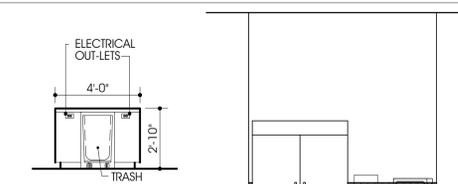
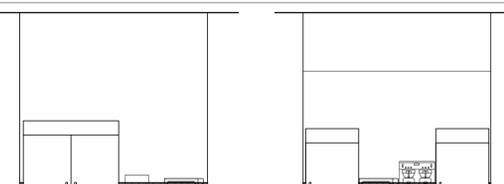


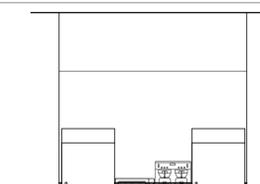
**15 KITCHEN ELEVATION**  
Scale: 1/4" = 1'-0"



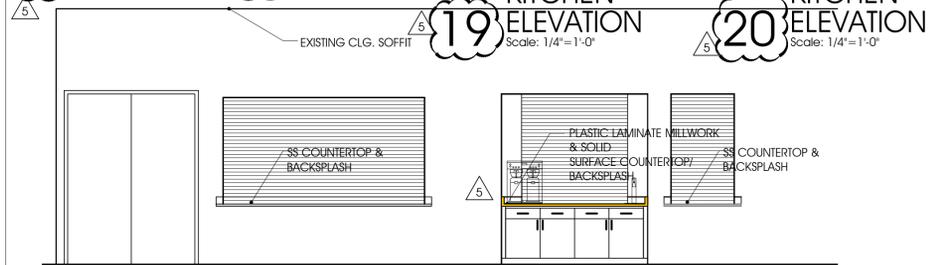
**16 KITCHEN ELEVATION**  
Scale: 1/4" = 1'-0"



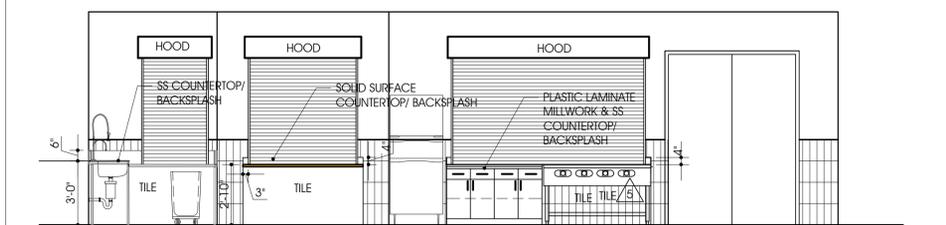
**19 KITCHEN ELEVATION**  
Scale: 1/4" = 1'-0"



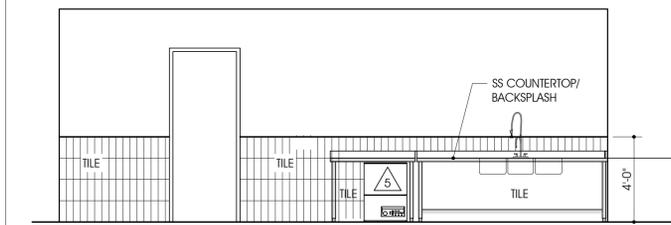
**20 KITCHEN ELEVATION**  
Scale: 1/4" = 1'-0"



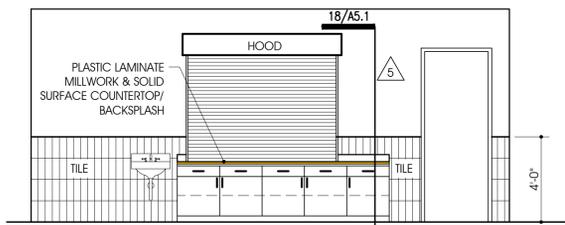
**9 ELEVATION - SERVING WINDOW, COFFEE**  
Scale: 1/4" = 1'-0"



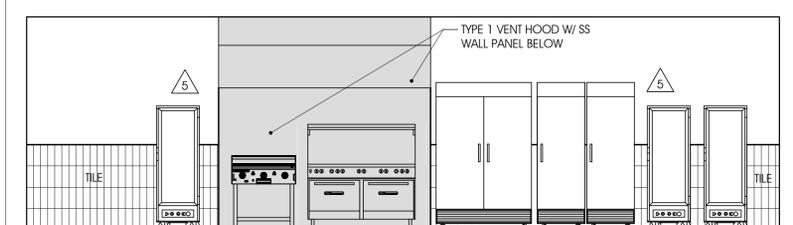
**8 ELEVATION - KITCHEN**  
Scale: 1/4" = 1'-0"



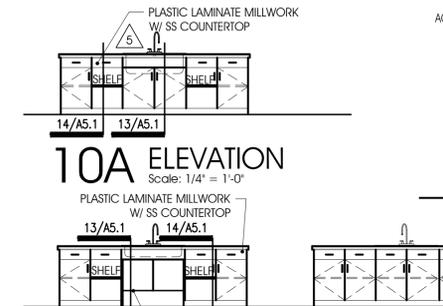
**6 ELEVATION - KITCHEN**  
Scale: 1/4" = 1'-0"



**7 ELEVATION - KITCHEN**  
Scale: 1/4" = 1'-0"



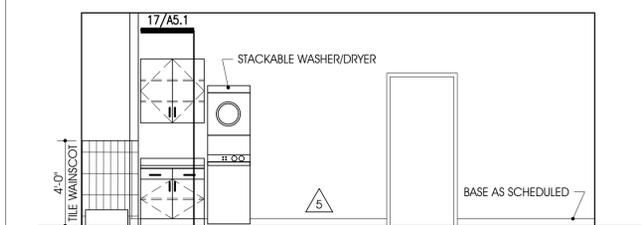
**5 ELEVATION - KITCHEN**  
Scale: 1/4" = 1'-0"



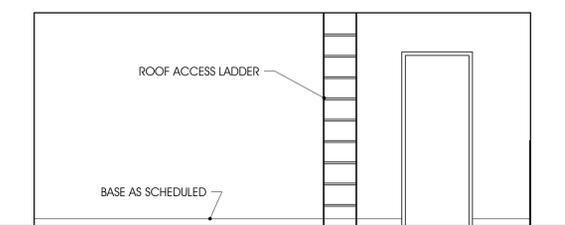
**10A ELEVATION**  
Scale: 1/4" = 1'-0"



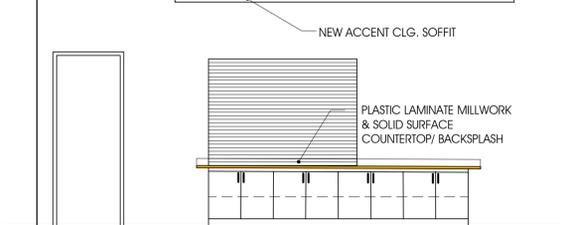
**11 ELEVATION**  
Scale: 1/4" = 1'-0"



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



**3 ELEVATION - PANTRY**  
Scale: 1/4" = 1'-0"

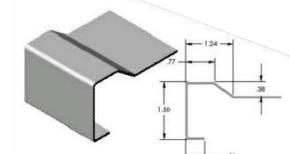


**4 ELEVATION - SERVING WINDOW**  
Scale: 1/4" = 1'-0"

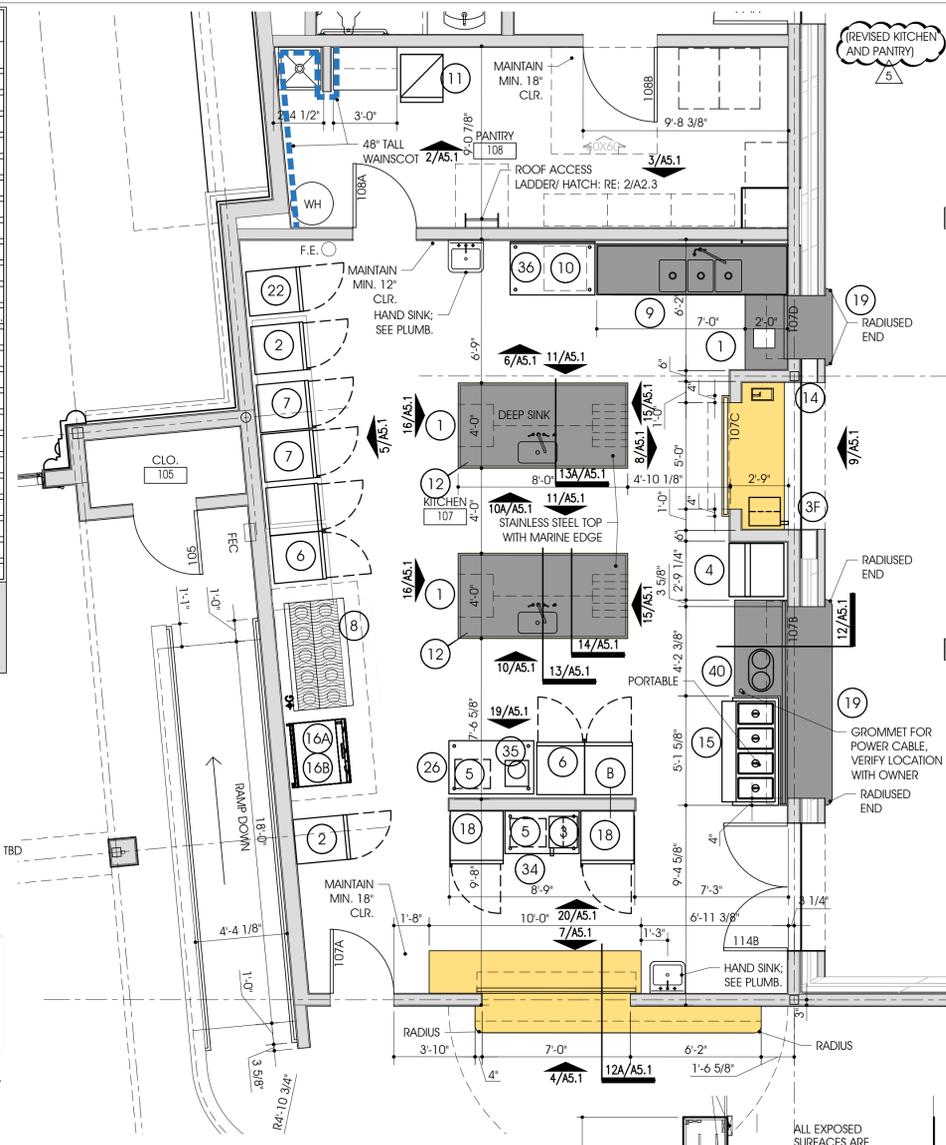
#	ITEM	NOTE	AMOUNT	NAME	DESCRIPTION
1	X		3	TRASH RECEPTACLE	OWNER SUPPLIED
2	X		1	PROOFER CABINET	ATOSA
3	X		1	COFFEE MACHINE	BUNN
4	X		1	ICE MAKER	ICE-O-MATIC
5	X		2	MICROWAVE	SHARP
6	X		2	REFRIGERATOR	TRUE MFG.
7	X		2	FREEZER	TRUE MFG.
8	X		1	10 BURN./CONV. OVEN	IMPERIAL
9	X		1	3 COMPARTMENT SINK	STAINLESS STEEL COUNTERTOP WITH INTEGRAL SINK, FAUCET
10	C		1	DISH WASHER	JACKSON
11	X		1	WASHER DRYER	STACKED CLOTHS WASHER AND DRYER WITH VENT
12	X		2	COUNTER/INTEG. SINK	STAINLESS STEEL COUNTER WITH INTEGRAL SINK OVER LAM. CAB.
14	C		1	GLASS FILLER STATION	T&S BRASS MODEL NO. 5GF-8P-W
15	X		1	PORTABLE WARMER	VOLRATH
16A/B	X		1	GRIDDLE	GAS GRIDDLE WITH STAND
18	X		2	MERCHANDISER	TRUE
19	X		1	COUNTERTOP	STAINLESS STEEL COUNTERTOP OVER LAMINATE CABINET
22	X		1	MOBILE HEATED CAB.	ATOSA
26	X		1	48X30 S.S. TABLE	JOHN BOOS
34	X		1	48X24 SHELF	OWNER PROVIDE STAINLESS STEEL COUNTER WITH LEGS
35	X		1	TABLE TOP MIXER	KITCHENAID
36	X		1	STAINLESS COUNTER	JOHN BOOS
40	X		1	DUAL FOOD WARMER	HATCO

