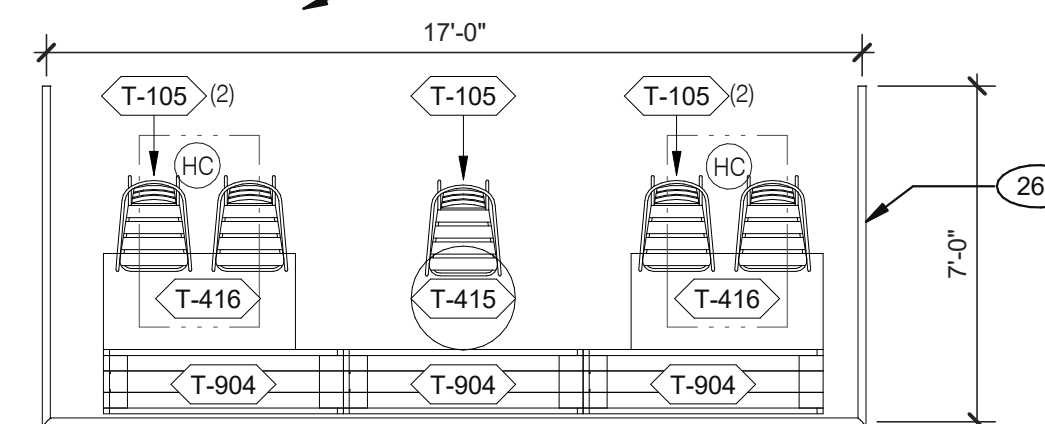
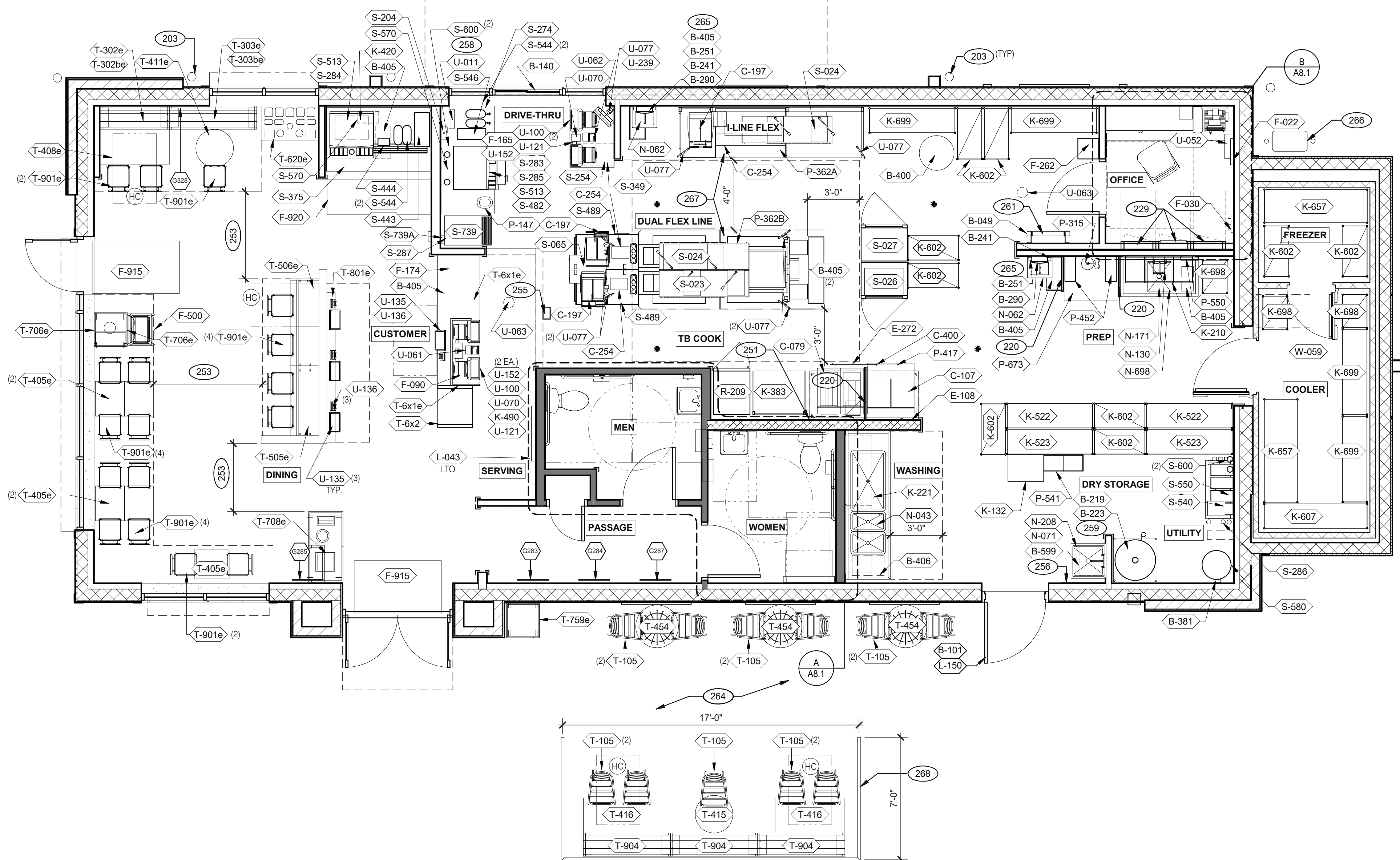
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Mark S. Salopek, LLC

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



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

TAG	QTY	ITEM DESCRIPTION
T-6x1e	1	GO MOBILE COUNTER
T-6x2	1	25in. TOGO Cubby
T-105	11	RETRO CHAIR - 18
T-302be	1	BENCH BACK REST - 60"
T-302e	1	BENCH SEAT - 48"
T-303be	1	BENCH BACK REST - 60"
T-303e	1	BENCH SEAT - 60"
T-405e	5	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP
T-408e	1	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-411e	1	SS TABLE - 24 DIA X 30 - 2 TOP
T-415	1	SS TABLE - 24 DIA X 30 - 2 TOP
T-416	2	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-454	3	INTERLACE DINING TABLE BY KIAN
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

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

TAG	QTY	ITEM DESCRIPTION
T-706e	1	WASTE ENCLOSURE - SINGLE
T-708e	1	WASTE ENCLOSURE - 3 STREAM
T-759e	1	WASTE ENCLOSURE - SINGLE
T-801e	1	KIOSK 1/2 TOWER
T-901e	17	CHAIR - LAMINATE SEAT
T-904	3	BENCH SEAT - 60"

QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
1	GM - LP MURAL	E	M01	CUSTOM	SEE A8.0
1	GM - CW	E	F01	28x40	SEE A8.0
1	GM - BELL	E	F02	28x40	SEE A8.0
1	GM - ORG	E	F01	28x40	SEE A8.0
1	GM - CW2	E	F01	28x40	SEE A8.0

**ARTWORK SCHEDULE D**

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

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

**SHELVING QUANTITIES C2**

- GENERAL NOTES C1**
- PIPE BOLLARD. SEE CIVIL DRAWINGS.
  - SPLASH GUARD. SEE DETAIL 9/A6.3.
  - ELECTRICAL PANELS.
  - HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
  - MAINTAIN 36" MIN. CLEAR ACCESSIBLE AISLE EGRESS PATHS TO EXIT DOORS, 32" AT DOORWAYS AND CASPED OPENINGS. (42" AISLE REQUIRED WHEN AISLE SERVES MORE THAN 50 SEATS).
  - ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
  - PULL STATION @ 3'-8" A.F.F.
  - COORDINATE LOCATION OF HORIZONTAL PVC SYRUP CHASE THRU WALL TO COUNTER.
  - 6" HIGH WATER HEATER PLATFORM.
  - ROOF LADDER WITH BILCO LADDER UP SAFETY POST.
  - LOCATE PATIO PER CIVIL DRAWINGS.
  - AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
  - GAS METER.
  - FOR DUAL-FLEX LINE AND I-FLEX LINE SUB-EQUIPMENT SEE SHEET A8.3.
  - WROUGHT IRON FENCING BY G.C.

**KEY NOTES B**

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0  
EQUIPMENT  
AND SEATING  
PLAN**

**A2.0**

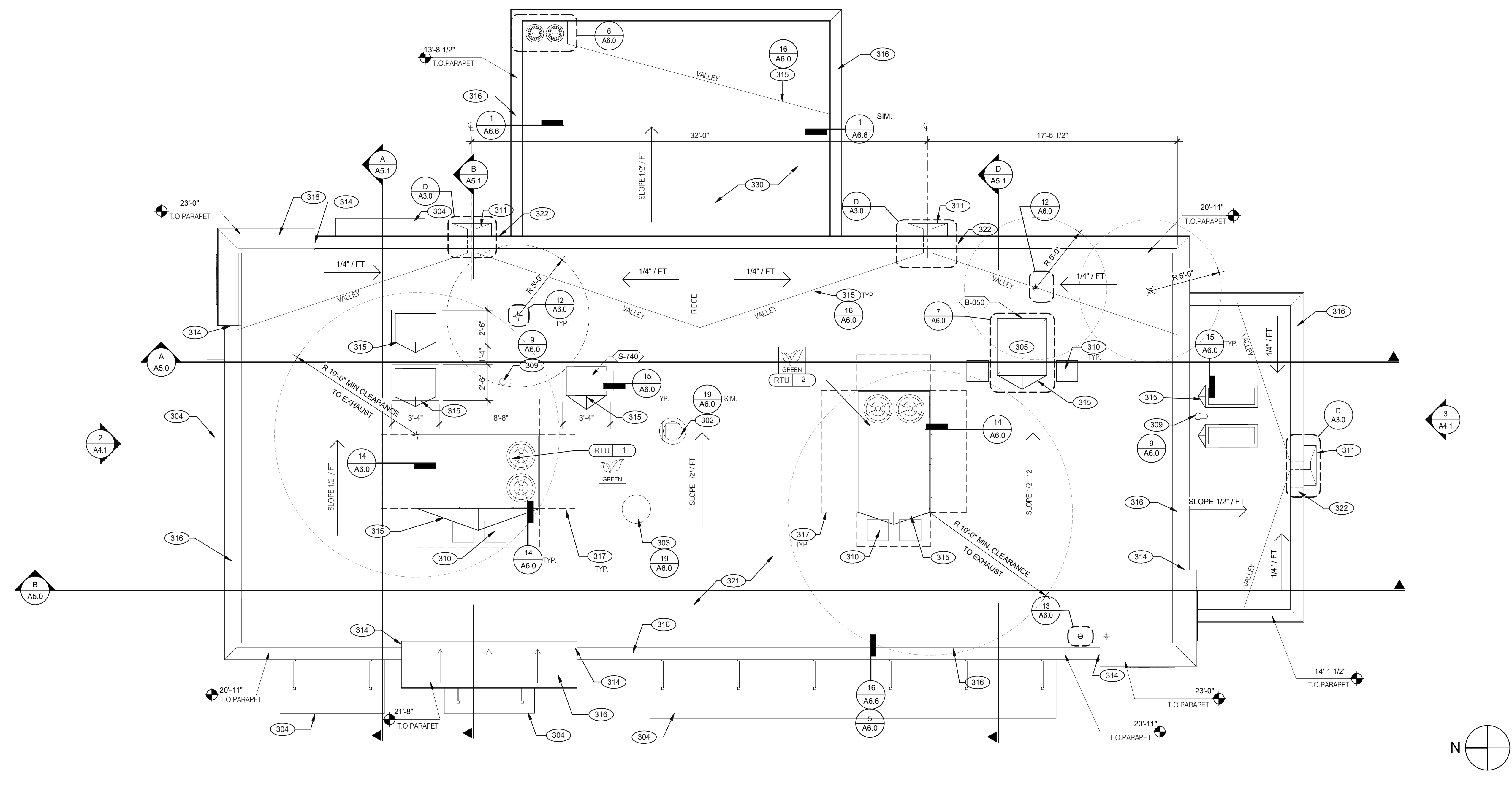
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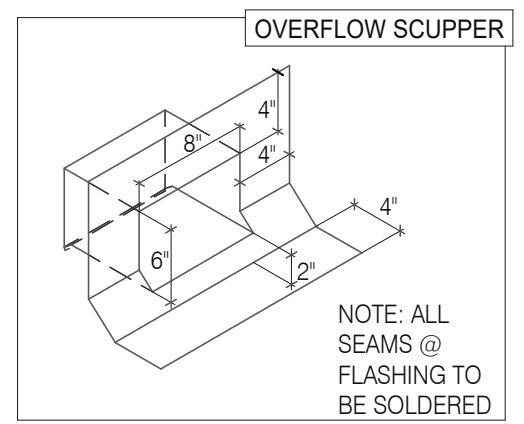
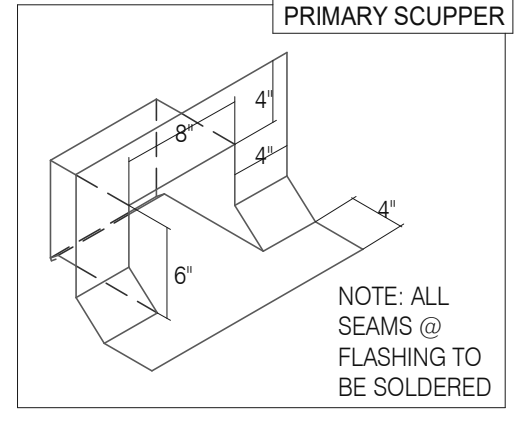
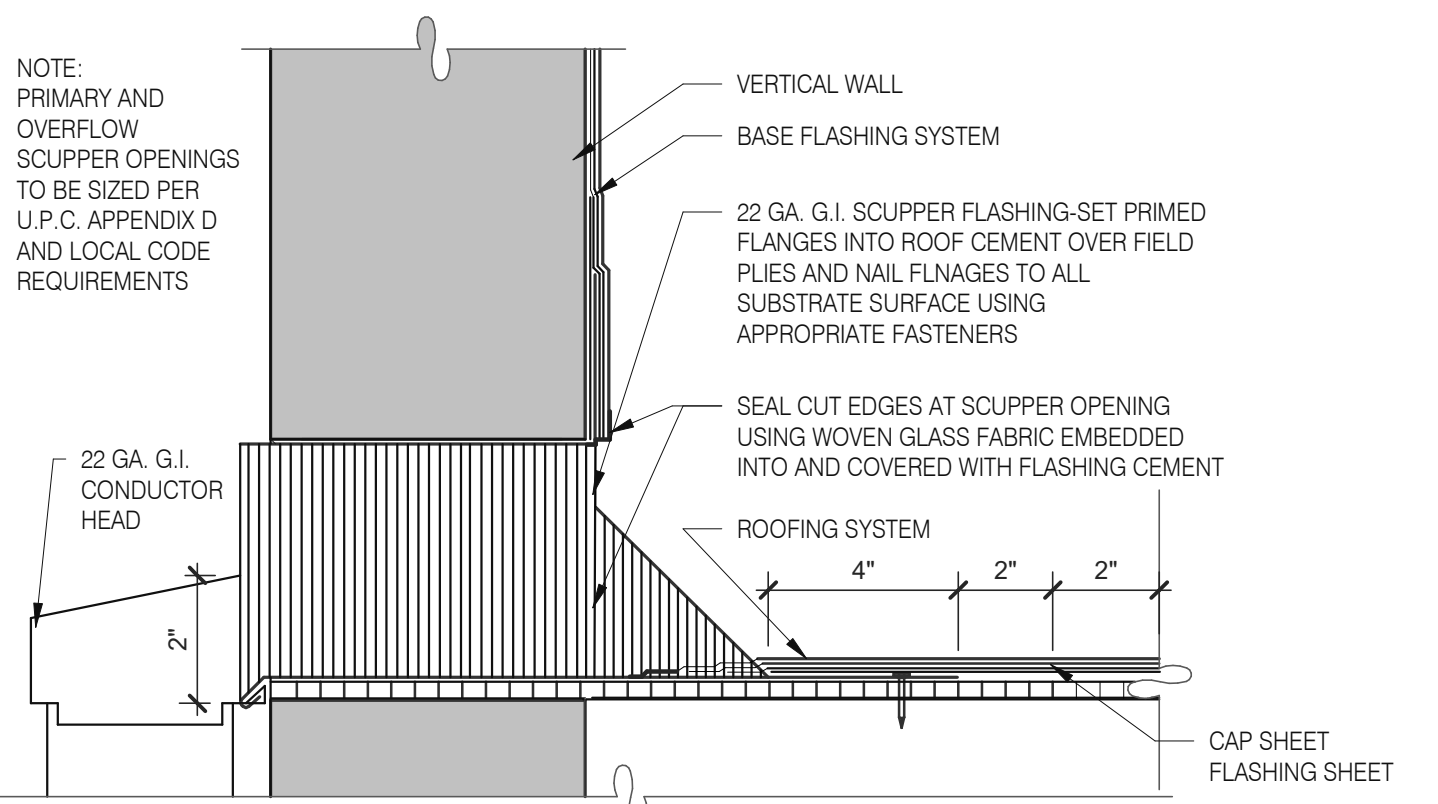
3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
330.572.2112 FAX: 330.572.2102



DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
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PA/PM: SM  
DRAWN BY: RS  
JOB NO.: 2021088.17

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.
- 330 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER 1/2" COVER BOARD OVER METAL DECKING. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

KEY NOTES B

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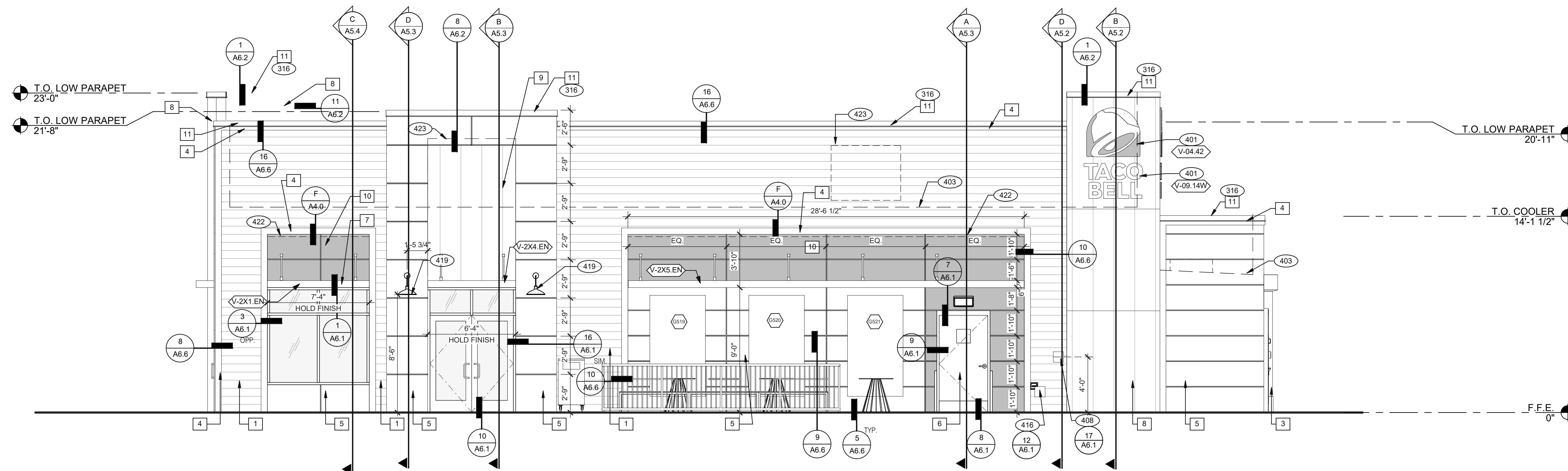
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ROOF PLAN

A3.0

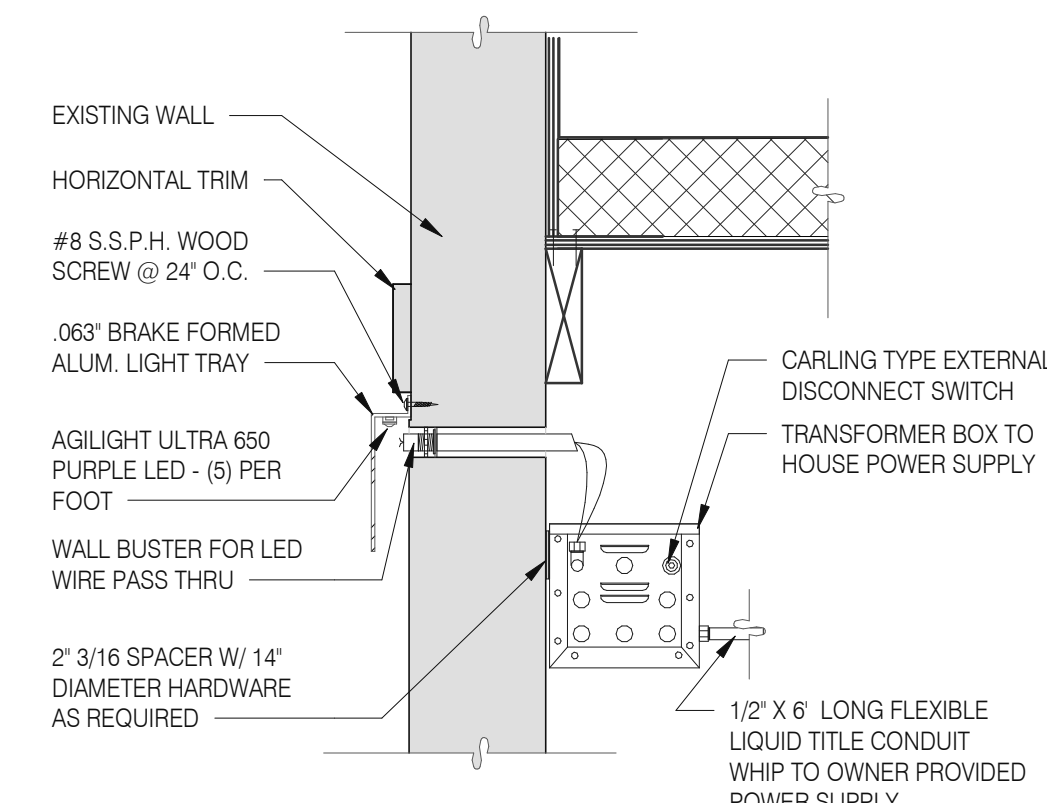
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FRONT ELEVATION 1/4" = 1'-0" 1



LED WALL WASHER DETAIL F

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
<b>TOWER</b>			
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
<b>AWNING</b>			
V-2X1.EN	1	SIDE ENTRY EYEBROW (WINDOW) 7' 3" L X 6" H X 3' 0" D, BLACK	A4.0
V-2X2.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

QTY.	NAME	FAMILY	SIZE	LOCATION
CS19	GM - BLUE	E	M02 48x96	SEE A4.1
CS20	GM - BELL	E	M02 48x96	SEE A4.1
CS21	GM - ORG	E	M02 48x96	SEE A4.1
CS23	GM - SKIP THE LINE	E	M02 48x96	SEE A4.1
CS24	GM - ORDER AHEAD	E	M02 48x96	SEE A4.1

EXTERIOR ARTWORK SCHEDULE 1" = 1'-0" G

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

PAINT NOTES A

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144" L X 8 25" W, 7" EXPOSURE COMES PRIMED FOR PAINT	WORLDLY GRAY (SW7043), SEMI-GLOSS	SEE C / A 7.2
2	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
3	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
4	HARDIE TRIM	JAMES HARDIE	HARDIE TRIM 5/4 SMOOTH 1"x5.5"	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
5	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
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.
- 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.

KEY NOTES B

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STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY: RS  
JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



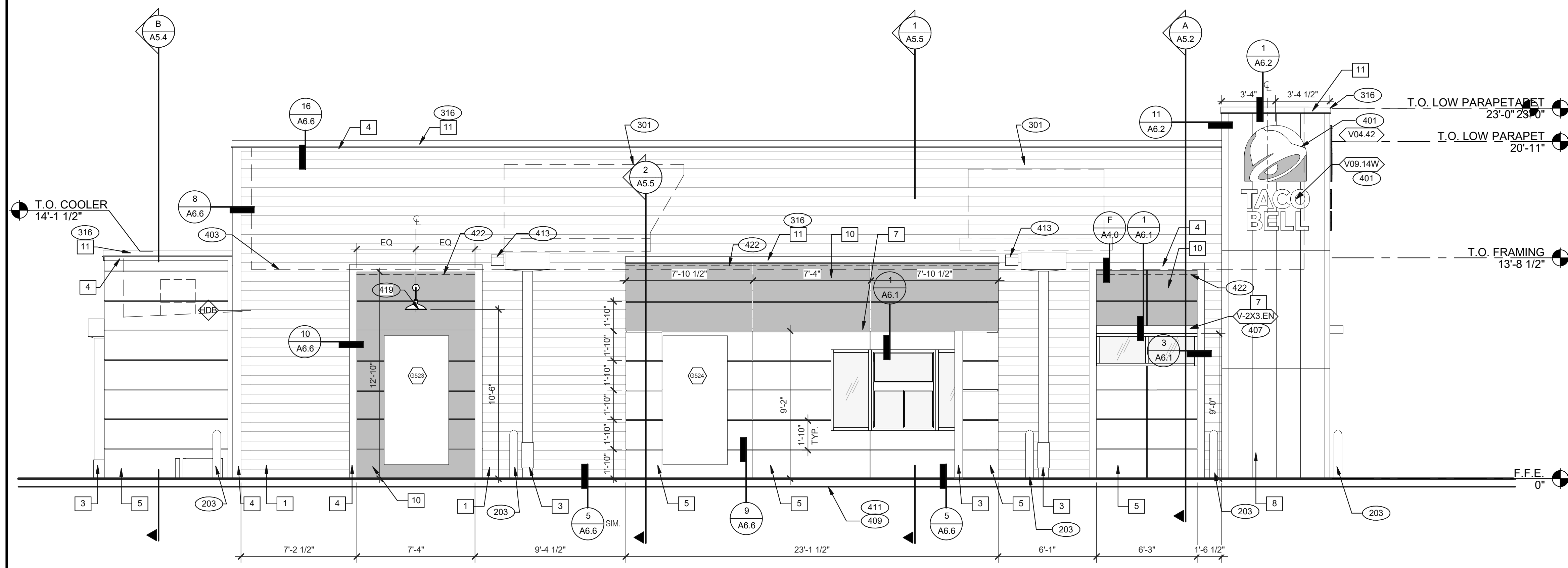
ENDEAVOR 2.0  
EXTERIOR  
ELEVATIONS

A4.0

PLOT DATE: 9/7/2022 6:49:46 AM

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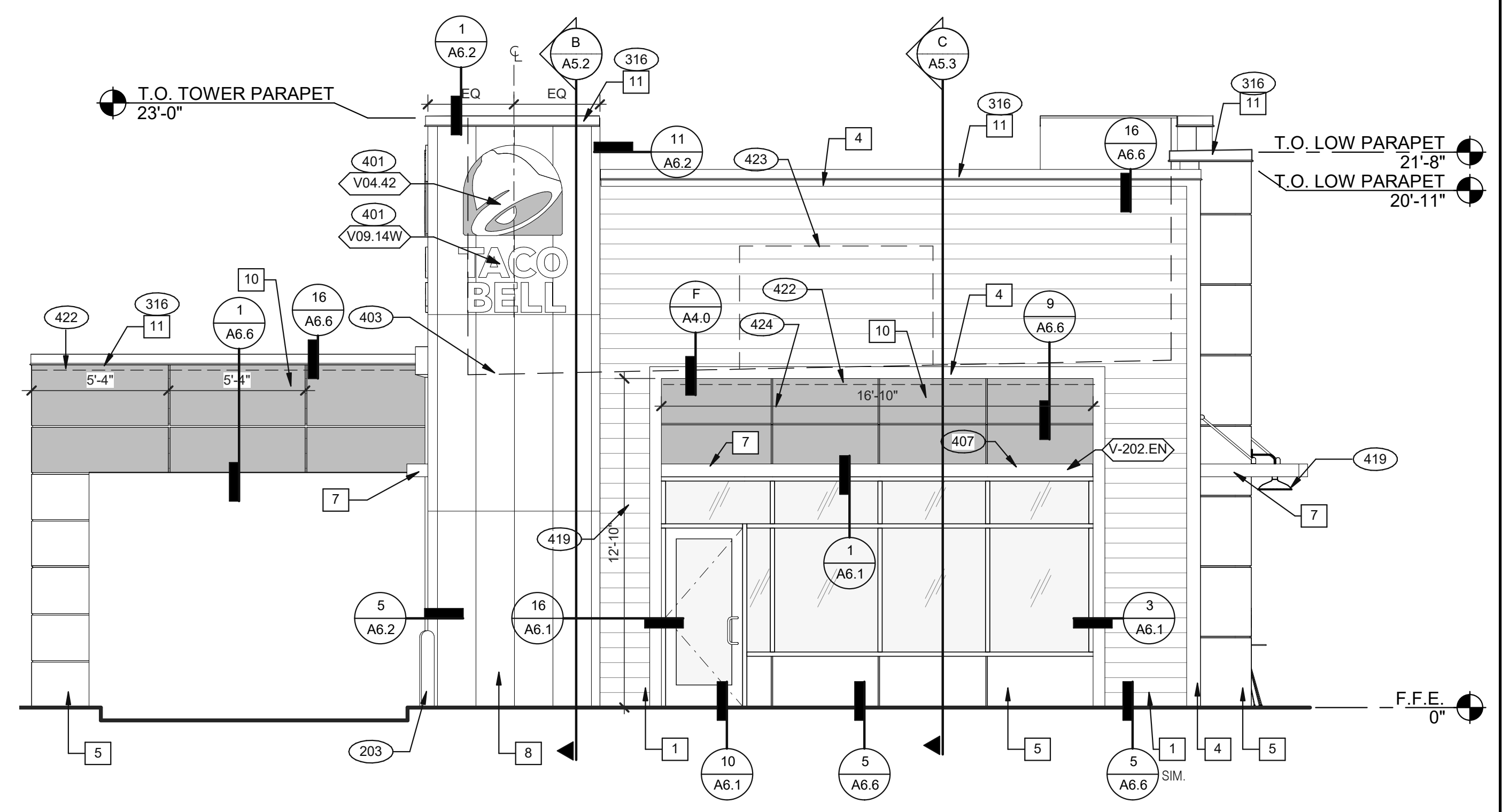


SEE SHEET A4.0 FOR FINISH SCHEDULE

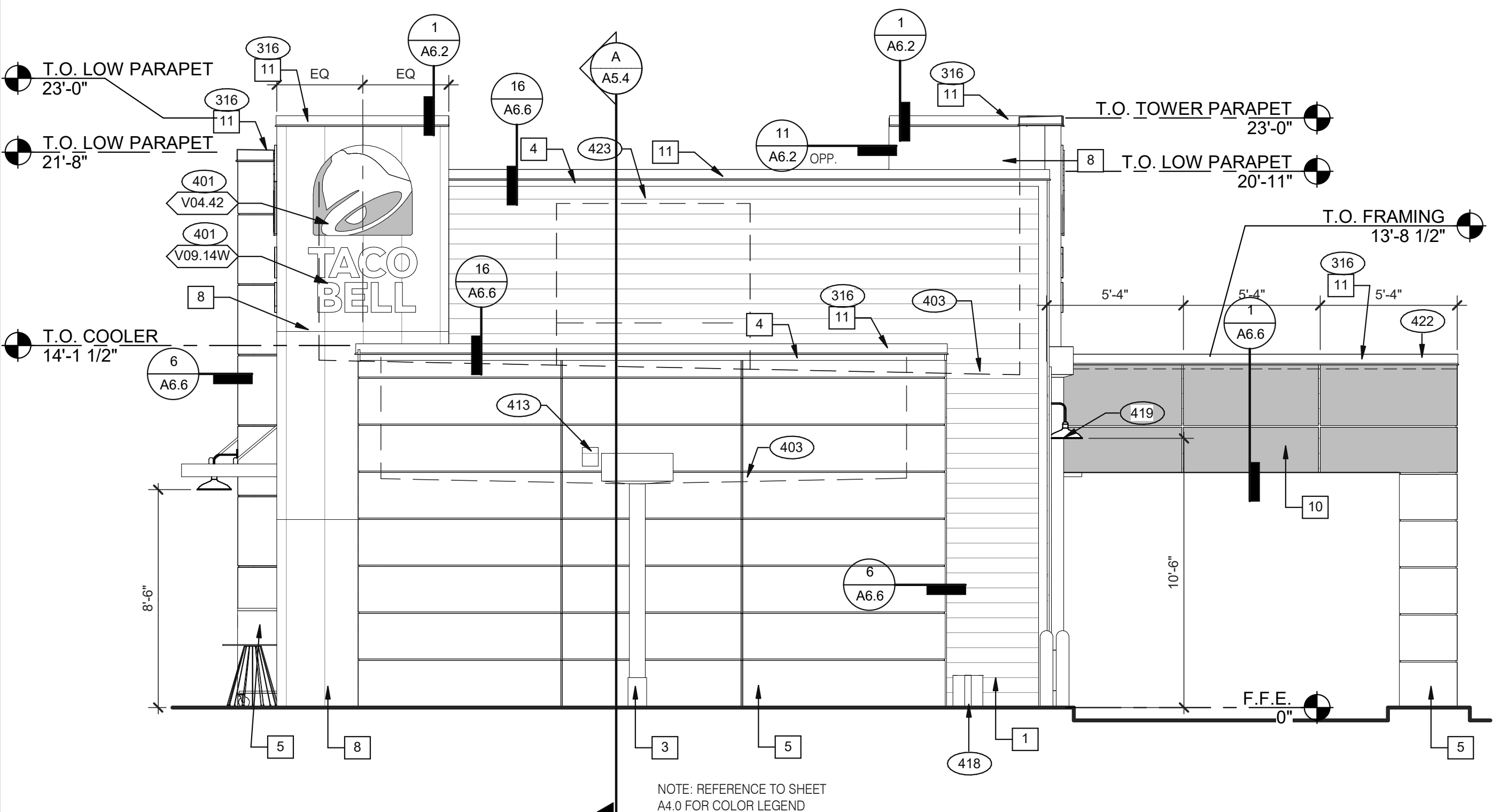
- 203 PIPE BOLLARD. SEE CIVIL DRAWINGS.
- 301 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL. SEE MECHANICAL DRAWINGS
- 316 METAL PARAPET CAP.
- 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL. SEE ELECTRICAL PLANS.
- 403 DASHED LINE INDICATES ROOF BEYOND.
- 407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL. 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.
- 423 OUTLINE OF RTU BEYOND.
- 424 ALIGN REVEAL WITH VERTICAL MULLION.

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
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 JOB NO.: 2021088.17

**TACO BELL**  
 5201 HAMLIN GROVES TRAIL  
 WINTER GARDEN, FL 34787



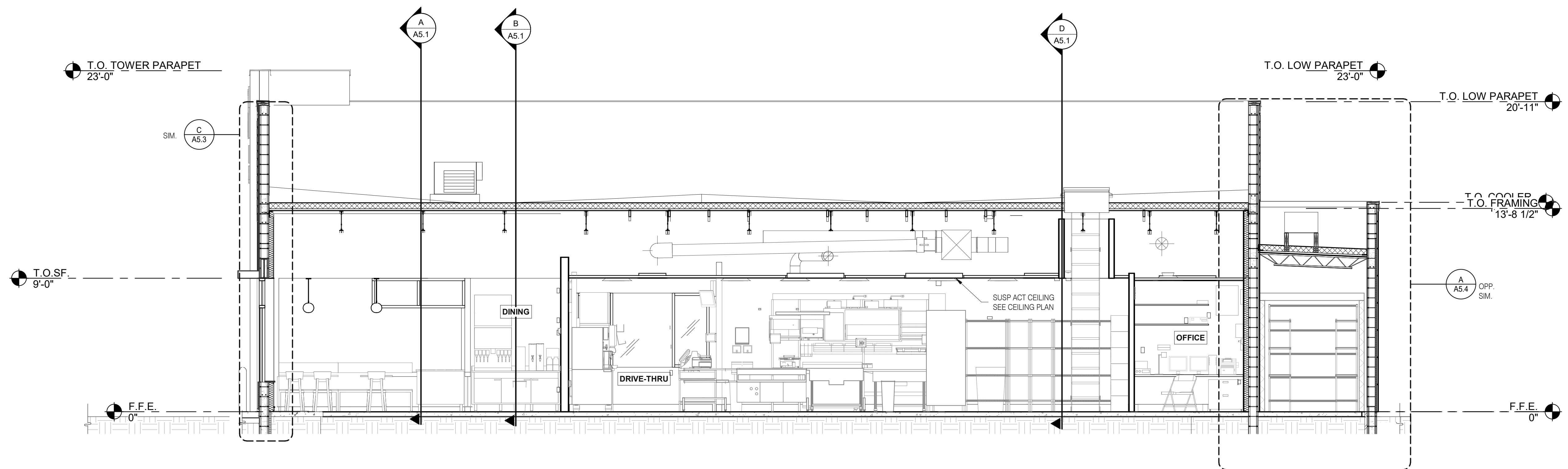
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 EXTERIOR  
 ELEVATIONS

**A4.1**

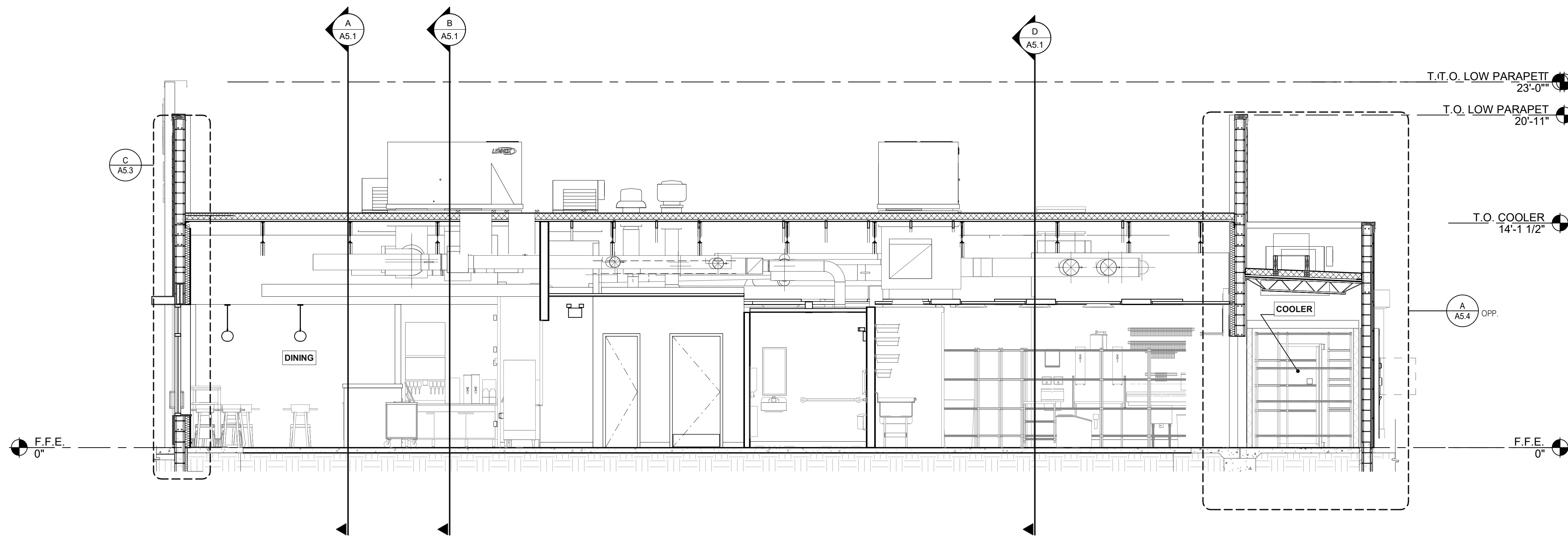
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3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
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**EAST/WEST BUILDING SECTION 1/4" = 1'-0" A**



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

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DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

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WINTER GARDEN, FL 34787



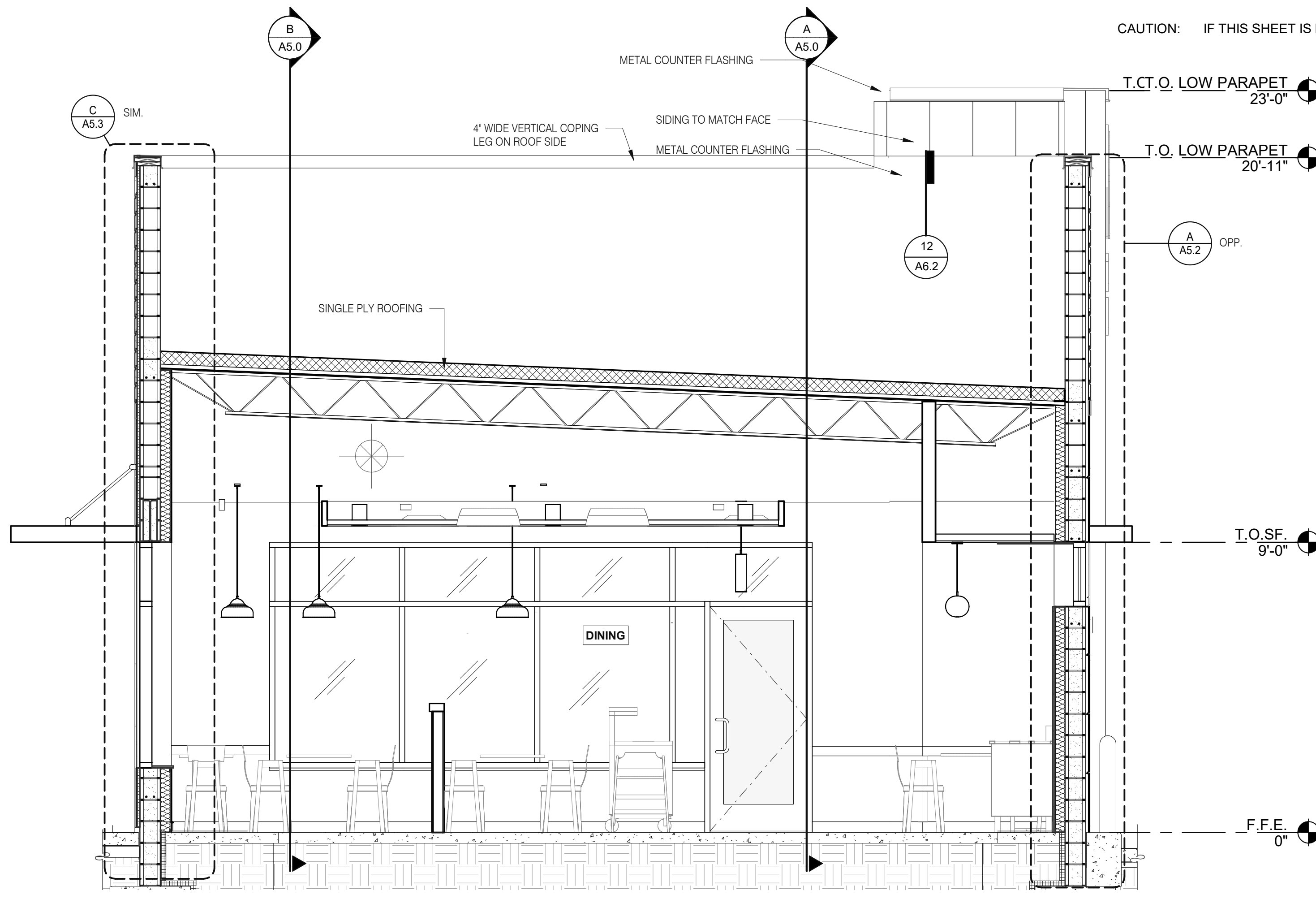
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**BUILDING SECTIONS**

**A5.0**

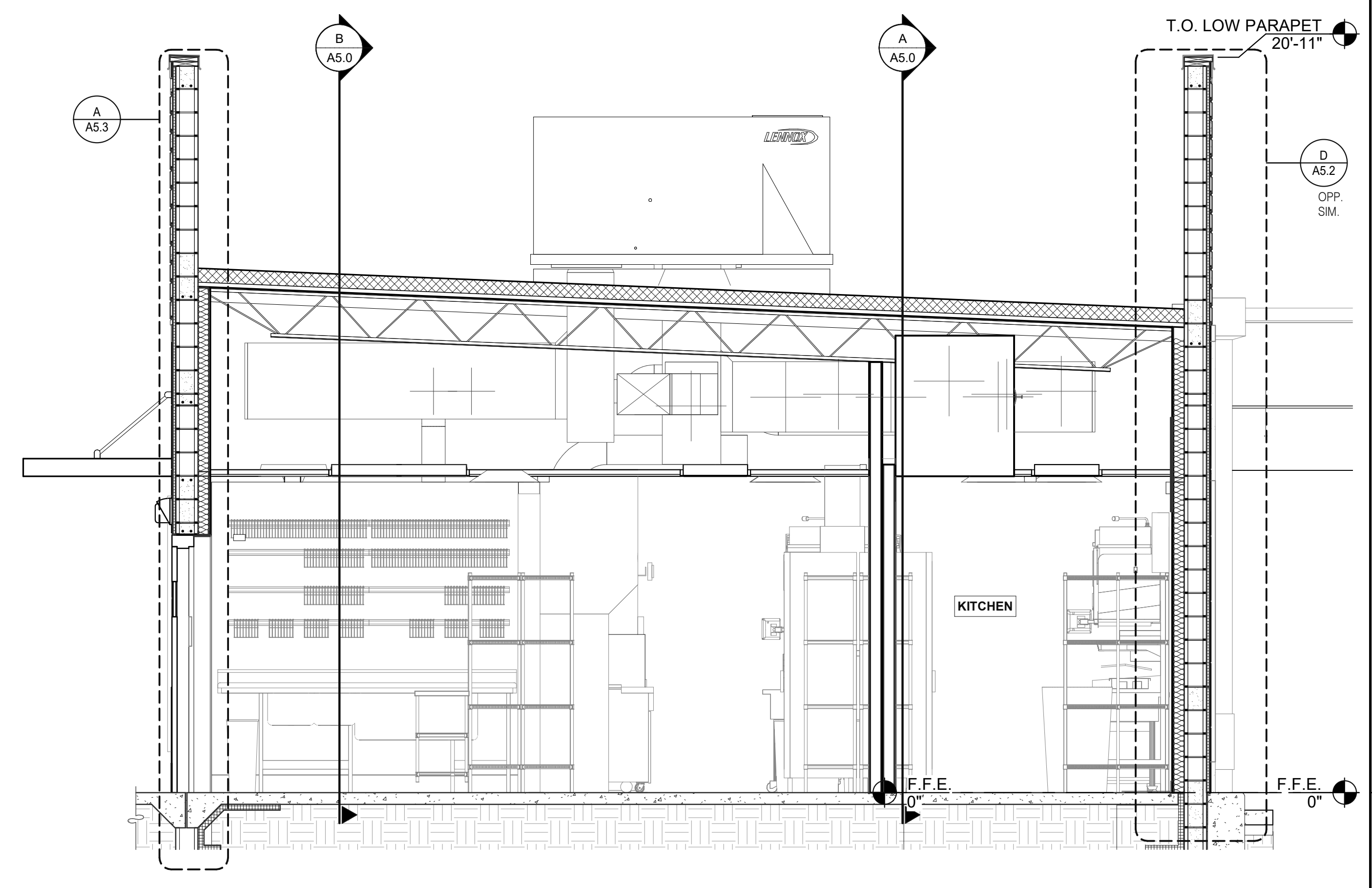
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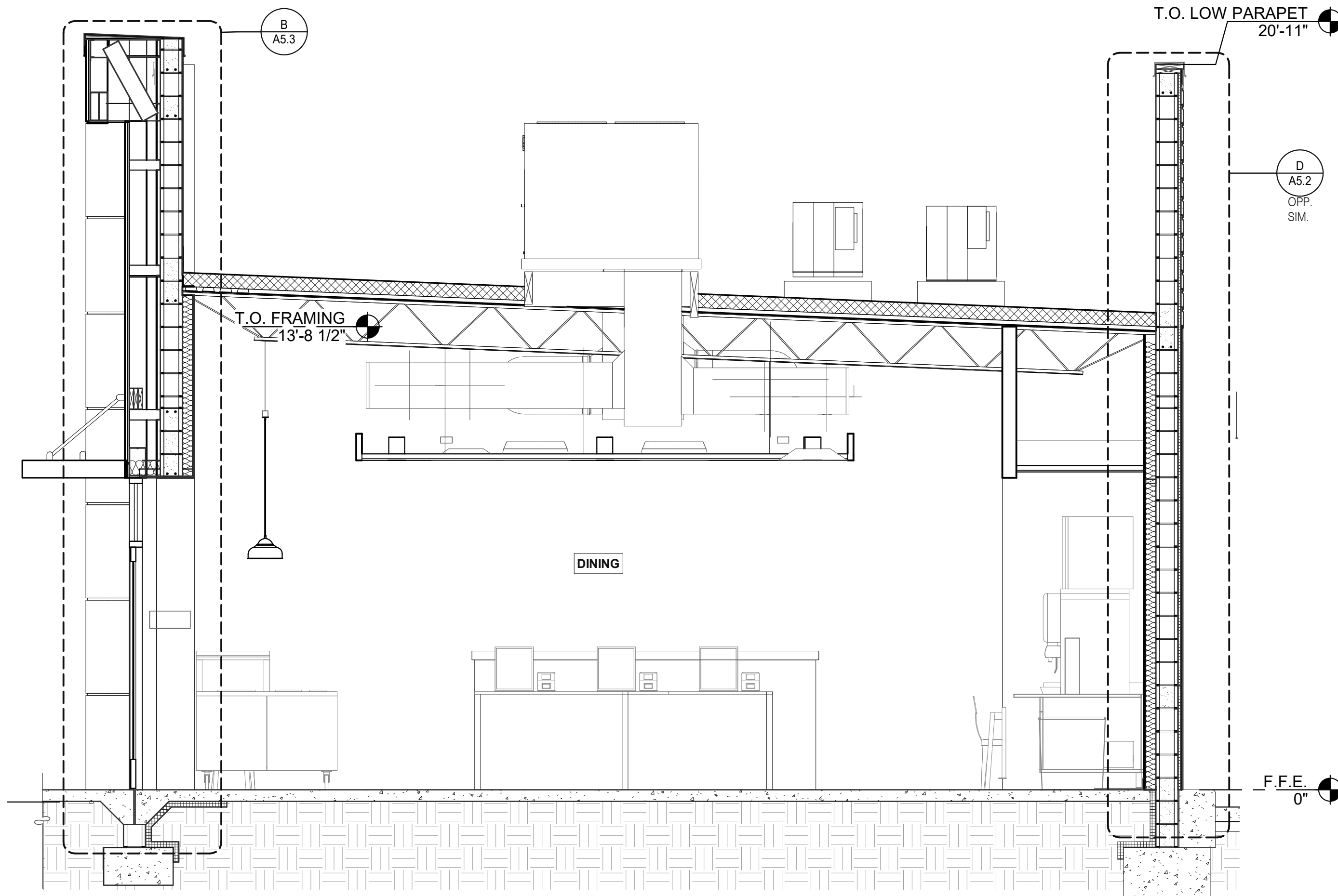
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330.572.2112 FAX: 330.572.2102



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



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



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

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ENDEAVOR 2.0  
BUILDING  
SECTIONS

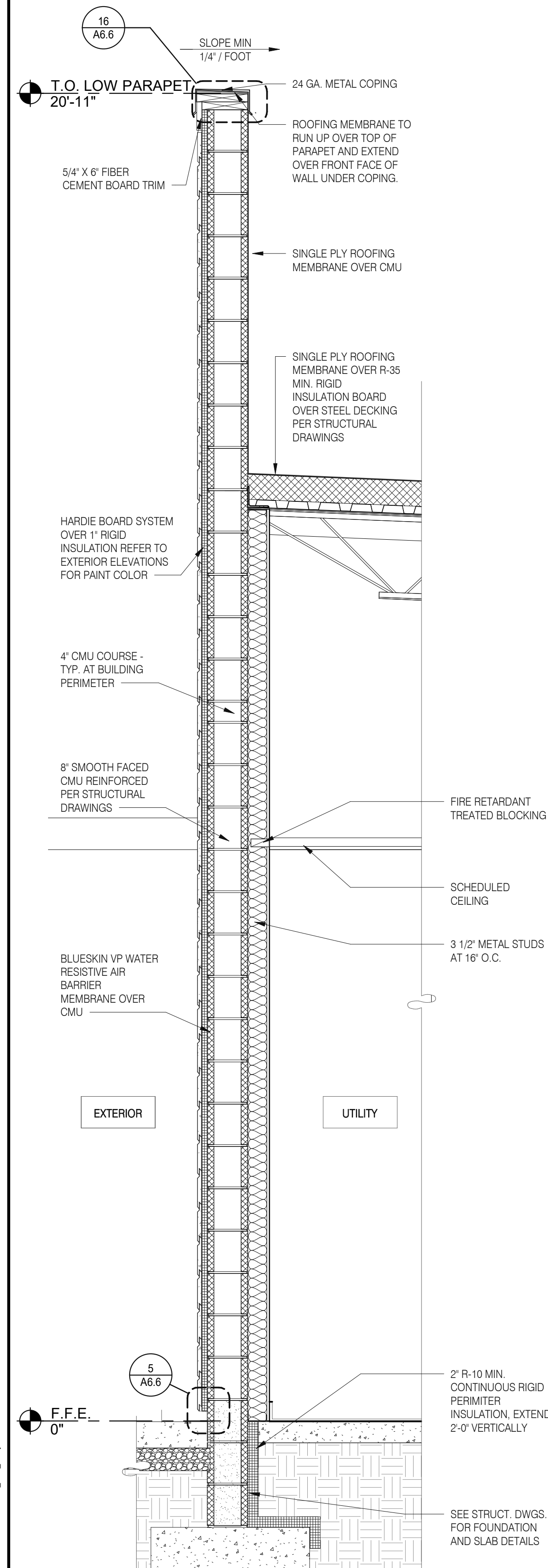
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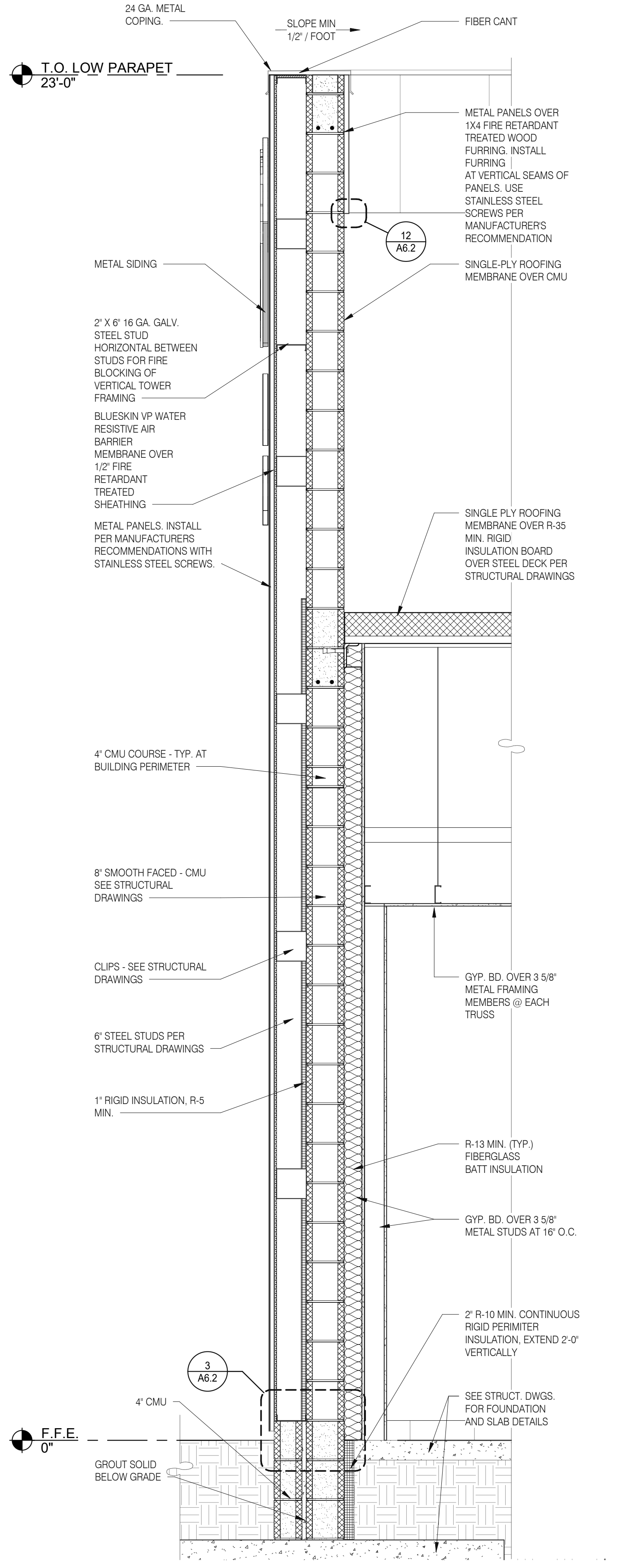


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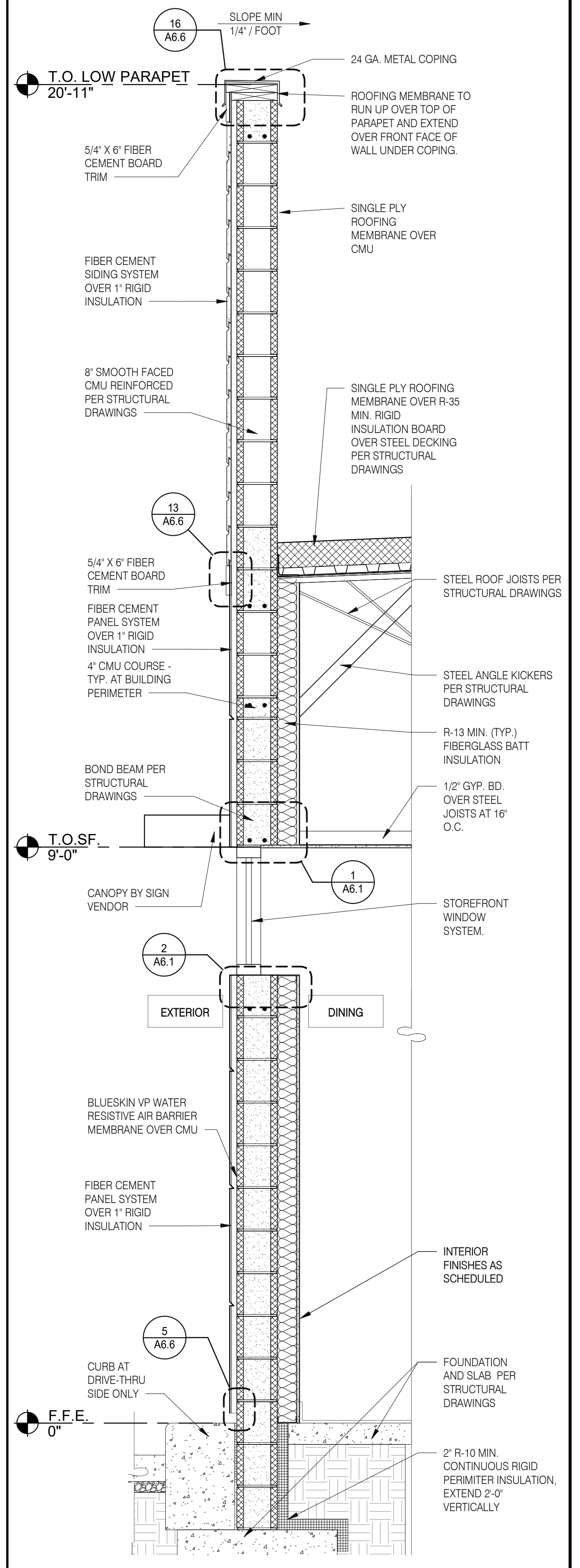
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**TYPICAL WALL SECTION 3/4" = 1'-0" D**



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



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

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WINTER GARDEN, FL 34787



**ENDEAVOR 2.0 WALL SECTIONS**

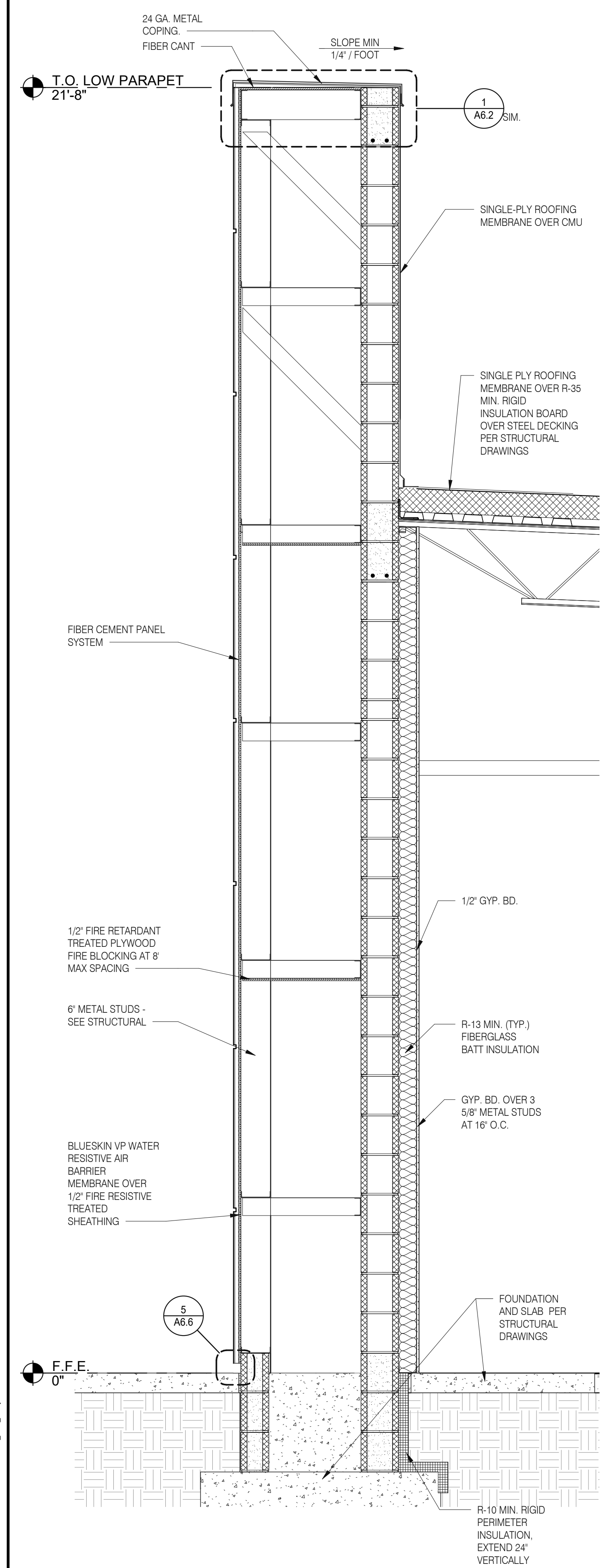
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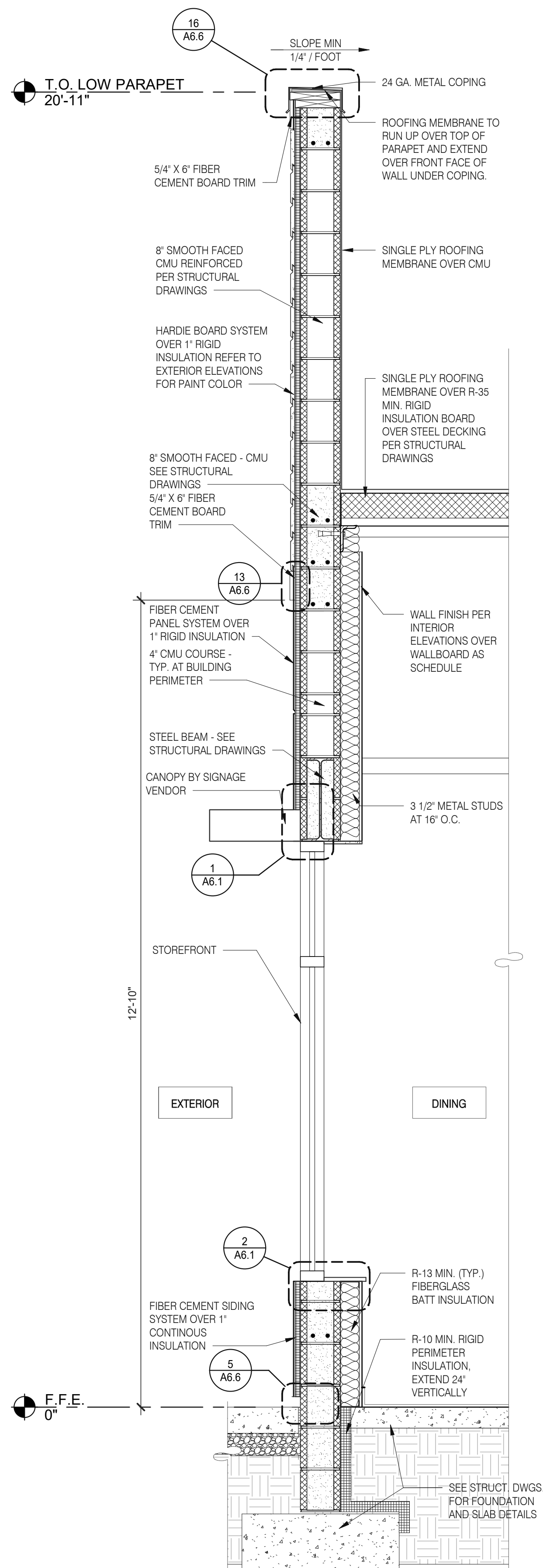
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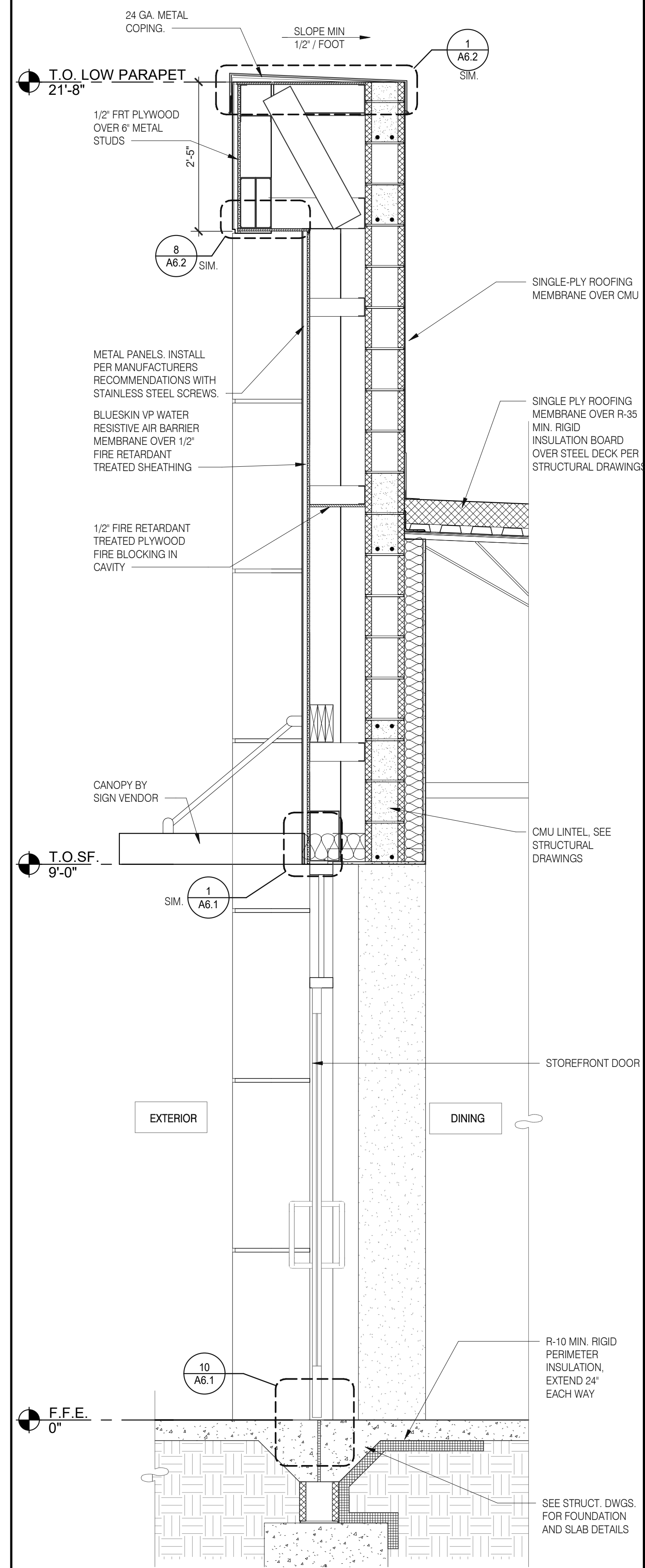
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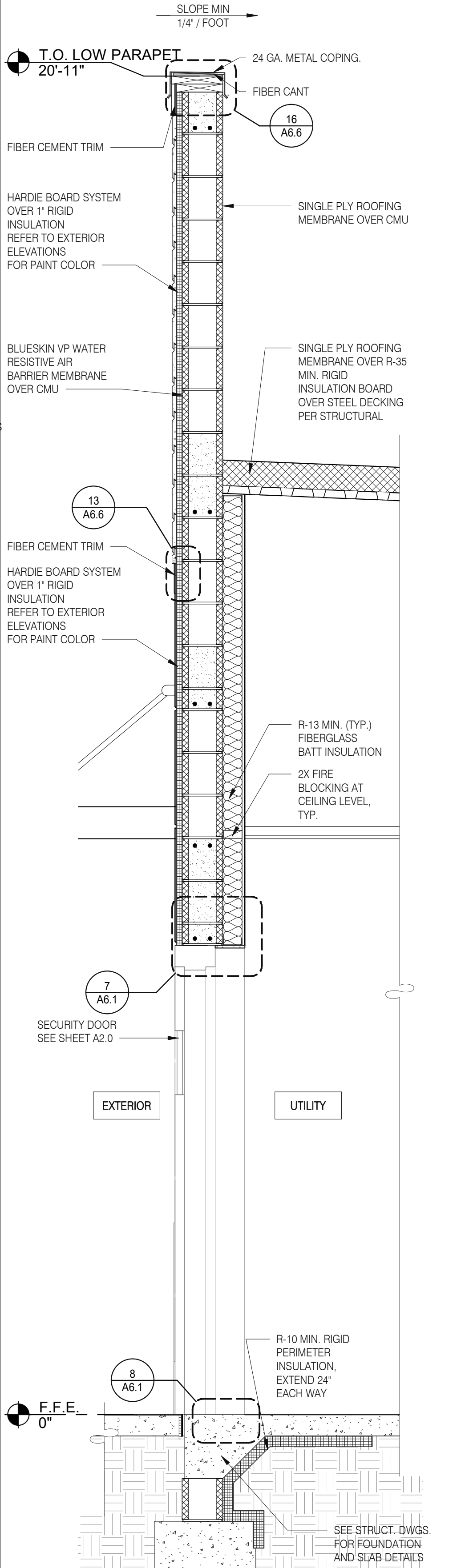
**FRONT WALL SECTION 3/4" = 1'-0" D**



**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**

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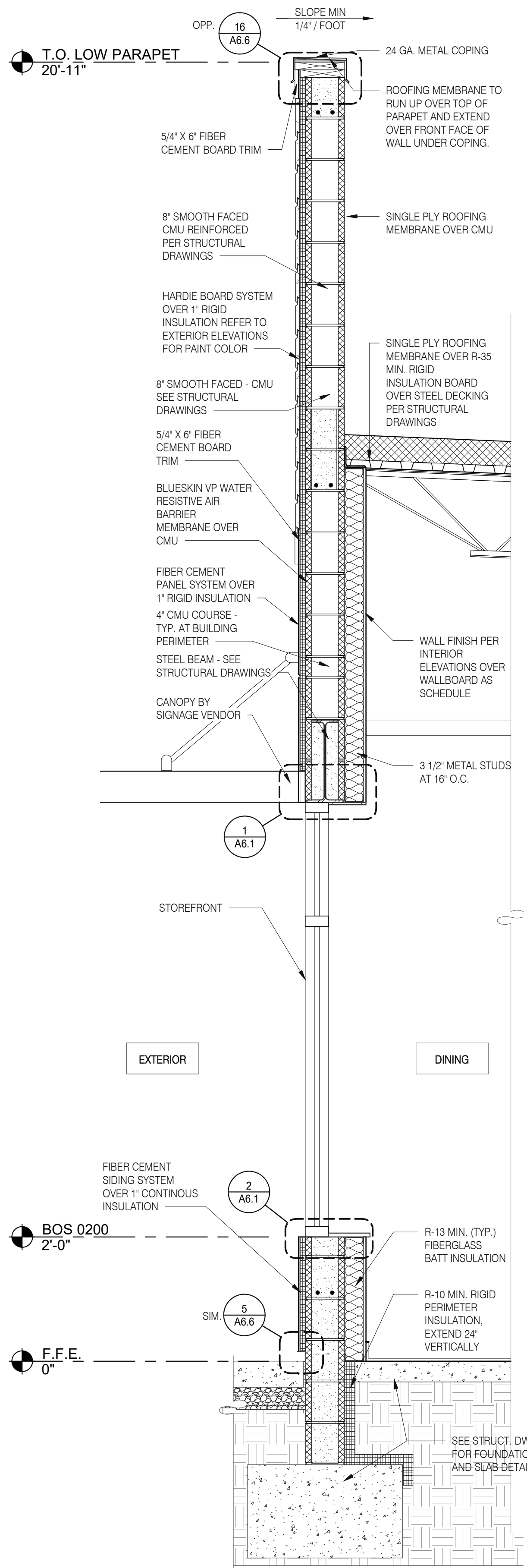
**TACO BELL**

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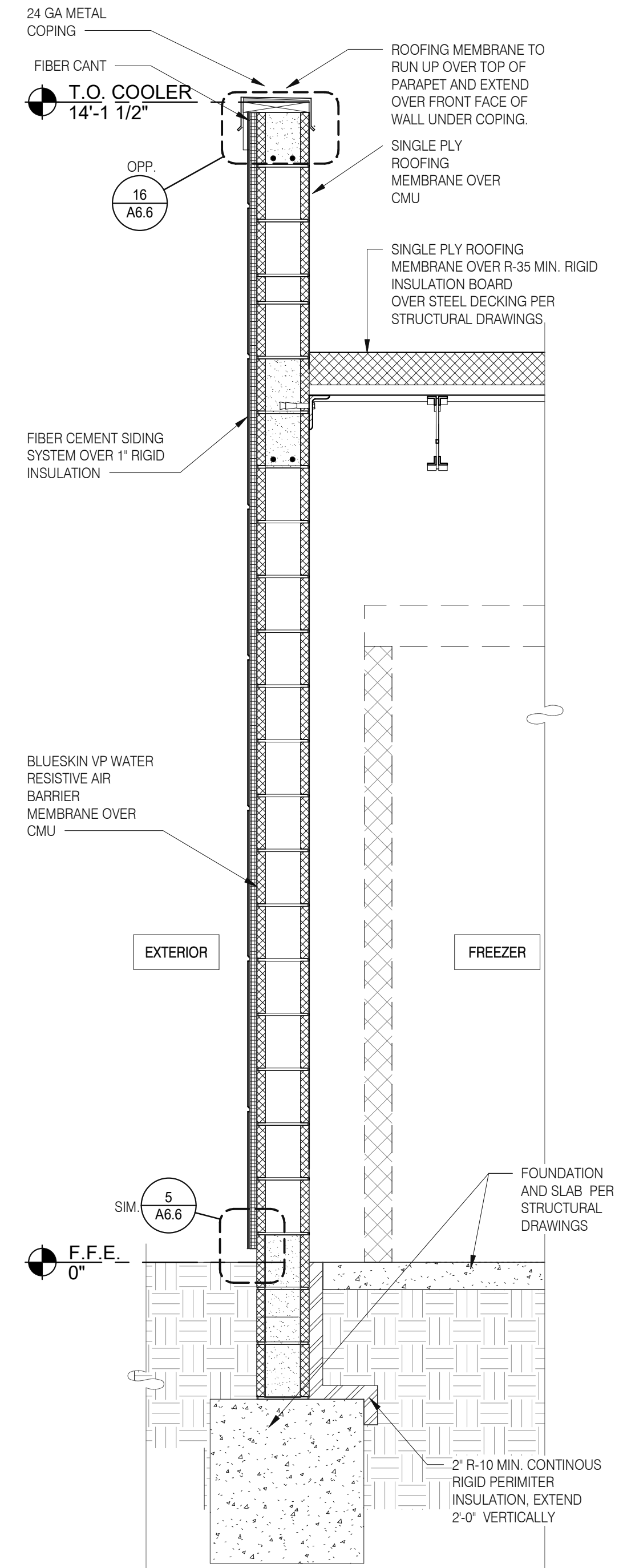


**ENDEAVOR 2.0  
WALL  
SECTIONS**

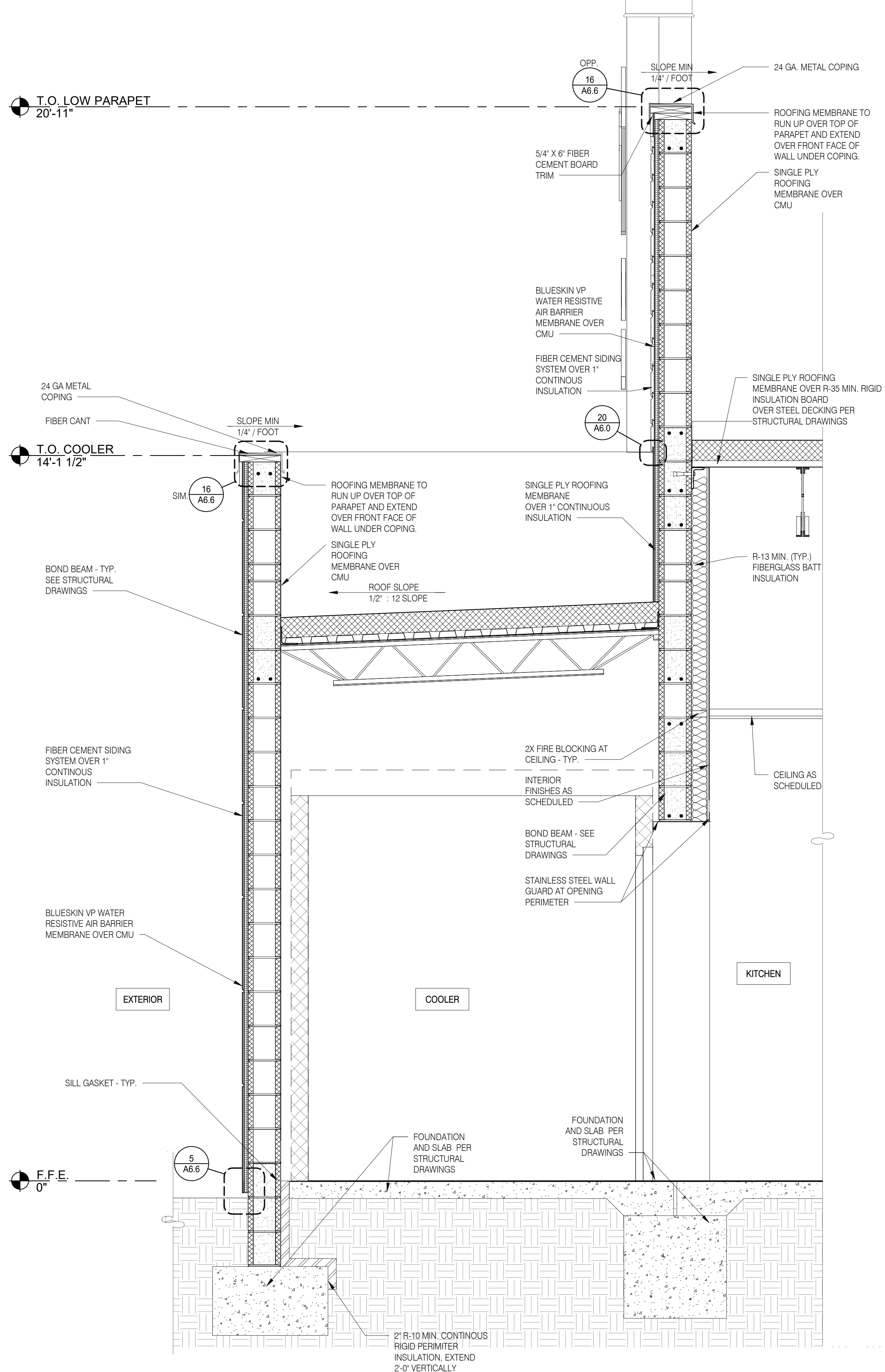
**A5.3**



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



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



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

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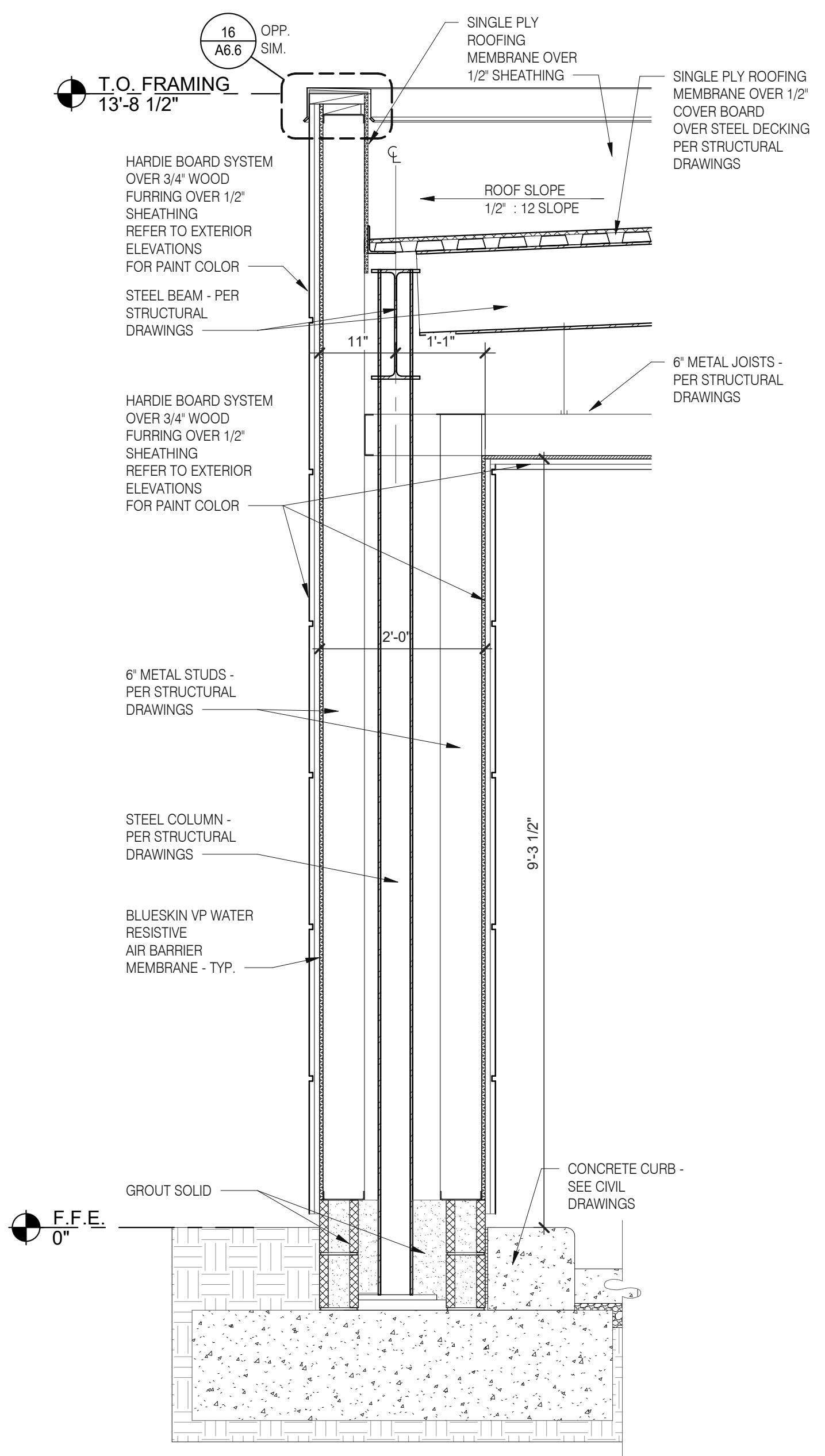
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 WALL  
 SECTIONS

A5.4

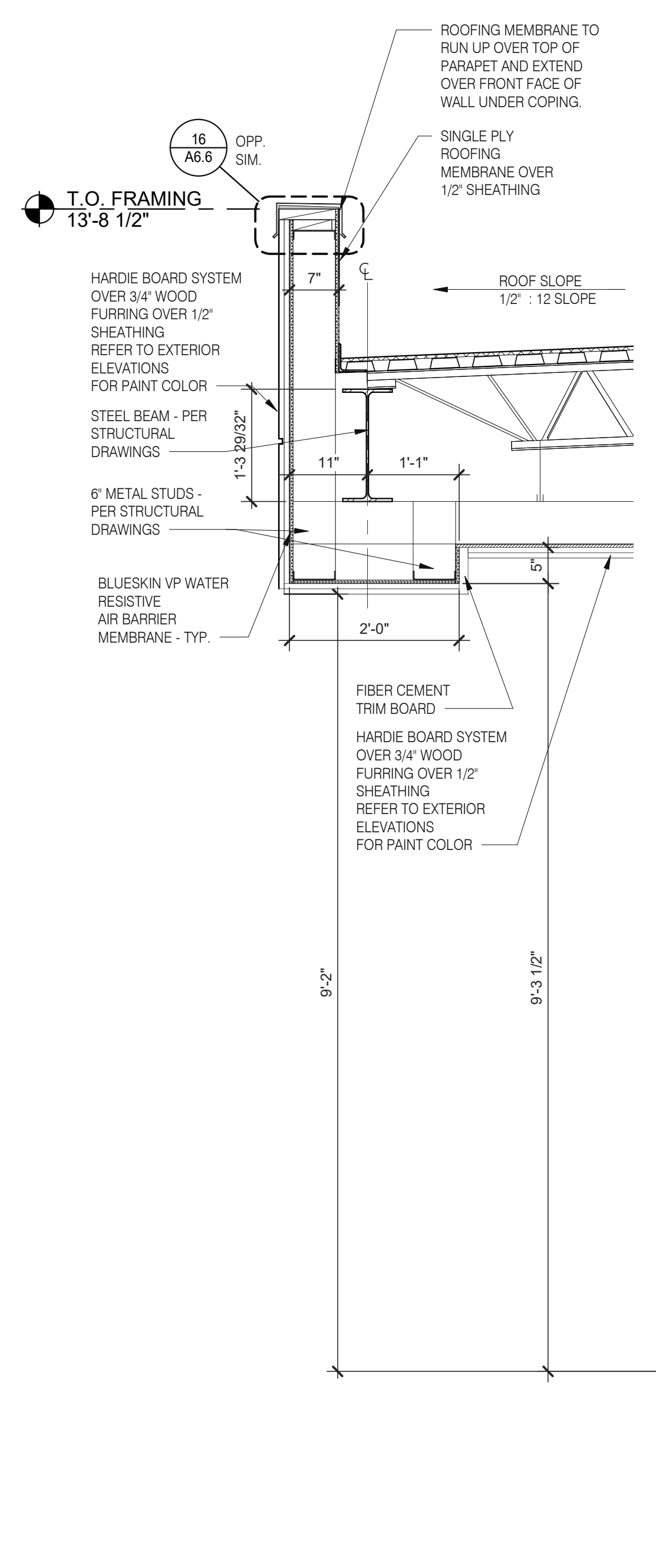
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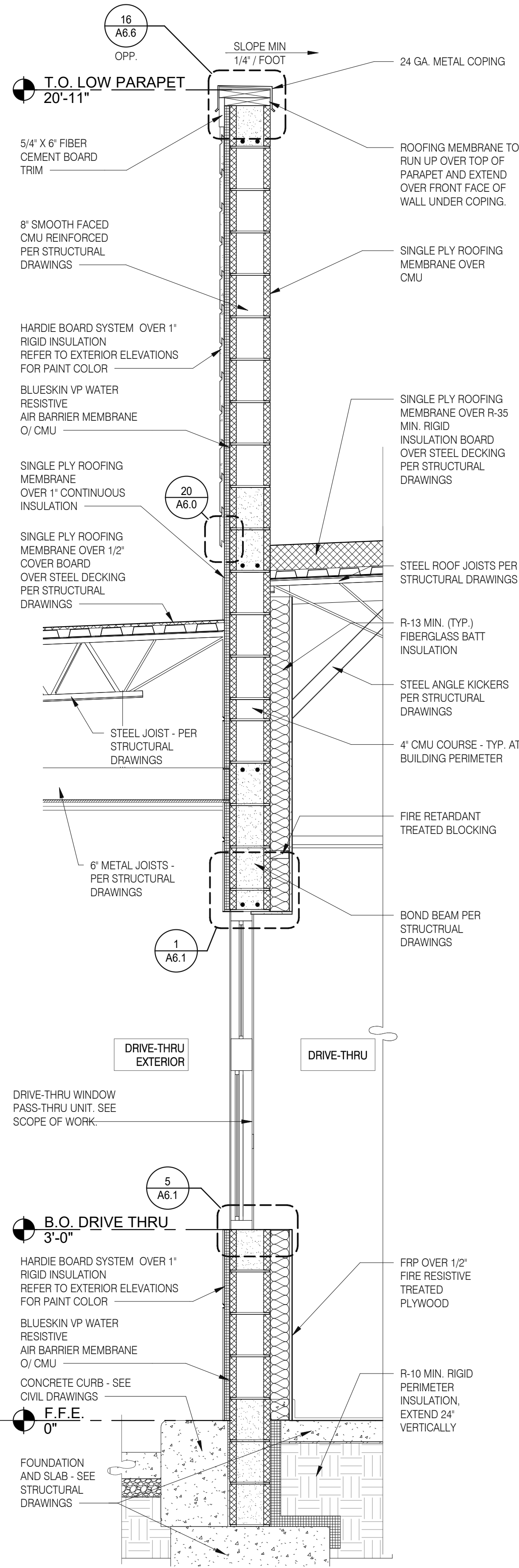
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SECTION AT PORTE COCHERE LEG 3/4" = 1'-0" 2



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



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BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



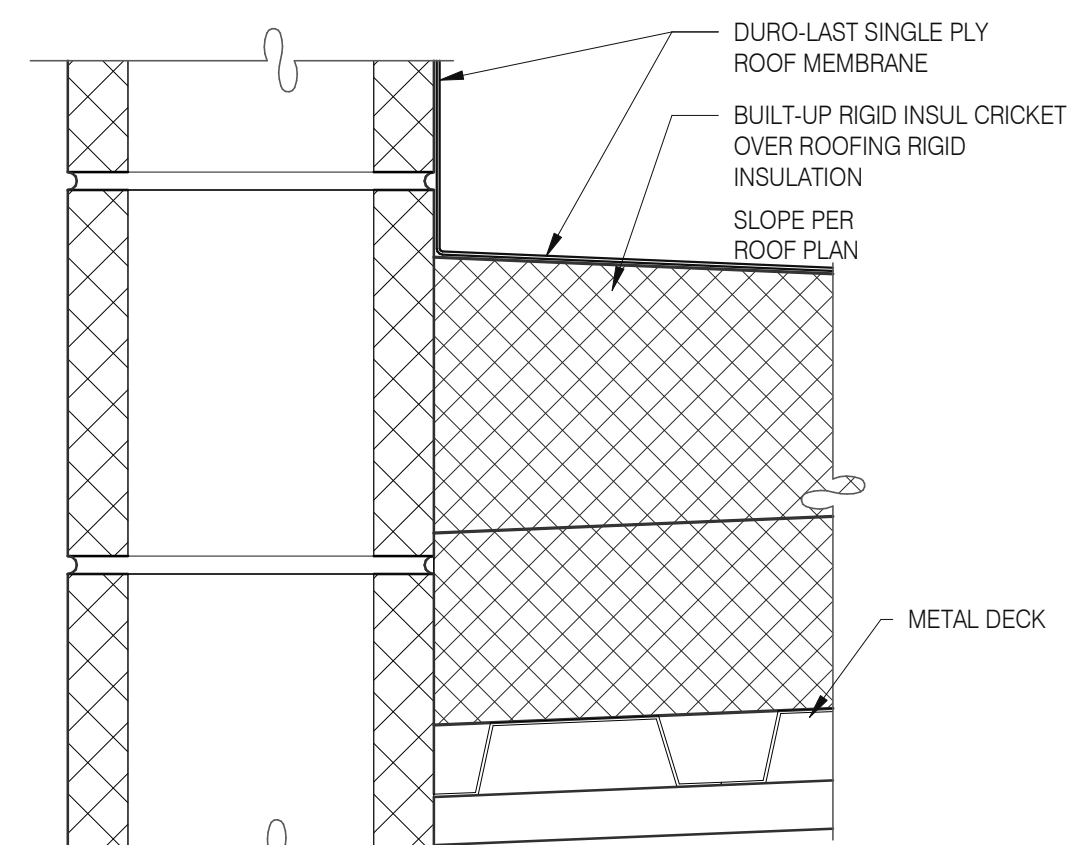
ENDEAVOR 2.0  
WALL  
SECTIONS

A5.5

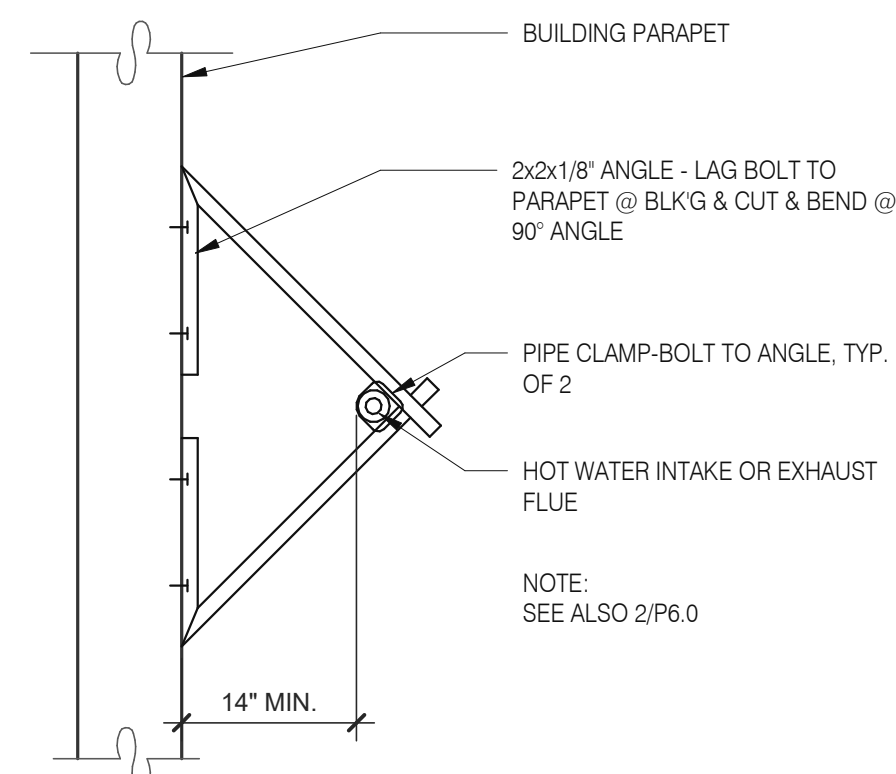
PLOT DATE: 9/7/2022 6:50:15 AM

Mark S. Salopek, LLC

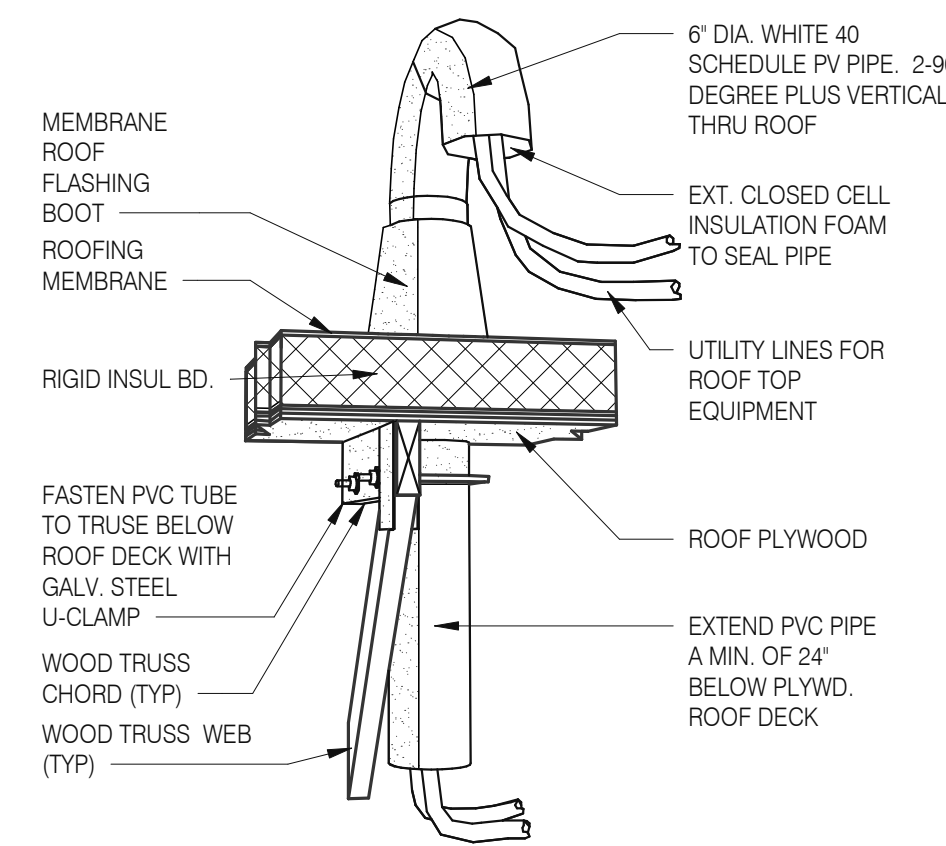
3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
330.572.2112 FAX: 330.572.2102



