

ABBREVIATIONS

Table of abbreviations including AC, ACT, ADJ, AMP, ARCH, BOH, CAB, CL, CLG, CM, CTR, CX, CXA, DEG, DET, DIA, DIM, DM, STARBUCKS, DN, EA, EL, EQ, EXIST, EXT, FF&E, FLR, FOH, FOIC, FOIO, FT, G, GC, GWB, HC, HDW, HM, HORIZ, HR, HT, HVAC, I.D., LEED, LL, LV, MAX, MEP, MFR, MIN, NIC, NL, NTS, OC, O.D., PIR, PLC, R, REF, REQ'D, REV, RND, SB, SC, SF, SHT, SIM, SPEC, SQ, TEMP, TYP, UC, UNO, VERT, VIF.

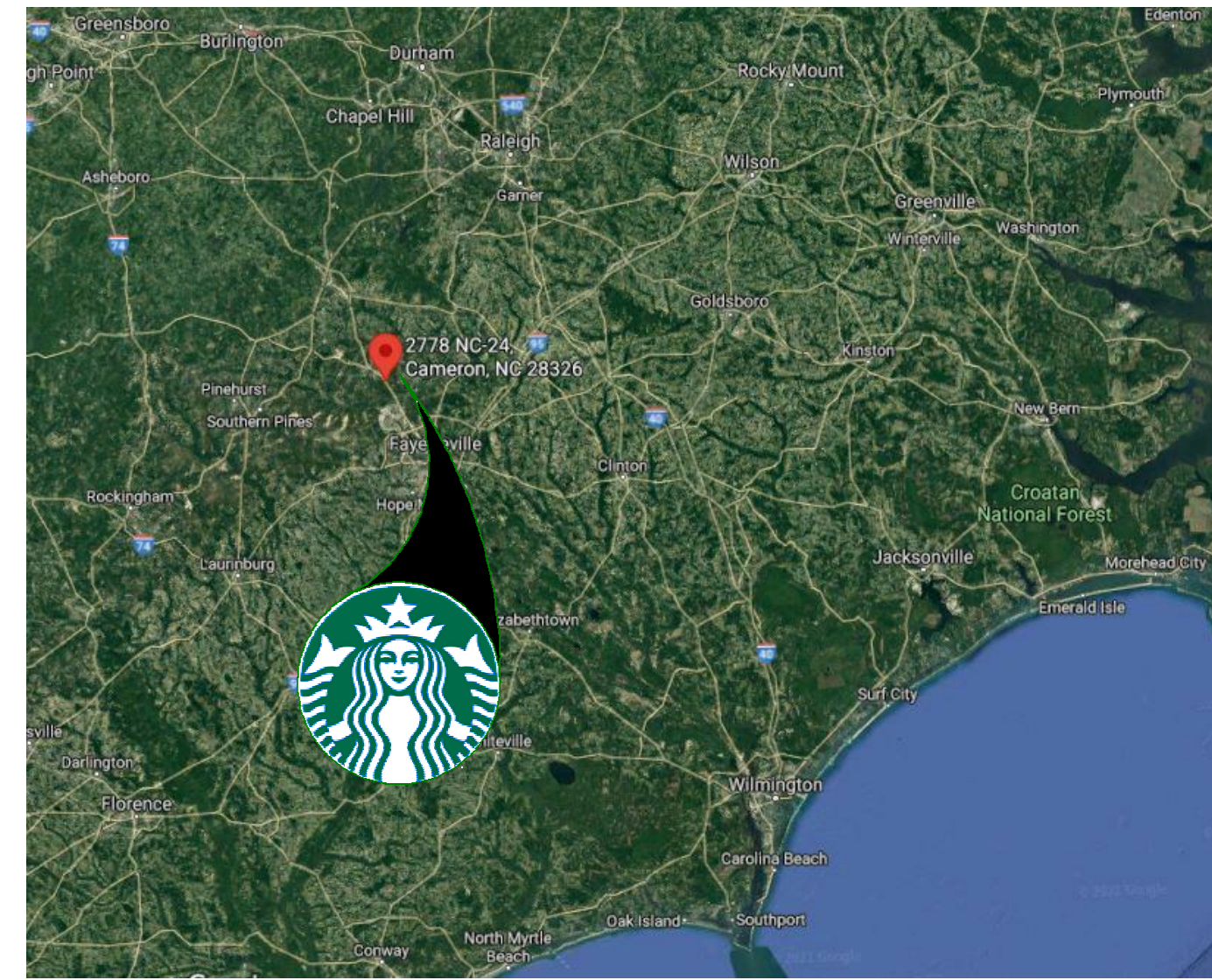
RESPONSIBILITY LEGEND

Table defining responsibility for GC (General Contractor), LL (Landlord), and SB (Starbucks).

ARCHITECTURAL SYMBOL LEGEND

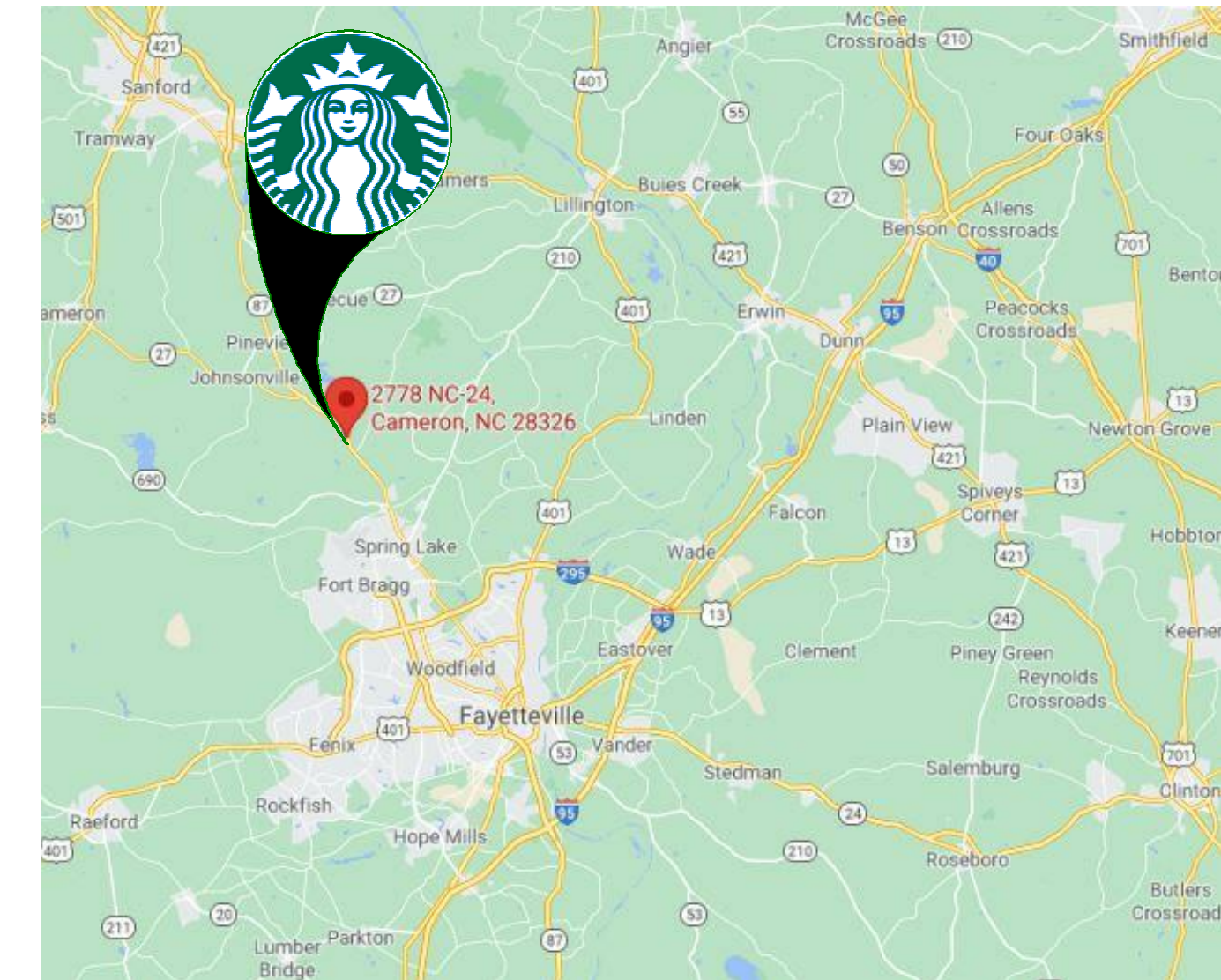
Table of architectural symbols including North Arrow, Graphic Scale, Datum Point, Exterior Elevation Call-out, Interior Elevation Call-out, Section Call-out, Detail Call-out, Sheet Note Callout, Above Finish Floor Height Tag, Finish Face to Finish Face Dimension, Revision Cloud, Revision Tag, Paint Tag, Design ID Tag, Door Tag, Window Tag, Interior Wall Tag.

AERIAL MAP



SOURCE : GOOGLE MAP

VICINITY PLAN



SOURCE : GOOGLE MAP

PROJECT CONTACTS

MAILING ADDRESS: STARBUCKS COFFEE COMPANY, 2401 UTAH AVENUE SOUTH, MS STOP: S-SD10, SEATTLE, WASHINGTON 98134 (206) 318-1575

DESIGN MANAGER: GIDA AVILA, STARBUCKS COFFEE COMPANY, 95 MERRICK WAY SUITE 650, CORAL GABLES, FL 33134 (305) 529-5375

STORE DESIGNER: ASHLEY SUEIRAS, STARBUCKS COFFEE COMPANY, 95 MERRICK WAY SUITE 650, CORAL GABLES, FL 33134 (786) 946-2505

CONSTRUCTION MANAGER: RICK JOHNSON, STARBUCKS COFFEE COMPANY, (404) 991-9837, rjohnson@Starbucks.com

LANDLORD: PRIMAX PROPERTIES, LLC, MIKE ERICKSON, 1100 MOREHEAD STREET, CHARLOTTE, NC 28204, PHONE: 980-938-5471

ARCHITECT OF RECORD: GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION - 52715, 520 SOUTH MAIN STREET, SUITE 2531, AKRON, OH 44311, 330-572-2100

MEP CONSULTANT OF RECORD: GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION - C3879, 520 SOUTH MAIN STREET, SUITE 2531, AKRON, OH 44311, 330-572-2100

STRUCTURAL CONSULTANT: GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION - C3879, 520 SOUTH MAIN STREET, SUITE 2531, AKRON, OH 44311, 330-572-2100

SCOPE OF WORK

NEW PROPOSED TENANT IMPROVEMENT FOR NEW STARBUCKS STORE.

INTERIOR SCOPE OF WORK INCLUDES INTERIOR WALLS, WALL FINISHES, FIXTURES, EQUIPMENT, CASEWORK, AND ACCESSIBLE EMPLOYEE RESTROOM.

NO EXTERIOR SCOPE OF WORK EXCEPT FOR BUILDING SIGNAGE PERMITTED SEPARATELY.

SHELL BUILDING SIGNAGE PERMITTED SEPARATELY BY OTHERS.

GENERAL NOTES

- 1. THE DRAWINGS AND PROJECT MANUAL TOGETHER CONSTITUTE THE CONTRACT DOCUMENTS FOR CONSTRUCTION. ALL GENERAL REQUIREMENTS ARE TO BE MET AND ALL MATERIALS, FINISHES AND SYSTEMS ARE TO BE INSTALLED AND PERFORM PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION.
3. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
4. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
5. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
6. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
7. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILING, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
9. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF PERMIT PLANS ON-SITE TO DOCUMENT ALL CHANGES MADE DURING CONSTRUCTION. THE RECORD DRAWINGS SHALL BE ISSUED TO THE OWNER AT PROJECT CLOSE-OUT AS DESCRIBED IN THE GENERAL REQUIREMENTS OF THE PROJECT MANUAL.
10. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. SEE THE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
11. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
12. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, UNLESS OTHERWISE NOTED.
13. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.

SITE INFORMATION

Table of code authorities including Building Code, Plumbing Code, Mechanical Code, Electrical Code, Energy Code, Fire Code, Health Code, Accessibility Code, Zoning, Parcel Number, Leasable Area, Construction Type, Occupancy Type, and Fire Sprinkler.

INDEX OF SHEETS

Legend table for sheet types: X - SHEET ISSUED, R - SHEET ISSUED FOR REFERENCE AND COORDINATION ONLY.

Table with columns: SHEET, SHEET TITLE, BID SET, PERMIT SET, REVISION 1, REVISION 2, REVISION 3, REVISION 4.

Table listing sheet titles: D-STE-5 DTE DIRECTIONAL SIGNAGE, D-STE-7A DTE MENU BOARDS, D-STE-7B DTE MENU BOARDS, D-STE-8 DTE DOS POST AND CANOPY.

Table listing general information sheets: G001 GENERAL INFORMATION, G002 LIFE SAFETY AND ACCESSIBILITY PLAN, G003 APPENDIX B, G004 3D VIEWS.

Table listing architectural sheets: A001 ARCHITECTURAL SITE PLAN, A003 ARCHITECTURAL SITE DETAILS, A004 ARCHITECTURAL SITE DETAILS, A005 RAILING DETAILS, A101 BUILDING FLOOR PLAN, A102 BUILDING FLOOR PENETRATION PLAN, A103 BUILDING ROOF PLAN, A201 BUILDING EXTERIOR ELEVATIONS, A202 BUILDING EXTERIOR ELEVATIONS, A601 SCHEDULES, A602 WINDOW AND DOOR SCHEDULES & DETAILS.

Table listing interior sheets: I101 FF & E PLAN, I102 CASEWORK PLAN, I102B CASEWORK DETAILS, I103 REFLECTED CEILING PLAN, I103B LIGHTING PLAN, I104 FLOOR FINISH PLAN, I201 INTERIOR FINISH ELEVATIONS, I202 INTERIOR FINISH ELEVATIONS, I203 INTERIOR FINISH ELEVATIONS, I401 RESTROOM PLAN & ELEVATIONS, I501 INTERIOR DETAILS, I502 INTERIOR DETAILS, I503 DESIGN DETAILS, I504 DESIGN DETAILS, I601 CASEWORK AND FF&E SCHEDULES, I602 INTERIOR FINISHES SCHEDULES.

Table listing structural sheets: S001 STRUCTURAL GENERAL NOTES, S101 STRUCTURAL SLAB PLAN, S501 SITE FOUNDATIONS, S502 SITE FOUNDATIONS.

Table listing electrical sheets: E001 ELECTRICAL NOTES, E003 ELECTRICAL SITE PLAN, E101 POWER PLAN, E102 LIGHTING PLAN, E103 ENLARGED ELECTRICAL PLACEMENT PLAN, E104 DATA DEVICE PLAN, E501 ELECTRICAL DETAILS, E502 ELECTRICAL DETAILS, E513 GENERAL ELECTRICAL - EMS, NO LIGHTING, E601 ELECTRICAL PANEL SCHEDULES.

Table listing mechanical sheets: M001 MECHANICAL NOTES, M101 MECHANICAL DESIGN PLAN, M102 MECHANICAL ROOF PLAN, M501 MECHANICAL DETAILS, M601 MECHANICAL SCHEDULES.

Table listing plumbing sheets: P001 PLUMBING NOTES, P101 PLUMBING SUPPLY PLAN, P102 PLUMBING WASTE & VENT PLAN, P103 PLUMBING WASTE & SANITARY ISOMETRIC, P501 PLUMBING DETAILS, P502 PLUMBING DETAILS, P601 PLUMBING SCHEDULES.

Reviewed For Code Compliance By: Roger Sullivan, Deputy Fire Marshal, 10/14/2021 7:48:36 AM



STARBUCKS 2401 UTAH AVENUE SOUTH SEATTLE, WASHINGTON 98134 (206) 318-1575

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STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture Professional Corporation - 52715, 520 SOUTH MAIN ST. SUITE 2531, AKRON, OH 44311, P: 330-572-2100 F: 330-572-2191, GPD PROJECT NO: 2020261.36

Professional Engineer Seal for Mark S. Saloner, No. 52715, State of Ohio, dated 09/02/2021.

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

Table with project details: STORE #, PROJECT #, ISSUE DATE, DESIGN MANAGER, PRODUCTION DESIGNER, CHECKED BY.

Table for Revision Schedule with columns: Rev, Date, By, Description.

SHEET TITLE: GENERAL INFORMATION

SCALE: AS SHOWN

SHEET NUMBER: G001



STARBUCKS
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SEATTLE, WASHINGTON 98134
(206) 318-1575

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STARBUCKS TEMPLATE VERSION: i2021-01-22

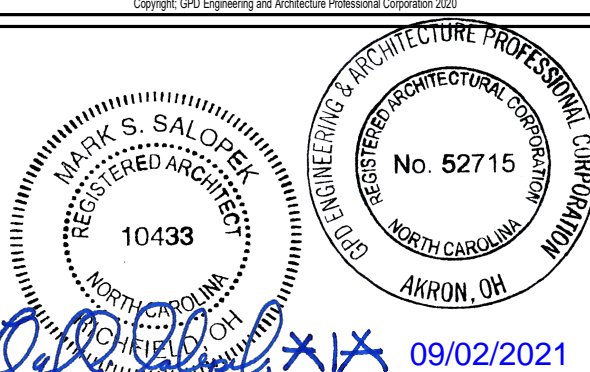


GPD Engineering and Architecture
Professional Corporation - 52715

520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311

P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**LIFE SAFETY AND
ACCESSIBILITY PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
G002

INDOOR SEATING CALCULATIONS			
DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, COMMUNITY	1	8	8
TABLE TOP, ROUND	2	2	4
TABLE TOPS AT BANQUETTE	6	2	12
SOFT SEATING	4	2	8
TOTAL ACCESSIBLE SEATS (≥ 5%)		2	
TOTAL		32	

OUTDOOR SEATING CALCULATIONS			
DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, SQUARE	6	2	12
TABLE TOP, RECTANGLE	2	2	4
TABLE TOP, ROUND	3	2	6
TOTAL ACCESSIBLE SEATS (≥ 5%)		2	
TOTAL		22	

EGRESS CALCULATIONS	
EXIT WIDTH REQUIRED - 60 OCC. x 0.2	= 12 IN.
EXIT WIDTH PROVIDED	= 150 IN.
EXITS	= 72 IN. PRIMARY ENTRY, 36 IN. SECONDARY ENTRY, 42 IN WORKROOM
NUMBER OF EXITS REQUIRED	= 2
NUMBER OF EXITS PROVIDED	= 3
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200' - 0"
MAXIMUM TRAVEL DISTANCE PROVIDED	= 38' - 8"
MINIMUM EXIT SEPARATION	= 87' - 3" (MAXIMUM DIAGONAL) / 2 = 43' - 7 1/2"
EXIT SEPARATION PROVIDED	= 49' - 3 1/4"

PLUMBING FIXTURE CALCULATIONS						
CHAPTER 29-2018 IBC TABLE 2902.1						
OCCUPANCY	MALE	FEMALE	TOTAL	FIXTURES		
30 OCC.	30 OCC.	30 OCC.	60 OCC.			
WATER CLOSETS				URINALS*	LAVATORY	WATER FOUNTAIN**
2 PER 100				1 PER 200	1 PER 100 OR STATION	
REQUIRED	1 M	1 F	0 M	1 M	1 F	0
PROVIDED	1 M	1 F	0 M	1 M	1 F	0

*IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY OCCUPANCIES.
**RETAIL ESTABLISHMENT SERVES WATER UPON REQUEST.

ROOM SCHEDULE	
NAME	AREA
BACKBAR	624 SF
WORKROOM	518 SF
RESTROOM VESTIBULE	119 SF
RESTROOM 1	53 SF
RESTROOM 2	53 SF
CAFE	890 SF
GRAND TOTAL	2258 SF

OCCUPANCY CALCULATIONS	
CAFE: 690 SQ. FT. / 15 SQ. FT. / OCC.	46 OCC.
MERCANTILE: 200 SQ. FT. / 30 SQ. FT. / OCC.	7 OCC.
BAR: 624 SQ. FT. / 200 SQ. FT. /	3 OCC.
WORKROOM: 519 SQ. FT. / 300 SQ. FT. / OCC.	2 OCC.
RESTROOMS: 106 SQ. FT. / 300 SQ. FT. / OCC.	1 OCC.
VESTIBULE: 119 SQ. FT. / 300 SQ. FT. / OCC.	1 OCC.
TOTAL OCC. LOAD:	60 OCC.

HEALTH DEPT. PLAN NOTES

- GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.
- THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS
- WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.
- REFERENCE INTERIOR SCHEDULE SHEETS (1600 SERIES) FOR ADDITIONAL INFORMATION.
- PROVIDE SNEEZE GUARDS WHERE REQUIRED BY JURISDICTION.
- ALL FOOD STORAGE AND DISPLAY SHELVING SHALL BE A MINIMUM 6" (150MM) ABOVE FINISH FLOOR.

KEYED NOTES

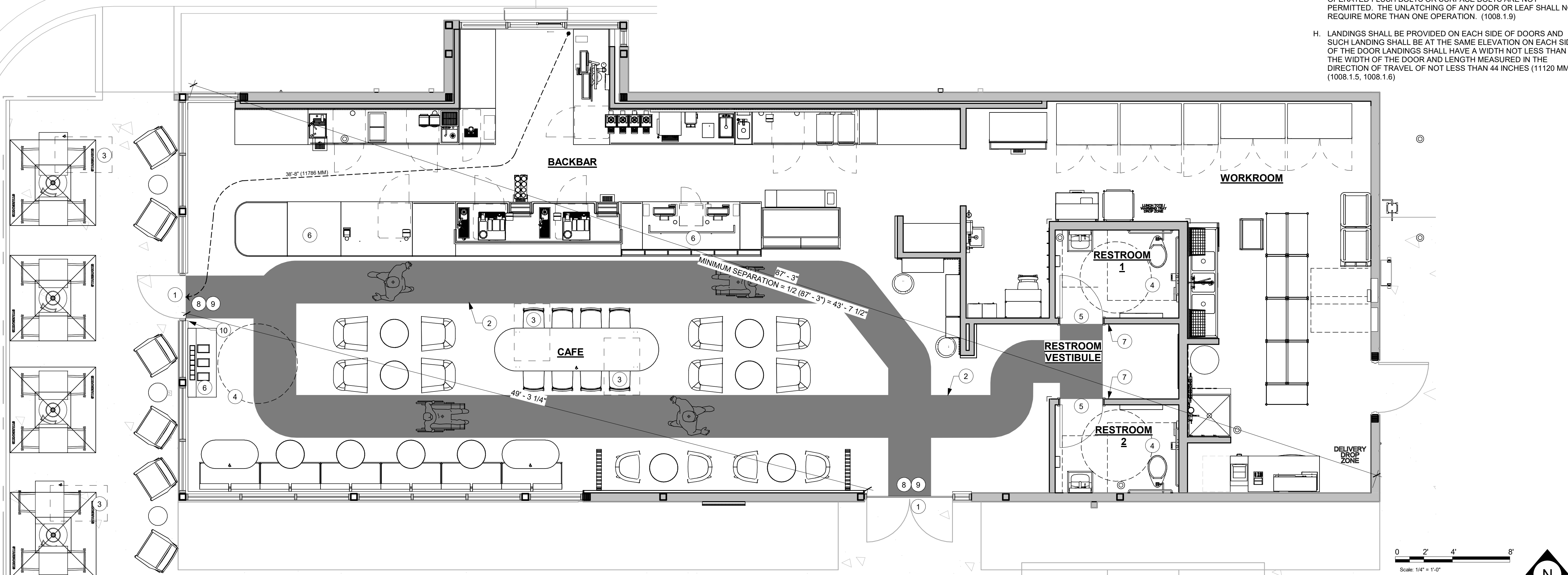
- THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
- BARRIER-FREE PATH OF TRAVEL.
- 30" (160 MM) X 48" (1220 MM) CLEAR FOR WHEELCHAIR ACCESS.
- 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
- 32" (815 MM) MINIMUM CLEAR AT RESTROOM DOOR.
- POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 34 INCHES (860 MM) ABOVE THE FINISHED FLOOR FOR WHEELCHAIR ACCESSIBILITY.
- PROVIDE BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS PER ALL APPLICABLE CODES.
- PROVIDE TACTILE "EXIT" SIGNAGE.
- PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN WHERE REQUIRED BY APPLICABLE LAWS OR CODES.
- ADA EXIT SIGNAGE.

HEALTH DEPT. FINISH SCHEDULE

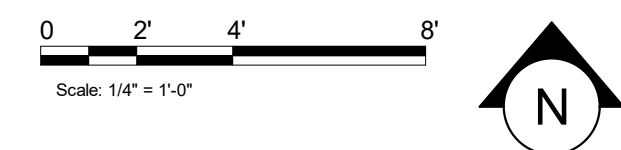
- BAR**
FLOOR: POLYVINYL FLOORING
WALL: WALL TILE, BACKSPLASH, WOOD PLANKS, WITH POLYVINYL BASE
CEILING: GYPSUM CEILING
- CAFE**
FLOOR: CONCRETE STAIN FINISH
WALL: W/ VINYL WALL COVERING, WOOD PLANK
CEILING: GYPSUM CEILING, ACT
- WORKROOM**
FLOOR: POLYVINYL FLOORING
WALL: FRP WITH POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE
- RESTROOM**
FLOOR: CONCRETE STAIN FINISH
WALL: WALL TILE
CEILING: GYPSUM CEILING

LEGEND

- TRAVEL DISTANCE
- BARRIER FREE PATH OF TRAVEL (MIN 3'-0" (915MM) - NO PINCH POINT)
- EMERGENCY LIGHT
- EXIT SIGN
- FIRE EXTINGUISHER
- ADA ACCESSIBLE SEATING 36" (915MM) X 48" (1220MM) CLEAR AREA



1 1ST FLOOR - LIFE SAFETY PLAN
Scale: 1/4" = 1'-0"



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

Name of Project: **Starbucks - Hwy 24 & Brinkley Hill**
Address: **2778 NC-24, Cameron, NC 28236** Zip Code: **27705**
Owner/Authorized Agent: **Mike Erickson** Phone # (**980**) **938 - 5471** E-Mail
Owned By: City/County Private State
Code Enforcement Jurisdiction: City/Cameron County State

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	GPD Engineering and Architecture Professional Corporation - CA2879	Mark S. Salo	48124	(336) 572-2100	msalo@gpdnc.com
Civil	GPD Engineering and Architecture Professional Corporation - CA2879	Steven P. Schaub	48124	(336) 572-2100	sschaub@gpdnc.com
Electrical	GPD Engineering and Architecture Professional Corporation - CA2879	Brian M. Marzly	43099	(336) 572-2100	bmarzly@gpdnc.com
Plumbing	GPD Engineering and Architecture Professional Corporation - CA2879	Brian M. Marzly	43099	(336) 572-2100	bmarzly@gpdnc.com
Mechanical	GPD Engineering and Architecture Professional Corporation - CA2879	Brian M. Marzly	43099	(336) 572-2100	bmarzly@gpdnc.com
Sprinkler-Standard					
Structural					
Retaining Walls >5' High					
Other					

Other should include firms and individuals such as mass, process, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: New Building Addition 1st Time Interior Completions
 Shell/Core* Phased Construction*

*Contact the local inspection jurisdiction for possible additional procedures and requirements.
2018 NC EXISTING BUILDING CODE: Prescriptive Alteration Level I Historic Property (check all that apply) Repair Alteration Level II Change of Use Chapter 14 Alteration Level III

CONSTRUCTED: (date) presently **CURRENT OCCUPANCY(S)** (Ch. 3): **B**
RENOVATED: (date) **PROPOSED OCCUPANCY(S)** (Ch. 3): **B**
OCCUPANCY CATEGORY (Table 1604.5): Current: **V-B** Proposed: **V-B**

BASIC BUILDING DATA
Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B
Sprinklers: No Partial NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Class I II III Wet Dry
Primary Fire District: No Yes **Flood Hazard Area:** No Yes
Special Inspections Required: Yes No If special inspections are required, contact the local inspection jurisdiction for additional procedures and requirements.

2018 NC Administrative Code and Policies

FLOOR	Gross Building Area Table		SUB-TOTAL
	EXISTING (SQ FT)	NEW (SQ FT)	
3 rd Floor			
2 nd Floor			
Mezzanine	2,480 SF	2,480 SF	
1 st Floor			
Basement			
TOTAL	2,480 SF	2,480 SF	

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly A-1 A-2 A-3 A-4 A-5
Business B-1 B-2 B-3 B-4 B-5
Educational E-1 E-2 E-3
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Dehazard H-3 Combust H-4 Health H-5 HPM
Institutional I-1 I-2 I-3 I-4 I-5
Mercantile M-1 M-2 M-3 M-4
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
Utility and Miscellaneous U-1 U-2 U-3 U-4 U-5

Accessory Occupancy Classification(s): **N/A**
Incidental Uses (Table 509): **N/A**
Special Uses (Chapter 4 - List Code Sections): **N/A**
Special Provisions (Chapter 5 - List Code Sections): **N/A**

Mixed Occupancy: No Yes Separation: _____ Hr. Exception: _____
 Non-Separated Use (508.3)
 Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

STORY	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ⁴ AREA	(C) AREA FOR FRONTAGE INCREASE ⁵	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
1	Restaurant	2,480 SF	2,480 SF	N/A	2,480 SF

¹ Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories).
⁴ The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
⁵ Frontage increase is based on the un-sprinklered area value in Table 506.2.

2018 NC Administrative Code and Policies

BUILDING HEIGHT IN FEET (Table 504.3)	ALLOWABLE HEIGHT		CODE REFERENCE
	ALLOWABLE	SHOWN ON PLANS	
Building Height in Feet (Table 504.3)	40'-0"	20'-0"	N/A
Building Height in Stories (Table 504.4)	2	1	N/A

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

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

¹ Indicate section number permitting reduction

2018 NC Administrative Code and Policies

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENING PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
> 30'	UP, NS	No Limit	

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes Partial _____
Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: **G002**

Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on the site plan)
 Exterior wall opening area with respect to distance to assumed property lines (705.8)
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
 Occupant loads for each area
 Exit access travel distances (1017)
 Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
 Dead end lengths (1020.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
 Actual occupant load for each exit door
 A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
 Location of doors with panic hardware (1010.1.10)
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
 Location of doors with electromagnetic egress locks (1010.1.9.9)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1030)
 The square footage of each fire area (202)
 The square footage of each room compartment for Occupancy Classification I-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

2018 NC Administrative Code and Policies



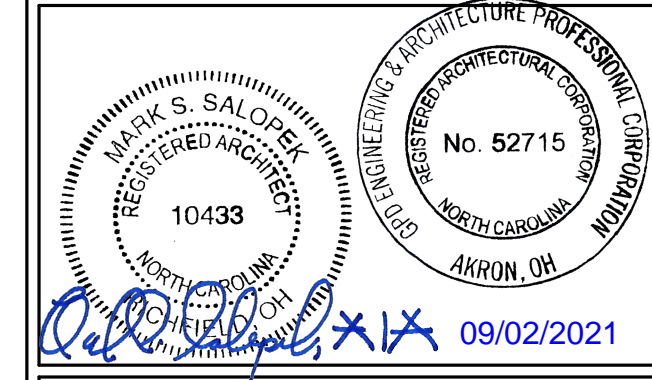
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ARRON, OH 44311
P: 330-572-2100 F: 330-572-2101
GPD PROJECT NO: 2020261.36



PROJECT NAME: **HWY 24 & BRINKLEY HILL**
PROJECT ADDRESS: **2778 NC-24 CAMERON, NC 28236**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE: **APPENDIX B**

SCALE: AS SHOWN

SHEET NUMBER: **G003**

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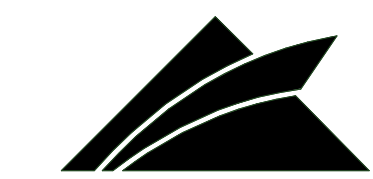


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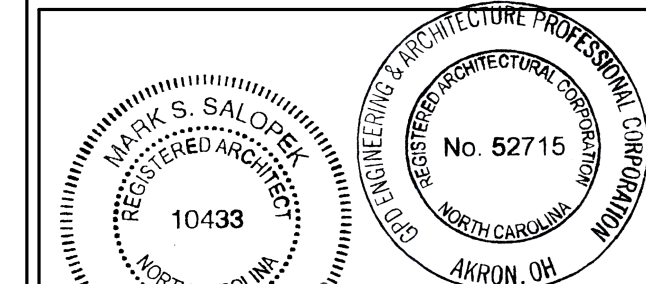
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GPD PROJECT NO: 2020261.36

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Mark S. Salovek 09/02/2021



3 3D View 3
Scale:



4 3D View 4
Scale:



1 3D View 1
Scale:



2 3D View 2
Scale:

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
3D VIEWS

SCALE: AS SHOWN

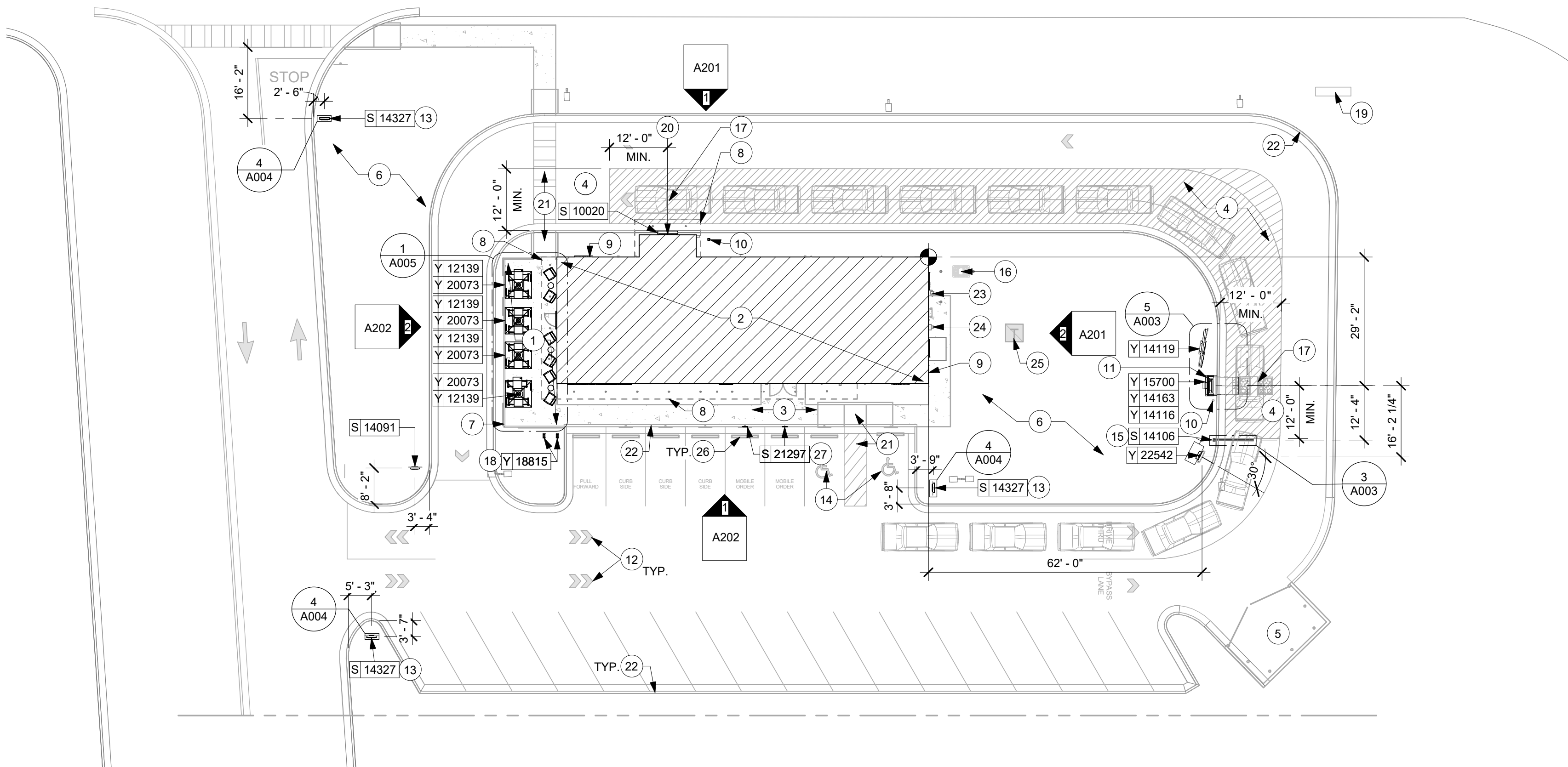
SHEET NUMBER:

G004

9/2/2021 8:54:19 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

SITE SCHEDULE - "Y"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON-ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR: HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



1 1ST FLOOR - SITE PLAN
Scale: 1" = 20'-0"

KEYED NOTES

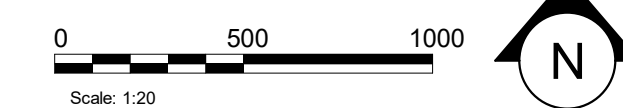
- STARBUCKS PATIO / SEATING AREA.
- HATCH INDICATES STARBUCKS TENANT SPACE.
- SIDEWALKS, BY LL, ENSURE ACCESSIBLE PATH OF TRAVEL TO ENTRY.
- MINIMUM 12'-0" WIDE 6" THICK CONCRETE DRIVE-THRU LANE WITH 6" CURB, EXTEND 12' BEYOND CENTERLINE OF DT WINDOW AND 12' BEFORE ORDER POINT. (BY LL)
- TRASH ENCLOSURE, BY LL.
- LANDSCAPE AREA, BY LL.
- PATIO RAILING, BY LL, REFER TO SHELL CONSTRUCTION DRAWINGS.
- CANOPY ABOVE, BY LL.
- HOSE BIBB (BY LL). LOCATION PER SHELL DRAWINGS. SEE SHELL DRAWINGS FOR ADDITIONAL INFORMATION.
- NON-ILLUMINATED BOLLARD AND FOOTING, BY LL.
- STARBUCKS DRIVE-THRU EQUIPMENT, ASSOCIATED FOUNDATION AND ELECTRICAL CONDUIT WITH PULL STRINGS BY LL, SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DIRECTIONAL GRAPHIC, BY LL.
- SITE DIRECTIONAL SIGNAGE LOCATION, ASSOCIATED FOOTING AND ELECTRICAL CONDUIT WITH PULL STRINGS BY LL, SEE STRUCTURAL AND ELECTRICAL DRAWINGS.
- ACCESSIBLE PARKING SPACES, BY LL, SEE CIVIL PLANS.
- DT CLEARANCE BAR LOCATION, ASSOCIATED FOOTING BY LL.
- PROPOSED LOCATION OF BELOW-GROUND GREASE INTERCEPTOR, BY LL, SEE PLUMBING DRAWINGS.
- DT DETECTOR LOOP AT ORDER POINT AND DT WINDOW, BY LL, SEE ELECTRICAL FOR MORE INFORMATION.
- HOOP BIKE RACK, BY LL. SEE SHELL BUILDING CONSTRUCTION DRAWINGS FOR DETAILS.
- LOCATION OF POLE SIGN BY LANDLORD, ASSOCIATED FOOTING AND ELECTRICAL CONDUIT WITH PULL STRINGS BY G.C., FOOTINGS AND SIGN TO BE DESIGNED AND PERMITTED BY OTHERS UNDER SEPARATE SUBMITTAL.
- DRIVE-THRU WINDOW WITH AIR CURTAIN, BY LL.
- STRIPING AND CURB RAMP BY LL.
- 6" CONCRETE CURB, TYPICAL.
- GAS METER LOCATION BY LL.
- ELECTRICAL CABINET AND METER LOCATION BY LL.
- LOCATION FOR PAD MOUNTED TRANSFORMER, BY LL. CONFIRM WITH UTILITY COMPANY.
- WHEEL STOPS BY LL.
- LOCATION OF MOP CUSTOMER PARKING SIGNAGE.

GENERAL NOTES

- REFER TO EXTERIOR ELEVATIONS ON SHEET A201 FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
- LANDSCAPING TO BE PROVIDED PER ZONING CODE AND SUSTAINABILITY REQUIREMENTS.
- DRIVE-THRU EQUIPMENT INCLUDING VEHICLE DETECTION LOOP, WIRELESS COMMUNICATION AND MONITORS SHALL BE COORDINATED BY STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE, EXTENT TO INCLUDE DRIVE-THRU ENTRY POINT THROUGH WINDOW STANDING PAD.
- GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.
- GENERAL CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND BUILDING CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION.
- PROVIDE DETECTABLE WARNING (IF APPLICABLE PER LOCAL CODE) AT TRANSITION FROM SIDEWALK TO DRIVE AISLE.
- ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS.
- REFER TO ELECTRICAL DRAWINGS FOR SITE RELATED ELECTRICAL WORK.
- SCRAPE AND REPAINT ALL EXISTING PAINTED SITE FEATURES, INCLUDING, BUT NOT LIMITED TO CURBS, BOLLARDS, RAILINGS AND SITE LIGHTING BASES.
- SEE SHEET A002 FOR ARCHITECTURAL SITE DETAILS.

LEGEND

- LANDSCAPE AREA
- NEW CONCRETE WALKWAY
- NEW 6" (150MM) CONCRETE CURB
- CONCRETE DRIVE THRU LANE
- ACCESSIBLE PATH OF TRAVEL



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GPD PROJECT NO: 2020261.36

Professional Engineer Seal: **10433**
Professional Architect Seal: **No. 52715**
Date: **09/02/2021**

PROJECT NAME:
HWY 24 & BRINKLEY HILL

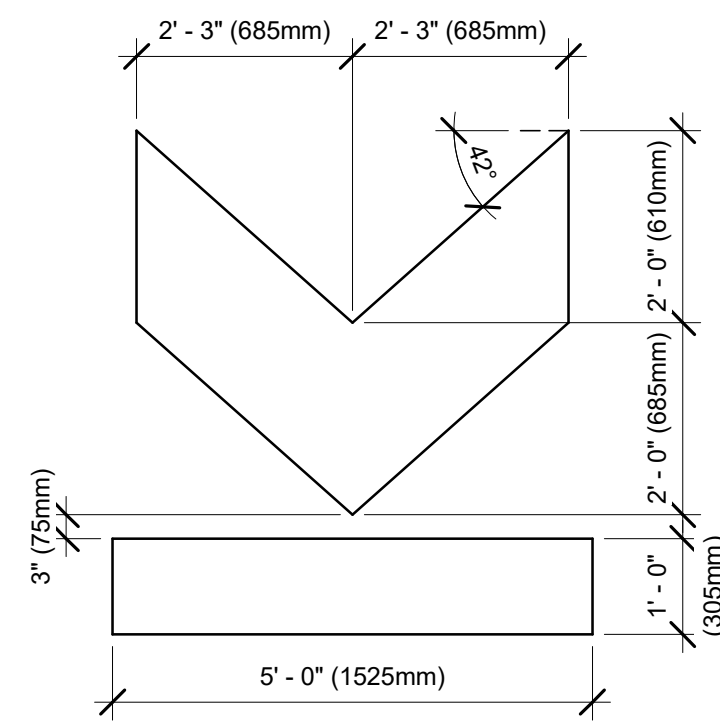
PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
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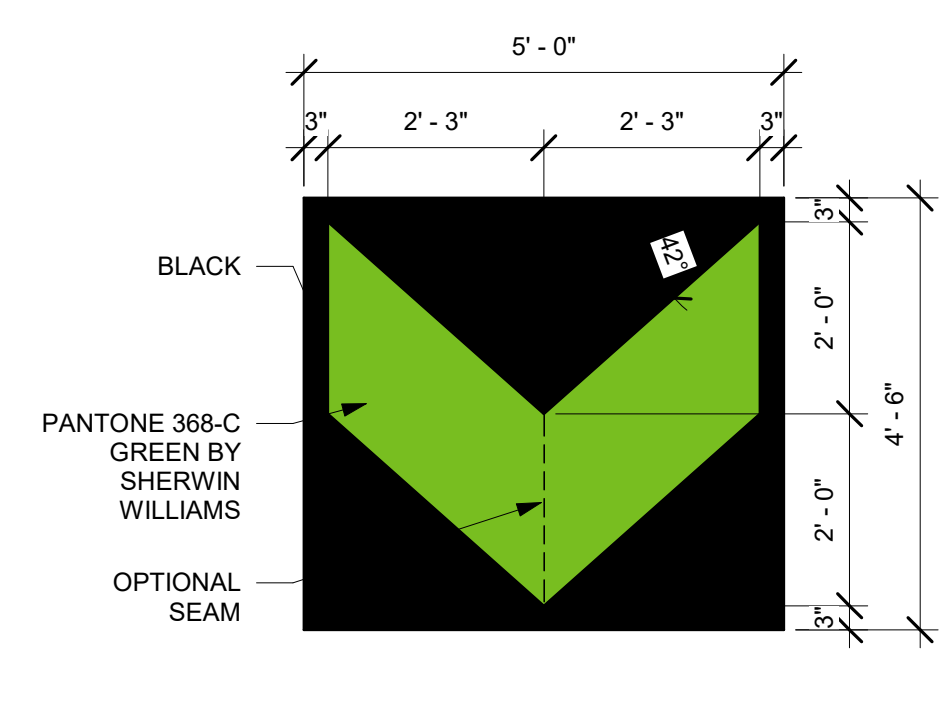
Revision Schedule			
Rev	Date	By	Description

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ARCHITECTURAL SITE PLAN
SCALE: AS SHOWN

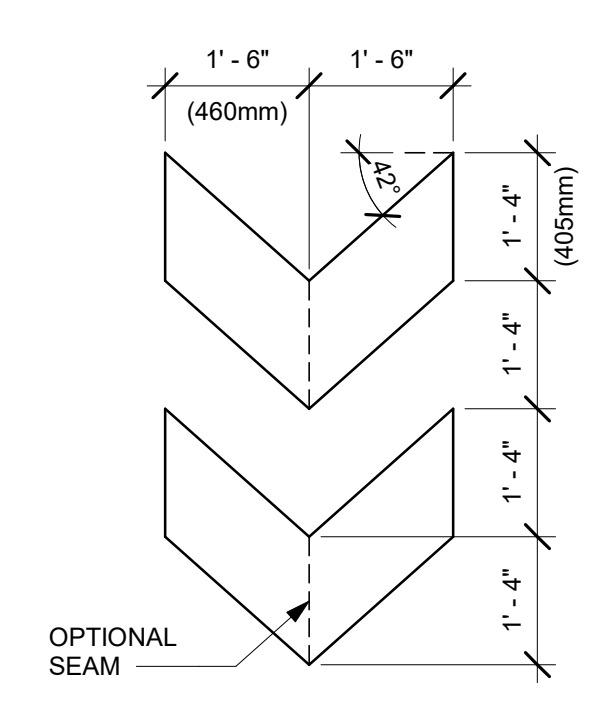
SHEET NUMBER:
A001



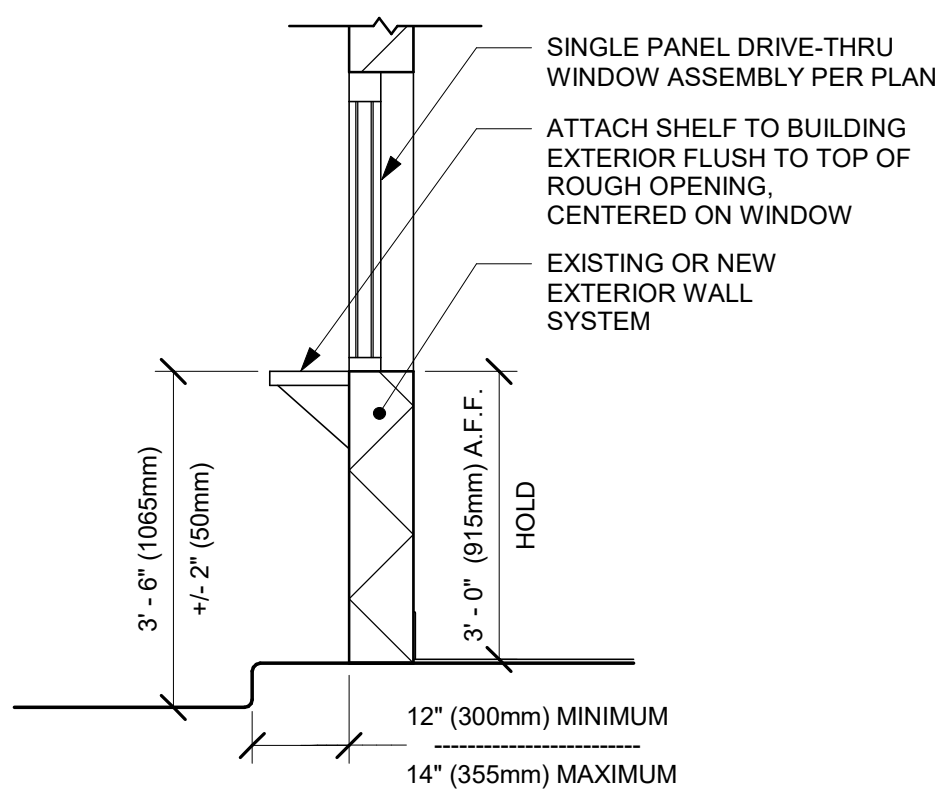
6 DTE - WAYFINDING GRAPHIC ARROW - EXIT
Scale: 1/2" = 1'-0"



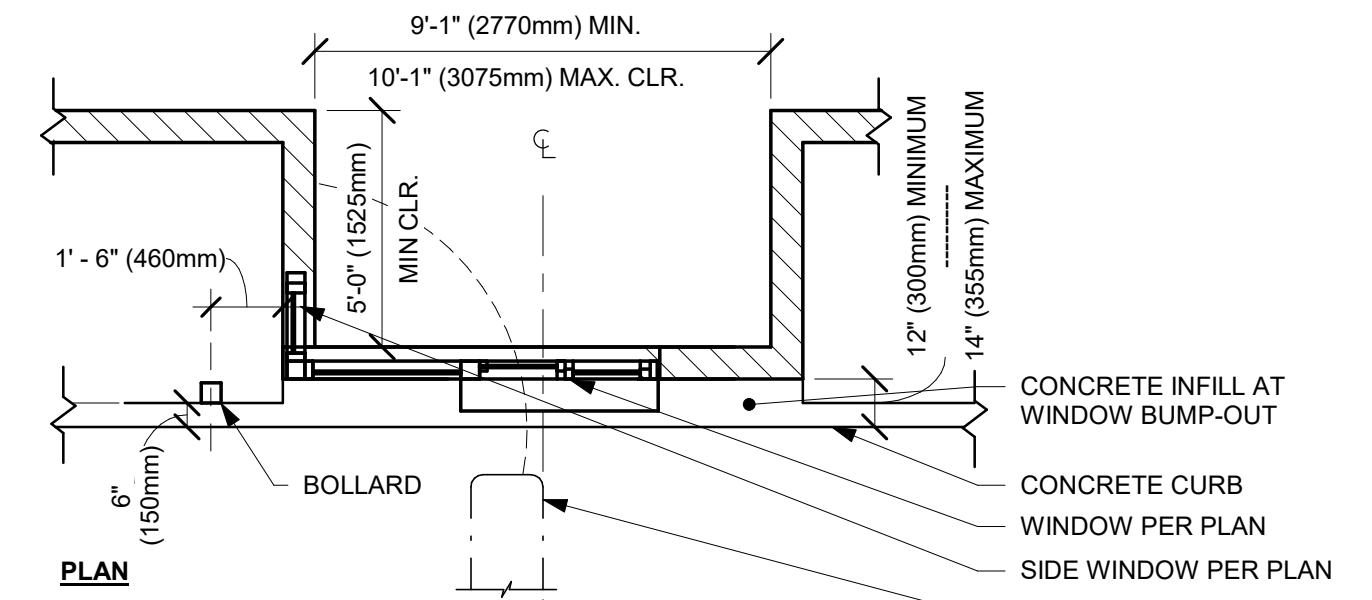
7 DTE - WAYFINDING GRAPHIC ARROW - SINGLE
Scale: 1/2" = 1'-0"



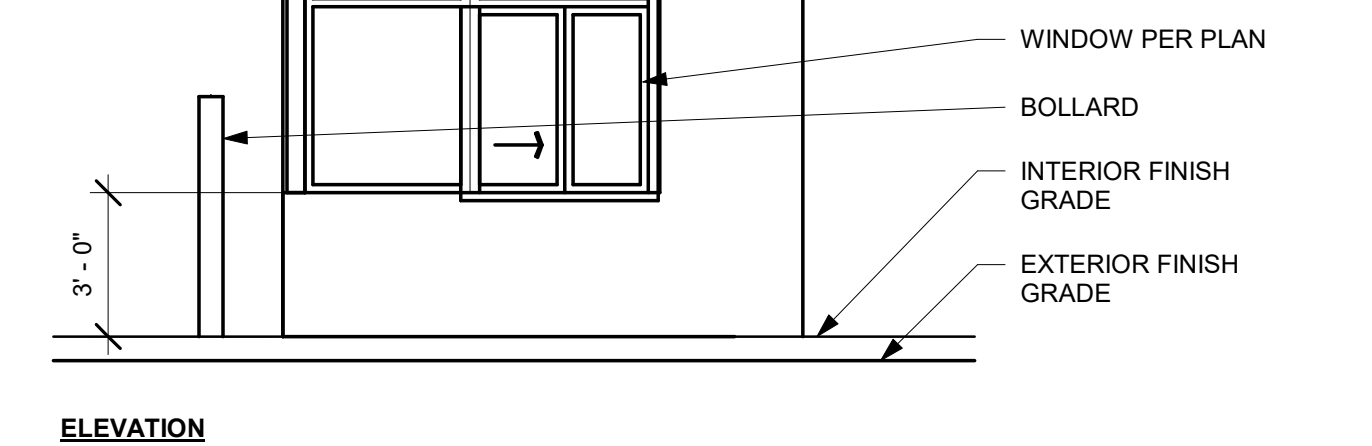
8 DTE - WAYFINDING GRAPHIC ARROW - DOUBLE
Scale: 1/2" = 1'-0"



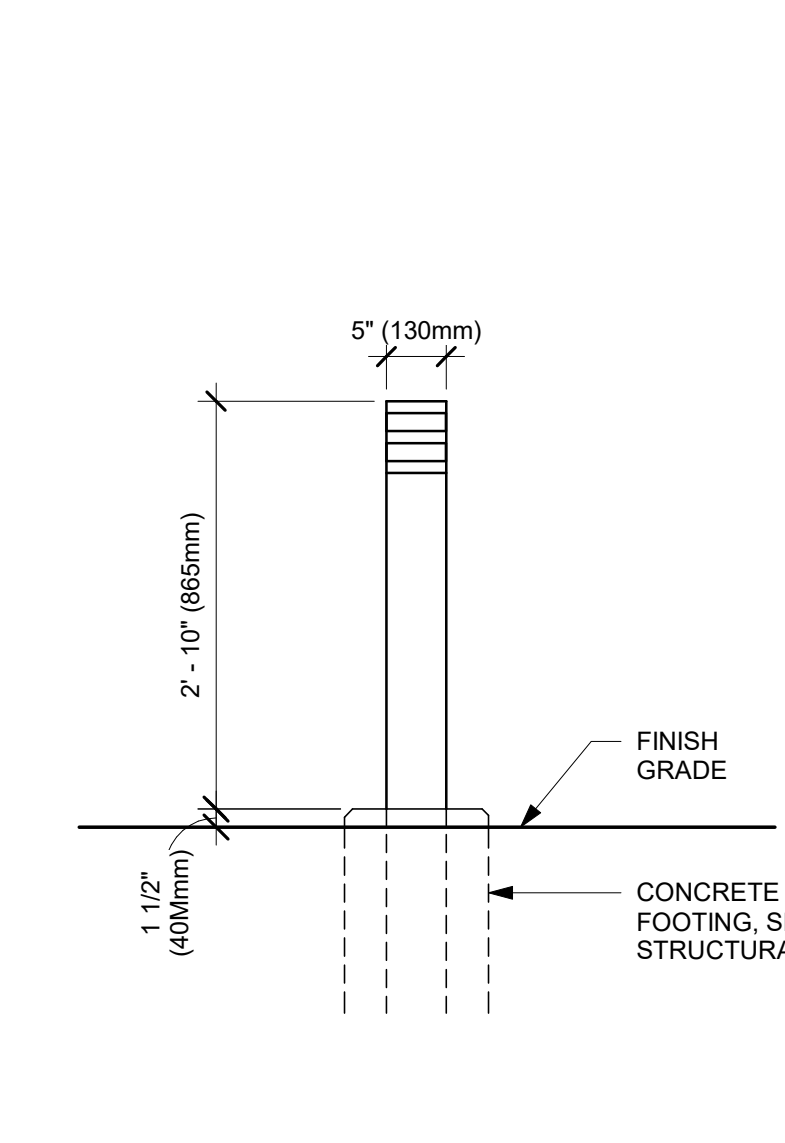
9 DRIVE THRU WINDOW
Scale: 1/2" = 1'-0"



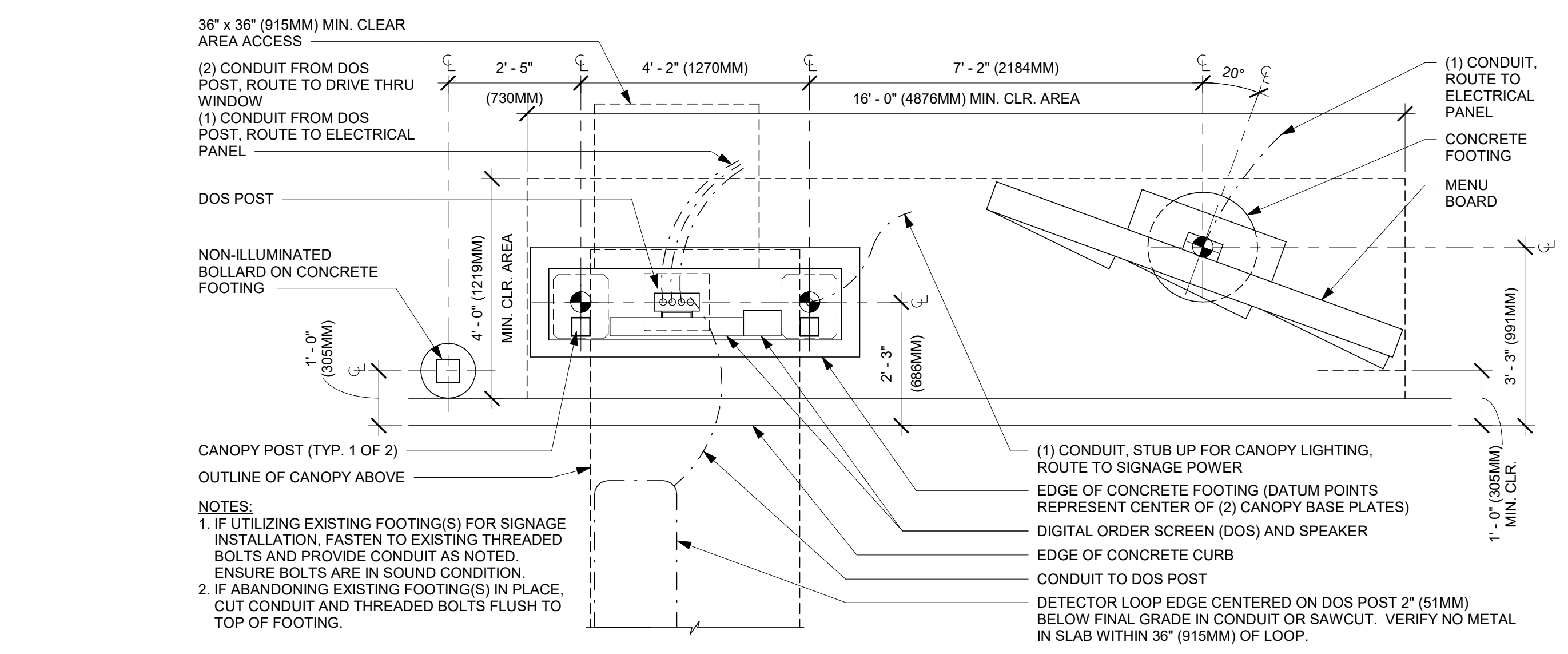
10 DTE - DRIVE THRU WINDOW BUMP-OUT
Scale: 1/4" = 1'-0"



ELEVATION



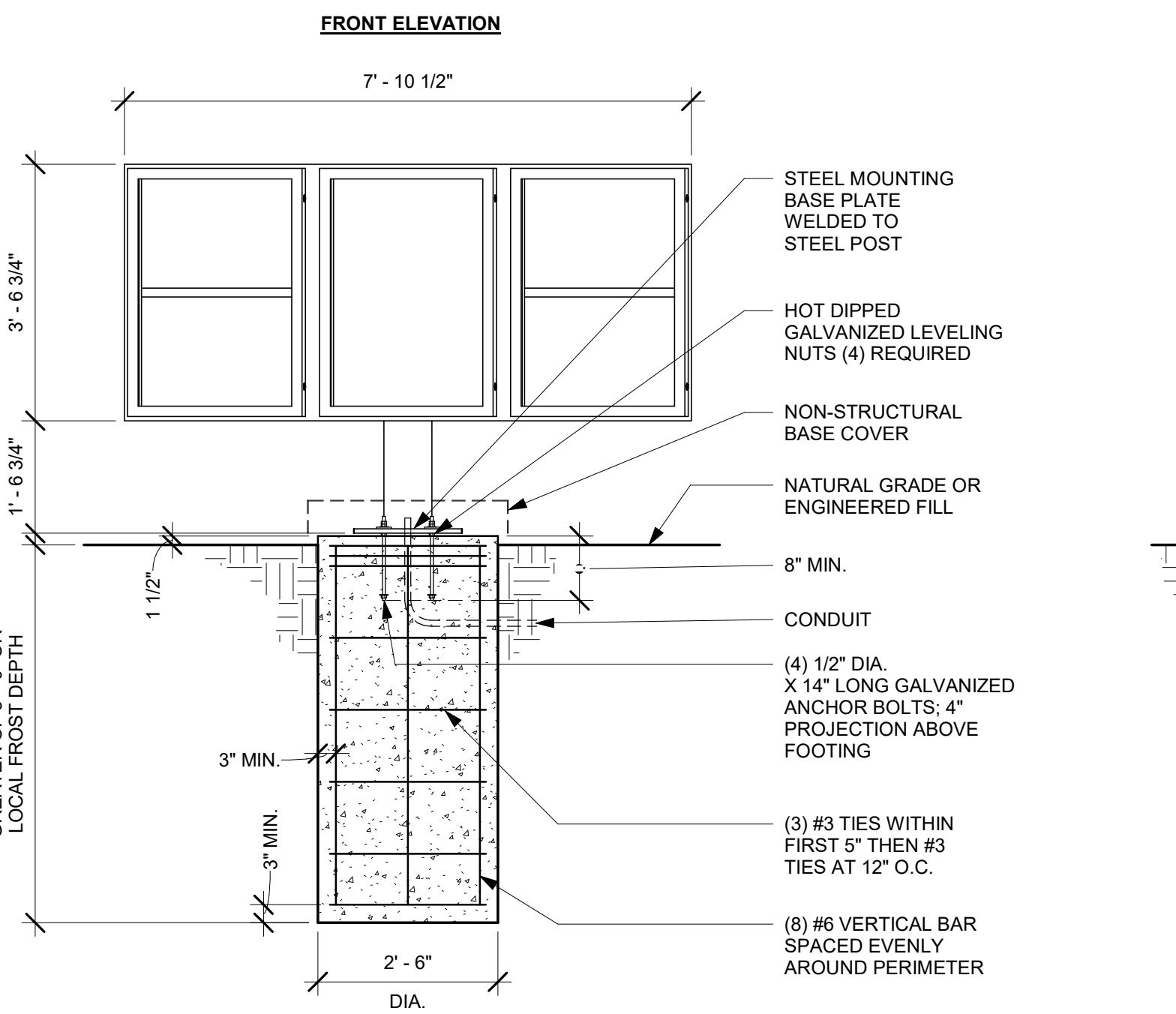
4 DTE - NON-ILLUMINATED BOLLARD
Scale: 3/4" = 1'-0"



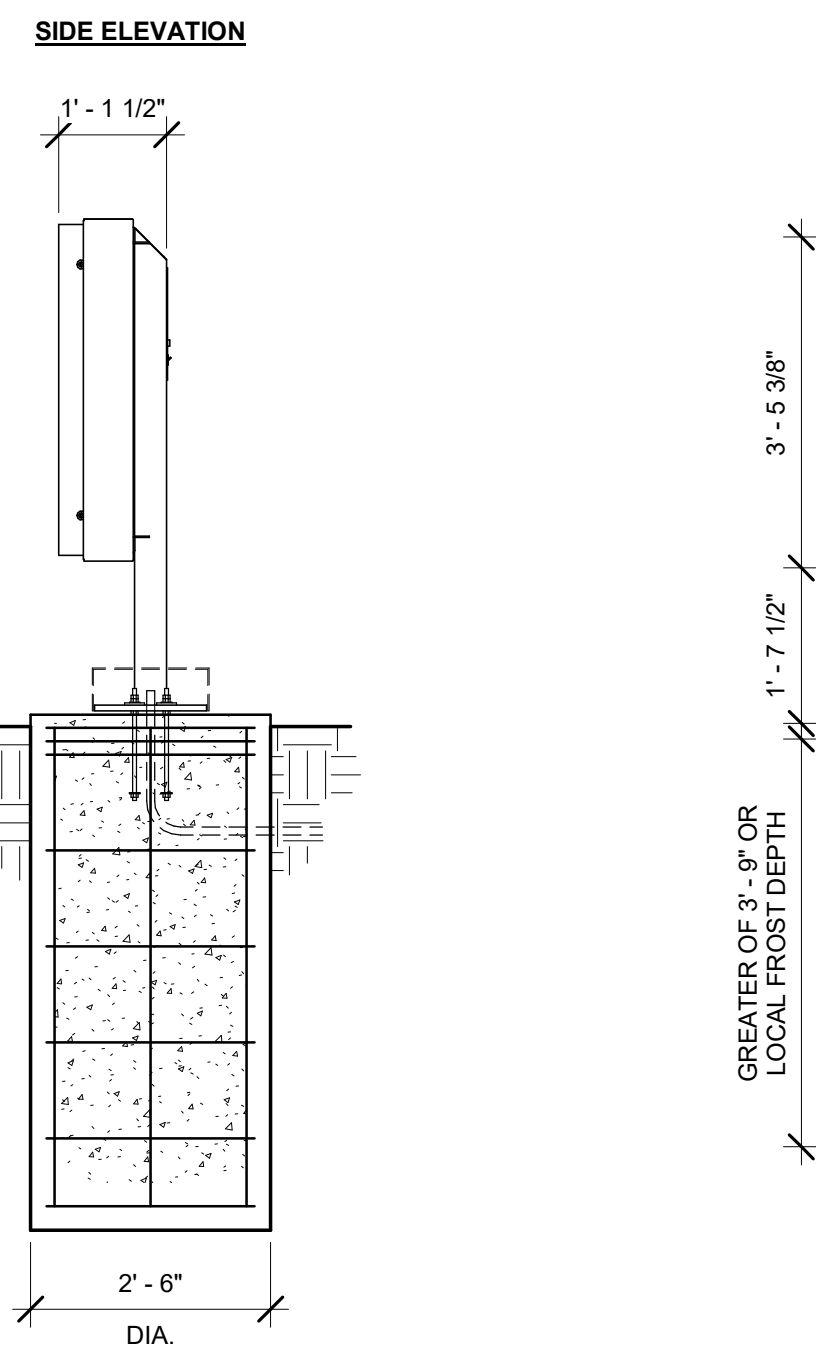
5 DTE - 5 PANEL 20° DT MENU BOARD, DIGITAL ORDER SCREEN WITH CANOPY
Scale: 1/2" = 1'-0"

10 DTE - DRIVE THRU WINDOW BUMP-OUT
Scale: 1/4" = 1'-0"

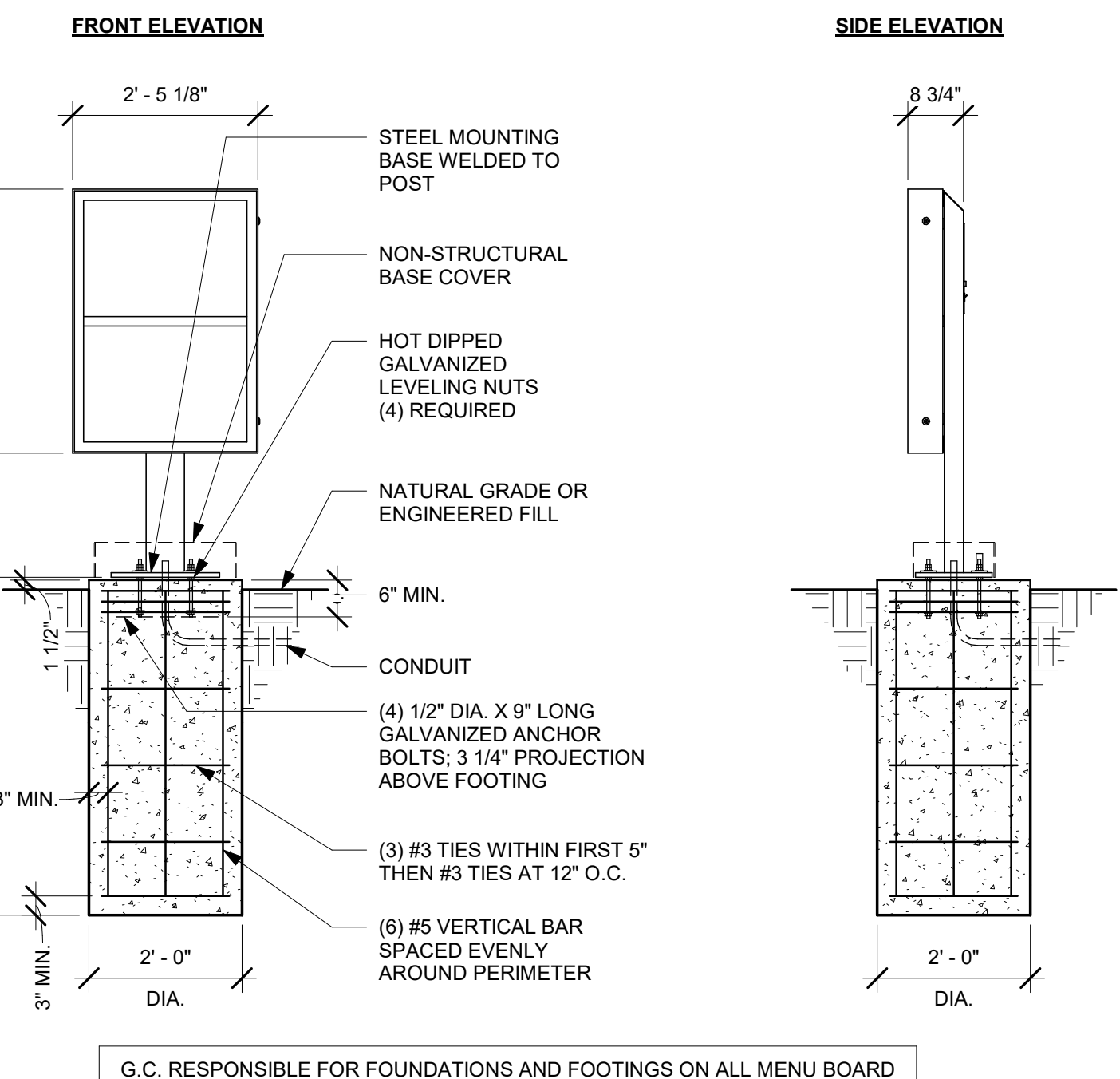
NOTE: UNDERGROUND ELECTRICAL CONDUITS FOR DRIVE THRU EQUIPMENT FURNISHED AND INSTALLED BY LL WITH PULL STRINGS. FOOTINGS BY GC.



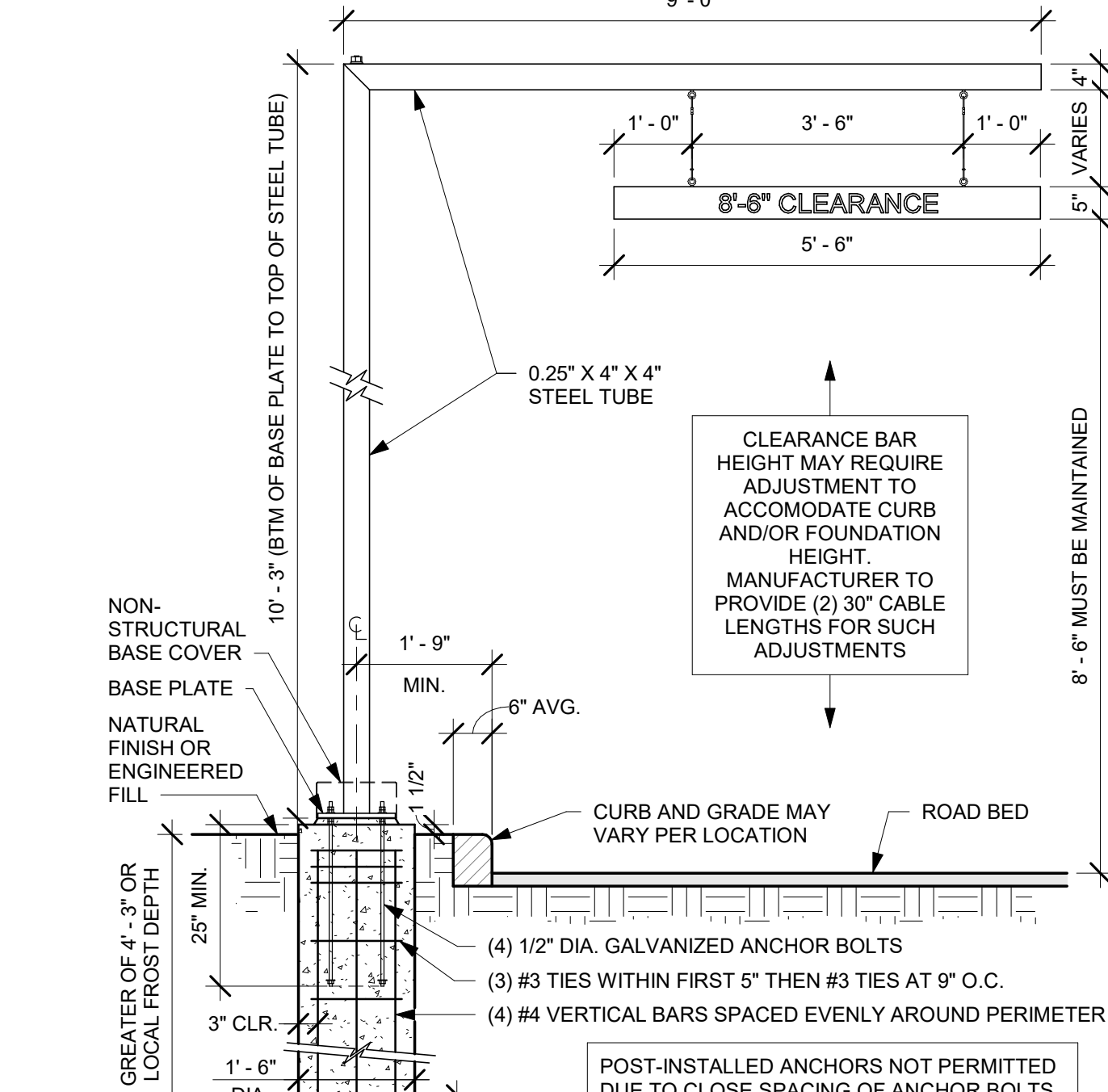
1 DTE - MENU 5 PANEL FREESTANDING
Scale: 1/2" = 1'-0"



2 DTE - PRE-MENU FREESTANDING
Scale: 1/2" = 1'-0"



3 DTE - CLEARANCE BAR
Scale: 1/2" = 1'-0"



3 DTE - CLEARANCE BAR
Scale: 1/2" = 1'-0"

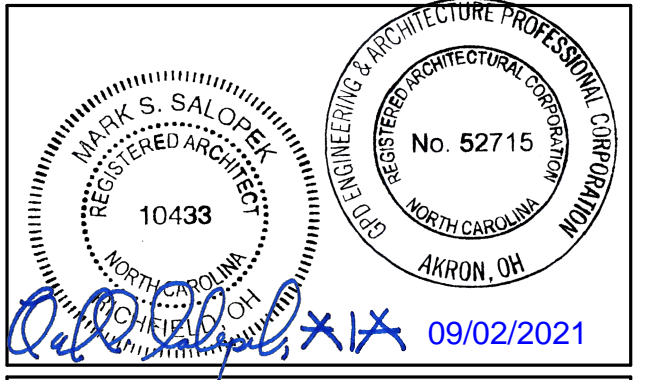


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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
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PRODUCTION DESIGNER: GPD GROUP
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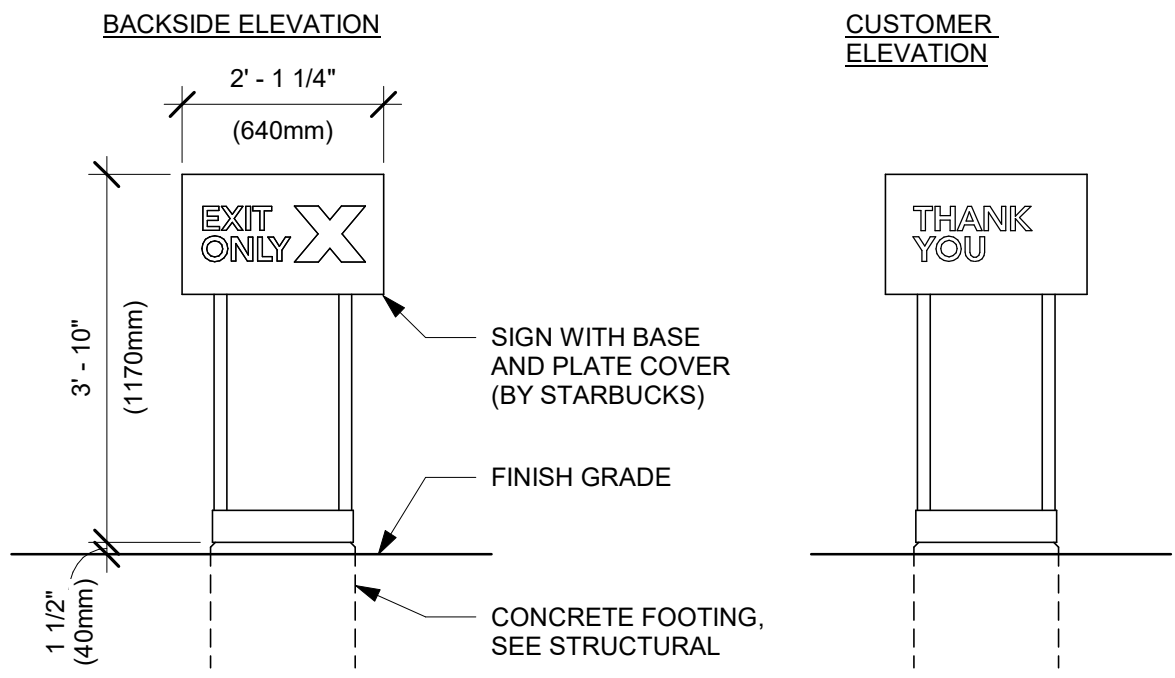
Revision Schedule			
Rev	Date	By	Description

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ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

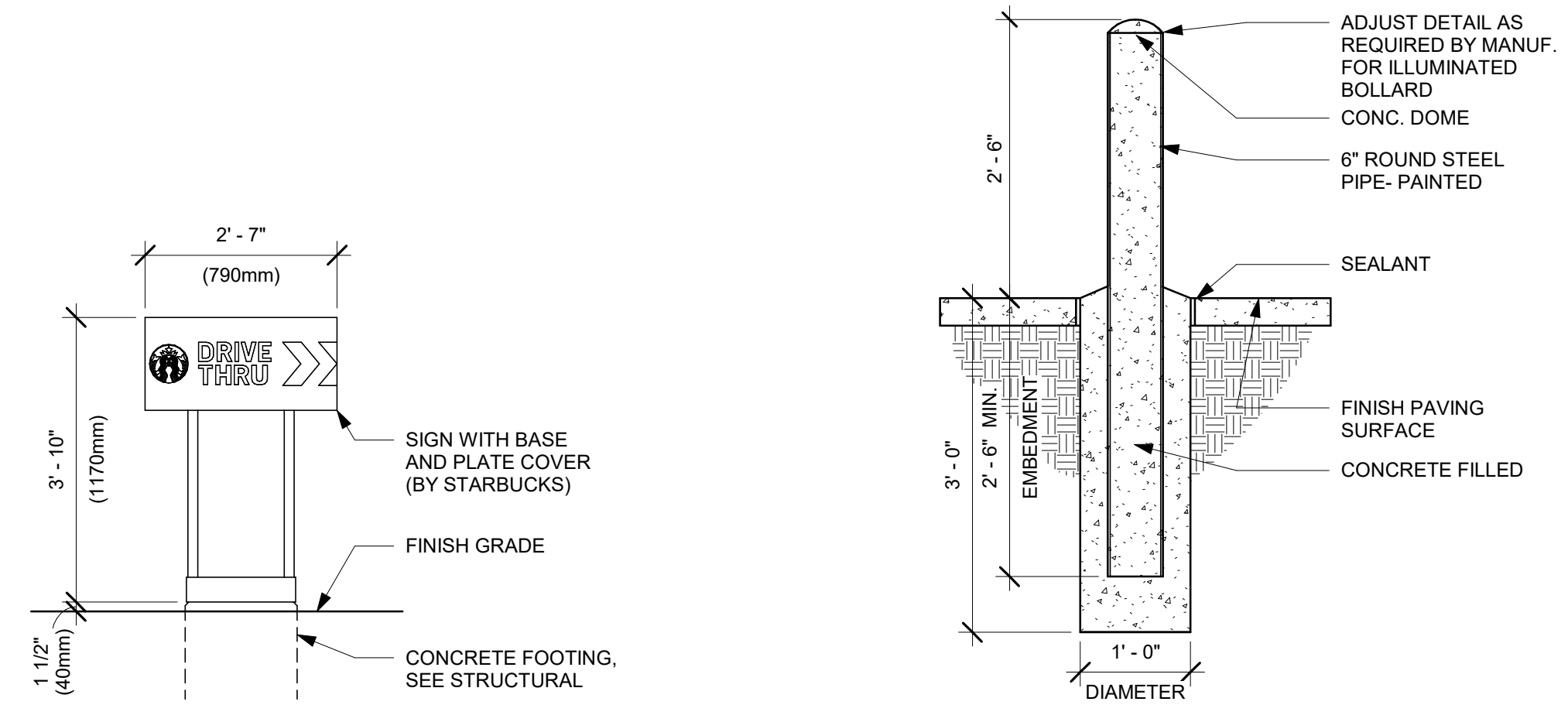
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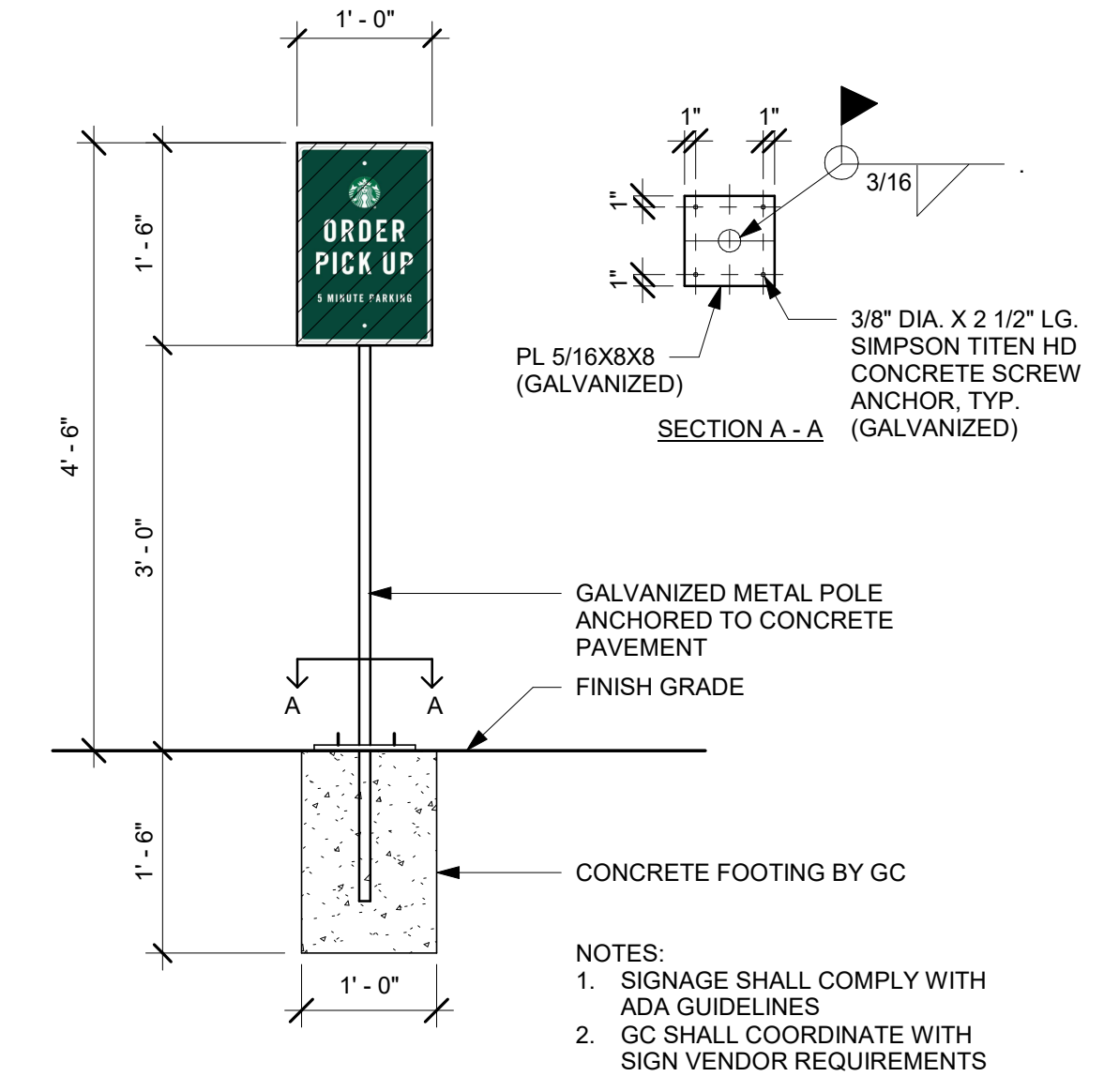
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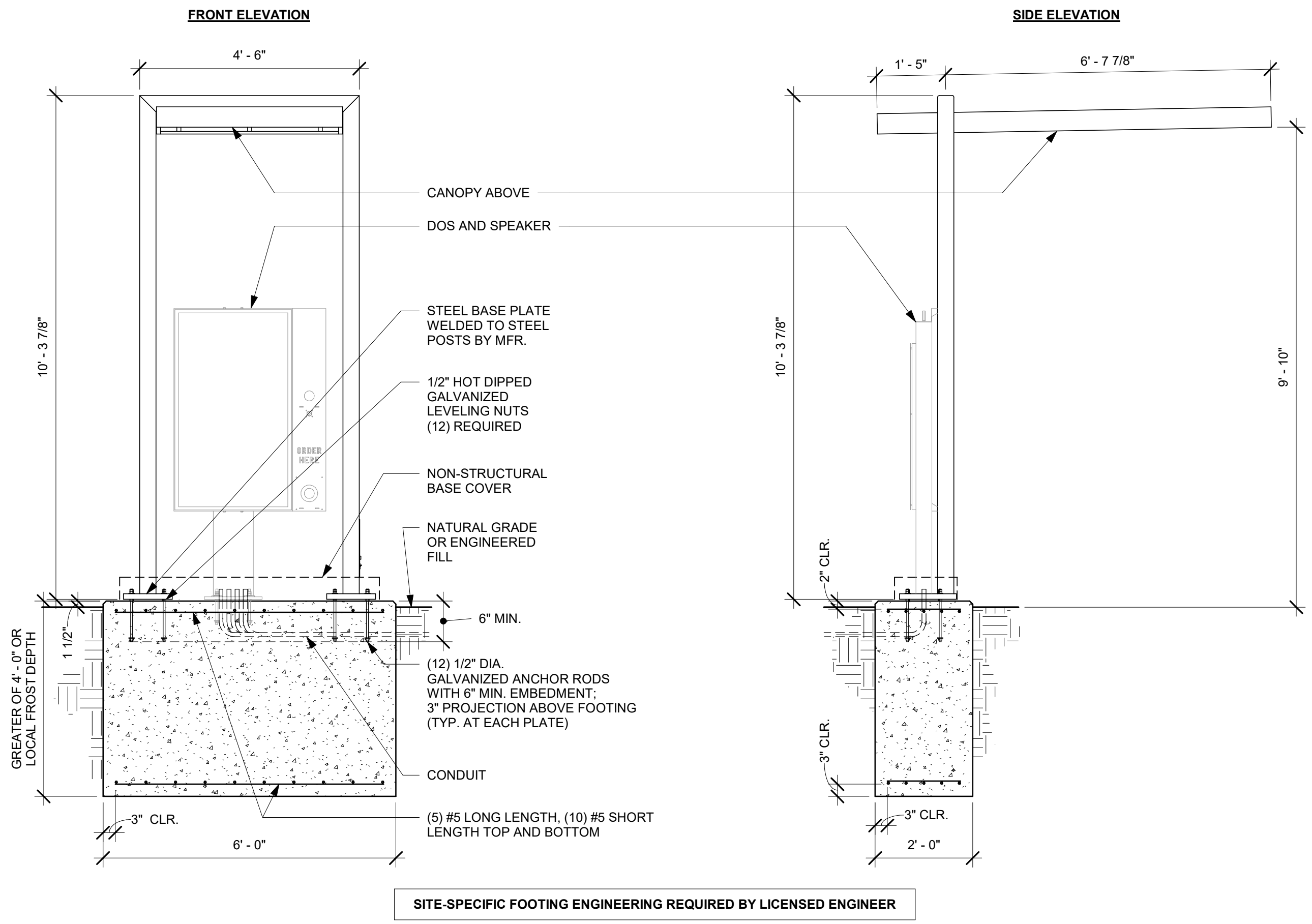
3 DTE - DIRECTIONAL SIGN
Scale: 1/2" = 1'-0"



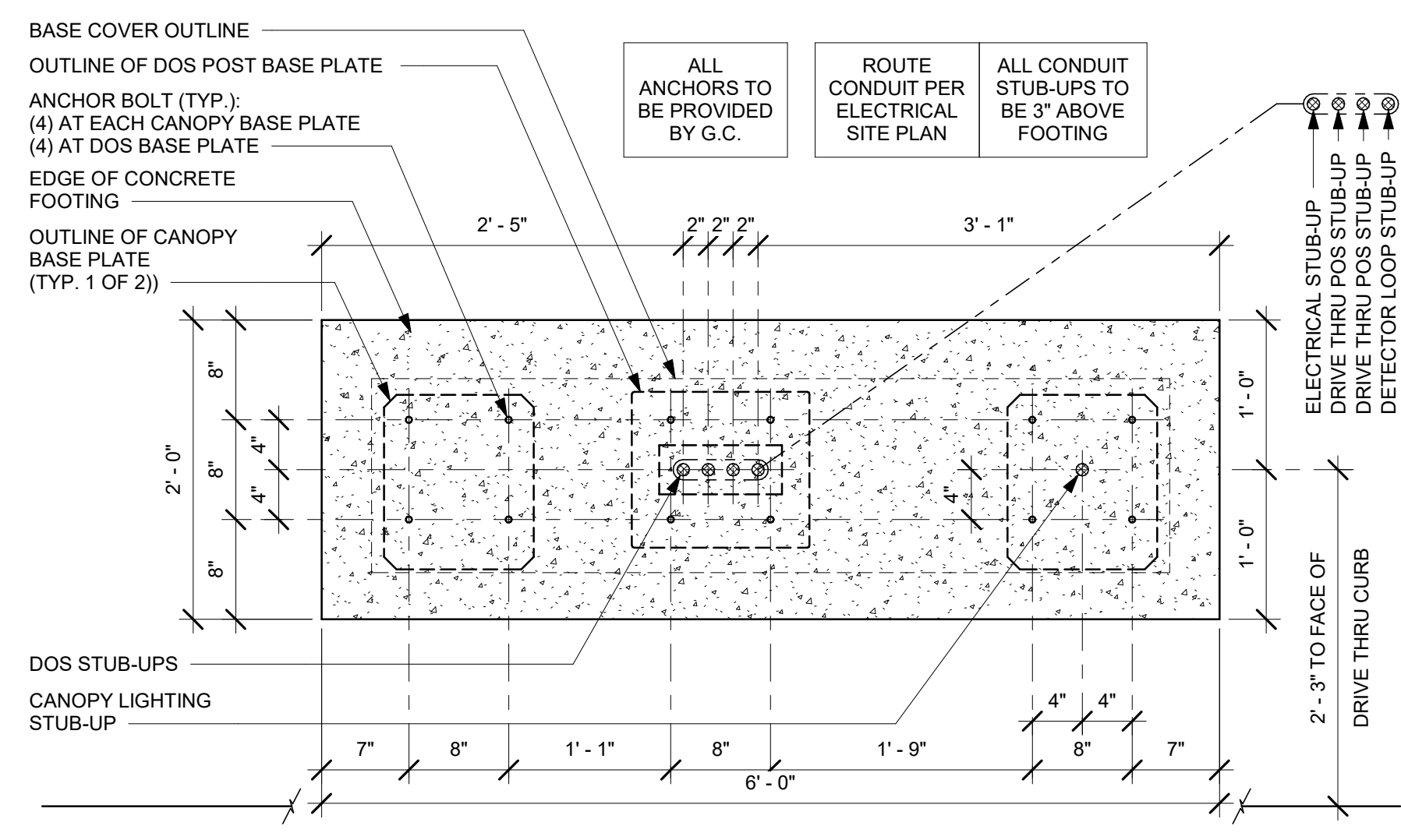
5 SITE - BOLLARD DETAIL - BY LL
Scale: 3/4" = 1'-0"



6 MOP FOOTING (BY GC)
Scale: 3/4" = 1'-0"



1 DTE - DIGITAL ORDER SCREEN AND CONTROL BOX WITH CANOPY
Scale: 1/2" = 1'-0"



2 DTE DOS CANOPY BOLT PATTERN (TOP VIEW)
Scale: 1" = 1'-0"



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GPD PROJECT NO: 2020261.36

Professional Engineer Seal: **AMIR K. S. SALOUEK**, No. 52715, 10433, 09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

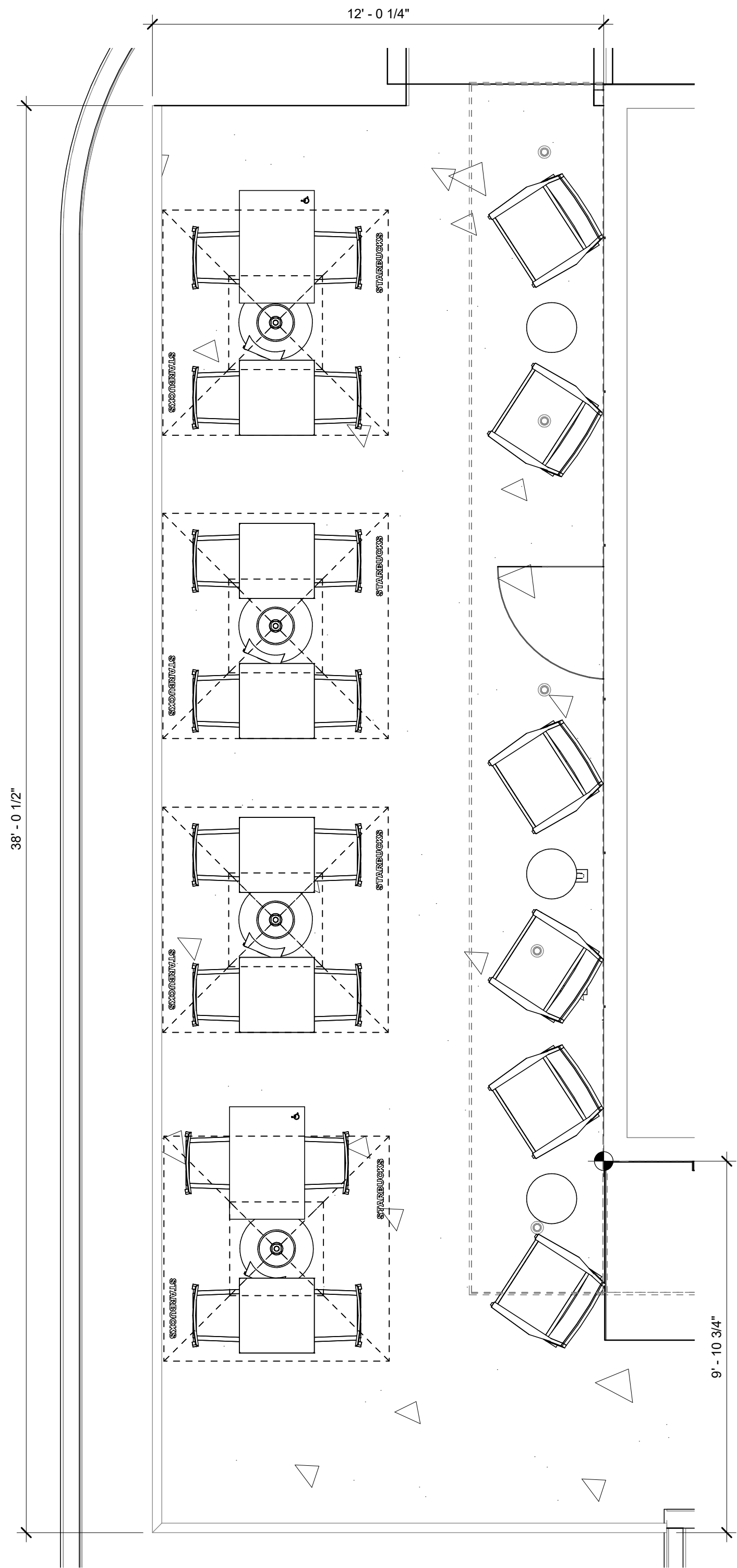
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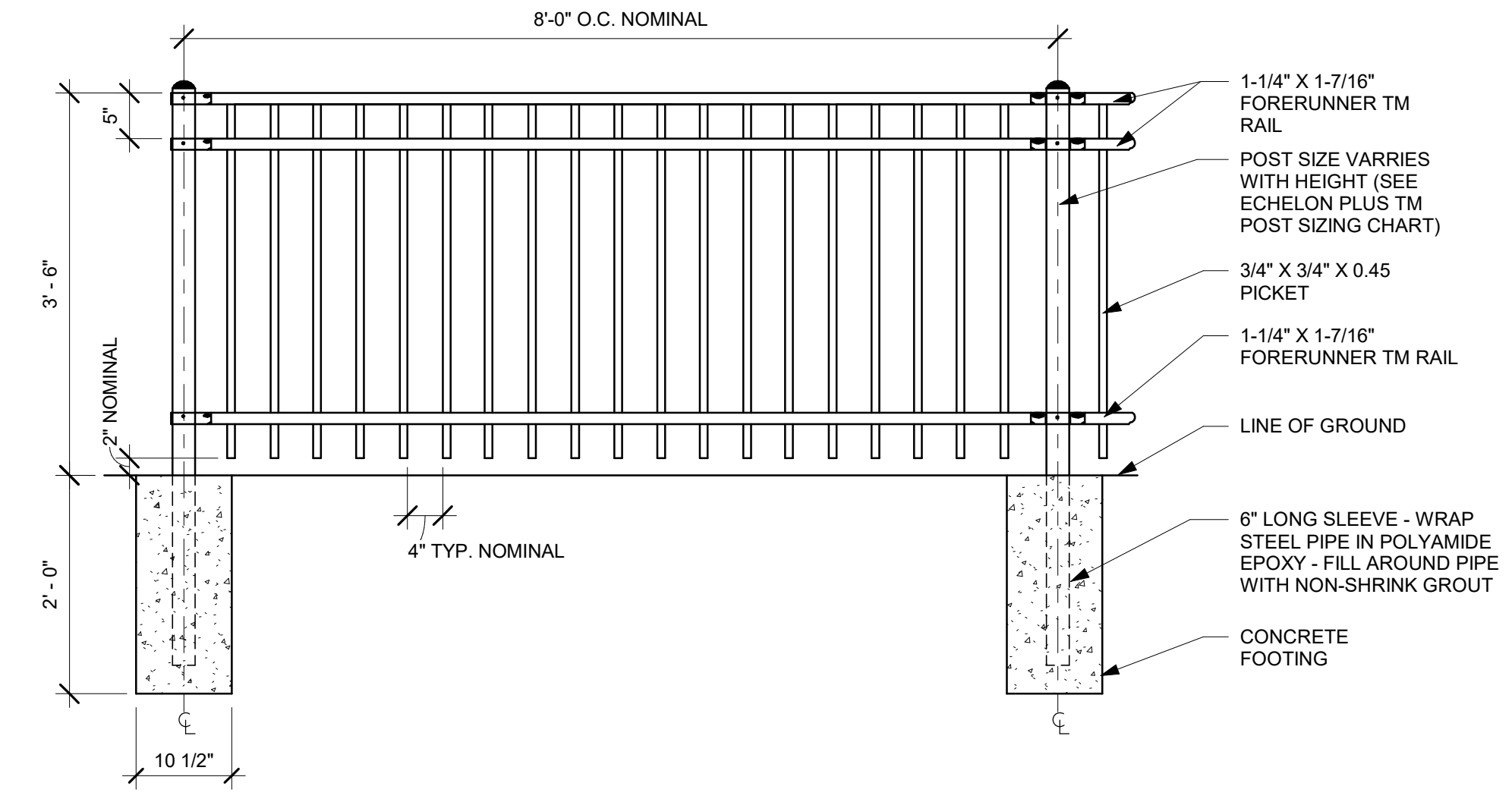
SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A004



1 PATIO RAILING CALL OUT
Scale: 3/8" = 1'-0"

RAILING SPECIFICATION:
 MANUFACTURER: AMERISTAR FENCE
 STYLE: ECHELON PLUS 3/4 RAIL MAJESTIC PANEL
 FINISH: BLACK POWDER-COATED ALUMINUM
 NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS TO STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL



2 RAILING DETAIL
Scale: N.T.S.

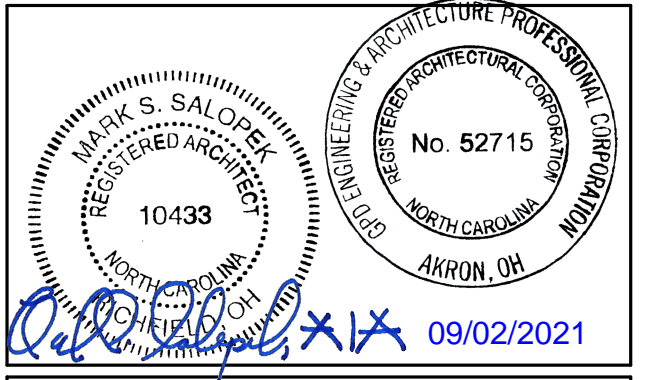


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STARBUCKS TEMPLATE VERSION: I2021-01-22

GPD Engineering and Architecture
 Professional Corporation - 52715
 520 SOUTH MAIN ST. SUITE 2531
 AKRON, OH 44311
 P: 330-572-2100 F: 330-572-2199
 GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
 PROJECT #: 85334-001
 ISSUE DATE: For Construction 09/01/21
 DESIGN MANAGER: ASHLEY SUEIRAS
 PRODUCTION DESIGNER: GPD GROUP
 CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
RAILING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A005

WALL TYPE SCHEDULE

TAG	DESCRIPTION	INSULATION	NOTES
1-T-N	1 1/2" 20 GA STUD FURRING WALL	NONE	TERMINATE 6" ABOVE CEILING. SEE PLAN FOR WALL SHEATHING.
2-T-N	3 5/8" 20 GA STUD FURRING WALL	NONE	TERMINATE 6" ABOVE CEILING. SEE PLAN FOR WALL SHEATHING.
3-F-A	3 5/8" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-F-N	3 5/8" 20 GA STUDS @ 16" O.C.	NONE	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-P-N	3 5/8" 16 GA STUDS @ 16" O.C.	NONE	PARTIAL HT. WALL W/ ROCKW RIGID CONNECTORS AT FLOOR. SEE ELEVATIONS FOR WALL HT. SEE PLAN FOR WALL SHEATHING.
3-T-N	3 5/8" 20 GA STUDS @ 16" O.C.	NONE	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.
4-F-A	6" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
C	UPPER WIRE SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR		
D	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
E	EQUIPMENT RACK AT MANAGER'S DESK	300 LBS (136 KG)	44" TO 96" (1120MM TO 2440MM)	28" (710MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON RACK
F	METRO SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED, HOWEVER EXISTING FRP FINISHED WALL MAY RECEIVE SURFACE MOUNTED, PAINTED WHITE.		
G	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET
H	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.	
I	MILLWORK BOXES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
J	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)	32" (810MM) BEHIND STATION
K	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
L	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR	
M	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	

WALL SHEATHING KEY

SYMBOL	DESCRIPTION
▲	INDICATES SHEATHING TRANSITION
A	5/8" GYP. WALL BOARD (FULL WALL HEIGHT)
B	5/8" GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
C	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
D	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT FINISH TRANSITION AS SHOWN ON INTERIOR ELEVATION W/ 5/8" GYP. WALL BOARD ABOVE (FULL WALL HEIGHT)).
E	5/8" FIRE RATED PLYWOOD BACKING FOR WOOD WALL CLADDING (TERMINATE AT 6" ABOVE CEILING).
F	(1) LAYER OF TYPE 'X' WATER RESISTANT GYP. BD.