**NOTES**  
 X : DENOTES KITCHEN EQUIPMENT ITEMS TO BE FURNISHED BY OWNER AND COORDINATED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO COORDINATE SIZES OF CABINETS WITH THE INFORMATION PROVIDED BY THE OWNER FOR EACH KITCHEN APPLIANCE.  
 C : DENOTES KITCHEN EQUIPMENT ITEMS THAT ARE PROVIDED AND INSTALLED BY CONTRACTOR.

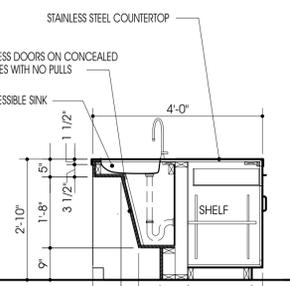
SOLID SURFACE COUNTERTOPS:  
 H/M/ACS, LX HAUSYS AMERICA, INC  
 3 CM., CLASSIC COLLECTION, COLOR: TBD



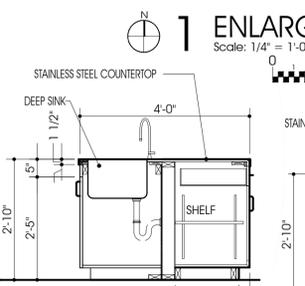
**MARINE EDGE DETAIL**  
Scale: N.T.S.



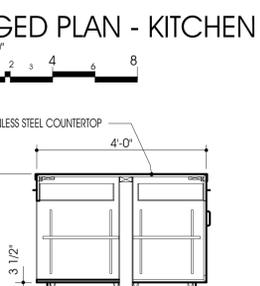
**1 ENLARGED PLAN - KITCHEN**  
Scale: 1/4" = 1'-0"



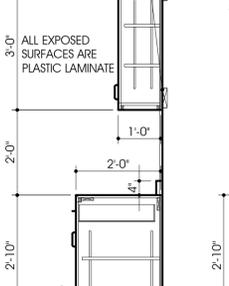
**13 SECTION**  
Scale: 1/2" = 1'-0"



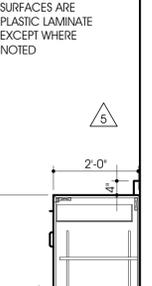
**13A SECTION**  
Scale: 1/2" = 1'-0"



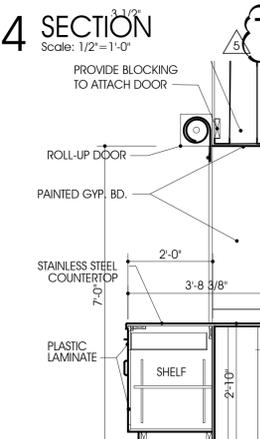
**14 SECTION**  
Scale: 1/2" = 1'-0"



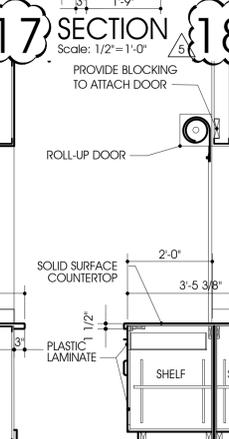
**17 SECTION**  
Scale: 1/2" = 1'-0"



**18 SECTION**  
Scale: 1/2" = 1'-0"



**12 SECTION**  
Scale: 1/2" = 1'-0"



**12A SECTION**  
Scale: 1/2" = 1'-0"

**ARCHITECTURE**  
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Phone: (817) 820-0005

**ST. JUDE CATHOLIC CHURCH**  
**PARISH HALL REMODEL & CONNECTOR**

500 E DALLAS ST.  
MANSFIELD, TX 76063

7/1/24 KITCHEN REV.

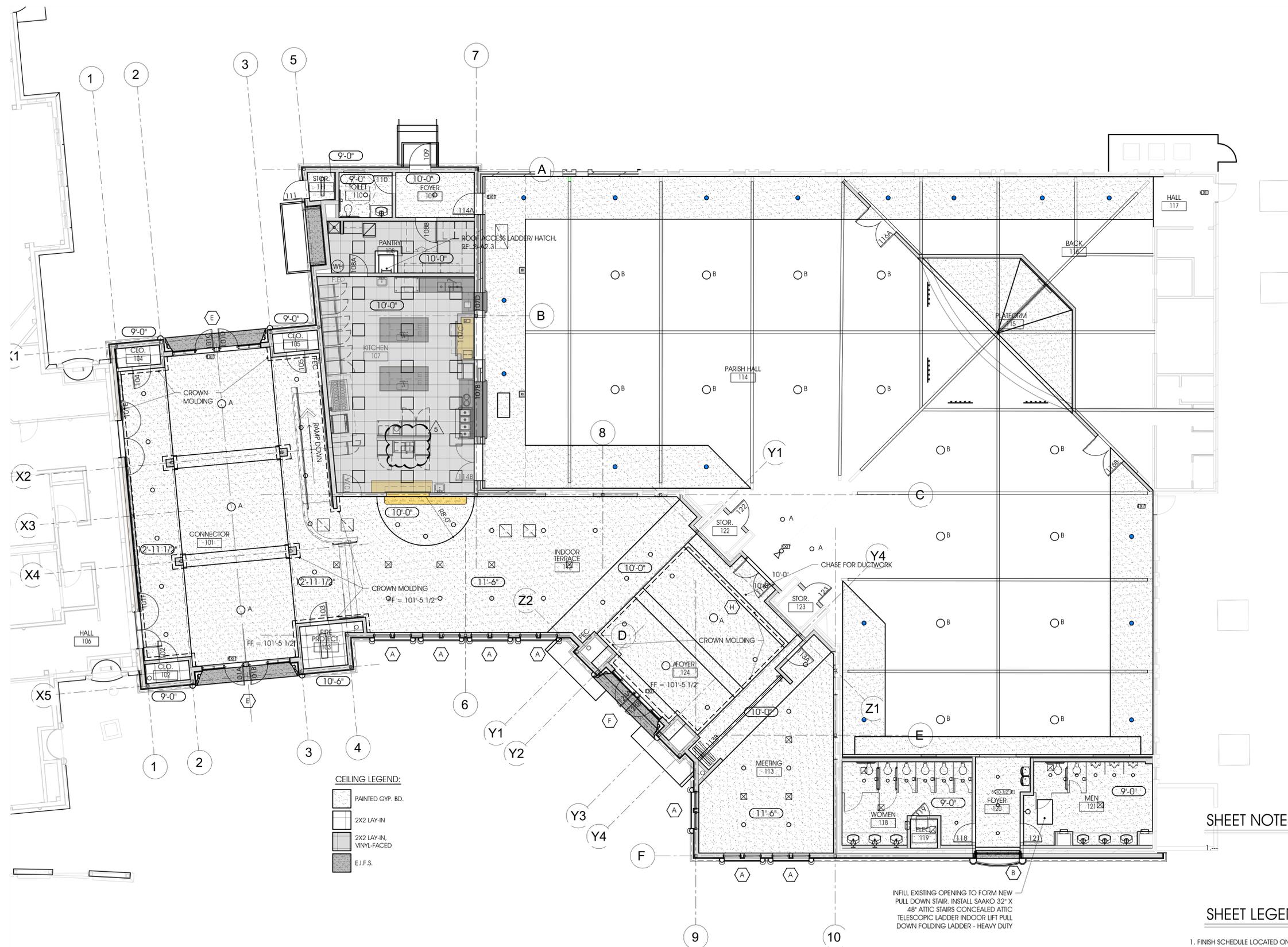
**PERMIT SET**

Drawing Title:  
KITCHEN - ENLARGED PLANS

Project No. 2307 Date: 1/12/2024

Sheet No. **A5.1**





**CEILING LEGEND:**

- PAINTED GYP. BD.
- 2X2 LAY-IN
- 2X2 LAY-IN, VINYL-FACED
- E.I.F.S.

INFILL EXISTING OPENING TO FORM NEW PULL DOWN STAIR. INSTALL SAAKO 32" X 48" ATTIC STAIRS CONCEALED ATTIC TELESCOPIC LADDER INDOOR LIFT FULL DOWN FOLDING LADDER - HEAVY DUTY

**SHEET NOTES**

**SHEET LEGEND**

1. FINISH SCHEDULE LOCATED ON SHEET A4.1
  2. DOOR SCHEDULE LOCATED ON SHEET A4.1
  3. WINDOW TYPES LOCATED ON SHEET A4.2
  4. WALL TYPES LOCATED ON SHEET A4.1. WALL TYPE IS "A" UNLESS NOTED OTHERWISE.
- F.E.C. = FIRE EXTINGUISHER CABINET  
D.S. = DOWNSPOUT  
XX'-X" CEILING HEIGHT ABOVE FLOOR BELOW

