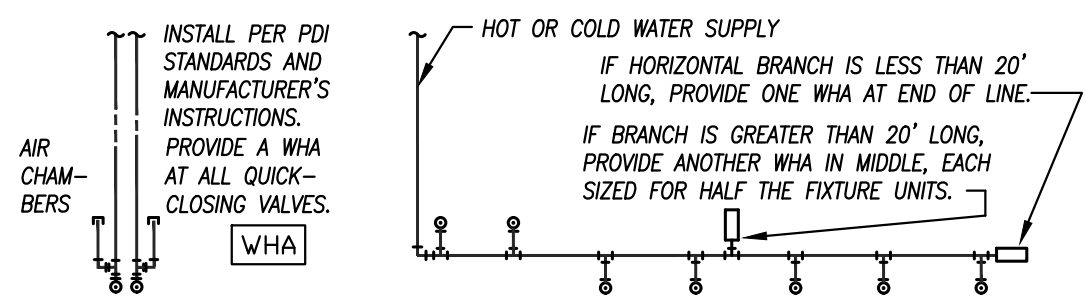


ITEM NO	QTY	EQUIPMENT DISCRPTION	WATER			GAS		
			DCW SIZE	DHW SIZE	HEIGHT AFF	GAS SIZE	MBH	HEIGHT AFF
4.1	1	PANTRY MIXING FAUCET	1/2"	1/2"	20"			
5	1	BAG-IN-BOX SYSTEM	1/2"		60"			
6	1	HOTPLATE				3/4"	120	36"
10	6	HAND SINK	1/2"	1/2"	20"			
13	1	2 COMPARTMENT SINK	1/2"	1/2"	20"			
14	1	MOP SINK	1/2"	1/2"	36"			
25	1	CHARBROILER				3/4"	45	12"
28	1	GRIDDLE				3/4"	162	12"
30	1	HOTPLATE				3/4"	240	12"
32	1	CHEESE MELTER				3/4"	30	60"
34	1	BATTERY FRYER				1"	255	12"
36	1	ICE MAKER W/ BIN	3/8"		60"			
58		NOT USED						
64	1	SODA DISPENSER	1/2"		48"			
66	1	SOILED DISHTABLE	1/2"	1/2"	20"			
68	1	DISHWASHER			20"			
73	1	3 COMPARTMENT SINK	1/2"	1/2"	20"			
80	1	UNDERCOUNTER DISHWASHER	1/2"	1/2"	10"			
81	2	WET WASTE SINK	1/2"	1/2"	10"			
90	2	UNDERBAR SINK	1"	3/8"	10"			

REMARKS:

1. EQUIPMENT ON SCHEDULE FURNISHED BY OTHERS.
2. EQUIPMENT SUBJECT TO CHANGE, FIELD VERIFY EQUIPMENT W/ OWNER AND ARCHITECT.
3. FIELD VERIFY PLUMBING REQUIREMENTS FOR ALL EQUIPMENT.
4. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
5. COORDINATE EXACT LOCATION OF EQUIPMENT WITH OWNER.