KEYED NOTES

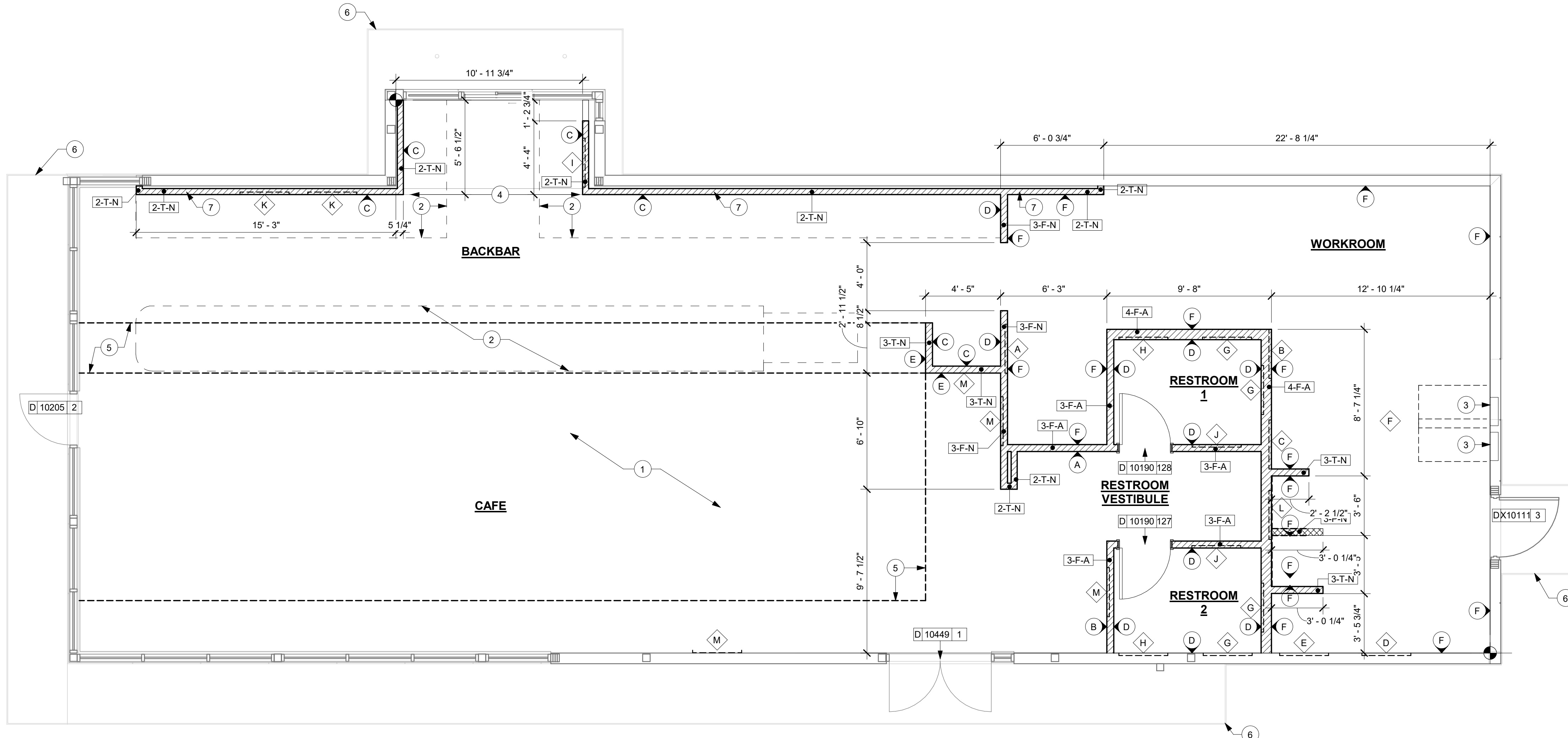
- INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL. IF APPLICABLE; REFER TO STRUCTURAL FOR CONNECTION OF NEW SLAB TO EXISTING.
- OUTLINE OF BAR PER CASEWORK MANUFACTURER.
- ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
- ALIGN FACE OF FINISHED WALL.
- OUTLINE OF SOFFIT ABOVE.
- OUTLINE OF CANOPY ABOVE.
- FUR OUT INTERIOR FACE OF WALL.

GENERAL NOTES

- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.
- IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS MINIMUM BARRIER FREE PROVISION OF THE CODE. REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.
- ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.
- INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.
- ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
- SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.
- STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.
- VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.
- PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.
- SEE STRUCTURAL FOR KNEE WALL BRACING.
- SEE SHEET A501 FOR BUILDING DETAILS.
- REFER TO SHEET I104 FOR FLOOR FINISHES.

GENERAL LEGEND

- NEW FULL HEIGHT WALL
- NEW PARTIAL HEIGHT WALL
- EXISTING WALL
- WALL BLOCKING CALL-OUT
- WALL SHEATHING CALL-OUT



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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36
2020



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

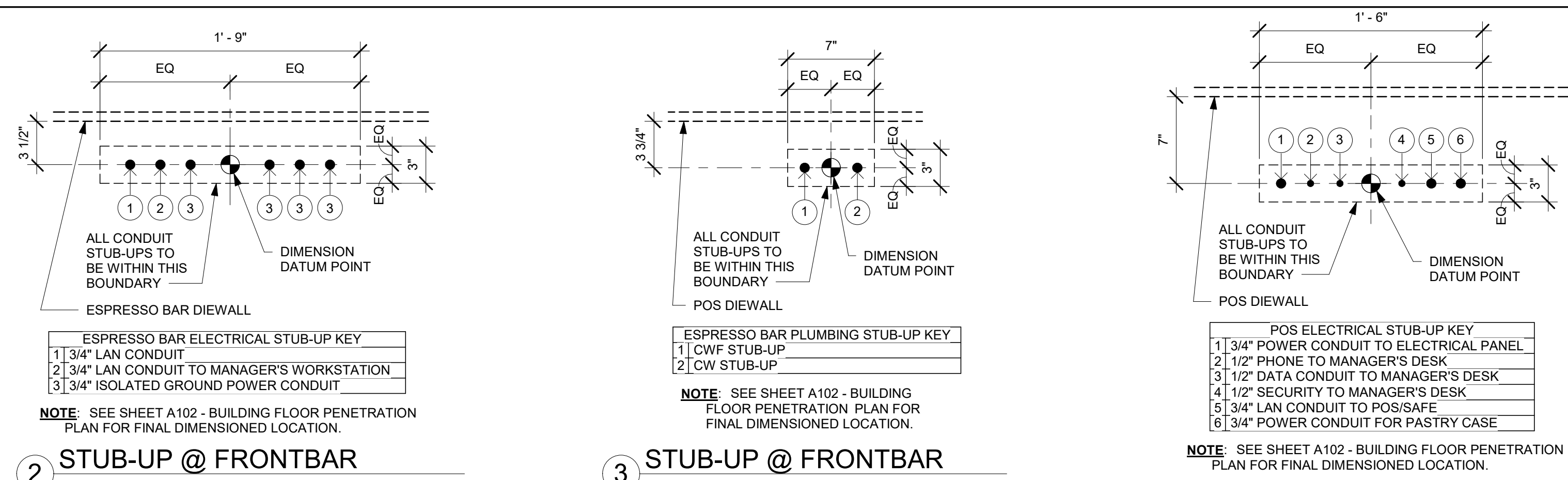
SHEET TITLE:
BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A101



1 1ST FLOOR - FLOOR PLAN
Scale: 1/4" = 1'-0"



KEYED NOTES

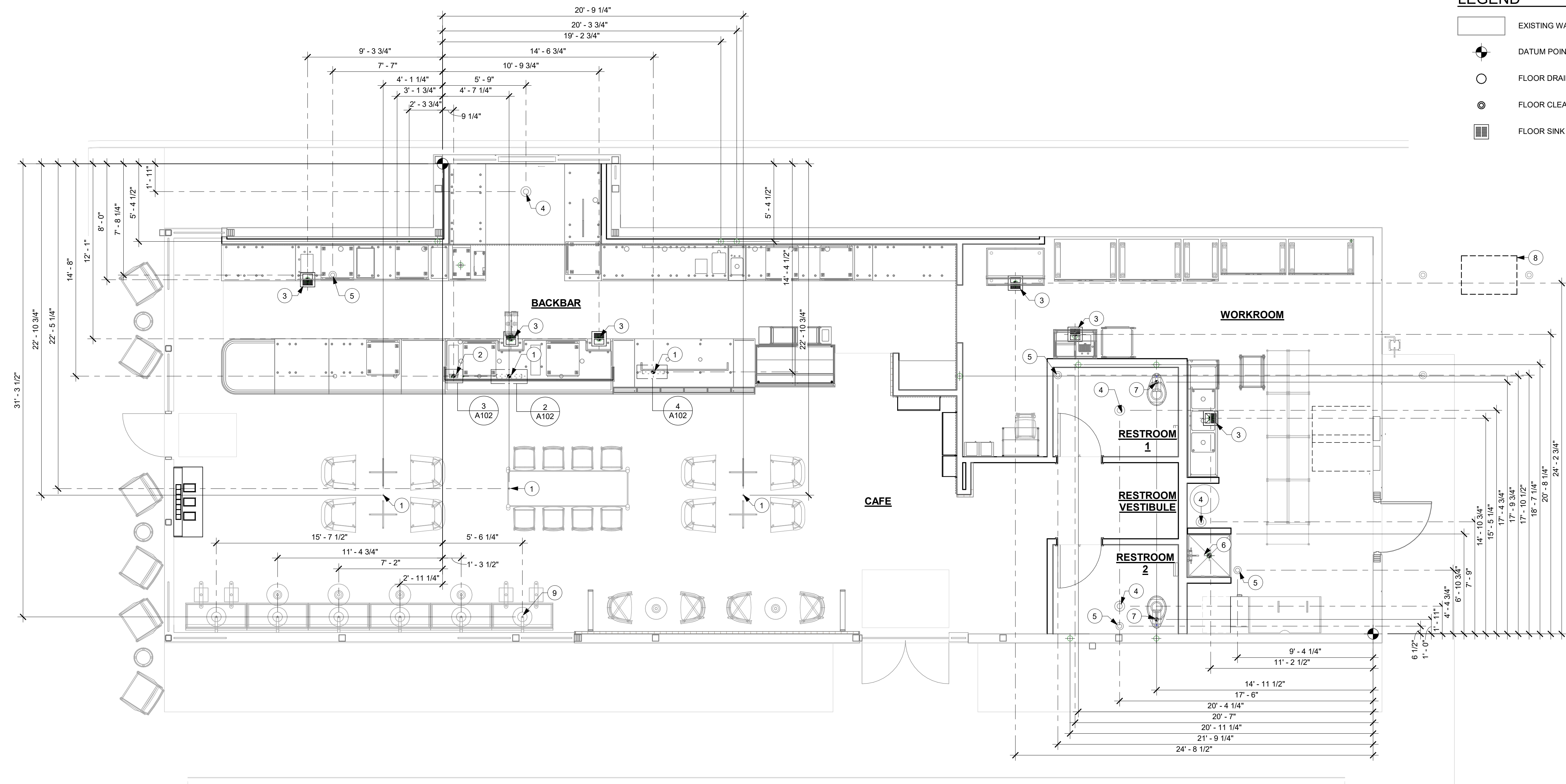
- ELECTRICAL STUB-UP LOCATION. SEE ELECTRICAL DRAWINGS.
- PLUMBING STUB-UP LOCATION. SEE PLUMBING DRAWINGS.
- FLOOR SINK LOCATION. SEE PLUMBING DRAWINGS.
- FLOOR DRAIN LOCATION. SEE PLUMBING DRAWINGS.
- FLOOR CLEAN-OUT. SEE PLUMBING DRAWINGS.
- MOP SINK WASTE.
- WATER CLOSET WASTE.
- GREASE WASTE INTERCEPTOR, SEE PLUMBING DRAWINGS.
- BANQUETTES WITH THROUGH-SLAB POWER THROUGH TABLE BASE, SEE ELECTRICAL DRAWINGS, TYP.

GENERAL NOTES

- ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.
- STUB-UP PENETRATIONS: REFER TO ELECTRICAL AND PLUMBING PLANS FOR INDIVIDUAL STUB-UP LOCATIONS.
- TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.
- PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.
- TRENCHING OUTLINE FOR GUIDELINE USE ONLY. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL LAYOUT.
- REFER TO SHEET I101 FOR FLOOR FINISHES.

LEGEND

- EXISTING WALL
- DATUM POINT
- FLOOR DRAIN
- FLOOR CLEAN-OUT
- FLOOR SINK



1 1ST FLOOR - FLOOR PENETRATION PLAN
Scale: 1/4" = 1'-0"



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GPD Engineering and Architecture
Professional Corporation - 52715

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P: 330-572-2100 F: 330-572-2191

GPD PROJECT NO: 2020261.36

Professional Engineer Seal: No. 52715
Professional Architect Seal: No. 10433
Date: 09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PENETRATION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A102

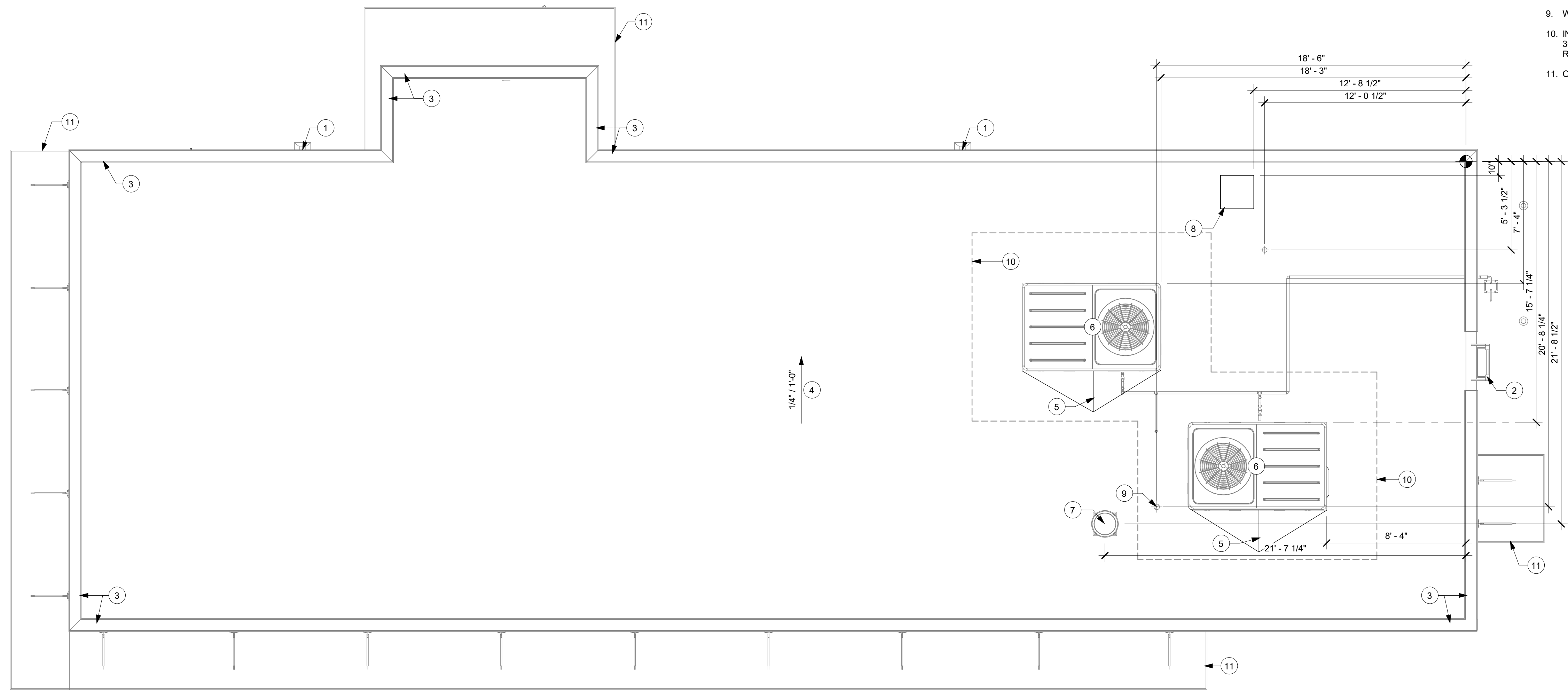
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GENERAL NOTES

- A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- B. IN FREEZE THAW CLIMATES ONLY: INSTALL SELF-REGULATING HEAT TAPE IN ALL DOWNSPOUTS. SEE ELECTRICAL FOR FURTHER INFORMATION.
- C. ROOF TOP PLUMBING VENTS ARE NOT SHOWN FOR CLARITY. REFER TO PLUMBING DRAWINGS FOR VTR LOCATIONS AND FURTHER INFORMATION.

KEYED NOTES

- 1. SCUPPER AND DOWN SPOUT CONNECT TO UNDERGROUND STORM DRAIN - REFER TO CIVIL DRAWINGS FOR CONTINUATION.
- 2. ROOF ACCESS LADDER.
- 3. PRE-FINISHED METAL COPING (TYP.).
- 4. MEMBRANE ROOFING SLOPE MINIMUM 1/4" PER FOOT (TYP.).
- 5. ROOF CRICKET SLOPE AT 1/4" PER 12".
- 6. ROOF TOP EQUIPMENT. SEE MECHANICAL.
- 7. RESTROOM EXHAUST FAN. SEE MECHANICAL.
- 8. ICE MACHINE CONDENSER. SEE MECHANICAL.
- 9. WATER HEATER FLUE. SEE MECHANICAL.
- 10. INSTALL SECOND LAYER OF ROOF MEMBRANE FOR 36" PERIMETER AROUND ROOF TOP EQUIPMENT AND ROOF HATCH (TYP.).
- 11. OUTLINE OF CANOPY BELOW. SEE ELEVATIONS.



1 ROOF PLAN
Scale: 1/4" = 1'-0"



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920 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101
GPD PROJECT NO: 2020261.36

Professional Engineer Seal: **MARK S. SALONER**, No. 52715, State of Ohio, No. 10433
Professional Architect Seal: **ASHLEY SUEIRAS**, No. 52715, State of Ohio, No. 10433
Date: 09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
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DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
BUILDING ROOF PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A103

EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON-ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		

KEYED NOTES

- PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
- PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
- 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
- NON-ILLUMINATED PROTECTIVE BOLLARD.
- ELECTRICAL METER.
- SERVICE DOOR.
- PRE-FINISHED METAL COPING, TYPICAL.
- OUTLINE OF ROOF BEYOND.
- DT WINDOW. PROVIDE READY ACCESS DT SERVICE WINDOW. WINDOW AND AIR CURTAIN FINISH TO MATCH ADJACENT STOREFRONT.
- DT WINDOW SHELF. INSTALL SERVICE WINDOW SHELF AT 36" (915MM) INSIDE.
- STEEL CANOPY. SEE BUILDING DETAIL SHEETS AND STRUCTURAL DRAWINGS.
- CANOPY DOWNSPOUTS. CONNECT TO UNDERGROUND STORM DRAIN.
- ROOF SCUPPER AND EMERGENCY OVERFLOW. CONNECT VERTICAL LEADERS TO UNDERGROUND STORM DRAIN.
- BUILDING SIGNAGE.
- DRIVE-THRU SIGN.
- EXTERIOR SCENCE LIGHTING.
- EXTERIOR EGRESS LIGHTING.
- EXTERIOR SPEAKER. SEE REFLECTED CEILING PLAN AND BUILDING CANOPY DETAILS.
- LOCKABLE HOSE BIB. SEE PLUMBING DRAWINGS.
- GAS METER. SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

- GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.
- GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.
- SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.
- SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.
- SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.
- GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.



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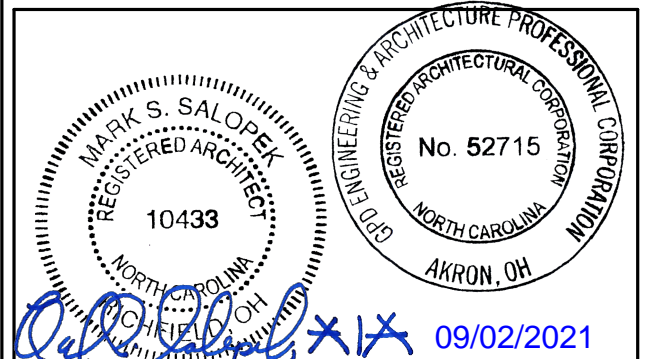
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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36

2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

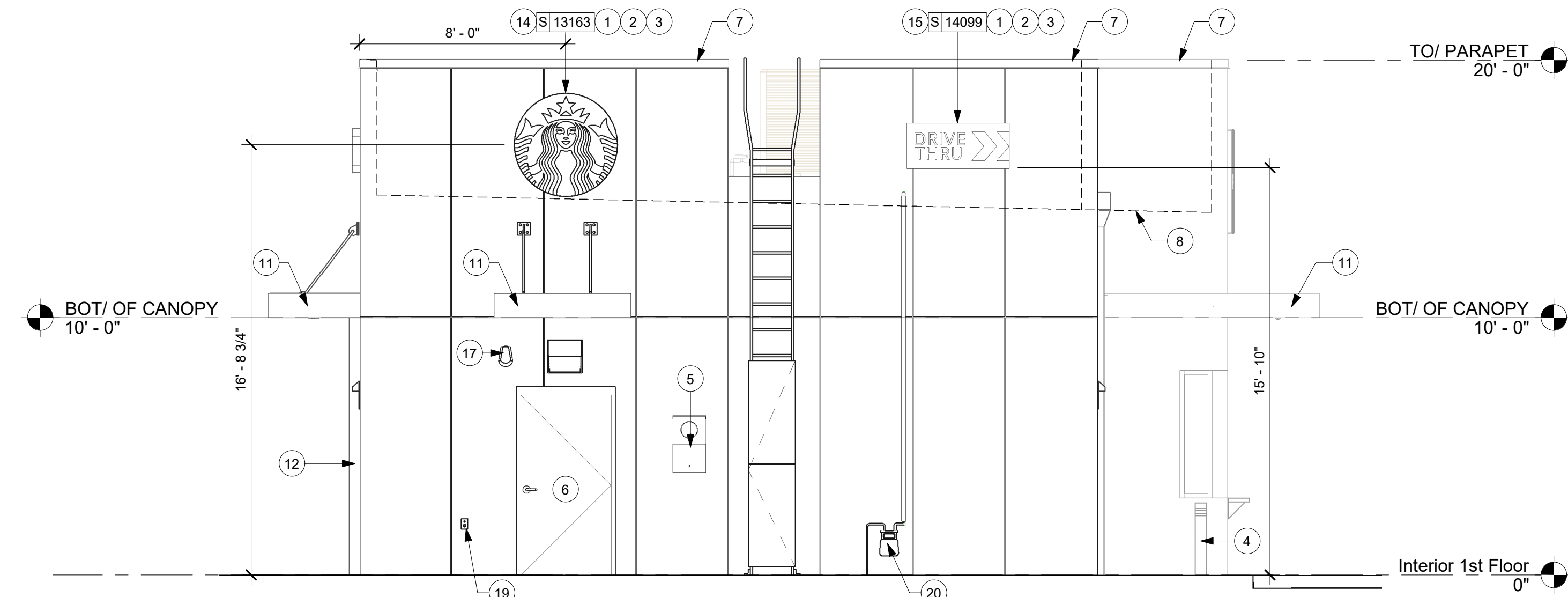
PROJECT ADDRESS:
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CAMERON, NC 28326**

STORE #: 59763
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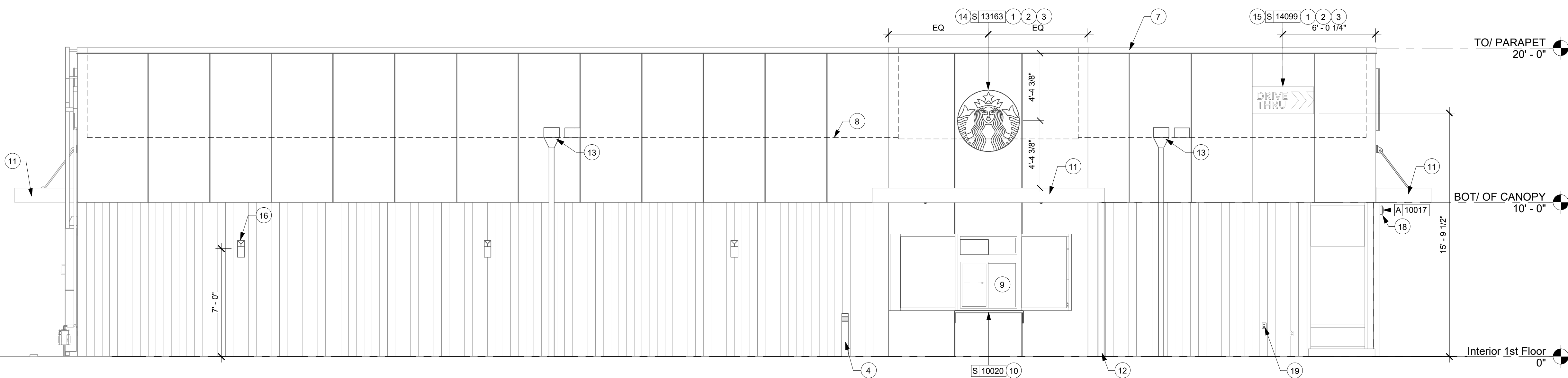
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

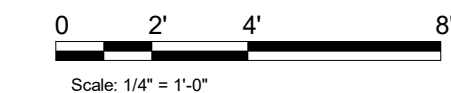
SHEET NUMBER:
A201



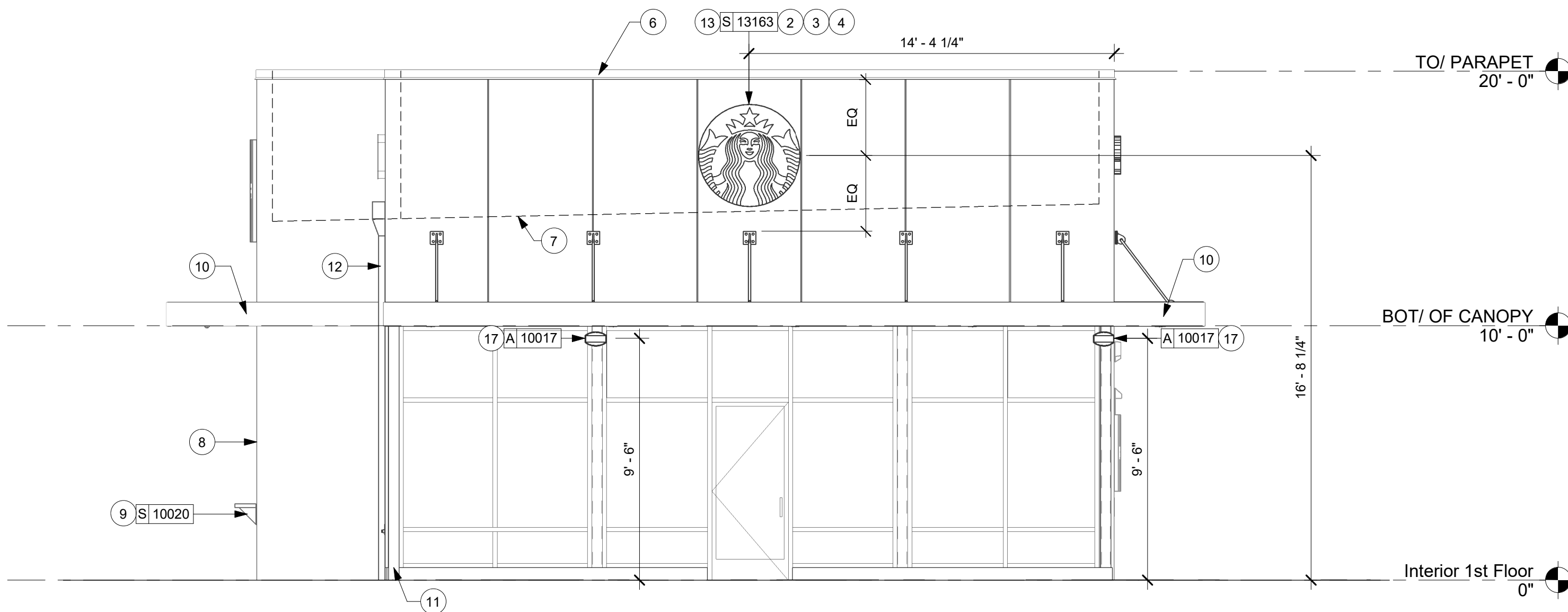
2 EAST ELEVATION
Scale: 1/4" = 1'-0"



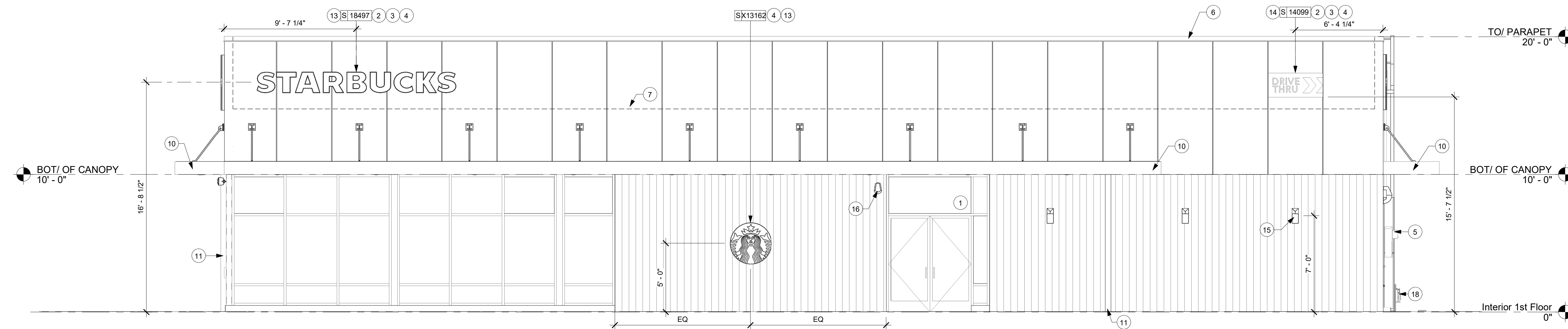
1 NORTH ELEVATION
Scale: 1/4" = 1'-0"



EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON-ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



2 WEST ELEVATION
Scale: 1/4" = 1'-0"



1 SOUTH ELEVATION
Scale: 1/4" = 1'-0"

KEYED NOTES

- PROVIDE 3" (75MM) HIGH BLACK ACRYLIC STORE ADDRESS ON GLAZING OR PER LOCAL JURISDICTIONAL CODE REQUIREMENTS.
- PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
- PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
- 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
- ELECTRICAL METER.
- PRE-FINISHED METAL COPING, TYPICAL.
- OUTLINE OF ROOF BEYOND.
- DT WINDOW. PROVIDE READY ACCESS DT SERVICE WINDOW. WINDOW AND AIR CURTAIN FINISH TO MATCH ADJACENT STOREFRONT.
- DT WINDOW SHELF. INSTALL SERVICE WINDOW SHELF AT 36" (915MM) INSIDE.
- STEEL CANOPY. SEE BUILDING DETAIL SHEETS AND STRUCTURAL DRAWINGS.
- CANOPY DOWNSPOUTS. CONNECT TO UNDERGROUND STORM DRAIN.
- ROOF SCUPPER AND EMERGENCY OVERFLOW. CONNECT VERTICAL LEADERS TO UNDERGROUND STORM DRAIN.
- BUILDING SIGNAGE.
- DRIVE-THRU SIGN.
- EXTERIOR SCENCE LIGHTING.
- EXTERIOR EGRESS LIGHTING.
- EXTERIOR SPEAKER. SEE REFLECTED CEILING PLAN AND BUILDING CANOPY DETAILS.
- GAS METER. SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

- GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.
- GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.
- SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.
- SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.
- SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.
- GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.



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GPD Engineering and Architecture
Professional Corporation - 52715
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AKRON, OH 44311
P: 330-572-2100 F: 330-572-2199
GPD PROJECT NO: 2020261.36

Professional Engineer
No. 52715
10433
09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**BUILDING EXTERIOR
ELEVATIONS**
SCALE: AS SHOWN

SHEET NUMBER:
A202

SITE SCHEDULE - "Y"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

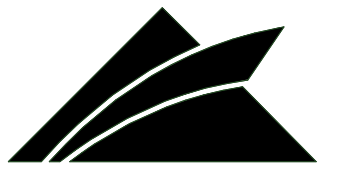
EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON-ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 48IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



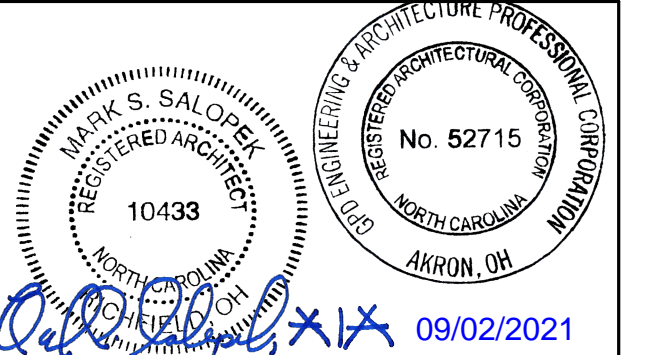
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Professional Corporation - 52715
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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
A601

DOOR SCHEDULE - "D"									
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS	
Exterior									
10449	1	DOOR - STOREFRONT METAL FRAME DOUBLE - TYPE A	6' - 0"	7' - 0"	3-A	LL	LL		
10205	2	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	2-A	LL	LL		
X10111	3	HOLLOW METAL EXTERIOR SERVICE DOOR - SINGLE SERVICE	3' - 6"	7' - 0"	42	LL	LL		
Interior									
10190	127	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	DOOR FINISH : WD0073. FRAME FINISH : MT0028	
10190	128	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	DOOR FINISH : WD0073. FRAME FINISH : MT0028	

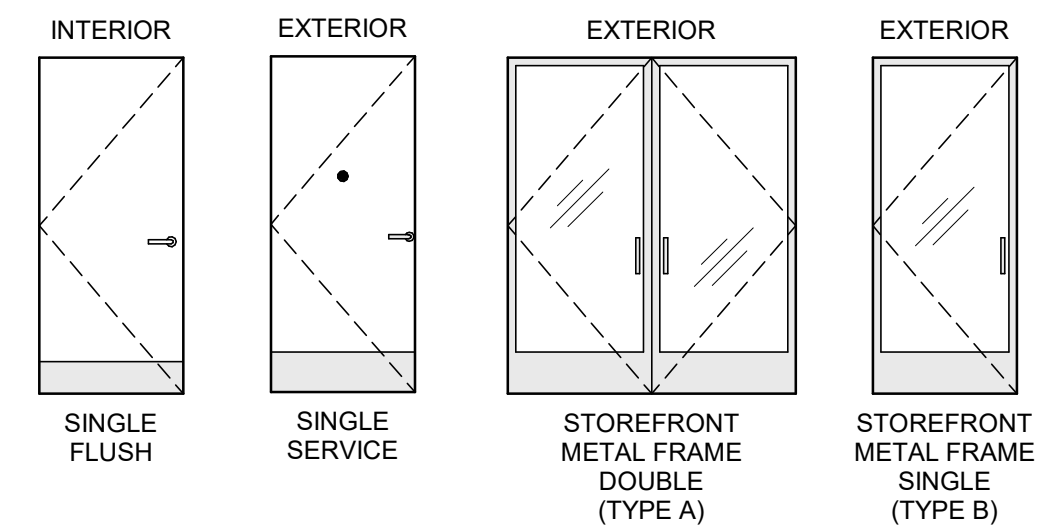
DOOR HARDWARE SET NO. 2-A - For new single aluminum secondary entry/exit door (50 or more occupancy)				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TH2314/MPB91	McKinney	630
1	Securing Devices	CD35A-NL-OP Panic Device	Von Duprin	628/630
2	Securing Devices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Securing Devices	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices	KB632-2 Cut User Key "A" Keyway	Falcon Lock	----
1	Securing Devices	C953 7-Pin Rim Cylinder Housing	Falcon Lock	626
1	Securing Devices	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
1	Securing Devices	A08794-003 Adjustable Ring, Mortise Cyl. 516-13/32	Falcon Lock	626
1	Operating Trim	108 Door Pull Handle	Rockwood	630
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

DOOR HARDWARE SET NO. 3-A - For pair aluminum main entry/exit doors (300 or less occupancy)				
No.	Item	Description	Manufacturer	Finish
6	Hanging Devices	TH2314/MPB91	McKinney	630
1	Securing Devices (active leaf)	MS1850S Deadbolt	Adams Rite	626
1	Securing Devices (inactive leaf)	MS1880 Two-Point Flushbolt	Adams Rite	626
2	Securing Devices (active leaf)	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Securing Devices (active leaf)	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices (active leaf)	KB632-2 Cut User Key "A" Keyway	Falcon Lock	---
2	Securing Devices (active leaf)	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
2	Securing Devices (active leaf)	A08794-003 Adjustable Ring, Mortise Cyl. 516-13/32	Falcon Lock	626
2	Operating Trim	108 Door Pull Handle	Rockwood	630
2	Operating Trim	48 Push Bar x 31	Rockwood	630
2	Closing Devices	8916 Door Closer 8916 AF89P AL	Dorma	689
2	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626
2	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

DOOR HARDWARE SET NO. 6 - For restroom door with lever and privacy lock				
No.	Item	Description	Manufacturer	Finish
3	Hanging Items	TA2714/MPB79 Hinge MacPro Bearing 4.5 x 4.5	McKinney	626
1	Securing Devices	PB5425LN Lock, Shallow Coin Turn, Privacy PB5425LN-693-497 1-3/4	Yale Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" Each Side 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626

DOOR HARDWARE SET NO. 42 - For exterior 42" wide service door				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TH2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR Includes Mortise Cylinder	Sur-Lock	---
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 40"	Rockwood	630
1	Accessories	137NA Weather Strip 20" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS / 1000 Door Scope	Security Products	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected

DOOR LEGEND



GENERAL NOTES

- A. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS. GC TO INSTALL.
- B. SEE SHEET A101 FOR TAGGED LOCATION OF EXTERIOR DOORS AND WINDOWS.
- C. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)
- D. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):
 - a) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
 - b) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
 - c) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.
 - d) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
 - e) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.
- E. SPY SCOPE HARDWARE, WHERE INSTALLED SHALL BE CENTERED IN DOOR AT 54" (1370MM) A.F.F.



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GPD PROJECT NO: 2020261.36

Professional Engineer Seal: No. 52715, State of Ohio, Exp. 09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #:	59763
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ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
WINDOW AND DOOR SCHEDULES & DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A602

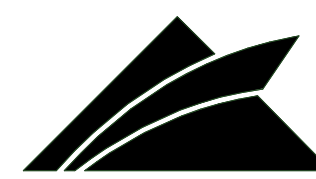


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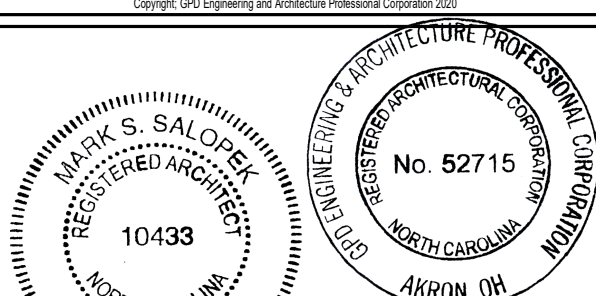
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PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1101

KEYED NOTES

1. INSTALL EXTERIOR FURNITURE THROUGHOUT AS SHOWN.
2. INSTALL CAFE FURNITURE THROUGHOUT AS SHOWN.
3. COMMUNITY TABLE. SEE FURNITURE SCHEDULE.
4. COMMUNITY BOARD. SEE INTERIOR FINISH ELEVATIONS.
5. CONDIMENT CART. SEE INTERIOR FINISH ELEVATIONS.
6. PLACE MERCHANDISE FIXTURES AND RETAIL FLOOR BASKETS PER PLAN. STORE OPERATORS TO ORDER RETAIL FLOOR BASKETS.
7. MERCHANDISE DISPLAY. SEE INTERIOR DETAILS FOR MORE INFORMATION.
8. DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
9. SAFE LOCATED AT POS CABINET. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
10. HAND SINK W/ INTEGRAL SPLASH GUARD.
11. INSTALL CORNER GUARD AS INDICATED. SEE INTERIOR FINISH ELEVATIONS.
12. LOCATION OF SWITCH GEAR AND THERMOSTAT CONTROLS. ADDITIONAL INFORMATION.

KEYED NOTES

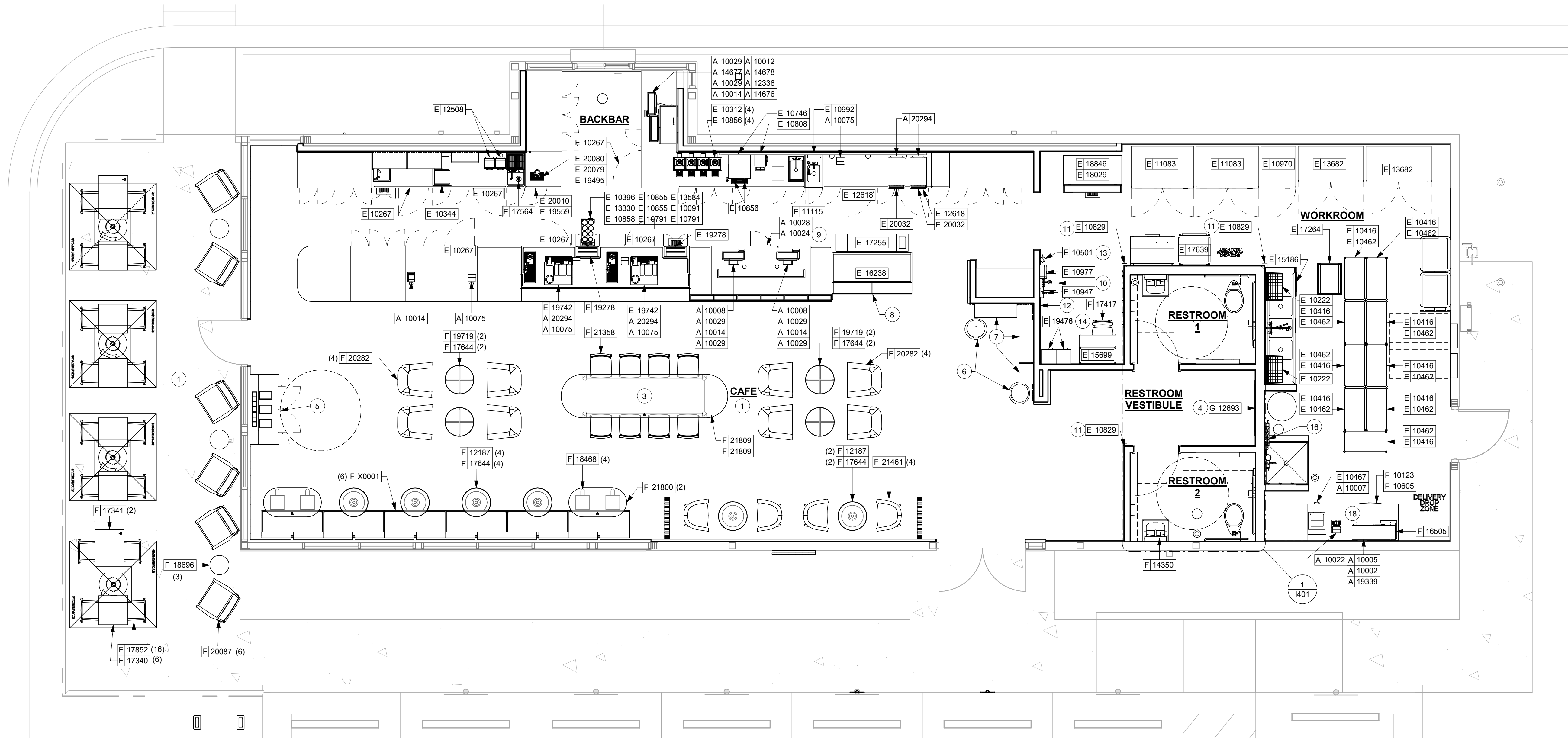
13. FIRE EXTINGUISHER, FINAL LOCATION AND QUANTITY PER JURISDICTIONAL REQUIREMENTS.
14. SECURE LOCKERS TO WALL.
15. VENDOR TO INSTALL WATER FILTRATION SYSTEM PER MANUFACTURER'S REQUIREMENTS. G.C. TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
16. WATER HEATER. SEE PLUMBING DRAWINGS.
17. G.C. TO REVERSE HINGE ON U.C. REFRIGERATOR TO LEFT HAND SWING AS SHOWN.
18. MANAGERS DESK. SEE MANAGER'S DESK/EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.

GENERAL NOTES

- A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED START UP CONTRACTORS, CONTACT PROJECT CONSTRUCTION REPRESENTATIVE.
- B. THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- C. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.
- D. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.
- E. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- F. ALL EQUIPMENT AND CABINERY WILL BE FLUSH MOUNTED TO COUNTERTOPS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.
- G. CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).
- H. FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.
- I. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

GENERAL NOTES

- J. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- K. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.
- L. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.
- M. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.
- N. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.



1 1ST FLOOR - FURNITURE, FIXTURES, AND EQUIPMENT PLAN
Scale: 1/4" = 1'-0"



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9/2/2021 8:55:42 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



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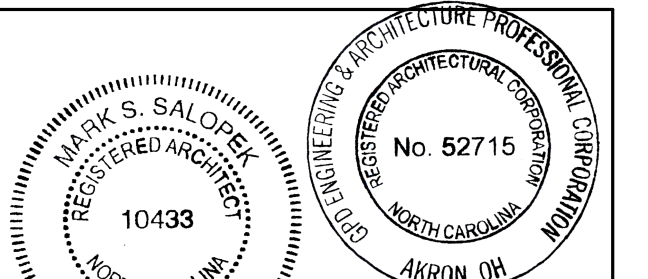
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P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

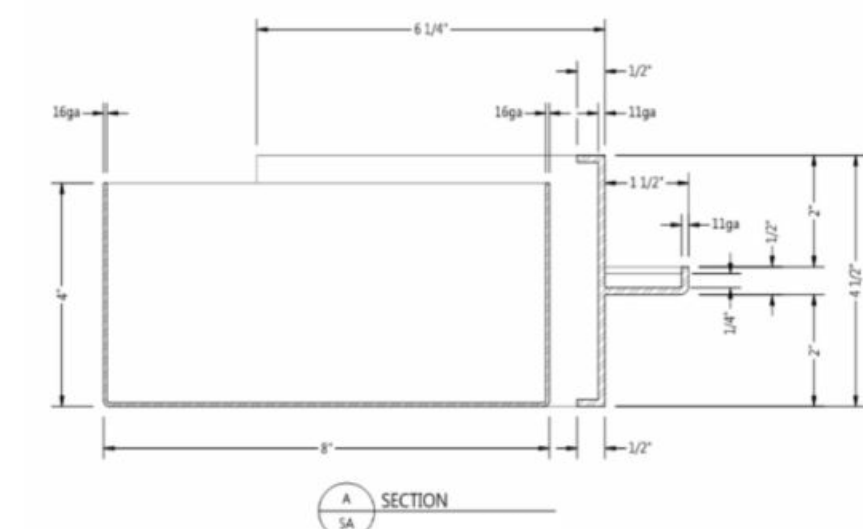
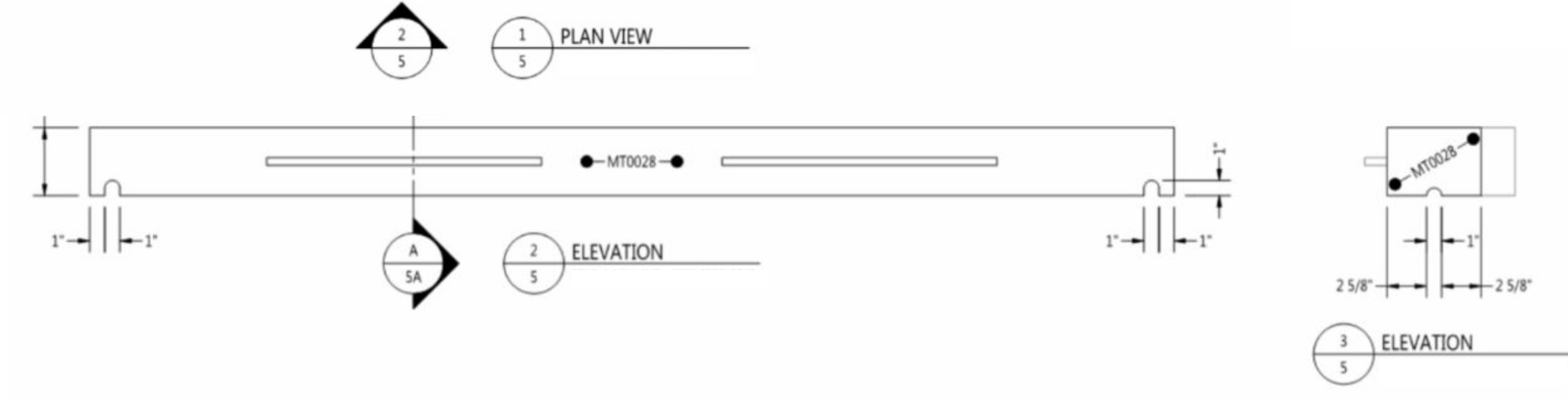
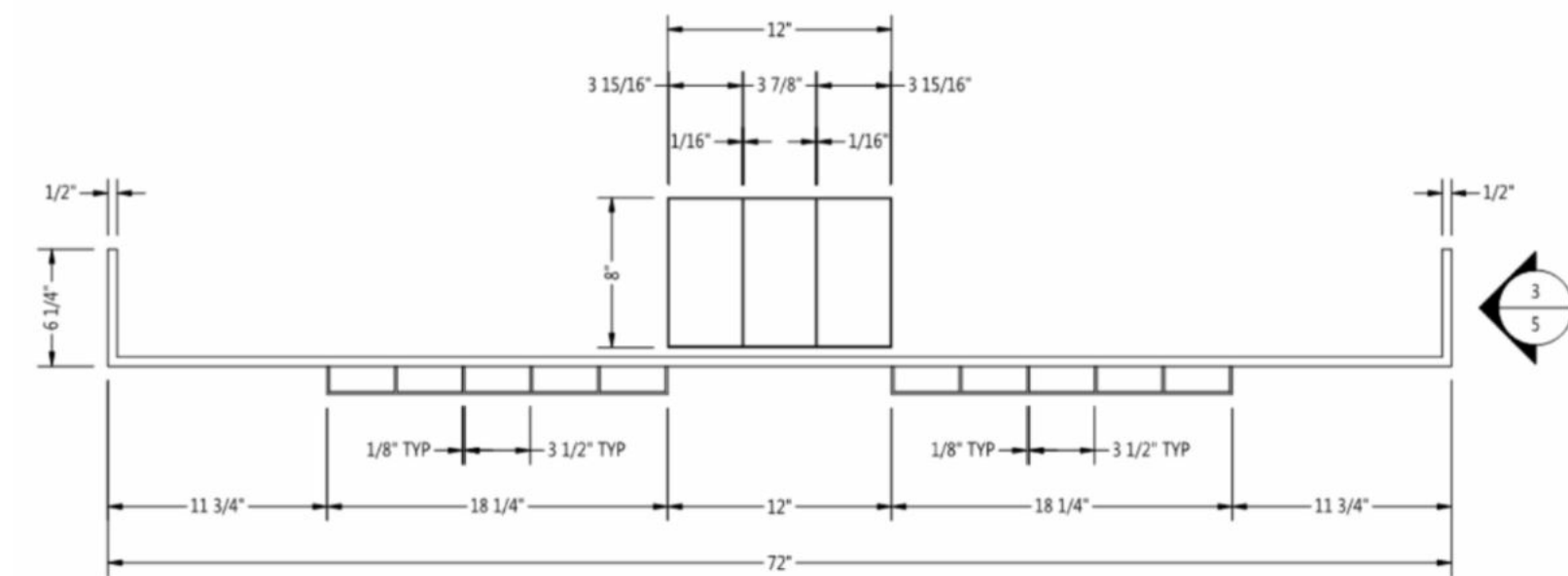
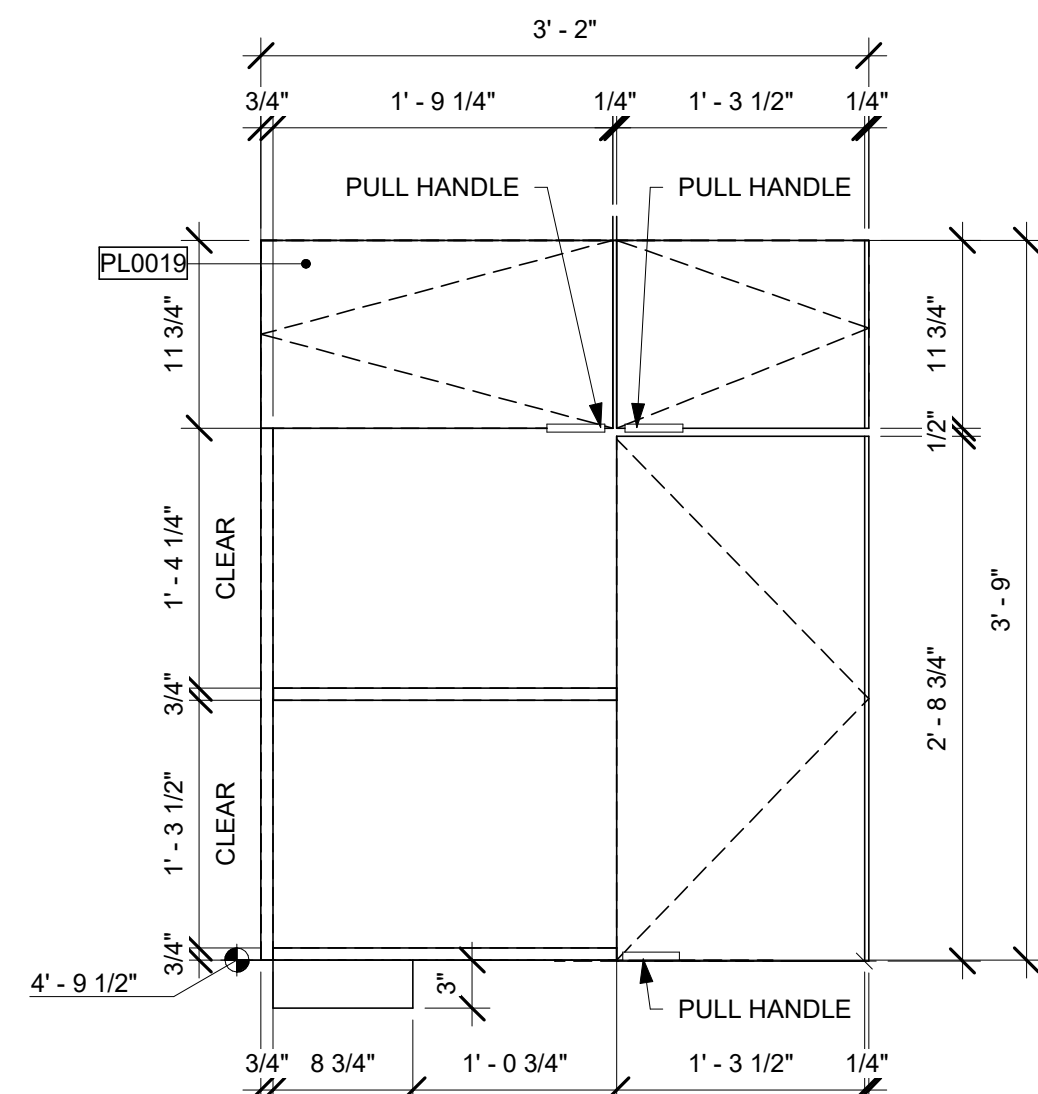
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CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
1102B

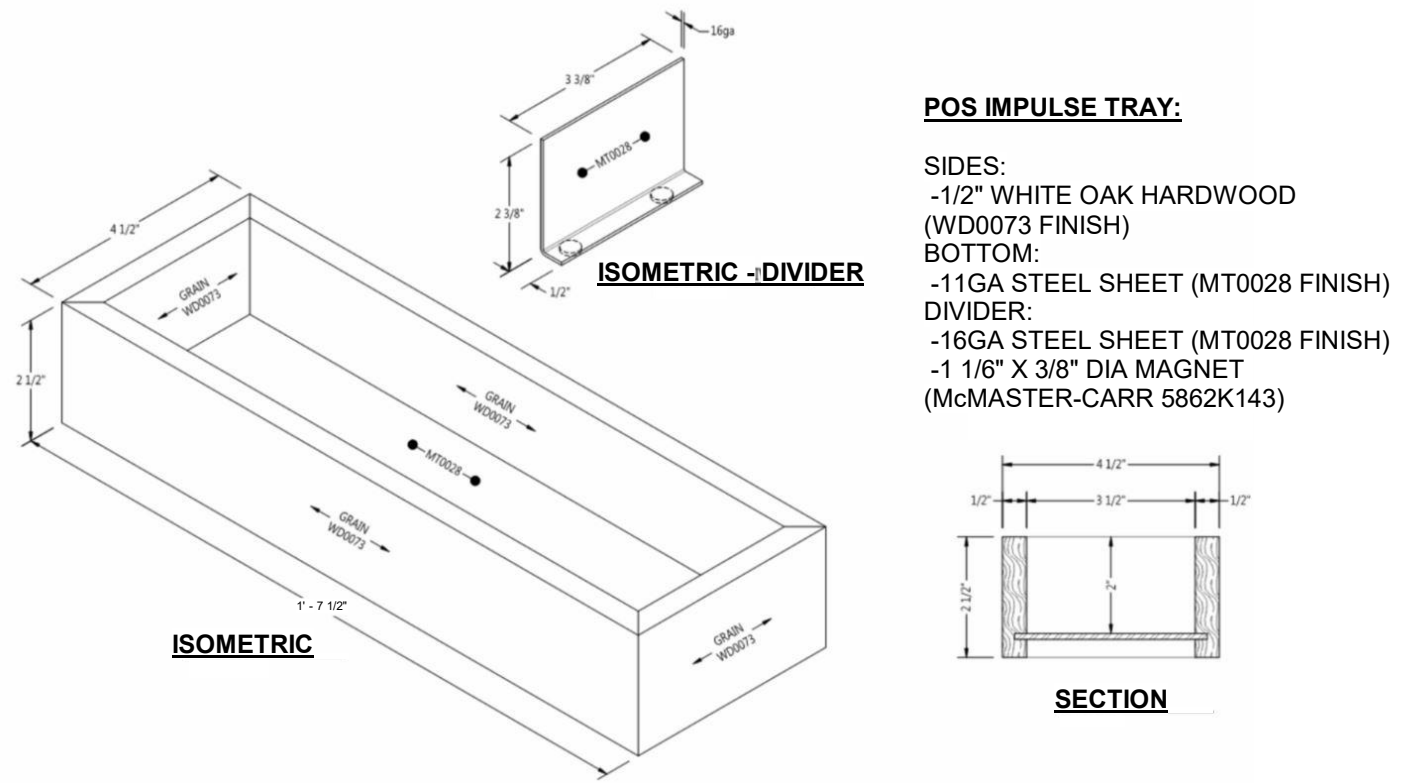
6 ENLARGED DT POS CSWK

Scale: 1" = 1'-0"



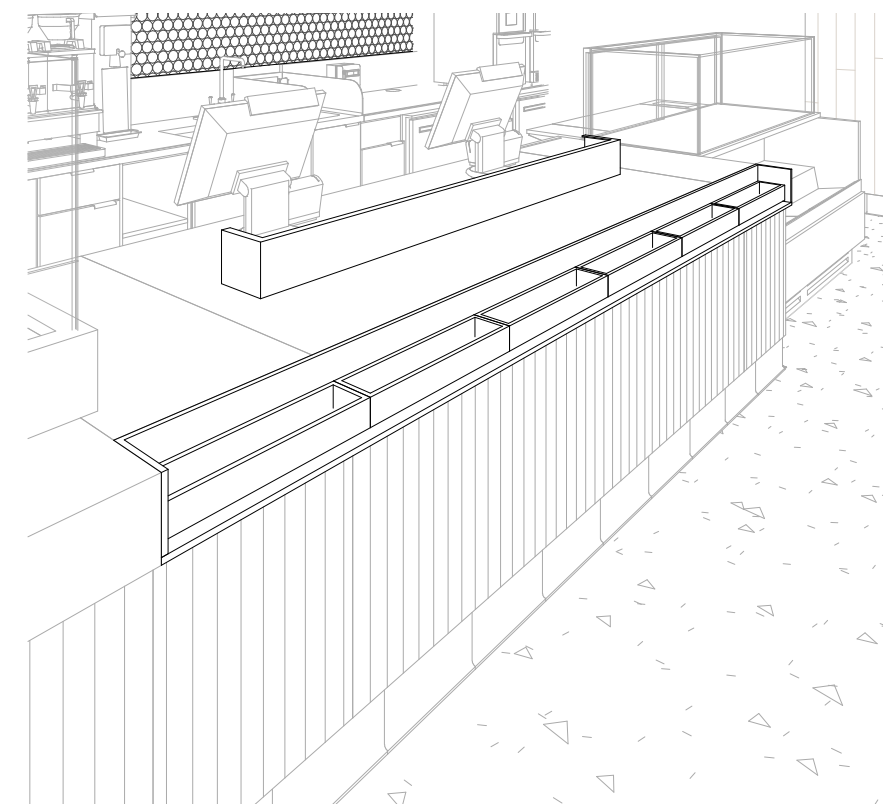
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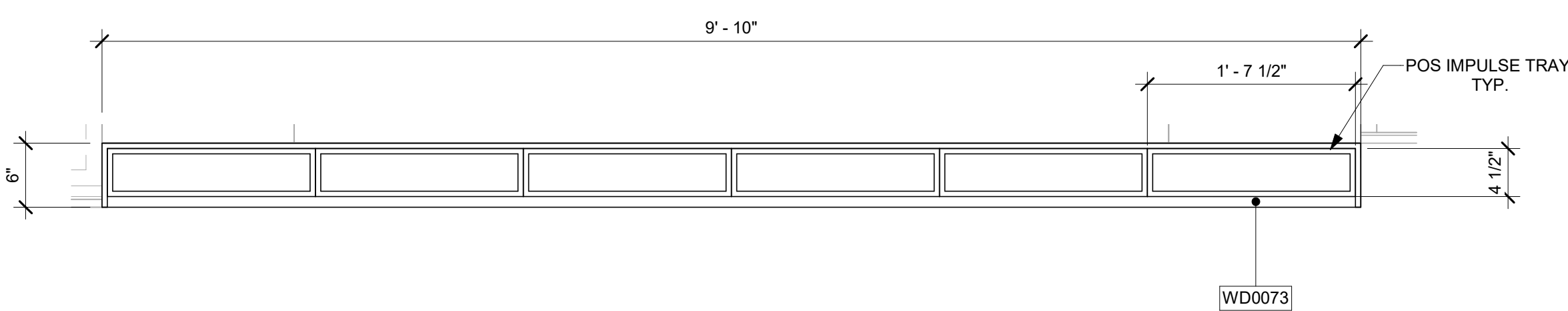
4 POS IMPULSE TRAY DETAILS

Scale: 3" = 1'-0"



5 3D View

Scale:

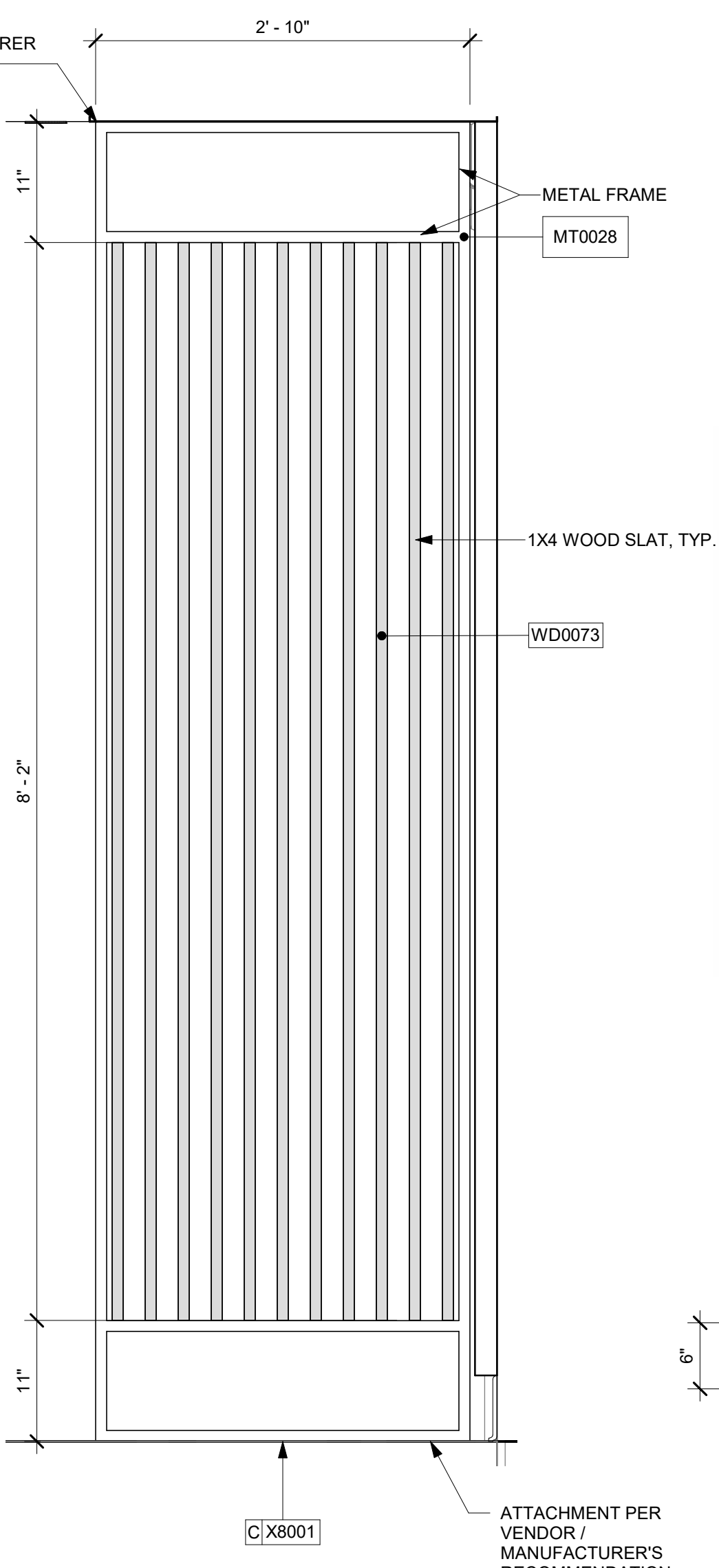


3 SMALLWARE CASEWORK

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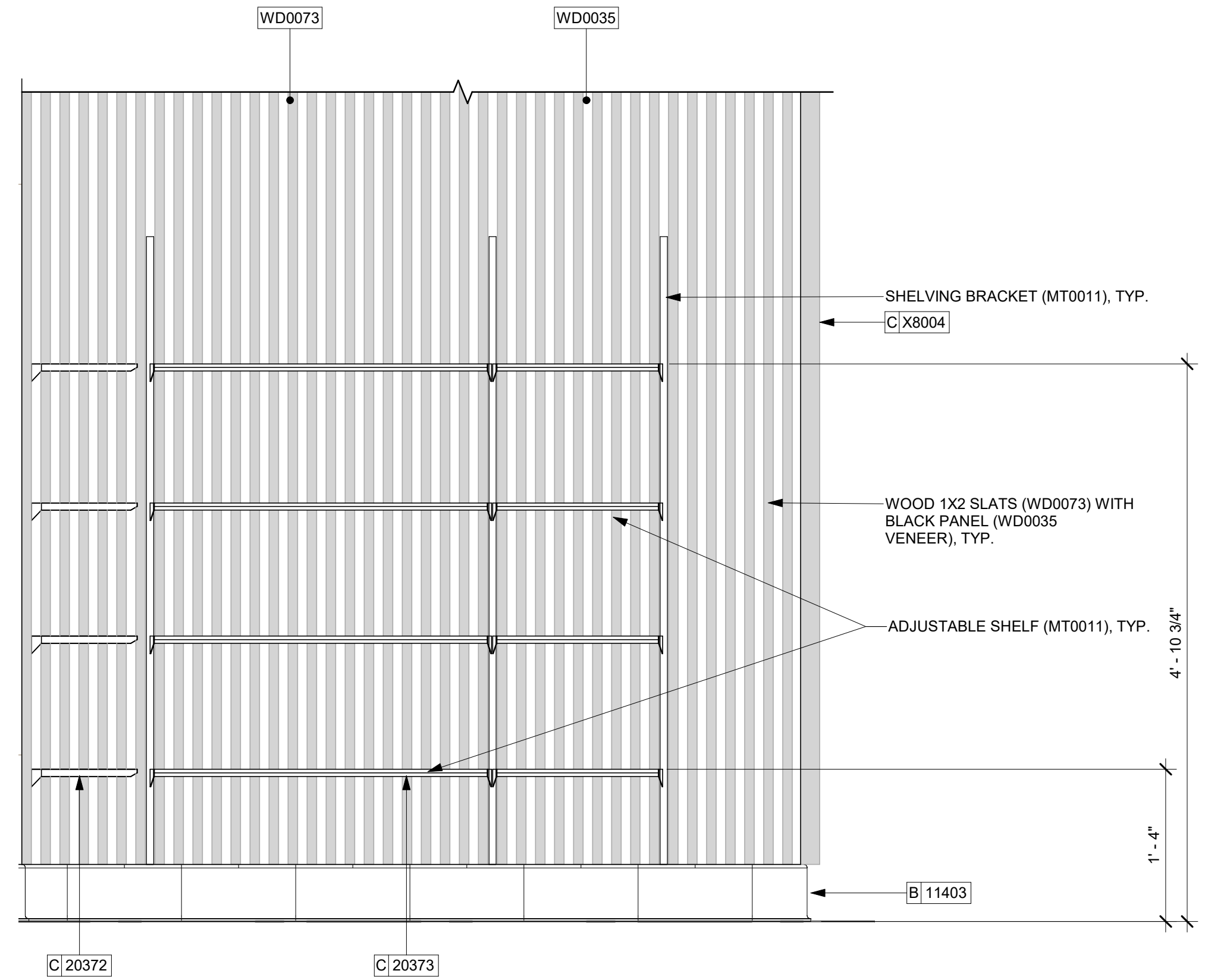
2 CUSTOM SCREEN

Scale: 1" = 1'-0"



1 MERCH ELEVATION

Scale: 1" = 1'-0"



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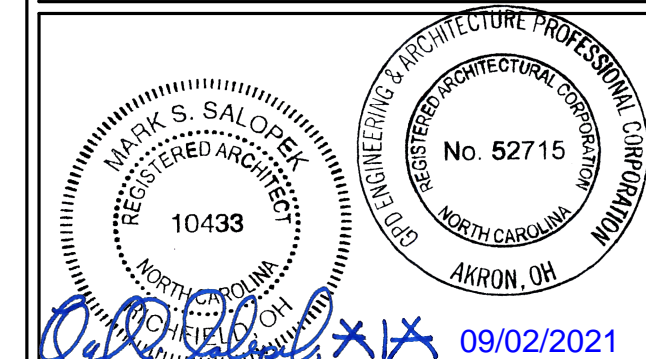
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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
REFLECTED CEILING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1103

KEYED NOTES

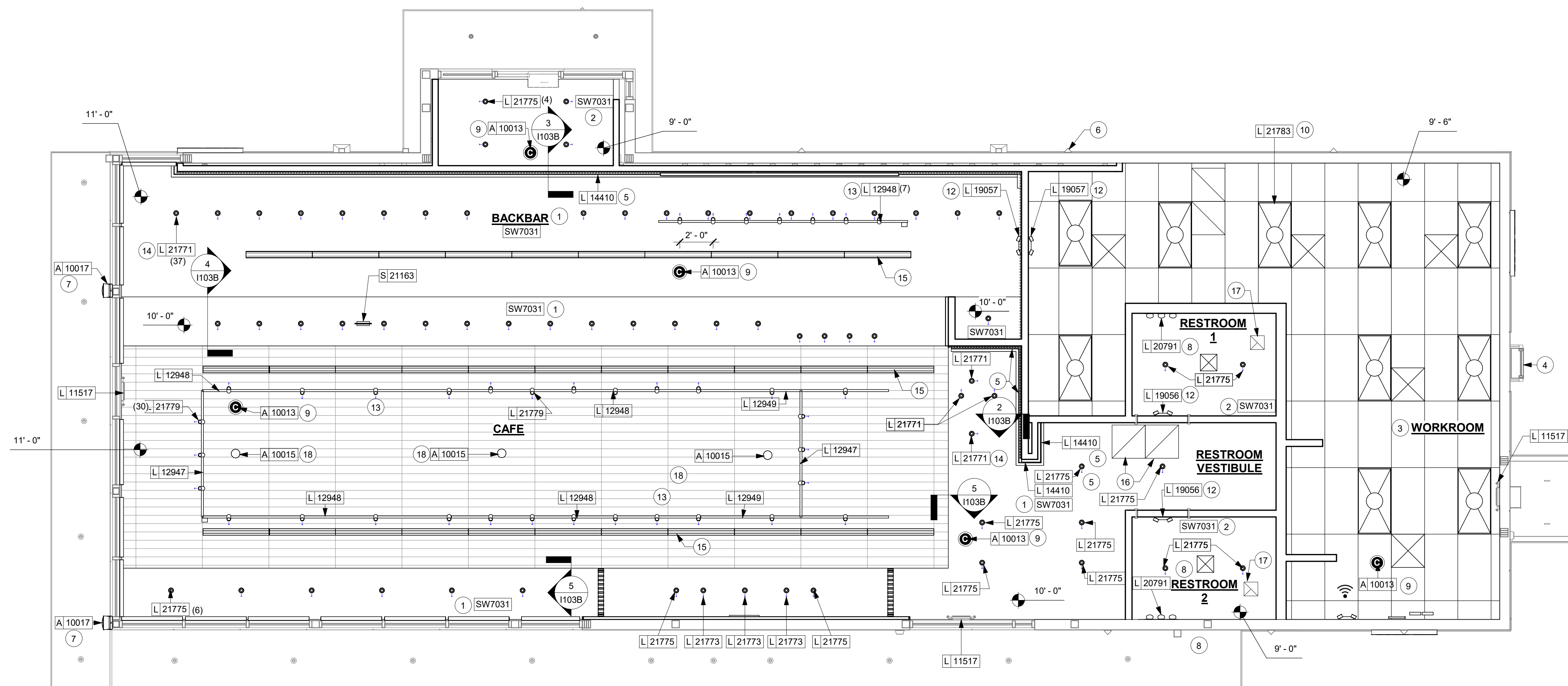
- GWB SOFFIT WITH SMOOTH FINISH (PAINT AS SCHEDULED).
- GWB CEILING. PAINT CEILING DIFFUSERS AS INDICATED.
- WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE.
- ROOF LADDER AND ACCESS HATCH.
- LED STRIP LIGHT IN LIGHT COVE.
- EXISTING EXTERIOR LIGHT SCONCE. SEE EXTERIOR ELEVATIONS BY LL, TYP.
- EXTERIOR SPEAKER REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
- LIGHT SCONCE. SEE RESTROOM ELEVATIONS FOR MOUNTING LOCATION, SEE ELECTRICAL FOR ADDITIONAL DETAILS.
- SECURITY CAMERA.
- 2X4 LIGHT TROFFER, SEE ELECTRICAL, TYP.
- EXIT LIGHTING, SEE ELECTRICAL.
- EMERGENCY LIGHT, SEE ELECTRICAL BY LL.
- TRACK LIGHTING FIXTURE, SEE INTERIOR ELEVATIONS FOR HEIGHTS, SEE ELECTRICAL FOR MORE INFORMATION, TYP.
- RECESSED CAN LIGHT, SEE ELECTRICAL, TYP.
- SUPPLY DIFFUSER PAINT TO MATCH CEILING, SEE MECHANICAL, TYP.
- RETURN GRILLE PAINT TO MATCH CEILING, SEE MECHANICAL, TYP.
- EXHAUST GRILLE, SEE MECHANICAL, TYP.
- RECESSED SPEAKER.

GENERAL NOTES

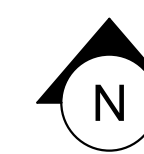
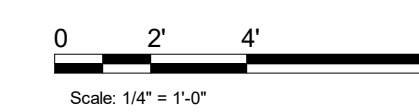
- REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.
- IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GWB SOFFIT OVER FRONT BAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
- LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.
- PROVIDE GROMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.
- HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).
- PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- DATA CABLING ABOVE HEAD SHALL BE IN PLENUM WHEN AVAILABLE.
- DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

LEGEND

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- RECESSED CAN LIGHT
- ADJUSTABLE RECESSED CAN LIGHT
- TROFFER
- WALL SCONCE
- EXIT SECURITY LIGHT
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- MUSIC SYSTEM PENDANT SPEAKER
- WIFI ACCESS POINT (WAP)
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- LINEAR DIFFUSER



1 1ST FLOOR - REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



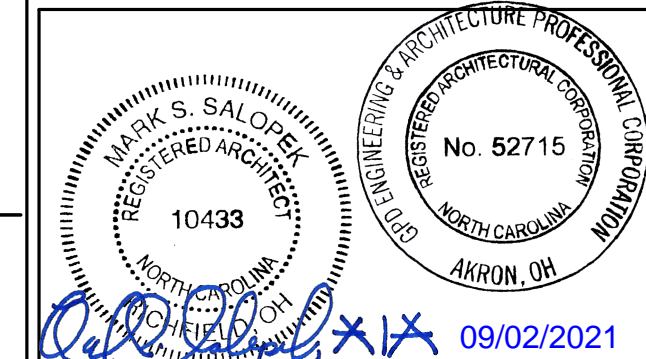


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GPD Engineering and Architecture
Professional Corporation - 52715
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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
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CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
LIGHTING PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1103B

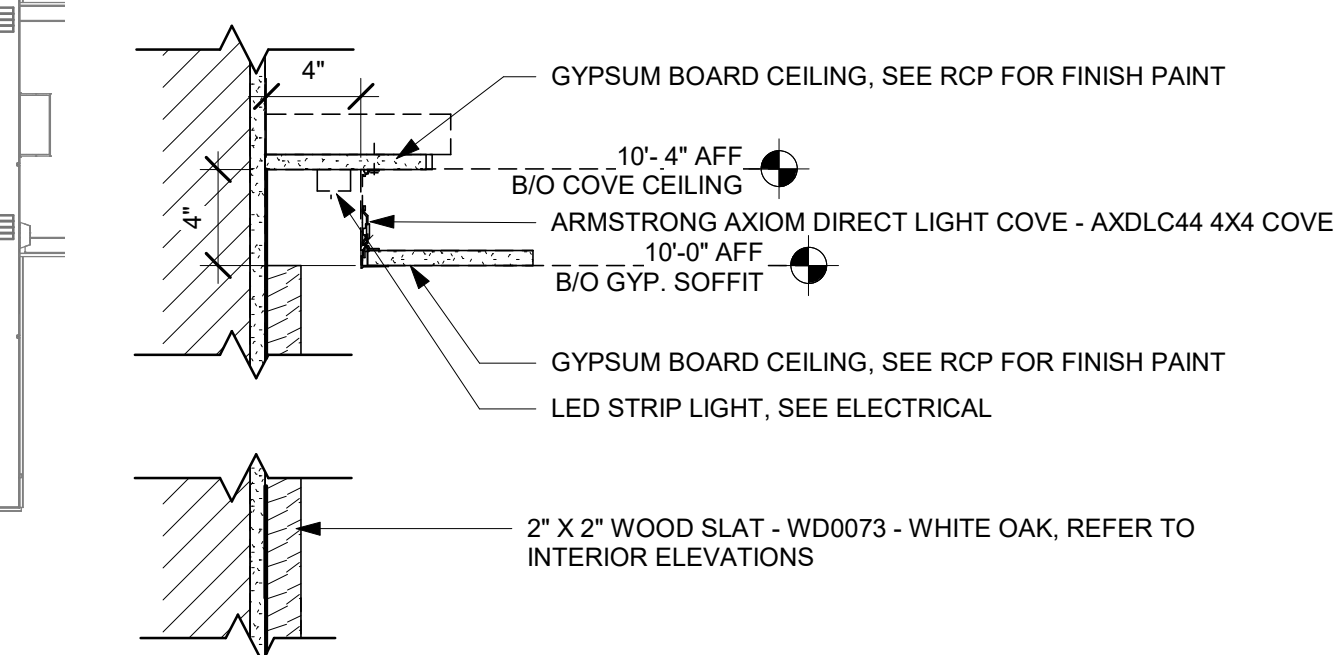
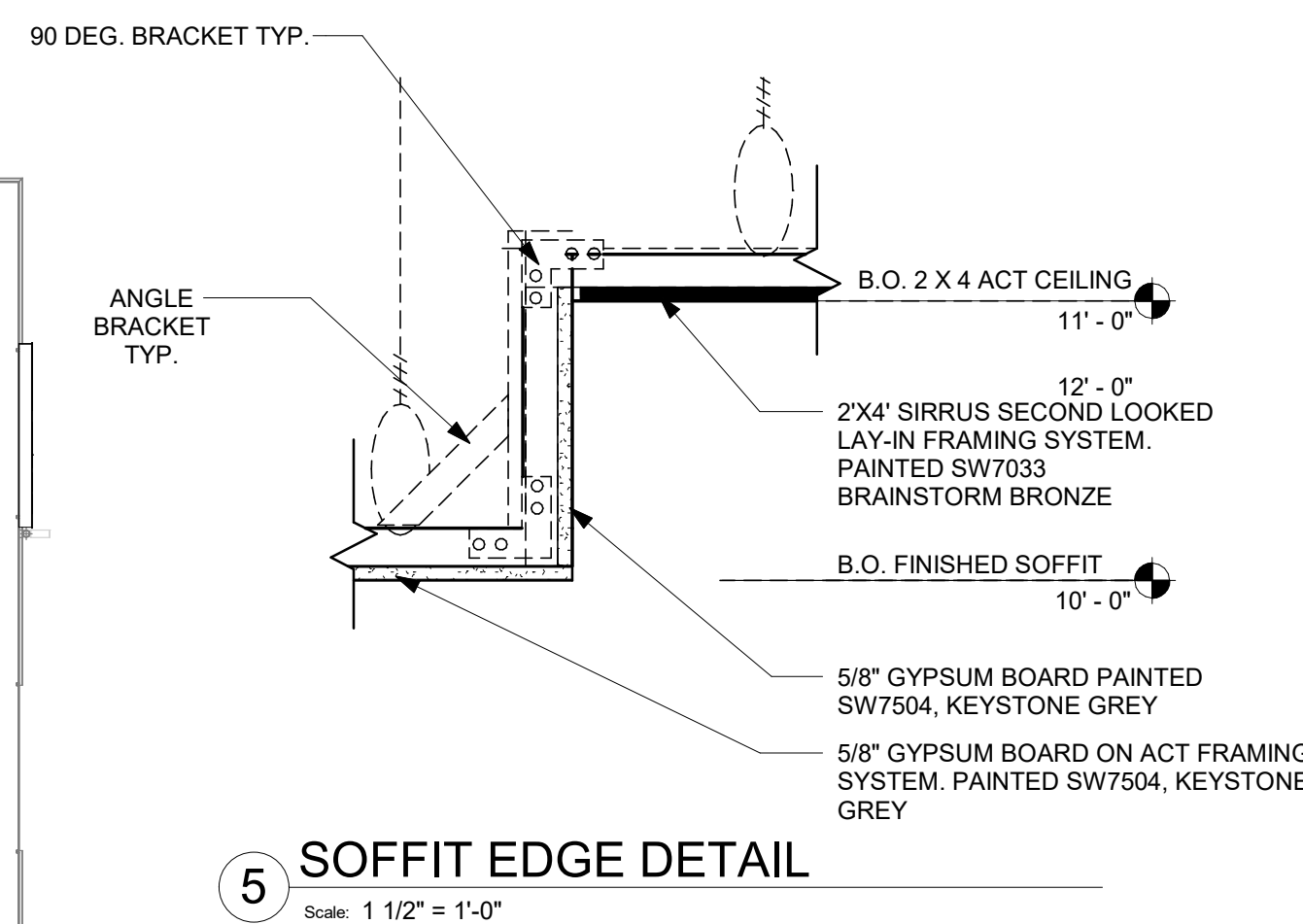
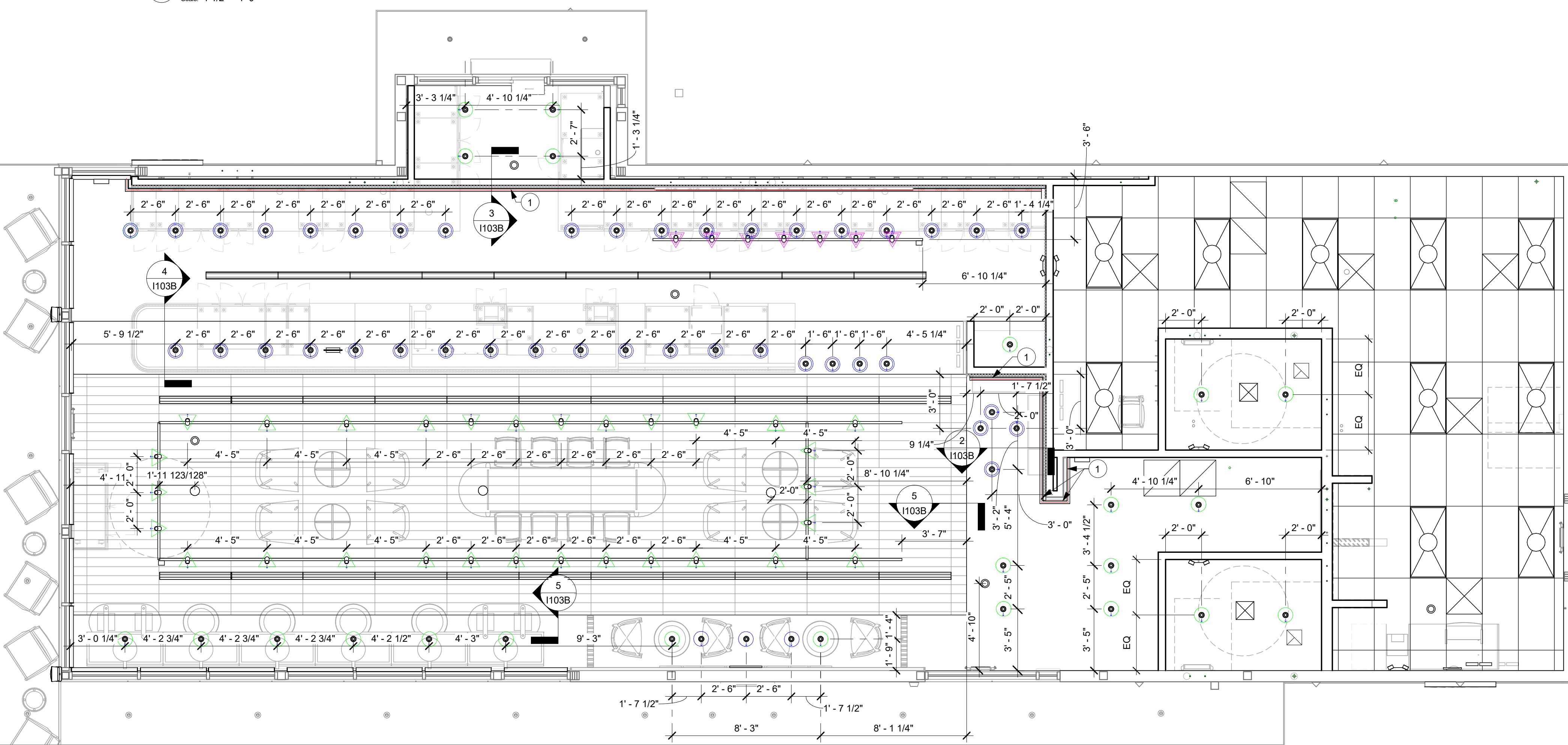
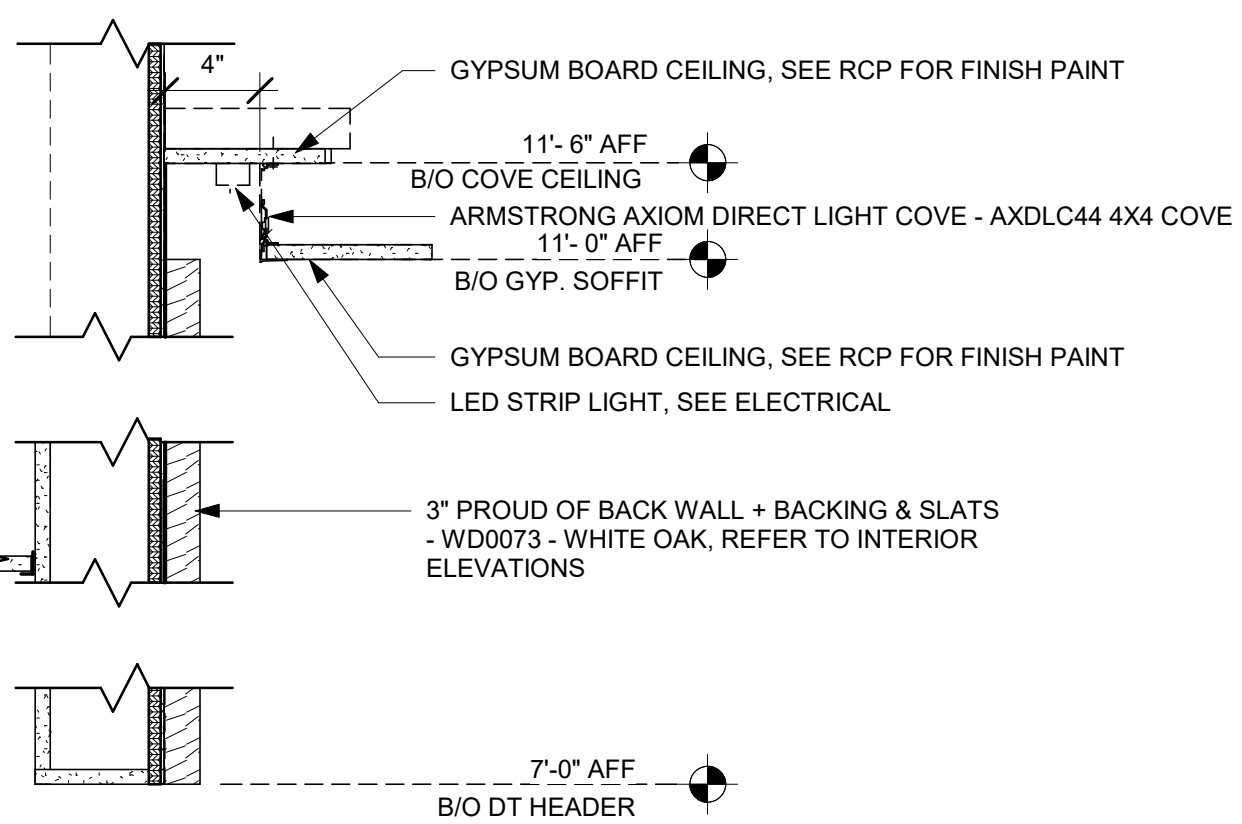
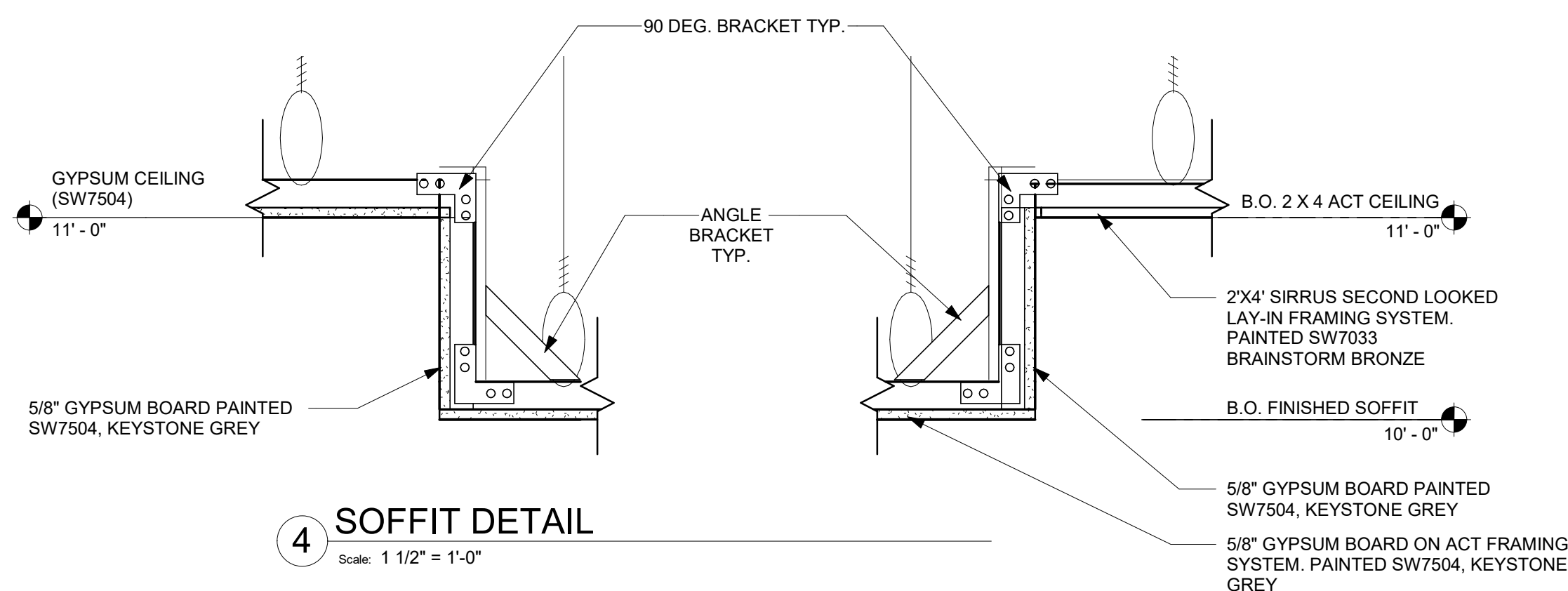
LIGHTING PLAN NOTES

- IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GYPSUM SOFFIT OVER FRONTBAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
- GENERAL CONTRACTOR TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT STARBUCKS CONSTRUCTION MANAGER IF DESIGN INTENT IS AFFECTED.
- WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOLDING FOR REVEAL. MATCH CEILING GRID COLOR WHEN APPLICABLE.
- LEAVE (10) ADDITIONAL RETAIL CEILING TILES, TO MATCH RETAIL CEILING PANEL COLOR, ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) SHOWN FOR DESIGN INTENT ONLY. CONTACT PROJECT MANAGER IF CHANGED.
- DIFFUSERS AND RETURNS AT BACKBAR IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE, PAINTED TO MATCH ADJACENT FINISHES, TYPICAL.
- PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, RECESSED SPEAKERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS NOTED OTHERWISE. TYPICAL THROUGHOUT RETAIL AREA OF STORE.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- SEE LIGHTING DESIGN PLAN FOR LIGHTING SCHEDULE, FIXTURE TYPES AND DIMENSIONED LOCATIONS.
- ADJUST EACH TRACK HEAD AT MENU BOARD LIGHTING SO LIGHT BEAMS ARE POINTING CONSISTENTLY. JUST BELOW THE CENTER OF EACH MENU BOARD PANEL. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.
- ALL FIXTURES IN FOOD PREPARATION AREA SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED.
- CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UON.

