

A TENANT IMPROVEMENT PROJECT

# Jersey Mikes Subs

THE SQUARE AT LILLINGTON  
NC HWY 210 S  
LILLINGTON, NC 27546

**BUSINESS NARATIVE:**  
RESTAURANT BUSINESS SERVING SUB SANDWICHES  
BOTH HOT AND COLD AS  
WELL AS SALADS, CHIPS, SODA, TEA AND WATER.

**STORE HOURS:**  
10AM - 9PM Monday-Sunday

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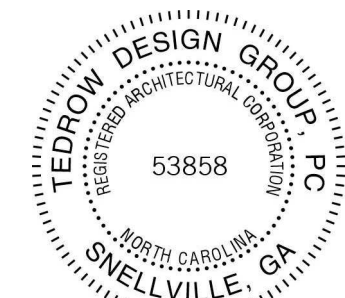
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2866 ADAMS BROOK WAY  
SNELLVILLE, GA 30078  
PH. 678.777.9548



JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON  
NC HWY 210 S  
LILLINGTON, NC 27546



RESPONSIBILITY SCHEDULE

NOTE: THE DIVISION SYSTEM OF THE RESPONSIBILITY SCHEDULE DOES NOT CONTROL THE DIVISION OF WORK AMONG TRADES NOR THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE. THE G.C. IS RESPONSIBLE FOR ALL WORK UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.

LANDLORD WORKLETTER - SEE A0.2 FOR MORE INFORMATION. SPACE IS AS IS EXCEPT ON WORKLETTER.  
G.C. RESPONSIBLE FOR RETRIEVING THE SIGNED COPY OF THE LEASE THAT STATES WORK BY LANDLORD AND TENANT AND ANY OTHER INFORMATION THE TENANT GIVES THE GC.

ITEM	SUPPLIED BY OWNER	SUPPLIED BY EQUIP. VENDOR	INSTALLED BY EQUIP. VENDOR	SUPPLIED BY SIGN/GRAPHICS VENDOR	INSTALLED BY SIGN/GRAPHICS VENDOR	SUPPLIED BY G.C.	INSTALLED BY G.C.
<b>DIVISION 06 - WOOD &amp; PLASTICS</b>							
STRUCTURAL FRAMING, MISC. BLOCKING							
FINISH CARPENTRY NOT INCLUDING MILLWORK							
CUSTOM MILLWORK (U.N.O.)							
MILLWORK: ELECTRICAL & BLOCKING REQUIREMENTS							
SHELVING (MILLWORK)							
<b>DIVISION 07 - THERMAL &amp; MOISTURE PROTECTION</b>							
INSULATION: BATT, SOUND BATT							
<b>DIVISION 08 - DOORS &amp; WINDOWS</b>							
WOOD DOORS/ WINDOWS							
ALUMINUM DOORS/ WINDOWS							
<b>DIVISION 09 - FINISHES</b>							
GYPSUM BOARD, CEILING, WALLS, ETC. AND REQUIRED FRAMING AND BLOCKING							
<b>DIVISION 10 - SPECIALTIES</b>							
SIGNS (U.N.O.)							
GRAPHICS (P.O.S.)							
<b>DIVISION 11 - EQUIPMENT</b>							
KITCHEN EQUIPMENT							
METAL SHELVING (WALL MTD.)							
<b>DIVISION 12 - FURNISHINGS</b>							
<b>DIVISION 15 - MECHANICAL</b>							
HVAC WORK							
PLUMBING WORK							
FIRE SPRINKLER WORK							
<b>DIVISION 16 - ELECTRICAL</b>							
DATA & PHONE CONDUIT, BOX, AND PULL STRING							
DATA & PHONE CABLING AND HOOKUP							
LIGHT FIXTURES (WITH LAMPS)							
EXIT LIGHTS, EMERGENCY LIGHTS, ETC.							
SIGNS (ELECTRICAL REQUIREMENTS)							

TEDROW DESIGN GROUP, ARCHITECT OF RECORD, IS NOT RESPONSIBLE FOR INTERPRETING THE INTENT OF THE CONSTRUCTION DOCUMENTS, INCLUDING MAKING MODIFICATIONS AS MAY BE NECESSARY DURING THE CONSTRUCTION PHASE. THE ARCHITECT OF RECORD IS NO LONGER LIABLE FOR WORK WHERE CHANGES TO THESE DOCUMENTS HAVE BEEN MADE.

PROJECT/CODE SUMMARY

**CODE DATA:**  
BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE (3RD PRINTING)  
2018 NORTH CAROLINA ADMINISTRATIVE CODE  
PLUMBING CODE: 2018 NORTH CAROLINA PLUMBING CODE (2ND PRINTING)  
MECHANICAL CODE: 2018 NORTH CAROLINA MECHANICAL CODE (2ND PRINTING)  
ELECTRICAL CODE: 2020 NATIONAL ELECTRIC CODE  
ENERGY CODE: 2018 NORTH CAROLINA STATE ENERGY CONSERVATION CODE  
FIRE CODE: 2018 NORTH CAROLINA FIRE PREVENTION CODE (2ND PRINTING)  
ACCESSIBILITY CODE: ICC/ANSI A117.1-2010 STANDARDS FOR ACCESSIBLE DESIGN

**PROJECT SUMMARY DATA:**  
OCCUPANCY: B  
CONSTRUCTION TYPE: TYPE II-B, NOT SPRINKLERED

**EGRESS DATA:**  
TOTAL FLOOR AREA - USEABLE: -1,591 SF

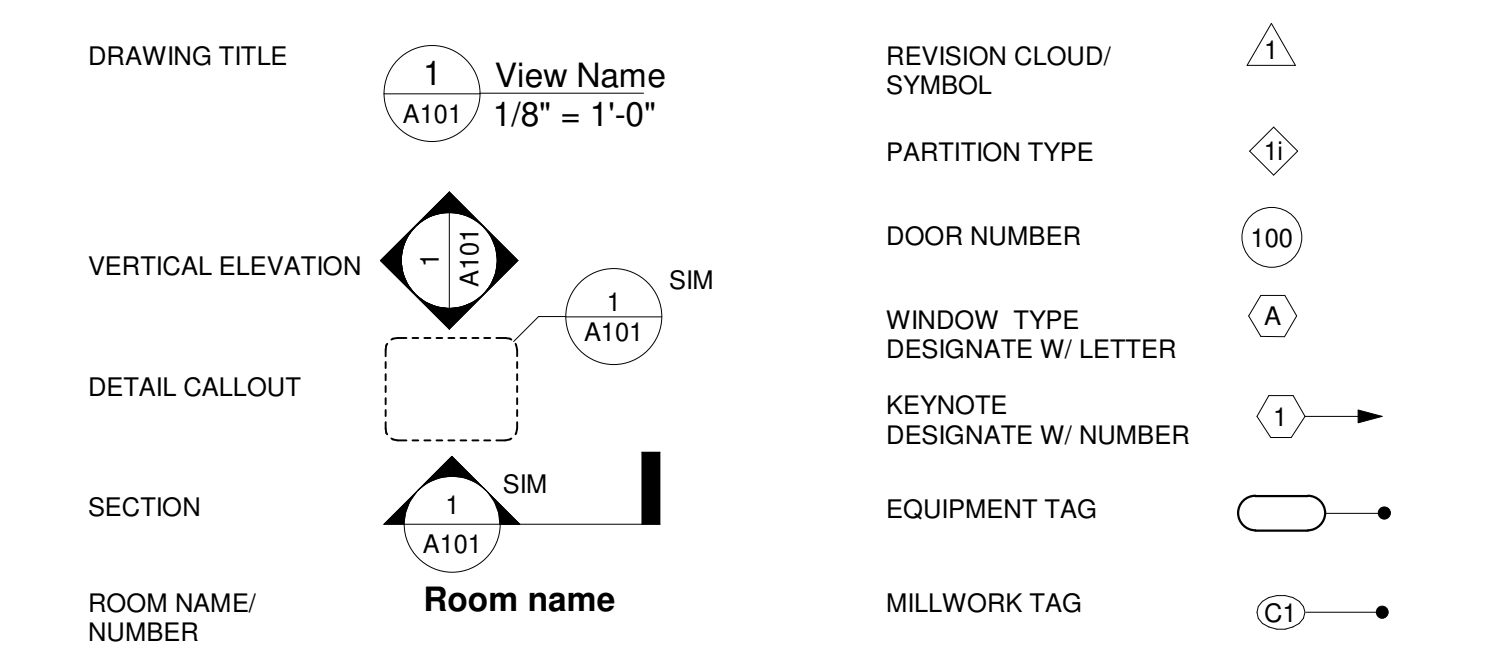
**OCCUPANT LOAD:**  
SEATING:  
UNCONCENTRATED ASSEMBLY: 420 SQ. FT. / 15 = 28  
KITCHEN/PRODUCTION: 645 SQ. FT. / 100 = 7  
COOLER/FREEZER: 106 SQ. FT. / 500 = (1) STORAGE/NON HABITABLE  
OTHER (CIRCULATION/RESTROOM): 420 SQ. FT. SIMULTANEOUS USE  
TOTAL OCCUPANT LOAD: 36

**EXITS:**  
OCCUPANT LOAD < 50  
TRAVEL DISTANCE TO EXIT < 75'-0"  
NUMBER OF EXITS REQUIRED: 1  
NUMBER OF EXITS PROVIDED: 1 FOR PATRONS  
1 FOR EMPLOYEES

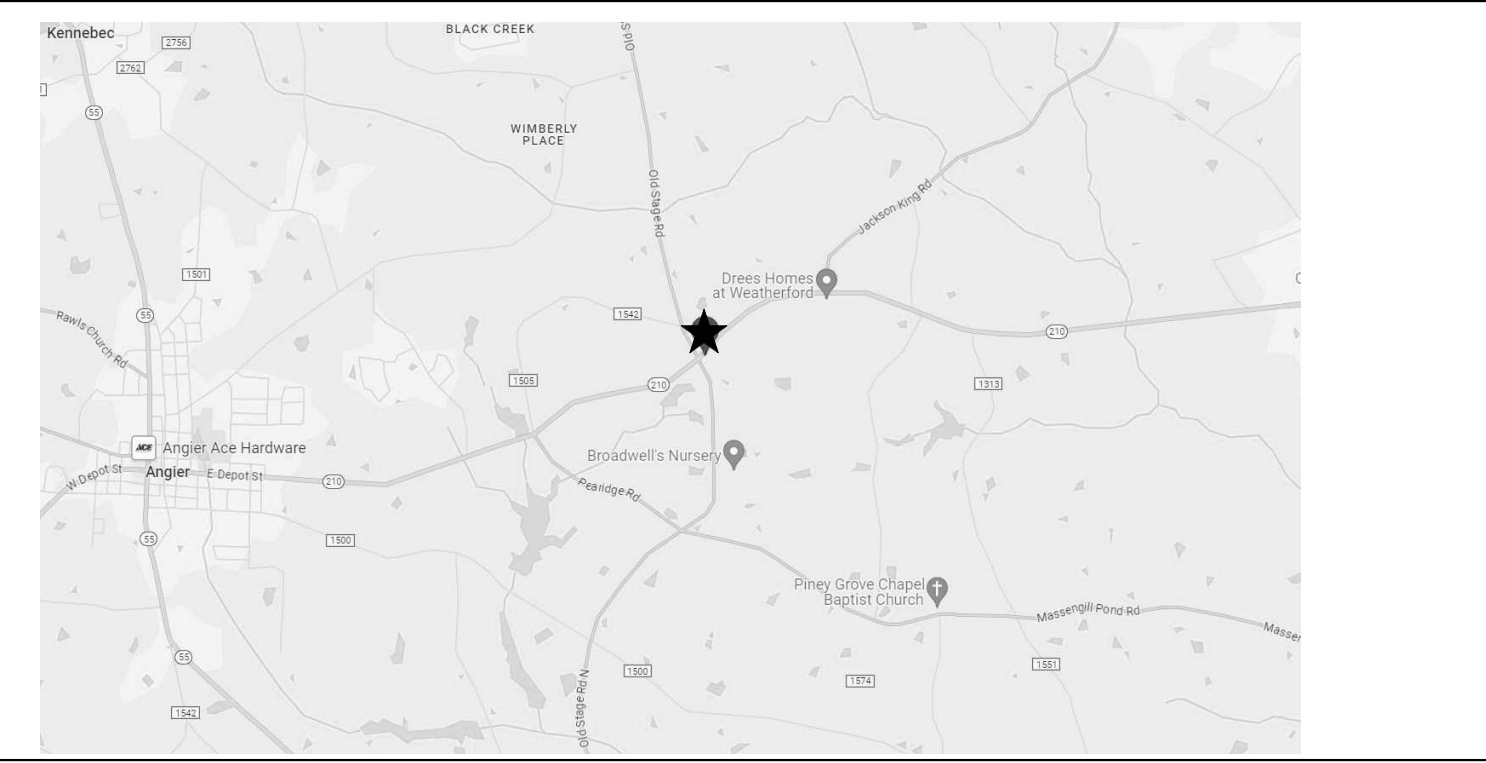
ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	GALV	GALVANIZED	RAD	RADIUS
ATC	ACOUSTIC TILE CEILING	GC	GENERAL CONTRACTOR	REF	REFERENCE
A/C	AIR CONDITIONING	GB	GRAB BAR	RET	RETURN
ALUM	ALUMINUM	GPF	GALLONS PER FLUSH	RA	RETURN AIR
BD	BOARD	GWB	GYPSUM WALL BOARD	RM	ROOM
BO	BOTTOM OF	HDW	HARDWARE	STR	STRUCTURAL
BLDG	BUILDING	HTG	HEATING	SU	STUB UP
CLG	CEILING	HVAC	HEATING/VENTILATION/	SUP	SUPPLY
CM	CEILING MOUNTED	HT	HEIGHT	SA	SCHEDULE
CT	CERAMIC TILE	HORZ	HORIZONTAL	SCH	SECTION
CO	CLEAN OUT	HW	HOT WATER	SEL	SELECT
CW	COLD WATER	IN	INCH	SHT	SHEET
COL	COLUMN	ID	INDIRECT DRAIN	SIM	SIMILAR
CONC	CONCRETE	JT	JOINT	SCW	SOLID CORE WOOD
CMU	MASONRY UNIT	SO	SQUARE	SPK	SPEAKER
DC	DATA/TELEPHONE	ST	STANDARD	SPEC	SPECIFICATIONS
DET	DETAIL	STD	STANDARD	SO	SQUARE
DIM	DIMENSION	STL	STEEL	STD	STANDARD
DR	DIRECT DRAIN	ST	STORAGE	STL	STEEL
DB	DOOR	SV	LAVATORY	ST	STEEL
DWG	DRAWING	MATL	MATERIAL	TEL	TELEPHONE
EA	EACH	MC	MECHANICAL	THK	THICK (NESS)
EAC	ELECTRICAL	MECH	MECHANICAL	TL	TILE
EAC	ELECTRICAL	MFR	MANUFACTURE (ER)	TO	TOP OF
ELEC	ELECTRICAL	MIN	MINIMUM	TOS	TOP OF SLAB
EL	ELEVATION	MR	MIRROR	TYP	TYPICAL
EQ	EQUAL	MISC	MISCELLANEOUS	UNO	UNLESS NOTED
EXG	EXISTING	NIC	NOT IN CONTRACT	UR	URNAL
EXP	EXPANSION	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
EXT	EXTERIOR	NO	NUMBER	VT	VENT
FOF	FACE OF FINISH	OC	ON CENTER	VTR	VENT THRU ROOF
FOS	FACE OF STUDS	OP	OPENING	VERT	VERTICAL
FRP	FIBERGLASS REINFORCED	PC	PLUMBING CONTRACTOR	VB	VINYL BASE
FIN	FINISH	PNL	PANEL	WC	WATER CLOSET
FLR	FLOOR	PR	PAIR	WP	WATERPROOF
FD	FLOOR DRAIN	PLAM	PLASTIC LAMINATE	W	WIDTH
FS	FLOOR SINK	PWD	PLYWOOD	WIN	WINDOW
		QTY	QUANTITY	W	WITH
				WO	WITHOUT
				WD	WOOD

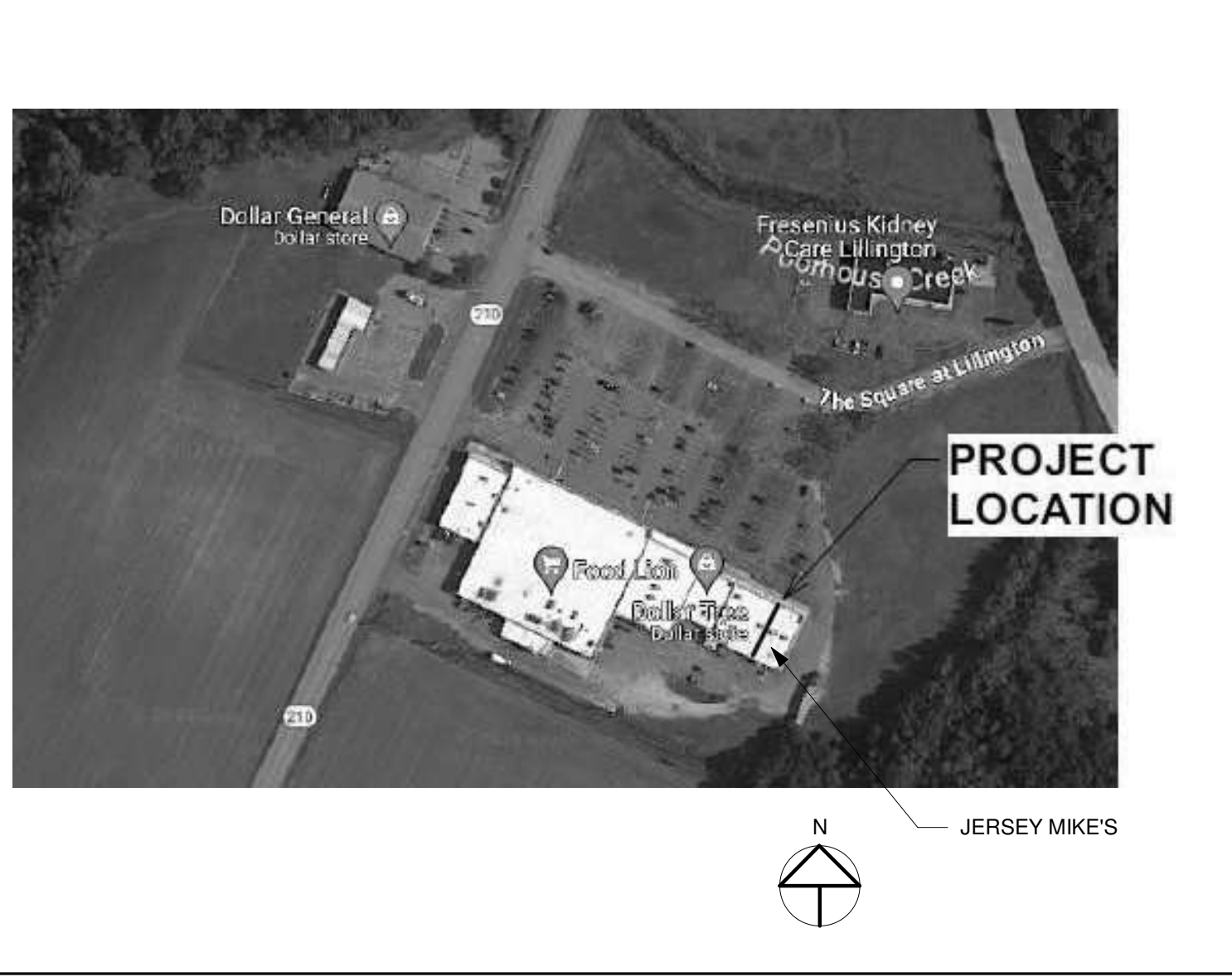
REFERENCE SYMBOLS



VICINITY MAP



KEY MAP



PROJECT DIRECTORY

**TENANT:**  
DANIEL MUSTIAN  
9532 HEBRON COMMERCE DRIVE  
CHARLOTTE, NC 28273  
CELL: 704.579.2849  
EMAIL: dpmustian@gmail.com OR  
RODGER BLAKE-WARD  
rblake8506@aol.com  
704-400-8628

**TENANT PROJECT ARCHITECT:**  
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2866 ADAMS BROOK WAY  
ATLANTA, GEORGIA 30339  
PHONE: 678.777.9548  
FAX: 770.972.0660  
EMAIL: TOM.TEDROW@TEDROWDESIGN.COM

**MEP CONSULTANT:**  
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PROFESSIONAL ENGINEER  
1827 POWERS FERRY ROAD SE, BLDG 20, STE. 100  
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(770) 953-1443 FAX: (770) 953-9533

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**PROJECT DESIGNER:**  
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EMAIL: KACIE.REISMAN@TEDROWDESIGN.COM

GENERAL NOTES

- ALL CONSTRUCTION MUST COMPLY WITH ALL GOVERNING CODES.
- ADA ISSUES WILL COMPLY TO THE ACCESSIBILITY CODES AS ESTABLISHED BY THE STATE LOCAL CODES.
- ALL CONTRACTOR AND SUBCONTRACTORS WILL THOROUGHLY FAMILIARIZE THEMSELVES WITH THESE CONSTRUCTION DOCUMENTS AND WILL VERIFY EXISTING SITE AND BUILDING CONDITIONS PRIOR TO SUBMITTING A BID.
- SUBCONTRACTORS, BEFORE STARTING THEIR WORK WILL CHECK AND VERIFY THEIR PARTICULAR RELATED REQUIREMENTS FOR COMPLIANCE ALONG WITH MEASUREMENTS, SURFACE LEVELS, AND SURFACE CONDITIONS NEAR AND ABOUT THEIR WORK. IT WILL BE CONCLUDED THAT EACH BIDDER UNDERSTANDS AND KNOWS EXACTLY WHAT WILL BE REQUIRED.
- THIS ARCHITECT AND HIS PROFESSIONAL CONSULTANTS WILL NOT HAVE CONTROL OF AND WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, OR FOR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK ON THIS PROJECT OR FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK ON THIS SITE.
- ALL CONTRACTORS WILL PROVIDE ADEQUATE BRACING AND OR SHORING OF THE BUILDING AND ALL RELATED BUILDING COMPONENTS, I.E. STRUCTURAL WALLS, INTERIOR WALL ASSEMBLIES ETC. DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- ALL WORK WILL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCE AND PRESERVE MAXIMUM HEADROOM AND AVOID OMISSIONS. EACH CONTRACTOR WILL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED BY CODE AND NEEDED TO COMPLETE THIS WORK.
- ALL MATERIALS USED WILL BE NEW AND BEAR U.I. LABELS WHERE REQUIRED AND MEET APPROPRIATE N.E.M.A. STANDARDS.
- LAYOUT ALL PARTITIONS BEFORE BEGINNING CONSTRUCTION TO PREVENT ERRORS BY DISCREPANCY. ALL DRYWALL PARTITIONS WILL BE INSTALLED AS NOTED ON THE DRAWINGS. DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING CUTTING AND/OR INSTALLING MATERIAL, PRODUCT OR EQUIPMENT. IN THE EVENT OF ANY DISCREPANCIES, CONTACT THE ARCHITECT BEFORE PRECEDING WITH THAT WORK.
- ALL SUBCONTRACTORS WILL PROVIDE A CERTIFICATE OF INSURANCE TO THE OWNER AND LANDLORD PRIOR TO STARTING ANY WORK ON THIS PROJECT. CERTIFICATE OF INSURANCE CANNOT BE TERMINATED OR CANCELLED WITHOUT 10 DAYS PRIOR WRITTEN NOTICE TO THE OWNER.
- NO SUBSTITUTIONS OF ANY KIND FOR MATERIALS SPECIFIED ON THESE CONSTRUCTION DOCUMENTS IS ALLOWED. NO "EQUIVALENT" SUBSTITUTIONS WILL BE MADE, UNLESS APPROVED IN WRITING BY THE ARCHITECT AND APPROVED BY THE OWNER DUE TO THE LACK OF AVAILABILITY OF ORIGINAL.
- EACH CONTRACTOR IS RESPONSIBLE FOR FIRST CLASS WORKMANSHIP AND WILL ASSUME ALL RESPONSIBILITY FOR THE CARE AND PROTECTION OF HIS OWN WORK AND MATERIALS FROM DAMAGE. HE WILL MAKE GOOD ANY DAMAGE TO HIS OWN OR OTHER WORK CAUSED BY HIMSELF OR WORKMEN EMPLOYED BY HIM.
- EACH CONTRACTOR WILL ABIDE BY LOCAL AREA STANDARDS AND RELATED OSHA STANDARDS FOR THE SAFETY OF THEIR EMPLOYEES ON SITE. THIS ARCHITECT AND HIS PROFESSIONAL CONSULTANTS WILL BE HELD HARMLESS BY THE OWNER, GC AND RELATED AWARDED TRADES, ON THIS PROJECT FOR ACCIDENTS OF INJURIES CAUSED OR ACCURED ON THIS PROPERTY DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- LIENS: ALL SUBCONTRACTORS AND GENERAL CONTRACTOR WILL DELIVER TO THE LANDLORD A COMPLETE RELEASE OF ALL ITEMS ARISING OUT OF THIS CONTRACT AND/OR RECEIPTS IN FULL LIEU THEREOF TOWARDS THEIR PARTIAL OR FINAL PAYMENT FOR WORK IN PLACE FOR THE OWNER.
- GENERAL CONTRACTOR TO PAY FOR ALL SCAVENGER SERVICES, AND WILL BE RESPONSIBLE FOR REMOVAL OF DEBRIS ACCUMULATED BY EACH TRADE. HOWEVER, EACH TRADE WILL KEEP THE JOB SITE CLEAN AND SAFE AT ALL TIMES, ALONG WITH A BROOM FINISH AT THE END OF EACH WORKING DAY.
- CONSTRUCTION CLEAN-UP: AFTER ALL OTHER WORK IS COMPLETED AND JUST PRIOR TO TURNING THE SPACE OVER TO THE OWNER, THE CONSTRUCTION MANAGER WILL EMPLOY THE SERVICES OF A PROFESSIONAL CLEANING SERVICES TO CLEAN AND WASH DOWN ALL INSTALLED EQUIPMENT, SERVICE AREAS, ALONG WITH THE CLEANING OF ALL GLASS WINDOW/DOOR SURFACES PRIOR TO OCCUPANCY.

REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
DRAWN BY: KFR  
CHECKED BY: JFT  
ISSUE DATE: 05/17/2024

T1.1

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: Jersey Mike's Subs
Address: The Square at Lillington, NC hwy 210 S, Lillington, NC
Owner/Authorized Agent: Daniel Mustian Phone # (704) 579-2849

DESIGNER: FIRM, NAME, LICENSE #, TELEPHONE #, E-MAIL
Architectural: Thomas F. Tedrow, Thomas F. Tedrow, 10079, (678) 777-9548, tom.tedrow@tedrowdesign.com

2018 NC BUILDING CODE: [X] New Building [ ] Addition [X] Renovation-INTERIOR
[ ] 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE: EXISTING: [ ] Prescriptive [ ] Repair [ ] Chapter 14
Alteration: [ ] Level I [X] Level II [ ] Level III

CONSTRUCTED: (date) CURRENT OCCUPANCY(S) (Ch. 3):
RENOVATED: (date) PROPOSED OCCUPANCY(S) (Ch. 3): BUSINESS

RISK CATEGORY (Table 1604.5): Current: [ ] I [ ] II [ ] III [ ] IV
Proposed: [ ] I [X] II [ ] III [ ] IV

BASIC BUILDING DATA
Construction Type: [ ] I-A [X] II-A [ ] III-A [ ] IV [ ] V-A
Sprinklers: [X] No [ ] Partial [ ] Yes [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D

Gross Building Area Table
Floor: EXISTING (sq FT), NEW (sq FT), SUB-TOTAL
3rd Floor: 0, 0, 0

ALLOWABLE AREA
Primary Occupancy Classification(s):
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
Business [X]

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections):

Mixed Occupancy: [ ] No [X] Yes Separation: 2 Hr. Exception:
[ ] Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building.

2018 NC Administrative Code and Policies
Life Safety Plan Sheet #: A0.1
[X] Fire and/or smoke rated wall locations (Chapter 7)

2018 NC Administrative Code and Policies
Life Safety Plan Sheet #: A0.1
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations (if not on the site plan)

Table with 4 columns: STORY NO., DESCRIPTION AND USE, (A) BLDG AREA PER STORY (ACTUAL), (B) TABLE 506.2 AREA, (C) AREA FOR FRONTAGE INCREASE 1.5, (D) ALLOWABLE AREA PER STORY OR UNLIMITED 2.3

Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = \_\_\_\_\_ (F)
b. Total Building Perimeter = \_\_\_\_\_ (P)

ALLOWABLE HEIGHT
Table with 4 columns: Building Height in Feet (Table 504.3) 2, ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE 3

Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. The maximum height of air traffic control towers must comply with Table 412.3.1. The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS

Table with 7 columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATING, DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, SHEET # FOR RATED PENETRATION, SHEET # FOR RATED JOINTS

\* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

Table with 4 columns: FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES, DEGREE OF OPENINGS PROTECTION (TABLE 705.8), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%)

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: A0.1
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations (if not on the site plan)

ACCESSIBLE DWELLING UNITS (SECTION 1107)

Table with 8 columns: TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1106)

Table with 5 columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES REQUIRED, # OF ACCESSIBLE SPACES PROVIDED, TOTAL # ACCESSIBLE PROVIDED

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

Table with 6 columns: USE, WATERCLOSETS, LAVATORIES, SHOWERS/TUBS, DRINKING FOUNTAINS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY N/A

ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided.

Existing building envelope complies with code: [ ] No [X] Yes (The remainder of this section is not applicable)

Climate Zone: [ ] 3A [ ] 4A [ ] 5A
Method of Compliance: Energy Code [ ] Performance [X] Prescriptive

THERMAL ENVELOPE (Prescriptive method only)

Roof/Ceiling Assembly (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Exterior Walls (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:

2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN

DESIGN LOADS: (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE) N/A

Importance Factors: Snow (Ia) Seismic (Ia)
Live Loads: Roof Mezzanine Floor
Ground Snow Load:
Wind Load: Ultimate Wind Speed Exposure Category

SEISMIC DESIGN CATEGORY: [ ] A [ ] B [ ] C [ ] D
Risk Category (Table 1604.5) [ ] I [ ] II [ ] III [ ] IV

Basic structural system
Analysis Procedure: Architectural, Mechanical, Components anchored?
LATERAL DESIGN CONTROL: Earthquake [ ] Wind [ ]
SOIL BEARING CAPACITIES: Field Test (provide copy of test report) Presumptive Bearing capacity

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS MECHANICAL DESIGN

MECHANICAL SUMMARY (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone: winter dry bulb: 23.0F summer dry bulb: 93.0F
Interior design conditions: winter dry bulb: 72.0F summer dry bulb: 75.0F
Building heating load: 80.3 MBH
Building cooling load: 116.1 MBH

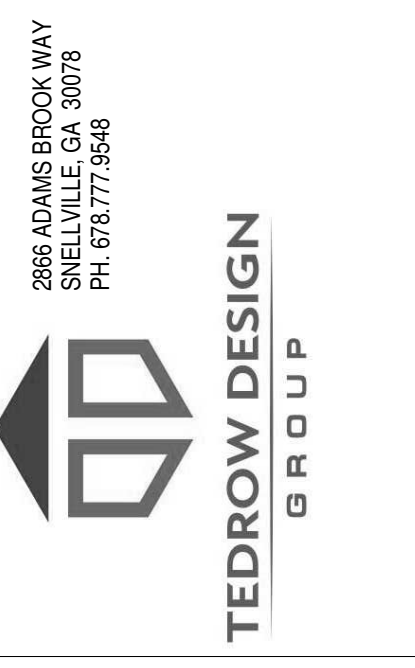
2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS ELECTRICAL DESIGN

ELECTRICAL SUMMARY (PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code: [X] Prescriptive [ ] Performance
ASHRAE 90.1: [ ] Prescriptive [ ] Performance
Lighting schedule (each fixture type)
Fixture A and A-1L: 1-50W LED Lamp, no ballast

THE CONTENTS OF THIS DRAWING WILL REMAIN THE PROPERTY OF TEDROW DESIGN GROUP...



JERSEY MIKE'S SUBS THE SQUARE AT LILLINGTON NC HWY 210 S LILLINGTON, NC 27546

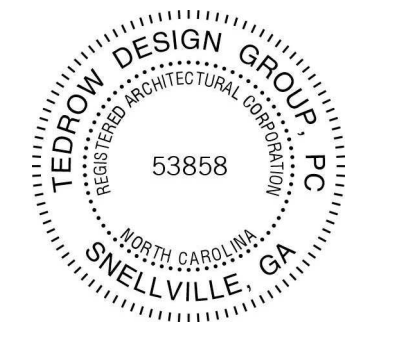


Table with 2 columns: REV. NO., DATE, DESCRIPTION

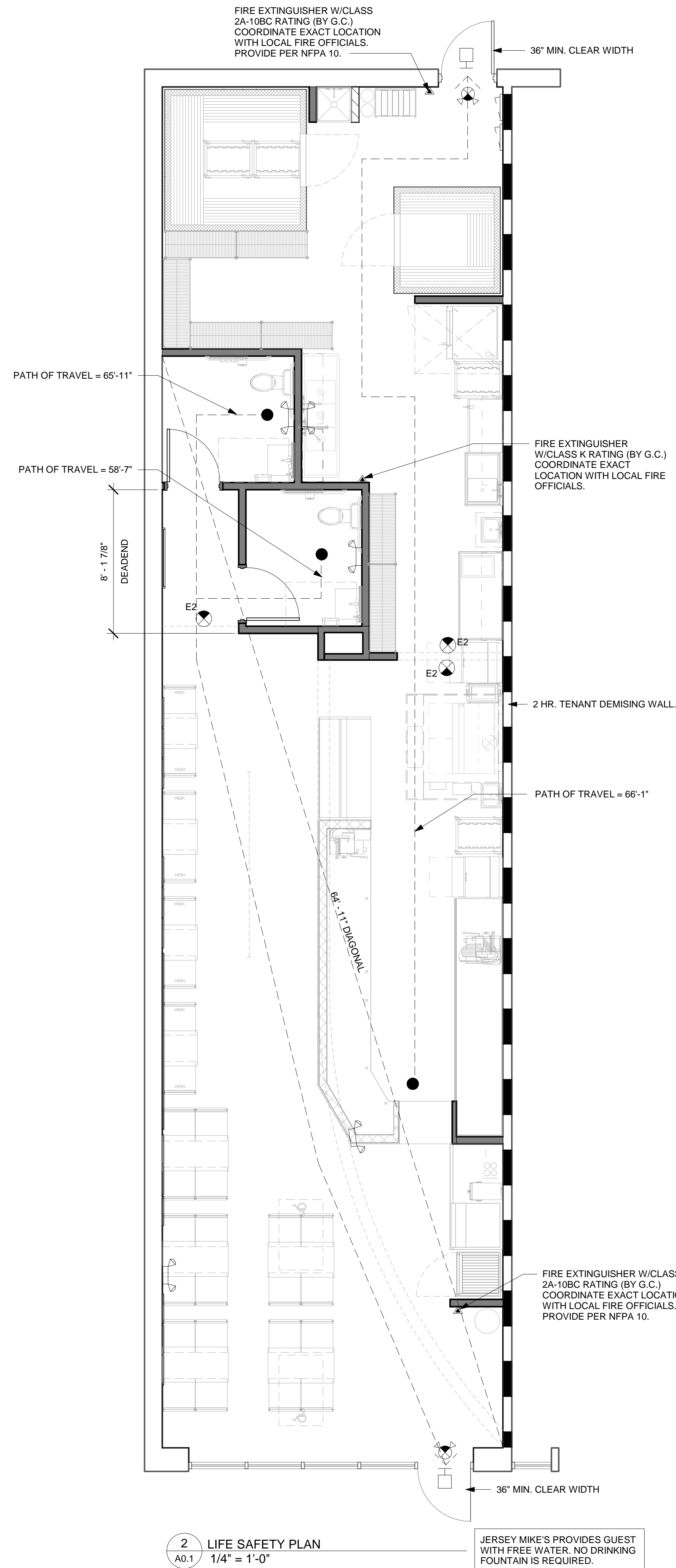
PROJECT NO.: JMMC-152 DRAWN BY: KFR CHECKED BY: JFT ISSUE DATE: 05/17/2024

APPENDIX B

A0.0

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5/20/2024 11:41:37 AM  
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 User: dm\dm\DMC-152\_LILLINGTON\_NC\_24-11-24.dwg



2 LIFE SAFETY PLAN  
 A0.1 1/4" = 1'-0"

JERSEY MIKE'S PROVIDES GUEST WITH FREE WATER. NO DRINKING FOUNTAIN IS REQUIRED.

LEGEND	
SYMBOL	FIXTURE
	EXIT SIGN
	EXIT SIGN/EMERGENCY LIGHT COMBO WITH BATTERY BACK UP
	EMERGENCY LIGHT

**EGRESS DATA:**  
 TOTAL FLOOR AREA - USEABLE: -1,591 SF

**OCCUPANT LOAD:**  
 SEATING:  
 UNCONCENTRATED ASSEMBLY: 420 SQ. FT. / 15 = 28

KITCHEN/PRODUCTION: 645 SQ. FT. / 100 = 7  
 COOLER/FREEZER: 106 SQ. FT. / 500 = (1) STORAGE/NON HABITABLE  
 OTHER (CIRCULATION/RESTROOM): 420 SQ. FT. SIMULTANEOUS USE  
 TOTAL OCCUPANT LOAD: 36

**EXITS:**  
 OCCUPANT LOAD < 30  
 TRAVEL DISTANCE TO EXIT < 75'-0"  
 NUMBER OF EXITS REQUIRED: 1  
 NUMBER OF EXITS PROVIDED: 1 FOR PATRONS  
 1 FOR EMPLOYEES

EGRESS WIDTH PER OCCUPANT SERVED					
CAPACITY FACTOR		TOTAL WIDTH FACTOR		TOTAL WIDTH PROVIDED	
STAIRWAYS (INCHES PER OCCUPANT)	LEVEL COMPONENTS AND RAMPS (INCHES PER OCCUPANT)	STAIRWAYS (INCHES)	DOORWAYS (INCHES)	STAIRWAYS (INCHES)	DOORWAYS (INCHES)
0.3	0.2	-	7.2	-	72

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JERSEY MIKE'S SUBS  
 THE SQUARE AT LILLINGTON - #8  
 NC HWY 210  
 LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

PROJECT NO.: JMMC-152  
 DRAWN BY: KRR  
 CHECKED BY: IFT  
 ISSUE DATE: 06/17/2024



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THE SQUARE AT LILLINGTON - #8  
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LILLINGTON, NC 27546



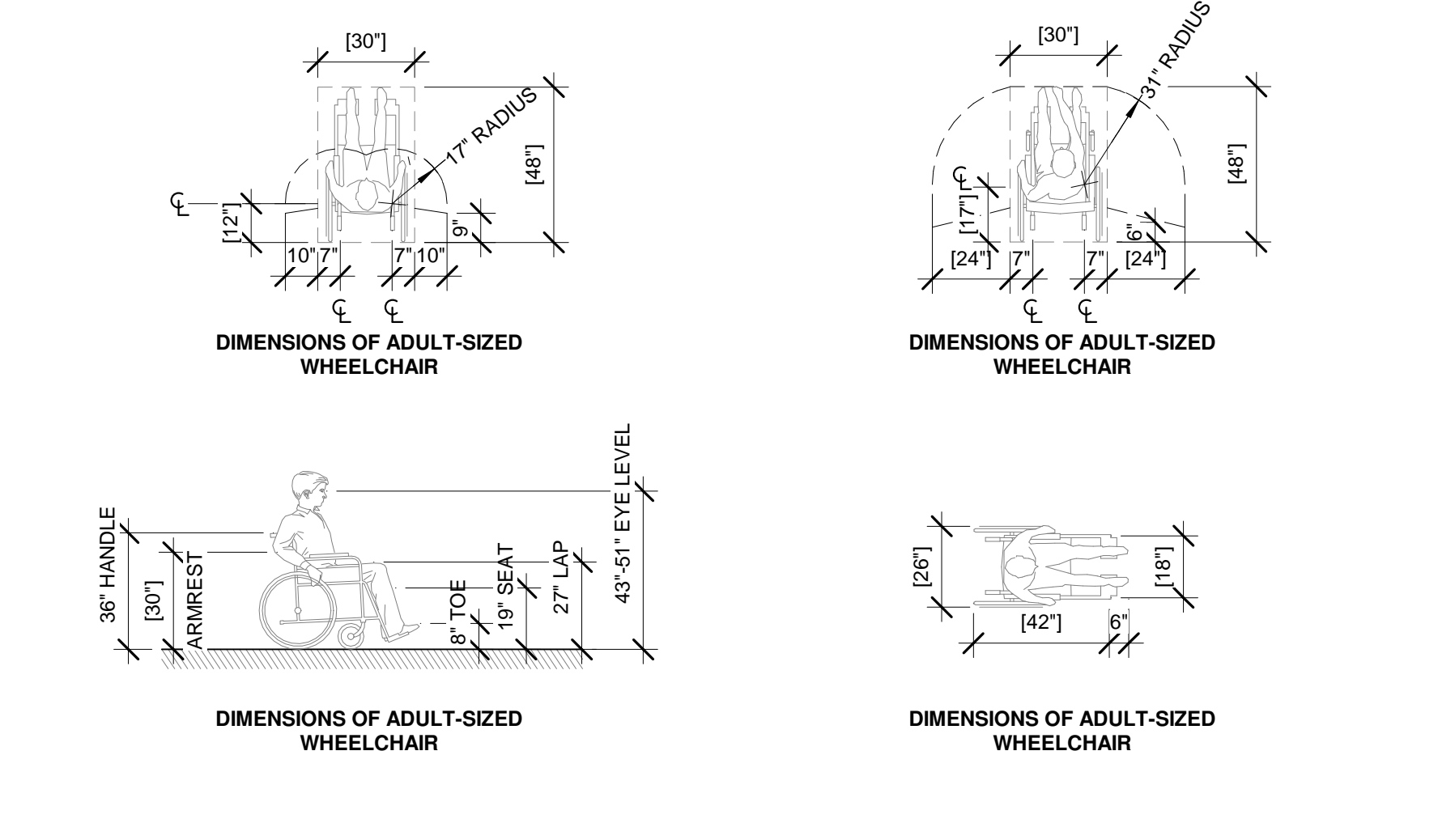
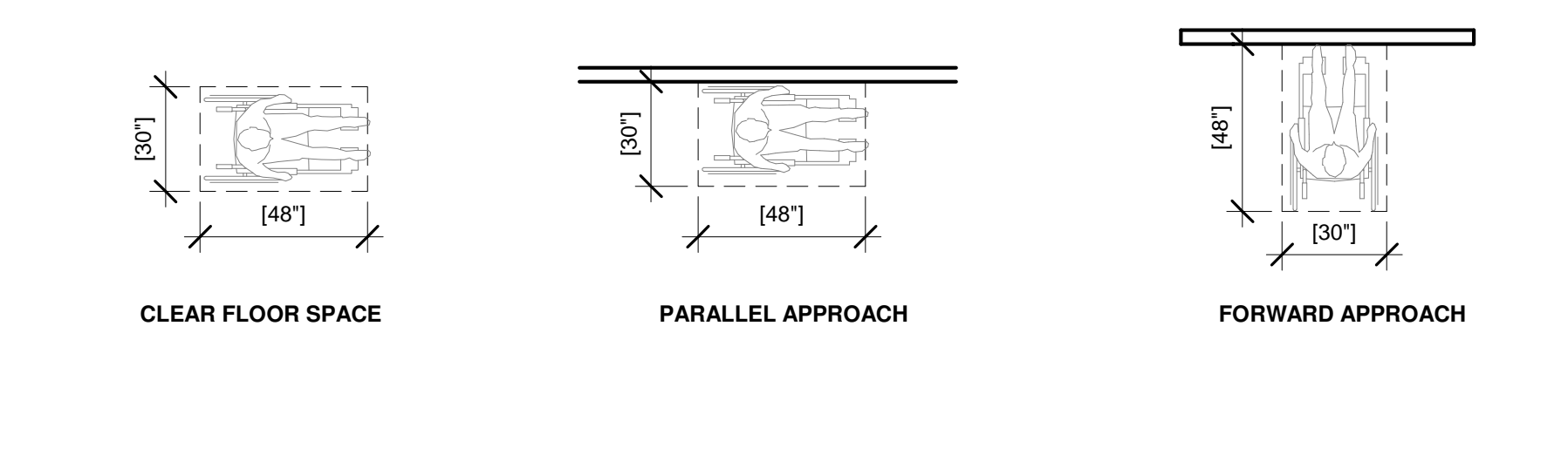
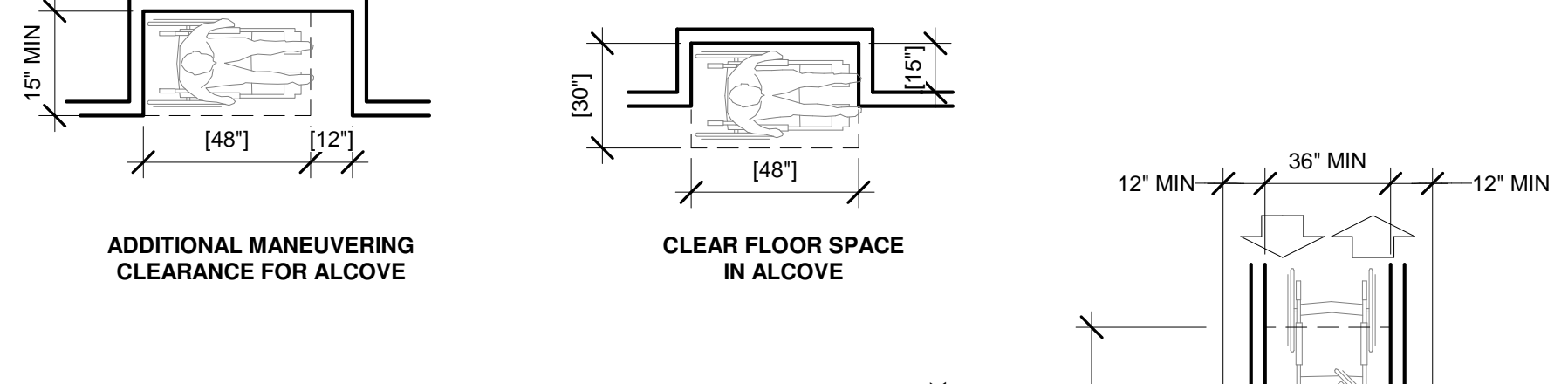
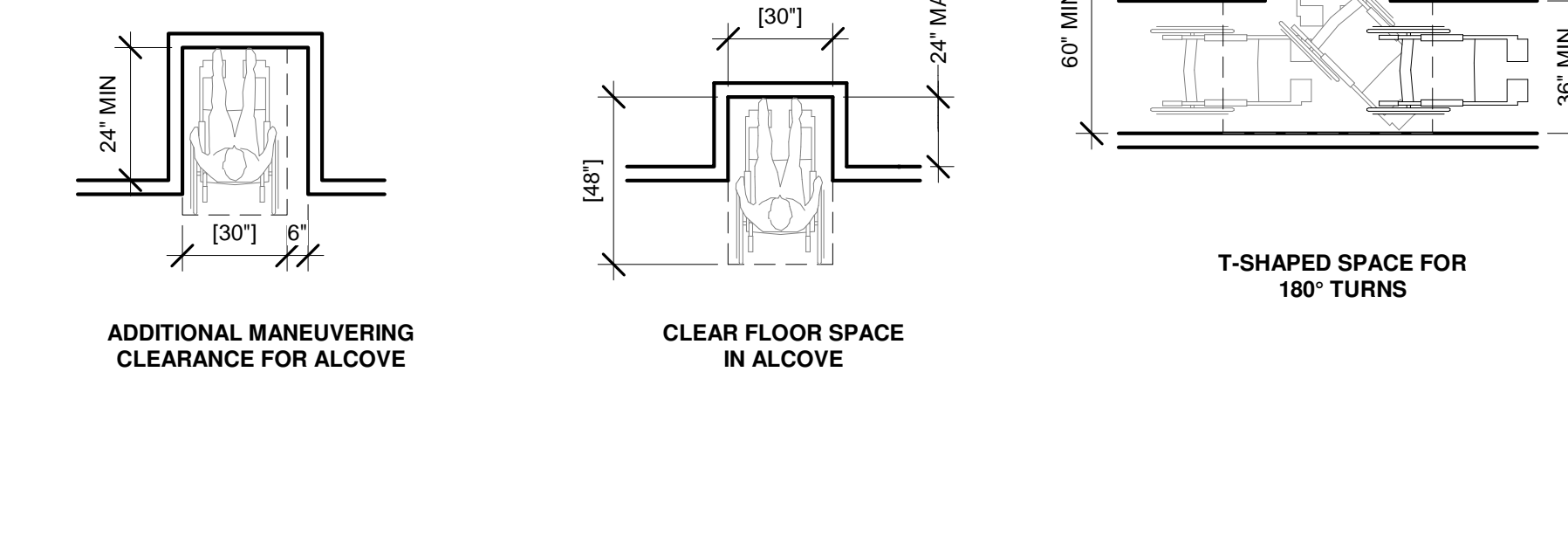
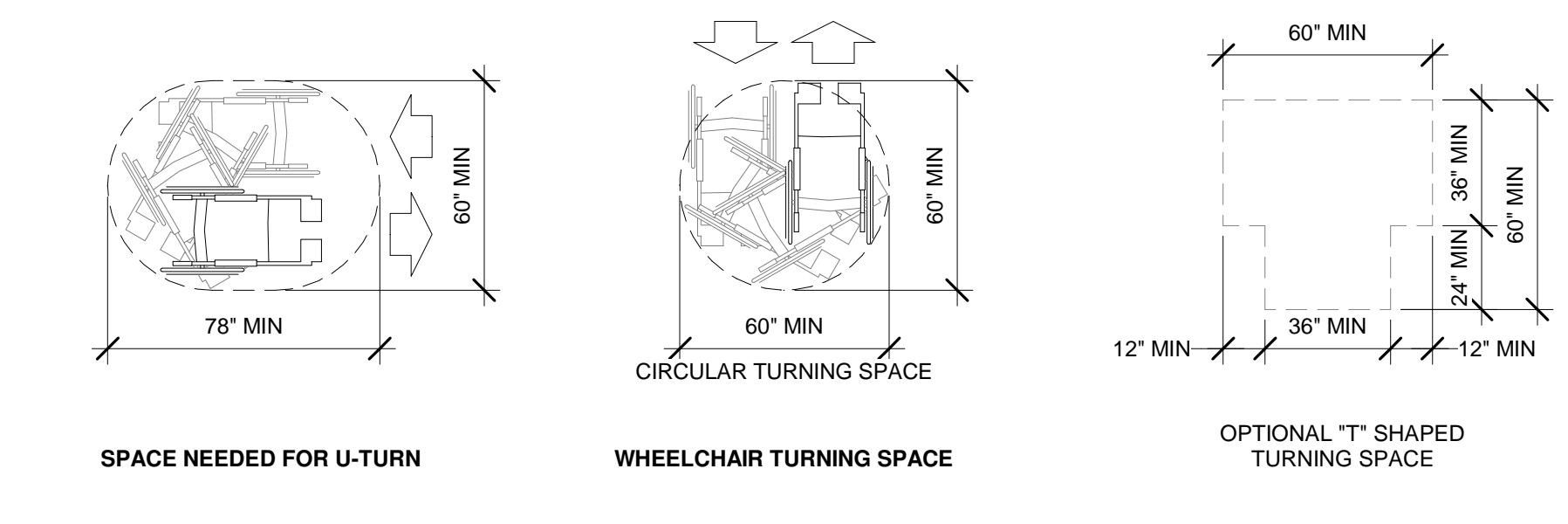
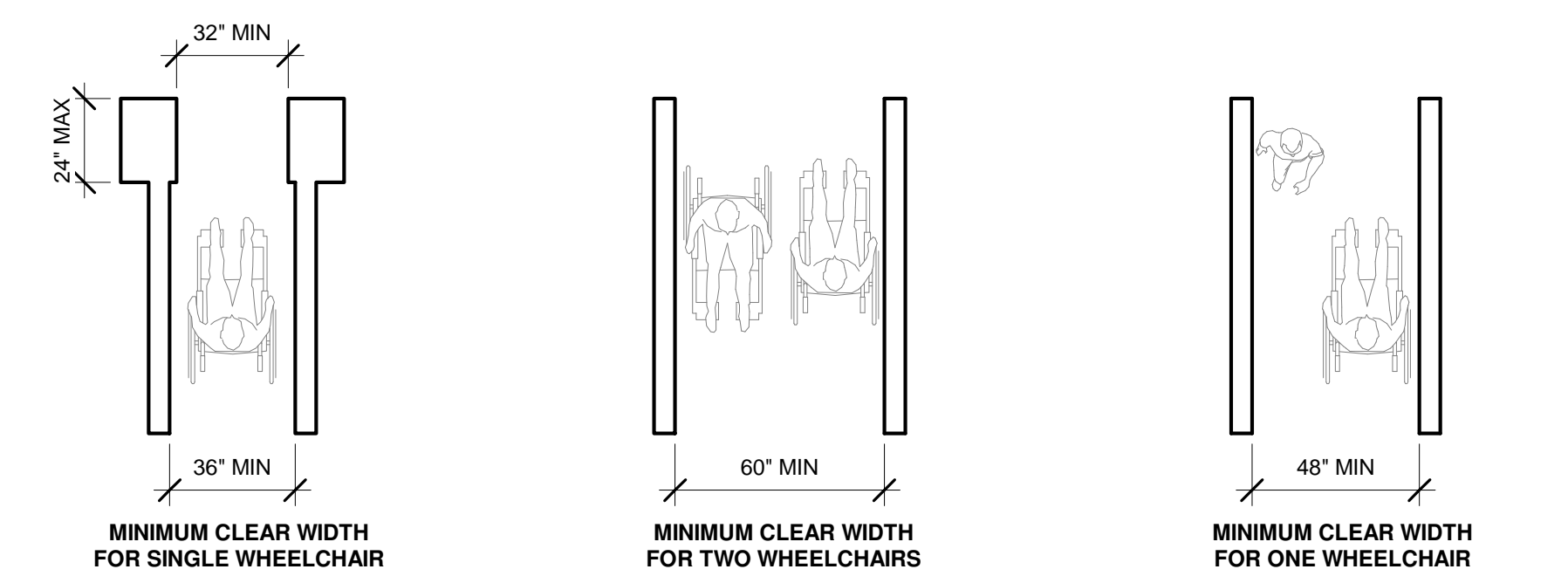
REV. NO.	DATE	DESCRIPTION

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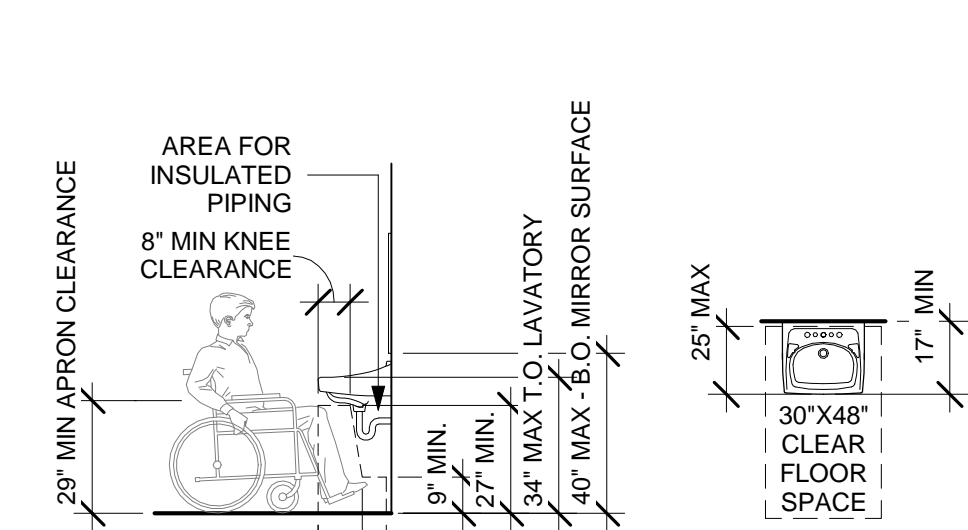
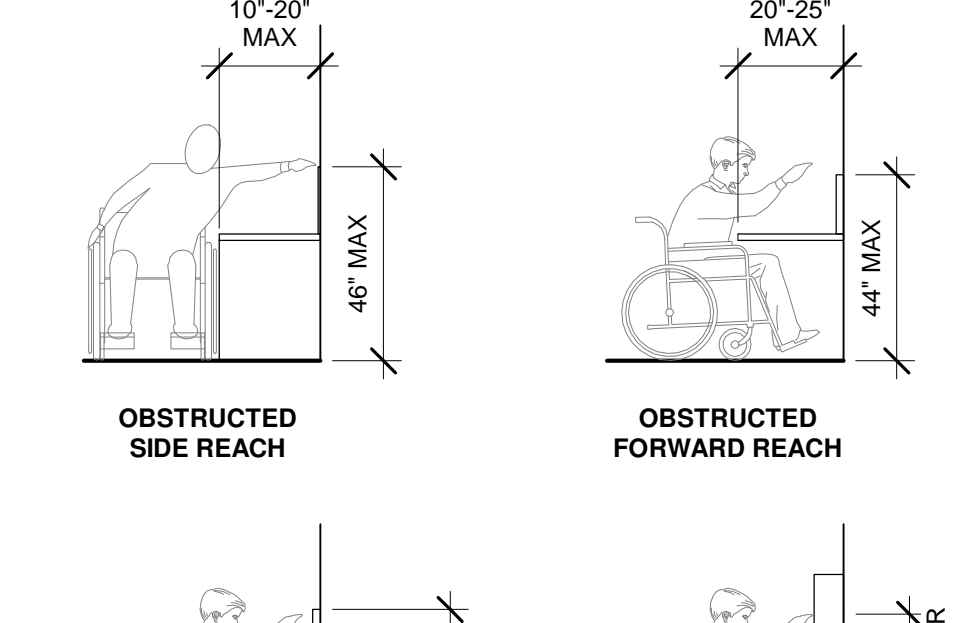
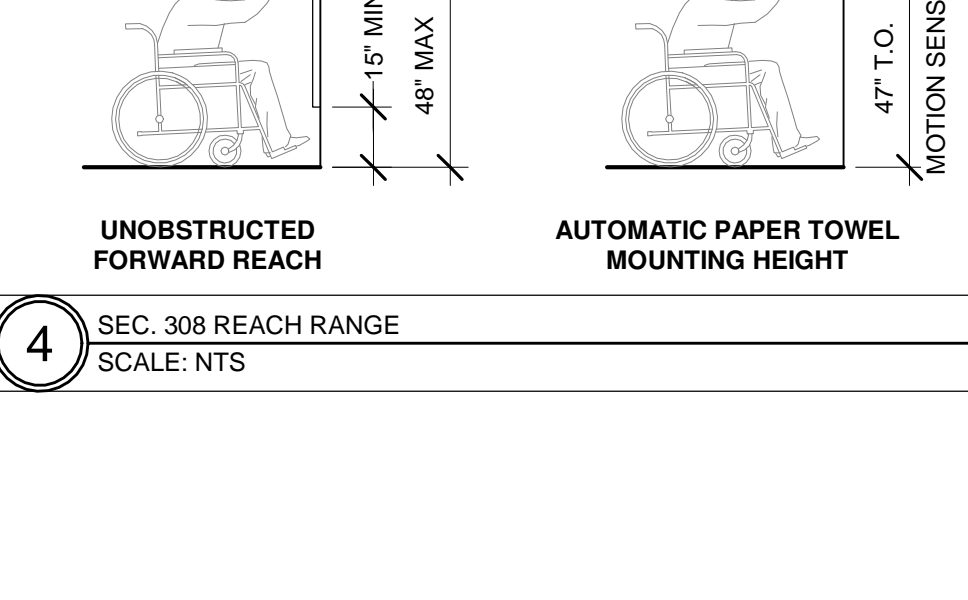
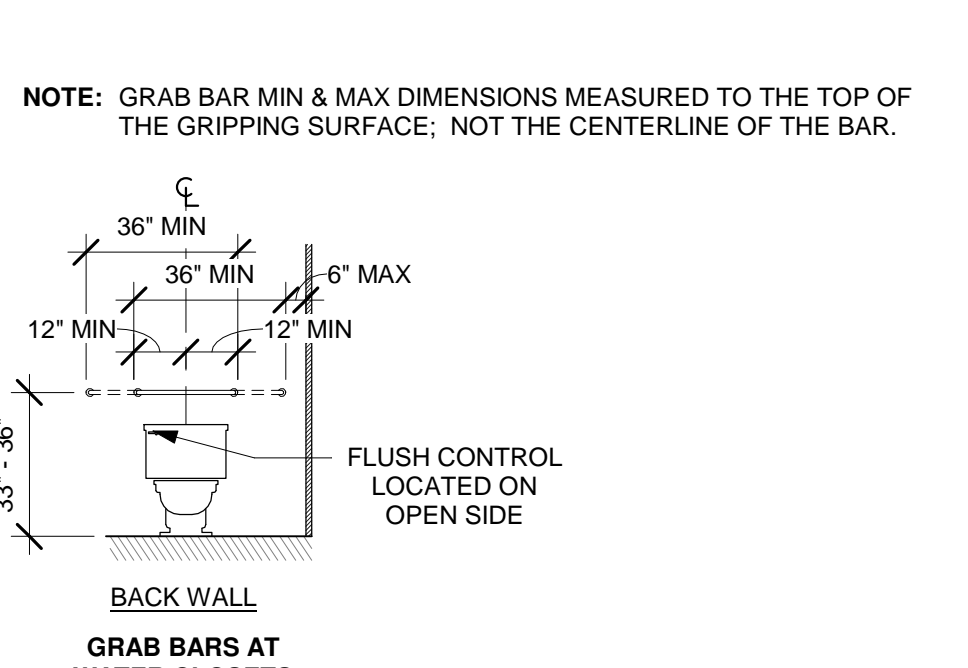
ACCESSIBILITY GUIDELINES

A0.3

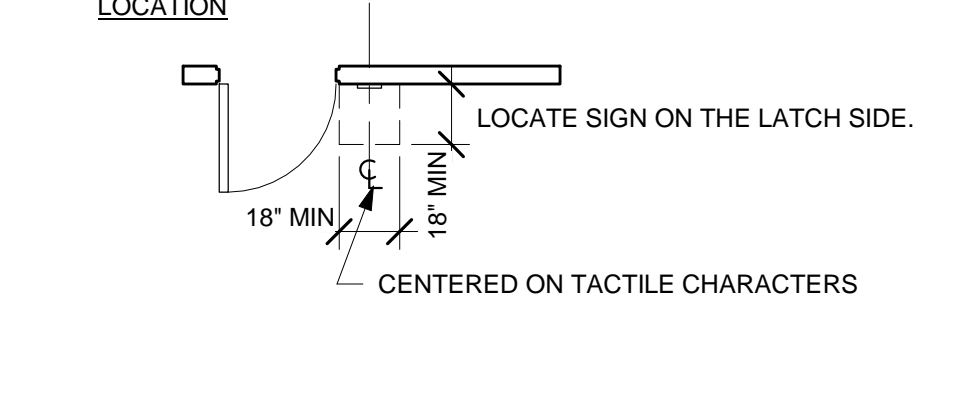
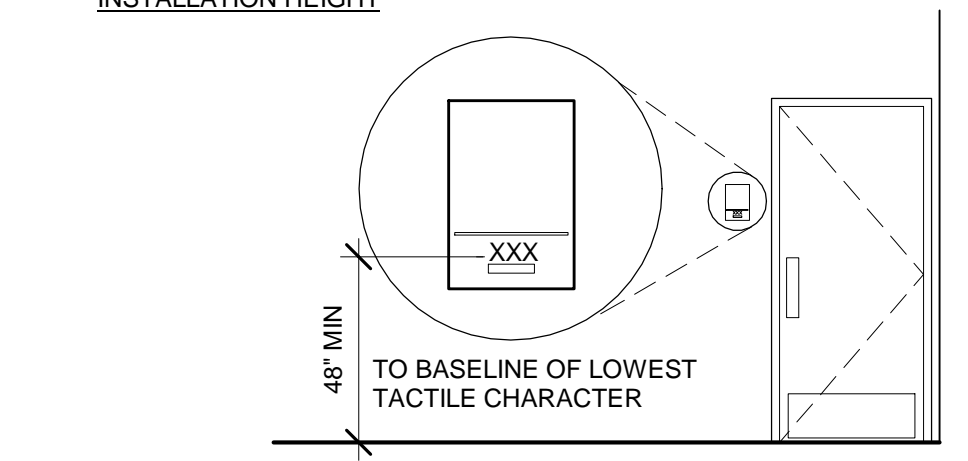
**1** SECTIONS 304 & 305 CLEAR FLOOR & GROUND SPACE REQUIREMENTS  
SCALE: NTS



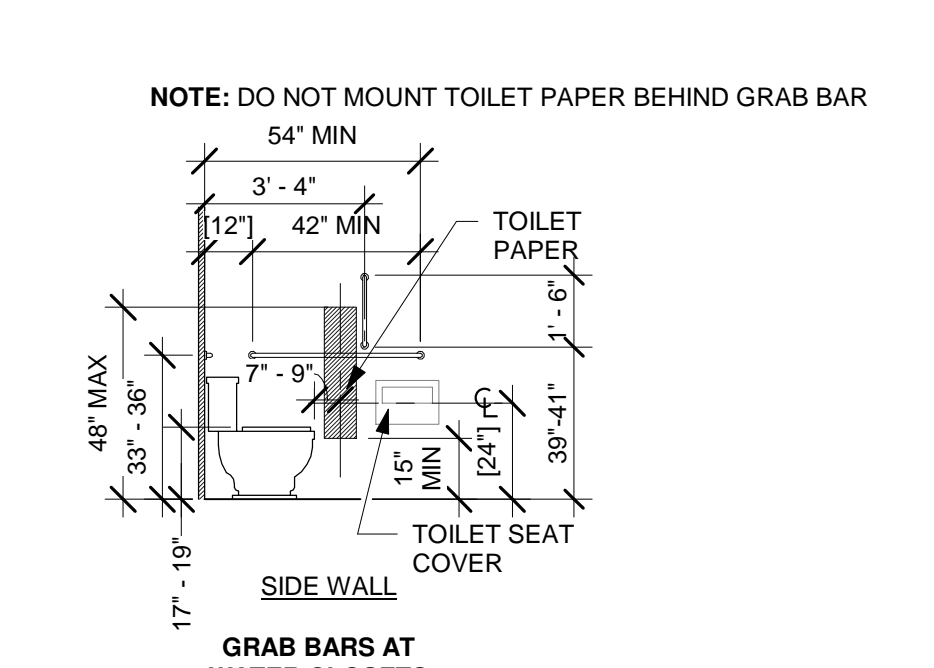
**4** SEC. 308 REACH RANGE  
SCALE: NTS



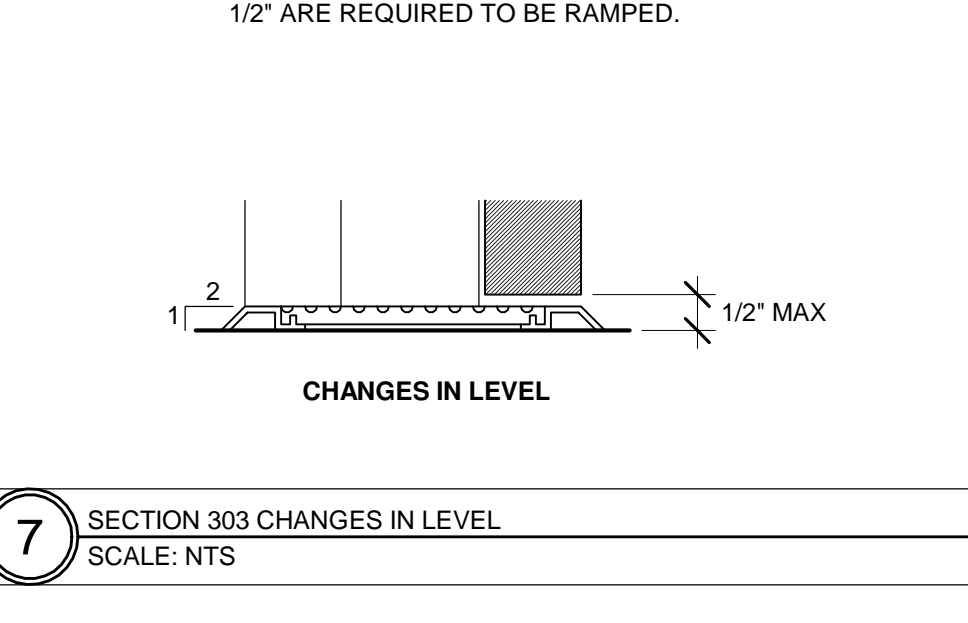
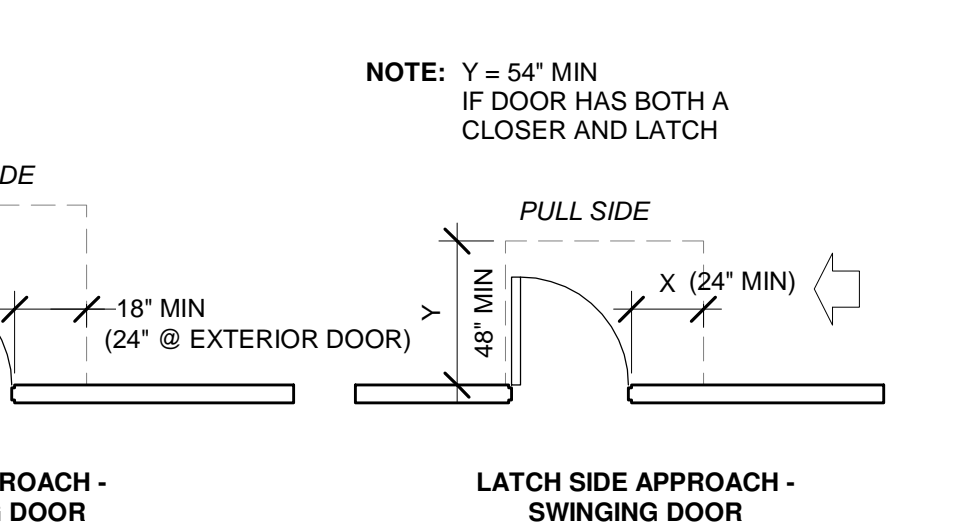
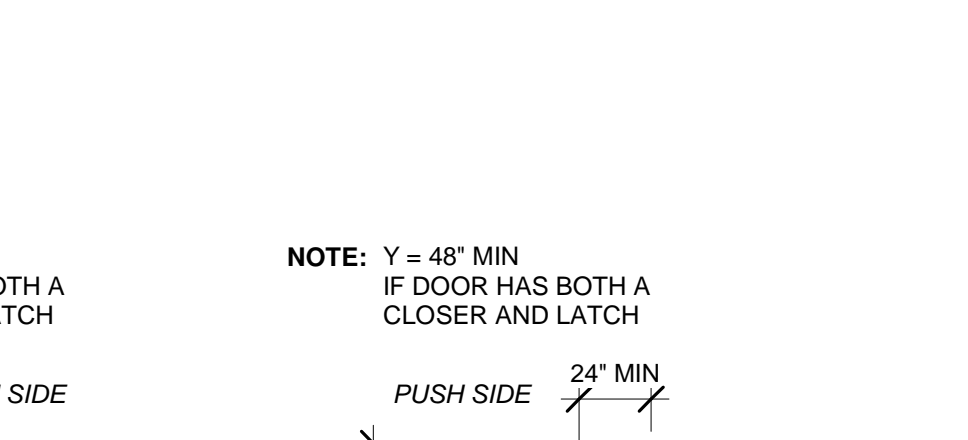
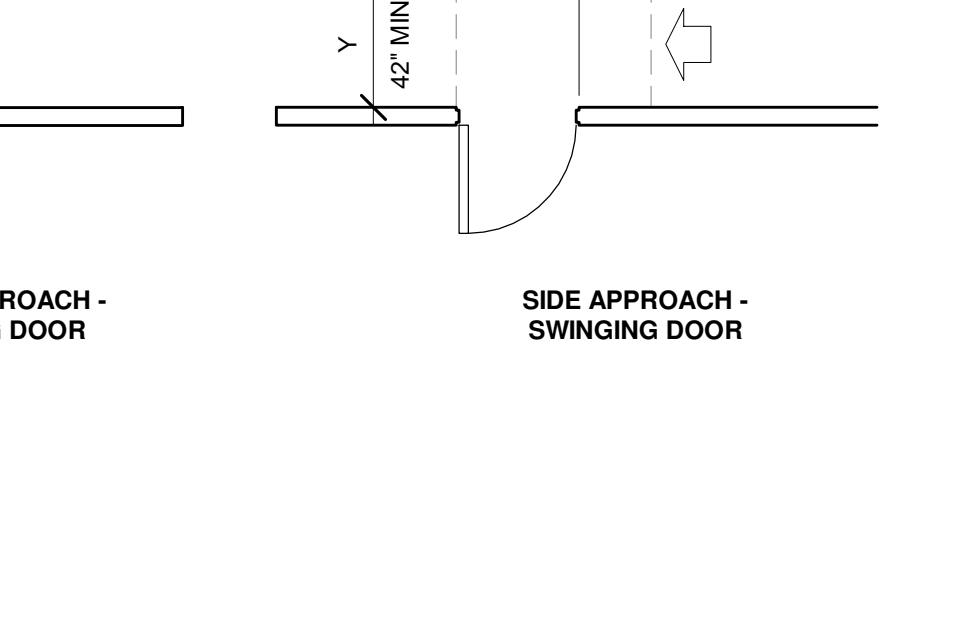
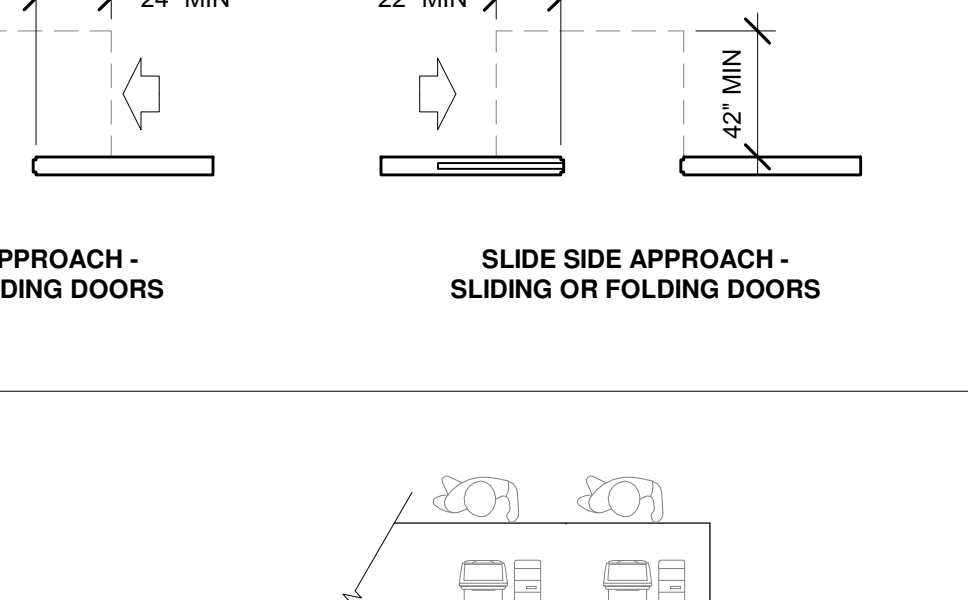
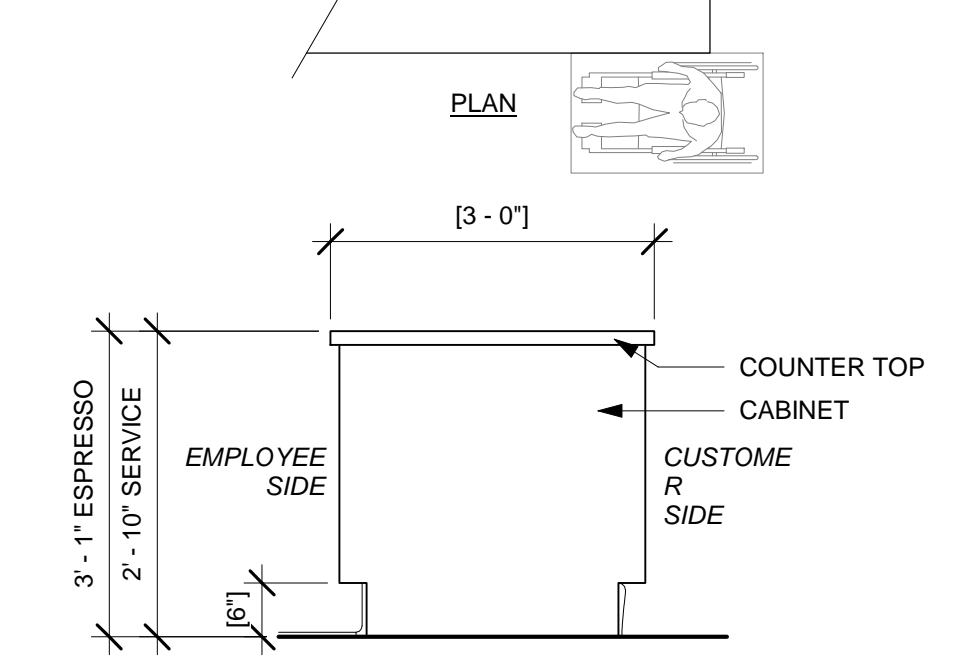
**2** SECTION 703 TACTILE SIGNS  
SCALE: NTS