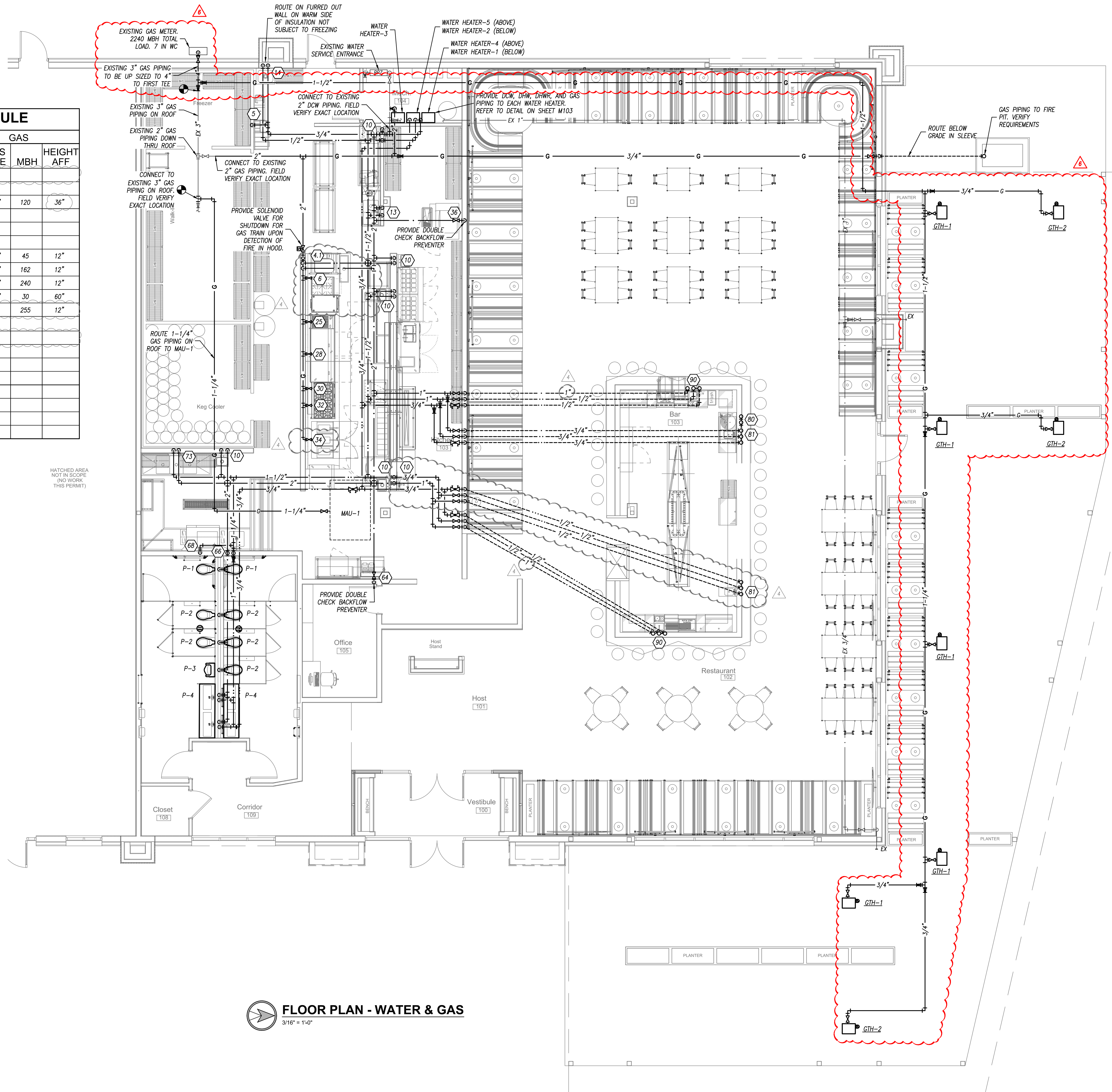
FDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-350

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	---
TANK WATER CLOSET	5	---
URINAL	5	---
LAVATORY/SINK	1.5	1.5
JANITOR'S SINK	3	3
SHOWER/BATHTUB	2	2

FOR BATTERIES & FIXTURES, PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WAITS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

WATER HAMMER ARRESTERS

NOT TO SCALE



 **FLOOR PLAN - WATER & GAS**
3/16" = 1'-0"

[illegible]