**1 REFLECTED CEILING PLAN**  
Scale: 1/8" = 1'-0"



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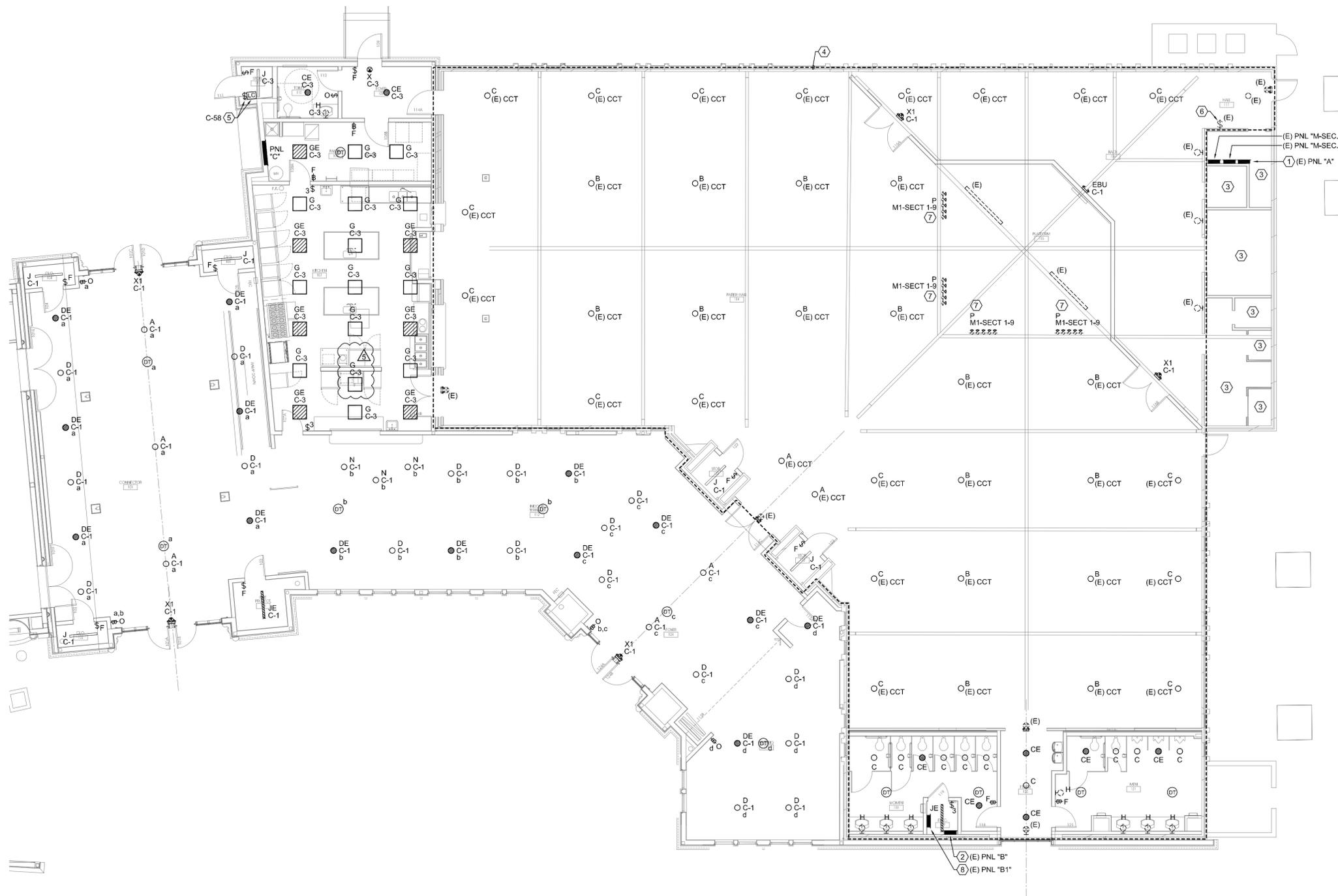
7/1/24 KITCHEN REV.

**PERMIT SET**

Drawing Title:  
REFLECTED CEILING PLAN

Project No. 2307	Date: 1/12/2024
Sheet No. <b>A6.1</b>	

C:\Work\Projects\23-47 St. Jude CC - Parish Hall Addn\Elec\2347-E21.dwg 07/11/24 06:37:16 Rene's ASUS



**PARTIAL FLOOR - LIGHTING PLAN**  
Scale: 1/8" = 1'-0"

- GENERAL NOTES**
- RE: E0.1 FOR ELECTRICAL SYMBOLS, ADDITIONAL GENERAL NOTES, AND ABBREVIATIONS.
  - RE: E0.2 FOR ELECTRICAL SPECIFICATIONS.
  - RE: E0.3 FOR LIGHTING CONTROL DETAILS.
  - RE: E5.1 FOR BRANCH WIRING SCHEDULE FOR WIRE SIZES.
  - RE: E6.1 OR PANELBOARD SCHEDULES.
  - RE: E6.2 FOR LIGHT FIXTURE SCHEDULE.
  - RE: E6.2 FOR MECHANICAL / ELECTRICAL SCHEDULE.
  - LIGHTING CONTROLS TO INCLUDE "DAYLIGHTING ZONE" REQUIREMENTS.
  - PROVIDE ADDITIONAL CONDUCTOR WITHIN CIRCUITS WHERE REQUIRED FOR UNSWITCHED POWER TO EXIT SIGNS AND EMERGENCY BALLAST / DRIVER SYSTEMS.
  - DESIGNATION REPRESENTS:  
(E) EXISTING ELECTRICAL DEVICE TO REMAIN AS IS.  
(R) EXISTING ELECTRICAL DEVICE TO BE REMOVED IN ITS ENTIRETY.  
(RR) REMOVE AND RELOCATED EXISTING ELECTRICAL DEVICE.  
(NL) NEW LOCATION FOR EXISTING RELOCATED ELECTRICAL DEVICE.  
CCT EXISTING LIGHTING BRANCH CIRCUITING TO BE RE-USED FOR NEW LIGHT FIXTURES.

- NOTES BY SYMBOL " # "**
- EXISTING PANEL IS NOT LABELED. FOR DRAWING PURPOSES THIS EXISTING PANEL WILL BE IDENTIFIED AS "A".
  - EXISTING PANEL IS NOT LABELED. FOR DRAWING PURPOSES THIS EXISTING PANEL WILL BE IDENTIFIED AS "B".
  - NO ELECTRICAL WORK REQUIRED IN THIS ROOM. MAINTAIN LIGHTING AND POWER BRANCHING CIRCUITING CONTINUITY. EXISTING SWITCH TO REMAIN AS IS AND MAINTAIN SWITCHING CONFIGURATION. UNLESS NOTED OTHERWISE.
  - RE-USE EXISTING LIGHTING BRANCH CIRCUITING TO RE-CONNECT TO NEW LIGHT FIXTURE(S) INDICATED.
  - EXTERIOR LIGHTING CONTACTOR AND BY-PASS SWITCH. RE: 1/E0.3 EXTERIOR LIGHTING CONTACTOR WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
  - EXISTING LIGHT SWITCHES (TOTAL OF 27) ARE TO REMAIN AS IS. MAINTAIN CIRCUITING CONTINUITY AND SWITCHING CONFIGURATION.
  - NEW TRACK LIGHTING. PROVIDE A NEW LIGHTING CIRCUIT AS INDICATED. ROUTE CONDUIT BACK TO EXISTING PANELBOARD "M1-SECT-1" AND EXISTING BANK OF SWITCHES. PROVIDE DIMMER 400 WATT DIMMERS. PAINT EXPOSED CONDUIT TO MATCH WOOD CEILING. COORDINATE COLOR WITH THE ARCHITECTS PRIOR TO PAINTING.

**ARCHITECTURE**  
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**ST. JUDE CATHOLIC CHURCH**

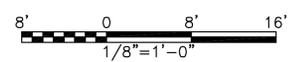
**PARISH HALL REMODEL & CONNECTOR**

500 E DALLAS ST.  
MANSFIELD, TX 76063

07/01/2024 KITCHEN REV.

**PERMIT SET**

Drawing Title: <b>PARTIAL FLOOR - LIGHTING PLAN</b>	
Project No. 2307	Date: 1/12/2024
Sheet No. <b>E2.1</b>	



MEP Consultant  
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PANEL "C"		OC DEVICE TYPE: BREAKER		ENCLOSURE: NEMA 1		MAINS(A): 400 MCB		CONTINUOUS(A): 400						
LOCATION: PANTRY		DEVICE FAMILY: BOLT ON		MOUNTING: SURFACE		WIRING: 3-PHASE 4-WIRE		BUS SC RATING(A) 35000						
FED FROM: UTILITY				VOLTAGE: 208/120				FAULT CURRENT(A): 0						
OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE A	LOADS B C	VA	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1	-	INTERIOR LIGHTING	LTG	1077	1	2914		2	1837	REC	KITCHEN EQUIPMENT - K2A	-	20 1	
20 1	-	INTERIOR LIGHTING	LTG	750	3		2577	4	1827	REC	KITCHEN EQUIPMENT - K2B	-	20 1	
20 1	-	INTERIOR RECEPTACLES	REC	900	5			5	1524	REC	KITCHEN EQUIPMENT - K3	-	20 1	
20 1	-	INTERIOR RECEPTACLES	REC	360	7	2160	2424	6	1800	REC	KITCHEN EQUIPMENT - K4	-	20 1	
30 2	-	KITCHEN EQUIPMENT - K10	REC	5034	9		4125	10	1608	REC	KITCHEN EQUIPMENT - K5A	-	20 1	
-	-	-	-	-	11			12	648	REC	KITCHEN EQUIPMENT - K6A	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K11A	REC	1440	13	2088		14	648	REC	KITCHEN EQUIPMENT - K6B	-	20 1	
30 2	-	KITCHEN EQUIPMENT - K11B	REC	4992	15		3648	16	1152	REC	KITCHEN EQUIPMENT - K7A	-	20 1	
-	-	-	-	-	17			18	1152	REC	KITCHEN EQUIPMENT - K7B	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K50	REC	1080	19	2080		20	1000	REC	KITCHEN EQUIPMENT - K17	-	20 1	
20 1	-	KITCHEN EQUIPMENT - E1A	REC	1200	21		1546	22	346	REC	KITCHEN EQUIPMENT - K18A	-	15 1	
20 1	-	KITCHEN EQUIPMENT - E1B	REC	1200	23		2700	24	1500	REC	KITCHEN EQUIPMENT - K15	-	20 1	
20 1	-	KITCHEN EQUIPMENT - E1C	REC	1200	25	4032		26	8496	COOL	RTU-PH-1	-	40 3	
60 2	-	RTU-PH-2	COOL	14112	29		4032	28	-	-	-	-	-	-
-	-	-	-	-	31	7536		32	11232	COOL	RTU-PH-3	-	50 3	
-	-	-	-	-	33		7536	34	-	-	-	-	-	-
50 3	-	RTU-PH-4	COOL	11232	35			36	-	-	-	-	-	-
-	-	-	-	-	37	4176		38	1260	GEN	KEF-PH-1	-	20 2	
-	-	-	-	-	39		4176	40	-	-	-	-	-	-
20 1	-	IWH-HP-1	GEN	87	41			42	-	-	-	-	-	-
20 1	-	KSF-PH-1	MTR	600	43	2100		44	3000	GEN	UH-PH-1	-	20 2	
20 1	-	FLOOR RECEPTACLE	REC	1200	45		2700	46	-	-	-	-	-	-
20 1	-	FLOOR RECEPTACLE	REC	1200	47			48	1000	REC	KITCHEN EQUIPMENT - E1E	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	49	2200		50	1000	REC	KITCHEN EQUIPMENT - E1F	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	51		2200	52	1000	REC	KITCHEN EQUIPMENT - E1G	-	20 1	
20 1	-	INTERIOR RECEPTACLE	REC	1200	53		2200	54	1000	REC	KITCHEN EQUIPMENT - E1H	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	55	1180		56	1000	REC	KITCHEN EQUIPMENT - E1I	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	57		860	58	500	LTG	EXTERIOR LTG CONTACTOR	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	360	59		860	60	500	LTG	EXTERIOR LIGHTING	-	20 1	
20 1	-	EXTERIOR RECEPTACLE	REC	180	61	1380		62	1200	REC	KITCHEN EQUIP - E1J & E1K	-	20 1	
20 1	-	KITCHEN EQUIP - E1S & E1T	REC	1200	63		2400	64	1200	REC	KITCHEN EQUIP - E1L & E1M	-	20 1	
20 1	-	KITCHEN EQUIPMENT E1U	REC	1200	65		2400	66	1200	REC	KITCHEN EQUIP - E1N & E1P	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K5B	REC	1200	67	2400		68	1200	REC	KITCHEN EQUIP - E1Q & E1R	-	20 1	
15 1	-	KITCHEN EQUIPMENT - K18B	REC	346	69		546	70	200	REC	KITCHEN EQUIPMENT - K29	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K16A	REC	1200	71		1200	72	0	-	SHUNT TRIP CB - K28	-	20 1	
20 1	-	SHUNT TRIP CB - K16A	-	-	73	1200		74	1200	REC	KITCHEN EQUIPMENT - K35	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K16B	REC	1200	75		2400	76	1200	REC	KITCHEN EQUIPMENT - K40	-	20 1	
20 1	-	SHUNT TRIP CB - K16B	-	-	77		0	78	0	SPR	SPARE	-	20 1	
20 1	-	KITCHEN EQUIPMENT - K3F	REC	1200	79	1200		80	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	81		0	82	0	SPR	SPARE	-	20 1	
20 1	-	SPARE	SPR	0	83		0	84	0	SPR	SPARE	-	20 1	
ALL CONNECTED	KVA	MAX AMPS				* PHASE TOTALS	VA	AMPS			BUS TOTALS	KVA		
TOTAL CONNECTED	94.83	263.4				* A-N	36746.0	306.2			CONNECTED	108.62		
TOTAL DEMAND	94.83	263.4				* B-N	39766.0	331.4			DEMAND (125% LTG)	3.53		
TOTAL DESIGN	94.83	263.4				* C-N	39742.0	331.2			DEMAND (100% HVAC)	47.12		
											DEMAND (65% KIT)	44.18		
											DEMAND	94.83		
											DESIGN	94.83		