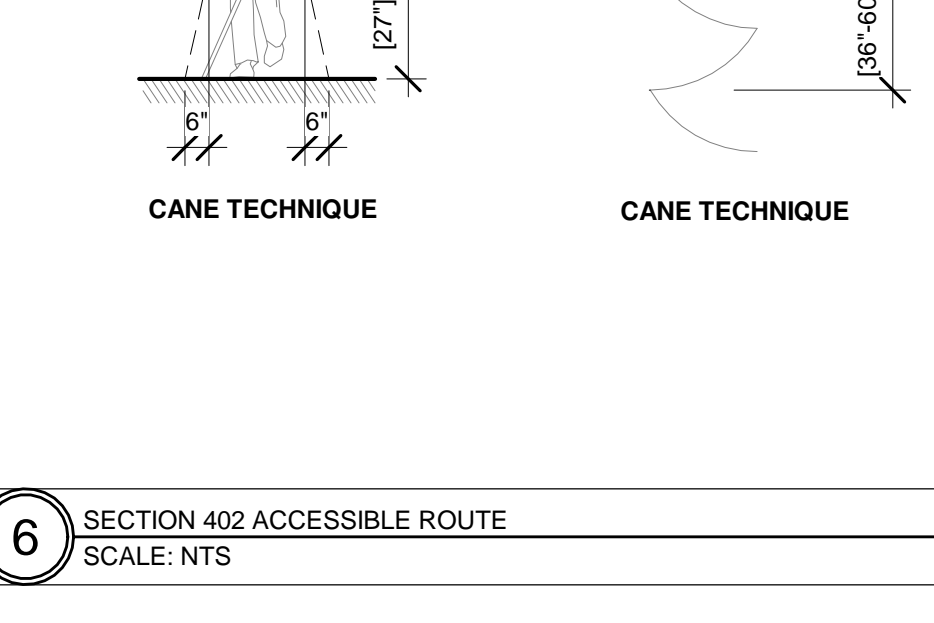
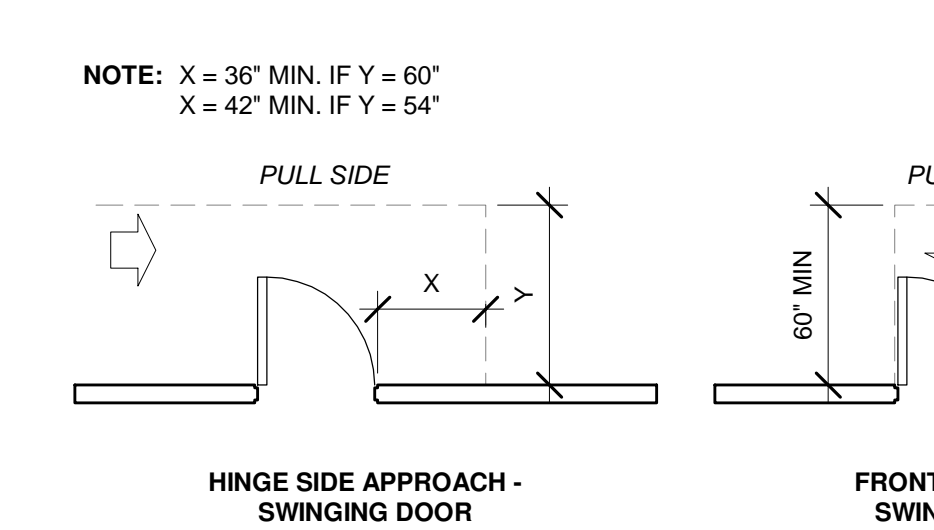
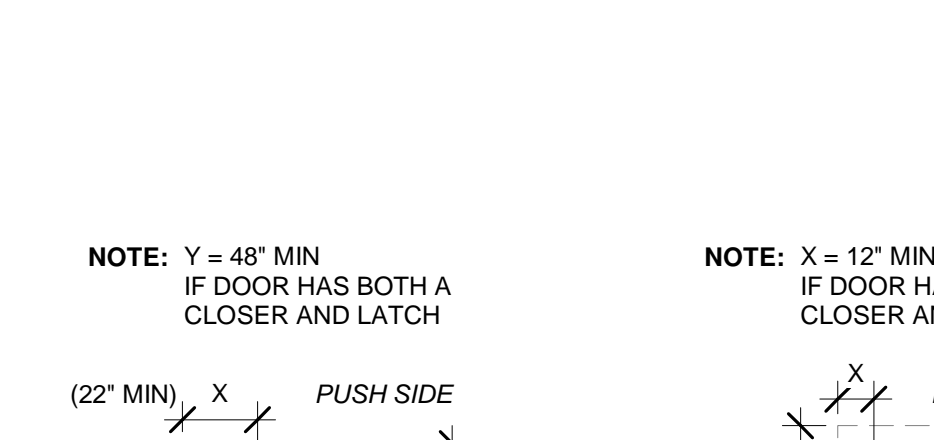
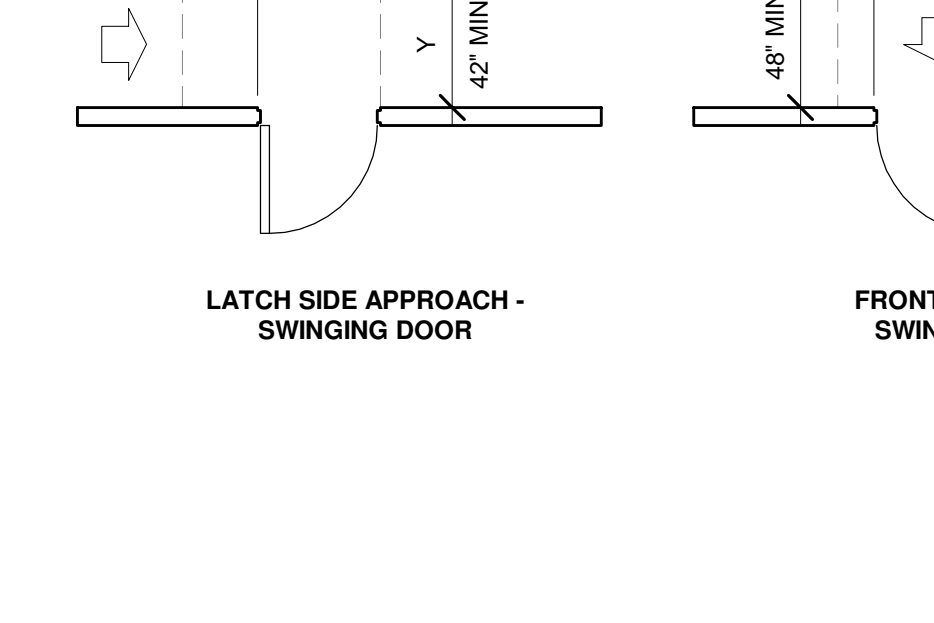
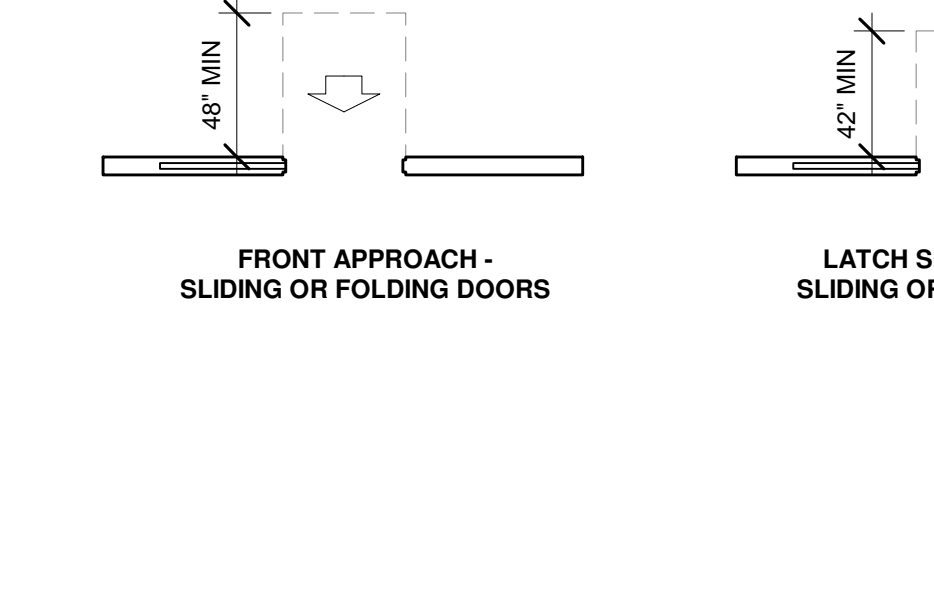
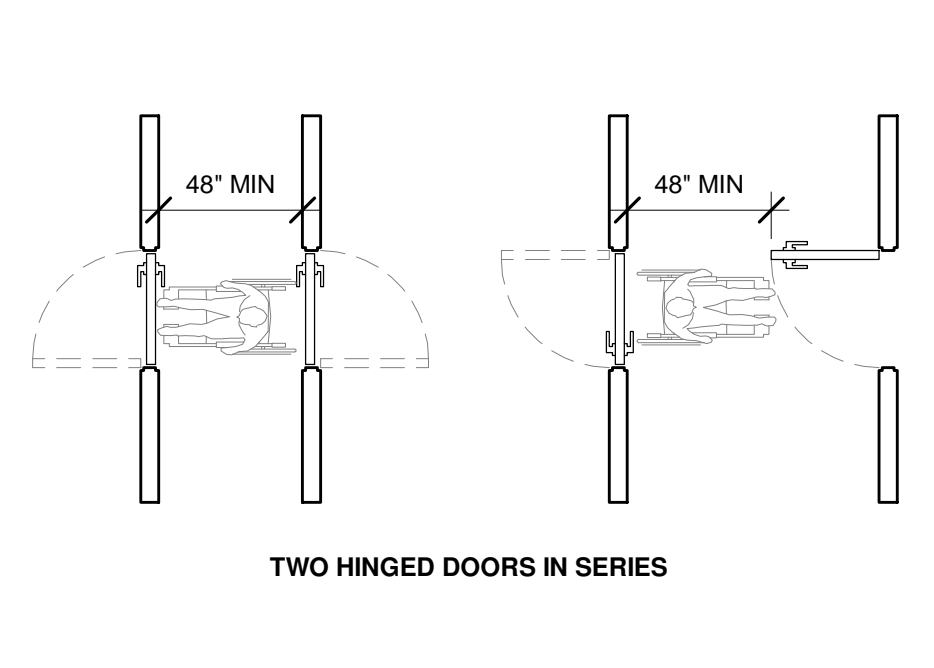
**5** SECTION 604 WATER CLOSETS AND TOILET COMPARTMENTS  
SCALE: NTS



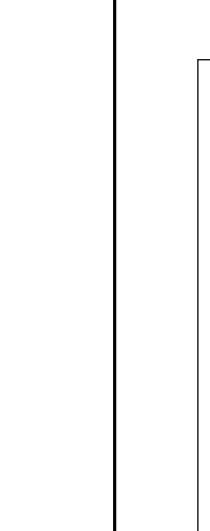
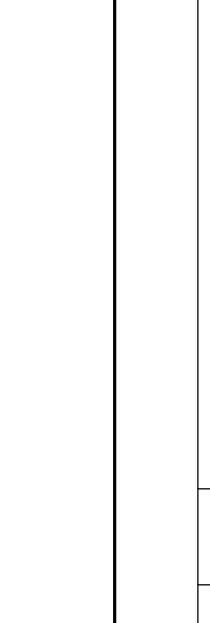
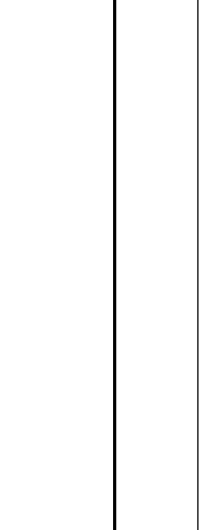
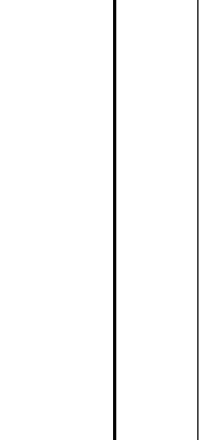
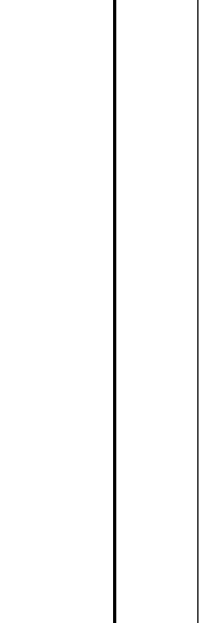
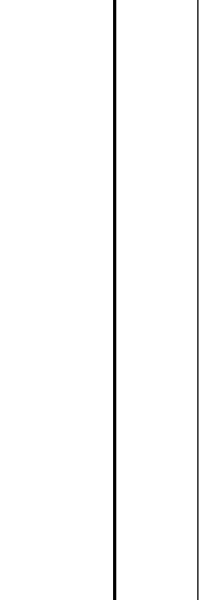
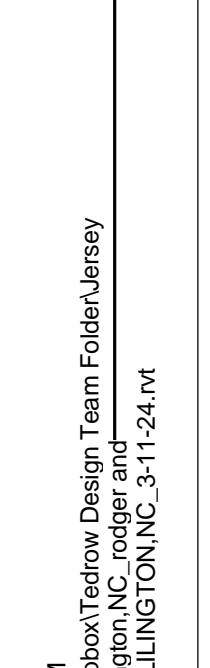
**9** SEC. 904 CHECK OUT/ SALES/ SERVICE  
SCALE: NTS



**8** SECTION 404 DOORS  
SCALE: NTS



**6** SECTION 402 ACCESSIBLE ROUTE  
SCALE: NTS



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**FLOOR PLAN KEY NOTES**

- 1 MOP SINK - SEE EQUIPMENT AND PLUMBING DRAWINGS.
- 2 WATER HEATERS. REFER TO PLUMBING DRAWINGS.
- 3 EXISTING STOREFRONT/DOOR TO REMAIN. G.C. TO PROVIDE AND INSTALL NEW PANIC HARDWARE PER DOOR SCHEDULE IF REQUIRED. SHT. A2.1. VERIFY WITH LANDLORD.
- 4 ELECTRICAL PANELS. SEE ELECTRICAL DRAWINGS.
- 5 EXISTING RATED DEMISING WALL.
- 6 PROVIDE 6" TALL FRP CORNER GUARD FROM TOP OF BASE.
- 7 FIRE EXTINGUISHER W/ CLASS 2A-10BC RATING (BY G.C.) LOCATED THROUGHOUT FACILITY NOT TO EXCEED 75 FEET DISTANCE COORDINATE EXACT LOCATION WITH LOCAL FIRE OFFICIALS.
- 8 FIRE EXTINGUISHER W/ CLASS K RATING (BY G.C.) COORDINATE EXACT LOCATION WITH LOCAL FIRE OFFICIALS.
- 9 PARTIAL HEIGHT UNDER COUNTER WALL. SEE MILLWORK DETAIL SHEET A4.0.
- 10 MILLWORK. SEE SHT. A4.0 & A4.1 FOR DETAILS.
- 11 OWNER FURNISHED WALL GRAPHIC OR ARTWORK. INSTALLED BY G.C.. SEE EQ1.0 EQUIPMENT AND GRAPHIC SCHEDULE; EQUIPMENT PLAN.
- 12 SODA LINES TO RUN OVERHEAD & DOWN IN WALL TO DISPENSERS.
- 13 LINE OF NEW EXHAUST HOOD ABOVE. REFER TO MECHANIC HOOD DRAWINGS.
- 14 NEW EXTERIOR WALL SIGNAGE. G.C. TO CONFIRM WITH OWNER.
- 15 PROVIDE FIRE-RETARDANT TREATED WALL BLOCKING FOR ALL KITCHEN WALL MOUNTED SHELVING AREAS ONLY (NOT BEHIND WALK-IN BOXES OR STAND UP DRY STORAGE).
- 16 OWNER FURNISHED STANCHIONS. SEE EQ1.0 FOR EQUIPMENT PLAN AND SCHEDULE.
- 17 5'-0" LOW WALL IN KITCHEN. REFER TO DETAIL 6/A1.1.

**KEY TO WALL TYPES:**

- EXISTING 2HR DEMISING WALL
- EXISTING WALL
- FULL HEIGHT WALLS: 20 GA. STEEL 3 5/8" STUDS @ 16" O.C. EXTEND 6" ABOVE HIGHEST ADJACENT CEILING & BRACE TO STRUCTURE ABOVE. SEE PLAN FOR REQ'D. DEPTHS.
- FULL HEIGHT WALLS: 20 GA. STEEL 1 5/8" STUDS @ 16" O.C. EXTEND 6" ABOVE HIGHEST ADJACENT CEILING & BRACE TO STRUCTURE ABOVE. SEE PLAN FOR REQ'D. DEPTHS.
- FRONT COUNTER LOW WALL FRAMING: 3 5/8" STUDS @ 16" O.C.
- 3 5/8" MTL STUDS 16" O.C. W/ ONE LAYER 5/8" GWB EACH SIDE. SCREW ATTACH, FINISH JOINTS. SEAL ALL PENETRATIONS & PREPARE TO RECEIVE FINISH AS SCHEDULED. THIS PARTITION SHALL EXTEND TO 5'-0" WITH STAINLESS STEEL CAP. THIS PARTITION SHALL BE BRACED AS REQUIRED BY CODE.

**GENERAL NOTES:**

1. DO NOT SCALE THE DRAWINGS. ANY DIMENSIONAL DISCREPANCIES SHALL BE BROUGHT UP TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO COMMENCING CONSTRUCTION.
2. PROVIDE 3 1/2" SOUND BATT IN ALL RESTROOM WALLS AND 6" BATT OVER ALL RESTROOM CEILINGS.
3. PROVIDE WATER RESISTANT (W.R.) GYPSUM BOARD THROUGHOUT RESTROOMS (WALLS & CEILINGS).
4. PROVIDE BLOCKING FOR SUPPORT OF ALL B.O.H. WALLS BETWEEN THE HEIGHTS OF 34" - 82".
5. PROVIDE BLOCKING FOR SHELVING, GRAB BARS, TOILET ACCESSORIES & MILLWORK IN RESTROOMS. REFER TO SHEET A2.0 FOR INFORMATION.
6. G.C. SHALL VERIFY ALL ROUGH OPENINGS PRIOR TO FRAMING.
7. REFER TO SHEET A2.0 FINISH, MATERIAL AND RESTROOM ACCESSORIES SCHEDULES.
8. REFER TO SHEET A2.1 FOR DOOR & WINDOW SCHEDULES & DETAILS.
9. REFER TO SHEET EQ1.0 FOR EQUIPMENT & SEATING INFORMATION.
10. G.C. SHALL VERIFY SIZE AND FIT OF EQUIPMENT PRIOR TO INSTALLATION.
11. G.C. SHALL COORDINATE ALL WORK TO BE PERFORMED AND PROVIDE A CONSTRUCTION SCHEDULE TO THE OWNER. G.C. IS TO COORDINATE WORKING HOURS, DELIVERIES, TRASH REMOVAL, STORAGE, ETC. WITH OWNER.
12. APPROVAL OF THESE DRAWINGS BY THE LANDLORD OR BY GOVERNING AUTHORITIES DOES NOT RELEASE THE G.C. FROM COMPLYING WITH ALL APPLICABLE CODES AND STANDARDS.
13. G.C. IS FULLY RESPONSIBLE FOR COSTS FOR PERMITS AND LICENSE FEES, UTILITY CONNECTION FEES, AND TRASH REMOVAL FEES.
14. G.C. SHALL REMOVE ALL DEBRIS AND LEAVE JOB SITE CLEAN.
15. ALL SIGNAGE SHOWN IN THESE DRAWINGS IS REPRESENTATIONAL ONLY. OBTAIN SIGN INFORMATION FROM OWNER.
16. G.C. SHALL VISIT JOBSITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BEFORE SUBMITTING BID AND/OR FINAL CONSTRUCTION COST TO OWNER. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT BY THE G.C. PRIOR TO THE START OF ANY WORK.
17. ALL SIGNS REQUIRE SEPARATE PERMITS.
18. ALL WOOD IN NON-BEARING CONSTRUCTION TO BE FIRE RETARDANT TREATED WOOD.
19. ALL WALL AND CEILING FINISHES TO MEET CLASS "C" / FLOORS TO MEET CLASS II MINIMUMS PER ASTM E-84 STANDARDS.
20. REFER TO SHEETS A3.0 AND A3.1 FOR INTERIOR ELEVATIONS AND WALL FINISHES.
21. ALL DIMENSIONS TO FINISH FACE U.N.O..

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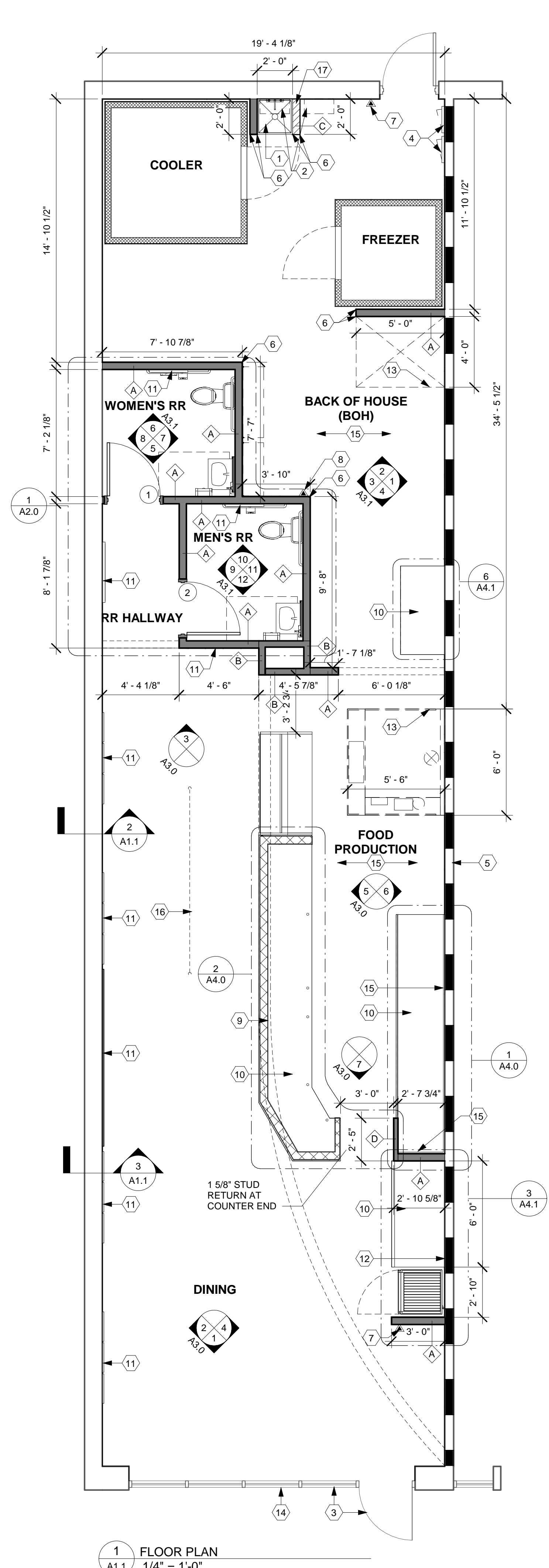


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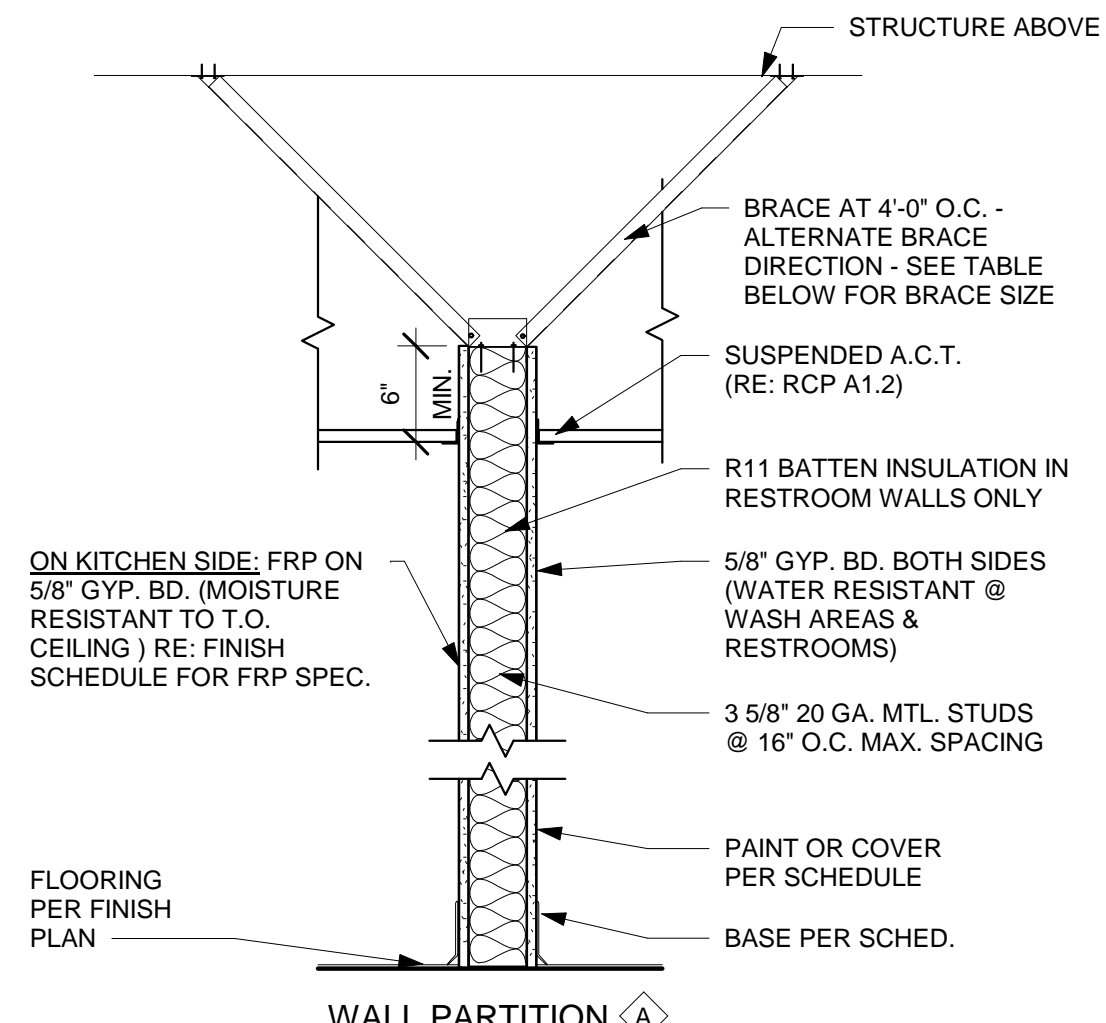
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DRAWN BY: KRR  
CHECKED BY: IFT  
ISSUE DATE: 06/17/2024

**FLOOR PLAN**

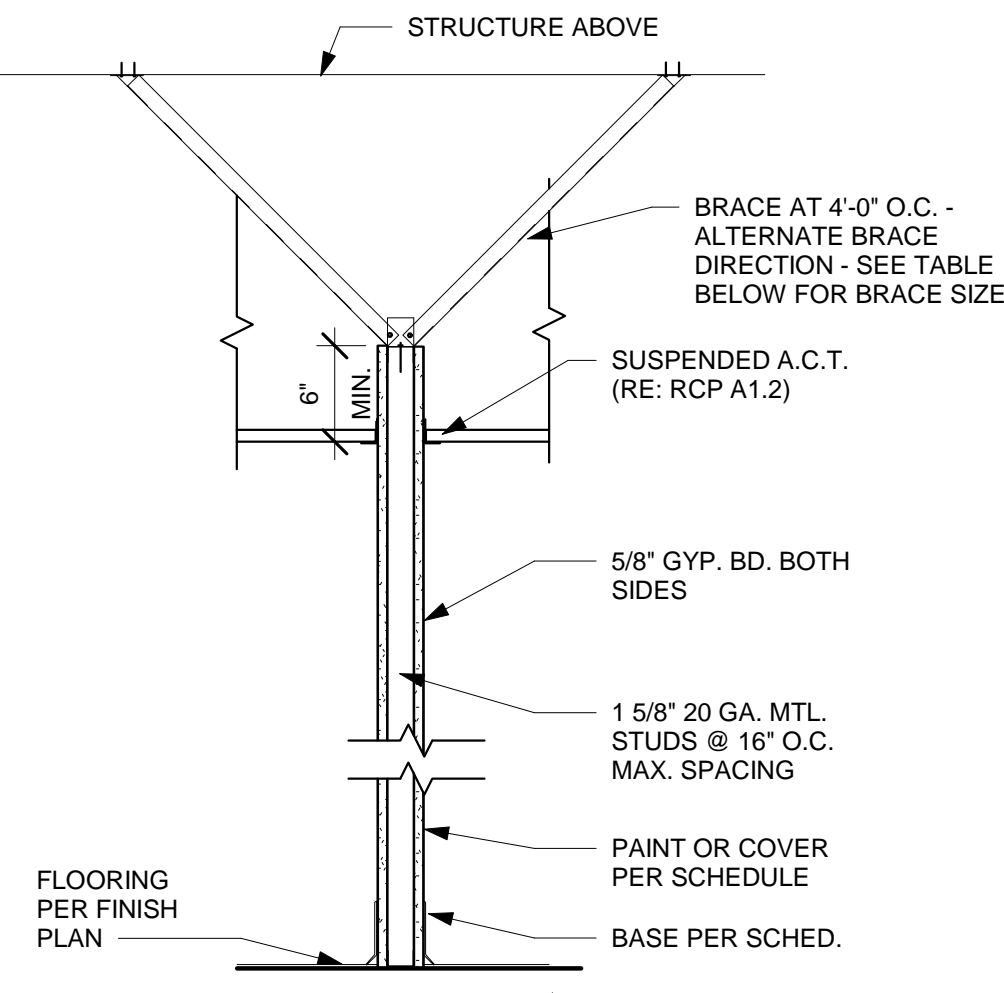
A1.1



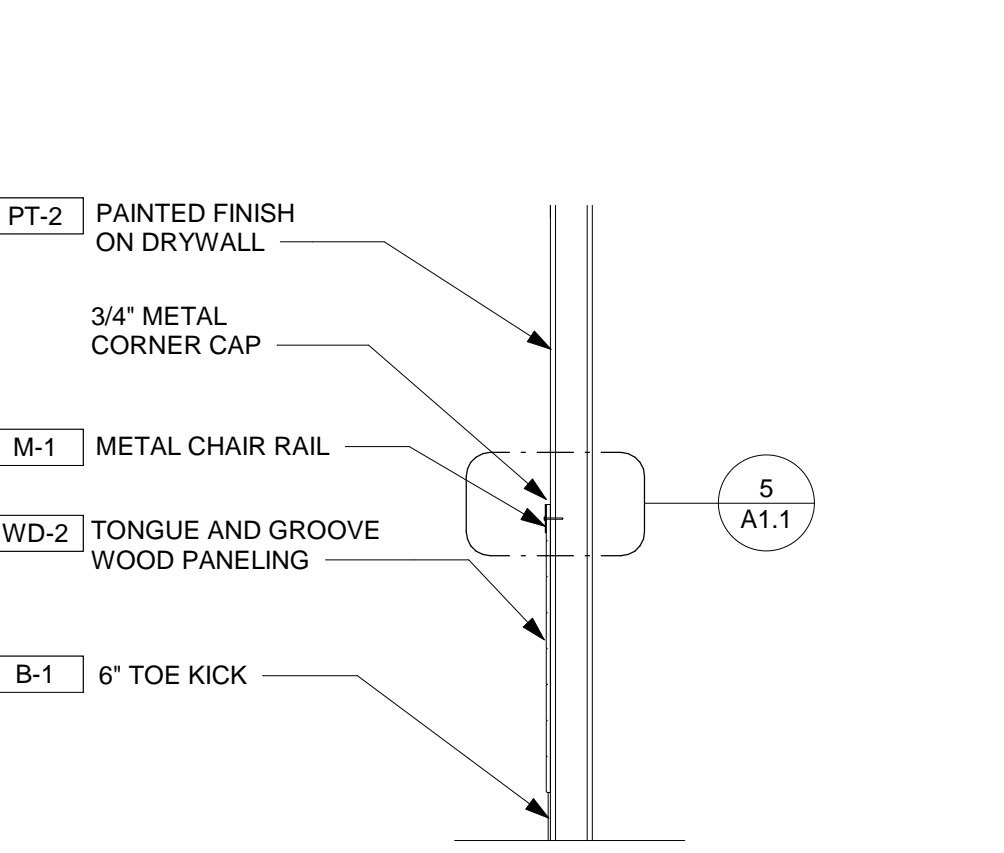
1 FLOOR PLAN  
1/4" = 1'-0"



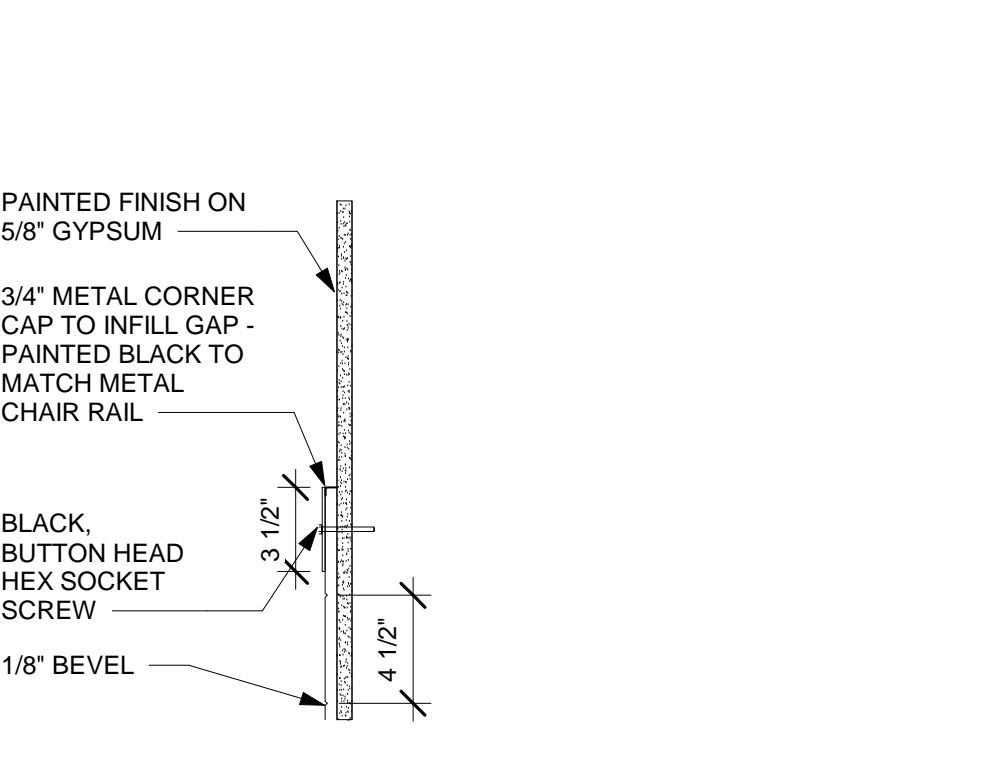
HEIGHT TO STRUCTURE	BRACE SIZE
UP TO 4'-9"	3 5/8" X 1 1/4" X 25 GA MTL. STUD
4'-9" TO 7'-4"	3 5/8" X 1 1/4" X 20 GA MTL. STUD



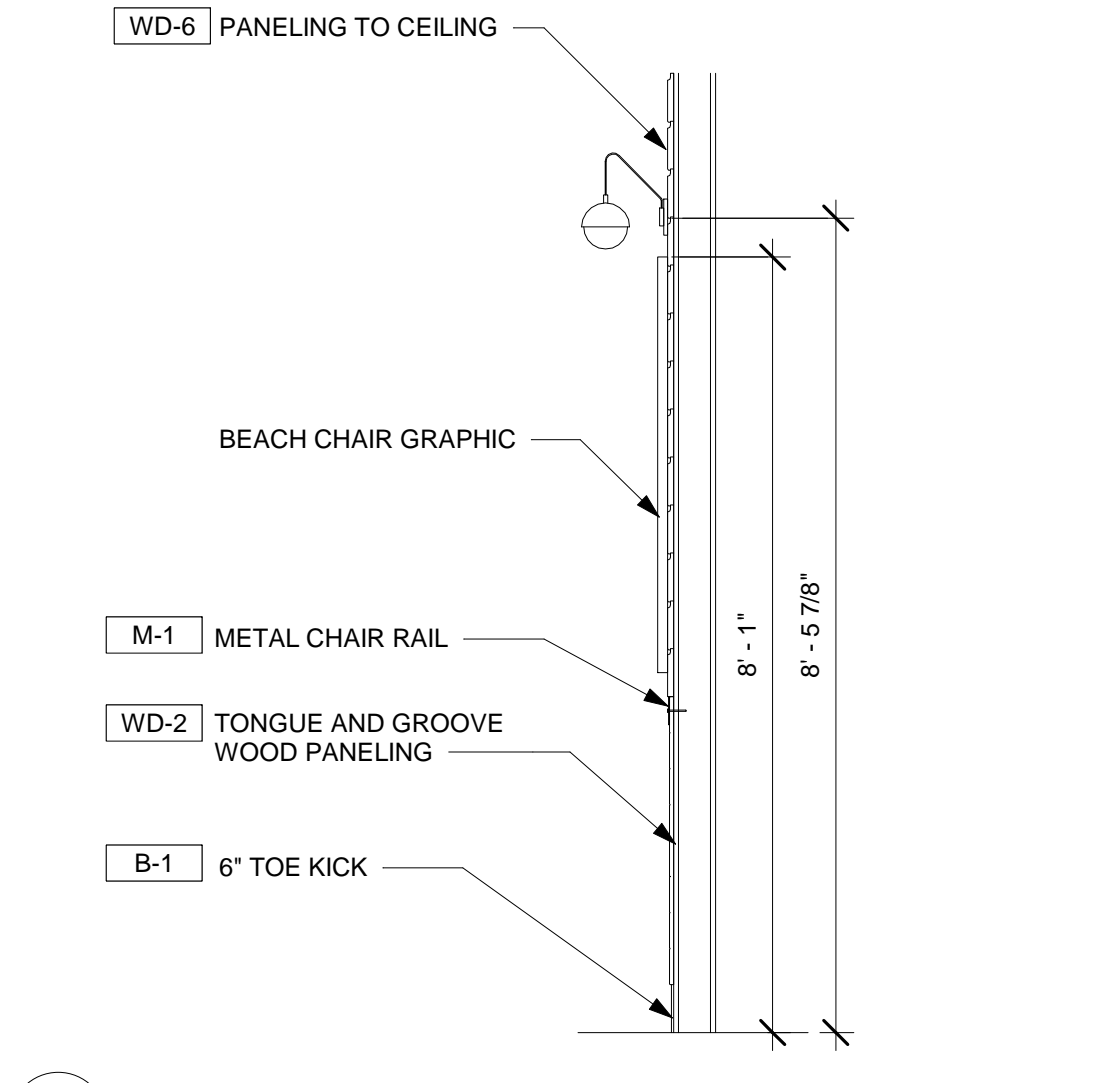
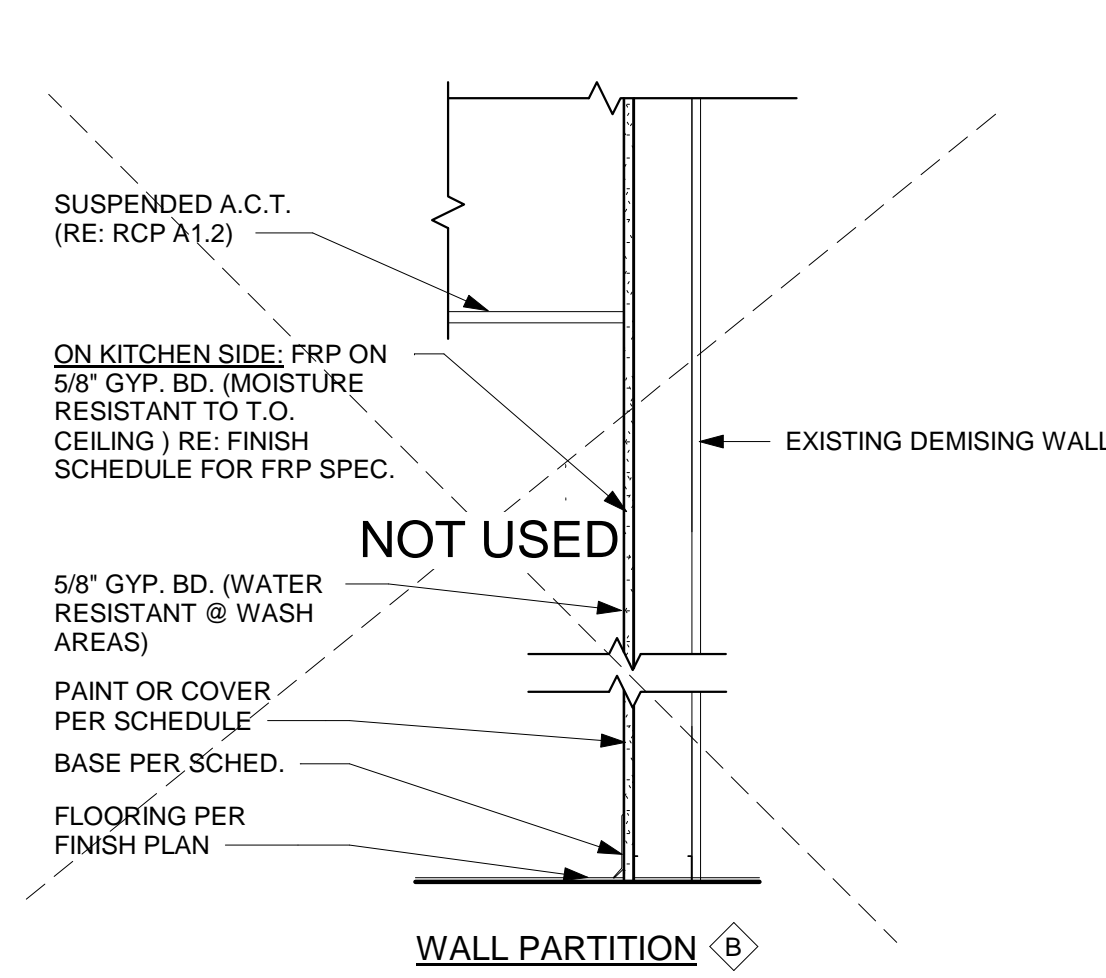
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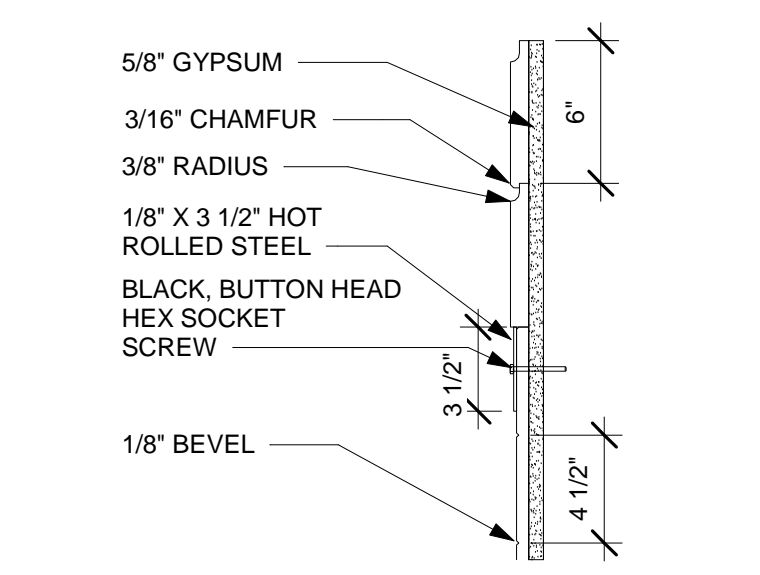
3 SECTION @ HALLWAY/DINING ROOM CHAIR RAIL  
1/2" = 1'-0"



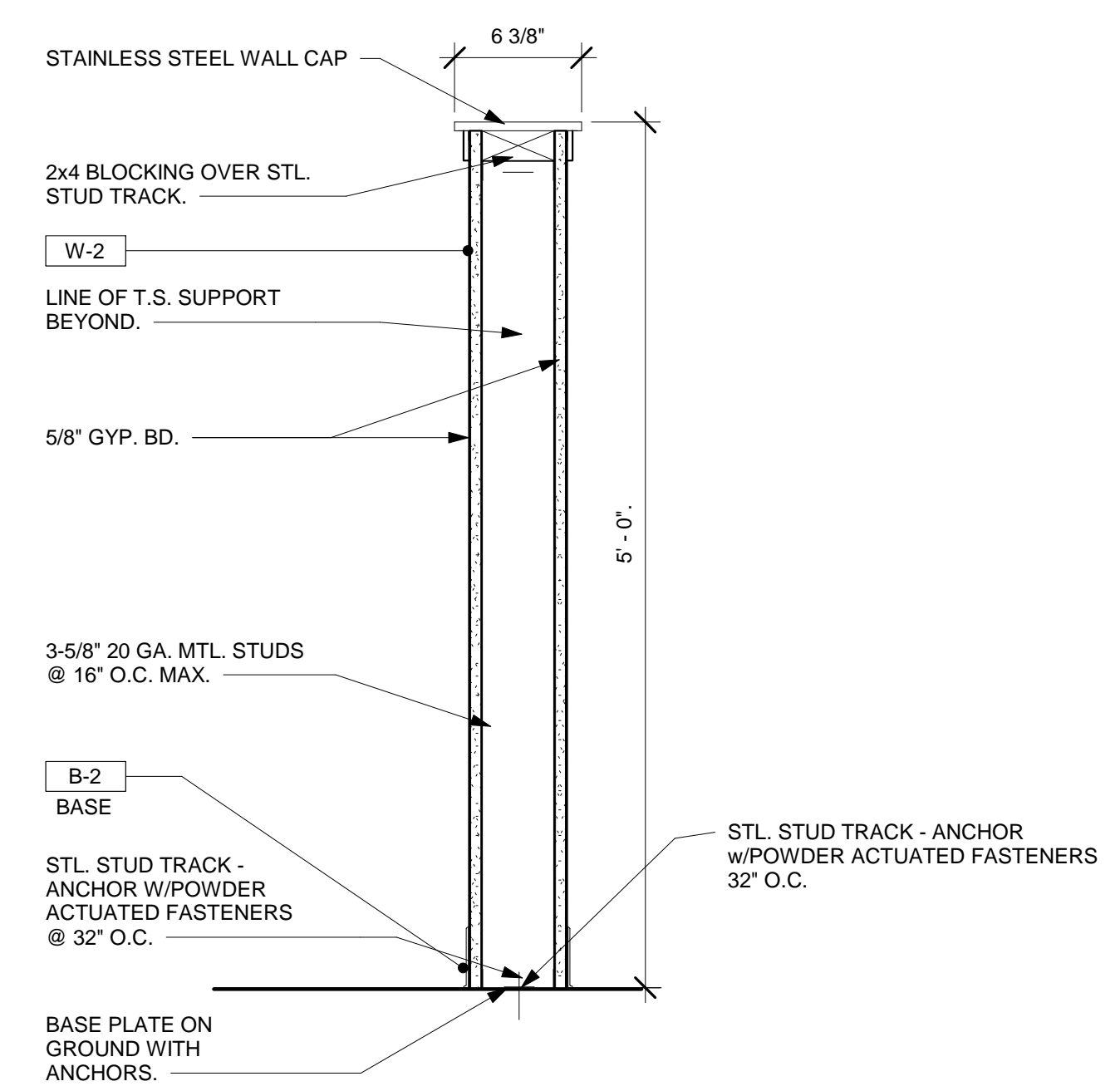
5 HARDWARE DETAIL IN HALLWAY/DINING ROOM  
1 1/2" = 1'-0"



2 SECTION @ BEACH CHAIR GRAPHICS  
1/2" = 1'-0"

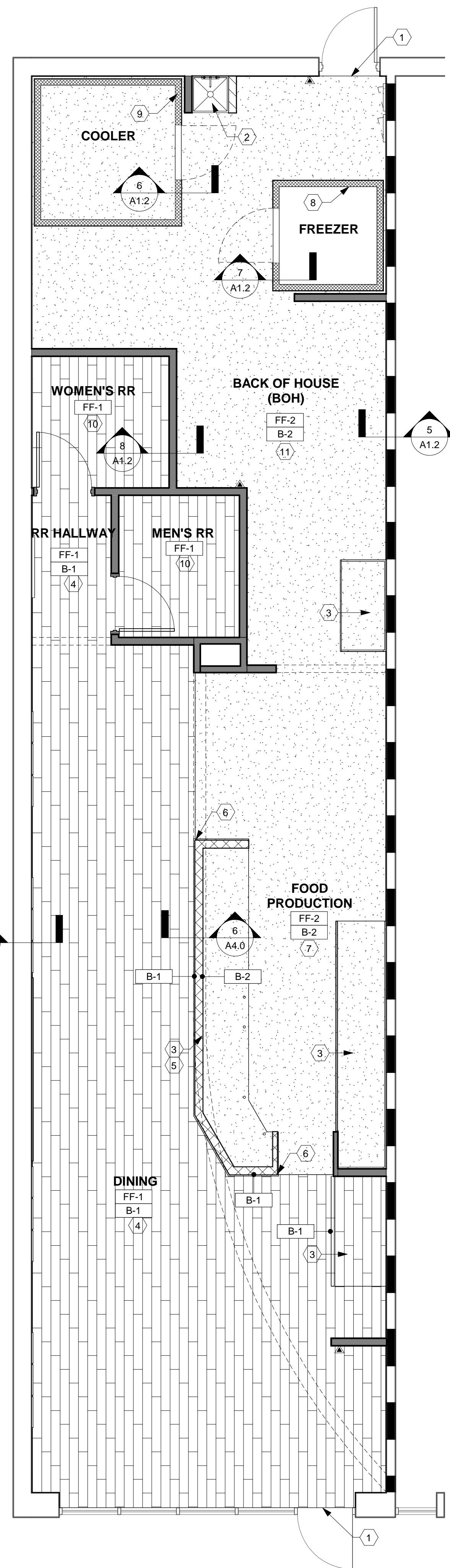


4 HARDWARE DETAIL AT BEACH CHAIRS  
1 1/2" = 1'-0"

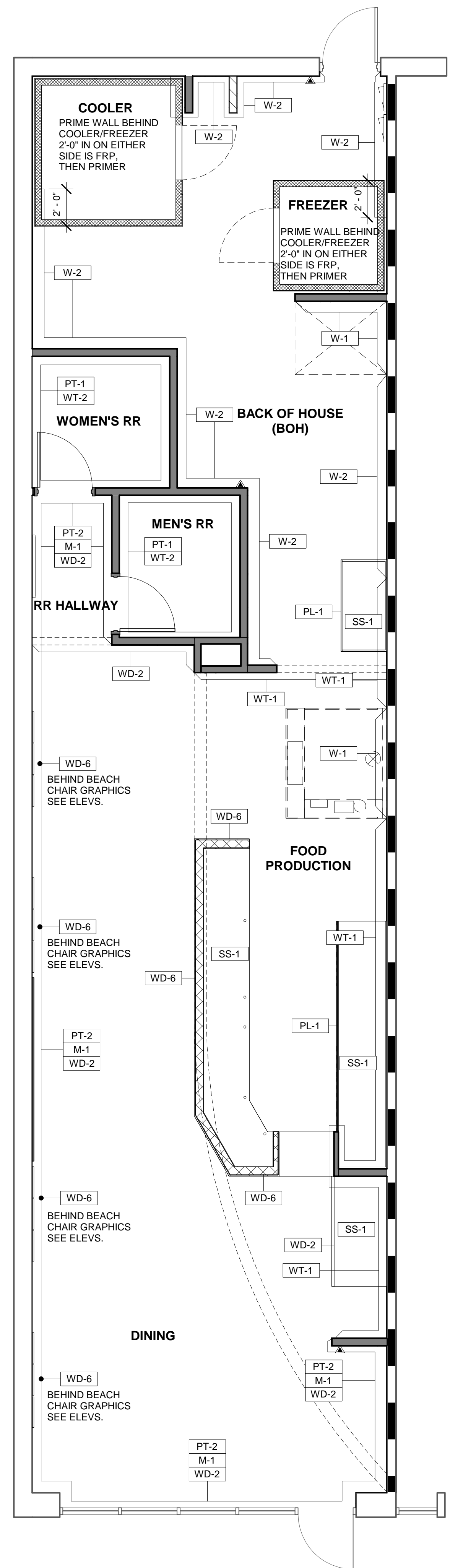


6 KNEEWALL SECTION - WALL C1  
1 1/2" = 1'-0"

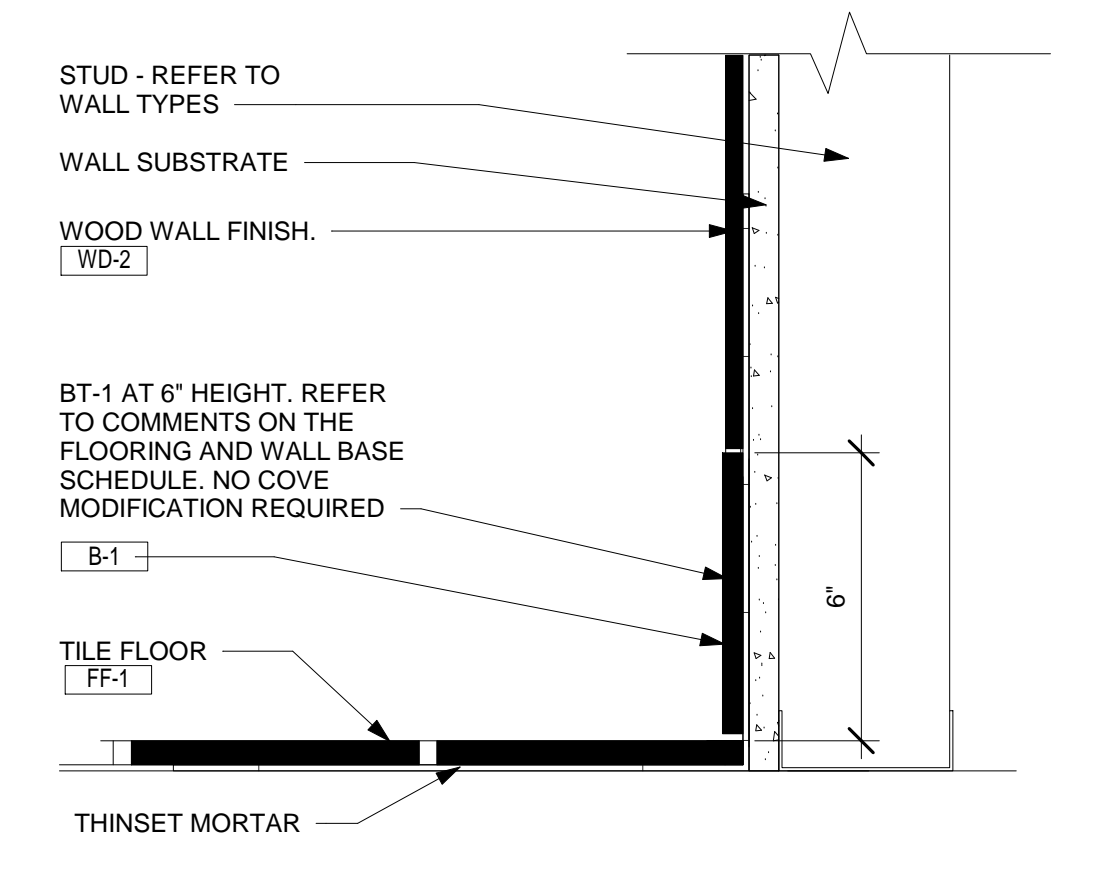
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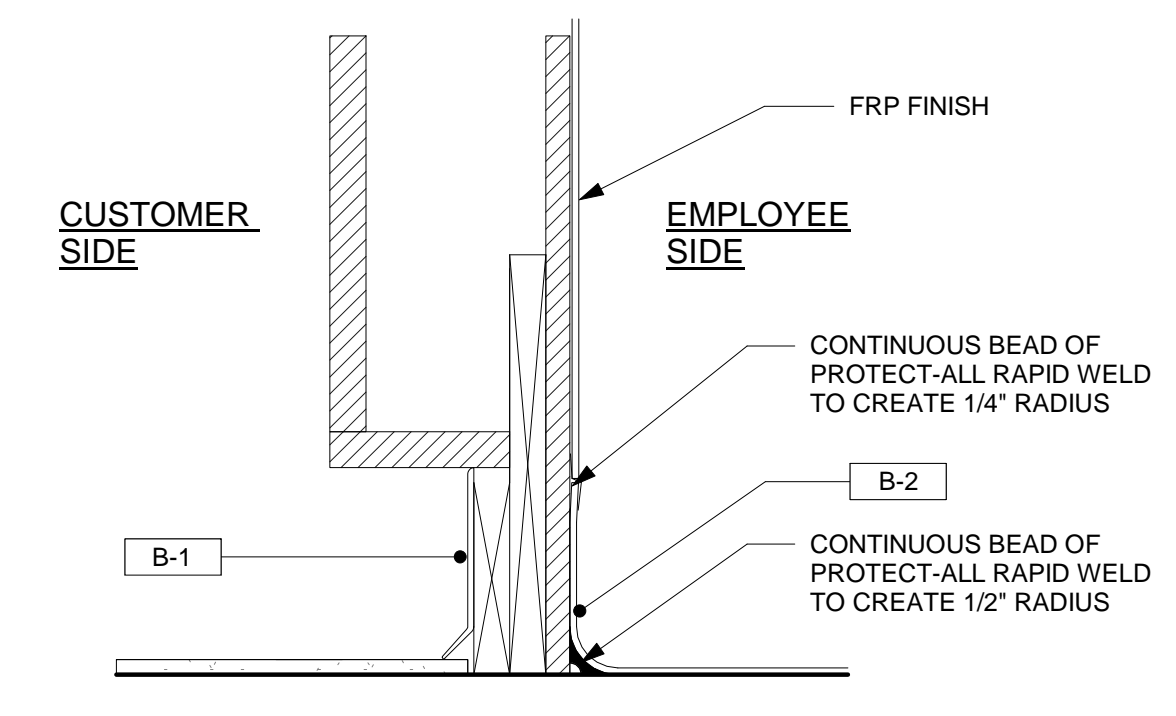
1 FLOOR FINISH PLAN  
A1.2 1/4" = 1'-0"



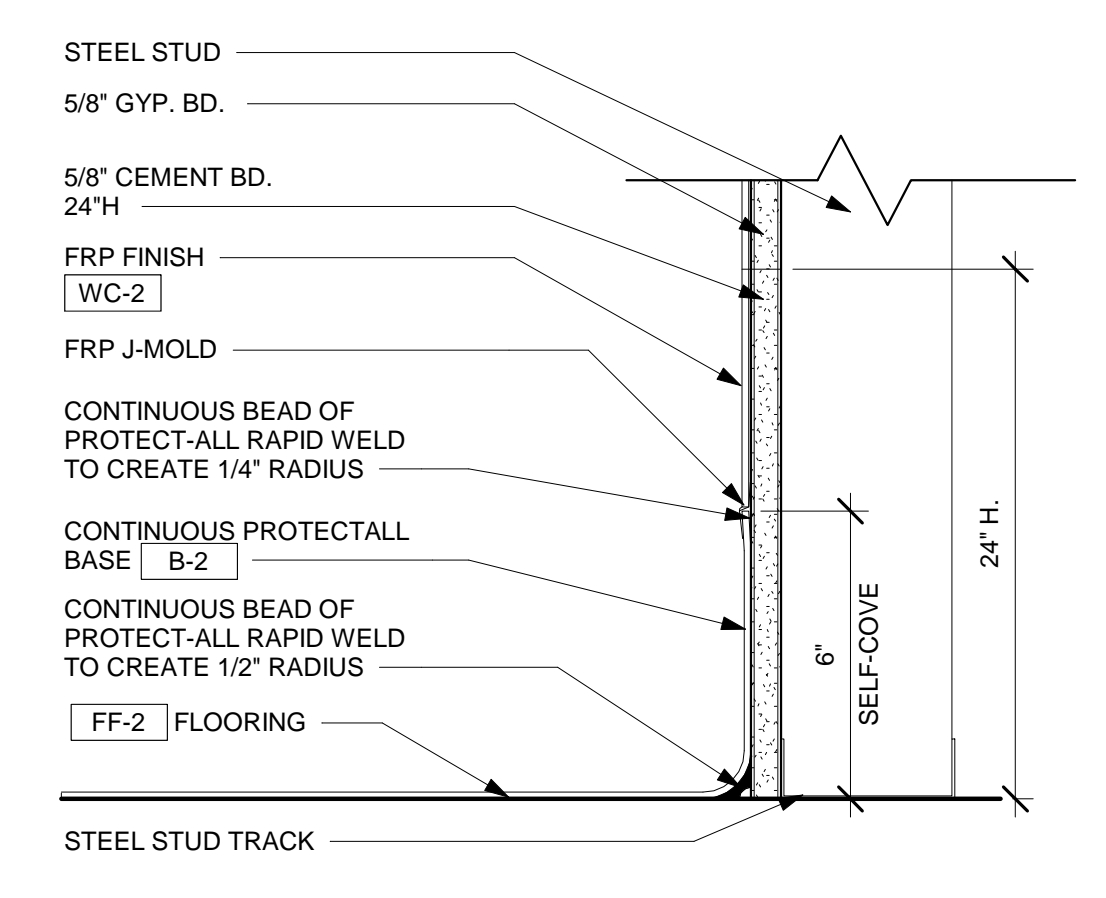
2 WALL FINISH PLAN  
A1.2 1/4" = 1'-0"



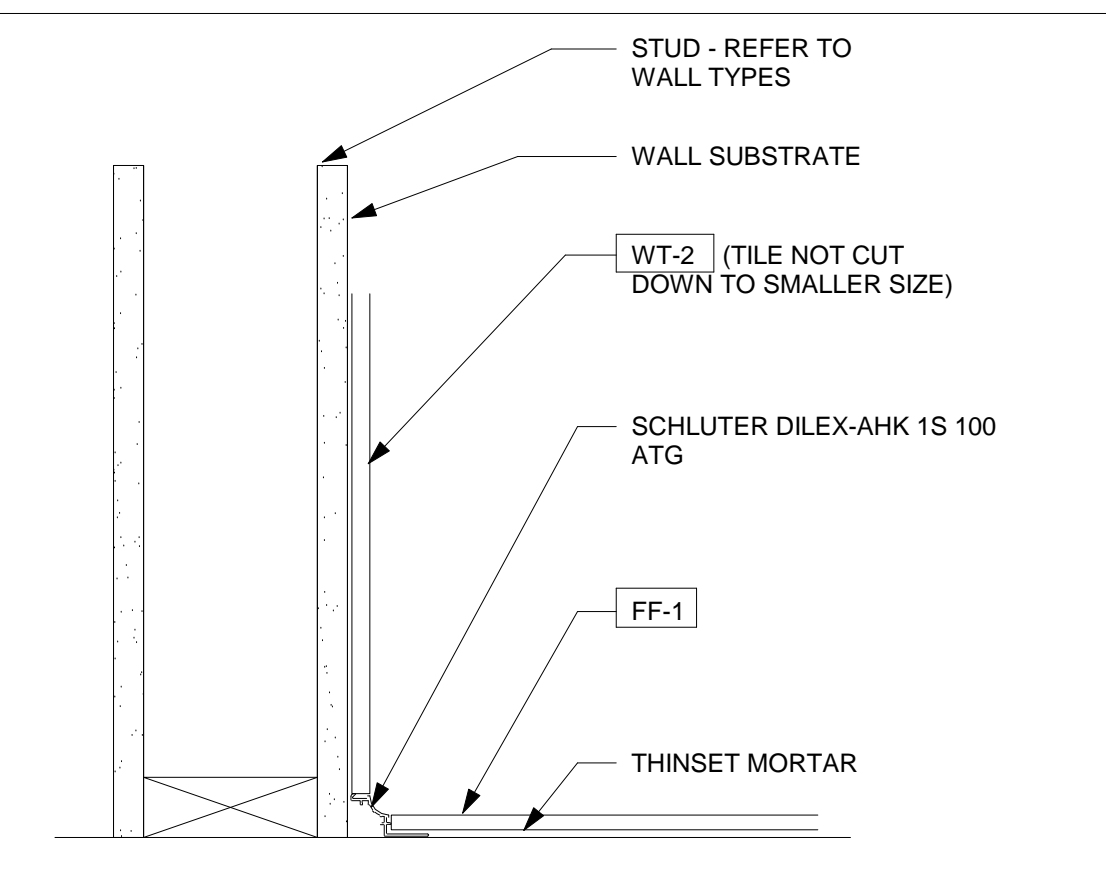
3 TYPICAL BASE DETAIL @ DINING - TILE BASE  
A1.2 3" = 1'-0"



4 TYPICAL BASE DETAIL @ SERVICE COUNTER - INTEGRAL  
A1.2 3" = 1'-0"



5 TYPICAL BASE DETAIL @ BOH - INTEGRAL  
A1.2 3" = 1'-0"



8 TYPICAL BASE DETAIL @ COVE DETAIL IN RR  
A1.2 3" = 1'-0"

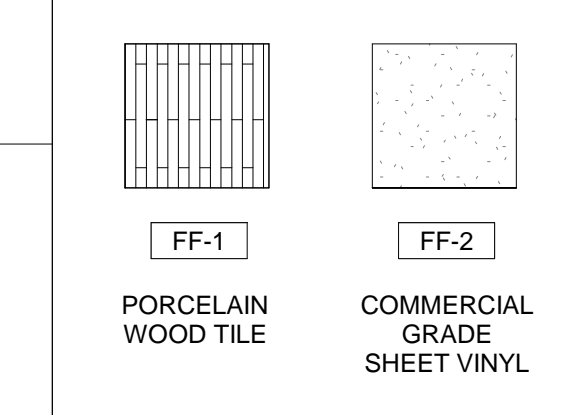
FLOOR FINISH PLAN NOTES

- 1 DOOR THRESHOLD - COORDINATE TILE INSTALLATION w/ EXISTING CONDITIONS. SEE DOOR SCHEDULE.
- 2 MOP SINK.
- 3 CABINET/COUNTER - SEE MILLWORK DETAILS SHEET A4.0 FOR BASE DETAILS. PROVIDE BASE ALL CASEWORK ITEMS AS INDICATED ON SHT. A4.0.
- 4 REFER TO 3/A1.2 FOR DINING BASE [B-1] DETAIL.
- 5 FLOOR FINISH TRANSITION SHALL OCCUR BELOW CASEWORK KNEEWALL. FIELD VERIFY EXACT LOCATION.
- 6 ALIGN FLOOR FINISH TRANSITION WITH WALL.
- 7 REFER TO 4/A1.2 FOR FOOD PRODUCTION.
- 8 FLOOR TILE SHALL NOT EXTEND UNDER FREEZER. SEE DET. 7/A1.2. SEE E01.0 FOR EQUIP. SCHEDULE. G.C. TO VERIFY/COORDINATE QUARRY TILE DIMENSIONS WITH EQUIPMENT SPEC.S.
- 9 SEE DET. 6/A1.2 FOR FLOORLESS MODEL COOLER FLOOR BASE DETAIL. SEE E01.0 FOR EQUIP. SCHEDULE. G.C. TO VERIFY/COORDINATE QUARRY TILE DIMENSIONS WITH EQUIPMENT SPECS.
- 10 REFER TO 8/A1.2 FOR RR COVE BASE DETAIL.
- 11 REFER TO 5/A1.2 FOR BOH BASE DETAIL.

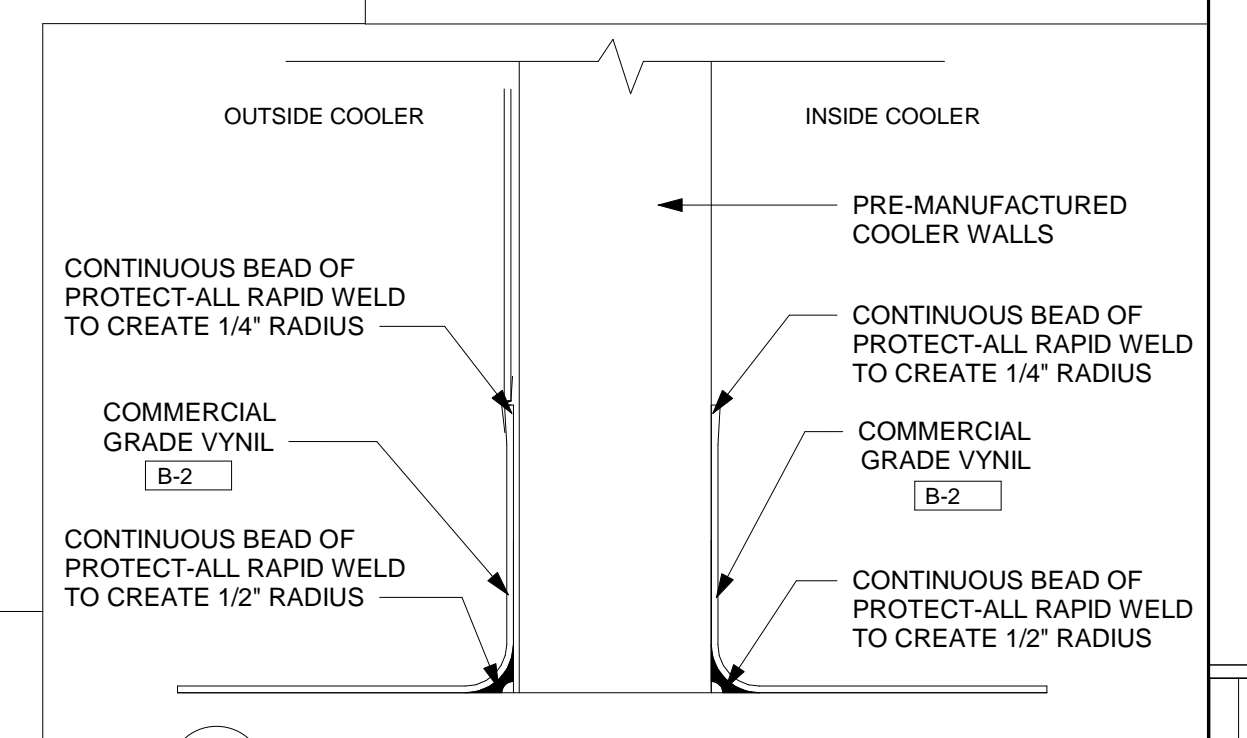
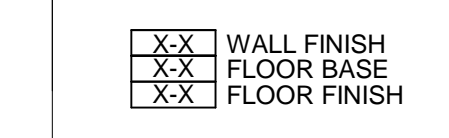
GENERAL FLOOR FINISH NOTES

1. REFER TO PLUMBING PLANS FOR FLOOR DRAIN, FLOOR SINK, HUB DRAIN & CLEAN-OUT LOCATIONS. COORDINATE FLOOR INSTALLATION AROUND THESE ITEMS AND w/PLUMBING CONTRACTOR TO ACHIEVE A CLEAN, FLUSH INSTALLATION.
2. BASE NOT REQUIRED @ CONCEALED AREAS AND @ STOREFRONTS EXTENDING TO FLOOR.
3. REFER ALSO TO INTERIOR ELEVATIONS ON SHEETS A3.0 & A3.1 FOR EXTENT OF BASE & WALL FINISHES.
4. WHEREVER POSSIBLE, ALIGN FLOOR TILE GROUT JOINTS @ DISIMILAR FLOOR TILE TRANSITIONS & w/BASE TILES AS APPLICABLE.
5. PROVIDE POSITIVE SLOPE TO FLOOR DRAINS WHERE POSSIBLE. FIELD COORDINATE w/ TILE CONTRACTOR TO ACHIEVE CLEAN, SMOOTH TRANSITION.