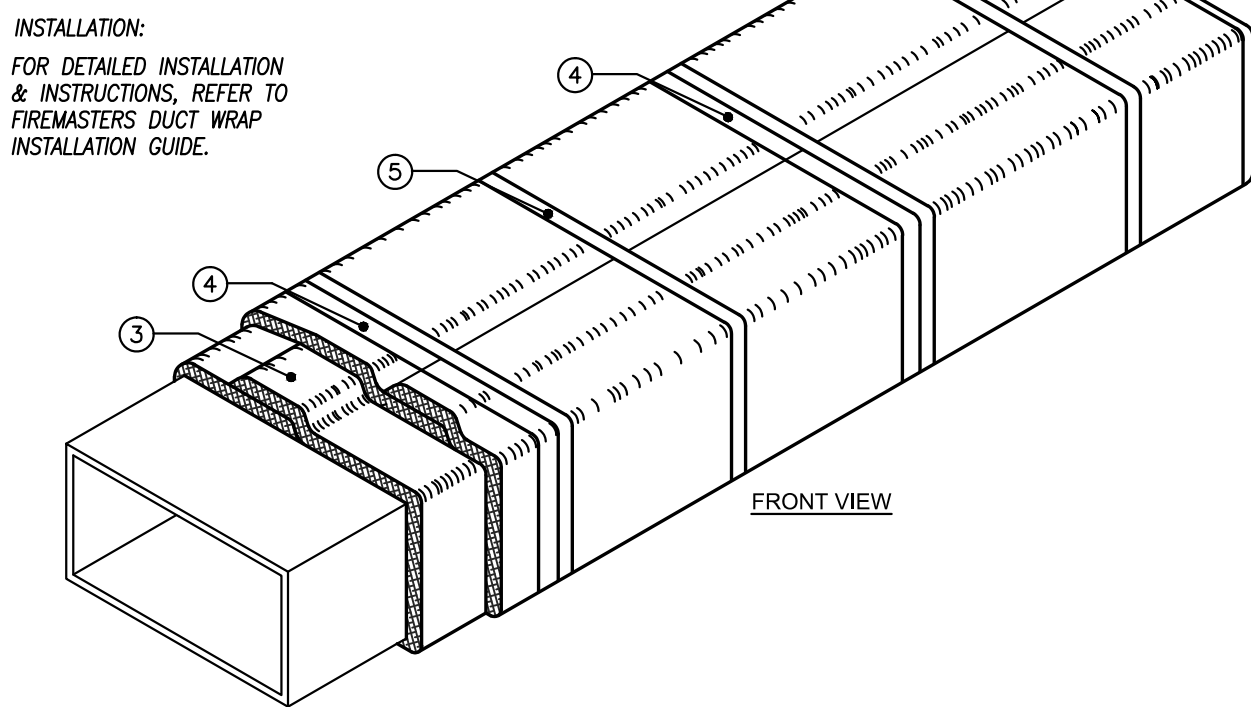
EXHAUST FAN SCHEDULE											
PLAN MARK	MANUFACTURER	MODEL NUMBER	MOUNTING	SERVICE	CFM	STATIC PRESSURE	ELECTRICAL	DRIVE	DISCONNECT	DAMPER	NOTES
EF-1	GREENHECK	GB-100	ROOF	EXHAUST	600	3/4"	1/4 HP, 120V, 1 PH.	BELT	YES	MOTORIZED	1,2

GRILLE, REGISTER & DIFFUSER SCHEDULE								
PLAN MARK	MANUFACTURER	MODEL NUMBER	SERVICE	MOUNT TYPE	VOLUME DAMPER	MATERIAL	MATERIAL COLOR	NOTES
A	PRICE	FPD	SUPPLY	GRID	NO	STEEL	WHITE	2
B	PRICE	SMD-1	SUPPLY	FLANGE	YES	STEEL	WHITE	1
C	PRICE	SDGE	SUPPLY	ROUND DUCT	YES	STEEL	GALVANIZED	
D	PRICE	PDR	RETURN	GRID	NO	STEEL	WHITE	
E	PRICE	S3S	RETURN	FLANGE	NO	STEEL	WHITE	
F	PRICE	S3S	EXHAUST	FLANGE	YES	STEEL	WHITE	

