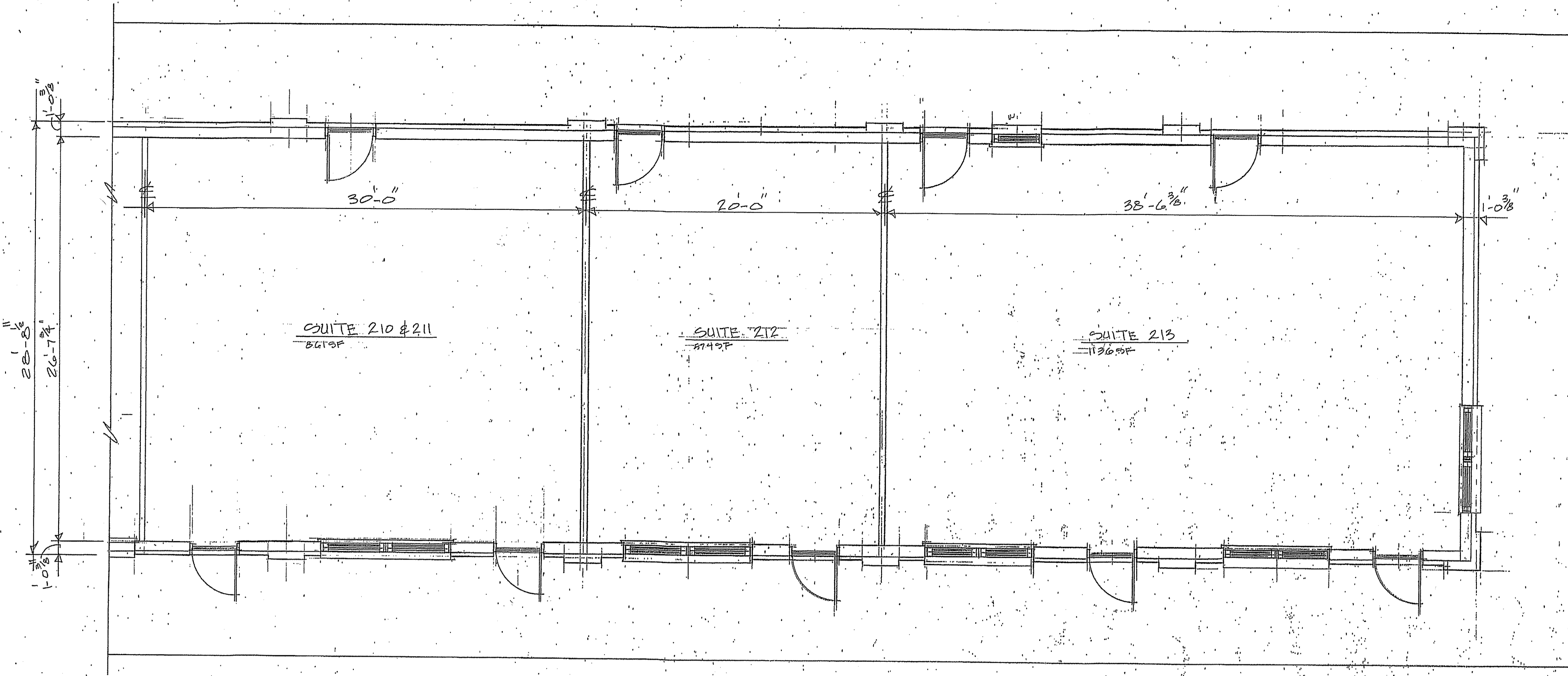


HEP

ARCHITECTURE
HOLLIS PUCKETT ARCHITECTURE

799 Austin Reynolds Road
Bethlehem, Georgia 30620
Call: (770) 852-8862



DOOR SCHEDULE

DOOR NO.	WIDTH	HEIGHT	DOOR TYPE	DOOR				FRAME				COMMENTS
				DOOR MATERIAL	DOOR FINISH	FRAME FINISH	FRAME MATERIAL	HEAD	JAMB	HDW SET		
1	3'-0"	8'-0"	D1	SC WOOD	PAINT	PAINT	ALUM/ALUM-WOOD				T.B.D.	EXISTING
2	3'-0"	8'-0"	D1	SC WOOD	PAINT	PAINT	ALUM/ALUM-WOOD				T.B.D.	EXISTING
3	3'-0"	7'-0"	D1	SC WOOD	PAINT	PAINT	1B GA. HM				D.H.	
4	3'-0"	7'-0"	D1	SC WOOD	PAINT	PAINT	1B GA. HM				D.H.	
5	3'-0"	8'-0"	D1	SC WOOD	PAINT	PAINT	ALUM/ALUM-VP				T.B.D.	EXISTING

DOOR NOTES

- FORCE REQUIRED TO OPEN ANY INTERIOR DOOR MUST NOT EXCEED FIVE POUNDS OF FORCE, PER ANSI AND GA ACCESSIBILITY CODE.
- ALL GLASS SHALL BE FULLY TEMPERED.
- ALL HARDWARE SHALL MEET ALL STATE, LOCAL, AND NATIONAL CODES.
- WOOD DOORS SHALL BE PAINT GRADE SC BIRCH, UNO.
- CONTRACTOR SHALL "PREP" DOORS AS REQUIRED.
- ALL HARDWARE SHALL BE PINNED TO TENANT'S MASTER SYSTEM.
- DOORS/ HARDWARE HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. RULE 120-3-20-24. GEORGIA ACCESSIBILITY CODE, CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.

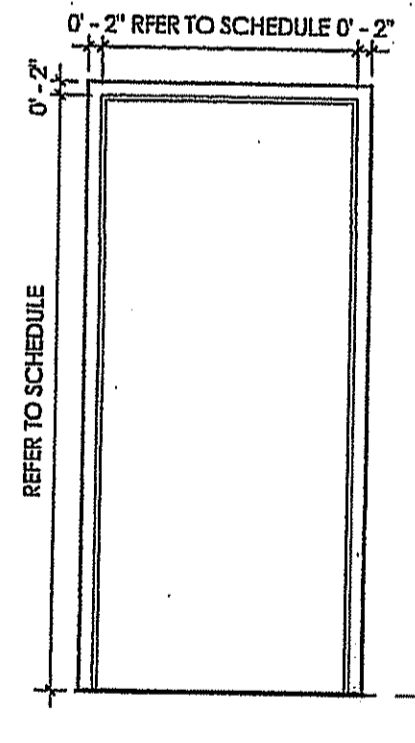
DOOR HARDWARE NOTES

- STOREROOM LOCKSET
- EGRESS LOCKSET W/PANIC BAR
- PRIVACY LOCKSET W/OCCUPANCY INDICATOR. SPEC: FALCON D271, BLACK
- PASSAGE LOCKSET

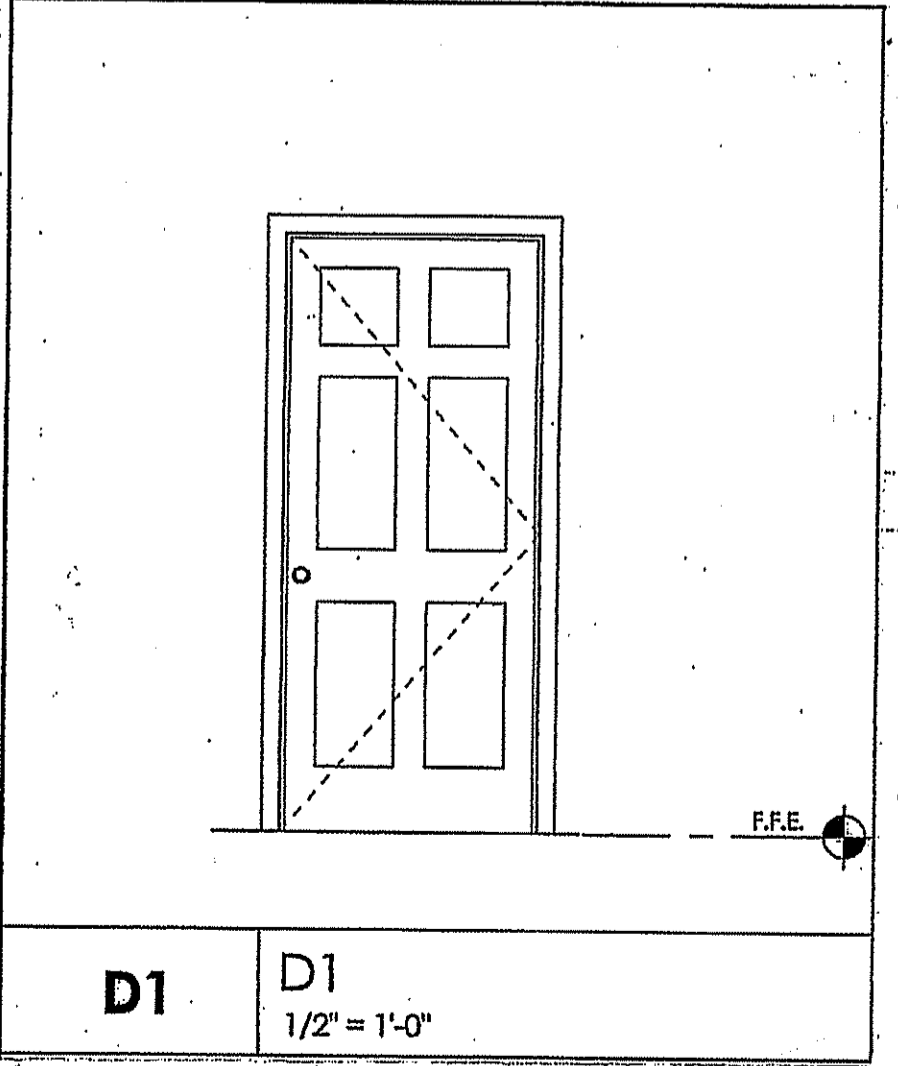
- NOTE: ALL DOOR HARDWARE TO BE SCHLAGE JUPITER SERIES W/ MATT BLACK FINISH, UNO.
- OFFICE LOCKSET
MANUF: SCHLAGE
ITEM: LATTITUDE
FINISH: MATTE BLACK
 - PANIC HARDWARE
MANUF: SARGENT
ITEM: 9800 SERIES
FINISH: MATTE BLACK N/A
 - RESTROOM LOCKSET
MANUF: SCHLAGE
ITEM: LATTITUDE - PUSH/PULL PLATE
FINISH: MATTE BLACK
OCCUPANCY INDICATOR. SPEC: FALCON D271, BLACK
 - PASSAGE SET - MATCH EX-1
MANUF: SCHLAGE
ITEM: LATTITUDE
FINISH: MATTE BLACK N/A
 - CLOSER
MANUF: SARGENT/ ASSA ABLOY
ITEM: 422 CAM ACTION
FINISH: MATTE BLACK
 - DOOR STOP: ASSA ABLOY ROCKWOOD RM 857 - BLACK SUEDE POWDER COAT

WELL FLOOR PLAN

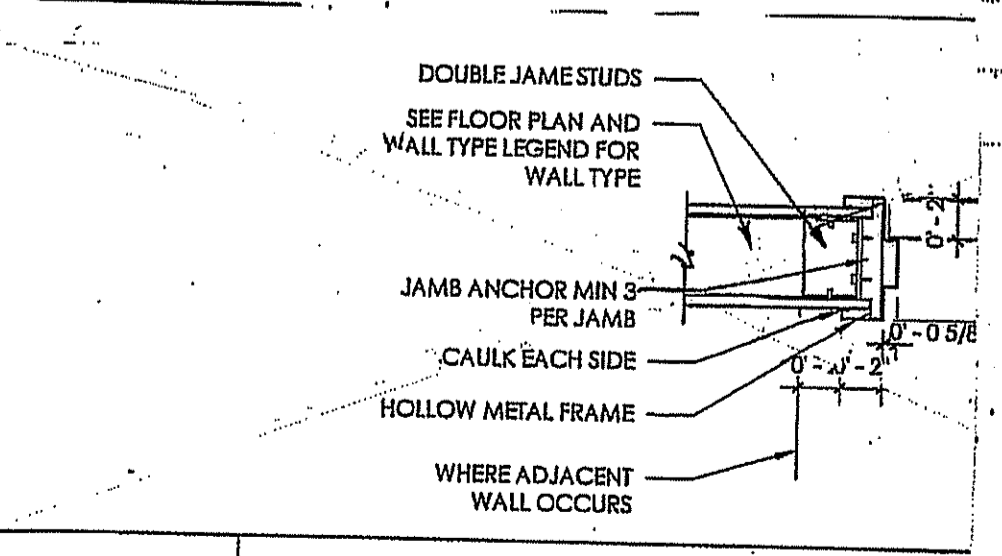
NOTE: SUITE SQUARE FOOTAGE IS FIGURED OUT TO OUT ON PERIM. OF BLDG. AND ± TO E. FOR WIDTH OF BLDG. EXCEPT FOR SUITE 213 AND IT IS ± TO OUTSIDE FACE OF BLDG.



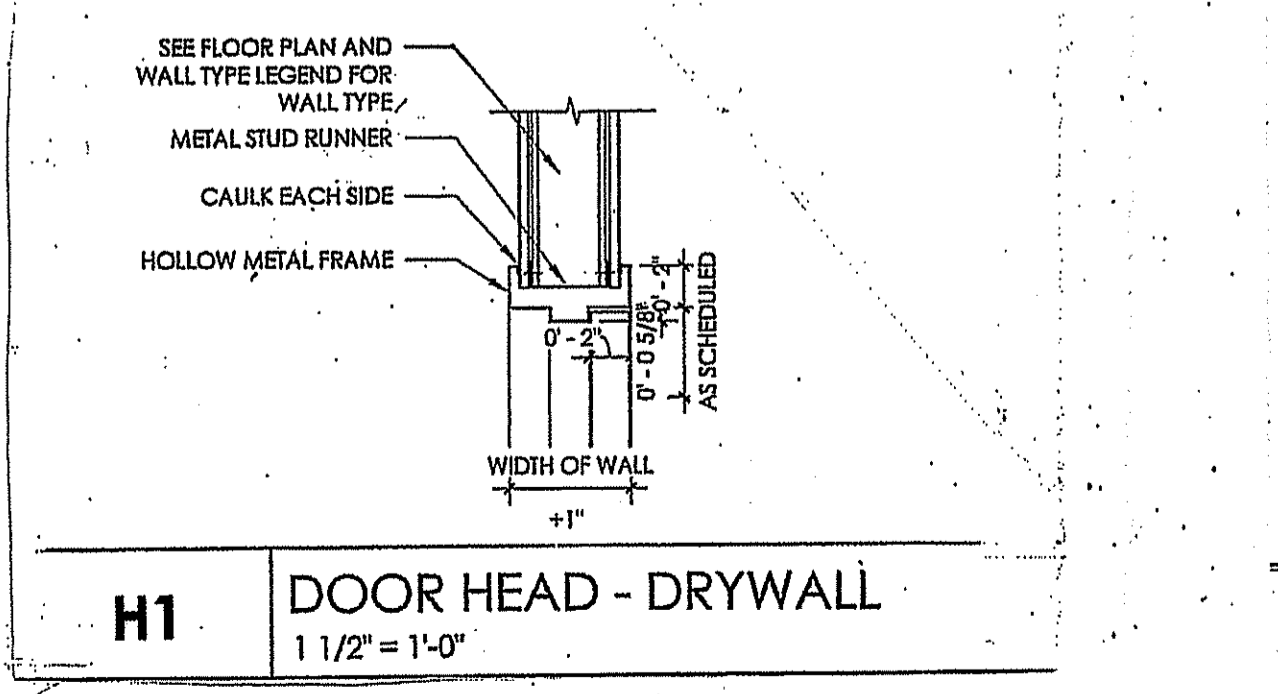
FR-1 FRAME TYPE 1
1/2" = 1'-0"



D1 D1
1/2" = 1'-0"



J1 DOOR JAMB - DRYWALL
1 1/2" = 1'-0"



H1 DOOR HEAD - DRYWALL
1 1/2" = 1'-0"

THE BUTTERY NUTT
BLDG. 5, SUITE 210 & 211, 2132 BRITT DR. WASHINGTON GA 30389

HEP ARCHITECTURE
799 Austin Reynolds Road, Bethlehem, Georgia 30620
CELL: 770-852-8862

PRINTED AND PUBLISHED

MARK	DATE	DESCRIPTION

DESIGNED BY

DRAWN BY

CHECKED BY

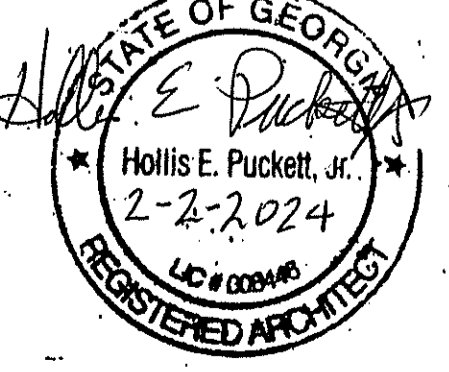
DATE PREPARED FOR CONSTRUCTION

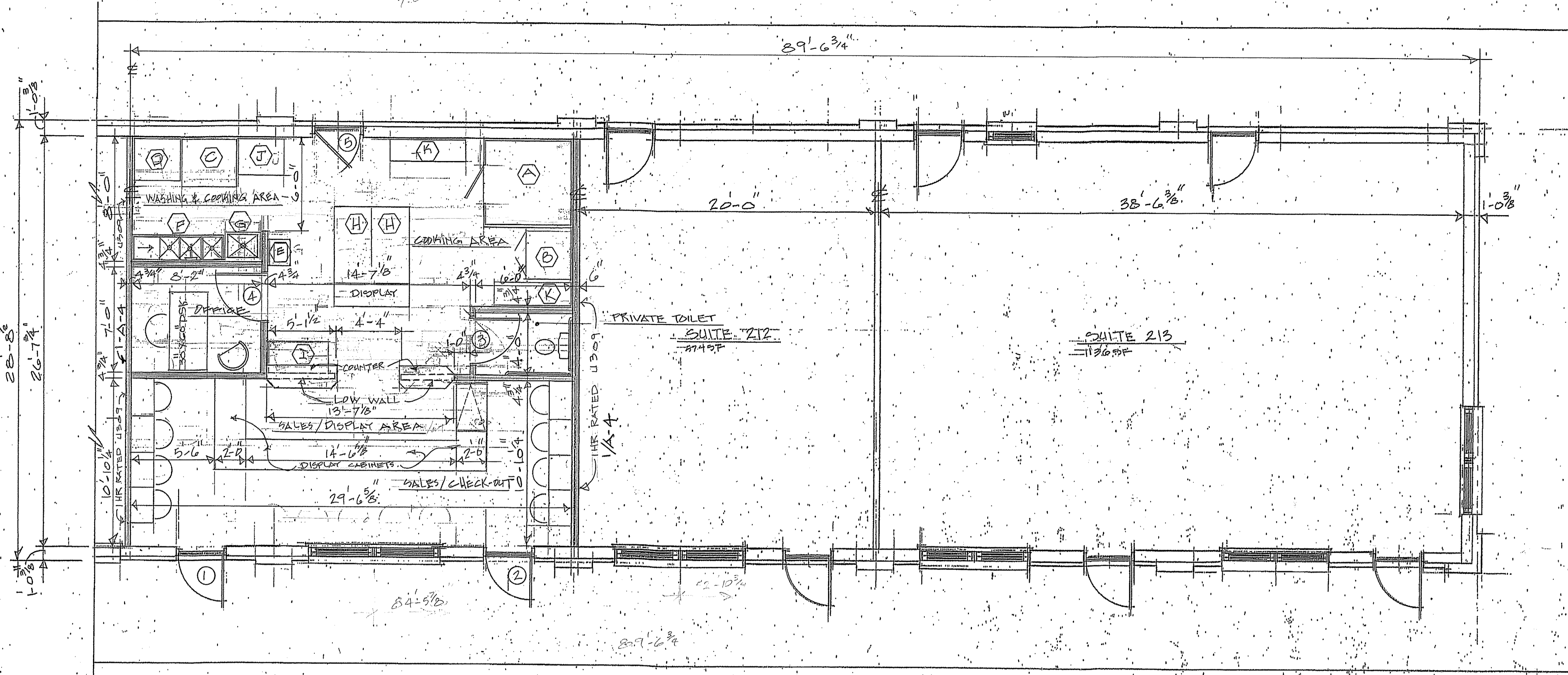
FILE NAME

SHEET TITLE

PROJECT NUMBER
A-1

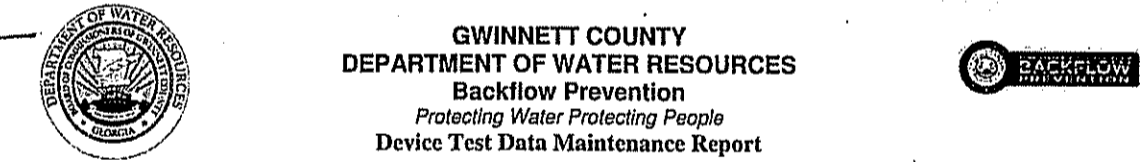
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THE BUTTERY NUT
 1100 S. DUNN ST. SUITE 202, 2132 BRITT STREET, GRAYSON, GA 30017

HEP ARCHITECTURE
 788 Austin Reynolds Road, Bethlehem, Georgia 30820
 CELL: 770-652-8882

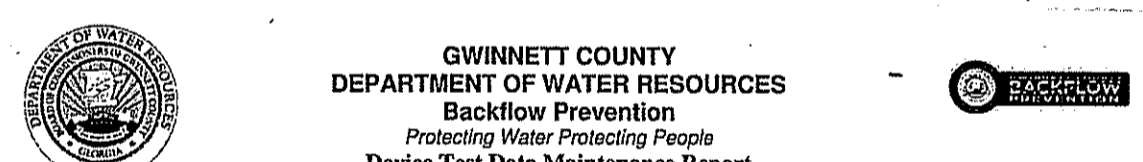


ACCOUNT NAME: Railyard 5	ACCOUNT NO.:	<input checked="" type="checkbox"/> Containment or Isolation
ADDRESS: 2132 Britt St Grayson, GA 30017	METER NO.:	
SERVICE ADDRESS: 2132 Britt St Grayson, GA 30017	19246077	
LOCATION OF DEVICE: In parking lot island in front of red brick archway	INSTALLATION DATE:	
DEVICE: DC	MANUFACTURER: Wilkins	MODEL: 950XLT2
DATE: 02-06-24	TIME: 4:13 PM	LINE PRESSURE AT TIME OF TEST: 70
		PRESSURE DROP ACROSS FIRST VALVE CHECK: 1.8
	CHECK VALVE NO. 1	CHECK VALVE NO. 2
		DIFFERENTIAL PRESSURE RELIEF VALVE
INITIAL TEST:	<input type="checkbox"/> Leaked <input checked="" type="checkbox"/> Closed Tight At 1.8 PSID	<input type="checkbox"/> Leaked <input checked="" type="checkbox"/> Closed Tight At 2.4 PSID
	<input type="checkbox"/> Old not open	<input type="checkbox"/> Opened at _____ lbs. reduced pressure
REPAIRS:	<input type="checkbox"/> Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Replaced	<input type="checkbox"/> Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Replaced
FINAL TEST:	Closed tight at _____ PSID	Closed tight at _____ PSID
		Opened at _____ lbs. reduced pressure

Remarks: PASSED

RETURN REPORT TO:
 Gwinnett County Department of Water Resources
 Backflow Prevention Section
 684 Windsor Hwy
 Lawrenceville, GA 30045
 (770) 376-4213

Meter numbers and/or other pertinent information must be submitted with test report. Reports missing information may be returned.



ACCOUNT NAME: Railyard 5	ACCOUNT NO.:	<input checked="" type="checkbox"/> Containment or Isolation
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	<input type="checkbox"/> Old not open	<input type="checkbox"/> Opened at _____ lbs. reduced pressure
REPAIRS:	<input type="checkbox"/> Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Replaced	<input type="checkbox"/> Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Replaced
FINAL TEST:	Closed tight at _____ PSID	Closed tight at _____ PSID
		Opened at _____ lbs. reduced pressure

Remarks: PASSED

RETURN REPORT TO:
 Gwinnett County Department of Water Resources
 Backflow Prevention Section
 684 Windsor Hwy
 Lawrenceville, GA 30045
 (770) 376-4213

Meter numbers and/or other pertinent information must be submitted with test report. Reports missing information may be returned.

PROPOSED FLOOR PLAN

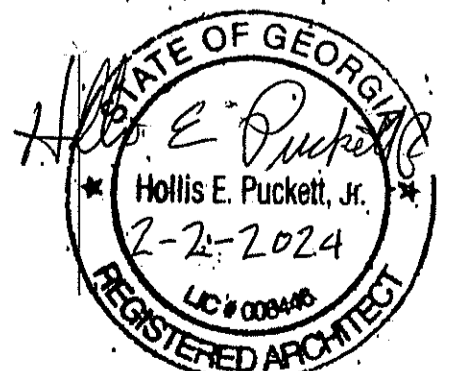
NOTE: SUITE SQUARE FOOTAGE TO BE FIGURED OUT TO FIT ON PERCH OF BLDG. AND TO E. PER WIDTH OF BLDG. PERMIT FOR SUITE 213 AND IT IS TO OUTSIDE FACE OF BLDG.

NOTES
 DOORS #1, 2 & 3 ARE EXISTING.
 DOOR #3 IS A 36" X 68" X 1 3/4" SOLID CORE WOOD W/ LEVEL ACTION PRIVACY SET W/ DOOR CLOSER AND WALL DOOR BUMPER / STP.
 DOOR #4 IS A 36" X 68" X 1 3/4" SOLID CORE WOOD W/ LEVEL ACTION LOCKSET W/ WALL BUMPER / STP.

NOTE:
 (1) SEE SHEET A-1 FOR ADDITIONAL DOOR NOTES AND DETAILS.
 (2) GET TILE CEILING IN COOKING AREA, PRIVATE TOILET, OFFICE AND WASHING / COOKING AREA IS TO BE ARKSTROM KIT 241E # 673 w/ PRELUDE GRID SYSTEM 15/16".
 (3) WALLS IN COOKING AREA, PRIVATE TOILET, OFFICE AND WASHING / COOKING AREA IS TO BE 3/32" MARLITE ERP PANELS, COLOR TO BE SELECTED BY OWNER / TENANT.

Equipment Schedule

- (A) Walk-In Cooler Amerikooler QC060672**N6"x6"x7'-2"
- (B) Reach-In Freezer Avantco A-35F-HC 391/2" Solid Door.
- (C) Natural Gas Convection Oven W/ Legs 108,000 BTU, Cooking Performance Group FGC-200-NK.
- (D) Natural Gas 6 Burner 36" Range with Standard Oven- 210,000 BTU, Cooking Performance Group S36-N.
- (E) Regency 17"x 15" Wall Mounted Hand Sink with Gooseneck Faucet.
- (F) Regency 721/2" 16 Gauge Stainless Steel Three Compartment Commercial Sink W/ Galvanized Steel Legs and I Drainboard- 16"x 20"x 12" Bowls- Right Drainboard.
- (G) Regency 25" 16-Gauge Stainless Steel One Compartment Floor Sink- 20"x 16"x 6" bowl.
- (H) Regency 30"x 60" 16 Gauge 304 Stainless Steel Commercial Worktable with Undershelf.
- (I) Regency 30"x 48" 16 Gauge 304 Stainless Steel Commercial Open Base Worktable With 4" Backsplash.
- (J) Steelton 30" x 36" 18 Gauge Stainless Steel Equipment Stand with Undershelf and Galvanized Legs.
- (K) Regency 18" x 60" NSF Chrome 4- Shelf Kit with 74" Post.



REV	DATE	DESCRIPTION
1	7-6-2023	LAYOUT
2	9-19-2023	REVISION

PROJECT NUMBER:
 DRAWN BY:
 CHECKED BY:
 DATE:
 SHEET NO.:

A-2

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GA ACCESSIBILITY CODE

120-3-20-11 Signage. (1) General Signage. General signage shall be accessible to persons with disabilities...

Table with 2 columns: Signage Type, Minimum Character Height. Includes categories like Fluorescent, Incandescent, etc.

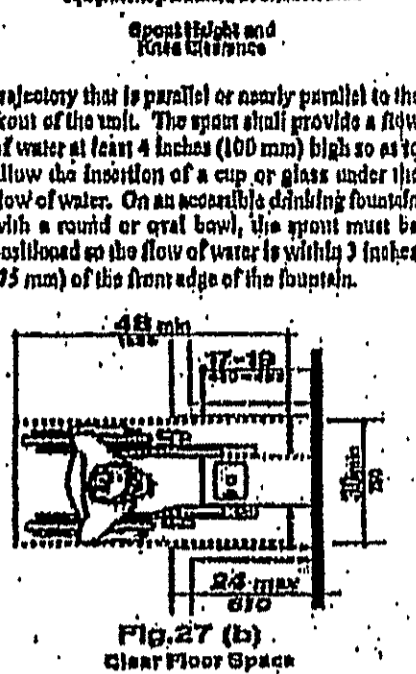
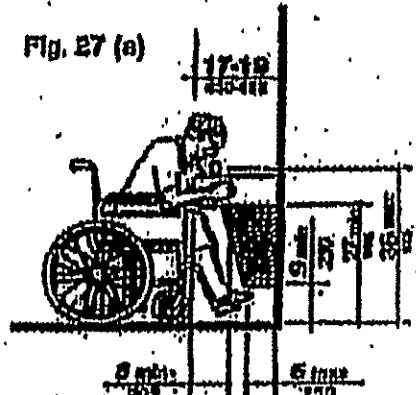
GA ACCESSIBILITY CODE

(B) Minimum Number. Drinking fountains and water coolers shall be accessible to persons with disabilities...

Table with 2 columns: Signage Type, Minimum Character Height. Includes categories like Fluorescent, Incandescent, etc.

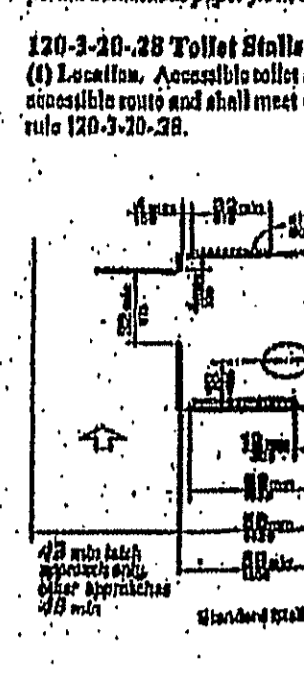
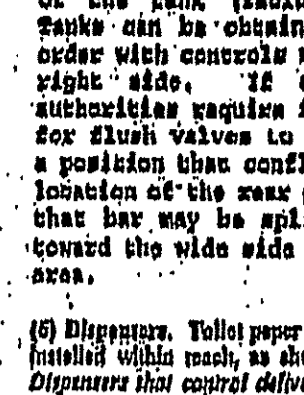
GA ACCESSIBILITY CODE

120-3-20-25 Drinking Fountains and Water Coolers. (1) Minimum Number. Drinking fountains and water coolers shall be accessible to persons with disabilities...



