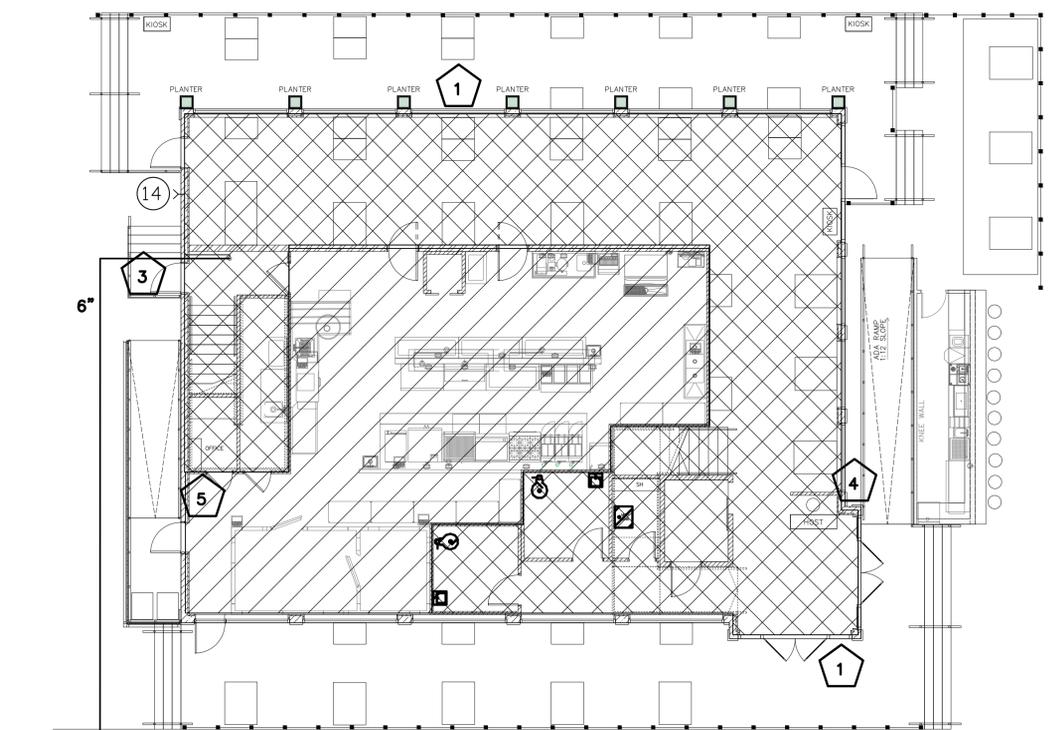


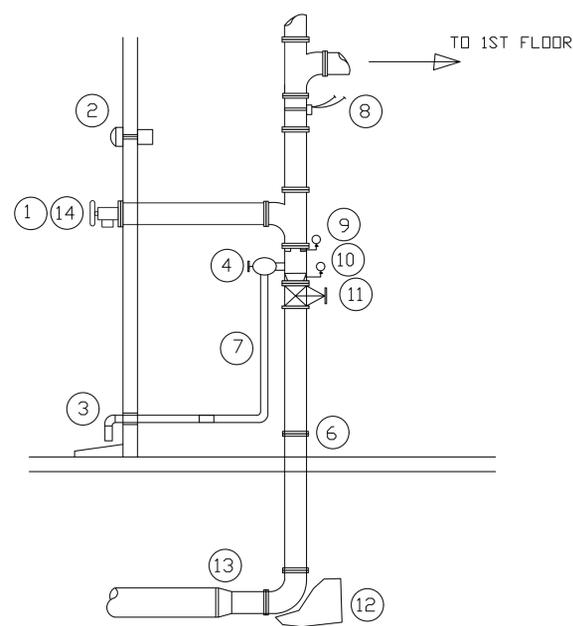
**1** FIRE SPRINKLER SPECIFICATION - 1ST FLOOR  
1/8" = 1'-0"



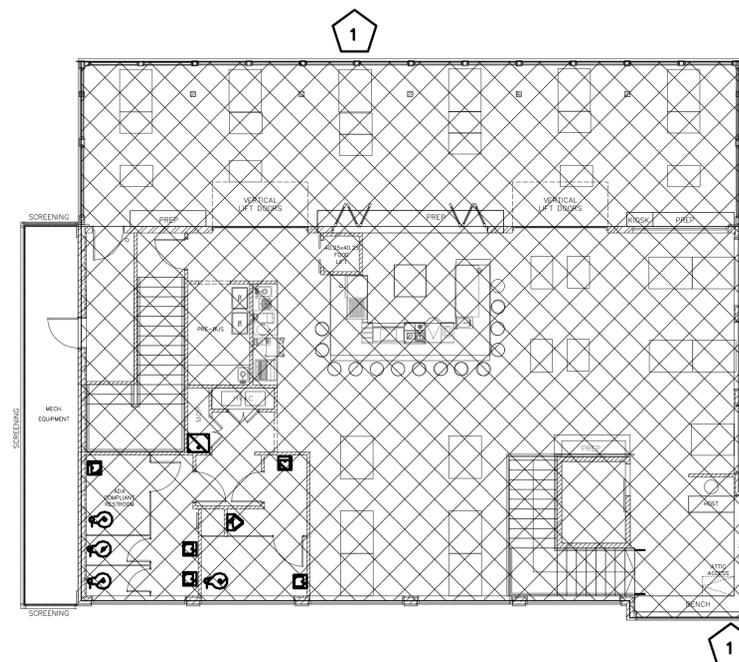
DETAIL "A"  
FIRE RISER

FIRE RISER NOTES:

- 1 PROVIDE SIGNAGE FOR FDC AND TEST HEADER
- 2 ELECTRIC BELL
- 3 SPILL ON GRADE
- 4 MAIN DRAIN VALVE
- 5 4"x2-1/2"x2-1/2" SIAMESE CONNECTION FDC AT STREET.
- 6 BDR: 4" FIRE SPRINKLER RISER
- 7 MAIN DRAIN
- 8 FLOW SWITCH SHALL BE LOCATED A MINIMUM OF 6" UPSTREAM OF ELBOW, IN ACCORDANCE WITH MANUFACTURER PRINTED INSTRUCTIONS. TIE IN TO SILENT KNIGHT BLDG ALARM PANEL.
- 9 PRESSURE GAGE
- 10 WET PIPE ALARM CHECK VALVE
- 11 DS&Y GATE VALVE W/ TAMPER SWITCH
- 12 THRUST BLOCK
- 13 6" TO 4" REDUCER
- 14 PROVIDE VALVE AND PIPING FOR FORWARD FLOW BFP TEST. PIPING AND VALVES AND FITTINGS SHALL MATCH BFP SIZE.
- 15 PROVIDE INSPECTOR'S TEST CONNECTION. COORDINATE LOCATION WITH CITY FIRE DEPT.



**1** FIRE SPRINKLER SPECIFICATION - 2ND FLOOR  
1/8" = 1'-0"



**KEY NOTES:**

- 1 PROVIDE AUTOMATIC WET PIPE SPRINKLER THROUGHOUT. FACILITY IS TWO STORY WITH MECH TOWER - 6,200 SQ. FT. TOTAL.
- 2 FIRE RISER.
- 3 VERIFY WITH OWNER & AHJ, THE MOST PREFERRED LOCATION OF FIRE RISER/PANEL. FOLLOW LOCAL CODES REGARDING ALARM VALVE PIPING AND ALARM SUPERVISION.
- 4 NEW INSPECTOR'S TEST STATION AT REMOTE LOCATION OF FACILITY.
- 5 PROVIDE ANSUL REMOTE PULL STATION

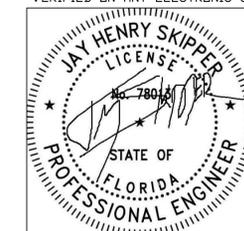
BUILDING LAYOUT - OCCUPANCY HAZARDS



General Notes

1. PROVIDE AUTOMATIC PIPE SPRINKLER THROUGHOUT. SYSTEM SHALL ADHERE TO THE ATTACHED 61G15 LETTER (dated 23 FEB 2025)
2. PROVIDE FDC AT BACKFLOW PREVENTER.
3. CITY HISTORICAL DATA SHOW WATER STATIC PRESSURE 65PSI AND RESIDUAL PRESSURE 49PSI FLOWING 1,100GPM.
4. PERFORM PRELIMINARY HYDRANT FLOW TEST FOR UP TO DATE WATER AVAILABILITY.
5. BEFORE INSTALLATION BEGINS, PROVIDE FIRE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATIONS CERTIFIED BY NICET III TECHNICIAN TO THE LOCAL AHJ. COMPLY WITH NFPA 13 AND ALL LOCAL CODES.
6. INSTALLATION SHALL COMPLY WITH 2023 FLORIDA BUILDING CODE, NFPA 70, NFPA 101.
7. INSTALLATION SHALL COMPLY WITH 2022 NFPA 13.
8. SPECIAL NOTE: PROVIDE ANSUL CHEMICAL FIRE SUPPRESSION SYSTEM WITH KITCHEN HOOD.
9. PROVIDE PROTECTION FOR ATTIC AND COVERED PORCHES PER NFPA 13.