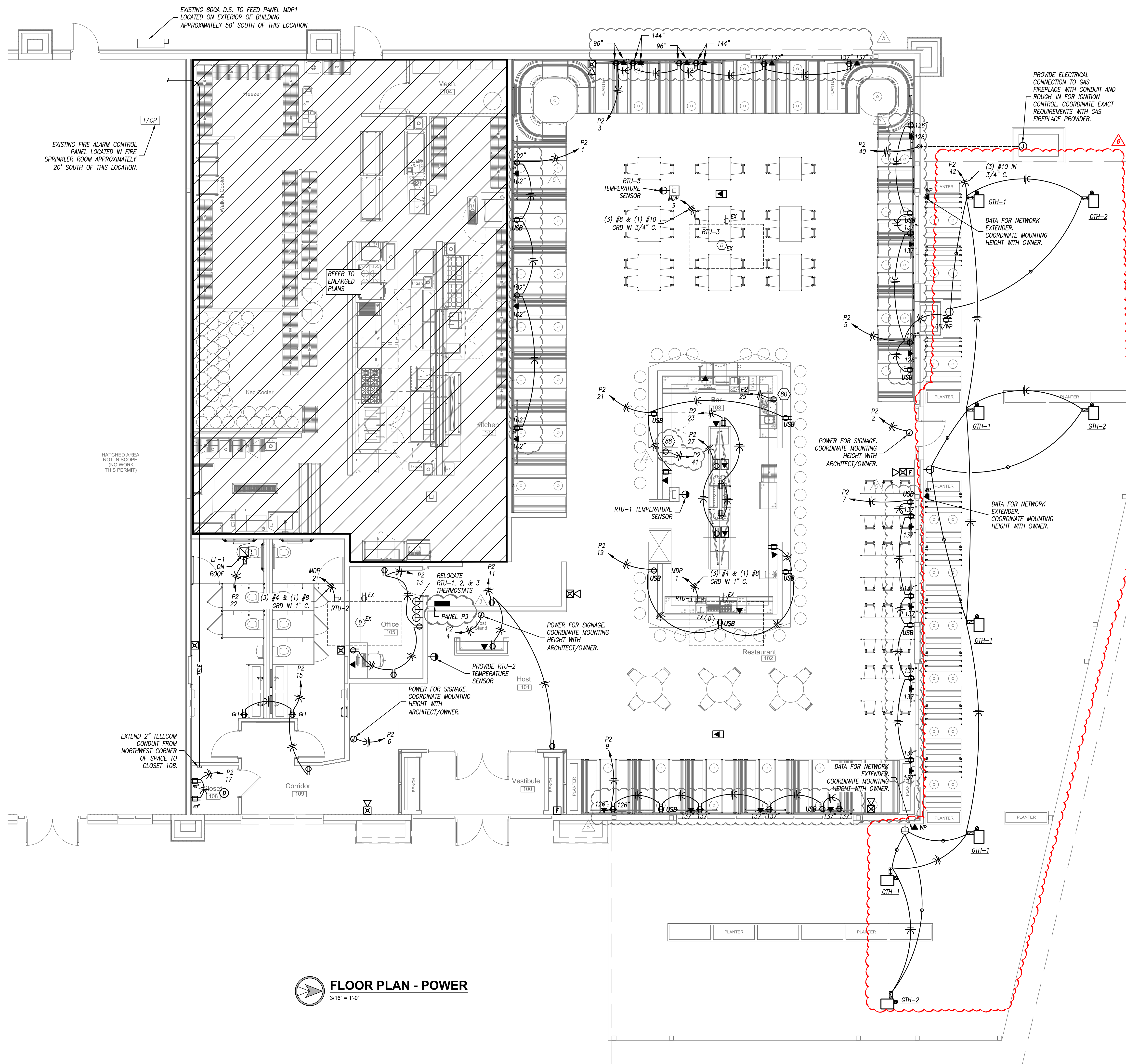
GAS UNIT HEATER SCHEDULE					
PLAN MARK	MANUFACTURER	MODEL NUMBER	CAPACITY (BTUH)	ELECTRICAL	NOTES
GTH-1	REZNOR	VZH-40-20"	40,000	120 V., 1 PH, 1 AMP	1,2
GTH-2	REZNOR	VZH-60-20"	60,000	120 V., 1 PH, 1 AMP	1,2