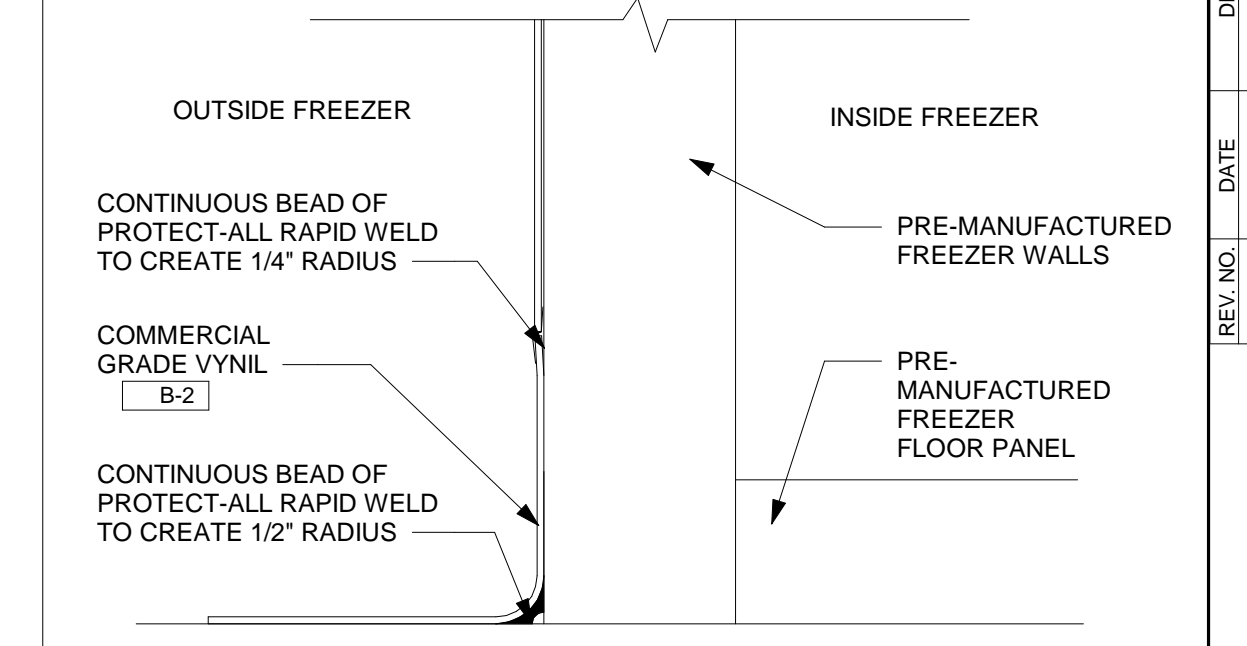
SYMBOLS/GRAPHICS KEY



SYMBOLS/GRAPHICS KEY



6 COVE VYNIL @ WALK-IN COOLER- INTEGRAL BASE  
A1.2 3" = 1'-0"



7 COVE VYNIL @ WALK-IN FREEZER - INTEGRAL BASE  
A1.2 3" = 1'-0"

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PH. 678.777.8548



JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON - #8  
NC HWY 210  
LILLINGTON, NC 27546

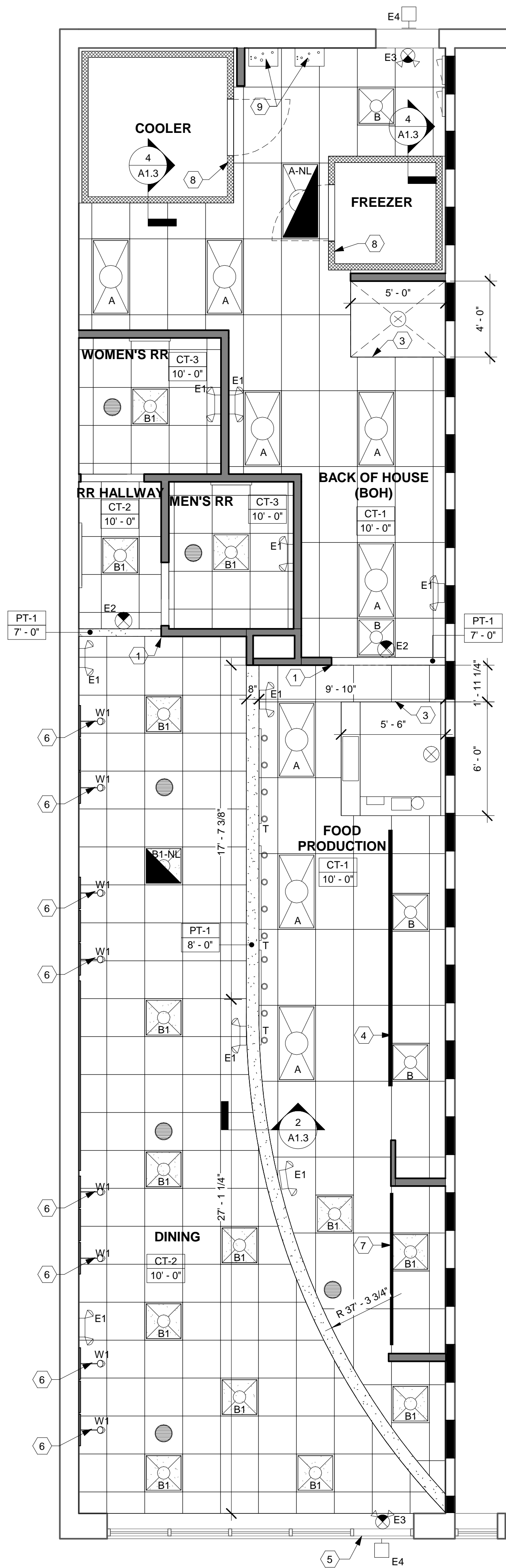


REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
DRAWN BY: KRR  
CHECKED BY: IFT  
ISSUE DATE: 05/17/2024

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

### LIGHTING FIXTURE (LUMINAIRE) SCHEDULE/LEGEND

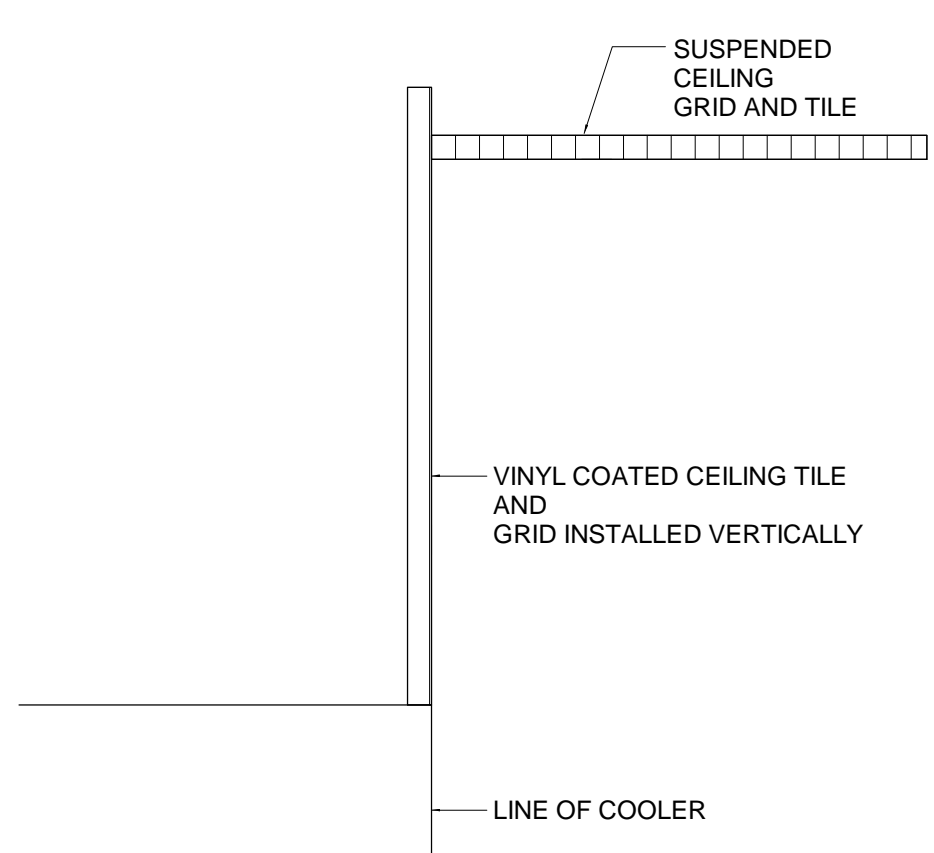
MARK	SYMBOLS	DESCRIPTION	MOUNTING HEIGHTS	COMMENTS
A		CREE #CTR-A-FP24-50L-35K-WH OR HERMITAGE LIGHTING #72010201 2'X4' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP: 50W LED	LAY-IN CEILING HEIGHT	KITCHEN AND BACK LINE ONLY
A-NL		2'X4' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS; CREE #CTR-A-FP24-50L-35K-WH OR HERMITAGE LIGHTING #72010201 LAMP: 50W LED (NIGHT LIGHT)	LAY-IN CEILING HEIGHT	KITCHEN AND BACK LINE ONLY
B		CREE #CTR-B-FP22-40L-35K-WH OR HERMITAGE LIGHTING #72010243 : 2'X2' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP: 40W LED	LAY-IN CEILING HEIGHT	KITCHEN AND BACK LINE ONLY
B-NL		CREE #CTR-B-FP22-40L-35K-WH OR HERMITAGE LIGHTING #72010243 2'X2' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP: 40W LED (NIGHT LIGHT)	LAY-IN CEILING HEIGHT	IN BATHROOM AND DINING AREA ONLY
B1-NL		2'X2' PARABOLIC LED TROFFER; MOBERN LIGHTING # RP-22-9-LED-42-DMV-35 OR HERMITAGE LIGHTING #09702243: 42W LED; 35K (NIGHT LIGHT)	LAY-IN CEILING HEIGHT	IN BATHROOM AND DINING AREA ONLY
B1		2'X2' PARABOLIC LED TROFFER; MOBERN LIGHTING # RP-22-9-LED-42-DMV-35; 42W LED OR HERMITAGE LIGHTING #09702243: 35K	LAY-IN CEILING HEIGHT	IN BATHROOM AND DINING AREA ONLY
T		TRACK LIGHTING: TRAC SECTION & SYSTEM COMPONENT: JUNO #R-2FT/4FT-WH OR HERMITAGE #18622789/18622804; TRACK HEAD: JUNO #R600L-G2-35K-WH OR HERMITAGE LIGHTING #18644197, 9.5W LED; CURRENT LIMITING END FEED: JUNO #RCLFM11WH OR HERMITAGE #18648644/18641995	MOUNT AT 9'-0" AFF. TRACK LIGHTING IN FRONT OF MENU, FACE HEADS TOWARDS MENU BOARD. TRACK LIGHTING ABOVE MEAT CASE AND SLICER FACES HEADS DOWN TOWARDS EQUIPMENT BELOW.	WHITE TRACKHEAD FOR MENUBOARD AND ABOVE MEAT CASE AND SLICER
E1		EXISTING OR HERMITAGE #90902323, EMERGENCY LIGHT 2 HEAD, 6V, 1.1W HEAD, WHITE, BATTERY BACK UP AS PER NEC 700.12 (F); EXITRONIX #LED 90		MOUNT ON WALL OR CEILING.
E2		EXIT SIGN HERMITAGE #90900301, LED EXIT AS PER NEC 700.12 (F), EXITRONIX #VEX; 3.6W		MOUNT ON WALL OR CEILING.
E3		EXISTING OR HERMITAGE #90902167, 2W RED LED EXIT WITH EMERGENCY LIGHTING HEADS, BATTERY BACK UP; EXITRONIX #VLED-4; 1.1W		EXTERIOR DOOR LOCATIONS
E4		HERMITAGE #90903462, OUTDOOR EMERGENCY EGRESS LIGHT, 2.2W LED		EXTERIOR DOOR LOCATIONS
TV		LG 42" CLASS 1080 LED TV W/ SMART TV TV & MOUNTING HARDWARE PROVIDED BY TENANT	TV BASE MOUNTED BETWEEN 7'-0" OR 8'-0" AFF INSTALLED BY G.C.	DINING ROOM ONLY

NOTES:  
 1. LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY THE CONTRACTOR VIA A NATIONAL CONTRACT WITH HERMITAGE LIGHTING NATIONAL ACCOUNTS. THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE WITH WYATT CULVER OF HERMITAGE LIGHTING AT (800) 264-3383, OR (615) 843-3379 OR LEE DANIELS AT (615) 843-3364.  
 3. OWNER SHALL PURCHASE AND G.C. SHALL INSTALL AND HARDWIRE/CONNECT SPEAKERS TO THE PHONE SYSTEM, INTERNET AND CABLE SHELF. G.C. SHALL ALSO INSTALL VOLUME CONTROL SYSTEM.

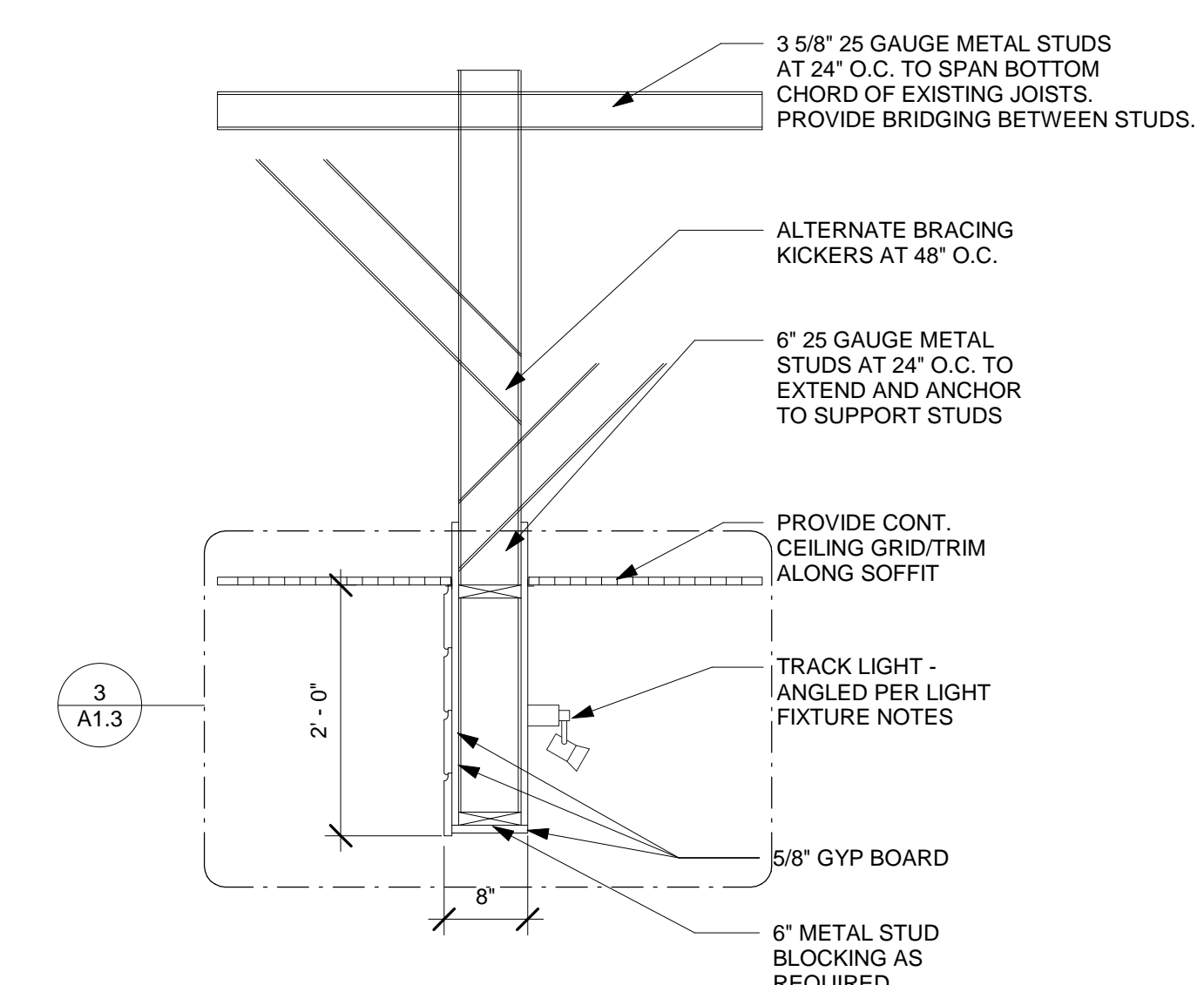
### ACCENT LIGHTING FIXTURE (LUMINAIRE) SCHEDULE/LEGEND

W1		JM9002 WALL SCONCE; LED BULB BLB-6W; 120V - POLISHED NICKEL, G40 LED FILAMENT BULB.	WALL MOUNT AT 8'-6" AFF	DINING ROOM ONLY
P1** NOT USED		H111701-PN - ACCENT PENDANT	OVER COMMUNITY TABLE SEATING. REFER TO SURFBOARD-DETAIL.	DINING ROOM ONLY

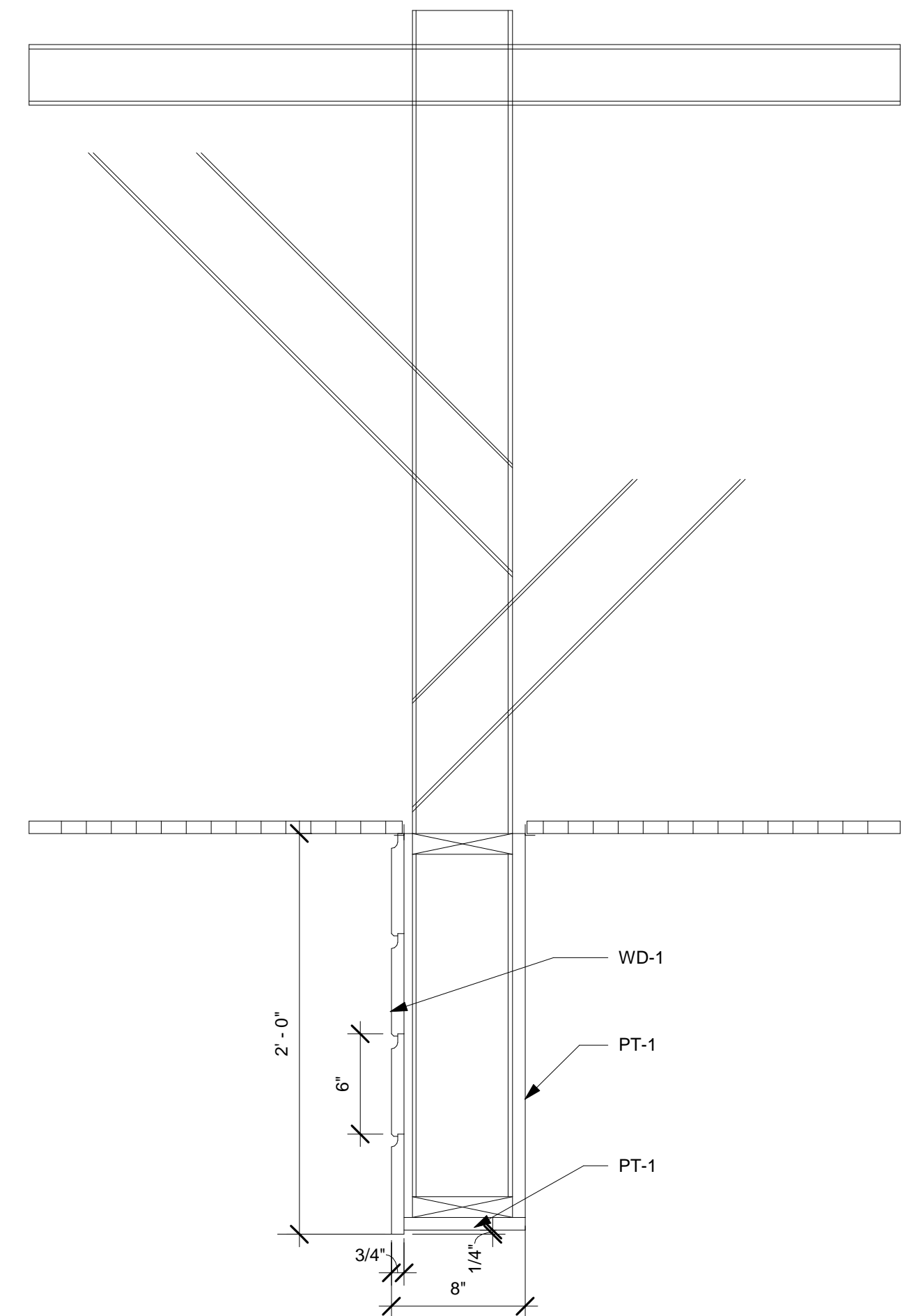
NOTES:  
 1. ACCENT LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY THE CONTRACTOR, VIA A NATIONAL CONTRACT WITH FIVE KIDS GROUP, INC. THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE THROUGH CUSTOMERSERVICE@UNISERVINC.COM TO SETUP AN ACCOUNT. ALL ORDERS WILL BE PLACED THROUGH JM.FIVEKIDSGROUP.COM USING THE LOGIN CREDENTIALS AFTER SETUP.  
 2. \*\*THIS FIXTURE IS INCLUDED AND COMES WITH THE SUSPENDED SURFBOARD GRAPHICS PACKAGE (WHEN A COMMUNITY TABLE IS SPEC'D), AND DOES NOT NEED TO BE ORDERED WITH THE BALANCE OF THE NEW LIGHTING FIXTURES FOR THE PROJECT.



4 COOLER HEADER SECTION  
 1/4" = 1'-0"



2 SOFFIT @ DINING ROOM  
 3/4" = 1'-0"



3 ENLARGED SOFFIT @ DINING ROOM  
 1 1/2" = 1'-0"

### CEILING PLAN KEY NOTES

- ALIGN BULKHEAD W/ ADJACENT WALL FRAMING AS SHOWN.
- TVs & MOUNTING BRACKETS PROVIDED BY TENANT. TVs MOUNTED INSIDE ALL BLOCKING AS NEEDED. **NOT USED** ID RODS. TV BASE MOUNTED BETWEEN 7'-0" OR 8'-0" AFF. ELECTRICAL BOX MOUNTED 8'-6" AFF O.C.
- OUTLINE OF HOOD - SEE MECHANICAL DRAWINGS.
- CEILING MOUNTED MENUBOARD. SEE GRAPHICS SCHEDULE SHEET EQ1.0.
- EXTERIOR ILLUMINATED SIGNAGE. SEE ELECTRICAL DWGS, SIGNAGE CONSULTANT DRAWINGS AND JM CONSTRUCTION MANUAL FOR SPECS.
- WALL SCONCE EQUAL DISTANTLY HUNG ON WALL GRAPHIC PRINT.
- DRINK COUNTER HANGING GRAPHICS. SEE GRAPHICS SCHEDULE EQ1.0.

### CEILING PLAN GENERAL NOTES

- SUSPENDED CEILING HEIGHTS INDICATED ARE TO FINISH. GYPSUM CEILING HEIGHTS ARE TO FACE OF FRAMING OR AS OTHERWISE DETAILED - VERIFY ALL HEIGHTS IN FIELD PRIOR TO COMMENCING WORK - REPORT ANY DISCREPANCIES TO ARCHITECT.
- SEE FINISH SCHEDULE, SHEET A2.0 FOR CEILING FINISH SPECIFICATIONS.
- ALL DIMENSIONS ARE TO FINISH FACE, U.N.O.
- G.C. SHALL PERFORM ANY NEW ROOF WORK AS REQUIRED TO MAINTAIN EXISTING ROOF WARRANTIES.

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REFLECTED CEILING PLAN



RESTROOM ACCESSORIES SCHEDULE					
MARK	ITEM	MANUFACTURER	MODEL NO.#	MOUNTING HEIGHTS	FURNISHED BY
(A)	GRAB BARS	BOBRICK (OR EQUAL)	EXPOSED MOUNTING SERIES B-5906	3'-0" A.F.F. TO TOP OF GRIPPING SURFACE OR AS SPECIFIED PER LOCAL CODES	GC
(B)	MIRROR	BOBRICK (OR EQUAL)	B-165-1836	3'-4" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE, ANGLED	TENANT
(C)	PAPER TOWEL DISPENSER	GEORGIA PACIFIC	ENMOTION 59462 - SMOKE	4'-0" A.F.F. TO DISPENSER CONTROLS PROJECTION FROM MOUNTING WALL MUST BE LESS THAN 4"	TENANT
(C1)	HAND DRYERS	XLERATOR	XL-GR	45" A.F.F. FOR MEN & 43" FOR WOMEN TO DISPENSER 48" MAX. FOR BOTH, 37" A.F.F. FOR ADA	GC
(D)	LIQUID SOAP DISPENSER	GEORGIA PACIFIC	ENMOTION 52053 - SMOKE	34"-48" (2'-10" TO 4'-0") A.F.F. TO DISPENSER CONTROLS	TENANT
(E)	TOILET PAPER HOLDER	GEORGIA PACIFIC	ENMOTION 52053 - SMOKE	1'-6" TO DISPENSER CONTROLS	TENANT
(F)	NAPKIN DISPOSAL	BOBRICK (OR EQUAL)	B-270	24" A.F.F. TO TOP	TENANT
(G)	NOT USED	FURNISHED BY OWNER	HORIZONTAL UNIT	48" MAX. FROM FLOOR TO HANDLE WHEN UNIT IS IN CLOSED POSITION. WHEN IN OPEN POSITION; T.O. SHELF TO BE 28"-34" MAX. AFF. AND PROVIDE KNEE AND TOE CLEARANCE BELOW PER ANSI 117.1.	TENANT

### ACCESSORY NOTES

- G.C. TO FURNISH AND INSTALL SCHEDULED TOILET ACCESSORIES RESTROOMS.
- G.C. SHALL INSTALL TOILET ACCESSORIES FURNISHED BY OWNER. SEE ACCESSORIES SCHEDULE.
- PROVIDE WOOD BLOCKING AT ALL WALL-HUNG ITEMS.
- ALL ACCESSORIES MUST BE ADA COMPLIANT.
- VERIFY MOUNTING HEIGHT OF TOILET TISSUE HOLDER PRIOR TO MOUNTING. HEIGHT MAY VARY DEPENDING ON UNIT FURNISHED BY OWNER.
- G.C. TO INSTALL BABY CHANGING STATION AND RESTROOM WALL CABINET (FURNISHED BY OWNER).
- NO FIXTURES SHALL PROTRUDE GREATER THAN 4" FROM WALL, INCLUDING SOAP OR PAPER TOWEL DISPENSERS.
- NOTHING SHALL BE INSTALLED IN THE CLEAR FLOOR SPACE OF THE TOILET (SOAP OR PAPER TOWEL DISPENSERS).

### ACCESSIBILITY NOTES

- G.C. SHALL PROVIDE HANDICAP CODE COMPLIANT MEN'S & WOMEN'S DOOR SIGNAGE. SIGNS SHALL BE MOUNTED ON EXTERIOR SIDE (AS SHOWN ON INTERIOR ELEVATIONS) AND SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
- FLUSH AND FAUCETS CONTROLS SHALL BE OPERABLE W/O HAND AND SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF WRIST. THE FORCE TO ACTIVATE THESE CONTROLS SHALL NOT EXCEED 5 LBS.
- FLUSH CONTROLS FOR TOILETS (AND URINALS WHEN APPLICABLE) SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET NO HIGHER THAN 44" A.F.F.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS AND SHALL BE INSTALLED TO WITHSTAND A LOAD OF 250 LBS. OR GREATER.
- G.C. TO PROVIDE AND INSTALL 18" VERTICAL GRAB BAR IN BOTH RESTROOMS AS PER 2003 ANSI A117.1, SEC. 604.5. SEE 5/A2.0 AND 9/A2.0 FOR MOUNTING HEIGHTS.

### CLEAR FLOOR AREA

A	5' DIA. TURNING RADIUS
B	LAVATORY - 30" x 48"
C	TOILET - 56" x 60"
D	DOOR - 54" x 60"
E	DOOR - 48" x 48"
F	DOOR - 48" x 54"

### FINISH MATERIALS SCHEDULE

FLOORING AND WALL BASE XX-X					
TAG	SOURCE	TYPE	DESCRIPTION	COLOR	COMMENTS
FF-1	DAL TILE	PORCELAIN TILE	6X36 JM BROWN WOOD	PART #813 JM6361PR	CUSTOMER AREAS - DINING, RESTROOM, AND HALLWAY(S), 6"X36", 5/16" D, GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09. GROUT JOINT RECOMMENDED AT 3/16".
FF-2	OSCODA PLASTIC	PROTECT ALL COMMERCIAL FLOORING	COMMERCIAL RUBBER FLOORING	1/4" DARK GRAY MATTE	KITCHEN AREA FLOORING. RECOMMEND THE USE OF ONE FLOOR DRAIN IN THE FRONT AND ONE FLOOR DRAIN IN THE BACK KITCHEN FOR PROPER FLOOR CLEANING. FLOORING TO BE INSTALLED BY AN APPROVED INSTALLER.
B-1	DAL TILE	PORCELAIN TILE	IRON CRAFT	SABLE BLACK IC15-POLISHED	CUT FULL 12" X 24" TILE (WT-2) DOWN TO 6" X 12" IN RESTROOM AND DINING ROOM, AND 4" X 12" COVE ON MILLWORK TOE KICK IN CUSTOMER AREAS. USE SCHULTER DILEX-AHK (POLISHED NICKEL) FOR COVE BASE DURING APPLICATION. GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09
B-2	OSCODA PLASTIC	PROTECT ALL COMMERCIAL FLOORING	COMMERCIAL RUBBER FLOORING	1/4" DARK GRAY MATTE	6" HEIGHT WITH RAPID WELD COVE BASE SYSTEM. WALL BASE TO BE INSTALLED BY AN APPROVED INSTALLER.

#### FLOORING/ WALL BASE NOTES:

- IF INTERIOR TRANSITIONS STRIPS ARE TO BE REQUIRED, USE SCHULTER-RENO IN SATIN ANODIZED ALUMINUM.
- FOR COVE BASE APPLICATION IN THE RESTROOM(S), USE SCHULTER DILEX-AHK (POLISHED NICKEL) BELOW FULL WT-2 TILES. NO CUT TILE IS REQUIRED. REFER TO ELEVATIONS.
- PROTECT-ALL FLOORING: FOLLOW PROTECT-ALL SPECIFICATIONS FOR INSTALLATION, INCLUDING PREP AND TESTING OF CONCRETE FLOOR AND VAPOR BARRIER.

#### WALL FINISHES XX-X

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
W-1	STAINLESS STEEL WAINSCOT		BRUSHED S/S 20 GAUGE FROM TOP OF Q.T. BASE		FULL HEIGHT TO HOOD, BEHIND GRILL AND BREAD OVEN AREA
W-2	FRP WALL PANELING	MARLITE		WHITE	BACK KITCHEN FOOD PREP AREA EHD APPROVED

#### WOOD XX-X

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
WD-1	WAINSCOT	GC	1" X SHIPLAP, D. FIR NO2 (STANDARD) GRADE, SMOOTH, FINISH	PAINTED PT-1	ON THE CUSTOMER SIDE OF THE FRONT LINE SOFFIT.
WD-2	WAINSCOT	FIVE KIDS GROUP, INC	ENGINEERED WHITE OAK PANELING	WHITE OAK	ACCENT WALL (PER PLAN), BOTTOM OF CHAIR RAIL IN DINING ROOM AND VESTIBULE. BEVERAGE COUNTER MILLWORK DOORS, BANQUETTE BACK AND SEAT. USE SCHULTER JOLLY (POLISHED NICKEL) FOR WALL EDGING, WHEN REQUIRED.

NOT USED	COUNTER	FIVE KIDS GROUP, INC	TEAK		GC TO ORDER FROM FIVE KIDS GROUP. TABLETOP TO MATCH DINING ROOM TABLE TOPS.
NOT USED	FURNITURE BASE	GC		PAINTED PT-1	CONSTRUCTION OF DINING ROOM FURNITURE - COMMUNITY TABLE, BANQUETTE, AND BAR COUNTER.
WD-5	HARDWOOD CAP	GC	3/4" HARDWOOD	PAINTED PT-6	FOR LOW WALL CAP AND WINDOW SILLS, WHEN CONDITION(S) OCCUR. ALLOW 1/2" OVERHANG.
WD-6	WAINSCOT PANEL	MARLITE	ITEM #206916. 23 3/4" X 96" X 1/2" PANEL	BY MANUFACTURER - PNL 909	BEHIND BEACH CHAIR GRAPHICS IN DINING ROOM - REFER TO ELEVATIONS. FACE OF COUNTER ON THE FRONT LINE.

#### PAINT XX-X

TAG	SURFACE	MANUFACTURER	PRODUCT	COLOR	NATIONAL ACCOUNT	COMMENTS
PT-1	SHIP LAP SOFFIT AND RESTROOM WALLS	BENJAMIN MOORE	# OC-130	CLOUD WHITE, SATIN EPOXY ABOVE TILE IN RR ONLY	NA034	CUSTOMER AREA SHIPLAP (AND SHIPLAP TRIM), FRONT LINE SOFFIT, AND RESTROOM WALLS (ABOVE TILE)
PT-2	5/8" GWB PAINTED	BENJAMIN MOORE	# 1613	SILENT NIGHT, SATIN	NA034	DINING ROOM AND HALLWAY WALLS ABOVE CHAIR RAIL. ABOVE WALL TILE IN FRONT KITCHEN AND BEVERAGE COUNTER AREAS.
PT-3	DOOR FRAME, WHEN OPEN CEILING - UPPER DINING ROOM WALLS AND DINING ROOM CEILING.	BENJAMIN MOORE	# 1615	ROCKY GRAY, SATIN	NA034	DOOR FRAME, IN OPEN CEILING CONDITION, EVERYTHING ABOVE 12' AFF IN DINING ROOM
PT-5	INTERIOR DOORS	MINWAX	WOOD FINISH PENETRATING STAIN	WEATHERED OAK 270		FINISH WITH CLEAR COAT FINISH
PT-6	LOW WALL/SILL CAP	BENJAMIN MOORE	#2132-10	BLACK, EGGSHELL OR SEMI GLOSS		LOW WALL CAP AND WINDOW SILL FINISH.

#### WALL TILE XX-X

WT-1	CERAMIC TILE	DAL TILE	2 X 8 MOD JM BLUE	PART#: N519 JM28MD1P2. GROUT: MAPEI ULTRACOLOR PLUS FA - IRON 107		BACK SPLASH TILE IN KITCHEN AND BEVERAGE COUNTER. RUNNING BOND. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING. WALL TILE EXTENDS TO CEILING TILES IN FRONT KITCHEN AREA. BEHIND THE PICK UP TOWER, AND ABOVE ALL BEVERAGE COUNTER WALLS (TYP 10' AFF).
WT-2	CERAMIC TILE	DAL TILE	IRON CRAFT	SABLE BLACK IC15-UNPOLISHED - 12"X24". GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09		BATHROOM BOTTOM WALL TILE. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING

#### CEILING XX-X

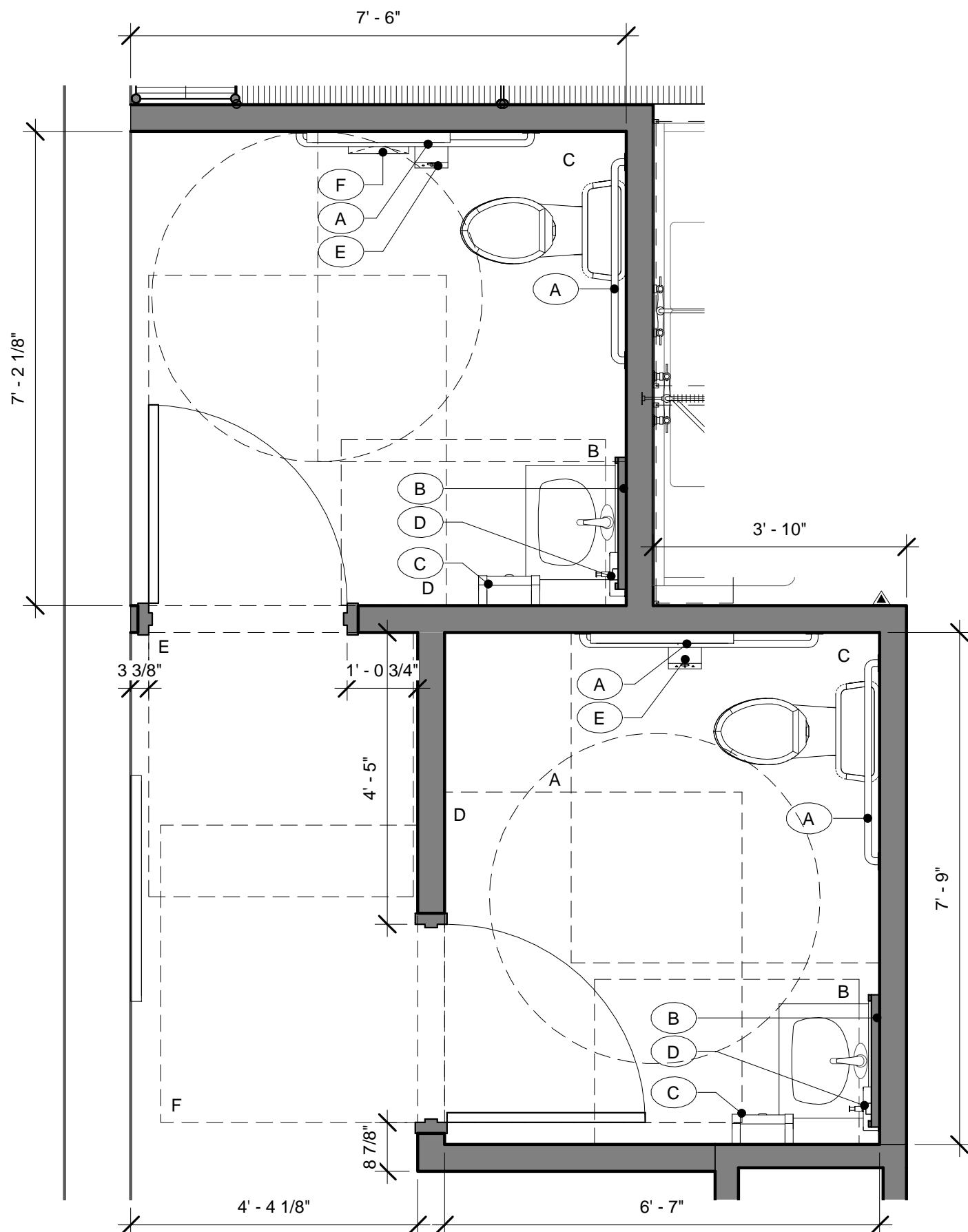
TAG	SOURCE	TYPE	COLOR	SIZE	COMMENTS
CT-1	UDECOR DURACLEAN OR EQUAL	SMOOTH, WASHABLE, VINYL FACED CEILING TILE	WHITE VINYL	2'X4'	FOOD PREP AREAS, HD APPROVED VINYL FACED. FITS 15/16" T-BAR CEILING
CT-2	ARMSTRONG OR MATCH EXISTING	ACOUSTICAL CEILING TILE FINE FISSURED 2X2 W/REGULAR EDGE	WHITE	2'X2'	CUSTOMER AREA, RESTROOM VESTIBULE
CT-3	UDECOR DURACLEAN OR EQUAL	SMOOTH, WASHABLE, VINYL FACED CEILING TILE	WHITE VINYL	2'X2'	RESTROOMS FITS 15/16" T-BAR CEILING
S-1	GYPSUM SOFFIT				SEE DETAIL
OC-1	OPEN CEILING	EXISTING	PT-6		DINING ROOM ONLY. FINISHES EXTENDED TO 12' AFF. EVERYTHING ABOVE TO BE PAINTED PT-6.

#### LAMINATE & COUNTER FINISHES XX-X

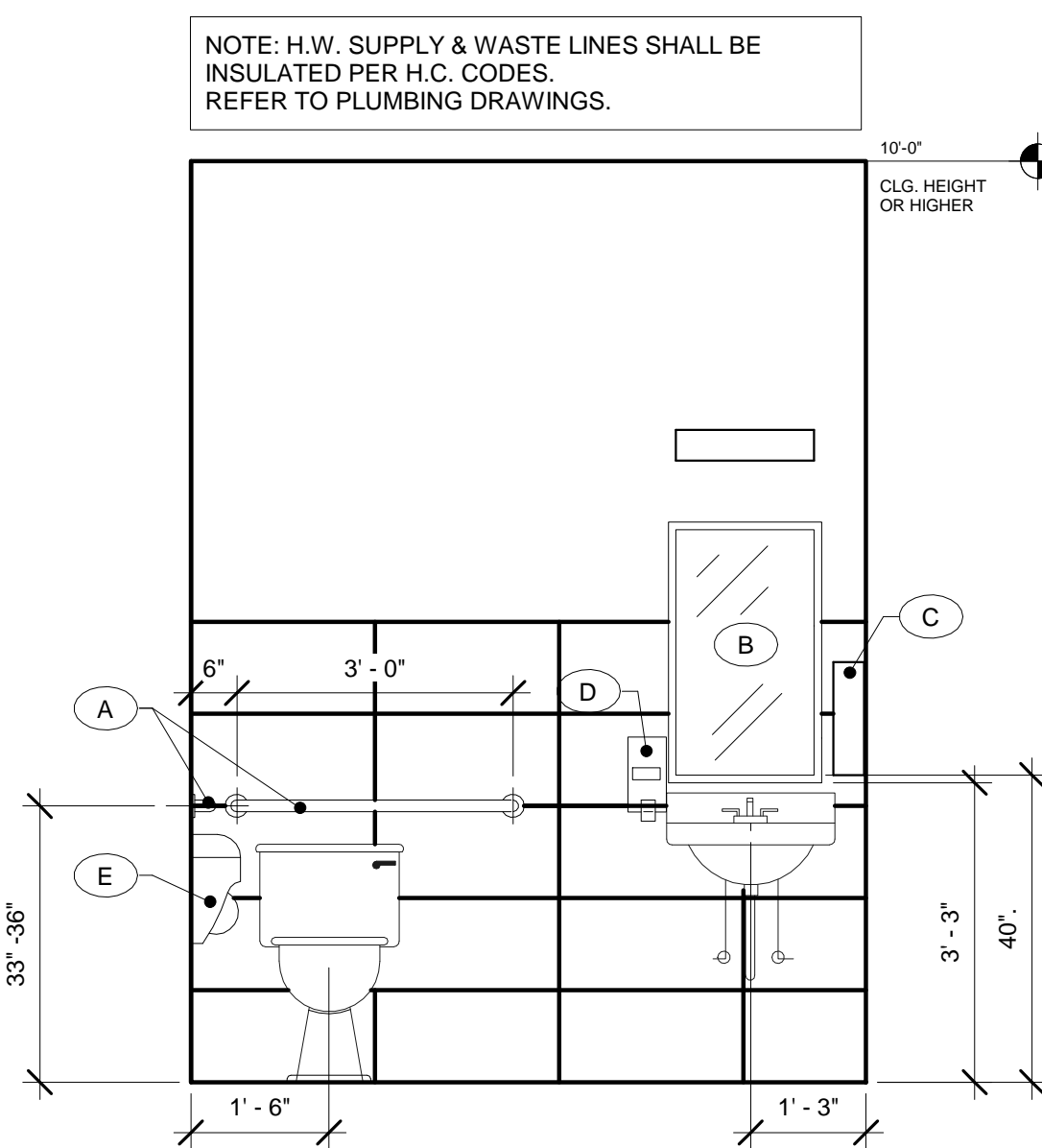
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
PL-1	MILLWORK	WILSONART	STEEL MESH	FINE VELVET FINISH 4879-38	MILLWORK BEHIND THE SERVICE LINE AND BACK KITCHEN. USE PVC EDGE BANDING.
PL-2	CUTTING BOARDS	WILSONART	NATURAL RECON	FINE VELVET FINISH 7996-38	21" X 21" X 1" CUTTING BOARDS FOR PICK UP TOWER - QTY 4. PEDESTAL BASE FOR PICK UP TOWER.
SS-1	COUNTER TOP	CONSENTINO	SILESTONE - ETERNAL SERIES 2 CM	CHARCOAL SOAPSTONE - SUEDE	COUNTERTOP FINISH FOR ALL MILLWORK

#### METAL AND UPHOLSTERY XX-X

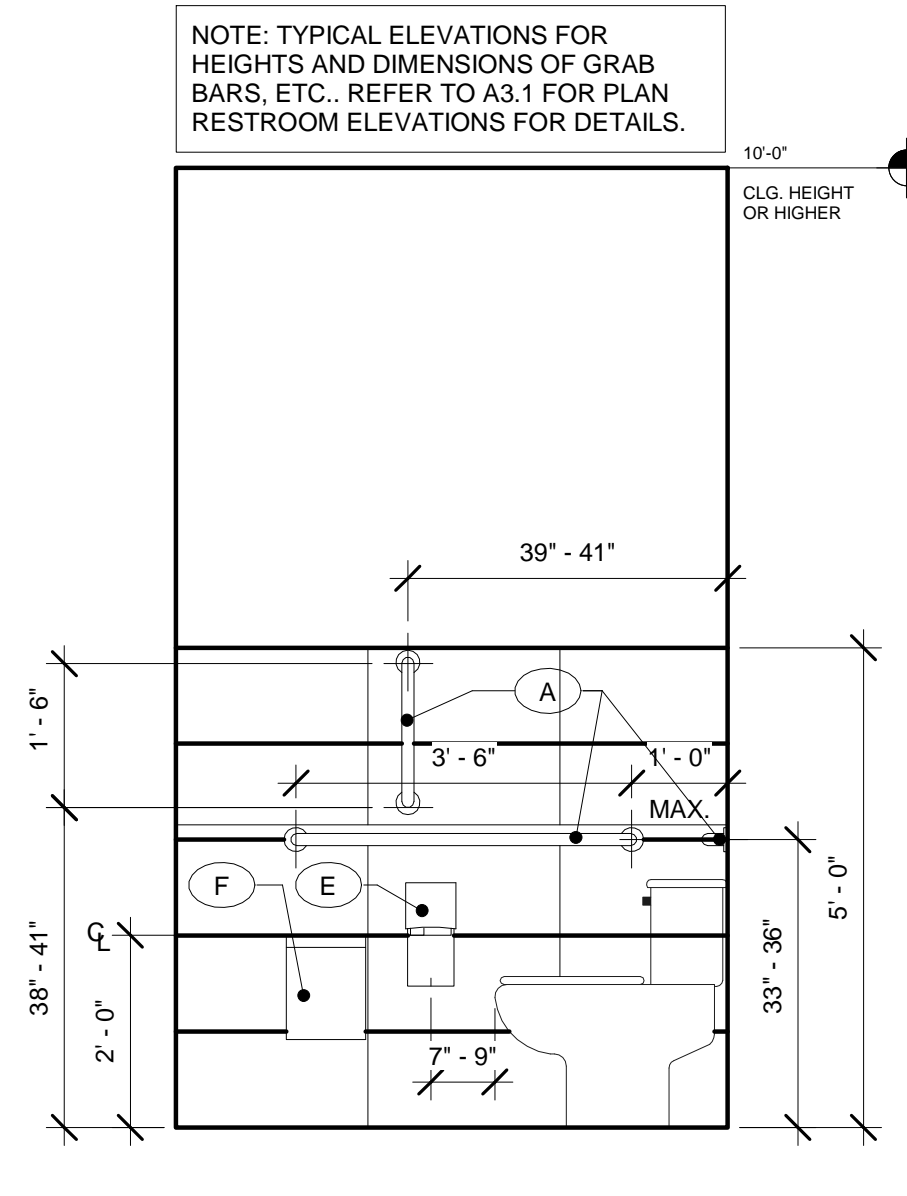
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
M-1	CHAIR RAIL	GC	1/8" X 3 1/2" HOT ROLLED STEEL	PAINTED IN BLACK SEMI-GLOSS	DINING ROOM CHAIR RAIL, WITH BUTTON HEAD HEX SOCKET SCREW



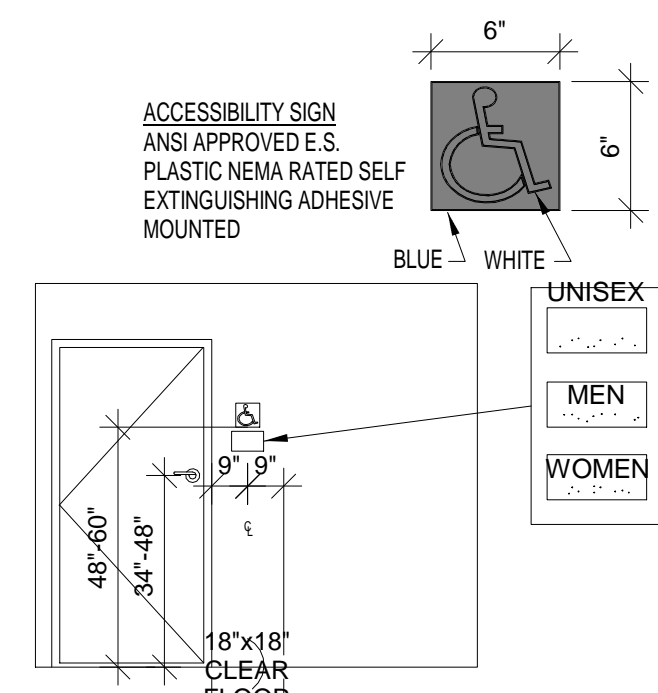
1 ENLARGED RESTROOM PLAN  
A2.0  
1/2" = 1'-0"



3 TYPICAL RESTROOM ELEVATIONS  
A2.0  
1/2" = 1'-0"



18" X 18" CLEAR FLOOR



2 TYPICAL SIGNAGE DETAILS  
A2.0  
N.T.S.

NOTE: ALL SIGNAGE SHALL CONFORM WITH ADA ACCESSIBILITY GUIDELINES, INCLUDING BUT NOT LIMITED TO PROPORTION, COLOR CONTRAST, AND RELIEF AND GRADE 2 BRAILLE REQUIREMENTS.

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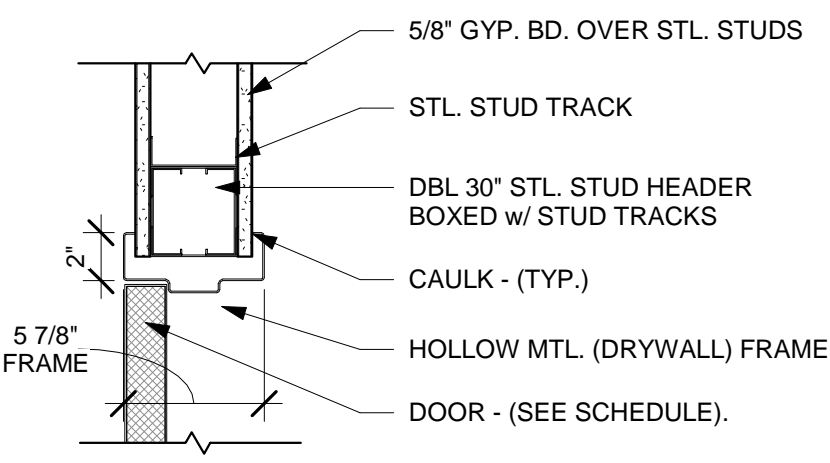


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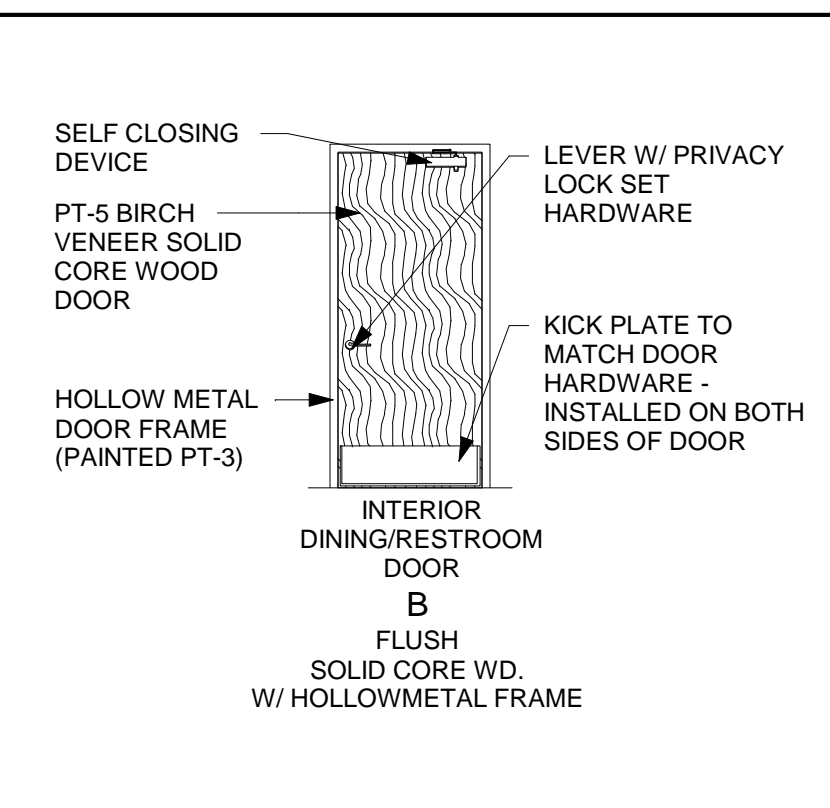
DOOR SCHEDULE

MARK	TYPE	LOCATION	DOOR SIZE	DOOR MATERIAL	DOOR GLASS	FRAME MATERIAL	FRAME TYPE	DETAILS HEAD/JAMB/THRE.	FINISHES INSIDE/OUTSIDE	HDWR. SET	REMARKS
1	B	WOMEN'S RR	3'-0" x 7'-0" x 1 3/4"	S.C. WOOD	NONE	HOLLOW MTL.	5 7/8" KNOCK-DOWN	1/A2.1 2/A2.1 -	PT-5 PT-5	B	REFER TO GENERAL DOOR NOTES
2	B	MEN'S RR	3'-0" x 7'-0" x 1 3/4"	S.C. WOOD	NONE	HOLLOW MTL.	5 7/8" KNOCK-DOWN	1/A2.1 2/A2.1 -	PT-5 PT-5	B	REFER TO GENERAL DOOR NOTES



1 DOOR HEAD DETAIL - H.M.  
1 1/2" = 1'-0"

DOOR TYPES

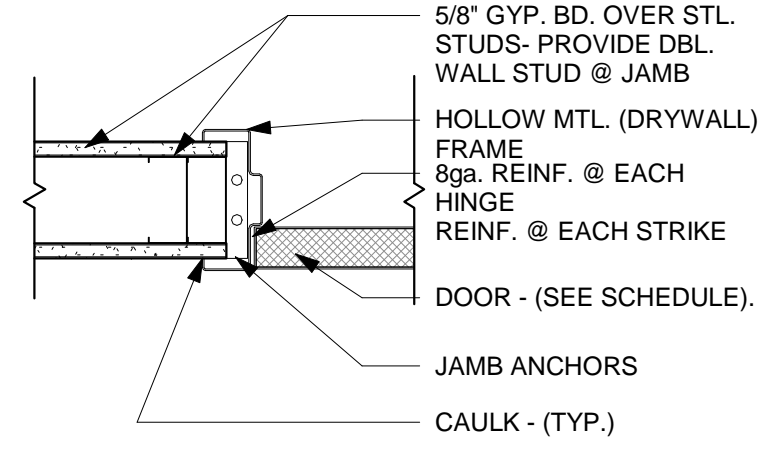


HARDWARE SETS

SET	DESCRIPTION	BRAND	MODEL
SET A:	OFFSET PIVOTS	KAWNEER	TOP, BOTTOM & INTERMEDIATE SEALAIR
2 SETS	WEATHERSTRIP	KAWNEER	TOP, BOTTOM & INTERMEDIATE
1 SET	CLOSERS	KAWNEER	SEALAIR
2	THRESHOLD	KAWNEER	(NOT FOR 1605 BF)
1	PULLS	KAWNEER	1 1/2" X 1 1/2" OFFSET
2	PUSH BARS	KAWNEER	1 1/2" X 1 1/2" OFFSET
2	DEADLOCK/LATCH	KAWNEER	ADAMS RITE MS-1890
H	LATCH PADDLE	KAWNEER	ADAMS RITE 4590
1	LATCH PADDLE STRIKE	KAWNEER	ADAMS RITE RADIUSED
1	CYLINDER	KAWNEER	AS REQ'D
1 PAIR	FLUSH BOLTS	KAWNEER	FLUSH BOLTS
SET B:	HINGES	STANLEY	FBB179 4 1/2" X 4 1/2" X US26D
3 EACH	HINGES	STANLEY	FBB179 4 1/2" X 4 1/2" X US26D
1 EACH	LOCKSET	SCHLAGE	A-SERIES LEVON A40D US26D
1 EACH	CLOSER	NORTON	1600 SERIES X PA A DA X TRI-STYLE
1 EACH	WALLSTOP	ROCKWOOD	408
2 EACH	SILENCERS	ROCKWOOD	608
2 EACH	KICKPLATE	ROCKWOOD	10" X 34" US26D
SET C:	CONT. GEAR	PEMCO	CFM79 X AMS
1 EA.	HINGE	VON DUPRIN	99775EO SURFACE MTD. w/o ALARM
1 EA.	EXIT DEVICE	NORTON	1600 SERIES X PA X DA X TRI-STYLE
1 EA.	CLOSER	NORTON	1600 SERIES X PA X DA X TRI-STYLE
2 EA.	ARMOR PLATE	ROCKWOOD	40" W X 32" D
1 EA.	KICK DOWN STOP	ROCKWOOD	408
1 EA.	CHAIN DR. CHECK	NATIONAL GD.	300D THRU-DOOR MTG.
1 EA.	DOOR ALARM	RB ENTERPRISES	THE MONITOR 400
1 EA.	THRESHOLD	NATIONAL GD.	424-42"
SET D:	ALL HARDWARE PROVIDED BY CONTRACTOR		
SET E:	HINGES	STANLEY	FBB179 4 1/2" X 4 1/2" X US26D
3 EA.	HINGES	STANLEY	FBB179 4 1/2" X 4 1/2" X US26D
1 EA.	LOCKSET	SCHLAGE	A-SERIES LEVON AL10S US26D
1 EA.	CLOSER	NORTON	1600 SERIES X PA A DA X TRI-STYLE
1 EA.	WALL STOP	ROCKWOOD	408
2 EA.	SILENCERS	ROCKWOOD	608
2 EA.	KICKPLATE	ROCKWOOD	10" X 34" US26D

GENERAL DOOR NOTES

1. ALL HARDWARE SHALL BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
2. SEE HARDWARE SETS FOR REQ'D. FINISHES.
3. ALL DOORS TO BE KEyed ALIKE.
4. ALL DOORS SHALL HAVE ADA APPROVED TYPE HARDWARE (VERIFY IN FIELD).
5. EXIT HARDWARE SHALL COMPLY WITH ALL APPLICABLE CODES.
6. THE MAXIMUM DIMENSION FROM THE TOP OF THE THRESHOLD TO THE EXTERIOR LANDING @ EXTERIOR DOORS SHALL NOT EXCEED 1/2". (VERIFY IN FIELD)
7. HOLLOW METAL FRAMES SHALL BE 16 GA. STEEL.
8. ALL GLAZING IN DOORS AND WITHIN A 24" ARC OF THE SIDES OF EGRESS DOORS SHALL BE OF AN APPROVED SAFETY TYPE. (VERIFY IN FIELD)
9. PROVIDE SIGNS @ EXIT DOORS TO READ. \*THIS EXIT MUST REMAIN UNLOCKED WHEN THIS BUILDING IS OCCUPIED. LETTERS SHALL BE 1" TALL & MOUNTED ON CONTRASTING BACKGROUND.
10. ADJUST CLOSERS SUCH THAT SWEEP PERIOD FROM AN OPEN POSITION OF 70 DEGREES, THE DOORS SHALL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF DOOR. MAXIMUM OPENING FORCE OF DOORS SHALL BE 5 LBF.
11. DOOR DETAILS DO NOT DEPICT ALL INTERIOR FINISHES. REFER TO INTERIOR ELEVATIONS & FINISH MATERIAL SCHEDULE FOR REQUIRED FINISHES.
14. G.C. TO INSTALL PANIC HARDWARE SET D AT EXISTING STOREFRONT.



2 DOOR JAMB DETAIL - H.M.  
1 1/2" = 1'-0"

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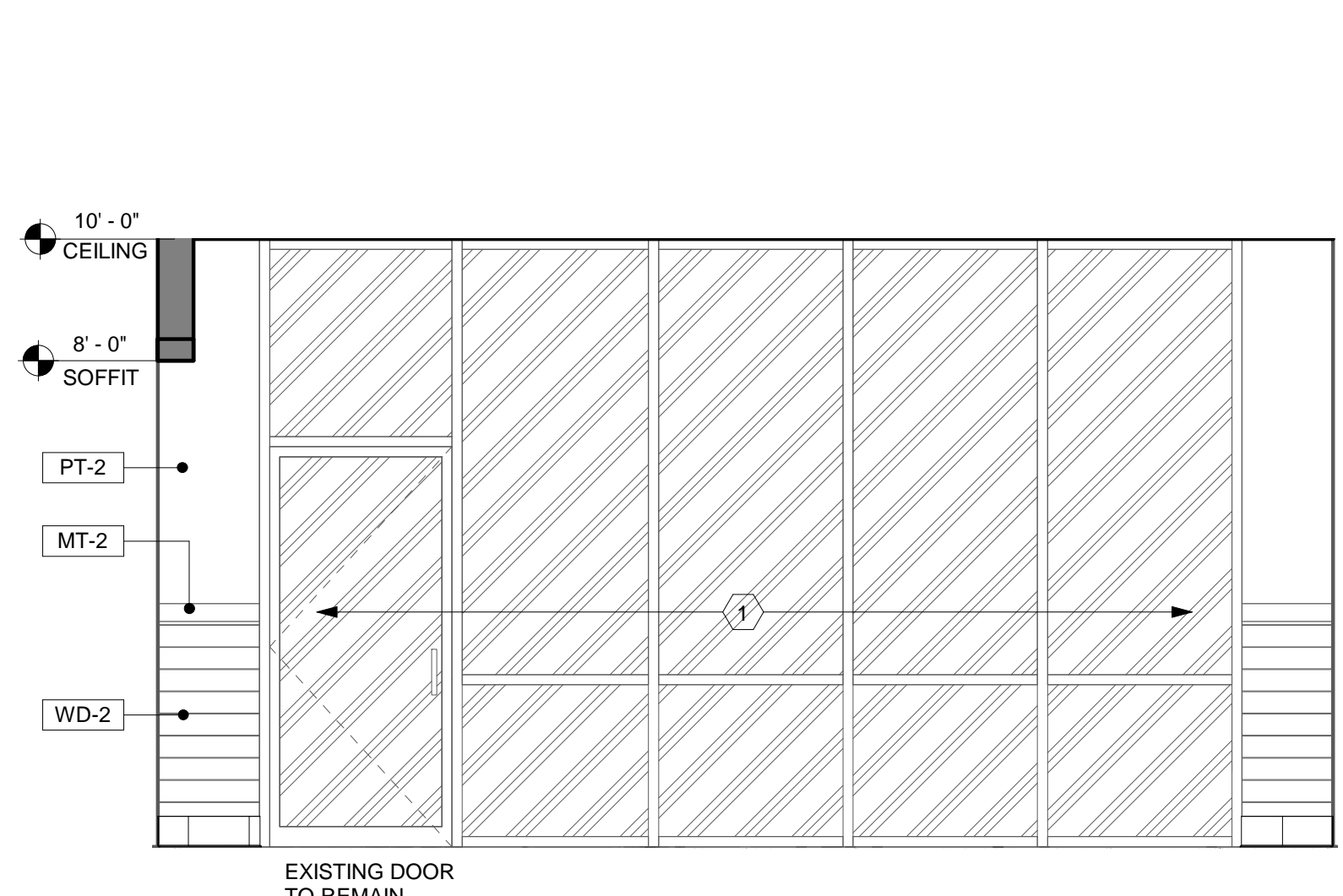
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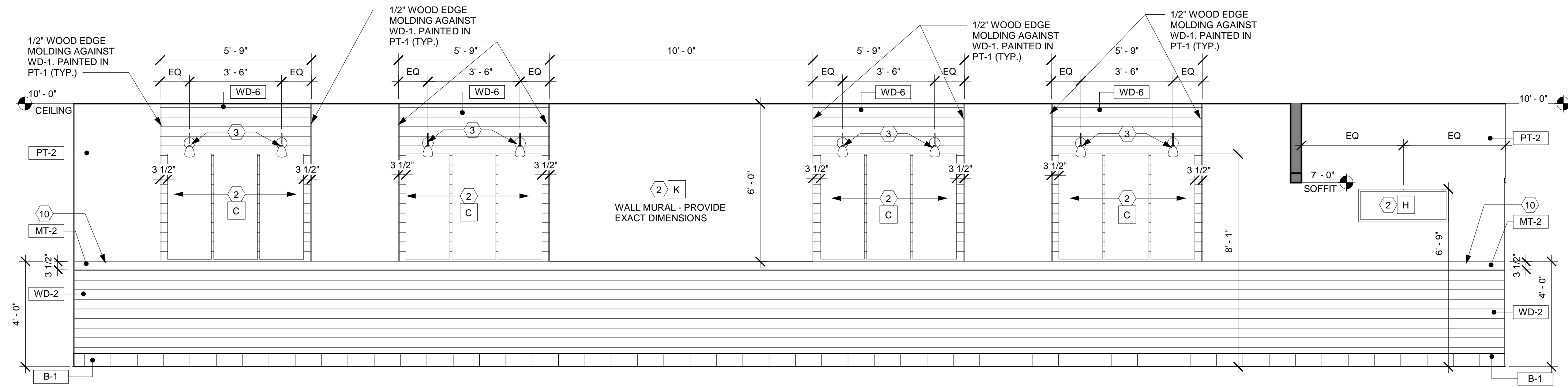
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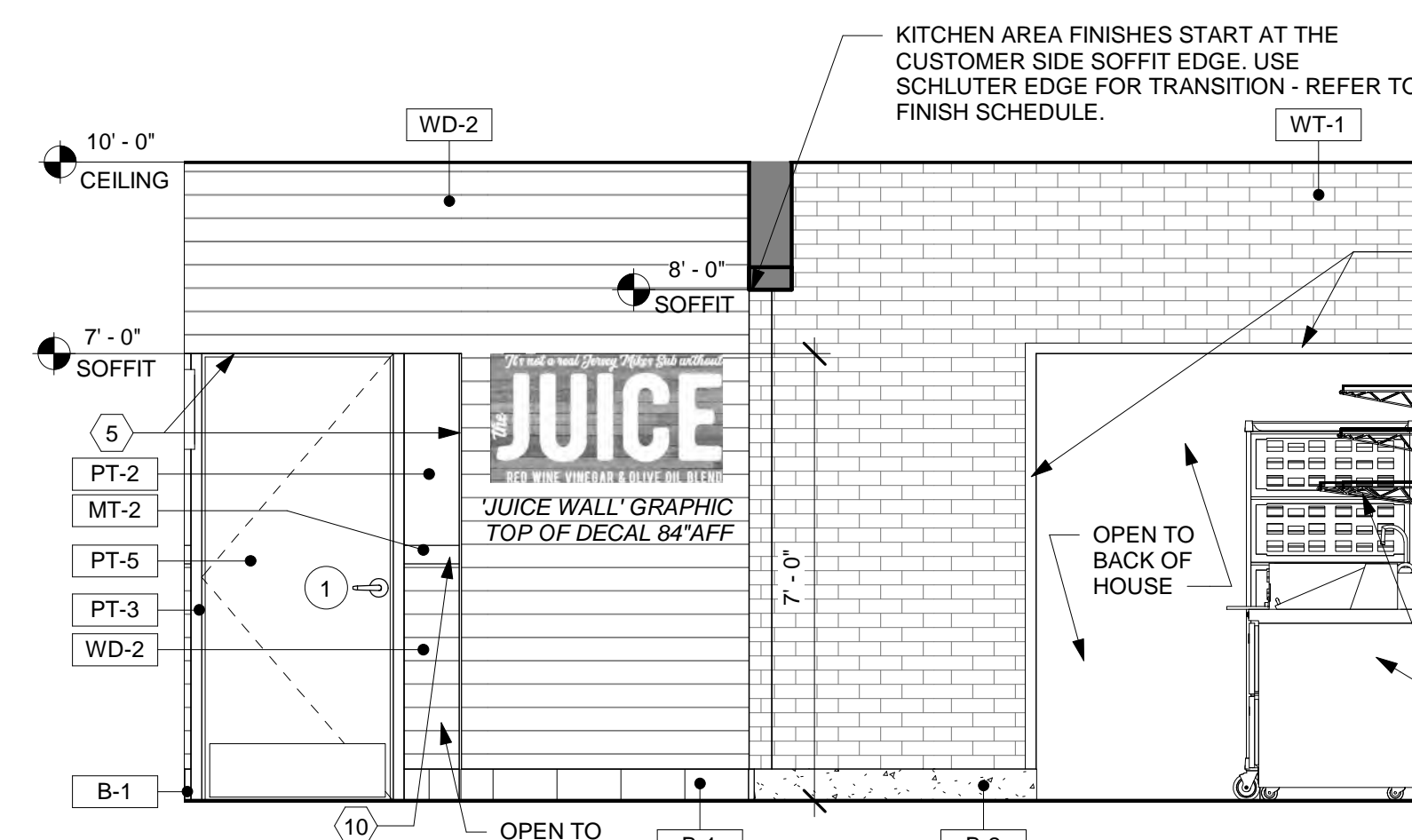
JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON - #8  
NC HWY 210  
LILLINGTON, NC 27546



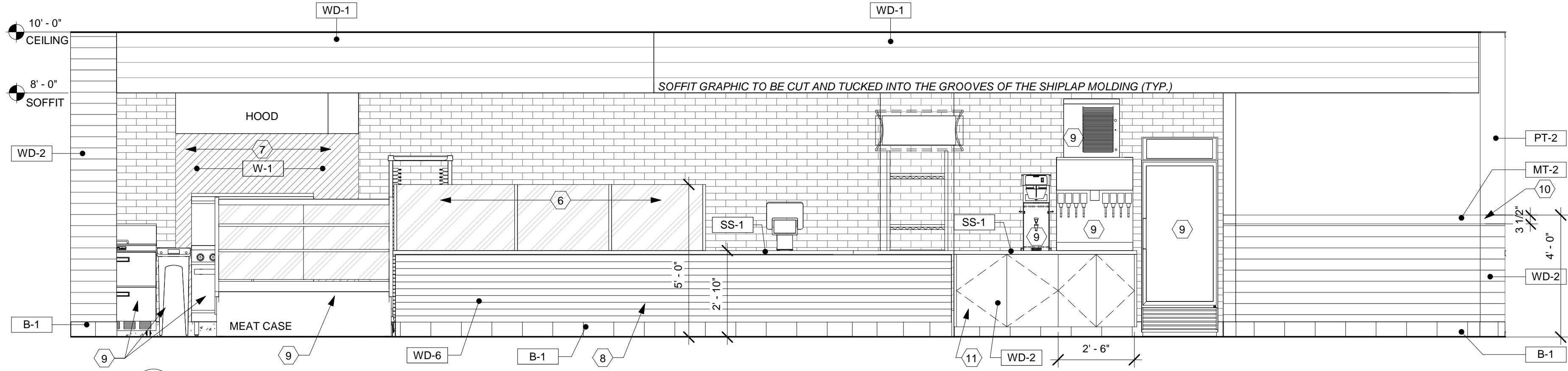
1 ELEV. @ DINING FRONT ENTRANCE  
A3.0 3/8" = 1'-0"



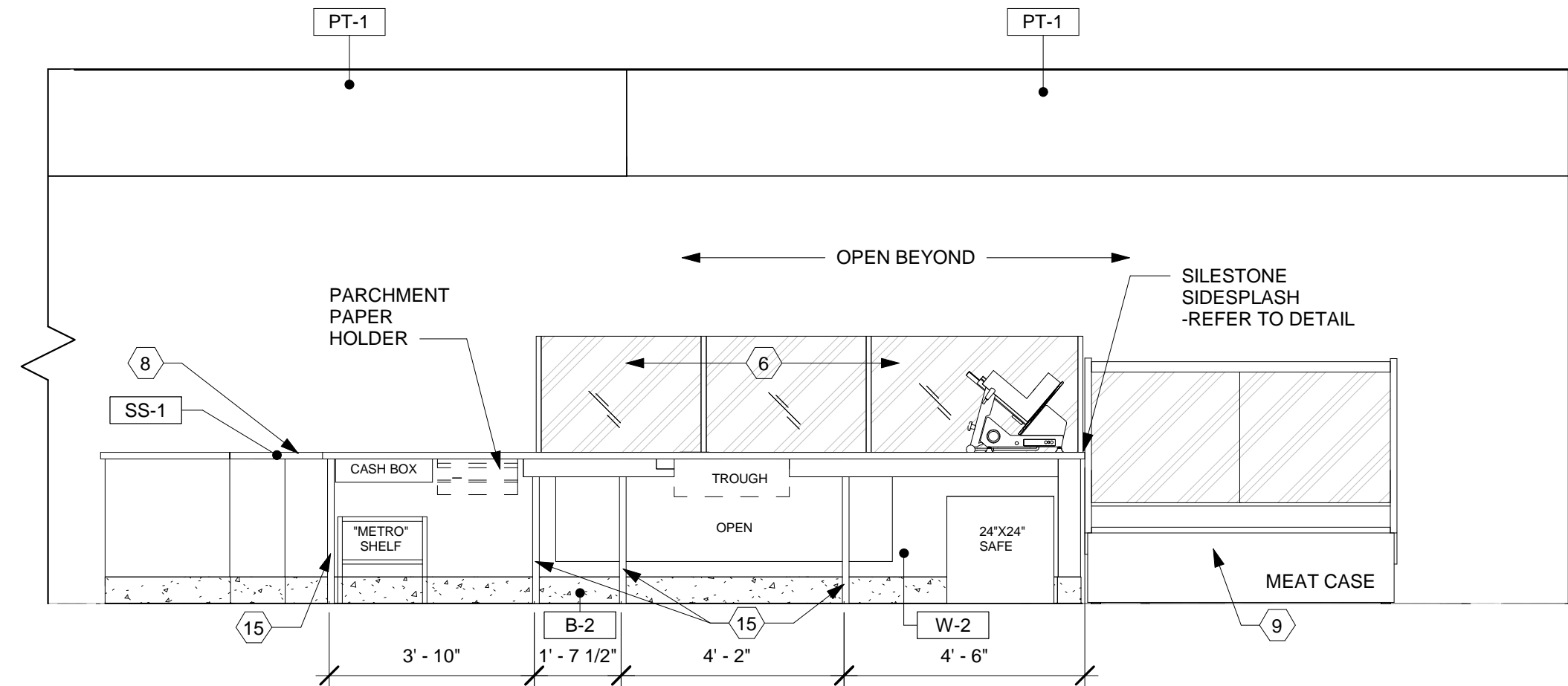
2 ELEV. @ DINING  
A3.0 3/8" = 1'-0"



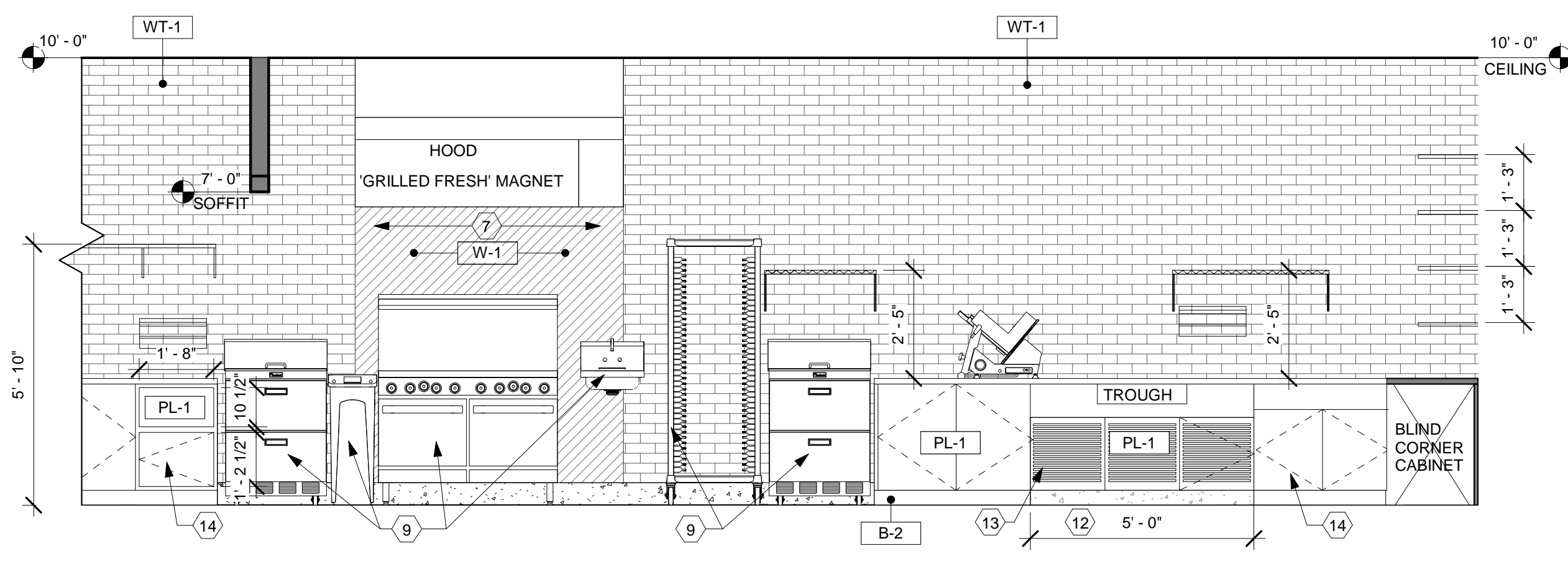
3 ELEV. @ DINING BACK WALL  
A3.0 3/8" = 1'-0"



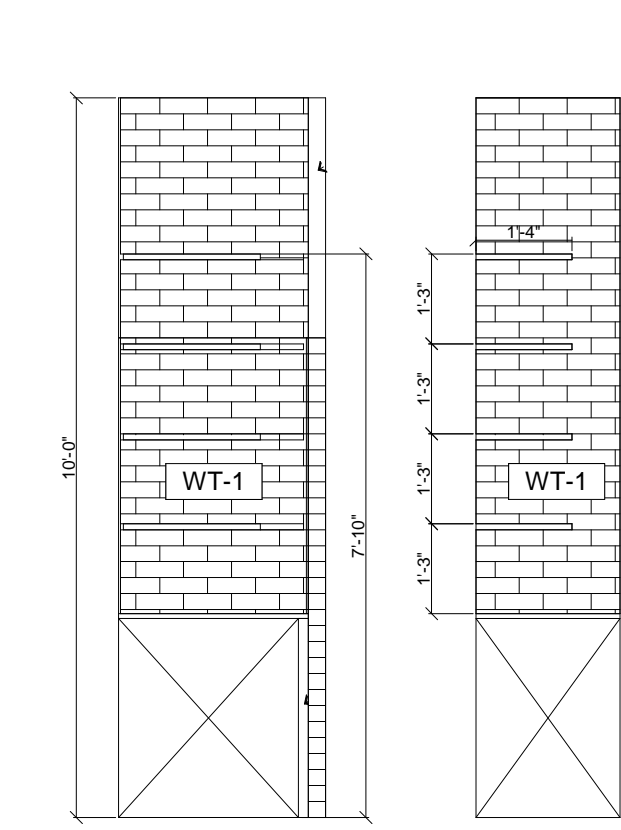
4 ELEV. @ MAIN SERVICE COUNTER/DRINK COUNTER  
A3.0 3/8" = 1'-0"



5 ELEV. @ SERVICE COUNTER (EMPLOYEE SIDE)  
A3.0 3/8" = 1'-0"



6 ELEV. @ FOOD PRODUCTION  
A3.0 3/8" = 1'-0"



7 ELEVATION @ SIDE SHELVES PRODUCTION AREA  
A3.0 3/8" = 1'-0"

INTERIOR ELEVATION KEY NOTES

- EXISTING STOREFRONT/DOOR TO REMAIN. G.C. TO VERIFY THAT EGRESS DOOR PANIC HARDWARE IS EXISTING AND IF NOT G.C. TO INSTALL PANIC HARDWARE AS SPECIFIED ON DOOR SCHEDULE SHT. A2.1.
- OWNER FURNISHED JERSEY MIKE'S ARTWORK - INSTALLED BY G.C. SEE SIGNAGE/GRAPHICS SCHEDULE SHT. EQ1.0.
- WALL SCONCE LIGHT FIXTURE.
- WNOT USED T.V.
- SCHLUTER EDGE AT OPENING - REFER TO FINISH SCHEDULE
- SNEEZEGUARDS W/SAFETY GLASS. SEE EQUIPMENT SCHEDULE.
- STAINLESS STEEL WALL FINISH AT GRILLE/HOOD.
- MILLWORK - SERVICE COUNTER. SEE SHEET A4.0 FOR DETAILS
- EQUIPMENT. SEE EQ1.0.
- CHAIR RAIL - M-1' WALL FINISH. SEE DET.10/A4.0.
- MILLWORK - BEVERAGE COUNTER. SEE SHEET A4.1 FOR DETAILS
- CENTER 5'-0" CABINET BELOW 4" DROP-IN UNIT. CONSULT DESIGN SPECIALIST ON LOCATION WITH COUNTERTOP CONFIGURATION SETUP
- LOUVERS IN DRAWER.
- MILLWORK COUNTERS REFER TO SHEET A4.0 & A4.1 FOR DETAILS.
- STEEL SUPPORT POSTS - SEE DETAILS SHT. A4.0.

GENERAL SHEET NOTES

- SEE SHEET EQ1.0 FOR ALL ARTWORK AND SIGNAGE SPECIFICATIONS IN GRAPHICS SCHEDULE. GRAPHICS TAG: X-000.
- SEE SHEET A2.0 FOR FINISH SCHEDULE & SPECIFICATIONS. FINISH TAG: X-0.