NOTES:  
1. PROVIDE A NEMA 4X PANELBOARD COVER.

- PANELBOARD NOTES ONLY**
- EXISTING CIRCUIT BREAKER AND LOAD(S) TO REMAIN AS IS.
  - DISCONNECT AND REMOVE EXISTING "BLANK" FILLER TO ALLOW NEW CIRCUIT BREAKER AS INDICATED.
  - PROVIDE A NEW CIRCUIT BREAKER AS INDICATED. MATCH EXISTING MANUFACTURER AND AIC RATING.
  - PROVIDE AN UPDATE PANELBOARD SCHEDULE.

LIGHT FIXTURE SCHEDULE									
MARK	TYPE OF LUMINAIRE	MANUFACTURE / CATALOG NUMBER	QTY-TYPE OF LAMP	MAXIMUM INPUT WATTS	INPUT VOLTAGE	ALLOCATED FIXTURE LOAD(VA)	MOUNTING	NOTES	
A	LED PENDANT LIGHT	WAC LIGHTING # PD-42918-BK	LED (2400 LUMENS)	41	120	41	PENDANT	1	
B	LED PENDANT LIGHT	WAC LIGHTING # PD-72718-BK	LED (2450 LUMENS)	33.5	120	33.5	PENDANT	1	
C	6" APERTURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120	LED	26	120	26	RECESSED	1	
CE	6" APERTURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120 EL	LED	26	120	26	RECESSED	1.2	
D	6" APERTURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120	LED	26	120	26	RECESSED	1	
DE	6" APERTURE DOWNLIGHT	LITHONIA LIGHTING # LDN6 30 20 L06 AR LSS 120 EL	LED	26	120	26	RECESSED	1.2	
G	2 x 2 FLAT PANEL LIGHT	LITHONIA LIGHTING # EPANL2X2 3400LM 80CRI 35K ZT 120	LED	31	120	31	RECESSED	1	
GE	2 x 2 FLAT PANEL LIGHT	LITHONIA LIGHTING # EPANL2X2 3400LM 80CRI 35K E10WCP ZT 120	LED	31	120	31	RECESSED	1.2	
H	VANITY LIGHT	WAC LIGHTING # WS-77624-35-BK	LED	20.5	120	20.5	WALL	1	
J	4'-0" LED STRIPLIGHT	LITHONIA LIGHTING # ZLIN L48 ASR 3000LM ASR 120 30K 80 CRI WH HC36M12	LED	25	120	25	SUSPENDED	1	
JE	4'-0" LED STRIPLIGHT	LITHONIA LIGHTING # ZLIN L48 ASR 3000LM ASR 120 30K 80 CRI E10WLCF WH HC36M12	LED	25	120	25	SUSPENDED	1.2	
K	WALL PACK	PAC LIGHTS # FWP/R2-025-30	LED	25	120	25	WALL	1	
L	LIGHT BOLLARD	MATCH EXISTING BOLLARDS	LED	20	120	20	GRADE	1	
M	ACCENT LIGHT	LITHONIA LIGHTING # DSXF1-LED-P1-WFL-MVOLT-THK	LED	21	120	21	GRADE	1	
N	6" APERTURE DOWNLIGHT WITH GLASS LENS	CALIBER PLUS # SERIES 5LBVG WGDW DECO GLASS LENS	LED	26	120	26	RECESSED	1	
P	4'-0" TRACK	JUNO TRACK # R4BL TRAC-MASTER LIMITER SWITCH # TCLF11BL TRACK HEAD # T259L G2 35K 80CRI PDIM BL	LED	60W PER HEAD (5 TOTAL)	120	300	SURFACE	1,3,4	
(RR)	EXISTING LIGHT FIXTURE	EXISTING RELOCATED LIGHT FIXTURE	-	-	120	-	GRADE	1	
(NL)	EXISTING RELOCATED LIGHT FIXTURE	EXISTING RELOCATED LIGHT FIXTURE	-	-	120	-	GRADE	1	
X1	EXIT SIGN W/EMERGENCY BUG-EYES	LITHONIA LIGHTING # LHQM LED R M6	LED	4.3	120	4.3	UNIVERSAL	1	
EBU	EMERGENCY BATTERY UNIT	COOPER LIGHTING SURE-LITE # AEL2-31-BK	LED	2.2	120	2.2	WALL	1	

GENERAL NOTES:  
1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND TRIM.  
2. RE-TEST EMERGENCY BALLAST DRIVER SWITCHING DETAIL FOR ADDITIONAL INFORMATION.  
3. PROVIDE A 300 WATT LIMITER SWITCH, ONE (1) PER TRACK.  
4. COORDINATE EXACT LOCATION WITH THE ARCHITECT RCP PLAN PRIOR TO INSTALLATION.

MECHANICAL EQUIPMENT / ELECTRICAL SCHEDULE BY SYMBOL "##"												
NO.	DESCRIPTION	UNIT SERVES	LOAD				DISCONNECT AT UNIT		CIRCUIT		NOTES	
			MCA	MOCP	kW OR HP	FLA	VOLTS/PH	TYPE	MOUNTING	NUMBER		WIRE SIZE
(RTU-PH-1)	ROOF TOP UNIT - PH - 1	KITCHEN AREA	29.5	40A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-26.28.30	1" - 3#8, 1#10G	1
(RTU-PH-2)	ROOF TOP UNIT - PH - 2	EXIST. FACILITY	49.0	60A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-29.31.33	1-1/4" - 3#4, 1#10G	1
(RTU-PH-3)	ROOF TOP UNIT - PH - 3	CONNECTOR	39.0	50A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-32.34.36	1" - 3#6, 1#10G	1
(RTU-PH-4)	ROOF TOP UNIT - PH - 4	CONNECTOR	39.0	50A	-	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-35.37.39	1" - 3#6, 1#10G	1
(UH-PH-1)	UNIT HEATER - PH - 1	RISER ROOM	14.5	20A	-	-	208 / 1	30ANFNEMA 1	ADJACENT TO UNIT	C-44.46	3/4" - 3#12, 1#12G	1
(EF-PH-1)	EXHAUST FAN - PH - 1	EXIST TOILETS	-	20A	0.3 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4" - 2#12, 1#12G	1
(EF-PH-2)	EXHAUST FAN - PH - 2	TOILETS	-	20A	85W	-	120 / 1	BY DIVISION 23	BY DIVISION 23	C-3	3/4" - 2#12, 1#12G	1
(EF-PH-3)	EXHAUST FAN - PH - 3	CRAWL SPACE	-	20A	0.17 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4" - 2#12, 1#12G	1
(EF-PH-4)	EXHAUST FAN - PH - 4	CRAWL SPACE	-	20A	0.17 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	B1-5	3/4" - 2#12, 1#12G	1
(KEF-PH-1)	KITCHEN EXHAUST FAN - PH - 1	KITCHEN HOOD	-	20A	0.75 HP	-	208 / 3	BY DIVISION 23	BY DIVISION 23	C-38.40.42	3/4" - 3#12, 1#12G	1
(KSF-PH-1)	KITCHEN SUPPLY FAN - PH - 1	KITCHEN HOOD	-	20A	0.33 HP	-	120 / 1	BY DIVISION 23	BY DIVISION 23	C-43	3/4" - 2#12, 1#12G	1
(IWH-1)	INSTANTANEOUS WATER HTR - 1	-	-	20A	3 KW	-	208 / 1	LOCKABLE C.B.	IN PANELBOARD	B1-5,8	3/4" - 2#12, 1#12G	1
(IWH-2)	INSTANTANEOUS WATER HTR - 2	-	-	20A	3 KW	-	208 / 1	LOCKABLE C.B.	IN PANELBOARD	B1-2,4	3/4" - 2#12, 1#12G	1
(IWH-3)	WATER HEATER - HP - 1	-	-	20A	87W	-	120 / 1	BY DIVISION 23	BY DIVISION 23	C-41	3/4" - 2#12, 1#12G	1

GENERAL NOTES APPLY TO ALL:  
VERIFY MOUNTING REQUIREMENTS WITH EQUIPMENT INSTALLER.  
VERIFY ACTUAL EQUIPMENT LOADS AND CONNECTION REQUIREMENTS WITH EQUIPMENT BEING INSTALLED.

NOTES:  
1. WIRE SIZED IS BASED ON NEC 310.16 75 DEGREE WIRE AND COPPER.