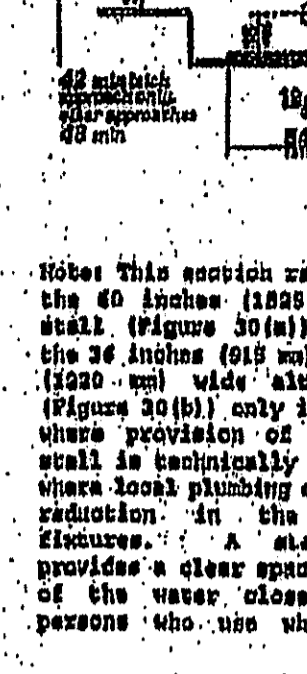
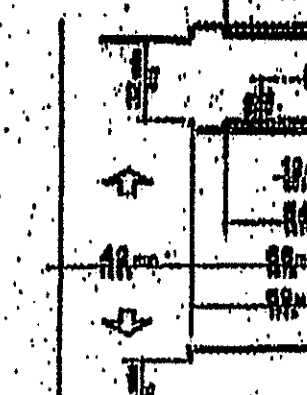
GA ACCESSIBILITY CODE

120-3-20-26 Toilet Rooms. (1) Minimum Number. Toilet facilities shall be accessible to persons with disabilities...



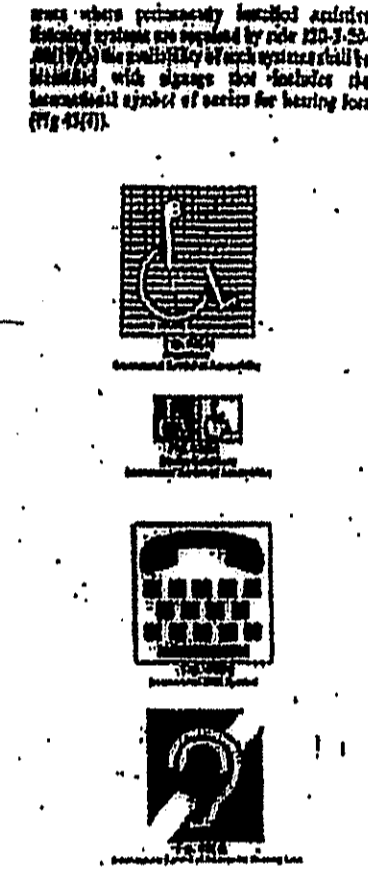
GA ACCESSIBILITY CODE

120-3-20-27 Water Closets. (1) Water Closets. Water closets in accessible buildings shall comply with 120-3-20-27...



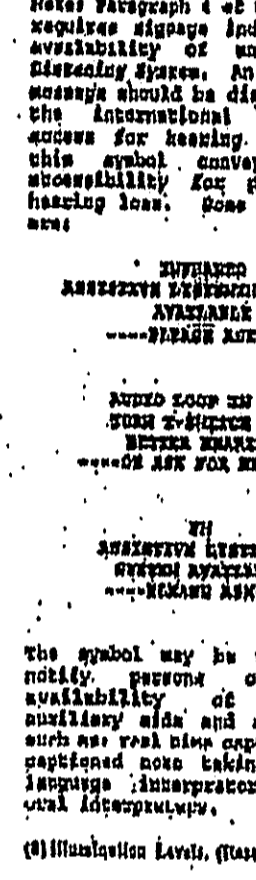
GA ACCESSIBILITY CODE

(9) Hearing Aids and Visual Aids. When provided, hearing aids and visual aids shall be accessible to persons with disabilities...



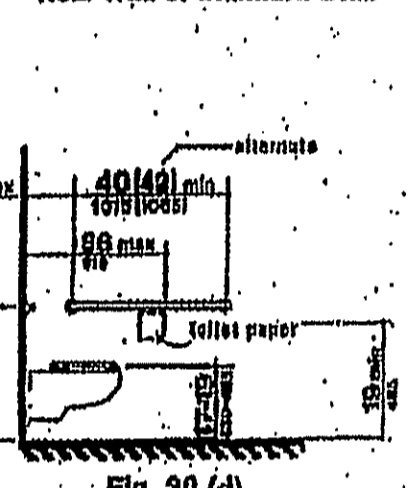
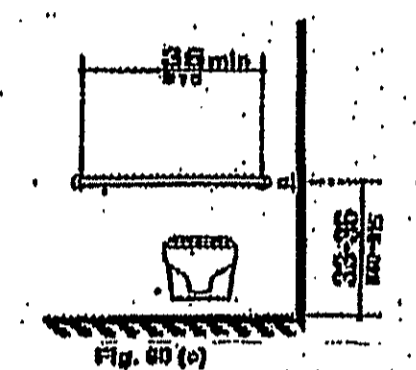
GA ACCESSIBILITY CODE

(10) Telephone. (1) General. Public telephones shall be accessible to persons with disabilities...



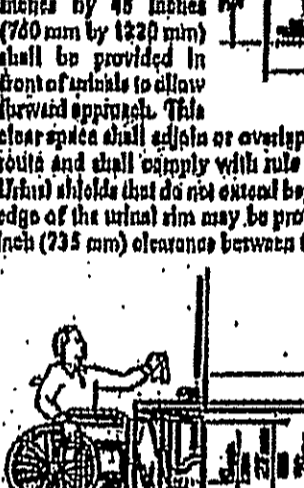
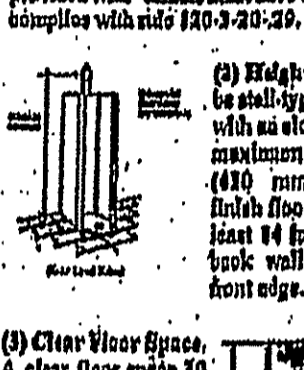
GA ACCESSIBILITY CODE

(9) Doors. Toilet stall doors, holding door hardware, shall comply with 120-3-20-24. If toilet stall doors are not accessible...



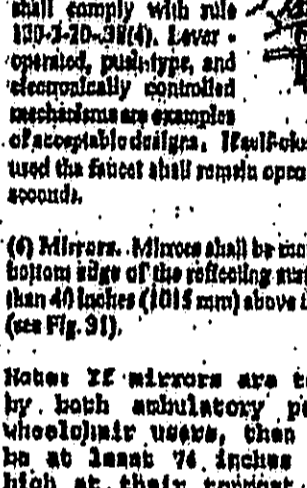
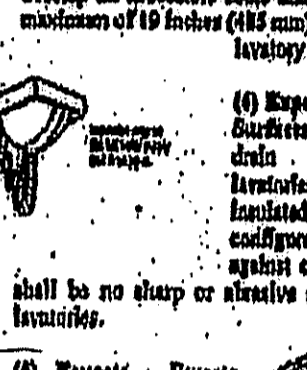
GA ACCESSIBILITY CODE

120-3-20-29 Mirrors. (1) General. Any toilet or bathing room provided with a mirror shall have a least one that complies with 120-3-20-29...



GA ACCESSIBILITY CODE

(6) Flush Controls. Flush controls shall be hand operated or automatic, and shall comply with 120-3-20-31(a), and shall be mounted no more than 44 inches (1118 mm) above the finish floor...



FIRE RESISTANCE RATINGS - ANSIUL 253 (XVU)

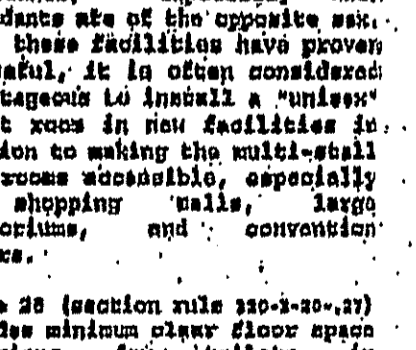
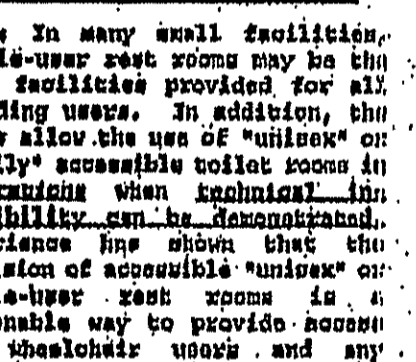
Table with 4 columns: Design No., Nonbearing Wall Rating, For Number of Layers and Hourly Ratings, and Notes. Includes design No. U419 and various wall configurations.

FIRE RESISTANCE RATINGS - ANSIUL 253 (XVU)

Table with 4 columns: Design No., Nonbearing Wall Rating, For Number of Layers and Hourly Ratings, and Notes. Includes design No. U419 and various wall configurations.

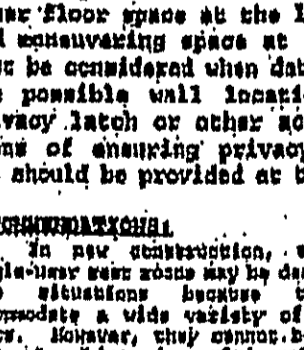
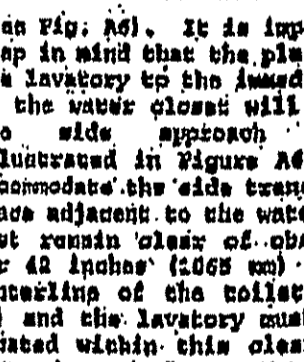
GA ACCESSIBILITY CODE

120-3-20-33 Toilet Rooms. (1) Minimum Number. Toilet facilities shall be accessible to persons with disabilities...



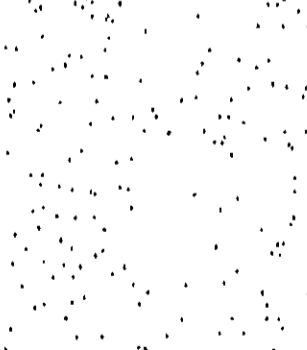
GA ACCESSIBILITY CODE

(4) Water Closets. If toilet stalls are provided, then at least one shall be accessible to persons with disabilities...

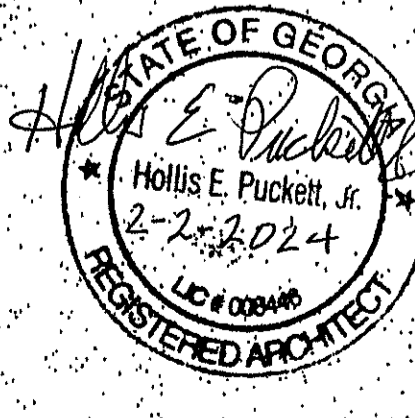


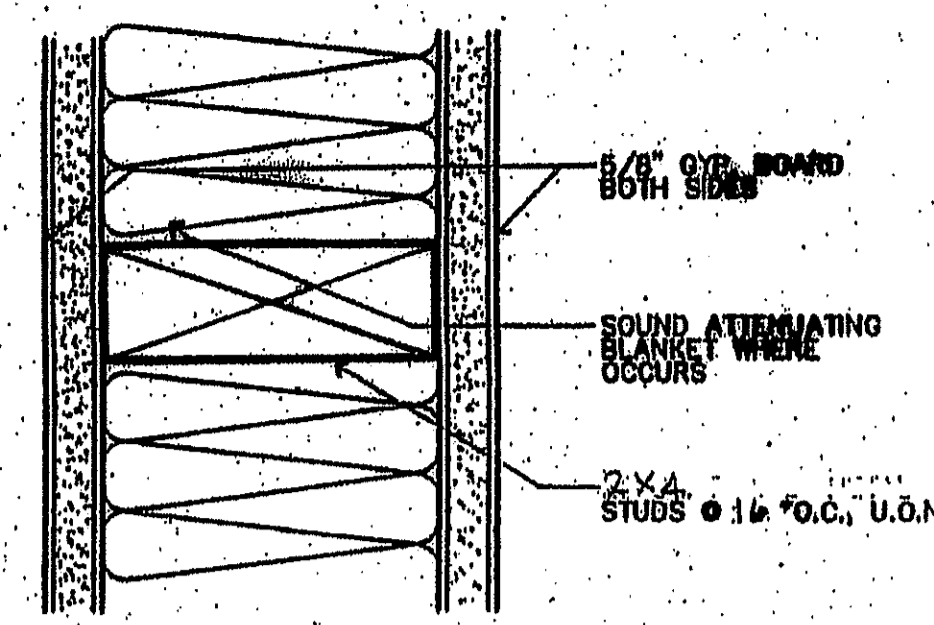
GA ACCESSIBILITY CODE

(4) Lavatories and Mirrors. If lavatories and mirrors are provided, one at least one of each shall be accessible to persons with disabilities...

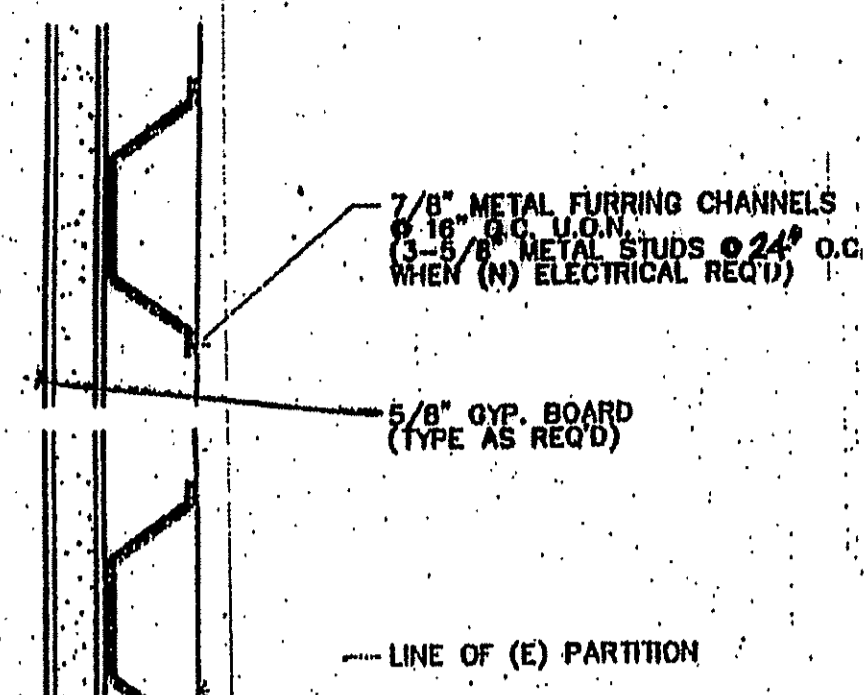


HEP ARCHITECTURE logo and contact information. Includes address: 704 Exchange Mill Place, Decatur, GA 30019, phone: 770-513-7812. Also includes project information: THE BUTTERY NUTT, 1132 BRITT STREET, DECATUR, GA 30031.

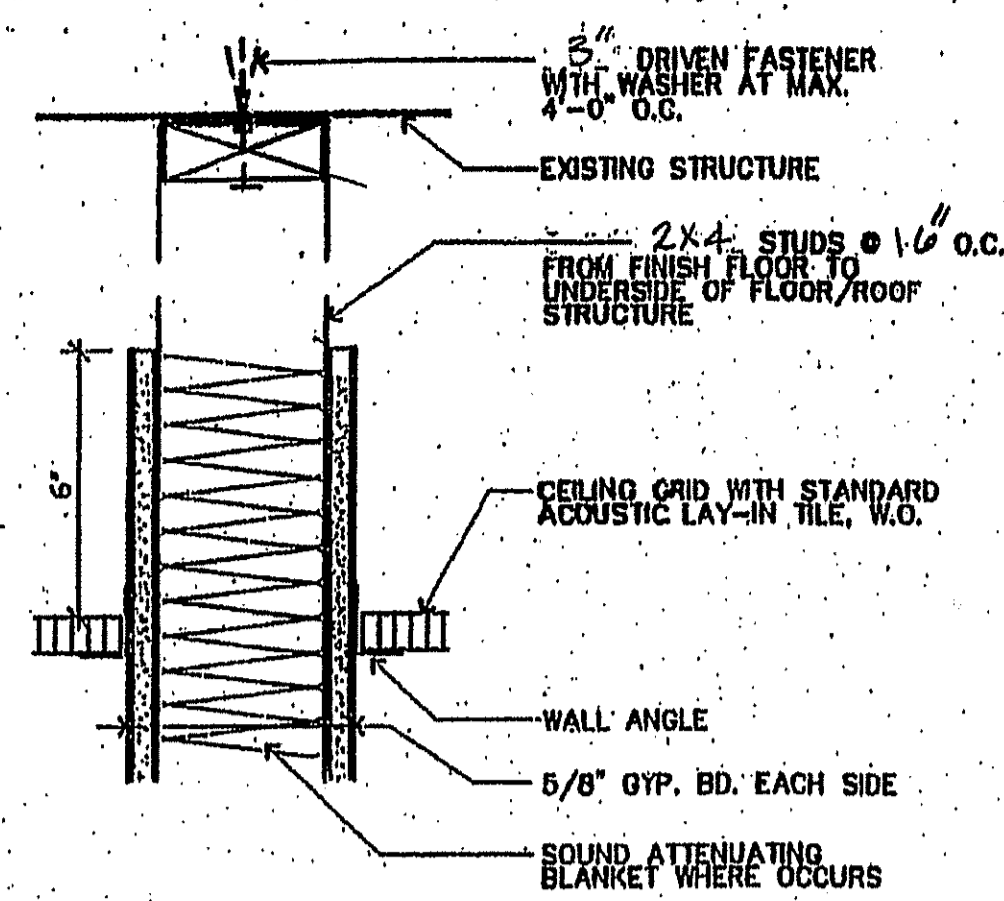




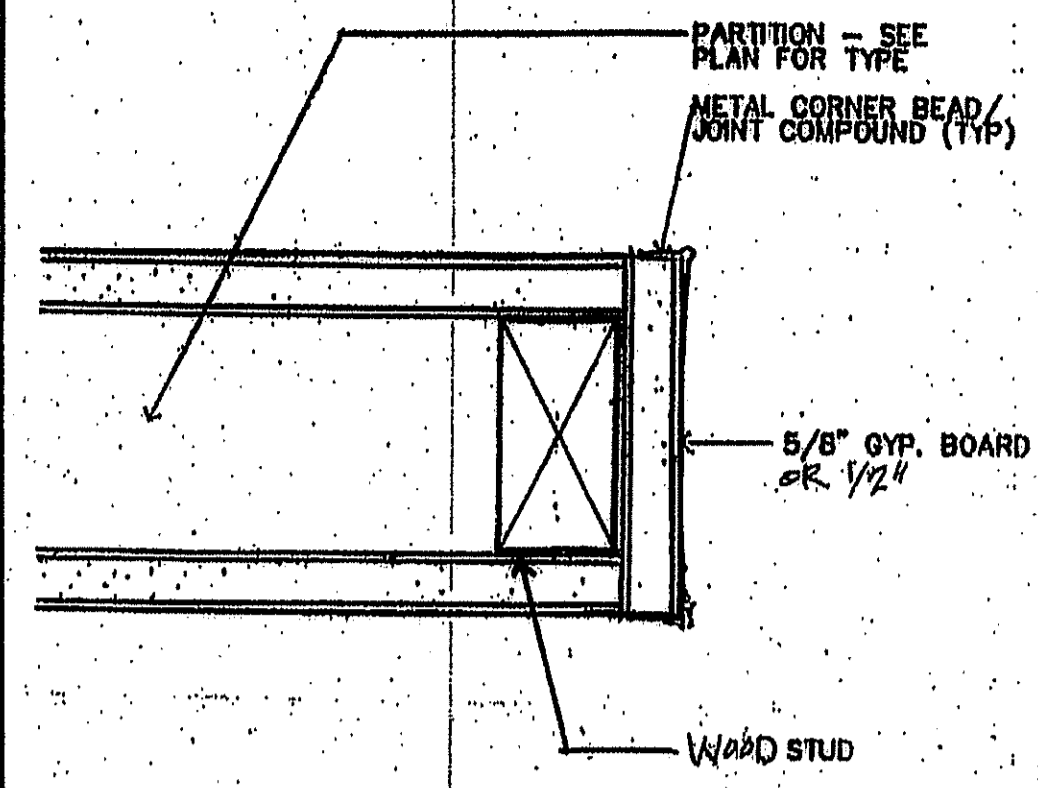
1 NON-RATED PARTITION - PLAN
 6" = 1'-0"



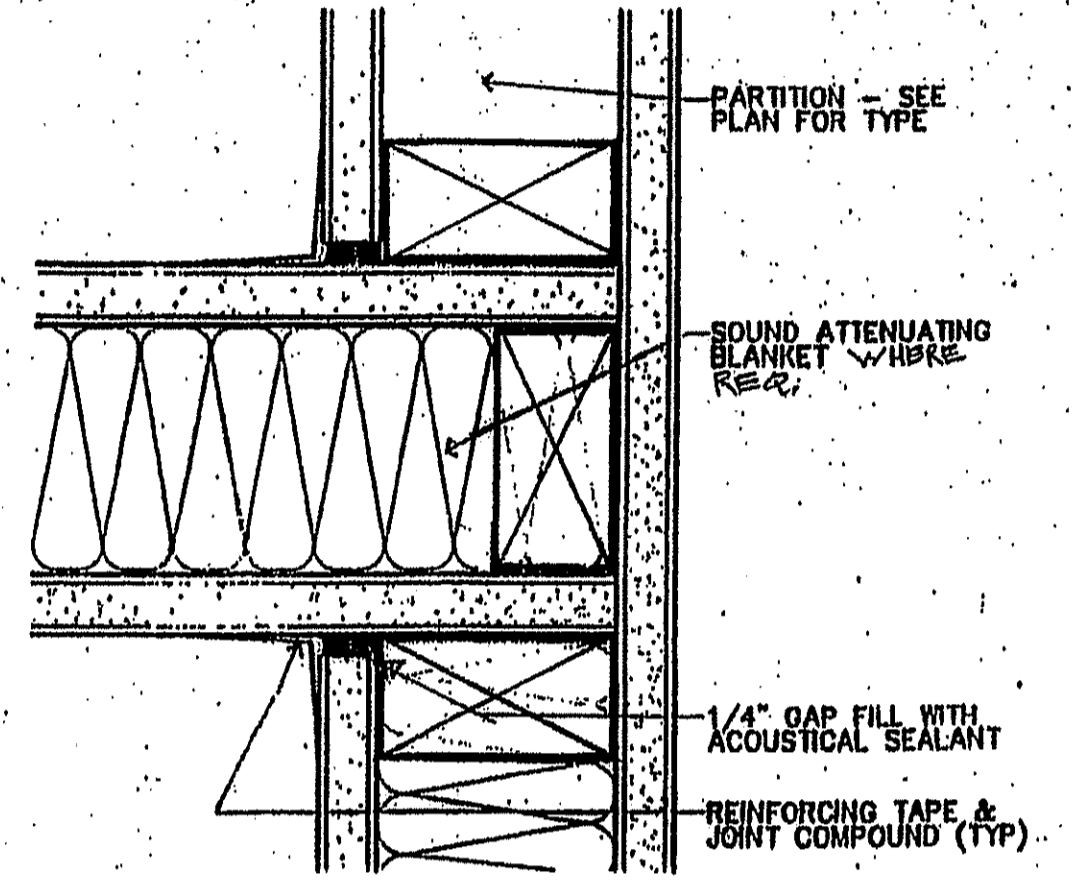
2 FURRED PARTITION - PLAN
 AS REQUIRED 6" = 1'-0"



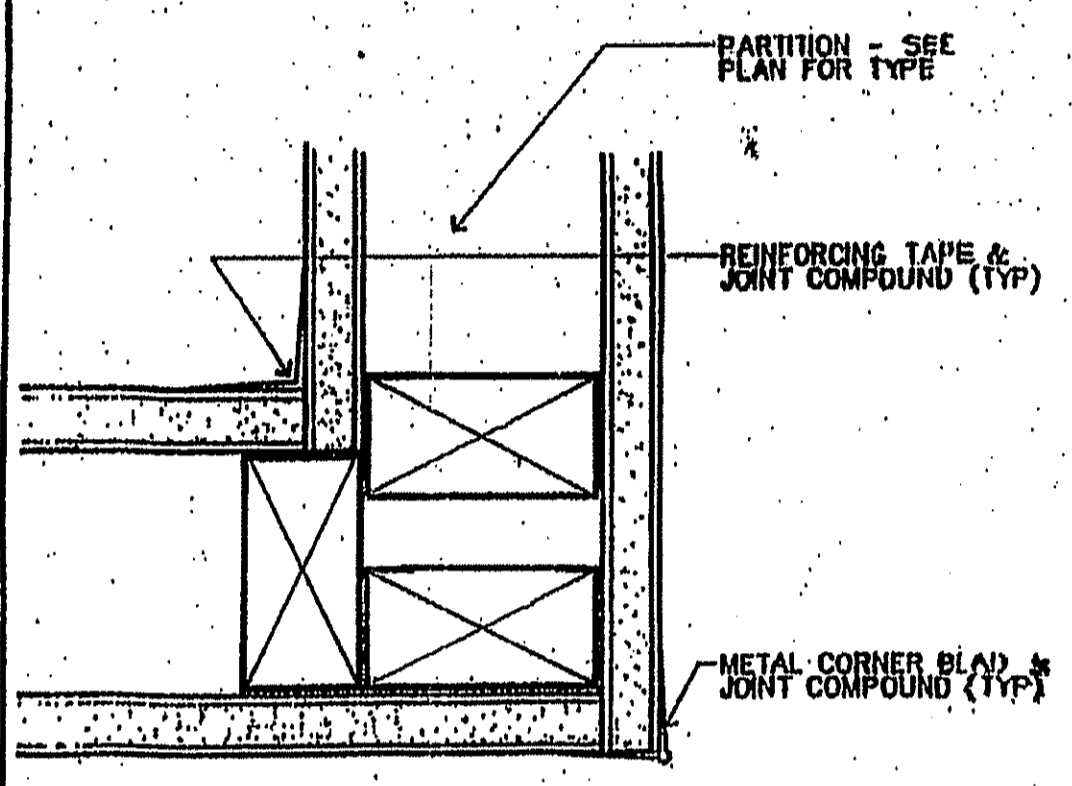
4 PARTITION HEAD - SECTION
 TENANT INTERIOR 3" = 1'-0"



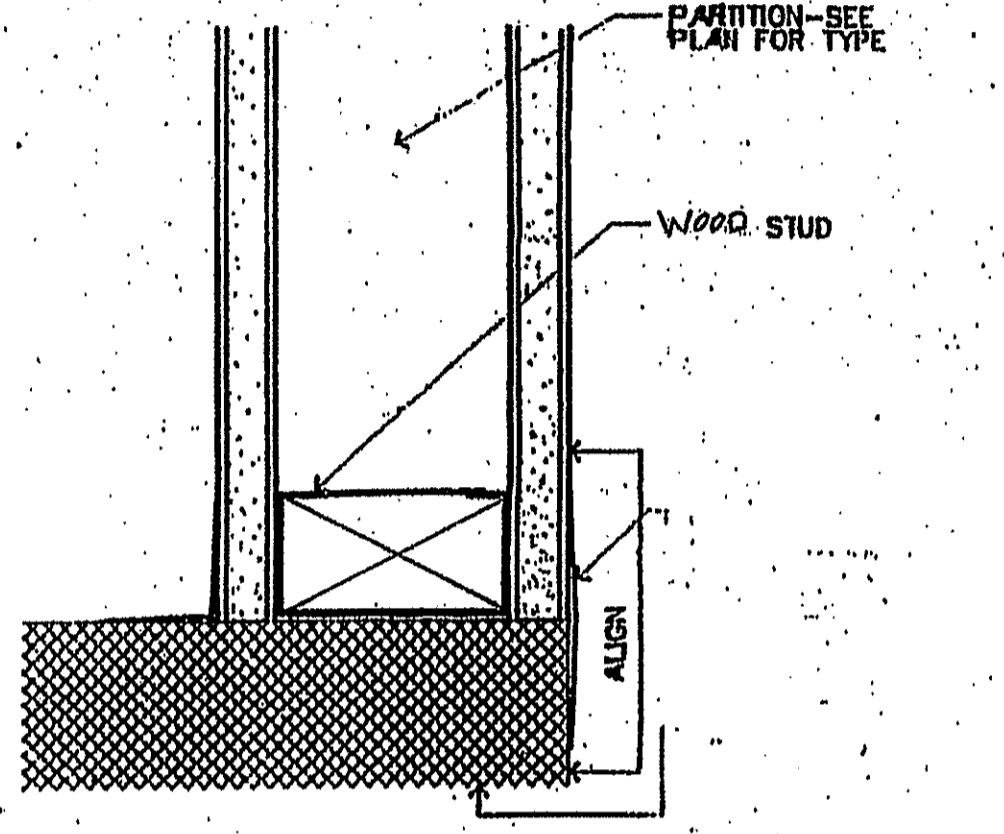
5 PARTITION END - PLAN
 6" = 1'-0"



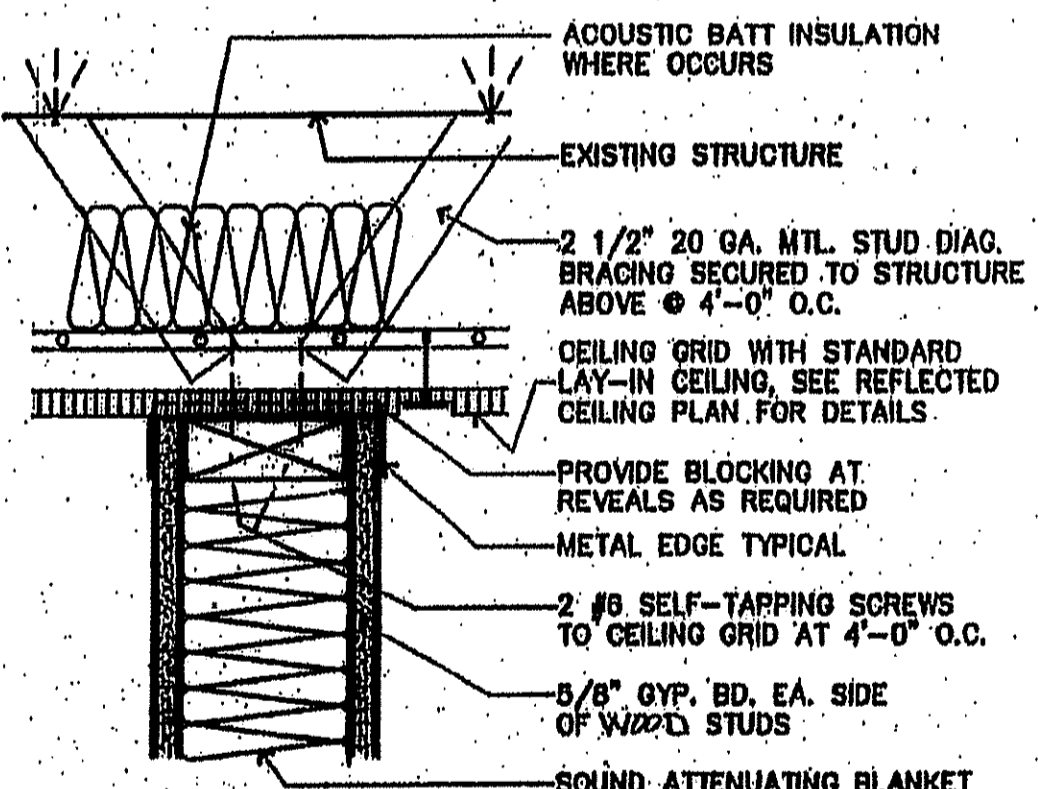
7 WALL INTERSECTION-ACOUSTICAL - PLAN
 6" = 1'-0"