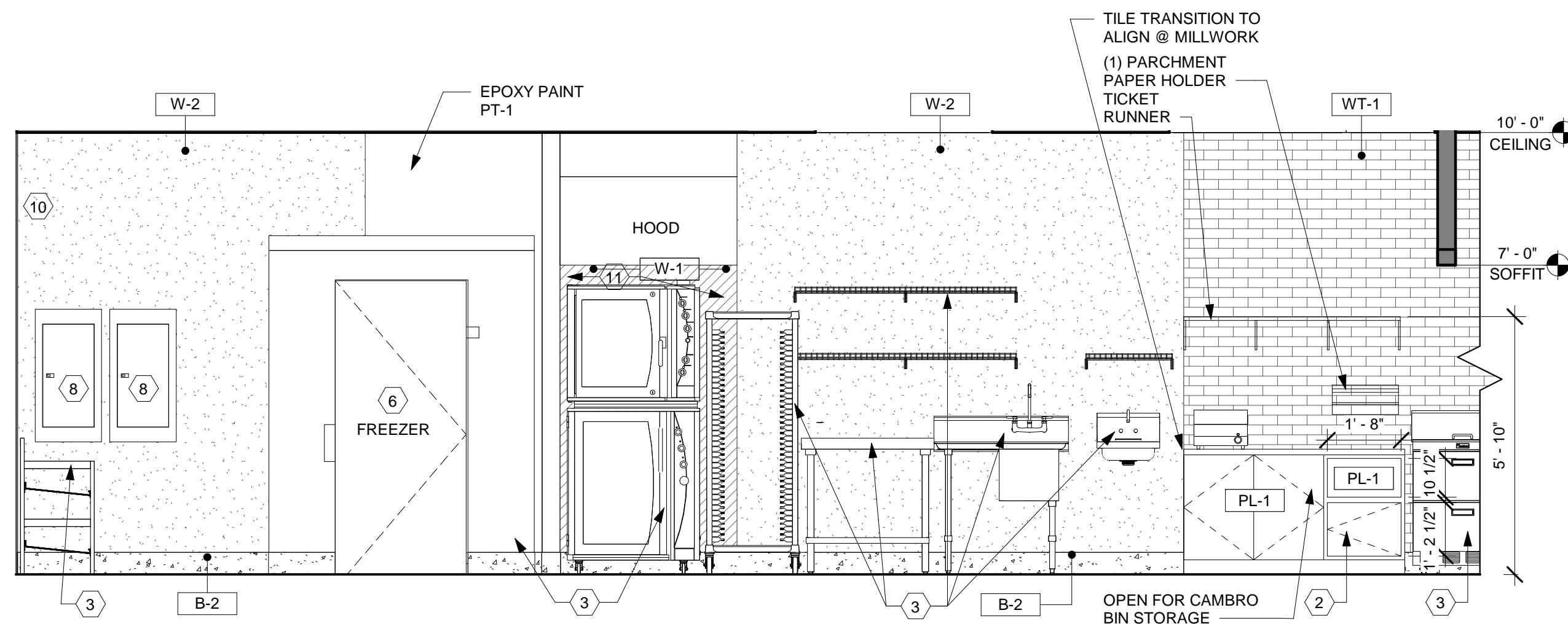
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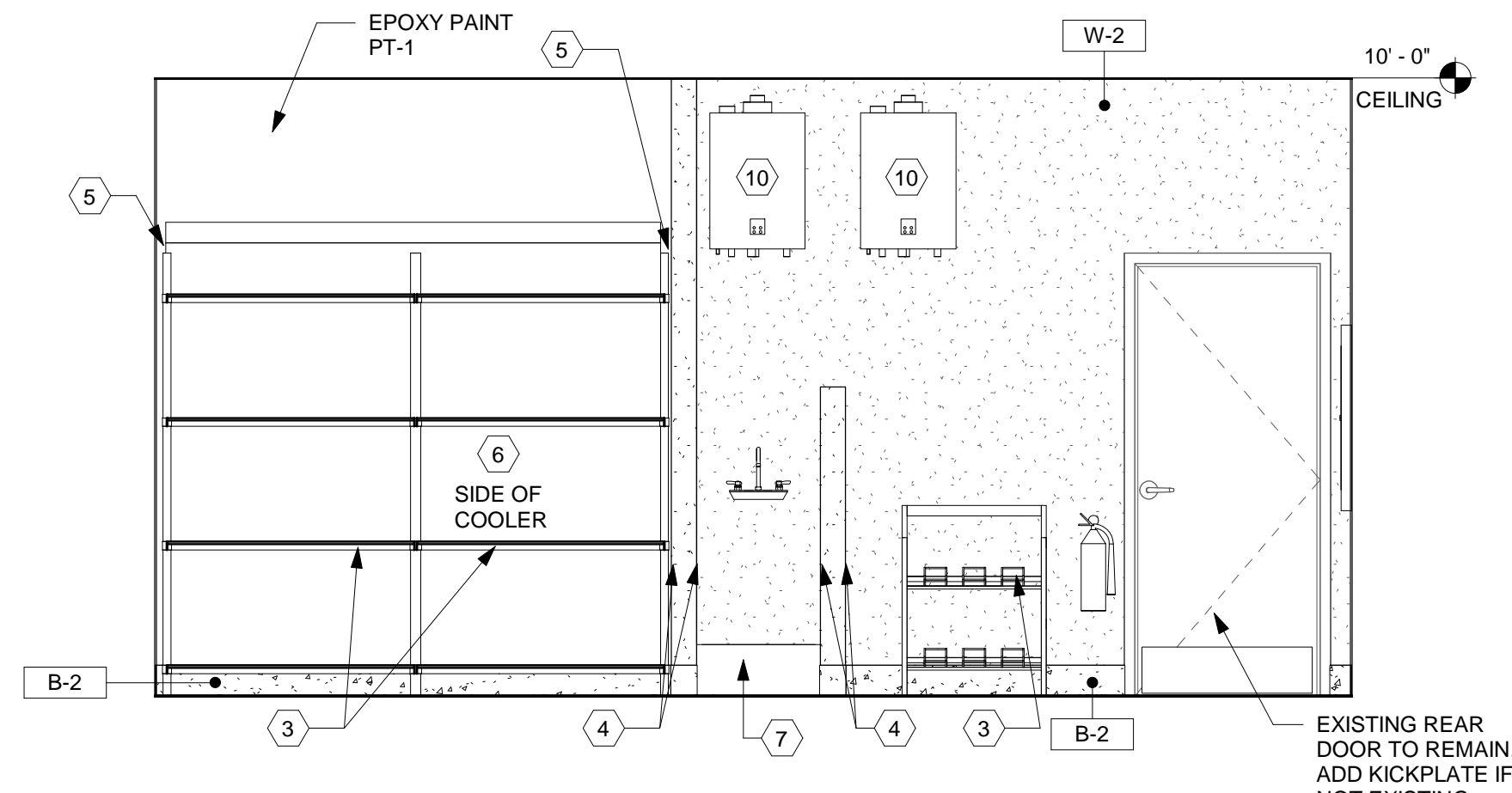
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ISSUE DATE: 05/17/2024

INTERIOR ELEVATIONS

A3.0



1 ELEV. @ BOH 1-COMP SINK/BREAD OVEN  
A3.1 3/8" = 1'-0"



2 ELEV. @ BOH REAR DOOR/MOP SINK  
A3.1 3/8" = 1'-0"

**INTERIOR ELEV. KEY NOTES**

- 1 OWNER FURNISHED JERSEY MIKE'S ARTWORK - INSTALLED BY G.C.. SEE SIGNAGE/GRAPHICS SCHEDULE SHT. EQ1.0.
- 2 MILLWORK - SEE DETAILS SHT. A4.0 & A4.1
- 3 EQUIPMENT. SEE EQ1.0.
- 4 PROVIDE 6' TALL FRP CORNER GUARD FROM TOP OF BASE
- 5 CLOSURE CORNER TRIM TO MATCH WALK-IN COOLER. FURNISHED AND INSTALLED BY KITCHEN EQUIPMENT SUPPLIER.
- 6 COOLER OR FREEZER - SEE EQUIPMENT SCHEDULE ON SHT. EQ1.0 FOR SPECIFICATIONS.
- 7 MOP SINK. SEE PLUMBING DWGS.
- 8 ELECTRICAL PANELS - SEE ELECTRICAL DRAWINGS.
- 9 RESTROOM WALL TILE MUST EXTEND ABOVE THE WALL SWITCH.
- 10 WATER HEATER. REFER TO PLUMBING DRAWINGS.
- 11 STAINLESS STEEL WALL FINISH AT GRILLE/HOOD.

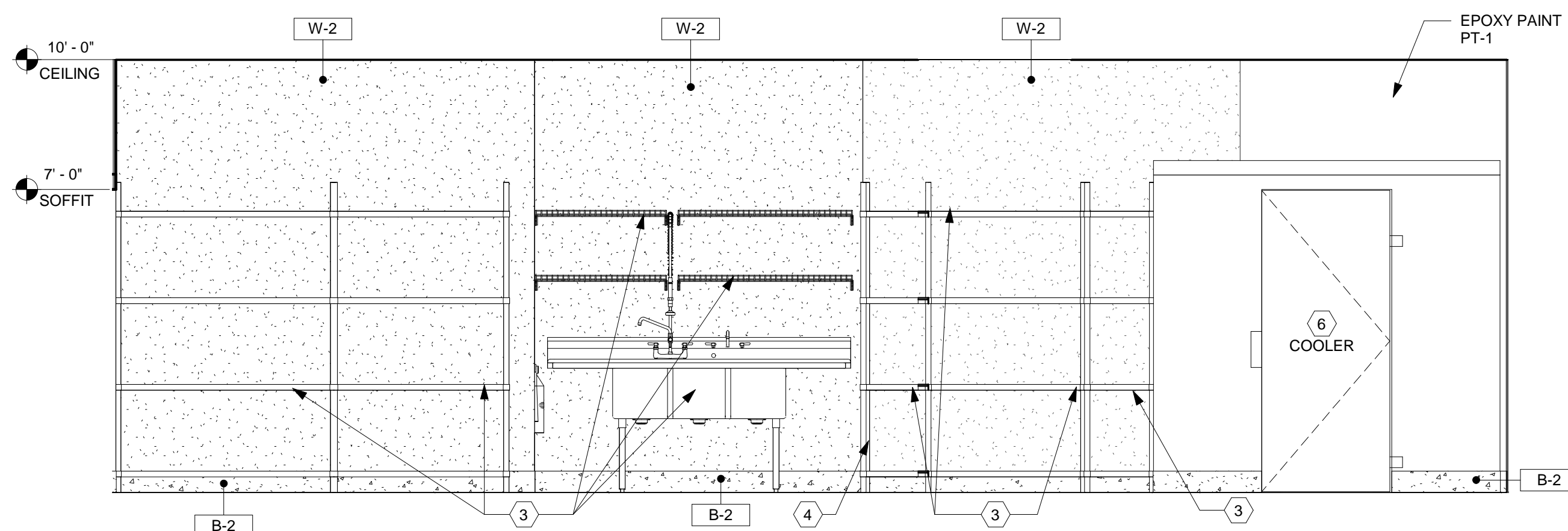
**GENERAL SHEET NOTES:**

1. SEE SHEET EQ1.0 FOR ALL ARTWORK AND SIGNAGE SPECIFICATIONS IN GRAPHICS SCHEDULE. GRAPHICS TAG: XX
2. SEE SHEET A2.0 FOR FINISH SCHEDULE & SPECIFICATIONS. FINISH TAG: X-0

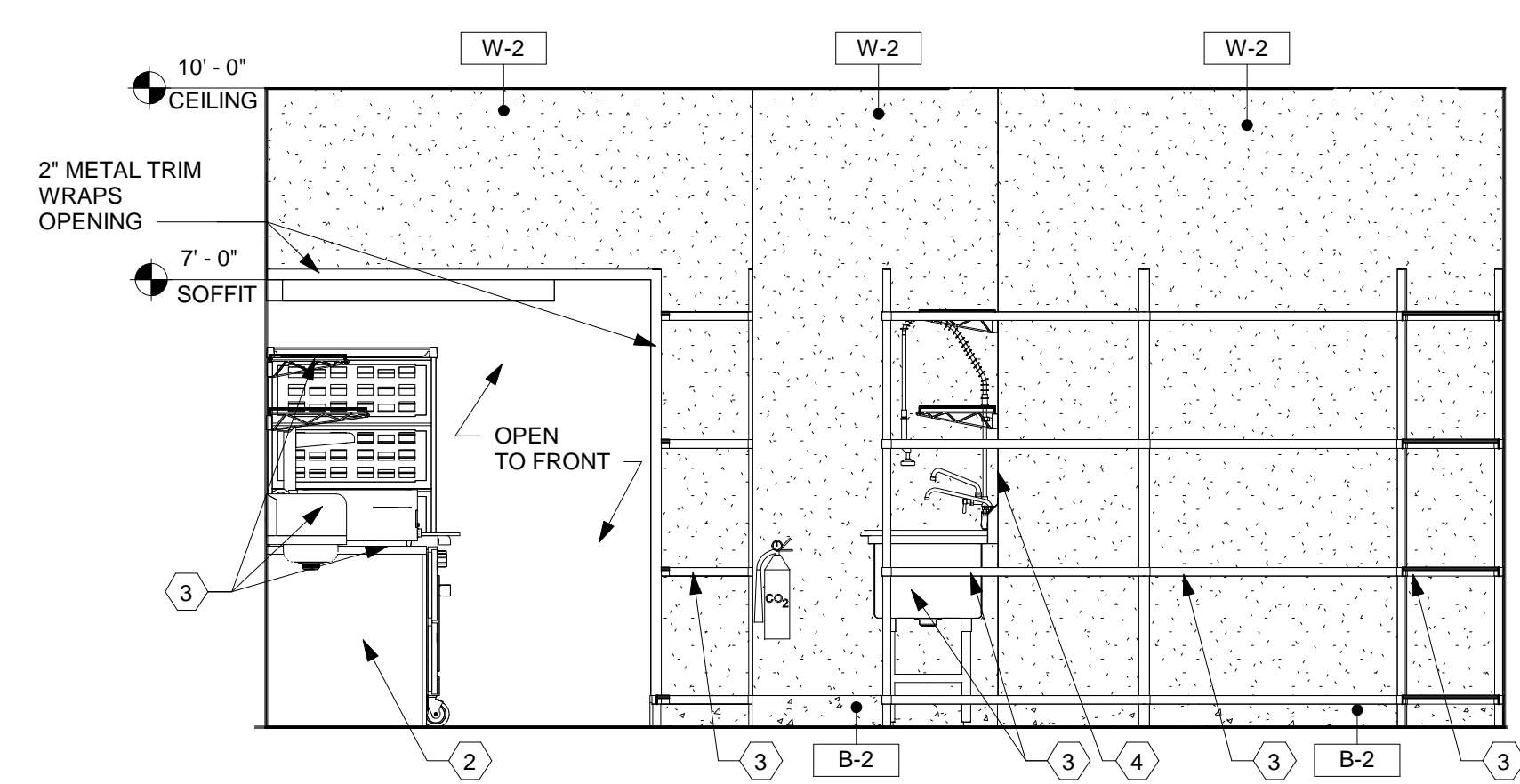
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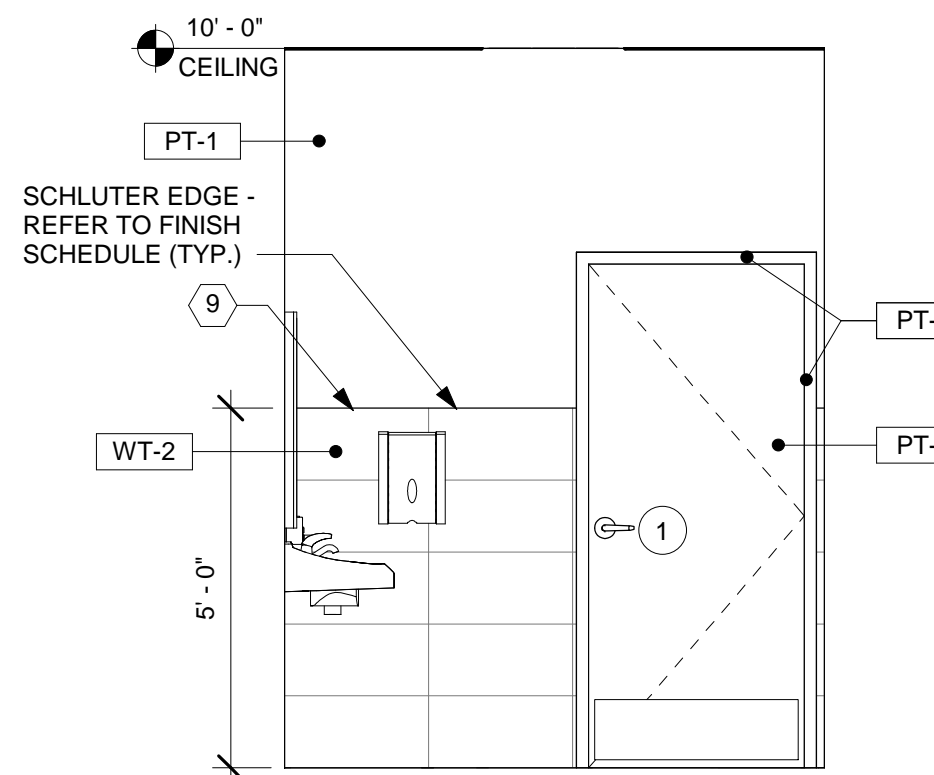
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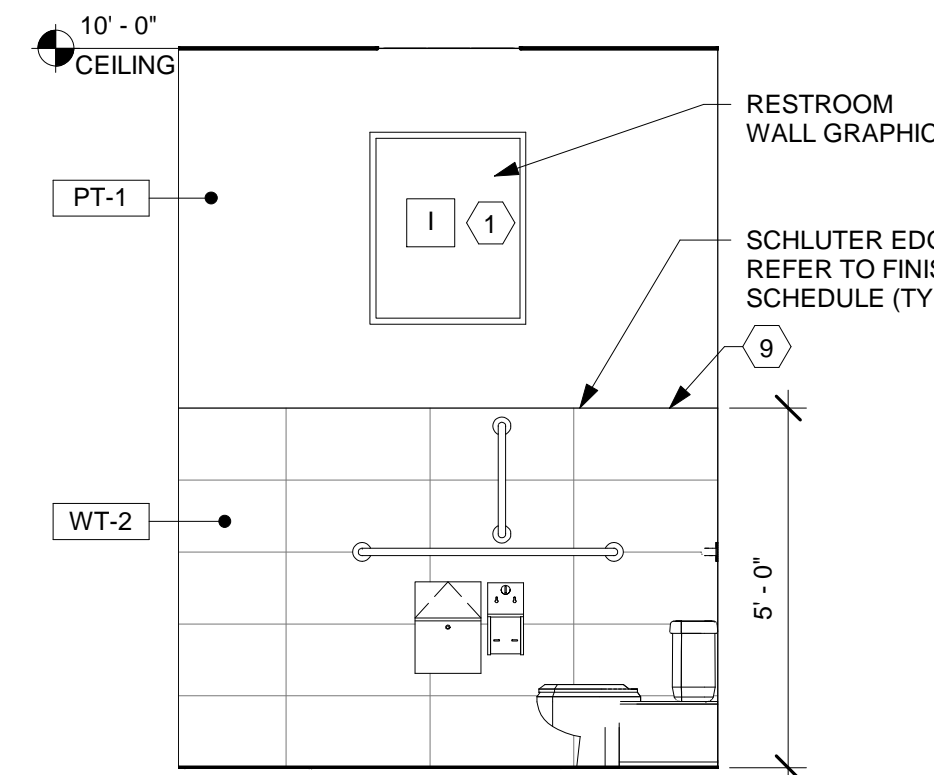
3 ELEV. @ BOH 3-COMP SINK/COOLER  
A3.1 3/8" = 1'-0"



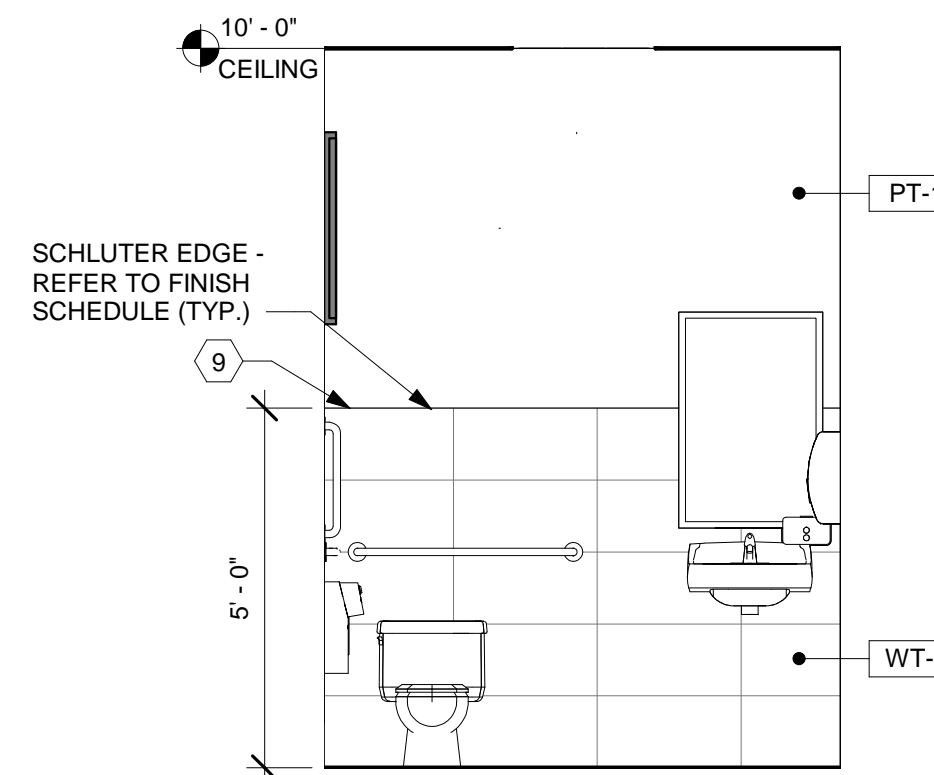
4 ELEV. @ BOH VIEW TO FRONT  
A3.1 3/8" = 1'-0"



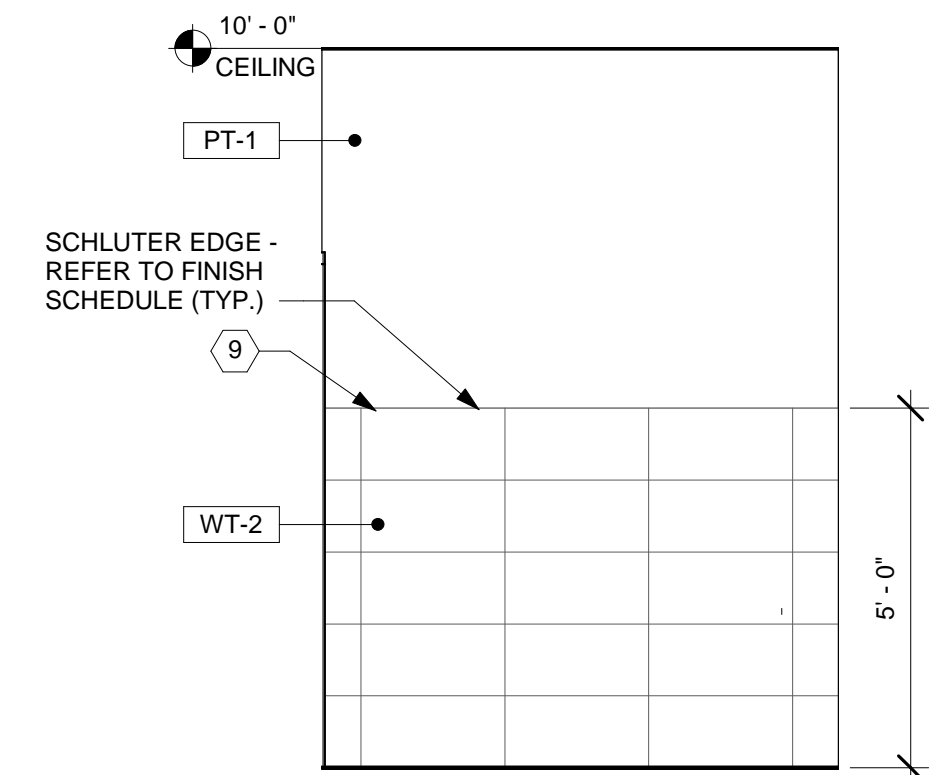
5 ELEV. @ WOMEN'S RR DOOR  
A3.1 3/8" = 1'-0"



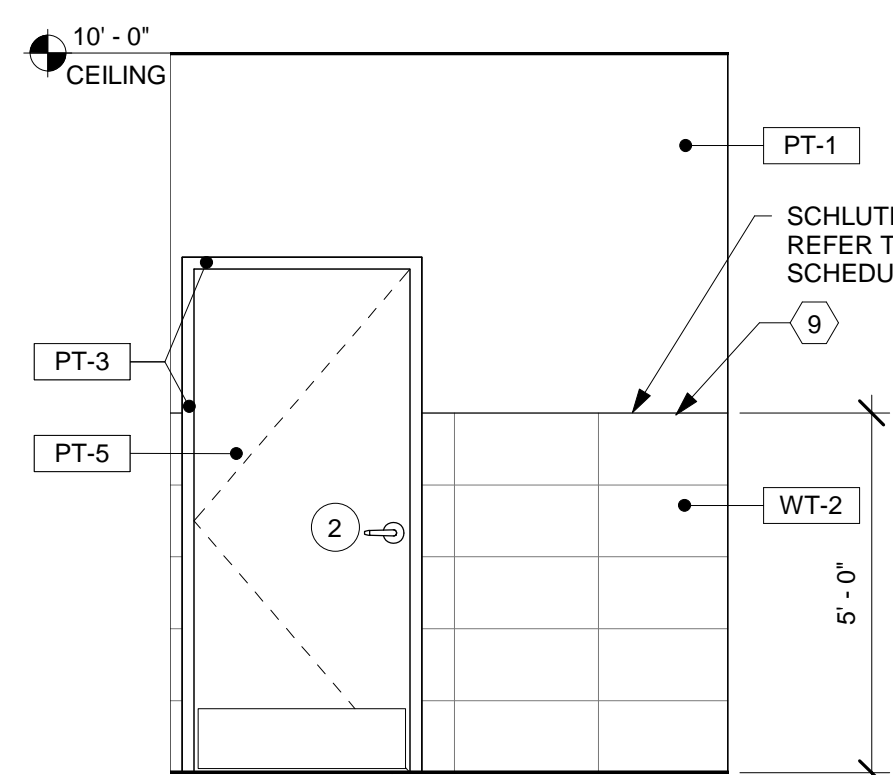
6 ELEV. @ WOMEN'S RR SIDE TOILET  
A3.1 3/8" = 1'-0"



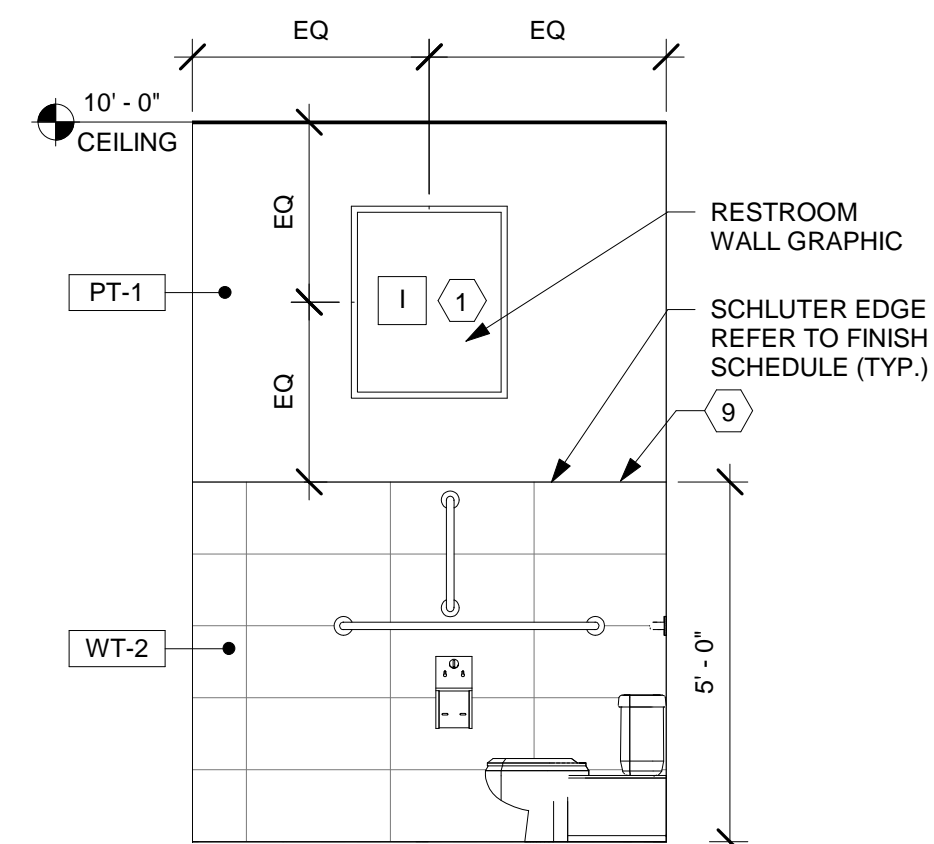
7 ELEV. @ WOMEN'S RR TOILET  
A3.1 3/8" = 1'-0"



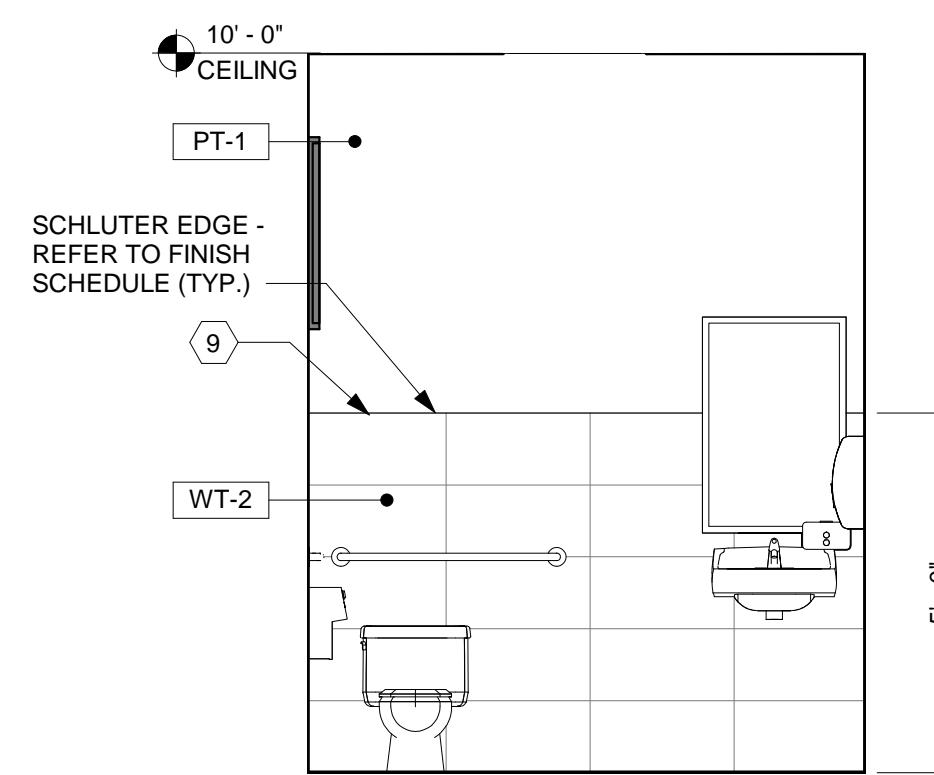
8 ELEV. @ WOMEN'S RR WALL  
A3.1 3/8" = 1'-0"



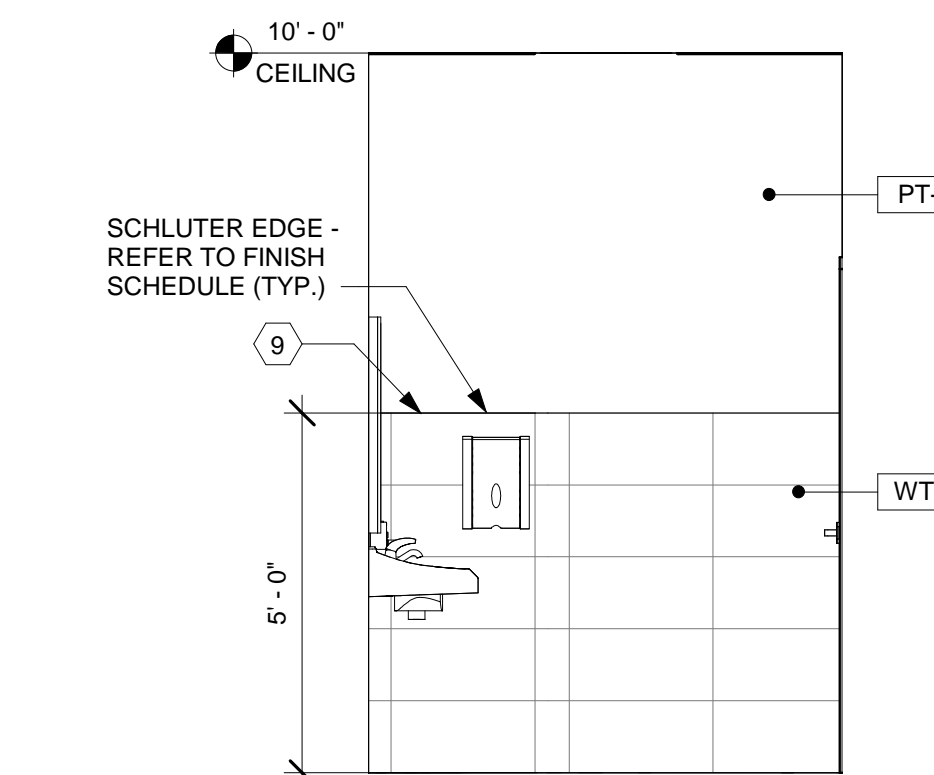
9 ELEV. @ MEN'S RR DOOR  
A3.1 3/8" = 1'-0"



10 ELEV. @ MEN'S RR SIDE TOILET  
A3.1 3/8" = 1'-0"



11 ELEV. @ MEN'S RR TOILET  
A3.1 3/8" = 1'-0"



12 ELEV. @ MEN'S RR SIDE VANITY  
A3.1 3/8" = 1'-0"

JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON - #8  
NC HWY 210  
LILLINGTON, NC 27546



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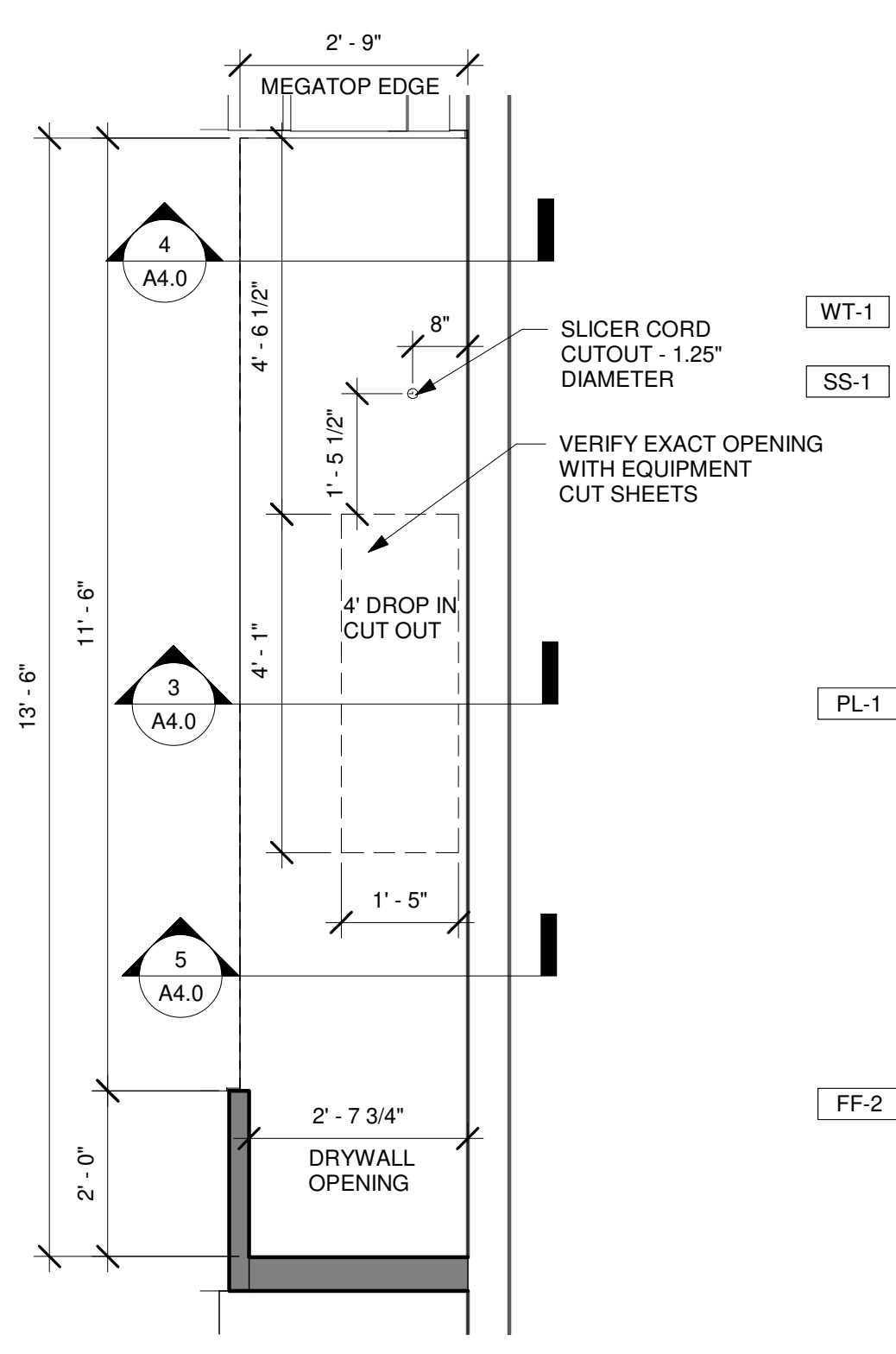


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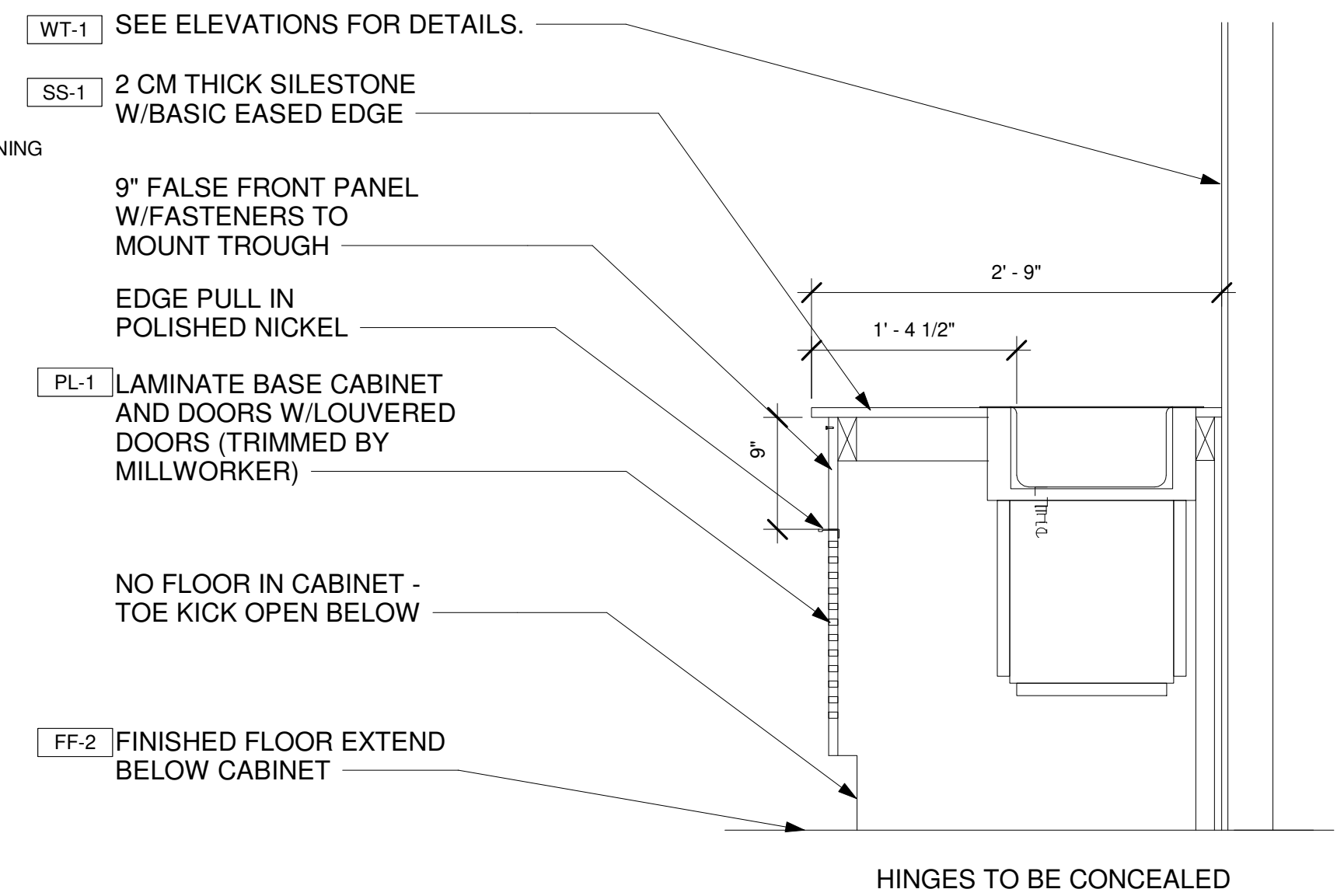
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MILLWORK DETAILS

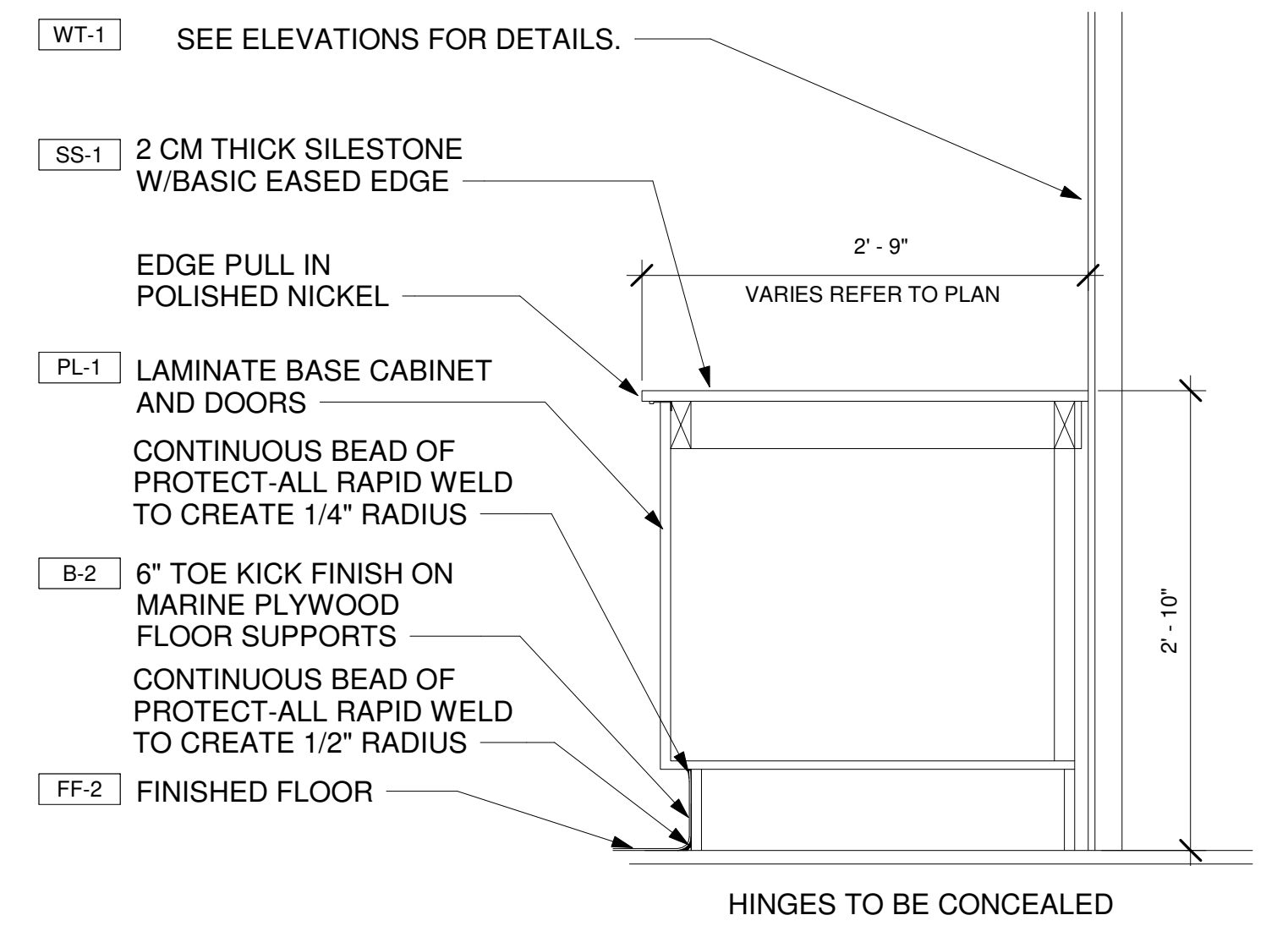
A4.0



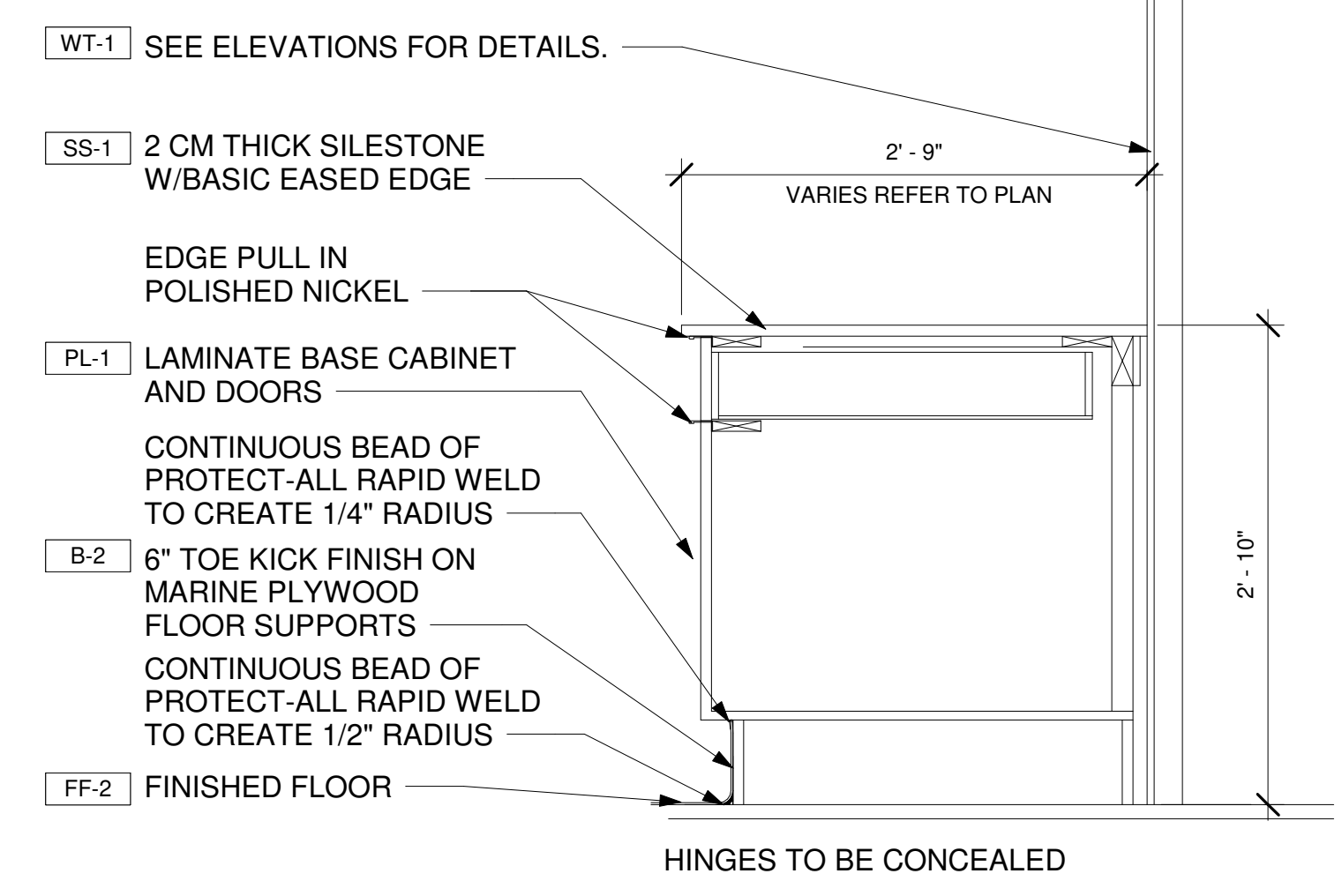
1 ENLARGED PLAN - MILLWORK @ FOOD PRODUCTION  
1/2" = 1'-0"



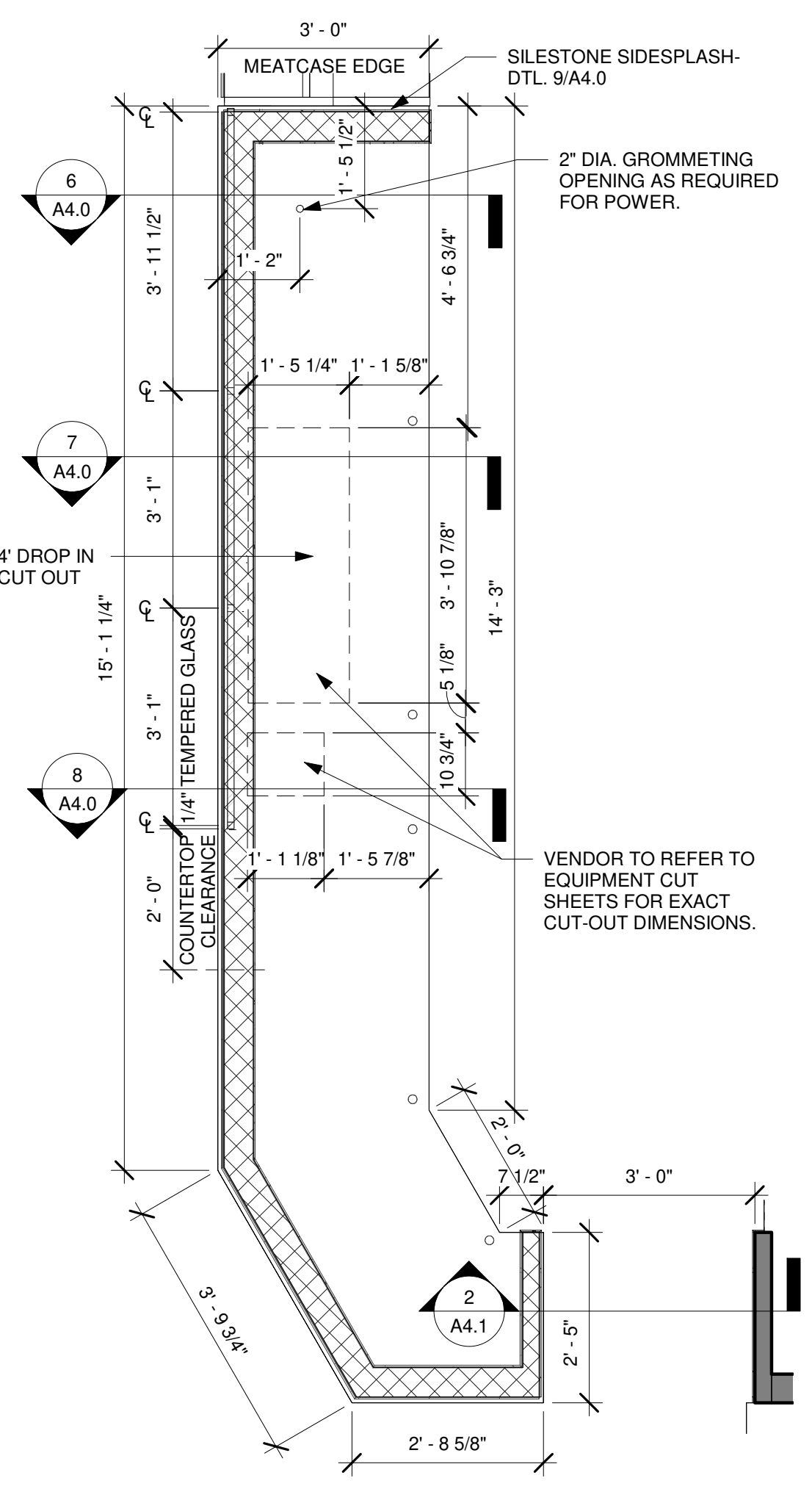
3 SECTION @ DROP IN UNIT (GALLEY SETUP)  
1" = 1'-0"



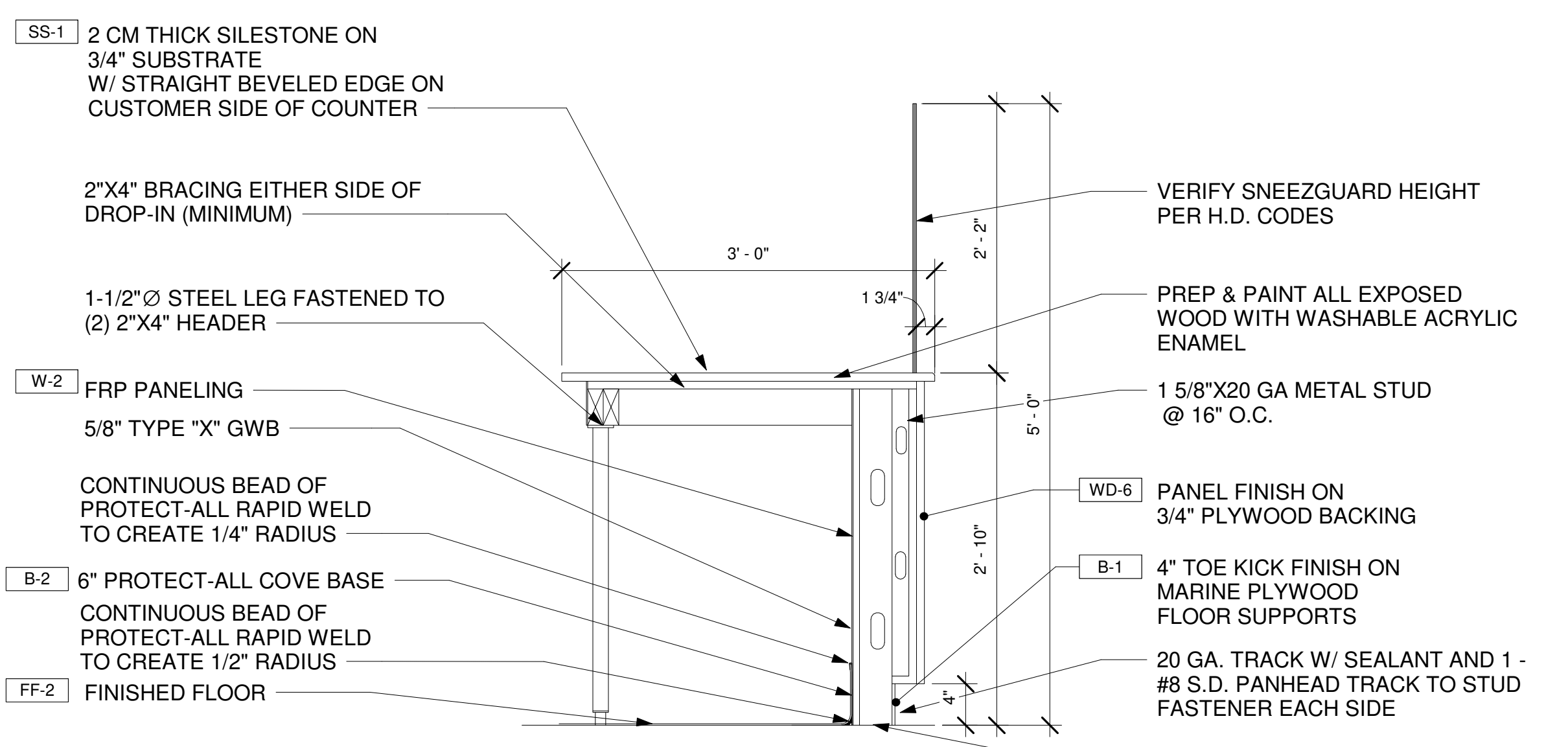
4 SECTION DETAIL AT DEMISING WALL-INTEGRAL BASE  
1" = 1'-0"



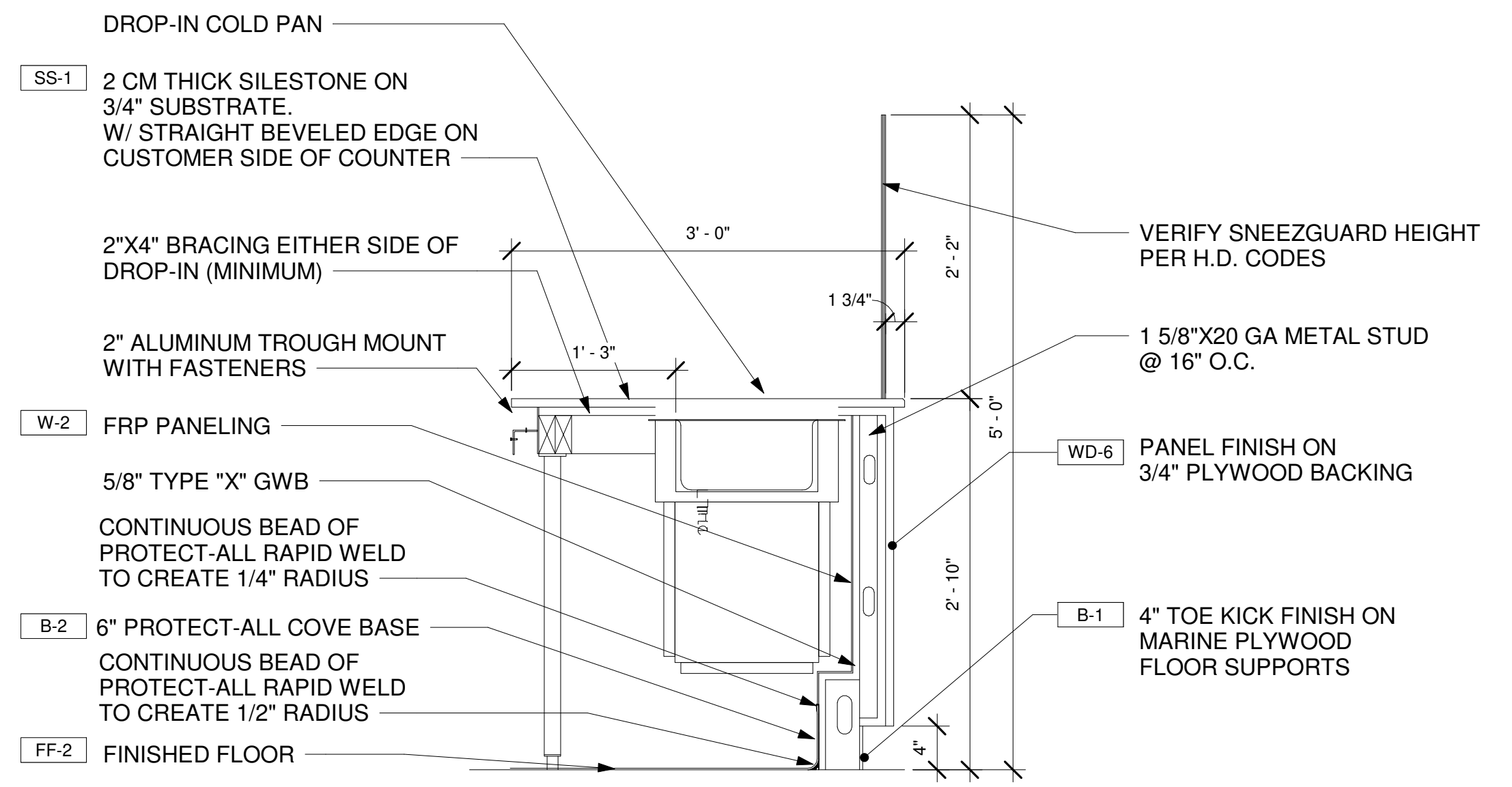
5 SECTION AT DRAWER AND DOOR BASE @ DEMISING WALL-INTEGRAL BASE  
1" = 1'-0"



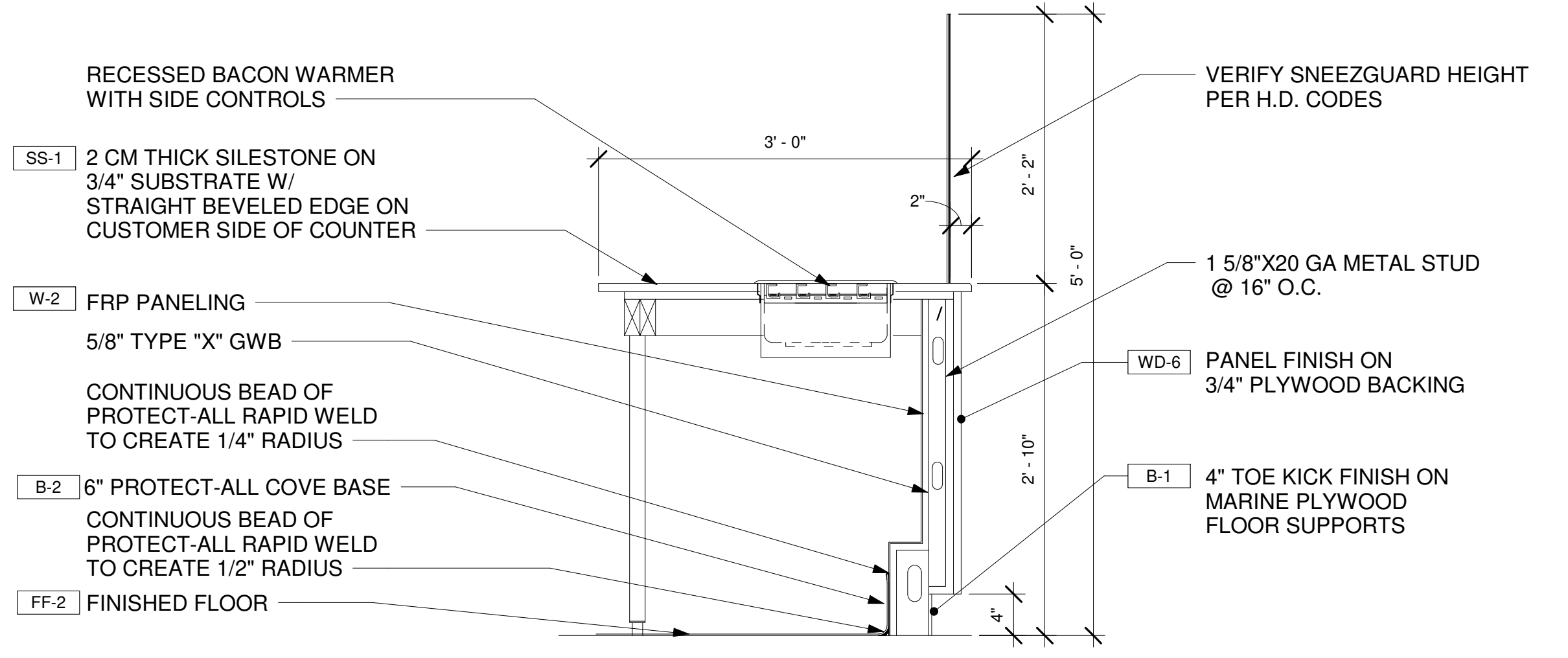
2 ENLARGED PLAN - SERVICE MILLWORK COUNTER  
1/2" = 1'-0"



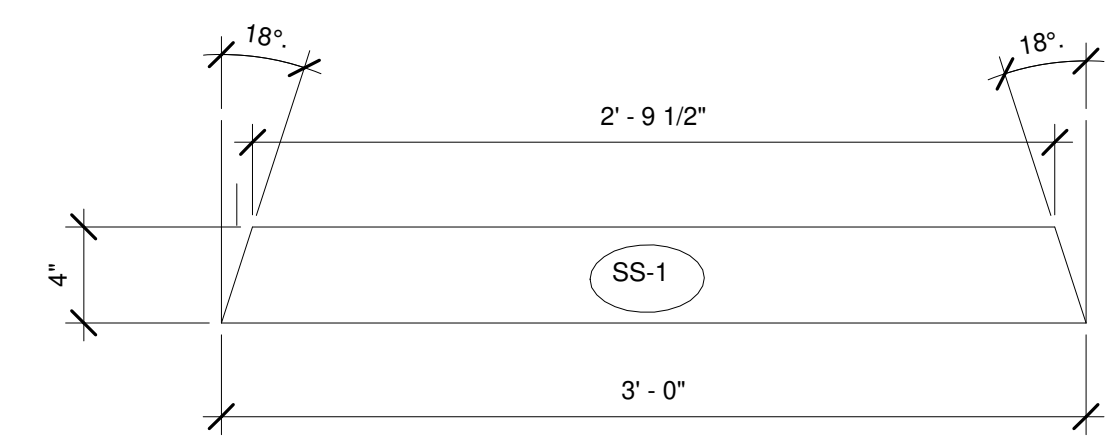
6 SECTION @ CUSTOMER SERVICE COUNTER-INTEGRAL BASE  
1" = 1'-0"



7 SECTION @ CUSTOMER SERVICE COUNTER @ DROP-IN-INTEGRAL BASE  
1" = 1'-0"



8 SECTION @ CUSTOMER SERVICE COUNTER @ RECESSED BACON WARMER-INTEGRAL BASE  
1" = 1'-0"



9 SIDESPLASH ELEVATION @ MEATCASE  
1 1/2" = 1'-0"

MILLWORK NOTE:  
IF COUNTER DIMENSIONS DIFFER FROM THE ABOVE DRAWINGS, REACH OUT TO CORPORATE TO CONFIRM CUT OUT LOCATIONS

