

signed and sealed by
Philip Donald Partington R.A.
using a Digital Signature and date.
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are not considered signed and
sealed and the signature must be
verified on any electronic copies.

SAVOY PLACE

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321 N. DEVILLERS ST. Pensacola, Florida 32501

ALL DRAWINGS AND WRITTEN MATERIAL

HEREIN CONSTITUTE ORIGINAL AND UN

PUBLISHED WORK OF THE ARCHITECT

AND MAY NOT BE DUPLICATED IN ANY
PART WITHOUT THE WRITTEN CONSENT
OF THE ARCHITECT.

REVISIONS:

## GENERAL NOTES

- 1. THE WORK CONSIST OF THIS SET OF DRAWINGS, PROJECT MANUAL, ADDENDA, CONSTRUCTION CHANGE DIRECTIVES, CHANGE ORDERS, THE CONTRACT BETWEEN THE OWNER AND CONTRACTOR, CONDITIONS OF THE CONTRACT, STANDARDS, CRITERIA AND DRAWINGS, GEOTECHNICAL REPORT, CIVIL DRAWINGS, LANDSCAPE DRAWINGS, AND ANY OTHER INFORMATION WRITTEN AND MUTUALLY AGREED UPON BETWEEN THE OWNER AND CONTRACTOR.
- THE DRAWINGS, SPECIFICATIONS, GEOTECNICAL REPORT AND STANDARDS ARE COMPLEMENTARY AND INTERRELATED. WHAT IS REQUIRED BY ONE ANY ONE SHALL BE REQUIRED BY ALL. WORK OF ANY INDIVIDUAL TRADE IS NOT NECESSARILY CONFINED TO SPECIFIC DOCUMENTS, CHAPTERS OR LOCATIONS.
- 3. THE CONTRACTOR SHALL COMPLY WITH ALL CODES AND ORDINANCES IN EFFECT AT THE TIME THE PERMIT IS ISSUED.
- 4. IF DISCREPANCIES OR INCONSISTENCIES IN THE DOCUMENTS ARE DISCOVERED, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT IMMEDIATELY IN WRITING PRIOR TO BID.
- 5. CONSTRUCTION TECHNIQUES, PROCEDURES, SEQUENCING AND SCHEDULING ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- 6. ALL PENETRATIONS IN RATED CONSTRUCTION ARE TO BE SEALED WITH APPROPRIATE MATERIALS AS INDICATED BY THESE DOCUMENTS OR OTHERWISE REQUIRED BY INSPECTORS OR APPLICABLE CODES AND ORDINANCES.
- 7. DO NOT SCALE DRAWINGS; USE DIMENSIONS ONLY. ALL DIMENSIONS MUST BE VERIFIED ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- 8. IT IS THE INTENT OF THE DOCUMENTS FOR THE CONTRACTOR TO PROVIDE A COMPLETELY WATERPROOF BUILDING ENVELOPE. REPORT TO ARCHITECT ANY CONDITION THAT WOULD PREVENT THIS IMMEDIATELY.
- 9. COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, GRILLES, LOUVERS, DUCTS, UNIT HEATERS, PANELS, ETC. WITH MECHANICAL AND ELECTRICAL CONTRACTORS AND ARCHITECTURAL DRAWINGS.
- 10. THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS.
- 11. ALL BLOCKING IN CONTACT WITH CONCRETE OR CMU TO BE PRESSURE TREATED.
- 12. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS.
- 13 FOLLOW MANUEACTURED'S INSTRUCTION SPECIFICATIONS DETAILS AND INSTRUCTIONS FOR ALL CONSTRUCTION MATERIALS

13. FOLLOW MANUFACTURER'S INSTRUCTION SPECIFICA AND SYSTEMS.	ATIONS, DETAILS AND INSTRUCTIONS FOR ALL CONSTRUCTION MATERIALS	FOOD HALL KITCHEN  YOGA STUDIO
APPLICABLE CODES	LEGEND	MAX TRAVEL DISTANCE
2023 FLORIDA BUILDING CODE ACCESSIBILITY 2023 FLORIDA BUILDING CODE 2023 FLORIDA PLUMBING CODE 2023 FLORIDA MECHANICAL CODE 2023 FLORIDA FUEL GAS CODE 2023 FLORIDA FIRE CODE YOGA STUDIO 2017 NATIONAL ELECTRIC CODE	——————————————————————————————————————	<ol> <li>BUILDING IS FULLY SPRINKLED (REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION).</li> <li>ALL PENETRATIONS THROUGH FIRE RATED AND SOUND RATED CONSTRUCTION SHALL BE PROTECTED &amp; SEALED WITH THE APPROPRIATE ACOUSTICAL &amp; FIRE STOPPING ASSEMBLIES. ALL FIRESTOPPING TO BE UL APPROVED ASSEMBLY.</li> </ol>
	INDICATES PATH OF EGRESS TRAVEL AND DISTANCE.  MAXIMUM 250' ALLOWED BY FBC.  INDICATES EGRESS WIDTH IN INCHES.	<ol> <li>REFER TO ELECTRICAL DRAWINGS FOR FIRE ALARM SYSTEM AND SMOKE DETECTION INFORMATION.</li> <li>ALL ASSEMBLY AREAS SHALL BE POSTED WITH A PLACARD STATING MAXIMUM OCCUPANT LOAD. PLACARD SHALL MOUNTED IN A CONSPICUOUS PLACE. ALL POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND MAINTAINED BY OWNER.</li> </ol>

		0.004	FE SAFETY P E: 1/8" = 1'-0"	<u>LAN</u>		
PROJECT INFORMATION	OCCUPANT LOAD BASED ON FBC TABLE 1004.5		,	INDEX OF	DRAWINGS	
LOCATION 301-311 EAST GARDEN STREET	KITCHEN 100 1,490 SF/200	8	GENERAL		MECHANICAL	
PENSACOLA, FL. 32502 PROJECT DESCRIPTION	DINING 101 860/15	58	G-001 PROJECT DATA		M-101 HVAC PLAN M-102 HVAC ROOF PLAN	-
THE PROJECT IS THE BUILD OUT OF THE FIRST FLOOR OF THE SAVOY BUILDING TO INCLUDE THE GREAT HARVEST BREAD COMPANY, A FOOD HALL, AND A YOGA STUDIO.	KITCHEN 110 414 SF/200 FOOD HALL 116 EATING AREA 860/15	67	ARCHITECT  AD-100 DEMO PLAN  A-101 FLOOR PLAN  A-101D DIMENSION PLAN		M-201 SCHEDULES, LEGEND AND DETAILS  M-202 HVAC VENTILATION RATES  M-203 HVAC VENTILATION RATES	- A
OCCUPANCY A2, B USE RESTAURANT, FOOD HALL, YOGA STUDIO	FOOD HALL 116 FOOD AND DRINK PREP 419 SF/200	2	A-102 REFLECTED CE A-103 FLOOR FINISH A-104 RAMP AND ST.		ELECTRICAL	RI
# OF TENANTS 3  CONSTRUCTION TYPE: V-A	YOGA STUDIO - 540 SF/15 - TOTAL INTERIOR	36 173	A-200 INTERIOR ELEV A-201 EXTERIOR ELEV A-300 INTERIOR DETA	VATIONS	E-001 POWER RISER DIAGRAM, LEGEND, SCHEDULES AND E-002 PANEL BOARD AND LIGHTING SCHEDULES E-101 OVERALL POWER PLAN	
SPRINKLED: YES  FIRE ALARM: YES  TOTAL BULD OUT AREA 6,244 SF.	OCCUPPANT LOAD OUTDOOR SEATING	40		NDOW SCHEDULES  JLE AND LEGEND	E-102 LIGHTING PLAN  E-103 PARTIAL POWER PLAN  E-104 PARTIAL POWER PLAN	
GREAT HARVEST BREAD COMPANY 2,556 SF  FOOD HALL 1,435 SF  FOOD HALL KITCHEN 414 SF  YOGA STUDIO 540 SF			FIRE PROTE SIGNED AND SEALED SHOP PDR	ECTION RAWINGS TO BE SUBMITTED UNDER SEPERATE	FOOD SERVICE EQUIPMENT  FS1 FOOD SERVICE EQUIPMENT DESIGN  COVER FS2 PLUMBING ROUGH IN CONNECTIONS  FS3 FLOOR SINK ROUGH IN CONNECTIONS	- - - -
LIFE SAFETY			PLUMBING P-101 SANITARY WAS	STE PLAN	FS4 ELECTRICAL ROUGH IN CONNECTIONS  GH1 FOOD SERVICE LAYOUT	
EXITS TOTAL 5  EXITS PER SPACE  GREAT HARVEST BREAD COMPANY 2				TER PLAN ATURAL GAS RISERS END DETAILS AND SCHEDULES PLAN	GH2 PLUMBING ROUGH IN CONNECTIONS GH3 FLOOR SINK ROUGH IN CONNECTIONS GH4 ELECTRICAL ROUGH IN CONNECTIONS	_
FOOD HALL FOOD HALL KITCHEN 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		FLORIDA	A PRODUCT AF	PPROVAL NUMBERS	S:	
MAX TRAVEL DISTANCE 85'	PRODUCT CATEGORY	MANUFACTUR	ER	PRODUCT LINE/TYPE	APPROVAL NO.	
1. BUILDING IS FULLY SPRINKLED (REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION).	WINDOWS - ALUMINUM STOREFRONT	CORAL INDUSTRIES		FL 550T	FL# 35066.1 R1	
2. ALL PENETRATIONS THROUGH FIRE RATED AND	DOOR — ALUMINUM STOREFRONT	CORAL INDUSTRIES		MS381	FL# 10432.1	_  P 
SOUND RATED CONSTRUCTION SHALL BE PROTECTED & SEALED WITH THE APPROPRIATE	DOORS - HOLLOW METAL AND FRAME	CECO		INSULATED HURRICAIN RESUISTANT	FL #16355.3 R5	
ACOUSTICAL & FIRE STOPPING ASSEMBLIES. ALL FIRESTOPPING TO BE UL APPROVED ASSEMBLY.	BOARD AND BATTEN SIDEING	JAMES HARDIE		BOARD AND BATTEN SIDEING	FL #1323 R8	S
1						

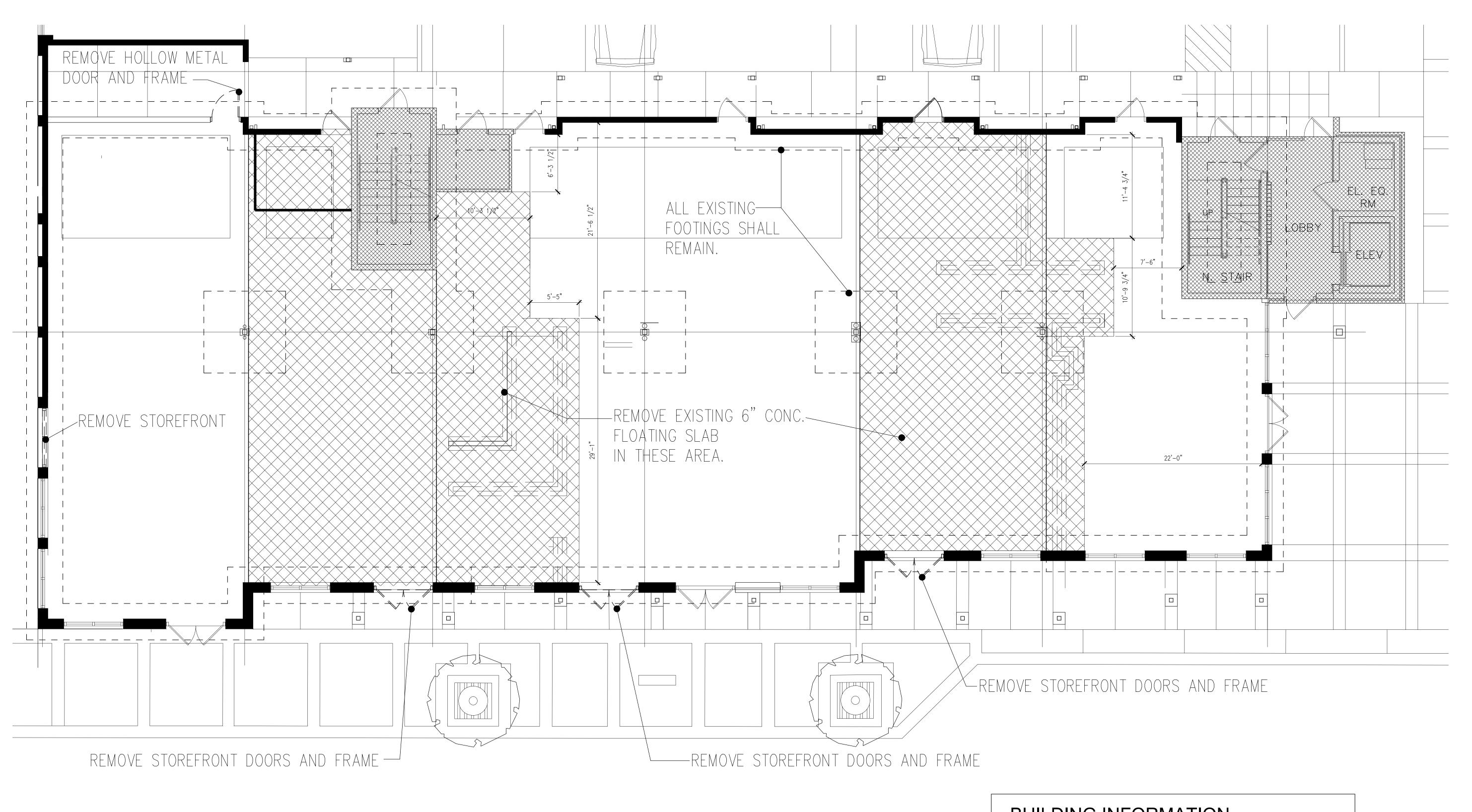
		THO WILL HOMBEING	<b>,</b>	DRAWN BY: PDP
PRODUCT CATEGORY	MANUFACTURER	PRODUCT LINE/TYPE	APPROVAL NO.	DRAWN BY: PDP
WINDOWS — ALUMINUM STOREFRONT	CORAL INDUSTRIES	FL 550T	FL# 35066.1 R1	CHECKED BY: PDP
DOOR - ALUMINUM STOREFRONT	CORAL INDUSTRIES	MS381	FL# 10432.1	PROJECT NO. 2412
DOORS - HOLLOW METAL AND FRAME	CECO	INSULATED HURRICAIN RESUISTANT	FL #16355.3 R5	DATE: 5/7/25
BOARD AND BATTEN SIDEING	JAMES HARDIE	BOARD AND BATTEN SIDEING	FL #1323 R8	SHEET TITLE :
				PROJECT D

NOTE: PRODUCTS INDICATED ABOVE ARE SELECTED FOR USE AS BASIS OF SPECIFICATIONS. CONTRACTOR SHALL PROVIDE THE REQUIRED PRODUCT FLORIDA PRODUCT APPROVAL NUMBERS FOR EQUIVALENT APPROVED SUBSTITUTIONS.

CHECKED BY: PDP PROJECT NO. 2412 DATE: 5/7/25

PROJECT DATA, LIFE SAFETY PLAN & COVER SHEET

SHEET NO. :





BUILDING INFORMATION							
LOCATION	321 N. DEVILLERS ST PENSACOLA, FL. 32501						
BUILDING SATUS	EXISTING						
OCCUPANCY	R2 AND FUTURE A2						
USE	APARTMENTS AND FUTURE RESTURAUNT						
	1						
CONSTRUCTION TYPE:	V-A						
SPRINKLED:	YES						

# SCOPE OF WORK

THE BUILDING WAS ORIGINALLY DESIGNED TO HAVE FIVE MIXED USE TENANT SPACES ON THE GROUND FLOOR. THE INTERIOR CONCRETE SLAB WAS STEPPED TO ALIGN THEIR ENTRANCES WITH THE EXISTING SIDE WALK GRADE. THE OWNER NOW ANTICIPATES THAT THERE WILL ONLY BE THREE SPACES AND SEEKS APPROVAL TO DEMOLISH TWO PORTIONS OF THE SLAB. THE NEW WORK FOR THIS AREA WILL BE SUBMITTED AS A SEPARATE PACKAGE.

smp.

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PROJECT NO. 2412

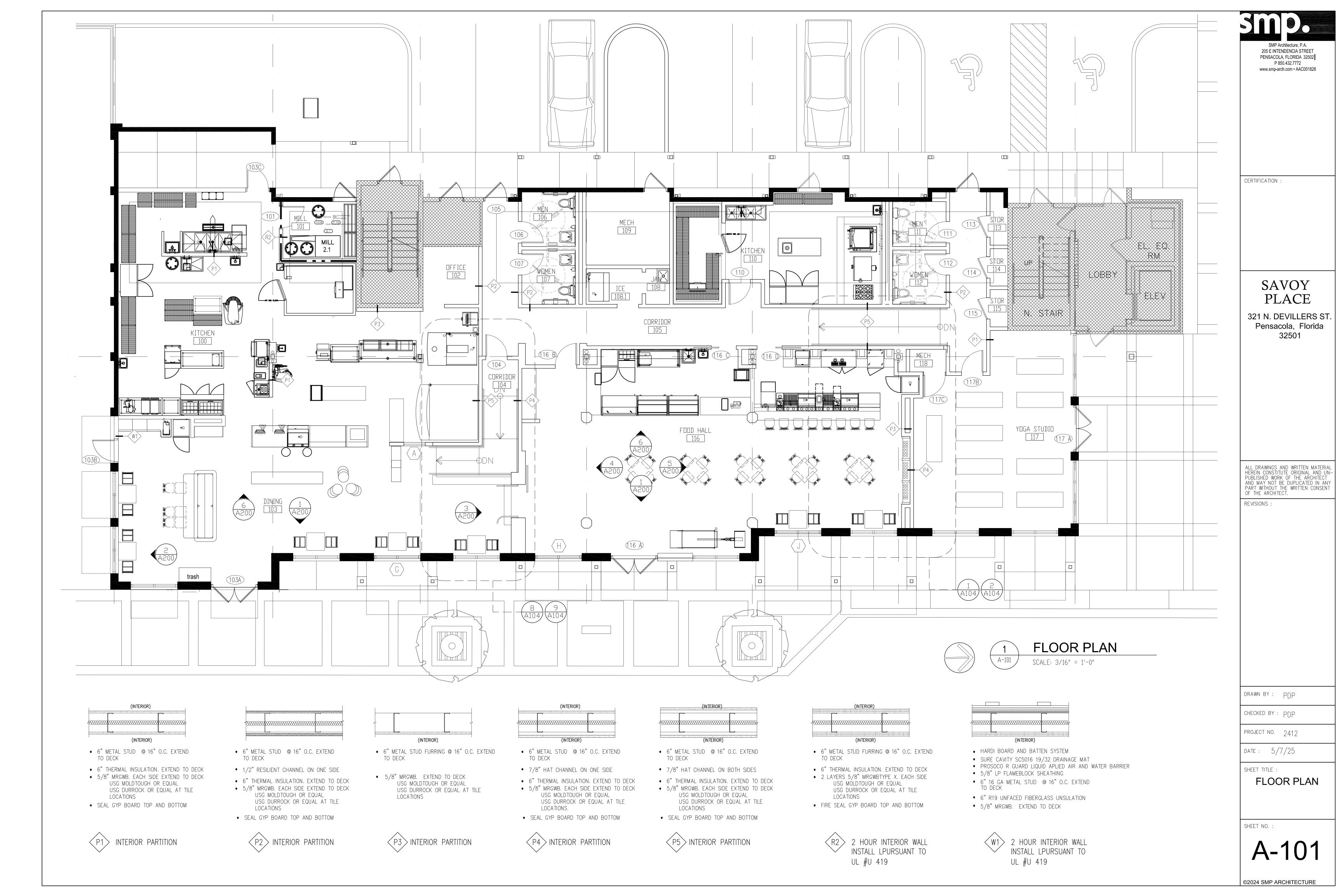
DATE: 5/7/25

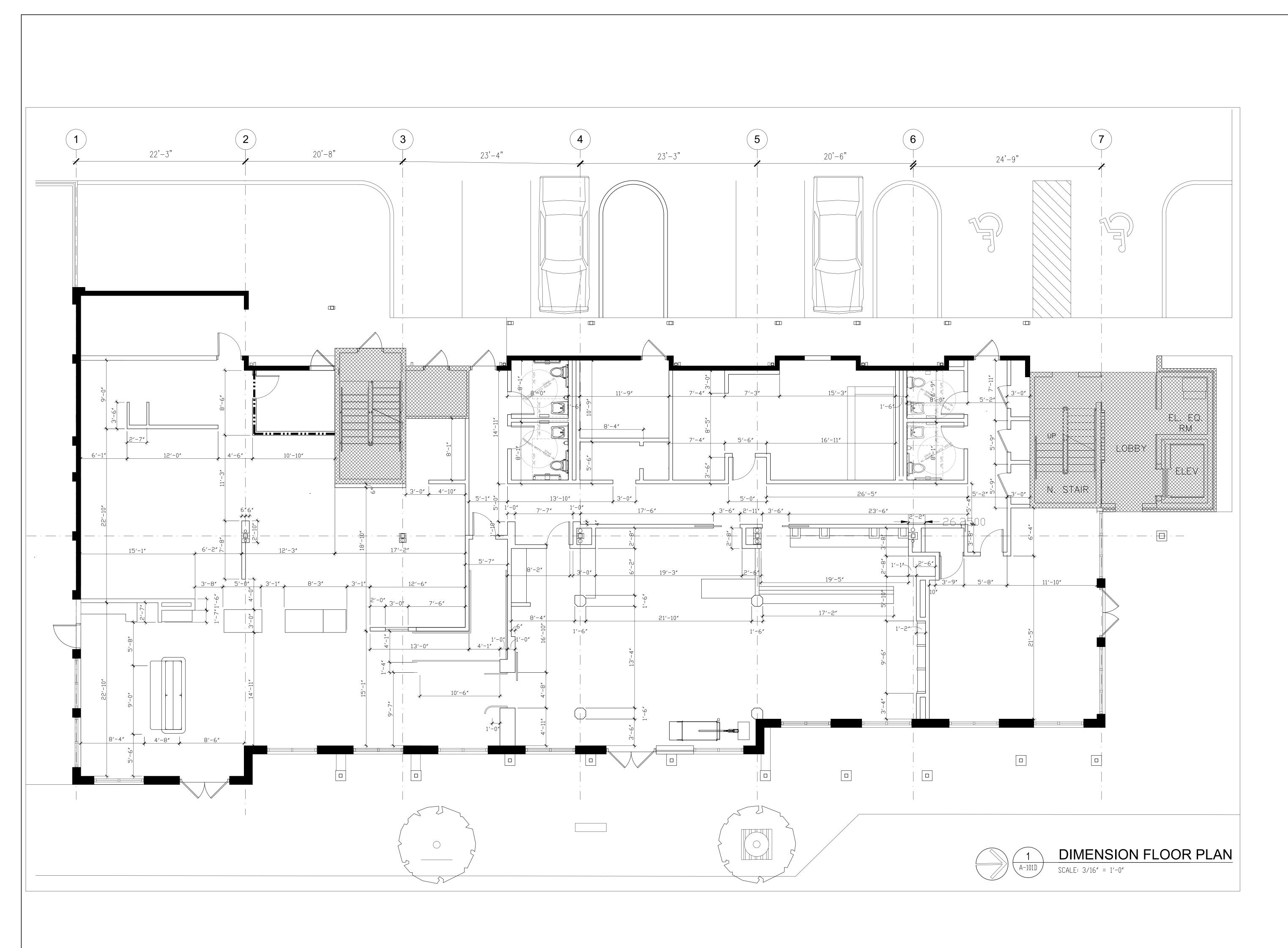
SHEET TITLE :

DEMO PLAN

SHEET NO.:

D-100





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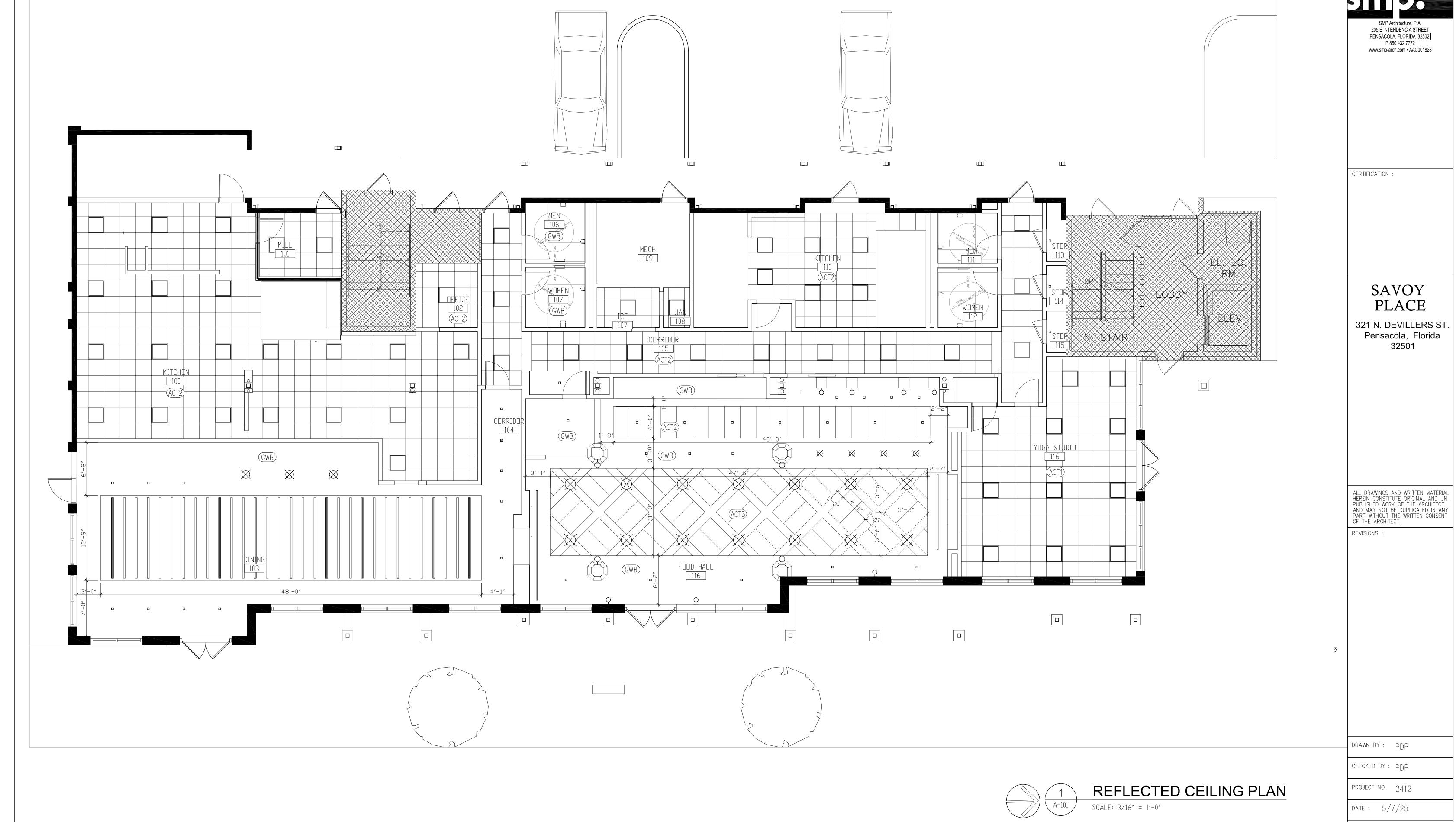
DATE: 5/7/25

SHEET TITLE :

DIMENSION PLAN

SHEET NO. :

