

Jersey Mike's Subs

SYMBOLS LEGEND:

	Project Limit Line		Scope of Project		Key Note No.		Key Note
	ALIGN		Aligned Surfaces		Centerline		Graphic North
	Area Name		Area Tag		Reference Label		North Arrow
	Room Name		Room Tag		Grid No.		Column Grid Line
	Door/Room No.		Door Tag		Level/Datum Name		Level Marker
	Window Type		Window Type Tag		Spot Elevation AFF		Spot Elevation
	Partition Configuration		Partition Tag		Detail No.		Elevation
	SIM		Building Section		Starting Point @ Center		Dimension Crosshair
	SIM		Wall Section		Highpoint @ Tail		Slope Indicator
	SIM		Detail Section/Callout		Change @ Head		Material Change Indicator

DEFERRED SUBMITTALS:

ITEMS NOT INCLUDED UNDER THE PERMITTING OF THESE DRAWINGS

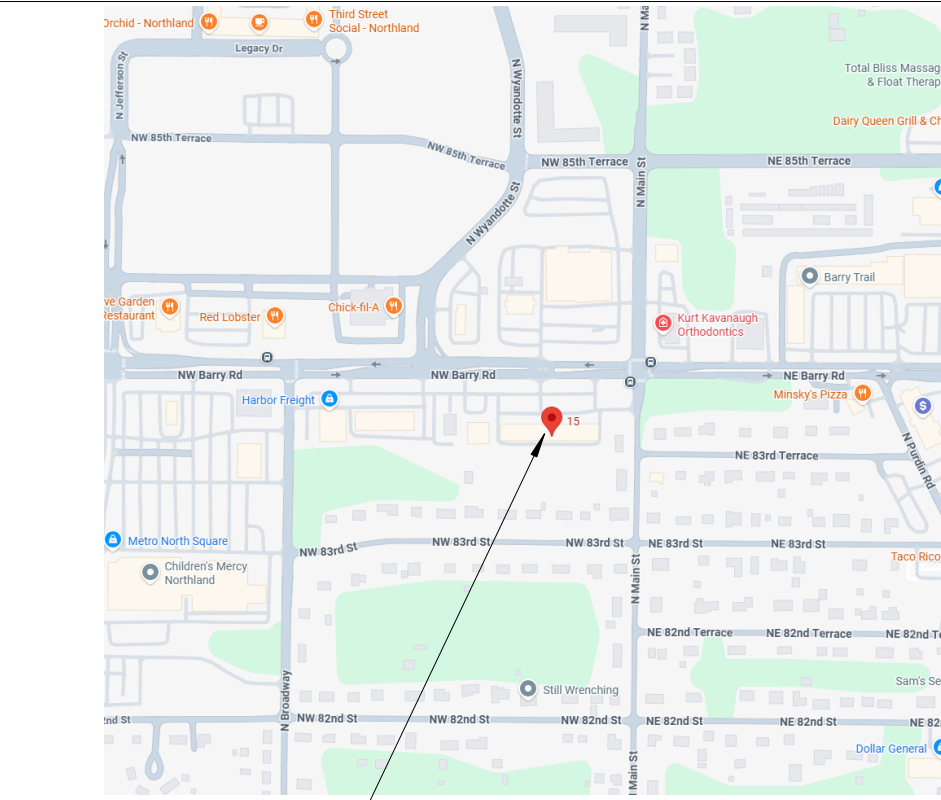
SPRINKLER, FIRE ALARM, SIGNAGE

- GC RESPONSIBLE FOR OBTAINING ALL NECESSARY FIRE ALARM AND SPRINKLER DRAWINGS AND SUBMITTING FOR REQUIRED PERMITS
- LANDLORD CRITERIA: SIGNAGE MANUFACTURER IS RESPONSIBLE FOR OBTAINING MALL SIGNAGE CRITERIA FROM GENERAL CONTRACTOR OR MALL, AND FOR COMPLIANCE WITH ALL MALL REQUIREMENTS REGARDING FABRICATION, FASTENER DETAILING, INSTALLATION, ETC.. OF FINISHED SIGN. FINAL INSTALLATION MUST BE APPROVED BY LANDLORD.
- SHOP DRAWINGS: SIGNAGE MANUFACTURER TO PROVIDE SHOP DRAWINGS FOR LANDLORD APPROVAL. ALL SIGNAGE INCLUDING MAIN STOREFRONT SIGN AND GLASS APPLIED VINYL LETTERING. SHOP DRAWING SUBMITTAL TO CONFIRM ALL DIMENSIONS, POSITIONING, FASTENINGS, FINISHES, COLORS, ETC..
- SIGNAGE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING ALL DRAWINGS AND DETAILS FOR REQUIRED PERMITS.

ABBREVIATIONS

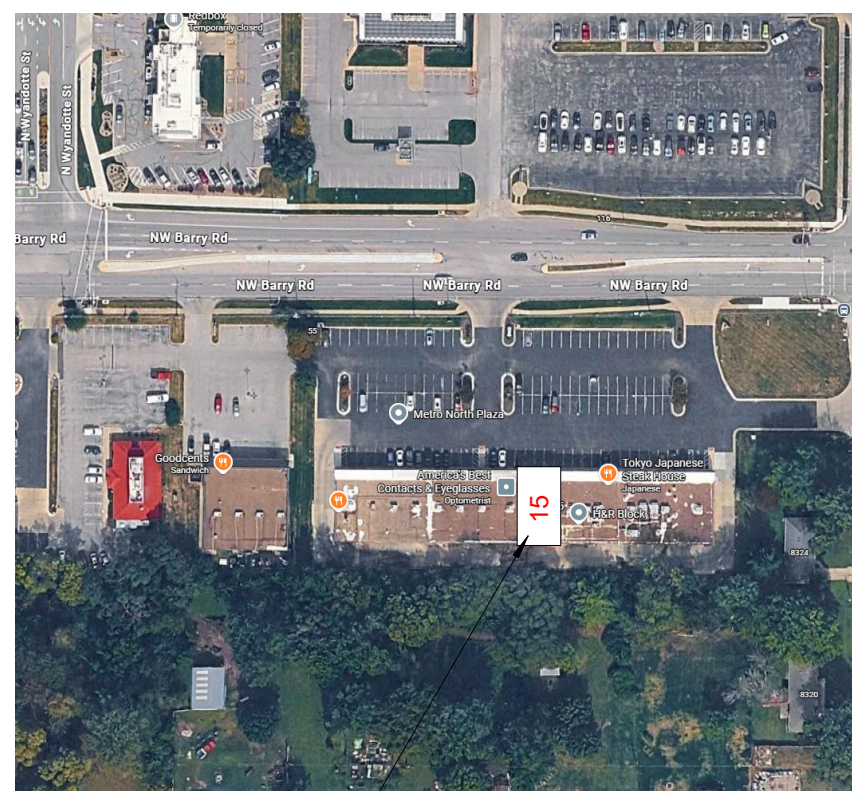
ABV	Above	EXT	Exterior	O.A	Overall
ACT	Acoustical Ceiling Tile	EXTG.	Existing	O.C.	On Center (s)
ACP	Acoustical Ceiling Panel	FA	Fire Alarm	OD	Outside Diameter
ACR	Acrylic Panel	FBO	Furnished by Others	OHD	Overhead
ADJ	Access Door	FDN	Foundation	OPNG	Opening
ADD	Addendum	F/CONC	Face of Concrete	OPP	Opposite
ADJ	Adjacent	FD	Floor Drain	PFB	Prefabricate (d)
AFF	Above Finished Floor	FF	Finished Floor/Face	PFN	Pre-finished
AHU	Air Handling Unit	F/FIN	Face of Finish	P	Paint
ALT	Alternate	FE	Fire Extinguisher	PLY	Plywood
ALUM	Aluminum	FEC	Fire Extinguisher Cabinet	PTD	Painted
ANOD	Anodized	F/MAS	Face of Masonry	PTR	Partition
APPROX	Approximate	FT	Feet	RD	Roof Drain
ARCH	Architect (ural)	FTG	Footing	REF	Reference
B.D.	Bottom of Deck	FURR	Furred (ing)	REFL	Reflect (ed), (ive), (or)
BEL	Below	FoB	Face of Brick	REIN	Reinforcement
BLDG	Building	GA	Gage Gauge	REQD	Required
BLK/G	Block (ing)	GALV	Galvanized	REV	Revision (s), Revised
BRK	Brick	GB	Grab Bar	RFG	Roofing
BS	Both Sides	GC	General Contractor (or)	RM	Room
CG	Corner Guard	GL	Glass, Glazing	RO	Rough Opening
CJ	Construction Joint	GWB	Gypsum Wall Board	S	Sink
CLG	Ceiling	GYP/BD	Gypsum (Board)	SC	Sealed Concrete
CLR	Clear (ance)	HB	Hose Bibb	SCH	Schedule
CMU	Concrete Masonry Unit	HC	Hollow Core	SQ	Square
CO	Clean Out	HIM	Hollow Metal	SS	Stainless Steel
CPT	Carpet (ing)	HORIZ	Horizontal	STL	Steel
COL	Column	HT	Height	STRUCT	Structural
COMP	Compress (ed), (lon), (ble)	HTG	Heating	SUSP	Suspended
CONC	Concrete	INSUL	Insulate (d), (ion)	T.O.	Top of
CONN	Connection	INT	Interior	TOL	Tolerance
CONST	Construction	KP	Kick plate	T.O.S.	Top of Steel
CONT	Continuous or Continue	LAV	Lavatory	TRAN	Transition
CORR	Corridor	LVT	Luxury Vinyl Tile	TIS	Top of Slab
DEMO	Demolish, Demolition	MAS	Masonry	T.W.	Top of Wall
DET	Detail	MAT	Material (s)	TYP	Typical
DIA	Diameter	MAX	Maximum	UNF	Unfinished
DIM	Dimension	MECH	Mechanic (al)	UON	Unless Otherwise Noted
DR	Door	MED	Medium	UR	Urinal
DS	Downspout	MTL	Metal	VCT	Vinyl Composition Tile
DWG	Drawing	MFR	Manufacture (er)	VERT	Vertical
EA	Each	MIN	Minimum	VIF	Verify In Field
EJ	Expansion Joint	MIR	Mirror	VIN	Vinyl
EL	Elevation	MISC	Miscellaneous	VT	Vinyl Tile
ELEC	Electric (al)	MO	Masonry Opening	W	With
EMERG	Emergency	N/A	Not Applicable	WB	Wall Base
EQ	Equal	NIC	Not In Contract	WC	Wall Covering
EQUIP	Equipment	NOM	Nominal	WD	Wood
EST	Estimate	NTS	Not To Scale		

PROJECT LOCATION:



JERSEY MIKE'S

KEY PLAN:



JERSEY MIKE'S

PROJECT GENERAL NOTES:

- WORK INCLUDES APPLYING AND PAYING FOR APPLICABLE PERMITS, LICENSES AND FEES.
- NOTIFY ARCHITECT OF DISCREPANCIES ENCOUNTERED BETWEEN DOCUMENTS AND APPLICABLE CODES OR INTERPRETATIONS BY THE GOVERNING AGENCIES.
- PERFORM WORK USING ONLY SKILLED WORKERS TRAINED AND EXPERIENCED IN THEIR RESPECTIVE TRADES.
- VERIFY SITE CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING THE WORK AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
- VERIFY DIMENSIONS AND LOCATIONS OF OPENINGS, BASES, AND SPECIAL PROVISIONS REQUIRED FOR EQUIPMENT, DUCTS, PIPING, CONDUITS, FINISH HARDWARE, ETC.
- SCALING DRAWINGS IS DISCOURAGED AND PERFORMED AS THE SOLE RISK OF THE CONTRACTOR.

BUILDING CODE SUMMARY:

PROJECT SUMMARY

INTERIOR TENANT FITOUT OF AN EXISTING MULTI-TENANT BUILDING

SEE SHEET A0.3 FOR EGRESS PLAN

BUILDING DATA:

BUILDING CODE AGENCY/JURISDICTION: KANSAS CITY, MO - JACKSON COUNTY

BUILDING CODE:

2018 International Building Code
2018 International Existing Building Code
2018 International Fuel Gas Code
2018 International Mechanical Code
2021 International Energy Conservation Code
2018 Uniform Plumbing Code
2017 National Electrical Code
2010 Accessibility Code

TYPE OF WORK:

FIRE SUPPRESSION:

EXISTING CONSTRUCTION TYPE:

TOTAL NUMBER OF FLOORS:

NUMBER OF FLOORS ABOVE GRADE:

USE/OCCUPANCY GROUP

INTERIOR FITOUT

SPRINKLERED

III-B

ONE (1)

ONE (1)

B (Business)
(PER Section 303.1.1)

PROJECT DIRECTORY:

Tenant Contact:
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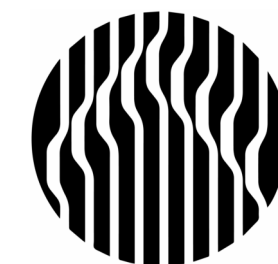
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SHEET INDEX:

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A5.1	INTERIOR ELEVATIONS	
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PLUMBING		
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P4.0	PLUMBING SPECIFICATIONS	
REFERENCE		
R1.1	REFERENCE FURNITURE PLAN	
Grand total: 39		



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JERSEY MIKES - KANSAS CITY

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Kansas City, MO 64118

Description Date

These drawings/specifications are the property of Oculus Inc. They are furnished as contract documents only. The architect and engineer assume no responsibility for the performance of products and materials beyond those provided by their respective manufacturer.

Missouri Corporate Authority Number #814
Missouri Architect in responsible Charge - Howard Marvin Rasm AR-5489



10/12/2026

ISSUED FOR PERMIT

Client Approval

PROJECT INFORMATION

Project # 43426-M001

Issue Date 10/09/2026

Scale As indicated

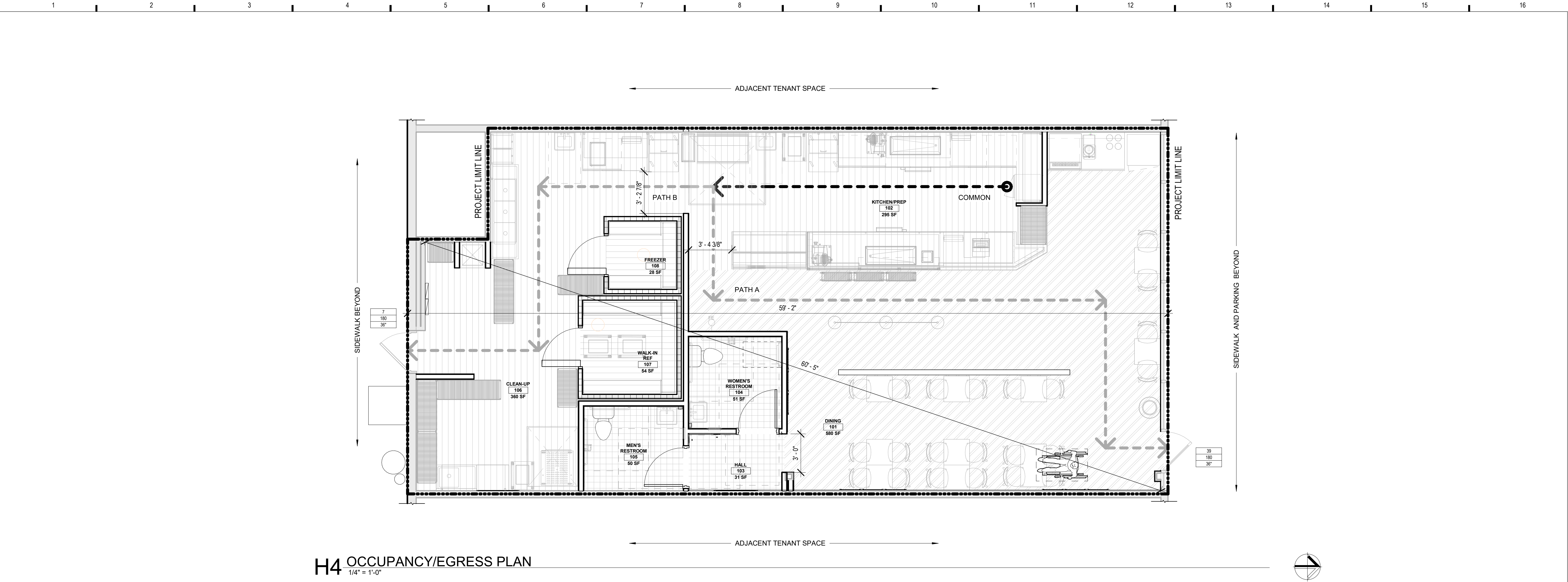
Drawn by RS

Checked by MMR

A0.1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
DIVISION 01 - GENERAL REQUIREMENTS					DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES					ENTRANCES AND STOREFRONTS					5. Contractor shall furnish and install complete suspended gypsum wall board ceiling system where indicated on the drawings. Provide components which comply with ASTM C 754 and manufacturer's recommendation for materials and sizes unless otherwise indicated. Provide seismic struts/braces as required by local codes and per building standards.				
1. It is the responsibility of the General Contractor and subcontractors to make themselves familiar with the GENERAL CONDITIONS, PLANS, AND SPECIFICATIONS, and any other notes or references related to this project so as to possess full comprehension of the work they are to perform. Any discrepancies shall be immediately brought to the attention of the Architect, or Franchisee.					1. Contractor shall provide all wood or metal blocking, grounds, nailers, and supports, as shown in the drawings, and as required for the attachment of other work. Contractor shall install all work plumb and level. Contractor shall also fill and sand smooth all exposed nail and fastener holes, and coordinate location with other work.					NOT APPLICABLE					CEILINGS				
2. Nothing in the PLANS Specifications, notes and references shall be interpreted so as to eliminate any requirements or provisions of National, State, County, and Local Building Codes and/or Ordinances. All Contractors are responsible for "full knowledge of, and compliance with the aforementioned regulations and shall notify the Architect of any discrepancies or conflicts before beginning their work.					2. All finish lumber, hardwood stock, and milled trim shall be kiln dried and ready for fabrication/installation. All pieces shall be of the type and grade specified and clear of warp, splits, knots or other deformities that would detract from its appearance.					1. Provide locksets appropriate to function where indicated in door schedule. Furnish and install new hardware to match building standard as required (unless otherwise noted), note, selections are based upon products as manufactured by "Schlage Lock Company," alternate manufacturers of equivalent "models" by Corbin, Falcon, Yale products will be considered. See drawings for additional information.					1. Comply with manufacturer's recommendations for all acoustical ceiling work. Products by USG, Armstrong, and Chicago Metallic will be considered if no specific materials are called for in the documents.				
3. The General Contractor and all subcontractors shall visit the site to verify all field conditions and dimensions related to their work. The General Contractor shall then submit a written proposal of his scope of work to The Owner for an approval. Any discrepancies or conflicts shall reported to the Owner before starting their work.					3. All architectural woodwork shall comply w/ with standards and recommendations of the architectural woodwork institute's AWI current standards - "Architectural Woodwork Quality Standards".					2. Project standard interior door locks and latches (unless otherwise noted): a. Certif. ANSI A156.2, 1989,series 4000 grade 1. Design: Schlage extra heavy duty cylindrical locks, Series: "D" lever, "Schlage Rhodes" Latch: 09-66X square corner strike 10-072; 37-015(@wd fr) Finish: 626(26D) satin chromium plated. Keying: Master-keyed - standard interchangeable cores Reinforcing kit: 37-001 - sized for door thickness					2. Where noted on the drawings, contractor shall replace pads with new pads as indicated. (See finish legend for additional information).				
4. The General Contractor shall consult with the subcontractors and The Owner and coordinate the work in order to adhere to the schedule agreed upon by the Owner.					4. Contractor shall fabricate and install base cabinets as shown on drawings. Casework shall be AWI premium grade and finished as noted on drawings.					3. Project standard security deadbolts (unless otherwise noted): a. Certif. ANSI A156.2, 1984, grade 3. Design: Single cylinder deadbolt, thumb turn interior. Series: "100" model: "B160" Finish: 626(26D) satin chromium plated. Keying: Master-keyed - standard interchangeable cores Reinforcing kit: 37-001 - sized for door thickness.					3. Contractor shall review ceiling plans and provide take off quantities to the Tenant for ordering of customers' own materials. Ordered quantities shall include sufficient amount for attic stock and waste during installation.				
5. The General Contractor is responsible for the following: A. Provide Schedule of Work to Tenant B. Obtaining any and all permits. C. Scheduling all inspections. D. Providing certificate of occupancy and final health inspection. E. The contractor shall provide the following with Final Invoice. 1) Original or clear photo copies of Certificate of Occupancy (Cofo) permit and health inspection report. 2) Listing of Sub-contractors & area of responsibility, complete with trade name, owner's name, address, telephone number and Federal ID number. 3) Properly executed lien-waver. 4) Serial numbers, date of manufactured of all installed HVAC equipment, make line and walk-in box.					5. Cabinets shall be of 'flush overlay construction as shown on the drawings and as follows: a. Cabinets where shown as plastic laminate: Provide plastic laminate on all exposed surfaces with selected colors as indicated on the drawings and as listed below unless otherwise noted: 1. Gp-50 for non-post-formed surfaces. 2. Pf-42 for post-formed surfaces. 3. Gp-28 for vertical surfaces					4. Project standard cypher locks (unless otherwise noted): a. Contractor shall retrofit, if possible, existing cypher locks hardware to meet current ADA, ANSI and building code requirements. Retrofit shall include manufacturer's approved lever handles. If retrofit of existing cypher lock cannot be achieved notify the Architect for a replacement specification.					4. Comply with building standard details and local codes with reference to seismic struts/bracing.				
6. Unless indicated as "BY OTHERS" on the PLANS or in the SPECIFICATIONS or otherwise directed by The Owner. The General Contractor and sub-contractors shall supply all labor and materials and miscellaneous items, not specifically shown on the PLANS or in the SPECIFICATIONS but obviously necessary for the complete and proper installation of their elements of work.					6. The following hardware shall be used for all scheduled millwork / cabinets unless otherwise noted on drawings: a. Drawer guides: Self closing accurate C3800/C3827, or approved equal. b. Grommets: All grommet trim unless noted otherwise to be manufactured by Doug Mockett and Co., Manhattan Beach, CA 90266, (213)318-2491. Equip with 3" diameter holes with XG series "black". Equip all slotted holes with CL series "black" to the size as shown on the drawings. c. Hinges: Grass 1203 or Stanley 1511-2 or 1511-9X, self-closing, three dimensional adjustable, 165 degree opening. d. Touch latching mechanisms: Stanley, Hafele or approved equal. (sized appropriately to match door size.) e. Casework pulls: 3 1/2" polished chrome wire cabinet door pulls f. Pocketing cabinet door hardware: NOT USED g. Ventilation grill: Hafele #571.62.302, black or approved equal. h. Cabinet door silencers: Provide three (3) rubber bumpers per door. i. Self supports: Provide recessed metal standards or metric drilling at contractors' option. j. Coat hooks: Refer to door hardware groups. k. Drawer and cupboard locks: Half-mortise type, 5-pin tumbler and deadbolt, round cylinder only exposed, brass with plated finish, similar to Yale NO. 5591.					5. Furnish and install card key access system to match building standard where indicated on the drawings.					RESILIENT FLOORING				
7. The General Contractor and Sub-Contractors shall turn over all written operating instructions and warranties for equipment to the Owner at the completion of their work.					DIVISION 07 - THERMAL AND MOISTURE PROTECTION					6. Door Closers (unless otherwise noted): a. LCN 4040 wback check, surface mounted with parallel arm for push side mounting. Similar in style and appearance to building standard.					1. Install all resilient tile flooring by direct glue method in accordance with the manufacturers' recommended installation specifications and instructions. Install only over properly prepared and cleaned substrates as recommended by manufacturer.				
8. All work performed by the Contractor and his Sub-Contractors, including materials and labor shall be guaranteed in writing or a period of one (1) year from date of acceptance by The Owner.					SEALANTS					7. Hinges, butts and pivots (unless otherwise noted). Non-ferrous hinges to be provided with stainless steel pins. Exterior doors, and out-swing corridor doors to receive non-removable pins. Provide number of hinges in accordance w/ door and hardware institute recommendations. Provide ball bearing butts for doors equipped with closures.					2. Material to be selected from manufacturer's standard colors. Color and material to be selected by Architect unless otherwise shown in finish schedule.				
9. These PLANS and SPECIFICATIONS, as instruments of service, are and shall remain the property of THE ARCHITECT. They are not to be reproduced in part or whole or used an any other projects except by agreement in writing with and after appropriate compensation to THE ARCHITECT					1. Install sealants as mentioned below and shown on drawings (unless otherwise noted on drawings), per manufacturer's recommendations.					8. Submit for approval hardware schedule keyed to Architect's door and opening designations. List manufacturer's model number for all group components. Submit product information for each type of hardware provided.					BASE				
10. The General Contractor and Sub-Contractors, at the completion of their work, shall leave the site clean and free of debris related to their work, and the store finished to pass health inspections, and made ready to commence with the business of food production.					2. Type 1: All exterior vertical surfaces use sealants as follows: a. Aluminum and glass: One part non-acid curing silicone sealant. b. Aluminum, masonry, and EIFS: one or two part non-sag low modulus urethane sealant. Verify compatibility of sealant with EIFS manufacturer prior to use.					9. Hardware supplier shall have in his/her employ an AHC member of the American Society of Hardware Consultants who must be capable of correctly interpreting the plans and specifications to furnish complete and appropriate hardware. Consultant must sign shop drawing/product information submittal thus signifying that the submittal complies with the intent of the documents and the door and hardware institute.					2. Where indicated on drawings, contractor shall spray finish on building door frames in semi-gloss alkylid enamel. Finish color to be as indicated on drawings and to match architect's sample.				
11. Additional specifications may be found within the drawings regarding specific items such as roofing, exterior finish materials etc.					3. Type 2: Interior wet locations - such as bathrooms, toilet fixture bases, sinks, etc.: one-part mildew resistant silicone sealant.					10. Supplier to coordinate lock cylinders and keying with Tenant, and master key system for the entire project. Supplier will meet with Tenant as required to finalize keying requirements and document/obtain final instructions in writing.					PAINTING AND COATING				
12. No material substitutions are allowed without permission from The Owner.					4. Type 3: All interior joints exposed to view: Siliconized acrylic latex sealant (paintable) as noted or indicated in the documents. A continuous bead of caulk shall be provided at all edges of hollow metal and aluminum frames.					GLASS AND GLAZING					1. Contractor shall finish walls with one coat primer and two coats latex enamel paint unless otherwise noted in material legend, keyed notes and room finish schedule.				
13. All Jersey Mike's (JM) General Contractors shall be certified as an "approved" JM General Contractor. Each Contractor and his/her Subcontractors shall become familiar with the requirements, and base the total construction cost on the submitted drawings combined with the Construction Guide provided by JM. Any conflicts between the drawings and the Construction Guide shall be brought to the attention of the Architect. If questions arise for interpretations, they shall be directed to the Architect.					5. Type 4: All exterior door thresholds use: one-part butyl sealant.					1. Comply with recommendations of flat glass marketing association (FGMA) "glazing manual" and "sealant manual" except where more stringent requirements are indicated.					2. Wall base to be selected from manufacturers standard colors. Color to be integral and full thickness of material. Color and material to be selected by the Architect.				
DIVISION 02 - EXISTING CONDITIONS					FIRE AND SMOKE PROTECTION					2. All interior glass shall be 1/4" minimum, unless otherwise noted, glass thickness shall meet or exceed minimum standards set forth in current ASTM E1300 version.					REINFORCING				
1. This section requires the selective removal and subsequent, off-site disposal of interior partitions, doors and frames, equipment and fixtures as indicated on drawings. Cutting non-structural concrete floors for underground piping is included with the work of the respective mechanical specification sections. Relocation of pipe, conduit, duct, and other mechanical and electrical work are specified by respective trades.					1. Furnish and install fireproofing system (complete w/ all required primers, metal lath, sealers, topcoats, etc as applicable) at location of steel beam reinforcement. Use "U.L." approved materials which match required fire resistive ratings used on existing beam(s). Install in compliance w/ manufacturer's recommendations and industry standards.					3. Contractor shall furnish and install tempered safety glass, as indicated on the drawings or otherwise required by code. All safety glass shall be identified as such with visible markings located in corner and suitable for building inspector review and approve.					1. Install resilient base material as noted in material legend. Use direct glue method in accordance with manufacturer's recommended installation specifications and instructions. Install only over properly prepared substrates as recommended by manufacturer. Material shall be installed in the longest continuous sections feasible. final installation shall be smooth, free of bumps and other irregularities.				
2. Provide protective measures, including temporary barricades and other forms of protection, as required to provide free and safe passage of Owner's personnel and general public to, with-in and from occupied portions of adjacent site, during all demolition procedures and thru full period of construction.					2. Subject to approval of local code officials and standards, apply fireproofing materials by trowel application or other placement method acceptable to manufacturer.					4. Unless otherwise noted on the drawings, contractor shall furnish and install clear non-coated annealed flat glass of the size and thickness shown. Provide glass and glazing that has been produced, fabricated and installed to withstand normal thermal, wind or impact loading (where applicable), without failure. All glass for the project shall comply w/ thickness, dimensional tolerances and characteristics set forth in ASTM C1036 "Standard Specification for Flat Glass."					2. Where indicated on drawings, contractor shall spray finish on building door frames in semi-gloss alkylid enamel. Finish color to be as indicated on drawings and to match architect's sample.				
3. Contractor to provide adequate shoring, bracing and support to prevent movement, settlement, or collapse of structure or element to be demolished and adjacent facilities or work to remain. Structural plans show extent of structural retrofit after existing walls are removed, contractor is responsible for determining proper bracing sequence and the sequence of bracing removal.					DIVISION 08 - OPENINGS					5. Unless otherwise noted on the drawings, contractor shall furnish and install clear heat-treated flat glass, ft (fully tempered) of the size as indicated in the documents. Provide glass and glazing material that has been produced, fabricated and installed to withstand normal thermal, wind or impact loading. Fully tempered glass shall comply w/ the requirements for safety glazing in ANSI Z97.1-"standard for glazing materials used in buildings" as well as ASTM C1048 "standard for heat treated flat glass -kind ft coated and uncoated glass. Fully tempered glass shall comply with all local building code and life safety requirements.					SPECIAL COATINGS				
4. Coordinate with Owner the sequence of operations for selective demolition work prior to start of work. Include coordination for shutoff, capping, and continuation of utility services as required, together with details for dust and noise control protection.					METAL DOORS AND FRAMES					6. Provide galvanized metal doors with shop-applied primer of type and styles indicated on drawings or schedules. Provide non-removable glazing stops installed on public side of door. Glazing beads on inside of glass and lower panels shall be removable. Glazing systems shall be minimum 20 gauge steel. All doors hollow metal doors to be 1 3/4" thick.					1. Contractor shall furnish and install special coatings or multi-color paint system as noted in the material legend. Installer shall be experienced in the installation of special coatings or multi-color installation process and familiar with all manufacturer's equipment and application procedures and instructions. Contractor shall coordinate the installation of special materials with Owners representative to minimize disruptions to normal building operations. Prior to installation, contractor shall notify Owner if special coating application produces fumes or orders which might disrupt other building use/operations. If necessary, special coatings installation shall be conducted after hours or on weekends.				
5. Contractor to verify location of all rebar and post-tensioning cables in floor slabs (with pachometer) as applicable, prior to drilling or cutting of slabs.					1. Furnish and install hollow metal frames to comply with steel door institute "recommended specifications: a. (SDI-100) standard steel doors and frames. b. HMMNA/NAAMM "guide specifications for commercial hollow metal doors and frames" (HMTMA 861-87).					7. Submit shop drawings and schedules for approval, prior to fabrication. Conform to same door and opening designations used in the door schedule.					2. Contractor shall provide an additional supply equivalent to 5% of each color of paint specified for touch up and repair. Surplus paint shall be in new and unopened containers provided by the manufacturer.				
6. If unanticipated mechanical, electrical or structural elements conflict with intended function or design are encountered, investigate and measure both the nature and extent of the conflict. Submit report to owner's representative in written, accurate detail. Pending receipt of directive from owner's representative, rearrange selective demolition schedule as necessary to continue overall job progress without delay.					2. Provide labeled frames where indicated on drawings. Warranty to be in effect for two years after date of substantial completion.					8. Submit shop drawings and product literature for Architect review.					3. Contractor to verify that painting contractor is certified installer/appliator of manufacturer of special coating specified in project.				
7. Locate demolition equipment throughout structure and promptly remove debris to avoid imposing excessive loads on supporting walls, floors, or framing.					3. Finish on frames to be as follows: Shop/field painting at contractor option, to match color selection as indicated in material legend on drawings, unless otherwise noted all frames to be sprayed.					DIVISION 09 - FINISHES					FIRE EXTINGUISHER CABINETS				
8. Salvaged items: where indicated on drawings as "salvage - deliver to Tenant," carefully remove indicated items, clean, store, and turn over to Tenant and obtain receipt.					4. Frames, unless noted otherwise, shall conform to the building standard as specified by the landlord and are to be Fully Welded.					PLASTER AND GYPSUM BOARD ASSEMBLIES					Unless otherwise noted on drawings, contractor to furnish and install building standard semi recessed fire extinguisher cabinet equal to Potter Roemer #7042 fire cabinet with 2a 10bc minimum rated extinguisher, where indicated on drawings. Paint cabinet to match walls unless not allowed by local codes.				
9. Coordinate demolition activities with hazardous materials abatement contractor, as required.					5. Reuse existing hollow metal frames (unless noted otherwise on drawings), wherever possible. Contractor shall notify the owner of the type and number of existing frames which can be re-used and which have become damaged making them un-suitable for reuse.					1. Interior finish material shall comply with the flame spread and smoke development limitation listed in the building code section.					DIVISION 10 - SPECIALTIES				
10. If hazardous materials are encountered during demolition operations, isolate the area containing the materials and comply with the general conditions. Do not disturb hazardous materials except in a manner complying with applicable regulations, laws and ordinances.					7. Submit shop drawings and schedules for approval, prior to fabrication. Conform to same door and opening designations used in the door schedule.					2. Contractor shall furnish all materials and labor to construct and finish all interior rooms and spaces as shown on drawings, noted schedules or otherwise specified in these documents.					DIVISION 11 - EQUIPMENT				
11. Comply with governing laws, codes, and regulations governing safety, fire protection and environmental protection during demolition operations.					WOOD DOORS					3. Gypsum wall board shall be 5/8" thick (unless otherwise noted on drawings), taped, filled and sanded smooth. Fire-code gypsum wallboard shall be 5/8" thick, taped, filled, sanded smooth, and installed per manufacturer's recommendations for ratings as shown on drawings.					1. Contractor to install commercial kitchen equipment provided by the tenant and as indicated on the drawings.				
12. Burning of removed materials is not permitted on project site.					1. Where indicated on drawings and shown in schedules, furnish and install new solid core wood doors to match building standard. Door veneer to match existing grain, species and leaf matching. Provide labeled doors where indicated on drawings.					4. Install (non-load bearing) screw-type metal stud support system of the gauge recommended by the manufacturer for the application shown on the drawings. Comply with manufacturer's recommendations for acoustical ceiling work but not less than recommended.					DIVISION 12 - FURNISHINGS				
13. Use of explosives will not be permitted.					2. Reuse existing doors as indicated on drawings. Refinish doors to match color and sheen of new doors unless otherwise noted on drawings.					5. Unless otherwise noted on the drawings, contractor shall furnish and install clear heat-treated flat glass, ft (fully tempered) of the size as indicated in the documents. Provide glass and glazing material that has been produced, fabricated and installed to withstand normal thermal, wind or impact loading. Fully tempered glass shall comply w/ the requirements for safety glazing in ANSI Z97.1-"standard for glazing materials used in buildings" as well as ASTM C1048 "standard for heat treated flat glass -kind ft coated and uncoated glass. Fully tempered glass shall comply with all local building code and life safety requirements.					2. Contractor shall coordinate the installation of tenant provided equipment with all related work including millwork, plumbing and electrical. Install device in accordance with manufacturer's specifications and instructions. Contractor shall notify the tenant of all specific information required to coordinate installation of tenant provided equipment.				
14. For interior slabs on grade, use removal methods that will not crack or structurally disturb adjacent slabs or partitions. Use power saw where possible.					3. Rated interior solid core wood doors shall comply with requirements of AWI Section 1300, fd-5 doors. Custom/premium grade doors for transparent finish to match quality of non-rated doors. Core to be non-combustible mineral composition material per label requirements. Stiles and rails securely bonded to core per label requirements. Veneer to be as specified in material legend, "A" grade, edge glued joints for transparent finish.					6. Provide glazing sealants, tapes, and misc. materials with a proven record of compatibility with other materials/surfaces with which they will come into contact, including, but not limited to, glass products, seals of insulating glass units, glazing channel substrates, under conditions of service, as demonstrated by testing and field experience.					DIVISION 13 - SPECIAL CONSTRUCTION				
15. Demolish concrete and masonry in small sections. Cut concrete and masonry at junctures with construction to remain using power-driven masonry saw or hand tools; do not use power driven impact tools.					4. Non-rated interior solid core wood doors shall comply with requirements of AWI Section 1300, pc-5 or doors. Custom grade veneer, bonded particle core doors for opaque finish. Core to be particleboard conforming to ANSI A208.1, 1-4-2 grade. Stiles and rails securely bonded to core, and then entire unit abrasive planed before veneering. Veneer to be sound, close grain hardwood, minimum b grade (minimum 1/50" at 12 % mc), for opaque finish. a. Submit samples of manufacturer's full standard veneer options for owner's selection.					7. Submit shop drawings and product literature for Architect review.					NOT APPLICABLE				
16. Protect from damage all existing work that is to remain in place or becomes exposed during demolition operations.					5. Submit shop drawings, product information and schedules for approval prior to fabrication. Conform to same door and opening designations as shown in the door schedule on the drawings.					DIVISION 14 - CONVEYING EQUIPMENT					DIVISION 16 - SPECIALTIES				
17. General contractor shall maintain existing fire ratings in all areas of demolition.					6. Contractor to submit certificate showing that interior wood doors are to be warranted for life of installation.					8. Submit shop drawings and product literature for Architect review.					NOT APPLICABLE				
18. Provide temporary weather protection during intervals between demolition and removal of existing construction on exterior surfaces and installation of new construction to insure that no water leakage or damage occurs to structure or interior areas of existing building.					7. Door manufacturer's to be considered are as follows (unless otherwise noted on drawings): a. AMPCO, Eggers, VT Industries and Weyerhaeuser door division.					9. Gypsum wall board shall be 5/8" thick (unless otherwise noted on drawings), taped, filled and sanded smooth. Fire-code gypsum wallboard shall be 5/8" thick, taped, filled, sanded smooth, and installed per manufacturer's recommendations for ratings as shown on drawings.					DIVISION 21 - FIRE SUPPRESSION				
19. Owner assumes no responsibility for actual condition of structures to be demolished.					a. Submit samples of manufacturer's full standard veneer options for owner's selection.					10. Supplier to coordinate lock cylinders and keying with Tenant, and master key system for the entire project. Supplier will meet with Tenant as required to finalize keying requirements and document/obtain final instructions in writing.					NOT APPLICABLE				
20. In all areas affected, the contractor shall remove all unused and obsolete electrical, data, and communication wiring. Contractor shall verify with Owner or Owners representative all wiring to be removed prior to performing removal.					5. Submit shop drawings, product information and schedules for approval prior to fabrication. Conform to same door and opening designations as shown in the door schedule on the drawings.					11. Comply with recommendations of flat glass marketing association (FGMA) "glazing manual" and "sealant manual" except where more stringent requirements are indicated.					DIVISION 22 - PLUMBING				
21. If at any time during demolition work a structural element such as a wall, column, floor, brace or support is inadvertently damaged or if a visible structural deformity or cracking occurs or becomes noticeable the contractor shall implement project safety procedures including notifying necessary appropriate emergency personnel immediately. Following implementation of emergency safety procedures, immediately notify the Owner and Architect.					6. Contractor to submit certificate showing that interior wood doors are to be warranted for life of installation.					12. Submit shop drawings and product literature for Architect review.					DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING				
DIVISION 03 - CONCRETE					WOOD DOORS					DIVISION 10 - SPECIALTIES					DIVISION 26 - ELECTRICAL				
1. Extent of concrete work is indicated on drawings and also includes, but is not limited to, the repair of existing concrete slabs where plumbing fixtures, piping, and/or duct work have been removed, or where similar selective demolition work has occurred, the repair of existing concrete sidewalk and steps, and the installation of new handicapped ramp.					1. Where indicated on drawings and shown in schedules, furnish and install new solid core wood doors to match building standard. Door veneer to match existing grain, species and leaf matching. Provide labeled doors where indicated on drawings.					1. Comply with recommendations of flat glass marketing association (FGMA) "glazing manual" and "sealant manual" except where more stringent requirements are indicated.					RE: PLUMBING SPECIFICATIONS.				
2. Provide reinforcing materials as required at all new concrete work to comply with the following codes: a. ASTM A 185, welded steel wire fabric, or fiber mesh additive.					2. Reuse existing doors as indicated on drawings. Refinish doors to match color and sheen of new doors unless otherwise noted on drawings.					2. All interior glass shall be 1/4" minimum, unless otherwise noted, glass thickness shall meet or exceed minimum standards set forth in current ASTM E1300 version.					RE: MECHANICAL SPECIFICATIONS.				
3. Comply with the applicable provisions of the following codes and standards: a. ACI 301 "Spec. For structural concrete buildings" b. ACI 304 "Concrete placement" c. ACI 318 "Building code requirements for reinforced concrete"					3. Rated interior solid core wood doors shall comply with requirements of AWI Section 1300, fd-5 doors. Custom/premium grade doors for transparent finish to match quality of non-rated doors. Core to be non-combustible mineral composition material per label requirements. Stiles and rails securely bonded to core per label requirements. Veneer to be as specified in material legend, "A" grade, edge glued joints for transparent finish.					3. Contractor shall furnish and install tempered safety glass, as indicated on the drawings or otherwise required by code. All safety glass shall be identified as such with visible markings located in corner and suitable for building inspector review and approve.					RE: ELECTRICAL SPECIFICATIONS				
DIVISION 04 - MASONRY					4. Non-rated interior solid core wood doors shall comply with requirements of AWI Section 1300, pc-5 or doors. Custom grade veneer, bonded particle core doors for opaque finish. Core to be particleboard conforming to ANSI A208.1, 1-4-2 grade. Stiles and rails securely bonded to core, and then entire unit abrasive planed before veneering. Veneer to be sound, close grain hardwood, minimum b grade (minimum 1/50" at 12 % mc), for opaque finish. a. Submit samples of manufacturer's full standard veneer options for owner's selection.					4. Unless otherwise noted on the drawings, contractor shall furnish and install clear heat-treated flat glass, ft (fully tempered) of the size as indicated in the documents. Provide glass and glazing material that has been produced, fabricated and installed to withstand normal thermal, wind or impact loading. Fully tempered glass shall comply w/ the requirements for safety glazing in ANSI Z97.1-"standard for glazing materials used in buildings" as well as ASTM C1048 "standard for heat treated flat glass -kind ft coated and uncoated glass. Fully tempered glass shall comply with all local building code and life safety requirements.									
NOT APPLICABLE					5. Submit shop drawings, product information and schedules for approval prior to fabrication. Conform to same door and opening designations as shown in the door schedule on the drawings.					5. Unless otherwise noted on the drawings, contractor shall furnish and install clear heat-treated flat glass, ft (fully tempered) of the size as indicated in the documents. Provide glass and glazing material that has been produced, fabricated and installed to withstand normal thermal, wind or impact loading. Fully tempered glass shall comply w/ the requirements for safety glazing in ANSI Z97.1-"standard for glazing materials used in buildings" as well as ASTM C1048 "standard for heat treated flat glass -kind ft coated and uncoated glass. Fully tempered glass shall comply with all local building code and life safety requirements.									
DIVISION 05 - METALS					6. Contractor to submit certificate showing that interior wood doors are to be warranted for life of installation.					6. Provide galvanized metal doors with shop-applied primer of type and styles indicated on drawings or schedules. Provide non-removable glazing stops installed on public side of door. Glazing beads on inside of glass and lower panels shall be removable. Glazing systems shall be minimum 20 gauge steel. All doors hollow metal doors to be 1 3/4" thick.									
NOT APPLICABLE					7. Door manufacturer's to be considered are as follows (unless otherwise noted on drawings): a. AMPCO, Eggers, VT Industries and Weyerhaeuser door division.					7. Submit shop drawings and product literature for Architect review.									
1					2					3					4				

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H4 OCCUPANCY/EGRESS PLAN

1/4" = 1'-0"

EXIT REQUIREMENTS:

REQUIRED NUMBER OF EXITS PER CODE: NUMBER OF EXITS SHOWN ON PLANS:	2 2
REQUIRED DISTANCE BETWEEN EXIT DOORS PER CODE: ACTUAL DISTANCE BETWEEN EXIT DOORS:	60' - 5" / 3 = 20' - 1 1/2" 59' - 2"
MAXIMUM DEAD END CORRIDOR LENGTH:	20'

OCCUPANCY DATA:

Occupancy Schedule					
RM #	ROOM NAME	AREA	OCCUPANCY	LOAD FACTOR	OCCUPANT LOAD
101	DINING	580 SF	ASSEMBLY UNCONCENTRATED	15	39
102	KITCHEN/PREP	295 SF	COMMERCIAL KITCHEN	200	2
103	HALL	31 SF	UNOCCUPIED	0	0
104	WOMEN'S RESTROOM	51 SF	UNOCCUPIED	0	0
105	MEN'S RESTROOM	50 SF	UNOCCUPIED	0	0
106	CLEAN-UP	360 SF	COMMERCIAL KITCHEN	200	3
107	WALK-IN REF	54 SF	STORAGE	300	1
108	FREEZER	28 SF	STORAGE	300	1
Grand total: 8		1450 SF			46

NOTE: AREA SQUARE FOOTAGE SHOWN ARE FOR THE BUILDING CODE OFFICIAL'S USE AND REVIEW ONLY. **AREA CALCULATIONS SHOWN NOT RELATED TO TENANT LEASING INFORMATION.**

EXIT ACCESS TRAVEL DISTANCES

Path ID	Common Path Distance	Allowable Common Path	Actual Travel Distance	Allowable Travel Distance
A	22' - 10"	100' - 0"	78' - 6"	250' - 0"
B	22' - 10"	100' - 0"	59' - 4"	250' - 0"

LEGEND



COMMON PATH PORTION OF TRAVEL PATH



TRAVEL PATH

36"	→	ACTUAL EGRESS LOAD
180"	→	MAX EGRESS CAPACITY
36"	→	DOOR WIDTH

DOOR TAG

ASSEMBLY UNCONCENTRATED

COMMERCIAL KITCHEN

STORAGE

UNOCCUPIED

SHEET NOTES:

A) REFERENCE COVER SHEET FOR BUILDING CODE SUMMARY

PLUMBING FIXTURE REQUIREMENTS

NAME	WATERCLOSETS		URINALS	LAVATORIES		DRINKING FOUNTAINS	
	MALE	FEMALE		MALE	FEMALE	REG.	ACC.
RESTROOM	1	1	0	1	1	*0	*0

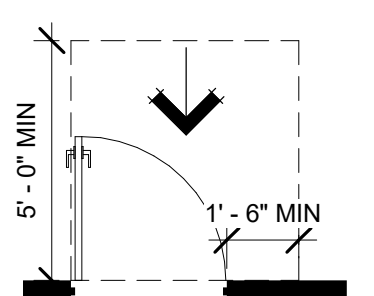
*PER SECTION 415.2 OF THE UNIFORM PLUMBING CODE: WHERE WATER IS SERVED IN RESTAURANTS, DRINKING FOUNTAINS SHALL NOT BE REQUIRED

GENERAL DOOR AND HARDWARE NOTES:

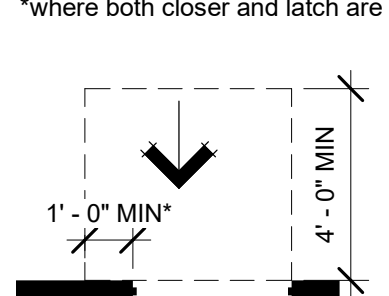
- A) HAND ACTIVATED DOOR OPENING HARDWARE IS TO BE MOUNTED 34" - 48" ABOVE THE FLOOR AND BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE.
- B) LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PUSH/PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED AND APPROVED FOR PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPERATING HARDWARE.
- C) MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS OF FORCE FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS. SUCH FORCE BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHERE FIRE DOORS ARE REQUIRED, THE MAXIMUM FORCE REQUIRED TO OPERATE THE DOOR MAY BE INCREASED TO 15 POUNDS.
- D) THE BOTTOM 10" OF ALL NON-AUTOMATED HINGED DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- E) EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3'-0" IN WIDTH NOT LESS THAN AND 6'-8" IN HEIGHT. ALL DOORS SHALL BE CAPEABLE OF OPENING A MINIMUM OF NINETY DEGREES AND SHALL BE MOUNTED SUCH THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32" WITH THE DOOR AT NINETY DEGREES FROM THE CLOSED POSITION. ONE DOOR OF A PAIR OF DOORS SHALL MEET THE MINIMUM WIDTH REQUIREMENTS.
- F) MAXIMUM HEIGHT OF THRESHOLD TO BE 1/2". MAXIMUM VERTICAL RISE AT EDGE IS 1/4" WITH A MAXIMUM BEVEL OF 22 DEGREES.
- G) ALL REUSED DOORS AND HARDWARE TO BE FULLY INSPECTED FOR SOUNDNESS AND FUNCTION. ANY REUSEABLE COMPONENT SHALL BE CLEANED, OILED, PATCHED, REFINISHED PRIOR TO REINSTALLATION IN NEW WORK.
- H) GENERAL CONTRACTOR AND HARDWARE SUPPLIER SHALL BE RESPONSIBLE FOR COODINATING ALL LOCKING, LATCHING, CLOSURE AND KEYING REQUIREMENTS FOR TENANT USE.
- J) IT SHALL BE THE SPECIFIC DUTY AND RESPONSIBILITY OF THE FINISH HARDWARE SUPPLIER TO EXAMINE DRAWINGS AND SCHEDULES AND FURNISH PROPER HARDWARE FOR ALL NEW AND/OR MODIFIED OPENINGS FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL SUBMIT A HARDWARE SCHEDULE TO ARCHITECT FOR REVIEW AND APPROVAL OF TYPES AND STANDARDS OF QUALITY PRIOR TO ORDERING.
- K) MATCH EXISTING OPENING WIDTH, HEAD & JAMB GWB CONSTRUCTION.
- L) ALL NEW DOORS TO HAVE 1/4" MAXIMUM UNDERCUT U.O.N.

Maneuvering Clearance at Swinging Doors (from 28 CFR Part 36; ADA Standards for Accessible Design; Figure 25)

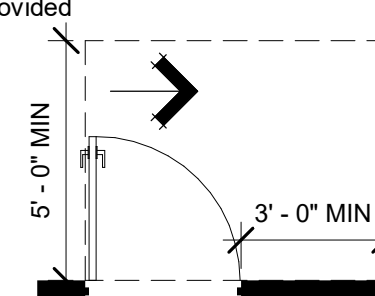
(A) Front approach, pull side



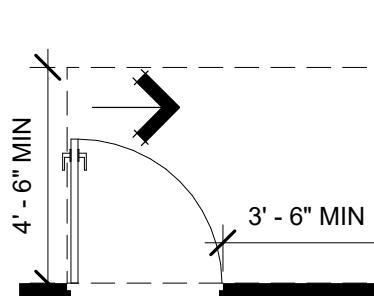
(B) Front approach, push side



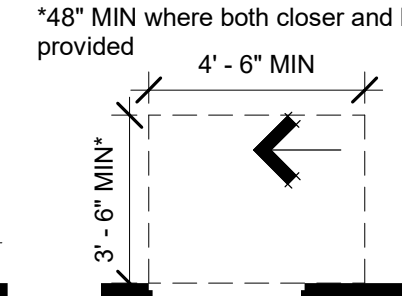
(C) Hinge approach, pull side



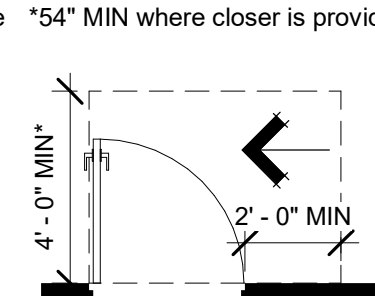
(D) Hinge approach, pull side



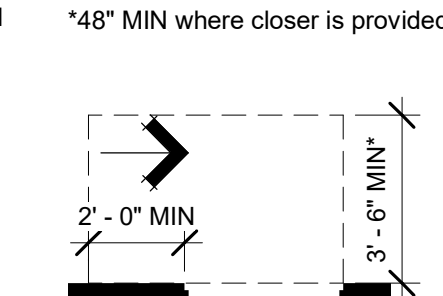
(E) Hinge approach, push side



(F) Latch approach, pull side

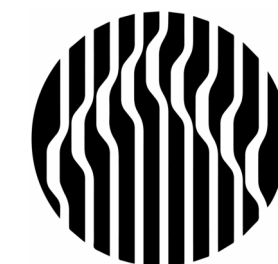


(G) Latch approach, push side



S12 Required Door Clearances

1/4" = 1'-0"



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JERSEY MIKES - KANSAS CITY

15 NW Barry Rd
Kansas City, MO 64118

#	Description	Date
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Missouri Architect in responsible Charge - Ronald Wayne Raim AR-5489



10/12/2026

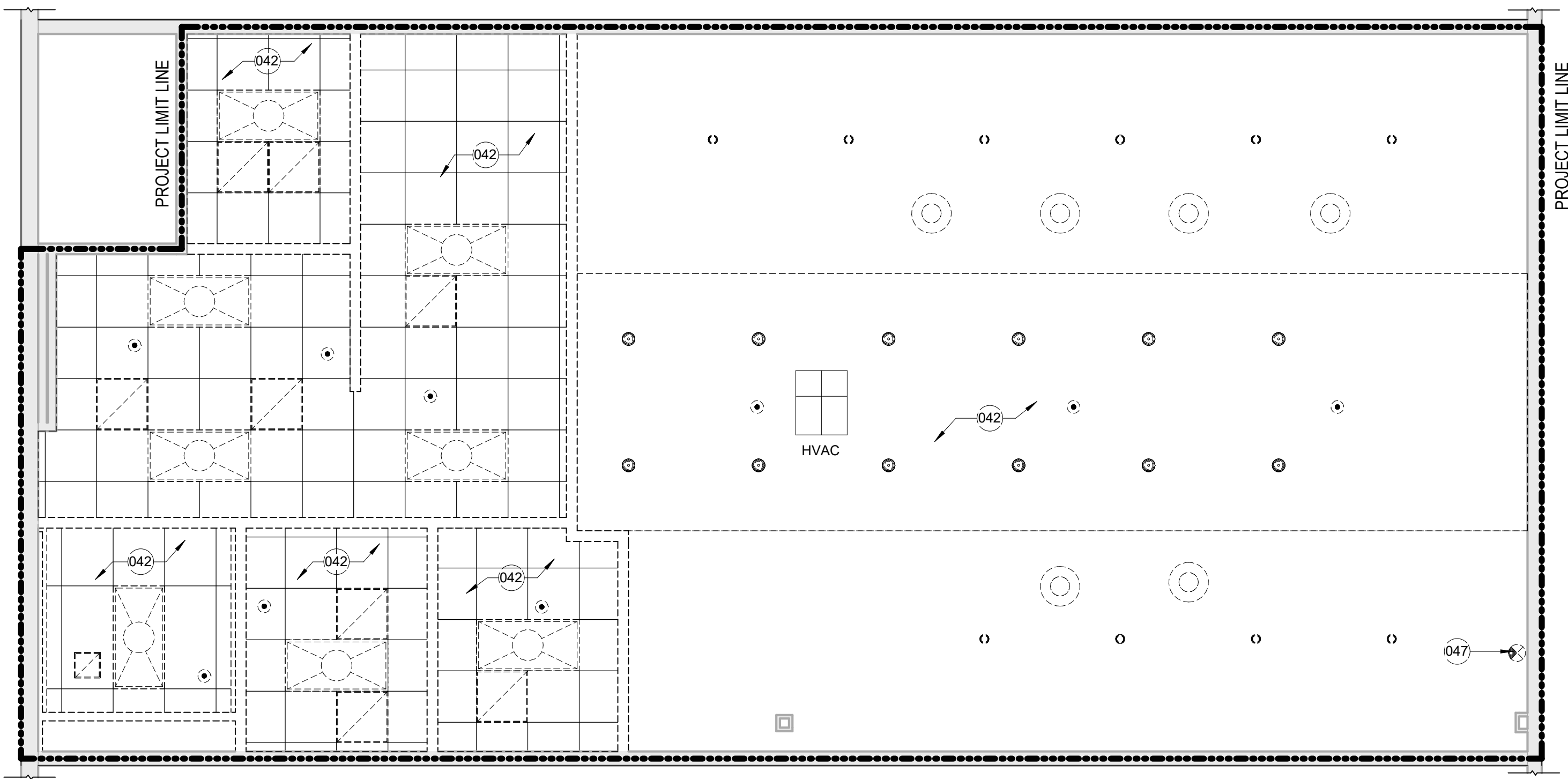
ISSUED FOR PERMIT

Client Approval

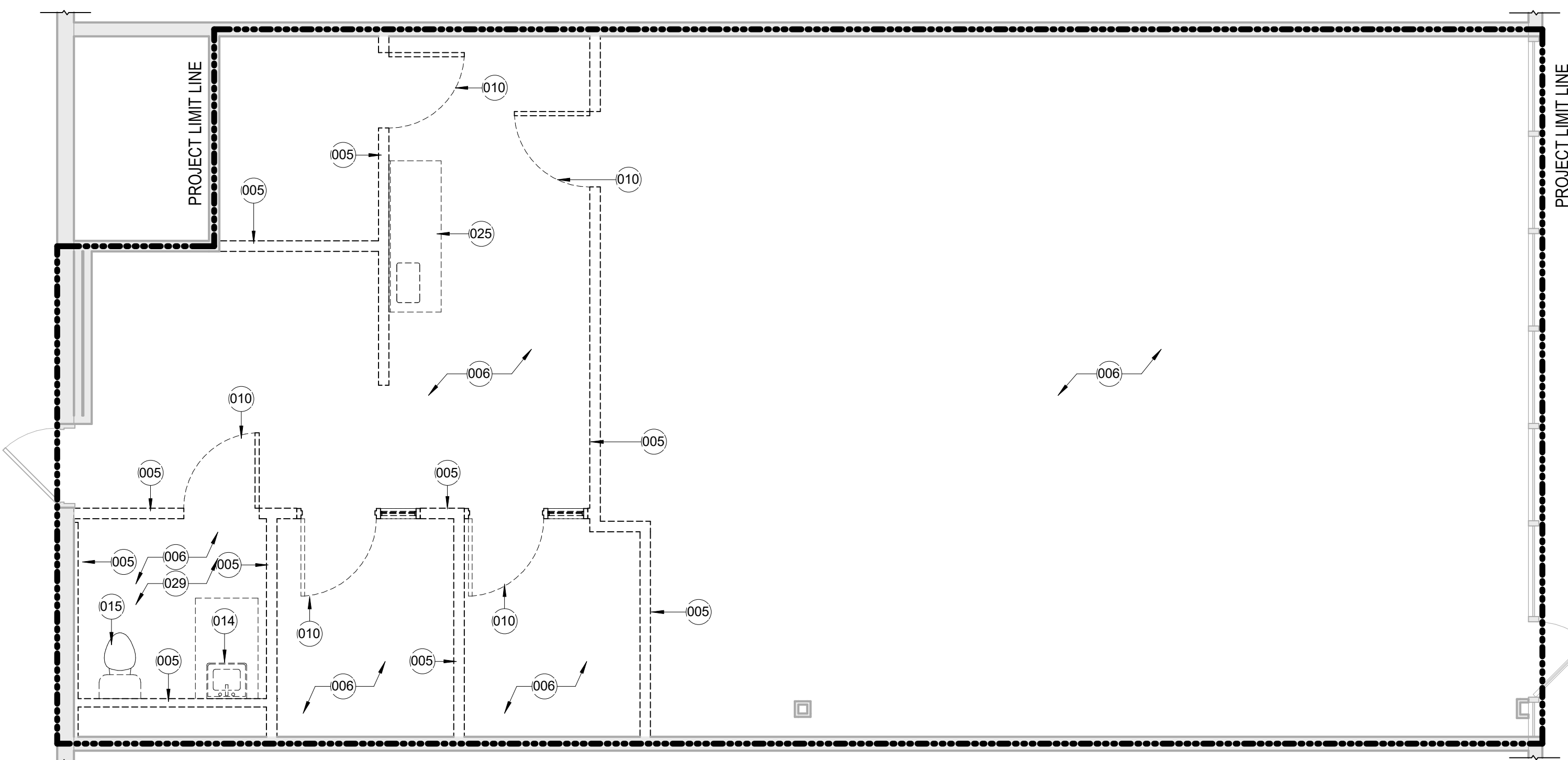
OCCUPANCY AND EGRESS PLAN

Project #	43426-M001
Issue Date	10/09/2026
Scale	As indicated
Drawn by	RS
Checked by	MMR

A0.3



H2 DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"



P2 DEMOLITION FLOOR PLAN
1/4" = 1'-0"

SHEET NOTES:

- DASHED LINES ON DEMOLITION PLAN REPRESENT ITEMS TO BE DEMOLISHED.
- PROTECT EXISTING WORK INDICATED TO REMAIN FROM DAMAGE DURING PERFORMANCE OF THE WORK. RESTORE DAMAGED WORK TO ORIGINAL CONDITION IN MANNER TO ELIMINATE EVIDENCE OF REPAIR.
- PRIOR TO START OF WORK VERIFY SCOPE OF DEMOLITION INDICATED. ADJUST SCOPE OF DEMOLITION AS NEEDED TO ALLOW FOR PRIOR INSTALLATION OF NEW WORK.
- PREPARE ALL SURFACES PER MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FINISHES.
- DEMO ITEMS INDICATED IN THEIR ENTIRETY TO SUBSTRATE. DEMO CONDUIT, CONDUCTORS, HANGERS, PIPING AND SIMILAR WORK TO SOURCE.
- VERIFY AND MAINTAIN EXISTING FIRE RATINGS OF EXISTING BUILDING COMPONENTS (DOORS, FRAMES, WALLS, ETC). MAINTAIN RATINGS THROUGHOUT NEW/DEMOLITION CONSTRUCTION ACTIVITIES.

KEYNOTES:

KEY #	KEYNOTE TEXT
005	DEMO WALL AND RELATED FINISHES.
006	DEMO FLOOR AND ASSOCIATED WALL BASE. PREPARE SURFACE BENEATH FOR INSTALLATION OF NEW FLOOR PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
010	DEMO DOOR, HARDWARE, AND FRAME.
014	DEMO LAVATORY.
015	DEMO WATER CLOSET.
025	DEMO COUNTERTOP AND ASSOCIATED MILLWORK.
029	DEMO RESTROOM ACCESSORIES.
042	DEMO CEILING, LIGHTING, DIFFUSERS AND EXHAUST FAN. COORDINATE W/ ELECTRICAL AND MECHANICAL PLANS.
047	DEMO EXIT LIGHT.

WALL & DOOR LEGEND

	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN.
	PARTITION
	INSULATED PARTITION
	LOW PARTITION, SEE SECTIONS FOR HEIGHT
	RATED PARTITION
	EXISTING DOOR TO REMAIN
	NEW CONSTRUCTION DOOR



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#	Description	Date
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Missouri Corporate Authority Number #814
Missouri Architect in responsible charge - Ronald Marvin Raim AR-5489



10/12/2026

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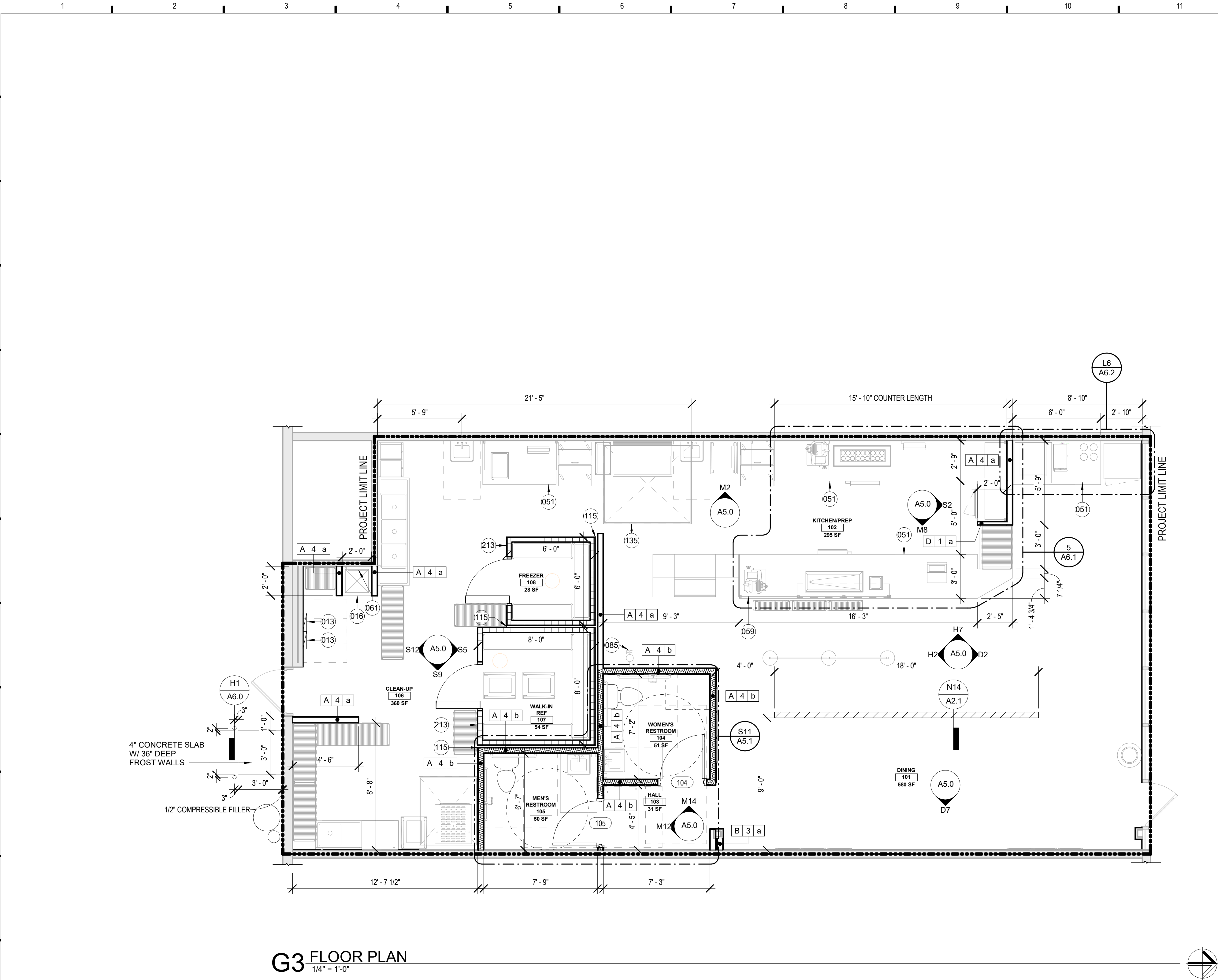
Client Approval

DEMOLITION PLAN

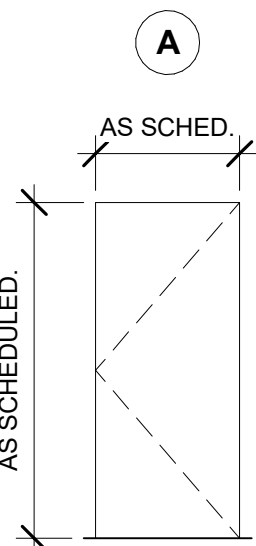
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Issue Date	10/09/2026
Scale	As indicated
Drawn by	RS
Checked by	MMR

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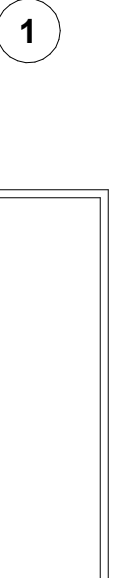
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DOOR TYPES:



FRAME TYPES:



DOOR SCHEDULE

DOOR #	WIDTH	HEIGHT	DOOR			FRAME		Comments
			TYPE	MATERIAL	HARDWARE	TYPE	MATERIAL	
104	3' - 0"	7' - 0"	A	WD-SC	HW1	1	HM	FINISH DOOR PT-5.
105	3' - 0"	7' - 0"	A	WD-SC	HW1	1	HM	FINISH DOOR PT-5.