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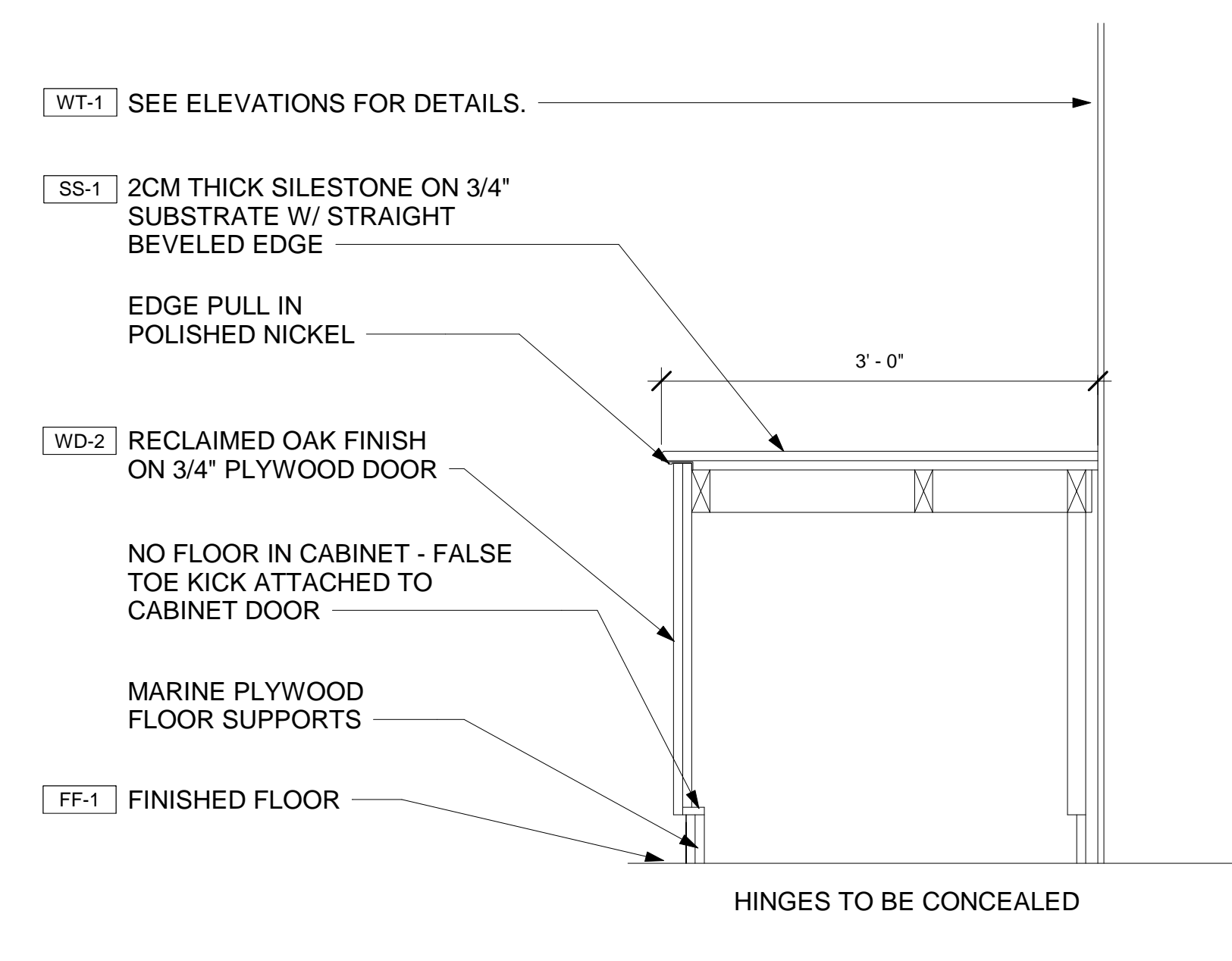
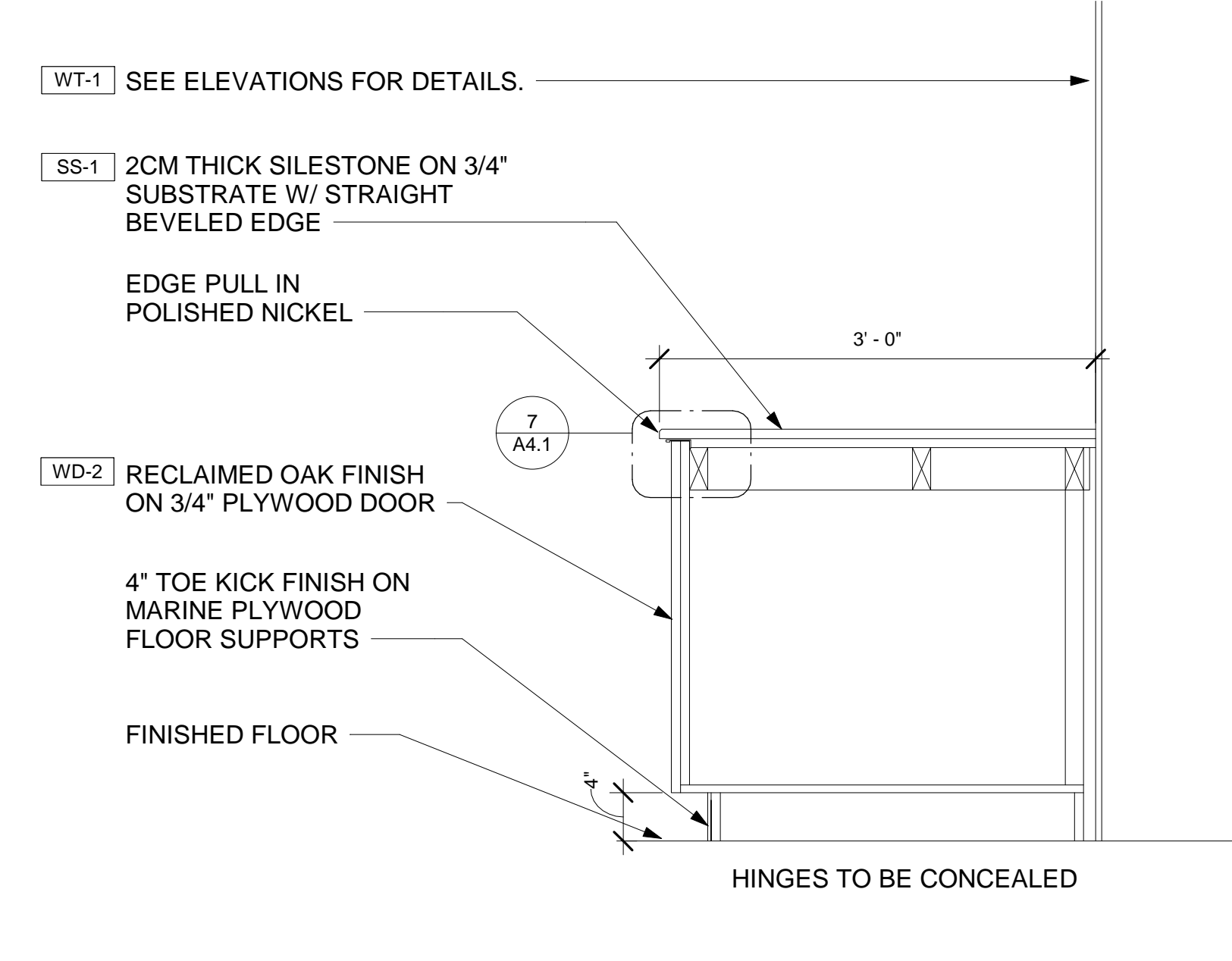
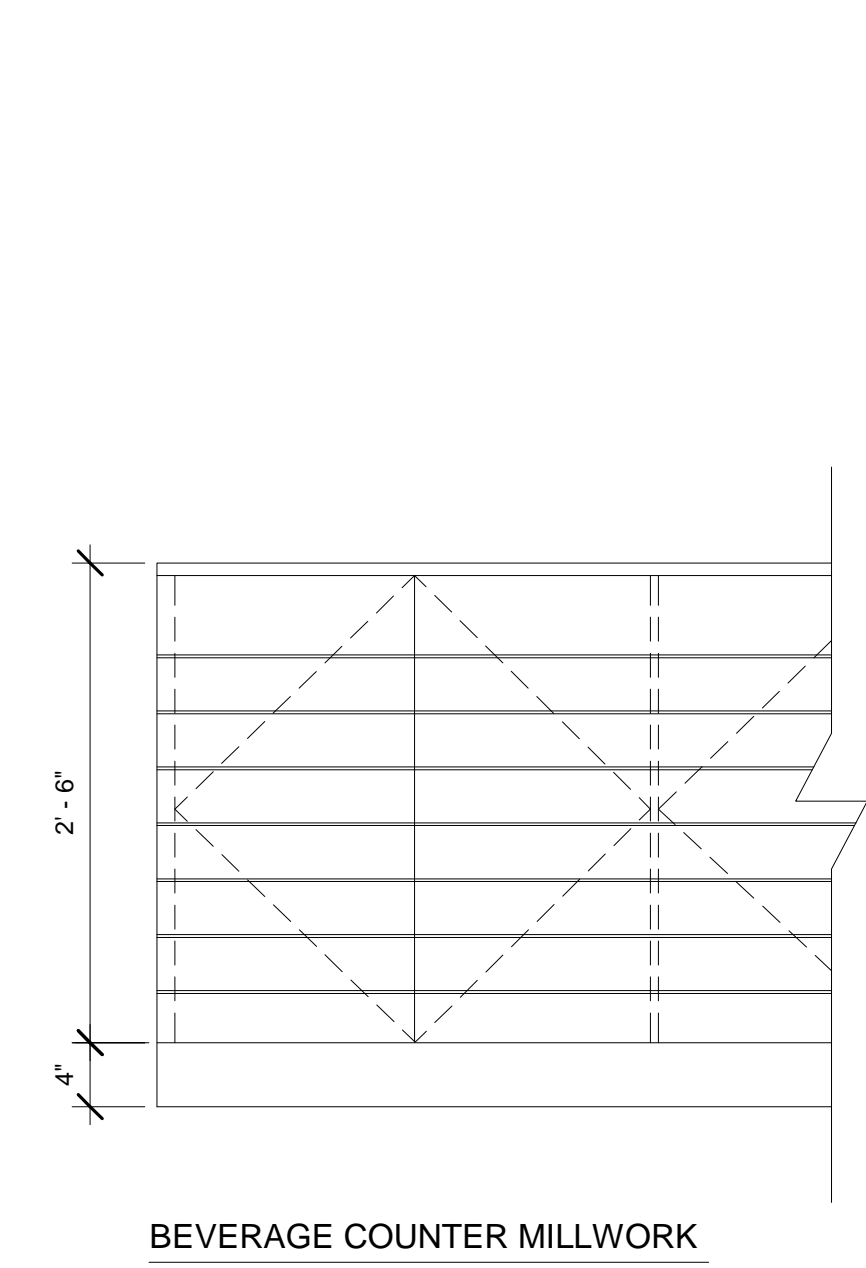
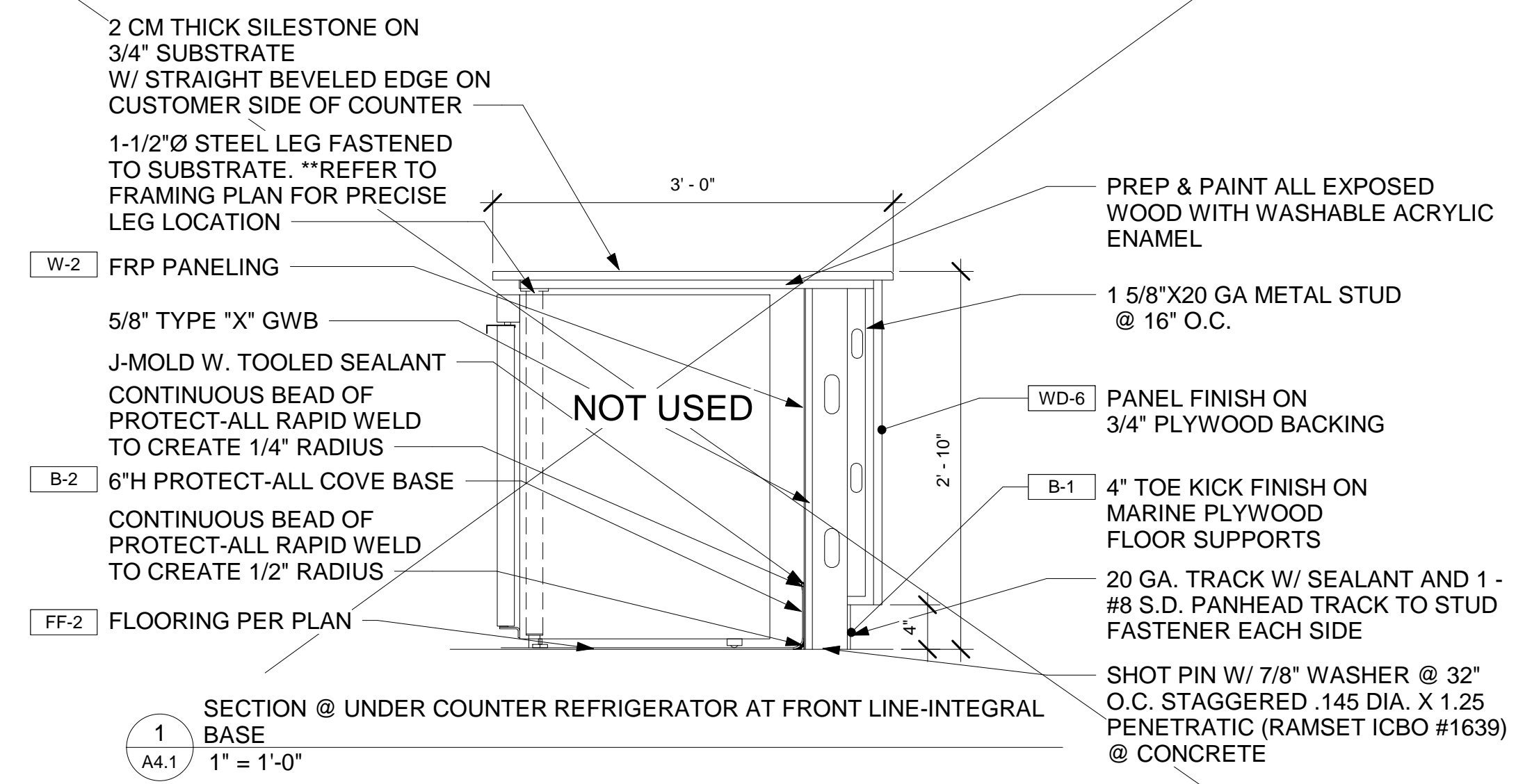
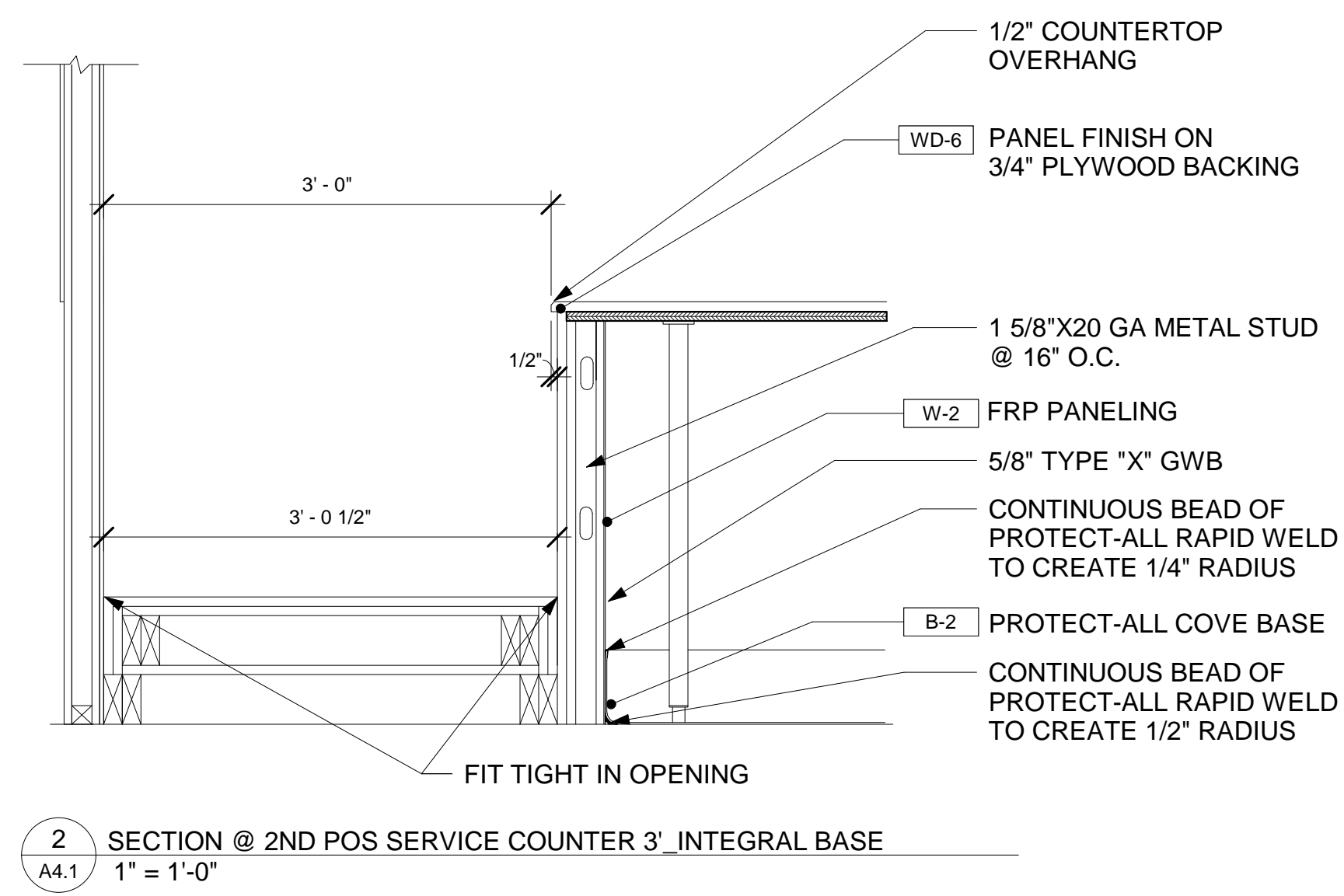
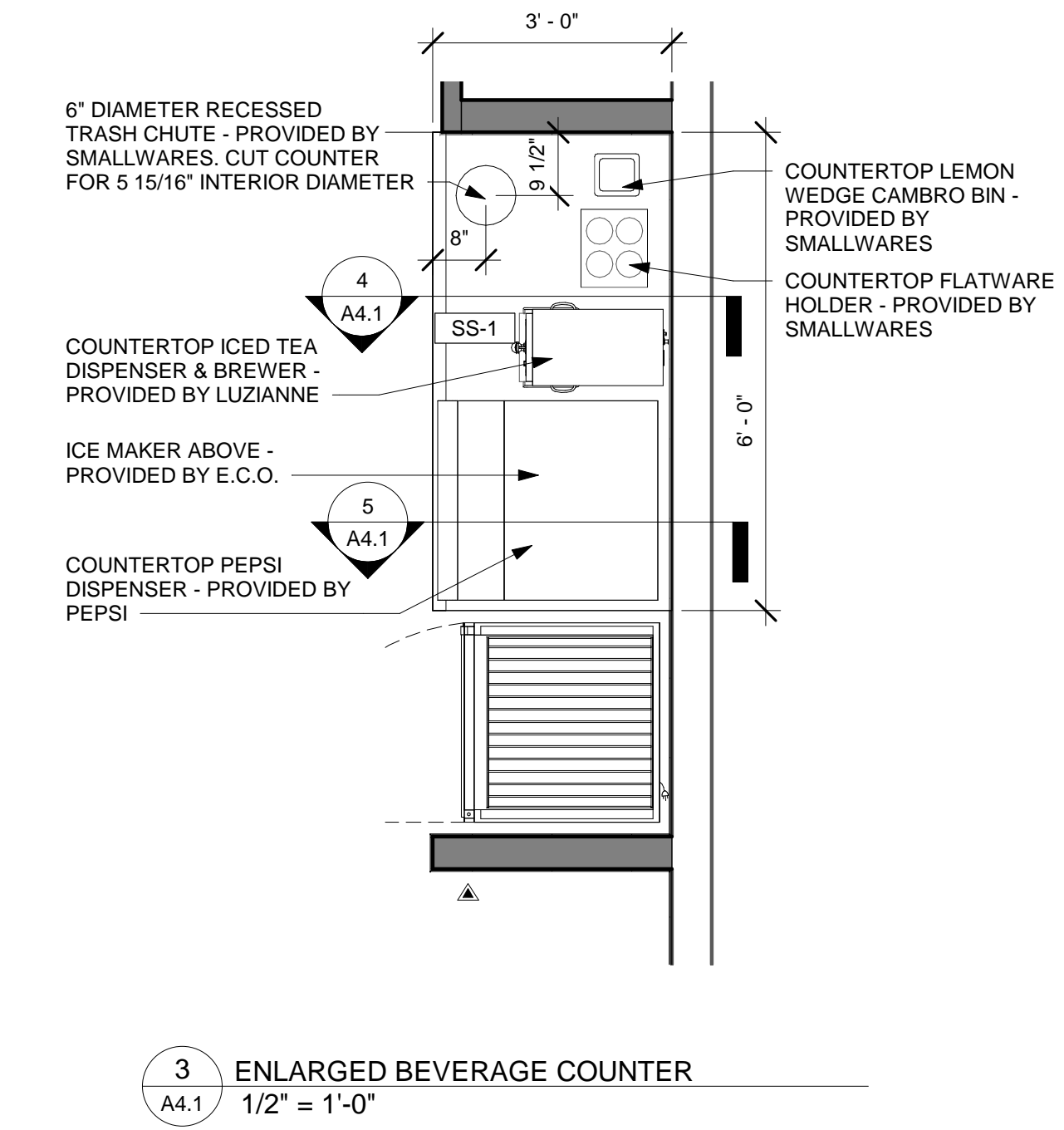


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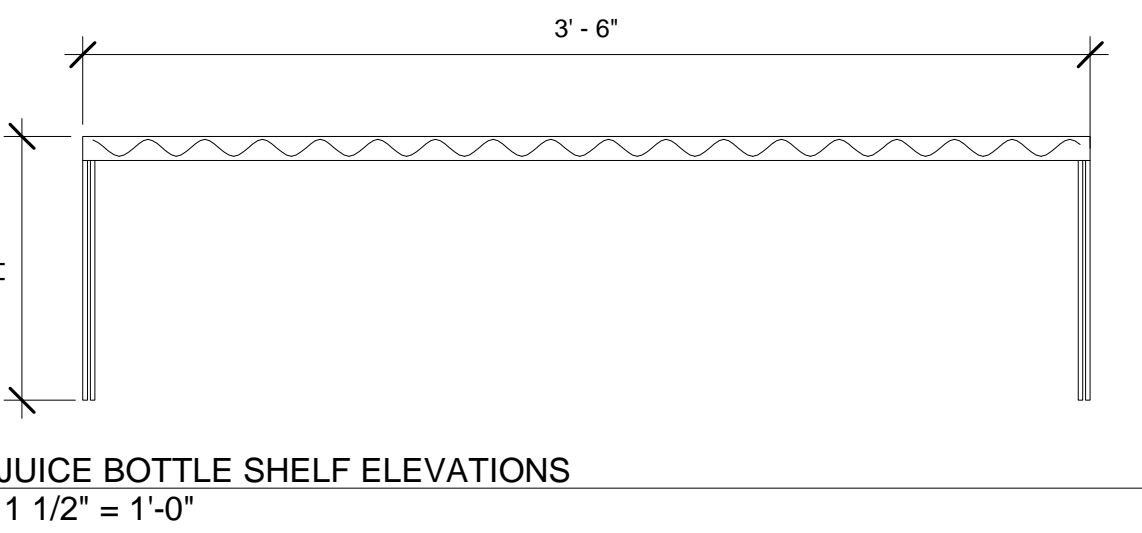
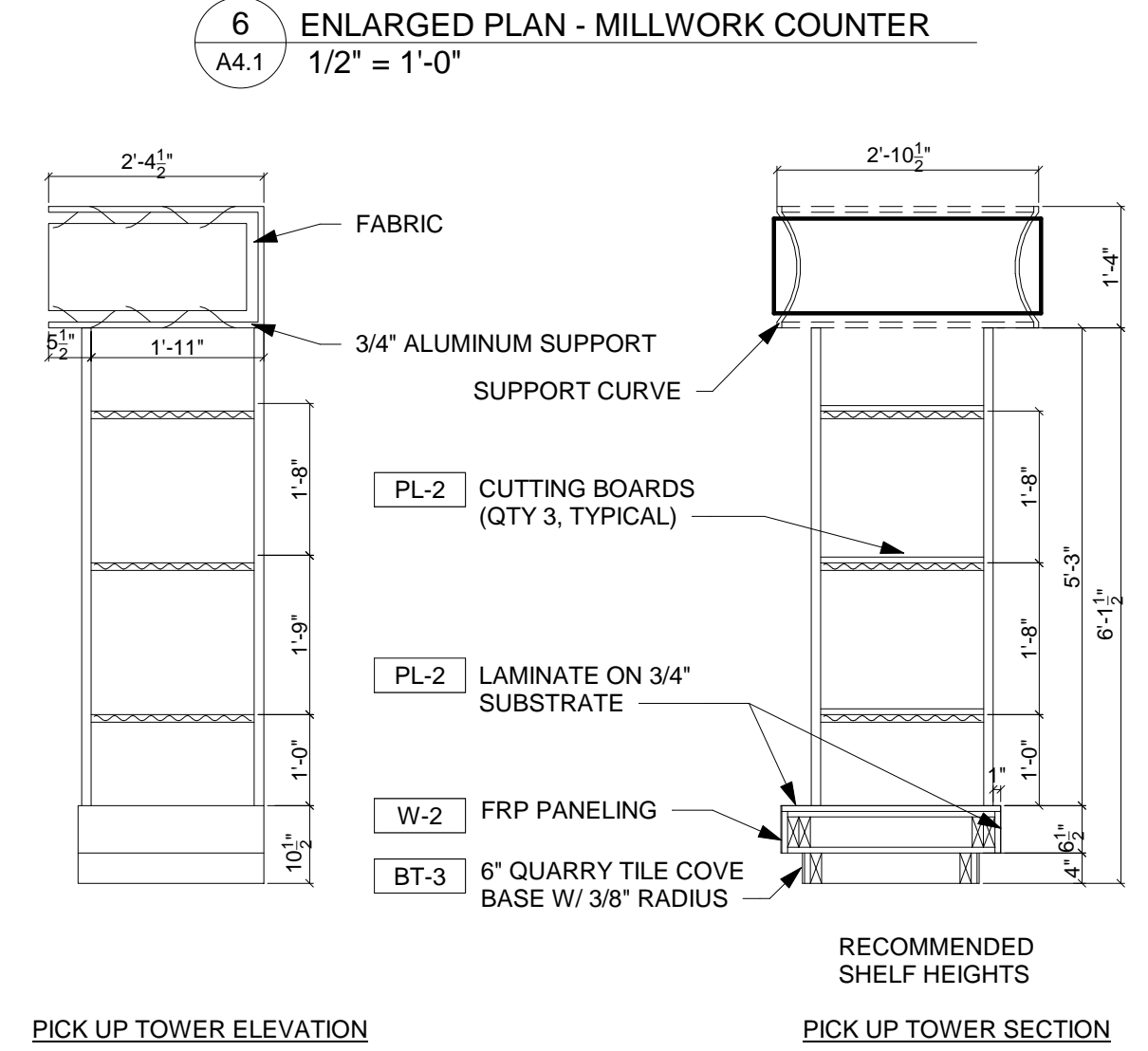
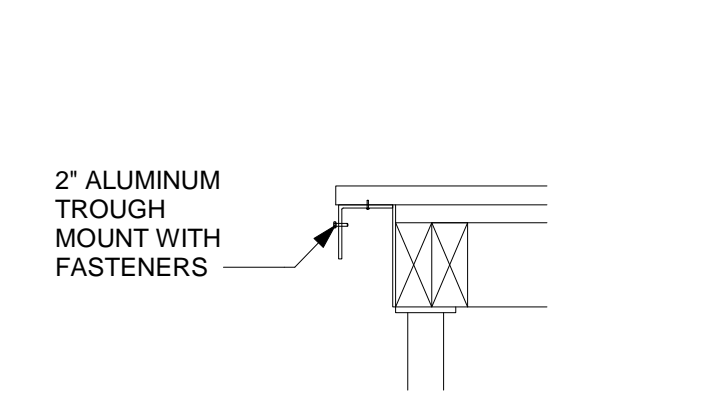
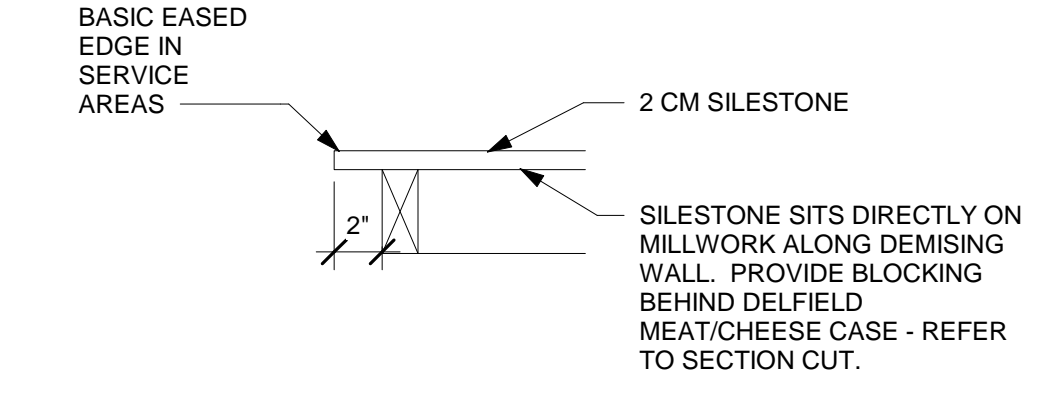
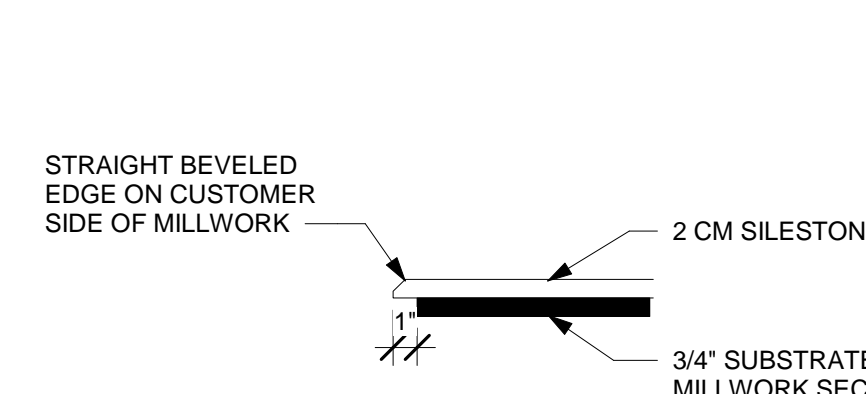
MILLWORK DETAILS

A4.1



NOTE:  
CLEAR SPACE IN FRONT OF THIS STATION SHALL BE 3'-0 FOR ACCESSIBILITY

4 SECTION @ BEVERAGE COUNTER MILLWORK  
1" = 1'-0"



MILLWORK NOTE:  
IF COUNTER DIMENSIONS DIFFER FROM THE ABOVE DRAWINGS, REACH OUT TO CORPORATE TO CONFIRM CUT OUT LOCATIONS

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LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

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FIRESTOP DETAILS

A4.2

Classified by Underwriters Laboratories, Inc. to ASTM/UL1479 (ASTM E814)

**System No. W-L-2059**  
F Ratings - 1 and 2 Hr (See Items 2 and 3)  
T Ratings - 3/4, 1, 1-1/2 and 2 Hr (See Items 2 and 3)  
L Rating At Ambient - 1 CFM/sq ft  
L Rating At 400 F - Less Than 1 CFM/sq ft

**Section A-A**

3. **Firestop System** - The firestop system shall consist of the following:

A. **Fill, Void or Cavity Material\* - Sealant** - Fill material forced into annular space to max extent possible. Caulk shall be installed flush with both surfaces of wall assembly.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal 100, 101, 102, 105, 120 or 129 Sealant, SpecSeal LCI Sealant, Pencil 300 Sealant or SpecSeal Series SIL300 Sealant

B. **Fill, Void or Cavity Material - Wrap Strip** - Nom 1/8 or 3/16 in. (3.2 or 4.8 mm) thick intumescent material faced on both sides with a plastic film, supplied in 2 in. (51 mm) wide strips or nom 1/4 in. (6 mm) thick intumescent material faced on both sides with a plastic film, supplied in 1-1/2 in. (38 mm) wide strips. The layers of wrap strips are individually wrapped around the through-penetrant with ends butted and held in place with masking tape. Butted ends in successive layers shall be aligned.

Fire Rating of Wall Hr	Max Diam of Through Penetrant in. (mm)	No. of Wrap Strip Layers	F Rating Hr	T Rating Hr
1	1-1/2 (38)	1	1	1
2	1-1/2 (38)	1	2	1-1/2
1	2 (51)	1	1	1
2	2 (51)	1	2	1-1/2
1	3 (76)	2	1	1
2	3 (76)	2	2	2
1	4 (102)	3	1	1
2	4 (102)	3	2	2

Except as noted in Item 2, the F and T Rating of the firestop system is dependent upon the fire rating of wall, diam of through penetrant and the number of wrap strips as tabulated below.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal BLU Wrap Strip, SpecSeal BLU2 Wrap Strip or SpecSeal RED Wrap Strip

C. **Steel Collar** - Collar fabricated from coils of precut 0.016 in. (0.4 mm) thick (30 MSG) galv sheet steel available from wrap strip manufacturer. Collar shall be min 1-1/2 in. (38 mm) deep with 1 in. (25 mm) wide by 2 in. (51 mm) long anchor tabs for securement to the concrete floor or wall. Retainer tabs, 3/4 in. (19 mm) wide tapering down to 1/4 in. (6 mm) wide and located opposite the anchor tabs, are folded 90 degree toward pipe surface to maintain the annular space around the pipe and to retain the wrap strips. Steel collar wrapped around wrap strips and pipe with a 1 in. (25 mm) wide overlap along its perimeter joint and secured together by means of a min 1/2 in. (13 mm) wide by 0.028 in. (0.7 mm) thick stainless steel hose clamp installed at mid-depth of the steel collar. As an alternate to the steel hose clamp, the steel collar may be secured together by means of three No. 8 by 1/4 in. (6 mm) long steel sheet metal screws when more than one layer of wrap strip is used.

Wrap strip/collar assembly is slid along the through-penetrant until abuts the surface of the wall. Collar secured to wall by 1/8 in. (3.2 mm) diam by 1-3/4 in. (44 mm) long steel molly bolts in conjunction with 1-1/4 in. (32 mm) diam steel fender washers. The number of molly bolts used is dependent upon the nom diam of the through penetrant. Two molly bolts, symmetrically located, are required for nom 1-1/2 in. (38 mm) and 2 in. (51 mm) diam through penetrants. Three molly bolts, symmetrically located, are required for nom 2-1/2 in. (64 mm) and 3 in. (76 mm) diam through penetrants. Four molly bolts, symmetrically located, are required for nom 3-1/2 in. (89 mm) and 4 in. (102 mm) diam through penetrants. Steel collars are installed on each side of wall.

D. **Firestop Device\*** - (Optional, Not Shown) - As an alternate to Item 3B and 3C, galv steel collar lined with an intumescent material sized to fit the specific diam of the through-penetrant. Device shall be installed around through-penetrant in accordance with accompanying installation instructions. Device incorporates anchor tabs for securement to each surface of wall assembly by means of 1/8 in. (3 mm) diam by 1-3/4 in. (45 mm) long steel molly bolts in conjunction with 1/4 in. (6 mm) diam by 1-1/2 in. (38 mm) diam steel fender washers.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal Firestop Collar, SpecSeal LCC Collar or SpecSeal SSC Collar. When SpecSeal LCC Collar or SpecSeal SSC Collar are used, the max annular space shall be 1/8 in. (3 mm) for max 2-1/2 in. (64 mm) diam pipe and shall be max 1/4 in. (6 mm) for pipe larger than 2-1/2 in. (64 mm) diam.

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

**Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876**  
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Classified by Underwriters Laboratories, Inc. to ASTM/UL1479 (ASTM E814)

**System No. W-L-1029**  
(Formerly System No. 467)  
F Ratings - 1 and 2 Hr (See Item 1B)  
T Rating - 0 Hr  
L Rating At Ambient - Less Than 1 CFM/sq ft  
L Rating At 400 F - Less Than 1 CFM/sq ft

**Section A-A**

1. **Wall Assembly** - The 1 or 2 h fire rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 and V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. **Gypsum Board\*** - 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 6 in.

The hourly F rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Through Penetrants** - One metallic pipe, conduit or tubing to be centered within the firestop system. A nom annular space of 3/4 in. is required within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** - Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.

B. **Conduit** - Nom 4 in. diam (or smaller) steel electrical metallic tubing or steel conduit.

C. **Copper Tubing** - Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.

D. **Copper Pipe** - Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe.

3. **Firestop System** - The firestop system shall consist of the following:

A. **Packing Material** - Min 1 in. thickness of min 3.5 pcf fiberglass insulation shall be wrapped around the through-penetrant and secured together by means of No. 24 AWG steel tie wire. Packing material shall be centered at mid-depth of opening and recessed from both surfaces of wall assembly required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material\* - Caulk or Putty** - In 2 hr fire rated assemblies min 3/4 in. thickness fill material applied within the annulus, flush both surfaces of wall. Additional fill material to be installed such that a min 1/4 in. crown is formed around the penetrating item. In 1 h fire-rated assemblies, min 5/8 in. thickness of fill material applied within annulus on both surfaces of wall. Additional fill material to be installed such that a min 3/8 in. crown is formed around the penetrating item and lapping 1 in. beyond the periphery of the opening.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant or SpecSeal Putty

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Classified by Underwriters Laboratories, Inc. to ASTM/UL1479 (ASTM E814)

**System No. W-L-2059**  
F Ratings - 1 and 2 Hr (See Items 2 and 3)  
T Ratings - 3/4, 1, 1-1/2 and 2 Hr (See Items 2 and 3)  
L Rating At Ambient - 1 CFM/sq ft  
L Rating At 400 F - Less Than 1 CFM/sq ft

**Section A-A**

1. **Wall Assembly** - The 1 or 2 h fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400 and V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC.

B. **Gypsum Board\*** - 5/8 in. (16 mm) thick, 4 ft (1219 mm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 5 in. (127 mm).

2. **Through-Penetrants** - One nonmetallic pipe or conduit to be centered within the firestop system. The annular space shall be max 1/4 in. (6 mm). Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes or conduits may be used:

A. **Polyvinyl Chloride (PVC) Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 or 80 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. **When Schedule 80 PVC pipe is used, the F and T Ratings are 1 hr. When Scheduled 80 PVC pipe is used in closed (process or supply) piping systems, the F and T Ratings are equal to the assembly rating of the wall in which it is installed.**

B. **Rigid Nonmetallic Conduit\*** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 or 80 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA No. 70). **When Schedule 80 PVC conduit is used, the F and T Ratings are 1 hr.**

C. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** - Nom 4 in. (102 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.

D. **Acrylonitrile Butadiene Styrene (ABS) Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 solid or foamed core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

E. **Fire Retardant Polypropylene (FRPP) Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

F. **Polyvinylidene Fluoride (PVDF) Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 PVDF pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

G. **Fiberglass Reinforced Pipe (FRP) Pipe** - Nom 4 in. (102 mm) diam (or smaller) glass fiber reinforced thermosetting resin pipe for use in closed (process or control) or vented (drain, waste or vent) piping systems. When FRP pipe is used, T Rating is 3/4 hr.

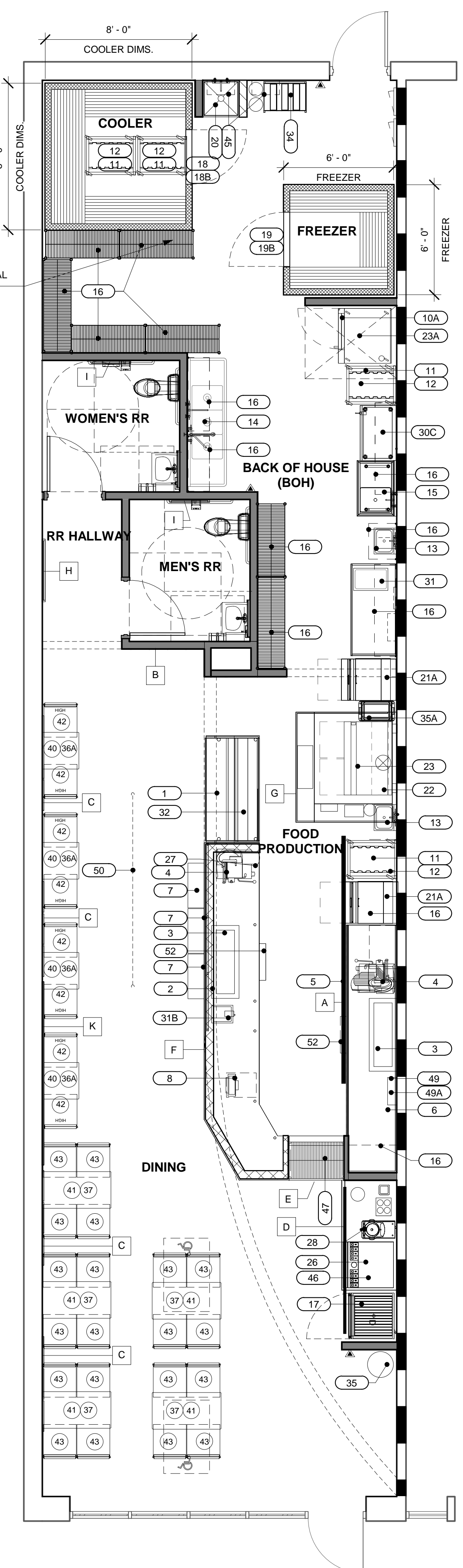
H. **High Density Polyethylene (HDPE) Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 40 HDPE pipe for use in closed (process or supply) piping systems.

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1 & 2 HOUR FIRESTOP FOR METALLIC PIPE THRU RATED ASSEMBLY

1 & 2 HOUR FIRESTOP NON-METALLIC PIPE THRU RATED ASSEMBLY

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1 EQUIPMENT PLAN  
1/4" = 1'-0"

EQUIPMENT SCHEDULE

KEY	QTY.	ITEM NAME	MANUFACTURER	MODEL NUMBER	SUPPLIER	POWER REQUIRED	PLUMBING REQUIRED	MISC. NOTES
1	1	6' MEATCASE	HOWARD MCCRAY	SC-CDS34N-6-JM	ECO	8.7AMP 115V/60/1		NSF-7 CONNECTION TO BE HARDWIRED BELOW FRONT COUNTER. GC/MILLWORK TO PROVIDE PVC CHASE IN KNEE WALL FOR CONNECTION. PROVIDE CABLE RACEWAY CORD HIDER FOR EXPOSED CORD.
1A	0	4' MEATCASE	HOWARD MCCRAY	SC-CDS34N-4-JM	ECO	6AMP 115V/60/1		NSF-7 CONNECTION TO BE HARDWIRED BELOW FRONT COUNTER. GC/MILLWORK TO PROVIDE PVC CHASE IN KNEE WALL FOR CONNECTION. PROVIDE CABLE RACEWAY CORD HIDER FOR EXPOSED CORD.
2	1	SNEEZEGUARD	C.R. LAURENCE		GC			MERCER GLASS COMPANY: TODD MITCHUM 252-752-5101
3	2	4' DROP IN COLD UNIT	DELFIELD	N8148-EFN	ECO	7.5 AMP 115V/115V/60V		NO DRAIN REQUIRED. OUTLET INSTALLED AT 18" AFF
3A	0	2' DROP IN COLD UNIT	DELFIELD	N8118-EF	ECO	7.5 AMP 115V/115V/60V		NO DRAIN REQUIRED. OUTLET INSTALLED AT 18" AFF
4	2	SLICER	BIZERBA	GSP-H33 W/LIFT	ECO	120V/60/1		OUTLET INSTALLED AT 24" AFF AT MILLWORK
5	1	MENU BOARD	JMFS	JMFS	GRAPHICS CO.			ORDERED WITH GRAPHICS PACKAGE
6	1	TELEPHONE	VARIES	VARIES	FRANCHISEE			2 LINE PHONE. OUTLET INSTALLED AT 42" AFF
7	3	CHIP DISPLAY UNIT	PEPSI		PEPSI			
8	1	CASH REGISTER	INFOSOFT	UP700	FRANCHISEE			REG. W/ COMM. MODEM, CASH DRAWER, RECEIPT & JOURNAL (2 SETS KEYS). OUTLET INSTALLED AT 18" AFF
10A	1	BREAD OVEN	MOFFAT	E35D6-26	ECO	OVEN: 208V/60/1 54A OR 208V/60/3 31A. ALT: 240V/60/1 52A OR 240V/60/3 30A. PROOFER: 120V/60/1 15.6A	1/4" SUPPLY LINE	TWO OUTLETS REQUIRED. PROOFER NEMA PLUG-IN OUTLET REQUIRED AT 18" AFF. OVEN HARDWIRED CONNECTION REQUIRED AT 78" AFF. HEAT SHIELD AND WATER FILTER REQUIRED FOR USE. PROOFER MODEL #P85M12
11	54	BREAD PANS	WINCO	ALXP1826	SMALLWARES CO.			18 GAUGE SHEET PANS
12	4	BREAD RACK	CAMBRO	UPR1826FHP	SMALLWARES CO.			W/ (2) CURTAIN COVERS, WINDOW DISPLAY, ZIPPER
13	2	HAND SINK - WALL HUNG	KROWNE	WM260-JM	ECO			WALL MOUNT HAND SINK W/ TWO 9 3/4" SIDE SPLASHES AND FAUCET
13A	0	HAND SINK - DROP IN	NBR	DI-1-101410LR	ECO			DECK MOUNT HAND SINK WITH ONE 6" END SPLASH. VERIFY QUANTITY
14	1	3 COMPARTMENT SINK	FIVE KIDS GROUP	FC-3JM-DB	ECO			IF TALLER THAN 9", END SPLASHES ARE REQUIRED
14A	0	3 COMPARTMENT SINK	FIVE KIDS GROUP	FC-3JM24-DB	ECO			94" MODEL. IF TALLER THAN 9", END SPLASHES ARE REQUIRED
15	1	PREP SINK	FIVE KIDS GROUP	FC-1JM-DL	ECO			ONE COMPARTMENT SINK WITH DRAINBOARD ON EITHER THE LEFT OR RIGHT SIDE
15A	0	PREP SINK	FIVE KIDS GROUP	FC-1JM18-DL	ECO			ONE COMPARTMENT SINK WITH DRAINBOARD ON EITHER THE LEFT OR RIGHT SIDE
16	VARIES	WIRE SHELVING	METRO		ECO			2 TIER WALL SHELVES OVER SINKS & S/S TABLES, 4 TIER COOLER/FREEZER SHELVING & DRY STORAGE. WOOD BLOCKING IS REQUIRED FOR INSTALLATION OF ALL WALL MOUNTED SHELVING.
17	1	1 DOOR PEPSI COOLER	PEPSI	1160	PEPSI			OUTLET INSTALLED AT 18" AFF
17A	0	2 DOOR PEPSI COOLER	PEPSI	1250	PEPSI			OUTLET INSTALLED AT 18" AFF
18	1	WALK IN COOLER	AMERI KOOLER	VERIFY WITH ECO	ECO	115V FOR LIGHTS AND DOOR HEATER, 15 AMP BREAKER		FLOORLESS. FIELD COORDINATE POWER REQUIREMENT
18B	1	TRADITIONAL REMOTE	AMERI KOOLER	REMOVED. VERIFY WITH ECO	ECO	CONDENSING UNIT: 208-230/60/1, RLA (VERIFY WITH ECO), MCA 15, 15A MAX FUSE. EVAPORATOR: 115/60/1, 15A MAX FUSE		REMOVED SYSTEM. WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED
19	1	STEP IN FREEZER	AMERI KOOLER	VERIFY WITH ECO	ECO	115V FOR LIGHTS AND DOOR HEATER, 15 AMP BREAKER		WITH 4" STEP-UP FLOOR PANEL. FIELD COORDINATE POWER REQUIREMENT
19B	1	TRADITIONAL REMOTE	AMERI KOOLER	REMOVED. VERIFY WITH ECO	ECO	CONDENSING UNIT: 208-230/60/1, RLA (VERIFY WITH ECO), MCA 20, 15A MAX FUSE. EVAPORATOR: 208-230/60/1, 15A MAX FUSE		REMOVED SYSTEM. WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED
20	1	MOP SINK		2X2	GC			MOP HANGER AND WALL GUARD
21	0	SANDWICH UNIT	DELFIELD	D4427-8-JM2	ECO	115V/60/1		W/CASTERS AND COVER ENHANCEMENT. OUTLET INSTALLED AT 18" AFF
21A	2	MEGATOP SANDWICH UNIT	ENTREE	JM-ST27E-2DX	ECO	115V/60/1		W/CASTERS AND COVER ENHANCEMENT. OUTLET INSTALLED AT 18" AFF
22	1	GRILLE	IMPERIAL	IR-G48T-XB-JMII	ECO		PROPANE OR NATURAL GAS	OPTION: CASTER, FLEX GAS HOSE, QUICK CONNECT & RESTRAINING DEVICE. BE SURE TO INCLUDE PERFORMANCE CHECK
23	1	EXHAUST HOOD SYSTEM & FIRE SYSTEM	CAPTIVE AIRE	ANSUL	ECO	(4) 115V	FIRE SYSTEM ANSUL	SHOP DRAWINGS ARE REQUIRED. CONTACT: REG32NA@CAPTIVEAIRE.COM OR 301-825-5476
23A	1	CONDENSATE HOOD	CAPTIVE AIRE	6024V/HB-ND	ECO	(1) 115V		SHOP DRAWINGS ARE REQUIRED. CONTACT: REG32NA@CAPTIVEAIRE.COM OR 301-825-5476
24	0	T.V.'S W/ MOUNTING BRACKETS	VARIES	42" MONITOR	FRANCHISEE/ GC	110 VOLT		OUTLET AT 102" AFF. WALL BRACKETS REQUIRED.
25	VERIFY	PORTABLE FIRE EXTINGUISHERS			GC			WALL MOUNTED
26	1	DRINK DISPENSER & ADAPTER KIT	PEPSI	DISPENSER: IDC215, ADAPTOR: 80002957	PEPSI	15 AMP 115V/60/1	1/2" SUPPLY, CONDENSATION DRAIN	COORDINATE W/ PEPSI. OUTLET INSTALLED AT 42" AFF
27	1	FLOOR SAFE	VARIES	VARIES	FRANCHISEE			
28	1	ICED TEA BREWER/DISPENSER	BUNN	TB3Q	LUZIANNE	120V, 14.4 AMP		1-800-627-2094. OUTLET INSTALLED AT 42" AFF
29								
30	0	S.S. TABLE 24"X24"	FIVE KIDS GROUP	WTS-2424-4BS-316	ECO			VERIFY SIZE
30A	0	BACK LINE PREP TABLE	ADVANCE TABCO	TKMS-368	ECO			VERIFY SIZE
30B	0	S.S. TABLE 30"X30"	FIVE KIDS GROUP	WTS-24-4BS-316	ECO			VERIFY SIZE
30C	1	S.S. TABLE 24"X36"	FIVE KIDS GROUP	WTS-2436-4BS-316	ECO			VERIFY SIZE
31	1	COUNTER TOP FOOD WARMER	VOLLRATH	71001 MODEL 1001	SMALLWARES CO.	120V, 5.8 AMP		OUTLET INSTALLED AT 54" AFF
31B	1	RECESSED BACON WARMER	MARSHALL	CZ3N-1	FIVE KIDS GROUP, INC.	120V, 6.9 AMP		NO DRAIN. 14/3 CORD WITH NEMA 5-15 PLUG. OUTLET INSTALLED AT 18" AFF
32	1	COUNTER SCALE	CAS	ED-30	ECO	AC ADAPTER DC 12V/1A OR 12V/800mA, INTERNAL RECHARGEABLE SEALED ACID BATTERY - 6V DC		SITS ON TOP OF AND POWERS INTO THE MEAT CASE
33	0	UNDER COUNTER DRAWER REF.	HOSHIZAKI	JM-UR27A-D2	ECO			OUTLET INSTALLED AT 18" AFF. ORDERED WITH LOW PROFILE CASTERS
33A	0	UNDER COUNTER REF.	HOSHIZAKI	HR24B	ECO	1.15 AMP 115V/60/1, 5-15P		NEMA 5-15P OUTLET INSTALLED AT 18" AFF
34	1	BAG IN BOX SYSTEM	PEPSI	PEPSI	PEPSI	110 / 120V - 20 AMP DUAL OUTLET	1/2" SUPPLY	WATER CONNECTION IS NEEDED FOR THE FILTRATION SYSTEM. OUTLET CAN BE INSTALLED AT 80" AFF.
35	1	REFUSE CONTAINER	ULINE	470-65L	SMALLWARES CO.			STAINLESS STEEL FINISH
35A	1	SLIM JIM REFUSE CONTAINER	RUBBERMAID	11"X20"	FIVE KIDS GROUP, INC.			
36	VARIES	TABLE TOPS	FIVE KIDS GROUP, INC.	24"X20"	FIVE KIDS GROUP, INC.			ADA COMPLIANT TABLETOP
36A	VARIES	TABLE TOPS	FIVE KIDS GROUP, INC.	24"X24"	FIVE KIDS GROUP, INC.			SEE FURNITURE DETAIL. BUILD ON SITE. GC TO SOURCE COUNTERTOP THROUGH FIVE KIDS GROUP.
37	VARIES	TABLE TOPS	FIVE KIDS GROUP, INC.	24"X45"	FIVE KIDS GROUP, INC.			BUILD TABLE ON SITE. SURFBOARD, MOUNTING ROPE, AND 3 PENDANT FIXTURES ARE SUPPLIED THROUGH CURTIS 1000. REFER TO DETAILS IN PLANS
38	VARIES	BAR COUNTER	GC		GC			2 TABLE BASES TO BE ORDERED FOR ADA TABLES 42 VARIES
39	VARIES	COMMUNITY TABLE	FIVE KIDS GROUP, INC.	30"X109"	FIVE KIDS GROUP, INC.			
40	VARIES	TABLE BASES - HIGH	FIVE KIDS GROUP, INC.	BLACK CRINKLE	FIVE KIDS GROUP, INC.			
41	VARIES	TABLE BASES - LOW	FIVE KIDS GROUP, INC.	BLACK CRINKLE	FIVE KIDS GROUP, INC.			
42	VARIES	CHAIR - HIGH	FIVE KIDS GROUP, INC.		FIVE KIDS GROUP, INC.			
43	VARIES	CHAIR - LOW	FIVE KIDS GROUP, INC.		FIVE KIDS GROUP, INC.			
44	VARIES	BANQUETTE SEATING	GC		GC			SEE FURNITURE DETAIL. BUILD ON SITE
45	2	WATER HEATER			GC			
46	1	ICE MAKER	HOSHIZAKI	KM-520MAJ	ECO	115V/60 20 AMP BREAKER	PROVIDE DRAIN	OUTLET INSTALLED AT 42" AFF
47	1	PICK UP TOWER	ATS		ECO			CUSTOM METRO SHELVING 63"H, 24"D, 24"L
48								
49	1	JUICE SHELVING	METRO		FIVE KIDS GROUP, INC.			METRO SHELVING 7"H, 12"D, 42"L
49A	1	JUICE CRATES	FIVE KIDS GROUP, INC.	JMFS	FIVE KIDS GROUP, INC.			
50	VARIES	STANCHIONS	VISIONTRON	VS301 (BLACK)	FIVE KIDS GROUP, INC.			WWW.CROWDCONTROLWAREHOUSE.COM. SINGLE LINE 7'-5"
51	6 (VIF)	CEILING MOUNTED SPEAKERS			SOURCE 1 DISTRIBUTORS			770-977-5774 / 4 UNITS INSTALLED IN DINING ROOM & 1 UNIT IN EACH RESTROOM
52	2	TROUGH	FIVE KIDS GROUP, INC.	ZE				24" LONG X 4" WIDE TROUGH WITH SIDE SQUEEZE ATTACHMENT
53	0	BABY CHANGING TABLE			SMALLWARE CO.			TO BE INSTALLED IN WOMENS RESTROOM
54	0	LOCKER	QUALSERV	DD006402	ECO			TYPICALLY ORDERED WHEN REQ'D BY HD
55	0	AIR CURTAIN	BERNER	CHC10-1036AA	ECO	(1) 120V		OUTLET CAN BE INSTALLED AT 80" AFF.

JERSEY MIKE'S GRAPHIC SCHEDULE

KEY	QTY.	ITEM NAME	DESCRIPTION	MISC NOTES
A	1	MENU BOARD	CEILING MOUNT	
B	1	JUICE WALL DECAL	4'-6"W X 29.75"H	INSTALL TOP OF DECAL @ 7'-0" AFF
C	4	BEACH CHAIRS (3 PER SETUP)		INSTALL WITH TOP @ 8'-1" AFF
D	1	"REFRESH" BANNER	4', 5', 6' 7' OR 8'	SIZE TO BE PROVIDED BY G.C.
E	1	"PICK UP HERE" BANNER	1' - 6"H	
F	1	SOFFIT DECAL	FIELD VERIFY EXACT DIMENSIONS	PREFERRED LOCATION AT START OF CURVE
G	1	"GRILLED FRESH" GRAPHIC	1'-2"H X 2'-4"W	CENTERED VERT. & HORIZ. ON HOOD
H	1	VESTIBULE/HALLWAY ART	15"H X 41"W	INSTALL TOP OF FRAME @ 6'-9" AFF
I	2	RESTROOM ART	30"H X 24"W	CENTER PHOTOS FROM TOP OF TILE TO CEILING
J	0	SURFBOARD		
K	1	WALL MURAL	10'W X 6'H - V.I.F. EXACT SIZE	

\*\*G.C. TO VERIFY RESPONSIBILITY OF EQUIPMENT INSTALLATION\*\*

CAPTIVE AIRE EQUIPMENT:

- MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION OF ALL CAPTIVE AIRE EQUIPMENT.
- MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE GREASE AND SUPPLY DUCTWORK.
- THE FOOD SERVICE DEALER SUPPLIES THE HOODS, FIRE SYSTEM, FANS, CURBS, AND ELECTRICAL PACKAGE TO BE INSTALLED BY THE MECHANICAL CONTRACTOR.

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JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON - #8  
NC HWY 210  
LILLINGTON, NC 27546

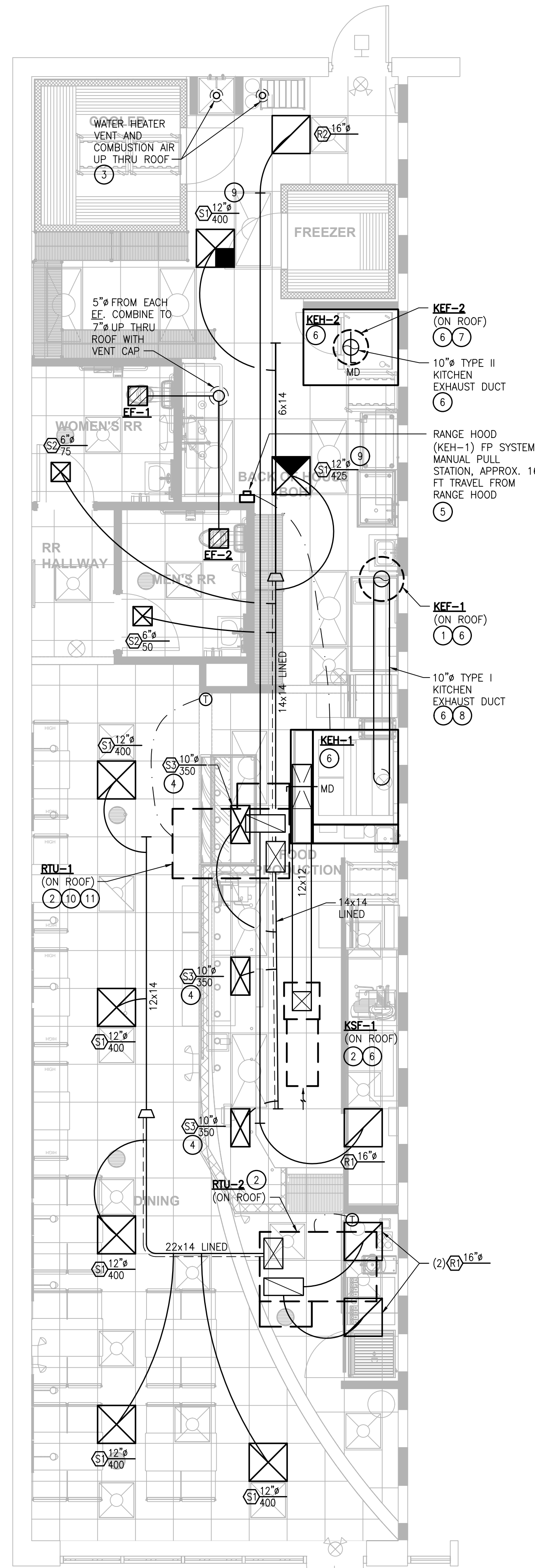


REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
DRAWN BY: KRR  
CHECKED BY: IFT  
ISSUE DATE: 06/17/2024

EQUIP. PLAN & SCHEDULES





**1 HVAC FLOOR PLAN**  
H1.1 SCALE: 1/4"=1'-0"

**PACKAGED ROOFTOP AIR CONDITIONING UNITS**

MARK	NOM TONS	SEER/SEER2 (EER/IEER)	# STAGES	SUPPLY FAN		OA CFM	GAS HEAT		ELEC		WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
				CFM	ESP (W.G.)		MBH	EFF	V/PH	DISC BY		MANUFACTURER	MODEL	
RTU-1,2	5	14.0/13.4	1	2,000	0.8	330	110	80	208/3	E.C.	800	CARRIER	48FCEA06	(1)(2)(3)(4)

- UL AND CGA LISTED NAT GAS HEATING FURNACE AND DX COOLING UNIT; HEAVY GAUGE STEEL CABINET, BAKED ENAMEL FINISH; SEAMLESS TOP; REMOVABLE ACCESS PANELS; FWD CURVED, EVAPORATOR FAN W/ADJ BELT DRIVE; ALUMINUM STEEL HEAT EXCHANGER W/INDUCED DRAFT BLOWER AND SPARK PILOT IGNITION; ALUMINUM FIN/COPPER TUBE EVAPORATOR COIL WITH FREEZESTAT; FILTER RACK WITH 1" PLEATED MEDIA MERV-8 FILTERS; SCROLL COMPRESSOR WITH VIBRATION ISOLATION MOUNTING; THERMOSTATIC EXPANSION VALVE; ALUMINUM FIN/COPPER TUBE CONDENSER COIL W/HAIL GUARD; DIRECT DRIVE PROPELLER TYPE CONDENSER FAN; EXTERNAL SERVICE VALVES; REFRIGERANT FILTER DRYER; CRANKCASE HEATER; COMPRESSOR START ASSIST; SHORT CYCLE, THERMAL AND HI/LO PRESSURE COMPRESSOR OVERLOAD PROTECTION; CONTROL VOLTAGE TRANSFORMER; LOW AMBIENT KIT FOR COOLING OPERATION DOWN TO 0°F; SINGLE POINT ELECTRICAL CONNECTION; R-410A.
- 7-DAY PROGRAMMABLE, AUTOMATIC CHANGEVER COMBINATION THERMOSTAT, 5°F DEADBAND, SETBACK CONTROL WITH 4 OCCUPIED/UNOCCUPIED EVENTS PER DAY (75°F COOL/70°F HEAT OCCUPIED, 85°F COOL/55°F HEAT UNOCCUPIED), SYSTEM AUTO/COOL/OFF CONTROL, AND 2-HOUR PROGRAM OVERRIDE. OPTIMUM START CONTROL; 24 HR BATTERY BACK-UP; DEHUMIDIFICATION CYCLE CONTROL.
- 100% OA ECONOMIZER WITH CLASS I SEALS, ENTHALPY CONTROL, HIGH LIMIT SHUT-OFF, FAULT DETECTION AND DIAGNOSTICS, AND BAROMETRIC RELIEF.
- MANUFACTURER'S ROOF CURB.

**DIFFUSERS, REGISTERS, AND GRILLES**

MARK	TYPE	MOUNTING	NECK DAMPER	MAX NC	MAX ΔP	SIZE		MAT'L	FINISH	BASIS		REMARKS
						NECK	FRAME			MFRG	MODEL	
S1	4-WAY LOUVERED DIFFUSER	LAY-IN	N	30	0.1"	PER PLANS	24x24	ALUMINUM	(3)	TITUS	TMS-AA	
S2	4-WAY LOUVERED DIFFUSER	SURFACE	Y	30	0.1"	PER PLANS	12x12	ALUMINUM	(3)	TITUS	TDC-AA	
S3	DBL-DEFLECTION REGISTER	LAY-IN	Y	30	0.1"	PER PLANS	22x10	23.5x11.5	ALUMINUM	(3)	TITUS	272FS (1)(2)
R1	LOUVERED GRILLE	LAY-IN	N	30	0.05"	PER PLANS	24x24, UNO	ALUMINUM	(3)	TITUS	3F (2)	
R2	FILTER LOUVERED GRILLE	LAY-IN	N	30	0.05"	PER PLANS	20x20	24x24	ALUMINUM	(3)	TITUS	3FF (4)

- INSTALL IN LAY-IN CEILING.
- PROVIDE 12" H PLENUM WITH ROUND NECK FOR FLEX DUCT CONNECTION.
- AIR DEVICE COLOR SHALL MATCH COLOR OF CEILING SYSTEM IN WHICH INSTALLED. CONTRACTOR SHALL COORDINATE.
- LOUVERED GRILLE WITH REMOVABLE FACE/CORE, WITH FOUR QUARTER-TURN FASTENERS AND NO HINGE.

**FANS**

MARK	TYPE	SERVICE	CFM	ESP (W.G.)	MOTOR	ELEC (60 HZ)		MAX SONES	BASIS OF DESIGN		REMARKS
						V/PH	DISC BY		MANUFACTURER	MODEL	
EF-1	CEILING-MTD	RESTROOM	75	0.25	6.1 W	120/1	MC	0.6	GREENHECK	SP-80-VG (1)	
EF-2	CEILING-MTD	RESTROOM	50	0.25	6.1 W	120/1	MC	0.6	GREENHECK	SP-80-VG (1)	

- DIRECT DRIVE, GALVANIZED STEEL FORWARD CURVED FAN, ECM MOTOR; LOW SOUND CONSTRUCTION; HEAVY GAUGE CABINET INTERNALLY LINED WITH 1/2" ACOUSTICAL LINER; CEILING GRILLE; BACKDRAFT DAMPER; ELECTRICAL DISCONNECT. VARIABLE SPEED CONTROLLER; INTERLOCK WITH LIGHTS

**OUTDOOR AIR REQUIREMENTS (2018 NC MECH CODE)**

SPACE TYPE	AREA (Az)	PEOPLE-RELATED OA			AREA-RELATED OA		MIN BREATHING ZONE OA, Vb (Pz x Rp) + (Az x Ra)
		# OCC (Pz)	CFM/OCC (Rp)	CFM (Pz x Rp)	CFM/SF (Ra)	CFM (Az x Ra)	
DINING	612	28	7.5	210	0.18	110	320
SERVICE COUNTER AND PREP AREA	752	5	7.5	38	0.18	135	173
RESTROOMS AND CORRIDOR	149	-	-	-	0.06	9	9
SUB-TOTAL (Vb)							502
ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)							0.8
MINIMUM ZONE OUTDOOR AIR REQUIRED (Voz/Ez)							628
ACTUAL OUTDOOR AIR PROVIDED							660

**CONTRACTOR FIELD VERIFICATION**

THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REFLECT EXACT FIELD CONDITIONS OR CONSTRAINTS. WHILE REASONABLE EFFORTS HAVE BEEN MADE TO VERIFY THE EXISTING CONDITIONS, THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE EXISTING CONDITIONS SHOWN ON THESE PLANS.

THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING THE EXACT LOCATION, MANUFACTURER, MODEL NUMBER, SERIAL NUMBER, AND UTILITY REQUIREMENTS FOR ALL HVAC EQUIPMENT SERVING THIS SPACE. ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR RESOLUTION PRIOR TO BID. ALL COSTS TO MODIFY THE INSTALLATION TO ACCOMMODATE FIELD CONDITIONS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.

**AIR BALANCE**

	OA CFM	EXH CFM
RTU-1,2	660	-
KEH-1	750	1,000
KEH-2	-	400
TOTAL	+1,410	-1,400

FINAL TEST AND BALANCE SHALL PROVIDE FOR SLIGHT OVERALL POSITIVE PRESSURE. RESTROOM EXHAUST FANS ARE CONSIDERED INCIDENTAL (INTERLOCKED WITH LIGHTS) AND ARE IGNORED.

**GENERAL NOTES:**

- PROVIDE MINIMUM 10'-0" HORIZONTAL SEPARATION BETWEEN OA INTAKES AND TERMINATIONS OF ALL CONTAMINANT SOURCES (EXHAUST SYSTEMS, PLUMBING VENTS, OR GAS VENTS) WHERE POSSIBLE. CLEARANCE MAY BE REDUCED TO 5'-0" PROVIDED THE OA INTAKE IS NOT LESS THAN 3'-0" BELOW THE CONTAMINANT SOURCE IN ACCORDANCE WITH IMC. FIELD VERIFY LOCATIONS OF EXISTING OA AND EXH/VENT TERMINATIONS, INCLUDING THOSE OF ADJACENT TENANTS, AND ADJUST JERSEY MIKE'S SUBS' INSTALLATION AS REQUIRED TO COMPLY.
- THERMOSTATS IN KITCHEN AREAS SHALL BE MOUNTED MINIMUM 6" ABOVE BACKSPASH ELEVATION. THERMOSTATS IN DINING ROOM (NOT ADJUSTABLE BY THE PUBLIC) SHALL BE MOUNTED 84" AFF OR AS DIRECTED BY THE OWNER. COORDINATE LOCATION AND MOUNTING HEIGHT OF ALL OTHER THERMOSTATS WITH OWNER.
- PROVIDE FIRE WRAP FOR TYPE I GREASE EXHAUST DUCT, FROM HOOD CONNECTION TO TERMINATION POINT, IF PARTITION BEHIND HOOD IS FRAMED WITH WOOD OR OTHER COMBUSTIBLE CONSTRUCTION - GENERAL CONTRACTOR SHALL FIELD VERIFY.
- THE CONTRACTOR MAY, AT THEIR OPTION, SUBSTITUTE ROUND DUCT FOR RECTANGULAR DUCT AND RECTANGULAR DUCT FOR ROUND DUCT. DUCT SUBSTITUTIONS SHALL PROVIDE EQUIVALENT (SAME OR LOWER) VELOCITY AND PRESSURE DROP. FOR INTERNALLY LINED DUCTWORK THE NET FREE AREA OF THE SUBSTITUTED DUCT SHALL BE EQUIVALENT TO THE NET FREE AREA OF THE DESIGN.
- PROVIDE GUARDS OR FALL ARREST/RESTRAINT ANCHORAGE PER MECHANICAL CODE WHERE REQUIRED.
- PROVIDE STRUCTURAL SUPPORT FOR ALL EQUIPMENT, GUARDS, FALL ARREST/RESTRAINT ANCHORAGE AND ALL OTHER CONNECTIONS TO BUILDING STRUCTURE AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL NECESSARY STRUCTURAL ENGINEERING FOR ANY ADDITIONAL SUPPORTS, FRAMING, AND OTHER STRUCTURAL IMPROVEMENTS REQUIRED BY THE INSTALLATION.

**KEYED NOTES:**

- KEF-1 DISCHARGE SHALL BE MIN. 40 INCHES ABOVE THE FLAT ROOF SURFACE, MINIMUM 10 FEET HORIZONTALLY FROM OR 3 FEET ABOVE ANY OA INTAKES (INCLUDING THOSE OF ADJACENT TENANTS/BUILDINGS - FIELD VERIFY), MINIMUM 10 FEET HORIZONTALLY FROM VERTICAL WALLS PROJECTING MORE THAN 40 INCHES ABOVE THE ROOF, AND SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- OA INTAKE SHALL BE MIN 10'-0" FROM KITCHEN HOOD EXHAUST, RESTROOM EXHAUST, GAS VENT (FLUE), OR PLUMBING VENT TERMINATION, INCLUDING THOSE OF ADJACENT TENANTS (CONTRACTOR TO FIELD VERIFY).
- VENT AND COMBUSTION AIR PIPING, TERMINATE WITH CONCENTRIC VENTING KIT - MATERIALS, SIZING AND INSTALLATION SHALL BE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- DIFFUSER SHALL BE ADJUSTABLE, DOUBLE DEFLECTION TYPE AS SCHEDULED-NO EXCEPTIONS. ADJUST REAR BLADES (PARALLEL TO LONG DIMENSION) FOR VERTICAL, DOWNWARD THROW. ADJUST FRONT BLADES (PARALLEL TO SHORT DIMENSION) 2-WAYS, EACH HALF OF BLADES AT 45° FROM VERTICAL. TEST KITCHEN HOOD PERFORMANCE WITH ALL SYSTEMS ON AND AFTER ALL AIR DEVICES ARE ADJUSTED AND BALANCED - ADJUST DIFFUSER THROWS IF REQUIRED TO AVOID INTERFERENCE WITH HOOD'S CAPTURE AND CONTAINMENT PERFORMANCE, AND TO AVOID DISCHARGING AIR DIRECTLY ONTO THERMOSTATS, AND AVOID NUISANCE DRAFTS (OWNERS SATISFACTION).
- MANUAL PULL STATION SHALL BE LOCATED MINIMUM 10FT, MAXIMUM 20FT FROM RANGE HOOD ALONG THE PATH OF EGRESS. INSTALLATION SHALL BE PER IBC. COORDINATE FINAL LOCATION WITH OWNER AND AHI.
- HOOD SYSTEM INSTALLATION AND PERFORMANCE SHALL BE TESTED AND CERTIFIED BY A LICENSED INSTALLER OR AN APPROVED THIRD PARTY AGENCY.
- KEF-2 DISCHARGE SHALL BE MIN. 30 INCHES ABOVE THE FLAT ROOF SURFACE, MINIMUM 10 FEET FROM ANY OA INTAKES OR BUILDING OPENINGS (INCLUDING THOSE OF ADJACENT TENANTS/BUILDINGS - FIELD VERIFY), MINIMUM 30 INCHES HORIZONTALLY FROM VERTICAL WALLS PROJECTING ABOVE THE ROOF, AND SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 10'x10" RECTANGULAR DUCT MAY BE USED IN LIEU OF 10" DIAMETER ROUND DUCT.
- PROVIDE SECTORIZING BAFFLE IN NECK OF DIFFUSER TO BLOCK AIRFLOW IN QUADRANT FACING HOOD.
- PROVIDE GUARDS OR FALL ARREST/RESTRAINT ANCHORAGE PER MECHANICAL CODE REFER GENERAL NOTE 5.
- NEW ROOFTOP UNIT TO REPLACE EXISTING. PROVIDE NEW CURB OR CURB ADAPTER AS REQUIRED.

**TESTING, ADJUSTING AND BALANCING**

- PROVIDE CERTIFIED TESTING, ADJUSTING, AND BALANCING (TAB) REPORT FOR ALL MECHANICAL CONSTRUCTION SERVING AREAS UNDER THIS SCOPE OF WORK. TAB SHALL BE PERFORMED BY NEBB OR AABC CERTIFIED AGENT, USING PROCEDURES COMPLYING WITH CERTIFYING AUTHORITY. SUBMIT FINAL REPORT TO ENGINEER FOR REVIEW AND APPROVAL.
- REPORT SHALL INCLUDE NAME, CONTACT INFORMATION, AND PROOF OF CERTIFICATION FOR TAB AGENT.
- FINAL BALANCE ALL QUANTITIES TO WITHIN +/-5% OF DESIGN. ADJUST FAN SPEED TO LOWEST POSSIBLE.
- KITCHEN HOODS SHALL BE BALANCED BY TESTING AGENCY CERTIFIED BY HOOD MANUFACTURER.
- ADJUST THROW PATTERN OF ALL SUPPLY AIR DEVICES WITHIN 10FT OF KITCHEN HOODS AND ALL SUPPLY AIR DEVICES BEHIND SERVICE COUNTER TO AVOID INTERFERENCE WITH HOOD OPERATION AND TO ELIMINATE NUISANCE DRAFTS. PROVIDE BAFFLES IN AIR DEVICE NECK OR BEHIND FACE AS REQUIRED FOR DIFFUSERS WITHOUT ADJUSTABLE LOUVERS. FINAL SETTINGS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
- AT A MINIMUM, THE FOLLOWING SHALL BE CERTIFIED IN THE REPORT (DESIGN QUANTITIES AND FINAL, BALANCED QUANTITIES):
  - MANUFACTURER, MODEL #, AND SERIAL # OF ALL EXISTING AND NEW EQUIPMENT.
  - ELECTRICAL CHARACTERISTICS OF ALL EXISTING AND NEW EQUIPMENT.
  - AIR CONDITIONING SYSTEM PERFORMANCE: UNIT SUPPLY AIR FLOW, UNIT OUTSIDE AIR FLOW, FAN INLET AND DISCHARGE PRESSURES, UNIT INLET AND DISCHARGE PRESSURES, FAN SPEED AND AMP DRAW, COOLING AND HEATING COIL ENTERING AND LEAVING TEMPERATURES (DRY BULB AND WET BULB), OUTSIDE AIR TEMPERATURE (DRY BULB AND WET BULB).
  - KITCHEN EXHAUST SYSTEM PERFORMANCE: EXHAUST AIRFLOW, FAN INLET AND DISCHARGE PRESSURE, FAN SPEED AND AMP DRAW.
  - KITCHEN MAKE-UP AIR SYSTEM PERFORMANCE: AIRFLOW, FAN INLET AND DISCHARGE PRESSURE, HEAT EXCHANGER INLET AND DISCHARGE TEMPERATURES.
  - AIR DISTRIBUTION: AIRFLOWS AT EACH AIR DEVICE, CONFIRMATION OF DIRECTIONAL ADJUSTMENT OF SUPPLY DIFFUSER PATTERN CONTROLLERS WHERE NOTED ON PLANS.
  - DESCRIPTION OF ANY PROBLEMS NOTED DURING BALANCING.

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NC HWY 210  
LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
DRAWN BY: TD  
CHECKED BY: KM  
ISSUE DATE: 05/09/24

**H1.1**

**HVAC FLOOR PLAN**

# KEH-1 CANOPY GRIDDLE HOOD

## HOOD INFORMATION

MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.			
			WIDTH	LENG.	HEIGHT	DIA.			END TO END	ROW		
5424	5' 0"	600 Deg.	1000	4'	10"	1000	1833	-0.363"	750	Where Exposed	ALONE	ALONE

## HOOD INFORMATION

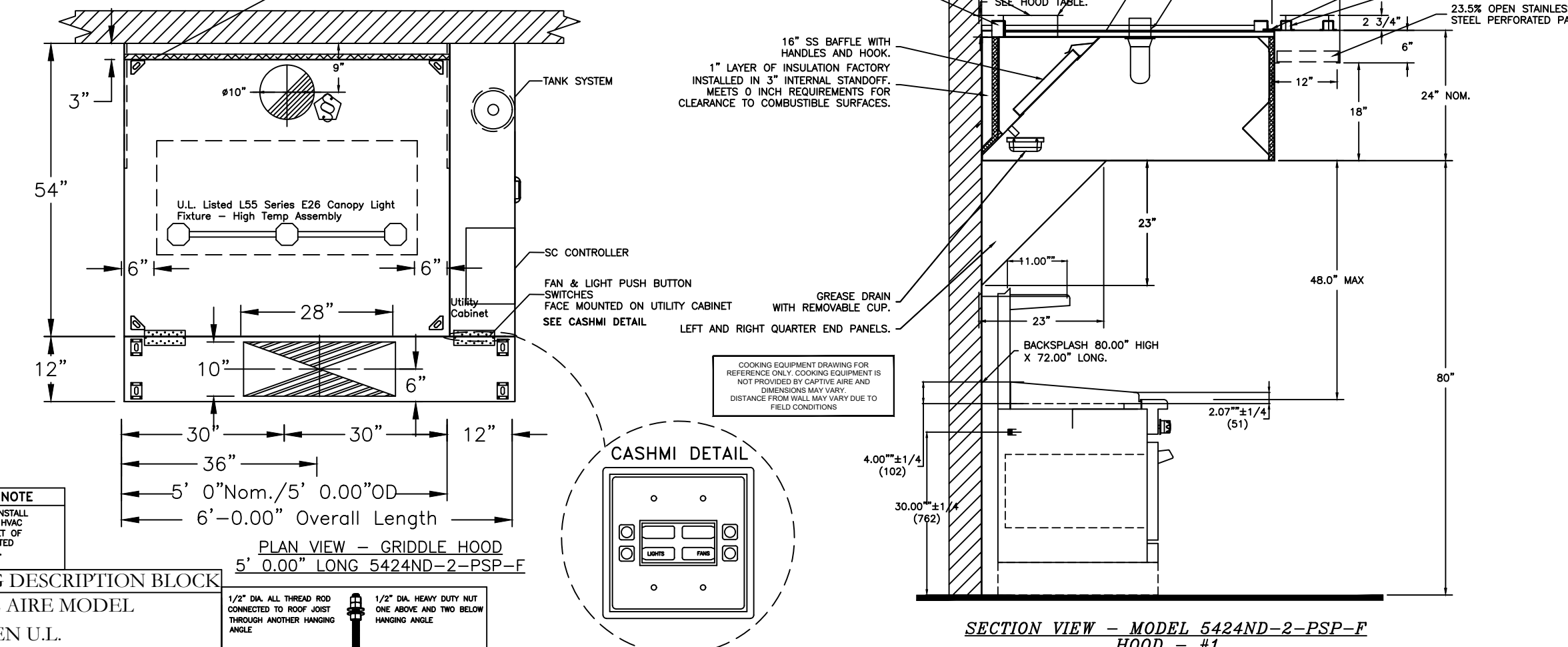
FILTER(S)						LIGHT(S)										
TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	QTY	WIRE GUARD	LOCATION	SIZE	TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE HOOD SYSTEM PIPING	HOOD WEIGHT
SS BAFFLE WITH HANDLES	3	16"	16"	30%	3	L55 SERIES E26	NO	RIGHT	12"x54"x24"	TANK FS	4.0	SC-110110MA	1 FAN	YES	660	LB

## HOOD OPTIONS

NO.	DESCRIPTION	OPTION
1	RIGHT UC 75% MAU	FIELD WRAPPER 16.00" HIGH FRONT, LEFT, RIGHT. BACKSPLASH 80.00" HIGH X 73.00" LONG 4.30 SS VERTICAL. LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. RISER SENSOR INSTALL 6IN. PLEN. INSULATION FOR BACK OF HOOD.

## PERFORATED SUPPLY PLENUM(S)

POS.	LENGTH	WIDTH	HEIGHT	TYPE	WIDTH	LENG.	DA.	CFM	S.P.
Front	72"	12"	8"	MAU	10"	28"	750	0.254"	

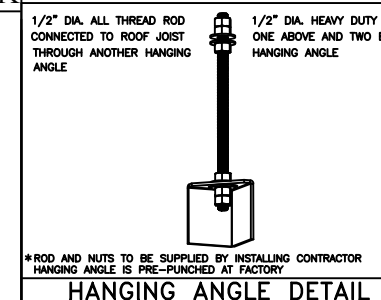


## HYAC DISTRIBUTION NOTE

IF IT IS RECOMMENDED NOT TO INSTALL HIGH VELOCITY DIFFUSERS OR HANGING RETURN WITHIN TEN (10) FEET OF THE EXHAUST HOOD, PERFORATED DIFFUSERS ARE RECOMMENDED.