A-101D

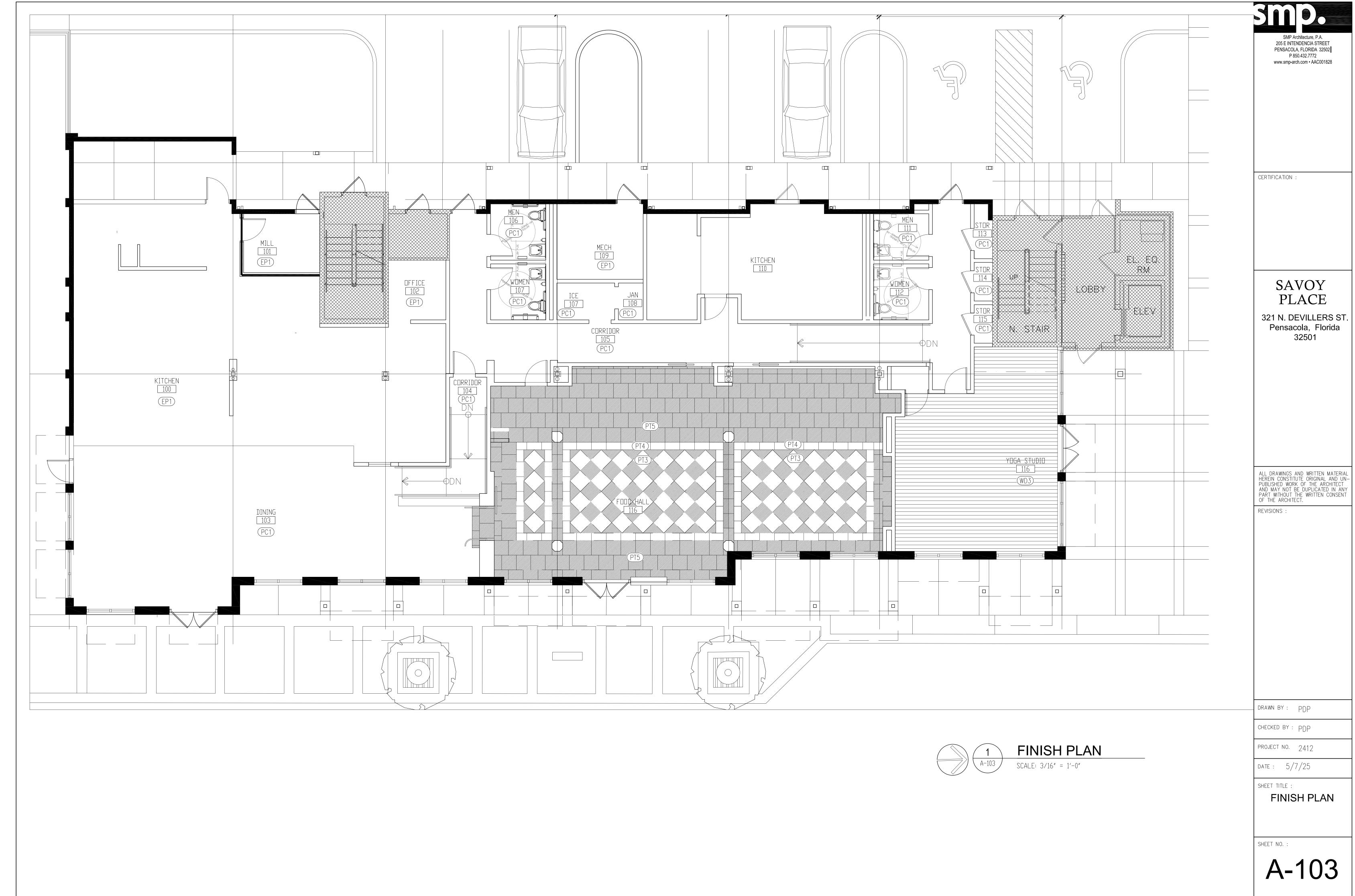


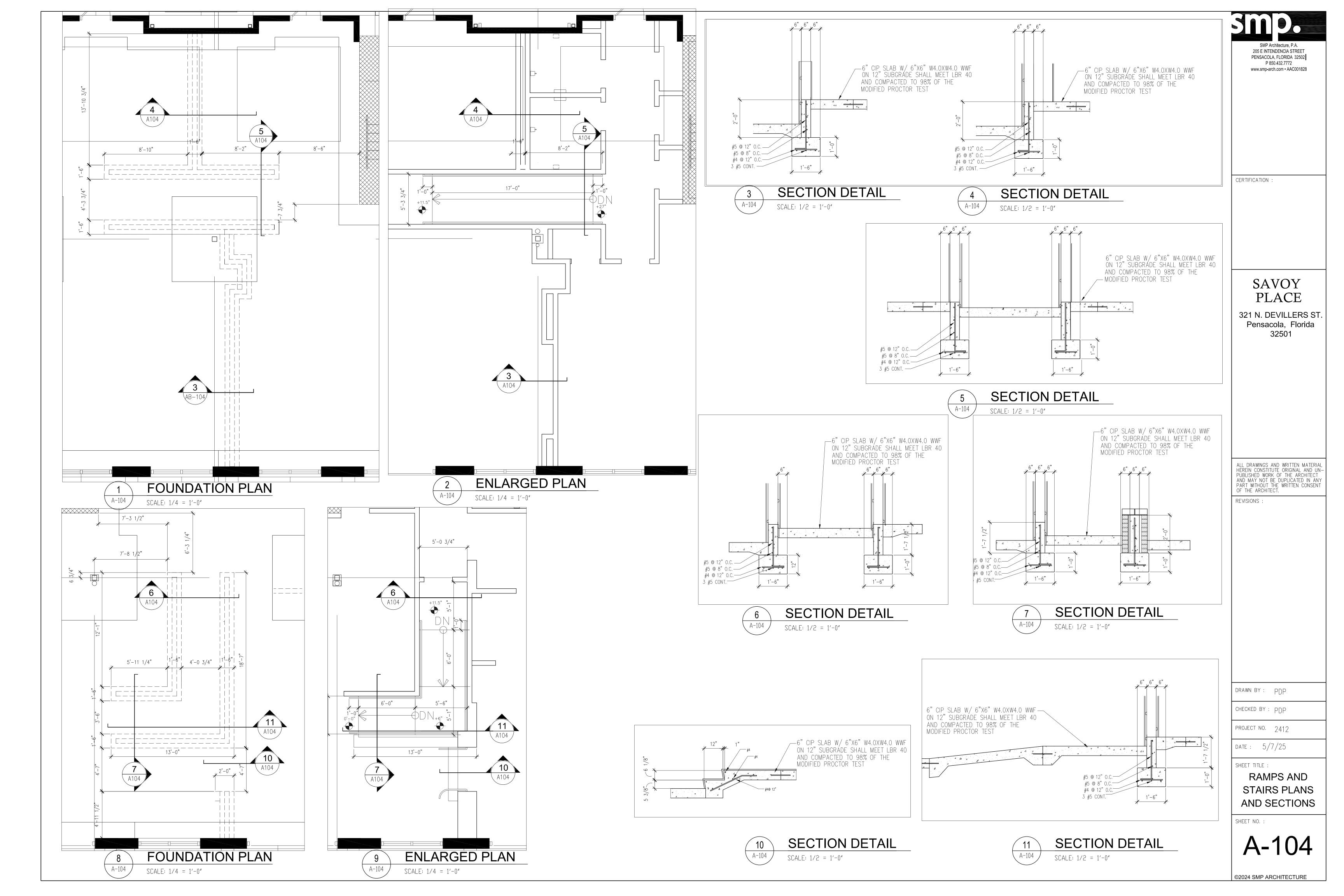
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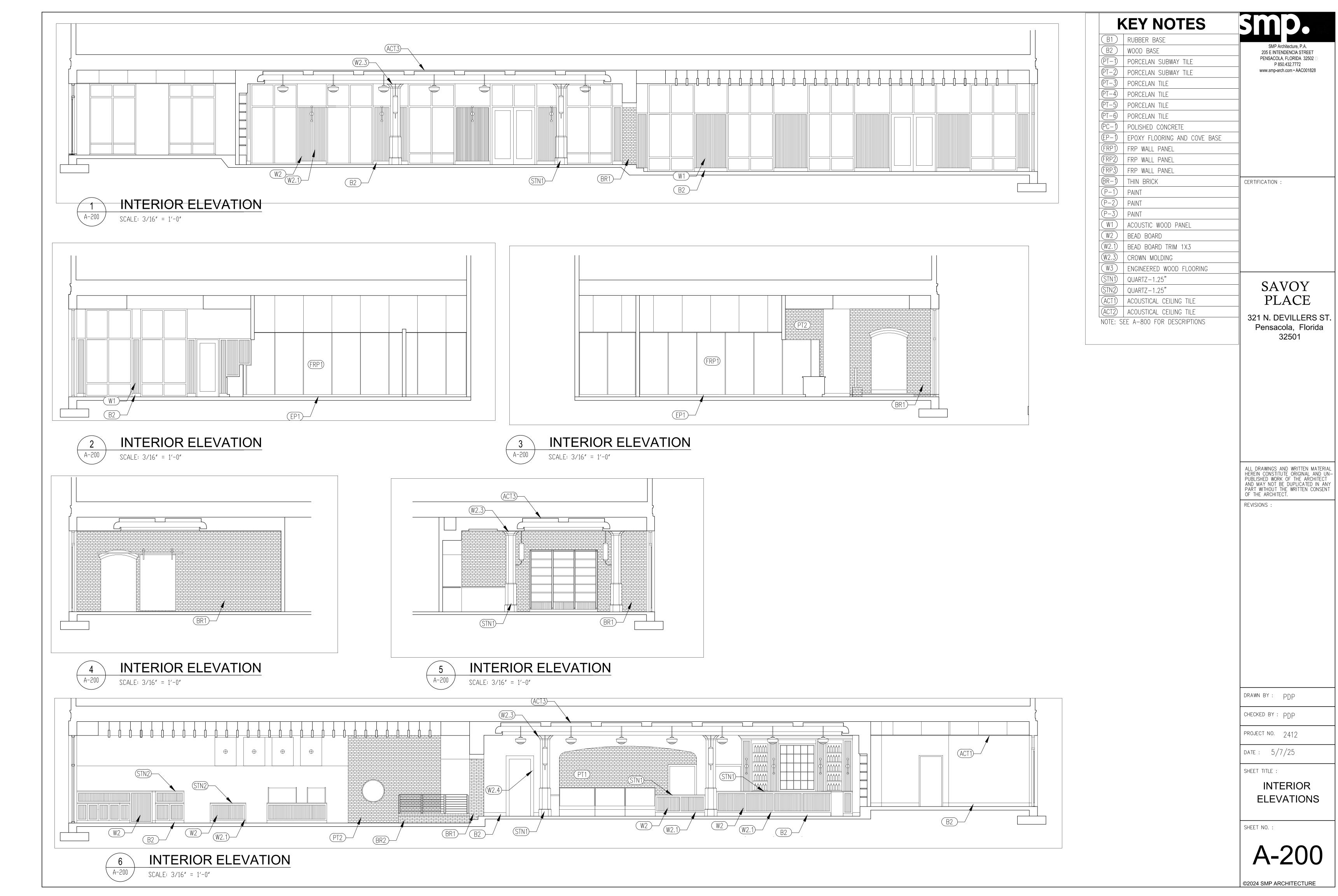
RCP

SHEET NO.:

A-102



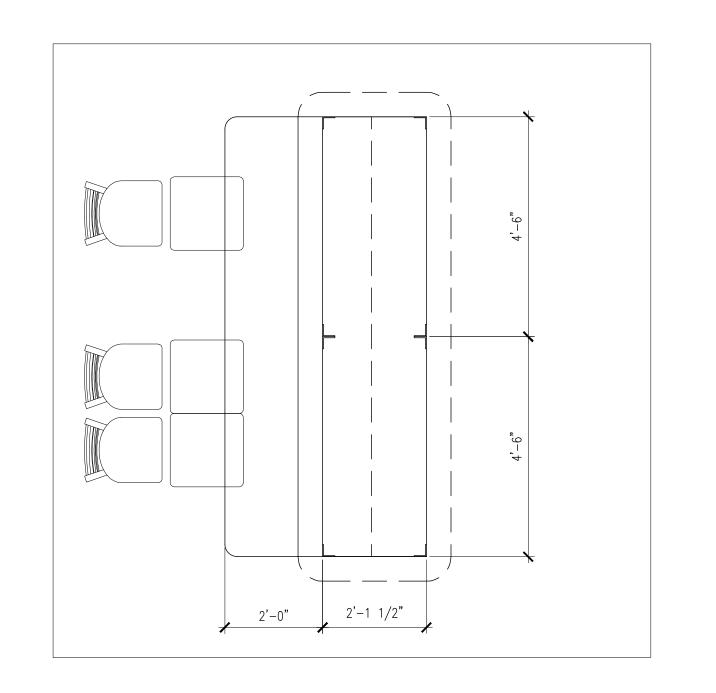


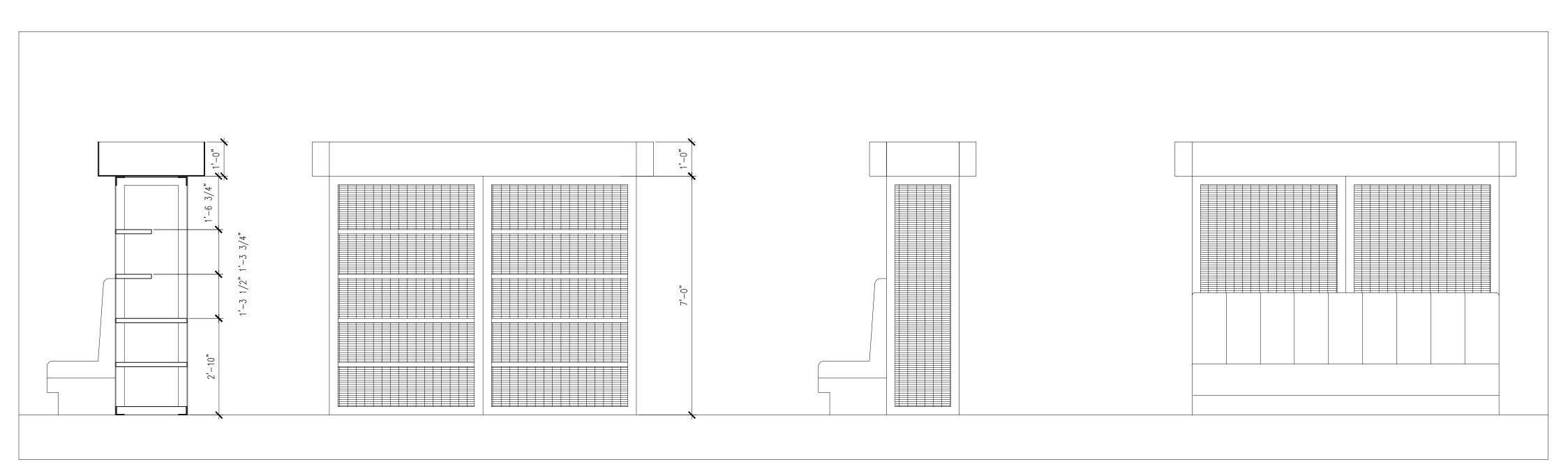


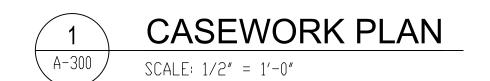


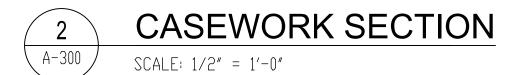
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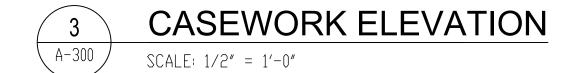
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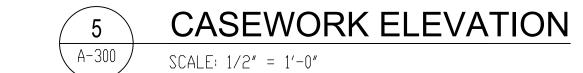


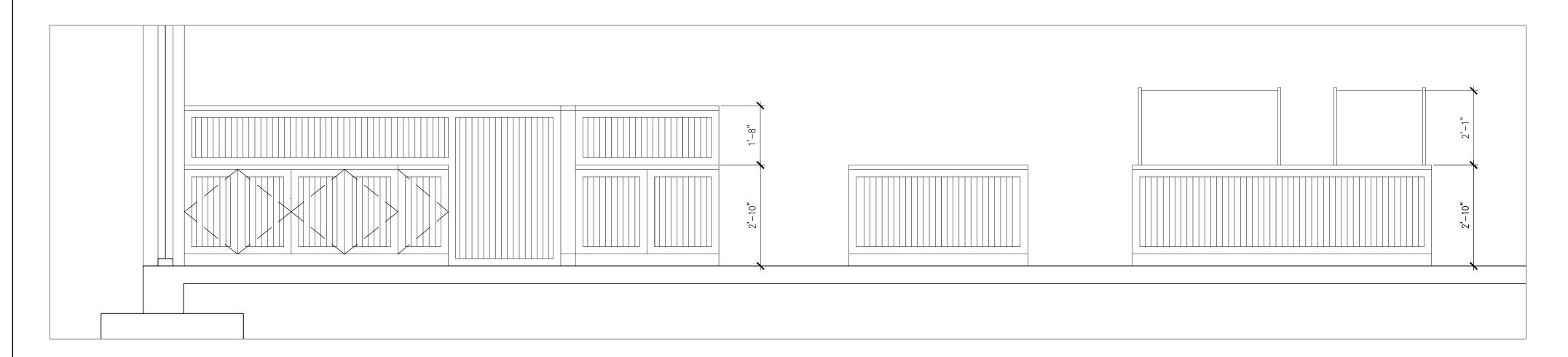


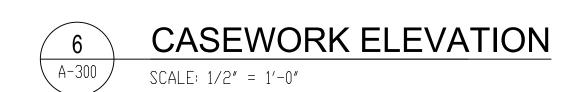


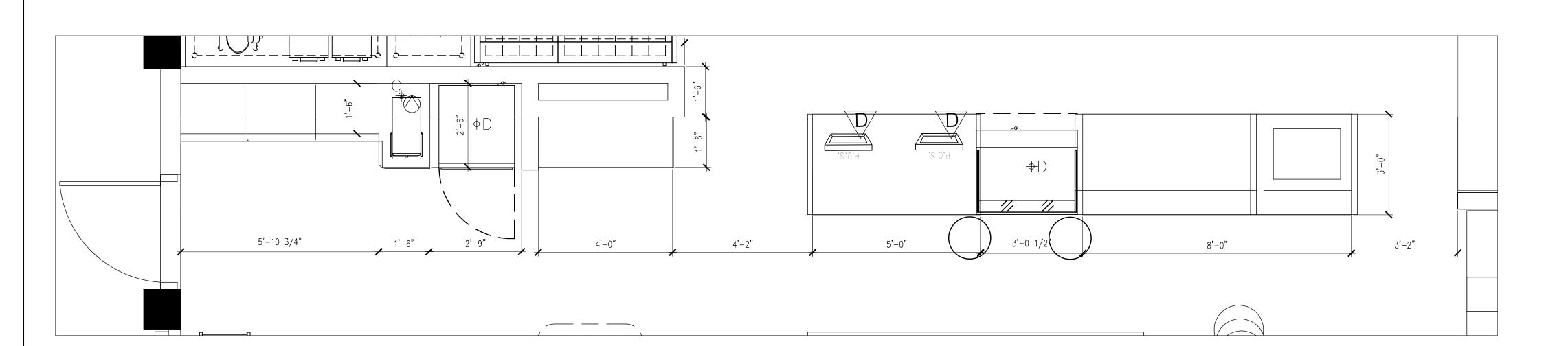


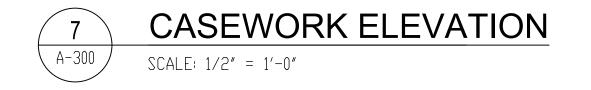














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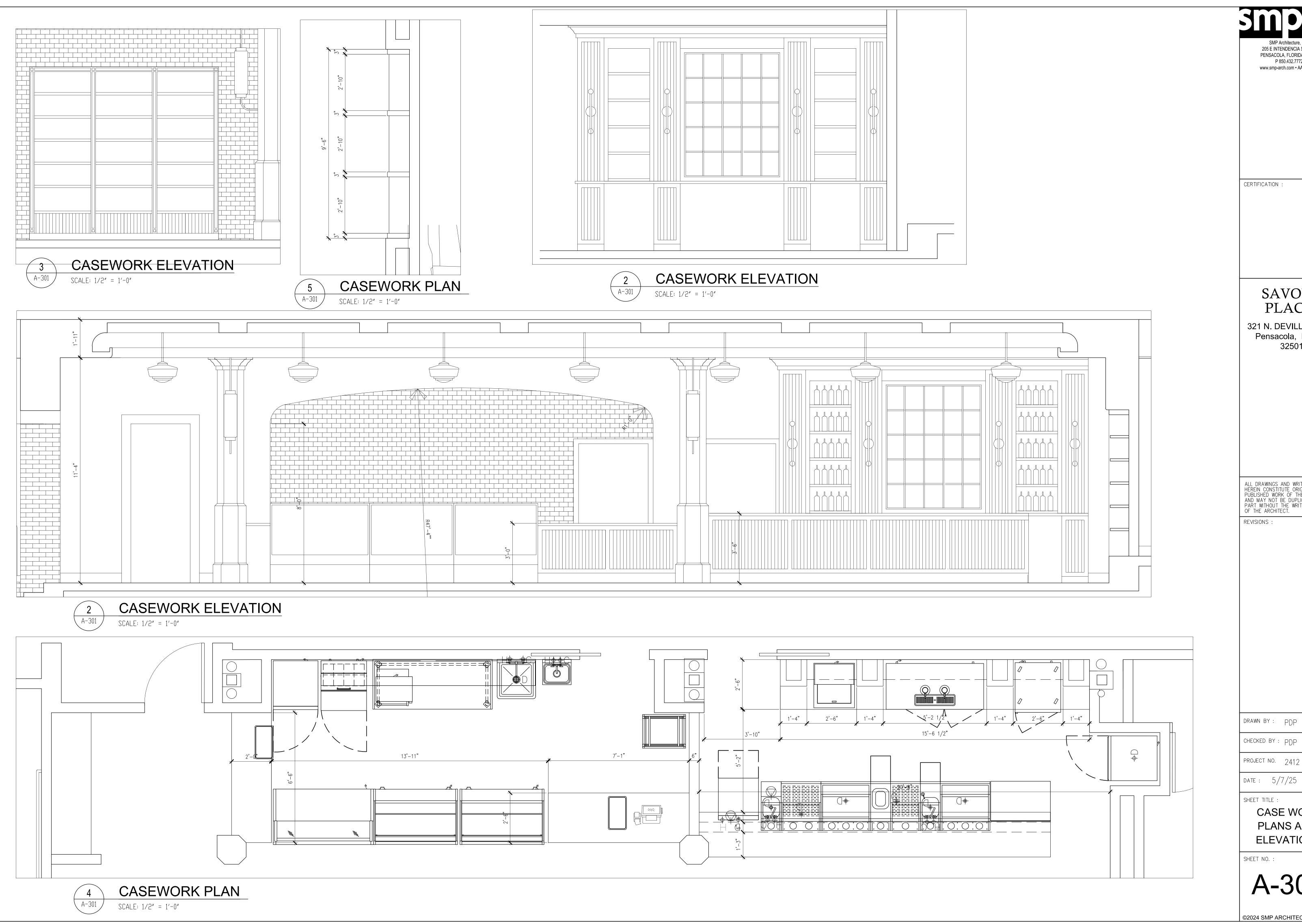
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SHEET TITLE :

CASE WORK
PLANS AND
ELEVATIONS

SHEET NO. :

A-300



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PROJECT NO. 2412

DATE: 5/7/25

SHEET TITLE :

CASE WORK PLANS AND **ELEVATIONS** 

SHEET NO.:

	Door Sc	hedule										ABE	BREVIATION	IS LEGEN	ID	
Door		Frame	Fire Rating	Impact Rating	H'dware											
Mark Location Type Mat. Width Height	nick. Finish Material Fini	ish Glazing			Set No.	Rem	arks						PRE-FINISHED ALUMINUM HOLLOW METAL	1		
Type Matt Watt Height	nok. Timori Watoriai Tim	Jiazirig				1 (0111	arro						SOLID CORE WOOD DOOF	?		
													STAINLESS STEEL	,		
100 KITCHEN 100 A HM 3'-0" 7'-0"	– PAINTED HM PAINT			YES							V		WOOD			
101 MILL 101 A HM 3'-0" 7'-0"	- PAINTED HM PAINT		1.5 HR	V.50								BOM	BOMMER INDUSTRIE	ES, INC.		
103A DINING 103 EXIST ALUM PR 3'-0" 8'-0"	- PRE FIN EXIST PRE			YES								<u>LE</u>	GLYNN-JOHNSON			
103B DINING 103 C ALUM 3'-0" 8'-0"	<ul><li>PRE FIN ALUM PRE</li><li>PRE FIN WOOD PAINT</li></ul>			YES								LCN	LCN PRODUCTS			
104         CORRIDOR 104         B         SCWD         3'-0"         8'-0"           105A         CORRIDOR 104         EXIST         HM         3'-0"         7'-0"												<u>IVE</u>	IVES			
105A         CORRIDOR 104         EXIST         HM         3'-0"         7'-0"           105A         CORRIDOR 104         EXIST         HM         3'-0"         7'-0"	<ul><li>PAINTED WOOD PAINT</li><li>PAINTED WOOD PAINT</li></ul>											<u>NGP</u>	NATIONAL GUARD F	PRODUCT		
106 MEN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT				+							<u>SCH</u>	SCHLAGE			
107 WOMEN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT											VON	VON DUPRIN			
108 JAN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT											ZER	ZERO, INT'L.			
109 MECH EXIST HM 3'-0" 7'-0"	<ul><li>PAINTED WOOD PAINT</li></ul>											MT	EMTEK			
110 KITCHEN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT															
111 MEN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT	TED														
112 WOMEN B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT	TED														
113 STOR B SCWD 3'-0" 8'-0"	– PRE FIN WOOD PAINT	TED														
114 STOR B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT															
115 STOR B SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT															
116A FOOD HALL 116 EXIST ALUM PR 3'-0" 8'-0"	– PRE FIN EXIST PRE															
116B FOOD HALL 116 D SCWD 3'-0" 8'-0"	- PRE FIN WOOD PAINT															
116C FOOD HALL 116 D SCWD 3'-0" 8'-0"	– PRE FIN WOOD PAINT	IED														
116D FOOD HALL 116 E ST 5'-4" 8'-0"	- PRE FIN EXIST PRE	ΓΙΝΙ			+											
117A YOGA STUDIO EXIST ALUM	- PRE FIN WOOD PAINT															
117B         YOGA STUDIO         B         SCWD         3'-0"         8'-0"           117C         YOGA STUDIO         B         SCWD         3'-0"         8'-0"	- PRE FIN WOOD PAINT															
1176 100A 310DIO   D   30WD   3 0   0 0	THE THY WOOD TAINT			DOOR H	HARD	\// <b>A</b> F	?F									
FM-HW-01				BOOKI			IVIDED BY DOOR MAN	UFACTURER)	HARDWARE SET #0	<u>06</u>			HARDWARE SET #08			
MANUFACTURER- EMTEK	<u>FM-HW-01A</u>								Provide each SGI	L door(s) with the follo	wing:		Provide each SGL de	oor(s) with the follo	 	
DOOR LEVER-SANDCAST BRONZE MARIPOSA LEVER W/#3 ROSETTE	DOOR LEVER-SANDCAST BRONZ	ZE MARIPOSA LEVER W/#3 ROSETT	TE		HARDWARE S	SET #05_			3 HINGES	5BB1 4.5×4.5	26D	IVE	3 HINGES	5BB1 HW 4.5×4.5	26D	IVE
FINISH: FLAT BLACK BRONZE PATINA	FINISH: FLAT BLACK BRONZE P	PATINA			Provide eac	th SGL door	(s) with the followin	19:	1 STORAGE LOCKS	SET ND80TD SPA	26D	SCH	1 SURFACE CLOSER	4040XP	26D	LCN
PASSAGE SET 7104MAFB	PRIVACY SET 7204MAFB				3 HINGES		5BB1 HW 4.5×4.5	26D	IVE CLOSER	4040XP	32D	SCH	1 STORAGE LOCKSET	ND80TD SPA	26D	SCH
HINGES-3 PER DOOR EMTEK 4"X4" SQUARE BARREL HEAVY DUTY HINGES	HINGES-3 PER DOOR EMTEK 4"	"X4" SQUARE BARREL HEAVY DUTY	/ HINGES		1 SURFACE C		4040XP	26D	LON1 KICK PLATE	8400 8x34	32D	IVE	1 OVERHEAD HOLDER		32D	SCH
-FINISH FLAT BLACK BRONZE PATINA	-FINISH FLAT BLACK BRONZE				1 EXIT DEVICE		I-98-L-F-17	26D VOI		WS406/407CCV	32D	IVE		8400 8x34	32D	IVE
FLOOR STOP-1 PER DOOR EMTEK CYLINDER FLOOR BUMPER -FINISH FLAT BLACK BE	ZE PATINA FLOOR STOP-1 PER DOOR EMTE	LK CYLINDER FLOOR BUMPER -FINI	ISH FLAT BLACK I	BRONZE PATINA	1 LOCKSET		10G04 LL	26D	SCH 3 SILENCER	SR64	GRAY	IVE		5050-HEAD & JAMBS		NGP
CLOSER-SCHALGE 4040XP -FINISH FLAT BLACK BRONZE PATINA	ΓM_11\1 ΩΩ				1 OVERHEAD			32D	SCHHARDWARE SET #		all awks a ·		1 DOOR SWEEP	381A	AL	ZER
	PULL & SLIDING DOORS-SA	ANDCAST RUSTIC MODERN RECTANG		\$ (DACN TH DACN)	1 KICK PLATE		00 8x34	32D IVE		ngle door(s) with the fo 5BB1 HW 4.5x4.5		T\ / Γ		425HD	AL	NGP
	FINISH: FLAT BLACK BRONZE PA		TOCHK DUUK TULL	S (DHCK II BACK)	1 WEATHERSTF 1 DOOR SWEE		50-HEAD & JAMBS	AL ZEF			56D	SCH	1 WALL STOP HARDWARE SET #09	WS406/407CCV	32D	IVE
	PRODUCT NUMBER BTB 86180 FI				1 THRESHOLD		25HD	AL ZEI AL NGF		WS406/407CCV	32D	SC.	JOHNSON HEAVY DUTY	6" POCKET DOOR FRAN	MF KIT 2060 SFR	 {IFS.
	ALL OTHER HARDWARE BY CASE				1 DOOR VIEW		<u> </u>	B26D LE	1 KICK PLATE	8400 8×34 LDW	32D	) IVE	EMTECK RUSTIC MODE			
					. DOON FIET			J200 LL	3 SILENCER	SR64	GRAY	IVE	FINISH: FLAT BLACK			
DC	R TYPES								\//	INDOW	TVD	PFS	1			
	/								VV			LO				

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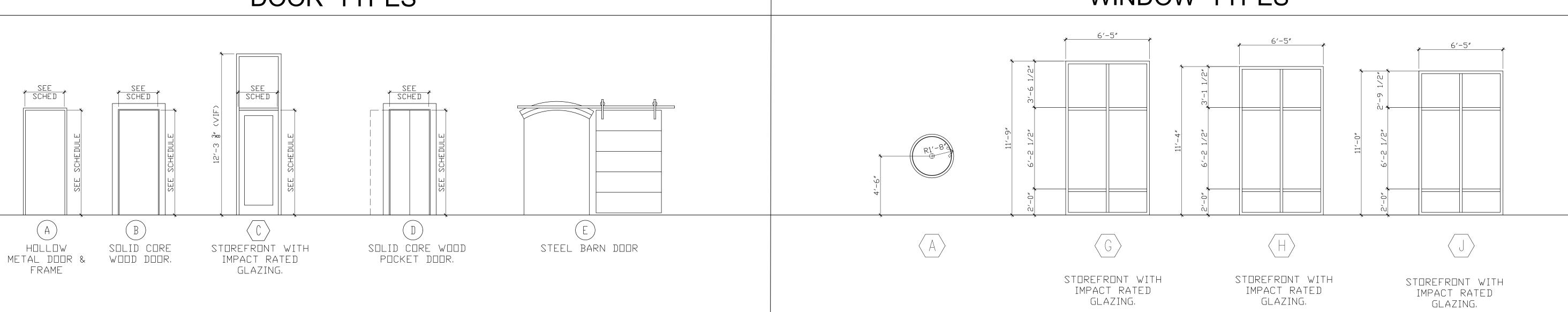
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SHEET TITLE :

SCHEDULES

SHEET NO.:

ABBREVIATIONS LEGEND		ROOM	M FINISH SCH	EDULE			ISMD.
TT TERRAZZO TILE AND BASE CPT CARPET PL PLASTIC LAMINATE ST STAIN FINISH	ROOMS	FLUURS	ALLS	CEILIN	IGS NOTES	CASEWORK	SMP Architecture, P.A. 205 E INTENDENCIA STREET
SWP SCULPTED WALL PANEL WD WOOD	MARK ROOM NAME MATE					BINET LOWER CABINET COUNTERTOP MARK	PENSACOLA, FLORIDA 32502 D P 850.432.7772 www.smp-arch.com • AAC001828
RB VINYL/ RUBBER WALL BASE STN STONE (QUARTZ) PGWB GYPSUM BOARD, PAINTED VCT VINYL COMPOSITION TILE	TOT WILL	EP1 FRP1 FRP1 FRP1	FRF FRF	P1 ACT 2 9	0'-0" 0'-0"		
	102OFFICEEP1103DININGPC1	EP1 FRP1 FRP1 WD3 BR1 PAINT WD1 ST	WD1 ST WE	O1 ST GYP BD \	0'-0" /ARIES	WD1 STN 2	
	104CORRIDORPC1105CORRIDORPC1	WD3 GWB PAINT GWB PAINT WD3 GWB PAINT GWB PAINT	GWB PAINT GV GWB PAINT GV	VB PAINT ACT 1 9	0'-0" 0'-0"		
1. FINISH SELECTIONS ARE THE BASIS  OF DESIGN. OTHER "EQUAL" PRODUCTS	106       MEN       PC1         107       WOMEN       PC1         108       JAN       FD1	WD3 GWB PAINT GWB PAINT WD3 GWB PAINT GWB PAINT  FD1 FD21	GWB PAINT GV GWB PAINT GV	VB PAINT GYP BD 8	3'-0" 3'-0"		
SUBMITTED IS SUBJECT TO REVIEW AND APPROVAL. 2. SEE FINISH LEGEND FOR FINISH	108       JAN       EP1         108.1       JAN       EP1         109       MECH       SEAL	EP1 FRP1 FRP1  EP1 FRP1 FRP1  FD CONC B1 GWB DAINT CWB DAINT	FRF FRF	P1 ACT 2 9	3'-0" '-0"		
DESCRIPTIONS AND INTERIOR ELEVATIONS FOR SPECIFIC FINISH LOCATIONS.	110 KITCHEN EP1 111 MEN PC1	ED CONC B1 GWB PAINT GWB PAINT  EP1 FRP2 FRP2  WD3 GWB PAINT GWB PAINT	GWB PAINT GV FRE GWB PAINT GV	P2 ACT 2 S	0'-0" 3'-0"		CERTIFICATION:
3. PROVIDE 6" SAFB INSULATION ABOVE CEILING. EXTEND SAFB INSULATION 48" EACH SIDE,	112 WOMEN PC1 113 STORAGE PC1	WD3 GWB PAINT GWB PAINT B1 GWB PAINT GWB PAINT	GWB PAINT GV GWB PAINT GV	VB PAINT GYP BD 8	3'-0" 3'-0"		
OVER THE TOP OF ADJACENT WALLS.  4. SEE INTERIOR ELEVATIONS AND	114 STORAGE PC1 115 STORAGE PC1	B1 GWB PAINT GWB PAINT B1 GWB PAINT GWB PAINT	GWB PAINT GV GWB PAINT GV	VB PAINT GYP BD 8	3'-0"		
ENLARGED PLANS FOR SPECFIC FINISH LOCATIONS ON CASEWORK.	116 FOOD HALL PT3,4 117 YOGA STUDIO WD3		WD2 PAINT GV GWB PAINT GV	VB PAINT GYP BD \	/ARIES WD2	WD2 PAINT	
		FINISH LEC			TIONS		
							SAVOY
BASE			PAINT				PLACE
CODE: CSCI: OSCI: OSOI: DESCRIPTION: MANUFACTURE B-1 * VINYL BASE Johnsonite	JRER: FINISH / COLOR:  #40	REMARKS / NOTES:  NOTE:	P-1 CSCI: OSCI: OSOI:	DESCRIPTION: PAINT	MANUFACTURER: FINISH / COLOR: Sherwin Williams SW 6126	: REMARKS / NOTES:  NOTE:	321 N. DEVILLERS ST. Pensacola, Florida 32501
B-2 HEIGHT: 4"  1X6 PAINT GRADE WOOD BASE	Black	***Follow manufacturer's instructions.		ProMar 200 FINISH: Satin	Navajo White	(1) coat primer and (2) coats paint are required.  Accent Wall - Refer to Finish Schedule and Interior Elevations.	32301
			P-2	PAINT ProMar 200 FINISH: Satin	Sherwin Williams SW 9041 Parisian Patina	NOTE: (1) coat primer and (2) coats paint are required.	
TILE			P-3	PAINT	Sherwin Williams SW 7006	Accent Wall - Refer to Finish Schedule and Interior Elevations.  NOTE:	
CODE: CSCI: OSCI: OSOI: DESCRIPTION: MANUFACTURE  PT-1 CERAMIC SUBWAY TILE Crossville	JRER: FINISH / COLOR: #CPR01	REMARKS / NOTES:  GROUT INFORMATION :		ProMar 200 FINISH: Matte Finish	Extra White	(1) coat primer and (2) coats paint are required.  Use Flat/Matte finish on all gypsum ceilings and soffits.	
STYLE: Color Perspectives SIZE: 4" x 12"	Light - Polished	Mapei: #38, Avalanche Grout Line: Maximum: 1/16"					
PT-2 CERAMIC SUBWAY TILE Crossville STYLE: Color Perspectives	#CPR05 Tea - Polished	GROUT INFORMATION : Mapei: #38, Avalanche	WOOD				
SIZE: 4" x 12" THICKNESS: 6.35mm	rea - religited	Grout Line: Maximum: 1/16"	WOOD	DECODIDATION	MANUEACTURED FINIOUS COLOR	DEMARKO (NOTEO	ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE ORIGINAL AND UN-
PT-3 PORCELAIN STONE Crossville STYLE: Buenos Aires Mood	CIV03 Communique	GROUT INFORMATION: Mapei: #47, Charcoal	WD-1 CSCI: OSCI: OSOI:	DESCRIPTION:  OAK GREY FELT ACOUSTIC SLAT	MANUFACTURER: FINISH / COLOR: Wood Panel Wall USA Species: Oak	NOTE:	HEREIN CONSTITUTE ORIGINAL AND UN- PUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED IN ANY PART WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
SIZE: 24" x 24" THICKNESS: 9.5mm		Grout Line: 3mm (Recomended)		WOOD PANEL WALL THICKNESS: 21mm SIZE: 8' x 24"	Felt Color: Grey	Made with Grey felt backing.	REVISIONS :
PT-4 PORCELAIN STONE Crossville STYLE: Buenos Aires Mood	CIV03 Communique	GROUT INFORMATION: Mapei: #47, Charcoal	WD-2	Beaded Plywood Project Panel	Columbia Forrest Species: Maple	NOTE:  Made with Grey felt backing.	
SIZE: 12" x 24" THICKNESS: 9.5mm		Grout Line: 3mm (Recomended)		WOOD PANEL WALL THICKNESS: 1/4" SIZE: 24" x 48"	Products Painted: P-2	NOTE: Painted P-2 in Food Hall in specified walls and undercounter.	
PT-5 PORCELAIN STONE Crossville STYLE: Buenos Aires Mood	CIV06 Legality	GROUT INFORMATION: Mapei: #47, Charcoal	WD-3	ENGINEERED WOOD FLOOROING	SHAW EMPIRE OAK 5" WI	IDE SW583-01015	
SIZE: 24" x 24" THICKNESS: 9.5mm		Grout Line: 3mm (Recomended)					
PT-6 PORCELAIN STONE Crossville	CIV06 Legality COVE BASE	GROUT INFORMATION: Mapei: #47, Charcoal	STONE				
SIZE: 6" x 12" THICKNESS: 9.5mm		Grout Line: 3mm (Recomended)	STN-1   OSCI: OSCI: OSOI:	DESCRIPTION: QUARTZ	MANUFACTURER: FINISH / COLOR:  CAMBRIA Quartz Surfaces	: REMARKS / NOTES:  NOTE:	_
POLISHED CONCRETE				THICKNESS: 2cm (With 1.5" Laminated Finished Edges) EDGE TREATMENT: Mitered Edge	AVALENE		
PC-1 POLISHED CONCRETE WR MEADOW FLOORING	ES LIQUID HARD	NOTE:	STN-2	QUARTZ	Cambria Signature Collection	NOTE:	
SPECIES: Smooth STYLE: Polished				THICKNESS: 3/4" (With 1.2" Laminated Finished Edges) EDGE TREATMENT: Seacliff Edge (Z)	Carrick	***Follow manufacturer's instructions.	DRAWN BY: PDP
			ACCUIOTICAL				CHECKED BY : PDP
EPOXY				CEILING TILES		_	PROJECT NO. 2412
EP-1 EPOXY FLOORING AND COVE BASE ARMORPOXY	ARMOR BREW GREY	NOTE:	CODE: CSCI: OSCI: OSOI:  ACT-1	ACOUSTICAL TILE	MANUFACTURER: FINISH / COLO	NOTE:	DATE: 5/7/25
FRP	<u></u>	T		STYLE: Optima STYLE #: 3250 EDGE TYPE: Square Tegular		***Follow manufacturer's instructions.	SHEET TITLE :
FRP-1 FRP WALL PANEL MARLIGHT  FRP-2 FRP WALL PANEL MARLIGHT	MARLIGHT FRP P 118 NATURAL ALMOND CLASS A	NOTE:	ACT-2	SIZE: 24" x 24" x 1"  ACOUSTICAL TILE	Armstrong White	NOTE:	SCHEDULES
TIM WALLTANEE WARLIOTT	MARLIGHT FRP P 100 CLASSIC WHITE CLASS A	NOTE:  NOTE: INSIDE OF DIE WALLS		STYLE: KITCHEN ZONE STYLE #: 3250 EDGE TYPE: Square LAY IN		***Follow manufacturer's instructions.	
FRP-3 FRP WALL PANEL MARLIGHT	MARLIGHT FRP P 107 BLACK CLASS A	NOTE: INSIDE OF DIE WALLS	ACT-3	SIZE: 24" x 24" x 1"  ACOUSTICAL TILE	Armstrong GRAY	NOTE:	SHEET NO. :
BRICK BR-1 THIN BRICK GLEN GARY	OLDE LONDON THIN BRICK	NOTE:		FELT WORKS SIZE: 24" x 48" x 1"		***Follow manufacturer's instructions.	A-800
BR-1   THIN BRICK   GLEN GARY  BR-2   MODULAR BRICK   GLEN GARY	OLDE LONDON MODULAR BRICK	NOTE:					
	PAINT						©2024 SMP ARCHITECTURE