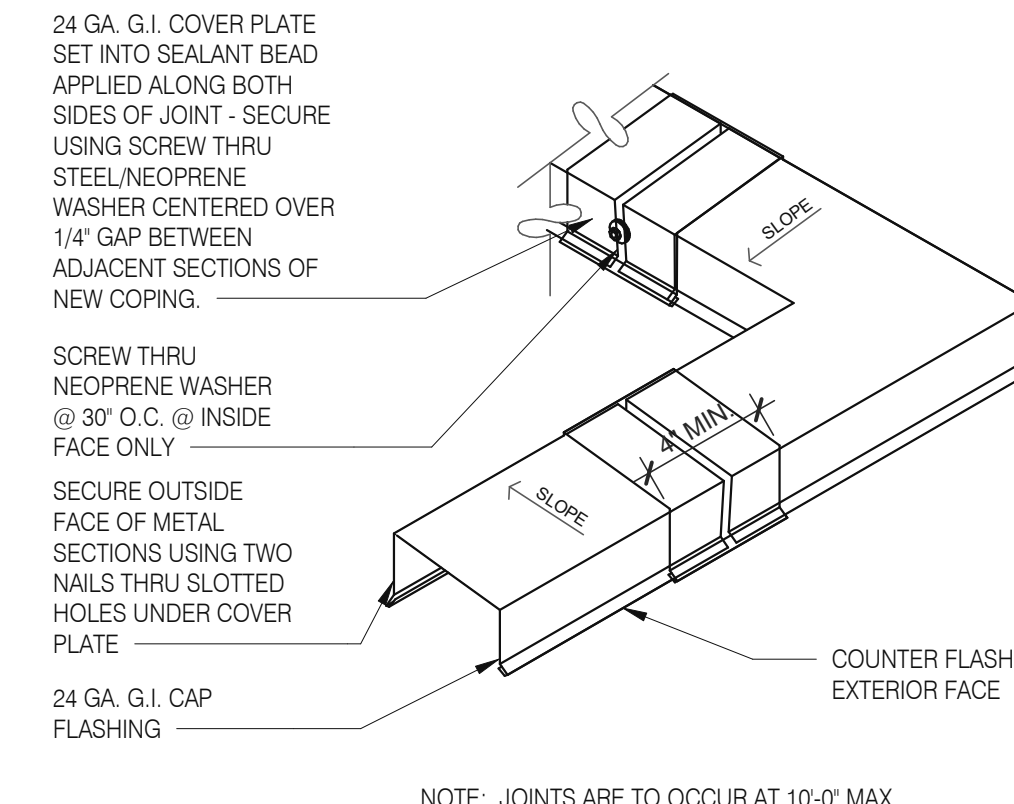
**CRICKET** 3" = 1'-0" 16



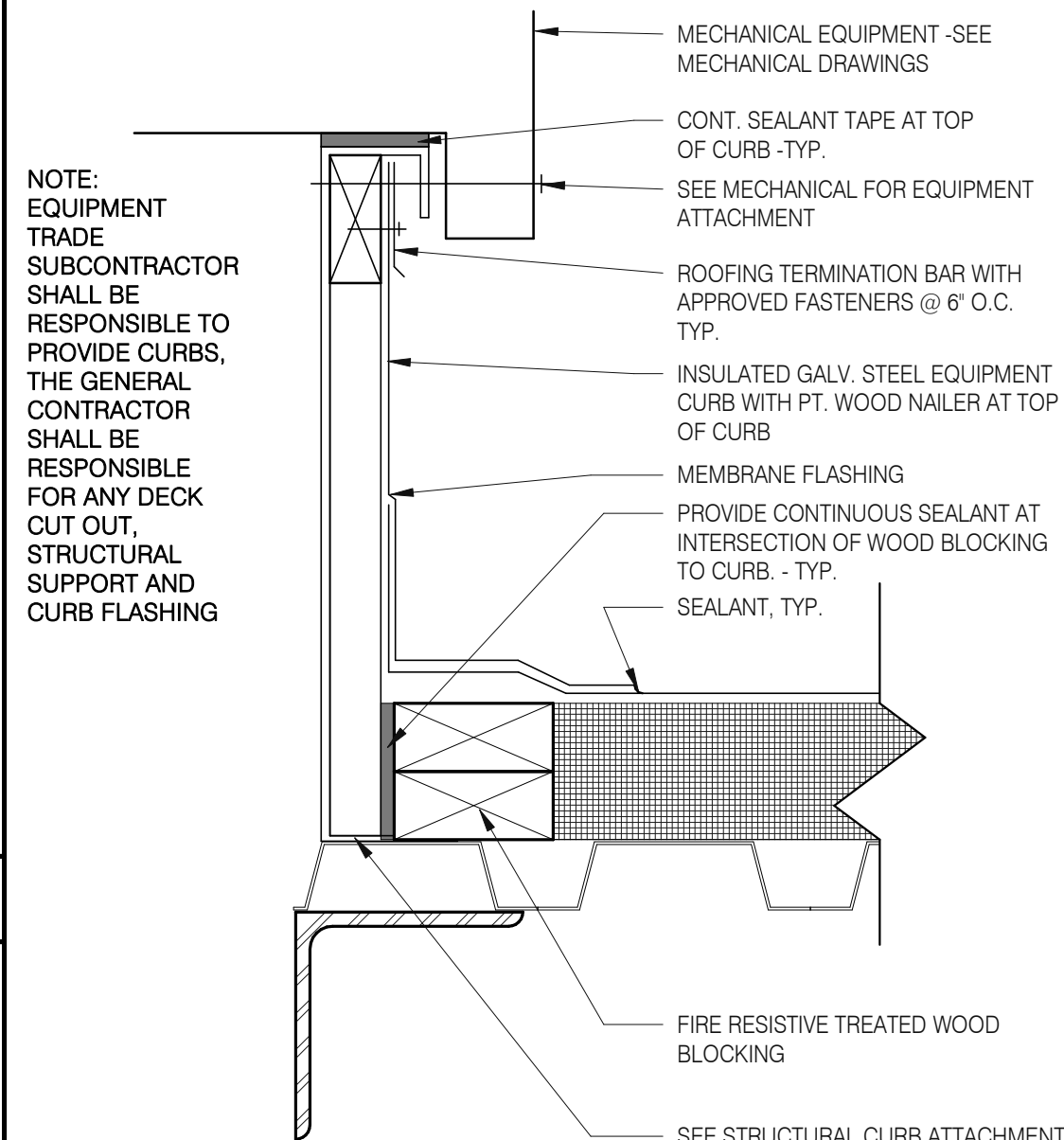
**W.H. FLU / INTAKEN PIPE SUPPORT** 3" = 1'-0" 13



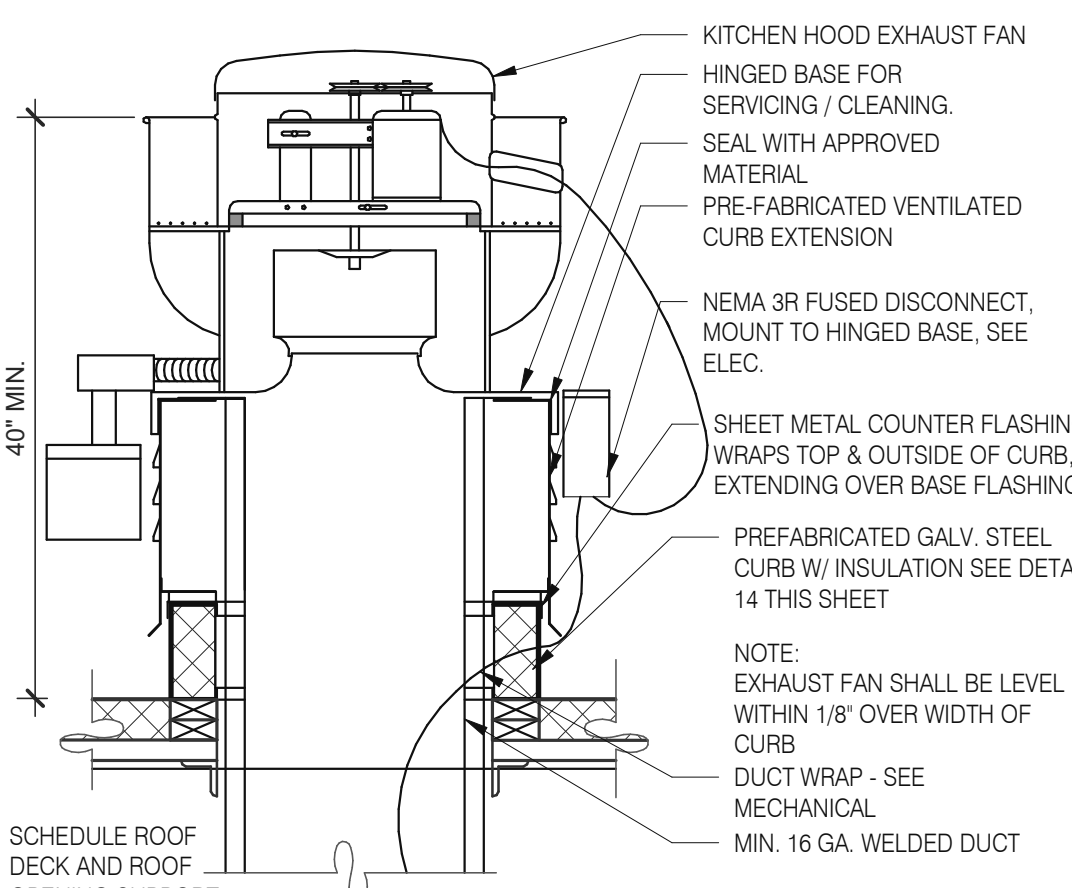
**PIPE HOOD** N.T.S. 9



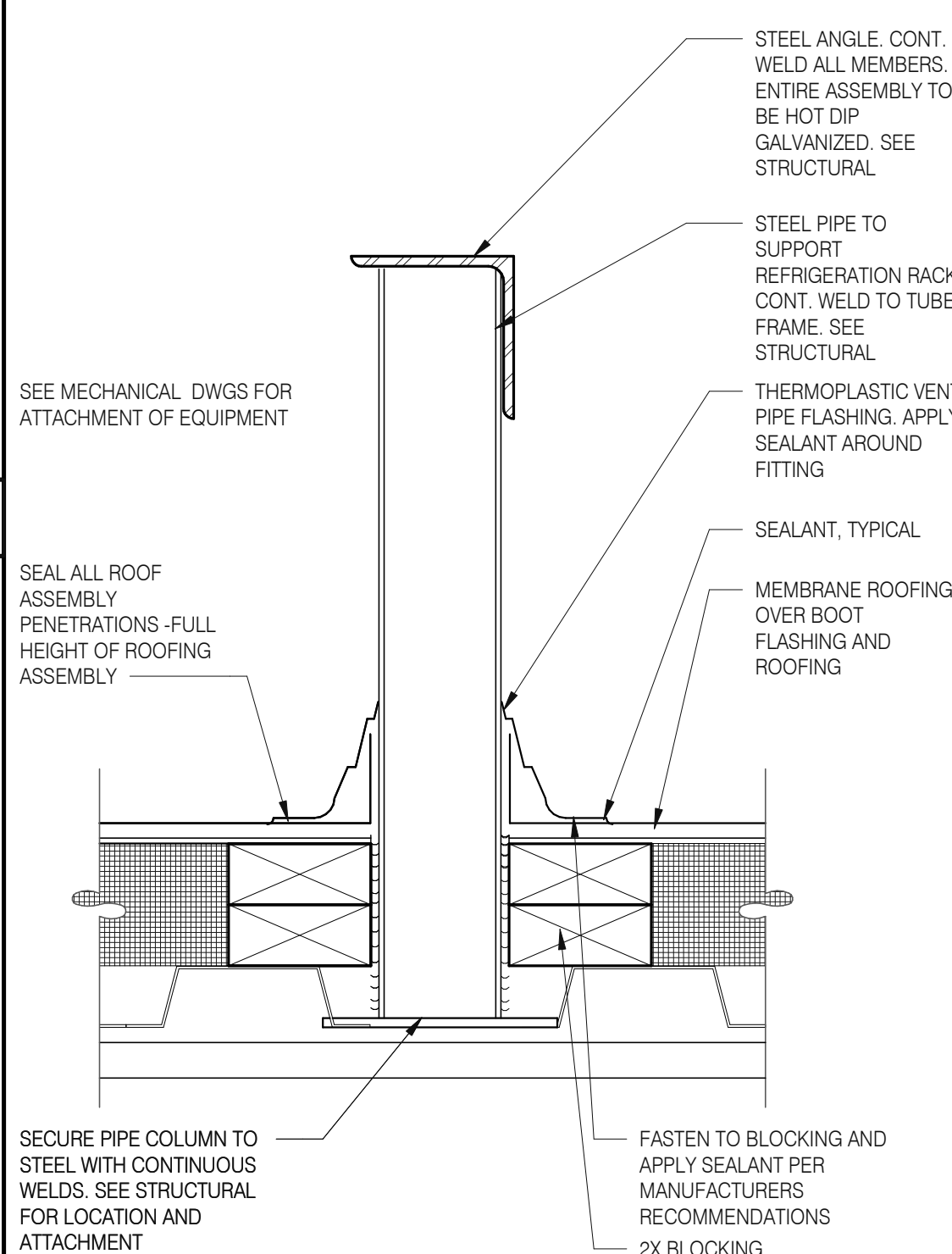
**COPING JOINT** N.T.S. 5



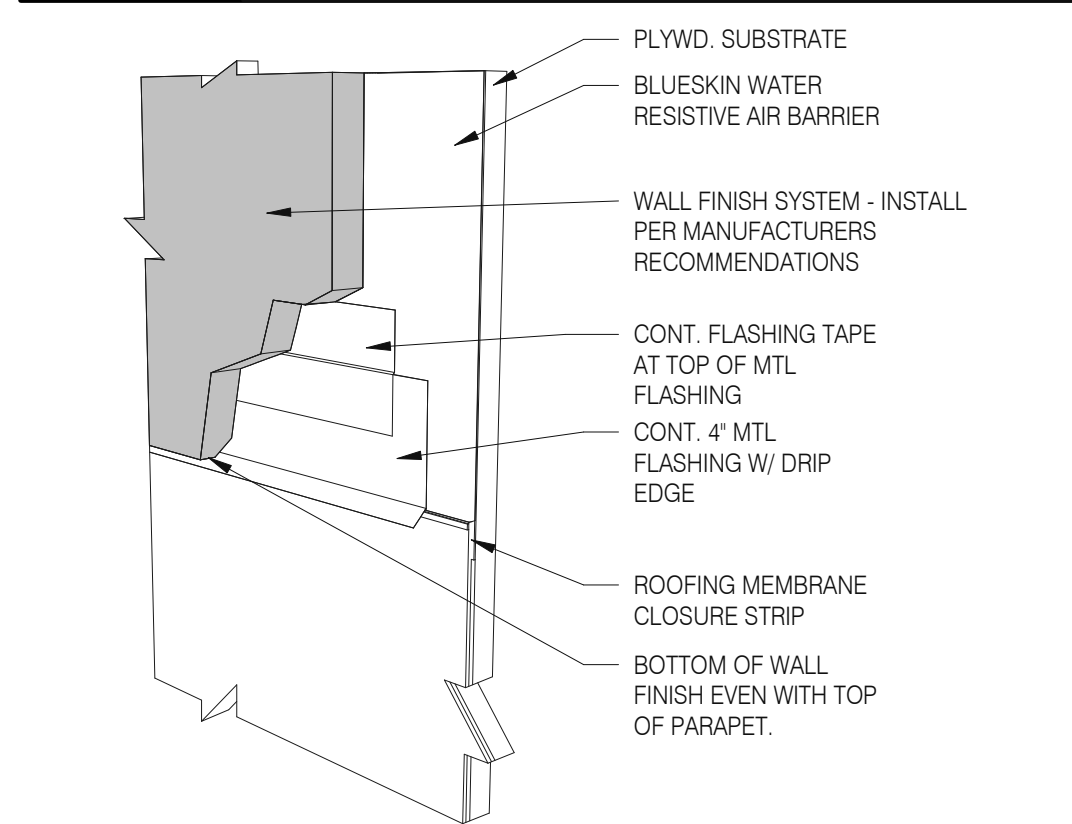
**HVAC CURB** 3" = 1'-0" 14



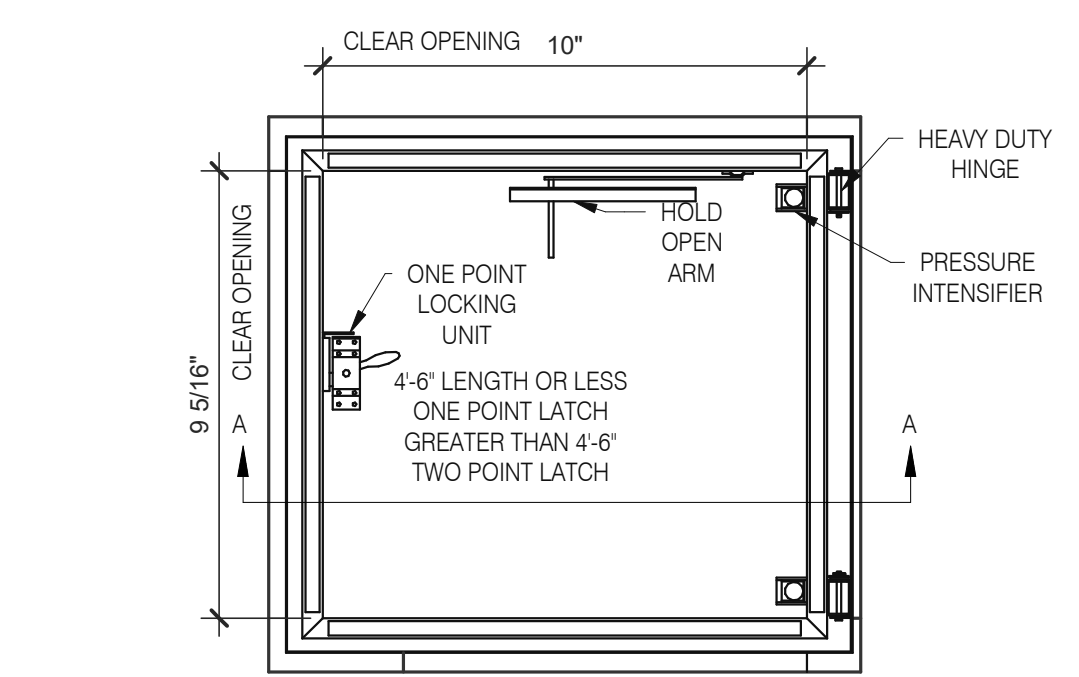
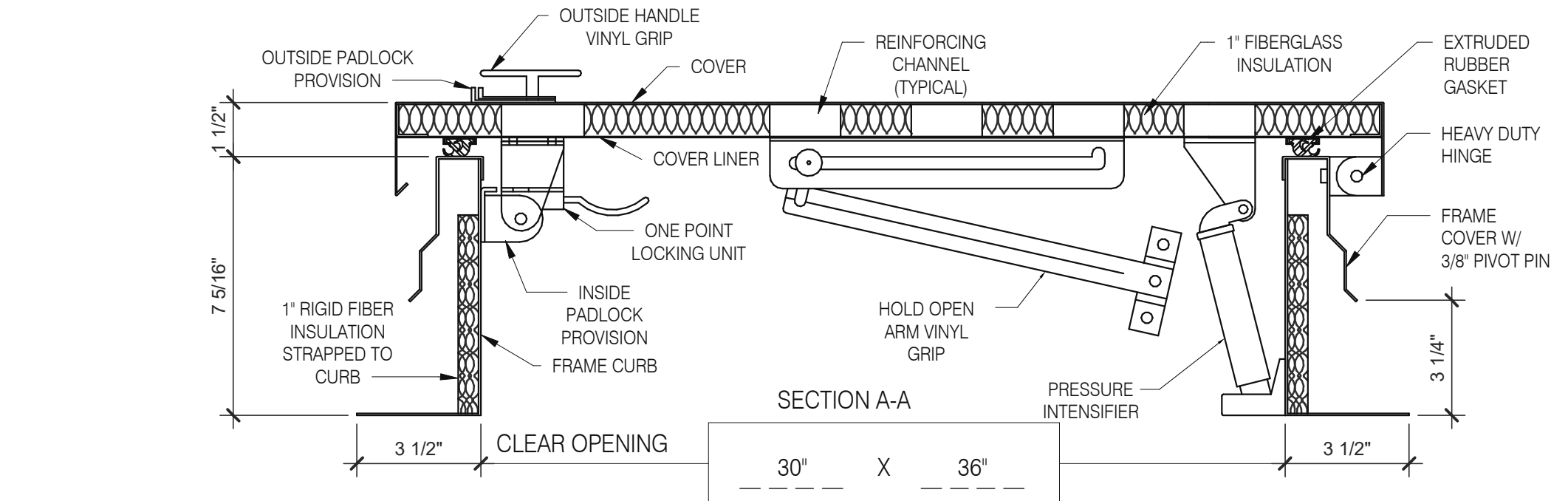
**EXHAUST FAN CURB** 3" = 1'-0" 19



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



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



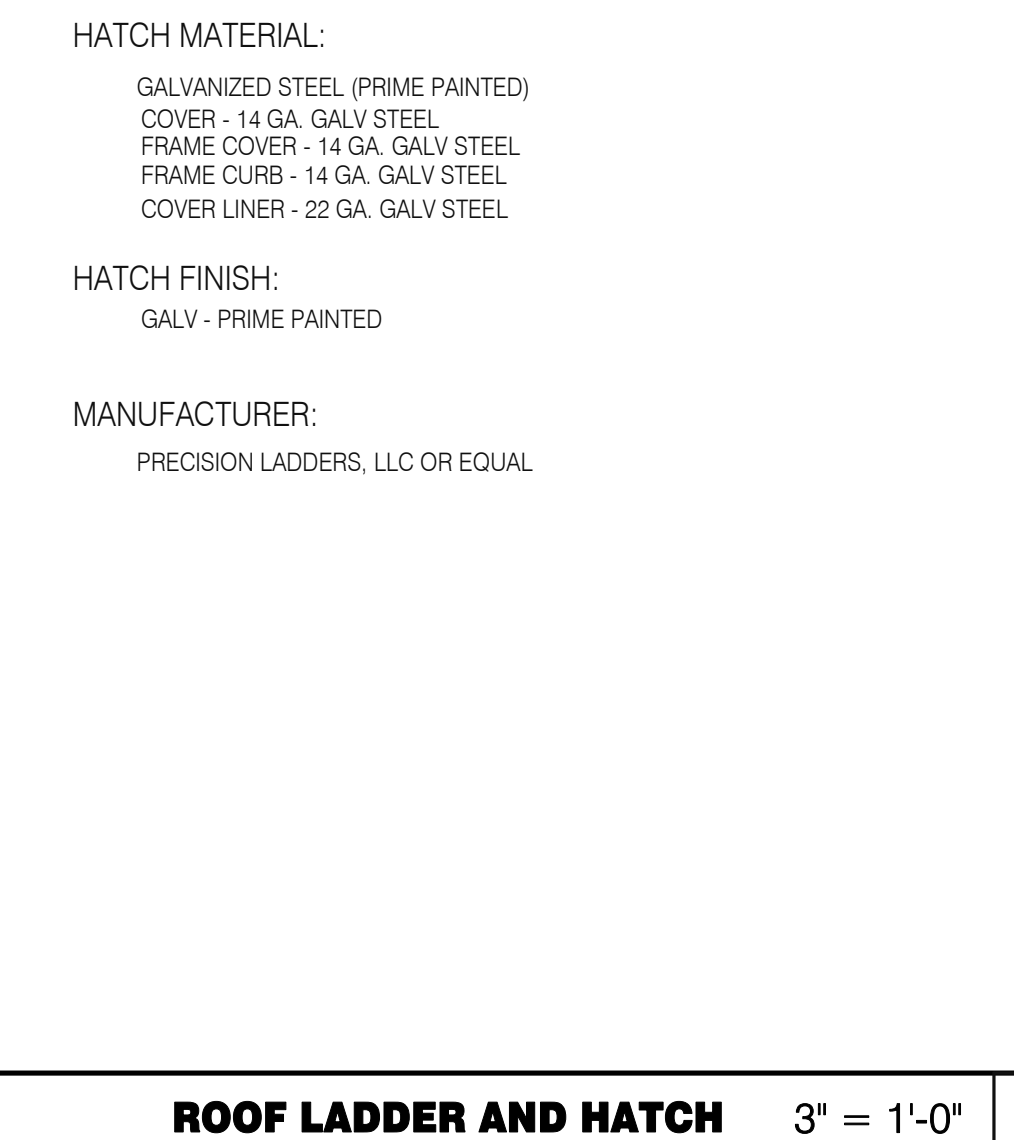
**HATCH MATERIAL:**  
GALVANIZED STEEL (PRIME PAINTED)  
COVER - 14 GA. GALV. STEEL  
FRAME COVER - 14 GA. GALV. STEEL  
FRAME CURB - 14 GA. GALV. STEEL  
COVER LINER - 22 GA. GALV. STEEL

**HATCH FINISH:**  
GALV - PRIME PAINTED

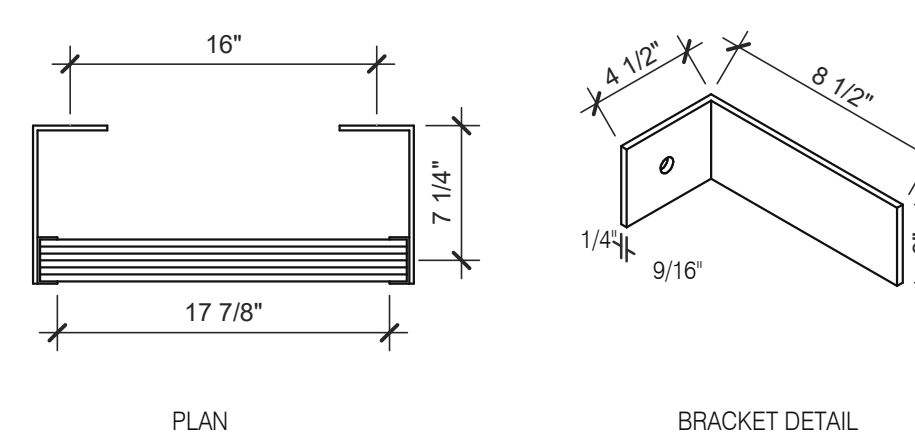
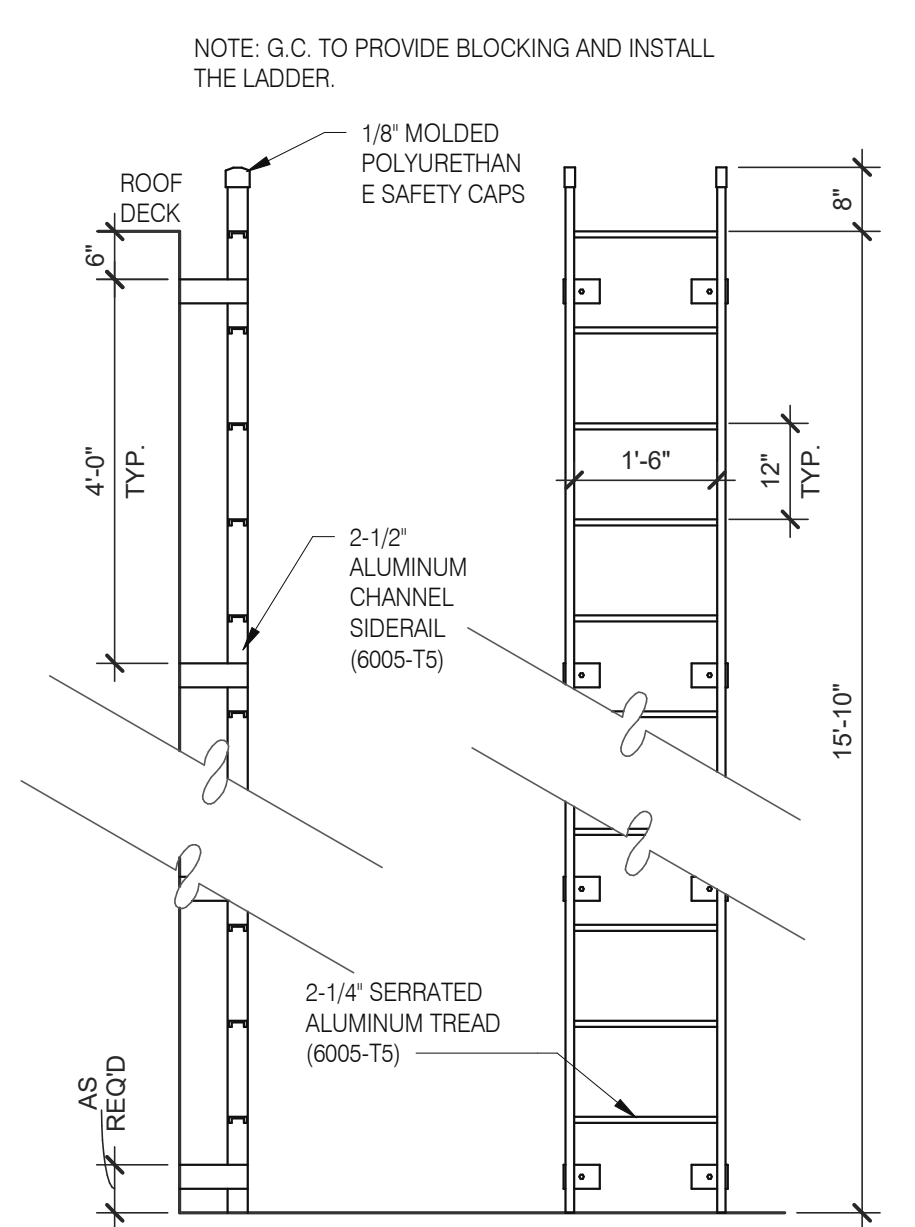
**MANUFACTURER:**  
PRECISION LADDERS, LLC OR EQUAL

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



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

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PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

TACO BELL

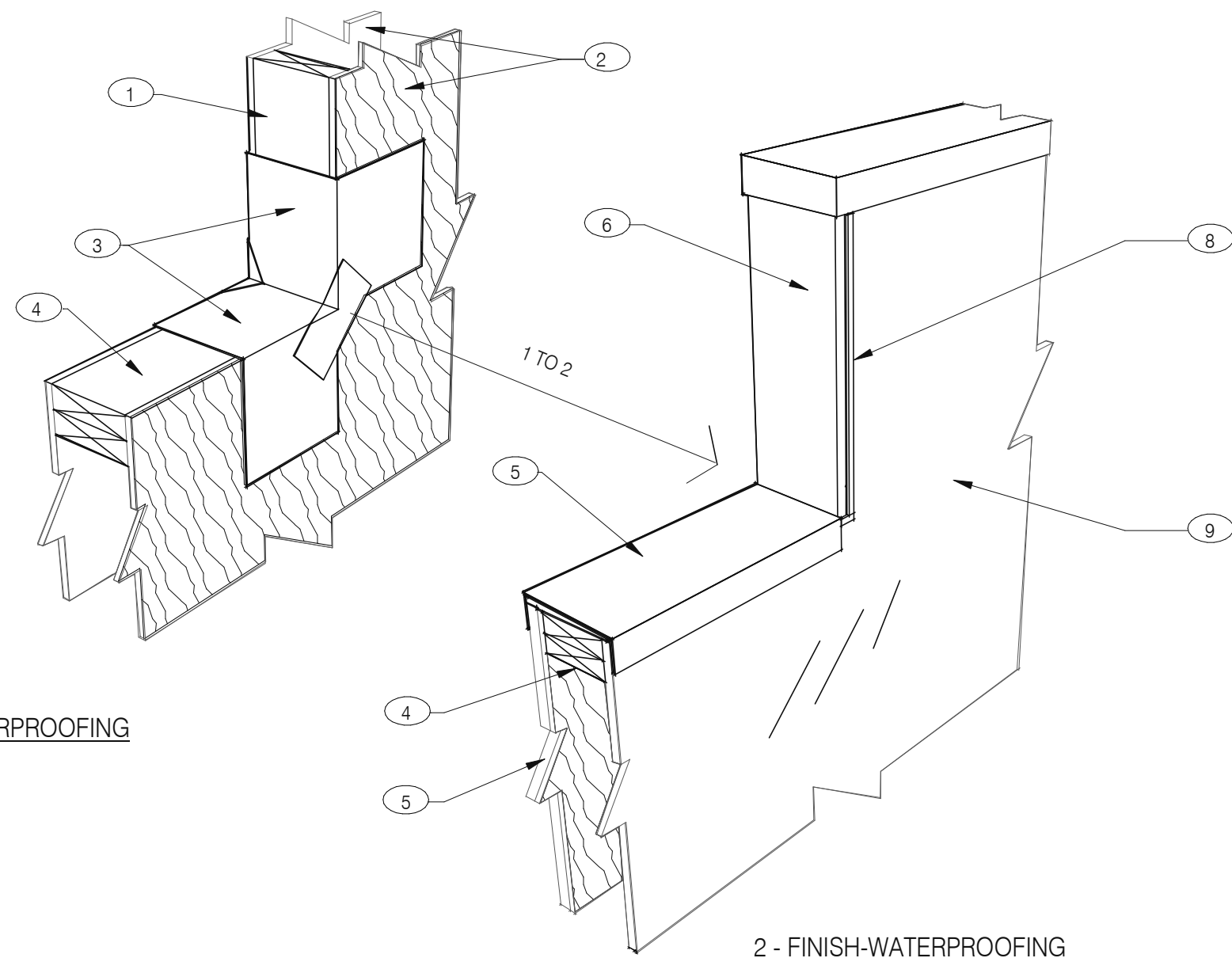
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS ROOF

A6.0

PLOT DATE: 9/7/2022 6:50:17 AM

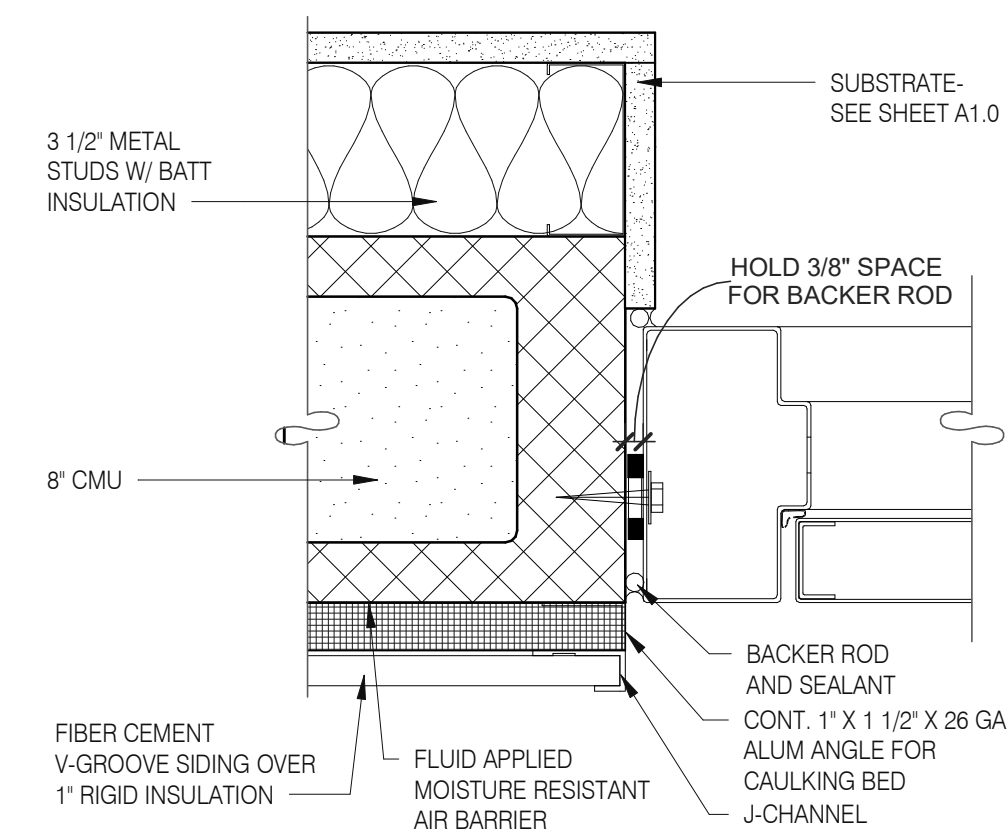


**NOTES**

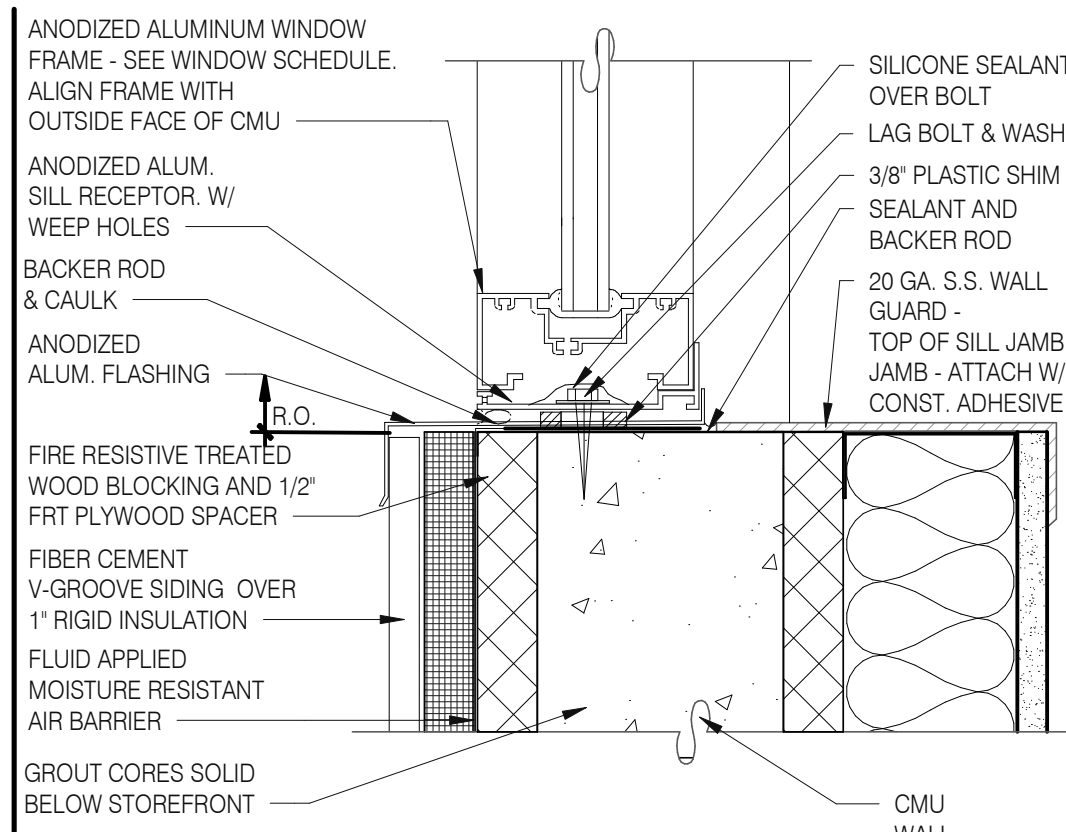
- ① 2X WOOD STUDS
- ② PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- ③ FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- ④ DOUBLE 2X TOP PLATE.
- ⑤ PAINTED 24 GAUGE PARAPET COPING.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

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

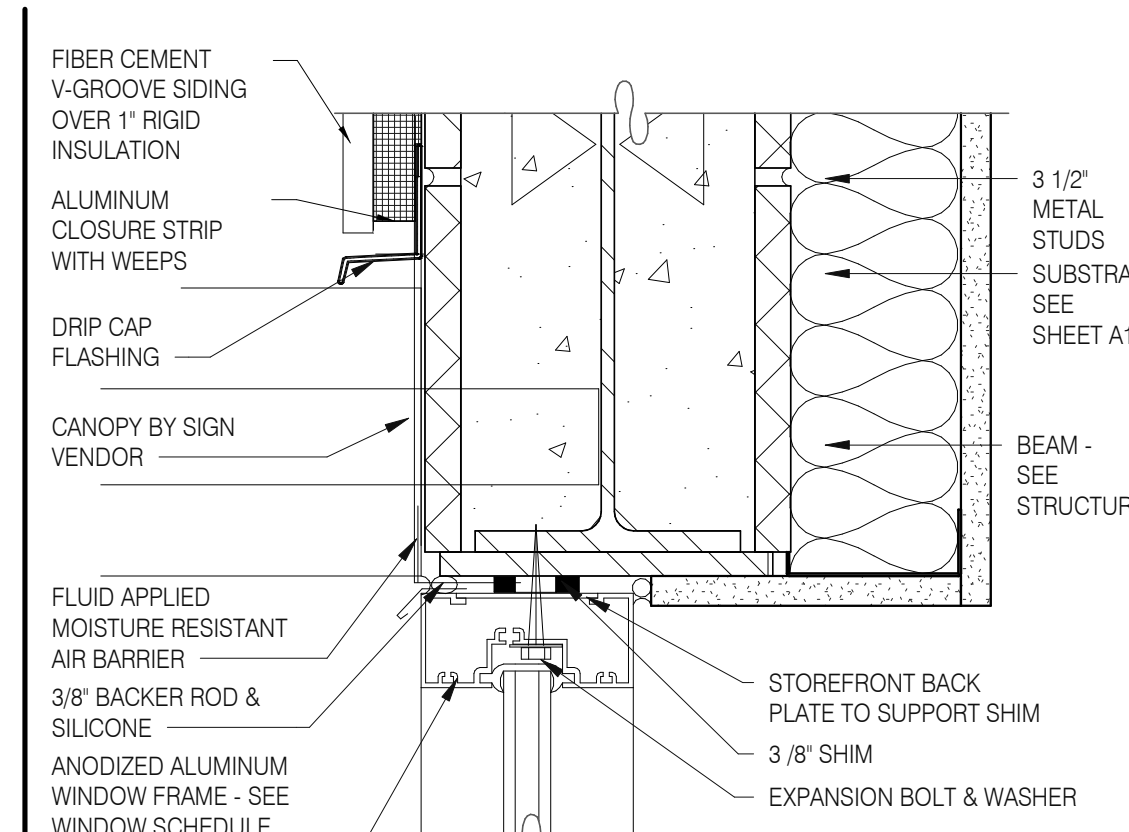
**PARAPET CAP & TRANSITION 1" = 1'-0" 13**



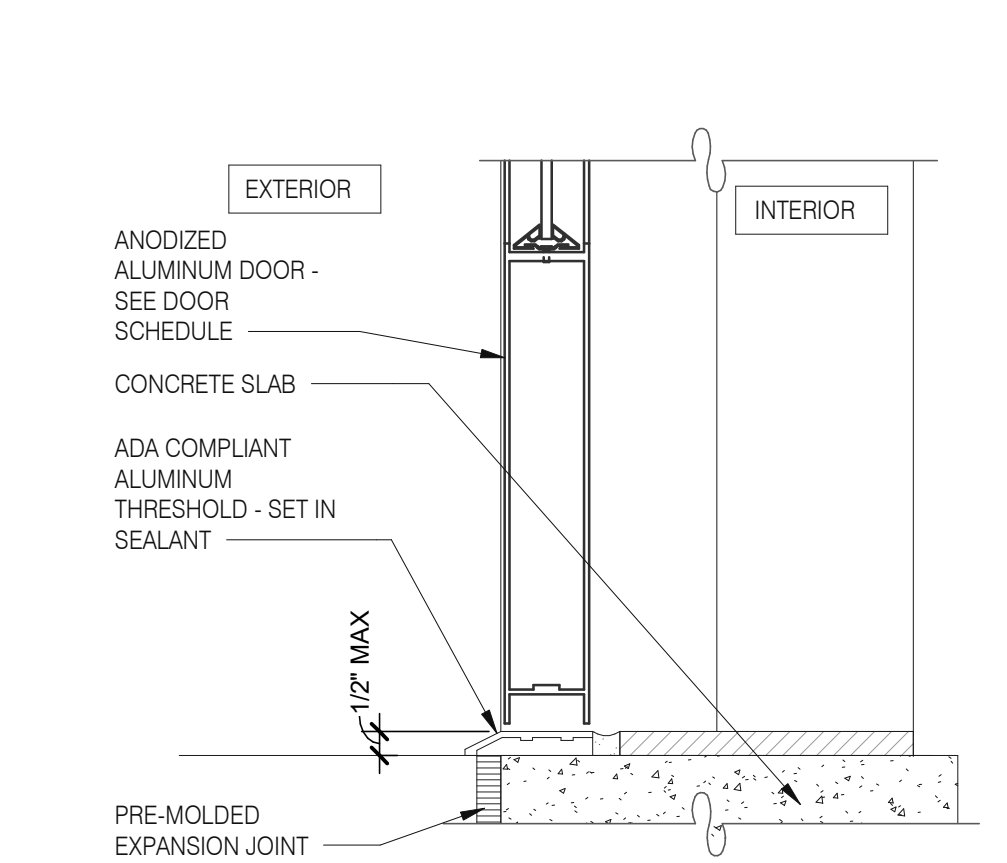
**JAMB SERVICE DOOR 3" = 1'-0" 9**



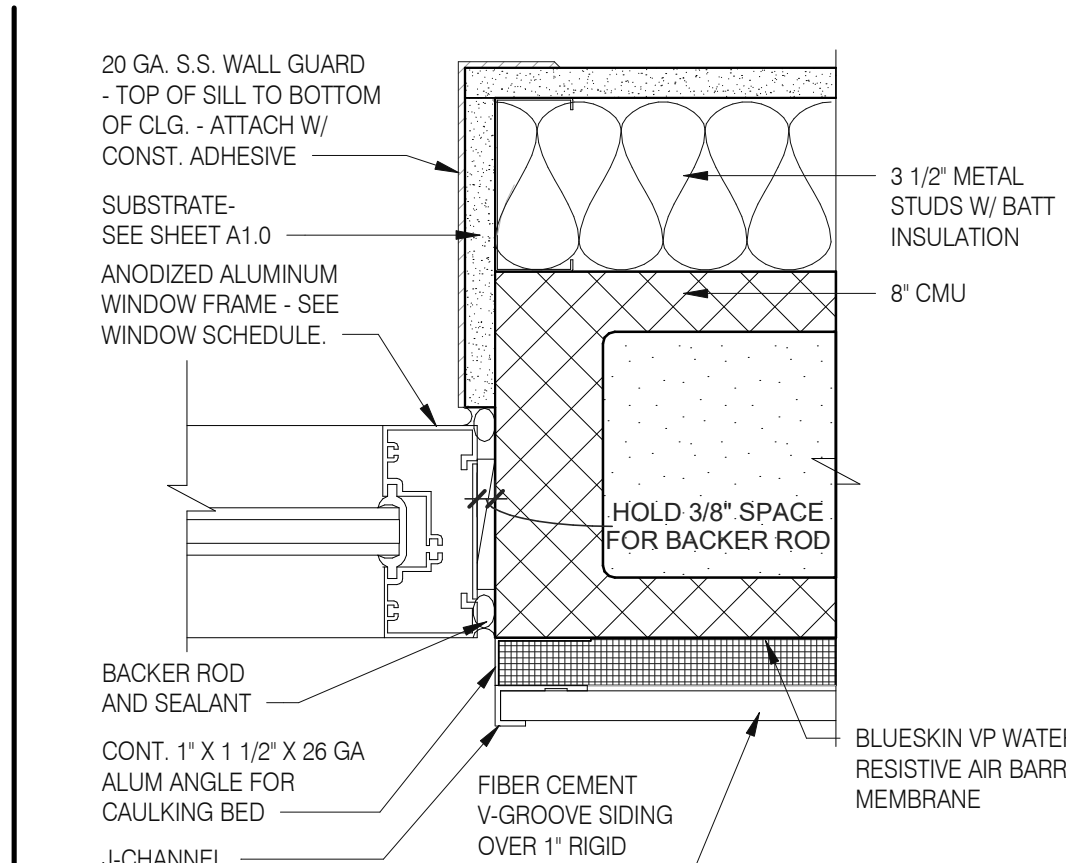
**WINDOW SILL @ DRIVE THRU 3" = 1'-0" 5**



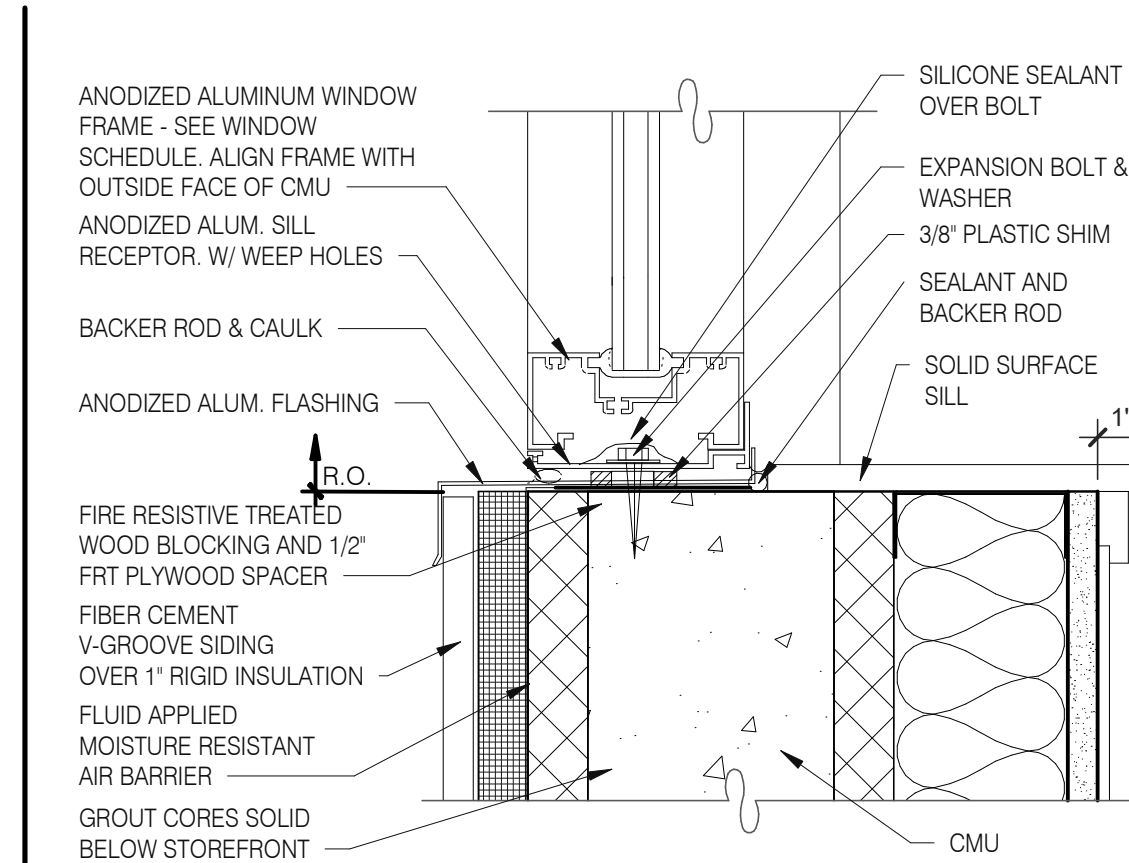
**TYPICAL WINDOW HEAD W/ CANOPY 3" = 1'-0" 1**



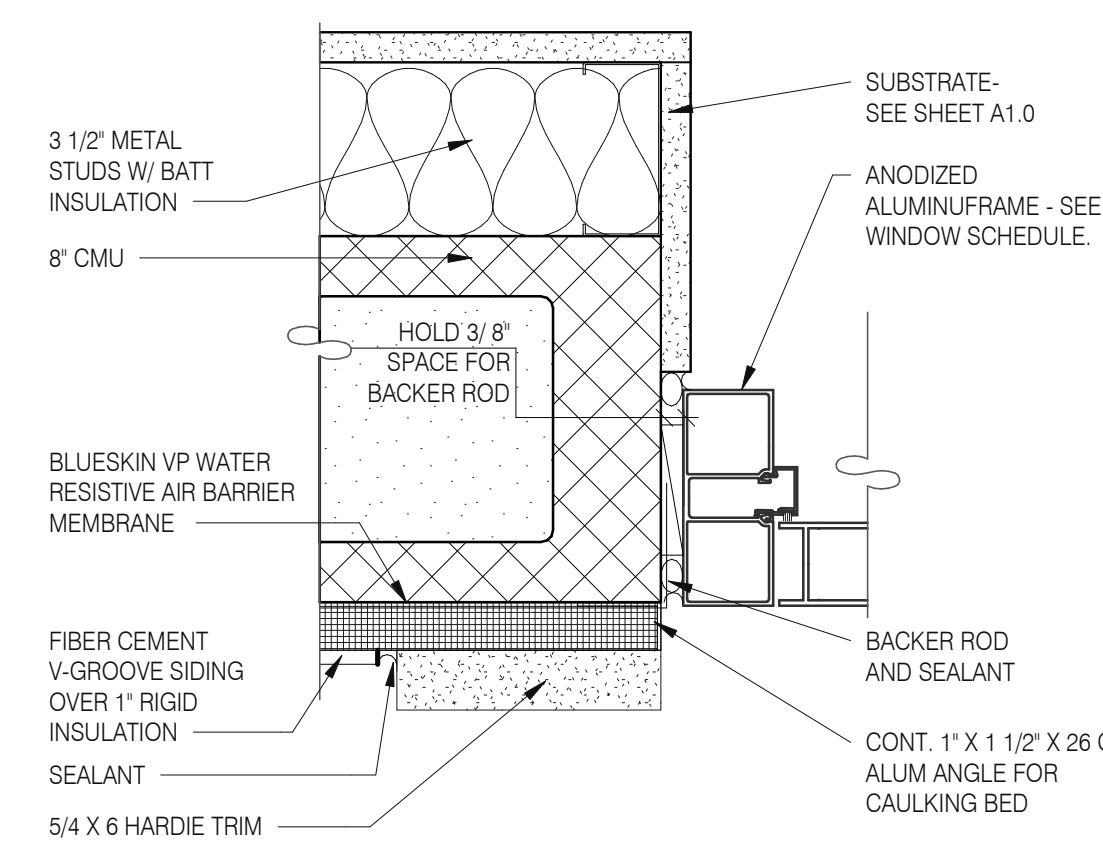
**STOREFRONT DOOR SILL 3" = 1'-0" 10**



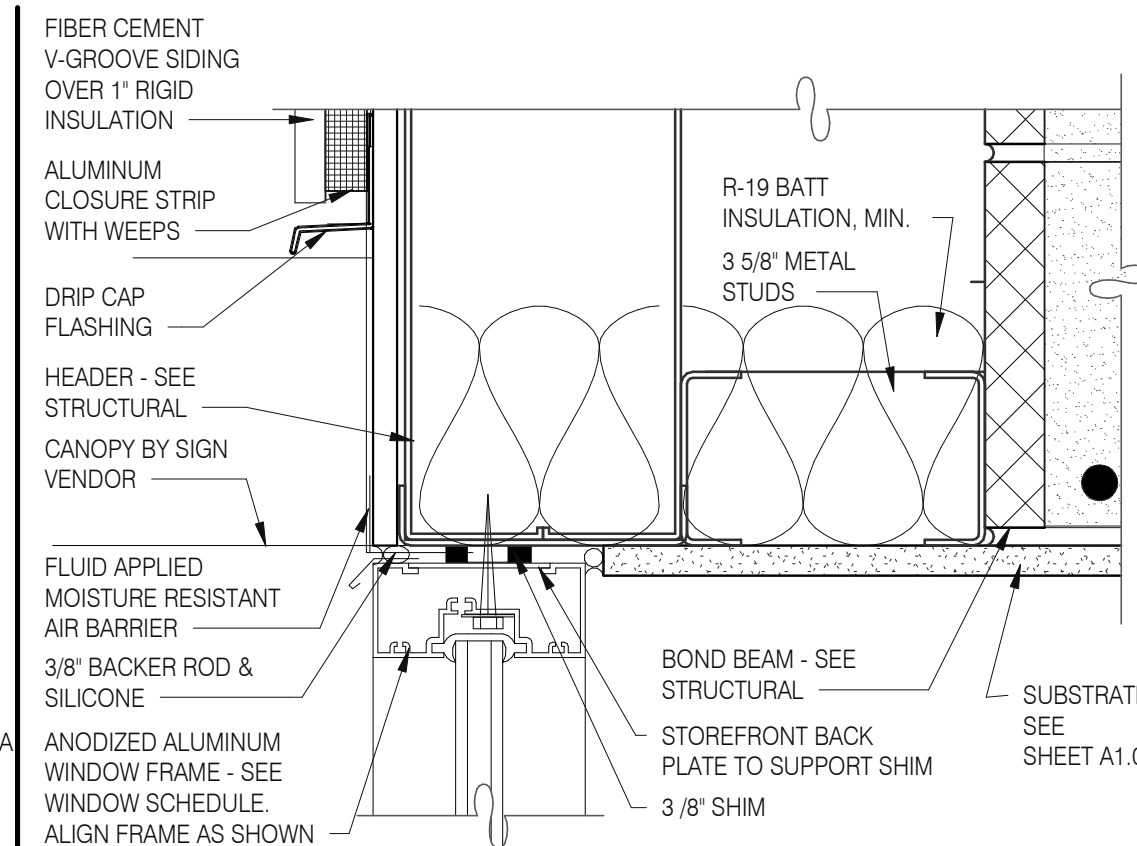
**WINDOW JAMB @ DRIVE THRU 3" = 1'-0" 6**



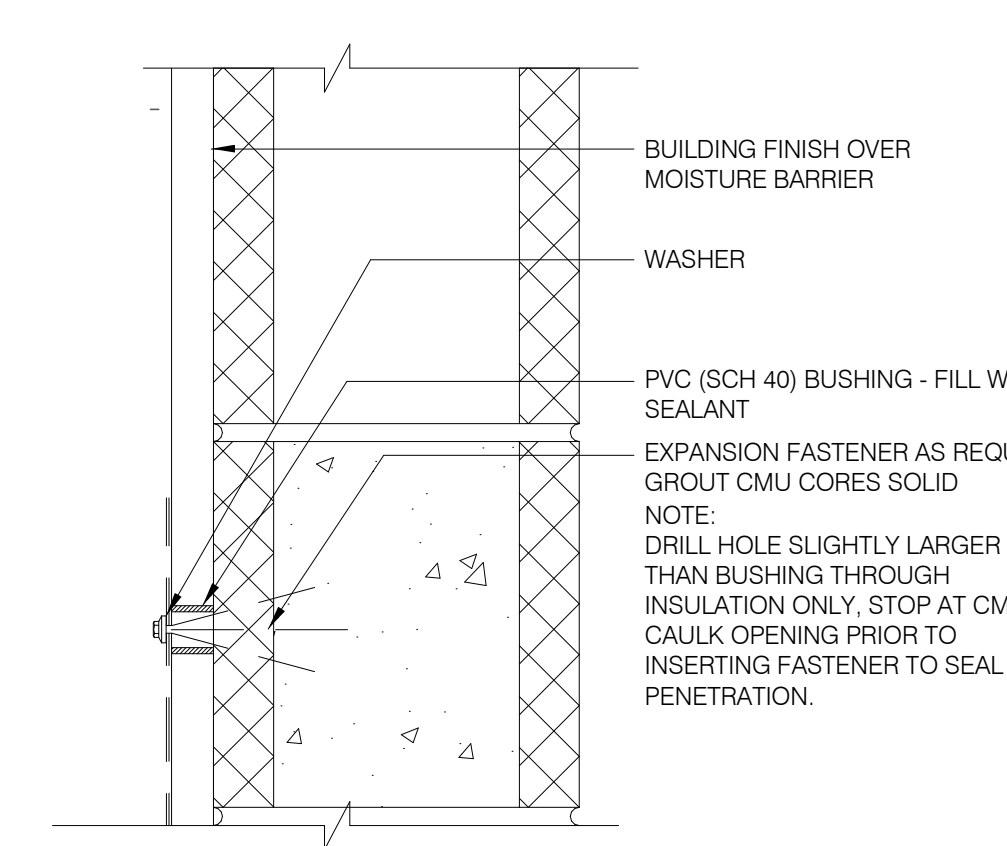
**TYPICAL WINDOW SILL 3" = 1'-0" 2**



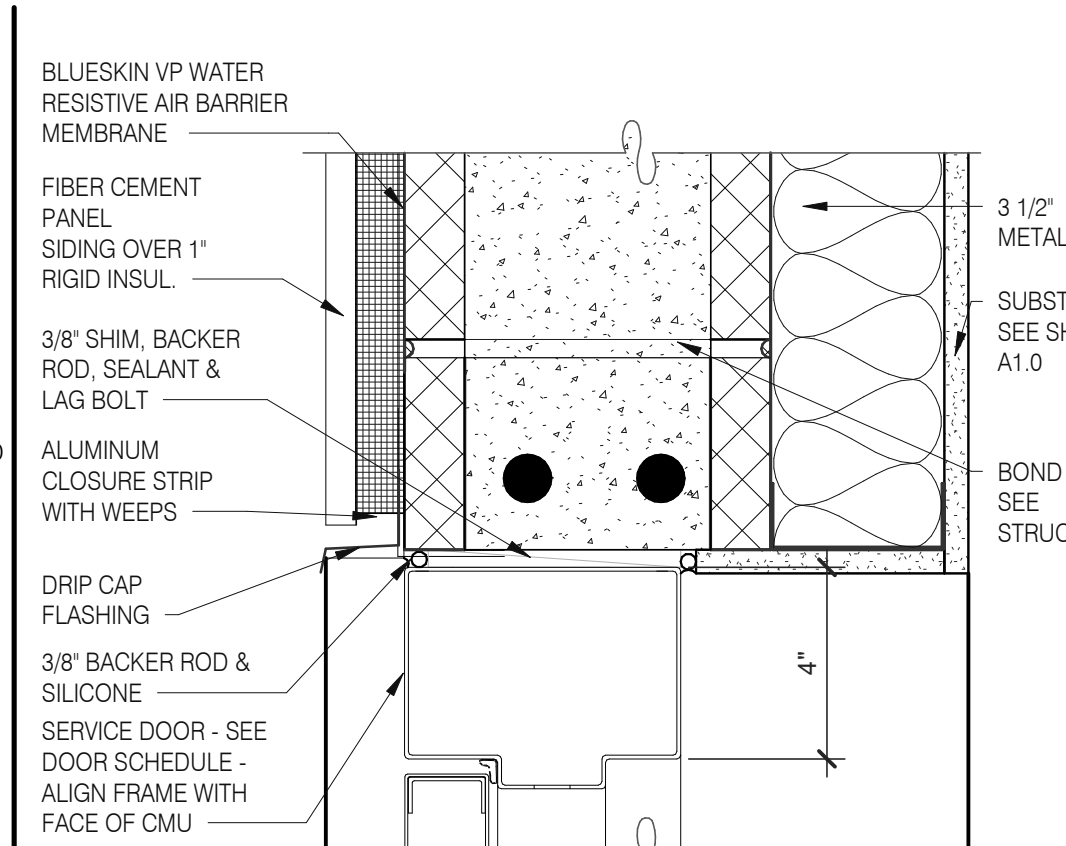
**DOOR JAMB 3" = 1'-0" 16**



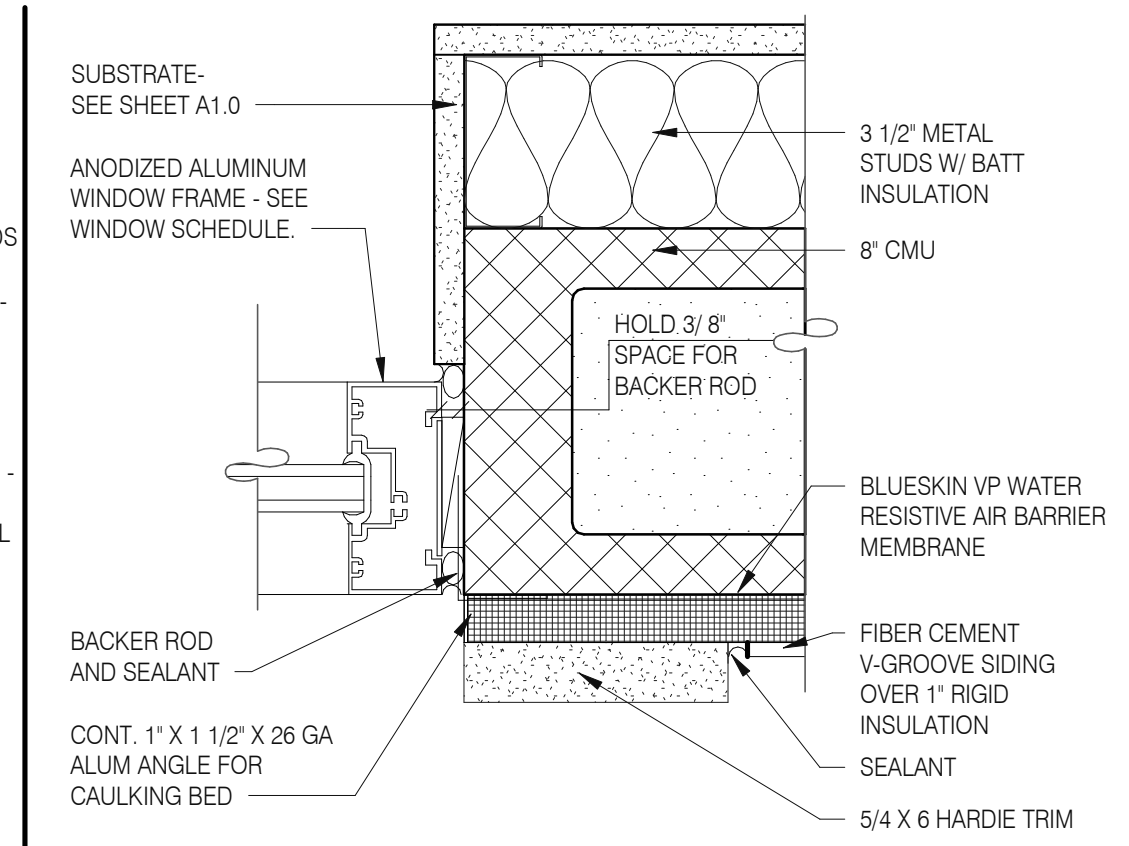
**WINDOW HEAD @ ENTRANCE 3" = 1'-0" 14**



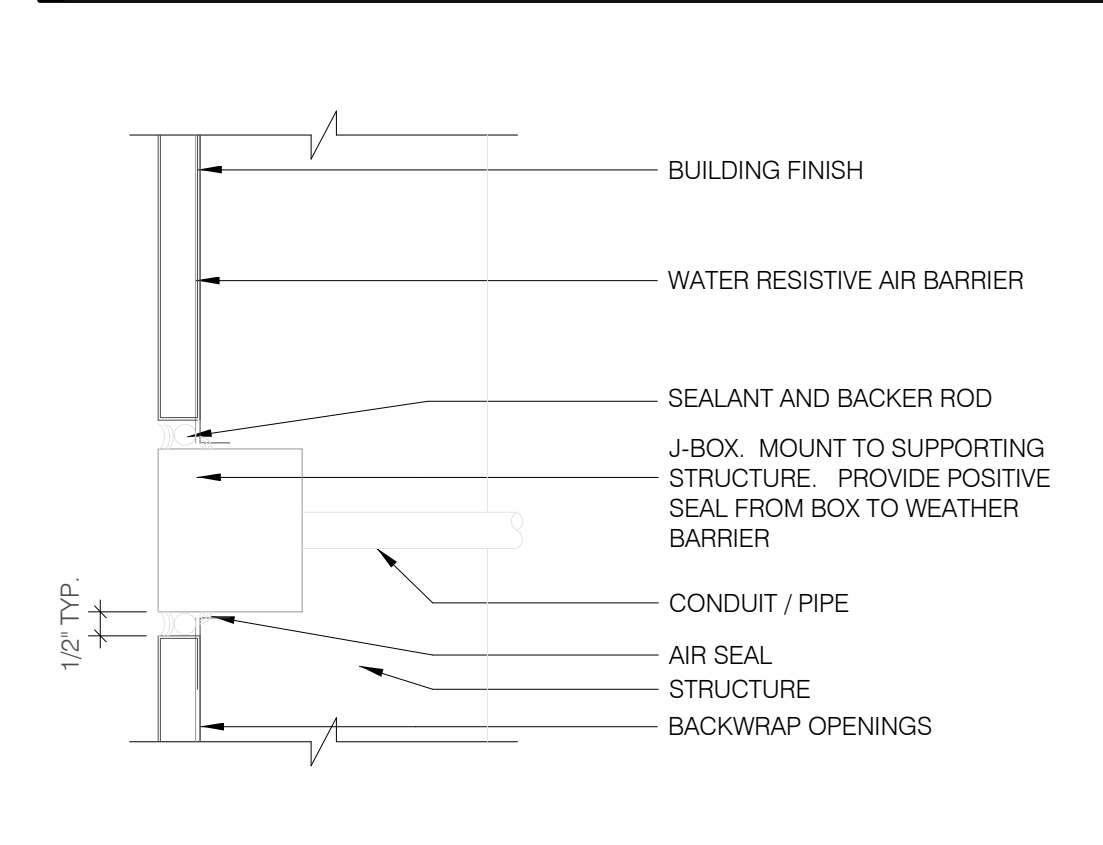
**CONNECTION THRU EXT. FINISH 1" = 1'-0" 11**



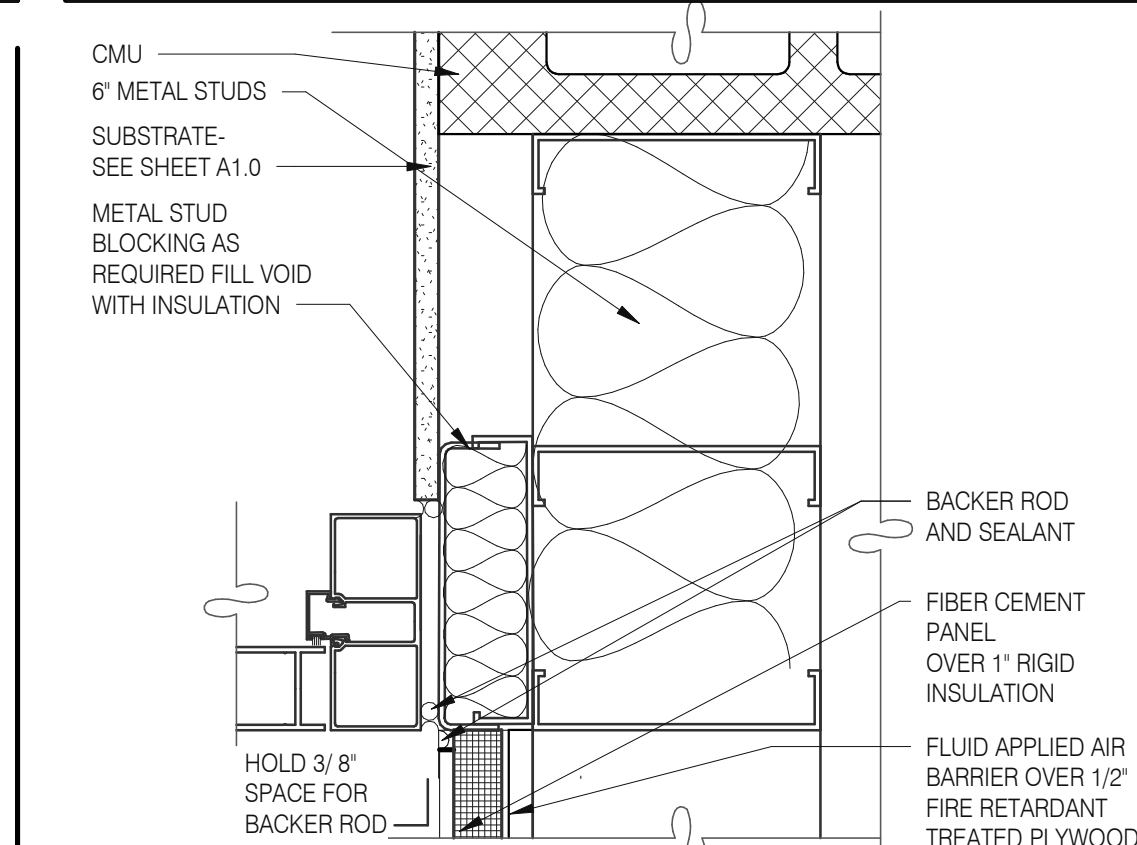
**HEAD/ JAMB @ SERVICE DOOR 3" = 1'-0" 7**



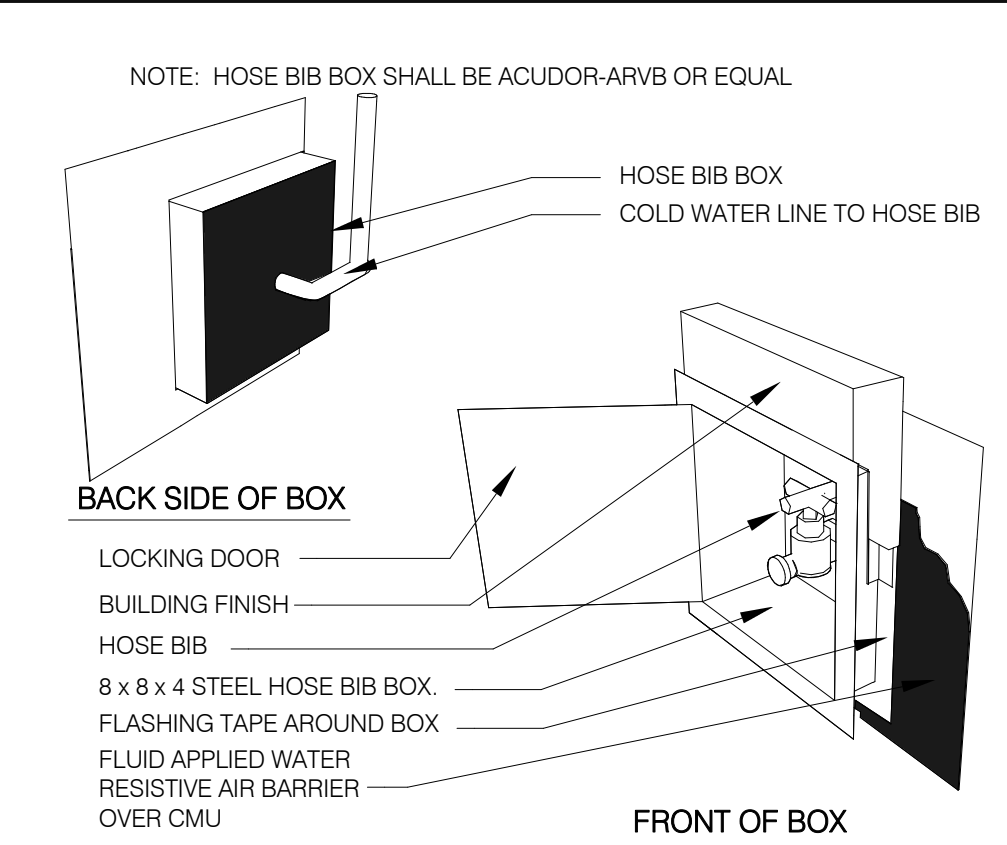
**TYPICAL WINDOW JAMB 3" = 1'-0" 3**



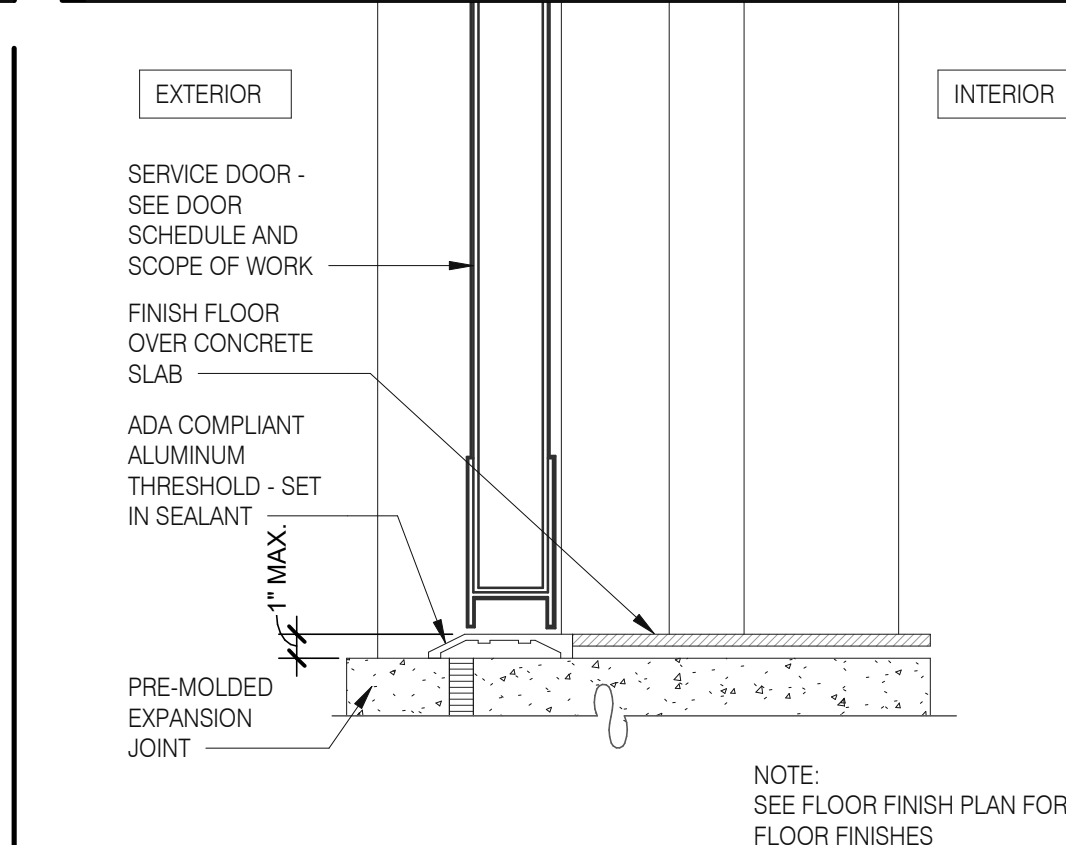
**CO2 FILL / J-BOX 3" = 1'-0" 17**



**DOOR JAMB 3" = 1'-0" 15**



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



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

Mark S. Salopek, LLC

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

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PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

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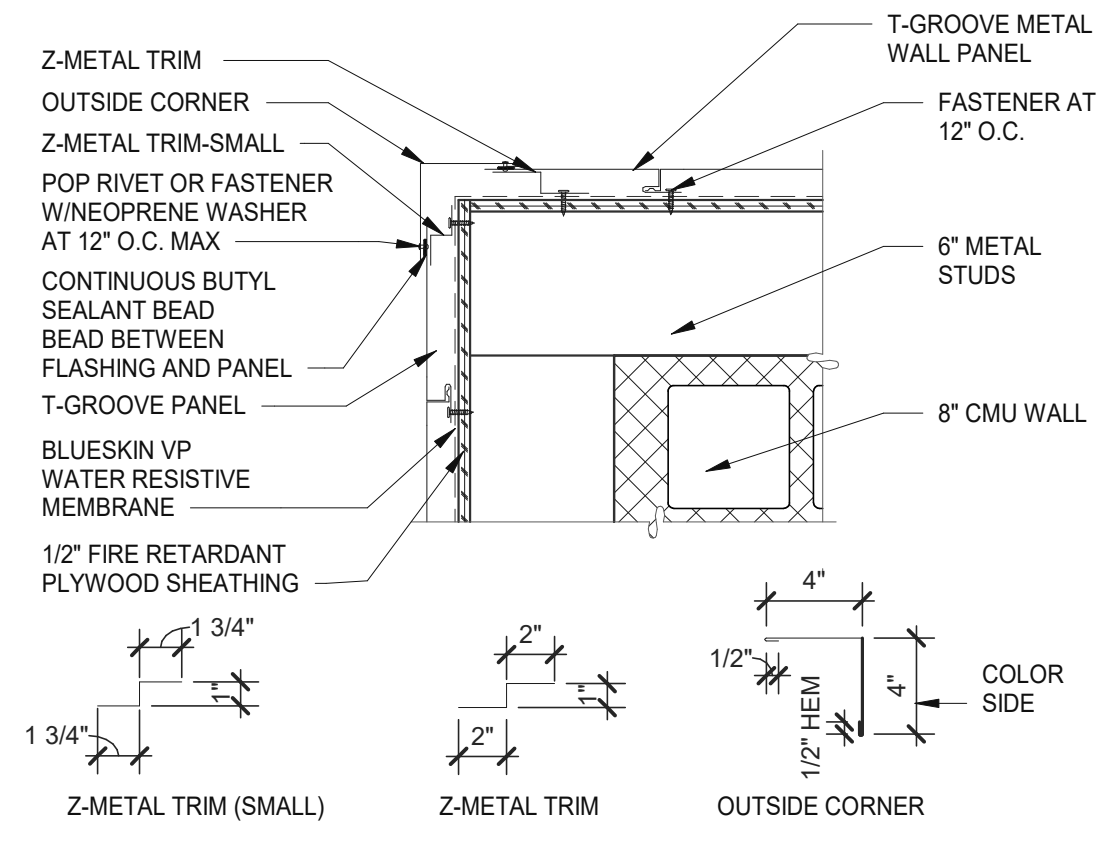
ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS  
DOOR/WINDOW

A6.1

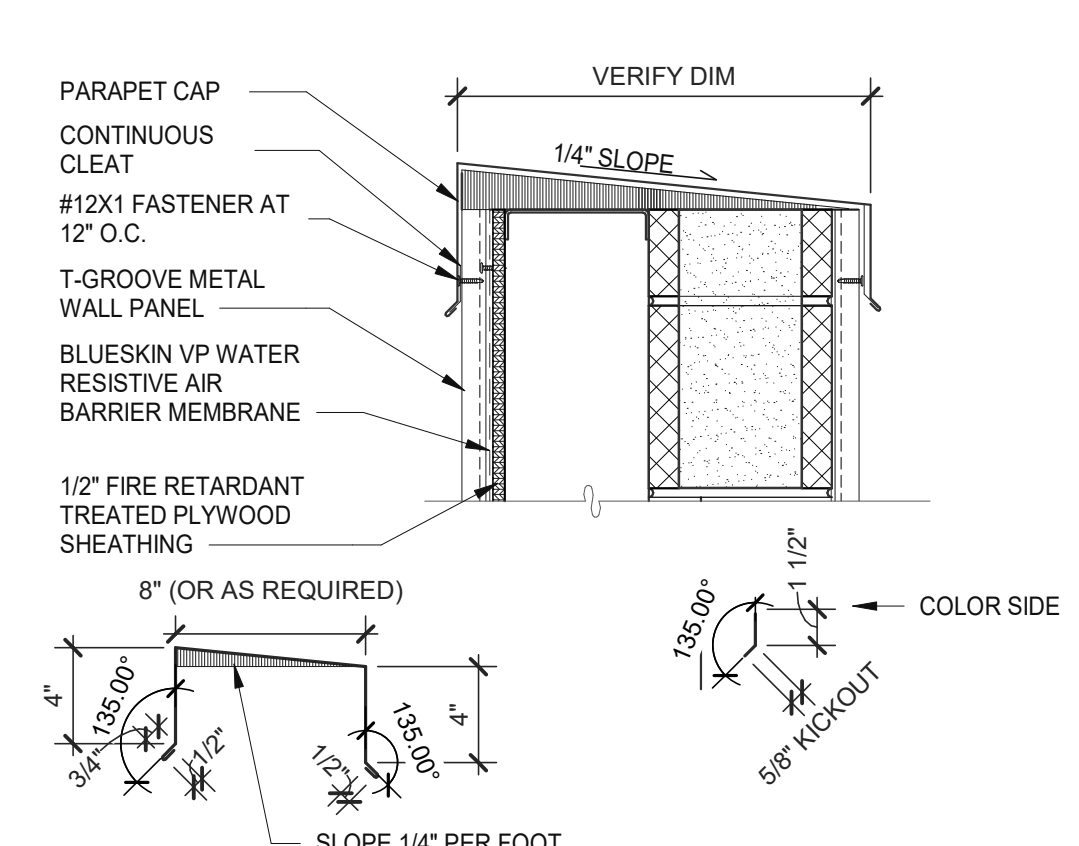
PLOT DATE: 9/7/2022 6:50:18 AM

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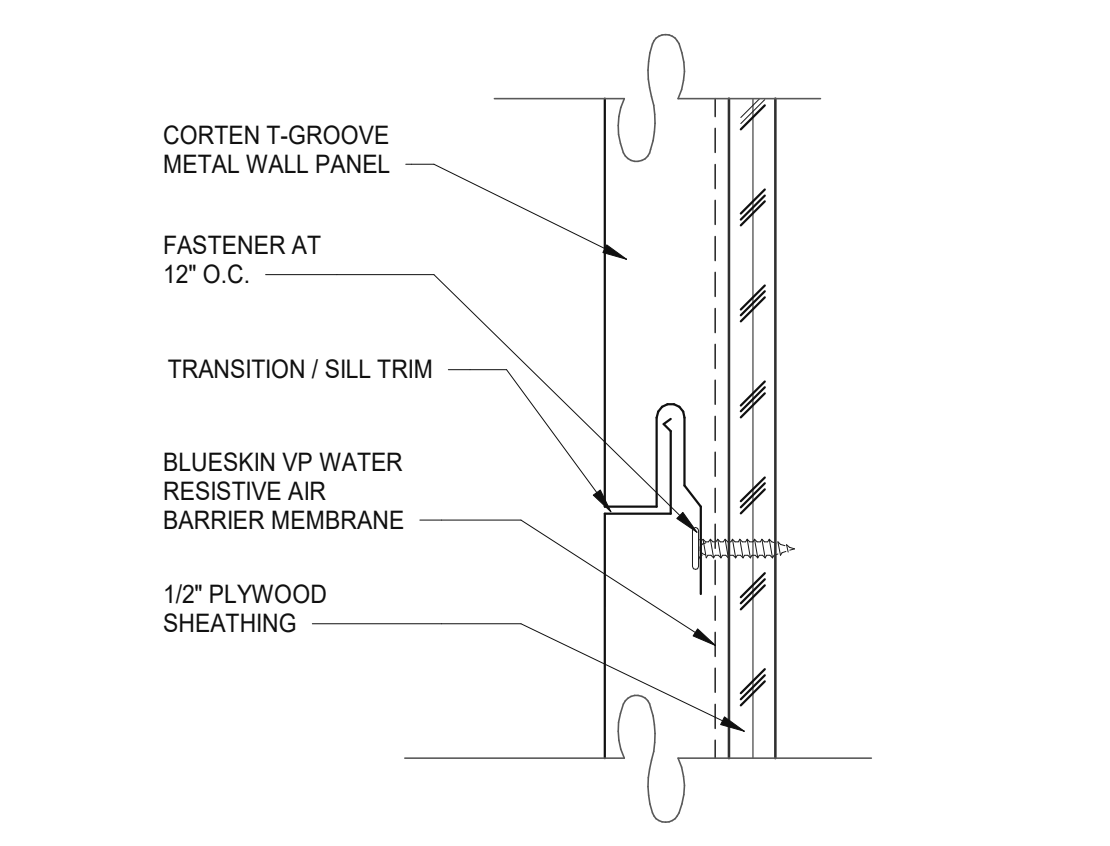
3638 WEST GALLOWAY DRIVE  
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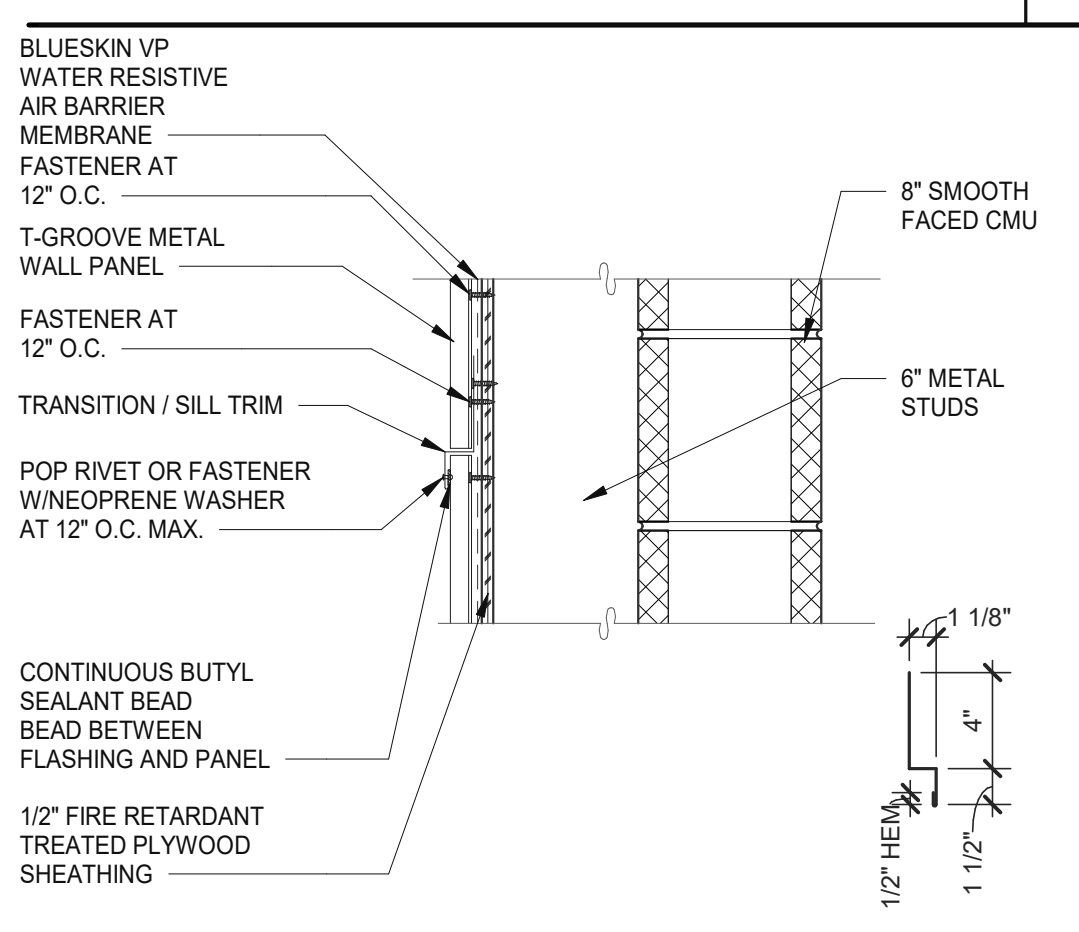
**OUTSIDE CORNER** 1 1/2" = 1'-0" **5**