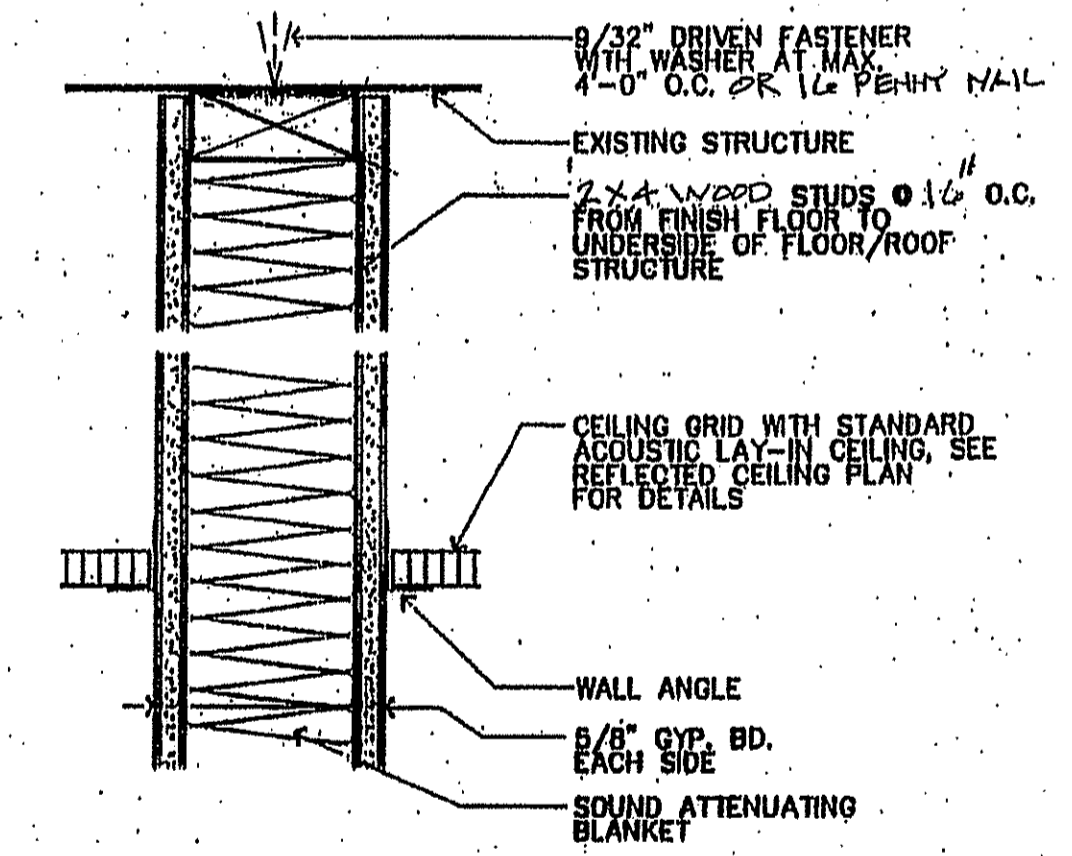
8 CORNER DETAIL - PLAN
 6" = 1'-0"



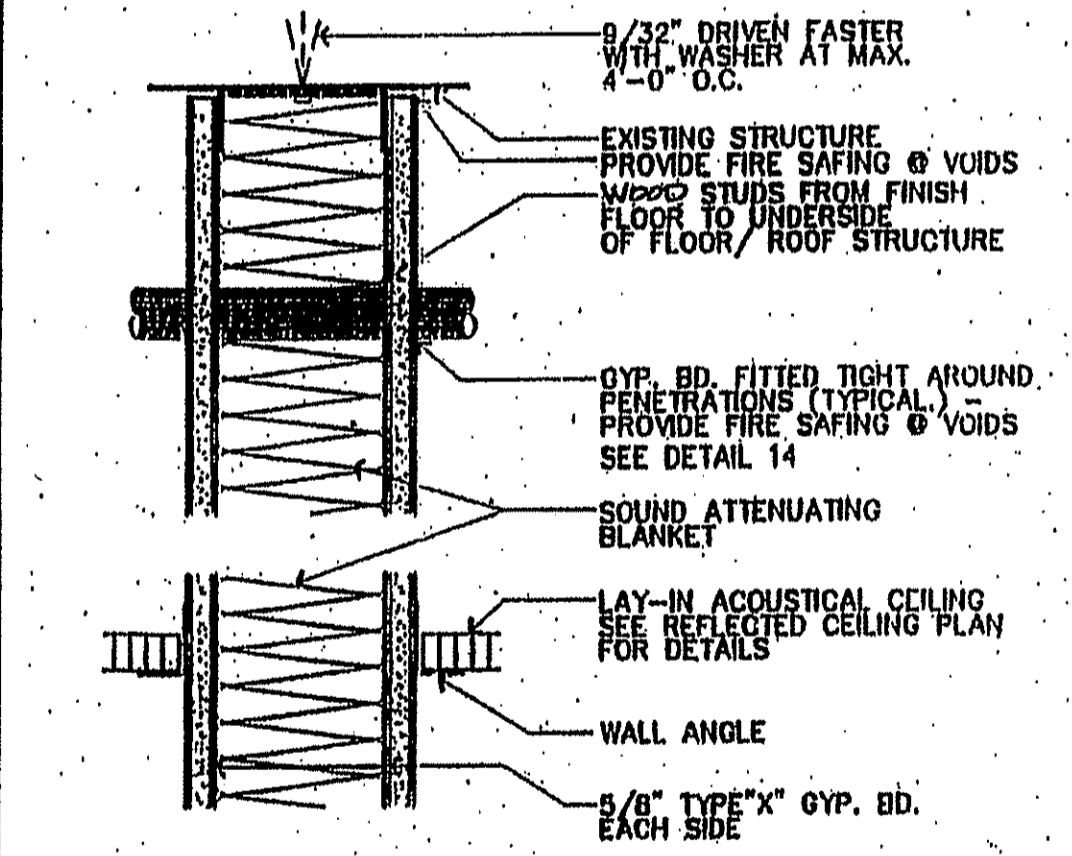
9 PARTITION AT EXISTING STRUCTURE - PLAN
 6" = 1'-0"



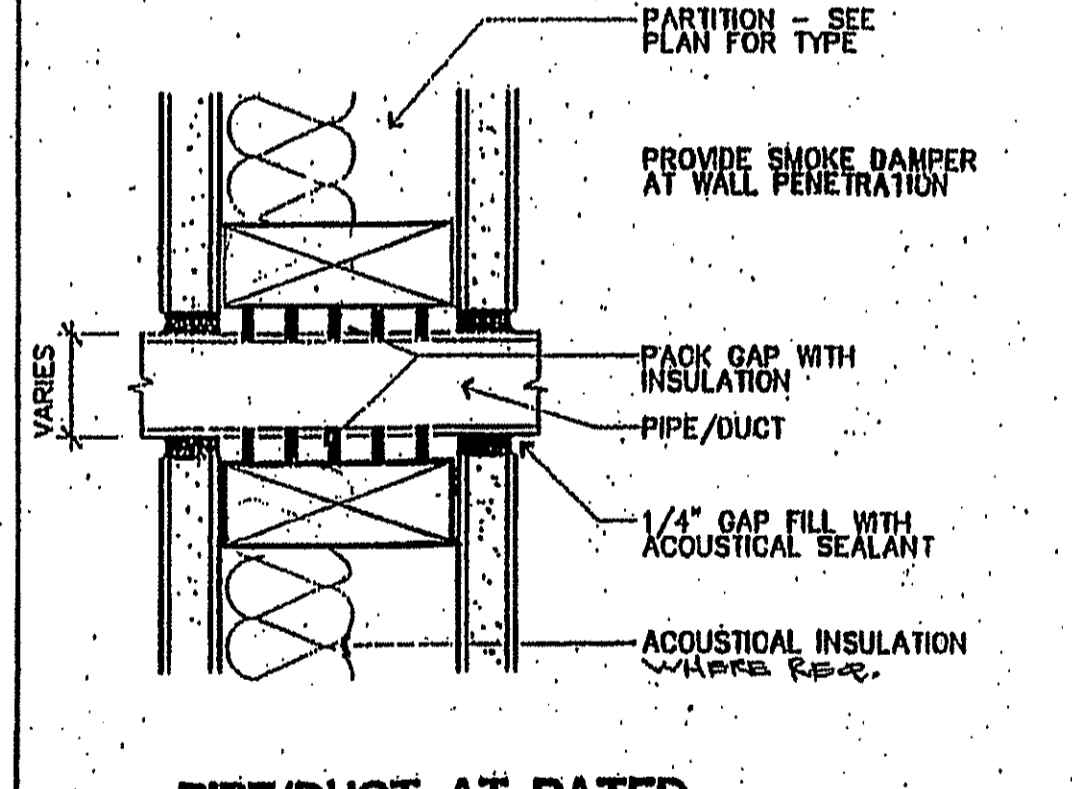
11 PARTITION HEAD - SECTION
 TENANT INTERIOR 3" = 1'-0"



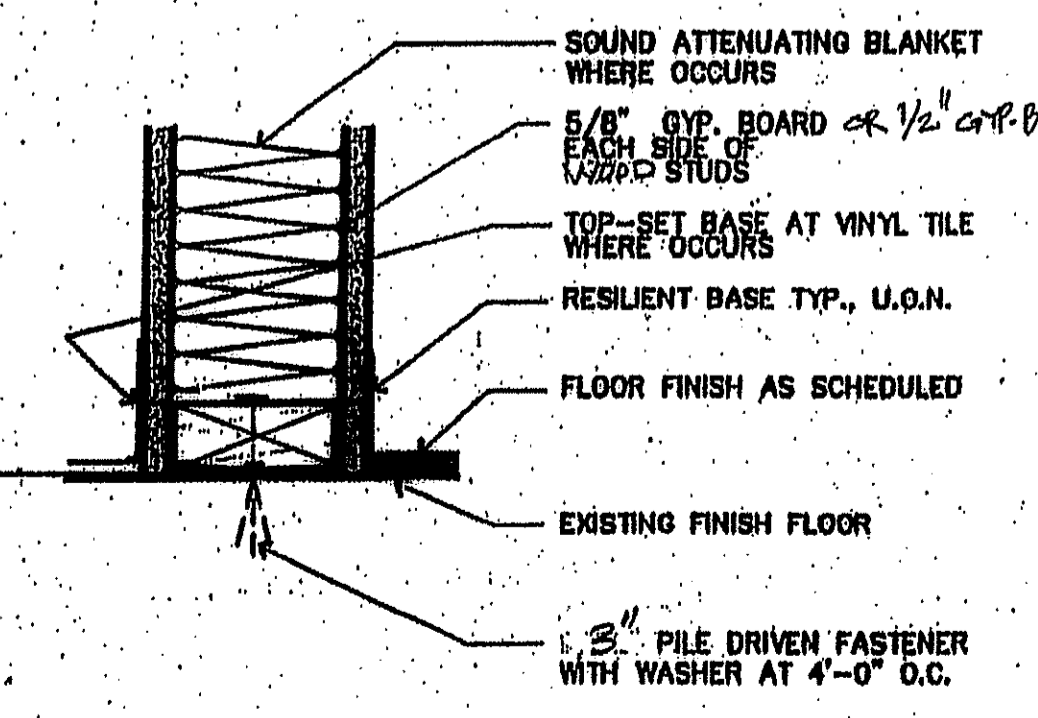
12 PARTITION HEAD - SECTION
 ACOUSTICAL ISOLATION 3" = 1'-0"



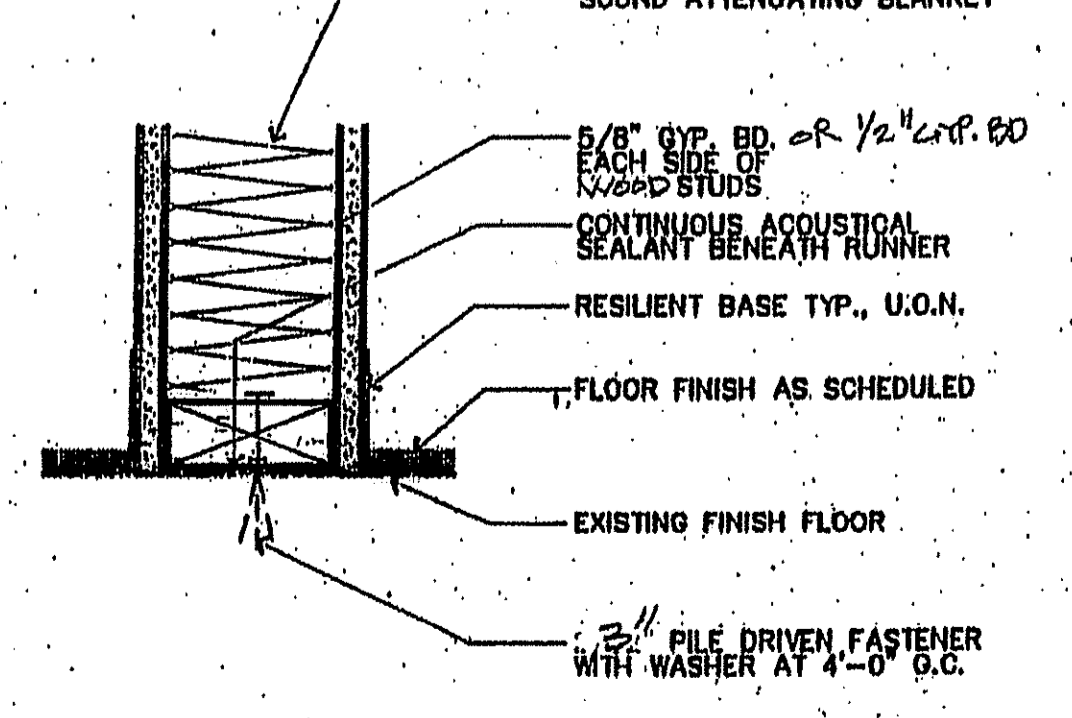
13 PARTITION HEAD - SECTION
 ONE HOUR FIRE RATED 3" = 1'-0"



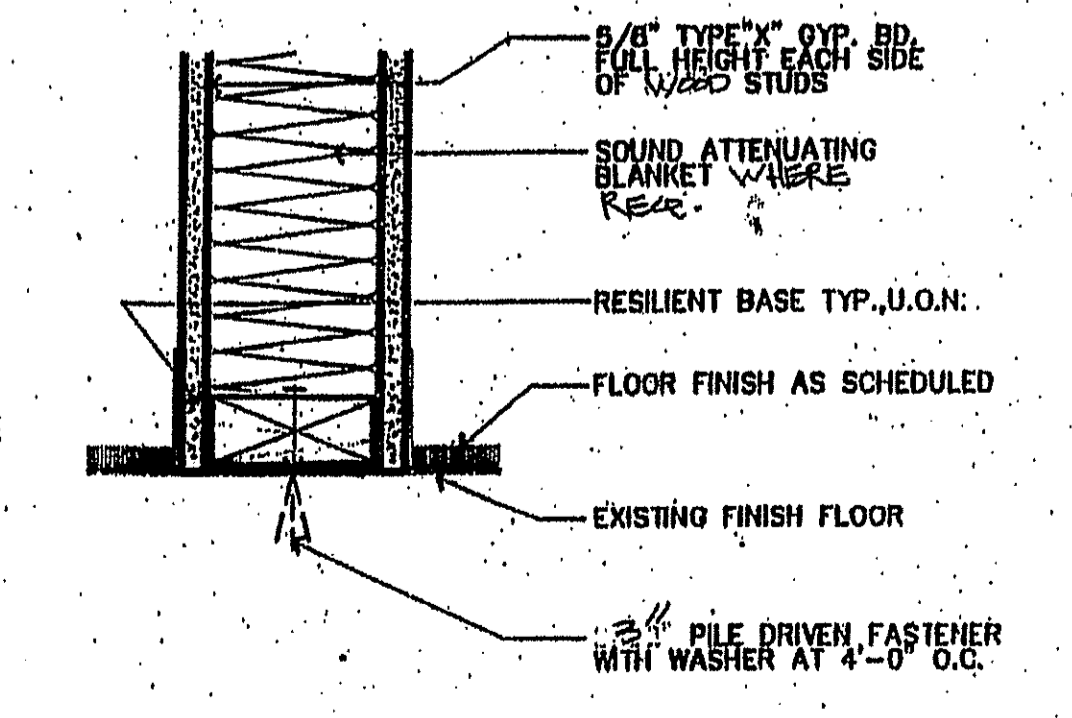
14 PIPE/DUCT AT RATED PARTITION - PLAN
 6" = 1'-0"



16 PARTITION-BASE - SECTION
 TENANT INTERIOR 3" = 1'-0"



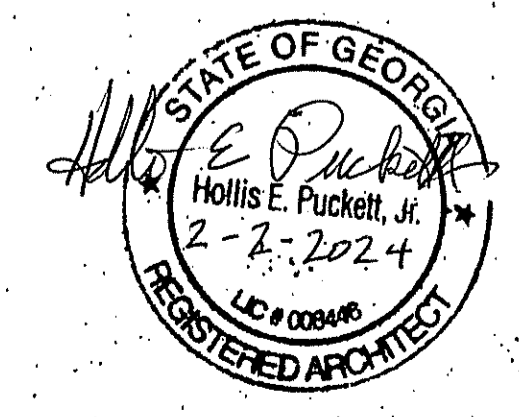
17 PARTITION-BASE - SECTION
 ACOUSTICAL ISOLATION 3" = 1'-0"

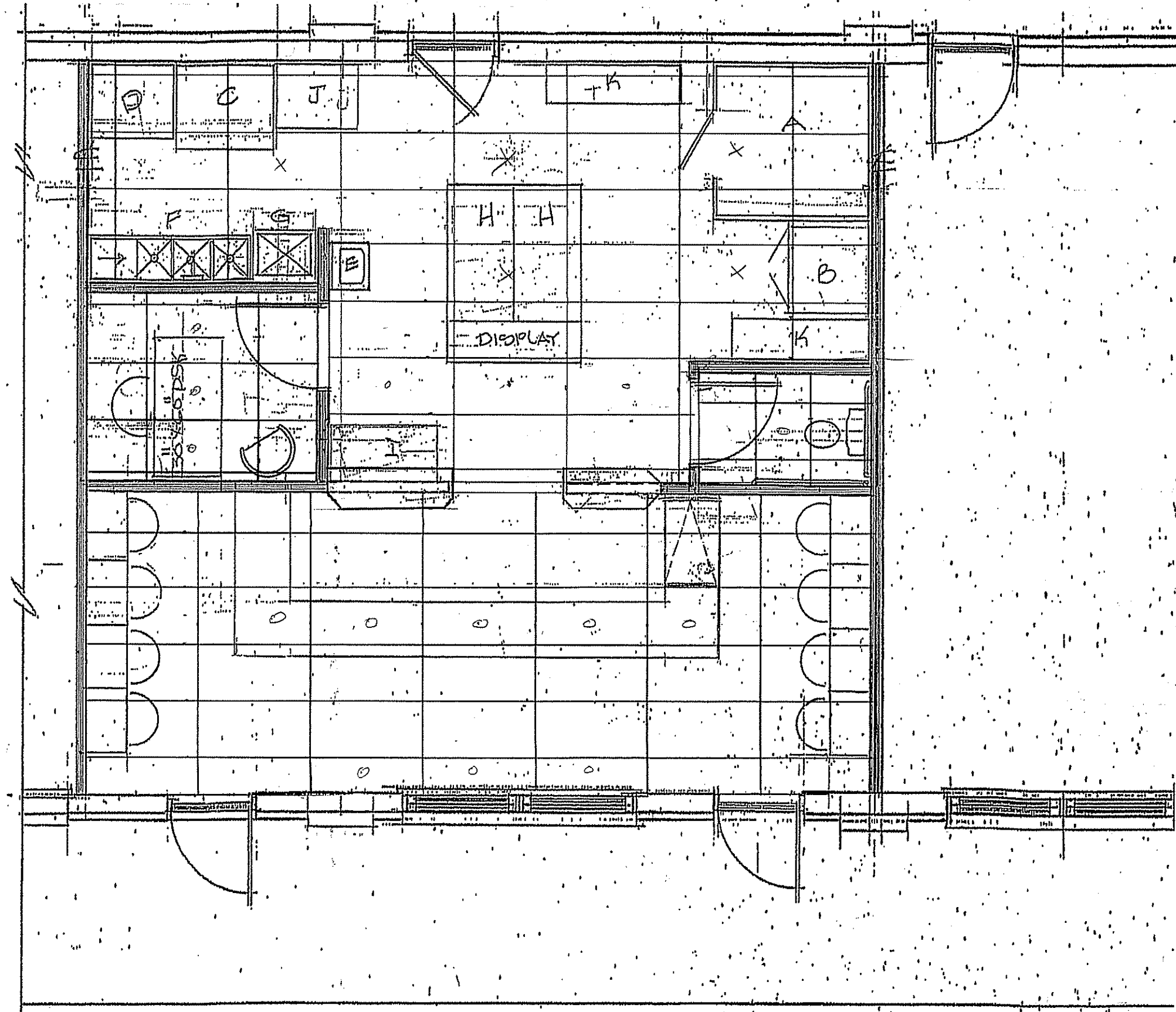
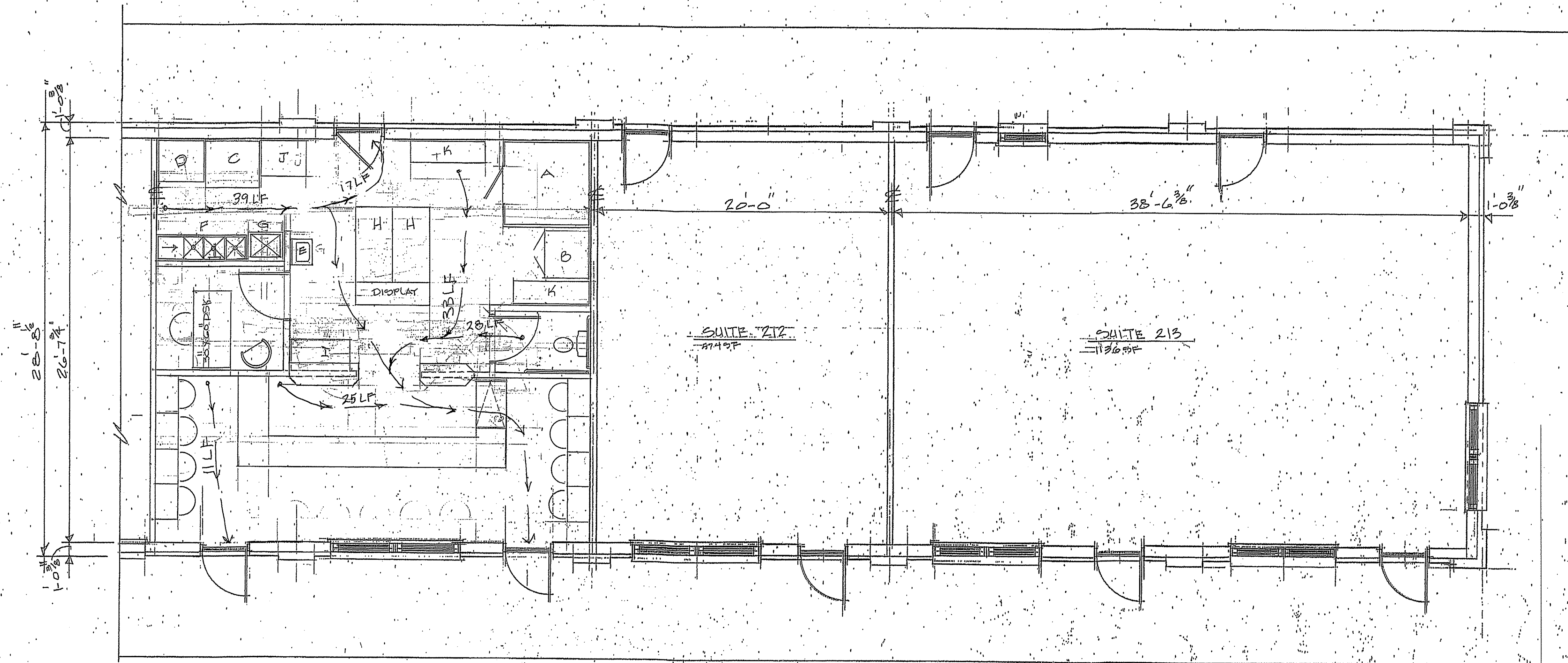


18 PARTITION-BASE - SECTION
 ONE HOUR FIRE RATED 3" = 1'-0"

NOTE:
 CONTRACTOR HAS OPTION TO USE WOOD STUDS AS SHOWN OR 2x4 IN. STEEL STUDS @ 24" O.C. DOES IS TYPE 'D' CONSTRUCTION.

19



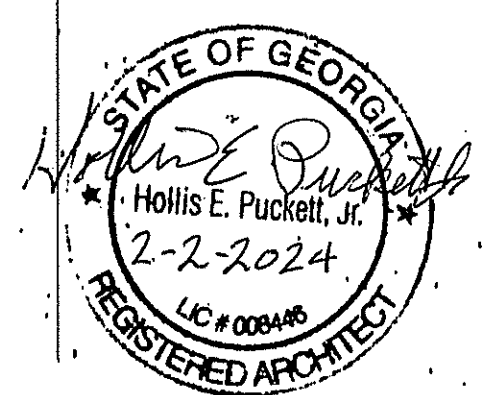


REFLECTIVE CEILING PLAN
 SCALE: 1/4" = 1'-0"

LIFE SAFETY FLOOR PLAN
 NOTE: SUITE SQUARE FOOTAGE FIGURED OUT TO SUIT ON DEPTH OF BLDG AND TO E-1 E-2 WIDTH OF BLDG EXCEPT FOR SUITE 213 AND IT IS 2' TO OUTSIDE FACE OF BLDG.

THE BUTTERY NUT
 BLDG. 5, SUITE 212/213, 2132 PRATT STREET, ATLANTA GA 30307
HEP ARCHITECTURE
 788 Austin Reynolds Road, Bethlehem, Georgia 30620
 CELL: 770-652-8862

NO.	DATE	DESCRIPTION
1	9-6-2023	LAYOUT
2	9-13-2023	REVISION
3	2-2-2024	REVISED



A-6

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PLUMBING FIXTURE SCHEDULE							
TAG	FIXTURE	CW	HW	WASTE	VENT	SPECIFICATION	MODEL
IMB	ICE MAKER BOX	1/2"	N/A	N/A	N/A	RECESSED, WHITE MOLDED PLASTIC, WITH FACEPLATE TRIM, PRE-INSTALLED WATER VALVE	OATEY 38608 OR EQUAL BY GUY GRAY, WATTS, OR JOSAM.
WC	WATER CLOSET	1/2"	N/A	3"	2"	FLOOR MOUNTED, 1.28 GPF TANK, WHITE VITREOUS CHINA, ELONGATED BOWL, SEAT & SUPPLY STOPS. ADA INSTALLATION.	BOWL: ZURN Z5535-K SEAT: ZURN Z5956SS-EL
MOP	SERVICE SINK	1/2"	1/2"	3"	2"	FLOOR MOUNTED 24"x24" SERVICE RECEPTOR W/ WALL GUARD, TILING FLANGE, & SPLASH CATCHER PANELS. SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, AND HOSE THREAD SPOUT. INCLUDE HOSE WITH HOSE BRACKET, AND MOP HANGER.	SINK: FIAT MSB-2424 FAUCET: FIAT 830-AA ACCESSORIES: FIAT 832-AA & 889-CC (OR EQUALS)
FD	FLOOR DRAIN	N/A	N/A	SEE DWGS	SEE DWGS	6" ROUND ADJUSTABLE STRAINER, NICKEL BRONZE FINISH, WITH INTEGRAL TRAP GUARD (FLEXIBLE ELASTOMERIC MATERIAL THAT CLOSURES TRAP WHEN NO WATER IS FLOWING).	PROSET SYSTEMS T25630-F-P FLOOR DRAIN WITH INTEGRAL TRAP GUARD (OR EQUAL).
HD-I	HUB DRAIN - WITH TRAP GUARD	N/A	N/A	SEE DWGS	SEE DWGS	HUB DRAIN WITH INSERTABLE TRAP GUARD (FLEXIBLE ELASTOMERIC MATERIAL THAT CLOSURES TRAP WHEN NO WATER IS FLOWING).	PROSET SYSTEMS TRAP GUARD INSERT (OR EQUAL)
WCO	WALL CLEAN OUT	N/A	N/A	N/A	N/A	SHALLOW COVER OR CHROME PLATED BRONZE DEEP COVER WITH CENTER SCREW.	JR SMITH MODEL 4710 OR EQUAL BY WOODFORD, WATTS, OR ZURN
FCO	FLOOR CLEAN OUT	N/A	N/A	N/A	N/A	TAPER THREAD BRONZE PLUG AND ROUND ADJUSTABLE SCORRIATED SECURED NICKEL BRONZE TOP.	JR SMITH MODEL 4031 OR EQUAL BY WOODFORD, WATTS, OR ZURN

NOTES:
 1. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS.
 2. CONSULT WITH OWNER FOR FINAL MAKE AND MODEL SELECTION PRIOR TO PURCHASE OR INSTALLATION OF FIXTURES.
 3. DRAINS SHALL BE LOCATED AT LOWEST POINT IN AREA SERVED. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
 4. ALL PLUMBING FIXTURES SHALL BE HIGH EFFICIENCY, COMPLYING WITH GA 2014 AMENDMENTS TABLE 604.4. INDIVIDUAL FIXTURE FLOW RATES LISTED IN SPECIFICATIONS ABOVE.