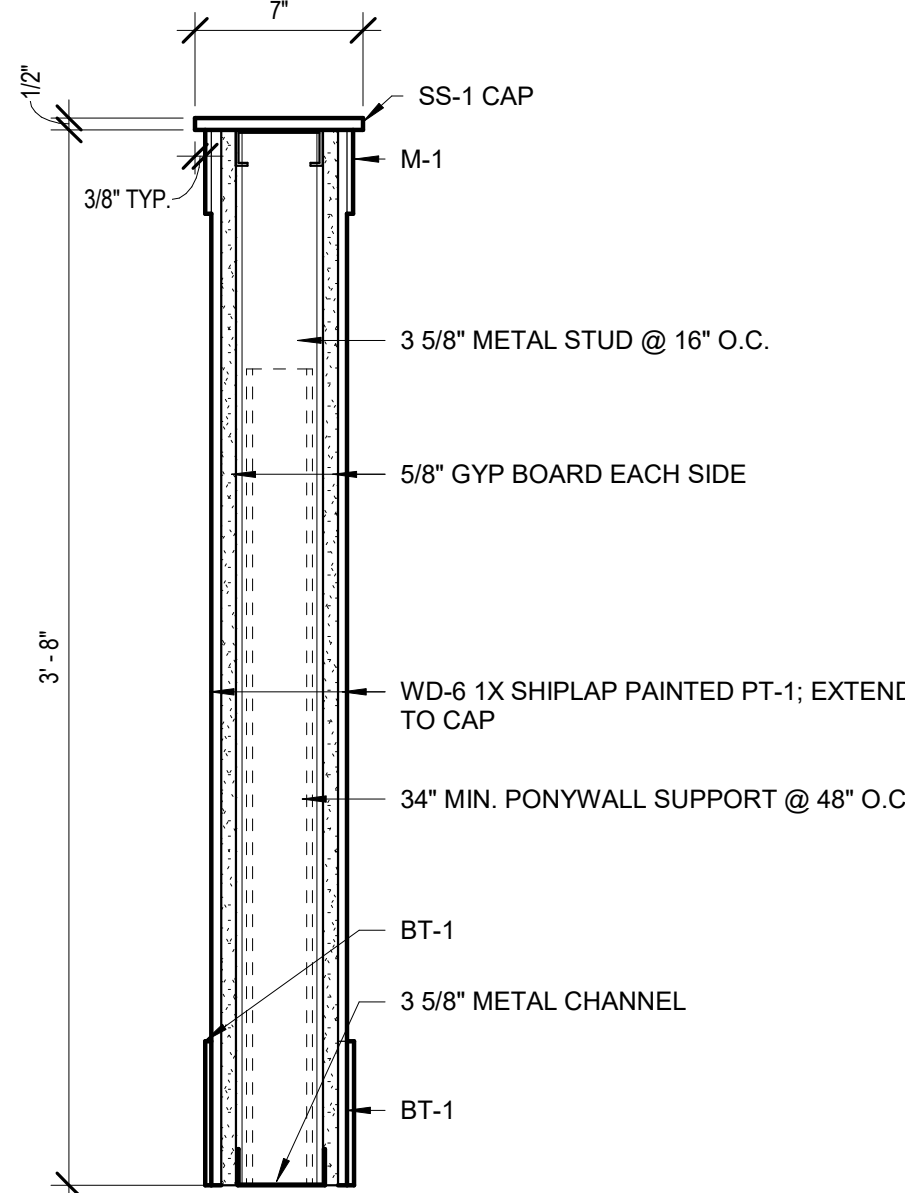
WALL AND DOOR LEGEND

	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN.
	PARTITION
	INSULATED PARTITION
	LOW PARTITION, SEE SECTIONS FOR HEIGHT
	RATED PARTITION
	EXISTING DOOR TO REMAIN
	NEW CONSTRUCTION DOOR

HARDWARE

HW1	INTERIOR RESTROOM (1 1/2) BB BUTTS (1) EA CYLINDRICAL LOCKSET, F76 W/ OCCUPANCY INDICATOR (1) EA CLOSER (1) EA WALL STOP (1) EA SS MOP PLATE
-----	---

N14 HALF HEIGHT WALL SECTION
1 1/2" = 1'-0"



SHEET NOTES:

- ALL DOOR OPENINGS PERPENDICULAR TO A WALL ARE 4" FROM THE WALL UON
- ALL DIMENSIONS ARE TO FINISH FACE OF GWB UON
- REFERENCE SHEET A6.0 FOR PARTITION TYPES
- PROVIDE HARDWARE BY FOLLOWING MANUFACTURERS, OR EQUAL:
BUTTS: STANLEY, MCKINNEY
LOCKSETS: SHLAGE ND40
CLOSERS: LCS 4041
ACCESSORIES: ROCKWOOD, PIMCO
HARDWARE FINISH: BRASS BASE 626 SATIN CHROME

KEYNOTES: (XX)

KEY #	KEYNOTE TEXT
013	NEW ELECTRICAL PANELS. REF. ELECTRICAL DRAWINGS.
016	NEW MOP SINK BASIN, REF. PLUMBING DRAWINGS
051	MILLWORK/CASEWORK BY GC
059	HALF-HEIGHT PARTITION BELOW, SEE SECTIONS
061	WATER HEATER. REF. PLUMBING DRAWINGS FOR MORE INFORMATION.
085	PROVIDE FIRE EXTINGUISHER PER APPLICABLE FIRE CODE.
115	CLOSE OFF CORNERS OF WALK-IN COOLER BOX TO ADJACENT WALLS. USING 16 GA STAINLESS STEEL CLOSURE TRIM, EXTENDING FROM FLOOR TO CEILING.
135	TYPE I HOOD TO BE DESIGNED TO MEET 0 INCH REQUIREMENT FOR CLEARANCE TO COMBUSTIBLE MATERIALS IN ACCORDANCE WITH UL 710.
213	PROVIDE 3 5/8" METAL STUD W/ 5/8" GYP. BULKHEAD ABOVE WALK IN COOLER AND WALK IN FREEZER. FINISH W-2.



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St. Louis, MO 63102
314.367.6100
www.oculusinc.com



JERSEY MIKES - KANSAS CITY

15 NW Barry Rd
Kansas City, MO 64118

#	Description	Date
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Missouri Corporate Authority Number #814
Missouri Architect in responsible Charge - Ronald Wayne Rain AR-5489



10/12/2026

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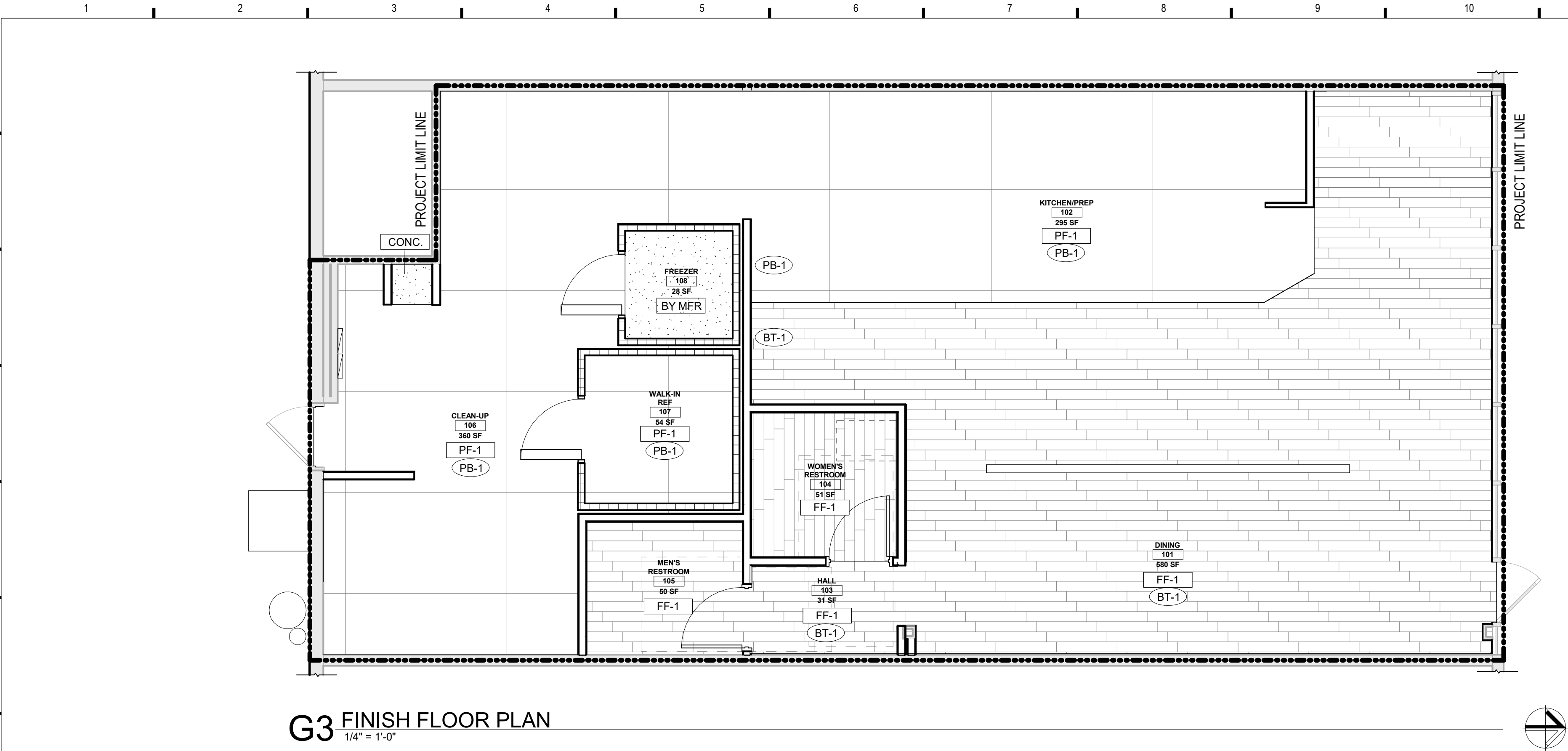
Client Approval

ARCHITECTURAL
FLOOR PLAN

Project #	43426-M001
Issue Date	10/09/2026
Scale	As indicated
Drawn by	RS
Checked by	MMR

A2.1

10/09/2026 12:27:23 PM JERSEY MIKES - KANSAS CITY



G3 FINISH FLOOR PLAN
1/4" = 1'-0"

FINISH SPECIFICATIONS XX

FLOORING AND WALL BASE					
TAG	SOURCE	TYPE	DESCRIPTION	COLOR	COMMENTS
FF-1	DAL TILE	PROCELAIN TILE	6X36 JM BROWN WOOD	PART #N813 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". PATTERN TO BE INSTALLED IN RANDOM ARRANGEMENT.
PF-1	OSCODA PLASTICS	PROTECT ALL COMMERCIAL FLOORING	RUBBER FLOORING	1/4" DARK GREY - 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.
BT-1	DAL TILE	PROCELAIN TILE	IRON CRAFT	SABLE BLACK IC15 - UNPOLISHED	CUT FULL 12"X24" TILE (WT-2) DOWN TO 6"X12" FOR DINING ROOM WALL BASE. AND 4"X12" ON MILLWORK TOE KICK IN CUSTOMER AREAS. USE SCHLUTER DILEX-AHK (POLISHED NICKEL) WHEN COVE BASE APPLICATION IS REQUIRED. GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09.
PB-1	OSCODA PLASTICS	PROTECT ALL COMMERCIAL FLOORING WALL BASE	RUBBER FLOORING	1/4" DARK GREY - MATTE	6" HEIGHT WITH RAPID WELD COVE BASE SYSTEM. WALL BASE TO BE INSTALLED BY AN APPROVED INSTALLER

- NOTES:
1. IF INTERIOR TRANSITIONS STRIPS ARE TO BE REQUIRED, USE SCHULTER-RENO IN SATIN ANODIZED ALUMINUM.
2. FOR COVE BASE APPLICATION IN THE RESTROOM(S), USE SCHLUTER DILEX-AHK (POLISHED NICKEL) BELOW FULL WT-2 TILES. NO CUT TILE IS REQUIRED. REFER TO ELEVATIONS.

COUNTER FINISHES					
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
SS-1	COUNTERTOP	CONSENTINO	SILESTONE - ETERNAL SERIES 2 CM	CHARCOAL SOAPSTONE - SUEDE	COUNTERTOP FINISH FOR ALL MILLWORK

WOOD					
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.
WD-3	BAR COUNTER	FIVE KIDS GROUP, INC	TEAK		GC TO ORDER FROM FIVE KIDS GROUP. TABLETOP TO MATCH DINING ROOM TABLE TOPS
WD-4	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 9099	BEHIND BEACH CHAIR GRAPHICS IN DINING ROOM - REFER TO ELEVATIONS. FACE OF COUNTER ON THE FRONT LINE.
UPHOLSTERY					
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
UP-1	BANQUETTE	NASSAMI	TOLSTOY - SYMPHONY COLLECTION	WHISKEY	BANQUETTE SEATING - 3" THICK FOAM

WALL FINISHES					
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
W-1	STAINLESS STEEL WAINSCOT	CAPTIVE AIRE	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

LAMINATES					
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.

PAINT					
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
PT-1	SHIP LAP, SOFFIT, AND RESTROOM CEILINGS	BENJAMIN MOORE	OC-130	CLOUD WHITE, SATIN	CUSTOMER AREA SHIPLAP (AND SHIPLAP TRIM), FRONT LINE SOFFIT, AND RESTROOM WALLS (ABOVE TILE)
PT-2	5/8" GWP PAINTED	BENJAMIN MOORE	1613	SILENT NIGHT, SATIN	DINING ROOM AND HALLWAY WALLS ABOVE CHAIR RAIL.
PT-3	DOOR FRAME, WHEN OPEN CEILING - UPPER DINING ROOM WALLS AND DINING ROOM CIELING	BENJAMIN MOORE	1615	ROCK GRAY, SATIN	DOOR FRAME, IN OPEN CEILING CONDITION, EVERYTHING ABOVE 12' AFF IN DINING ROOM
PT-4					
PT-5	INTERIOR DOORS	MINWAX	WOOD FINISH PENETRATING STAIN	WEATHER OAK 270	FINISH WITH CLEAR TOP COAT
PT-6	LOW WALL/ SILL CAP	BENJAMIN MOORE	#2132-10	BLACK, EGGSHELL OR SEMI GLOSS	LOW WALL CAP AND WINDOW SILL FINISH.

WALL TILE					
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
WT-1	CERAMIC TILE	DAL TILE	2X8 MOD JM BLUE	PART#: N519 JM28MOD1P2. GROUT: MAPEI ULTRACOLOR PLUS FA-IRON 107 SABLE BLACK	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	IRONCRAFT	IC15-UNPOLISHED - 12"X24". GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09.	BATHROOM BOTTOM WALL TILE. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING

METAL					
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

FINISH FLOOR NOTES

- NO PAINTING OR INTERIOR FINISHING SHALL BE DONE UNDER CONDITIONS WHICH WILL JEOPARDIZE THE QUALITY OR APPEARANCE OF SUCH WORK.
- ALL SURFACES SHALL BE PREPARED TO RECEIVE THE SPECIFIED FINISH. FINISH GYPSUM BOARD EXPOSED TO VIEW TO LEVEL 4.
- PROVIDE ONE PRIMER COAT AND 2 FINISH COATS AT ALL PAINTED WALLS.
- ALL VERTICAL SURFACES U.O.N. SHALL RECEIVE WALL BASE.
- EXAMINE ALL FINISH SURFACES AFTER COMPLETION OF WORK AND "TOUCH-UP" AS REQUIRED.
- UPON COMPLETION, REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED OR SPLATTERED ON EXPOSED SURFACES.
- ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER CENTER OF DOOR, WHERE OCCURS. U.O.N.

ROOM FINISH SCHEDULE

RM #	RM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
101	DINING	FF-1	BT-1	SEE ELEV.	CT-2	
102	KITCHEN/PREP	PF-1	PB-1	SEE ELEV.	CT-1	
103	HALL	FF-1	BT-1	SEE ELEV.	CT-2	
104	WOMEN'S RESTROOM	FF-1	-	SEE ELEV.	CT-3	
105	MEN'S RESTROOM	FF-1	-	SEE ELEV.	CT-3	
106	CLEAN-UP	PF-1	PB-1	SEE ELEV.	CT-1	
107	WALK-IN REF	PF-1	PB-1	BY MFR.	BY MFR.	
108	FREEZER	BY MFR.	BY MFR.	BY MFR.	BY MFR.	SEE L11/A6.3.



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Missouri Architect in responsible Charge - Ronald Marvin Rasm AR-5489



10/12/2026

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Client Approval

FINISH PLAN AND SCHEDULE

Project # 43426-M001

Issue Date 10/09/2026

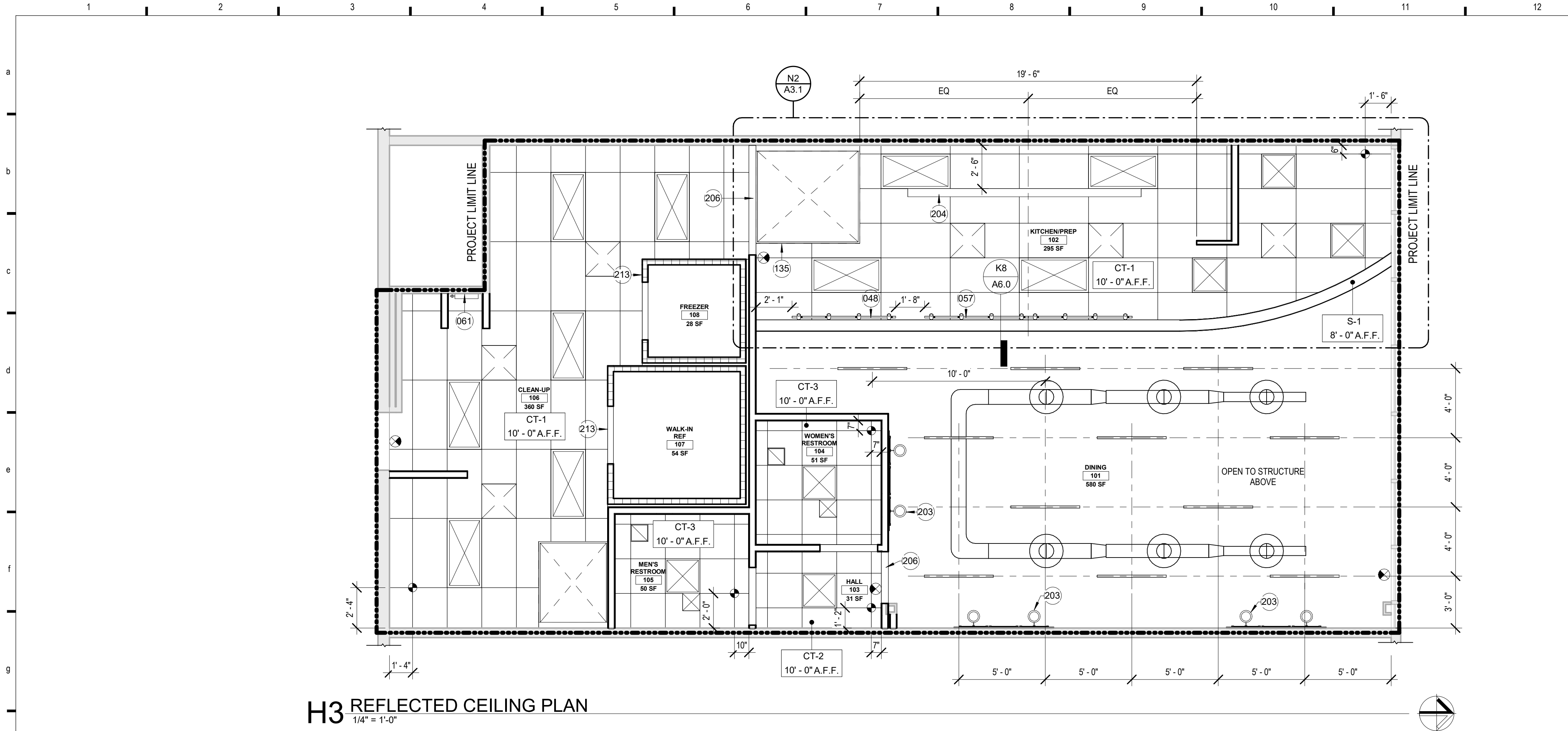
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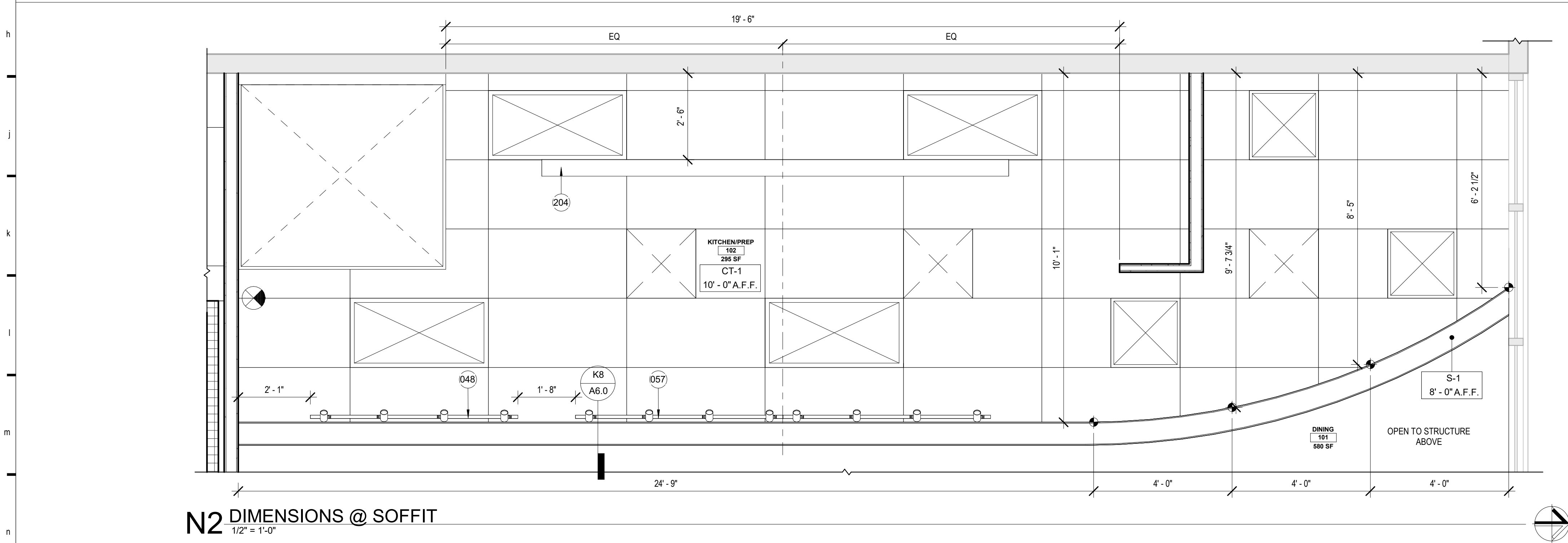
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H3 REFLECTED CEILING PLAN
1/4" = 1'-0"



N2 DIMENSIONS @ SOFFIT
1/2" = 1'-0"

CEILING LEGEND

CEILING SCHEDULE					
TAG	SOURCE	TYPE	COLOR	SIZE	COMMENTS
CT-1	SOURCE: ARMSTRONG	ACOUSTIC CEILING TILE VINYL FACED	WHITE VINYL	SIZE: 2' X 4'	FOOD PREP AREAS HD APPROVED VINYL FACED
CT-2	SOURCE: ARMSTRONG	ACOUSTIC CEILING TILE FISSURED 2X2 WITH TEGULAR EDGE	WHITE	SIZE: 2' X 2'	CUSTOMER AREA AND RESTROOM VESTIBULE
CT-3	SOURCE: ARMSTRONG	VINYL CEILING TILE FISSURED 2X2 WITH TEGULAR EDGE	WHITE	SIZE: 2' X 2'	RESTROOMS
S-1	SOURCE: BENJAMIN MOORE	FYP. SOFFIT		SEE ENLARGED RCP	SEE DETAIL
OC-1	OPEN CEILING	EXISTING	PT-3		DINING ROOM ONLY. FINISHES EXTENDED TO 12' AFF. EVERYTHING ABOVE TO BE PAINTED PT-3

SHEET NOTES:

- FIXTURES SHOWN ARE FOR LOCATION INFORMATION ONLY. REFERENCE MEP DRAWINGS FOR FIXTURE DESIGNATIONS AND CONNECTIONS.
- REFERENCE ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATION OF LIGHT FIXTURES.

KEYNOTES:xx

KEY #	KEYNOTE TEXT
048	TRACK LIGHTS TO BE POINTED DOWN TOWARD THE MEAT CASE AND SLICER.
057	DIRECT LIGHTS ON MENU
061	WATER HEATER. REF. PLUMBING DRAWINGS FOR MORE INFORMATION.
135	TYPE I HOOD TO BE DESIGNED TO MEET 0 INCH REQUIREMENT FOR CLEARANCE TO COMBUSTIBLE MATERIALS IN ACCORDANCE WITH UL 710.
203	REF ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION OF LIGHT FIXTURE.
204	SUSPENDED MENU, PROVIDED BY OTHERS
206	FINISHED HEIGHT OF BULKHEAD TO BE 7'-0" AFF. PAINT UNDERSIDE OF HEADER PT-1.
213	PROVIDE 3 5/8" METAL STUD W/ 5/8" GYP. BULKHEAD ABOVE WALK IN COOLER AND WALK IN FREEZER. FINISH W-2.

LEGEND

- LED FIXTURE (2x2 FLAT PANEL)
- LED FIXTURE (2x2, 2X4, ETC). WITH PRISMATIC ACRYLIC LENS
- EXIT LIGHT. SEE SCHEDULE.
- DIFFUSERS AND RETURNS. FOR REFERENCE ONLY. "N" DESIGNATION DENOTES NEW FIXTURE (TYP.)



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REFLECTED CEILING PLAN

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A3.1

D2 DINING - NORTH
1/4" = 1'-0"

H2 DINING - SOUTH
1/4" = 1'-0"

M2 KITCHEN /CLEAN UP - WEST
1/4" = 1'-0"

S2 KITCHEN NOOK - NORTH
1/4" = 1'-0"

D7 DINING - EAST
1/4" = 1'-0"

H7 DINING - WEST
1/4" = 1'-0"

M8 KITCHEN/CLEAN UP - EAST
1/4" = 1'-0"

S9 CLEAN UP - EAST
1/4" = 1'-0"

M12 HALL - SOUTH
1/4" = 1'-0"

S12 CLEAN UP - SOUTH
1/4" = 1'-0"

M14 HALL - WEST
1/4" = 1'-0"

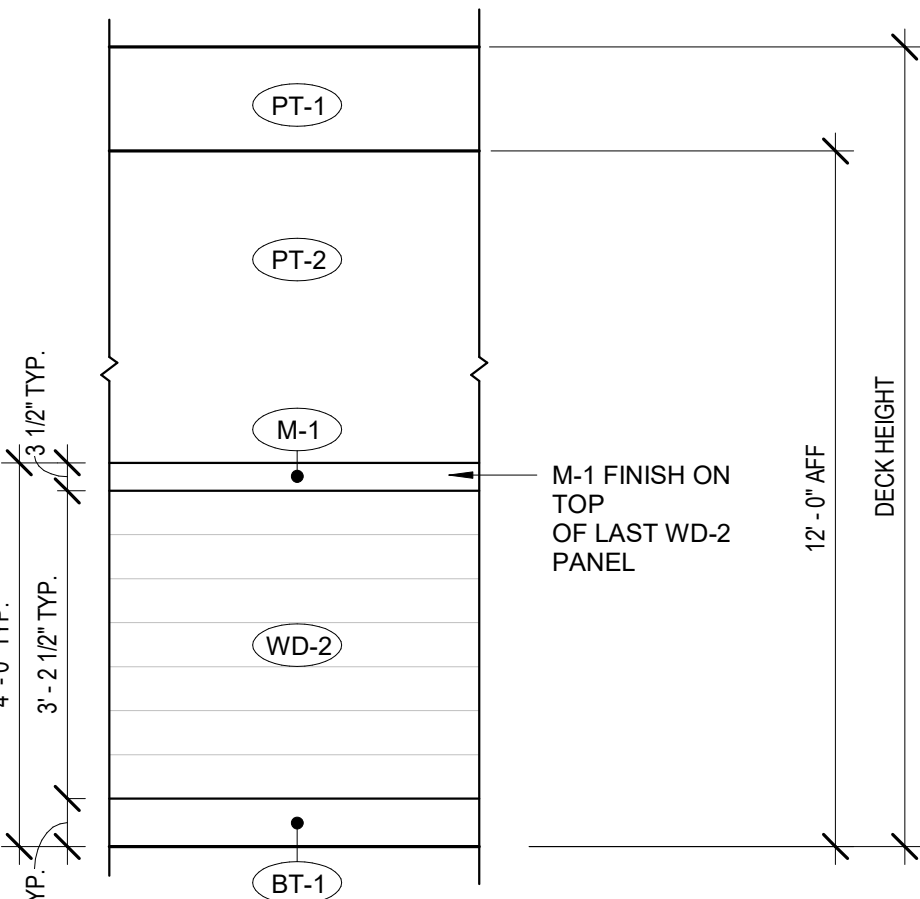
S5 CLEAN UP - NORTH
1/4" = 1'-0"

SHEET NOTES:

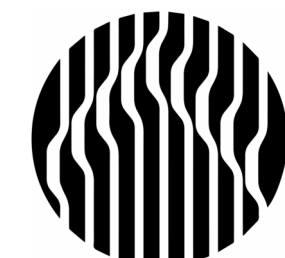
- PROVIDE BLOCKING WHERE NEEDED TO SUPPORT WALL MOUNTED EQUIPMENT AND FIXTURES. COORDINATE LOCATIONS WITH INSTALLER. INSTALL BLOCKING PRIOR TO CLOSING UP WALL.
- REFER TO FINISHES LEGEND - (A2.2) FOR FINISH DESIGNATIONS.
- REFER TO FINISH SCHEDULE - (A3.1) FOR CEILING TYPES
- REFER TO R1.1 FOR EQUIPMENT INFORMATION

KEYNOTES:

KEY #	KEYNOTE TEXT
002	EXISTING ELECTRIC PANEL TO REMAIN. REF. ELECTRICAL DRAWINGS
013	NEW ELECTRICAL PANELS. REF. ELECTRICAL DRAWINGS.
048	TRACK LIGHTS TO BE POINTED DOWN TOWARD THE MEAT CASE AND SLICER.
057	DIRECT LIGHTS ON MENU
061	WATER HEATER. REF. PLUMBING DRAWINGS FOR MORE INFORMATION.
095	GC TO ADD SYMBOL OF ACCESSIBILITY COMPLYING WITH ADA REQUIREMENTS. TACTILE LETTERS SHALL BE CONTRACTED (GRADE 2) AND SHALL BE BETWEEN 48 AND 60 INCHES AFF.
112	SCHLUTER EDGE AT OPENING-REFER TO FINISH SCHEDULE
115	CLOSE OFF CORNERS OF WALK-IN COOLER BOX TO ADJACENT WALLS, USING 16 GA STAINLESS STEEL CLOSURE TRIM, EXTENDING FROM FLOOR TO CEILING.
116	SCHLUTER EDGE AT MATERIAL TRANSITION - REFER TO FINISH SCHEDULE



J14 TYPICAL WAINSCOT DETAIL
1/2" = 1'-0"



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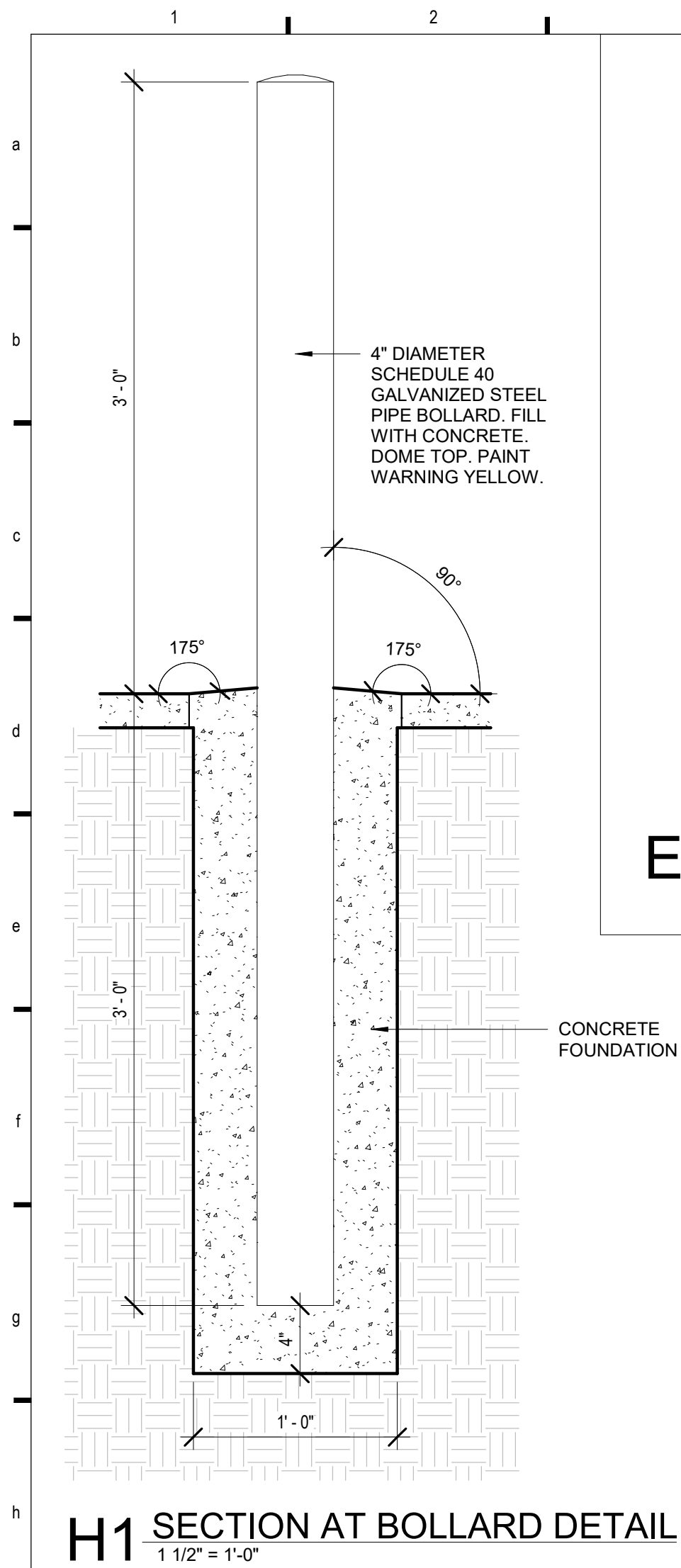
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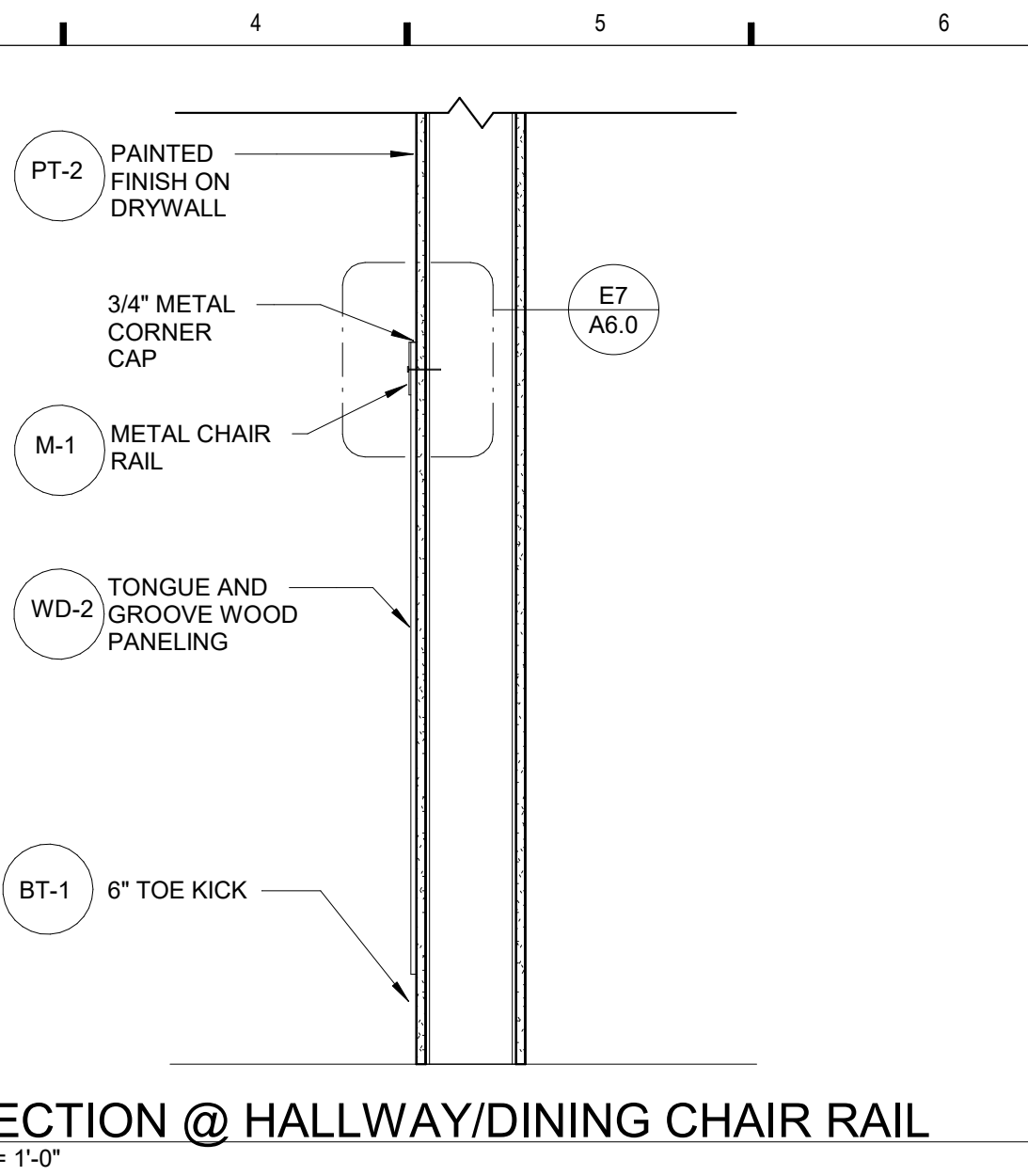
**INTERIOR
ELEVATIONS**

Project #	43426-M001
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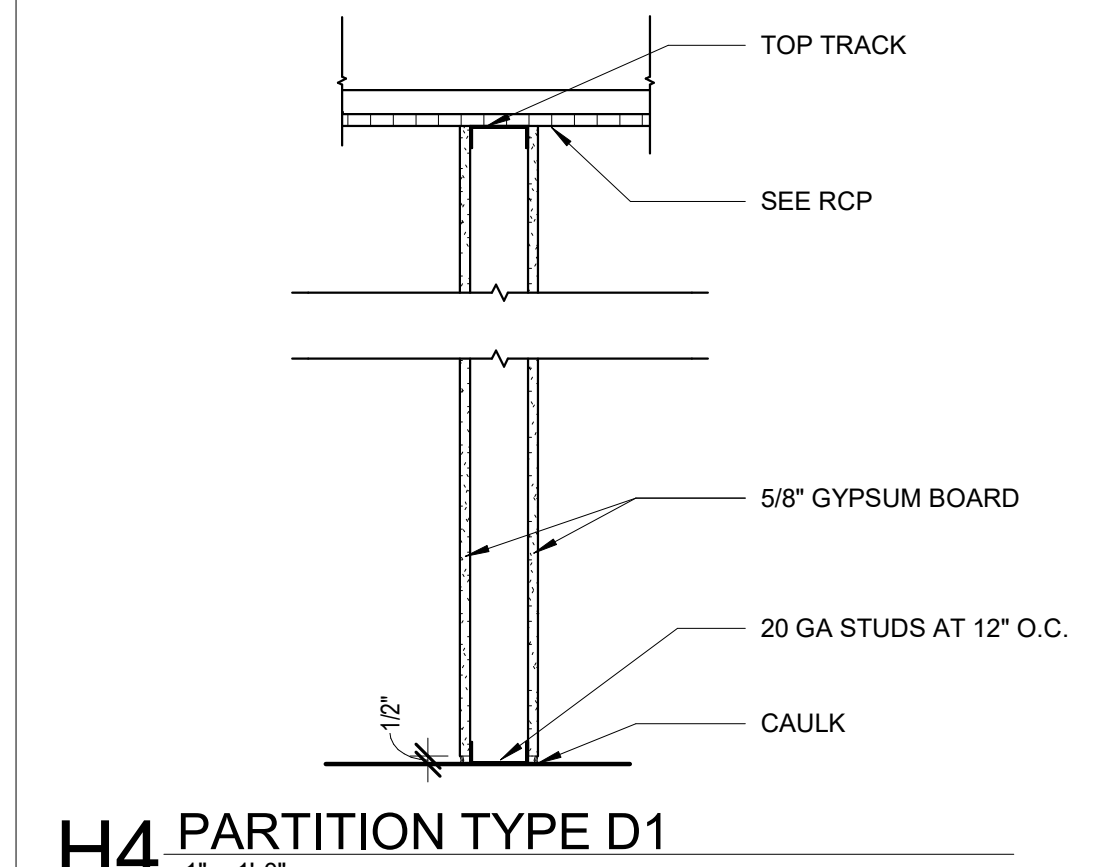
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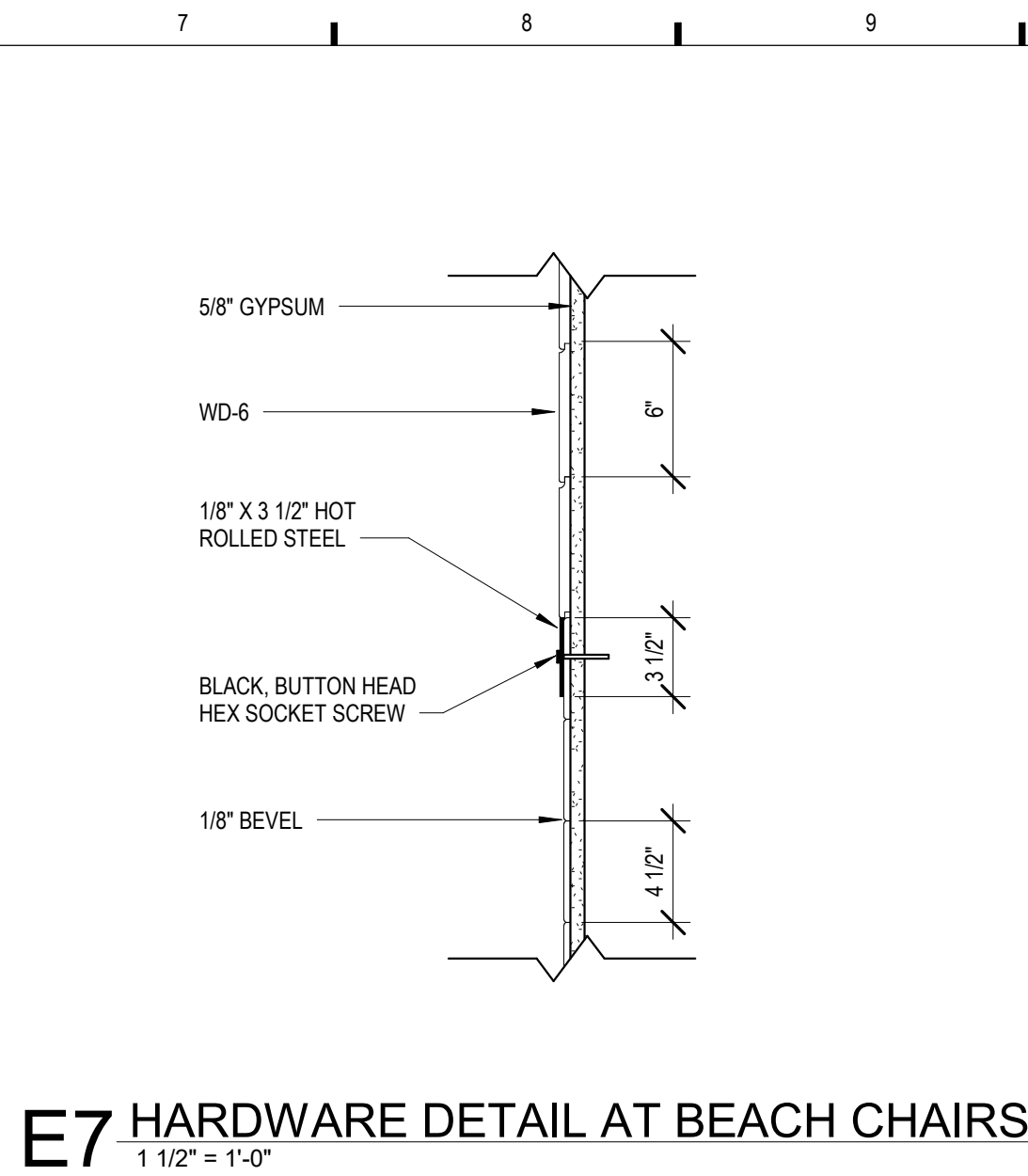
H1 SECTION AT BOLLARD DETAIL
1 1/2" = 1'-0"



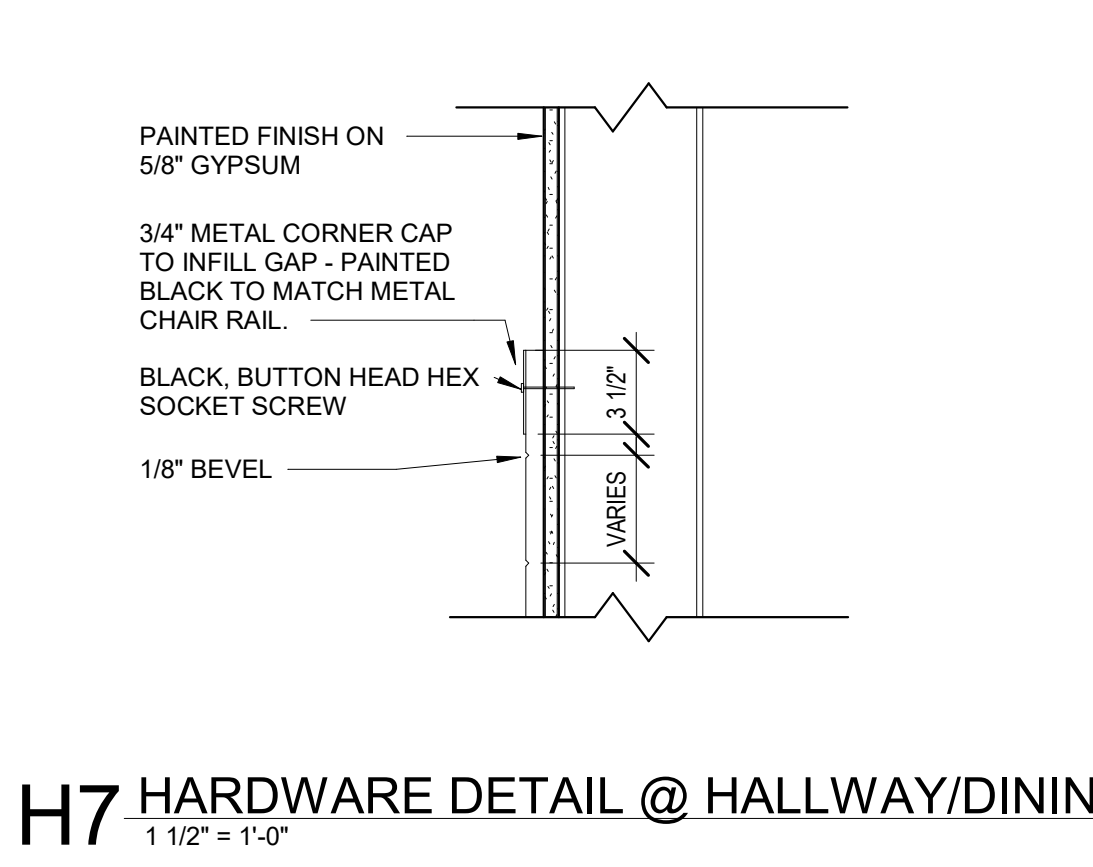
E3 SECTION @ HALLWAY/DINING CHAIR RAIL
1" = 1'-0"



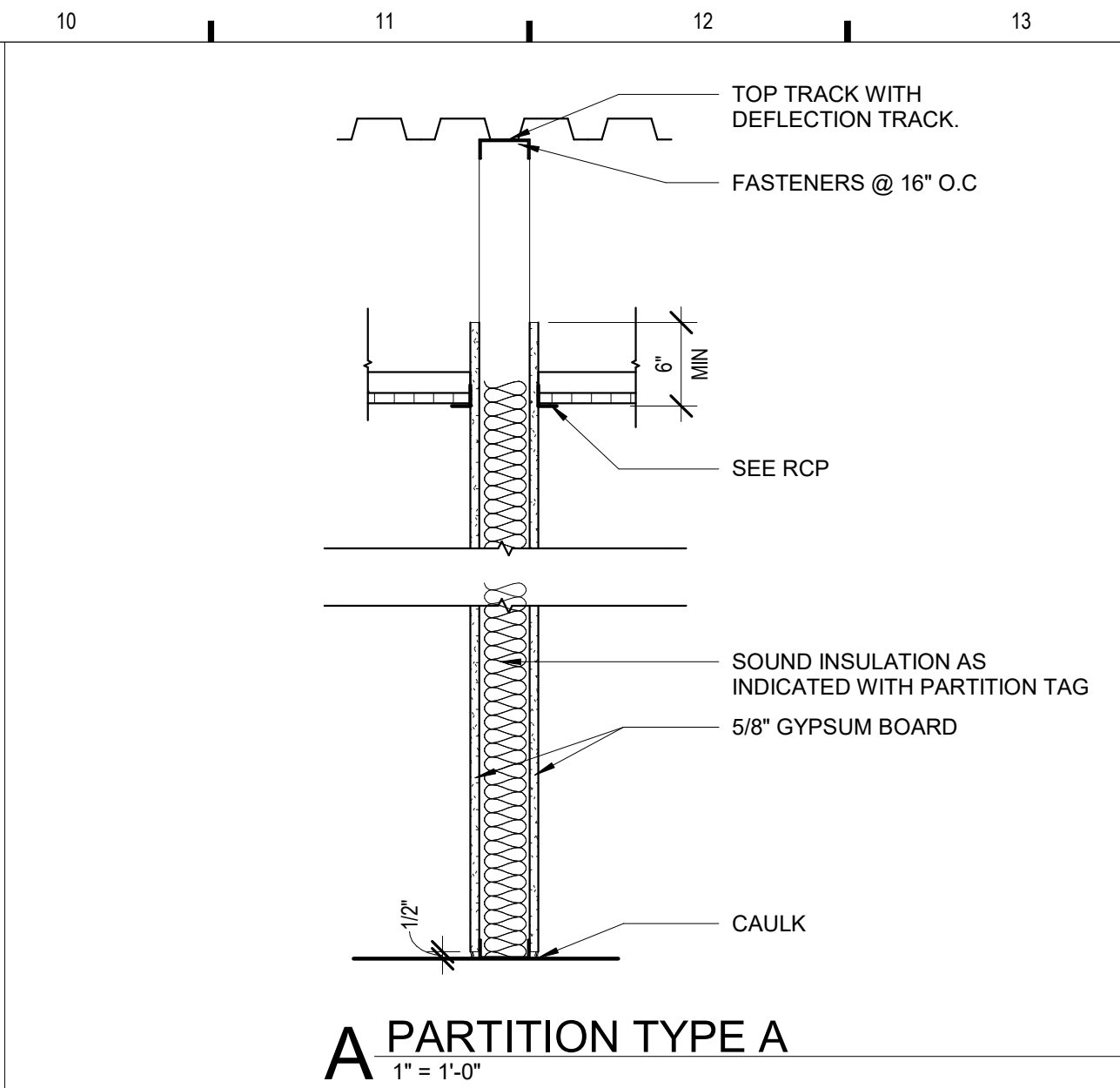
H4 PARTITION TYPE D1
1" = 1'-0"



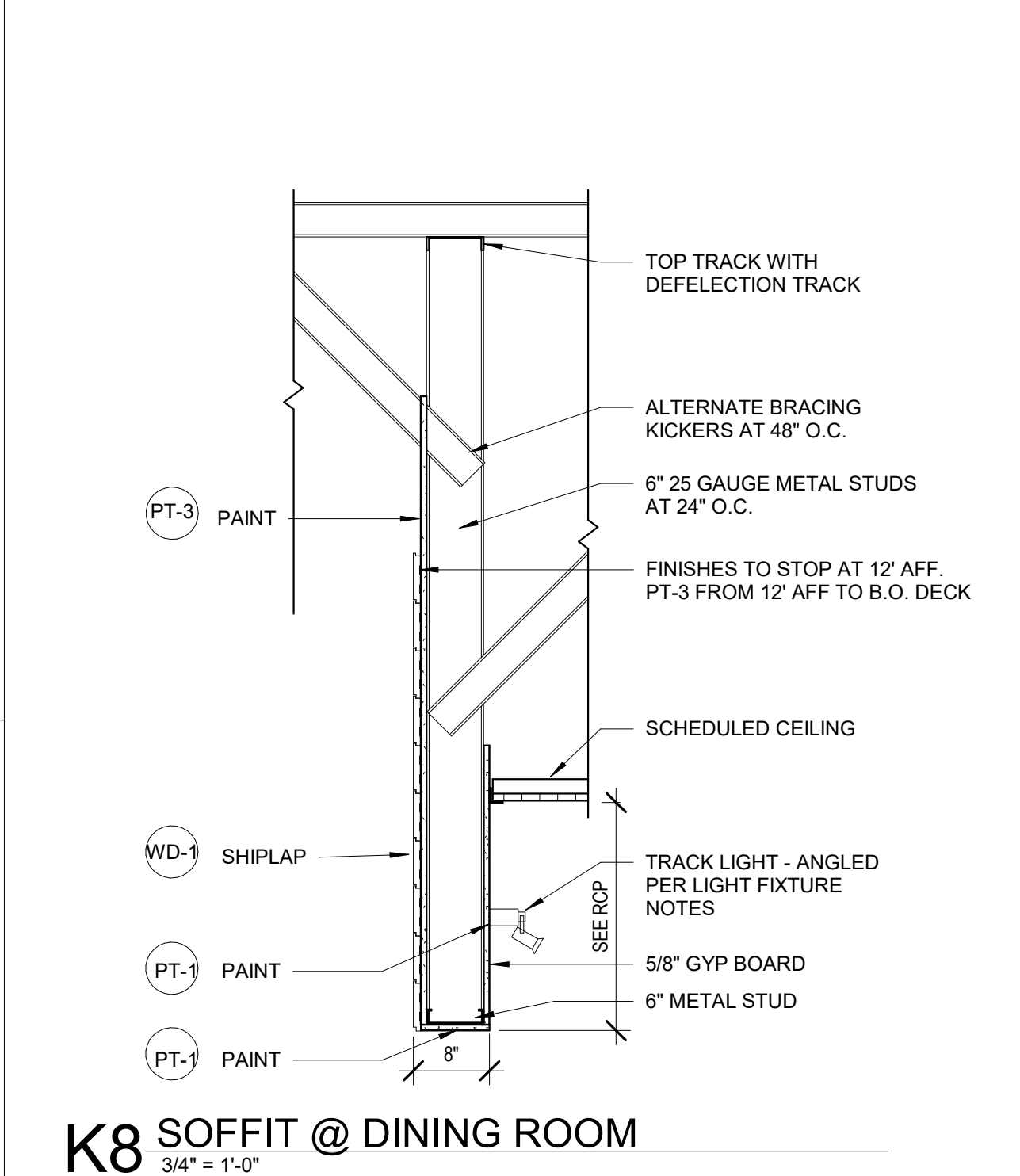
E7 HARDWARE DETAIL AT BEACH CHAIRS
1 1/2" = 1'-0"



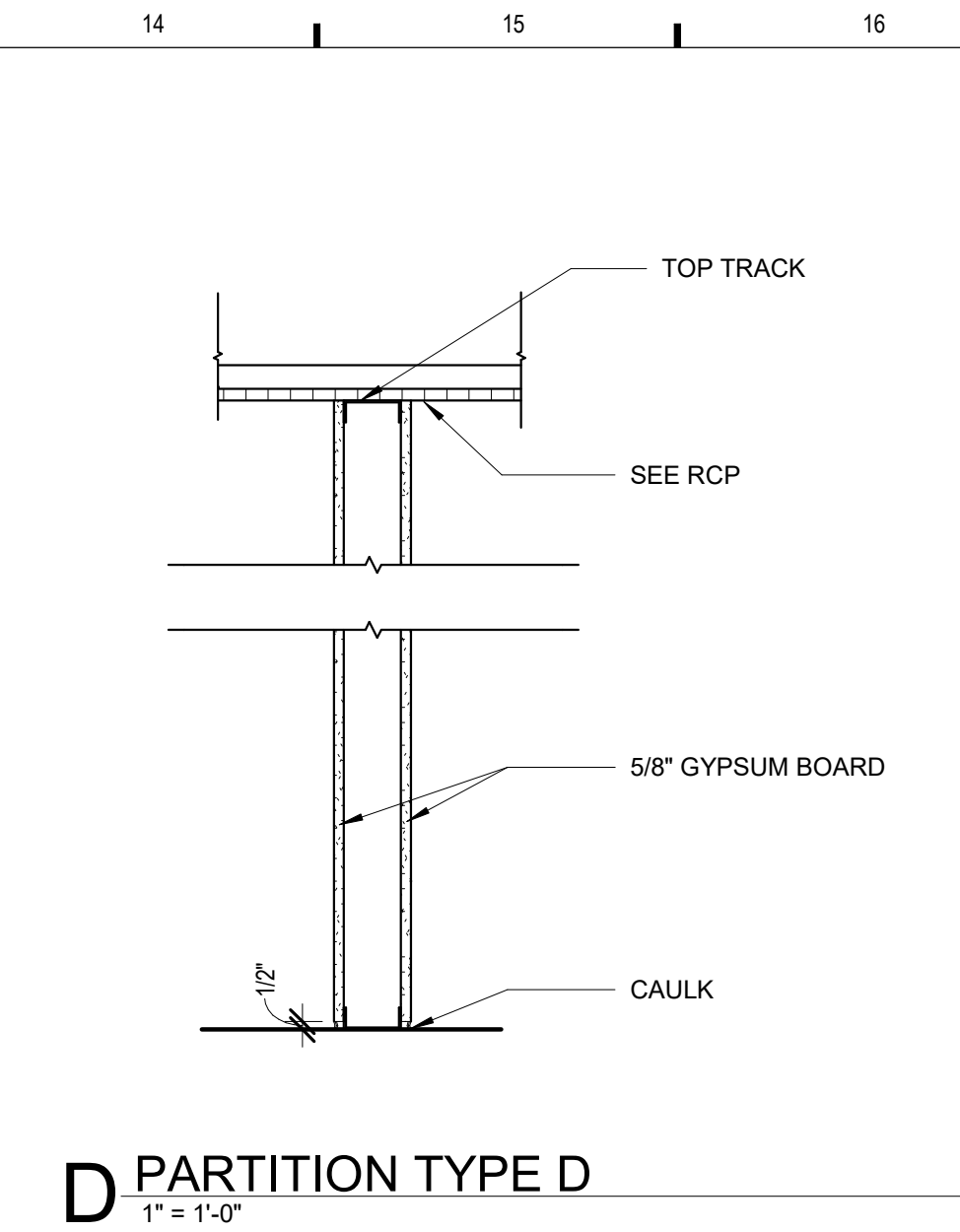
H7 HARDWARE DETAIL @ HALLWAY/DINING
1 1/2" = 1'-0"



A PARTITION TYPE A
1" = 1'-0"



K8 SOFFIT @ DINING ROOM
3/4" = 1'-0"

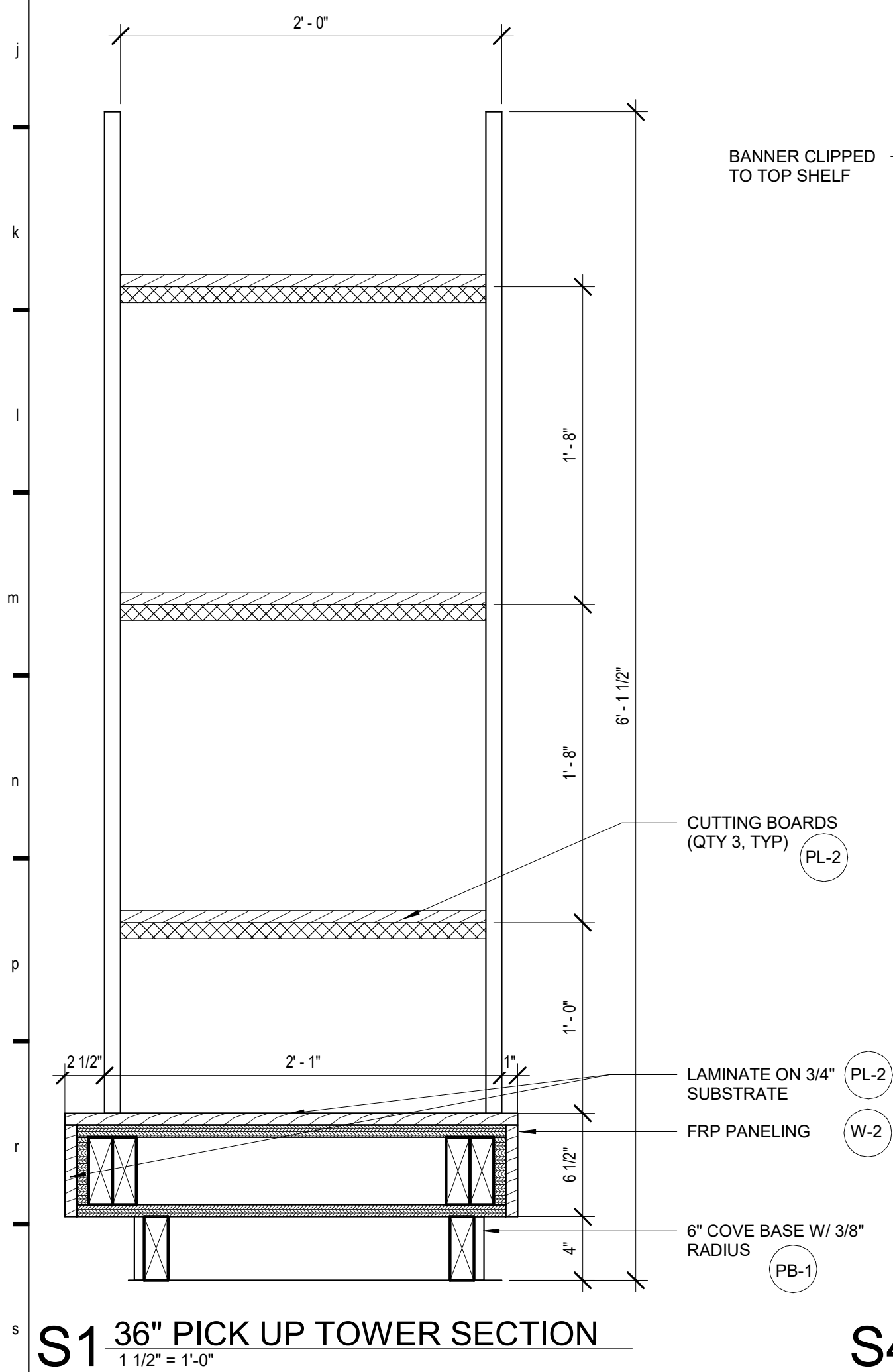


D PARTITION TYPE D
1" = 1'-0"

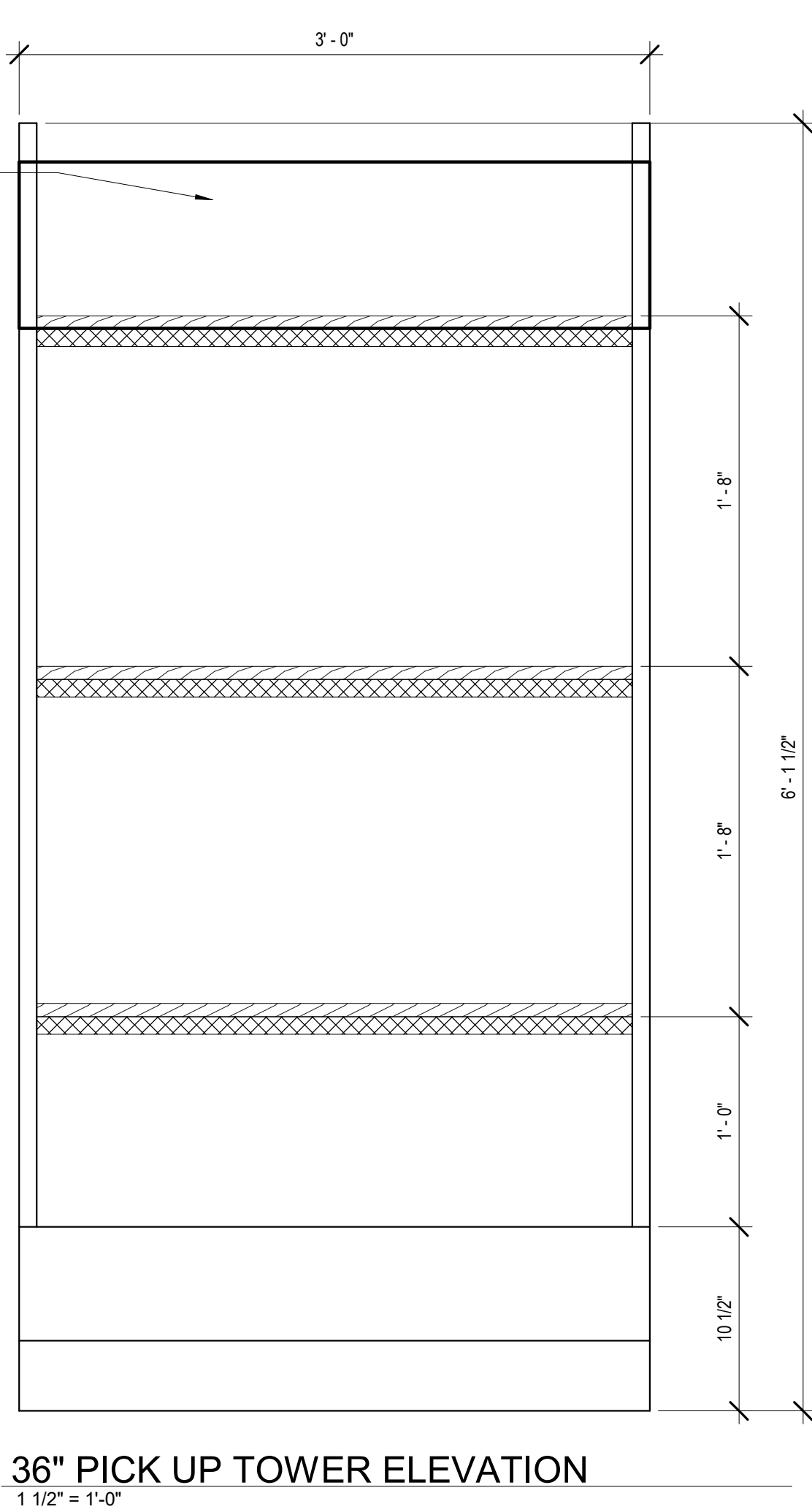
PARTITION TAG NOTES

THE PARTITION/WALL DESIGNATION IS A THREE-UNIT CODE THAT DENOTES THE CONFIGURATION, CONSTRUCTION, AND INSULATION OF THE PARTITION, AS FOLLOWS:

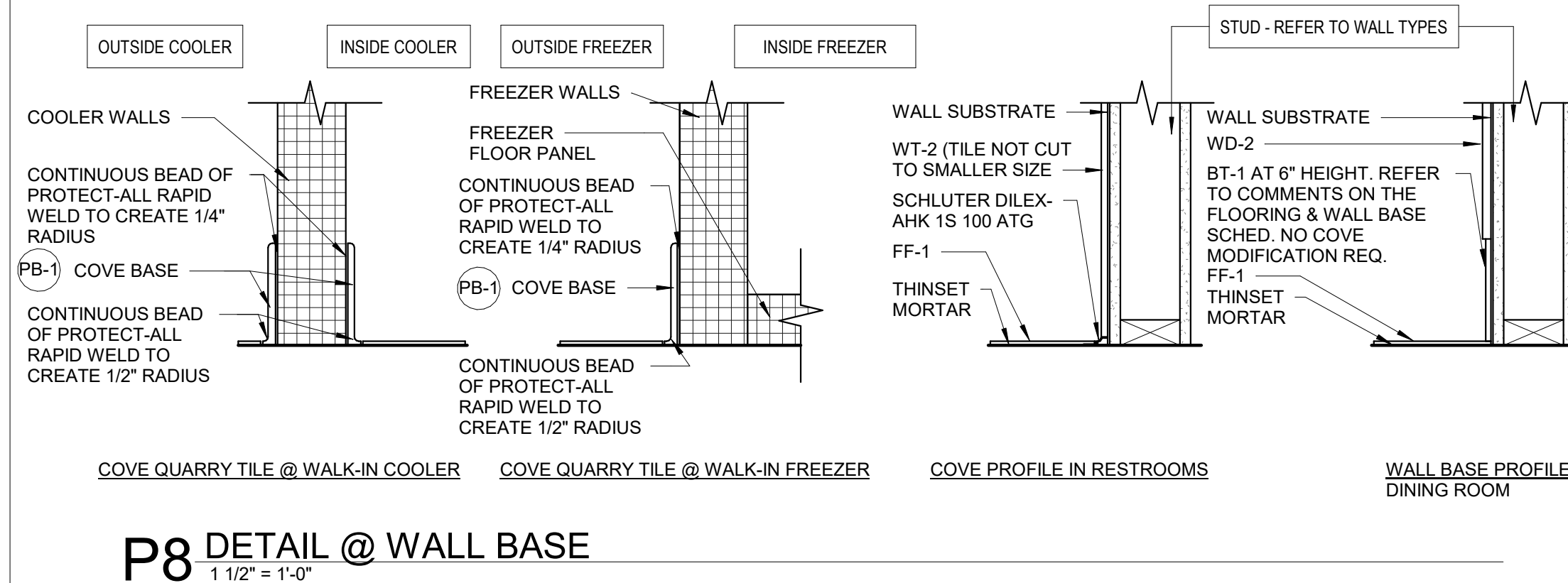
A	3	a	INSULATION	PARTITION/WALL CONSTRUCTION	PARTITION/WALL CONFIGURATION
1	1 5/8" 20 GA. METAL STUD @ 12" O.C.	a	NO INSULATION		
2	NOT USED	b	SOUND ATTENUATION BLANKETS		
3	2 1/2" 25 GA. METAL STUD @ 16" O.C.	c	RIGID INSULATION		
4	3 5/8" 25 GA. METAL STUD @ 16" O.C.	d	R19 BATT THERMAL INSULATION		
6	4" 25 GA. METAL STUD @ 16" O.C.				
8	6" 25 GA. METAL STUD @ 16" O.C.				