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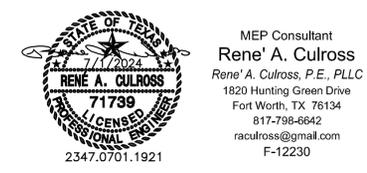
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**PERMIT SET**

Drawing Title:  
**PANELBOARD & LIGHT FIXTURE SCHEDULES**

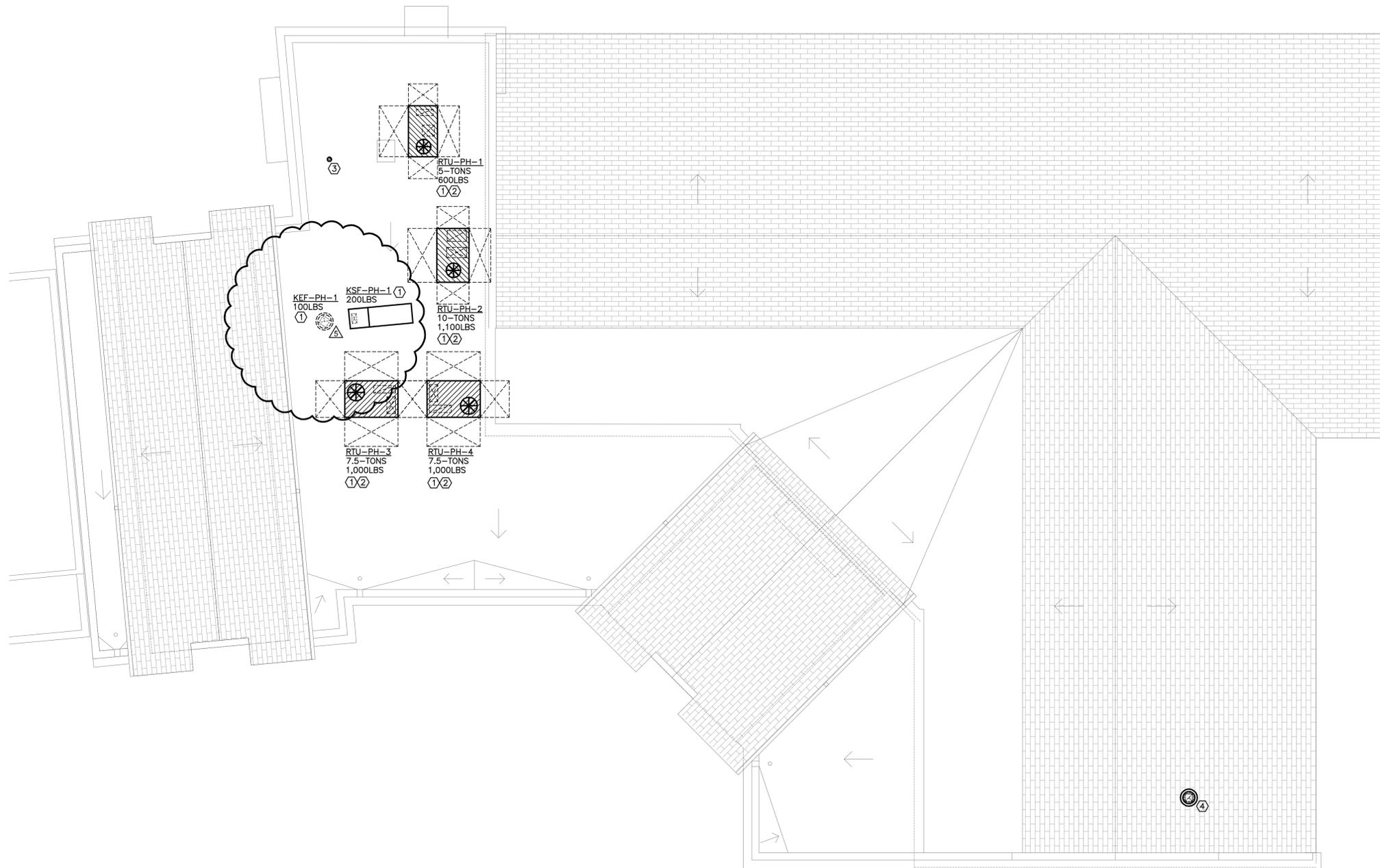
Project No. 2307 Date: 1/12/2024

Sheet No. **E6.2**



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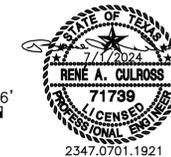
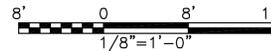
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**PARTIAL ROOF - HVAC PLAN**  
Scale: 1/8" = 1'-0"

NOTES BY SYMBOL "N"	
①	TRANSITION TO/FROM FULL-SIZE EQUIPMENT OPENING FROM/TO SIZE SHOWN ON PLAN AT ROOF DECK. REFER TO M3.1 FOR ADDITIONAL INSTRUCTIONS.
②	MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE AND AIR FLOW CLEARANCES.
③	CONCENTRIC VENT THROUGH ROOF. REFER TO DETAIL 8/M4.1 FOR ADDITIONAL INSTRUCTIONS.
④	EXHAUST HOOD EQUAL TO LOREN COOK PR16 WITH FACTORY BIRD SCREEN, CURB WITH BOTTOM SLOPED TO MATCH ROOF SLOPE, AND BACK-DRAFT DAMPER. TRANSITION FROM DUCT SIZE SHOWN ON FLOOR PLAN (M2.1) TO FULL-SIZE EQUIPMENT OPENING SIZE ROOF DECK. COORDINATE LOCATION WITH EXISTING FLUE VENT LOCATIONS AND TO BE WITHIN VOID SPACE BETWEEN ROOF STRUCTURAL JOIST/RAFTERS.

GENERAL NOTES THIS SHEET	
1.	REFER TO NOTES ON M0.1 FOR ADDITIONAL INSTRUCTIONS.
2.	MAINTAIN 10-FEET SEPARATION BETWEEN OUTDOOR AIR INTAKE LOCATIONS AND ANY PLUMBING OR FLUE VENT OR EXHAUST AIR DISCHARGE AIR LOCATIONS.



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Drawing Title:

PARTIAL ROOF  
HVAC PLAN

Project No.  
2307

Date:  
1/12/2024

Sheet No.

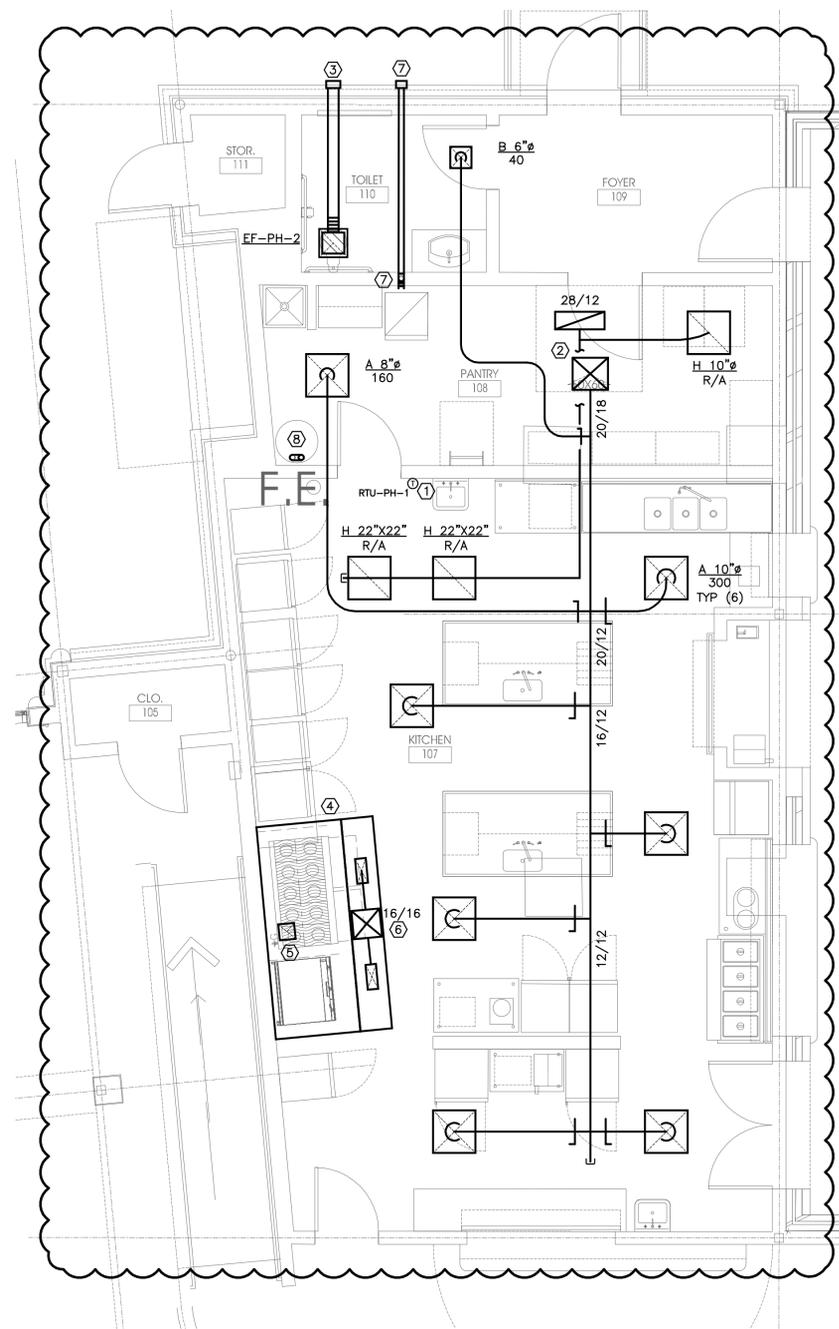
**M2.2**

**GENERAL NOTES THIS SHEET**

1. REFER TO M0.1 FOR ADDITIONAL INSTRUCTIONS.
2. RUN-OUTS TO AIR DEVICES ARE SAME AS NECK SIZE NOTED ON PLAN UNLESS OTHERWISE NOTED.