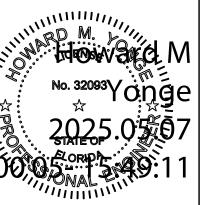
## SANIITARY WASTE KEYNOTES

- THIS CONTRACTOR TO TIE NEW WASTE LINES INTO EXISTING WASTE LINE (SEE CIVIL UTILITY PLAN FOR LOCATION). IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, DEPTH, FLOW DIRECTION, ALL NEW/EXISTING INVERTS AND CONDITION OF EXISTING LINES (IF APPLICABLE) PRIOR TO BID. THIS CONTRACTOR TO ASSURE THE EXISTING WASTE LINES ARE IN GOOD WORKING CONDITION (MEETS ALL APPLICABLE LOCAL CODES) AND FULLY FUNCTIONAL WITH CORRECT FALL/FLOW AND NO OBSTRUCTIONS (IF APPLICABLE). A SITE VISIT SHALL BE PERFORMED PRIOR TO BID. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO MAKE ANY NEĆESSARY DESIGN CHANGES, IF ANY; THESE APPLICABLE CHANGES SHALL BE INCLUDED IN THE ORIGINAL BID PRICE. ANY CHANGE ORDERS BROUGHT UP AFTER THE ACCEPTED BID THAT DIRECTLY RELATES TO FAILURE OF A SITE VISIT SHALL BE SOLELY THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. THE OWNER WILL NOT PAY FOR CHANGE ORDERS DUE TO THE CONTRACTORS FAILURE TO PERFORM A THOROUGH SITE VISIT. COORDINATE WITH ALL TRADES, FIELD VERIFY ALL EXISTING CONDITIONS.
- ② GAS FIRED INSTANT WATER HEATERS MOUNTED ON WALL AS HIGH AS POSSIBLE. ROUTE WATER HEATER T&P RELIEF AND CONDENSATE TO ADJACENT MOP SINK. AND/OR FLOOR DRAIN.
- 3 ROUTE COMBUSTION AIR INTAKE/EXHAUST PIPING FROM THE WATER HEATER TO A CONCENTRIC VENT TERMINATION LOCATION IN LOUVER. INSTALL WITH THE MINIMUM ELBOWS AND OFFSETS AS NECESSARY FOR A COMPLETE INSTALLATION PER THE WATER HEATER MANUFACTURER'S REQUIREMENTS.



205 E INTENDENCIA STREET PENSACOLA, FLORIDA 32502 P 850.432.7772 www.smp-arch.com • AAC001828

CERTIFICATION :



## SAVOY PLACE

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REVISIONS :

DRAWN BY: L. SUMLIN

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

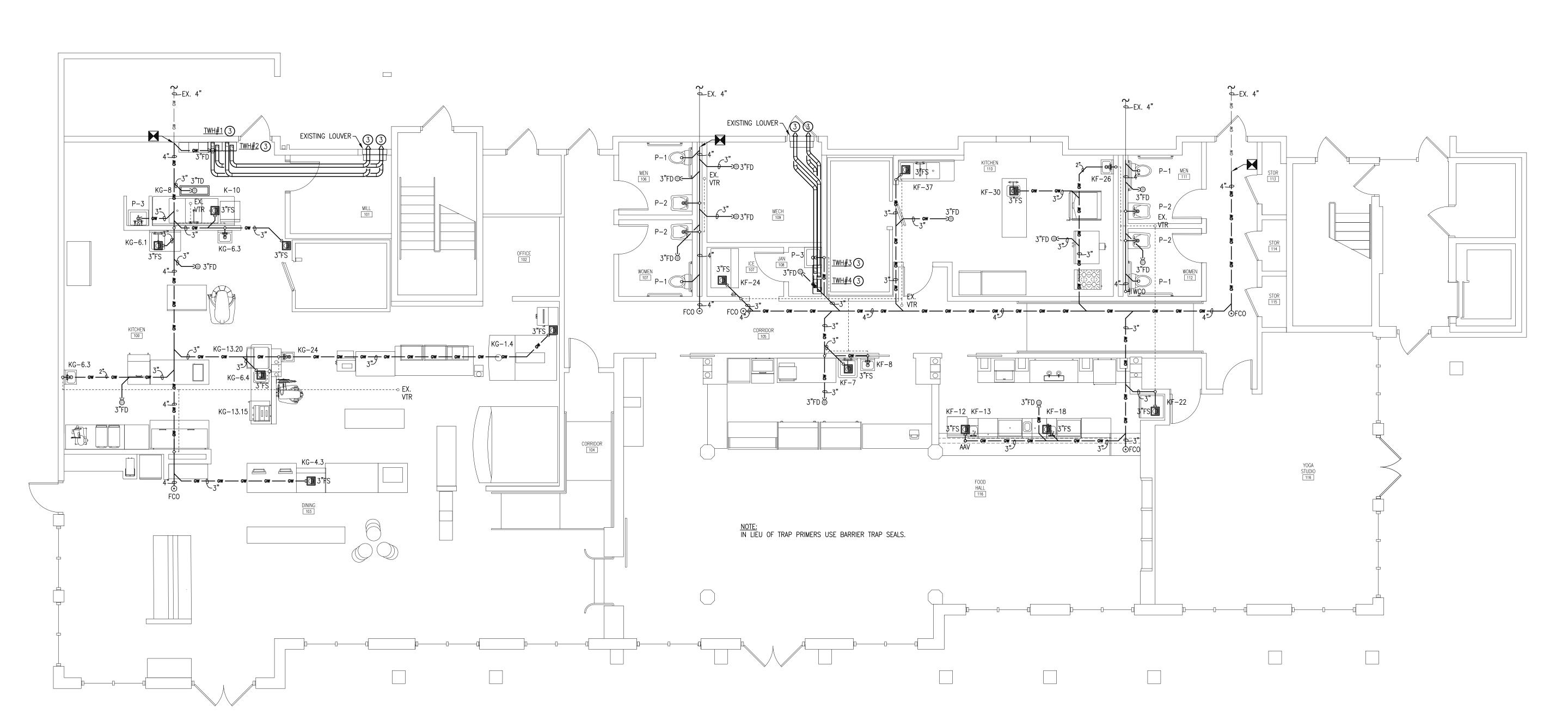
SANITARY

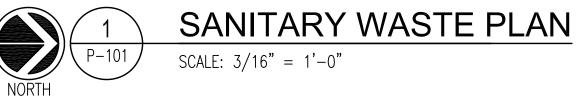
**WASTE PLAN** 

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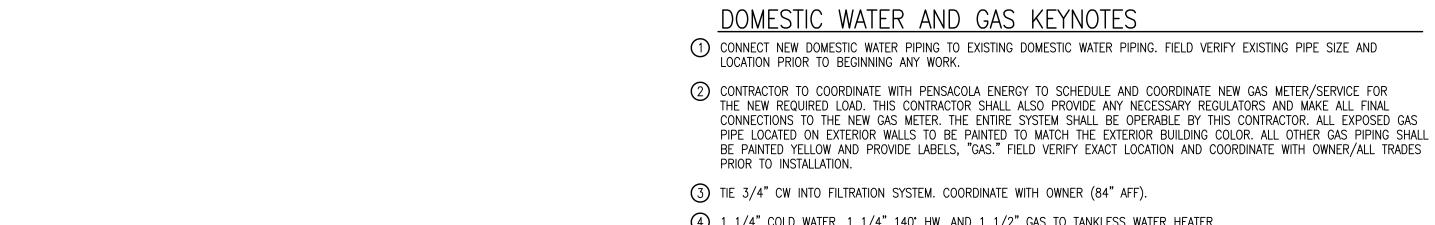
P-101

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H.M. YONGE & ASSOCIATES, INC. CONSULTING ENGINEERS // EST. 1988 51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661 CERTIFICATION OF AUTHORIZATION No: 5254 MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093



(3) TIE 3/4" CW INTO FILTRATION SYSTEM. COORDINATE WITH OWNER (84" AFF).

(4) 1 1/4" COLD WATER, 1 1/4" 140° HW, AND 1 1/2" GAS TO TANKLESS WATER HEATER.

(5) NEW POUNDS TO INCHES PRESSURE REGULATOR. GAS PIPING SERVING EQUIPMENT INSIDE THE BUILDING TO BE 0.5 PSI OR LESS AND A PRESSURE DROP OF 0.3" OF WATER COLUMN. GAS PIPING SIZED @ 1390 CFH.

(6) PROVIDE A ASSE 1070 TEMPERING VALVE SET @ 110°F. MOUNT UNDER SINK AS HIGH AS POSSIBLE, ATTEMPT TO CONCEAL.

7) 1 1/4" ANSUL VALVE PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE A FULL LINE SIZE BALL VALVE IN VERTICAL DROP, PRIOR TO ANSUL VALVE.

(8) 1 1/4" GAS PIPING DOWN ON WALL TO SERVE COOKING EQUIPMENT.

(9) CONNECT EXISTING GAS PIPING SERVING APARTMENT COURTYARD TO NEW GAS PIPING.

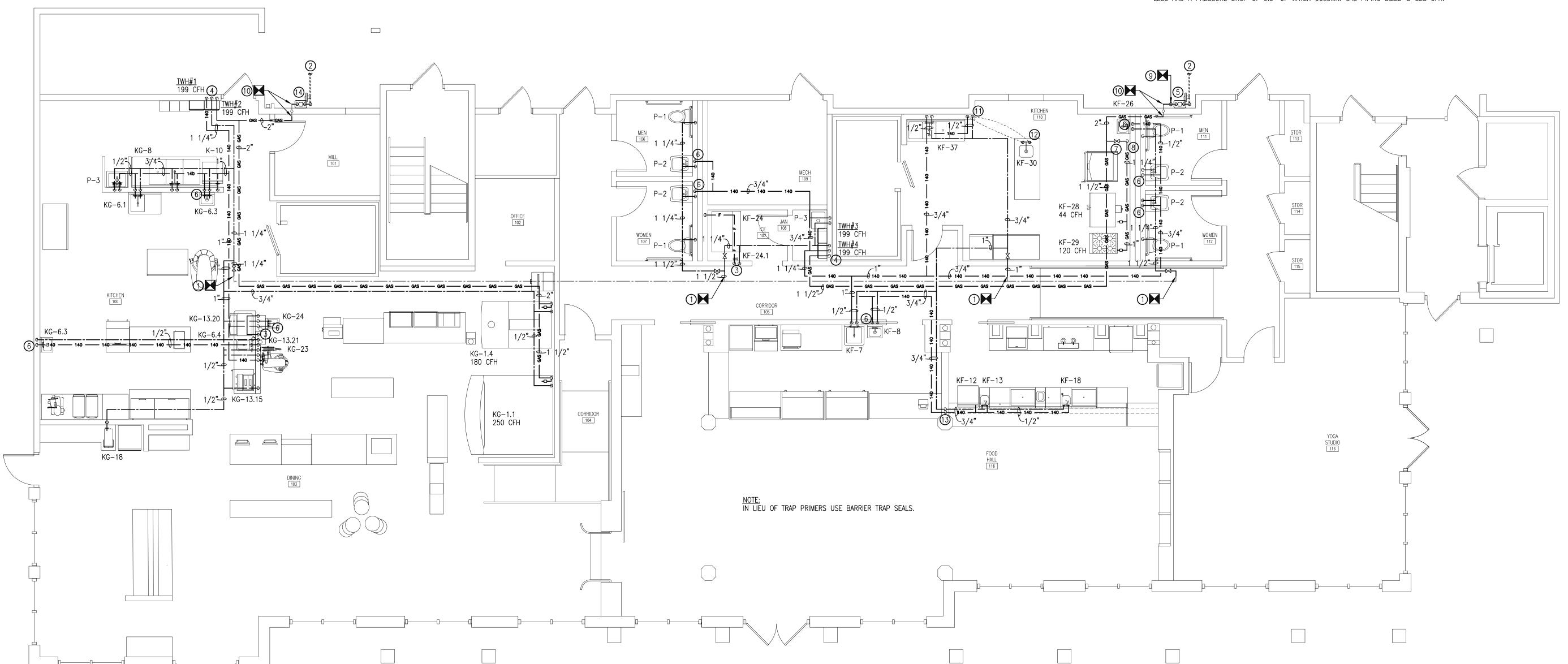
(10) CONNECT EXISTING GAS PIPING SERVING FIRST FLOOR TO NEW GAS PIPING.

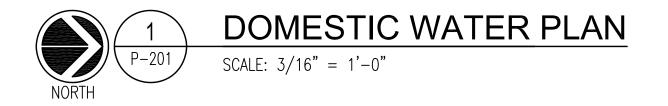
(1) 1/2" HOT AND COLD WATER DOWN INSIDE WALL TO BELOW GRADE AND OVER TO PREP TABLE.

(12) 1/2" HOT AND COLD WATER UP FROM BELOW GRADE TO BELOW COUNTERTOP AND CONNECT TO SINK.

3/4" HOT AND COLD WATER DOWN INSIDE WALL TO BELOW COUNTER AND OVER BELOW COUNTER FOR CONNECTION TO EACH FIXTURE.

NEW POUNDS TO INCHES PRESSURE REGULATOR. GAS PIPING SERVING EQUIPMENT INSIDE THE BUILDING TO BE 0.5 PSI OR LESS AND A PRESSURE DROP OF 0.3" OF WATER COLUMN. GAS PIPING SIZED @ 828 CFH.









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REVISIONS :

DRAWN BY: L. SUMLIN

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DATE: 05/07/25

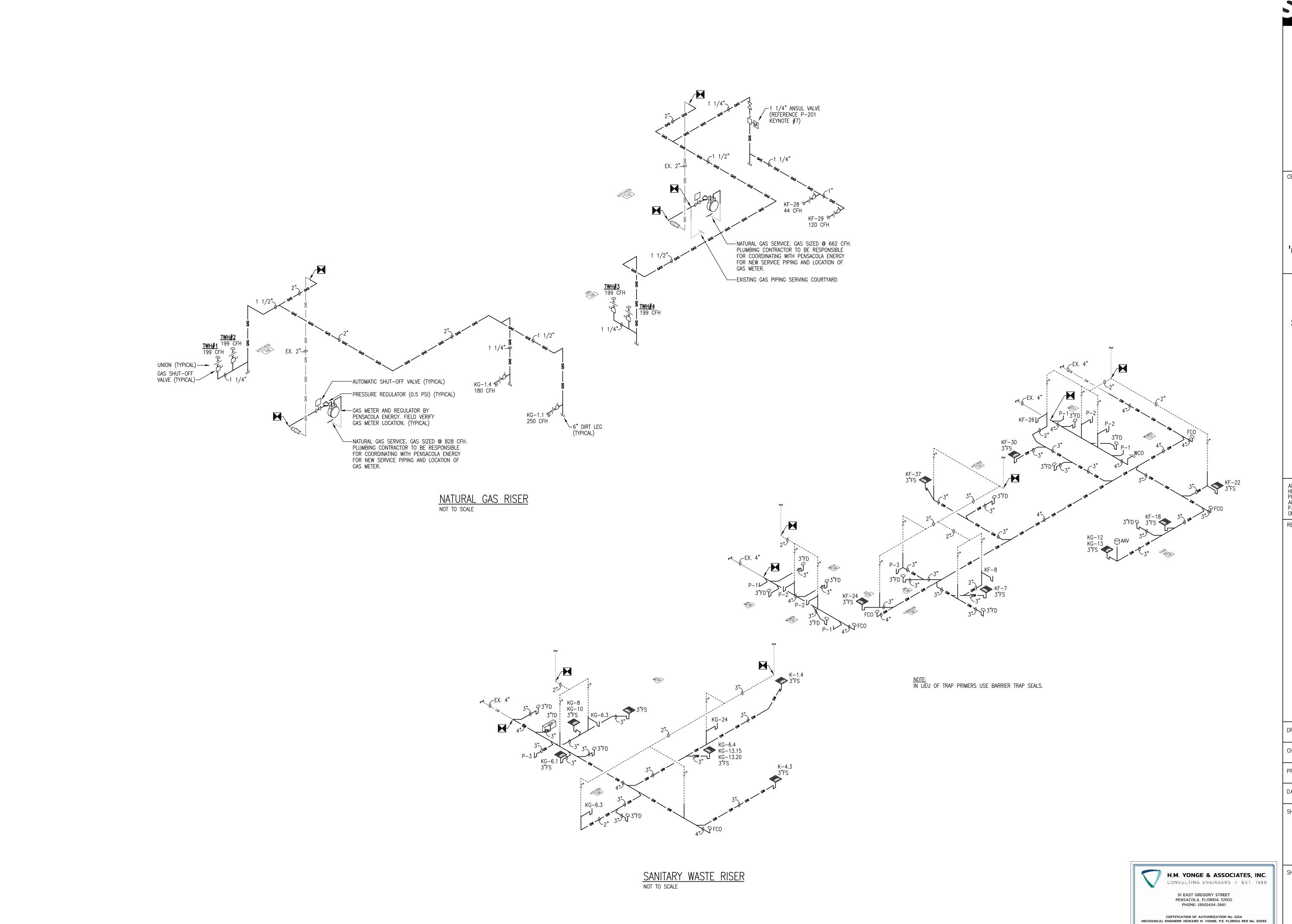
PROJECT NO. 2412

SHEET TITLE :

DOMESTIC WATER PLAN

SHEET NO.:

P-201





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REVISIONS :

DRAWN BY: L. SUMLIN

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

WASTE AND NATURAL GAS RISERS

SHEET NO. :

P-301

	KITCHEN EQUIPMENT SCHEDULE — GREAT HARVEST 2345										
MARK	FIXTURE	CW	FILTERED CW	HW	HW TEMP	WASTE		GAS CFH	GAS CONNECTION		
KG-1.1	OVEN	1/4"						250	3/4"		
KG-1.4	ROTATING RACK OVEN	1/2"				3"FS	GW	180	1"		
KG-4.3	REFRIGERATOR					3" FS	GW				
KG-6.1	PREP TABLE SINK	1/2"		1/2"	140°	3" FS	GW				
KG-6.3	HAND SINK	1/2"		1/2"	110°	1 1/2" DIRECT	GW				
KG-6.4	PREP TABLE SINK	1/2"		1/2"	140°	3" FS	GW				
KG-8	THREE COMPARTMENT SINK	1/2"		1/2"	140°	3" FS	GW				
KG-10	UNDERCOUNTER DISHWASHER 1			1/2"	140°	3" FS	GW				
KG-13.15	ESPRESSO MACHINE	1/2"				3" FS	GW				
KG-13.20	ICE MAKER WITH BIN		1/2"			3" FS	GW				
KG-13.21	FILTER SYSTEM	1/2"	1/2"								
KG-18	TEA BREWER	1/2"									
KG-23	HOSE REEL	1/2"		1/2"	110°						
KG-24	HAND SINK	1/2"		1/2"	110°	1 1/2" DIRECT	GW				

ABOUT KITCHEN EQUIPMENT.

- 1) DISHWASHER SHALL HAVE BOOSTER HEATER TO BRING WATER TEMPERATURE UP TO MANUFACTURER'S REQUIREMENTS. (2) KITCHEN EQUIPMENT IS PROVIDED BY KITCHEN CONTRACTOR. SEE ARCHITECTURAL SPECIFICATIONS FOR INFORMATION
- 3 PLUMBING CONTRACTOR SHALL COORDINATE ALL PLUMBING FIXTURES AND ROUGHIN REQUIREMENTS WITH EQUIPMENT
- 4 FLOOR SINK LOCATIONS SHALL BE CLOSELY COORDINATED WITH SPILL PATTERN REQUIREMENTS OF SPECIFIC EQUIPMENT. FLOOR SINKS SHALL BE POSITIONED SO AS TO ACCEPT POURED WASTE FROM SAID EQUIPMENT.
- (5) KITCHEN HAND SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER AND INSTALLED BY PLUMBING CONTRACTOR.

	KITCHEN EQU	IIPMEN	NT SC	HEDU	LE -	- FOOD I	HALL	230	45
MARK	FIXTURE	CW	FILTERED CW	HW	HW TEMP	WASTE	WASTE GAS		
KF-7	PREP SINK	1/2"		1/2"	140°	3" FS	GW		
KF-8	HAND SINK	1/2"		1/2"	110°	1 1/2" DIRECT	GW		
KF-12	UNDERCOUNTER DISHWASHER 1			1/2"	140°	3" FS	GW		
KF-13	BLENDER STATION WITH SINK	1/2"		1/2"	110°	3" FS	GW		
KF-18	HAND SINK	1/2"		1/2"	110°		GW		
KF-22	REFRIGERATED DISPLAY CASE					3" FS	GW		
KF-24	ICE MAKER WITH BIN		1/2"			3" FS	GW		
KF-24.1	FILTER SYSTEM	1/2"	1/2"						
KF-26	HAND SINK	1/2"		1/2"	110°	1 1/2" DIRECT	GW		
KF-28	OVEN							44	3/4"
KF-29	HOT PLATE							120	3/4"
K-30	PREP TABLE SINK	1/2"		1/2"	140°	3" FS	GW		
K-37	THREE COMPARTMENT SINK	1/2"		1/2"	140°	3" FS	GW		

SECURED COVER WITH "C.O." CAST IN TOP—

12" SQ. X 6"

TERMINATE W/ CLEANOUT PLUG AT END OF RUN-

NOT TO SCALE

CONC. PAD-

- 1) DISHWASHER SHALL HAVE BOOSTER HEATER TO BRING WATER TEMPERATURE UP TO MANUFACTURER'S REQUIREMENTS. 2 KITCHEN EQUIPMENT IS PROVIDED BY KITCHEN CONTRACTOR. SEE ARCHITECTURAL SPECIFICATIONS FOR INFORMATION
- ABOUT KITCHEN EQUIPMENT. 3 PLUMBING CONTRACTOR SHALL COORDINATE ALL PLUMBING FIXTURES AND ROUGHIN REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- 4 FLOOR SINK LOCATIONS SHALL BE CLOSELY COORDINATED WITH SPILL PATTERN REQUIREMENTS OF SPECIFIC EQUIPMENT. FLOOR SINKS SHALL BE POSITIONED SO AS TO ACCEPT POURED WASTE FROM SAID EQUIPMENT.
- (5) KITCHEN HAND SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER AND INSTALLED BY PLUMBING CONTRACTOR.

FINISHED GRADE

COMBINATION 'Y' & 1/8 BEND LONG TURN

4" EXHAUST VENT PIPE-

REMOTE TEMPERATURE

CONTROL MODULE 7

←CLEANOUT PLUG

		Р	LUM	BING	FIXTURE CONNECTION SCHEDULE
MARK	FIXTURE	CON	INECTION	S	DESCRIPTION
WAINN	TIXTOIL	WASTE	CW	HW	DESCRIPTION
P-1	WATER CLOSET	4"	1"		15" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER, FLUSH VALVE, AND FLEXIBLE SUPPLY WITH STOP.
P-1A	WATER CLOSET (HANDICAPPED)	4"	1"		17" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER, FLUSH VALVE, AND FLEXIBLE SUPPLY WITH STOP. INSTALL PER ADA REQUIREMENTS.
P-2	URINAL	2"	3/4"		WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER.
P-2A	URINAL (HANDICAPPED)	2"	3/4"		WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. INSTALL PER ADA REQUIREMENTS.
P-3	LAVATORY	1 1/2"	1/2"	1/2"	20" OVAL, SELF RIMMING COUNTER MOUNTED VITREOUS CHINA. PROVIDE WITH SINGLE LEVER FAUCET, GRID WASTE, 17 GA. P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.
P-3A	LAVATORY (HANDICAPPED)	1 1/2"	1/2"	1/2"	WALL HUNG TYPE. PROVIDE WITH SINGLE LEVER FAUCET, GRID WASTE, 17 GA P-TRAP, FLEXIBLE SUPPLIES WITH STOPS, TRAP INSULATION KIT, AND FLOOR MOUNTED CONCEALED ARM CARRIER. INSTALL PER ADA REQUIREMENTS.
P-4	WATER COOLER (HANDICAPPED)	1 1/2"	1/2"		DUAL HEIGHT WITH BOTTLE FILLING STATION, BARRIER FREE, WALL MOUNTED TYPE WITH ROUGH BRASS STOPS, 17 GA. P-TRAP, AND WALL HANGER. INSTALL PER ADA REQUIREMENTS.
P-5	MOP SINK	3"	1/2"	1/2"	24"x24" TERRAZZO CORNER TYPE SERVICE BASIN WITH WALL MOUNTED SERVICE SINK FAUCET, VACUUM BREAKER, WALL BRACE, 3" STAINLESS STEEL DRAIN, AND STAINLESS STEEL RIM GUARD.
P-6	CAFE SINK	1 1/2"	1/2"	1/2"	21"x19"x7-1/2" DEEP, SINGLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE WITH GOOSENECK FAUCET, WRIST BLADES, GRID STRAINER, 1 1/2" P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.
P-7	KITCHEN SINK	1 1/2"	1/2"	1/2"	COUNTER MOUNTED, 31"x21"x10-1/2" DEEP, ONE COMPARTMENT STAINLESS STEEL SINK. PROVIDE WITH DECK MOUNTED FAUCET, SPRAY ASSEMBLY, BASKET STRAINER, 17 GA. P-TRAP, FLEXIBLE SUPPLIES WITH STOPS, AND GARBAGE DISPOSAL.
P-8	WASHING MACHINE BOX	2"	1/2"	1/2"	GALVANIZED STEEL, WALL RECESSED BOX WITH 1/2" HOT AND COLD WATER VALVES AND 2" CENTER DRAIN.
P-9	ICE MAKER BOX		3/8"		RECESSED BOX WITH 1/4 TURN ANGLE STOP.

NOTE: FIXTURES SHALL BE WHITE AND FAUCETS SHALL BE POLISHED CHROME UNLESS OTHERWISE INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL HANDICAPPED FIXTURES SHALL BE ADA COMPLIANT AND INSTALLED PER ADA REQUIREMENTS. REFERENCE ARCHITECTURAL PLANS FOR INSTALLATION HEIGHTS. ALL DOMESTIC WATER PIPING ABOVE THE SLAB SHALL BE INSULATED INCLUDING PIPING INSIDE WALLS. PIPING SHALL NOT BE INSTALLED IN A MANNER IN WHICH CONTACT WITH MASONRY PRODUCTS IS ALLOWED.

	TANKLESS WATER HEATER SCHEDULE											
MARK TWH#	MINIMUM GAS INPUT BTU/HR	MAXIMUM GAS INPUT BTU/HR	GPM @ 35° RISE	5° RISF			REMARKS					
	БТОУТІК	БТО/ТПК		VOLTS	Hz	PHASE						
1	15,200	199,000	0.4 - 9.8	120	60	1	EQUAL TO RINNAI RX199IN WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE.					
2	15,200	199,000	0.4 - 9.8	120	60	1	EQUAL TO RINNAI RX199IN WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE.					
3	15,200	199,000	0.4 - 9.8	120	60	1	EQUAL TO RINNAI RX199IN WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE.					
4	15,200	199,000	0.4 - 9.8	120	60	1	EQUAL TO RINNAI RX199IN WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE.					