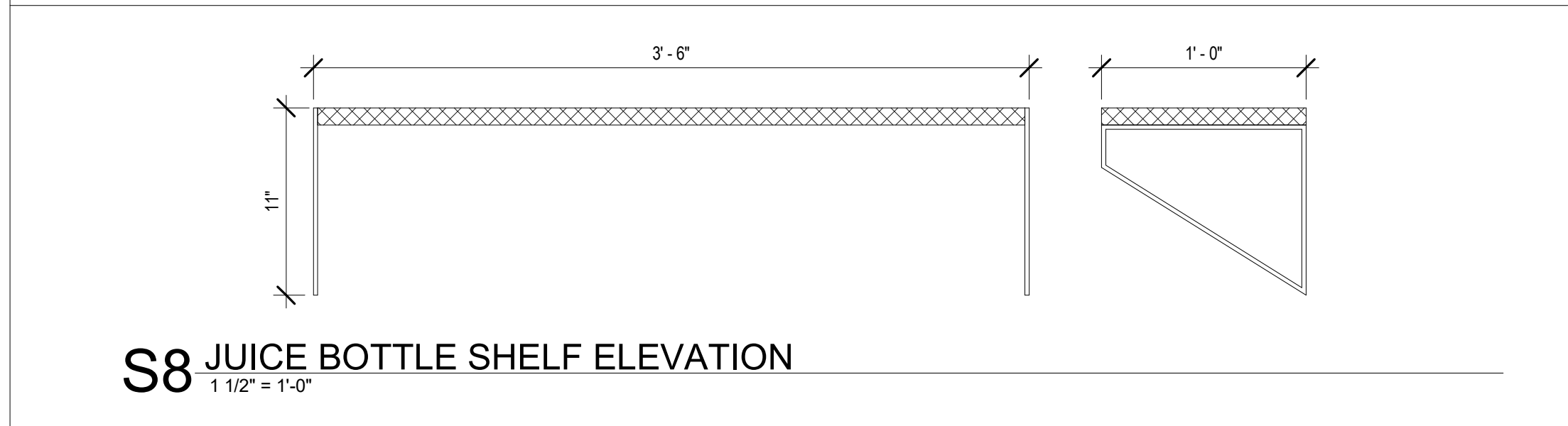
S1 36" PICK UP TOWER SECTION
1 1/2" = 1'-0"



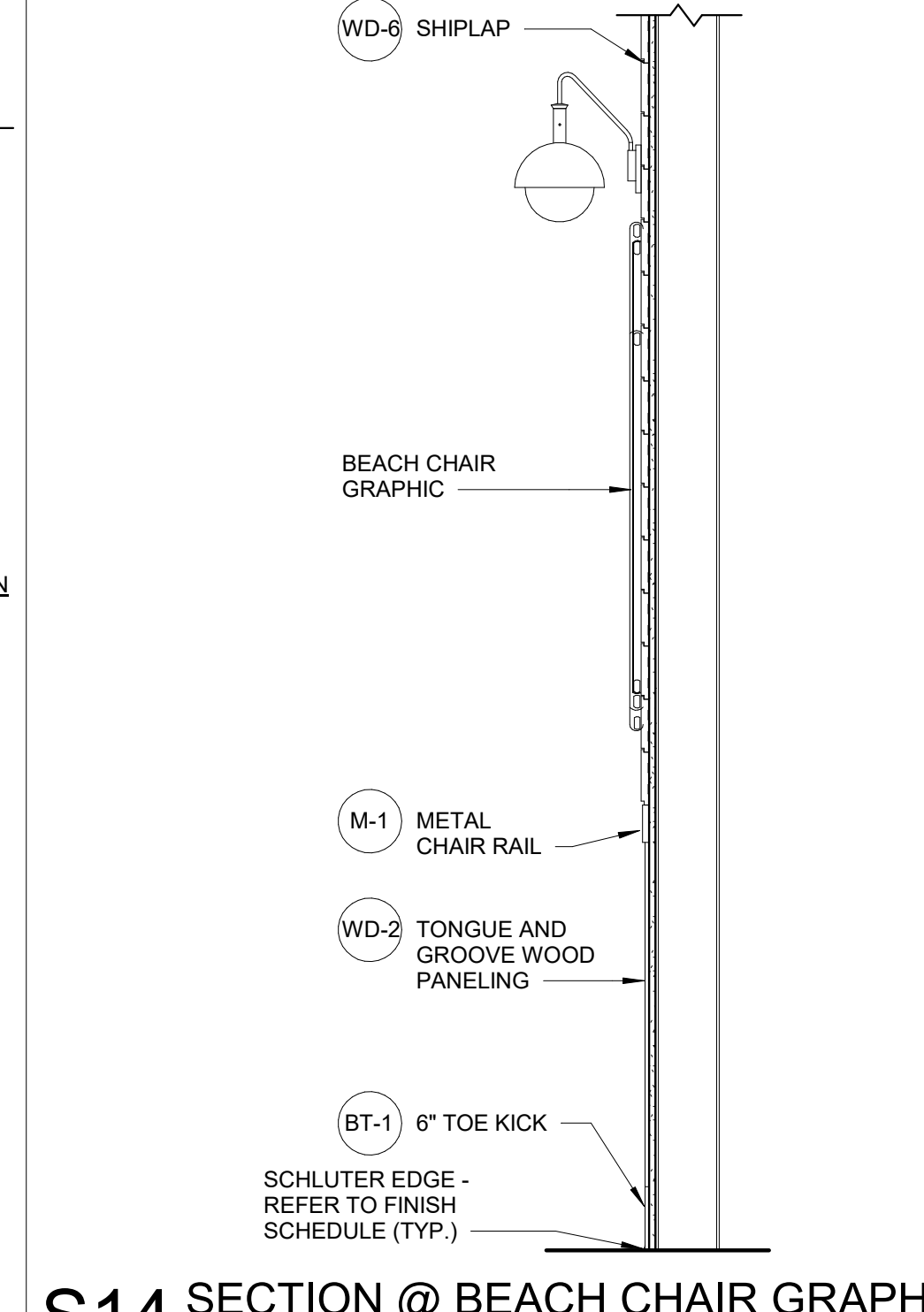
S4 36" PICK UP TOWER ELEVATION
1 1/2" = 1'-0"



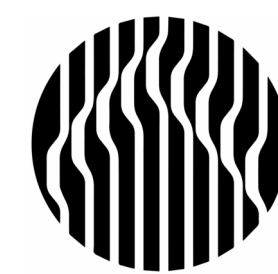
P8 DETAIL @ WALL BASE
1 1/2" = 1'-0"



S8 JUICE BOTTLE SHELF ELEVATION
1 1/2" = 1'-0"



S14 SECTION @ BEACH CHAIR GRAPHIC
3/4" = 1'-0"



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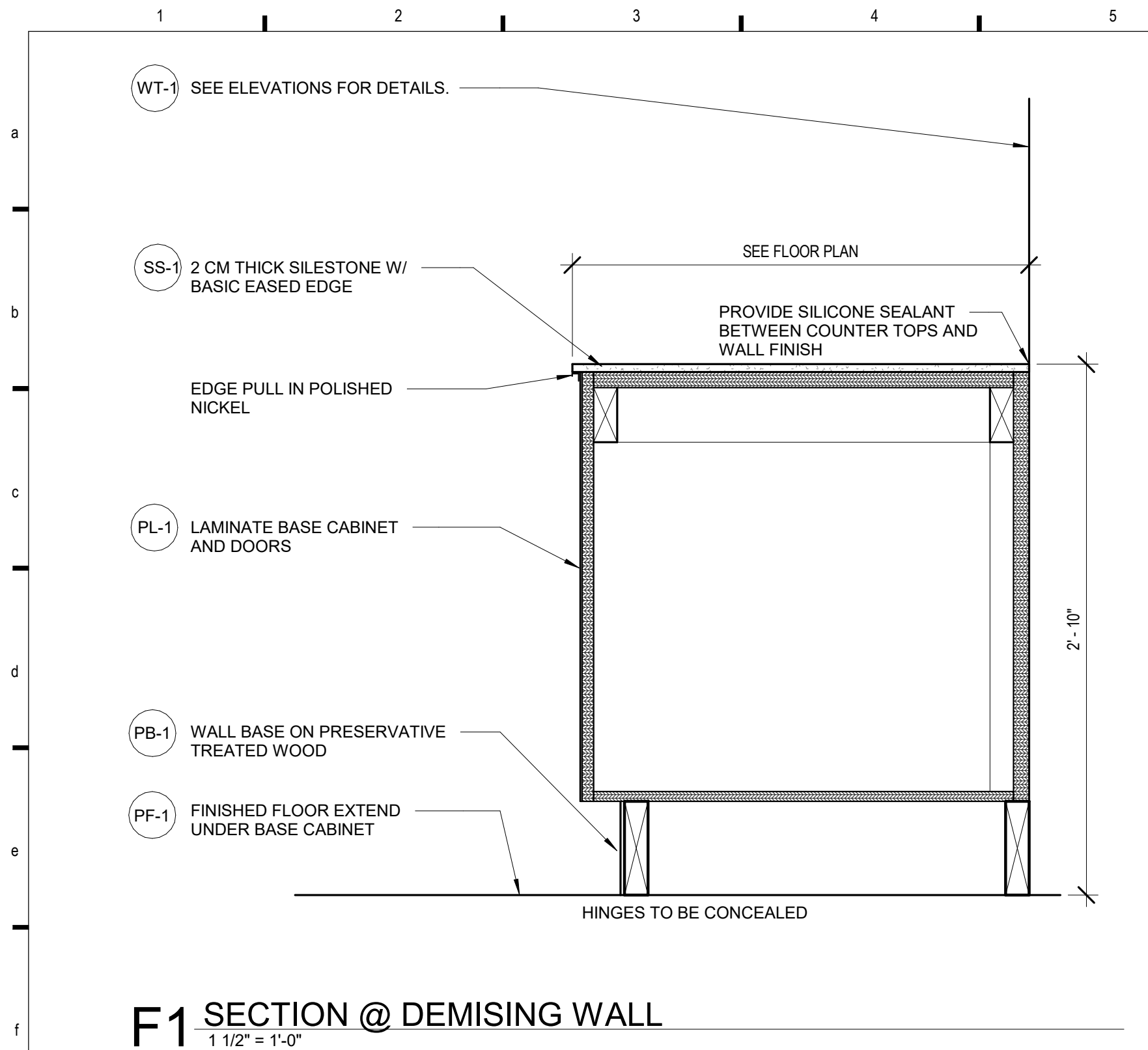
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PARTITION TYPES & DETAILS

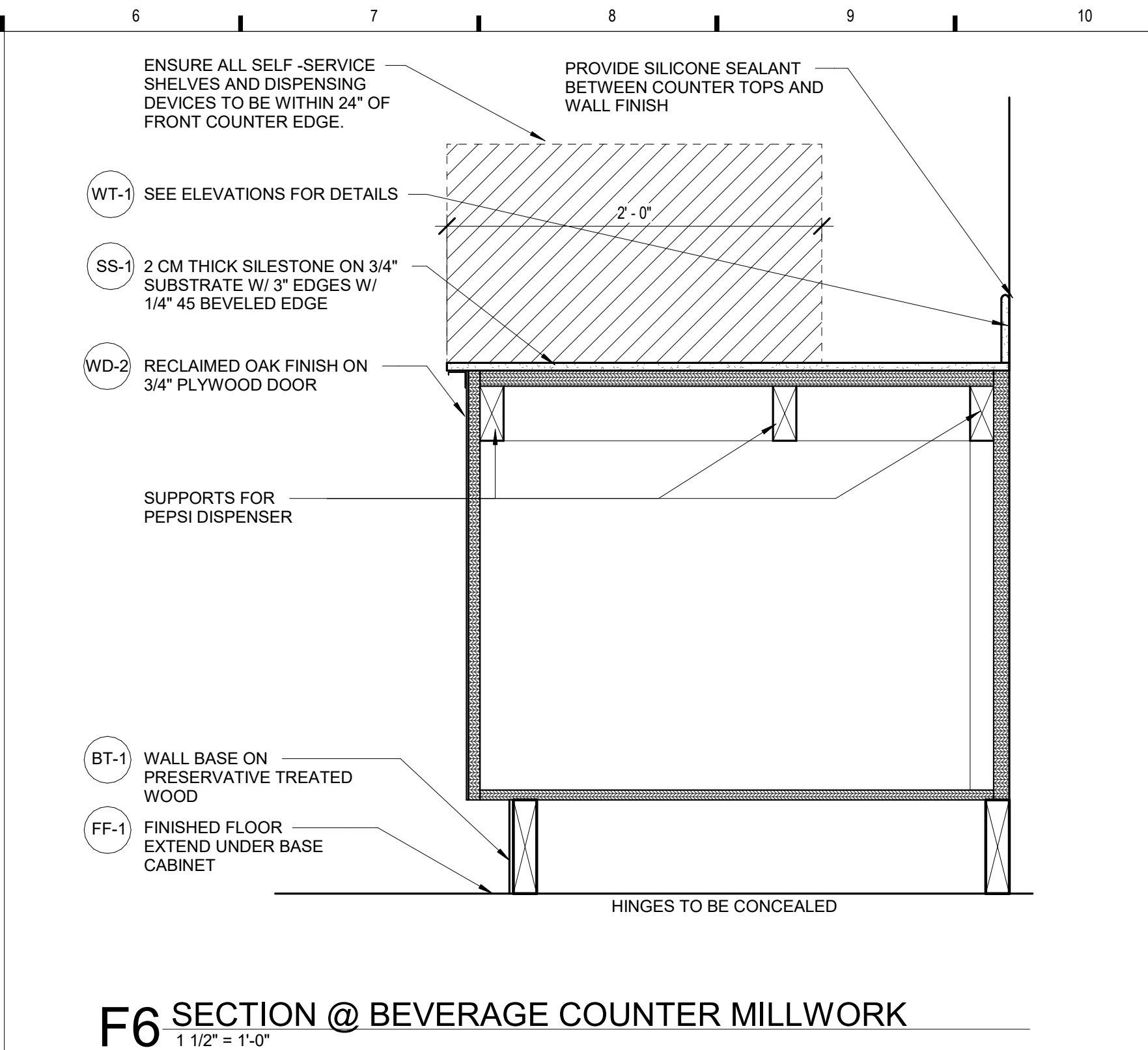
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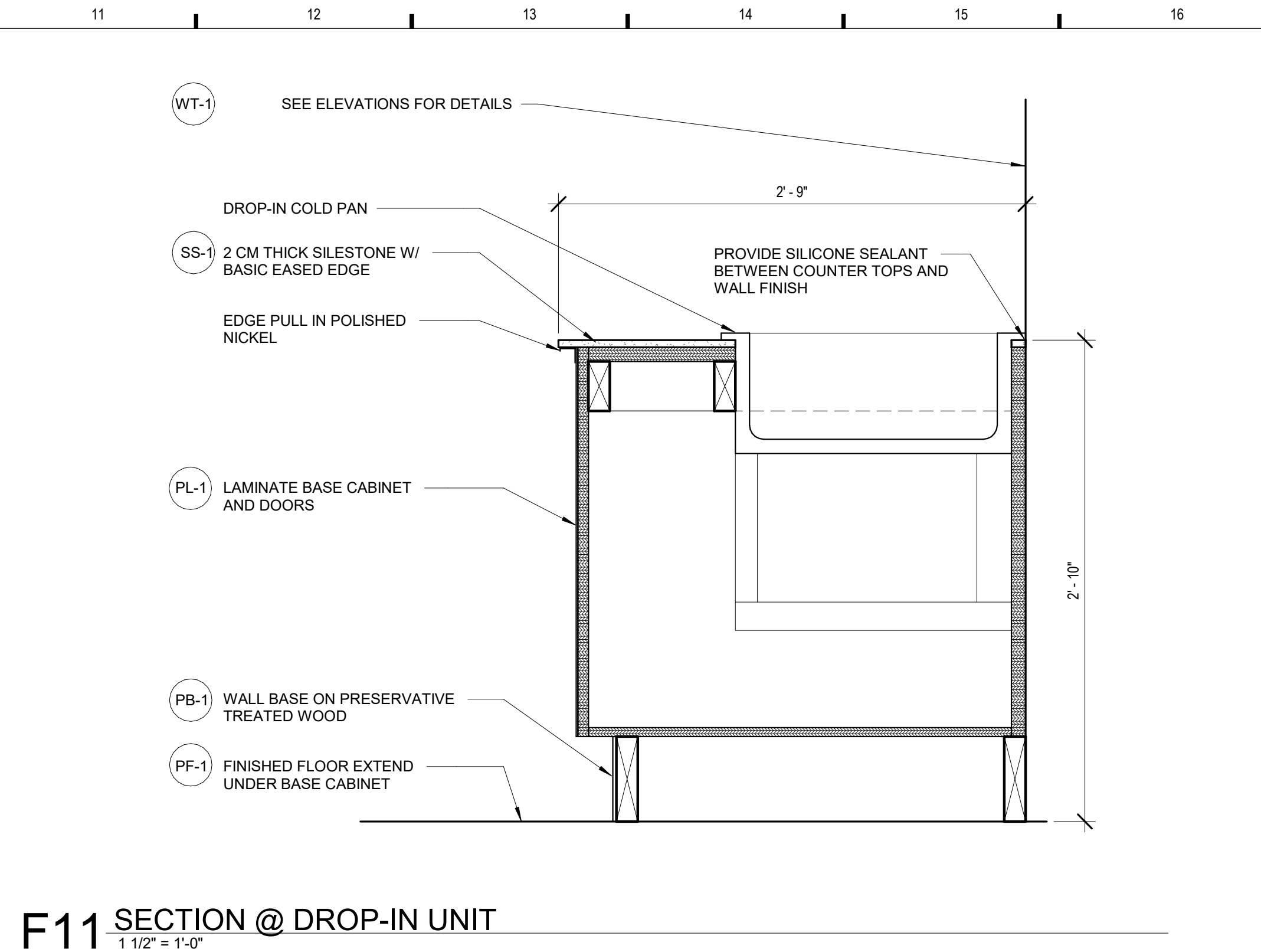
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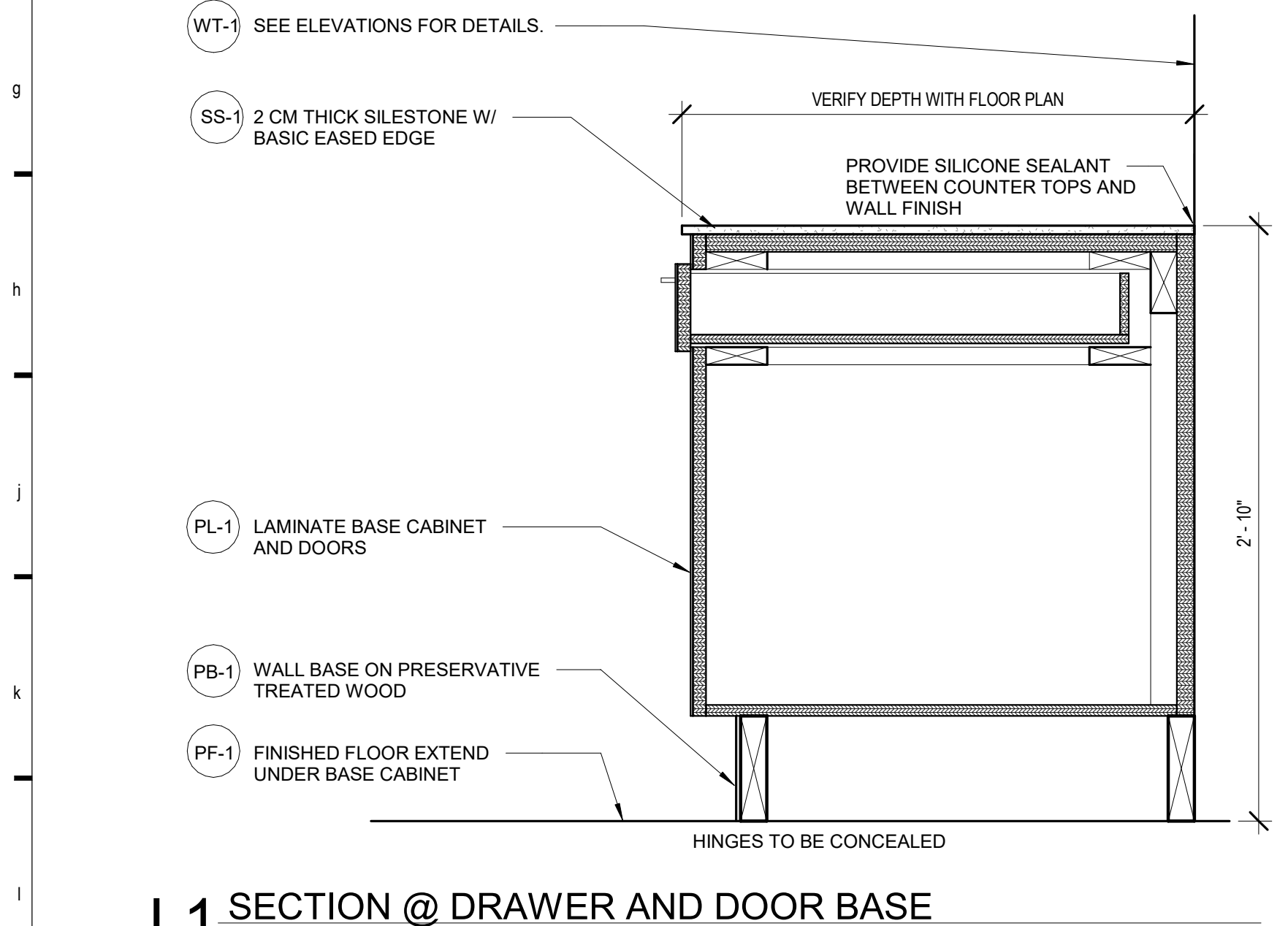
F1 SECTION @ DEMISING WALL
1 1/2" = 1'-0"



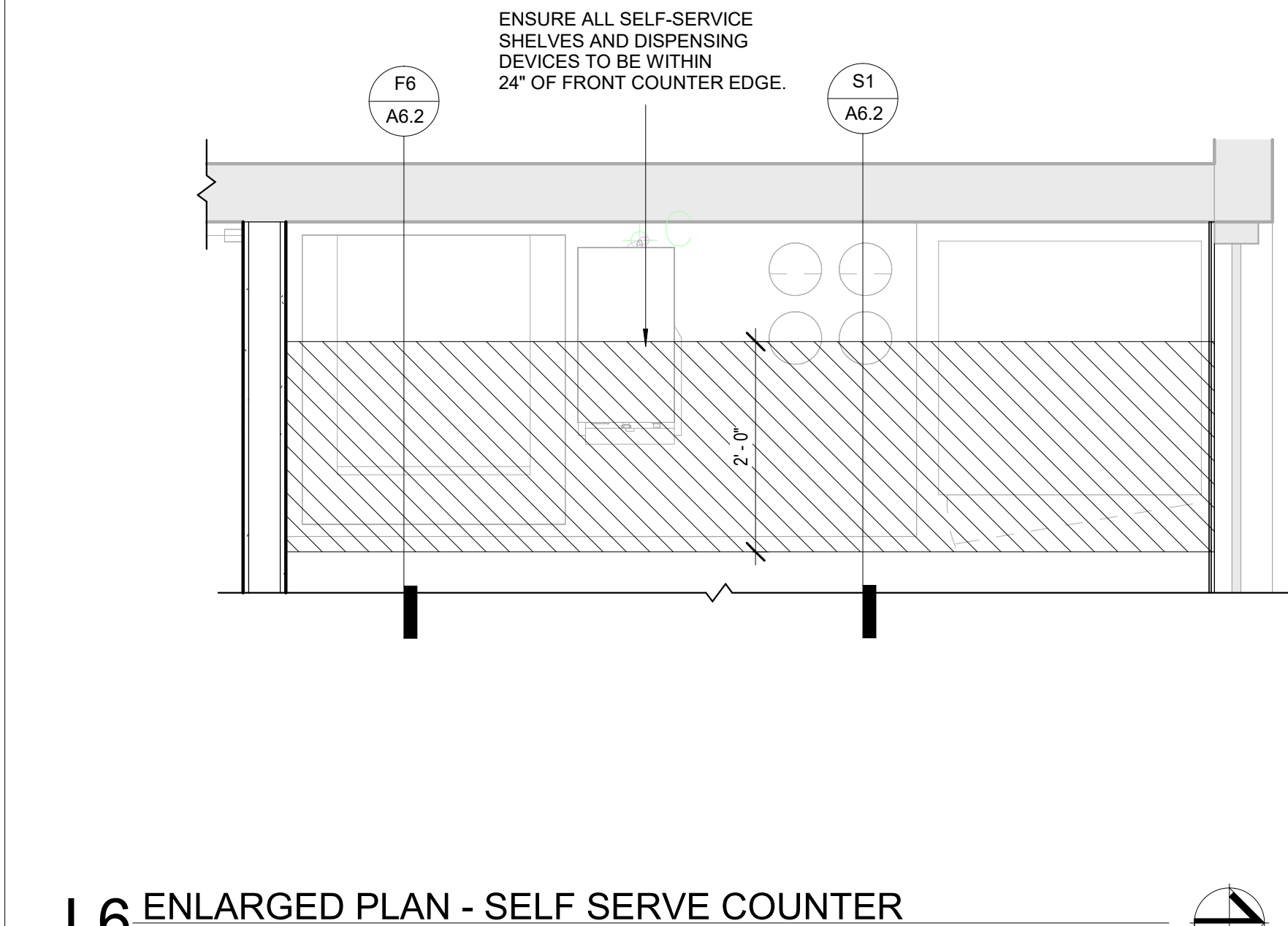
F6 SECTION @ BEVERAGE COUNTER MILLWORK
1 1/2" = 1'-0"



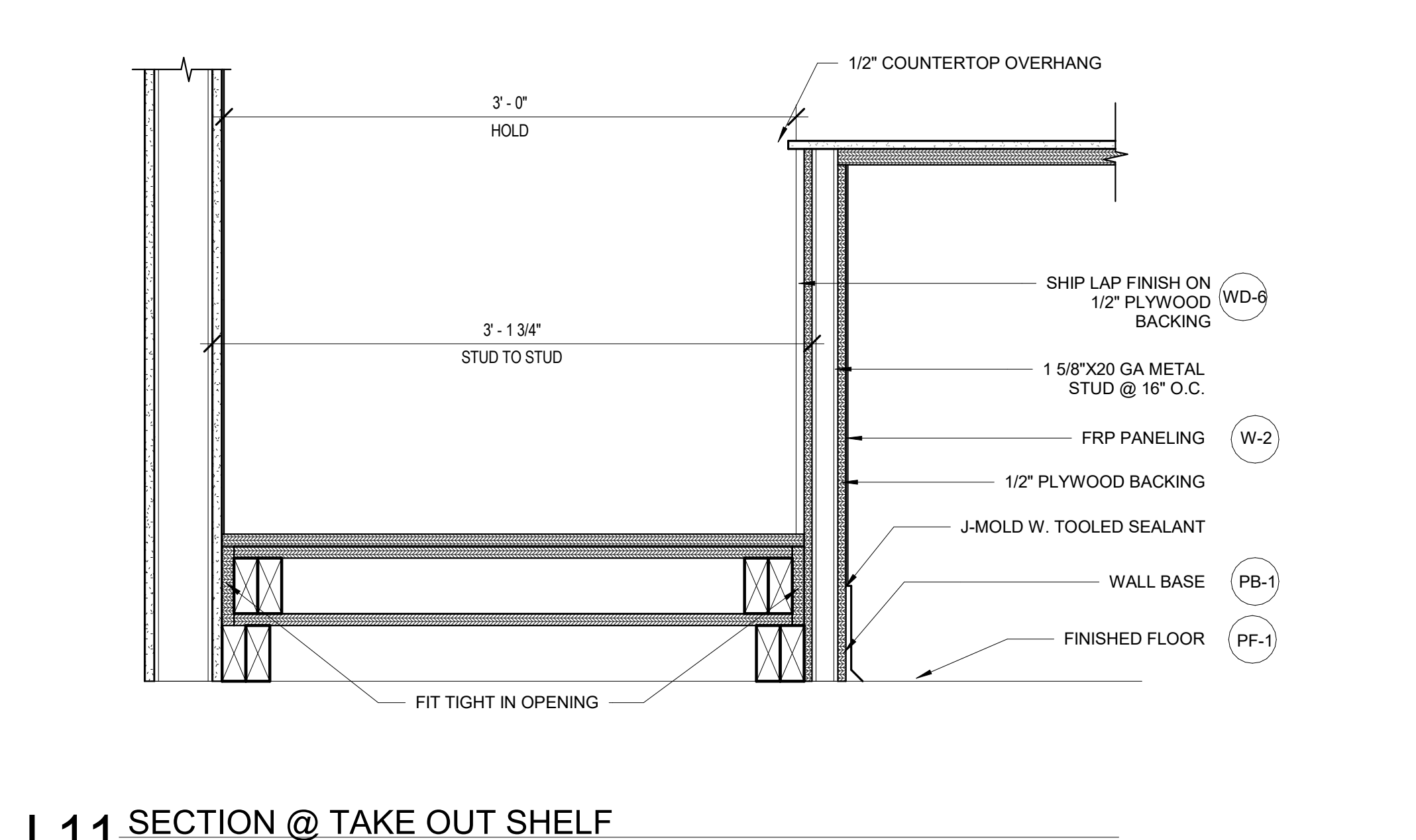
F11 SECTION @ DROP-IN UNIT
1 1/2" = 1'-0"



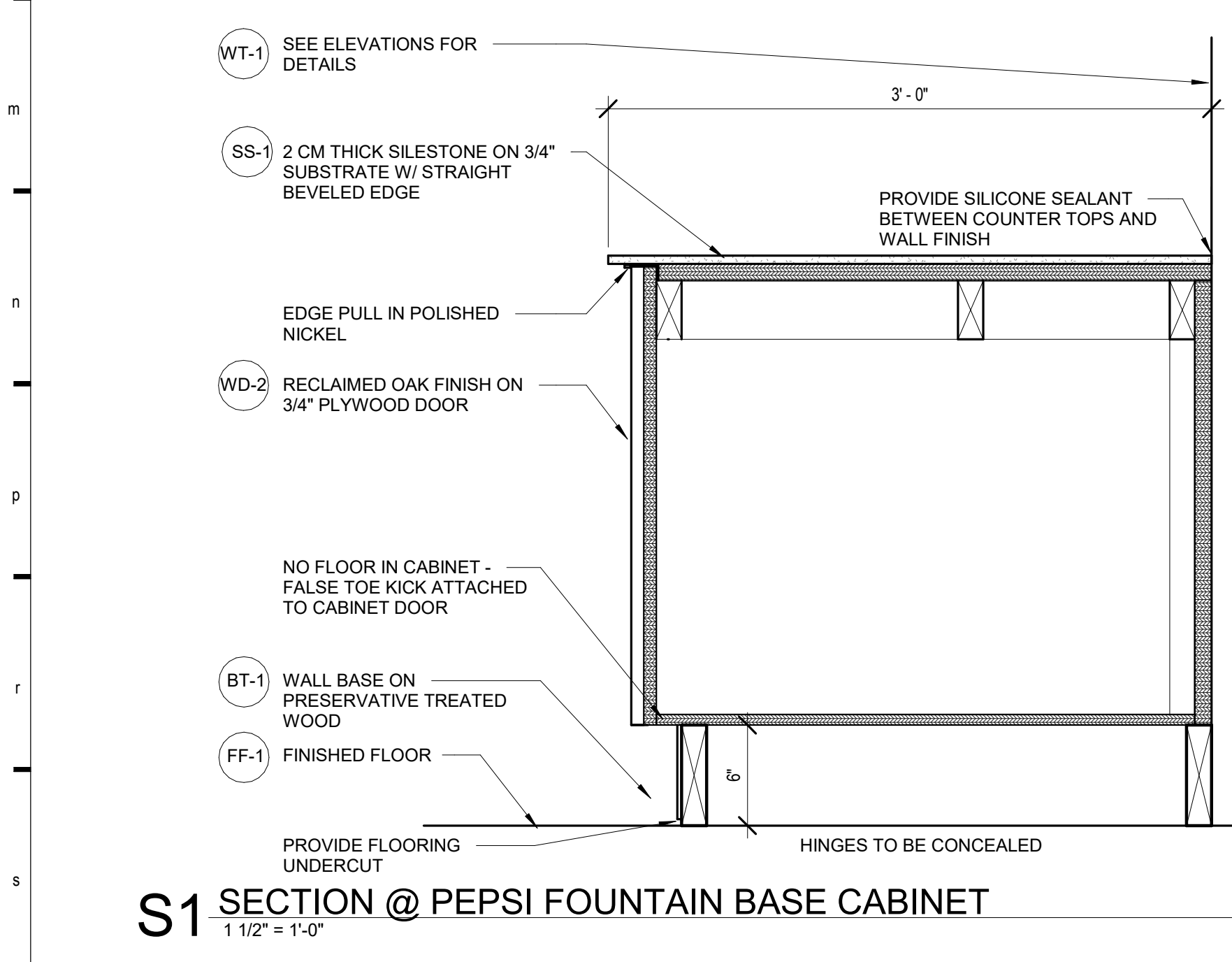
L1 SECTION @ DRAWER AND DOOR BASE
1 1/2" = 1'-0"



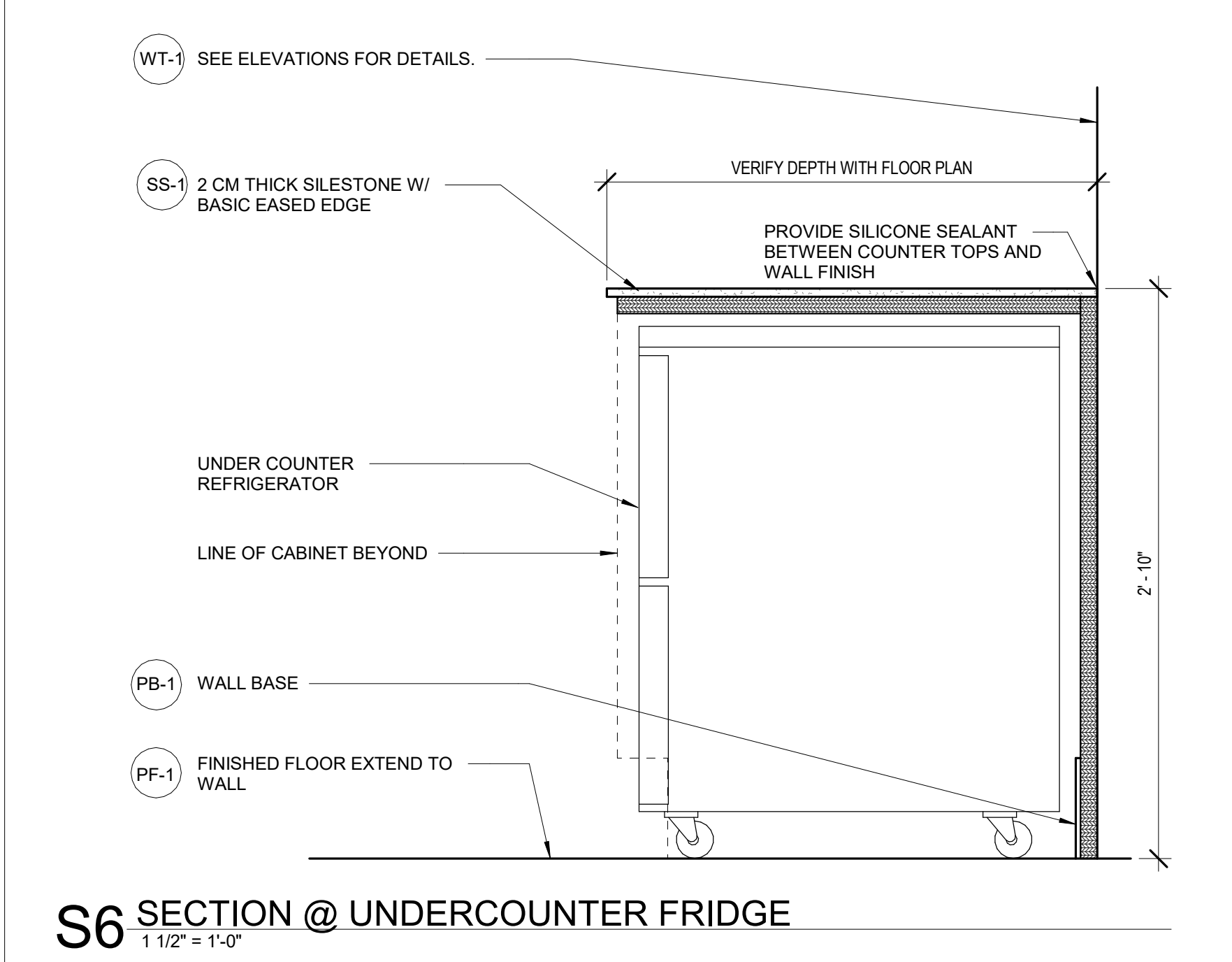
L6 ENLARGED PLAN - SELF SERVE COUNTER
3/4" = 1'-0"



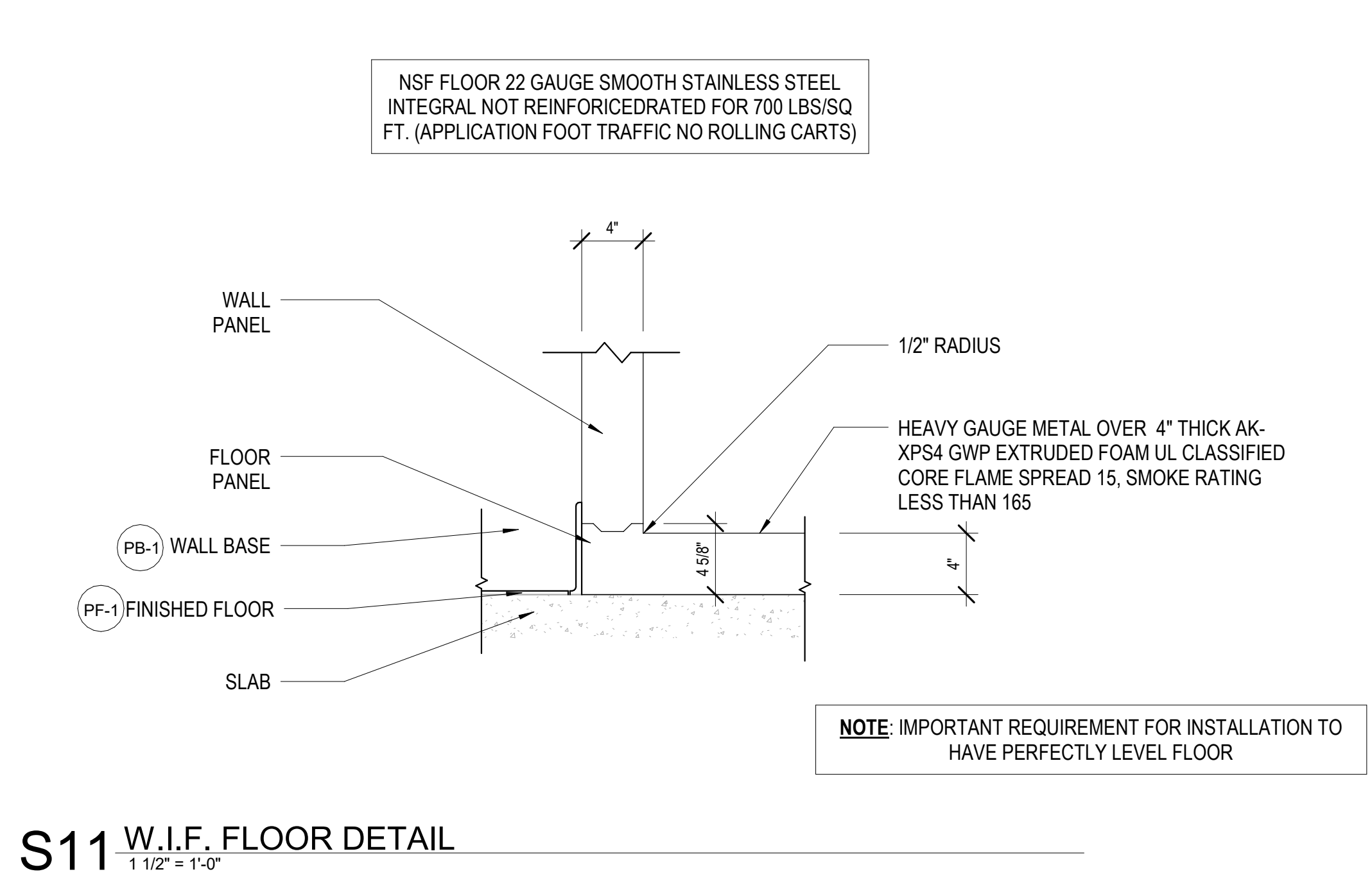
L11 SECTION @ TAKE OUT SHELF
1 1/2" = 1'-0"



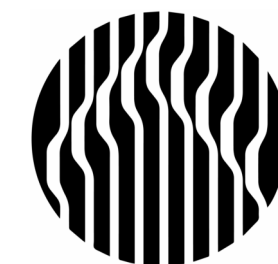
S1 SECTION @ PEPSI FOUNTAIN BASE CABINET
1 1/2" = 1'-0"



S6 SECTION @ UNDERCOUNTER FRIDGE
1 1/2" = 1'-0"



S11 W.I.F. FLOOR DETAIL
1 1/2" = 1'-0"



Oculus Inc.
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St. Louis, MO 63102
314.367.6100
www.oculusinc.com



JERSEY MIKES - KANSAS CITY

15 NW Barry Rd
Kansas City, MO 64118

#	Description	Date
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Missouri Corporate Authority Number #814
Missouri Architect in responsible Charge - Ronald Marvin Rasm AR-5489



10/12/2026

ISSUED FOR PERMIT

Client Approval

MILWORK DETAILS

Project # 43426-M001

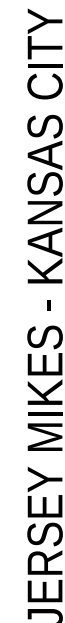
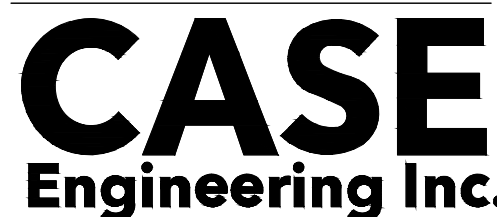
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Scale As indicated

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A6.2

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STATE OF MISSOURI
MATTHEW R. CASE
NUMBER
PE-2017000282
PROFESSIONAL ENGINEER

FOR PERMIT

ELECTRICAL SPECIFICATIONS

Issue Date 10/07/2026

Drawn by

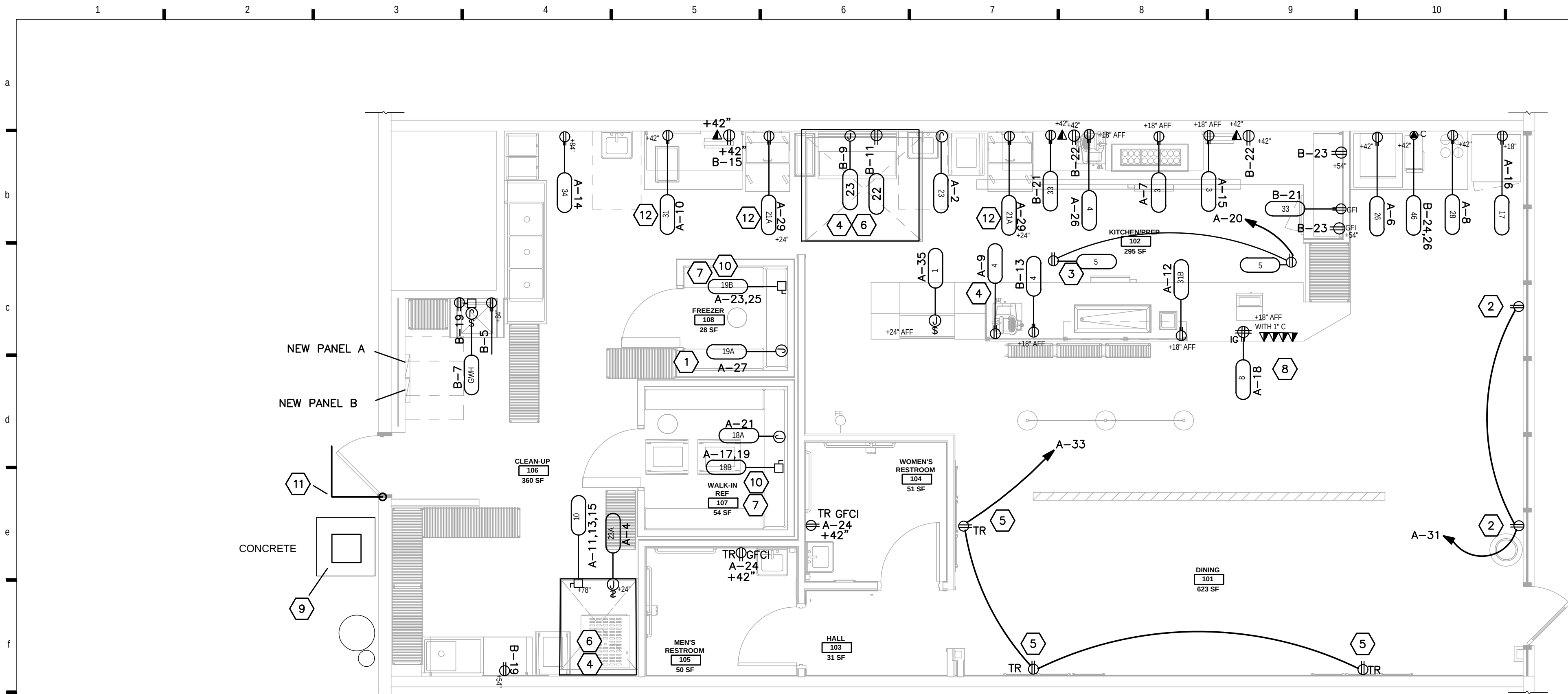
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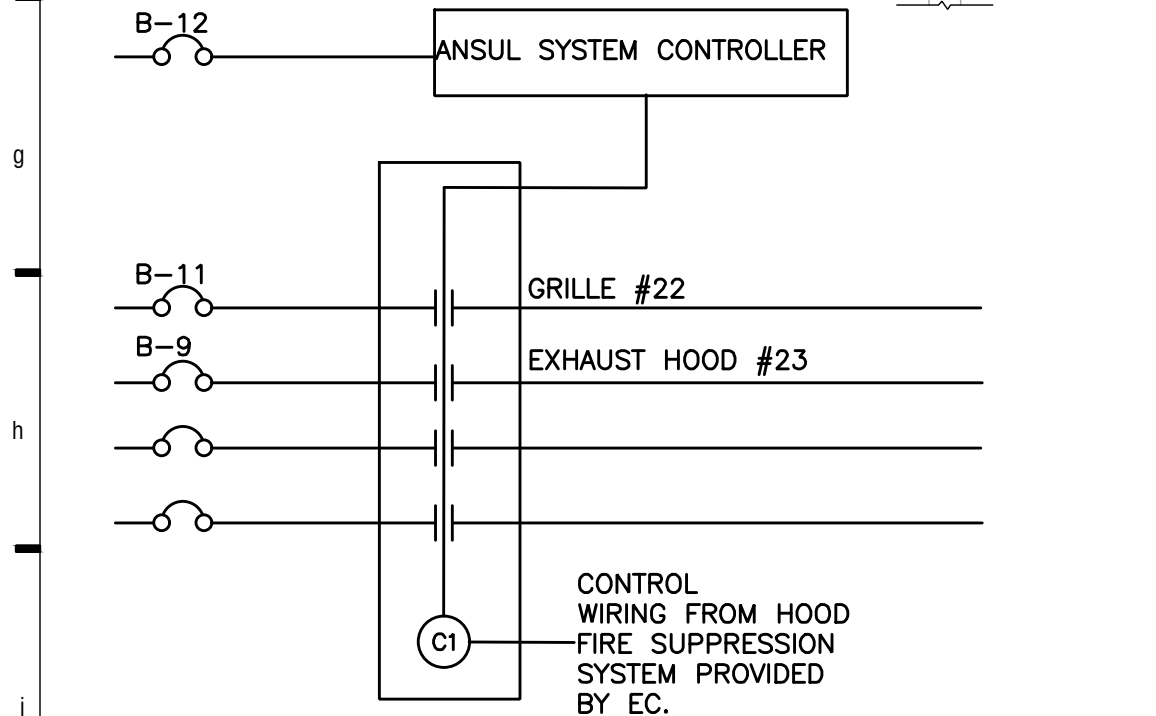


GFCI NOTES

1. ALL KITCHEN AND RESTROOM SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS INSTALLED SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER N.E.C. 210.8.B.
2. ALL GFCI RECEPTACLES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION OR A DEAD FRONT GFI DEVICE INSTALLED IN A READILY ACCESSIBLE LOCATION SHALL BE PROVIDED OR A GFCI CIRCUIT BREAKER SHALL USED TO FEED THE CIRCUIT NOTED.
3. ALL 125V, 15A AND 20A CIRCUITS TO KITCHEN EQUIPMENT SHALL BE FED WITH A DEDICATED NEUTRAL WIRE.

POWER PLAN KEYED NOTES

1. PROVIDE 120V. CONNECTION FOR LIGHTS, DOOR HEATER, FAN, AND/OR DRAIN LINE HEATER. PROVIDE CONNECTIONS PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7.
2. PROVIDE CEILING RECEPTACLE MOUNTED WITHIN 18 INCHES OF THE TOP OF THE WINDOW AS REQUIRED FOR COMPLIANCE WITH THE N.E.C. SHOW WINDOW REQUIREMENTS.
3. NOT USED
4. EXHAUST FAN HOOD. CONTRACTOR SHALL PROVIDE "SHUNT-TRIP" CONTROL FOR ALL ELECTRICAL EQUIPMENT UNDER THE HOOD. FAN(S) INTERLOCK AND SHUNT-TRIP SHALL BE WIRED THRU HOOD FIRE SUPPRESSION SYSTEM CONTROL. SEE MECHANICAL HOOD DRAWINGS AND DETAIL #2 THIS SHEET FOR MORE INFORMATION AND ADDITIONAL REQUIREMENTS.
5. FINAL LOCATION OF TAMPER-RESISTANT OUTLETS IN DINING SHALL BE DETERMINED BY OWNER. COORDINATE LOCATION PRIOR TO ROUGH-IN.
6. HOOD SYSTEM CONTROLLER. VERIFY EXACT LOCATION WITH EQUIPMENT SUPPLIER. COORDINATE ALL WIRING REQUIREMENTS AND UNIT INTERLOCKS WITH MECHANICAL HOOD DRAWINGS
7. CIRCULATION OF AIR FROM WARMER TO COLDER SECTIONS OF INTERIOR RACEWAY SYSTEM EXPOSED TO WIDELY DIFFERENT TEMPERATURES SHALL BE PREVENTED. SEAL AS REQUIRED PER N.E.C. 300.7(A) PROVIDE EXPANSION JOINTS FOR CONDUIT AS REQUIRED TO COMPENSATE FOR THERMAL EXPANSION AND CONTRACTION. .
8. CATS DATA OUTLET. PROVIDE 1/2" CONDUIT WITH CAT6 CABLE TO TELEPHONE/DATA/TV SHELF.
9. NEW 240V/3P PRIMARY, 120V/208V/3P SECONDARY, 75KVIA TRANSFORMER. VERIFY FINAL LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH IN.
10. REMOTE CAPSUL PACK. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH IN.
11. LANDLORD TO PROVIDE 1" CONDUIT STUBBED AT THE REAR WITHIN THE PREMISES ORIGINATING FROM THE PROPERTY'S JOINT TELEPHONE POINT OF DEMARCATION. EXTEND FROM POINT OF SERVICE STUB-IN TO LOCATION OF OWNER'S DATA RACK FOR INSTALLATION OF NEW TELECOMMUNICATIONS SERVICE.
12. EC TO INSTALL RECEPTACLES FOR "DROP-IN" EQUIPMENT TO SIDE OF EQUIPMENT. VERIFY WITH OWNER EXACT PLACEMENT OF RECEPTACLE.



EC TO PROVIDE 4-POLE CONTACTOR, TO SHUTDOWN CIRCUITS NOTED UPON ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM. EC TO VERIFY CONTROL COIL VOLTAGE WITH HOOD FIRE SUPPRESSION SYSTEM SUPPLIER

2 ANSUL SYSTEM CONTACTOR
SCALE: NO SCALE

EQUIPMENT SCHEDULE

QTY	ITEM	DESCRIPTION	MANUFACTURER	MODEL	VOLT/PH	AMPS	DEVICE	WIRE SIZE	ROUGH-IN	NOTES
1	1	6' MEATCASE	HOWARD-MCRAY	SC-CDS34N-6-JM	115/1	8.7	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ24" A.F.F.	--
2	3	4' DROP-IN COLD UNIT	DELFIELD	N8148-EFN	120/1	7.5	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	5-15P
2	4	DELI SLICER	BIZERBA	GSP-H33 W/LIFT	120/1	3.5	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	--
1	5	MENUBOARD	JMFS	JMFS	120/1	4.16	Ⓢ	(2)#12, (1)#12G, 3/4"C.	--	--
2	8	CASH REGISTER	INFOSOFT	UP700	120/1	5.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	--
1	10	BREAD OVEN	MOFFAT	E35D6-26	208/1	40.0	Ⓢ	(2)#8, (1)#10G, 3/4"C.	Ⓢ78" A.F.F.	--
1	17	SINGLE-DOOR PEPSI COOLER	PEPSI	1160	120/1	7.2	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	--
1	18A	WALK-IN COOLER	NORLAKE	JM7S88-CR-J-36-RCP	120/1	15.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	COORDINATE	1
1	18B	WALK-IN COOLER CAPSULE PAK	NORLAKE	CPB075JC-S-4-EV	208/1	5.6	Ⓢ	(2)#12, (1)#12G, 3/4"C.	COORDINATE	2,6
1	19A	STEP-IN FREEZER	NORLAKE	JMF7766-CL-J-36-RCPF	120/1	15.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	COORDINATE	3
1	19B	STEP-IN FREEZER CAPSULE PAK	NORLAKE	CPF-100JC-S-4-EV	208/1	9.6	Ⓢ	(2)#12, (1)#12G, 3/4"C.	COORDINATE	4,7,8
1	21A	SANDWICH UNIT	ENTREE	JM-ST-27E-2DX	120/1	7.2	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ24" A.F.F.	5-15P
1	22	GRILLE	IMPERIAL	IR-G48T-XB-JMI	120/1	6.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	--	--
1	23	EXHAUST HOOD/FIRE SUPPRESSION SYSTEM	CAPTIVE AIRE	ANSUL	120/1	5.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	COORDINATE	--
1	23A	CONDENSATE HOOD	CAPTIVE AIRE	5424VHB	120/1	7.2	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ24" A.F.F.	5-15P
1	26	DRINK DISPENSER	PEPSI	DISPENSER: IDC255, ADAPTOR: 80002957	120/1	9.3	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ42" A.F.F.	--
1	28	ICED TEA BREWER/DISPENSER	BUNN	TB3Q	120/1	14.4	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ42" A.F.F.	--
2	31	COUNTERTOP FOOD WARMER	HOSHIZAKI	1001 MODEL 1001	120/1	5.8	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ42" A.F.F.	5-15P
1	31B	RECESSED BACON WARMER	MARSHALL	JMB001K	120/1	3.5	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	10
1	33	UNDERCOUNTER REFRIGERATOR WITH DRAWERS	HOSHIZAKI AMERICA, INC	CZ3N-1	120/1	2.6	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ18" A.F.F.	10
1	34	BAG IN BOX MACHINE	PEPSI	PEPSI	120/1	5.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ80" A.F.F.	--
1	46	ICE MAKER	PEPSI	MANITOCWOC IY0705A	208/1	11.1	Ⓢ	(2)#12, (1)#12G, 3/4"C.	Ⓢ48" A.F.F.	--
1	(GWH)	GAS FIRED WATER HEATER	NAVIEN	NPE-240A	120/1	1.0	Ⓢ	(2)#12, (1)#12G, 3/4"C.	--	9

- NOTES:**
1. FOR WALK-IN COOLER LIGHTS AND DOOR HEATER. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. 15A MAX BREAKER.
 2. FOR WALK-IN COOLER COMPRESSOR/EVAPORATOR. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. 20A MAX FUSE.
 3. FOR STA-IN FREEZER LIGHTS, DOOR HEATER, FAN, AND/OR DRAIN LINE HEATER. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. 15A MAX BREAKER.
 4. FOR STA-IN FREEZER COMPRESSOR, COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. 15A MAX FUSE.
 5. DEDICATED DUPLEX RECEPTACLE MOUNTED BELOW COUNTER-TOP WITH IN 6"-0" OF EQUIPMENT.
 6. PROVIDE 30A, 208V/1-PHASE FUSED DISCONNECT WITH (2) 20A FUSES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MANUFACTURER.
 7. PROVIDE 30A, 208V/1-PHASE FUSED DISCONNECT WITH (2) 15A FUSES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MANUFACTURER.
 8. SYSTEM REQUIRES 120V SERVICE FOR FAN MOTORS AND/OR DRAIN LINE HEATERS. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER.
 9. PROVIDE 30A, 120V/1-PHASE, NON-FUSED DISCONNECT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR.
 10. UNIT TO BE HARDWIRED. SEE SPEC SHEET FOR EXACT MOUNTING REQUIREMENTS.

GENERAL NOTES

1. THE SCOPE OF THE ELECTRICAL WORK SHALL INCLUDE FURNISHING, INSTALLING, CONNECTING AND TESTING ALL ELECTRICAL SYSTEMS FOR A COMPLETE AND FULLY OPERABLE INSTALLATION COMPLYING WITH THE LATEST VERSIONS OF ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. LOCATIONS OF EXISTING ELECTRICAL SYSTEM, EQUIPMENT AND DEVICES SHALL BE VERIFIED IN THE FIELD BY THE TENANT'S GENERAL CONTRACTOR (T.G.C.).
3. VERIFY ELECTRICAL REQUIREMENTS FOR ALL SPECIAL EQUIPMENT PRIOR TO ANY WORK BEING PERFORMED. PROVIDE ISOLATED GROUND WIRE PER EQUIPMENT MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE CONDUIT FOR MECHANICAL CONTROLS AS REQUIRED BY CODE. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF A/C UNITS AND EXHAUST FANS WITH MECHANICAL CONTRACTOR.
4. E.C. SHALL DETERMINE, ARRANGE AND PAY FOR PROPER SERVICE AND METERS.
5. E.C. SHALL PROVIDE, AT EACH TELEPHONE JACK INDICATED, AN OUTLET BOX, CONDUIT AND FACEPLATE AND JACK OUTLET. THE CONDUIT SHALL EXTEND ABOVE SUSPENDED CEILING. PROVIDE PLENUM RATED TELEPHONE WIRE AS REQUIRED TO EACH BOX.
6. E.C. SHALL PROVIDE CORD & PLUGS AS REQUIRED FOR KITCHEN EQUIPMENT. COORDINATE WITH EQUIPMENT MANUFACTURER AND K.E.C.
7. WHEN MAIN ELECTRICAL SERVICE IS PROVIDED BY THE LANDLORD, HIS OBLIGATIONS TERMINATE AT THE DISCONNECT. ALL PANELS, FEEDERS, ETC. REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE E.C.
8. STARTER & RELATED WIRING SHALL BE FURNISHED, INSTALLED AND CONNECTED BY E.C. OVERLOAD LIMITS SHALL BE INSTALLED PER GIVEN NAMEPLATE DATA ON EQUIPMENT. STARTERS SHALL BE INSTALLED AS PER REQUIREMENTS.
9. E.C. TO PROVIDE ELECTRICAL OUTLET FIRE PROTECTION PAD FOR ALL RECEPTACLES IN RATED WALL AS MANUFACTURED BY PFP PARTNERS. APPLY TO BOXES AS INSTRUCTED BY MFR. TO PROVIDE RATING TO MEET RATING OF CORRESPONDING WALL.
10. WHERE PORTIONS OF A CABLE RACEWAY OR SLEEVE ARE KNOWN TO BE SUBJECTED TO DIFFERENT TEMPERATURES AND WHERE CONDENSATION IS KNOWN TO AN ISSUE, AS IN COLD STORAGE AREAS OF BUILDINGS OR WHERE PASSING FROM THE INTERIOR TO THE EXTERIOR OF A BUILDING, THE RACEWAY OR SLEEVE SHALL BE FILLED WITH AN APPROVED MATERIAL TO PREVENT THE CIRCULATION OF WARM AIR TO COLDER SECTION OF THE RACEWAY OR SLEEVE PER N.E.C. 300A (A)
11. COORDINATE LOCATIONS AND ROUTING OF FEEDERS TO PANELBOARDS WITH LANDLORD AND PROVIDE ALL NECESSARY APPURTENANCES AS REQUIRED BY LANDLORD AND OWNER.
12. WHERE THE WORD "PROVIDE" IS USED, THE WORD IS UNDERSTOOD TO MEAN "THE ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL AND MAKE FINAL CONNECTION TO THE EQUIPMENT", UNLESS OTHERWISE NOTED.
13. VERIFY EXACT LOCATION, MOUNTING HEIGHT AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PROVIDED BY OTHERS (INCLUDING HVAC EQUIPMENT) PRIOR TO ROUGH-IN AND PROVIDE ALL REQUIRED FUSIBLE SWITCHES, TRANSFORMERS, STARTERS NECESSARY FOR PROPER OPERATION OF EQUIPMENT.
14. REFER TO LANDLORD'S DESIGN SPECIFICATION FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
15. NEW & RELOCATED LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS OF THE CONTROLS LOCATED NO HIGHER THAN 48" AND NO LOWER THAN 15" ABOVE THE FLOOR PER A.D.A. REQUIREMENTS. RESOLVE ANY CONFLICT IN MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH IN.
16. REFER TO ALL DISCIPLINES, INCLUDING ARCHITECTURAL & KITCHEN, PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
17. ALL RECEPTACLES IN PUBLIC SPACES SHALL BE LISTED TAMPER-RESISTANT, AS SHOWN ON DRAWINGS.
18. ALL CONDUITS ARE TO BE CONCEALED IN WALLS OR ABOVE CEILINGS. CONDUITS IN EXPOSED CEILING AREAS SHALL EXIT WALLS AS CLOSE TO ROOF/FLOOR STRUCTURAL DECK AS POSSIBLE.
19. ALL LOW VOLTAGE WIRING IN CEILING PLENUM (INCLUDING TELEPHONE, DATA, ALARM AND TEMP. CONTROL WIRING) SHALL BE UL LISTED TEFLON PLENUM CABLE.
20. UNLESS OTHERWISE NOTED, ALL ELECTRICAL WORK FOR FABRICATED FOOD SERVICE EQUIPMENT SHALL BE COMPLETELY WIRED BY KITCHEN EQUIPMENT DIVISION TO A JUNCTION BOX OR PULL BOX MOUNTED ON THE EQUIPMENT IN AN ACCESSIBLE LOCATION. FINAL CONNECTIONS TO EQUIPMENT JUNCTION BOX OR PULL BOX AND ALL ELECTRICAL WORK FROM PANEL BOARDS TO BE BY THE ELECTRICAL DIVISION.
21. FINAL CONNECTIONS TO ALL EQUIPMENT TO BE BY ELECTRICAL DIVISION, INCLUDING MATERIALS.
22. ELECTRICAL DIVISION TO PROVIDE THE FOLLOWING:
 - A. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC., NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION BOXES, COVER PLATES, ETC., IN DISHROOMS OR AS INDICATED ON SCHEDULES MUST BE VAPOR PROOF.
 - B. ALL PLUGS AND CORDS AS NOTED ON SCHEDULE. ALL CORDS SHALL BE N.E.M.A.-RATED AND U.L.-APPROVED FOR MANUFACTURED AND/OR FABRICATED EQUIPMENT.
 - C. SHUNT-TRIP CIRCUIT BREAKERS/CONTACTORS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOODSERVICE EQUIPMENT BELOW HOODS/VENTILATORS AS REQUIRED BY ADOPTED N.F.P.A. AND LOCAL CODES.
 - D. DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES.
23. WHEN APPLICABLE, ELECTRICAL DIVISION TO PROVIDE CONDUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY K.E.C.) AND INTERWIRE BETWEEN THE FOLLOWING.
 - A. REMOTE REFRIGERATION EQUIPMENT TO EVAPORATOR COILS.
 - B. CONTROL PANELS TO WATER-TYPE, VENTILATORS AND EXHAUST SUPPLY FANS PER MANUFACTURER'S INSTRUCTIONS.
 - C. KITCHEN EXHAUST HOOD/VENTILATORS TO FIRE CONTROL SYSTEM AND SHUT-OFFS.
24. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ALL TRADES AND VERIFY THAT ALL EQUIPMENT SHIPPED TO THE SITE IS COMPATIBLE WITH MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS PRIOR TO INSTALLATION OF SAID EQUIPMENT. IN THE EVENT OF ANY DISCREPANCIES, IMMEDIATELY CONTACT DESIGNER BEFORE PROCEEDING.
25. ALL DEDICATED CIRCUIT OUTLETS SHALL BE ORANGE.
26. SUSPENDED ELECTRICAL CONDUITS AND OUTLET BOXES ARE TO BE SUPPORTED FROM THE STRUCTURE USING METAL BRACES.
27. THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRE-STOP SYSTEM INSTALLED AND TESTED IN ACCORDANCE WITH ASTM 814 OR UL1479 WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH OF WATER (2.49P). THE SYSTEM SHALL HAVE AN "F" RATING AND A "T" RATING OF NOT LESS THAN 1-HOUR, BUT NOT LESS THAN THE REQUIRED RATING OF THE WALL PENETRATED.
28. DISCONNECT SWITCHES PROVIDED TO SERVE KITCHEN EQUIPMENT SHALL BE NEMA 4X STAINLESS STEEL.
29. VERIFY THE VOLTAGE AND AMPERAGE REQUIREMENTS OF ALL EQUIPMENT DELIVERED TO THE SIDE PRIOR TO CONNECTION. NOTIFY OWNER OF ANY DIFFERENCE.