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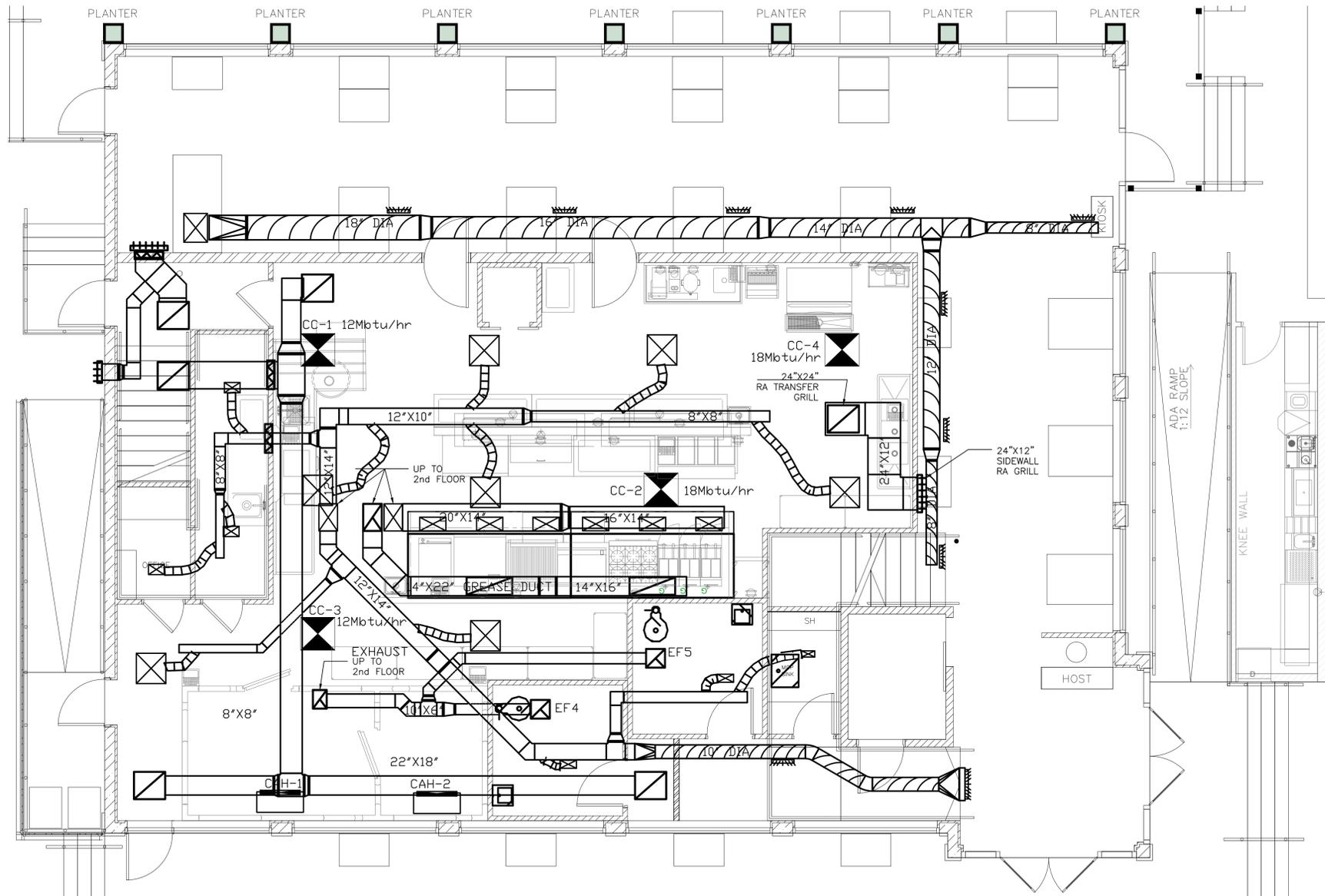
No.	Revision/Issue	Date

Firm Name and Address  
**SKIPPER ENGINEERING LLC**  
311 SUDDUTH CIRCLE NE  
FT. WALTON BEACH, FL  
(850) 865-4653  
jay.h.skipper@gmail.com

Project Name and Address  
**Pier Park Restaurant**  
16201 Front Beach Rd.  
Panama City Beach, FL 32413  
**FIRE SPRINKLER  
PERF. SPEC.**

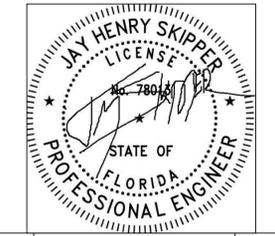
Project	Sheet
Date 26 FEB 2026	FP1
Scale 1/8"=1'	D

**1 HVAC - 1st FLOOR - NEW WORK**  
1/4" = 1'-0"



SYMBOL LEGEND	
	200 CFM AIRFLOW
	7" FLEX DUCT CONNECTION OR aa"xbb" DIFFUSER SIZE
	6 PLACES (TYPICAL)
	150 CFM AIRFLOW
	EF - EXHAUST FAN. PROVIDE BACKDRAFT DAMPER.
	T - THERMOSTAT
	RA - RETURN AIR
	OA - OUTSIDE AIR
	MUA - MAKE-UP AIR
	UC - DOOR UNDERCUT FOR RA
	DG - DOOR GRILL
	GH - GAS HEATER
	MANUAL BALANCING DAMPER
	FL - 2HR FIRE DAMPER (FUSIBLE LINK)
	MD - MOTORIZED DAMPER (LOW LEAKAGE)
	BACKDRAFT DAMPER (GRAVITY TYPE)
	SUPPLY GRILLE WITH BALANCING REGISTER
	SUPPLY GRILLE
	RETURN GRILLE MINIMUM CAN SIZE 20" DIA.
	EXHAUST GRILLE
	THERMOSTAT nomenclature: T2 Thermostat to AHU 2.
	POINT OF CONNECTION TO EXISTING
	DOUBLE-WALL METAL SPIRAL DUCT

- General Notes
- THIS DESIGN IS COMPLIANT WITH ASHRAE HANDBOOK OF FUNDAMENTALS.
  - INSTALLATION SHALL COMPLY WITH 2023 FLORIDA MECHANICAL CODE.
  - INSTALLATION SHALL COMPLY WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. PROVIDE MANUAL BALANCING DAMPERS FOR EACH SUPPLY DIFFUSER.
  - ALL DUCT DIMENSIONS ARE INTERNAL DIMENSIONS. DUCTWORK TYPE/FINISH SHALL BE DOUBLE WALL METAL SPIRAL IN EXPOSED DINING AREAS.
  - TYPE/FINISH IN ABOVE CEILING AREAS SHALL BE DUCTBOARD R6 INSULATION. PROVIDE RESTROOM EXHAUST FANS AT CEILING WITH BACKDRAFT DAMPERS, ROUTE OUTSIDE.
  - ROUTE ALL CONDENSATE FROM HVAC EQUIPMENT OUTSIDE TO 6" DIA. DRY WELL, 18" DEEP. FILL WITH GRAVEL.
  - PROVIDE FUSIBLE LINK FIRE DAMPERS AT ANY STAIRWELL DUCT PENETRATIONS.
- THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JAY H. SKIPPER, P.E. ON 26 FEB 2026. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