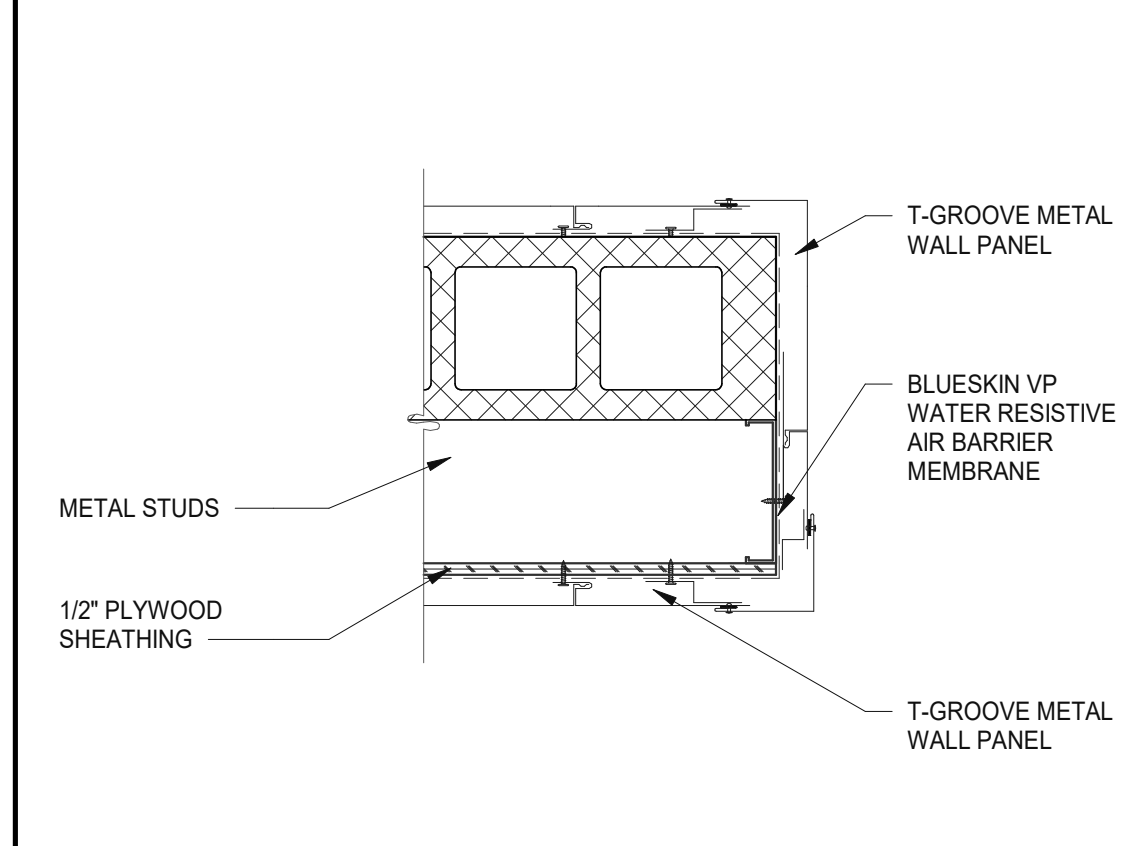
**PARAPET** 1 1/2" = 1'-0" **1**



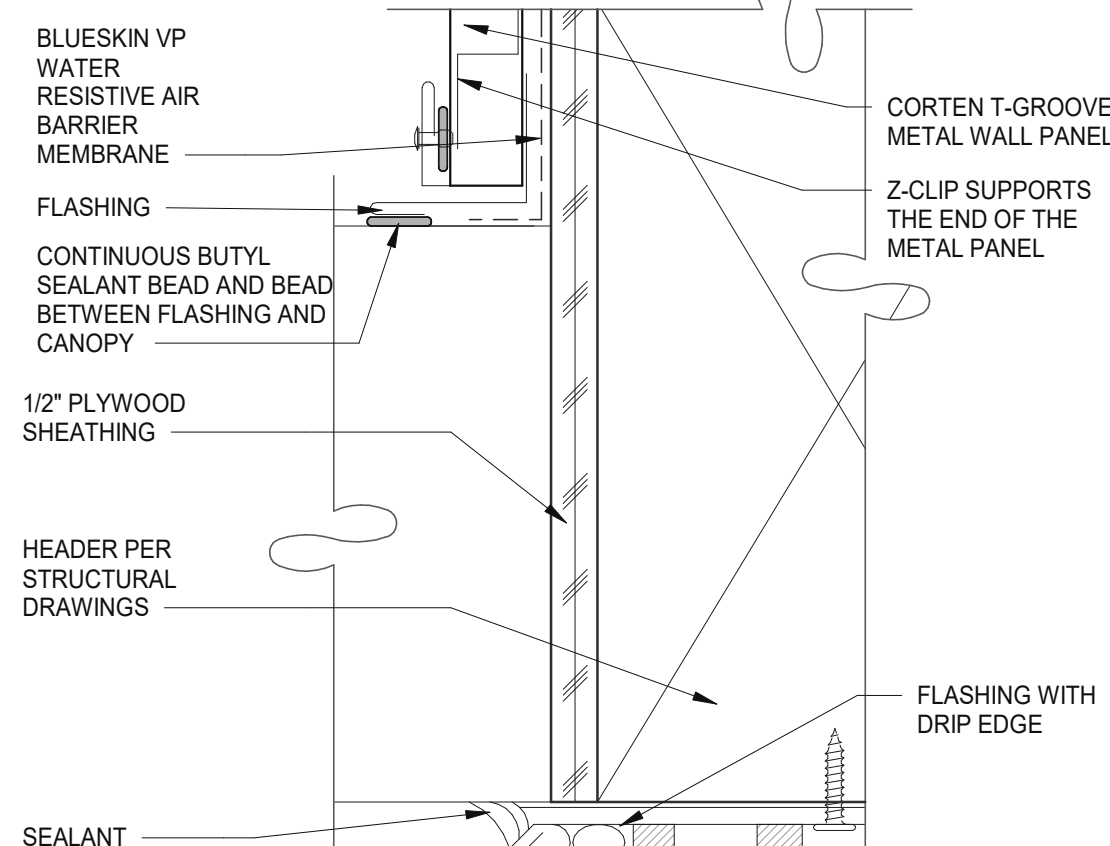
**PANEL JOINT** 6" = 1'-0" **6**



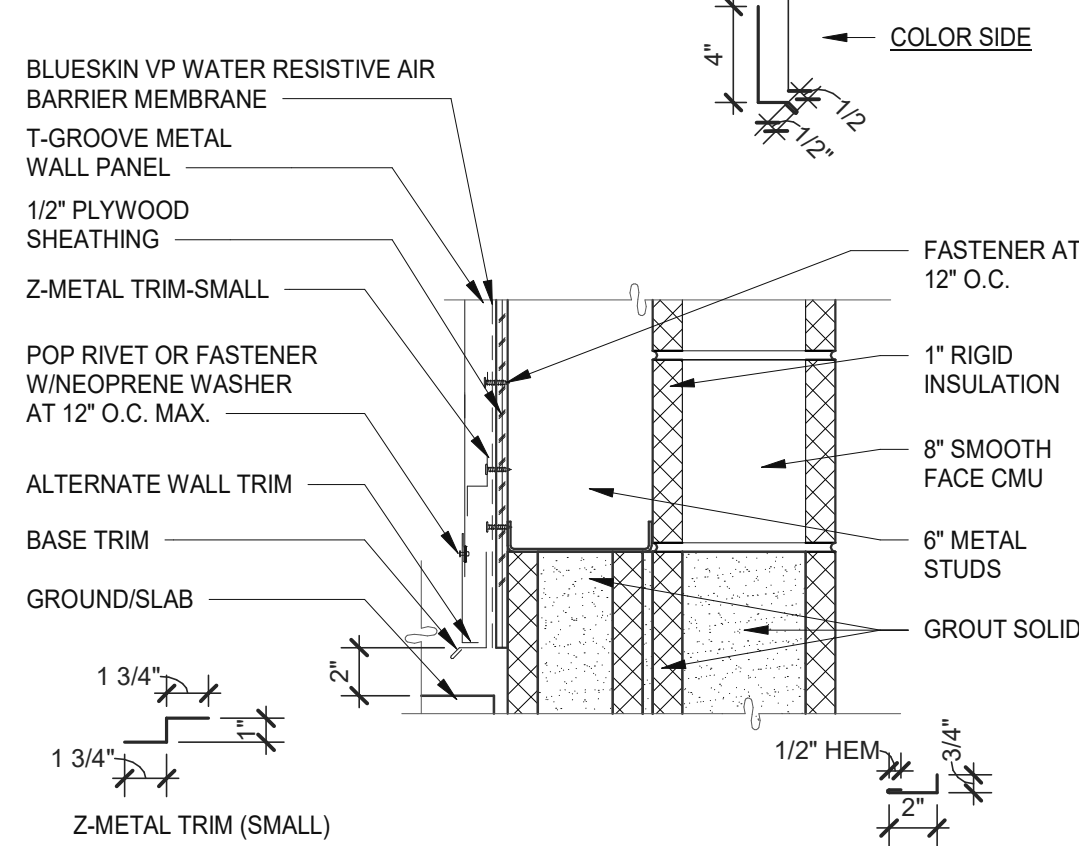
**VERTICAL PANEL JOINT** 1 1/2" = 1'-0" **2**



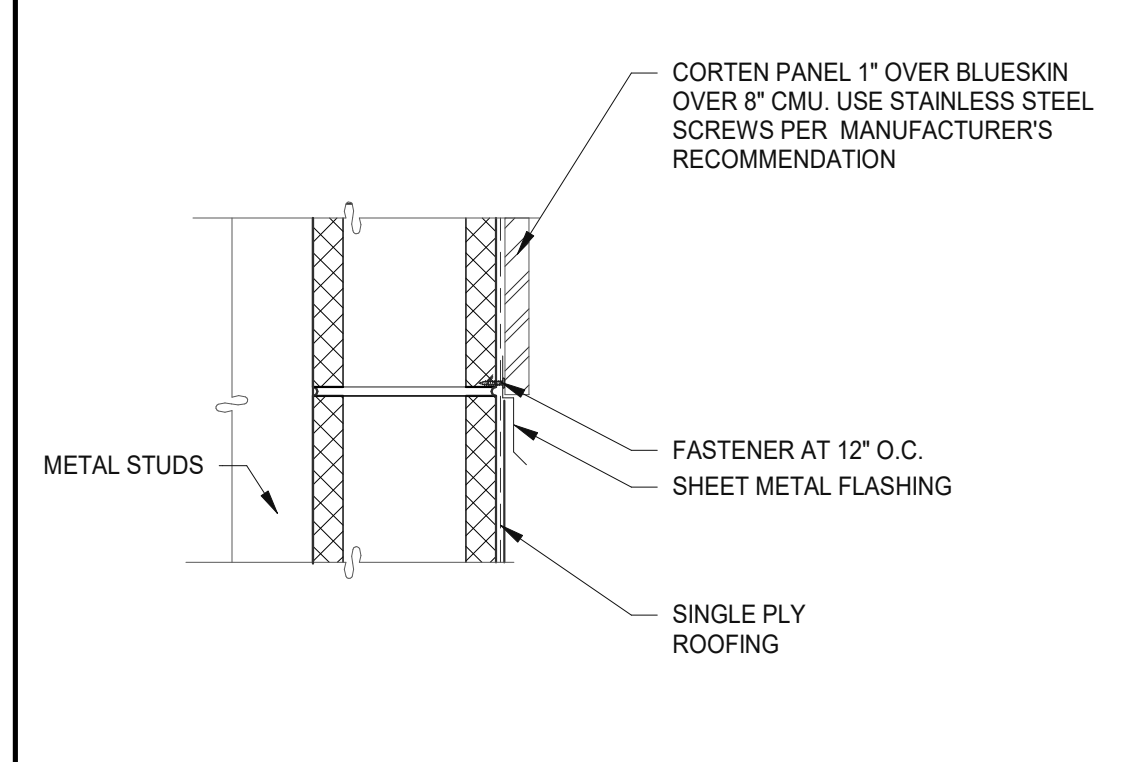
**CORTEN T-GROOVE METAL PANEL** 1 1/2" = 1'-0" **11**



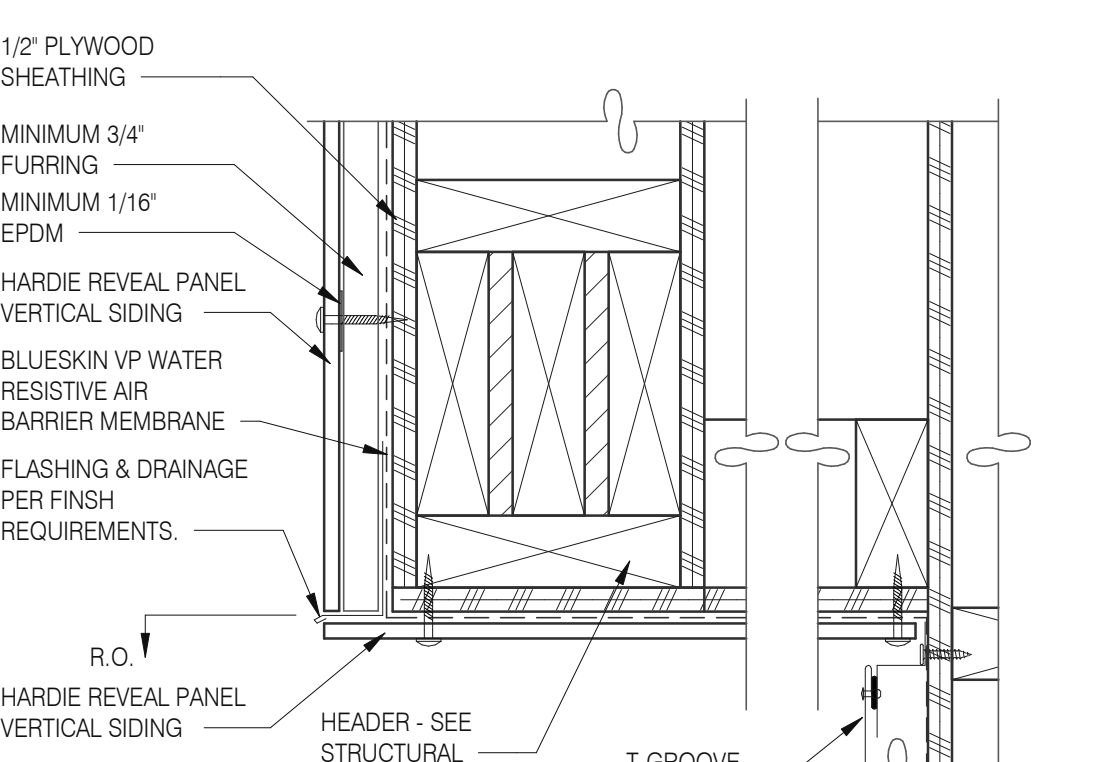
**ENLARGED CANOPY DETAIL** 6" = 1'-0" **7**



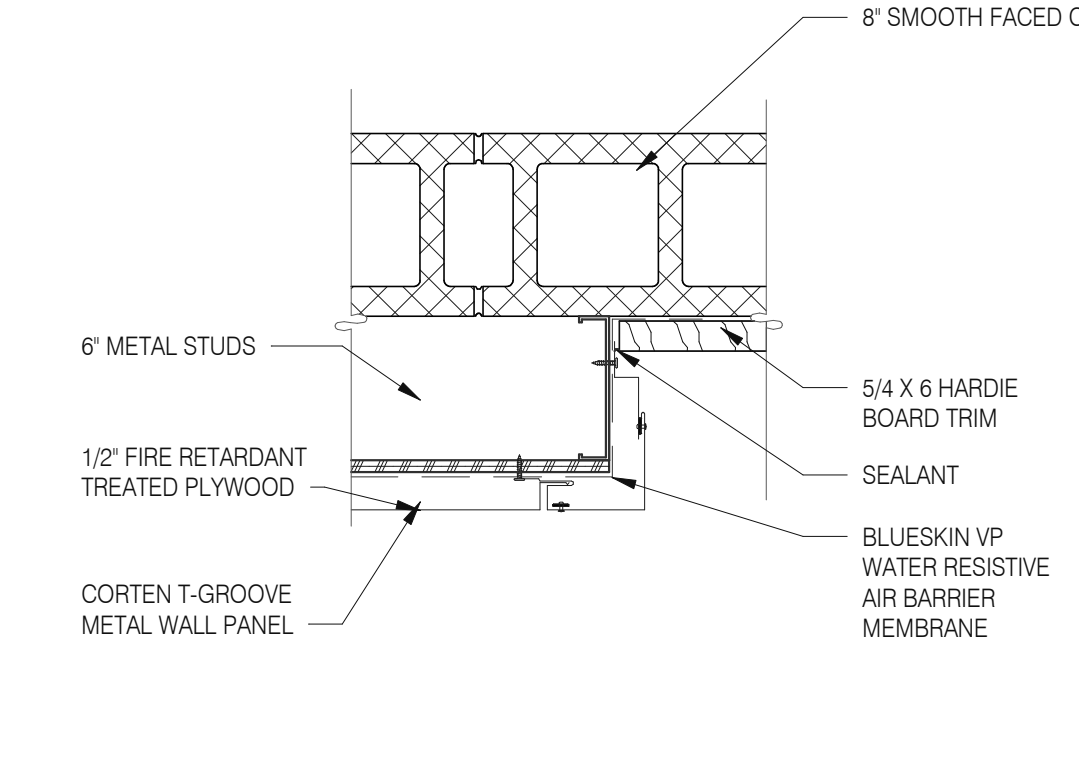
**BASE TRIM HORIZONTAL** 1 1/2" = 1'-0" **3**



**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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TACO BELL

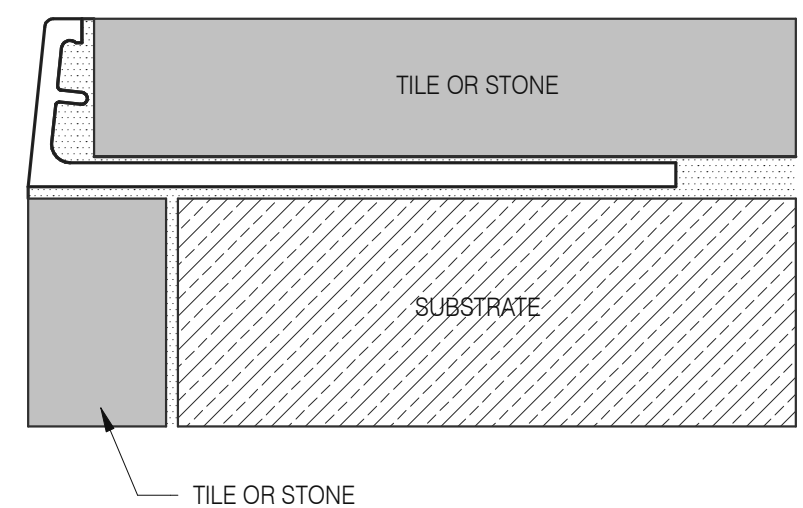
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



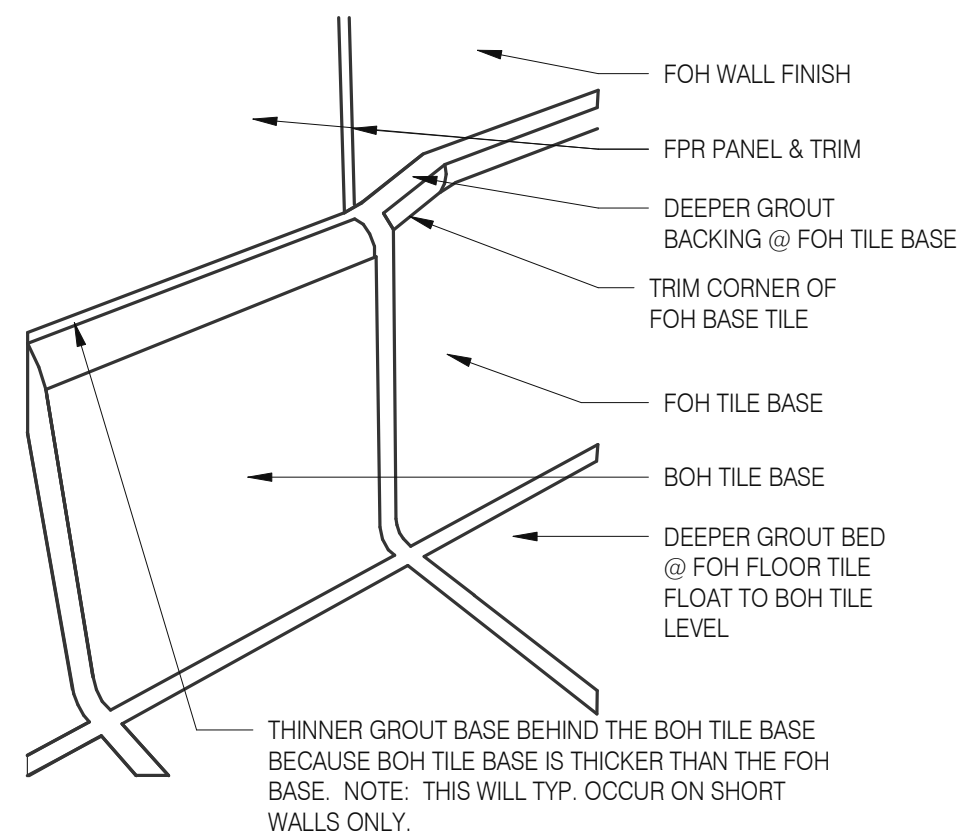
ENDEAVOR 2.0  
CONSTRUCTION  
DETAILS WALL

A6.2

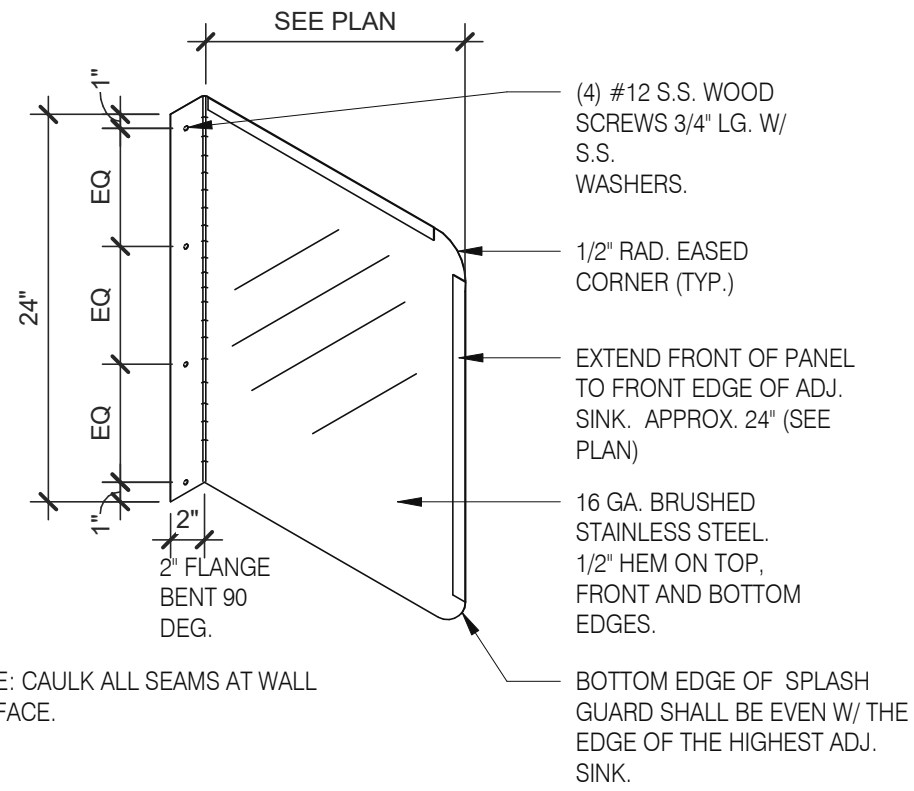
PLOT DATE: 9/7/2022 6:50:19 AM



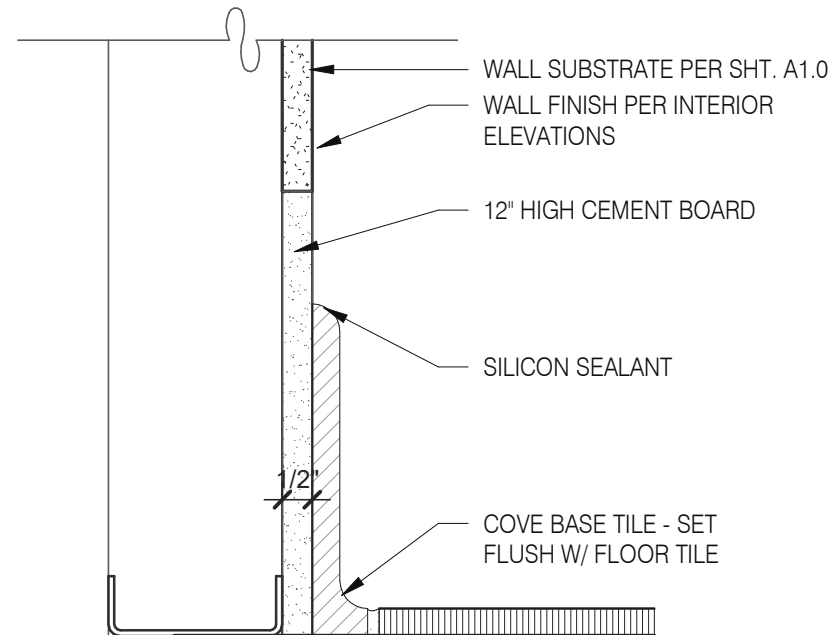
**Schluter Jolly Corner Guard** 1 1/2" = 1'-0" **17**



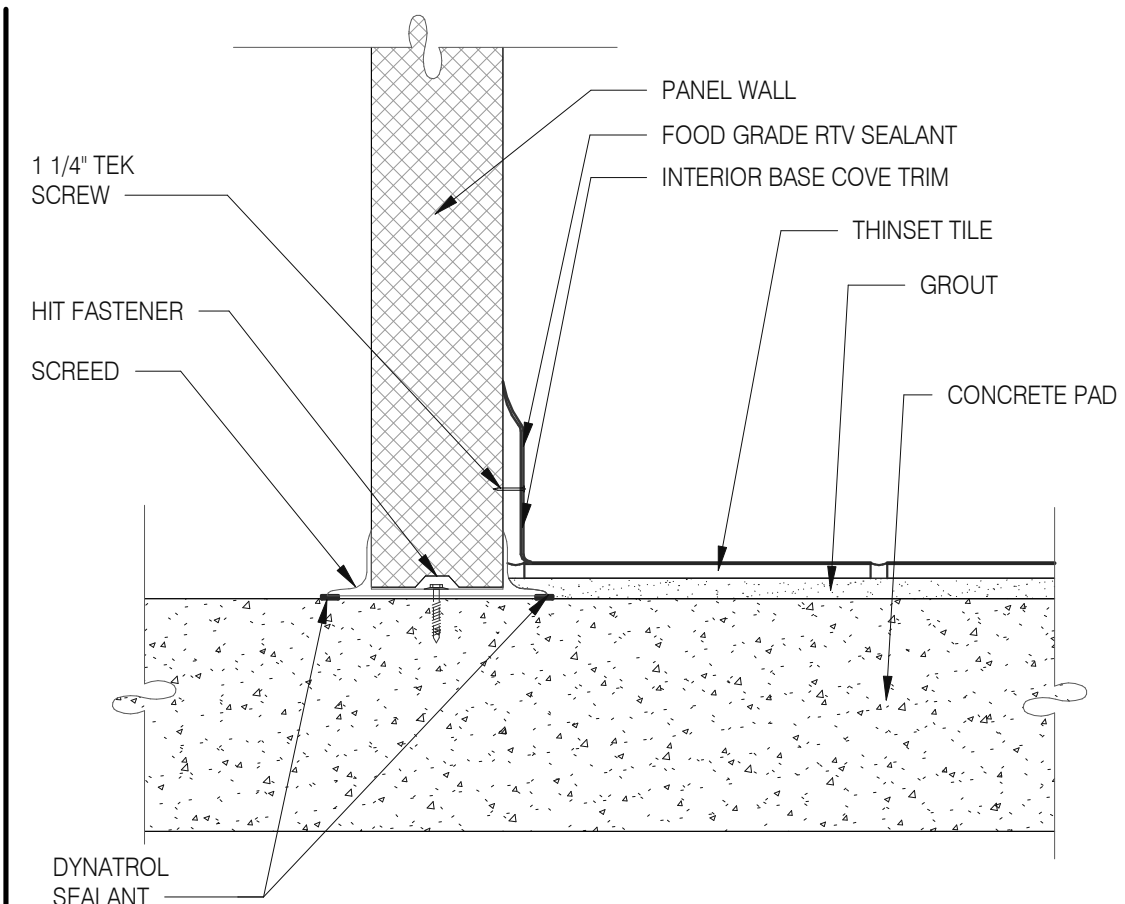
**Tile Base Transition** 12" = 1'-0" **13**



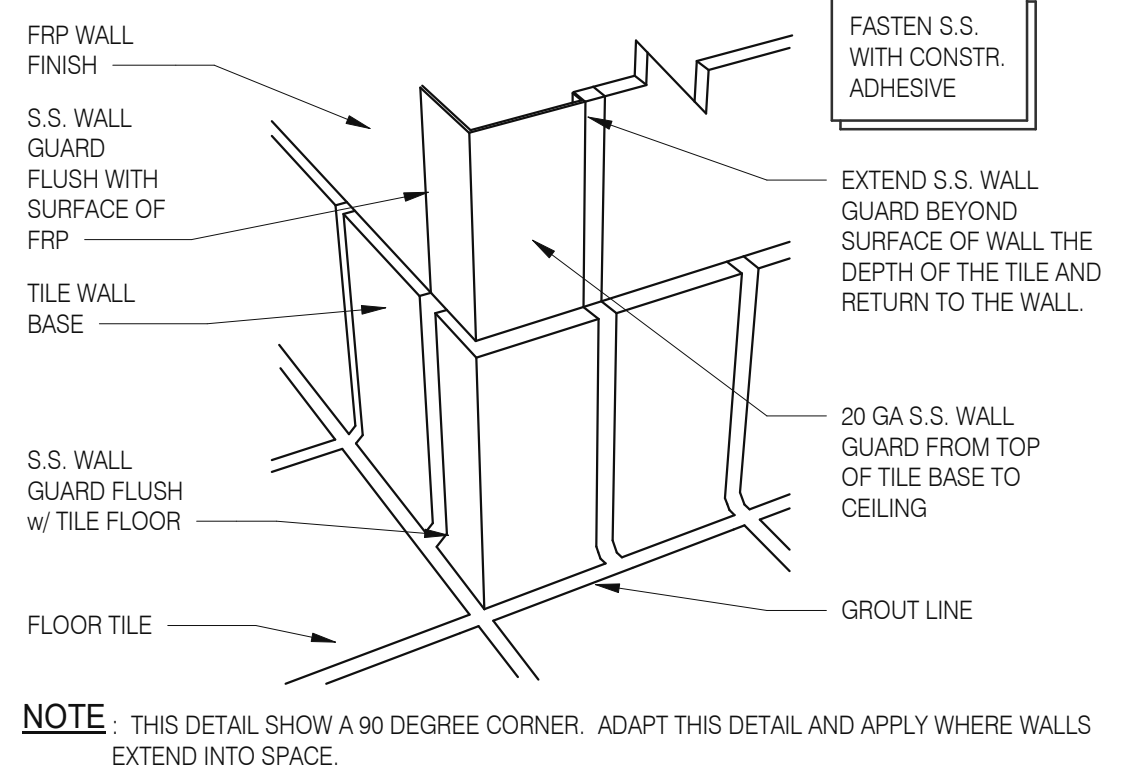
**Splash Guard** 1" = 1'-0" **9**



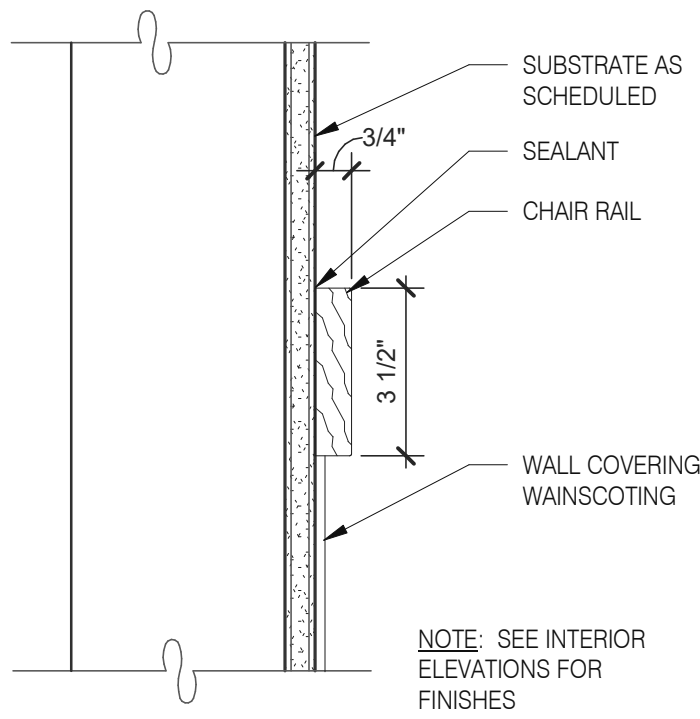
**Base @ Dining Ext. Side Walls** 3" = 1'-0" **5**



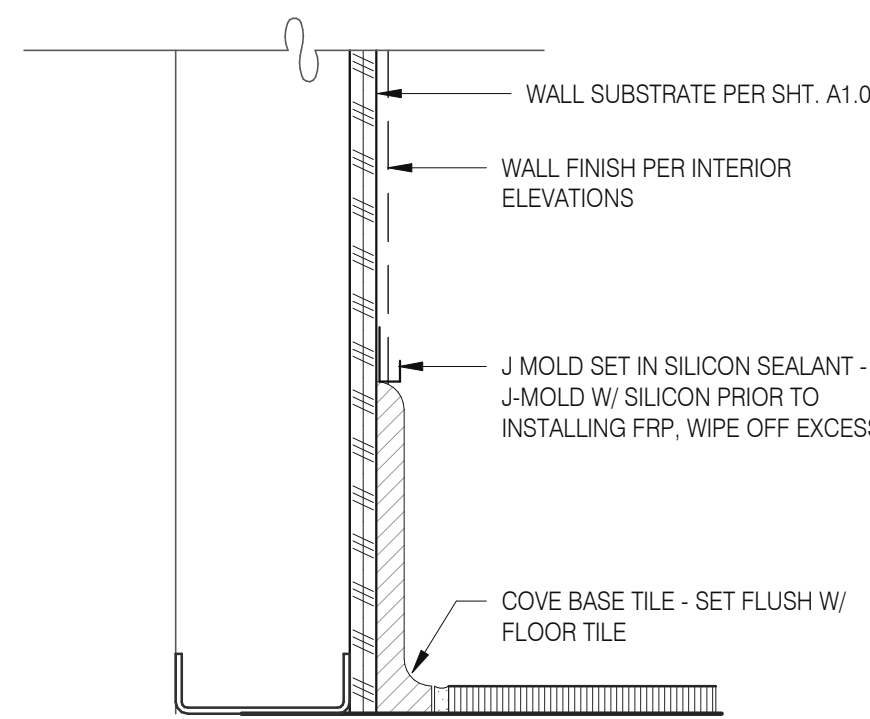
**Walk-in Tile/Base** 1 1/2" = 1'-0" **1**



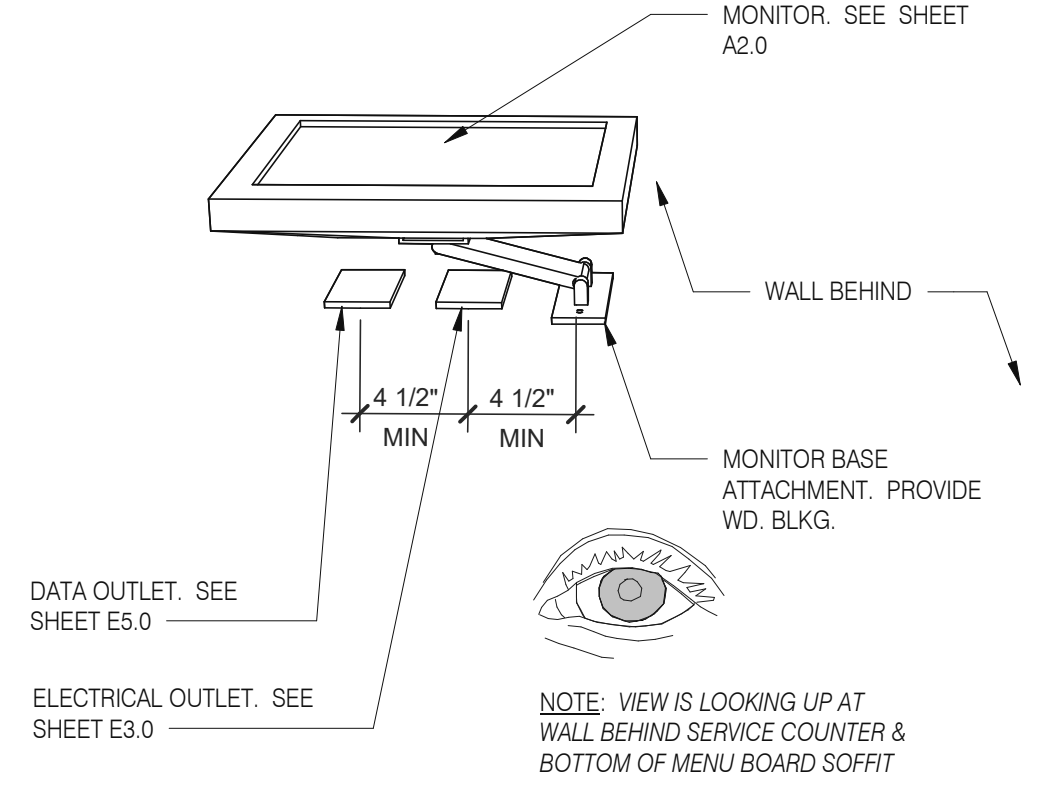
**S.S. Corner & End Wall Guard** 12" = 1'-0" **14**



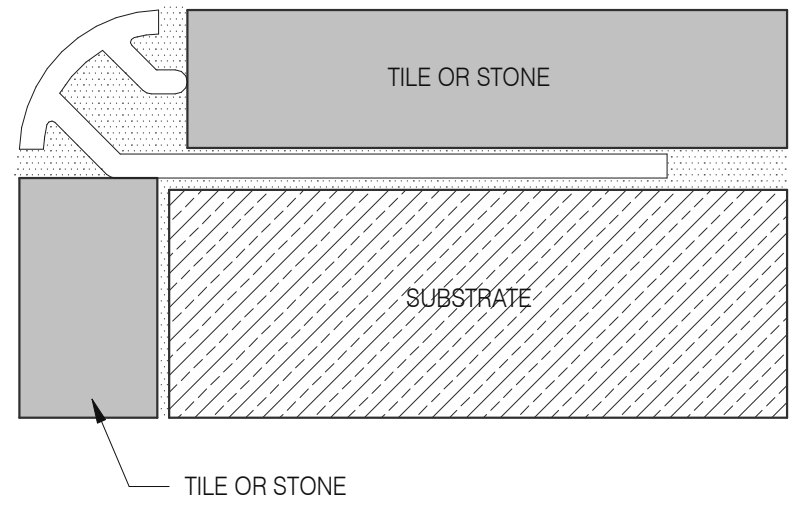
**Chair Rail Detail** 3" = 1'-0" **10**



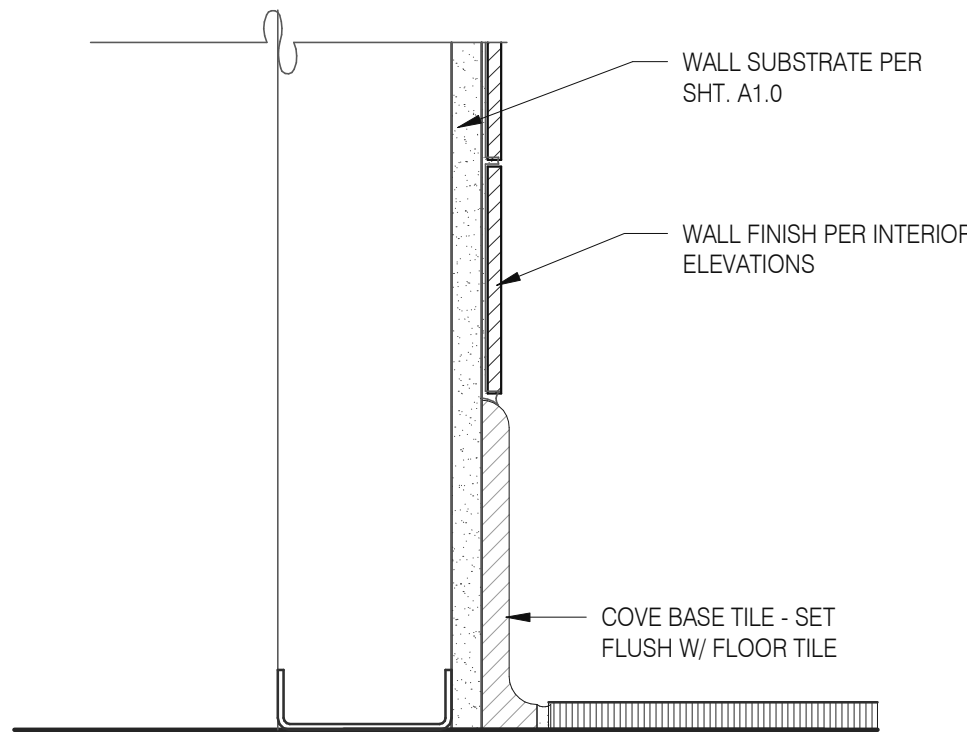
**Base @ Ext. Wall** 3" = 1'-0" **6**



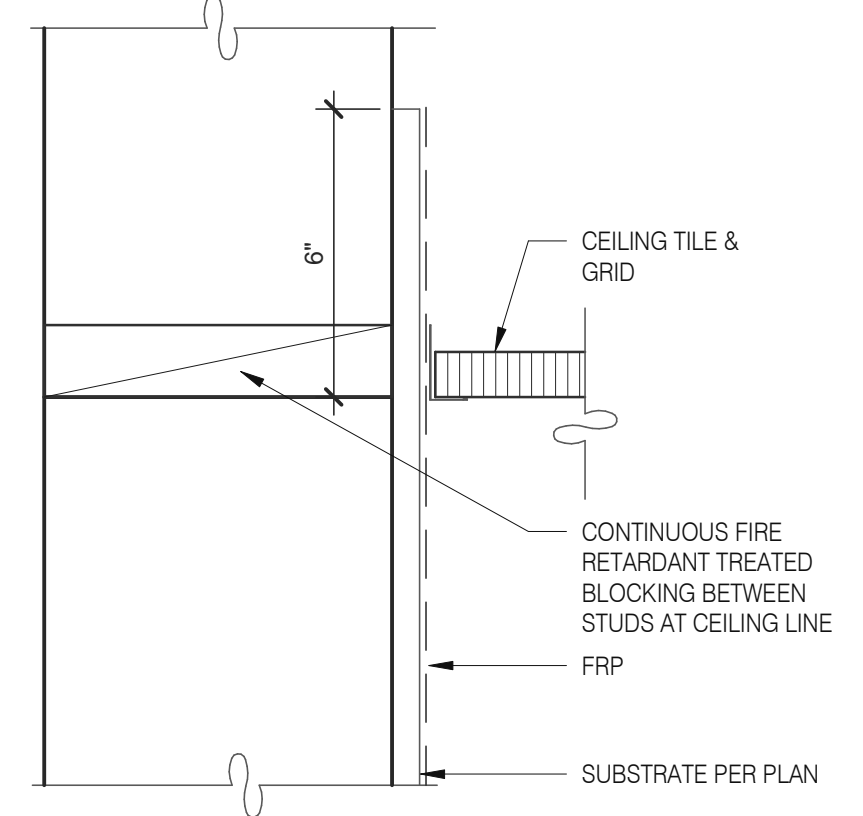
**Wall Mount Monitor** 1 1/2" = 1'-0" **2**



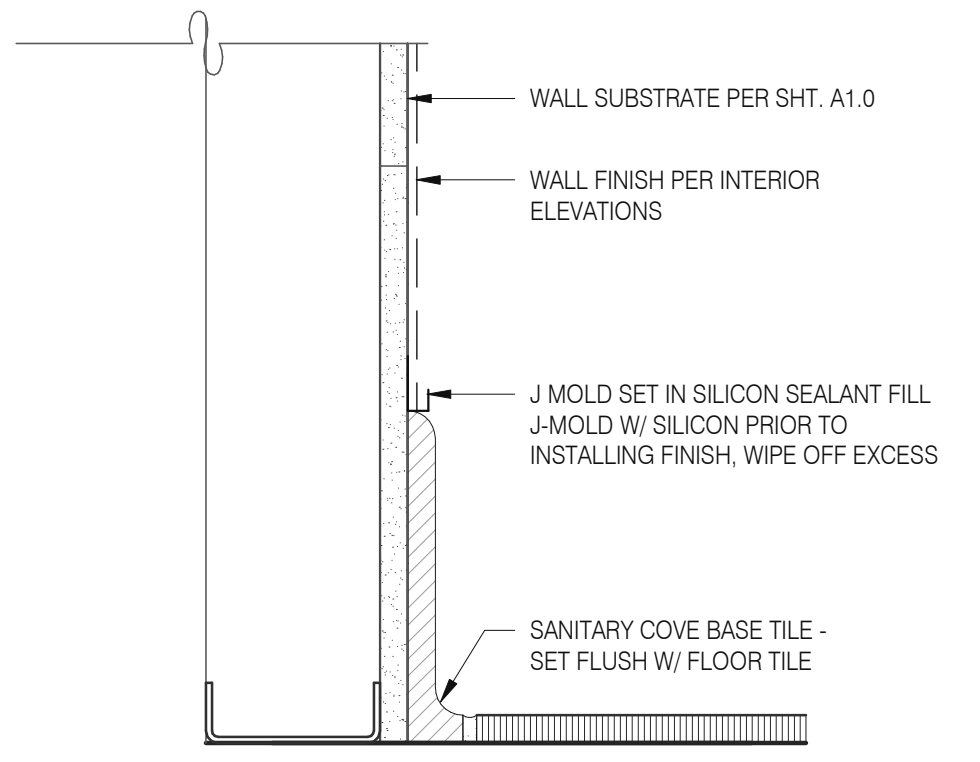
**Schluter Corner Guard** 1 1/2" = 1'-0" **15**



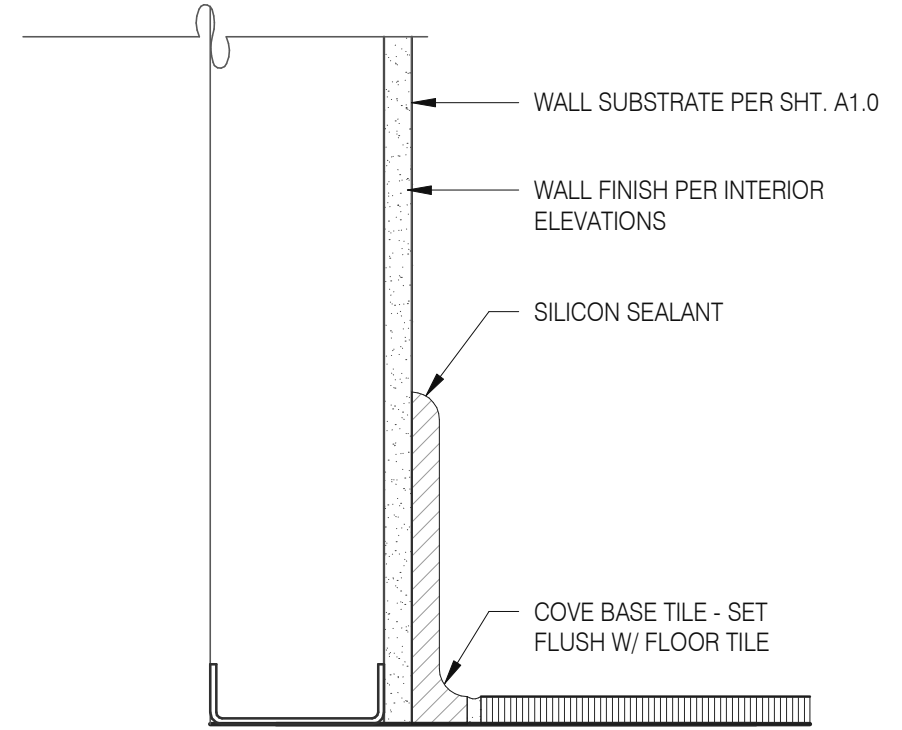
**Base in Restroom** 3" = 1'-0" **7**



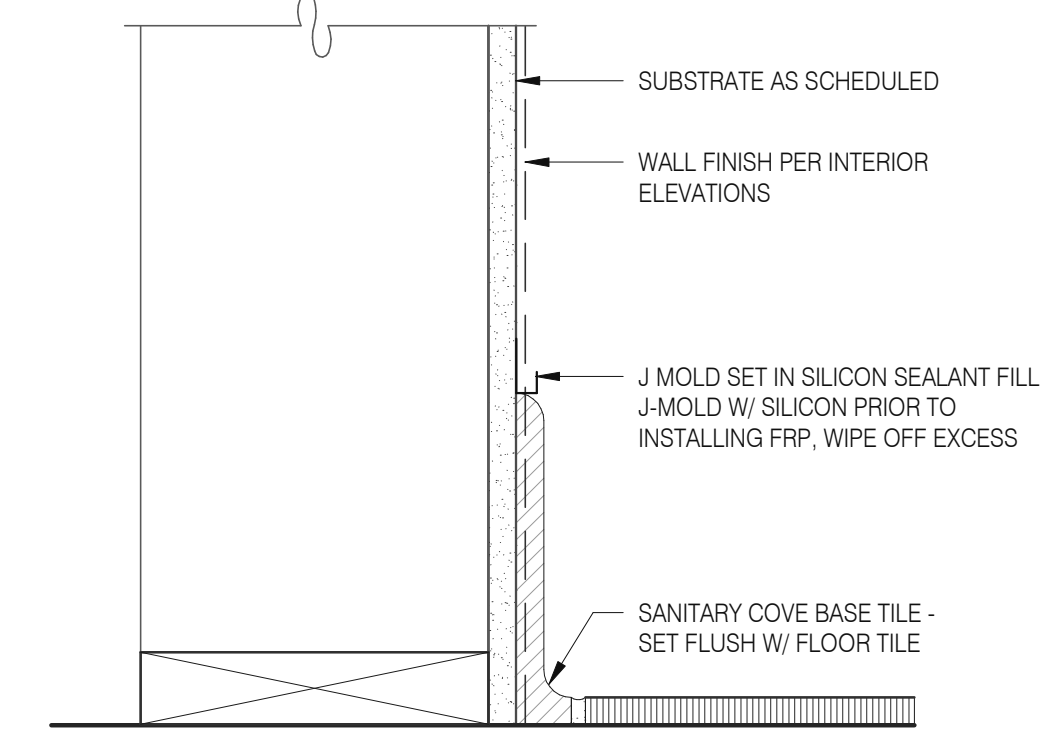
**Kitchen Finish @ Ceiling** 3" = 1'-0" **3**



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



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



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

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TACO BELL

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WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
FINISH DETAILS

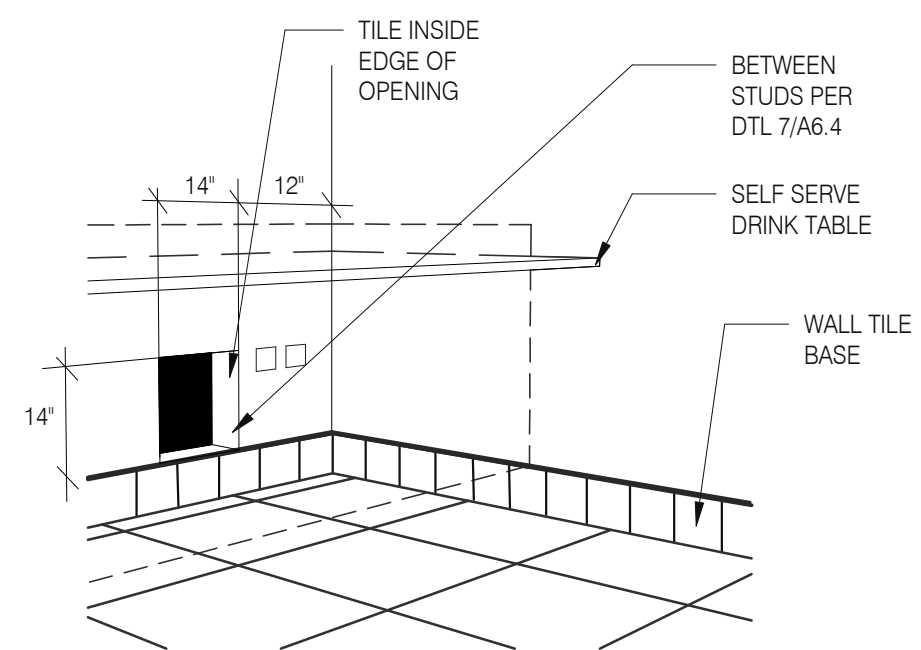
A6.3

PLOT DATE: 9/7/2022 6:50:20 AM



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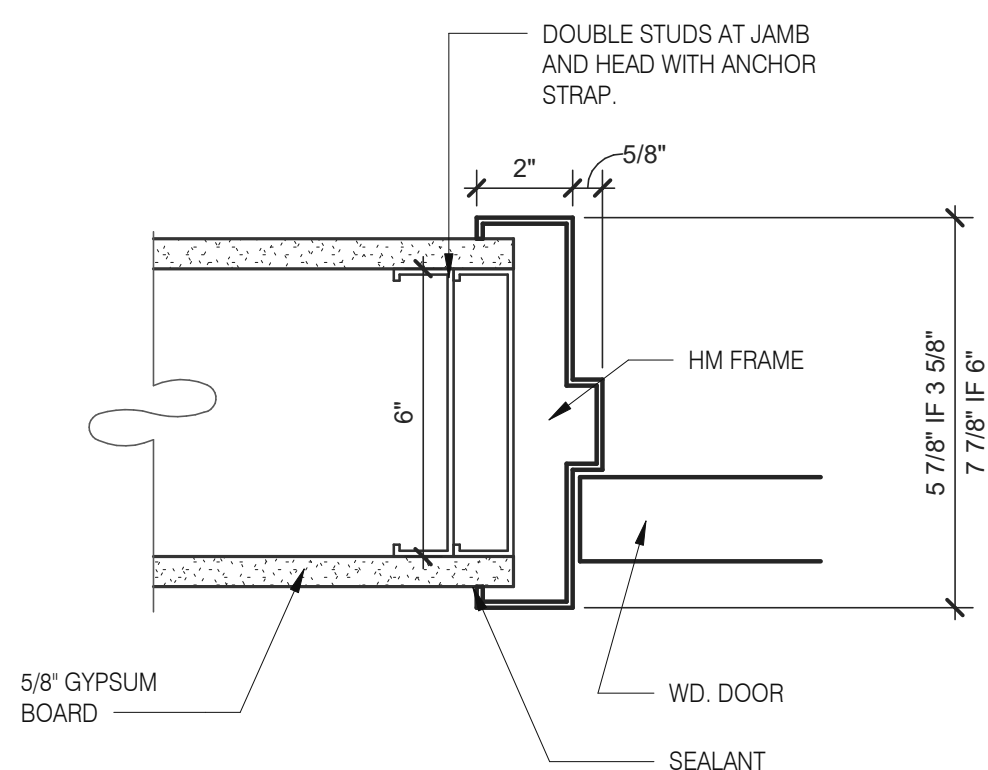
3638 WEST GALLOWAY DRIVE  
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**WALL PASS THRU**

N.T.S.

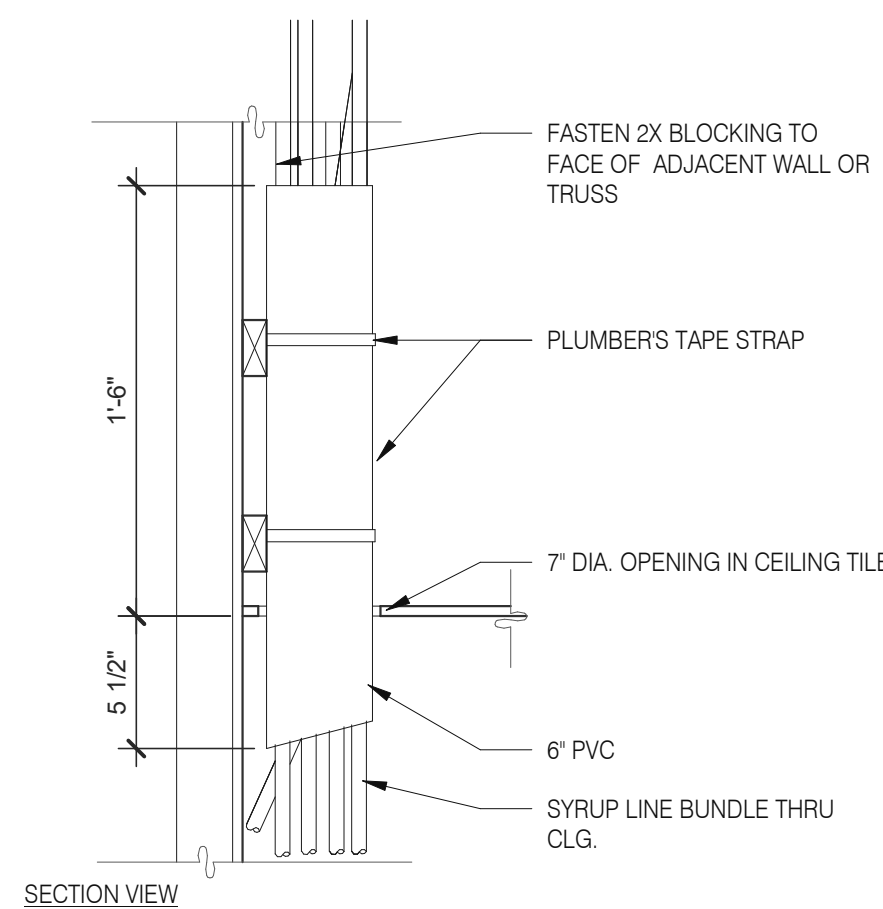
**8**



**HEAD/JAMB @ H.M. DOOR**

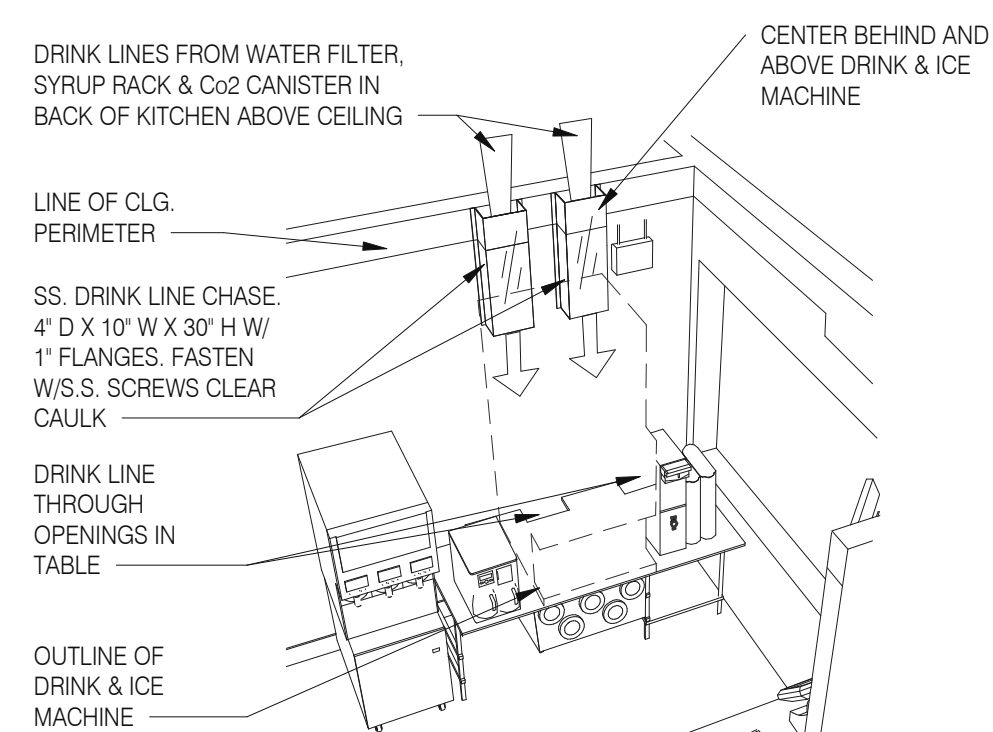
N.T.S.

**6**



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

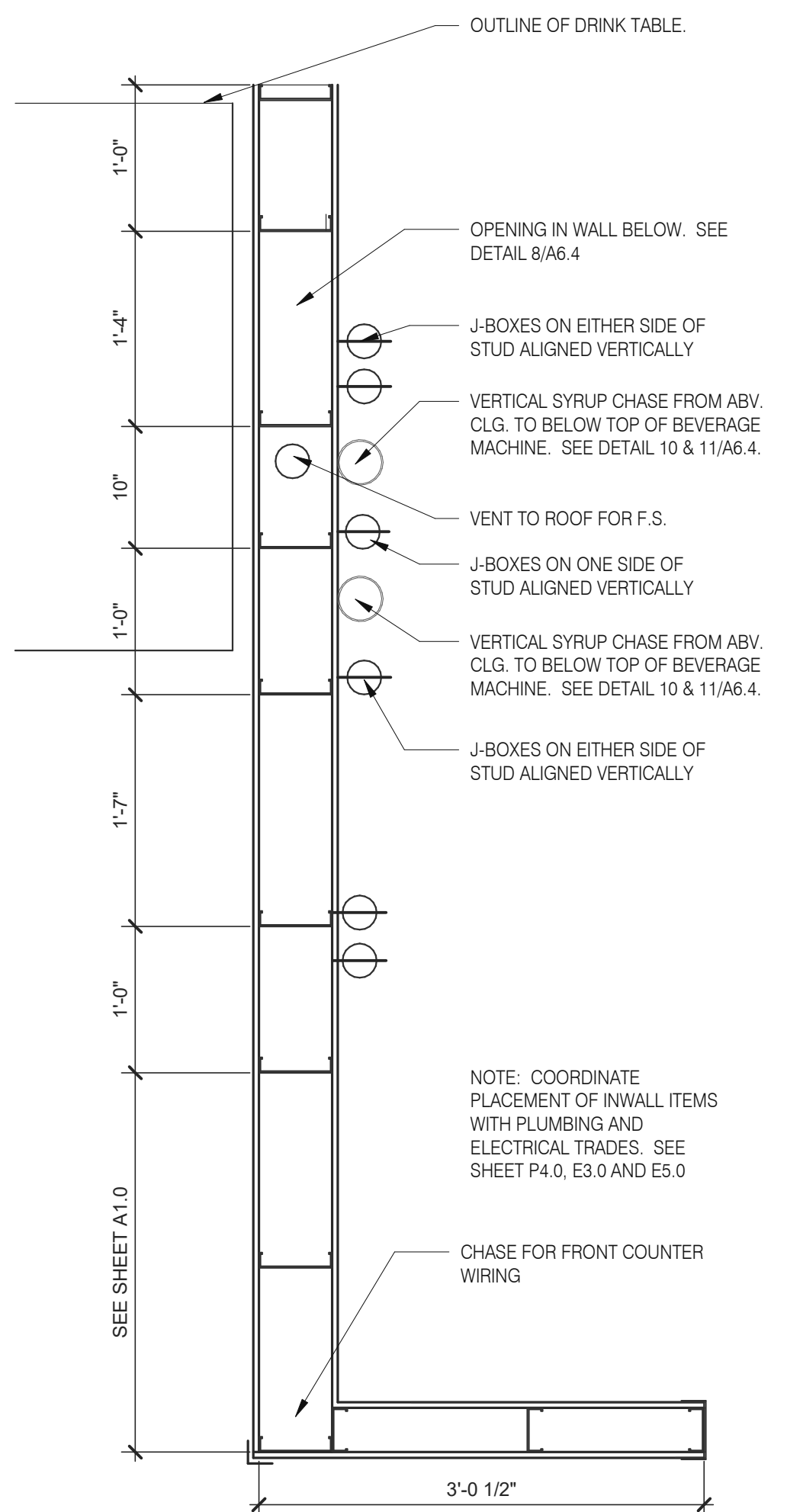
**10**



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

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

**11**



**INTERIOR CHASE WALL**

N.T.S.

**7**

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PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

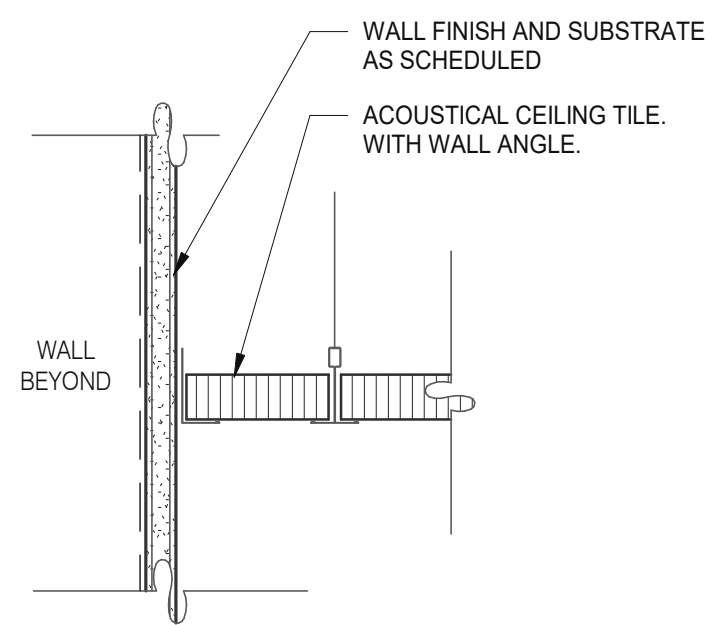
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



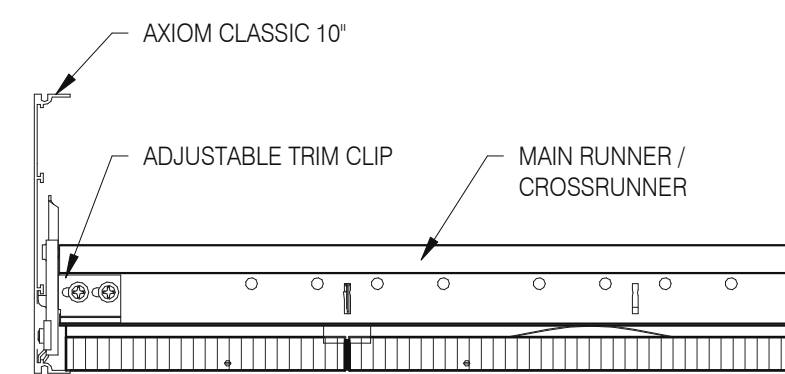
ENDEAVOR 2.0  
**CONSTRUCTION  
DETAILS  
INTERIOR**

**A6.4**

PLOT DATE: 9/7/2022 6:50:21 AM

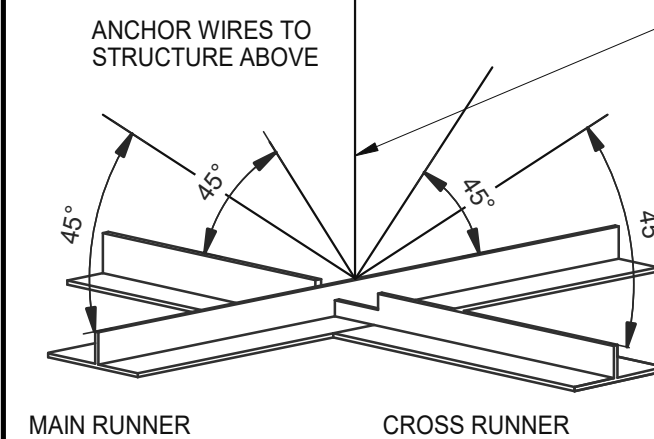


**GYPSUM BOARD TRANSITION** 3" = 1'-0" 17



**ASSEMBLY CLIP-ON** 3" = 1'-0" 13

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



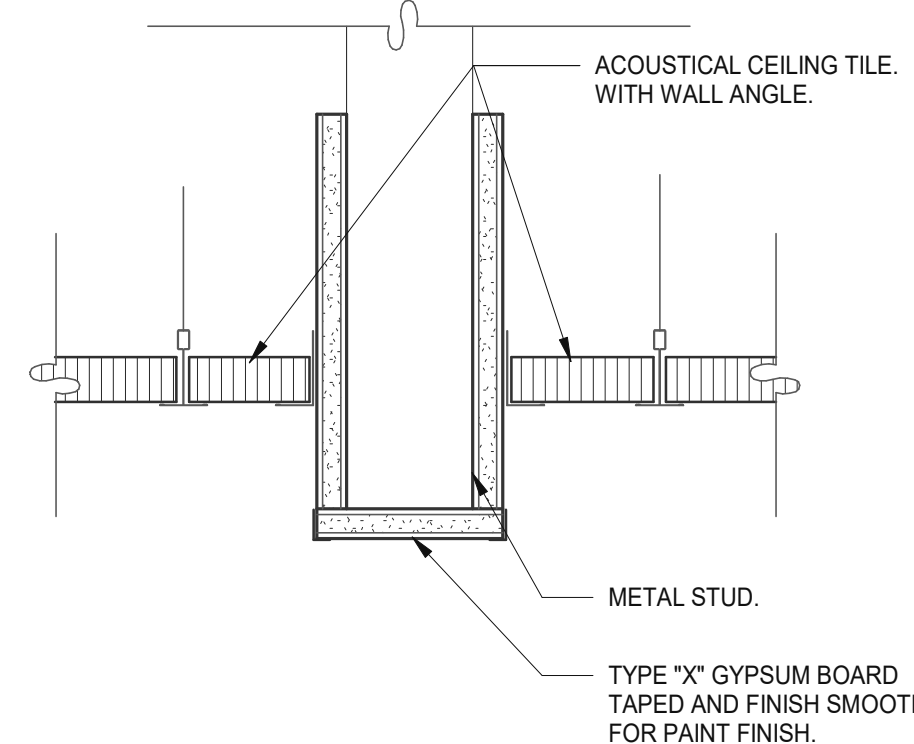
**SUSPENDED ACOUSTICAL CEILING** 3" = 1'-0" 9

AT SUSPENDED CEILING: VERTICAL HANGER WIRE AT 4'-0" O.C. W/ (2) 1 1/2" X 8" GA. STAPLES @ LOOP & (1) ACROSS LAP. 3 FULL TURNS MINIMUM WITHIN 3" LENGTH

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

NOTE:

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



**CEILING HEADER TRANSITION** 3" = 1'-0" 5

MEMBER DEPTH:

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

FLANGE WIDTH:

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

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

MATERIAL THICKNESS:

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

CEILING SPAN TABLE NOTES:

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

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

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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

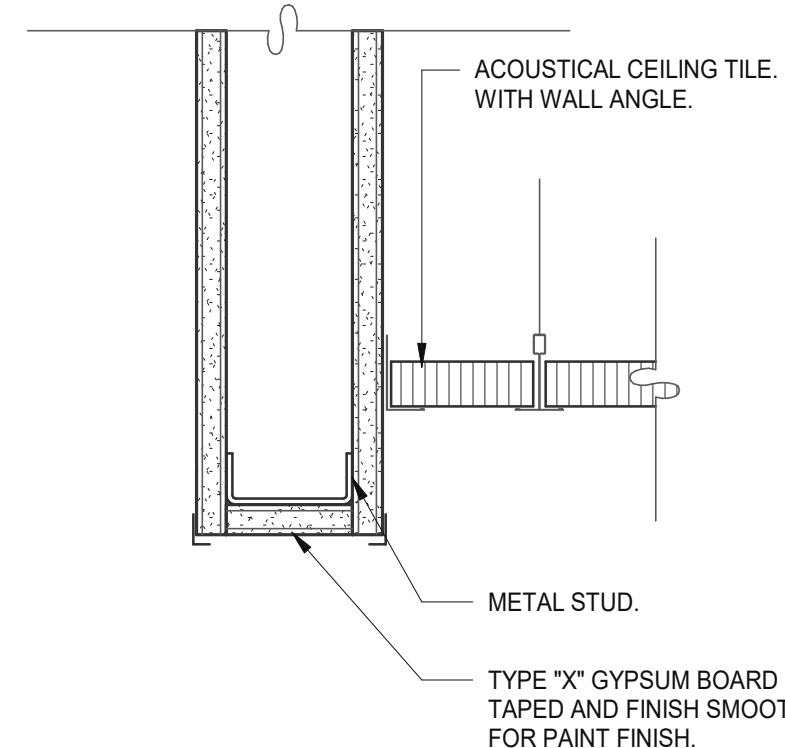
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



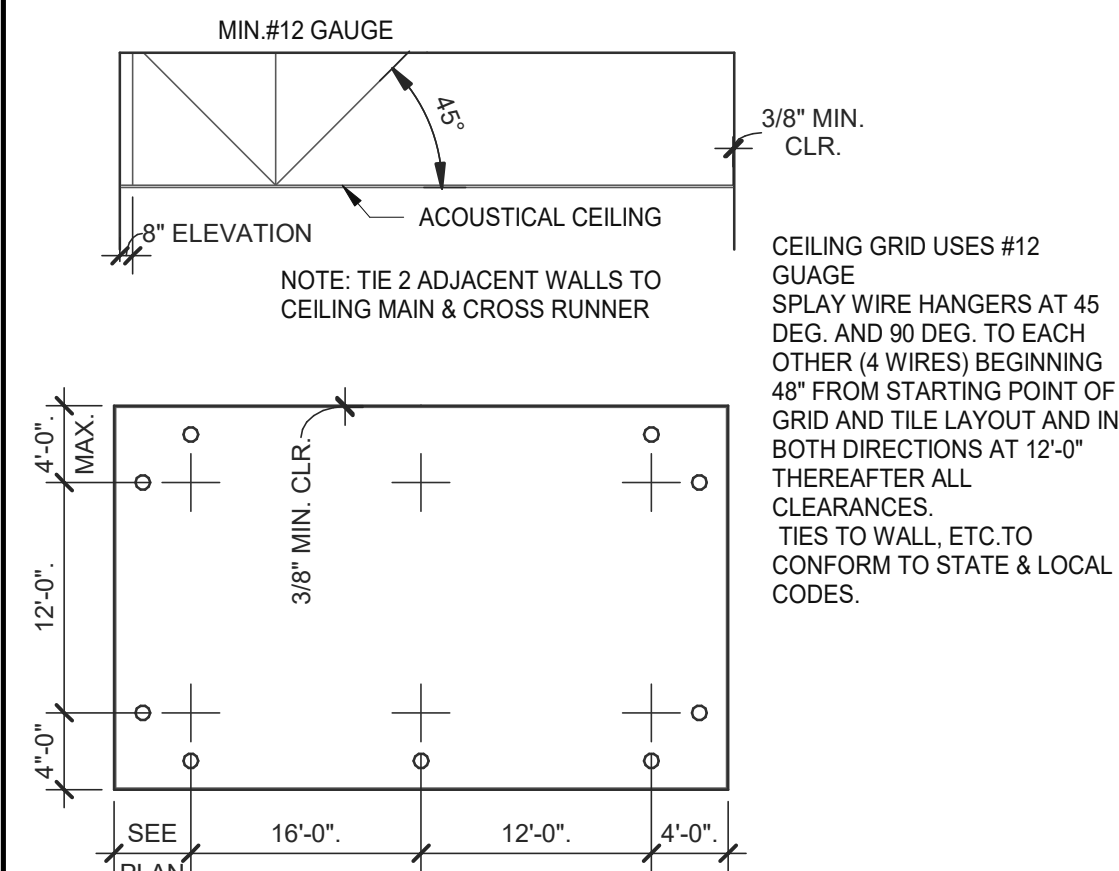
**ENDEAVOR 2.0  
CEILING  
DETAILS**

**A6.5**

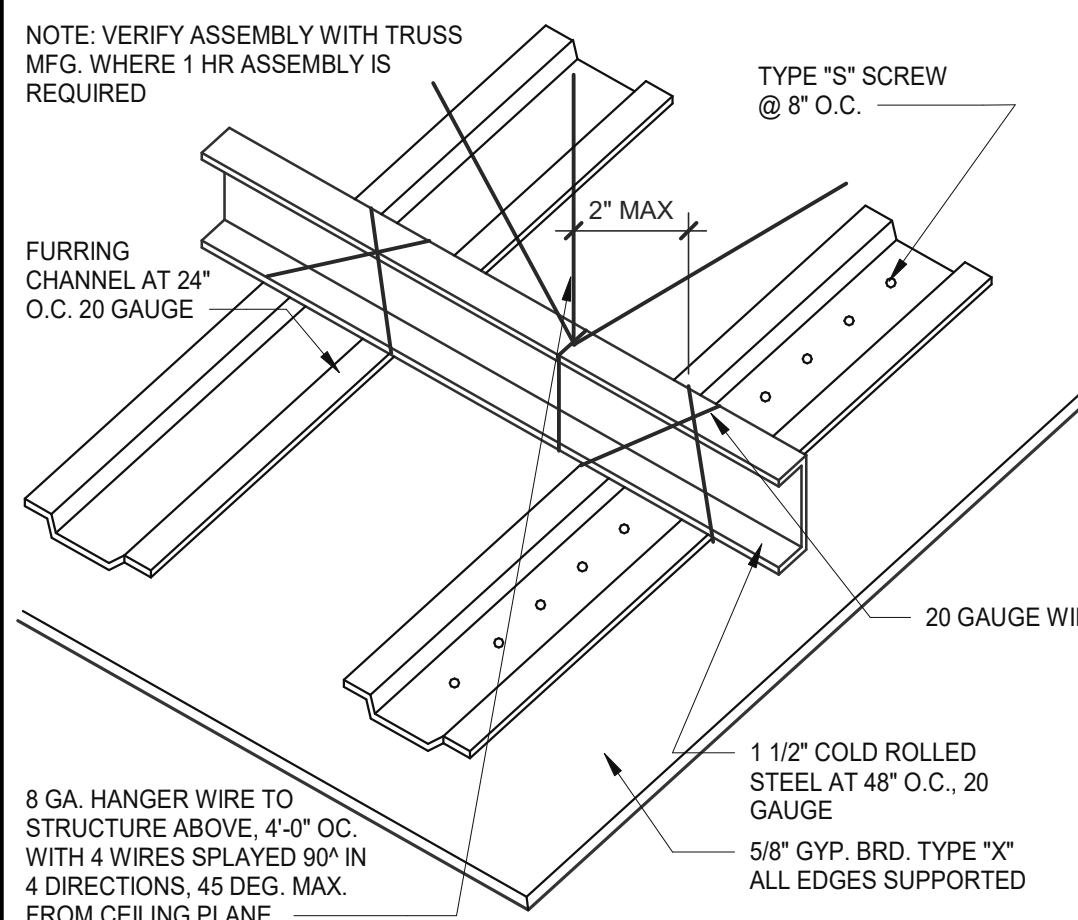
PLOT DATE: 9/7/2022 6:50:22 AM



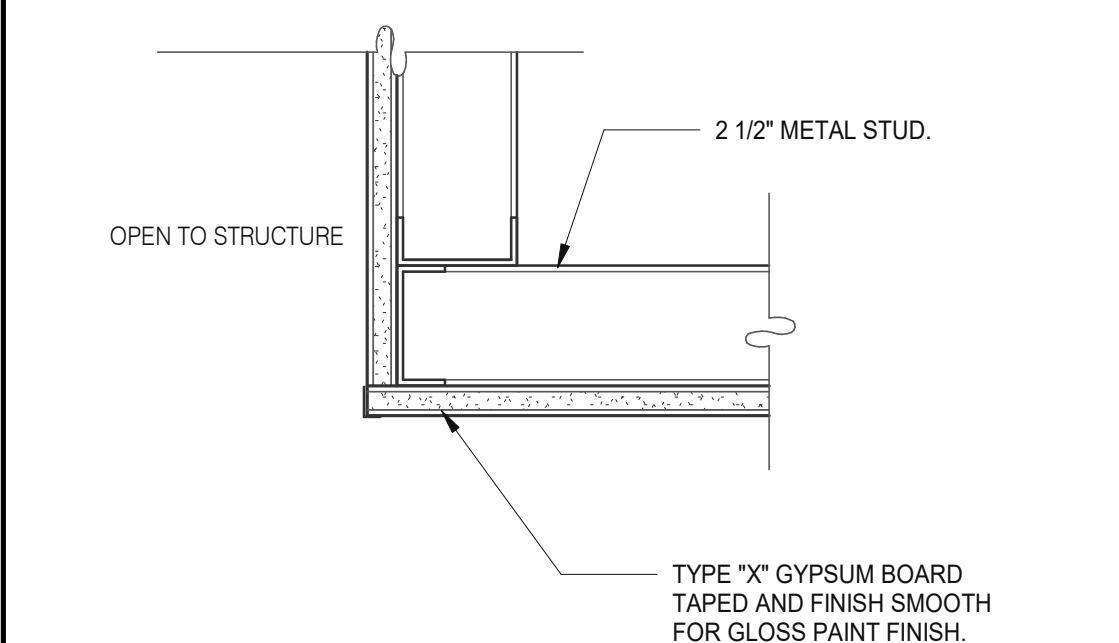
**CEILING HEADER TRANSITION** 3" = 1'-0" 14



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



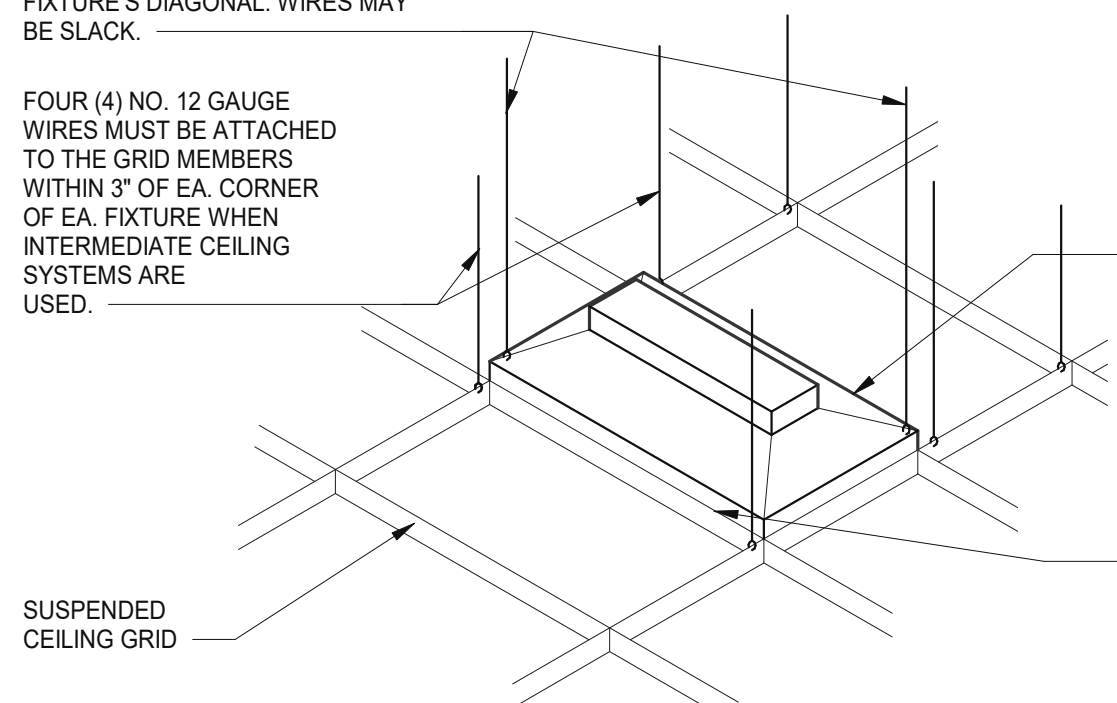
**GYPSUM BOARD CEILING** 3" = 1'-0" 6



**CEILING TRANSITION** 3" = 1'-0" 11

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

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



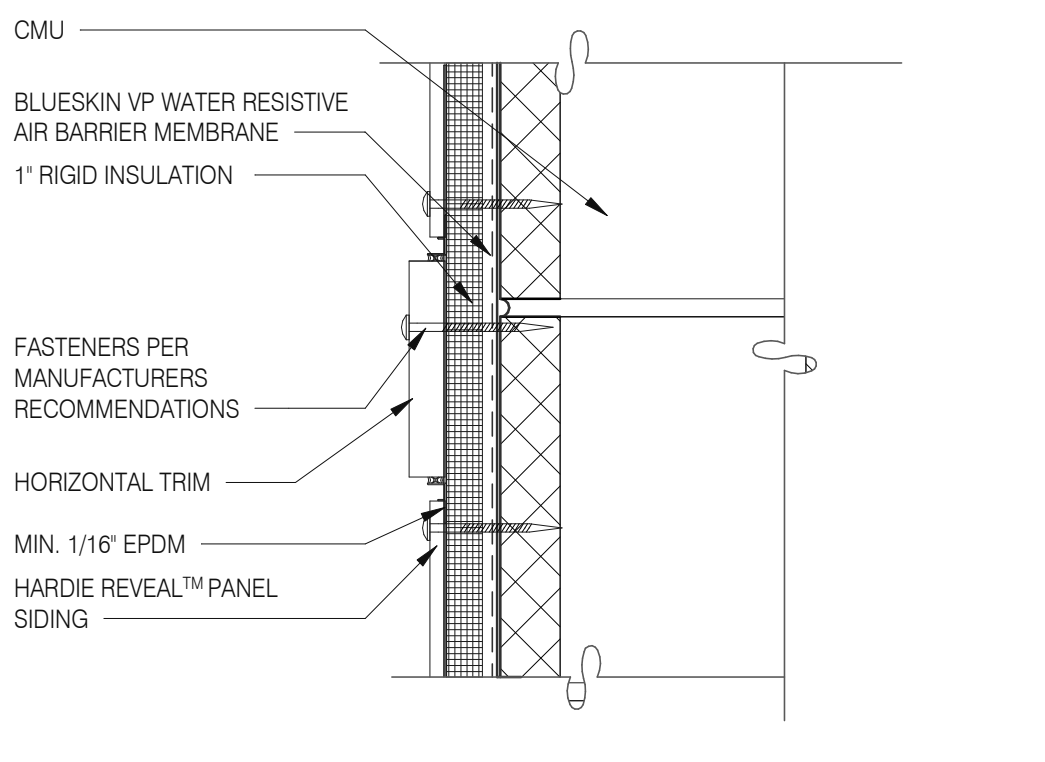
**LIGHT FIXTURE @ SUSP. CLNG.** 12" = 1'-0" 8

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

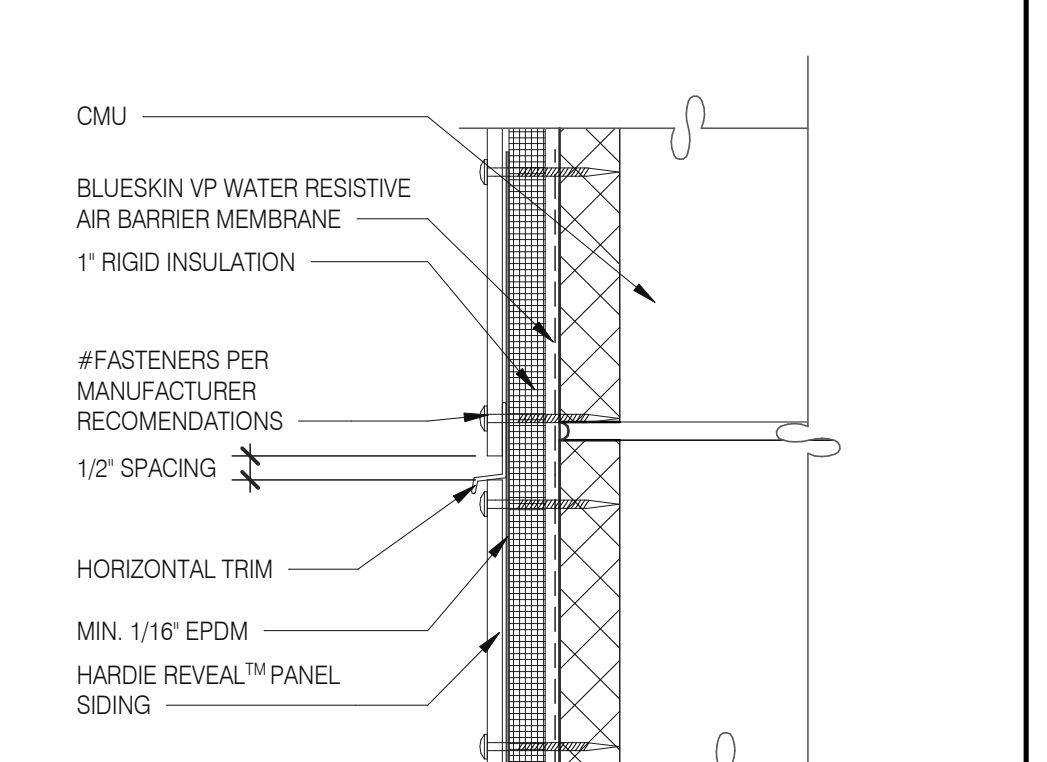
LIGHT FIXTURE (LESS THAN 56 LBS.)