**NOTES BY SYMBOL "T"**

- ① COORDINATE FINAL LOCATION OF THERMOSTAT WITH OWNER (VIA ARCHITECT) PRIOR TO INSTALLATION. PROVIDE REMOTE TEST SWITCH FOR DUCT DETECTOR(S) ADJACENT TO THERMOSTAT UNIT.
- ② TRANSITION FROM FULL-SIZE ROOFTOP UNIT SUPPLY/RETURN AIR OPENING TO/FROM SIZE SHOWN ON PLAN AT ROOF DECK. REFER TO M2.2 FOR CONTINUATION. REFER TO DETAIL 1/M4.1 3/M4.1 FOR ADDITIONAL INSTRUCTIONS.
- ③ ROUTE 6-INCH DIAMETER RIGID ROUND DUCT TO MANUFACTURER'S STANDARD WALL CAP.
- ④ TYPE I KITCHEN HOOD WITH SINGLE PLENUM SUPPLY; (DELEGATED DESIGN) UL LISTED, FULLY INTEGRATED PACKAGE DESIGNED BY CAPTIVEAIRE OR APPROVED EQUAL; PRE-ENGINEERED FOR OPTIMUM PERFORMANCE. THE PACKAGE CONSISTS OF THE HOOD, AN INTEGRAL UTILITY CABINET, FACTORY PRE-WIRED ELECTRICAL CONTROLS, AND A LISTED FIRE SUPPRESSION SYSTEM. EXHAUST FAN (PH-KEF-1) AND SUPPLY FAN (PH-KSF-1) SHALL BE MATCHED TO HOOD, AS REQUIRED FOR A COMPLETE AND INTEGRATED SYSTEM. REFER TO FAN SCHEDULE ON M0.3 FOR BASIS OF DESIGN MODEL SERIES.
- ⑤ TRANSITION FROM FULL EXHAUST CONNECTION SIZE AT HOOD TO FAN OPENING SIZE AT ROOF DECK. GREASE LADEN DUCT SHALL SLOPE A MINIMUM OF 1/4-INCH PER FOOT TOWARDS HOOD.
- ⑥ TRANSITION TO SIZE NOTED ON PLAN FROM FULL SUPPLY FAN DISCHARGE SIZE AT ROOF DECK. DUCT SIZE NOTED IS BASED ON DESIGN BASIS SUPPLY FAN (1,600 CFM).
- ⑦ FULL-SIZE DRYER EXHAUST UP IN WALL TO EXTERIOR WALL. REFER TO DETAIL 4/M4.1 FOR DRYER BOX DETAIL. TERMINATE WITH FULL-SIZE DRYER VENT WALL CAP WITH INTEGRAL BACK-DRAFT DAMPER. PAINT CAP TO MATCH ADJACENT SURFACE COLOR. DRYER DUCT SHALL BE SMOOTH RIGID ROUND DUCT WITHOUT SEAMS OR SCREWS.
- ⑧ ROUTE FULL-SIZE FLUE/INTAKE TO CONCENTRIC VENT ON ROOF. REFER TO DETAIL 8/M4.1 AND PLUMBING DRAWINGS FOR ADDITIONAL INSTRUCTIONS.



**1 PARTIAL FLOOR - ENLARGED KITCHEN - HVAC PLAN**  
Scale: 1/4" = 1'-0"

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03/28/2024 REVISION 3 - CITY COMMENTS

**PERMIT SET**

Drawing Title:  
**PARTIAL FIRST FLOOR -  
HVAC PLANS**

Project No. 2307	Date: 1/12/2024
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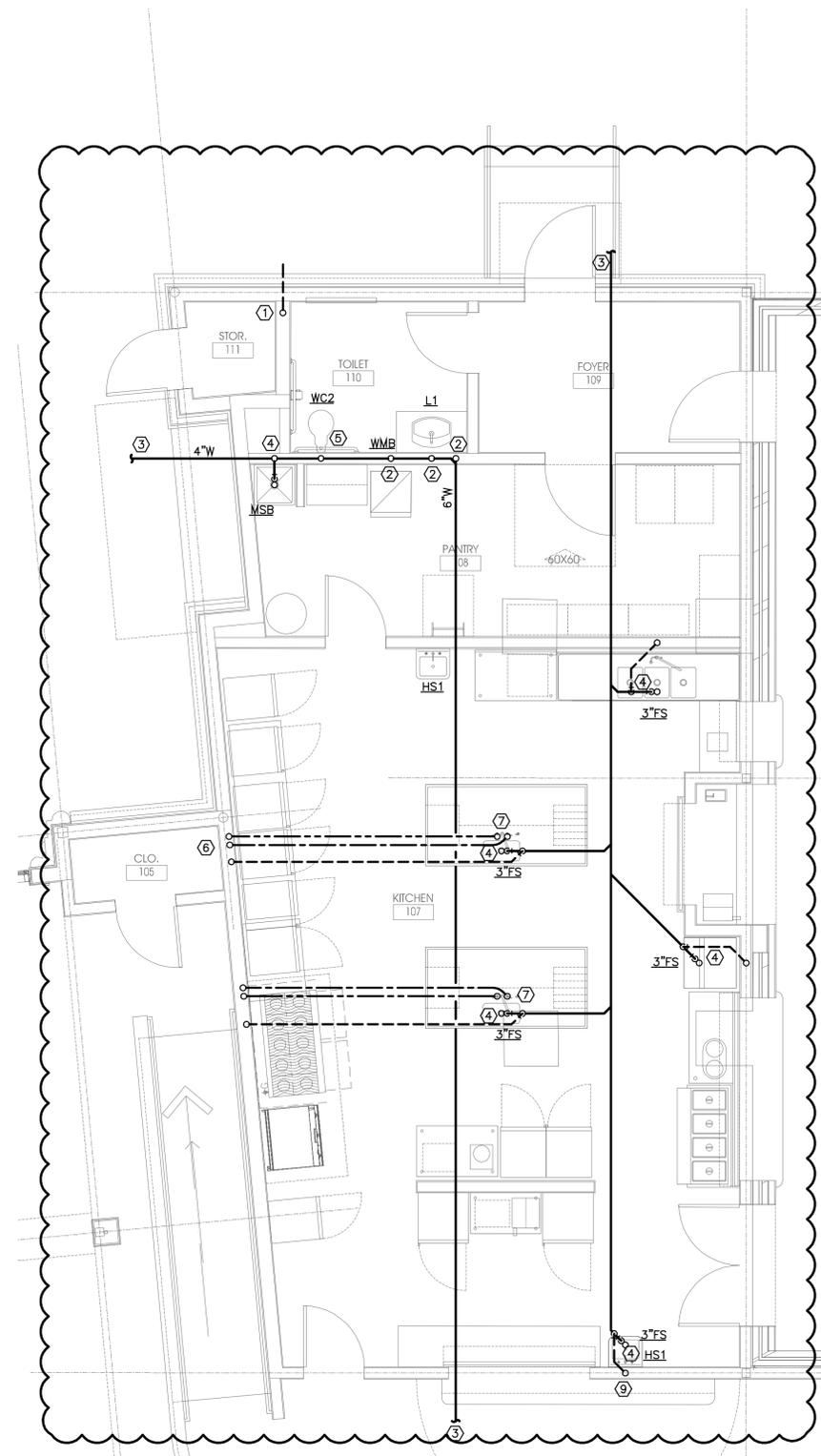
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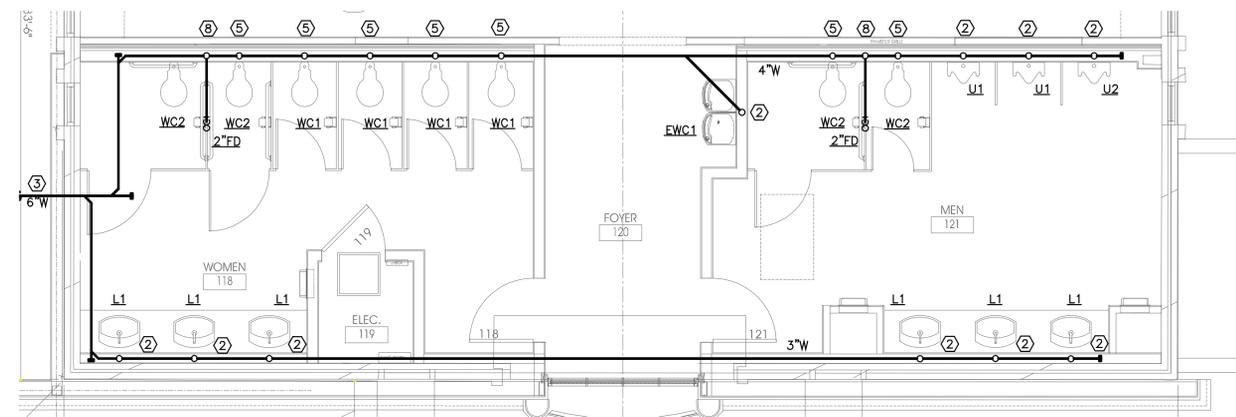
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1 PARTIAL FLOOR - ENLARGED KITCHEN - U/F PLUMBING PLAN  
Scale: 1/4" = 1'-0"

- NOTES BY SYMBOL "Ø"**
- ① 3-INCH VENT UP.
  - ② 2-INCH WASTE FROM PLUMBING FIXTURE.
  - ③ REFER TO P2.1 FOR CONTINUATION.
  - ④ 3-INCH WASTE FROM PLUMBING FIXTURE, 2-INCH VENT UP.
  - ⑤ 4-INCH WASTE FROM PLUMBING FIXTURE; 2-INCH VENT UP.
  - ⑥ 1/2-INCH COLD AND HOT WATER FROM ABOVE; 2-INCH VENT UP.
  - ⑦ 1/2-INCH COLD AND HOT WATER UP TO PLUMBING FIXTURE
  - ⑧ 2-INCH WASTE FROM PLUMBING FIXTURE; 2-INCH VENT UP.

- GENERAL NOTES THIS SHEET**
1. REFER TO P0.1 FOR ADDITIONAL INSTRUCTIONS.
  2. COORDINATE ALL PLUMBING WITH OWNER/ARCHITECT PRIOR TO PURCHASING THE FIXTURE.