MARK	FAN DATA			DIRECT EXPANSION COIL DATA			ELECTRICAL DATA			NOTES: BASIS OF DESIGN - CARRIER INFINITY 16 SEER2 COASTAL HEAT PUMP	
	TOTAL AIR CFM	OUTSIDE AIR CFM	EXTERNAL STATIC PRESSURE INCHES H <sub>2</sub> O	TOT. COOLING CAP. MBTU/HR	SENSIBLE HEAT RATIO	MINIMUM SEER	AUX. HEATER KW	HPCU FLA	AHU FLA		VOLTS/PHASE/HERTZ
HPCU-1/AHU-1	2,100	250	1.5	60	0.6	16	5	35.4	30.8	240 1 60	MODEL #: 25HNB6**C
HPCU-2/AHU-2	2,100	0	1.5	60	0.6	16	5	35.4	30.8	240 1 60	MODEL #: 25HNB6**C
HPCU-3/AHU-3	2,100	250	1.5	60	0.6	16	5	35.4	30.8	240 1 60	MODEL #: 25HNB6**C
HPCU-4/AHU-4	2,100	250	1.5	60	0.6	16	5	35.4	30.8	240 1 60	MODEL #: 25HNB6**C

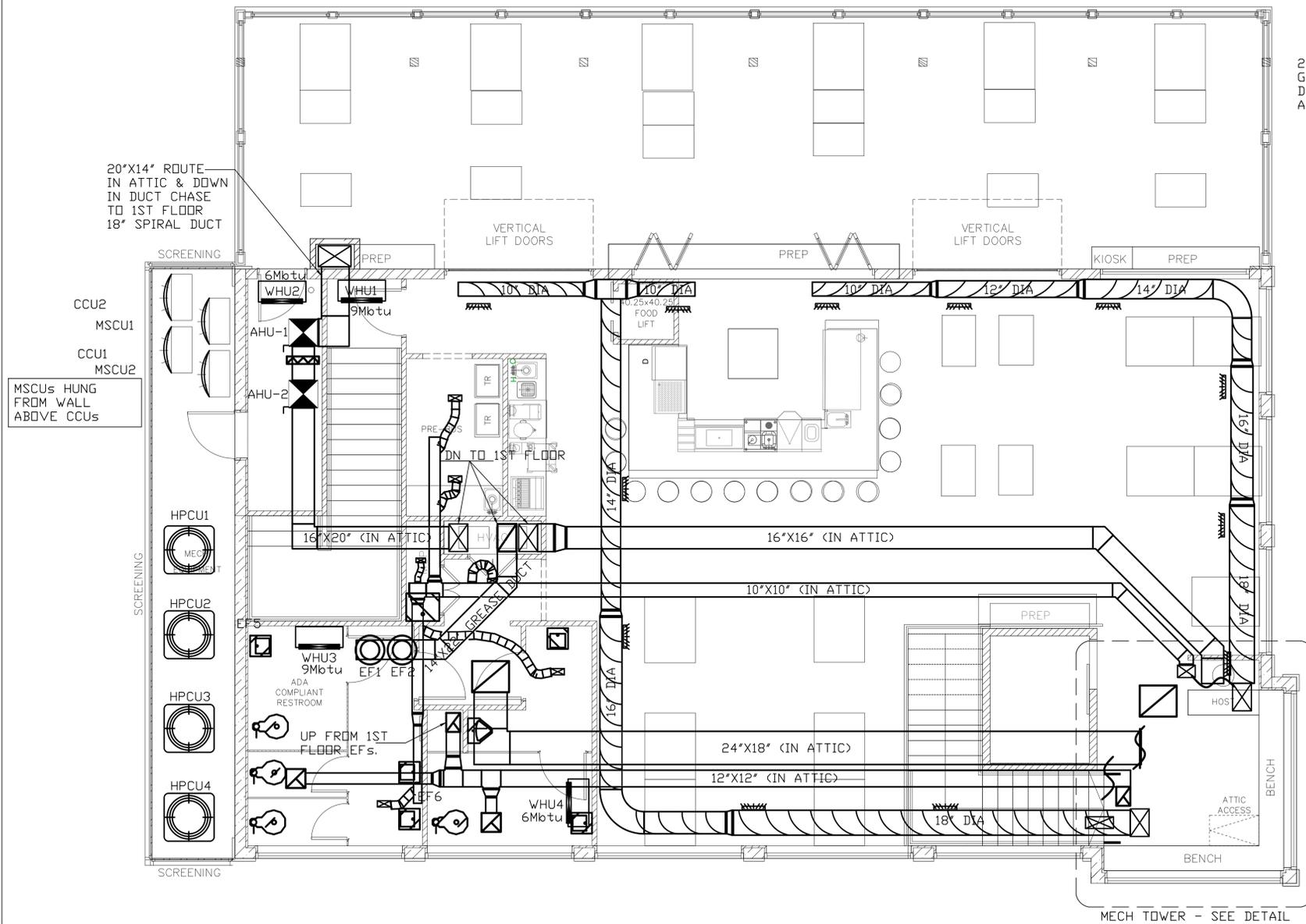
- SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE NOTES:**
- PROVIDE ANTI-SHORT CYCLE TIMER
  - PROVIDE WEATHER SHIELD PROTECTION PACKAGE
- SHEET NOTES:**
- ALL DIMENSIONS SHOWN ARE INTERNAL DIMENSIONS.
  - PROVIDE EXHAUST FANS AT CEILING WITH BACKDRAFT DAMPERS. ROUTE DUCT TO OUTSIDE AS SHOWN.
  - SECURE CONDENSING UNIT OUTDOOR PLATFORM PER MANUFACTURER'S INSTRUCTIONS

MARK	FAN DATA			DIRECT EXPANSION COIL DATA			ELECTRICAL DATA			NOTES:	
	TOTAL AIR CFM	EXTERNAL STATIC PRESSURE INCHES H <sub>2</sub> O	FAN MOTOR (WATTS)	TOT. COOLING CAP. MBTU/HR	SENSIBLE HEAT RATIO	TOT. HEATING CAP. MBTU/HR	MINIMUM SEER	UNIT MCA	UNIT MOP		VOLTS/PHASE/HERTZ
MSCU-1/CC-1,WHU-1,CC-3,WHU-3	405 ea.	0.1	120 ea.	36	0.7	36	19	34.2	40	230 1 60	3ton Multi w/ 4 heads
MSCU-2/CC-2,WHU-2,CC-4,WHU-4	405 ea.	0.1	120 ea.	36	0.7	36	19	34.2	40	230 1 60	3ton Multi w/ 4 heads

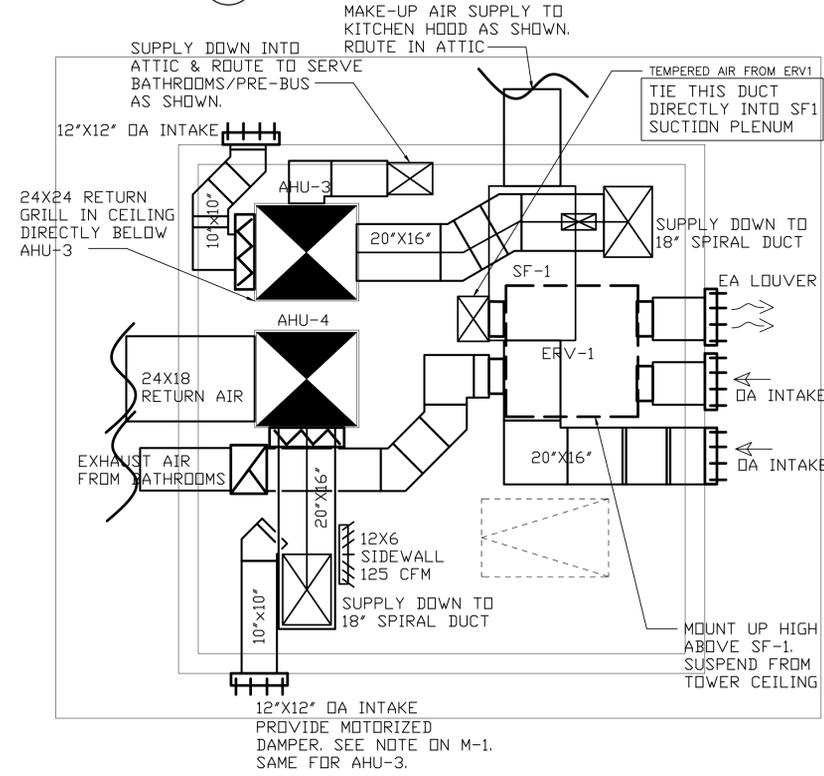
MARK	FAN DATA		DIRECT EXPANSION COIL DATA		ELECTRICAL DATA			BASIS OF DESIGN:Bohm DDE Compliant	
	TOTAL AIR CFM	FAN MOTOR (WATTS)	TOT. COOLING CAP. BTU/HR	MINIMUM SEER	UNIT MCA	VOLTS/PHASE	HERTZ	CCU-1/CAH-1 - COOLER	CCU-2/CAH-2 - FREEZER
CCU-1/CAH-1	375	200	7020 @ 34F	16	15	230 1	60	CCU-1: BCH0005MBA ; CAH-1:BEL0055AS6	
CCU-2/CAH-2	375	120	8273 @ -10F	16	37.5	230 1	60	CCU-2: BCH0025LBA ; CAH-2:BEL0070BS4	