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

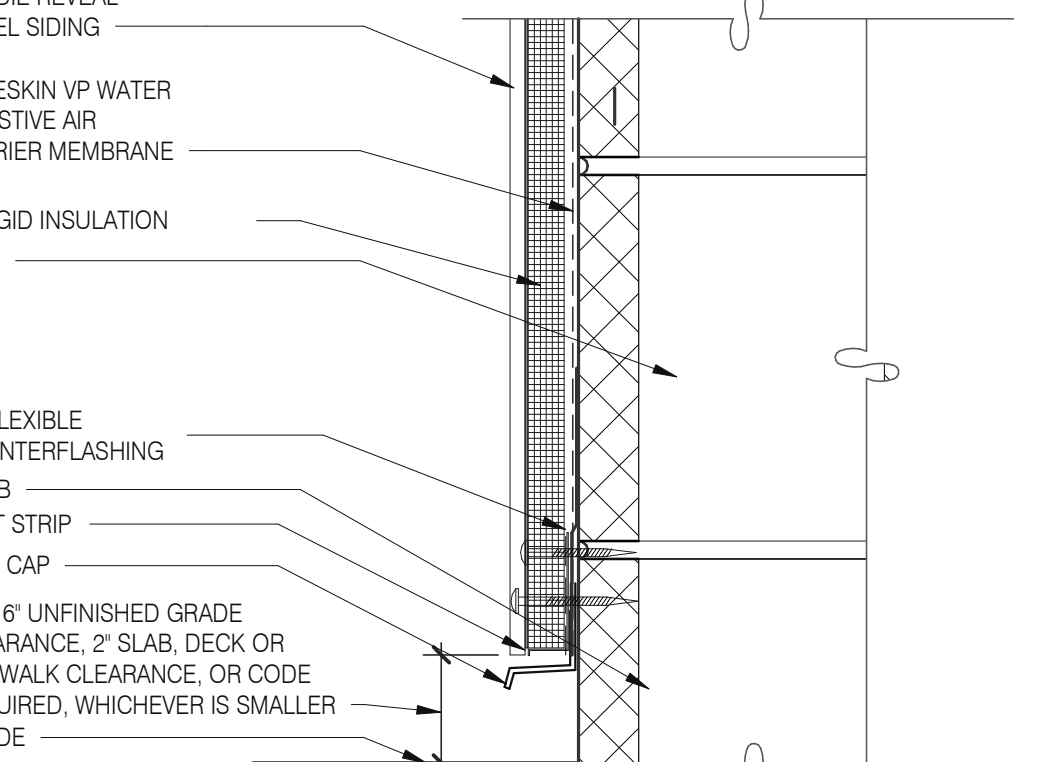
**ALLOWABLE CEILING SPANS-L/240** 12" = 1'-0" 3



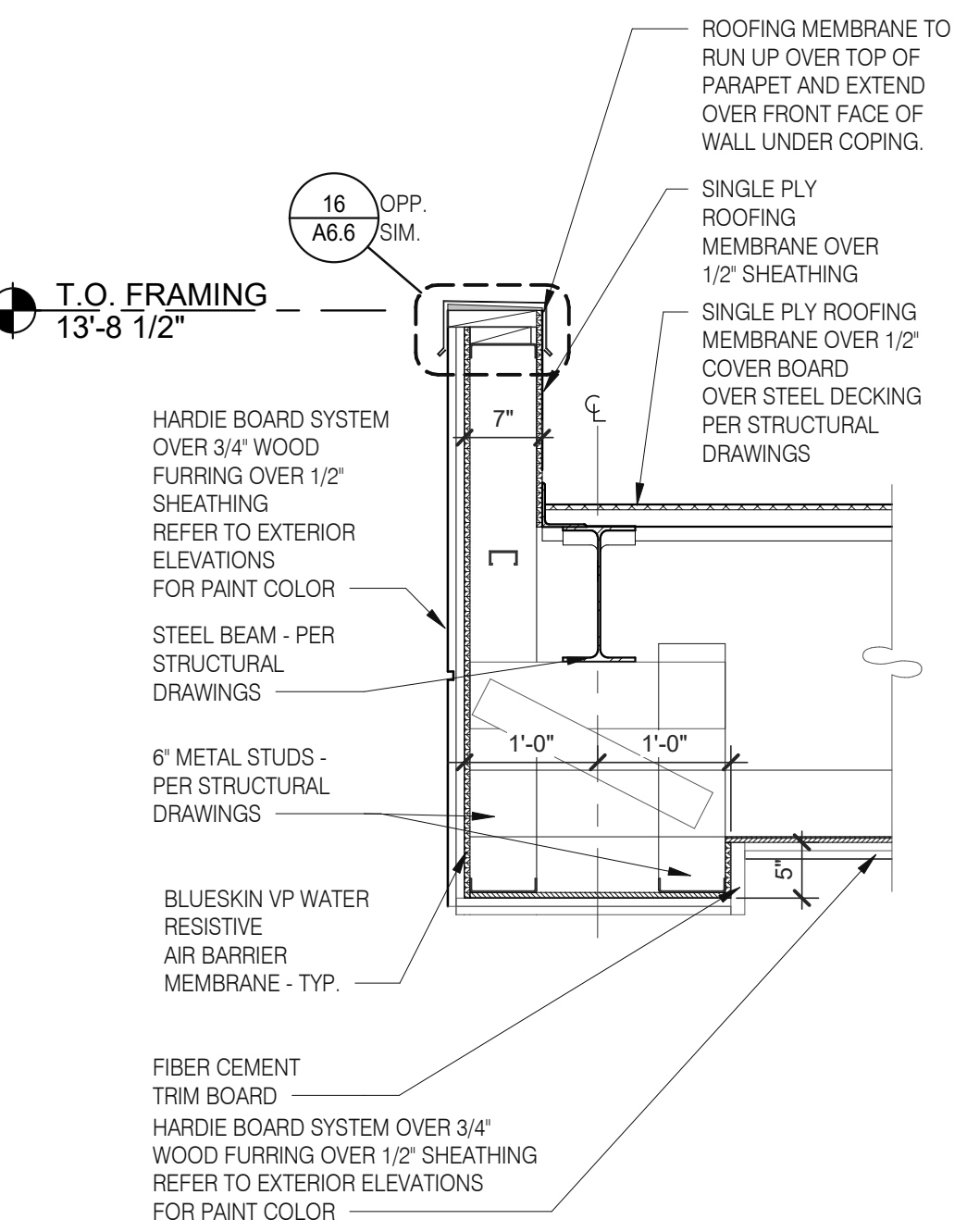
**PANEL WITH HORIZONTAL TRIM** 3" = 1'-0" **13**



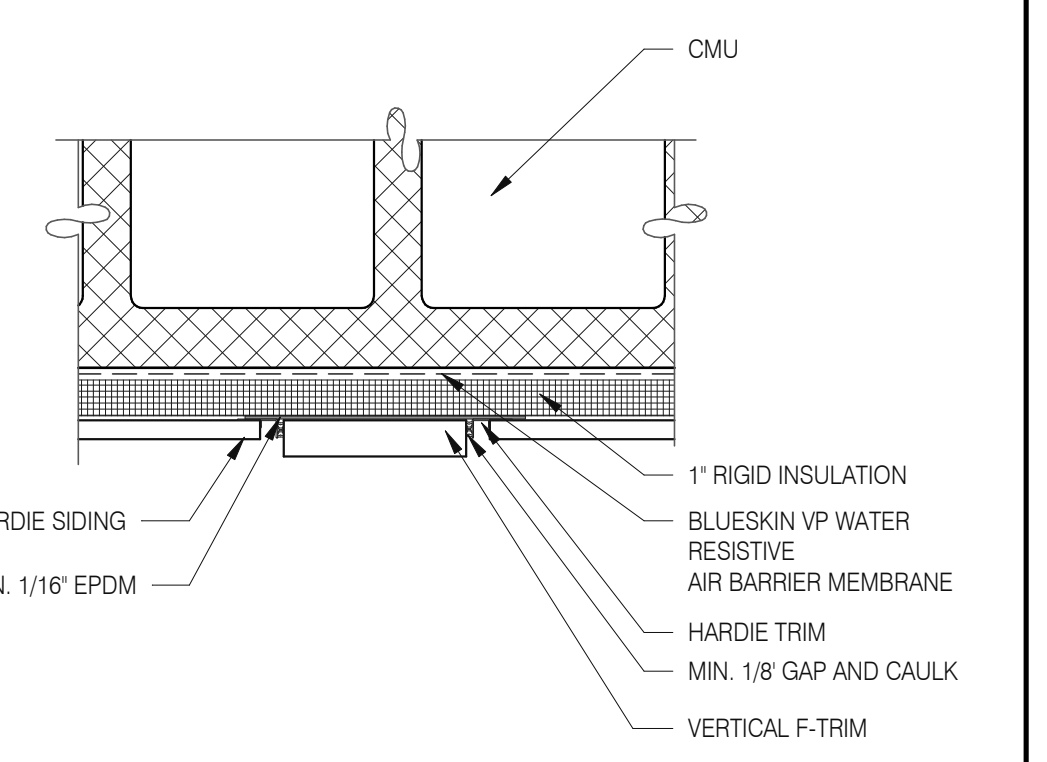
**PANEL WITH HORIZONTAL TRIM** 3" = 1'-0" **9**



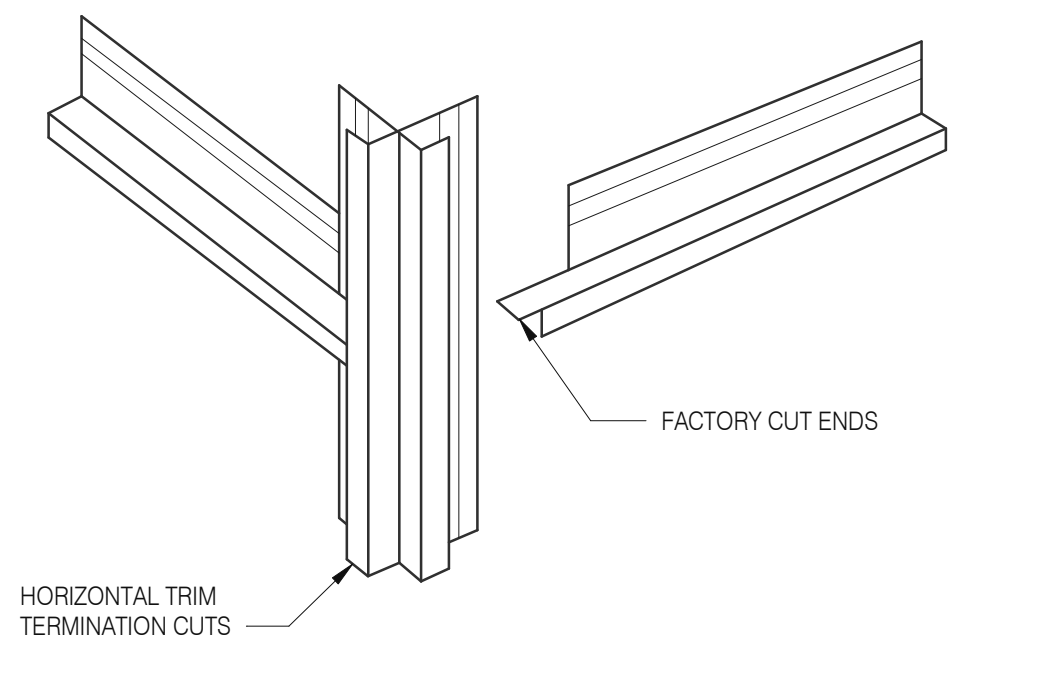
**FOUNDATION @ GRADE** 3" = 1'-0" **5**



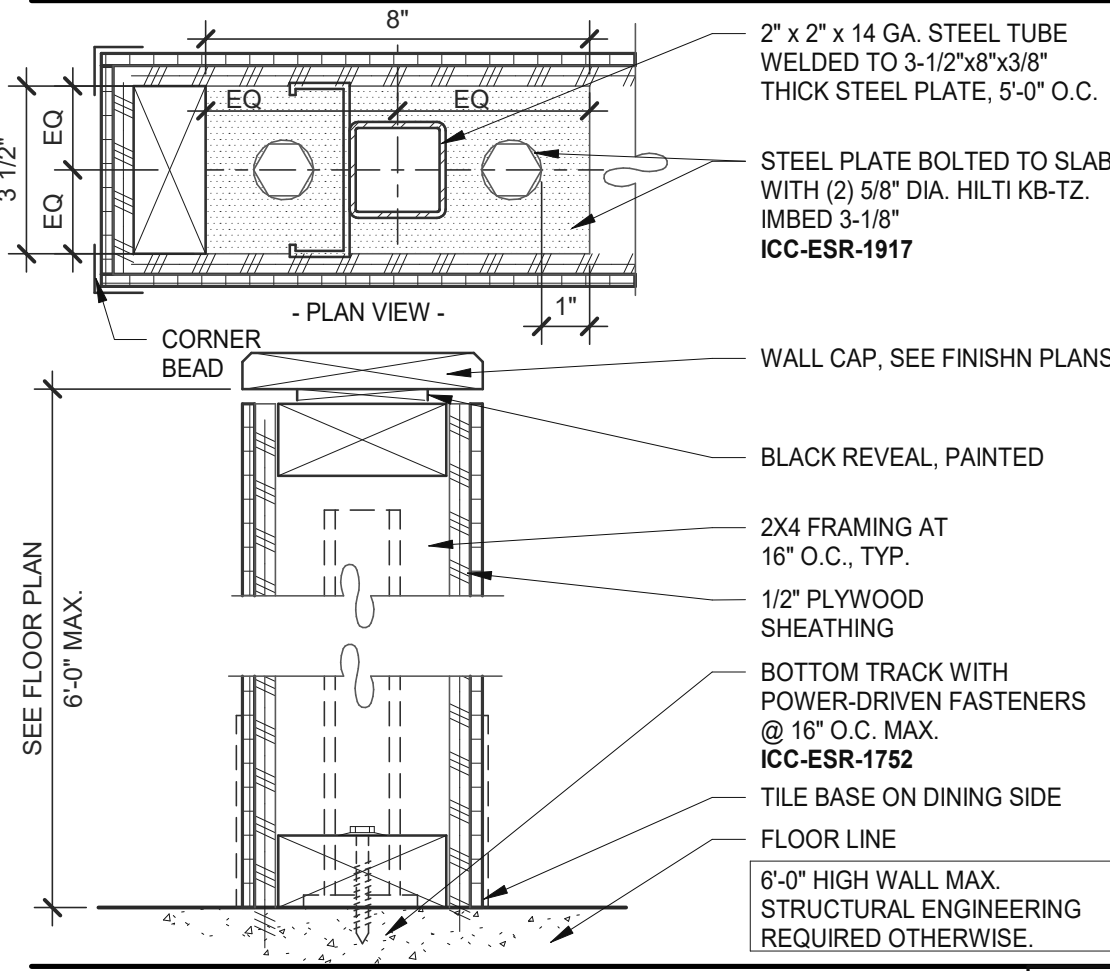
**PORTE COCHERE BULKHEAD** 3/4" = 1'-0" **1**



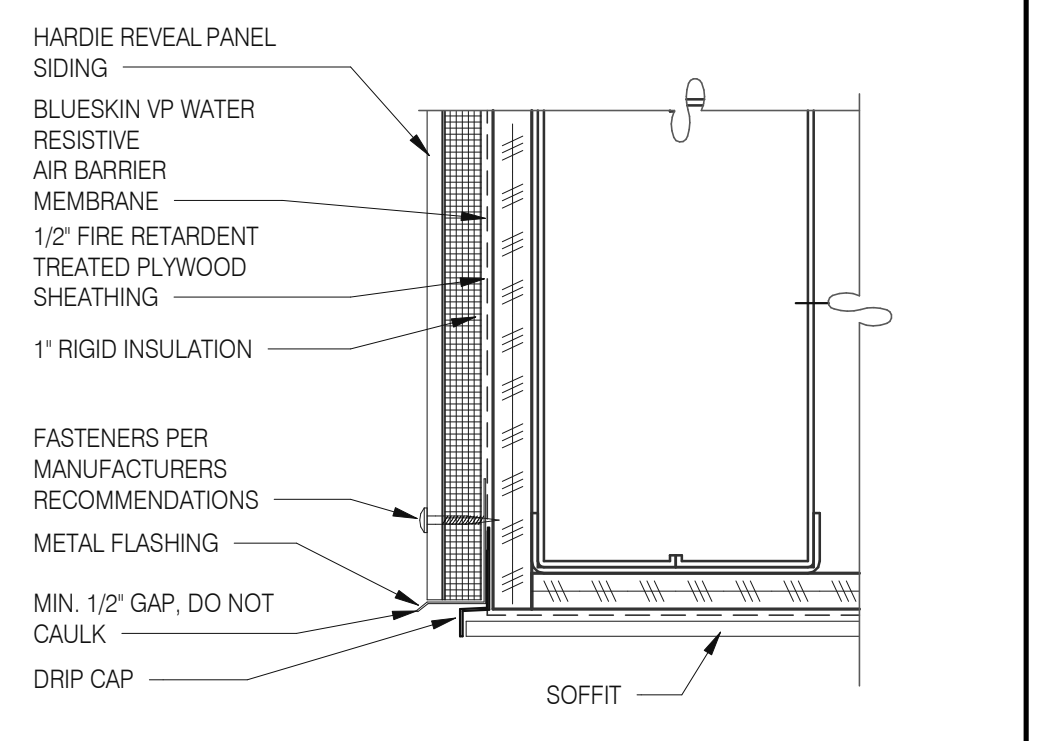
**PANEL WITH VERTICAL TRIM** 3" = 1'-0" **10**



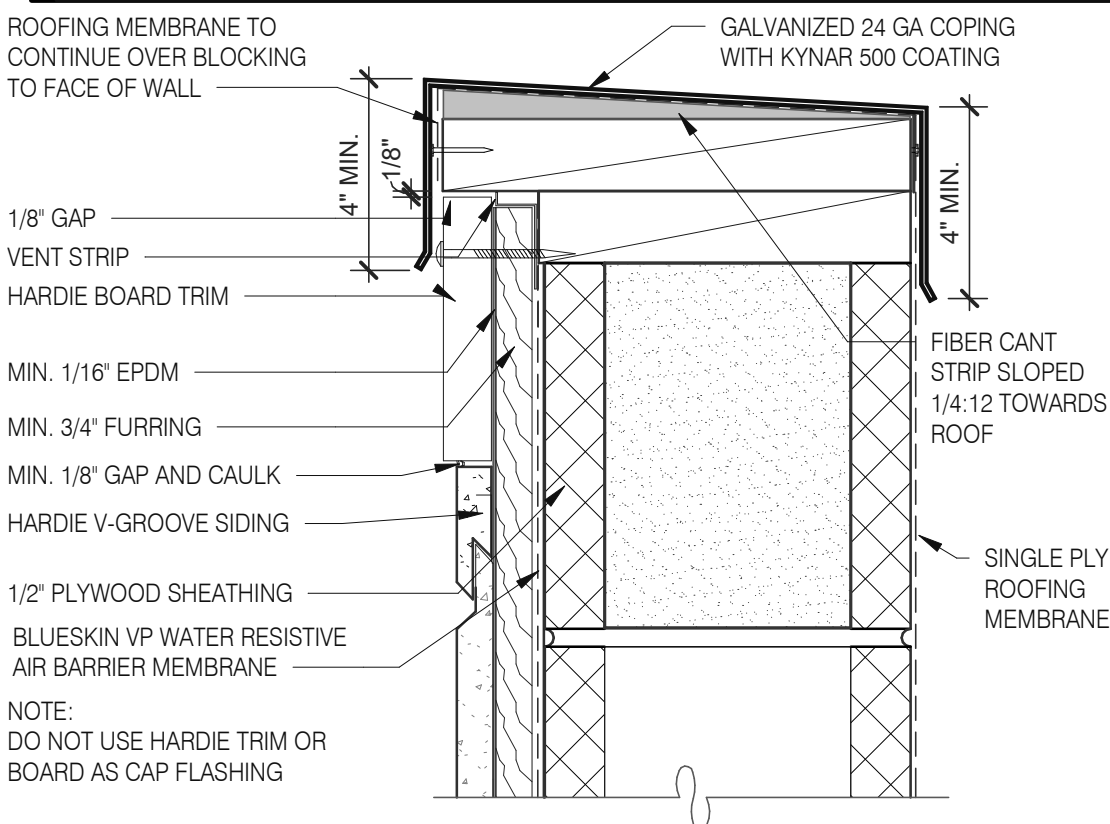
**HOR. TRIM - TERMINATION** N.T.S. **6**



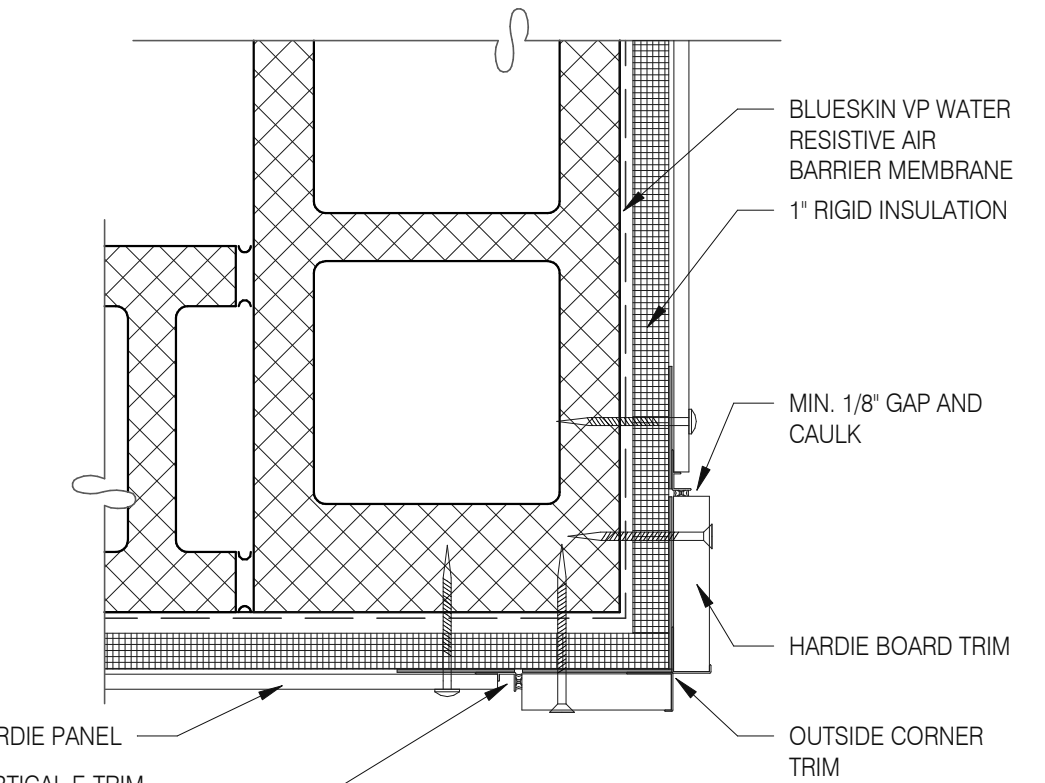
**LOW WALL** 3" = 1'-0" **15**



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



**VENTED PARAPET WALL** 3" = 1'-0" **16**



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

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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**  
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



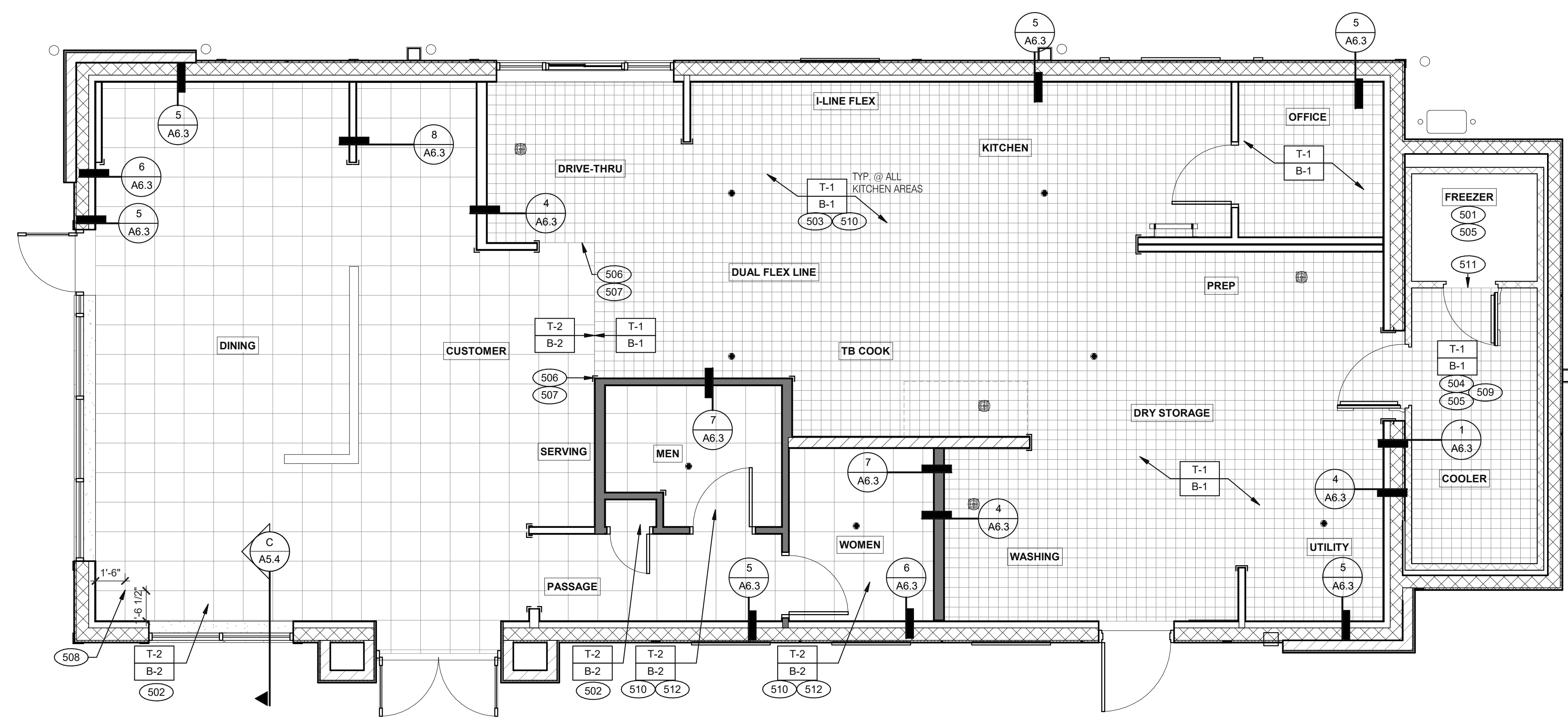
**ENDEAVOR 2.0  
HARDIE BOARD  
DETAILS**

**A6.6**

PLOT DATE: 9/7/2022 6:50:23 AM

Mark S. Salopek, LLC

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 JOB NO.: 2021088.17

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

- A. DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES
- B. TILE JOINT (I.O.N.):  
 1. QUARRY FLOOR TILE: 1/4"  
 2. PORCELAIN FLOOR TILE: 3/16"  
 3. GLAZED WALL TILE: 1/8"  
 4. BASE, TRIM AND ACCESSORIES: MATCH ADJOINING TILE UNITS
- C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.
- D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE.
- E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.
- F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.
- G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

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

**NOT USED** **D**

**FLOOR FINISH NOTES** **C**

**KEY NOTES** **B**

**TACO BELL**

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 WINTER GARDEN, FL 34787



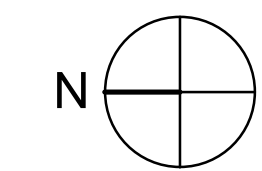
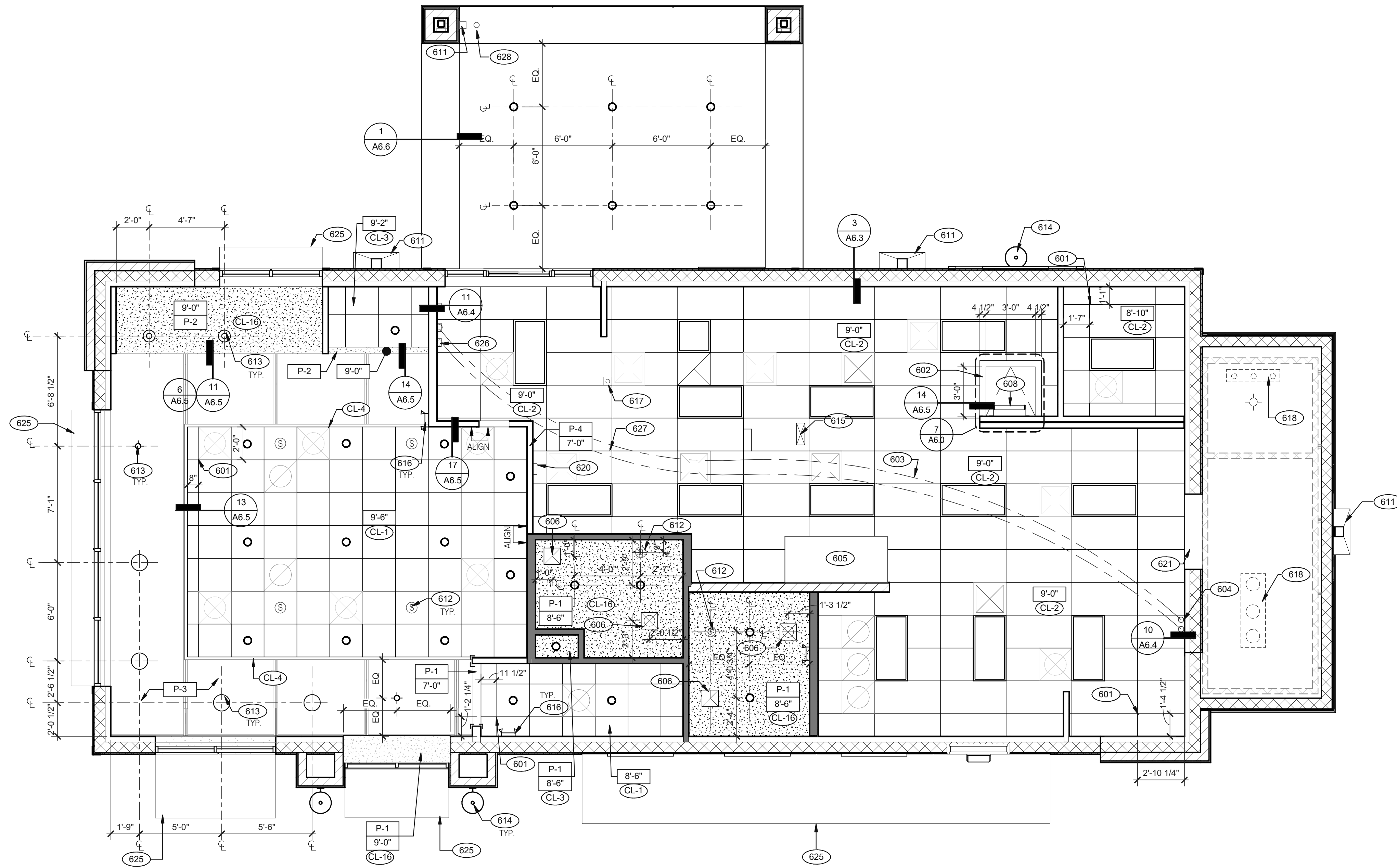
**ENDEAVOR 2.0  
 FLOOR FINISH  
 PLAN**

**A7.0**

PLOT DATE: 9/7/2022 6:50:24 AM

Mark S. Salopek, LLC

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



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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
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 BRAND DESIGNER: DICKSON  
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 DRAWN BY.: RS  
 JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0 REFLECTED CEILING PLAN**

**A7.1**

PLOT DATE: 9/7/2022 6:50:26 AM

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

**CEILING SYMBOL LEGEND** **D**

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

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

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

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

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

**REFLECTED CEILING PLAN NOTES** **C**

- 601 CEILING GRID AT STARTING POINT.
- 602 BULKHEAD @ 8'-0" A.F.F.
- 603 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK.
- 604 6" DIAMETER PVC STUB THROUGH CEILING, SEE DETAIL 10/A6.4.
- 605 HOOD, SEE MECHANICAL DRAWINGS.
- 606 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL RESTROOMS).
- 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.
- 628 DAYLIGHT ROOF OVERFLOW DRAIN THRU SOFFIT. INSTALL BRONZE CAP ON EXPOSED END.

- 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.
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- 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.
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**KEY NOTES** **B**

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
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FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
<b>CEILING</b>						
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			
<b>CHAIR RAIL</b>						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
<b>FLOOR BASE</b>						
B-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CO
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	
<b>FLOORING</b>						
T-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CO
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	
<b>FRP/LAMINATE</b>						
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"
<b>CORNER GUARDS</b>						
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
<b>METAL TRANSITION</b>						
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 - ALUMINIUM		3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
<b>SOLID SURFACE</b>						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
<b>WALL COVERING</b>						
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.
<b>WALL PAINT</b>						
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGG SHELL 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	
<b>WALL TILE</b>						
W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
W-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%

NOT USED

A

DATE	REMARKS
09.06.22	Issued for Construction

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 BUILDING TYPE: END, MED20  
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 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: SM  
 DRAWN BY.: RS  
 JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
FINISH  
SCHEDULE

A7.2

PLOT DATE: 9/7/2022 6:50:27 AM

FINISH LEGEND

D

WESTERN STATES METAL ROOFING

JESSICA TRIER  
INSIDE SALES REPRESENTATIVE  
P: (602) 495-0048  
D: (602) 422-2696  
W: www.metaloofing.com  
JESSICA@METALDECK.COM

CORIAN

DAVID GREENING  
NA COMMERCIAL SALES  
FOOD SERVICE/ RETAIL SEGMENT SALES LEADER  
CORIAN DESIGN  
(614) 975-6700  
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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 92668  
(619) 990-1920  
SUNDEEPAKUMAR.PATEL@SHERWIN.COM

WOLF GORDON

JESSICA ROSE  
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USG CORPORATION

TRAVIS TOMANEK  
CORPORATE ACCOUNT MANAGER  
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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.

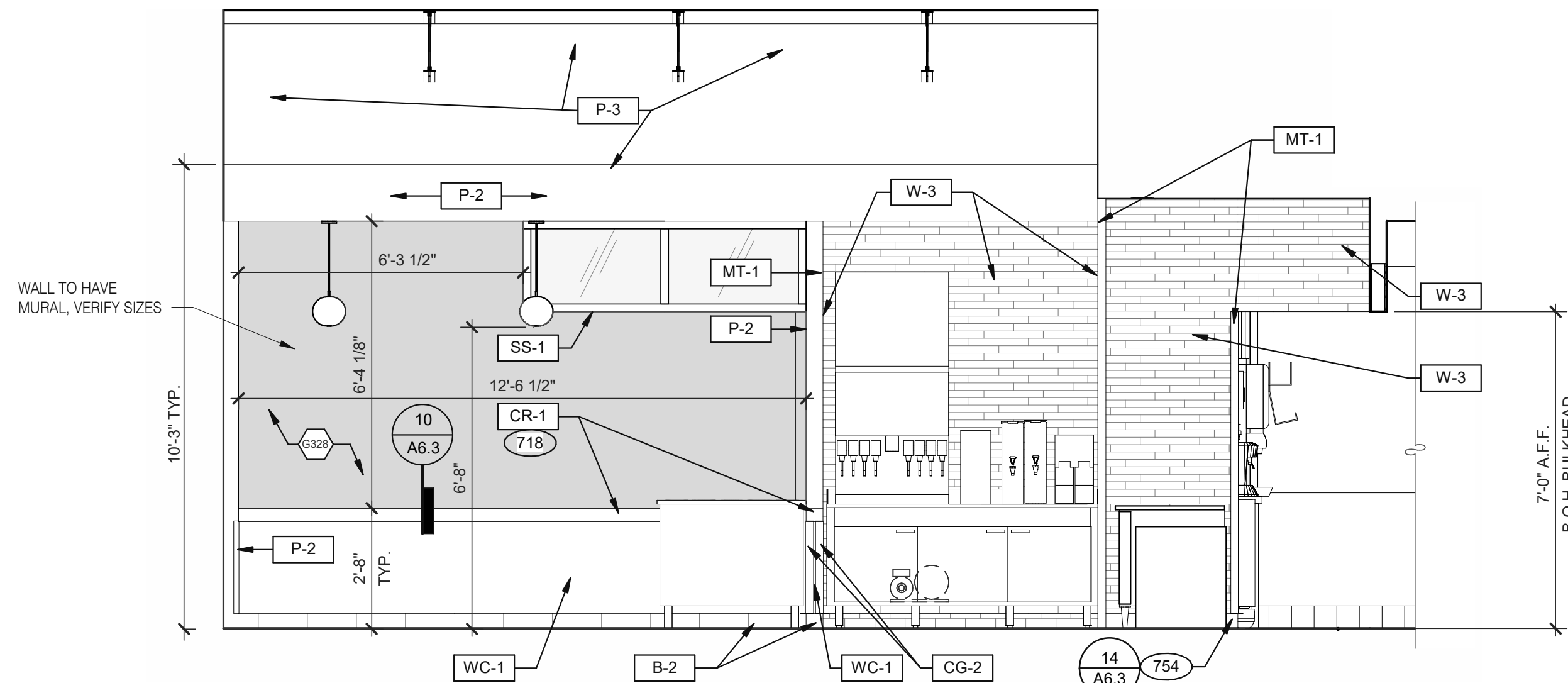
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NOT USED

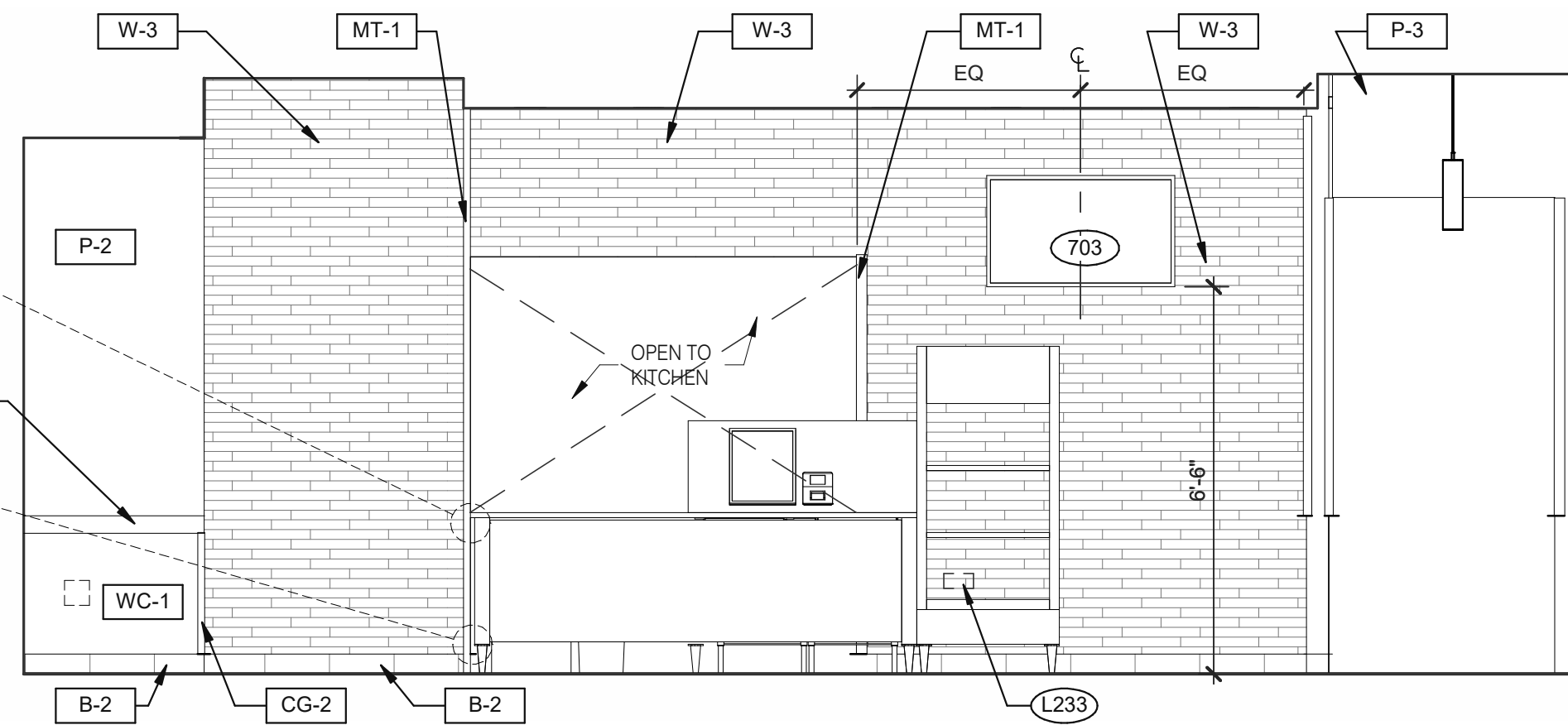
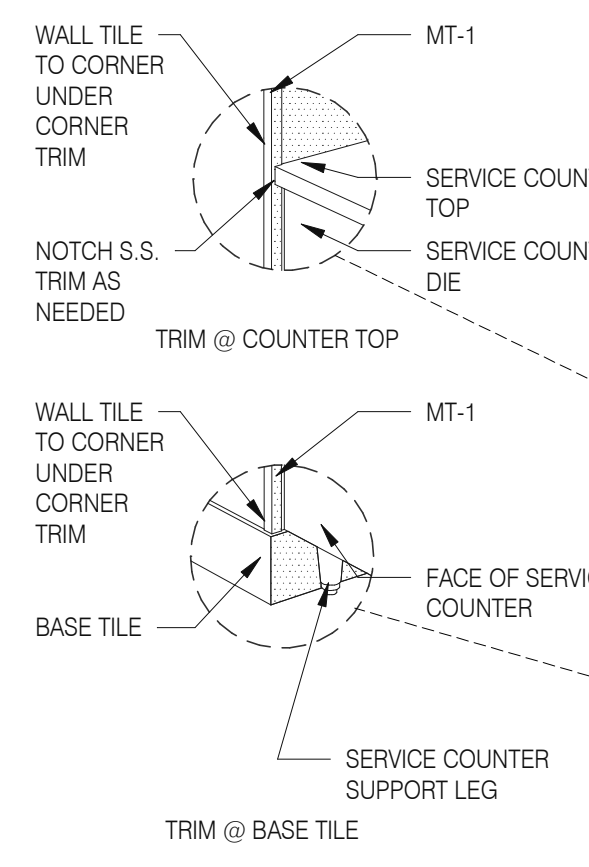
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Mark S. Salopek, LLC

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

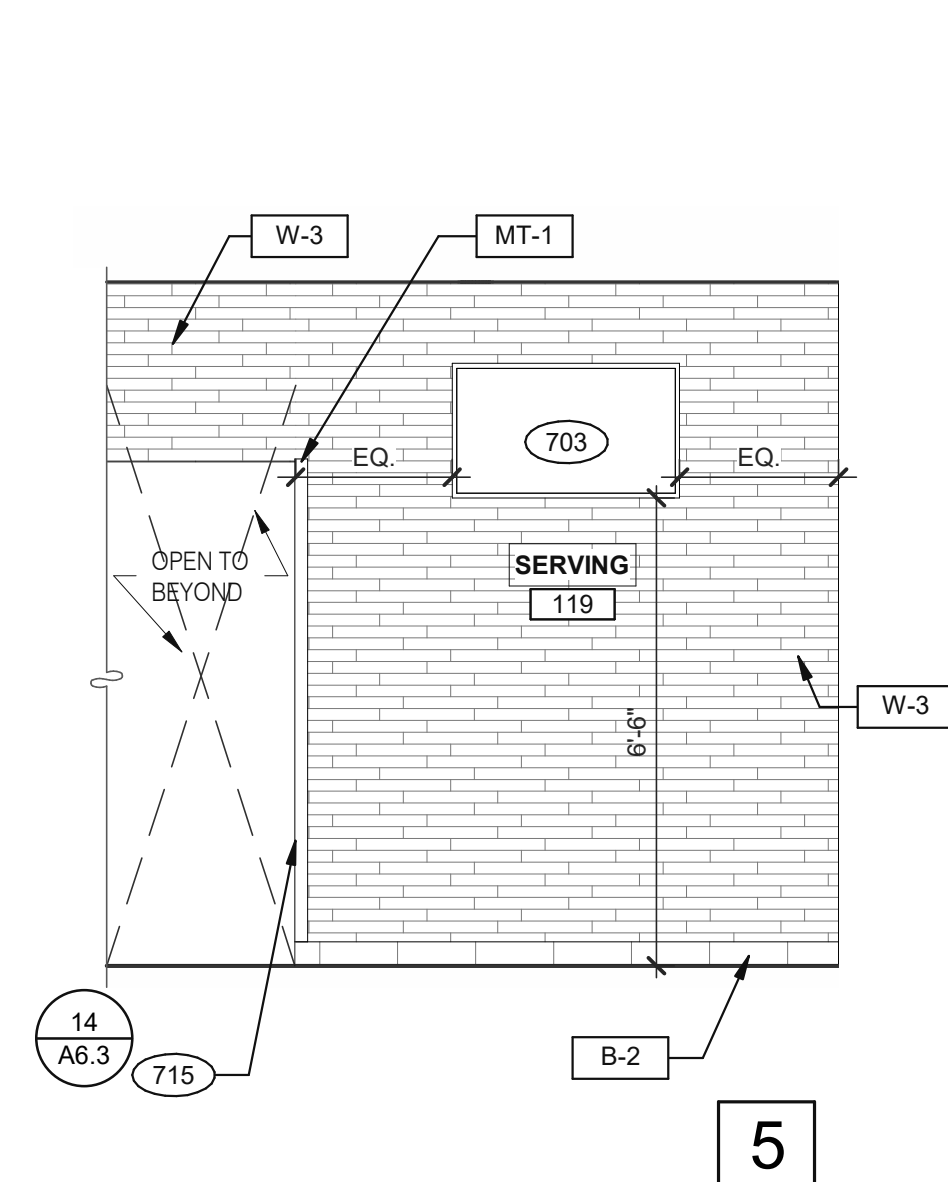


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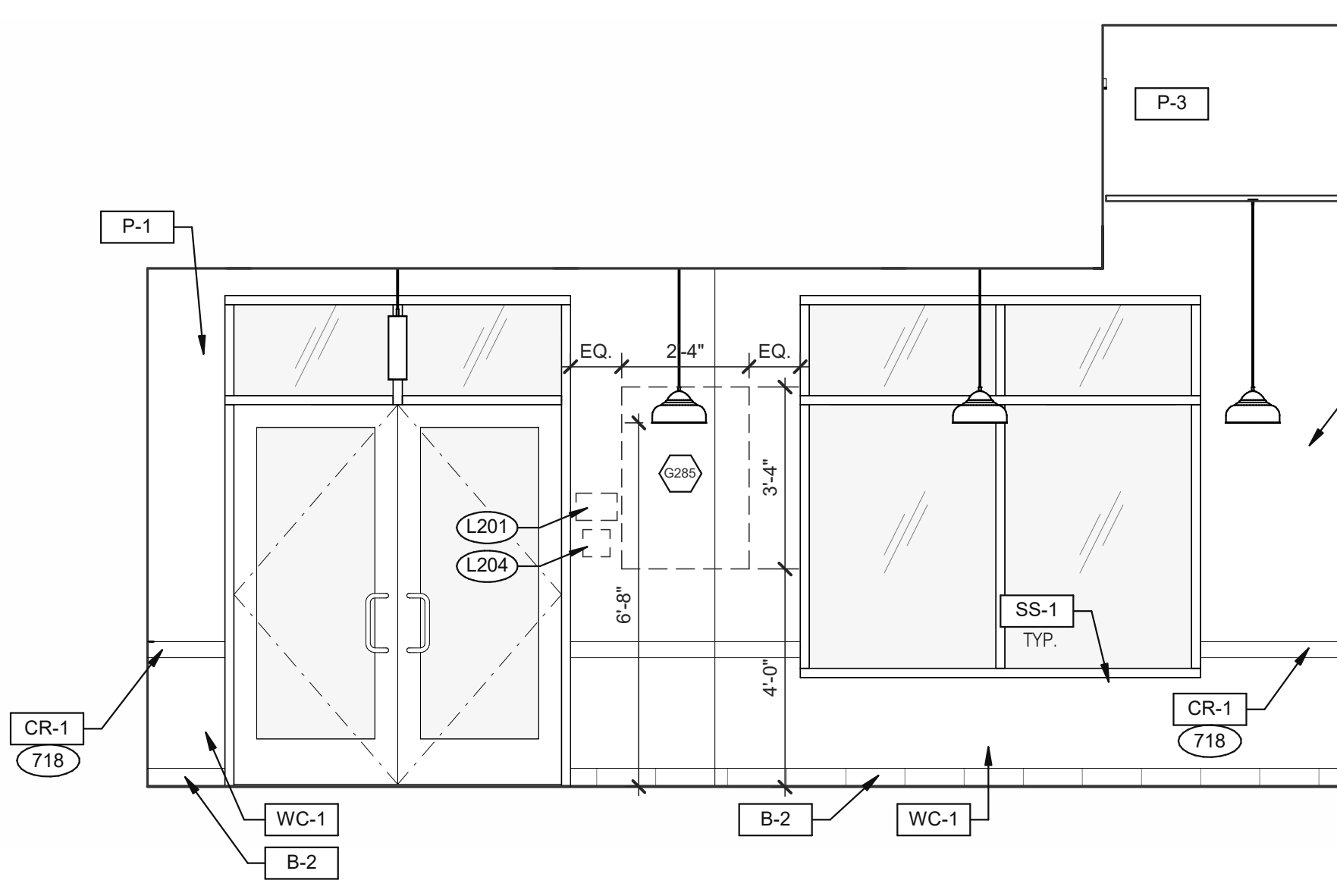


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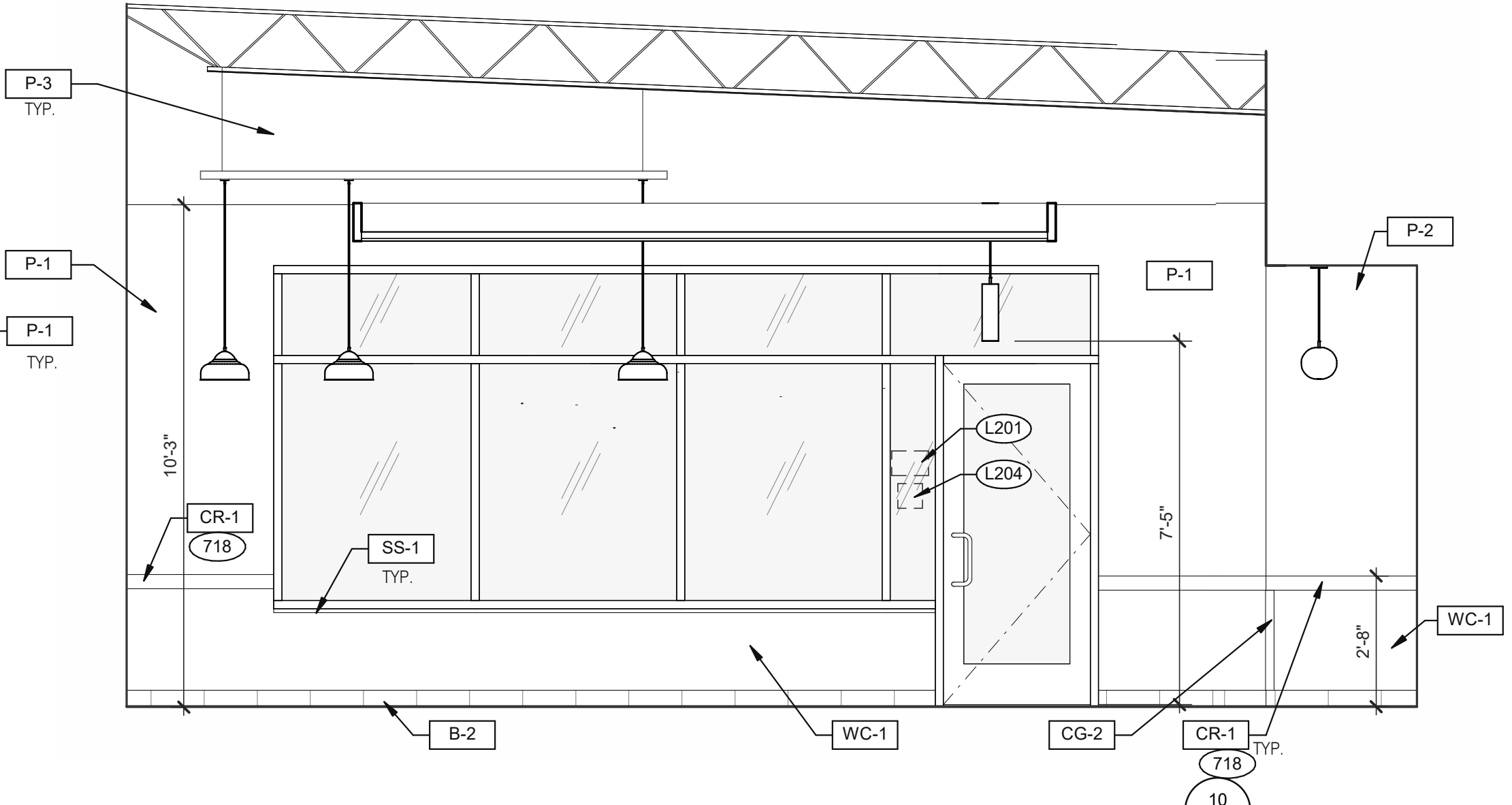
**DINING** 3/8" = 1'-0"



5

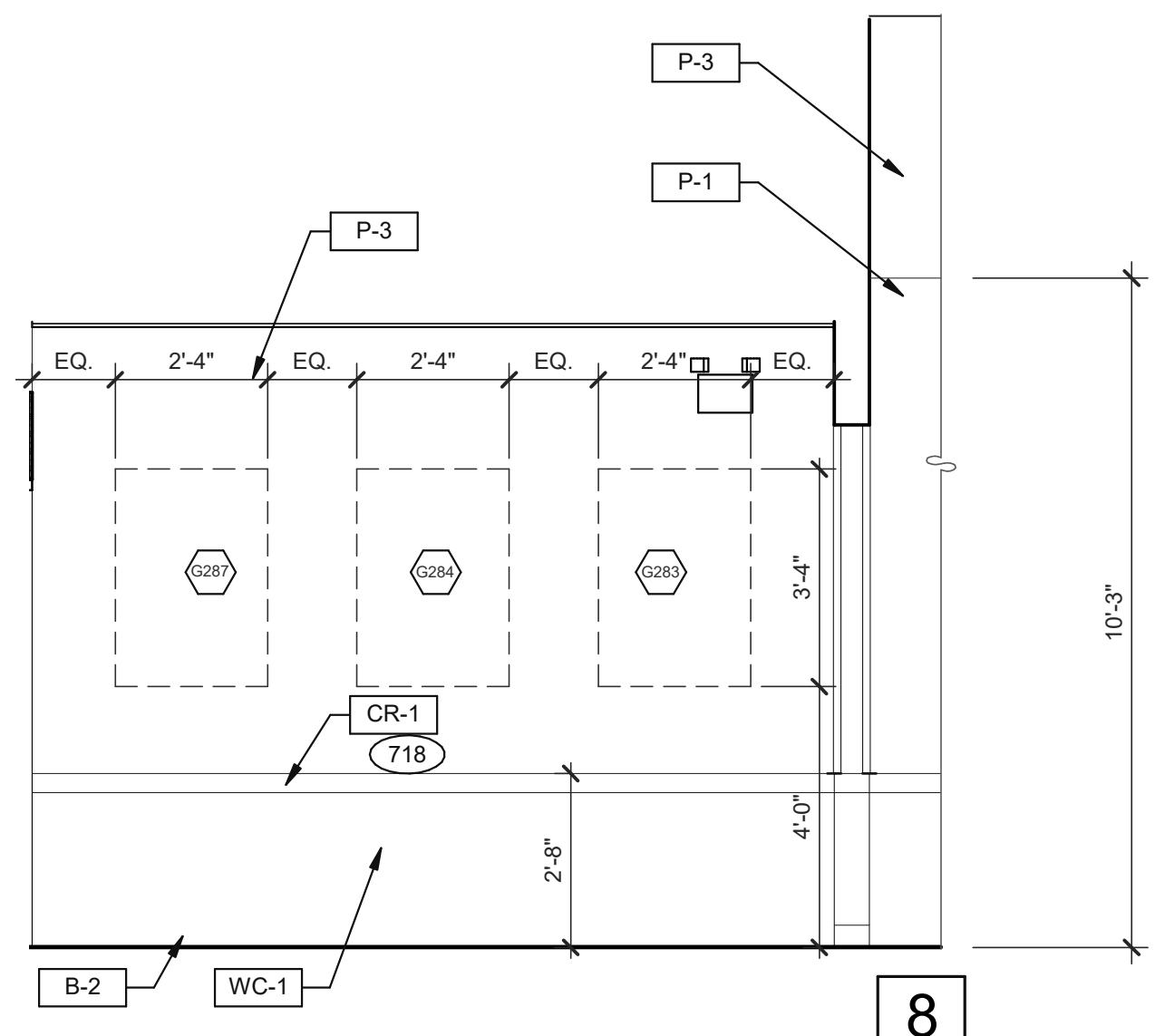


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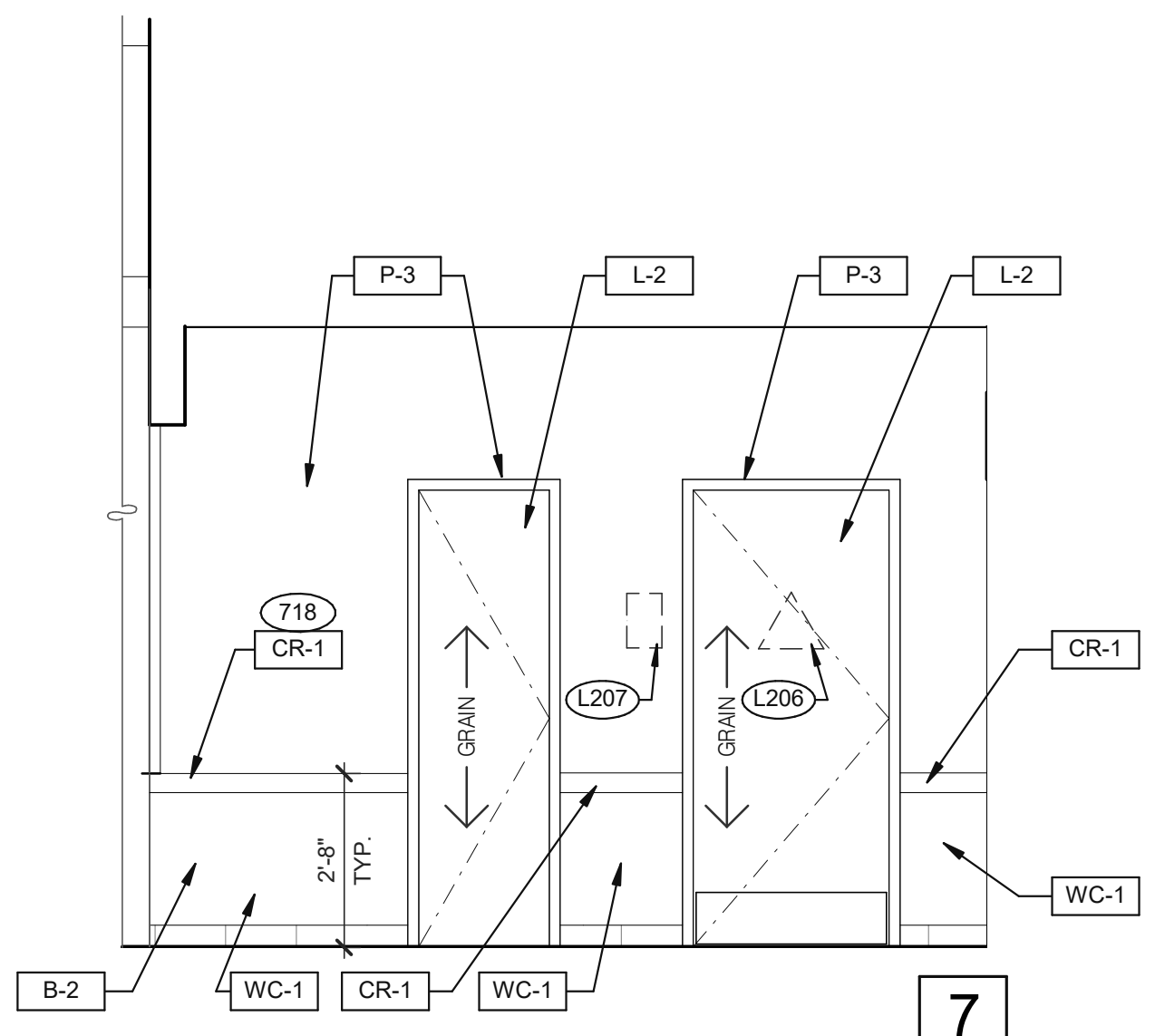


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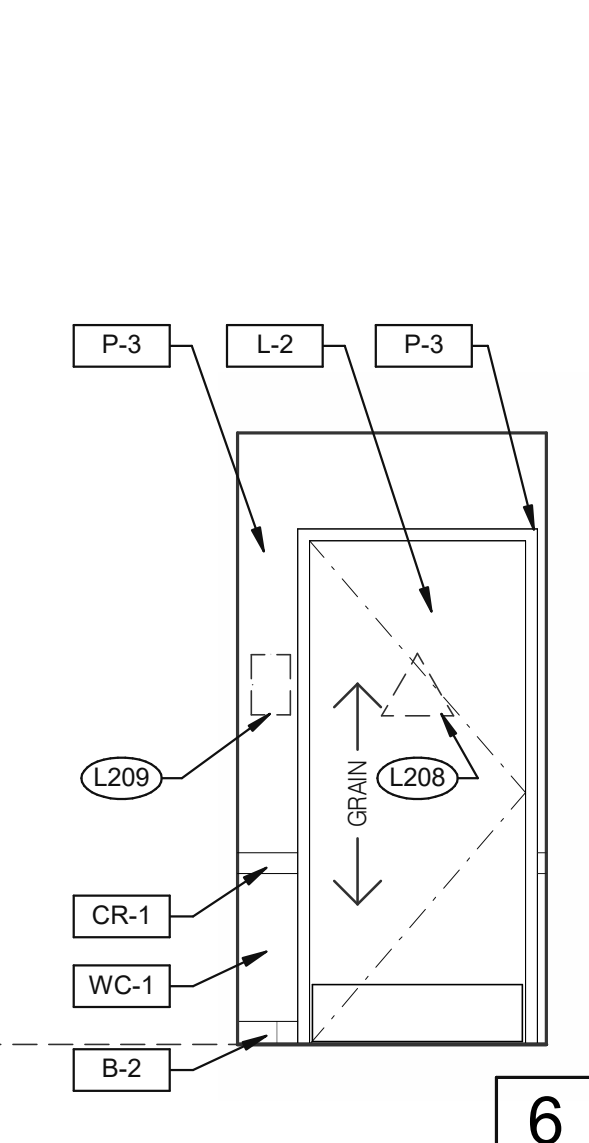
**DINING** 3/8" = 1'-0"



8



7



6

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

- 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.

**KEYNOTES**

**A**

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SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



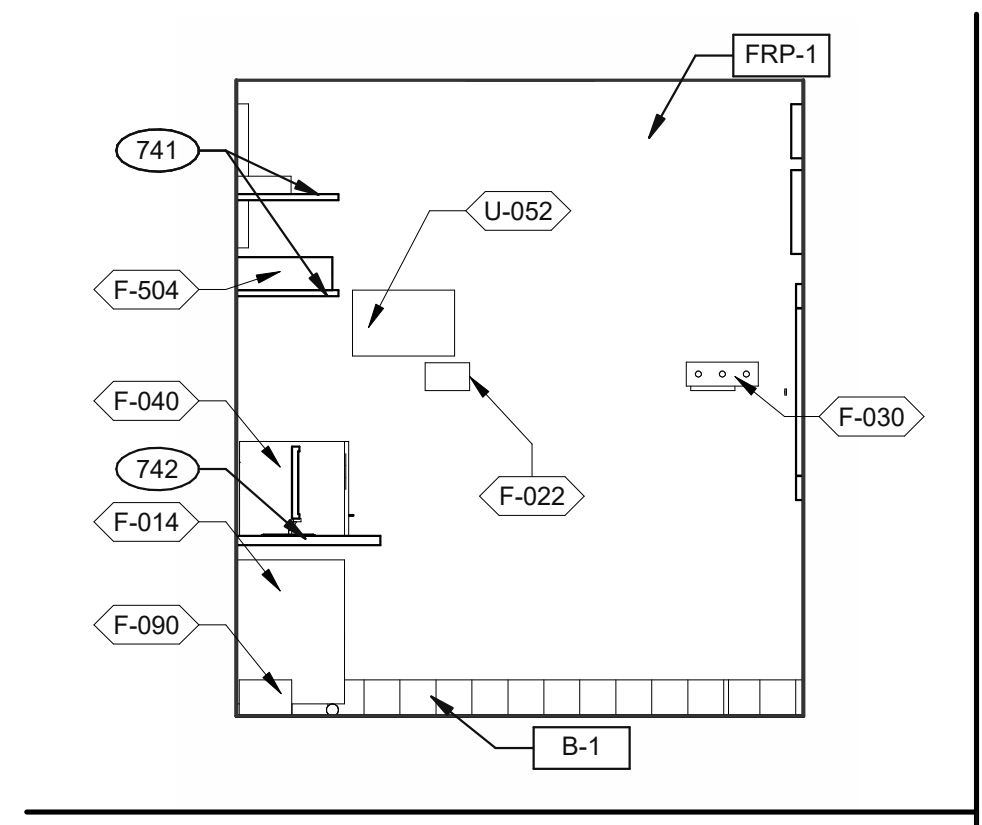
**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
DINING ROOM**

**A8.0**

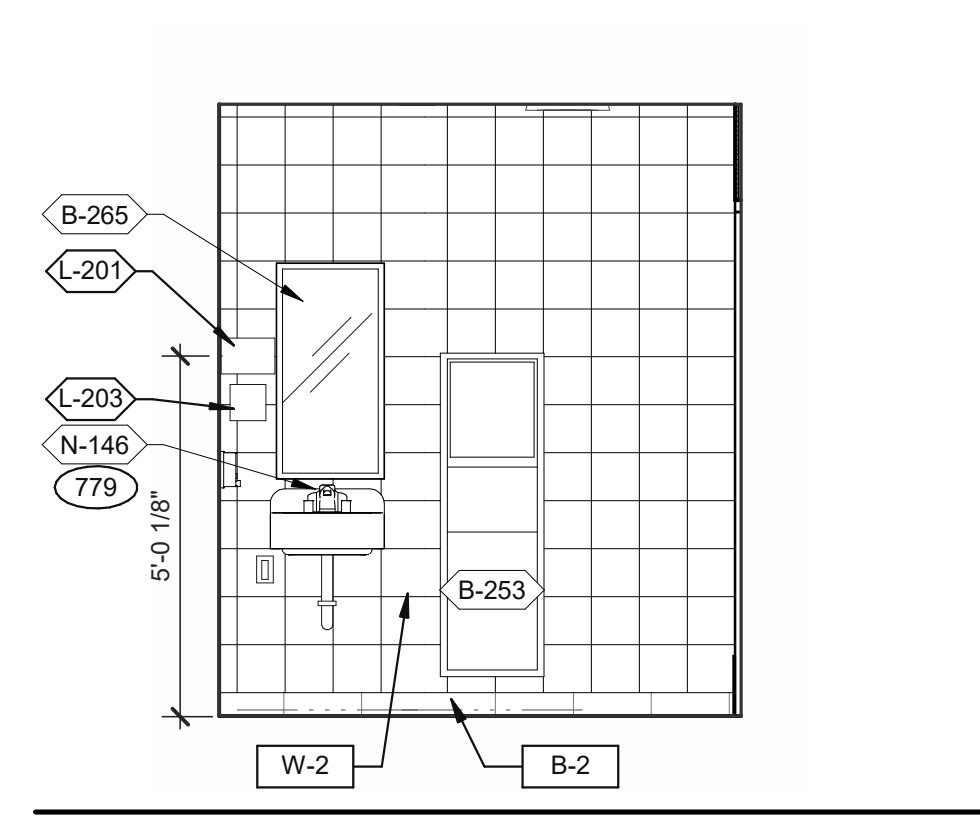
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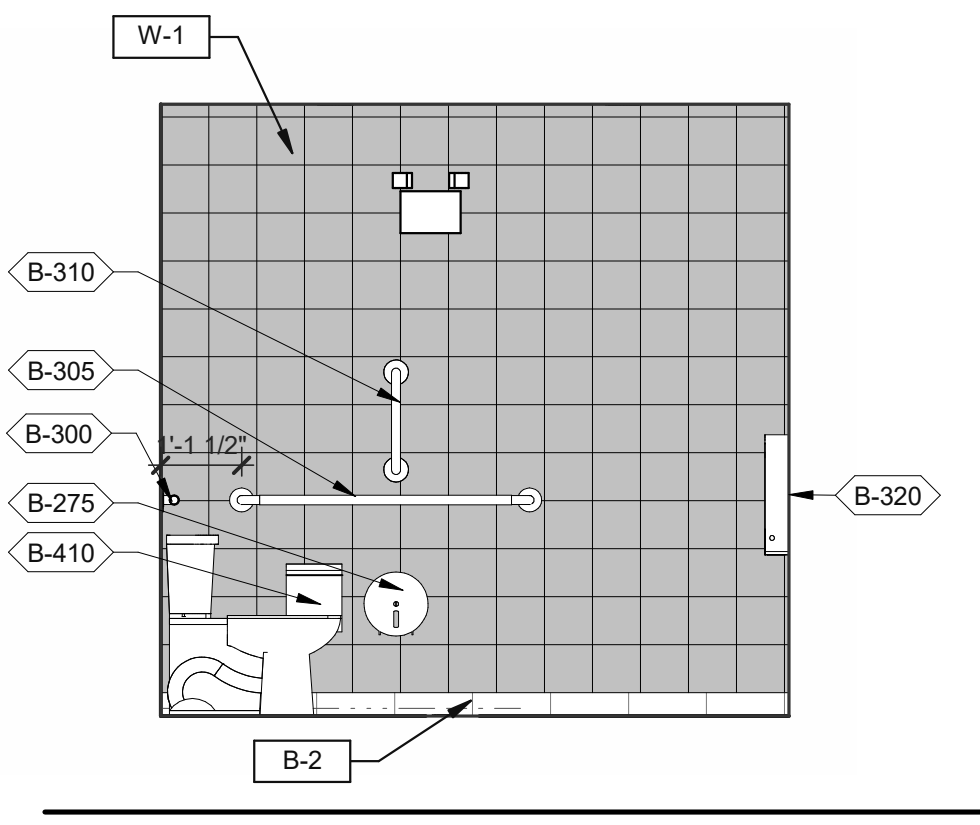
3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
330.572.2112 FAX: 330.572.2102



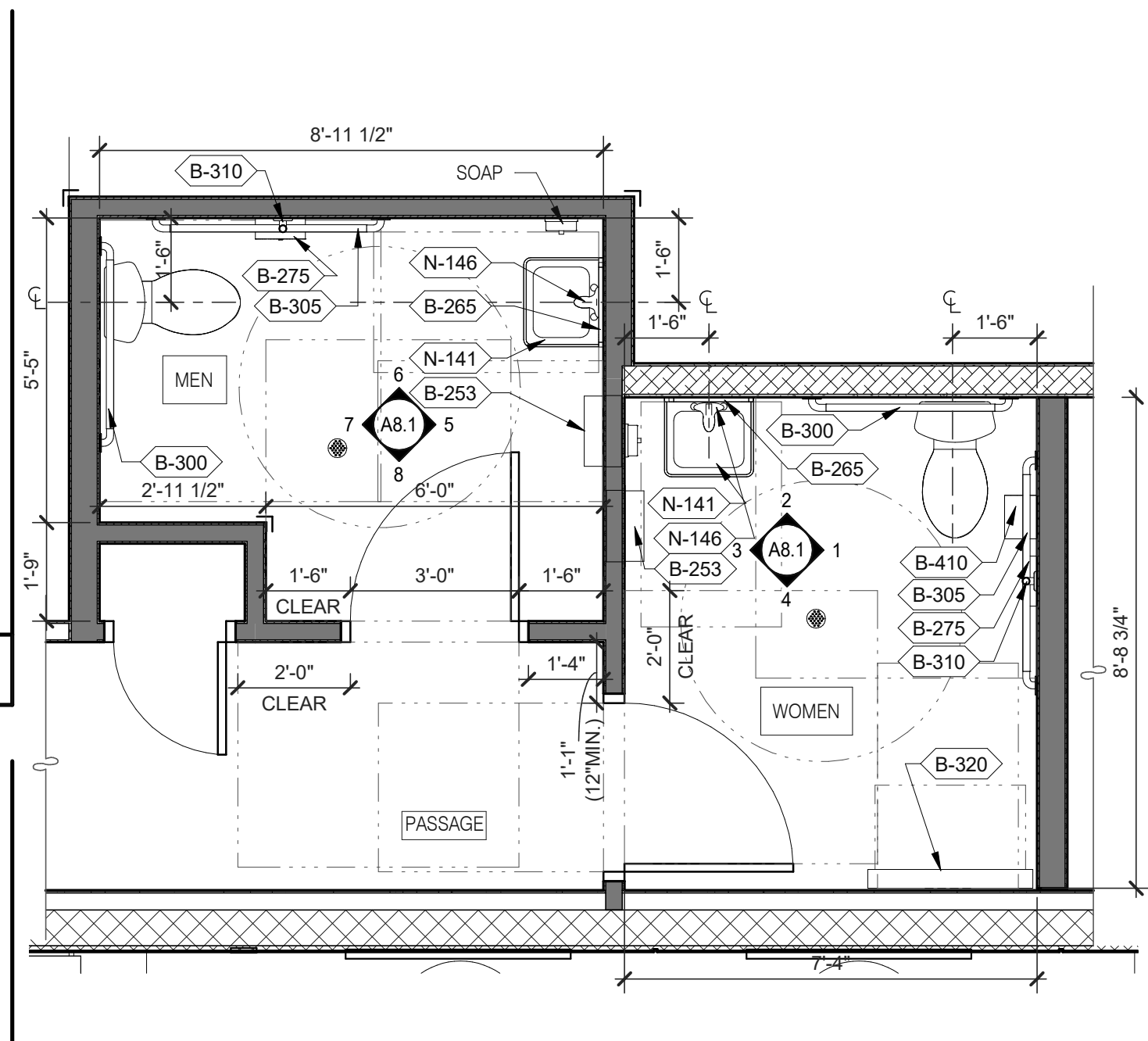
OFFICE ELEVATION 3/8" = 1'-0" 9



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



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

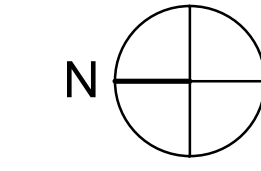


- A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0
- C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
- D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES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

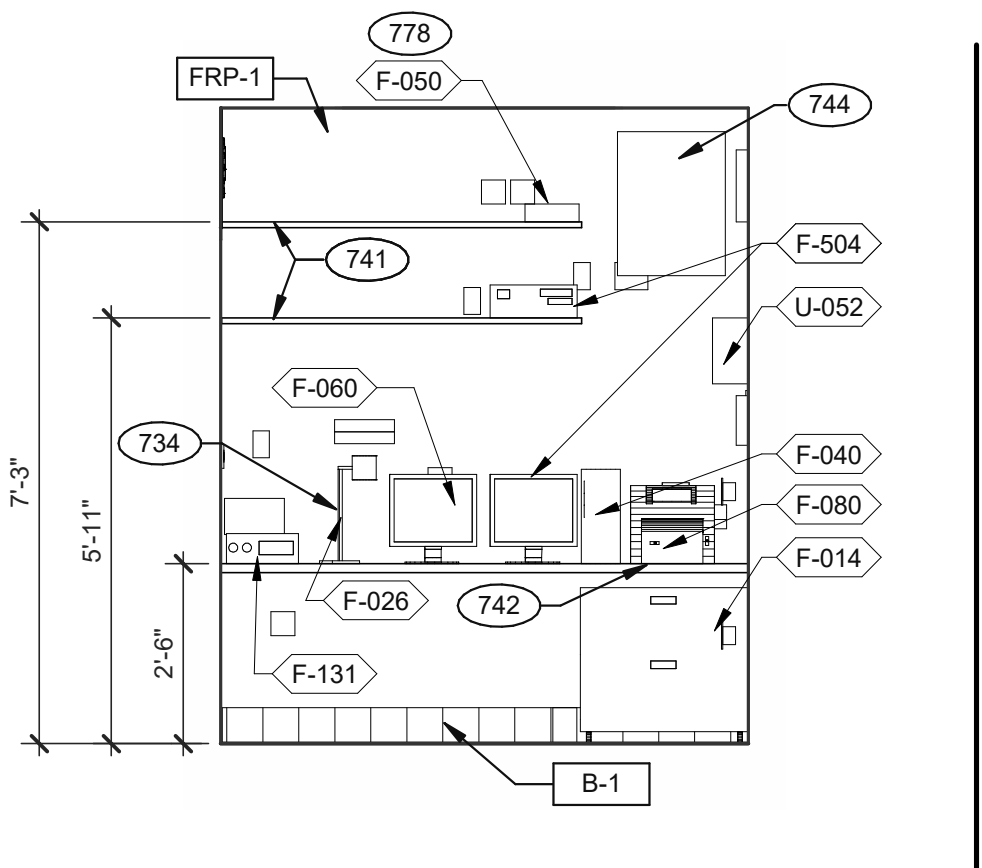
ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.

\* ABSOLUTE DIMENSION

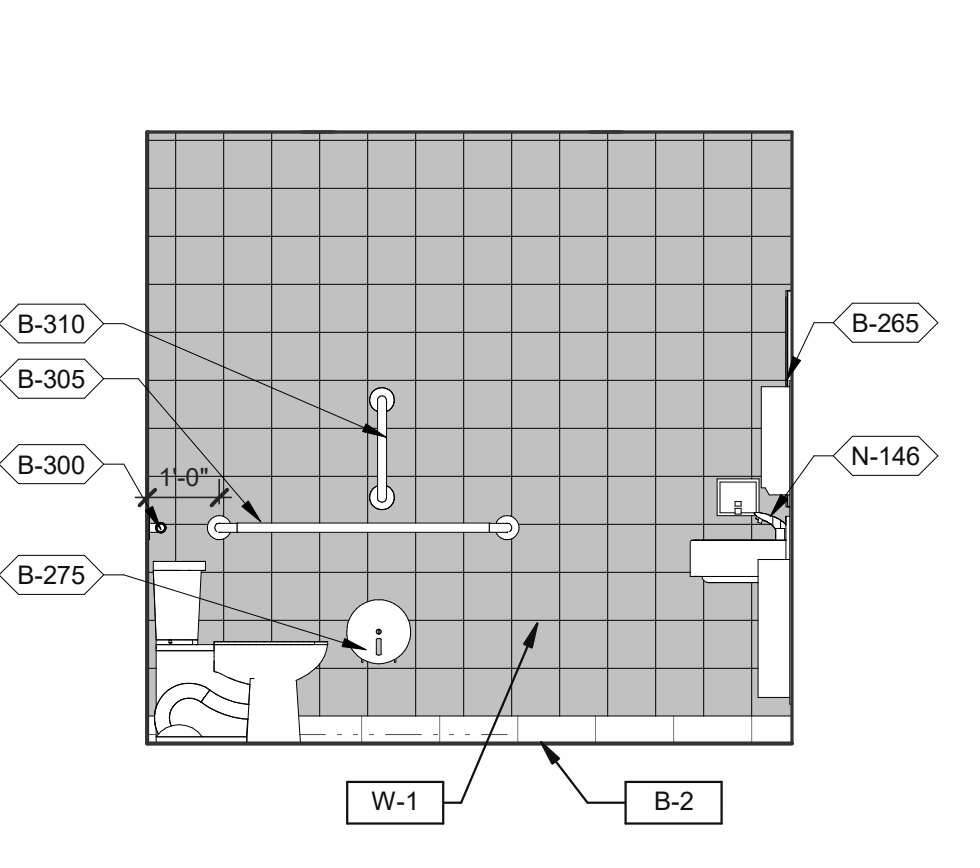
DESIGNER NOTE:  
REFER TO G4.0 & G4.1 FOR SIGNAGE  
REFER TO SHEET A-2.1 FOR FIXTURE LIST.



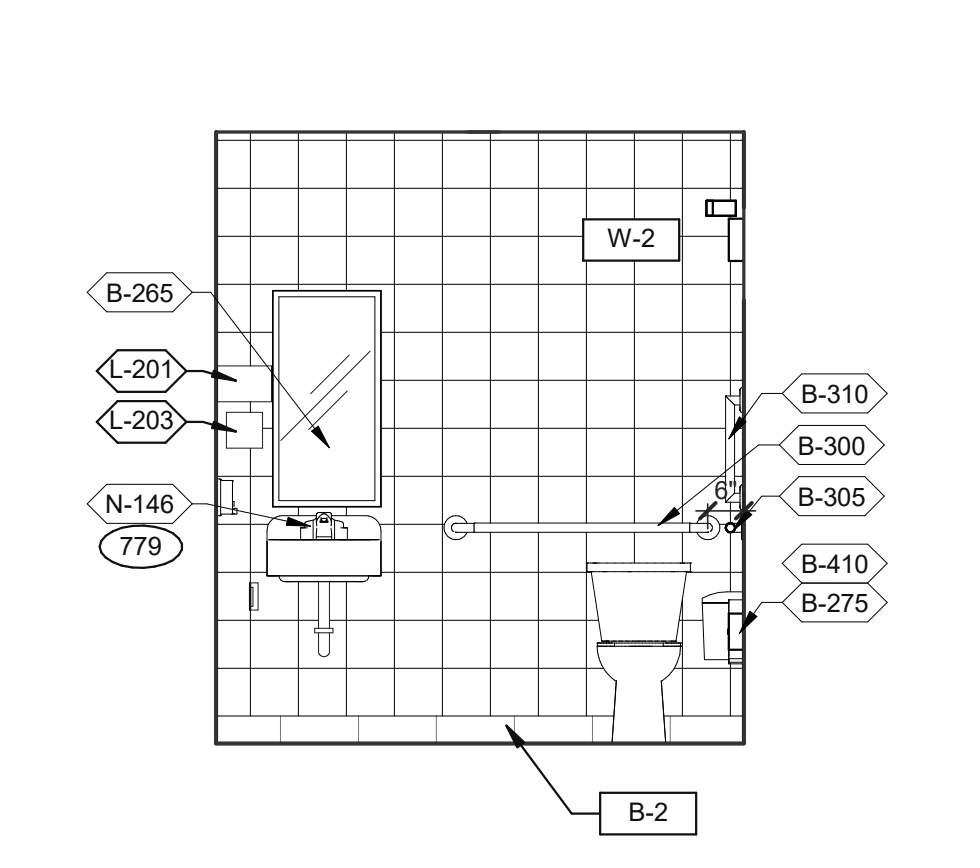
ENLARGED RESTROOM / GENERAL NOTES 3/8" = 1'-0" A



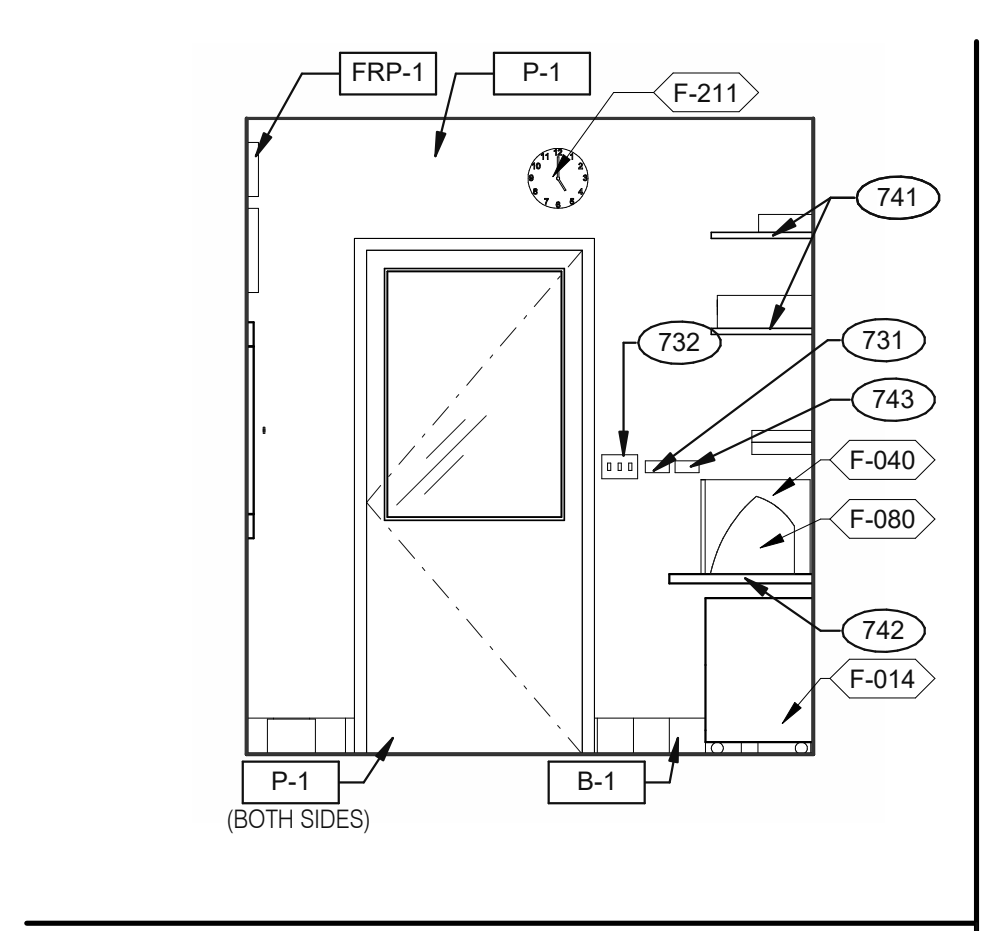
OFFICE ELEVATION 3/8" = 1'-0" 10



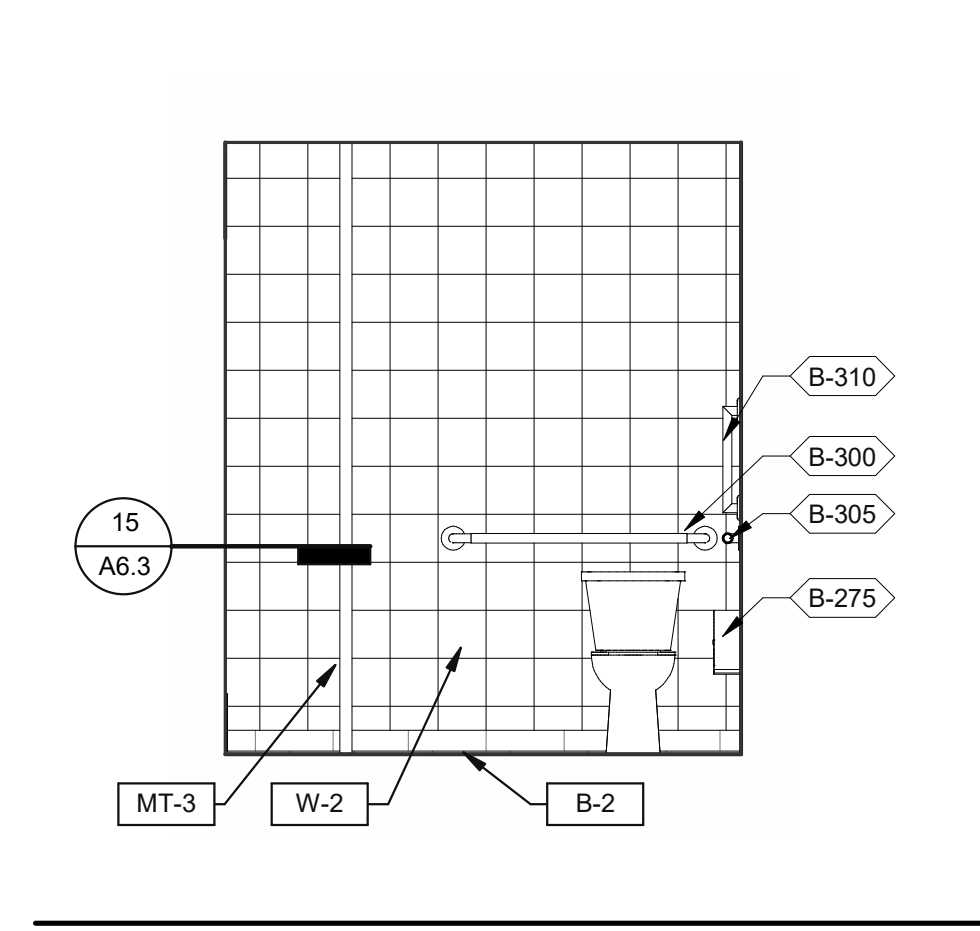
MEN'S RESTROOM 3/8" = 1'-0" 6



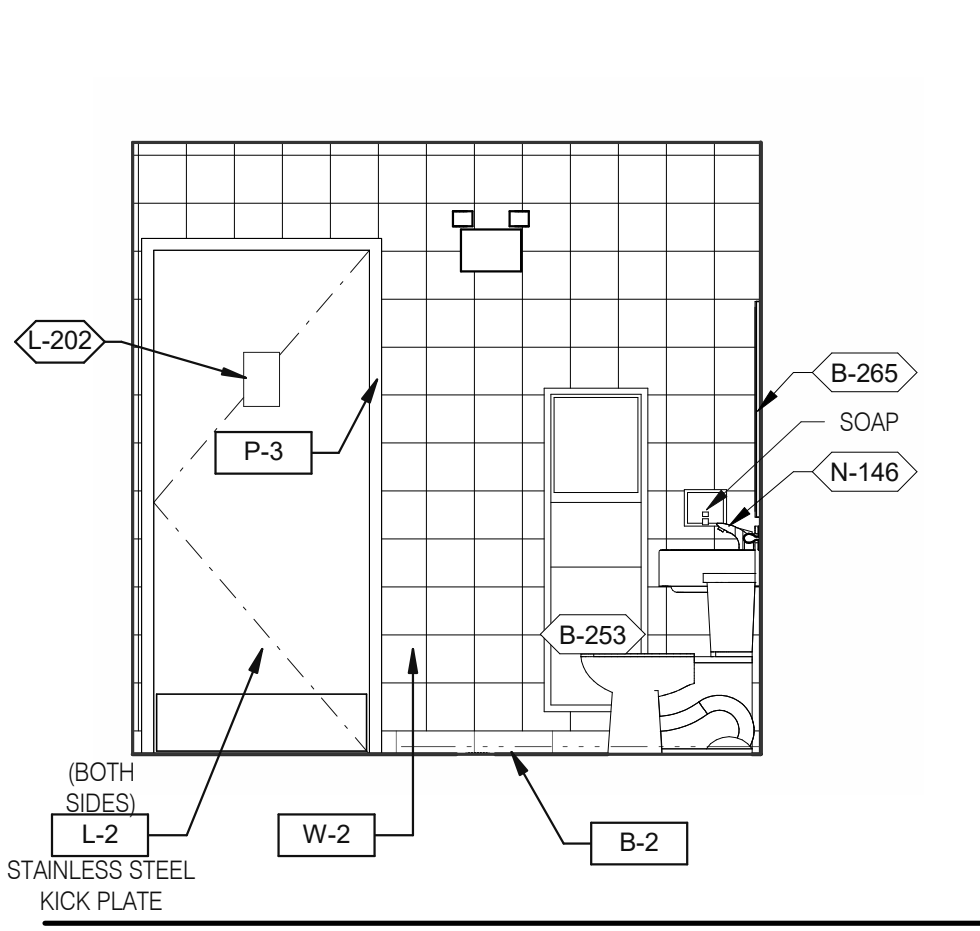
WOMEN'S RESTROOM 3/8" = 1'-0" 2



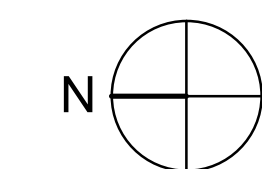
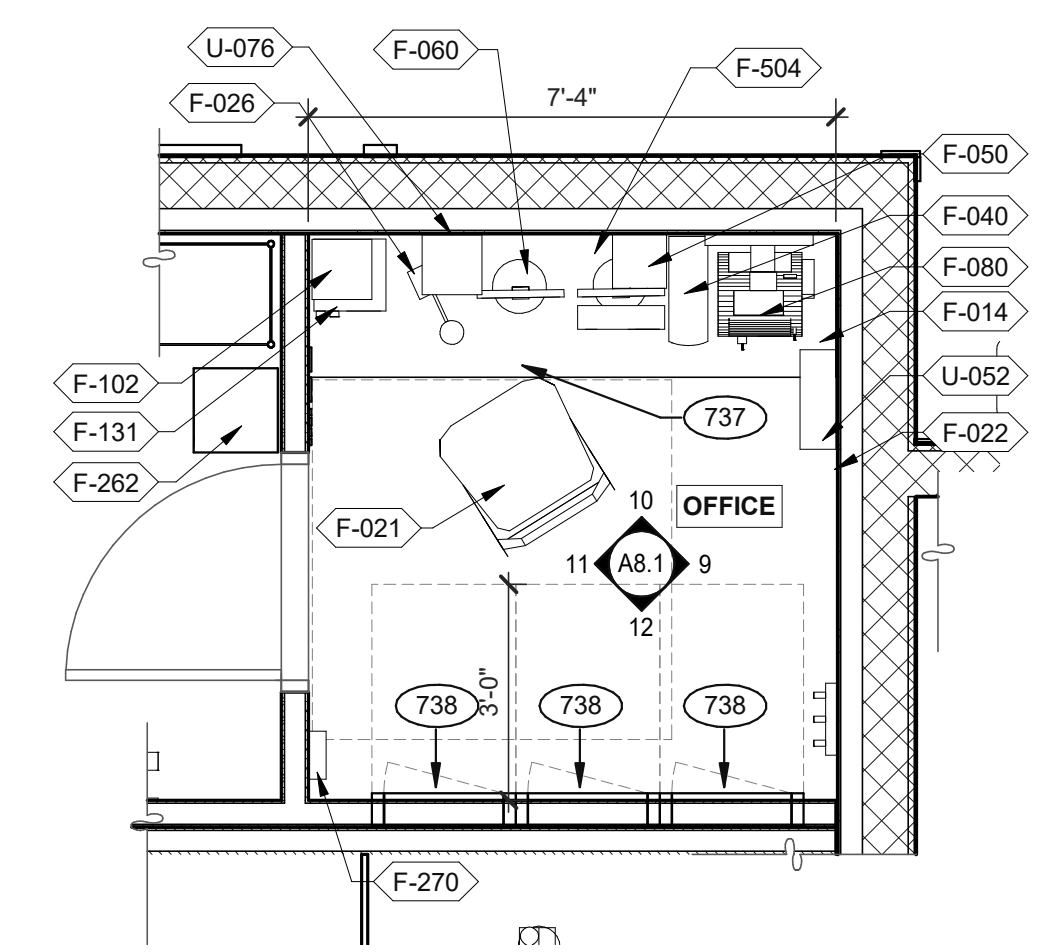
OFFICE ELEVATION 3/8" = 1'-0" 11



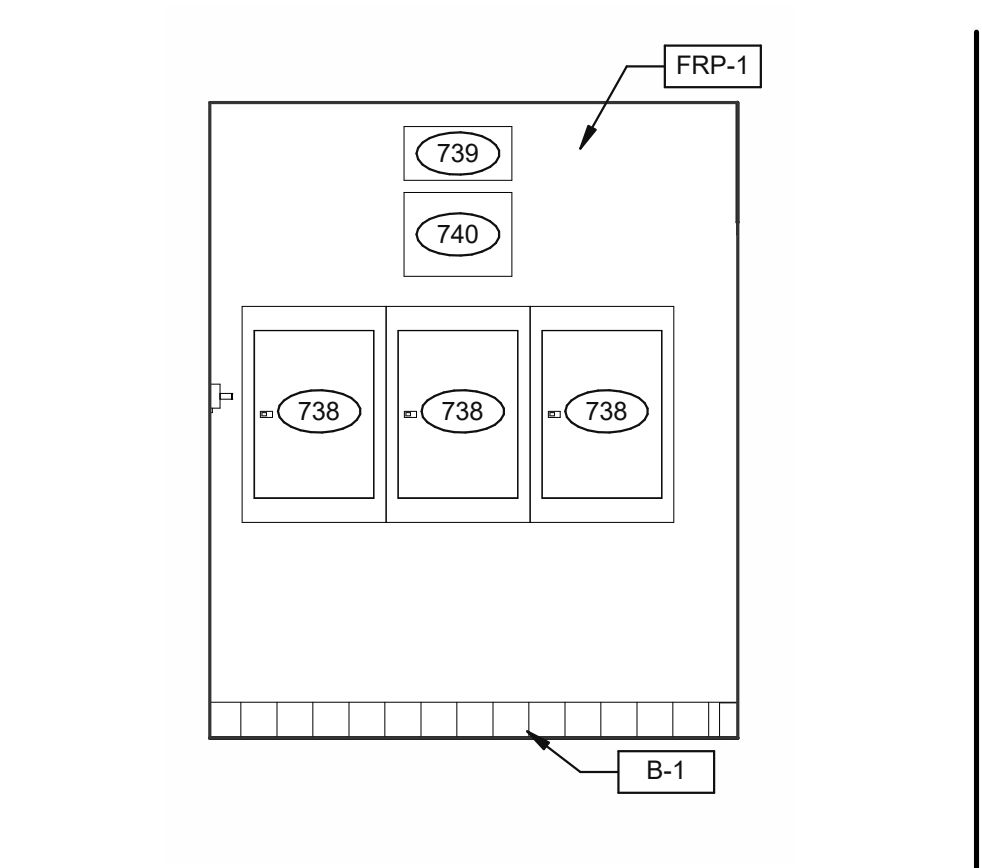
MEN'S RESTROOM 3/8" = 1'-0" 7



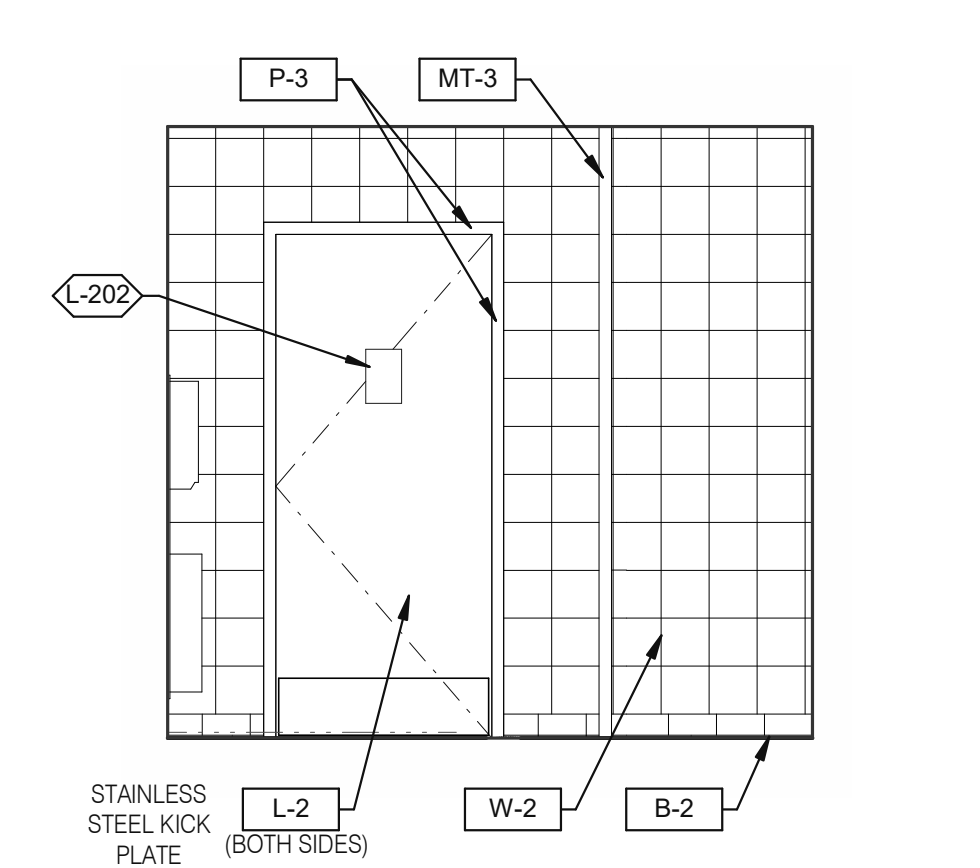
WOMEN'S RESTROOM 3/8" = 1'-0" 3



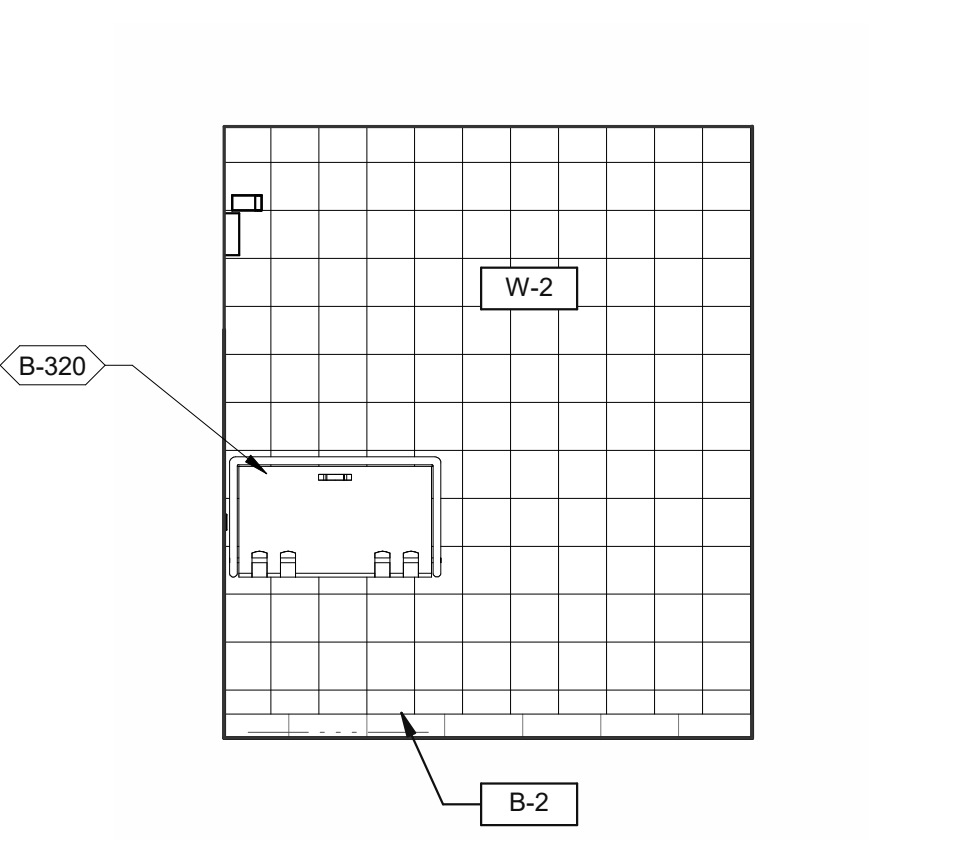
OFFICE PLAN 3/8" = 1'-0" B



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



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



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

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

KEYNOTES C

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SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY: RS  
JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
INTERIOR ELEV.  
ENLARGED  
RESTROOMS &  
OFFICE PLAN