-4" INTAKE VENT PIPE

\_VACUUM RELIEF VALVE

AAV	AIR ADMITTANCE VALVE
AFF	ABOVE FINISHED FLOOR
CFH	CUBIC FEET PER HOUR
CW	COLD WATER
EX	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
HW	HOT WATER
TD	TRENCH DRAIN
TWH	TANKLESS WATER HEATER
VTR	VENT THRU ROOF
WCO	WALL CLEANOUT
	COLD WATER PIPING
— F —— F —	FILTERED WATER PIPING
——— GAS ———	GAS PIPING
GW GW	GREASE PIPING
140 140	140° HOT WATER PIPING
	WASTE PIPING
	VENT PIPING
	CONNECT NEW TO EXISTING
<u> </u>	CHECK VALVE

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REVISIONS :

SMP Architecture, P.A. 205 E INTENDENCIA STREET PENSACOLA, FLORIDA 32502 P 850.432.7772 www.smp-arch.com • AAC001828

CERTIFICATION:

SAVOY

PLACE

321 N. DEVILLERS ST. Pensacola, Florida 32501

DRAWN BY: L. SUMLIN

CHECKED BY: H.M. YONGE

PROJECT NO. 2412 DATE: 05/07/25

SHEET TITLE :

**PLUMBING** LEGEND, DETAILS AND SCHEDULES

SHEET NO. :

P-401

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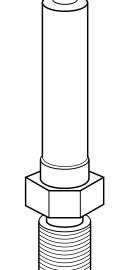
PLUMBING LEGEND

H.M. YONGE & ASSOCIATES, INC. CONSULTING ENGINEERS // EST. 1988 51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661 CERTIFICATION OF AUTHORIZATION No: 5254 MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

GATE VALVE

VENT THRU ROOF

P-TRAP



NOTE: WATER HAMMER ARRESTORS TO BE LOCATED ABOVE ELEVATION OF CEILING AND BE ACCESSIBLE THROUGH CEILING TILE. IN AREAS WITHOUT CEILING ACCESS, PROVIDE 12"x12" ACCESS PANELS. ACCESS PANEL LOCATIONS TO BE COORDINATED WITH ARCHITECT AND APPROVED BY OWNER PRIOR TO INSTALLATION.

PRELOAD

PSI

60

60

FIXTURE UNITS

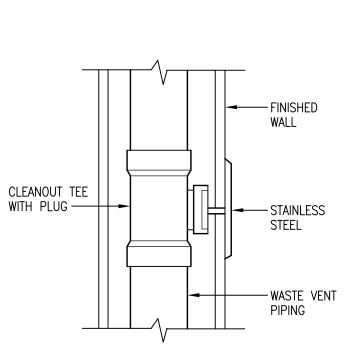
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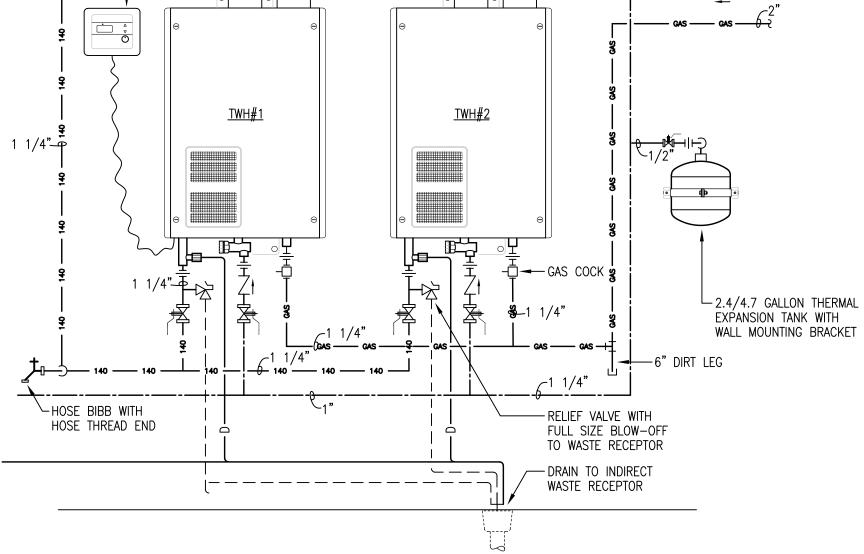
SYMBOL

WATER HAMMER DETAIL NOT TO SCALE

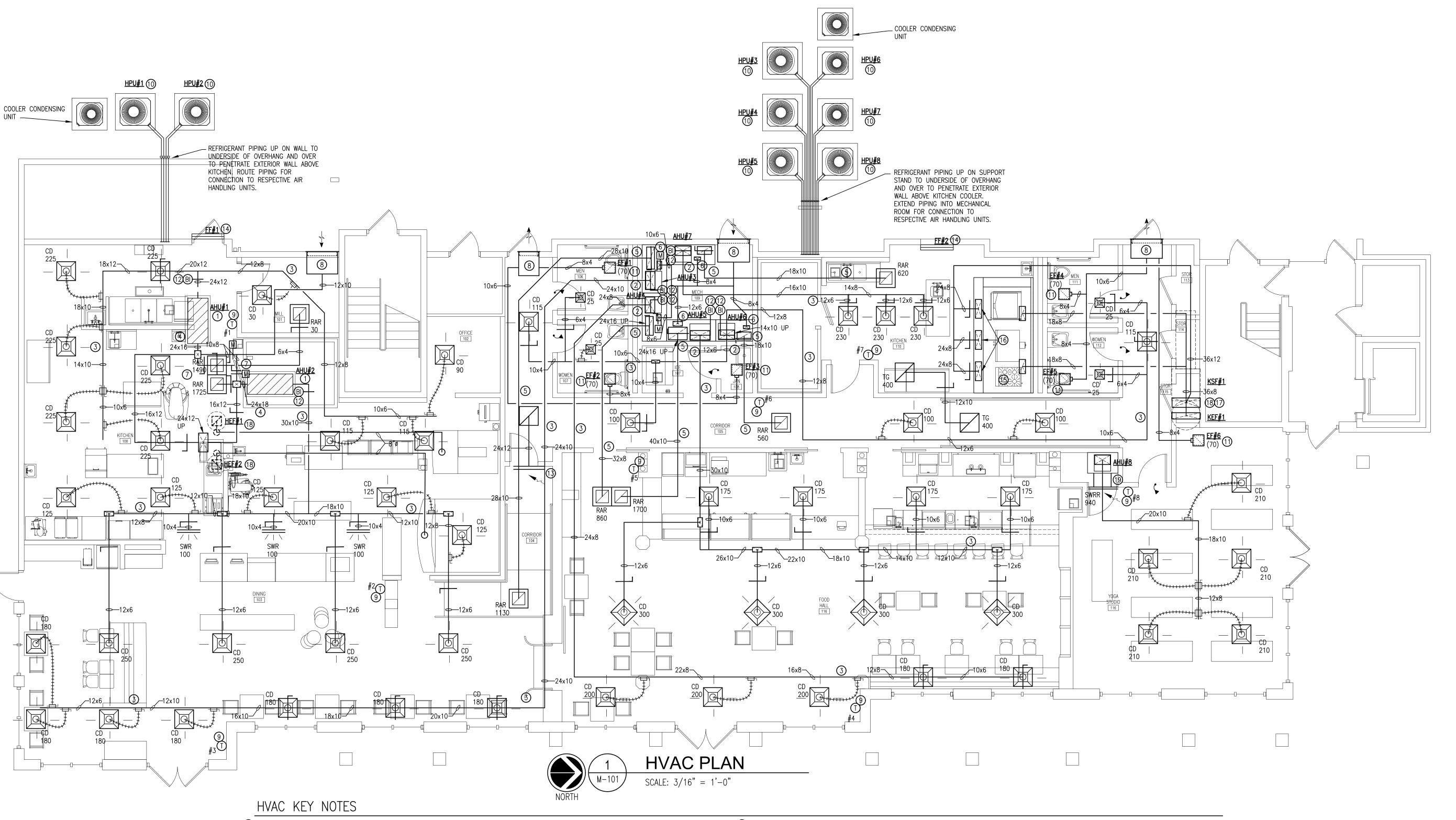


EXTERIOR CLEANOUT DETAIL

WALL CLEANOUT DETAIL NOT TO SCALE



GAS FIRED TANKLESS WATER HEATER DETAIL



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| ''''

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REVISIONS :

DRAWN BY: A. HASKEW

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

HVAC PLAN

SHEET NO. :

N/ 10

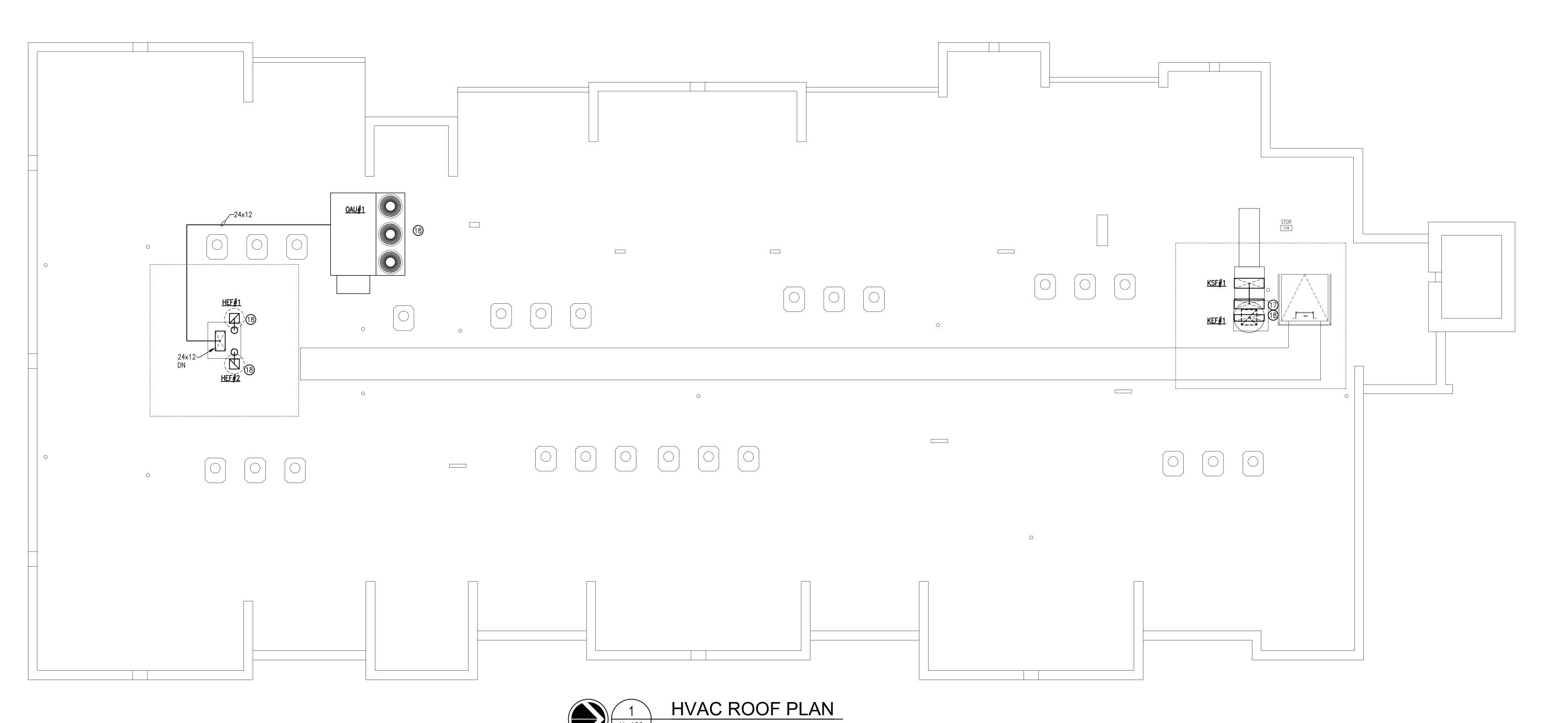
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H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661

**CERTIFICATION OF AUTHORIZATION No: 5254** 

MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093



HVAC KEY NOTES

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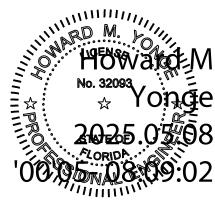
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REVISIONS:

DRAWN BY: A. HASKEW

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

HVAC ROOF PLAN

H.M. YONGE & ASSOCIATES, INC.
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CERTIFICATION OF AUTHORIZATION No: 5254

MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

SHEET NO. :

M-102

	FAN SCHEDULE													
MARK	TOTAL	TSP	MAX	TYPE	TYPE	INTERLOCK	MOTOR	MAX	ELEC	CTRICAL	DATA	REMARKS		
	CFM	IN WC	RPM	DRIVE	FAN	WITH	HP/WATTS	SONES	VOLTS	Hz	PHASE	NEWARKS		
EF#1	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
EF#2	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
EF#3	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
EF#4	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
EF#5	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
EF#6	70	0.25	703	DIRECT	CEILING MOUNTED	LIGHT SWITCH	80 W	0.4	120	60	1	12345		
FF#1	1360	N/A	N/A	DIRECT	AIR CURTAIN	DOOR SWITCH	1/5 HP	2.0	120	60	1	67		
FF#2	1360	N/A	N/A	DIRECT	AIR CURTAIN	DOOR SWITCH	1/5 HP	2.0	120	60	1	67		

VAPOR PROOF LIGHTS

— GALV. STEEL ROD OR

STRAP SUPPORTS PER SMACNA STANDARDS

-SHEET METAL SUPPLY DUCT

-SPIN-IN TAP FITTING WITH AIR SCOOP & DAMPER TAPED AND

MASTIC TO MAIN SUPPLY DUCT

—1-1/2" X 1-1/2" X 1/8" GALV.

ANGLE OR STRÁP PER ŚMACNA

MASTIC AT EACH CONNECTION

- LOUVERED FACE CEILING DIFFUSER

WITH 2' X 2' LAY-IN ALUM. PANEL

-NYLON DRAWBAND AND

MAKE-UP AIR SUPPLY DUCT

FROM SUPPLY AIR SYSTEM-

MANUAL VOLUME DAMPER-

PERFORATED SUPPLY PLENUM -STAINLESS STEEL KITCHEN HOOD CONSTRUCTED IN ACCORDANCE

ON KITCHEN HOOD EXHAUST DUCTS.

KITCHEN CEILING \

WITH N.F.P.A. 96 ——

6'-6" ABOVE

FINISHED FLOOR —

LOCKING QUADRANT

TO BE EXPOSED —

VAPOR BARRIER-

TIE TO

STRUCTURAL SUPPORTS —

2" WIDE METAL

BAND SUPPORT -

SQUARE TO ROUND

SUSPENDED TYPE

CEILING SYSTEM 7

SQUARE TO ROUND

WRAP INSULATE ALL

EXPOSED METAL-

GYPSUM BOARD

TAPE AND MASTIC

INSULATION TO

GYPSUM BOARD-

CEILING —

ADAPTER ----

ADAPTER —

FLEXIBLE DUCT WITH 1

THICK INSULATION AND

MAX. RUN TO BE 8'-0"-

1) PROVIDE WITH FAN SPEED CONTROLLER 2) PROVIDE WITH ALUMINUM GRILLE.

3) PROVIDE WITH ROUND TO RECTANGULAR TRANSISTION. 4) PROVIDE WITH INTEGRAL DISCONNECT.

COORDINATE HOOD TYPE AND SIZE WITH OWNER AND KITCHEN EQUIPMENT PROVIDER

TYPICAL KITCHEN HOOD DETAIL

TYPICAL CEILING DIFFUSER DETAIL

PRIOR TO ORDERING. REFERENCE MECHANICAL SPECIFICATIONS. PROVIDE CLEAN OUTS

(5) PROVIDE WITH THERMAL OVERLOAD. (6) 48" (MIN) AIR CURTAIN FAN. (7) BASIS OF DESIGN - BERNER: SLCO7.

										SF	PLIT	SYST	EM	HEAT	PUM	IP UN	IT S	CHE	DULE										
MARK	NOMINAL		,	AHU DAT.	A			AHU I	ELECTRICAL	DATA					CAPACITY ©				APACITY @ CONDITIONS	0.0.0	offpo	COMPR.	OUTDOOR		HPU E	ELECTRICA	L DATA		DEMARKS
AHU	TONNAGE	TOTAL CFM	OA CFM	ESP	MOTOR HP	HEAT KW	VOLTS	Hz	PHASE	MCA	MOCP	EDB °F	EWB °F	AMBIENT °F	TOTAL BTU/HR	SENSIBLE BTU/HR	EDB °F	AMBIENT °F	TOTAL BTU/HR	C.O.P	SEER2	RLA.	FAN FLA.	VOLTS	Hz	PHASE	MCA	МОСР	REMARKS
AHU#1	5 TONS	1700	180	0.5"	1	7.20	208	60	1	53	60	80	67	95	60,000	42,000	70	47	57,000	4.1	15.0	1 @ 23.7	2.80	208	60	1	32	50	123
AHU#2	5 TONS	1925	200	0.5"	1	7.20	208	60	1	53	60	80	67	95	60,000	42,000	70	47	57,000	4.1	15.0	1 @ 23.7	2.80	208	60	1	32	50	123
AHU#3	3.5 TONS	1260	130	0.5"	1/2	7.20	208	60	1	48	50	80	67	95	42,000	29,400	70	47	39,900	4.1	15.0	1 @ 16.7	2.80	208	60	1	24	40	123
AHU#4	3 TONS	960	100	0.5"	1/2	7.20	208	60	1	48	50	80	67	95	36,000	42,000	70	47	34,200	4.1	15.0	1 @ 14.1	0.64	208	60	1	18	30	123
AHU#5	5 TONS	1900	200	0.5"	1	7.20	208	60	1	53	60	80	67	95	60,000	42,000	70	47	57,000	4.1	15.0	1 @ 23.7	2.80	208	60	1	32	50	123
AHU#6	2 TONS	630	70	0.5"	1/3	7.20	208	60	1	47	50	80	67	95	24,000	16,800	70	47	22,800	4.1	15.0	1 @ 11.5	0.77	208	60	1	15	25	123
AHU#7	2 TONS	690	70	0.5"	1/3	7.20	208	60	1	47	50	80	67	95	24,000	16,800	70	47	22,800	4.1	15.0	1 @ 11.5	0.77	208	60	1	15	25	123
AHU#8	3 TONS	1050	110	0.5"	1/2	7.20	208	60	1	48	50	80	67	95	36,000	42,000	70	47	34,200	4.1	15.0	1 @ 14.1	0.64	208	60	1	18	30	123

KITCHEN FAN SCHEDULE

1) THE HEAT PUMP SHALL OPERATE AS STAGE 1 HEATING. THE ELECTRIC STRIP HEAT SHALL OPERATE AS STAGE 2 HEATING AND DEFROST CYCLE. DURING STAGE 2 HEATING, THE COMPRESSOR AND THE ELECTRIC STRIP HEAT SHALL OPERATE SIMULTANEOUSLY. (2) PROVIDE SINGLE POINT CONNECTION FOR AIR HANDLING UNIT BLOWER AND STRIP HEAT.

(3) BASIS OF DESIGN - TRANE GAM5B SPLIT SYSTEM AIR HANDLER 2-5 TON (208V, 60hz, 10) & 4TWL5 HEAT PUMP 2-5 TON (208V, 60hz, 10).

12345

12345

KEF/KSF#1 WHEN

— OUTDOOR AIR DUCT

-PROVIDE TURNING VANES IN ALL 90° SUPPLY DUCT ELBOWS.

- RETURN AIR DUCT. REFER TO

PLANS FOR ROUTING AND SIZE.

- ELECTRIC HEATING COIL. FIELD

OR FACTORY INSTALLED AS

REQUIRED. MOTORIZED DAMPER

MANUAL VOLUME DAMPER

- COIL SECTION

- MANUAL VOLUME DAMPER

- PLENUM SECTION CONSTRUCTED OF

NON-COMBUSTIBLE MATERIALS AND

SIZED TO SUIT PLAN REQUIREMENTS.

FOR CONNECTION OF OUTDOOR AIR

-CONDENSATE DRAIN WITH P-TRAP

ROUTE TO FLOOR DRAIN.

DUCT AND RETURN AIR DUCT.

WIDTH OF PLENUM SHALL BE ADJUSTED

						PA	ACKAG	ED	RO	OFT(	)P	100%	OUTSID	E AIR	UNIT	SCHEE	)ULE	_
		MADIZ		AHU	DATA				AF			PACITY @ CONDITIONS		CALCULATED	BASIS OF		UNIT	
	REMARKS	MARK	TOTAL CFM	OA CFM	ESP	MOTOR	AMBIENT	EDB *F	EWB °F	LDB *F	LWB *F	TOTAL BTU/HR	SENSIBLE BTU/HR	ÉFFICIENCY	DESIGN	VOLTS	Hz	_
SE		OAU#1	1800	1800	0.5	1.0 HP	95.0	93.5	80.1	48.8	48.2	186,000	81,400	8.1	TRANE VALENT	208	60	
	1234	NOTES:  1 PROVI	DE UNIT	WITH IN	VERTE	ER SCRO	LL COMPRI	ESSOR	WITH IN	TEGRAT	ED OIL	SENSOR. D	IGITAL OR STAC	GED SCROLL	IS NOT AC	CEPTABLE.		
	1234	2 BASIS																

DUCT PROTECTION -

DETECTORS

PLENUM PROTECTION-

CONTROL PANEL

TYPICAL ANSUL R-102 SYSTEM LAYOUT FOR TYPE I HOOD

REMOTE MANUAL PULL STATION

(REFER TO PLANS FOR

REMOVABLE STAINLESS STEEL

LOCATION)

SERVICE DOOR

AGENT TANK -

OEM RELEASE/ BRACKET

**ASSEMBLY** 

AIR DEVICE SCHEDULE AIR DEVICE REMARKS MARK MAX. NC CONNECTION 6"x6" CD 0-75 0-75 25 76-150 9"x6" 7**"**ø CD 76-150 151-200 | 151-200 9"x9" 8"ø CD 201-300 | 201-300 9"x9" 9"ø CD 25 CD 301-400 | 301-400 10"ø 12"x12" CD 401-500 | 401-500 12"ø 15"x12" 12**"**ø CD 501-625 | 501-625 25 ------0 - 150SEE PLANS RAR/TG/SWTG 0-150 RAR/TG/SWTG 151-450 | 151-450 12"x12" SEE PLANS 451-600 | 451-600 | 14"x14" | SEE PLANS | RAR/TG/SWTG

1. PROVIDE 24"x24" PANEL FOR ALL AIR DEVICES IN LAY-IN CEILING. 2. PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS. 3. AIR DEVICE SIZES SHOWN ON PLANS TAKE PRECEDENCE OVER THIS SCHEDULE.

MECHANICAL LEGEND

AHU	AIR HANDLING UNIT
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
EF	EXHAUST FAN
MVD	MANUAL VOLUME DAMPER
OA	OUTDOOR AIR
RA	RETURN AIR
RAR	RETURN AIR REGISTER
SA	SUPPLY AIR
TG	TRANSFER GRILLE
TYP	TYPICAL
	CEILING DIFFUSER WITH THROW INDICATION
	EXHAUST/RETURN AIR DEVICE
***************************************	FLEXIBLE DUCT
<del>ک</del>	DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)
W X H	FLEX DUCT TAKE-OFF WITH AIR-SCOOP, SPIN-IN TAP AND BALANCING DAMPER
J.	ELBOW WITH TURNING VANES
	DUCT CONNECTION OVER AIR DEVICE
	RETURN AIR DUCT IN SECTION
	SUPPLY AIR DUCT IN SECTION
M	MOTORIZED DAMPER
①#	THERMOSTAT WITH EQUIPMENT # SERVED MOUNT 54" A.F.F. TO CENTER
<b>*</b>	5/8" DOOR UNDERCUT
L	MANUAL VOLUME DAMPER
	CD CFM EF MVD OA RA RAR SA TG TYP

- INSULATED FAN HOUSING

-1/4" DIAMETER THREADED

HANGER RODS, TOTAL OF

←NUT AND WASHER

VIBRATION ISOLATOR,

TOP AND BOTTOM

+NUT AND WASHER

ADJUSTABLE MOUNTING

H.M. YONGE & ASSOCIATES, INC.

CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET

PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661

CERTIFICATION OF AUTHORIZATION No: 5254 MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

FOUR, SUPPORT FROM

BUILDING STRUCTURE.

/-INSULATION

\IN\$ULATION/\

—ALL METAL CUBE—CORE OR PERFORATED FACE EXHAUST

GRILLE (NO PLASTIC GRILLE)

FINISH TO BE OFF-WHITE

STATE OF . SAVOY

CERTIFICATION :

SMP Architecture, P.A. 205 E INTENDENCIA STREET PENSACOLA, FLORIDA 32502 P 850.432.7772

www.smp-arch.com • AAC001828

**PLACE** 

321 N. DEVILLERS ST Pensacola, Florida 32501

ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE ORIGINAL AND UN-PUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLITATE ON CONT PART WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

REVISIONS

DRAWN BY: A. HASKEW

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

HVAC DETAILS

SHEET NO. :

©2025 SMP ARCHITECTURE

	MARK	TOTAL	TSP	MAX	TYPE	TYPE	INTERLOCK	MOTOR	MAX				REMARKS
		CFM	IN WC	RPM	DRIVE	FAN	WITH	HP/WATTS	SONES	VOLTS	Hz	PHASE	REMARNS
	HEF#1	690	0.6	1500	BELT	ROOF MOUNTED	HOOD SWITCH	0.5 HP	17.0	120	60	1	1234
 ——LIQUID TIGHT EXHAUST DUCT PER N.F.P.A. 96	HEF#1	1000	0.6	1500	BELT	ROOF MOUNTED	HOOD SWITCH	0.75 HP	17.0	120	60	1	1234
 — 3/8"ø STEEL RODS	KEF#1	2200	1.50	1190	BELT	ROOF MOUNTED	HOOD SWITCH	1.5 HP	17.0	208	60	3	1234
WITH TURNBUCKLES TO STRUCTURE	KSF#1	1760	0.5	1697	BELT	ROOF MOUNTED	HOOD SWITCH	1.0 HP	20.9	208	60	3	1234
HIGH EFFICIENCY 2 STAGE GREASE FILTERS  CONTINUOUS SUPPORT ANGLE  GREASE CUP	2 PR	OVIDE \	WITH RO	DUND	M GRILL TO RECT L DISCOI	ANGULAR	TRANSITION.	<u>(5)</u>	PROVIDE SENSOR. FEMPERA	SENSOR TURE LIM	HOOD W TO ACTI ITS ARE	/ITH INTE VATE KEF MET.	GRAL HEAT F/KSF#1 WHE
										MANUFAC	TURFR'S	$\neg$	

REFER TO PLANS FOR ROUTING

TRANSITION SUPPLY AIR

DUCT AS NECESSARY.-

FLEXIBLE CONNECTOR -

FAN SECTION WITH DIRECT OR

BELT DRIVE PER MANUFACTURER.—

AUXILIARY DRAIN OR PROVIDE FLOAT

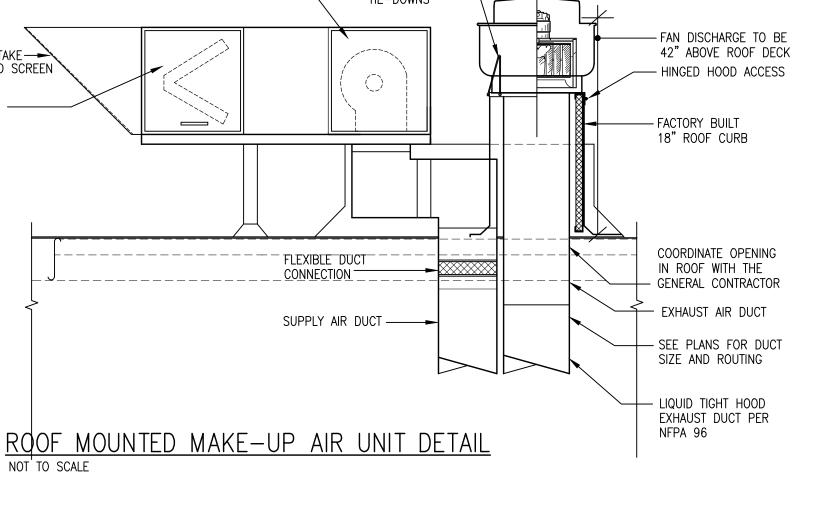
SWITCH IN PRIMARY DRAIN. INSTALL

PARALLEL TO CONDENSATE DRAIN.

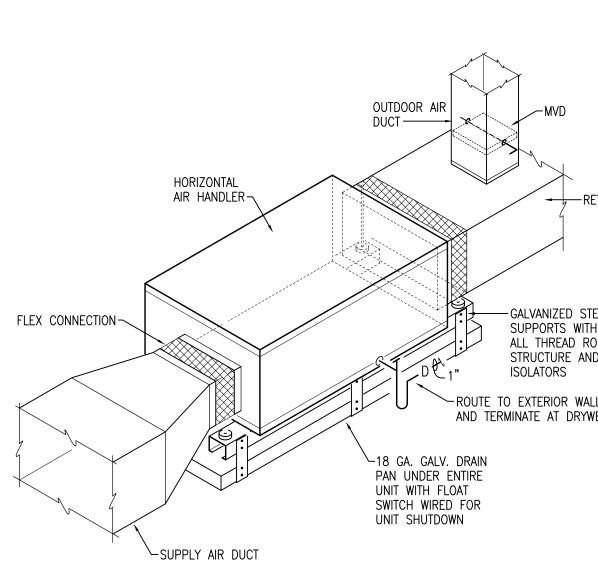
(NOTE: FLOW SWITCH IN PRIMARY DRAIN

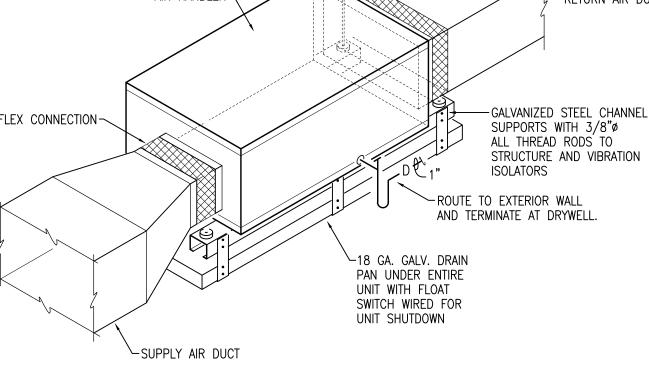
AND SIZE OF SUPPLY AIR DUCT.