No.	Revision/Issue	Date
Firm Name and Address <b>SKIPPER ENGINEERING LLC</b> 311 SUDDUTH CIRCLE NE FT. WALTON BEACH, FL (850) 865-4653 jay.h.skipper@gmail.com		
Project Name and Address <b>Pier Park Restaurant</b> 16201 Front Beach Rd. Panama City Beach, FL 32413		
<b>HVAC</b> <b>1st FLOOR</b>		
Date	26 FEB 2026	M-1
Scale	1/4"=1'	

**1 HVAC - 2ND FLOOR NEW WORK**  
1/4" = 1'-0"

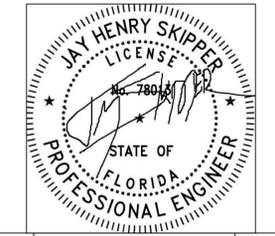


**2 HVAC - TOWER/MECH ROOM**  
1/2" = 1'-0"



- General Notes
- THIS DESIGN IS COMPLIANT WITH ASHRAE HANDBOOK OF FUNDAMENTALS.
  - INSTALLATION SHALL COMPLY WITH 2023 FLORIDA MECHANICAL CODE.
  - INSTALLATION SHALL COMPLY WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. PROVIDE MANUAL BALANCING DAMPERS FOR EACH SUPPLY DIFFUSER.
  - ALL DUCT DIMENSIONS ARE INTERNAL DIMENSIONS. EXPOSED DUCTWORK TYPE/FINISH SHALL BE DOUBLE WALL METAL SPIRAL & DUCTBOARD R6 INSULATION ABOVE CEILINGS & IN ATTIC. PROVIDE RESTROOM EXHAUST FANS AT CEILING WITH BACKDRAFT DAMPERS, ROUTE TO ERV-1.
  - CUT AND INSTALL WALL LOUVERS FOR OUTSIDE AND EXHAUST AIR IN THE MECH TOWER TO BE HIDDEN BEHIND THE SHUTTERS.
  - ROUTE ALL CONDENSATE FROM HVAC EQUIPMENT OUTSIDE TO 6" DIA. DRY WELL, 18" DEEP. FILL WITH GRAVEL.

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 FT. WALTON BEACH, FL  
 (850) 865-4653  
 jay.h.skipper@gmail.com

Project Name and Address  
**Pier Park Restaurant**  
 16201 Front Beach Rd.  
 Panama City Beach, FL 32413  
**HVAC**  
**2ND FLOOR**

Project	Sheet
Date	26 FEB 2026
Scale	1/4"=1'
	<b>M-2</b>

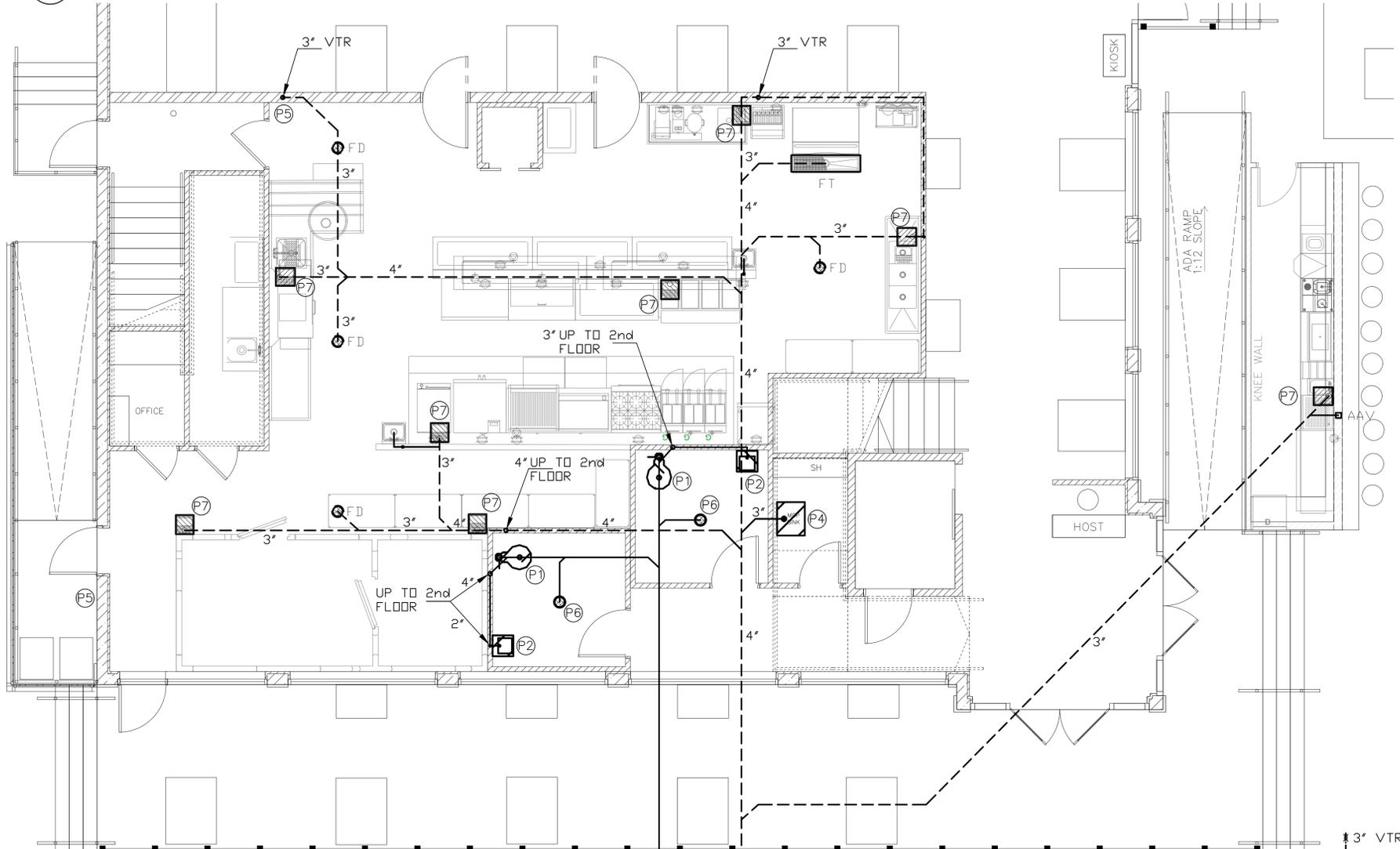
(2) KITCHEN 10ft HOOD EXHAUST FAN SCHEDULE