GAS-FIRED WATER HEATER SCHEDULE													
TAG	MANUFACTURER & MODEL NO.	GAS INPUT (BTUH)	FUEL	UNIFORM ENERGY FACTOR	RATED FLOW (GPM)	TEMP. RISE	OUTLET TEMP. SETTING	AIR INTAKE SIZE	EXHAUST VENT SIZE	ELECTRICAL			NOTES
										VOLT/PH.	MCA	MOC/P	
GWH-1	BRADFORD WHITE RTG-199HE	199,000	NAT. GAS	0.92	5.0	75°F	140°F	3"	3"	120/1	4	-	1-9

NOTES:
 1. HIGH EFFICIENCY GAS-FIRED CONDENSING WATER HEATER, MINIMUM 95% EFFICIENCY, RATED FOR INDOOR USE.
 2. DIRECT VENT THROUGH ROOF/WALL WITH CONCENTRIC VENT KIT.
 3. VENTING MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE TO UL STANDARD 1738 (VENTING FOR GAS-BURNING APPLIANCES). INTAKE PIPE NOT REQUIRED TO BE CERTIFIED.
 4. HEATER ACTIVATION AT 0.5 GPM.
 5. ADJUSTABLE OUTLET SETTING.
 6. BALL VALVES WITH UNIONS ON WATER INLET AND OUTLET.
 7. PROVIDE CONDENSATE NEUTRALIZATION SYSTEM.
 8. FIVE YEAR LIMITED HEAT EXCHANGER WARRANTY (COMMERCIAL USE).
 9. PROVIDE HARD WATER FILTER CHZF-16 ON COLD WATER INLET.

EQUAL PRODUCTS BY: RINNAI, A.O. SMITH, LOCHINVAR, NAVIEN

MIXING VALVE SCHEDULE							
TAG	MANUFACTURER & MODEL NO.	TYPE	FLOW (GPM)		EWT (°F)	LWT (°F)	NOTES
			MIN.	MAX.			
MV-A	LEONARD MODEL 170	POINT OF USE	0.25	1.7	20	110	1,2,3

NOTES:
 1. MOUNT BELOW SINK.
 2. ASSE 1017 & 1070 COMPLIANT
 3. TRANSITION TO PIPE SIZES SHOWN AT VALVE INLET/OUTLET

SEISMIC BRACING

SEISMIC BRACING:

- SEISMIC DESIGN CATEGORY = C. OCCUPANCY CATEGORY IS TYPE II.
- GAS PIPING HAS AN Ip OF 1.5. ALL GAS PIPING LARGER THAN 2" IN DIAMETER SHALL BE BRACED; HANGERS AND SWAY BRACING SHALL BE IN ACCORDANCE WITH THE FORCE DISPLACEMENT REQUIREMENTS OF ASCE 7-10 SECTION 13.3.1 & 13.3.2. LARGEST PIPE ON THIS PROJECT IS LESS THAN 2", THEREFORE GAS PIPE DOES NOT REQUIRE BRACING PER ASCE 7-10 SECTION 13.6.8.3.
- ALL OTHER PLUMBING PIPING SYSTEMS HAVE AN Ip EQUAL TO 1.0, AND DO NOT REQUIRE BRACING PER ASCE 7-10 SECTIONS 13.1.4-3 AND 13.6.8.3.
- SEISMIC RESTRAINT MANUFACTURER SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN OF ATTACHMENT HARDWARE AS REQUIRED TO ATTACH RESTRAINTS TO BOTH EQUIPMENT AND SUPPORTING STRUCTURE. SEISMIC RESTRAINTS SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER WITH AT LEAST 5 YEARS EXPERIENCE IN THE DESIGN OF SEISMIC RESTRAINTS. BRACING SHALL BE ENGINEERED BY MASON INDUSTRIES, KINETICS NOISE CONTROL, OR EQUAL. SUBMITTALS TO ARCHITECT/ENGINEER SHALL INCLUDE SIGNED AND SEALED DOCUMENTS CERTIFYING RESTRAINT CAPACITIES.
- THE CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, APPLIANCES, AND EQUIPMENT - PERFORMING ALL OPERATIONS NECESSARY FOR THE COMPLETE INSTALLATION OF THE SEISMIC RESTRAINT ASSEMBLIES. INSTALLATION SHALL BE PER MANUFACTURER'S INSTRUCTIONS.