SHEET NOTES

- LIGHT COVE

LIGHTING FIXTURE SCHEDULE & LEGEND - "L"							
SYMBOL	DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
ADDITIONAL LIGHTING EQUIP.							
	CL1	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL1 1 AMP CURRENT LIMITER
	CL4	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL4 4 AMP CURRENT LIMITER
	EMS	1	VENSTAR EMS	SB	GC		SEE EMS SHEET FOR MORE INFORMATION
	PP	2	100 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
	PP2	1	200 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
EXIT							
	19056	2	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
	19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN							
	21771	41	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRATED LED	
	21773	3	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 700LM WF	SB	GC	INTEGRATED LED	
	21775	23	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE							
	20791	2	SCONCE - RBW PASTILLE VANITY - BLACK	SB	GC	INTEGRATED LED	
STRIP							
	14410	8	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	FIELD TRIMMABLE TO 6IN LENGTHS
TRACK							
	12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
	12948	5	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
	12949	2	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
	21777	7	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM SPOT	SB	GC	INTEGRATED LED	
	21779	30	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER							
	21783	10	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	



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FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
X17860	1197 SF	CONCRETE STAIN - LIGHT GREY	GC	GC	
PLASTIC					
19795	1085 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
WALK OFF MAT					
19288	36 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING

KEYED NOTES

- ALIGN TILE TRANSITION WITH FACE OF ADJACENT WALL/SURFACE WHERE INDICATED.
- FLOOR SINK LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING FOR ADDITIONAL INFORMATION.
- RECESSED ELECTRICAL. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
- RECESSED WALK-OFF MAT AT ENTRY.
- MOP SINK WHERE INDICATED. SEE PLUMBING PLANS FOR MORE INFORMATION.
- SEE BUILDING FLOOR PENETRATION PLAN AND PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

- WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.
- STARBUCKS TO SUPPLY FLOORING AND BASE FOR FRONT AND BACK OF HOUSE AS NOTED IN SCHEDULES. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.
- ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVERED BASE.

CONCRETE FINISH NOTES

FINISHING PROCESS FOR CONCRETE SLAB

- INTEGRAL GRINDING WILL BEGIN AT A MINIMUM OF 36 HYBRID BOND DIAMOND GRIT. AFTER A UNIFORM SCRATCH PATTERN HAS BEEN DEVELOPED IN THE SURFACE OF THE CONCRETE, BEGIN GRINDING THE FLOOR UP TO A DIAMOND GRIT ACCEPTABLE FOR DENSIFYING. LEVEL OF FINISH TO BE [OPEN AGGREGATE, SALT & PEPPER, LIGHT SAND] GC TO HAND GRIND OR USE A STAND-UP EDGER FOR GRINDING/POLISHING EDGE AND INSIDE CORNER CONDITIONS.
- CLEAN FLOOR WITH VEXCON CERTI-SHINE CLEAR DENSIFIER APPLIED IN MULTIPLE COATS.
- AFTER THE DENSIFIER HAS CURED, RINSE THE FLOOR WITH VEXCON CERTI-SHINE FIXATIVE. REMOVING UN-REACTED SILICATES FROM THE SURFACE OF THE CONCRETE AND IMPROVING THE CHEMICAL AND STAIN RESISTANCE OF THE POLISHED CONCRETE SYSTEM.
- ONCE THE RINSE HAS BEEN COMPLETED CONTINUE POLISHING THE FLOOR UP TO A 400 GRIT POLISH.
- CLEAN FLOOR AGAIN AND APPLY A VEXCON CERTISHINE FINISH COAT ULTRA WB IN MULTIPLE COATS. ALLOWING FOR OPTIMAL PENETRATION.
- AFTER THE STAIN PROTECTANT HAS CURED, BURNISH THE FLOOR WITH A HIGH SPEED BUFFER.

POLISHING PROCEDURE :

- ADHERE TO INDUSTRY STANDARD POLISHING PROCEDURES FOR DRY AND WET GRINDING/POLISHING IS ACCEPTABLE WHEN INDUSTRY STANDARD POLISHING PROCEDURES ARE ADHERED TO.
- SCRUB AND RINSE SLAB SURFACE WITH CLEAN WATER AND VACUUM WITH AUTO-SCRUBBER BETWEEN AND AFTER FINAL POLISHING PASSES.
- SEQUENTIAL PROGRESSION OF DIAMOND POLISHING STEPS SHALL BE REQUIRED AND LIMITED TO NO MORE THAN DOUBLE THE GRIT VALUE OF THE PREVIOUS DIAMONDS USED.
- OVERLAP ADJACENT POLISHING PASSES BY 25 PERCENT
- PERFORM EACH PASS PERPENDICULAR TO THE OTHER PASS NORTH/SOUTH THEN EAST/WEST; MULTIPLE PASSES MAY BE NEEDED
- PROGRESSIVELY GRIND AND POLISH THE SLAB SURFACE UTILIZING APPROVED DIAMOND SEGMENTS AS NECESSARY TO PRODUCE FINISHING REQUIREMENTS.

PREPARATION :

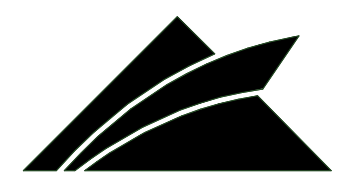
- Clean dirt, dust, oil, grease and other contaminants that interfere with penetration or performance of specified product from surfaces. Use appropriate concrete cleaners approved by the concrete surface treatment manufacturer where necessary. Rinse thoroughly using pressure water spray to remove cleaner residues. Allow surfaces to dry completely before application of product.
- Repair, patch and fill cracks, voids, defects and damaged areas in surface as approved by the Architect. Allow repair materials to cure completely before application of product.
- Variations in substrate texture and color will affect final appearance and should be corrected prior to application of sealer/hardener system and the polishing steps.
- Protect surrounding areas prior to application of densifiers and stains. If products are accidentally misapplied to adjacent surfaces, flush with water immediately before material dries.
- Avoid contact in areas not to be treated. Avoid contact with metal, glass and painted surfaces.
- Apply specified sealants and caulking and allow complete curing before application of penetrating concrete hardener/densifier.
- Test surfaces with droplets of water. If water beads and does not penetrate surface, or penetrates only in some areas, profile surfaces by grinding, sanding, or abrasive blasting. Retest and continue profiling surface until water droplets immediately darken and uniformly penetrate concrete surfaces.



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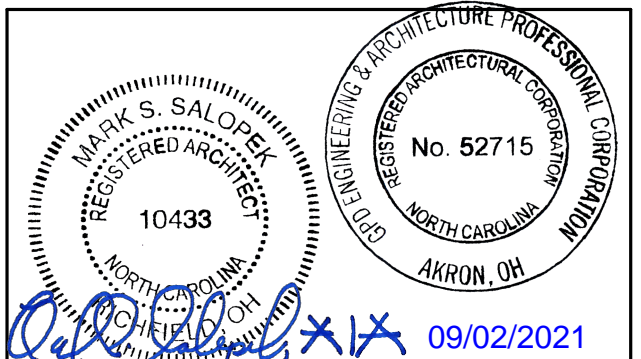
STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD Engineering and Architecture
Professional Corporation - 52715

520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2191

GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

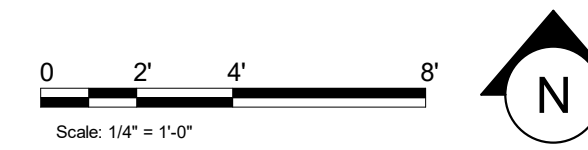
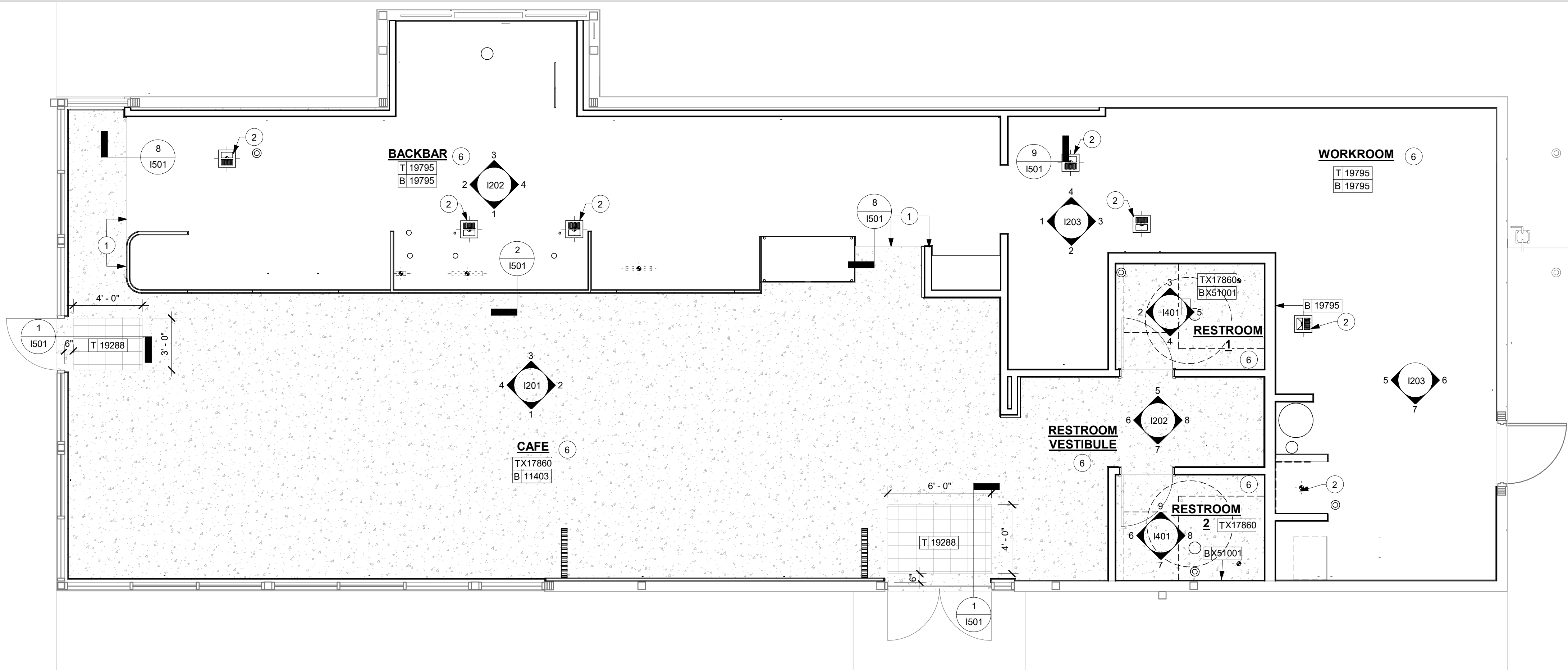
STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
FLOOR FINISH PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1104



1 1ST FLOOR - FLOOR FINISH PLAN
Scale: 1/4" = 1'-0"

9/2/2021 8:56:06 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

PAINT SCHEDULE					
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1595 SF	FRP - WHITE	GC	GC	
TILE					
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X560MM SHEET	SB	GC	GROUT: MAPEI - 10 BLACK, OR EQUAL
WALL COVERING					
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING

F_{SW7031} 4 F 10620 (TYP.)

GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
16908	1	ART - JENNIFER AMENT - STAR	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED OR RESIZED
X9001	1	ARTWORK - 1	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9002	1	ARTWORK - 2	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9003	1	ARTWORK - 3	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9004	1	ARTWORK - 4	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9005	1	ARTWORK - 5	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9006	1	ARTWORK - 6	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9007	1	ARTWORK - 7	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9008	1	ARTWORK - 8	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9009	1	ARTWORK - 9	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9010	1	ARTWORK - 10	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9011	1	ARTWORK - 11	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9012	1	ARTWORK - 12	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
GRAPHICS - INTERIOR MENU					
18984	7	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC	
19551	6	MENU BOARD - FRONT INSERT PANEL WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
19552	1	MENU BOARD - DAILY OFFERING CHALKBOARD WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
GRAPHICS - OTHER					
11135	2	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC	
12693	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM	SB	GC	

GENERAL NOTES

- FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
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- PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
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 - ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
 - WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
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- ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVERED BASE.
- ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.
- INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

- WALL CLADDING.
- ART WORK.
- CUSTOM SCREEN.
- ROOLER SHADE, TYP.



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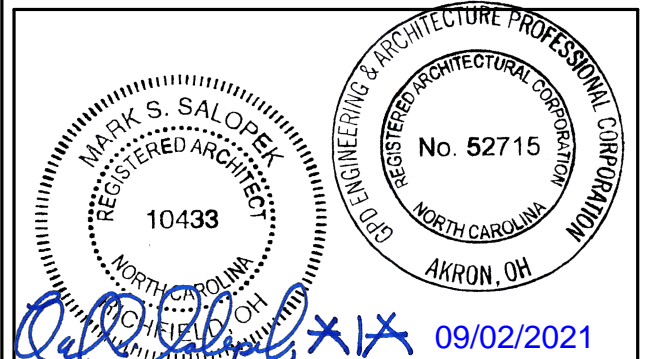
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P: 330-572-2100 F: 330-572-2199

GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

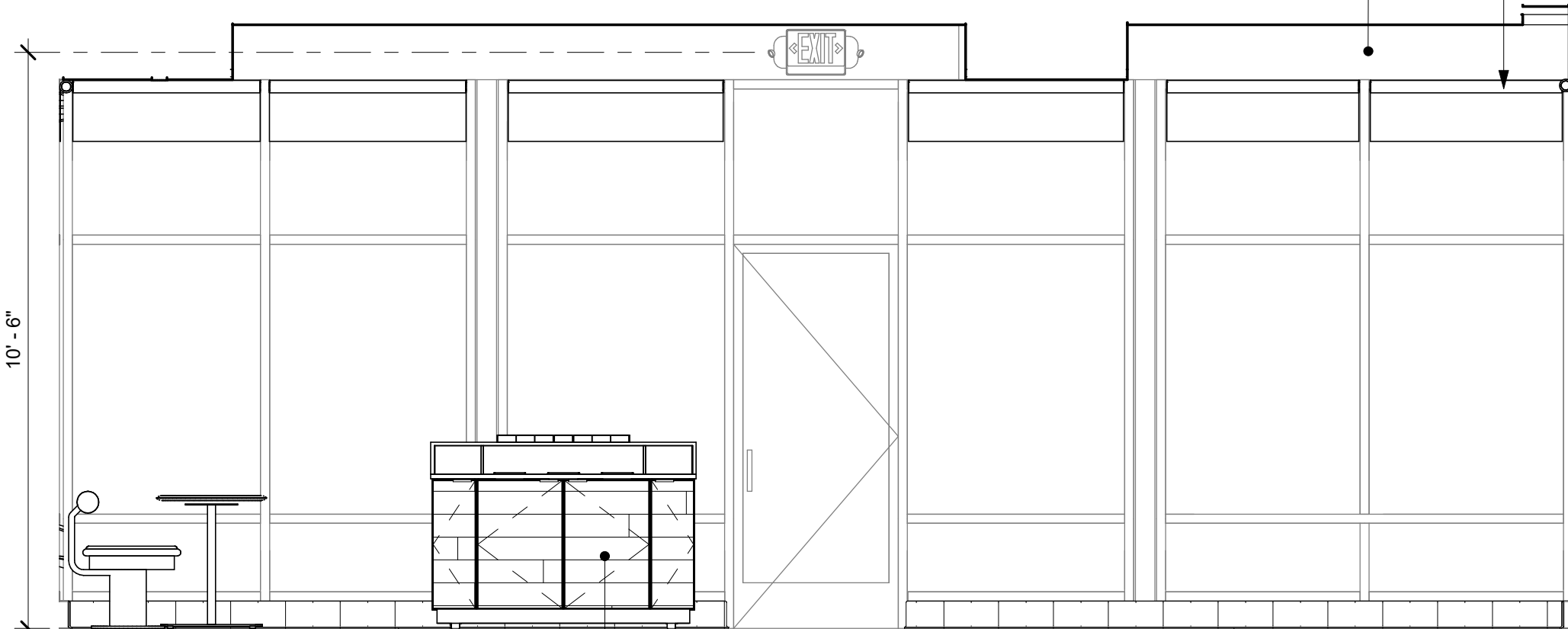
PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

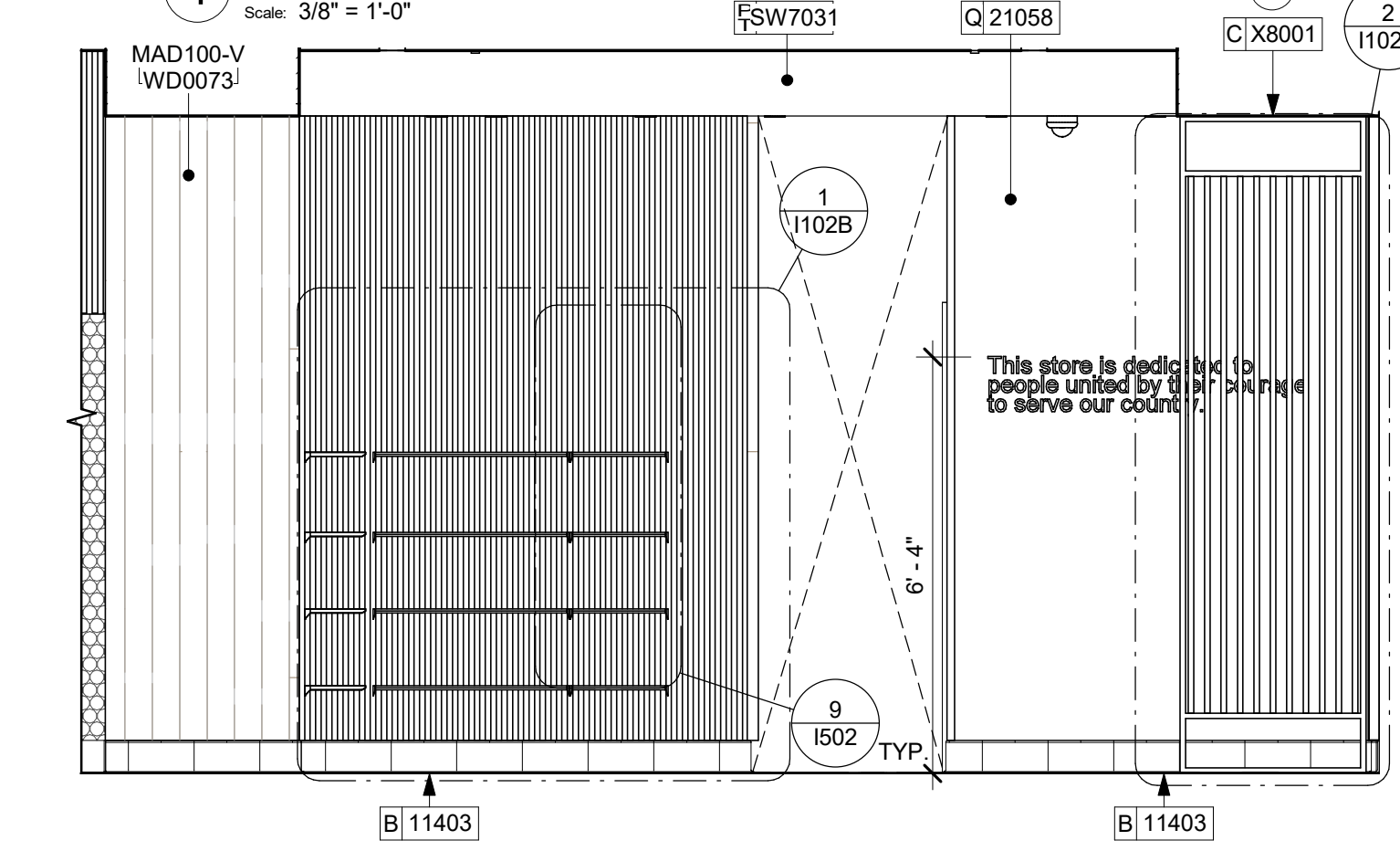
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

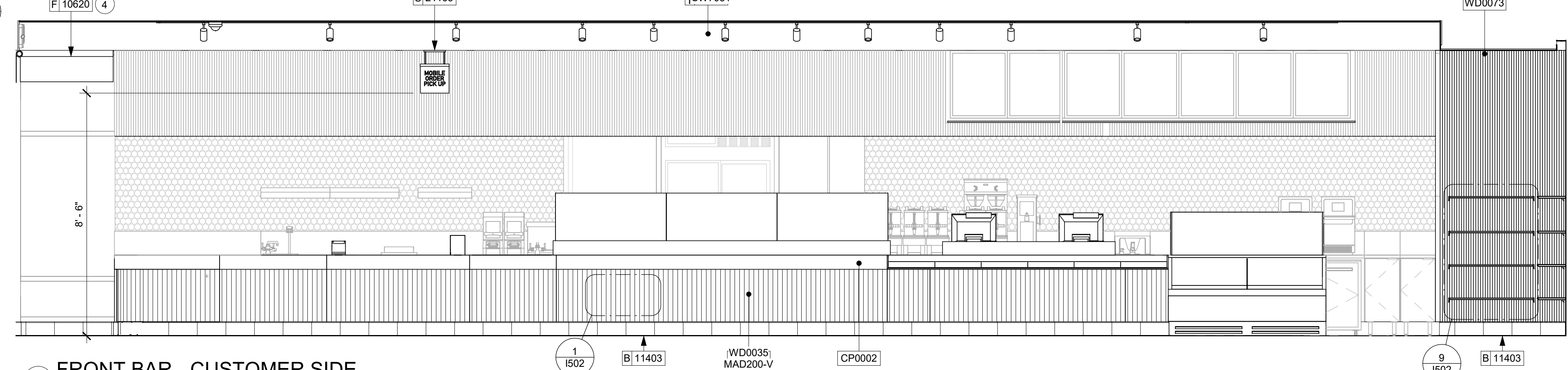
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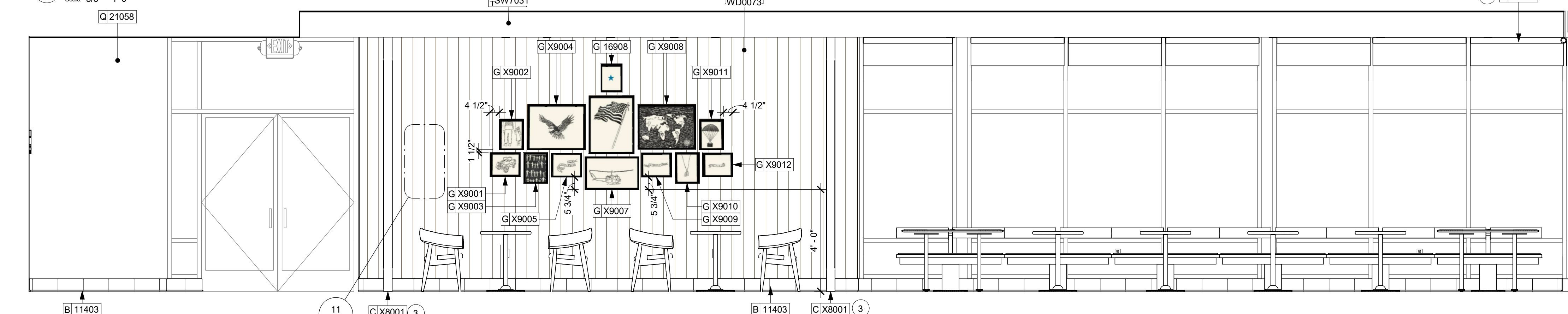
4 CAFE - SECONDARY ENTRY
Scale: 3/8" = 1'-0"



2 CAFE - MECH WALL / RR VESTIBULE ENTRANCE
Scale: 3/8" = 1'-0"



3 FRONT BAR - CUSTOMER SIDE
Scale: 3/8" = 1'-0"



1 CAFE - MAIN ENTRY
Scale: 3/8" = 1'-0"

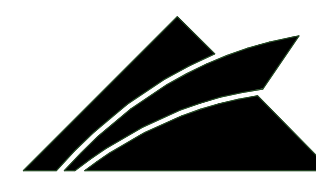


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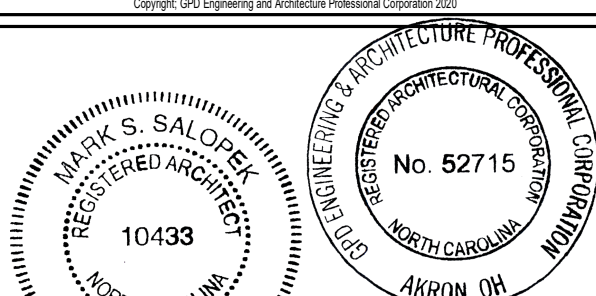


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AKRON, OH 44311

P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

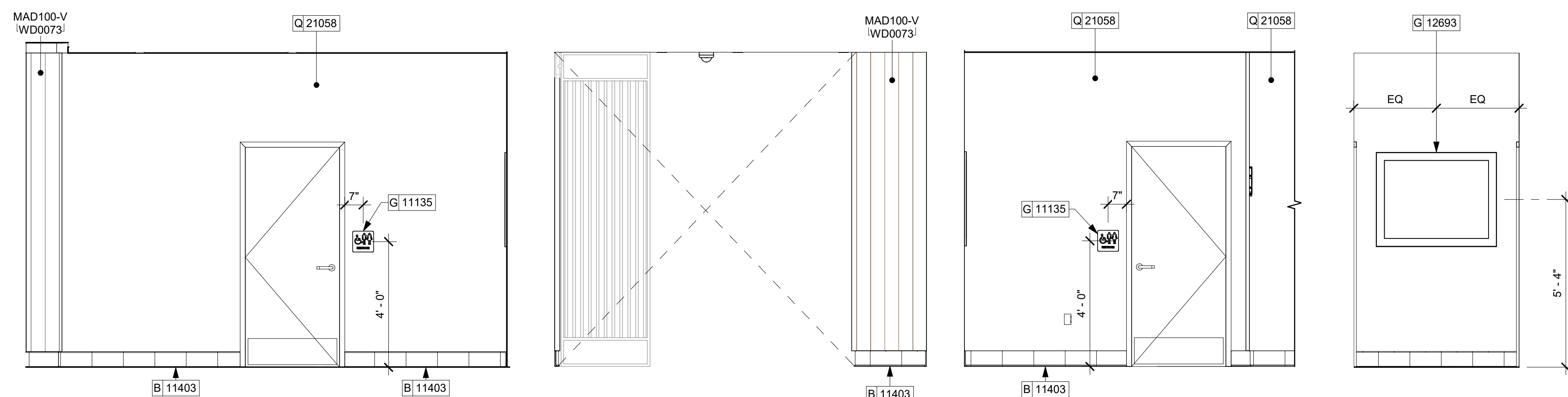
SHEET NUMBER:
1202

KEYED NOTES

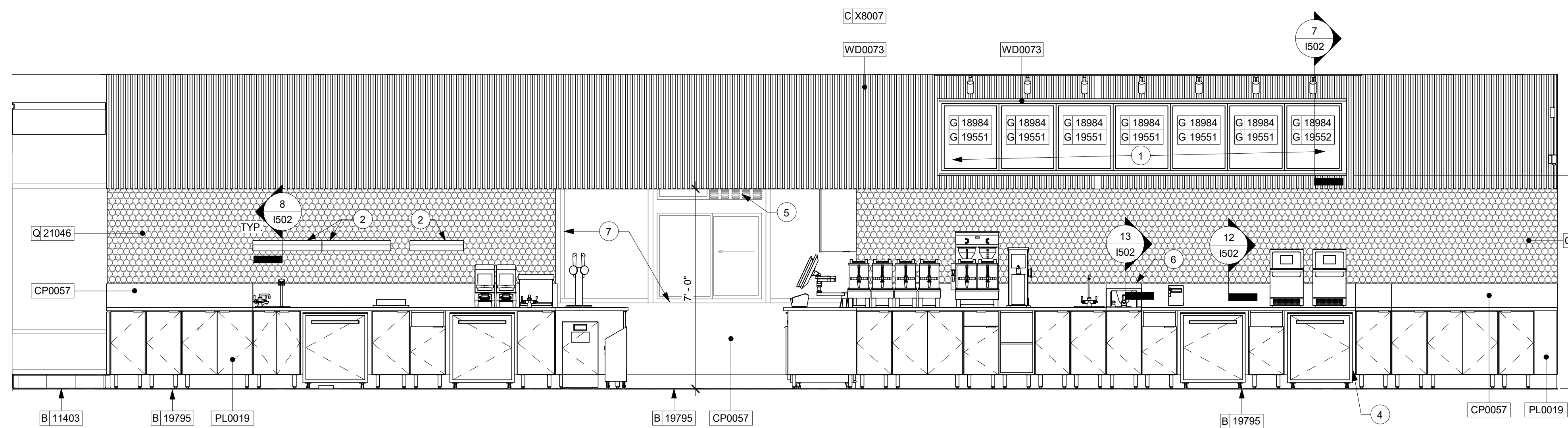
- ATTACH MENU BOARDS PER INSTALLATION DETAILS.
- SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
- CUP DISPENSERS. SEE FF & E PLAN ON SHEET I101 FOR ADDITIONAL INFORMATION.
- WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP.
- INSTALL AIR CURTAIN AS REQUIRED PER JURISDICTION.
- PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
- CP0057 AT WINDOW SILL AND FRAME, TYP.

GENERAL NOTES

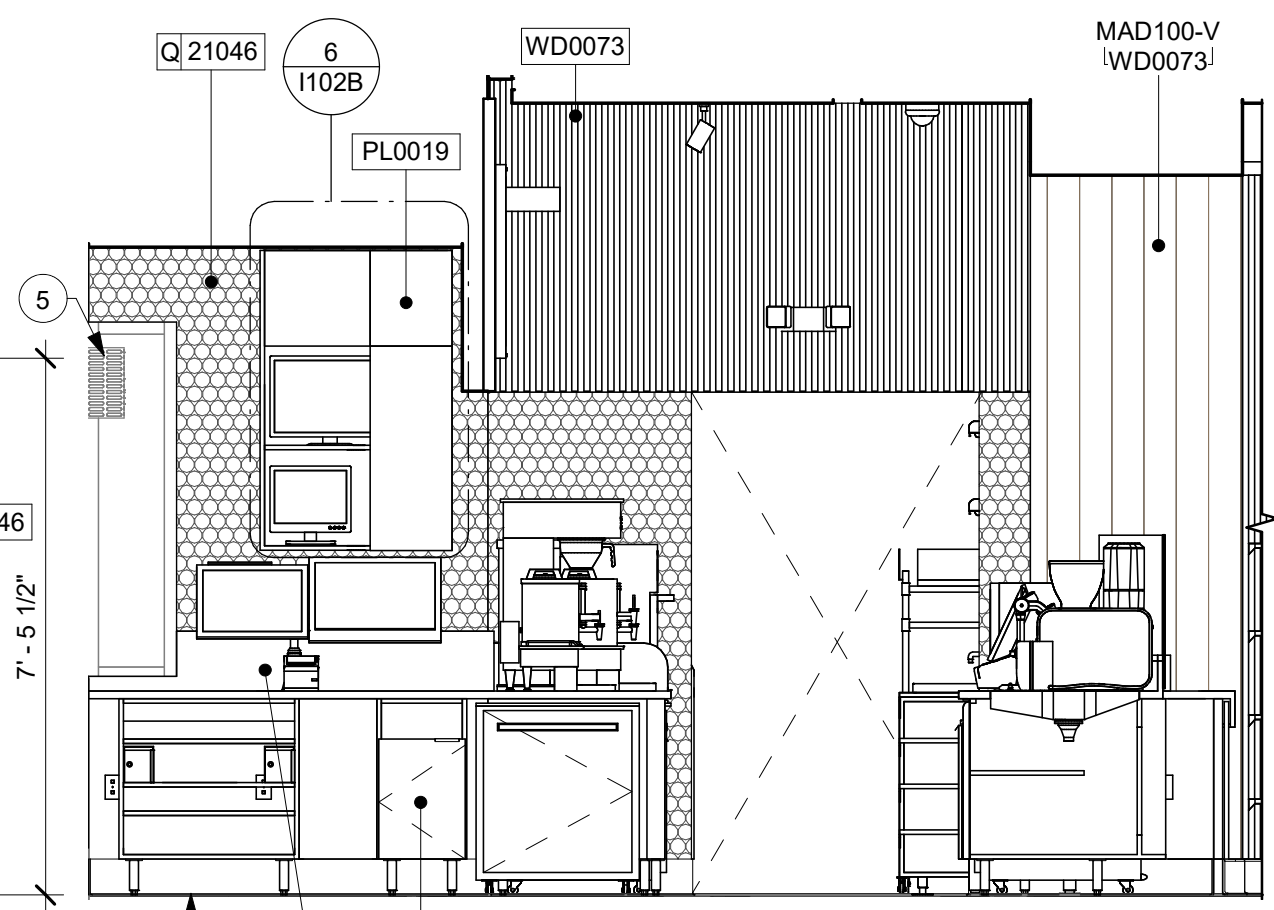
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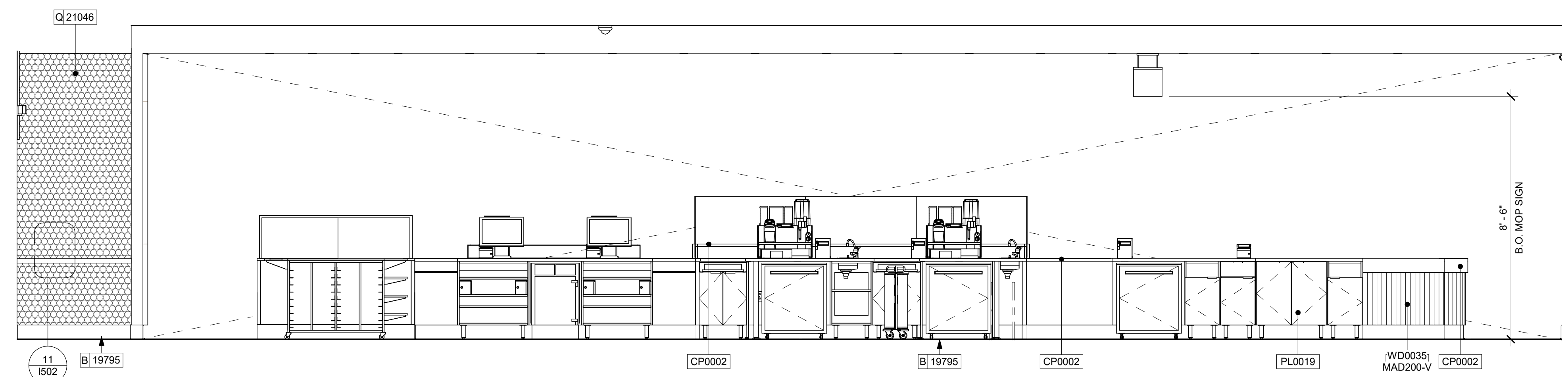
5 VESTIBULE Scale: 3/8" = 1'-0"
6 VESTIBULE Scale: 3/8" = 1'-0"
7 VESTIBULE Scale: 3/8" = 1'-0"
8 VESTIBULE Scale: 3/8" = 1'-0"



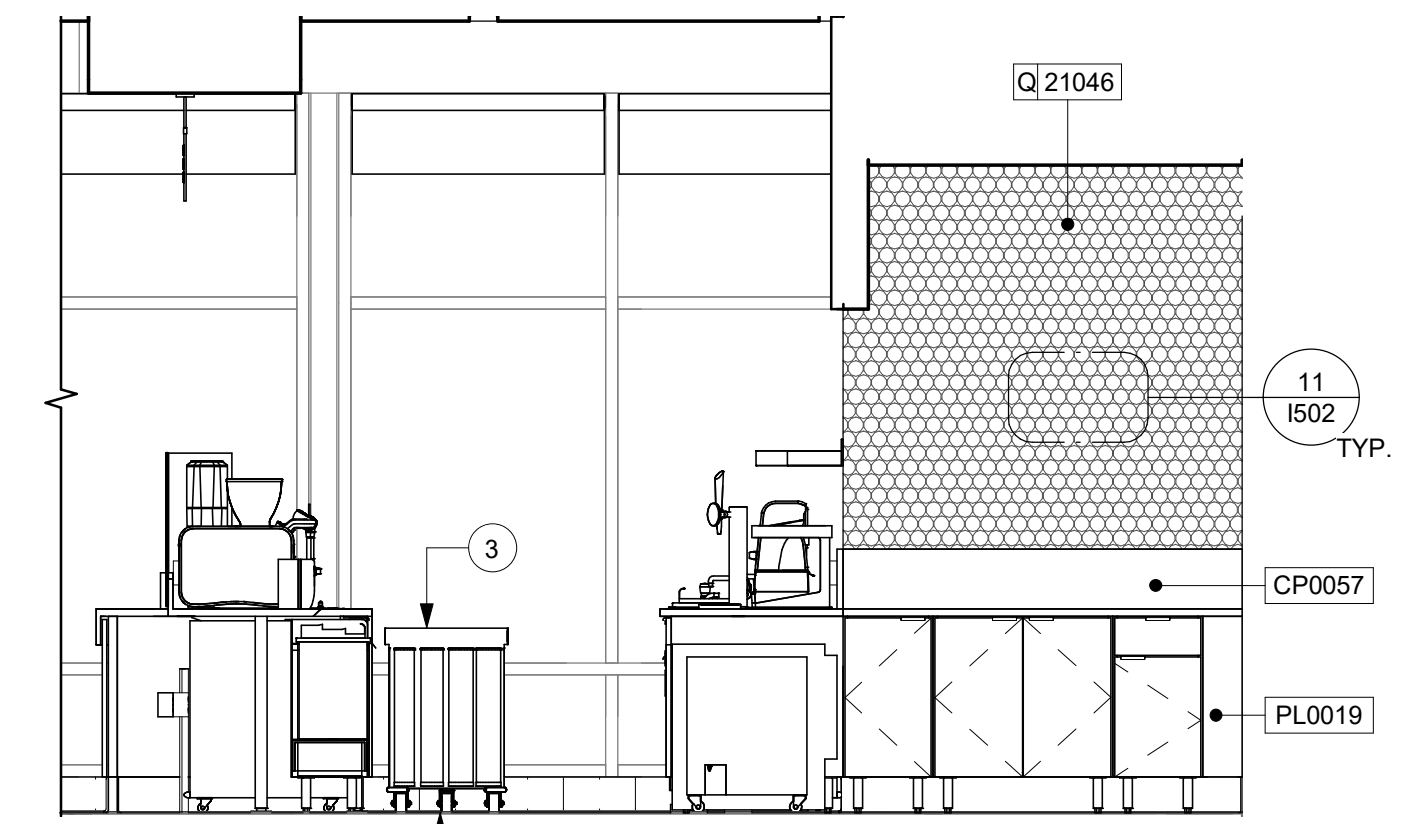
3 BACKBAR Scale: 3/8" = 1'-0"



4 BACKBAR - DRIVE-THRU POS Scale: 3/8" = 1'-0"



1 FRONTBAR - PARTNER SIDE Scale: 3/8" = 1'-0"



2 BACKBAR - SIDE Scale: 3/8" = 1'-0"

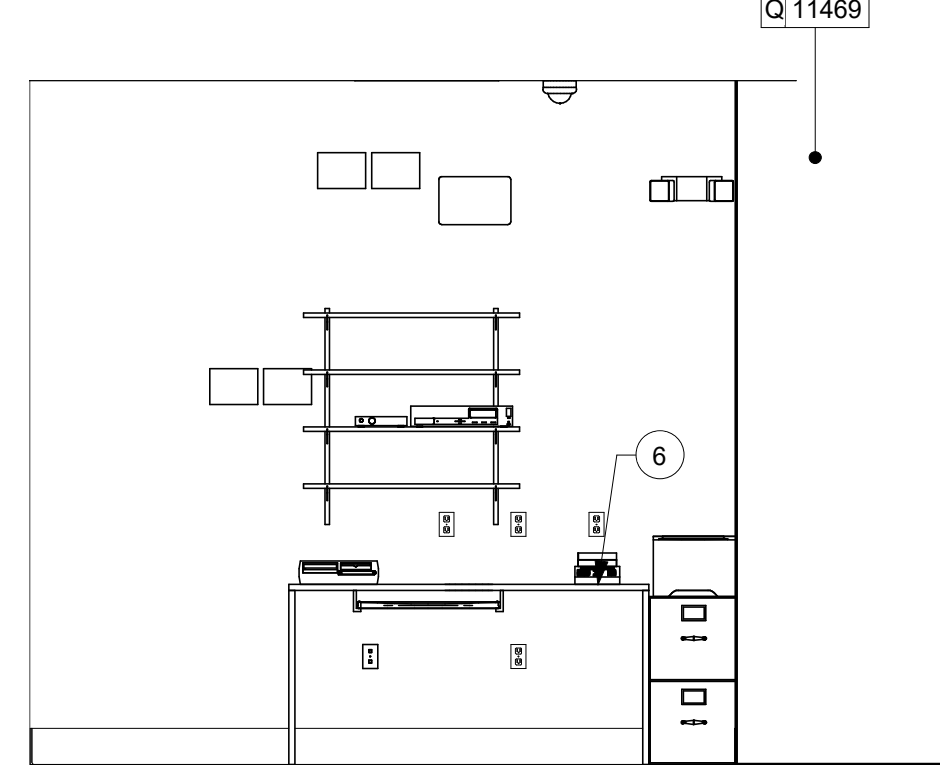
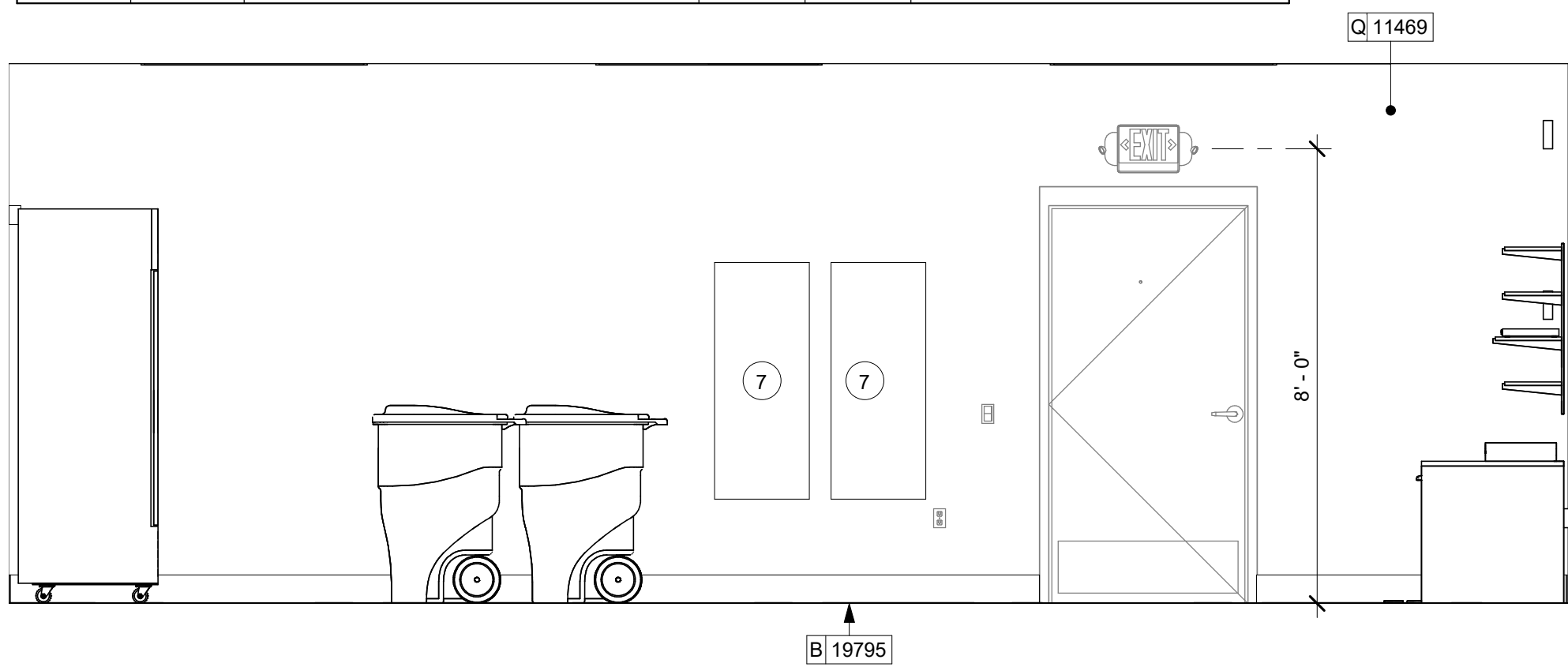
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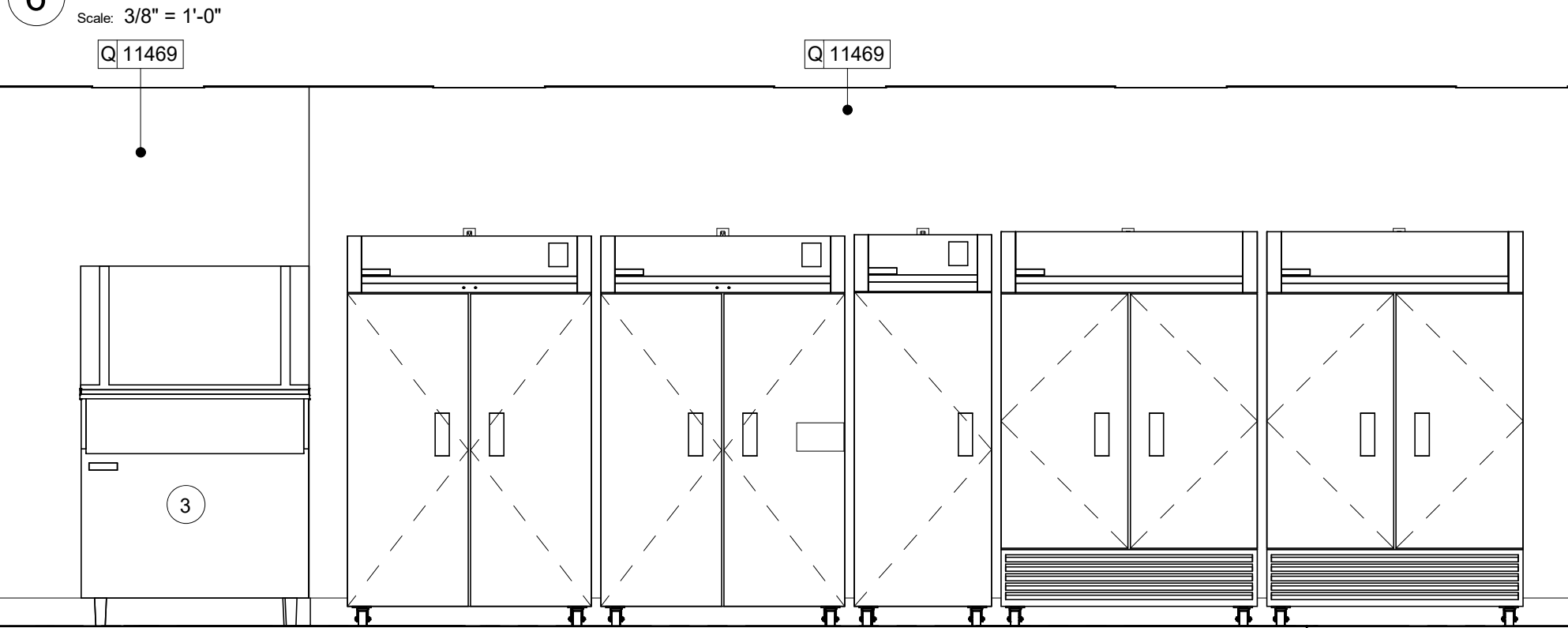
PAINT SCHEDULE					
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
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TILE					
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X560MM SHEET	SB	GC	GROUT: MAPEI - 10 BLACK, OR EQUAL
WALL COVERING					
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC	

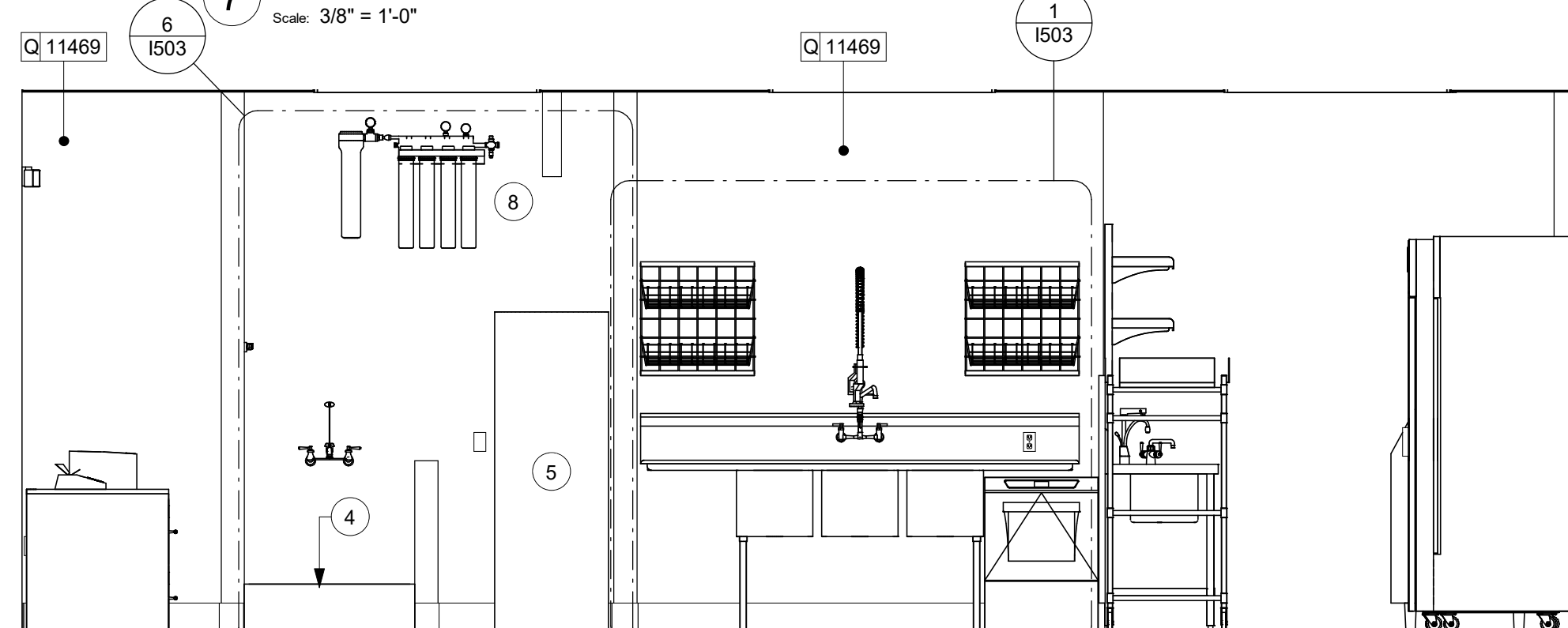
WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
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X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING



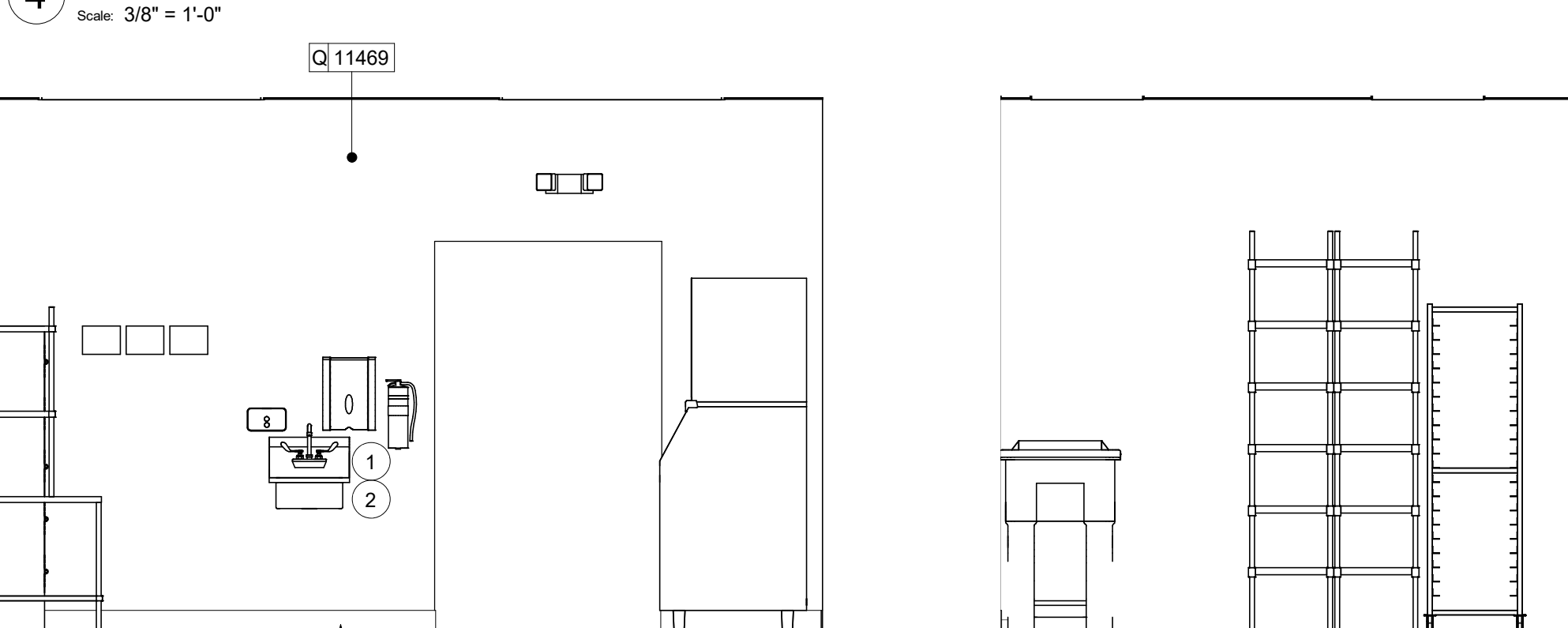
6 WORKROOM



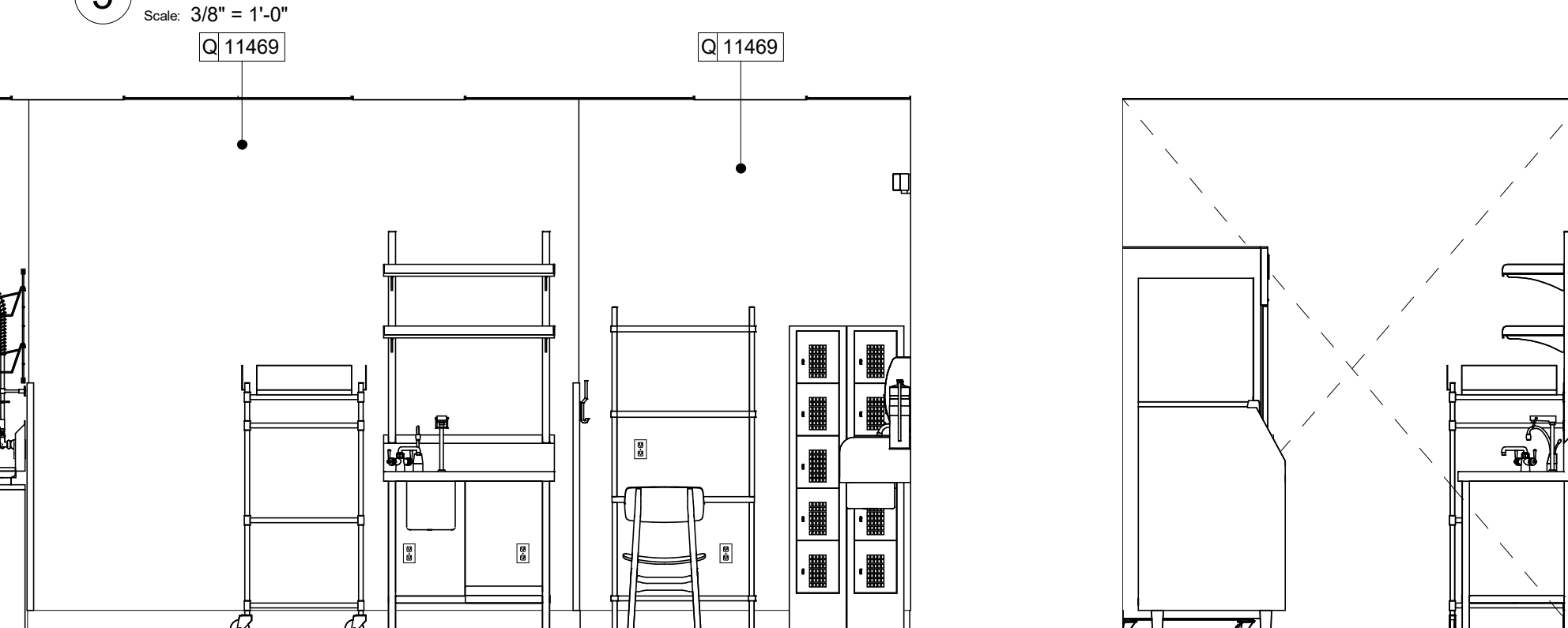
7 WORKROOM - MANAGER STATION



4 WORKROOM



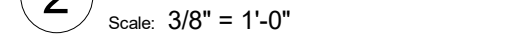
5 WORKROOM - 3 COMP SINK & WATER FILTRATION



1 WORKROOM



2 WORKROOM



KEYED NOTES

- PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
- WALL MOUNT HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER. G.C. TO PROVIDE BLOCKING FOR FASTENERS.
- ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).
- WATER HEATER (SEE PLUMBING DRAWINGS).
- MANAGER'S DESK (SEE ENLARGED DETAILS).
- ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- WATER FILTRATION EQUIPMENT (SEE PLUMBING DRAWINGS).

GENERAL NOTES

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 Professional Corporation - 52715

520 SOUTH MAIN ST. SUITE 2531
 AKRON, OH 44311
 P: 330-572-2100 F: 330-572-2191

GPD PROJECT NO: 2020261.36

10433

REGISTERED ARCHITECT

10433

09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
 2778 NC-24
 CAMERON, NC 28326

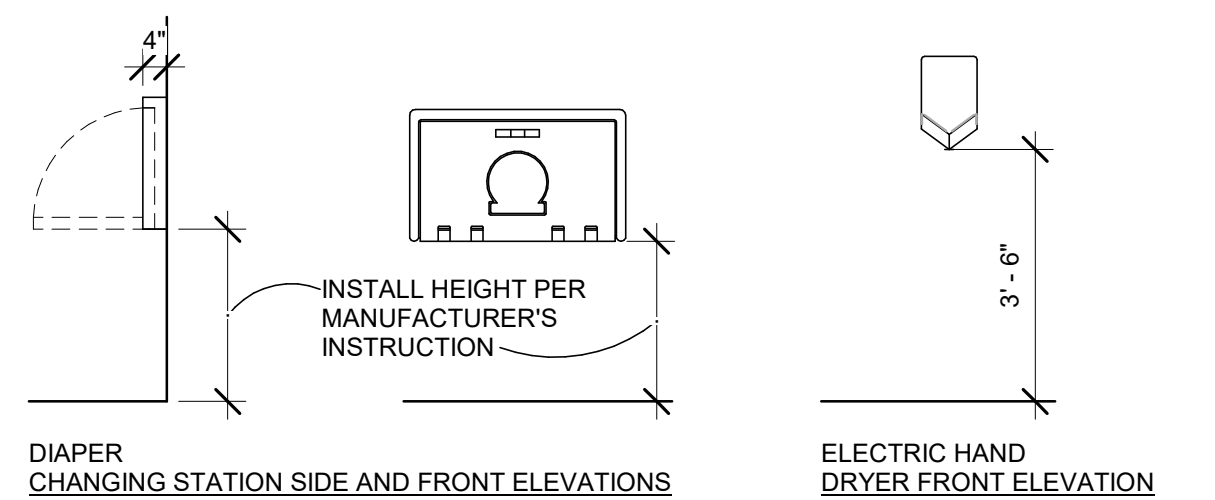
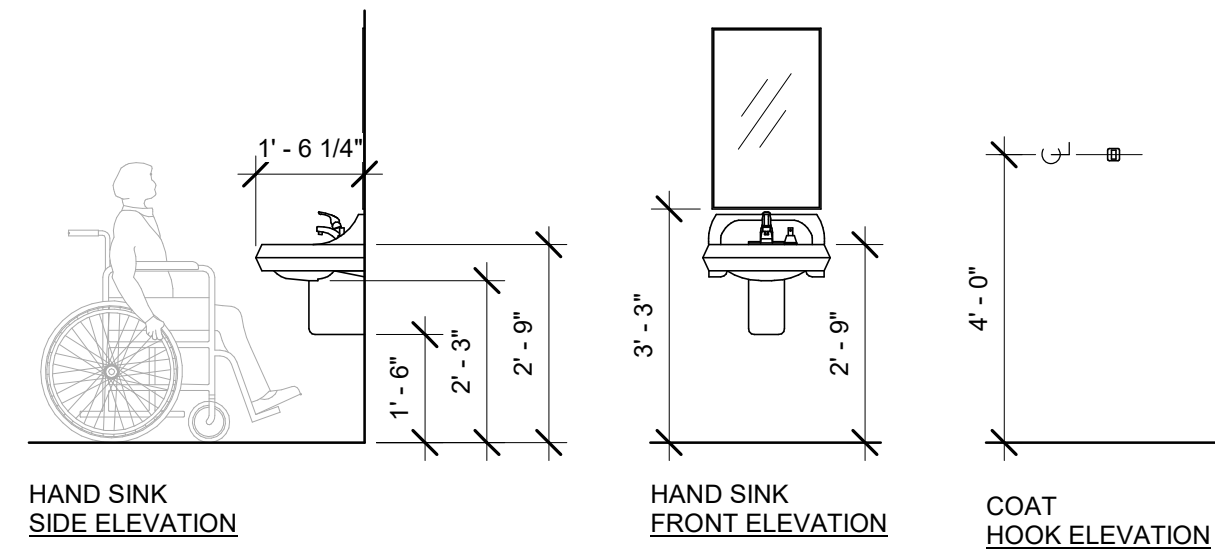
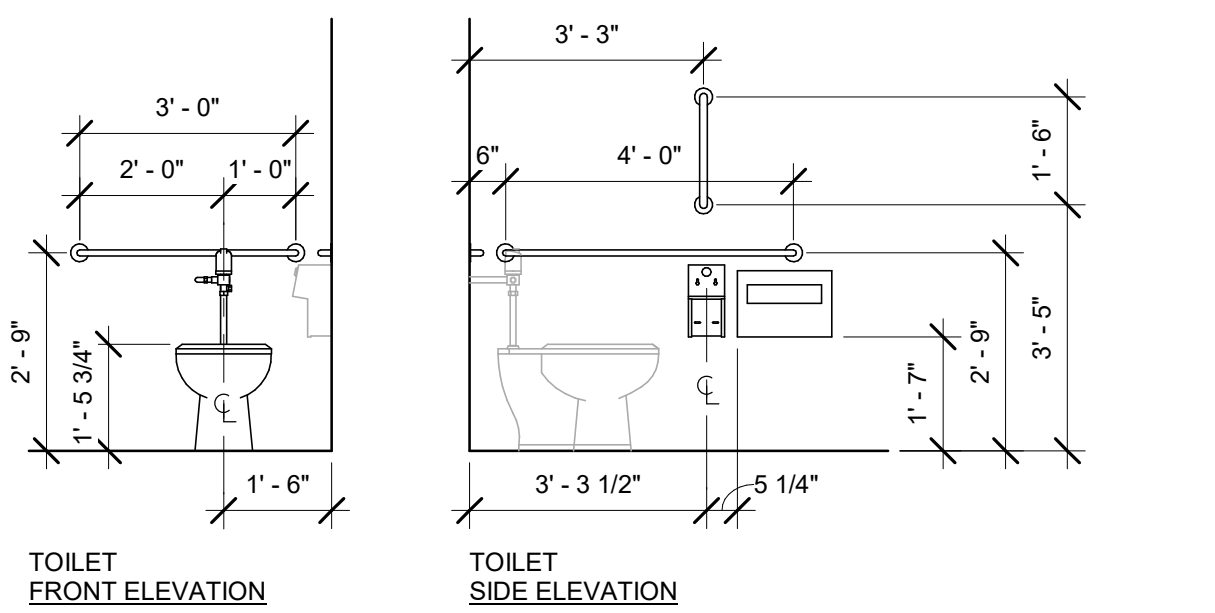
STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule			
Rev	Date	By	Description

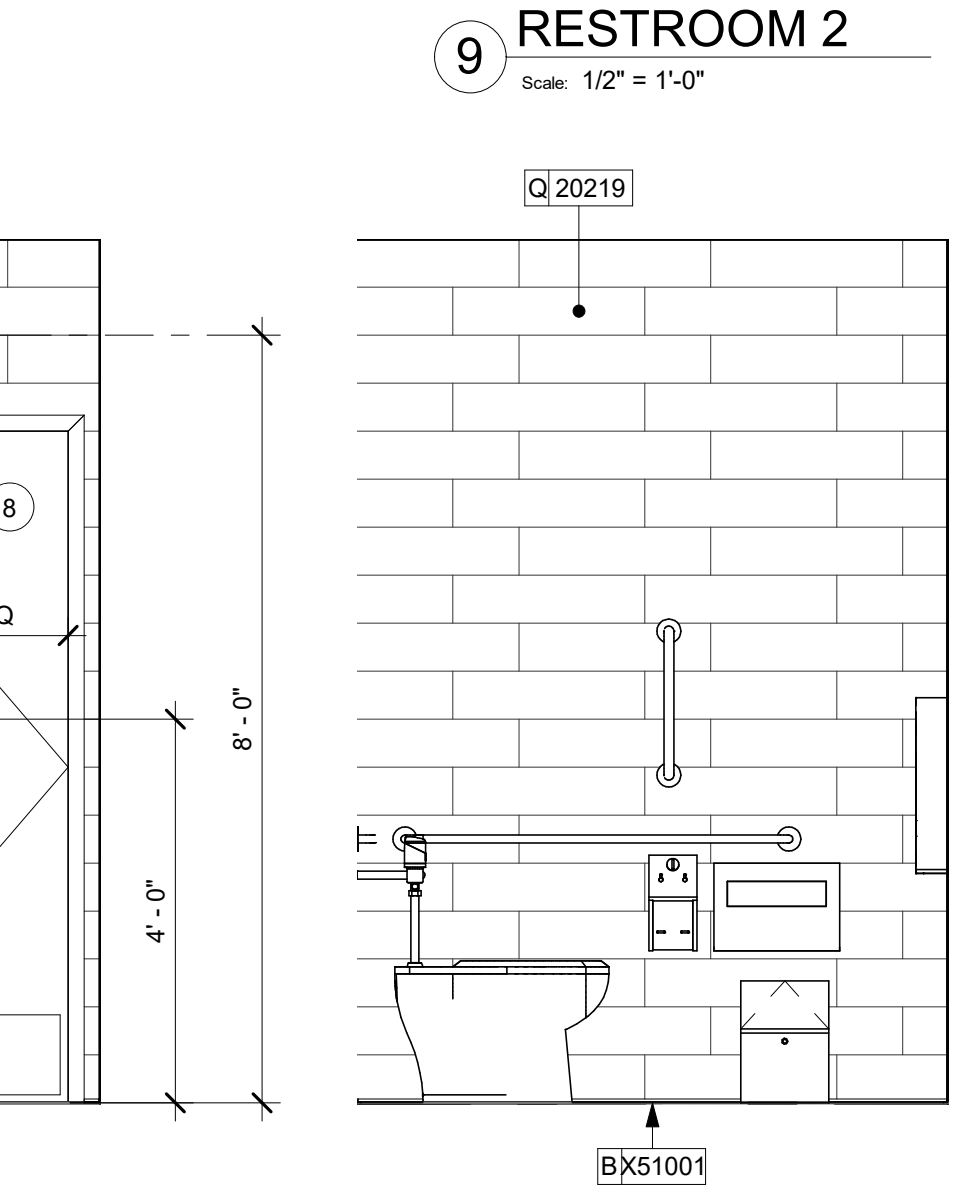
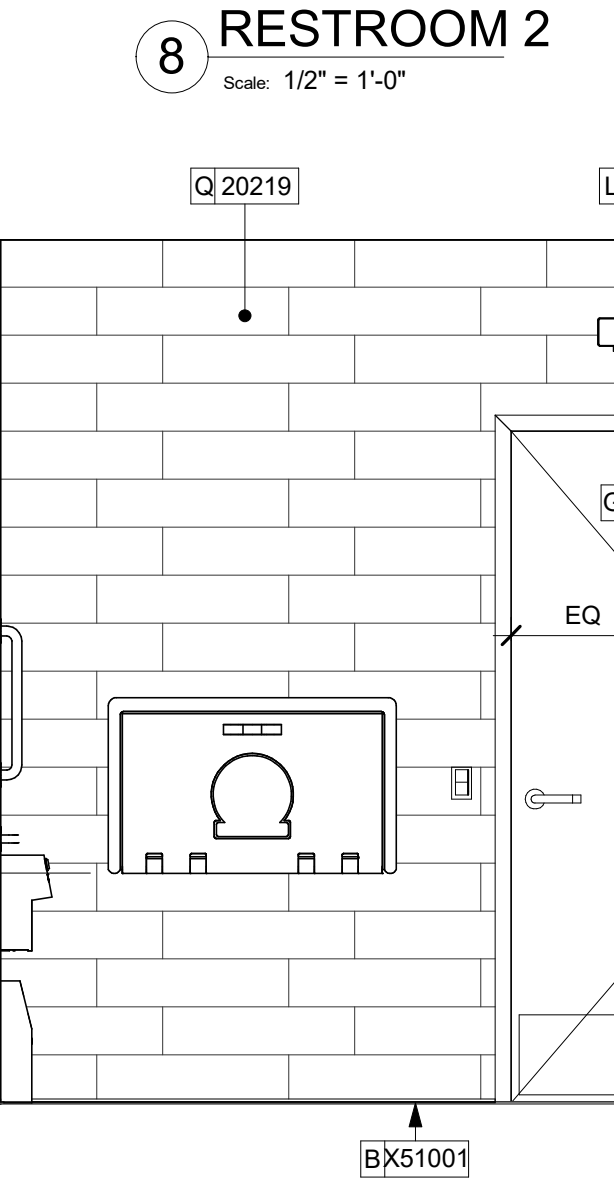
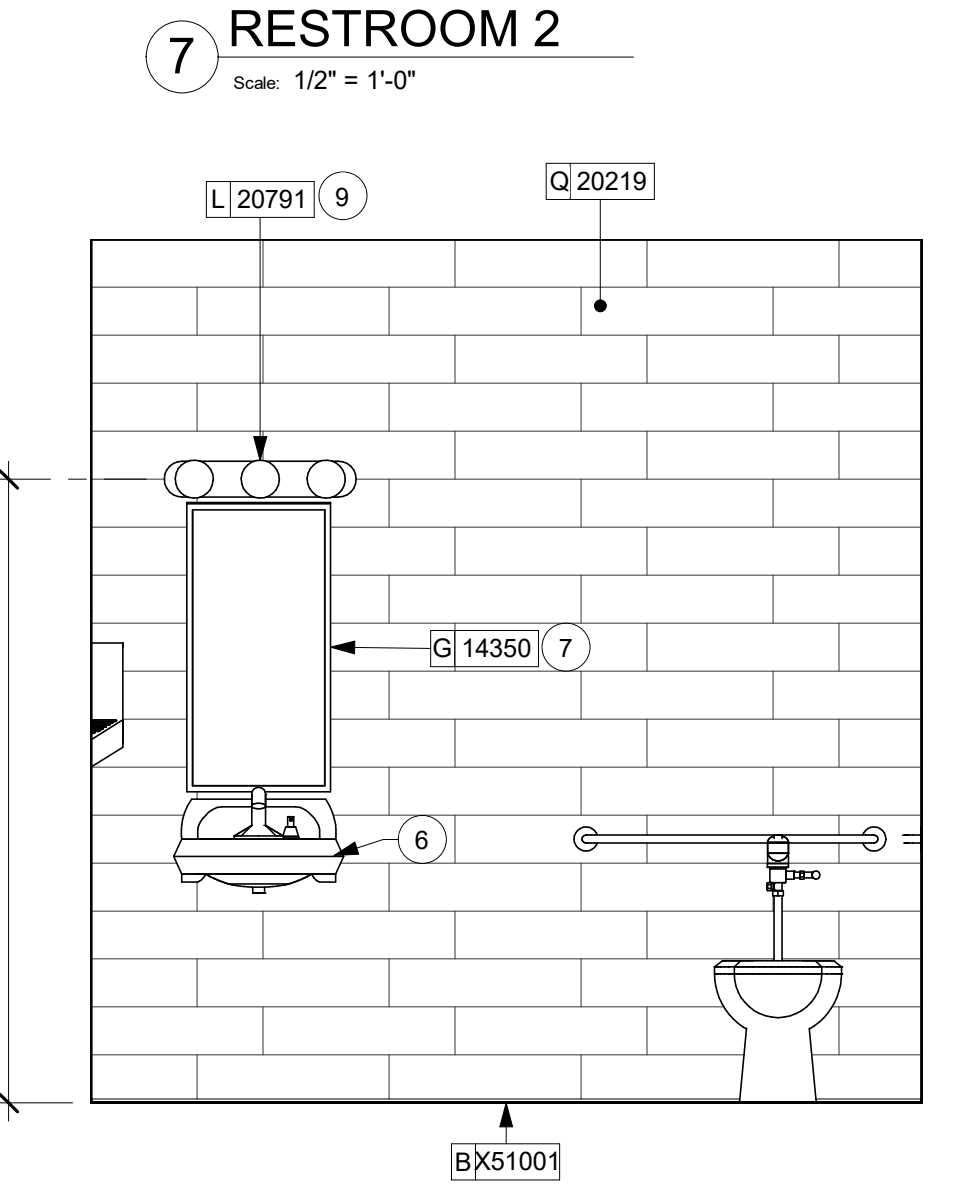
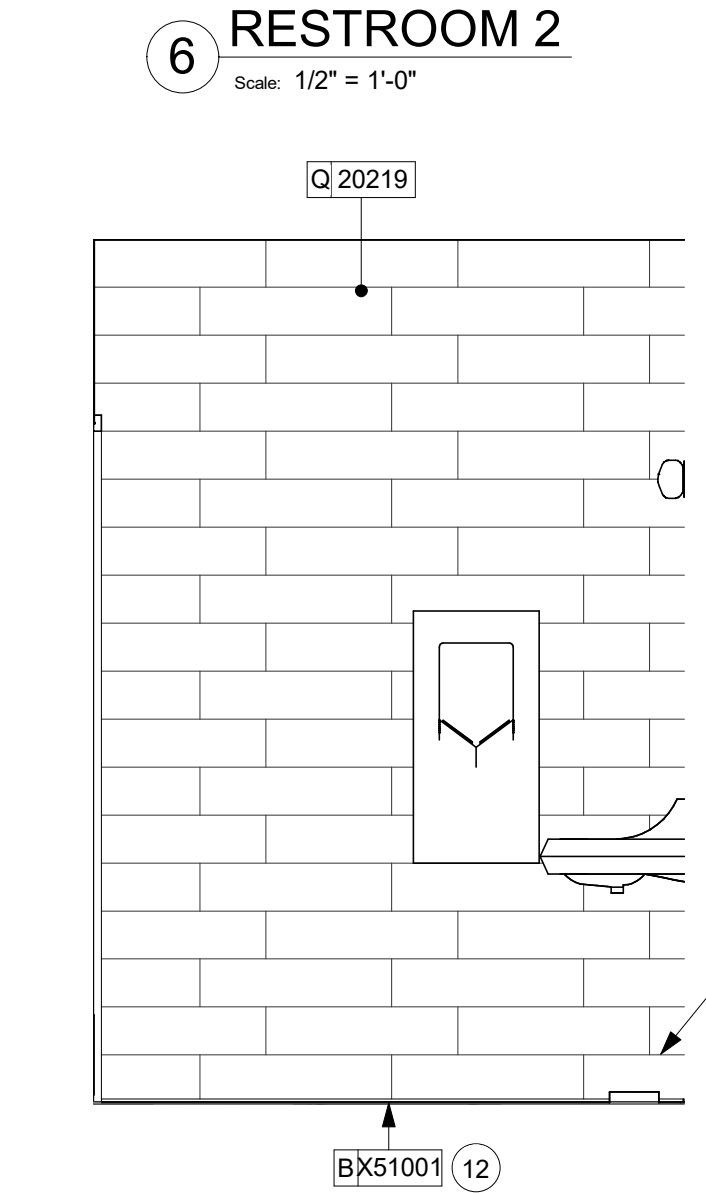
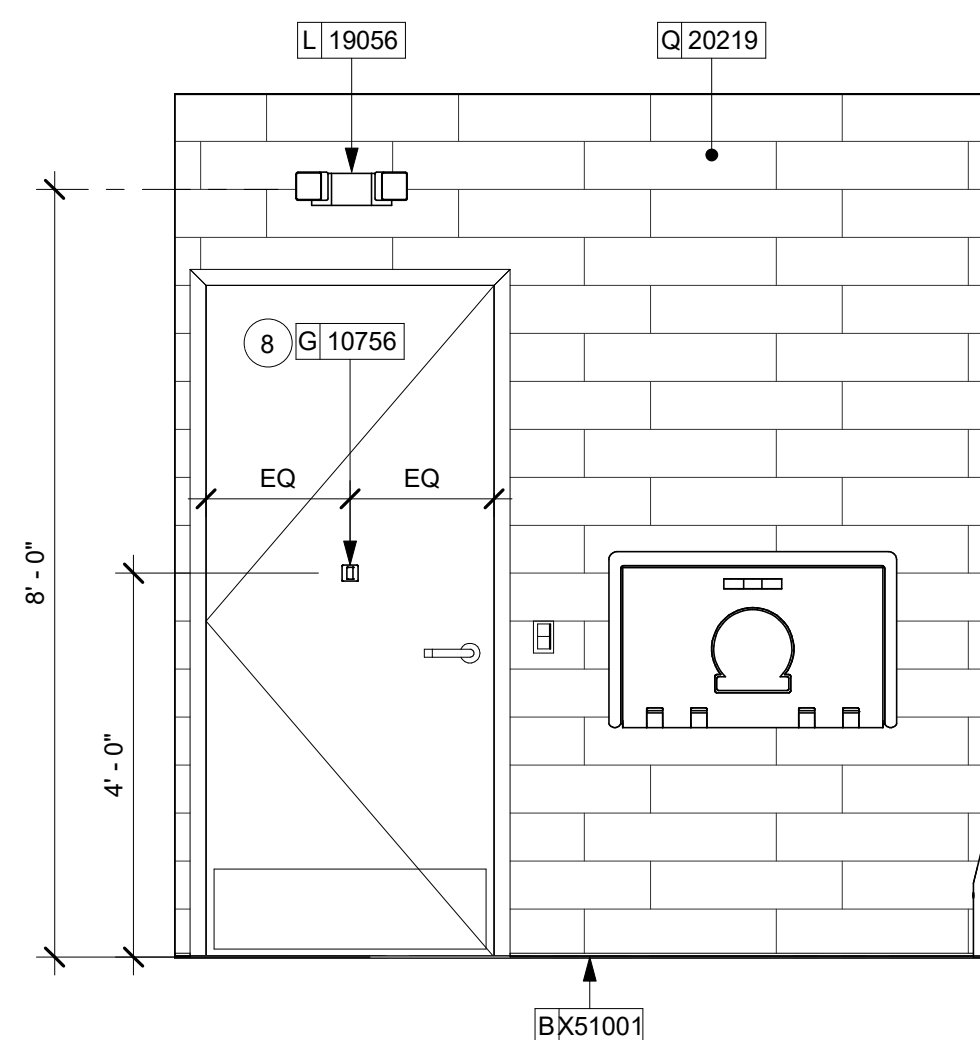
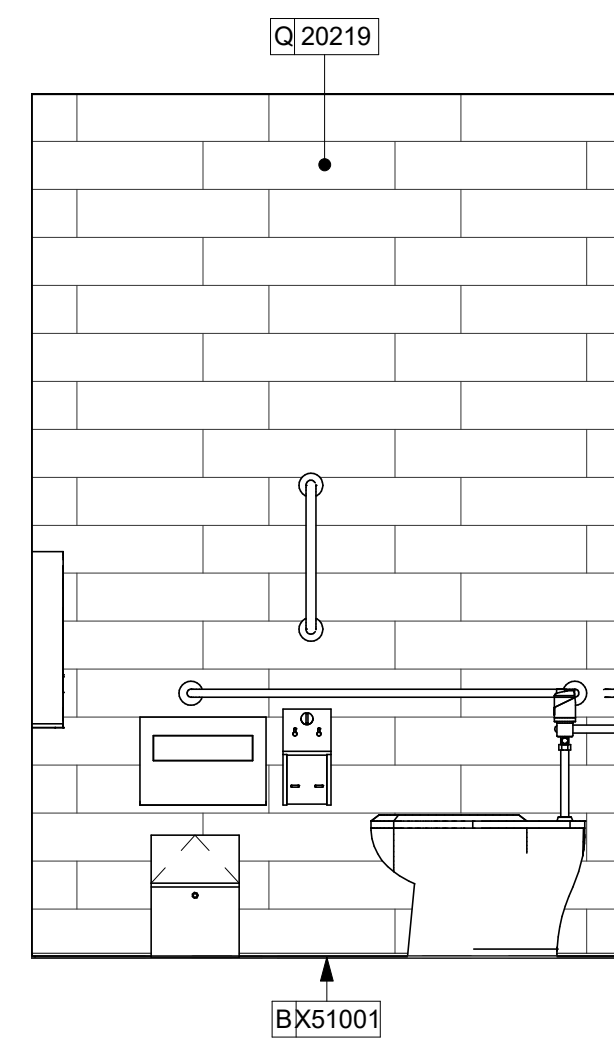
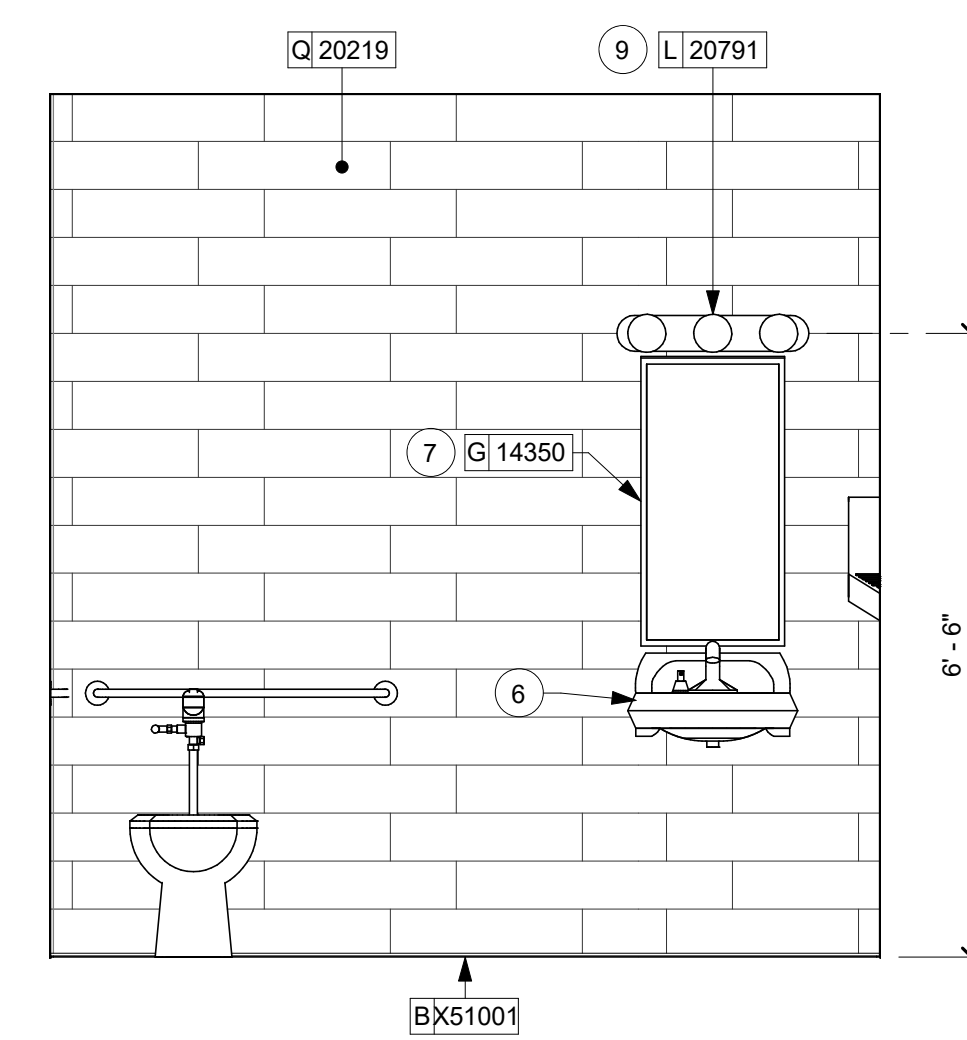
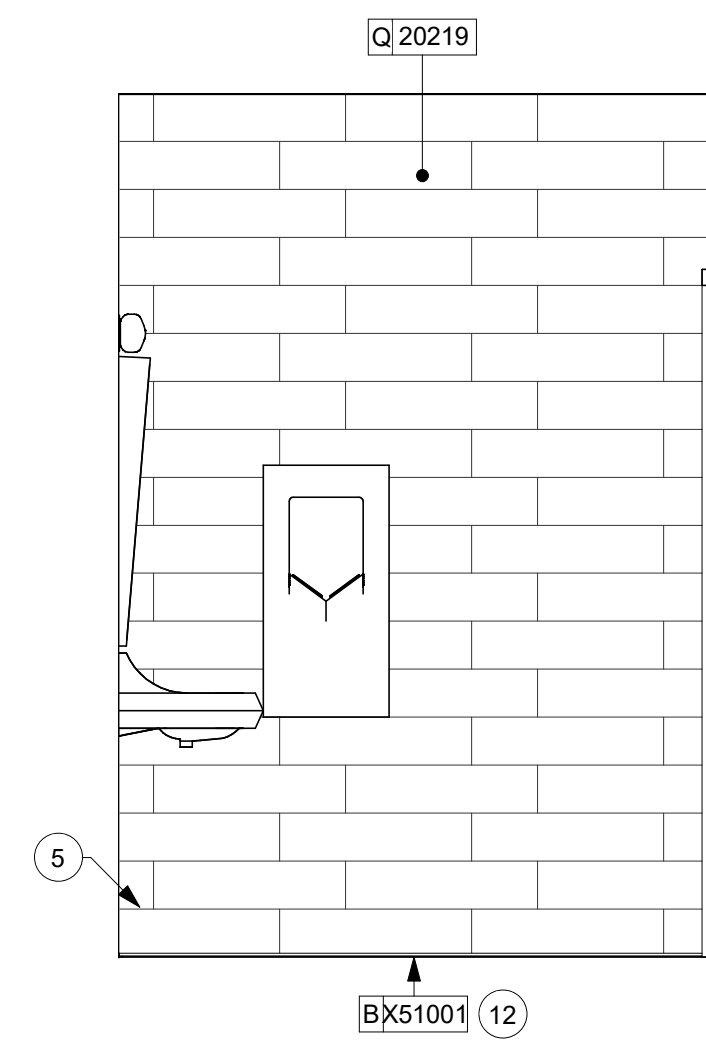
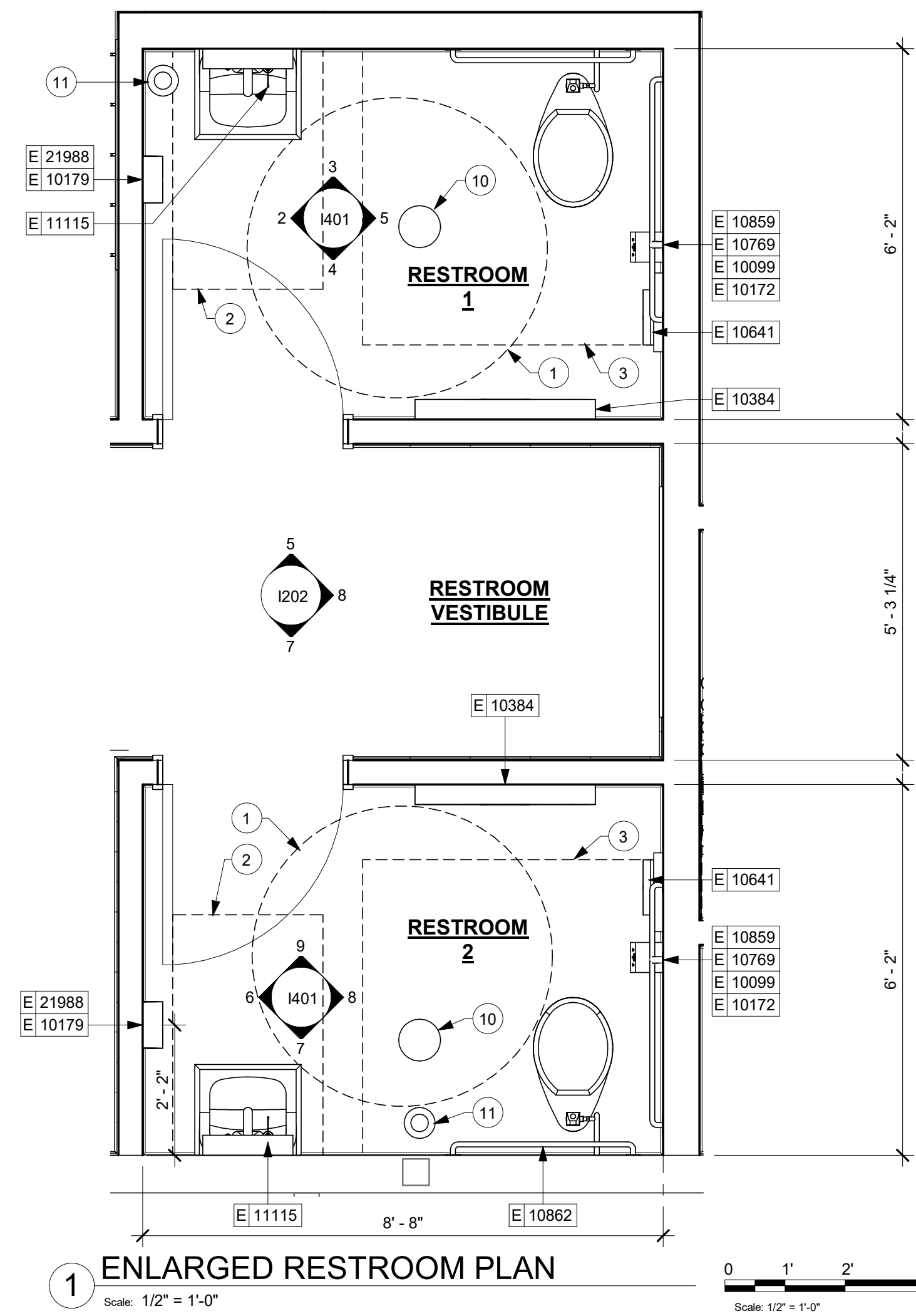
SHEET TITLE:
INTERIOR FINISH ELEVATIONS

SCALE: AS SHOWN

SHEET NUMBER:
1203



MOUNTING HEIGHTS FOR RESTROOM ACCESSORIES



KEYED NOTES

- 67" (1700MM) ACCESSIBLE TURNING RADIUS.
- 30" (760MM) X 52" (1320MM) CLEAR FLOOR SPACE.
- 56" (1422MM) X 60" (1524MM) WATER CLOSET CLEAR FLOOR SPACE.
- BABY CHANGING FIXTURE.
- TILE START. FULL TILE ABOVE SCHLUTER TRIM.
- WALL MOUNTED LAVATORY INSTALLED WITH SUPPORT CARRIER AND INSULATED BOOT AT EXPOSED PIPES.
- CENTER MIRROR OVER LAVATORY. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
- COAT HOOK. MOUNT AT CENTERLINE OF DOOR, 48" AFF.
- CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).
- FLOOR DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS.
- FLOOR CLEANOUT. SEE PLUMBING DRAWINGS FOR DETAILS.
- GC SHALL INSTALL SCHLUTER TRIM AT BOTTOM OF WALL TILE. COLOR: SATIN NICKEL, TYP.
- SANITARY NAPKIN DISPOSAL UNIT.