MARK	FAN DATA			ELECTRICAL DATA				NOTES: BASIS OF DESIGN:	
	TOTAL AIR CFM	EXTERNAL STATIC PRESSURE INCHES H <sub>2</sub> O	FAN MOTOR (HP)	(FLA) MCA	FUSE	VOLTS	PHASE		HERTZ
EF-1	2,144	0.949	1	(7) 9	20	208	1	60	ACCUREX
EF-2	2,532	0.956	1	(7) 9	20	208	1	60	ACCUREX
RESTROOM EXHAUST FAN SCHEDULE									
EF-3,4,5,6	110	0.1	1/6	2	15	115	1	60	PANASONIC

KITCHEN HOOD MAKE-UP AIR FAN SCHEDULE

MARK	FAN DATA			ELECTRICAL DATA				NOTES: BASIS OF DESIGN:	
	TOTAL AIR CFM	EXTERNAL STATIC PRESSURE INCHES H <sub>2</sub> O	FAN MOTOR (HP)	(FLA) MCA	FUSE	VOLTS	PHASE		HERTZ
SF-1	3,740	0.65	2	(12) 15	30	208	1	60	ACCUREX
MAKE-UP AIR ENERGY RECOVERY VENTILATOR									
ERV-1	707	0.4	0.9	5.58	10	120	1	60	FANTECH SER 700

**1 PLUMBING - 1st FLOOR - WASTE & VENT**  
1/4" = 1'-0"



**FACILITY WATER SERVICE & PLUMBING FIXTURE SCHEDULE**

SYMBOL	FIXTURE	CONNECTIONS			
		WASTE	CW	HW	GAS
(P1)	WATER CLOSET FLUSH VALVE	3"	1"	--	--
(P2)	LAVATORY	1-1/4"	1/2"	1/2"	--
(P3)	URINAL	1-1/4"	3/4"	--	--
(P4)	MOP SINK	2"	1/2"	1/2"	--
(P5)	HOSE BIB	--	1/2"	--	--
(P6)	FLOOR DRAIN W/ TRAP PRIMER	3"	3/8"	--	--
(P7)	FLOOR SINK	3"	--	--	--
(P8)	WATER HEATER	--	3/4"	3/4"	3/4"
(P9)	GREASE TRAP	4"	--	--	--

**SYMBOL LEGEND**

CD - CLEAN OUT  
WCO - WALL CLEAN OUT  
VTR - VENT THROUGH ROOF  
GM - GAS METER  
PRV - PRESSURE REDUCING VALVE  
AAV - AIR ADMITTANCE VALVE

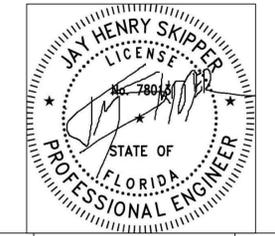
FS FLOOR SINK - SLOPE FLOOR TO SINK  
 FT FLOOR TROUGH - SLOPE FLOOR TO FT  
 FD FLOOR DRAIN - SLOPE FLOOR TO DRAIN  
 POINT OF CONNECTION TO EXISTING

— SANITARY WASTE  
- - - GREASE WASTE  
- · - · VENT

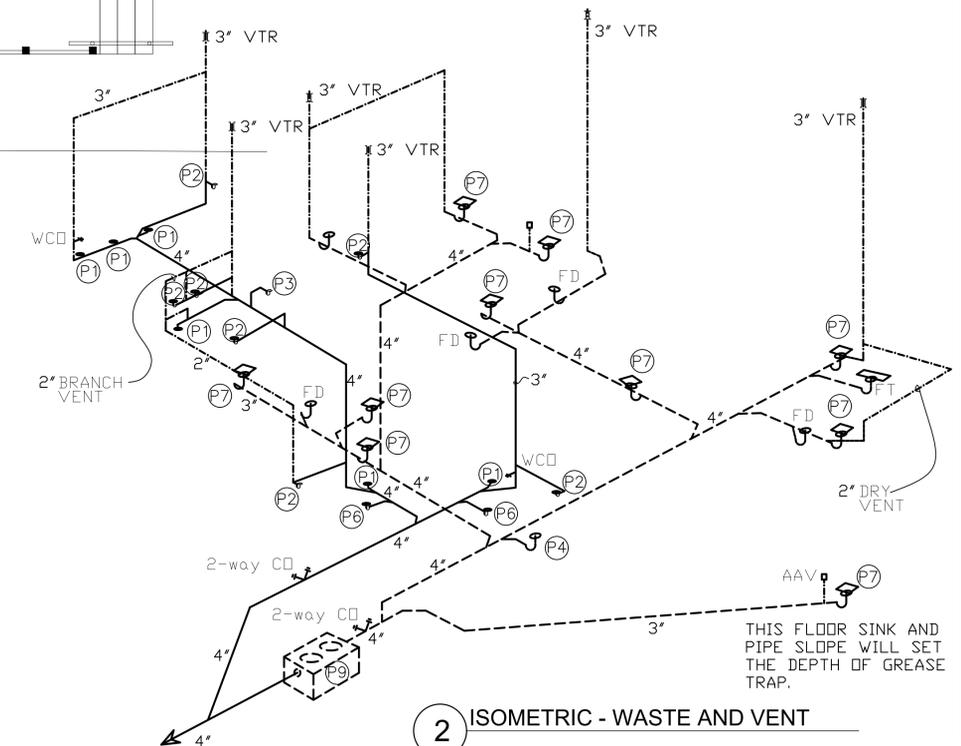
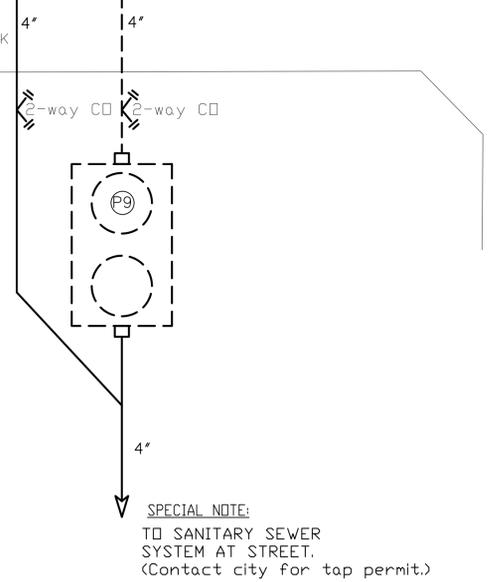
- General Notes**
- INSTALLATION SHALL COMPLY WITH 2023 FLORIDA PLUMBING CODE.
  - CONTRACTOR TO PERFORM DEMOLITION AND VERIFY POINT OF CONNECTION BEFORE PROCURING PLUMBING MATERIALS.
  - ALL WATER SERVICE PLUMBING SHALL BE PEX MATERIAL.
  - VERIFY WITH OWNER, ALL PLUMBING FIXTURES MAKE/MODEL & COLOR.
  - FOR FOOD SERVICE EQUIPMENT PLUMBING CONNECTION SIZES AND LOCATIONS, SEE KESCO SHEET FS-2.
  - ALL KITCHEN EQUIPMENT SHALL INDIRECT DRAIN TO NEAREST FLOOR TROUGH OR FLOOR SINK.

- SPECIAL NOTE:**
- ROUTE GAS LINE EXPOSED ON WALL. ROUTE HIGH ON WALL, BELOW CEILING.
  - GAS LINE SHALL BE CARBON STEEL, SCH. 40. PAINTED YELLOW AND LABELED EVERY 10FT.
  - EACH GAS APPLIANCE SHALL COME WITH INTERNAL GAS PRESSURE REGULATOR PER MANUFACTURER'S INSTRUCTIONS.