NOTES LEGEND

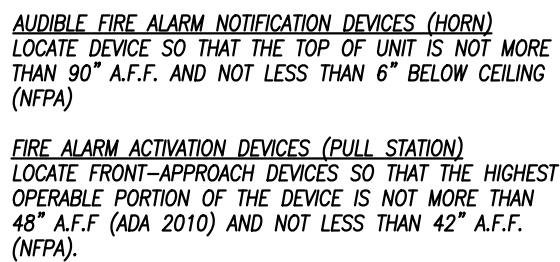
1. PROVIDE ADJUSTABLE THERMOSTAT WITH SUMMER/WINTER SWITCH. 2 TO 3 HEATERS PER THERMOSTAT. REFER TO
2. PROVIDE WITH DISCONNECT SWITCH

[illegible]

orientation	
project number	232882
scale	As Noted
date	8/30/2024
sheet title	HVAC Details
sheet number	



 **FLOOR PLAN - POWER**
3/16" = 1'-0"



NOT TO SCALE



NOTES LEGEND

1. PROVIDE DIMMABLE LED DRIVER UNIVERSAL VOLTAGE.
2. PROVIDE WITH PHILIPS BW, A19 WARM GLOW LED DIMMABLE BULB.
3. PROVIDE WET LOCATION RATED FIXTURE.
4. PROVIDE COLD LOCATION RATED BALLAST.
5. PROVIDE 1 CIRCUIT SURFACE TRACK -- REFER TO PLANS FOR TRACK LENGTH AND CONFIGURATION. PROVIDE ALL NECESSARY POWER FEEDS AND ACCESSORIES FOR COMPLETE INSTALLATION TRACK AND COMPONENT FINISHES TO MATCH FIXTURE. PROVIDE EACH TRACK RUN WITH 3 AMP CURRENT LIMITER.
6. PROVIDE EMERGENCY BATTERY MINIMUM OF 1000 LUMENS FOR 90 MINUTES



NOTES LEGEND

- ~~1. PROVIDE HOA SWITCH THROUGH FRONT COVER.
 2. CONTRACTOR SHALL BE CONTROLLED VIA SCENE CONTROLLER. OPEN CONTRACTS SHALL TURN ELECTRIC HEAT OFF AND CLOSED CONTACTS SHALL TURN ELECTRIC HEAT ON.~~

NOTES LEGEND

- ~~1. PROVIDE WITH REMOTE CONTROLLER AND SERVICE DISCONNECT. CONTROLLER SHALL CONTROL MULTIPLE HEATERS ON THE SAME ZONE. SEE POWER PLANS AND CONTRACTOR SCHEDULE FOR ZONES. INSTALL PER MANUFACTURERS INSTRUCTIONS~~
- ~~2. CONNECT EACH HEATER VIA (2) #12 & (1) #12 GRD IN 3/4" C. THOUGH LIGHTING CONTRACTOR INDICATED ON PLANS~~