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JERSEY MIKES - KANSAS CITY

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Description Date

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ELECTRICAL
POWER
PLAN

Project # 43426-M001

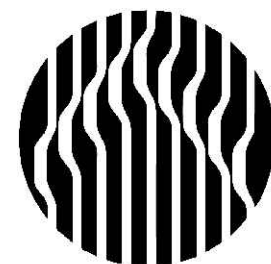
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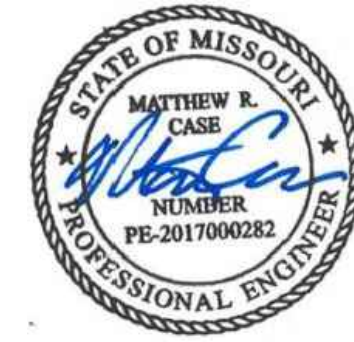


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ELECTRICAL
LIGHTING
PLAN

Project # 43426-M001

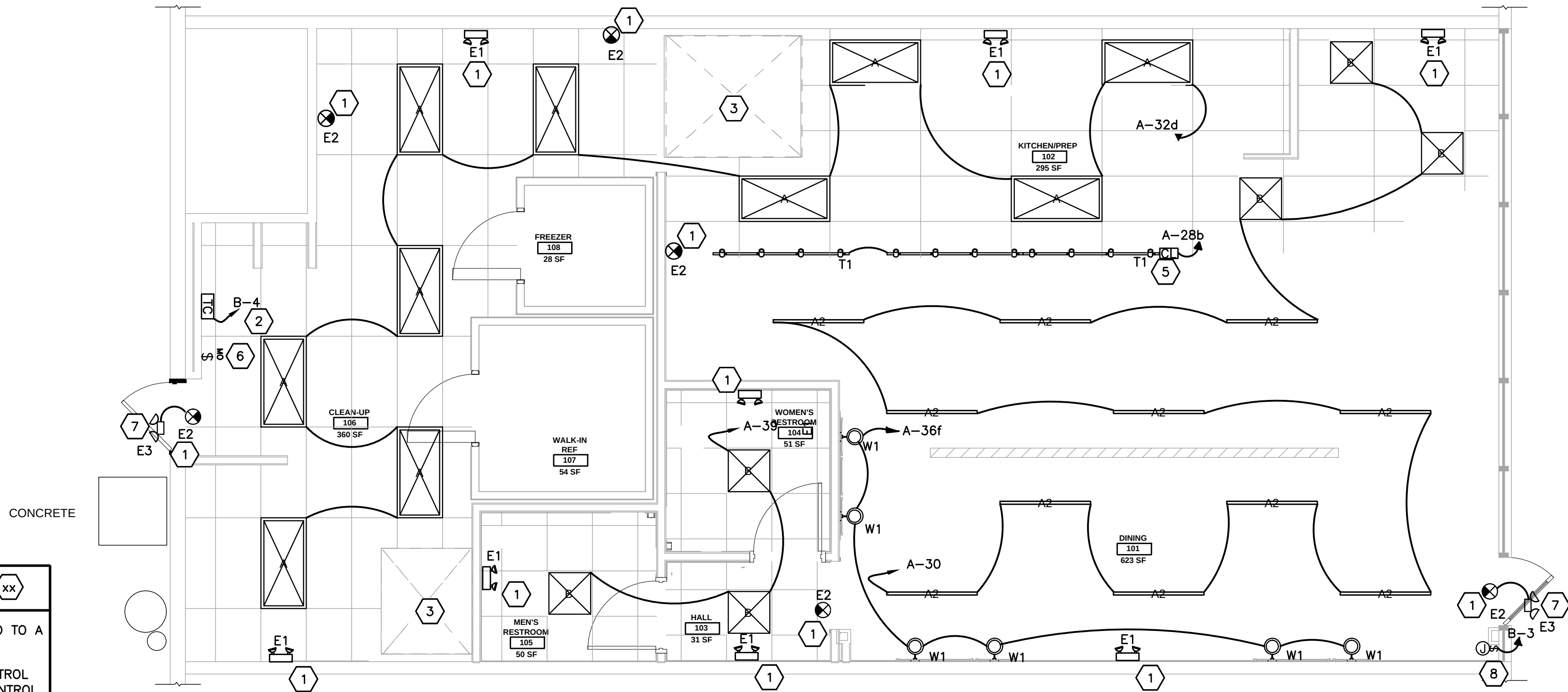
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ELECTRICAL LIGHTING PLAN

1/4" = 1'-0"



LIGHTING PLAN KEYED NOTES

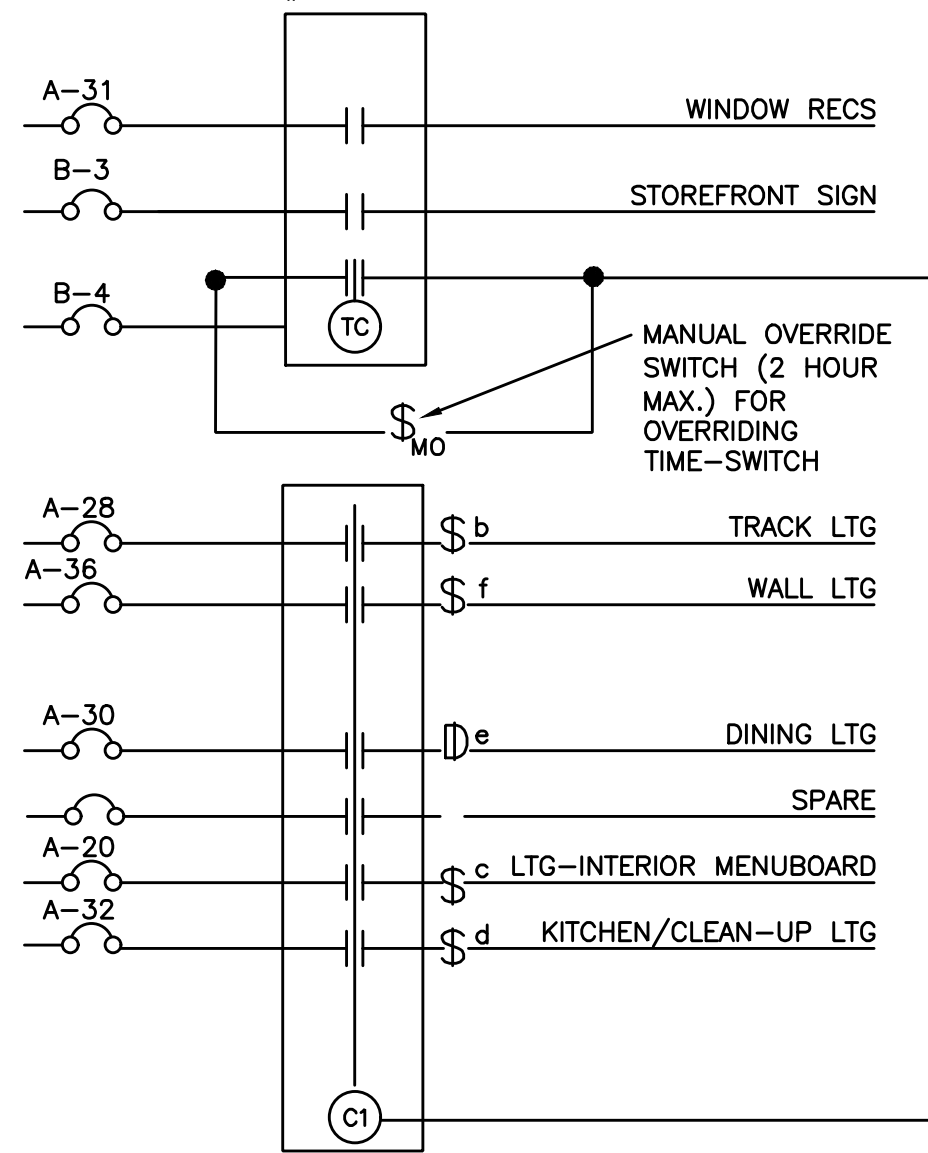
- EMERGENCY EGRESS/EXIT FIXTURES SHALL BE CONNECTED TO A NON-SWITCHED LEG OF LOCAL CIRCUIT.
- TIMECLOCK MOUNTED IN STOCKROOM. SEE 'LIGHTING CONTROL DIAGRAM', THIS SHEET. COORDINATE WITH OWNER FOR CONTROL SCHEDULE(S) AND OTHER REQUIREMENTS.
- EXHAUST HOOD LIGHTS SUPPLIED WITH HOOD AND MOUNTED IN PRE-WIRED J-BOX. COMPLETE CIRCUITING. SEE MECHANICAL HOOD SHOP DRAWINGS FOR MORE INFORMATION.
- NOT USED
- PROVIDE A 1-AMP CURRENT LIMITER END FEED CONNECTION COMPATIBLE WITH TRACK.
- MANUAL OVERRIDE SWITCH. REFER TO LIGHTING CONTROL DETAIL ON THIS SHEET.
- EC TO PROVIDE WEATHERPROOF EXTERIOR EGRESS LIGHT. FIXTURE SHALL BE A STANDARD ACCESSORY OF THE EXIT SIGN TO WHICH CONNECTED.
- PER LANDLORD LEASE LETTER, STOREFRONT SIGN POWER PROVIDED BY LANDLORD. VERIFY EXISTING CONDITIONS, PROVIDE ADDITIONAL WORK AS REQUIRED FOR CODE COMPLIANCE AND EQUIPMENT FUNCTIONALITY. PROVIDE CONNECTIONS FOR OPERATION FROM TENANT LIGHTING CONTROL SYSTEM PER DETAILS THIS SHEET. FIELD VERIFY CIRCUITING.

LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	CATALOG NUMBER	DESCRIPTION	VOLTS	MOUNTING	LAMP/FIXT	WATTS/LAMP	FIXTURE WATTS	LAMP TYPE
	A	MIC-24FP-35K-50W	2'X4' FLAT PANEL LED	UNIV	LAY-IN	1	50	50	LED
	B	MIC-22FP-35K-50W	2'X2' FLAT PANEL LED	UNIV	LAY-IN	1	40	40	LED
	T1	TH-10W-35K-WHITE	WHITE TRACKHEAD FOR MENUBOARD AND ABOVE MEAT CASE AND SLICER	UNIV	TRACK	1	10	10	LED
	W1	JM9002	WALL SCONCE POLISHED NICKEL G40 LED FILAMENT BULB	UNIV	WALL	1	6	6	LED
	E1	EM2H-90	2-HEAD 6V EMERGENCY	UNIV	WALL	2	2.2	4.4	LED
	E2	EXIT-6IN	EXIT UNIV. LED RED	UNIV	WALL	1	2.2	2.2	LED
	E3	EMEXIT2H-90-6IN	EXIT/EMERG. COMBO LED W/REMOTE	UNIV	SURFACE	2	2.2	4.4	LED
	A2	14CGT4035C	1'X4' FLAT PANEL LED	UNIV	LAY-IN	1	39.4	39.4	LED

LAMP SCHEDULE

WATTSTOPPER #TS-400, OR APPROVED EQUAL



COORDINATE WITH OWNER FOR ON/OFF SCHEDULE

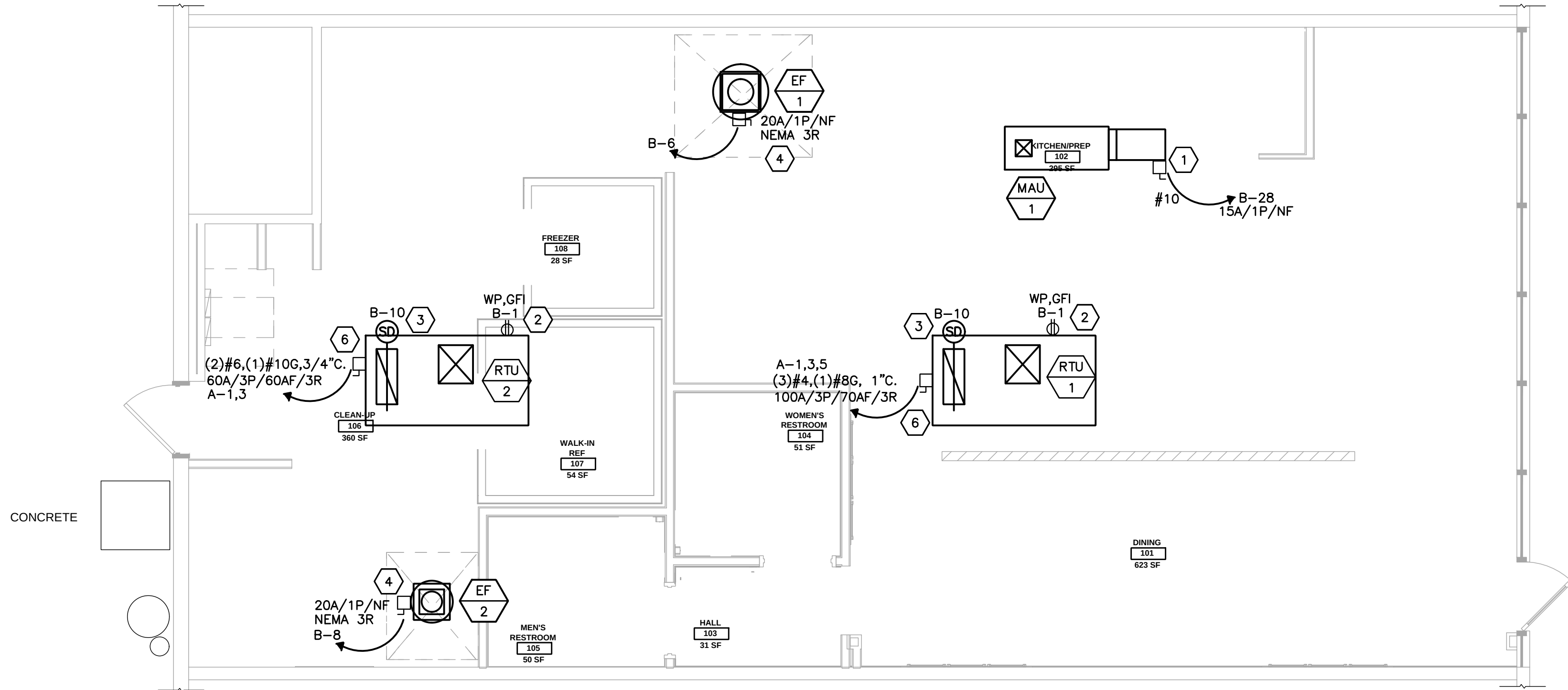


LIGHTING CONTROL DIAGRAM

SCALE: NONE

LUMINAIRE SCHEDULE NOTES:

- ALL LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE (UNLESS NOTED WITH **) ARE PROVIDED BY THE CONTRACTOR VIA A NATIONAL CONTRACT WITH FSG LIGHTING NATIONAL ACCOUNTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE WITH LEON MOWADIA OF FSG AT (212) 776-7900 X21113, OR (848) 203-7175, OR BY EMAIL LEON.MOWADIA@FSGI.COM
- **LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE INDICATED WITH (**) ARE PROVIDED BY THE CONTRACTOR VIA A NATIONAL ACCOUNT 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.



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

ELECTRICAL HVAC PLAN KEYED NOTES (XX)

1. FACTORY INSTALLED DISCONNECT SWITCH.
2. EC TO CONNECT POWER SUPPLY TO FACTORY INSTALLED RECEPTACLE.
3. PROVIDE #12 CONDUCTORS TO DUCT SMOKE DETECTORS, AND WRING TO REMOTE TESTING STATIONS AS LOCATED BY A.H.J.
4. NEW EXHAUST FANS EF-1, EF-2. PROVIDE CONDUIT AND CONDUCTORS AS SCHEDULED. COORDINATE ELECTRICAL REQUIREMENTS AND LOCATION OF EQUIPMENT WITH MC PRIOR TO BID. PROVIDE INTERLOCK WITH HOOD CONTROLS.
5. NOT USED.
6. NEW RTU-1, RTU-2. PROVIDE FUSED DISCONNECT ON LINE SIDE OF FACTORY DISCONNECT SWITCH AS SHOWN. VERIFY EXACT LOCATION AND ALL ELECTRICAL WORK WITH MECHANICAL CONTRACTOR.



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ELECTRICAL
HVAC
PLAN

Project # 43426-M001

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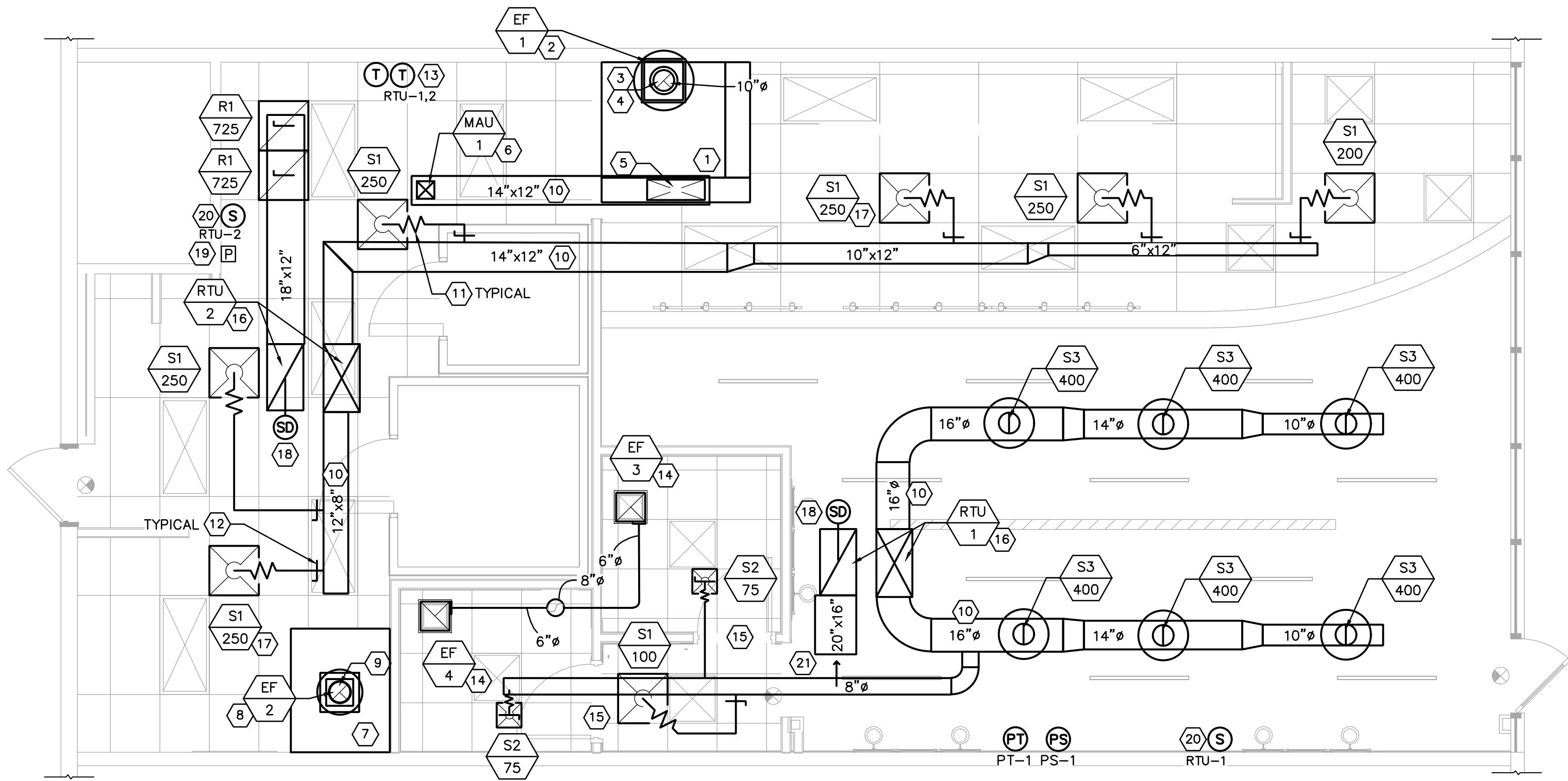
		1		2		3		4		5		6								
NOTES	MOUNT: SURFACE		120/208		3-PHASE, 4W		PANEL A		CAPACITY: 200A		INT CAP: 65KA		NOTES							
	LOCATION: BACK DOOR WALL						LUGS: 200A MCB		DEMAND LOAD: 185A		AV. FAULT:									
CKT	LTG	REC	HVAC	MISC	KIT	DESCRIPTION		AMP	POLE	±	AMP	POLE	DESCRIPTION		LTG	REC	HVAC	MISC	KIT	CKT
1			6.40					A	20	1			CONV RECEP							2
3			6.40			RTU-1		70	3	B	15	1	23A CONDENSATE HOOD						0.86	4
5			6.40							C	20	1	#26 DRINK DISPENSER						1.12	6
7					0.90	4" DROP IN COLD UNITS		15	1	A	20	1	#28 BREWER/DISPENSER						1.73	8
A	9				0.42	#4 MEAT SLICER		15	1	B	15	1	#31 COUNTER-TOP FOOD WARMER						0.70	10
A	11				3.73					C	20	1	#31B RECESSED BACON WARMER						0.42	12
13					3.73	#10 BREAD OVEN		60	3	A	20	1	#34 BAG-IN BOX SYSTEM						0.60	14
A	15				3.73					B	20	1	#17 PEPSI COOLER						0.86	16
A	17				0.67	#18B WALK-IN COOLER		20	2	C	20	1	#8 CASH REGISTERS						1.20	18
19					0.67					A	20	1	MENU BOARD						0.50	20
21			1.90			#18A CONDENSING UNIT (WIC)		15	1	B	20	1	KITCHEN RECEPS		0.60					22
23			1.15			#19B STEP IN FREEZER		15	2	C	20	1	RESTROOM RECS.		0.36					24
25			1.15							A	20	1	#4 MEAT SLICER		0.42					26
27			1.80			#19A CONDENSING UNIT (SIF)		15	1	B	20	1	TRACK LTG		0.12					28
A	29				0.86	#21A SANDWICH UNIT		15	1	C	20	1	DINING LTG		0.76					30
31		0.72				WINDOW RECS		20	1	A	20	1	KITCHEN/CLEAN-UP LTG		0.54					32
33		1.08				WALL RECS		20	1	B	20	1	SPARE							34
A	35				1.00	#1 4' MEAT CASE		20	1	C	20	1	WALL LTG		0.04					36
37		0.20				TV RECEP		20	1	A					0.00	2.61	3.69	0.00	0.00	38
39	0.20					RESTROOM LTG		20	1	B	100	3	PANEL B		1.00	0.58	5.51	0.25	0.91	40
41						SPARE		20	1	C					0.00	1.69	3.73	0.68	0.70	42
PHASE BALANCE		LOAD TYPE		CONNECTED		DEMAND		DEMAND FORMULA		TOTAL LOAD		OADS								
±		LOAD		%		RECEPTACLE		8.5 KVA		77.0 KVA										
A		24.5 KVA		32%		HVAC		33.6 KVA		33.6 KVA										
B		27.4 KVA		36%		MISC		0.9 KVA		0.9 KVA										
A		25.0 KVA		32%		KIT		31.3 KVA		20.4 KVA										
								65% PER NEC TABLE 220.56												

MECHANICAL SYMBOLS LEGEND	
	THERMOSTAT
	FLEXIBLE DUCT
	VOLUME DAMPER
	FIRE DAMPER
	CEILING SUPPLY AIR DIFFUSER
	CEILING RETURN AIR GRILLE
	SIDEWALL AIR DIFFUSER OR GRILLE
	NEW DUCTWORK
	EXISTING DUCTWORK
	CONDENSATE DRAIN
	GAS PIPING
	PIPE TURNING DOWN
	PIPE TURNING UP
	BALL VALVE
	GATE VALVE
	CONNECTION OF NEW TO EXISTING
	CHECK VALVE
	GAS COCK
	UNION
	PRESSURE GAUGE
	STRAINER
	ABOVE FINISHED FLOOR
	AIR DEVICE #
	CFM
	TURNING VANES
	S - SUPPLY
	R - RETURN
	E - EXHAUST

DIFFUSER NECK SIZE SCHEDULE	
NECK SIZE	CFM
6"	0 - 140
8"	150 - 250
10"	260 - 400
12"	410 - 600
14"	610 - 1000
16"	1010 - 1400
18"	1410 - 1900

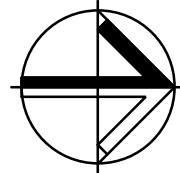
OUTDOOR AIR CALCULATIONS											
DESCRIPTION	AREA (SQ. FT.)	AREA OUTDOOR AIR RATE PER IMC TABLE 403.3 (Ra)	AREA OUTDOOR AIR (RaAz)	OCCUPANT LOAD RATE PER IMC TABLE 403.3 (PEOPLE/1000 SQ. FT.)	OCCUPANCY CxP /1000 (Pz)	OCCUPANT OUTDOOR AIR RATE PER IMC TABLE 403.3 (Rp)	OCCUPANT OUTDOOR AIR (RpPz)	BREATHING ZONE OUTDOOR AIR (Vbz=RpPz +RaAz)	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIR (Voz=Vbz/Ez)	OUTDOOR AIR FRACTION (Zp=Voz/Vpz)
RTU-1											
101 DINING	623	0.18	112	70	44	7.5	327	439	0.8	549	0.23
103 HALL	31	0.12	4	-	-	-	-	3	0.8	4	-
104/105 TOILETS	101	0	0	-	-	-	-	-	0.8	-	-
102 SERVICE	295	0.12	35	20	6	7.5	44	80	0.8	100	0.14
106 CLEAN-UP	360	0.12	43	20	7	7.5	54	97	0.8	122	0.16
TOTALS	1410				57					774	0.19
											Ev
											0.99
TOTAL REQUIRED OUTDOOR AIR			773.8								

FAN SCHEDULE											
MARK	AREA SERVED	MFR	MODEL	CFM	ESP W.G.	SONES	DRIVE	RPM	HP	V/PH/HZ	WEIGHT LBS.
EF-1	KITCHEN	CAPTIVEAIRE	DUSO5HFA	1000	1.0	12.4	DIRECT	1348	0.50	115/1/60	79
EF-2	CLEAN-UP	CAPTIVEAIRE	DU12HFA	400	0.3	8.4	DIRECT	1487	0.25	115/1/60	48
EF-3	RESTROOM	COOK	GC-148	75	0.5	2.0	DIRECT	935	36W	115/1/60	14
EF-4	RESTROOM	COOK	GC-148	75	0.5	2.0	DIRECT	935	36W	115/1/60	14
1. PROVIDE WITH FACTORY WHITE PLASTIC CEILING GRILLE, PLUG DISCONNECT, VIBRATION ISOLATION MOUNTING, BACKDRAFT DAMPER, AND FLEXIBLE DUCT CONNECTION. EXTEND DUCT AS SHOWN ON PLAN.											
2. VERIFY WITH CAPTIVEAIRE DRAWINGS M3-1 THROUGH M3-11.											
3. VERIFY ELECTRICAL VOLTAGE/PHASE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.											
D. INTERLOCK OPERATION SUPPLY FANS AND EXHAUST FANS. EF-1, EF-2 WITH MAU-1, RTU-1. RTU-2.											
T. FAN SHALL BE INTERLOCKED WITH OVEN CONTROLS.											
V. FAN TO BE INTERLOCKED WITH LIGHT SWITCH.											



MECHANICAL PLAN

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



MECHANICAL UNIT SUPPORT

RELATED TO STRUCTURAL SUPPORT:
ALL NEW, REPLACEMENT AND/OR RELOCATED MECHANICAL UNITS, KITCHEN EXHAUST HOOD(S), MAKE-UP AIR UNIT(S), ELECTRICAL TRANSFORMER(S), WATER HEATER(S), INCLUDING ANY CURB(S), AND/OR CURB ADAPTOR(S)/TRANSITION CURB(S) (WHERE APPLICABLE), ARE SHOWN FOR REFERENCE ONLY.

ADEQUACY OF THE STRUCTURE'S ABILITY TO SUPPORT ANY OR ALL OF THESE SYSTEMS OR COMPONENT WEIGHTS, INCLUDING THE EFFECTS OF DEFLECTION, POTENTIAL FOR PONDING, SNOW DRIFTING (AS APPLICABLE), WIND LOADING, AND SEISMIC LOADING HAS NOT BEEN EVALUATED BY CASE ENGINEERING, INC. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUACY AND CODE COMPLIANCE OF EXISTING STRUCTURE TO SUPPORT PROPOSED NEW EQUIPMENT.

AIR BALANCE SCHEDULE

MARK	OA CFM	EA CFM	BALANCE
RTU-1	700	-	+700
RTU-2	400	-	+400
MAU-1	750	-	+750
EF-1	-	1000	-1000
EF-2	-	400	-400
EF-3	-	75	-75
EF-4	-	75	-75
TOTAL:	1850	1550	+300

MAKE UP AIR UNIT SCHEDULE

MARK	MFR	MODEL NO.	CFM	ESP	HP	GAS HEAT MBH IN/OUT	EFFICIENCY	ELECTRICAL MCA/MOCP V/PH	WEIGHT	REMARKS
MAU-1	CAPTIVEAIRE	D76-G7D	750	0.4	1.0	49.02/45.1	92%	16.6/25 115/1	306	1

1. SEE CAPTIVEAIRE HOOD SHEETS FOR MORE INFORMATION.

AIR DEVICE SCHEDULE

MARK	MFR	MODEL	MATL.	NECK SIZE	FRAME TYPE	PANEL SIZE	REMARKS
S1	TITUS	PSS	ST.	SCHED.	LAY-IN	24"x24"	1,2,3
S2	TITUS	PSS	ST.	SCHED.	LAY-IN	12"x12"	1,2,3
S3	TITUS	TMRA	ST.	SCHED.	DUCT-MOUNTED	10" NOM DUCT	1,2,3
R1	TITUS	PAR	ST.	SCHED.	LAY-IN	24"x24"	1,2,3

- AIR DEVICE RUN-OUT SHALL BE SAME SIZE AS DIFFUSER NECK.
- NC<30.
- DIFFUSER SHALL BE WHITE TO MATCH CEILING.

ROOF TOP UNIT SCHEDULE

MARK	MFR	MODEL NO.	TONS	CFM	O.A. CFM	E.A.T. DB/WB	ESP	HP	COOLING MBH TLT/SEN	GAS HEAT MBH IN/OUT	EER/SEER	ELECTRICAL MCA/MOCP V/PH	WEIGHT	REMARKS
RTU-1	TRANE	YHK102A3	8.5	2650	700	75/63	0.8	3.0	110.61/79.77	57/55 150/121.5	97.26	12.1/16.3	53/70 208/3	1284 1,2,3,4,5,6
RTU-2	TRANE	YHK048A3	4.0	1450	400	75/64	0.8	3.0	50.17/38.32	58/57 80/64.8	95.78	12.9/17.1	28/40 208/3	1089 1,2,3,4,5,6

- SZVAV
- INTERLOCK OPERATION SUPPLY FANS AND EXHAUST FANS. SEE EXHAUST FAN SCHEDULE FOR ADDITIONAL INFORMATION.
- VERIFY ELECTRICAL VOLTAGE/PHASE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.
- PROVIDE ROOF TOP UNIT IN FULL COMPLIANCE WITH LOCAL CODES. ACCESSORIES: DIFFERENTIAL ENTHALPY ECONOMIZER, ECONOMIZER CONTROLS, OUTDOOR AIR DAMPERS, HAIL GUARDS, NON-FUSED ELECTRICAL DISCONNECT, UNPOWERED CONVENIENCE OUTLET, BAROMETRIC RELIEF, AND HOT GAS REHEAT DEHUMIDIFICATION AND CONTROLS.
- PROVIDE 14" TALL ROOF CURB, VERIFY EXACT LOCATION IN FIELD.
- BAROMETRIC ASSIST EXHAUST FANS.

HVAC & SPRINKLER KEYED NOTES

- NEW 54"x72" TYPE I GRIDDLE HOOD WITH A 3" INTERNAL STANDOFF AND A LAYER OF INSULATION BEHIND THE HOOD TO COMPLY WITH 0" CLEARANCE TO COMBUSTIBLES. PROVIDE COMPLETE FIRE SUPPRESSION SYSTEM FOR EQUIPMENT UNDER HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION.
- NEW EXHAUST FAN (EF-1) FOR TYPE I GRIDDLE HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. LOCATE ON ROOF AND ROUTE EXHAUST DUCT THROUGH SIDE WALL. MAINTAIN MINIMUM 10'-0" HORIZONTAL DISTANCE BETWEEN EXHAUST FAN AND OUTSIDE AIR INTAKES.
- NEW 10"Ø WELDED 16 GAUGE BLACK STEEL GREASE DUCT WITH LIQUID TIGHT EXTERNAL WELD FROM TYPE I GRIDDLE HOOD. ROUTE DUCTWORK THROUGH SIDEWALL UP TO ROOF TO EF-1. PROVIDE CLEAN-OUTS IN HORIZONTAL DUCTWORK AND EACH CHANGE OF DIRECTION AND MAX. 20 FT ON CENTER AS REQUIRED BY CODE.
- PROVIDE GREASE DUCT WRAP WITH TWO (2) LAYERS OF 3M FIRE BARRIER DUCT WRAP 15A, 1-1/2" THICK WITH 4" PERIMETER AND LONGITUDINAL OVERLAPS WHERE REQUIRED BY CODE. PROVIDE TWO HOUR FIRE RESISTIVE RATING AND ZERO CLEARANCE TO COMBUSTIBLES AT OVERLAP OR COLLAR. 3M FIRE BARRIER DUCT WRAP IS LISTED BY INTERTEK 3MU/FRD 120-13 (FORMERLY OPL GD556F) AND ASTM E 2336. INSTALL PER MANUFACTURER'S INSTRUCTIONS. REFER TO GREASE EXHAUST DUCT DETAILS M2.1 FOR ADDITIONAL INFORMATION.
- NEW 12"x72" PERFORATED SUPPLY PLENUM AT TYPE I GRIDDLE HOOD. PROVIDE TRANSITION FROM 28"x10" CONNECTION TO 14"x12" SUPPLY DUCTWORK. ROUTE DUCTWORK UP THRU ROOF TO MAKE-UP AIR UNIT (MAU-1). BALANCE TO 750 CFM. REFER TO HOOD DRAWINGS FOR INFORMATION.
- NEW MAKEUP AIR FAN (MAU-1) ON ROOF FOR PERFORATED SUPPLY PLENUM AT TYPE I GRIDDLE HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. VERIFY LOCATION ON ROOF WITH LANDLORD REP.
- NEW 60"x45" TYPE II BREAD OVEN HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION.
- NEW EXHAUST FAN (EF-2) FOR TYPE II BREAD OVEN HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. LOCATE ON ROOF IN FRONT OF TENANT'S SPACE. MAINTAIN MINIMUM 10'-0" HORIZONTAL DISTANCE BETWEEN EXHAUST FAN AND OUTSIDE AIR INTAKES.
- 10"Ø EXHAUST DUCT FROM TYPE II BREAD OVEN HOOD. ROUTE DUCTWORK UP THRU ROOF TO EF-2. TRANSITION DUCT AT FAN.
- NEW 2" EXTERNALLY INSULATED SUPPLY AND MAKE-UP AIR DUCT PROVIDED BY CONTRACTOR (TYPICAL). SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS. HOLD DUCTWORK HIGH AS POSSIBLE BELOW JOIST SPACE.
- 5'-0" FLEXIBLE DUCT (TYPICAL) MAXIMUM. PROVIDE SMOOTH TRANSITION AND PROPER SUPPORTS PER SMACNA. USE FLEXIBLE DUCT FOR FINAL RUNOUT TO DIFFUSER ONLY. REFER TO SCHEDULE FOR FLEXIBLE DUCT SIZES.
- MANUAL VOLUME DAMPER. (TYPICAL)
- PROVIDE SEVEN-DAY PROGRAMMABLE THERMOSTATS WITH AUTO CHANGEOVER AND RELATED WIRING TO CONTROL ROOF TOP UNITS. THERMOSTATS TO BE HONEYWELL MODEL TB7220. MOUNT AT 48" AFF. VERIFY LOCATION OF THERMOSTATS WITH ELEVATION ON ARCHITECTURAL DRAWINGS. VERIFY PROPER OPERATION IN FIELD.
- NEW CEILING MOUNTED TOILET EXHAUST FANS (EF-3,4). FAN SHALL BE WIRED AND OPERATED THROUGH THE LIGHT SWITCH. COORDINATE WITH ELECTRICAL CONTRACTOR. PROVIDE 6" EXHAUST DUCT WITH BACKDRAFT DAMPER AND CONNECT TO 8" EXHAUST DUCT. ROUTE DUCTWORK THRU AREA ABOVE ROOF OVERHANG AND ROUTE THRU ROOF WITH RAIN CAP AS SHOWN. DISCHARGE SHALL BE AT LEAST 10'-0" AWAY FROM ANY OUTSIDE AIR INTAKES. FIELD VERIFY LOCATION. REFER TO EXHAUST FAN SCHEDULE ON THIS SHEET AND TOILET EXHAUST FAN DETAIL 6/M2.1 FOR INFORMATION.
- DOOR TO BE UNDERCUT FOR MAKE-UP AIR.
- PROVIDE ROOFTOP UNITS (RTU-1,2) AS SCHEDULED AND SPECIFIED. VERIFY LOCATION WITH LANDLORD PRIOR TO ANY WORK. ROUTE CONDENSATE PIPING TO DRAIN INDIRECTLY INTO MOP SINK.
- SUPPLY AIR DIFFUSER CFM SHALL BE ADJUSTED AS REQUIRED FOR PROPER AIR FLOW AROUND THE HOOD.
- PROVIDE NEW SMOKE DETECTOR IN RETURN DUCT TO MEET CODE REQUIREMENTS. CONNECT INTO FIRE ALARM SYSTEM.
- ANSUL SYSTEM PULL STATION, VERIFY EXACT LOCATION IN FIELD WITH LOCAL CODE OFFICIAL PRIOR TO INSTALLATION.
- PROVIDE WIRED REMOTE TEMPERATURE SENSOR AND CONNECT TO THERMOSTAT FOR RTU. MOUNT ON WALL AT 48" AFF. VERIFY LOCATION AND HEIGHT WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLING. PROVIDE INSULATED BASE FOR SENSORS ON EXTERIOR WALLS. COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. THERMOSTAT IS NOT TO BE UTILIZED AS SENSOR.
- TERMINATE OPEN END OF DUCT WITH WIREMESH SCREEN.

RTU-1,2

(NOTE: ST=SPACE TEMPERATURE)

1. UNOCCUPIED MODE:

- SETPOINT: HEATING 55°F/COOLING 85°F/HUMIDITY 55%
- OUTSIDE AIR DAMPER: CLOSED
- SUPPLY FAN: NORMALLY OFF, OPERATES ONLY ON THERMOSTAT CALL FOR HEATING OR COOLING.
- HEATING MODE: ENERGIZES WHEN ST < SETPOINT-3°F
- COOLING MODE: ENERGIZES WHEN ST > SETPOINT+3°F, RA HUMIDITY > HUMIDITY SET POINT
- R.A. SMOKE DETECTOR/NORMAL MODE: NO ACTION
- R.A. SMOKE DETECTOR/ALARM MODE: SUPPLY FAN SHUT DOWN, RTU OFF.
- INTEGRATED AIR ECONOMIZER: ENABLED AT 65°F OUTDOOR AIR TEMPERATURE.
- RELIEF AIR: BAROMETRIC RELIEF VIA RTU WITH POWER EXHAUST.
- RTU ECONOMIZER OA/RA DAMPERS CONTROLLED BY BUILDING PRESSURIZATION SENSOR. FAN MAINTAINS BUILDING PRESSURIZATION BETWEEN 0.05" TO 0.08" ABOVE AMBIENT.
- HOT GAS REHEAT (HGR): IF R.A. HUMIDITY > HGR SETPOINT & NO DEMAND FOR COOLING, HGR ENERGIZES. SEE IOM FOR HGR SEQUENCE.

2. OCCUPIED MODE:

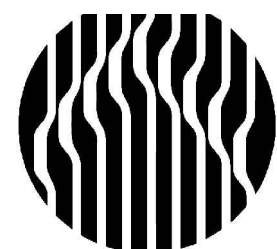
- SETPOINT: HEATING 68°F/COOLING 72°F/HUMIDITY 55%
- OUTSIDE AIR DAMPER: OPEN AT SCHEDULED CFM
- DEMAND CONTROL VENTILATION USING CO2: CO2 SENSOR CONTROLS OA DAMPER. WHEN SPACE CO2 IS BELOW 1100 PPM, OA AT MINIMUM POSITION. CO2 SENSOR MODULATES OA DAMPER / OA CFM TO MAINTAIN SPACE CO2 < 1100 PPM.
- SUPPLY FAN: RUNS CONTINUOUSLY.
- HEATING MODE: ENERGIZES WHEN ST < SETPOINT-3°F
- COOLING MODE: ENERGIZES WHEN ST > SETPOINT+3°F
- R.A. SMOKE DETECTOR/NORMAL MODE: NO ACTION
- R.A. SMOKE DETECTOR/ALARM MODE: SUPPLY FAN SHUT DOWN, RTU OFF.
- INTEGRATED AIR ECONOMIZER: ENABLED AT 65°F OUTDOOR AIR TEMPERATURE.
- RELIEF AIR: BAROMETRIC RELIEF VIA RTU WITH POWER EXHAUST.
- RTU ECONOMIZER OA/RA DAMPERS CONTROLLED BY BUILDING PRESSURIZATION SENSOR. FAN MAINTAINS BUILDING PRESSURIZATION BETWEEN 0.05" TO 0.08" ABOVE AMBIENT.
- HOT GAS REHEAT (HGR): IF R.A. HUMIDITY > HGR SETPOINT & NO DEMAND FOR COOLING, HGR ENERGIZES. SEE IOM FOR HGR SEQUENCE.

*PRIOR TO PROGRAMMING, COORDINATE WITH OWNER TIME OF DAY SCHEDULES AND SPACE SETPOINT TEMPERATURES. MECHANICAL CONTRACTOR SHALL TRAIN OWNER IN THERMOSTAT CONTROLS.

GAS HEATING MUA-KITCHEN EF - EQUIPMENT SEQUENCE OF OPERATIONS

MAU-1/EF-1,2/RTU-1,2 (KITCHEN TYPE-1 HOOD VENTILATION SYSTEM)

- (MODE) COOKING APPLIANCE(S) BELOW HOOD ACTIVATES:
 - RTU-1,2 AND EF-1,2 ARE INTERLOCKED AND AUTOMATICALLY ENERGIZE.
 - RTU-1,2 IS ENERGIZED IN OCCUPIED MODE.
- (MODE) HOOD FIRE SUPPRESSION SYSTEM ACTIVATES:
 - RTU-1,2 SHUTS DOWN.
 - EF-1,2 RUNS CONTINUOUSLY.
 - APPLIANCE GAS VALVE AUTOMATICALLY CLOSES.
 - APPLIANCE ELECTRICAL POWER SHUTS OFF.
- (MODE) COOKING APPLIANCE(S) BELOW HOOD DE-ACTIVATES:
 - EF-1,2, RTU-1,2 SHUTS DOWN.
 - RTU-1,2 MAY CONTINUE IN OCCUPIED MODE OR ENTER UNOCCUPIED MODE.
 - APPLIANCE GAS VALVE AUTOMATICALLY CLOSES.
 - APPLIANCE ELECTRICAL POWER SHUTS OFF.



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CERTIFICATE OF AUTHORITY NO. 001498



JERSEY MIKES - KANSAS CITY

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Description Date



10/07/2026

FOR PERMIT

Client Approval

Mechanical Plan

Project # 43426-M001

Issue Date 10/07/2026

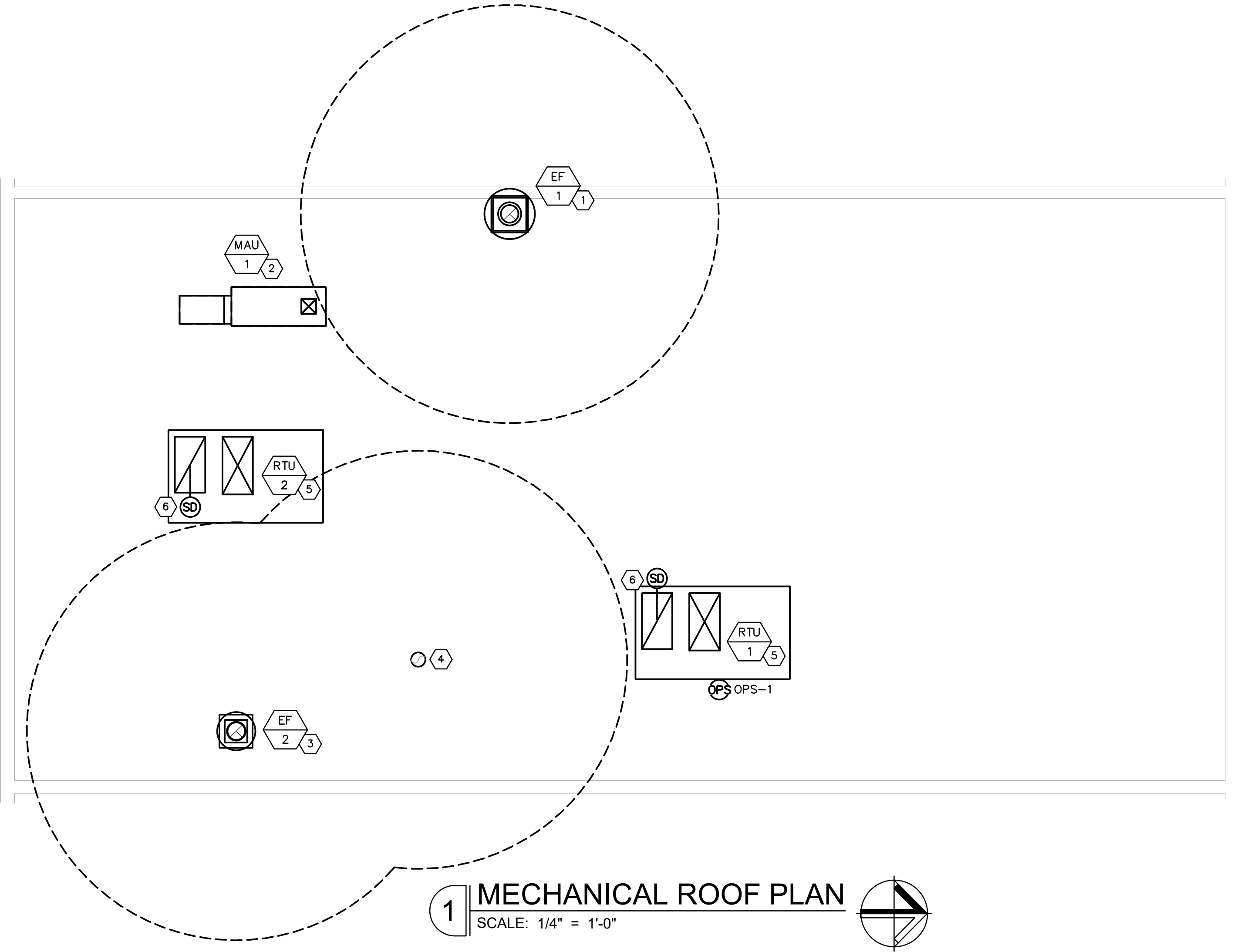
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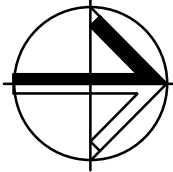
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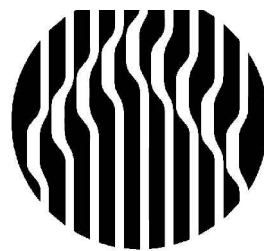


1 MECHANICAL ROOF PLAN
SCALE: 1/4" = 1'-0"



HVAC & SPRINKLER KEYED NOTES

- 1 NEW EXHAUST FAN (EF-1) FOR TYPE I GRIDDLE HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. LOCATE ON ROOF AND ROUTE EXHAUST DUCT THROUGH SIDE WALL. MAINTAIN MINIMUM 10'-0" HORIZONTAL DISTANCE BETWEEN EXHAUST FAN AND OUTSIDE AIR INTAKES.
- 2 NEW MAKEUP AIR FAN (MAU-1) ON ROOF FOR PERFORATED SUPPLY PLENUM AT TYPE I GRIDDLE HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. VERIFY LOCATION ON ROOF WITH LANDLORD REP.
- 3 NEW EXHAUST FAN (EF-2) FOR TYPE II BREAD OVEN HOOD. REFER TO HOOD DRAWINGS FOR INFORMATION. LOCATE ON ROOF IN FRONT OF TENANT'S SPACE. MAINTAIN MINIMUM 10'-0" HORIZONTAL DISTANCE BETWEEN EXHAUST FAN AND OUTSIDE AIR INTAKES.
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- 5 PROVIDE ROOFTOP UNITS (RTU-1,2) AS SCHEDULED AND SPECIFIED. VERIFY LOCATION WITH LANDLORD PRIOR TO ANY WORK. ROUTE CONDENSATE PIPING TO DRAIN INDIRECTLY INTO MOP SINK.
- 6 PROVIDE NEW SMOKE DETECTOR IN RETURN DUCT TO MEET CODE REQUIREMENTS. CONNECT INTO FIRE ALARM SYSTEM.



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10/07/2026

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Client Approval

Mechanical
Roof Plan

Project #	43426-M001
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Scale	As indicated
Drawn by	ATP
Checked by	JST

M1.1

DIVISION - 15 MECHANICAL SPECIFICATIONS

GENERAL

A. THE GENERAL CONDITIONS OF THE GENERAL SPECIFICATIONS, ALONG WITH ALL APPLICABLE INSTRUCTIONS TO BIDDERS SHALL FORM A PART OF THIS SECTION OF THE SPECIFICATIONS.

B. REFERENCE IS MADE TO REQUISITES FOR BIDDERS AND CONTRACTORS UNDER OTHER SECTIONS OF THESE SPECIFICATIONS, WHICH SHALL BE CONSIDERED BINDING, UNLESS OTHERWISE NOTED UNDER THIS SECTION.

SCOPE

EACH CONTRACTOR SHALL THOROUGHLY ACQUAINT HIMSELF WITH THE CONSTRUCTION DETAILS, BOTH AS ON TENANT CONSTRUCTION DRAWINGS AND LANDLORD'S AS REFERRED TO, BEFORE SUBMITTING HIS BID AS NO ALLOWANCES WILL BE MADE BECAUSE OF THE CONTRACTOR'S UNFAMILIARITY WITH THESE DETAILS. ALL PERFORMANCE OF CONSTRUCTION SHALL BE AS REQUIRED BY THE PACE OF THE GENERAL CONSTRUCTION.

INSPECTION OF SITE

ALL PROPOSALS SHALL PRECLUDE THAT CONTRACTOR IS FAMILIAR WITH JOB SITE CONDITIONS AND UTILITY LOCATIONS AND THE LACK OF SPECIFIC INFORMATION ON THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY.

PERMITS

ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE SUBCONTRACTOR INVOLVED.

CODE REQUIREMENTS

ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS OR AS DIRECTED BY THE OWNER, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, OR REGULATIONS OF THE GOVERNING BODIES, WHETHER SO SHOWN OR NOT, AND ALL MODIFICATIONS REQUIRED BY SUCH AUTHORITIES SHALL BE MADE BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO THE OWNER.

MATERIALS AND WORKMANSHIP

A. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED AS RECOMMENDED BY THE MANUFACTURERS, AND UNLESS OTHERWISE SPECIFIED SHALL BE NEW, AND FREE FROM ANY DEFECTS. ALL LIKE MATERIALS USED SHALL BE OF THE SAME MANUFACTURE AND QUALITY UNLESS OTHERWISE SPECIFIED.

B. ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED BY COMPETENT WORKMEN AND EXECUTED IN A NEAT AND WORKMANLIKE MANNER. WORK SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION AND ON COMPLETION, THE INSTALLATION SHALL BE THOROUGHLY CLEANED AND ALL DEBRIS PRESENT AS A RESULT OF THIS CONTRACT SHALL BE REMOVED FROM THE PREMISES, DO NOT JUST ABANDON.

CODES AND REGULATIONS

EACH SUBCONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS BEARING ON THE CONDUCT OF THE WORK AS DRAWN OR SPECIFIED. IF A SUBCONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT A VARIANCE, HE SHALL PROMPTLY NOTIFY THE GENERAL CONTRACTOR AND THE TENANT IN WRITING. IF ANY SUBCONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO LAWS, ORDINANCES, RULES AND REGULATIONS AND WITHOUT GIVING SUCH NOTICE, THE SUBCONTRACTOR SHALL BEAR ALL COSTS ARISING THEREFROM.

PROTECTION OF WORK AND PROPERTY

A. EACH SUBCONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF ALL HIS WORK FROM DAMAGE AND SHALL PROTECT THE OWNER'S PROPERTY FROM INJURY OR LOSS ARISING FROM HIS WORK. HE SHALL MAKE GOOD ANY SUCH DAMAGE, INJURY, OR LOSS, EXCEPT SUCH AS MAY BE DIRECTLY DUE TO CAUSES BEYOND HIS CONTROL AND NOT TO HIS FAULT OR NEGLIGENCE. HE SHALL ADEQUATELY PROTECT ADJACENT PROPERTY AS WELL.

B. EACH SUBCONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THEIR EMPLOYEES ON THE WORK AND SHALL COMPLY WITH ALL PROVISIONS OF FEDERAL, STATE AND LOCAL BUILDING CODES AND SAFETY LAWS TO PREVENT ACCIDENTS OR INJURY TO PERSONS ON OR ADJACENT TO THE PREMISES WHERE THE WORK IS BEING PERFORMED. EACH SUBCONTRACTOR SHALL MAINTAIN ALL INSURANCE REQUIRED TO PROTECT HIMSELF, OWNER AND TENANT FOR THE DURATION OF THE WORK AGAINST PROPERTY DAMAGE AND PUBLIC LIABILITY.

CHANGES IN THE WORK

THE TENANT, WITHOUT INVALIDATING THE CONTRACT, MAY ORDER EXTRA WORK OR MAKE CHANGES BY ALTERING, ADDING TO OR DEDUCTING FROM THE WORK, THE CONTRACT SUM BEING ADJUSTED ACCORDINGLY.

COOPERATION

ALL WORK UNDER THESE SPECIFICATIONS SHALL BE ACCOMPLISHED IN CONJUNCTION WITH OTHER CONTRACTORS AND TRADES OF THIS PROJECT IN A MANNER WHICH WILL ALLOW EACH CONTRACTOR AND TRADE ADEQUATE TIME AT THE PROPER STAGE OF CONSTRUCTION TO FULFILL HIS CONTRACTS. REFERENCE SHALL BE MADE TO THE OWNER FOR INSTRUCTIONS SHOULD ANY QUESTIONS ARISE BETWEEN TRADES AS TO THE PLACING OF LINES, DUCTS, CONDUITS, FIXTURES, OR EQUIPMENT, OR SHOULD IT APPEAR DESIRABLE TO REMOVE ANY GENERAL CONSTRUCTION WHICH WOULD AFFECT THE APPEARANCE OR STRENGTH OF THE STRUCTURE.

SUBSTITUTION OF MATERIALS

MANUFACTURER'S NAMES ARE LISTED HEREIN TO ESTABLISH A STANDARD. THE PRODUCTS OF OTHER MANUFACTURERS WILL BE ACCEPTABLE, IF IN THE OPINION OF THE TENANT, THE SUBSTITUTE MATERIAL IS OF A QUALITY AS GOOD OR BETTER THAN THE MATERIAL SPECIFIED, AND WILL SERVE WITH EQUAL EFFICIENCY AND DEPENDABILITY, THE PURPOSE FOR WHICH THE ITEMS SPECIFIED WERE INTENDED.

SHOP DRAWINGS

SHOP DRAWINGS AND CATALOG DATA ON ALL MAJOR ITEMS OF EQUIPMENT AND SYSTEMS, AND SUCH OTHER ILLUSTRATIVE MATERIAL AS MAY BE CONSIDERED NECESSARY BY THE TENANT, SHALL BE SUBMITTED BY THIS CONTRACTOR IN ADEQUATE TIME TO PREVENT DELAY AND CHANGES DURING CONSTRUCTION.

DRAWINGS AND SPECIFICATIONS

A. THE DRAWINGS SHOW DIAGRAMMATICALLY THE LOCATIONS OF THE VARIOUS LINES, DUCTS, CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL FITTINGS REQUIRED FOR A COMPLETE SYSTEM.

B. SHOULD ANY CHANGES BE DEEMED NECESSARY BY THE CONTRACTOR IN ITEMS SHOWN ON CONTRACT DRAWINGS, THE SHOP DRAWINGS, DESCRIPTIONS, AND THE REASON FOR THE PROPOSED CHANGES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL.

RESPONSIBILITY

A. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE SATISFACTORY AND COMPLETE EXECUTION OF ALL WORK INCLUDED IN HIS CONTRACT. HE SHALL PRODUCE COMPLETE FINISHED OPERATING SYSTEMS AND PROVIDE ALL INCIDENTAL ITEMS REQUIRED AS PART OF HIS WORK, REGARDLESS OF WHETHER SUCH ITEM IS PARTICULARLY SPECIFIED OR INDICATED.

B. CONTRACTOR SHALL SUPPLY TO LANDLORD AND TENANT A CERTIFIED BALANCE REPORT AT COMPLETION OF PROJECT. THIS IS REQUIRED FOR BOTH REMODELED AND NEW STORES.

HEATING, VENTILATING AND AIR CONDITIONING

GENERAL

A. THE WORK COVERED BY THIS SECTION OF THESE SPECIFICATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE RESPECTIVE DRAWINGS, INFORMATION, OR INSTRUCTIONS TO BIDDERS, AND THE GENERAL CONDITIONS, ADDENDA, OR DIRECTIVES WHICH MAY BE ISSUED BY THE OWNER, HEREWITH, OR OTHERWISE, SHALL BE COMPLIED WITH IN EVERY RESPECT.

B. THE LISTING HEREIN OF AN ARTICLE OR MATERIAL, OPERATION OR METHOD, REQUIRES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL EACH ITEM LISTED, UNLESS SPECIFICALLY NOTED TO THE CONTRARY. THE CONTRACTOR SHALL PERFORM EACH OPERATION PRESCRIBED OR LISTED ACCORDING TO THE CONDITIONS STATED.

EXAMINATION OF SITE

ALL CONTRACTORS' SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE SITE AND ALL CONDITIONS THEREON AND/OR THEREIN. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT.

SCOPE

FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR A COMPLETE FULLY OPERATIVE HEATING, VENTILATING, AND AIR CONDITIONING SYSTEM EXCEPT AS SPECIFICALLY EXCLUDED BY THE DRAWINGS, AND/OR TENANT'S DIRECTIONS.

EQUIPMENT

A. ALL SINGLE STAGE UNITS WILL BE EQUIPPED WITH PROGRAMMABLE THERMOSTAT. DESIGN AND STANDARD CONDITIONS FOR THERMOSTAT OPERATION WILL BE AS FOLLOWS:

COOLING: 75°F MAXIMUM OCCUPIED COOLING TEMPERATURE
85°F COOLING NIGHT SETBACK.

HEATING: 70°F MAXIMUM OCCUPIED HEATING TEMPERATURE
60°F HEATING NIGHT SETBACK.

FAN: CONTINUOUS IN OCCUPIED AND RECOVERY MODE AND WITH HEATING OR COOLING EQUIPMENT IN UNOCCUPIED MODE.

DEADBAND: CAPABLE OF MAINTAINING A 5°F DEADBAND.

CLOCK: 7 DAY CAPABLE OF 7 DIFFERENT DAY SCHEDULES.

OVERNIGHT: HAVE A 2 HOUR OVERRIDE ACCESSIBLE TO MANAGER.

BACKUP: CAPABLE OF MAINTAINING PROGRAMMED SETTING FOR AT LEAST 10 HOURS WITHOUT POWER.

B. THE HVAC SUBCONTRACTOR SHALL IDENTIFY ALL ROOF MOUNTED HVAC EQUIPMENT AND APPARATUS WITH 2" HIGH PAINTED STENCILED STORE NAME ON ALL SIDES OF EQUIPMENT.

DUCTWORK

A. SQUARE AND RECTANGULAR DUCTWORK SHALL BE CONSTRUCTED OF NEW GALVANIZED PRIME GRADE SHEET STEEL OF THE FOLLOWING GAUGES:

DUCT SIZE	GUAGE
12" AND LESS	NO. 26 U.S. GAUGE
13" TO 30"	NO. 24 U.S. GAUGE
31" TO 54"	NO. 22 U.S. GAUGE
55" TO 84"	NO. 20 U.S. GAUGE
85" AND OVER	NO. 18 U.S. GAUGE

B. SQUARE AND RECTANGULAR DUCTWORK SHALL BE CONSTRUCTED AS FOLLOWS:

SIZE	METHOD
17" AND LESS	"S" AND DRIVE CLEATS
18" TO 30"	"L" STANDING SEAMS ON 3'-0" CENTERS
31" TO 54"	1-1/4" STANDING SEAMS ON 3'-0" CENTERS

GREASE DUCTS SHALL BE BLACK CARBON STEEL NOT LESS THAN 0.054" (16 GA.), ALL SEAMS, JOINTS, AND PENETRATIONS SHALL HAVE A LIQUID TIGHT, CONTINUOUS, EXTERNAL WELD.

1. THE KITCHEN HOOD EXHAUST DUCTWORK SHALL BE ENCLOSED IN A RATED ENCLOSURE PER CODE.

2. THE CONTRACTOR SHALL INCLUDE IN HIS PRICE:
-ALL NECESSARY TRANSITION AND CONNECTION FITTINGS TO THE HOOD AND EXHAUST FANS.
-ALL CLEAN-OUT ACCESS PANELS AS REQUIRED BY CODE.
-ALL ELBOW AND TRANSITION FITTINGS.
-ALL HANGERS AND SUPPORTS.
-SHOP DRAWINGS SHOWING PROPOSED FABRICATION AND INSTALLATION COORDINATED WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.

ROUND LOW PRESSURE DUCTS SHALL BE SPIRAL WOUND AS MANUFACTURED BY UNITED SHEET METAL COMPANY OR SHOP FABRICATED ROUND DUCTS WITH PITTSBURGH LOCK LONGITUDINAL SEAMS. GAUGES FOR SHOP FABRICATED DUCTS SHALL BE AS FOLLOWS:

UP TO 12" IN DIAMETER	NO. 26 GAUGE
13" TO 30"	NO. 24 GAUGE
31" TO 42"	NO. 22 GAUGE
43" TO 60"	NO. 20 GAUGE

ELBOWS SHALL HAVE A CENTERLINE RADIUS OF 1-1/2 TIMES DUCT DIAMETER AND MAY BE SMOOTH ELBOWS OR 5 PIECE 90 DEGREE ELBOWS AND 3 PIECE 45 DEGREE ELBOWS. JOINTS OF ROUND DUCTS SHALL BE SLIP TYPE WITH A MINIMUM OF 3 SHEET METAL SCREWS.

1. ALL EXPOSED ROUND LOW PRESSURE DUCTWORK SHALL BE INTERNALLY LINED.

2. ALL LOW PRESSURE DUCTWORK SHALL BE EXTERNALLY SEALED USING UNITED SHEET METAL, MMM EC-800, OR HARDCAST DUCT SEALER INSTALLED IN THE JOINTS PRIOR TO CLOSURE. ADDITIONALLY SEAL ALL EXTERNAL TRANSVERSE JOINTS AND FITTING CONNECTIONS EXTERNALLY.