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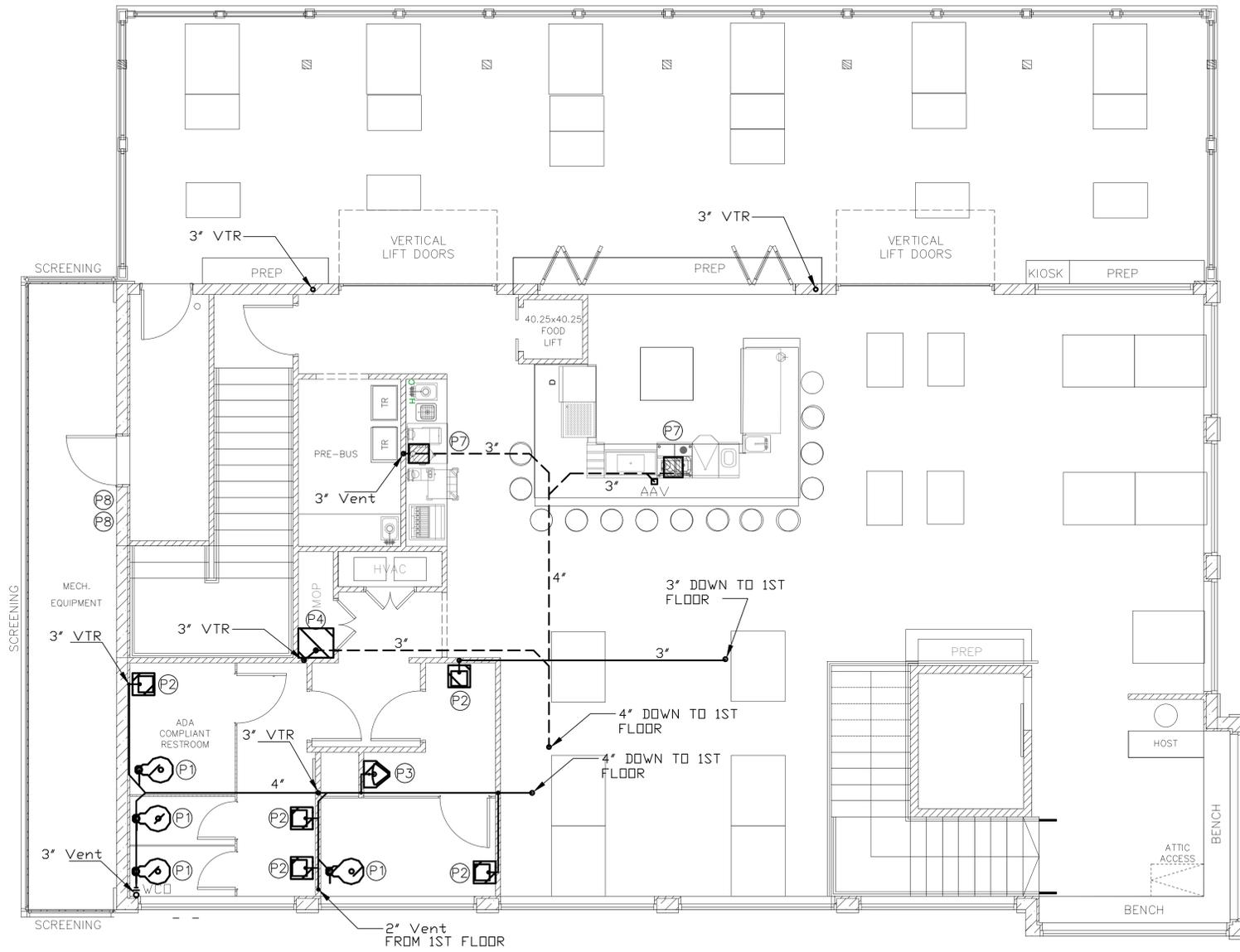
- SPECIAL NOTE:**
- (P1) WATER CLOSET - FLOOR MOUNTED - FLUSH VALVE TYPE - ADA - AMERICAN STANDARD, ELONGATED, WATER SAVER, 1.28 GPF, WHITE VITREOUS CHINA TOILET. SEAT TO BE WHITE SOLID PLASTIC OPEN FRONT, HEAVY DUTY SEAT.
  - (P2) LAVATORY - AMERICAN STANDARD DECLYN WHITE VITREOUS CHINA LAVATORY, DELTA 501LF-HGMHDF 4" CENTERSET FAUCET WITH CHROME SINGLE LEVER HANDLE & A 0.5GPM FLOWRATE.
  - (P6) FLOOR DRAIN - JAY R. SMITH 2005-A5NB-U WITH CAST IRON BODY WITH TYPE "A" STRAINER.  
WALL CLEAN OUT - JAY R. SMITH  
TRAP PRIMER - PRECISION PLUMBING PRODUCTS "DREGON #1" WITH SOFT COPPER TUBING TO DRAIN.
  - (P7) FLOOR SINK - BASIS OF DESIGN (Verify Make/Model with Kitchen Equipment Vendor) Regency 12" x 12" 14-Gauge Stainless Steel Floor Sink w/ removable 1/2" grate.
  - (P8) WATER HEATER - INSTANTANEOUS GAS RINNAI - WALL HUNG FRAME, 2 UNIT, EXTERIOR RATED MODEL# CU199en
  - (P9) GREASE INTERCEPTOR - 1,000 GAL. GRAVITY TYPE PRECAST CONCRETE. UNDERGROUND PER MANUFACTURER'S INSTRUCTIONS. Load Rating: Traffic Full Capacity: 1000 gallons Concrete: 5000 psi. minimum Tank Weight: 9,200 lbs. Approximate size: 66" (w) x 102" (l) x 58" (h)
- Tanks designed in accordance with ASTM C890 and ACI 318 and require 1' minimum coverage depth. Materials and manufacturing conform to ASTM C1227/C1613. PROVIDE ACCESS COVERS CAPABLE OF HANDLING HEAVY TRAFFIC. ELEVATION OF COVERS SHALL BE FLUSH WITH FINISH GRADE TO AVOID TRIPPING HAZARD.



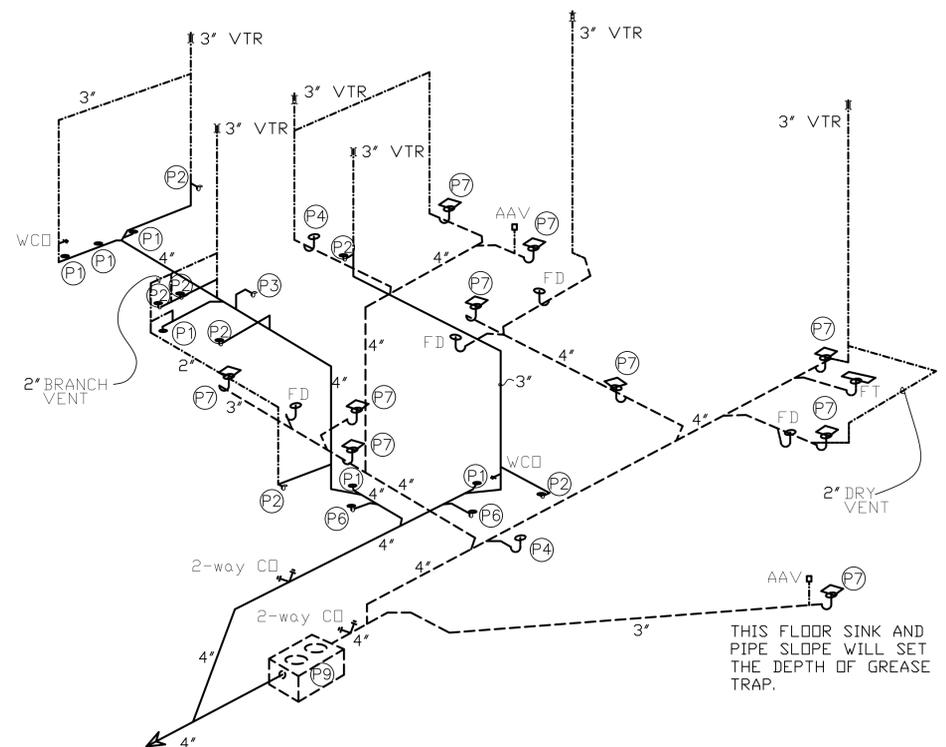
**2 ISOMETRIC - WASTE AND VENT**

No.	Revision/Issue	Date
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<b>SKIPPER ENGINEERING LLC</b>		
311 SUDDUTH CIRCLE NE FT. WALTON BEACH, FL (850) 865-4653 jay.h.skipper@gmail.com		
Project Name and Address		
Pier Park Restaurant 16201 Front Beach Rd. Panama City Beach, FL 32413		
<b>1ST FLOOR WASTE &amp; VENT</b>		
Project	Sheet	
Date	P-1	
26 FEB 2025	D	
Scale	1/4" = 1'	