1 PARTIAL FLOOR - ENLARGED RESTROOM - U/F PLUMBING PLAN  
Scale: 1/4" = 1'-0"

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**PERMIT SET**

Drawing Title:  
PARTIAL FIRST FLOOR -  
UNDERFLOOR PLUMBING PLANS

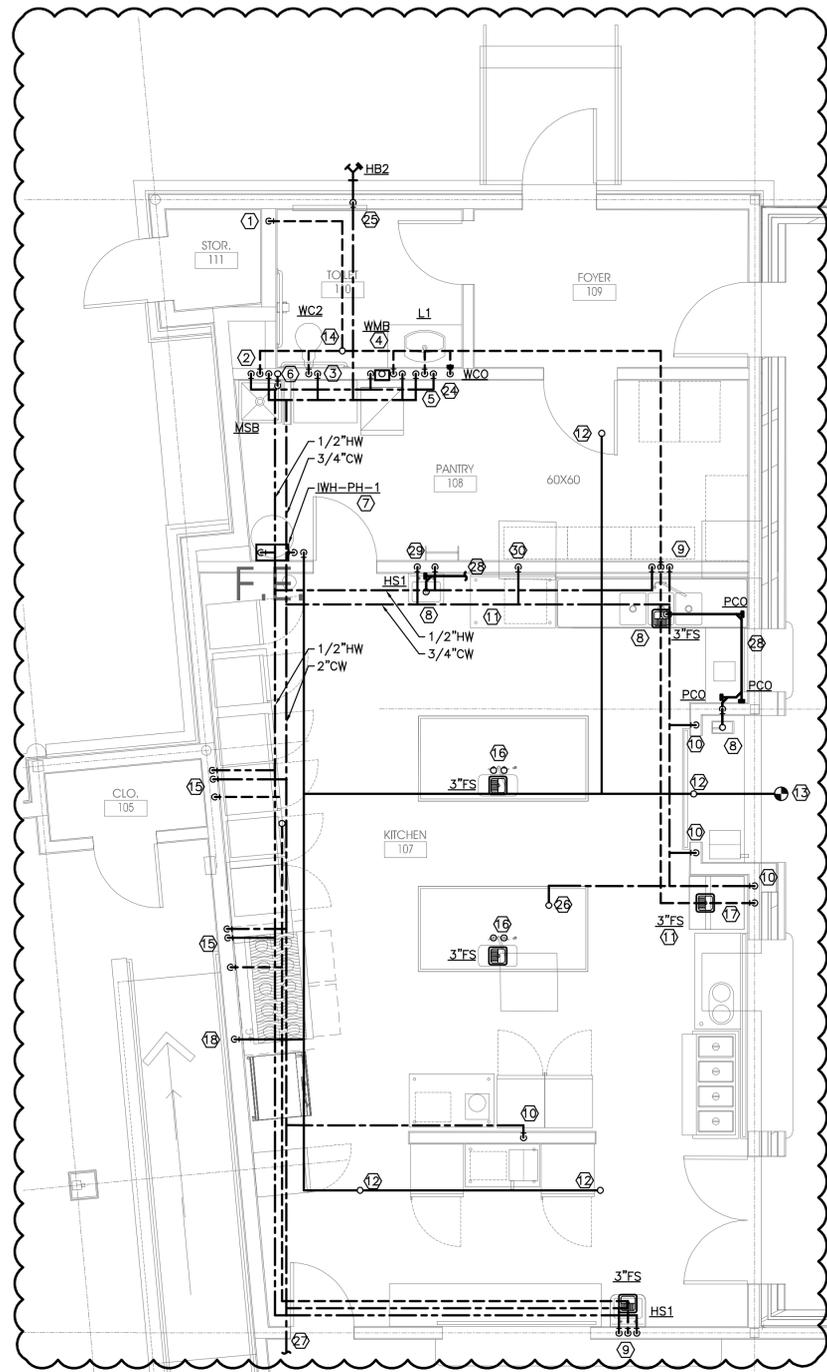
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Sheet No. <b>P3.1</b>
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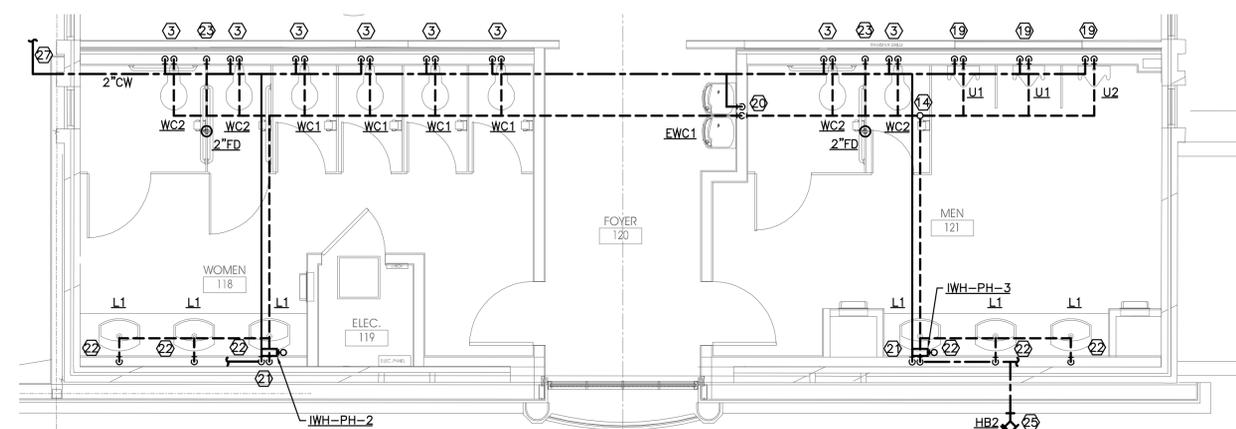


**1** PARTIAL FLOOR - ENLARGED KITCHEN - PLUMBING PLAN  
Scale: 1/4" = 1'-0"

- NOTES BY SYMBOL "T"**
- ① 3/4-INCH COLD WATER TO PLUMBING FIXTURE; 2-INCH WASTE DOWN, 2-INCH VENT UP.
  - ② 1/2-INCH COLD WATER TO PLUMBING FIXTURE; 1 1/2 VENT UP, 2-INCH WASTE DOWN.
  - ③ 1/2-INCH COLD WATER TO IWH AND EACH LAVATORY; ROUTE 1/2-INCH HOT WATER FROM IWH TO EACH LAVATORY. REFER TO DETAIL 5/P4.1 FOR ADDITIONAL INSTRUCTIONS.
  - ④ 2-INCH WASTE FROM PLUMBING FIXTURE; 1 1/2-INCH VENT UP.
  - ⑤ 2-INCH WASTE FROM BELOW.
  - ⑥ 2-INCH WASTE DOWN, 2-INCH VENT UP WITH CLEAN-OUT AT BASE OF RISER.
  - ⑦ 1/2-INCH COLD WATER TO PLUMBING FIXTURE.
  - ⑧ 1/2-INCH COLD WATER UP TO PLUMBING FIXTURE. REFER TO P2.2 FOR ADDITIONAL INSTRUCTIONS.
  - ⑨ REFER TO P2.1 FOR CONTINUATION.
  - ⑩ ROUTE FULL-SIZE DRAIN ALONG WALL TO DISCHARGE INDIRECTLY AT FLOOR SINK UNDER 3-COMPARTMENT SINK. SLOPE PIPING MINIMUM 1/8-INCH PER FOOT TOWARDS DRAIN.
  - ⑪ 1/2-INCH HOT AND COLD WATER TO PLUMBING FIXTURE.
  - ⑫ 3/4-INCH COLD WATER TO DISHWASHER. PROVIDE BACKFLOW PREVENTION DEVICE (RPZA) WHERE NOT INTEGRAL TO EQUIPMENT. REDUCE/INCREASE TO EQUIPMENT CONNECTION SIZE AS REQUIRED FOR EQUIPMENT TO BE INSTALLED.

- GENERAL NOTES THIS SHEET**
1. REFER TO PD.1 FOR ADDITIONAL INSTRUCTIONS.
  2. COORDINATE ALL PLUMBING WITH OWNER/ARCHITECT PRIOR TO PURCHASING THE FIXTURE.

- NOTES BY SYMBOL "T"**
- ① 3-INCH VENT FROM BELOW
  - ② 3/4-INCH HOT AND COLD WATER DOWN TO PLUMBING FIXTURE; 2-INCH VENT FROM BELOW.
  - ③ 1 1/2-INCH COLD WATER TO PLUMBING FIXTURE; 2-INCH VENT FROM BELOW.
  - ④ 1/2-INCH HOT AND COLD WATER TO PLUMBING FIXTURE; 2-INCH WASTE DOWN, 1 1/2-INCH VENT UP. REFER TO DETAIL 2/P4.1 FOR ADDITIONAL INSTRUCTIONS.
  - ⑤ 1/2-INCH HOT AND COLD WATER TO PLUMBING FIXTURE; 2-INCH WASTE DOWN, 1 1/2-INCH VENT UP.
  - ⑥ 2-INCH COLD CONDENSATE FROM ABOVE; TURN OUT FROM WALL AND DOWN TO DISCHARGE INDIRECTLY AT MOP SINK.
  - ⑦ 3/4-INCH COLD WATER AND 1-INCH GAS (120 MBH) TO IWH-PH-1; 3/4-INCH HOT WATER FROM IWH-PH-1. PROVIDE REGULATOR IN GAS LINE TO MAINTAIN GAS PRESSURE WITHIN MANUFACTURER'S MINIMUM AND MAXIMUM GAS PRESSURES (DESIGN BASIS UNIT - 4/10.5 INCHES WATER COLUMN MIN/MAX RESPECTIVELY). REFER TO DETAIL 4/P4.1 FOR ADDITIONAL INSTRUCTIONS.
  - ⑧ ROUTE FULL-SIZE WASTE FROM EACH BASIN OF KITCHEN FIXTURE TO DRAIN INDIRECTLY AT FLOOR SINK.
  - ⑨ 1/2-INCH HOT AND COLD WATER DOWN TO PLUMBING FIXTURE; 2-INCH VENT FROM BELOW.
  - ⑩ 1/2-INCH COLD WATER DOWN TO FILTRATION SYSTEM FOR EQUIPMENT (BEVERAGE- OR OR ICE-MACHINE). PROVIDE REDUCED PRESSURE ZONE ASSEMBLY (RPZA) WHERE BACKFLOW PREVENTION IS NOT INTEGRAL TO EQUIPMENT.
  - ⑪ ROUTE FULL SIZE EQUIPMENT DRAIN (ICE-MAKER OR DISHWASHER) INDIRECTLY TO NEAREST FLOOR SINK.
  - ⑫ 1/2-INCH GAS UP TO EQUIPMENT ON ROOF (90MBH). REFER TO P2.2 FOR CONTINUATION AND ADDITIONAL INSTRUCTIONS.
  - ⑬ EXTEND 1-INCH GAS FROM EXISTING 1-INCH GAS LINE IN ADJACENT ATTIC SPACE; 960MBH ADDED LOAD.
  - ⑭ 3-INCH VENT THROUGH ROOF.
  - ⑮ 1/2-INCH COLD AND HOT WATER DOWN IN WALL TO PLUMBING FIXTURE; 2-INCH VENT FROM BELOW. REFER TO 2/P3.1 FOR ADDITIONAL INSTRUCTIONS.
  - ⑯ 1/2-INCH COLD AND HOT WATER FROM BELOW AND TO PLUMBING FIXTURE. ROUTE FULL-SIZE DRAIN FROM BASIN TO DISCHARGE INDIRECTLY AT FLOOR SINK.
  - ⑰ 2-INCH VENT FROM BELOW (FLOOR SINK)
  - ⑱ 3/4-INCH GAS DOWN TO GAS MANIFOLD FOR KITCHEN EQUIPMENT; REFER TO DETAIL 7/P4.1 FOR ADDITIONAL INSTRUCTIONS. COORDINATE FINAL CONNECTION SIZES WITH FINAL EQUIPMENT TO BE INSTALLED (DESIGN BASIS: RANGE/OVENS 480MBH; 120MBH). PROVIDE GAS REGULATOR AT EQUIPMENT, AS REQUIRED.



**1** PARTIAL FLOOR - ENLARGED RESTROOM - PLUMBING PLAN  
Scale: 1/4" = 1'-0"

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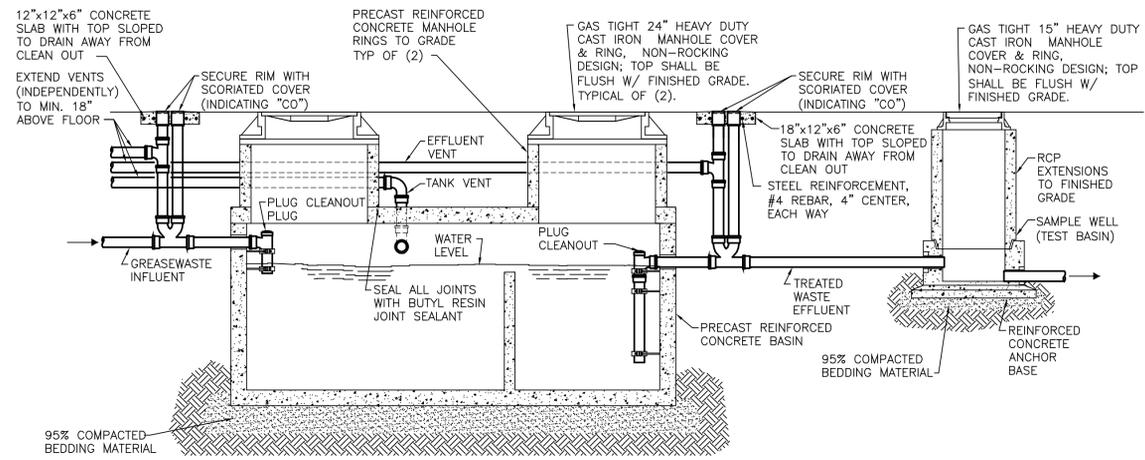
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07/01/2024 KITCHEN REV.