## ETL LISTING DESCRIPTION BLOCK

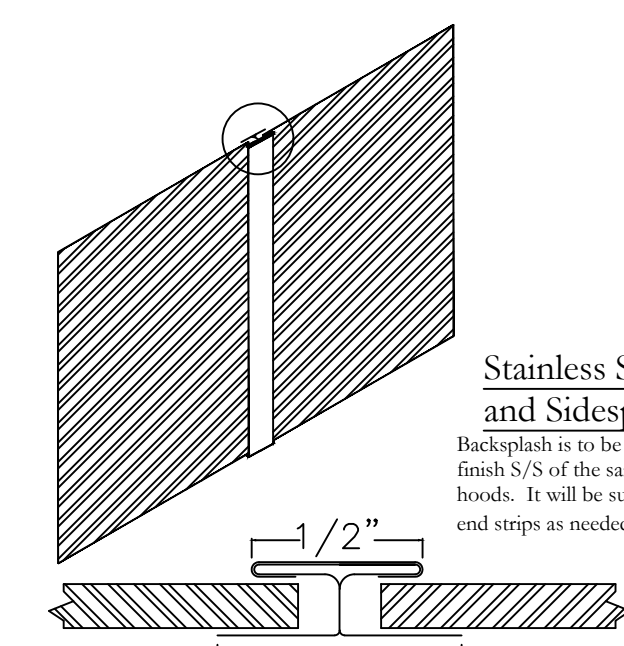
THE CAPTIVE AIRE MODEL ND-2 HAS BEEN U.L. 710 TESTED, LISTED, AND APPROVED TO EXHAUST A MINIMUM OF 200 CFM PER LINEAR FOOT OVER 600 DEGREE COOKING EQUIPMENT



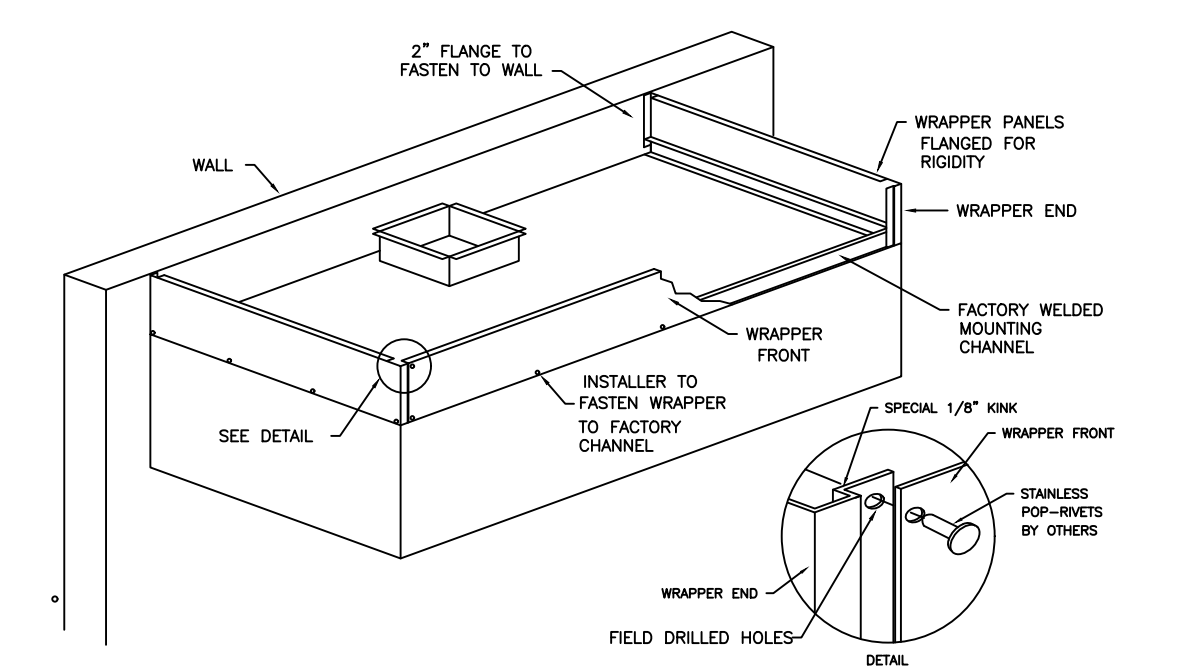
JOB	Jersey Mike's Subs
LOCATION	Lillington, NC
DATE	5/9/24
DWG #	DRAWN BY EG-32
REV.	SCALE NTS

**VERIFY CEILING HEIGHT**  
Height required to verify that the hood will fit and to size the enclosure panels.

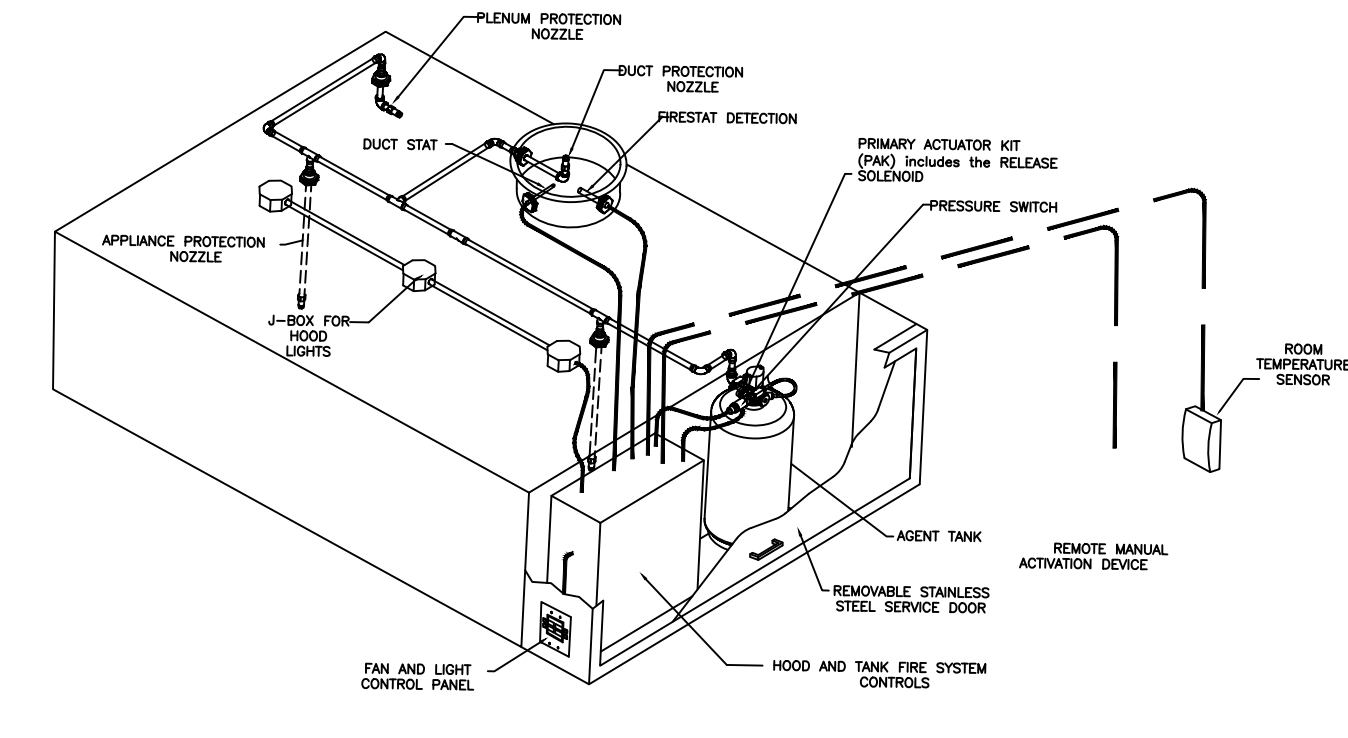
# KEH-1 FIRE SYSTEM/INSTALLATION DETAILS



Batton Strip Detail

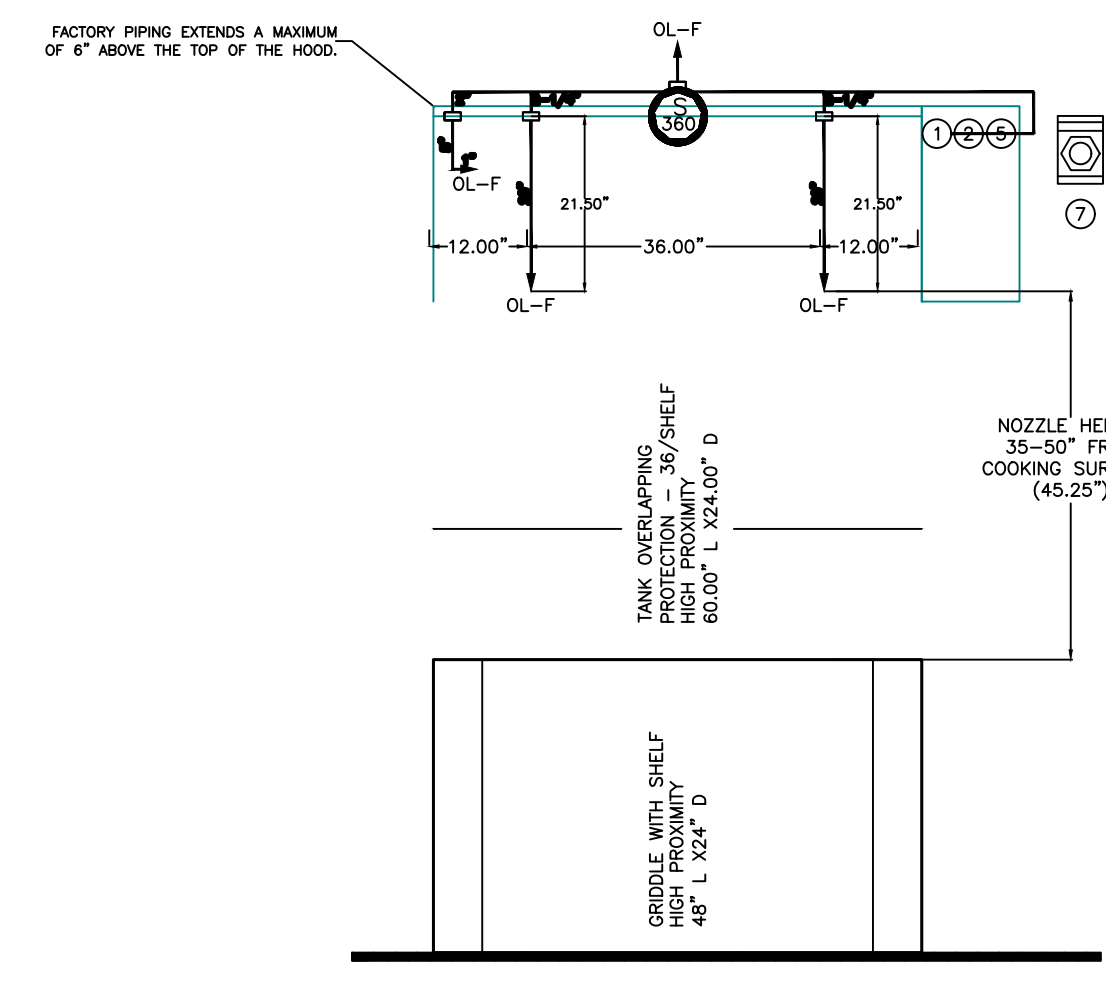
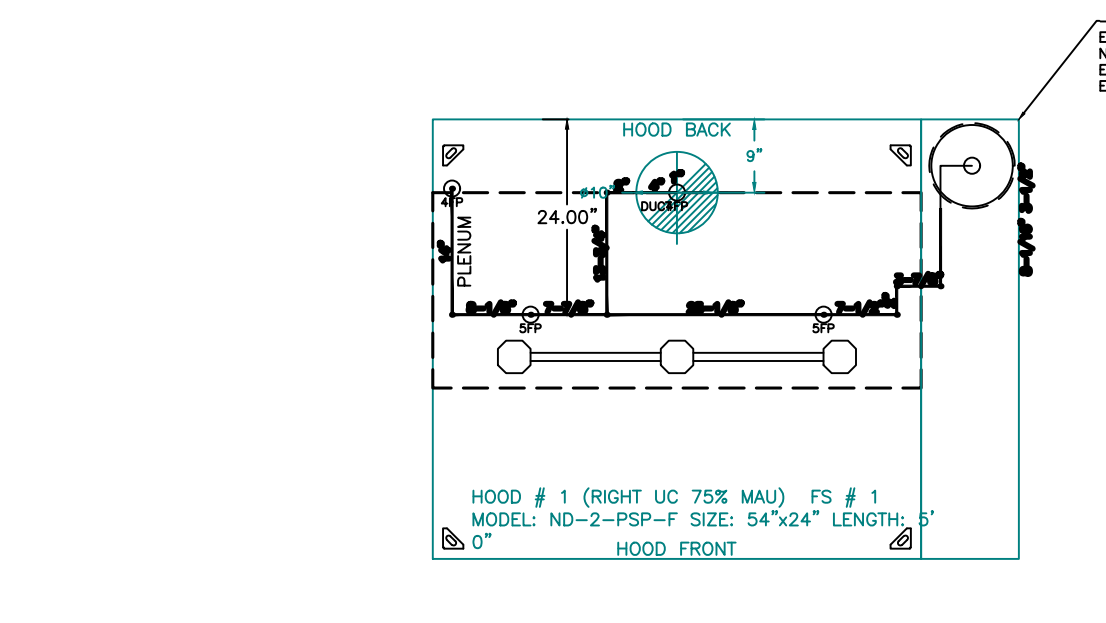


**VERIFY GAS VALVE SIZE**



JOB	Jersey Mike's Subs
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# KEH-1 FIRE SYSTEM/INSTALLATION DETAILS



**NOTES**

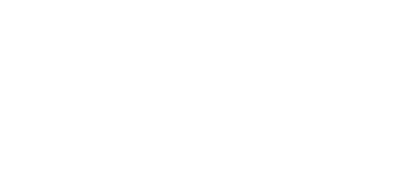
- FIELD PIPE DROPS AS SHOWN
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 3/4" IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.
- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.
- OL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

**JOB NAME:** JERSEY MIKE'S SUBS  
**SYSTEM SIZE:** TANK-SP-1 TOTAL FP REQUIRED: 18.  
**HOOD # 1** 5' 0.00" LONG X 54" WIDE X 24" HIGH.  
**RISER # 1** SIZE: 10" DIA.  
**HOOD # 1** METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.  
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

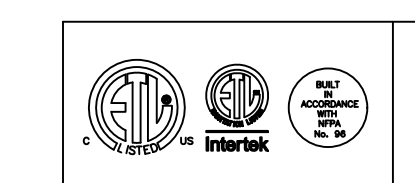
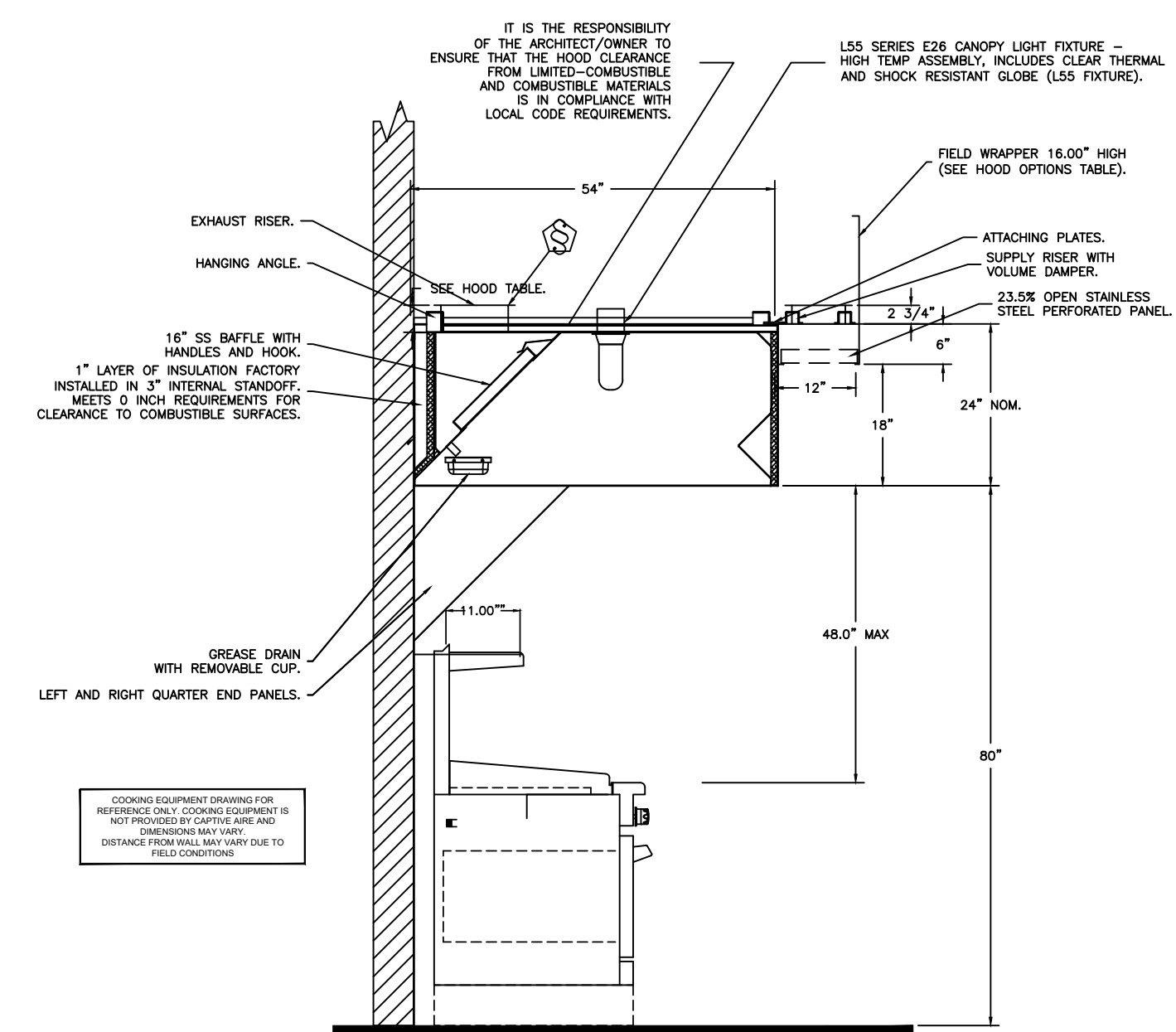
**LEGEND - FIRE CABINET TANK SYSTEM**

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.



JOB	Jersey Mike's Subs
LOCATION	Lillington, NC
DATE	5/9/24
DWG #	DRAWN BY EG-32
REV.	SCALE NTS

# KEH-1 FIRE PROTECTION DETAILS



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PROJECT NO.	JMNC-152
DRAWN BY:	TD
CHECKED BY:	KM
ISSUE DATE:	05/09/24
<b>HOOD AND FAN DETAILS-1</b>	
<b>H2.1</b>	

# KEF-1 GRIDDLE FAN

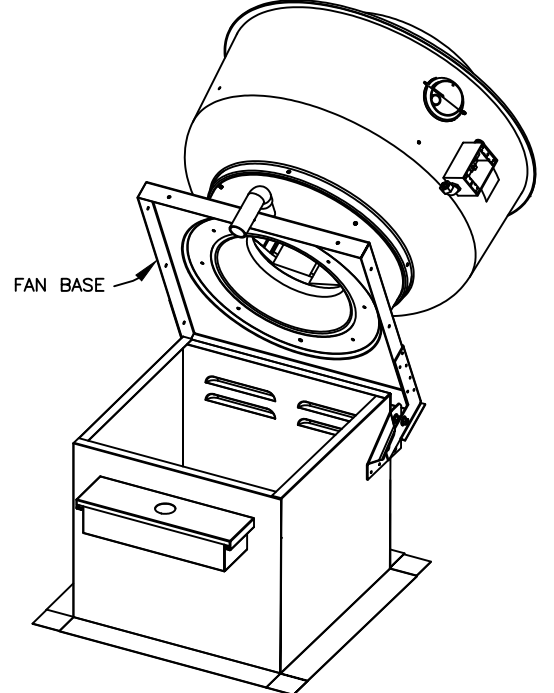
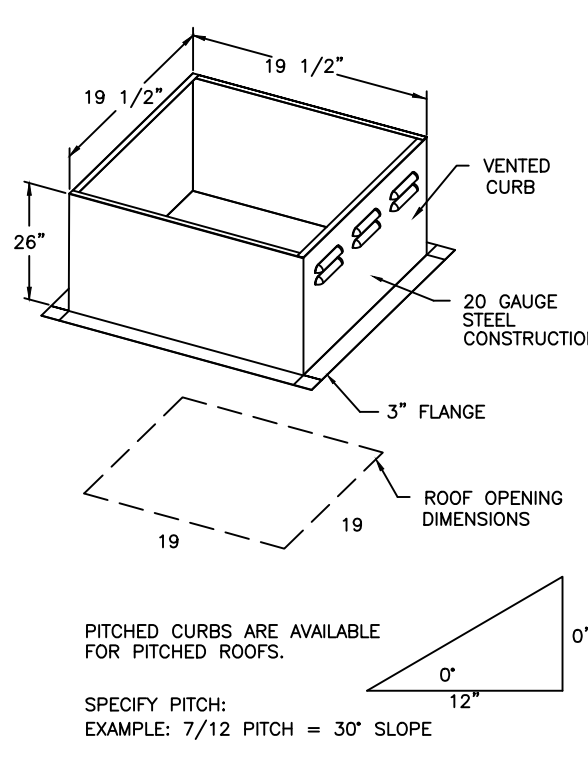
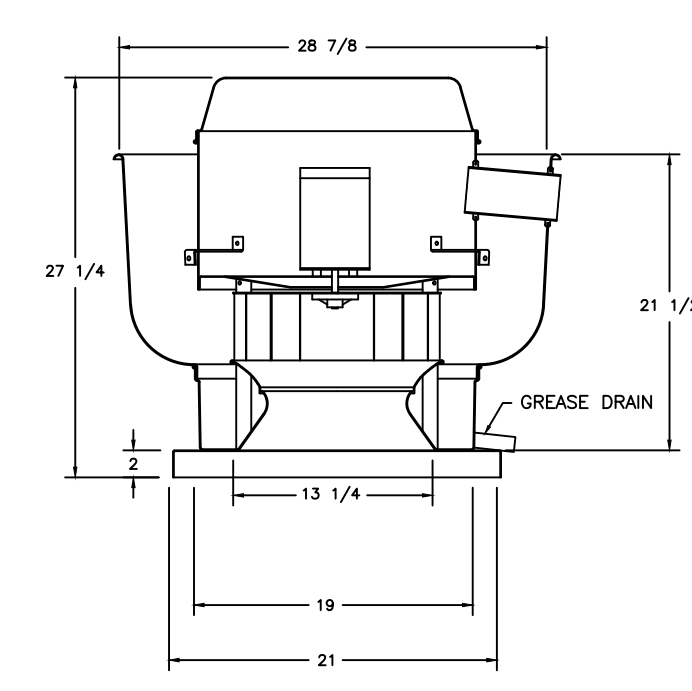
## EXHAUST FAN INFORMATION

FAN UNIT MODEL #	MODEL	CFM	ESP.	RPM	H.P.	#	VOLT	FLA	WEIGHT (LBS.)	SONES
DUSOHFA	DUSOHFA	1000	1.000	1471	0.500	1	115	8.4	84	15.3

## FAN OPTIONS

ON FAN	WEIGHT	ITEM	SIZE
DUSOHFA	38 LBS	Curb	19.500"W x 19.500"L x 26.000"H Vented Hinged

FAN #1 DUSOHFA - EXHAUST FAN (GRIDDLE EF)



**ATTENTION!**  
 INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH!  
 MESSAGE ON LABEL:  
 "INSTALLER SHOULD SUPPLY ENOUGH ELECTRICAL CORD TO LET FAN MAKE COMPLETE SWING"

- FEATURES:**
- ROOF MOUNTED FANS
  - RESTAURANT MODEL
  - UL705 AND UL762
  - VARIABLE SPEED CONTROL
  - INTERNAL WIRING
  - WEATHERPROOF DISCONNECT
  - THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
  - HIGH HEAT OPERATION 300°F (149°C)
  - GREASE CLASSIFICATION TESTING

**NORMAL TEMPERATURE TEST**  
 EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM AND WITHOUT ANY DETRIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

**ABNORMAL FLARE-UP TEST**  
 EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 800°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

**OPTIONS**  
 GREASE BOX

	<b>CAPTIVEAIRE</b>	<b>JOB</b> Jersey Mike's Subs <b>LOCATION</b> Lillington, NC <b>DATE</b> 5/9/24 <b>DWC #</b> <b>REV.</b>	<b>JOB #</b> 6789338 <b>DRAWN BY</b> EG-32 <b>SCALE</b> NTS
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# KSF-1 SUPPLY FAN

## MUA FAN INFORMATION

FAN UNIT MODEL #	BLOWER	HOUSING	CFM	ESP.	RPM	H.P.	B.H.P.	#	VOLT	FLA	WEIGHT (LBS.)	SONES
A1-G10	G10D	A1	750	0.500	814	1.000	0.4140	1	115	10.2	212	16.1

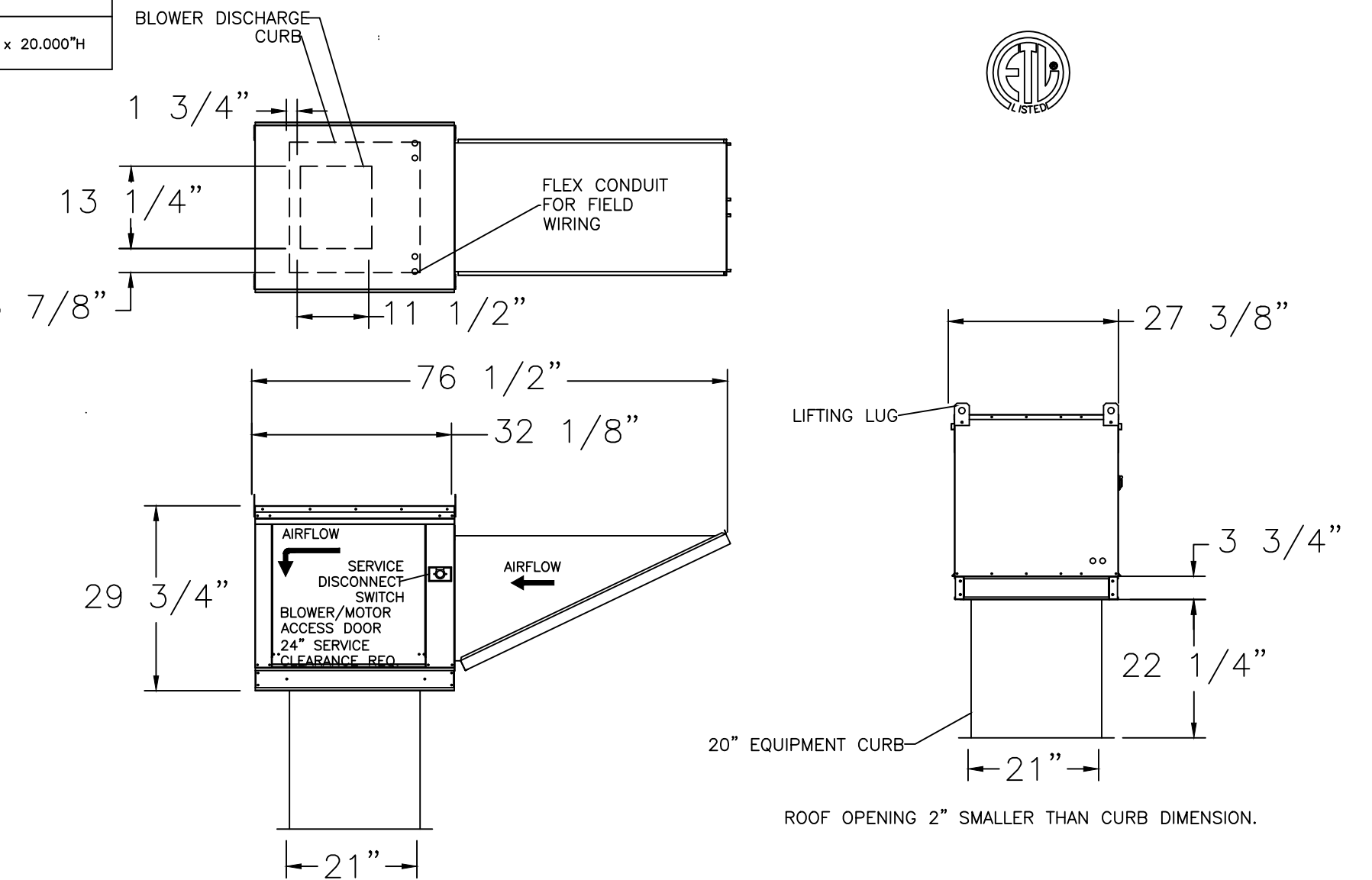
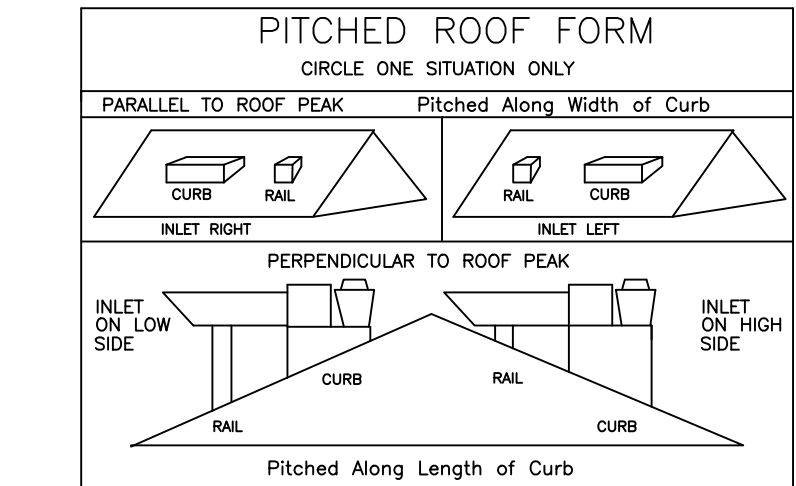
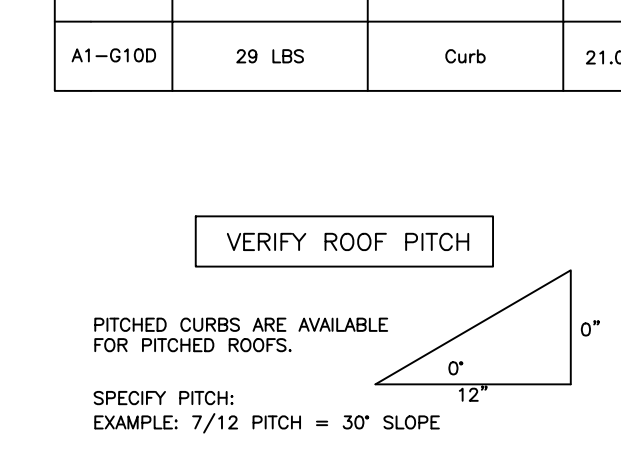
## FAN OPTIONS

OPTION (Qty. - Descr.)
1 - ECM Wiring Package-Supply Fans Untempered- Manual Speed Control.

## CURB ASSEMBLIES

ON FAN	WEIGHT	ITEM	SIZE
A1-G10D	29 LBS	Curb	21.000"W x 21.000"L x 20.000"H

- FAN #3 A1-G10D - SUPPLY FAN (DOWN)**
1. DIRECT DRIVE DIRECT DRIVE UNTEMPERED SUPPLY UNIT WITH 10" BLOWER IN SIZE #1 HOUSING WITH SPEED CONTROL, DISCONNECT SWITCH.
  2. INTAKE HOOD WITH EZ FILTERS
  3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
  4. ECM WIRING PACKAGE AND MANUAL CONTROL FOR ECM MOTORS ON SUPPLY PRVS.



	<b>CAPTIVEAIRE</b>	<b>JOB</b> Jersey Mike's Subs <b>LOCATION</b> Lillington, NC <b>DATE</b> 5/9/24 <b>DWC #</b> <b>REV.</b>	<b>JOB #</b> 6789338 <b>DRAWN BY</b> EG-32 <b>SCALE</b> NTS
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\*NOTE: Verify CFM with Hood Drawing

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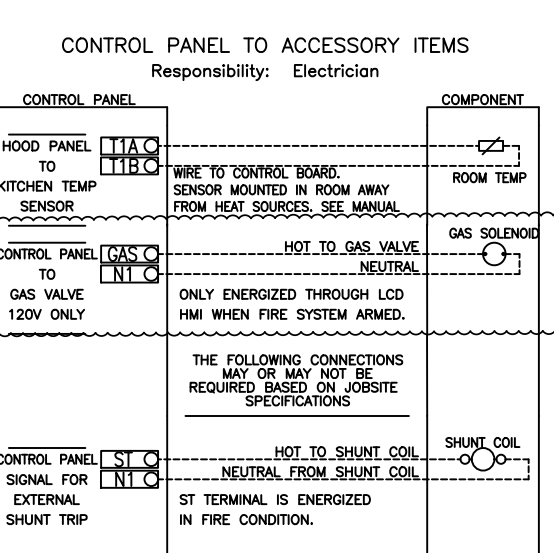
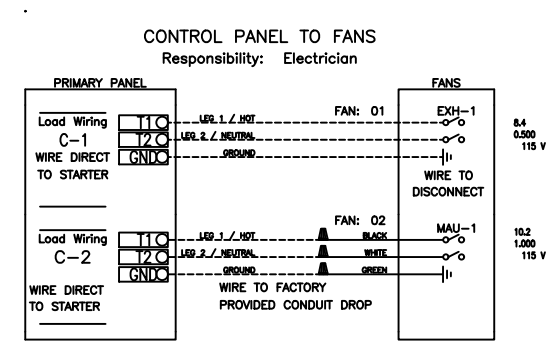
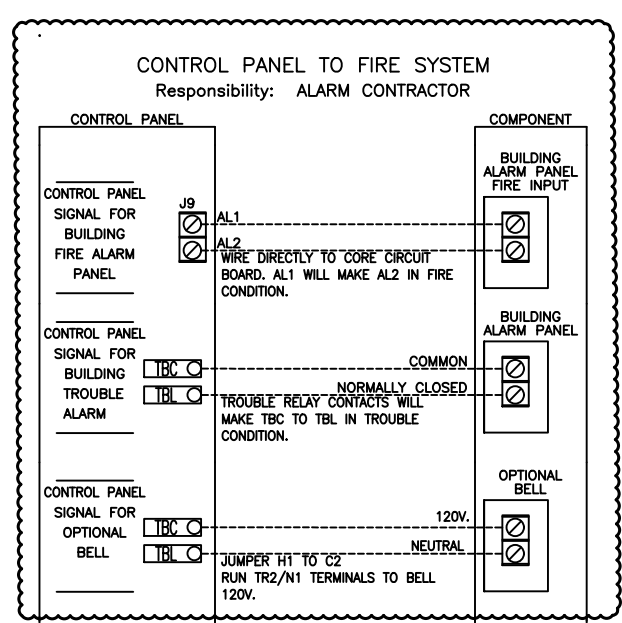
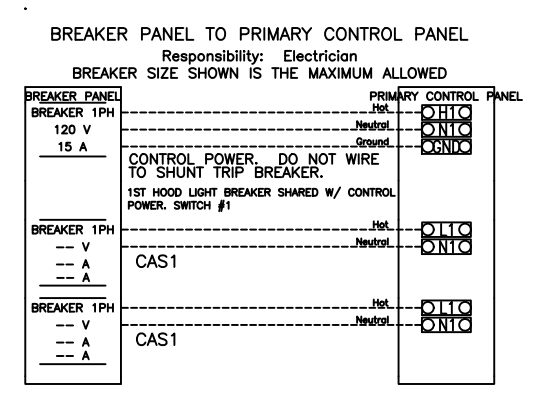
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# GRIDDLE HOOD DUCTWORK

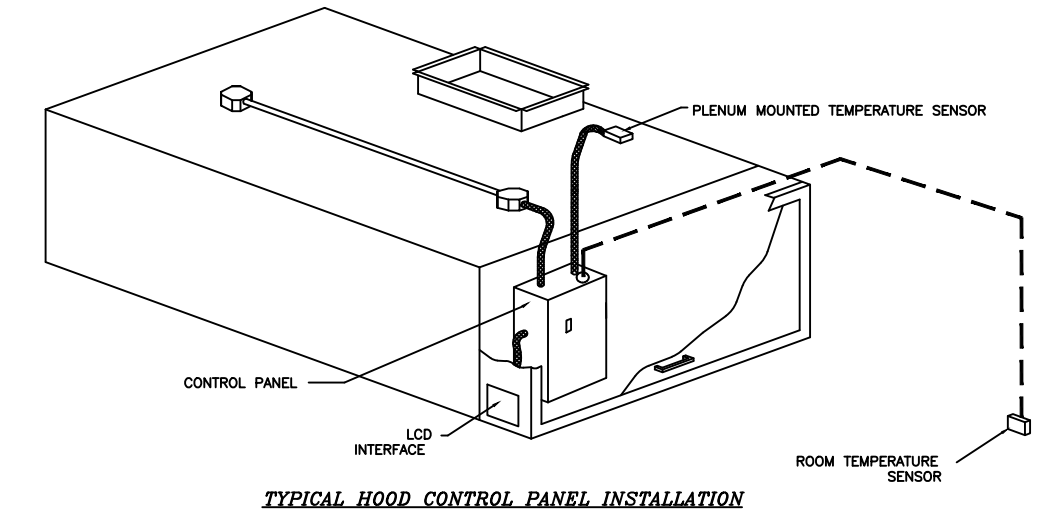
## ELECTRICAL PACKAGE

PACKAGE #	LOCATION	SWITCHES	OPTION	FANS CONTROLLED
SC-111110M	Utility Cabinet Right	13 - Utility Cabinet 1 - Light Hood # 2	Smart Controls Thermostatic Control	FAN TAG TYPE # H.P. VOLT FLA GRIDDLE EF Exhaust 1 0.500 115 8.4 HEAT DOWN Supply 1 1.000 115 11.4



## ROOM TEMPERATURE SENSOR

The Room Temperature sensor is a 10K Ohm Thermistor. The sensor provides constant room temperature to the controller. It should be installed on a wall somewhere in the space but not directly under the hood or close to an appliance so that the reading is not affected by heat.



**SEQUENCE OF OPERATION - HOOD CONTROLS**  
 Electrical Package: FP SERIES

Once oil power, light and temperature sensor circuits are properly bonded on the control terminal block the LCD interface will be illuminated. All temperature readings are measured by resistive temperature sensors (thermistors) installed in each hood exhaust riser. One room temperature sensor is installed in the space to measure ambient air temperature.

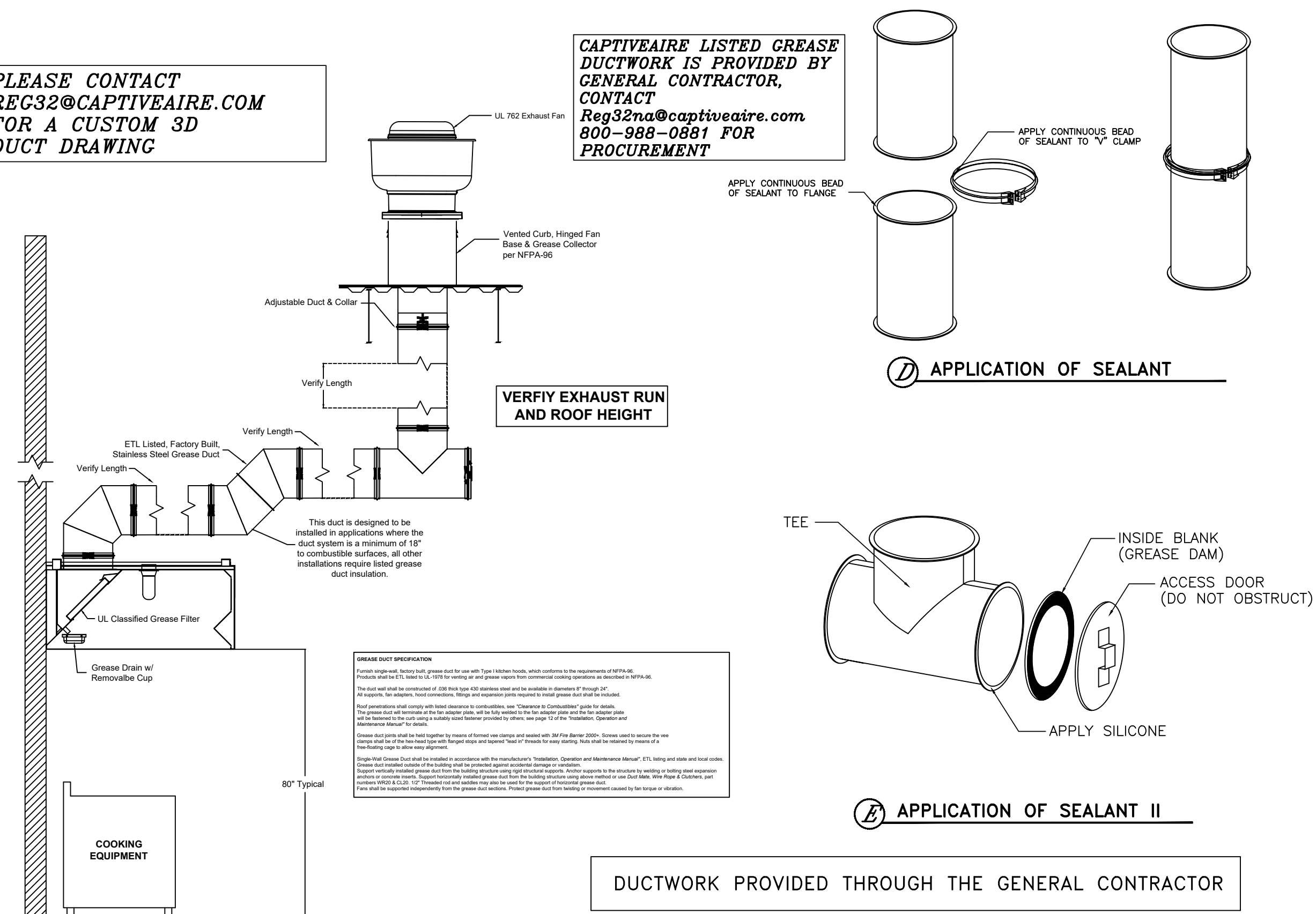
**Automatic activation:**  
 Turn on cooking appliances, Exhaust fan(s) (and supply fan(s)), if present, will automatically energize when duct temperature exceeds pre-set differential with respect to ambient room temperature (factory setpoint differential = 10 degrees F, adjustable). At the end of the day, after cooking operations have ceased, the fan(s) will shut off when the duct temperature falls below the setpoint differential.

**Manual activation:**  
 Operator presses the fan button to energize starter(s) and start the exhaust fan(s). Supply fan(s), if present, will be activated by factory pre-wired interlock.

**Two methods to activate system:**  
 In the event of a fire, a signal is sent across the normally open dry contact of the FIRE SUPPRESSION SYSTEM MICROSWITCH (INTERLOCKED WITH HOOD CONTROL PANEL BY ELECTRICAL) EXHAUST FAN(S) TO REMAIN RUNNING, SUPPLY FAN(S) TO DE-ENERGIZE, LIGHTING CIRCUIT(S) TO DE-ENERGIZE, GAS/ELECTRIC TO SHUT OFF. MICROSWITCH MUST BE RESET PRIOR TO RESUMPTION OF NORMAL OPERATION.

PLEASE CONTACT  
 REG32@CAPTIVEAIRE.COM  
 FOR A CUSTOM 3D  
 DUCT DRAWING

CAPTIVEAIRE LISTED GREASE DUCTWORK IS PROVIDED BY GENERAL CONTRACTOR. CONTACT Reg32na@captiveaire.com 800-988-0881 FOR PROCUREMENT



	<b>CAPTIVEAIRE</b>	<b>JOB</b> Jersey Mike's Subs <b>LOCATION</b> Lillington, NC <b>DATE</b> 5/9/24 <b>DWC #</b> <b>REV.</b>	<b>JOB #</b> 6789338 <b>DRAWN BY</b> EG-32 <b>SCALE</b> NTS
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	<b>CAPTIVEAIRE</b>	<b>JOB</b> Jersey Mike's Subs <b>LOCATION</b> Lillington, NC <b>DATE</b> 5/9/24 <b>DWC #</b> <b>REV.</b>	<b>JOB #</b> 6789338 <b>DRAWN BY</b> EG-32 <b>SCALE</b> NTS
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REV.	NO.	DATE	DESCRIPTION

PROJECT NO. JMMC-152  
 DRAWN BY: TD  
 CHECKED BY: KM  
 ISSUE DATE: 05/09/24

**HOOD AND FAN DETAILS-2**

H2.2

# GRIDDLE HOOD DUCTWORK

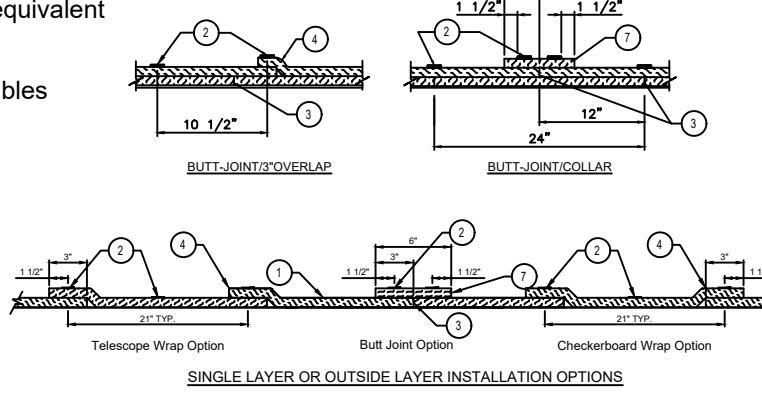
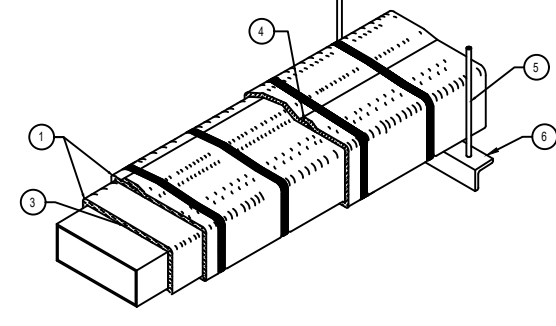
**GREASE DUCT & CHIMNEY SPECIFICATIONS:**  
 PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW"  
 ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "DW"  
 IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING  
 CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "DW"  
 DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER  
 THE MANUFACTURER'S INSTALLATION GUIDE.  
 PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER  
 MANUFACTURER'S LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16"  
 PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12".  
 DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE  
 ACCUMULATION IN HORIZONTAL RUNS.  
 IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR  
 UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO CAPTIVEAIRE  
 SYSTEMS MODEL "DW- 2R, 2R TYPE HT, 3R, OR 32" ROUND 20 GAUGE 430 STAINLESS INNER  
 DUCT INSULATED WITH A 24-GAUGE 430 STAINLESS OUTER SHELL.

### CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted   
 Approved with NO Exception Taken   
 Revised and Resubmit   
 SIGNATURE \_\_\_\_\_  
 Your Title \_\_\_\_\_ Date \_\_\_\_\_

DIAMETER	CLEARANCE TO COMBUSTIBLES		
	COMBUSTIBLES	LIMITED COMBUSTIBLES	NON COMBUSTIBLES
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"
18"	18"	3"	0"

Thermal Ceramics  
 Firemaster Fast Wrap XL or Unifrax FyreWrap Elite Blanket or equivalent  
 Commercial Kitchen Grease Duct Enclosure System  
 Air Ventilation Duct Enclosure System  
 1 or 2 Hour Shaft Alternative / Zero Clearance to Combustibles



**LEGEND**

- Two Layers of Firemaster Fast Wrap XL Blanket for Grease Duct Enclosures
- One Layer of Firemaster Fast Wrap XL Blanket for Air Ventilation Duct Enclosures
- Steel banding minimum 1/2" wide by 0.015" thick
- Single duct width on inner layer
- Min. 2" overlap on perimeter and between adjacent blanket on outside layer
- Min. 3/8" clearance between ducts
- Min. 2" x 2" x 1/8" angle for Grease Duct Enclosures
- Min. 1/2" x 1/2" x 1/8" angle or SAKOHA Equivalent for Air Ventilation Duct Enclosures
- Option of Firemaster Fast Wrap XL, color



### GREASE DUCT SPECIFICATION

Furnish single-wall, factory built, grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96, **CaptiveAir**, or approved equal. Products shall be ETL listed to the UL-1978 standard for venting air and grease vapors from commercial cooking operations as described in NFPA-96.  
 The duct wall shall be constructed of .036" thick type 430 stainless steel and be available in diameters of 8" to 24". The grease duct termination at the fan shall be fully welded to a fan adapter plate (where applicable) and the adapter plate shall be fastened to the curb using a suitably sized fastener provided by others. See Detail A.  
 The duct shall be listed with 18" clearance to combustible materials, 3" clearance to limited combustible materials and 0" clearance to non-combustible materials. Combustible materials are to be defined by the authority having jurisdiction. In cases where the duct distance to combustible materials is less than specified above, insulating products must be installed providing a reduced listing clearance. Approved insulating products include Firemaster Fast Wrap XL or equal when installed in accordance with the manufacturer's instructions. See Details B & C.  
 Grease duct joints shall be held together by means of formed vee clamps and sealed with 3M Fire Barrier 2000+. Screws used to secure the vee clamps shall be of the hex-head type with flanged stops and tapered "lead in" threads for easy starting. Nuts shall be retained by means of a free-floating cage to allow easy alignment. A continuous bead of sealant is to be applied to the duct flange to flange connection, as well as to the "V" groove of the vee clamp. See Detail D.  
 Single-Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual", ETL listing and state and local codes. Grease duct installed outside of the building shall be protected against accidental damage or vandalism. Support vertically installed grease duct from the building structure using rigid structural supports. Anchor supports to the structure by welding or bolting steel expansion anchors or concrete inserts. Support horizontally installed grease duct from the building structure using above method or use Duct Mate, Wire Rope & Clutchers, part numbers WR20 & CL20. 1/2" Threaded rod and saddles may also be used for the support of horizontal grease duct. Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration.  
 Grease duct installations require provisions for cleaning the interior of the duct. NFPA cleanout requirements are as follows:  
 1. A cleanout must be provided at each change of direction except where the entire length of duct can be inspected and cleaned from either the hood or the discharge end.  
 2. On horizontal duct runs, at least one 20" diameter opening must be provided. Where the opening is smaller than 20" diameter, openings large enough to permit cleaning must be provided at intervals of no more than 12'.  
 3. Openings must be at the side or the top, whichever is more accessible. When the opening is on the side of the duct, the lower edge of the opening must be at least 1' above the bottom of the duct. For listed grease duct, this is accomplished by the use of the grease manifold tee and cleanout cap. See Detail E.  
 4. On vertical duct runs where personnel entry is possible, access must be from the top of the riser. Where entry is not possible, access must be provided at each floor.

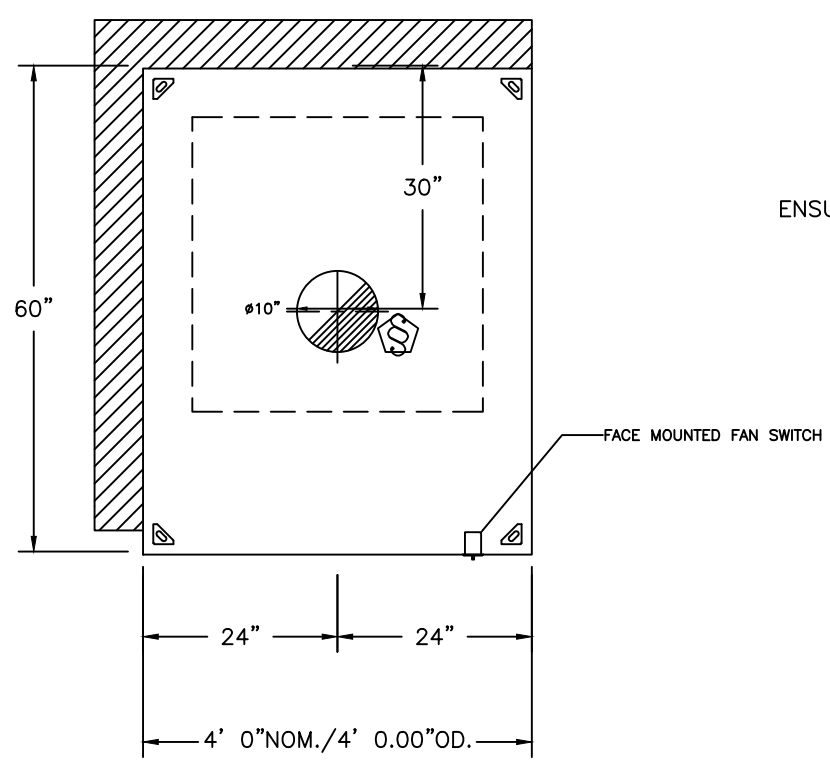
# KEH-2 BREAD OVEN HOOD

**HOOD INFORMATION - JOB#5975491**

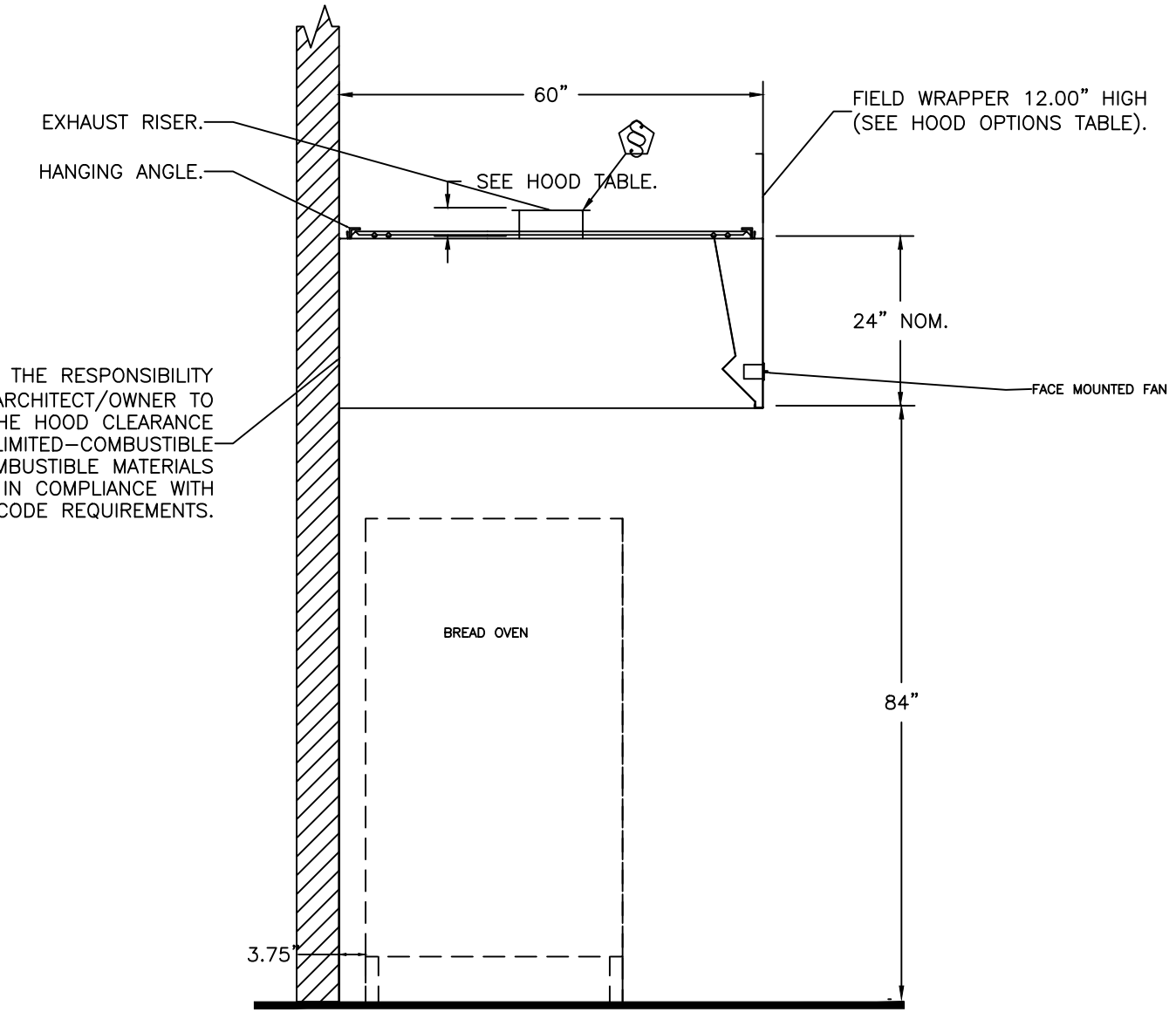
HOOD NO.	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISE(S)				HOOD CONSTRUCTION	HOOD CONFIG			SWITCHES			
										WIDTH	LENG	HEIGHT	DA		CFM	VEL	SP	END TO	ROW	QUANTITY	LOCATION
1	4'	6024 VHB-ND	CAPTIVEAIRE	4' 0"	700 DEG	II	N/A	100	400			4"	10"	400	733	-0.040"	430 SS 100%	ALONE	ALONE	1 FAN	FRONT RIGHT FACE

**HOOD OPTIONS**

HOOD NO.	TAG	OPTION
1	4' HOOD LEFT	FIELD WRAPPER 12.00" HIGH FRONT, LEFT, RIGHT. BACKSPLASH 84.00" HIGH X 48.00" LONG 430 SS VERTICAL. LEFT SIDESPLASH 84.00" HIGH X 60.00" LONG 430 SS VERTICAL.

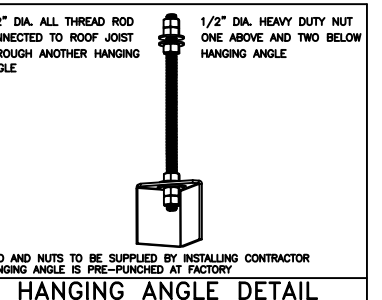


PLAN VIEW - HOOD #2 (4' HOOD LEFT)  
 4' 0.00" LONG 6024VHB-ND



SECTION VIEW - MODEL 6024VHB-ND  
 HOOD - #1 (4' HOOD)

**ETL LISTING DESCRIPTION BLOCK**  
 THE CAPTIVEAIRE MODEL VHB HAS BEEN U.L. 710 TESTED, LISTED, AND APPROVED TO EXHAUST A MINIMUM OF 150 CFM PER LINEAR FOOT OVER 700 DEGREE COOKING EQUIPMENT



**JOB** Jersey Mike's Subs  
**LOCATION** Lillington, NC  
**DATE** 5/9/24 **JOB #** 6789338  
**DWC #** **DRAWN BY** EG-32  
**R.V.** **SCALE** NTS

# KEF-2 BREAD OVEN FAN

**EXHAUST FAN INFORMATION - JOB#5975491**

FAN UNIT NO.	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL.	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	60" DEEP BREAD OVEN	1	DU12HFA	CAPTIVEAIRE	400	0.300	1481	TEAO-ECM	0.250	0.0970	1	115	2.9	284 FPM	55	8.2

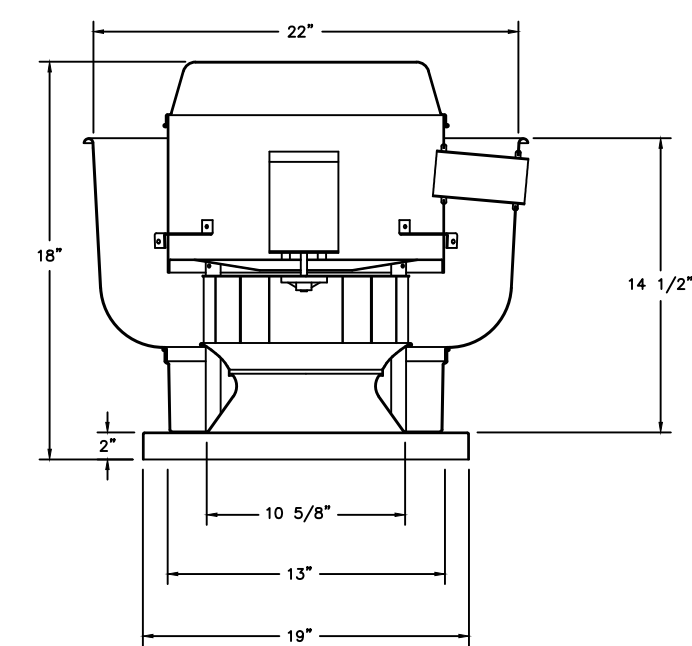
**FAN OPTIONS**

FAN UNIT NO.	TAG	QTY	DESCRIPTION
1	60" DEEP BREAD OVEN	1	1 12-BDD DAMPER
		1	ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCO MOTOR), CCW ROTATION
		1	2 YEAR PARTS WARRANTY

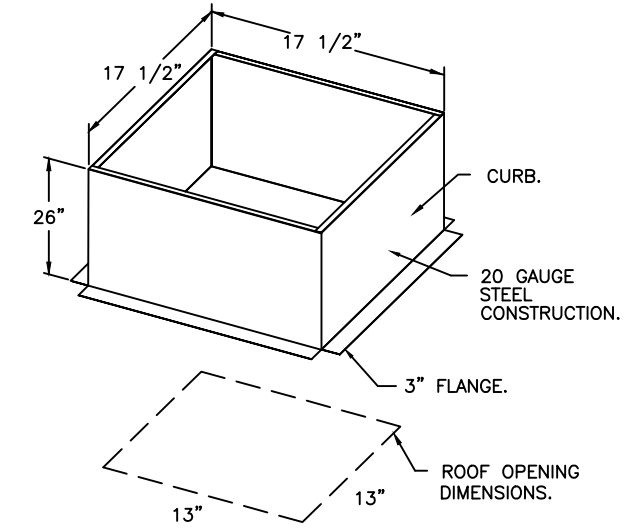
**CURB ASSEMBLIES**

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	60" DEEP BREAD OVEN	31 LBS	CURB	17.500"W X 17.500"L X 28.000"H ALONG LENGTH, RIGHT.

FAN #1 DU12HFA - EXHAUST FAN (60" DEEP BREAD OVEN)

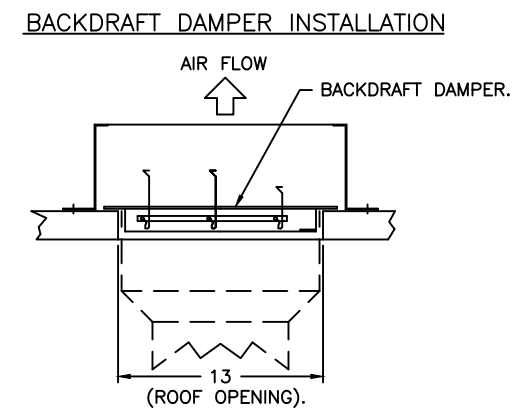


TOP VIEW



**FEATURES:**  
 - DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)  
 - ROOF MOUNTED FANS.  
 - UL705.  
 - VARIABLE SPEED CONTROL.  
 - INTERNAL WIRING.  
 - THERMAL OVERLOAD PROTECTION (SINGLE PHASE).  
 - NEMA 3R SAFETY DISCONNECT SWITCH.

**OPTIONS**  
 - 1 12-BDD DAMPER  
 - ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCO MOTOR), CCW ROTATION.  
 - 2 YEAR PARTS WARRANTY.



**JOB** Jersey Mike's Subs  
**LOCATION** Lillington, NC  
**DATE** 5/9/24 **JOB #** 6789338  
**DWC #** **DRAWN BY** EG-32  
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JERSEY MIKE'S SUBS  
 THE SQUARE AT LILLINGTON  
 NC HWY 210  
 LILLINGTON, NC 27546



05/09/24

REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
 DRAWN BY: TD  
 CHECKED BY: KM  
 ISSUE DATE: \_\_\_\_\_

## H2.3

HOOD AND FAN DETAILS-3

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JERSEY MIKE'S SUBS  
 THE SQUARE AT LILLINGTON  
 NC HWY 210  
 LILLINGTON, NC 27546



05/09/24

REV. NO.	DATE	DESCRIPTION

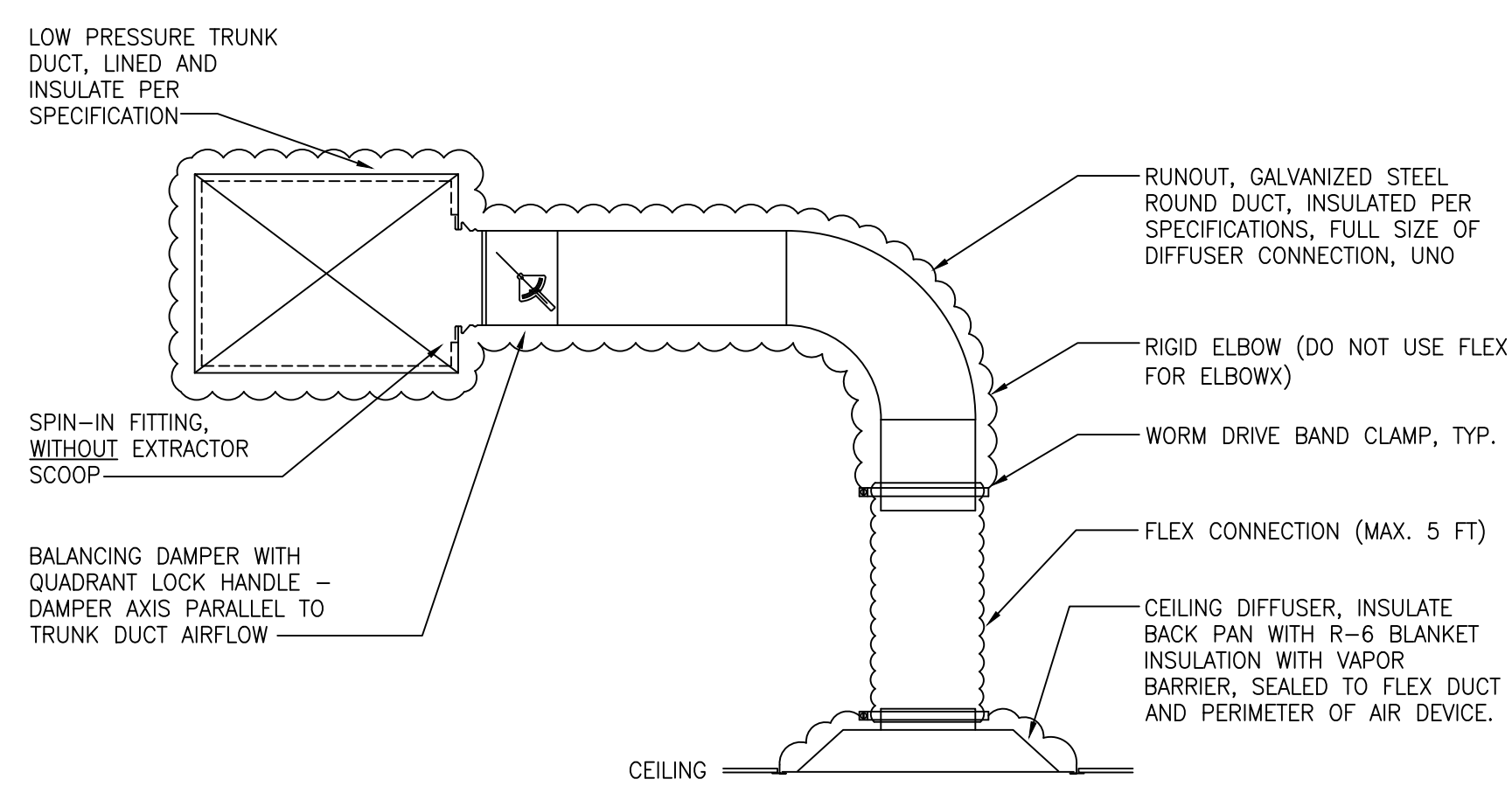
PROJECT NO. JMMC-152  
 DRAWN BY: TD  
 CHECKED BY: KM  
 ISSUE DATE: \_\_\_\_\_

HVAC DETAILS

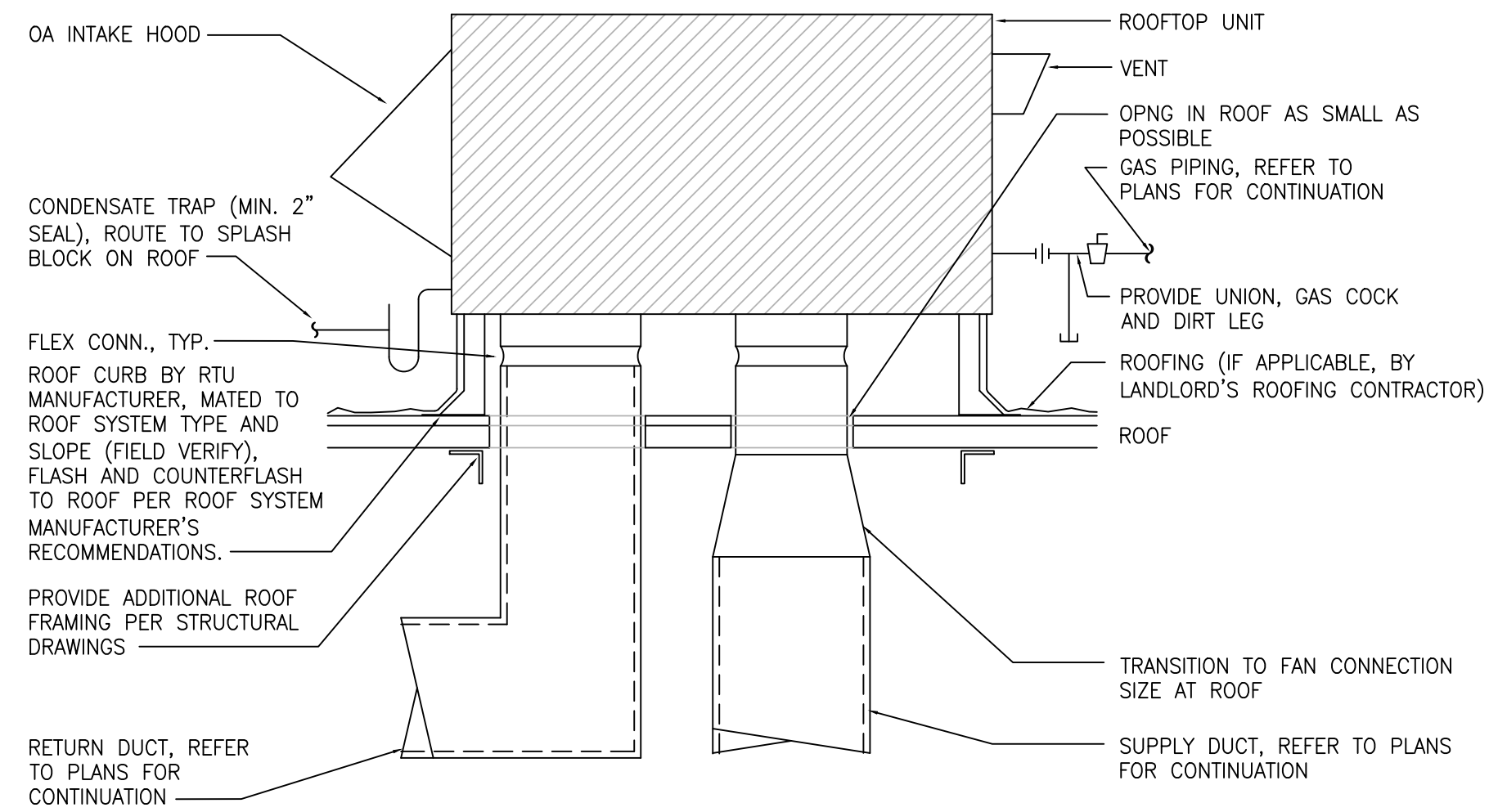
H3.1

**HVAC GENERAL NOTES**

- WORK SHALL BE INSTALLED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION AND ALL APPLICABLE LOCAL ORDINANCES.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., AND PAY ALL INCIDENTAL FEES, AS REQUIRED TO OBTAIN A PERMIT AND A PERMANENT CERTIFICATE OF OCCUPANCY.
- WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS. CONFLICTS WHICH ARISE DUE TO LACK OF PROPER COORDINATION SHALL BE CORRECTED AT THE CONTRACTOR'S COST.
- DESIGN INDICATED IS SCHEMATIC AND MAY NOT REFLECT ALL CONSTRAINTS IMPOSED BY ACTUAL PROJECT CONDITIONS. CONTRACTOR SHALL VISIT SITE AND REVIEW CONSTRUCTION DOCUMENTS (INCLUDING ALL TRADES) TO FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BID. CONTRACTOR'S BID SHALL INCLUDE ANY AND ALL COSTS REQUIRED TO REWORK THE DESIGN TO FIT WITHIN THE PHYSICAL CONSTRAINTS WHILE ACHIEVING THE OVERALL DESIGN INTENT.
- THE BASIS-OF-DESIGN PRODUCTS WERE USED TO DETERMINE DIMENSIONS, INSTALLATION AND ACCESS CLEARANCES, SUPPORTS, ELECTRICAL SERVICE, CONNECTION ARRANGEMENTS, ETC. WHERE ALTERNATE PRODUCTS ARE PROVIDED, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIREMENTS AND RECTIFY ANY CONFLICTS AT THE CONTRACTOR'S COST.
- ALL WORK SHALL BE INSTALLED TO AVOID CONFLICT WITH ELECTRICAL EQUIPMENT "DEDICATED SPACE" AS REQUIRED BY NEC AND LOCAL ORDINANCES. COORDINATE LOCATIONS OF ALL ELECTRICAL GEAR (DISTRIBUTION PANELS, TRANSFORMERS, SWITCHGEAR, ETC.) WITH ELECTRICAL CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL EQUIPMENT AND DEVICES WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING.
- ALL MATERIALS AND EQUIPMENT SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING. CONTRACTOR ASSUMES LIABILITY AND COSTS FOR ANY PRODUCT WHICH IS ORDERED PRIOR TO RECEIPT OF APPROVED SUBMITTALS.
- ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. ADDITIONAL WARRANTY SHALL APPLY WHERE SPECIFIED.
- EQUIPMENT START-UP AND COMMISSIONING SHALL BE PERFORMED BY FACTORY-AUTHORIZED AGENTS ONLY. SUBMIT WRITTEN START-UP PROCEDURES TO OWNER FOR APPROVAL PRIOR TO PERFORMANCE OF START-UP ACTIVITIES. FINAL REPORTS SHALL BE APPROVED BY OWNER.
- ALL PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED WITH UL-LISTED SYSTEM APPROVED FOR THE APPLICATION.
- FLASH AND SEAL ALL PENETRATIONS OF BUILDING EXTERIOR, WALLS AND ROOF WITH APPROVED SEALANT.
- ALL EQUIPMENT SHALL BE NEW EXCEPT FOR EQUIPMENT SPECIFICALLY NOTED AS EXISTING TO REMAIN. CONTRACTOR SHALL TEST EXISTING EQUIPMENT FOR PROPER OPERATION AND REPORT CONDITION TO OWNER. ALL UNREPORTED EQUIPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED IF NOT FUNCTIONAL AT THE DATE OF BENEFICIAL OCCUPANCY. NEW EQUIPMENT SHALL BE UL OR ETL LISTED AND LABELED. GAS-FIRED EQUIPMENT SHALL ALSO BE AGA OR CSA LISTED AND LABELED. INSTALL ALL EQUIPMENT PER THESE DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, AND CODE REQUIREMENTS FOR SPECIFIC APPLICATION.
- EXCEPT WHERE SPECIFIED OTHERWISE, MECHANICAL CONTRACTOR SHALL PROVIDE STARTERS AND ELECTRICAL DISCONNECTS FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- PROVIDE PERMANENT LABELS FOR ALL EQUIPMENT, CONTROLS, AND PIPING.
- GENERAL DUCTWORK (SUPPLY, RETURN, OUTSIDE AIR, RESTROOM EXHAUST, TYPE II KITCHEN EXHAUST) SHALL BE G90 GALVANIZED STEEL, LOCK-FORMING QUALITY, FABRICATED AND INSTALLED PER SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" AND CODE. DUCTWORK SHALL BE RATED FOR 1" WG, AND SEALED TO CLASS A SEAL USING UL-181A OR 181B WATER-BASED MASTIC. **DUCT SIZES SHOWN ARE NET FREE AREA DIMENSIONS, ADJUST SHEETMETAL SIZES FOR DUCT LINER AS REQUIRED.** INSULATE ALL CONCEALED METAL GENERAL DUCTWORK WITH 2", R-8 FIBERGLASS DUCT WRAP EXCEPT WHERE OTHERWISE SPECIFIED. PROVIDE 1", 1.5 PCF ACOUSTICAL FIBERGLASS DUCT LINER AT SUPPLY AND RETURN DUCTWORK FROM EQUIPMENT CONNECTION THRU FIRST 15 FEET OF DUCTWORK. DUCT LINER SHALL HAVE NEOPRENE COATING WITH ANTIMICROBIAL TREATMENT ON AIR SIDE.
- TYPE I KITCHEN HOOD (GREASE) EXHAUST DUCTWORK MAY BE CONTRACTOR-FABRICATED PER CODE OR FACTORY LISTED GREASE DUCT. THE ENTIRE DUCT SYSTEM FROM THE HOOD CONNECTION TO THE FAN CONNECTION SHALL BE OF ONE TYPE.
  - CONTRACTOR FABRICATED TYPE I EXHAUST DUCTWORK: CARBON STEEL, MIN 16 GA, WITH LIQUID-TIGHT ALL-WELDED JOINTS AND SEAMS, FABRICATED AND INSTALLED PER NFPA 96 AND MECHANICAL CODE; ALL ELBOWS SHALL BE SMOOTH RADIUS WITH INSIDE RADIUS EQUAL TO THE DUCT WIDTH (MITRED ELBOWS ARE NOT ACCEPTABLE); SLOPE MIN 1" PER FOOT TOWARD HOOD; WHERE LOW POINTS ARE REQUIRED IN HORIZONTAL RUNS, PROVIDE CODE-COMPLIANT RESERVOIR WITH GREASE DRAINS AT ALL LOW POINTS - ROUTE TO KITCHEN GREASE DRAINAGE SYSTEM; DUCT SHALL BE CONSTRUCTED TO PREVENT ACCUMULATION OF GREASE OR OBSTRUCTION FROM PROPER DRAINAGE - NO BOLTS, RIVETS, FLANGES, ETC., MAY PROTRUDE INTO DUCT; PROVIDE ACCESS DOORS FOR CLEANING AND INSPECTION OF DUCT SYSTEM AS REQUIRED BY THE LAHJ - ACCESS DOORS SHALL BE UL LISTED FOR TYPE I KITCHEN EXHAUST SERVICE.
  - FACTORY LISTED TYPE I EXHAUST DUCTWORK: LISTED AND LABELED TO UL 1978 AND UL 2221; LISTED FOR 3/4" CLEARANCE TO COMBUSTIBLES AND ZERO CLEARANCE TO NON-COMBUSTIBLES; DOUBLE WALL CONSTRUCTION WITH 0.036" THICK 403 STAINLESS STEEL INNER DUCT AND 0.024" THICK STAINLESS STEEL OUTER WALL; DUCT JOINTS SECURED WITH V CLAMPS AND SEALED WITH 3M FIRE BARRIER 2000+ SEALANT; FABRICATED AND INSTALLED PER NFPA 96 AND CODE; -1" WG PRESSURE CLASS; DUCT SHALL BE CONSTRUCTED TO PREVENT ACCUMULATION OF GREASE OR OBSTRUCTION FROM PROPER DRAINAGE - NO BOLTS, RIVETS, FLANGES, ETC., MAY PROTRUDE INTO DUCT; PROVIDE ACCESS DOORS FOR CLEANING AND INSPECTION OF DUCT SYSTEM WHERE REQUIRED; ALL JOINTS AND SEAMS LIQUID TIGHT; LISTED FOR 500'F CONTINUOUS SERVICE AND INTERMITTENT EXPOSURE TO 2,000'F; ENTIRE DUCT SYSTEM SHALL BE CONSTRUCTED FROM A SINGLE MANUFACTURER'S SYSTEM AND SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. SEE HOOD DRAWINGS FOR ADDITIONAL SPECIFICATIONS.
  - WHERE REQUIRED, INSULATE ALL TYPE I EXHAUST DUCT FROM HOOD CONNECTION TO ROOF PENETRATION WITH UL LISTED GREASE DUCT FIRE WRAP PROVIDING 2 HOUR FIRE RATING AND ZERO CLEARANCE TO COMBUSTIBLES. SEE HOOD DRAWINGS FOR ADDITIONAL SPECIFICATIONS.
- FLEXIBLE DUCT SHALL BE UL 181 CLASS 1, STEEL WIRE HELIX WITH REINFORCED INNER LAYER, R-6 FIBERGLASS INSULATION, AND FOIL-FACED OUTER VAPOR BARRIER.
- EXCEPT WHERE NOTED OTHERWISE, EACH SUPPLY AIR DEVICE SHALL HAVE MANUAL BALANCING DAMPER AT TAKE-OFF CONNECTION TO SUPPLY TRUNK DUCT.
- AIR DEVICES SHALL BE AS NOTED OR SCHEDULED. COORDINATE BORDER AND MOUNTING WITH SURFACE IN WHICH INSTALLED, REFER TO ARCHITECTURAL DRAWINGS. AIR DEVICES IN FINISHED SPACES SHALL BE FREE OF VISIBLE FASTENERS. COLOR AND FINISH SHALL BE APPROVED BY THE ARCHITECT.
- PROVIDE UL 555 FIRE DAMPERS (UL 555S COMBINATION FIRE/SMOKE DAMPERS) AT ALL AIR DISTRIBUTION SYSTEM PENETRATIONS OF FIRE RATED (FIRE AND SMOKE RATED) ASSEMBLIES.
- SUPPORT EQUIPMENT DIRECTLY FROM BUILDING STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE VIBRATION ISOLATION FOR ALL EQUIPMENT WITH ROTATING PARTS.
- TEST EQUIPMENT, ECONOMIZERS, AND CONTROLS FOR PROPER OPERATION, CALIBRATION AND ADJUSTMENT. PROVIDE REPORT TO OWNER.
- PROVIDE COMPLETE AS-BUILT DRAWINGS FOR ALL HVAC SYSTEMS AND O&M MANUALS FOR ALL EQUIPMENT TO OWNER WITHIN 90 DAYS OF SYSTEM ACCEPTANCE. AS-BUILT DRAWINGS SHALL NOT BEAR THE NAME OR SEAL OF THE ARCHITECT OR ENGINEER.