**1 PLUMBING - 2ND FLOOR - WASTE AND VENT**  
1/4" = 1'-0"



**2 ISOMETRIC - WASTE AND VENT**



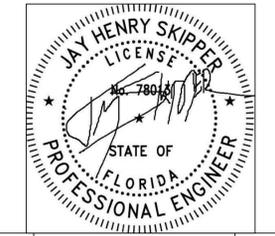
SYMBOL LEGEND	
CD	CLEAN OUT
WCD	WALL CLEAN OUT
VTR	VENT THROUGH ROOF
GM	GAS METER
PRV	PRESSURE REDUCING VALVE
AAV	AIR ADMITTANCE VALVE
FS	FLOOR SINK - SLOPE FLOOR TO SINK
FT	FLOOR TROUGH - SLOPE FLOOR TO FT
FD	FLOOR DRAIN - SLOPE FLOOR TO DRAIN
●	POINT OF CONNECTION TO EXISTING
—	SANITARY WASTE
- - -	GREASE WASTE
- · - · -	VENT

**FACILITY WATER SERVICE & PLUMBING FIXTURE SCHEDULE**

SYMBOL	FIXTURE	CONNECTIONS			
		WASTE	CW	HW	GAS
P1	WATER CLOSET FLUSH VALVE	3"	1"	--	--
P2	LAVATORY	1-1/4"	1/2"	1/2"	--
P3	URINAL	1-1/4"	3/4"	--	--
P4	MOP SINK	2"	1/2"	1/2"	--
P5	HOSE BIB	--	1/2"	--	--
P6	FLOOR DRAIN W/ TRAP PRIMER	3"	3/8"	--	--
P7	FLOOR SINK	3"	--	--	--
P8	WATER HEATER	--	3/4"	3/4"	3/4"
P9	GREASE TRAP	4"	--	--	--

- General Notes
1. INSTALLATION SHALL COMPLY WITH 2023 FLORIDA PLUMBING CODE.
  2. CONTRACTOR TO PERFORM DEMOLITION AND VERIFY POINT OF CONNECTION BEFORE PROCURING PLUMBING MATERIALS.
  3. ALL WATER SERVICE PLUMBING SHALL BE PEX MATERIAL.
  4. VERIFY WITH OWNER, ALL PLUMBING FIXTURES MAKE/MODEL & COLOR.
  5. FOR FOOD SERVICE EQUIPMENT PLUMBING CONNECTION SIZES LOCATIONS & SPECS, SEE KESCO FS SHEETS.
  6. ALL KITCHEN EQUIPMENT SHALL INDIRECT DRAIN TO NEAREST FLOOR TROUGH OR FLOOR SINK.

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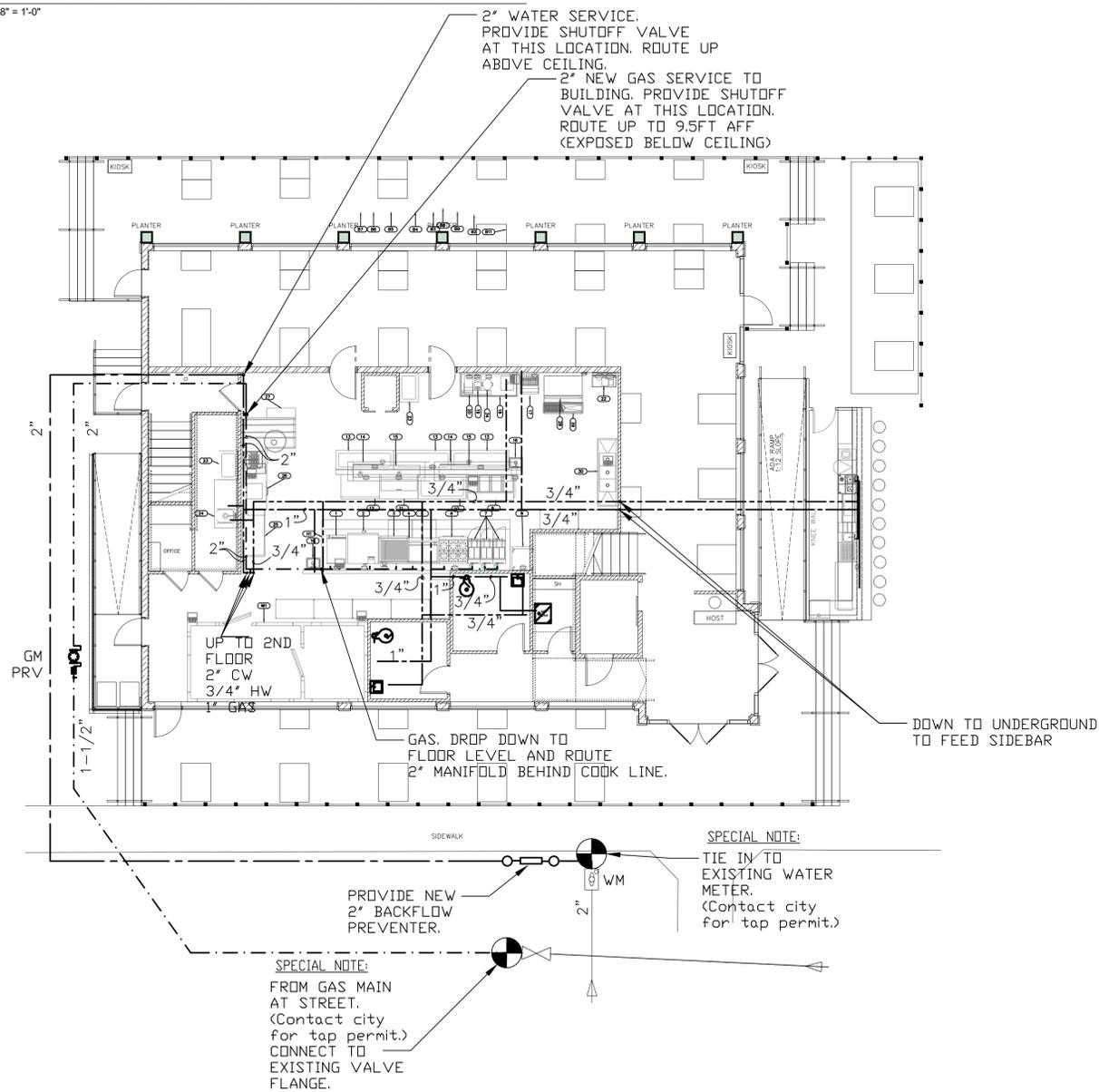
No.	Revision/Issue	Date

Firm Name and Address  
**SKIPPER ENGINEERING LLC**  
 311 SUDDUTH CIRCLE NE  
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 (850) 865-4653  
 jay.h.skipper@gmail.com

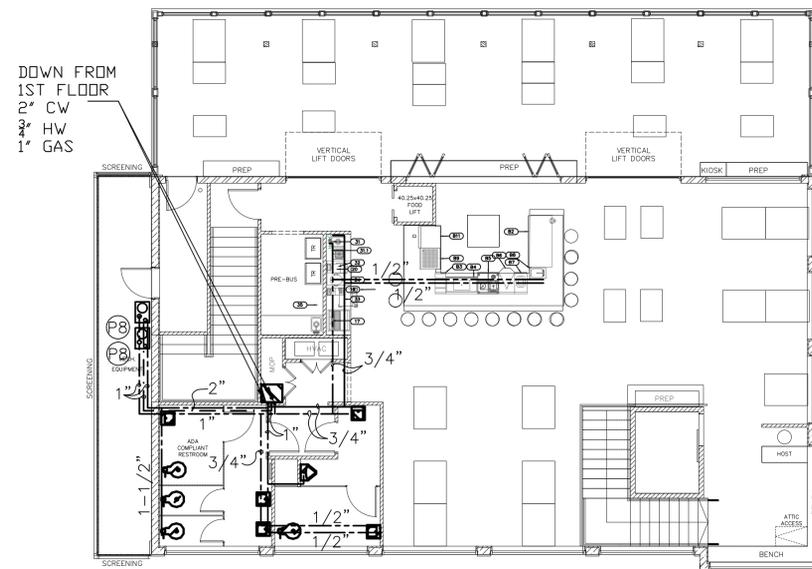
Project Name and Address  
**Pier Park Restaurant**  
 16201 Front Beach Rd.  
 Panama City Beach, FL 32413  
**2ND FLOOR WASTE & VENT**