- SPUN ALUMINUM UPBLAST EXHAUST FAN MANUFACTURER S -BLOWER SECTION -TIE-DOWNS - FAN DISCHARGE TO BE 42" ABOVE ROOF DECK OUTSIDE AIR INTAKE HOOD WITH BIRD SCREEN - HINGED HOOD ACCESS - FACTORY BUILT 18" ROOF CURB ----- FLEXIBLE DUCT COORDINATE OPENING IN ROOF WITH THE \_ CONNECTION \_\_\_ - GENERAL CONTRACTOR - EXHAUST AIR DUCT SUPPLY AIR DUCT —— - SEE PLANS FOR DUCT SIZE AND ROUTING LIQUID TIGHT HOOD EXHAUST DUCT PER NFPA 96 ROOF MOUNTED MAKE-UP AIR UNIT DETAIL W/2" THICK WRAP INSULATION



ELECTRICAL DATA





TYPICAL HORIZONTAL AHU DETAIL

LINE SHALL BE LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF SUCH PAN) -TAPE AND MASTIC ALL INSULATION OVERLAPS FILTER SECTION WITH FRONT ACCESS-ACCESS DOOR TO PLENUM --NYLON DRAWBAND AND MASTIC AT EACH CONNECTION FLOOR — - LOUVERED FACE CEILING DIFFUSER PLENUM SECTION TO BE FULLY INSULATED LINE INTERIOR WITH 1" THICK DUCTBOARD. —

TYPICAL VERTICAL AHU DETAIL

RETURN AIR DUCT

NOTE: SUPPORT RODS TO ROOF STRUCTURE -DO NOT SUPPORT FAN WITH CEILING SYSTEM TYPICAL EXHAUST FAN DETAIL NOT TO SCALE

UNIT ELECTRICAL DATA

208 | 60 | 3 | 71.9 | 89.9 | 125 | 12

- APPLIANCE PROTECTION NOZZLE

RADIUS 90° ELBOWS

BACKDRAFT DAMPER -

@ ALL BENDS——

FLEXIBLE DUCT

CONNECTION—

\IN\$ULATION

NOTE: CENTER FAN HOUSING/

IN CEILING TILE—

SPEED CONTROLLER

FOR AIR BALANCING -

VOLTS | Hz | PHASE | FLA | MCA | MOCP |

					LATION - 2021					
ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#1	FOOD & BEVERAGE	KITCHEN	900 4	5	7.5	0.12	38	108	0.8	182 (3
ZONE HEIGHT (FT)	10			AIR CHANGES/	HOUR	11.3				
DESIRED OA (Vo) IAQ	180			OA PER VRP		182 CFM	VRP 0	A CFM/F	PERSON	36.4
MAX/MIN SA (Vs)	1700			OA PER IAQ		180 CFM	IAQ OA	CFM/P	ERSON	36.0
RETURN AIR (Vr)	1520			OA SAVINGS		2 CFM				
RECIRC. FLOW FACTOR(R)	0.89			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	STANDING (DESK WORK)			COIL LVG. DRY	' BULB	55 <b>°</b> F				
FILTER LOCATION	В			COIL LVG. WET	BULB	54 °F				
HVAC FLOW TYPE	CONSTANT									
DA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	R) Vr		NOTES:	,
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES		,⊥ Ef	]_	ASHRAE 62.1-201 (APPENDIX D) VEN SYSTEM SCHEMATION	ITILATION
ACETONE	PEOPLE	250	0.00167	0.00013	YES		L		MASS BALANCE EC	UATIONS
AMMONIA	PEOPLE	25	0.01523	0.00373	YES		<b>—</b> V	RVr	PROCEDURE.	Vr
BENZENE	PEOPLE	1	0.00252	0.00004	YES	Vo, C	Co	r		<b>1</b>
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES			E	f B	
CARBON DIOXIDE	PEOPLE	5000	730	735	YES					
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES				Fr (Vr + Vo)	
DIOXANE	PEOPLE	100	0	0	YES			1	OCCUPIED ZONE	
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES				e, N, Cs	
METHANE	PEOPLE	N/A	1.68094	1.68094	YES				3,, 33	
METHANOL	PEOPLE	200	0	0	YES					
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES	NOTES NOTES	_	טווטב וג	ACCODDANICE	WITH THE
PROPANE	PEOPLE	1000	0.00998	0.00998	YES	U EN	IGINEERE	D EXCER	I ACCORDANCE PTION FOUND IN	N IMC, SECTI
TETRACHLOROETHANE	PEOPLE	5	0	0	YES				ORDANCE WITH 6.3 BY UTILIZIN	
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES		NIZATION			O DII ODAN
TOLUENE	PEOPLE	100	0.00533	0.00007	YES				) IN PARTS PE	R MILLION (PF
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES	UN	NLESS O	IHERWISE	E NOTED.	
XYLENE	PEOPLE	100	0.00230	0.00003	YES				IRED PER VENT	ILATION RATE
	1		IS IAQ ACCEPT AT REDUCED ( LEVELS?		YES	<b>(</b> 4) OL	ROCEDUR JTSIDE A REA.	, ,	CALCULATION FO	R TOTAL SEA

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

		OU	TSIDE AI	R VENTI	ILATION	RATES				
		IA	Q PROC	EDURE	- 2021	IMC				
ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#3	FOOD & BEVERAGE	DINING	450 4	16	7.5	0.18	120	81	0.8	251 3
ZONE HEIGHT (FT)	12			AIR CHANGES/	'HOUR	14.0				
DESIRED OA (Vo) IAQ	130			OA PER VRP		251 CFM	VRP 0	A CFM/F	PERSON	15.7
MAX/MIN SA (Vs)	1260			OA PER IAQ		130 CFM		CFM/P		8.1
RETURN AIR (Vr)	1130			OA SAVINGS		121 CFM		<u> </u>		
RECIRC. FLOW FACTOR(R)	0.90			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	STANDING (DESK WORK)			COIL LVG. DRY	/ BULB	55 °F				
FILTER LOCATION	B			COIL LVG. WET		54 °F				
HVAC FLOW TYPE	CONSTANT									
OA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	- R) Vr		NOTES:	
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES		[]	],	ASHRAE 62.1-2013 (APPENDIX D) VENT	TILATION
ACETONE	PEOPLE	250	0.00167	0.00013	YES		į Ef	j ^	SYSTEM SCHÉMATIC MASS BALANCE EQ	UATIONS
AMMONIA	PEOPLE	25	0.01523	0.00373	YES		<b>—</b> V	RVr	FOR USE WITH THE PROCEDURE.	Vr Vr
BENZENE	PEOPLE	1	0.00252	0.00004	YES	Vo,	Co			<b>†</b>
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES			E	Ef B	
CARBON DIOXIDE	PEOPLE	5000	1164	1879	YES			L	TJ	
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES				Fr (Vr + Vo)	
DIOXANE	PEOPLE	100	0	0	YES			1	OCCUPIED	
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES				<u>ZONE</u> e, N, Cs	
METHANE	PEOPLE	N/A	1.68094	1.68094	YES				0, 11, 00	
METHANOL	PEOPLE	200	0	0	YES					
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES	NOTES		טווטב ויי.	J ACCODDANCE	WITH THE
PROPANE	PEOPLE	1000	0.00998	0.00998	YES	l El	NGINEERE	D EXCE	N ACCORDANCE PTION FOUND IN	I IMC, SECT
TETRACHLOROETHANE	PEOPLE	5	0	0	YES				CORDANCE WITH 6.3 BY UTILIZING	
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES		NIZATION			
TOLUENE	PEOPLE	100	0.00533	0.00007	YES				D IN PARTS PER	R MILLION (P
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES	l J	NLESS 0	HERWISI	E NOTED.	
XYLENE	PEOPLE	100	0.00230	0.00003	YES				JIRED PER VENTI	ILATION RATE
	•	1	IS IAQ ACCEPT. AT REDUCED (		YES		ROCEDUR UTSIDE A	` ,	CALCULATION FO	R TOTAL SFA

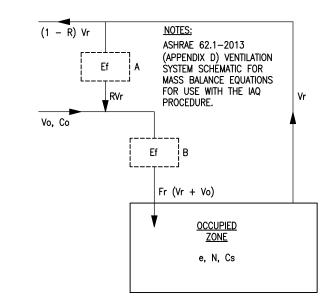
NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

### OUTSIDE AIR VENTILATION RATES IAQ PROCEDURE - 2021 IMC TABLE 6.2 ZONE OA ZONE FLOOR ZONE MAX TABLE 6.1 TABLE 6.1 ZONE FLOOR OCCUPANCY OA/person cfm/ft2 Pz\*Rp Az\*Ra VENTILATION ABEA (SE) Az | FACILITY TYPE | ZONE USE ZONE TAG (CFM) AREA (SF) Az EFF. (Ez) 131 (3 KITCHEN 560 **(4)** 5.0 7.5 0.12 | 38 | 67 | 0.8 F00D & AHU#2 BEVERAGE DINING 10.0 7.5 650 (4) 0.18 | 75 | 117 | 0.8 240 **(**3) AIR CHANGES/HOUR 7.6 371 CFM VRP OA CFM/PERSON 200 OA PER VRP 24.7 1925 13.3 OA PER IAQ 200 CFM | IAQ OA CFM/PERSON

ZONE HEIGHT (FT) DESIRED OA (Vo) IAQ MAX/MIN SA (Vs) RETURN AIR (Vr) 1725 171 CFM OA SAVINGS RECIRC. FLOW FACTOR(R) 0.90 OA DRY BULB 95 °F VENT. EFF. (Ez) 8.0 80 °F OA WET BULB 55 °F PHYSICAL ACTIVITY COIL LVG. DRY BULB 54 °F FILTER LOCATION В COIL LVG. WET BULB HVAC FLOW TYPE CONSTANT

OA FLOW TYPE	CONSTANT				
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	900	1002	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPT. AT REDUCED ( LEVELS?		YES



- 1) IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- 4 OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING

4) OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

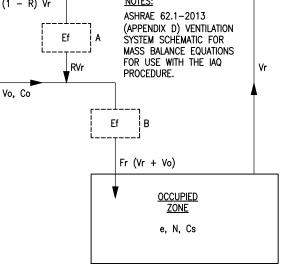
		OU <sup>*</sup>	TSIDE AI	R VENTI	ILATION	RATES				
		IA	Q PROC	EDURE	- 2021	IMC				
ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#4	FOOD & BEVERAGE	DINING	415 4	16	7.5	0.18	120	75	0.8	243 ③
ZONE HEIGHT (FT)	12			AIR CHANGES/	HOUR	11.6				
DESIRED OA (Vo) IAQ	100			OA PER VRP		243 CFM	VRP 0	A CFM/F	PERSON	15.2
MAX/MIN SA (Vs)	960			OA PER IAQ		100 CFM	IAQ OA	CFM/PI	ERSON	6.3
RETURN AIR (Vr)	860			OA SAVINGS		143 CFM		· ·		
RECIRC. FLOW FACTOR(R)	0.9			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	STANDING (DESK WORK)			COIL LVG. DRY	' BULB	55 °F				
FILTER LOCATION	В			COIL LVG. WET	BULB	54 °F				
HVAC FLOW TYPE	CONSTANT									
OA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	R) Vr		NOTES:	_
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES		[ <u>l</u> .	<sub>]</sub>	ASHRAE 62.1–201 (APPENDIX D) VEN	TILATION
ACETONE	PEOPLE	250	0.00167	0.00013	YES		į	j^	SYSTEM SCHEMATIC	
ANANAONIIA									MASS BALANCE EQ	UATIONS
AMMUNIA	PEOPLE	25	0.01523	0.00373	YES		<b>-</b> 1	RVr	MASS BALANCE EQ FOR USE WITH THE PROCEDURE.	UATIONS
	PEOPLE PEOPLE	25 1	0.01523 0.00252	0.00373 0.00004	YES YES		<b>-</b> 1	RVr 	FOR USE WITH THE	UATIONS
BENZENE						Vo, (	<b>-</b> 1	ļ	FOR USE WITH THE	UATIONS
2-BUTANONE (MEK)	PEOPLE	1	0.00252	0.00004	YES	Vo, (	<b>-</b> 1	ļ	FOR USE WITH THE PROCEDURE.	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE	PEOPLE PEOPLE	1 200	0.00252 0.00019	0.00004 0.00002	YES YES	Vo, C	<b>-</b> 1	ļ	FOR USE WITH THE PROCEDURE.	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM	PEOPLE PEOPLE PEOPLE	1 200 5000	0.00252 0.00019 1189	0.00004 0.00002 2322	YES YES YES	Vo, C	<b>-</b> 1	ļ	FOR USE WITH THE PROCEDURE.  If B  Fr (Vr + Vo)  OCCUPIED	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE	PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2	0.00252 0.00019 1189 0.00011	0.00004 0.00002 2322 0.00002	YES YES YES YES	Vo, (	<b>-</b> 1	ļ	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE	PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2 100	0.00252 0.00019 1189 0.00011	0.00004 0.00002 2322 0.00002 0	YES YES YES YES YES YES	Vo, (	<b>-</b> 1	ļ	FOR USE WITH THE PROCEDURE.  If B  Fr (Vr + Vo)  OCCUPIED	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE	PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2 100	0.00252 0.00019 1189 0.00011 0	0.00004 0.00002 2322 0.00002 0	YES YES YES YES YES YES YES		Co	ļ	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE	UATIONS
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL	PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2 100 10 N/A	0.00252 0.00019 1189 0.00011 0 0 1.68094	0.00004 0.00002 2322 0.00002 0 0 1.68094	YES YES YES YES YES YES YES YES	NOTES	<u>:</u>	E	FOR USE WITH THE PROCEDURE.  If B  Fr (Vr + Vo)  OCCUPIED ZONE e, N, Cs	UATIONS E IAQ Vr
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL METHYLENE CHLORIDE	PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2 100 10 N/A 200	0.00252 0.00019 1189 0.00011 0 0 1.68094	0.00004 0.00002 2322 0.00002 0 0 1.68094	YES YES YES YES YES YES YES YES YES	NOTES 1) IAG	E Q PROCE	DURE IN	FOR USE WITH THE PROCEDURE.  If B  Fr (Vr + Vo)  OCCUPIED ZONE  e, N, Cs  I ACCORDANCE PTION FOUND IN	WITH THE I IMC, SECTIO
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL METHYLENE CHLORIDE PROPANE	PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE PEOPLE	1 200 5000 2 100 10 N/A 200 25	0.00252 0.00019 1189 0.00011 0 0 1.68094 0	0.00004 0.00002 2322 0.00002 0 0 1.68094 0 0.00003	YES	NOTES 1) IAG EN 40	E Q PROCE IGINEEREI 03.2 AND	DURE IND EXCEP	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE e, N, Cs  I ACCORDANCE PTION FOUND INCORDANCE WITH	WITH THE I IMC, SECTIO ASHRAE 62.1-
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL METHYLENE CHLORIDE PROPANE TETRACHLOROETHANE	PEOPLE	1 200 5000 2 100 10 N/A 200 25 1000	0.00252 0.00019 1189 0.00011 0 0 1.68094 0 0.00077 0.00998	0.00004 0.00002 2322 0.00002 0 0 1.68094 0 0.00003 0.00998	YES	<u>NOTES</u> 1) IAG EN 40 SE	E Q PROCE IGINEEREI 03.2 AND	DURE IND EXCER	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE e, N, Cs  I ACCORDANCE PTION FOUND INCORDANCE WITH 6.3 BY UTILIZIN	WITH THE I IMC, SECTIO ASHRAE 62.1-
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL METHYLENE CHLORIDE PROPANE TETRACHLOROETHANE TETRACHLOROETHYLENE	PEOPLE	1 200 5000 2 100 N/A 200 25 1000 5	0.00252 0.00019 1189 0.00011 0 0 1.68094 0 0.00077 0.00998	0.00004 0.00002 2322 0.00002 0 0 1.68094 0 0.00003 0.00998	YES	NOTES 1) IAG EN 40 SE 10 2) AL	E PROCE IGINEERE IGIN	DURE IN D EXCEF IN ACC. 1.2 & () TECHNO	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE e, N, Cs  I ACCORDANCE PTION FOUND IN CORDANCE WITH 6.3 BY UTILIZIN DLOGY.  D IN PARTS PER	WITH THE I IMC, SECTIO ASHRAE 62.1- G BIPOLAR
BENZENE 2-BUTANONE (MEK) CARBON DIOXIDE CHLOROFORM DIOXANE HYDROGEN SULFIDE METHANE METHANOL METHYLENE CHLORIDE PROPANE TETRACHLOROETHANE TETRACHLOROETHYLENE TOLUENE TRICHLOROETHANE	PEOPLE	1 200 5000 2 100 N/A 200 25 1000 5 100	0.00252 0.00019 1189 0.00011 0 0 1.68094 0 0.00077 0.00998 0	0.00004 0.00002 2322 0.00002 0 0 1.68094 0 0.00003 0.00998 0	YES	NOTES 1) IAI EN 40 SE IO 2) AL UN	E PROCE IGINEERE IGIN	DURE IN D EXCEP IN ACC. 1.2 & (TECHNO) S LISTEL THERWISE	FOR USE WITH THE PROCEDURE.  If B Fr (Vr + Vo)  OCCUPIED ZONE e, N, Cs  I ACCORDANCE PTION FOUND IN CORDANCE WITH 6.3 BY UTILIZIN DLOGY.  D IN PARTS PER	WITH THE I IMC, SECTIO ASHRAE 62.1- G BIPOLAR  R MILLION (PPN

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

YES

AT REDUCED OA



- 2 ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- 3 OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).

ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE ORIGINAL AND UN-PUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED IN ANYPART WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SAVOY

PLACE

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CERTIFICATION:

205 E INTENDENCIA STREET PENSACOLA, FLORIDA 32502 P 850.432.7772

REVISIONS :

DRAWN BY: A. HASKEW

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

HVAC VENTILATION **RATES** 

SHEET NO. :

H.M. YONGE & ASSOCIATES, INC.

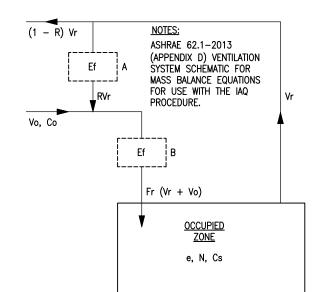
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661

CERTIFICATION OF AUTHORIZATION No: 5254
MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

### OUTSIDE AIR VENTILATION RATES IAQ PROCEDURE - 2021 IMC ZONE MAX TABLE 6.1 OCCUPANCY OA/person ZONE FLOOR cfm/ft2 Pz\*Rp Az\*Ra VENTILATION (Ra) EFF. (Ez) FACILITY TYPE | ZONE USE AREA (SF) Az (CFM) 102 (3) KITCHEN 365 **(**4**)** 7.5 0.12 | 38 | 44 | 0.8 FOOD & AHU#5 BEVERAGE 685 **(4)**| DINING 7.5 0.18 | 150 | 123 | 0.8 342 (3) 20 ZONE HEIGHT (FT) 12 AIR CHANGES/HOUR 9.0 DESIRED OA (Vo) IAQ 200 OA PER VRP 444 CFM VRP OA CFM/PERSON 17.8 MAX/MIN SA (Vs) 1900 OA PER IAQ 200 CFM | IAQ OA CFM/PERSON 8.0 RETURN AIR (Vr) 1700 244 CFM OA SAVINGS RECIRC. FLOW FACTOR(R) 0.89 OA DRY BULB 95 °F 80 °F VENT. EFF. (Ez) OA WET BULB 8.0 55 °F PHYSICAL ACTIVITY COIL LVG. DRY BULB FILTER LOCATION COIL LVG. WET BULB 54 °F HVAC FLOW TYPE CONSTANT OA FLOW TYPE CONSTANT

OA TEOM THE	OUNSIANI				
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	1103	1602	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPT. AT REDUCED ( LEVELS?		YES
NOTE: OWNER HAS BEEN	ADVISED REGAR	DING THE LISE	OF BI_POLAR	AIR PURIFICATION	N DEVICES



- NOTES:

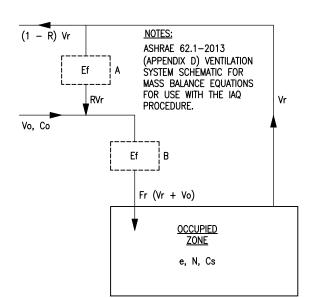
  A PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- 2) ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- 3) OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING
   ARFA

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

			TSIDE AI Q PROC							
		· ·			TABLE 6.1	TABLE 6.1			TADLE CO	
ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	OA/person (Rp)	cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#7	FOOD & BEVERAGE	KITCHEN	310 4	3	7.5	0.12	23	37	0.8	75 ③
ZONE HEIGHT (FT)	10			AIR CHANGES/	HOUR	13.4				
DESIRED OA (Vo) IAQ	70			OA PER VRP		75 CFM	VRP 0	A CFM/F	PERSON	24.9
MAX/MIN SA (Vs)	690			OA PER IAQ		70 CFM	IAQ OA	CFM/P	ERSON	23.3
RETURN AIR (Vr)	620			OA SAVINGS		5 CFM				
RECIRC. FLOW FACTOR(R)	0.90			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	STANDING (DESK WORK)			COIL LVG. DRY	' BULB	55 °F				
FILTER LOCATION	В			COIL LVG. WET	BULB	54 °F				
HVAC FLOW TYPE	CONSTANT									
OA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	R) Vr		NOTES: ASHRAE 62.1–201	3
ACETAL DEHYDE	PFOPI F	100	0.01112	0.00015	YFS		<u>-</u>		(APPFNDIX D) VFN	

OA ILOW TIFL	CONSTAINT				
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	882	916	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPT AT REDUCED (		YES



- NOTES:

  1 IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- 2) ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- 4 OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

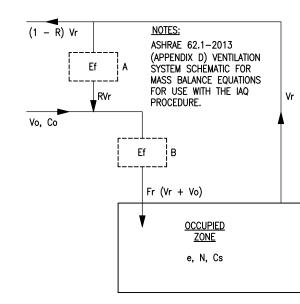
LEVELS?

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

# OUTSIDE AIR VENTILATION RATES IAQ PROCEDURE — 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#6	FOOD & BEVERAGE	CORRIDORS	565 4	2.0	0	0.06	0	34	0.8	42 (3)
ZONE HEIGHT (FT)	10			AIR CHANGES/	HOUR	6.7				
DESIRED OA (Vo) IAQ	70			OA PER VRP		42 CFM	VRP 0	A CFM/F	PERSON	21.2
MAX/MIN SA (Vs)	630			OA PER IAQ		70 CFM	IAQ OA	CFM/P	ERSON	35.0
RETURN AIR (Vr)	560			OA SAVINGS		-28 CFM				
RECIRC. FLOW FACTOR(R)	0.89			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	STANDING (DESK WORK)			COIL LVG. DRY	' BULB	55 °F				
FILTER LOCATION	В			COIL LVG. WET	BULB	54 °F				
HVAC FLOW TYPE	CONSTANT									
OA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	R) Vr		NOTES:	

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	966	745	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPT. AT REDUCED ( LEVELS?		YES



- NOTES:

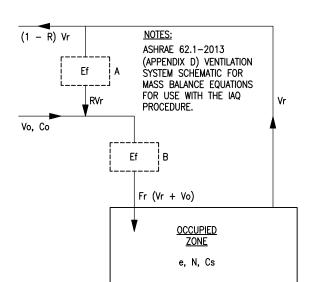
  1 IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- 2) ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- 3 OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- 4 OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING ARFA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

		OU'	TSIDE AI	IR VENTI	LATION	RATES				
		IA	Q PROC	EDURE	- 2021	IMC				
ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#8	SPORTS & ENT.	HEALTH CLUB	540 4	12	20.0	0.06	240	32	0.8	341 (3
ZONE HEIGHT (FT)	10			AIR CHANGES/	HOUR	11.7				
DESIRED OA (Vo) IAQ	110			OA PER VRP		341 CFM	VRP 0	A CFM/F	PERSON	28.4
MAX/MIN SA (Vs)	1050			OA PER IAQ		110 CFM	IAQ OA	CFM/P	ERSON	9.2
RETURN AIR (Vr)	940			OA SAVINGS		231 CFM				
RECIRC. FLOW FACTOR(R)	0.9			OA DRY BULB		95 °F				
VENT. EFF. (Ez)	0.8			OA WET BULB		80 °F				
PHYSICAL ACTIVITY	MILD EXERCISE			COIL LVG. DRY	BULB	55 °F				
FILTER LOCATION	В			COIL LVG. WET	BULB	54 °F				
HVAC FLOW TYPE	CONSTANT									
OA FLOW TYPE	CONSTANT									
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?	(1 -	R) Vr		NOTES: ASHRAE 62.1–2013	7
ACETAL DEHYDE	PFOPI F	100	0.01112	0.00015	YES		<sub>↑</sub>	j	(APPENDIX D) VENT	

OA FLOW TYPE	CONSTANT				
CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	858	1820	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPT. AT REDUCED ( LEVELS?		YES



- NOTES:

  1 IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- 2) ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- 3) OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.



MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

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CERTIFICATION :



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ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE ORIGINAL AND UN-PUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED IN ANY PART WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

REVISIONS :

DRAWN BY: A. HASKEW

CHECKED BY: H.M. YONGE

PROJECT NO. 2412

DATE: 05/07/25

SHEET TITLE :

HVAC VENTILATION RATES

SHEET NO. :

M-203

### **ELECTRICAL SPECIFICATIONS**

- . CODES AND STANDARDS A. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES AND INDUSTRY STANDARDS.
- B. IN CASE OF DIFFERENCE BETWEEN BUILDING CODES, SPECIFICATIONS, STATE LAWS AND LOCAL ORDINANCES, REGULATIONS AND THE CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF SUCH DIFFERENCES, NON-COMPLIANCE: SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE BUILDING CODES, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS AND UTILITY COMPANY REGULATIONS, HE SHALL BEAR ALL COSTS ARISING IN CORRECTING THE DEFICIENCIES. THE FOLLOWING CODES SHALL APPLY:
- NFPA-70 NATIONAL ELECTRICAL CODE
- NFPA-72 NATIONAL FIRE ALARM CODE
- NFPA-101 LIFE SAFETY CODE

FLORIDA BUILDING CODE

## 2. <u>CONDUCTORS</u>

- A. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION FOR GENERAL USE.
- B. CONDUCTORS #12 THROUGH #10 SHALL BE SOLID, #8 AND LARGE SHALL BE STRANDED. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE SHALL BE #12.

### 3. <u>CONDUIT</u>

A. ALL CONDUCTORS SHALL BE IN CONDUIT. CONDUIT SHALL BE E.M.T. WITH STEEL COMPRESSION OR STEEL SET SCREW FITTINGS.

A. MC CABLE MAY BE USED IN LIEU OF CONDUCTORS IN CONDUIT FOR RUNS CONCEALED ABOVE CEILING OR IN WALLS.

A. WIRING DEVICES SHALL BE COMMERCIAL GRADE. DEVICE COLORS SHALL BE AS DIRECTED BY THE ARCHITECT.

## 6. <u>IDENTIFICATION</u>

- A. EACH CONNECTED AND SPARE CIRCUIT ON LIGHTING AND POWER PANELBOARDS SHALL BE IDENTIFIED BY MEANS OF A TYPED DIRECTORY.
- B. ALL JUNCTION BOXES SHALL BE MARKED WITH PANEL AND CIRCUIT NUMBERS.
- C. ALL ALARM CONDUIT AND BOXES SHALL BE PAINTED RED.

## 7. LIGHTING FIXTURES AND CONTROLS

A. LIGHTING FIXTURES SHALL BE AS INDICATED OR APPROVED EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL.

## 8. <u>Panelboards</u>

A. PANELBOARDS SHALL BE SQUARE D TYPE NQ OR EQUAL. BUSSING MAY BE COPPER OR ALUMINUM.

A. DISCONNECTS SHALL BE NEMA GENERAL DUTY TYPE.

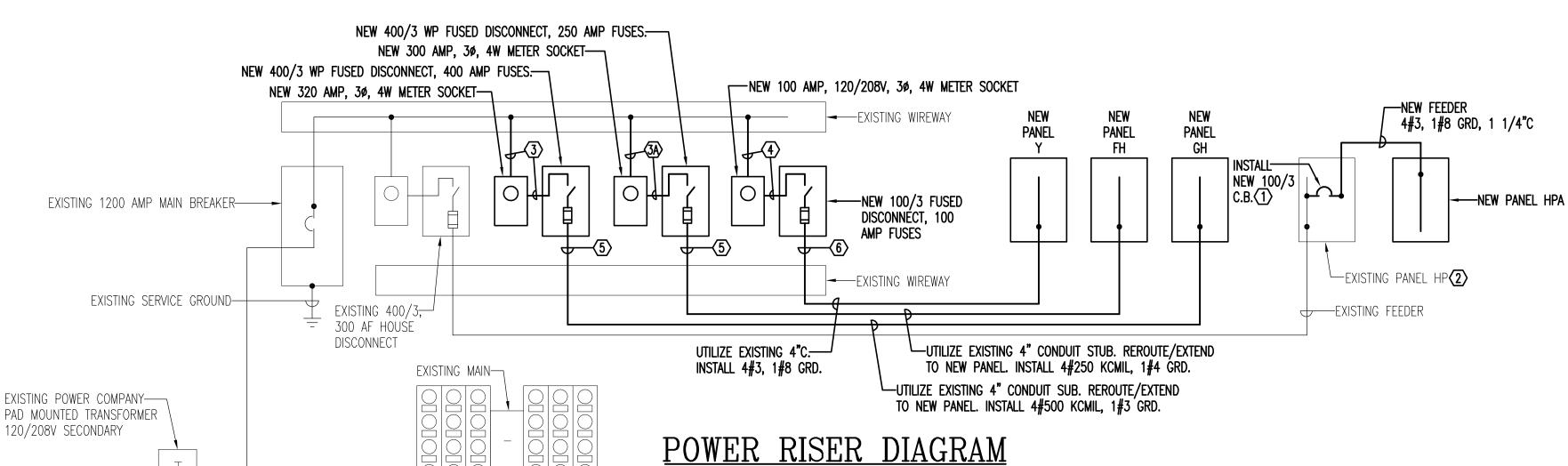
A. PROVIDE ADDITIONS TO THE EXISTING FIRE ALARM SYSTEM AS INDICATED. NEW EQUIPMENT SHALL BE COMPATABLE WITH THE EXISTING FIRE ALARM CONTROL SYSTEM.

## 11. <u>SITE VISIT</u>

A. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. ALL CIRCUIT NUMBERS, FEEDERS, ETC. SHALL BE FIELD VERIFIED PRIOR TO STARTING WORK.

- A. GENERAL: THE CONTRACTOR SHALL SHOW BY DESIGNATION IN SERVICE THAT ALL CIRCUITS AND DEVICES ARE IN OPERATING CONDITIONS. TESTS SHALL BE SUCH THAT ITEM OF CONTROL EQUIPMENT WILL FUNCTION NOT LESS THAN FIVE TIMES.
- B. TEST ON 600 VOLT WIRING: TEST ALL NEW 600 VOLT WIRING TO VERIFY THAT NO SHORT CIRCUITS OR ACCIDENTAL GROUNDS EXIST.

- 13. <u>SUBMITALS</u> A. PROVIDE SUBMITTALS FOR THE FOLLOWING:
  - -LIGHTING FIXTURES
  - -PANELBOARDS -FIRE ALARM SYSTEM
- -LIGHTING CONTROLS



1 REMOVE EXISTING SPARE CIRCUIT BREAKERS TO ALLOW INSTALLATION.

(2) EXISTING PANEL IS A SQUARE D NF WITH EDB CIRCUIT BREAKERS.

OF THE NEW 100/3 BRANCH BREAKER) (22,000 AIC RATING)

(REARRANGE CIRCUIT BREAKERS AS REQUIRED TO ALLOW INSTALLATION

NEW CIRCUIT BREAKER SHALL BE EDB SERIES.

(5) NEW 3"C FROM WIREWAY TO CIRCUIT BREAKER

(6) NEW 2"C FROM WIREWAY TO CIRCUIT BREAKER

 $\sqrt{3}$ 4#500 KCMIL, 1#3/0 GRD, 4°C

3A 4#250 KCMIL, 1#3/0 GRD, 3"C

4 4#3, 1#3/0 GRD, 2"C

----EXISTING

EXISTING FLOORS 2-9

APARTMENT METER CENTER

ELECTRICAL LEGEND

NOMINAL 2'X2' RECESSED LED LIGHTING FIXTURE

NOMINAL 2'X2' RECESSED LED LIGHTING FIXTURE WITH EMERGENCY UNIT BATTERY PACK

RECESSED OR PENDANT MOUNTED LED LIGHTING FIXTURE

WALL BRACKET MOUNTED LED LIGHTING FIXTURE

EXIT LIGHT/EMERGENCY LIGHTING UNIT COMBINATION

- SINGLE POLE LIGHTING SWITCH MOUNT 48" AFF
- THREE-WAY LIGHTING SWITCH MOUNT 48" AFF
- WALL MOUNTED OCCUPANCY SENSOR SWITCH MOUNT 48" AFF BASIS OF DESIGN WATTSTOPPER PW-301

CONDUIT RUN ABOVE CEILING OR IN WALLS

THREE-WAY WALL MOUNTED OCCUPANCY SENSOR SWITCH MOUNT 48" AFF BASIS OF DESIGN WATTSTOPPER PW-301 WALL MOUNTED DIMMER SWITCH MOUNT 48". SEE LIGHTING CONTROL DETAILS ON SHEET E102. WALL MOUNTED 3-WAY DIMMER OCCUPANCY SENSOR MOUNT 48" AFF. SEE LIGHTING CONTROL DETAILS ON SHEET E102. CEILING MOUNTED LINE VOLTAGE OCCUPANCY SENSOR WATTSTOPPER DT-355. EXHAUST FAN SEE MECHANICAL NON-FUSED DISCONNECT SWITCH JUNCTION BOX DUPLEX RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE ⇒G,WP GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH WEATHERPROOF COVERPLATE DUPLEX RECEPTACLE MOUNTED ON CONDUIT STUB UP THRU FLOOR SPECIAL OUTLET VERIFY TYPE REQUIRED WITH KITCHEN EQUIPMENT SUPPLIER COMMUNICATIONS OUTLET STUB 3/4"C TO ABOVE KITCHEN, OFFICE OR STORAGE CEILING FIRE ALARM SYSTEM PULL STATION MOUNT 48" AFF EXISTING FIRE ALARM SYSTEM PULL STATION FIRE ALARM SYSTEM HORN/STROBE MOUNT 80" AFF EXEX EXISTING FIRE ALARM SYSTEM HORN/STROBE FIRE ALARM STROBE MOUNT 80" AFF HOOD EXTINGUISHING SYSTEM. PROVIDE FIRE ALARM MONITOR MODULE. -CONDUIT RUN EXPOSED PARALLEL OR PERPINDICULAR TO BUILDING LINES \_\_\_\_ CONDUIT RUN UNDERGROUND OR BELOW SLAB HOMERUN TO PANELBOARD ANY CIRCUIT WITH FURTHER DESIGNATION 2#12, 1#12 GRD, 1/2°C 3#12, 1#12 GRD, 1/2"C ETC.