GENERAL NOTES

- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.
- DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.
- DIAPER CHANGING STATION IS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. UNIT IS TO BE FASTENED TO STRUCTURE AT ALL SIX CHASSIS ATTACHMENT POINTS.
- LOCATE DIAPER CHANGING STATION AS SHOWN TO ALLOW NECESSARY CLEARANCE FOR OPERATION OF ALL RESTROOM FIXTURES. LOCATION SHALL NOT IMPEDE ACCESS, EGRESS, OR DOOR SWING.
- ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.

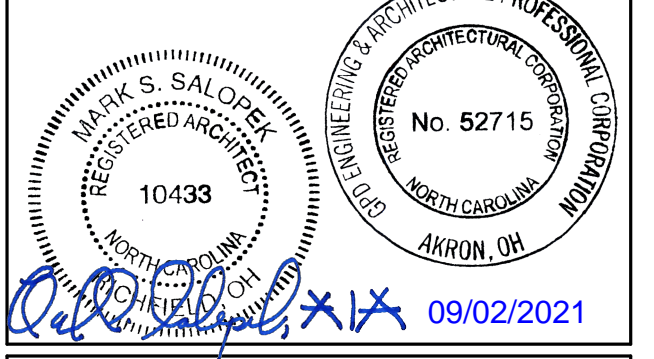


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 Professional Corporation - 52715
 520 SOUTH MAIN ST. SUITE 2531
 AKRON, OH 44311
 P: 330-572-2100 F: 330-572-2191
 GPD PROJECT NO: 2020261.36



PROJECT NAME:
 HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
 2778 NC-24
 CAMERON, NC 28326

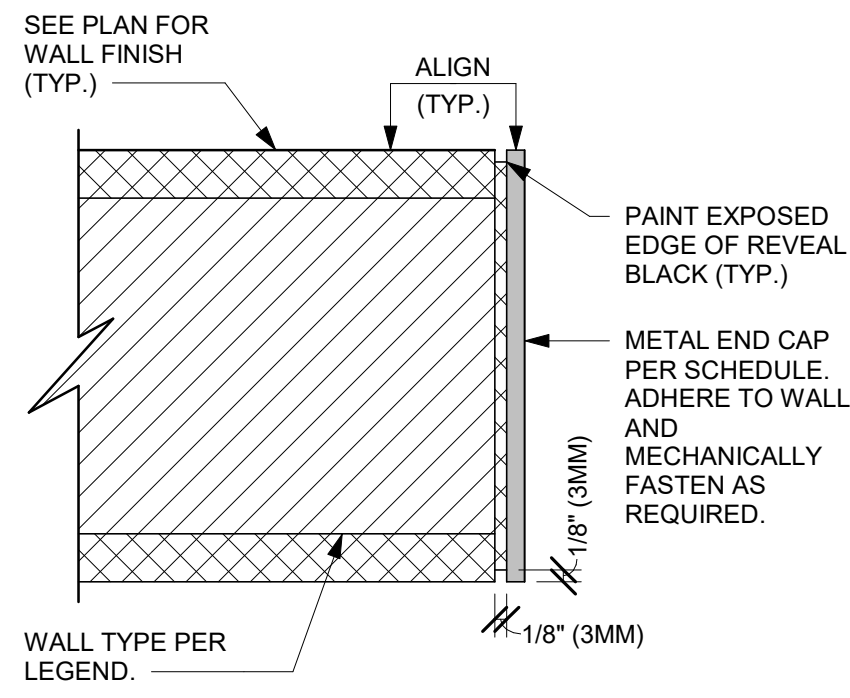
STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

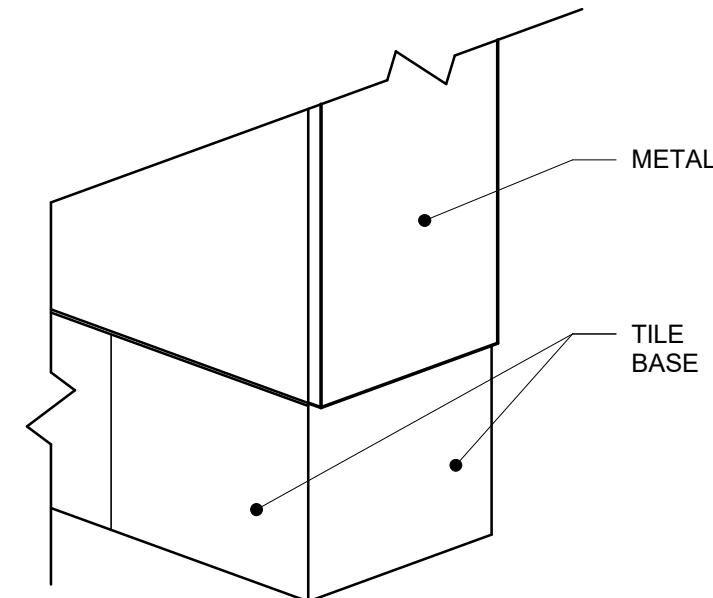
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 RESTROOM PLAN & ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
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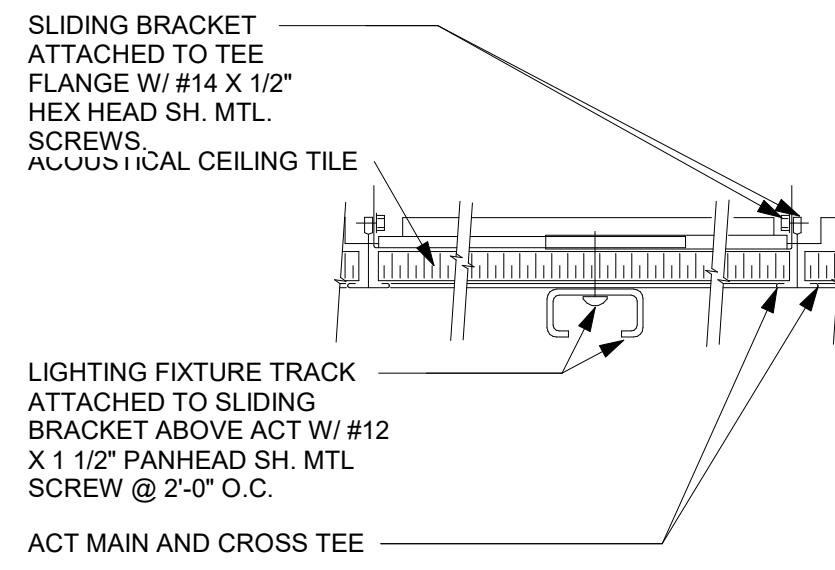
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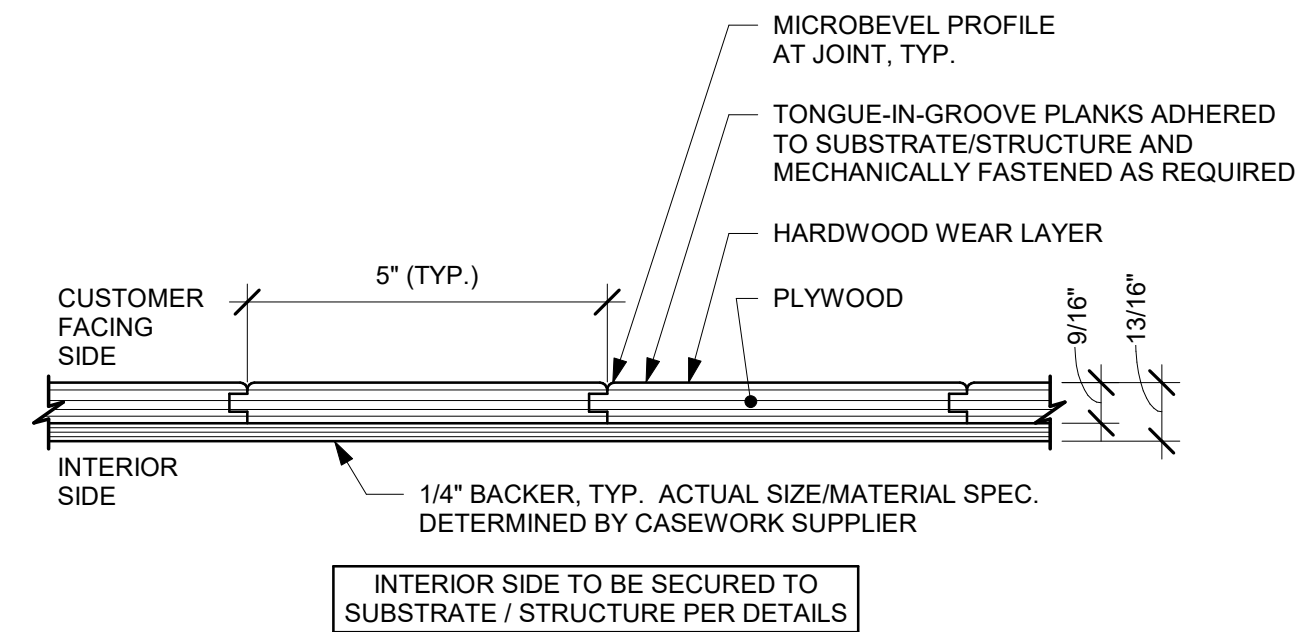
12 WALL METAL END CAP
Scale: 6" = 1'-0"



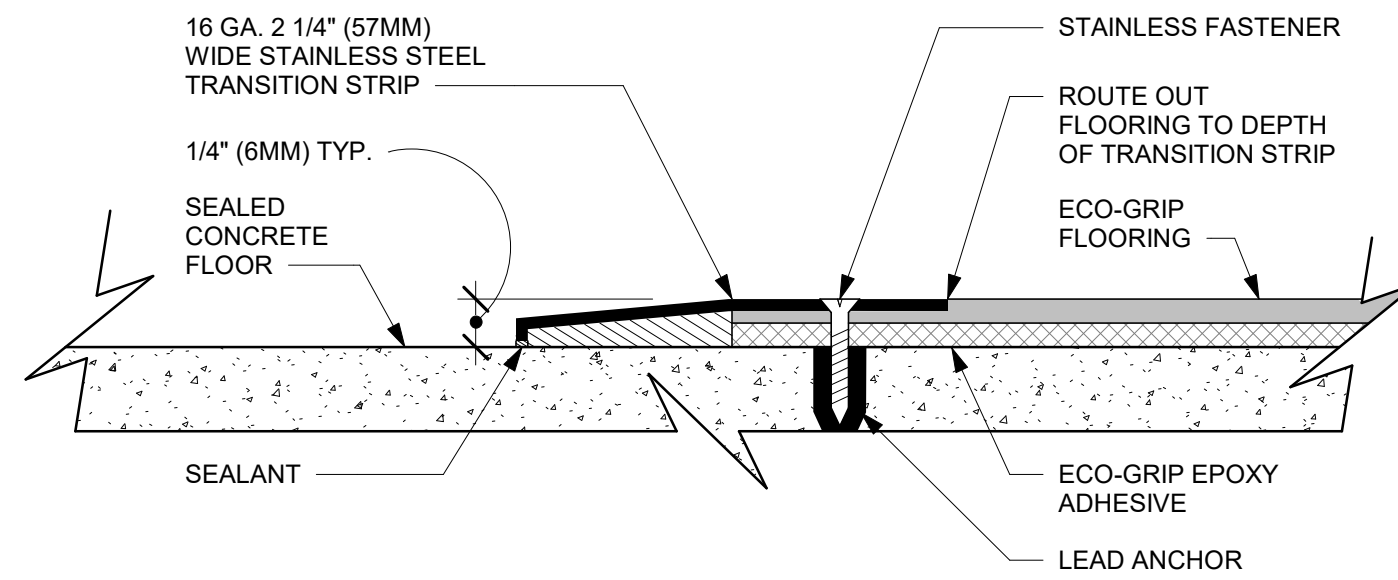
13 WALL END CAP AT TILE BASE - METAL
Scale: 3" = 1'-0"



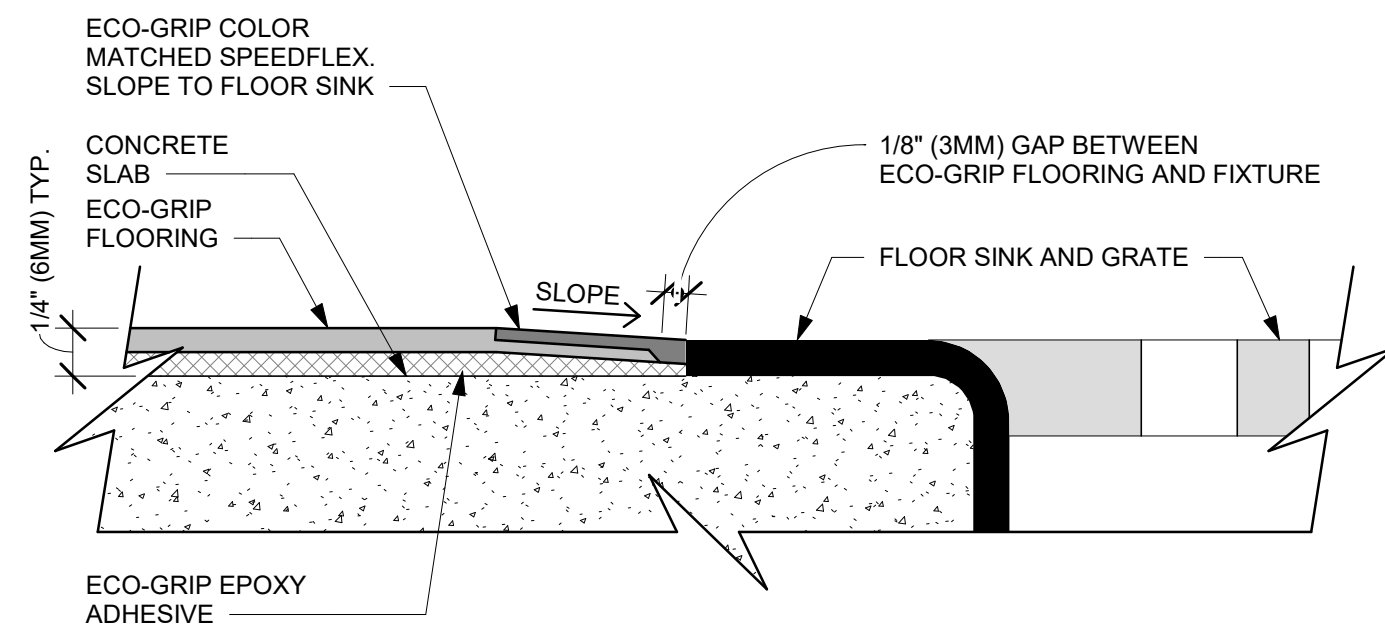
14 TRACK MOUNTING DETAIL
Scale: 1/8" = 1'-0"



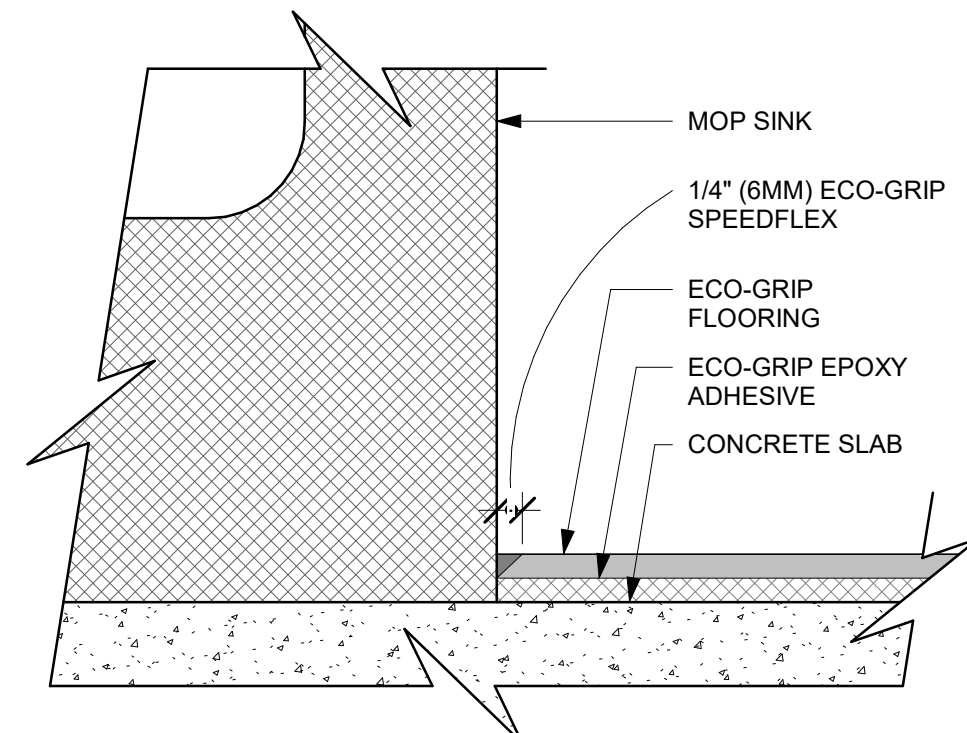
A ENLARGED SECTION PROFILE
NOT TO SCALE



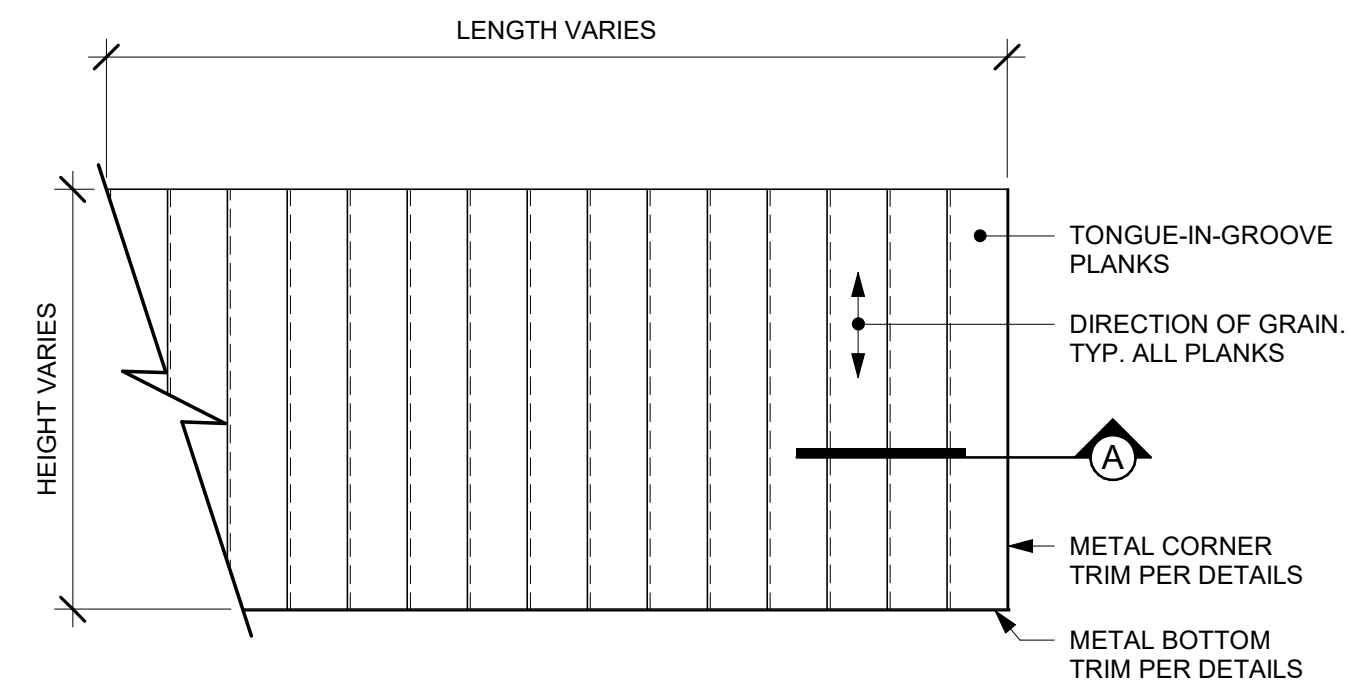
8 ECO-GRIP TO CONCRETE TRANSITION
Scale: 12" = 1'-0"



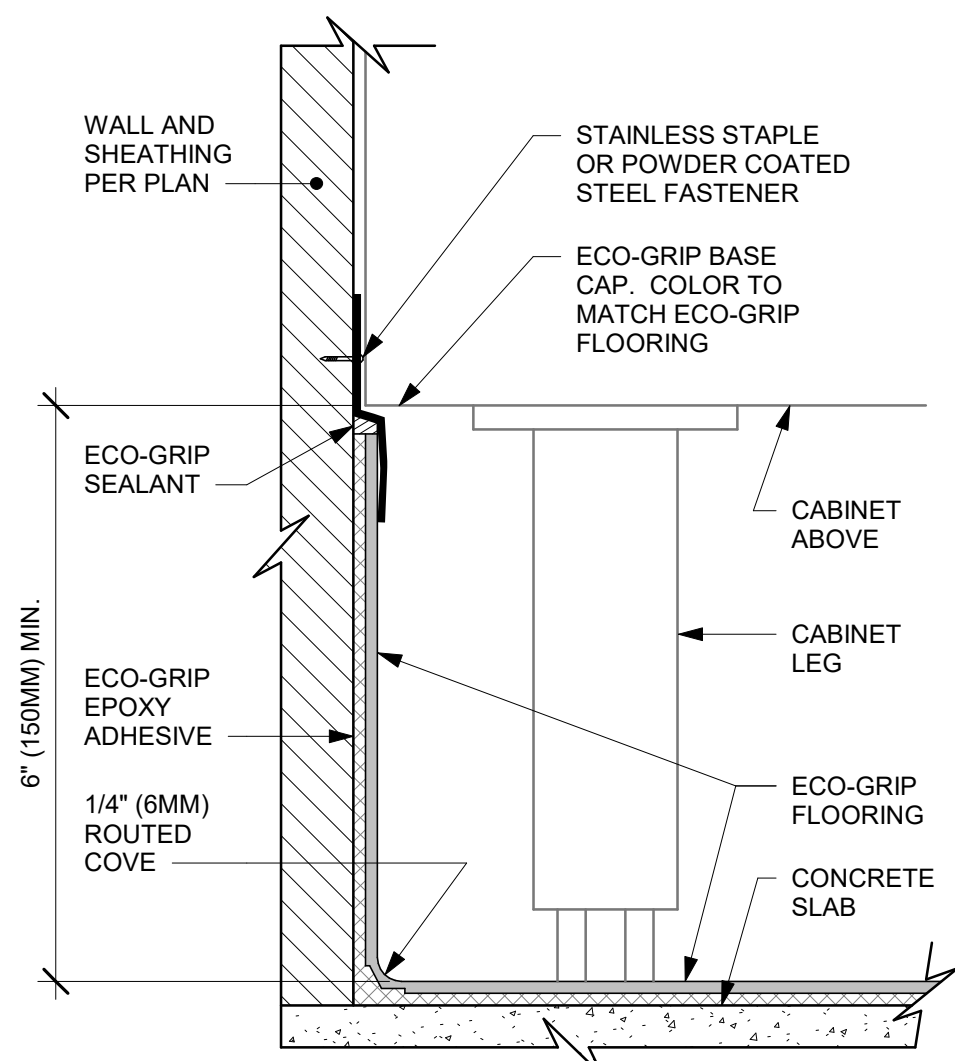
9 ECO-GRIP TO FLOOR SINK TRANSITION
Scale: 12" = 1'-0"



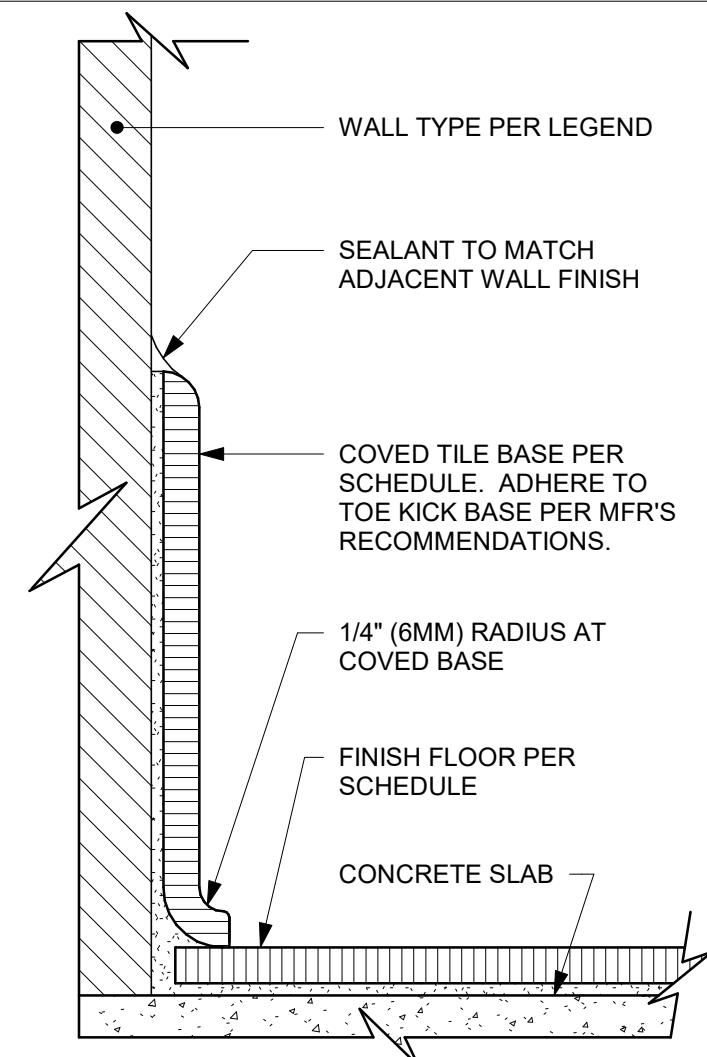
10 ECO-GRIP AT MOP SINK
Scale: 12" = 1'-0"



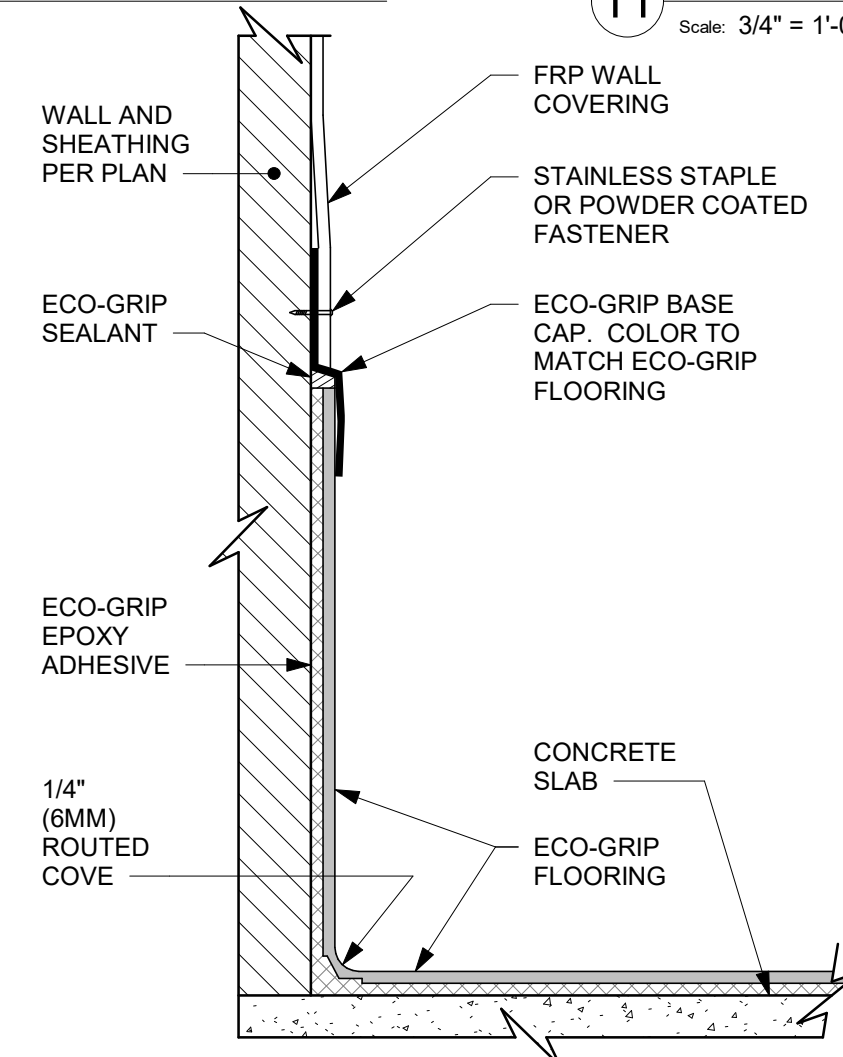
11 FINISH APPLICATION (MAD 100-V) FIXED WIDTH WIDE PLANK
Scale: 3/4" = 1'-0"



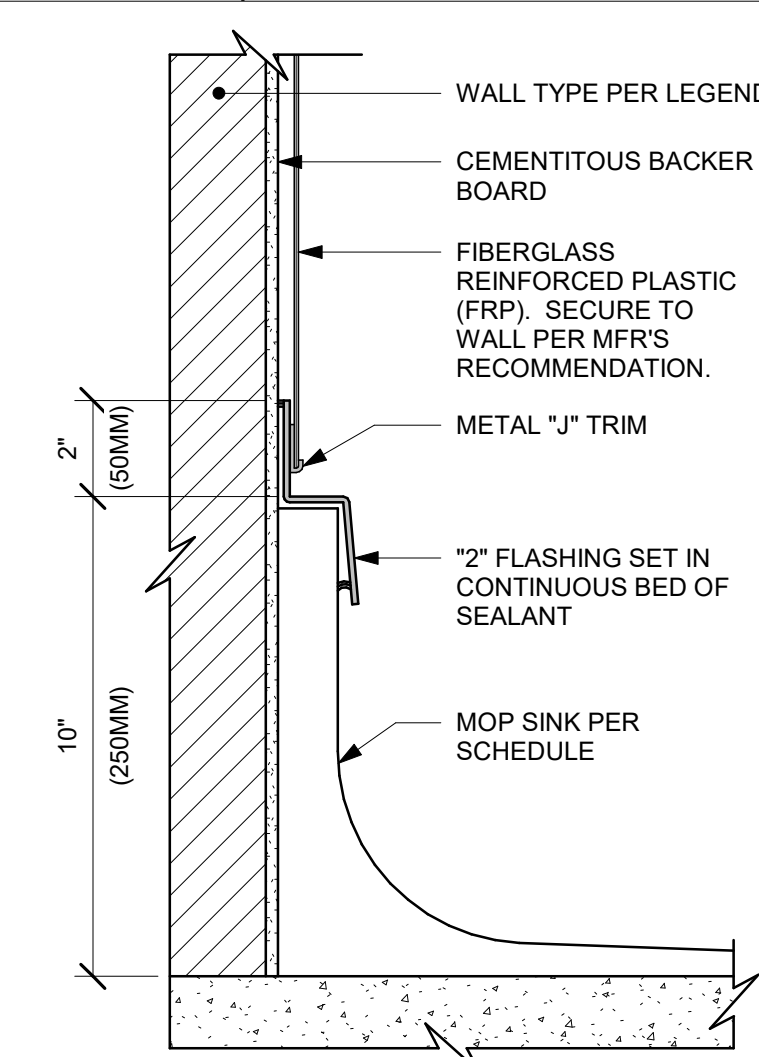
4 ECO-GRIP BASE AT CABINET WITH LEGS
Scale: 6" = 1'-0"



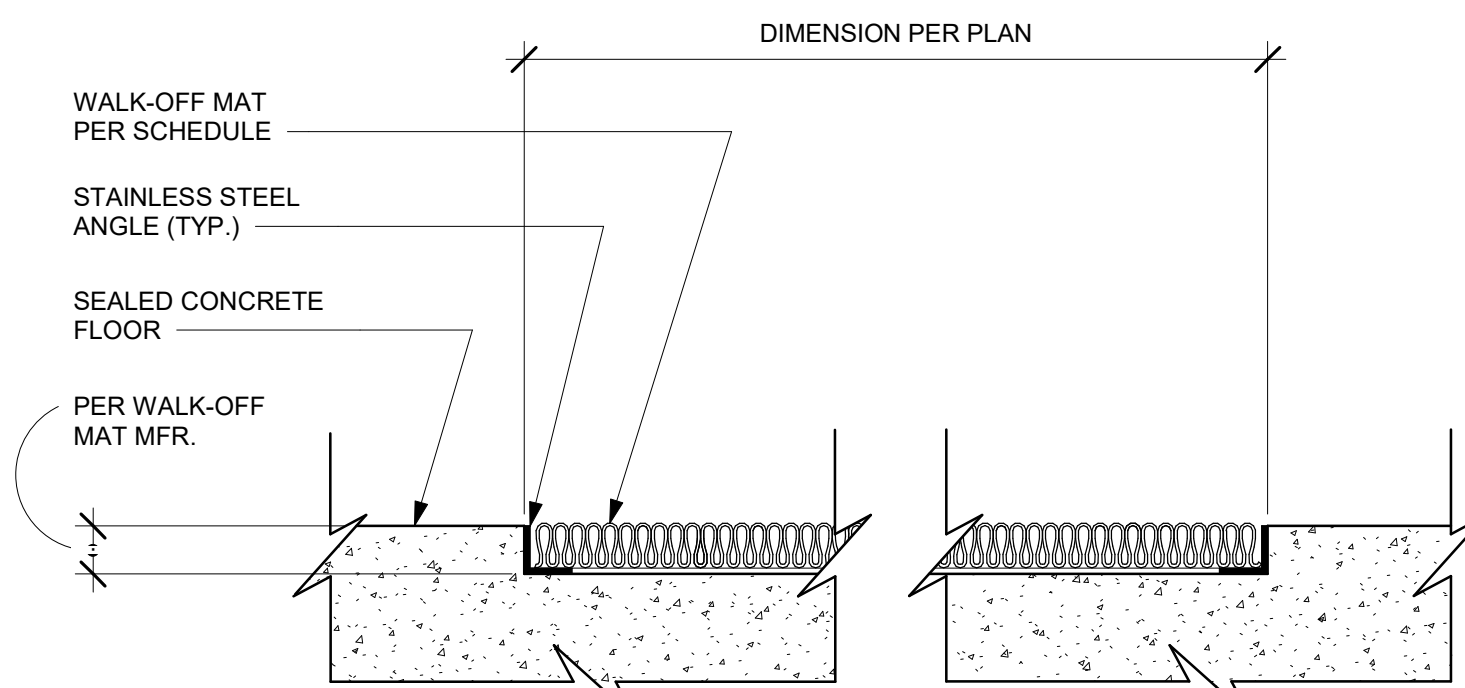
5 TOP SET TILE BASE AT WALL
Scale: 6" = 1'-0"



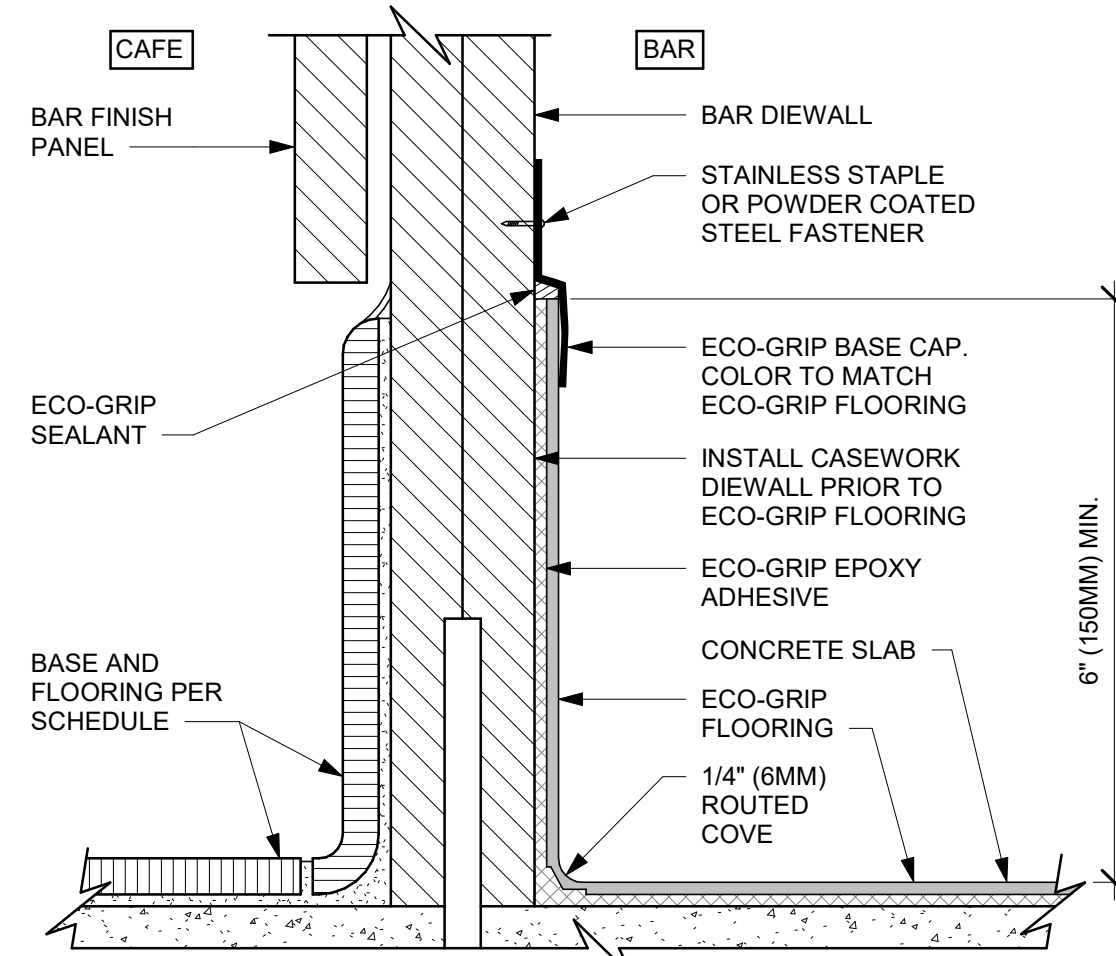
6 ECO-GRIP BASE CAP WITH FRP
Scale: 6" = 1'-0"



7 MOP SINK WITHOUT FLANGE
Scale: 3" = 1'-0"

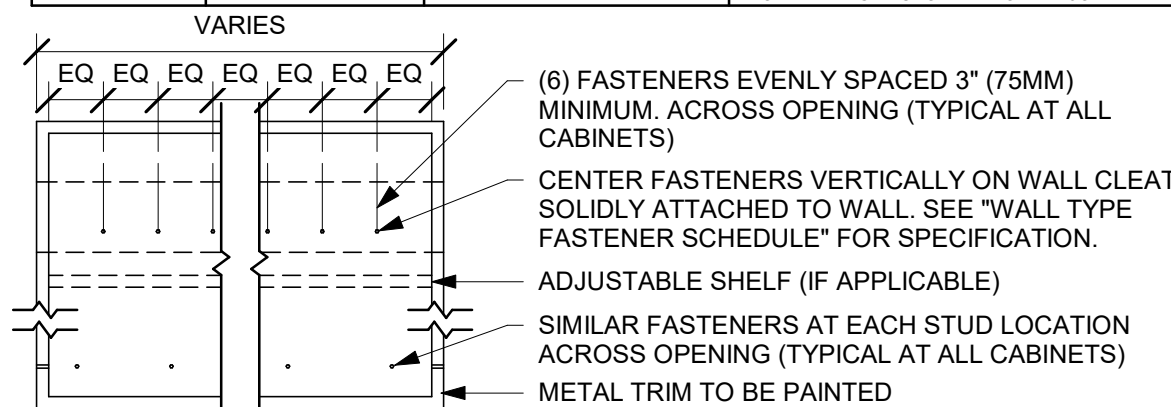


1 RECESSED WALK-OFF MAT
Scale: 6" = 1'-0"



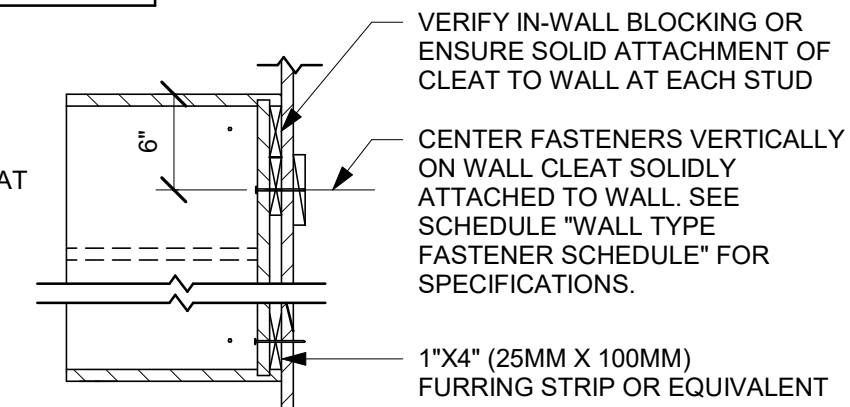
2 ECO-GRIP BASE AT BAR DIEWALL
Scale: 6" = 1'-0"

WALL TYPE FASTENER SCHEDULE			
WALL TYPE	WALL BLOCKING	FASTENERS	NOTES
WOOD FRAME	X	#8 X3" (75MM) WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
METAL FRAME	X	#6 CT. X 1 1/4" (30MM) MTLWD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
CMU		MIN. 5/16" X 3" (8MM X 75MM) TAPCON OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
CONCRETE		MIN. 1/4" X 3" (7MM X 75MM) SLEEVE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
BRICK		MIN. 1/4" X 1" (7MM X 25MM) WEDGE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET AVOID SETTING ANCHORS IN MORTAR JOINTS



3 UPPER CABINET ATTACHMENT
Scale: 1" = 1'-0"

STUD WALL BLOCKING REQUIREMENTS:
WOOD STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH (3) 10D NAILS (OR EQUIVALENT)
METAL STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH MIN. (3) #6 CT. 1.25" (30MM) SCREWS (OR EQUIVALENT)



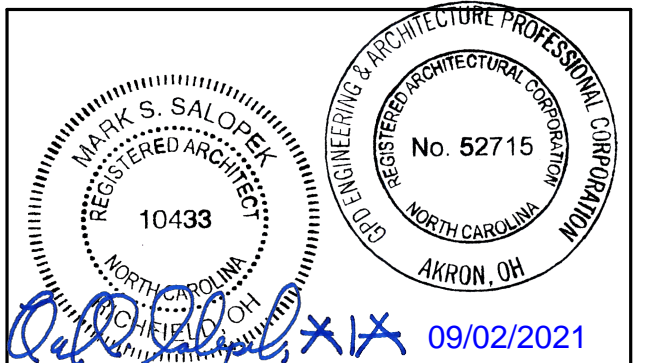
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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261-36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

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1501



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GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

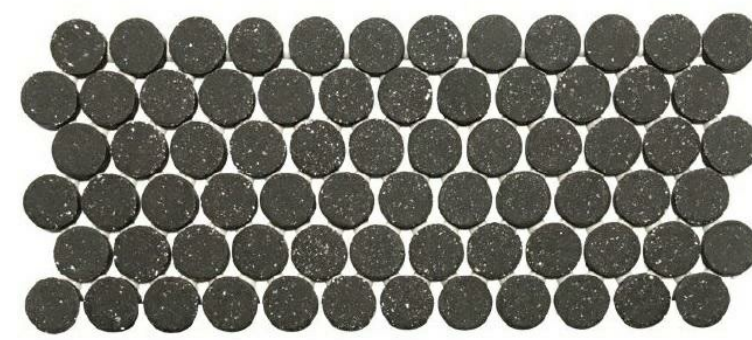
STORE #: 59763
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Rev	Date	By	Description

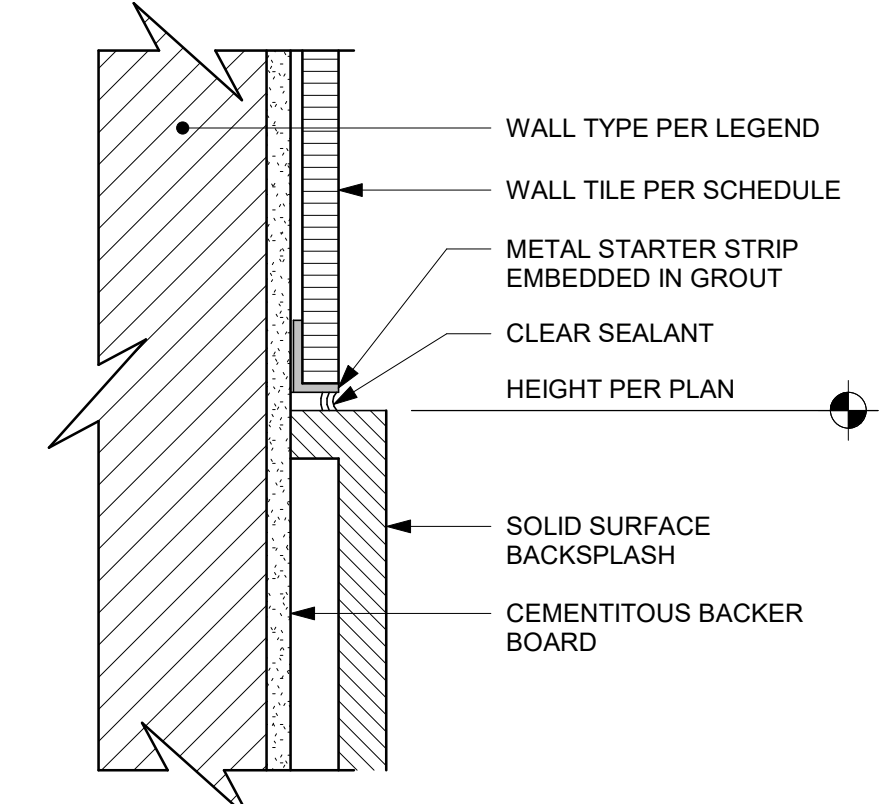
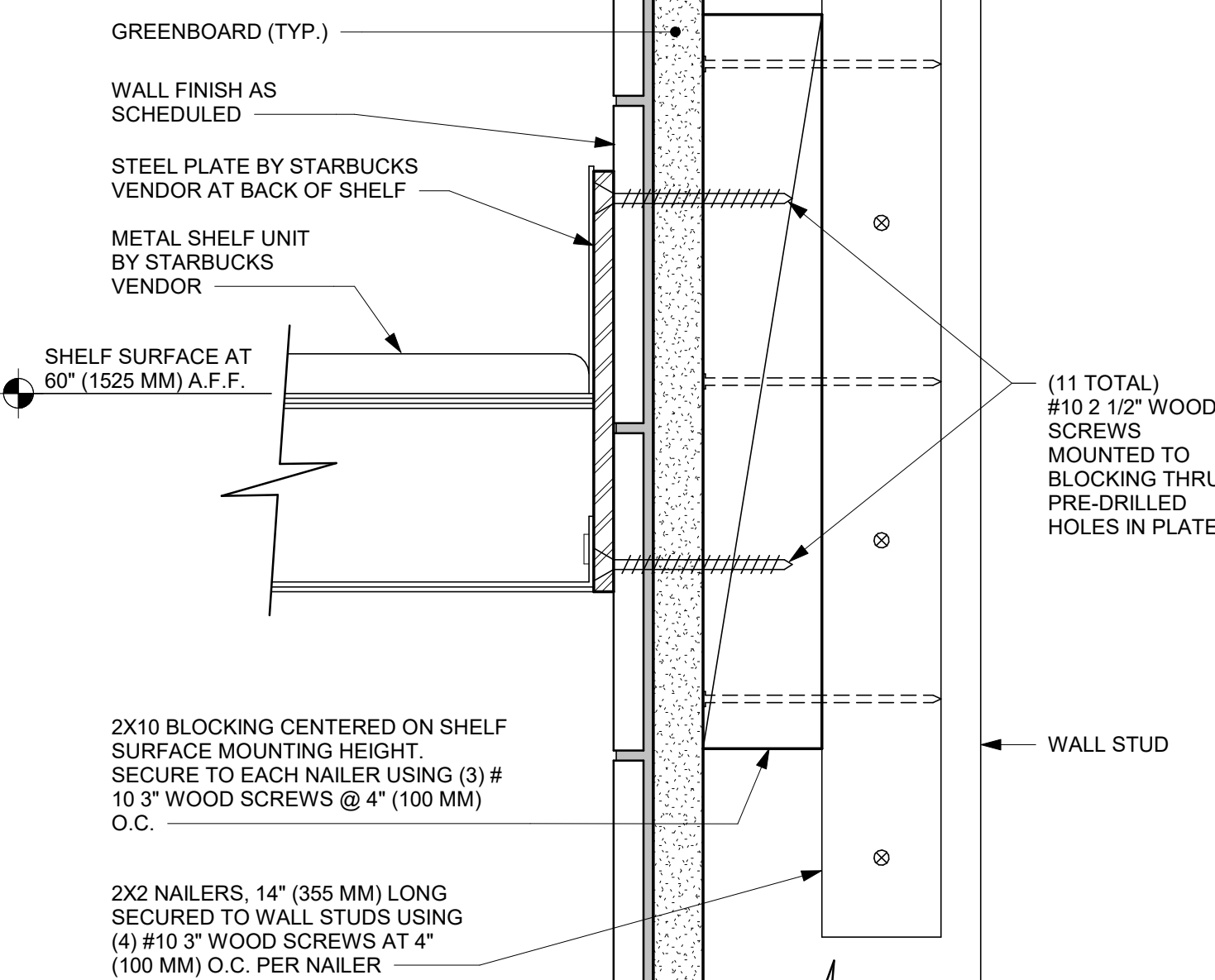
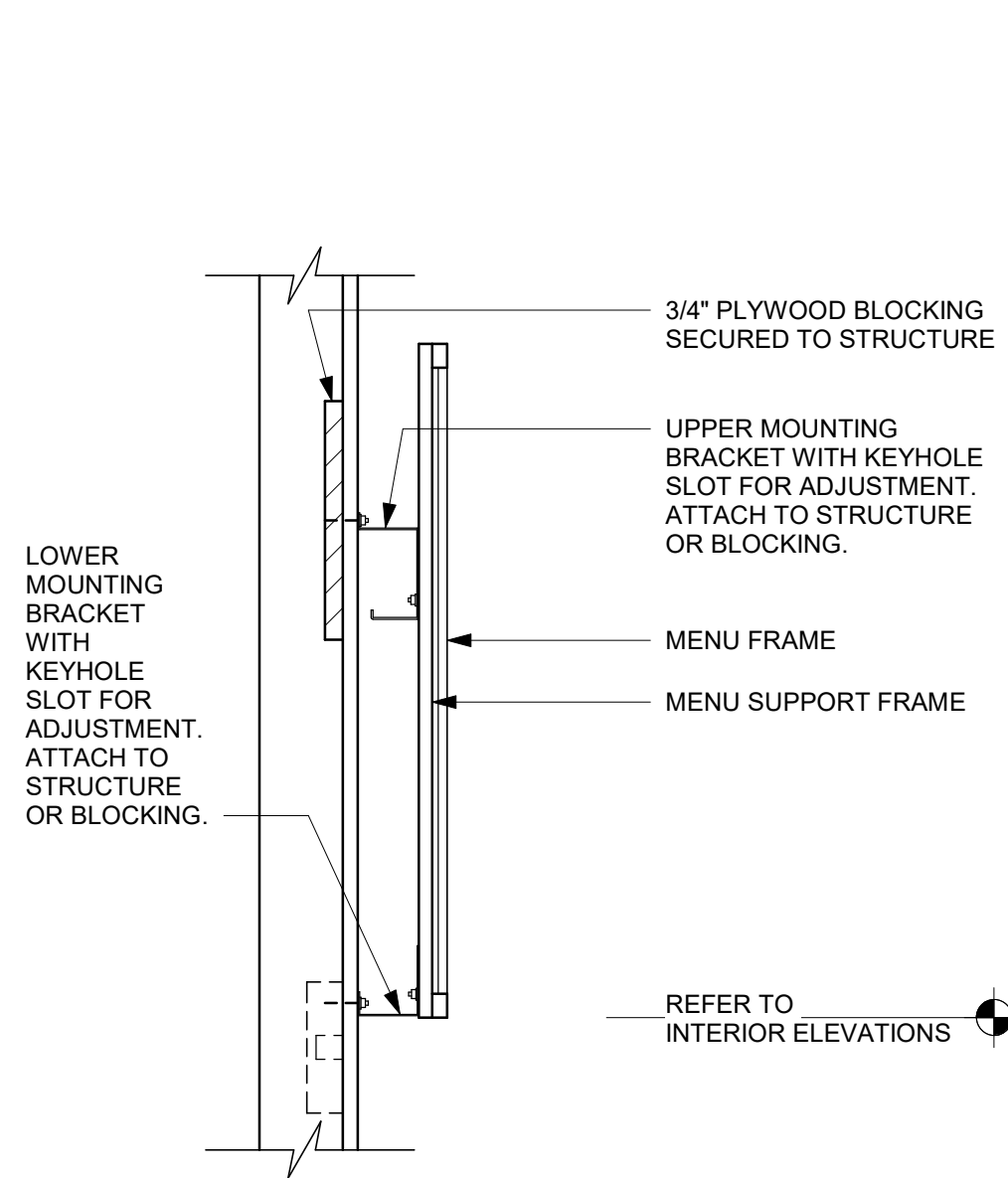
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INTERIOR DETAILS

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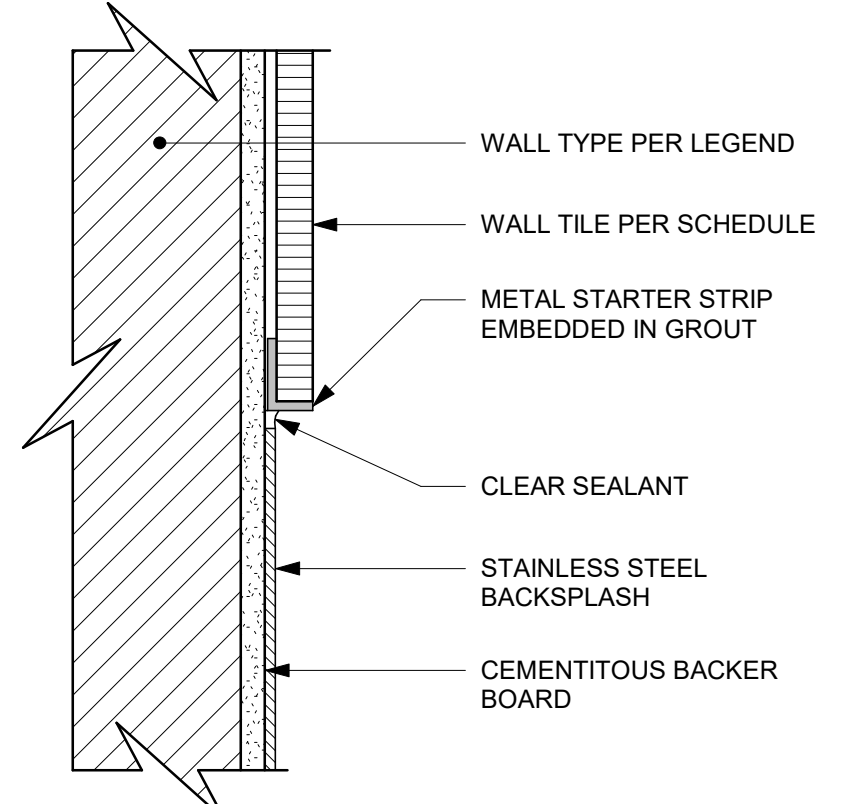
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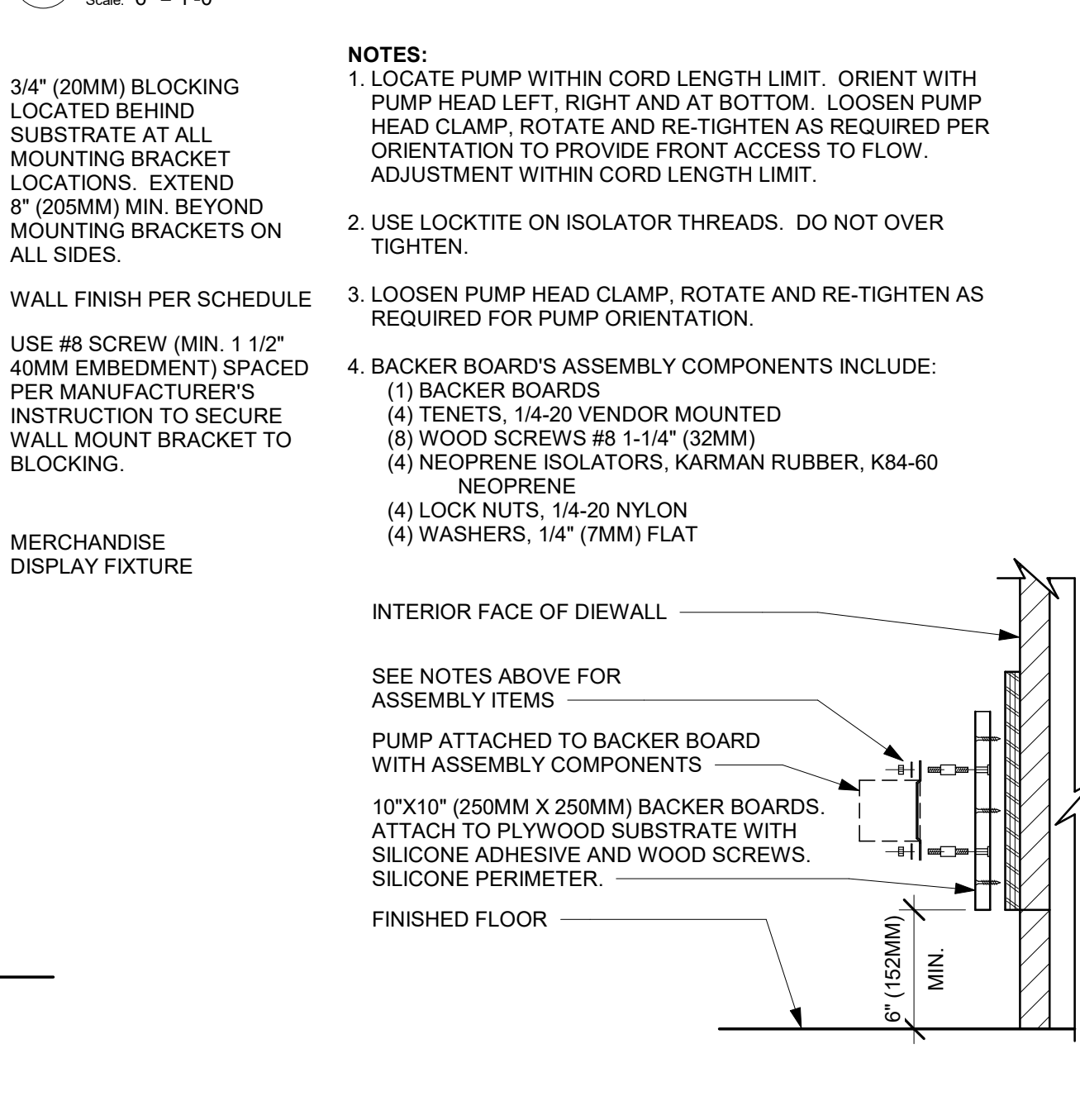
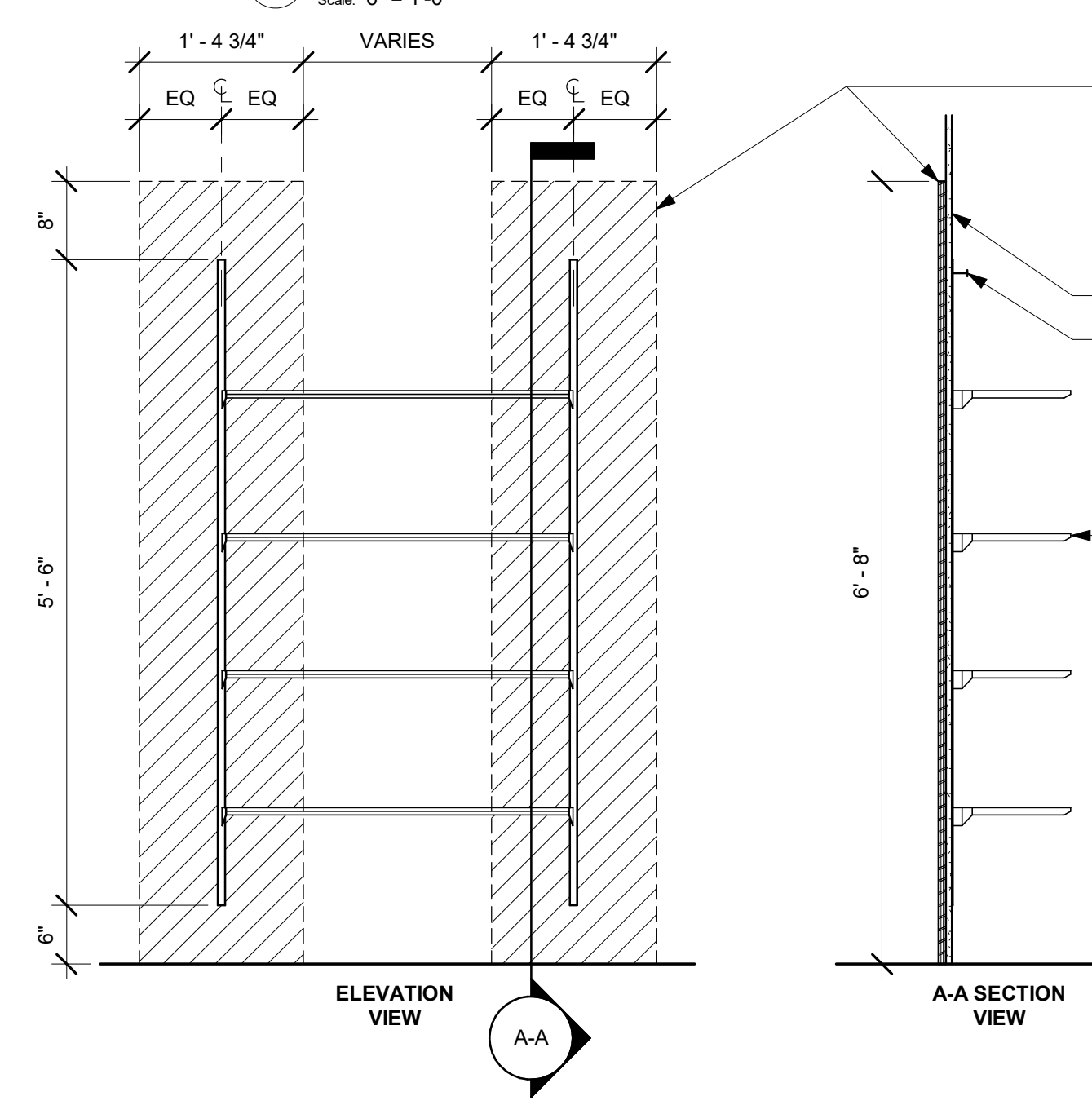
11 BACKBAR WALL TILE PATTERN
Scale: 1 1/2" = 1'-0"



12 SS BACKSPLASH TO TILE TRANSITION
Scale: 6" = 1'-0"

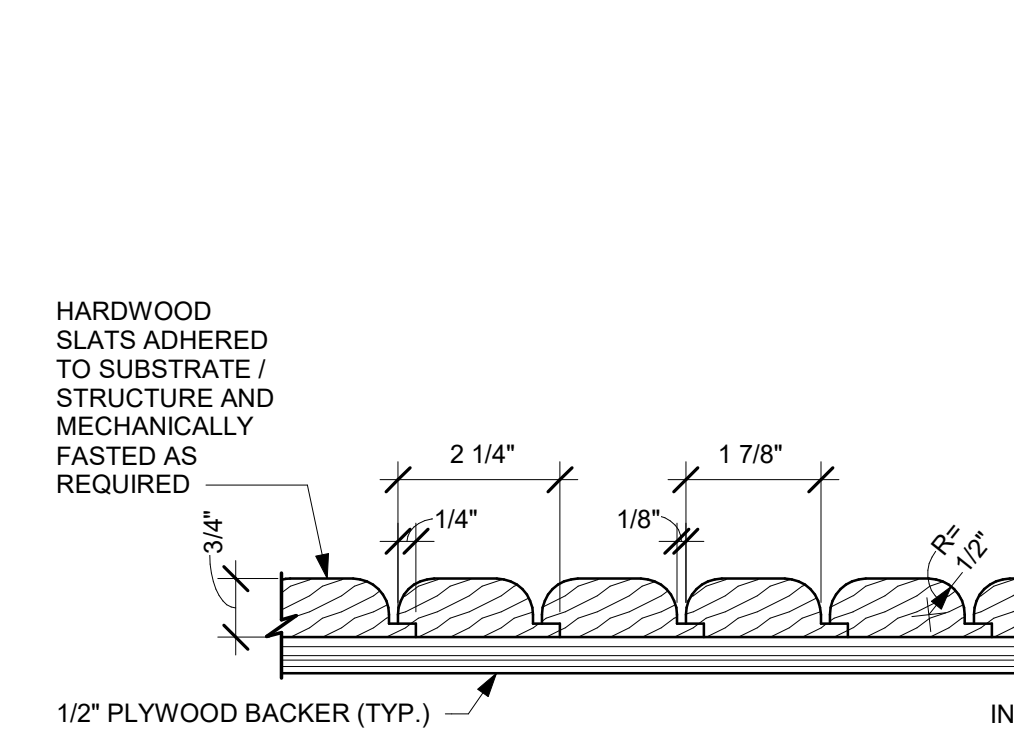


13 SST BACKSPLASH TO TILE TRANSITION
Scale: 6" = 1'-0"

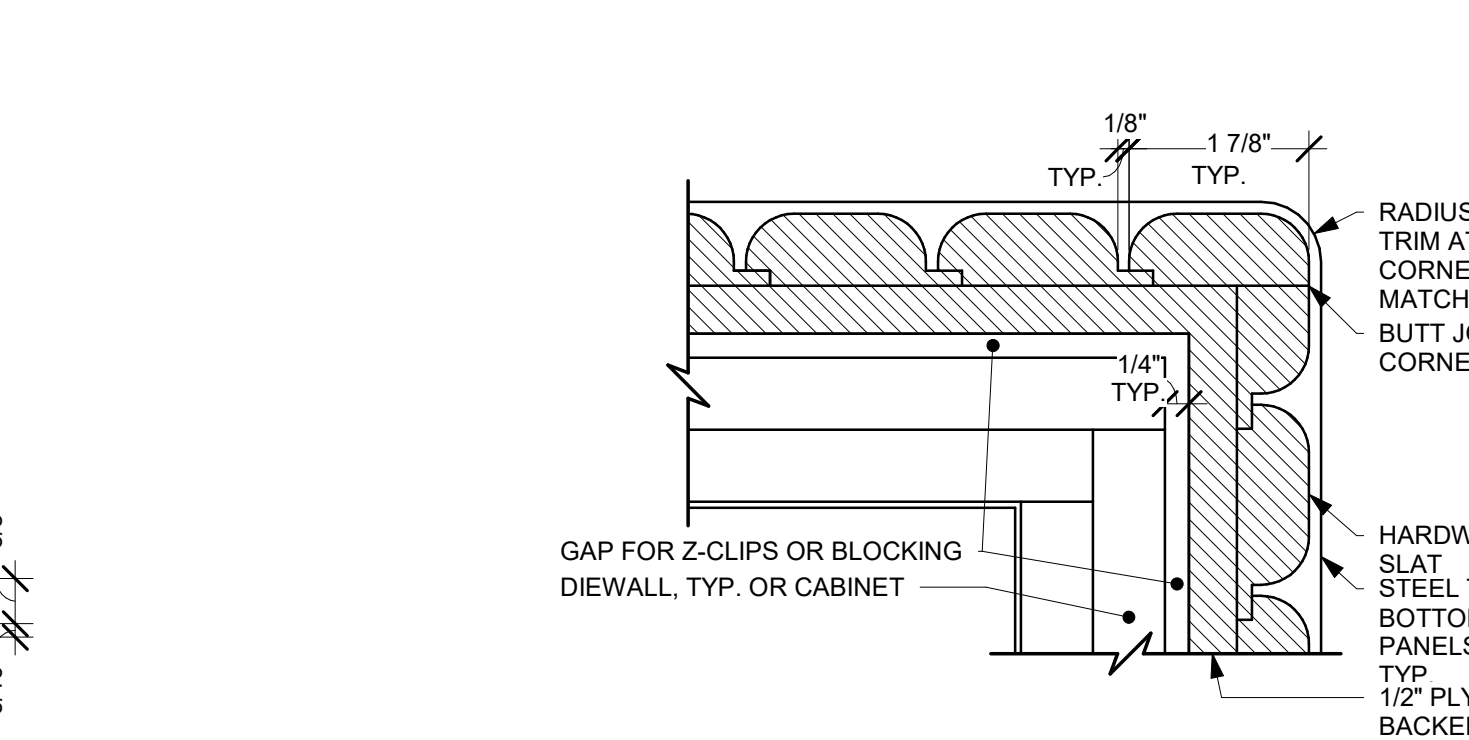


- NOTES:**
- LOCATE PUMP WITHIN CORD LENGTH LIMIT. ORIENT WITH PUMP HEAD LEFT, RIGHT AND AT BOTTOM. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED PER ORIENTATION TO PROVIDE FRONT ACCESS TO FLOW. ADJUSTMENT WITHIN CORD LENGTH LIMIT.
 - USE LOCKTITE ON ISOLATOR THREADS. DO NOT OVER TIGHTEN.
 - LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED FOR PUMP ORIENTATION.
 - BACKER BOARD'S ASSEMBLY COMPONENTS INCLUDE:
 - (1) BACKER BOARDS
 - (4) TENETS, 1/4-20 VENDOR MOUNTED
 - (8) WOOD SCREWS #8 1-1/4" (32MM)
 - (4) NEOPRENE ISOLATORS, KARMAN RUBBER, K84-60 NEOPRENE
 - (4) LOCK NUTS, 1/4-20 NYLON
 - (4) WASHERS, 1/4" (7MM) FLAT

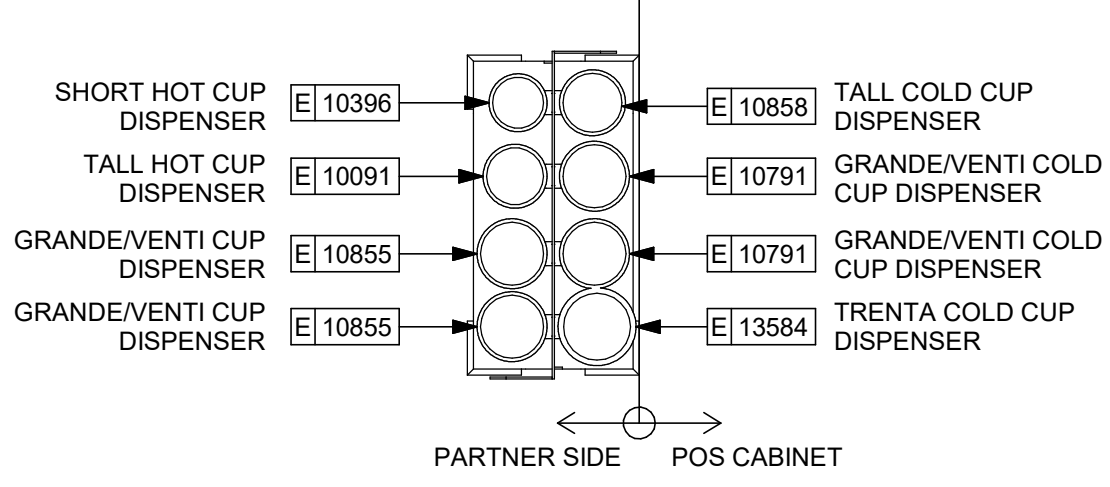
7 MENU - WALL MOUNT W/ SHELF
Scale: 1 1/2" = 1'-0"



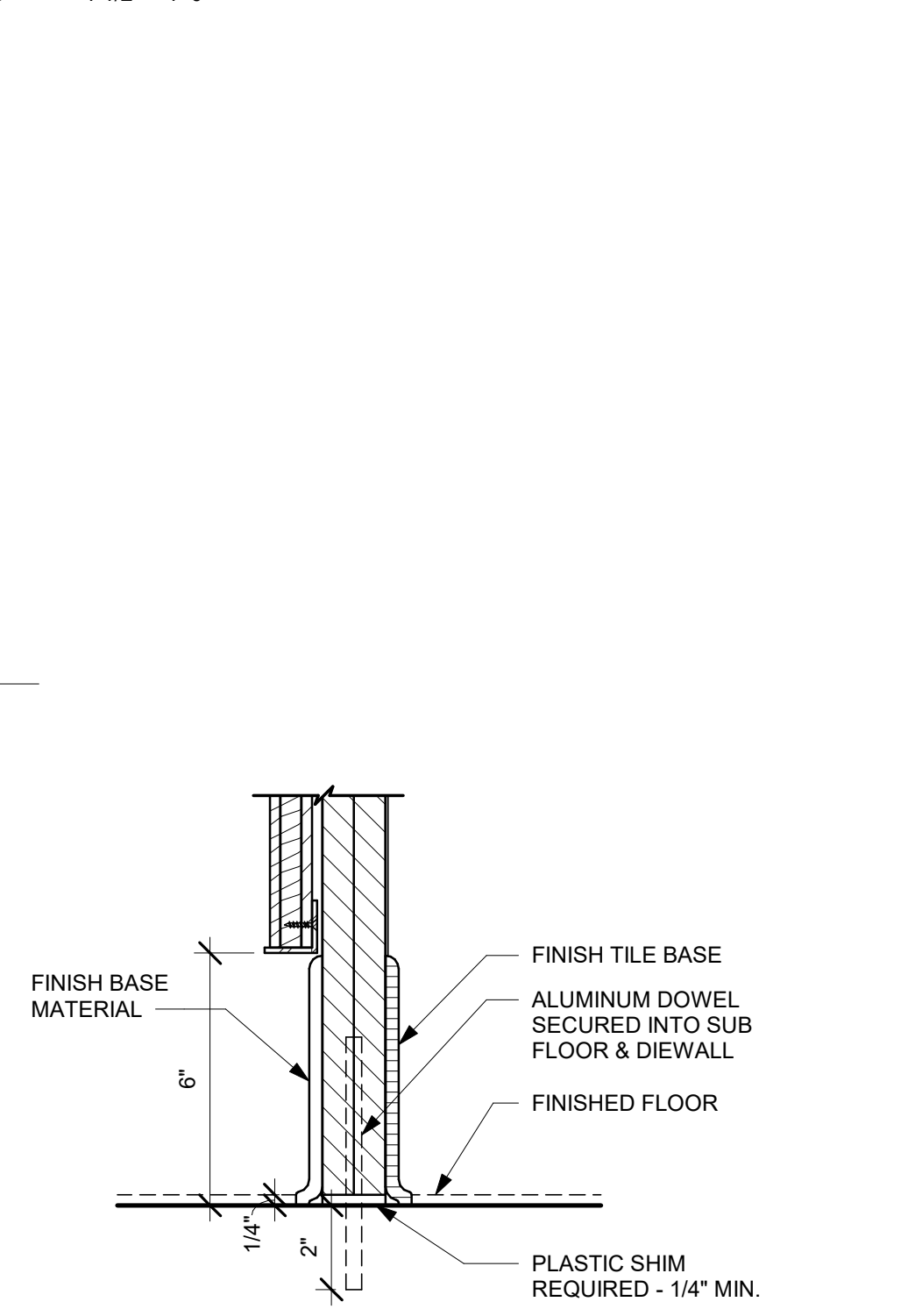
8 METAL TEA SHELF WOOD WALL ATTACHMENT
Scale: 6" = 1'-0"



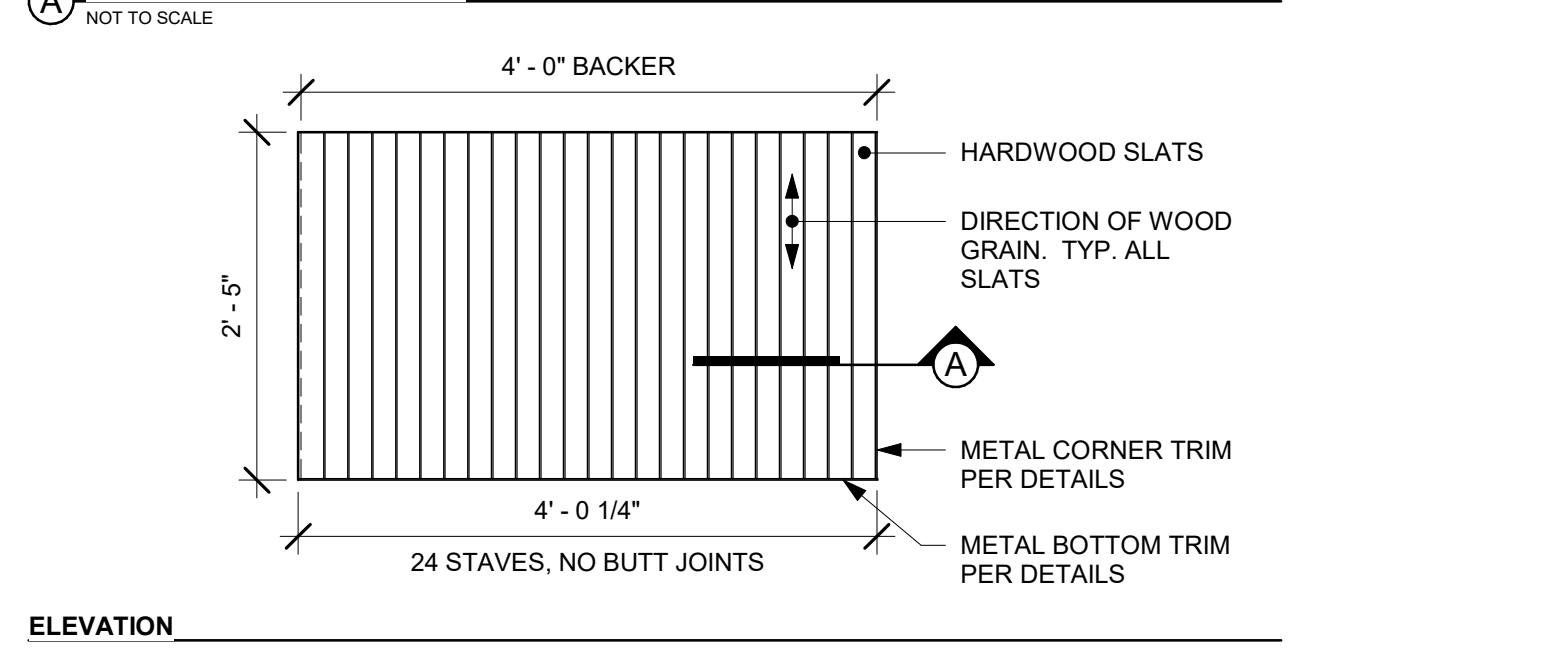
9 MERCH DISPLAY IN-WALL BAY ATTACHMENT
Scale: 3/4" = 1'-0"



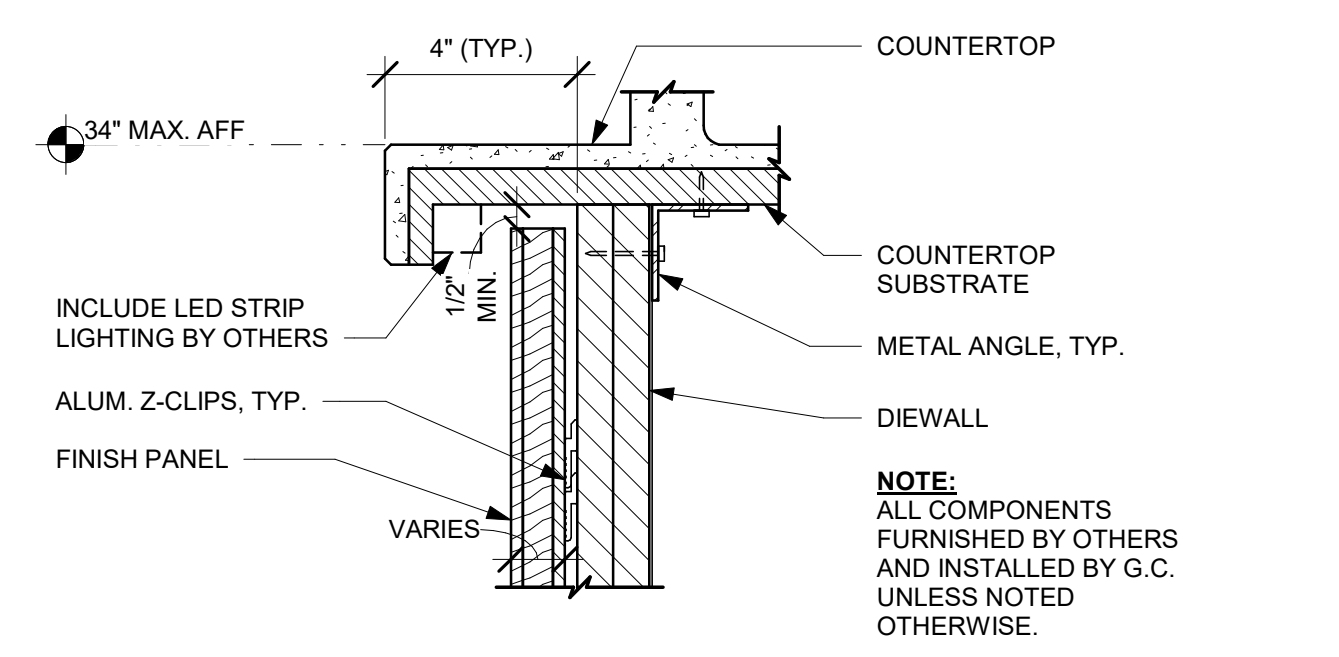
10 ESPRESSO PUMP MOUNTED AT DIE WALL
Scale: 1 1/2" = 1'-0"



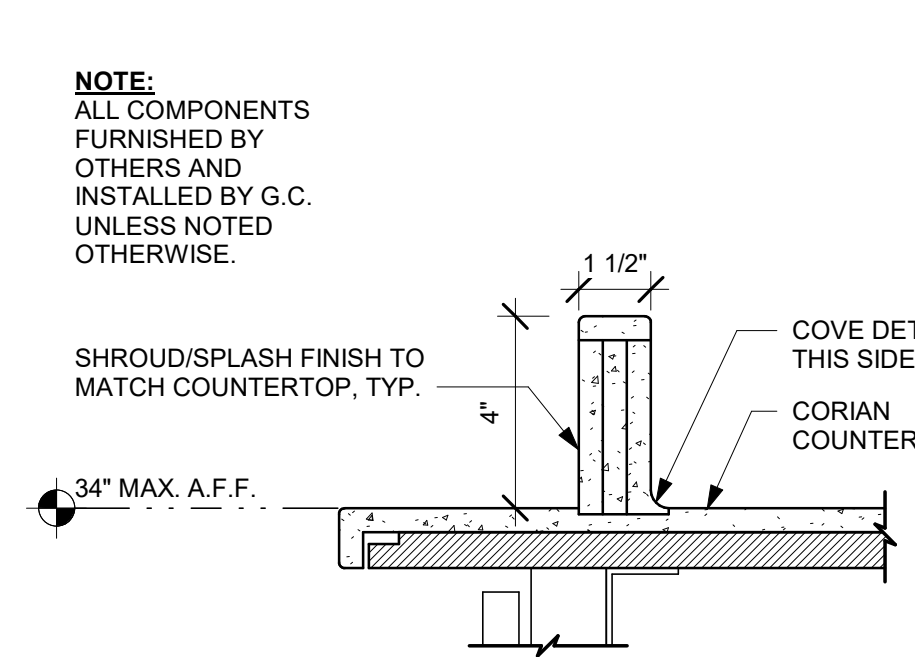
1 FINISH APPLICATION (MAD 200-V) ROUNDED SLAT W/ REVEAL
Scale: 3/4" = 1'-0"



2 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG
Scale: 3" = 1'-0"



3 ESP SHROUD - CORIAN
Scale: 3" = 1'-0"



4 FINISH PANEL - 6" BASE
Scale: 3" = 1'-0"



9/2/2021 8:56:27 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



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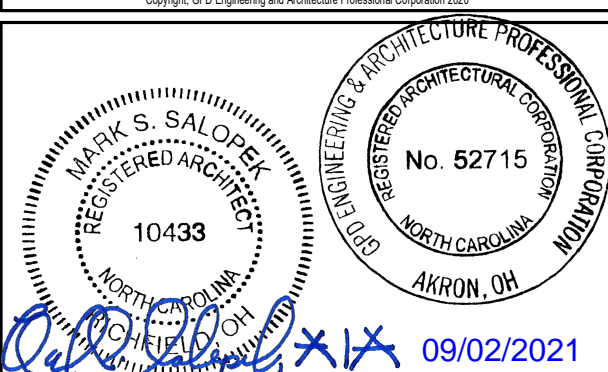


GPD Engineering and Architecture
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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

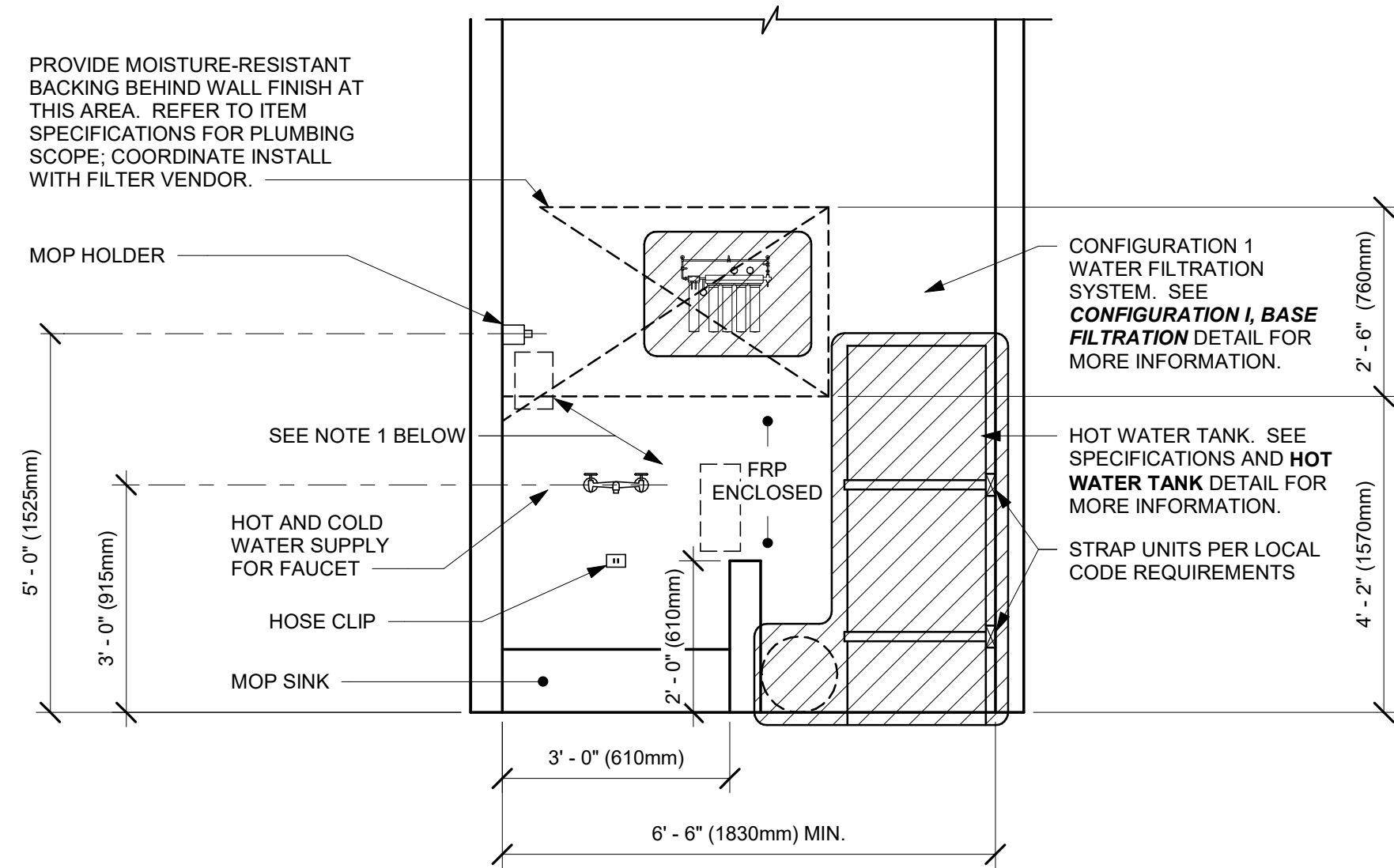
STORE #: 59763
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DESIGN MANAGER: ASHLEY SUEIRAS
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Rev	Date	By	Description

SHEET TITLE:
DESIGN DETAILS

SCALE: AS SHOWN

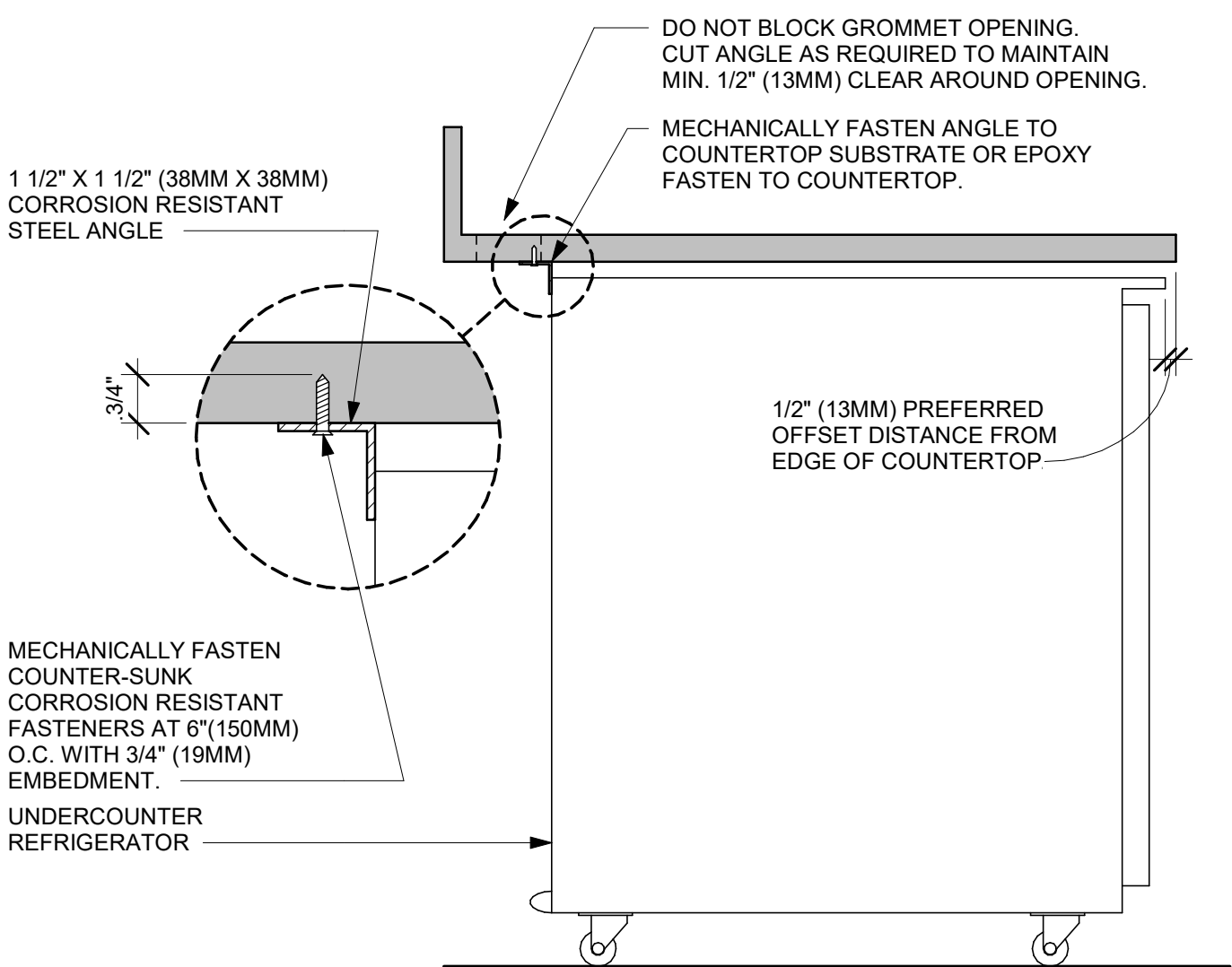
SHEET NUMBER:
1503



NOTE:
1. KEEP CLEAR AT BACKWALL FOR CHEMICAL DISPENSING SYSTEM COMPONENTS, TO BE INSTALLED BY SYSTEM VENDOR. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

6 CONFIGURATION I

Scale: 1/2" = 1'-0"



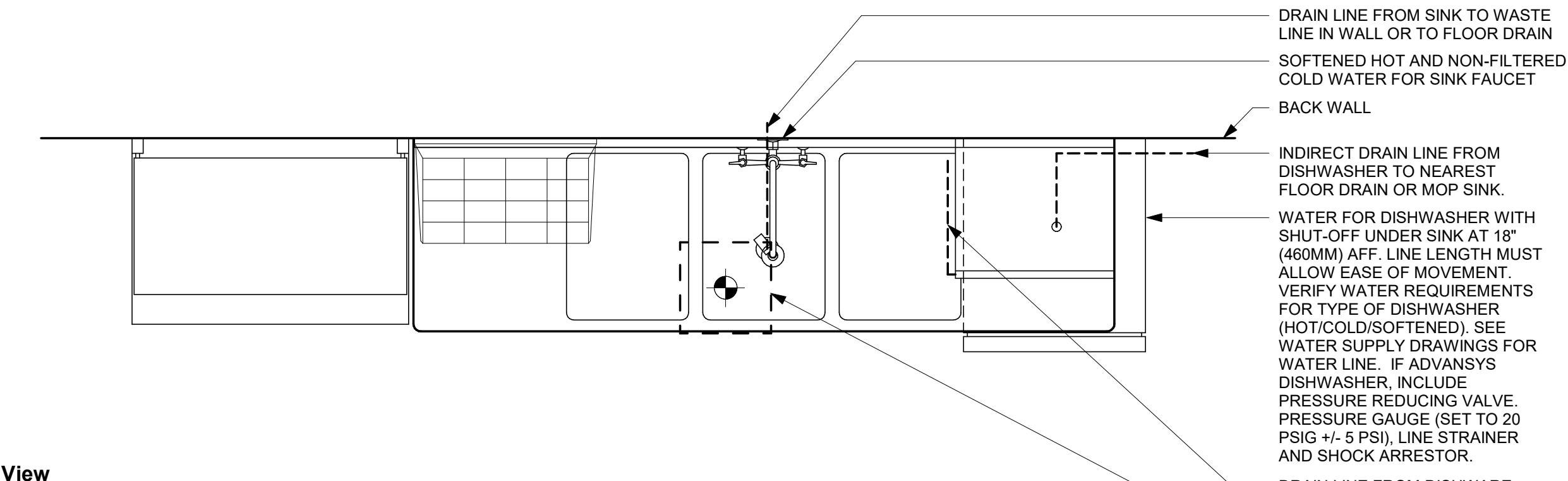
SECTION VIEW

NOTES

- 24" (610MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH SINGLE DOOR REFRIGERATORS.
- 48" (1220MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH DOUBLE DOOR REFRIGERATORS.