Project	Sheet
Date 26 FEB 2025	P-2
Scale 1/4"=1'	D

**1 PLUMBING - 1ST FLOOR - WATER & GAS SERVICE**  
1/8" = 1'-0"



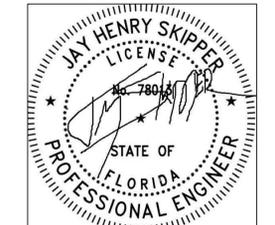
**2 PLUMBING - 2ND FLOOR - WATER & GAS SERVICE**  
1/8" = 1'-0"



- General Notes
- INSTALLATION SHALL COMPLY WITH 2023 FLORIDA PLUMBING CODE.
  - CONTRACTOR TO PERFORM DEMOLITION AND VERIFY POINT OF CONNECTION BEFORE PROCURING PLUMBING MATERIALS.
  - ALL WATER SERVICE PLUMBING SHALL BE PEX MATERIAL.
  - PIPE ROUTE PHILOSOPHY SHALL BE TO ROUTE MAIN LINES HIGH ABOVE CEILING AND DOWN IN-WALL TO EACH FIXTURE. ROUTE 2ND FLOOR MAIN LINES UP TO ATTIC AND DOWN IN-WALL TO EACH FIXTURE.
  - VERIFY WITH OWNER, ALL PLUMBING FIXTURES MAKE/MODEL & COLOR.
  - FOR FOOD SERVICE EQUIPMENT PLUMBING SPECS, FOLLOW KESCO FS SHEETS.
  - ALL KITCHEN EQUIPMENT SHALL INDIRECT DRAIN TO NEAREST FLOOR TROUGH OR FLOOR SINK.

- SPECIAL NOTE:
- ROUTE GAS LINE EXPOSED ON WALL. ROUTE HIGH ON WALL, BELOW CEILING.
  - GAS LINE SHALL BE CARBON STEEL, SCH. 40. PAINTED YELLOW AND LABELED EVERY 10FT.
  - EACH GAS APPLIANCE SHALL COME WITH INTERNAL GAS PRESSURE REGULATOR PER MANUFACTURER'S INSTRUCTIONS.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JAY H. SKIPPER, P.E. ON 26 FEB 2025. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



SHEET NOTE:  
 (P8) WATER HEATER - INSTANTANEOUS GAS RINNAI - WALL HUNG FRAME, 2 UNIT, EXTERIOR RATED MODEL# CU199en  
 PIPE INSULATION INSULATE ALL HOT WATER PIPING WITH 1" THICK ARMA-CELL PIPE INSULATION. INSULATE EXTERIOR COLD WATER FEED TO WATER HEATERS WITH 1" THICK ARMA-CELL PIPE INSULATION. PROTECT EXTERIOR PIPE INSULATION WITH ALUMINUM JACKETING.

**BOH/BAR PLUMBING SCHEDULE**

REVISION	ITEM NUMBER	DESCRIPTION	WATER		WASTE		GAS				REMARKS				
			COLD	HOT	AFF	DIRECT	INDIRECT	AFF	SIZE	TYPE		VERT. (FLOOR)	W.C.	AFF	
	1	STEAMER, GAS						1-1/2"		3/4"	NAT	125	6-10"	16"	DRAIN INDIRECT TO FLOOR SINK
	2	CONVECTION OVEN DBL., GAS								3/4"	NAT	40	6-10"	16"	DRAIN INDIRECT TO FLOOR SINK
	3	CHARBROILER, GAS								3/4"	NAT	102	6-10"	16"	
	5	GRIDDLE, GAS								3/4"	NAT	75	6-10"	16"	
	6	RANGE, 6 BURNER, GAS								3/4"	NAT	213	6-10"	16"	
	7	FRYER, GAS, FLOOR MODEL								3/4"	NAT	136	6-10"	16"	
	9	STEAM TABLE, 4 WELL													
	16	HAND SINK	1/2"	1/2"	30"			1-1/2"							DRAIN DIRECT TO WALL HUB
	17	SODA DISPENSER W/ ICE BIN								3/4"					DRAIN INDIRECT TO FLOOR SINK
	19	TEA BREWER	1/2"		48"										
	20	COFFEE BREWER	1/2"		48"										
	22	BAG IN BOX RACK	1/2"		16"										
	25.1/25.2	SINK, THREE COMPARTMENT W/ DRAINBOARDS	1/2"	1/2"	16"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	26	DISHWASHER	1/2"		16"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	27.1	DISHWASHER, SOILED	1/2"	1/2"	16"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	27.2	DISHWASHER, SOILED HAND SINK	1/2"	1/2"	30"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	28	ICE MACHINE	1/2"		76"			3/4"							DRAIN INDIRECT TO FLOOR SINK EXTEND WATER THROUGH WATER FILTER
	28	ICE STORAGE BIN	1/2"		76"			3/4"							DRAIN INDIRECT TO FLOOR SINK
	28.1	WATER FILTER	1/2"		76"			3/4"							DRAIN INDIRECT TO FLOOR SINK
	32	Prep Table W/ Sink	1/2"	1/2"	30"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	B1/B9	UNDERBAR, DRAINBOARD, STORAGE RACK	1/2"	1/2"	30"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	B2	DRAFT BEER TOWER W/ DRAINER						5/8"							DRAIN INDIRECT TO FLOOR SINK
	B4	UNDERBAR ICE WELL W/BOTTLE STORAGE						1/2"							DRAIN INDIRECT TO FLOOR SINK
	B8	UNDERBAR HAND SINK	1/2"	1/2"	10"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	B8	UNDERBAR DUMP SINK	1/2"	1/2"	10"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	B8	GLASS WASHER	1/2"	1/2"	10"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	B10	UNDERBAR 3 COMP SINK	1/2"	1/2"	10"			1-1/2"							DRAIN INDIRECT TO FLOOR SINK
	W1.1	EVAPORATOR COIL (COOLER)						3/4"							DRAIN INDIRECT TO FLOOR SINK
	W1.2	EVAPORATOR COIL (FREEZER)						3/4"							DRAIN INDIRECT TO FLOOR SINK

**FACILITY WATER SERVICE & PLUMBING FIXTURE SCHEDULE**

SYMBOL	FIXTURE	CONNECTIONS			
		WASTE	CW	HW	GAS
(P1)	WATER CLOSET FLUSH VALVE	3"	1"	--	--
(P2)	LAVATORY	1-1/4"	1/2"	1/2"	--
(P3)	URINAL	1-1/4"	3/4"	--	--
(P4)	MOP SINK	2"	1/2"	1/2"	--
(P5)	HOSE BIB	--	1/2"	--	--
(P6)	FLOOR DRAIN W/ TRAP PRIMER	3"	3/8"	--	--
(P7)	FLOOR SINK	3"	--	--	--
(P8)	WATER HEATER	--	3/4"	3/4"	3/4"
(P9)	GREASE TRAP	4"	--	--	--

**SYMBOL LEGEND**

WM - WATER METER  
 GM - GAS METER  
 PRV - PRESSURE REDUCING VALVE

FD FLOOR DRAIN - SLOPE FLOOR TO DRAIN  
 POINT OF CONNECTION TO EXISTING

--- DOMESTIC COLD WATER  
 --- DOMESTIC HOT WATER  
 --- GAS LINE

No.	Revision/Issue	Date
Firm Name and Address		
<b>SKIPPER ENGINEERING LLC</b>		
311 SUDDUTH CIRCLE NE FT. WALTON BEACH, FL (850) 865-4653 jay.h.skipper@gmail.com		
Project Name and Address		
Pier Park Restaurant 16201 Front Beach Rd. Panama City Beach, FL 32413		
<b>PLUMBING WATER &amp; GAS</b>		
Project	Sheet	
Date	26 FEB 2025	P-3
Scale	1/8"=1'	D