> DRAWN BY : JPM CHECKED BY : JIK

PROJECT NO. 2412

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John Frignedby

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REVISIONS :

DATE: 05/07/25

SHEET TITLE : ELECT. LEGEND, ELECT. SPECS., POWER RISER DIAGRAM

SHEET NO.:

E001

2024 SMP ARCHITECTURE

KLOCKE & ASSOCIATES, INC. -Consulting Engineers-51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989 C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

	ER INTERRUPTING CAPACITY: 22,000				PA	NEI		CHE	DU	LE			BRACED FOR MINIMUM <u>2</u> AMPS SYMMETRICAI	
	08V, 3ø, 4W MP M.L.O.						G	H					FLUSH MOUNTED	
CKT	EQUIPMENT SEF	RVED	BREA TRIP	KER POLE	KVA A	YPH. B	ASE C	KV/ A	A/PH B	ASE C	BREA POLE		EQUIPMENT SERVED	Ck
1	WALK-IN COOLER CONDENSER		20	2	1.2		_	.7	_		1	20	FLOOR WARMER	2
3	WALK IN GOOLEK COMBENSER		70	1	1.2	1.2		• '	.3			1	REFRIGERATED COUNTER TOP	4
5	WAREWASHER		20	1		1.2	1.6			.2	<b>+</b>	,	REFRIGERATOR UNDERCOUNTER	6
7	REACH-IN FREEZER		7	i i	1.1		1.0	2.3		٠.۷	2	30	ESPRESSO/CAPPUCINO MACHINE (1)	8
9	A TREEZER				1.1	1.4		2.5	2.3		1	<del>- 1</del>	LSI NESSO/ CAI I OCINO MACITINE (1)	1
11	FLOOR MIXER	(1)	20	3		1.7	1.4		2.5	1.1	1	20	REFRIGERATOR SANDWICH PREP (1)	1
13	T LOOK MIXLIN		- <del>- 2</del> 0	J	1.4		1.4	.18		1.1	<u> </u>	<u> </u>	CONVENIENCE RECEPTACLE	1
15	WALK-IN COOLER LIGHTS		20	1	1.4	1		.10	1.2		1	20	OVEN/MICROWAVE (1)	1
17	WALK-IN COOLER EVAPORATOR	)				.1	.1		1.2	1.2	1	<u> </u>	OVEN/ MICKOWAVE	1
19	CONVENIENCE RECEPT.				.36		. 1	1.2		1.2	2	20	OVEN/MICROWAVE (1)	$\frac{1}{2}$
21		(1)	<b>_</b>		.30	7		1.2	1.2		1	<u></u>	OVEN/ MICROWAVE ()	2
	BREAD SLICER	U	20	1		.7	_		1.2	E	1 1	20	FOOD SLICER (1)	
23	OVEN ROTATING RACK		20	7			.9	70		.5		20		2
25	OVEN BIOARD			7	.9	4.4		.36	4.0				CONVENIENCE RECEPTACLE	2
27	OVEN PICARD		20	2		1.1	4.4		1.2	4.0			TEA BREWER 1	2
29	BOLIOU BOLLED			1	4.0		1.1	70		1.2			REFRIGERATED GLASS DISPLAY 1	3
31	DOUGH ROLLER	0	20	1	1.0			.36					RECEPT. POS STATIONS ①	3
33	UNDERCOUNTER ICE MAKER	①				.7			1.1				REFRIGERATOR AIR CURTAIN TYPE	3
<u>35</u>	FLOOR MIXER	1					1.1			.9			CONVENIENCE RECEPTACLES	3
37	EXHAUST FAN HEF1				.9			.54					CONVENIENCE RECEPTACLES	7
39	EXHAUST FAN HEF2					1.1			.54		<u> </u>		CONVENIENCE RECEPTACLES	4
41	SPARE		<b>†</b>	<b>†</b>			_			4.0	2	60	AHŲ#3	4
43	AHU#1		60	2	4.0			4.0			<b>†</b>		<u> </u>	4
45	<b>†</b>		Ť	•		4.0			1.9		2	40	HPU#3	4
47	AHU#2		60	2			4.0			1.9	<b>†</b>	<u> </u>	<b>,</b>	
49	<b>\psi</b> "		•	•	4.0			.9			1	20	FF#1	5
51	HPU#1		50	2		2.8							SPARE	-
53	<b>\</b> "		•	•			2.8							5
55	HPU#2		50	2	2.8									5
57	\ "		Ų.	•		2.8							•	5
59	LIGHTING		20	1			.9						SPACE	6
61	GAS WATER HEATER				.1		-							6
63	SERVICE RECEPT.				-	.18								6
65	POS SYSTEM		<b>†</b>	<b>+</b>			.1							6
67	1		1	4	8.6									6
<del>69</del>	OAU#1		125	3		8.6								7
<del>7</del> 1	,, , , , , , , , , , , , , , , , ,		- <del>`</del> Ţ	Ĭ		<u> </u>	8.6				<b>│</b>	<b>+</b>	<b>+</b>	<del>                                     </del>
• •	SECTION PANEL		TOTAL	CONNEC	CTED K	VA 36.	90 34.		00	GFI CIR	CUIT BREA	AKER		

	XER INTERRUPTING CAPACITY: 22,000				PA	NEI		CHE	DU:	LE			BRACED FOR MINIMUM <u>2</u> AMPS SYMMETRICAI	
	08V, 3ø, 4W MP M.L.O.						F	H					FLUSH MOUNTED	
CKT	EQUIPMENT SERVI	FD-	BREA			\/PH	ASE	KVA	/PH	ASE		KER	EQUIPMENT SERVED	CI
	EQUIT WEITH BEITH		TRIP	POLE	Α	В	С	Α	В	С	POLE	TRIP	Egon WEITH GENTED	
1	RECEPT. KITCHEN		20	1	.36			1.0			1	20	CONVECTION OVEN (1)	2
3	COOLER EVAPORATOR					1.2			.6				REFRIGERATOR SANDWICH PREP (1)	4
5		2					1.0			.6			REACH-IN REFRIGERATOR ①	(
7	SHUNT TRIP SPACE				_			.6	_				REFRIGERATED DISPLAY CASE (1)	- 8
9	SHUNT TRIP SPACE					_			.6				REFRIGERATED DISPLAY CASE (1)	
11	REACH-IN FREEZER	① ①					.9			.6			REFRIGERATED DISPLAY CASE (1)	
13		$\mathbb{U}_{\perp}$			.9	40		1.5					WAREWASHER UNDERCOUNTER (1)	
15	CONVENIENCE RECEPTACLE					.18	_		.1	7.0			CONVENIENCE RECEPTACLE (POS)	
17		$\bigcirc$			4.0		.5	70		.36			RECEPT. DINING	
19	BEER DISPENSER	1			1.0	_		.72	7.0				RECEPT. DINING	
21		$\bigcirc$				.5			.36	7			CONVENIENCE RECEPTACLE	
23	REFRIGERATED DISPLAY CASE	① ①	70		1 5		.5	0		.3	I		HOOD CONTROL PANEL	
25 27	ICE MAKER	$\cup$	30	<u> </u>	1.5	1 5		.8	0		<del> </del>	15	HOOD EVILABLET FAN	
<u>27</u> 29	SKILLET	(2)	60	2		1.5	4.5		.8	.8	<u> </u>	15	HOOD EXHAUST FAN	
<u>29</u> 31	SKILLET		<b>0</b> 0	<del>- </del>	4.5		4.5	.5		.0				
33	WALK-IN COOLER CONDENSER	-	20	2	4.5	2.0		.5	.5		3	15	HOOD SUPPLY FAN	
35	WALK-IN COOLER CONDENSER		<u> </u>	<del>- </del>		2.0	2.0		.ي	.5	1	13	HOOD SUPPLI FAIN	
<u>37</u>	, , , , , , , , , , , , , , , , , , ,		20	1	_		2.0	1.6			2	40	HPU#4	
39			1	-		_		1.0	1.6		1	<b>₩</b>	TH O# T	
41			+	+			_		1.0	2.7	2	50	HPU#5	
43	AHU#4		50	2	4.0			2.7		2.7	1	V		
45	741041		₩	7	1.0	4.0		2.7	1.4		2	25	HPU#7	
47	AHU#5		60	2		1.0	4.3		1.1	1.4	Ī	- <del>-</del> -		
49			Ĭ	Ī	4.3			.9		1	1	20	FF#2	
51	AHU#7		50	2	1	4.3			.1		l i	Ī	GAS WATER HEATERS	
53	· · · · · · · · · · · · · · · · · · ·		Ţ,	Ī		1,10	4.3						SPARE	
55	LIGHTING		20	1	.9									
57				ĺ		.9								
59							.9							
61	SHUNT TRIP POWER				_								SPACE	
63	SPACE													
65														
67														
69														
71			•	<u> </u>							†	<u> </u>	♦	

	ER INTERRUPTING CAPACITY <u>22,000</u>		PANEL SCHEDULE  BRACED FOR MINIMUM 22,00  AMPS SYMMETRICAL  FLUSH MOUNTED														
100 AMP M.L.O.																	
CKT	EQUIPMENT SEI	S//FD	BRE			KVA	\/PH	ASE	KVA	/PH	ASE	BREA	KER	FO.	LIIPMENT	SERVED	CKT
		**	TRIF	P(	OLE	Α	В	С	Α	В	С	POLE	TRIP	LQ	OII WILITI		
1	LIGHTING		20		1	.7	7.0		4.0	4.0		2	50	AHU-8			2
<u>3</u> 5	RECEPT. YOGA				+		.36	.54		4.0	1.5	2		HPU-8			6
7	SPARE							.01	1.5		1.0	Ī	Ť				8
9												1	20	SPACE			10
11 13																	12
15	SPACE																16
17 19	•				<b>.</b>									$\downarrow$			18 20
13	1 7		TOTA	AL CO	ONNE	CTED K	XVA 6.2				I	<u> </u>	<u> </u>	I <b>Y</b>			20

BREAK	ER INTERRUPTING CAPACITY: <u>22,000</u>				PA		BRACED FOR MINIMUM <u>22,000</u> AMPS SYMMETRICAL							
	08V, 3ø, 4W MP M.L.O.	HPA SURFACE MOUNTED												
CKT	EQUIPMENT SERVE	BR	REAL	KER	KVA	\/PH	ASE	KVA	./PH	ASE	BRE	AKER	EQUIPMENT SE	RVED CKT
CKI	LQUIFMENT SERVE	TR	IP F	POLE	Α	В	С	A B C		С	POLE TRIP		LQUIFIVILINI 3L	NVLD   CKT
1	LIGHTING (1)	20		1	.6			4.0			2	50	AHŲ#6	2
<u>3</u> 5	RECEPT.					.72	10		4.0	1.4	1	75	UDU//c	6
7	SERVICE RECEPT. COMM BACKBOARD				.18		.18	1.4		1.4	1	25	HPU#6 	8
9	SPACE				.10			1.7			1	20	SPARE	10
11														12
13														14
15 17													SPACE	
19													OI NOL	20
21														22
23	<u> </u>	†		•							<u>                                     </u>	<u> </u>	<u> </u>	24
		TO	TAL	CONNEC	CTED K	XVA 6.1			0	ROUTE	THRU CO	NTACTOR.	SEE LIGHTING CONTROL SCH	EMATIC.

LIGHTING FIXTURE SCHEDULE											
MARK	MANUFACTURER AND CATALOG No.	SOURCE	MOUNTING	REMARKS							
L22	H.E. WILLIAMS BP-22-LS-8-CS-DIM-UNV	LED 4200 LUMENS 3500K 40 WATTS	RECESSED	2							
L22A	H.E. WILLIAMS BP-22-LS-8-CS-DIM-UNV	LED 3100 LUMENS 3500K 24 WATTS	RECESSED	2							
L22B	H.E. WILLIAMS AP-22-L50-835-DIM-UNC	LED 5000 LUMENS 3500K	RECESSED	2							
LS	H.E. WILLIAMS 75R-4-L50-835-DIM-UNV	LED 5000 LUMENS 3500K 33 WATTS	SURFACE								
LB2	H.E. WILLIAMS 75R-2-L15-835-DIM-UNV	LED 1500 LUMENS 11 WATTS	WALL								
L8W	ALCON LIGHTING 12100-10-R-8-L93-35K-RF-WH-4N1	LED 930 LUMENS/FT.	RECESSED	8' LENGTH							
L14W	ALCON LIGHTING 12100-10-R-14-L93-35K-RF-WH-4N1	LED 930 LUMENS/FT.	RECESSED	14' LENGTH							
LP10	FINELITE HP-2-P-0-10-B-835-F-96LG-120-SC-FC-10%	LED	PENDANT	1							
RA	H.E. WILLIAMS 2DS-L9-835-DIM-UNV	LED 900 LUMENS 3500K 11 WATTS	RECESSED								
P1	LUMENS LINCOLN DRUM PENDANT	LED LAMP	PENDANT	AGED GOLD							
P2	LUMENS FOSTER MINI PENDANT	LED LAMP	PENDANT	WHITE WITH GOLD							
Р3	HUDSON VALLEY HAVERHILL PENDANT 7308-0B	LED LAMP	PENDANT	CLEAR GLASS SHADE OLD BRONZE FINISH							
S1	TROY LIGHTING ATWATER	LED LAMP	WALL								
S2	ALORA LIGHTING EDWIN 22 INCH LED WALL SCONCE	LED LAMP	WALL								
BB	ALLOW \$100.00 EACH	LED	WALL								
$\otimes$	H.E. WILLIAMS EXIT-R-EM-WHT	LED	WALL OR CEILING								

1) PROVIDE MATCHING ACOUSTICAL BAFFLES (SEE ARCHITECTURAL)
FINISH SHALL BE AS DIRECTED BY THE ARCHITECT)

② FIXTURES INDICATED AS SHALL BE PROVIDED WITH AN 8 WATT EMERGENCY UNIT BATTERY PACK.

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REVISIONS :

DRAWN BY: JPM

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PROJECT NO. 2412

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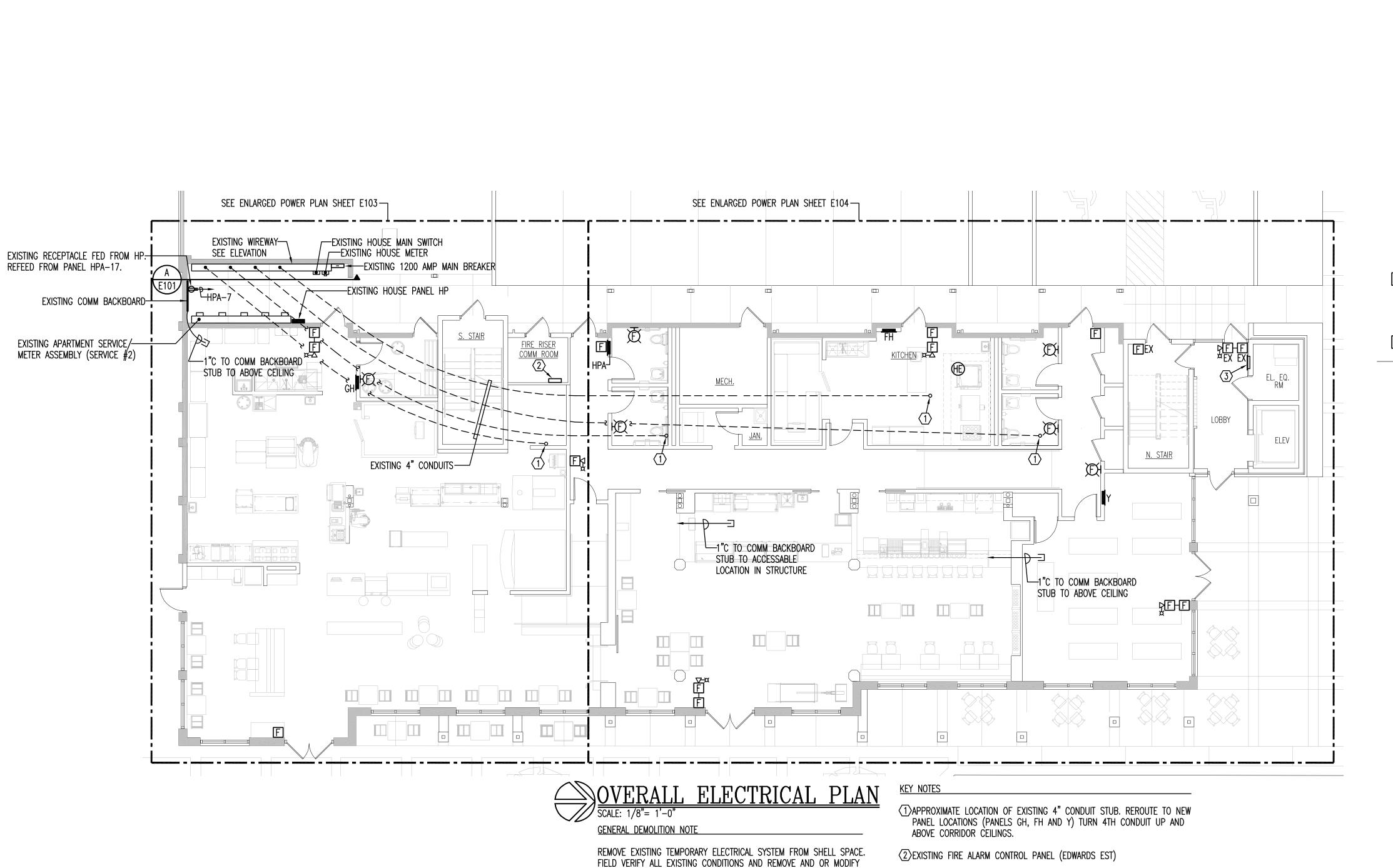
SHEET TITLE :
PANELBOARD SCHEDULES,
LIGHTING FIXTURE
SCHEDULE

SHEET NO. :

E002

KLOCKE & ASSOCIATES, INC.
—Consulting Engineers—

51 E. Gregory Street, Pensacola, Florida 32502, (850) 434–0989
C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338



EXISTING SYSTEMS FOR NEW TENANT BUILD OUTS.

(3) EXISTING FIRE ALARM ANNUNCIATOR

NEW METERS AND FUSED DISCONNECTS. SEE RISER. -EXISTING 400/3 HOUSE MAIN FUSED DISCONNECT EXISTING 320 AMP K METER EXISTING WIREWAY -EXISTING 1200 AMP HOUSE MAIN CIRCUIT BREAKER TOTAL CONNECTED LOAD = 253.3 KVA (703.6 AMPS) EXISTING WIREWAY -UTILIZE EXISTING CONDUIT STUBS FOR NEW PANELS FH, GH AND Y.

CERTIFICATION



SMP Architecture, P.A. 205 E INTENDENCIA STREET PENSACOLA, FLORIDA 32502 P 850.432.7772 www.smp-arch.com • AAC001828

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DRAWN BY: JPM

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PROJECT NO. 2412

DATE: 05/07/25

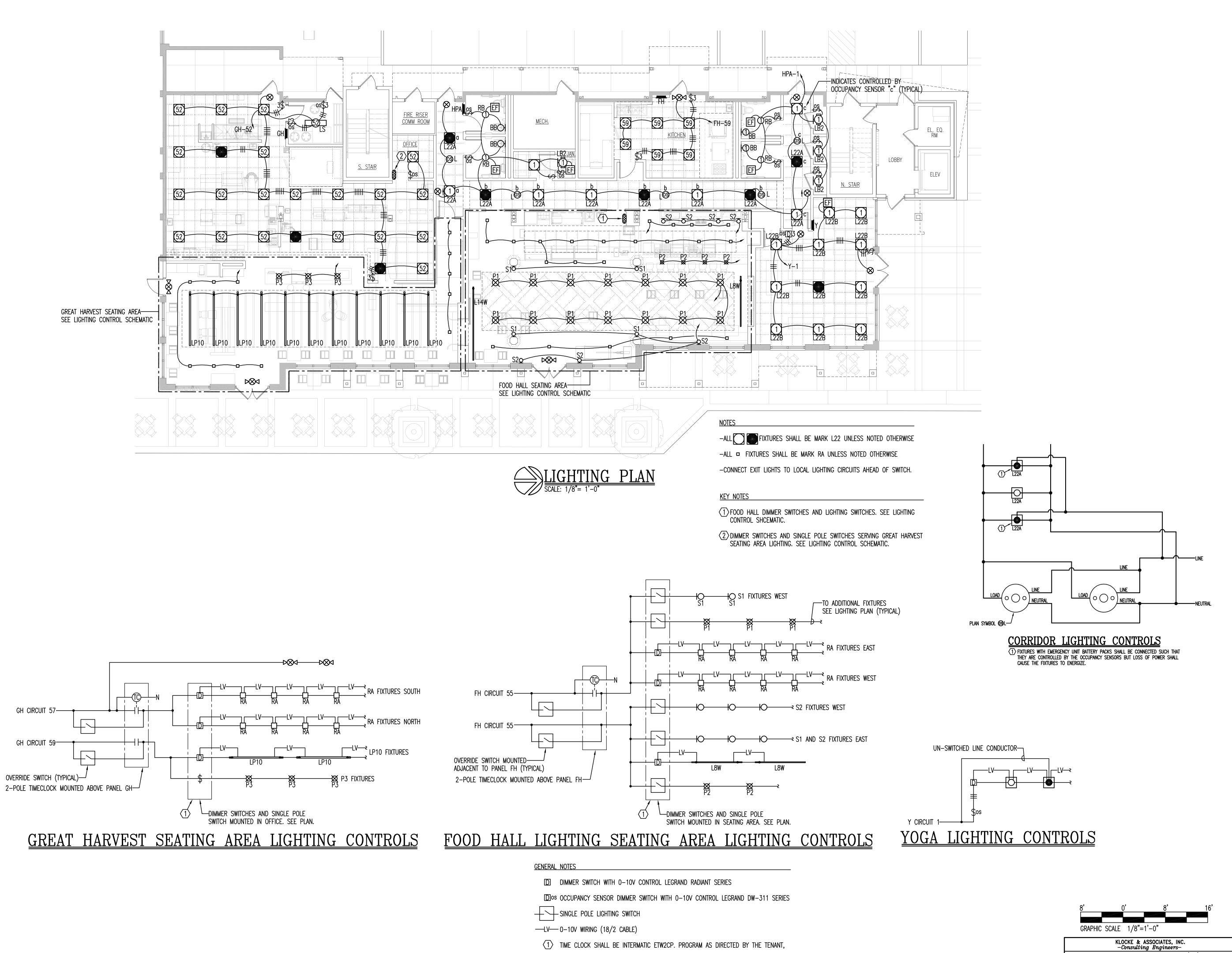
SHEET TITLE :

OVERALL POWER PLAN

SHEET NO.:

KLOCKE & ASSOCIATES, INC.
-Consulting Engineers-51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989 C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

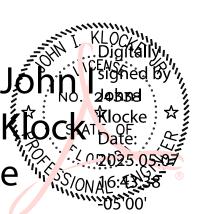
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1 TIME CLOCK SHALL BE INTERMATIC ETW2CP. PROGRAM AS DIRECTED BY THE TENANT,

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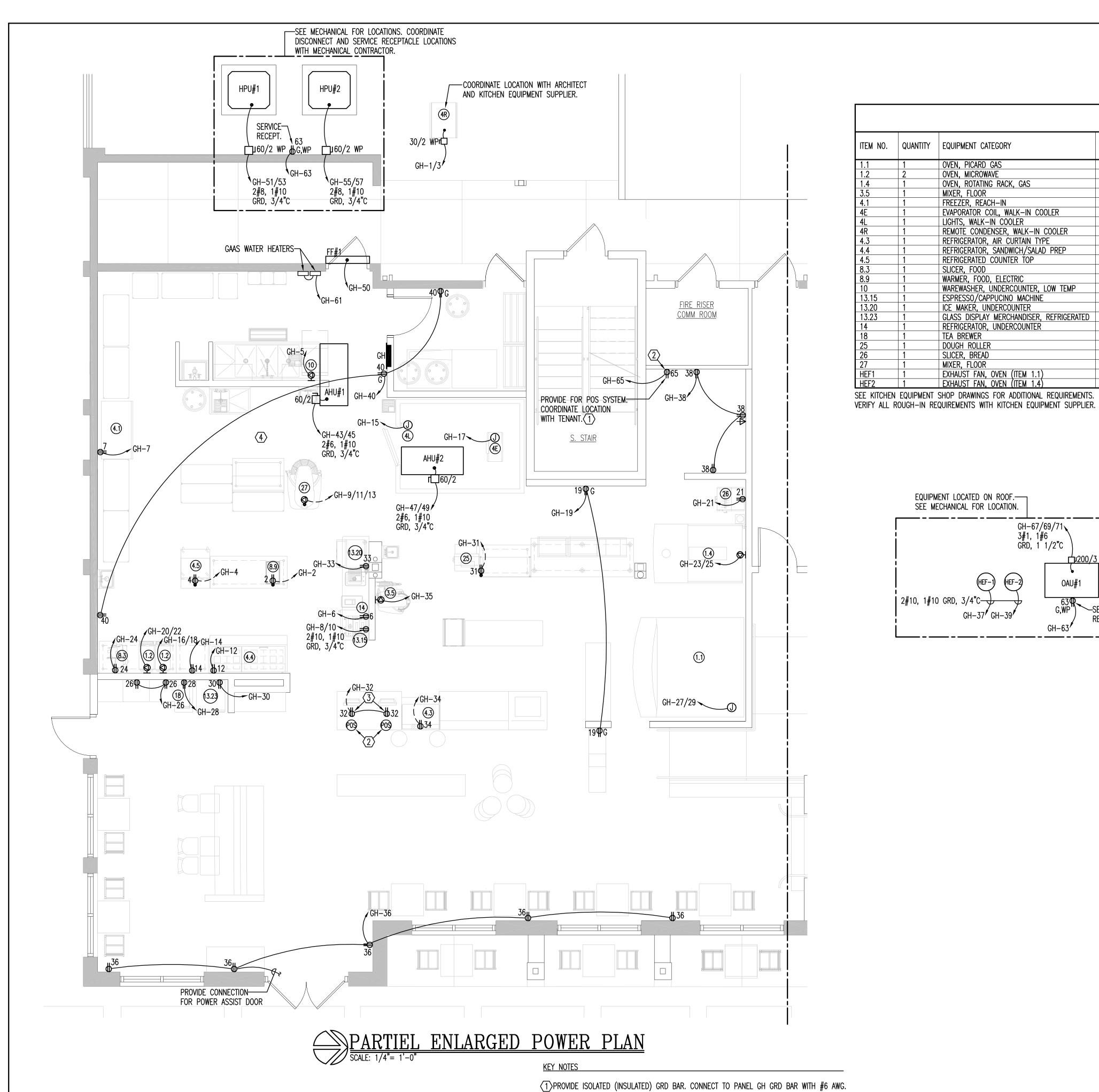
DATE: 05/07/25

SHEET TITLE : LIGHTING PLAN, LIGHTING CONTROL DETAILS

SHEET NO.:

51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989 C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

E102



2 HUBBELL IG83620S ISOLATED GRD RECEPTACLES.

AND TENANT.

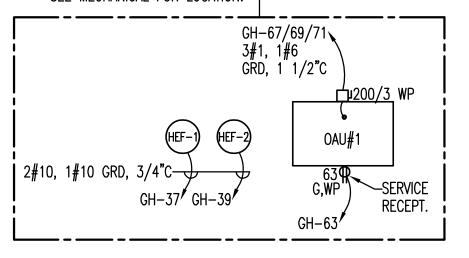
3 PROVIDE ROUGH—IN FOR POS SYSTEM NETWORK CABLE FOR FLOOR OUTLET WITH 1"C STUBBED TO ABOVE CEILING.

4 PROVIDE POWER OUTLET AND PROVISIONS FOR POS SYSTEM KITCHEN PRINTER. PROVIDE

RECEPTACLE CONNECTION TO GH-40. PROVIDE ROUGH-IN FOR NETWORK CABLE. STUB 3/4"C TO ABOVE CEILING. COORDINATE LOCATION WITH KITCHEN EQUIPMENT SUPPLIER

	EQUIPMENT ELECTRICAL SCHEDULE													
ITEM NO.	QUANTITY	EQUIPMENT CATEGORY	VOLTS	PHASE	AMPS	PLUG	NEMA	DIRECT	ELECTRICAL AFF (IN)	ELECTRICAL REMARKS				
1.1	1	OVEN, PICARD GAS	208	1	11.0			Х	DFA					
1.2	2	OVEN, MICROWAVE	208/240	1	20.0	Χ	6-20P		42	CORD AND PLUG FURNISHED				
1.4	1	OVEN, ROTATING RACK, GAS	208/240	1	8.8			Χ	DFA	ADDITIONAL 120V/60/1PH CONTROL CIRCUIT REQUIRED				
3.5	1	MIXER, FLOOR	120	1	9.5		5-15P		12	,				
4.1	1	FREEZER, REACH-IN	115	1	9.6	Χ	5-15P		12					
4E	1	EVAPORATOR COIL, WALK-IN COOLER	115	1	8.0	Χ		Χ	DFA					
4L	1	LIGHTS, WALK-IN COOLER	115	1	0.8			Χ	DFA					
4R	1	REMOTE CONDENSER, WALK-IN COOLER	208	1	11.4			X	DFA					
4.3	1	REFRIGERATOR, AIR CURTAIN TYPE	115	1	9.4	Χ	5-15P		4.5					
4.4	1	REFRIGERATOR, SANDWICH/SALAD PREP	115	1	10.3	Х	5-15P		12					
4.5	1	REFRIGERATED COUNTER TOP	115	1	2.0	Х	5-15P		12					
8.3	1	SLICER, FOOD	115	1	4.0	Х	5-15P		42					
8.9	1	WARMER, FOOD, ELECTRIC	120	1	5.8	Χ	5-20P		2					
10	1	WAREWASHER, UNDERCOUNTER, LOW TEMP	115	1	13.2			Х	7.5	CONFIRM SPECS WITH PROVIDER				
13.15	1	ESPRESSO/CAPPUCINO MACHINE	220	1	22.0	X	L6-30P		42	CONFIRM SPECS WITH PROVIDER				
13.20	1	ICE MAKER, UNDERCOUNTER	115	1	5.5	X	5-15P		12					
13.23	1	GLASS DISPLAY MERCHANDISER, REFRIGERATED	115	1	5.4	X	5-15P		12					
14	1	REFRIGERATOR, UNDERCOUNTER	115	1	2.0	X	5-15P		12					
18	1	TEA BREWER	115	1	20.0	X	5-15P		42	CONFIRM SPECS WITH PROVIDER				
25	1	DOUGH ROLLER	115	1	8.8	X	5-15P		12					
26	1	SLICER, BREAD	115	1	6.2	X	5-15P		33					
27	1	MIXER, FLOOR	200	3	12.0				56	OFF MENUMEN				
HEF1	1	EXHAUST FAN, OVEN (ITEM 1.1)	115	1	20.0					SEE MECHANICAL				
HEF2	1	EXHAUST FAN, OVEN (ITEM 1.4)	115	1	20.0					SEE MECHANICAL				

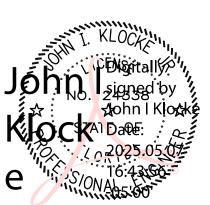
EQUIPMENT LOCATED ON ROOF.— SEE MECHANICAL FOR LOCATION.