7 UNDERCOUNTER REFRIGERATOR STOP INSTALLATION

Scale: 1 1/2" = 1'-0"



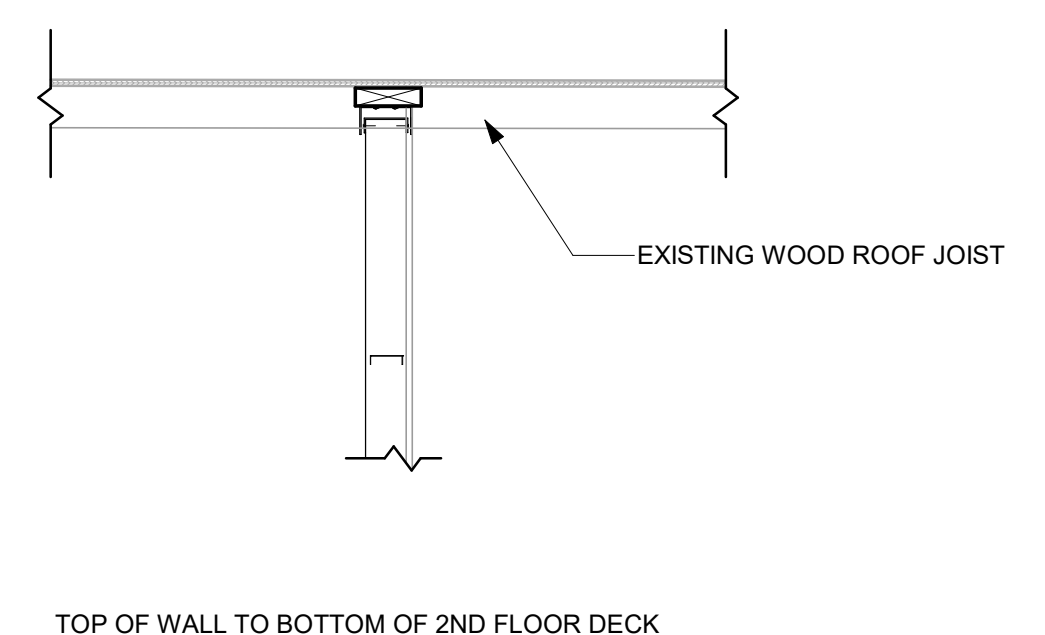
Plan View

Elevation View

KEEP CLEAR FOR WALL MOUNTED CHEMICAL DISPENSING SYSTEM. TO BE INSTALLED BY SYSTEM VENDOR. PROVIDE BACKING BEHIND WALL FINISH FOR EQUIPMENT MOUNTING. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

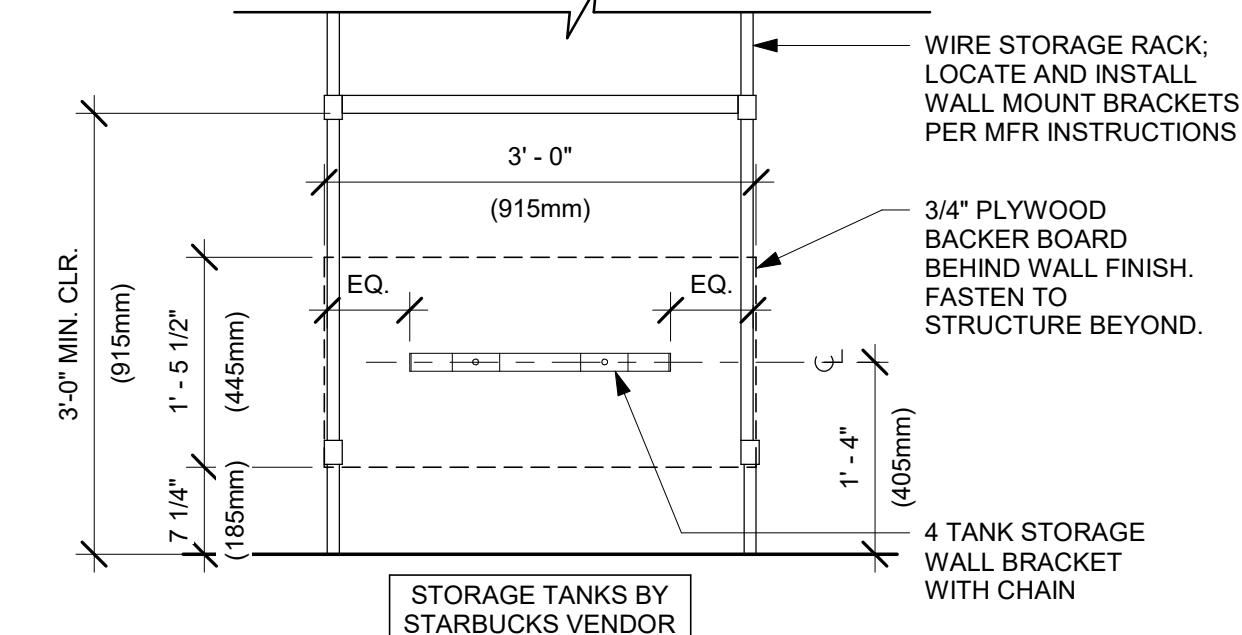
1 SANITIZING (GENERIC) - PLUMBING

Scale: 3/4" = 1'-0"



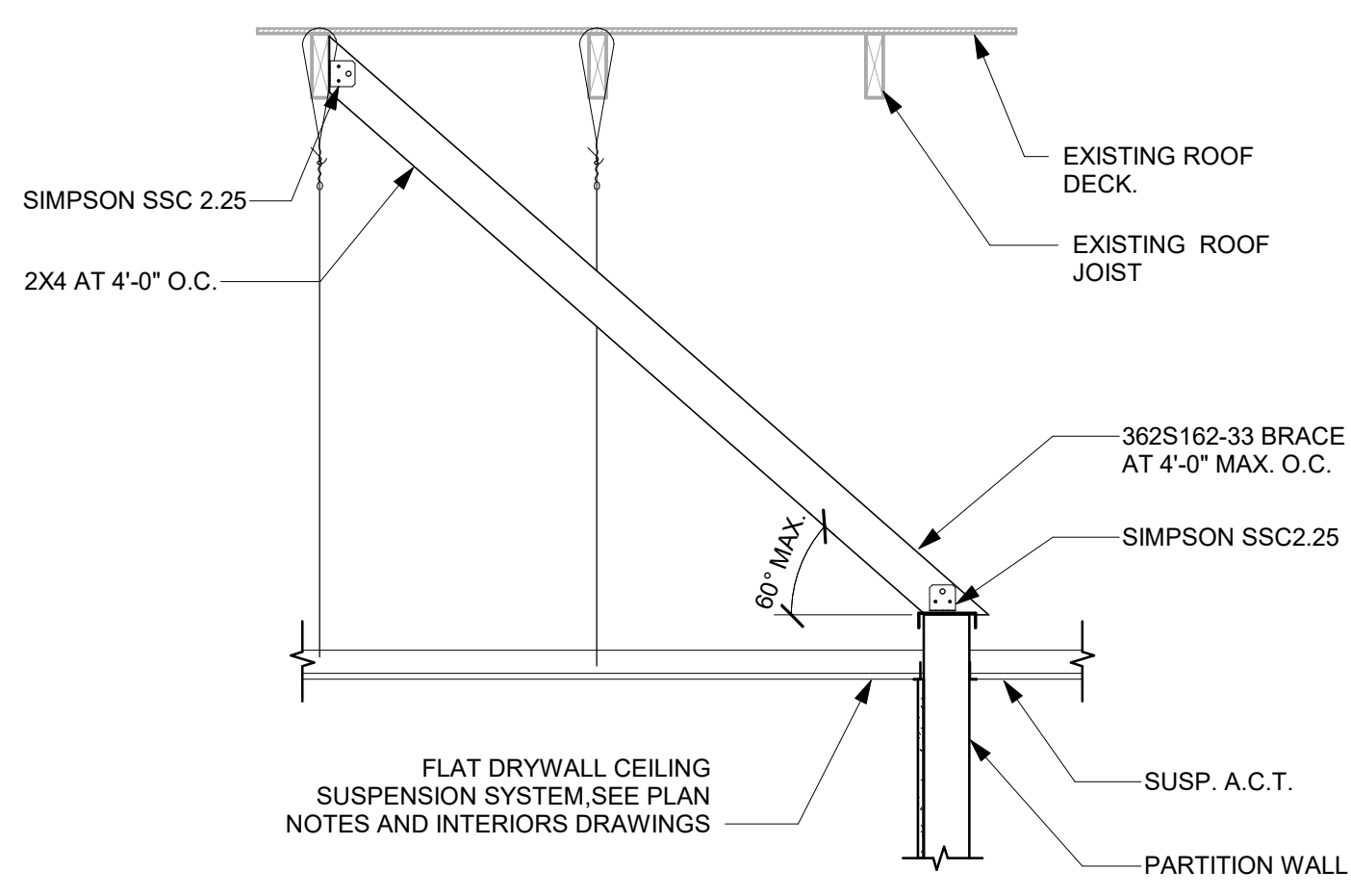
4 TYP. WALL PERP. TO ROOF JOISTS

Scale: 3/4" = 1'-0"



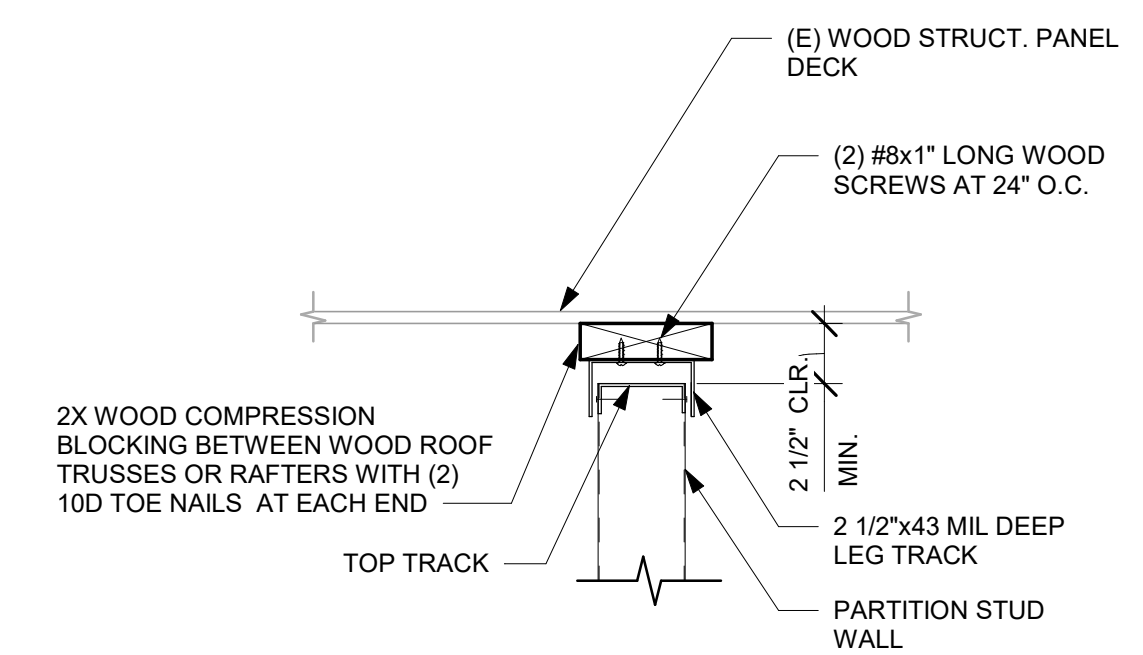
5 GAS CYLINDER BRACING

Scale: 3/4" = 1'-0"



2 TYP. WALL PARALLEL TO AND BELOW TRUSSES

Scale: 3/4" = 1'-0"



3 TYPICAL SLIP TRACK CONNECTION

Scale: 1 1/2" = 1'-0"

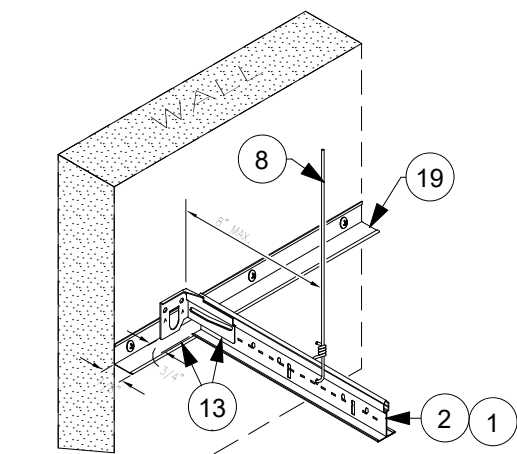
9/2/2021 8:56:29 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

SEISMIC POST SCHEDULE

NOMINAL SIZE	POST TYPE	ALLOWABLE LENGTH
3/4" x 1/2" x 0.059"	MTL. CHANNEL	26"
(2) 3/4" x 1/2" x 0.059"	MTL. CHANNEL (BACK-TO-BACK)	39"
1 1/2" x 9/16" x 0.059"	MTL. CHANNEL	33"
(2) 1 1/2" x 9/16" x 0.059"	MTL. CHANNEL (BACK-TO-BACK)	44"
1 5/8" x 1 1/4" x 0.0197"	MTL. CHANNEL	106"
(2) 1 5/8" x 1 1/4" x 0.0197"	MTL. CHANNEL (BACK-TO-BACK)	141"
1/2" Ø x 0.042" WALL THICKNESS	EMT. CONDUIT	47"
3/4" Ø x 0.049" WALL THICKNESS	EMT. CONDUIT	61"
1" Ø x 0.057" WALL THICKNESS	EMT. CONDUIT	78"
1 1/4" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	102"
1 1/2" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	118"
2" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	150"
2 1/2" x 20 GAUGE	MTL. C-STUD (SINGLE)	138"
2 1/2" x 20 GAUGE	MTL. C-STUD (BACK-TO-BACK)	180"
3 5/8" x 20 GAUGE	MTL. C-STUD (SINGLE)	144"
3 5/8" x 20 GAUGE	MTL. C-STUD (SINGLE)	168"

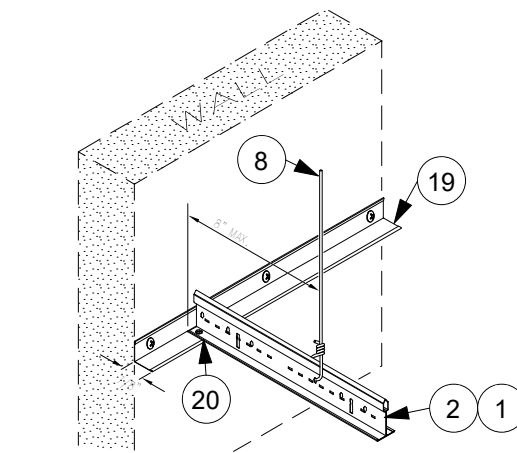
SCHEDULE NOTES:

1. THE INFORMATION PROVIDED IS FOR QUICK REFERENCE ONLY. OTHER RESTRICTIONS AND EXEMPTIONS MAY APPLY.
2. ALL STRUTS AND ALLOWABLE LENGTHS SHOULD BE VERIFIED BY APPROPRIATE AUTHORITIES.
3. WALL MOLDINGS SHOULD NOT BE USED AS STRUTS.
4. A STRUCTURAL ENGINEER SHOULD BE CONSULTED FOR LENGTHS GREATER THAN 15'-0"



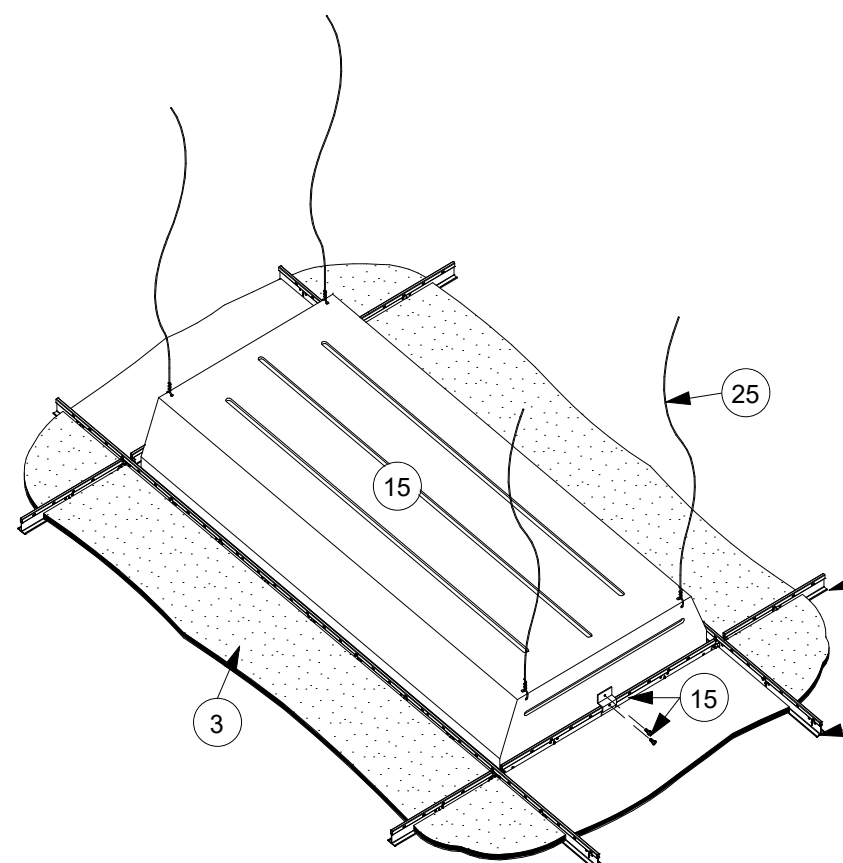
11 SEISMIC GRID AT WALL - UNATTACHED

Scale: 1 1/2" = 1'-0"



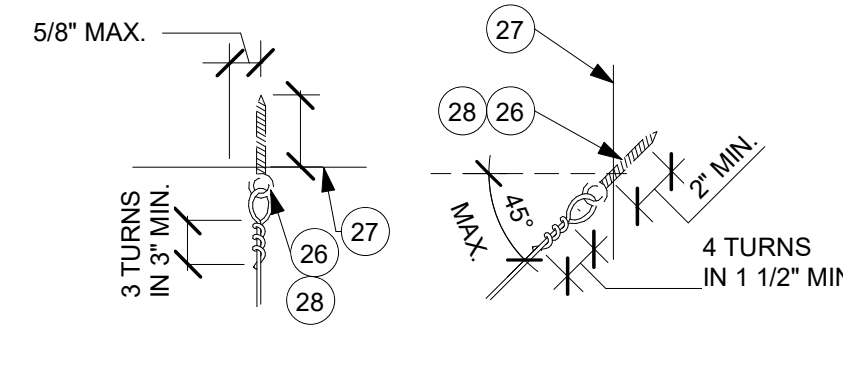
9 SEISMIC GRID AT WALL - ATTACHED

Scale: 1 1/2" = 1'-0"



5 SEISMIC GRID WITH LIGHT FIXTURE DETAIL

Scale: 3/4" = 1'-0"

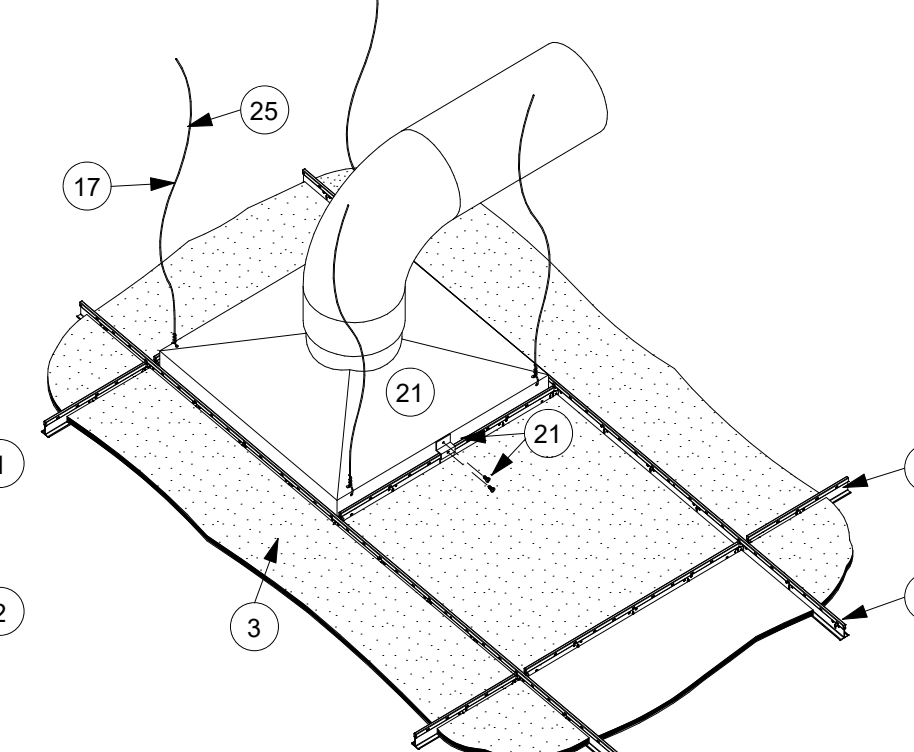


1 HANGER WIRE ATTACHMENT

Scale: 3" = 1'-0"

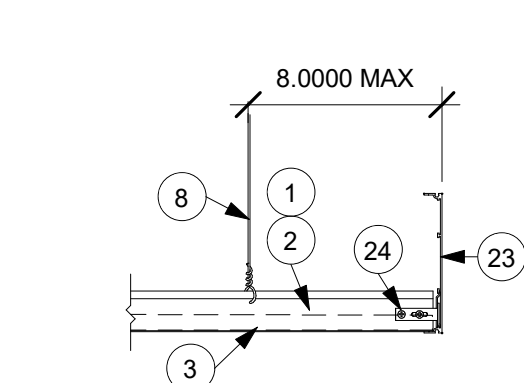
10 TYPICAL CEILING GRID LAYOUT

Scale: 1/4" = 1'-0"



6 SEISMIC GRID WITH AIR DIFFUSER DETAIL

Scale: 3/4" = 1'-0"

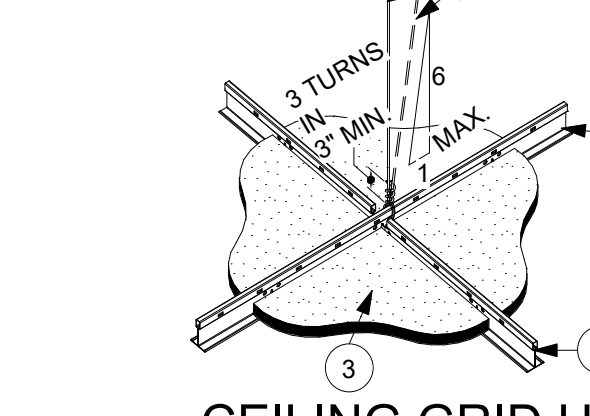


2 SECTION AT CEILING GRID END TRIM

Scale: 1 1/2" = 1'-0"

7 EMT COMPRESSION STRUT DETAIL

Scale: 1 1/2" = 1'-0"

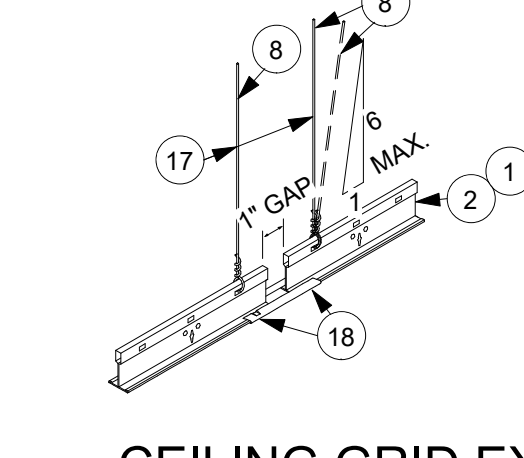


3 CEILING GRID HANGER WIRE CONNECTION

Scale: 1 1/2" = 1'-0"

8 MTL STUD COMPRESSION STRUT DETAIL

Scale: 1 1/2" = 1'-0"

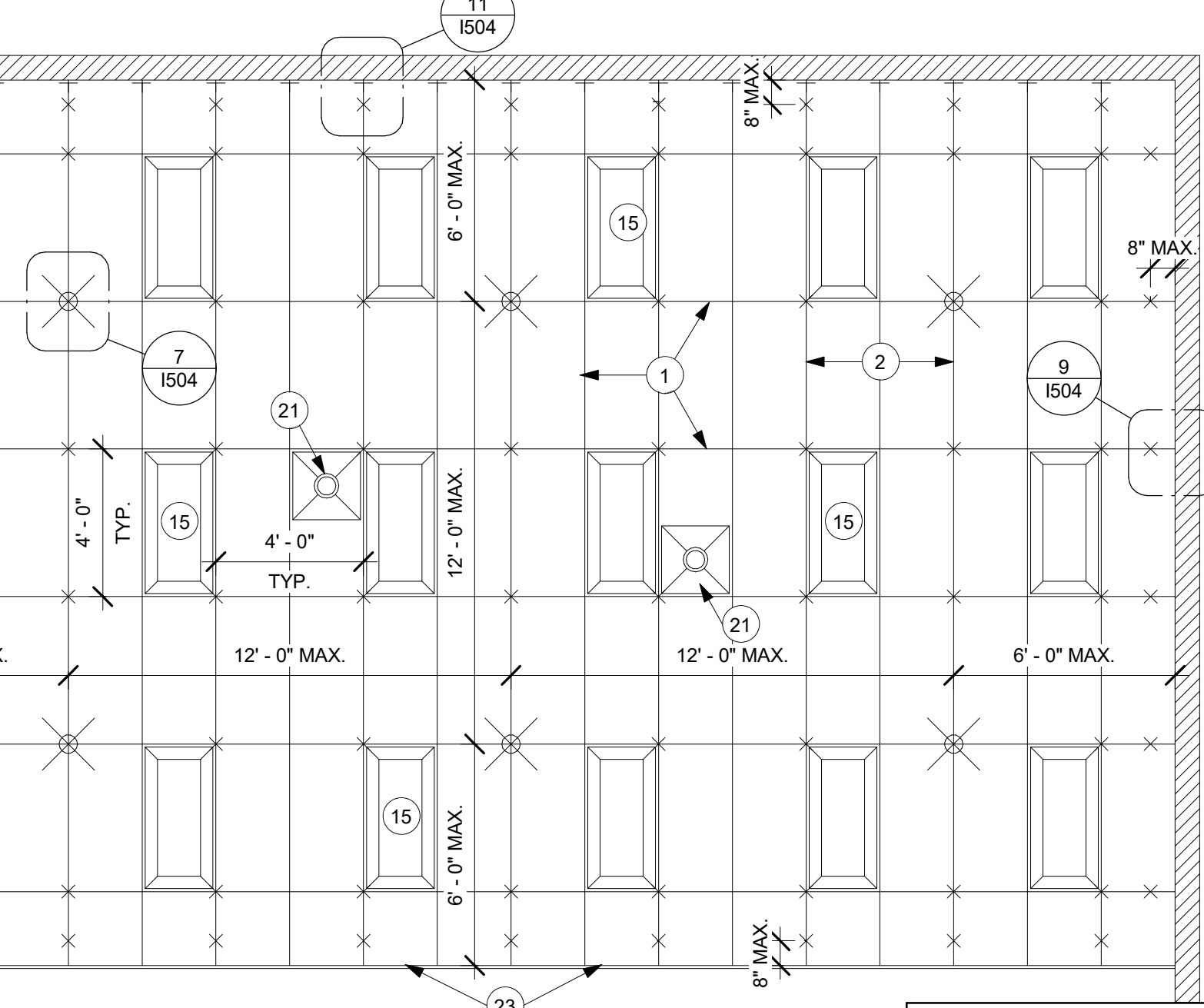


4 CEILING GRID EXPANSION JOINT DETAIL

Scale: 1 1/2" = 1'-0"

12 SECTION AT SEISMIC 2x4 CEILING GRID - CBC

Scale: 3/8" = 1'-0"



PLAN DETAILS SHOWN TO INDICATE SEISMIC REQUIREMENT COMPLIANCE METHODS ONLY. IT REMAINS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO INSTALL THE COMPLETE SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS.

LEGEND:

- COMPRESSION STRUT AND SPLOY WIRES
- HANGER AND PERIMETER WIRES
- 2" BEAM END RETAINING CLIP (BERC-2)
- SUSPENSION GRID EDGING AND TRIM
- SEISMIC SLIP JOINT
- HVAC- 24" x 24" AIR DIFFUSER
- 24" x 48" RECESSED FLUORESCENT LIGHT FIXTURE
- DASHED LINE - FLOOR LINE OF RACEWAY BELOW
- FINISHED INTERIOR WALL

SEISMIC CEILING GENERAL NOTES: ICC ESR - 1308

1. REFERENCED SOURCES ARE: INTERNATIONAL BUILDING CODE, AMERICAN SOCIETY OF TESTING MATERIALS (ASTM C 635, ASTM C 636), AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7-08), & CEILING AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION (CISCA).
2. PROVIDE SUSPENDED CEILING GRID SYSTEMS FROM A SINGLE SOURCE (MANUFACTURER), DO NOT MIX GRID SYSTEMS.
3. PARTITIONS THAT ARE TIED TO THE CEILING AND ALL PARTITIONS GREATER THAN 6'-0" IN HEIGHT SHALL BE LATERALLY BRACED TO THE STRUCTURE. WALL BRACING SHALL BE INDEPENDENT OF THE CEILING SPLAY BRACING SYSTEM.
4. GENERALLY, SUSPENDED CEILING AREAS UNDER 1,000 SQUARE FOOT DO NOT REQUIRE HORIZONTAL RESTRAINT WIRE AND/OR RIGID BRACING. CONSULT RULING AUTHORITIES AND LOCAL CODES FOR MINIMUM CEILING AREA REQUIREMENTS.
5. PROVIDE SUSPENDED CEILING EXCEEDING 2,500 SQUARE FEET IN AREA WITH "SEISMIC SEPARATION JOINTS" TO BREAK THE CEILING INTO INDEPENDENT UNITS LESS THAN 2,500 SQUARE FEET IN AREA THAT WILL ACT FAVORABLY IN A SEISMIC EVENT, RE: 1/1504.
6. ALL MAIN BEAMS (MAIN TEE RUNNERS) SHALL BE HEAVY-DUTY OR APPROVED EQUAL. INSTALL AT MAXIMUM OF 4'-0" APART, RE: PROJECT MANUAL "SECTION 095113 - ACOUSTICAL PANEL CEILINGS" FOR SPECIFICATIONS.
7. ALL CROSS BEAMS (CROSS TEES) SHALL BE HEAVY-DUTY OR APPROVED EQUAL AND SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING DEFLECTION EQUAL TO 1/360 OF ITS SPAN, RE: PROJECT MANUAL "SECTION 095113 - ACOUSTICAL PANEL CEILINGS" FOR SPECIFICATIONS.
8. CHANGES IN CEILING PLANES REQUIRE POSITIVE BRACING AT TRANSITION.
9. ALL SEISMIC HANGER AND SPLOY WIRE SHALL BE 10 GAUGE GALVANIZED SOFT ANNEALED MILD STEEL OR CODE APPROVED EQUAL. ALL VERTICAL PERIMETER AND INTERMEDIATE HANGER WIRE SHALL BE 12 GAUGE GALVANIZED SOFT ANNEALED MILD STEEL OR CODE APPROVED EQUAL. HANGER AND PERIMETER WIRE SHALL BE INSTALLED VERTICALLY AT NO MORE THAN 10" FROM PLUMB (1 IN 6). ALL VERTICAL HANGER WIRE TIES SHALL BE "TWIST-TIE" IN NATURE WITH (3) TIGHT TURNS AROUND ITSELF IN 3" OF LENGTH. ALL SPLOY WIRE TIES SHALL BE "TWIST-TIE" IN NATURE WITH (4) TIGHT TURNS AROUND ITSELF IN 1-1/2" OF LENGTH, RE: 1/1504.
10. ALL HANGERS AND RUNNERS SHALL BE ACCURATELY LEVELED AND SPACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
11. PROVIDE LATERAL FORCE BRACING (VERTICAL COMPRESSION STRUTS AND SPLOY WIRES) AT 12'-0" MAXIMUM ON CENTER IN ALL DIRECTIONS AND 6'-0" MAXIMUM FROM FINISHED GRID EDGES AND WALLS, RE: 78 8/1504. SEE ADJACENT "SEISMIC POST SCHEDULE" FOR COMPRESSION STRUT SIZES.
12. SEISMIC SPLOY WIRES SHALL BE (4) WIRES ATTACHED TO THE MAIN BEAM (RUNNER). WIRES SHALL BE ARRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING. SPLOY WIRES SHALL BE INSTALLED WITHIN 2" OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING. SPLOY WIRES SHALL BE ATTACHED TO THE CEILING GRID AND STRUCTURE ABOVE IN SUCH A MANNER AS TO SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER, RE: 7/1504 AND 8/1504.
13. ATTACH HANGER WIRES ALONG MAIN RUNNERS AT 48" O.C. WITH MAIN RUNNERS PARALLEL TO EACH OTHER AT NO MORE THAN 48" APART, CREATING 48" HANGER WIRE ARRAY IN TWO DIRECTIONS.
14. TERMINAL ENDS OF EACH MAIN RUNNER AND CROSS TEE SHALL BE SUPPORTED WITHIN 8" OF EACH WALL OR FINISHED GRID EDGE WITH A PERIMETER WIRE.
15. PROVIDE ARMSTRONG 7/8" X 7/8" WALL ANGLE MOLDING IN CONJUNCTION WITH ARMSTRONG BERC-2 SEISMIC WALL CLIPS TO SUPPORT TERMINAL ENDS OF MAIN TEES AND CROSS TEES AT WALLS. CEILING GRIDS SHALL BE POSITIVELY ATTACHED TO WALL MOLDING WITH COLOR MATCHING POP RIVETS ON ADJACENT WALLS AND FREE TO SLIDE WITH A 3/4" GAP ON THE OPPOSING WALLS. USE "BERC-2 SEISMIC CLIPS BY ARMSTRONG" TO PROVIDE APPROVED SLIP-JOINT. REFER TO ICC EVALUATION SERVICE REPORT: ERS-1308", SECTION 4.4.3.
16. LIGHT FIXTURES AND MECHANICAL DEVICES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM AND CAPABLE OF RESISTING 100% OF THE FIXTURE WEIGHT IN ANY DIRECTION, RE: 5 & 6/1504
17. FOR CEILING WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF AT LEAST (1) INCH IN ALL HORIZONTAL DIRECTIONS.
18. NO SUSPENDED CEILING ASSEMBLY WITHIN THE PROPOSED RENOVATION SPACE SHALL INVOLVE A SUSPENSION LENGTH GREATER THAN 66".

SEISMIC CEILING KEY NOTES

1. HEAVY-DUTY T-BAR GRID CROSS TEE. PROVIDE CROSS TEES AND MAIN TEES WITH THE SAME PROFILES WHERE "OPEN" GRID IS INSTALLED. SEE SPECS.
2. HEAVY-DUTY T-BAR GRID MAIN RUNNER. SEE SPECS.
3. GYPSUM BOARD CEILING.
4. PROVIDE MTL TOP CLIP TO FASTEN COMPRESSION STRUT POST TO ROOF STRUCTURE PER ICC REPORT 1308.
5. PROVIDE FASTENERS AS APPROVED BY ICC REPORT 1308.
6. PROVIDE SPRING CLIP AROUND VERTICAL HANGER WIRE AS SHOWN.
7. APPLY TENSION TO COMPRESSION STRUT AND SECURE WITH # 10 X 1" SELF-TAPPING STL. SCREW OR CODE-APPROVED EQUAL.
8. INSTALL VERTICAL HANGER WIRE AT INTERSECTION OF MAIN AND CROSS TEE. VERTICAL SHALL BE DEFINED AS ± 10° (1 IN 6) FROM PLUMB, RE: 3/1504.
9. PROVIDE (4) SPLOY WIRES ATTACHED TO MAIN RUNNER NOT MORE THAN 2" FROM THE INTERSECTION OF MAIN RUNNER AND CROSS TEE.
10. TELESCOPING ELECTRICAL METALLIC TUBING (EMT) AS COMPRESSION STRUT, RE: "SEISMIC POST SCHEDULE" BELOW.
11. BACK-TO-BACK C-STUD AS ALTERNATIVE METHOD FOR COMPRESSION STRUT SYSTEM, RE: "SEISMIC POST SCHEDULE" BELOW. POSITIVELY ATTACH POSTS TO GRID AND STRUCTURE ABOVE WITH APPROVED FASTENERS.
12. PROVIDE VERTICAL "PERIMETER" SUSPENSION WIRE WITHIN 8" OF THE ENDS OF MAIN RUNNERS AND CROSS TEES ALIKE TERMINATE AT WALLS AND FINISH WITH EDGE TRIM.
13. PROVIDE 3/4" GAP BETWEEN WALL ANGLE AND GRID T-BAR END AT WALLS THAT REQUIRE SLIP-JOINT (UNATTACHED) CONDITION. INSTALL 2" BEAM END RETAINING CLIP (BERC-2) TO PROVIDE SLIP CONDITION.
14. ROOF STRUCTURE AND JOISTS FOR REFERENCE ONLY AS TYPE OF CONSTRUCTION MAY VARY. CONNECT TO STRUCTURE ABOVE USING METHODS AS APPROVED BY LOCAL CODES AND AUTHORITIES.
15. ATTACH LIGHT FIXTURES TO SUSPENSION GRID WITH CODE-APPROVED CLIPS AND FASTENERS ON TWO OPPOSITE SIDES OF THE FIXTURE TO THE GRID MAIN RUNNERS. PROVIDE TWO DIAGONALLY OPPOSED HANGER WIRES AT CORNERS OF LIGHT FIXTURE TO THE STRUCTURE ABOVE. WIRES MAY BE SLACK, RE: 5/1504.
16. PROVIDE BRACING AS NECESSARY TO MAINTAIN HANGER AND SPLOY WIRE ALIGNMENT, RE: 12/1504.
17. CONNECT HANGER WIRES AT NOT MORE THE 3" FROM OPEN ENDS OF T-BAR GRID.
18. PROVIDE 4" T-BAR CAP SLEEVE AS SLIP-JOINT. CRIMP ONE SIDE OF SPLICE CAP TO ALLOW MOVEMENT ON OPPOSITE END ONLY.
19. 7/8" X 7/8" MTL. WALL ANGLE SCREWED TO WALL WITH APPROVED FASTENERS, SEE SPECS.
20. PROVIDE COLOR MATCHING POP RIVETS TO FASTEN TERMINAL ENDS OF MAIN RUNNER AND CROSS TEES TO WALL ANGLES REQUIRING ATTACHMENT AND GRID ENDS TERMINATING IN TRIM.
21. ATTACH HVAC - DIFFUSERS TO SUSPENSION GRID WITH CODE-APPROVED CLIPS AND FASTENERS ON TWO OPPOSITE SIDES OF THE FIXTURE TO THE GRID MAIN RUNNERS. PROVIDE TWO DIAGONALLY OPPOSED HANGER WIRES AT CORNERS OF DIFFUSER TO THE STRUCTURE ABOVE. WIRES MAY BE SLACK.
22. PROVIDE SEISMIC SEPARATION JOINTS AS REQUIRED FOR CEILING AREAS IN EXCESS OF 2,500 SQUARE FEET. "REFLECTED CEILING PLAN" FOR SEPARATION LAYOUTS AND 4/1504.
23. PROVIDE 6" EDGE TRIM AT OUTSIDE EDGE OF CEILING GRID IN GOLF, RE: 2/1504 AND SEE SPECS.
24. INSTALL ARMSTRONG AXIOM T-BAR CONNECTION CLIP AT EACH GRID END. FASTEN CLIP TO GRID ENDS WITH #6 X 7/16" FRAMING SCREWS, RE: 2/1504.
25. SLACK WIRE AT DIAGONALLY OPPOSING CORNERS OF FIXTURES
26. (1)-1/4" DIAMETER CLOSED EYE SCREW WITH 2" MIN. EMBEDMENT.
27. EXISTING ROOF WOOD BEAMS. CONTRACTOR TO VERIFY LOCATION.
28. HANGER AND OR BRACING WIRE ANCHORS TO TEH STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
29. PROVIDE COLOR MATCHING 7/8" FLANGE X 1 3/4" HIGH X 9/16" FLANGE "C" CHANNEL TO TRIM OUTSIDE EDGE OF GRID. SEE SPECS. PROVIDE COLOR MATCHING POP RIVETS TO FASTEN MAIN RUNNER AND CROSS TEES TO CHANNEL.



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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36
2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
DESIGN DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
1504

BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt 9/2/2021 8:56:38 AM

SPECIALTY EQUIPMENT SCHEDULE - "E"
Table with columns: DESIGN ID, COUNT, DESCRIPTION, FURN. BY, INST. BY, COMMENTS. Includes sections for COOLING, EQUIPMENT, FOOD CASE, ICE, OTHER, and STORAGE.

DATA DEVICE SCHEDULE - "A"
Table with columns: DESIGN ID, COUNT, DESCRIPTION, FURN. BY, INST. BY, COMMENTS. Includes sections for AUDIO VISUAL, DATA, POINT OF SALE, and SECURITY.

CASEWORK FINISH SCHEDULE
Table with columns: ENGINE ZONE, MATERIAL DESCRIPTION, FINISH CODE, COMMENTS. Lists various materials like COMPOSITE, METAL, and WOOD with their respective finish codes.

FURNITURE SCHEDULE - "F"
Table with columns: DESIGN ID, COUNT, DESCRIPTION, FURN. BY, INST. BY, COMMENTS. Lists furniture items like BANQUETTE, CHAIR, DESK, MIRROR, TABLE, and WINDOW TREATMENT.

CASEWORK SCHEDULE - "C"
Table with columns: DESIGN ID, COUNT, DESCRIPTION, FURN. BY, INST. BY, COMMENTS. Lists casework items like CUSTOM SCREEN, CABINET, COUNTERTOP, DIEWALL, FIT KIT, and SLATS.



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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36



PROJECT NAME: HWY 24 & BRINKLEY HILL
PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21

Revision Schedule table with columns: Rev, Date, By, Description

SHEET TITLE: CASEWORK AND FF&E SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER: 1601

WALL TREATMENT (AREA) SCHEDULE - "Q"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
PLASTIC						
11469	1595 SF	FRP - WHITE	GC	GC		
TILE						
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL	
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X580MM SHEET	SB	GC	GROUT: MAPEI -10 BLACK, OR EQUAL	
WALL COVERING						
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC		

WALL BASE SCHEDULE - "B"						
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
TILE BASE						
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO	
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC		
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING	

GRAPHICS AND ARTWORK SCHEDULE - "G"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
GRAPHICS - ARTWORK						
16908	1	ART - JENNIFER AMENT - STAR	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED OR RESIZED	
X9001	1	ARTWORK - 1	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9002	1	ARTWORK - 2	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9003	1	ARTWORK - 3	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9004	1	ARTWORK - 4	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9005	1	ARTWORK - 5	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9006	1	ARTWORK - 6	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9007	1	ARTWORK - 7	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9008	1	ARTWORK - 8	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9009	1	ARTWORK - 9	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9010	1	ARTWORK - 10	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9011	1	ARTWORK - 11	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
X9012	1	ARTWORK - 12	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.	
GRAPHICS - INTERIOR MENU						
18984	7	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC		
19551	6	MENU BOARD - FRONT INSERT PANEL WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC		
19552	1	MENU BOARD - DAILY OFFERING CHALKBOARD WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC		
GRAPHICS - OTHER						
11135	2	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC		
12693	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM	SB	GC		

PAINT SCHEDULE						
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS	
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094	

FLOOR TREATMENT SCHEDULE - "T"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
CONCRETE						
X17860	1197 SF	CONCRETE STAIN - LIGHT GREY	GC	GC		
PLASTIC						
19795	1085 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC		
WALK OFF MAT						
19288	36 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC		

CEILING TREATMENT SCHEDULE - "U"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
OTHER						
11302	439 SF	VCT - WHITE - 2X4FT 61X122CM	GC	GC		
X11302	664 SF	ACT - CIRRUS SECOND LOOK - 6X48	GC	GC	ARMSTRONG - CIRRUS SECOND LOOK - SCORED REGULAR MEDIUM TEXTURE- III PANEL - SCORING CREATES 6"X48" LINEAR PLANKS VINYL DESIGN IDX11302. 6"X48 GRID/ACT FOR CAFE -PAINTED SW7033	



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STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture
Professional Corporation - 52715
520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2191
GPD PROJECT NO: 2020261.36

10433
09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISHES SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
1602

BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt 9/2/2021 9:07:56 AM

GENERAL PROVISIONS:

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

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

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

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

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

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

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED FOR IN-SERVICE LOADS ONLY. THE MEANS, METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY SYSTEMS (SHORING, BRACING, GUYS, FALSEWORK, FORMWORK, SHEETING ETC.) TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK. SHORING SYSTEMS SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

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

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

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

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

THE WEIGHT OF CONSTRUCTION MATERIALS AND EQUIPMENT ON THE STRUCTURE SHALL BE LIMITED TO THE SHELL BUILDING DESIGN LOADING CRITERIA UNLESS APPROVED BY THE SHELL BUILDING ENGINEER OF RECORD. ANY EQUIPMENT OR MATERIALS THAT EXCEED THE DESIGN LOADING WILL NOT BE PERMITTED WITHOUT AN ANALYSIS OF THE STRUCTURE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT STAMPED CALCULATIONS TO ENGINEER FOR REVIEW. THE RESPONSIBILITY FOR THE ANALYSIS OF ANY ELEVATED SLABS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

DESIGN LOADINGS:

GOVERNING BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE (BASED ON 2015 INTERNATIONAL BUILDING CODE)

Table with 2 columns: Load Type and Value. Includes Floor Dead Loads, Floor Live Loads, Light Storage, Roof Dead Load, and Roof Live Load.

Table with 2 columns: Snow Load Type and Value. Includes Roof Snow Loads (Ground, Exposure, Importance, Thermal, Flat Roof) and Minimum Snow Load.

SNOW DRIFT LOAD: SEE DIAGRAMS BELOW

Table with 2 columns: Wind Design Data and Value. Includes Wind Design Data (ASCE 7-10), Basic Wind Speed, Risk Category, and Exposure Category.

Table with 4 columns: Trib. Area, Roof Zone, Roof Zone 2, and Roof Zone 3. Lists design pressures for various roof areas and zones.

Table with 4 columns: Trib. Area, Roof Zone 3, Wall Zone 4, and Wall Zone 5. Lists design pressures for walls and roof zones.

SEE DIAGRAM BELOW FOR ZONE DEFINITIONS (a = 3'-0") + INDICATES PRESSURE ACTING TOWARD AN EXTERIOR SURFACE - INDICATES PRESSURE ACTING AWAY FROM AN EXTERIOR SURFACE

SEISMIC DESIGN DATA (ASCE 7-10):

Table with 2 columns: Risk Category and Seismic Design Category. Lists Seismic Importance Factor, Site Class, SDS, SD1, and Seismic Design Category.

BASIC LATERAL FORCE RESISTING SYSTEM: LIGHT-FRAMED WALLS WITH WOOD STRUCTURAL PANELS FOR SHEAR RESISTANCE, BOTH OTHOAGONAL DIRECTIONS

Table with 2 columns: Response Modification Factor R and Seismic Response Coefficient. Lists R values for different directions and the resulting Seismic Response Coefficient.

Table with 2 columns: Nonstructural Components and Values. Lists component types (all components, mech equip) and their respective values.

FOUNDATION SYSTEMS:

GENERAL:

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

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

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

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

CONTINUOUS WATERSTOPS SHALL BE PROVIDED AT ALL HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS IN ALL ELEVATOR PITS AND BASEMENT WALLS.

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

SPREAD/TRENCH FOOTINGS:

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

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

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

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

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

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

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

EARTHWORK/SUBSURFACE INVESTIGATION:

GENERAL:

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

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

ECS SOUTHEAST, LLP, DATED FEBRUARY 5, 2021

PROOFROLLING:

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

ENGINEERED FILL:

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

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

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

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

BACKFILL:

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

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

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

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

CONCRETE:

GENERAL:

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 302, 305 AND 306 UNLESS NOTED OTHERWISE.

ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-14, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE.

SAFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR INsofar AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS. SHOP DRAWINGS OF THE PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS ARE TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

ALL CONCRETE - 4000 PSI

ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (± 1%) AIR ENTRAINMENT.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A1064 AND BE FURNISHED IN FLAT SHEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.

NO TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.

PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

PROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS.

REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4000 PSI CONCRETE

Table with 5 columns: Bar Size, Other Anchorage, Splice, Top* Anchorage, and Splice. Lists required embedment and splice lengths for various bar sizes.

* HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR

CLEAR MINIMUM COVER OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:

Table with 2 columns: Concrete Type and Cover. Lists required clear cover for concrete placed against earth, concrete exposed to earth or weather, and concrete not exposed to earth or weather.

ADHESIVE DOWELLED ANCHORS:

REINFORCING, BAR DOWELS, REINFORCING BARS, THREADED RODS, BOLTS ETC. WHICH ARE INDICATED TO BE ADHESIVE DOWELLED INTO CONCRETE OR SOLID MASONRY SHALL BE ACCOMPLISHED USING HIT HY-200 SAFESIT ADHESIVE BY HILTI FASTENING SYSTEMS OF TULSA, OK. (ICC REPORT NO. ESR 3013), OR EQUAL.

DRILL, BRUSH, AND CLEAN ALL HOLES, AND INSTALL ALL ANCHORS IN COMPLETE ACCORDANCE WITH MANUFACTURERS PUBLISHED RECOMMENDATIONS, AS WELL AS ALL APPLICABLE BUILDING CODES OR ENGINEERING REPORTS.

PROVIDE THE FOLLOWING MINIMUM ANCHOR EMBEDMENT DEPTHS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DETAILS.

Table with 3 columns: Category, Diameter/Bar Size, and Embedment Depth. Lists embedment depths for reinforcing bars, bolts, and hilti inserts.

WHEN INSTALLING DRILLED-IN-ANCHORS, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.

STRUCTURAL ABBREVIATIONS:

Table of structural abbreviations including ACI, ACS, AISC, ANSI, ARCH'L, ALT, ASTM, BO, BOT, BRG, C, CFS, CJ, CJP, C, CLR, COL, CONC, CONT, DIA, DIAG, DWG, (E), EF, EL, EQ, EW, FF, FLR, FND, FT, FTG, GA, GSN, H, HORIZ, ID, INFO, JT, K, KSI, LL, LLH, LLV, LO, MFR, MAX, MECH, MIN, MISC, NTS, OC, OD, OPP, PL, PLF, PSF, PSI, REQ'D, SIM, SPEC, STD, T&B, T&G, TO, TOC, TOD, TOF, TOL, TOP, TOS, TOW, TYP, UNO, VERT, W, W/, W/O, WSP, WT, WWF.



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GPD Engineering and Architecture Professional Corporation - C3879

520 SOUTH MAIN ST. SUITE 2531 AKRON, OH 44311 P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



PROJECT NAME: HWY 24 & BRINKLEY HILL

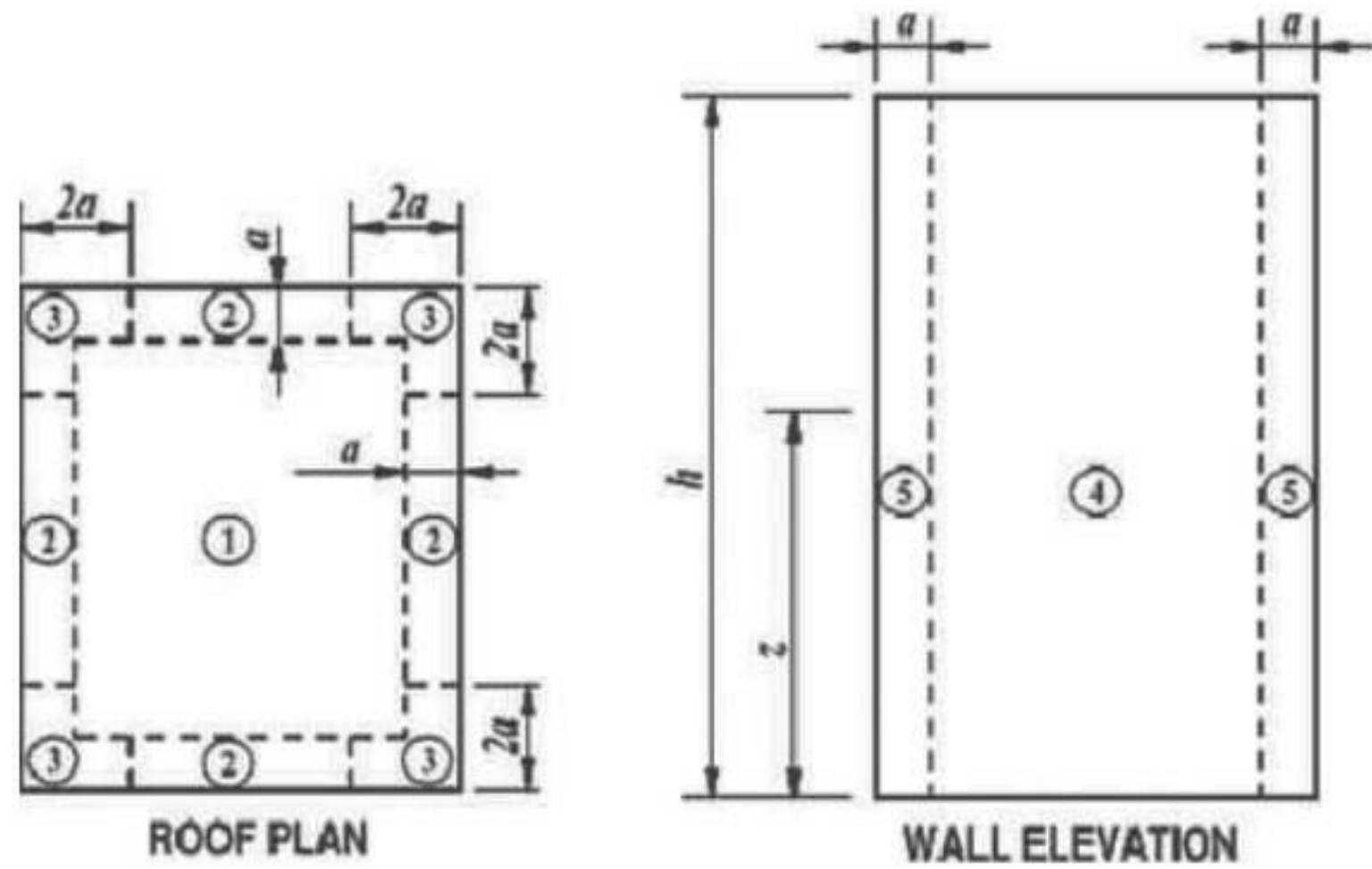
PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

Table with 2 columns: Field and Value. Lists Store #, Project #, Issue Date, Design Manager, Production Designer, and Checked By.

Table with 5 columns: Rev, Date, By, Description. Revision Schedule table.

SHEET TITLE: STRUCTURAL GENERAL NOTES SCALE: AS SHOWN

SHEET NUMBER: S001

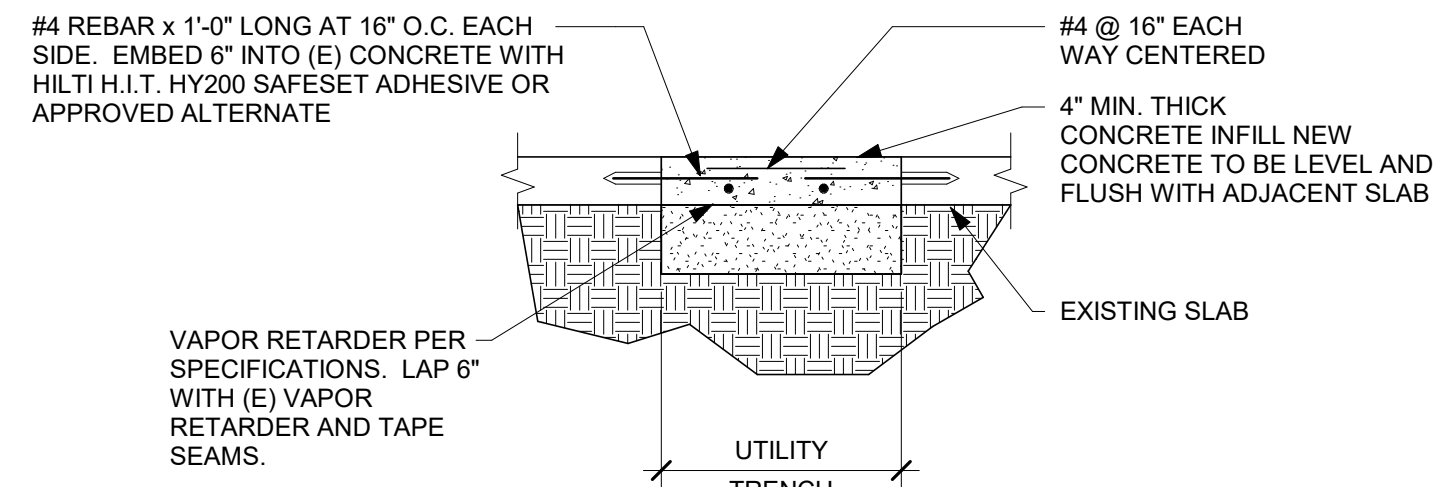


WIND ZONE DIAGRAMS

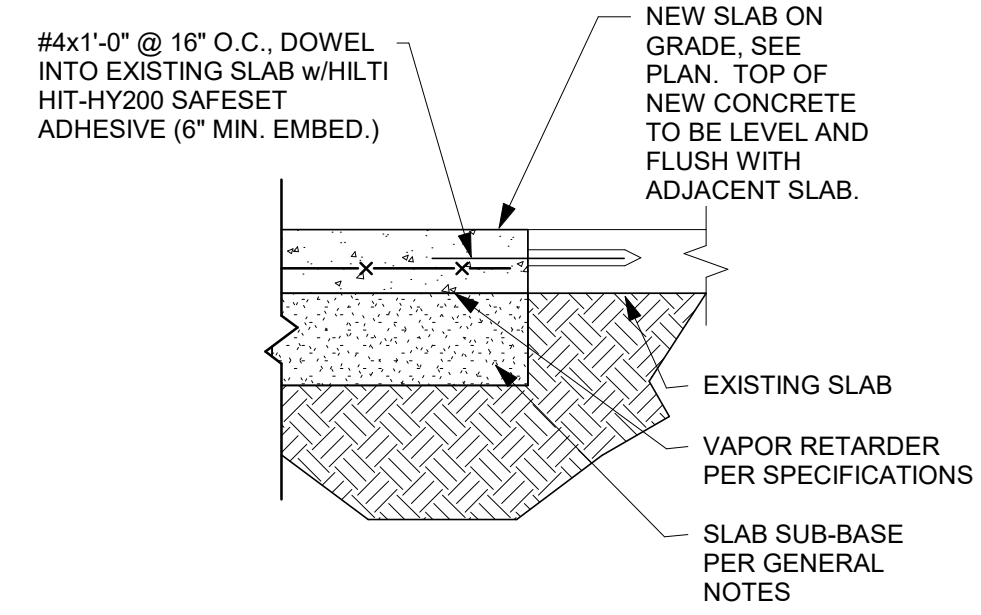


NOTE: DRIFT LOADS ARE IN ADDITION TO UNIFORM SNOW LOADS

SNOW DRIFT DIAGRAMS



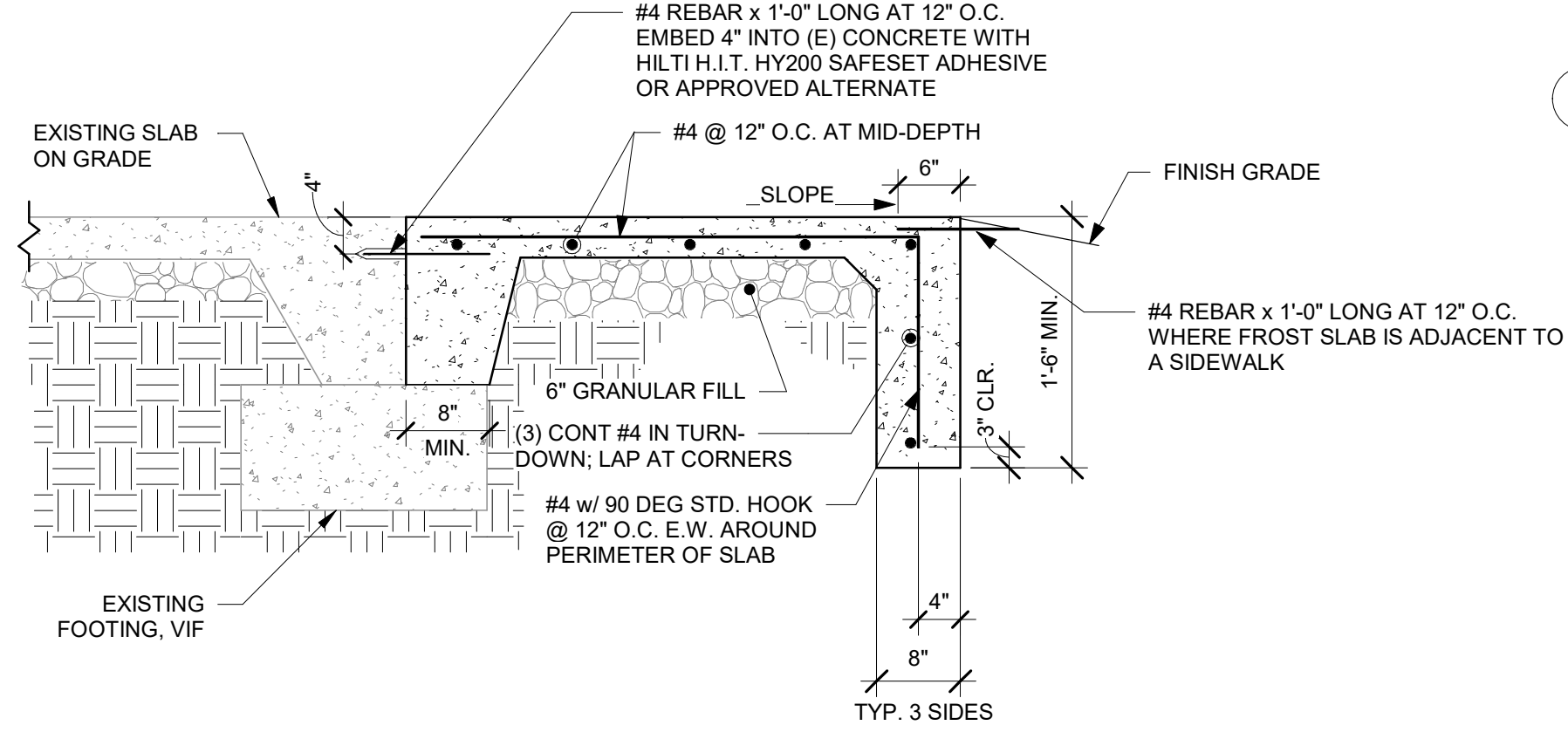
3 TYP. UTILITY TRENCH DETAIL
Scale: 3/4" = 1'-0"



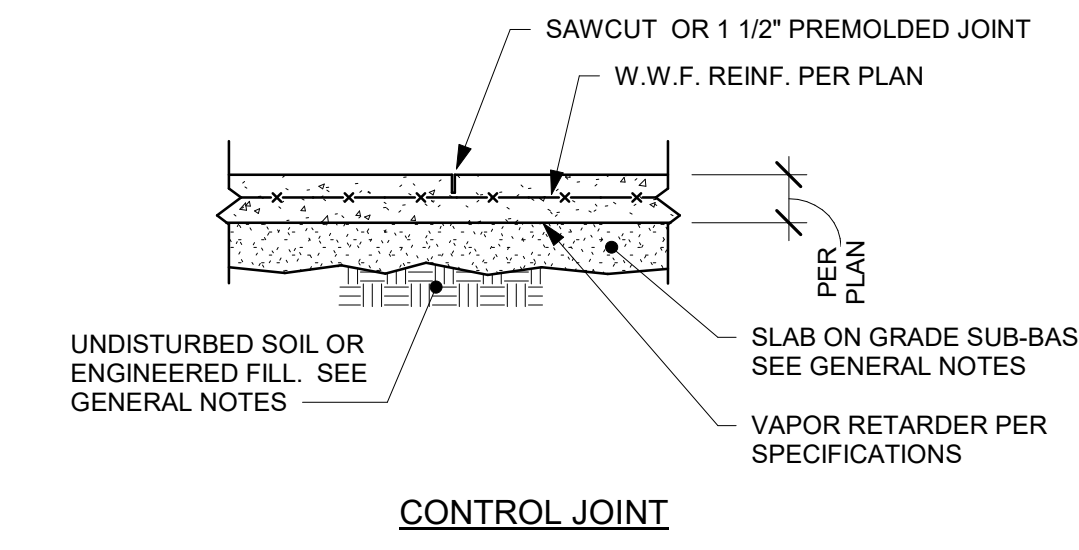
2 SLAB TIE-IN SECTION
Scale: 1" = 1'-0"

- KEYED NOTES**
- 4" THICK SLAB ON GRADE WITH 6"x6"xW2.9 REINFORCING AT MID-DEPTH.
 - EXISTING SLAB STUB
 - #4 BAR X 3'-0" LG. 1 1/2" CLR FROM TOP OF SLAB

- GENERAL NOTES**
- FOR STRUCTURAL GENERAL NOTES AND DESIGN CRITERIA, REFER TO S001.
 - TOP OF SLAB ELEVATION 0'-0" TO MATCH EXISTING SLAB ELEVATION.
 - "CJ" INDICATES CONTROL JOINT. FOR ADDITIONAL INFORMATION, REFER TO DETAIL 3/S101
 - FIELD VERIFY ALL ITEMS INDICATED TO BE "EXISTING" OR "BY LANDLORD".
 - INFORMATION FOR SHELL BUILDING STRUCTURAL COMPONENTS WAS OBTAINED FROM DRAWINGS PREPARED BY GPD GROUP, PROFESSIONAL CORPORATION, DATED NOVEMBER 20, 2020.

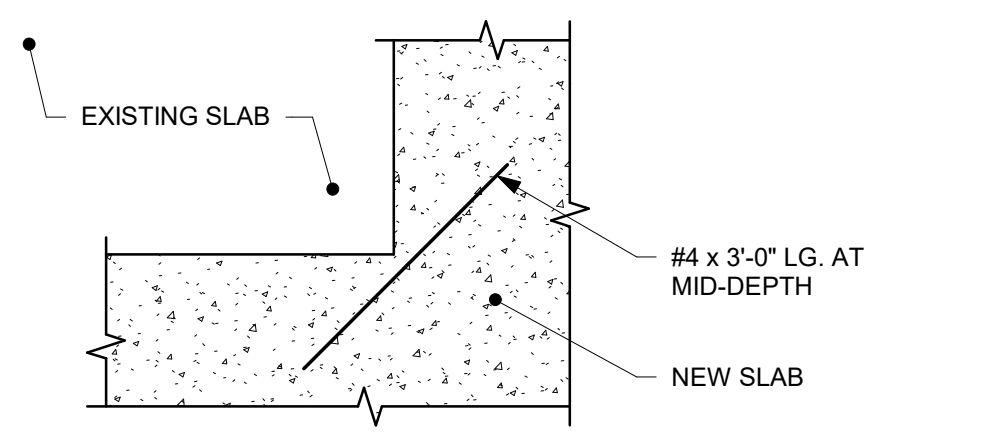


6 FROST SLAB DETAIL
Scale: 3/4" = 1'-0"

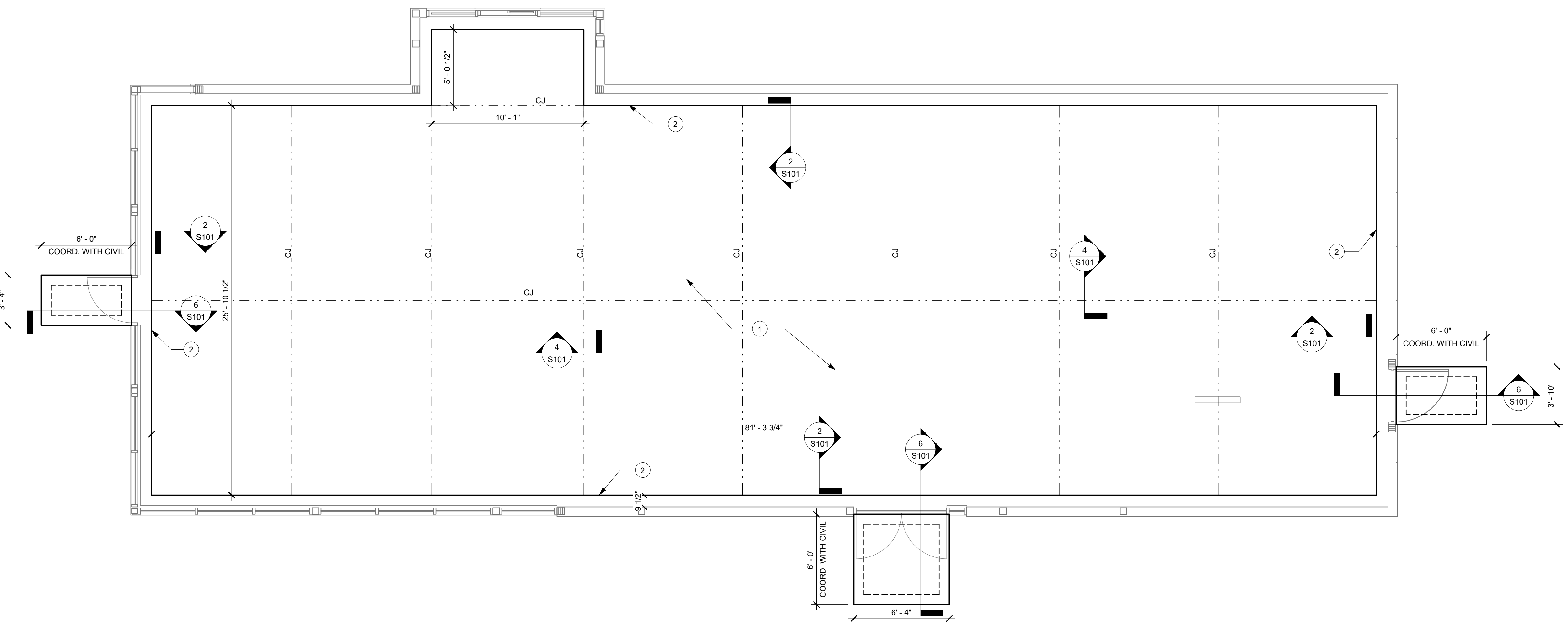


- NOTES:**
- FOR CONSTRUCTION OR CONTROL JOINT LOCATIONS, REFERENCE FOUNDATION/SLAB PLAN.
 - USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
 - PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF 225 SQ.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

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



5 PLAN DETAIL AT RE-ENTRANT CORNER
Scale: 1/2" = 1'-0"



1 1ST FLOOR - STRUCTURAL SLAB PLAN
Scale: 1/4" = 1'-0"



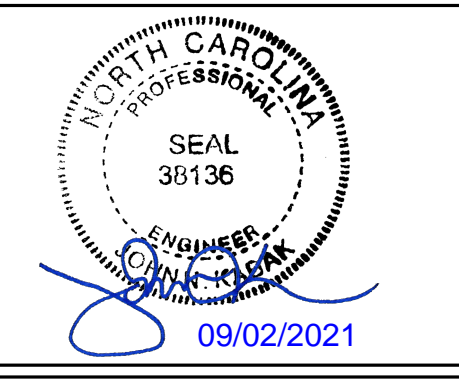
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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

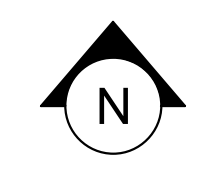
PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

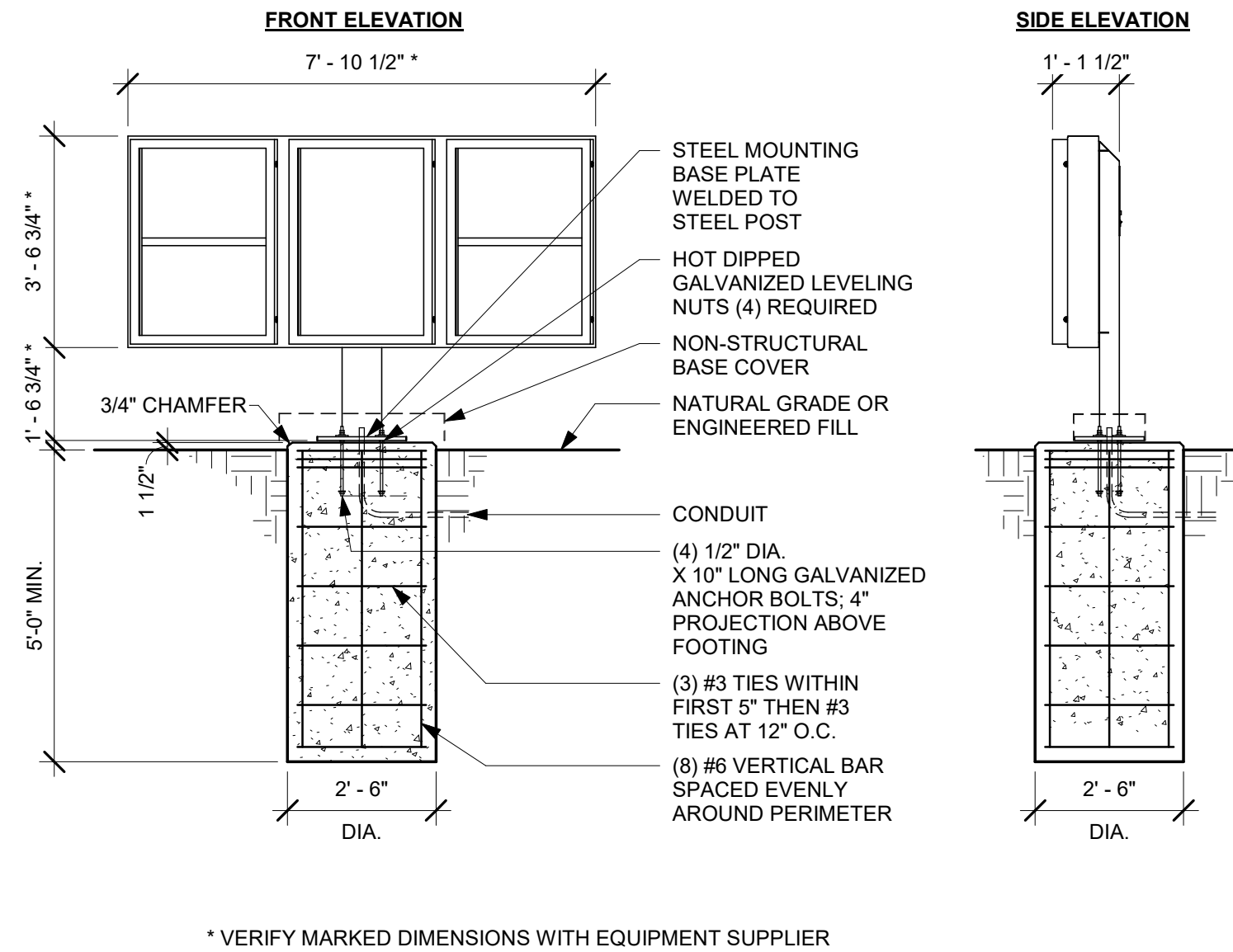
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
STRUCTURAL SLAB PLAN
SCALE: AS SHOWN

SHEET NUMBER:
S101

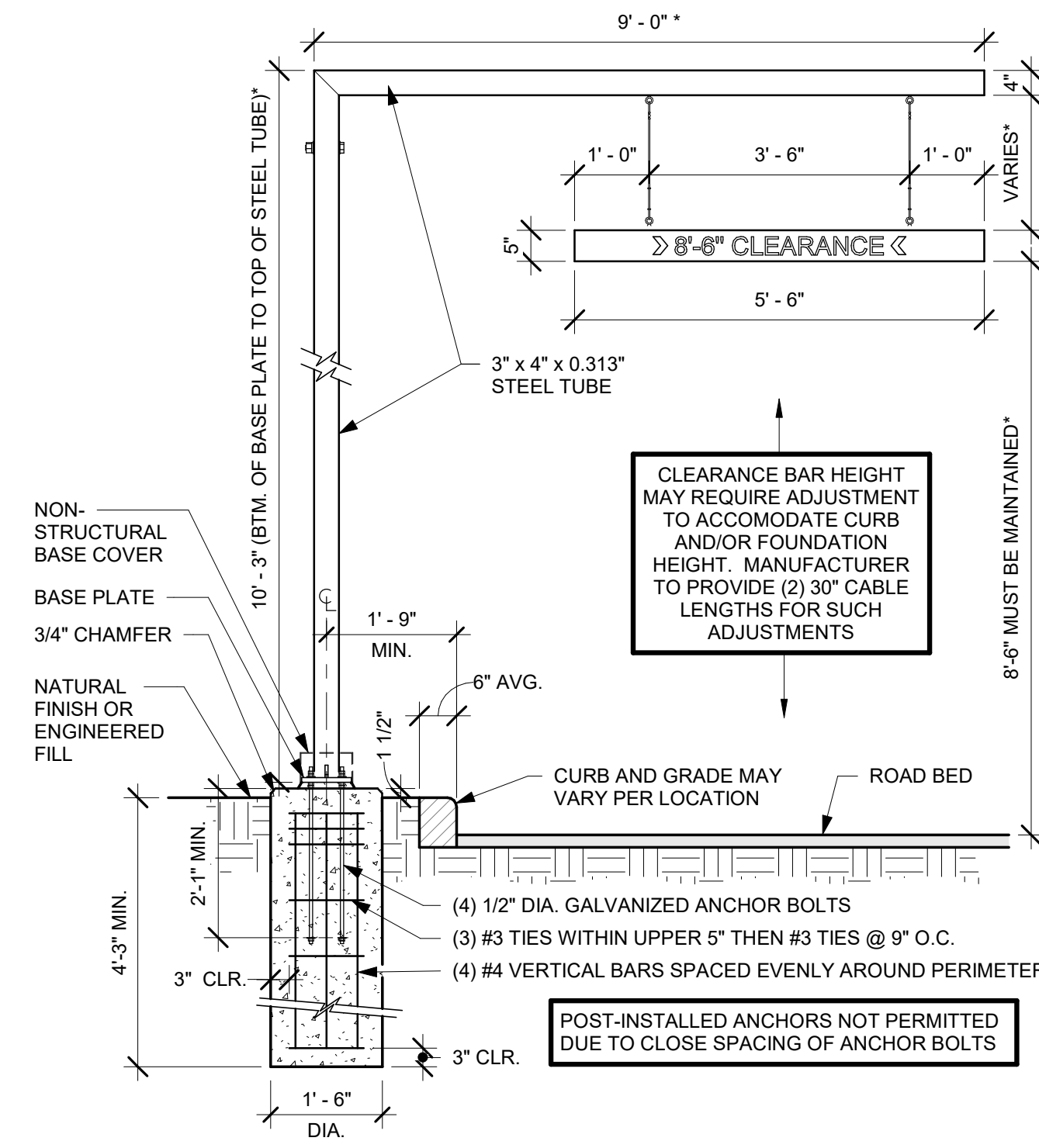


9/2/2021 9:07:59 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



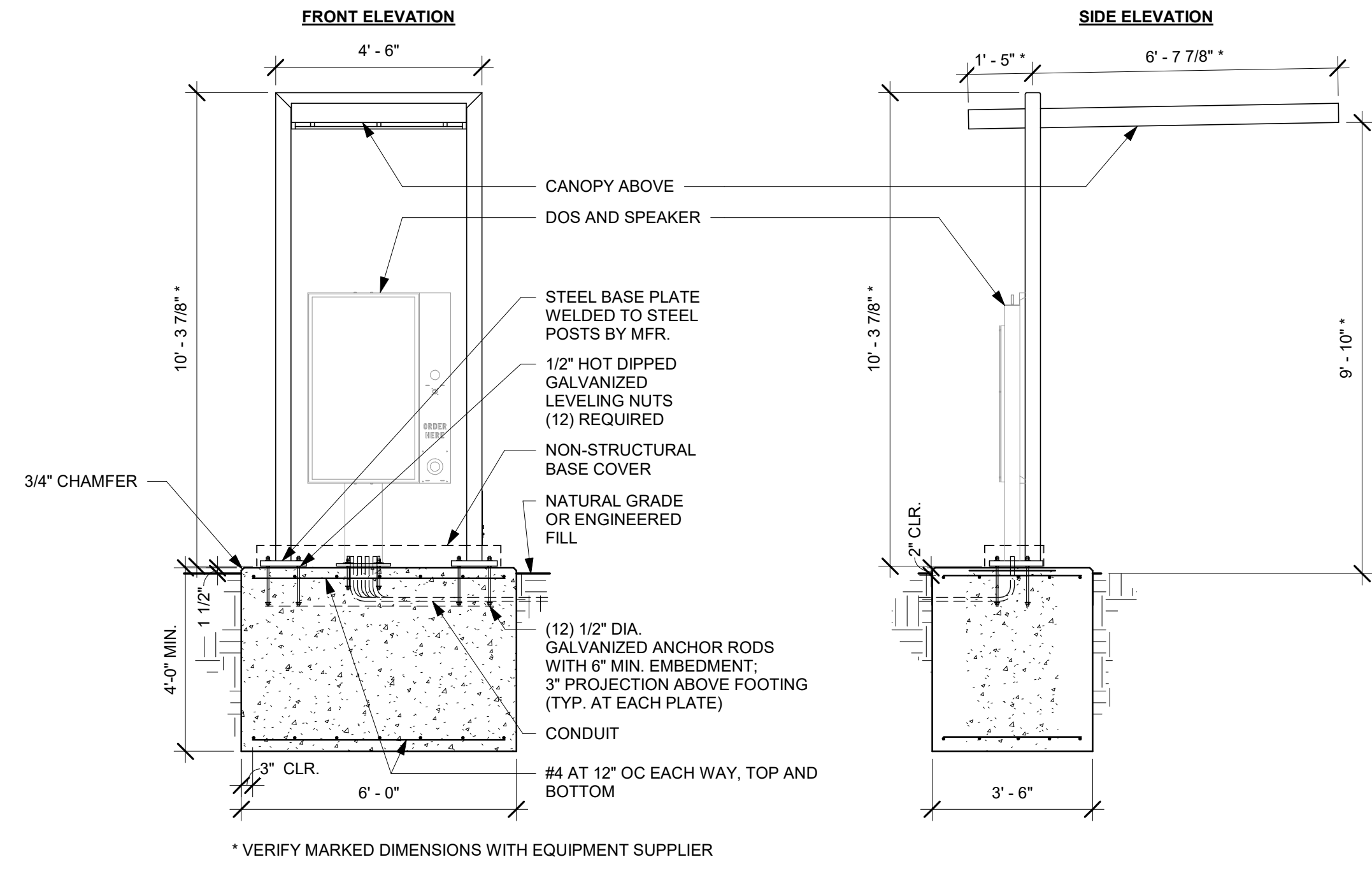
1 DT 5-PANEL MENU BOARD GROUND FOOTING

Scale: 3/8" = 1'-0"



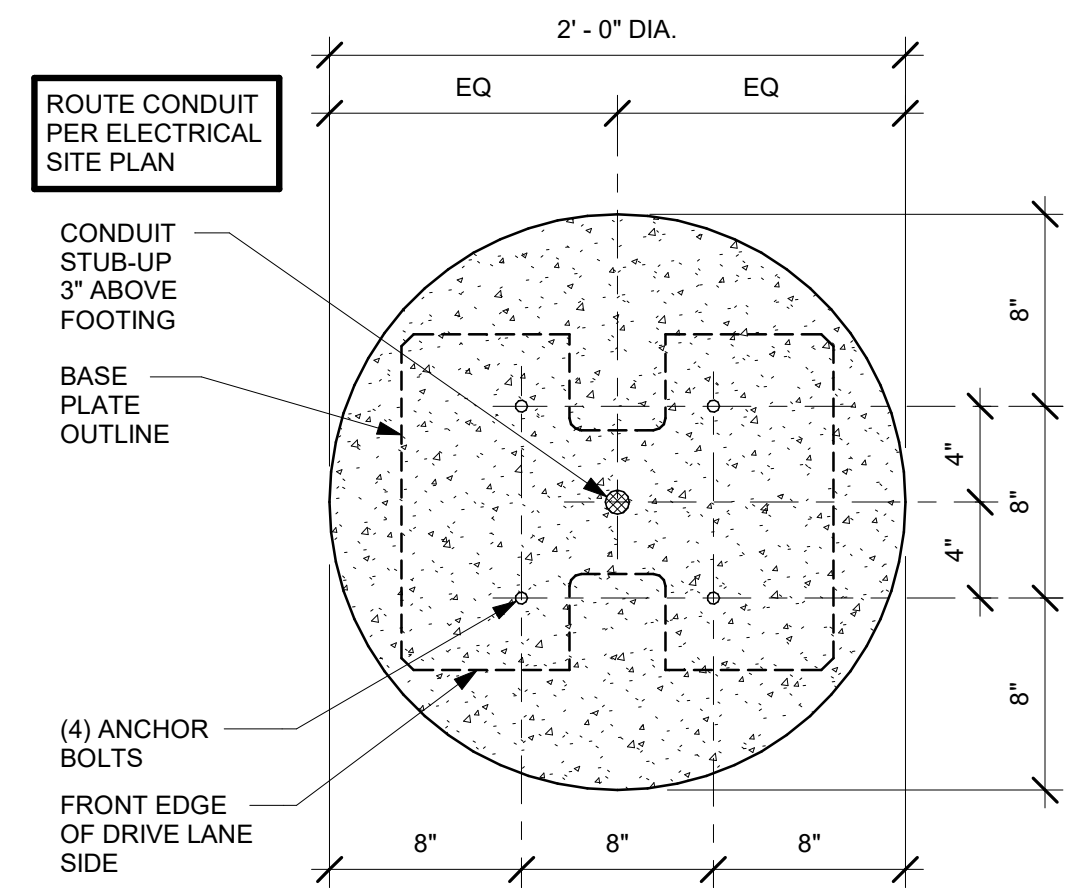
4 DTE CLEARANCE BAR GROUND FOOTING

Scale: 1/2" = 1'-0"



7 DTE DOS CANOPY GROUND FOOTING

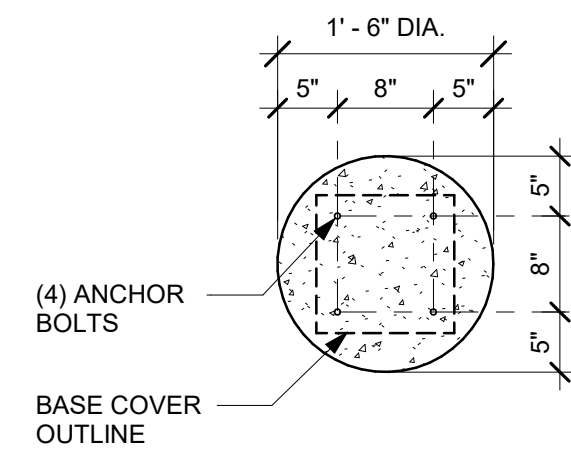
Scale: 3/8" = 1'-0"



2 DTE 5-PANEL MENU BOARD BOLT PATTERN (TOP VIEW)

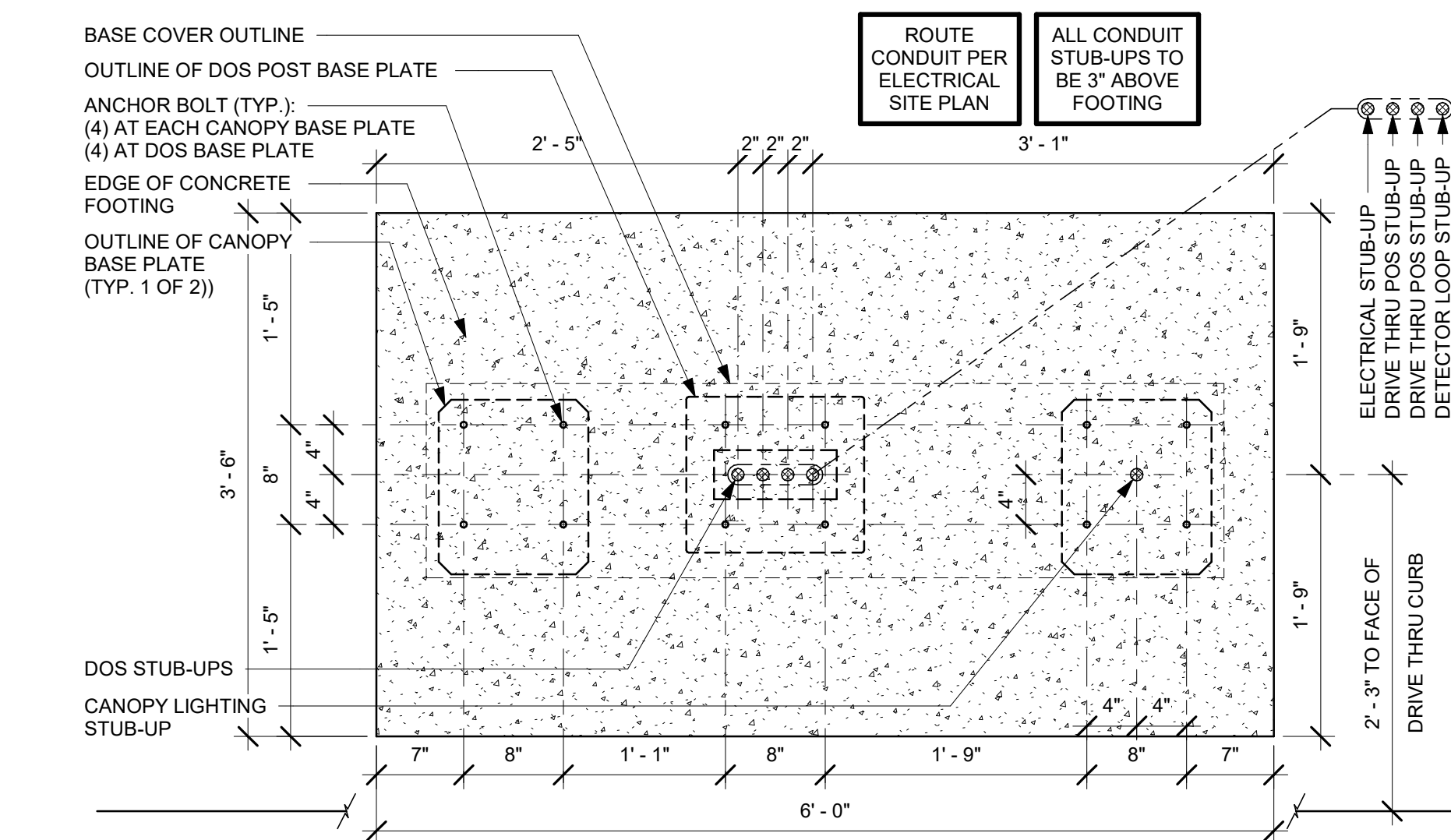
Scale: 1 1/2" = 1'-0"

- NOTES:**
- FOUNDATIONS AND ANCHOR BOLTS FOR DRIVE THRU EQUIPMENT AND SIGNAGE SHALL BE FURNISHED AND INSTALLED BY GC.
 - GC SHALL VERIFY ANCHOR BOLT SIZES WITH EQUIPMENT & SIGNAGE VENDOR
 - EQUIPMENT & SIGNAGE VENDOR SHALL SUPPLY ANCHOR BOLT TEMPLATES AND INSTALL EQUIPMENT & SIGNAGE ON THE COMPLETED FOUNDATIONS.
 - PROVIDE 3" MINIMUM CONCRETE COVER TO ALL REINFORCING STEEL