C. ALL SUPPLY AIR DUCTS (HEATING AND COOLING) AND RETURN AIR DUCTS AND OUTSIDE AIR DUCTS SHALL BE GALVANIZED STEEL WITH MIN. 1" (R-5) THICK EXTERNAL THERMAL INSULATION EXCEPT DUCT LINED FOR ACOUSTICAL PURPOSES. ALL EXHAUST AND RELIEF AIR DUCTS SHALL BE GALVANIZED STEEL.

D. CONTRACTOR WILL INSTALL INSECT SCREENS ON ALL DUCT OPENINGS WHICH LEAD TO OR ARE OUTDOORS. INSECT SCREENS SHALL BE 10 GAUGE, ONE-HALF INCH (1/2") MESH IN REMOVABLE GALVANIZED STEEL FRAMES.

E. ALL DUCTWORK SHALL BE DESIGNED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN THE AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS GUIDE (ASHRAE) AND FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST METHODS RECOMMENDED IN THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA) LOW VELOCITY DUCT MANUAL, LATEST EDITION.

HANGERS AND SUPPORTS

A. ALL HORIZONTAL DUCTS HAVING A DIMENSION OF 40 INCHES AND LESS SHALL BE SUPPORTED BY MEANS OF BAND IRON HANGERS OF NO. 18 U.S. GAUGE ATTACHED TO THE DUCT BY MEANS OF RIVETS, SCREWS, OR CLAMPS, AND FASTENED TO STRUCTURE ABOVE BY TOGGLE BOLTS OR OTHER MEANS. EACH SECTION OF DUCTWORK SHALL HAVE AT LEAST ONE PAIR OF SUPPORTS. VERTICAL DUCTS SHALL BE SUPPORTED WITH 1-1/4" x 1-1/4" x 1-1/4" ANGLES WHERE THEY PASS THROUGH THE FLOOR LINES.

B. ALL HORIZONTAL DUCTS HAVING A DIMENSION OF 40 INCHES AND MORE SHALL BE SUPPORTED BY MEANS OF ANGLE IRON TRAPEZE HANGERS. EACH SECTION OF DUCTWORK SHALL HAVE AT LEAST ONE PAIR OF SUPPORTS.

FLASHING

A. CONTRACTOR WILL PROVIDE WATER TIGHT 24 GA. SHEET METAL FLASHINGS AT ALL EXTERIOR WALLS AND ROOF PENETRATIONS.

B. ALL CUTTING OF ROOF OPENINGS, SUPPORTS FOR ROOF OPENINGS, PITCH PANS, ROOF CURBS, FLASHINGS, COUNTER FLASHINGS, REPAIR TO ROOF, ETC. ASSOCIATED WITH HVAC SUBCONTRACTOR SHALL BE THE RESPONSIBILITY AND PART OF THE CONTRACT HVAC SUBCONTRACTOR. HE SHALL EMPLOY THE LANDLORD'S ROOFERS FOR THIS WORK SO AS TO MAINTAIN THE ROOF BOND.

DAMPERS

A. SPLITTER DAMPERS SHALL BE FABRICATED OF SHEET STEEL NOT LESS THAN NO. 16 U.S. GAUGE WITH THE LEADING EDGE HEMMED. EACH DAMPER SHALL BE LARGE ENOUGH TO COVER THE SMALLER OF THE TWO OPENINGS IT CONTROLS. DAMPERS SHALL BE CONTROLLED AS FOLLOWS:

EXPOSED OR ACCESSIBLE DUCTWORK - LOCKING QUADRANTS EQUAL TO YOUNG REGULATOR NO. 1 WITH DAMPER ROD END BEARINGS ON OPPOSITE END.

CONCEALED DUCTWORK - LOCKING QUADRANT EQUAL TO YOUNG REGULATOR NO. 315 (CHROMIUM PLATED WITH DAMPER ROD END BEARINGS ON BOTH ENDS).

B. VOLUME DAMPERS SHALL BE OF THE OPPOSED INTERLOCKING TYPE AS MANUFACTURED BY AMERICAN FOUNDRY AND FURNACES CO. (AFFCO) OR EQUAL. BLADES SHALL BE OF NO. 16 GAUGE SHEET METAL AND SHALL NOT EXCEED 48" IN LENGTH OR 12" IN WIDTH. BLADES SHALL BE ON ONE-HALF INCH (1/2") DIAMETER RUSTPROOF AXLE. BEARINGS SHALL BE OF THE SELF-LUBRICATING FERRULE TYPE.

C. FIRE DAMPERS SHALL BE SUPPLIED AND INSTALLED BY HVAC CONTRACTOR AT DUCT PENETRATIONS IN FIRE RATED WALLS, CEILINGS, AND ROOFS AS REQUIRED. COORDINATE WITH LANDLORD, LOCAL FIRE MARSHALL AND ALL CODES AND GOVERNING AUTHORITIES HAVING JURISDICTION.

D. JOB FABRICATED TURNING VANES SHALL BE ACCEPTABLE IN SQUARE ELBOWS. PROVIDE AND INSTALL BARBER-COLEMAN AIR TURNS OR EQUAL. TURNING VANES SHALL BE OF THE SAME GAUGE METAL AS THE DUCT IN WHICH THEY ARE INSTALLED. RADIUS ELBOWS SHALL HAVE A CENTER-LINE RADIUS OF ONE AND ONE-HALF (1-1/2) TIMES THE DUCT WIDTH.

DUCTWORK - EXCEPTIONS

DUCTWORK FOR EXHAUSTING AIR OR OUTSIDE SUPPLY AIR SHALL BE ALL METAL AND CONSTRUCTED ACCORDING TO RECOMMENDED PRACTICES AS FOUND IN THE LATEST ISSUE OF ASHRAE.

SUPPORT OF DUCT SYSTEM

HANGER DESIGN SHALL BE AS DESCRIBED IN THE LATEST EDITION OF THE "SMACNA" MANUAL. REINFORCEMENT MEMBERS MAY BE USED TO SUPPORT DUCT SYSTEM PROVIDED DETAILS OUTLINED IN THE FOREMENTIONED MANUAL ARE ADHERED TO.

DUCTS SHALL BE SUPPORTED AT ALL TURNS AND TRANSITIONS AND NOT MORE THAN 8'-0" O.C. STRAIGHT DUCTS UP TO 59" MAX. DIMENSIONS SHALL BE SUPPORTED 6'-0" O.C. DUCTS OVER 60" MAX. DIMENSIONS SHALL BE SUPPORTED AT 4'-0" O.C.

REINFORCEMENT

ALL DUCTS REQUIRING REINFORCEMENT SHALL BE REINFORCED ACCORDING TO THE LATEST EDITION OF "SMACNA" MANUAL.

MATERIALS FOR REINFORCEMENT MEMBERS SHALL BE GALVANIZED STEEL. ALL SCREWS AND WASHERS SHALL BE PLATED OR GALVANIZED.

ACCESSORY ITEMS

ALL MANUAL DAMPERS, FIRE DAMPERS, TURNING VANES, REGISTER CONNECTIONS, ACCESS DOORS OR OTHER ASSOCIATED ACCESSORIES SHALL BE INSTALLED ACCORDING TO THE LATEST PUBLICATION OF "SMACNA" MANUAL.

TESTING AND ADJUSTING

CONTRACTOR WILL DEMONSTRATE OPERATION OF SYSTEM TO FULL SATISFACTION OF TENANT, WILL BALANCE AIR FLOW IN ACCORDANCE WITH AIR QUANTITIES ON DRAWINGS AND WILL RECORD VOLUME READINGS IN ACCORDANCE WITH ASHRAE AND PROVIDE SAME TO TENANT. ALL PIPING SHALL WITHSTAND AIR PRESSURE TESTING PER GOVERNING PLUMBING CODE.

A. AIR DISTRIBUTION SYSTEMS:

1. INSPECT INSTALLATION AND VERIFY CONFORMITY TO DESIGN. VERIFY THAT SUPPLY, RETURN, AND EXHAUST DUCTS HAVE BEEN PRESSURE-TESTED FOR LEAKAGE AS RECOMMENDED IN THE APPROPRIATE SMACNA STANDARDS.

2. VERIFY THAT VOLUME AND FIRE DAMPERS ARE PROPERLY LOCATED AND FUNCTIONAL.

3. VERIFY THAT SUPPLY, RETURN, EXHAUST AND TRANSFER GRILLES, REGISTERS AND DIFFUSERS ARE INSTALLED AND OPERATING PROPERLY.

B. VERIFY THAT CONTROL COMPONENTS ARE INSTALLED IN ACCORDANCE WITH PROJECT REQUIREMENTS AND ARE FUNCTIONING AS INTENDED, INCLUDING ELECTRICAL POWER, CONTROL AND INTERLOCK WIRING, DAMPER SEQUENCES, SMOKE DETECTORS, ETC.

C. UPON COMPLETION OF THE INSTALLATION AND START-UP OF THE MECHANICAL EQUIPMENT, TEST, ADJUST AND BALANCE SYSTEM COMPONENTS TO OBTAIN OPTIMUM CONDITIONS IN EACH CONDITIONED SPACE IN THE BUILDING.

D. BEFORE FINAL ACCEPTANCE IS MADE, FURNISH TO THE ARCHITECT THE FOLLOWING DATA:

1. SUMMARY OF MAIN SUPPLY, RETURN AND EXHAUST DUCT PILOT TUBE TRANSVERSES AND FAN SETTINGS.

2. AIR QUANTITIES AT EACH SUPPLY, RETURN, RELIEF AND EXHAUST AIR HANDLING DEVICE.

3. AIR PRESSURE READINGS ENTERING AND LEAVING EACH SUPPLY FAN AND EXHAUST FAN.

4. MOTOR CURRENT AND VOLTAGE READINGS AT EACH EQUIPMENT MOTOR.

5. TEST RESULTS SHALL BE RECORDED ON STANDARD FORMS CONFORMING TO AABC AND NEBB REQUIREMENTS. THE REPORT SHALL INCLUDE AIR FLOW SCHEMATIC DIAGRAMS INDICATING AND IDENTIFYING TEST LOCATIONS SUCH AS DUCT TRANSVERSE, OUTLET READINGS, PRESSURE READINGS AND TEMPERATURE READINGS, AND SHALL BE REFERENCED TO THE RECORDED DATA ON THE FORMS.

E. MAKE AN INSPECTION IN THE BUILDING DURING THE OPPOSITE SEASON FROM THAT IN WHICH THE INITIAL ADJUSTMENTS WERE MADE, AND AT THAT TIME MAKE ANY NECESSARY MODIFICATIONS TO THE INITIAL ADJUSTMENTS REQUIRED TO PRODUCE OPTIMUM OPERATION OF THE SYSTEM COMPONENTS, TO PRODUCE THE PROPER CONDITIONS IN EACH SPACE.

F. INSTRUCTION: THE CONTRACTOR SHALL INSTRUCT THE BUILDING OPERATING PERSONNEL IN THE CONSTRUCTION AND OPERATION OF ALL EQUIPMENT.

GUARANTEE

ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF ACCEPTANCE. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTANCE BY TENANT SHALL BE A CONDITION OF THIS CONTRACT. ALL WORK FOUND TO BE DEFECTIVE SHALL BE REPAIRED OR REPLACED BY THIS SUBCONTRACTOR WITHOUT ADDITIONAL CHARGE TO THE TENANT.

MECHANICAL

TEMPORARY SERVICES

THE CONTRACTOR SHALL PROVIDE THE FOLLOWING SPECIFIC ITEMS OF TEMPORARY SERVICES:

A. TELEPHONE - THE TENANT'S GENERAL CONTRACTOR SHALL INSTALL A JOB SITE TELEPHONE AND NOTIFY TENANT AS LISTED ON SHEET A-1 OF THE TELEPHONE NUMBER AND THE NAME OF THE SUPERINTENDENT.

B. TEMPORARY WATER - WATER REQUIRED IN THE PERFORMANCE OF THE CONTRACT SHALL BE PROVIDED AND PAID FOR BY THE CONTRACTOR. WATER USED FOR HUMAN CONSUMPTION SHALL CONFORM TO REQUIREMENTS OF STATE AND LOCAL AUTHORITIES FOR POTABLE WATER.

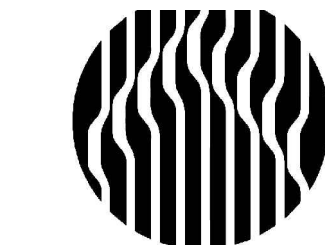
C. TEMPORARY ELECTRICITY - TEMPORARY ELECTRIC SERVICE REQUIRED IN THE PERFORMANCE OF THE CONTRACT SHALL BE FURNISHED AND PAID FOR BY THE CONTRACTOR WHO SHALL FURNISH, INSTALL, AND MAINTAIN ALL TEMPORARY OVERHEAD CONSTRUCTION, METERS, DROPS, AND OTHER WIRING AND FITTINGS FOR BOTH LIGHT AND POWER AT LOCATIONS REQUIRED IN THE WORK AND SHALL BEAR THE COST OF MAKING THE SERVICE CONNECTIONS. BEFORE FINAL ACCEPTANCE, TEMPORARY ELECTRICAL SERVICE FACILITIES INSTALLED BY THE CONTRACTOR SHALL BE REMOVED AND THE SERVICE CONNECTIONS SEVERED IN ACCEPTABLE MANNER.

D. TEMPORARY HEAT - WHEN REQUIRED FOR PROPER INSTALLATION OR PROTECTION OF ANY PORTION OF THE WORK, THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY HEATING UNITS AS APPROVED BY THE LANDLORD OR LOCAL AUTHORITY.

E. COST OF LANDLORD PROVIDED UTILITY SERVICES - IF THE LANDLORD WELLS TO PROVIDE TEMPORARY UTILITY SERVICES, THE CONTRACTOR WILL BE SO INFORMED BY THE TENANT. THE CONTRACTOR SHALL MAKE TO PAY THE COST OF SAID TEMPORARY CONSTRUCTION AND UTILITY SERVICES.

NOTE FOR GENERAL CONTRACTOR:

IT IS THE RESPONSIBILITY OF THE TENANT'S GENERAL CONTRACTOR TO MAKE USE OF APPLICABLE NOTES AND SPECIFICATIONS LISTED ON THIS SHEET AS THEY MAY PERTAIN TO THE SPECIFIC JOB.



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CERTIFICATE OF AUTHORITY NO. 001498



JERSEY MIKES - KANSAS CITY

Description Date

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Mechanical
Specifications

Project # 43426-M001

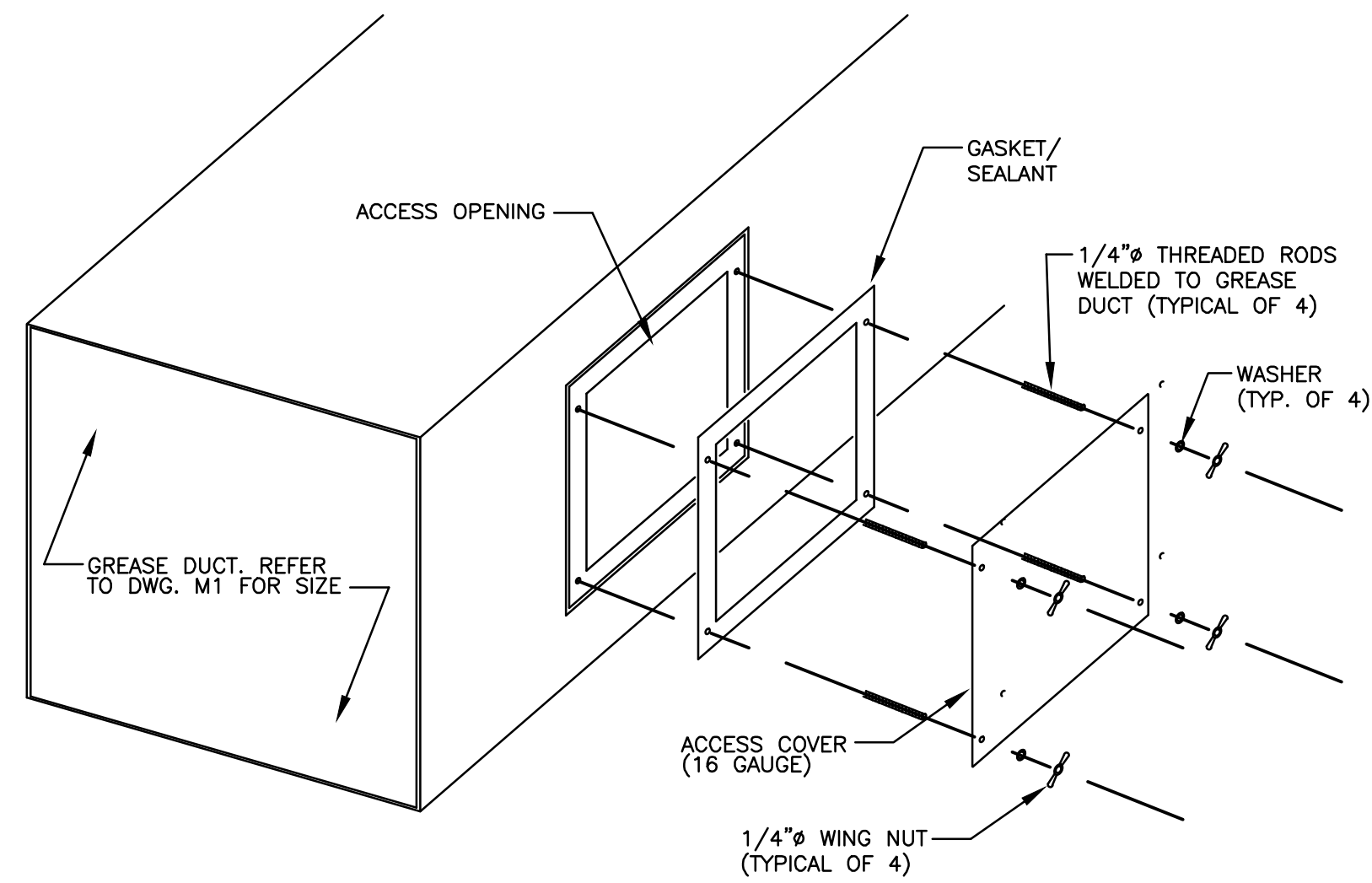
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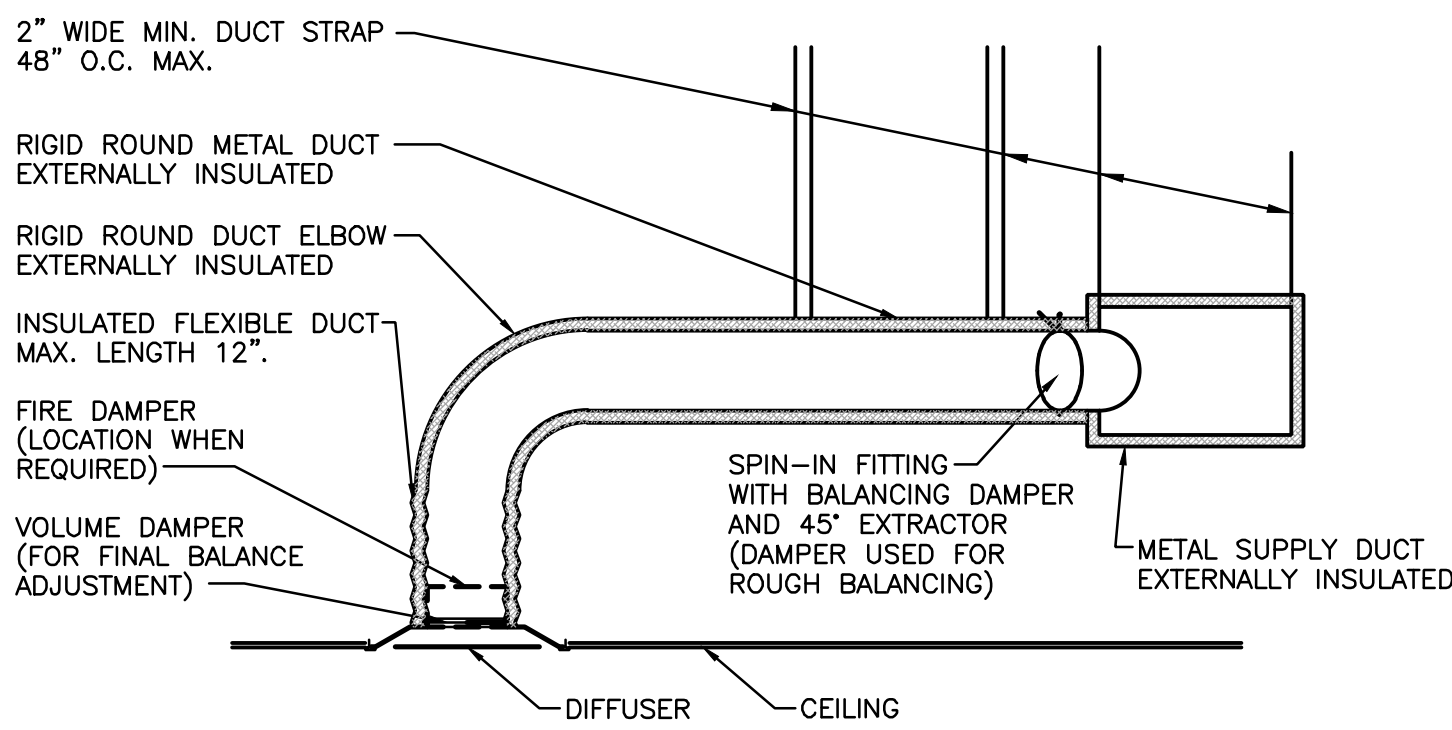
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Checked by JST

M1.2

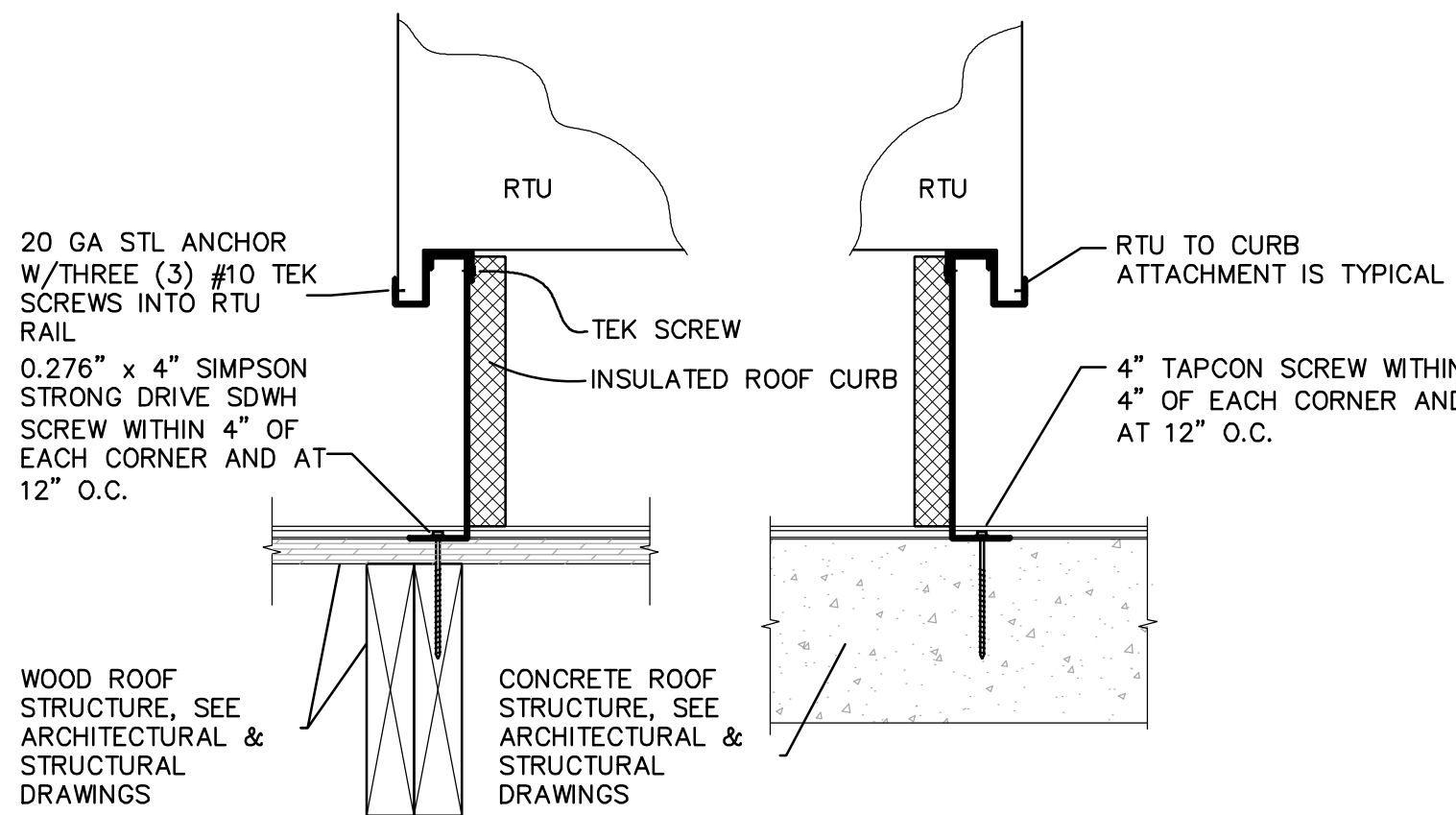


1 GREASE DUCT ACCESS PANEL DETAIL
SCALE: NONE

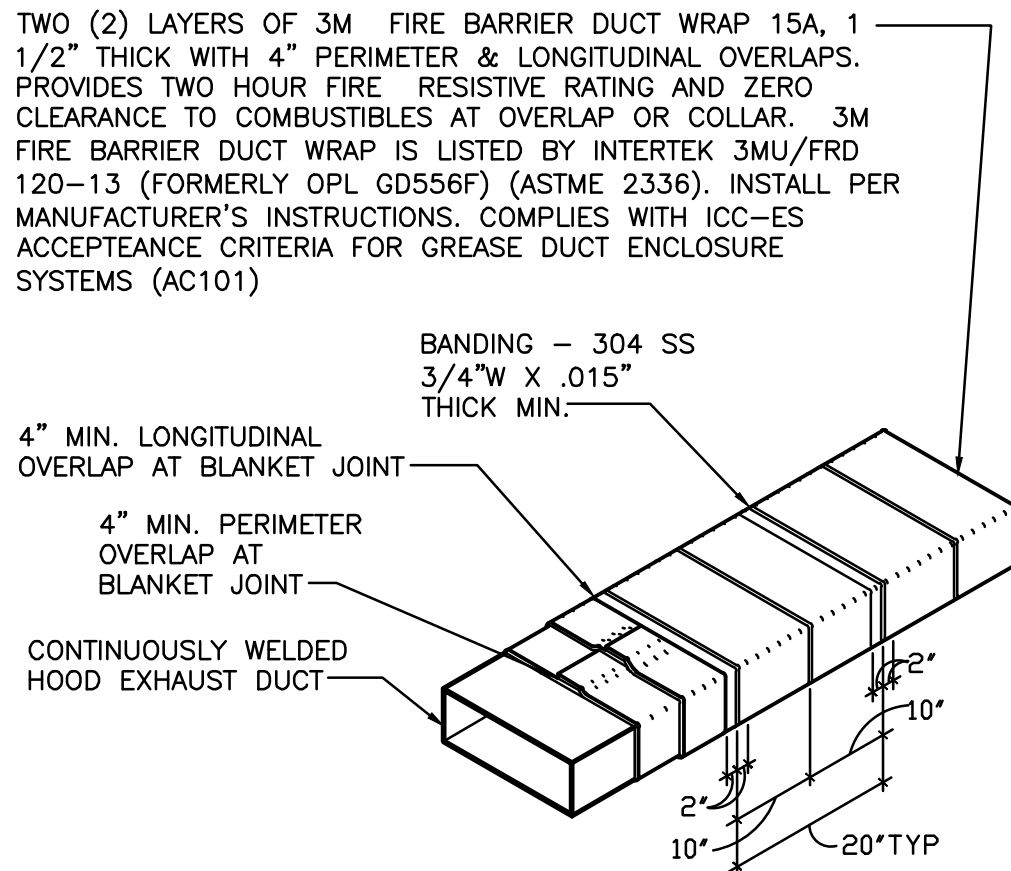


* REFER TO THE MECHANICAL EQUIPMENT SCHEDULE FOR COMPONENT AND DEVICE SPECIFICATIONS.

4 HVAC DUCTWORK DETAIL
SCALE: NONE

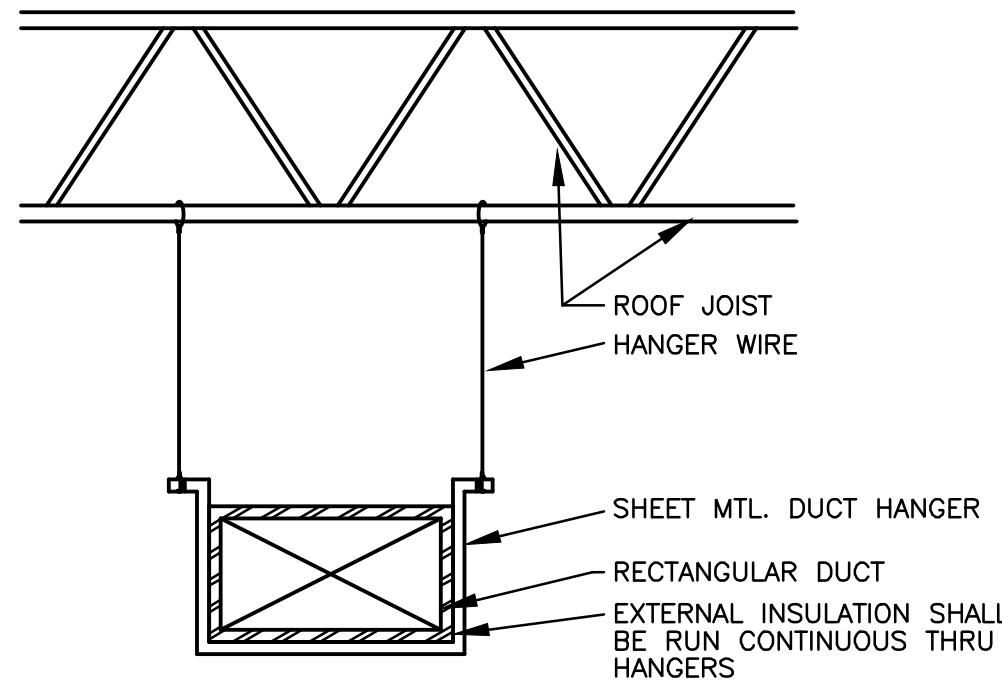


7 RTU CURB DETAIL
SCALE: NONE

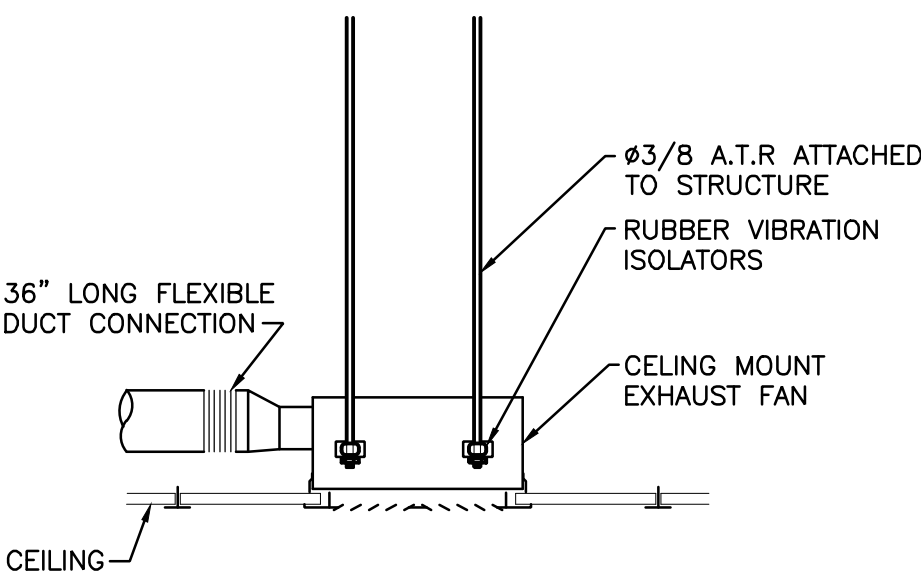


- NOTES:
- BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10" ON CENTER.
 - WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18" MIN. BELOW ROOF DECK.
 - FOR HORIZONTAL RUNS OF EXHAUST DUCTS PROVIDE TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2" HANGER RODS A MAXIMUM OF 6" FROM INSULATION EDGE. TRAPEZE SUPPORTS SHALL BE SPACED A MAXIMUM OF 60" ON CENTER FROM CENTERLINE OF VERTICAL EXHAUST DUCT.
 - SLOPE HORIZONTAL EXHAUST DUCT RUNS A MINIMUM OF 1/4" PER FOOT (2% SLOPE) TOWARDS EXHAUST HOOD.
 - PROVIDE INSULATED ACCESS DOORS OR PANELS FOR CLEANING AND INSPECTION OF DUCT. PROVIDE AN APPROVED SIGN ON EACH ACCESS DOOR OR PANEL WHICH READS "ACCESS PANEL - DO NOT OBSTRUCT".

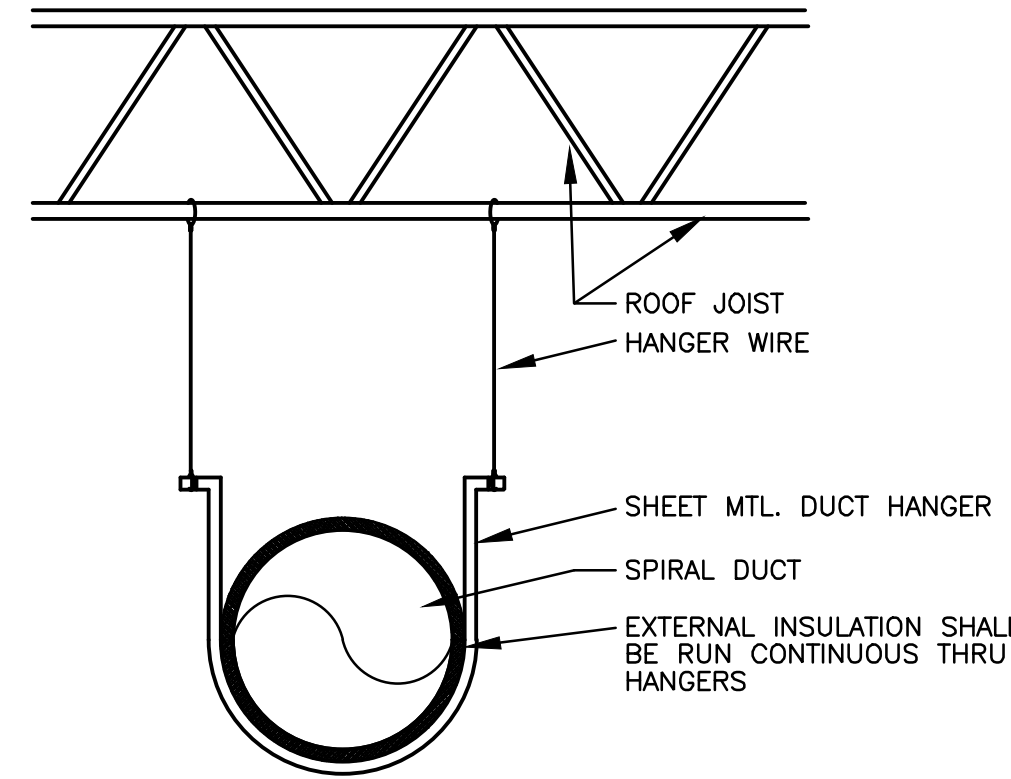
2 GREASE DUCT DETAIL
SCALE: NONE



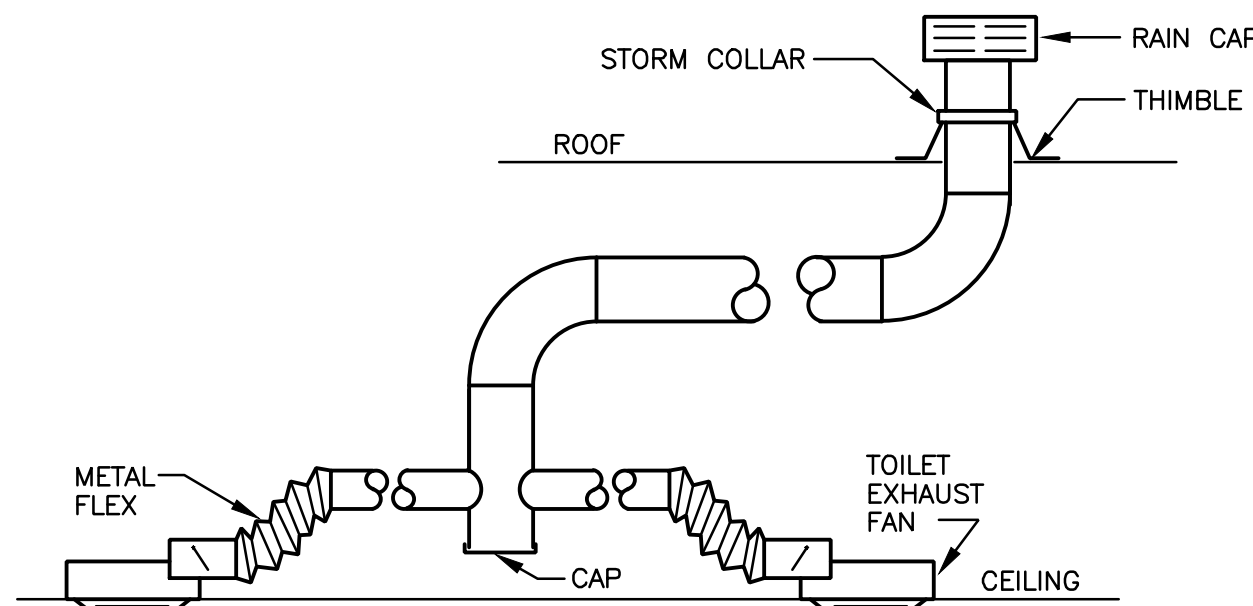
5 DUCT HANGER DETAIL
SCALE: NONE



8 TYPICAL CEILING EXHAUST FAN DETIAL
SCALE: NONE

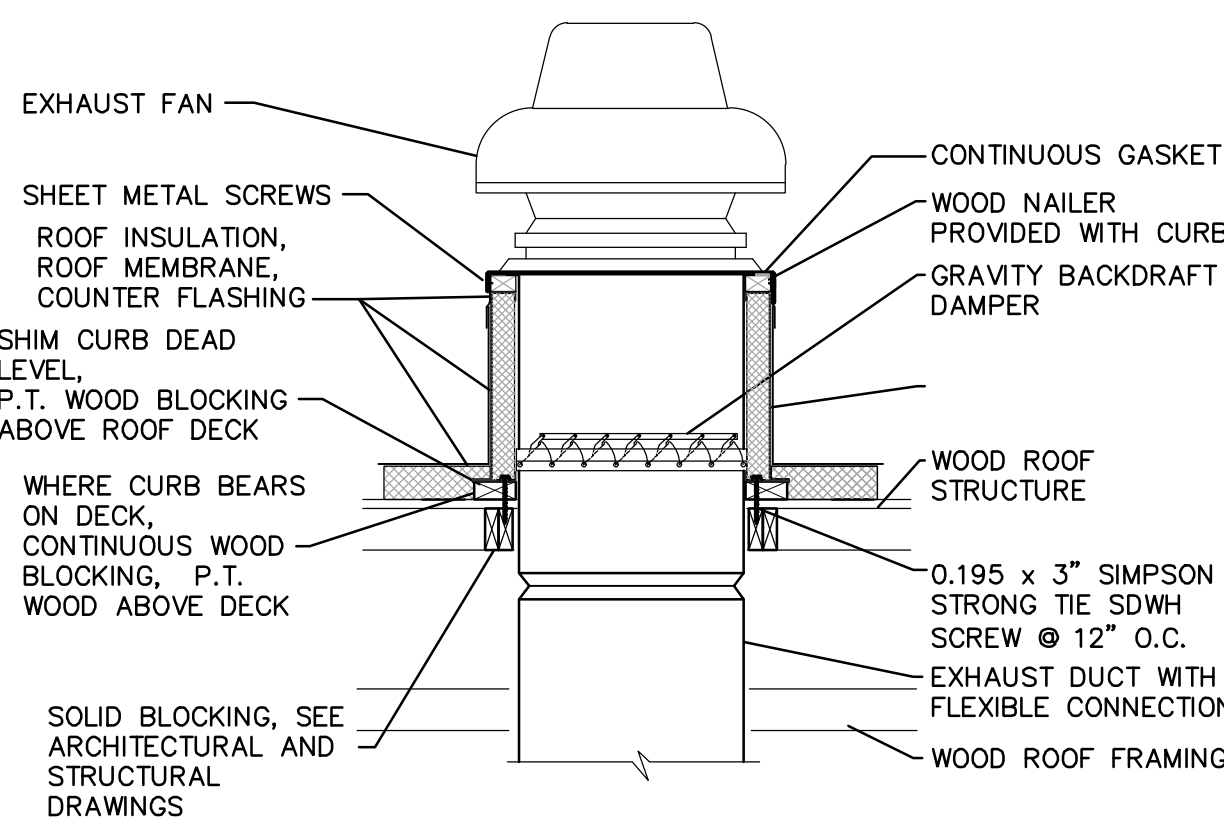


3 ROUND DUCT HANGER DETAIL
SCALE: NONE

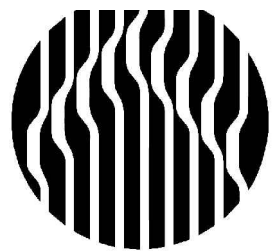


- NOTES:)
- SEE FLOOR PLAN FOR DUCT DIMENSIONS.
 - ELECTRICIAN TO WIRE FANS IN PARALLEL WITH RESTROOM LIGHT FIXTURES.

6 TOILET FAN EXHAUST DETAIL
SCALE: NONE



9 ROOF MOUNTED EXHAUST FAN
SCALE: NONE



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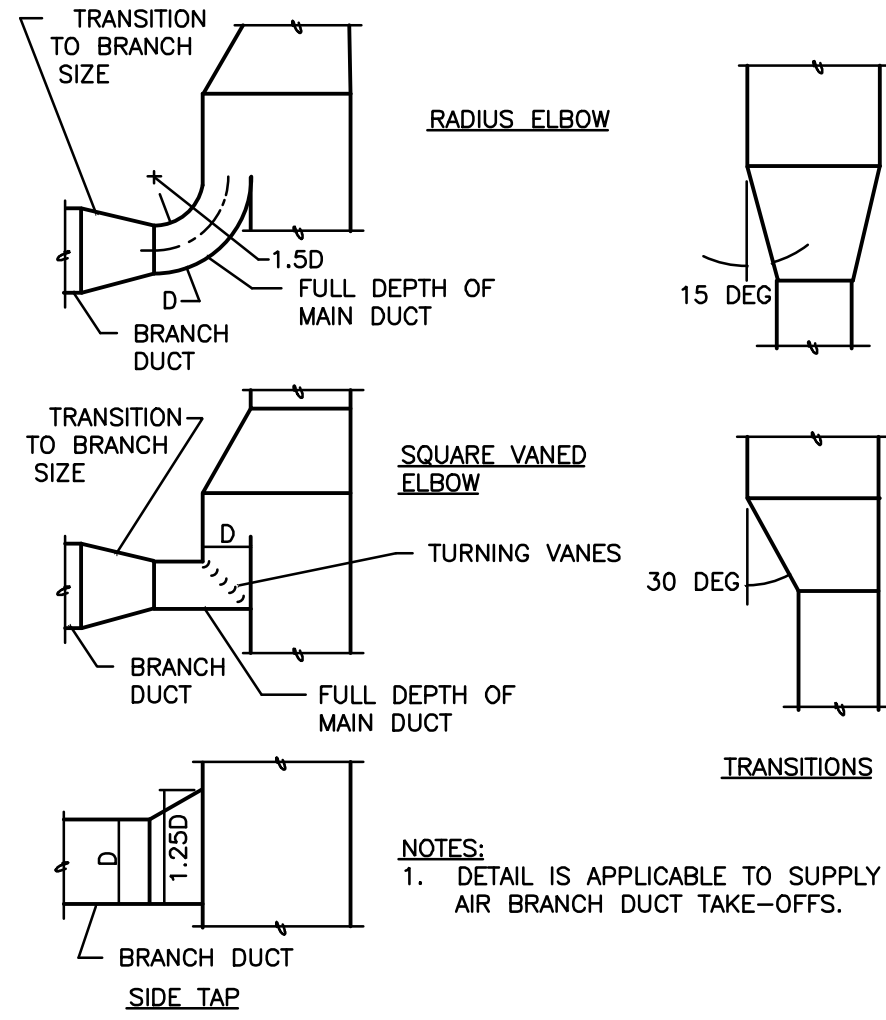
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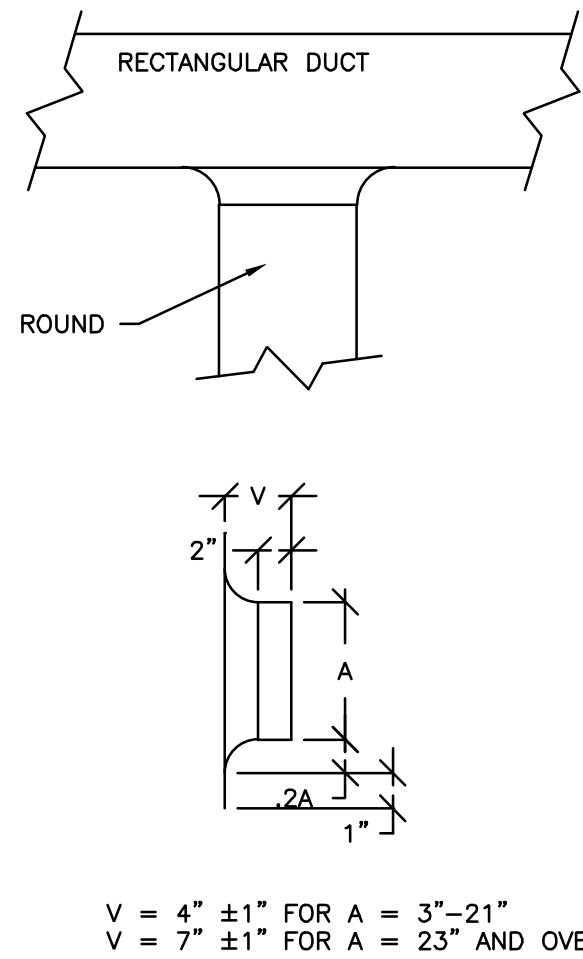
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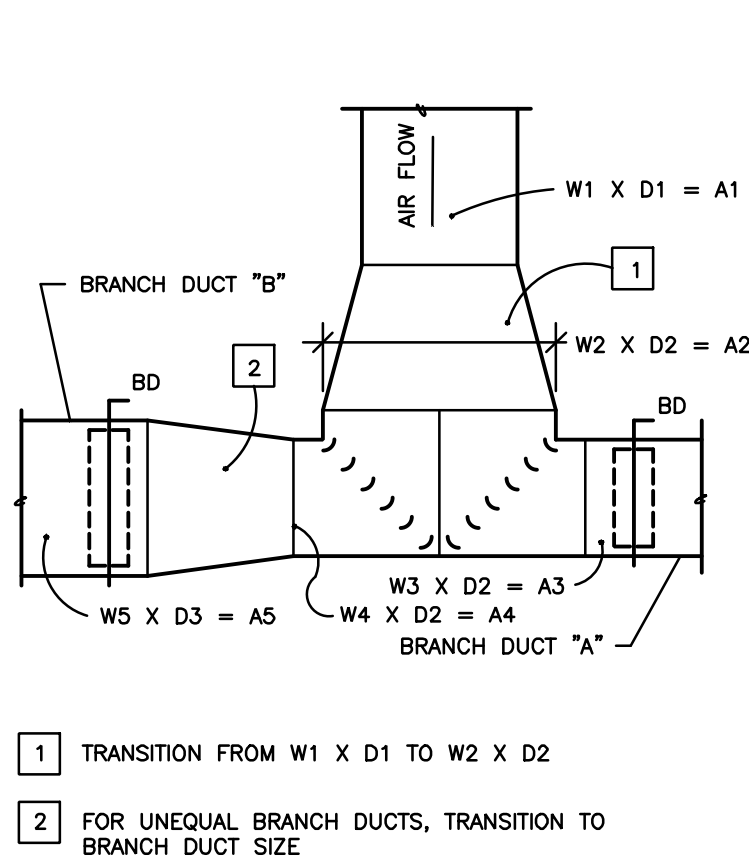
M2.1



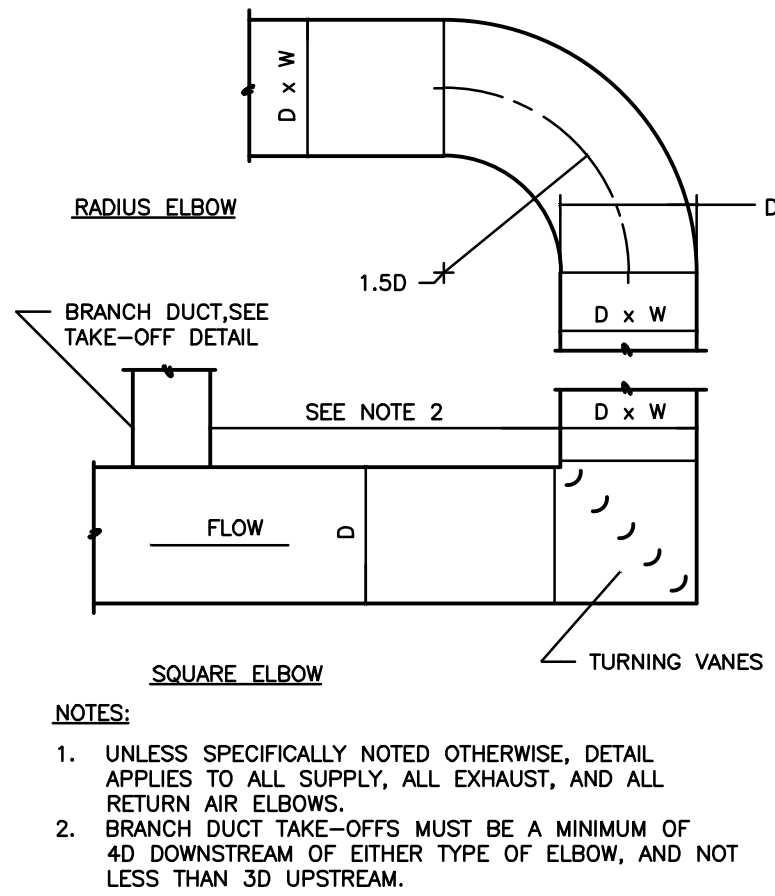
10 BRANCH DUCT DETAILS
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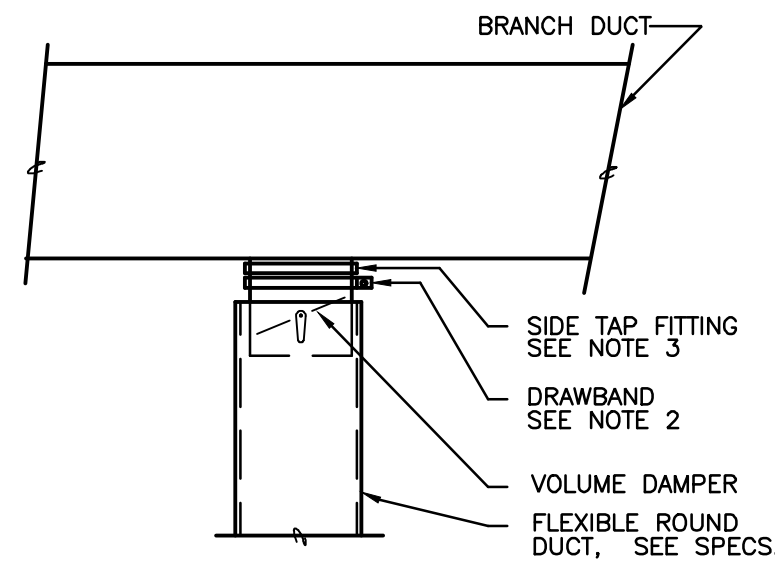
15 BELLMOUTH TAP DETAIL
SCALE: NONE



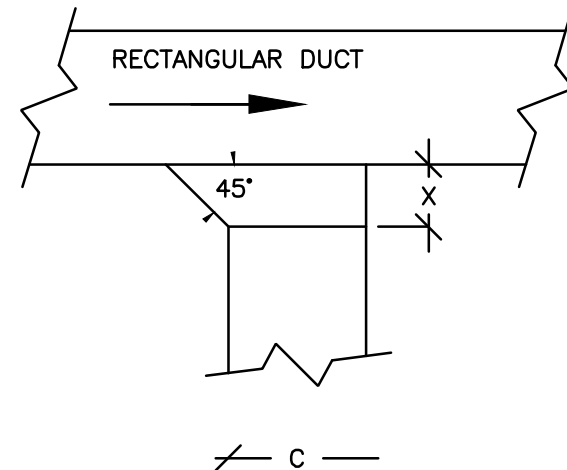
11 DUCT TEE FITTING
SCALE: NONE



12 DUCT ELBOW
SCALE: NONE



13 FLEXIBLE DUCT CONNECTION TO BRANCH
SCALE: NONE



C	X
3 THRU 8	3
9 THRU 16	6
17 THRU 24	9
25 AND UP	12

14 RECTANGULAR TAP DETAIL
SCALE: NONE



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M2.2

FOR QUESTIONS, CALL THE
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PATENT NUMBERS

AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
AC-PSP WALL (CANADA) - CA PATENT 2820509.
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

HOOD INFORMATION - JOB#8807641

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG		SWITCHES	
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP			END TO END	RDW	QUANTITY	LOCATION
1	GRIDDLE HOOD	5424 ND-2-PSP-F	CAPTIVEAIRE	5' 0"	450 DEG	I	MEDIUM	200	1000			4'	10"	1000	1833	-0.363'	750	430 SS WHERE EXPOSED	ALONE	ALONE		
2	BREAD OVEN HOOD	6024 VHB-ND	CAPTIVEAIRE	4' 0"	700 DEG	II	N/A	100	400			4'	10"	400	733	-0.040'	0	430 SS 100%	ALONE	ALONE	1 FAN	FRONT RIGHT FACE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S)					LIGHT(S)			UTILITY CABINET(S)					FIRE SYSTEM PIPING	HOOD HANGING WEIGHT	
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM		ELECTRICAL			SWITCHES
												TYPE	SIZE	MODEL #			QUANTITY
1	GRIDDLE HOOD	SS BAFFLE WITH HANDLES	3	16"	16"	30%	3	L55 SERIES E26	NO	RIGHT	12"x54"x24"	TANK FS	4.0	SC-111110MA	1 LIGHT 1 FAN	YES	567 LBS
2	BREAD OVEN HOOD						0									NO	219 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION										
1	GRIDDLE HOOD	FIELD WRAPPER		16.00"	HIGH	FRONT, LEFT, RIGHT.						
		BACKSPLASH	80.00"	HIGH	X	36.00"	LONG	430 SS	VERTICAL.			
		BACKSPLASH	80.00"	HIGH	X	36.00"	LONG	430 SS	VERTICAL.			
		BACKSPLASH	80.00"	HIGH	X	36.00"	LONG	430 SS	VERTICAL.			
		BACKSPLASH	42.00"	HIGH	X	36.00"	LONG	430 SS	HORIZONTAL.			
		BACKSPLASH	42.00"	HIGH	X	36.00"	LONG	430 SS	HORIZONTAL.			
		BACKSPLASH	42.00"	HIGH	X	36.00"	LONG	430 SS	HORIZONTAL.			
		LEFT END STANDOFF (FINISHED)		1'	WIDE	54"	LONG	INSULATED.				
		RIGHT QUARTER END PANEL		23'	TOP WIDTH,		0"	BOTTOM WIDTH,		23'	HIGH	430 SS.
		LEFT QUARTER END PANEL		23'	TOP WIDTH,		0"	BOTTOM WIDTH,		23'	HIGH	430 SS.
INSULATION FOR BACK OF HOOD.												
RISER SENSOR INSTALL 6IN PLEN.												
2	BREAD OVEN HOOD	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.			

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG	DIA	SP
1	GRIDDLE HOOD	Front	73"	12"	6"	MUA	10"	28"		0.204"

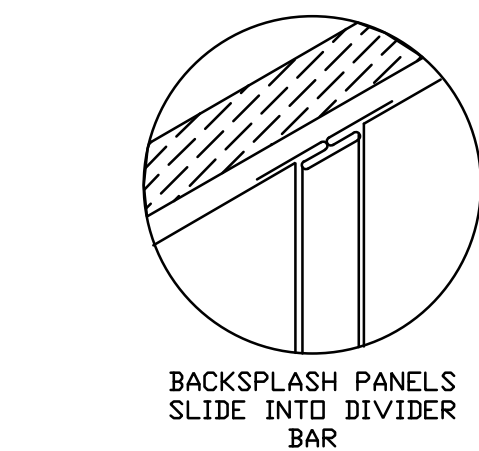
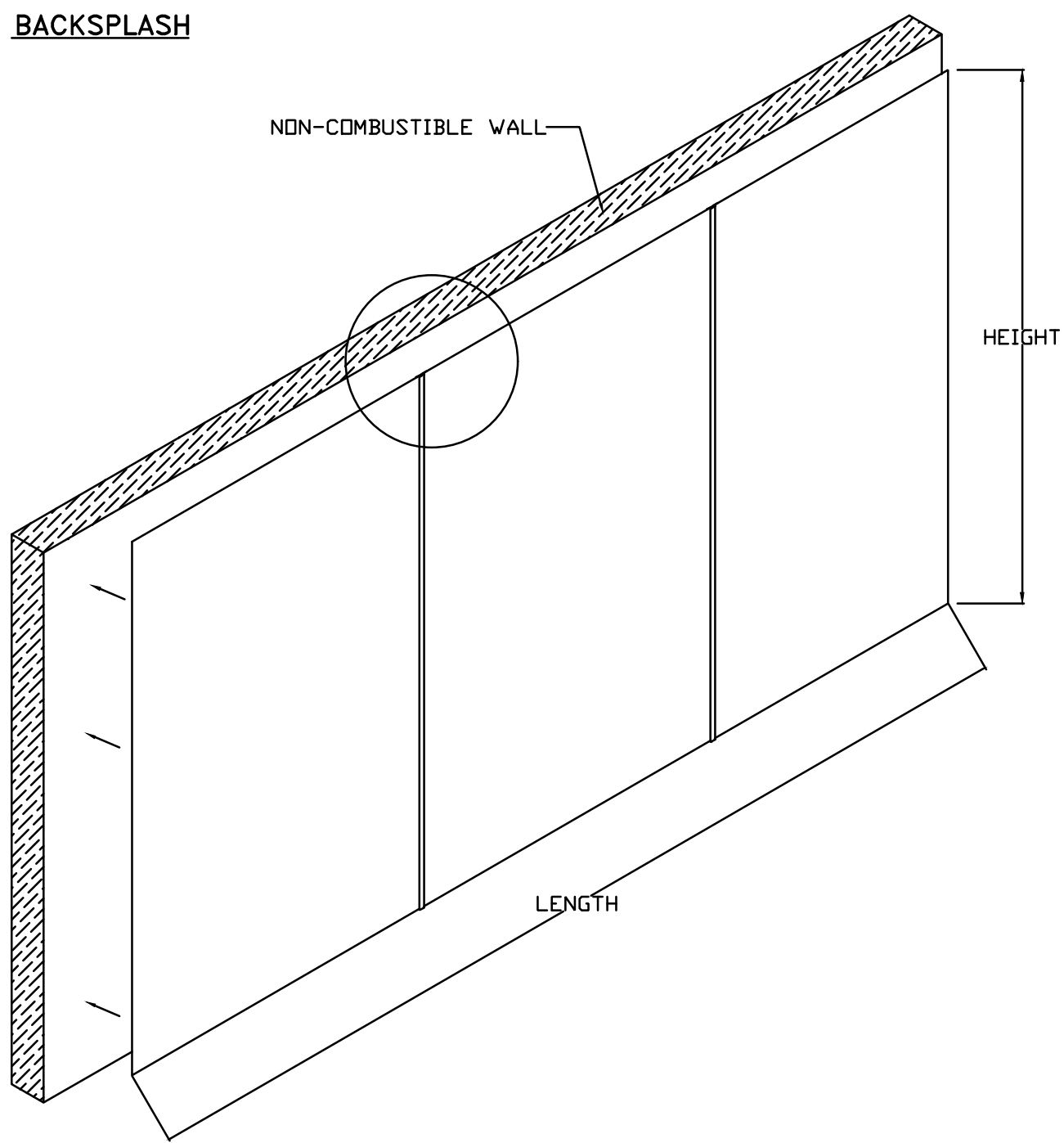
CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	18"
	FRONT	0"
	BACK	0"
	LEFT	0"
	RIGHT	0"

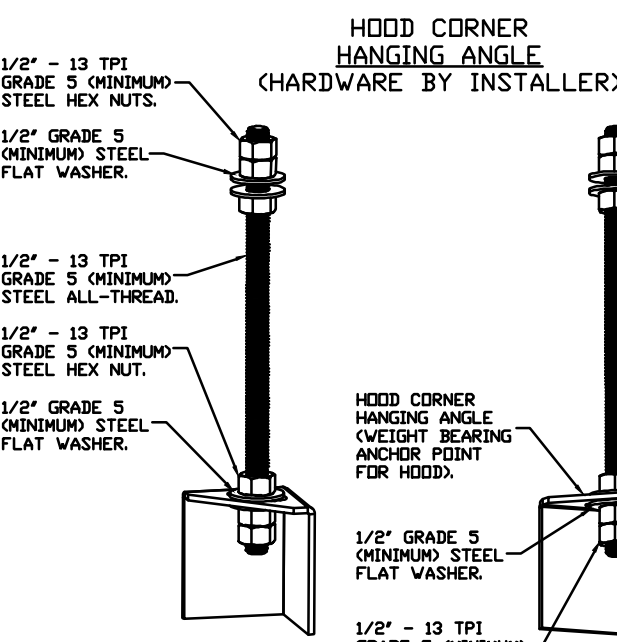
- *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.

- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

BACKSPLASH

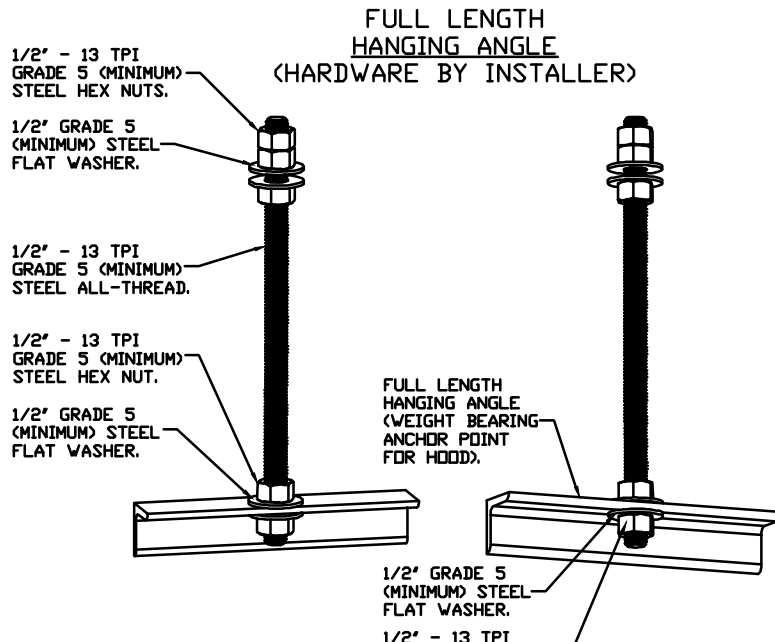


- BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS



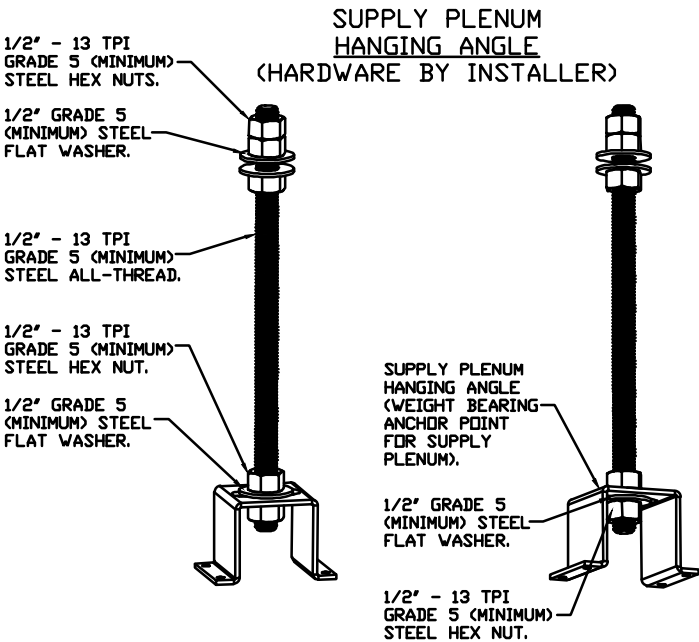
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

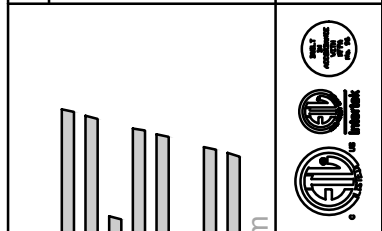


ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

REVISIONS

DESCRIPTION	DATE



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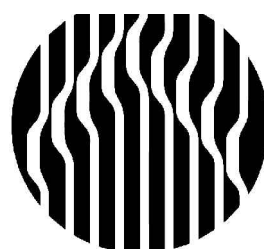
DWG.#:
8807641

DRAWN BY: ME- Reg32

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JERSEY MIKES - KANSAS CITY

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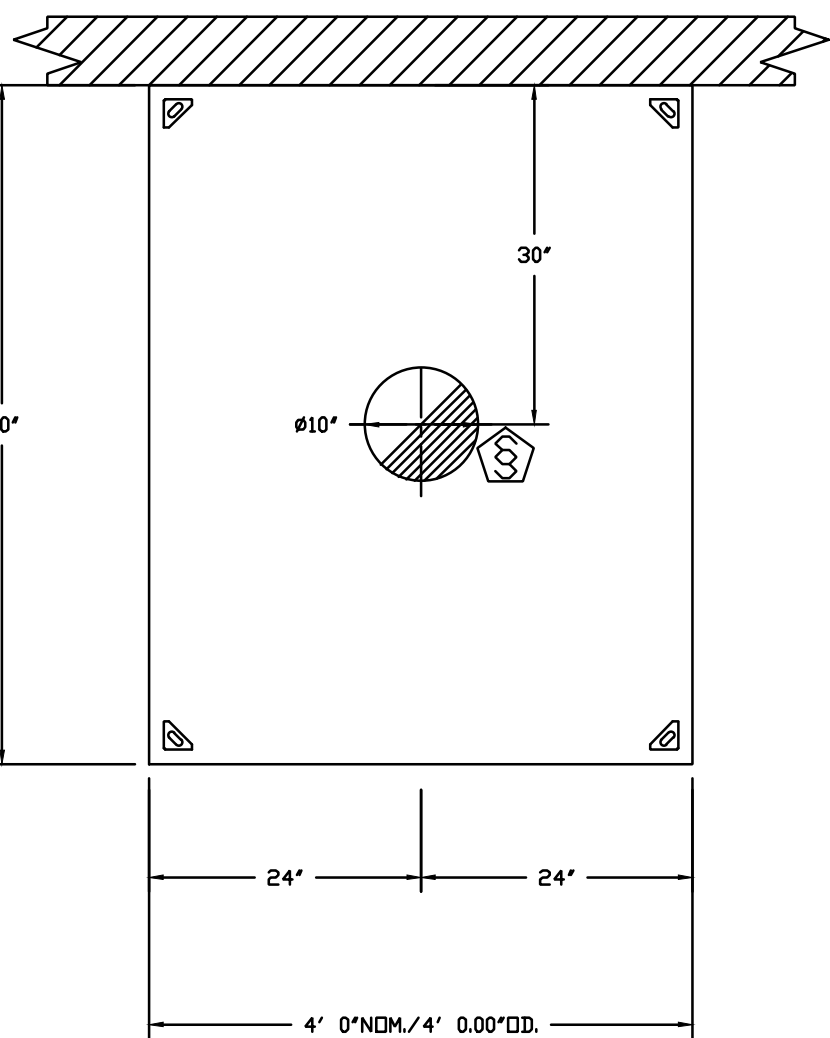
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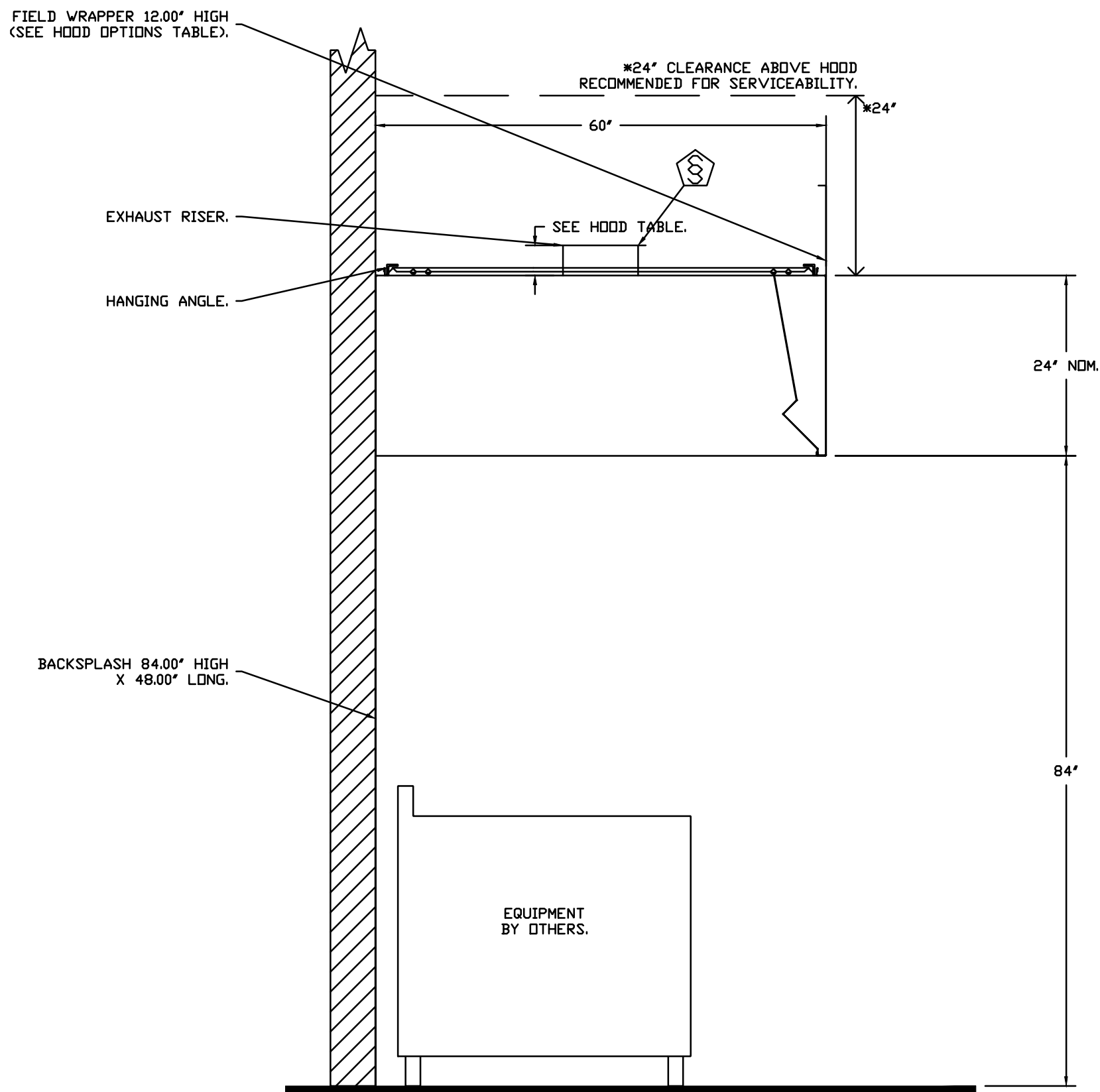
Drawn by ATP

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M3.1

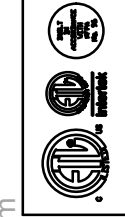
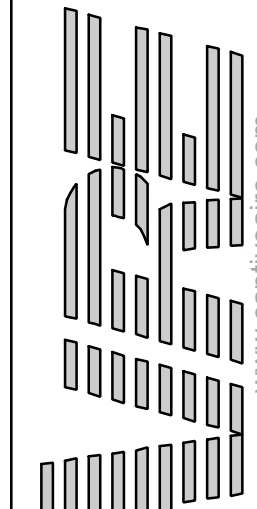


PLAN VIEW - HOOD #2 (BREAD OVEN HOOD)
4' 0.00' LONG 6024VHB-ND



SECTION VIEW - MODEL 6024VHB-ND
HOOD - #2 (BREAD OVEN HOOD)

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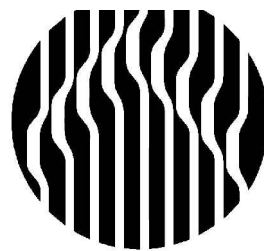
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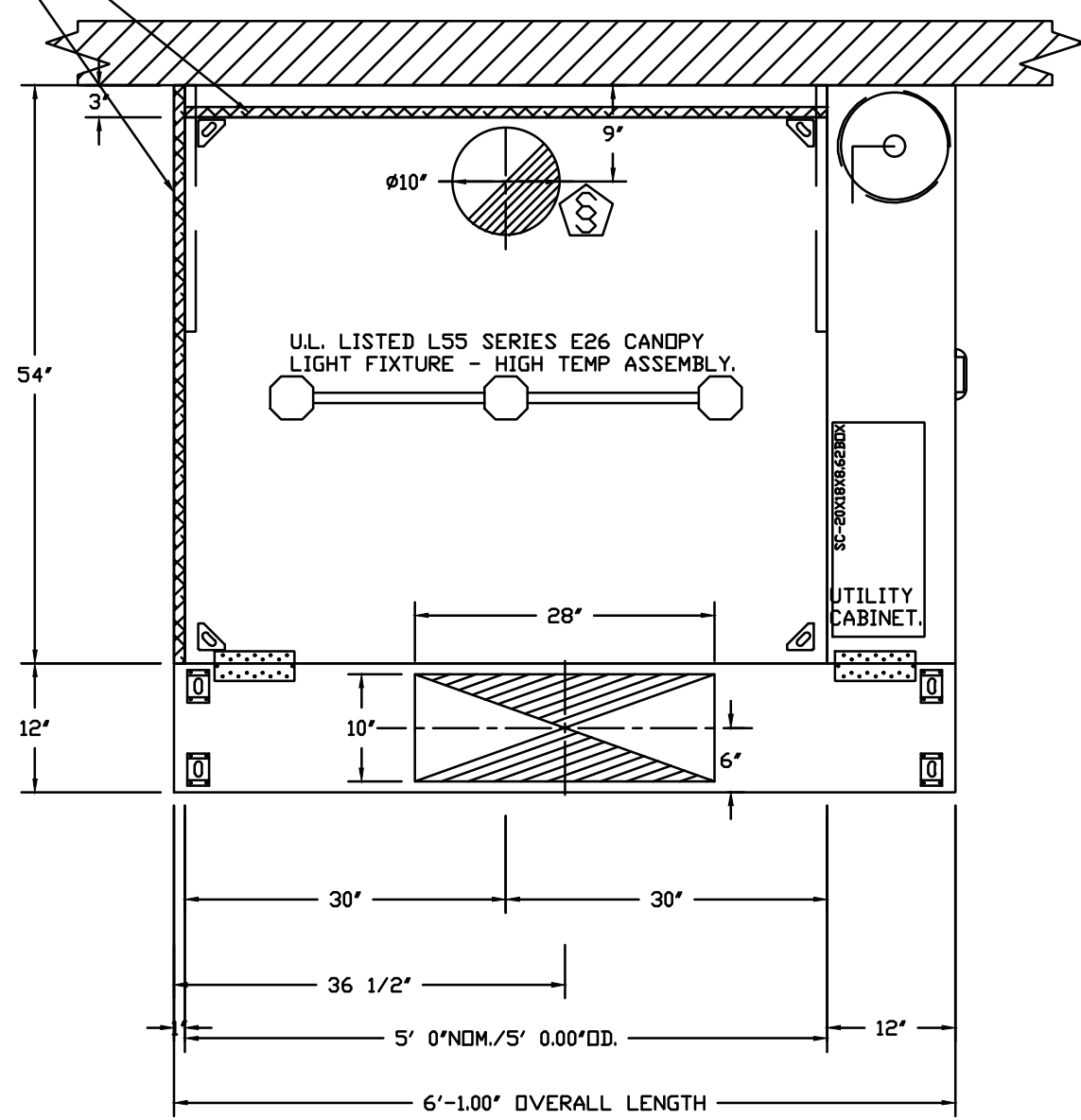
Drawn by ATP

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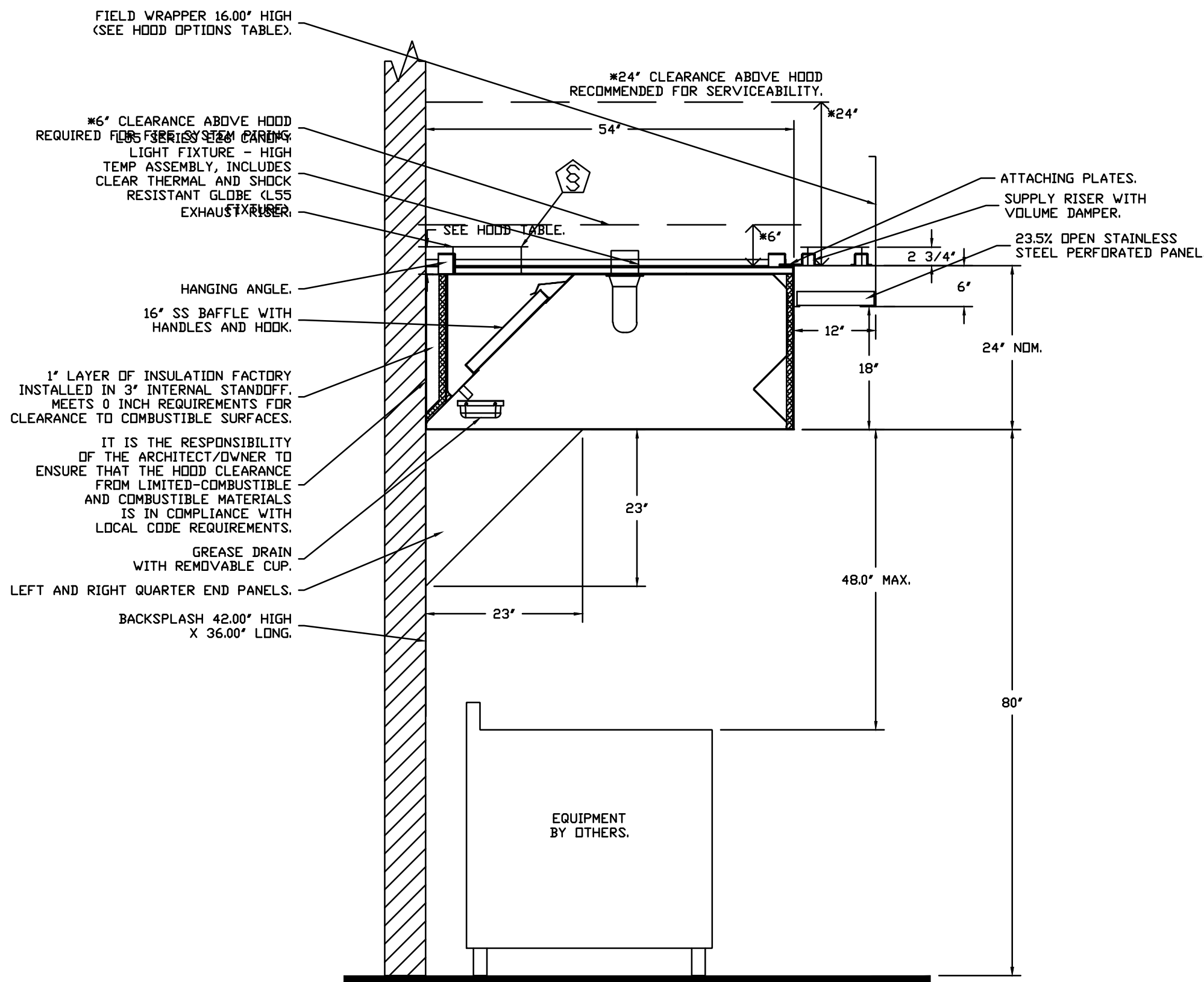
M3.2

1" LAYER OF INSULATION FACTORY
INSTALLED IN INTERNAL BACK STANDOFF.
MEETS 0 INCH REQUIREMENTS FOR
CLEARANCE TO COMBUSTIBLE SURFACES.

1" LAYER OF INSULATION
FACTORY INSTALLED IN
100" END STANDOFF MEETS
0" REQUIREMENTS CLEARANCE
TO COMBUSTIBLE SURFACES.

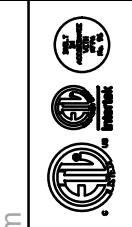
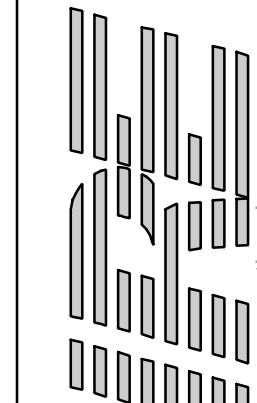


PLAN VIEW - HOOD #1 (GRIDDLE HOOD)
5' 0.00" LONG 5424ND-2-PSP-F



SECTION VIEW - MODEL 5424ND-2-PSP-F
HOOD - #1 (GRIDDLE HOOD)

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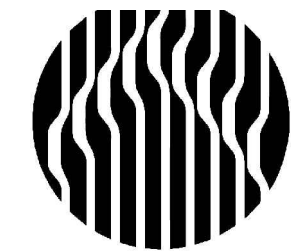
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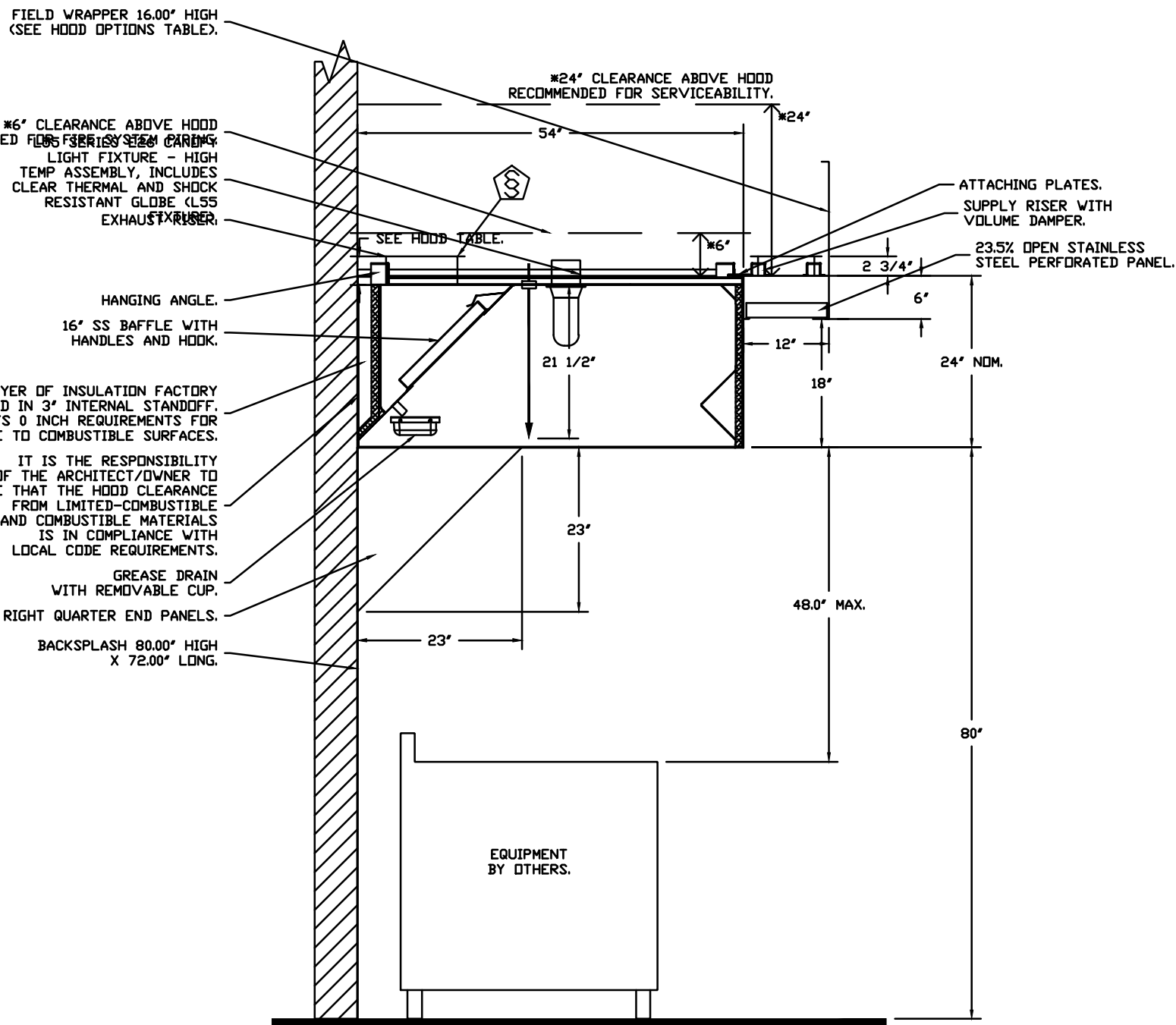
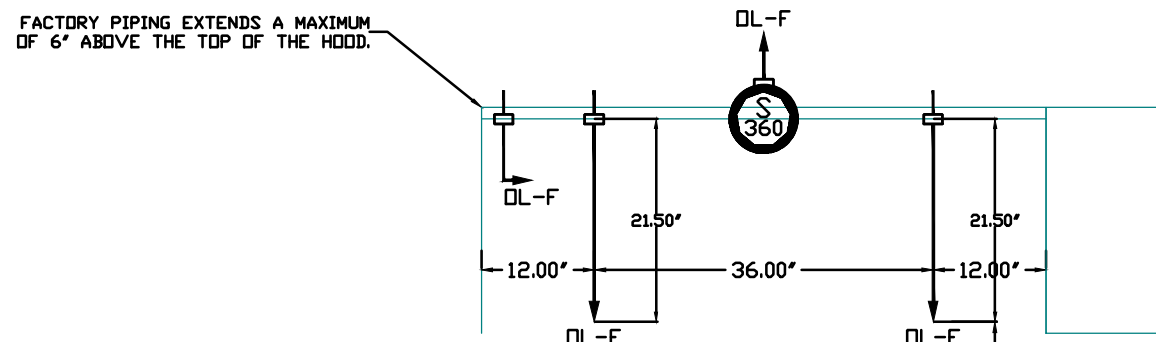
Issue Date 10/07/2026

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M3.3



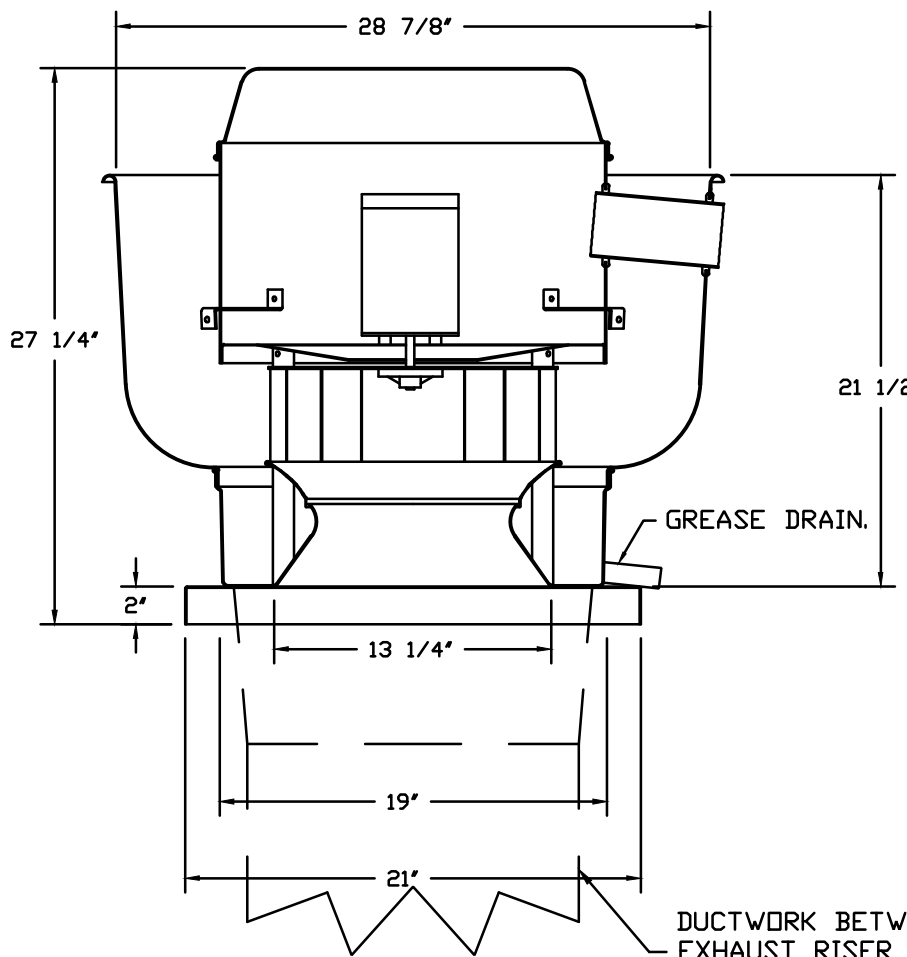
1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

[illegible]

SHEET NO.
4



FAN #1 DUSQHFA - EXHAUST FAN (GRIDDLE EP)



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

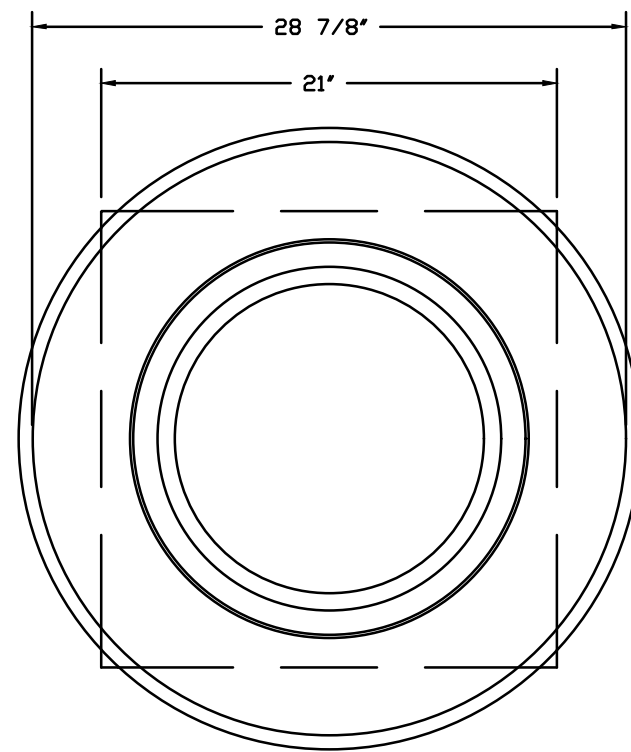
NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

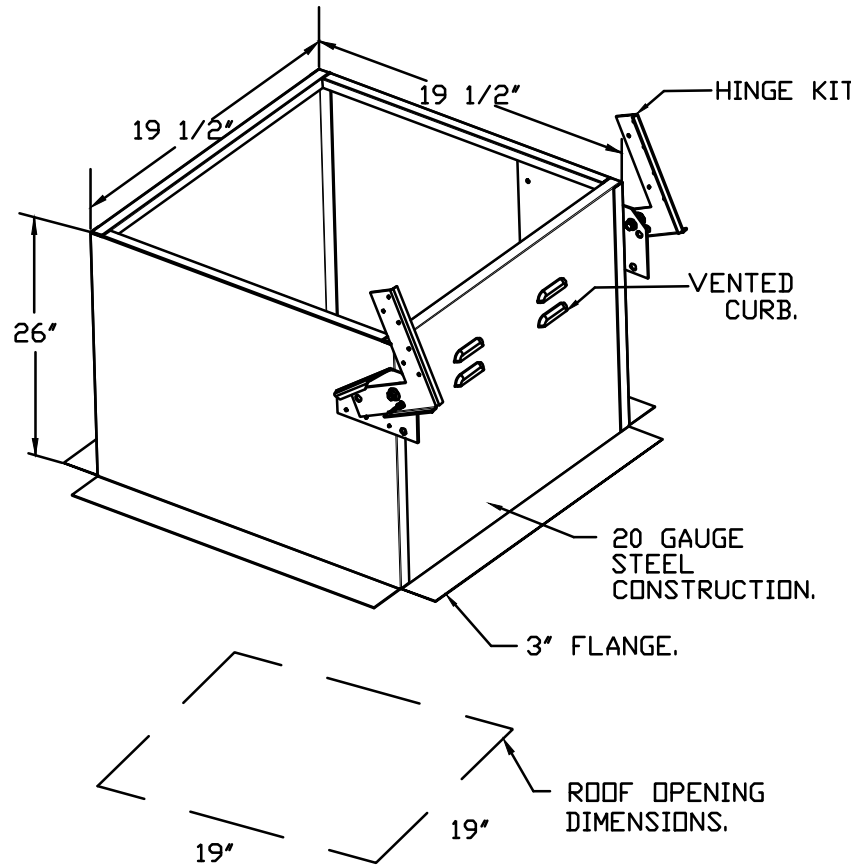
OPTIONS

- GREASE BOX.
- ECM WIRING PACKAGE - PWM SIGNAL FROM ECM/MS PREWIRE (TELCO MOTOR), CCW ROTATION.
- FAN BASE CERAMIC SEAL - DU/DR50HFA - INSTALLED AT PLANT - FOR GREASE DUCTS.
- 2 YEAR PARTS WARRANTY.

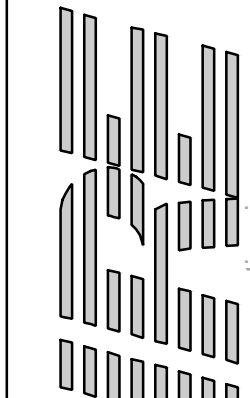
DUCTWORK BETWEEN EXHAUST RISER ON HOOD AND FAN (BY OTHERS).



TOP VIEW



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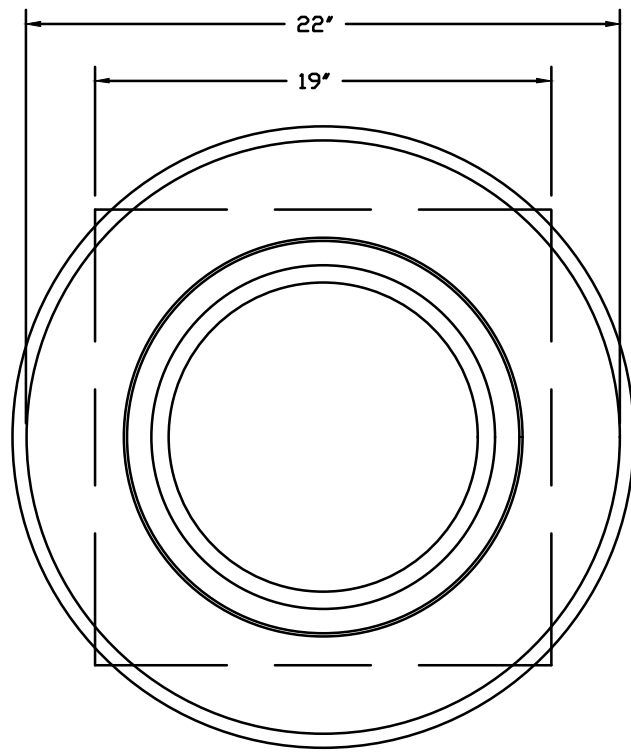
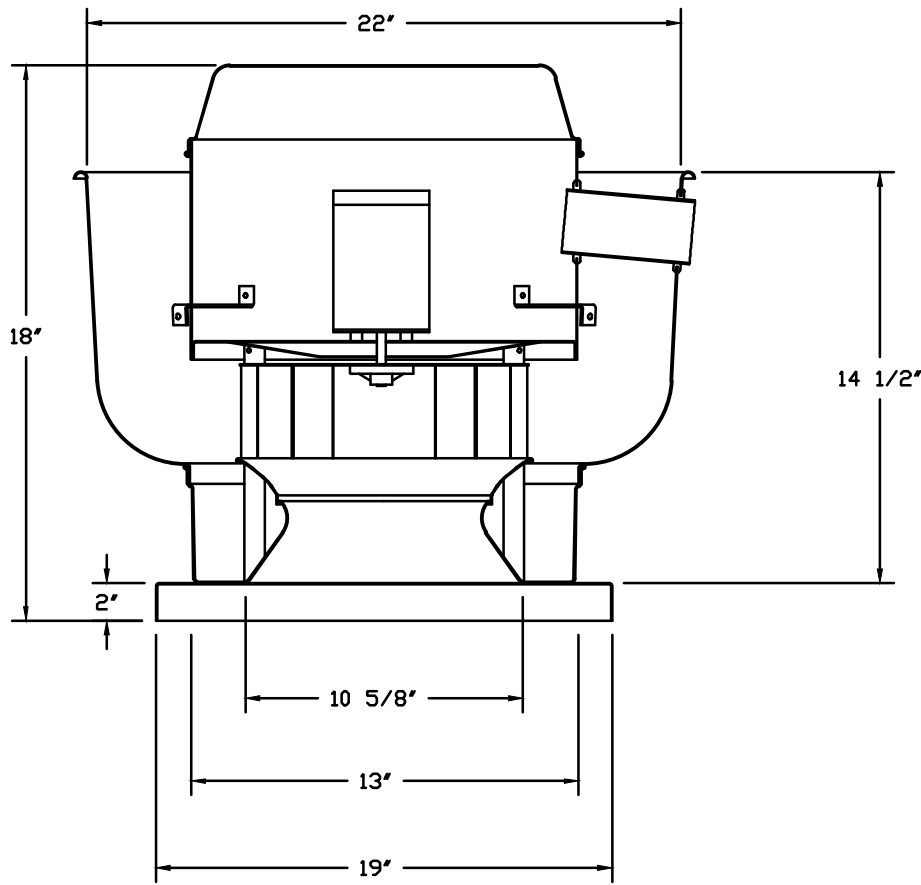
M3.6



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FAN #3 DU12HFA - EXHAUST FAN (60" DEEP BREAD OVEN)



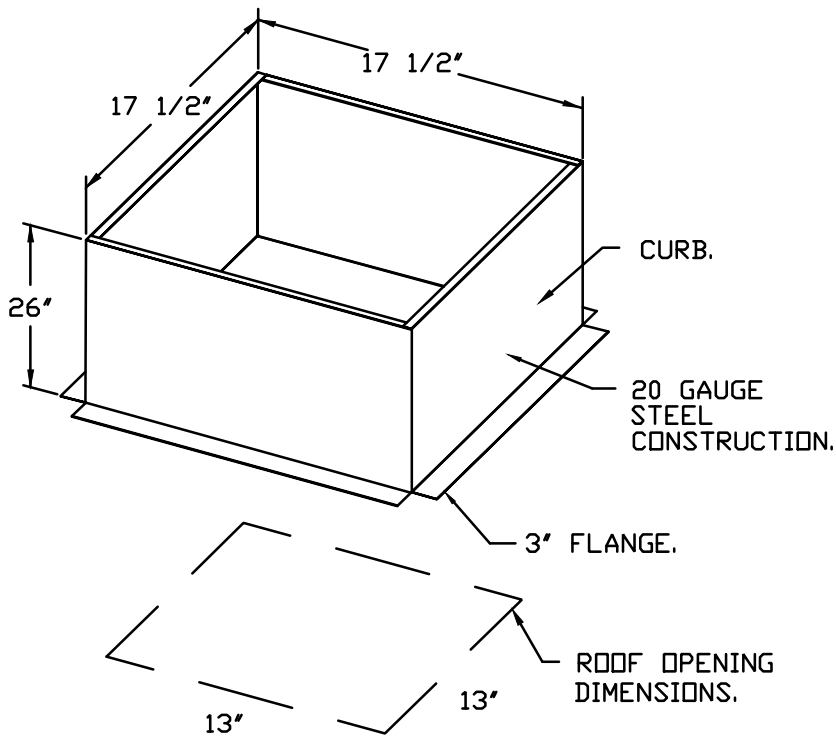
TOP VIEW

FEATURES:

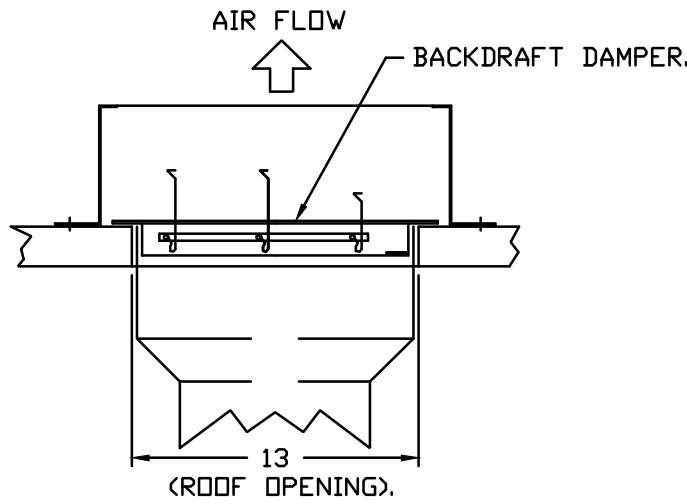
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- UL705.
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- NEMA 3R SAFETY DISCONNECT SWITCH.

OPTIONS

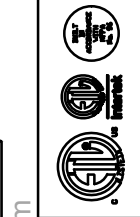
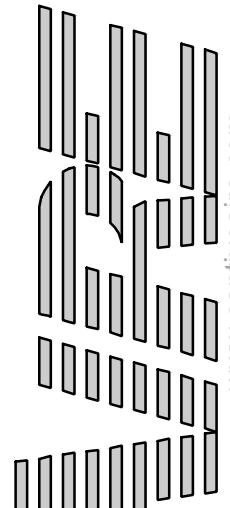
- 1 12-BDD DAMPER.
- ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCD MOTOR), CCW ROTATION.
- 2 YEAR PARTS WARRANTY.



BACKDRAFT DAMPER INSTALLATION



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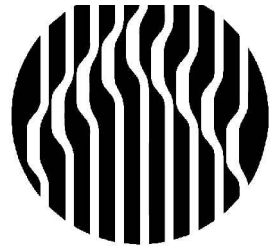
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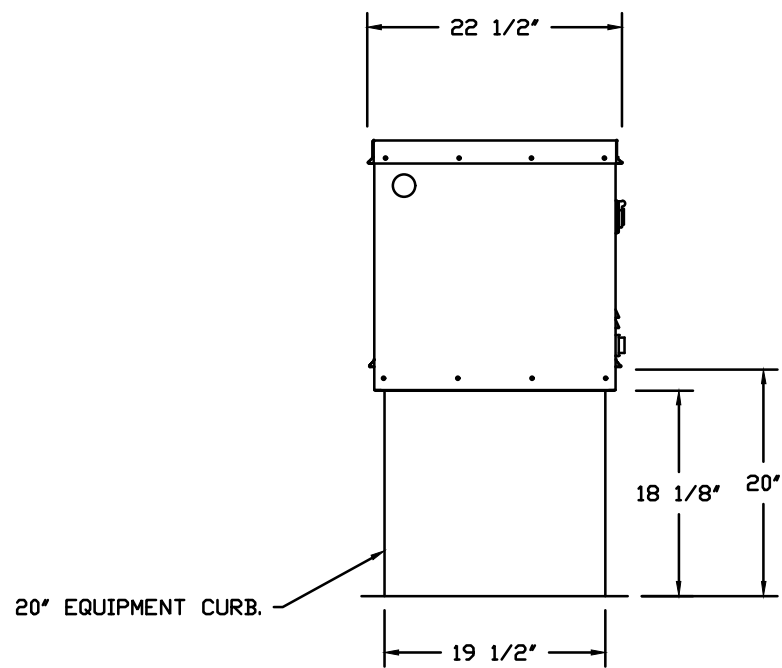
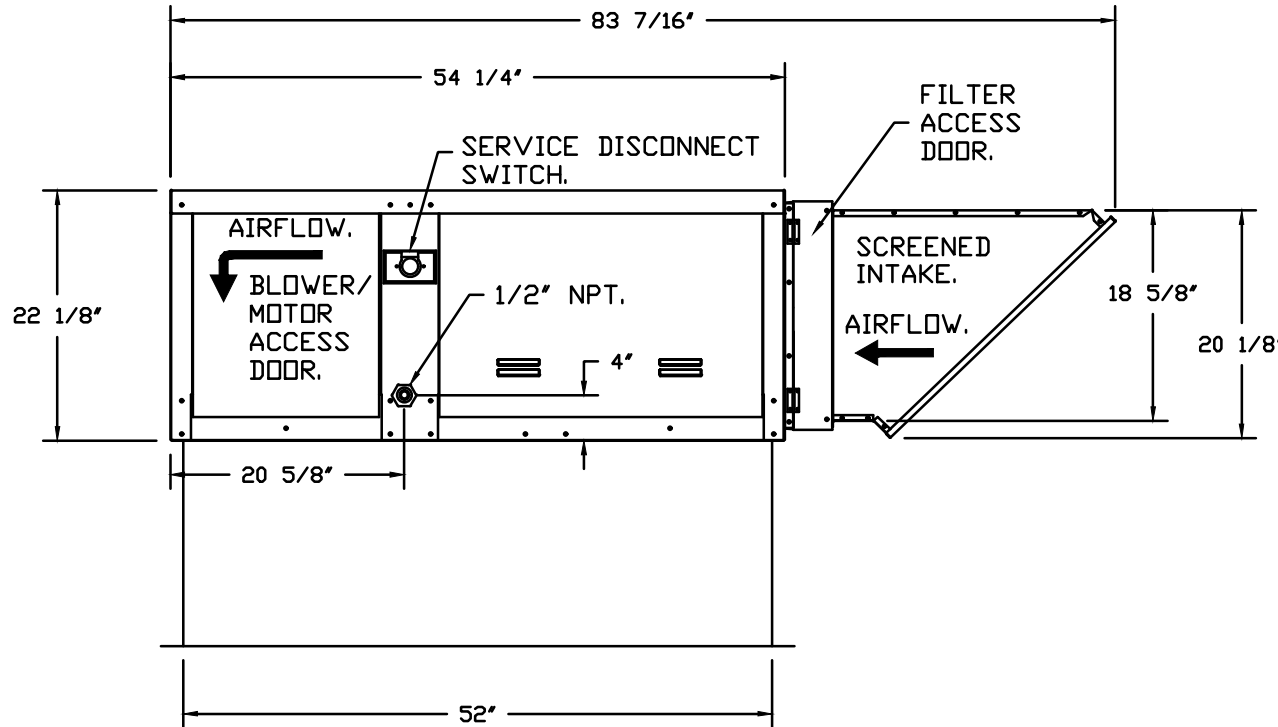
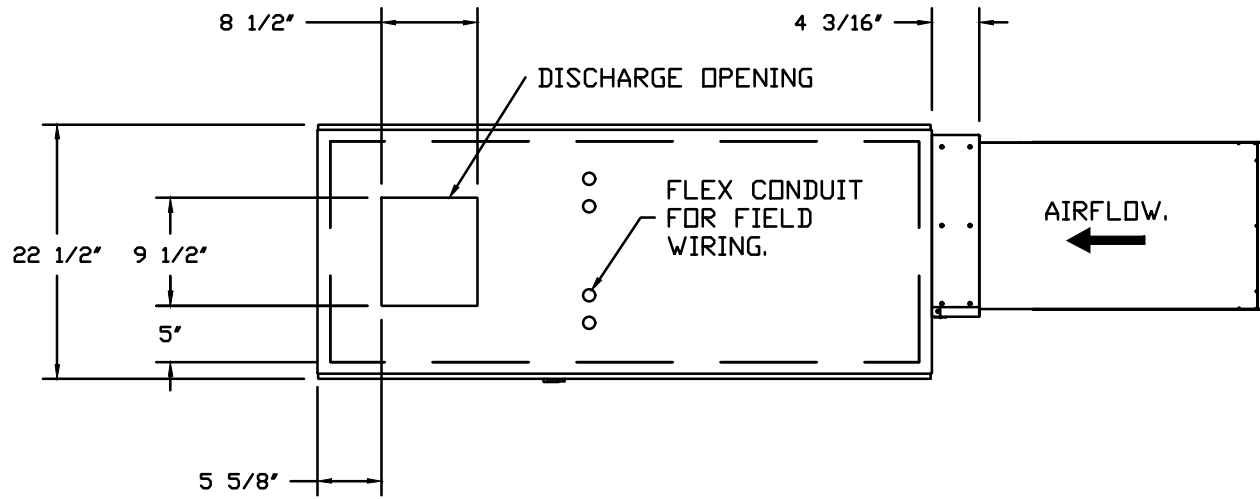
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M3.7

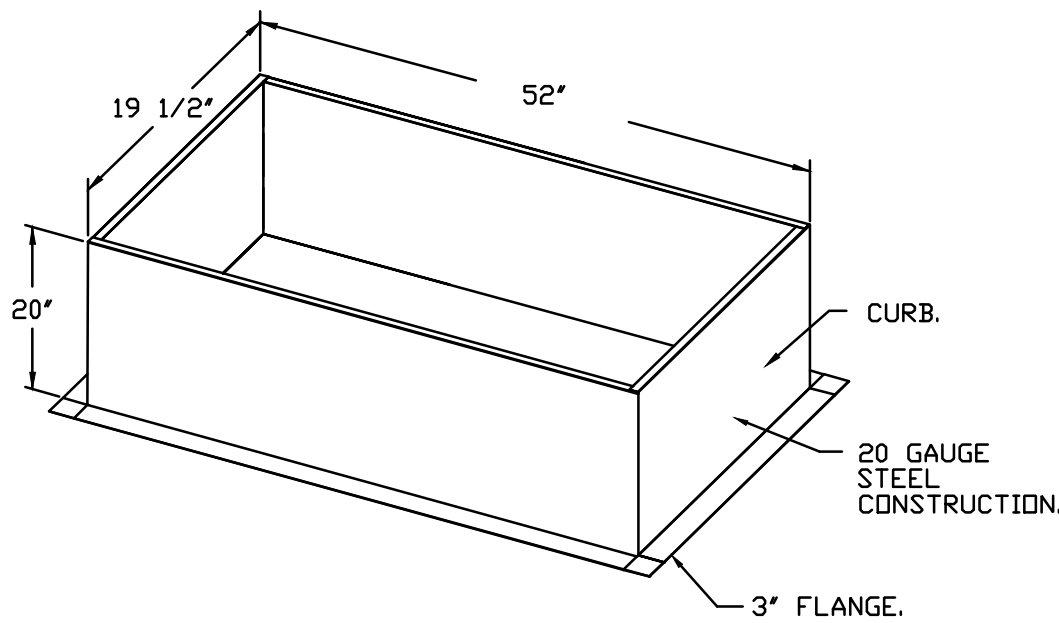
FAN #2 D76D - HEATER (MUAL)
1. LOW CFM DIRECT FIRED HEATER, DIRECT DRIVE.
2. INTAKE HOOD WITH E2 FILTERS.
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT.
4. GAS PRESSURE GAUGE, 0-35", 2.5" DIAMETER, 1/4" THREAD SIZE.
5. GAS PRESSURE GAUGE, -5 TO +15 INCHES WC, 2.5" DIAMETER, 1/4" THREAD SIZE.
6. MOTORIZED BACK DRAFT DAMPER 13" X 17" FOR D76 COMPACT DIRECT FIRED HEATERS W/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, TF120S ACTUATOR INCLUDED.
7. FREEZESTAT.
8. ECM WIRING PACKAGE FOR SUPPLY MOTORS WITH PWM SIGNAL FROM ECPM03 PREWIRE.
9. EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET.

SUPPLY SIDE HEATER INFORMATION

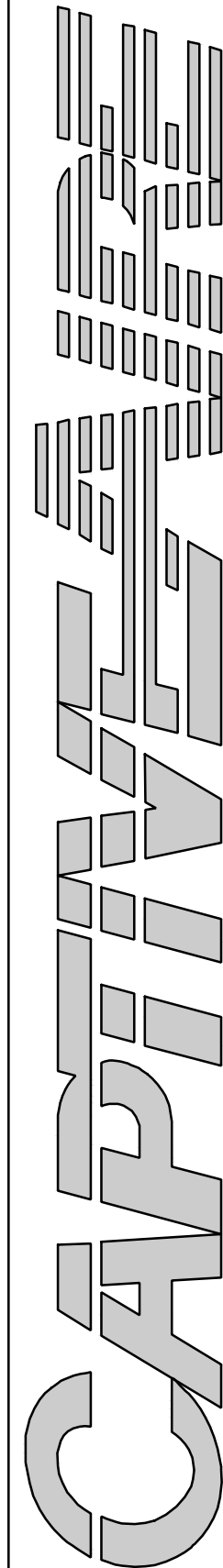
WINTER TEMPERATURE = 16°F. TEMP. RISE = 59°F.
BTUs CALCULATED OFF ACTUAL AIR DENSITY.
OUTPUT BTUs AT ALTITUDE OF 0.0 FT. = 47274.
INPUT BTUs AT ALTITUDE OF 0.0 FT. = 51385.
OUTPUT BTUs AT ALTITUDE OF 1296 FT. = 45102.
INPUT BTUs AT ALTITUDE OF 1296 FT. = 49024.



OPTIONS:
- FULL BOTTOM CORNERS.



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KANSAS CITY, MO,

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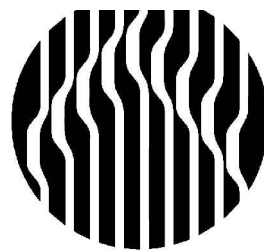
DWG.#:
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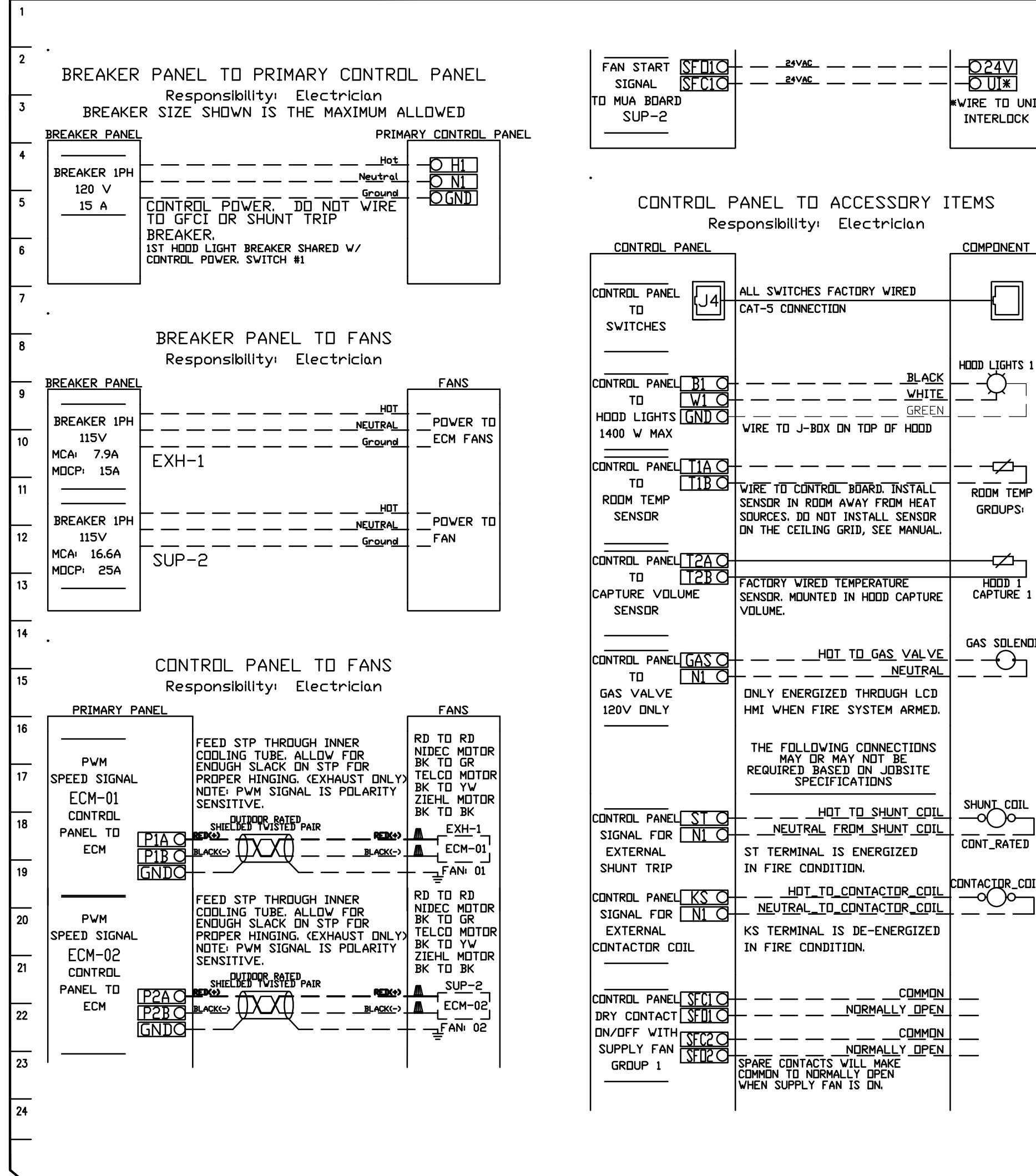
Checked by JST

M3.8

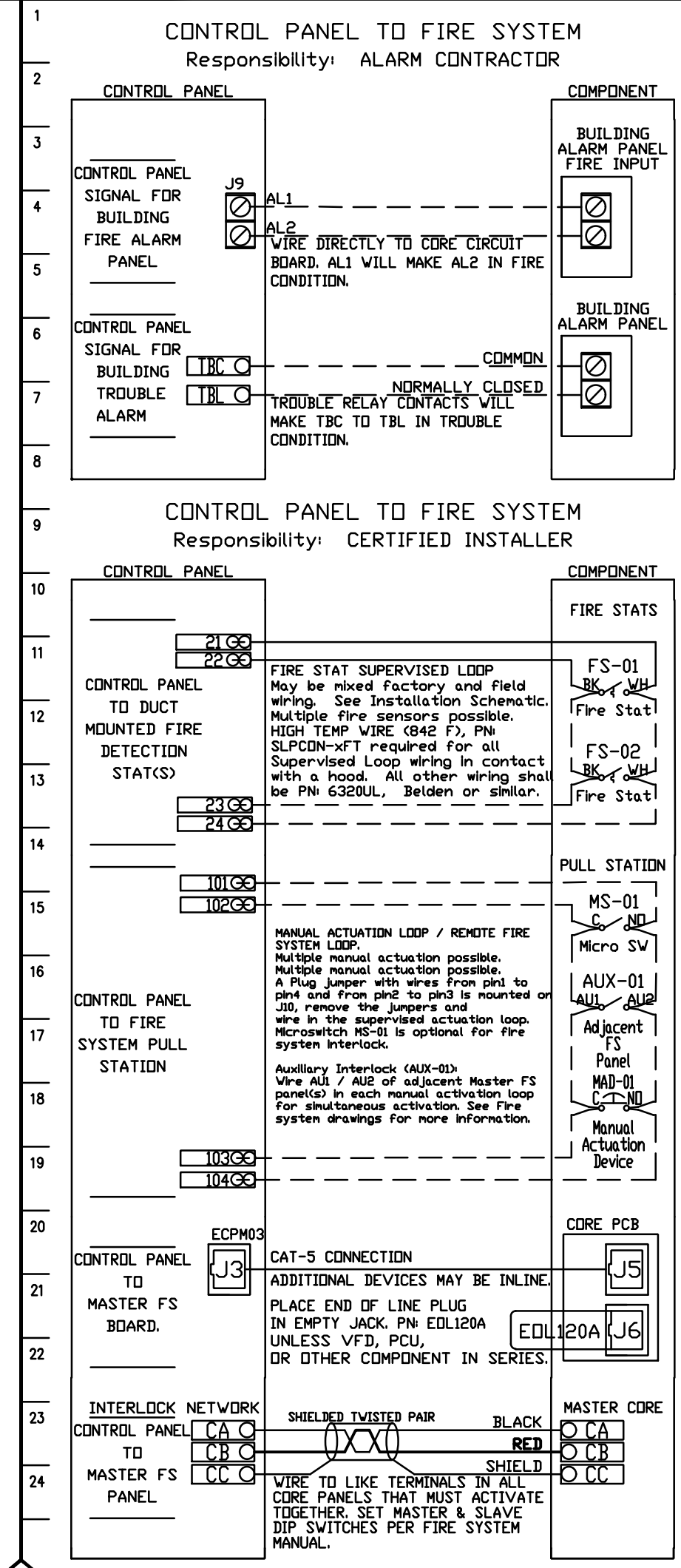
ELECTRICAL PACKAGE - JOB#8807641

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		FAN TAG	TYPE	HP	VOLT	FLA
1		SC-111110MA	UTILITY CABINET RIGHT	UTILITY CABINET RIGHT	1 LIGHT	SMART CONTROLS THERMOSTATIC CONTROL V/ RELAY ON/OFF WITH SUPPLY	GRIDDLE EF	EXHAUST	1	0.500	115 6.3
				HOOD # 1	1 FAN		MUA1	SUPPLY	1	1.000	115 11.6
2		Switches		FACE MOUNT RIGHT SIDE OF HOOD	1 FAN						
				HOOD # 2							

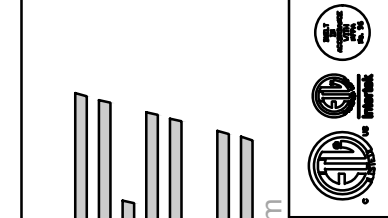
JOB NO	8807641	MODEL NUMBER	SC-111110MA	DRAWN BY	INSTALL	DESCRIPTION OF OPERATION
JOB NAME	Jersey Mike's Subs - Kansas C...	DATE	7/28/2026	DWG NO	ECF #1-1	120V 1 Phase w/ Control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fans On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation.



TANK CONNECTIONS



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KANSAS CITY, MO,

DATE: 7/28/2026

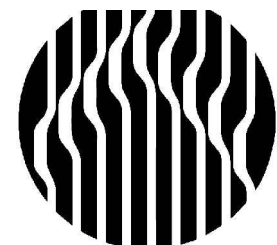
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MASTER DRAWING

SHEET NO. 9



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JERSEY MIKES - KANSAS CITY

Description Date

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Project # 43426-M001

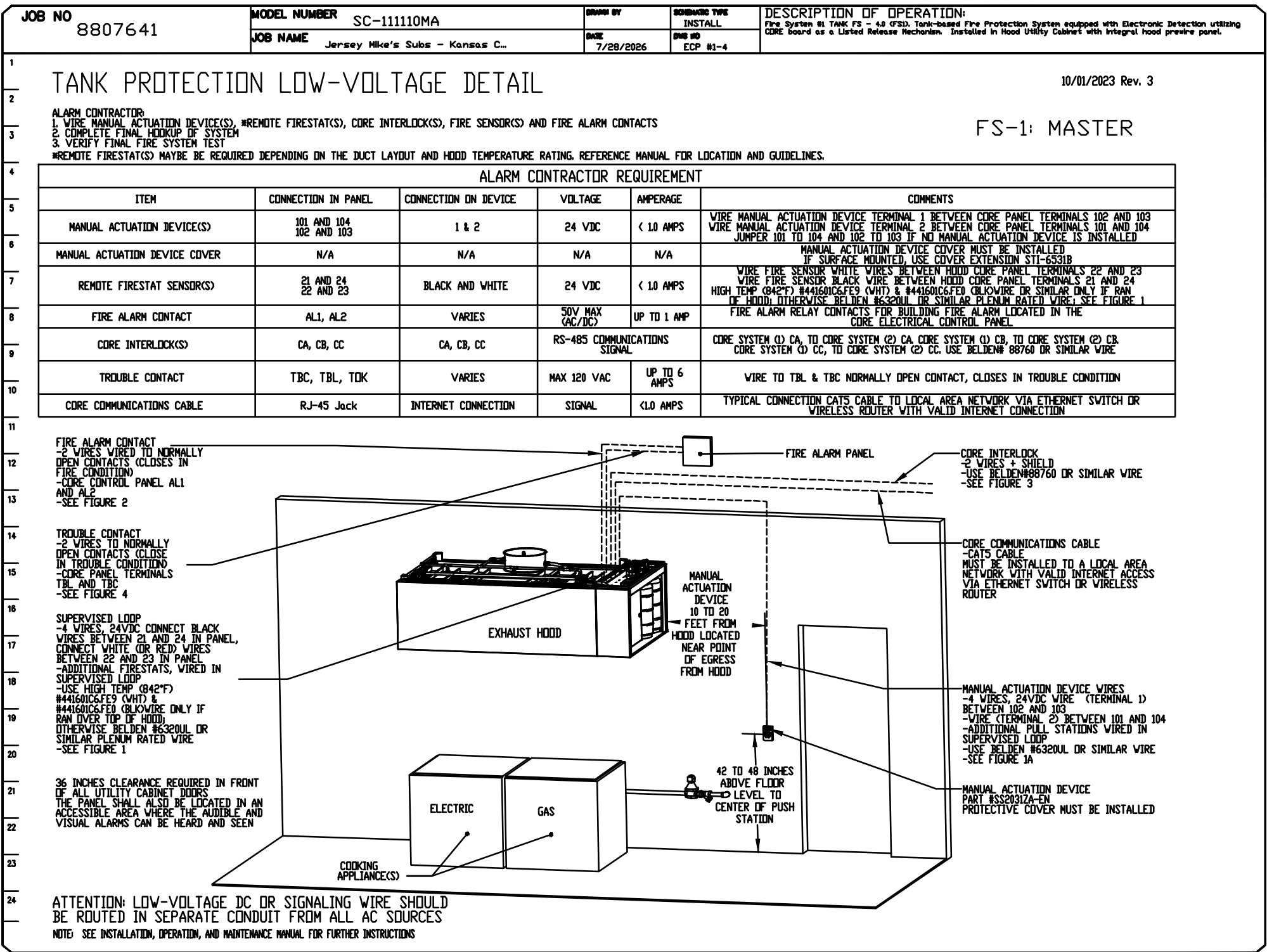
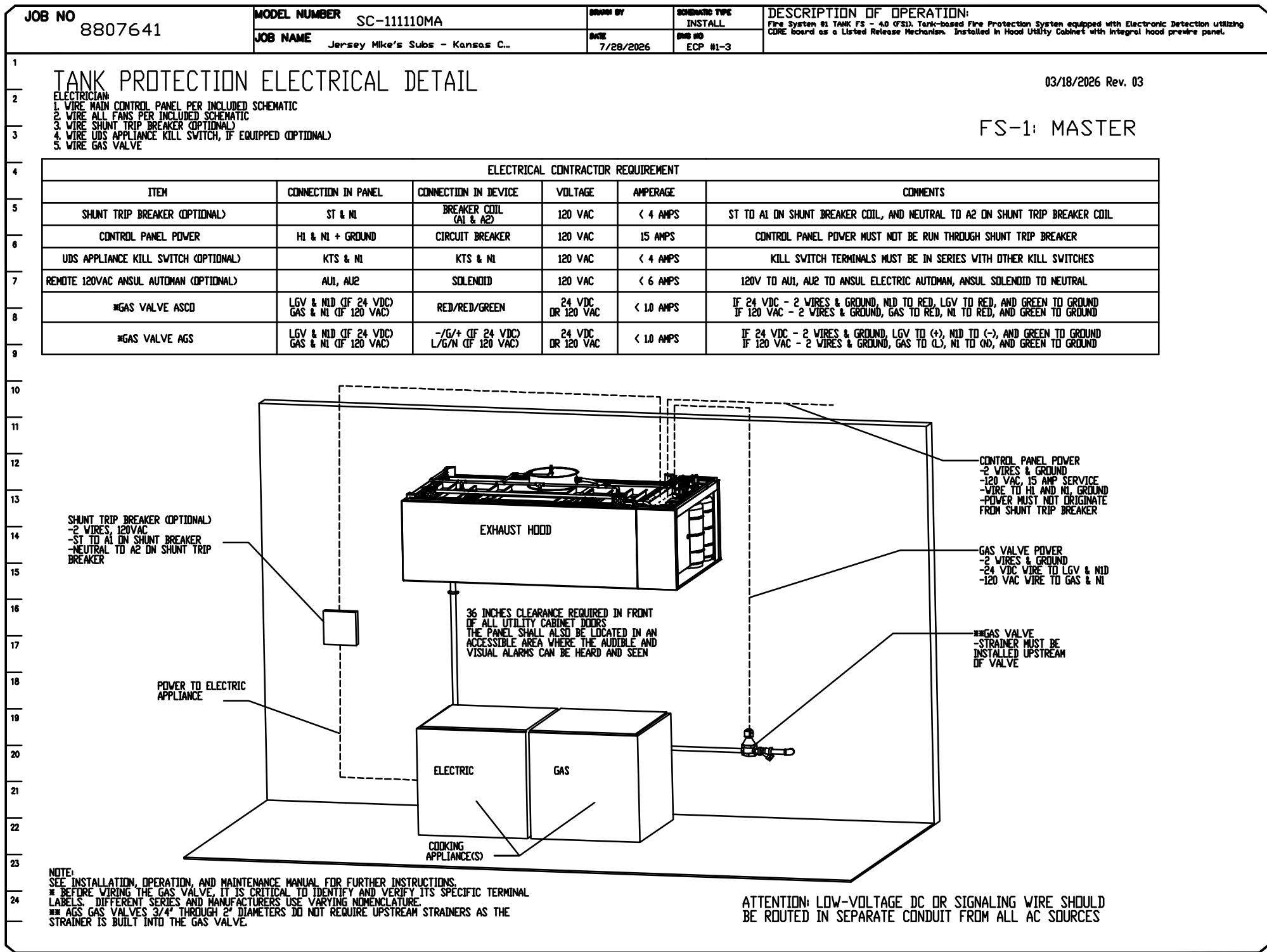
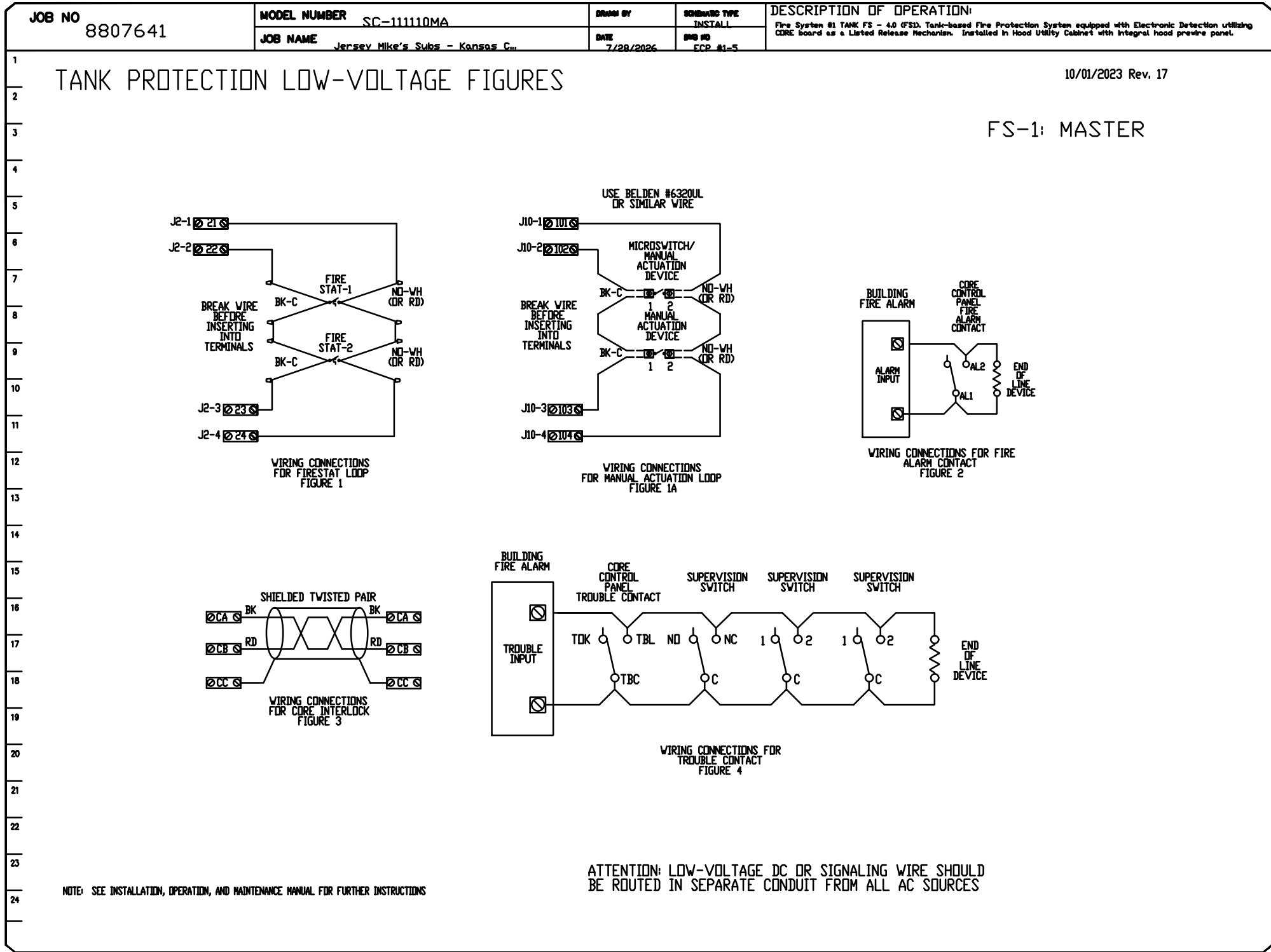
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REVISIONS

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www.captiveaire.com

8120 Woodmont Avenue, Suite 720, Bethesda, MD, 20814 PHONE: (800) 988-0881 FAX: 9192275931 EMAIL: reg32@captiveaire.com

Jersey Mike's Subs - Kansas City, MO

KANSAS CITY, MO

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Jersey Mike's SUBS

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Hood Drawing

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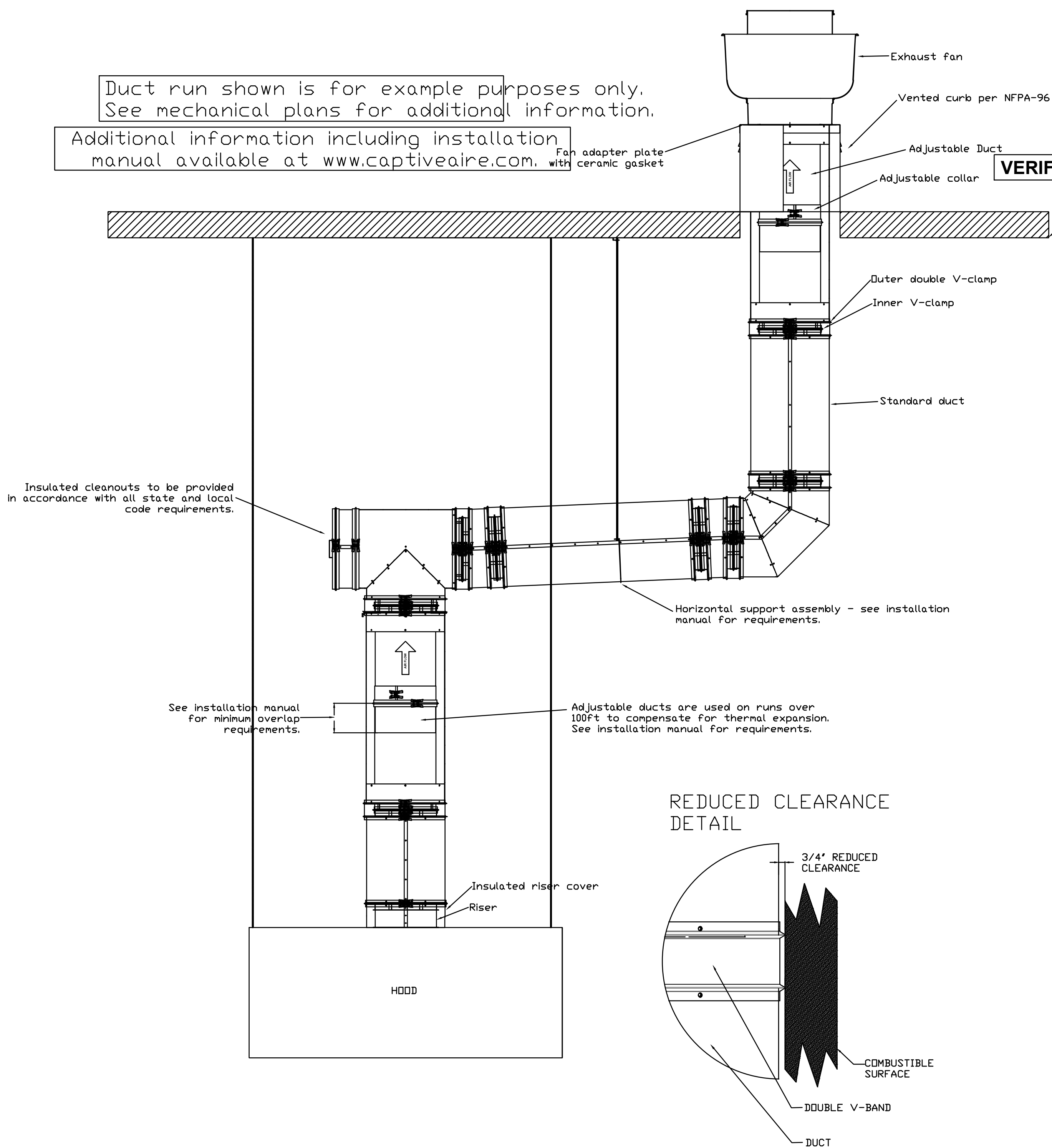
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GREASE EXHAUST DUCT DETAILS

- > CaptiveAire Grease Exhaust Duct is UL Listed and requires no field welding
- > Complies with IMC and NFPA96 requirements
- > Single-wall ductwork with Wrap is also available

Duct run shown is for example purposes only.
See mechanical plans for additional information.