PLUMBING LEGEND		
ABBR.	SYMBOL	DESCRIPTION
A/C		ABOVE CEILING
AFG		ABOVE FINISHED GRADE
AD		AREA DRAIN
BV	↔	BALL VALVE
B/F		BELOW FLOOR
B/G		BELOW GRADE
CD		CONDENSATE DRAIN
CV	↔	CHECK VALVE
CO		CLEAN OUT
	⊕	CONNECT TO EXISTING
CW	---	COLD WATER
FCO	○	FLOOR CLEAN OUT
FD	⊞	FLOOR DRAIN
FDC	⊞	FIRE DEPARTMENT CONNECTION
FS	⊞	FLOOR SINK
GV	↔	GATE VALVE
HB	↔	HOSE BIBB
HD	○	HUB DRAIN
HW	---	HOT WATER
HWR	---	HOT WATER (RECIRCULATING)
NFWH	⊞	NON-FREEZE WALL HYDRANT
	~~~~~	PIPE TO BE HEAT TRACED
SAN	---	SANITARY PIPING
ST	---	STORM PIPING
WCO	⊞	WALL CLEAN OUT
W	---	WASTE PIPING
V	---	VENT PIPING
VTR	---	VENT THRU ROOF
YCO	○	YARD CLEAN OUT

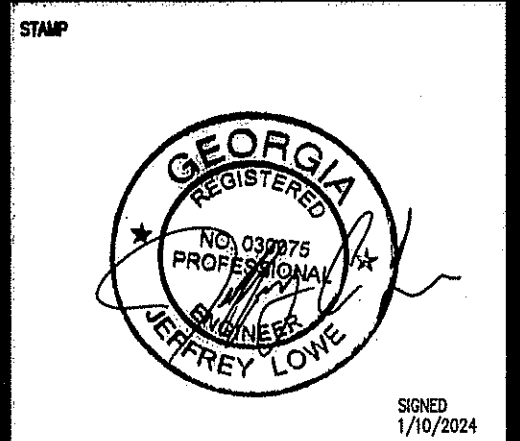
**PLUMBING GENERAL NOTES**

- CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM INCLUDING ALL NECESSARY ACCESSORIES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
- ALL PLUMBING EQUIPMENT AND WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE WITH ALL GEORGIA AMENDMENTS AND ALL APPLICABLE LOCAL CODES, REGULATIONS AND ORDINANCES.
- THIS IS AN EXISTING FACILITY AND NOT ALL EXISTING DUCT, PIPING, AND EQUIPMENT SHOWN ON THESE DRAWINGS WAS FIELD VERIFIED. IT IS THE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE AND VERIFY EXISTING CONDITIONS, DEMOLITION AND NEW WORK PRIOR TO EQUIPMENT AND MATERIALS PURCHASE AND/OR FABRICATION.
- CONTRACTOR SHALL COORDINATE WORK WITH BUILDING OWNER AND OTHER TENANTS.
- OBTAIN ALL INSPECTIONS AS REQUIRED BY LAW, ORDINANCES, RULES, REGULATIONS OF AUTHORITIES HAVING JURISDICTION; FURNISH CERTIFICATES OF SUCH INSPECTIONS.
- SUBMISSION OF A BID OR PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS, SPECIFICATIONS, AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO BIDS FOR MATERIALS AND/OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THROUGH PROPER EXAMINATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY CONNECTIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF PLUMBING FIXTURES.
- INSTALLATION OF ALL FIXTURES, PIPING, AND ACCESSORIES TO BE PER MANUFACTURER'S INSTRUCTIONS.
- ALL PLUMBING EQUIPMENT AND INSTALLATIONS SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR AFTER THE OWNER'S FINAL ACCEPTANCE. ANY DEFECTS IN PRODUCTS, INSTALLATION, OR WORKMANSHIP SHALL BE CORRECTED AT NO ADDITIONAL CHARGE AND SHALL INCLUDE ANY NECESSARY REPAIRS TO WALLS, MILLWORK, ETC. WHICH SHALL BE REPAIRED BACK TO NEW AND FINISHED CONDITION.
- COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL CONTRACTOR.
- COORDINATE PIPING WITH DUCTWORK AND LIGHTING FIXTURES.
- UNLESS INDICATED OTHERWISE, ALL SANITARY, WASTE, AND RAINWATER PIPING SHOWN ON DRAWINGS IS BELOW FLOOR AND ALL WATER AND VENT PIPING IS CONCEALED ABOVE CEILING OR OVERHEAD.
- WATER PIPING LOCATED ABOVE CEILING OR IN EXTERIOR WALLS SHALL BE ROUTED ON THE HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.
- ALL PIPING DROPS IN CHASES AND WALLS ARE TO BE SECURED TO WALLS.
- ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR BE SUPPORTED BY CEILING TILES.
- SANITARY AND DRAINAGE PIPING 3" AND SMALLER SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM. PIPING 4" AND LARGER SHALL BE SLOPED AT 1/4" PER FOOT MINIMUM.
- ALL WATER CLOSET FLUSH VALVE LEVERS SHALL BE LOCATED ON THE APPROACH SIDE OF THE WATER CLOSET.
- VENTS THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'0" FROM ANY OUTSIDE AIR INTAKE.
- ALL PIPING PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE/SMOKE STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. PROSET FIRESTOP PENETRATORS OR APPROVED EQUAL.
- PROVIDE SHUT-OFF VALVES IN DOMESTIC WATER SYSTEM TO CUT OFF WATER SERVICE MAIN INSIDE BUILDING, AT EACH HYDRANT, AND TO ISOLATE EACH FIXTURE IN THE BUILDING, EXCLUDING BATHTUBS. PROVIDE FULL-OPEN VALVES.
- PROVIDE CLEANOUT PLUGS AT EACH 90° CHANGE IN DIRECTION AND AT THE LOWEST LEVEL OF ALL SANITARY AND WASTE STACKS. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
- CAP ALL OPEN PIPING ENDS DURING CONSTRUCTION TO PREVENT THE ENTRY OF DEBRIS INTO PLUMBING SYSTEMS.
- PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING VALVE CONNECTIONS, SUCH AS WASHING MACHINES, ICE MAKERS, DISHWASHERS, FLUSH VALVES, OR DRINKING FOUNTAINS. WATER HAMMER ARRESTORS SHALL COMPLY WITH ASSE 1010.
- PROVIDE TRAP PRIMERS (AUTOMATIC OR WATER SAVER) ON ALL FLOOR AND HUB DRAINS.
- DOMESTIC WATER PIPING SHALL CONFORM TO NSF 61 SHALL BE CPVC OR COPPER. CPVC SHALL BE RATED FOR HOT AND COLD WATER DOMESTIC WATER USAGE, ADHERING TO ASTM D 1784, ASTM D 2846 & NSF STANDARD NO. 14. COPPER SHALL BE TYPE 'L' HARD COPPER.
- WASTE & DRAIN PIPING MATERIALS: ABOVE GROUND INTERIOR: SCHEDULE 40 PVC OR SERVICE WEIGHT CAST IRON (CAST IRON REQUIRED IN HVAC PLENUMS). ALL PLASTIC PIPE, FITTINGS AND COMPONENTS SHALL CONFORM TO NSF 14. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC OR COPPER TUBING WITHIN HVAC PLENUMS.
- GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL ASTM A 53 SEAMLESS OR CONTINUOUS WELD AS MANUFACTURED IN THE UNITED STATES BY KELLY PIPE, LTV, U.S. STEEL, WHEATLAND, OR EQUAL. PIPE THICKNESS SHALL BE IN ACCORDANCE WITH ANSI B36.10, LATEST EDITION. GAS PIPING LARGER THAN 2.5" OR HIGHER THAN 2 PSI SHALL BE WELDED CONSTRUCTION. VALVES 2" AND SMALLER SHALL BE AGA OR UL APPROVED. SHUT OFF VALVES SHALL BE COMPLIANT WITH ASME B16.33.
- INSULATION: INSULATE COLD WATER PIPING IN UNCONDITIONED SPACES AND HOT WATER PIPING (REGARDLESS OF MATERIAL) WITH PRE-FORMED FOAM PIPE INSULATION, IMCOLOK OR EQUAL. INSULATION SHALL HAVE A MINIMUM THICKNESS OF 1" WITH A MINIMUM R-VALUE OF R-4. PIPING 1.5" AND LARGER SHALL BE INSULATED WITH MINIMUM 1.5" THICK INSULATION.
- INSULATION SHALL NOT BE APPLIED PRIOR TO PRESSURE TESTING.
- INSULATE ALL EXPOSED PIPING UNDER HANDICAP LAVATORIES WITH TRU-BRO OR EQUAL.
- WATER SUPPLIES TO ANY ICEMAKER, COFFEE MAKER, COKE MACHINE, ETC. SHALL HAVE CHECK VALVES. WATER SUPPLIES TO ANY FAUCET WITH HOSE CONNECTION SHALL HAVE A VACUUM BREAKER AND CHECK VALVE.
- ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. LOCATED WITHIN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
- POTABLE WATER SYSTEM DISINFECTION: NEW OR REMODELED WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MATERIAL AND DISINFECTED PRIOR TO UTILIZATION PER LOCAL AHJ OR AS OUTLINED IN SECTION 610 OF THE 2012 INTERNATIONAL PLUMBING CODE. IPC REQUIRES PIPES TO BE FLUSHED WITH CLEAN WATER, FILLED WITH 50 PPM CHLORINE SOLUTION FOR 24 HOURS, AND FLUSHED AGAIN UNTIL CHLORINE IS PURGED.
- TESTING AND ADJUSTMENTS: UPON COMPLETION OF WORK, TEST PIPING SYSTEMS AS FOLLOWS:
  - DOMESTIC HOT AND COLD WATER: HYDROSTATIC TEST 1.5 TIMES THE HIGHEST OPERATING PRESSURE OR MAXIMUM 120 PSIG FOR A MINIMUM OF TWO HOURS, TO A MAXIMUM OF (24) TWENTY-FOUR HOURS. FOLLOW MANUFACTURER'S GUIDELINES FOR TESTING.
  - DRAINAGE SYSTEMS INCLUDING SANITARY DRAINAGE, ROOF DRAINAGE, AND SANITARY VENTS: TEST PER LOCAL AUTHORITY AND STATE PLUMBING CODE.
  - PLASTIC PIPING SHALL NOT BE TESTED WITH AIR.

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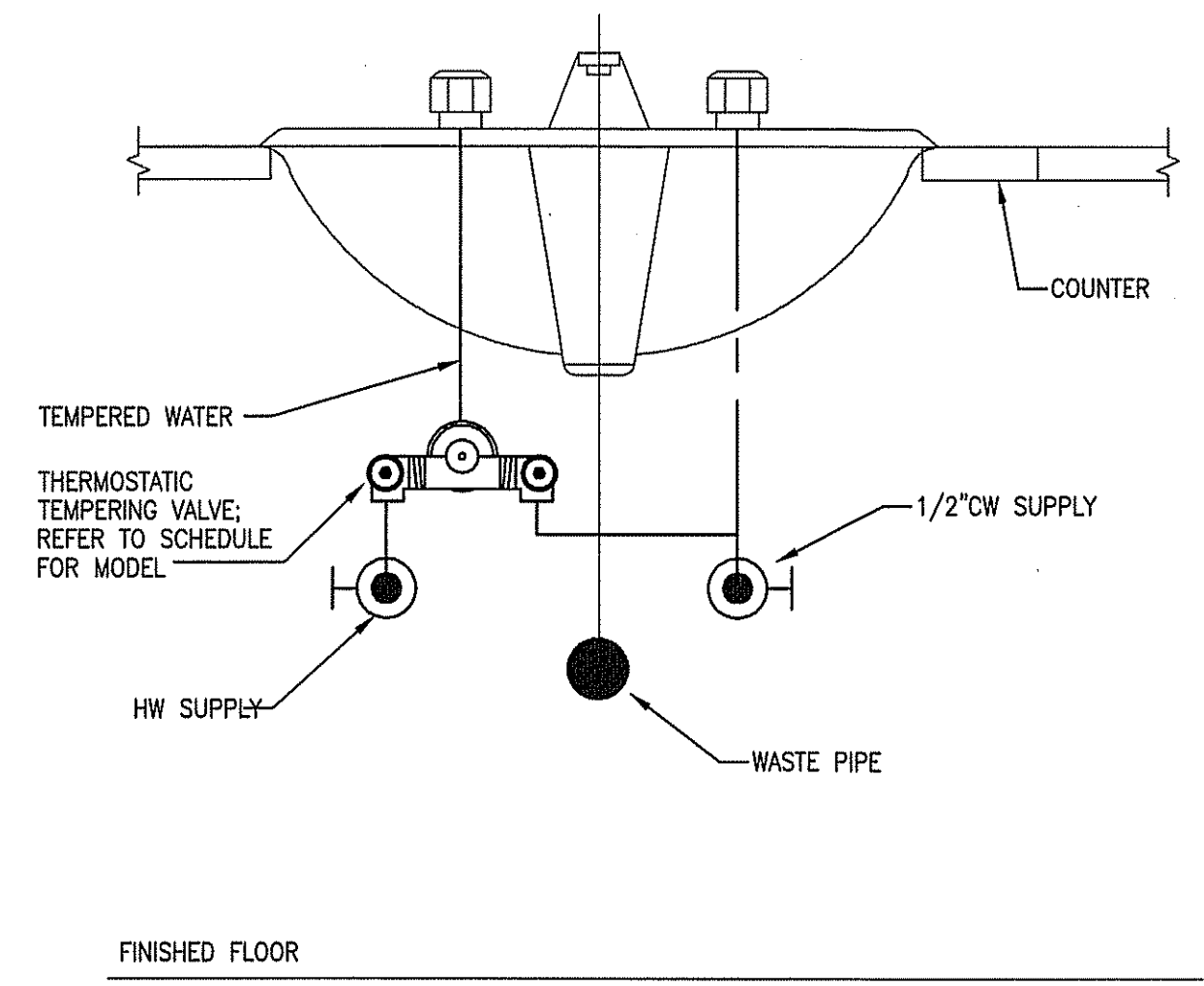
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DATE	01.10.2024	REV.

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**PLUMBING NOTES & SCHEDULES**

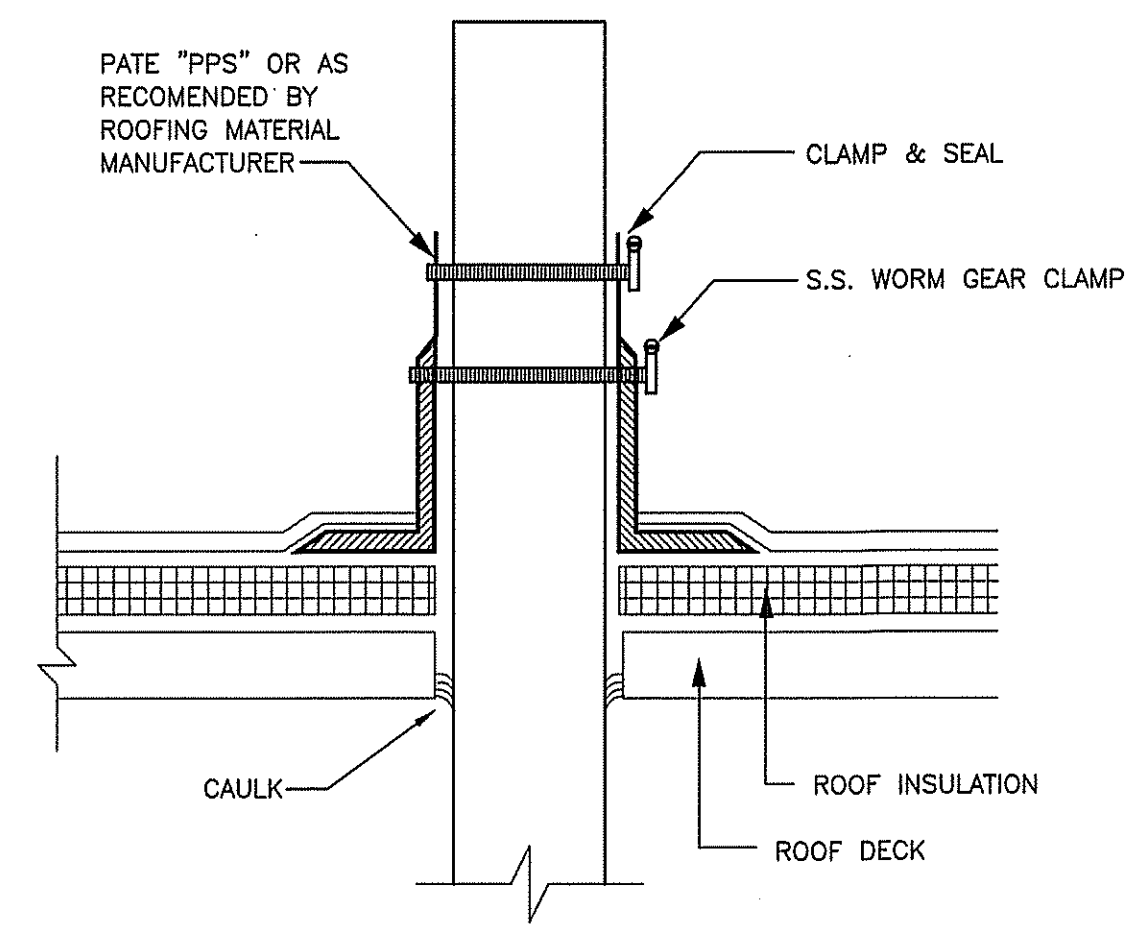
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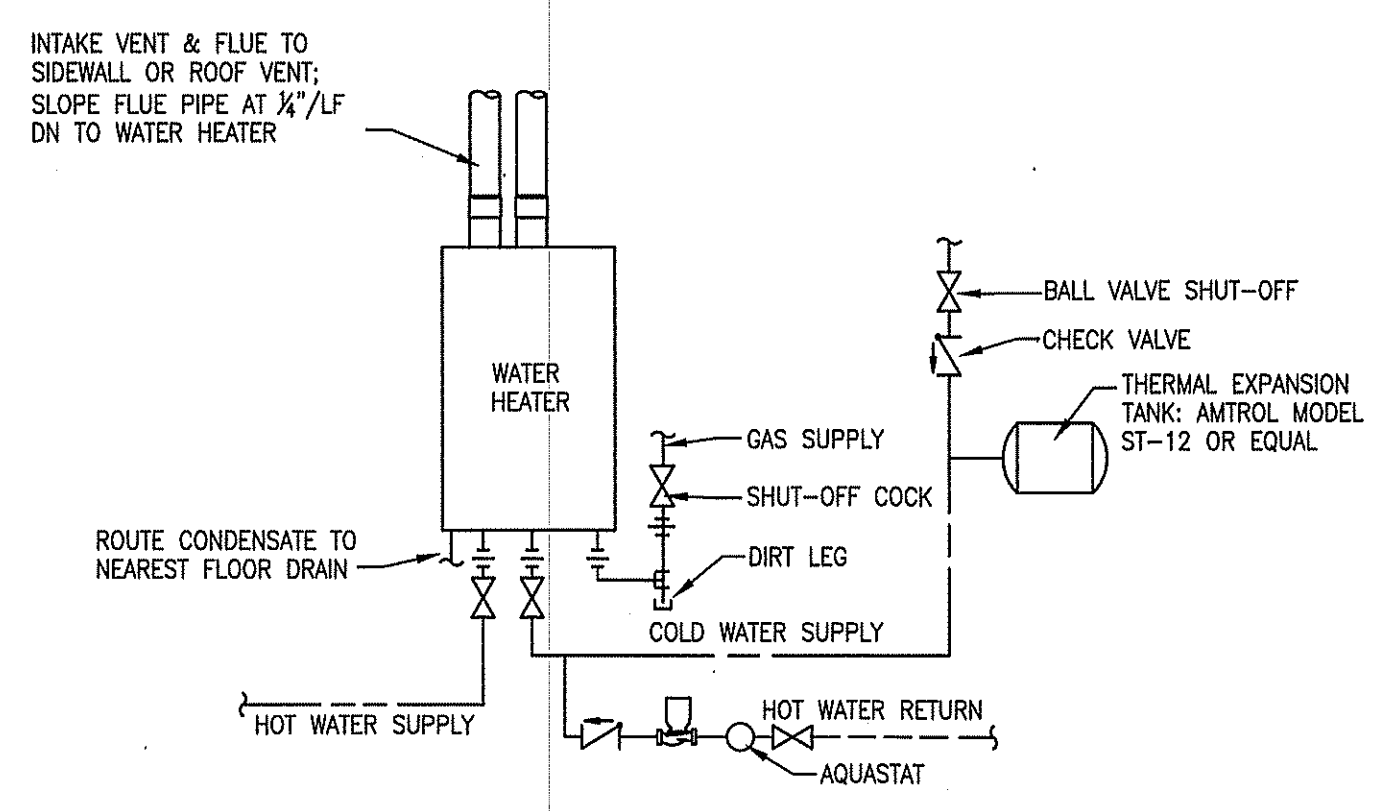




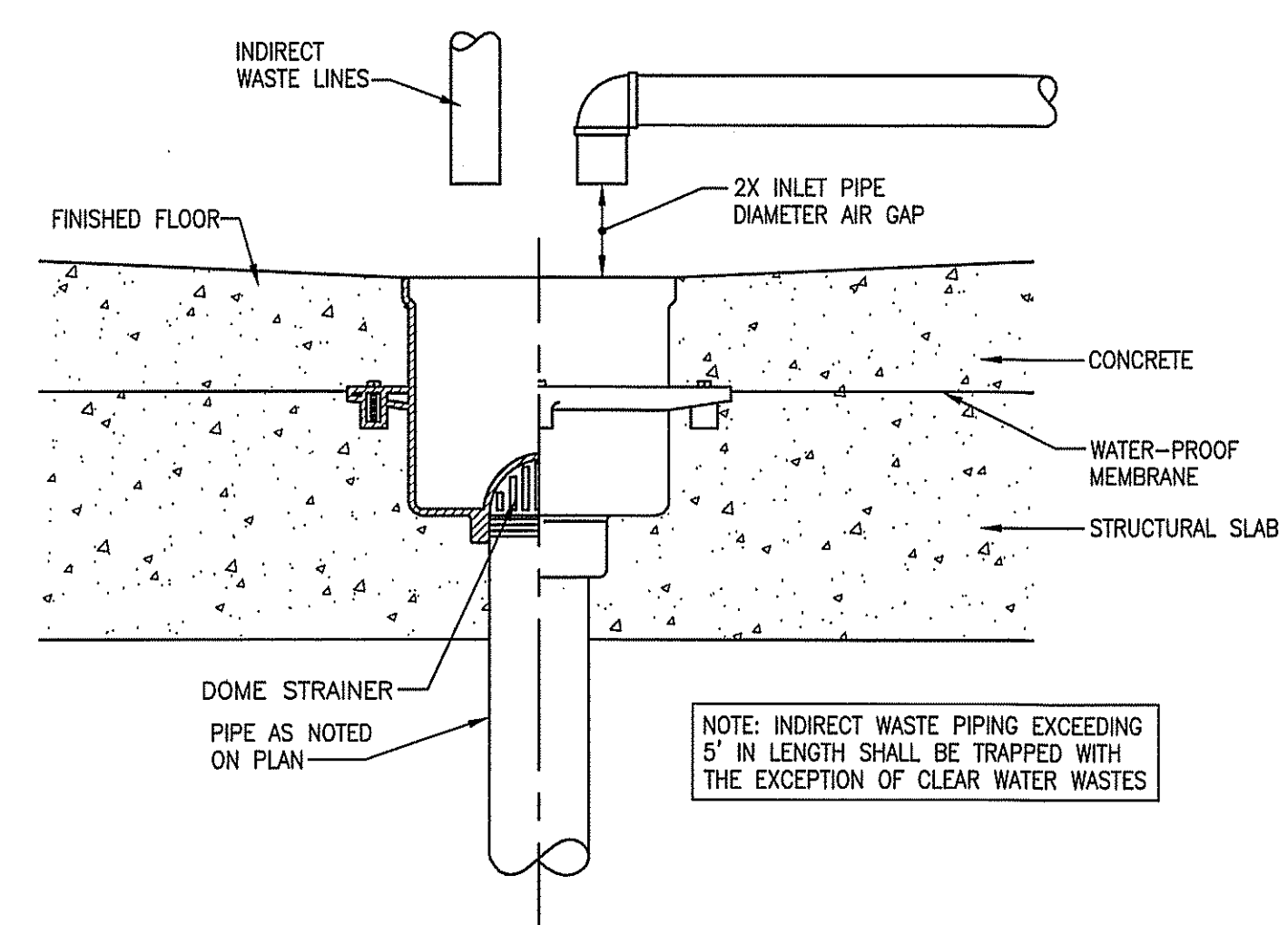
**1 LOCAL MIXING VALVE**  
NOT TO SCALE



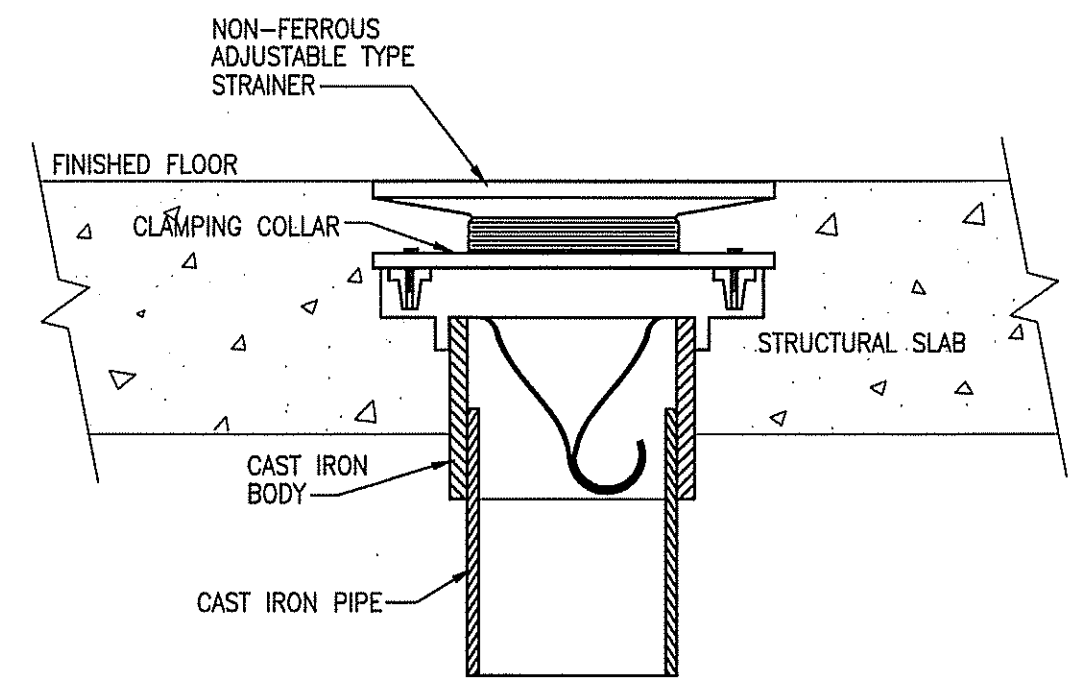
**2 VENT THROUGH ROOF DETAIL**  
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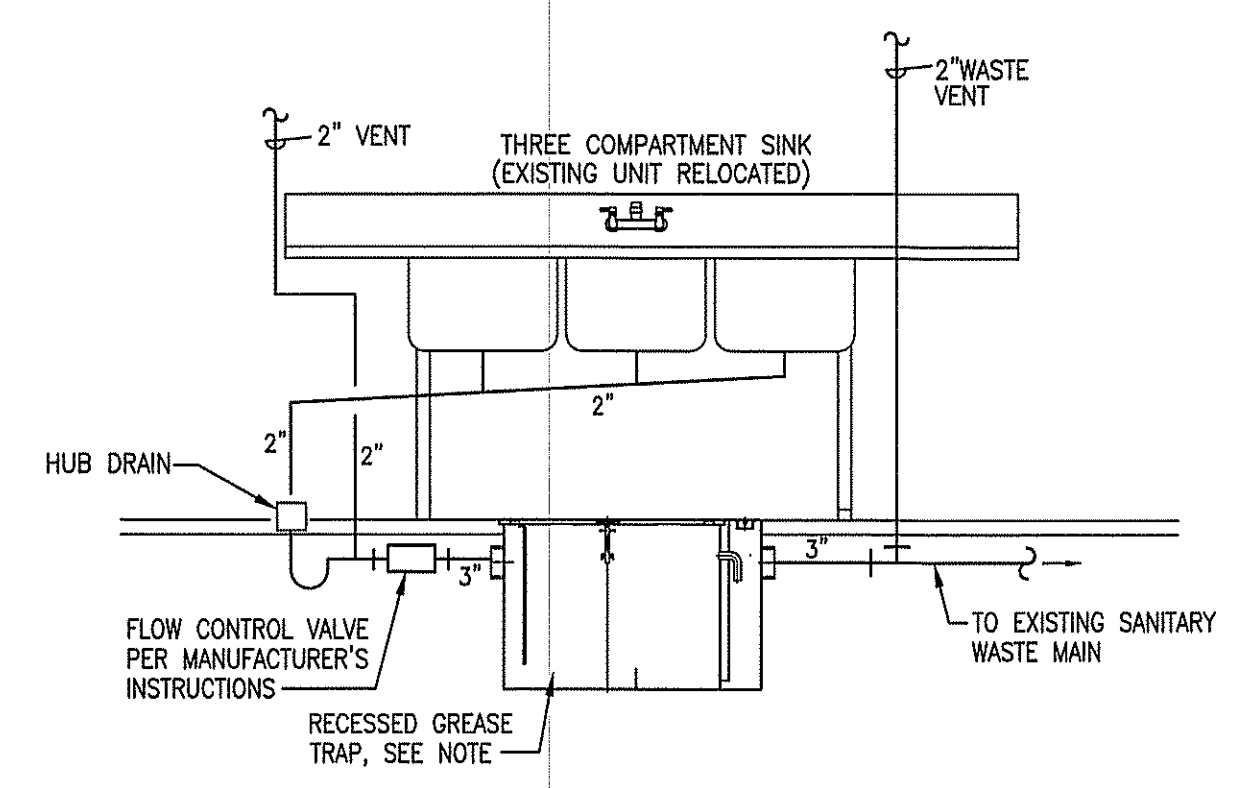
**3 TANKLESS GAS WATER HEATER**  
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**4 FLOOR SINK DETAIL**  
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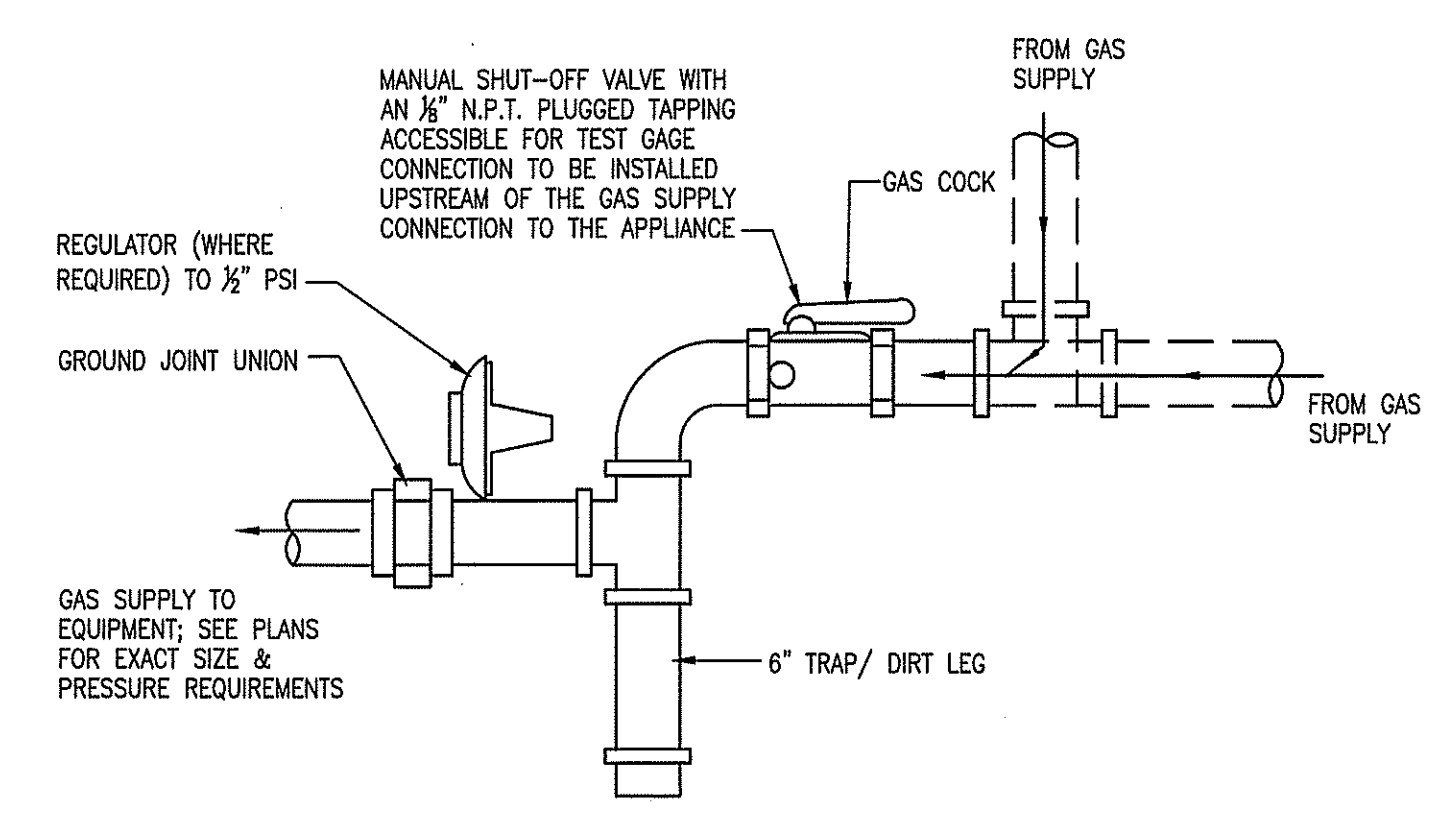


**5 PROSET FLOOR DRAIN WITH INTEGRAL TRAP GUARD**  
NOT TO SCALE

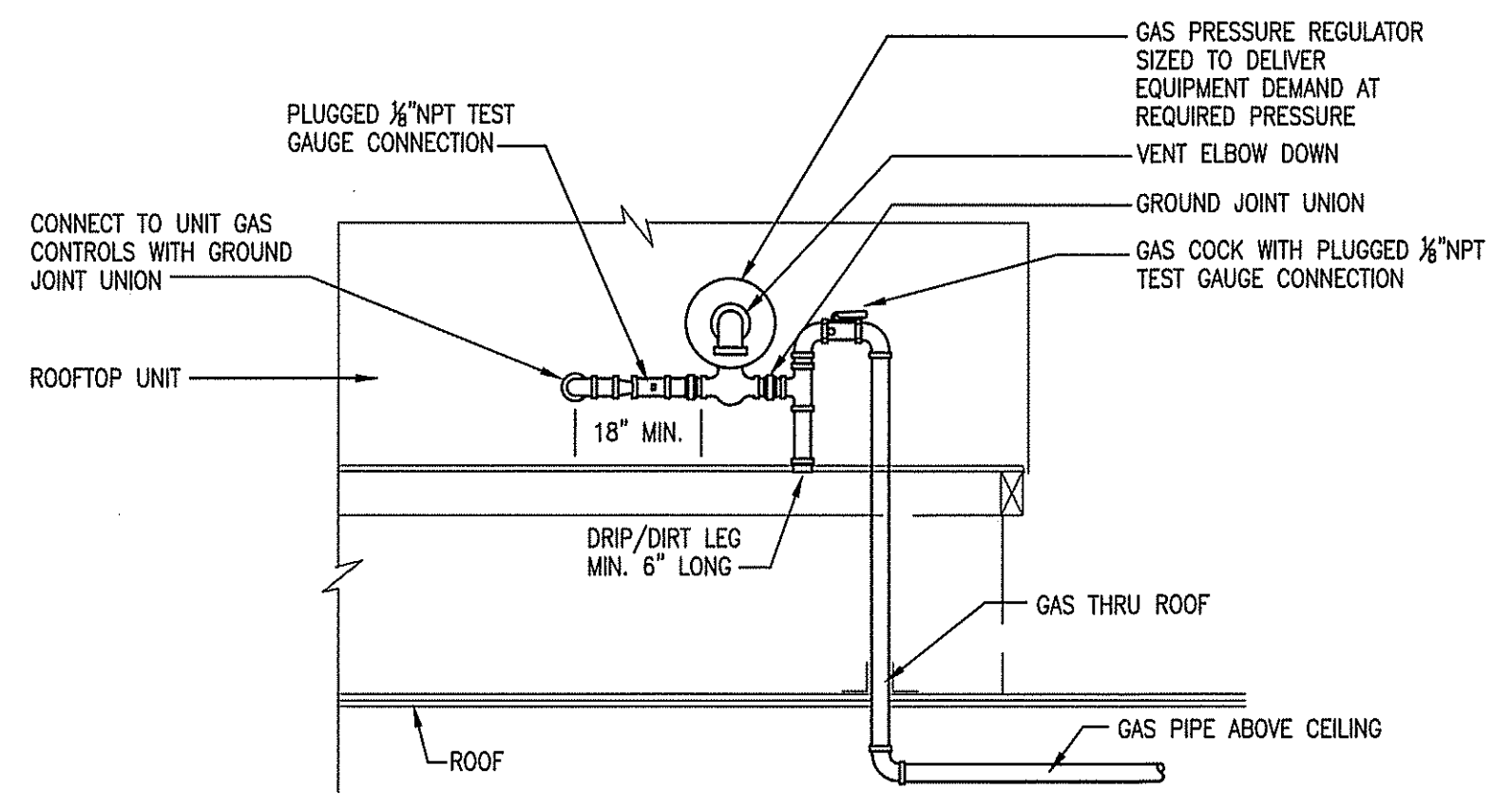


**INSTALLATION NOTES:**  
1. GREASE TRAP IS SHOWN AS RECESSED FLUSH WITH FLOOR; PROVIDE EXTENSION AS NEEDED FOR PROPER DEPTH AND TO MAKE PIPING CONNECTIONS.  
2. DETAIL SHOWN USING ZURN MODEL 1170-800. MINIMUM 50 GPM/100LB CAPACITY. TRAP HAS DIMENSIONS OF 36\"/>

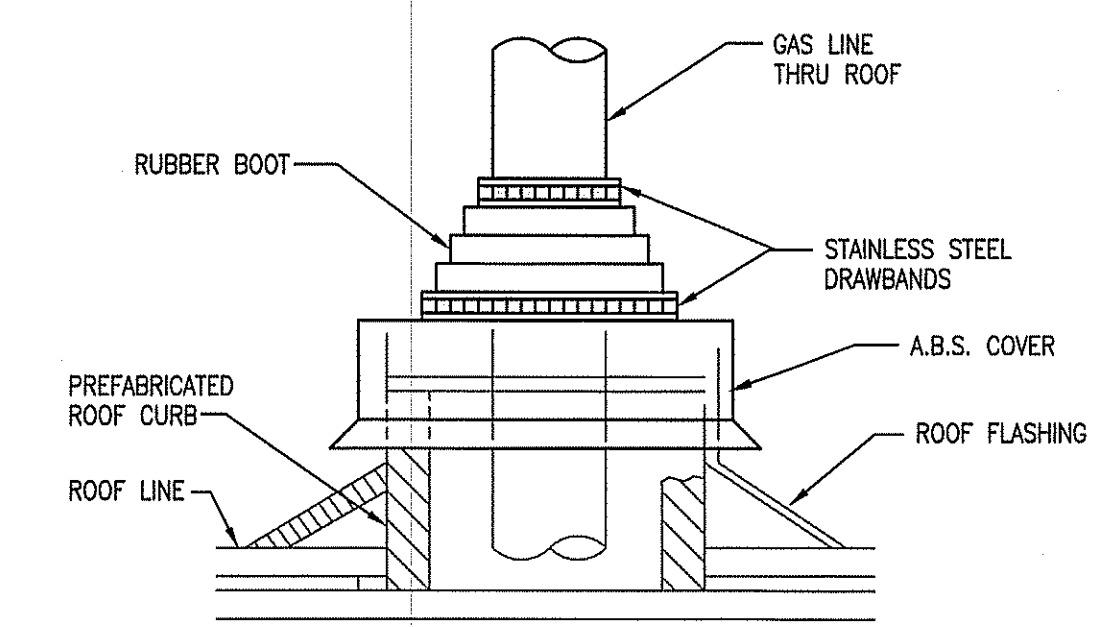
**6 GREASE INTERCEPTOR BELOW 3-COMP SINK**  
NOT TO SCALE



**7 GAS CONNECTION TO EQUIPMENT**  
NOT TO SCALE



**8 GAS CONNECTION TO ROOF-TOP EQUIPMENT**  
NOT TO SCALE



**9 GAS LINE ROOF PENETRATION**  
NOT TO SCALE

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GEORGIA REGISTERED PROFESSIONAL ARCHITECT  
JEFFREY LOWE  
SIGNED 1/10/2024

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**SHEET TITLE**  
PLUMBING DETAILS

**SHEET NUMBER**  
P0.2

CONSULTANTS

TANNER HOSKINS  
CONSULTANTS, LLC

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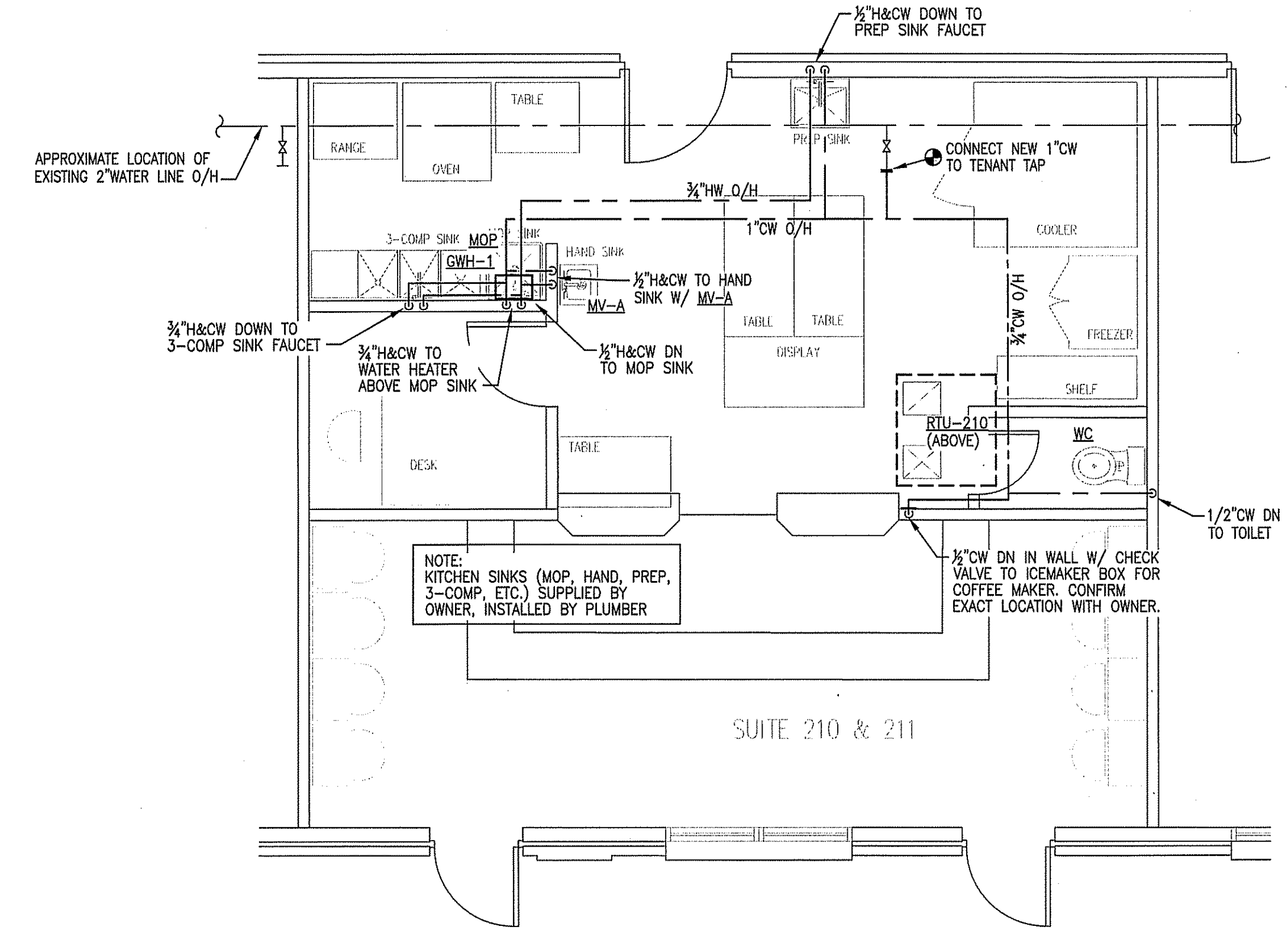
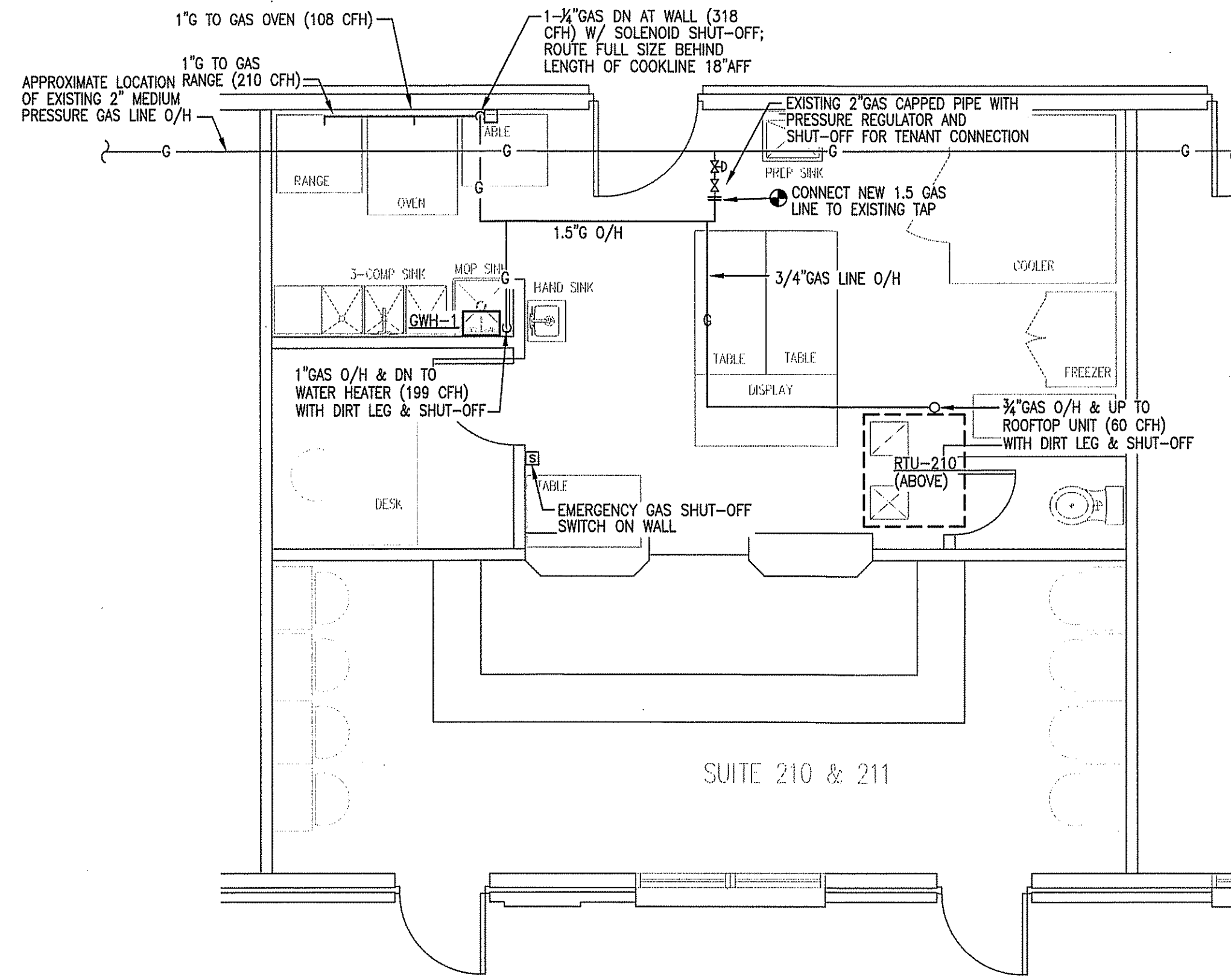
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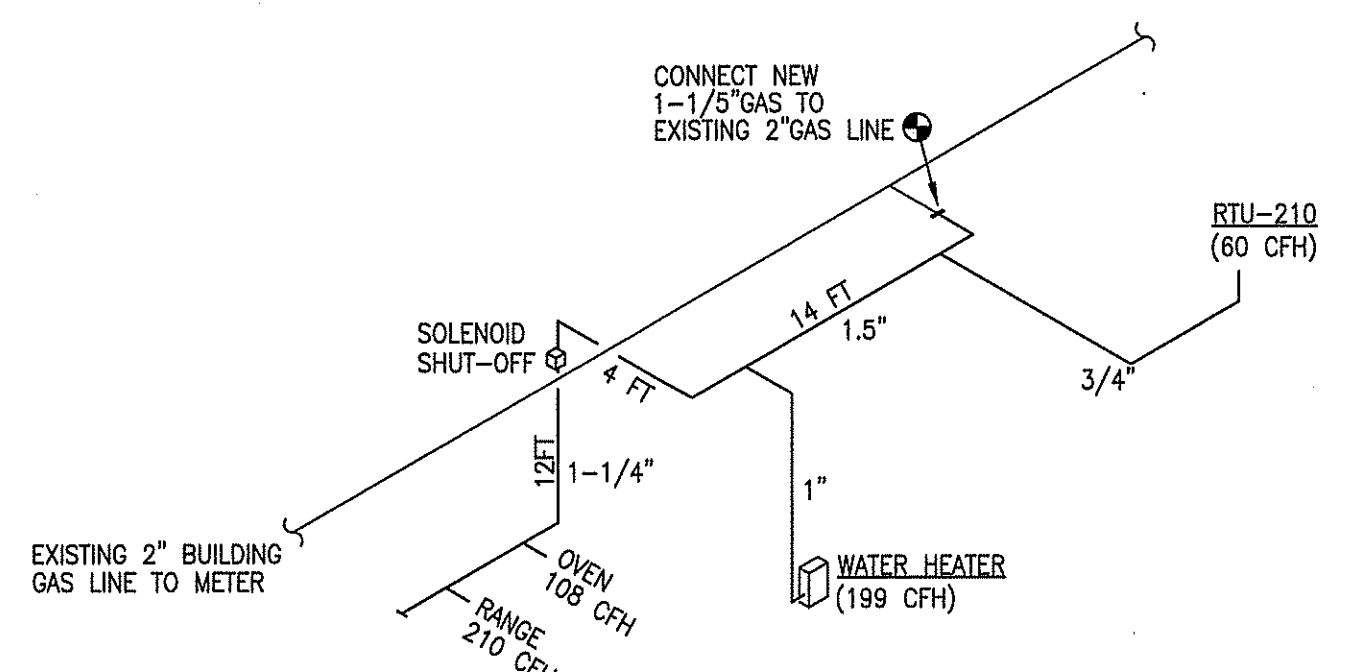
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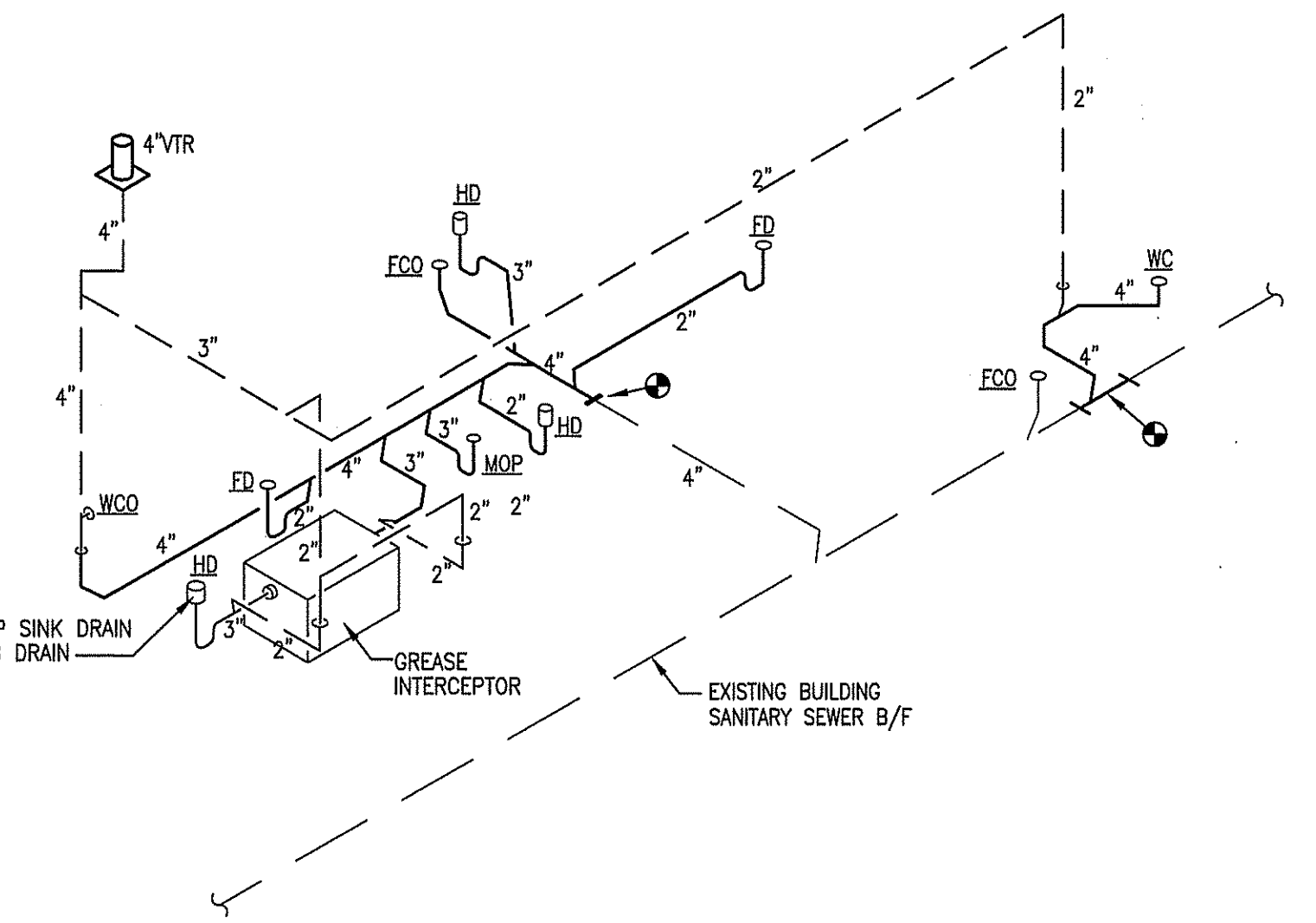


**1 PLUMBING PLAN - GAS**  
P1.1 SCALE: 1/4" = 1'0"

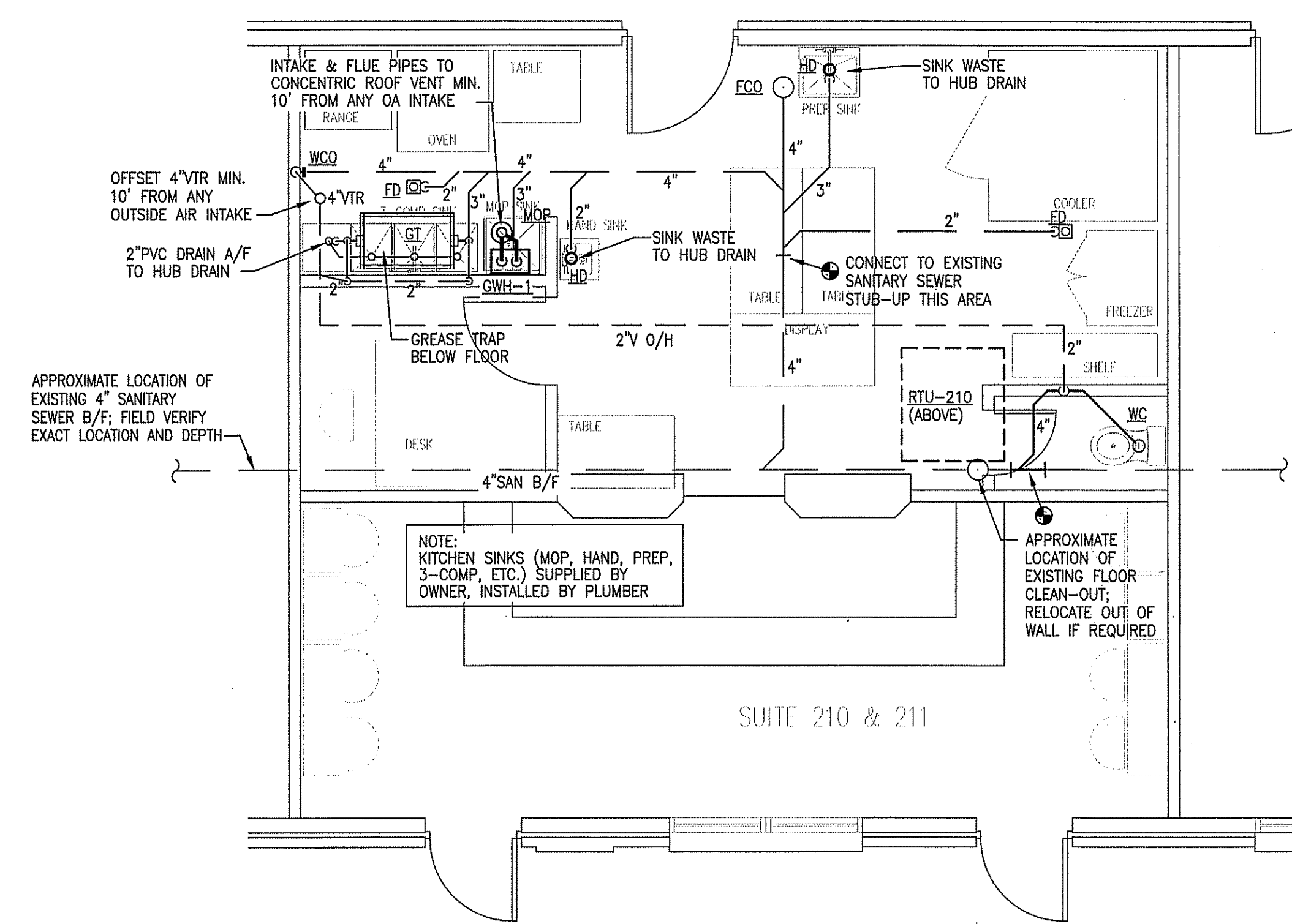
**2 PLUMBING PLAN - WATER**  
P1.1 SCALE: 1/4" = 1'0"



**4 GAS RISER DIAGRAM**  
P1.1 NOT TO SCALE



**5 WASTE PIPE RISER DIAGRAM**  
P1.1 NOT TO SCALE



**3 PLUMBING PLAN - S, W & V**  
P1.1 SCALE: 1/4" = 1'0"

STAMP

SIGNED 1/10/2024

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SHEET TITLE