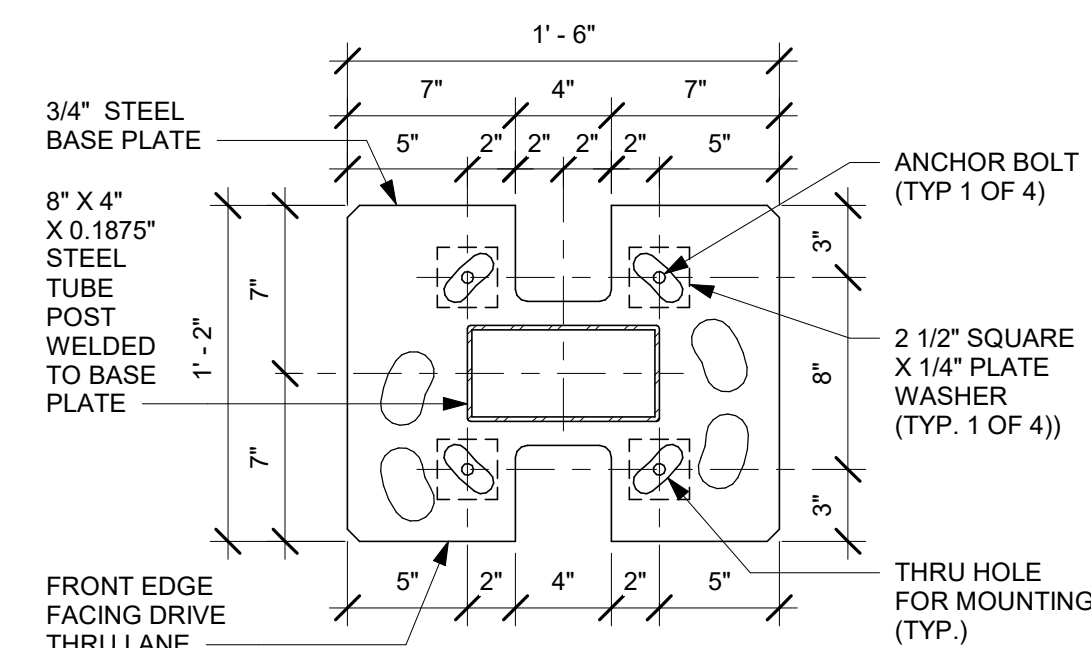
5 DTE CLEARANCE BAR BOLT PATTERN

Scale: 3/4" = 1'-0"



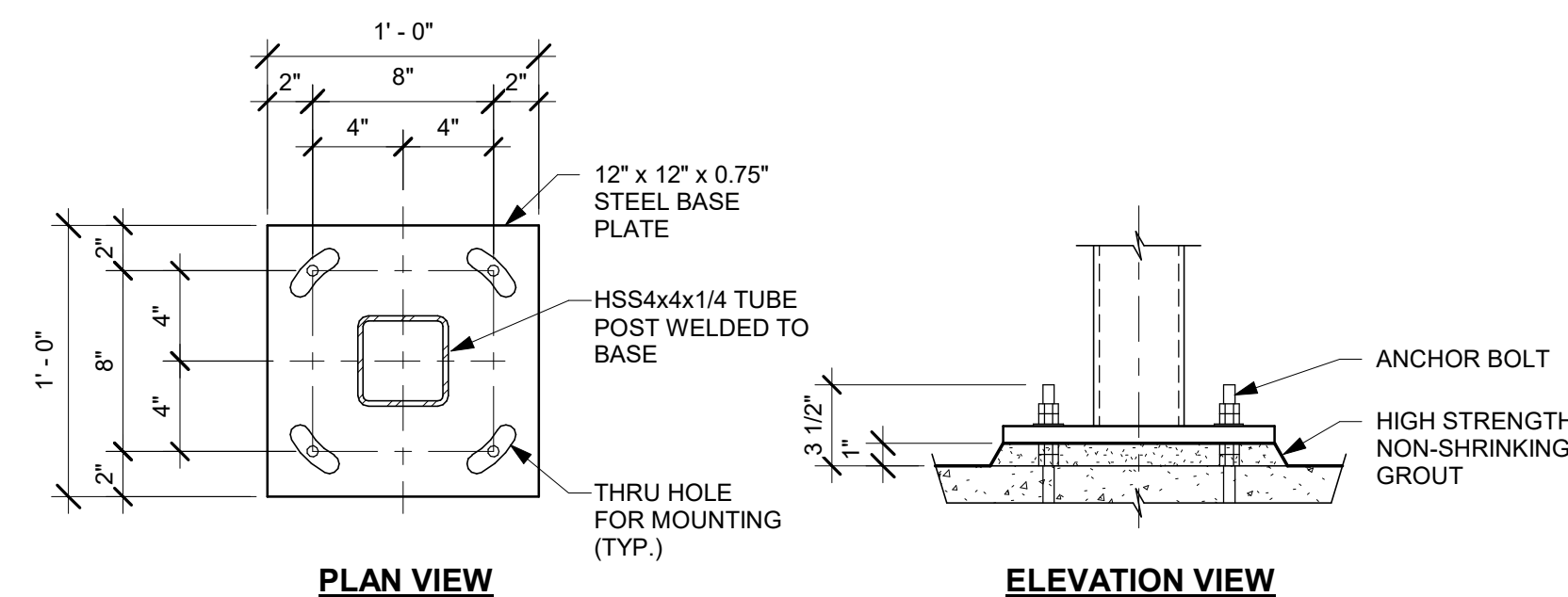
8 DTE DOS CANOPY BOLT PATTERN (TOP VIEW)

Scale: 1" = 1'-0"



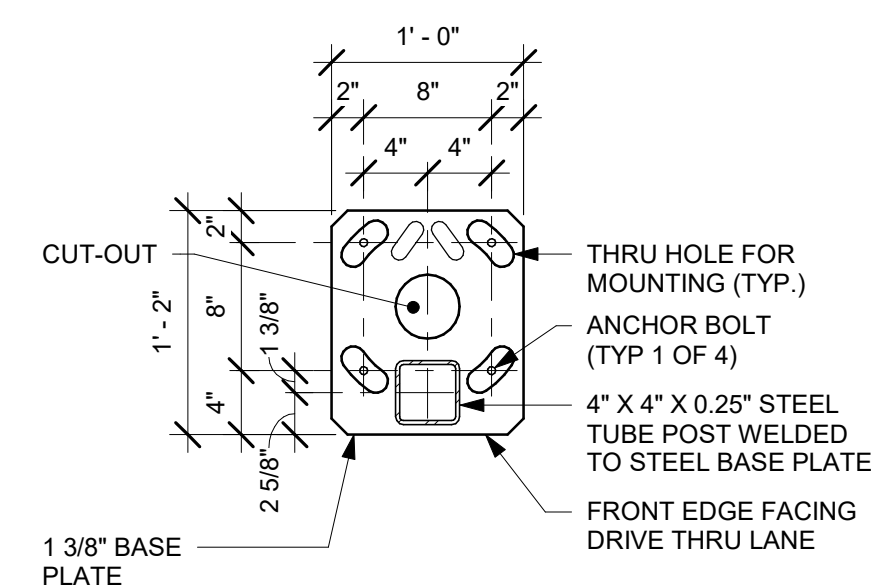
3 DTE 5-PANEL MENU BOARD BASE PLATE

Scale: 1 1/2" = 1'-0"



6 DTE CLEARANCE BAR BASE PLATE

Scale: 1 1/2" = 1'-0"



9 DTE DOS CANOPY BASE PLATE

Scale: 1" = 1'-0"



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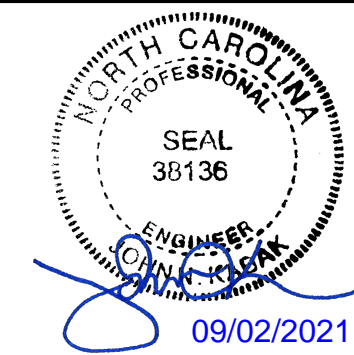
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STARBUCKS TEMPLATE VERSION: i2021-01-22



520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
SITE FOUNDATIONS

SCALE: AS SHOWN

SHEET NUMBER:

S501



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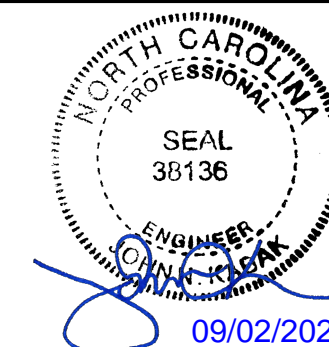
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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD Engineering and Architecture
Professional Corporation - C3879
520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

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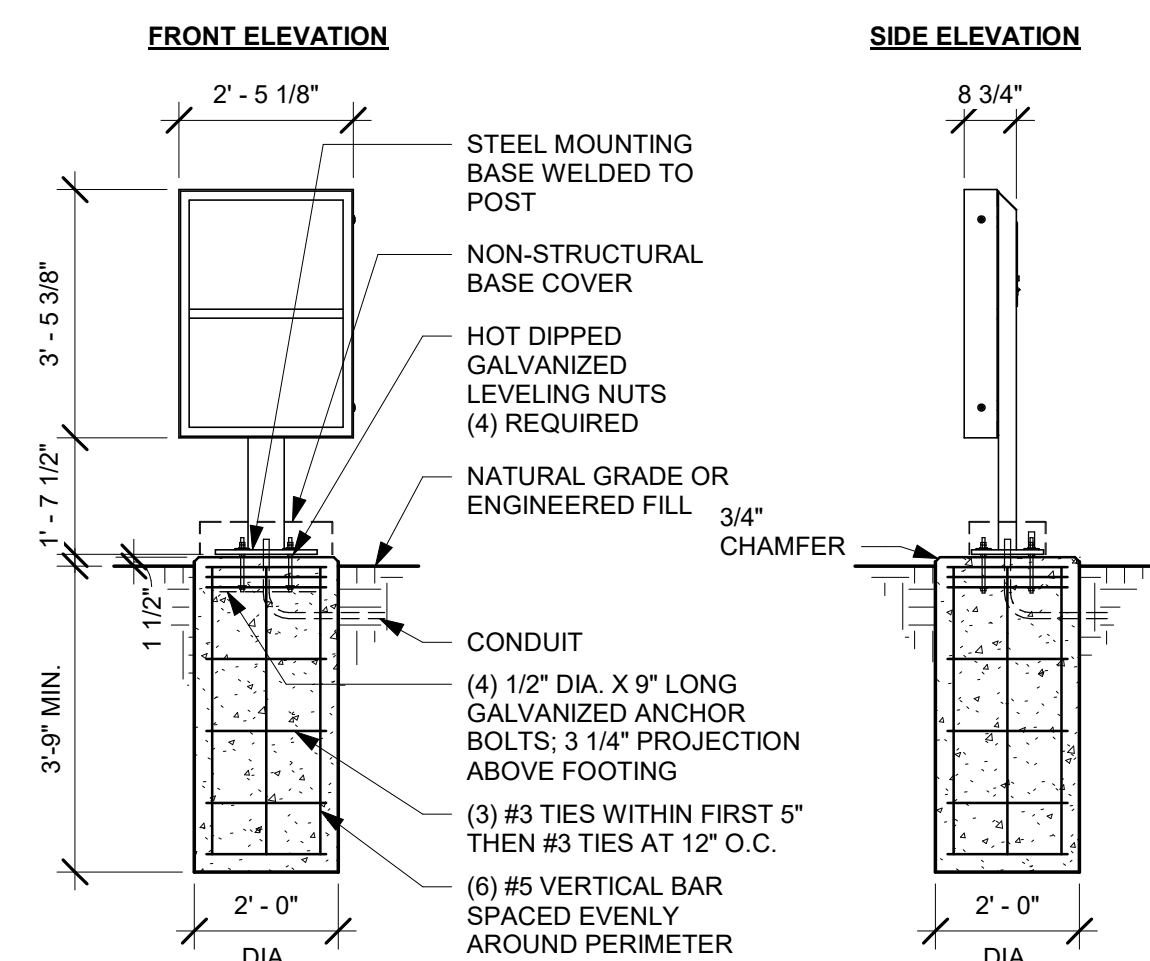
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SITE FOUNDATIONS

SCALE: AS SHOWN

SHEET NUMBER:

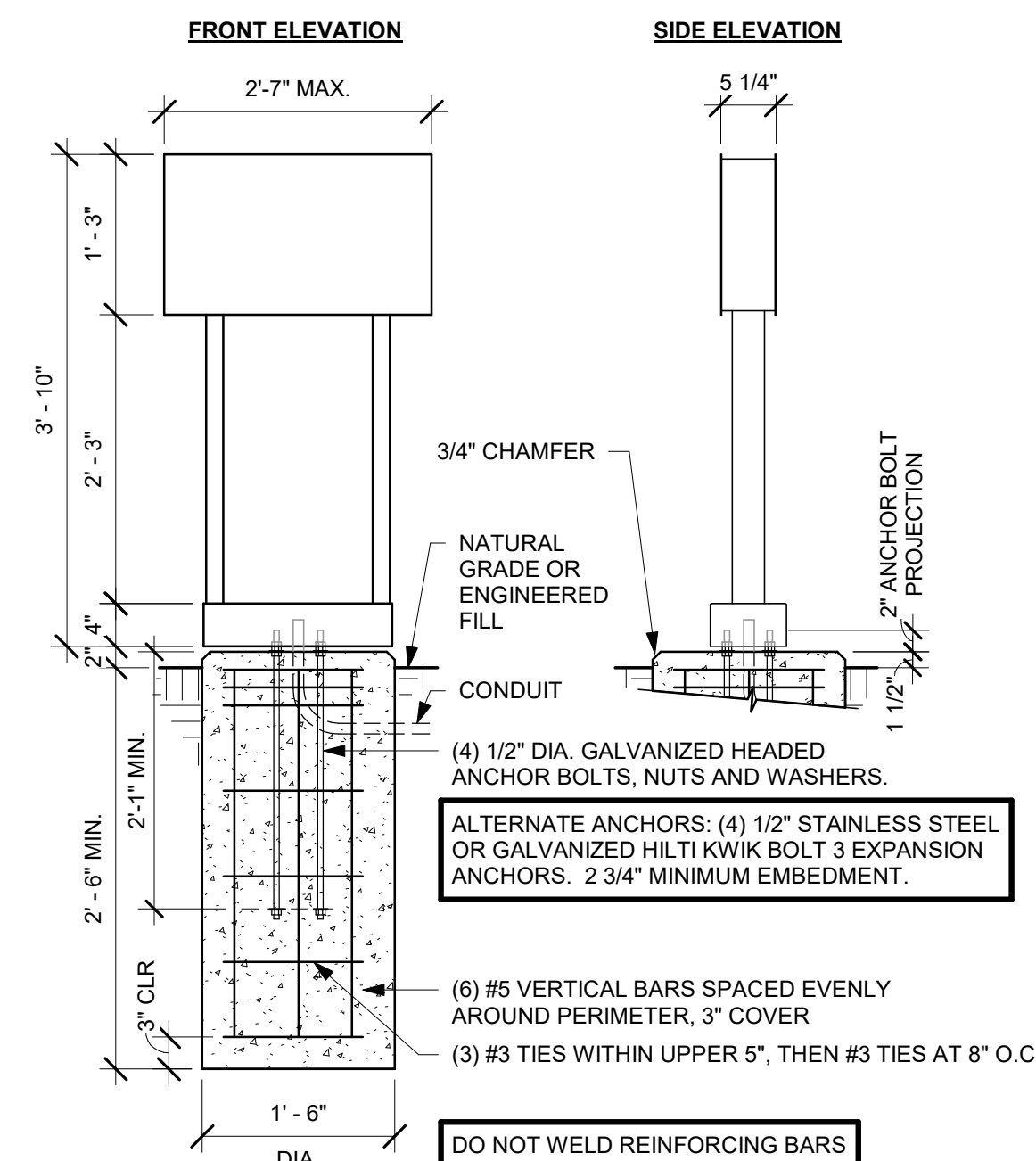
S502

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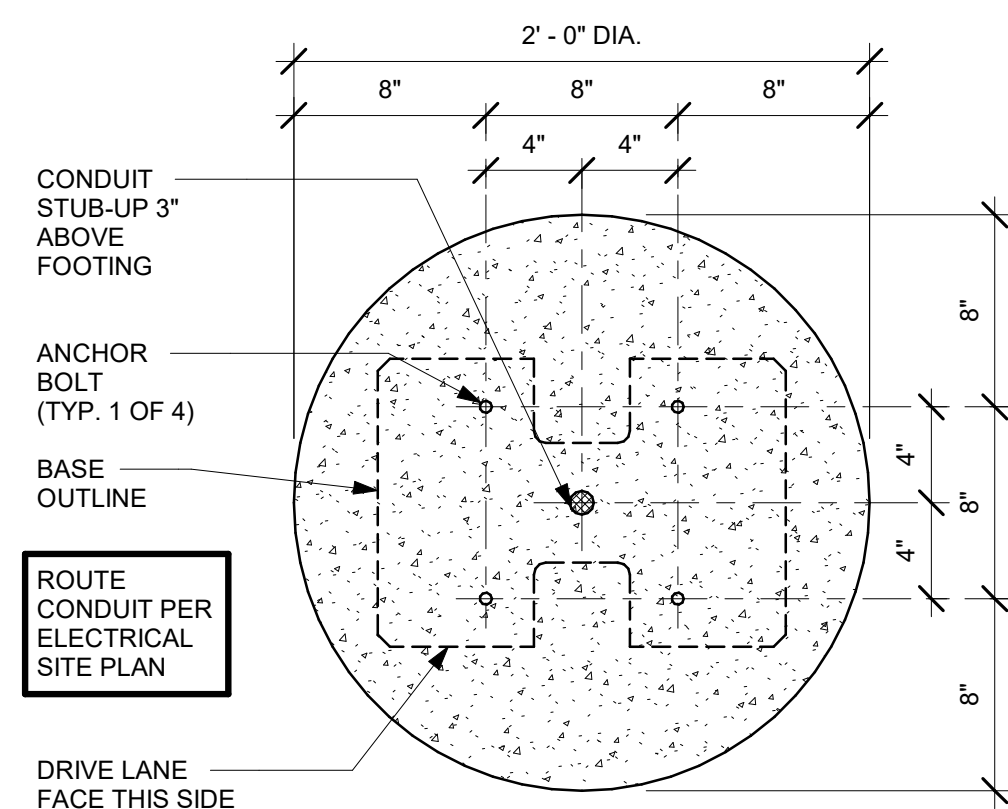
1 DTE PRE-MENU GROUND FOOTING

Scale: 3/8" = 1'-0"



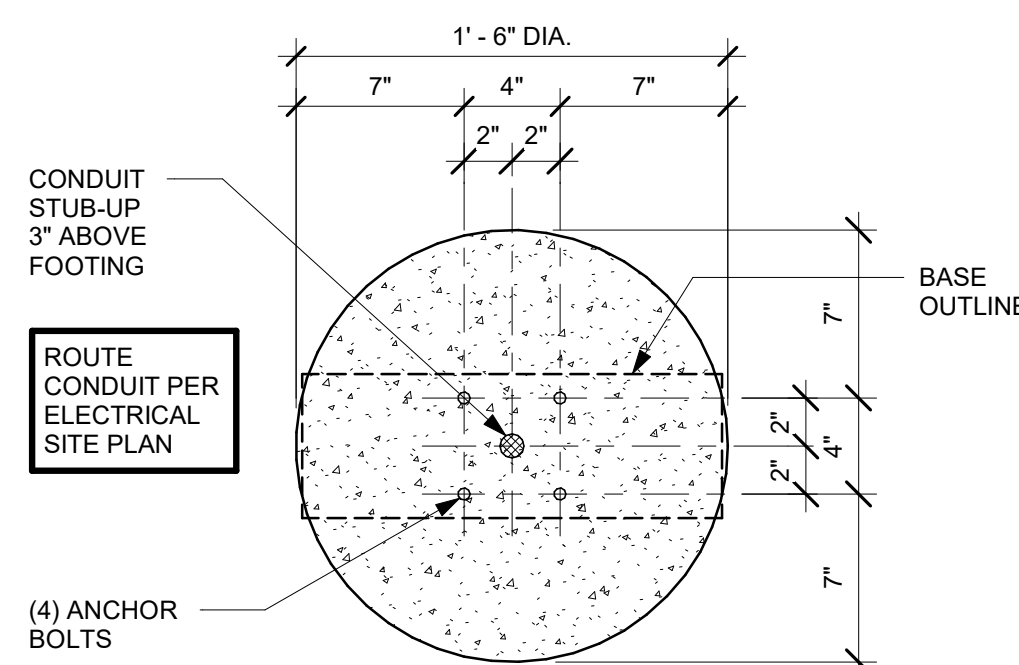
4 DTE DIRECTIONAL SIGNAGE GROUND FOOTING

Scale: 3/4" = 1'-0"



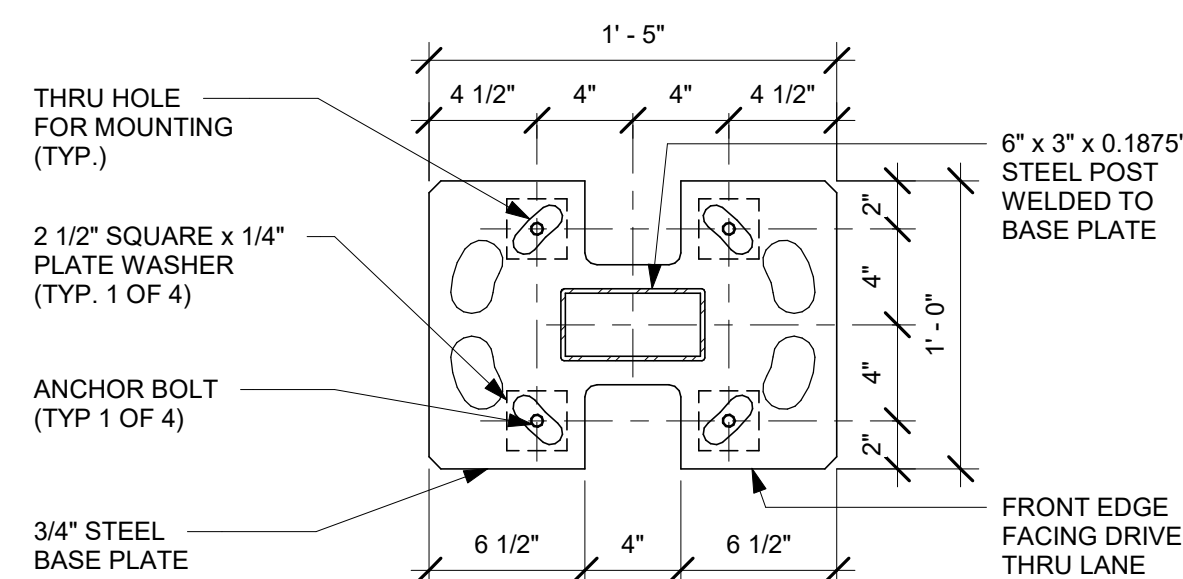
2 DTE PRE-MENU BOLT PATTERN (TOP VIEW)

Scale: 1 1/2" = 1'-0"



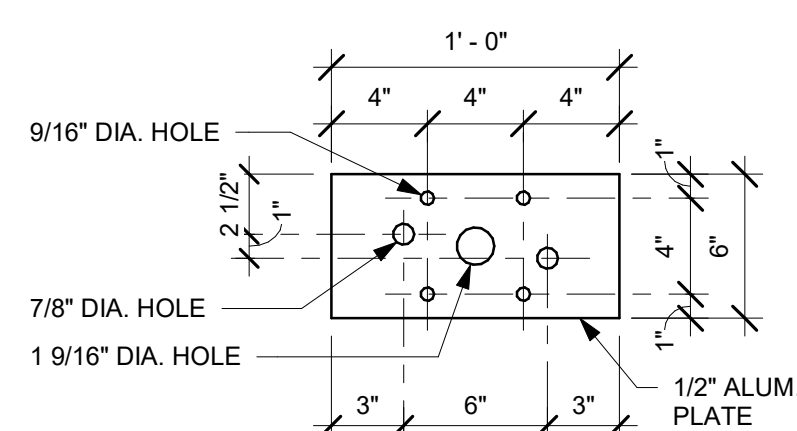
5 DTE DIRECTIONAL SIGNAGE BOLT PATTERN

Scale: 1 1/2" = 1'-0"



3 DTE PRE-MENU BASE PLATE

Scale: 1 1/2" = 1'-0"



6 DTE DIRECTIONAL SIGNAGE BASE PLATE

Scale: 1 1/2" = 1'-0"

ABBREVIATIONS

Table with 2 columns: Abbreviation and Description. Includes terms like AFF (Above Finished Floor), BLDG (Building), CKT (Circuit), DEG (Degrees), EA (Each), EC (Electrical Contractor), etc.

ELECTRICAL SYMBOL LEGEND

Table with 4 columns: Symbol, Description, Symbol, Description. Includes symbols for Junction Box, Switch, Three-Way Switch, Motion (Occupancy) Sensor Switch, etc.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

- 1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUPS SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE...
B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE...
C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS...
D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA...
E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS...

FIRE ALARM SYSTEM NOTES

IF STARBUCKS IS REQUIRED TO PROVIDE A FIRE ALARM AND/OR FIRE ALARM MONITORING AND/OR PHONE LINES FOR A FIRE ALARM, AS SPECIFIED IN THE LEASE AGREEMENT, THE CONTRACTOR IS TO NOTIFY GPOC IMMEDIATELY THAT FIRE ALARM LINES ARE NEEDED. STARBUCKS PREFERRED FIRE ALARM SERVICE PROVIDER, STANLEY, IS TO BE CONTACTED BY THE CONSTRUCTION MANAGER TO INSTALL FIRE ALARM PANEL AND/OR MONITORING SERVICE AS REQUIRED.

CARBON MONOXIDE (CO) DETECTOR NOTES

COORDINATE INSTALLATION OF CARBON MONOXIDE (CO) DETECTOR DEVICE(S) AND LOW VOLTAGE WIRING WITH STARBUCKS SECURITY VENDOR FOR NEW STORES, RELOCATIONS AND MAJOR RENOVATIONS. VENDOR TO FURNISH AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS). GO TO PROVIDE ROUGH-IN FOR SENSORS.

CONTROLS AND OPERATION

THE GENERAL CONTRACTOR SHALL CONTACT VENSTAR PRIOR TO THE LAST WEEK OF CONSTRUCTION FOR COMMISSIONING AND COORDINATE REQUIREMENTS WITH STARBUCKS.

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 5 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 5 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

COORDINATE WITH DRAWINGS AND LCP VENDOR FOR DEVICE LOCATIONS. VENDOR SHALL COMMISSION CONTROLS.

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL LIGHTING CONTROLS AND EMS. PRIOR TO LAST WEEK OF CONSTRUCTION, IF NEEDED, FURNISH AND INSTALL TEMPORARY THERMOSTATS AND SENSORS, AND ROUTE ALL LOW VOLTAGE WIRING THROUGH EC PROVIDED CONDUITS (COORDINATE WITH ELECTRICAL).

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 5 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 5 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

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THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

SECURITY SYSTEM NOTES

STARBUCKS CONTRACTS DIRECTLY WITH SECURITY VENDOR TO SUPPLY AND INSTALL THE SECURITY SYSTEM. CONTRACTOR TO SCHEDULE INSTALLATION OF SECURITY SYSTEM FOR FOUR (4) TIMES:

- 1. MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
2. SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
3. SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
4. SECURITY MONITORING COMPANY TO BRING SYSTEM ONLINE AND TRAIN PARTNERS AFTER POS INSTALL.

SECURITY VENDOR REQUIRES A MINIMUM TWO (2) WEEKS LEAD TIME FOR EACH INSTALLATION. SECURITY VENDOR WILL COORDINATE REGIONAL INSTALLERS. ALL ADDITIONAL EXPENSES INCURRED DUE TO THE CONTRACTOR'S FAILURE TO SCHEDULE ACCORDINGLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TELEPHONE SYSTEM NOTES

IF ADDITIONAL TELEPHONE LINES ARE REQUIRED BEYOND THE STANDARD SINGLE LINE (SUCH AS FOR A FIRE ALARM) THE GENERAL CONTRACTOR SHALL CONTACT THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO BEGINNING CONSTRUCTION TO ORDER THE ADDITIONAL TELEPHONE LINE(S). REPORT ANY TELEPHONE INSTALLATION ISSUES IMMEDIATELY TO THE STARBUCKS CONSTRUCTION MANAGER.

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THERE ARE EXISTING WORKING TELCO FACILITIES TO THE BUILDING OR THAT LANDLORD HAS FURNISHED AND INSTALLED ONE (1) 2" (51MM) MIN. (ENTRANCE) CONDUIT INCLUDING PULL STRING FROM TELCO STREET FEED LINE TO THE BUILDING AS IDENTIFIED BY THE PHONE COMPANY. NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF FACILITIES OR CONDUIT AND PULL STRING ARE NOT INSTALLED.

GENERAL CONTRACTOR IS TO ENSURE THAT THERE IS A 2" (51MM) MIN. CONDUIT WITH PULL STRING FROM THE DATA RACK TO THE DEMARC (TELCO TO CUSTOMER HAND OFF EQUIPMENT) WHEN THE DEMARC IS MORE THAN 10' FROM THE DATA RACK. DISTANCES LESS THAN 10' WILL NOT REQUIRE CONDUIT.

PROVIDE A 3-POSITION GROUND LUG, GROUNDED WITH #6 AWG GROUND WIRE, IF REQUIRED BY TELEPHONE COMPANY.

ALL TELEPHONE/NETWORK CABLING IS THE SCOPE OF WORK OF THE TELEPHONE/NETWORK CABLING VENDOR.

POS \ DATA LINE NOTES

STARBUCKS CONTRACTS DIRECTLY WITH THE DATA CABLING VENDOR TO SUPPLY AND INSTALL CATEGORY 5e (Cat5e) LAN CABLE AND CONNECTORS FOR THE POINT OF SALE (POS) SYSTEMS. CONTRACTOR TO SCHEDULE INSTALLATION OF DATA CABLING WITH DATA CABLING VENDOR. DATA CABLING VENDOR REQUIRES A LEAD TIME FOR INSTALLATION. DATA CABLING VENDOR WILL COORDINATE REGIONAL INSTALLERS.

AT THE START OF CONSTRUCTION, STARBUCKS CONSTRUCTION MANAGER SCHEDULES DELIVERY OF CASH REGISTER/MANAGER'S WORKSTATION EQUIPMENT AND INSTALLATION BY A POS INSTALL TECHNICIAN FOR ONE (1) MONTH PRIOR TO STORE OPEN. CONTRACTOR TO VERIFY DELIVERY SCHEDULE TWO (2) WEEKS PRIOR TO DELIVERY AND INSTALLATION DATE. EQUIPMENT IS SHIPPED DIRECTLY TO THE STORE. CONTRACTOR TO ACCEPT POS EQUIPMENT DELIVERY. DO NOT REFUSE DELIVERY.

DATA CABLING TECHNICIAN TO PROVIDE ALL Cat5e LAN CABLING AND CONNECTORS FROM ALL DESIGNED AND FUTURE CASH REGISTER LOCATIONS, MANAGER'S WORKSTATION, ALL OTHER NETWORKED EQUIPMENT (CUP LABELERS, CLOVER, BUMP BAR, ETC.,) AND WIRELESS ACCESS POINT TO THE DATA RACK AREA. CONTRACTOR IS TO HAVE CONDUIT WITH PULL STRING IN PLACE FOR ALL CABLE RUNS PRIOR TO CABLE INSTALL DATE.

STARBUCKS NEW STORE GROUP IS RESPONSIBLE FOR COORDINATING STARBUCKS POS SYSTEMS DELIVERY AND INSTALLATION WITH THE POS VENDOR. THIS GROUP MAY BE CONTACTED AT: NEWSTORES@STARBUCKS.COM.

COMMUNICATION SYSTEM NOTES

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THE LANDLORD HAS FURNISHED AND INSTALLED ONE (1) ADDITIONAL 2" (51MM) (ENTRANCE) CONDUIT INCLUDING PULL STRING (FOR A TOTAL OF TWO (2)) FROM THE STREET FEED TO THE BUILDING AS IDENTIFIED BY THE INTERNET SERVICE PROVIDER.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

GENERAL ELECTRICAL NOTES

- 1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
2. ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFE", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
7. EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
8. VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATION THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

SCOPE THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

SITE EXAMINATION

THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

STANDARDS

EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES

ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES

THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

WARRANTY

THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

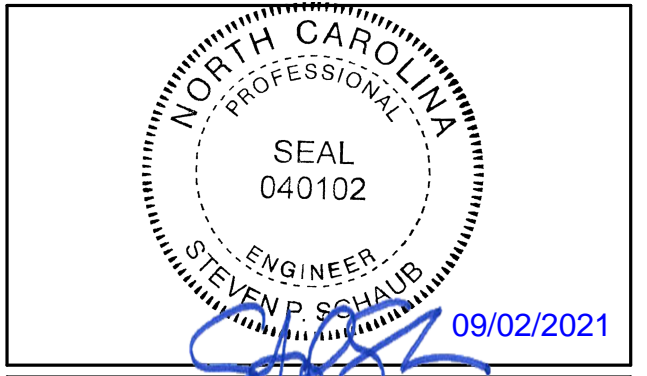
PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER), LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.



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STARBUCKS TEMPLATE VERSION: i2021-01-22



PROJECT NAME: HWY 24 & BRINKLEY HILL PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

Table with 2 columns: Field and Value. Includes STORE # (59763), PROJECT # (85334-001), ISSUE DATE (For Construction 09/01/21), DESIGN MANAGER (ASHLEY SUEIRAS), PRODUCTION DESIGNER (GPD GROUP), CHECKED BY (GPD GROUP).

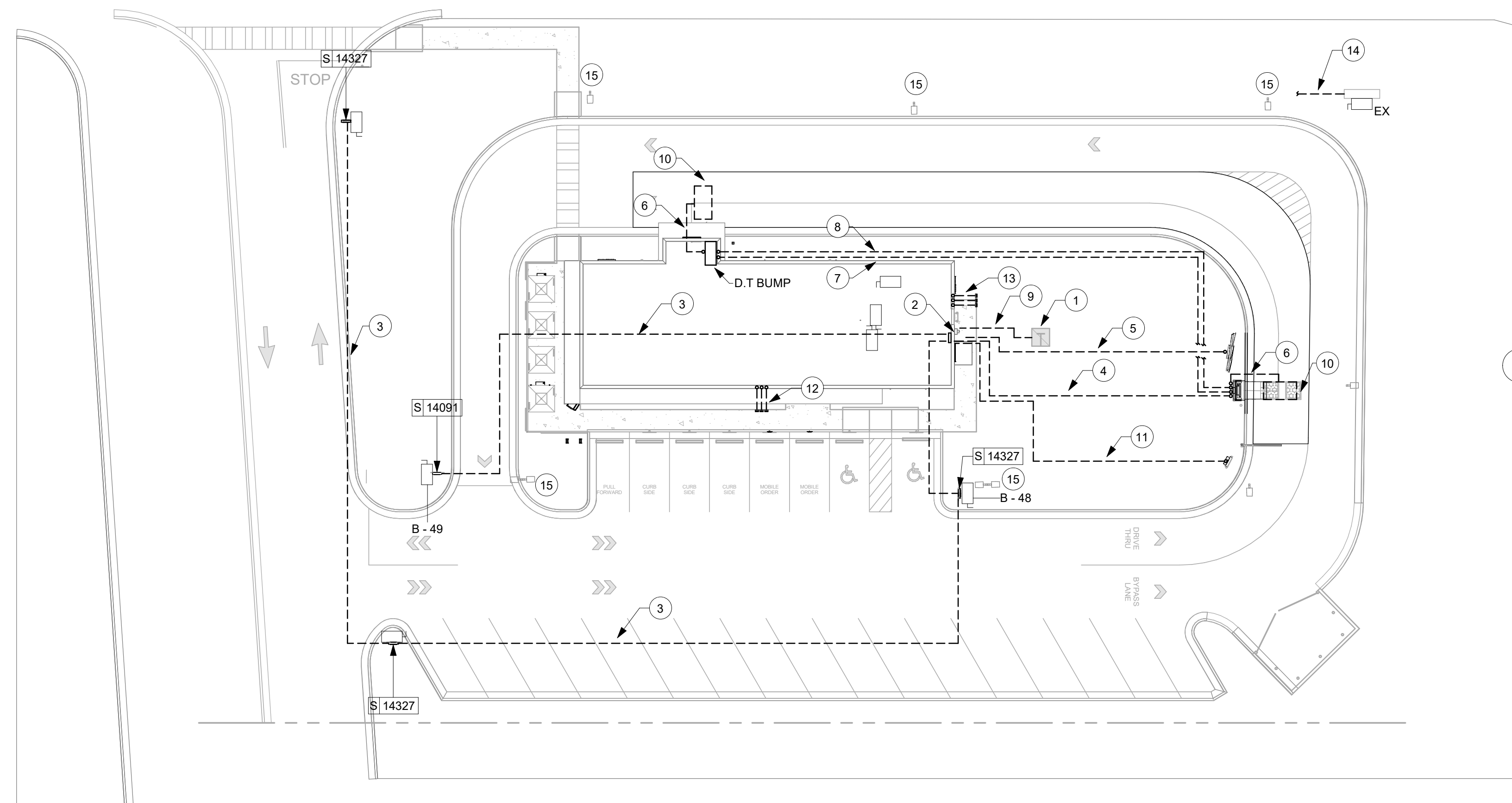
Table with 4 columns: Rev, Date, By, Description. Title: Revision Schedule.

SHEET TITLE: ELECTRICAL NOTES SCALE: AS SHOWN SHEET NUMBER: E001

9/2/2021 9:06:46 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

SITE SCHEDULE - "Y"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON-ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR: HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



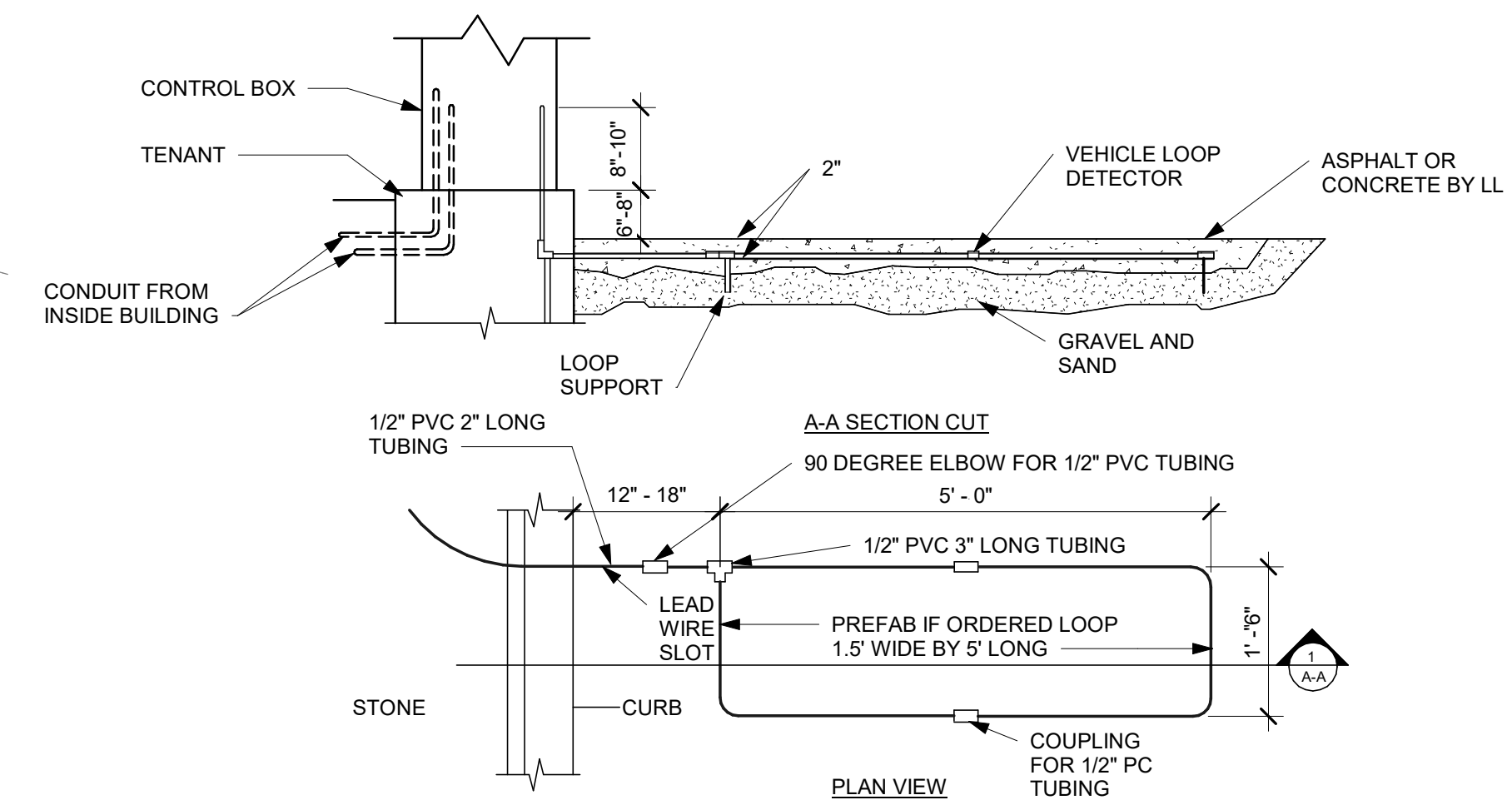
1 1ST FLOOR - SITE PLAN (ELECTRICAL)
Scale: 1" = 20'-0"

KEYED NOTES

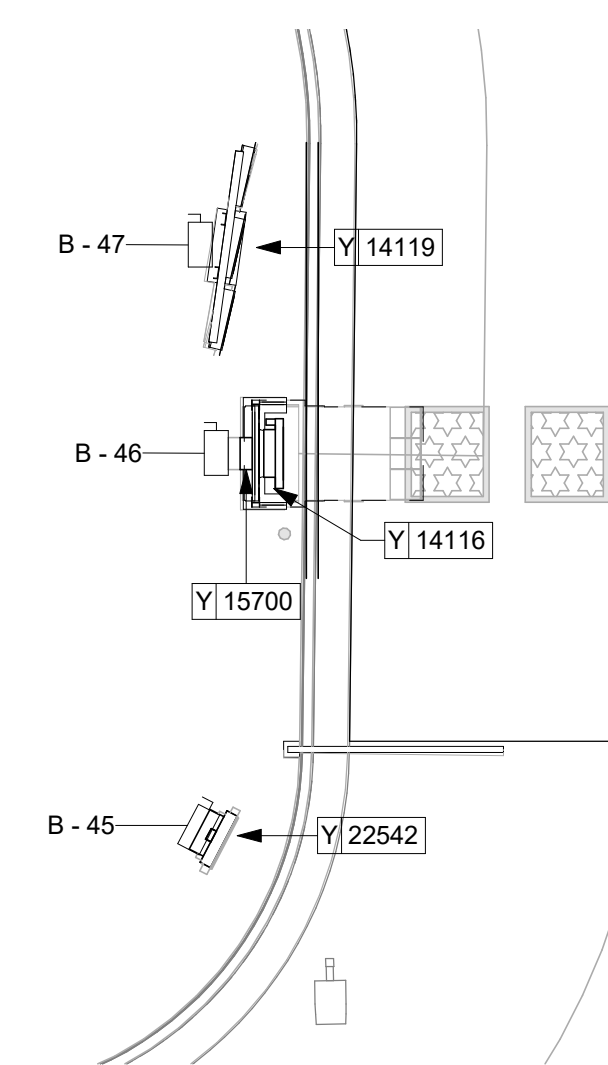
- LOCATION OF EXISTING PAD MOUNT TRANSFORMER, BY LL.
- LOCATION OF ELECTRIC METER AND CT CABINET, BY LL.
- 1" CONDUIT FOR DRIVE THROUGH DIRECTIONAL SIGN, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-48. PROVIDE (2) #10, (1) #10 GND, TO B-49.
- 1" CONDUIT FOR DIGITAL ORDER SCREEN, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-46.
- 1" CONDUIT FOR MENU BOARD, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-47.
- 1" CONDUIT FOR DETECTOR LOOP TO BE RAN UNDERGROUND, BY LL.
- DATA FOR SPEAKER. RUN 1" UNDERGROUND TO DATA RACK. BY LL.
- AUDIO/VIDEO FOR SPEAKER POST AND DETECTOR LOOP WIRING TO BE RAN THROUGH 1", BY LL. UNDERGROUND INTO BUILDING AND THEN ROUTED TO DT POS AREA.
- (2) 3" CONDUITS WITH (4) #3/0 FROM TRANSFORMER TO CT CABINET. SEE SINGLE-LINE DIAGRAM SHEET E601, BY LL.
- DETECTOR LOOP TO BE CENTERED ON DT WINDOW/ ORDER SPEAKER. COORDINATE WITH GC. TO BE 2" BELOW DT LANE PAVEMENT. BY LL.
- 1" CONDUIT FOR PRE-MENU BOARD BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-45.
- (3) 1" SPARE CONDUITS TO RUN THROUGH FOUNDATION WALL TO FRONT OF BUILDING. ALL CONDUITS TO BE TERMINATED ABOVE CEILING. VERIFY LOCATIONS FOR STUB UPS WITH TENANT REPRESENTATIVE. BY LL.
- (3) 1" SPARE CONDUITS TO RUN THROUGH FOUNDATION WALL TO REAR OF BUILDING. ALL CONDUITS TO BE TERMINATED ABOVE CEILING. VERIFY LOCATIONS FOR STUB UPS WITH TENANT REPRESENTATIVE. BY LL.
- 1" CONDUIT FOR MONUMENT SIGN BY LL. WIRING BY LL.
- EXISTING SITE LIGHTING AND WIRING BY LL.

GENERAL NOTES

- A. REFER TO DATA DEVICE SCHEDULE FOR LOW VOLTAGE DEVICES.



2 DT SENSOR LOOP DETAIL
Scale: NTS



3 ENLARGED ELECTRICAL SITE PLAN
Scale: 1/8" = 1'-0"

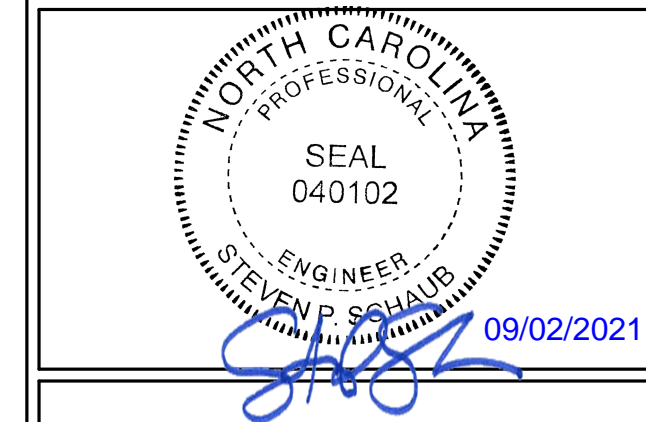


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STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture
Professional Corporation - C3879
420 SOUTH MAIN ST., SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101
GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL SITE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E003

KITCHEN EQUIPMENT SCHEDULE

DESIGN ID	DESCRIPTION	VOLTAGE	WATTAGE	CIRCUIT BREAKER SIZE	PANEL	CIRCUIT NUMBER	WIRE SIZE
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	1	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	3	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	15	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	34	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	40	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	43	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10746	DUAL BREWER SOFT HEAT	208V	8200	50A	B	18,20	3#6, 1#10G, 3/4"C
10808	GRINDER	120V	1400	20A	B	19	2#12, 1#12G, 3/4"C
10970	1 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	39	2#12, 1#12G, 3/4"C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	35	2#12, 1#12G, 3/4"C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	37	2#12, 1#12G, 3/4"C
20032	EIKON WARMING OVEN	208V	6000	30A	B	24,26	2#10, 1#10G, 3/4"C
20032	EIKON WARMING OVEN	208V	6000	30A	B	25,27	2#10, 1#10G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	B	4	2#12, 1#12G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	B	5	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	23	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	28	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1160	20A	A	40	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1160	20A	A	41	2#12, 1#12G, 3/4"C
15186	DISHWASHER	208V	6344	40A	A	31,33	3#8, 1#10G, 3/4"C
16238	ZEPHYR FOOD CASE	208V	1000	20A	B	29,31	2#12, 1#12G, 3/4"C
18846	ICE MACHINE	208V	3600	30A	A	36,38	2#10, 1#10G, 3/4"C
19559	NITROGEN GENERATOR	120V	500	20A	B	7	2#12, 1#12G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	50A	B	39,41	2#6, 1#10G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	50A	B	35,37	2#6, 1#10G, 3/4"C
20010	NITRO COOLER	120V	500	20A	B	8	2#12, 1#12G, 3/4"C

KEYED NOTES

- SHOW WINDOW RECEPTACLE TO BE MOUNTED ABOVE WINDOWS.
- EXTERIOR SIGNAGE. COORDINATE WITH SIGNAGE VENDOR/MANUFACTURER FOR CONNECTION AND POWER REQUIREMENTS. SEE ARCH PLANS FOR LOCATION. PROVIDE ALL PENETRATIONS AND CONNECTIONS, CONCEAL FROM VIEW. E.C. SHALL PROVIDE DISCONNECT SWITCH IF NOT PROVIDED PER CODE.
- DUCT SMOKE DETECTOR. COORDINATE WITH MECHANICAL FOR QUANTITY AND HVAC INTERLOCK SHUT DOWN.
- GFCI AND WP RECEPTACLE AT 18" AFF.
- EXHAUST FAN. FAN TO RUN CONTINUOUSLY DURING OCCUPIED MODE. RUN THROUGH RESTROOM LIGHTING CONTROLS. COORDINATE WITH MECHANICAL.
- FLOOR BOX (HUBBEL #S1CCFB OR EQUAL) WITH FLUSH FLOOR BOX COVER FOR WIRE MOLD AT COMMUNITY TABLE AND BANQUETTE. ROUTE FLEX CONDUIT TO CONNECTION POINT. SEE ARCH. DETAILS FOR LOCATION.
- DT AIR CURTAIN BY LL.
- DISH WASHER. E.C. SHALL PROVIDE 14-50R RECEPTACLE AND CORD @18" AFF.
- MOUNT REFRIG./FREEZER RECEPTACLE AT 84" AFF.
- ICE MACHINE WITH REMOTE CONDENSER (ON ROOF) COORDINATE WITH MANUFACTURER SPECS FOR REQUIREMENTS AND CONNECTION. PROVIDE A RECEPTACLE AT 72" AFF.
- CO2 SENSOR AND ALARM. COORDINATE WITH MECHANICAL FOR POWER REQUIREMENTS.
- THERMSTAT AND SENSOR. PROVIDE JUNCTION BOX FOR CONNECTION.
- TAMPER RESISTANT CONVENIENCE OUTLET AT 18" AFF.
- POWER FOR WATER HEATER/FILTRATION SYSTEM. PROVIDE POWER FOR RECIRCULATION PUMP IN CEILING AS NEEDED AND TOGGLE SWITCH FOR DISCONNECTION MEANS. SEE INTERIOR DETAILS FOR MORE INFORMATION.
- POWER AND DATA FOR FUTURE MENU BOARDS. RUN SIX ETHERNET CABLES ABOVE CEILING TO DATA RACK. PROVIDE 120V, 20A CIRCUIT FOR POWER. SEE BACKBAR MENU DETAIL FOR MORE INFORMATION.
- POWER FOR RESTROOM HAND DRYERS. COORDINATE WITH MANUFACTURER SPECIFICATIONS AND INTERIOR ELEVATIONS.
- POWER FOR BANQUETTE SEATING. COORDINATE WIRE REQUIREMENTS WITH MANUFACTURER.
- 1" UNDERGROUND SCHED. 40PVC CONDUIT. ROUTE TO WALL AND TO ABOVE CEILING. CONDUIT AND WIRING TO BE PROVIDED BY E.C.
- CO2 SENSOR AND ALARM. COORDINATE WITH MECHANICAL FOR POWER REQUIREMENTS.

GENERAL NOTES

- REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- ALL FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.



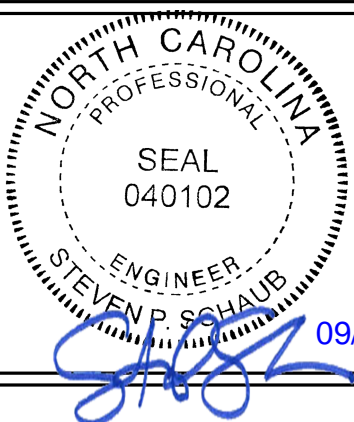
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STARBUCKS TEMPLATE VERSION: i2021-01-22



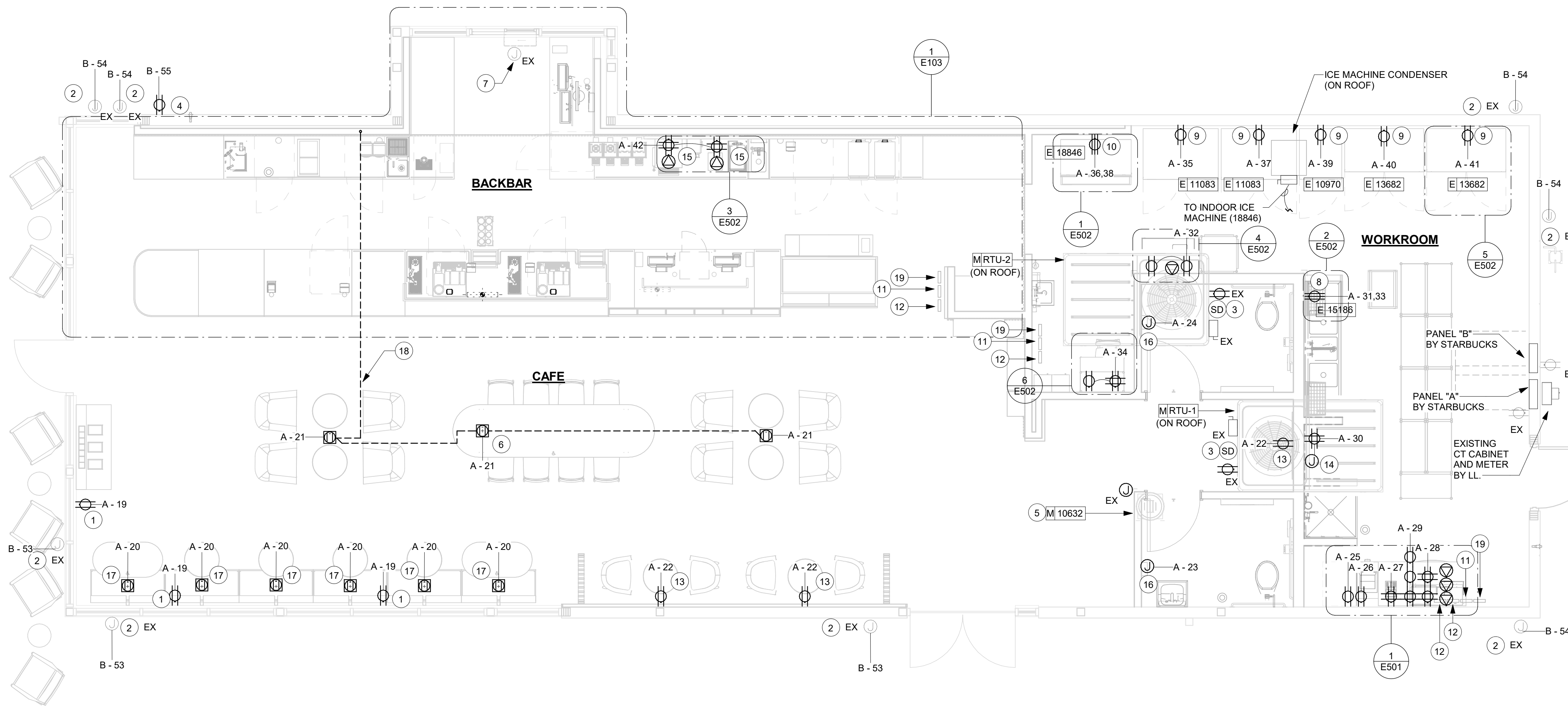
GPD PROJECT NO: 2020261.36



ELECTRICAL SCOPE OF WORK SUMMARY

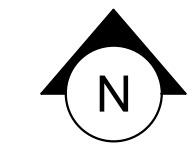
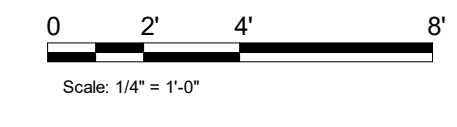
THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
MAIN BUILDING SERVICE AND POWER METER	X	
ELECTRICAL PANELS AND FEEDERS		X
TEMPORARY POWER	X	
ELECTRICAL PANEL BREAKERS		X
ABOVE FLOOR BRANCH CIRCUIT DISTRIBUTION		X
UNDER-FLOOR / SLAB POWER CONDUITS IN BUILDING (WIRING BY STARBUCKS)	X	
UNDERGROUND SITE CONDUITS FOR DT, SIGNS, MENU BOARD, DETECTOR LOOP & DCB (WIRING / CABLING BY STARBUCKS)	X	
SITE LIGHTING	X	
EXTERIOR BUILDING & PATIO LIGHTING	X	
DATA & PHONE SERVICE, DMARC & (2) 2" CONDUITS TO STARBUCKS SPACE	X	
DT WINDOW POWER	X	
DT WINDOW EXTERIOR LIGHTS (2 EACH)	X	
FIRE ALARM SYSTEM	X	



1 ELECTRICAL POWER PLAN

Scale: 1/4" = 1'-0"



9/2/2021 9:06:55 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

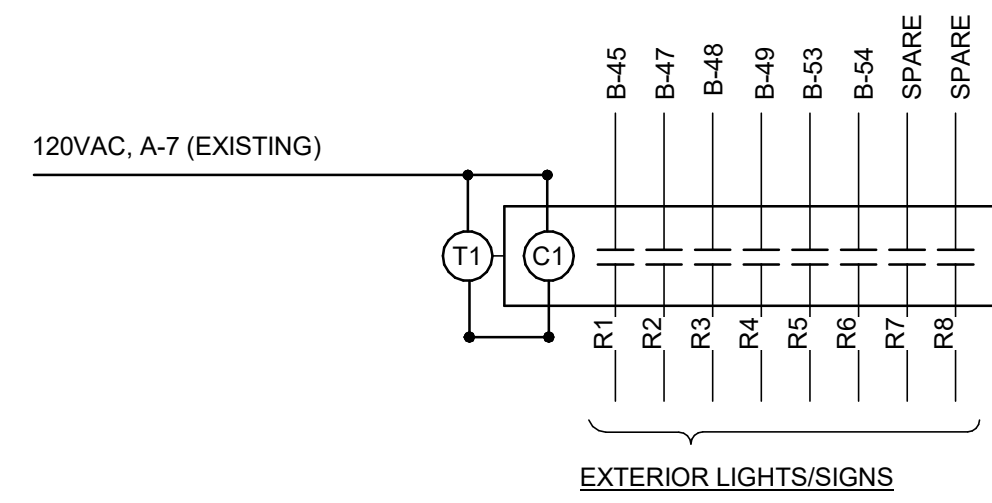
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE: **POWER PLAN**

SCALE: AS SHOWN

SHEET NUMBER: **E101**

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
ADDITIONAL LIGHTING EQUIP.						
CL1	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL1 1 AMP CURRENT LIMITER
CL4	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL4 4 AMP CURRENT LIMITER
EMS	1	VENSTAR EMS	SB	GC		SEE EMS SHEET FOR MORE INFORMATION
PP	2	100 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
PP2	1	200 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
EXIT						
19056	2	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	41	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRATED LED	
21773	3	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 700LM WF	SB	GC	INTEGRATED LED	
21775	23	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
20791	2	SCONCE - RBW PASTILLE VANITY - BLACK	SB	GC	INTEGRATED LED	
STRIP						
14410	8	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	FIELD TRIMMABLE TO 6IN LENGTHS
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12948	5	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
12949	2	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21777	7	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM SPOT	SB	GC	INTEGRATED LED	
21779	30	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	10	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	



T1 - TORK #7200Z - ASTRONOMIC TIMECLOCK CONTROL: PROGRAM TO TURN ON AT 4:50 AM & OFF AT 1:00 AM (COORDINATE TIMES WITH STARBUCKS) & WITH ASTRONOMIC CONTROL TO TURN SIGNAGE OFF DURING DAYLIGHT AND ON AT DUSK.

(DIMMER SWITCHBANK)
LUTRON MODEL #NT-600 DIMMER SWITCHES

(d) BAR	(f) BAR TAPE
(e) CAFE	(NL) NIGHT LIGHT 24HRS/DAY

2 LIGHTING CONTROL DETAILS

Scale: 12" = 1'-0"

KEYED NOTES

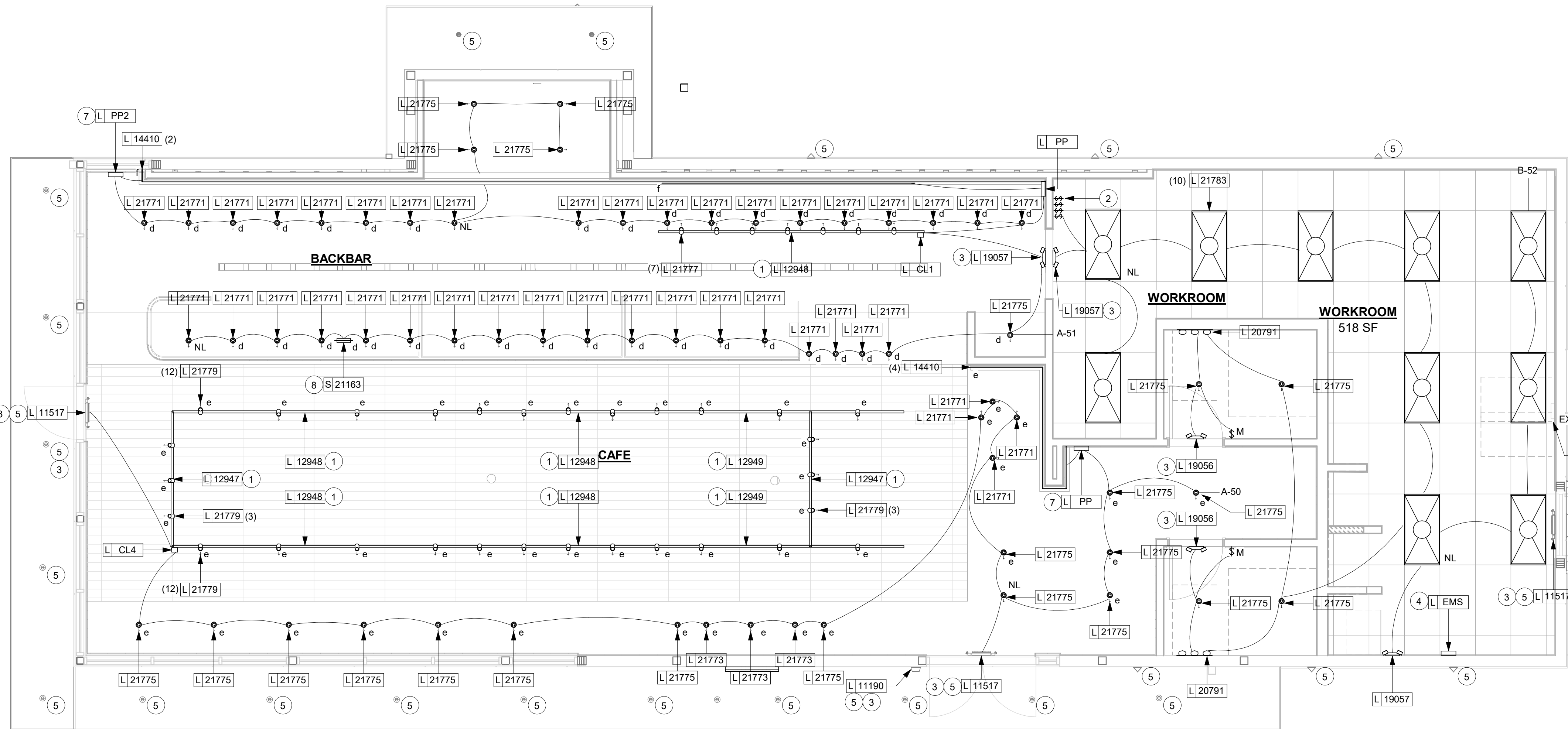
- SURFACE-MOUNT TRACK DIRECTLY TO SOFFIT.
- LOCATION OF SWITCHBANK. SEE DETAIL THIS SHEET FOR MORE INFORMATION.
- ALL EMERGENCY LIGHTS TO BE WIRED AHEAD OF ANY CONTROLS.
- LOCATION OF VENSTAR EMS SYSTEM. ALL LIGHTING CIRCUITS TO RUN THROUGH EMS LCP. E. C. SHALL COORDINATE INSTALLATION REQUIREMENTS WITH VENSTAR SPECIFICATIONS.
- EXISTING LIGHTING BY LL.
- ASTRONOMIC TIME CLOCK. SEE DETAIL THIS SHEET FOR MORE INFORMATION. VERIFY IN FIELD.
- POWER PACK FOR COVE LED LIGHTING. E. C. SHALL COORDINATE WITH MANUFACTURER SPECIFICATIONS FOR INSTALLATION REQUIREMENTS. VERIFY LOCATION IN FIELD.
- MOP SIGN TO BE POWERED AND CONTROLLED WITH BAR LIGHTING CIRCUIT.

GENERAL NOTES

- ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS. COORDINATE AIMING WITH OWNER.
- IF PENDANT CYLINDERS SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO INDICATED HEIGHT.

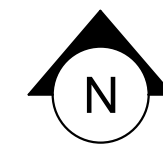
EGRESS LIGHTING NOTES

- EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED, LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. (1006)
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS. (1006.3):
 - AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
 - CORRIDORS, INTERIOR EXIT STAIRWAYS & RAMPS AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED. FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1 IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.6 EXIT DISCHARGE DOORWAYS IN BUILDING REQUIRED TO HAVE TWO OR MORE EXITS.
- THE EMERGENCY POWER SYSTEM SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM WHICH IS TO PROVIDE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1 1/2 HOUR IN CASE OF PRIMARY POWER LOSS. CONTINUED ILLUMINATION IS TO BE PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY RATION OF 40:1 SHALL NOT BE EXCEEDED. (1008.1.9.3)



1 REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION: i2021-01-22



GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
LIGHTING PLAN

SCALE: AS SHOWN

SHEET NUMBER:

E102

9/2/2021 9:07:04 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

KEYED NOTES

1. NEMA 6-30R RECEPTACLE AT 26" AFF FOR WARMING OVENS.
2. RECEPTACLE AT 26" AFF FOR UNDERCOUNTER REFRIGERATOR.
3. RECEPTACLE AT 26" AFF FOR CUP LABELER/GENERAL USE.
4. RECEPTACLE AT 26" AFF FOR GRINDER AND SCALE.
5. NEMA 6-50R RECEPTACLE AT 26" AFF FOR TWIN BREWER.
6. RECEPTACLE AT 26" AFF FOR BREWER WARMERS.
7. RECEPTACLE AT 26" AFF FOR INSTA HOT TAP.
8. RECEPTACLE AT 26" AFF FOR FUTURE/GENERAL USE.
9. RECEPTACLE AT 26" AFF FOR TICKET PRINTER.
10. RECEPTACLE AT 26" AFF FOR BLENDERS.
11. RECEPTACLE AT 26" AFF FOR NITRO FRIDGE AND GENERATOR.
12. RECEPTACLE AT 26" AFF FOR RINSE SINK.
13. LOCATION OF STUB UP PENETRATION AREA.
14. 6-50R RECEPTACLE AT 26" AFF FOR ESPRESSO MACHINE.
15. RECEPTACLE AT 26" AFF FOR UNDERCOUNTER REFRIGERATOR/HOT TAP
16. RECEPTACLE AT 18" AFF FOR POS.
17. POWER FOR CASE/FOOD LIGHT.
18. RECEPTACLES/DATA AT VARYING HEIGHTS SEE ELEVATION DETAIL E-501.
19. DATA AT 26" AFF. (TYP)
20. DATA AT 18" AFF.
21. RECEPTACLES FOR CAFE TO BE BLACK. RECEPTACLES FOR WORKROOM TO BE WHITE WITH STAINLESS STEEL COVER PLATES.

GENERAL NOTES

- A. REFER TO ELECTRICAL DETAIL SHEET FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.
- E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- G. ALL FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED BETWEEN ALL J-BOXES FOR ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.

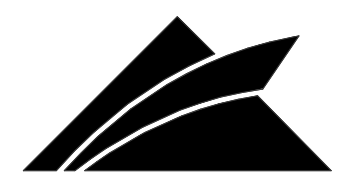


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GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

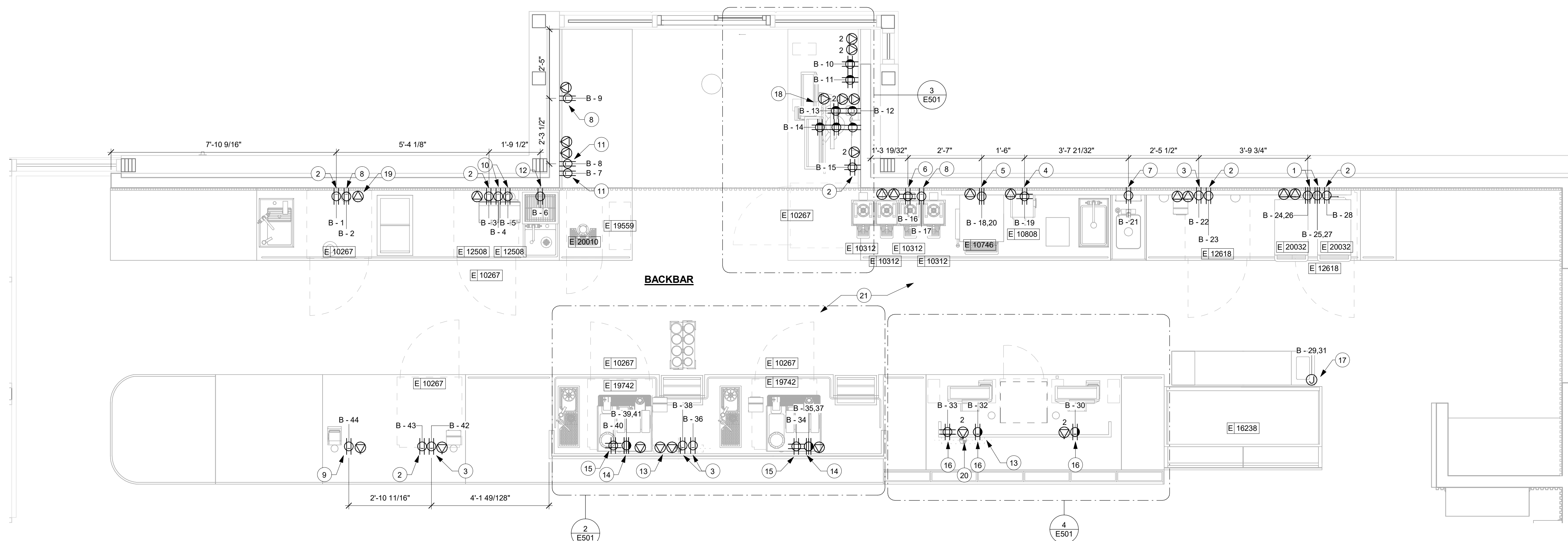
PROJECT ADDRESS:
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Revision Schedule			
Rev	Date	By	Description

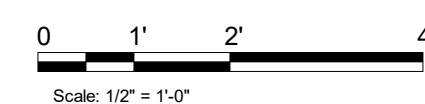
SHEET TITLE:
**ENLARGED ELECTRICAL
PLACEMENT PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
E103

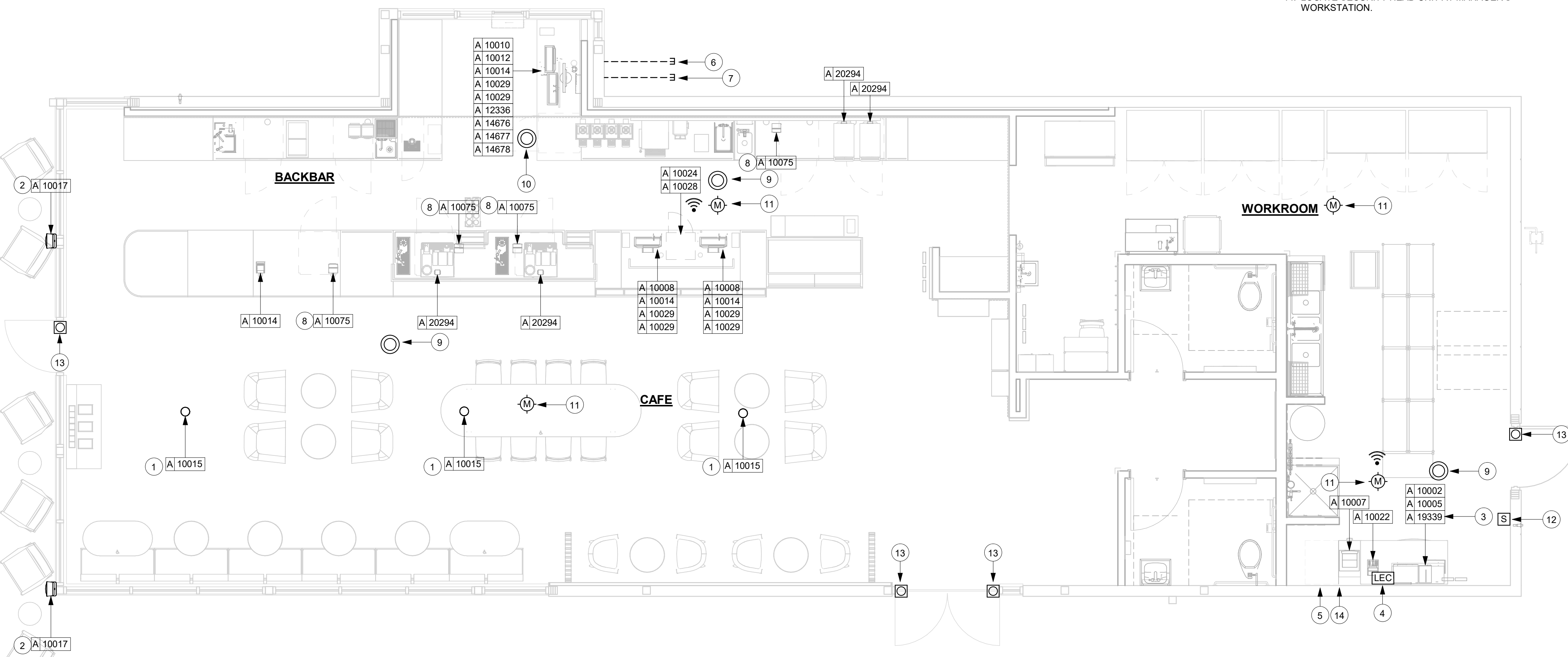


1 POWER PLAN (ENLARGED)

Scale: 1/2" = 1'-0"



DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	SB	
10012	1	DT COMMUNICATION SYSTEM	SB	SB	
10013	5	DT QUEUE CAMERA	SB	SB	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED	SB	GC	
12336	1	DT TIMER SYSTEM	SB	SB	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	SB	
19339	1	AMPLIFIER - 40W	SB	GC	
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB	
10007	1	PRINTER MANAGER WORKSTATION	SB	SB	
20294	4	IOT MODULE	SB	SB	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB	
10014	4	POS PRINTER	SB	SB	
10022	1	MONEY COUNTER	SB	SB	
10029	6	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	SB	
14677	1	POS - DT TENDERING REGISTER	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	SB	
10028	1	SAFE BASE	SB	SB	



1 DATA DEVICE PLAN
Scale: 1/4" = 1'-0"

KEYED NOTES

SOUND SYSTEM

- RECESSED SPEAKER: COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.
- WALL MOUNT SPEAKERS: MOUNT AT 12' (3660MM) A.F.F. OR AS CEILING HEIGHT PERMITS. COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.
- AMPLIFIER: LOCATE ON SHELVING ABOVE MANAGER'S WORKSTATION.

DATA & PHONE

- DEMARC 1 & 2 CABLES: TERMINATE AND LABEL BOTH ENDS TO JACKS IN SMB (SURFACE MOUNT BOX). EXTEND CABLES TO DEMARCATION POINT OR IF NOT DEMARC PRESENT, COIL 10' (3050MM) SERVICE LOOP ABOVE CEILING FOR FUTURE CONNECTION.
- PATCH PANEL (DATA RACK): CHECK INSTALL GUIDE FOR SPECIFICS ON CABLING AND LOCATION.
- DRIVE THRU CABLE (SHIELDED 20 GA 4 CONDUCTOR): MICROPHONE AND SPEAKER CABLES - CABLES SERVICE LOOPED IN DATA BOX ABOVE HIGHEST SHELF OR ABOVE CEILING AND RUN FROM THIS LOCATION TO DT LANE OUTSIDE OF BUILDING (SEE SITE PLAN FOR MORE INFORMATION).
- DRIVE THRU CABLES (CAT6 BURIAL GRADE): CABLES FOR DIGITAL ORDER SCREEN, CAMERA AND SPARE LOCATED BELOW COUNTER AND RUN FROM THIS LOCATION TO DRIVE THRU LANE OUTSIDE OF BUILDING. SEE SITE PLAN FOR MORE INFORMATION.
- CUP LABELERS.
- SECURITY
- SECURITY CAMERA: CEILING MOUNT TYPICAL IN OPEN CEILING CONDITION. LOCATE B.O. CAMERA AT SAME HEIGHT AS STORE LIGHTING.
- DRIVE THRU CAMERA: LOCATE 6' (1830MM) TO 8' (2440MM) FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DT POS.
- PIR MOTION DETECTOR REQUIRED PER STORE: (1) BEHIND BAR NEAR POS (1) CENTRALLY LOCATED IN CAFE (1) AT MANAGER'S WORKSTATION (1) CENTRALLY LOCATED IN BOH
- ALARM KEYPAD: LOCATED WITHIN 10' (3050MM) OF EMPLOYEE ENTRANCE, MOUNTED AT 3'-6" (1070MM) A.F.F.
- DOOR POSITION SWITCH: LOCATE (1) AT EACH DOOR LEAF.
- LOCATE SECURITY HEAD UNIT AT MANAGER'S WORKSTATION.

GENERAL NOTES

MUSIC SYSTEM

- THE GENERAL CONTRACTOR SHALL INSTALL SPEAKERS AND WIRING PER VENDOR'S DRAWINGS.
- THE GENERAL CONTRACTOR SHALL INSTALL THE MUSIC SYSTEM, CONNECT WIRING AND TEST..
- SPEAKER PLACEMENT: LOCATE (1) PER 250 S.F. (23 S.M.) OF CAFE SPACE AT 14' (4270MM) MIN. TO 18' (5490MM) MAX. O.C.
- SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED.
NOTE: ALL GRILL HOLES SHALL REMAIN OPEN.

LOW VOLTAGE CABLING

- G.C. TO PROVIDE PATHWAYS FOR ALL DATA AND LOW VOLTAGE CABLING DEVICES. CONDUITS CONTAINING MULTIPLE CABLES SHALL BE UPSIZED FOR FUTURE CAPACITY (1" (25MM) TYPICAL).
- PROVIDE LABELED END-TO-END PULL STRINGS RATED TO 25 LBS (11.33 KG) IN ALL CONDUITS.
- CONDUIT BEND RADIUS SHALL BE A MINIMUM OF 5X THE CONDUIT'S INTERNAL DIAMETER.
- TERMINATE CONDUITS THAT EXTEND THROUGH SLAB AT A MINIMUM OF 3" (76MM).
- FLEX CONDUIT IS GENERALLY UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT EXCEPT AT SEISMIC JOINTS.
- ALL SUB-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM CONDUIT PRIOR TO PLACEMENT OF CABLES.
- ALL PULL BOXES SHALL BE SIZED AND INSTALLED PER ANSITIA/EIA-569-A. PULL BOXES FOR UNDERGROUND CONDUITS ARE NOT PERMITTED UNLESS OTHERWISE NOTES.

BROADBAND CABLE

- MAIN POINT OF ENTRY: GENERAL CONTRACTOR TO PROVIDE 2" (50MM) MINIMUM CONDUIT PATH FROM THE BUILDING'S MAIN POINT OF ENTRY (MPOE) TO THE CEILING ABOVE THE MANAGER'S WORKSTATION. THE INTERNET SERVICE PROVIDER (ISP) WILL DESIGNATE THE START AND END LOCATIONS FOR THE CONDUIT AND ANY BACKBOARD, GROUNDING AND POWER REQUIREMENTS.

SECURITY

- ENTRY CAMERA: CAPTURE ENTIRE DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH POINT OF ENTRY.
- POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.
- SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.
- DRIVE THRU CAMERA: PRIMARY OBJECT IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.
- BOH CAMERA: CAPTURE CASH HANDLING AREA.
- CARBON MONOXIDE: PROVIDE (1) MINIMUM CARBON MONOXIDE (CO) DETECTOR LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE AREA IF SPACE INCLUDES A FIREPLACE.

LOW VOLTAGE ELECTRICAL SYMBOLS LEGEND

- CARBON MONOXIDE DETECTOR
- WIRELESS DOOR POSITION SWITCH
- SECURITY KEY PAD
- WIRELESS PIR MOTION SENSOR
- LOCAL EXCHANGE CARRIER (DEMARCATON POINT)
- WI-FI ACCESS POINT

DATA PORT RECEPTACLE KEY

+ [HEIGHT A.F.F.] PORT NAME



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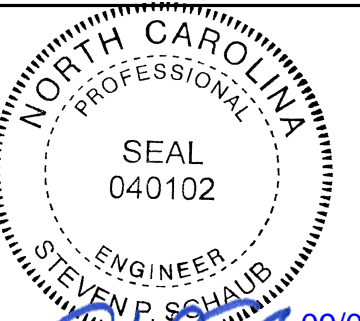
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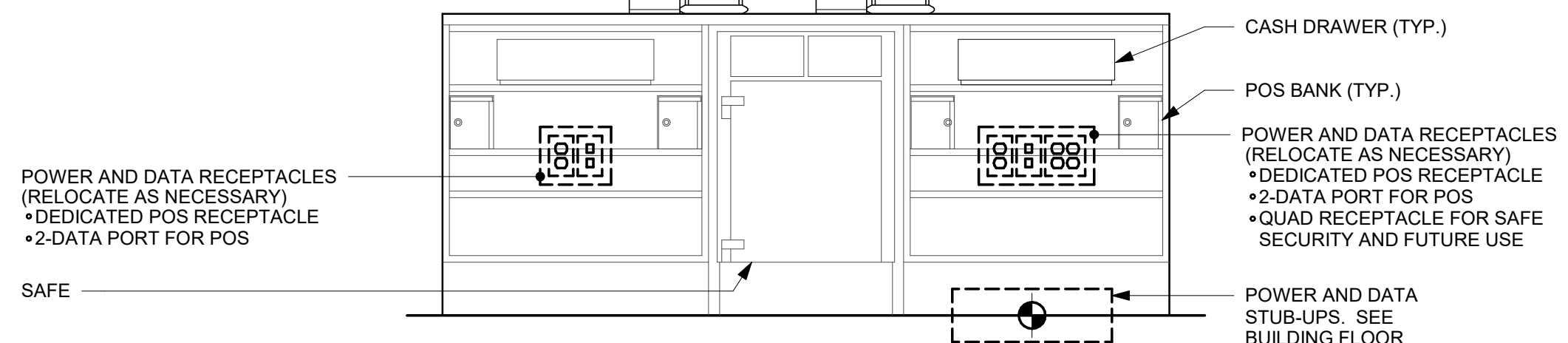
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
DATA DEVICE PLAN

SCALE: AS SHOWN

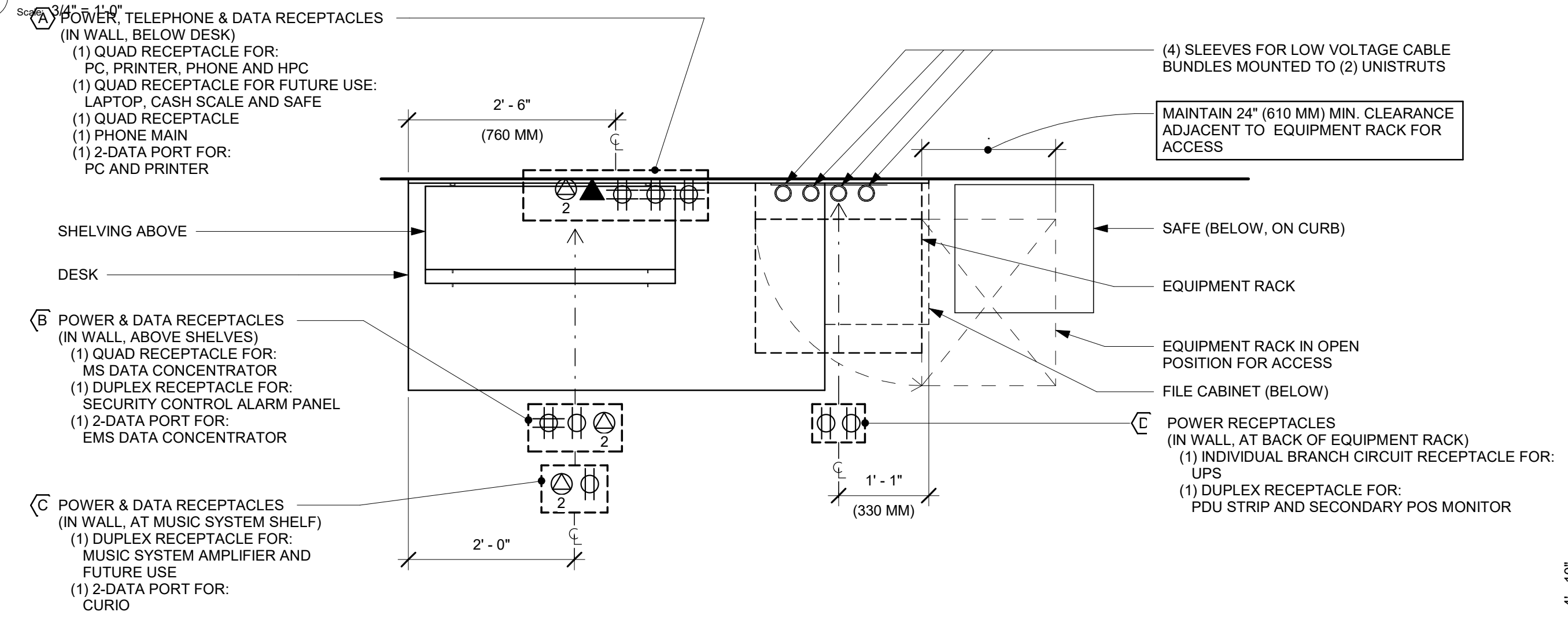
SHEET NUMBER:
E104

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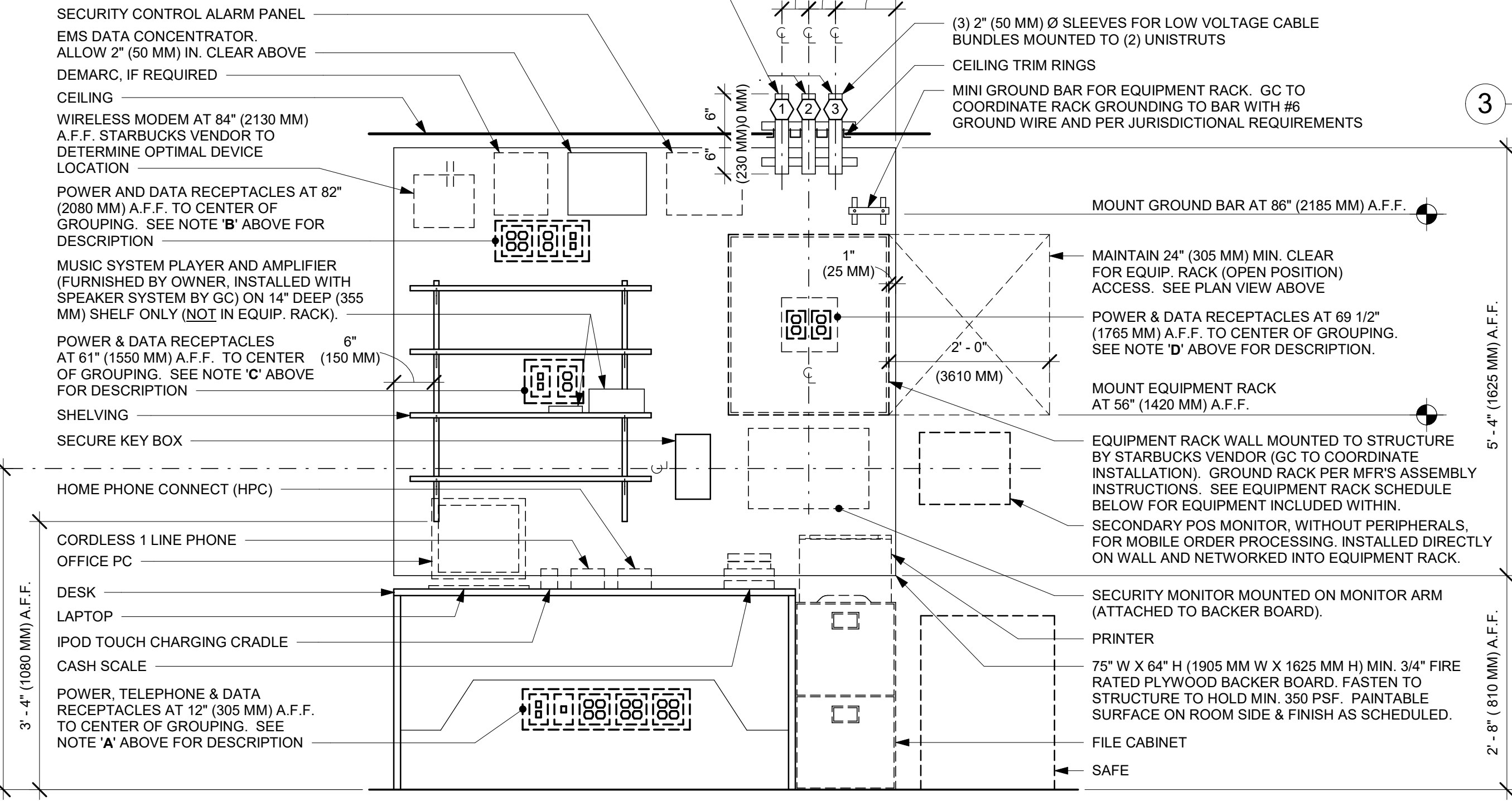
PARTNER SIDE

4 GENERIC DOUBLE POS MEP DIAGRAM



PLAN VIEW

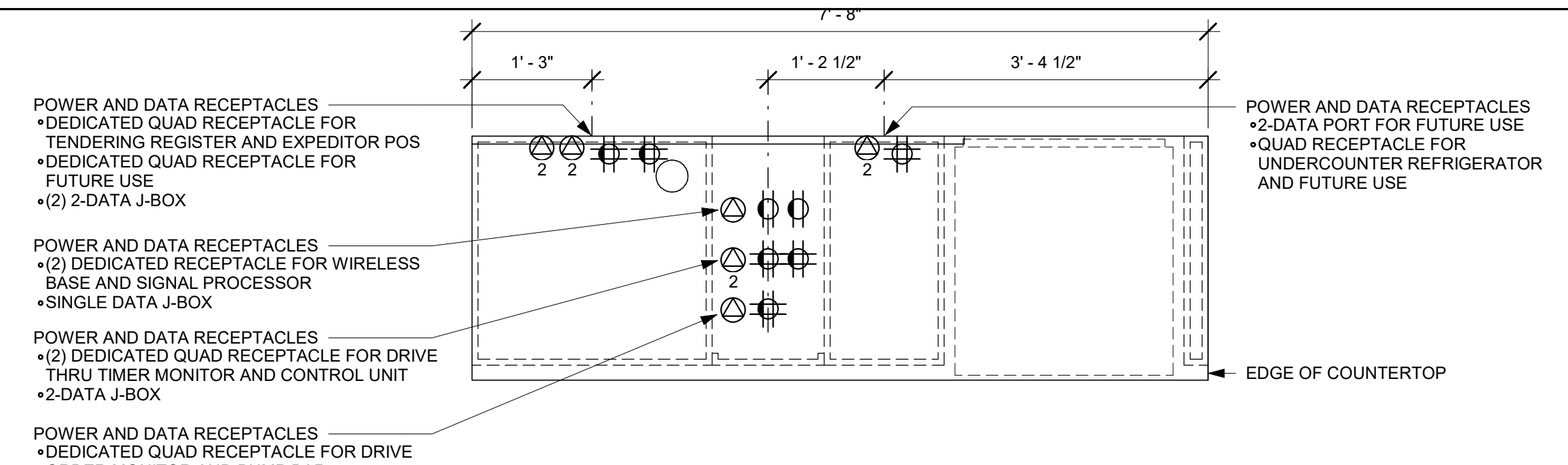
LOW VOLTAGE CABLE BUNDLES		
1 MUSIC PLAY NETWORK SPEAKERS	2 SECURITY SECURITY PANEL FUTURE USE	3 POS HIGH SPEED INTERNET DEMARC EXTENSION POS LAN DT TIMER



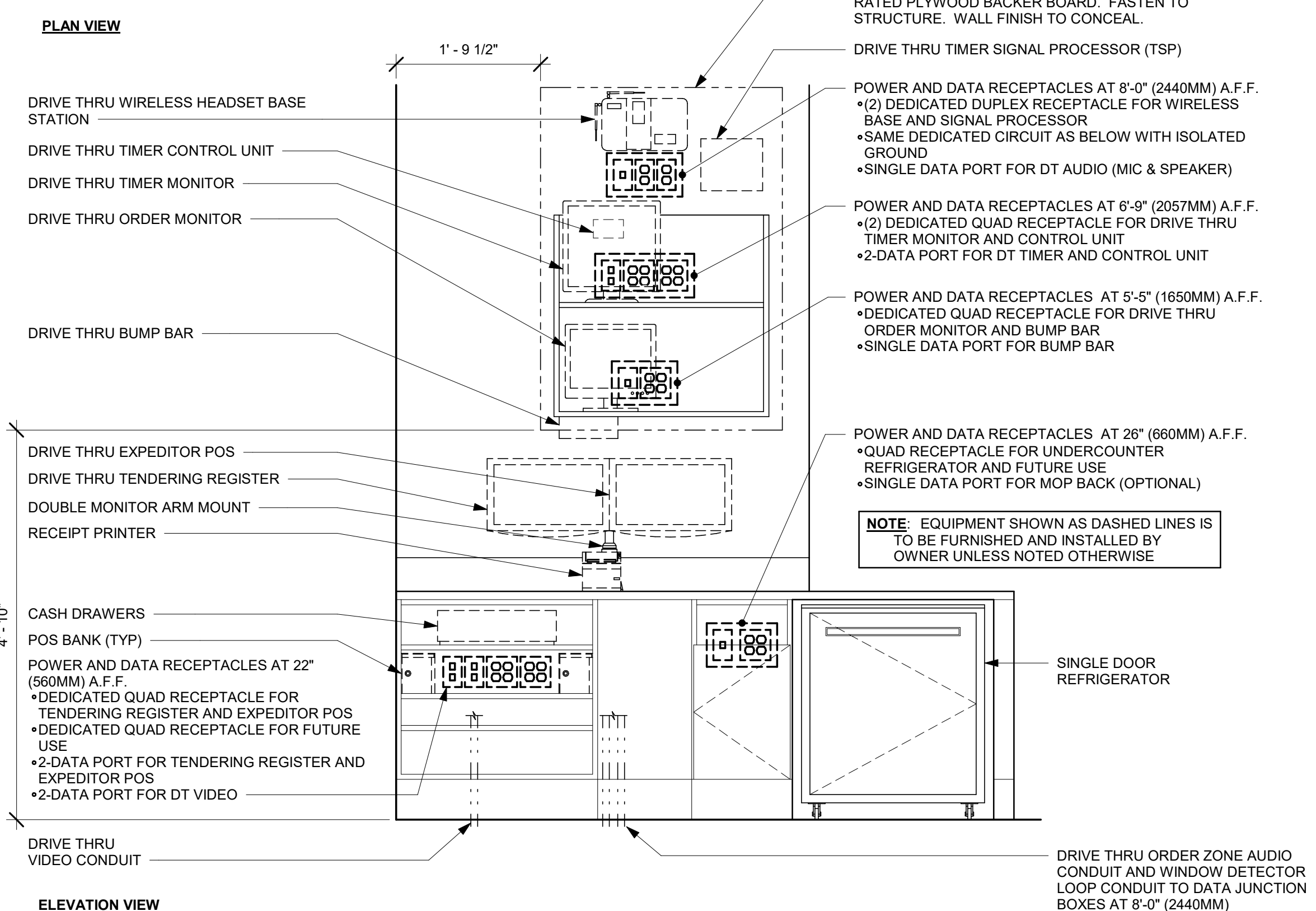
ELEVATION VIEW

NOTES:
1. EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.
2. THIS DETAIL APPLIES ONLY TO PICK-UP STORES.