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REVISIONS :

DRAWN BY: JPM

CHECKED BY : JIK

PROJECT NO. 2412 DATE: 05/07/25

SHEET TITLE : PARTIAL ENLARGED POWER PLAN

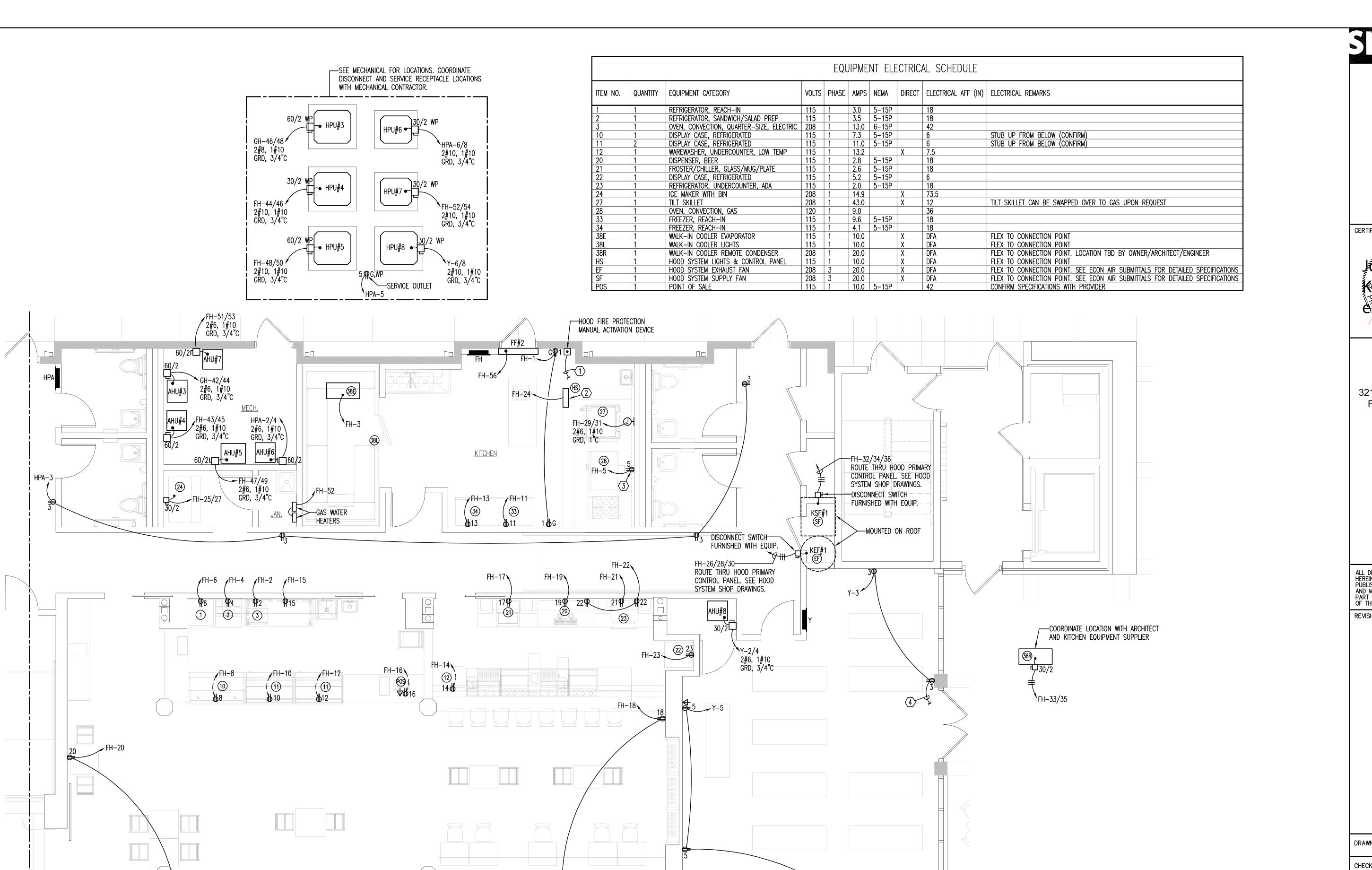
SHEET NO. :

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2024 SMP ARCHITECTURE

KLOCKE & ASSOCIATES, INC. -Consulting Engineers-51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989 C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

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



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PROJECT NO. 2412

DATE: 05/07/25

POWER PLAN

SHEET TITLE : PARTIAL ENLARGED

SHEET NO.:

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

KLOCKE & ASSOCIATES, INC. -Consulting Engineers-

51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989 C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

2024 SMP ARCHITECTURE

GFBFST20W)

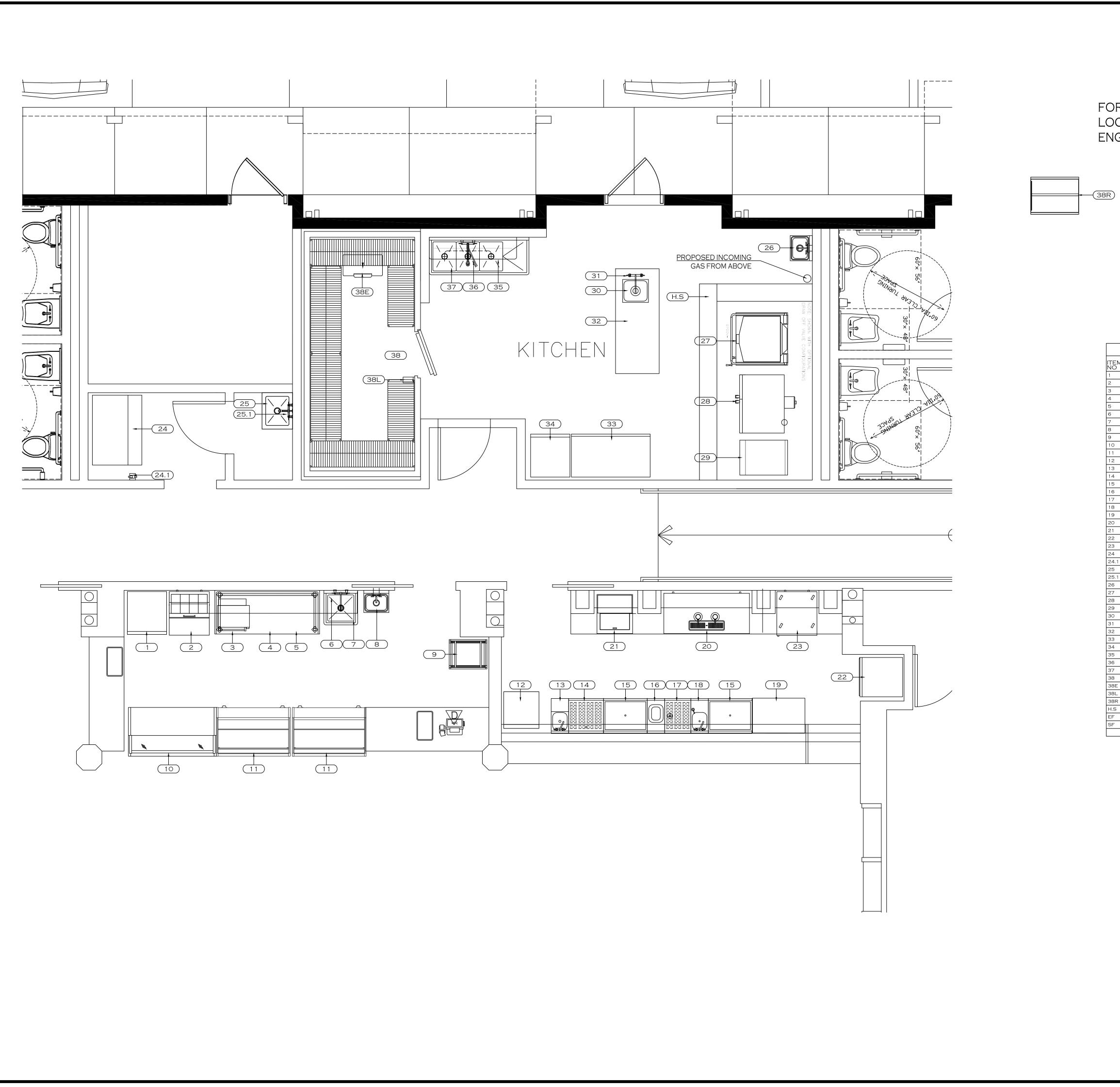
1)1/2"C WITH 4/C, 24VDC CABLE TO HOOD SYSTEM. SEE HOOD SHOP DRAWINGS.

3 ROUTE CIRCUIT THRU A FLUSH MOUNTED FACELESS GFCI DEVICE MOUNTED ADJACENT TO PANEL FH. LABEL "CONVECTION OVEN POWER RESET" (HUBBELL

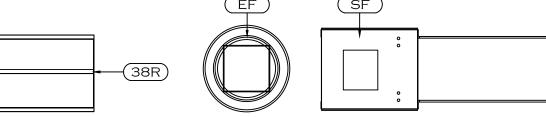
4 PROVIDE CONNECTION TO POWER ASSIST DOOR.

2 HOOD PRIMARY CONTROL PANEL.

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



FOR REFERENCE ONLY.
LOCATION TBD BY ARCHITECT,
ENGINEER AND/OR OWNER.



		EQUIPMENT SCHEDULE
ITEM	1	
NO	QTY	EQUIPMENT CATEGORY
1	1	REFRIGERATOR, REACH-IN
2	1	REFRIGERATOR, SANDWICH/SALAD PREP
3	1	OVEN, CONVECTION, QUARTER-SIZE, ELECTRIC
4	1	TABLE, BAKER'S W/SPLASH
5	1	SHELF, WALL MOUNT
6	1	FAUCET, WALL MOUNT
7	1	SINK, NSF, 1 COMP, 16 GAUGE
8	1	HAND SINK, WALL MOUNT
9	1	RACK, PAN
10	1	DISPLAY CASE, REFRIGERATED
11	2	DISPLAY CASE, REFRIGERATED
12	1	WAREWASHER, UNDERCOUNTER, LOW TEMP
13	1	UNDERBAR BLENDER STATION
14	1	UNDERBAR GLASS RACK
15	2	UNDERBAR ICE CHEST
16	1	UNDERBAR DRY WASTE
17	1	UNDERBAR FILLERS & DRAINBOARDS
18	1	UNDERBAR HANDSINK W/SOAP & TOWEL DISPENSERS
19	1	TABLE, WORK,
20	1	DISPENSER, BEER
21	1	FROSTER/CHILLER, GLASS/MUG/PLATE
22	1	DISPLAY CASE, REFRIGERATED
23	1	REFRIGERATOR, UNDERCOUNTER, ADA
24	1	ICE MAKER W/ BIN
24.1	1	WATER FILTER, ICE MACHINE
25	1	SINK, MOP
25.1	1	SERVICE FAUCET
26	1	HAND SINK, WALL MOUNT
27	1	TILT SKILLET
28	1	OVEN, CONVECTION, GAS
29	1	HOT PLATE, GAS
30	1	SINK, WELDED INTO TABLE
31	1	FAUCET, DECK MOUNT
32	1	TABLE, WORK, S/S 6' LONG
33	1	FREEZER, REACH-IN
34	1	FREEZER, REACH-IN
35	1	POT RACK, WALL MOUNT
36	1	PRE-RINSE FAUCET, WALL MOUNT
37	1	SINK, NSF, 3 COMP, 16 GAUGE
38	1	WALK IN COOLER PANELS
38E	1	WALK IN COOLER EVAPORATOR
38L	1	WALK IN COOLER LIGHTS
38R	1	WALK IN COOLER REMOTE CONDENSER
H.S	1	HOOD SYSTEM PACKAGE
EF	1	HOOD SYSTEM EXHAUST FAN
<u></u> —1 ′	1 1	I I OOD STSTEM EATIAUST FAM

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FINAL APPROVAL OF EQUIPMENT AND DESIGN.		

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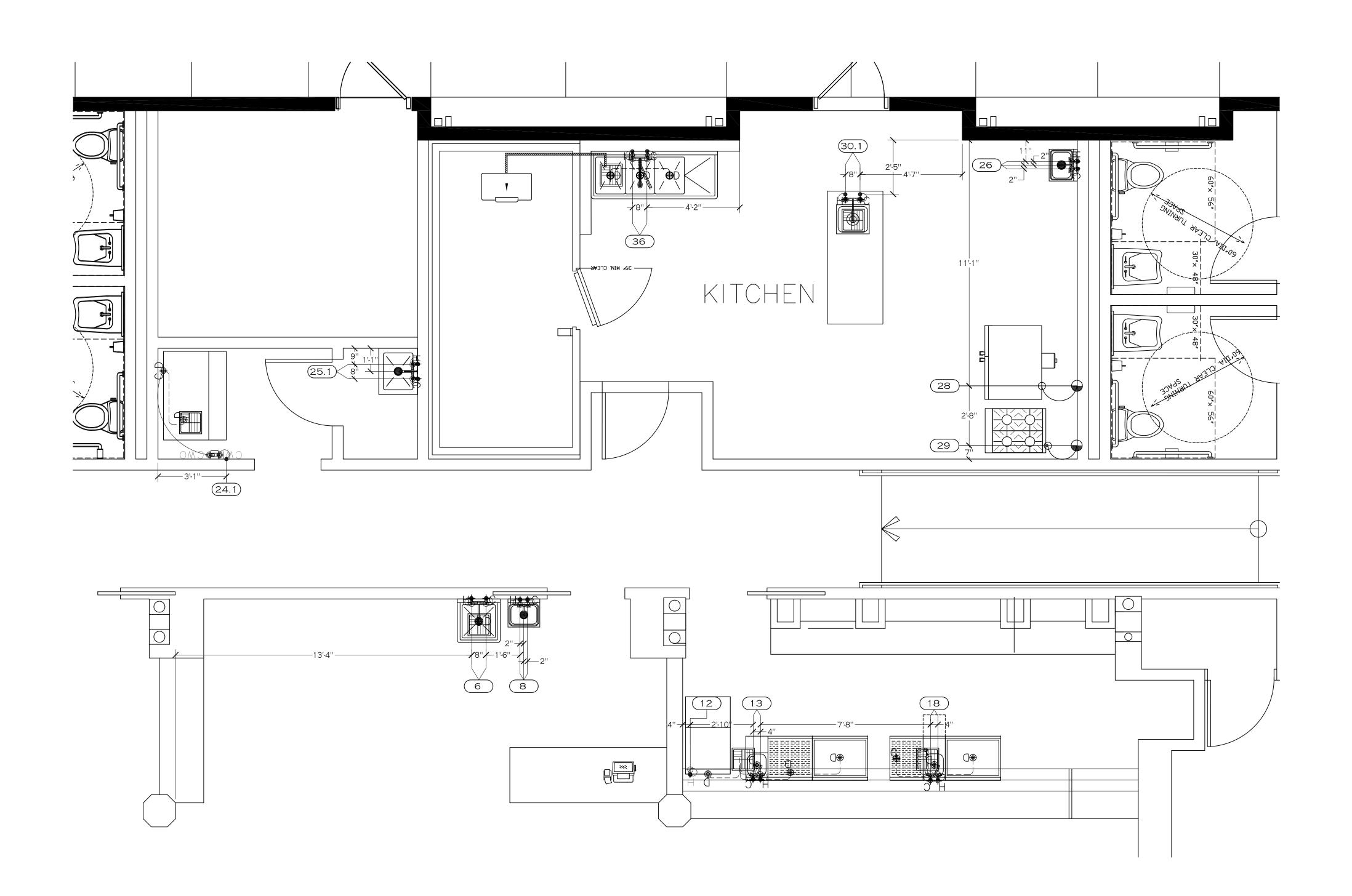
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	EQUIPMENT PLUMBING SCHEDULE										
ITEM NO		EQUIPMENT CATEGORY	COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	COLD WATER AFF (IN)	HOT WATER AFF (IN)	DIRECT DRAIN SIZE (IN)	INDIR DRAIN SIZE (IN)	GAS SIZE (IN)	MBTUH	PLUMBING REMARKS
6	1	FAUCET, WALL MOUNT	0.5	0.5	18	18					
7	1	SINK, NSF, 1 COMP, 16 GAUGE						2			DRAIN INDIRECT TO FLOOR SINK
8	1	HAND SINK, WALL MOUNT	0.5	0.5	21	21	1.5				
12	1	WAREWASHER, UNDERCOUNTER, LOW TEMP		0.5		3.25		1.375			DRAIN INDIRECT TO FLOOR SINK
13	1	UNDERBAR BLENDER STATION	0.5	0.5	21	21		1.5			DRAIN INDIRECT TO FLOOR SINK
14	1	UNDERBAR GLASS RACK						1			DRAIN INDIRECT TO FLOOR SINK
15	2	UNDERBAR ICE CHEST						1			DRAIN INDIRECT TO FLOOR SINK
17	1	UNDERBAR FILLERS & DRAINBOARDS						1			DRAIN INDIRECT TO FLOOR SINK
18	1	UNDERBAR HANDSINK W/SOAP & TOWEL DISPENSERS	0.5	0.5			1.5				CONFIRM DRAINAGE W/ PLUMBING ENGINEER
22	1	DISPLAY CASE, REFRIGERATED						0.5			
24	1	ICE MAKER W/ BIN						0.5			INCOMING WATER FROM WATER FILTER (#24.1)
24.1	1	FILTER SYSTEM, ICEMAKER	0.375		54			0.375			
25	1	SINK, MOP					2				
25.1	1	SERVICE FAUCET	0.5	0.5	36	36					
26	1	HAND SINK, WALL MOUNT	0.5	0.5	21	21	1.5				
28	1	OVEN, CONVECTION, GAS							0.75	44	
29	1	HOT PLATE, GAS							0.75	120	
31	1	FAUCET, DECK MOUNT	0.5	0.5							
36	1	PRE-RINSE FAUCET, WALL MOUNT	0.5	0.5	18	18					
37	1	SINK, NSF, 3 COMP, 16 GAUGE						2			
38E	1	WALK IN COOLER EVAPORATOR						1			DRAIN INDIRECT TO FLOOR SINK

## PLUMBING GENERAL NOTES

SEE EQUIPMENT PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION
P.C. TO PROVIDE ALL ROUGH IN AND FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN HEREIN



SOLID DOT REPRESENTS ROUGH IN LOCATION.
(FURNISHED BY P.C.)
DOTTED LINE REPRESENTS FINAL CONNECTION.
(FURNISHED BY P.C.)

CIRCLE REPRESENTS CONNECTION TO EQUIPMENT. (FURNISHED BY P.C.)

PLUMBING CONTRACTOR (P.C.) TO KEEP ALL PLUMBING LINES CLEAR OF WALL BACKING AREAS.

P.C. TO INSTALL REGULATORS AS REQUIRED.

P.C. TO VERIFY PLUMBING REQUIREMENTS AND LOCATIONS FOR EQUIPMENT SUPPLIED BY OTHERS.

PLUMBING LEGEND						
	SYMBOLS		ABBREVIATIONS			
$\Diamond$	HOT WATER	HW	HOT WATER			
0	COLD WATER	CW	COLD WATER			
	DIRECT DRAIN	DR	DRAIN			
	FLOOR SINK	AFF	ABOVE FINISHED FLOOR			
•	GAS CONNECTION	FS	FLOOR SINK			
$\sim$	FLEX CONNECT HOSE					
	PLUMBING INTERCONNECTION					
	INDIRECT WASTE					
$\oplus$	DRAIN					
	FLOOR DRAIN					

NOTE A: BACKFLOW PREVENTERS ARE TO BE SUPPLIED AND INSTALLED BY PLUMBER ON ALL EQUIPMENT WHERE REQUIRED BY LOCAL CODE.

NOTE B: PRESSURE REDUCING VALVE BY OTHERS IF REQUIRED.

NOTE C: P.C. TO EXTEND AND CONNECT ALL PLUMBING LINES TO CONNECTION POINTS OF FOOD SERVICE EQUIPMENT

NOTE D: P.C. TO FURNISH AND INSTALL LINE SHUT OFF VALVES ON ALL PLUMBING FIXTURES.

NOTE E: P.C. TO EXTEND WATER LINES THROUGH VACUUM BREAKERS WHERE INLETS ARE SUBJECT TO SUBMERSION.

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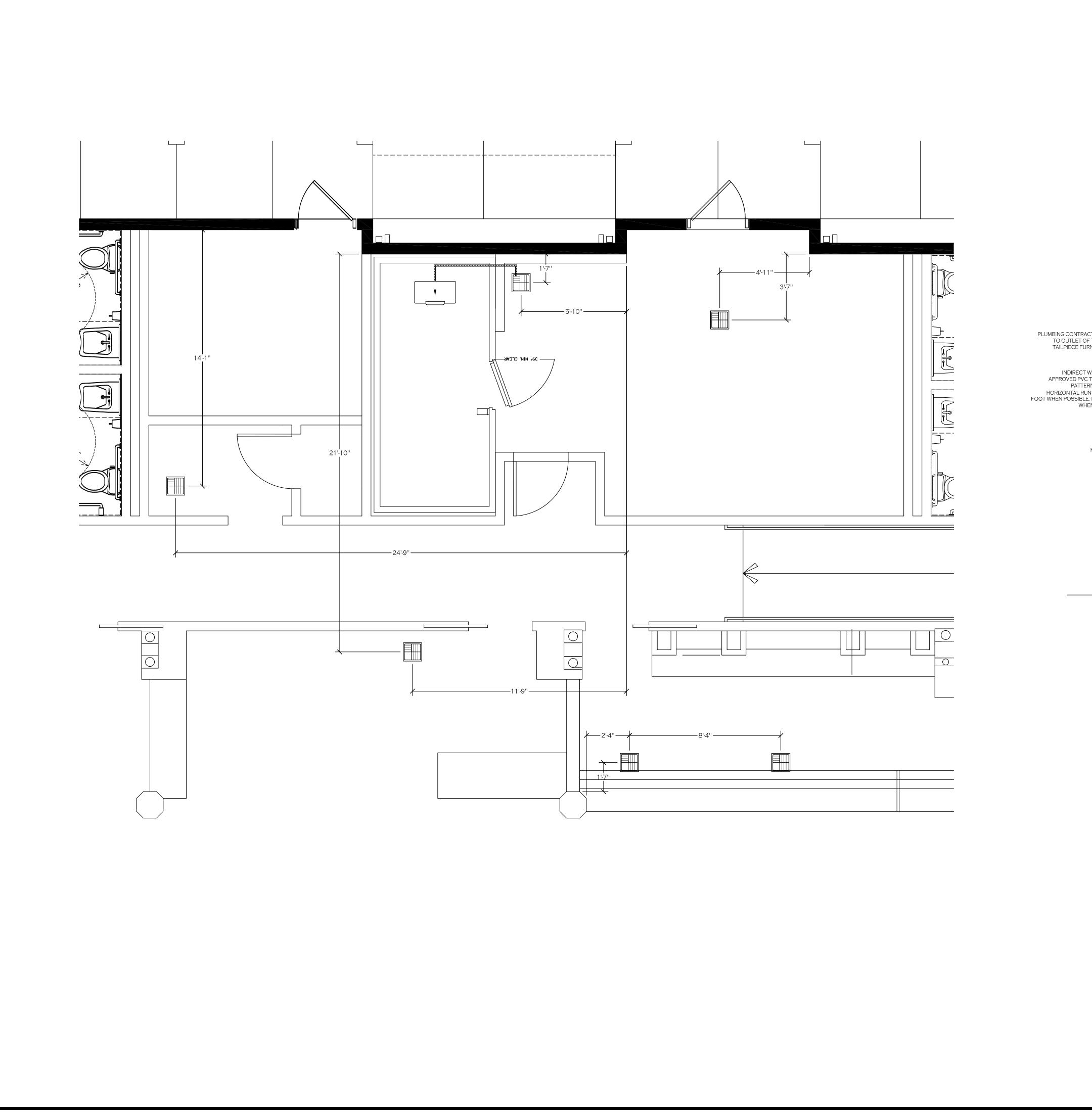
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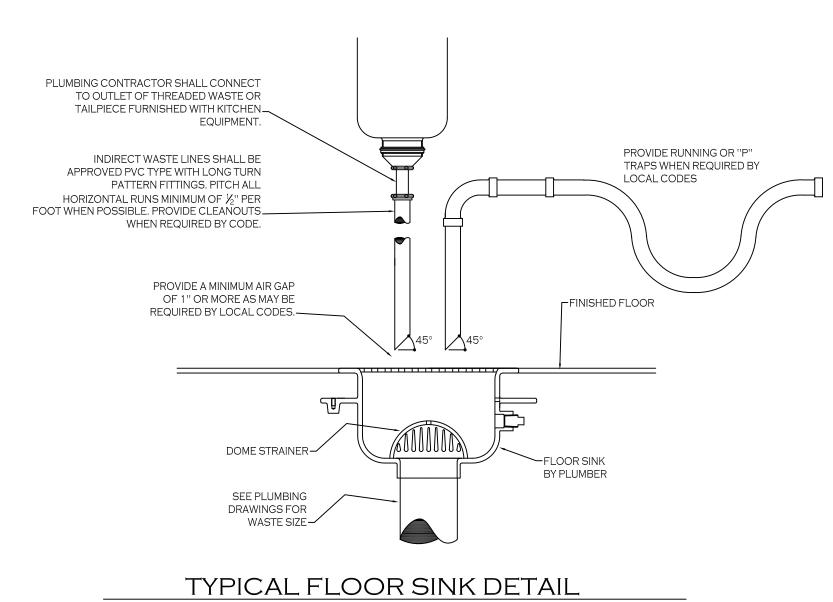
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PLUMBING ROUGH IN CONNECTION

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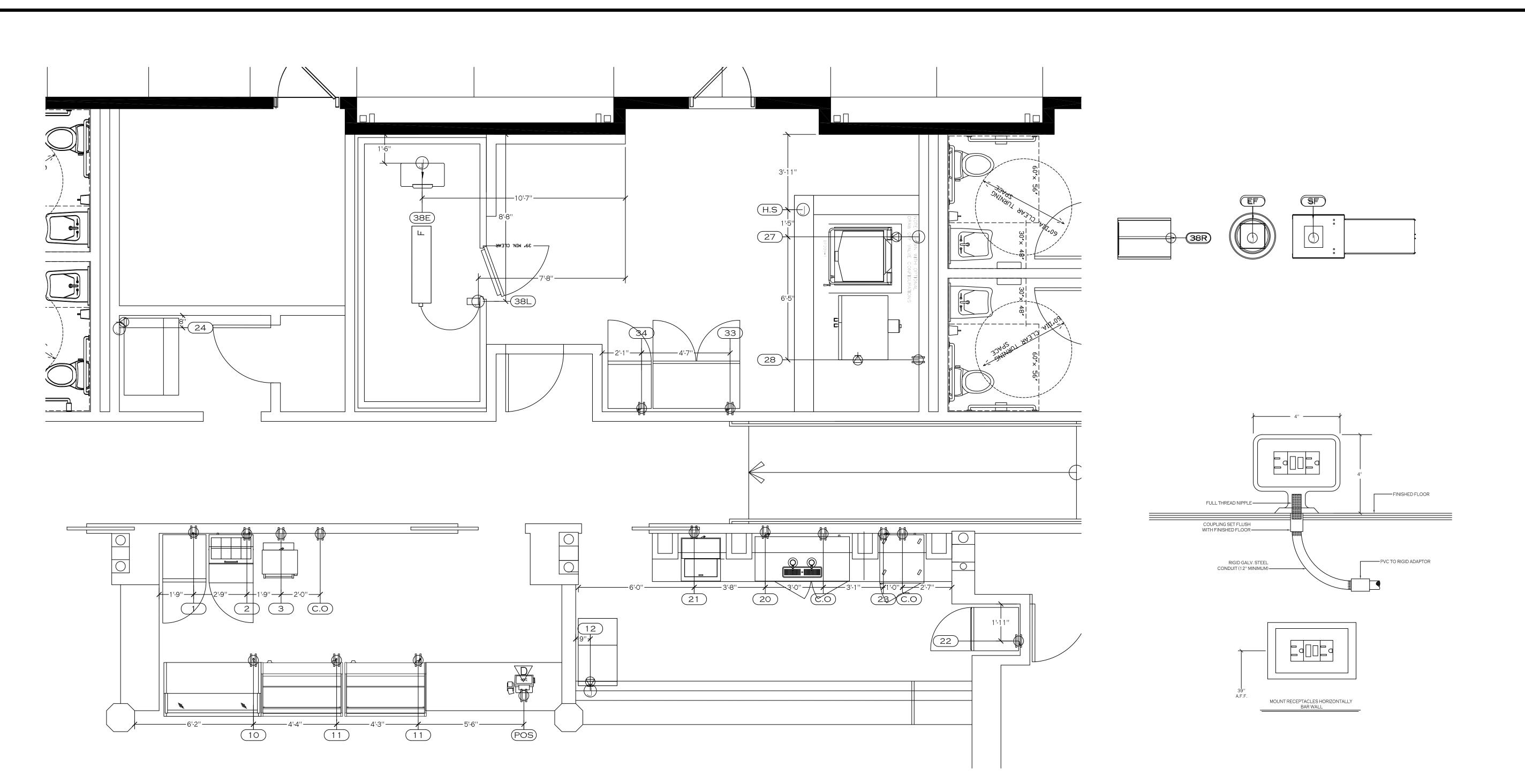
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SHEET TITL	<u>-E:</u>
FLOOR S	SINK ROUGH IN LOCATION

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EQUIPMENT ELECTRICAL SCHEDULE								
ITEM NO	I QTY	EQUIPMENT CATEGORY	VOLTS	PHASE	AMPS	NEMA	DIRECT ELECTRICAL AFF (IN)	ELEC REMARKS
1	1	REFRIGERATOR, REACH-IN	115	1	3.0	5-15P	18	
2	1	REFRIGERATOR, SANDWICH/SALAD PREP	115	1	3.5	5-15P	18	
3	1	OVEN, CONVECTION, QUARTER-SIZE, ELECTRIC	208	1	13.0	6-15P	42	
10	1	DISPLAY CASE, REFRIGERATED	115	1	7.3	5-15P	6	STUB UP FROM BELOW (CONFIRM)
1 1	2	DISPLAY CASE, REFRIGERATED	115	1	11.0	5-15P	6	STUB UP FROM BELOW (CONFIRM)
12	1	WAREWASHER, UNDERCOUNTER, LOW TEMP	115	1	13.2		X 7.5	
20	1	DISPENSER, BEER	115	1	2.8	5-15P	18	
21	1	FROSTER/CHILLER, GLASS/MUG/PLATE	115	1	2.6	5-15P	18	
22	1	DISPLAY CASE, REFRIGERATED	115	1	5.2	5-15P	6	
23	1	REFRIGERATOR, UNDERCOUNTER, ADA	115	1	2.0	5-15P	18	
24	1	ICE MAKER W/ BIN	208	1	14.9		X 73.5	
27	1	TILT SKILLET	208	1	43.0		X 12	TILT SKILLET CAN BE SWAPPED OVER TO GAS UPON REQUEST.
28	1	OVEN, CONVECTION, GAS	120	1	9.0		36	
33	1	FREEZER, REACH-IN	115	1	9.6	5-15P	18	
34	1	FREEZER, REACH-IN	115	1	4.1	5-15P	18	
38E	1	WALK IN COOLER EVAPORATOR	115	1	10.0		X DFA	FLEX TO CONNECTION POINT.
38L	1	WALK IN COOLER LIGHTS	115	1	10.0		X DFA	FLEX TO CONNECTION POINT.
38R	1	WALK IN COOLER REMOTE CONDENSER	208	1	20.0		X DFA	FLEX TO CONNECTION POINT. LOCATION TBD BY OWNER/ARCHITECT/ENGINEER
H.S	1	HOOD SYSTEM LIGHTS & CONTROL PANEL	115	1	10.0		X DFA	FLEX TO CONNECTION POINT.
EF	1	HOOD SYSTEM EXHAUST FAN	208	3	20.0		X DFA	FLEX TO CONNECTION POINT. SEE ECON AIR SUBMITTALS FOR DETAILED SPECIFICATIONS
SF	1	HOOD SYSTEM SUPPLY FAN	208	3	20.0		X DFA	FLEX TO CONNECTION POINT. SEE ECON AIR SUBMITTALS FOR DETAILED SPECIFICATIONS
C.O	1	CONVENIENCE OUTLET	115	1	20.0	5-20R	42	
POS	1	POINT OF SALE	115	1	10.0	5-15P	42	CONFIRM SPECIFICATIONS WITH PROVIDER

ELECTRICAL LEGEND						
SYMBOLS			ABBREVIATIONS			
$\bigcirc$	JUNCTION BOX (J-BOX)	А	AMPERES			
$\triangleright$	DATA LINE CONNECTION	V	VOLTS			
<b>#</b>	DUPLEX ELECTRICAL OUTLET (DCO)	W	WATTS			
	QUADPLEX ELECTRICAL OUTLET (DCO)	PH	PHASE			
$\bigoplus$	SINGLE ELECTRICAL OUTLET (SCO)		ABOVE FINISHED FLOOR			
			FA DOWN FROM ABOVE			
F	FLUORESCENT LIGHT FIXTURE	втс	BRANCH TO CONNECTION POINT AND CONNECT EQUIP.			
\$	SWITCH AS NOTED	HP	HORSE POWER			
		KW	KILOWATTS			
			DIRECT CONNECTION			
			KITCHEN EQUIPMENT CONTRACTOR			
			ELECTRICAL CONTRACTOR			
C		C.O.	CONVENIENCE OUTLET 120 VOLT 1 PH 20.0A			

 $\underline{\text{NOTE A}}$ : LOCATION OF REMOTE COMPRESSORS LISTED IN SCHEDULE TO BE COORDINATED BETWEEN THE ARCHITECT, GC AND ELECTRICIAN.

G.C/ELECTRICIAN TO SUPPLY PITCH CUPS (ROOF PENETRATIONS) & SLEEVES (WALL & FLOOR PENETRATIONS) FOR ALL PENETRATIONS NECESSARY TO RUN REFRIGERANT LINES FROM REMOTE COMPRESSOR TO EVAPORATOR OR HEAD UNIT. ELECTRICIAN TO PROVIDE & INSTALL ALL NECESSARY WIRING & ACCESSORIES TO CONNECT COOLER/FREEZER LIGHTS, EVAPORATORS AND CONDENSERS.