PLUMBING  
FLOOR PLANS

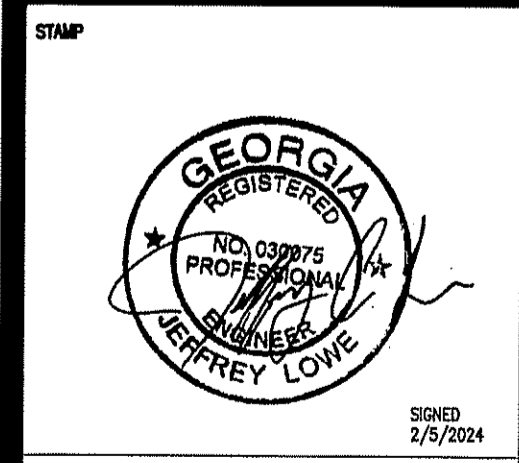
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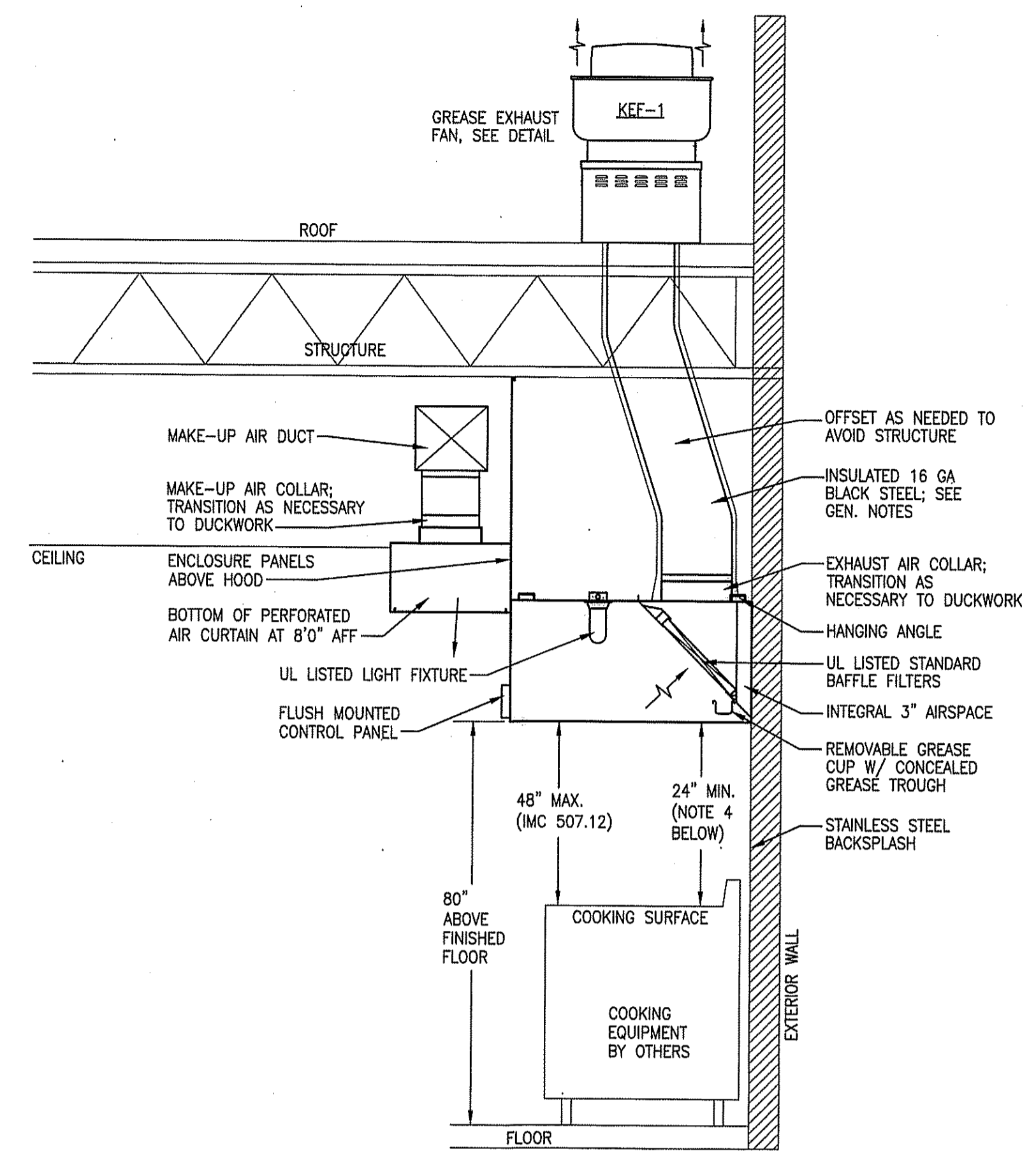
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JOB #	2023 58	REV.
DATE	02.05.2024	REV.

**SHEET TITLE**  
 MECHANICAL FLOOR PLAN & DETAILS

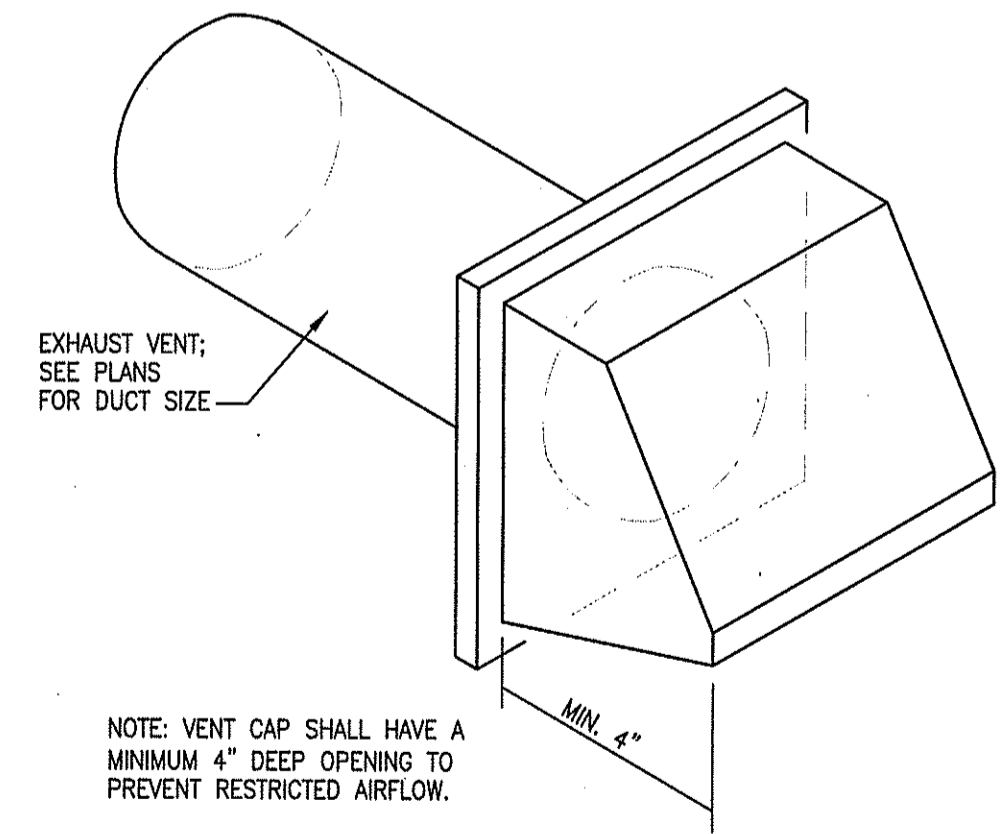
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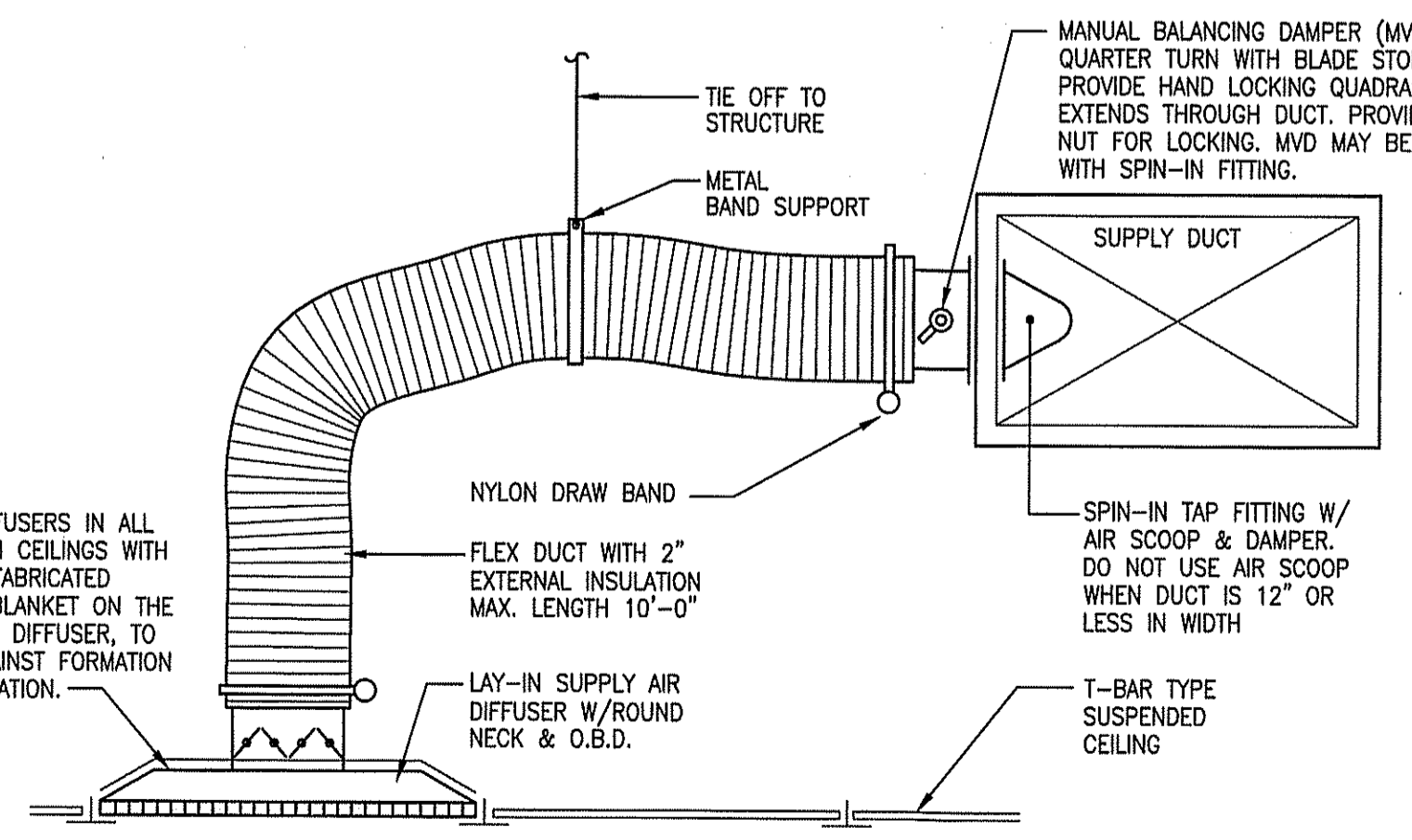


- NOTES:**
- KITCHEN HOOD IS PROVIDED AND INSTALLED BY HVAC CONTRACTOR. COORDINATE WITH KITCHEN EQUIPMENT PROVIDER LAYOUT. SUBMIT LAYOUT WITH HOOD SUBMITTALS TO ENGINEER.
  - THIS DETAIL IS SHOWN FOR INFORMATION AND DIMENSIONAL PURPOSES ONLY. COORDINATE EXACT HOOD SELECTION AND TYPE WITH KITCHEN HOOD SCHEDULE.
  - THE HOOD SHALL EXTEND A MINIMUM OF 6" BEYOND THE EDGE OF THE COOKING SURFACE (IMC 507.12).
  - THE LOWEST EDGE OF THE GREASE FILTER SHALL BE AT LEAST 24" ABOVE THE COOKING SURFACE FOR AN APPLIANCE WITH AN EXPOSED FLAME AND BURNERS (IMC 507.11).
  - PROVIDE AN APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM COMPLYING WITH 2018 INTERNATIONAL BUILDING CODE & INTERNATIONAL FIRE CODE (IMC 509.11).
  - THIS DETAIL IS BASED ON A TYPE 1 COMPENSATING HOOD; A LABEL SHALL BE PROVIDED ON HOOD INDICATING EXHAUST AND MAKE-UP AIR FLOWS (IMC 508.2).
  - CONTRACTOR SHALL VERIFY THAT THE HOOD(S) USED ON THIS PROJECT MEET THE REQUIREMENTS STATED ABOVE, AND NOTIFY ENGINEER PRIOR TO ORDERING AND INSTALLING IF THESE REQUIREMENTS CANNOT BE MET.

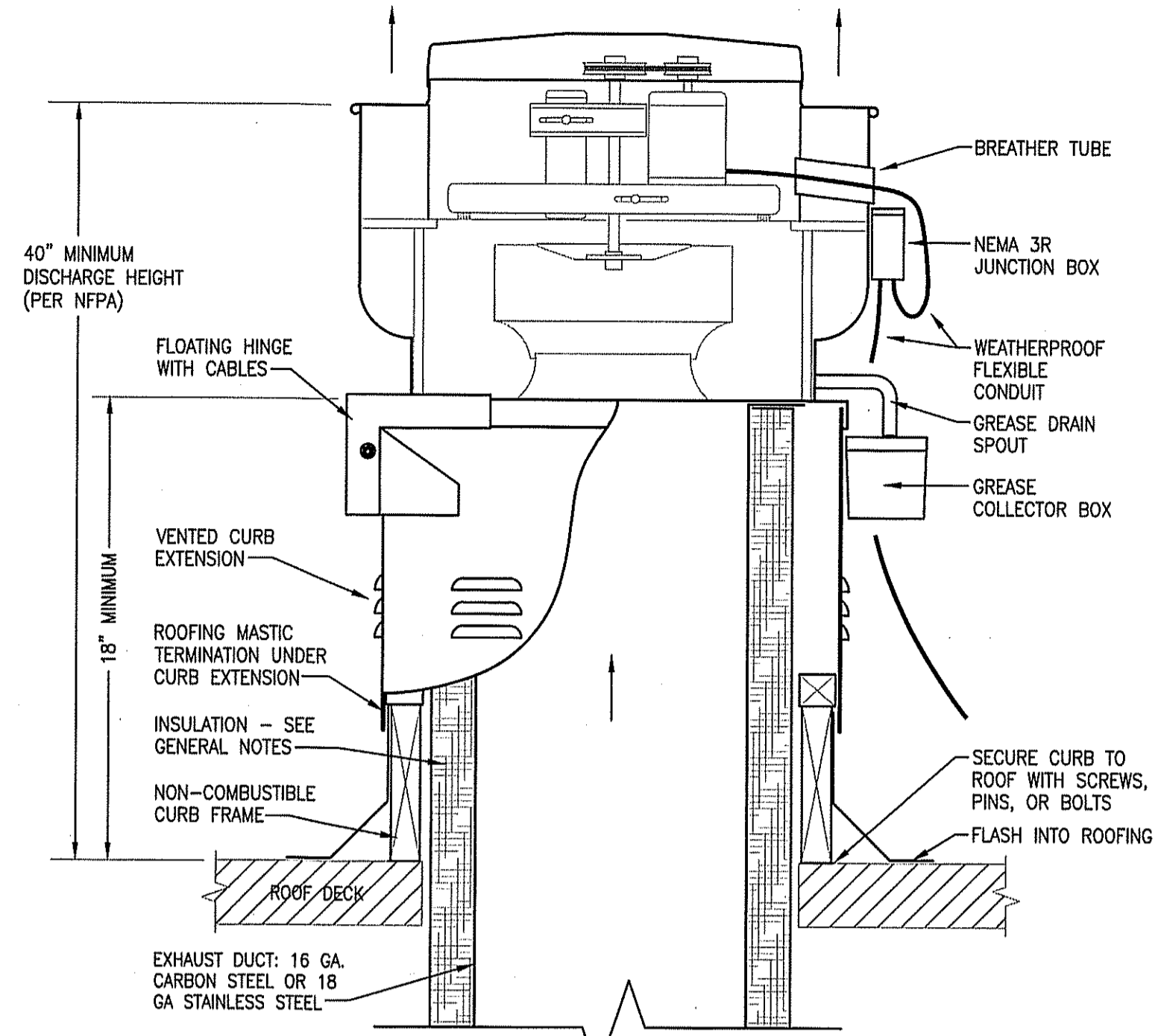
**2 KITCHEN HOOD DETAIL**  
 NOT TO SCALE



**4 EXHAUST VENT CAP**  
 NOT TO SCALE

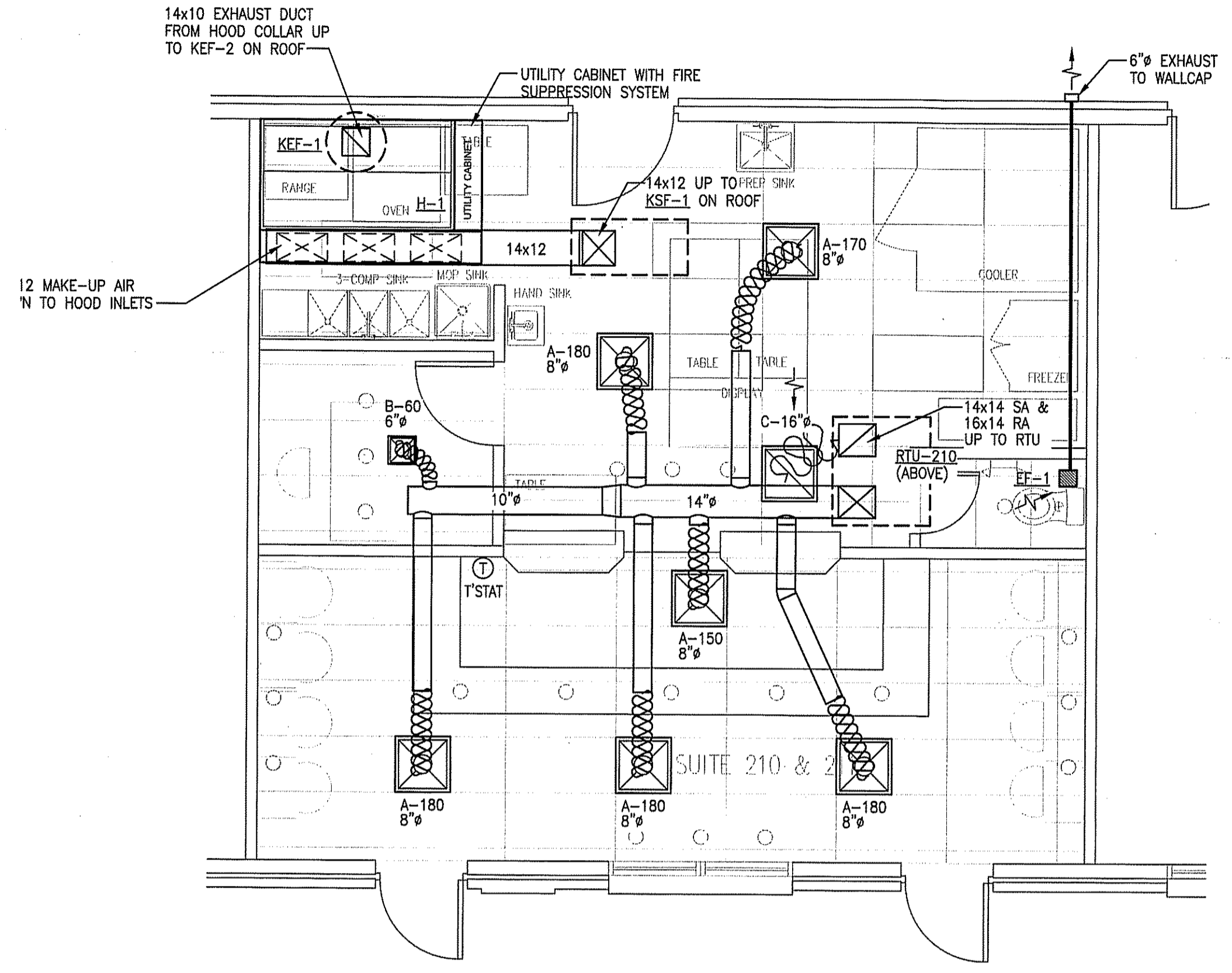


**5 SUPPLY AIR DIFFUSER DETAIL**  
 NOT TO SCALE

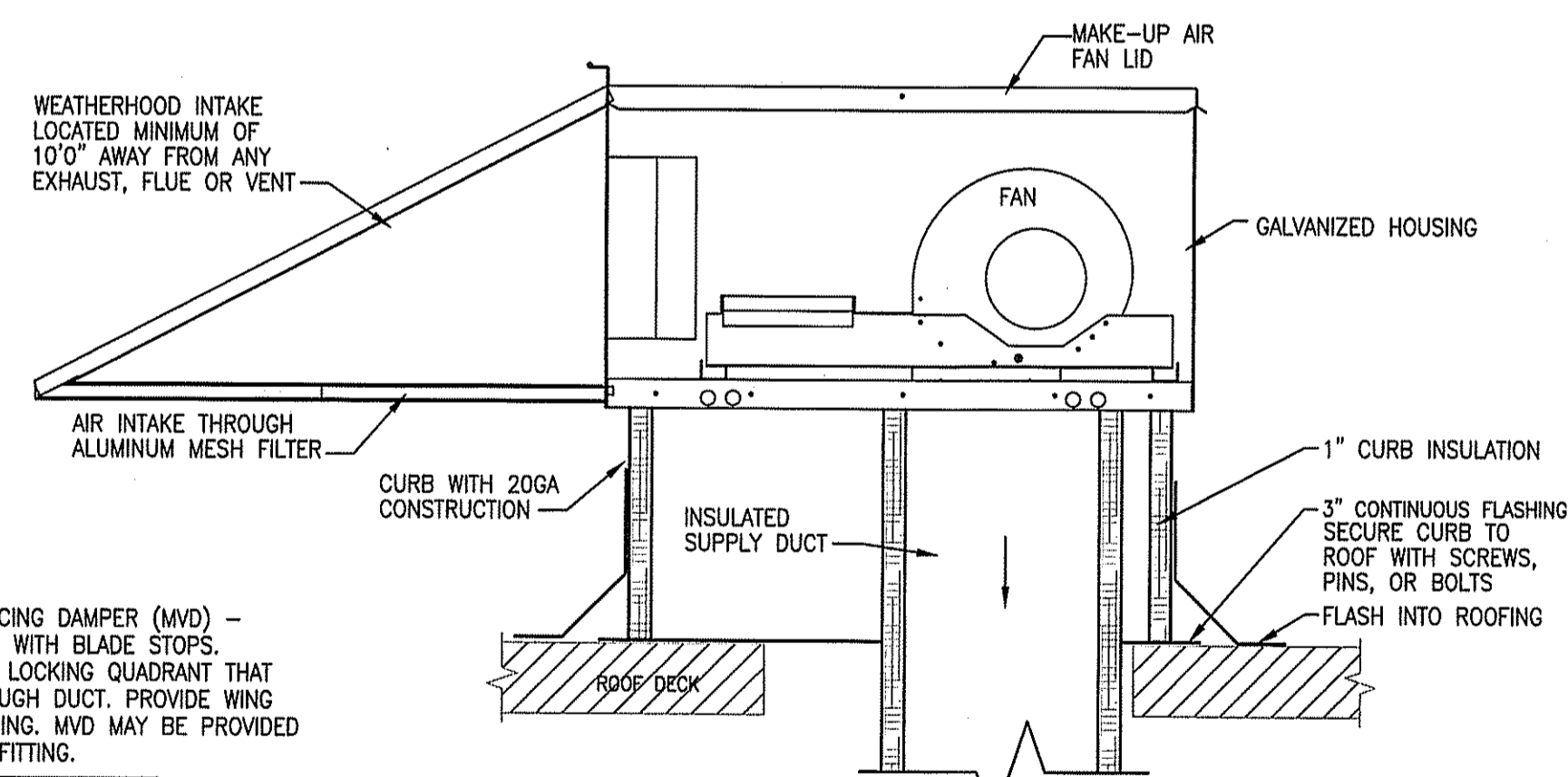


**3 ROOF MOUNTED GREASE EXHAUST UPBLAST FAN**  
 NOT TO SCALE

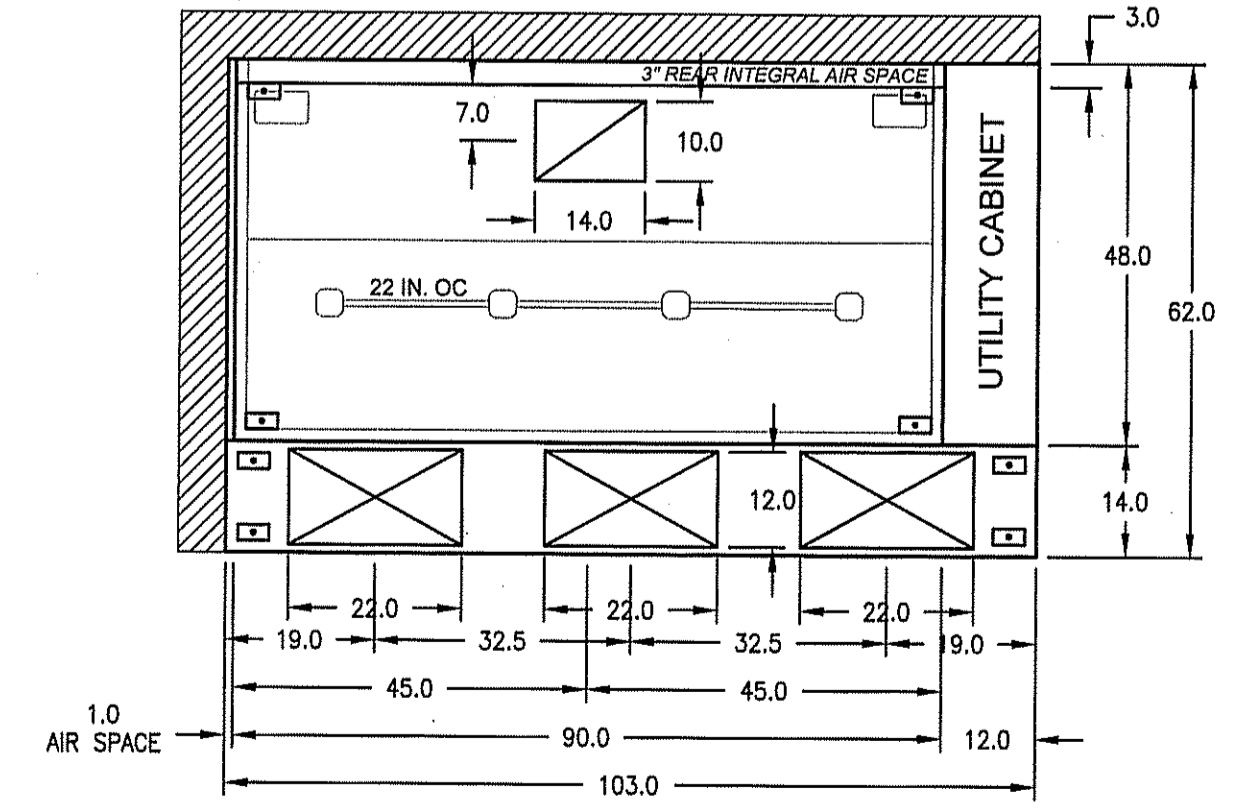
- NOTES:**
- FAN SHALL BE LOCATED A MINIMUM OF 10' HORIZONTALLY FROM ANY AIR INTAKE
  - EXHAUST DUCT SHALL EXTEND A MINIMUM OF 18" ABOVE ROOF SURFACE.
  - EXHAUST DUCT: TRANSITION TO FAN INLET SIZE. LENGTH OF DUCT WHERE VELOCITY FALLS BELOW 500 FPM SHALL NOT EXCEED THREE FEET (NFPA 96 8.2.1).



**1 MECHANICAL FLOOR PLAN**  
 M1.1 SCALE: 1/4" = 1'-0"



**6 MAKE-UP AIR FAN**  
 NOT TO SCALE



**7 KITCHEN HOOD PLAN**  
 NOT TO SCALE

ELECTRICAL ABBREVIATIONS	
ACT	ABOVE COUNTERTOP OR BACKSPLASH
AC	ABOVE COUNTER
AMP	AMPERES
AF/AFG	ABOVE FINISHED FLOOR/ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BC	BELOW CEILING
BD	BOARD
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CAP	CAPACITY
CBKR	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CL	CENTER LINE
COL	COLUMN
CONN	CONNECTION
CONT	CONTINUATION
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
DET	DETAIL
DF/EDF	ELECTRICAL DRINKING FOUNTAIN
DN	DOWN
DS	DISCONNECT SWITCH
DWG	DRAWING
EA	EACH
EC	EMPTY CONDUIT
EF	EXHAUST FAN
ELEC	ELECTRIC
EQ	EQUIPMENT
EX	EXISTING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FU	FUSED
FL	FLOOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GN/D/G	GROUND
HP	HORSEPOWER
IG	ISOLATED GROUND
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATT
KAIC	KILO-AMPERE INTERRUPTING CAPACITY
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MISC	MISCELLANEOUS
MRS	MOTOR RATED SWITCH
MTR	MOTOR
MTD	MOUNTED
N	NEW
NEC	NATIONAL ELECTRICAL CODE
NF	NONFUSED
NO.	NUMBER
NTS	NOT TO SCALE
PNL	PANEL
PVC	POLYVINYL CHLORIDE CONDUIT
R	RELOCATED
RTU	ROOF TOP UNIT
SH	SHEET
SW	SWITCH
TEF	TOILET EXHAUST FAN
UNO	UNLESS NOTED OTHERWISE
WG	WIRE GUARD
WH	WATER HEATER
WP	WEATHER PROOF
XFMR	TRANSFORMER

- ELECTRICAL GENERAL NOTES**
- ALL WORK WITHIN THIS DIVISION SHALL COMPLY WITH ALL LOCAL BUILDING REGULATIONS, CODES, LAWS, ORDINANCES, AND REQUIREMENTS OF THE 2020 NATIONAL ELECTRICAL CODE.
  - AT THE COMPLETION OF HIS/HER WORK, THE CONTRACTOR SHALL SUBMIT "AS BUILT" DRAWINGS TO THE OWNER. THESE "AS BUILT" DRAWINGS SHALL SERVE AS A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS.
  - DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY INDICATE EVERY FITTING AND DETAIL. ALL WORK SHALL BE INSTALLED SO THAT JUNCTION BOXES AND COMPONENTS SHALL BE ACCESSIBLE FOR SERVICE.
  - ALL EQUIPMENT, SYSTEMS, COMPONENTS, WORK, ETC. PROVIDED AND INSTALLED UNDER THIS DIVISION SHALL BE COVERED BY A COMPLETE TWO YEAR GUARANTEE STARTING AT THE TIME OF FINAL APPROVAL AND ACCEPTANCE OF THE WORK BY THE OWNER. ANY DEFECTS IN THE EQUIPMENT, SYSTEMS, COMPONENTS, ETC. FOUND DURING THIS TWO YEAR TIME SHALL BE CORRECT AT NO CHARGE. THIS GUARANTEE SHALL INCLUDE PROVIDING ALL NECESSARY PATCHWORK, CUTTING, REPAINTING, ETC. TO INSURE THE WORK IS COMPLETE AND NEW.
  - ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER ACCORDING TO GENERAL ACCEPTED PRINCIPALS OF FIRST CLASS WORKMANSHIP.
  - THESE DRAWINGS INDICATE THE GENERAL ARRANGEMENT AND LOCATION OF ELECTRICAL WORK. DATA SHOWN ON THESE DRAWINGS IS AS ACCURATE AS PLANNING CAN DETERMINE BUT FIELD VERIFICATION OF ALL DIMENSIONS, LEVELS, LOCATIONS, ETC. TO FIELD CONDITIONS SHALL BE REQUIRED. CONTRACTOR SHALL REVIEW ALL ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS AND SHALL ADJUST ALL WORK TO MEET THE REQUIREMENTS OF CONDITIONS INDICATED.
  - CONTRACTOR SHALL COOPERATE AND COORDINATE WITH OTHER TRADES TO INSURE THAT INSTALLATION OF ELECTRICAL EQUIPMENT AND OUTLETS SHALL BE PROPERLY COORDINATED. CONDUIT, FIXTURES, AND EQUIPMENT LOCATIONS SHALL BE CHECKED AND COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH STEEL PIPING, BEAMS, DUCTWORK, OR OTHER OBSTRUCTIONS.
  - WHERE WORK BY THE GENERAL CONTRACTOR (NEW OR RELOCATED WALL OPENINGS, WALL REMOVAL, ETC.) RESULTS IN THE RELOCATION, REMOVAL, OR REFEEDING OF ELECTRICAL DEVICES OR LIGHTING FIXTURES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM(S) AS REQUIRED.
  - RING OUT ALL CIRCUITS IN EXISTING PANEL(S) AFFECTED BY THIS ALTERATION. WHERE ADDITIONAL CIRCUITS ARE NEEDED, REUSE CIRCUITS THAT ARE AVAILABLE FOR REUSE AND/OR PROVIDE NEW BREAKERS. ALL UNUSED CIRCUITS SHALL BE TAGGED AS SPARE AND ALL INOPERATIVE CIRCUIT BREAKERS SHALL BE REPLACED. ALL CONNECTIONS SHALL BE TIGHTENED AS REQUIRED.
  - ALL EXISTING FIRE ALARM, POWER DISTRIBUTION, JUNCTION BOXES, ETC. SHALL BE RELOCATED IF LOCATED OVER A CEILING SCHEDULED AS GYP/SUM BOARD. ALL EXISTING JUNCTION BOXES SHALL BE RELOCATED TO ACCESSIBLE LOCATIONS AS NECESSARY.
  - WHERE ANY EXISTING CIRCUIT(S) TO REMAIN IS INTERRUPTED BY CONSTRUCTION, CIRCUIT SHALL BE MADE CONTINUOUS.
  - PROVIDE "HACR" TYPE BREAKERS FOR ALL MECHANICAL EQUIPMENT.
  - IN CASES WHERE CONFLICT OCCURS BETWEEN DRAWINGS AND SPECIFICATIONS OR BETWEEN DIFFERENT TRADES, AS WELL AS CASES OF ANY OMISSION OF INFORMATION, NOTIFY THE ARCHITECT OR ENGINEER TO RESOLVE AND OBTAIN RESOLUTION OF THE CONFLICT OR OMISSION BEFORE PROCEEDING WITH THE INSTALLATION.
  - WHERE DEMOLITION DISRUPTS ELECTRICAL CONTINUITY OF EXISTING RECEPTACLES AND/OR LIGHTS, AND NO RECONNECTION IS INDICATED, RECONNECT TO ITS EXISTING CIRCUIT.
  - ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS. WIRING SHALL BE INSTALLED AT DEPTHS BELOW FINISHED GRADE (BELOW SLAB AND SUB-BASE LEVEL) PER NEC 300.5.
  - PROVIDE ALL GROUNDING AS REQUIRED PER NEC.
  - A COMMON NEUTRAL SHALL BE USED AS PERMITTED BY THE NEC FOR MULTIWIRE BRANCH CIRCUITS. A SEPARATE NEUTRAL SHALL BE PROVIDED FOR ALL CIRCUITS CONNECTED TO GROUND FAULT CIRCUIT INTERRUPTED (G.F.C.I.) TYPE DEVICES.
  - ALL BRANCH CIRCUIT CONDUCTORS SHALL INCLUDE A SEPARATE, GREEN GROUND WIRE, SIZED PER NEC AS INDICATED CONNECTED TO EACH DEVICE AND OUTLET BOX ON THE CIRCUIT AND TO THE PANELBOARD GROUND BUS. MULTIPLE WIRE BRANCH CIRCUITS WITH COMMON NEUTRALS REQUIRE ONLY ONE GROUND WIRE UNLESS OTHERWISE NOTED.
  - PROVIDE #12 AWG GROUND WIRE FOR ALL MECHANICAL EQUIPMENT UNLESS OTHERWISE NOTED. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT.
  - ALL CONDUCTORS SHALL BE COPPER WITH TYPE "THW" OR "THHN" INSULATION. THE MINIMUM WIRE SIZE SHALL BE #12 AWG WITH 167 DEGREE TEMPERATURE RATING.
  - MINIMUM HOMERUN SIZE SHALL BE 3/4".

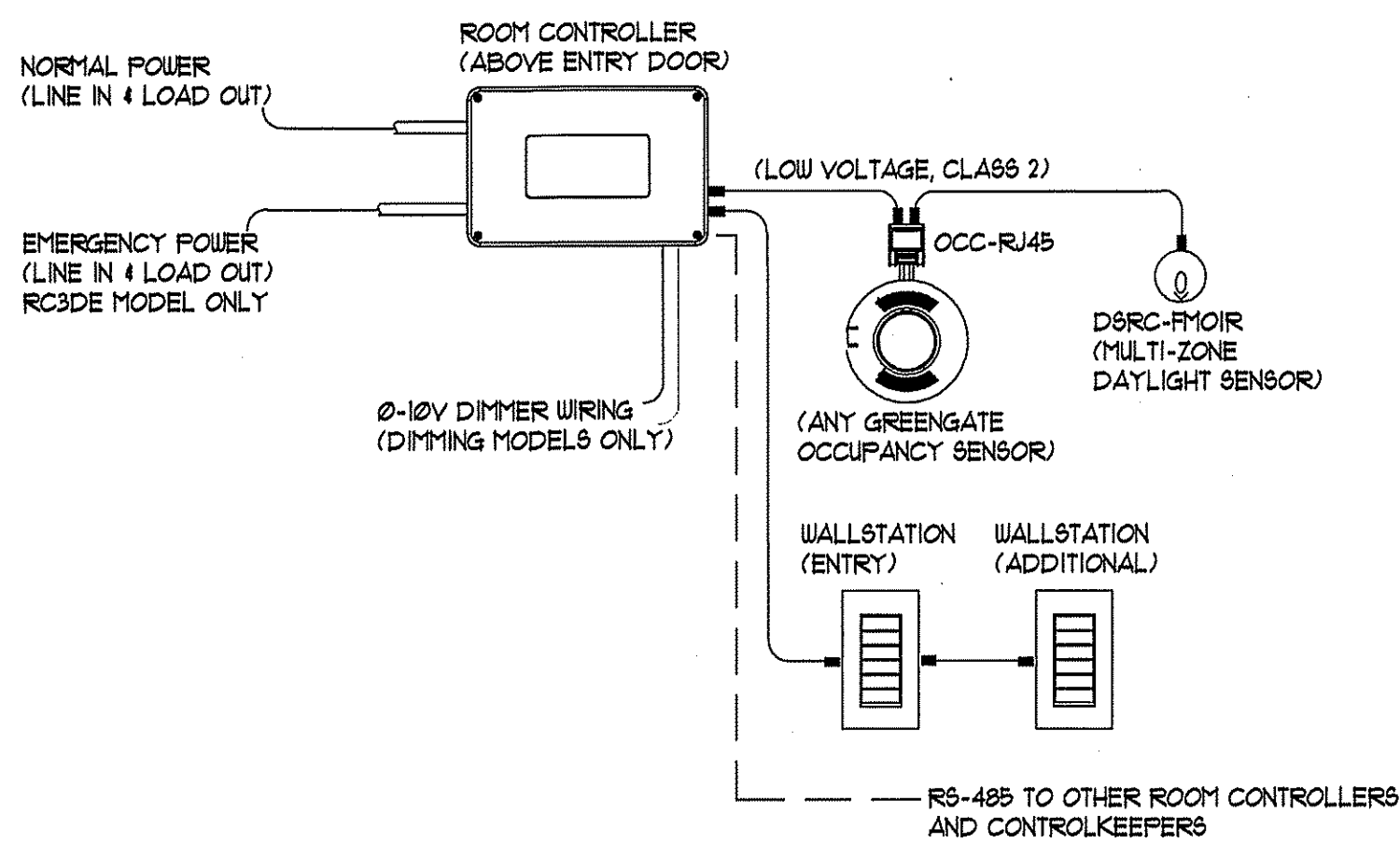
- ELECTRICAL GENERAL NOTES**
- ALL CONDUIT SHALL BE 1/2" EMT WITH #12AWG CONDUCTORS UNLESS OTHERWISE NOTED.
  - ALL CONDUIT SHALL BE CONCEALED IN WALLS OR ABOVE THE CEILING UNLESS OTHERWISE NOTED.
  - ARMORED CABLE SHALL BE USED IN WALLS AND MILLWORK ONLY AS WELL AS LIGHTING CIRCUITS ABOVE CEILINGS AND SHALL BE MC TYPE(WITH GROUND). ALL CONDUIT TO AND ABOVE THE PLENUM AND CIRCUIT HOMERUNS SHALL BE EMT.
  - PROVIDE AND INSTALL AND OUTLET BOX WITH 3/4" CONDUIT WITH PULLSTRING STUBBED UP WALL OR NEAREST WALL 6" ABOVE CEILING AT EACH NEW TELEPHONE AND DATA OUTLET. EXISTING TELEPHONE AND DATA OUTLETS SHALL BE REMOVED WHERE NOT USED.
  - ALL CONDUITS FOR FUTURE USE (I.E. TELEPHONE, DATA, ETC.) SHALL HAVE PULLSTRING PULLED IN THE CONDUIT AND SECURED AT BOTH ENDS UNLESS OTHERWISE NOTED.
  - ALL 120V. BRANCH CIRCUITS CONDUCTORS LONGER THAN 70'-0" SHALL BE #10 AWG AND LONGER THAN 150'-0" SHALL BE #8 AWG.
  - ALL RECESSED LIGHTING FIXTURES SHALL BE FASTENED TO STRUCTURE OR GRID PER NEC 410.
  - RECESSED INCANDESCENT FIXTURES SHALL BE SUPPORTED IN COMPLIANCE WITH NEC 410.
  - FURNISH AND INSTALL ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING ACCESSORIES, RACEWAY, AND WIRES TO MEET JOB CONDITION.
  - ALL EXIT SIGNS AND EMERGENCY FIXTURES SHALL BE CONNECTED WITH CLOSEST EMERGENCY CIRCUIT.
  - PROVIDE NEW BALLAST IN EXISTING LIGHTING FIXTURES AS REQUIRED TO MAKE THEM COMPLETELY OPERATIONAL.