Additional information including installation
manual available at www.captiveaire.com.



Double Wall Grease Duct Specification

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association "NFPA 96"; Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 24". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus Insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at 1/2" or zero inch clearance, according to classifications.

Classifications and Clearances

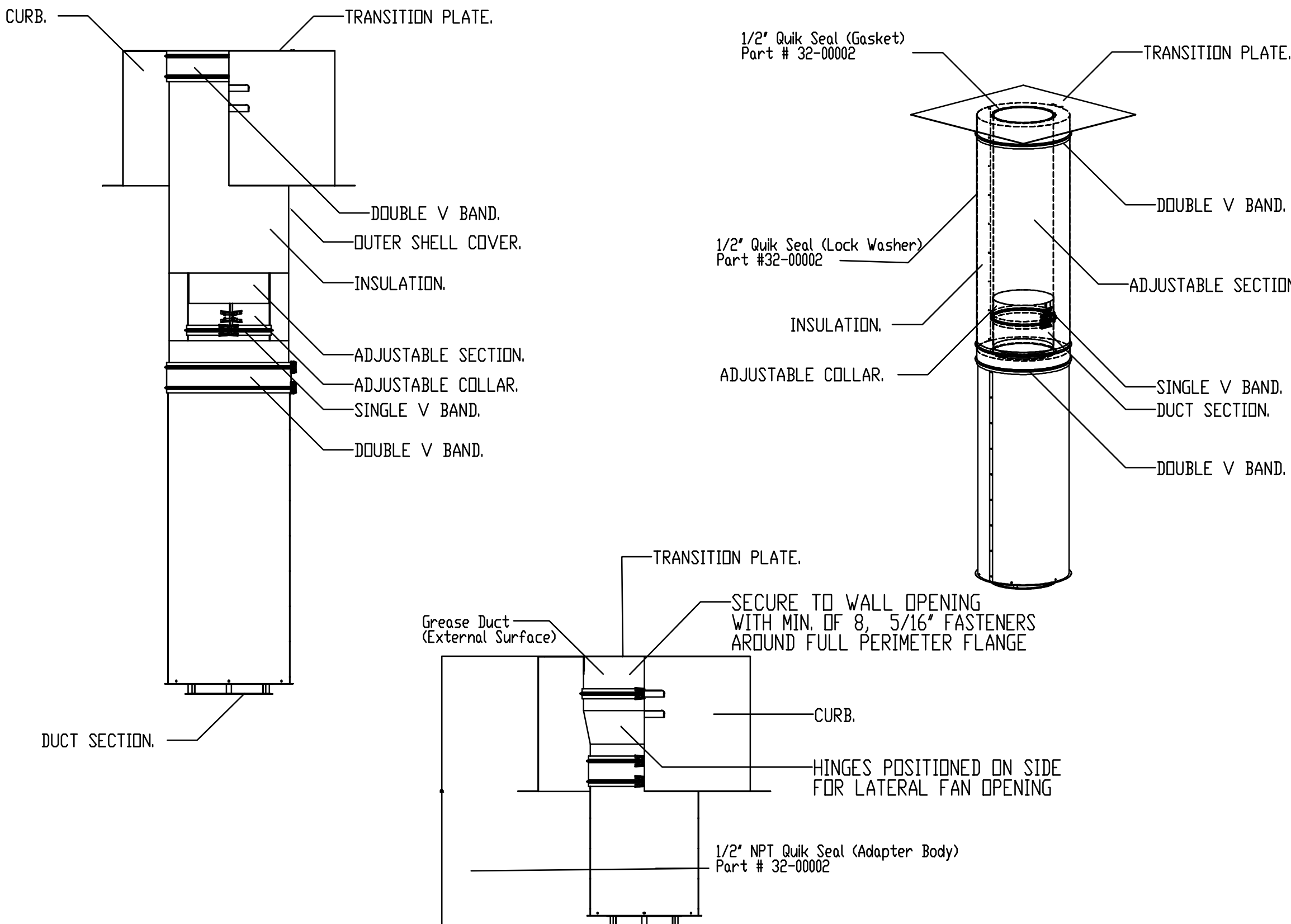
UL 2221: Standard for Fire Resistive Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

Model DW-3Z is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a minimum zero clearance to combustibles (sizes 8" to 24" diameter). Model 3Z is listed in accordance with the requirements for duct enclosure Condition A and B.

Model DW-2R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for duct enclosure Condition B.

CONTACT CAPTIVEAIRE FOR A
CUSTOMIZED DUCT SUBMITTAL
EMAIL: reg32@captiveaire.com
PHONE: (800) 988-0881

DOUBLE WALL DUCT TRANSITION PLATE



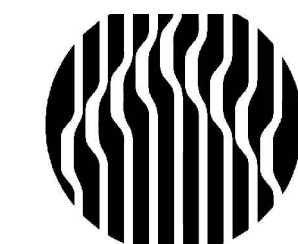
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DESCRIPTION	DATE

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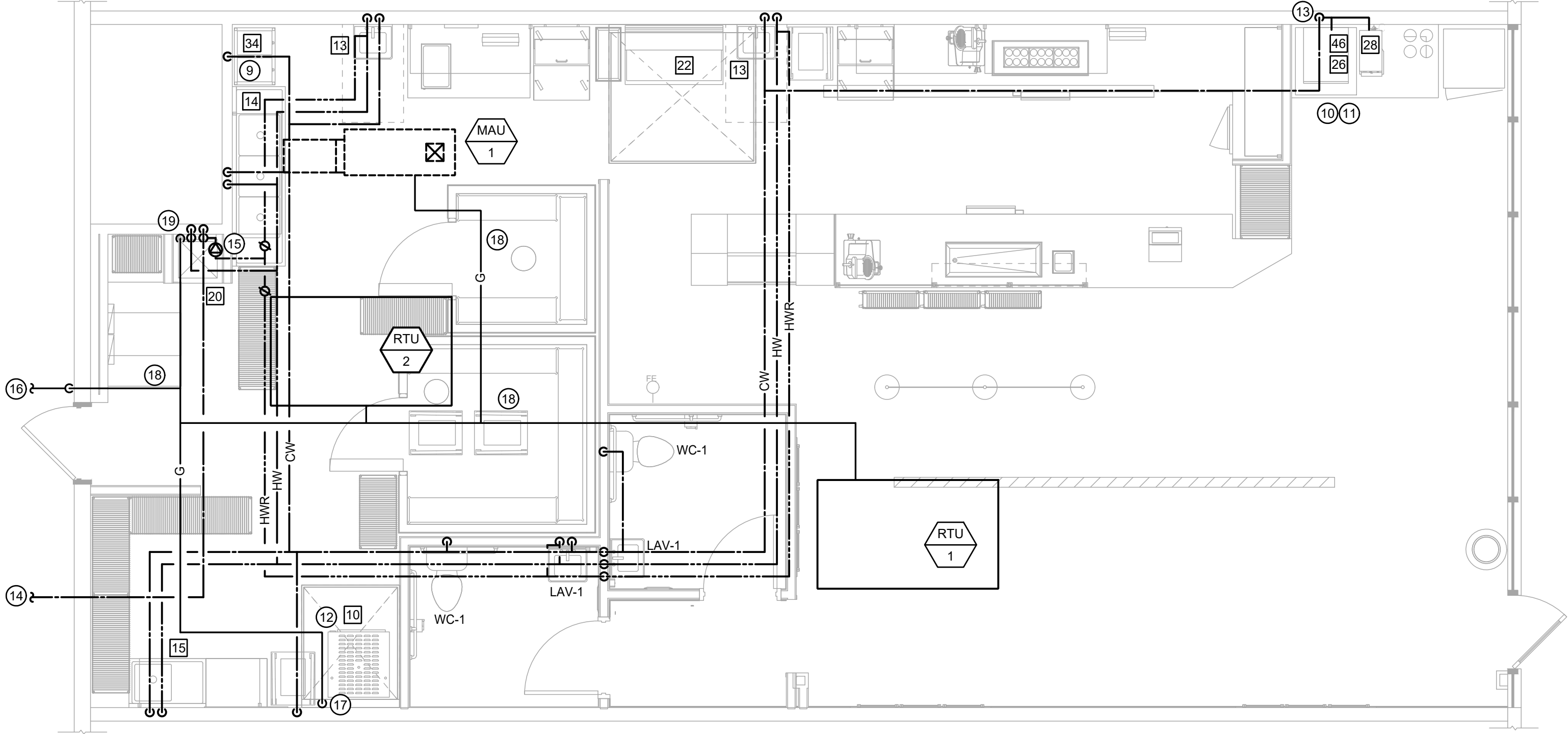
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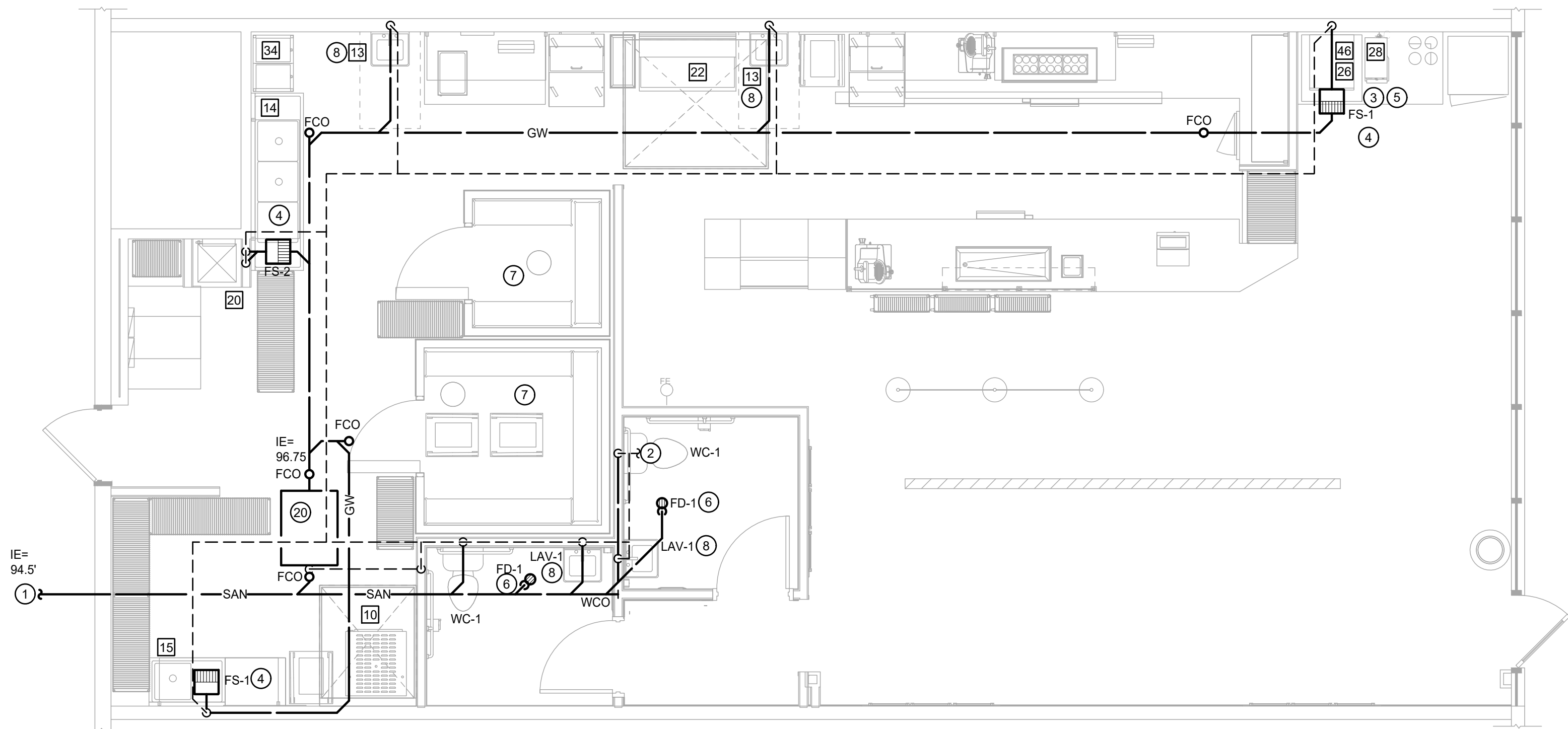
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2 WATER AND GAS PLAN
SCALE: 1/4" = 1'-0"



1 SANITARY/GREASE WASTE PLAN
SCALE: 1/4" = 1'-0"

NOTE:
INVERT ELEVATIONS SHOWN
ARE BASED ON A FINISHED
FLOOR ELEVATION OF 100.00'

#	DESCRIPTION
10	BREAD OVEN
13	HAND SINK - WALL HUNG
13A	HAND SINK - DROP IN
14	3 COMPARTMENT SINK
15	PREP SINK
20	MOP SINK
22	GRILLE
26	DRINK DISPENSER & ADAPTER KIT
28	ICED TEA BREWER / DISPENSER
34	BAG IN BOX SYSTEM
46	ICE MAKER

GAS LOAD SUMMARY			
SYSTEM	DESIGNATION	EQUIPMENT	MBH
PLUMBING	GWH-1	WATER HEATER	199
KITCHEN	22	GRILLE	135
HVAC	RTU-1	ROOFTOP UNIT	150
HVAC	RTU-2	ROOFTOP UNIT	80
HVAC	MAU-1	ROOFTOP UNIT	49
TOTAL NATURAL GAS CONNECTED LOAD			613
GAS METER REQUIREMENTS	MBH CAPACITY		613
	TOTAL DEVELOPED LENGTH INCLUDING EQUIVALENT PIPE LENGTH FOR FITTING AND VALVE FRICTION LOSSES TO GAS METER.		100 FT X 1.2 = 120 TDL
	CONSULT GAS UTILITY COMPANY FOR REGULATOR RATING		

NAVIEN NPE-240A FLOW RATE PER UNIT													
TEMPERATURE RISE (°F)	25	30	40	45	50	60	70	80	90	100	110	120	130
FLOW RATE (GPM)	10.1	9.1	8.3	8.1	7.0	6.0	5.0	4.7	4.5	4.4	4.0	3.5	3.5

TYPE OF FIXTURE	QUANTITY	MAX GPM	AVG. TEMP (°F)	TOTAL	SIM USE FACTOR
COMPARTMENT SINK	1	3	140	2.4	.8
PREP SINK	1	3	140	2.4	.8
HAND SINK	2	1.5	110	1.5	.5
LAVATORY SINK	2	.5	110	.5	.5
MOP SINK	1	2.25	140	.45	.2
TOTAL DEMAND				7.25	GPM
ADJUSTED DEMAND				4.35	GPM

HOT WATER BALANCING NOTE:

PLUMBING CONTRACTOR SHALL PROVIDE JOMAR VALVE REG/RCSETTER™ AUTOMATIC VARIABLE SET POINT BALANCING VALVE OR EQUIVALENT AT EACH HOT WATER CIRCULATION CONNECTION TO THE HOT WATER SYSTEM. ENSURE VALVES ARE INSTALLED IN AN ACCESSIBLE LOCATION FOR ADJUSTMENT AND SERVICE. SYSTEM SHALL BE SET FOR A 5 DEGREE TEMPERATURE DIFFERENCE FROM WATER HEATER SET POINT. CONSULT WITH THE CIRCULATING PUMP MANUFACTURER FOR ADDITIONAL CONTROLS AND BALANCING INSTRUCTION.

EXISTING SANITARY SEWER CONDITIONS NOTE:

SANITARY SEWER PIPING SHOWN ON DRAWINGS IS DIAGRAMMATIC AND MAY DIFFER SLIGHTLY FROM ACTUAL FIELD CONDITIONS. PLUMBING CONTRACTOR (PC) SHALL COORDINATE WITH EXISTING FIELD CONDITIONS VIA A SANITARY VIDEO SURVEY/SCOPE TO DETERMINE THE EXACT SIZE, LOCATION, INVERT ELEVATIONS AT THE PROPOSED CONNECTIONS TO EXISTING PLUMBING SERVICES PRIOR TO BID/CONSTRUCTION. IF ACTUAL FIELD FINDINGS VARY SIGNIFICANTLY FROM THOSE AS INDICATED ON PLANS, PC SHALL NOTIFY GENERAL CONTRACTOR (GC) IMMEDIATELY PRIOR TO STARTING ANY WORK. THE OWNER SHALL NOT BE RESPONSIBLE FOR ADDITIONAL COSTS INCURRED BY FAILED COORDINATION AFTER CONSTRUCTION HAS BEGUN. PC SHALL BE RESPONSIBLE FOR UTILIZING A REPUTABLE UTILITY LOCATING SERVICE PRIOR TO ANY EXCAVATION.

PLUMBING SYMBOLS

— SAN —	SANITARY SEWER LINE
— GW —	GREASE WASTE LINE
---	VENT LINE
— G —	GAS LINE
—	COLD WATER LINE
—	HOT WATER LINE
—	HOT WATER RETURN LINE
—	SHUT-OFF VALVE
—	BACKFLOW PREVENTER
—	POINT OF CONNECTION
CW	COLD WATER
HW	HOT WATER
TW	TEMPERED WATER
FW	FILTER WATER
FS	FLOOR SINK
FD	FLOOR DRAIN
TP	TRAP PRIMER
TMV	THERMOSTATIC MIXING VALVE

NOTE:

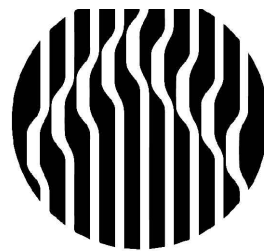
- REFER TO RISER DIAGRAM ON SHEET P2.0 FOR PIPE SIZES.
- REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P2.0 FOR LIST OF FIXTURES.
- ALL EXPOSED DRAIN PIPING FOR 3-COMP SINK, PREP SINK SHALL BE PIPED IN COPPER.

GENERAL NOTES

- VERIFY ALL PIPING IS GRADED AS PER CODE AND INSTALLED AS CALLED FOR IN DRAWINGS AND REQUIRED FOR PROPER OPERATION.
- PROVIDE WALL PLATES, STOPS, SUPPLIES, TRAPS AND DRAIN OUTLETS FOR ALL KITCHEN EQUIPMENT AND MISCELLANEOUS EQUIPMENT.
- CONNECT ALL EQUIPMENT AND FIXTURES SUPPLIES BY OTHERS.
- ALL HOT WATER PIPING SHALL BE FIBERGLASS INSULATED (R=4.0 MIN. RATING).
- PROVIDE NAIL GUARDS AS REQUIRED.
- ALL WORK TO BE DONE IN ACCORDANCE WITH ALL LOCAL CODES AND REQUIREMENTS.
- VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO BID AND START OF WORK.
- ALL EXPOSED PIPING FOR DESIGNATED DISABLED ACCESS FIXTURES SHALL BE COVERED OR OTHERWISE WRAPPED IN ACCORDANCE WITH A.D.A. REQUIREMENTS AND LOCAL AUTHORITY.
- ALTERNATE MATERIAL NOT IDENTIFIED IN DRAWINGS BUT APPROVED BY LOCAL AUTHORITY SHALL BE SUBMITTED TO ARCHITECT AND PLUMBING ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
- PLUMBING CONTRACTOR TO FURNISH AND INSTALL ALL MATERIAL AND PIPING REQUIRED FROM ROUGH-IN LOCATION TO EQUIPMENT CONNECTION LOCATIONS, BOTH SUPPLY AND WASTE (DIRECT & INDIRECT).
- ALL HORIZONTAL LINES AS EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT HIGHEST POSSIBLE ELEVATION AND NOT LESS THAN 6 INCHES ABOVE FINISHED FLOOR SURFACE TO PROVIDE CLEARANCE FOR CLEANING AT ALL SUCH LOCATIONS.
- PLUMBING CONTRACTOR TO INSTALL FAUCETS, AND WASTE ON ALL SINKS AND MAKE FINAL CONNECTIONS.
- ALL INTERIOR PIPING FOR GREASE WASTE SYSTEM SHALL BE PCV, SOLVENT WELDED.
- WHEN PERMITTED BY CODE AND THE OWNER, CONTRACTOR MAY USE PEX AS ALTERNATE SYSTEM FOR POTABLE WATER SYSTEMS.
- ANY CHEMICAL DISPENSERS WITH A DIRECT WATER CONNECTION WILL REQUIRE AN RPZ BACKFLOW OR AIR GAP. AIR GAPS CANNOT BE ENCLOSED.
- CROSS CONNECTION CONTROL ASSEMBLIES LOCATED MORE THAN 5' ABOVE THE FLOOR MUST HAVE A SUITABLE, PERMANENT PLATFORM FOR TESTING AND MAINTENANCE

PLAN KEYED NOTES

- ROUTE NEW SANITARY SEWER TO CONNECT TO EXISTING SANITARY SEWER LINE SERVING TENANT SPACE. VERIFY EXISTING INVERT ELEVATIONS, DIRECTION OF FLOW AND LOCATIONS IN FIELD PRIOR TO ANY WORK.
- ROUTE NEW SANITARY VENT TO CONNECT TO EXISTING VENT. VERIFY EXACT LOCATION IN FIELD. PROVIDE NEW VENT THROUGH ROOF IF NONE EXISTING TO SERVE THIS TENANT SPACE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH LANDLORD. EXISTING VENT PIPE AT POINT OF CONNECTION MUST OF EQUAL OR GREATER SIZE THAT CONNECTING TO NEW VENT PIPE.
- ROUTE ICE MAKER INDIRECT WASTE TO FLOOR SINK. PROVIDE AIR GAP PER CODE. REFER TO PLUMBING EQUIPMENT SCHEDULE FOR INFORMATION.
- INSTALL FLOOR DRAIN WITH CODE APPROVED TRAP GUARD OR TRAP PRIMER.
- ROUTE INDIRECT WASTE FROM SODA MACHINE TO FLOOR SINK.
- PROVIDE FLOOR DRAIN WITH CODE APPROVED TRAP GUARD OR TRAP PRIMER.
- REFRIGERATION SYSTEM HAS NO CONDENSATE DRAIN (SELF EVAPORATING TYPE).
- PROVIDE HAND SINK/LAVATORY WITH ASSE 1070 THERMOSTATIC MIXING VALVE (TMV) SET AT 105°F.
- PROVIDE IN-LINE BACK FLOW PROTECTION (BFP) FOR BAG-N-BOX. REFER TO KITCHEN EQUIPMENT SCHEDULE. SEE BACKFLOW TABLE THIS SHEET FOR BFP
- INSTALL ACCESSIBLE CW SUPPLY TO SODA MACHINE. PROVIDE BACKFLOW PER SCHEDULE, THIS SHEET.
- PROVIDE BACKFLOW TO SERVE ICE TEA BREWER PER SCHEDULE, THIS SHEET.
- ROUTE COLD WATER PIPING DOWN TO BREAD OVEN, PROVIDE 1/4" REDUCER AND QUARTER TURN VALVE. REDUCE AND PROVIDE LEAD FREE DOUBLE CHECK VALVE WATTS 007 OR EQUAL, PRIOR TO CONNECTION TO EQUIPMENT.
- CW SUPPLY DOWN TO BEVERAGE COUNTER. NOTE MANIFOLD AS REQUIRED TO EACH PIECE OF EQUIPMENT. COORDINATE WITH ARCHITECTURAL AND FINISHES. PROVIDE ANGLE STOP WITH APPROPRIATE BACKFLOW DEVICE INDICATED ON SCHEDULE THIS SHEET.
- ROUTE NEW 1-1/4" DOMESTIC COLD WATER TO CONNECT TO EXISTING 1-1/3" DOMESTIC COLD WATER SERVICE LINE STUB IN SPACE. PROVIDE AND INSTALL 1-1/4" RPZBFP ABOVE MOP SINK IF ONE IS NOT PROVIDED FOR THE SPACE. COORDINATE WITH WATER COMPANY AND LANDLORD FOR EXACT METERING REQUIREMENTS.
- CIRCULATION PUMP, SEE PLUMBING FIXTURE SCHEDULE AND RISER DIAGRAM.
- ROUTE NEW GAS PIPING TO CONNECT TO GAS METER AT LANDLORD PROVIDED METER BANK. VERIFY METER INSTALLATION REQUIREMENTS WITH LOCAL UTILITY COMPANY.
- GAS DOWN TO KITCHEN EQUIPMENT. PROVIDE AUTOMATIC EMERGENCY FUEL SHUT-OFF VALVE. EMERGENCY SHUT OFF INTERLOCKED TO HOOD FIRE SUPPRESSION SYSTEM. PROVIDE MANUAL SHUT-OFF VALVE. GAS LINE ABOVE AUTOMATIC EMERGENCY FUEL SHUT-OFF VALVE. COORDINATE WITH HOOD DRAWINGS.
- GAS PIPING RUN ON ROOF TOP. VERIFY ROUTING PRIOR TO CONSTRUCTION. PAINT ALL EXPOSED GAS PIPING WITH OIL-BASE PAINT FOR RUST PROTECTION
- ROUTE GAS PIPING TO NEW WATER HEATER. PROVIDE SHUT OFF, DIRT LEG AND UNION PRIOR TO CONNECTION TO EQUIPMENT.
- ROUTE NEW GREASE WASTE PIPING TO CONNECT TO NEW SCHIER GG-3 GREASE INTERCEPTOR SERVING TENANT SPACE. INSTALL IN BACK OF HOUSE. VERIFY EXISTING INVERT ELEVATIONS, DIRECTION OF FLOW AND LOCATIONS IN FIELD PRIOR TO ANY WORK.



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PLUMBING
PLAN

Project # 43426-M001

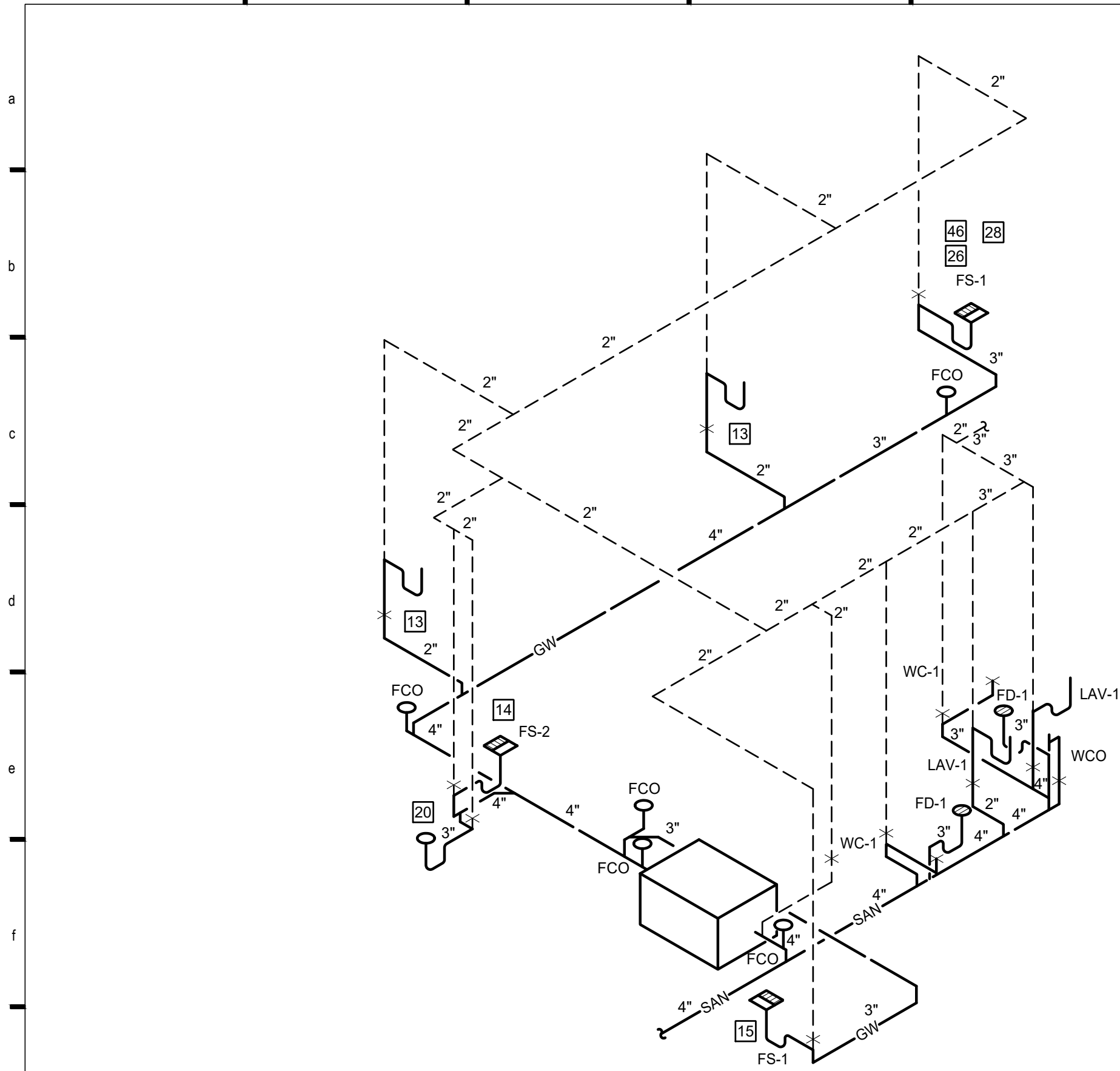
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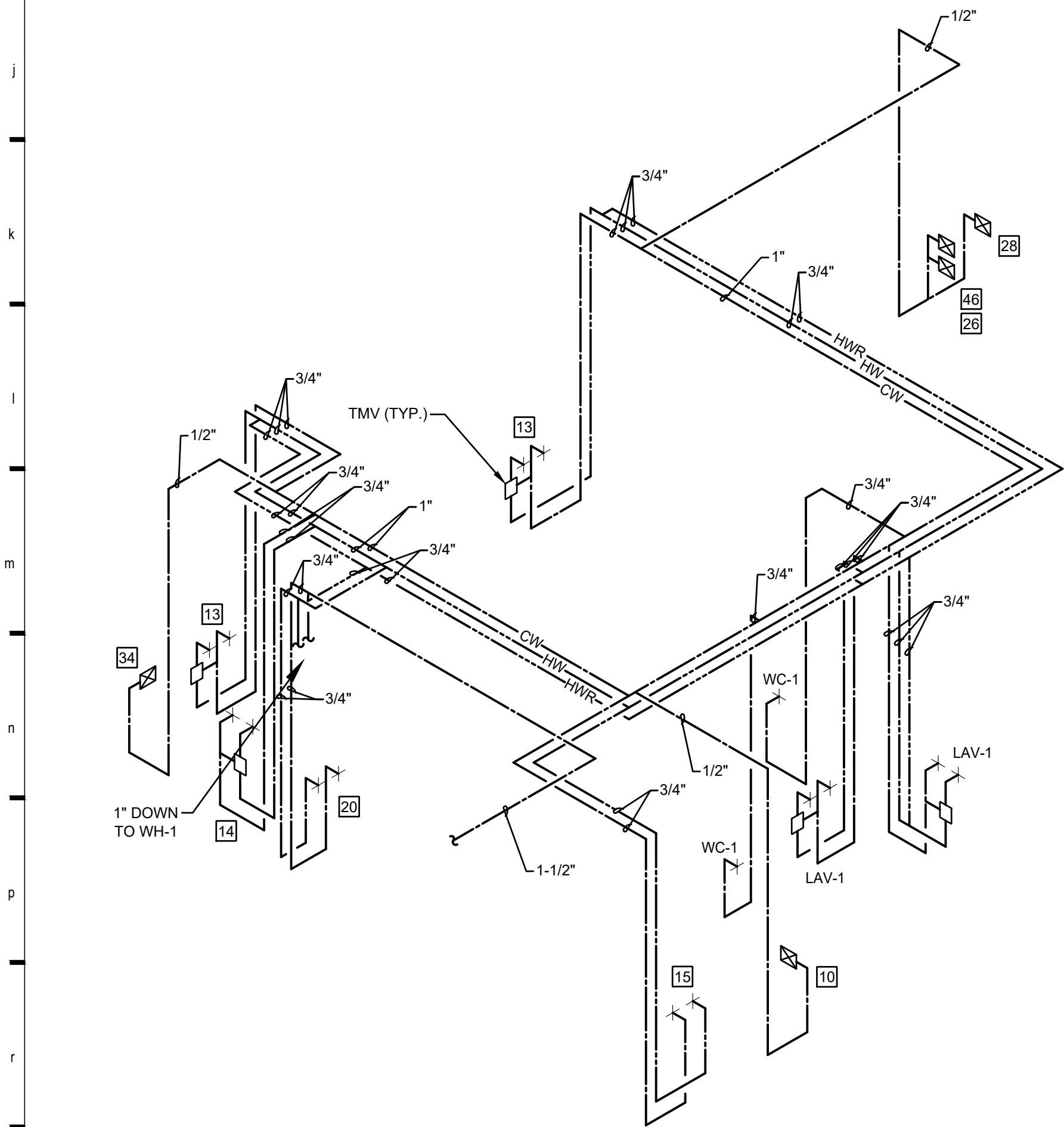
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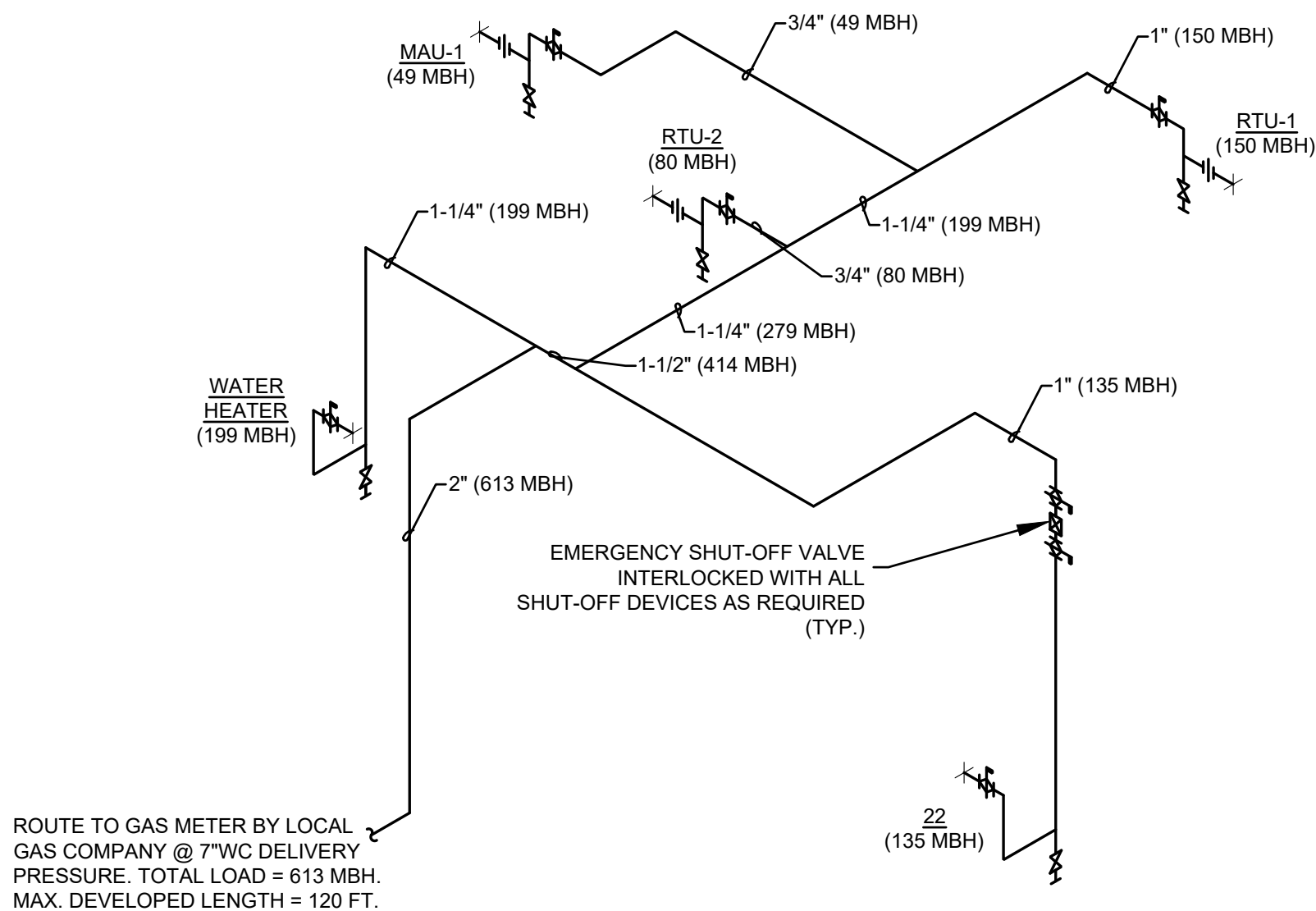
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1 WASTE RISER DIAGRAM
SCALE: N.T.S.



2 WATER RISER DIAGRAM
SCALE: N.T.S.



2 GAS RISER DIAGRAM
SCALE: N.T.S.

TABLE TO CALCULATE DRAINAGE FIXTURE UNITS			
PLUMING FIXTURE	DRAINAGE FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL DRAINAGE FIXTURE UNITS
HAND SINK	1	2	2
LAVATORY	1	2	2
WATER CLOSET	4	2	8
FLOOR SINK	3	3	9
MOP SINK	3	1	3
TOTAL DRAINAGE FIXTURE UNITS			24

TABLE TO CALCULATE SUPPLY FIXTURE UNITS			
PLUMING FIXTURE	SUPPLY FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL SUPPLY FIXTURE UNITS
HAND SINK	1.0	2	2.0
LAVATORY	1.0	2	2.0
WATER CLOSET	2.5	2	5.0
3 COMPARTMENT SINK	3.0	1	3.0
PREP SINK	2.0	1	2.0
BEVERAGE EQUIP.	0.5	3	1.5
MOP SINK	3.0	1	3.0
TOTAL SUPPLY FIXTURE UNITS			18.5
GPM:			20.0
WATER SERVICE SIZE:			1-1/4"

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	SAN.	VENT.	C.W.	H.W.	REMARKS
WC-1	WATER CLOSET - ADA FLOOR SET	4"	2"	1/2"	-	SLOAN: WETS-8029.8010 (RH) WETS-8029.8113 (LH) PRESSURE ASSIST FLUSH TANK, 1.28 GPF, ELONGATED BOWL WITH CHURCH #9500C ELONGATED WHITE OPEN FRONT SEAT ADA
LAV-1	LAVATORY - ADA	2"	2"	1/2"	1/2"	KOHLER KINGSTON K-2005 WITH K-15597-5P FAUCET, 0.5 GPM, GRID STRAINER, TAILPIECE, P-TRAP, SUPPLY STOPS AND MIXING VALVE ON SUPPLY, PROVIDE AND INSTALL WRAP FOR TAIL PIECE, TRAP, AND HOT WATER.
FS-1	FLOOR SINK - HALF GRATE	3"	2"	-	-	J.R. SMITH 3060Y-12, CAST IRON FLANGED, ROUND RECEPTOR WITH SEEPAGE OPENINGS, ACID RESISTANT COATED INTERIOR, NB HALF GRATE, INTERIOR DOME STRAINER.
FS-2	FLOOR SINK HALF GRATE	4"	2"	-	-	
FD	FLOOR DRAIN	2"	2"	-	-	J.R. SMITH 2010Y, CAST IRON FLANGED, ROUND.
CP-1	CIRCULATION PUMP	-	-	3/4"	-	BELL AND GOSSETT NBF-33, ALL BRONZE BODY, 125 WATTS, 120 VOLT WITH TC-1 AUTOMATIC TIMER KIT. WHEN INSTANTANEOUS WATER IS SPECIFIED, REFER TO MANUFACTURER FOR WIRING .
MV	THERMOSTATIC MIXING VALVE POINT OF USE	-	-	1/2"	1/2"	ACORN ST-70 SET TO 110°
GWH-1	GAS WATER HEATER	-	-	-	-	NAVIENT NPE-240A2 HIGH EFFICIENCY CONDENSING TANKLESS WATER HEATER. MOUNT ABOVE MOP SINK.

EQUIPMENT SCHEDULE						
#	DESCRIPTION	WATER		WASTE		MANUFACTURER
		HOT	COLD	DIRECT	INDIRECT	
10	BREAD OVEN	-	1/2"	-	-	SEE ARCH.
13	HAND SINK	1/2"	1/2"	2"	-	SEE ARCH.
14	3 COMPARTMENT SINK	3/4"	1/2"	-	-	SEE ARCH.
15	PREP SINK	3/4"	1/2"	-	FS	SEE ARCH.
20	MOP SINK	3/4"	3/4"	3"	-	MUSTEE 63
22	GRILLE	-	-	-	-	SEE ARCH.
26	DRINK DISPENSER	-	1/2"	-	FS	SEE ARCH.
28	ICED TEA BREWER / DISPENSER	-	1/2"	-	-	SEE ARCH.
34	BAG IN BOX SYSTEM	-	1/2"	-	-	SEE ARCH.
46	ICE MAKER	-	1/2"	-	FS	SEE ARCH.

POTABLE WATER BACKFLOW SCHEDULE			
TYPE OF EQUIPMENT ON SYSTEM	METHOD OF CROSS CONNECTION CONTROL	MANUFACTURE AND MODEL NUMBER	REMARKS
CARBONATOR SODA SYSTEM AND BREAD OVEN	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF-009-QTS	STAINLESS STEEL BODY WITH QUARTER TURN VALVE SS STRAINER.
ICE MACHINE	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF-009-QT-S	STAINLESS STEEL BODY WITH QUARTER TURN VALVE SS STRAINER.
TEA MACHINE	DOUBLE CHECK VALVE ASSEMBLY	WATTS 9D-LF ASSE 1022/1024 CERT.	STAINLESS STEEL BODY WITH QUARTER TURN VALVE BRONZE STRAINER.
WATER SERVICE	REDUCED PRESSURE ZONE ASSEMBLY	WATTS LF-919-QT	LEAD FREE CAST COPPER WITH QUATER TURN

- CONTRACTOR SHALL PROVIDE INDIVIDUAL BACKFLOW PREVENTERS FOR EACH PIECE OF EQUIPMENT.
- EACH BACKFLOW PREVENTER MUST HAVE TESTING PORTS.
- BRONZE BODIED BACKFLOW PREVENTERS ARE PERMISSABLE IF ALLOWED BY LOCAL CODES.
- PROVIDE CARBONATOR AND BREAD OVEN WITH FEBCO (WATTS) SERIES LFTC1 TEST PORT DOWNSTREAM OF BACKFLOW PREVENTER.

GREASE INTERCEPTOR CALCULATIONS

Reference No. 100207 Project Name: Jersey Mike's - Kansas City, MO (NW Barry Rd)

Step 1: Flow rate to grease interceptor

Fixture flow rate: (cu in / 231) = gal x 0.75 / 2 min = 2 min flow rate

NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
3 Comp	3 Compartment Sink	16" x 20" x 14" (3)	1	13,440	21.82 GPM
Floor Drain	Floor Drain	N/A	2	N/A	0 GPM
Hand Sink	Hand Sink	10" x 14" x 5"	2	1,400	2.28 GPM
Mop Sink	Mop Basin	24" x 24" x 10"	1	5,760	9.35 GPM
Prep Sink	Prep Sink One Bowl	16" x 20" x 14"	1	4,480	7.27 GPM

Total 40.71 GPM

Step 2: Grease Production

Servings per day x Grease production value x Days between pump-outs = Grease output

Servings per day: 250

Grease production value: 0.005 lbs per serving (Sandwich Shop: Low / No flatware)

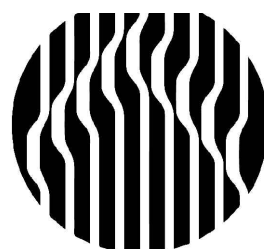
Days between pump-outs: 90 days

250 x 0.005 x 90 = 112.5 lbs of FOG

SCHIER MODEL	Description: GREASE INTERCEPTOR 50 GPM, 4" PLAIN/FPT CONNECTIONS, PEDESTRIAN RATED POLYPROPYLENE COVER
GB3	Dimensions: Length: 37", Width: 28", Height: 21" Flow Rate/Grease Capacity: 50 GPM / 268 lbs Liquid Capacity: 40 gal

Specification Note: This Great Basin model has been sized to the flow rate and grease production requirements of the application and may not be substituted by liquid capacity alone. Any substitution requests must be approved by the specifying engineer and the authority having jurisdiction.

Please contact support@schierproducts.com for technical and procurement support for the specified Great Basin model.



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JERSEY MIKES - KANSAS CITY

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Description Date



FOR PERMIT

Client Approval

PLUMBING ISOMETRICS
AND TABLES

Project # 43426-M001

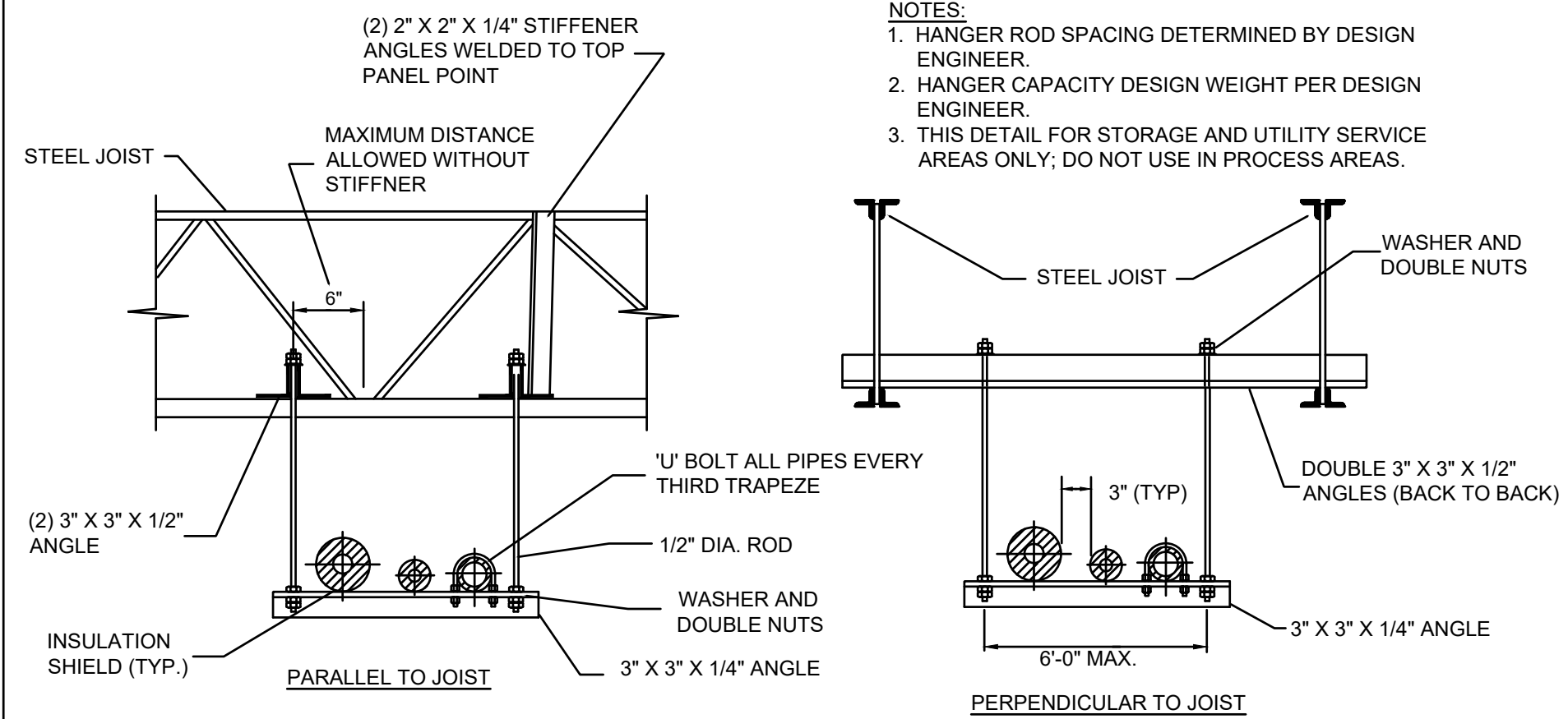
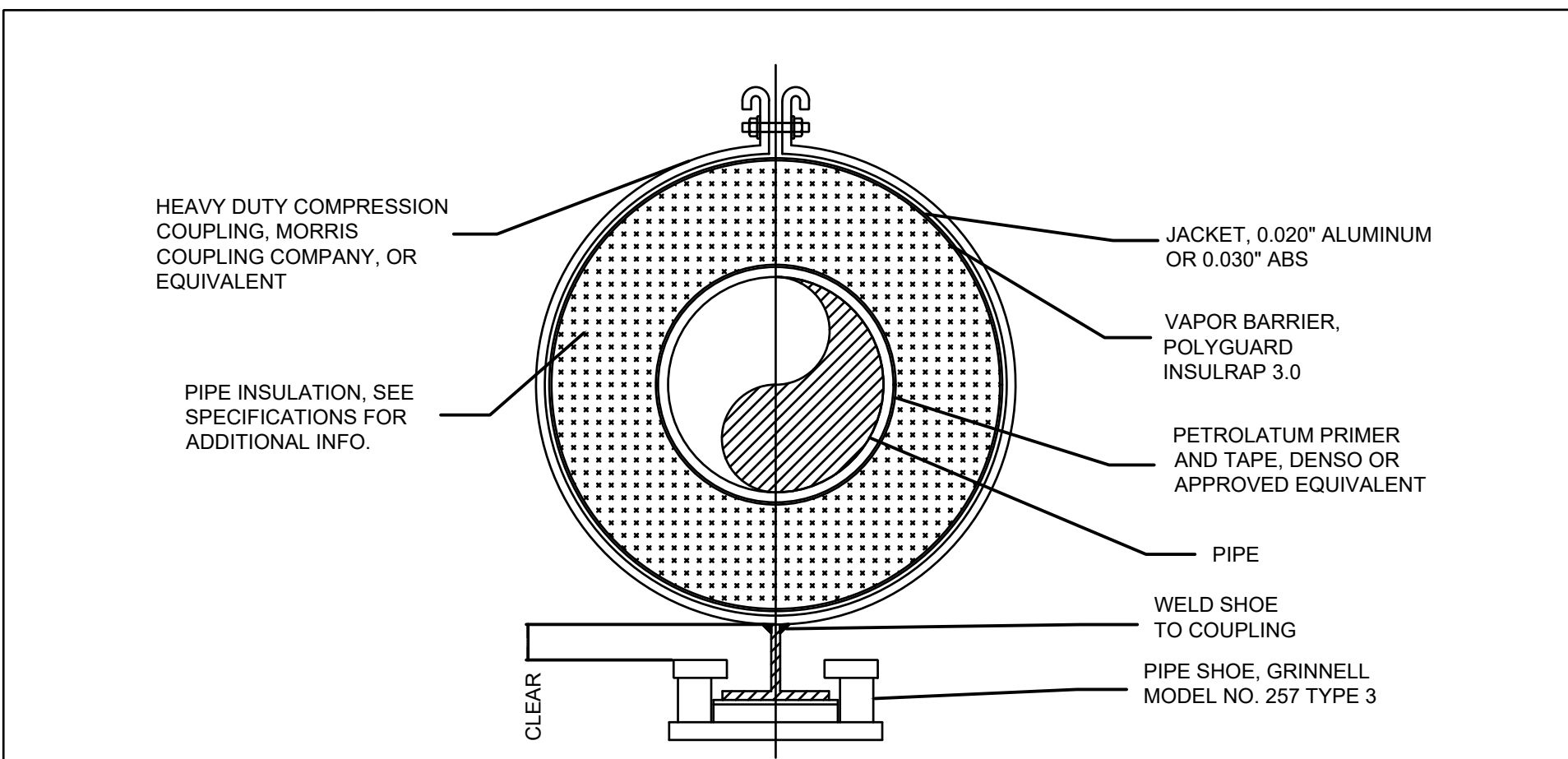
Issue Date 10/07/2026