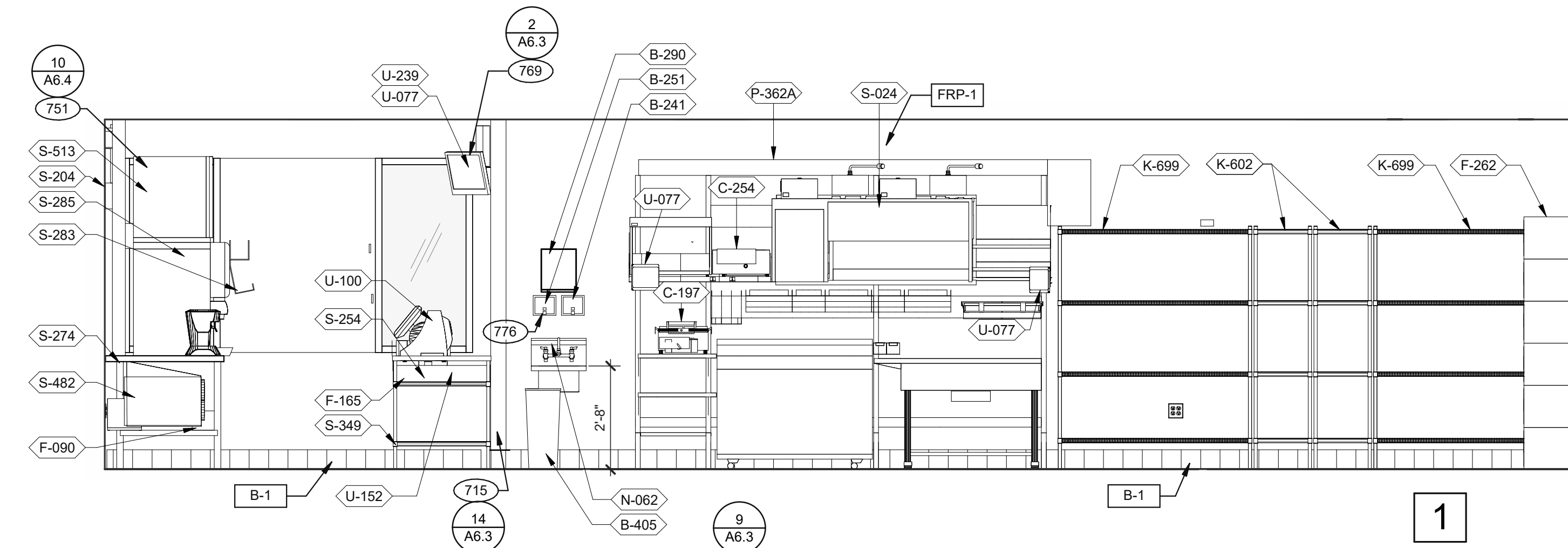
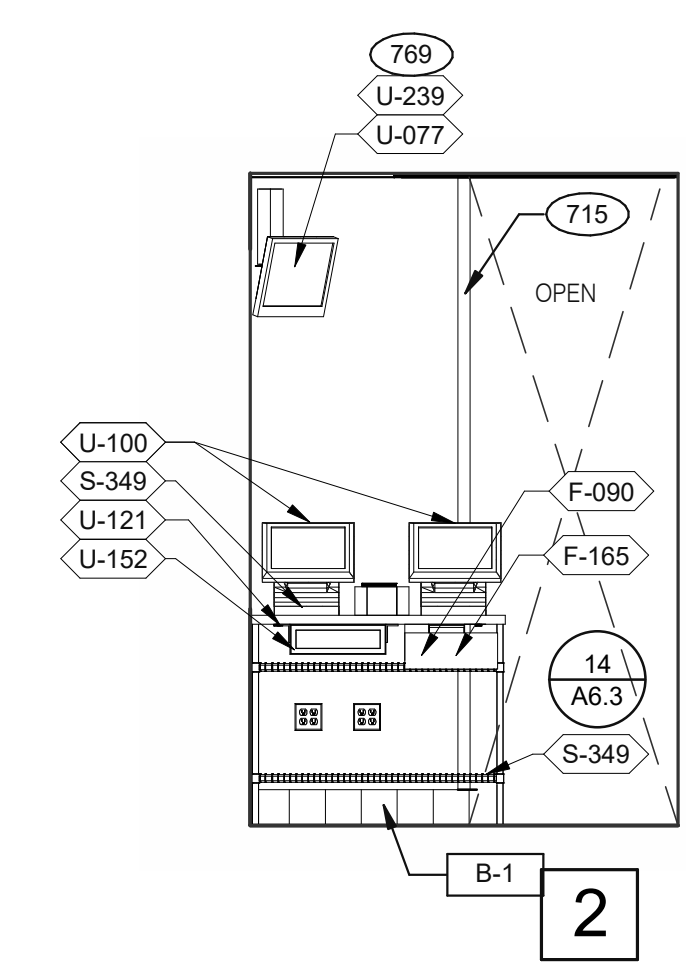
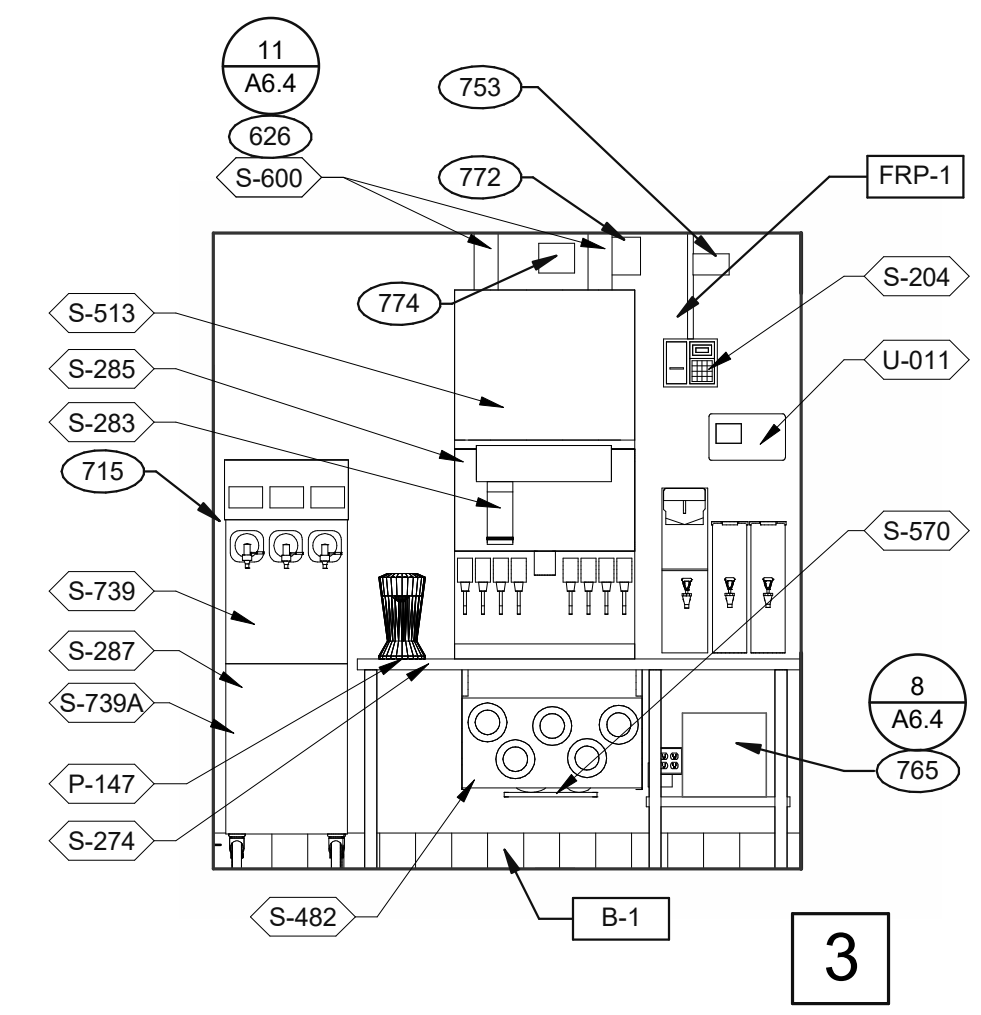
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PLOT DATE: 9/7/2022 6:50:37 AM



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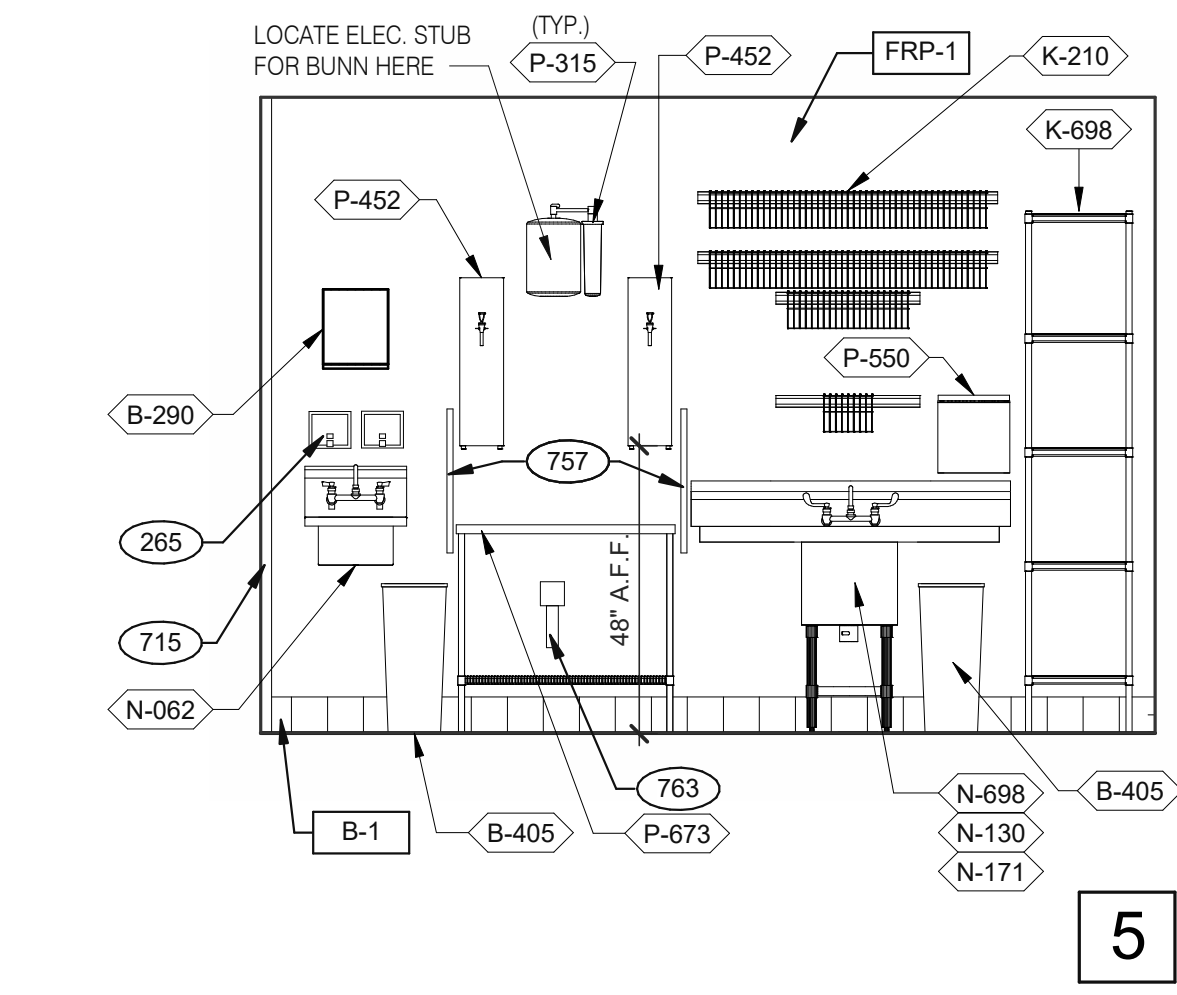
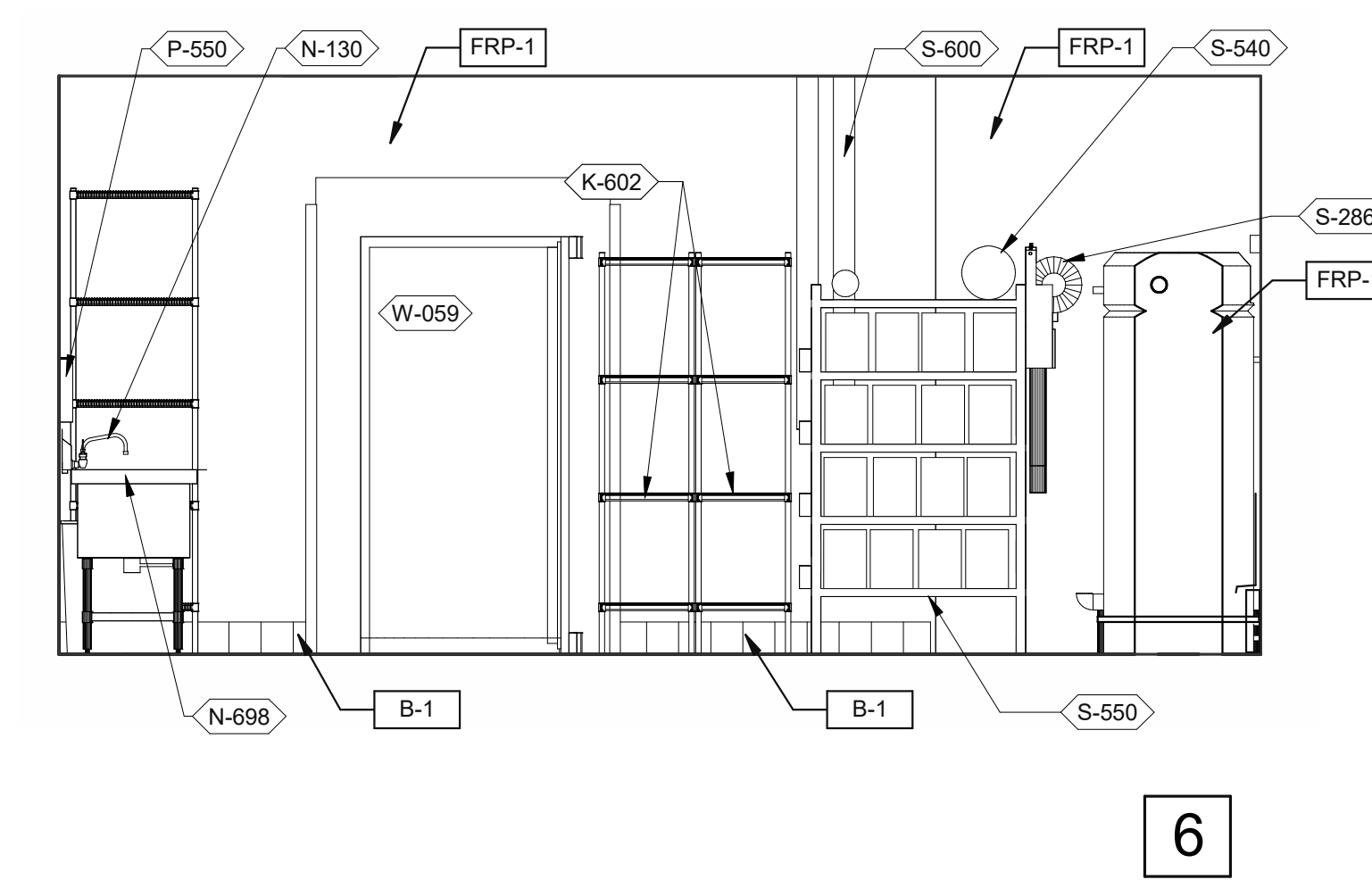
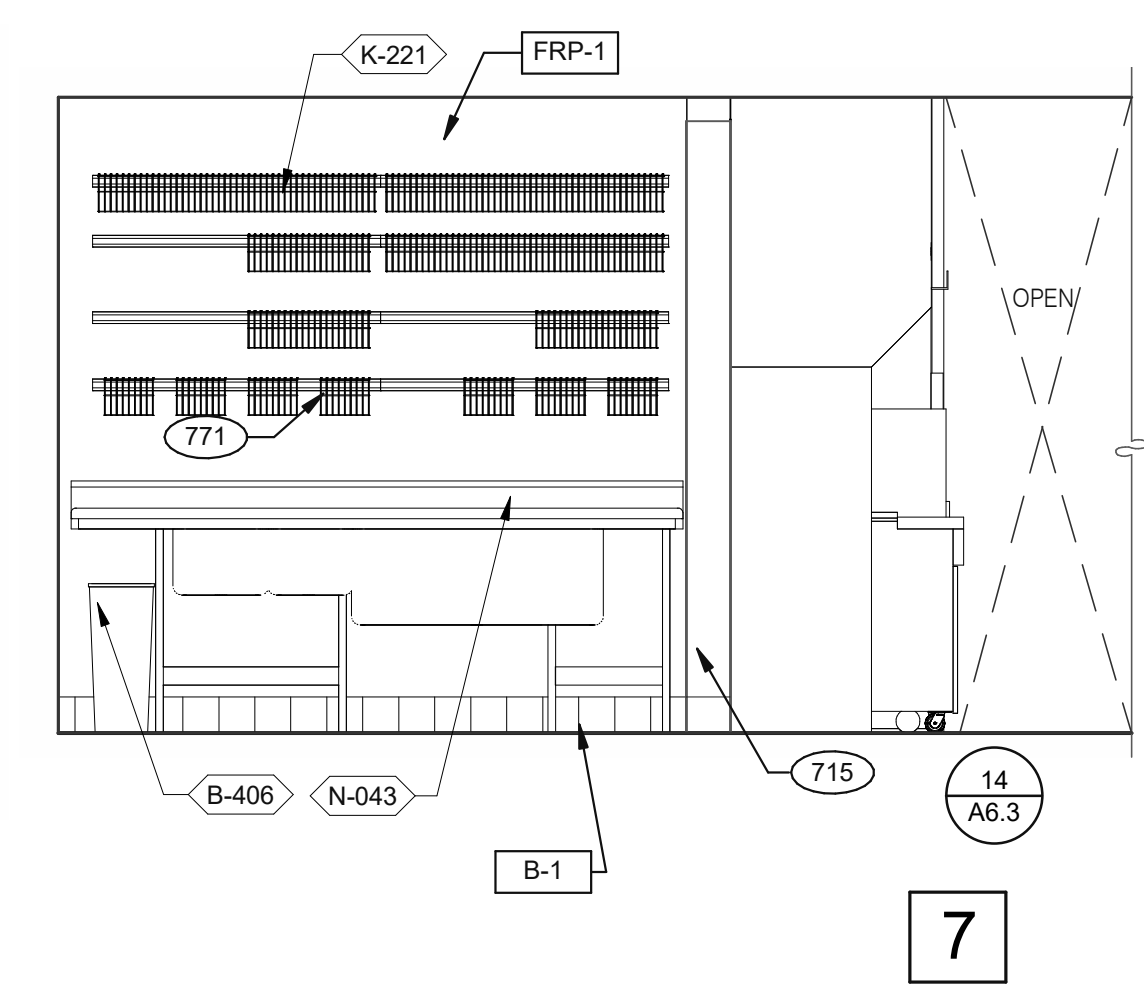
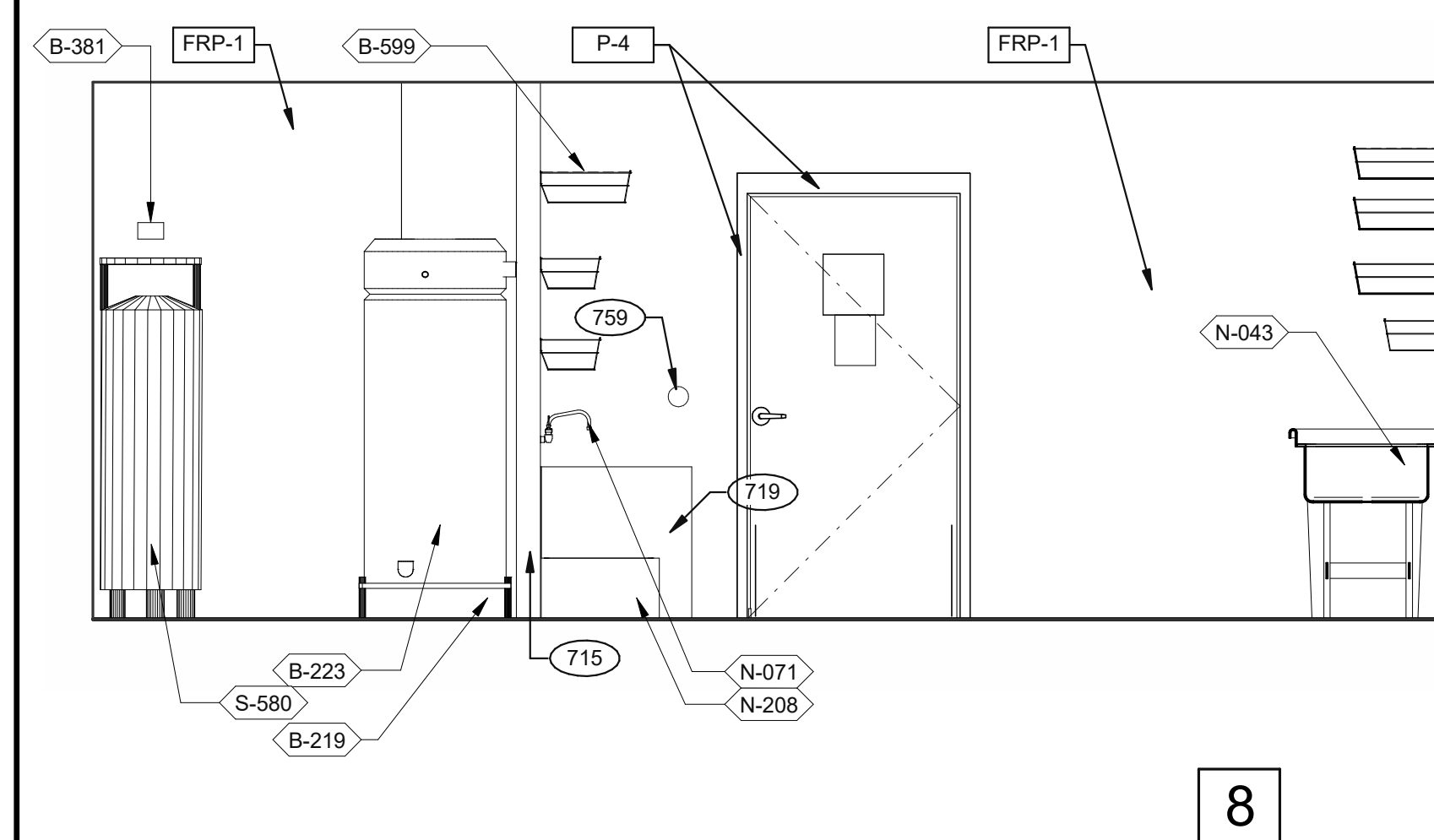
3638 WEST GALLOWAY DRIVE  
RICHFIELD, OH 44286  
330.572.2112 FAX: 330.572.2102



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

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

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

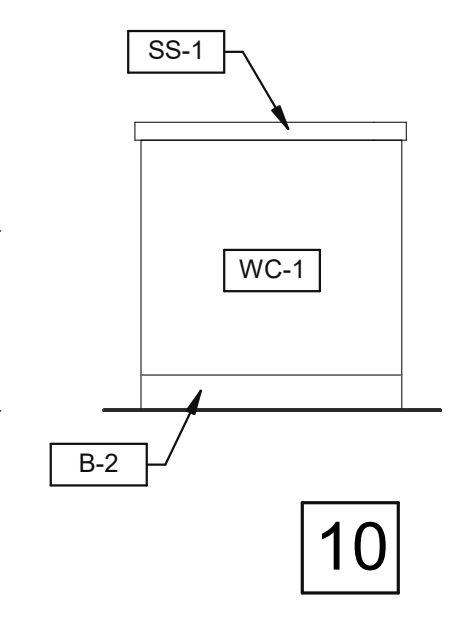
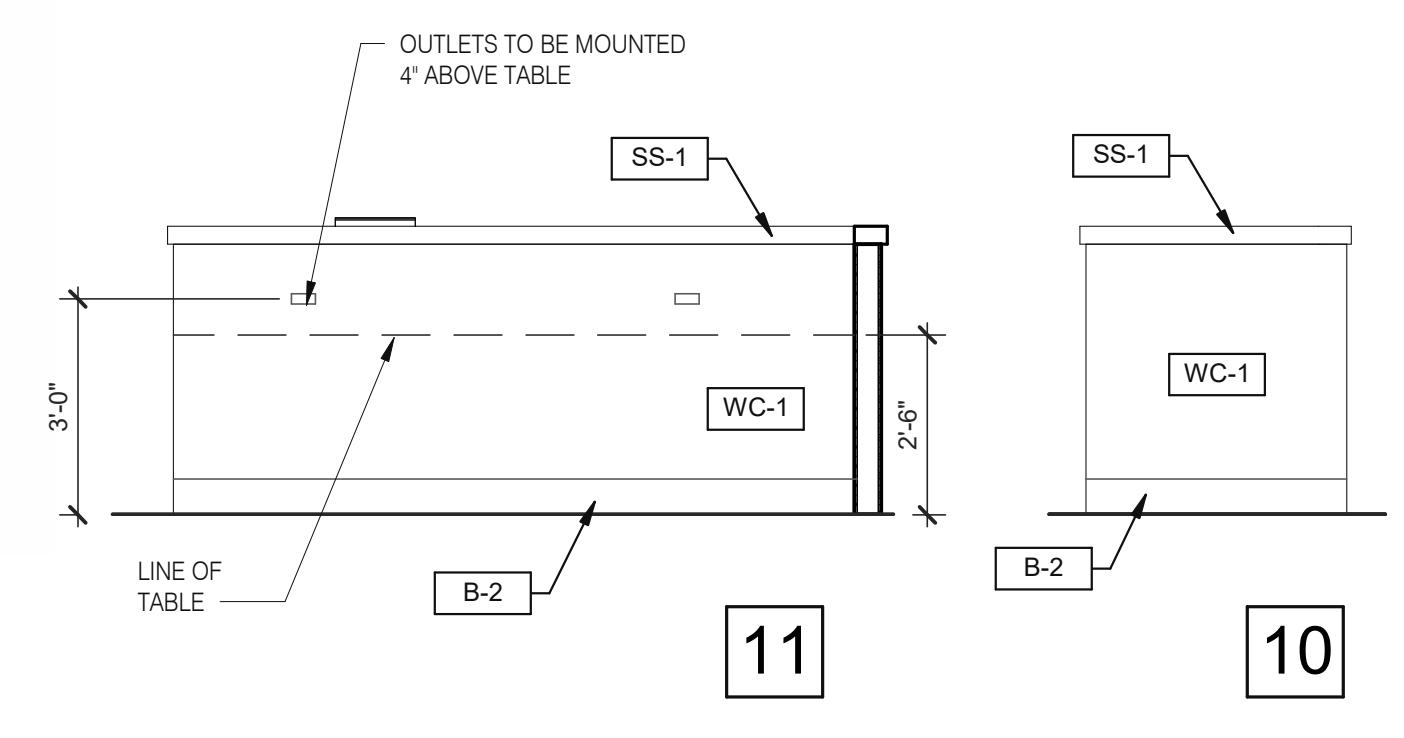
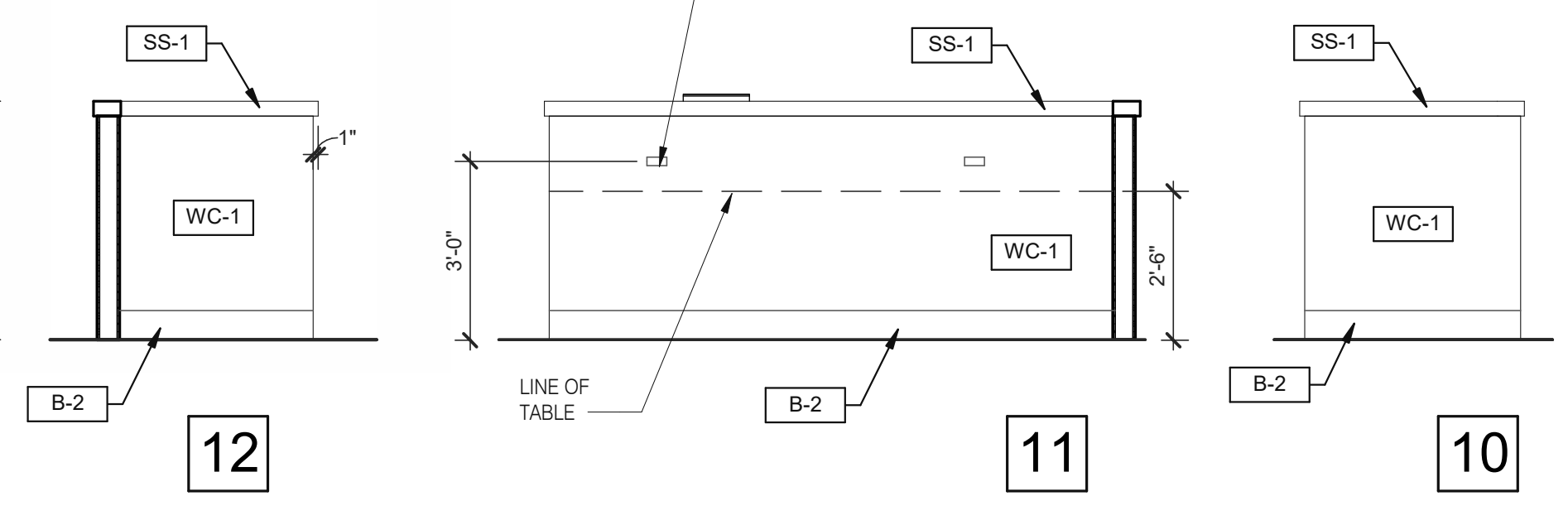
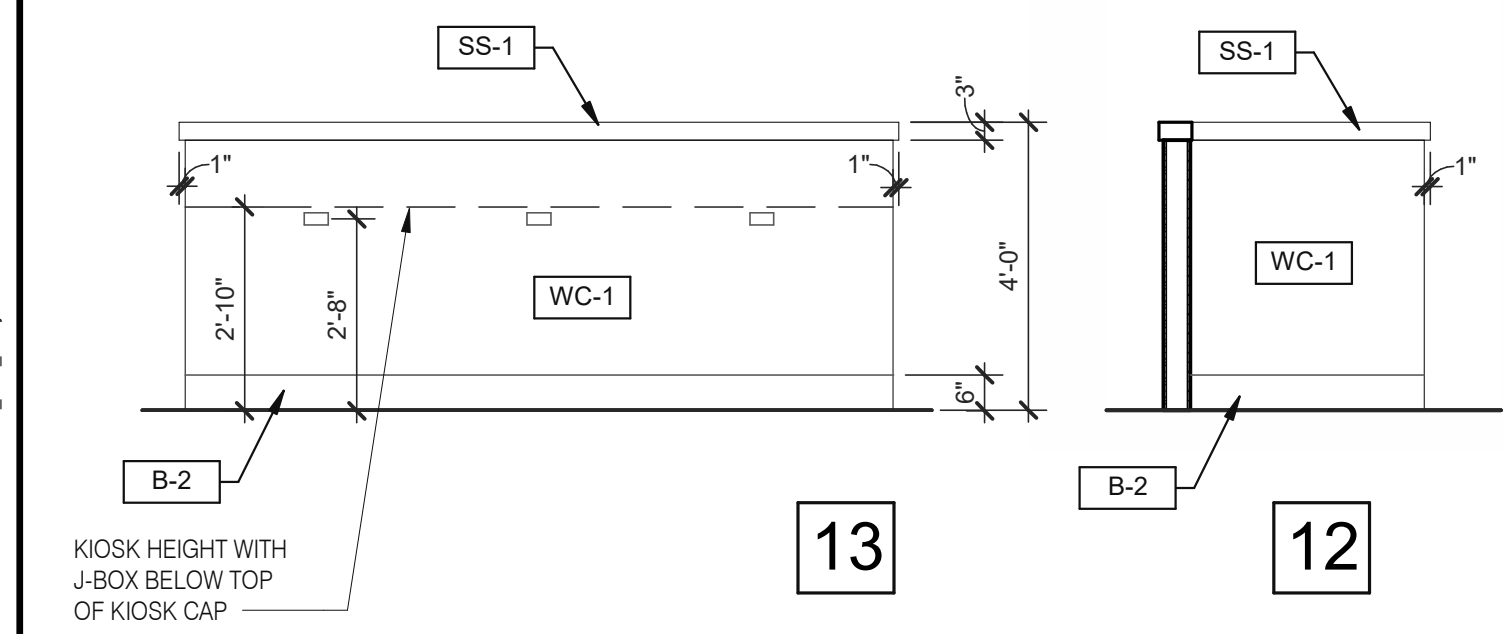


**UTILITY** 3/8" = 1'-0"

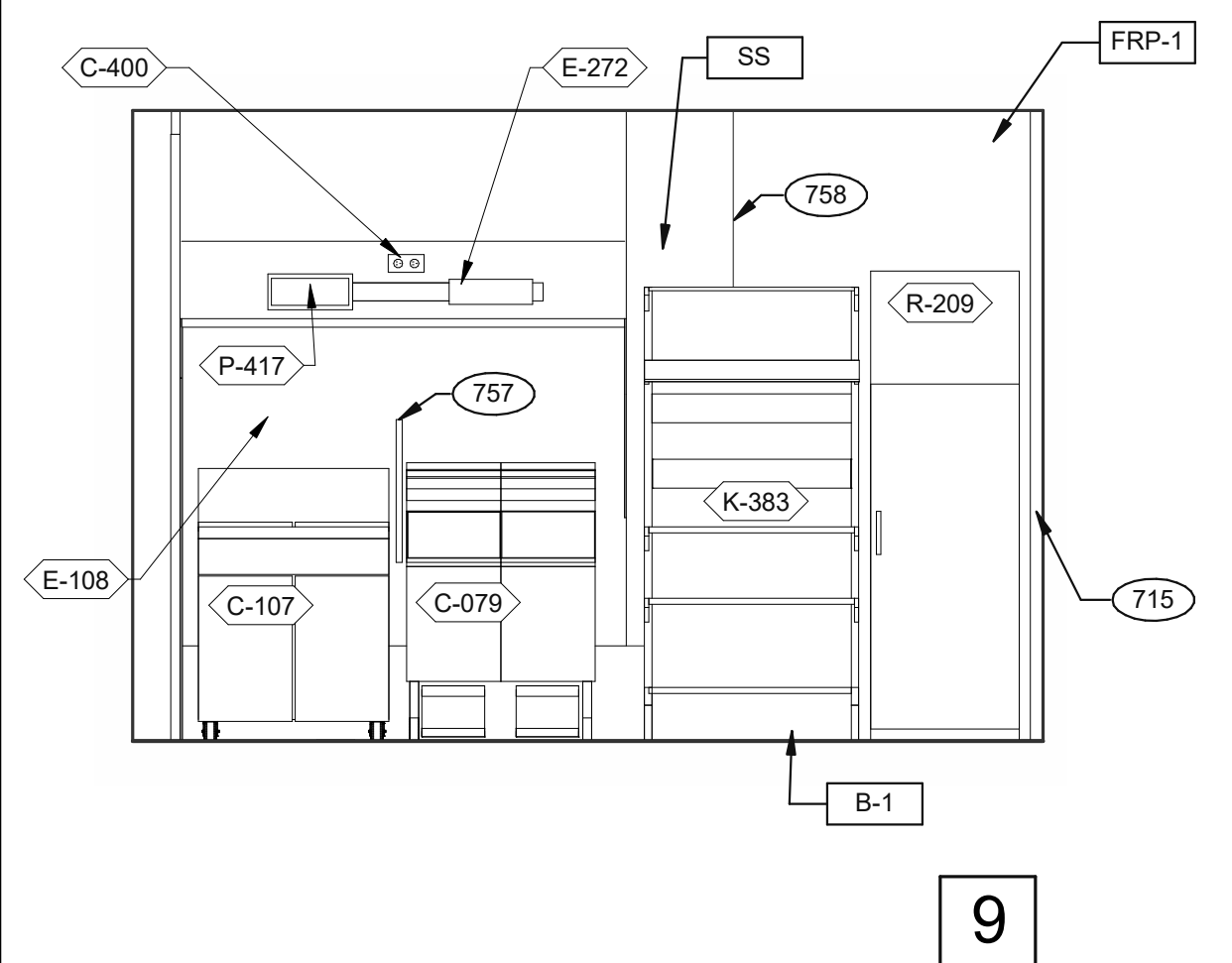
**WARE WASHING** 3/8" = 1'-0"

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

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



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



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

- KEY NOTES**
- 265 AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY ECOLAB.
  - 626 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 11/A6.4.
  - 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 14/A6.3 AND
  - 719 STAINLESS STEEL CLOSURE WITH FLASHING AND END CAP.
  - 751 STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES.
  - 753 DRIVE-THRU TIMER DISPLAY UNIT.
  - 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.

**KEY NOTES**

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 JOB NO.: 2021088.17

**TACO BELL**

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
KITCHEN**

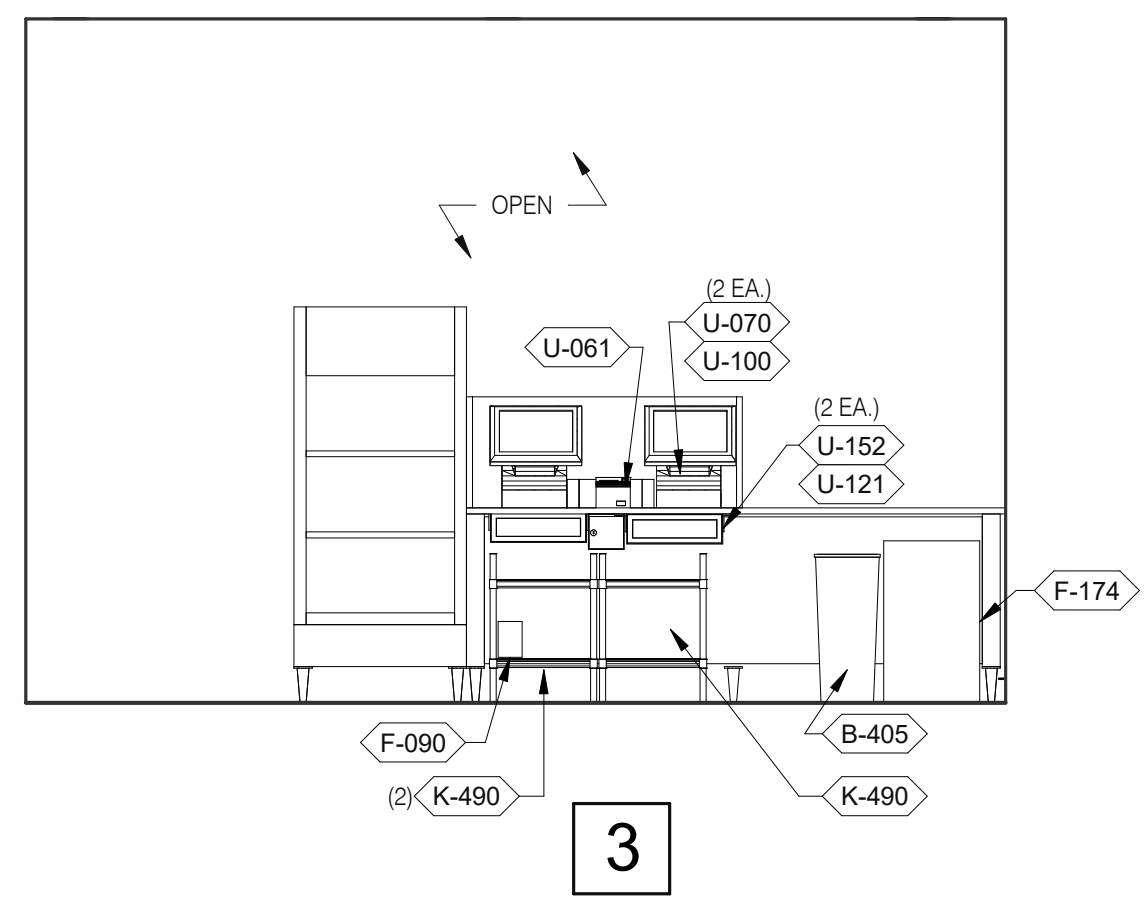
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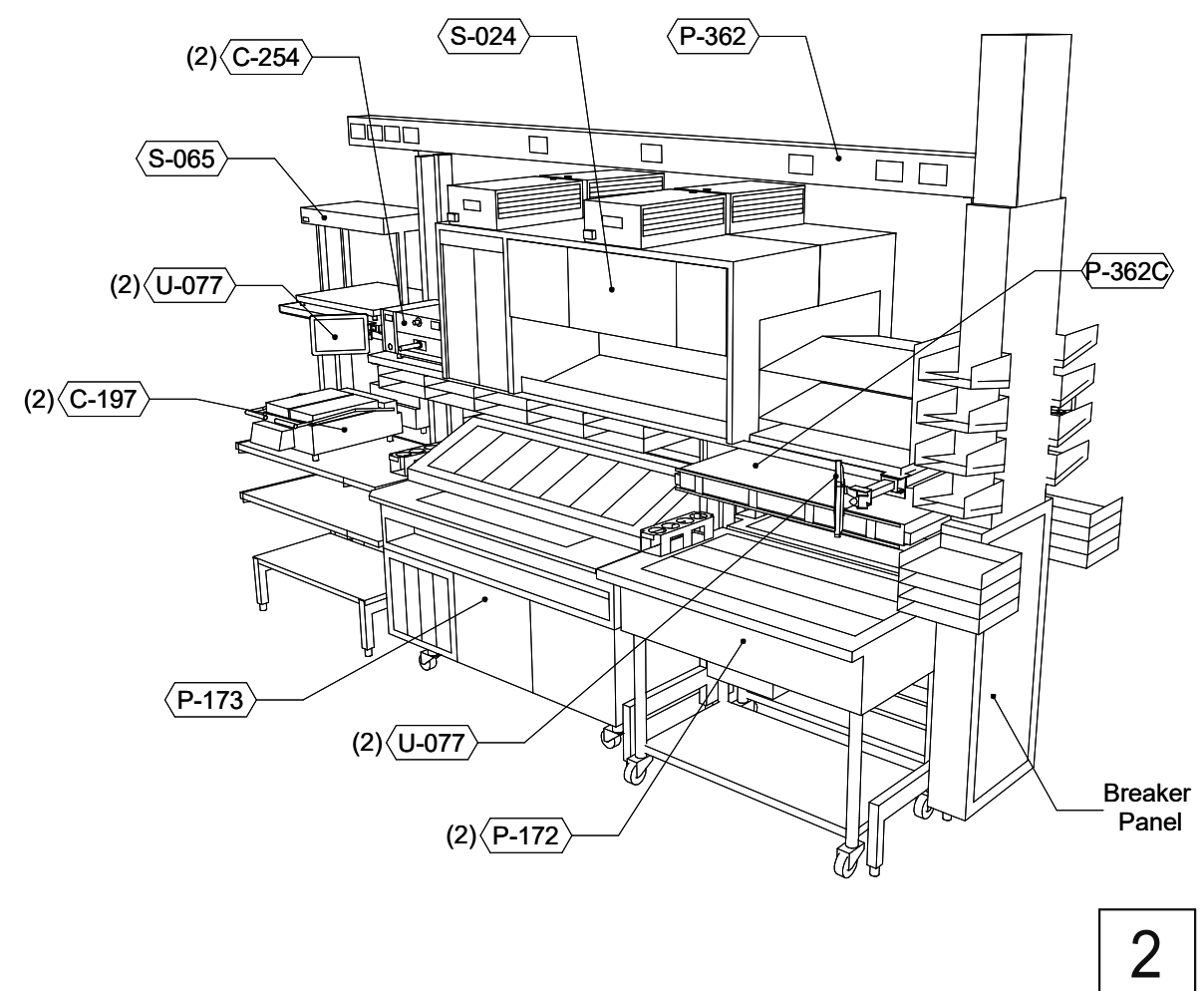
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Mark S. Salopek, LLC

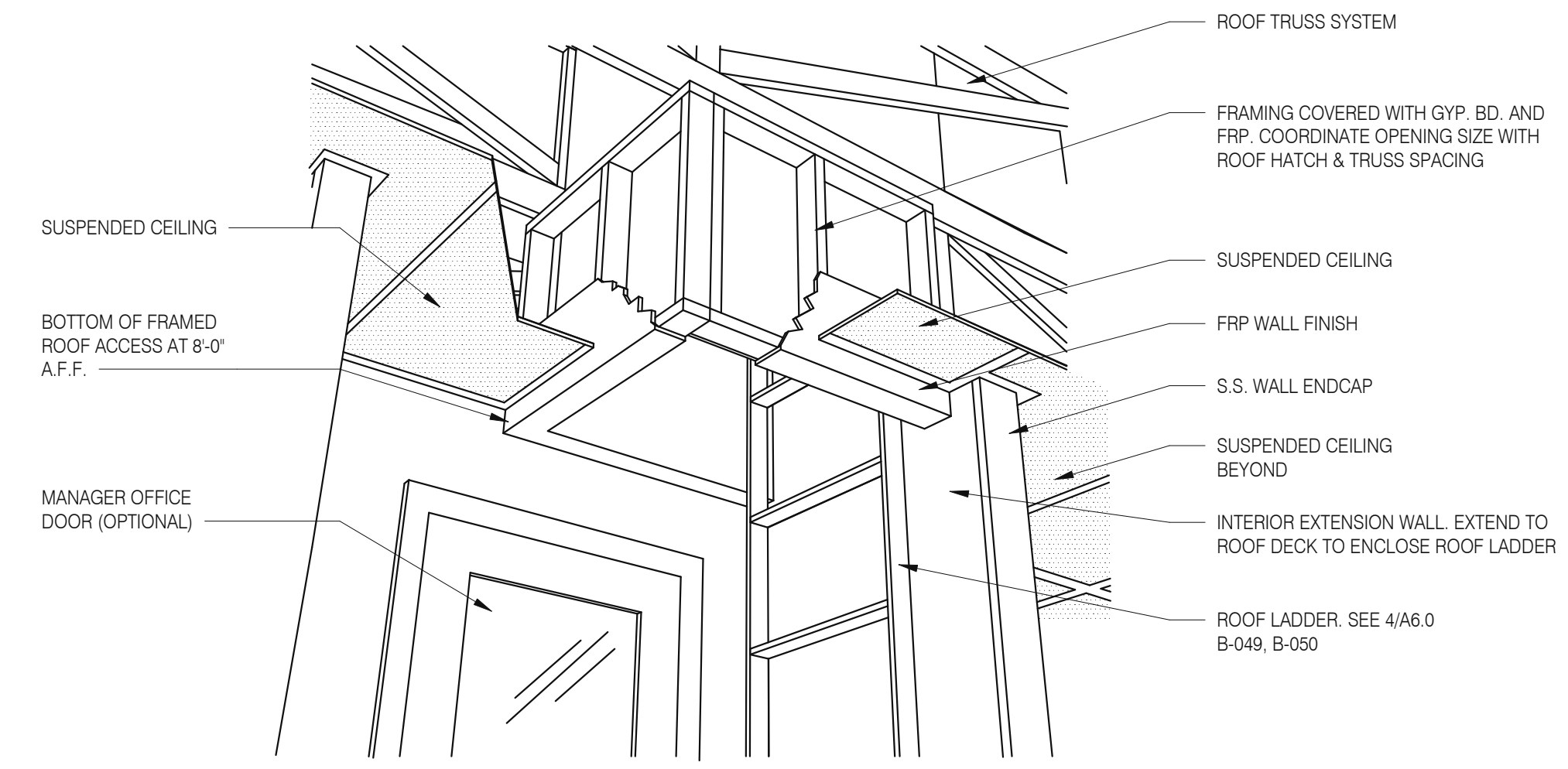
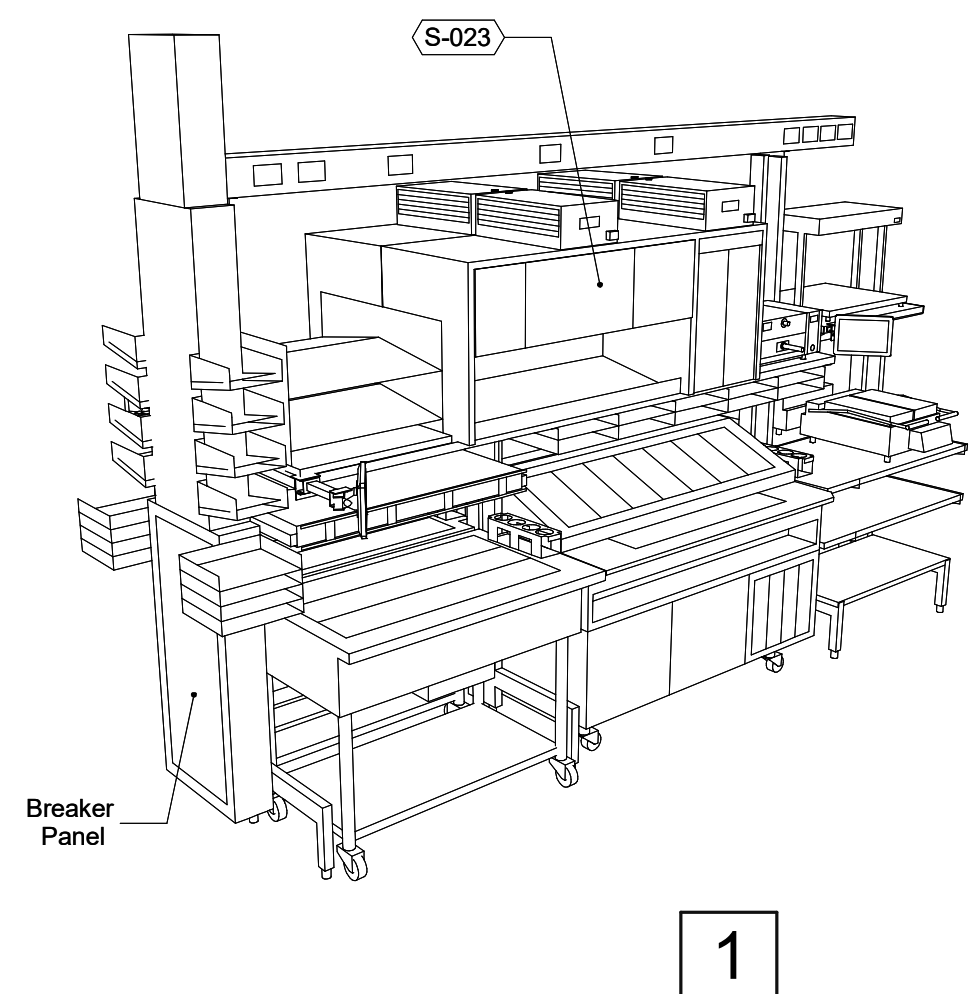
3638 WEST GALLOWAY DRIVE  
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330.572.2112 FAX: 330.572.2102



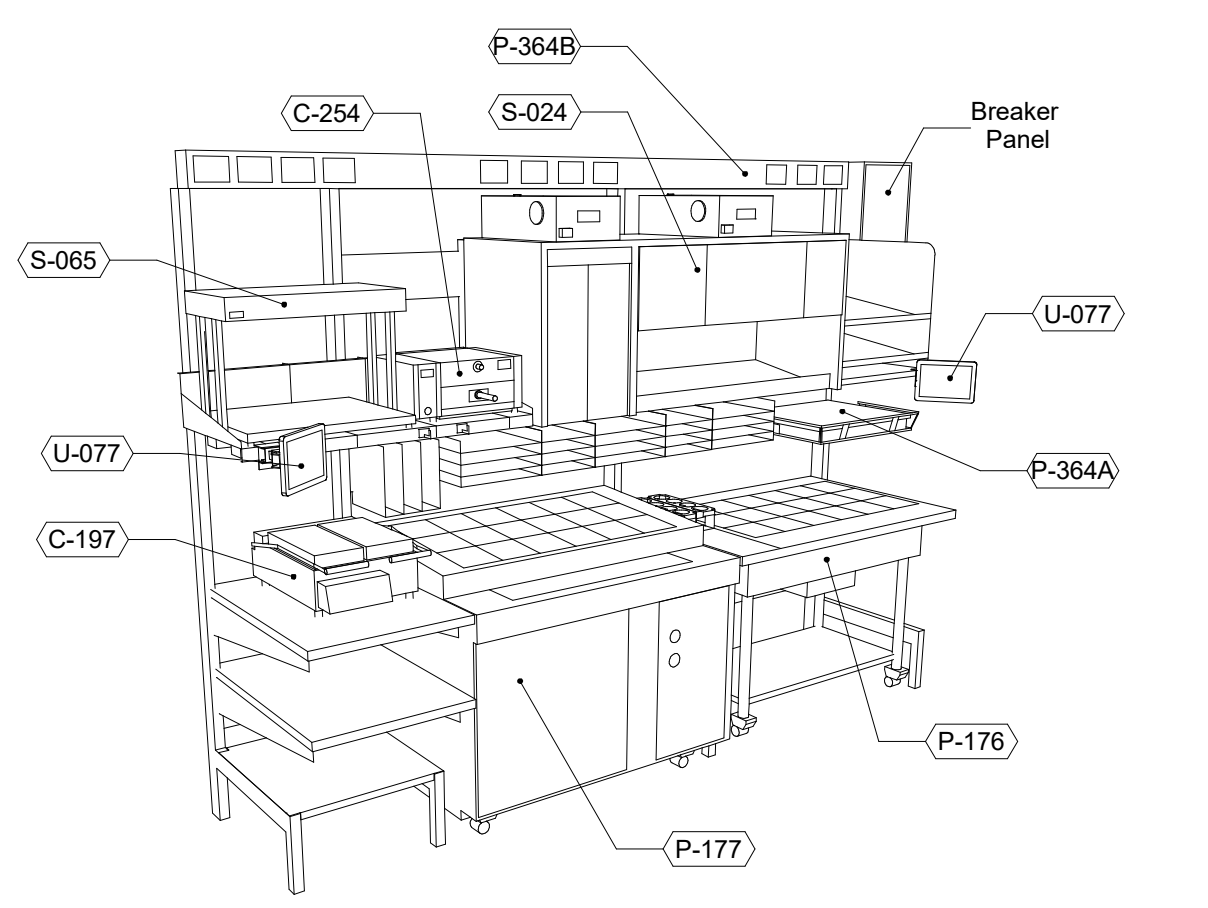
**SERVING** 3/8" = 1'-0"



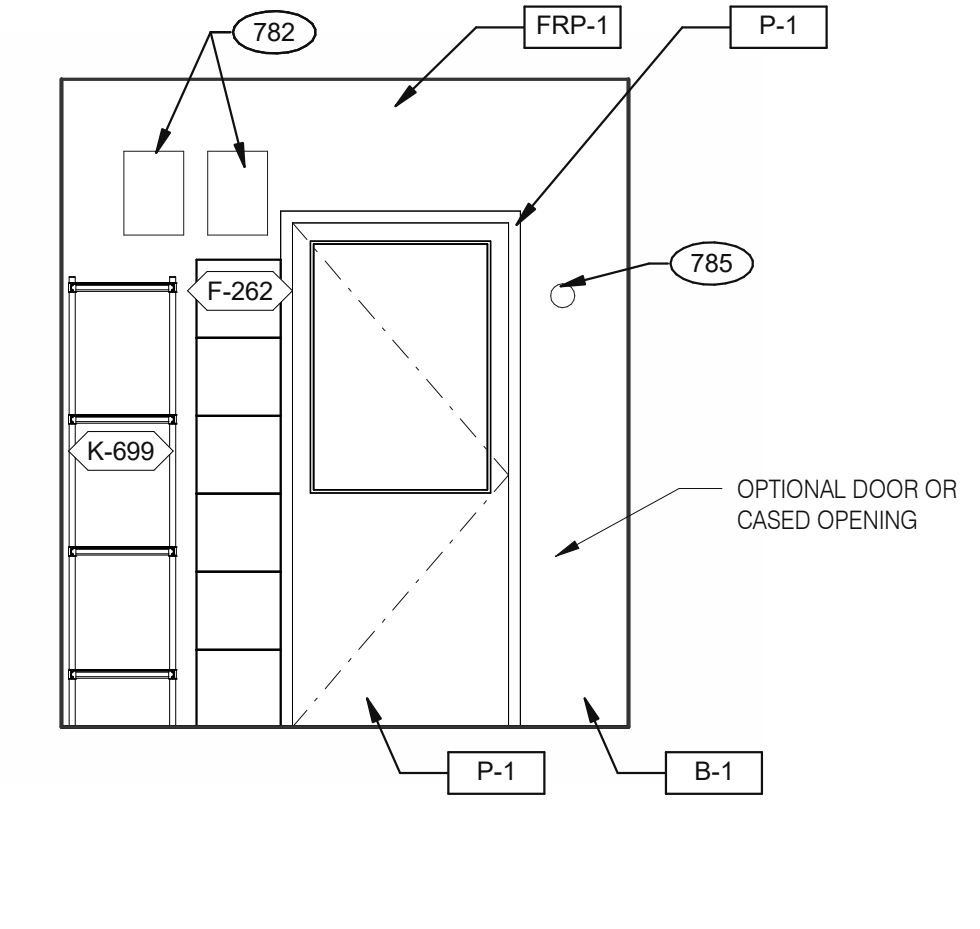
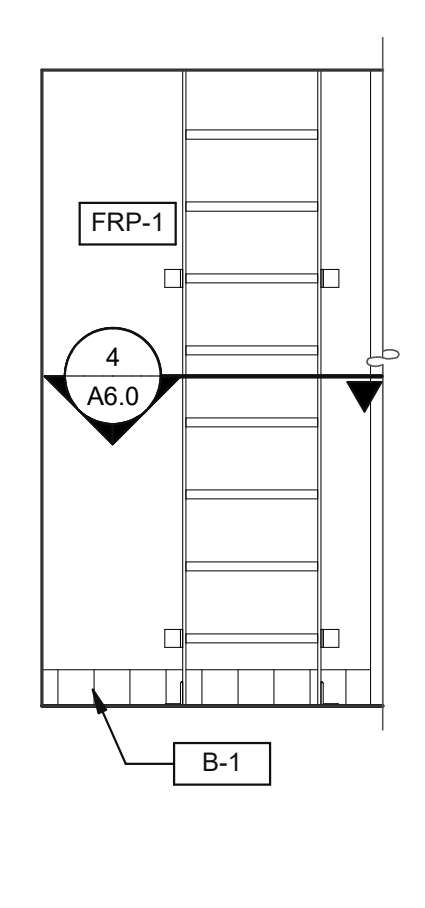
**P-362B FLEX DUAL-LINE** 3/8" = 1'-0"



**A - ROOF LADDER VIEW**



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



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

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09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: SM  
DRAWN BY.: RS  
JOB NO.: 2021088.17

**TACO BELL**

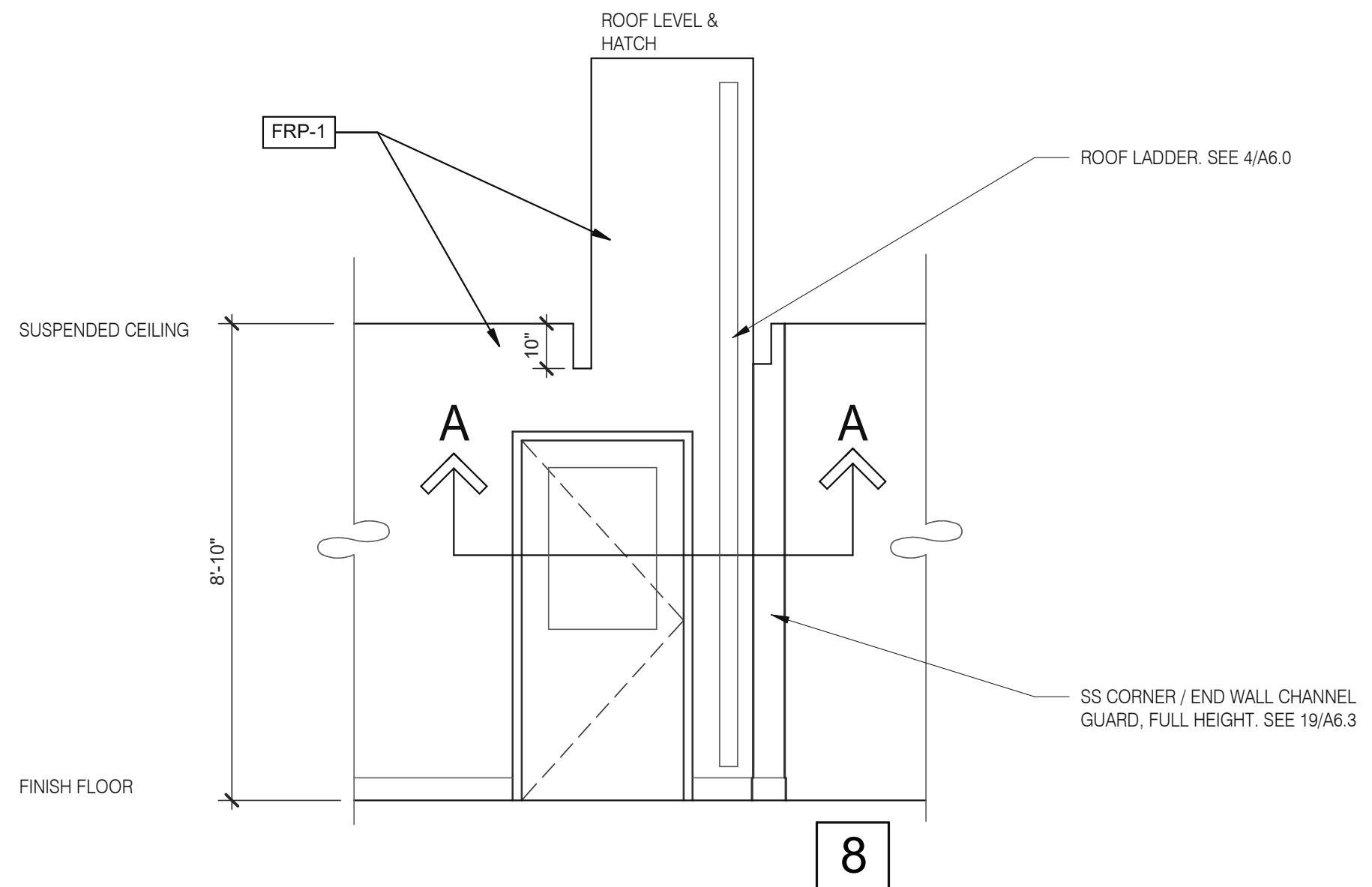
5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



**ENDEAVOR 2.0  
INTERIOR  
ELEVATIONS  
KITCHEN**

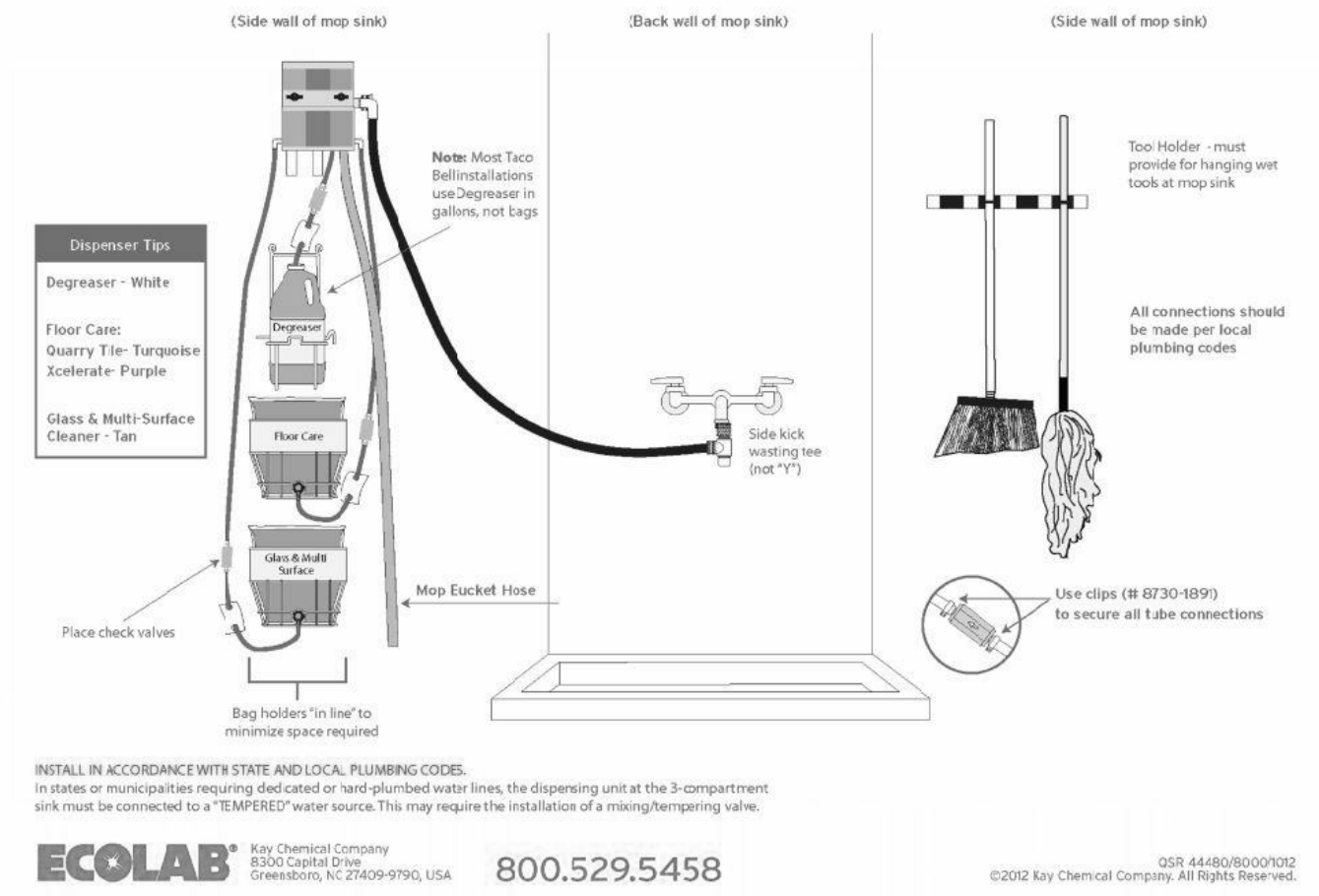
**A8.3**

PLOT DATE: 9/7/2022 6:50:46 AM



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

**Taco Bell Mop Sink Installation**



**MOP SINK INSTALLATION** **C**

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

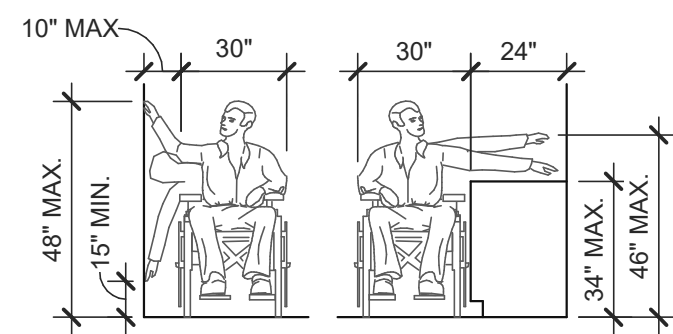
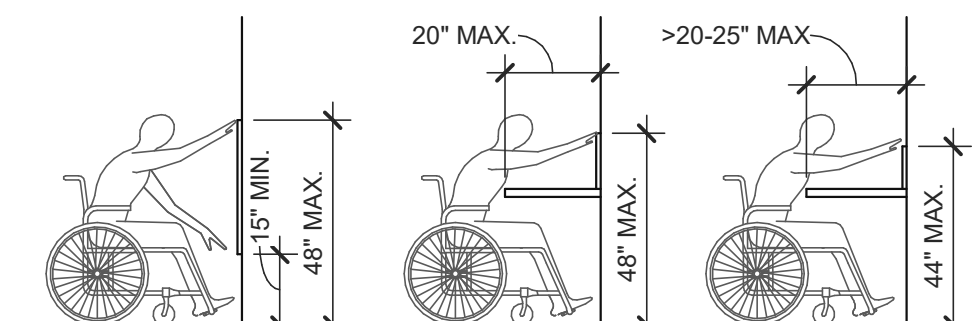
**KEYNOTE** **A**

Mark S. Salopek, LLC

3638 WEST GALLOWAY DRIVE  
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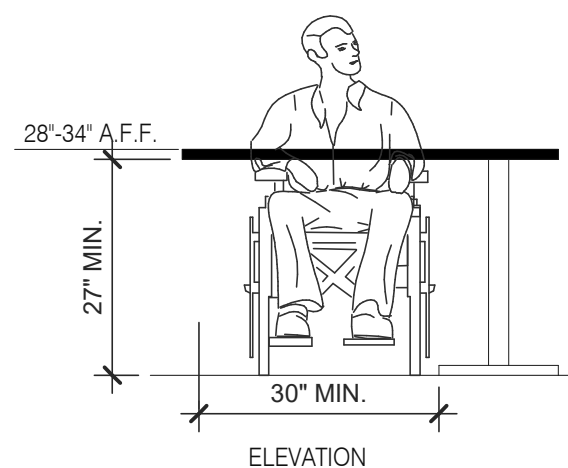
TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS



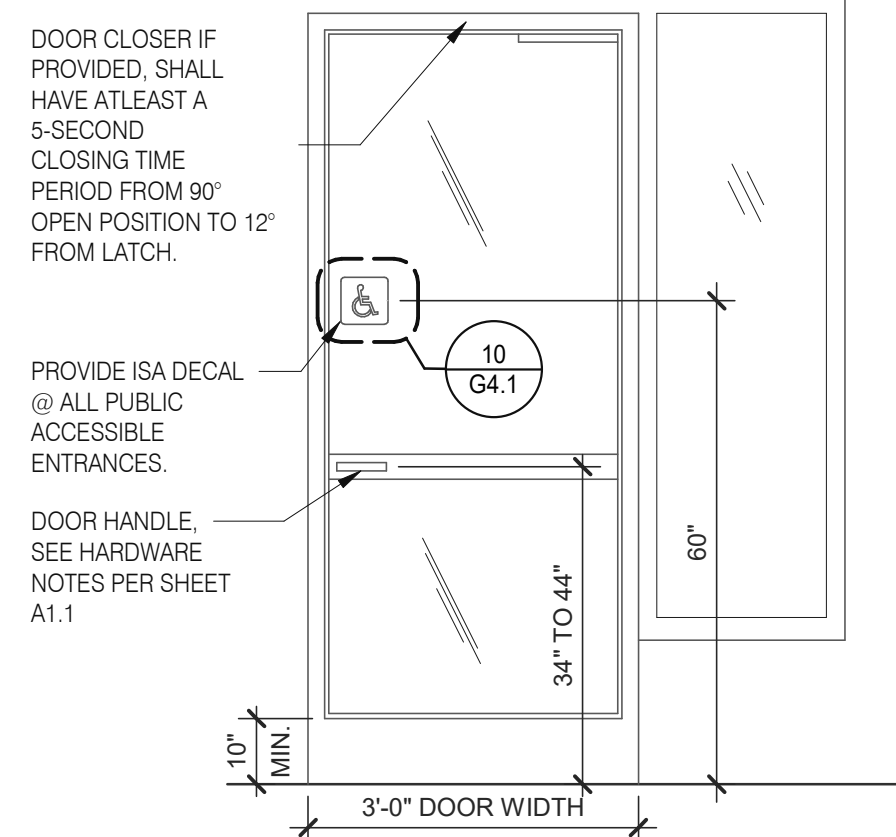
SIDE APPROACH

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

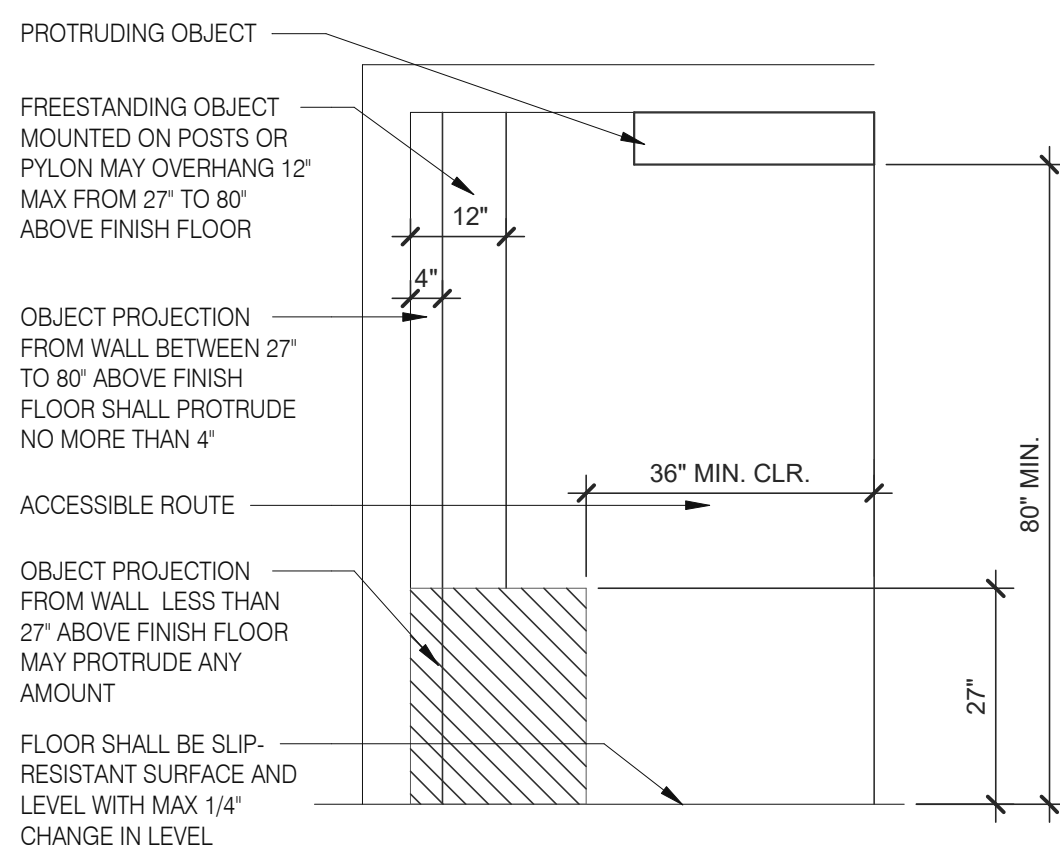


ELEVATION

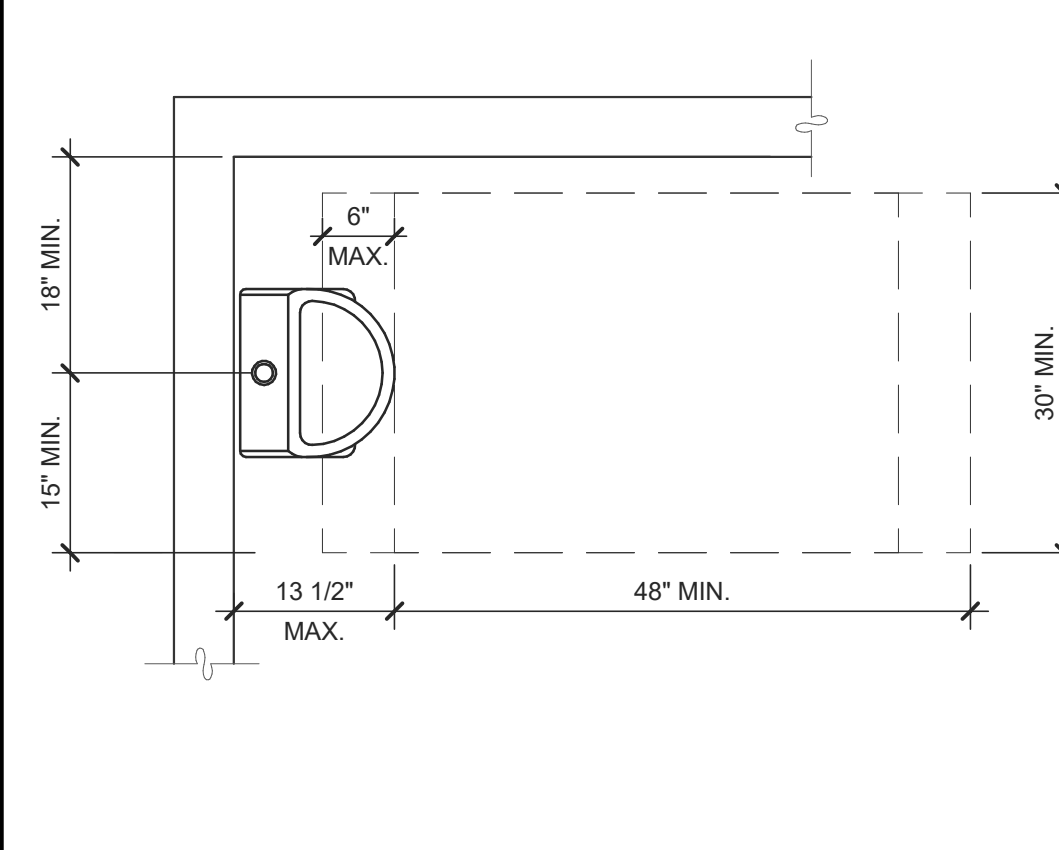
SEATING AND TABLES 1/2" = 1'-0" 18



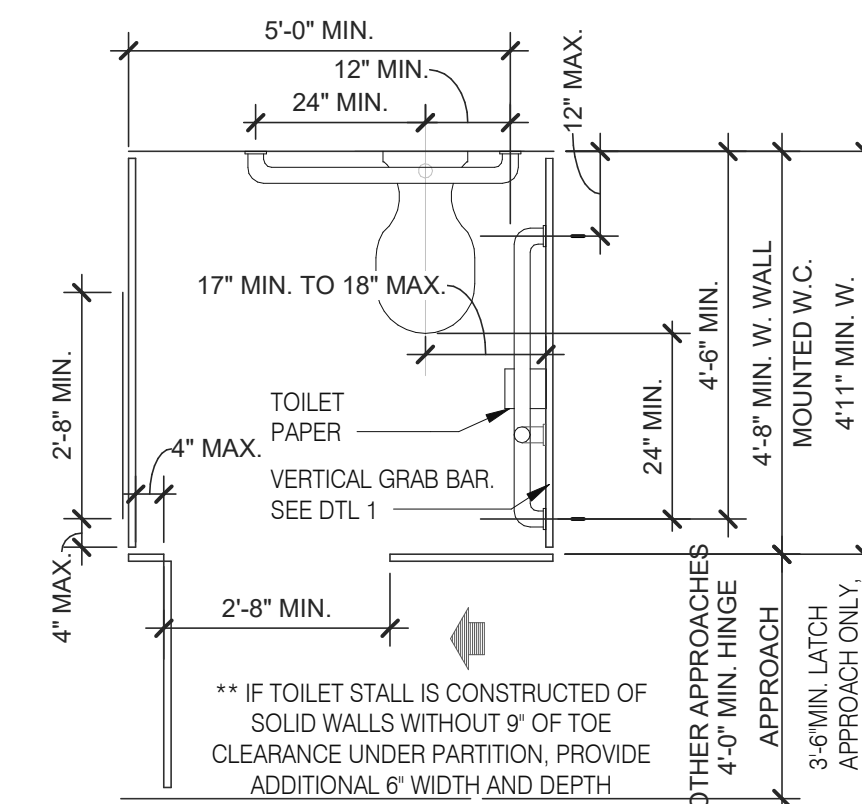
TYP. ENTRANCE / EXIT DOOR 3/8" = 1'-0" 14



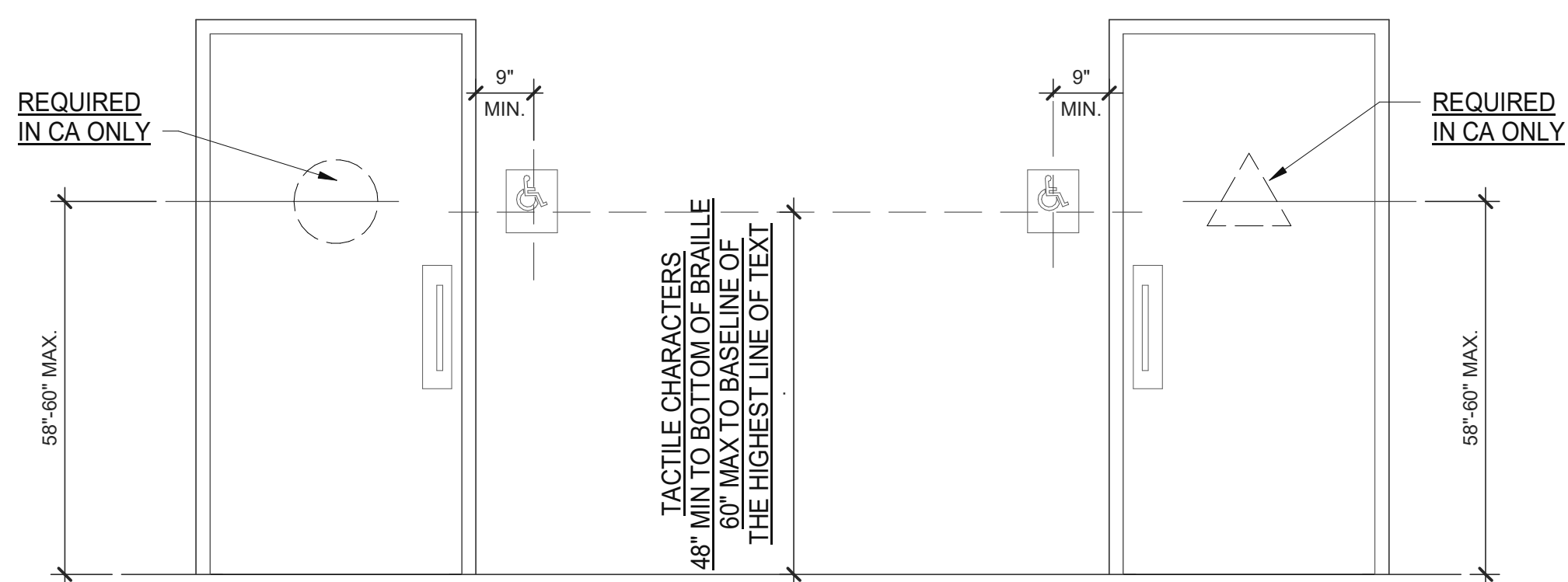
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" 10



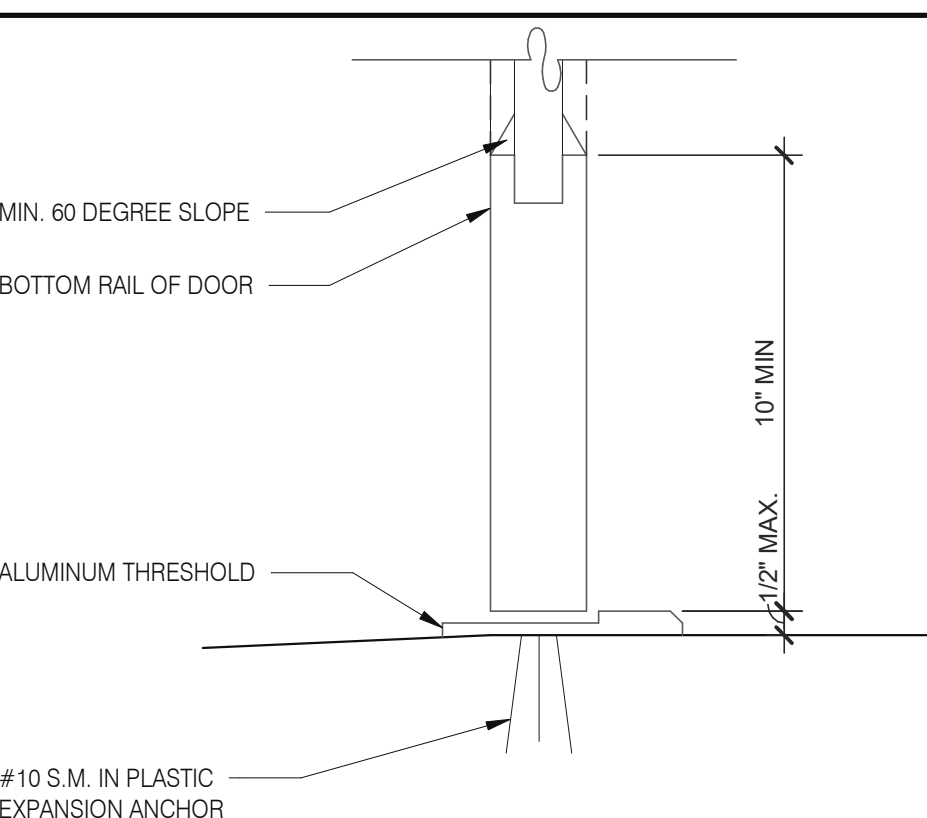
ACCESSIBLE URINAL 3/4" = 1'-0" 6



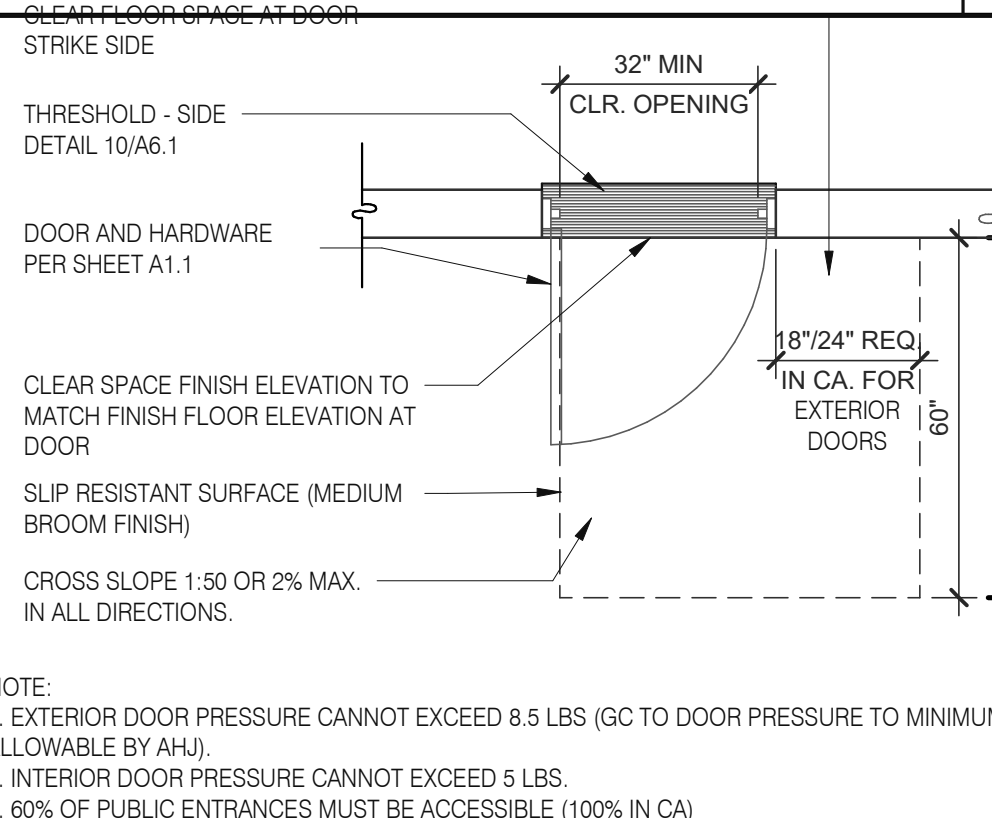
STANDARD TOILET STALL 1/2" = 1'-0" 2



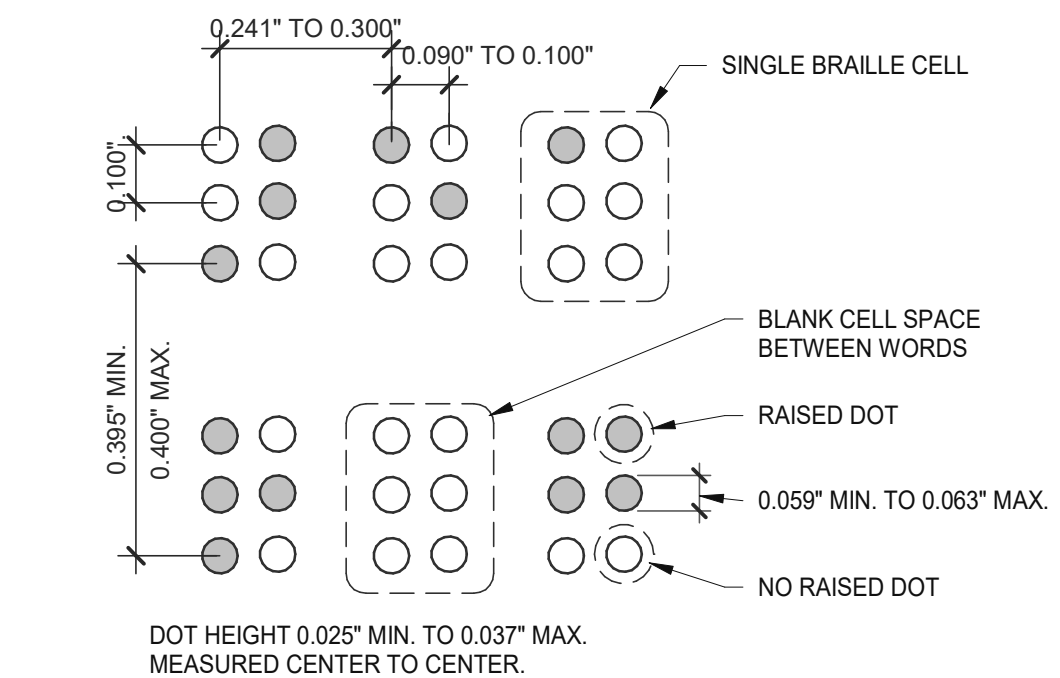
ACCESSIBLE RESTROOM DOORS 1/2" = 1'-0" 15



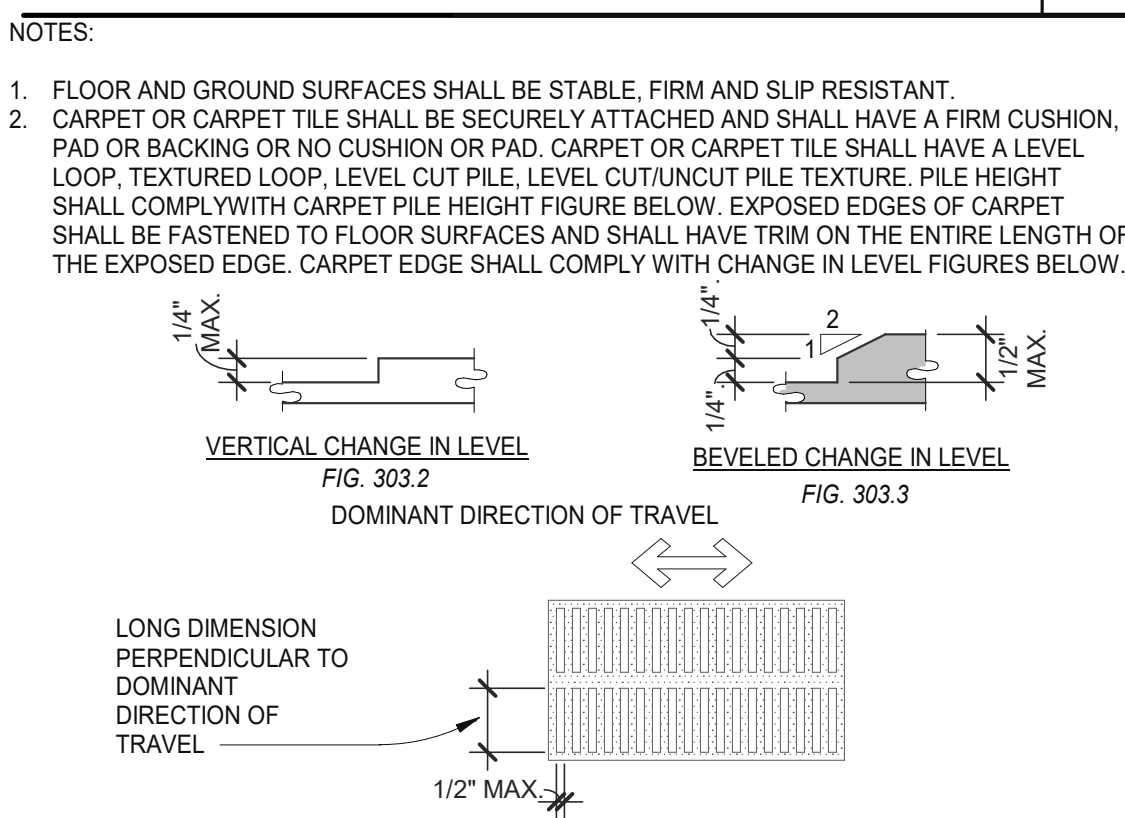
BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" 20