  - ALL SWITCHES FOR LIGHTS, FANS, ETC. INDICATED MOUNTED IN THE SAME GENERAL AREA SHALL SHARE A MULTI-GANG COVER PLATE AS REQUIRED. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
  - VERIFY LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGH-IN.
  - DISCONNECT SWITCHES SHALL NOT BE MOUNTED ON DUCTWORK OR HVAC EQUIPMENT.
  - LABEL AND IDENTIFY ALL JUNCTION BOXES, WIREWAYS, AND SWITCHES AT THE TIME OF INSTALLATION. PROVIDE PERMANENT NAMEPLATES AS SPECIFIED OR INDICATED PRIOR TO FINAL INSPECTION.
  - ALL HOMERUNS SHALL BE PROTECTED BY 20A/1P BREAKERS UNLESS OTHERWISE NOTED. REUSE EXISTING HOMERUNS WHERE APPLICABLE WITHIN THE DESIGN CRITERIA OF THESE DRAWINGS.
  - DEVICE MOUNTING HEIGHTS SHALL BE MEASURED CENTERLINE TO THE DEVICE.
  - REMOVE ALL ABANDONED WIRE.
  - COORDINATE RECEPTACLE NEMA TYPE(S) AND VOLTAGE(S) WITH EQUIPMENT.
  - ALL PENETRATIONS THRU RATED WALLS, FLOORS, AND CEILINGS SHALL BE FIRE STOPPED PER NEC 300.21.
  - ALL ROOF PENETRATIONS SHALL BE AS AUTHORIZED BY LANDLORD AND IN ACCORDANCE WITH LANDLORD REQUIREMENTS. MAINTAIN ROOF WATER TIGHT INTEGRITY.
  - PROVIDE A NEW DIRECTORY FOR ALL PANELS. UPDATE EACH PANEL DIRECTORY NOTING ALL CHANGES AND ADDITIONS. CORRECTLY LABEL ALL EXISTING CIRCUITS, NEW CIRCUITS, SPARE AND SPACES. NEW DIRECTORY SHALL BE TYPE WRITTEN. PANEL NAMES SHALL HAVE ENGRAVED NAME PLATES.
  - PROVIDE ENGRAVED NAME PLATES WITH SUITE NUMBER AND TENANT NAME ON METER SOCKET/DISCONNECT.

ELECTRICAL SYMBOL LEGEND		
SYMBOL	DESCRIPTION	ON CENTER MOUNTING HEIGHT
	CONCEALED CONDUIT IN CEILING OR WALL	
	CONCEALED CONDUIT IN FLOOR OR UNDERGROUND	
	EXPOSED CONDUIT	
	CIRCUIT HOMERUN TO PANEL. EACH ARROWHEAD = 1 CIRCUIT	
	NUMBER OF CONDUCTORS IN CONDUIT. EACH TICKMARK = 1 WIRE. (GROUND WIRE NOT INDICATED)	
	FLEXIBLE CONDUIT OR S.O. CORD.	
	CONDUIT STUBBED UP OR STUBBED DOWN	
	SURFACE MOUNTED RACEWAY	
	MULTI-OUTLET SURFACE MOUNTED RACEWAY	
	FIRE RETARDANT PLYWOOD BACKBOARD	
	WALL MOUNTED SINGLE RECEPTACLE OUTLET	18" A.F.F.
	WALL MOUNTED DUPLEX RECEPTACLE OUTLET	18" A.F.F.
	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE OUTLET	AS REQ'D
	WALL MOUNTED HALF SWITCHED DUPLEX RECEPTACLE OUTLET	18" A.F.F.
	CEILING MOUNTED DUPLEX RECEPTACLE OUTLET	
	WALL MOUNTED DUPLEX RECEPTACLE OUTLET ON ITS OWN CIRCUIT	18" A.F.F.
	WALL MOUNTED G.F.C.I. DUPLEX RECEPTACLE OUTLET	18" A.F.F.
	ABOVE COUNTER G.F.C.I. DUPLEX RECEPTACLE OUTLET	18" A.F.F.
	WALL MOUNTED QUAD RECEPTACLE OUTLET	18" A.F.F.
	WALL MOUNTED G.F.C.I. QUAD RECEPTACLE OUTLET	18" A.F.F.
	WALL MOUNTED SPECIAL PURPOSE RECEPTACLE OUTLET	18" A.F.F.
	JUNCTION BOX - SIZE AND MOUNTING AS REQUIRED	
	WALL MOUNTED TELEPHONE OUTLET	18" A.F.F.
	WALL MOUNTED DATA OUTLET	18" A.F.F.
	WALL MOUNTED DATA/TELEPHONE OUTLET	18" A.F.F.
	CABLE T.V. OUTLET - WALL, CEILING MOUNTED	
	120/208 VOLT PANELBOARD	
	277/480 VOLT PANELBOARD	
	WALL MOUNTED SINGLE POLE SINGLE THROW TOGGLE SWITCH	48" A.F.F.
	WALL MOUNTED 3-WAY TOGGLE SWITCH	48" A.F.F.
	WALL MOUNTED 4-WAY TOGGLE SWITCH	48" A.F.F.
	WALL MOUNTED DIMMER SWITCH (SIZE AND WATTAGE AS REQUIRED)	48" A.F.F.
	WALL MOUNTED 3-WAY DIMMER SWITCH (SIZE AND WATTAGE AS REQUIRED)	48" A.F.F.
	MOTOR RATED TOGGLE SWITCH	
	DISCONNECT SWITCH (FRAME SIZE/POLES/FUSE-IF REQUIRED) SIZE SHALL BE 30/3/NF UNLESS NOTED OTHERWISE.	AS REQ'D
	MOTOR STARTER SUPPLIED BY DIVISION 15	AS REQ'D
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH	AS REQ'D
	MOTOR - NUMBER INDICATES HORSEPOWER (F=FRATIONAL)	
	2X4 FLOURESCENT LIGHT FIXTURE - NORMAL POWER, EMERGENCY POWER	
	2X2 FLOURESCENT LIGHT FIXTURE - NORMAL POWER, EMERGENCY POWER	
	CEILING MOUNTED LIGHT FIXTURE - NORMAL POWER, EMERGENCY POWER	
	EXIT SIGN - CEILING, WALL MOUNTED	
	DUAL HEAD EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP.	
	COMBINATION EMERGENCY LIGHT FIXTURE AND EXIT SIGN WITH BATTERY BACKUP.	
	FULLY ADJUSTABLE FLOOR TWO-GANG STEEL FLOOR BOX WITH DUPLEX RECEPTACLE AND DATA/COMMUNICATION OUTLETS(F.B.O.). PROVIDE AND INSTALL (1) 1" EMPTY CONDUIT WITH PULLSTRING FOR DATA/COMMUNICATIONS FROM FLOOR BOX TO NEAREST WALL AND STUBBED UP 6" ABOVE ACCESSIBLE CEILING. COORDINATE EXACT LOCATION AND COVERPLATES WITH ARCHITECT. FLOOR BOX SHALL BE WALKER #8802. COORDINATE EXACT SPECIFICATION AND LOCATION WITH TENANT AND TENANT'S FURNITURE VENDOR.	
	CARD READER. CONTRACTOR SHALL PROVIDE POWER TO ELECTRIC STRIKE. PROVIDE JUNCTION BOX AND (1) 3/4" EMPTY CONDUIT WITH PULLSTRING FROM J-BOX STUBBED UP 6" ABOVE ACCESSIBLE CEILING. COORDINATE WITH SECURITY VENDOR FOR EXACT SIZE JUNCTION BOX.	

LIGHTING CONTROL SYSTEM LEGEND		
SYMBOL	DESCRIPTION	ON CENTER MOUNTING HEIGHT
	GREENGATE (OR APPROVED EQUALS) #0AC-DT-2000 CEILING MOUNTED DUAL-TECH (ULTRASONIC AND PASSIVE INFRARED) OCCUPANCY SENSOR WITH 360° COVERAGE. PROVIDED WITH REAL-TIME SELF-ADJUSTING SENSITIVITY AND TIME DELAY. SENSOR SHALL NOT BE INSTALLED WITHIN 6'-0" OF AIR SUPPLY/RETURN REGISTER.	
	GREENGATE #0NW-D-1001-MV (OR APPROVED EQUALS) WALL-MOUNTED DUAL-TECH (ULTRASONIC AND PASSIVE INFRARED) OCCUPANCY SENSOR SWITCH. PROVIDED WITH REAL-TIME SELF-ADJUSTING SENSITIVITY AND TIME DELAY.	48" A.F.F.
	GREENGATE #0SW-D-010 (OR APPROVED EQUALS) WALL-MOUNTED DUAL-TECH (ULTRASONIC AND PASSIVE INFRARED) OCCUPANCY/VACANCY SENSOR 0-10V DIMMER SWITCH. PROVIDED WITH REAL-TIME SELF-ADJUSTING SENSITIVITY AND TIME DELAY.	48" A.F.F.
	GREENGATE #RC-3TLB-OS1-W (OR APPROVED EQUALS) WALL-MOUNTED, PRE-ENGRAVED LOW VOLTAGE CONTROLLER WALLSTATION SWITCH. SWITCH SHALL HAVE 3 BUTTONS ("HALF LIGHTS", "FULL LIGHTS", AND "ALL OFF"). SEE NOTE #1.	48" A.F.F.
	GREENGATE #RC-3TLB-Z*D-W (OR APPROVED EQUALS) WALL-MOUNTED, PRE-ENGRAVED LOW VOLTAGE CONTROLLER WALLSTATION SWITCH. SWITCH SHALL HAVE 3 BUTTONS ("ZONE *", "RAISE", AND "LOWER"). * DENOTES ZONE NUMBER. SEE NOTE #1.	48" A.F.F.

SENSOR LOCATIONS ARE APPROXIMATE. ADHERE TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. COORDINATE WITH MANUFACTURER FOR PLACEMENT AND REQUIRED NUMBER OF POWERPACKS. PROVIDE ALL COMMUNICATION CABLING, SWITCHPACKS, ETC. FOR A COMPLETE OPERATIONAL AUTOMATIC LIGHTING CONTROL SYSTEM. CONSULT WITH MANUFACTURER PRIOR TO ORDER/INSTALLATION. FINISH BY OWNER. CONTRACTOR SHALL SUBMIT LIGHTING CONTROL PLANS TO LOW VOLTAGE CONTRACTOR/MANUFACTURER TO OBTAIN DRAWINGS FROM MANUFACTURER THAT INDICATE LAYOUT OF DEVICES, CABLING, POWERPACKS, CONTROLLERS, ETC. WITH BILL OF MATERIAL FOR A COMPLETE OPERATIONAL LIGHTING CONTROL SYSTEM.

NOTE #1: PROVIDE CORRESPONDING GREENGATE ROOM CONTROLLER AND LOW VOLTAGE CABLING. COORDINATE WITH MANUFACTURER FOR LOCATION AND QUANTITY OF CONTROLLERS, LOW VOLTAGE DEVICES, INPUT/OUTPUT DEVICES, AND LOW VOLTAGE CABLING FOR A COMPLETE OPERATIONAL LIGHTING CONTROL SYSTEM.



**1 SYSTEM LIGHTING CONTROL OVERVIEW DETAIL**  
E0.1 Scale: NO SCALE

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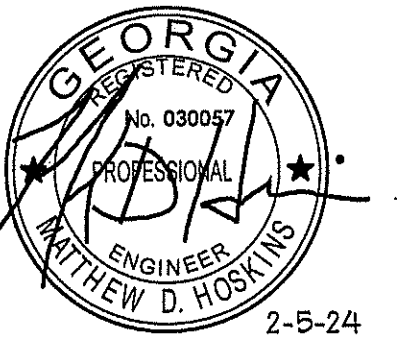
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DATE	FEB. 5, 2023	REV.

**ELECTRICAL LEGEND, NOTES, & DETAILS**

**E0.1**

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ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES

E0.2

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**PANEL: B**

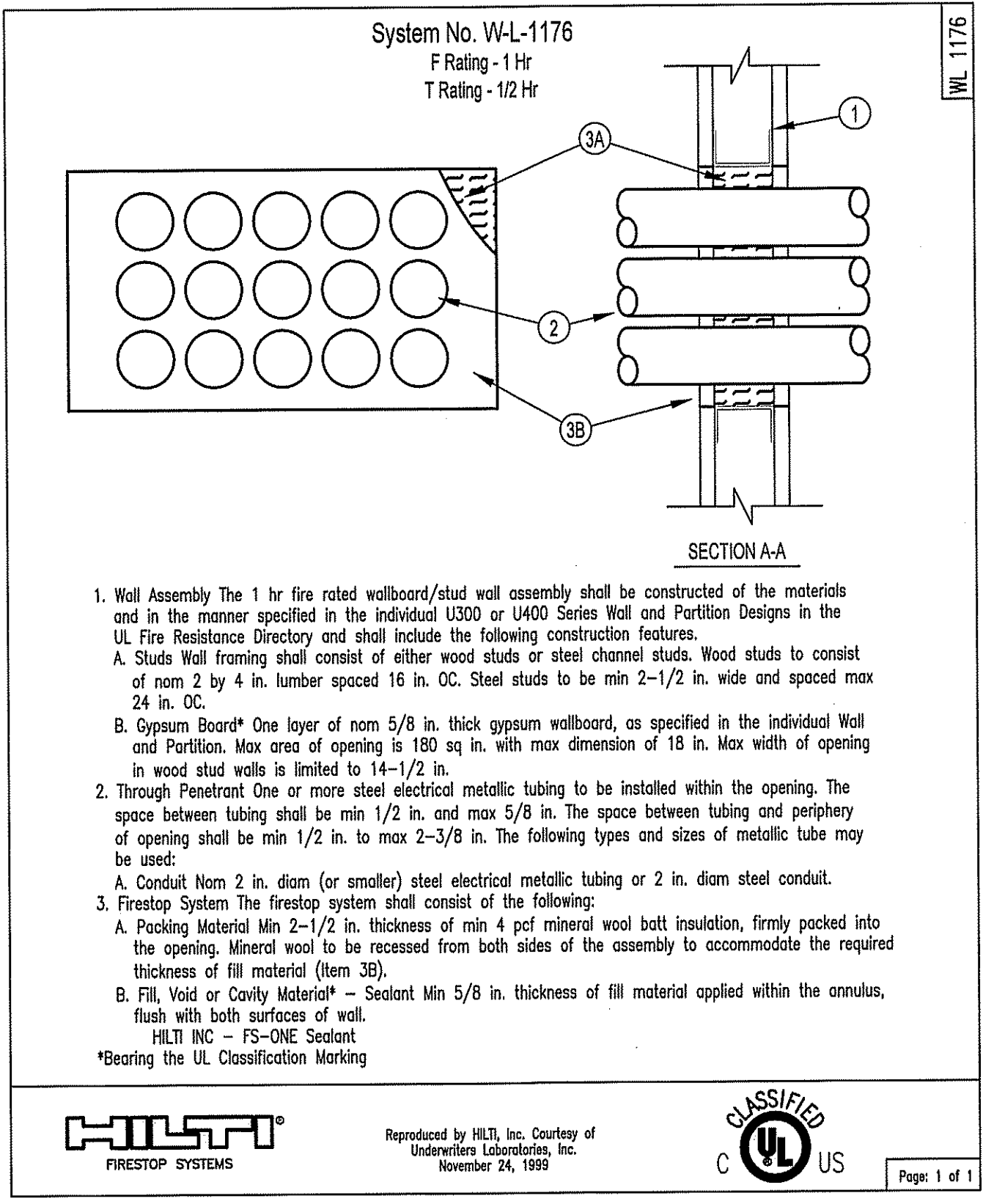
VOLTAGE & PHASE: 120/208Y-3Ø  
 MOUNTING: SURFACE

AIC RATING: 14kAIC  
 AMPERAGE: 225A  
 MAIN: MLO

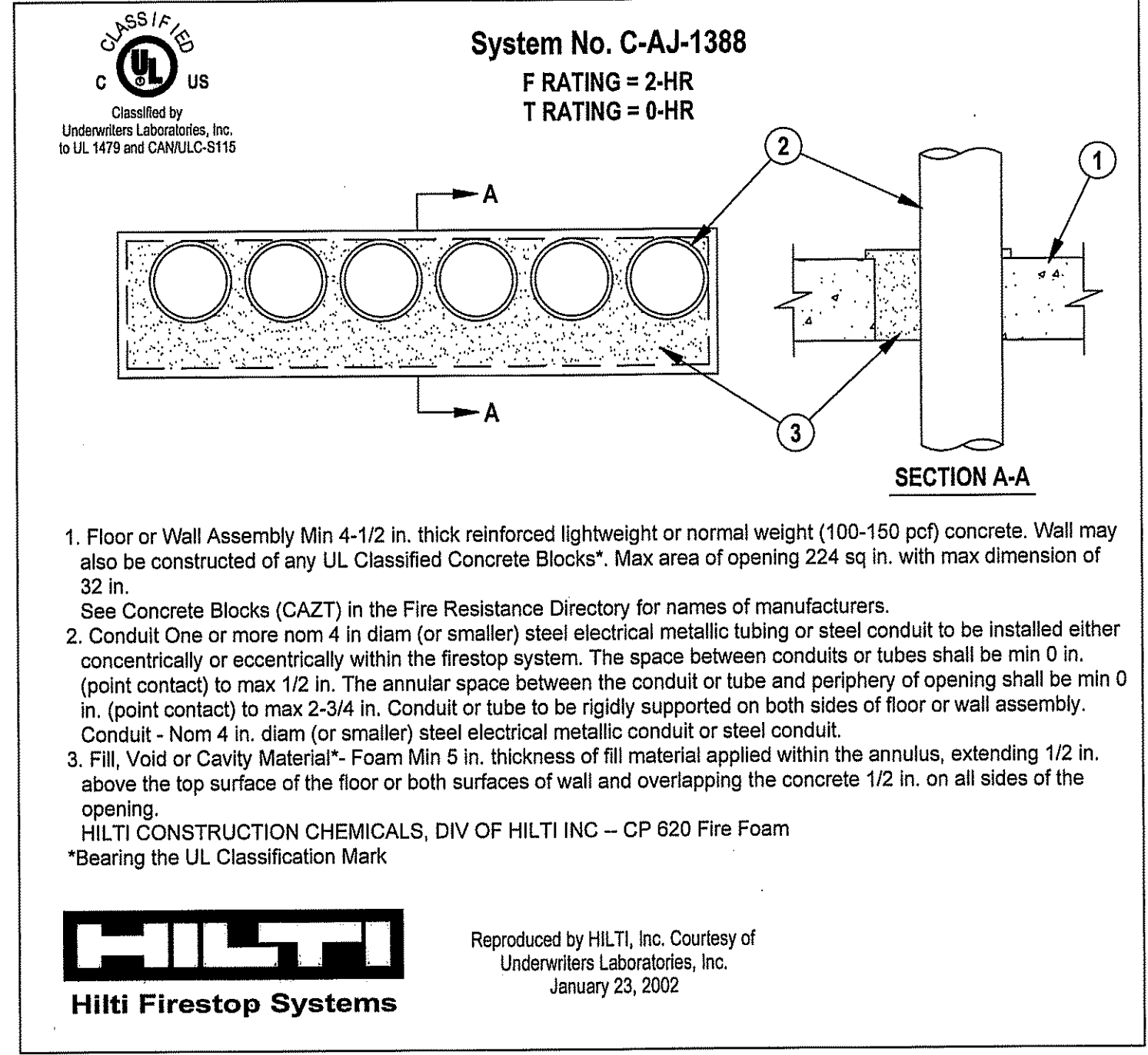
DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
QUAD REC-TELEPHONE BOARD	0.4	20/1	1 A	2	20/1	0.6 REACH-IN FREEZER
REC-OFFICE	0.7	20/1	3 B	4	20/1	0.4 LIGHTING (1)
REC-DINING	0.7	20/1	5 C	6	20/1	0.4 LIGHTING (1)
REC-DINING	0.5	20/1	7 A	8	20/1	0.3 SIGNAGE (1)
CEILING RECEIPT	0.4	20/1	9 B	10	20/1	0.5 WATER HEATER CONTROLS
BACK BAR REFRIGERATOR	0.1	20/1	11 C	12	30/3	2.6 RTU-210
GRINDER	0.4	20/1	13 A	14	—	2.6 —
COFFEE MAKER	1.7	20/1	15 B	16	—	2.6 —
ESPRESSO MACHINE	2.5	30/2	17 C	18	20/1	0.2 REC-SERVICE ON ROOF
—	2.5	—	19 A	20	20/1	0.5 HOOD CONTROLS/LIGHTS
GFI REC-KITCHEN AREA	1.1	20/1	21 B	22	20/1	1.2 KEF-1
GAS CONVECTION OVEN	0.7	20/1	23 C	24	20/1	0.7 KSF-1
—	—	—	25 A	26	—	— SHUNT TRIP
PLANETARY MIXER	1.4	15/2	27 B	28	20/1	— SPARE
—	1.4	—	29 C	30	20/1	— SPARE
—	—	—	31 A	32	20/1	— SPARE
SHUNT TRIP	0.3	20/1	33 B	34	20/1	— SPARE
COOLER LIGHTS	2.0	30/2	35 C	36	20/1	— SPARE
COOLER-EVAPORATOR	2.0	—	37 A	38	20/1	— SPARE
—	2.0	—	39 B	40	20/1	— SPARE
COOLER-CONDENSING UNIT	2.0	—	41 C	42	20/1	— SPARE
—	—	—	—	—	—	—
CONNECTED		D.F.		DEMAND		
EXISTING LOAD	0.0	x	1.00		0.0	
COOLING	7.8	x	1.00		7.8	
HEATING	0.0	x	1.00		0.0	
KITCHEN	0.0	PER NEC 220.56			0.0	
LIGHTING	1.5	x	1.25		1.9	
MOTORS	1.9	x	1.00		1.9	
LARGEST MOTOR	0.0	PER NEC 220.18(A)			0.0	
OTHER	8.8	x	1.00		8.8	
RECEPTACLES	15.2	PER NEC 220.44			12.6	
CONNECTED KVA		35.2		DEMAND KVA		33.0
AVERAGE CONNECTED AMPS		97.7		DEMAND AMPS		91.6

NOTES:  
 (1)-ROUTE CIRCUIT THRU CONTACTOR FOR TIMECLOCK ON/TIMECLOCK OFF OPERATION.  
 (2)-PROVIDE AND INSTALL GFCI TYPE BREAKER.

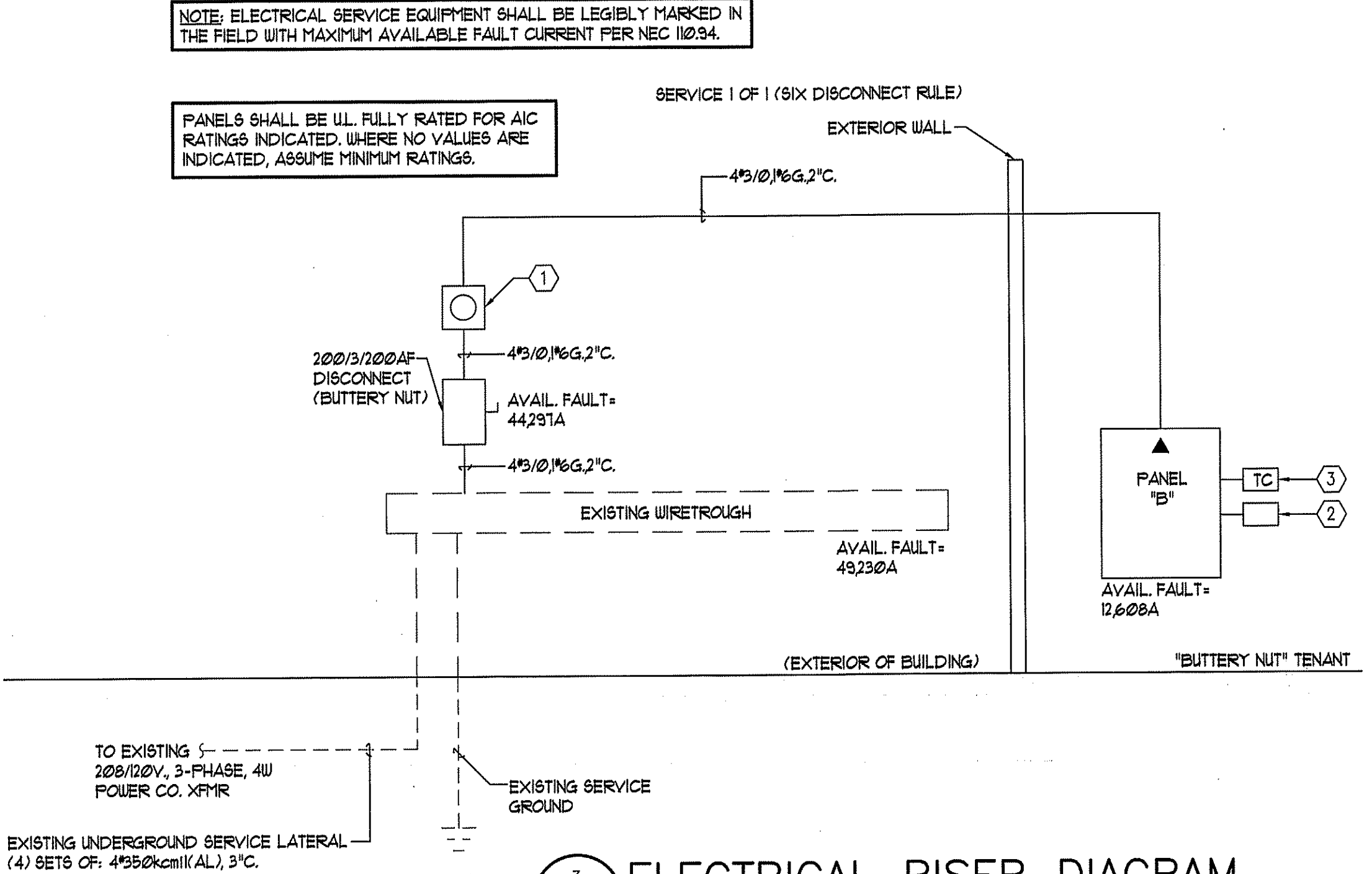
NOTE: CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS ON MULTIWIRED BRANCH CIRCUITS (NEC 210.4 (B))



1 FIRE PENETRATION DETAIL  
 E0.2 Scale: 1"=1'-0"



2 FIRE PENETRATION DETAIL  
 E0.2 Scale: 1"=1'-0"



- LEGEND NOTES:  
 (APPLY THIS SHEET ONLY)
- POWER COMPANY METER (TYPICAL). COORDINATE WITH LOCAL POWER COMPANY FOR INSTALLATION REQUIREMENTS.
  - PROVIDE AND INSTALL 20A, 120V. CONTACTS. ELECTRONICALLY OPEN, ELECTRONICALLY HELD CONTACTOR. ON BY TIMECLOCK, OFF BY TIMECLOCK. PROVIDE QUANTITY OF POLES AS REQUIRED.
  - PROVIDE AND INSTALL 7 DAY/24 HOUR TIMECLOCK WITH OVERRIDE IN NEMA 3R ENCLOSURE.