EQUIPMENT RACK SCHEDULE		
UPS	NETWORK SWITCH	SECURITY RECORDER (NVR)
IPS EQUIPMENT	PATCH PANEL	SECURITY KEYBOARD
ROUTER	PRODUCTION CONTROLLER DEVICES	



PLAN VIEW

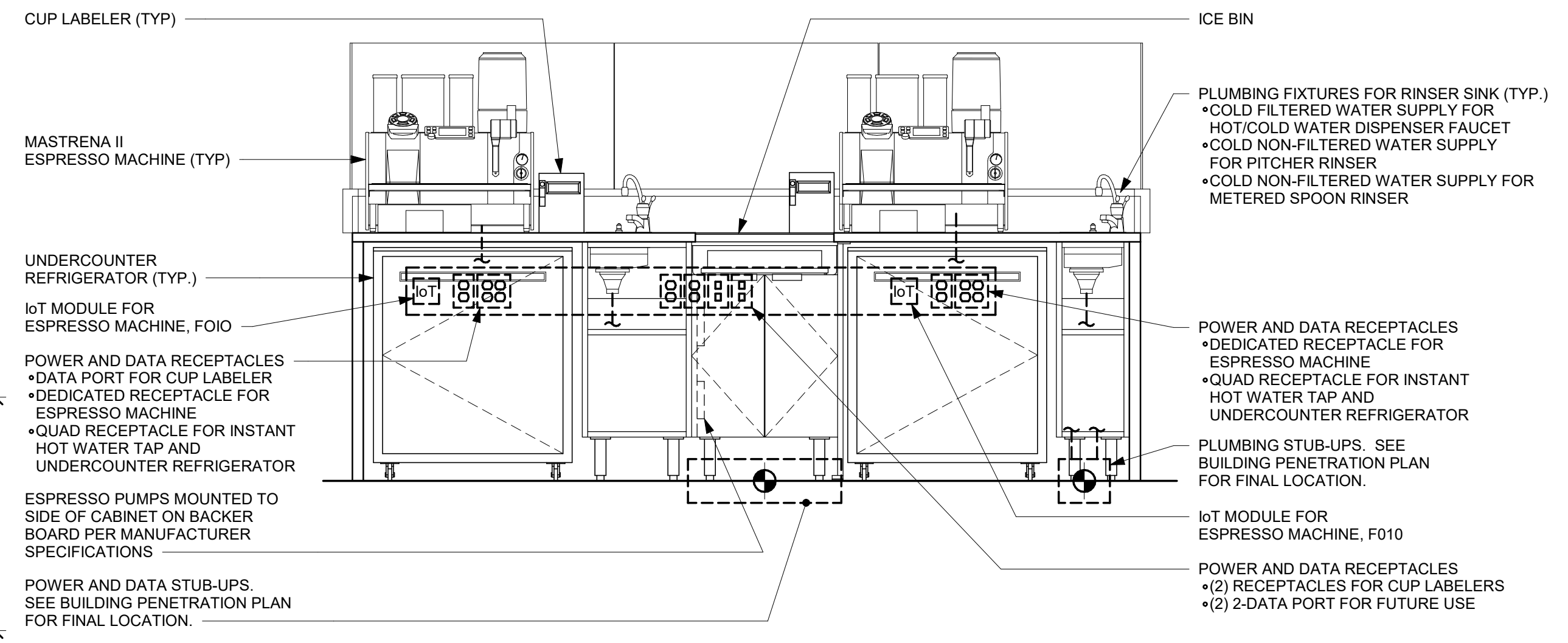


ELEVATION VIEW

3 DTP 01-01 ELECTRICAL

Scale: 3/4" = 1'-0"

NOTE:
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ENGINEER TO MODIFY AS APPROPRIATE



PARTNER SIDE

NOTE: THIS GENERIC MEP DIAGRAM APPLIES TO "METRO BAR" WORKSTATIONS. [ESP 07-02] [ESP 08-02] [ESP 09-02] [ESP 10-01] [ESP 11-01]

2 GENERIC METRO BAR (MASTRENA II) MEP DIAGRAM

Scale: 3/4" = 1'-0"

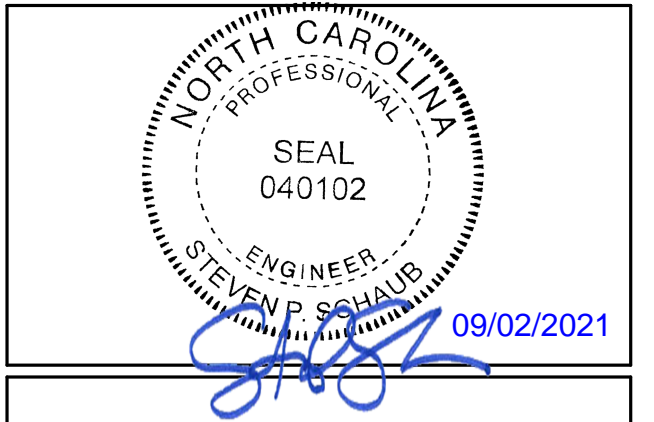


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CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
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Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
E501

9/2/2021 9:07:14 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



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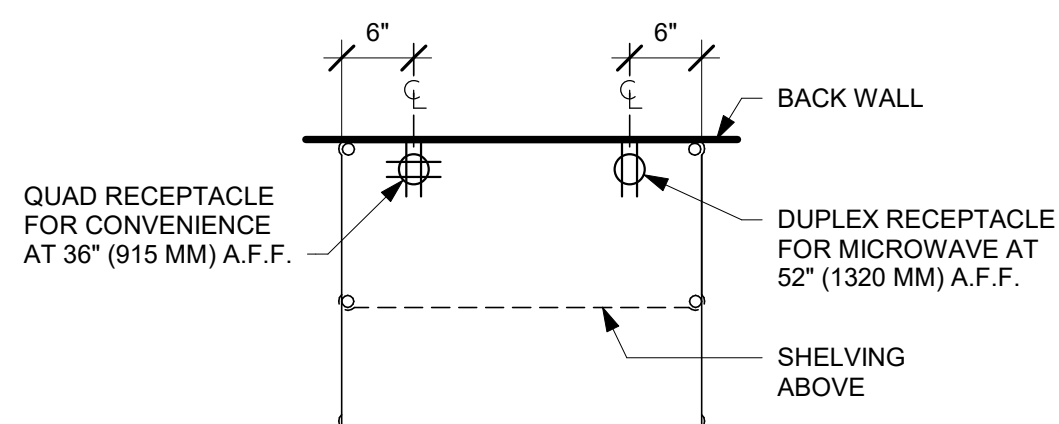
Rev	Date	By	Description

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ELECTRICAL DETAILS

SCALE: AS SHOWN

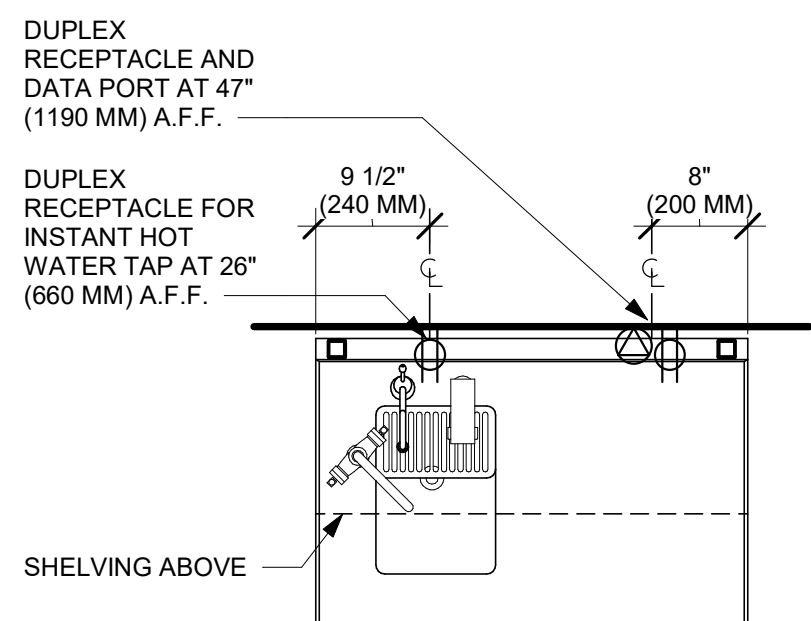
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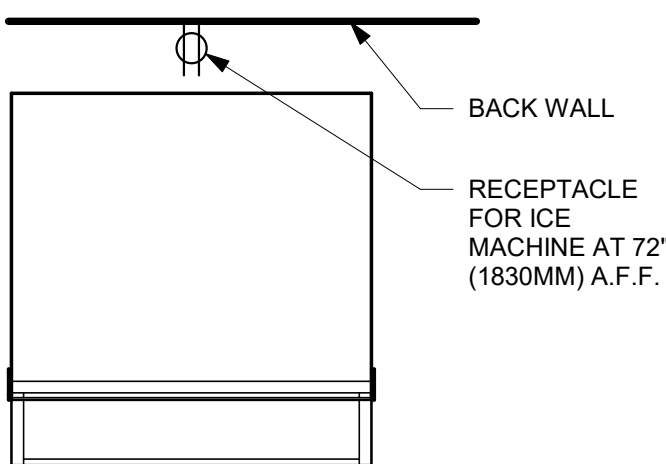
6 PARTNER DESK - ELECTRICAL

Scale: 3/4" = 1'-0"



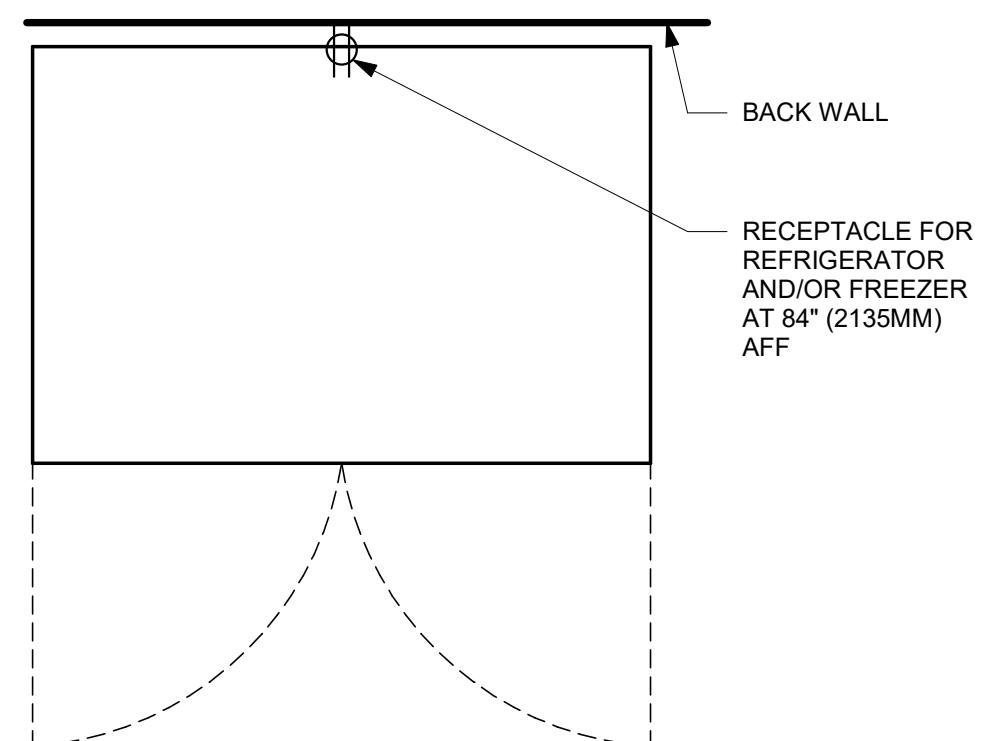
4 WATER FILLING STATION - ELECTRICAL

Scale: 3/4" = 1'-0"



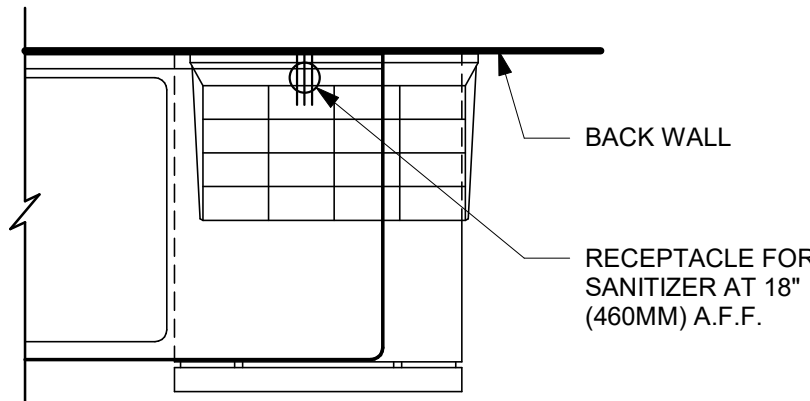
1 ICE MACHINE - ELECTRICAL

Scale: 3/4" = 1'-0"



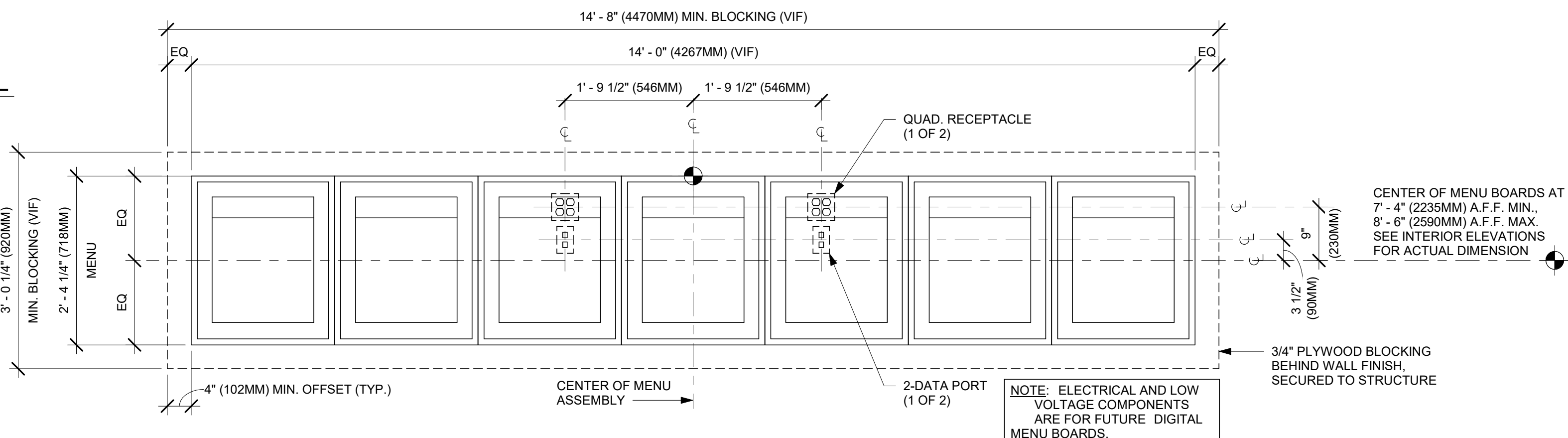
5 REFRIGERATOR/FREEZER - ELECTRICAL

Scale: 3/4" = 1'-0"



2 SANITIZING WORKSTATION - ELECTRICAL

Scale: 3/4" = 1'-0"

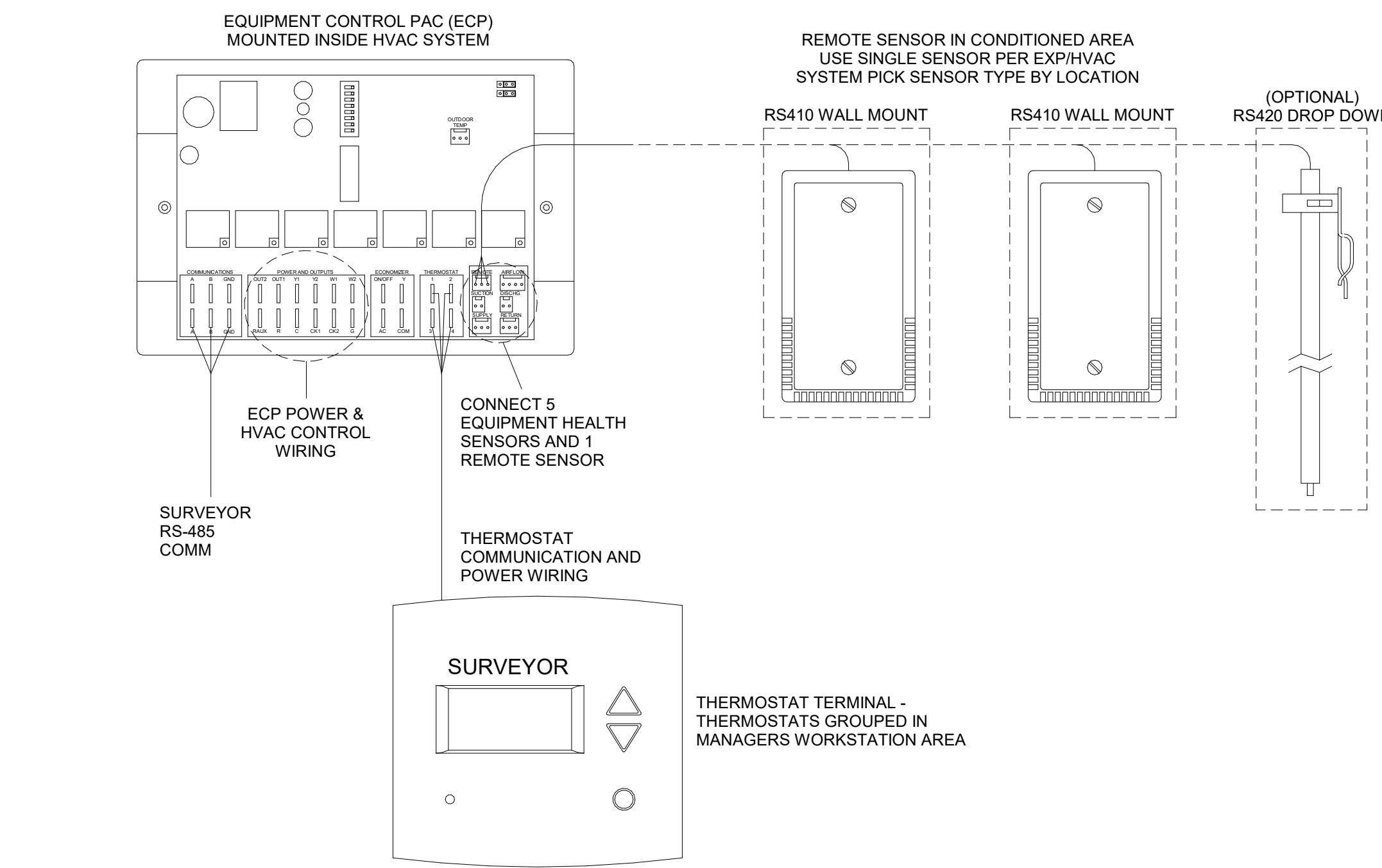


3 INFRASTRUCTURE FOR FUTURE DIGITAL MENU BOARDS

Scale: 3/4" = 1'-0"

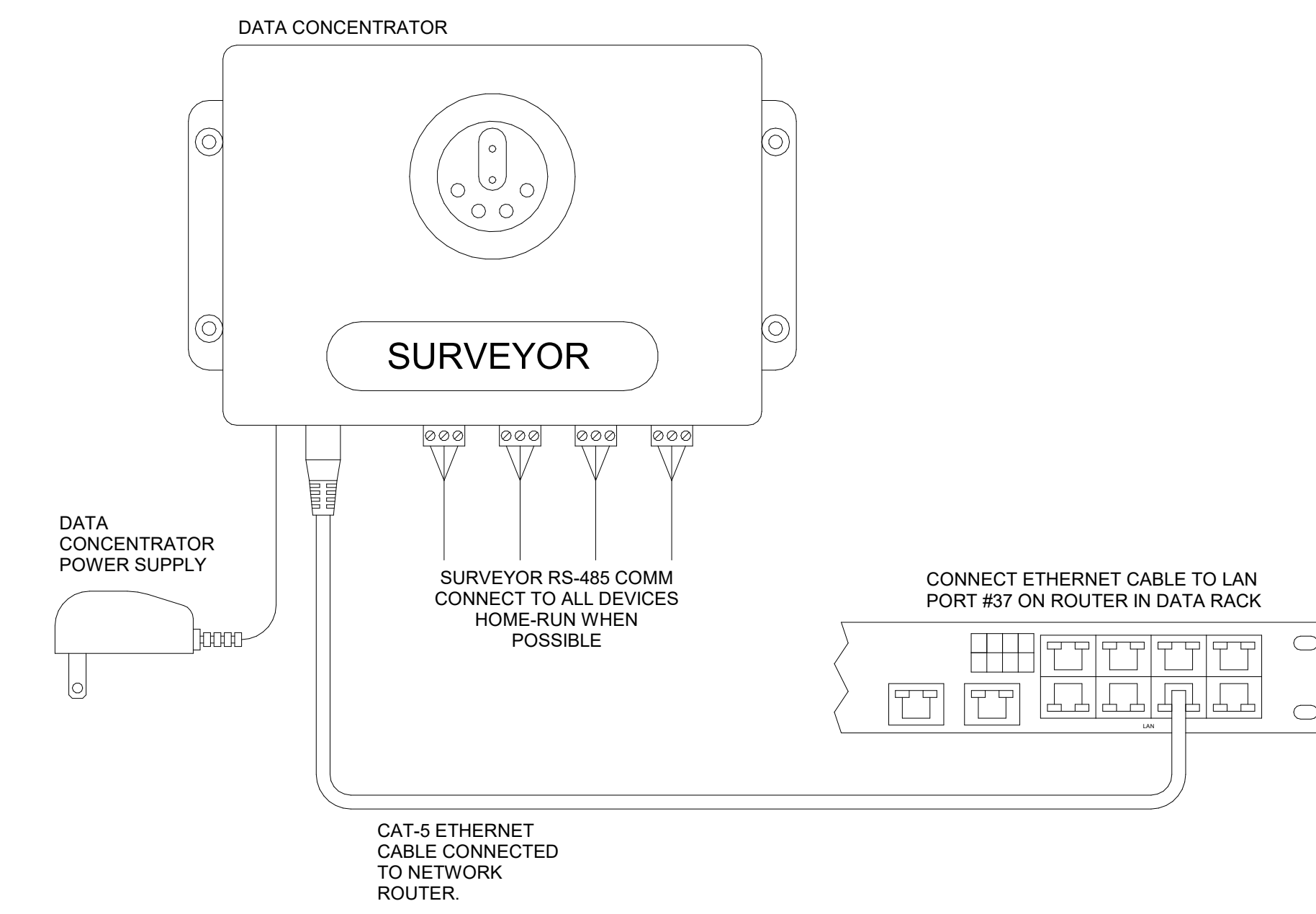
9/2/2021 9:07:15 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

9/2/2021 9:07:17 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

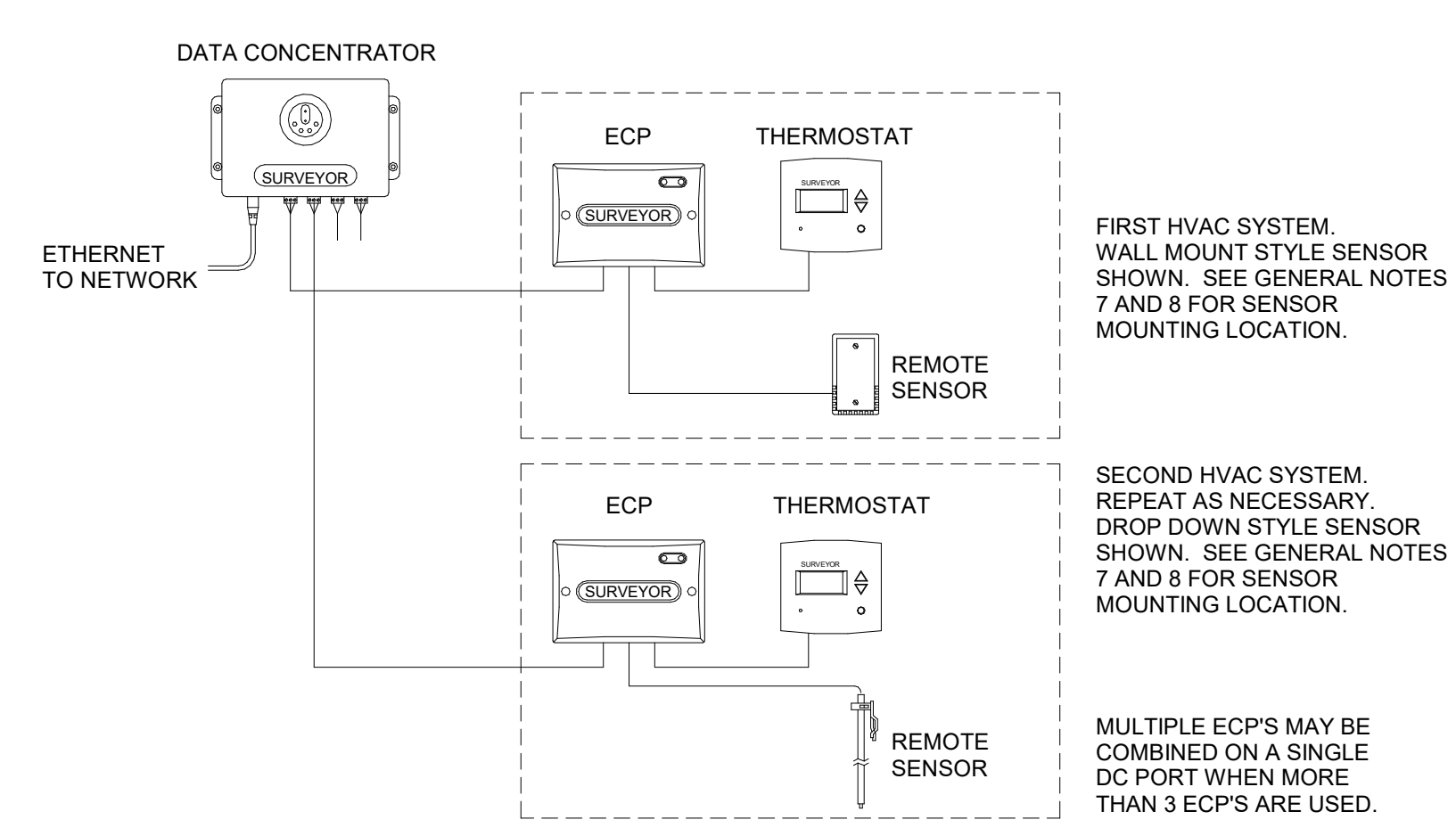


- NOTES:
1. OUTDOOR TEMPERATURE SENSOR CONNECTED TO ONE ECP ONLY PER LOCATION. FACE NORTH WHEN POSSIBLE.
 2. SEE GENERAL NOTES 7 AND 8 FOR REMOTE SENSOR MOUNTING LOCATION DETAILS.

3 Venstar EMS - No Lighting Control - HVAC Controls
Scale: N.T.S



2 Venstar EMS - No Lighting Control - Data Concentrator
Scale: N.T.S



1 Venstar EMS - No Lighting Control - Basic Low Voltage Wire Runs
Scale: N.T.S

GENERAL NOTES

1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
5. REFER TO THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
7. WALL MOUNTED REMOTE SENSOR IS MOUNTED ON WALL 4 TO 5 FT AFF. AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
8. USE A DROP DOWN SENSOR IF A WALL MOUNT SENSOR CANNOT BE INSTALLED DUE TO SPACE CONSTRAINTS (SEE NOTE 7 FOR REQUIREMENTS). THE SENSOR CLIPS TO THE T-BAR GRID AND ADJUSTED SO THE BOTTOM OF THE SENSOR IS 8 TO 9 FT AFF. ALLOW 2 FT OF CLEARANCE FROM METRO SHELVING AND AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
9. FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, CONTACT SURVEYOR TECHNICAL SUPPORT, (855) 647-7660, OPTION 1 OR EMAIL INSTILLSUPPORT@VENSTAR.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS

VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
DC400	011029485	DATA CONCENTRATOR	1
OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
SP400	011029491	SENSOR PAC	1 PER HVAC
RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER FOH HVAC
OPTIONAL → RS420	011050767	NARROW DROP DOWN SENSOR	1 PER BOH HVAC



STARBUCKS
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
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STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture
Professional Corporation - C3879
520 SOUTH MAIN ST. SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101
GPD PROJECT NO: 2020261.36

STEVEN P. SEMALUB
ENGINEER
09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
GENERAL ELECTRICAL - EMS, NO LIGHTING
SCALE: AS SHOWN

SHEET NUMBER:
E513



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DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL PANEL SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
E601

Branch Panel: A (BY STARBUCKS)

Location: WORKROOM 41
Supply From: CT CABINET
Mounting: RECESSED
Enclosure: NEMA-1

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 42K (SEE NOTE)
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:
PANEL WITH FEED-THRU LUGS TO SERVE FUTURE PANEL

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES	
	1	EXISTING AIR CURTAIN	20 A	1	3 VA	154 VA			1	20 A	EXISTING CANOPY LIGHTS	2	
	3	EXISTING EF-1	20 A	1		180 VA	262 VA		1	20 A	EXISTING EXTERIOR BLDG. LIGHTS	4	
	5	EXISTING EMERGENCY LIGHTS	20 A	1			30 VA	120 VA	1	20 A	EXISTING INTERIOR LIGHTS	6	
	7	EXISTING TIME CLOCK	20 A	1	200 VA	450 VA			1	20 A	EXISTING PARKING LOT LIGHTING	8	
	9	EXISTING PARKING LOT LIGHTING	20 A	1		360 VA	360 VA		1	20 A	EXISTING RTU-RECEPTACLES	10	
	11	EXISTING RECEPTACLES	20 A	1			360 VA	5760...	3	60 A	EXISTING RTU-2	12	
	13	EXISTING RTU-1	60 A	3	5760...	5760...						14	
	15	--	--	--		5760...	5760...		--	--		16	
	17	--	--	--		5760...	180 VA		1	20 A	EXISTING MONUMENT SIGN	18	
	19	SHOW WINDOW RECEPS	20 A	1	540 VA	1080...			1	20 A	FLOOR BOX BANQUETTE (6)	20	
	21	FLOOR BOX BANQUETTE/CONV. (3)	20 A	1		540 VA	540 VA		1	20 A	CAFE RECEPS	22	
	23	HAND DRYER	20 A	1		180 VA	180 VA		1	20 A	HAND DRYER	24	
	25	UPS MANAGERS DESK	20 A	1	180 VA	180 VA			1	20 A	PDU STRIP MANAGERS DESK	26	
	27	RECEPS MANAGERS DESK	20 A	1		1080...	540 VA		1	20 A	DATA / CONTROLS MANAGERS DESK	28	
	29	MUSIC SYSTEM MANAGERS DESK	20 A	1		180 VA	540 VA		1	20 A	WATER FILTRATION / HEATER	30	
	A	15186 - DISHWASHER	40 A	2	3172...	360 VA			1	20 A	WATER FILLING STATION	32	A
	33	--	--	--		3172...	540 VA		1	20 A	RECEPS PARTNERS DESK	34	
	A	35 11083 - 2 DOOR REACH-IN REFRIG.	20 A	1			1200...	1800...	2	30 A	18846 - ICE MACHINE	36	B
	A	37 11083 - 2 DOOR REACH-IN REFRIG.	20 A	1	1200...	1800...			--	--		38	
	A	39 10970 - 1 DOOR REACH-IN REFRIG.	20 A	1		1200...	1160...		1	20 A	13682 - 2 DOOR REACH IN FREEZER	40	A
	A	41 13682 - 2DOOR REACH IN FREEZER	20 A	1			1160...	720 VA	1	20 A	FUTURE MENU BOARDS	42	
Total Load:					20839 VA	21454 VA	18170 VA						
Total Amps:					177 A	182 A	151 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	5260 VA	100.00%	5260 VA	
Kitchen Equipment	9944 VA	65.00%	6464 VA	Total Conn. Load: 60463 VA
Receptacle	8040 VA	100.00%	8040 VA	Total Est. Demand: 56983 VA
				Total Conn. Current: 168 A
				Total Est. Demand Current: 158 A

Notes:
PANEL WILL CONTAIN GFCI BREAKERS. ENSURE MANUFACTURE CAN PROVIDE GFCI BREAKERS OVER 20A, INCLUDING 120V AND 208V LOADS. GFCI RELAYS ARE NOT PERMITTED. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND SHALL CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTOR SHALL PROVIDE EQUIPMENT RATED FOR FAULT CURRENT.

PANEL SCHEDULE NOTES

- A. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (5mA) SHALL BE UTILIZED WHERE REQUIRED BY CODE. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL OF THESE CIRCUITS AND IN ACCORDANCE WITH N.E.C.
- B. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (5mA) SHALL BE UTILIZED WHERE REQUIRED BY CODE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

PANEL A TOTALS	PANEL B TOTALS	PANEL A AND B TOTALS
TOTAL CONN. LOAD: 60463 VA	TOTAL CONN. LOAD: 56633 VA	TOTAL CONN. LOAD: 117096 VA
TOTA EST. DEMAND: 56983 VA	TOTA EST. DEMAND: 43627 VA	TOTA EST. DEMAND: 100610 VA
TOTAL CONN. CURRENT: 168 A	TOTAL CONN. CURRENT: 157 A	TOTAL CONN. CURRENT: 325 A
TOTAL EST. DEMAND CURRENT: 158 A	TOTAL EST. DEMAND CURRENT: 121 A	TOTAL EST. DEMAND CURRENT: 279 A

Branch Panel: B (BY STARBUCKS)

Location: WORKROOM 41
Supply From: PANEL 'A'
Mounting: RECESSED
Enclosure: NEMA 1

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: MLO
Mains Type: MLO
Mains Rating: 400 A
MCB Rating:

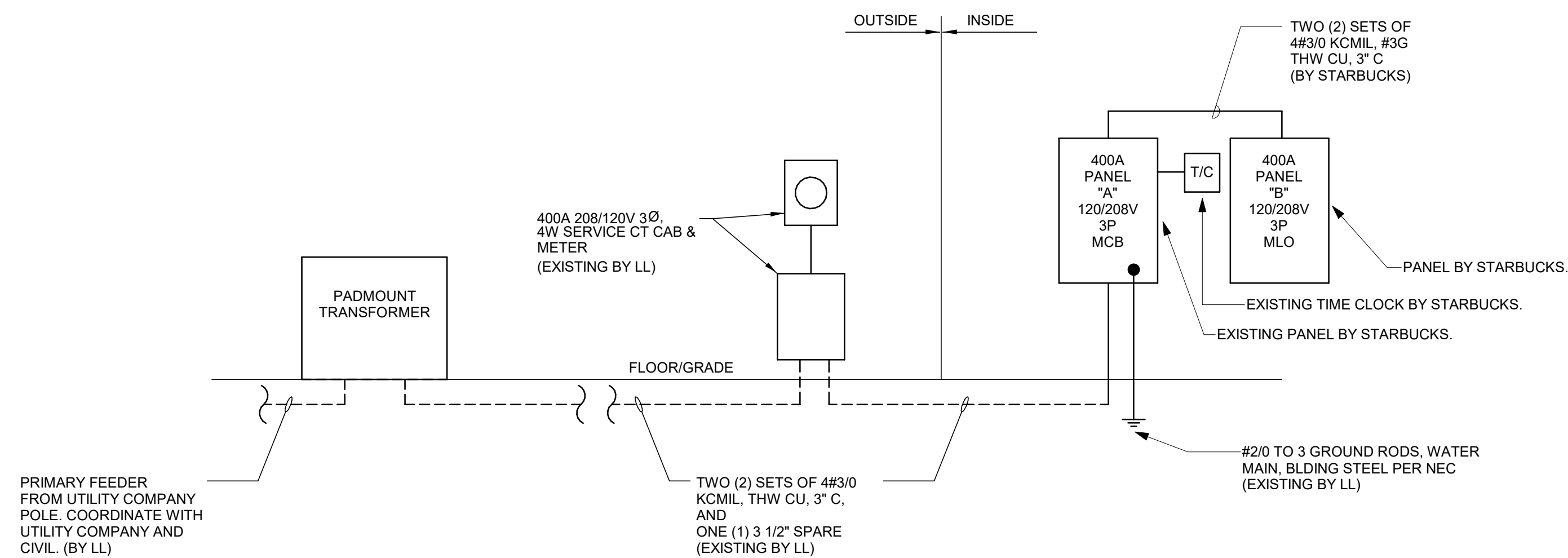
Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES	
	A	10267 - U.C REFRIGERATOR	20 A	1	500 VA	180 VA			1	20 A	RECEPS FUTURE USE	2	A
	A	3 10267 - U.C REFRIGERATOR	20 A	1		500 VA	1800...		1	20 A	12508 - BLENDER	4	A
	A	5 12508 - BLENDER	20 A	1			1800...	180 VA	1	20 A	RECEPS RINSE SINK	6	A
	A	7 19559 - NITRO GENERATOR	20 A	1	500 VA	500 VA			1	20 A	20010 - NITRO COOLER	8	A
	A	9 RECEPS FUTURE USE	20 A	1		180 VA	360 VA		1	20 A	DT POS FUTURE USE	10	A
	A	11 DT POS TENDERING REGISTER	20 A	1			360 VA	360 VA	1	20 A	WIRELESS BASE / PROCESSOR	12	A
	A	13 DT TIMER / CONTROL UNIT	20 A	1	720 VA	360 VA			1	20 A	DT ORDER MONITOR / BUMP BAR	14	A
	A	15 10267 - U.C REFRIGERATOR	20 A	1		1000...	360 VA		1	20 A	10312 - BREWER WARMING STAND (4)	16	A
	A	17 RECEPS FUTURE USE	20 A	1			180 VA	4100...	2	50 A	10746 - DUAL BREWER SOFT HEAT	18	B
	A	19 10808 - GRINDER	20 A	1	1400...	4100...			--	--		20	
	A	21 RECEPS INSTA HOT	20 A	1		1920...	180 VA		1	20 A	CUP LABELER	22	A
	A	23 12618 - U.C REFRIGERATOR	20 A	1			500 VA	3000...	2	30 A	20032 - EIKON WARMING OVEN	24	B
	B	25 20032 - EIKON WARMING OVEN	30 A	2	3000...	3000...			--	--		26	
	27	--	--	--		3000...	500 VA		1	20 A	12618 - U.C REFRIGERATOR.	28	A
	29	16238 - ZEPHYR FOOD CASE	20 A	2			500 VA	180 VA	1	20 A	RECEPS POS	30	A
	31	--	--	--	500 VA	180 VA			1	20 A	RECEPS POS	32	A
	A	33 RECEPS POS	20 A	1		360 VA	1000...		1	20 A	10267 - U.C REFRIGERATOR	34	A
	B	35 19742 - MASTRENA ESPRESSO	50 A	2			2900...	180 VA	1	20 A	CUP LABELER	36	A
	37	--	--	--	2900...	180 VA			1	20 A	CUP LABELER	38	A
	B	39 19742 - MASTRENA ESPRESSO	50 A	2			2900...	1000...	1	20 A	10267 - U.C REFRIGERATOR	40	A
	41	--	--	--			2900...	180 VA	1	20 A	CUP LABELER	42	A
	A	43 10267 - UC REFRIGERATOR	20 A	1	500 VA	180 VA			1	20 A	TICKET PRINTER	44	A
	45	PRE-MENU BOARD	20 A	1		200 VA	200 VA		1	20 A	DIGITAL ORDER SCREEN	46	
	47	MENU BOARD	20 A	1		200 VA	540 VA		1	20 A	DIRECTIONAL SIGNAGE	48	
	49	DIRECTIONAL SIGNAGE	20 A	1	180 VA	870 VA			1	20 A	CAFE LIGHTING	50	
	51	BACKBAR LIGHTING	20 A	1		1170...	573 VA		1	20 A	WORKROOM LIGHTING	52	
	53	EXTERIOR SIGNAGE	20 A	1			540 VA	900 VA	1	20 A	EXTERIOR SIGNAGE	54	
	55	PATIO RECEPT.	20 A	1	180 VA	0 VA			1	20 A	Spare	56	A
	A	57 Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	58	A
	A	59 Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	60	A
	A	61 Spare	20 A	1	0 VA	0 VA			1	20 A	Spare	62	
	63	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	64	
	65	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	66	
Total Load:					19930 VA	17203 VA	19500 VA						
Total Amps:					169 A	143 A	165 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	10260 VA	100.00%	10260 VA	
Kitchen Equipment	37160 VA	65.00%	24154 VA	Total Conn. Load: 56633 VA
Receptacle	6600 VA	100.00%	6600 VA	Total Est. Demand: 43627 VA
				Total Conn. Current: 157 A
				Total Est. Demand Current: 121 A

Notes:
1. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND SHALL CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTORS SHALL PROVIDE EQUIPMENT RATED FOR FAULT CURRENT.



NOTES:

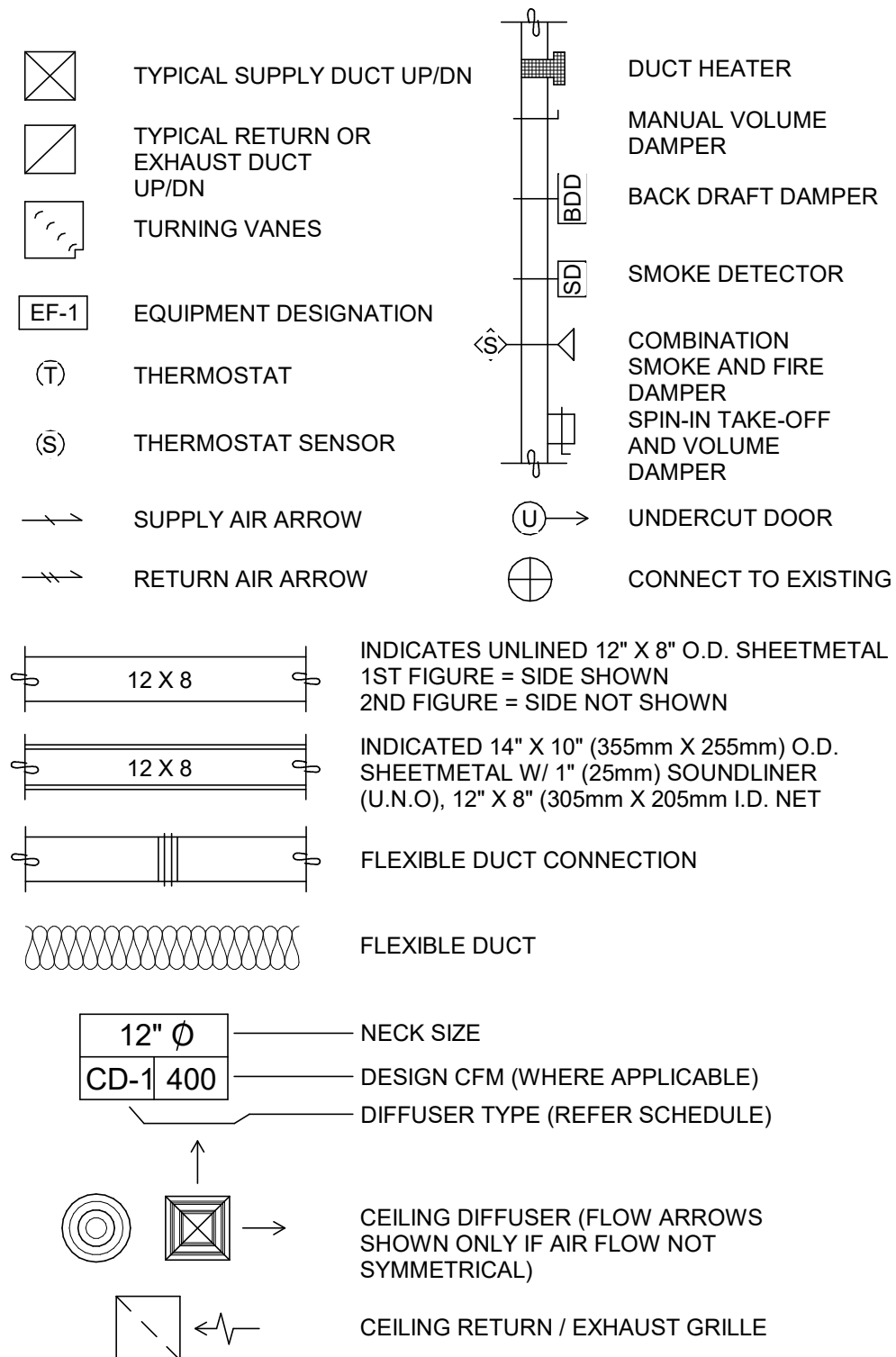
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTOR SHALL PROVIDE EQUIPMENT RATED FOR AVAILABLE FAULT CURRENT.
- CONTRACTOR SHALL COORDINATE WITH POWER COMPANY & PROVIDE CT CABINET & METER BASE PER POWER COMPANY REQUIREMENTS.
- ALL TRENCHING, BACKFILL, SITE RESTORATION AND WARNING TAPE DETECTABLE BY CONTRACTOR. VERIFY DEPTHS OF CONDUITS COMPLY WITH NEC, POWER COMPANY JURISDICTION.
- CONTRACTOR SHALL PROVIDE AN OUTDOOR DISCONNECT SWITCH IF LOCAL JURISDICTION OR POWER COMPANY REQUIRES ONE.
- CONTRACTOR SHALL PROVIDE PANELS WITH FEED THRU LUGS.

1 SINGLE-LINE DIAGRAM
Scale: NTS

ABBREVIATIONS

Table of abbreviations including AFF (Above Finished Floor), AHJ (Authorities Having Jurisdiction), BLDG (Building), CO2 (Carbon Dioxide), CD (Ceiling Diffuser), CLG (Ceiling), CONST (Construction), CXA (Commissioning Agent), DEG (Degrees), DM (Starbucks Design Manager), DN (Down), DTL (Detail), DWG(S) (Drawing(s)), EA (Each), EC (Electrical Contractor), ECP (Equipment Control PAC), EG (Exhaust Grille), ELEC (Electrical), EM (Emergency), EMS (Energy Management System), EXIST (Existing), EXT (Exterior), F&I (Furnish & Install), FOIC (Furnished by Owner, Installed by Contractor), FOIO (Furnished by Owner, Installed by Owner), FLR (Floor), FT (Foot/feet), G (Gas Piping), GC (General Contractor), HR (Hour), HVAC (Heating, Ventilation, Air Conditioning), I.D. (Inside Diameter), IQ (Indoor Air Quality), LCP (Lighting Control Panel), LL (Landlord), LV (Low Voltage), MAX (Maximum), MC (Mechanical Contractor), MECH (Mechanical), MEP (Mechanical, Electrical and Plumbing), MFG (Manufacturer), MIN (Minimum), NTS (Not to Scale), O.D. (Outside Dimension), OSA (Outside Air), REF (Reference), RECD (Required), REV (Revision), RT (Rooftop), SF (Square Feet), SHT (Sheet), SPECS (Specification(s)), SST (Stainless Steel), TEMP (Temporary), TYP (Typical), UNO (Unless Noted Otherwise), UC (Under Counter), WH (Water Heater), WSHF (Water Source Heat Pump).

MECHANICAL SYMBOL LEGEND



CONTROLS AND OPERATION NOTES

THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING COMPONENTS:

CONTROL WIRING
THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING IN CONDUIT NECESSARY FOR THE COMPLETE AND PROPER OPERATING TEMPERATURE CONTROL SYSTEM INCLUDING ALL MODES OF OPERATION AND INTERLOCK.

EXHAUST FANS
RESTROOM EXHAUST FAN(S) TO BE OPERATED IN CONJUNCTION WITH STORE HOURS UNLESS OTHERWISE NOTED OR APPROVED OR AS REQUIRED BY JURISDICTION (COORDINATE WITH ELECTRICAL).

THERMOSTAT
PERMANENT THERMOSTAT(S) AND REMOTE SENSOR(S) SHALL BE FURNISHED AND INSTALLED. ONE THERMOSTAT AND SENSOR IS PROVIDED FOR EACH UNIT. MOUNT THERMOSTAT(S) AND SENSOR(S) IN LOCATION & HEIGHT AS INDICATED ON DRAWINGS. MECHANICAL CONTRACTOR TO PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS. REFER TO THERMOSTAT SETUP INSTRUCTIONS BELOW FOR ADDITIONAL REQUIREMENTS.

THERMOSTAT SETUP INSTRUCTIONS
PROVIDE THE FOLLOWING SETUP AND PROGRAMMING:
1. CONFIGURE AS FOLLOWS:
A. DEGREES °F DISPLAY
B. 12 HOUR CLOCK
C. CONTINUOUS FAN OPERATION IN OCCUPIED MODE
D. DISABLE KEYBOARD PROGRAMMING
2. SET TIME AND DATE
3. SET TO DISPLAY CURRENT TEMPERATURE
4. SET OCCUPIED START TIME AT 30 MIN. BEFORE OPENING. SET UNOCCUPIED START TIME AT 30 MIN. AFTER CLOSING. VERIFY HOURS WITH STORE MANAGER OR CONSTRUCTION MANAGER.
5. SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
A. OCCUPIED (5° F DEADBAND) (3° C DEADBAND)
I. HEATING: 70° F (21° C)
II. COOLING: 75° F (24° C)
B. UNOCCUPIED
I. HEATING: 60° F (15° C)
II. COOLING: 78° F (25° C)
6. SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
A. HEATING: +2° F (1° C)
B. COOLING: -2° F (1° C)

DEMAND CONTROL VENTILATION (DCV)
THE CO2 SENSOR SHALL MODULATE THE AIR HANDLING UNIT OUTSIDE AIR DAMPER TO MAINTAIN 1000 PPM CO2 OR LESS
OCCUPIED MODE:
1. FAN SHALL RUN CONTINUOUSLY WHILE BRINGING IN MINIMUM DCV OUTSIDE AIR AS INDICATED IN SCHEDULE.
2. IF CO2 SENSOR SET POINT IS BELOW THE SETPOINT, THE AIR DAMPER SHALL BE OPEN TO THE CALCULATED DCV MINIMUM OUTSIDE AIR.
3. IF CO2 SENSOR SETPOINT IS EXCEEDED, OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN 1000 PPM NOT TO EXCEED THE CALCULATED DESIGN MINIMUM OUTSIDE AIR. UPON CO2 PPM FALLING BELOW THE SETPOINT OF 1000 PPM, THE AIR DAMPER SHALL RETURN TO DCV MINIMUM OUTSIDE AIR.
4. THE ECONOMIZER SHALL HAVE PRIORITY OVER THE DCV CONTROLS. OUTSIDE AIR MAY EXCEED DCV MINIMUM AND DESIGN MINIMUM WHEN AIR CONDITIONS ARE APPROPRIATE TO DO SO.
UNOCCUPIED MODE:
1. FAN SHALL CYCLE WITH HEATING AND OUTSIDE AIR DAMPER CLOSED. OUTSIDE DAMPER SHALL NOT BE CYCLED WITH CO2 PPM SETPOINT.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING
CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:
1. SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES.
2. PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA.
3. CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS.

CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS AND AIR CURTAINS.
B. CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.

C. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.
D. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

E. CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.
F. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS IS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

G. ALL HVAC EXHAUST FAN AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA. IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC... TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

H. PROVIDE A LIST OF ALL FACTORY AND FIELD SETTINGS THAT HAVE BEEN PROGRAMMED INTO THE EQUIPMENT (SUCH AS SETPOINTS, SCHEDULES, DIP SWITCH SETTINGS, CONDENSER AND EVAPORATOR OPERATING PRESSURE/TEMPERATURE, ETC...).

I. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. THIS INCLUDES REHEARSING ALL FUNCTIONAL PERFORMANCE TESTS BEFORE DEMONSTRATING TO THE CXA. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATING THE CORRECT OPERATION OF EQUIPMENT. SENSOR CALIBRATION, RESPONSE OF ACTUATORS AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES INCLUDING BUT NOT LIMITED TO AIR MOVEMENT, TEMPERATURE, SOUND AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC... DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

J. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

K. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST SHALL CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

L. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

SYSTEM COMMISSIONING (continued)

M. CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING) FOR THE CXA'S APPROVAL. THE TRAINING PLAN SHALL OUTLINE ALL THE TOPICS THAT ARE TO BE COVERED ALONG WITH THE TIME DURATION FOR EACH TOPIC. IT SHALL ALSO INCLUDE THE INSTRUCTOR'S NAME, QUALIFICATIONS AND COMPANY LOGO.
N. THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.
O. CONTRACTOR SHALL SUBMIT O&M MANUALS FOR ALL PIECES OF EQUIPMENT AT LEAST 6 WEEKS IN ADVANCE OF THE TRAINING SESSIONS.

HVAC EQUIPMENT AND MATERIALS

FILTERS
IF OPERATING HVAC DURING CONSTRUCTION, PROVIDE THREE (3) SETS OF 2" (51MM) MERV6 BLEND DISPOSABLE FILTERS (OR HIGHER RATING IF REQUIRED BY LEED). USE ONE SET UNTIL COMPLETION OF CONSTRUCTION. INSTALL ONE SET AT COMPLETION OF CONSTRUCTION (PRIOR TO TAB) AND DELIVER ONE SET OF MERV13 FILTERS TO STARBUCKS LABELED TO DENOTE THEIR RESPECTIVE AIR HANDLING UNIT.

BRACING AND ANCHORING
ALL MECHANICAL EQUIPMENT, FIXED OR FLEXIBLY MOUNTED, SHALL BE BRACED OR ANCHORED TO COMPLY WITH LOCAL CODES.

DUCTWORK AND ACCESSORIES

SHEET METAL DUCTWORK
ASSEMBLE AND INSTALL DUCTWORK IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICE FOR ACHIEVING AIR TIGHT (5% LEAKAGE) AND NOISELESS (NO OBJECTIONABLE NOISE) SYSTEMS. NO VARIATION OF DUCT CONFIGURATION OR SIZES WILL BE PERMITTED EXCEPT BY PERMISSION FROM THE ENGINEER.

DAMPERS
PROVIDE CONVENIENTLY LOCATED ACCESS DOORS OF AMPLE SIZE AND QUANTITY FOR SERVICING THE DAMPERS. PROVIDE MOTORIZED DAMPERS AT ALL INTAKE & EXHAUST BUILDING OPENINGS. COORDINATE WITH OTHER TRADES FOR ACCESS PANELS, POWER AND FIRE ALARM INTERFACES. SEE PROJECT MANUAL.

ACOUSTICAL DUCT LINER
UNLESS OTHERWISE INDICATED ON THE PLANS, PROVIDE 1" (25MM) ACOUSTICAL DUCT LINER IN SUPPLY AND RETURN DUCTWORK WITHIN 10'-0" (305CM) OF THE DISCHARGE AND INTAKE OF AIR HANDLING UNITS. INCREASE DUCT SIZE INDICATED ON PLANS AS NEEDED TO ACCOMMODATE LINER. LINER TO BE PROVIDED AND FASTENED TO DUCT WITH MECHANICAL LINER FASTENERS IN ACCORDANCE WITH SMACNA AND PROJECT MANUAL.

FLEXIBLE DUCTWORK
FLEXIBLE DUCT WORK SHALL ONLY BE INSTALLED AS SHOWN IN PLAN AND NOT ABOVE HARD LID CEILINGS. FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" (152CM) IN LENGTH AND TWO 45° ELBOWS. IT SHALL BE PULLED TAUT AND APPROPRIATELY FASTENED TO RIGID BRANCH DUCT & DIFFUSER. BENDS SHALL BE MINIMIZED AND WHERE NEEDED BE A FULL RADIUS BEND. SUPPORT BANDS SHALL BE INSTALLED SO AS TO NOT CRIMP FLEX DUCT. FLEXIBLE DUCTWORK SHALL MEET REQUIREMENTS.

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED BY NEBB OR AABC STANDARDS. BALANCER SHALL ACCURATELY BALANCE THE SUPPLY, RETURN AND OUTSIDE AIR, EXHAUST FANS), HYDRONIC (WHERE APPLICABLE) AND EXHAUST FAN(S) SYSTEMS TO PROVIDE AIR AND WATER QUANTITIES WITHIN 10% PLUS MINUS OF THE VALUES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS UNLESS MANUFACTURER REQUIRES TIGHTER TOLERANCES. OPERATE AUTOMATIC CONTROLS SYSTEMS AND VERIFY SETPOINTS FOR THERMOSTATS, CO2 SENSORS, DCV, EMS AND ECONOMIZER/OUTSIDE AIR DAMPER. SEE CONTROLS AND OPERATION NOTES AND HVAC SCHEDULES AND NOTES FOR DETAILS. IF DEFICIENCIES OR SITE CONDITIONS PREVENT COMPLETE AND PROPER BALANCING, DO NOT COMPLETE WORK AND SUBMIT A REQUEST FOR INFORMATION TO GET COMPLETE INFORMATION PRIOR TO COMPLETING WORK. SUBMIT THREE (3) COPIES OF THE BALANCE REPORT TO THE ENGINEER, CONSTRUCTION MANAGER AND COMMISSIONING AGENT FOR APPROVAL. THE BALANCE REPORT SHALL INCLUDE NEBB OR AABC CREDENTIALS, EQUIPMENT/INSTRUMENT LIST WITH THE MOST RECENT CALIBRATION DATE AND BALANCE REPORTS FOR ALL HVAC AND EXHAUST SYSTEMS. T&B REPORT SHOULD MATCH NEBB OR AABC STANDARD REPORTS INCLUDING UNIT TEST DATA WITH TEMPERATURES, PRESSURES AND STATIC PRESSURE PROFILES. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.

IAQ MANAGEMENT PLAN

DURING CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH CHAPTER 3 OF SMACNA'S IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER PERFORMANCE TESTING PROCESS. CONTRACTOR SHALL PERFORM AND SUBMIT ALL INFORMATION AS REQUIRED. IF HVAC SYSTEM IS TO BE USED DURING CONSTRUCTION, INSTALL MERV 8 FILTERS AT EACH RETURN AIR GRILL AND COMPLY WITH SMACNA'S GUIDELINES.

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL (OR DEMO AND REINSTALL FOR RENOVATIONS) THE VENSTAR SURVEYOR EMS SYSTEMS PRIOR TO THE LAST WEEK OF CONSTRUCTION. MECHANICAL CONTRACTOR TO INSTALL ONE PERMANENT THERMOSTAT AND REMOTE SENSOR PER HVAC UNIT, AS PROVIDED BY VENSTAR. LOCATE AND MOUNT THERMOSTAT(S) AND SENSOR(S) PER THE DRAWINGS. INSTALL THERMOSTAT IDENTIFICATION LABELS PER VENSTAR SPECIFICATIONS.

MECHANICAL CONTRACTOR TO COMPLETE FINAL CONNECTIONS FROM SURVEYOR DATA CONCENTRATOR TO STORE ROUTER PRIOR TO CONTACTING VENSTAR (618-612-9612). VENSTAR TO PROGRAM THE HVAC AND/OR LIGHTING CONTROLS WITH STANDARD STARBUCKS SETTINGS. FOR ASSISTANCE WITH OR TROUBLESHOOTING OF THE SURVEYOR CONTROLS, CONTACT VENSTAR.

GENERAL MECHANICAL NOTES

- 1. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH & INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
4. THE MECHANICAL CONTRACTOR SHALL COORDINATE HVAC WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL FOR DIMENSIONED DIFFUSER LOCATIONS AND MOUNTING HEIGHTS WHERE EXPOSED.
5. NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.
6. INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS. COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
7. ALL IS NEW UNLESS NOTED OTHERWISE.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL MECHANICAL SYSTEM. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE MECHANICAL WORK.

SITE EXAMINATION
THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.

PENETRATIONS
WHERE PIPES AND DUCTS PENETRATE WALL, SEAL OPENINGS TO PREVENT AIR TRANSFER BETWEEN SPACES. USE FIRE RATED SEALANTS ON ALL FIRE SEPARATION PENETRATIONS, INCLUDING FLOORS. SEAL AROUND ALL PIPES AND DUCTS PENETRATING FIRE SEPARATIONS WITH NON-COMBUSTIBLE PACKING RETAINED BY METAL COLLARS. THE ASSEMBLY SHALL BE APPROVED BY STATE FIRE MARSHALL.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, UL, ARL, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND PROJECT MANUAL AND THE CODES AND ORDINANCES, USE WHICHEVER IS MORE STRINGENT. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK.

WARRANTY
THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE GENERAL CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER), LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.



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STARBUCKS TEMPLATE VERSION: i2021-01-22

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GPD PROJECT NO: 2020261.36

Professional Engineer Seal
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 41099
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL
PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

Table with columns: STORE #, PROJECT #, ISSUE DATE, DESIGN MANAGER, PRODUCTION DESIGNER, CHECKED BY.

Table with columns: Rev, Date, By, Description for Revision Schedule.

SHEET TITLE: MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER: M001

MECHANICAL SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
HVAC UNIT AND CURB ADAPTER	X	
STRUCTURAL CURB	X	
HVAC UNIT ECONOMIZERS AND RELIEF	X	
SMOKE DETECTORS IN DUCTWORK AND INTERLOCK		X
THERMOSTATS AND CONTROLS		X
EMS CONTROLS		X
MOTORIZED DAMPERS FOR BACKDRAFT	X	
EXHAUST FAN, CURB AND MOTORIZED DAMPER	X	
DUCTWORK 12" OR LARGER		X
DUCTWORK 10" OR SMALLER		X
MOTORIZED DAMPERS FOR CONNECTIONS	X	
GAS SERVICE AND METER	X	
GAS PIPING TO SPACE	X	
GAS PIPING TO HOT WATER TANK		X
GAS PIPING TO HVAC UNITS		X
LOUVERS FOR INTAKES, EXHAUST AND PRESSURE RELIEF	X	

KEYED NOTES

- ROUTE 32"x18" SUPPLY AND 32"x18" RETURN DUCT UP THROUGH ROOF AND CONNECT TO RTU-1. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT. PROVIDE WITH FLEXIBLE DUCT CONNECTION TO UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. COORDINATE EXACT LOCATION PRIOR TO START OF ANY WORK. ENSURE SUPPLY AND RETURN DUCTS PENETRATE ROOF BETWEEN TRUSSES AND THE OUTSIDE AIR INTAKE IS LOCATED 10FT FROM ANY VENT.
- ROUTE 32"x18" SUPPLY AND RETURN DUCT UP THROUGH ROOF AND CONNECT TO RTU-2. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT. PROVIDE WITH FLEXIBLE DUCT CONNECTION TO UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. COORDINATE EXACT LOCATION PRIOR TO START OF ANY WORK. ENSURE SUPPLY AND RETURN DUCTS PENETRATE ROOF BETWEEN TRUSSES AND THE OUTSIDE AIR INTAKE IS LOCATED 10FT FROM ANY VENT.
- ROUTE 10"x10" EXHAUST DUCT UP THROUGH ROOF AND CONNECT TO EXHAUST FAN. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. EXHAUST FAN SHALL RUN CONTINUOUSLY WHEN STORE IS OCCUPIED AND SHALL TURN OFF WHEN STORE IS NOT OCCUPIED. EXHAUST FAN CONTROL SHALL BE ACCOMPLISHED WITH LCP. COORDINATE WITH ELECTRICAL, SEE SCHEDULE FOR SIZE.
- WALL MOUNTED THERMOSTAT FOR RTU-1, AND RTU-2 AT 48" A.F.F. THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE WITH NIGHT SETBACK AND A MINIMUM 5 DEGREE DEADBAND. CONFIRM HEIGHT COMPLIES WITH BARRIER FREE, AND ALL OTHER LOCAL REQUIREMENTS. MULTIPLE THERMOSTATS SHALL BE STACKED IN A VERTICAL CONFIGURATION WITH A MINIMUM OF 8" CLEARANCE BELOW EACH THERMOSTAT. LABEL EACH THERMOSTAT TO THEIR RESPECTIVE UNIT. THERMOSTATS AND ALL ASSOCIATED EQUIPMENT SHALL BE INSTALLED BY GENERAL CONTRACTOR.
- REMOTE TEMPERATURE SENSOR AT 60" A.F.F. ON WALL.
- MANUAL BALANCING DAMPER (TYPICAL). DAMPERS SHALL NOT BE INSTALLED AT THE GRILLE/NECK UNLESS SHOWN.
- CO2 SENSOR LOCATED AT 60" A.F.F. ON WALL. INTERLOCK WITH RESPECTIVE HVAC UNIT AND SEE M001 FOR FURTHER INFORMATION. COORDINATE CONTROLS WITH HVAC UNIT AND PROVIDE ADDITIONAL CONTROL COMPONENTS AS MAY BE NEEDED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- CO2 ALARM SHALL BE MOUNTED AT 48" A.F.F. NEXT TO MANAGER'S STATION, COORDINATE WITH ELECTRICAL FOR POWER RECEPTACLE.
- PROVIDE AND INSTALL DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR PLENUM. INTERLOCK SMOKE DETECTOR WITH RESPECTIVE RTU TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. COORDINATE WITH ELECTRICAL AND SEE POWER SHEETS FOR FURTHER REQUIREMENTS AND REMOTE ANNUNCIATOR. INTERCONNECT WITH CENTRAL SYSTEM IF APPLICABLE. (SEE DETAIL).
- TURN RETURN DUCT IN JOIST SPACE WITH 90° ELBOW.
- VENT TO WATER HEATER. LOCATE A CODE MINIMUM DISTANCE AWAY FOR OUTSIDE AIR INTAKES AND PARAPET ON ROOF. OFFSET AS NEEDED. IF ADDITIONAL SEPARATION IS NEEDED, EXTEND FLUE TO 3 FT ABOVE INTAKE OR PER AHJ.
- ROUTE 1" GAS PIPING DOWN FROM CEILING SPACE AND CONNECT TO WATER HEATER. PROVIDE AND INSTALL GAS SHUT-OFF VALVE AND 6" DIRT LEG, AND UNION PRIOR TO FINAL CONNECTION. SEE SHEET M102 FOR MORE INFORMATION.
- CARBON MONOXIDE SENSOR LOCATED AT 60" A.F.F. ON WALL. INTERLOCK WITH RESPECTIVE HVAC UNIT AND SEE M001 FOR FURTHER INFORMATION. COORDINATE CONTROLS WITH HVAC UNIT AND PROVIDE ADDITIONAL CONTROL COMPONENTS AS MAY BE NEEDED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- CARBON MONOXIDE ALARM SHALL BE MOUNTED AT 48" A.F.F. NEXT TO MANAGER'S STATION, COORDINATE WITH ELECTRICAL FOR POWER RECEPTACLE.
- DUCT SHALL BE MOUNTED AS HIGH AS POSSIBLE.
- YOUNG REGULATOR MODEL 5020CC DAMPER AND 270-275 REMOTE CABLE OPERATOR. REMOTE CABLE OPERATOR SHALL BE FASTENED TO THE INSIDE OF LINEAR SLOT DIFFUSER PLENUM WITHIN AIRSTREAM. REMOTE CABLE SHALL BE ACCESSIBLE FROM DIFFUSER SLOT. PROVIDE YOUNG REGULATOR MODEL 030 WRENCH TO OPERATE ASSOCIATED DAMPER. SEE DETAIL M501

GENERAL NOTES

- SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.
- SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER & EXPOSED DUCT LOCATIONS.
- DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.
- REFERENCE LANDLORD WORK LETTER FOR DIVISION OF MECHANICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.



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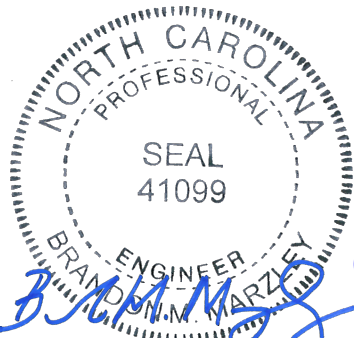
STARBUCKS TEMPLATE VERSION: i2021-01-22



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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
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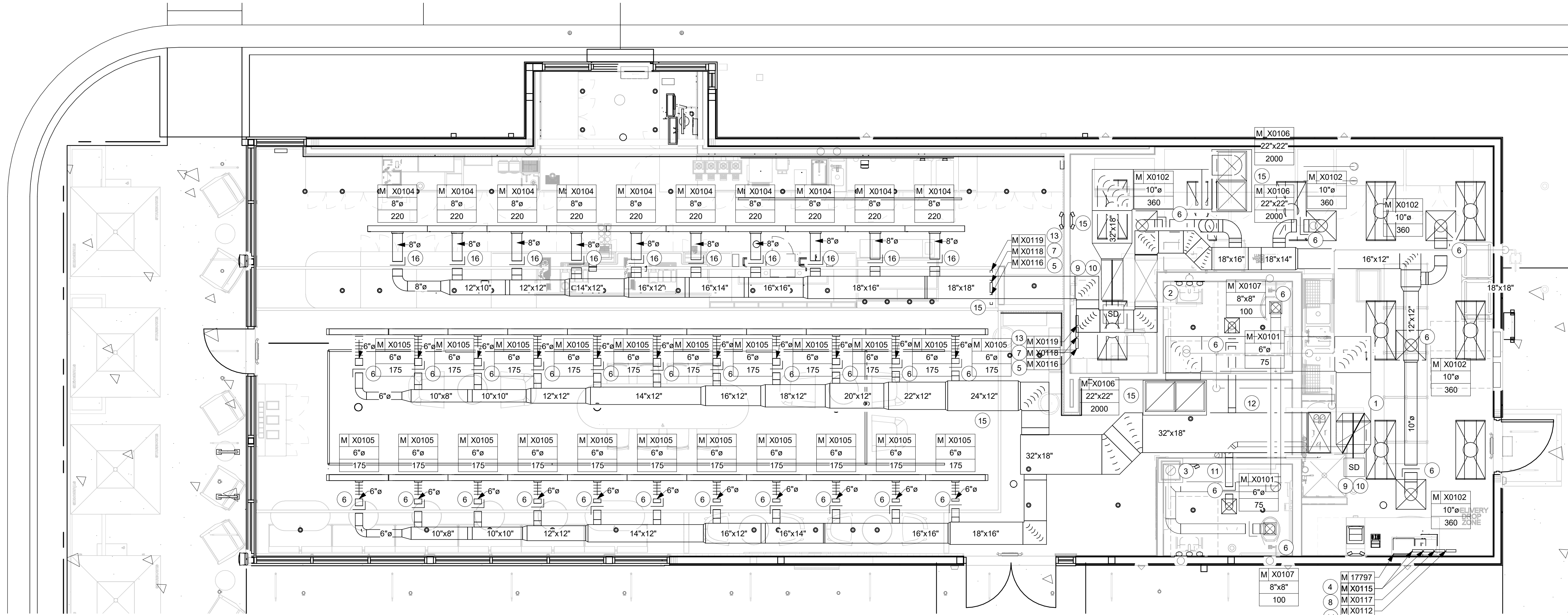
STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DESIGN PLAN

SCALE: AS SHOWN

SHEET NUMBER:
M101



1 1ST FLOOR - MECHANICAL DESIGN PLAN

Scale: 1/4" = 1'-0"

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MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0112	1	CO ALARM	SB	GC	CARBON MONOXIDE ALARM - MODEL GE NX-8
X0114	1	ICE MACHINE REMOTE CONDENSER	SB	GC	SUPPLY PER ICE MACHINE MANUFACTURER'S SPECIFICATIONS
X0115	2	THERMOSTAT	SB	GC	HONEYWELL TH8320U, PROGRAMABLE THERMOSTAT
X0116	2	REMOTE TEMPERATURE SENSOR	SB	GC	HONEYWELL C7189U1005
X0117	1	CO2 ALARM/SENSOR	SB	GC	CO2 MEASUREMENT SPECIALIST, RAD-0102-6 CO2 ALARM, WALL MOUNTED WITH LCD DISPLAY, DIGITAL DISPLAY ALARM INDICATION AND AUDIBLE WARNING ON HIGH ALARM POINT
X0118	2	CO2 SENSOR	SB	GC	HONEYWELL C7232A WALL MOUNTED SENSOR WITH LCD DISPLAY
X0119	2	CO SENSOR	SB	GC	CARBON MONOXIDE SENSOR - MODEL GE260
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	GC TO COORDINATE WITH SB VENDOR
RTU-1	1	PACKAGED ROOFTOP UNITS	LL	LL	TRANE YHC120F, 10 TON NOM. CAPACITY, 114.5 TOTAL/90.3 SENSIBLE MBH, 4000 CFM @ 1.0 ESP MAX., 208v/3PH, MCA=48, MOCP=60, EER=12.4, IEER=15.2, 250 MBH INPUT, AFUE=80%, UNIT WEIGHT (INCL. CURB)=1,500 LBS., 410a, ECONOMIZER AND BAROMETRIC RELIEF. BALANCE TO OUTDOOR AIR SHOWN IN VENTILATION AIR CALCULATION SCHEDULE THIS SHEET.
RTU-2	1	PACKAGED ROOFTOP UNITS	LL	LL	TRANE YHC120F, 10 TON NOM. CAPACITY, 114.5 TOTAL/90.3 SENSIBLE MBH, 4000 CFM @ 1.0 ESP MAX., 208v/3PH, MCA=48, MOCP=60, EER=12.4, IEER=15.2, 250 MBH INPUT, AFUE=80%, UNIT WEIGHT (INCL. CURB)=1,500 LBS., 410a, ECONOMIZER AND BAROMETRIC RELIEF. BALANCE TO OUTDOOR AIR SHOWN IN VENTILATION AIR CALCULATION SCHEDULE THIS SHEET.
10632	1	RESTROOM EXHAUST	LL	LL	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE WEIGHT = 39LBS
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	LL	LL	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)

KEYED NOTES

- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL MECHANICAL EQUIPMENT.
- ROOFTOP AC UNIT PROVIDED AND INSTALLED BY LANDLORD, VERIFY EXACT LOCATION PRIOR TO START OF ANY WORK, VERIFY THAT OUTSIDE AIR INTAKE IS LOCATED A MINIMUM OF 10'-0" FROM ANY VENT OR EXHAUST OPENINGS.
- REFER TO DETAILS ON SHEET M501 FOR FURTHER INFORMATION.
- ICE MACHINE, CONTRACTOR SHALL PROVIDE AND INSTALL PRECHARGED REFRIGERANT LINES FROM ICE MACHINE TO REMOTE CONDENSER, SIZED PER MANUFACTURER'S REQUIREMENTS, COORDINATE WITH G.C. FOR EXACT LOCATION AND SUPPORT OF CONDENSER. REFER TO DETAILS ON SHEET M501 FOR FURTHER INFORMATION. ROOF PENETRATIONS SHALL BE PROVIDED BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
- 10'-0" CLEARANCE FOR OUTSIDE AIR INTAKE.
- 3" VENT THROUGH ROOF. REFER TO PLUMBING PLANS FOR CONTINUATION. ROOF PENETRATIONS SHALL BE PROVIDED BY LANDLORD'S ROOFING CONTRACTOR. LANDLORD'S ROOFING CONTRACTOR SHALL MAKE ALL PENETRATIONS WEATHER TIGHT.
- ROOFTOP EXHAUST FAN PROVIDED AND INSTALLED BY LANDLORD, VERIFY EXACT LOCATION PRIOR TO START OF ANY WORK. ROOF CURB SHALL BE INSTALLED AND MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. VERIFY THAT DISCHARGE IS LOCATED A MINIMUM OF 10'-0" FROM ANY OUTDOOR INTAKES.
- VENT FOR WATER HEATER, ROOF PENETRATIONS SHALL BE MADE BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
- CONTRACTOR SHALL CONNECT 1" GAS LINE TO ROOFTOP UNIT, CONTRACTOR SHALL PROVIDE GAS SHUT-OFF VALVE, 6" DIRT LEG, AND UNION PRIOR TO FINAL CONNECTION.
- 1" GAS PIPING DOWN THRU ROOF FOR WATER HEATER. SEE SHEET M101 FOR MORE INFORMATION. ROOF PENETRATIONS SHALL BE BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
- REFRIGERATION PIPING FROM ICE MACHINE CONDENSING UNIT. EXTEND REFRIGERATION PIPING AS SHOWN DOWN THRU ROOF FOR CONNECTION TO ICE MACHINE PER MANUFACTURER RECOMMENDATIONS. REFRIGERATION LINES TO BE INSTALLED BY STARBUCKS GENERAL CONTRACTOR.



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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

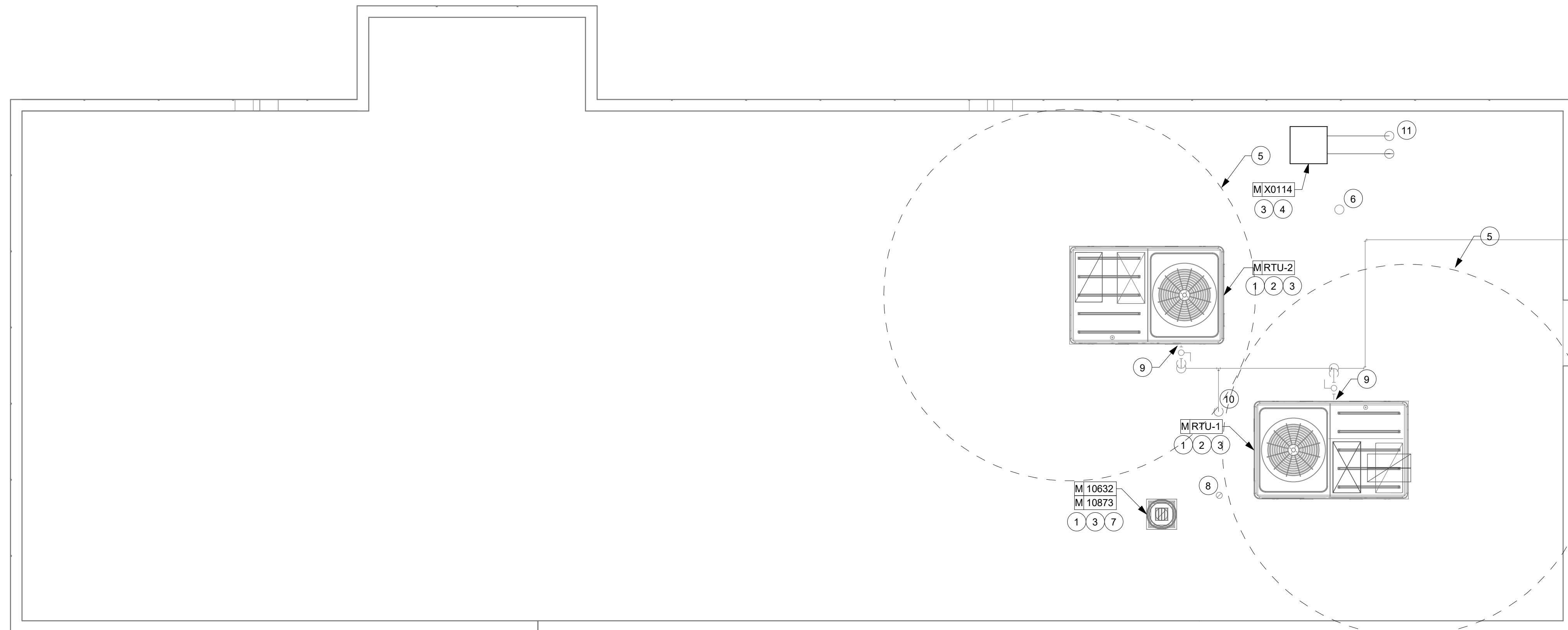
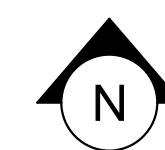
PROJECT ADDRESS:
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CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL ROOF PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M102



1 1ST FLOOR - MECHANICAL ROOF PLAN
Scale: 1/4" = 1'-0"



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HWY 24 & BRINKLEY HILL

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CAMERON, NC 28326**

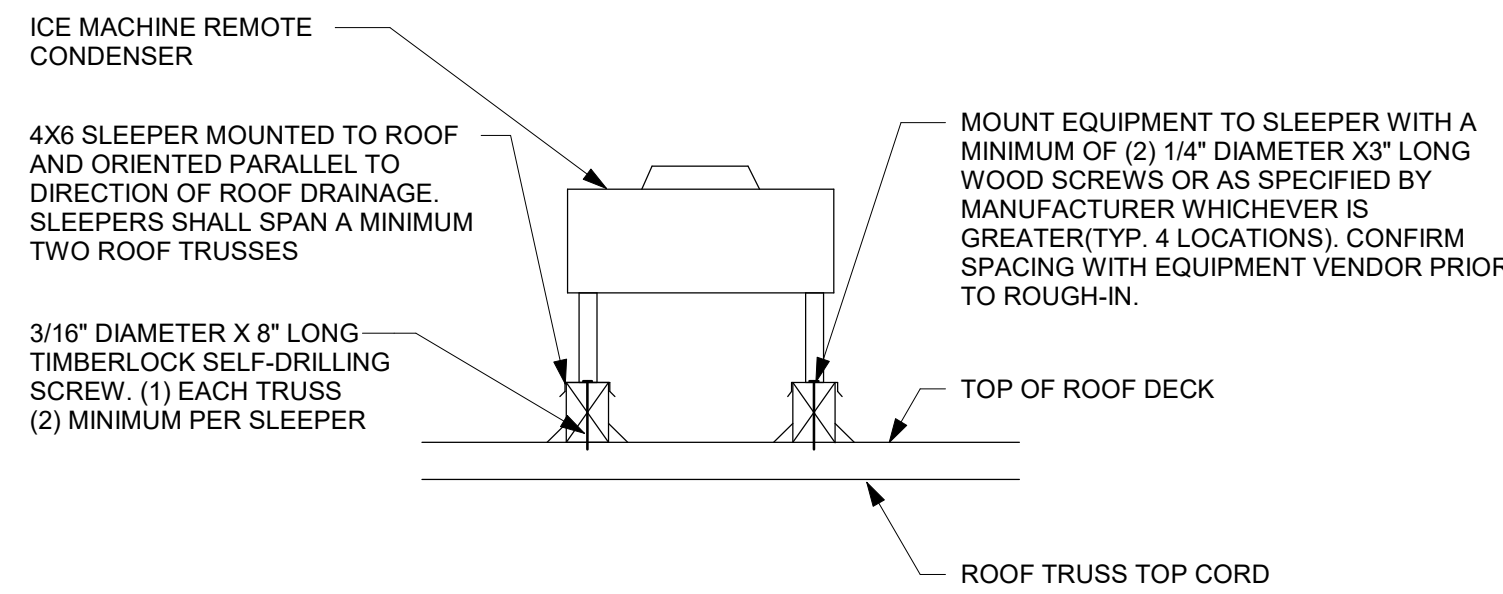
STORE #: 59763
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ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
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CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DETAILS

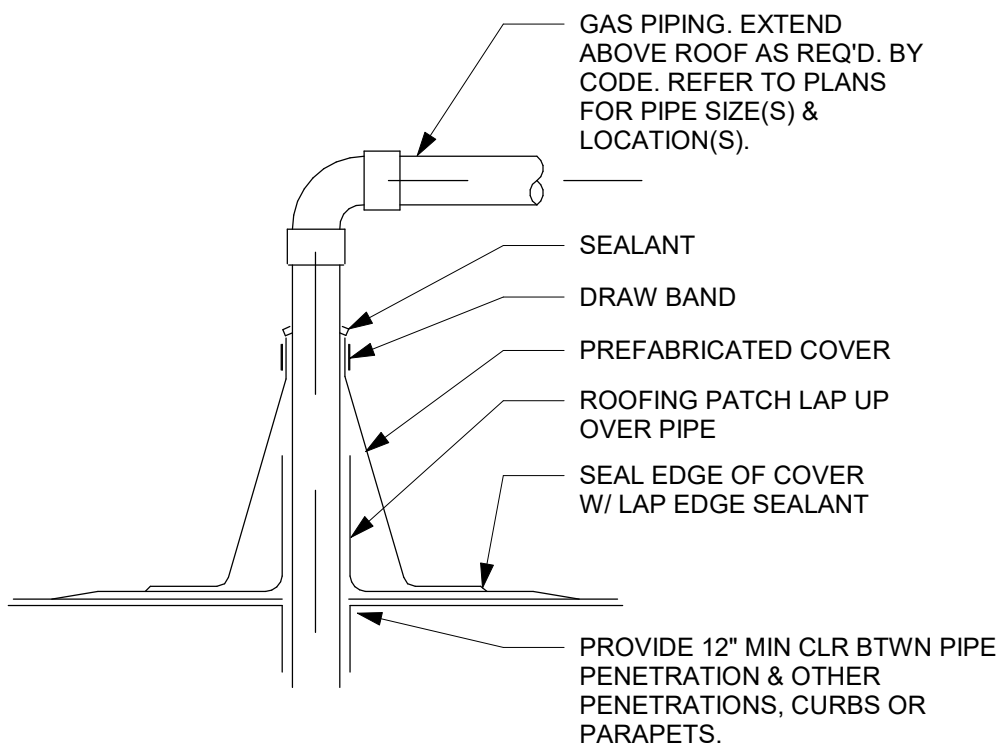
SCALE: AS SHOWN

SHEET NUMBER:
M501



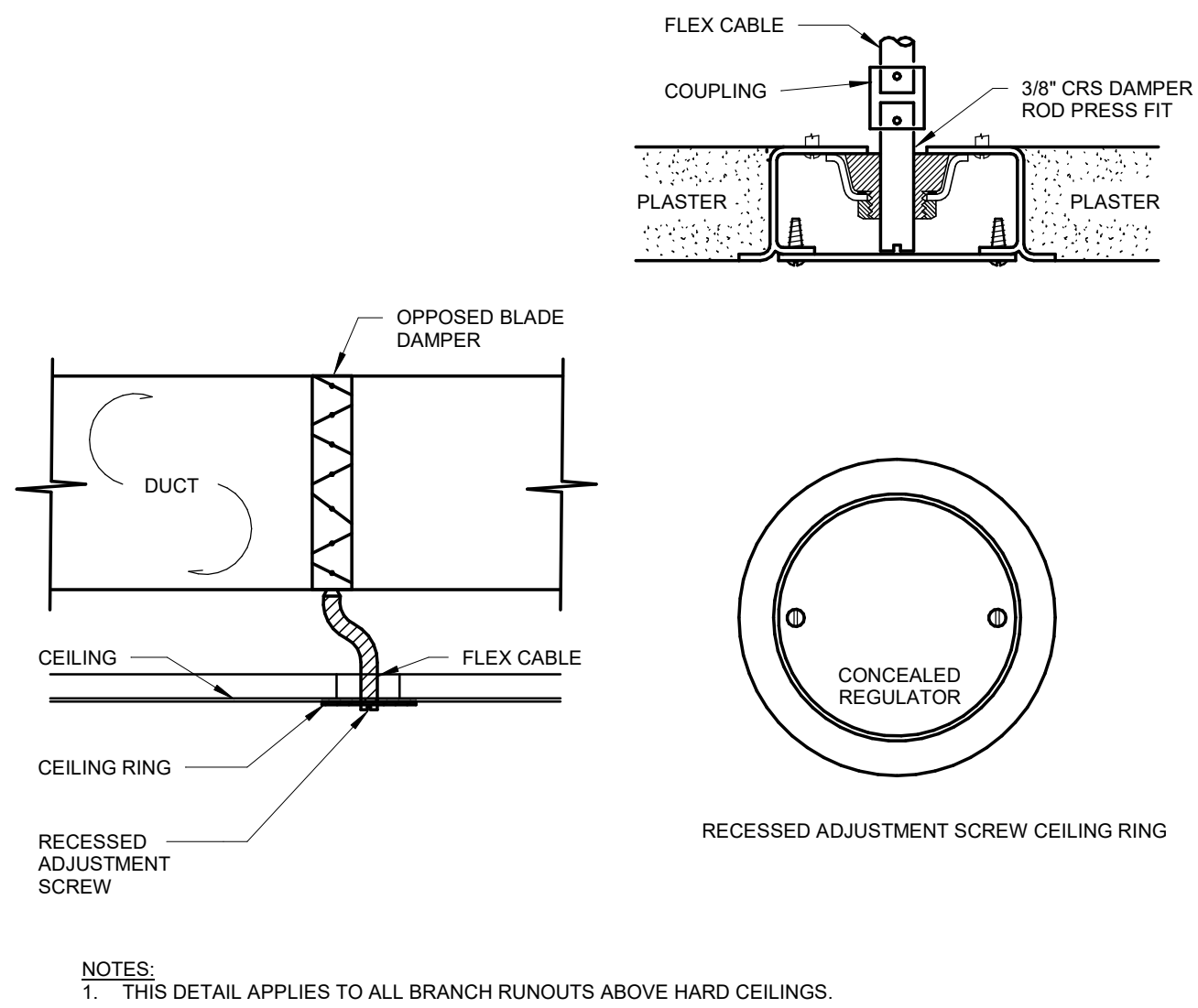
1 EQUIPMENT SUPPORT DETAIL1

Scale: NTS



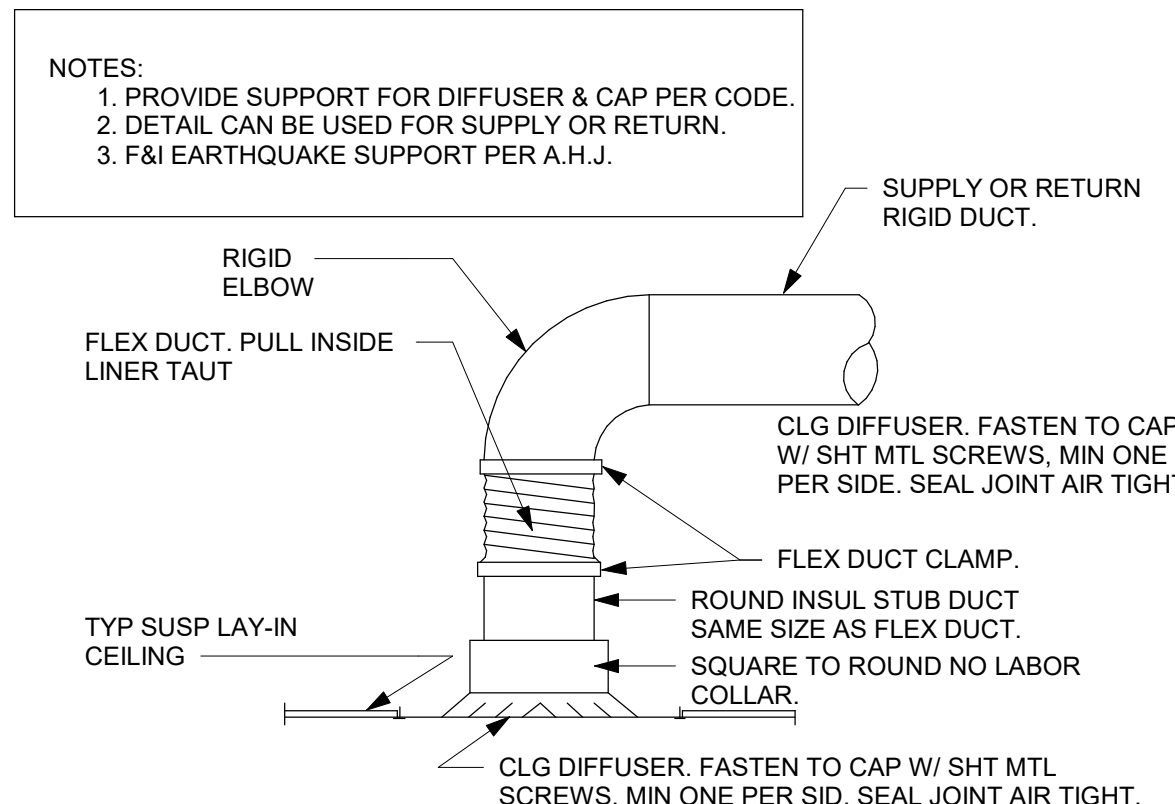
4 PIPE/ROOF PENETRATION DETAIL

Scale: NTS



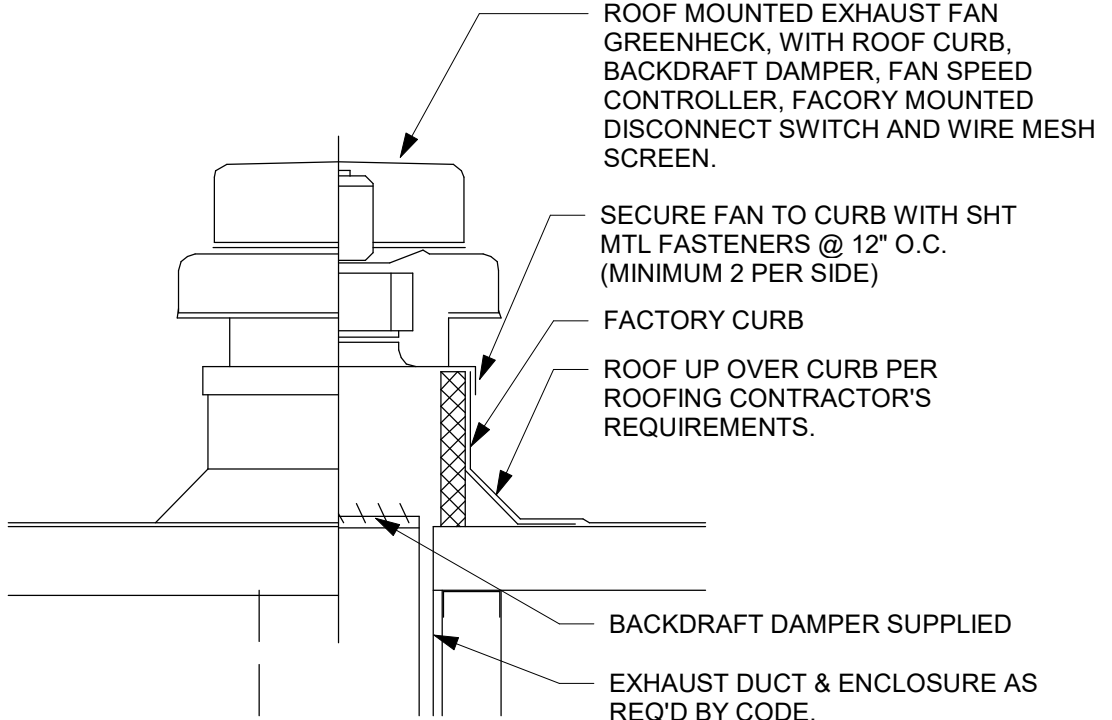
7 REMOTELY ADJUSTABLE BALANCING DAMPER DETAIL

Scale: 1/8" = 1'-0"



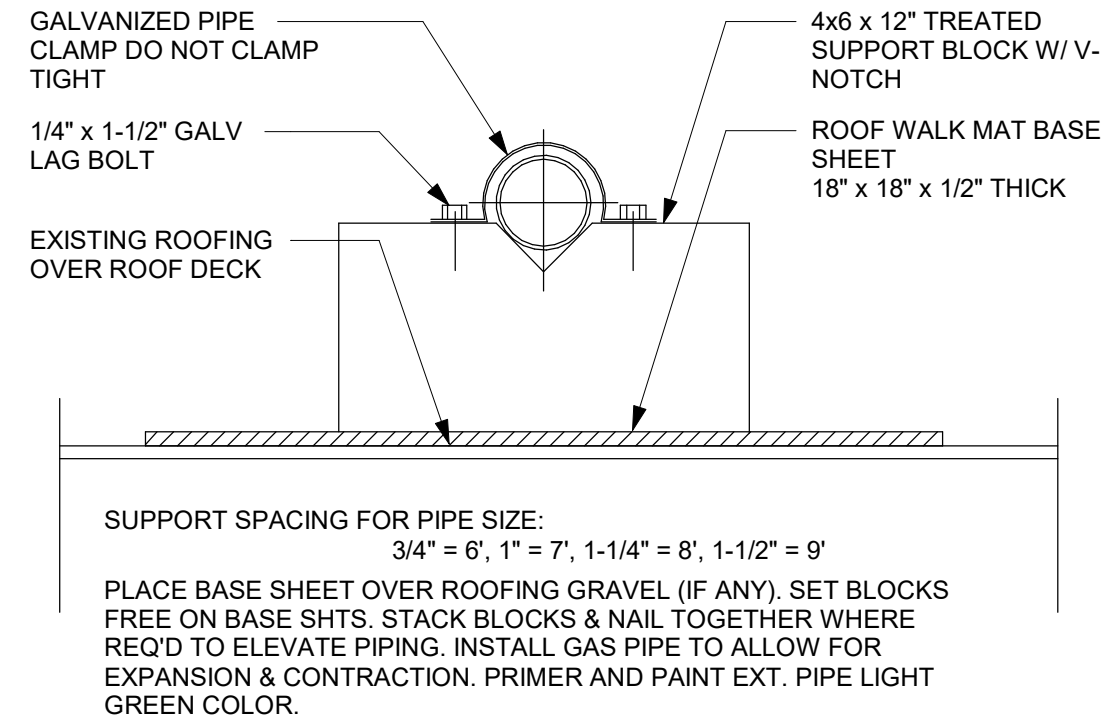
2 LAY-IN CLG DIFFUSER DETAIL

Scale: NTS



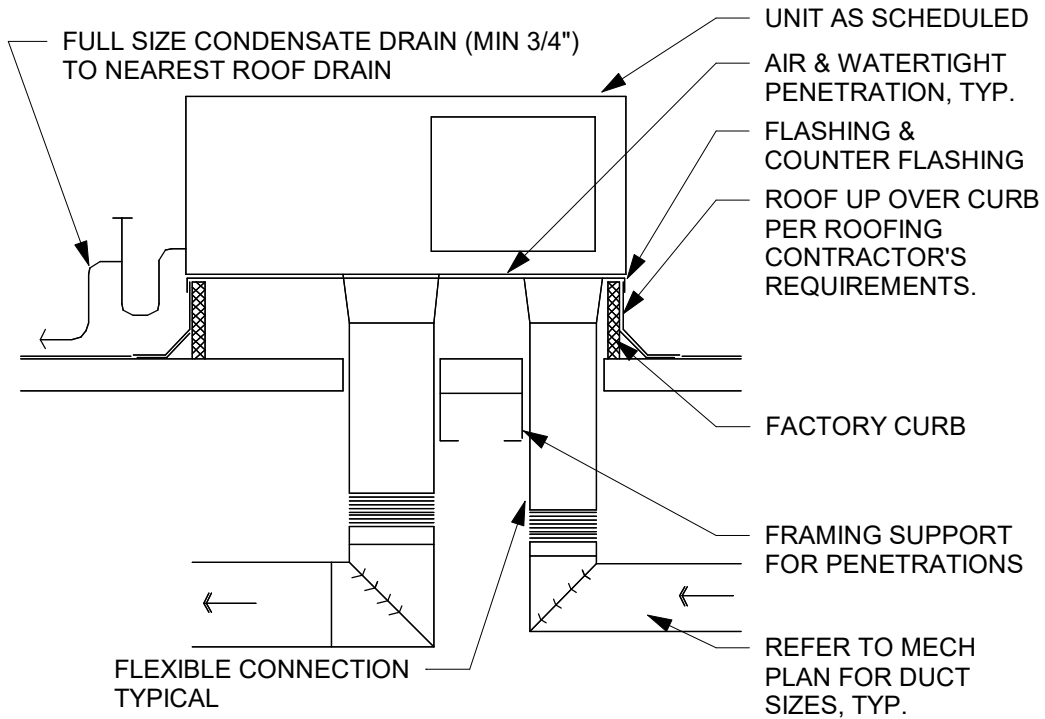
5 ROOF EXHAUST FAN

Scale: NTS



3 PIPE SUPPORT DETAIL

Scale: NTS



6 ROOFTOP AIR HANDLING UNIT DETAIL

Scale: NTS

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HVAC SCHEDULE					
Design ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0101	2	SUPPLY DIFFUSER	GC	GC	TITUS TDC 6"Ø NECK 12"x12" FACE
X0102	5	SUPPLY DIFFUSER	GC	GC	TITUS TDC 10"Ø NECK 24"x24" FACE
X0104	10	SUPPLY DIFFUSER	GC	GC	TITUS FL-15, 1.5" SLOT, 1 SLOT, 8"Ø INLET, 4 FT LONG, BORDER TYPE 11
X0105	22	SUPPLY DIFFUSER	GC	GC	TITUS FL-15, 1.5" SLOT, 1 SLOT, 6"Ø INLET, 4 FT LONG, BORDER TYPE 11
X0106	4	RETURN GRILLE	GC	GC	TITUS 350RL 22"x22" NECK, 24"x24" FACE
X0107	2	EXHAUST GRILLE	GC	GC	TITUS 350RL 8"x8" NECK, 10"x10" FACE



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VENTILATION AIR CALCULATION (BASED ON THE 2018 NORTH CAROLINA MECHANICAL CODE)											
MARK	AREA SERVED	OCCUPANCY CATEGORY	ZONE AREA (Az)	OCCUPANCY DENSITY (P/1000 SF)	ZONE POPULATION (Pz)	OUTDOOR AIR CFM PER PERSON (Rp)	OUTDOOR AIR CFM PER SF (Ra)	ZONE AIR EFFECTIVENESS (Ez)	MINIMUM OUTDOOR AIR (CFM)		
RTU-1	BAR	BAR - KITCHEN	624	STAFF COUNT	7	7.5	0.12	0.8	160		
	WORKROOM	OFFICE / STORAGE	522	STAFF COUNT	2	5	0.18	0.8	130		
									TOTAL	290	
MARK	AREA SERVED	OCCUPANCY CATEGORY	ZONE AREA (Az)	OCCUPANCY DENSITY (P/1000 SF)	ZONE POPULATION (Pz)	OUTDOOR AIR CFM PER PERSON (Rp)	OUTDOOR AIR CFM PER SF (Ra)	ZONE AIR EFFECTIVENESS (Ez)	MINIMUM OUTDOOR AIR (CFM)	MAXIMUM DCV OUTDOOR AIR (CFM)	
RTU-1	SEATING	FAST FOOD - DINING	1009	SEAT COUNT	34	7.5	0.18	0.8	546	---	
	RESTROOMS	FAST FOOD - DINING	107	SEAT COUNT	0	7.5	0.18	0.8	24		
									TOTAL	570	600

- NOTES:**
1. SEATING ZONE POPULATION IS BASED UPON SEAT COUNT WITH NO DIVERSITY.
 2. HVAC UNITS SHALL BE BALANCED TO PROVIDE THE MINIMUM DCV OUTDOOR AIR QUANTITIES INDICATED.
 3. ADDITIONAL VENTILATION IS REQUIRED FOR (1) WARMING OVEN AND (1) DISHWASHER.
 4. MAXIMUM DCV VENTILATION AIR SHOWN SHALL BE CONTROLLED BY CO2 SENSOR (SEE OTHER CONTROL NOTES).