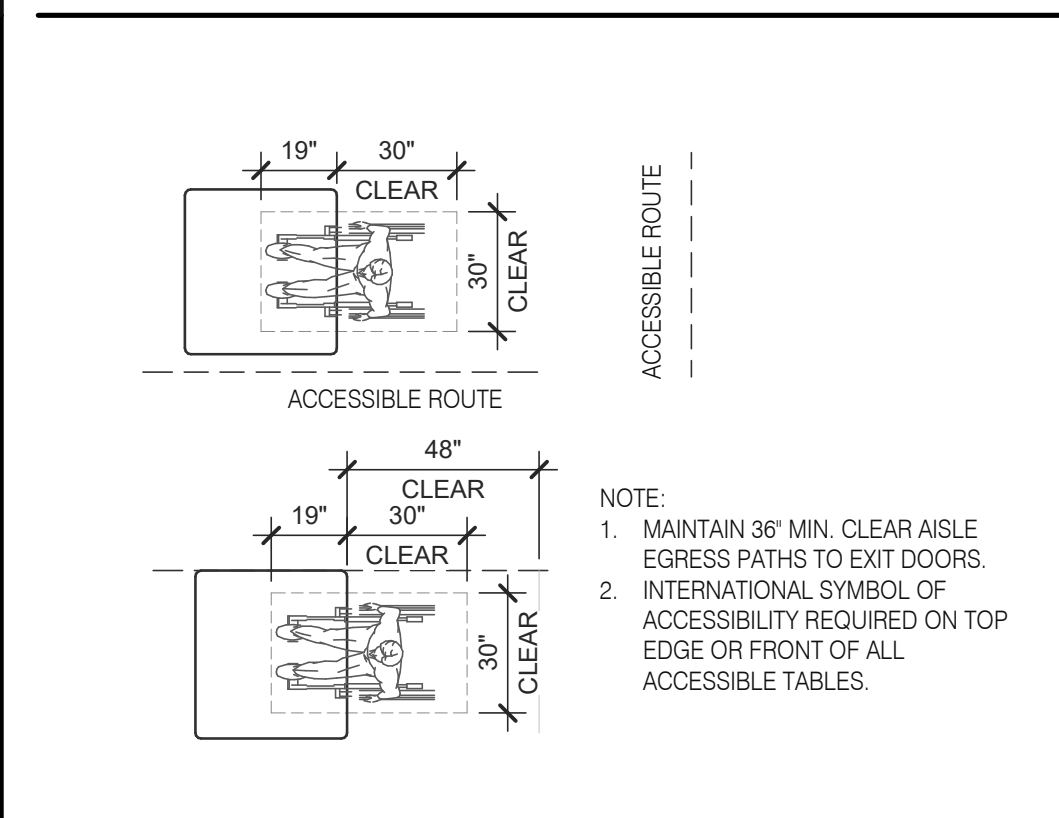
EXTERIOR DOOR REQUIREMENTS 3/8" = 1'-0" 16



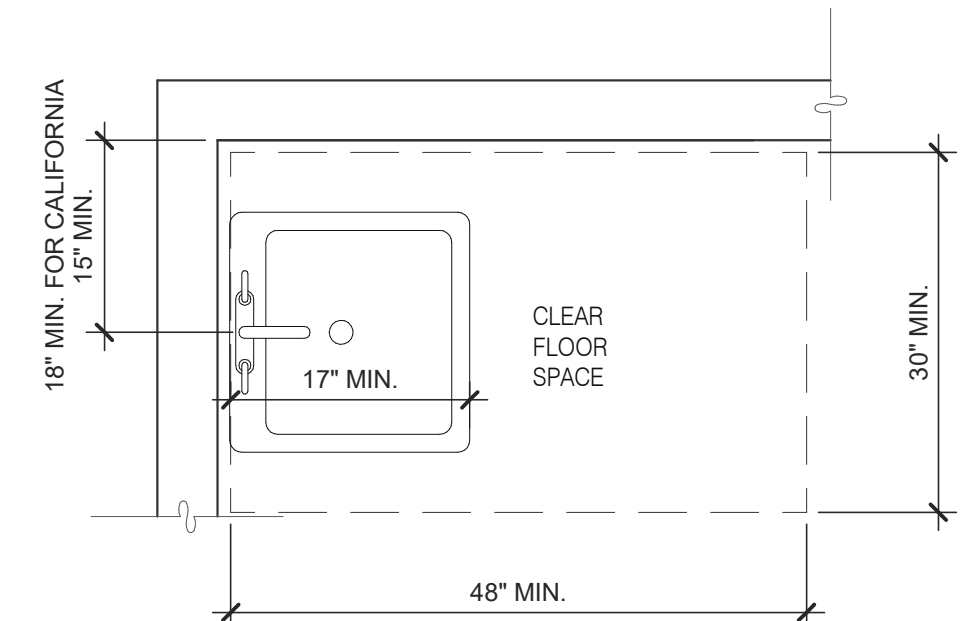
BRaille MEASUREMENT 1/4" = 1'-0" 11



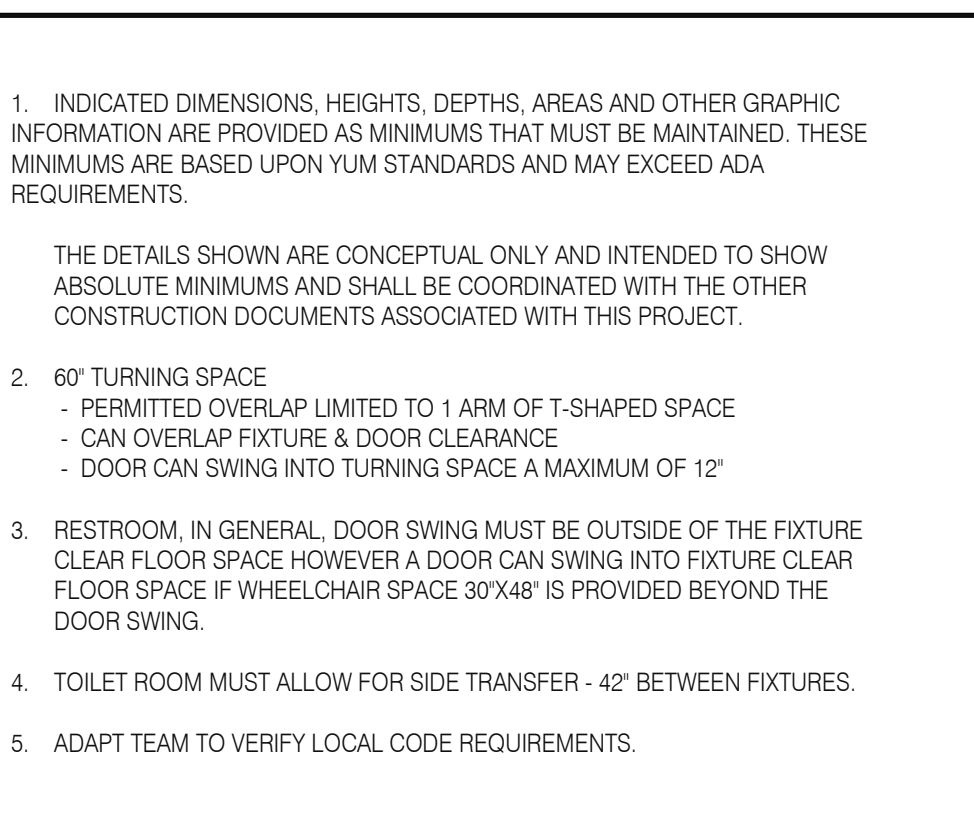
CHANGES IN LEVEL 1/2" = 1'-0" 12



DINING SEATING CLEARANCES N.T.S. 8



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



GENERAL NOTES 4

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TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
ACCESSIBILITY  
REQUIREMENTS

ADA1.0

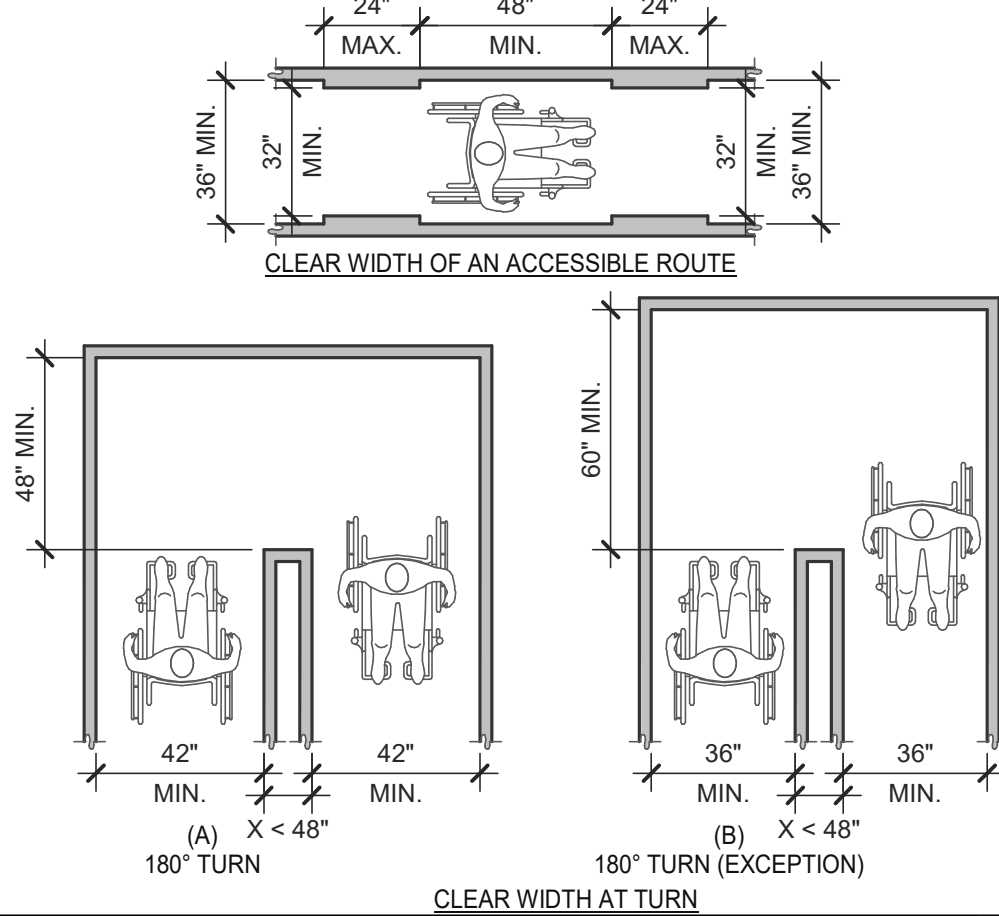
PLOT DATE: 9/7/2022 6:50:47 AM

### ACCESSIBILITY NOTES

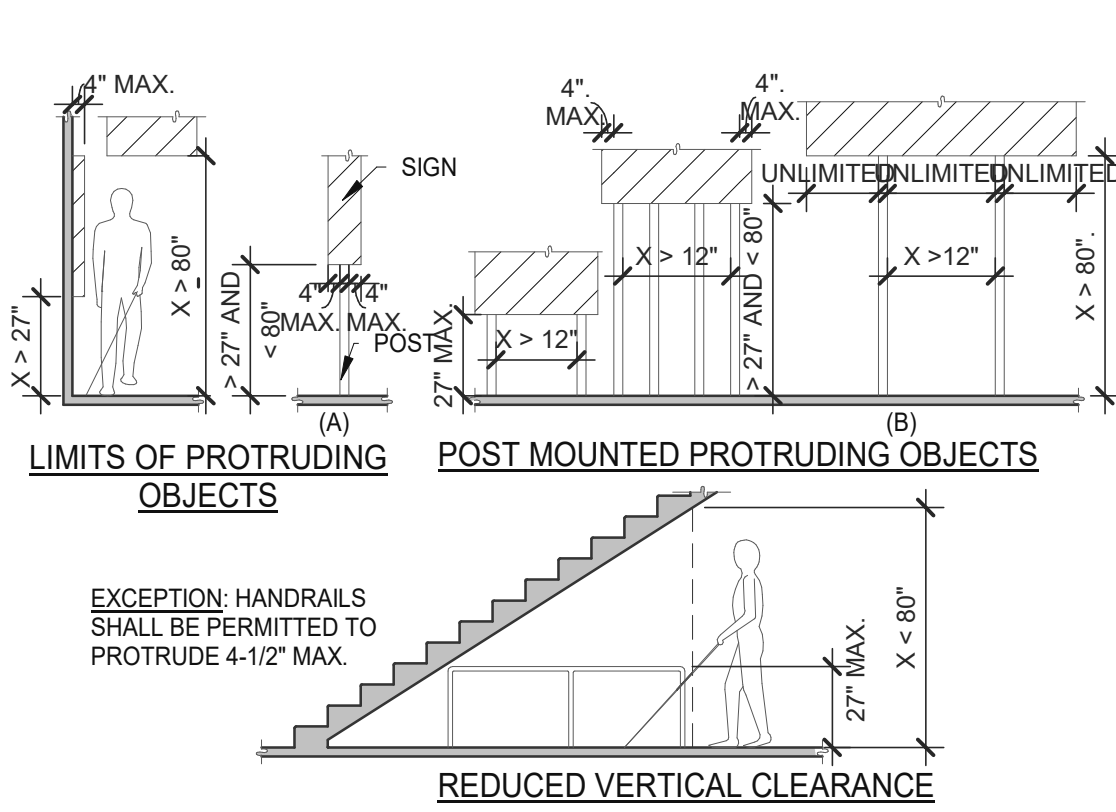
- "THE ACCESSIBILITY GUIDELINES AND CODES" MENTIONED BELOW REFER TO ALL APPLICABLE LOCAL/STATE BUILDING CODES REFERENCED ON THE PROJECT DATA SHEET OF THIS SET IN ADDITION TO THE FEDERAL REQUIREMENTS OF THE ADA (THE AMERICANS WITH DISABILITIES ACT).
- DETAILS ON THIS SHEET ARE FOR REFERENCE ONLY. REFER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

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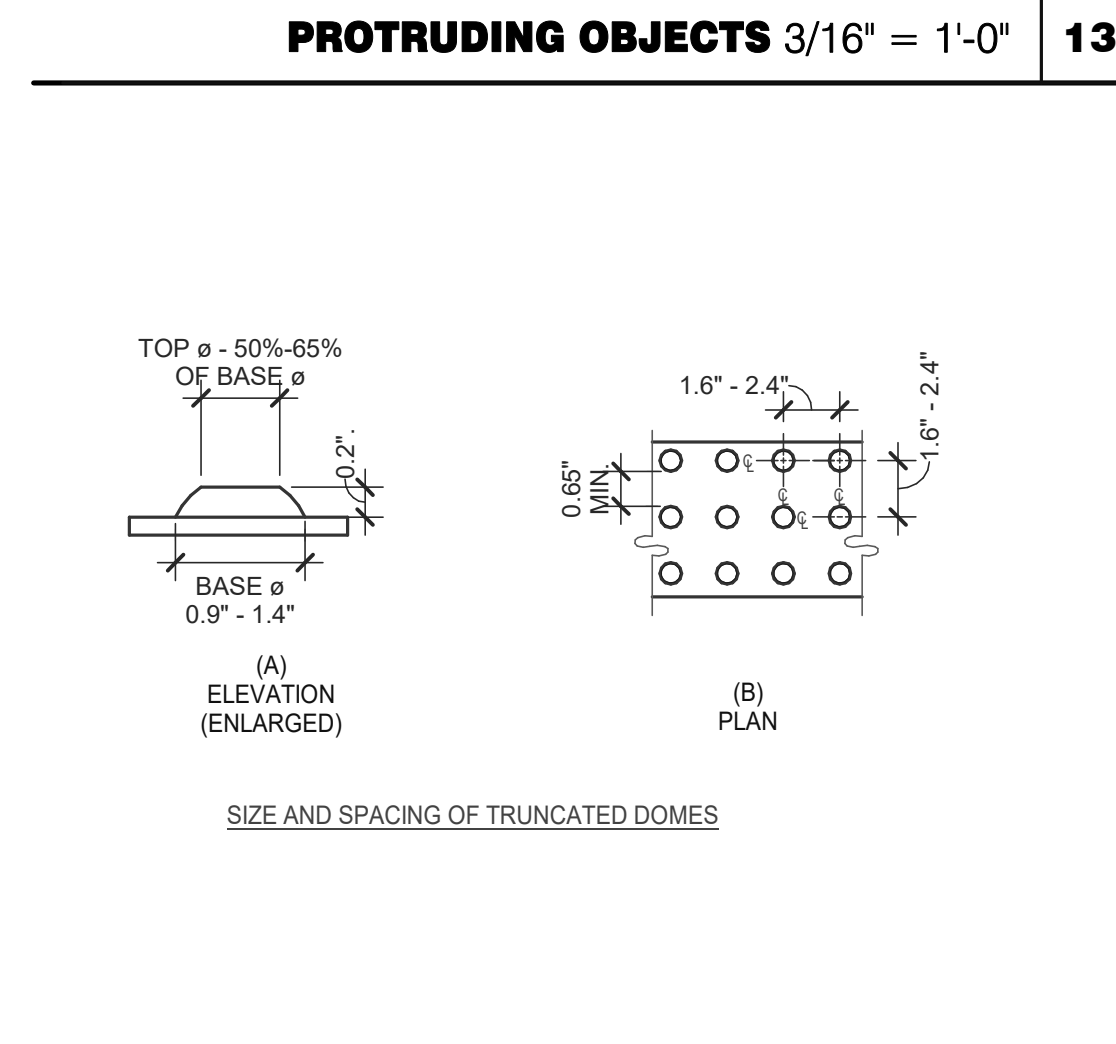


**CLEAR WIDTH 1/4" = 1'-0" 17**



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

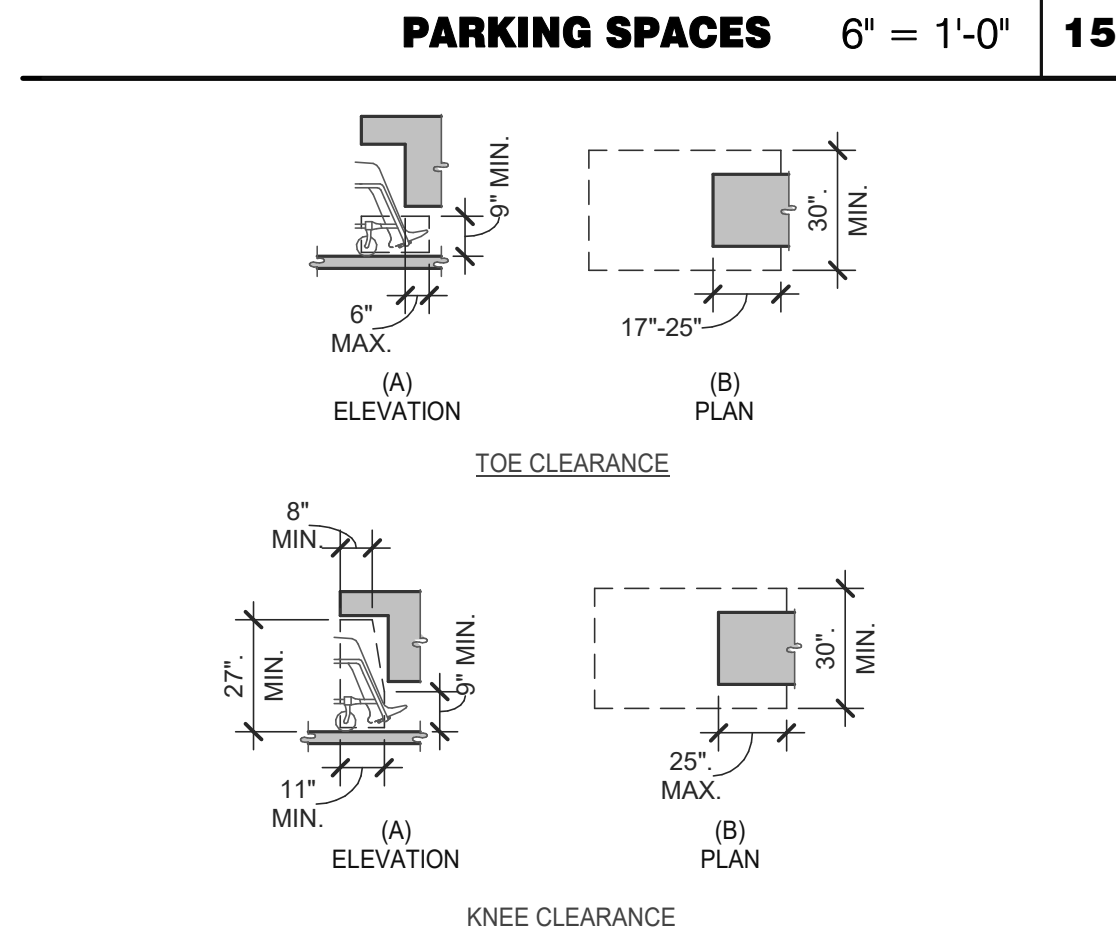
NOTES:  
 1. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS.  
 2. THRESHOLDS, IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL.  
 3. 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.  
 4. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX.  
 5. OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.  
 6. WHEN SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.  
 7. 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.  
 8. 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.  
 9. 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.  
 10. 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.  
 11. 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.



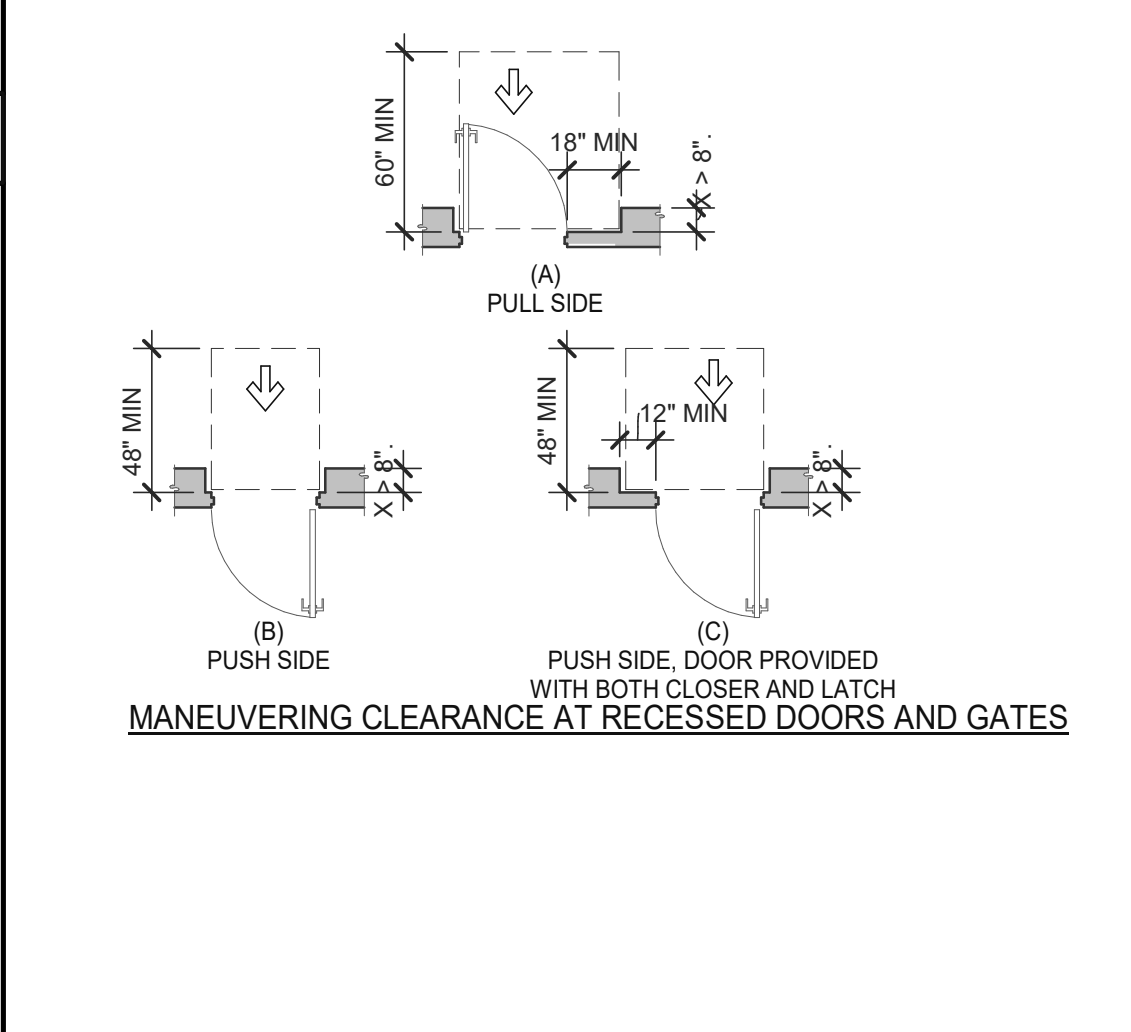
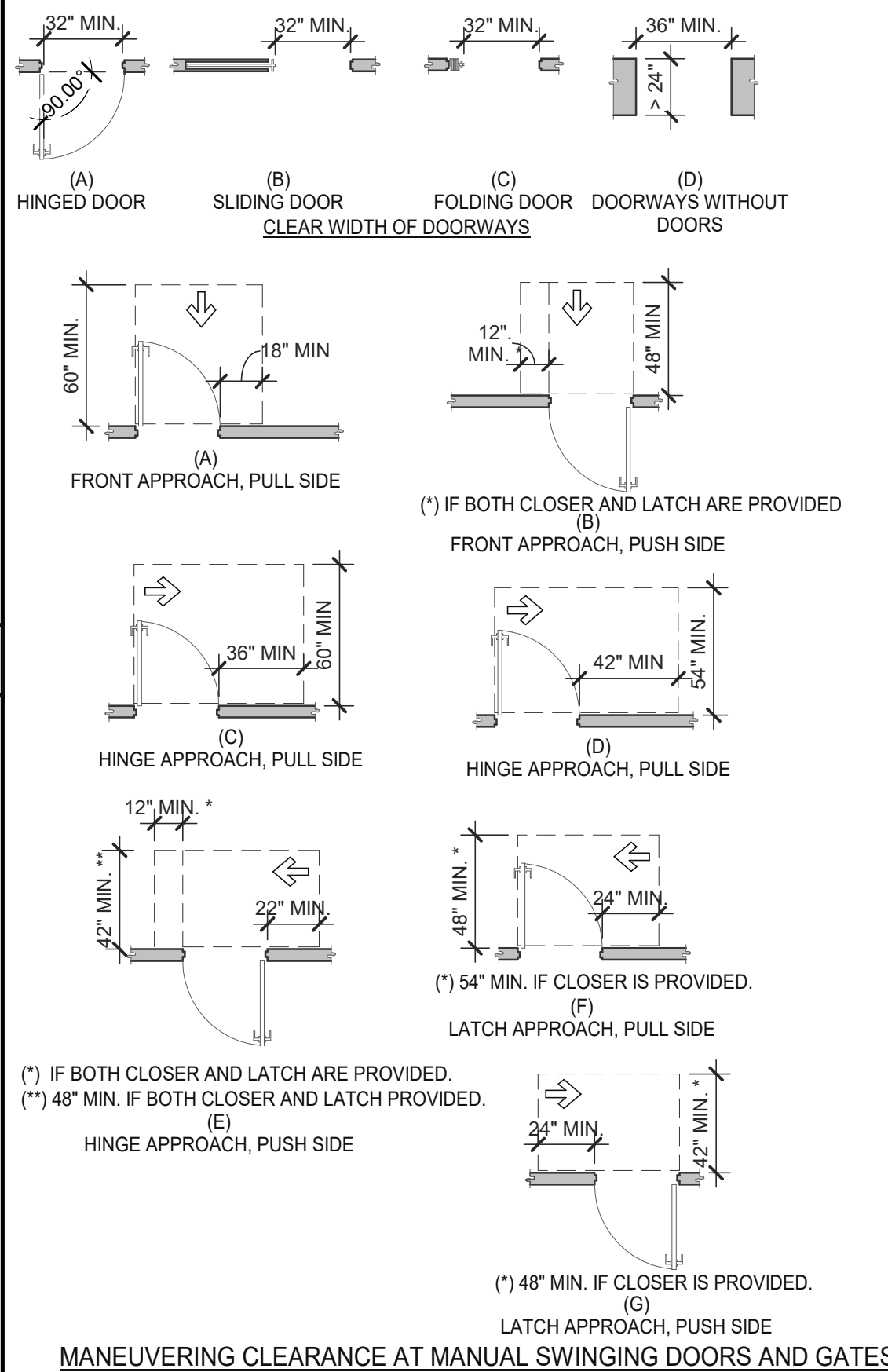
**DETECTABLE WARNINGS 3" = 1'-0" 14**

PARKING SPACES

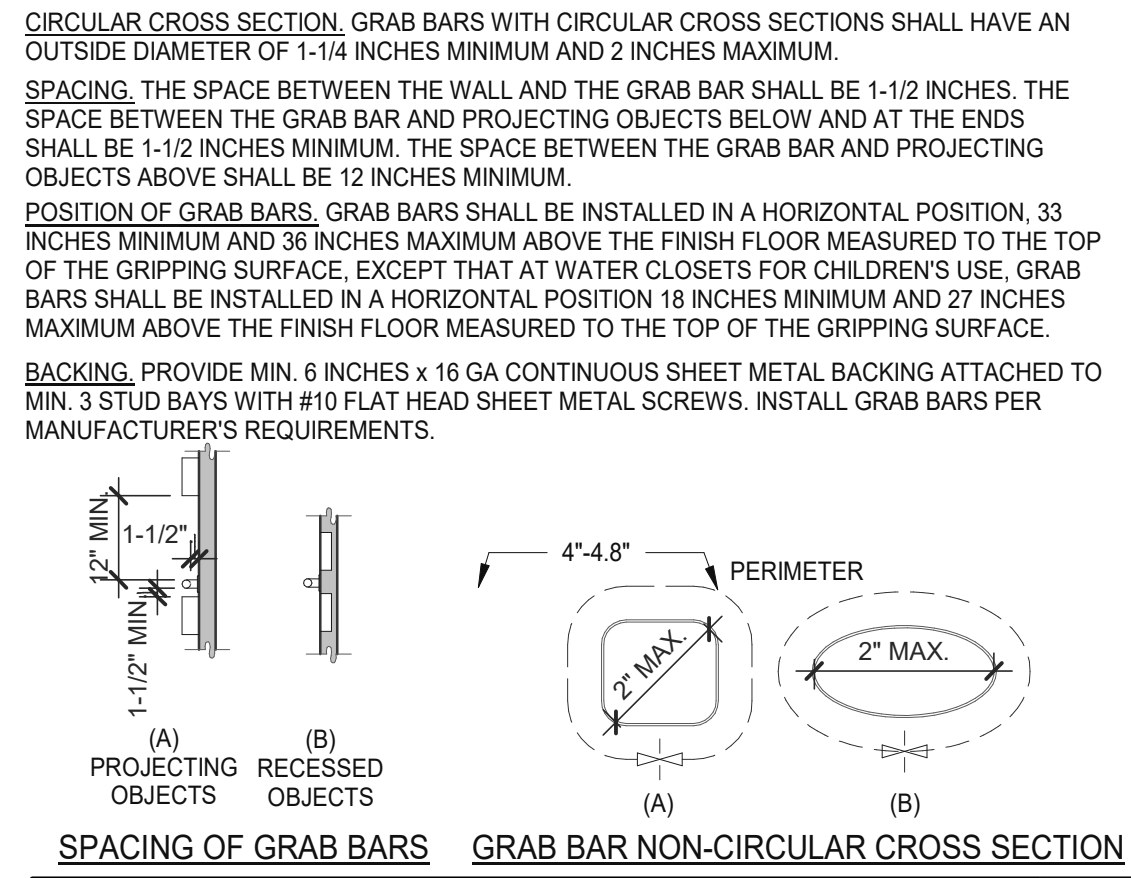
TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION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



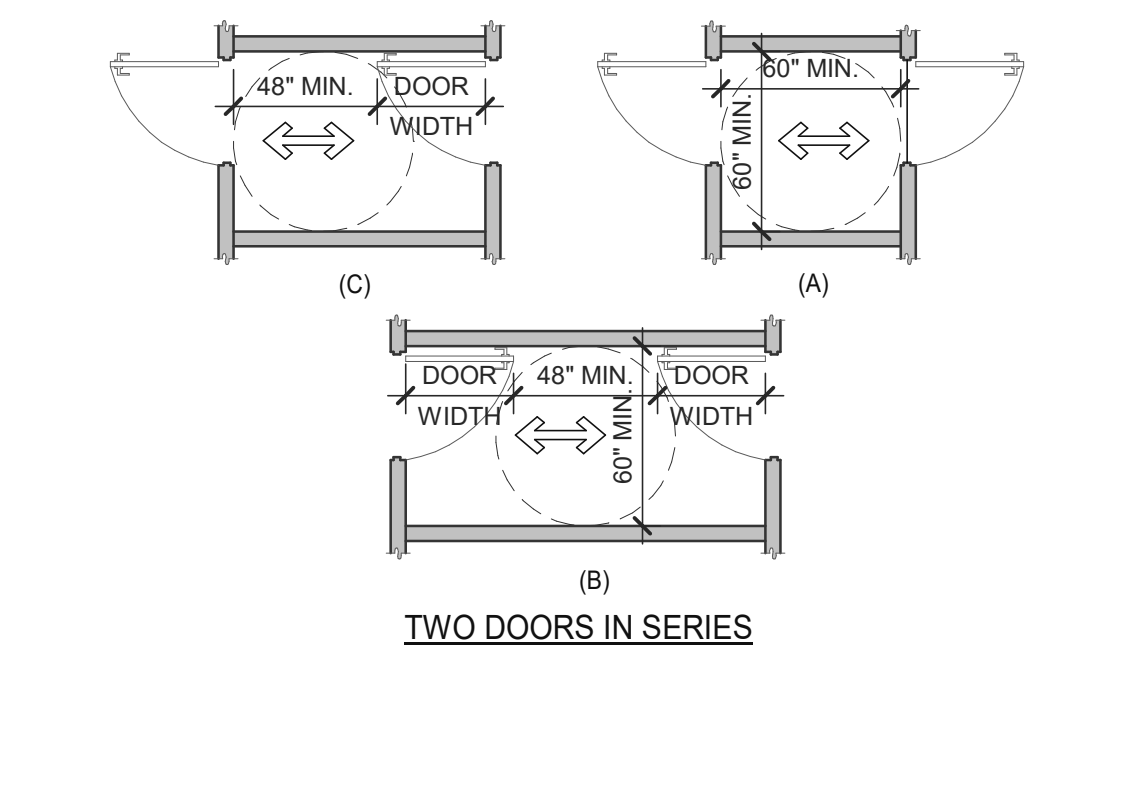
**KNEE AND TOE CLEARANCE 1/4" = 1'-0" 16**



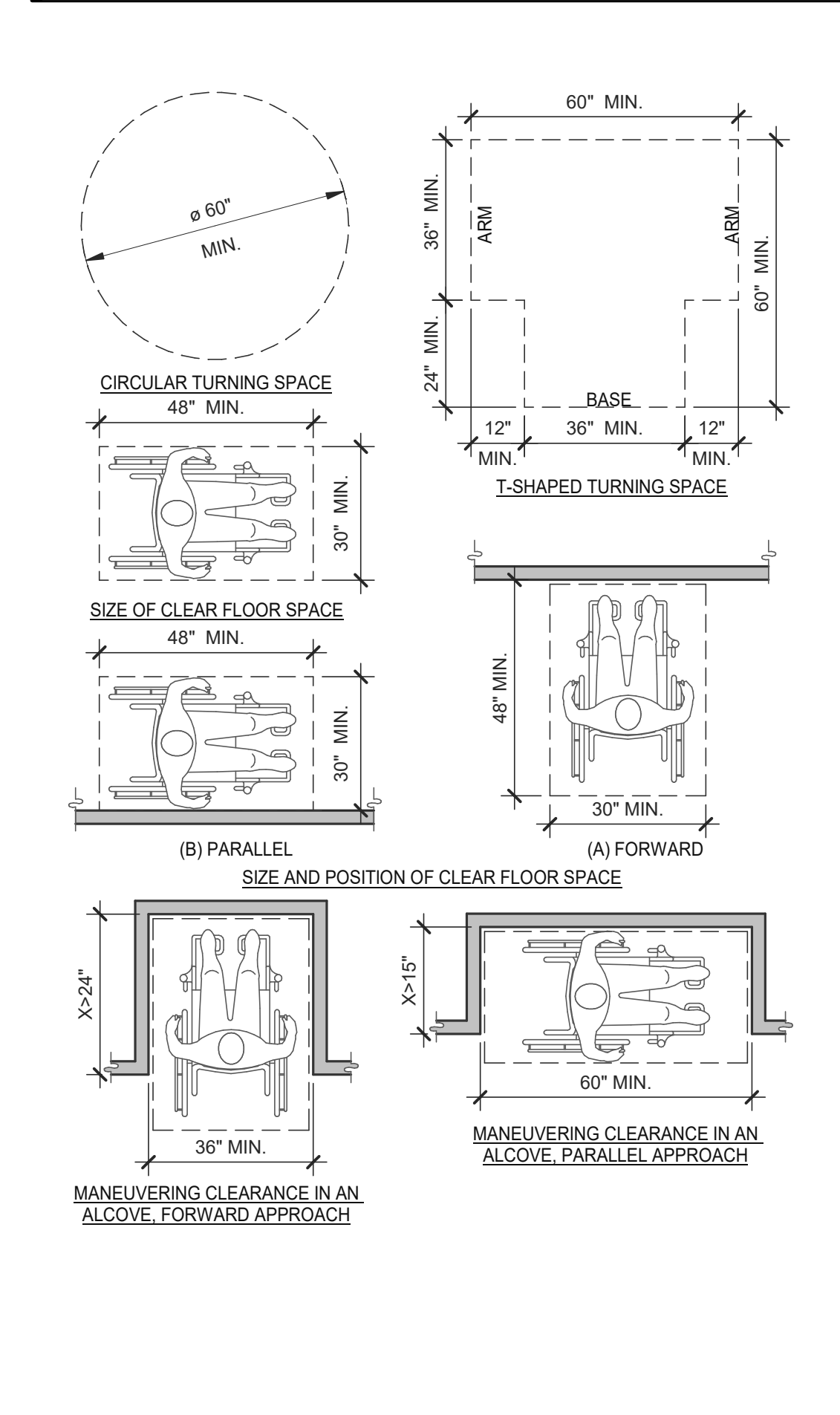
**DOORS, DOORWAYS & GATES 3/16" = 1'-0" 12**



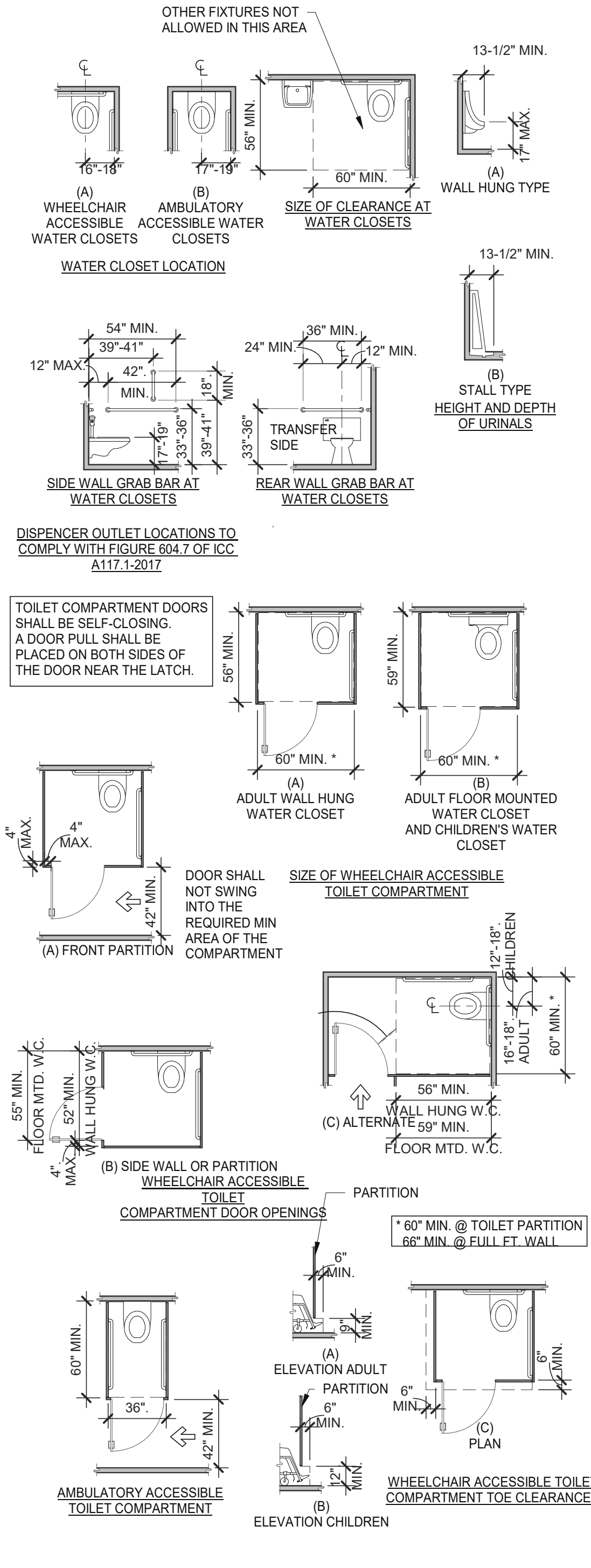
**GRAB BARS 3/16" = 1'-0" 5**



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



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



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

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**TACO BELL**  
 5201 HAMLIN GROVES TRAIL  
 WINTER GARDEN, FL 34787



**ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS**

**ADA1.1**

PLOT DATE: 9/7/2022 6:50:49 AM



GENERAL:

- 1. LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFF-SETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH KITCHEN EQUIPMENT.
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. ROOFTOP UNITS SHALL BE ORDERED WITH FACTORY SUPPLIED AND INSTALLED RETURN SMOKE DETECTORS. WHEN REQUIRED BY MANUFACTURER, SAMPLE TUBE SHALL BE LOCATED PER FIELD INSTALLATION INSTRUCTIONS. DETECTOR SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SUPPLY SMOKE DETECTOR ONLY IF REQUIRED BY LOCAL CODE. HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. PROVIDE TRANSITION AT TERMINATION OF TYPE 1 EXHAUST DUCT TO TOP OF FAN BASE. TRANSITION SHALL BE CENTERED AND HAVE MINIMUM OF 1" PER FOOT SLOPE. BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT BRANCH FEEDER. DAMPER SHALL BE MINIMUM 26 GAUGE LOCATED IN DEDICATED SLEEVE WITH AXLE AND LOCKING QUADRANT. DAMPERS SHALL NOT BE INSTALLED IN STARTER COLLARS. ALL DAMPER HANDLES SHALL HAVE A FLAG ON THE HANDLE FOR LOCATION PURPOSES. OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND VENTS. SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION. CERTIFICATE OF OCCUPANCY, BUILDING FINAL, ETC. FINAL HVAC SYSTEM TESTING AND BALANCING, AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT. 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 ANNUCIATOR/RESET SWITCH. INSTALL "SYSTEM SENSOR" MODEL RTS2AOS. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER SPECIFICATIONS.
18. REFERENCE RTU TO TBCCB CONNECTIONS PER E6.1.
19. RTU MANUFACTURER FURNISHED THERMOSTATS SHALL BE CAPABLE OF RECIEVING AN EXTERNAL "OCCUPIED" SIGNAL.
20. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
21. REFERENCE RTU TO TBANS CONNECTIONS PER E7.1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
22. LOW VOLTAGE CONNECTIONS TO SMOKE DETECTORS, REMOTE ANNUCIATORS AND RESETS, HUMIDISTATS, THERMOSTATS, REMOTE SENSORS, TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0 CERTIFICATE.

MECHANICAL NOTES 6

Table with columns SYMBO & ABBREV. and DESCRIPTION. Lists various HVAC symbols and abbreviations such as SA/SUP, RA/RET, EA/EXH, CD/SR, RR/RG, ER/EG, FLEX, ROUND DUCT ELBOW, ROUND DUCTWORK, MCD, T-STAT, (TS), (H), (SD), D, DIA, (0000) X-X, and (R).

MECHANICAL SYMBOLS 7

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

Table with columns FAN DATA, COOLING CAPACITY, HEATING CAPACITY, ELECTRICAL DATA, WEIGHT, MODEL, and NOTES. Includes rows for RTU-1 DINING, RTU-2 KITCHEN, and RTU-2.

- SCHEDULE NOTES: 1. LISTED CAPACITY IS THE UNITS NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 - 79.1°F DB / 69.9°F WB EAT AND 95°F AMBIENT / RTU-2 - 79.5°F DB / 68.9°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 PERFORM ECONOMIZER (FACTORY PROVIDED).
6. STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED).
7. UNIT MOUNTED DISCONNECT SWITCH (FACTORY PROVIDED).
8. SUPPLY AIR SMOKE DETECTOR (FACTORY PROVIDED).
9. PHASE MONITOR (FACTORY PROVIDED).
10. CONSTANT AIR VOLUME (FACTORY PROVIDED).
11. 14" ROOF CURB (FIELD INSTALLED).
12. COMFORT SENSE 7500 THERMOSTAT (FIELD INSTALLED).
13. GFCI (FIELD WIRED, FACTORY INSTALLED).
14. PROVIDE HOT GAS REHEAT. HUMIDITY SENSOR TO BE MOUNTED IN THE RETURN AIR AT THE UNIT.

HVAC UNIT SCHEDULE 1

Table with columns Mark, FAN DATA, DRIVE TYPE, MANUFACTURER, MODEL, and NOTES. Includes rows for EF-1 and EF-2. Remarks list UL 762 LISTED (GREASE) and UL 705 LISTED (HEAT OR STEAM) units.

EXHAUST FAN SCHEDULE 2

Table with columns MARK, NECK SIZE, FACE SIZE OR GRID SIZE, (NO.) & AIR PATTERN, TYPE, MAX FLOW (CFM), MOUNTING, MATERIAL, MANUFACTURER, MODEL NUMBER, and REMARKS. Lists various exhaust fan models and their specifications.

- 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

Table with columns ITEM, OA, RA, SA, EA, and PRESSURE. Lists air device specifications for EF-1, EF-2, RTU-1, RTU-2, and TOTAL.

- 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

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.

AIR BALANCE SCHEDULE 4

Table with columns DATE and REMARKS. Empty table.

Table with contract information: CONTRACT DATE: 01.25.22, BUILDING TYPE: END, MED20, PLAN VERSION: MARCH 2021, BRAND DESIGNER: DICKSON, SITE NUMBER: 314877, STORE NUMBER: 455564, PA/PM: JW, DRAWN BY.: AD, JOB NO.: 2021088.17

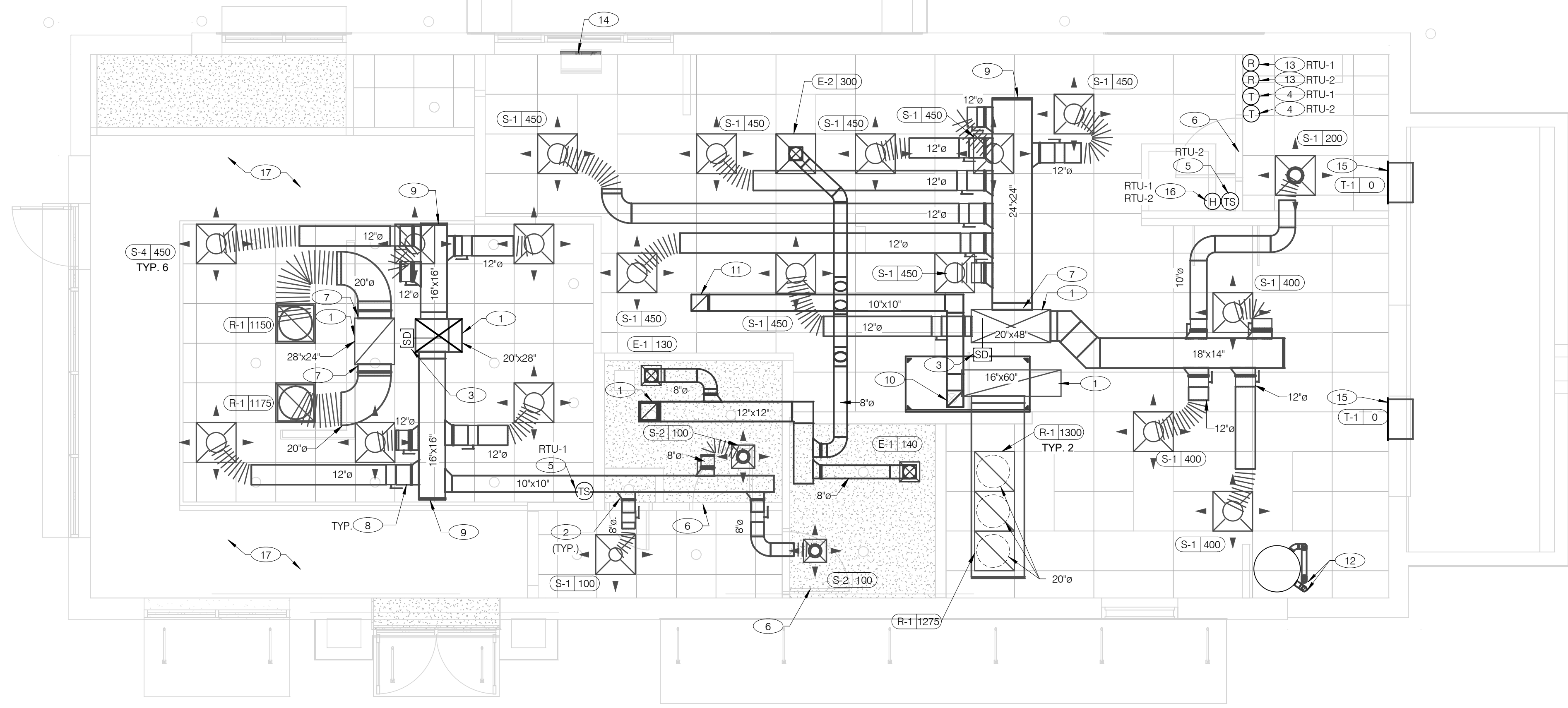
TACO BELL

5201 Hamlin Groves Trail Winter Garden, FL 34787

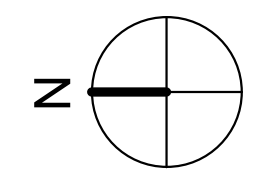


ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES

M1.0



**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.**



DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END. MED20  
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**DUCT AND DIFFUSER PLAN** 1/4" = 1'-0" **A**

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

- AIR DUCT UP TO UNIT.
- SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.
- FACTORY INSTALLED SMOKE DETECTOR MOUNTED IN ROOFTOP UNIT.
- LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. RUN 24 VAC POWER AND SIGNAL CONDUCTORS IN TWO (2) SEPARATE TWO (2) CONDUCTOR CABLES, 18 AWG.
- MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR. CONNECT TO THERMOSTAT WITH 18 AWG 2 CONDUCTOR CABLE PER MANUFACTURER INSTALLATION INSTRUCTIONS. ENSURE THAT TEMPERATURE SENSOR IN DINING AREA IS NOT LOCATED ON TILE WALL.
- UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR.
- PROVIDE SHOE TAP AT CONNECTION TO DUCT DROP FROM ROOFTOP UNIT.
- RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- 10"x10" EXHAUST AIR DUCT DOWN AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD.
- EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 11 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
- PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- PROVIDE SMOKE DETECTOR RESET SWITCH WITH KEY. RESET SWITCH SHALL BE "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER'S REQUIREMENTS.
- PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. AIR CURTAIN SHALL BE BERNER MODEL DTU03-2026A, WITH 120V/1/60 POWER CONNECTION. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- TRANSFER AIR GRILLE MOUNTED ABOVE CEILING TO ALLOW TRANSFER AIR TO PREVENT FREEZING ABOVE WALK-IN COOLER/FREEZER. COORDINATE IN FIELD WITH OTHER TRADES TO ENSURE NO OBSTRUCTIONS.
- HUMIDITY SENSOR (REMOTE). MOUNT HUMIDITY SENSORS FOR RTU-1 & RTU-2 AT EYE LEVEL IN KITCHEN. VERIFY EXACT LOCATION.
- NO DUCTWORK SHALL BE EXPOSED IN THE OPEN CEILING AREA.

**GENERAL NOTES - MECHANICAL** NTS **C**

**KEYNOTES - DUCT AND DIFFUSER** NTS **B**

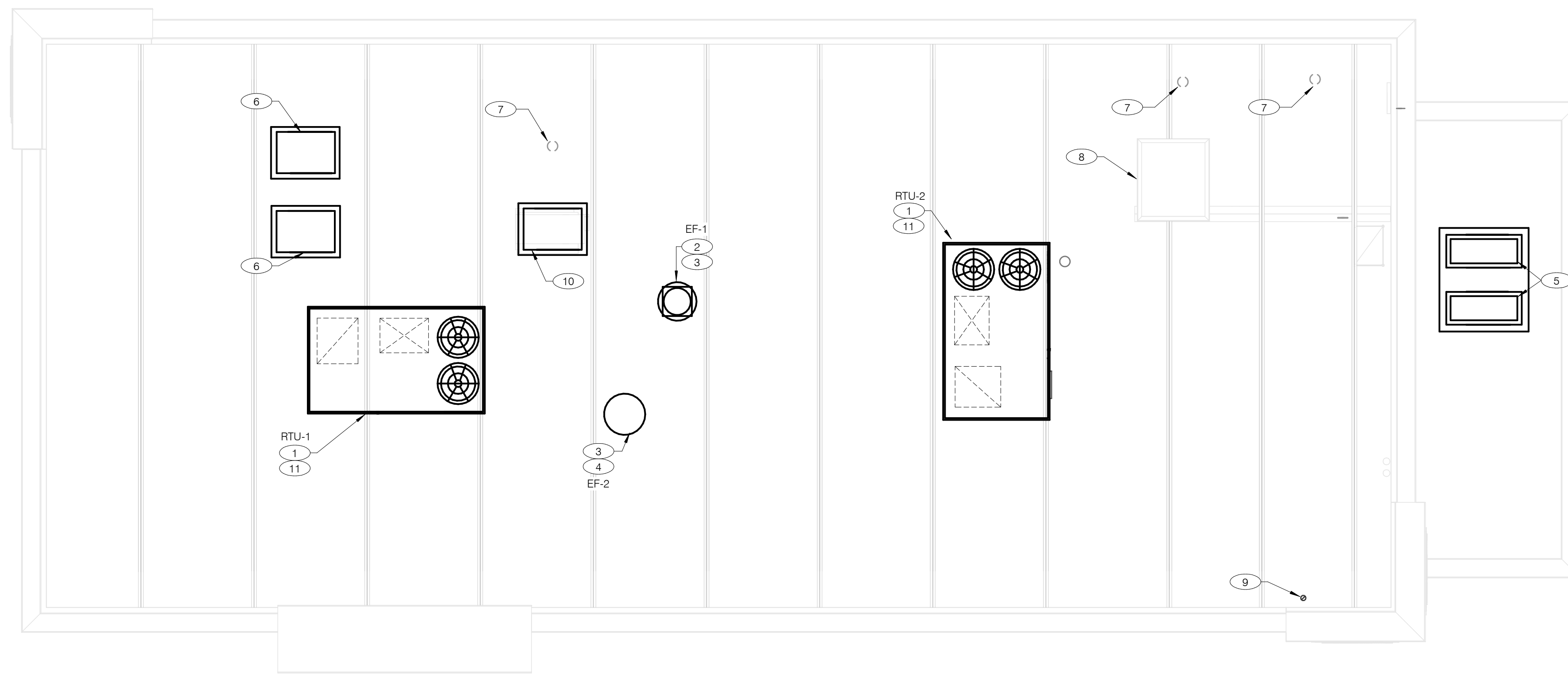
**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



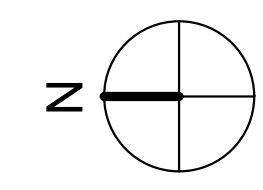
**ENDEAVOR 2.0  
 DUCT AND  
 DIFFUSER PLAN**

**M2.0**

PLOT DATE: 9/7/2022 7:35:35 AM



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

**KEYNOTES - MECHANICAL ROOF PLAN** NTS **B**

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**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 MECHANICAL  
 ROOF PLAN**

**M2.1**

PLOT DATE: 9/7/2022 7:35:36 AM

### STRATOVENT MODEL# SVDU50HFA

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

**SELECTOR OPTIONS**

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

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

**INSTALLER TO PROVIDE SUP BACKPLATE TO BE USED TO LOCK HINGE IN OPEN/CLOSED POSITION. HOODS ARE RECOMMENDED.**

REVISIONS: 10-10-2018

**HOOD EXHAUST FAN DETAIL** NTS **7**

### INSTALLATION: DUCT TEMPERATURE SWITCH

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

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

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

### INSTALLATION: DUCT TEMPERATURE SENSOR

**SENSOR DETAIL**

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

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

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

(4) SEE SPECS ABOVE FOR TEMP SET POINT ADJUSTMENT

### HEAT SENSOR ATTACHMENT

**SPECIFICATIONS:**

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

MODIFIED: 04-11-2020

**HEAT SENSOR ATTACHMENT** NTS **5**

HOOD #	1 OF 1	MODEL #	STRATOVENT SVD2
LENGTH (IN):	6'-3"	WIDTH (IN):	36"
HEIGHT (IN):	14'H		
EXHAUST CFM:	1050	SUPPLY CFM:	BY RTU-SEE M1.0
EXHAUST SP:	0.9' (HOOD+DUCT)	SUPPLY SP:	NA
EXHAUST FPM:	1512	SUPPLY FPM:	NA
EXH. SIZE:	10'X10'	SUP SIZE:	NA
FILTERS: (4)	16" X 16"	HOOD WEIGHT:	300 LBS
FIRE SUPPRESSION:	ANSUL-R102	FILTER TYPE:	STAINLESS BAFFLE
LIGHT QTY: (3)	A19/ CFL	CONTROL SWITCH:	BY OTHERS

**DESIGN NOTES:**

- STRATOVENT HOODS ARE ETL LISTED TO UL-710 STANDARDS, 3054804-001
- MODEL SVD2 IS A NON-CANOPY HOOD, "LISTED" VALUES ARE UTILIZED FOR AIRFLOW, OVERHANGS AND TEMPERATURE RATINGS.
- 18/20 GAUGE MINIMUM S/S ON EXPOSED SURFACES PER NFPA.
- HOOD IS PRE-PIPPED FOR ANSUL R102, FIELD HOOKUP BY OTHERS
- INSTALLER TO REVIEW ELECTRICAL SHEETS FOR HOOD AND FAN WIRING.
- STRATOVENT DOES NOT PROVIDE A CONTROL BOX IN THE "BASE" PACKAGE.

### TACO BELL HOOD DETAIL

**PLAN VIEW:** 25" TALL DUCT ENCLOSURE PANELS, FRONT, LEFT & RIGHT SIDES (PROVIDED WITH HOOD, GC INSTALLED). TOP EDGE OF HOOD. LOWER, LEADING EDGE OF HOOD, 71" ABOVE FINISHED FLOOR. END PANELS, PROVIDED BY STRATOVENT, SEE SIDE VIEW DETAIL FIELD INSTALLED BY GC. 106"H X 95"L, BACKSPASH, COVERING REAR WALL AND 18" BEYOND THE HOOD. ADJUST SIZE TO SUIT SITE CONDITIONS. MINIMUM 20 GA. STAINLESS STEEL PROVIDED BY HOOD VENDOR.

**FRONT VIEW:** 6'-3" width, 1'-6" depth. 8'-10" HIGH, DROP CEILING (TYPICAL). HOOD PROVIDER MUST BE NOTIFIED IF CEILING HEIGHT VARIES TO ADJUST TRIM HEIGHT. VERIFY WITH ARCHITECTURAL SHEETS.

**HOOD DETAIL 2:** 30"L x 3"H, FACTORY ATTACHED MOUNTING CHANNEL FOR CUSTOMER SUPPLIED TIMERS. DUAL 115V/1PH OUTLET FACE MOUNTED ABOVE CHANNEL WITH J-BOX ON TOP OF HOOD.

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

UL/LC-710 Standard (NSF-ANSI Standard 2) NFPA  
ETL-LISTED FILE #3054804-001 / TESTED TO UL-710

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

**TACO BELL HOOD DETAIL** NTS **2**

### TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN

PROJECT: TACO BELL

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

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

**NOTES**

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

**LEGEND - WALL MOUNTED ANSUL SYSTEM**

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

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

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

### HOOD NOTES AND SPECS (TYP.)

THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVD2. MANUFACTURED BY: STRATOVENT VENTILATION HOODS RALEIGH, NC 27616 CONTACT: JEFF JOHNSON, 251-490-6114

NSF LISTED NAPA INTERNATIONAL

**HOOD NOTES AND SPECS (TYP.)** NTS **4**

### STRATOVENT HOOD

ENCLOSURE WRAPPERS, HOOD LIGHTS, HEAT SENSOR, HOOD SUPPLIER DESIGN FOR UP TO 9FT DROP CEILING, DUAL OUTLET FOR TIMER, REQUIRES DEDICATED BREAKER, 36" width, 61" TYP. height, 71" TYP. height, 26" depth.

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

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

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

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

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

### LOW-PROFILE HOOD HOOD #1

STRATOVENT HOODS BUILT IN COMPLIANCE WITH NFPA #96 NSF STANDARD #2 UL STANDARD 710 ETL FILE NO. 3054804-001

**NON-CANOPY HOOD DESIGN BASED ON:**  
MANUFACTURER: STRATOVENT, MODEL SVD2  
ETL LISTED UL/LC-710, ULC-S646: # 3054804-001  
MIN. "LISTED" AIRFLOW: 150 CFM PER LINEAR DESIGN AIRFLOW: 168 CFM PER LINEAR FT  
MAX. DIST. ABOVE COOK SURFACE: 47"  
MAX. COOK SURFACE FRONT UNDERHANG: -3"  
MIN. SIDE COOK SURFACE OVERHANG: 0"  
MAX. APPLIANCE COOKING TEMPERATURE: 450 F

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

**HOOD DETAIL 1:** 27"H, 3-SIDED DUCT ENCLOSURE PANELS, SHIPPED LOOSE BY HOOD SUPPLIER. DESIGN FOR UP TO 9FT DROP CEILING. FIELD CUT OPENING BY INSTALLER, TRANSITION PER PLANS. IF SELECTED, A HOOD MOUNTED HEAT SENSOR WILL BE FACTORY INSTALLED IN ROOF OF HOOD FOR AUTOMATIC ACTIVATION. 16"H, UL-LISTED, S/S BAFFLE FILTERS. 3" INTEGRAL REAR STAND-OFF, FACTORY INSULATED. HOOD ASSEMBLY IS LISTED FOR ZERO CLEARANCE TO COMBUSTIBLE IN THE REAR. COMPLIANCE WITH ALL LOCAL CODES VERIFIED BY ARCHITECT. GREASE CUP. 26" X 26" END PANELS, SHIPPED LOOSE AND GC INSTALLED. PROVIDED BY HOOD VENDOR. 20 GA. MIN S/S WALL PANEL COVERING REAR WALL. EXTENDING 18" BEYOND THE HOOD. PROVIDED BY STRATOVENT. FULL END PANEL ON END OF HOOD CLOSEST TO THE RETHERMALIZER. PROVIDED BY HOOD VENDOR.

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

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

3'-0" depth, 5'-11" height, 5'-11" height, 3'-0" depth.

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

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

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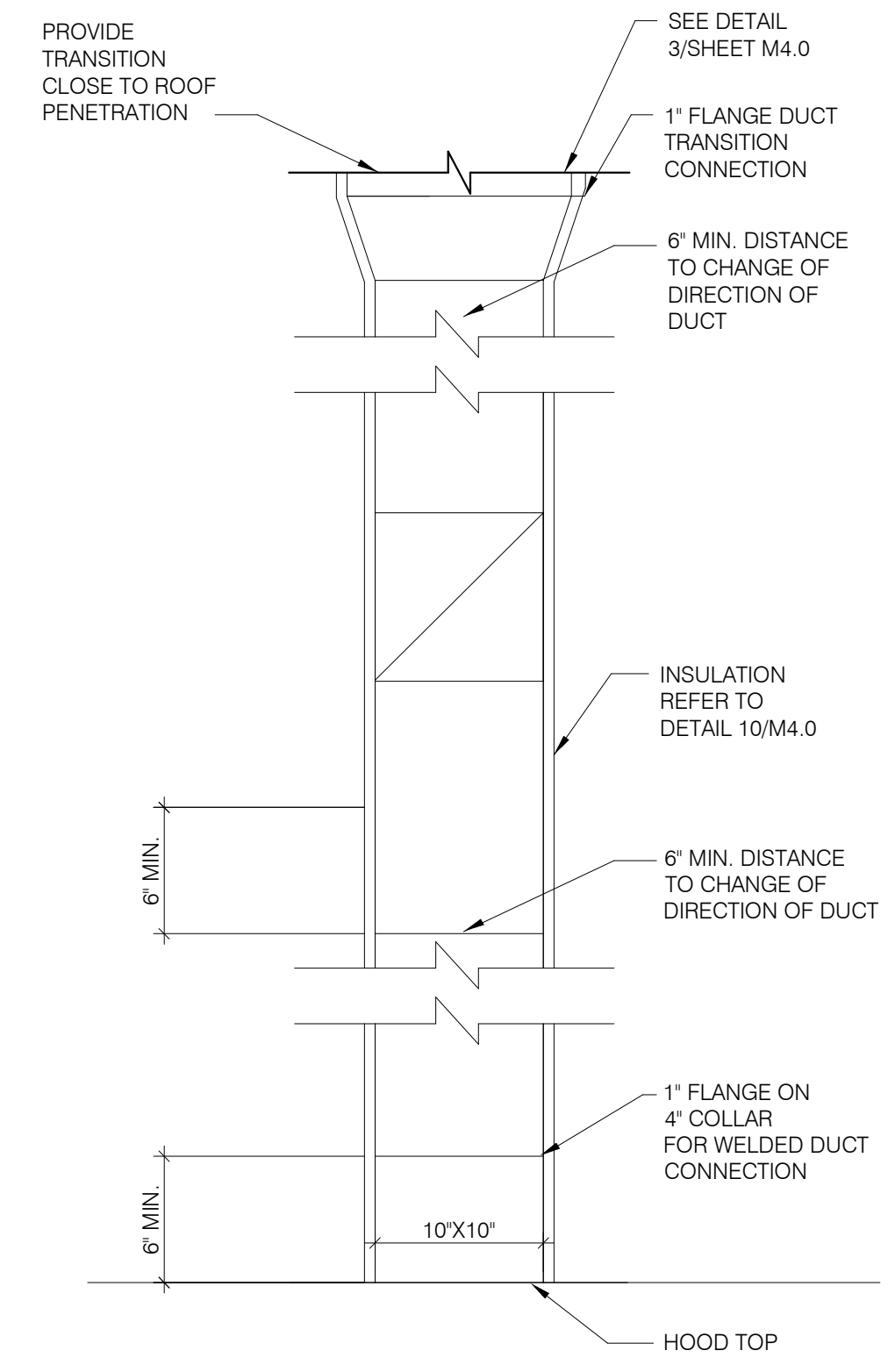
**TACO BELL**  
5201 Hamlin Groves Trail  
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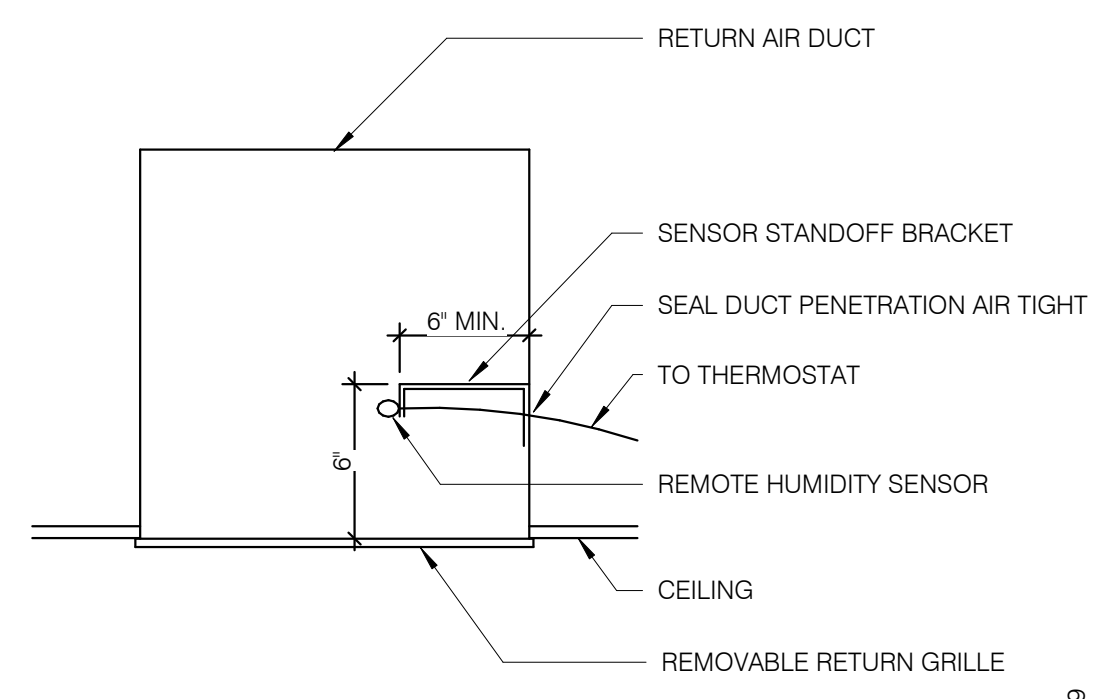
**ENDEAVOR 1.0 HOOD DETAILS AND SECTIONS**

**M3.0**

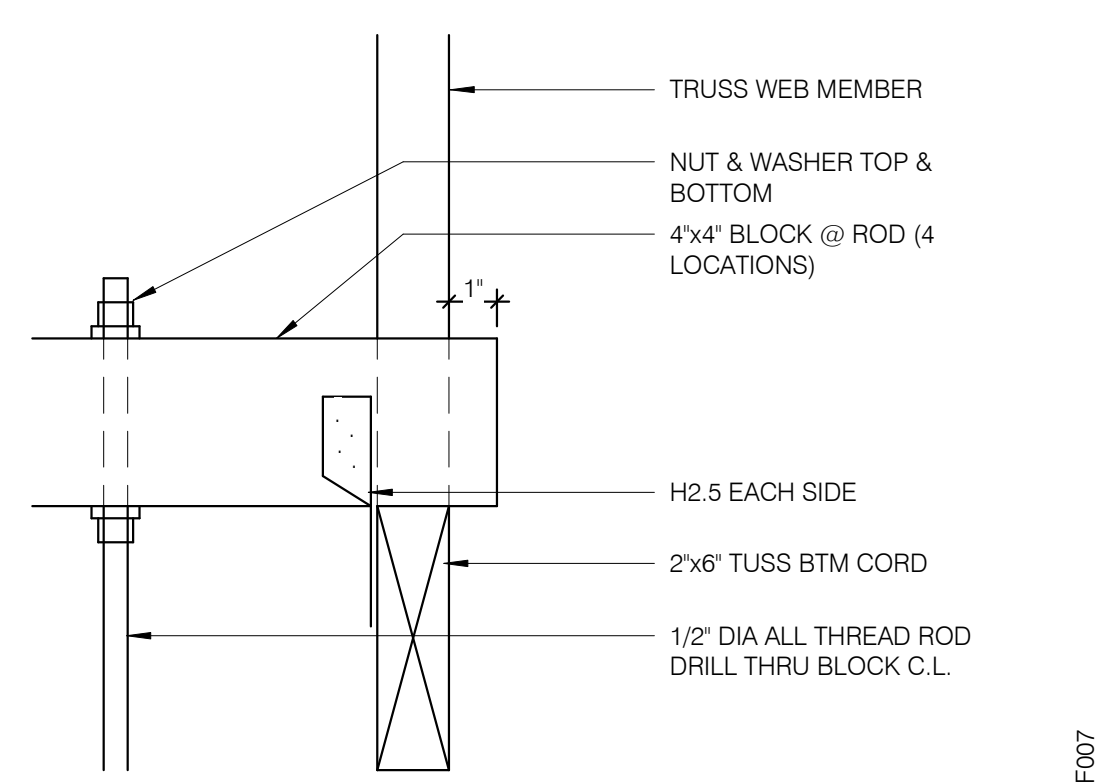




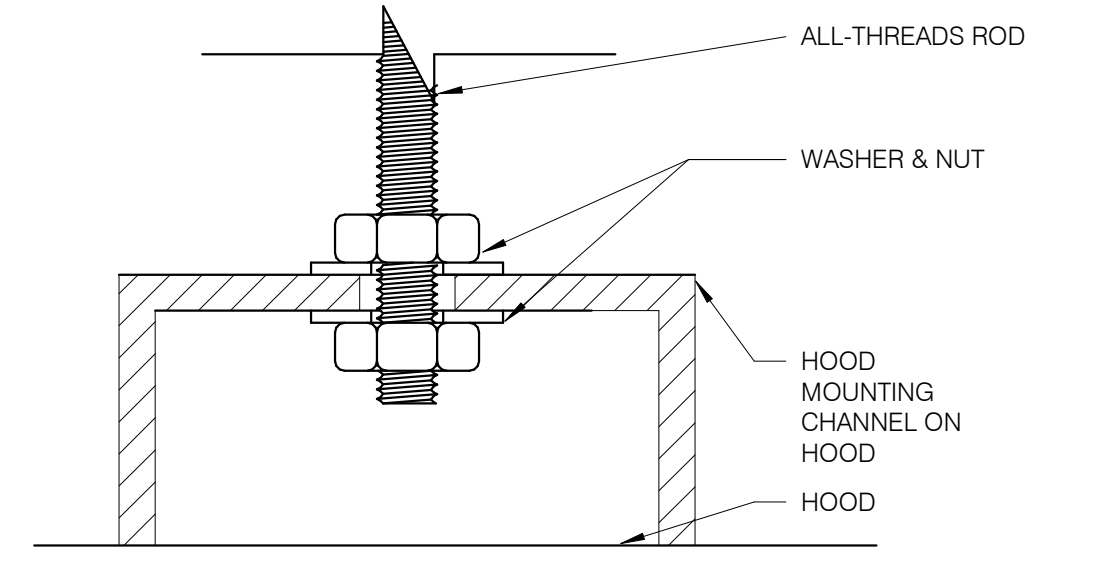
**TB HOOD DUCT TRANSITION** NTS **11**



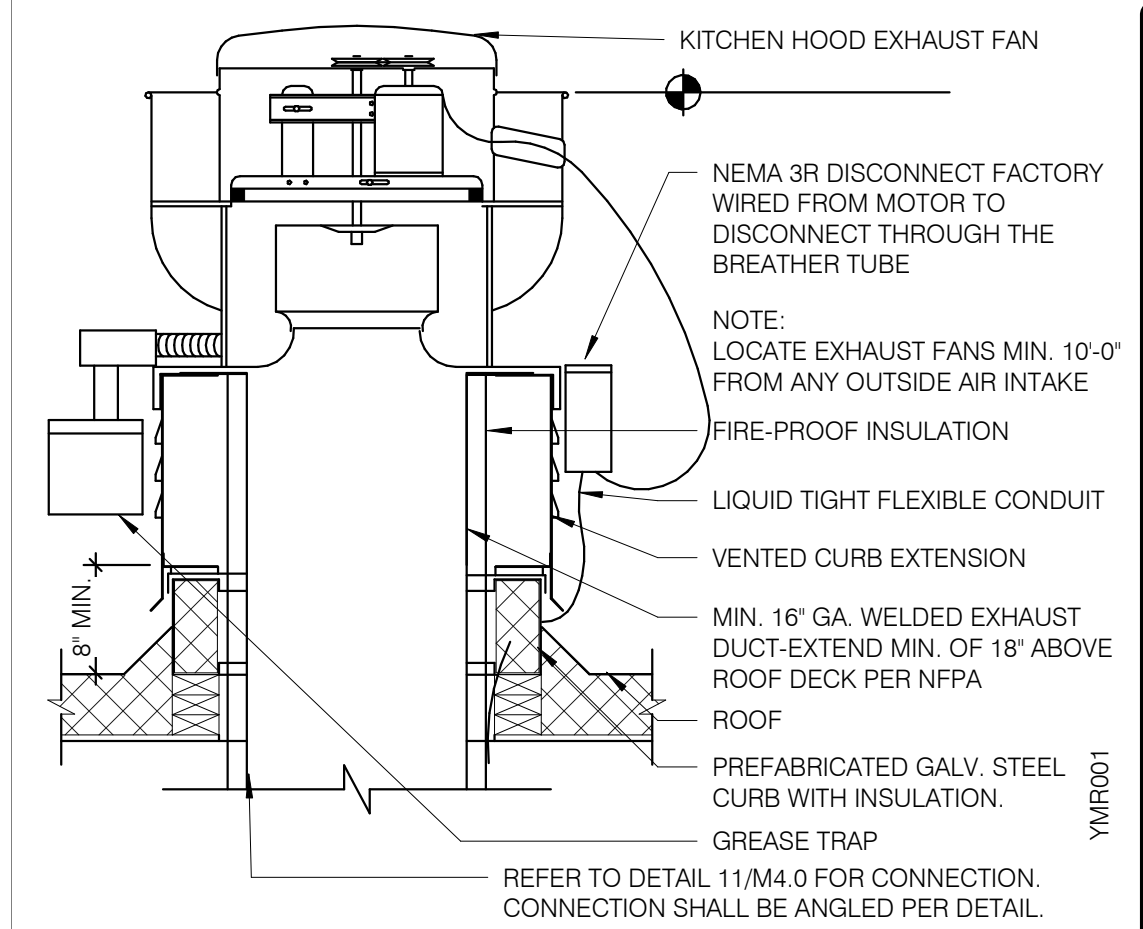
**REMOTE HUMIDITY SENSOR** NTS **8**



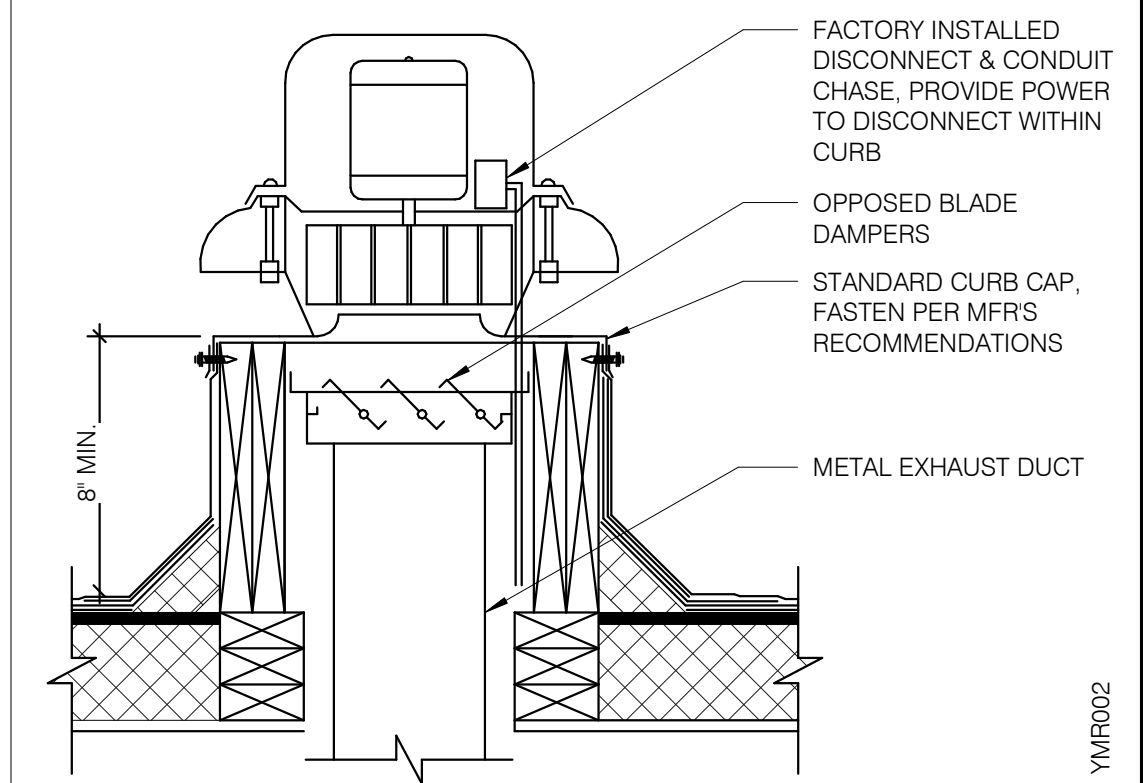
**ROD ATTACHMENT** NTS **7**



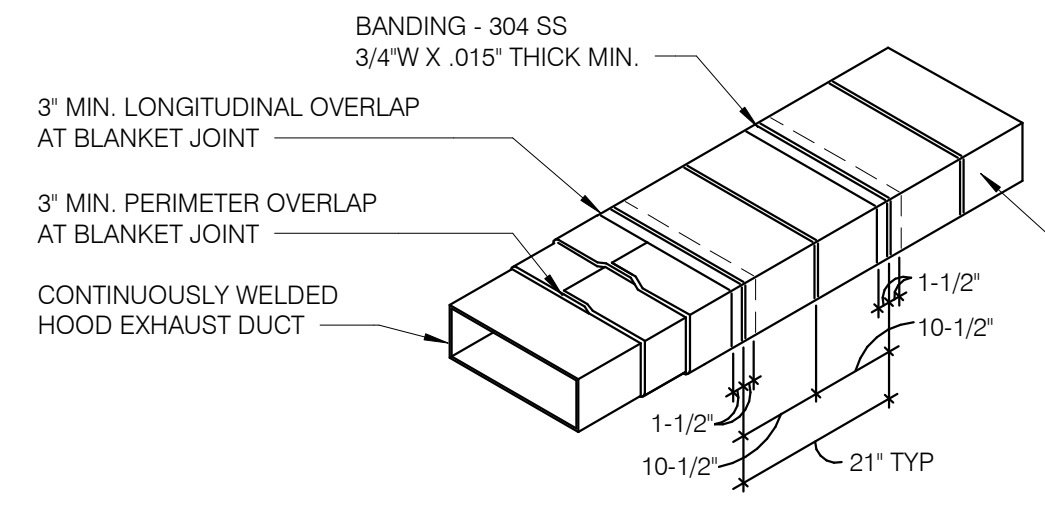
**BOLT CONNECTION TO HOOD** NTS **5**



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

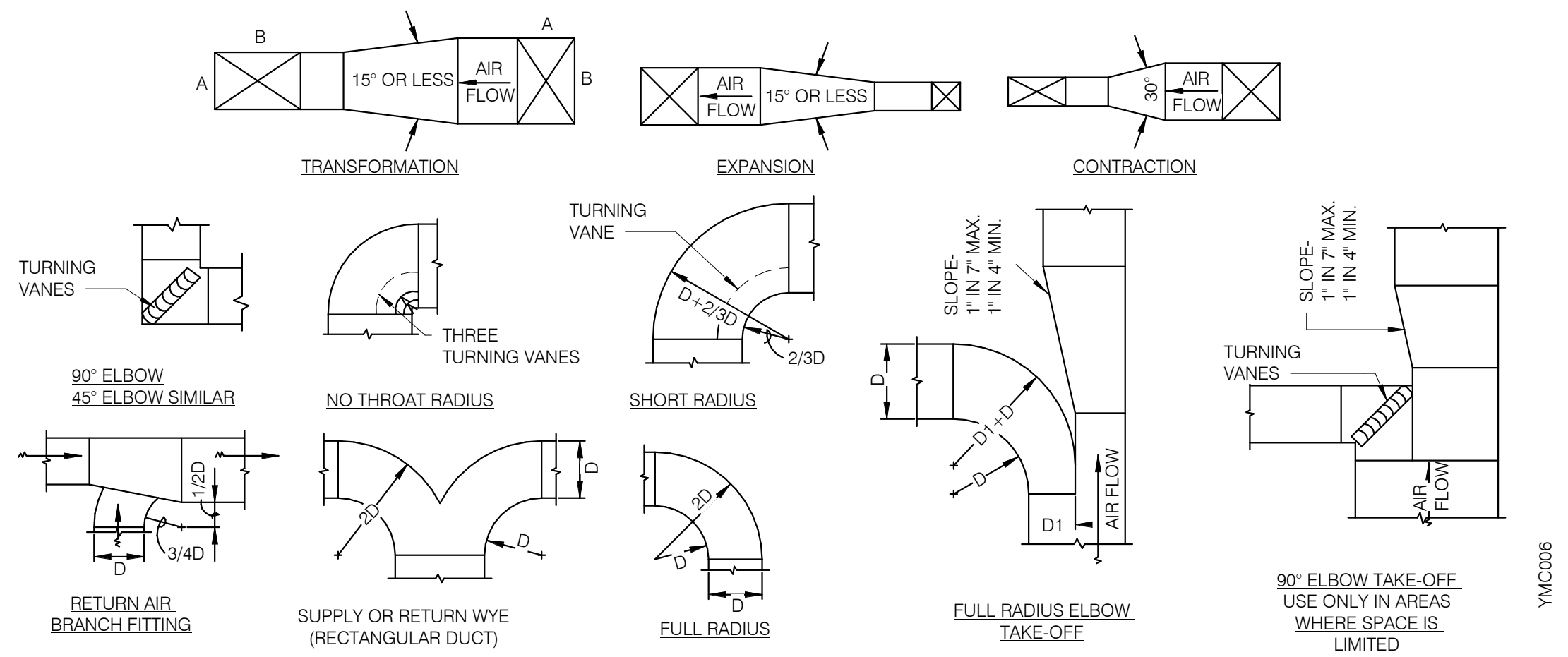


**RESTROOM FAN (EF-2)** NTS **2**

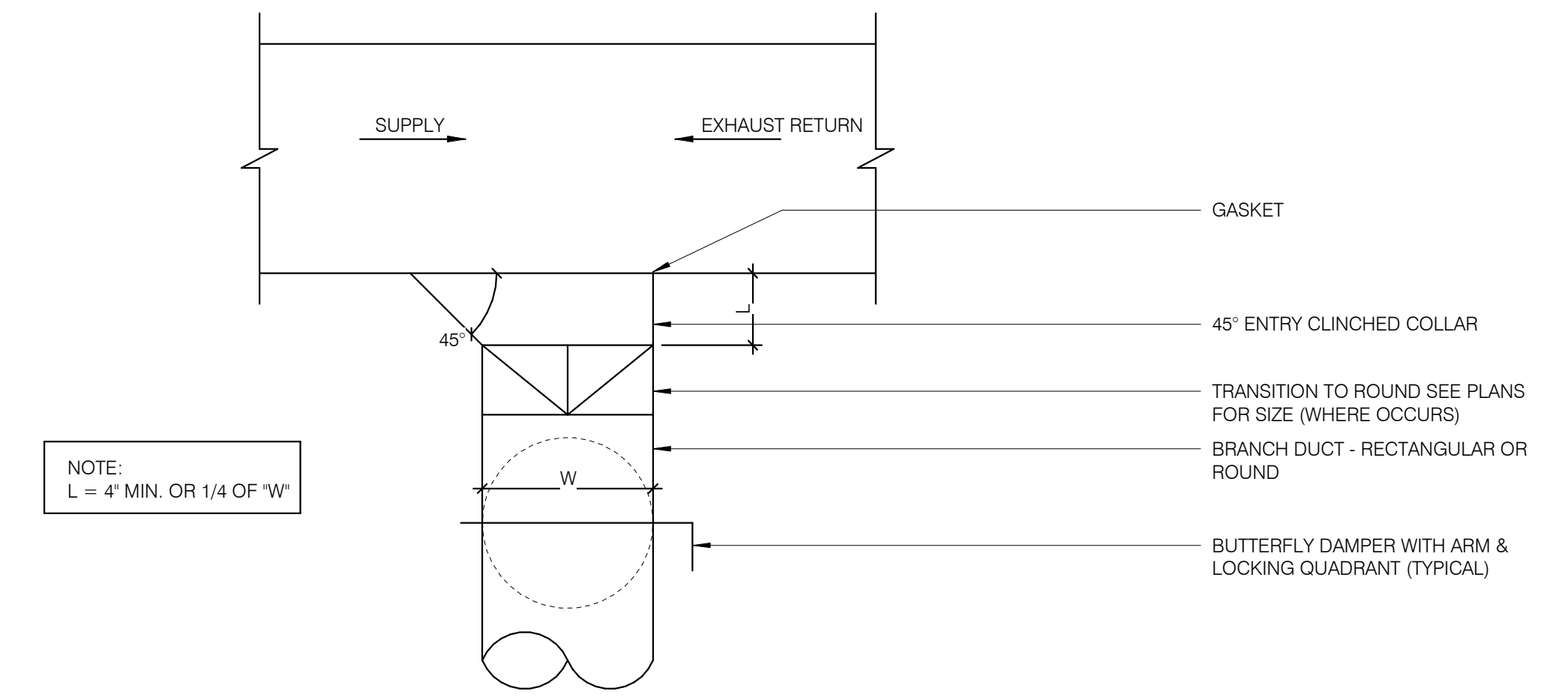


- NOTES:**
1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18" MIN. BELOW ROOF DECK.
  2. FOR HORIZONTAL RUNS OF EXHAUST DUCTS PROVIDE TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2" HANGER RODS A MAXIMUM OF 6' FROM INSULATION EDGE. TRAPEZE SUPPORTS SHALL BE SPACED A MAXIMUM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

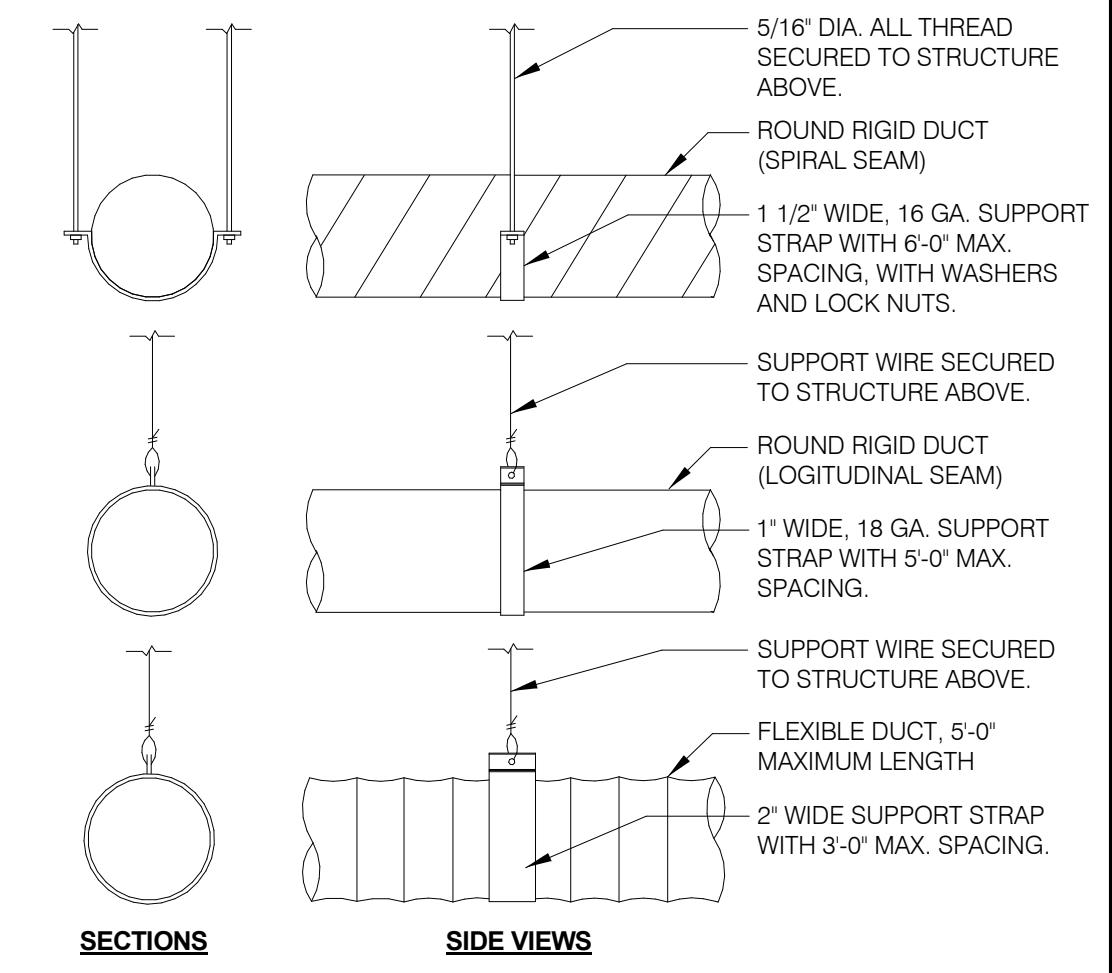
**KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL** NTS **10**



**TYPICAL DUCTWORK DETAILS** NTS **9**



**CEILING DIFFUSER CONNECTIONS** NTS **4**



**DUCT SUPPORT DETAIL** NTS **1**

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5201 Hamlin Groves Trail  
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**ENDEAVOR 2.0 MECHANICAL DETAILS**