**COMcheck Software Version 4.1.5.4**  
**Interior Lighting Compliance Certificate**

**Project Information**

Energy Code: 2015 IECC  
 Project Title: Buttery Nut  
 Project Type: New Construction

Construction Site: 2115 Loganville Hwy Bldg. 5, Suite 210 & 211 Grayson, GA 30017  
 Owner/Agent:  
 Designer/Contractor: Matthew Hoskins 1357 Dalesford Drive Alpharetta, GA 30004 678-463-5074 mhoskins@hoskinseng.com

**Additional Efficiency Package(s)**

Credits: 1.0 Required 1.0 Proposed  
 Reduced Lighting Power, 1.0 credit

**Allowed Interior Lighting Power**

A Area Category	B Floor Area (ft ² )	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Common Space Types:Office - Enclosed	64	1.00	64
2-Common Space Types:Food Preparation	380	1.09	414
3-Common Space Types:Dining Area - Bar Lounge/Leisure	342	0.96	328
4-Common Space Types:Restrooms	24	0.88	21
Total Allowed Watts =			828

**Proposed Interior Lighting Power**

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps / Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Common Space Types:Office - Enclosed LED 2: B: Other:	1	3	25	75
2-Common Space Types:Food Preparation LED 1: A: Other: LED 2: copy 1: B: Other:	1	5	38	190
3-Common Space Types:Dining Area - Bar Lounge/Leisure LED 2: copy 1: B: Other: LED 3: C: Other:	1	9	25	225
4-Common Space Types:Restrooms LED 4: D: Other:	1	5	25	125
Total Proposed Watts =			25	715

Project Title: Buttery Nut  
 Data filename: E:\2024\24001-Buttery Nut\IE24001-Energy.cck  
 Report date: 02/04/24  
 Page 1 of 6

Interior Lighting PASSES: Design 14% better than code

**Interior Lighting Compliance Statement**

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.4 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Matthew Hoskins  
 Name - Title Signature Date 2-5-24

Project Title: Buttery Nut  
 Data filename: E:\2024\24001-Buttery Nut\IE24001-Energy.cck  
 Report date: 02/04/24  
 Page 2 of 6

**LIGHTING FIXTURE SCHEDULE**

NOTE: PROVIDE 0-10V DIMMING FOR LED FIXTURES U.N.O.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER	REMARKS
A	RECESSED, 2'-0" x 4'-0" LED FIXTURE WITH 0.125" THICK PATTERN 12 VIRGIN ACRYLIC LENS.	38W LED	LITHONIA 26TL 4 40L A12125 MVOLT G210	
B	PINHOLE LED FIXTURE. COORDINATE EXACT MOUNTING OF FIXTURE WITH TENANT.	25W LED (MAX)	COORDINATE WITH TENANT	PROVIDE SHATTERPROOF LENS IN FOOD PREP AREAS.
C	LED EDISON LIGHT FIXTURE.	25W LED (MAX)	COORDINATE WITH TENANT	COORDINATE EXACT MOUNTING AND MOUNTING HEIGHT OF FIXTURE WITH TENANT.
D	RECESSED, LED FIXTURE.	25W LED (MAX)	COORDINATE WITH TENANT	COORDINATE EXACT MOUNTING AND MOUNTING HEIGHT OF FIXTURE WITH TENANT.
ER	OUTDOOR EMERGENCY LIGHTING UNIT WITH INTEGRAL PHOTOCELL AND EMERGENCY BATTERY BACKUP. U.L. LISTED FOR WET LOCATION.	1.4W	LIGHTALARMS CAMRAY SERIES	OR EQUAL BY LITHONIA AFN SERIES
ZE	DUAL HEAD EMERGENCY LIGHTING UNIT WITH 1.8W LED HEADS AND 90 MINUTE MINIMUM BATTERY BACKUP.	(2) 1.8W LED	LIGHTALARMS LCA-250 SERIES	OR EQUAL BY LITHONIA "ELI2" SERIES
ZEE	COMBINATION UNIVERSAL MOUNTED LED EXIT SIGN AND DUAL HEAD EMERGENCY LIGHTING UNIT WITH LED HEADS. PROVIDE DIRECTIONAL ARROWS, DOUBLE OR SINGLE FACE AS SHOWN. PROVIDE WITH 90 MINUTE MINIMUM BATTERY BACKUP.	LED	LIGHTALARMS UGLXN SERIES	OR EQUAL BY LITHONIA "LHOM" SERIES

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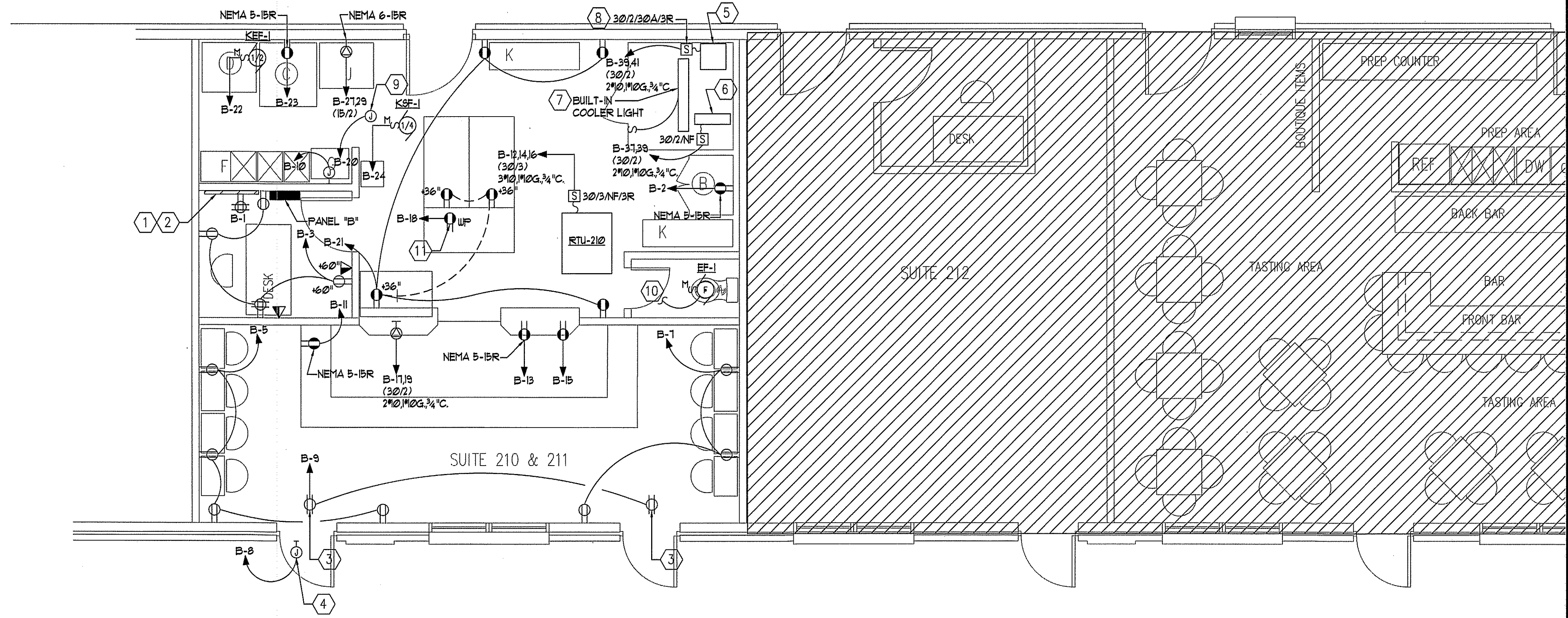
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**LIGHTING SCHEDULE AND ENERGY REPORT**

**E0.3**

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1 FLOOR PLAN - ELECTRICAL  
E1.1 Scale: 1/4"=1'-0"

NOTE: HATCHED AREA IS NOT IN CONTRACTOR'S SCOPE OF WORK

- KITCHEN EQUIPMENT NOTES:**  
(APPLY THIS SHEET ONLY)
- COORDINATE ALL KITCHEN EQUIPMENT CONNECTIONS, RECEPTACLE TYPES, MOUNTING HEIGHTS, LOCATIONS, ETC. WITH EQUIPMENT SUPPLIER AND/OR KITCHEN CONSULTANT PRIOR TO INSTALLATION.
  - PROVIDE DISCONNECT SWITCHES AND/OR MOTOR RATED SWITCHES FOR KITCHEN EQUIPMENT AS REQUIRED.
  - WALL MOUNTED EQUIPMENT CONNECTIONS SHALL BE 15" A.F.F. UNLESS OTHERWISE NOTED ON EQUIPMENT SCHEDULE (SEE "HGT" COLUMN).
  - ALL CONNECTIONS BELOW CEILING SHALL BE IN LIQUID-TIGHT FLEX.
  - CONTRACTOR SHALL ROUGH-IN PER KITCHEN EQUIPMENT DRAWINGS AND REFER TO KITCHEN CONSULTANT DRAWINGS FOR ADDITIONAL WORK NOT NECESSARILY CALLED OUT WITHIN THESE ELECTRICAL DRAWINGS.
  - VERIFY EXACT ELECTRICAL REQUIREMENTS AND RECEPTACLE NEMA TYPES FOR EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
  - ALL 120V, SINGLE PHASE, 15 AND 20 AMP RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION IN SERVING KITCHEN AREA.
  - REFER TO ARCHITECTURAL DRAWINGS FOR CRITICAL OUTLET DIMENSION LOCATIONS. ALL OTHER OUTLETS SHALL BE INSTALLED PER CODE.
  - IN ADDITION, PROVIDE 3/4" CONDUIT FOR CONNECTION OF CASH REGISTERS.

- GENERAL NOTES**  
(APPLY THIS SHEET ONLY)
- ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE. THE LETTERS "E" ADJACENT TO DEVICE INDICATES EXISTING AND THE LETTER "R" INDICATES RELOCATED. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES.
  - FIELD VERIFICATION WILL DETERMINE BRANCH CIRCUITS AVAILABLE FOR USE BY THIS TENANT AND BRANCH CIRCUITS USED SHOULD BE NOTED ON UPDATED PANEL SCHEDULES.
  - ALL DEVICES/FACEPLATES SHALL BE COORDINATED WITH TENANT.
  - CONTRACTOR SHALL COORDINATE THE EXACT POWER AND WIRING REQUIREMENTS FOR ALL SYSTEM FURNITURE WITH THE FURNITURE SUPPLIER BEFORE ROUGH-IN. MAKE ADJUSTMENTS TO CIRCUITING AS REQUIRED.
  - CONTRACTOR SHALL VERIFY ELECTRICAL REQUIREMENTS AND RECEPTACLE NEMA TYPES FOR NEW EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
  - REUSE EXISTING CIRCUITS THAT 'FREE-UP' DURING RENOVATION BEFORE USING AVAILABLE SPARES IN EXISTING TENANT PANELS.
  - CONTRACTOR TO USE 'DEMOLISHED' CIRCUITS FIRST DURING FITUP WHERE NEW CIRCUITS ARE REQUIRED.
  - PROVIDE AND INSTALL GFI RESET OUTLET FOR GFI OUTLETS CONCEALED BY APPLIANCES (I.E. REFRIGERATOR, MICROWAVE, ETC.). DEVICE/FACEPLATE OF DEAD FACE GFI OUTLET SHALL BE INSTALLED IN ACCESSIBLE LOCATION OF HEIGHT MATCHING OUTLETS ABOVE COUNTER.

- LEGEND NOTES**  
(APPLY THIS SHEET ONLY)
- PROVIDE AND INSTALL 3"x8"x3/4" FIRE RETARDANT PLYWOOD BACKBOARD TO COVER LENGTH OF WALL AS INDICATED. BACKBOARD SHALL BE MOUNTED HIGH. COORDINATE EXACT HEIGHT WITH TENANT. PAINT TO MATCH WALLS. PROVIDE 1#6G. FROM BACKBOARD TO BUILDING SERVICE GROUND.
  - PROVIDE AND INSTALL (1) 2" EMPTY CONDUIT WITH PULL-STRING FROM BASE BUILDING TELEPHONE ROOM/EXTERIOR TELEPHONE CABINET TO TELEPHONE BACKBOARD STUBBED UP 6" ABOVE CEILING.
  - PROVIDE AND INSTALL CEILING MOUNTED RECEPTACLE OUTLET.
  - PROVIDE AND INSTALL CONNECTION TO TENANT SIGN. COORDINATE EXACT POWER REQUIREMENTS AND LOCATION WITH SIGN VENDOR PRIOR TO INSTALLATION.
  - CONDENSING UNIT. COORDINATE EXACT LOCATION WITH COOLER/FREEZER INSTALLER AND ARCHITECT.
  - PROVIDE CONNECTION TO EVAPORATOR COIL. COORDINATE CONNECTION AND LOCATION WITH COOLER/FREEZER INSTALLER PRIOR TO INSTALLATION.
  - PROVIDE CIRCUITRY AS REQUIRED FOR COOLER/FREEZER LIGHT(S). COORDINATE WITH COOLER/FREEZER INSTALLER PRIOR TO INSTALLATION.
  - DISCONNECT FOR COOLER/FREEZER SHALL BE MEET REQUIRED CLEARANCE REQUIREMENTS PER NEC. COORDINATE WITH FREEZER/COOLER INSTALLER.
  - PROVIDE AND INSTALL POWER CONNECTION TO EXHAUST HOOD AND EXHAUST HOOD LIGHTS. COORDINATE EXACT POWER REQUIREMENTS, ANSUL SYSTEM, AND CONTROLS WITH MANUFACTURER PRIOR TO INSTALLATION.
  - EXHAUST FAN SHALL BE POWERED AND SWITCHED THRU SAME 120V. LIGHTING CIRCUIT SERVING THIS ROOM.
  - PROVIDE AND INSTALL GFCL WEATHER-PROOF SERVICE RECEPTACLE ON ROOF VIA UNISTRUT WITHIN 25'-0" OF MECHANICAL UNIT.

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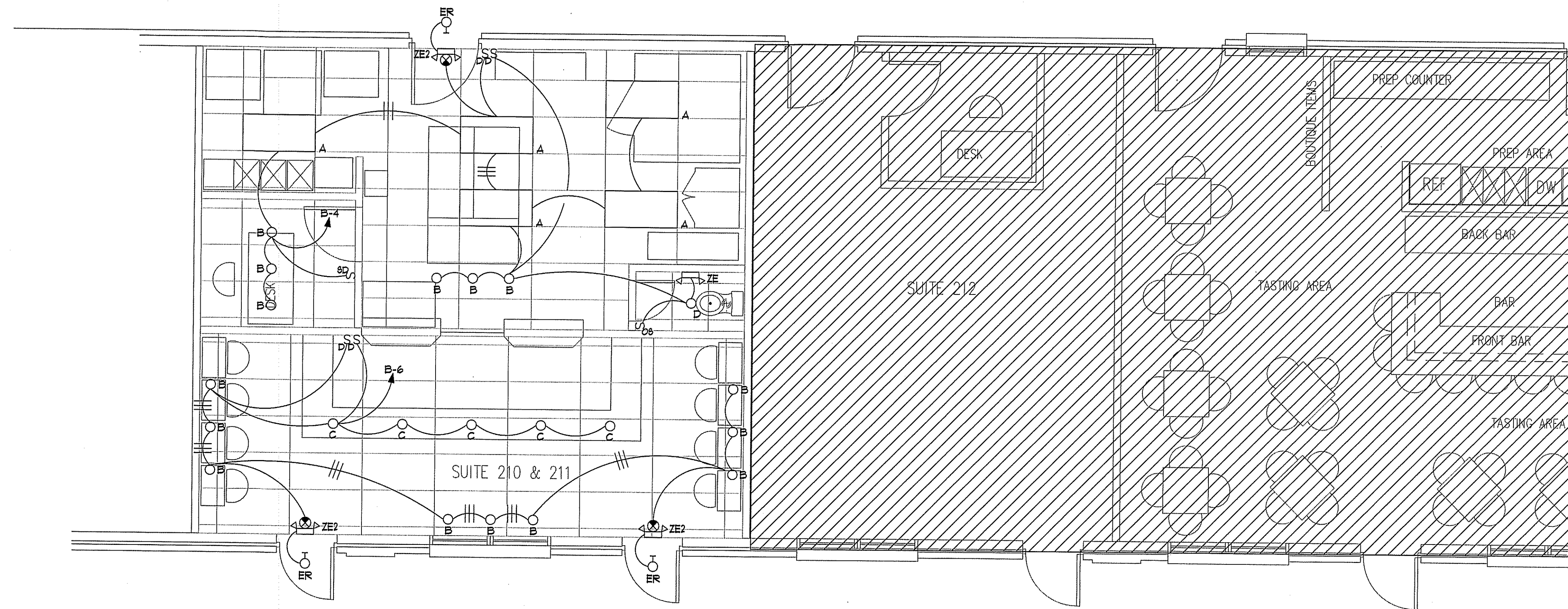
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FLOOR PLAN -  
ELECTRICAL

E1.1

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1 FLOOR PLAN - LIGHTING  
E2.1 Scale: 1/4"=1'-0"

NOTE: HATCHED AREA IS NOT IN CONTRACTOR'S SCOPE OF WORK

NOTE: COORDINATE LIGHTING FIXTURE LOCATIONS WITH KITCHEN HOOD LOCATION AND KITCHEN HOOD INSTALLER

GENERAL NOTES:  
(APPLY THIS SHEET ONLY)

- "E" INDICATES EXISTING, "R" INDICATES RELOCATED. VERIFY LOCATION, NUMBER, AND TYPE OF EXISTING FIXTURES AND RELOCATE AS NECESSARY. REUSE EXISTING LIGHTING CIRCUITS. VERIFY CAPACITY OF EXISTING LIGHTING CIRCUITS FOR ADDITION OF NEW LIGHT FIXTURES. CIRCUITING SHOWN ON THIS PLAN IS FOR SCHEMATIC PURPOSES ONLY TO INDICATE SWITCHING AND CONNECTION OF NEW LIGHT FIXTURES. VERIFY EXISTING BRANCH CIRCUITING AND RECIRCUIT AS NECESSARY TO OBTAIN SWITCHING SHOWN.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LIGHTING FIXTURES.
- PROVIDE ADDITIONAL UNSWITCHED "HOT" TO ALL EMERGENCY LIGHTING FIXTURES.
- FIELD VERIFICATION WILL DETERMINE BRANCH CIRCUITS AVAILABLE FOR USE BY THIS TENANT AND BRANCH CIRCUITS USED SHOULD BE NOTED ON UPDATED PANEL SCHEDULES.
- SWITCH COVERPLATES AND SWITCHES SHALL BE COORDINATED WITH OWNER.
- LIGHTING FIXTURES AND CORRESPONDING LAY-IN CEILING TYPES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
- COORDINATE EXACT FIXTURE SELECTIONS WITH OWNER PRIOR TO INSTALLATION.
- LIGHTING CONTROLS SHALL COMPLY WITH IECC 2015 SECTION 405. CONTROLS SHALL BE INSTALLED PER MANUFACTURER REQUIREMENTS FOR PROPER OPERATION WITHIN SPACE.

NOTE: LIGHTING SYSTEM CONTROLS DESIGNED PER IECC 2015 SECTION C405.

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FLOOR PLAN -  
LIGHTING

E2.1

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