SINGLE-SECTION PANELBOARD SCHEDULE

PANEL DESIGNATION: P2					CIRCUIT #	MAIN LUG AMPS: 225 MAIN BREAKER: M.L.O. VOLTAGE: 208/120 PHASE/WIRE: 3Ø, 4W					SCCR RATING (AIC): 35,000				
MOUNTING: SURFACE LOCATION: MECH 104						C/B		C/B			PHASE		DESCRIPTION		
DESCRIPTION	PHASE			TRIP		POLE	POLE	TRIP	A	B	C				
	A	B	C												
REC-RESTAURANT	720			20		1	1	2	1	20	1000			LIGHT UP SIGN	
REC-RESTAURANT		540		20	1	3	4	1	20		1000		LIGHT UP SIGN		
REC-RESTAURANT			540	20	1	5	6	1	20			1000	LIGHT UP SIGN		
REC-RESTAURANT	540			20	1	7	8	1	20	1150			LIGHTING-KITCHEN/OFFICE		
REC-RESTAURANT		540		20	1	9	10	1	20		750		LIGHTING-HOST/RR		
REC-HOST			540	20	1	11	12	1	20			540	LIGHTING-RESTAURANT		
REC-OFFICE	720			20	1	13	14	1	20	1160			LIGHTING-BAR		
REC-RESTROOMS		540		20	1	15	16	1	20		320		LIGHTING-PATIO		
REC-CLOSET			720	20	1	17	18	1	20			1500	PATIO CEILING FANS		
REC-BAR - GFI	900			20	1	19	20	1	20	1800			BULK CO2 TANK		
REC-BAR - GFI		720		20	1	21	22	1	15		700		EF-1		
REC-BAR - GFI			1080	20	1	23	24	1	15			520	DEF-1		
UNDERCOUNTER DISHWASHER-GFI	420			20	1	25	26	3	20	1000			KEF-1		
REC-BAR TVS		360		20	1	27	28	-	-		1000		-		
REC-MECH			360	20	1	29	30	-	-			1000	-		
WATER HEATER-1	200			20	1	31	32	3	20	1230			KEF-2		
WATER HEATER-2		200		20	1	33	34	-	-		1230		-		
WATER HEATER-3			200	20	1	35	36	-	-			1230	-		
WATER HEATER-4	200			20	1	37	38	1	20	600			LIGHTING INVERTER		
WATER HEATER-5		200		20	1	39	40	1	20		500		FIRE PIT		
REFRIGERATED CABINET-GFI			840	20	1	41	42	1	15			800	GAS UNIT HEATERS		
SPARE	-			20	1	43	44	-	-				SPARE		
SPARE	-	-		20	1	45	46	1	20		-		SPARE		
SPARE	-		-	20	1	47	48	1	20		-		SPARE		
SPARE	-			20	1	49	50	1	-	-			SPACE		
SPARE	-	-		20	1	51	52	1	-	-			SPACE		
SPARE	-		-	20	1	53	54	1	-	-		-	SPACE		
SPACE	-		-	-	1	55	56	1	-	-			SPACE		
SPACE	-	-		-	1	57	58	1	-	-		-	SPACE		
SPACE	-		-	-	1	59	60	1	-	-			SPACE		
TOTALS	3700	3100	4280							7940	5500	6590	TOTALS		

CONNECTED PHASE LOADS		
PHASE	VA	AMPS
A	11,640	96.9
B	8,600	71.6
C	10,870	90.5
TOTALS	31,110	86.4

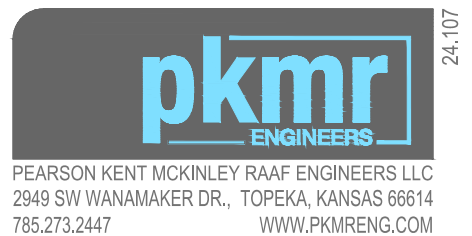
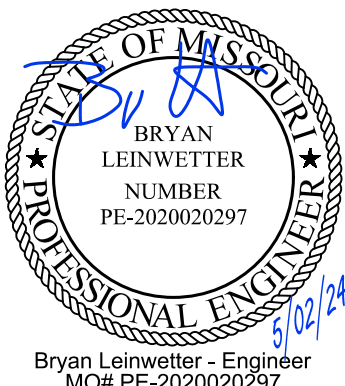
REMARKS:
1. EATON POW-R-LINE 2X OR EQUAL

[illegible]

CONNECTED PHASE LOADS		
PHASE	VA	AMPS
A	34,600	288.1
B	31,140	259.3
C	31,140	259.3
TOTALS	96,880	268.9

REMARKS:
1. EATON POW-R-LINE 2X OR EQUAL

These drawings may have been reproduced at a size different than originally drawn. Owner and Architect assume no responsibility for use of incorrect scale. Contractor shall verify all existing conditions prior to proceeding with construction and notify architect immediately of any discrepancies or conflicts.



30hop SOWP
1020 NW Pryor Road,
Lees Summit,MO 64081
30hop
owner

[illegible]

orientation

project number 232882

scale As Noted

date 8/30/2024

sheet title Panelboard Schedules

sheet number

E302

E302