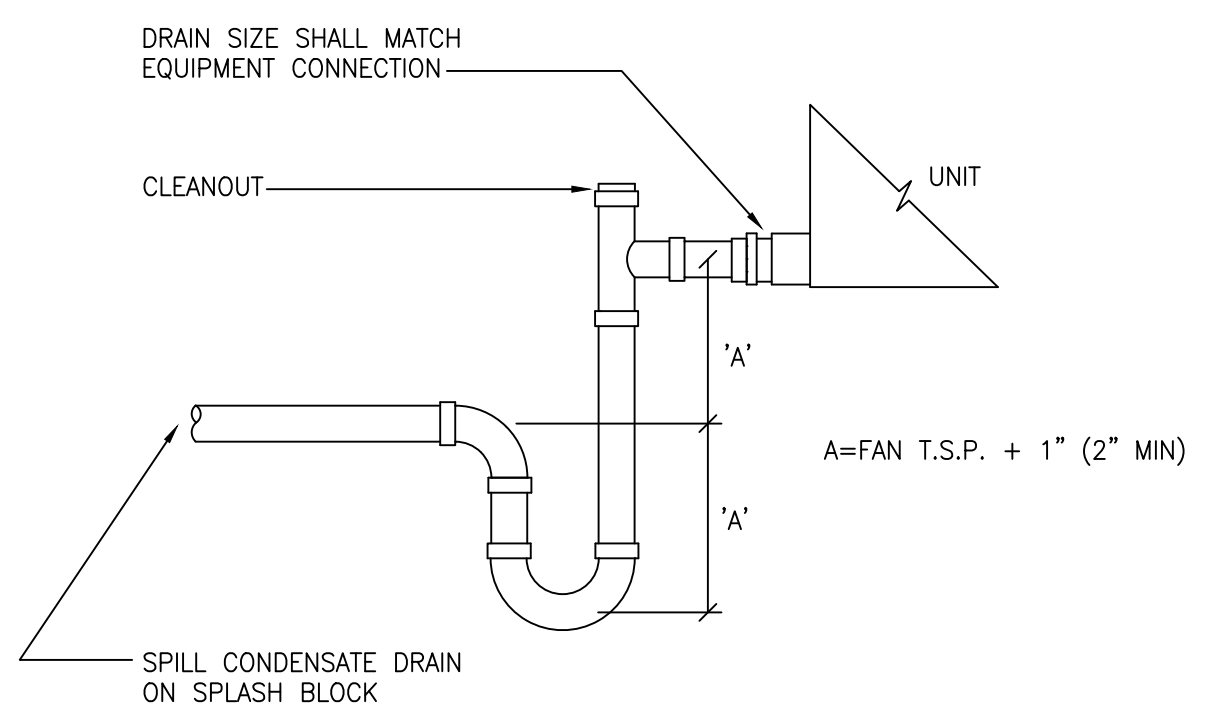


**2 AIR DEVICE CONNECTION**  
 H3.1 SCALE: NONE

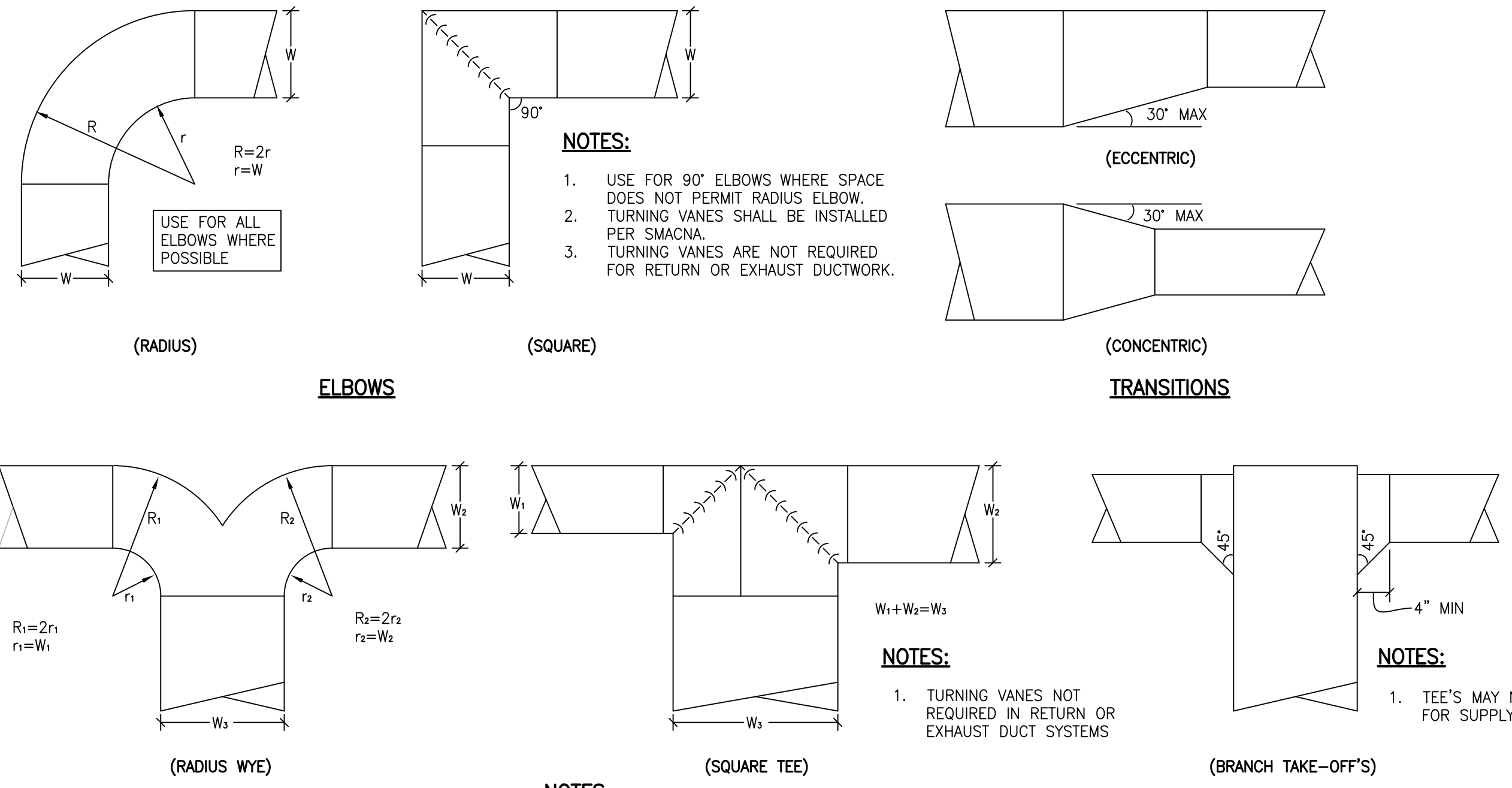


- NOTES:**
- SECURE RTU TO CURB PER MANUFACTURER'S RECOMMENDATIONS.
  - RTU OA INTAKE SHALL BE MINIMUM 10'-0" FROM ANY EXHAUST FAN DISCHARGE, PLUMBING VENT, ETC.

**3 ROOFTOP UNIT**  
 H3.1 SCALE: NONE



**4 CONDENSATE DRAIN**  
 H3.1 SCALE: NONE



**1 GENERAL DUCTWORK DETAILS**  
 H3.1 SCALE: NONE

- NOTES:**
- DETAILS ARE FOR GENERAL HVAC DUCTWORK ONLY, TYPE I KITCHEN EXHAUST DUCTWORK SHALL BE FABRICATED AND INSTALLED PER NFPA 96 AND CODE.

HVAC LEGEND		HVAC ABBREVIATIONS			
SYMBOL	DESCRIPTION	ABBREV.	DEFINITION	ABBREV.	DEFINITION
	EXISTING MECHANICAL CONSTRUCTION (CROSS HATCHED = TO BE REMOVED)	A/C	ABOVE CEILING	L&S	LOUVER AND SCREEN
	CONNECTION TO EXISTING CONSTRUCTION	AD	ACCESS DOOR	LAHJ	LOCAL AUTHORITY HAVING JURISDICTION
	AIR DEVICE TAG	AFF	ABOVE FINISHED FLOOR	LF	LINEAR FEET
	SUPPLY AIR DEVICE	B/F	BELOW FLOOR	MD	MANUAL DAMPER
	RETURN / EXHAUST AIR DEVICE	B/G	BELOW GRADE	MECH	MECHANICAL
	DUCTWORK, SIZED AS SPECIFIED (LINED WHERE NOTED/SPECIFIED)	BB	BASE BUILDING	MFGR	MANUFACTURER
	FLEXIBLE DUCT OR CONNECTOR	BD	BACKDRAFT DAMPER	MOD	MOTOR-OPERATED DAMPER
	DUCTWORK, SIZED AS SPECIFIED (LINED WHERE NOTED/SPECIFIED)	BLDG	BUILDING	MTD	MOUNTED
	DUCT OFFSET: (R)ISE, (D)ROP - ARROW SHOWS DIRECTION OF OFFSET.	CD	CONDENSATE DRAIN	N/A	NOT APPLICABLE
	FD = FIRE DAMPER	CF(H/M)	CUBIC FEET PER (HOUR / MINUTE)	NC	NOISE CRITERIA
	FSD = FIRE/SMOKE DAMPER	CLG	CEILING	NIC	NOT IN CONTRACT
	FD = FIRE DAMPER	CONC	CONCRETE	NOM	NOMINAL
	FSD = FIRE/SMOKE DAMPER	CONN	CONNECT(ION)	OA	OUTSIDE AIR
	MD = MANUAL DAMPER	CONT	CONTINUATION	OC	ON CENTERS
	MOD = MOTOR-OPERATED DAMPER	DIA	DIAMETER	OPNG	OPENING
	MOTOR-OPERATED DAMPER	DIV 15/16	DIVISION 15000 (MECH) / 16000 (ELEC)	PLBG	PLUMBING
	(T)HERMOSTAT, (H)UMIDISTAT	DN	DOWN	RA	RETURN AIR
		EA	EACH OF EXHAUST AIR	SA	SUPPLY AIR
		ELEC	ELECTRICAL	SF	SQUARE FEET
		EXH	EXHAUST	SQ	SQUARE
		EXIST	EXISTING	TBD	TO BE DETERMINED
		FA	FREE AREA	THRU	THROUGH
		FACP	FIRE ALARM CONTROL PANEL	T'STAT	THERMOSTAT
		FD	FIRE DAMPER	TYP	TYPICAL
		FLEX	FLEXIBLE	UNO	UNLESS NOTED OTHERWISE
		FLR	FLOOR	WC	WATER COLUMN
		FP	FIRE PROTECTION	WG	WATER GAUGE
		FSD	COMBINATION FIRE AND SMOKE DAMPER	XFER	TRANSFER

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05/09/24

REV. NO.	DATE	DESCRIPTION

PROJECT NO.: JMMC-452  
 DRAWN BY: JL  
 CHECKED BY: KM  
 ISSUE DATE:

P1.1

PLUMBING GENERAL

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	DOMESTIC COLD WATER PIPING
----	HOT WATER PIPING
-----	SANITARY OR WASTE PIPING
-----	VENT PIPING
---	GAS PIPING
⊙	CONNECTION TO EXISTING CONSTRUCTION
⊖	PRESSURE GAUGE
⊗	SHUT-OFF VALVE (TYPE AS SPECIFIED)
⊘	BALANCING VALVE (TYPE AS SPECIFIED)
⊚	PRESSURE REDUCING VALVE
⊛	CHECK VALVE
⊜	BACKFLOW PREVENTER
⊝	RELIEF VALVE
⊞	GAS COCK
⊟	STRAINER
⊠	UNION
⊡	PIPE REDUCER
⊢	PIPE END CAP
⊣	CLEANOUT
⊤	P-TRAP
⊥	CONTINUATION OF PIPING
⊦	YARD CLEAN OUT
⊧	GAS PRESSURE REGULATOR
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.	

PLUMBING ABBREVIATIONS	
ABBREV.	DEFINITION
AAV	AIR ADMITTANCE VALVE
A/C	ABOVE CEILING
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
B/F	BELOW FLOOR
B/G	BELOW GRADE
BTUH	BRITISH THERMAL UNITS PER HOUR
CO	CLEANOUT
CLG	CEILING
CONN	CONNECT(ION)
CONT	CONTINUATION
CW	DOMESTIC COLD WATER
DN	DOWN
EX	EXISTING
GW	GREASE WASTE
FD	FLOOR DRAIN
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
IE	INVERT ELEVATION
O/H	OVERHEAD
PLBG	PLUMBING
PRV	PRESSURE REDUCING VALVE
SAN OR S	SANITARY
TP	TRAP PRIMER
TYP	TYPICAL
V	VENT
W	WASTE
YCO	YARD CLEAN OUT
ALL ABBREVIATIONS MAY NOT APPEAR ON DRAWINGS.	

LANDLORD SCOPE	
THE FOLLOWING ITEMS ARE BY THE LANDLORD. THIS LIST IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL COORDINATE EXACT SCOPE OF LANDLORD WORK WITH FRANCHISEE AND WITH LANDLORD PRIOR TO BID.	
• AS-IS DELIVERY	

**PLUMBING FIXTURES AND EQUIPMENT**

MARK	FIXTURE TYPE	MANUFACTURER & MODEL NO.	FIXTURE CONNECTIONS				REMARKS
			CW	HW	W	V	
WC	WATER CLOSET, TANK BARRIER FREE	AMER. STD. "CADET"	1/2"	-	4"	2"	1.28 GPF, OPEN FRONT, WHITE SEAT BY CHURCH OR OLSONITE CHROME 3/8" ANGLE TYPE SUPPLY. FLUSH TRIP LEVER SHALL BE ON WIDE SIDE OF WATER CLOSET.
LAV	LAVATORY WALL-HUNG BARRIER FREE	AMER. STD. "LUCERNE"	1/2"	1/2"	2"	2"	DELTA MODEL NO.501-WF SINGLE HANDLE FAUCET, GRID STRAINER, & CONCEALED ARM SUPPORTS. 0.5 GPM FLOW RESTRICTOR, CHROME 17 GA. P-TRAP W/CHROME ANGLE TYPE SUPPLIES, AND TRUBRO TRAP WRAP KIT # 102W; WATTS ASSE 1070 MIXING VALVE SET TO 110°F OUTLET
MS	MOP SINK	E.L. MUSTEE #63M, 24"x24"	1/2"	1/2"	3"	2"	DELTA FAUCET #28T9, W/VAC. BREAKER, WALL BRACE, INTEGRAL STOPS. FINAL HOOK-UPS BY P.C. PROVIDE HOOKS OR HANG-UP BRACKETS AT THE UTILITY SINK FOR THE STORAGE OF MOPS AND BROOMS.
FD	FLOOR DRAIN	JONES STEPHENS #D53	-	-	2"	2"	BRASS GRATE; TRAP PRIMER CONNECTION WHERE REQUIRED; VANDAL-PROOF SCREWS
HD	HUB DRAIN	N/A	-	-	2"	2"	2"x3" REDUCER TO RECEIVE INDIRECT WASTE
FS	FLOOR SINK	JONES STEPHENS #S59-093	-	-	3"	2"	PVC BODY, 12"x12" TOP, 9"x9" HALF GRATE, FLAT BOTTOM STRAINER
FCO	FLOOR CLEAN OUT	JONES STEPHENS #C60	-	-	AS NOTED	-	PVC SPUD WITH 6" ROUND SCORATED TOP W/ POLISHED BRONZE FINISH, ADJUSTABLE TOP.
GI	GREASE INTERCEPTOR	SCHIER PRODUCTS GB2	-	-	AS NOTED	-	50 GPM, 127 LB GREASE CAPACITY, MOLDED POLYETHYLENE GREASE INTERCEPTOR; ASME #A112.14.3; GAS/WATER TIGHT ACCESS COVER; BUILT IN FLOW CONTROL AND INLET/OUTLET FLOW DIFFUSERS
HWRP	HOT WATER RECIRC PUMP	TACO 008	3/4	3/4	-	-	2 GPM @ 14 FT WC; 1/25 HP; 120V/1PH; 3250 RPM; ALL BRONZE; 230F/125 PSI RATED; CHK VALVE; POWER PUMP THROUGH PIPE-MTD THERMOSTAT (TEMP SETPOINT 104°F) AND 7-DAY PROGRAMMABLE TIMECLOCK W/2,500 HR CAPACITOR POWER BACKUP, EQUAL TO TACO "AQUASTAT" AND "OO DIGITAL TIMER"
WH-1,2	INSTANTANEOUS WATER HEATER, CONDENSING, DIRECT VENT	RINNAI CU199i	3/4"	3/4"	-	-	COMMERCIAL CONDENSING, DIRECT VENTED, TANKLESS WATER HEATER; NATURAL GAS; 199 MBH INPUT; 0.96 ENERGY FACTOR; 3.8 GPM AT 100F RISE; WALL-MTD COMMERCIAL CONTROLLER (98-185F USER ADJUSTABLE) SET TO 140F; 0.4 GPM ACTIVATION; 0.26 GPM MIN; 120V/1PH; GROUNDED CORDSET; CONCENTRIC VENT AND COMBUSTION AIR PIPE, FITTINGS AND ROOF TERMINATION.

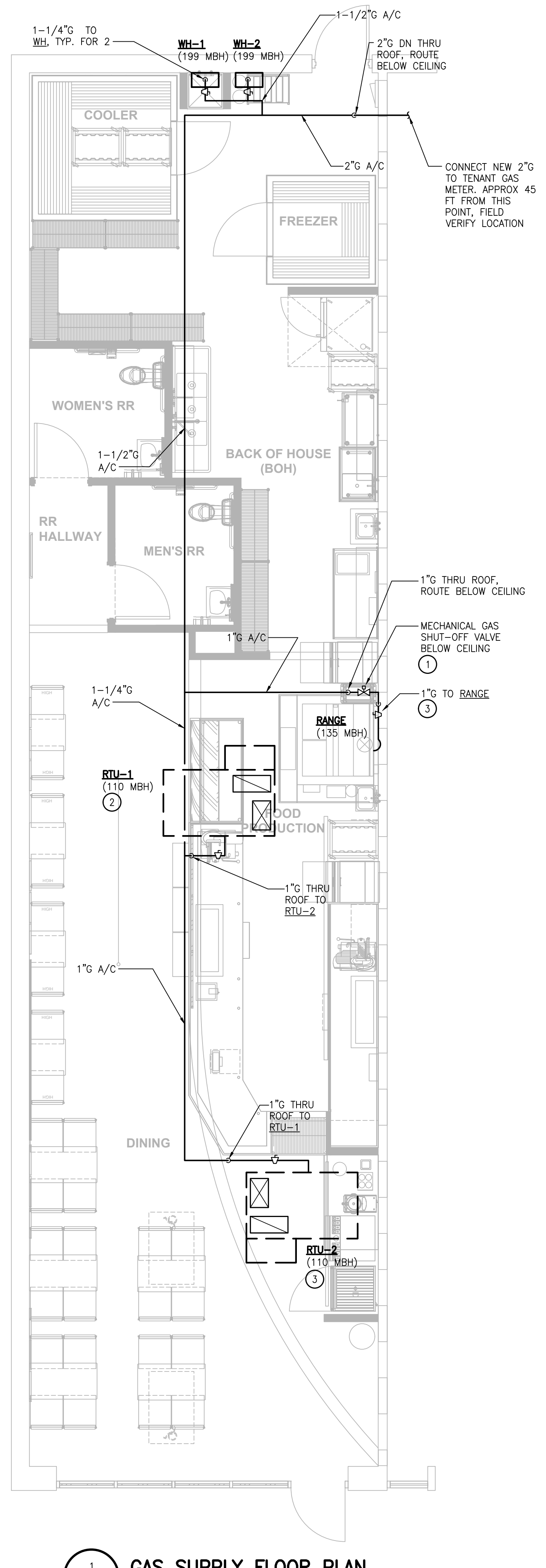
**PLUMBING GENERAL NOTES**

- FIXTURES AND EQUIPMENT ARE INDICATED ON PLUMBING SHEETS FOR GENERAL REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL FIXTURES AND EQUIPMENT. KITCHEN FIXTURES AND EQUIPMENT ARE SCHEDULED ON ARCHITECTURAL DRAWINGS.
- ALL WORK SHALL BE BY LICENSED PLUMBER AND IN ACCORDANCE WITH APPLICABLE CODES.
- PLUMBING WATER (COLD AND HOT, 110°F & 140°F) PIPING UP TO 1" SHALL BE TYPE B PEX (WHERE APPROVED BY AUTHORITY HAVING JURISDICTION) WITH BRASS FITTINGS AND CRIMPED JOINTS, 100 PSIG RATED. PLUMBING PIPING 1-1/4" AND LARGER SHALL BE SCHEDULE 40 CPVC WITH SOLVENT WELD JOINTS. INSULATE HOT WATER PIPING CONTINUOUSLY WITH ELASTOMERIC FOAM PIPE INSULATION (1" FOR HW AND HWR) EXCEPT WHERE OTHERWISE SPECIFIED, PROVIDE CONTINUOUS SEAL AROUND ALL SEAMS AND JOINTS WITH INSULATION MANUFACTURER'S SEALING COMPOUND. PROVIDE 1/4"-TURN BALL STOP VALVES AT FINAL CONNECTION TO FIXTURES, APPLIANCES, OR EQUIPMENT. ALL MATERIALS SHALL BE APPROVED FOR DOMESTIC WATER (POTABLE) SERVICE.
- SANITARY DRAINAGE AND VENT PIPING SHALL BE DWV PVC WITH SOLVENT WELD JOINTS. PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT MINIMUM 2 PERCENT, PIPING 3" AND LARGER SHALL BE SLOPED AT MINIMUM 1 PERCENT. DRAIN PIPING UPSTREAM OF GREASE TRAP/INTERCEPTOR SHALL BE SLOPED AT MINIMUM 2 PERCENT, REGARDLESS OF PIPE SIZE. PROVIDE DRAINAGE PATTERN FITTINGS.
- GAS PIPING SHALL BE SCHEDULE 40 STEEL, ASTM A53, WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS. PIPING CONCEALED BEHIND WALLS OR BELOW SLAB SHALL HAVE ALL WELDED JOINTS. PIPING WHICH IS SUBJECT TO WEATHER SHALL BE CLEANED, PRIMED AND PAINTED WITH 2 COATS EXTERIOR GRADE, UV-RESISTANT PAINT.
- TRAP PRIMERS SHALL BE PROVIDED FOR ALL FLOOR DRAINS AND HUB DRAINS, EXCEPT WHERE DRAIN RECEIVES A CONTINUOUS DISCHARGE AND WHERE AHJ APPROVES INSTALLATION WITHOUT TRAP PRIMER.
- WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF BUILDING INSULATION ASSEMBLY.
- PROVIDE SIGN DIRECTING ALL EMPLOYEES TO WASH HANDS.
- SEAL AROUND EDGES OF ALL WALL-MOUNTED FIXTURES WITH APPROVED CAULK/SEALING COMPOUND.
- WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION AND ALL APPLICABLE LOCAL ORDINANCES.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., AND PAY ALL INCIDENTAL FEES, AS REQUIRED TO OBTAIN A PERMIT AND A PERMANENT CERTIFICATE OF OCCUPANCY.
- WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS. CONFLICTS WHICH ARISE DUE TO LACK OF PROPER COORDINATION SHALL BE CORRECTED AT THE CONTRACTOR'S COST.
- DESIGN INDICATED IS SCHEMATIC AND MAY NOT REFLECT ALL CONSTRAINTS IMPOSED BY ACTUAL PROJECT CONDITIONS. CONTRACTOR SHALL VISIT SITE AND REVIEW CONSTRUCTION DOCUMENTS (INCLUDING ALL TRADES) TO FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BID. CONTRACTOR'S BID SHALL INCLUDE ANY AND ALL COSTS REQUIRED TO REWORK THE DESIGN TO FIT WITHIN THE PHYSICAL CONSTRAINTS WHILE ACHIEVING THE OVERALL DESIGN INTENT.
- THE BASIS-OF-DESIGN PRODUCTS WERE USED TO DETERMINE DIMENSIONS, INSTALLATION AND ACCESS CLEARANCES, SUPPORTS, ELECTRICAL SERVICE, CONNECTION ARRANGEMENTS, ETC. WHERE ALTERNATE PRODUCTS ARE PROVIDED, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIREMENTS AND RECTIFY ANY CONFLICTS AT THE CONTRACTOR'S COST.
- ALL WORK SHALL BE INSTALLED TO AVOID CONFLICT WITH ELECTRICAL EQUIPMENT "DEDICATED SPACE" AS REQUIRED BY NEC AND LOCAL ORDINANCES. COORDINATE LOCATIONS OF ALL ELECTRICAL GEAR (DISTRIBUTION PANELS, TRANSFORMERS, SWITCHGEAR, ETC.) WITH ELECTRICAL CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL EQUIPMENT AND DEVICES WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING.
- ALL MATERIALS AND EQUIPMENT SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING. CONTRACTOR ASSUMES LIABILITY AND COSTS FOR ANY PRODUCT WHICH IS ORDERED PRIOR TO RECEIPT OF APPROVED SUBMITTALS.
- ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. ADDITIONAL WARRANTY SHALL APPLY WHERE SPECIFIED.
- EQUIPMENT START-UP AND COMMISSIONING SHALL BE PERFORMED BY FACTORY-AUTHORIZED AGENTS ONLY. SUBMIT WRITTEN START-UP PROCEDURES TO OWNER FOR APPROVAL PRIOR TO PERFORMANCE OF START-UP ACTIVITIES. FINAL REPORTS SHALL BE APPROVED BY OWNER.
- ALL PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED WITH UL-LISTED SYSTEM APPROVED FOR THE APPLICATION.
- FLASH AND SEAL ALL PENETRATIONS OF BUILDING EXTERIOR, WALLS AND ROOF WITH APPROVED SEALANT.
- ALL WORK INSTALLED WITHIN HVAC PLENUMS SHALL BE PLENUM RATED (25/50 FLAME SPREAD/SMOKE DEVELOPED) AND, WHERE REQUIRED BY THE LAHJ, SHALL BE NON-COMBUSTIBLE.
- ALL EQUIPMENT SHALL BE NEW EXCEPT FOR EQUIPMENT SPECIFICALLY NOTED AS EXISTING TO REMAIN. CONTRACTOR SHALL TEST EXISTING EQUIPMENT FOR PROPER OPERATION AND REPORT CONDITION TO OWNER. ALL UNREPORTED EQUIPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED IF NOT FUNCTIONAL AT THE DATE OF BENEFICIAL OCCUPANCY. NEW EQUIPMENT SHALL BE UL OR ETL LISTED AND LABELED. GAS-FIRED EQUIPMENT SHALL ALSO BE AGA OR CSA LISTED AND LABELED. INSTALL ALL EQUIPMENT PER THESE DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, AND CODE REQUIREMENTS FOR SPECIFIC APPLICATION.
- EXCEPT WHERE SPECIFIED OTHERWISE, MECHANICAL CONTRACTOR SHALL PROVIDE STARTERS AND ELECTRICAL DISCONNECTS FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- PROVIDE PERMANENT LABELS FOR ALL EQUIPMENT, CONTROLS, AND PIPING.
- PROVIDE PRESSURE REDUCING VALVE IF LINE PRESSURE EXCEEDS 80 PSI, SET TO 60 PSI.
- REMOVE ALL INACTIVE PLUMBING BACK TO ACTIVE MAINS, CAP, SEAL, AND INSULATE TO MATCH EXISTING.
- PLUMBING FIXTURES ARE EXISTING TO REMAIN EXCEPT WHERE NOTED OTHERWISE, THOROUGHLY CLEAN TO LIKE-NEW APPEARANCE AND SERVICE VALVES, DRAINS AND FAUCETS TO ENSURE PROPER OPERATION.
- SUPPORT ALL PIPING AS REQUIRED PER CODE AND MSS SP-69. RESTRAIN PIPING AGAINST LONGITUDINAL AND LATERAL MOVEMENT. SUPPORTS SHALL BE SECURED TO SUBSTANTIAL BUILDING STRUCTURE ONLY. DO NOT SUPPORT FROM OTHER PIPING, DUCTWORK, EQUIPMENT, OR CONDUIT. EXTERIOR SUPPORT SYSTEMS (STRUTS, CLAMPS, BOLTS AND HARDWARE) SHALL BE STAINLESS STEEL.
  - SECURE WALL-MOUNTED PIPING WITH STEEL STRUT CHANNELS WITH PIPE CLAMPS, SECURE TO MASONRY WALL WITH EXPANSION ANCHORS OR DIRECTLY TO WALL FRAMING STUDS.
  - SUPPORT SUSPENDED PIPING BY J-HOOK HANGERS, CLEVIS HANGERS, OR STEEL STRUT SUPPORT CHANNELS WITH PIPE CLAMPS.
  - SUPPORT VERTICAL PIPING AT 5FT CENTERS WITH STEEL STRUT CHANNELS SECURED TO ROOF STRUCTURE, WALLS, OR FLOOR.
  - SECURE HANGERS FROM ROOF STRUCTURE, WALLS, OR FLOOR.
  - PROVIDE DIELECTRIC BUSHING AT HANGERS FOR ALL COPPER PIPES.
- ALL PIPING BELOW ADA FIXTURES SHALL BE INSULATED WITH HANDI-LAV GUARD MODELS 102 AND 105 INSULATION KITS.

GAS LOAD AND SIZING SUMMARY:	
<b>1. LOAD SUMMARY:</b>	
SPACE HEATING (RTU-1,2)	= 220 MBH
WATER HEATING (WH-1,2)	= 398 MBH
COOKING (RANGE)	= 135 MBH
TOTAL	= 753 MBH
<b>2. PIPE SIZING SUMMARY:</b>	
• 7" W.C. INLET PRESSURE	
• 0.5" W.C. PRESSURE DROP	
• 125 FT TOTAL EQUIV. LENGTH	
• IFGC TABLE 402.4(2) SCHEDULE 40 METALLIC PIPE IS USED.	
<b>3. CONTRACTOR TO VERIFY PRESSURE AND PIPING LENGTHS ON SITE AND ADJUST PIPE SIZES IN ACCORDANCE WITH IFGC CHAPTER 4.</b>	

- GENERAL NOTES:**
- VERIFY GAS SERVICE PRESSURE. IF HIGHER THAN 7"W.C., PROVIDE VENTLESS PRESSURE REGULATOR AT EACH APPLIANCE, SET OUTLET PRESSURE PER APPLIANCE MANUFACTURER'S INSTRUCTIONS.
- KEYED NOTES:**
- MECHANICAL GAS SHUT-OFF VALVE BELOW CEILING, INTERLOCK TO HOOD FP SYSTEM & EXHAUST FAN PER IFGC TO DISABLE GAS WHEN THE FP SYSTEM ACTIVATES. GAS VALVE SHALL BE FULL SIZE OF LINE.
  - PROVIDE GAS COCK, SEDIMENT TRAP, AND UNION AT CONNECTION TO EQUIPMENT. SEDIMENT TRAP SHALL BE INSTALLED AFTER THE GAS COCK, AS CLOSE TO THE UNION CONNECTION AS PRACTICAL, AND SHALL HAVE A REMOVABLE CAP FOR CLEANING.
  - PROVIDE GAS COCK, SEDIMENT TRAP, AND FLEXIBLE CONNECTION TO RANGE. SEDIMENT TRAP SHALL BE INSTALLED AFTER THE GAS COCK AND SHALL HAVE REMOVABLE CAP FOR CLEANING.

- FIRE PROTECTION GENERAL NOTES**
- CONTRACTOR SHALL CONFIGURE FIRE PROTECTION SYSTEM PER NFPA 13, GOVERNING CODE, AND SUPPLEMENTAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
  - ALL DRAWINGS AND SUPPORTING CALCULATIONS REQUIRED BY THE AUTHORITY HAVING JURISDICTION SHALL BE PROVIDED BY THE CONTRACTOR AND SIGNED AND SEALED BY CONTRACTOR'S REGISTERED PROFESSIONAL ENGINEER OR CERTIFIED FIRE SPRINKLER CONTRACTOR.
  - ALL SPRINKLER PIPING SHALL BE ROUTED AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH DUCTWORK AND OTHER CONSTRUCTION, AND TO MAINTAIN MINIMUM CLEAR CEILING HEIGHTS INDICATED ON ARCHITECTURAL DRAWINGS.
  - SPRINKLER PIPING SHALL BE SCHEDULE 40 STEEL WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS. ALL SYSTEM MATERIALS SHALL BE UL LISTED AND FM APPROVED FOR FIRE PROTECTION SERVICE.
  - SPRINKLER HEADS IN CEILINGS SHALL BE SEMI-RECESSED WITH CHROME-PLATED ESCUTCHEON. SPRINKLER HEADS IN OPEN AREAS WITHOUT CEILINGS SHALL BE UPRIGHT TYPE.
  - SPRINKLER HEADS SHALL BE PROVIDED ON BOTH SIDES OF THE MENU BOARD.



**1 GAS SUPPLY FLOOR PLAN**  
 P1.1 SCALE: 1/4" = 1'-0"

THE CONTENTS OF THIS DRAWING WILL REMAIN THE PROPERTY OF TEDROW DESIGN GROUP. ITS CONTENTS, INCLUDING ALL INFORMATION, SHALL NOT BE REPRODUCED USING ANY MEANS WITHOUT EXPRESS WRITTEN CONSENT AND/OR PERMISSION FROM TEDROW DESIGN GROUP.



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JERSEY MIKE'S SUBS  
 THE SQUARE AT LILLINGTON  
 NC HWY 210  
 LILLINGTON, NC 27546



05/09/24

REV. NO.	DATE	DESCRIPTION

PROJECT NO. JMMC-152  
 DRAWN BY: JL  
 CHECKED BY: KM  
 ISSUE DATE:

PLUMBING PLANS & RISER

P1.2

**GENERAL NOTES:**

- CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BID.
- COORDINATE ALL MECHANICAL CONSTRUCTION WITH OTHER TRADES TO AVOID CONFLICTS.
- CONFIRM LOCATIONS OF ALL EXISTING UTILITIES AND ADJUST ROUTING OF TENANT SYSTEMS AS REQUIRED.
- EXISTING PLUMBING SERVICES (COLD WATER, HOT WATER, WASTE AND VENT) WHICH ARE NOT TO BE REUSED SHALL BE REMOVED BACK TO ACTIVE MAINS AND CAPPED. THERE SHALL BE NO "DEAD ENDS" LEFT IN PIPING SYSTEMS.
- FLOOR SINKS SHALL BE SET AT LEADING EDGE OF FIXTURE/EQUIPMENT SERVED TO FACILITATE INSPECTION AND CLEANING.

**LANDLORD SCOPE**

THE FOLLOWING ITEMS ARE BY THE LANDLORD. THIS LIST IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL COORDINATE EXACT SCOPE OF LANDLORD WORK WITH FRANCHISEE AND WITH LANDLORD PRIOR TO BID.

- AS-IS DELIVERY

**GREASE TRAP SIZING**

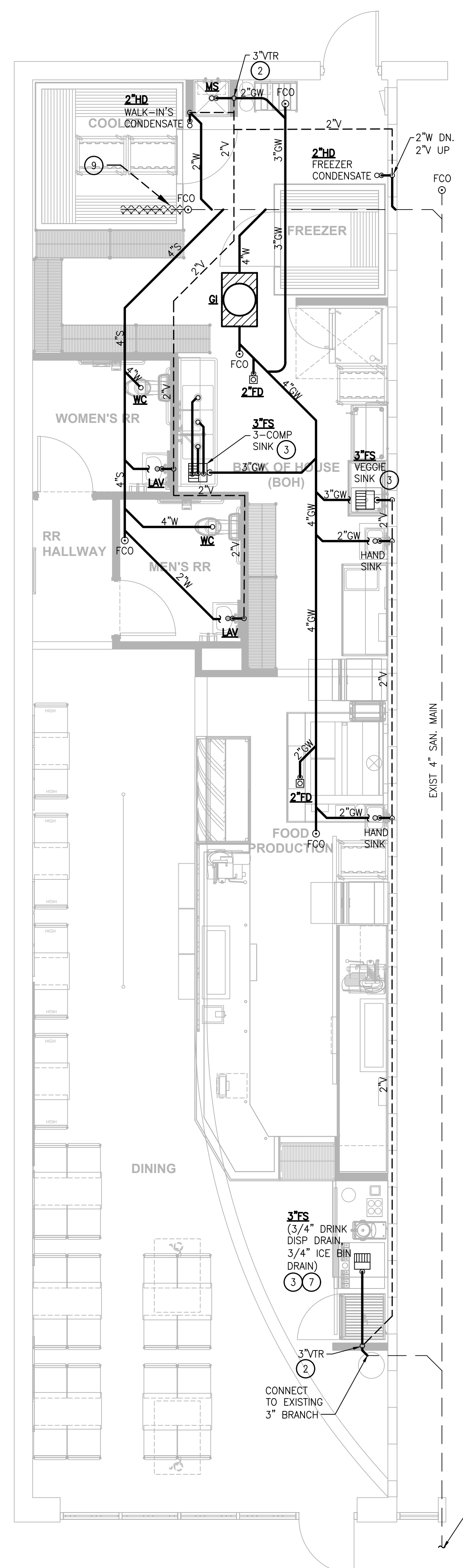
GIVEN:

- ONE (1) THREE-COMPARTMENT SINK:  
 16"x20"x14" x3 = 7.8 CU. FT. = 58.5 GAL  
 ASSUME 75% FULL = 58.5 GAL x .75 = 43.8 GAL  
 ASSUME 2 MINUTE DRAIN TIME  
 MIN. FLOW RATING = 43.8 GAL / 2 MIN = **21.9 GPM**
- ONE (1) ONE-COMPARTMENT SINK:  
 16"x20"x14" x1 = 2.6 CU. FT. = 19.4 GAL  
 ASSUME 75% FULL = 19.4 GAL x .75 = 14.5 GAL  
 ASSUME 2 MINUTE DRAIN TIME  
 MIN. FLOW RATING = 14.5 GAL / 2 MIN = **7.3 GPM**
- ONE (1) MOP SINK: 5 GPM ALLOWANCE = **5.0 GPM**
- TWO (2) HAND SINKS: 2 GPM EACH = **4.0 GPM**
- TWO (2) FLOOR DRAINS: 0 GPM EACH = **0 GPM**

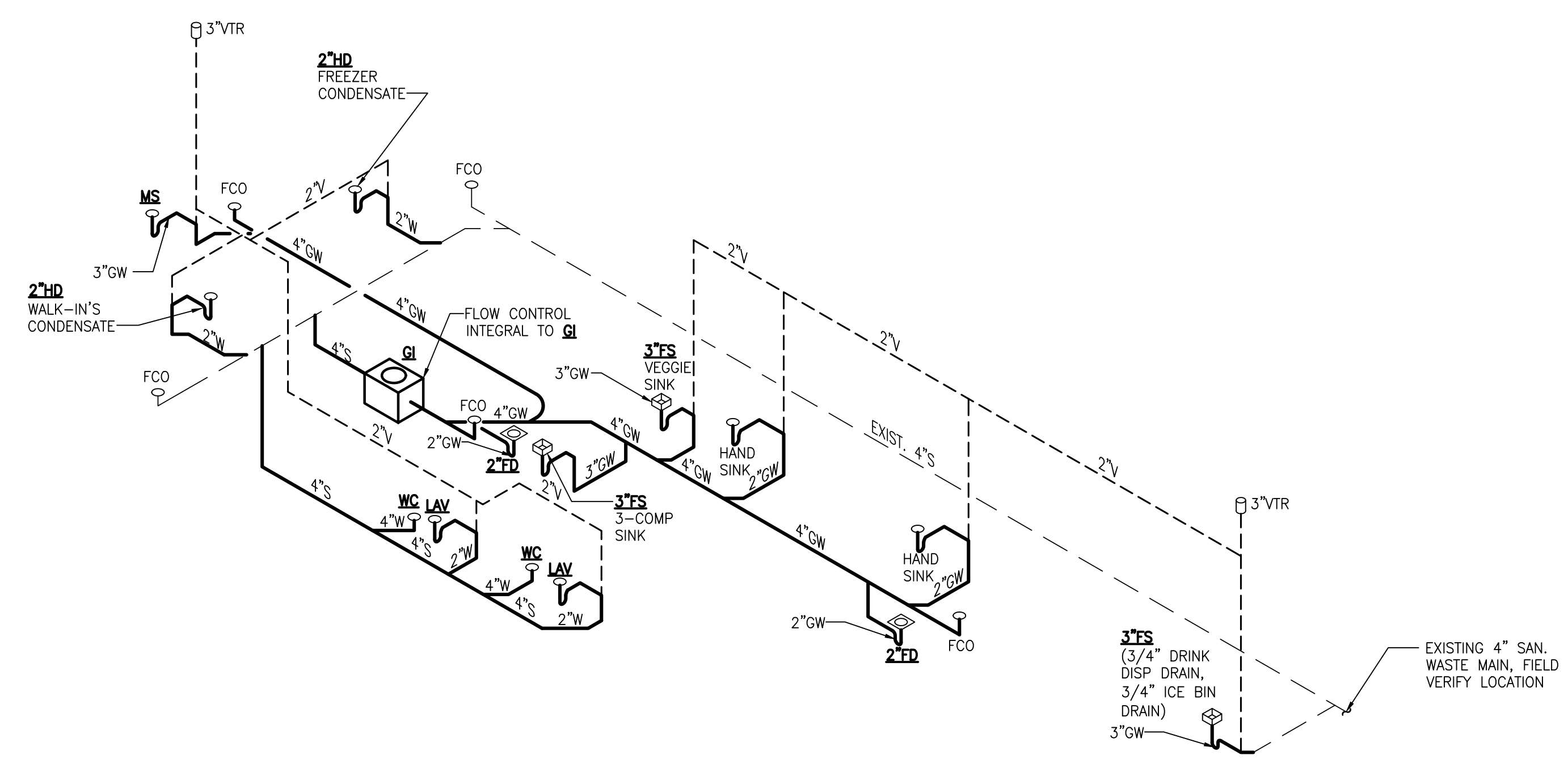
TOTAL DESIGN LOAD = **38.2 GPM**  
 GREASE INTERCEPTOR RATED FOR **50 GPM**

**KEYED NOTES:**

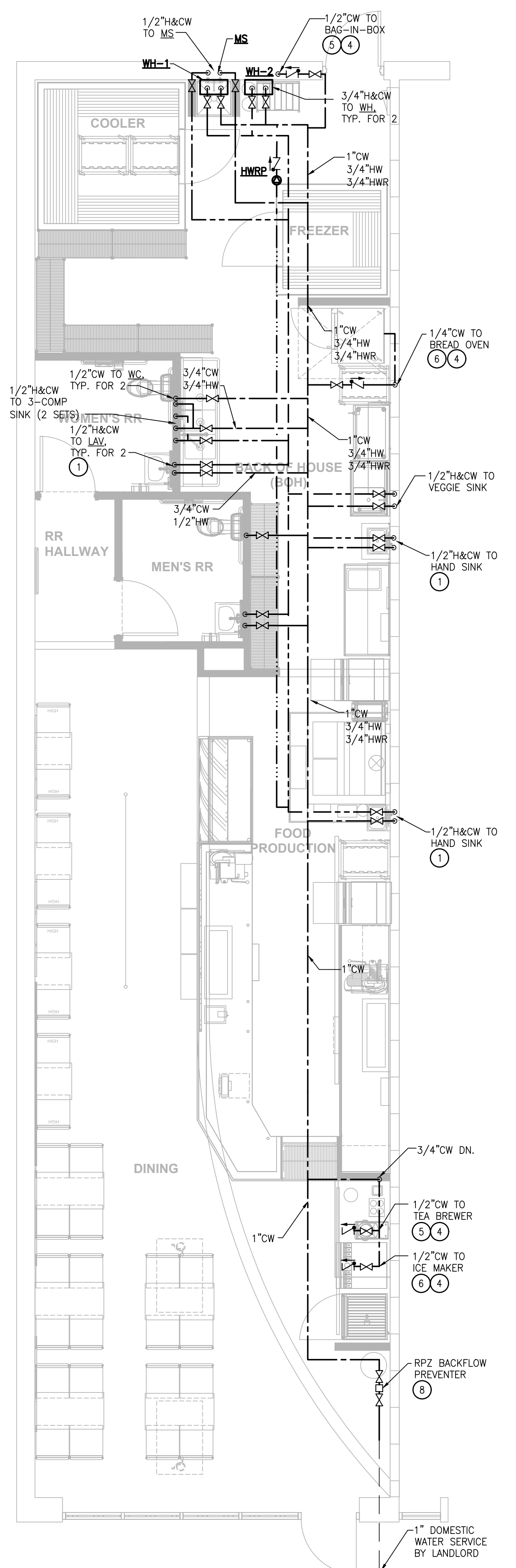
- PROVIDE ASSE 1070 TEMPERING VALVE, SET TO 110°F OUTLET, AT EACH LAVATORY AND HAND SINK.
- VENTS SHALL BE MIN 10'-0" FROM ANY OUTDOOR AIR INTAKE.
- ROUTE FIXTURE/EQUIPMENT DRAIN TO HUB DRAIN (HD) OR FLOOR SINK (FS) AS INDICATED, TERMINATE WITH 45-DEGREE CUT END AND AIR GAP MINIMUM 2 PIPE DIAMETERS.
- PROVIDE WATER HAMMER ARRESTOR.
- PROVIDE ASSE 1022 BACKFLOW PREVENTER.
- PROVIDE ASSE 1012 BACKFLOW PREVENTER.
- AT OWNER'S OPTION, IF APPROVED BY AHJ, HUB DRAIN MAY BE PROVIDED IN LIEU OF FLOOR SINK FOR INDIRECT WASTE.
- COORDINATE LOCATION OF RPZ BACKFLOW PREVENTER WITH AUTHORITY HAVING JURISDICTION. PIPE FULL SIZE RELIEF OUTSIDE, SPILL ON GRADE.
- PROVIDE FCO FOR EXIST. SAN. LINE, LOCATE OUTSIDE WALK-IN COOLER FOOTPRINT.



**1 PLUMBING DRAINAGE FLOOR PLAN**  
 P1.2 SCALE: 1/4" = 1'-0"



**3 DRAINAGE RISER DIAGRAM**  
 P1.2 SCALE: NONE



**2 PLUMBING WATER SUPPLY FLOOR PLAN**  
 P1.2 SCALE: 1/4" = 1'-0"

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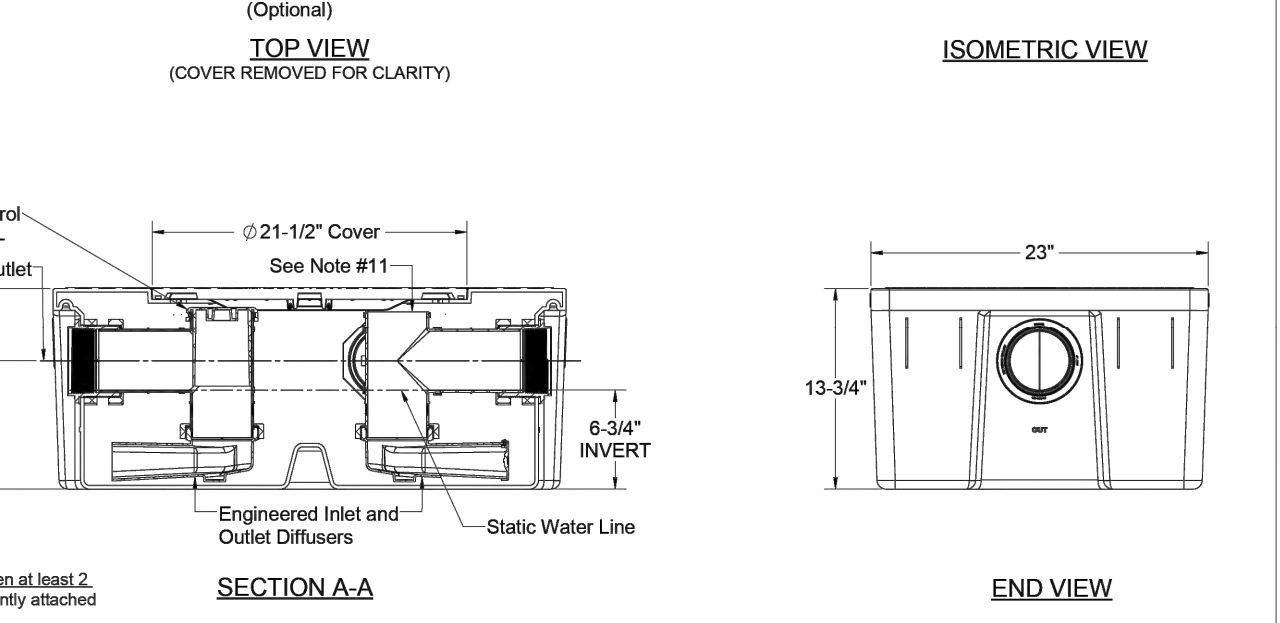
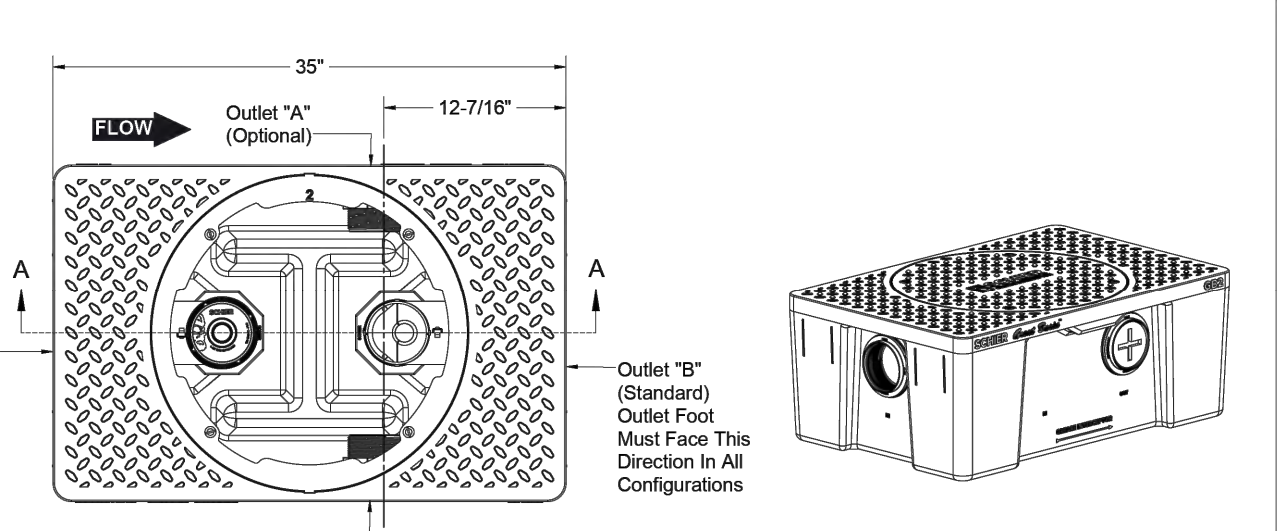
REV. NO.	DATE	DESCRIPTION

PROJECT NO.: JMC-152  
 DRAWN BY: JL  
 CHECKED BY: KM  
 ISSUE DATE: \_\_\_\_\_

PLUMBING DETAILS

P1.3

- SPECIFICATIONS**
- 4" FPT inlet/outlet with 3" and 4" plain end fittings.
  - Unit weight - 49 lbs. (wet weight 216 lbs.)
  - Maximum operating temperature: 150° F continuous
  - Capacities - Liquid: 20 gal.  
 Grease: 130 lbs. (17.3 gal.) @35 GPM  
 Grease: 127 lbs. (17.3 gal.) @50 GPM  
 Grease (99% - at least 2 units in series): 180 lbs. (24.7 gal.) @35 GPM  
 Solids: 1.8 gal.
  - Built-in flow control.
  - For gravity drainage applications only.
  - Do not use for pressure applications.
  - Cover placement allows full access to tank for proper maintenance.
  - Vent not required unless per local code.
  - Engineered inlet and outlet diffusers are removable to inspect/clean piping.
  - Integral air relief / anti-siphon.
  - Designed for indoor, on-floor, below-grade or low-profile under sink installations.



**ENGINEER SPECIFICATION GUIDE**  
 Schier Great Basin™ grease interceptor model # GB2 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene with minimum 5/16" uniform wall thickness. Interceptor shall be furnished for above or below grade installation. Interceptor shall be certified to ASME A112.14.3 (type C) and CSA B481.1, with field cut riser system, built-in flow control and three outlet options. Interceptor flow rate shall be 35 or 50 GPM. Interceptor grease capacity shall be 130 lbs. @ 35 GPM or 127 lbs. @ 50 GPM. Cover shall provide water/gas-tight seal and have minimum 450 lbs. load capacity.

**CERTIFIED PERFORMANCE**  
 Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code, the National Standard Plumbing Code, the National Plumbing Code of Canada, and the International Plumbing Code.

**MIAMI-DADE COUNTY** Satisfies Miami DERM 99% efficiency requirements at least 2 units and installed in series. Product labels are permanently attached to inside and outside of unit for easy viewing.

**SPECIFICATION SHEET**

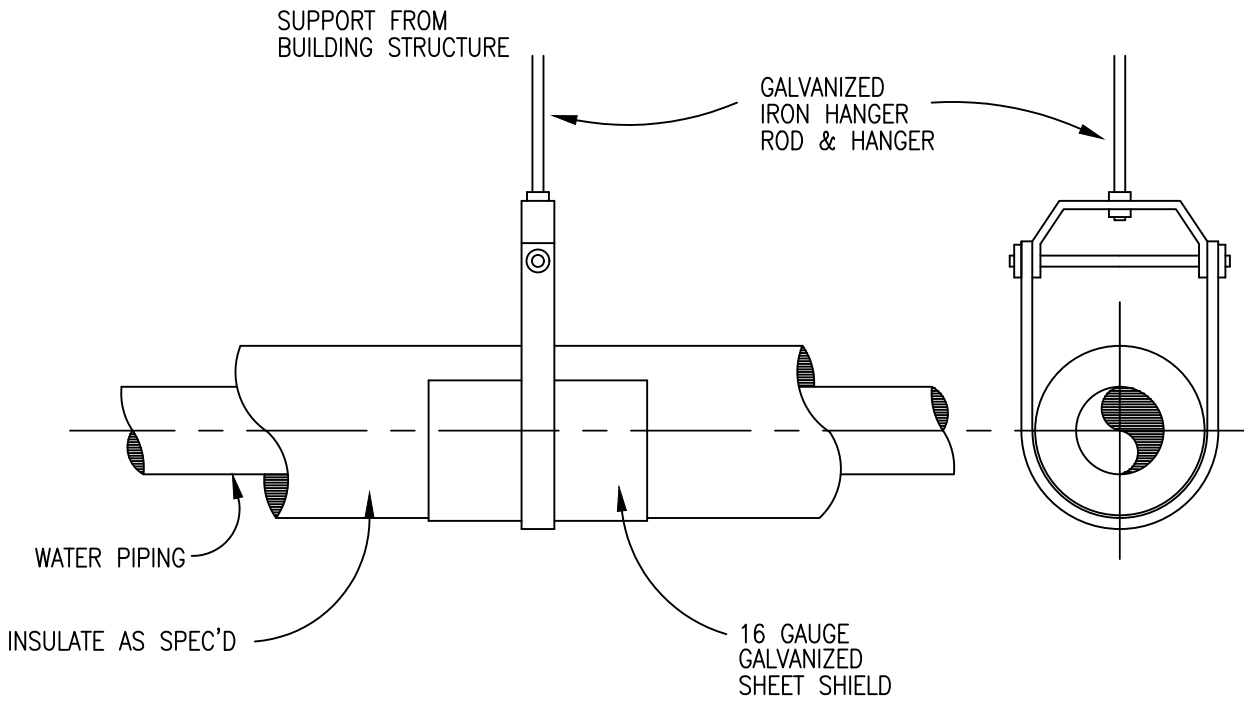
MODEL NUMBER: **GB2** PART NUMBER: 4065-001-05

DESCRIPTION: GB2 GREASE INTERCEPTOR 35 GPM / 50 GPM, 4" FPT INLET/OUTLET, WITH 3" AND 4" PLAIN END FITTING ADAPTERS AND PEDESTRIAN RATED COVER

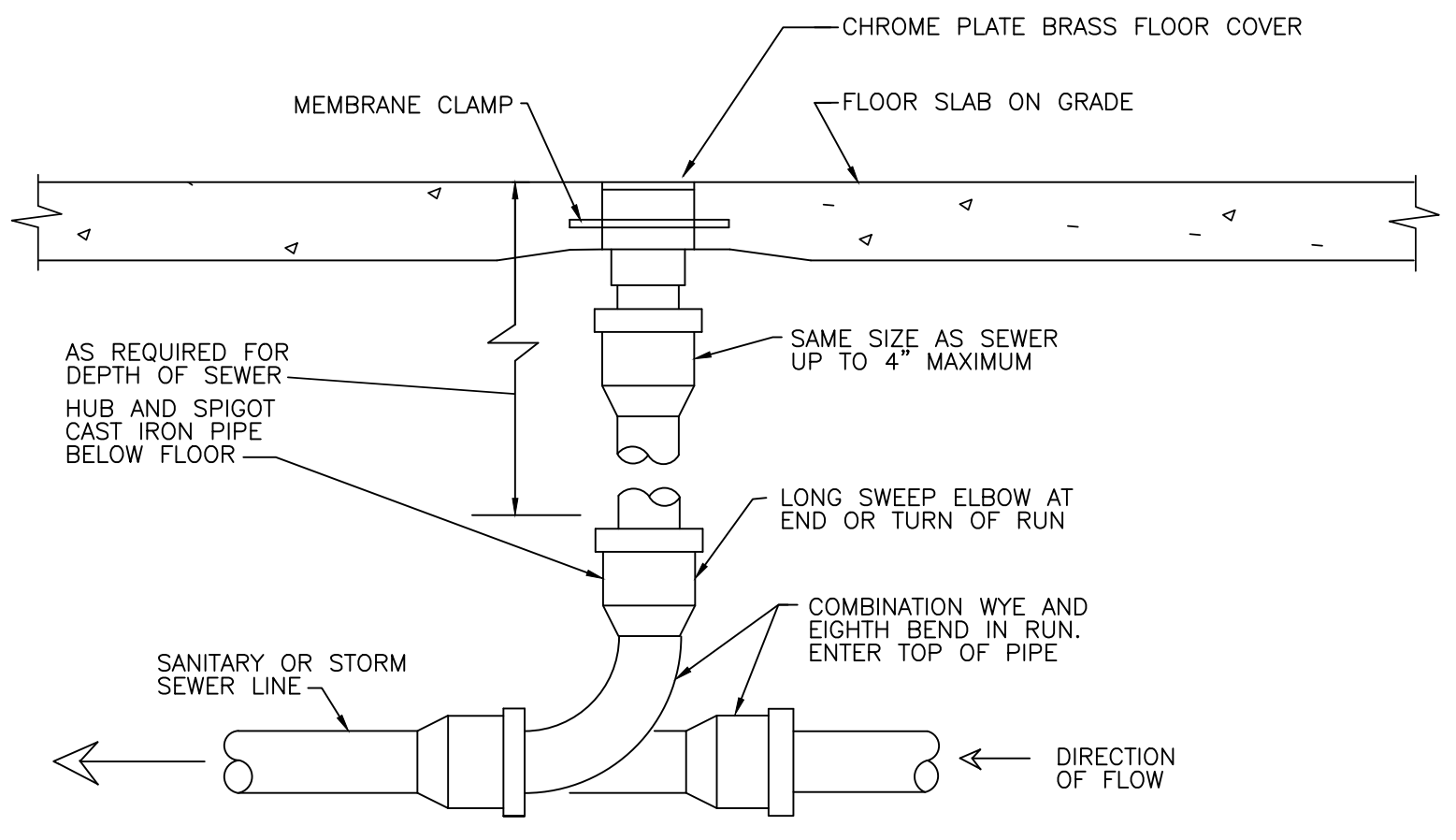
DWG BY: C.SINCLAIR DATE: 5/5/2022 REV: ECO:

6465 Woodland Dr  
 Shawnee, NC 28158  
 Tel: 919-961-3300  
 Fax: 919-961-3399  
 schierproducts.com

**1 GREASE INTERCEPTOR**  
 P1.3 SCALE: NONE

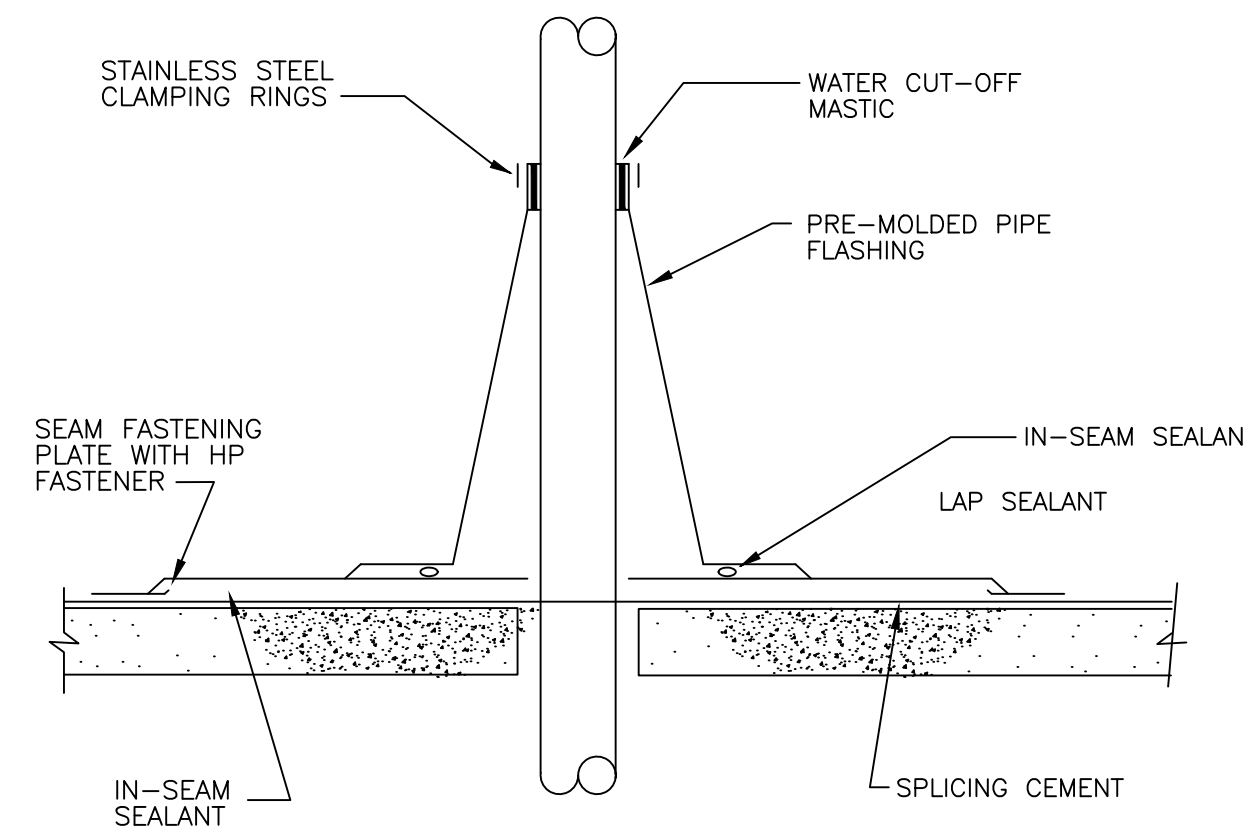


**2 GENERAL PIPING HANGERS**  
 P1.3 SCALE: NONE

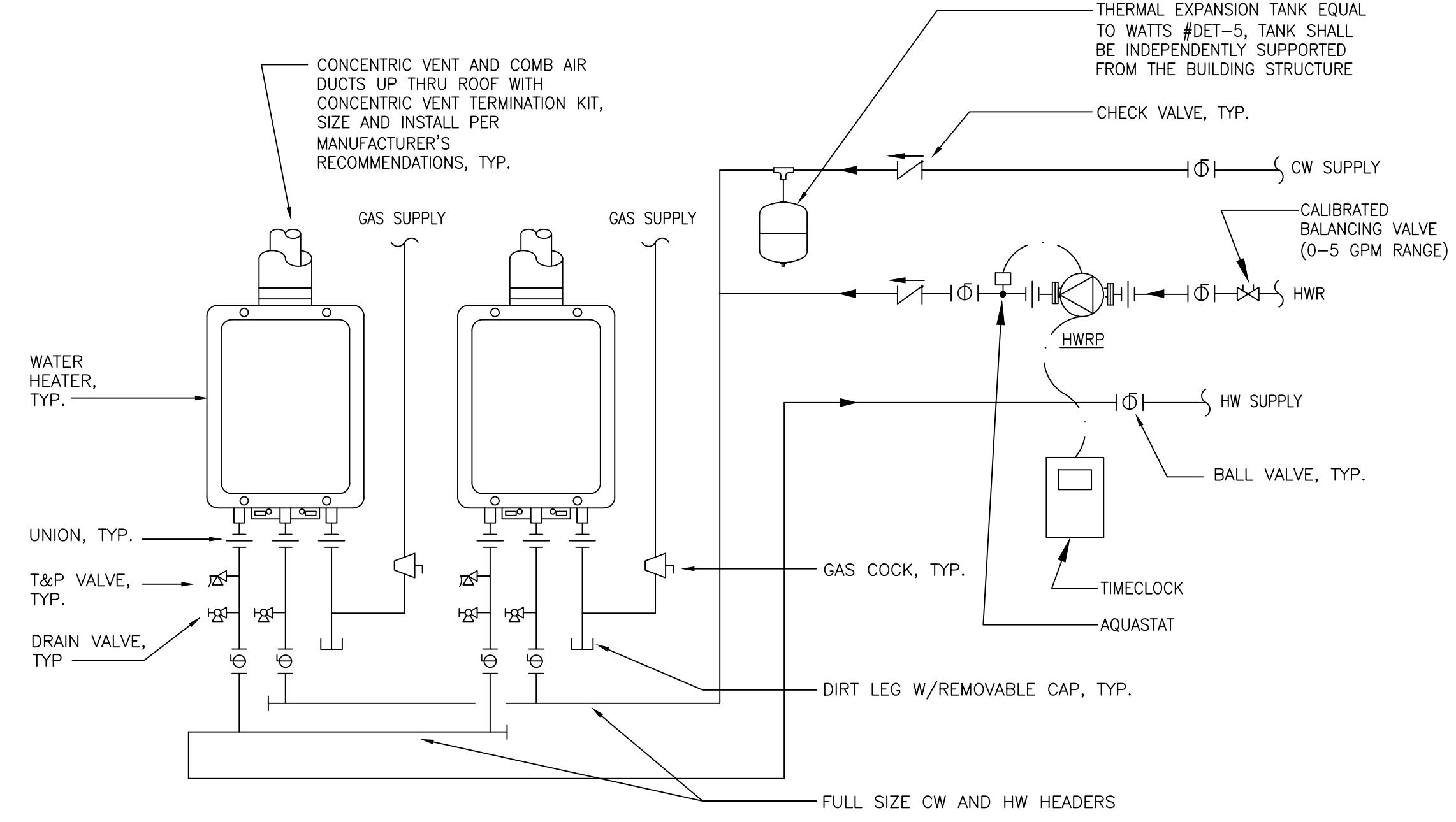


**3 FLOOR CLEANOUT**  
 P1.3 SCALE: NONE

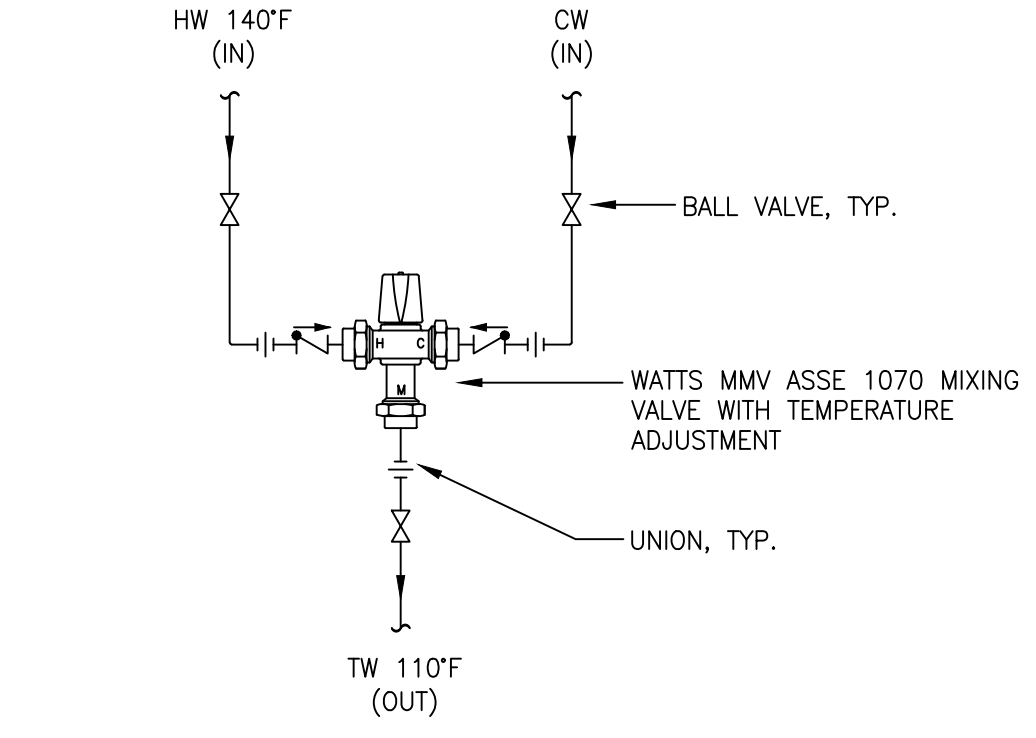
LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. CONSULT LOCAL CODES FOR OTHER FCQ REQUIREMENTS.