RESTROOM EXHAUST CALCULATION (BASED ON THE 2018 NORTH CAROLINA MECHANICAL CODE)					
MARK	AREA SERVED	NUMBER OF WATER CLOSETS / URINALS	CFM PER WC / UR	TOTAL MINIMUM EXHAUST CFM	PROPOSED EXHAUST CFM
RTU-1	RESTROOMS	2	75	150	160

APPROXIMATE GAS REQUIREMENTS:
SYSTEM IS SIZED FROM LOW PRESSURE GAS (10" W.C. AT 0.3" W.C. PRESSURE DROP) OVERALL SYSTEM LENGTH OF 125'

HWH = 200.0 MBH
 RTU-1 = 150.0 MBH
 RTU-2 = 150.0 MBH

 TOTAL = 500.0 MBH

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
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CAMERON, NC 28326**

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DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
M601

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CLG	CEILING
CONST	CONSTRUCTION
CW	DOMESTIC COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EMER	EMERGENCY
EXIST	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FS	FLOOR SINK
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
FCO	FLOOR CLEANOUT
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GW	GREASE WASTE
HR	HOOR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HW	HOT WATER
HS	HANDSINK
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
NL	NIGHTLIGHT
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
SHT	SHEET
SF	SQUARE FEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TMV	TEMPERATURE MIXING VALVE
TW	TEMPERED HOT WATER
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
V	VENT
W	SANITARY WASTE
WCO	WALL CLEANOUT
WH	WATER HEATER
WP	WEATHER PROOF

PLUMBING SYMBOL LEGEND

	S OR W	SANITARY OR WASTE PIPING ABOVE SLAB
	S OR W	SANITARY OR WASTE PIPING BELOW SLAB
	V	VENT PIPING
	GW	GREASE WASTE
	CD	CONDENSATE DRAIN
	CW	COLD WATER PIPING
	HW	HOT WATER PIPING
	CWF	COLD WATER FILTERED
	CWN	COLD WATER NANO FILTERED
	CWS	COLD WATER SOFTENED
	TW	TEMPERED WATER
	RO	REVERSE OSMOSIS WATER
	G	GAS PIPING
	RD	REFRIGERANT DISCHARGE PIPING
	RS	REFRIGERANT SUCTION PIPING
	BV	BALL VALVE
	GV	GATE VALVE
	CH. V	CHECK VALVE
	RV	RELIEF VALVE
	HB	HOSE BIBB
		SHOCK ABSORBER
		STRAINER
	WCO	WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	FS	FLOOR SINK
	WM	WATER METER
	POC	CONNECT TO EXISTING

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

- 1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
- 2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA.
- 3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
 - A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION.
 - B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.
 - C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.
 - D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.
 - E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.
 - F. ALL DOMESTIC WATER HEATING, RECIRCULATING, FILTER AND SOFTENING EQUIPMENT SHALL BE TESTED AND/OR ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) OR THE MANUFACTURER'S CERTIFIED STARTUP REPRESENTATIVE AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN FUNCTIONAL PERFORMANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.
 - G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES, INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.
 - H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.
 - I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.
 - J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

VALVES

GENERAL
INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. SHUT OFF VALVES TO BE BALL TYPE. VALVES SHALL BE LISTED/APPROVED FOR USE PER AUTHORITIES HAVING JURISDICTION (AHJ) AND CODE REQUIREMENTS. PROVIDE VALVE IDENTIFICATION PER THE PROJECT MANUAL FOR MAIN WATER SERVICE SHUT-OFF AND ANY OTHER VALVES WHICH ARE NOT CLEARLY EVIDENT WHAT THEY SERVE.

PLUMBING FIXTURES

WATER HEATER
SIZE WATER HEATER PER STARBUCKS STANDARD AND PER AUTHORITIES HAVING JURISDICTION (AHJ), WHICHEVER IS MORE STRINGENT. PROVIDE INSTALLATION COMPLETE WITH FITTINGS AS SHOWN IN THE DRAWINGS. SET HOT WATER TEMPERATURE AT 140° F OR ADJUST AS REQUIRED BY AHJ. PROVIDE THERMOMETER ON HOT WATER PIPE LEAVING WATER HEATER.

WATER FILTRATION
STARBUCKS WATER FILTRATION VENDOR WILL PROVIDE FILTRATION SYSTEM. CONTRACTOR SHALL CONFIRM WITH STARBUCKS CONSTRUCTION MANAGER WHETHER VENDOR OR PLUMBING CONTRACTOR IS TO INSTALL FILTRATION SYSTEM. PROVIDE AND COORDINATE INSTALLATION COMPLETE WITH ALL PIPING, FITTINGS, AND EQUIPMENT AS INDICATED ON THE DRAWINGS.

CONNECTIONS
THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT INCLUDING REQUIRED MATERIAL SUCH AS PIPING, VALVES, FILTERS, TRAPS, CHECKS VALVES, VACUUM BREAKERS, AND FLEXIBLE AND RIGID TUBING.

SCHEDULES
REFER TO SCHEDULES ON DRAWINGS FOR A DESCRIPTION OF LISTED ITEMS AND FURNISH ANY AND ALL PLUMBING FIXTURES LISTED AS "GC". ANY DISCREPANCIES ABOUT WHO IS TO PROVIDE PLUMBING FIXTURES IN THE SCHEDULE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. INSTALL ALL FIXTURES LISTED REGARDLESS OF WHO SUPPLIES.

DISHWASHER
G.C. TO FURNISH AND INSTALL POWER CORD FOR DISHWASHER PER JURISDICTIONAL REQUIREMENTS. IF EQUIPMENT IS SPECIFIED AS HOBART ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

INSULATION

WATER PIPING
PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS.

SAFETY COVERS
FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION.

PIPING

CONDENSATE DRAINAGE PIPING
THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

TESTING
ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE SHELVEING UNIT AND CO2 GAS TUBING AS SHOWN ON DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS. MAXIMUM TUBING LENGTH INCLUDING COILED ENDS IS 100 FT (30 M) AND MAXIMUM BEND IS TO 3 INCH (75 MM) MINIMUM RADIUS. ROUTE CO2 TUBING PREFERABLY THROUGH WALL AND/OR CEILING CAVITIES, WITHOUT KINKS AND SO AS TO NOT TOUCH ANY HOT SURFACE (BALLAST, STEAM PIPE, ETC.) OR RUB AGAINST A SHARP EDGE THAT MAY ABRASION OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND REGULARLY AT TEN (10) FOOT INTERVALS ALONG ROUTE AS "CO2."

NITROGENATION

STARBUCKS NITROGENATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT AND FITTINGS IF APPLICABLE TO PROJECT SCOPE FOR NITRO STATION. GENERAL CONTRACTOR SHALL COORDINATE NITRO SYSTEM INSTALLATION WITH STARBUCKS VENDOR.

GENERAL PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF ROUTED THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH AND INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM. OVERALL CASEWORK COMPONENT DIMENSIONING ON PLUMBING DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
5. THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS. SEE THE PROJECT MANUAL FOR PLUMBING SPECIFICATION SECTIONS.
6. ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).
7. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
8. FURNISH AND INSTALL ALL NEEDED DRAIN LINES PER CODE (NOT ALL SHOWN). INSTALL DRAINS IN 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.
9. FURNISH AND INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED PER CODE (NOT ALL SHOWN).
10. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS IN THE PROJECT MANUAL.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT RELATED TO THE INSTALLATION OF THE PLUMBING WORK.

SITE EXAMINATION
THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF LISTING STANDARD IN EFFECT AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK.

WARRANTY
THE CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS. LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.



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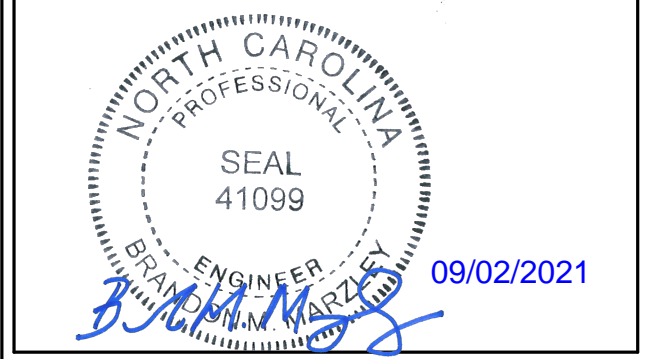
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PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #:	59763
PROJECT #:	85334-001
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P001

PLUMBING SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
WATER SERVICE AND METER	X	
BOOSTER PUMP FOR WATER SERVICE	X	
BELOW FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	
ABOVE FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	
PLUMBING VENT(S) THROUGH ROOF	X	
EXTERIOR HOSE BIB(S)	X	
BASE COVERAGE SPRINKLER SYSTEM	X	
SPRINKLER SYSTEM MODIFICATIONS FOR TENANT BUILDOUT	X	

KEYED NOTES

- WATER HEATER:**
ROUTE 1" COLD AND HOT WATER FROM WATER HEATER, UP IN CEILING SPACE. WATER HEATER INSTALLATION SHALL BE IN COMPLIANCE WITH APPLICABLE CODES AND ORDINANCES, REFER TO WATER HEATER DETAIL.
- MOP SINK:**
ROUTE 1/2" HOT AND COLD DOWN IN WALL AND CONNECT TO MOP SINK FAUCET. PROVIDE APPROVED BACKFLOW PREVENTION DEVICE ON SERVING FAUCET AS REQUIRED. CAULK AND SEAL BACK OF SINK TO WALL.
- WATER FILTER:**
ROUTE 3/4" COLD WATER DOWN IN WALL AND CONNECT TO WATER FILTER, EXTEND 3/4" FILTERED COLD WATER FROM WATER FILTER UP IN WALL TO CEILING SPACE. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR FILTERS. INSTALL ASSEMBLY ON WALL, REFER TO WATER FILTER DETAIL.
- 3-COMPARTMENT SINK:**
ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO FAUCET AND OVERHEAD SPRAY. CAULK AND SEAL BACK OF SINK TO WALL.
- SANITIZER:**
ROUTE 3/4" COLD WATER DOWN IN WALL AND STUB OUT AT 18" A.F.F. PROVIDE WITH SHUT-OFF VALVE WITH 3/4" MALE HOSE-END FITTING. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSIG, +/- 5 PSIG), LINE STRAINER, AND SHOCK ARRESTOR IN ALL CONNECT SANITIZER TO HW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE. PROVIDE AND INSTALL ANY ADDITIONAL PIPING AND DEVICES AS REQUIRED FOR COMPLETE INSTALLATION.
- ICE MACHINE:**
ROUTE 1/2" FILTERED COLD WATER DOWN IN WALL AND CONNECT TO ICE MACHINE, PROVIDE WITH REQUIRED BACKFLOW PREVENTION DEVICE. CONTRACTOR SHALL SUPPLY AND INSTALL 3/8" BRAIDED STAINLESS STEEL SUPPLY FROM SHUT-OFF TO MACHINE.
- HAND SINK/LAVATORY:**
ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO HAND SINK/LAVATORY. CONTRACTOR TO PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE BELOW FIXTURE AND SET TO 110°F. MIXING VALVE SHALL BE ASSE 1070 COMPLIANT. REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR. CAULK AND SEAL BACK OF SINK TO WALL.
- COFFEE BREWER:**
ROUTE 1/2" FILTERED COLD WATER DOWN IN WALL. CONTRACTOR SHALL PROVIDE AND INSTALL SHUT-OFF VALVE IN CABINET AT 24" A.F.F. CONTRACTOR SHALL SUPPLY AND INSTALL 3/8" BRAIDED STAINLESS STEEL SUPPLY LINE FROM SHUT-OFF VALVE TO MACHINE.
- ESPRESSO MACHINE:**
ROUTE 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO ESPRESSO MACHINE. PROVIDE AND INSTALL BRAIDED STAINLESS STEEL HOSE FROM SHUT-OFF VALVE TO PUMP AND FROM PUMP TO ESPRESSO MACHINE'S WATER INLET.
- DIPPER WELL, HOT TAP, WATER TOWER, AND PITCHER RINSER:**
ROUTE 1/2" COLD, AND FILTERED COLD WATER IN CASEWORK AND CONNECT TO DIPPER WELL. EXTEND 3/8" FILTERED WATER UP IN CASEWORK AND CONNECT TO HOT WATER DISPENSER. CONTRACTOR SHALL REDUCE WATER SUPPLY LINE TO 1/4" AT UNIT. EXTEND 3/8" FILTERED COLD WATER UP IN CASEWORK AND CONNECT TO WATER TOWER FAUCET. EXTEND 1/2" AND COLD WATER UP IN CASEWORK AND CONNECT TO PITCHER RINSER FAUCET (2 HANDLE). REFER TO ESP SINK PIPING DETAIL.
- WATER CLOSET:**
ROUTE 1" COLD WATER DOWN IN WALL AND CONNECT TO WATER CLOSET. PROVIDE WITH WATER HAMMER ARRESTOR IN SUPPLY LINE. CONTRACTOR SHALL CHOOSE RIGHT/LEFT HAND ORIENTATION TO BE ADA COMPLIANT PRIOR TO ORDERING.
- ROUTE 3/4" COLD, AND FILTERED COLD WATER UP FROM BELOW GRADE THRU SLAB, PROVIDE WITH BALL SHUT-OFF VALVE AT FLOOR PENETRATION. PIPING SHALL BE ROUTED CONCEALED BELOW COUNTER AND TIGHT TO BAR WALL (COORDINATE WITH G.C.).**
- WORK SINK:**
ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO WORK SINK.
- PITCHER RINSER FAUCET:**
ROUTE 1/2" HOT AND COLD WATER UP IN WALL. CONNECT 1/2" CW TO PITCHER RINSER FAUCET (1 HANDLE). EXTEND IN CASEWORK AND 1/2" HW AND CW CONNECT TO SINK FAUCET. CONTRACTOR SHALL PROVIDE AND INSTALL AN APPROVED BACKFLOW PREVENTER.
- ROUTE 3/4" COLD, AND FILTERED COLD WATER DOWN IN WALL AND EXTEND BELOW SLAB TO BAR AREA.**
- LAVATORY:**
ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO HAND SINK/LAVATORY. CONTRACTOR TO PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE BELOW FIXTURE AND SET TO 100°F. MIXING VALVE SHALL BE ASSE 1070 COMPLIANT. REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR. CAULK AND SEAL BACK OF SINK TO WALL.
- ROUTE 1-1/2" COLD WATER LINE UP IN CEILING SPACE.**
- REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR.**
- MAGIC SINK:**
ROUTE 1/2" COLD, HOT, AND FILTERED COLD WATER IN WALL. EXTEND 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO HOT WATER DISPENSER. CONTRACTOR SHALL REDUCE WATER SUPPLY LINE TO 1/4" AT UNIT. EXTEND 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO WATER TOWER FAUCET. ROUTE 1/2" COLD AND HOT WATER IN CASEWORK AND CONNECT TO LABORATORY FAUCET. REFER TO DETAIL 6/502 FOR MORE INFORMATION.
- PIPING SHALL BE BELOW FLOOR.**
- ROUTE 1/2" HW, CW AND FCW DOWN IN WALL AND CONNECT TO WATER FILLING STATION. CONTRACTOR SHALL PROVIDED AND INSTALL APPROVED BACKFLOW PREVENTER.**
- HOSE BIB. FIELD VERIFY EXACT LOCATION.**
- ROUTE 1/2" HWR FROM CEILING SPACE AND CONNECT TO WATER HEATER. SEE DETAIL ON P502 FOR MORE INFORMATION.**

GENERAL NOTES

- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH 1/2" (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.
- INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PROJECT MANUAL.
- GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.



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GPD PROJECT NO: 2020261.36



PROJECT NAME:
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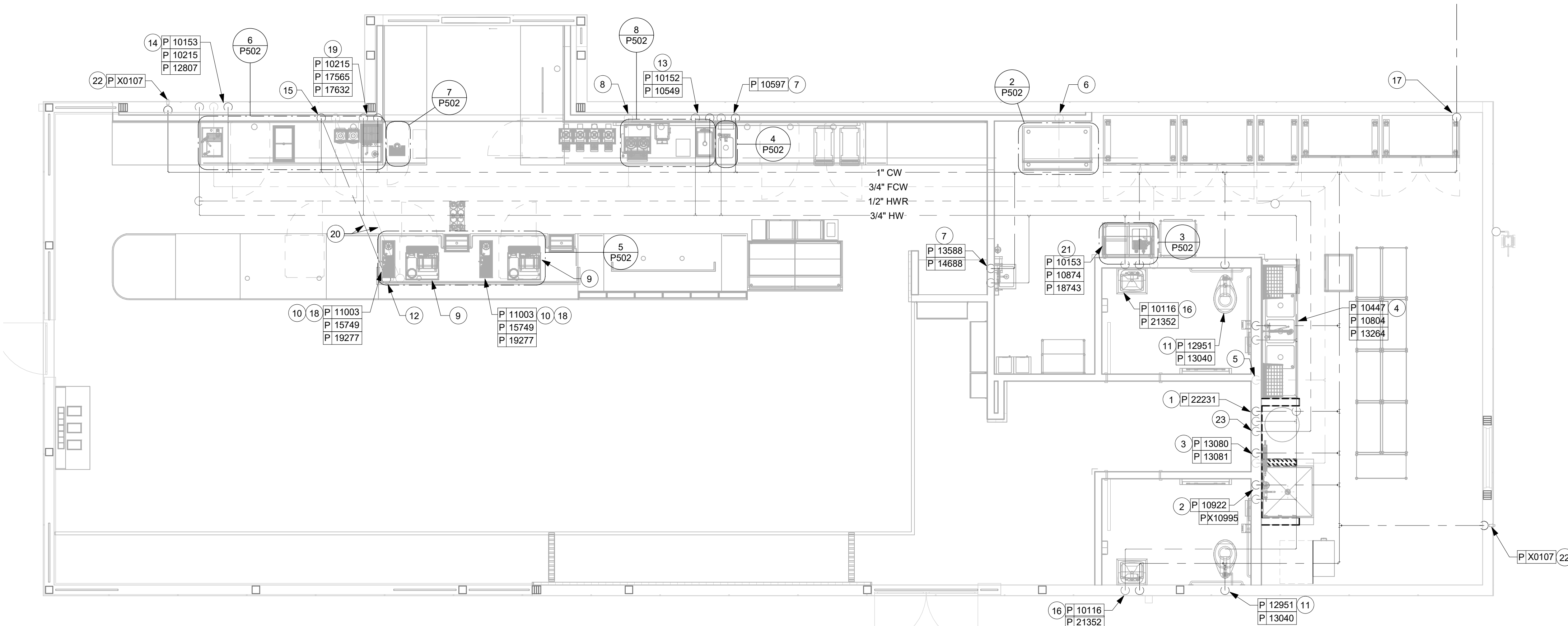
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FLOOR PLAN - PLUMBING SUPPLY PLAN

Scale: 1/4" = 1'-0"



KEYED NOTES

1. CONNECT TO EXISTING 4" SANITARY WASTE PIPING BELOW FLOOR. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH OF INVERT, AND DIRECTION OF FLOW PRIOR TO START OF ANY WORK.
2. ESPRESSO SINK:
ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK. FIELD VERIFY EXACT LOCATION.
3. ICE BIN:
ROUTE 1-1/2" INDIRECT WASTE PIPING FROM ICE BIN IN CASEWORK TO FLOOR SINK. FIELD VERIFY EXACT LOCATION.
4. HAND SINK:
ROUTE 2" GREASE WASTE PIPING BELOW AND EXTEND UP IN WALL, TRANSITION TO 1-1/2" GREASE WASTE PIPING AND CONNECT TO SINK. EXTEND 1-1/2" VENT PIPING UP IN WALL TO CEILING SPACE.
5. WORK SINK:
ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK. FIELD VERIFY EXACT LOCATION WITH APPROVED AIR GAP.
6. CONTRACTOR SHALL ROUTE 4" VENT THRU ROOF. ROOF PENETRATION SHALL BE MADE BY LANDLORD'S ROOFING CONTRACTOR. LANDLORD'S ROOFING CONTRACTOR SHALL MAKE ROOF PENETRATION WEATHER TIGHT. VENT THRU ROOF SHALL BE A MINIMUM OF 12'-0" FROM ANY OUTDOOR AIR INTAKES.
7. ROUTE 1" INDIRECT WASTE PIPING FROM CBS DRAIN BOARD TO FLOOR SINK. FIELD VERIFY EXACT LOCATION.
8. ROUTE 1-1/2" INDIRECT WASTE PIPING FROM PITCHER RINSER SINK TO FLOOR SINK. FIELD VERIFY EXACT LOCATION.
9. ROUTE INSULATED INDIRECT DRAIN PIPING BEHIND UNDERCOUNTER REFRIGERATOR. TIGHT TO WALL. CONTRACTOR SHALL PROVIDE AND INSTALL BUMPER GUARDS AS REQUIRED.
10. ROUTE WASTE PIPING FROM ESPRESSO MACHINE DRAIN TRAY TO FLOOR SINK. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURE'S RECOMMENDATIONS.
11. WATER HEATER:
ROUTE 3/4" PRESSURE RELIEF TO MOP SINK. ROUTE 1" INDIRECT DRAIN FROM WATER HEATER DRAIN PAN TO MOP SINK. ROUTE CONDENSATE DRAIN FROM WATER HEATER TO MOP SINK.
12. MOP SINK:
ROUTE 3" GREASE WASTE UP AND CONNECT TO MOP SINK. EXTEND 2" VENT UP IN WALL TO CEILING SPACE.
13. WATER CLOSET:
ROUTE 4" SANITARY WASTE UP AND CONNECT TO WATER CLOSET. EXTEND 2" VENT UP IN WALL TO CEILING SPACE.
14. LAVATORY:
ROUTE 2" SANITARY WASTE PIPING BELOW SLAB AND EXTEND UP IN WALL. TRANSITION TO 1-1/2" SANITARY WASTE PIPING AND CONNECT TO LAVATORY. EXTEND 1-1/2" VENT PIPING UP IN WALL TO CEILING SPACE. CONTRACTOR SHALL PROVIDE AND INSTALL PIPE PROTECTOR FOR P-TRAP AND SUPPLIER, TRUEBRO LAVGUARD 2 OR EQUAL.
15. 3-COMPARTMENT SINK:
SINK SHALL DISCHARGE TO GREASE INTERCEPTOR. ROUTE WASTE PIPING FROM SINK TO FLOOR SINK THROUGH MINIMUM 2" AIR GAP.
16. SANITIZER:
ROUTE 1-1/2" INDIRECT DRAIN TO CLOSET FLOOR SINK.
17. ICE MACHINE:
ROUTE (2) 3/4" INSULATED INDIRECT DRAINS TO FLOOR SINK. DO NOT INTERCONNECT DRAINS.
18. FLOOR SINK:
ROUTE 3" GREASE WASTE UP AND CONNECT TO FLOOR SINK. EXTEND 1-1/2" VENT UP IN WALL TO CEILING SPACE.
19. FLOOR CLEANOUT:
CLEANOUT SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR.
20. NOT USED.
21. ROUTE 1" INDIRECT DRAIN FROM NITRO DRIP TRAY TO FLOOR SINK WITH APPROVED AIR GAP.
22. CONNECT TO EXISTING 4" GREASE WASTE/SANITARY WASTE PIPING BELOW GRADE. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH OF INVERT, AND DIRECTION OF FLOW PRIOR TO START OF ANY WORK.
23. FLOOR SINK:
ROUTE 4" GREASE WASTE UP AND CONNECT TO FLOOR SINK.
24. FLOOR DRAIN:
ROUTE 3" SANITARY WASTE UP IN WALL AND CONNECT TO FLOOR DRAIN. EXTEND 1-1/2" VENT UP IN WALL TO CEILING SPACE.
25. MAGIC SINK:
ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK WITH APPROVED AIR GAP. FIELD VERIFY EXACT LOCATION.
26. ROUTE INDIRECT DRAIN FROM WATER FILLING STATION TO FLOOR SINK WITH APPROVED AIR GAP.

GENERAL NOTES

- A. SEE PLUMBING SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- B. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- C. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- D. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- E. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- F. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- G. WHEN BUILDING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO A FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
- H. FURNISH & INSTALL ALL NEEDED INDIRECT DRAINS PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.
- I. FURNISH & INSTALL WALL CLEANOUTS AT ALL SINKS, AS NEEDED, AND PER CODE (NOT ALL SHOWN).
- J. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS ON THE PLUMBING SPECIFICATION SHEET.
- K. STACK TEST ON DRAINS AND VENTS SHALL BE PROVIDED AT TIME OF UNDERGROUND AND ROUGH IN INSPECTIONS.
- L. ANY PVC DRAIN AND VENT PIPING SHALL BE SCHEDULE 40 PVC ASTM 2665. NO CELLULAR CORE PVC OR ABS PIPE ALLOWED.



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GPD Engineering and Architecture
Professional Corporation - C3879

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AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

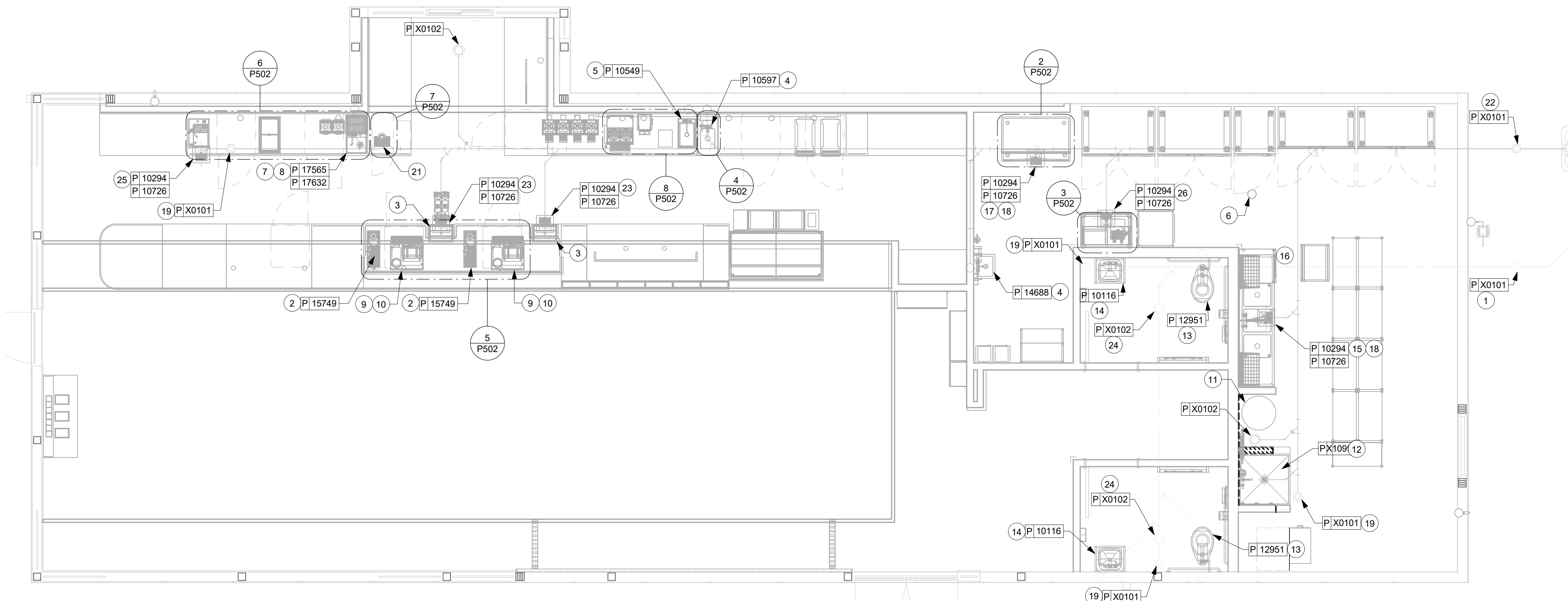
PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
CHECKED BY: GPD GROUP

Revision Schedule			
Rev	Date	By	Description

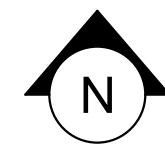
SHEET TITLE:
PLUMBING WASTE & VENT PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P102



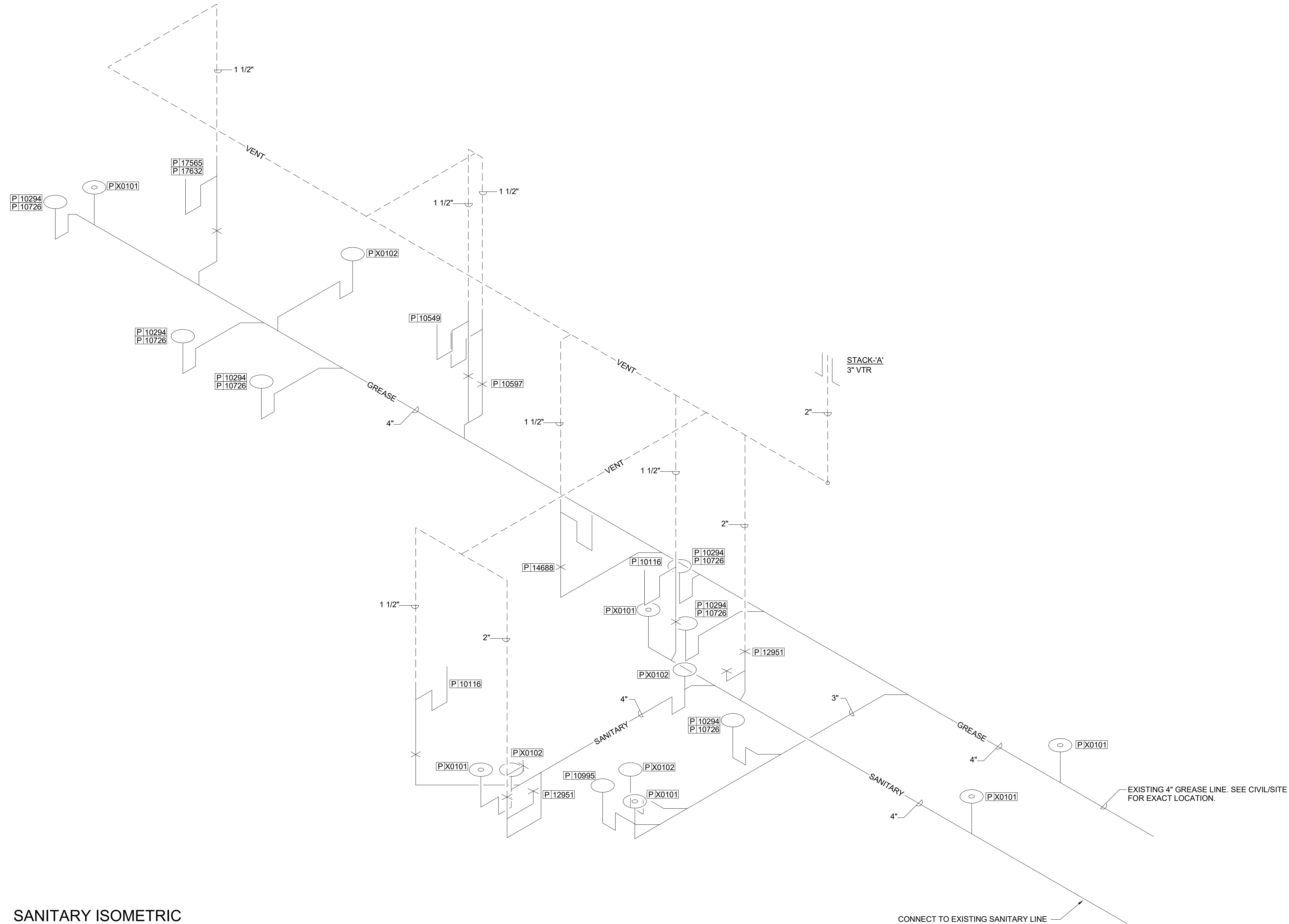
FLOOR PLAN - PLUMBING WASTE & VENT PLAN

Scale: 1/4" = 1'-0"



9/2/2021 9:07:49 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

9/2/2021 9:07:50 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



SANITARY ISOMETRIC
Scale: NTS



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GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

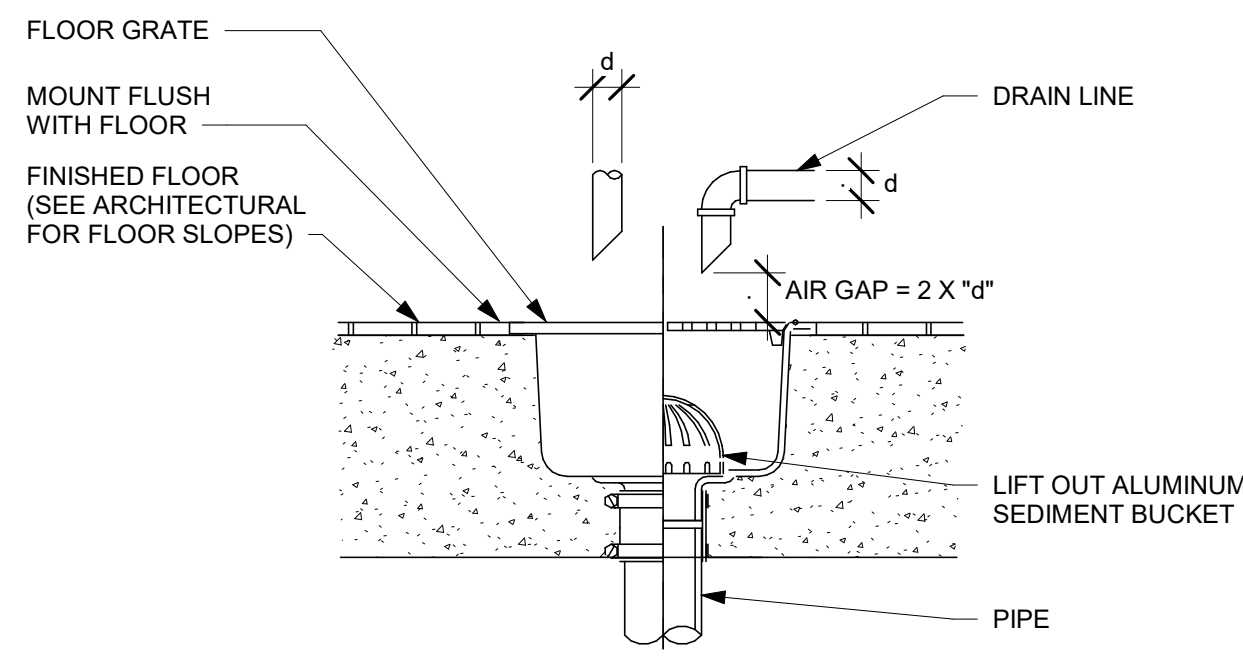
PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #: 59763
PROJECT #: 85334-001
ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
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Revision Schedule			
Rev	Date	By	Description

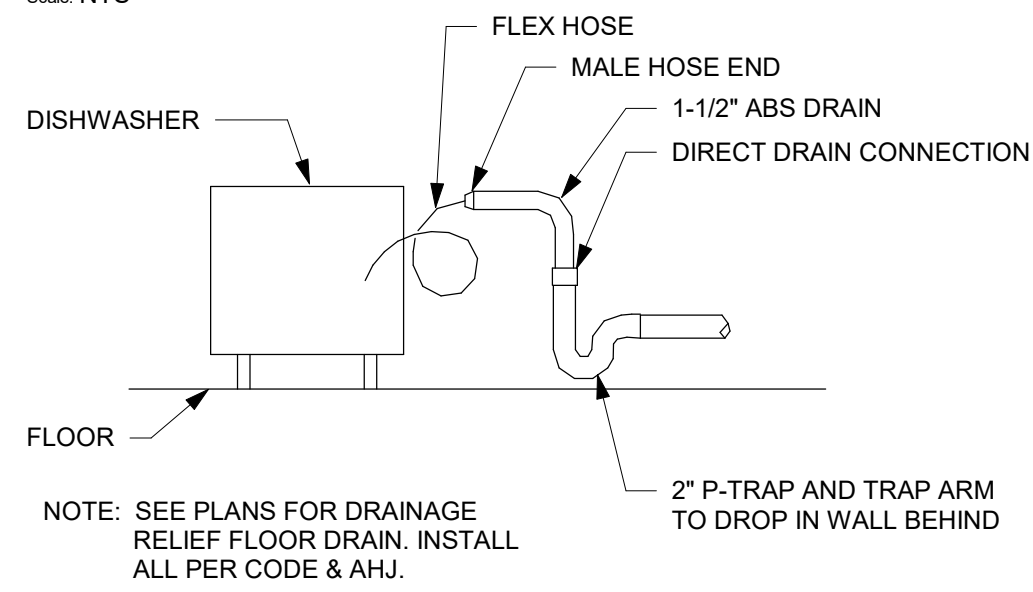
SHEET TITLE:
**PLUMBING WASTE &
SANITARY ISOMETRIC**
SCALE: AS SHOWN

SHEET NUMBER:
P103



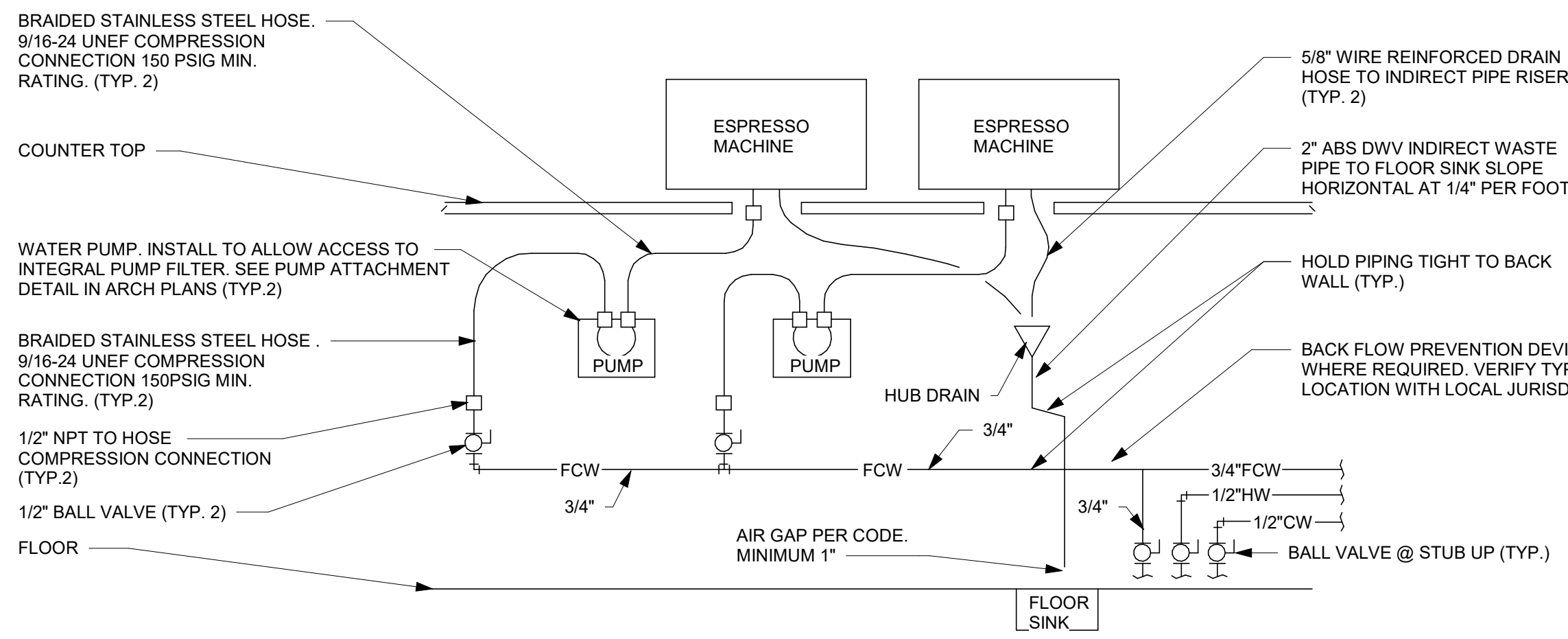
10 FLOOR SINK DETAIL

Scale: NTS



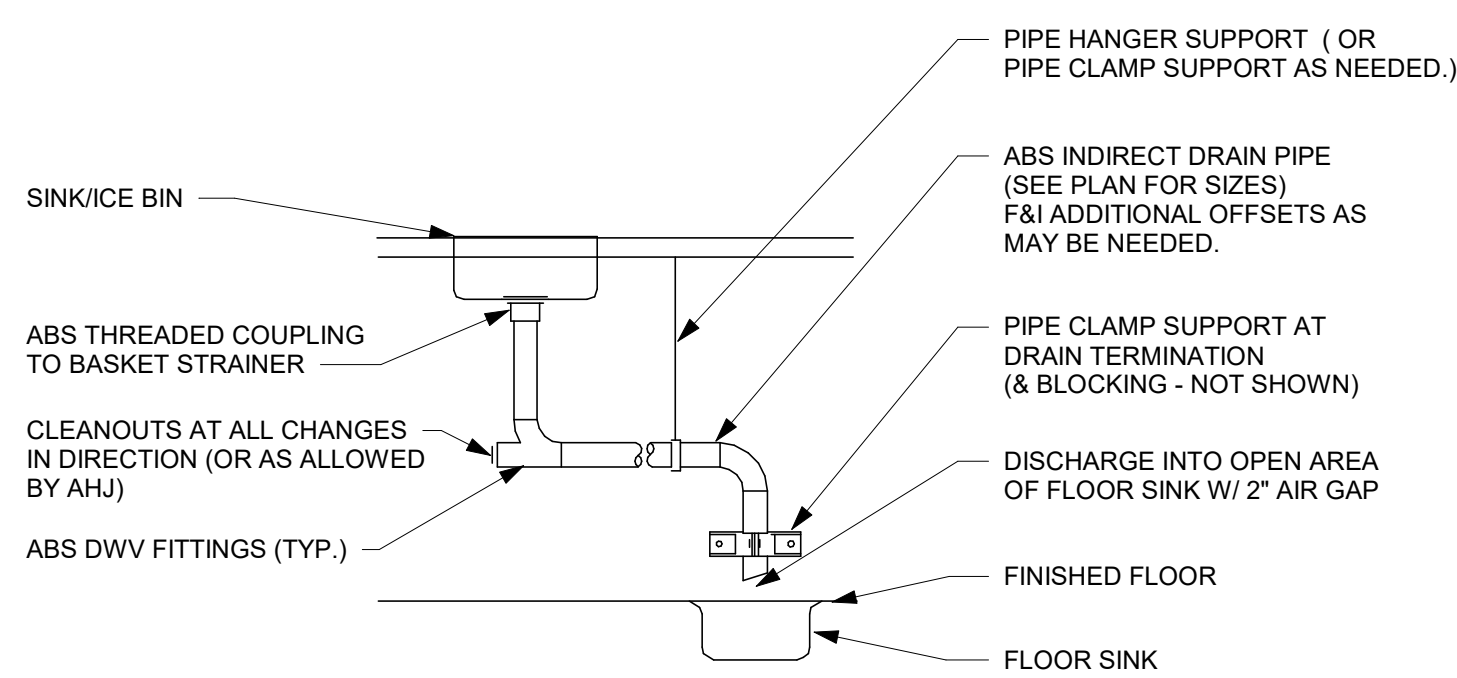
6 DISHWASHER DRAIN DETAIL

Scale: NTS



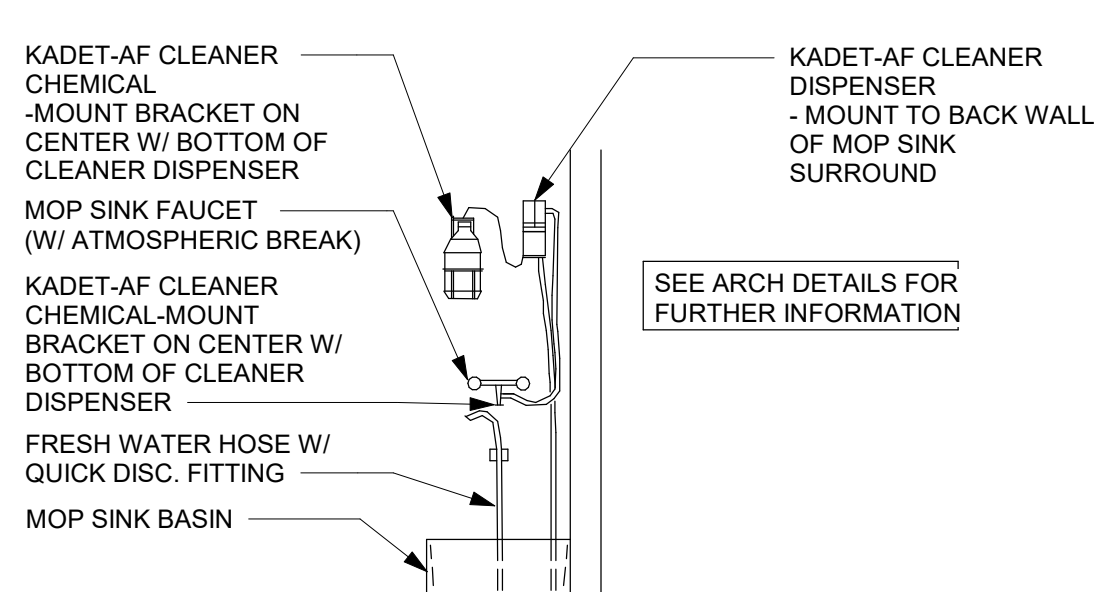
4 ESPRESSO MACHINE PIPING CONNECTION DETAIL

Scale: NTS



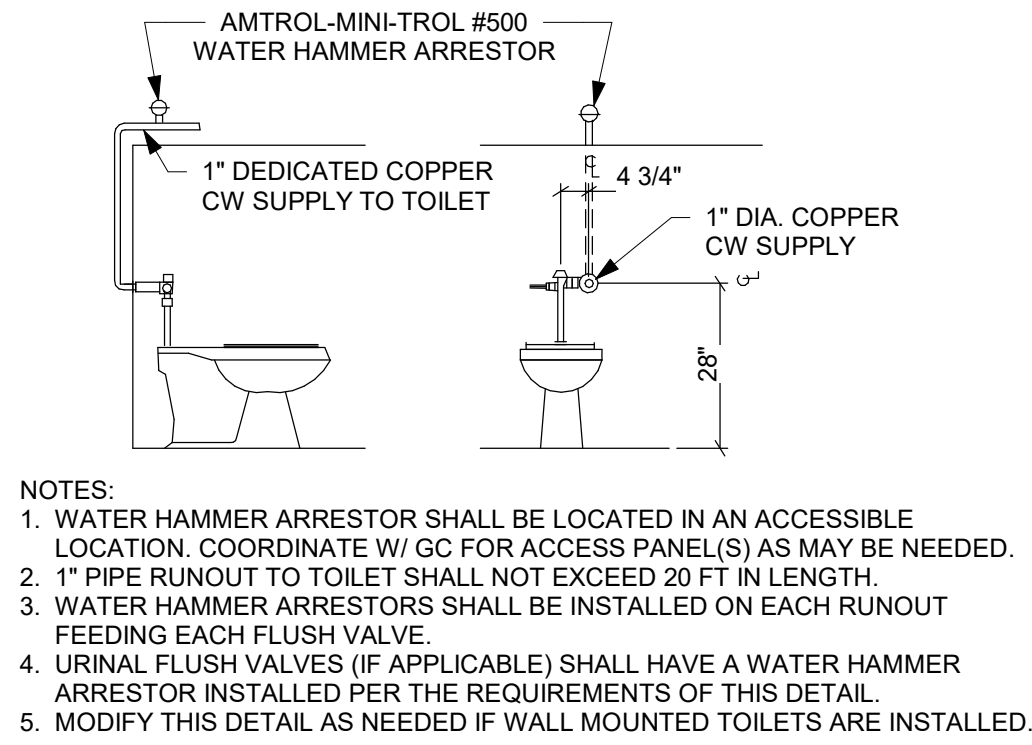
1 SINK INDIRECT DRAIN DETAIL

Scale: NTS



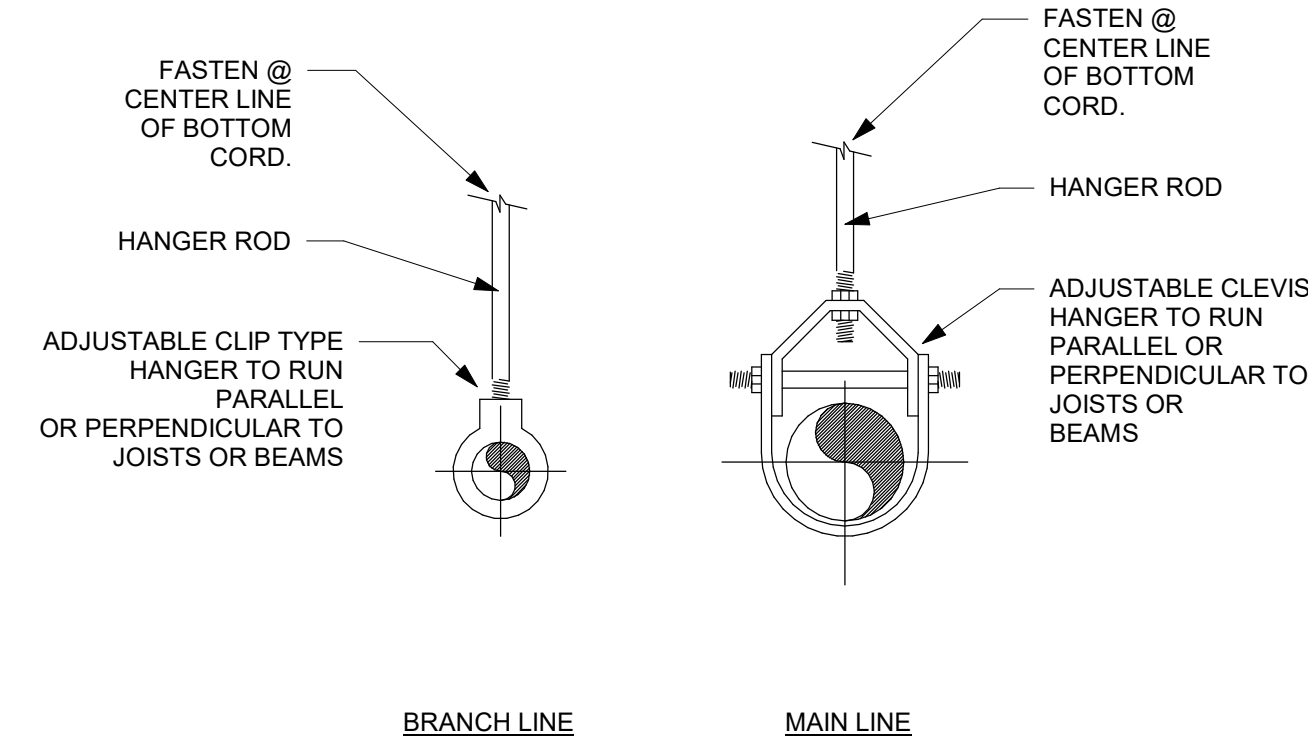
7 CHEMICAL MIXER DETAIL

Scale: NTS



8 TOILET SUPPLY DETAIL

Scale: NTS

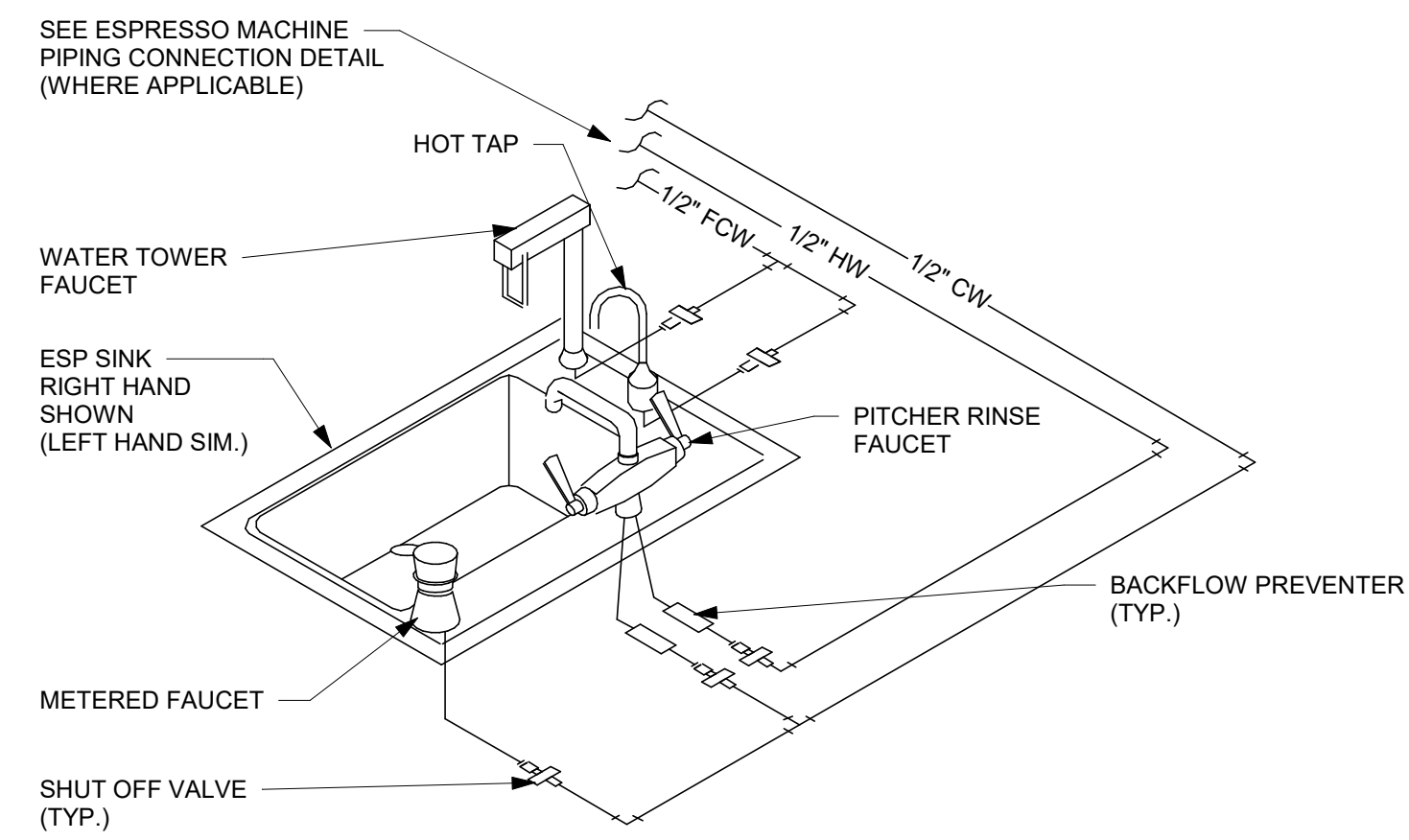


9 PIPE HANGER DETAIL

Scale: NTS

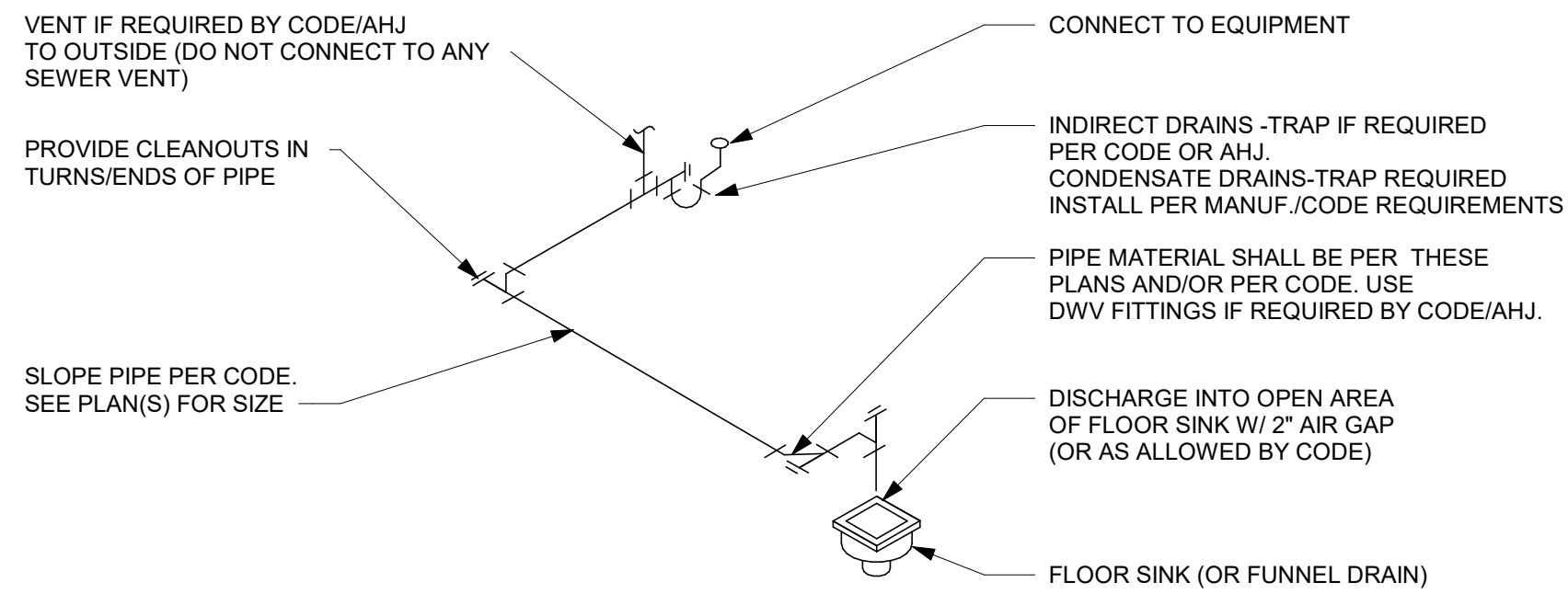
DETAIL NOTES

1. THIS DETAIL IS SCHEMATIC ONLY. SEE THE PLAN DRAWINGS.
2. ALL WATER HOSES SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS NEEDED TO AVOID STRESSING CONNECTIONS AND COILING EXCESSIVE HOSE. ROUTE TO AVOID KINKING AND ALLOW SPACE FOR UNDER COUNTER REFRIGERATOR AND ACCESS TO EQUIPMENT AND VALVES.
3. ALL PIPING SHALL BE HELD TIGHT TO WALLS, SLOPED WHERE NEEDED AND ROUTED TO ALLOW ACCESS TO EQUIPMENT AND VALVES.
4. ROUTE HORIZONTAL PIPING A MINIMUM OF 6" ABOVE FLOOR.
5. COORDINATE LOCATION AND ELEVATION OF ALL EQUIPMENT WITH OTHER TRADES. ORIENT PUMP AS NEEDED TO ALLOW MAINTENANCE.



5 ESP SINK PIPING DETAIL

Scale: NTS

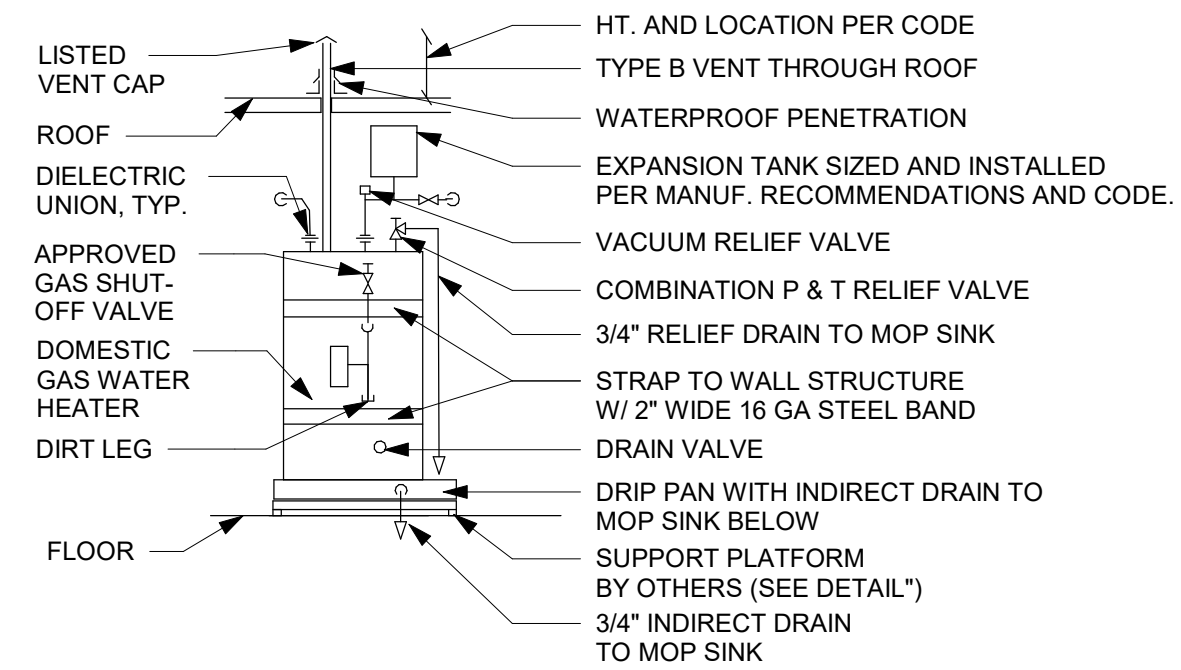


2 TYPICAL CONDENSATE/EQUIPMENT INDIRECT DRAIN DETAIL

Scale: NTS

3 GAS WATER HEATER DETAIL

Scale: NTS



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P: 330-572-2100 F: 330-572-2101
GPD PROJECT NO: 2020261.36



PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
**2778 NC-24
CAMERON, NC 28326**

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P501



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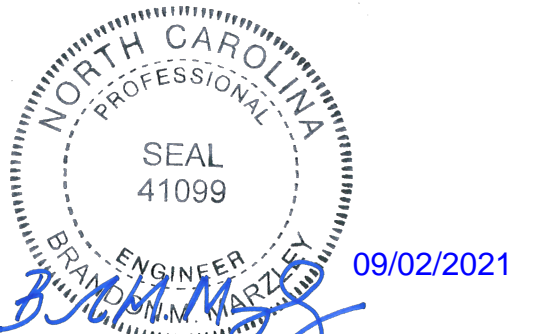
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PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
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STORE #: 59763
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ISSUE DATE: For Construction 09/01/21
DESIGN MANAGER: ASHLEY SUEIRAS
PRODUCTION DESIGNER: GPD GROUP
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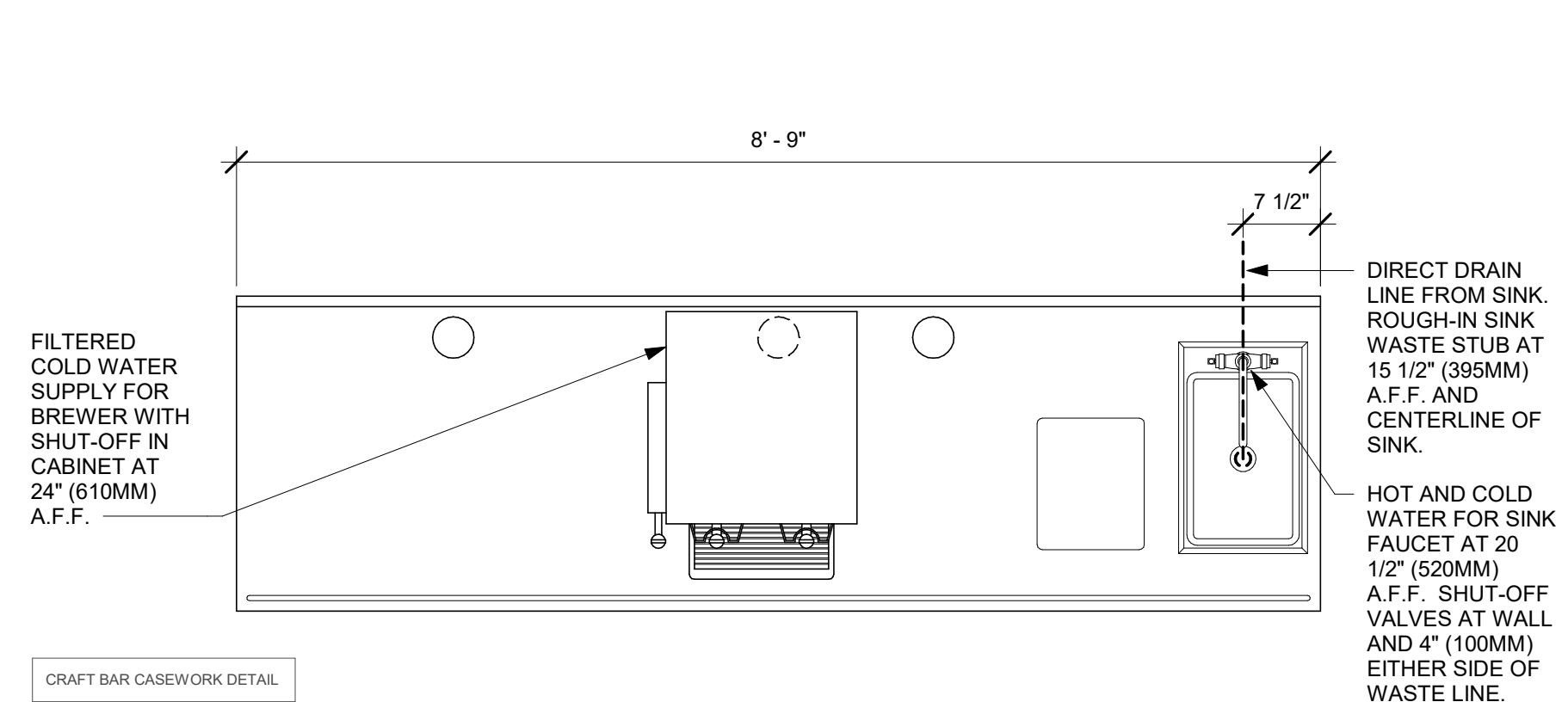
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

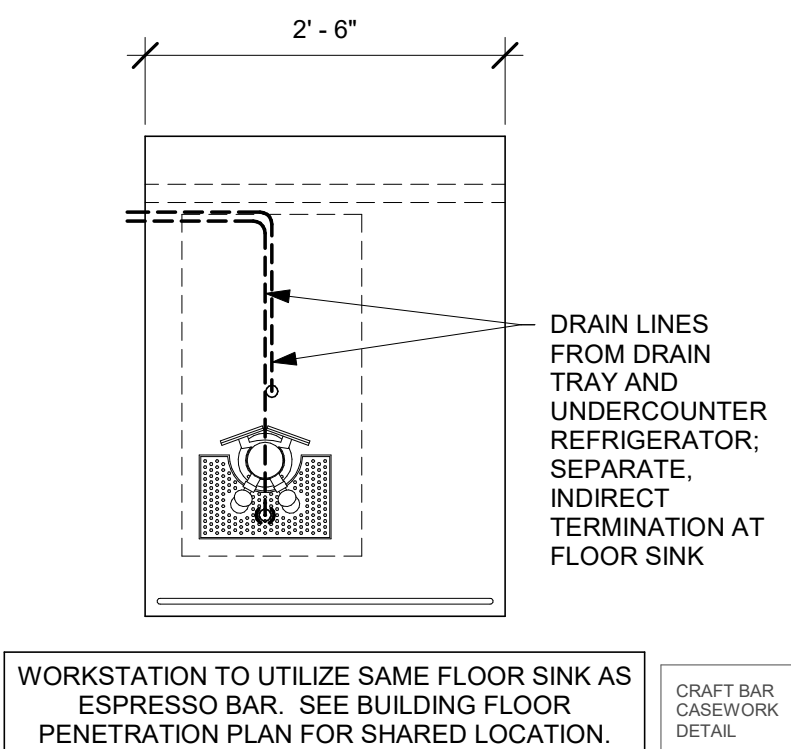
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SHEET NUMBER:

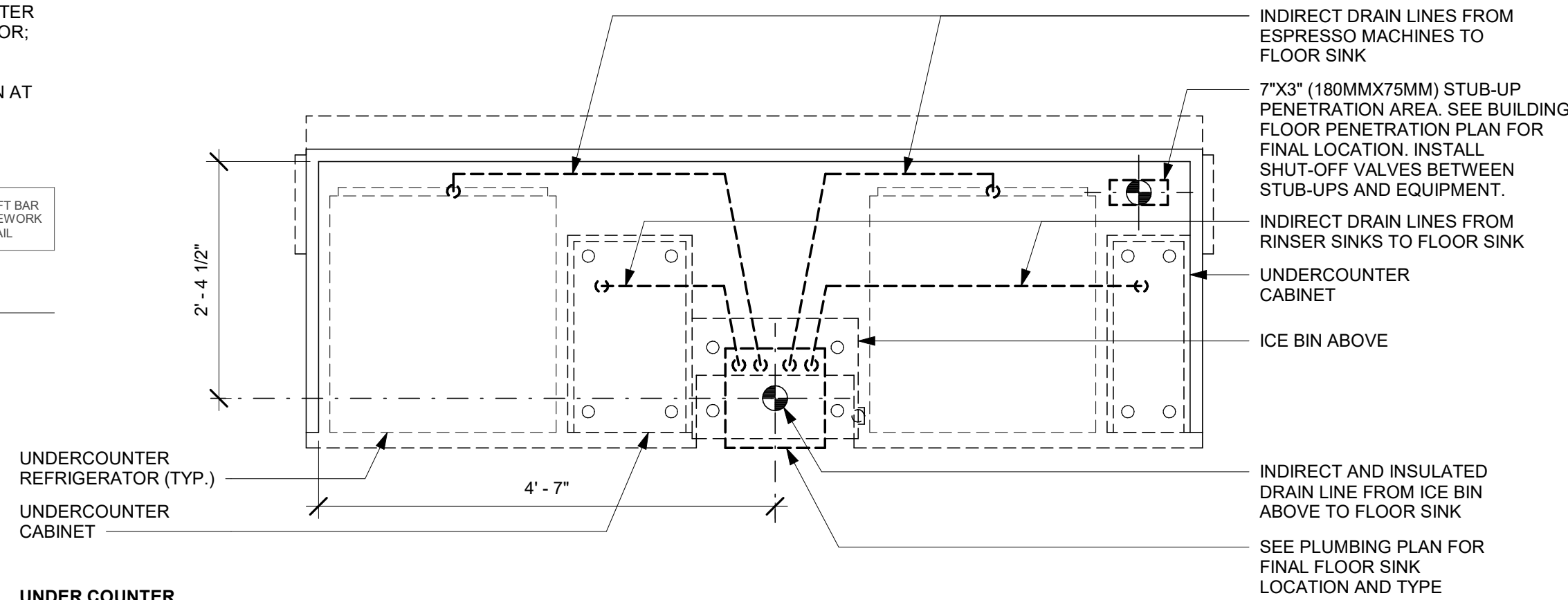
P502



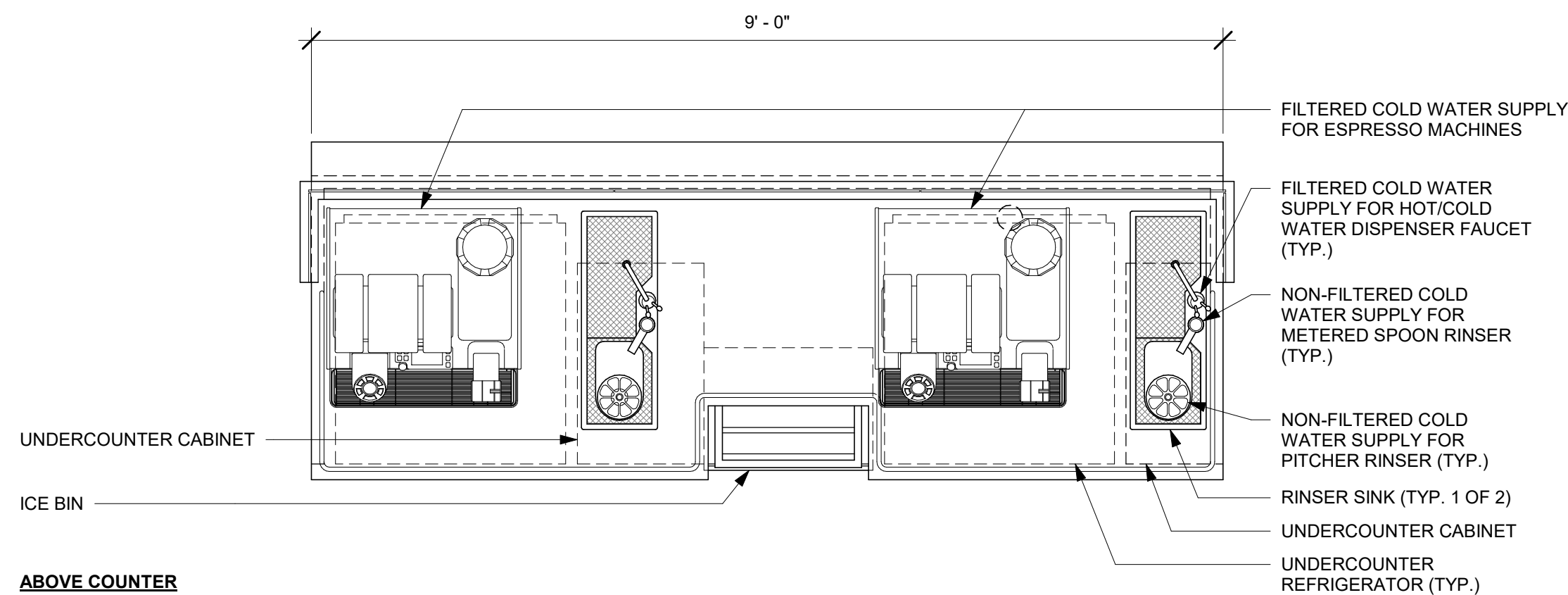
8 BRW 03-02 PLUMBING
Scale: 3/4" = 1'-0"



7 NIT 13-01 PLUMBING
Scale: 3/4" = 1'-0"

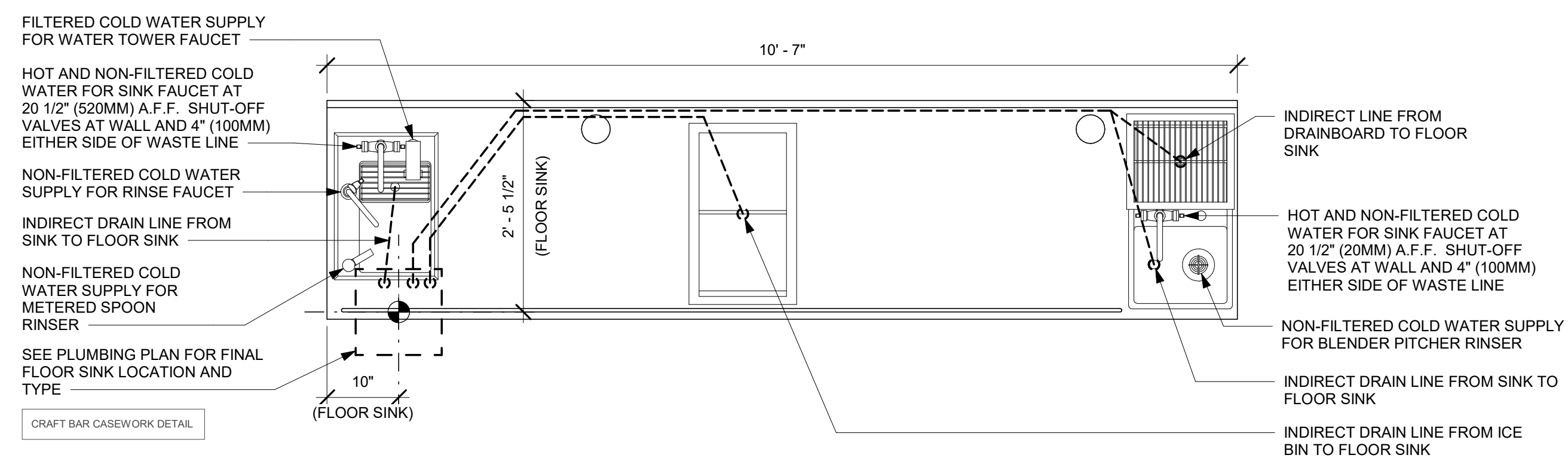


UNDER COUNTER

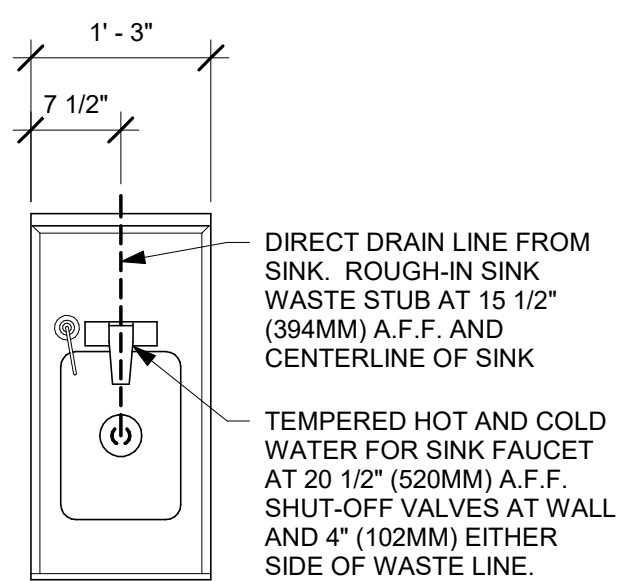


ABOVE COUNTER

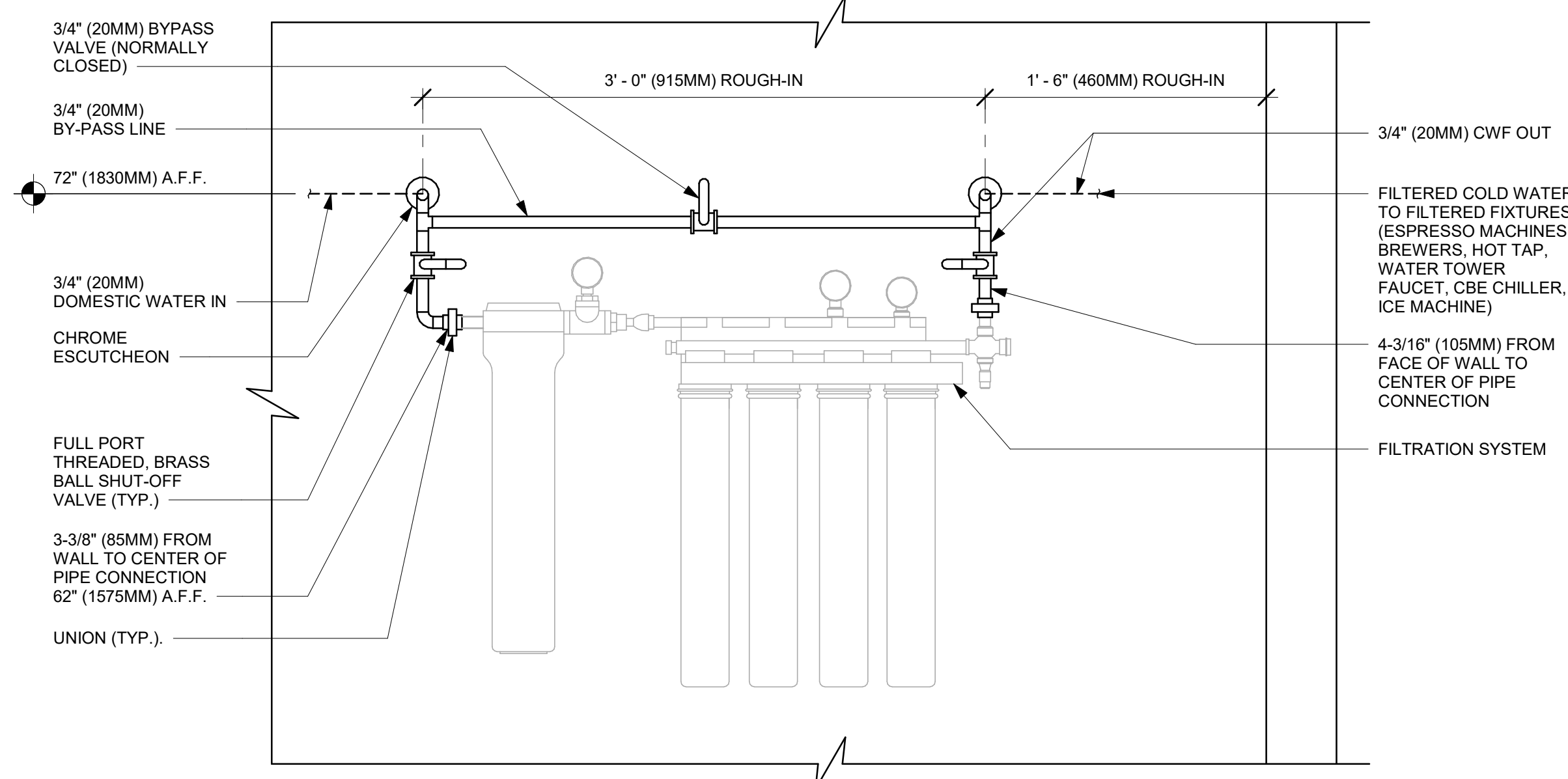
5 ESP 07-02 PLUMBING
Scale: 3/4" = 1'-0"



6 CBE 04-03 PLUMBING
Scale: 3/4" = 1'-0"



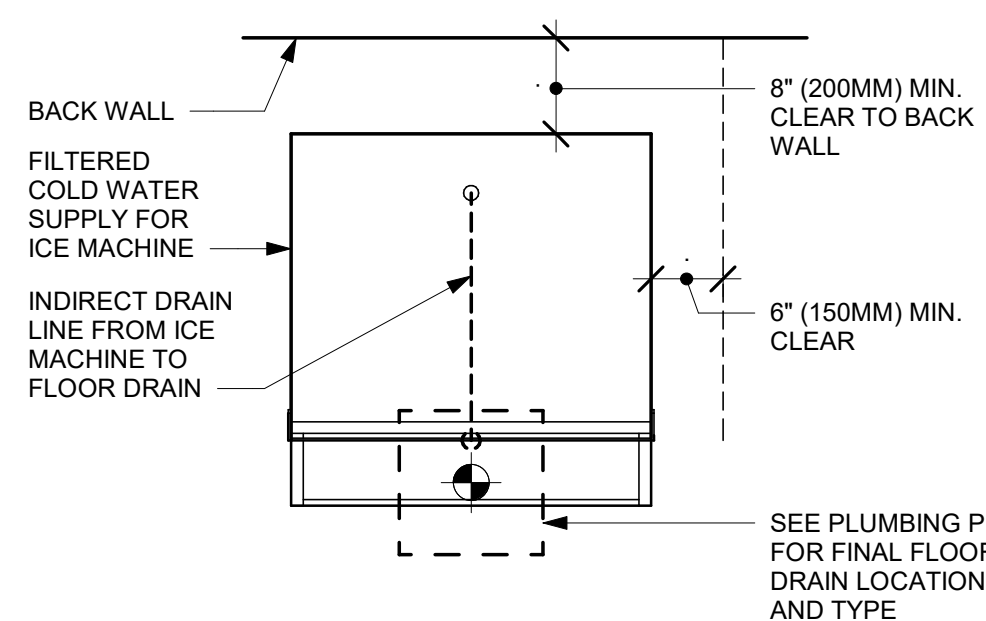
4 ADD 02-01 PLUMBING
Scale: 3/4" = 1'-0"



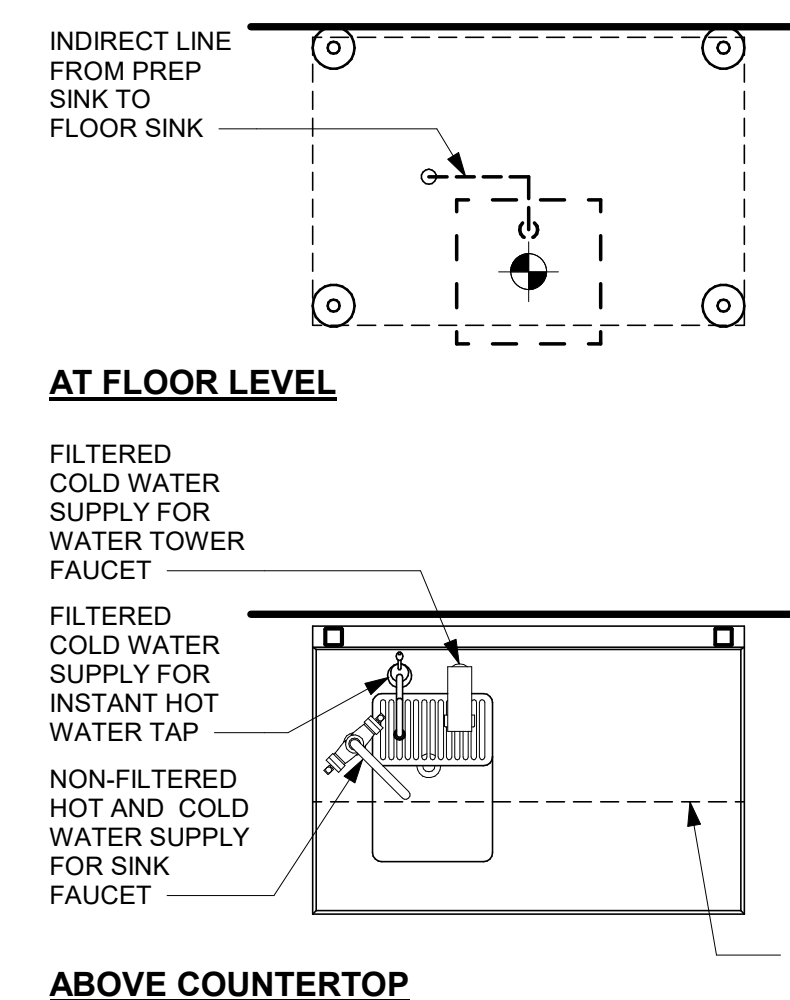
NOTES:

- ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY. GC TO COORDINATE INSTALLATION OF ALL OTHER COMPONENTS SHOWN WITH FILTER VENDOR.
- ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS WHERE ALLOWED BY CODE.
- COMPONENTS ARE TO BE POSITIONED TO MAXIMIZE ACCESS FOR REGULAR SERVICING. PRE-FILTER, BYPASS VALVES, AND SOFTENER TANKS MUST BE INSTALLED 72" (1828MM) A.F.F. OR LOWER.

1B CONFIGURATION I, BASE WATER FILTRATION
Scale: 1 1/2" = 1'-0"



2 ICE MACHINE - PLUMBING
Scale: 3/4" = 1'-0"



3 WATER FILLING STATION - PLUMBING
Scale: 3/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
10294	6	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
X0101	4	GRADE CLEANOUT	GC	GC	ZURN ZN1474, GRADE CLEANOUT, NICKEL BRONZE COVER.
X0102	4	FLOOR DRAIN	GC	GC	
X0107	2	WALL HYDRANT	GC	GC	ZURN Z1321 WALL HYDRANT
DRAIN					
10294	1	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
10726	6	FLOOR SINK - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	2	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	3	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB	GC	1.2 GPM FLOW RATE
10597	1	FAUCET - SINGLE HANDLE	SB	GC	0.5 GPM FLOW RATE
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - INSTAHOT SYSTEM SINGLE LEVER	SB	GC	0.5 GPM FLOW RATE
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
11003	3	FAUCET - METERED	SB	GC	METERED
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
15749	2	FAUCET - HOT AND COLD WATER SYSTEM	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR			
FILTER					
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	GC TO COORDINATE WITH SB VENDOR
13080	1	FILTER - HEAD QUAD	SB	SB	GC TO COORDINATE WITH SB VENDOR
13081	4	FILTER - CARBON FILTER CARTRIDGE	SB	SB	GC TO COORDINATE WITH SB VENDOR
13149	1	FILTER - PRESSURE GAUGE	SB	SB	GC TO COORDINATE WITH SB VENDOR
OTHER					
22231	1	WATER HEATER TANK GAS - 199.9K BTU	GC	GC	BRADFORD WHITE MODEL NO. D-100L-199-3N, 199.9 MBH INPUT
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
17632	1	SINK - STACKED DRAINBOARD - 15IN 380MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
19277	2	SINK - COUNTERTOP RINSER WITH DRAIN TROUGH - 26X9IN 660X235MM	SB	GC	
X10995	1	SINK - MOP - 36X36IN	GC	GC	
TOILET					
12951	2	TOILET - TANKLESS EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL ST-2020-1.28, ADA COMPLIANT VITEROUS CHINA WATER CLOSET, WHITE, PROVIDE WITH CHURCH COMMERCIAL 295CT TOILET SEAT
13040	2	TOILET - FLUSH VALVE AUTOMATIC EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL 8111-1.28 OPTIMA SYSTEMS BATTERY POWERED FLUSHMETERS



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
P601