Scale As indicated

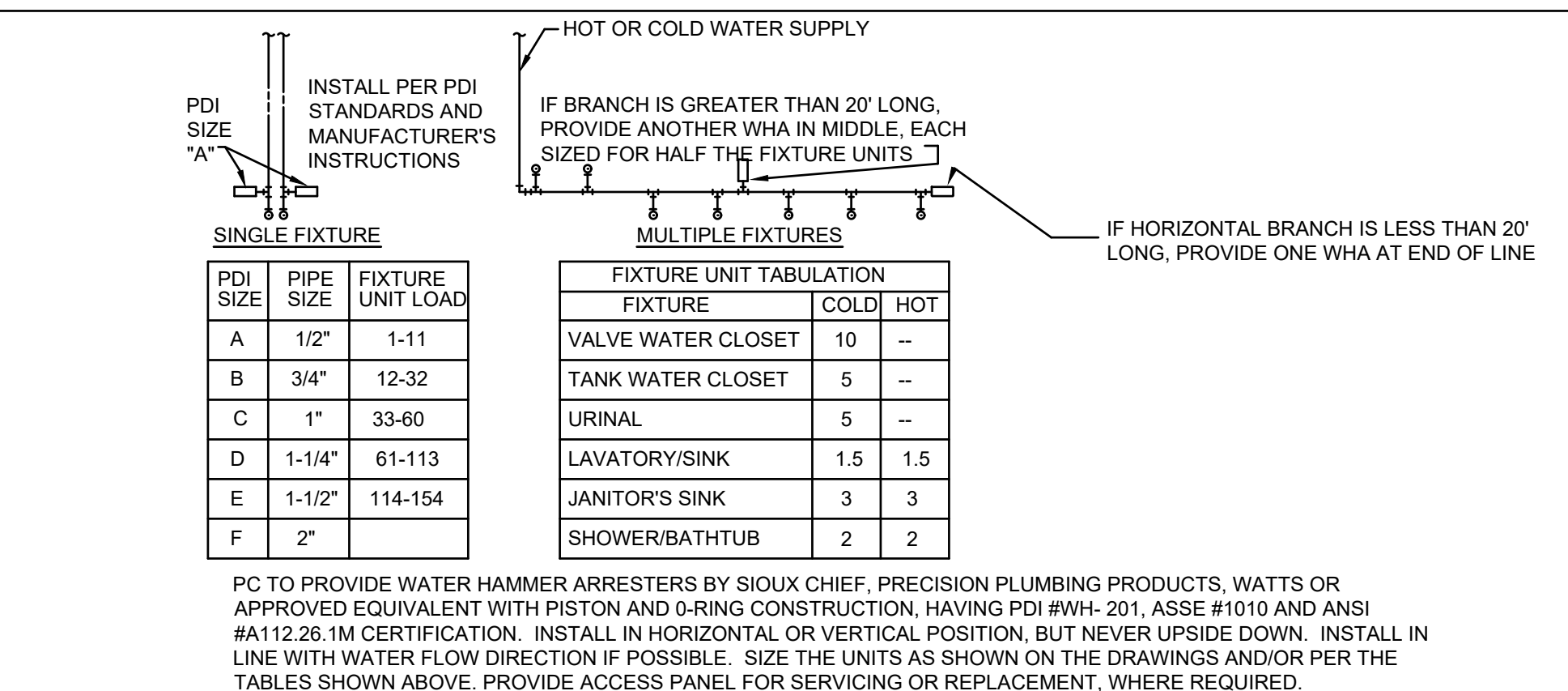
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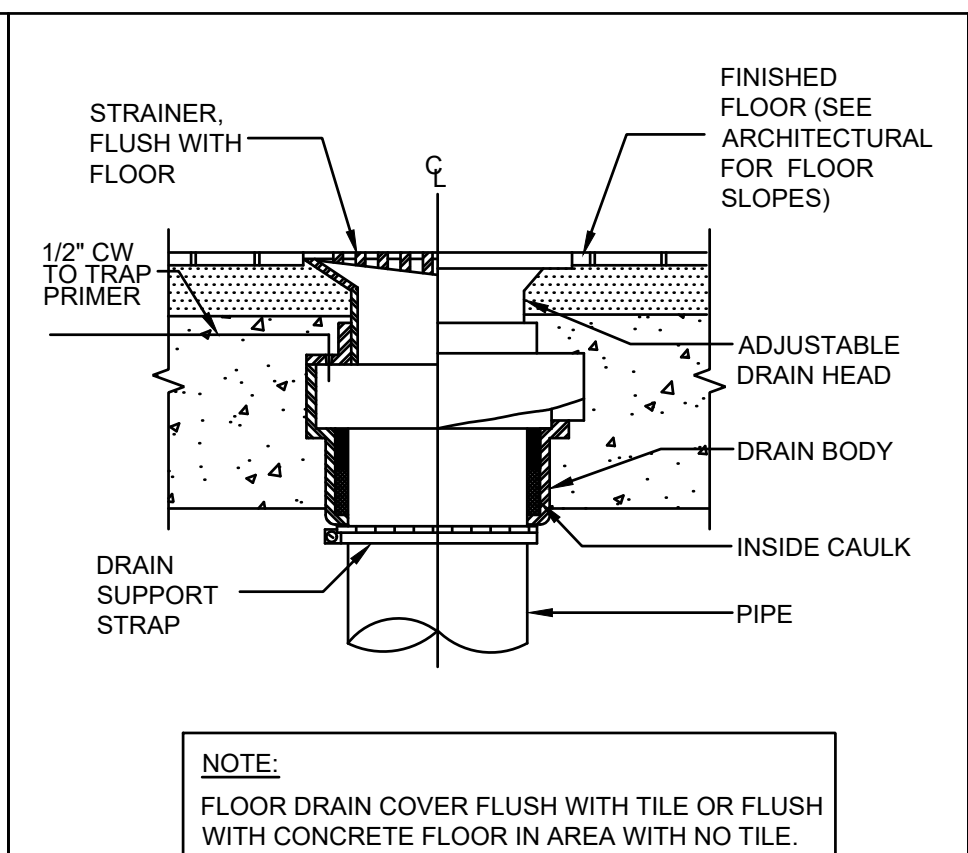
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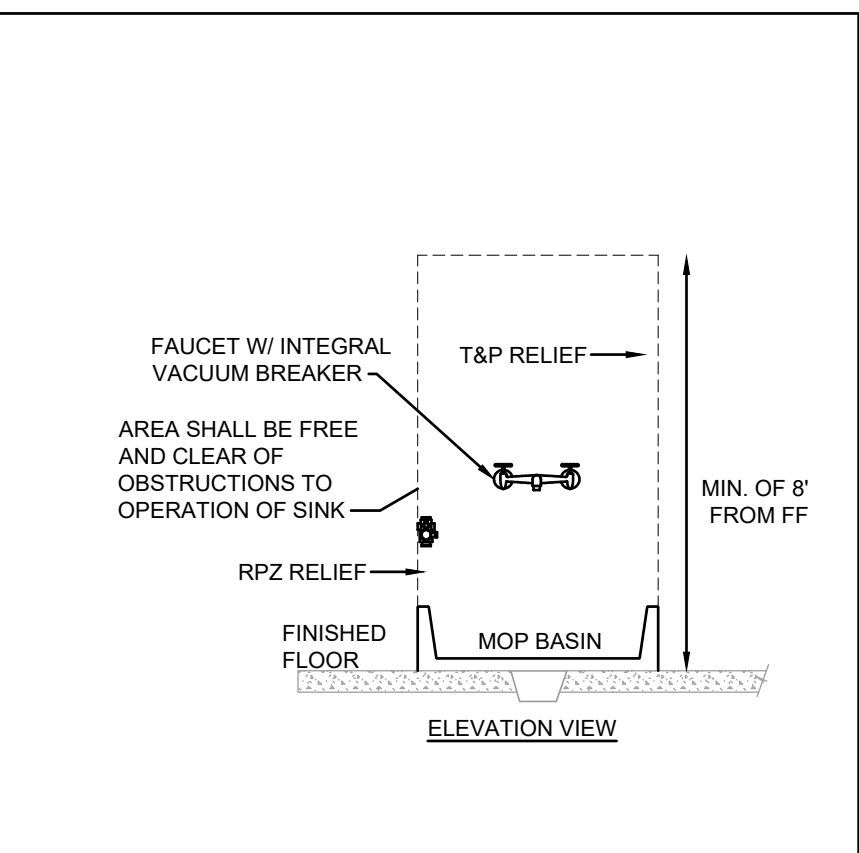
PIPE HANGER TRAPEZE FROM BAR JOIST DETAIL
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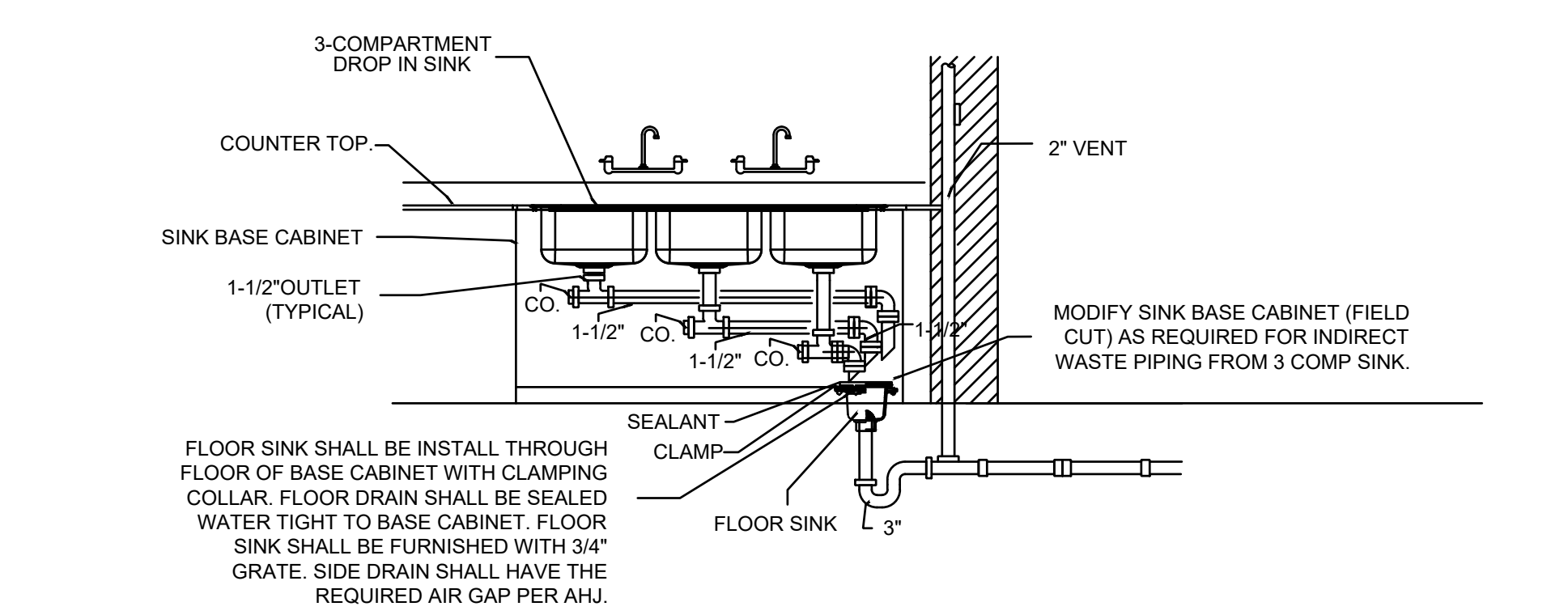
HAMMER ARRESTER DETAIL
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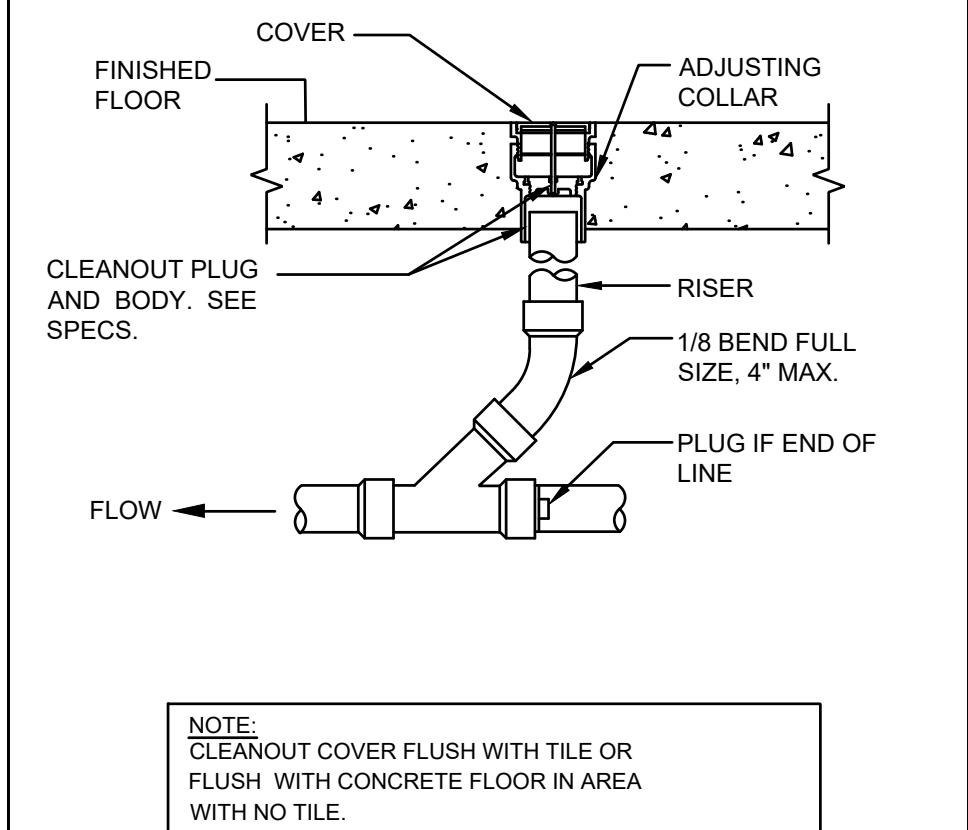
FLOOR DRAIN DETAIL
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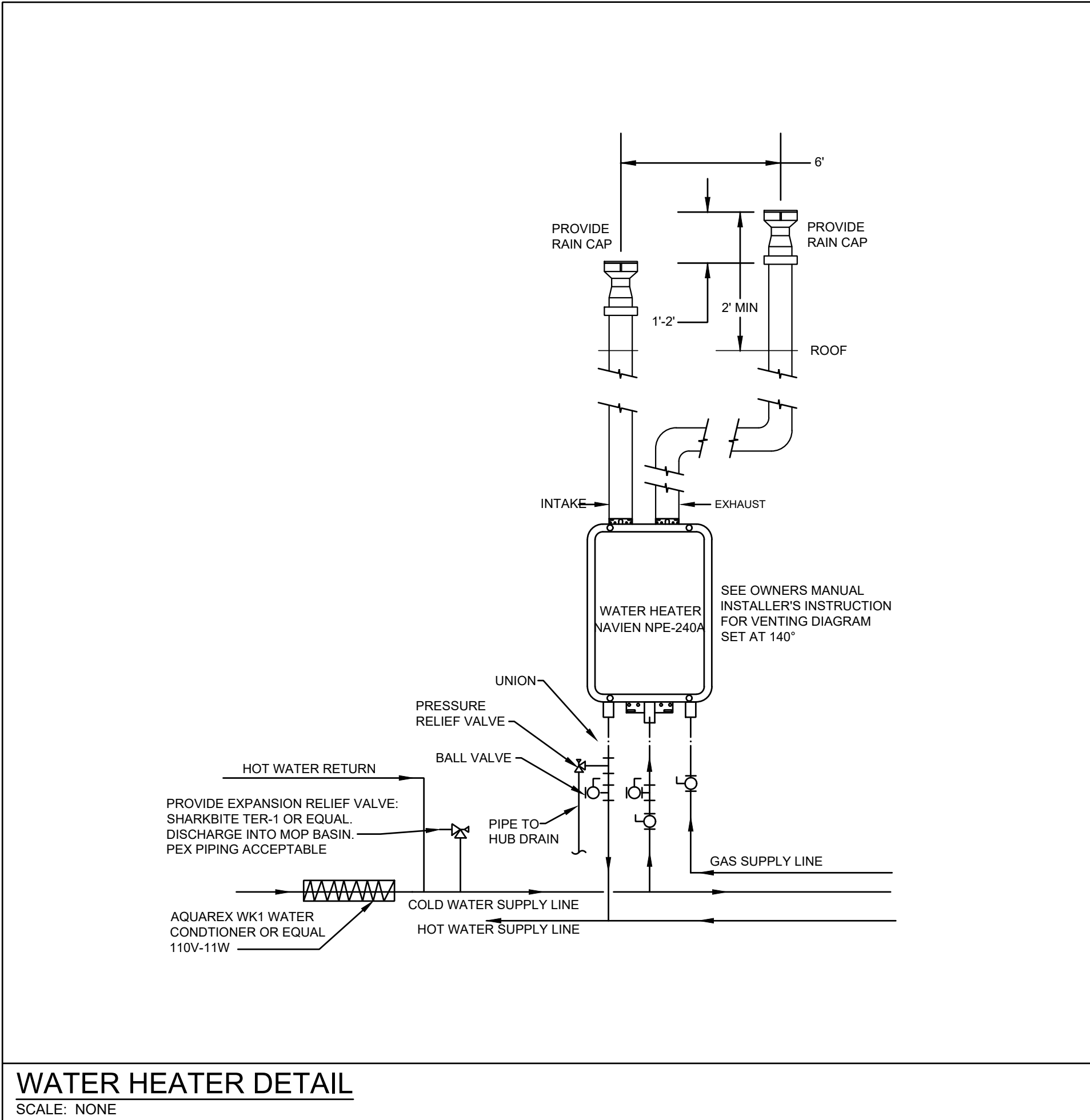
MOP SINK DETAIL
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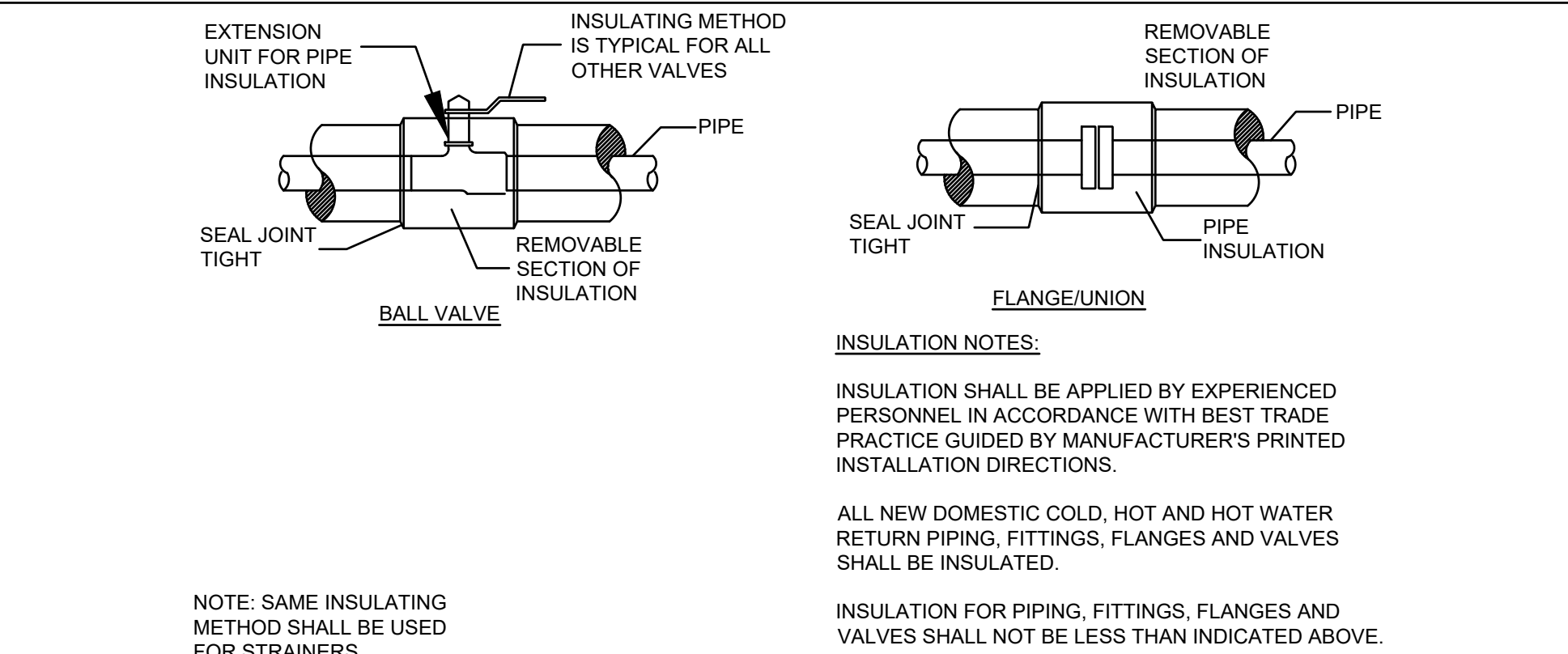
3 COMPARTMENT SINK INDIRECT CONNECTION DETAIL
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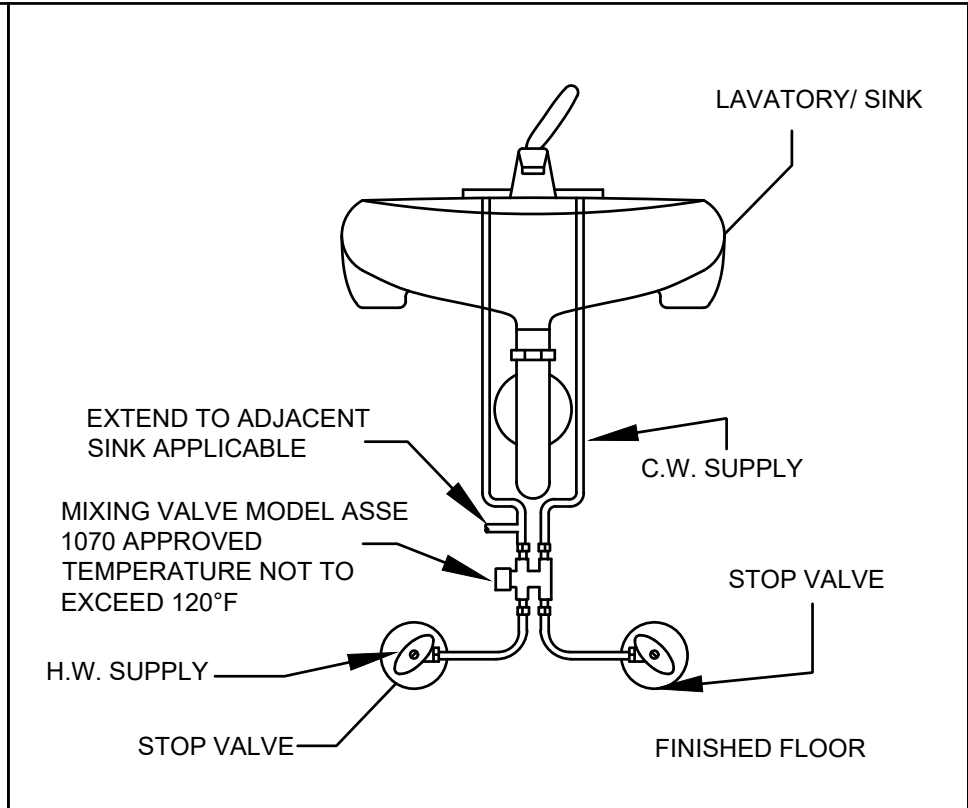
FLOOR CLEAN-OUT DETAIL
SCALE: NONE



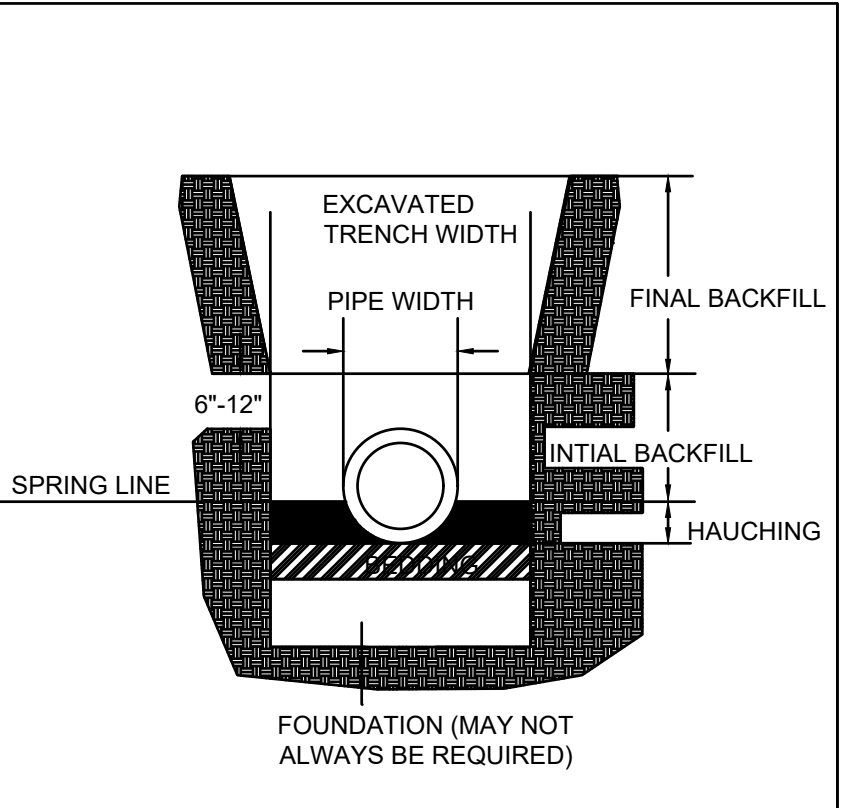
WATER HEATER DETAIL
SCALE: NONE



PIPE INSULATION DETAILS
SCALE: NONE



THERMOSTATIC MIXING VALVE DETAIL
SCALE: NONE



TRENCH & BACKFILL DETAIL
SCALE: NONE



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Description Date

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PLUMBING DETAILS

Project # 43426-M001

Issue Date 10/07/2026

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PLUMBING SPECIFICATIONS

1. GENERAL

THE "ARCHITECTURAL GENERAL CONDITIONS" GOVERN WORK UNDER THIS SECTION.

BEFORE SUBMITTING A PROPOSAL, THIS CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS. IT IS EXPRESSLY UNDERSTOOD THAT THIS PROPOSAL IS BASED ON THE ABOVE REQUIREMENTS AND THAT IT COVERS EVERYTHING NECESSARY TO DO AND COMPLETE THE WORK.

2. INSPECTION AND COOPERATION

NO DEVIATION FROM THE DRAWINGS AND /OR SPECIFICATIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF ARCHITECT OR ENGINEER. THIS CONTRACTOR SHALL COOPERATE WITH THE OTHER CONTRACTORS TO ALLOW FOR THE INSTALLATION OF THEIR WORK AS WELL AS HIS OWN.

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIS WORK FITTING IN PLACE WITHOUT CONFLICT WITH THE OTHER TRADES, WHERE PROPER PLANNING COULD AVOID INTERFERENCE.

3. CODES AND PERMITS

NOTHING IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE INTERPRETED TO CONFLICT WITH ANY CITY OR PROVINCIAL LAW, REGULATION, CODE, ORDINANCE, RULING, OR FIRE UNDERWRITER'S REQUIREMENT APPLICABLE TO THIS CLASS OF WORK.

SHOULD THE DRAWINGS AND/OR SPECIFICATIONS CONFLICT WITH SUCH LAWS OR ORDINANCES, THE CONFLICTING PORTION OF THE WORK SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH SUCH LAWS AND ORDINANCES WITHOUT EXTRA COST.

THIS CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED FOR THIS INSTALLATION OF HIS WORK IF REQUIRED BY MUNICIPALITY.

4. ACCURACY OF DATA

THE INFORMATION GIVEN HEREIN AND ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED, BUT ITS EXTREME ACCURACY IS NOT GUARANTEED. THIS CONTRACTOR SHALL EXAMINE THE LOCATIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS AND EXISTING PIPE SIZES BEFORE STARTING THE WORK AS ALL PIPING SYSTEMS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC ONLY.

THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSETS, RAISED AND DROPS IN PIPING AND DUCTWORK AS REQUIRED BY BUILDING CONDITIONS AT NO ADDITIONAL COST.

MECHANICAL DRAWINGS SHALL NOT BE USED FOR GENERAL CONSTRUCTION DIMENSIONS OR FOR TYPE OF MATERIAL USED. FOR EXACT BUILDING LAYOUT, DIMENSIONS AND BUILDING MATERIAL USED, THIS CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS.

5. SHOP DRAWINGS

SHOP OR INSTALLATION DRAWINGS, FOUNDATION PLANS, EQUIPMENT OR APPARATUS DRAWINGS SHALL BE FURNISHED BY THIS CONTRACTOR. THESE DRAWINGS SHALL BE CLEARLY MARKED INDICATING WHICH ITEMS ARE TO BE SUPPLIED AND SHALL STATE CAPACITIES, SIZES AND GENERAL DESCRIPTION OF ALL EQUIPMENT. ANY CHANGES FROM THE SPECIFIED ITEMS SHALL BE NOTED ON THE SUBMITTALS.

SHOP DRAWINGS OF SPECIAL APPARATUS OR EQUIPMENT WHICH IS TO BE FABRICATED INDIVIDUALLY FOR THIS PROJECT AND IS NOT DESCRIBED BY STANDARD MANUFACTURER'S DRAWINGS OR BULLETINS SHALL BE SUBMITTED FOR PROCESSING BEFORE FABRICATION.

THESE DRAWINGS SHALL BE SUBMITTED IN A TIMELY MANNER.

IT SHALL BE THIS CONTRACTORS RESPONSIBILITY TO MAINTAIN LIAISON WITH ALL PARTIES CONCERNED WITH THE MATERIAL SUBMITTED. THIS CONTRACTOR SHALL NOT PURCHASE ANY EQUIPMENT UNTIL SHOP DRAWINGS HAVE BEEN PROCESSED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FEES ACCRUED FROM THE RETURN OF FIXTURES PURCHASED PRIOR TO THE REVIEW OF SHOP DRAWINGS AND THAT ARE NOT APPROVED.

THIS CONTRACTOR SHALL SUBMIT NO DRAWINGS WITHOUT NOTATION INDICATING DATE OF CONTRACTORS REVIEW AND SIGNATURE OF CHECK FOR CONTRACTOR TOGETHER WITH CONTRACTORS NAME AND PROJECT IDENTIFICATION.

ARCHITECT'S PROCESSING WILL NOT CONSTITUTE A COMPLETE CHECK BUT WILL INDICATE ONLY THAT GENERAL METHOD OF CONSTRUCTION AND DETAILING IS SATISFACTORY.

ARCHITECT'S PROCESSING WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS SINCE THIS CONTRACTOR IS SOLELY RESPONSIBLE FOR DIMENSIONS AND DESIGNS OF ADEQUATE CONNECTIONS, DETAILS AND SATISFACTORY CONSTRUCTION OF ALL WORK, AS WELL AS FURNISHING MATERIALS AND WORKMANSHIP REQUIRED BY DRAWINGS AND SPECIFICATIONS WHICH MAY NOT BE INDICATED ON THE SUBMITTALS WHEN APPROVED.

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING ENGINEER REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT VOLTAGES AND DIMENSIONS TO BE CONFIRMED AND CORRELATED WITH ALL DISCIPLINES PRIOR TO PURCHASE; INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

6. SUBSTITUTIONS OF EQUIPMENT OR MATERIAL

THE BRAND NAMES OF EQUIPMENT OR MATERIALS SPECIFIED HEREIN SHALL ESTABLISH QUALITY, CAPACITY, TYPE AND DIMENSIONS TO BE INCLUDED IN THE BASE BID.

APPROVAL OF SUBSTITUTED ITEMS WILL BE BASED ON ABILITY AND CAPACITY TO PERFORM FUNCTION SERVED, QUALITY AND AVAILABILITY OF PARTS AND SERVICE, QUALITY OF EQUIPMENT, DELIVERY SCHEDULE, ETC. THE ARCHITECT SHALL REVIEW ALL SUCH REQUESTS BUT RESERVES THE SOLE RIGHT OF JUDGEMENT TO APPROVE OR REJECT THE PROPOSED SUBSTITUTIONS.

ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTIONS SHALL NOT CAUSE THE CONTRACTOR TO BE RESPONSIBLE FOR THE PROPOSED ELECTRICAL CONTROLS OR INSTALLATION REQUIRED BECAUSE OF THE SUBSTITUTION OR EQUIPMENT SHALL BE PAID FOR BY THIS CONTRACTOR PROPOSING THE SUBSTITUTION.

7. ERECTION OF APPARATUS

ALL WORK SHALL BE DONE UNDER THE PERSONAL SUPERVISION OF THIS CONTRACTOR WHO SHALL PROVIDE A COMPETENT FOREMAN TO LAY OUT ALL WORK. ALL WORK SHALL BE LAID OUT WITH DUE REGARD FOR THE SPACE REQUIREMENTS OF THE OTHER CONTRACTORS. THIS CONTRACTOR SHALL REPORT ANY CONFLICTS OR DIFFICULTIES IN REGARD TO THE INSTALLATION IMMEDIATELY.

WHERE CROWDED LOCATIONS EXIST OR WHERE THERE IS A POSSIBILITY OF CONFLICT BETWEEN TRADES, THIS CONTRACTOR SHALL MAKE COMPOSITE DRAWINGS SHOWING THE EXACT LOCATIONS OF PIPES, DUCT, CONDUIT AND EQUIPMENT. DRAWINGS SHALL BE BASED ON FIELD MEASUREMENTS AND AFTER CONSULTATION AND AGREEMENT BETWEEN THE TRADES, SHALL BE APPROVED BY ARCHITECT AND ENGINEER BEFORE INSTALLATION OF THE WORK.

EQUIPMENT OF A TYPE TO REQUIRE REPLACEMENT, SERVICING, ADJUSTING OR MAINTENANCE SHALL BE LOCATED TO ALLOW EASY ACCESS AND SPACE FOR REMOVAL OF INTERNAL ASSEMBLIES, IF REQUIRED.

8. EXCAVATION AND BACKFILL

THIS CONTRACTOR SHALL DO ALL EXCAVATION REQUIRED TO INSTALL PIPES AND EQUIPMENT SHOWN ON THE PLANS OR REQUIRED FOR PROPER OPERATION. EXCESS EXCAVATION BELOW THE REQUIRED LEVEL SHALL BE BACKFILLED WITH EARTH AND THOROUGHLY TAMPED. UTILITIES SERVICES ARE NOT TO BE INSPECTED AND APPROVED BY THE PROPER INSPECTION AUTHORITY BEFORE BACKFILLING.

INSTALL PLASTIC PIPE AND FITTINGS IN STRICT ACCORDANCE WITH THE INSTALLATION RECOMMENDATIONS OF THE PIPE AND FITTINGS MANUFACTURER. APPENDIX K OF ASTM D2265 (STORAGE AND INSTALLATION PROCEDURES FOR PLASTIC DRAIN, WASTE, AND VENT PIPING) AND FOR BURIED PIPE ASTM D2321 (STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS); SUCH INSTRUCTIONS SHALL INCLUDE BUT ARE NOT LIMITED TO CUTTING, SOLVENT CEMENTING AND PRIMING, JOINTS, CONNECTIONS, TRANSITIONS, ALIGNMENT AND GRADE, TRENCHING, BEDDING, BACKFILL AND COMPACTION, SUPPORTS AND SPACING AND ALLOWANCE FOR THERMAL EXPANSION.

CAST IRON PIPING TRENCHING SHALL BE IN ACCORDANCE TO THE CAST IRON SOIL PIPE AND FITTINGS HANDBOOK ISSUED BY THE CAST IRON SOIL PIPE INSTITUTE.

THE BOTTOM OF TRENCHES SHALL BE TAMPED HARD AN GRADED TO SECURE THE REQUIRED FILL. ROCK, WHERE ENCOUNTERED SHALL BE EXCAVATED TO A DEPTH OF SIX INCHES (6") BELOW THE BOTTOM OF THE PIPE, AND BEFORE THE PIPE IS LAID, THE SPACE BETWEEN BOTTOM PIPE AND ROCK SHALL BE FILLED WITH GRAVEL. IF TRENCHES ARE DEEPER THAN BOTTOM OF FLOORING OR CLOSER THAN THREE FEET (3') TO FOOTING THEY MUST BE FILLED WITH COHESIVE SOIL AND COMPACTED TO 95% OF MAXIMUM DENSITY, STANDARD PROCTOR, ASTM D-698. ALL OTHER EXCAVATIONS UNDER FLOOR SLABS COMPACTED TO 95% STANDARD PROCTOR.

WHEN EXCESS DIRT HAS BEEN REMOVED, THE TRENCH SHALL BE BROUGHT TO THE REQUIRED LEVEL WITH SAND AND GRAVEL FIRMLY COMPACTED.

TRENCHES AND EXCAVATION SHALL BE BACKFILLED IN 6" LAYERS OF EARTH, FREE FROM CLODS, AND STONES THOROUGHLY TAMPED TO A DEPTH OF 12" ABOVE THE PIPE. AFTER THAT DEPTH HAS BEEN REACHED, BACKFILLING SHALL BE DONE IN 12" LAYERS, THOROUGHLY TAMPED.

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO ANY DAMAGES OR SAGS TO THE PIPING SYSTEMS THAT OCCUR FROM THE IMPROPER EXCAVATION AND BACKFILL METHODS.

9. EQUIPMENT SUPPORTS

ANY STRUCTURAL STEEL MEMBERS REQUIRED TO ADAPT THE EQUIPMENT AND PIPING AS FURNISHED BY THIS CONTRACTOR, TO THE BUILDING STEEL OR STRUCTURE, SHALL BE INCLUDED IN THE BID OF THE CONTRACTOR FURNISHING THE EQUIPMENT OR PIPING. HANGING OF ALL EQUIPMENT AND REQUIRED SUPPORTING STEEL AND BRACING SHALL BE FURNISHED BY THE CONTRACTOR WHO SUPPLIES THE EQUIPMENT.

10. CUTTING AND PATCHING

THIS CONTRACTOR SHALL INCLUDE ALL CUTTING, PATCHING AND PAINTING OF PATCHED AREAS REQUIRED FOR AND RESULTING FROM THE INSTALLATION OF ALL OF THIS CONTRACTOR'S WORK, EXCEPT WHERE NOTED OTHERWISE.

ALL OPENINGS AROUND PIPE PENETRATIONS THROUGH SMOKE OR FIRE-RATED FLOORS, CEILINGS OR WALLS SHALL BE SEALED AIRTIGHT WITH MATERIAL HAVING A RATING EQUAL TO THE MATERIAL OF THE WALL, CEILING AND/OR FLOOR PENETRATION.

ALL PATCHING SHALL BE NEATLY FINISHED TO THE SATISFACTION OF THE ARCHITECT.

11. ACCESS PANELS

THIS CONTRACTOR SHALL LOCATE AND FURNISH FOR INSTALLATION BY THE GENERAL CONTRACTOR, ALL ACCESS PANELS AS REQUIRED FOR ACCESS TO IMPROVE OR INSTALLATION OF EQUIPMENT AND LINES INSTALLED UNDER THE CONTRACT.

ALL PANELS SHALL BE MILCOR, STYLE "M" FOR MASONRY, "A" FOR ADJUSTABLE TILE AND "K" FOR PLASTER, EXCEPT FOR FIRE-RATED UL 1-1/2 HOUR AND "B" LABEL ACCESS PANELS SHALL BE FURNISHED IN FIRE-RATED WALLS AND CEILINGS AS INDICATED ON THE DRAWINGS. ACCESS DOORS SHALL BE 12" X 12" MINIMUM SIZE FOR VALVES.

12. DIELECTRIC UNIONS

FOR THE PREVENTION OF ELECTROLYTIC CORROSION AT CONNECTIONS BETWEEN PIPE OF DISSIMILAR METALS OR BETWEEN PIPE AND EQUIPMENT CONNECTIONS OF DISSIMILAR METALS, PROVIDE DIELECTRIC UNIONS OR FLANGES.

13. MOTORS, STARTERS AND DISCONNECTS

UNLESS SPECIFIED TO BE FURNISHED WITH EQUIPMENT, ALL MOTOR STARTERS AND DISCONNECT SWITCHES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

14. JOINTS AND FITTINGS

THREADS ON SCREWED PIPE SHALL BE STANDARD, CLEAN BUTT AND TAPERED. PIPE SHALL BE REAMED OF BURRS AND KEPT CLEAN OF SCALE, DIRT AND SHAVINGS. TREADS SHALL BE MADE WITH FLAKED GRAPHITE AND LUBRICATING OIL OR APPROVED PIPE COMPOUND ON THE MALE THREAD ONLY.

COPPER-TO-STEEL AND COPPER-TO-BRASS JOINTS SHALL BE MADE WITH SILVER SOLDER. ALL OTHER COPPER-TO-COPPER JOINTS ABOVE GROUND SHALL BE MADE WITH LEAD FREE SOLDER. COPPER PIPE SHALL BE CUT SQUARE, BURRS REMOVED AND CARE SHALL BE GIVEN TO KEEP THE LINES FREE OF DIRT AND MOISTURE. ALL TUBING AND FITTINGS SHALL BE THOROUGHLY CLEANED.

WELDED PIPE SHALL HAVE BUTT WELDED SINGLE "V" TYPE JOINTS FOR WHICH PIPE HAS BEEN BEVELED TO 45 DEGREES. WELD SHALL BE ONE-FOURTH GREATER THICKNESS THAN THE PIPE. CONNECTIONS TO EQUIPMENT, ACCESSORIES, ETC. SHALL BE MADE BY MEANS OF FLANGES AND/OR ADAPTERS.

UNIONS SHALL BE PROVIDED AT EACH SCREWED VALVE AND UNIONS OR FLANGES AT EACH EQUIPMENT CONNECTION.

15. EXPANSION JOINTS

FURNISH AND INSTALL FLEXONICS EXPANSION JOINTS IN PIPING SYSTEM WHERE SHOWN OR NECESSARY FOR EXPANSION AND CONTRACTION.

EXPANSION JOINTS IN PIPE 4" AND GREATER SHALL BE THE PACKLESS TYPE WITH STAINLESS STEEL BELLOWS AND HAVE WELDED END. FLANGED END JOINTS SHALL HAVE TRAVERSE AS INDICATED ON THE PLANS. EXPANSION JOINTS SHALL BE OF THE CONTROLLED FLEXING TYPE.

EXPANSION JOINTS IN COPPER PIPE UNDER 4" IN SIZE SHALL BE OF THE COMPENSATOR TYPE CONSTRUCTED OF TWO-PLY STAINLESS STEEL BELLOWS AND CARBON STEEL SHROUDS AND END FITTINGS, INTERNAL GUIDES AND ANTI-TORQUE DEVICES.

EXPANSION JOINTS IN STEEL PIPE UNDER 4" IN SIZE SHALL BE OF THE COMPENSATOR TYPE CONSTRUCTED OF TWO-PLY STAINLESS STEEL ELBOWS AND CARBON STEEL SHROUDS AND END FITTINGS, INTERNAL GUIDES AND ANTI-TORQUE DEVICES.

PROVIDE GUIDES ON EACH SIDE OF EXPANSION JOINT, AT 4 PIPE DIAMETERS, 14 PIPE DIAMETERS, AND A THIRD GUIDE AS RECOMMENDED BY THE MANUFACTURER.

16. PIPE FLEXIBLE CONNECTIONS

FLEXIBLE PIPE CONNECTIONS SHALL BE RESISTOFLEX #R6904 OR APPROVED EQUAL FLEXIBLE CONNECTIONS MADE FROM TEFLON.

PROVIDE FOR MOVEMENT IN PIPING BY USE OF SWING JOINTS AT CONNECTION OF ALL BRANCHES TO MAINS AND RISERS. ALL BRANCHES

FROM MAINS AND RISERS SHALL HAVE 1/4" CLEARANCE BETWEEN PIPE INSULATION AND SLEEVE TO PERMIT PIPE MOVEMENT.

17. VALVES

THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL VALVES OF ONE INCHES SHALL BE INSPECTED AND APPROVED BY THE PROPER INSPECTION AUTHORITY BEFORE BACKFILLING.

ALL VALVES SHALL BE BUILT FOR A MINIMUM OF 125 PSIG WORKING PRESSURE.

ISOLATION VALVES SHALL BE PROVIDED ON ALL INDIVIDUAL FIXTURES AND FIXTURE GROUPS.

CHECK VALVES 2-1/2" AND SMALLER SHALL BE #36 (SCREWED ENDS) OR #1342 (SOLDER-JOINT ENDS) SWING-TYPE WITH BRONZE BODY AND BRONZE TRIM.

BUTTERFLY VALVES 2" AND LARGER SHALL BE #12F, IRON BODY, CAST-IRON WAFER W/LOCK LEVER.

BALL VALVE UP TO 3" IN SIZE SHALL BE APOLLO SERIES #70 BRONZE VALVE WITH CHROME-PLATED BALL AND TEFLON SEAT.

GAS LINE COCKS UP TO 4" SHALL BE #320, 1/2 PSI FOR INDOOR APPLIANCE AND ROOF GAS VALVES SHALL BE #320, 1/2 PSI FOR INDOOR APPLIANCE. INDOOR SHUTOFF SHALL CONFORM TO CGA 91-002 AND ASME B16.44

HOSE END VALVES SHALL BE #438 GATE VALVES WITH HOSE END NIPPLES.

18. PIPE SLEEVES AND COLLARS

THIS CONTRACTOR SHALL LAY OUT ALL HIS WORK AND SET SLEEVES IN NEW CONSTRUCTION AS CONCRETE FORMS AND WALLS ARE ERECTED SO AS TO BE ABLE TO INSTALL HIS WORK WITHOUT CUTTING OR BREAKING OF FLOORS OR WALLS. ALL SLEEVES FOR INSULATED PIPING SHALL BE LARGE ENOUGH TO ALLOW INSULATION TO PASS THROUGH SLEEVE.

ALL SLEEVES PASSING THROUGH FLOORS WHICH ARE WATERPROOFED SHALL BE COPPER TUBING SLEEVES EXTENDING 1" ABOVE FINISHED FLOOR. ALL OTHER SLEEVES SHALL BE 24 GAUGE GALVANIZED PIPES AND SLEEVES TO BE THOROUGHLY PACKED WITH WATERPROOF SEALANT AND THE REMAINING SPACE FILLED WITH MASTIC AND MUST BE WATERTIGHT.

ALL SLEEVES PASSING THROUGH INNER WALLS SHALL BE STANDARD PIPE THIMBLES EQUAL TO THE THICKNESS OF THE WALL.

SPACES BETWEEN PIPES AND SLEEVES THROUGH OUTSIDE WALLS, ABOVE GRADE, SHALL BE CAULKED WITH CAULKING COMPOUND, THOSE BELOW GRADE SHALL BE MADE WATERTIGHT.

SPACE AROUND ALL PIPING THROUGH FIRE OR SMOKE RATED PARTITIONS OR FLOORS SHALL BE SEALED AIRTIGHT WITH MATERIALS OR EQUIPMENT AS SPECIFIED UNDER FIRES TOPPING.

ALL PIPE PENETRATIONS OF SLABS ON GRADE SHALL BE WRAPPED WITH #15 BUILDING FELTS OR FOAM WRAP.

19. HANGERS

- PIPE HANGER AND SUPPORT PRODUCTS INSTALLATION
 - VERTICAL PIPING: MSS TYPE 8 OR 42 CALMPS
 - INDIVIDUAL STRAIGHT, HORIZONTAL PIPING RUNS: 100 FEET AND LESS: MSS TYPE 1, ADJUSTABLE, STEEL, CLEVIS HANGERS, LONGER THAN 100 FEET: MSS TYPE 43, ADJUSTABLE ROLLER HANGERS, LONGER THAN 100 FEET IF INDICATED: MSS TYPE 46, SPRING CUSHION ROLLS
 - MULTIPLE STRAIGHT, HORIZONTAL PIPING RUNS: 100 FEET OR LONGER: MSS TYPE 44, PIPE ROLLS, SUPPORT PIPE ROLLS ON TRAPEZE.
 - BASE OF VERTICAL PIPING: MSS TYPE 52, SPRING HANGERS.
- SUPPORT VERTICAL PIPING AND TUBING AT BASE AND AT EACH FLOOR.
- ROD DIAMETER MAY BE REDUCED ONE SIZE FOR DOUBLE-ROD HANGERS, TO A MINIMUM OF 3/8 INCH
- INSTALL HANGERS FOR ALL PIPING PER MSS SP-69, MANUFACTURERS' MANUALS AND AS PER HANGER SUPPORT DETAIL ON DRAWINGS
- INSTALL SUPPORTS FOR VERTICAL COPPER TUBING EVERY 10 FEET.
- INSTALL SUPPORTS FOR VERTICAL STEEL PIPING EVERY 15 FEET.
- SUPPORT PIPING AND TUBING NOT LISTED IN THIS ARTICLE ACCORDING TO MSS SP-69 AND MANUFACTURER'S WRITTEN INSTRUCTIONS.

20. DAMAGE BY LEAKS

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO THE GROUNDS, WALKS, ROADS, ALL BUILDING COMPONENTS AND FINISHES, INCLUDING ELECTRICAL SYSTEMS AND THEIR EQUIPMENT AND CONTENT, CAUSED BY LEAKS IN THE PIPING SYSTEMS BEING INSTALLED OR HAVING BEEN INSTALLED HEREIN. ALL REPAIRS WILL BE MADE AT THIS CONTRACTOR'S EXPENSE.

21. PIPE MARKERS

FURNISH AND INSTALL BRADY #B-350 THIN FILM OR APPROVED EQUAL PIPE MARKERS. MARKERS SHALL BE 1-1/8" HIGH FOR PIPES 3" AND UNDER AND 2-1/4" HIGH FOR PIPES OVER 3". MARKERS SHALL INDICATE TYPE OF SERVICE AND DIRECTION OF FLOW.

PIPE MARKERS SHALL BE LOCATED:

- AT EQUIPMENT CONNECTIONS
- AT ACCESS DOORS
- AT BRANCH MAINS
- ON ALL ACCESSIBLE PIPE A MAXIMUM OF 75' BETWEEN MARKERS.
- AT ALL PENETRATIONS ON EITHER SIDE OF PENETRATION

22. FLOOR, WALL AND CEILING PLATES

PIPES PASSING THROUGH FLOORS AND FINISHED CEILINGS, FITTED WITH CHROME- PLATED PLATES OR ESCUTCHEONS LARGE ENOUGH TO COMPLETELY CLOSE OPENING AROUND PIPE OR PIPE COVERING AND FLOOR SUPPORT IN THE CASE OF VERTICAL PIPING, SECURELY HELD IN PLACE; CAULK WATERTIGHT AROUND PIPE IN UNFINISHED ROOMS.

23. FIRE STOPPING

THE PENETRATIONS OF FIRE AND/OR SMOKE RATED WALLS OR FLOORS SHALL BE PROTECTED BY A UL APPROVED MATERIAL TO RETAIN THE INTEGRITY OF THE TIME-RATED CONSTRUCTION BY MAINTAINING AS EFFECTIVE BARRIER AGAINST THE SPREAD OF FLAME, SMOKE AND GASES. IT SHALL BE USED IN ALL ANY CHANGES, CONDUIT AND PIPING PENETRATIONS THROUGH FLOOR SLABS AND TIME-RATED WALLS, AND/OR FLOORS. THE RATING OF THE FIRESTOPPING SHALL EQUAL THE RATING OF THE TIME-RATED ASSEMBLY.

FIRESTOPPING MATERIAL SHALL BE 3M FIRE BARRIER SEALING SYSTEM OF APPROVED EQUAL. FIRESTOPPING MATERIAL SHALL CONSTITUTE ONE OR MORE OF THE FOLLOWING PRODUCTS:

- CAULK: CP-25
- PUTTY: 4630
- WRAP/STRIP: FS195
- COMPOSITE SHEET: CS195
- PENETRATING SEALING SYSTEMS: 7900 SERIES

INSTALLATION OF FIRESTOPPING SHALL BE INSTALLED IN ACCORDANCE WITH AND IN STRICT CONFORMITY WITH MANUFACTURERS' PRINTED INSTRUCTIONS AS TO SURFACE PREPARATION, INSTALLATION AND QUALITY CONTROL. AREAS OF WORK SHALL REMAIN ACCESSIBLE UNTIL INSPECTION AND APPROVAL BY THE APPLICABLE CODE AUTHORITIES.

ON INSULATED PIPES, THE FIRE-RATING CLASSIFICATION SHALL NOT REQUIRE REMOVAL OF THE INSULATION.

QUALITY ASSURANCE:

SUBMANUFACTURER'S PRODUCT DATA, LETTER OF CERTIFICATION OR CERTIFIED LABORATORY TEST REPORT THAT THE MATERIAL OR COMBINATION OF MATERIALS MEET THE REQUIREMENTS SPECIFIED IN ASTM

E814 AND ARE SO CLASSIFIED IN UL'S BUILDING MATERIALS DIRECTORY. MATERIALS SHALL MEET AND BE ACCEPTABLE FOR USE BY ALL MODEL BUILDING CODES. MATERIALS SHALL MEET THE REQUIREMENTS OF NFPA-M61- LIFE SAFETY CODE AND NFPA 70 NATIONAL ELECTRICAL CODE.

SUBMITTALS:

SUBMIT SHOP DRAWINGS, PRODUCT DATA, CERTIFICATES AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUBMIT MANUFACTURER'S PRODUCT DATA FOR ALL MATERIALS AND PREFABRICATED DEVICES, PROVIDING DESCRIPTIONS SUFFICIENT FOR IDENTIFICATION AT THE JOB SITE. INCLUDE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

SUBMIT SHOP DRAWINGS SHOWING PROPOSED MATERIAL, REINFORCEMENT, ANCHORAGE, FASTENINGS, AND METHOD OF INSTALLATION. CONSTRUCTION DETAILS SHALL ACCURATELY REFLECT ACTUAL JOB CONDITIONS.

24. CLEANUP AND ADJUSTMENT

ALL PARTS WORK LEFT CLEAN: EQUIPMENT, FIXTURES, VALVES, PIPES AND FITTINGS CLEANED OF GREASE AND METAL CUTTINGS. ANY DISCOLORATION OR OTHER DAMAGE TO PORTIONS OF BUILDING, ITS FINISH OR FURNISHING DUE TO THIS CONTRACTORS FAILURE TO PROPERLY CLEAN INTERIOR OF PIPING, REPAIRED AT THIS CONTRACTOR'S EXPENSE. ALL AUTOMATIC CONTROL DEVICES ADJUSTED FOR PROPER OPERATION. ALL SURPLUS MATERIALS AND ANY RUBBISH REMOVED AS IT ACCUMULATES. ALL EQUIPMENT LEFT IN SAFE, PROPER OPERATING CONDITION.

DAMAGE TO ANY PORTIONS MUST BE REPAIRED OF THE PART REPLACED BY THIS CONTRACTOR AND ALL PARTS LEFT WITHOUT DENTS, SCRATCHES, THROUGH THE FINISH PAINT, LOOSE PLASTER, STAINS OR OTHER BLEMISHES.

25. PIPE TESTING AND START-UP

ALL PIPING TO BE TESTED IN ACCORDANCE WITH THE FOLLOWING:

- WATER - 100 PSI WATER PRESSURE
- ALL TESTING MUST HOLD FOR AT LEAST 24 HOURS WITHOUT LOSS OF PRESSURE OR VACUUM. ALL CONCEALED PIPING SHALL BE TESTED IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE PRIOR TO COVERING. BEFORE STARTING ANY SYSTEM ALL EQUIPMENT SHALL BE LUBRICATED PER MANUFACTURERS' REQUIREMENTS BY THIS CONTRACTOR. TEST ENTIRE BUILDING SYSTEMS UNDER FULL LOAD CONDITIONS FOR A PERIOD OF NOT LESS THAN ONE (1) WEEK DURING WHICH TIME THE OPERATING PERSONNEL SHALL BE FULLY INSTRUCTED IN THE OPERATION AND MAINTENANCE OF THE RESTAURANT. AFTER THE RESTAURANT IS IN FULL OPERATION, THIS CONTRACTOR IS TO FURNISH WHATEVER ADDITIONAL SERVICE IS REQUIRED TO RECALIBRATE AND RESET CONTROLS, VALVES, BALANCING COCKS, ETC. TO ENSURE PROPER OPERATION OF THIS SYSTEM.

21. TESTING AND BALANCING

THIS CONTRACTOR SHALL AT THE TIME OF INSTALLATION ENSURE THAT ALL DEVICES TO COMPLETE TESTING AND BALANCING AS DIRECTED HEREIN ARE FURNISHED AND INSTALLED DURING FABRICATION AND INSTALLATION OF WORK. THIS WORK SHALL BE PERFORMED PRIOR TO TURNOVER TO BUILDING OCCUPANT AND WITH AMPLE TIME TO MAKE ANY NECESSARY REPAIRS OR CHANGES TO ACHIEVE A PROPERLY OPERATING SYSTEM. ALL TESTING AND BALANCING WILL BE DONE AT THE CONTRACTOR AND OWNERS DISCRETION.

27. SEISMIC RESTRAINTS ON MECHANICAL EQUIPMENT

ALL PLUMBING EQUIPMENT SHALL BE PROVIDED WITH SEISMIC RESTRAINING SERVICES AS REQUIRED BY LOCAL BUILDING CODES. CONTRACTOR SHALL HAVE LOCAL BUILDING OFFICE REVIEW EACH PIECE OF EQUIPMENT WHEN INSTALLED AND THE CONTRACTOR SHALL INSTALL ALL REQUIRED TIE DOWN, ANCHORS, STRAPS OR OTHER DEVICES REQUIRED.

28. GUARANTEE

THIS CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, MATERIALS, AND LABOR FURNISHED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AND SHALL REPAIR OR REPLACE ANY EQUIPMENT OR MATERIAL WHICH IS DEFECTIVE OR IMPROPERLY INSTALLED. IN ADDITION, THIS CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE TO THE BUILDINGS AND ITS CONTENTS OR OTHER EQUIPMENT, CAUSED BY DEFECTS OR VALVES, AND THE PROPER SERVICING OF EQUIPMENT AND LINES INSTALLED UNDER THIS SECTION OF THE SPECIFICATIONS.

29. TEMPORARY WATER

TEMPORARY WATER SERVICE (IF REQUIRED) TO THE BUILDING SHALL BE PROVIDED BY THIS CONTRACTOR TO THE BUILDING FOR CONSTRUCTION PURPOSES. THIS CONTRACTOR TO MAINTAIN WATER SERVICE AS REQUIRED DURING CONSTRUCTION.

30. DOMESTIC WATER SERVICE

THIS CONTRACTOR SHALL COORDINATE EXACT AVAILABLE DELIVERY PRESSURE AND PROVIDE ALTERNATE FEE FOR A PRESSURE BOOSTING SYSTEM IF PRESSURE IS LESS THAN THAT REQUIRED. PROVIDE PRESSURE REDUCING VALVE WITH STRAINER IN SERVICE LINE IF REQUIRED BY LOCAL CODES OR PRESSURE IS ABOVE 80 PSI.

JOINTS SHALL BE CLEANED AND DEBURRED AS RECOMMENDED BY THE MANUFACTURER AND FEDERAL, STATE, AND LOCAL CODES AND PRESS FITTINGS ARE AN ACCEPTABLE IF ALLOWED BY LOCAL A/HJ. WHERE PRESS FITTING S ARE NOT ALLOWED SOLDERED AS LISTED BELOW. FLUX SHALL BE NON-CORROSIVE. VITCULCIC GROUVED COUPLINGS ARE ACCEPTABLE ALTERNATE IF ALLOWED BY LOCAL A/HJ.

ABOVE GRADE - WHERE FITTINGS ARE SOLDERED BOTH FITTINGS AND TUBING SHALL BE CLEANED AS DESCRIBED ABOVE. UNDER NO CIRCUMSTANCES SHALL DISSIMILAR METALS COME INTO DIRECT CONTACT WITH COPPER TUBING; E.G., GALVANIZED STRAPPING, HANGERS, OR CLAMPS TO SECURE THE TUBING.

BELOW GRADE, OR FLOOR SLAB ON EARTH OR STONE FILL - HIGH TEMPERATURE, SOLDER, 1200 DEG. F OR GREATER MELTING POINT.

NOTE: WATER PIPE TO BE PROPERLY SECURED AND ALIGNED SO AS NOT TO EXERT VERTICAL OR HORIZONTAL STRESSES ON THE SEATING OF THE MATING (MALE AND FEMALE) SURFACES OF THE UNIONS.

MATERIALS - UNDERGROUND: TYPE "K" COPPER TUBE, SOFT TEMPER MATERIALS - ABOVEGROUND: TYPE "L" COPPER TUBE, HARD DRAWN. VIEGA, PROGRESS COPPER 1/2-INCH THROUGH 4-INCH WITH EPDM SEALING ELEMENT AND/OR VIEGA, PROGRESS 3/4 OR 3/8" STAINLESS 1/2-INCH THROUGH 4-INCH WITH EPDM OR FKM SEALING ELEMENT IS ACCEPTABLE IF ALLOWED BY LOCAL CODE

31. STERILIZATION OF DOMESTIC WATER SYSTEM

THE ENTIRE DOMESTIC WATER DISTRIBUTION SYSTEM SHALL BE FLUSHED CLEAR OF ANY DEBRIS AND THOROUGHLY STERILIZED WITH A SOLUTION CONTAINING NOT LESS THAN 100 PARTS PER MILLION OF AVAILABLE CHLORINE. THE SOLUTION SHALL REMAIN IN THE SYSTEM FOR TWO (2) HOURS. DURING THIS TIME, ALL VALVES AND FAUCETS SHALL BE OPENED AND CLOSED SEVERAL TIMES. AFTER STERILIZATION, THE SOLUTION SHALL BE FLUSHED FROM THE SYSTEM WITH CLEAN WATER UNTIL THE RESIDUE CHLORINE CONTENT IS NOT GREATER THAN THE CHLORINE LEVEL OF THE AVAILABLE WATER SUPPLY.

STERILIZATION SHALL BE PERFORMED PRIOR TO TURNOVER TO OCCUPANT AS TO NOT ALLOW FOR THE WATER SYSTEM TO REMAIN STAGNANT FOR LONGER THAN 24 HOURS.

THIS CONTRACTOR SHALL HAVE THE WATER TESTED AND APPROVED BY THE HEALTH DEPARTMENT.

32. SANITARY SEWERS

THIS CONTRACTOR SHALL CONNECT SANITARY SEWER AS INDICATED ON THE DRAWINGS. VERIFY DIRECTION OF FLOW PRIOR TO ANY ROUGH-IN WORK.

EACH PIPE SHALL BE LAID TO THE LINE AND GRADE INDICATED ON THE PLANS AND SUCH A MANNER AS TO FORM A CLOSE CONCENTRIC JOINT WITH THE ADJOINING PIPE AND TO PRESENT OFFSETS IN FLOW LINE. ALL PIPE SHALL BE LAID WITH THE BELLS UPHILL.

THE SUB-GRADES SHALL BE KEPT FREE FROM WATER WHILE PIPES ARE

BEING LAID. ALL PIPE SHALL BE LAID WITH ENDS ABUTTING AND TRUE TO LINE AND GRADE. THEY SHALL BE FITTED AND MATCHED SO THAT THEY WILL FORM A SEWER WITH A SMOOTH AND UNIFORM INVERT.

EACH JOINT SHALL BE CLEANED AS IT IS LAID AND ALL BELLS SHALL BE CLEANED BEFORE PIPES ARE JOINED.

PVC SEWER PIPE MAY BE USED IN LIEU OF THAT SPECIFIED ABOVE IF ALLOWED BY LOCAL CODES.

ABS AND FOAM CORE PVC ARE NOT ACCEPTABLE MATERIALS.

SDR 35 IS NOT ACCEPTABLE FOR UNDER BUILDING USE.

22. WASTE, SOIL, DRAIN AND VENT PIPING

THE DRAINS, SOIL WASTE AND VENT PIPE AND FITTINGS INCLUDING EXTENSIONS TO SEWERS SHALL BE OF THE SIZES INDICATED ON THE DRAWINGS. PIPE AND FITTINGS TO BE, CYLINDRICAL AND FREE FROM CRACKS OR OTHER DEFECTS.

ALL TRENCHES TO BE DUG WITH GRADUAL FALL, THE PIPING TO BE STRAIGHT AND FREE FROM ANY SAGS.

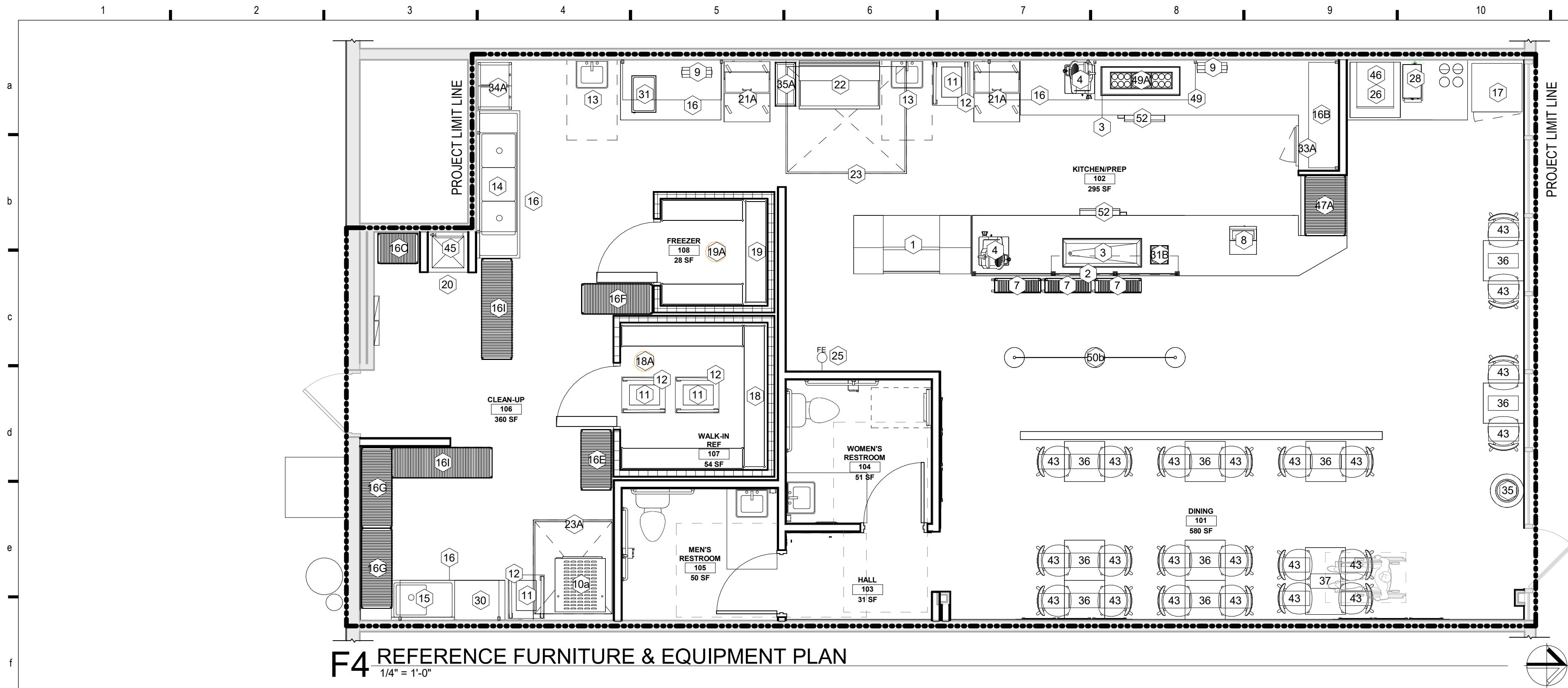
THE ARRANGEMENT OF THE SYSTEM SHALL BE AS SHOWN ON THE DRAWINGS AND AS DIRECT AS POSSIBLE, AVOIDING ALL UNNECESSARY OFFSETS. THE STACKS SHALL BE FIRMLY SECURED IN POSITION WITH WROUGHT IRON CLAMPS AT EACH FLOOR.

ALL CHANGES IN DIRECTION OF SOIL OR WASTE PIPE SHALL BE MADE BY MEANS OF "Y" BRANCHES AND 1/8 BENDS. NINETY DEGREE SHORT TURN FITTINGS WILL NOT BE PERMITTED EXCEPT TO INDIVIDUAL FIXTURE CONNECTIONS OR WHERE THE FLOW IS FROM THE HORIZONTAL TO THE VERTICAL.

SANITARY CLEANOUTS ARE TO BE PROVIDED AT EVERY TURN GREATER THAN 45°, AT INTERVALS OF NO GREATER THAN 50', AT ANY STACK ROUTING BELOW GRADE. NOT ALL CLEANOUTS LOCATIONS MAY BE SHOWN ON THE DRAWING.

ALL TRAP SCREWS MUST BE OF FULL SIZE OF PIPE UP TO 4" AND 4" FOR ALL OVER THIS SIZE. CONNECTIONS BETWEEN OUTLETS OF FIXTURES AND SOIL OR WASTE PIPE SHALL BE MADE WITH "Y" BRANCHES TO "Y" BRANCHES WHEREVER POSSIBLE. ALL HORIZONTAL SOIL WASTE AND VENT PIPE SHALL BE GRADED TOWARD OUTLETS AND PIPE NOT

10/09/2025 12:27:34 PM JERSEY MIKES - KANSAS CITY



F4 REFERENCE FURNITURE & EQUIPMENT PLAN
1/4" = 1'-0"

EQUIPMENT SCHEDULE

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	MARK	QTY	DESCRIPTION	MANUFACTURER	MODEL	SUPPLIER	POWER REQUIRED	PLUMBING REQUIRED	MISC. NOTES
g	1	1	6' MEATCASE	HOWARD MCCRAY	SC-CDS34N-6-JM	ECO	8.7AMP 115V/60/1		
	2	1	SNEEZEGUARD	C.R. LAURENCE		GC		C.R. LAURENCE 323-588-1281 X 7710 RICARDO BASULTO	
	3	2	4' DROP IN COLD UNIT	DELFIELD	N8148-EFN	ECO	7.5 AMP 115V/60/V		
	4	2	SLICER	BIZERBA	GSP-H33 W/LIFT	ECO	120V/60/1		OUTLET INSTALLED AT 24" AFF, IN MILLWORK
h	5	1	MENU BOARD	JMFS		GRAPHICS CO.			ORDERED WITH GRAPHICS PACKAGE
	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"
	9	2	PARCHMENT HOLDER						
i	10a	1	BREAD OVEN AND PROOFER	MOFFAT	E35D6-26	ECO	15.6 AMPS / 120 V / 1950 AMP / NEMA 5-20P		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	36	BREAD PAN	WINCO	ALXP1826	SMALLWARES CO.			
	12	4	BREAD RACK	CABRO	UPR1826FHP	FKG, INC.			W/ (2) CURTAIN COVERS, WINDOW DISPLAY, ZIPPER
	13	2	HAND SINK - WALL HUNG	CHG	FS17D141005JM			CHG KL53-1000-AF4 PRE-RINCE SPRAYER/ ADD-A-FAUCET, KL54-8012 AUCEIT AND D50-7100 LEVER WASTES - QTY 3	
j	14	1	3 COMPARTMENT SINK	FIVE KIDS GROUP	FC-3JM-DB	ECO		CHG KL54-8002 FAUCET	ONE COMPARTMENT SINK W/ DRAINBOARD ON EITHER THE LEFT OR RIGHT SIDE
	15	1	PREP SINK	FIVE KIDS GROUP	FC-1JM-D_	ECO			
	16	4	WIRE SHELVING	METRO		ECO			
	16B	4	WALL MOUNT WIRE SHELVING	METRO		ECO			
k	16C	1	WIRE SHELVING	METRO	18"X24"	ECO			
	16E	1	WIRE SHELVING	METRO	18"X36"	ECO			
	16F	1	WIRE SHELVING	METRO	18"X42"	ECO			
	16G	2	WIRE SHELVING	METRO	18"X48"	ECO			
l	16i	2	WIRE SHELVING	METRO	18"X 60"	ECO			
	17	1	1 DOOR PEPSI COOLER	PEPSI	1160	PEPSI			OUTLET INSTALLED AT 18" AFF
	18	1	WALK-IN COOLER	AMERIKOOLER	VERIFY WITH ECO	ECO	115V FOR LIGHTS AND DOOR HEATER, 15 AMP BREAKER		FLOORLESS. FIELD COORDINATE POWER REQUIREMENT. DOOR PROVIDED BY VENDOR, VISION LIGHT TO BE TEMPERED OR LAMINATED.
	18A	1	SELF-CONTAINED CONDENSING UNIT	AMERIKOOLER	SELF CONTAINED, VERIFY WITH ECO	ECO	CONDENSING UNIT: 208-230/ 60/1, MCA 9.3 , 15A MAX FUSE		SELF-CONTAINED SYSTEM. WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED
m	19	1	STEP IN FREEZER	AMERIKOOLER	VERIFY WITH ECO	ECO	CONDENSING UNIT: 208-230/ 60/1, MCA (VERIFY W/ECO) , 15A MAX FUSE		DOOR PROVIDED BY VENDOR, VISION LIGHT TO BE TEMPERED OR LAMINATED
	19A	1	SELF-CONTAINED CONDENSING UNIT	AMERIKOOLER	SELF CONTAINED, 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		SELF-CONTAINED SYSTEM. WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED
	20	1	MOP SINK		2' X 2'	GC		1/2" SUPPLY, 1 1/2" DRAIN, VENT	MOP HANGER AND WALL GUARD
	21A	2	SANDWICH UNIT	ENTREE	JM-ST27E-2DX	ECO	115V/60/1		
n	22	1	GRIDDLE	IMPERIAL	IR-G48T-XB-JMII	ECO		CONFIRM NATURAL OR LP GAS	
	23	1	EXHAUST HOOD SYSTEM & FIRE SYSTEM	CAPTIVE AIRE	ANSUL	ECO	(4) 115V	FIRE SYSTEM ANSUL	
	23A	1	CONDENSATE HOOD	CAPTIVE AIRE	5424VHB	ECO	(1) 115V		
	25	1	PORTABLE FIRE EXTINGUISHERS			GC			
o	26	1	DRINK DISPENSER & ADAPTER KIT	PEPSI	DISPENSER: IDC255, ADAPTOR: 80002957	PEPSI	9.3AMP 115V/60/1	1/2" SUPPLY, CONDENSATION DRAIN	COORDINATE W/ PEPSI. OUTLET INSTALLD AT 42" AFF
	28	1	ICED TEA BREWER/DISPENSER	BUNN	TB3Q	LUZIANNE	120V, 14.4 AMP		1-800-627-2094. OUTLET INSTALLED AT 42" AFF
	30	1	SS. PREP TABLE OR MILLWORK	UNIVERSAL OR GC	KMG-30 _JM	ECO OR GC			
	31	1	COUNTER TOP FOOD WARMER	HOSHIZAKI	71001 MODEL 1001	SMALLWARES CO.	120V, 5.8 AMP		OUTLET INSTALLED AT 42"
p	31B	1	RECESSED BACON WARMER	MARSHALL	JM8001K	FKG, INC.	120V, 3.5 AMP		NO DRAIN. 14/3 CORD WITH NEMA 5-15 PLUG. OUTLET INSTALLED AT 18" AFF.
	33A	1	UNDER-COUNTER REFRIGERATOR	HOSHIZAKI	CZ3N-1	ECO	2.6AMPS 5-15P		
	34A	1	BULK CO2	AIRGAS	CARBO-MIIZER 550	AIRGAS	120V		OUTLET INSTALLED AT 12" AFF
	35	1	REFUSE CONTAINER	ALPINE	470-65L	SMALLWARES CO.			STAINLESS STEEL FINISH
r	35A	1	SLIM JIM REFUSE CONTAINER	RUBBERMAID	11"x20"	FKG, INC.			
	45	1	WATER HEATER	See Plumbing Drawings	See Plumbing Drawings				
	46	1	ICE MAKER	HOSHIZAKI	KM-520MAJ	ECO	115V/60 20AMP BREAKER	PROVIDE DRAIN	
	47A	1	PICK UP TOWER	METRO	24"X36"	ECO			CUSTOM METRO SHELVING 63"H, 24"D, 36"L
s	49	1	JUICE SHELVING	METRO		FKG, INC.			
	49A	1	JUICE CRATES	FIVE KIDS GROUP, INC.	JMFS				
	50b	1	STANCHION DIVIDER	VISIONTRON	VS301 (BLACK)	FKG, INC.			(3) DIVIDERS REQUIRED FOR 8' SPAN. WWW.CROWDCONTROLWAREHOUSE.COM, SINGLE LINE 7-5'
	52	2	TROUGH	FIVE KIDS GROUP, INC.	24" TROUGH				

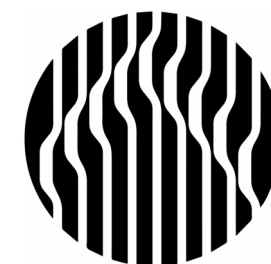
SHEET NOTES:

- ALL FURNITURE, FIXTURES, AND EQUIPMENT IS SUPPLIED BY TENANT AND INSTALLED BY GC.
- PROVIDE BLOCKING AT ALL WALL-MOUNTED SHELVING

FURNITURE SCHEDULE

FURNITURE FURNISHED AND INSTALLED BY THE GC.

Count	Type Mark	Description	Manufact urer	Model	SUPPLIER	Comments
9	36	TABLE TOP AND BASE	FKG, INC.	24"x24"	FKG, INC.	
1	37	TABLE TOP AND BASE	FKG, INC.	24"x45"	FKG, INC.	ADA COMPLIANT TABLETOP
22	43	CHAIRS - LOW	FKG, INC.		FKG, INC.	



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JERSEY MIKES - KANSAS CITY

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Description Date

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Missouri Corporate Authority Number #814
Missouri Archited in responsible Charge - Howard Mervin Rasm AR-5489

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REFERENCE
ONLY**

ISSUED FOR PERMIT

Client Approval

**REFERENCE
FURNITURE PLAN**

Project # 43426-M001

Issue Date 10/09/2026

Scale 1/4" = 1'-0"

Drawn by BJK

Checked by MMR

R1.1