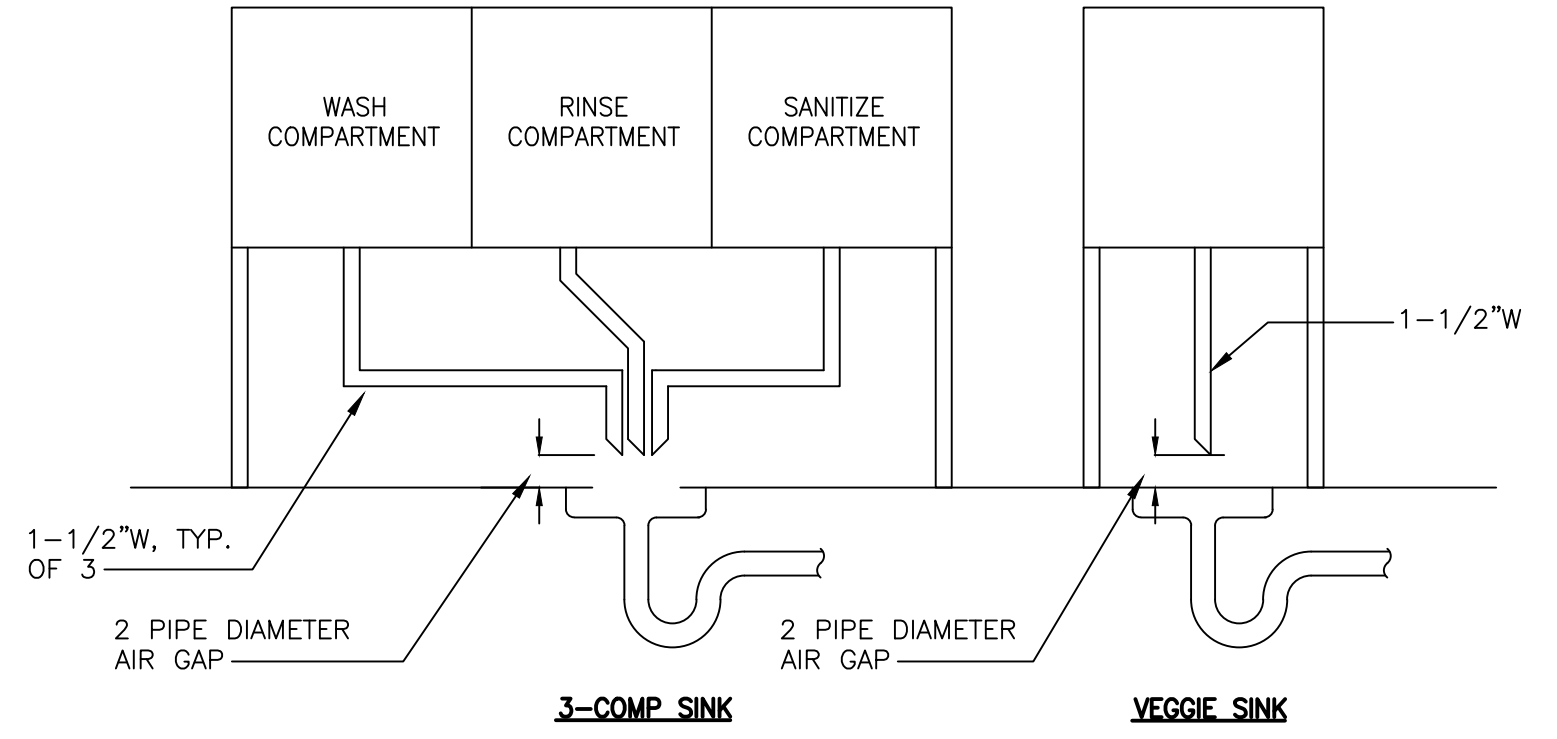
**5 VENT THRU ROOF**  
 P1.3 SCALE: NONE



**4 TANKLESS WATER HEATERS**  
 P1.3 SCALE: NONE



**6 THERMOSTATIC MIXING VALVE**  
 P1.3 SCALE: NONE



**7 INDIRECT WASTE DETAILS**  
 P1.3 SCALE: NONE



- DIVISION 16  
ELECTRICAL
- 16010 GENERAL PROVISIONS
  - 16012 CODES AND STANDARDS
  - 16020 ELECTRICAL SYSTEMS SCHEDULE
  - 16030 TESTS
  - 16100 BASIC METHODS AND MATERIALS
  - 16110 RACEWAYS
  - 16120 CONDUCTORS
  - 16130 OUTLET BOXES AND DEVICES
  - 16134 PANELBOARDS AND MAIN DISTRIBUTION
  - 16150 MOTOR AND MOTOR CONTROLS
  - 16190 SUPPORTING DEVICES
  - 16450 GROUNDING
  - 16480 FEEDER CIRCUITS
  - 16485 BRANCH CIRCUITS
  - 16500 LIGHTING - INTERIOR
  - 16600 SPECIAL SYSTEMS - COMPUTER (P.O.S. SYSTEM)
  - 16700 SOUND SYSTEMS
  - 16740 TELEPHONE
  - 16900 CONTROLS AND INSTRUMENTATION

DIVISION 16 ELECTRICAL

- 16010 GENERAL PROVISIONS
- .01 EXCEPT WHERE PORTIONS OF THESE SPECIFICATIONS ARE MORE EXACTING, WORK OF THIS DIVISION SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE GENERAL SCOPE OF WORK. BEFORE SUBMITTING PROPOSAL, EXAMINE ALL DRAWINGS RELATING TO THIS WORK, VERIFY ALL GOVERNING CONDITIONS AT THE SITE, DETERMINE EXACT EXTENT OF WORK REQUIRED FOR THE LOCAL UTILITY COMPANIES; BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK REQUIRED AND ITS RELATION TO WORK OF OTHER TRADES. NO CONSIDERATION WILL BE GRANTED FOR ANY ALLEGED MISUNDERSTANDINGS OF THE MATERIALS TO BE FURNISHED OR WORK TO BE DONE, IT BEING UNDERSTOOD THAT THE SUBMISSION OF A PROPOSAL IS AN AGREEMENT TO ALL CONDITIONS REFERRED TO HEREIN OR INDICATED ON THE DRAWINGS.
- .02 REVIEW THE DRAWINGS AND SPECIFICATIONS OF ALL TRADES, PARTICULARLY THOSE SECTIONS DESCRIBING ELECTRICALLY OPERATED EQUIPMENT AND BECOME FAMILIAR WITH WORK CALLED UPON THEREIN TO DO. AT THE CONCLUSION OF THE WORK, BE RESPONSIBLE FOR THE PROPER WIRING AND FUNCTIONING OF ALL ELECTRICALLY OPERATED EQUIPMENT FURNISHED AND/OR INSTALLED UNDER THIS CONTRACT.
- .03 NO EXTRA COMPENSATION WILL BE PAID FOR CONDITIONS EXISTING BEFORE THE CONTRACT IS SIGNED. THIS INCLUDES BOTH EXISTING SITE CONDITIONS AND ARCHITECTURAL CONDITIONS OF THE NEW BUILDING.
- .04 THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR HIS WORK UNDER THE CONTRACT, AND SHALL PAY ALL EXPENSES IN CONNECTION THEREWITH. HE SHALL BE RESPONSIBLE FOR ALL NOTICE TO THE INSTALLATION AUTHORITIES AND TO THE ARCHITECT/ENGINEER SO THAT THE WORK MAY BE INSPECTED BEFORE COVERING. THE CONTRACTOR SHALL FURNISH OWNER WITH CERTIFICATES OF INSPECTION.
- .05 NO DEVIATION FROM DRAWING AND/OR SPECIFICATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM ARCHITECT/ENGINEER.
- .06 ALL PERMIT FEES, TEMPORARY SERVICE, INSPECTION FEES AND OTHER REQUIREMENTS SHALL BE PAID AND COMPLETED BY THE ELECTRICAL CONTRACTOR. EVIDENCE OF COMPLETION WILL BE APPARENT PRIOR TO FINAL ACCEPTANCE OF WORK. ALL CERTIFICATES SHALL BE FORWARDED TO OWNER.
- .07 THE WORK OF THIS CONTRACTOR SHALL CONSIST OF FURNISHING EVERYTHING NECESSARY FOR A COMPLETE OPERATING ELECTRICAL SYSTEM IN STRICT ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. IT INCLUDES ALL SUCH WORK WHETHER LISTED UNDER ANY OTHER DOCUMENT FORMING A PART OF THE SPECIFICATION AND CONTRACT. HIS WORK, IN THE MAIN, SHALL INCLUDE, BUT IS NOT RESTRICTED TO, THE FOLLOWING ITEMS.
- A. FURNISHING A TEMPORARY SERVICE FOR THE USE OF ALL TRADES DURING CONSTRUCTION, AS REQUIRED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PAY UTILITY USE COSTS UP TO TIME OF OCCUPANCY.
- B. FURNISHING A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM FOR LIGHT AND POWER, FROM POINT OF SERVICE THROUGH DISTRIBUTION SYSTEM TO PANELS, AND TO ALL OUTLETS, EQUIPMENT AND DEVICES AS INDICATED ON THE DRAWINGS.
- C. ELECTRICAL CONNECTIONS FOR OTHER TRADES.
- D. CONNECTION OF ALL MOTORS, STARTERS, CONTROLS, PILOT DEVICES OR DISCONNECTS, WHETHER FURNISHED BY THIS CONTRACTOR, OWNER, OTHER SUBCONTRACTOR OR OTHER PARTIES SUCH AS EQUIPMENT SUPPLIERS.
- E. ALL ELECTRICAL WORK INCIDENTAL TO OTHER TRADES FOR A COMPLETE WORKING INSTALLATION OF THEIR ELECTRICALLY DRIVEN EQUIPMENT.
- F. FURNISHING AND INSTALLING ALL CONDUCTORS AND RACEWAYS FOR ELECTRICAL EQUIPMENT.
- G. FURNISHING, INSTALLING AND LAMPING OF ALL FLOODLIGHTS, FLOODLIGHT POLES AND LIGHTING FIXTURES AS SCHEDULED ON THE DRAWINGS AND IN ACCORDANCE WITH ARCHITECTURAL DETAILS. FURNISHING ALL LAMPS, FLUORESCENT, H.I.D., AND INCANDESCENT.
- H. CONNECTING OF ALL AIR CONDITIONING, HEATING, PUMPING, VENTILATION AND EXHAUST FAN CONTROLS AS SPECIFICALLY CALLED FOR ON THE DRAWINGS AND SPECIFIED HEREIN.
- I. TEMPORARY AND EMERGENCY WIRING AS REQUIRED.
- J. FURNISHING AND INSTALLING ALL AUXILIARY AND COMMUNICATION SYSTEMS AS INDICATED ON THE DRAWINGS.
- K. FURNISHING AND INSTALLING ALL PANELS, METERS, ETC., AS SHOWN ON THE DRAWINGS.
- L. FURNISH AND INSTALL TRANSFORMERS FOR ALL EQUIPMENT WHETHER FURNISHED BY THIS CONTRACTOR, THE OWNER, OR OTHER PARTIES, WHERE SUCH EQUIPMENT HAS A VOLTAGE RATING UNSUITABLE TO THE SYSTEM IN WHICH IT IS APPLIED.
- M. SHOP DRAWINGS: SUBMIT, AT ONE TIME, SHOP AND DETAIL DRAWINGS, FACTORY CERTIFIED PRINTS AND MATERIALS LISTS FOR THE FOLLOWING ITEMS: PANELBOARDS, SAFETY SWITCHES WIRING DEVICES, LIGHTING FIXTURES. ALL SUBMITTALS MUST BE IDENTIFIED BY SPECIFICATION SECTION AND PARAGRAPH NUMBER AND/OR DRAWING NUMBER AND SCHEDULED NUMBER AND NAME ALONG WITH THE MANUFACTURER'S NAME.

- N. MANUALS AND CHARTS: FURNISH OWNER ALL OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS, LITERATURE AND INFORMATION PERTAINING TO ALL EQUIPMENT.
- 16012 CODES AND STANDARDS
- .01 THE WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. NOTHING CONTAINED IN THESE SPECIFICATIONS OR DRAWINGS SHALL BE SO CONSTRUED AS TO CONFLICT WITH ANY LOCAL, MUNICIPAL, STATE, UTILITY COMPANY AND NATIONAL BOARD OF FIRE UNDERWRITERS REGULATIONS GOVERNING THE INSTALLATION OF THE WORK SPECIFIED HEREIN. ALL SUCH LAWS, ORDINANCES, AND REGULATIONS, WHERE THEY APPLY TO THIS WORK, ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS. ALL SUCH REQUIREMENTS SHALL BE SATISFIED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 16020 ELECTRICAL SYSTEMS SCHEDULE
- .01 REFER TO THE DRAWINGS FOR AIR CONDITIONING WIRING DIAGRAM, PANEL BOARD SCHEDULE, RISER DIAGRAM, EQUIPMENT SCHEDULE, ELECTRICAL SYSTEMS REQUIREMENTS, ETC.
- 16030 TESTS
- .01 PROVIDE ALL NECESSARY INSTRUMENTS AND SPECIAL APPARATUS TO CONDUCT ANY TEST THAT MAY BE REQUIRED TO INSURE THE SYSTEM IS FREE OF ALL IMPROPER GROUNDS AND SHORT CIRCUITS AND THAT ALL FEEDERS ARE PROPERLY BALANCED. THE SYSTEM INSTALLED SHALL BE CHECKED FOR QUALITY, CAPACITY, AND COMPLETENESS TO CONFORM WITH THE FULL REQUIREMENTS AND INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- 16100 BASIC METHODS AND MATERIALS
- .01 ELECTRICAL MATERIALS, APPLIANCES, EQUIPMENT DEVICES FOR WHICH THERE ARE UNDERWRITER'S LABORATORIES STANDARD REQUIREMENTS SHALL HAVE LABELS ATTACHED TO INDICATE COMPLIANCE WITH THOSE REQUIREMENTS. WHERE MATERIALS DO NOT BEAR SUCH A LABEL, CERTIFICATE OF COMPLIANCE SHALL BE FURNISHED.
- .02 ALL MATERIALS SHALL BE NEW AND OF FIRST QUALITY, FREE OF DEFECTS.
- .03 SUBMIT MANUFACTURER'S DATA AND CATALOG CUTS ON ALL ITEMS INCLUDED IN THIS SECTION PRIOR TO COMMENCING WORK.
- 16110 RACEWAYS
- .01 ALL CONDUCTORS SHALL BE CONTAINED IN RACEWAYS.
- .02 ALL CONDUIT RACEWAYS IN OR BELOW FLOOR SLAB AND RUN BELOW EXTERIOR FINISHED GRADE SHALL BE P.V.C. EXCEPT FOR ELLS AND RISERS WHICH SHALL BE RIGID GALVANIZED CONDUIT. CONDUIT RISERS SHALL RUN UP 6" ABOVE GROUND FLOOR SLAB WHEN CONCEALED AND 48" ABOVE GROUND FLOOR SLAB WHEN EXPOSED ON WALL. ALL RIGID GALVANIZED CONDUIT RUN BELOW SLAB OR FINISHED EXTERIOR GRADE SHALL BE PAINTED WITH TWO (2) COATS OF BITUMASTIC PAINT. THIS PAINTING SHALL BE APPLIED TO CONDUIT UP TO A POINT 2" ABOVE FLOOR SLAB. CONDUITS RUN BELOW FLOOR SLAB SHALL HAVE A MINIMUM COVER OF 12" AND THOSE RUN BELOW EXTERIOR FINISHED GRADE SHALL HAVE A MINIMUM COVER OF 24" IN NON-VEHICLE TRAFFIC AREAS AND 30" IN VEHICLE TRAFFIC AREAS. INSTALLATION OF P.V.C. CONDUIT IN TRENCHES SHALL HAVE 2" OF CLEAN SAND FILL ALL AROUND THEN BACKFILL TRENCH WITH FINE BACKFILL (NO ROCKS LARGER THAN 1/4" DIAMETER). CONTRACTOR SHALL FILL EXTERIOR TRENCHES TO WITHIN 6" OF TOP (FINISHED GRADE) THEN LAY A YELLOW RIBBON TAPE (USED IN INDUSTRY FOR THIS PURPOSE) ALONG TRENCH, THEN FINISH BACKFILL.
- .03 RIGID CONDUIT SHALL BE HOT-DIPPED GALVANIZED, INCLUDING THREADS. P.V.C. SHALL BE SCHEDULE 40.
- .04 FLEXIBLE METALLIC CONDUIT (GREENFIELD) SHALL BE USED FOR ALL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT, BUT IN LENGTHS NOT TO EXCEED LAST 18" OF RUN. P.V.C. JACKETTED FLEXIBLE METAL CONDUIT SHALL BE USED IN ALL EXPOSED LOCATIONS.
- .05 ELECTRICAL METALLIC TUBING (EMT) MAY BE USED FOR ALL PURPOSES EXCEPT AS INDICATED ABOVE. ALL FITTINGS SHALL BE STEEL.
- .06 ALL RACEWAYS SHALL BE RUN CONCEALED IN FINISHED AREAS UNLESS NOTED.
- .07 WHERE EXPOSED RACEWAYS ARE ALLOWED OR INDICATED, THEY SHALL PRESENT A NEAT APPEARANCE, AND ALL RUNS BOTH EXPOSED AND CONCEALED SHALL BE PARALLEL OR PERPENDICULAR TO THE BUILDING LINES AND TO EACH OTHER WITHOUT INTERFERENCE WITH OTHER TRADES OR EQUIPMENT. SUPPORTS TO BE ONE (1) HOLE CAST STRAPS, KINDORF OR EQUAL SURFACE OR TRAPEZ HANGERS, SPLIT HANGERS WITH APPROPRIATE RUD HANGERS AND FITTINGS. NO PERFORATED STRAP IRON.
- .08 ALL RACEWAYS SHALL LAY FLAT TO RUNNING SURFACES AND SHALL BE OFFSET WHERE ENTERING BOXES, ETC.
- .09 DURING CONSTRUCTION, ALL OPEN ENDS OF CONDUIT SHALL BE KEPT PLUGGED OR CAPPED. USE T&B 1470 SERIES PLUGS.
- 16120 CONDUCTORS
- .01 ALL CONDUCTORS SHALL BE MINIMUM 98 % CONDUCTIVITY COPPER.
- .02 ALL WIRE AND CABLE SHALL HAVE INSULATION TYPE AS LISTED BELOW.
- .03 ALL BRANCH CIRCUIT AND FEEDER WIRING SHALL BE COLOR CODED THROUGHOUT. (SEE GENERAL NOTES ON DRAWINGS)
- .04 NO WIRE SMALLER THAN #12 SHALL BE USED EXCEPT FOR CONTROL WIRING.
- .05 BRANCH CIRCUIT RUNS LONGER THAN 100 FEET FROM PANEL TO FIRST OUTLET SHALL BE RUN WITH #10 WIRE.
- .06 ALL INSULATION SHALL BE RATED FOR 600V UNLESS OTHERWISE NOTED.
- .07 PARTICULAR CARE SHALL BE EXERCISED IN THE JOINING OF THE BRANCH CIRCUIT COMMON NEUTRALS.
- .08 CONDUCTOR TYPES:
- A. COMBINATION TYPE "THHN/THWN" FOR GENERAL USE.
  - B. TYPE "THW" FOR THE USE IN ALL SIZES #6 AND ABOVE.
  - C. BRANCH CIRCUIT WIRE MAY BE RUN IN FIXTURE CHANNELS (FLOOR).

- D. ALUMINUM CONDUCTORS NOT ALLOWED ON THIS PROJECT.
- .09 CONDUCTOR INSTALLATION SIZES:
- A. SIZES SHOWN ON DRAWINGS ARE MINIMUM AND SHALL NOT BE DECREASED UNDER ANY CIRCUMSTANCES.
  - B. CHANGES IN EQUIPMENT FURNISHED BY OTHERS MAY REQUIRE CHANGES IN CONDUCTOR SIZES; IN SUCH CASE, THE CONTRACTOR SHALL NOTIFY THE OWNER.
  - C. BRANCH CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CONDUCTOR SIZES SHALL BE AS NOTED IN THE EQUIPMENT SCHEDULES AND/OR PANEL LISTINGS.
  - D. CONDUCTORS USED FOR WIRING OF MOTOR CONTROLS MAY BE #14 AWG UNLESS NOTED ON PLANS.
- .10 CONDUCTORS INSTALLATION JOINTS:
- A. JOINTS: BRANCH CIRCUIT SPLICES SHALL UTILIZE (SCOTCH LOKS) WIRE NUTS.
  - B. NO JOINTS OR TAPS WILL BE ALLOWED IN FEEDER RUNS, EXCEPT IN JUNCTION OR PULL BOXES.
  - C. ALL FEEDER SPLICES AND TERMINATION SHALL BE MADE MECHANICALLY USING COMPRESSION TYPE SLEEVES OR LUGS AND CONNECTION TO PANELS AND SWITCHES. BURNDY OR T&B (HYPRESS) EQUIPMENT IS APPROVED - HYLINK - HYUG.
  - D. INSULATION RESISTANCE OF JOINTS SHALL BE EQUAL TO OR GREATER THAN THAT OF THE CONDUCTORS JOINED - COVERING SHALL BE SCOTCH #33 TAPE OVER HALF-LAPPED COVERING OF RUBBER TAPE.
- .11 CONDUCTORS INSTALLATION METHODS:
- A. NO CONDUCTORS SHALL BE INSTALLED UNTIL ALL ROUGH WORK BY OTHER TRADES IS IN PLACE AND ROOF DECKS ARE IN PLACE.
  - B. AT EACH OUTLET, A LOOP OF WIRE NOT LESS THAN 8 INCHES IN LENGTH SHALL BE LEFT FOR CONNECTION TO FIXTURES AND/OR OTHER DEVICES.
  - C. ALL CONDUCTORS SHALL BE CONTAINED IN RACEWAYS.
  - D. ALL RACEWAYS SHALL BE THOROUGHLY SWABBED OUT TO REMOVE MOISTURE BEFORE WIRE OR CABLES ARE DRAWN INTO PLACE.
- .12 UNDERSLAB SERVICE: ELECTRICAL CONDUIT PASSING BELOW THE "DINING ROOM" TO THE EXTERIOR SHALL BE SPACED OR PLACED LOW ENOUGH IN THE CONCRETE FLOOR SLAB TO AVOID DAMAGE BY CORE DRILLING FOR SEATING INSTALLATION. SEE INTERIOR DESIGN DRAWINGS.
- .13 ALL P.V.C. CONDUITS SHALL CONTAIN ALL GREEN EQUIPMENT GROUND WIRE AS PER N.E.C.
- 16130 OUTLET BOXES AND DEVICES
- .01 ALL WIRING DEVICES SHALL BE FURNISHED IN ACCORDANCE WITH DRAWINGS. SWITCH PLATES ARE TO BE PLASTIC WITH FINISH TO MATCH DEVICE EXCEPT STAINLESS STEEL SHALL BE USED IN RESTROOMS (WOMEN'S AND MEN'S), KITCHEN, & SIMILAR AREAS.
- .02 OUTLET BOXES SHALL BE GALVANIZED STAMPED STEEL, FOUR (4) INCHES SQUARE, 1-1/2 INCHES DEEP, STEEL CITY #52151 FOR GENERAL USE. LARGER BOXES SHALL BE USED WHERE REQUIRED TO PREVENT UNDUE CROWDING OF WIRES. CONDUIT TYPE GANGABLE BOXES STEEL CITY "G" SHALL BE USED FOR MULTIPLE SWITCH ASSEMBLIES. SIZE AND DEPTH SHALL BE AS REQUIRED BY NATIONAL ELECTRIC CODE AND AS REQUIRED BY THE SPECIFIC DEVICES. BOX COVERS AND PLASTER RINGS ARE TO BE USED WHERE REQUIRED TO INSURE ASSEMBLY FINISHING FLUSH WITH SURFACE AREA.
- A. WHERE EXPOSED WIRING IS DONE, CROUSE-HINDS FS BOXES WITH DS SERIES COVERS SHALL BE USED WHERE EXPOSED TO WEATHER, OTHERWISE FOUR (4) INCH BOXES AND FINISH COVERS.
  - B. SIZES SHOWN ABOVE ARE MINIMUM ONLY AND SHALL BE INCREASED WHERE NECESSARY DUE TO THE SIZE OF THE DEVICES TO BE CONTAINED.
  - C. SYMBOLS ON DRAWINGS INDICATE APPROXIMATE LOCATIONS ONLY UNLESS EXACT LOCATIONS ARE SPECIFIED ON THE PLANS. VERIFY LOCATIONS WITH ARCHITECTURAL DETAILS.
  - D. PROPERLY CENTER OUTLETS IN PANELING OR OTHER ARCHITECTURAL FEATURES AS INDICATED ON THE ARCHITECTURAL PLANS.
  - E. CLEAR TRIM AND CORNERS BY A MINIMUM OF FOUR (4) INCHES WHERE POSSIBLE.
  - F. MOUNT ALL BOXES SO THAT COVERS AND PLATES WILL MOUNT FLUSH WITH THE WALLS AND CEILING FINISHED PANELS.
  - G. FURNISH AND INSTALL PLASTER RINGS WHERE REQUIRED. FURNISH SURFACE COVERS, FOR EXPOSED WORK.
  - H. ALL FIXTURE OUTLETS SHALL BE EQUIPPED WITH "NO-BOLT" TYPE OF FIXTURE STUDS OF SUFFICIENT SIZE TO SUPPORT THE FIXTURE AND/OR DEVICE LOADS.
  - I. FIXTURE HANGING SYSTEMS TO BE ALL METALLIC.
  - J. CLOSE ALL OUTLETS DURING THE COURSE OF ROUGH CONSTRUCTION, CONCRETING AND PLASTERING WITH KRAFT PAPER, EXCELSIOR OR SLIP-ON BLANK METAL PLATES. THE USE OF NEWSPAPER IS NOT PERMISSIBLE FOR THIS PURPOSE.
  - K. HEIGHTS OF OUTLETS: UNLESS SPECIFICALLY NOTED OTHERWISE, ALL WALL OUTLETS SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS, MEASURED FROM THE FINISHED FLOOR TO THE CENTER OF THE OUTLET BOX: SWITCHES-48 INCHES; RECEPTACLES-18 INCHES; TELEPHONE OUTLETS-12 INCHES. THE DIMENSIONS GIVEN ABOVE ARE TO BE USED TO COVER THE USUAL INSTALLATION DETAILS OF THE OUTLETS INVOLVED. HOWEVER, THE CONTRACTOR IS TO REFER TO ARCHITECTURAL AND EQUIPMENT DETAILS FOR THE EXACT LOCATION OF ALL OUTLETS BEFORE INSTALLATION OF SAME. MEASUREMENTS ON THE DRAWINGS, OWNER'S INSTRUCTIONS AND DETAIL MEASUREMENTS TAKE PRECEDENCE.
  - L. ALL WIRING DEVICES TO BE SPECIFICATION GRADE.
  - N. PROVIDE GASKETS ON W.P. COVERS AND BLANK PLATES.
- 16134 PANELBOARDS AND MAIN DISTRIBUTION
- .01 PANEL CABINETS:
- A. CABINETS SHALL BE CONSTRUCTED OF ZINC COATED SHEET STEEL IN ACCORDANCE WITH UL AND NEMA STANDARDS FOR CABINETS, BOXES AND ASSEMBLY.
  - B. A DIRECTORY HOLDER WITH GLASS COVER AND METAL FRAME SHALL BE FURNISHED ON THE INSIDE OF EACH DOOR. PANEL DIRECTORIES SHALL BE TYPED. HOLDER AND FRAME SHALL BE OF SUITABLE SIZE TO PROPERLY LIST CIRCUIT DESIGNATIONS. PROVIDE FLUSH, STAINLESS STEEL LOCK IN DOOR - DEAD FRONT PANEL COVERING BUS & CIRCUIT BREAKER ASSEMBLY TO BE ONE (1) PIECE.
  - C. PANELS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS.
- .02 PANEL BOARDS AND CIRCUIT BREAKERS:
- A. INDIVIDUAL CIRCUIT BREAKERS SHALL BE CALIBRATED AT THE FACTORY SEALED TO PREVENT TAMPERING, SIZE AND FRAME AS INDICATED ON THE DRAWINGS.
  - B. MULTI-POLED BREAKERS SHALL BE OF THE COMMON TRIP TYPE, SIZE AND FRAME AS INDICATED ON THE DRAWINGS.
  - C. PROVIDE SHUNT TRIP ON MAIN CIRCUIT BREAKER WHERE REQUIRED BY LOCAL CODE.

- D. ACCESSORIES SHALL BE FURNISHED AS INDICATED.
  - E. ALL BUSES SHALL BE AS PER MANUFACTURER'S STANDARD.
  - F. NEUTRAL BAR SHALL BE MOUNTED OPPOSITE THE MAIN LUGS AND SHALL HAVE NUMBERED TERMINALS FOR CONNECTION.
  - G. PROVIDE GROUND BUS AS CALLED FOR ON DRAWINGS.
- .03 SAFETY SWITCHES:
- A. SAFETY SWITCHES SHALL BE TYPE HD, FUSIBLE OR NON-FUSIBLE AS INDICATED ON THE DRAWINGS. IN THE SIZES SHOWN, ENCLOSURES SHALL CONFORM TO LOCATION. (NEMA 1 INTERIOR, NEMA 3R EXTERIOR).
  - B. ALL SWITCHES SHALL BE FURNISHED WITH THE NECESSARY NUMBER OF POLES.
  - C. SWITCHES SHALL BE INSTALLED WHERE REQUIRED WHETHER SPECIFICALLY CALLED FOR OR INFERRED BY LOCATION.
  - D. WEATHERPROOF SAFETY SWITCHES MAY BE NEMA 3R EXTERIOR.
  - E. ACCEPTABLE MANUFACTURERS ARE: SQUARE "D", G.E., WESTINGHOUSE, AND CUTLER-HAMMER.
- .04 MARKING AND IDENTIFICATION:
- A. ALL SWITCHES, PANELBOARDS, CONTROLLERS, CONTROL PANELS, TIME SWITCHES, CONTACTORS, TELEPHONE AND COMMUNICATION CABINETS SHALL BE CLEARLY AND PERMANENTLY LABELED IN A NEAT, ORDERLY AND SYSTEMATIC MANNER.
  - B. IDENTIFICATION SHALL CLEARLY DESIGNATE DEVICES AND EQUIPMENT AS TO USAGE.
  - C. PANELBOARDS AND CABINETS SHALL BE MARKED IN THE SAME DESIGNATION AS ON THE DRAWINGS USING WHITE LETTERS ON BLACK PLATES, SCREWED TO DOORS OR COVERS.
  - D. CONDUCTORS IN MULTIPLE CONDUCTOR RACEWAYS, GUTTERS, JUNCTION OR PULL BOXES, CABINETS AND SIMILAR LOCATIONS SHALL BE CLEARLY AND PERMANENTLY IDENTIFIED AS TO ELECTRICAL CHARACTERISTICS, SYSTEM DESIGNATION, SOURCE AND DESTINATION.
  - E. CONDUCTORS SHALL BE MARKED WITH PREPRINTED ADHESIVE MARKERS AS MANUFACTURED BY W.H. BRADY CO., OR THOMAS & BETTS.
  - F. WHERE PREPRINTED MARKERS ARE NOT AVAILABLE WITH THE PROPER DESIGNATION, 1-1/4 INCH DIAMETER PUNCHED BRASS DISCS SHALL BE USED.
- 16485 BRANCH CIRCUITS
- .01 PROVIDE ALL WIRING AND CONNECTIONS TO OUTLETS AND FIXTURES AS INDICATED ON DRAWINGS AND IN SCHEDULES.
- 16150 MOTORS AND CONTROLS
- .01 WIRE TO AND CONNECT ALL ELECTRICALLY OPERATED EQUIPMENT. .02 VERIFY PROPER ROTATION OF ALL ROTATING EQUIPMENT.
- 16190 SUPPORTING DEVICES
- .01 REFER TO 16110.09 FOR EXPOSED RACEWAYS. CONCEALED RACEWAYS SHALL BE SUPPORTED USING SAME METHODS AS REQUIRED FOR EXPOSED RACEWAYS, EXCEPT THAT BRANCH CIRCUIT EMT IN CONCEALED LOCATIONS MAY BE SUPPORTED FROM BUILDING STRUCTURAL ELEMENTS WITH CADDY TYPE FITTINGS MANUFACTURED BY ERICO PRODUCTS CO., INC.
- .02 OUTLET BOXES SHALL BE SUPPORTED TO BUILDING STRUCTURE USING THREADED LEAD ANCHORS AND MACHINE BOLTS, TOGGLE BOLTS, WOOD OR SHEET METAL SCREWS, IF PLACED DIRECTLY ON WOOD OR METAL SURFACE. TWO (2) ANCHORS ARE REQUIRED FOR EACH BOX. WHEN BOXES ARE LOCATED BETWEEN STRUCTURAL SUPPORTS, USE CADDY BOX SUPPORTS.
- .03 ALL SUPPORTS, ANCHORS, BOLTS AND HARDWARE SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INFORMATION FOR THE SIZE AND WEIGHT OF THE SUPPORTED OBJECTS.
- 16450 GROUNDING
- .01 REFER TO ELECTRICAL DRAWINGS AND DIAGRAMS FOR GROUNDING CONNECTIONS.
- .02 THE CONDUIT SYSTEM AND THE NEUTRAL CONDUCTORS SHALL BE GROUNDED. FOLLOW REQUIREMENTS OF THE NATIONAL ELECTRIC CODE - LATEST EDITION. NEUTRALS OF ALL TRANSFORMER SECONDARIES SHALL BE GROUNDED TO MINIMUM ONE (1) INCH COLD WATER PIPE.
- .03 THE GROUND CONNECTION OF THE CONDUIT SYSTEM AND THE NEUTRAL CONDUCTORS SHALL BE MADE AT THE MAIN SERVICE PANELBOARD GROUND BUS.
- .04 WHERE THREE (3) PHASE THREE (3) WIRE FEEDERS ARE EXTENDED TO UTILIZATION EQUIPMENT AND APPARATUS, A BONDING CONDUCTOR OF ADEQUATE SIZE, GREEN COLOR, SHALL BE USED TO GROUND THE EQUIPMENT FRAME. THE CONDUCTOR SHALL BE INSTALLED FROM GROUND BUS TO EQUIPMENT FRAME IN THE CIRCUIT RACEWAY.
- .05 SEE GENERAL NOTES ON DRAWINGS.
- 16480 FEEDER CIRCUITS
- .01 PROVIDE FEEDERS AS INDICATED ON THE DRAWINGS AND IN SCHEDULES.
- 16500 LIGHTING - INTERIOR
- .01 FURNISH AND INSTALL ALL LIGHTING FIXTURES CALLED FOR BY THE LIGHTING FIXTURE SCHEDULE ON THE SITE, EXTERIOR ELECTRICAL AND INTERIOR ELECTRICAL DESIGN DRAWINGS.
- .02 EACH FIXTURE SHALL BE EQUIPPED WITH ANY REQUIRED MOUNTING FRAMES, HARDWARE AND ACCESSORY INSTALLATION ITEMS, FIXTURE MOUNTING FRAMES SHALL BE COMPATIBLE WITH CEILING CONSTRUCTION.
- .03 EACH FIXTURE SHALL BE LAMPED WITH NEW LAMPS OF TYPE AND WATTAGE INDICATED ON THE SCHEDULE.
- 16510 INTERIOR LIGHTING FIXTURES
- .01 INSTALL AS INDICATED ON LIGHTING AND REFLECTED CEILING PLANS, DIMENSIONAL REFERENCE POINTS AND TO ARCHITECTURAL DETAILS AND ELEVATIONS.
- .02 ALL INTERIOR FIXTURES (WHERE APPLICABLE) SHALL HAVE % VIRGIN ACRYLIC PRISMATIC DIFFUSERS. POLYSTYRENE 100 OR VINYL WILL NOT BE ACCEPTABLE.
- .03 SEE LIGHTING FIXTURE SCHEDULE AND NOTES ON ELECTRICAL DRAWINGS.
- 16600 SPECIAL SYSTEMS - COMPUTER (P.O.S. SYSTEM)
- .01 PROVIDE POWER WIRING AND OUTLETS FOR COMPUTER SYSTEM AS

- INDICATED ON THE DRAWINGS. COMPUTER CABLE INSTALLATION SHALL BE AS DIRECTED BY OWNER.
- 16700 SOUND SYSTEMS
- .01 RACEWAYS, BACKBOARDS, OUTLET BOXES SHALL BE AS CALLED FOR ON DRAWINGS.
  - .02 PROVIDE NYLON PULLCORD IN ALL EMPTY RACEWAYS AND IDENTIFY PULLCORD ENDS.
  - .03 INTERIOR INSTRUMENTS AND WIRING BY OWNER CHOSEN COMMUNICATIONS CONTRACTOR.
  - .04 TELEPHONE SERVICE WIRING BY LOCAL TELEPHONE UTILITY.
  - .05 WHEN SHOWN ON DRAWINGS, THE CONTRACTOR SHALL PROVIDE AND INSTALL A 12" X 12" X 4" RECESSED TELEPHONE CABINET.
  - .06 PROVIDE BASIC MATERIALS CALLED FOR IN SECTION 16100.
- 16900 CONTROLS AND INSTRUMENTATION
- .01 CONTROL WIRING DIAGRAMS ARE INDICATED ON DRAWINGS AND FURNISHED WITH EQUIPMENT. CONTRACTOR SHALL COORDINATE ALL WIRING WITH THESE DRAWINGS AND MANUFACTURER.
  - .02 ANY DISCREPANCY BETWEEN SYSTEM ELECTRICAL CHARACTERISTICS AND EQUIPMENT REQUIREMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP. FOR DECISION.

**GENERAL NOTES:**

1. PROVIDE AND PAY FOR ALL PERMITS AND INSPECTION FEES AS REQUIRED.
2. FURNISH ALL LABOR AND MATERIAL TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS. RECEPTACLES AND SWITCHES SHALL BE LEVITON OR AN APPROVED EQUAL. ALL WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES.
3. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
4. ALL ELECTRICAL WORK SHALL BE PERFORMED PER NEC 2020 WITH NC AMENDMENTS.

**TELEPHONE AND CABLE TELEVISION**

1. TENANT SHALL CONTRACT SEPARATELY WITH A TELEPHONE COMPANY. NUMBER AND LOCATION OF NEW TELEPHONE JACKS TO BE DETERMINED BY OWNER.
2. THE GENERAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF THE TELEPHONE CONTRACTOR.

**LIGHTING CONTROL AND TESTING:**

1. LIGHTING SYSTEM FUNCTIONAL TESTING SHALL COMPLY WITH C303.3, C408.3.2, C408.3 OF IECC 2015 NORTH CAROLINA 2018 AMENDMENT. PROVIDE EVIDENCE THAT THE LIGHTING CONTROL IS PER C408.3.1.1 OCCUPANCY SENSOR CONTROLS, C408.3.1.2 TIME SWITCH CONTROLS AND C408.3.1.3 DAYLIGHT RESPONSIVE CONTROLS. CONTRACTOR SHALL PROVIDE EVIDENCE THAT THE LIGHTING SYSTEM HAS BEEN CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION TO THE REQUIREMENT OF THE ENGINEER'S REPRESENTATIVE.

**ALTERNATE PRICING:**

PROVIDE DEDUCTIVE ALTERNATE TO USE MC CABLE IN LIEU OF THHN CONDUCTOR WITH EMT CONDUIT, FOR ALL CONCEALED BRANCH CIRCUITS.

THE CONTENTS OF THIS DRAWING WILL REMAIN THE PROPERTY OF TEDROW DESIGN GROUP. ITS CONTENTS, INCLUDING ALL INFORMATION SHALL NOT BE REPRODUCED USING ANY MEANS WITHOUT EXPRESSED WRITTEN CONSENT AND/OR PERMISSION FROM TEDROW DESIGN GROUP.



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JERSEY MIKE'S SUBS  
THE SQUARE AT LILLINGTON  
NC HWY 210  
LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMNC-152  
DRAWN BY: AK  
CHECKED BY: AR  
ISSUE DATE: 05/09/24

**ELECTRICAL SPECIFICATIONS**

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05/09/24

REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMC-152  
 DRAWN BY: AK  
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 ISSUE DATE:

POWER PLAN

E1.2

**GENERAL NOTES:**

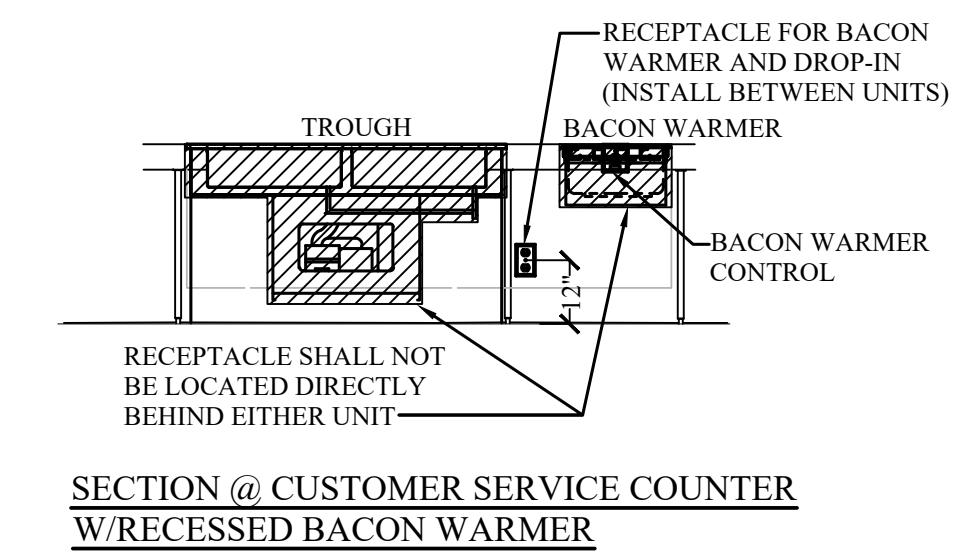
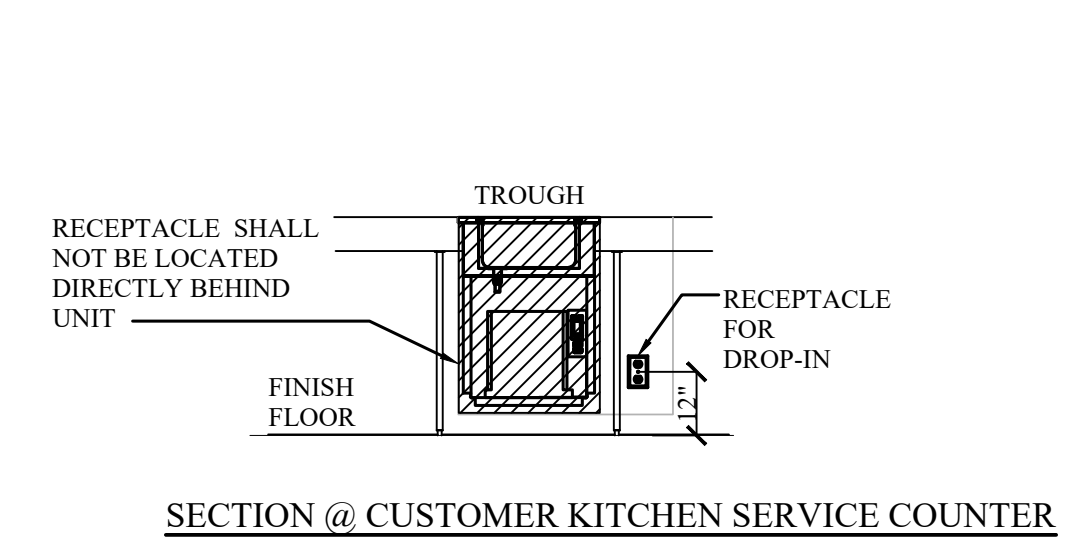
- BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:  
 A. LIGHTING AND POWER NETWORKS: (120/208V, 3ø, 4W)  
 1) 100 FEET OR LESS:  
 PHASE - 3#12 AWG  
 NEUTRAL - 1#12 AWG  
 GROUND - 1#12 AWG  
 2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.  
 3) TWO NETWORKS MAXIMUM PER CONDUIT.
- PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND /OR DATA OUTLET WITH 3/4" C. STUBBED-UP TO 6" WALL ABOVE PARTITION OR LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- VERIFY ALL LIGHTING FIXTURE TYPES, LOCATIONS AND NUMBER WITH OWNER AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- PROVIDE 3/4" FROM MANAGER'S DESK TO CASH REGISTER FOR EXTENSION OF TWO (2) CAT 5 DATA LINES.
- ALL 208 VOLT AND 120 VOLT, SINGLE PHASE RECEPTACLES 50A OR LESS, AND 208V, 3 PHASE RECEPTACLES 100A OR LESS INSTALLED OUTDOORS, IN BATHROOMS, KITCHENS AND ON ROOFTOP AREAS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION.
- EXPOSED CONDUITS WITHIN FOOD PREP AREA MUST HAVE SMOOTH SURFACE FOR CLEANING PER HEALTH DEPARTMENT REQUIREMENTS AND SHALL BE STANDARD METAL CONDUITS.
- CONDUITS BELOW SLAB SHALL BE PVC CONDUITS. ENCLOSED CONDUIT SHALL BE METAL CONDUITS OR FLEXIBLE CONDUITS. ANY EXPOSED CONDUITS SHALL BE METAL CONDUITS ONLY.
- MAIN FEEDERS FROM SERVICE DISCONNECT TO PANEL AND FROM MAIN PANEL TO SUB PANEL SHALL BE STANDARD METAL CONDUIT.
- THE LOW VOLTAGE CONTRACTOR SHALL PROVIDE REQUIRED LOW VOLTAGE WIRING FOR SPEAKERS, RECEIVERS, INTERNET AT POS ON SHELF AND VOICE/FAK.
- ALL OUTLETS AND COVER PLATES INSTALLED IN DINING ROOM AND HALLWAYS SHALL BE BLACK. ALL OTHER SWITCHES, OUTLETS AND COVER PLATES SHALL BE ORDERED IN WHITE.
- IF TENANT SPACE INCLUDES FIRE WALLS, PENETRATIONS IN FIRE WALL SHALL MADE SO THAT THE POSSIBLE SPREAD OF FIRE OR PRODUCTS OF COMBUSTION WILL NOT BE SUBSTANTIALLY INCREASED. FIRE SEALS SHALL BE USED IN A THROUGH-PENETRATION. FIRE STOP SYSTEM SHALL MAINTAIN THE FIRE RESISTANCE RATING OF THE WALL, AS REQUIRED BY NEC 300.21. THE CONTRACTOR SHALL COMPLY WITH ALL NEC 300.21 REQUIREMENTS.

**KEYED NOTES:**

- PROVIDE 1" C. WITH PULL WIRE FROM INTERNET MODEM, CABLE AND PHONE SHELF TO P.O.S.
- ELECTRICAL DISCONNECT PROVIDED WITH EQUIPMENT 30A/1P/3R.
- MOUNT OUTLET FOR THE MEATCASE ON THE LOW WALL BELOW SLICER. PVC CHASE IN KNEE WALL FOR MEAT CASE CORD TO PASS THROUGH MILL WORK TO OUTLET. PROVIDE CABLE RACEWAY CORD HIDER FROM TOP OF MEATCASE TO BELOW COUNTERTOP. MODIFY COUNTERTOP AS REQUIRED. PROVIDE 20A MOTOR RATED SWITCH TO DISCONNECT MEAT CASE. FIELD COORDINATE LENGTH OF FLEXIBLE CONDUIT TO ALLOW MEAT CASE TO BE MOVED BY AT LEAST 3 FT IN EITHER DIRECTION. SEE DETAIL 4.
- SERVICE AREA AND DRINK STATION RECEPTACLE HEIGHT SHALL BE MEASURED FROM SUBFLOOR TO BOTTOM OF BOX.
- MOTOR RATED SWITCH SHALL BE PROVIDED WITH HOOD. POWER TO KEH-2 SHALL RUN THROUGH KEH-2
- KEH-1 SHALL BE CONNECTED TO A FIRE HORN/STROBE HOOD ACCESSORY THRU A MICRO SWITCH PROVIDED BY THE HOOD MANUFACTURER. HORN/STROBE MAY BE OMITTED WHERE NOT REQUIRED BY AUTHORITY HAVING JURISDICTION.
- RECEPTACLE AT P.O.S. SHALL BE SURGE PROTECTED. PROVIDE SURGE PROTECTION. SURGE PROTECTOR SHALL BE EATON, 120/208V, 100KA NOM. DISCHARGE AMPS 20KA, 200KA AMPS SC RATED OR APPROVED EQUAL.
- FIELD COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR FREEZER AND COOLER. FIELD COORDINATE LOCATION OF REMOTE CONDENSERS FOR WALK INS. CONTRACTOR TO CONNECT QUICK DISCONNECTS FOR REFRIGERATION LINES IN CLOSE COUPLED SYSTEM.
- RUN CONDUITS TO FRONT COUNTER IN SLAB BELOW PICK UP TOWER. DATA CONDUITS SHALL BE 1" AND POWER CONDUITS SHALL BE 3/4" MINIMUM.
- SHOW WINDOW RECEPTACLES SHALL BE SPACED AT NOT MORE THAN 12'-0" O.C. AND INSTALLED WITHIN 18" ABOVE TOP OF WINDOWS PER NEC 210.62.
- PROVIDE TELEPHONE BACKBOARD AND RECEPTACLE. FIELD VERIFY LOCATION. EXTEND CONDUIT FOR TELEPHONE SERVICE TO TENANT TELEPHONE BACKBOARD AS REQUIRED.
- LOCATE OUTLETS FOR 2' AND 4' DROP-INS TO EITHER IMMEDIATE RIGHT OR LEFT OF THE UNIT SO THAT OUTLET IS ACCESSIBLE. DO NOT PLACE OUTLETS DIRECTLY BEHIND THE DROP-INS.
- MOTORS ADDED AS PART OF EXHAUST HOOD SYSTEM, MOTOR EFFICIENCY REQUIREMENTS SHALL MEET C405.8 OF THE 2015 IECC.
- PROVIDE 20A MOTOR RATED SWITCH TO DISCONNECT ICE MAKER.
- FIELD VERIFY LOCATION OF DINING ROOM CONVENIENCE RECEPTACLES AND FUTURE PRINTER RECEPTACLES.
- INTERLOCK HWRP WITH AQUASTAT. RUN 2 #12, 1 #12G IN 3/4" C. BETWEEN HWRP AND AQUASTAT. FIELD VERIFY LOCATION OF AQUASTAT AND RECEPTACLE.

**ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL WHENEVER POSSIBLE.		THREE WAY SWITCH
	CONDUIT CONCEALED IN OR BELOW FLOOR.		20A/125V/1PH/3W, NEMA 5-20R, DUPLEX RECEPTACLE C - FLUSH WITH CEILING. MTG.
	HOME RUN TO PANELBOARD SHOWING CIRCUIT DESIGNATION, INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL. BREAKER LOCATIONS MAY BE REARRANGED TO PERMIT USE OF COMMON NEUTRAL CONDUCTOR.		20A/125V/1PH/3W, NEMA 5-20R, ISOLATED GROUNDING TYPE DUPLEX RECEPTACLE
	ELECTRIC MOTOR CONNECTION.		30A/125V/1PH/3W, NEMA 5-30R, RECEPTACLE
	MOUNTING HEIGHT DESIGNATION IN INCHES ABOVE FINISHED FLOOR TO CENTERLINE... WHEN INDICATED ON DRAWINGS SUPERSEDES STANDARD MOUNTING HEIGHT IN LEGEND.		ROOF MOUNTED OUTLET IN W/P HOUSING - GFI
A.F.F.	ABOVE FINISHED FLOOR		20A/125V/1PH/3W, NEMA 5-20R, DUPLEX GFCI RECEPTACLE @ 18" AFF. UNLESS OTHERWISE NOTED.
A.B.S.	ABOVE BACKSPLASH		QUAD OUTLET (DOUBLE DUPLEX, 2-GANG ASSEMBLY)
	NON-FUSED DISCONNECT SWITCH		208V/1PH, SEE INDIVIDUAL EQUIPMENT SPEC. SHEETS FOR PLUG TYPE.
	FUSED DISCONNECT SWITCH		240V/3PH, RATING AS NOTED. SEE INDIVIDUAL EQUIPMENT SPEC. SHEETS FOR PLUG TYPE.
	JUNCTION BOX.		TELEPHONE OUTLET.
	ELECTRIC PANELBOARD.		DATA OUTLET.
	SINGLE POLE SWITCH		MOTOR RATED SWITCH
	EQUIPMENT BACKBOARD		FIRE ALARM PULL STATION
	FIRE ALARM HORN/STROBE		FIRE ALARM STROBE
	FIRE ALARM STROBE		FLOW SWITCH
	DUCT SMOKE DETECTOR		TAMPER SWITCH
	EXISTING EXTERIOR FA STROBE		FIRE ALARM CONTROL MODULE

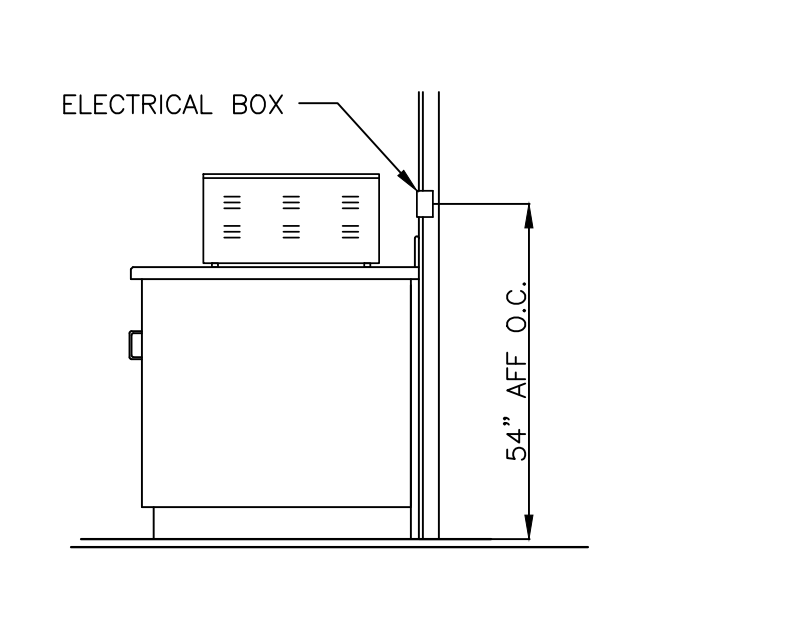
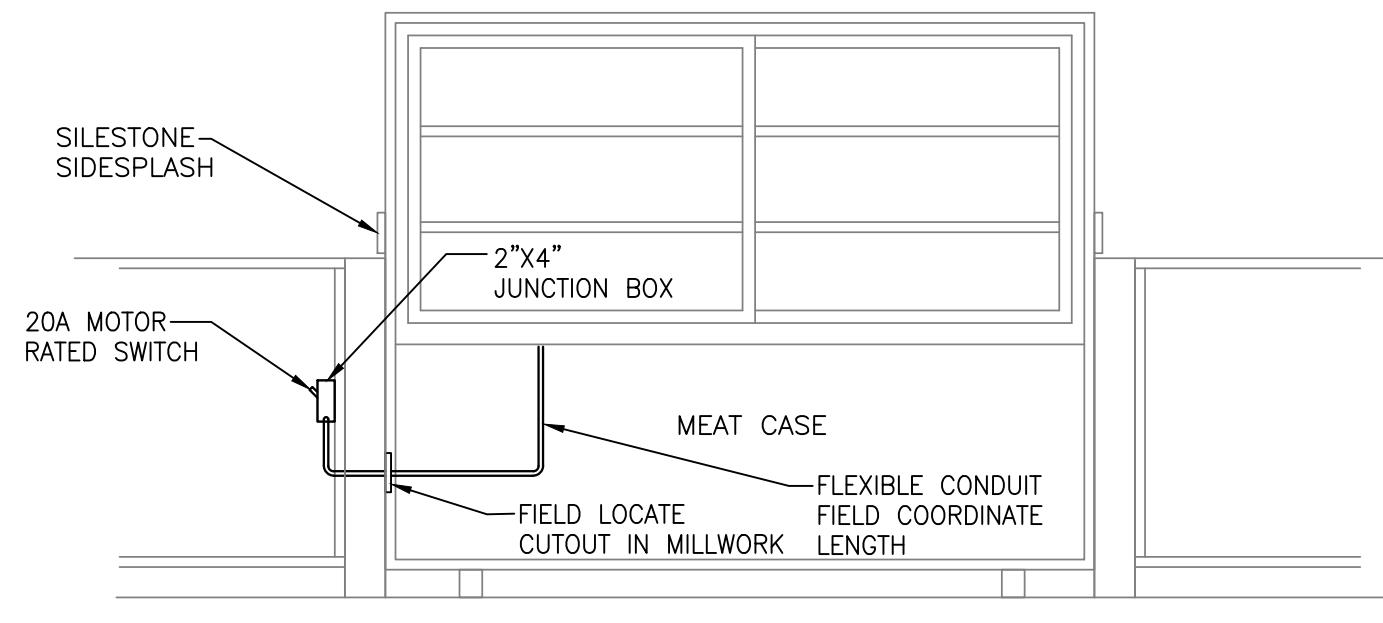


**8118-EFP**

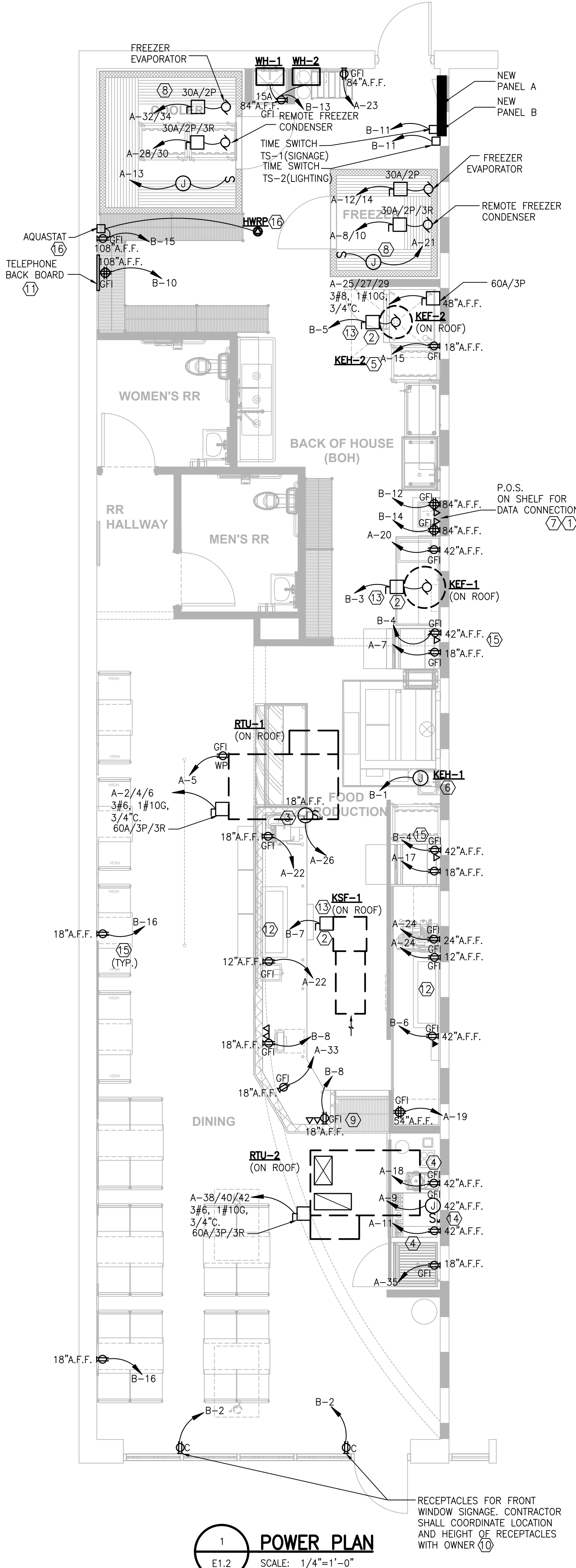
Model	Counter Cutout Dimensions	12"x20" Pan Capacity	V/Hz/Ph	Amps	H.P.	Nema Plug	BTU Load	System Capacity	Ship Weight
8118-EFP	17.00" X 25.00" (43cm X 64cm)	1	115/60/1	2.4	1/5	5-15P	218	576	180lbs/82kg

**8148-EFNP**

Model	Counter Cutout Dimensions	12"x20" Pan Capacity	V/Hz/Ph	Amps	H.P.	Nema Plug	BTU Load	System Capacity	Ship Weight
8148-EFNP	46.88" X 17.25" (119cm X 44cm)	2	115/60/1	2.4	1/5	5-15P	408	847	235lbs (107kg)



**LANDLORD'S SCOPE:**  
 THE FOLLOWING ITEMS ARE BY THE LANDLORD. THIS LIST IS FOR REFERENCE ONLY, THE CONTRACTOR SHALL COORDINATE EXACT SCOPE OF LANDLORD WORK WITH FRANCHISEE AND WITH LANDLORD:  
 1. ELECTRICAL SERVICE, FURNISH AND INSTALL ONE CODE COMPLAINT 200AMP, 120/208 VOLT, 3 PHASE, 4 WIRE ELECTRICAL SERVICE METERED AND BROUGHT TO 200AMP FUSED DISCONNECT SWITCH AND A 200AMP/42 CIRCUIT MAIN PANEL, AND A 100AMP/30 CIRCUIT SUBPANEL CIRCUIT BREAKER AT THE REAR OF THE SPACE.



**1 POWER PLAN**  
 SCALE: 1/4"=1'-0"

RECEPTACLES FOR FRONT WINDOW SIGNAGE. CONTRACTOR SHALL COORDINATE LOCATION AND HEIGHT OF RECEPTACLES WITH OWNER.

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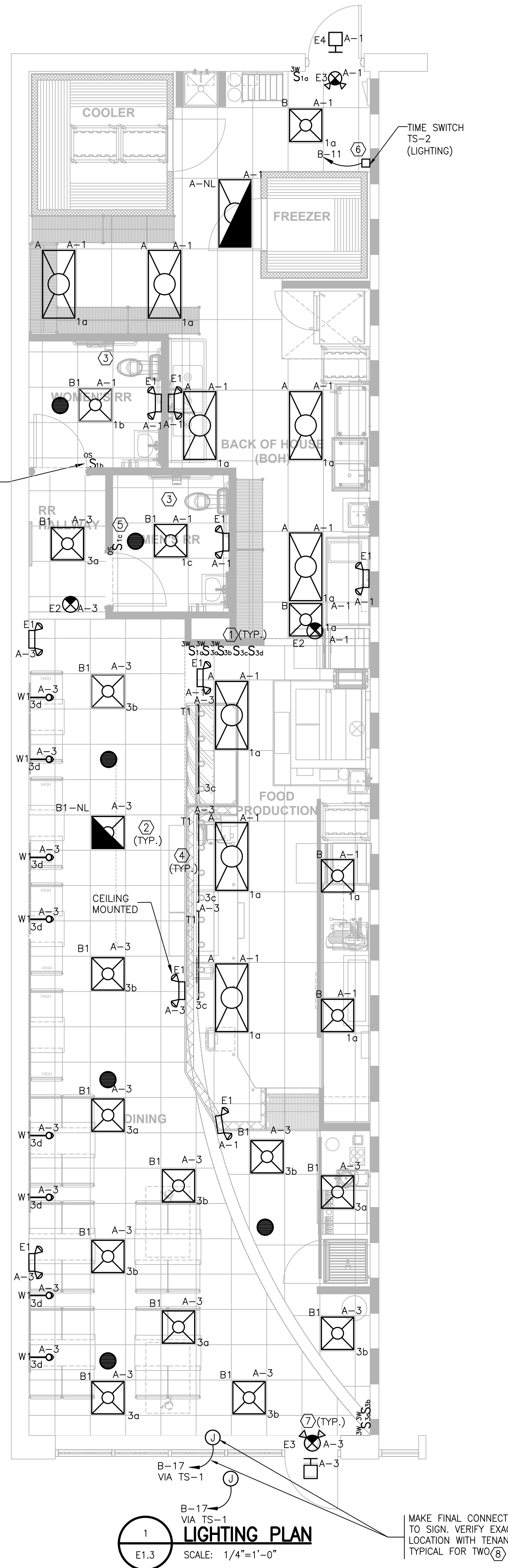
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JERSEY MIKE'S SUBS  
 THE SQUARE AT LILLINGTON  
 NC HWY 210  
 LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
 DRAWN BY: AK  
 CHECKED BY: AR  
 ISSUE DATE: 05/09/24



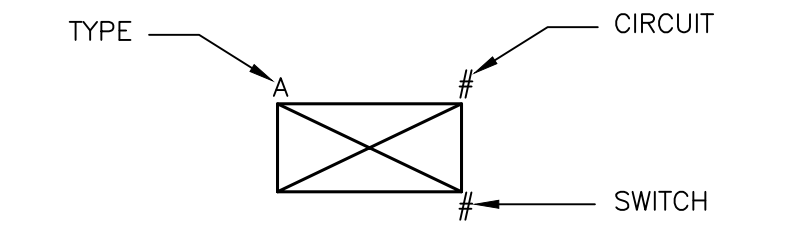
### ELECTRICAL LEGEND

MARK	SYMBOL	DESCRIPTION	COMMENTS
A		CREE #CTR-A-PP24-50L-35K-WH OR HERMITAGE LIGHTING #72010201 2'X4' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP; 50W LED	KITCHEN AND BACK LINE ONLY
A-NL		CREE #CTR-A-PP24-50L-35K-WH OR HERMITAGE LIGHTING #72010243 2'X2' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP; 50W LED (NIGHT LIGHT)	KITCHEN AND BACK LINE ONLY
B		CREE #CTR-B-PP22-40L-35K-WH OR HERMITAGE LIGHTING #72010243 2'X2' LED FLAT PANEL WITH ACRYLIC PRISMATIC LENS LAMP; 40W LED	KITCHEN AND BACK LINE ONLY
B1		2'X2' PARABOLIC LED TROFFER; MODERN LIGHTING RP-22-9-LED-42-DMV-35, 42W LED; 35K OR HERMITAGE LIGHTING #09702243;	IN BATHROOM AND DINING AREA ONLY
B1-NL		2'X2' PARABOLIC LED TROFFER; MODERN LIGHTING # RP-22-9-LED-42-DMV-35 OR HERMITAGE LIGHTING #09702243; 42W LED; 35K (NIGHT LIGHT)	IN BATHROOM AND DINING AREA ONLY
T1		JUNO #R-2FT/4FT-WH OR HERMITAGE #18622789/18622804; TRACK HEAD: JUNO TRACK-LITES #R600L-G2-35K-WH OR HERMITAGE LIGHTING #186644197; 9.5W LED CURRENT LIMITING END FEED: JUNO #RCLFM1WH OR HERMITAGE #18648644/18641995	ONE CIRCUIT TRACK SYSTEM, WHITE (LENGTH AS SPECIFIED ON PLANS) MOUNT TRACK ON CEILING
W1		POLISHED NICKEL WALL SCONCE; G40 LED FILAMENT BULB; CAT. #JM9002; LED; 6W; 120V	MOUNT AT 8'-6" AFF
E1		HERMITAGE #90902323, EMERGENCY LIGHT 2 HEAD, 6V, 1.1W HEAD, WHITE, BATTERY BACK UP AS PER NEC 700.12 (F); EXITRONIX #LED 90	MOUNT ON WALL OR CEILING.
E2		HERMITAGE #90900301, LED EXIT AS PER NEC 700.12 (F). EXITRONIX #VEX; 3.6W	MOUNT ON WALL OR CEILING.
E3		EXISTING OR HERMITAGE #90902167, 2W RED LED EXIT WITH EMERGENCY LIGHTING HEADS, BATTERY BACK UP; EXITRONIX #VLED-4; 1.1W	EXTERIOR DOOR LOCATIONS
E4		EXISTING OUTDOOR EMERGENCY EGRESS LIGHT, 2.2W LED	EXTERIOR DOOR LOCATIONS
		6" AND 8" CEILING MOUNTED SPEAKERS ALONG WITH STEREO RECEIVER AND VOLUME CONTROL. VERIFY PLACEMENT OF SPEAKERS WITH VENDOR AND COORDINATE WITH ELECT./MECH. EQUIPMENT	SYSTEM TO BE ORDERED THROUGH "SOURCE ONE DISTRIBUTORS" - (877) 977-4525

\* LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY CONTRACTOR VIA A NATIONAL CONTRACT WITH HERMITAGE LIGHTING NATIONAL ACCOUNTS. CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHT FIXTURES. CONTACT WYATT CULVER OF HERMITAGE LIGHTING AT (800)-264-3383 OR LEE DANIELS AT (615)-843-3364 FOR ANY QUESTIONS REGARDING FIXTURE, LAMP TYPES, INSTALLATION REQUIREMENTS AND ORDERS.

\* W1 LIGHTING FIXTURE AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY THE CONTRACTOR, VIA A NATIONAL CONTRACT WITH FIVE KIDS GROUP, INC. THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE THROUGH CUSTOMERSERVICE@UNISERVINC.COM TO SETUP AN ACCOUNT. ALL ORDERS WILL BE PLACED THROUGH JM.FIVEKIDSGROUP.COM USING THE LOGIN CREDENTIALS AFTER SETUP.

### LIGHT FIXTURE DESIGNATION:



### GENERAL NOTES:

- BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:  
 A. LIGHTING AND POWER NETWORKS: (120/208V, 3Ø, 4W)  
 1) 100 FEET OR LESS:  
 PHASE - 3#12 AWG  
 NEUTRAL - 1#12 AWG  
 GROUND - 1#12 AWG  
 2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.  
 3) TWO NETWORKS MAXIMUM PER CONDUIT.
- PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND/OR DATA OUTLET WITH 3/4" C. STUBBED-UP TO 6" WALL ABOVE PARTITION OR, LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- VERIFY ALL LIGHTING FIXTURE TYPES, LOCATIONS AND NUMBER WITH OWNER AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- PROVIDE 3/4" C FROM MANAGER'S DESK TO CASH REGISTER FOR EXTENSION OF TWO (2) CAT 5 DATA LINES.
- CONTRACTOR SHALL CALL FOR INSPECTION OF ALL UNDERGROUND WORK.
- SWITCH HEIGHT SHALL BE A MAXIMUM OF 48" A.F.F. TO TOP OF DEVICE, UNLESS OTHERWISE NOTED.
- ALL OUTDOOR CABINETS AND DISCONNECTS TO BE OFF WALL OR SURFACE A MINIMUM OF 1/4".
- NEUTRALS SHALL NOT BE SHARED.
- TIME SWITCHES SHALL FUNCTION ON A SCHEDULED BASIS USING TIME-OF-DAY WITH AN INDEPENDENT PROGRAM SCHEDULE THAT CONTROLS THE INTERIOR LIGHTING.
- THE LOW VOLTAGE CONTRACTOR SHALL PROVIDE REQUIRED LOW VOLTAGE WIRING FOR SPEAKERS, RECEIVERS, INTERNET AT POS ON SHELF AND VOICE/FAX.
- ALL OUTLETS AND COVER PLATES INSTALLED IN DINING ROOM AND HALL WAYS SHALL BE BLACK. ALL OTHER SWITCHES, DEVICE PLATES AND OUTLETS SHALL BE ORDERED IN WHITE.

### LANDLORD'S SCOPE:

THE FOLLOWING ITEMS ARE BY THE LANDLORD. THIS LIST IS FOR REFERENCE ONLY, THE CONTRACTOR SHALL COORDINATE EXACT SCOPE OF LANDLORD WORK WITH FRANCHISEE AND WITH LANDLORD:  
 1. AS IS

### KEYED NOTES:

- THE LIGHT SWITCH HEIGHT INCLUDING TOP OF COVER PLATE TO BE BELOW 4' AFF. COORDINATE SWITCHES WITH CHAIR RAILS, TRANSITION BETWEEN TILED AND UNTILED WALL SURFACES, COUNTERS/BACKSPASHES, ETC.
- CONNECT NIGHT LIGHTS, EMERGENCY LIGHTS/EXIT SIGNS AHEAD OF SWITCH.
- EXHAUST FANS SHALL BE INTERLOCKED WITH RESTROOM LIGHTS.
- PROVIDE 1 AMP CURRENT LIMITER FOR ALL TRACK LOCATIONS TOGETHER.
- PROVIDE LIGHT SWITCHES WITH OCCUPANCY SENSORS LUTRON MS-A102-WH OR EQUAL. FIELD COORDINATE EXACT LOCATION AS PER MANUFACTURER'S RECOMMENDATION. CONNECT TO THE CIRCUIT SERVING THE LIGHTING IN THE AREA. LIGHT SWITCHES SHALL BE COORDINATED TO BE LOCATED AT LOW VOLTAGE SIDE TO OPERATE IN VACANCY SENSING MODE. OCCUPANCY SENSORS SHALL TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE. LIGHT SWITCHES SHALL OVERRIDE THE OCCUPANCY SENSORS.
- PROVIDE TIME SWITCH TS-2 TO CONTROL ALL INTERIOR LIGHTING NOT PROVIDED WITH OCCUPANCY SENSOR CONTROL. TS-2 SHALL HAVE MINIMUM 7 DAY CLOCKS, CAPABLE OF BEING SET FOR SEVEN DIFFERENT DAY TYPES PER WEEK. TS-2 SHALL INCORPORATE AUTOMATIC HOLIDAY SHUT OFF FEATURE AND HAVE PROGRAM BACK-UP WHICH PREVENT LOSS OF PROGRAM AND TIME SETTING FOR AT LEAST 10 HOURS IF POWER IS INTERRUPTED. PROVIDE MANUAL OVERRIDE SWITCHES THAT SHALL TURN ON POWER FOR NOT MORE THAN 2 HOURS.
- REUSE EXIT/EMERGENCY LIGHTS IF SUITABLE OR PROVIDE AND CONNECT TO CIRCUIT AS SHOWN. RELOCATE IF REQUIRED.
- REUSE EXISTING JUNCTION BOX FOR SIGNAGE IF SUITABLE OR ELSE PROVIDE. FIELD VERIFY LOCATION WITH TENANT.

1 LIGHTING PLAN  
 SCALE: 1/4"=1'-0"

MAKE FINAL CONNECTION TO SIGN. VERIFY EXACT LOCATION WITH TENANT-TYPICAL FOR TWO (2)

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THE SQUARE AT LILLINGTON  
NC HWY 210  
LILLINGTON, NC 27546



REV. NO.	DATE	DESCRIPTION

PROJECT NO: JMMC-152  
DRAWN BY: AK  
CHECKED BY: AR  
ISSUE DATE: 05/09/24

PANEL SCHEDULES & RISER

SERVICE		120/208V, 3PH, 4W		PANEL A		MAIN 200A MLO				
MTG SURFACE		A.I.C. 42,000*		REMARK						
Q	BRANCH CIRCUIT	LOAD (VA)			PHASE	LOAD (VA)			Q	
		A	B	C		A	B	C		
1	LTG-SERVICE/KITCHEN/RR/EMERG.	731			45	3723			2	
3	LTG-DINING/EMERG		732				3723		4	
5	RECEPT-ROOF TOP		180				3723		6	
7	SANDWICH UNIT	864			15	936			8	
9	ICE MAKER		1272				936		10	
11	DRINK DISPENSER			1116	15			936	12	
13	WALK IN COOLER	360				936			14	
15	OVEN PROOFER CABINET		1872		20				16	
17	SANDWICH UNIT		864				1728		18	
19	RECEPT-STORAGE	360			20	696			20	
21	STEP-IN FREEZER		1368		20		1088		22	
23	BAG IN BOX			100	20		648		24	
25	BREAD OVEN	3723			20	1044			26	
27		3723			15	885			28	
29			3723				885		30	
31	SPARE				15	32			32	
33	UC COOLER/FUTURE		138				32		34	
35	PEPSI COOLER		864		20				36	
37	PANEL B	3250			45	3723			38	
39			2316				3723		40	
41				2146				3723	42	
CONNECTED LOAD:		A	20378	B	21798	C	20646	TOTAL	62822	VA

\* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.  
GFCI - U.L. LISTED "GFCI" TYPE CIRCUIT BREAKER.  
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER.

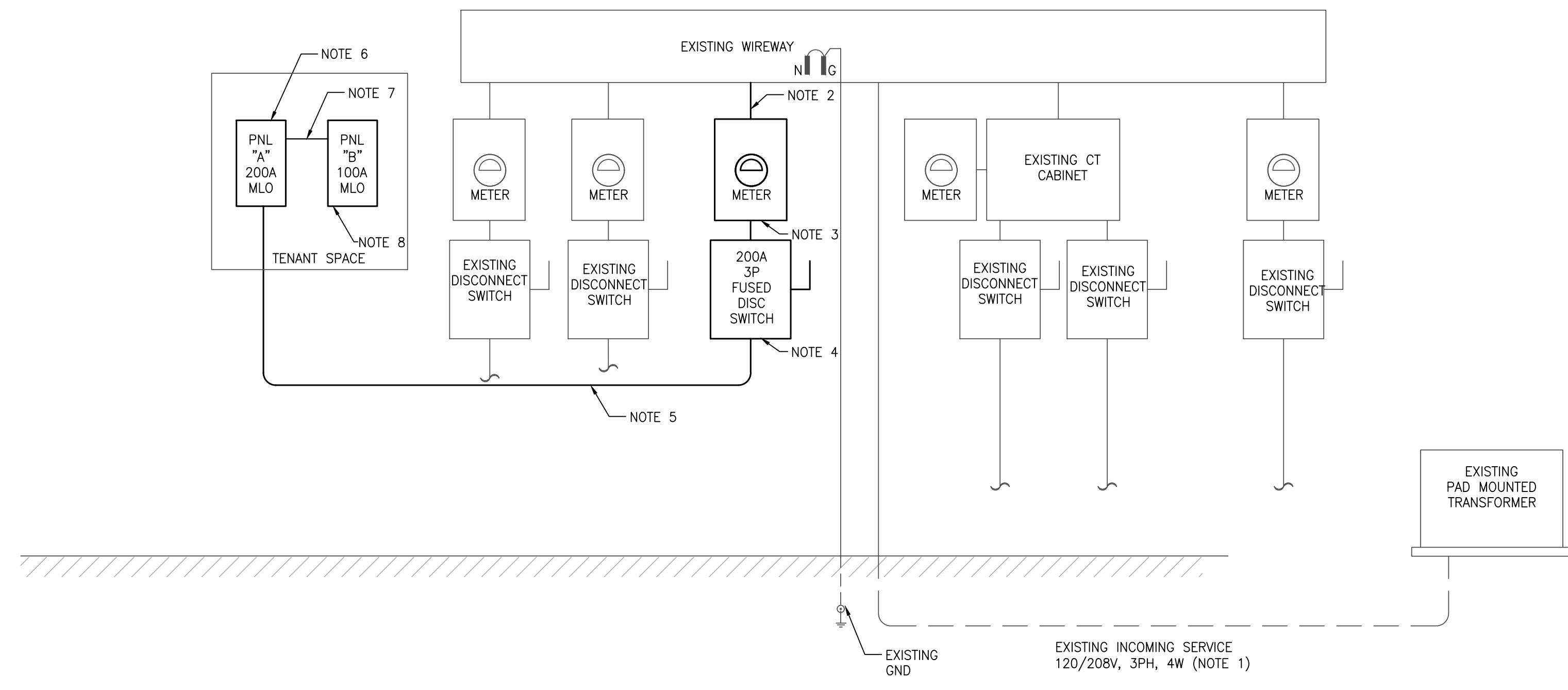
SERVICE		208/120V, 3PH, 4W		PANEL B		MAIN 100A MLO				
MTG SURFACE		A.I.C. 18,000*		REMARK						
Q	BRANCH CIRCUIT	LOAD (VA)			PHASE	LOAD (VA)			Q	
		A	B	C		A	B	C		
1	KEH-1	250			20	360			2	
3	KEF-1		1176		20		360		4	
5	KEF-2			696	20			180	6	
7	KSF-1	1920			20	200			8	
9	SPARE				20	360			10	
11	TIME SWITCH TS-1, TS-2			20	20		50		12	
13	WH-1,2	160			15		360		14	
15	HWRP AQUASTAT		60		20		360		16	
17	LTG-SIGNAGE			1200	20				18	
19	SPARE				20				20	
21	SPARE				20				22	
23	SPARE				20				24	
25	SPARE				20				26	
27	SPARE				20				28	
29	SPARE				20				30	
CONNECTED LOAD:		A	3250	B	2316	C	2146	TOTAL	7712	VA

\* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.  
GFCI - U.L. LISTED "GFCI" TYPE CIRCUIT BREAKER.  
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER.

LOAD ANALYSIS			
LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	0	1.00	0
LIGHTING - INTERIOR	1451	1.25	1814
SIGNAGE	1200	1.25	1500
RECEPTACLES	2770	FIRST 10KW @ 100%	2770
	0	REMAINDER @ 50%	0
KITCHEN EQUIPMENT	30769	0.65	20000
WATER HEATER	160	1.00	160
HVAC EQUIPMENT	22600	1.00	22600
3 Ø MOTORS	0	LARGEST MOTOR @ 125%	0
	0	REMAINDER @ 100%	0
1 Ø MOTORS	1920	LARGEST MOTOR @ 125%	2400
	1872	REMAINDER @ 100%	1872
MISCELLANEOUS	80	1.00	80
TOTALS	62822	DEMAND FACTOR	53196
CALCULATED SERVICE DEMAND AMPERES			147.660

**GENERAL NOTES:**

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2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.  
3) TWO NETWORKS MAXIMUM PER CONDUIT.
- PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND/OR DATA OUTLET WITH 3/4" C. STUBBED-UP TO 6" ABOVE WALL PARTITION, OR LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- EMERGENCY LIGHTING CIRCUITING SHALL BE THE SAME CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.



**NOTES:**

- CONTRACTOR SHALL FIELD VERIFY LOCATION OF MAIN ELECTRICAL SERVICE AND SERVICE ENTRANCE RATING OR ELSE PROVIDE.
- PROVIDE CABLE AND CONDUIT. 4 #3/0, 1#4G IN 2" C. BY LANDLORD.
- PROVIDE NEW METER SUITABLE FOR 200A, 120/208V, 3PH, 4W IN METER CAN. COORDINATE WITH LANDLORD AND UTILITY COMPANY. BY LANDLORD.
- PROVIDE CABLE AND CONDUIT. 4 #3/0, 1#6G IN 2" C. BY LANDLORD.
- PROVIDE 200A MLO, 120/208V, 3PH, 4W, 42 POLE PANEL BOARD. BY LANDLORD.
- PROVIDE 4 #6, 1 #10G IN 1-1/4" C. BY LANDLORD.
- PROVIDE NEW 100A MLO, 120/208V, 3PH, 4W, 30 POLE PANEL BOARD. BY LANDLORD.

1 RISER DIAGRAM  
E1.4 SCALE: NOT TO SCALE