**M4.0**

26227 Enterprise Ct.  
Lake Forest, CA 92650  
949-770-2222



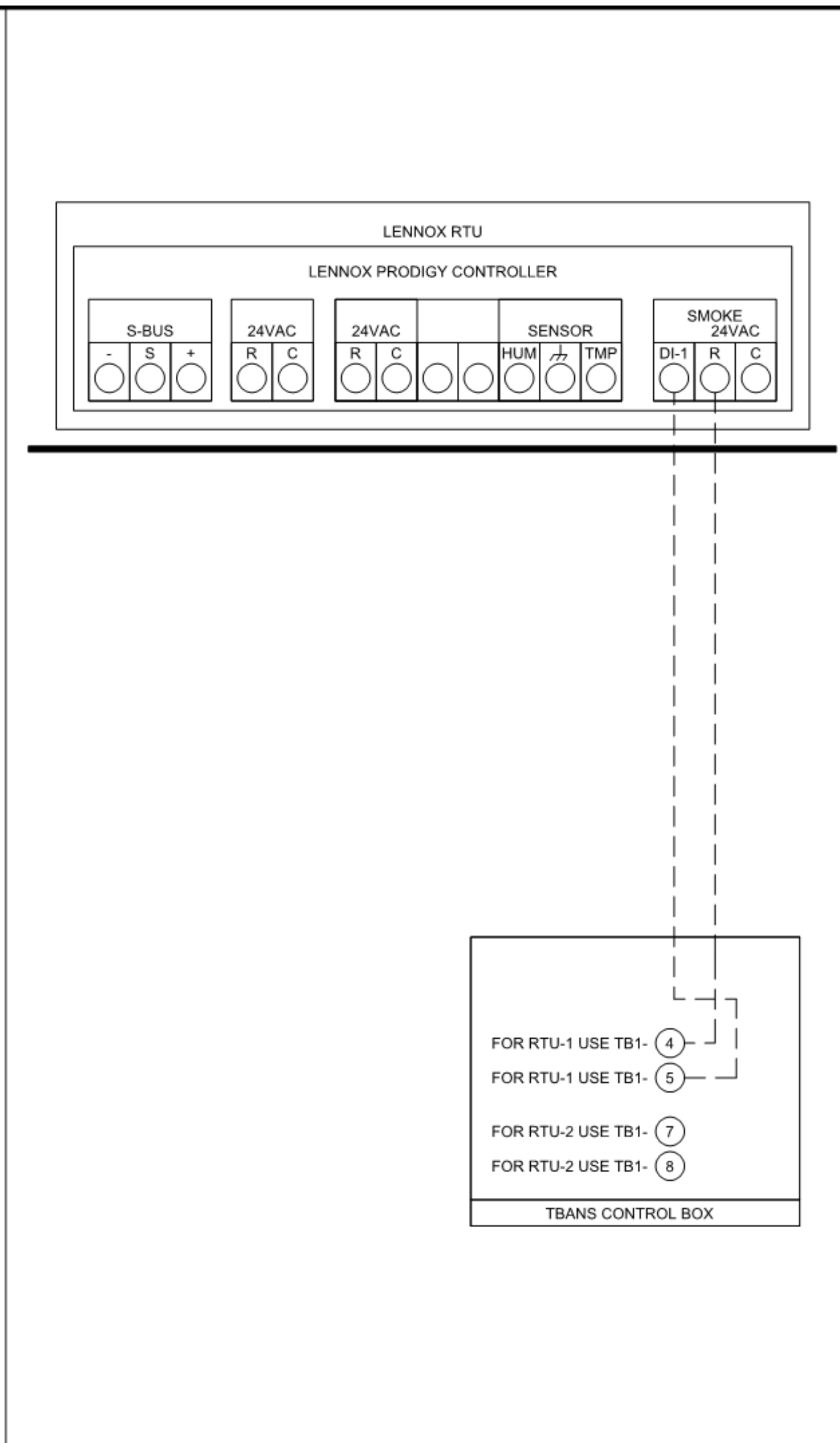
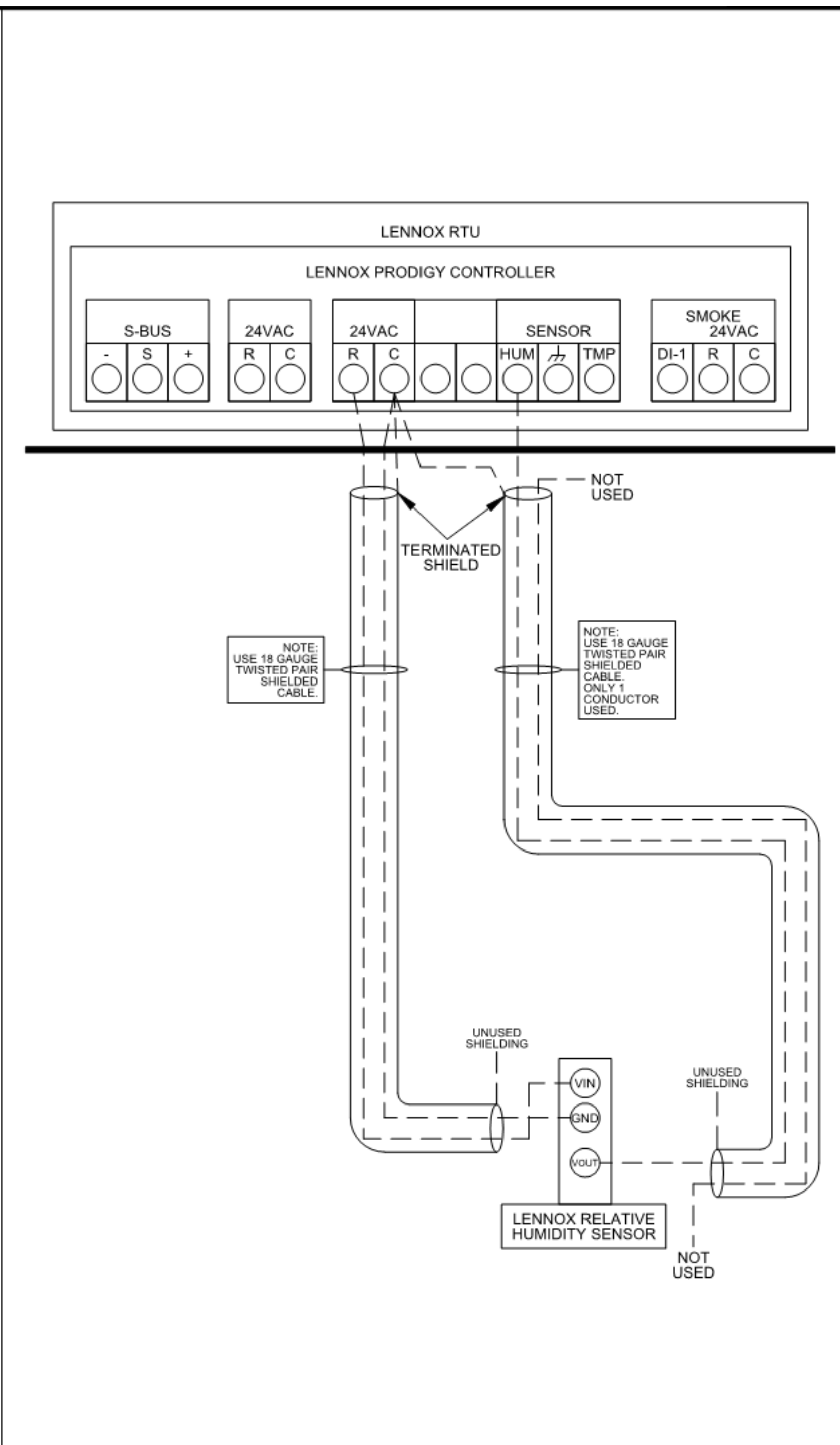
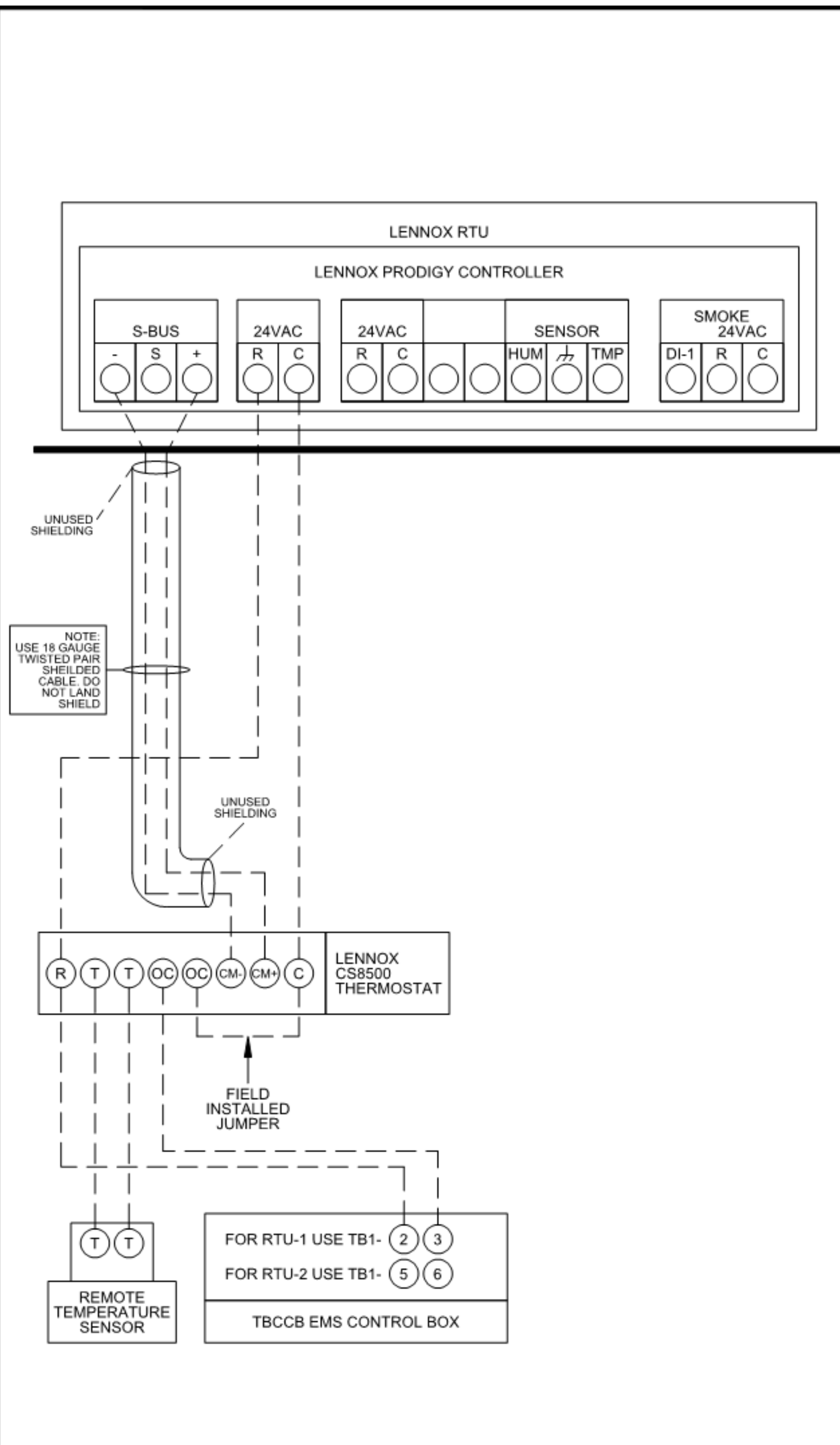
**LENNOX RTU  
LOW VOLTAGE  
FIELD CONNECTIONS  
DETAIL**

**LENNOX LOW VOLTAGE CONNECTIONS**

Model#

Rev	Date	Change

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



**1** LENNOX PRODIGY TO THERMOSTAT AND TO TBCCB CONNECTION NTS

**2** LENNOX PRODIGY TO OPTIONAL HUMIDITY SENSOR CONNECTION NTS

**3** LENNOX PRODIGY TO TBANS CONNECTION NTS

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END. MED40  
 PLAN VERSION: MARCH 2020  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY.: AD  
 JOB NO.: 2021088.17

**TACO BELL**

5201 Hamlin Groves Trail  
Winter Garden, FL 34787



**ENDEAVOR 1.0  
CONTROLS  
DETAILS**

**M5.0**



GPD GROUP, INC.  
LIC. # - 30920

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

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

**GENERAL NOTES - PLUMBING** NTS **4**

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

**PLUMBING LEGEND** NTS **3**

FIXTURE	NO.	DRAIN		COLD WATER		HOT WATER	
		D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAL H.W.
WATER CLOSET	2	4	8	5	10	--	--
URINAL	0	5	--	5	--	--	--
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3.0	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	--	--
EMERGENCY FLOOR DRAIN	4	0	0	--	--	--	--
FLOOR DRAIN	3	2	6	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	4	3	12	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REHEMATLIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	39	--	35.25	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS: COLD WATER: 35.25 FU = 25.4 GPM; DRAIN: GW 21 DFU; SAN 18 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  
PROBABLE WASTEWATER FLOW DEMAND (GPM) = (39 DFU) / (2 DFU/1 GPM) = **19.5 GPM**

**GREASE INTERCEPTOR SIZING CALCULATION**  
(14.5 GPM) x (30 MIN RETENTION TIME) = 435 GALLONS

NOTES:  
1. PROPOSED GREASE INTERCEPTOR SIZE = 1,000 GALLONS.  
2. CALCULATION DERIVED FROM SECTION 1003.3.7 IN THE 2020 FLORIDA PLUMBING CODE.  
3. 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	
	ECC 1	EXTERIOR CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400	
	FS 1	FLOOR SINK	4"	2"	--	--	6	--	PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPF54-PVC ZURN / MODEL: FD-2370-PV4-DS-F	
	FS 2	FLOOR SINK	3"	2"	--	--	6	--	CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32	
	FD 1	FLOOR DRAIN	3"	2"	--	--	2	--	PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL: 1103	
	HD 1	HUB DRAIN	3"	2"	--	--	2	--	CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019	
	ECC 1	FLOOR CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400	
	WCC 1	WALL CLEANOUT	--	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP	
	HB 1	HOSE BIBB	--	--	3/4"	--	--	2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300	
	WC 1	WATER CLOSET	4"	2"	1/2"	--	4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888	
	L 1	LAVATORY	1-1/4"	1-1/2"	1/2"	--	1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
	S 1	HAND SINK	1-1/2"	1-1/2"	1/2"	--	1/2"	2	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.	--
	S 2	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.	--
	S 3	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	3	3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	--
	S 4	PREP SINK	INDIRECT	--	1/2"	1/2"	--	3	3	SINK, FAUCET AND DRAIN	--
	GI 1	GREASE INTERCEPTOR	4"	--	--	--	--	--	--	PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G
	MV 1	MIXING VALVE	--	--	1/2"	1/2"	--	--	--	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
	WH 1	WATER HEATER	--	--	1-1/4"	1-1/4"	--	--	--	GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 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
	ET 1	EXPANSION TANK	--	--	3/4"	--	--	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST WILKINS SERIES WXTP
	BFP 1	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	1	1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: LF009M2OTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
	RO 1	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	--
	RP 1	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**

DATE	REMARKS

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END. MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: AD  
JOB NO.: 2021088.17

**TACO BELL**

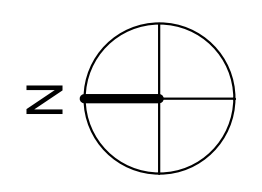
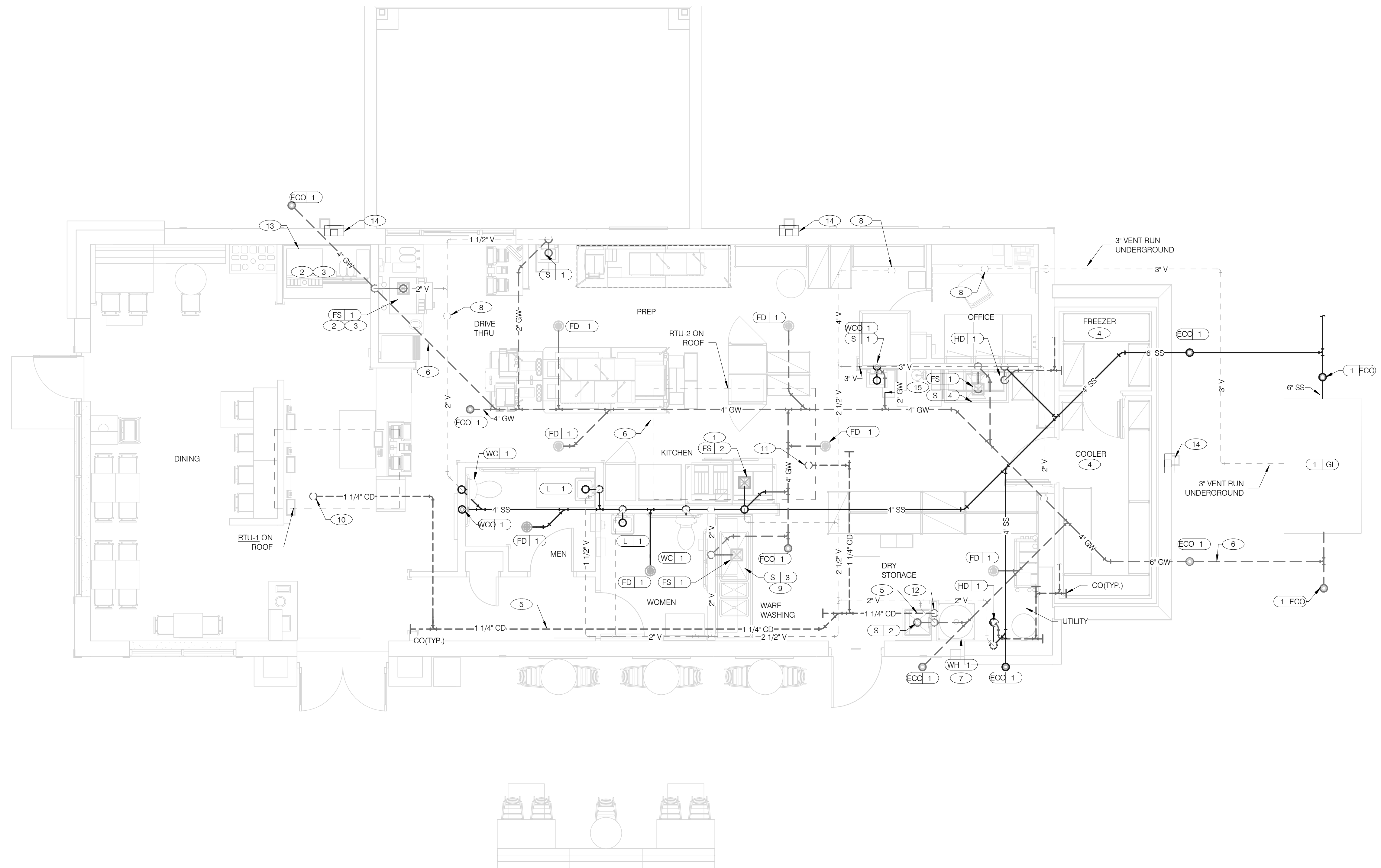
5201 Hamlin Groves Trail  
Winter Garden, FL 34787



**ENDEAVOR 2.0 PLUMBING SCHEDULES AND NOTES**

**P1.0**

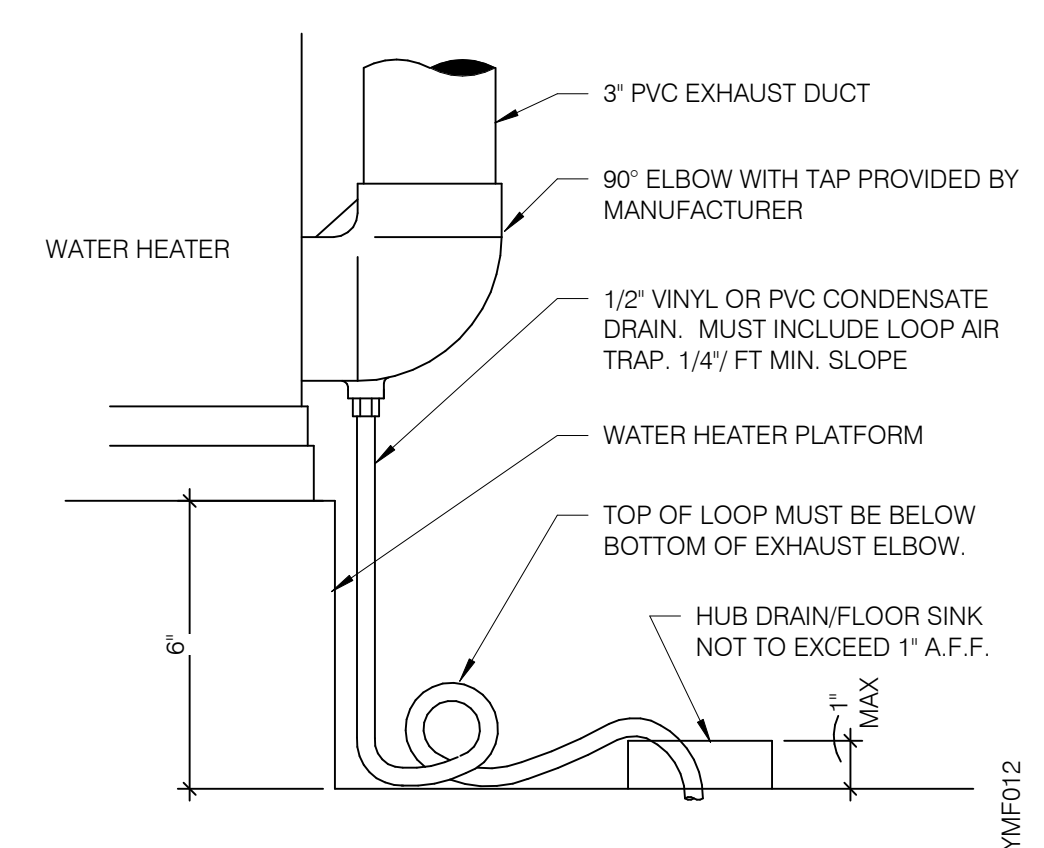
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DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: AD  
 JOB NO.: 2021088.17

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



**WATER HEATER CONDENSATE DETAIL** NTS **4**

- WASTE & VENT PLAN NOTES** NTS **3**
- 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.

- 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\"/>

- 10 1-1/4\"/>
- 11 1-1/4\"/>
- 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**

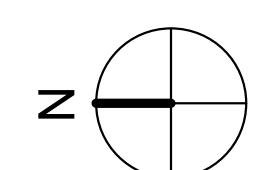
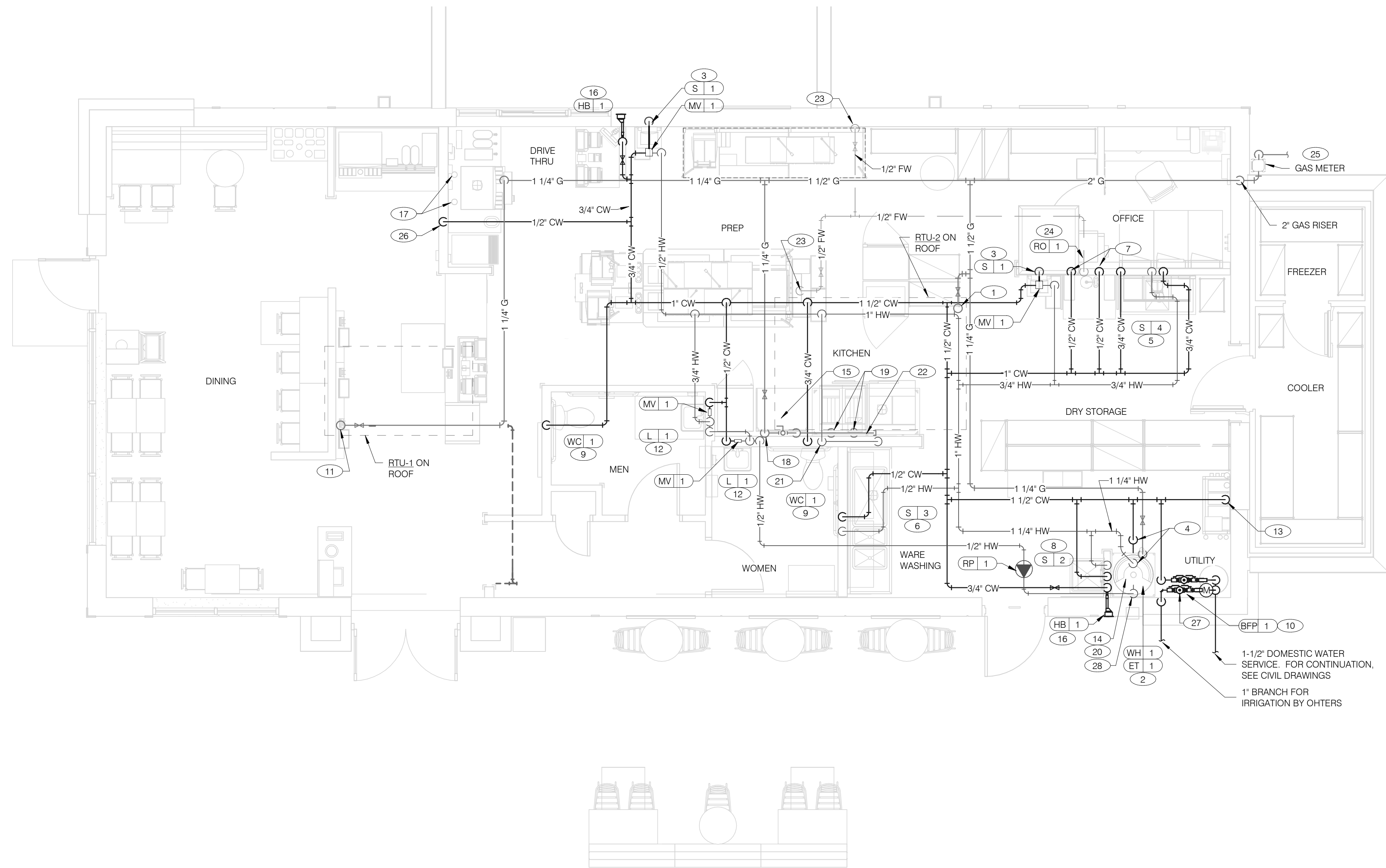
**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 WASTE AND  
 VENT PLAN**

**P2.0**

PLOT DATE: 9/7/2022 7:35:40 AM



DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: AD  
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**TACO BELL**

5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 WATER AND  
 GAS PLAN**

**P3.0**

PLOT DATE: 9/7/2022 7:35:42 AM

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

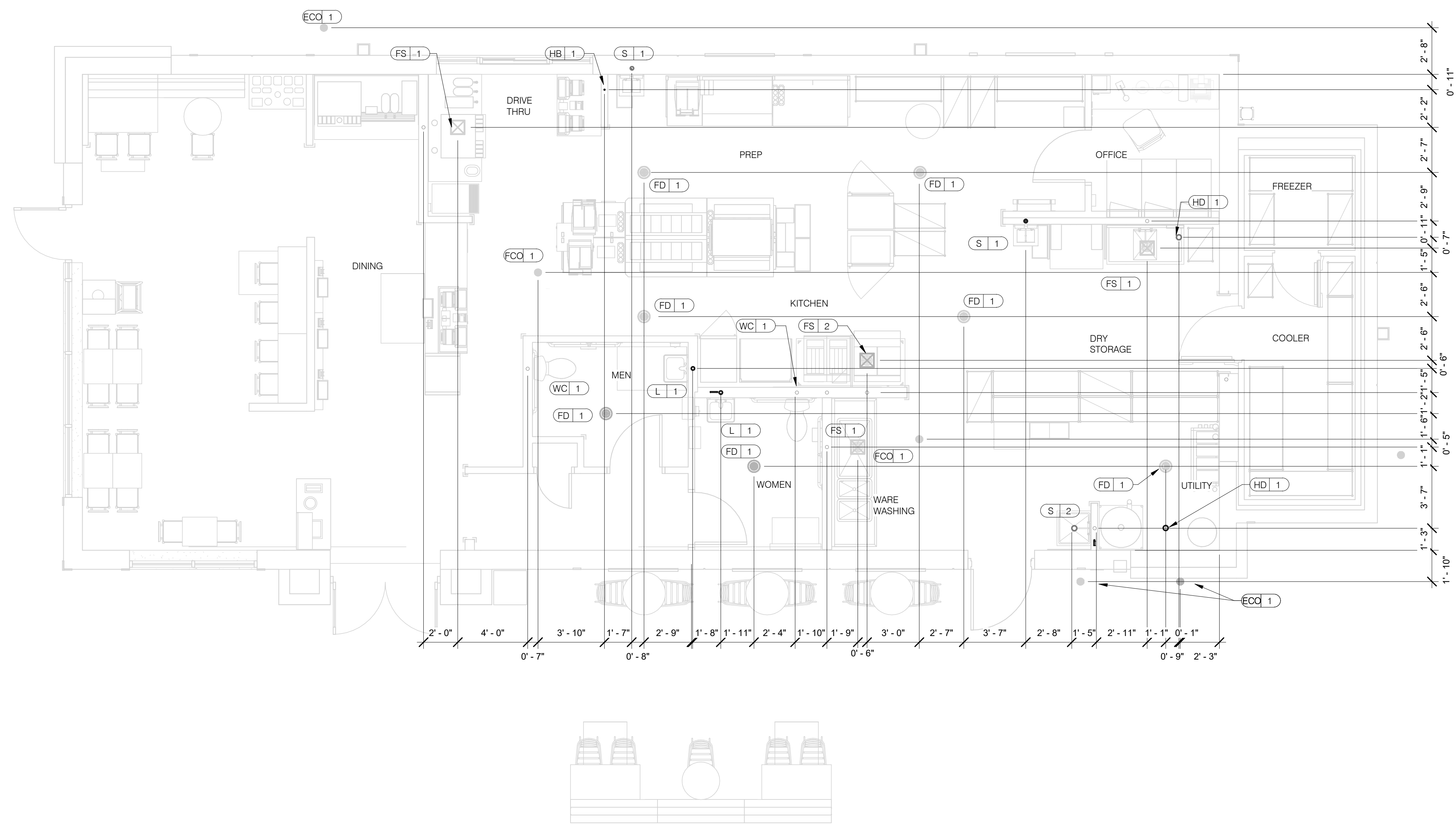
- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF "WATER VALLEYS". REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- C. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- D. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER 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 PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER. WATER METER LOCATED OUTSIDE. REFER TO CIVIL PLANS FOR CONTINUATION AND FURTHER INFORMATION.
- 11 1-1/4" (180 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-540.
- 14 WATER HEATER (WH-1). PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.1.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-546. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN ALONG WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER, PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 1/P6.1.
- 21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-026 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 27 1" DUCT METER FOR IRRIGATION SYSTEM.
- 28 1/2" HOT WATER RETURN DOWN TO WATER HEATER HOT WATER RETURN INLET.

**WATER & GAS PLAN NOTES** NTS **3**

**KEYNOTES - WATER AND GAS** NTS **2**



DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: AD  
 JOB NO.: 2021088.17

**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.	--	FCQ 1	FLOOR CLEAN OUT			--
WC 1	WATER CLOSET	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR	HB 1	HOSE BIB			--
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED					
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	C-107	REETHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	REETHERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-026	DUAL VAT FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.	--					
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR					
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	--	P-452	HOT WATER SYSTEM	CW	+24" A.F.F.	
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	--					

- 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**

**TACO BELL**

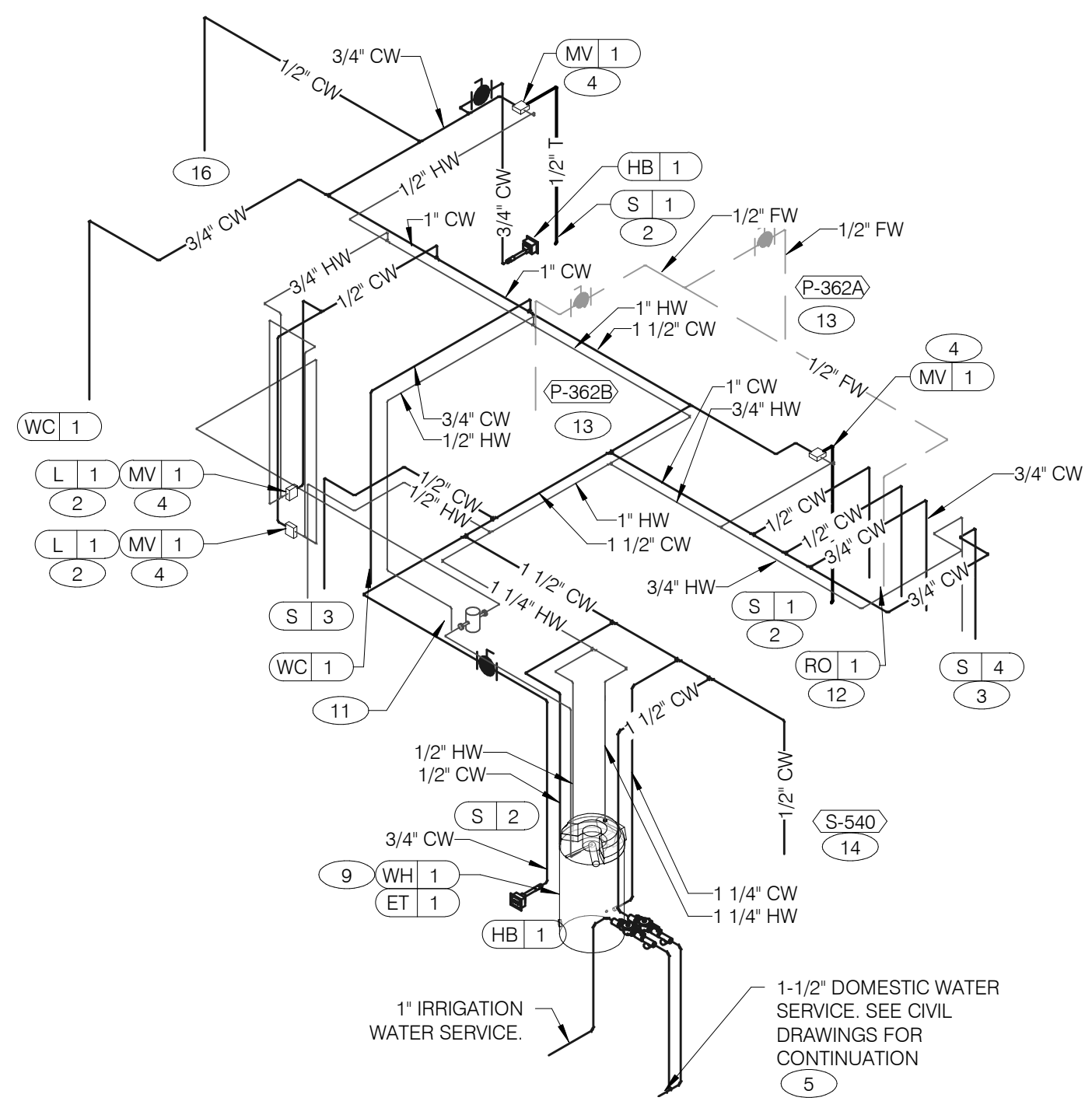
5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



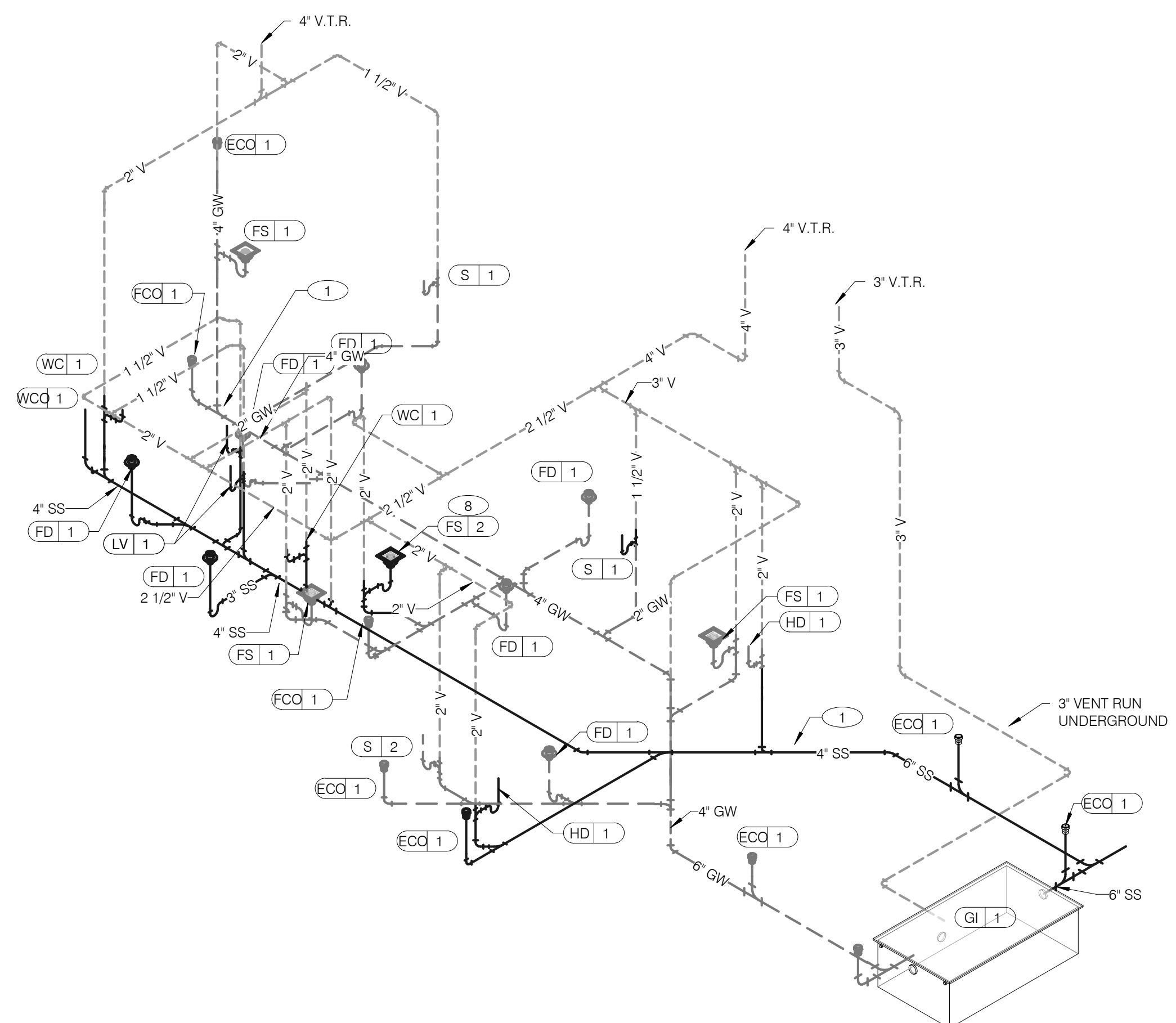
**ENDEAVOR 2.0  
 PLUMBING  
 ROUGH-IN PLAN**

**P4.0**

PLOT DATE: 9/7/2022 7:35:44 AM



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

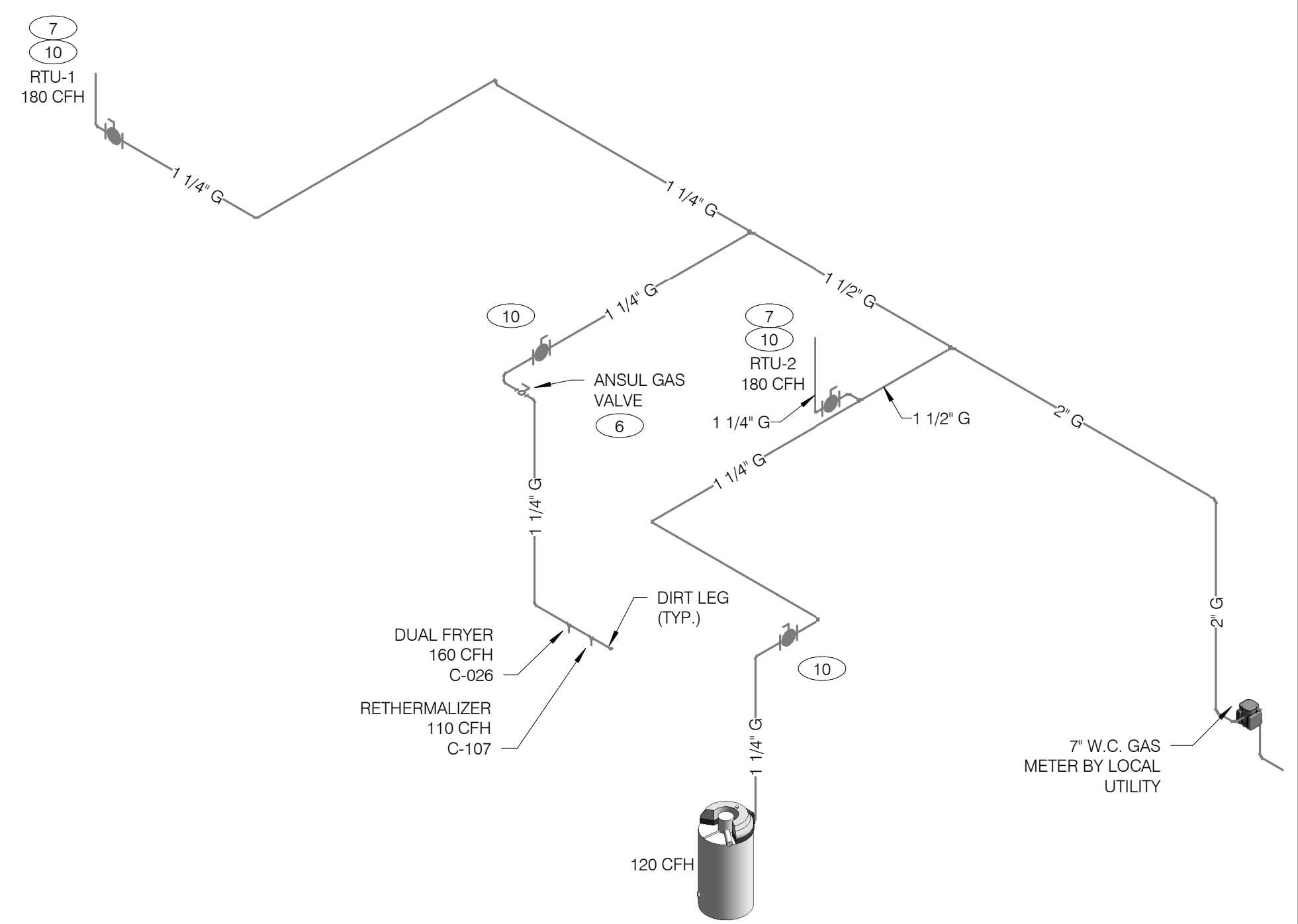


**WASTE AND VENT ISOMETRIC** NTS **1**

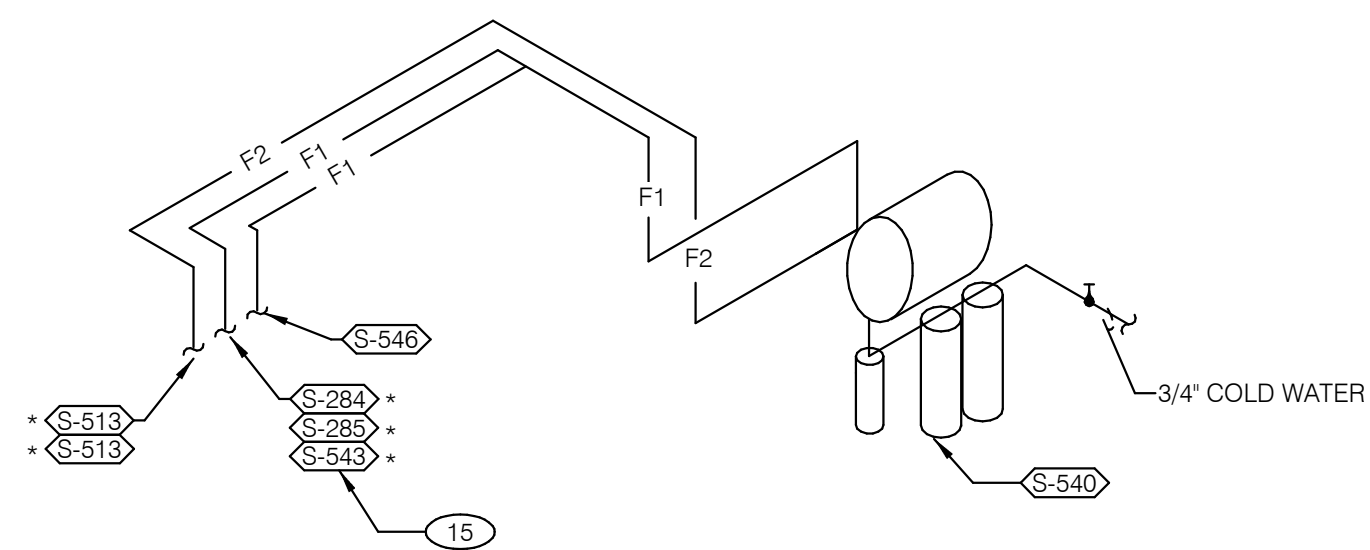
GAS DEMAND SCHEDULE	
RTU-1	180 CFH
RTU-2	180 CFH
WH-1	120 CFH
DUAL FRYER	160 CFH
REHERMALIZER	110 CFH
<b>TOTAL DEMAND</b>	<b>750 CFH = 750,000 BTUH</b>

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 REHERMALIZER.
- 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**

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 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
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 PA/PM: JW  
 DRAWN BY: AD  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787

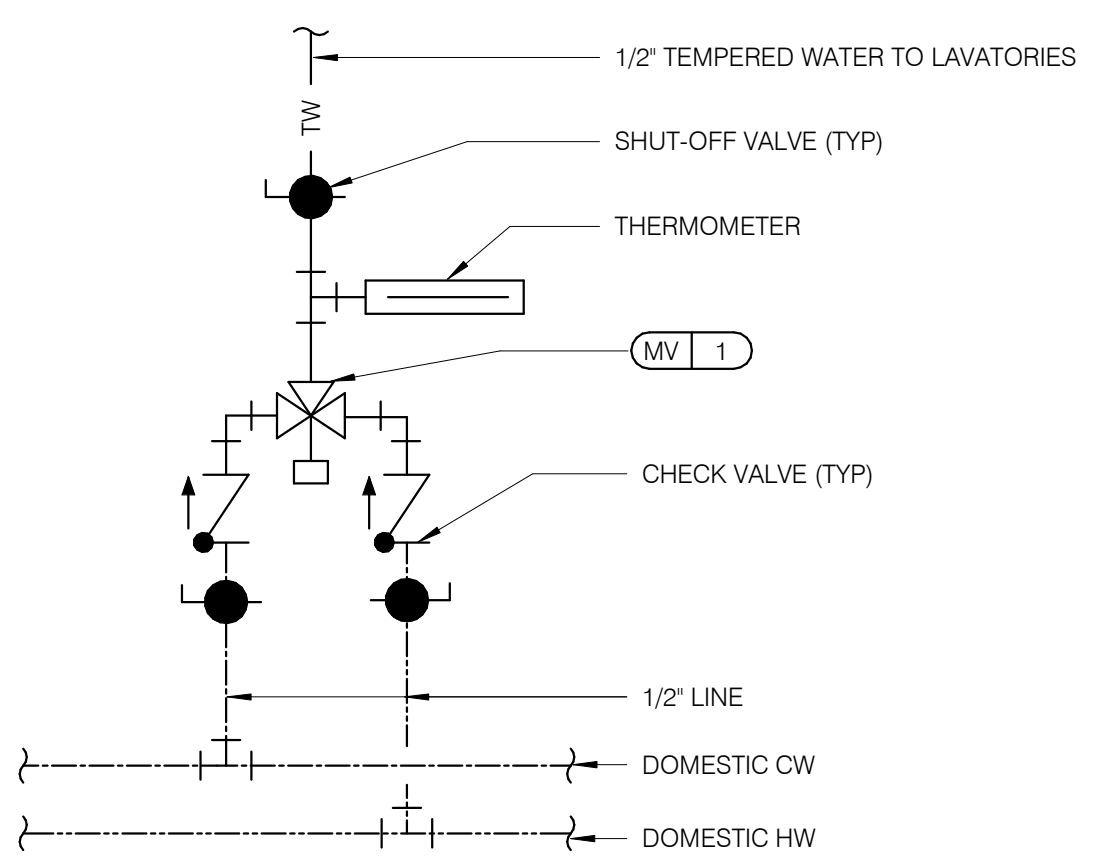


**ENDEAVOR 2.0  
 RISER  
 DIAGRAMS**

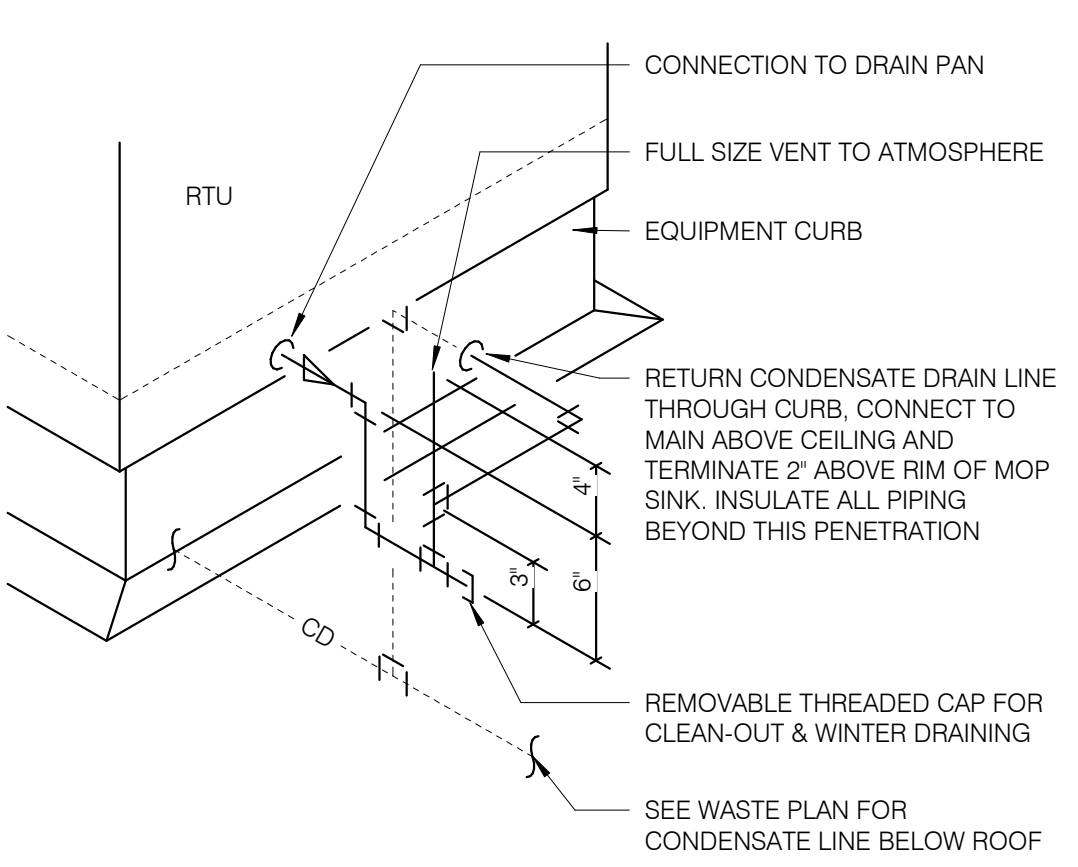
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PLOT DATE: 9/7/2022 7:35:47 AM

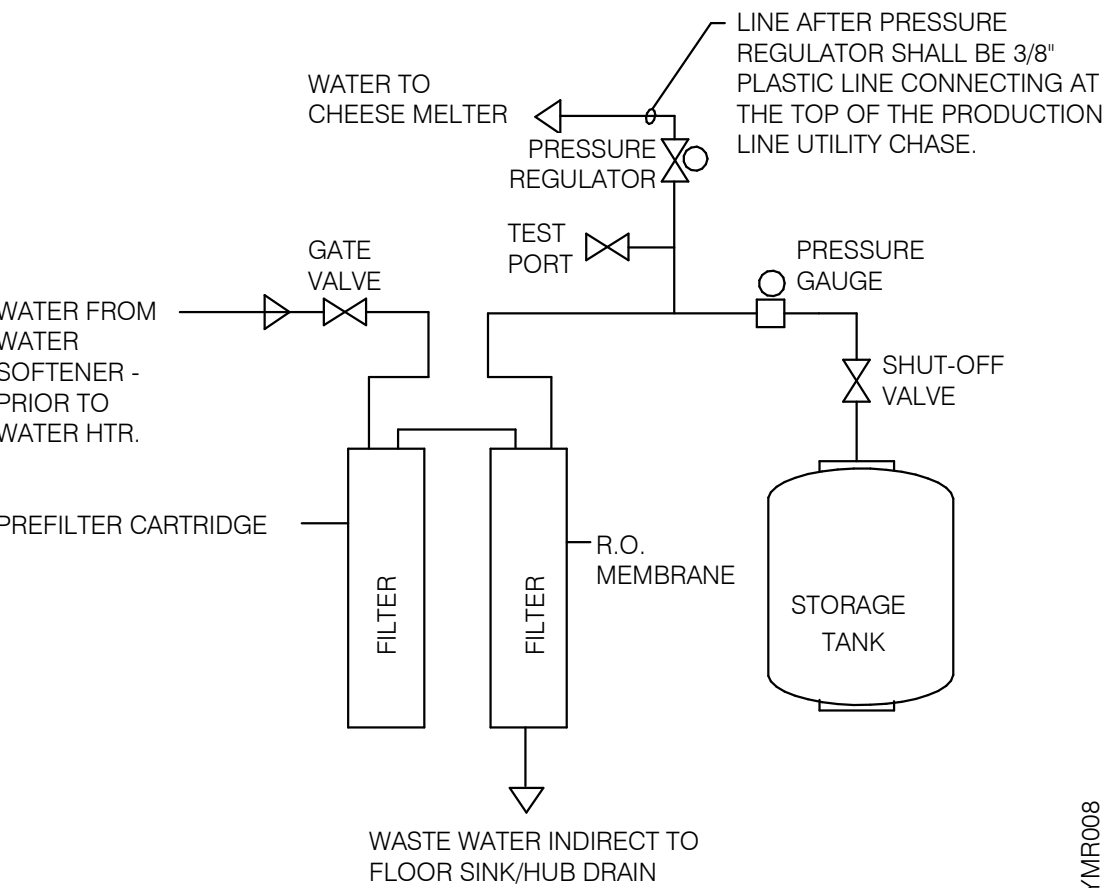
SERVICE CLEARANCES	
TOP	18"
SIDES	4"
FRONT	24"



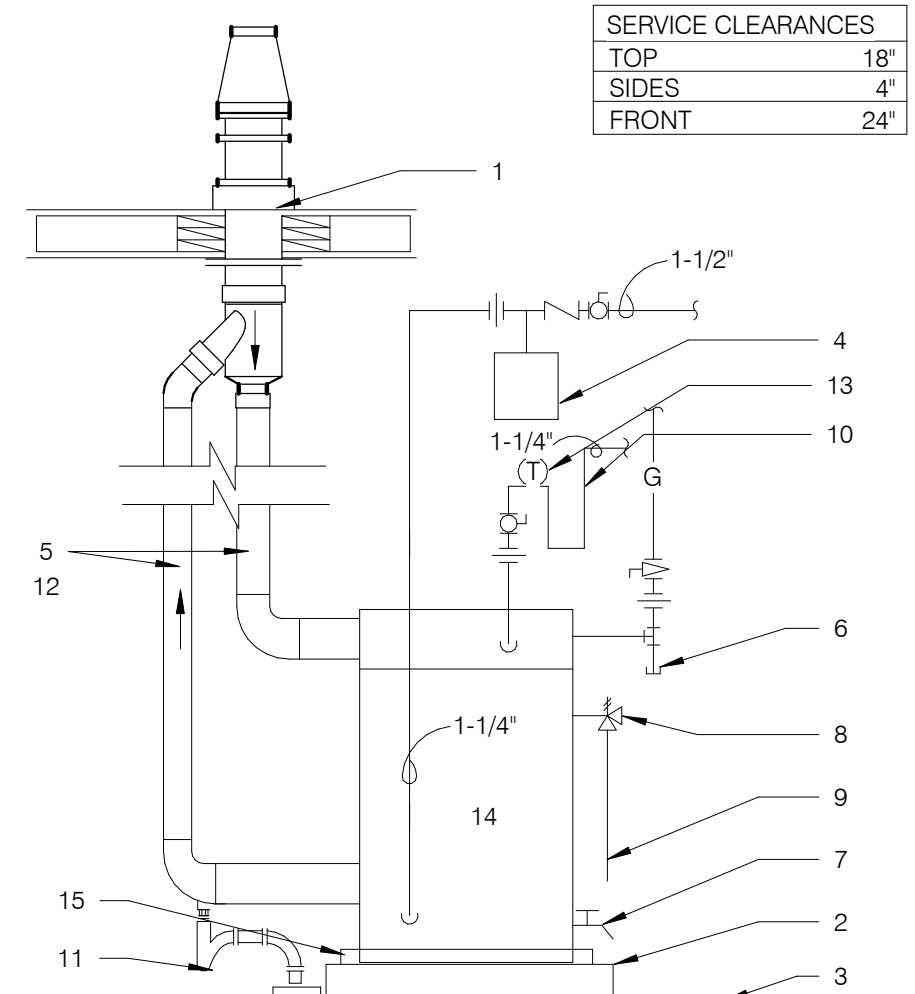
**TEMPERING VALVE** NTS **11**



**RTU CONDENSATE** NTS **10**

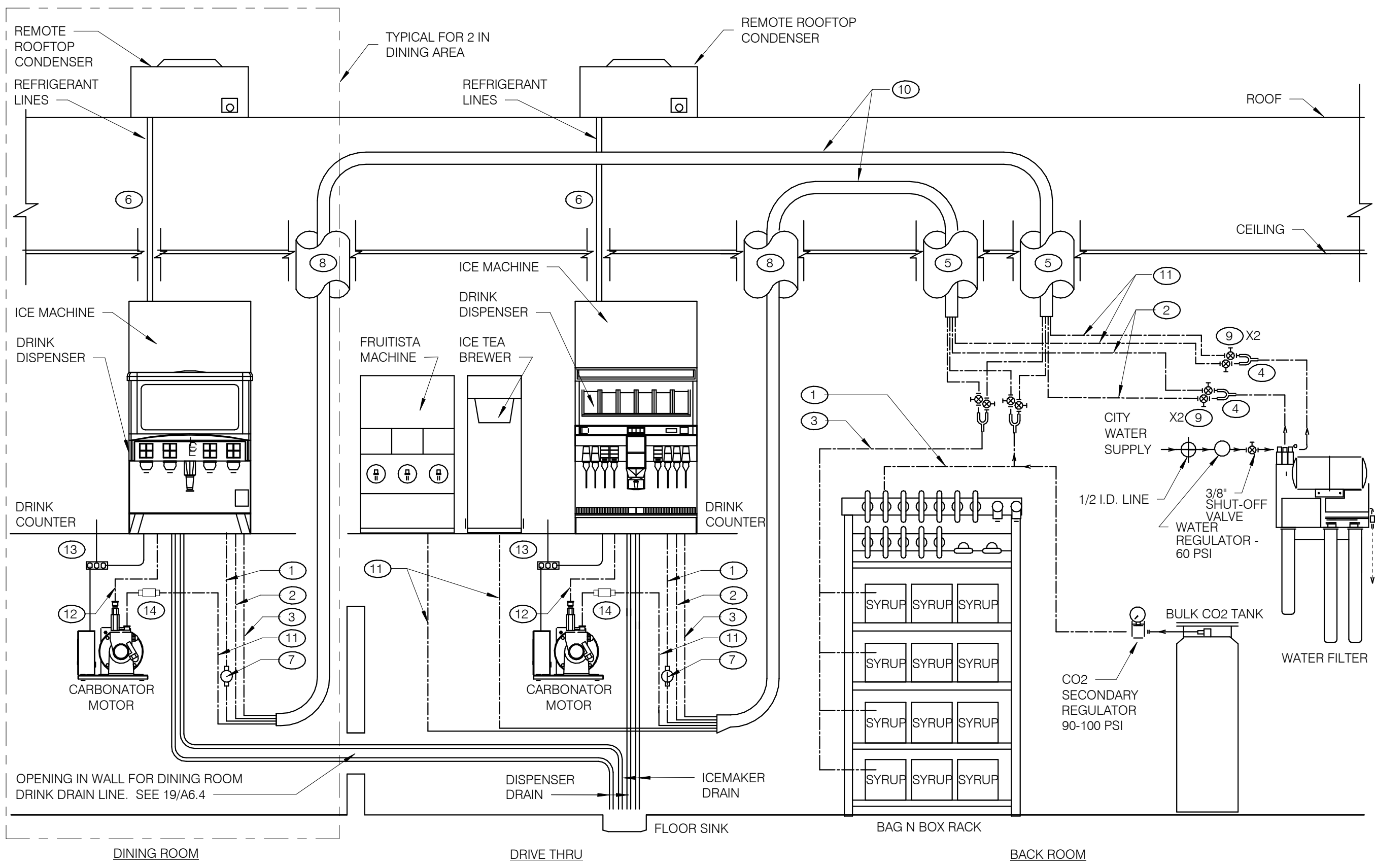


**REVERSE OSMOSIS SYSTEM** NTS **9**



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

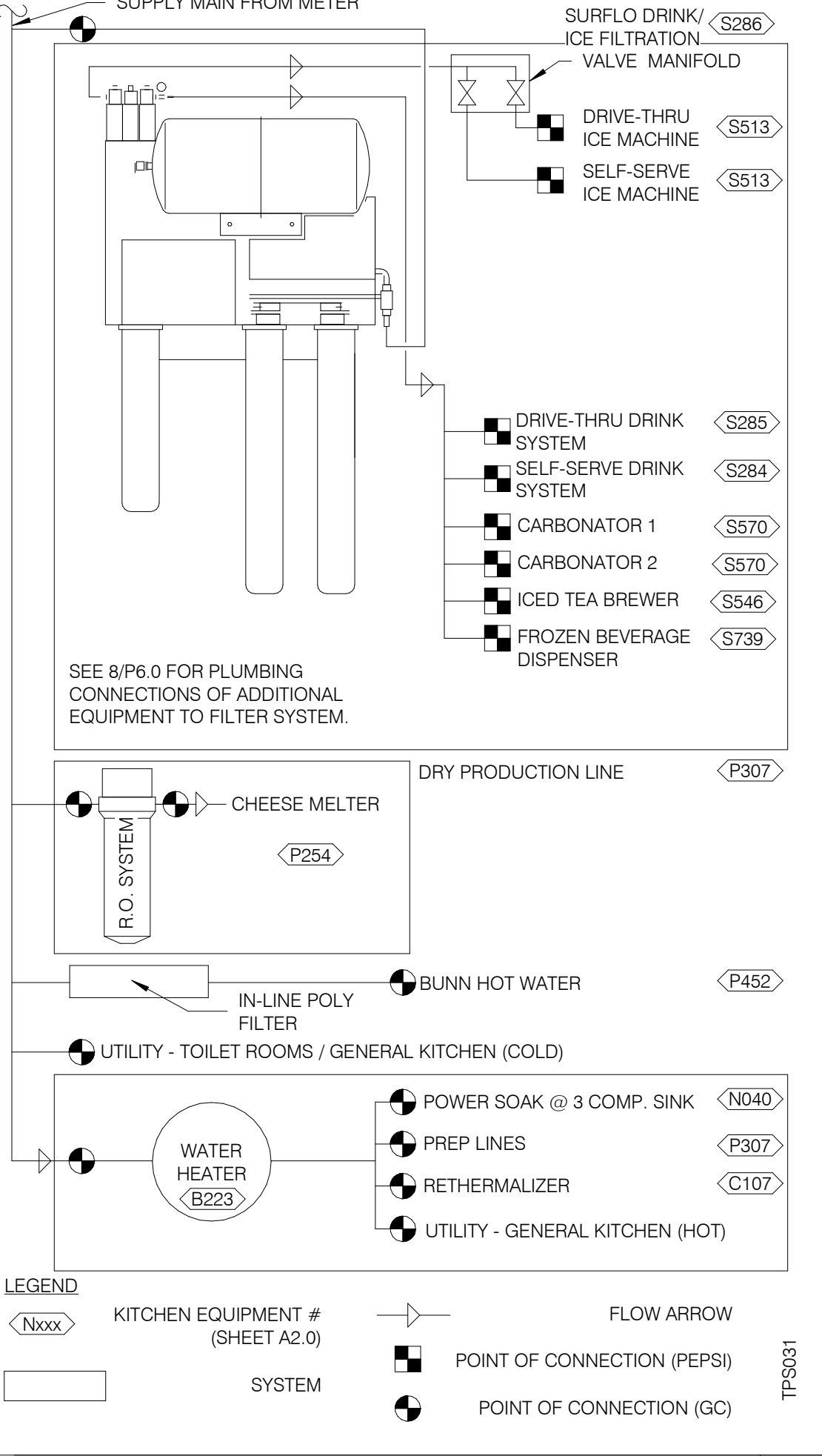
**WATER HEATER** NTS **2**



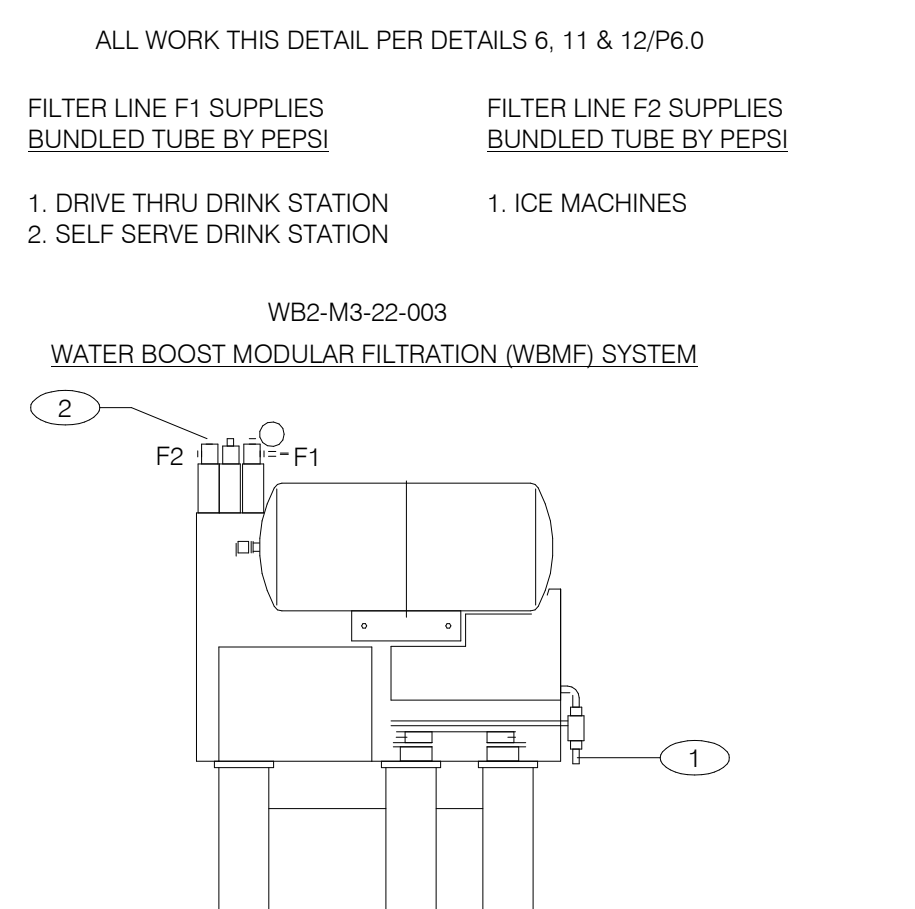
- GENERAL NOTES:**
1. OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
  2. SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
  3. ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
  4. INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
  5. FILTER SHALL BE PROTECTED AGAINST FREEZING.
  6. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
  7. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
  8. SEE EQUIPMENT PLAN FOR LOCATION.
  9. SEE DETAIL 3 THIS SHEET FOR BUNDLE DETAILS
  10. "Y" FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
  11. BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.
  12. PROVIDE WATTS SD-3 BACKFLOW PREVENTER WITH STRAINER UPSTREAM OF THE SODA CARBONATOR. SEE NOTE 14 BELOW.
- THERE ARE TWO SELF-SERVE DRINK/ICE SYSTEMS WHICH SHARE A COMMON FLOOR SINK WITH THE D/T DRINK/ICE SYSTEM.
- INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.
- EQUIPMENT RATING:**  
ED250 DISPENSER - 115V, 3.5 AMPS  
ED300 DISPENSER - 115V, 4.0 AMPS  
CARBONATOR - 115V, 60 HZ, 7.0 AMPS  
BOOSTER ASSEMBLY - 115V, 60 HZ, 6.5 AMPS

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

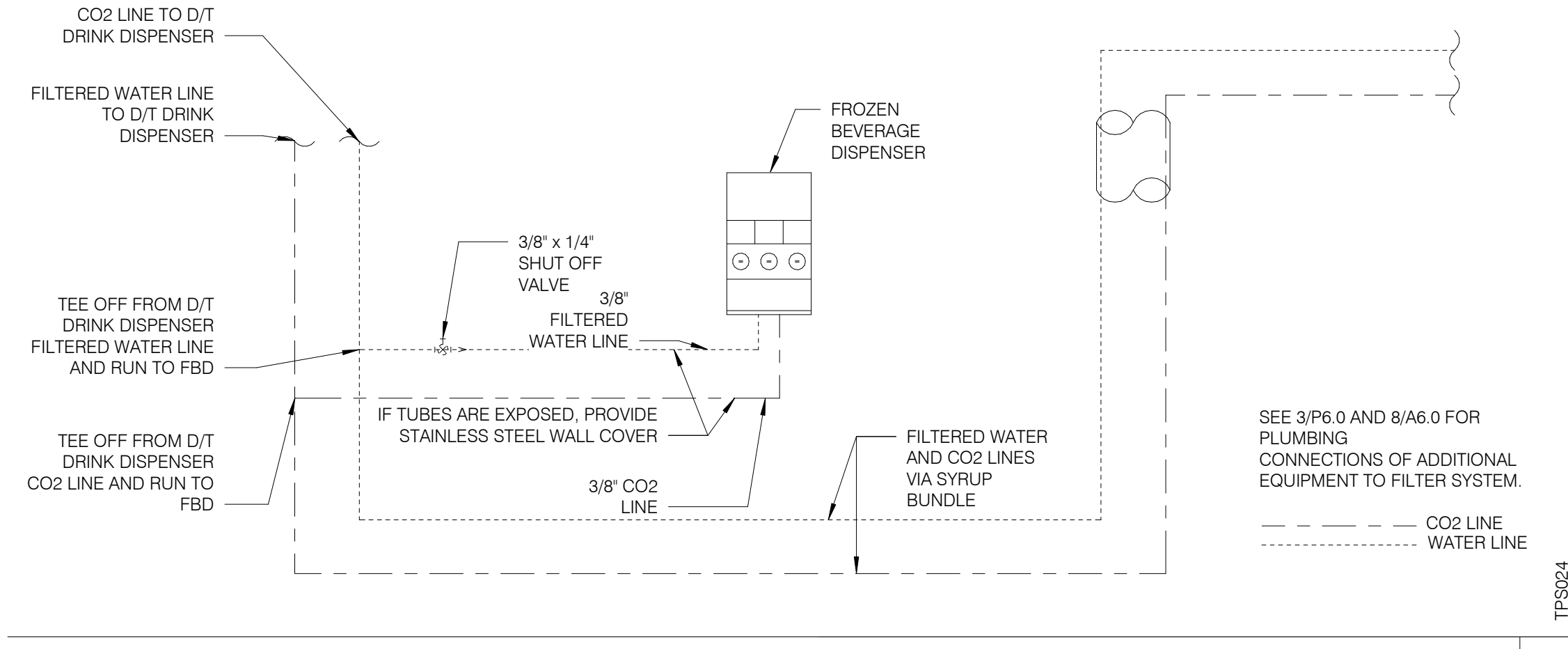
**DRINK SYSTEM SCHEMATIC** NTS **8**



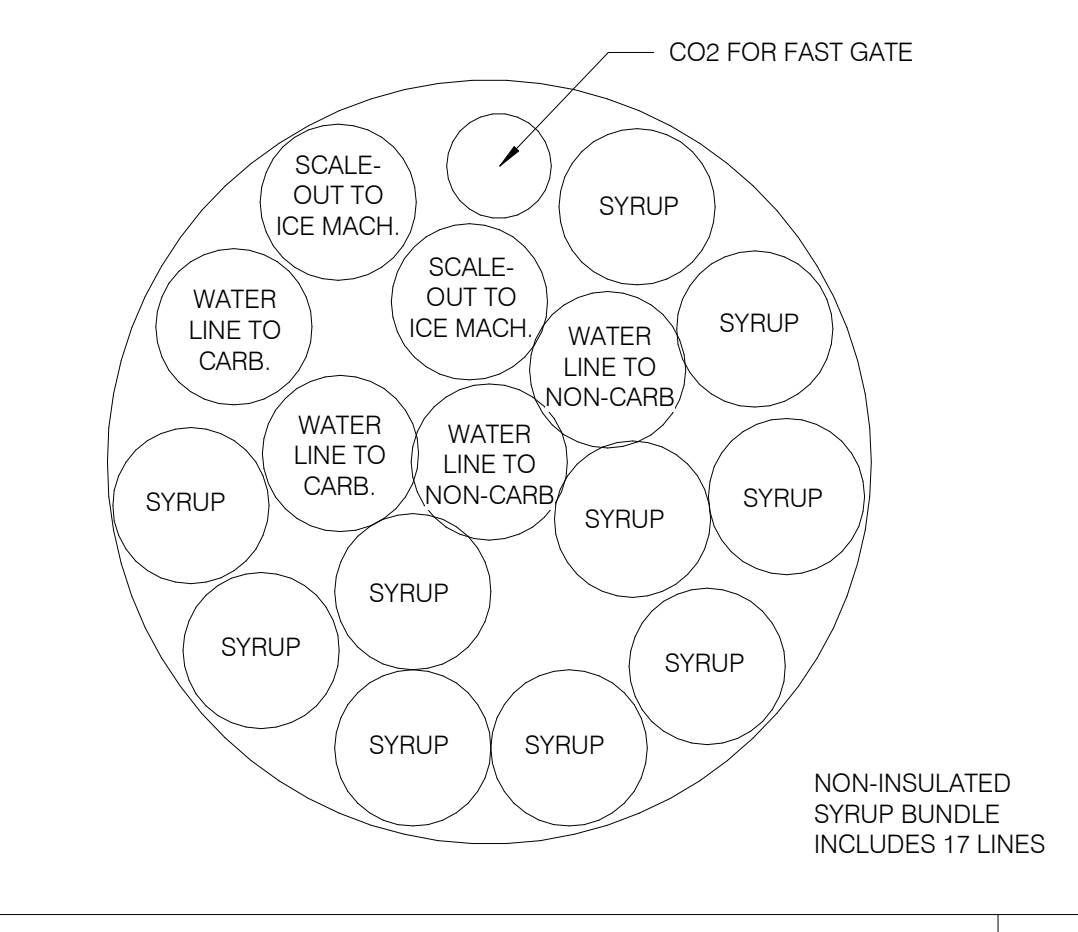
**WATER FILTRATION SCHEMATIC** NTS **3**



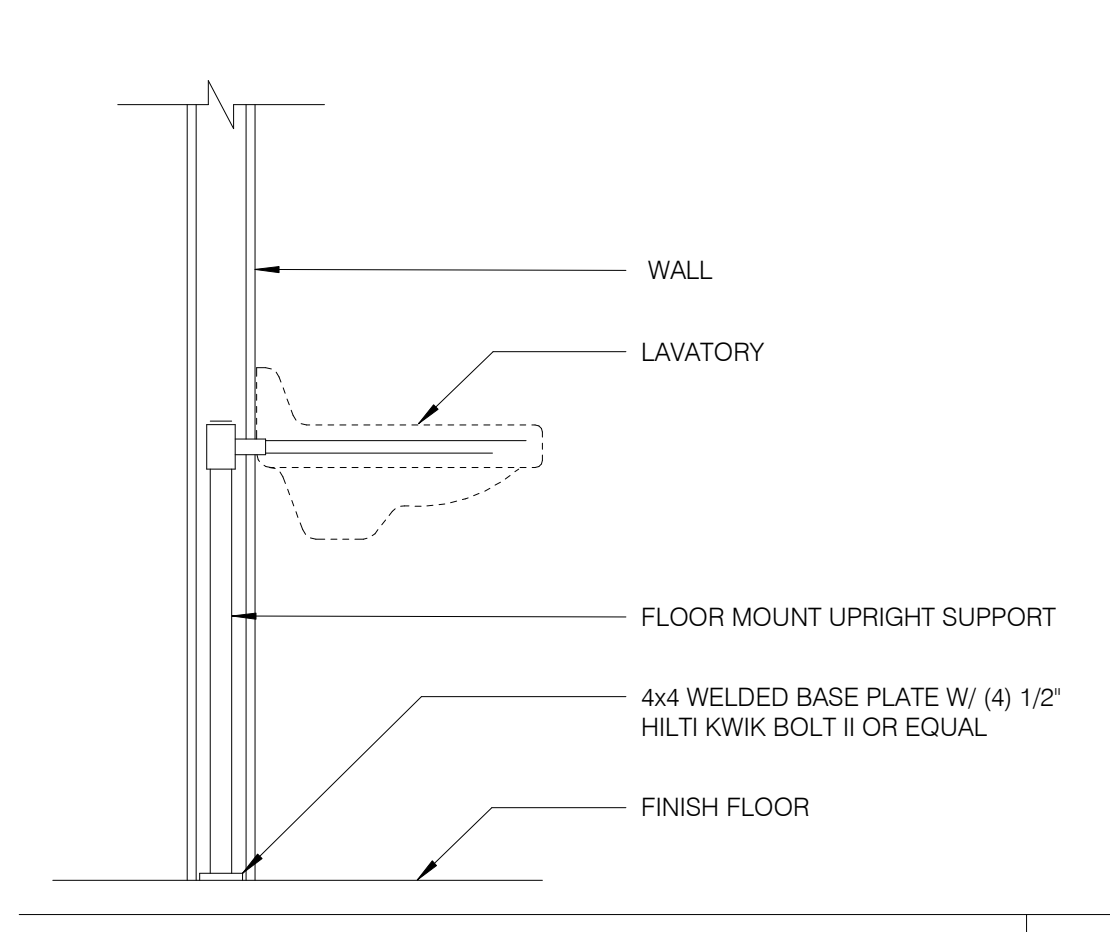
**WATER HEATER** NTS **2**



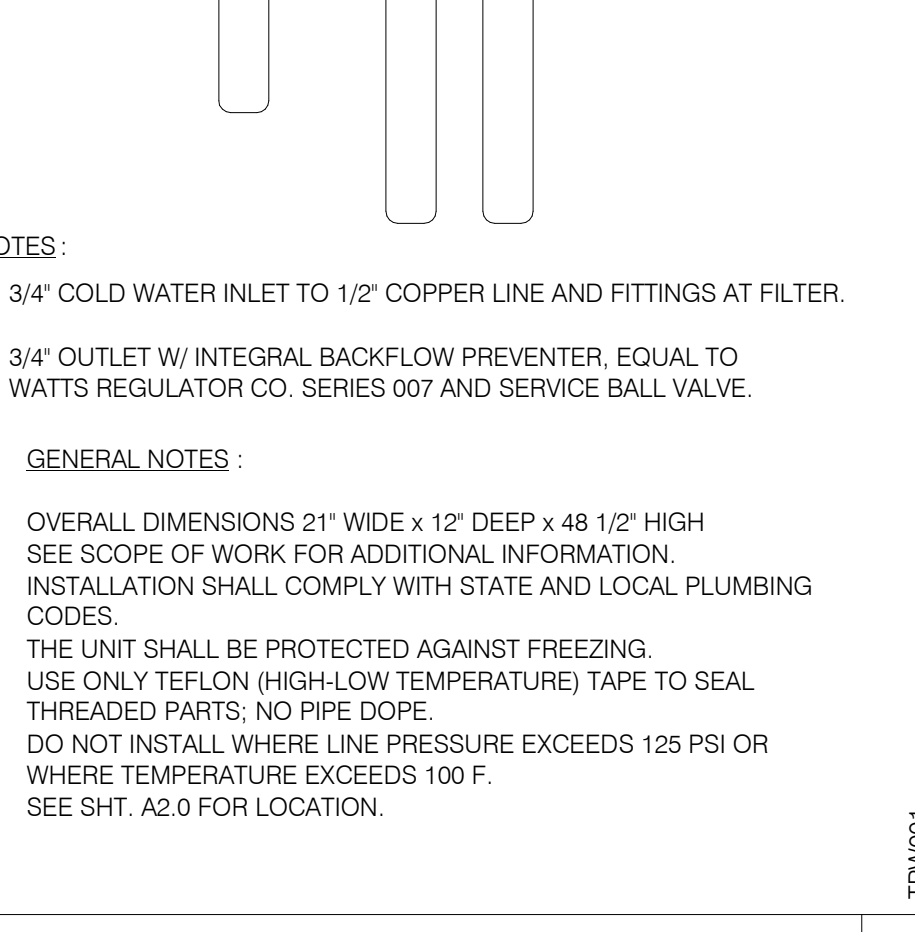
**FBD DRINK SYSTEM DETAIL** NTS **7**



**SYRUP BUNDLE CONFIGURATION** NTS **6**



**LAVATORY SUPPORT** NTS **5**



**WATER FILTER SYSTEM** NTS **1**

DATE	REMARKS

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PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: AD  
JOB NO.: 2021088.17

**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787

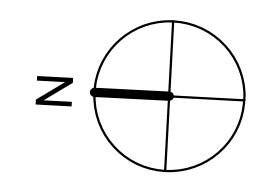
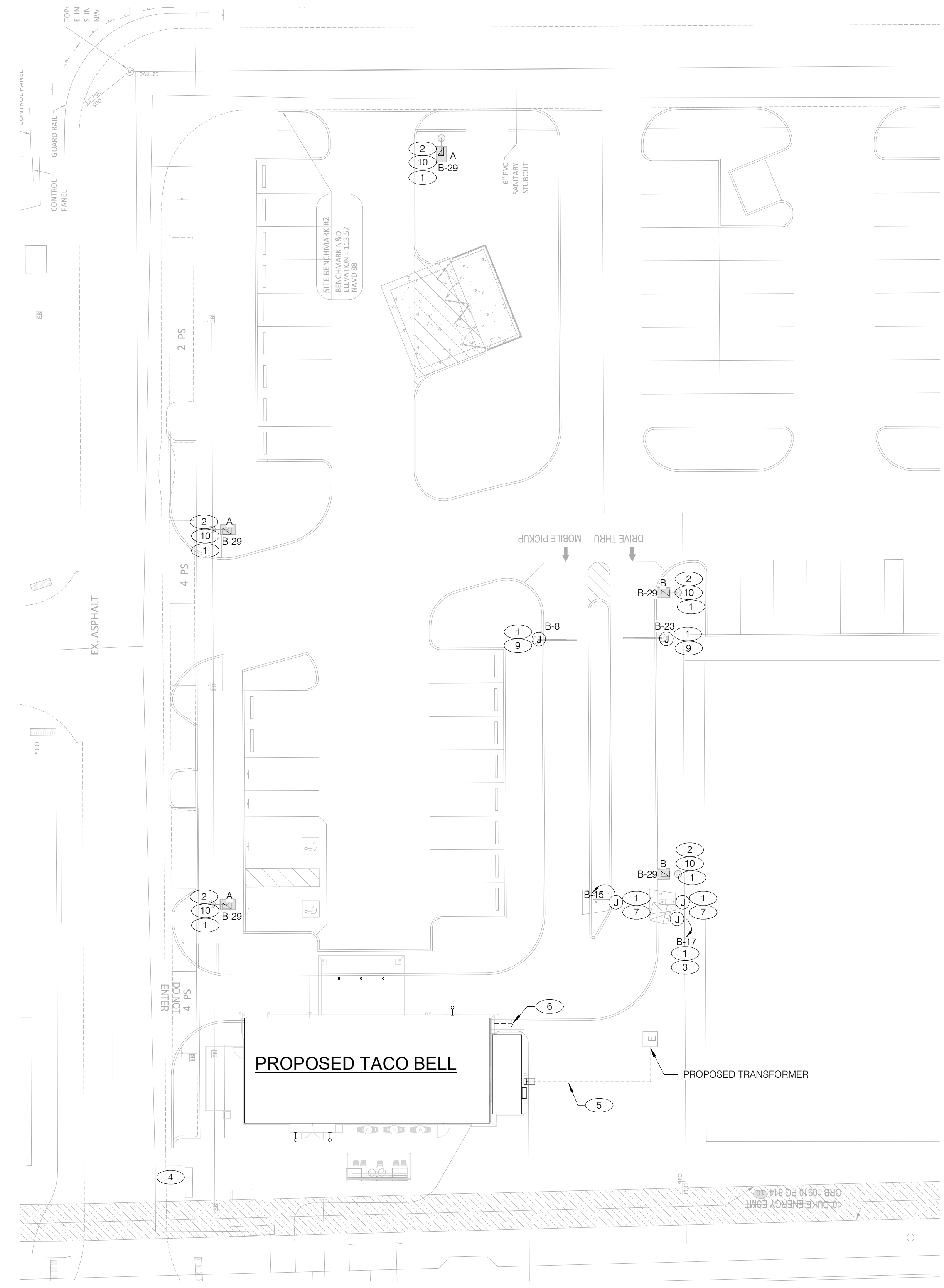


**ENDEAVOR 2.0 PLUMBING DETAILS**

**P6.0**

PLOT DATE: 9/7/2022 7:35:48 AM





**CONDUIT SCHEDULE**

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

- 1 1" C. - (2) #8, #8 GRD. (TYP. FOR ENTIRE CIRCUIT.)
- 2 REFER TO LIGHTING FIXTURE SCHEDULE ON E4.0 FOR ADDITIONAL INFORMATION ON LIGHTING FIXTURES. (TYPICAL)
- 3 DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. PROVIDE (2) #8AWG., #8 GND. IN 1" C. REFER TO CIVIL DRAWINGS.
- 4 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 CIVIL DRAWINGS, TYP. REFER TO DETAIL 12/C1.1.

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**TACO BELL**

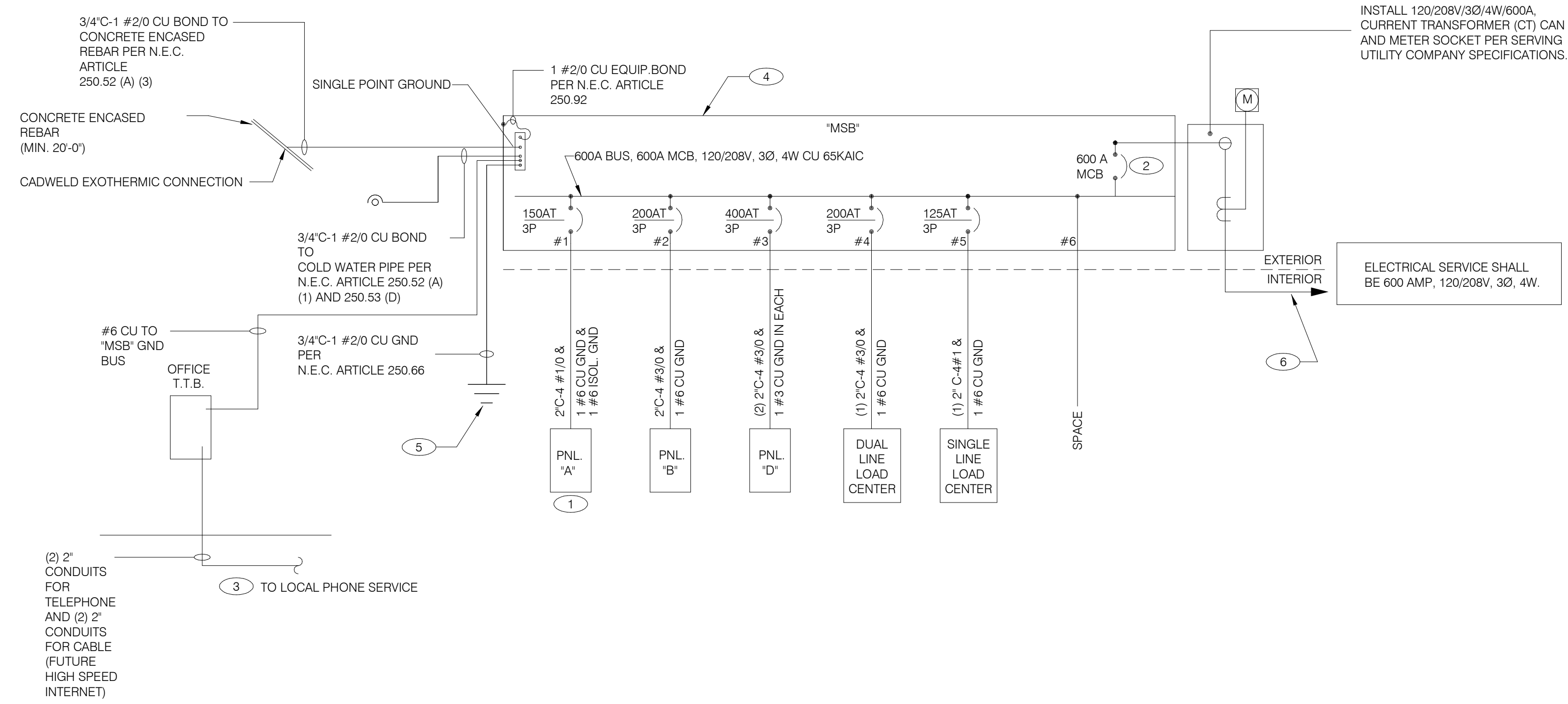
5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 SITE  
 ELECTRICAL  
 PLAN**

**E1.0**

PLOT DATE: 9/7/2022 7:35:23 AM



**SINGLE LINE DIAGRAM** NTS **A**

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

**ELECTRICAL LEGEND** NTS **D**

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

**ONE LINE DIAGRAM GENERAL NOTES** NTS **C**

- WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.
- PROVIDE 100% RATED MAIN CIRCUIT BREAKER IN MDP.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE AND 2" CONDUIT FOR FUTURE HIGH SPEED CABLE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.
- (3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250
- PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL CU. IN EACH OF (2) 3"C. TO PAD MOUNT TRANSFORMER. GC/ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500 KCMIL CU. IN EACH (2) 3-1/2"C.

**ONE LINE DIAGRAM KEY NOTES** NTS **B**

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**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



ENDEAVOR 2.0  
**ELECTRICAL ONE LINE DIAGRAMS AND LEGEND**  
**E2.0**

PLOT DATE: 9/7/2022 7:35:23 AM



### Switchboard: MSB

Location: Supply From: Mounting: Enclosure:

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: 65 KAIC Mains Type: MCB Mains Rating: 600 A MCB Rating: 600 A 100% RATED CIRCUIT BREAKER

Notes: Table with columns: CKT, Circuit Description, WIRE SIZE, # of Poles, Frame Size, Trip Rating, Load, Remarks. Includes sub-tables for Load Classification and Panel Totals.

### Panel: A

Location: Supply From: Mounting: Enclosure:

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 150 A MCB Rating: N/A

Notes: PROVIDE ISOLATED GROUND BAR. Table with columns: NOTES, CKT, Load Name, Trip, Poles, A, B, C, Poles, Trip, Load Name, CKT, NOTES. Includes sub-tables for Load Classification and Panel Totals.

### Panel: B

Location: Supply From: Mounting: Enclosure:

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 200 A MCB Rating: N/A

Notes: Table with columns: NOTES, CKT, Load Name, Trip, Poles, A, B, C, Poles, Trip, Load Name, CKT, NOTES. Includes sub-tables for Load Classification and Panel Totals.

#### Legend:

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes sub-table for 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...

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...

- KEY NOTES: 1 PROVIDE LOCK-ON BREAKER. 2 CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. 3 PROVIDE GFI BREAKER. CIRCUIT TO BE WIRED THROUGH TBANS.

Table with columns: DATE, REMARKS

CONTRACT DATE: 01.25.22 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 314877 STORE NUMBER: 455564 PA/PM: JW DRAWN BY.: AJR JOB NO.: 2021088.17

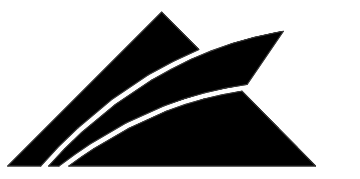
### TACO BELL



### ENDEAVOR 2.0 ELECTRICAL SCHEDULES

# E2.1

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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

### COMMERCIAL KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT IDENTIFICATION		EQUIPMENT ELECTRICAL CHARACTERISTICS				EQUIPMENT CIRCUIT				EQUIPMENT DISCONNECT				NOTES			
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/R/LA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE		NEMA	SUPPLIED BY	INSTALLED BY
B-223	O	B-223 WATER HEATER IGNITION	120 V/1-744 VA	6.2	7.2	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
B-381	O	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
C-026	KR	FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2
C-107	O	RETHEMALIZER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2
C-400	O	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
DCL	O	DUAL COOK LINE	208 V/3-52000 VA	145	145	200	200	1	4#3/0 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
E1AN	O	TBANS SHUNT PANEL	120 V/1-500 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
F-040	O	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-090	O	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-174	O	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
IR-01	O	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
L-044	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
L-045	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
N-044	KR	POWER SOAK	208 V/2-4740 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	8
N-044	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
P-417	O	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
R-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-204	O	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-289	O	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-200 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-540	O	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-544	O	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-546	O	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-550	O	BAG IN BOX RACK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
SCL	O	SINGLE COOK LINE (OPTIONAL)	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
U-011	O	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	2.4	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-050	O	CREDIT CARD SATELLITE ROUTER JUNCTION		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-061	O	RECEIPT PRINTER		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-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"C	CU	ST	C&P	20	5-20	ES	ES	2
U-070	O	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
W-XX1	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	2

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

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

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

### Panel: D

Location: MSB  
Supply From: MSB  
Mounting: Recessed  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: SERIES  
Mains Type: M.L.O.  
Mains Rating: 400 A  
MCB Rating: N/A

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
GF	1	CARBONATOR	15 A	1	276 VA	0 VA				Spare	2	
GF	3	B-223 WATER HEATER IGNITION	20 A	1		744 VA	1000...			ALTERNATE PAYMENT ROUTER BOX...	4	
	5	OC SWITCHED RECEPTACLE	20 A	1			180 VA	680 VA		IRRIGATION TIMER AND RECEPTACLE	6	GF
GF	7	S-540 PEPSI BOOSTER TANK	20 A	1	564 VA	500 VA				MUSIC SYSTEM J-BOX AND...	8	
	9	RECEPTACLES - ROOF	20 A	1		540 VA	1560...				10	GF
	11	CONVENIENCE RECEPTACLES	20 A	1			360 VA	1560...		S-739 FROZEN BEV. DISP.	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...			ICE MAKER CONDENSER D/T	16	
	17										18	
	19	ICE MAKER CONDENSER	20 A	2	1600...	1600...		1600...	1600...	ICE MAKER CONDENSER	20	
GF	21	S-550 BAG IN BOX RACK	20 A	1		564 VA	2370...			POWER SOAK	22	GF
	23	B-381 AMPROBE CO2 MONITOR	20 A	1			156 VA	2370...			24	
	25				5040...	500 VA				MUSIC SYSTEM (MUZAK)	26	
	27	RTU-1	50 A	3			5040...	1200...			28	
	29						5040...	1200...		WALK-IN COOLER	30	
	31				5040...	1200...					32	
	33	RTU-2	90 A	3			5040...	1393...		WALK-IN FREEZER	34	
	35										36	
	37	Spare	20 A	1	0 VA	1393...					38	
	39	Spare	20 A	1		0 VA	0 VA				40	
	41	Spare	20 A	1			0 VA	0 VA			42	
<b>Total Load:</b>					20753 VA		22305 VA		21179 VA			
<b>Total Amps:</b>					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	<b>Total Conn. Load:</b> 64237 VA
Receptacle	2300 VA	100.00%	2300 VA	<b>Total Est. Demand:</b> 60951 VA
				<b>Total Conn. Current:</b> 178 A
				<b>Total Est. Demand Current:</b> 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

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: AJR  
JOB NO.: 2021088.17

### TACO BELL

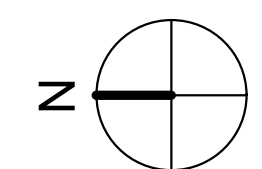
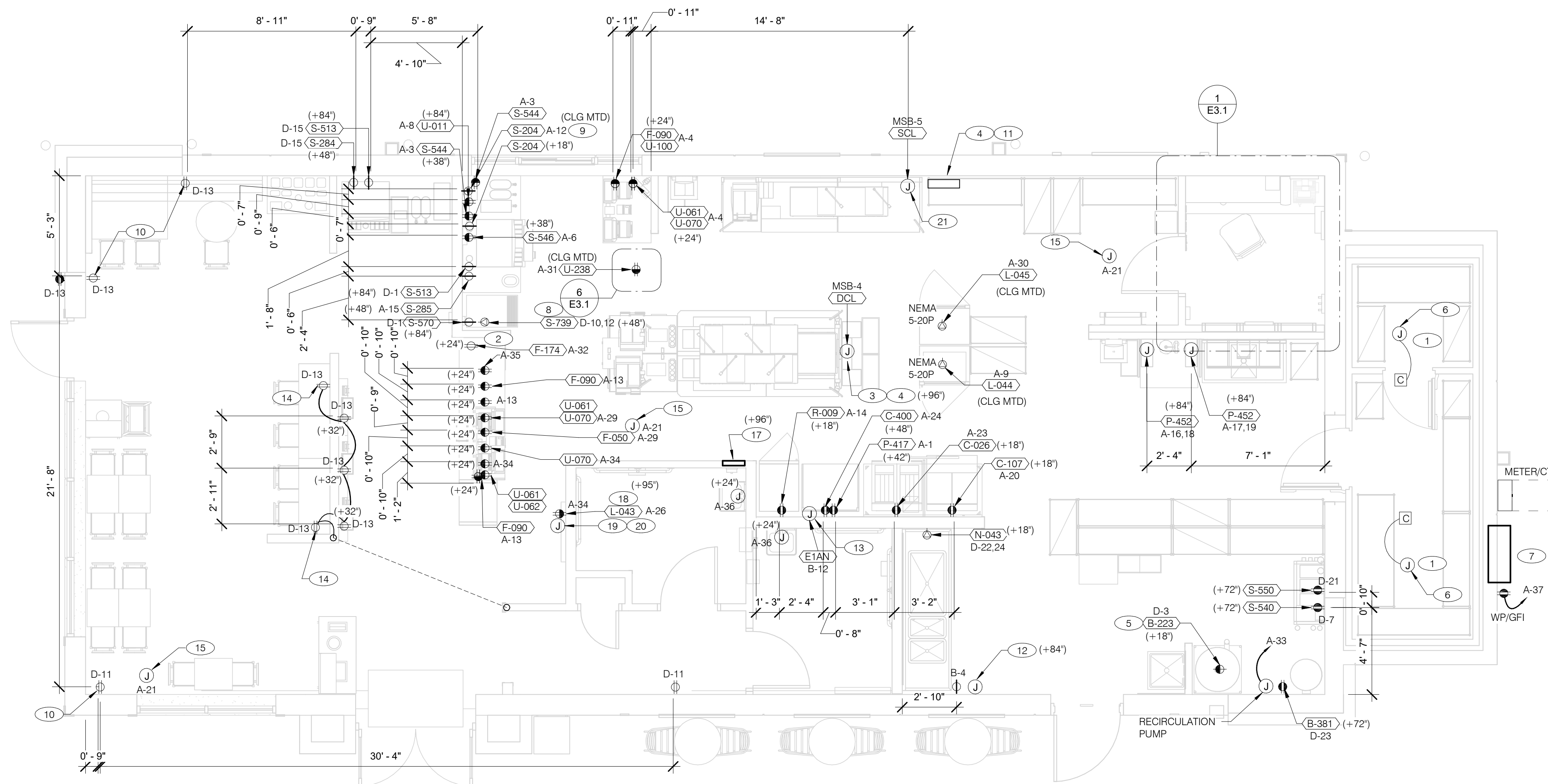
5201 Hamlin Groves Trail  
Winter Garden, FL 34787



ENDEAVOR 2.0  
ELECTRICAL  
SCHEDULES

# E2.2

PLOT DATE: 9/7/2022 7:35:25 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 CONDUIT AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.
- R. OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
- S. CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINERY REAR WALL.
- 3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 LOCATED INSIDE SHELL OF HEATER.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 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 COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.
- 21 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 125 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.