**PERMIT SET**

Drawing Title: PARTIAL FIRST FLOOR - PLUMBING PLANS	
Project No. 2307	Date: 1/12/2024
Sheet No. <b>P3.2</b>	

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1 GREASE INTERCEPTOR  
SCALE: NO SCALE

INTERCEPTOR NOTES

1. SEAL ALL PIPE PENETRATIONS WATERTIGHT.
2. COAT INTERIOR OF BASIN WITH (2) COATS OF POLYURETHANE
3. REFER TO PLANS FOR PIPE SIZES, INVERT ELEVATIONS AND ROUTING.
4. SECONDARY COMPARTMENT HAS VOLUME EQUAL TO 1/3 OF TOTAL CAPACITY.
5. ALL PIPE AND FITTINGS SHALL BE CAST IRON.
6. WALLS AND BOTTOM SHALL BE REINFORCED THROUGHOUT WITH 2x6, 6/10 MESH.
7. COVER SHALL BE REINFORCED LONGITUDINALLY WITH NO.6 REBAR ON 6" CENTERS, NO.4 REBAR ON 6" CENTERS WIDTH WAYS, AND NO.8 REBAR DIAGONALLY AROUND ACCESS HOLES.
8. GREASE INTERCEPTOR SHALL MEET THE APPROVAL OF LOCAL AUTHORITY.
9. MAXIMUM 10'-0" BETWEEN MANHOLES.
10. ALL CONSTRUCTION SHALL CONFORM TO H-20 LIVE LOAD LOADING.
11. INTERCEPTOR WALLS AND BOTTOM SLAB SHALL BE DESIGNED FOR AN EQUIVALENT FLUID SOIL PRESSURE OF 40 Pcf/ft. INCLUDING TRUCK LOADING SURCHARGE NOTED IN NOTE 10 ABOVE.

GREASE INTERCEPTOR SCHEDULE

G11, GREASE INTERCEPTOR  
GREASE INTERCEPTOR WITH 750 GALLON LIQUID HOLDING CAPACITY, 1,700 LBS. GREASY SLUDGE CAPACITY. INTERCEPTOR SHALL BE 1/4" ALL WELDED STEEL SEPARATOR. INTERCEPTOR SHALL BE PROVIDED WITH VISIBLE DOUBLE WALL OUTSIDE TRAP SEAL, SEPARATOR SCREEN, REMOVABLE FILTER SCREENS, REMOVABLE HEAVY DUTY STEEL PLATE COVER WITH 3/8" NON-SKID DIAMOND TREAD-PLATE COVER WITH HEAVY-DUTY LEAK PROOF GASKETS. PROVIDE EPOXY COATING ON ALL SURFACES. PROVIDE INTEGRAL EXTENSION TO GRADE. INTERCEPTOR SHALL BE EQUAL TO PARK EQUIPMENT MODEL GT-2000.

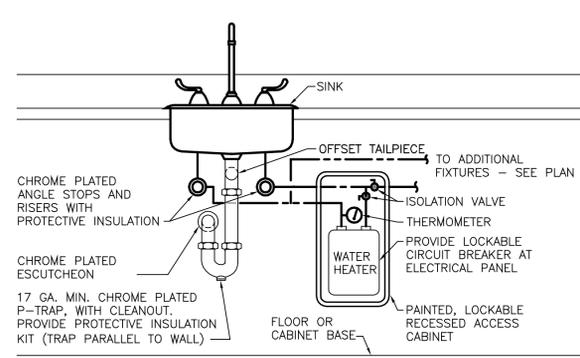
PROVIDE SAMPLE WELL BASIN (TEST WELL) WITH 15-INCH ACCESS PORT AND 4-INCH SAMPLE PIPE DOWNSTREAM OF GREASE INTERCEPTOR. SAMPLE WELL SHALL BE CLASSIFIED WITH GRADE 60 REINFORCEMENT WITH STEEL REBAR CONFORMING TO ASTM A615. MANHOLE FRAME AND COVER SHALL BE GRAY CAST IRON CONFORMING TO ASTM A48-76, CLASS 30. MANHOLE COVER SHALL BE NOMINAL 24 INCH DIAMETER AND BE HEAVY TRAFFIC DUTY WITH MANHOLE COVER LABELED "SAMPLE WELL". SAMPLE WELL BASIN SHALL BE EQUAL TO PARK EQUIPMENT, SWB-154.

GREASE INTERCEPTOR SIZING  
SIZING CALCULATION BASED ON IPC SECTION 1003.3.5.1  
PER TABLE 1003.3.5.1: @25 GPM, 50 LBS GREASE HOLDING (1,700 LBS PROVIDED)

Fixture Inlet Size	Quantity	Drainage Fixture Unit Flow (GPM)	Potential Flow (GPM)
1 1/4"	0	1	0
1 1/2"	0	2	0
2"	0	3	0
2 1/2"	0	4	0
3"	5	5	25
4"	0	6	0
<b>Total Potential Flow=</b>			<b>25</b>

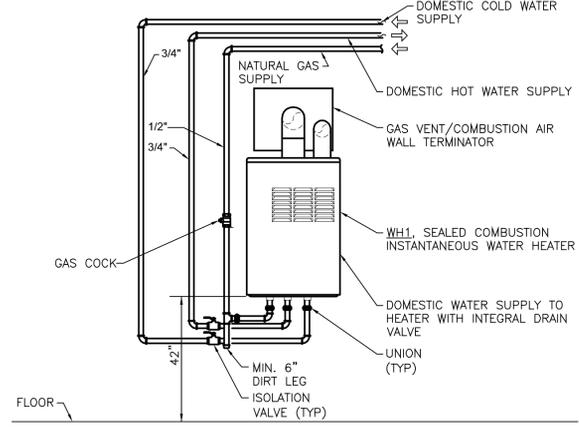
Formula Description:  
Total Potential Flow X 30

Minimum Required Capacity (Gallons) = **750**

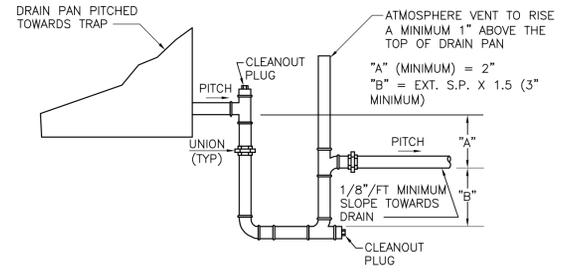


NOTE: WHERE DISHWASHER IS REQUIRED, WATER HEATER SHALL BE INSTALLED ON OPPOSITE SIDE OF SINK (FROM DISHWASHER).

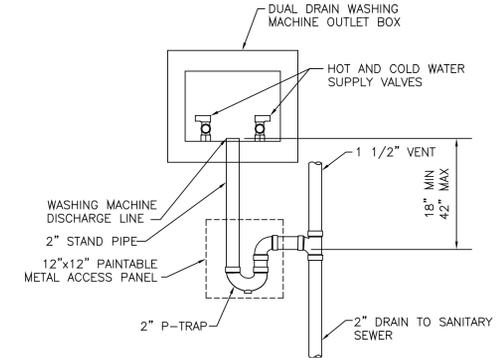
5 INSTANTANEOUS WATER HEATER UNDER SINK  
SCALE: NO SCALE



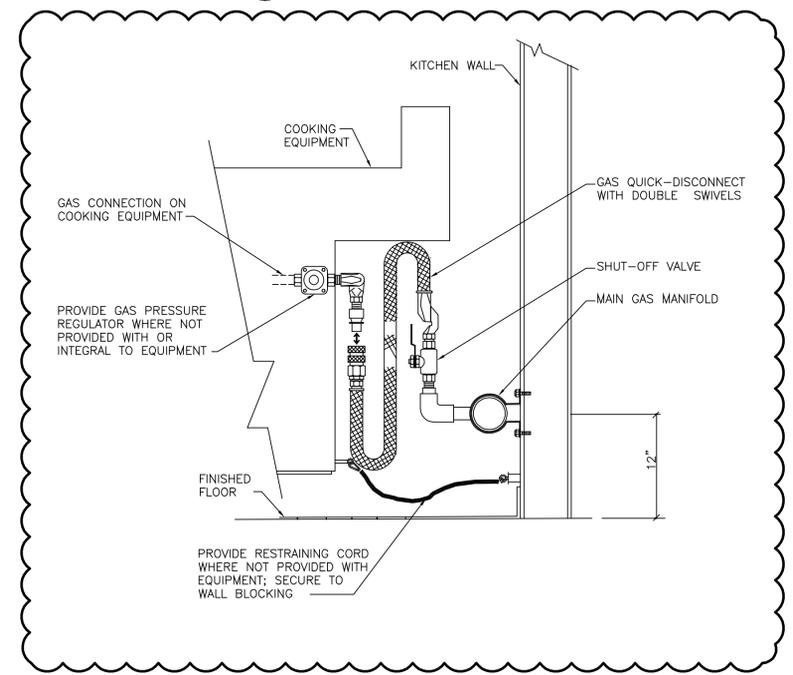
4 INSTANTANEOUS GAS WATER HEATER PIPING  
SCALE: NO SCALE



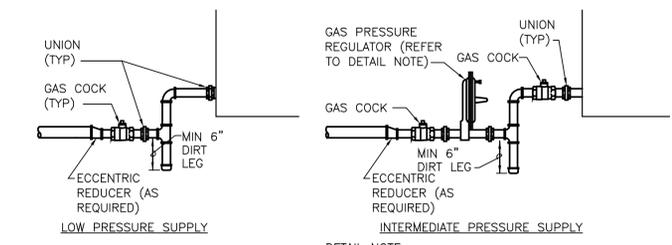
3 CONDENSATE DRAINAGE  
SCALE: NO SCALE



2 WASHING MACHINE BOX  
SCALE: NO SCALE



7 KITCHEN GAS EQUIPMENT QUICK DISCONNECT INSTALLATION  
SCALE: NO SCALE



DETAIL NOTE:  
PROVIDE PRESSURE REGULATOR CAPABLE OF REDUCING LINE PRESSURE OF 2 PSIG TO GAS PRESSURE RECOMMENDED BY THE ROOFTOP MANUFACTURER

6 NATURAL GAS CONNECTIONS TO EQUIPMENT  
SCALE: NO SCALE



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07/01/2024 KITCHEN REV.

PERMIT SET

Drawing Title:  
PLUMBING DETAILS

Project No. 2307 Date: 1/12/2024

Sheet No. **P4.1**

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