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FOOD SERVICE LAYOUT
FOOD SERVICE LATOUT
DATE:

SHEET TITLE:
ELECTRICAL ROUGH IN CONNECTION

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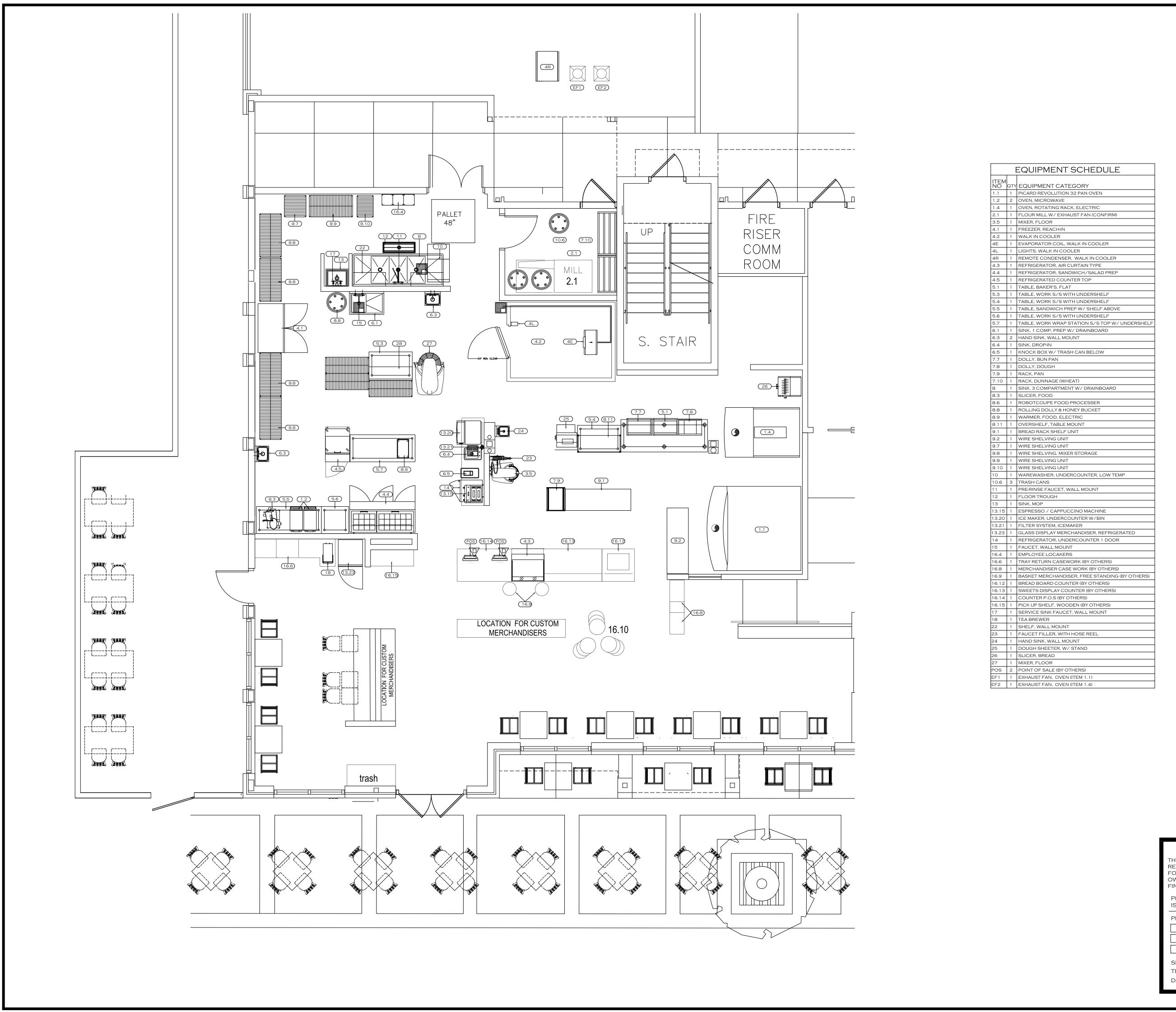
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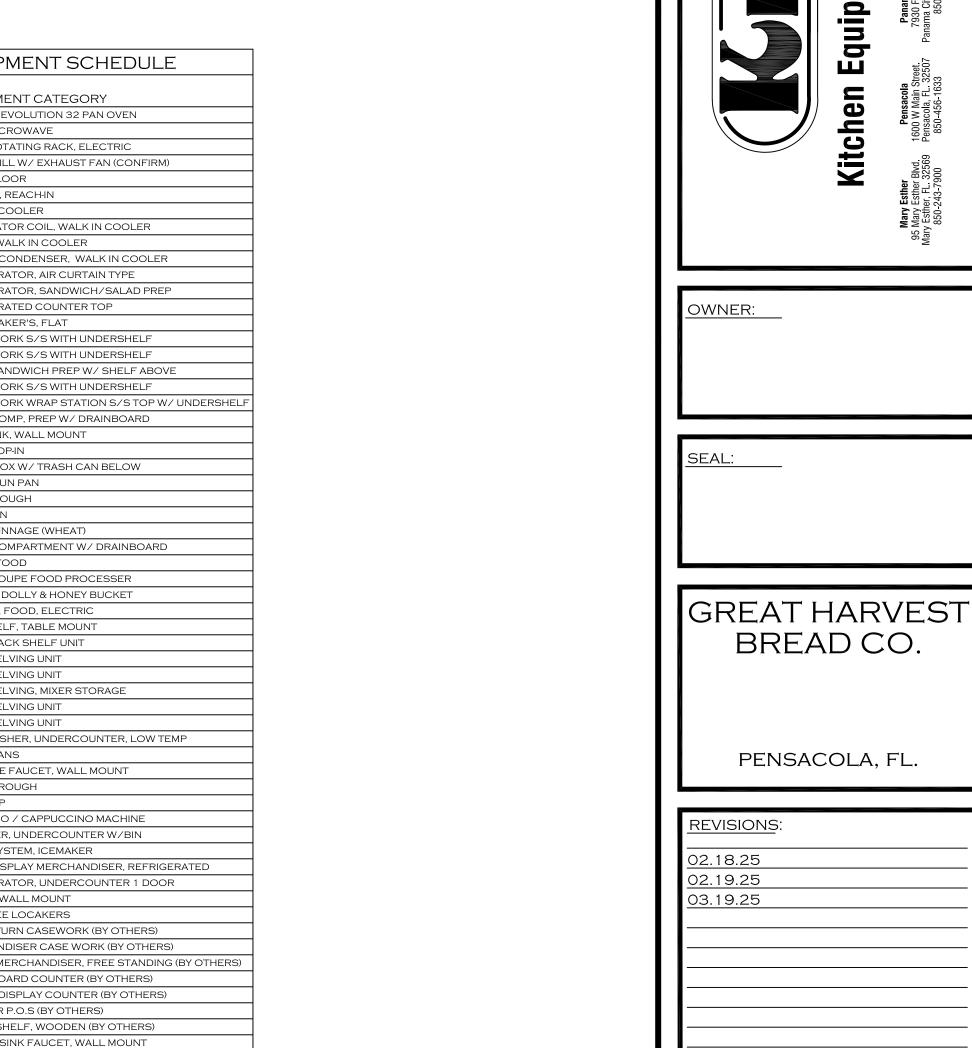
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SSUED FOR: FOOD SERVICE LAYOUT DATE: 02.07.25

SHEET TITLE:

FOODSERVICE LAYOUT

Supply

Equipment

Kitchen

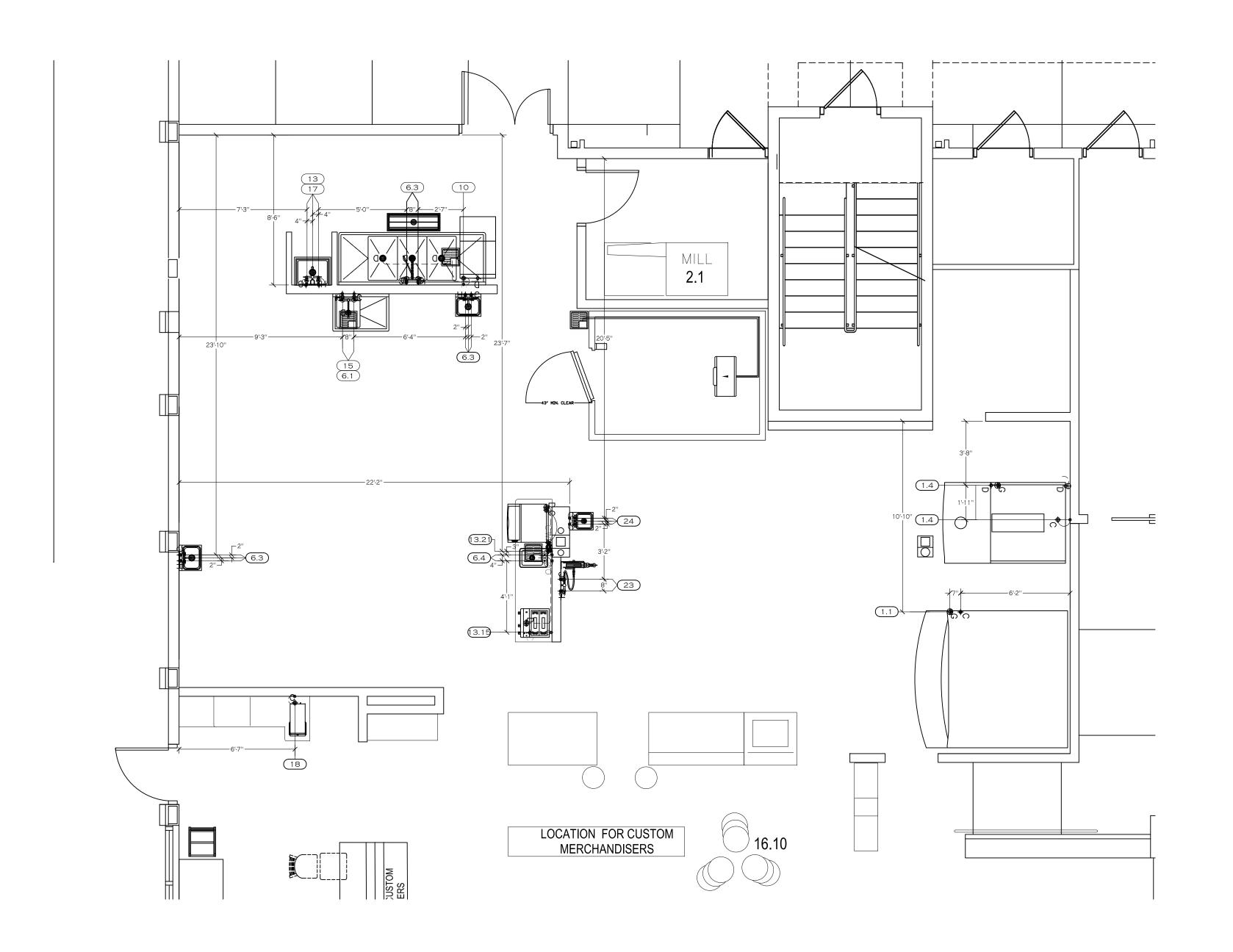
BREAD CO.

PENSACOLA, FL.

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# PLUMBING GENERAL NOTES

SEE EQUIPMENT PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION
P.C. TO PROVIDE ALL ROUGH IN AND FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN HEREIN

SOLID DOT REPRESENTS ROUGH IN LOCATION.
(FURNISHED BY P.C.)
DOTTED LINE REPRESENTS FINAL CONNECTION.
(FURNISHED BY P.C.)

(FURNISHED BY P.C.)

CIRCLE REPRESENTS CONNECTION TO EQUIPMENT.

(FURNISHED BY P.C.)

PLUMBING CONTRACTOR (P.C.) TO KEEP ALL PLUMBING LINES CLEAR OF WALL BACKING AREAS.

P.C. TO INSTALL REGULATORS AS REQUIRED.

P.C. TO VERIFY PLUMBING REQUIREMENTS AND LOCATIONS
FOR EQUIPMENT SUPPLIED BY OTHERS.

	PLUMBING LEGEND								
	SYMBOLS		ABBREVIATIONS						
$\Diamond$	HOT WATER	HW	HOT WATER						
0	COLD WATER	CW	COLD WATER						
	DIRECT DRAIN	DR	DRAIN						
	FLOOR SINK	AFF	ABOVE FINISHED FLOOR						
•	GAS CONNECTION	FS	FLOOR SINK						
$\sim$	FLEX CONNECT HOSE								
	PLUMBING INTERCONNECTION								
	INDIRECT WASTE								
$\oplus$	DRAIN								
	FLOOR DRAIN (QUANTITY AND LOCATION BY A	ENGINEER							

NOTE A: BACKFLOW PREVENTERS ARE TO BE SUPPLIED AND INSTALLED BY PLUMBER ON ALL EQUIPMENT WHERE REQUIRED BY LOCAL CODE.

NOTE B: PRESSURE REDUCING VALVE BY OTHERS IF REQUIRED.

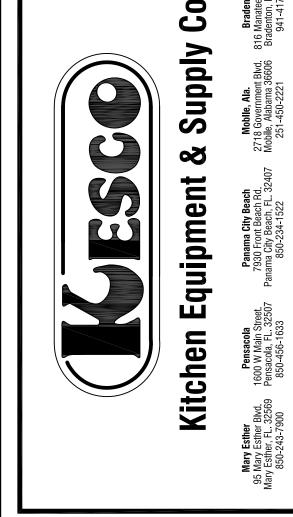
NOTE C: P.C. TO EXTEND AND CONNECT ALL PLUMBING LINES TO CONNECTION POINTS OF FOOD SERVICE EQUIPMENT

NOTE D: P.C. TO FURNISH AND INSTALL LINE SHUT OFF VALVES ON ALL PLUMBING FIXTURES.

NOTE E: P.C. TO EXTEND WATER LINES THROUGH VACUUM BREAKERS WHERE INLETS ARE SUBJECT TO SUBMERSION.

		EQUIPMEN	T PI	_UN	ИΒІ	NG	SS	CHE	DU	LE	
ITEM NO		EQUIPMENT CATEGORY	COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	COLD WATER AFF (IN)	HOT WATER AFF (IN)	DIRECT DRAIN SIZE (IN)	INDIR DRAIN SIZE (IN)	GAS SIZE (IN)	TOTAL MBTU	PEE RETAILED SPECIFICATIONS REMARKS
1.1	1	OVEN, PICARD GAS	0.25		94				3/4"	250K	
1.4	1	OVEN, ROTATING RACK, GAS	0.5		94			0.5	1''	180K	5"-14" W.C GAS CONNECTION 1" NPT @102" AFF
4E	1	EVAPORATOR COIL, WALK IN COOLER						0.75			DRAIN INDIRECT TO FLOOR SINK DRAIN
4.3	1	REFRIGERATOR, AIR CURTAIN TYPE						0.75			
6.1	1	SINK, 1 COMP, PREP W/ DRAINBOARD	0.5	0.5	18	18		1.75			DRAIN INDIRECT TO FLOOR SINK
6.3	2	HAND SINK, WALL MOUNT	0.5	0.5	18	18	1.5				
6.4	1	SINK, DROP-IN	0.5	0.5	18	18		1.5			
8	1	SINK, 3 COMPARTMENT W/ DRAINBOARD						2			DRAIN INDIRECT TO FLOOR SINK
10	1	WAREWASHER, UNDERCOUNTER, LOW TEMP		0.5		3.25		1.375			CONFIRM SPECS WITH PROVIDER
1 1	1	PRE-RINSE FAUCET, WALL MOUNT	0.5	0.5	18	18					
12	1	FLOOR TROUGH DRAIN					4				
13	1	SINK, MOP					2				
13.15	1	ESPRESSO / CAPPUCCINO MACHINE	0.25		2			0.5			CONFIRM SPECS WITH PROVIDER
13.20	1	ICE MAKER, UNDERCOUNTER W/BIN	0.375		18			0.5			INCOMING WATER FROM WATER FILTER (ITEM 13.21)
13.21	1	FILTER SYSTEM, ICEMAKER	0.375		26						
15	1	FAUCET, WALL MOUNT	0.5	0.5	18	18					
17	1	SERVICE SINK FAUCET, WALL MOUNT	0.5	0.5	36	36					
18	1	TEA BREWER	0.375		26						CONFIRM SPECS WITH PROVIDER
23	1	HOSE REEL WITH SPRAY	0.5	0.5							
24	1	HAND SINK, WALL MOUNT	0.5	0.5	18	18	1.5				

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PENSACOLA, FL.

REVISIONS:
ISSUED FOR:

ISSUED FOR:

FOOD SERVICE LAYOUT

DATE: 02.07.25

SHEET TITLE:

PLUMBING ROUGH IN CONNECTION

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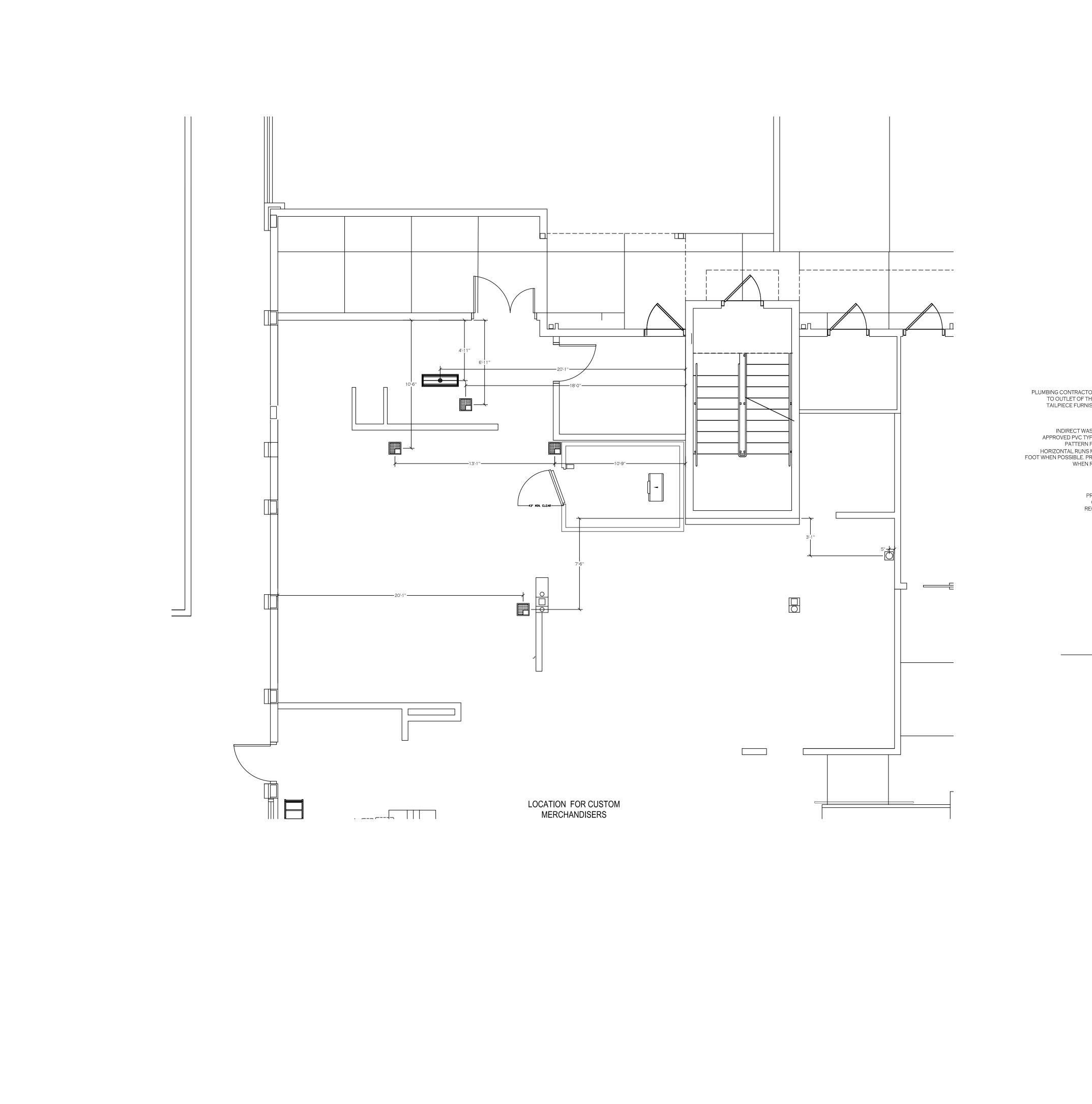
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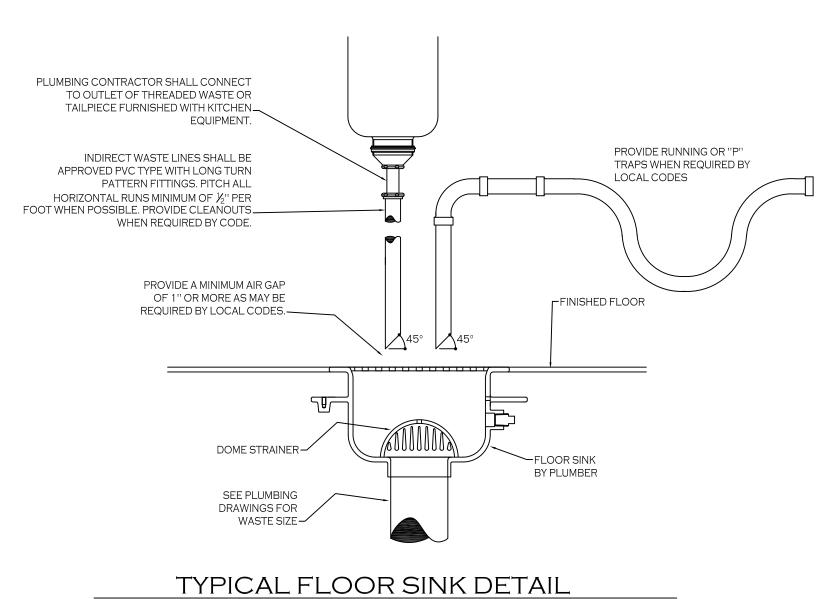
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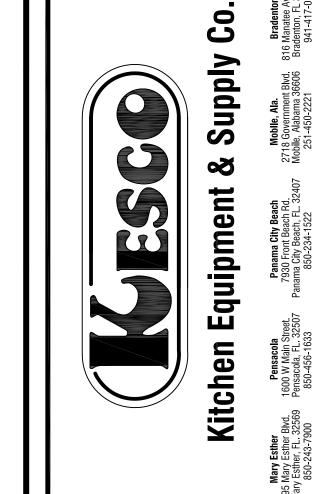






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FLOOR SINK ROUGH IN LOCATION

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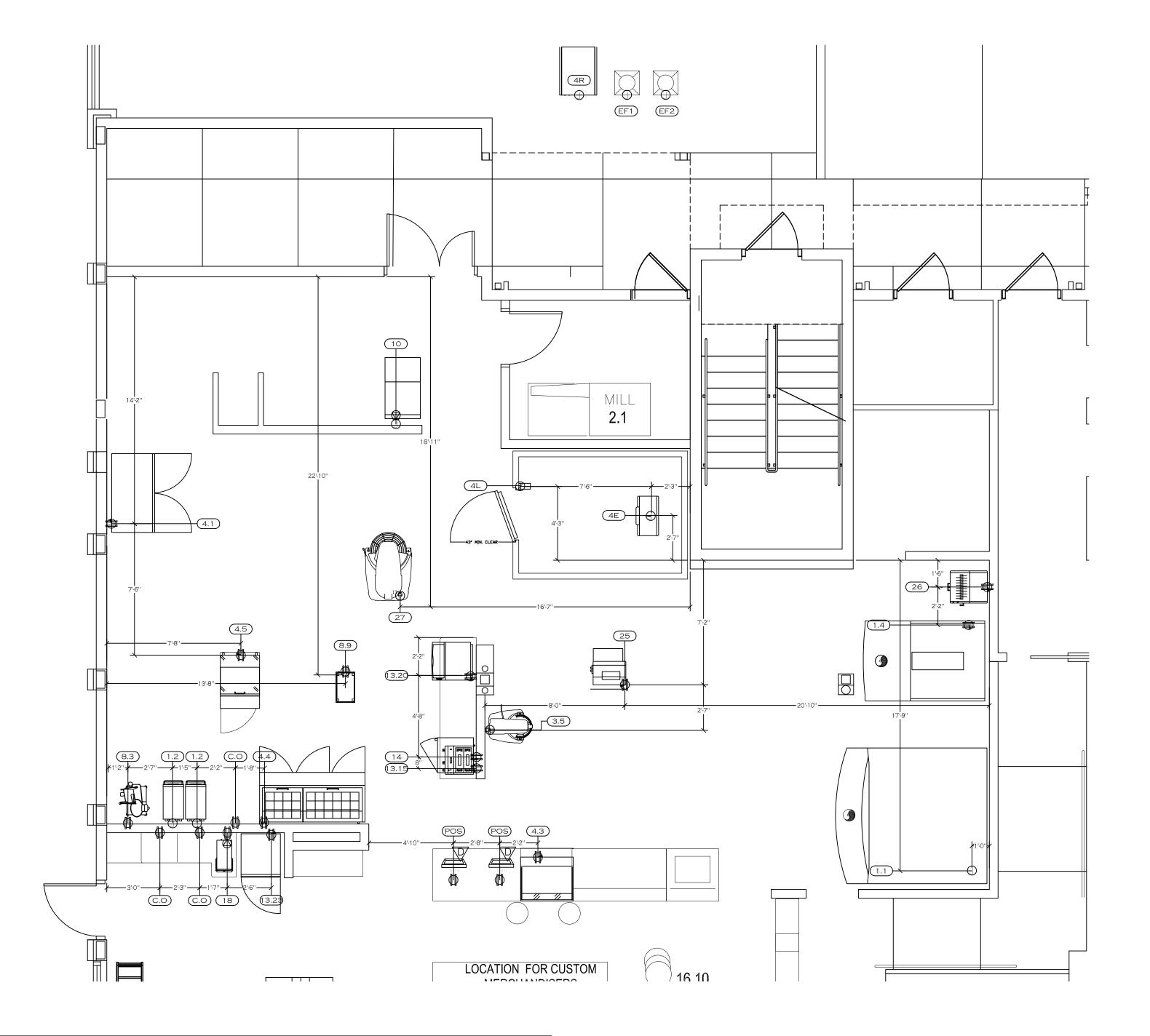
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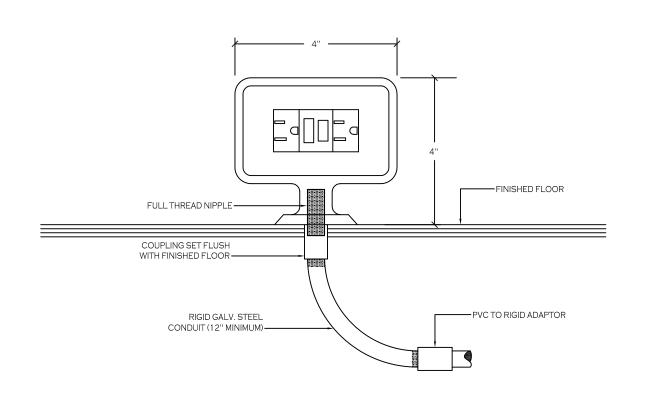
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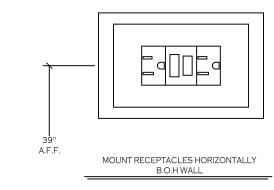
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JOB NO.:









		EQUIPMENT	ELEC'	ΤF	RIC	Αl	_ SCI	HI	ED	ULE
ITEM NO		EQUIPMENT CATEGORY	VOLTS	PHASE	AMPS	PLUG	NEMA	DIRECT	ELECTRICAL AFF (IN)	ELEC REMARKS
1.1	1	OVEN, PICARD GAS	208	1	11.0			Х	DFA	
1.2	2	OVEN, MICROWAVE	208/240	1	20.0	Х	6-20P		42	CORD AND PLUG FURNISHED
1.4	1	OVEN, ROTATING RACK, GAS	208/240	1	8.8			Х	DFA	ADDITIONAL 120V/60/1PH CONTROL CIRCUIT REQUIRED
3.5	1	MIXER, FLOOR	120	1	9.5	Х	5-15P		12	
4.1	1	FREEZER, REACH-IN	115	1	9.6	X	5-15P		12	
4E	1	EVAPORATOR COIL, WALK IN COOLER	115	1	0.8			Х	DFA	
4L	1	LIGHTS, WALK IN COOLER	115	1	0.8			Х	DFA	
4R	1	REMOTE CONDENSER, WALK IN COOLER	208	1	11.4			Х	DFA	SEE NOTE A.
4.3	1	REFRIGERATOR, AIR CURTAIN TYPE	115	1	9.4	Х	5-15P		4.5	
4.4	1	REFRIGERATOR, SANDWICH/SALAD PREP	115	1	10.3	Х	5-15P		12	
4.5	1	REFRIGERATED COUNTER TOP	115	1	2.0	Х	5-15P		12	
8.3	1	SLICER, FOOD	115	1	4.0	Х	5-15P		42	
8.9	1	WARMER, FOOD, ELECTRIC	120	1	5.8	Х	5-20P		2	
10	1	WAREWASHER, UNDERCOUNTER, LOW TEMP	115	1	13.2			Х	7.5	CONFIRM SPECS WITH PROVIDER
13.15	1	ESPRESSO / CAPPUCCINO MACHINE	220	1	22.0	Х	L6-30P		42	CONFIRM SPECS WITH PROVIDER
13.20	1	ICE MAKER, UNDERCOUNTER W/BIN	115	1	5.5	Х	5-15P		12	
13.23	1	GLASS DISPLAY MERCHANDISER, REFRIGERATED	115	1	5.4	Х	5-15P		12	
14	1	REFRIGERATOR, UNDERCOUNTER	115	1	2.0	Х	5-15P		12	
18	1	TEA BREWER	115	1	20.0	Х	5-20P		42	CONFIRM SPECS WITH PROVIDER
25	1	DOUGH ROLLER	115	1	8.8	Х	5-15P		12	
26	1	SLICER, BREAD	115	1	6.2	Х	5-15P		33	
27	1	MIXER, FLOOR	200	3	12.0				56	
EF1	1	EXHAUST FAN, OVEN (ITEM 1.1)	115	1	20.0					SEE NOTE B. LOCATION TBD BY ARCHITECT
EF2	1	EXHAUST FAN, OVEN (ITEM 1.4)	115	1	20.0					SEE NOTE C. LOCATION TBD BY ARCHITECT

## EXHAUST DUCT CONNECTION

	ELECTRICAL LEGEND							
	SYMBOLS	ABBREVIATIONS						
	JUNCTION BOX (J-BOX)	А	AMPERES					
$\nabla$	DATA LINE CONNECTION	V	VOLTS					
	DUPLEX ELECTRICAL OUTLET (DCO)	W	WATTS					
	QUADPLEX ELECTRICAL OUTLET (DCO)	PH	PHASE					
$\ominus$	SINGLE ELECTRICAL OUTLET (SCO)	AFF	ABOVE FINISHED FLOOR					
	EQUIPMENT INTERCONNECTION BY E.C.	DFA	DOWN FROM ABOVE					
F	FLUORESCENT LIGHT FIXTURE	втс	BRANCH TO CONNECTION POINT AND CONNECT EQUIP.					
\$	SWITCH AS NOTED	HP	HORSE POWER					
		KW	KILOWATTS					
		DC	DIRECT CONNECTION					
		K.E.C.	KITCHEN EQUIPMENT CONTRACTOR					
		E.C.	ELECTRICAL CONTRACTOR					
		C.O.	CONVENIENCE OUTLET 120 VOLT 1 PH 20.0A					

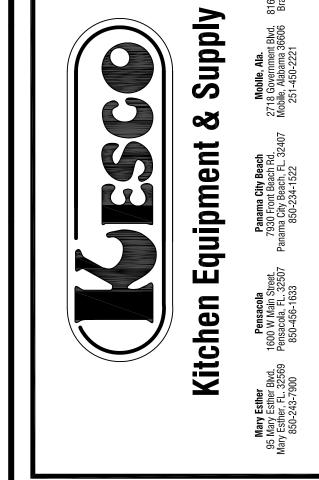
NOTE A: LOCATION OF REMOTE COMPRESSORS LISTED IN SCHEDULE TO BE COORDINATED BETWEEN THE ARCHITECT, GC AND ELECTRICIAN.

G.C/ELECTRICIAN TO SUPPLY PITCH CUPS (ROOF PENETRATIONS) & SLEEVES (WALL & FLOOR PENETRATIONS) FOR ALL PENETRATIONS NECESSARY TO RUN REFRIGERANT LINES FROM REMOTE COMPRESSOR TO EVAPORATOR OR HEAD UNIT. ELECTRICIAN TO PROVIDE & INSTALL ALL NECESSARY WIRING & ACCESSORIES TO CONNECT COOLER/FREEZER LIGHTS, EVAPORATORS AND CONDENSERS.

NOTE B: DUCT VENT TO BE 8" DIA. 1000 CFM REQUIRED AT DUCT COLLAR. SUPPLY AIR TO BE CALCULATED BY MECHANICAL ENGINEER. EXHAUST FAN TO BE WIRED TO OVEN CONTACTORS.

NOTE C: DUCT VENT TO BE 8" DIA. MINIMUM 690 CFM REQUIRED WITH 0.6 W.C STATIC PRESSURE DROP THROUGH HOOD. OVEN PROVIDED RELAY WITH MAXIMUM 10.0 AMP  $\frac{1}{2}$  H.P @ 120V FOR FAN OPERATION. SUPPLY AIR TO BE CALCULATED BY MECHANICAL ENGINEER.

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