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

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

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY: AJR  
 JOB NO.: 2021088.17

**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 32787



**ENDEAVOR 2.0 ELECTRICAL POWER PLAN**

**E3.0**

PLOT DATE: 9/7/2022 7:35:27 AM

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

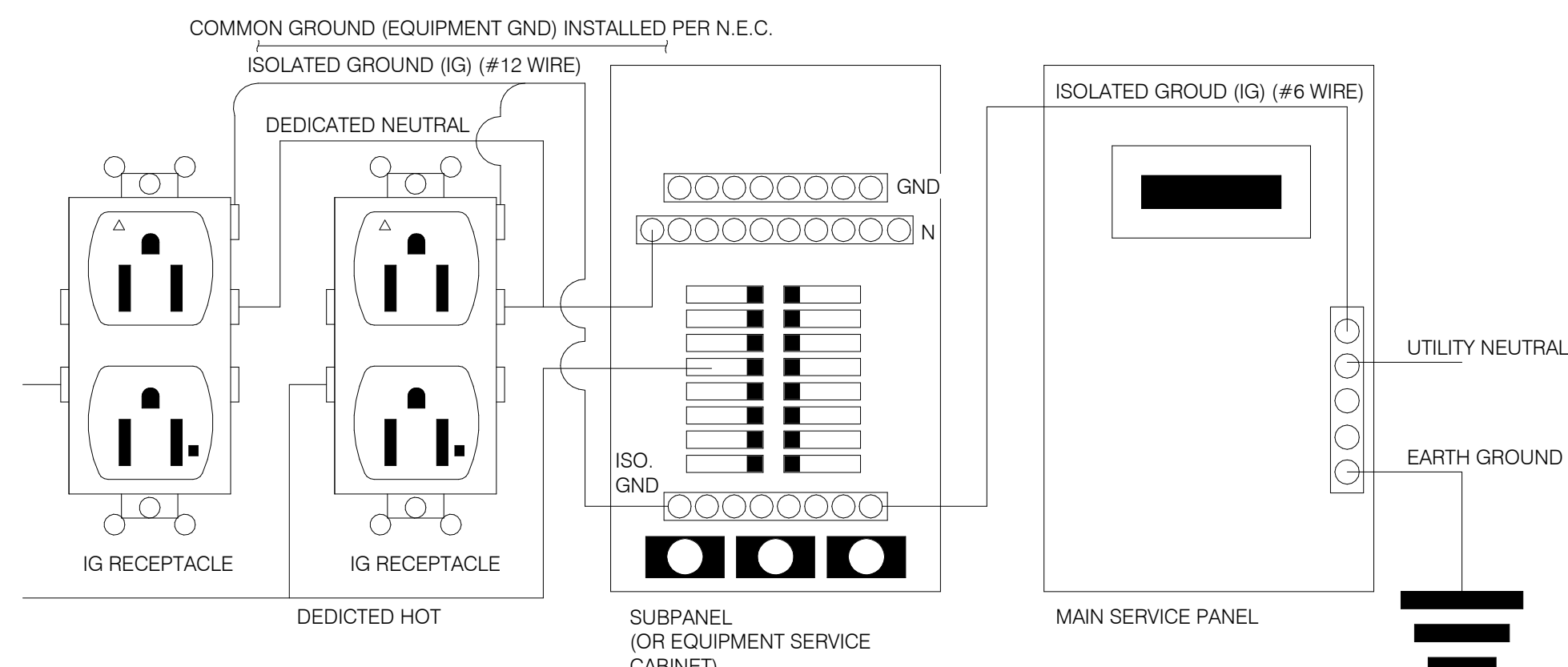
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

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

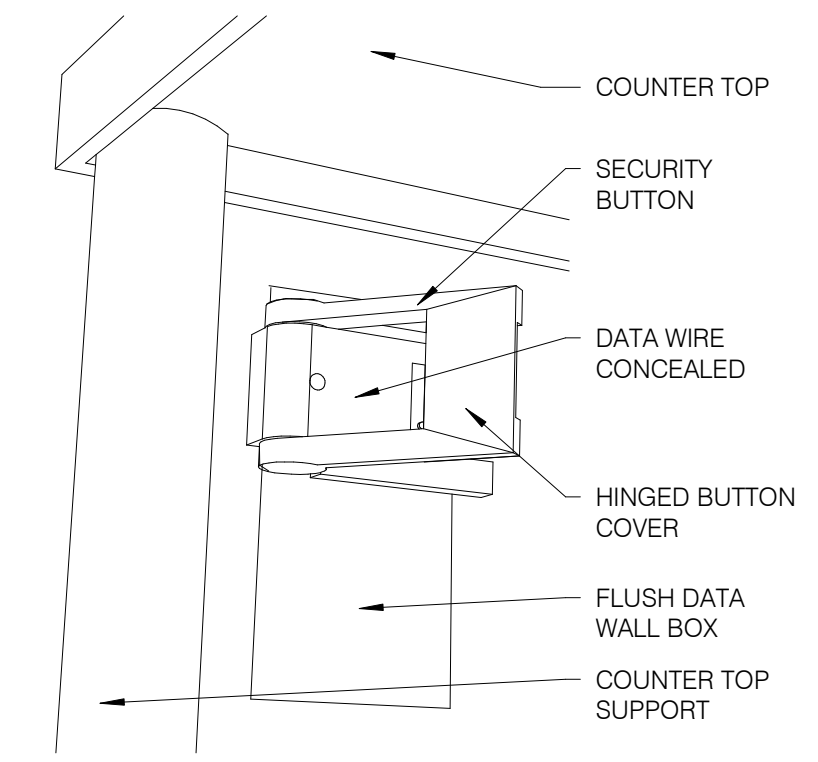
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

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

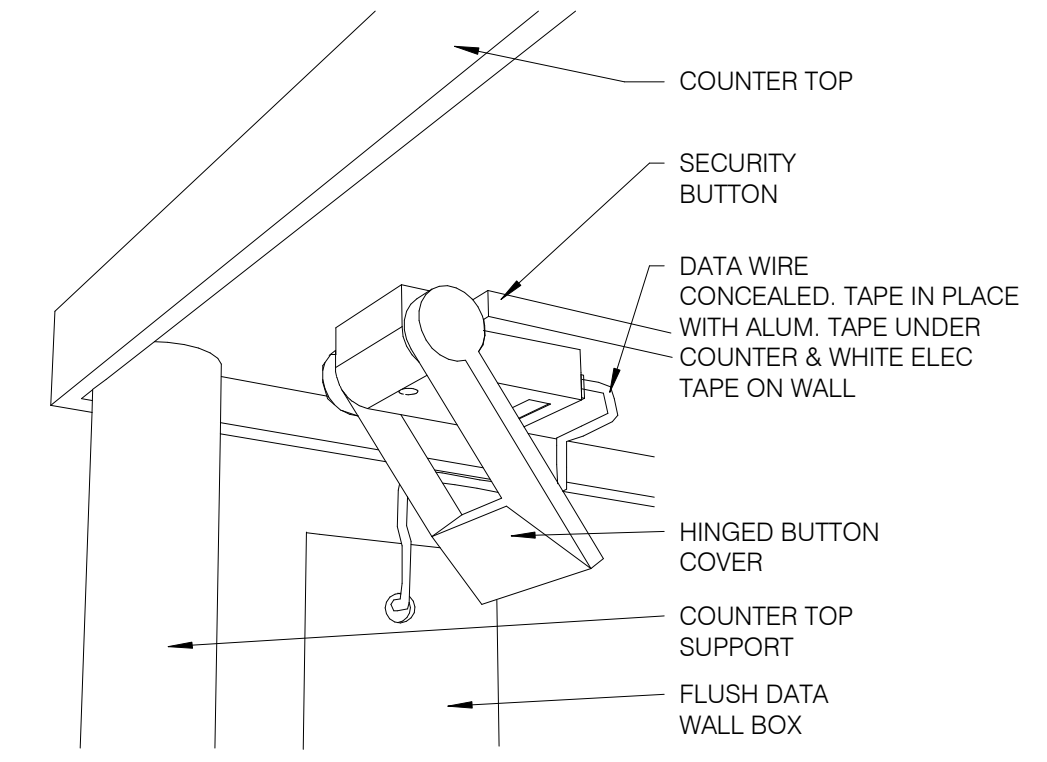


NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS

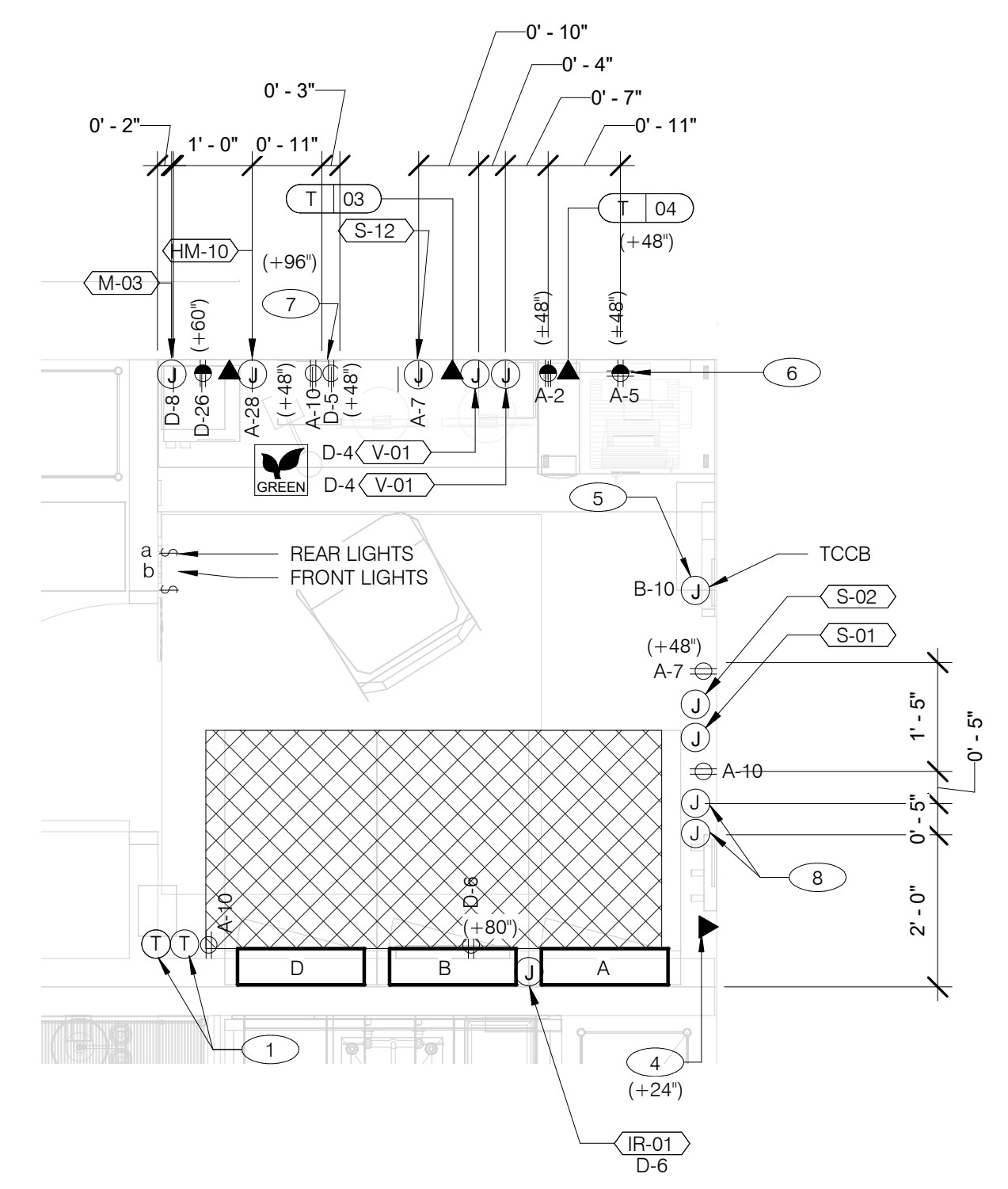
**P.O.S. ISOLATED GROUND SYSTEM** NTS **6**



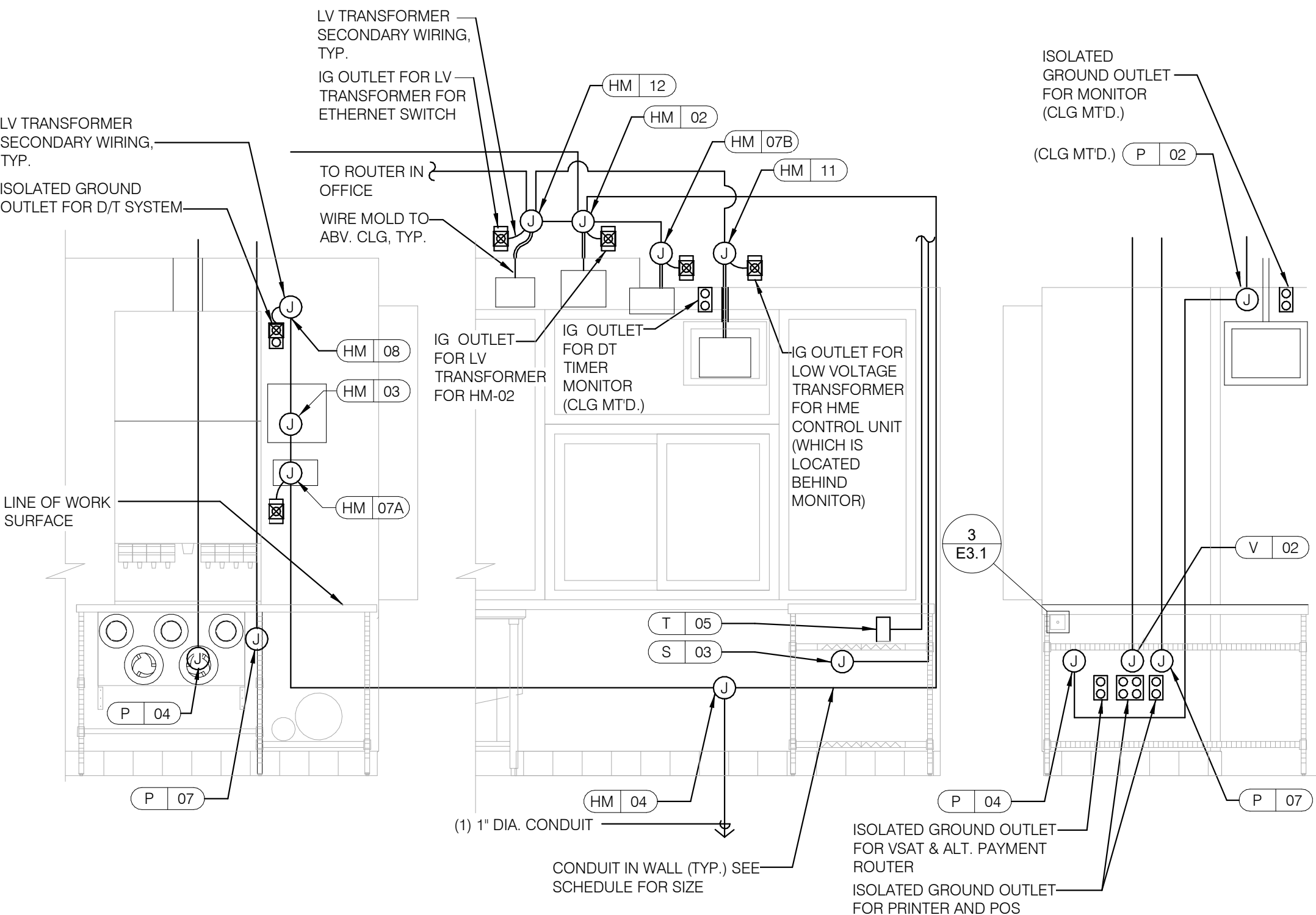
**SECURITY BUTTON ON WALL** NTS **3**



**SECURITY BUTTON UNDER COUNTER** NTS **4**



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



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

**ENLARGED INTERIOR ELEVATION (D/T WINDOW)** NTS **7**

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

- 1 THERMOSTATS CONTROLS.
- 2 NOT USED.
- 3 NOT USED.
- 4 PHONE JACK FOR MODEM.
- 5 LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN THE FIELD. CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT IN OCCUPANCY SENSOR FOR MANAGERS OFFICE.
- 6 DATA JACK FOR TECH-IN-A-BOX WITH 2 PORTS.
- 7 ROUTE CIRCUIT THROUGH TBCCB OCCUPANCY SENSOR FOR CONTROLLED RECEPTACLE.
- 8 PROVIDE BACK-BOX AND CONDUIT WITH PULLSTRING FOR REMOTE TEST STATIONS PROVIDED BY MECHANICAL. COORDINATE REQUIREMENTS WITH MECHANICAL.

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

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY.: AJR  
 JOB NO.: 2021088.17

**TACO BELL**

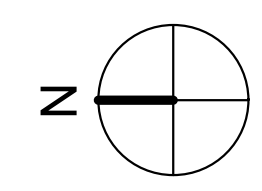
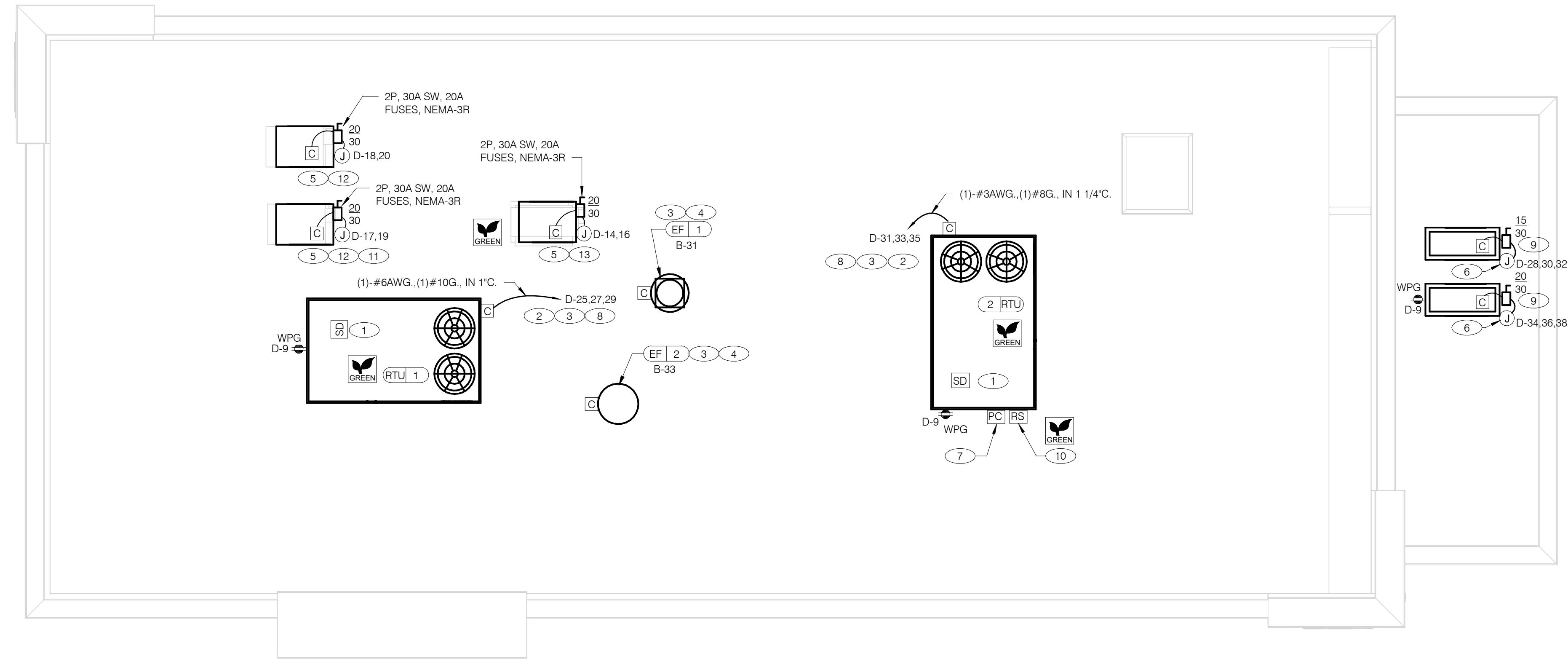
5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



ENDEAVOR 2.0  
 ENLARGED  
 POWER PLAN  
 AND DETAILS

**E3.1**

PLOT DATE: 9/7/2022 7:35:28 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 MFRS AND INSTALLER'S REQ'S.
- C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.
- D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.
- E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.
- F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.
- G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.
- H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.
- I. ALL WIRING AND CONDUITS SHALL BE CONCEALED, NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.
- J. ARMOR CABLE (BX) IS ONLY TO BE ALLOWED WHERE ACCEPTABLE BY AUTHORITY HAVING JURISDICTION.

- 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 CONVIENENCE OUTLET AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
- 3 POWER AND CONTROL IN FLEXIBLE WATERPROOF CONDUIT (LFMC CONDUIT) TO ENTER FROM SIDE OF THE CURB AND UP TO FACTORY PROVIDED DISCONNECT SWITCH. COORDINATE WITH MECHANICAL CONTRACTOR.
- 4 CONNECT TO APPROPRIATE TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
- 5 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
- 6 REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.
- 7 CONNECT TO APPROPRIATE PHOTOCELL TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
- 8 RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT AND SINGLE POINT WIRING.
- 9 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND INSTALL EVERYTHING AS REQUIRED.
- 10 RAIN SENSOR.
- 11 PIPE HOOD. SEE 9/A6.0
- 12 ELECTRICAL CONTRACTOR SHALL MAKE ALL ELEC. CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF & THE EVAPORATOR IN THE ICE MACHINE AS REQ'D. REFER TO THE MFR'S SHOP DWGS FOR EXACT INSTALL. & INTERCONNECTION RQMTS. PRIOR TO ROUGH-IN INSTALL.
- 13 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE. MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.

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

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

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END. MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY.: AJR  
 JOB NO.: 2021088.17

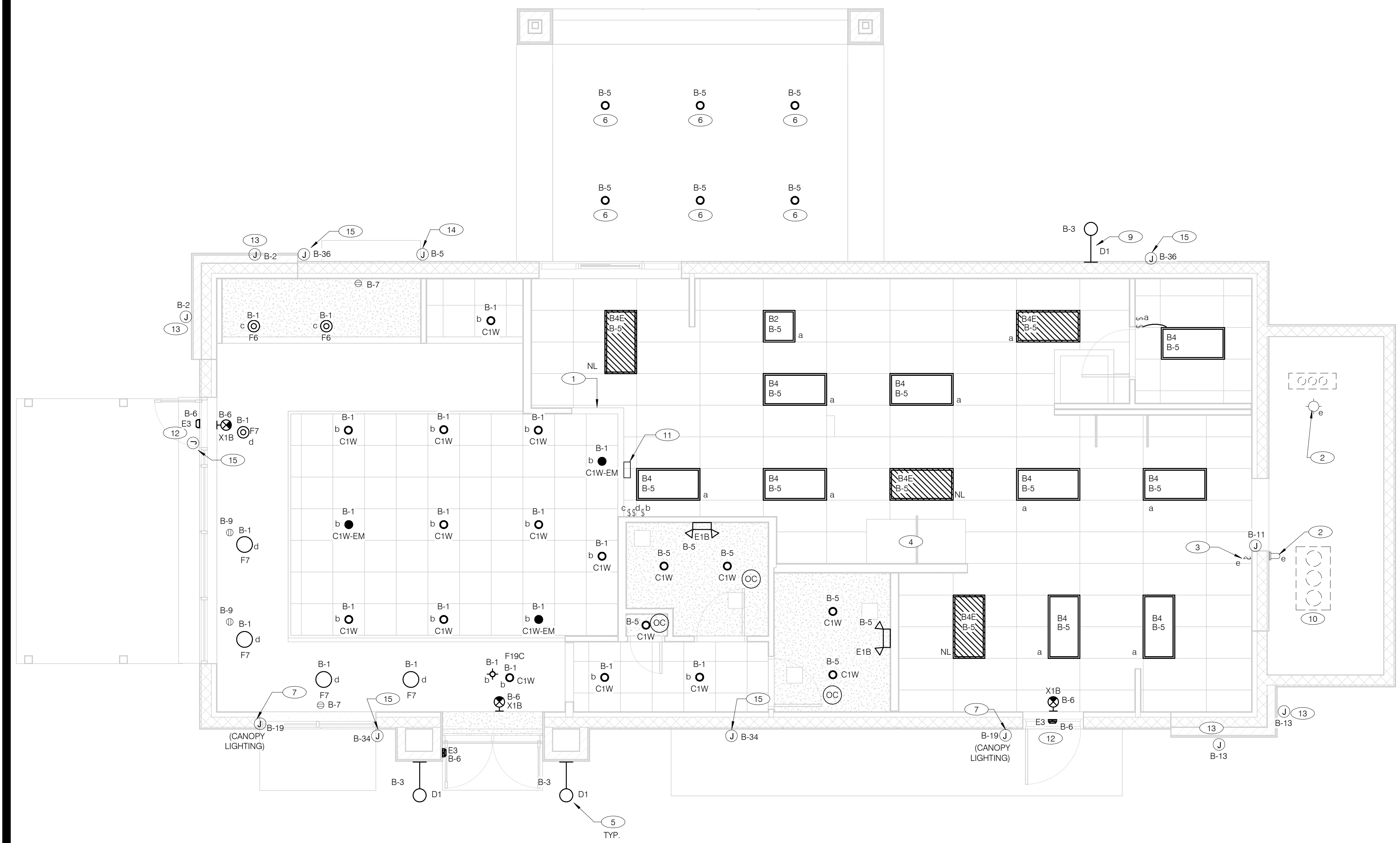
**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



**ENDEAVOR 2.0  
 ELECTRICAL  
 POWER ROOF  
 PLAN**

**E3.2**

PLOT DATE: 9/7/2022 7:35:28 AM



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

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

NO.	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP #/TYPE	BALLAST TYPE	ELECTRICAL DATA	REMARKS
A	LSI INDUSTRIES	MRM-LED-12L-SIL-FT-40-70CRI-HL	LED POLE LIGHT	22' LIGHT POLE	LED		120 V/1-187 VA	-
B	LSI INDUSTRIES	MRM-LED-24L-SIL-FT-40-70CRI	LED POLE LIGHT		LED	NA	120 V/1-187 VA	-
B2	ABB	FLP22-D53W40	2X2 LED TROFFER		LED		120 V/1-45 VA	-
B4	ABB	FLP24-D53W40	2X4 LED TROFFER		LED		120 V/1-45 VA	-
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER		LED		120 V/1-45 VA	PROVIDE 90 MIN. BACK UP BATTERY
C1W	MAXLITE	B6IC-AT-W-LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	-
C1W-EM	MAXLITE	B6IC-AT-W-LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	PROVIDE 90 MIN. BACK UP BATTERY
D1	TROY	B2772	17"X14" WALL MOUNT SCONCE, OLD SILVER FINISH, MEDIUM BASE SOCKET, 100 WATT MAX		LED9A19D2527K		120 V/1-60 VA	ALIGN BOTTOM OF FIXTURE'S MOUNTING WITH CHANGE IN EIFS THICKNESS
E1B	ELITE	ELM-809-B	EMERGENCY LIGHT FROG EYE - BLACK	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E3	LITHONIA	AFF-PEL-DOBXTD-UVOLT-LTP-SDR T-WT-CW	SELF-POWERED EMERGENCY WALLPACK W/ PHOTOCELL	8'-6"	LED	EM	120 V/1-20 VA	-
F6	KICHLER	438520Z	9.75" GLASS PENDANT AVERY WITH MED BASE SOCKET RATED 100W MAX OLDE BRONZE FINISH	PENDANT, 6'-0" A.F.F.	1/LED AAMSCO LED-8W-ST64HYBRID-DIM	NA	120 V/1-100 VA	PLACEHOLDER INCLUDES LAMP
F7	HI-LITES	H24212-96-CB15-20WLBL-60P	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0D27K	NA	-	-
F19C	SPECTRUM LIGHTING	SPC0304INC-MWL(25W)PAR20-CM-180-MB	LED PENDANT - 3"	PENDANT, 6'-0" A.F.F.	1/LED LR20/40/27K/975/BK	NA	120 V/1-9 VA	-
X1B	LIGHTALARMS	GRANNRB	LED UNIVERSAL MNTG THERMOPLASTIC EXIT, RED LETTERS, BLACK HSNQ	UNIVERSAL	-LED	EM	120 V/1-3 VA	-

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

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

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
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**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787

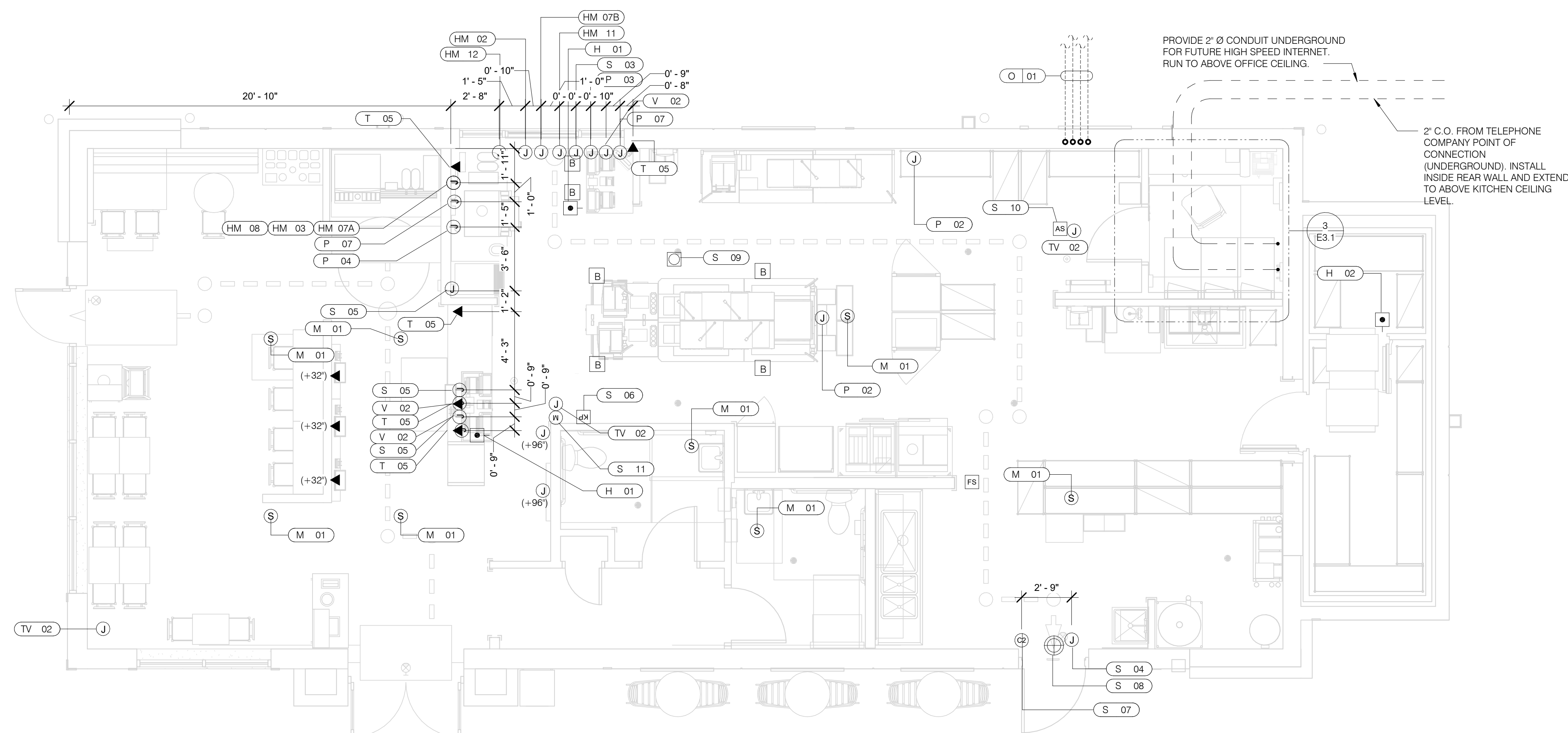


**ENDEAVOR 2.0 LIGHTING PLAN AND DETAILS**

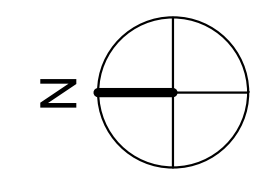
**E4.0**

PLOT DATE: 9/7/2022 7:35:30 AM





**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**

DATE	REMARKS

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
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DRAWN BY.: AJR  
JOB NO.: 2021088.17

**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787



**ENDEAVOR 2.0 COMMUNICATIONS PLAN**

**E5.0**  
PLOT DATE: 9/7/2022 7:35:32 AM

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

**COMMUNICATIONS LEGEND** NTS **C**

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

**COMMUNICATIONS NOTES** NTS **B**

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

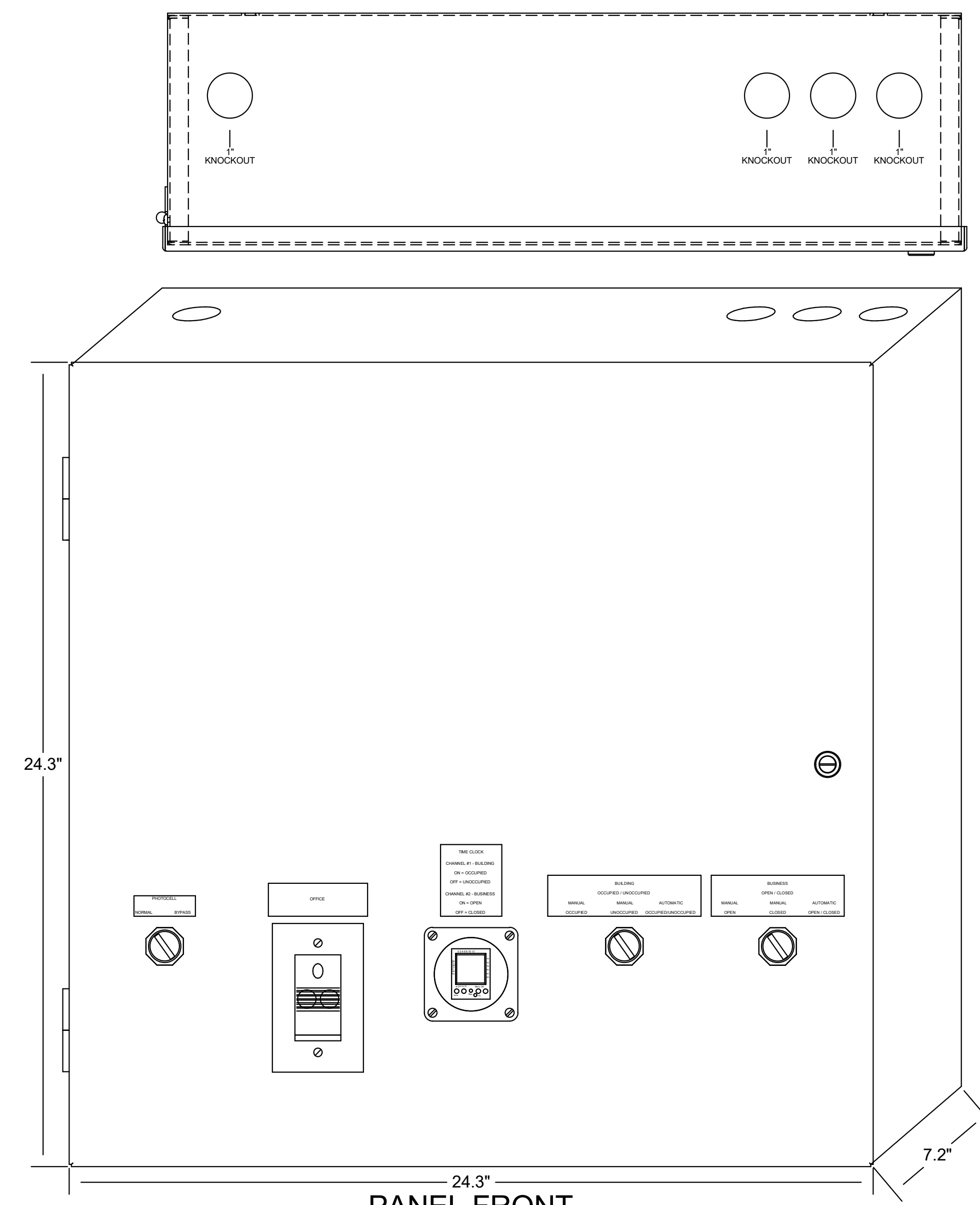
COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
T	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T	05	P.O.S. PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
TV	02	SECURITY CAMERA	+96" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD (6 TOTAL).
V	02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.
S	01	J-BOX SECURITY SYSTEMS	+48" A.F.F.	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR
T	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
HM	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES
O	01	(4) 1" DATA CONDUITS	CEILING	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DETAIL 3/7.0
HM	04	OCB SWITCH	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES
T	01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+24" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.
TV	01	CLOSED CIRCUIT TELEVISION (CCTV)		CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI DOME CAMERA MTD. ON BACK SIDE OF BULKHEAD (7 TOTAL)



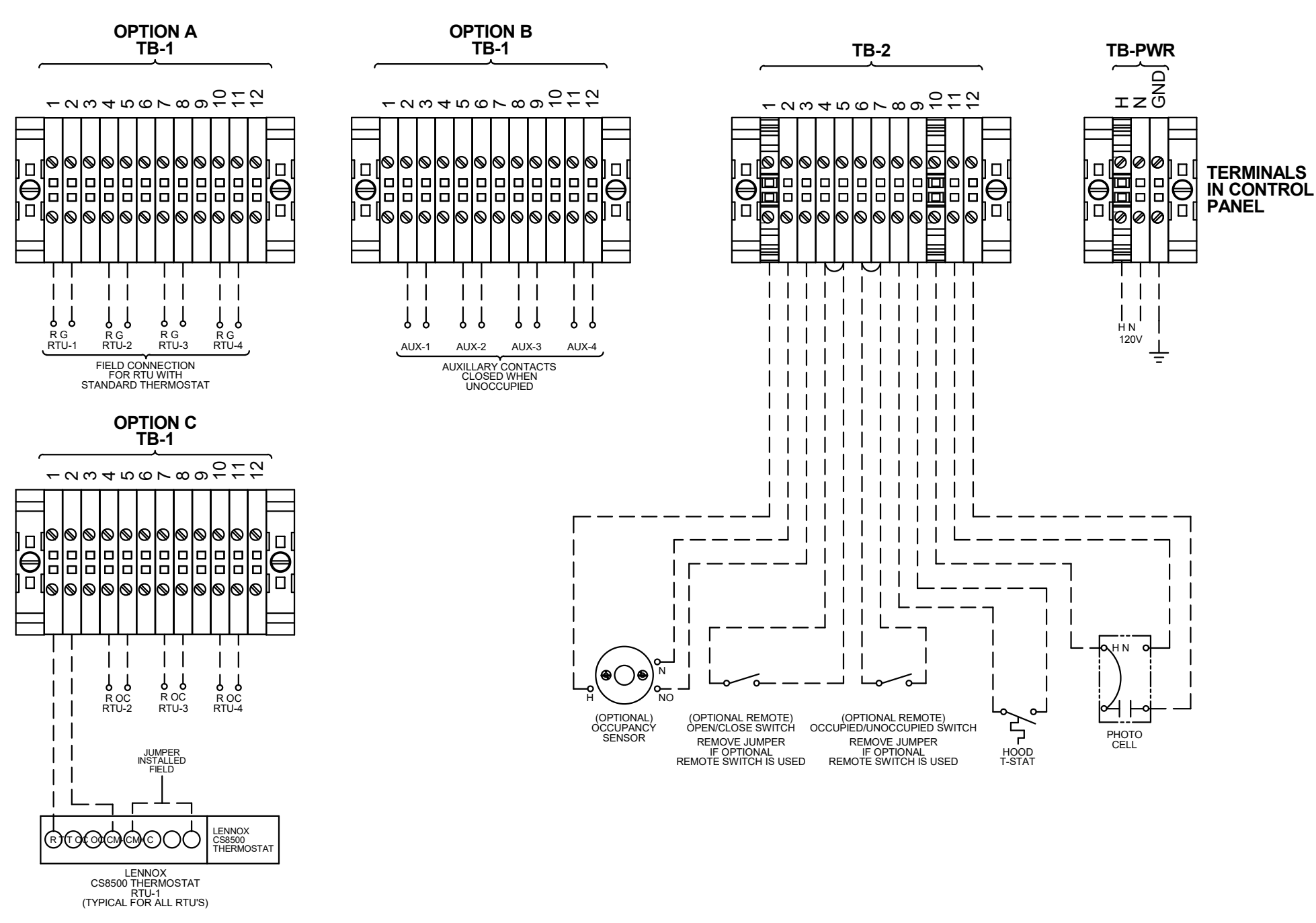
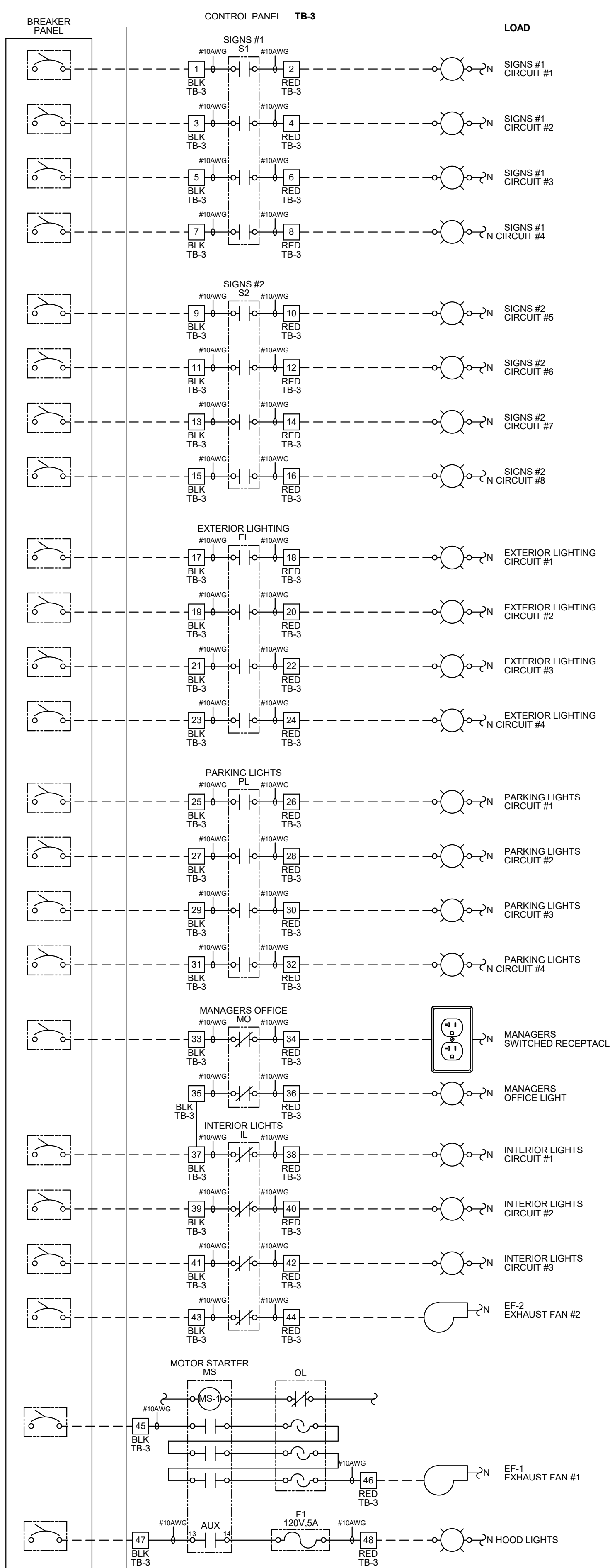


# TBCCB-3-WOS

FOR REFERENCE ONLY



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



--- 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

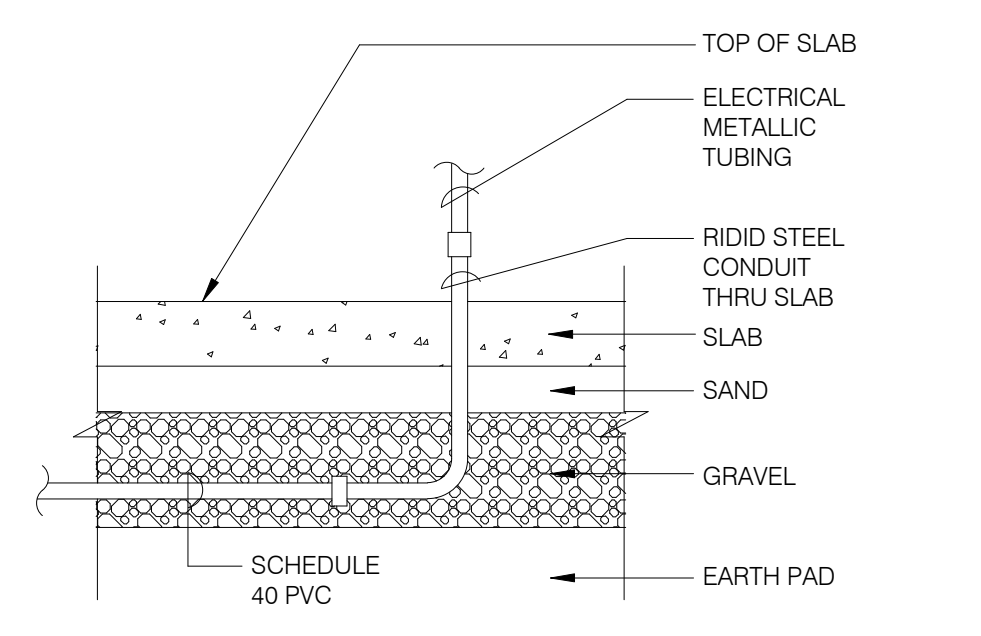
DATE	REMARKS

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: AJR  
JOB NO.: 2021088.17

**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787

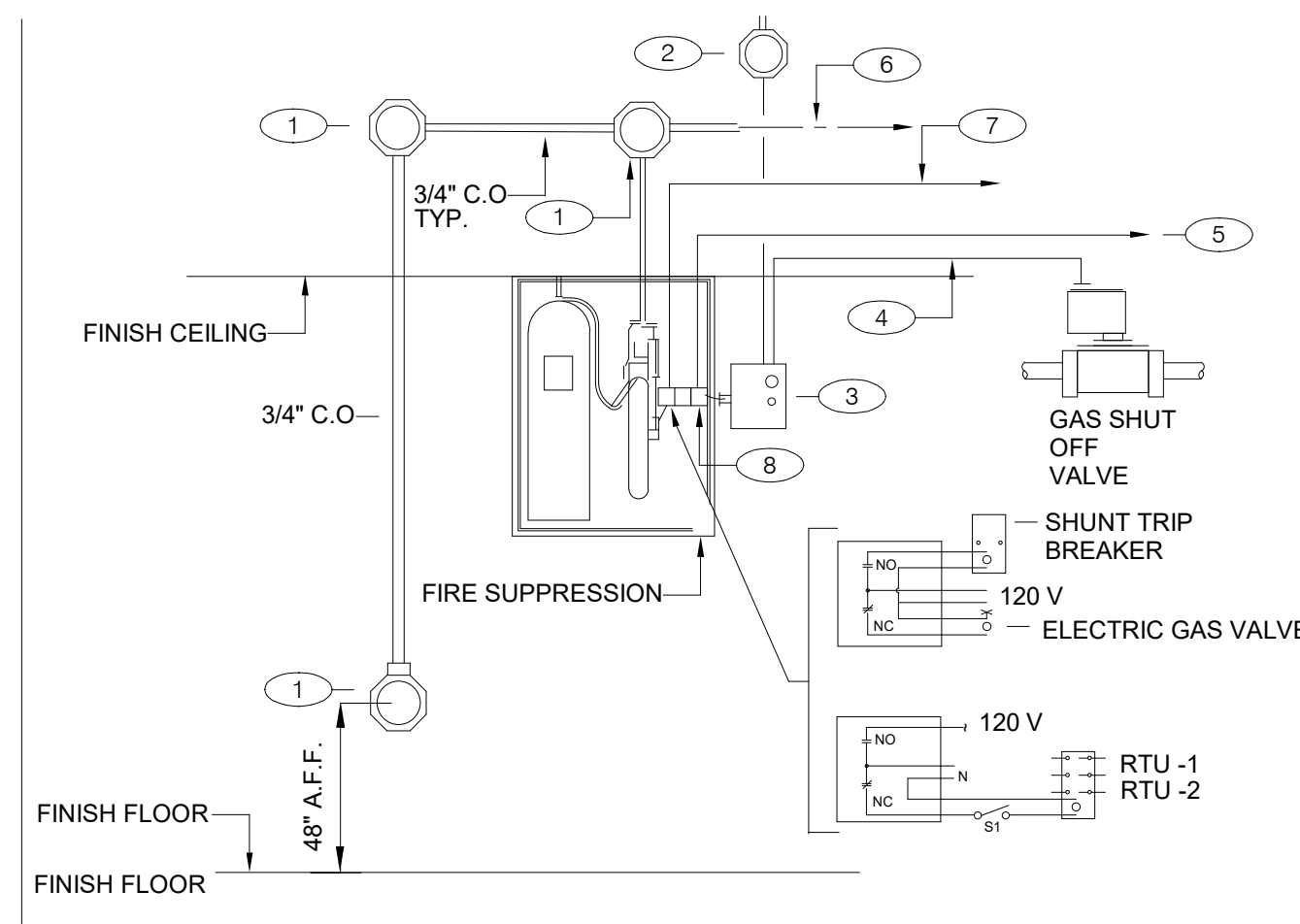
**TACO BELL**  
E.N.D.E.A.V.O.R 2.0  
**ELECTRICAL  
DETAILS -  
TBCCB**

**E6.1**  
PLOT DATE: 9/7/2022 7:35:32 AM



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

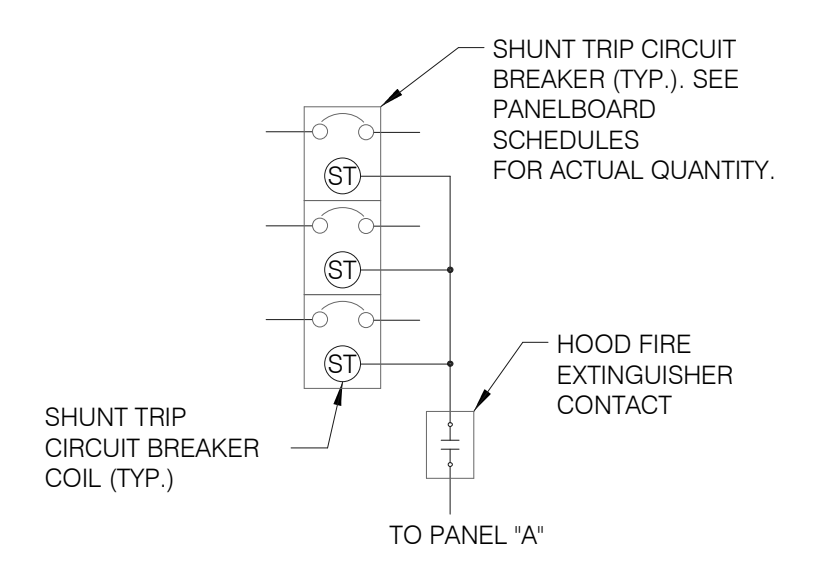
**UNDER SLAB CONDUIT** N.T.S. **7**



**GENERAL NOTES:**  
1. REFER TO SHEET M3.0

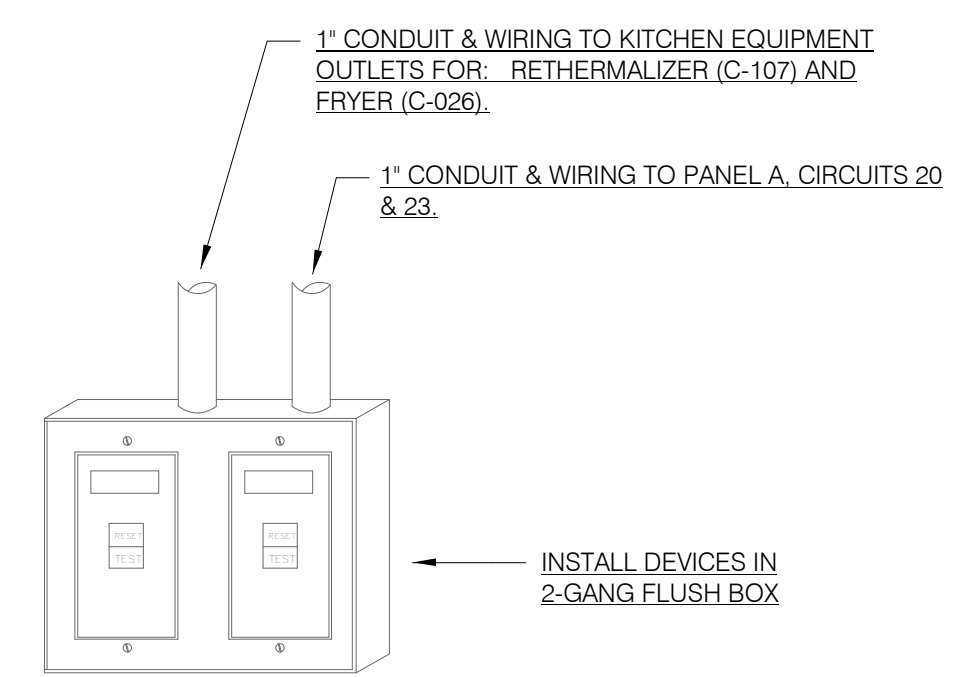
**KEY NOTES:**  
1. PROVIDE 4" OCTAGONAL J-BOX.  
2. PROVIDE J-BOX, AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. CONNECT TO TBANS. SEE SHEET 7.1.  
3. TBANS INSTALLED BY ELECTRICAL CONTRACTOR.  
4. PROVIDE CONNECTIONS TO TBANS BOX FOR HOOD SHUTDOWN. SEE SHEET E7.1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

**FIRE SUPPRESSION SYSTEM WIRING DIAGRAM** N.T.S. **4**



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

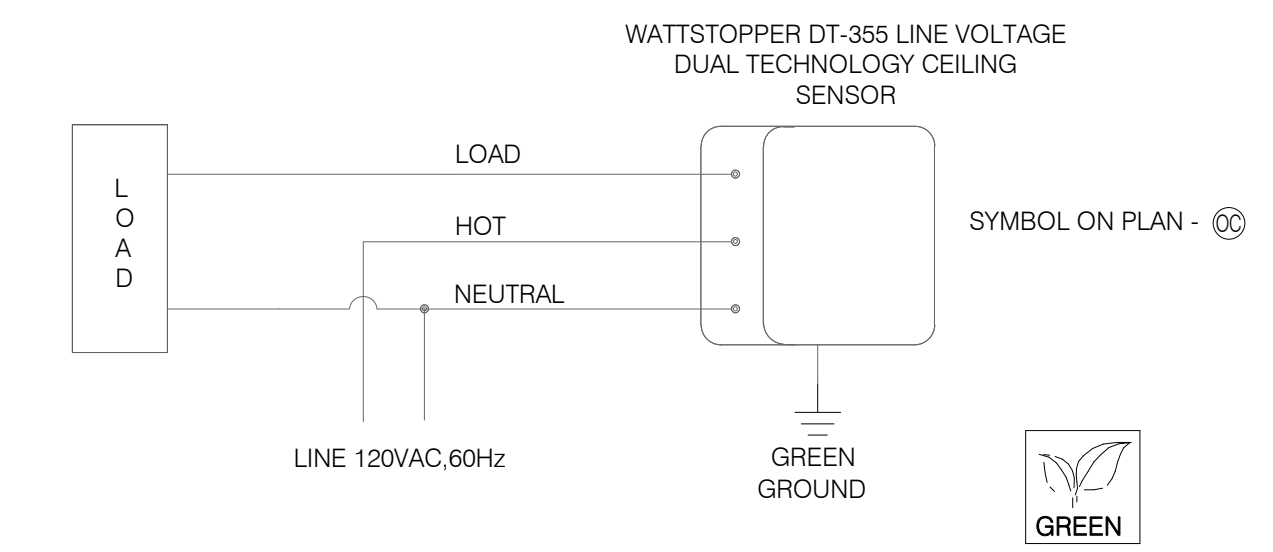
**SHUNT TRIP DETAIL** N.T.S. **1**



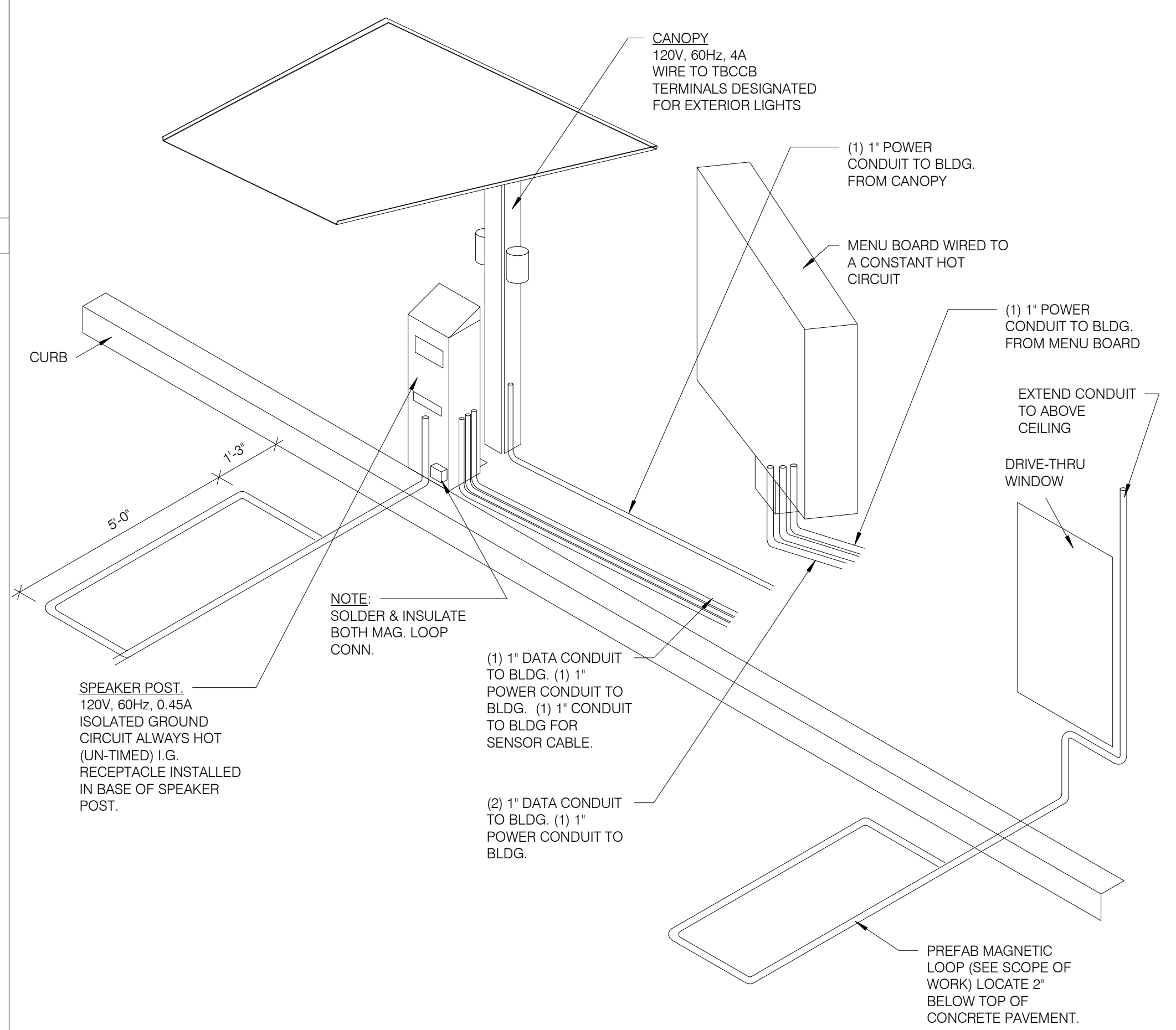
**NOTES:**  
1. DEAD FRONT GFCI DEVICES ARE REQUIRED FOR KITCHEN EQUIPMENT REQUIRING BOTH A SHUNT TRIP BREAKER AND GFCI PROTECTION.  
2. REFER TO SHEET E3.0 FOR LOCATION OF DEAD FRONT GFCI DEVICES.  
3. PROVIDE LABEL ON DEVICES WITH CIRCUIT NUMBER AND LOAD DESIGNATION.

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

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



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



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

DATE	REMARKS

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
STORE NUMBER: 455564  
PA/PM: JW  
DRAWN BY.: AJR  
JOB NO.: 2021088.17

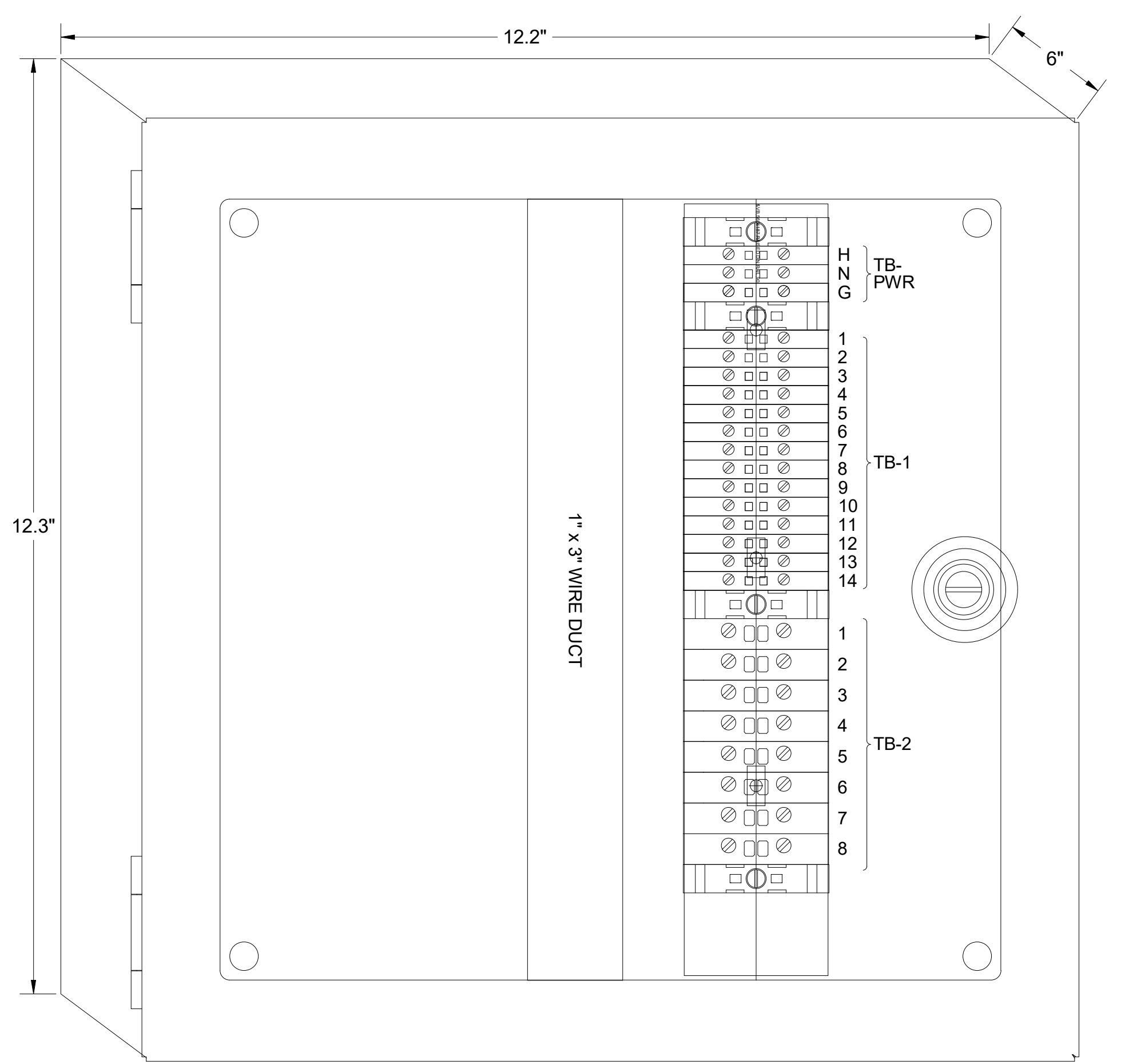
**TACO BELL**  
5201 Hamlin Groves Trail  
Winter Garden, FL 34787



**ENDEAVOR 2.0  
ELECTRICAL  
DETAILS**

**E7.0**

PLOT DATE: 9/7/2022 7:35:33 AM

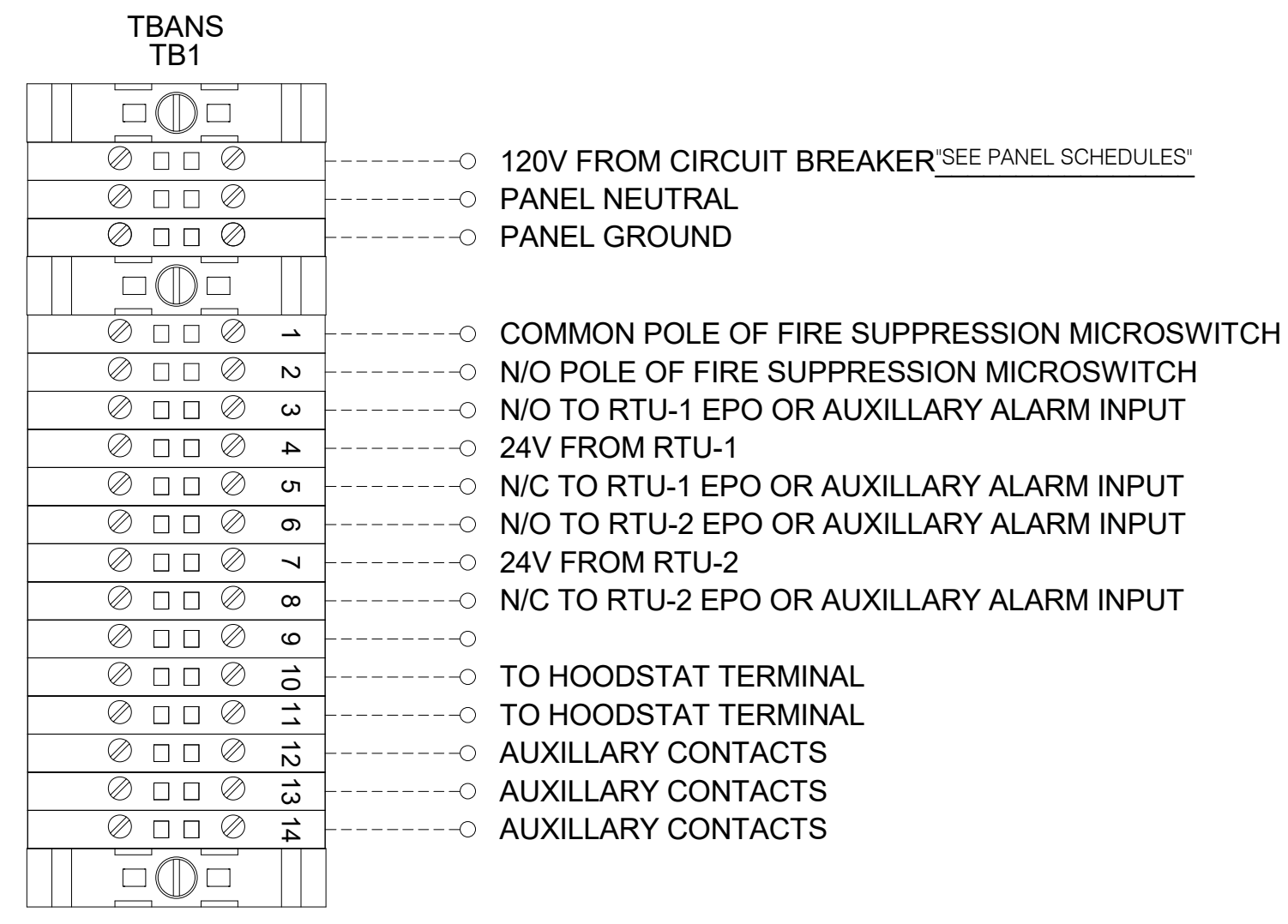


**1** TBANS PANEL DIMENSIONS NTS

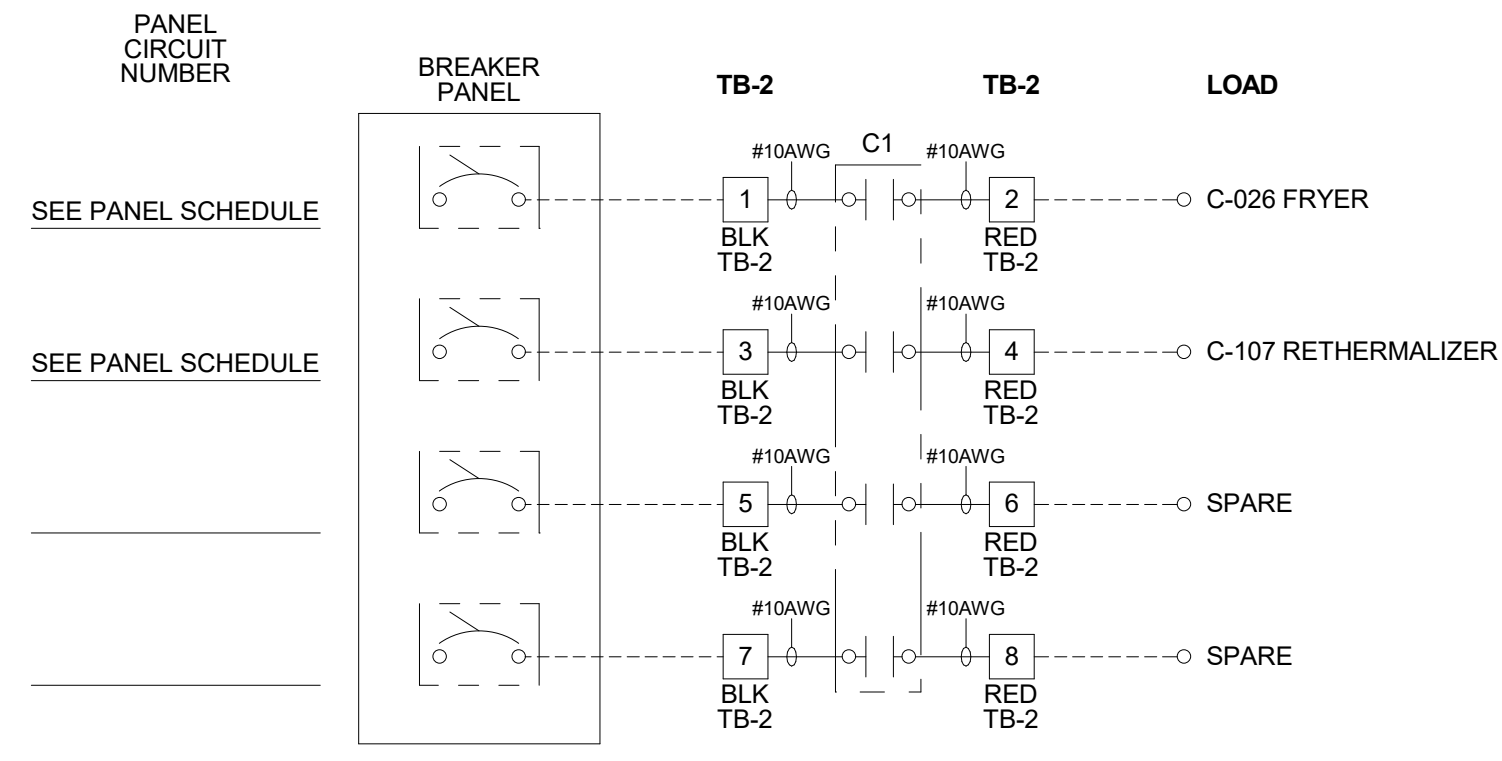
**SEQUENCE OF OPERATION:**  
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

**CONTROL BOX**  
TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBANS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.  
NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO  
VERIFY INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.  
PRIMARY CONTACT: CHUCK MCCABE  
PHONE: 949 770 2222  
EMAIL: [INFO@ACE-EMS.COM](mailto:INFO@ACE-EMS.COM)

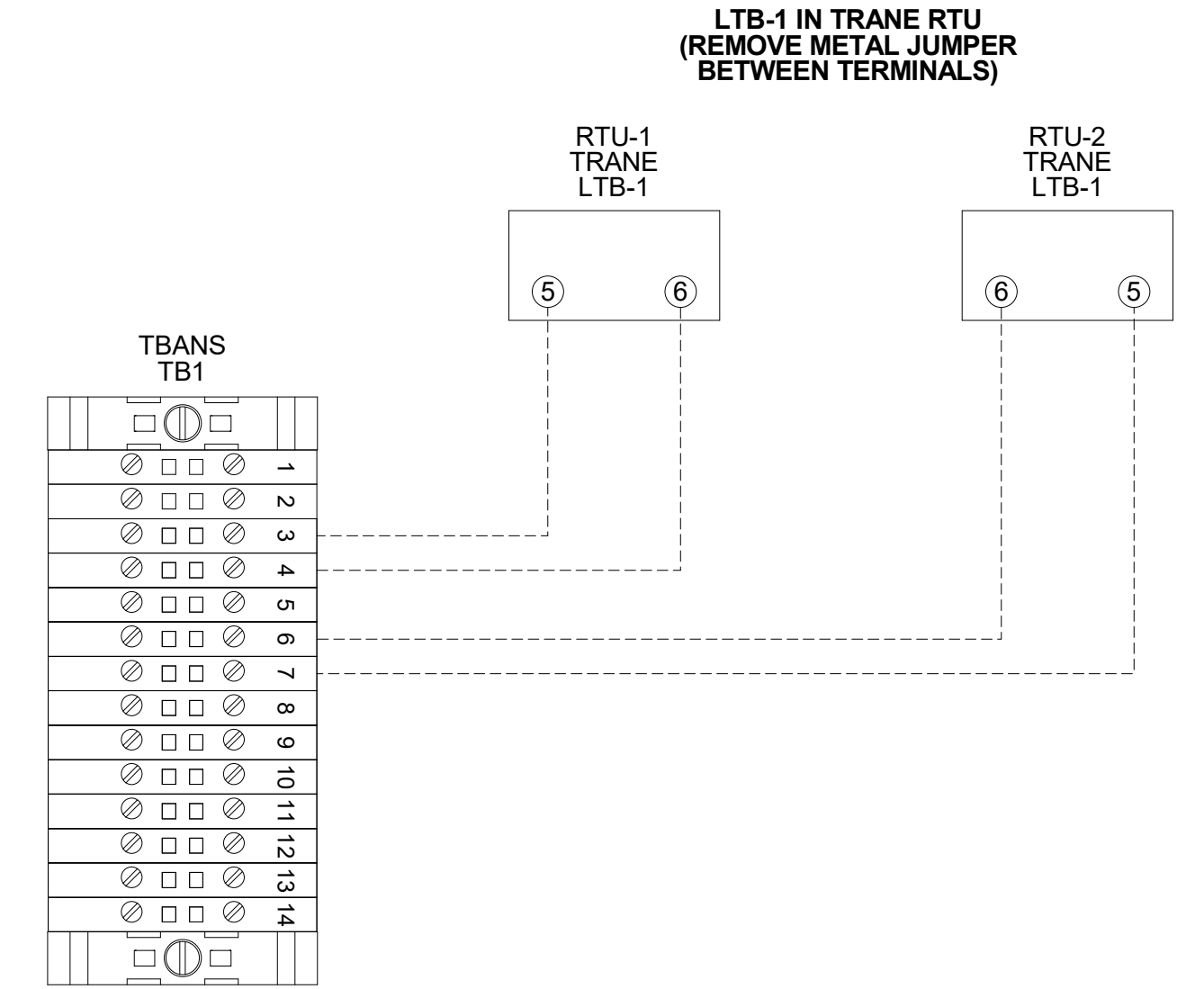
TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0 CONTACT [CERTIFY@ACE-BCX.COM](mailto:CERTIFY@ACE-BCX.COM) OR (949)-770-2222



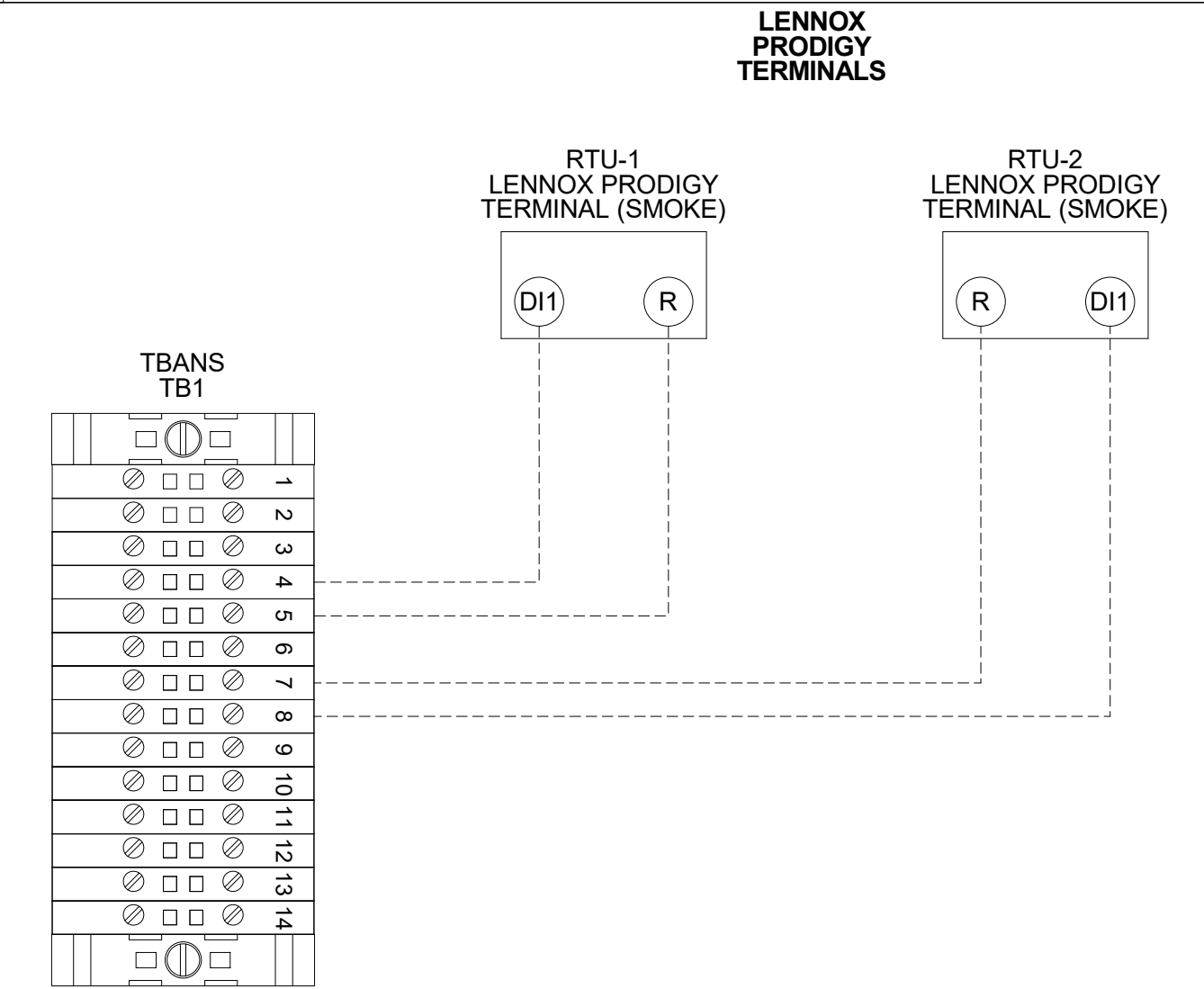
**2** TBANS FIELD CONNECTIONS - VARIOUS NTS



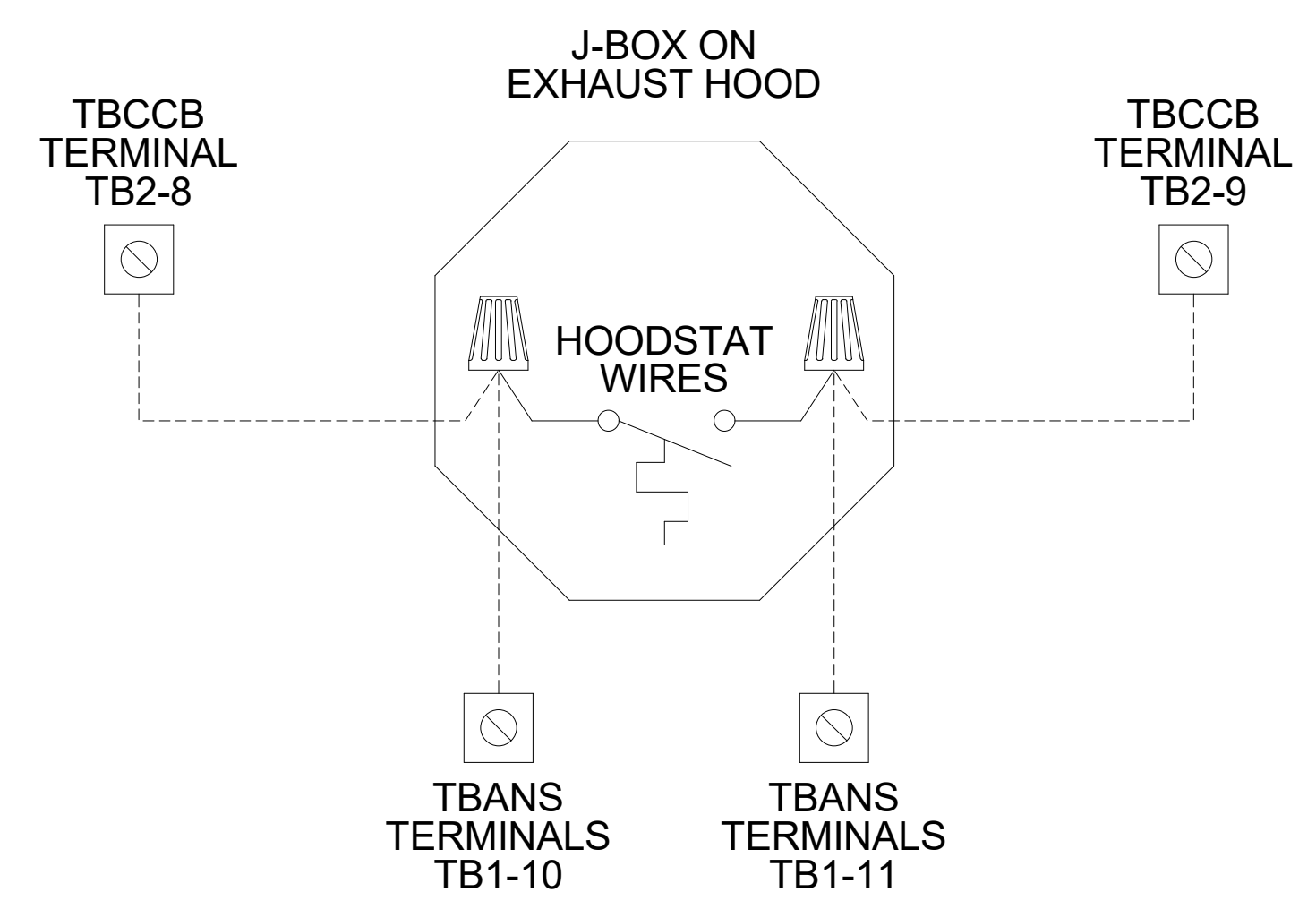
**3** TBANS FIELD CONNECTIONS - APPLIANCES NTS



**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

CONTRACT DATE: 01.25.22  
BUILDING TYPE: END, MED20  
PLAN VERSION: MARCH 2021  
BRAND DESIGNER: DICKSON  
SITE NUMBER: 314877  
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PA/PM: JW  
DRAWN BY: AJR  
JOB NO.: 2021088.17

TACO BELL

5201 Hamlin Groves Trail  
Winter Garden, FL 34787



ENDEAVOR 2.0  
ELECTRICAL  
DETAILS

E7.1

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

Mark S. Salopek, LLC

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

DATE	REMARKS
09.06.22	Issued for Construction

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END, MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: SM  
 DRAWN BY.: RS  
 JOB NO.: 2021088.17

TACO BELL

5201 HAMLIN GROVES TRAIL  
WINTER GARDEN, FL 34787



ENDEAVOR 2.0  
SCOPE OF WORK

SW1.0

PLOT DATE: 9/7/2022 6:50:59 AM



GPD GROUP, INC.  
LIC. # - 30920

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

Standard RTU	Multi-Speed RTU	Reference #	PROCESS							Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
			GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)			
		1									
		2	X	X							
		3	X	X							
		4	X	X							
		5	X	X							
		6	X	X							
		7	X	X							
		8	X	X							
		9	X	X							
		10	X	X							
		11	X	X							
		12	X	X							
		13	X	X							
		14	X	X							
		15	X	X							
		16	X	X							
		17	X	X							
		18	X	X							
		19									
		20	X	X							
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		23	X	X							
		24	X	X							
		25									
		26									
		27									
		28									
		29	X	X							
		30	X	X							
		31	X	X							
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		37	X	X							
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		40	X	X							
		41	X	X							
		42	X	X							
		43	X	X							
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		64	X	X							
		65									
		66									
		67	X	X							
		68	X	X							

Standard RTU	Multi-Speed RTU	Reference #	PROCESS							Remarks	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)
			GC - General Contractor	EC - Electrical Contractor	MC-Mechanical Contractor	PC-Plumbing Contractor	AB-Air Balance Agency	CA-Commissioning Agent Functional Verification (CA Contracted by Owner)			
		69									
		70									
		71	X	X							
		72	X	X							
		73	X	X							
		74	X	X							
		75	X	X							
		76	X	X							
		77	X	X							
		78									
		79									
		80									
		81	X	X							
		82	X	X							
		83	X	X							
		84	X	X							
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		89	X	X							
		90	X	X							
		91	X	X							
		92									
		93									
		94									
		95	X	X							
		96	X	X							
		97	X	X							
		98	X	X							
		99	X	X							
		100	X	X							
		101	X	X							
		102	X	X							
		103	X	X							
		104									
		105									
		106	X	X							
		107	X	X							
		108	X	X							
		109	X	X							
		110	X	X							
		111	X	X							
		112									
		113									
		114									
		115	X	X							
		116	X	X							
		117	X	X							
		118	X	X							
		119	X	X							
		120	X	X							
		121	X	X							
		122	X	X							
		123									
		124									
		125	X	X							
		126									
		127									
		128	X	X							
		129	X	X							
		130	X	X							
		131	X	X							
		132	X	X							
		133	X	X							
		134	X	X							
		135	X	X							
		136	X	X							
		137	X	X							
		138	X	X							

DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END.MED20  
 PLAN VERSION: MARCH 2021  
 BRAND DESIGNER: DICKSON  
 SITE NUMBER: 314877  
 STORE NUMBER: 455564  
 PA/PM: JW  
 DRAWN BY.:  
 JOB NO.: 2021088.17

TACO BELL  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



ENDEAVOR 2.0  
 INSTALLATION  
 START-UP  
 PRE-COMM  
 CHECK LIST

SW2.0

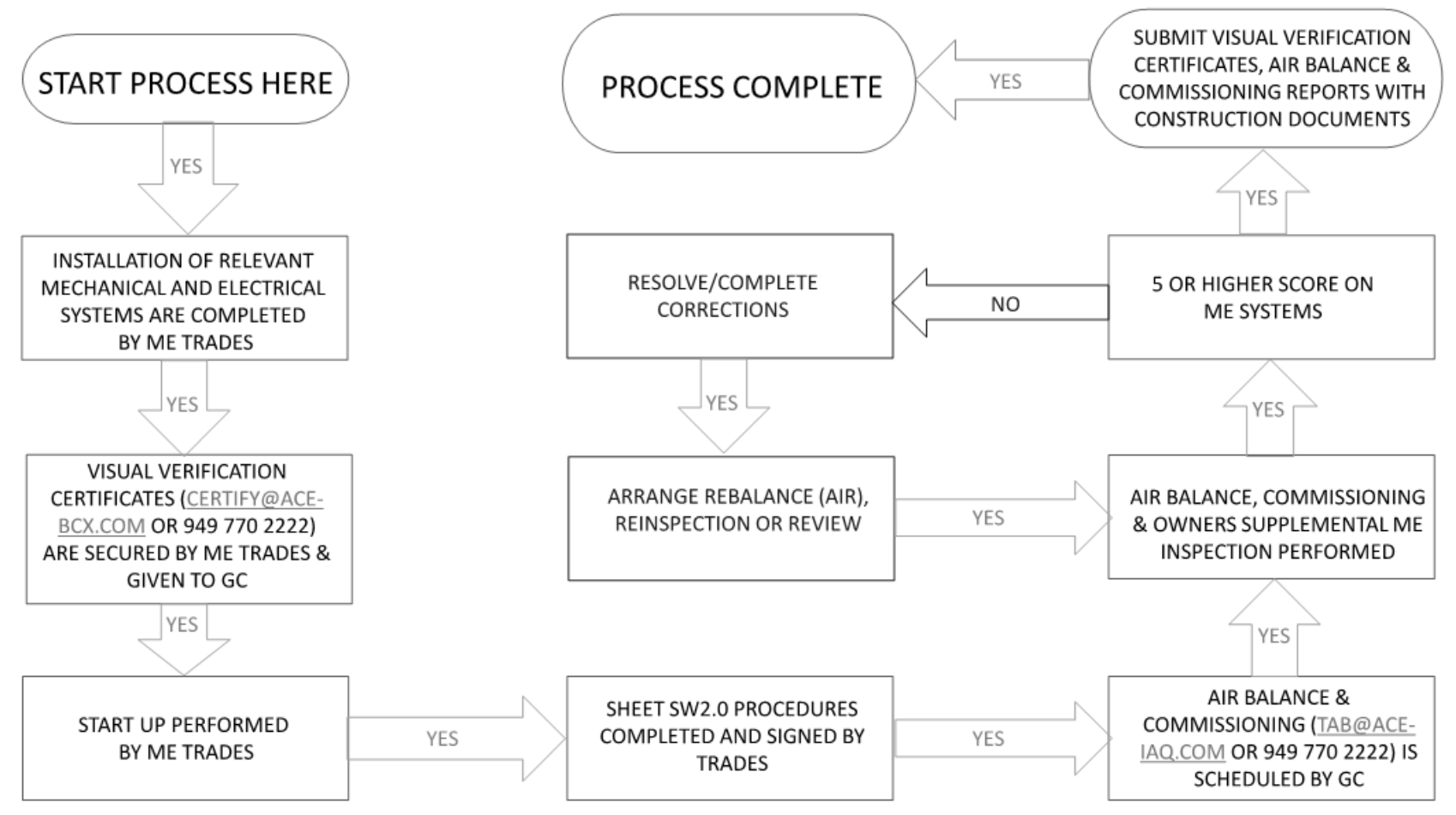
C:\Users\mih\Documents\TB 314877\White Garden FL MEP - Runup1.rvt



**GPD GROUP, INC.**  
L.I.C. # - 30920

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

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



DATE	REMARKS

CONTRACT DATE: 01.25.22  
 BUILDING TYPE: END. MED20  
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**TACO BELL**  
 5201 Hamlin Groves Trail  
 Winter Garden, FL 34787



ENDEAVOR 2.0  
**BALANCING AND COMMISSIONING SEQUENCE**

**SW2.1**

PLOT DATE: 9/7/2022 7:35:49 AM