



KITCHEN FLOOR PLAN
 SCALE: 1/4" = 1'-0"

PLUMBING SCHEDULE														
NO	WATER		WASTE		GAS		STEAM		R. I. HGT. A.F.F.	GPH @ 140' F.	CONN.		DESCRIPTION	NO
	HW	CW	DIR	IND	SIZE	MBH	SUP	RET			SIZE	HGT.		
1											5/8"	84"	BLOWER COIL DRAIN	2
2		1/2"							36"		3/8"	40"	COFFEE BREWER INLET	9
3	1/2"	1/2"							26"		1/2"	40"	HAND SINK FAUCET	13
4					1-1/2"				24"		1-1/2"	28"	HAND SINK DRAIN	13
5	3/4"	3/4"							15"		1/2"	40"	THREE-COMP SINK FAUCET	15
6					2"						2"	22"	THREE-COMP SINK DRAIN (3)	15
7	1/2"	1/2"							36"		1/2"	36"	MOP SINK FAUCET	16
8					3"				STUB		3"	3"	MOP SINK DRAIN	16

* IN-LINE WATER FILTER FURNISHED BY K.E.C.; INSTALLED BY P.C.

PLUMBING SYMBOLS		
ABBREVIATION	SYMBOL	DESCRIPTION
H/CW		HOT/COLD WATER ROUGH-IN AND CONNECTION
W		WASTE ROUGH-IN AND CONNECTION
IW		INDIRECT WASTE
F.G.		FUEL GAS ROUGH-IN AND CONNECTION
S.S.		STEAM SUPPLY ROUGH-IN AND CONNECTION
S.R.		STEAM RETURN ROUGH-IN AND CONNECTION
H.B.		HOSE BIBB HOT AND COLD WATER
H.B.		HOSE BIBB W/MIXING VALVE HOT AND COLD WATER
F.S.		FLOOR SINK W/O GRATE (W/MIN. CONN. SIZE)
F.S.		FLOOR SINK W/HALF GRATE (W/MIN. CONN. SIZE)
F.S.		FLOOR SINK W/ 3/4 GRATE (W/MIN. CONN. SIZE)
F.S.		FLOOR SINK W/FULL GRATE (W/MIN. CONN. SIZE)
F.D.		FLOOR (AREA) DRAIN
F.F.D.		FUNNEL FLOOR DRAIN
D.F.A.		DOWN FROM ABOVE

- PLUMBING NOTES:**
- ALL OUTLETS AND CONNECTIONS SHOWN RELATE TO FOODSERVICE FIXTURES AND EQUIPMENT ONLY. SEE ARCHITECTURAL/ENGINEERING PLANS FOR ADDITIONAL PLUMBING REQUIREMENTS.
 - THIS PLUMBING PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION SIZES, POSITIONS, HEIGHTS AND LOAD REQUIREMENTS. DIMENSIONS SHOWN ARE FROM FINISHED FLOORS AND FINISHED WALLS. VERIFY WALL PARTITION LOCATIONS WITH ARCHITECTURAL DRAWINGS.
 - FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY PLUMBING CONTRACTOR INCLUDING REQUIRED MATERIALS SUCH AS, STOPS, VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, ETC., TO ASSURE PROPER OPERATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODES.
 - PLUMBING CONTRACTOR (P.C.), OR EQUIVALENT, SHALL FURNISH AND INSTALL THE FOLLOWING:
 - ALL WATER, WASTE, GAS AND STEAM SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4" OUT OF WALLS AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. FLOOR ROUGH-INS TO STUB UP 2" ABOVE FINISHED FLOOR OR CURBS. ALL FLOOR OPENINGS/PENETRATIONS ARE TO BE SEALED WATERTIGHT.
 - PRESSURE REDUCING AND/OR REGULATING VALVES FOR DISHWASHERS, BOOSTER HEATERS, OR AS OTHERWISE NOTED IN ALL FOODSERVICE AREAS.
 - ALL FLOOR SINKS, COMPLETE WITH TOP GRATES INDICATED, AND REMOVABLE SEDIMENT BUCKETS SET FLUSH WITH FINISHED FLOOR, UNLESS NOTED.
 - ALL WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS NOTED, MINIMUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION SIZE, AND SHALL BE PITCHED DOWNWARD. MANIFOLD DRAIN LINES AS HIGH AS POSSIBLE ABOVE FLOOR FOR SANITATION AND CLEANING. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS.
 - INDIRECT WASTE LINES FOR WALK-IN COOLERS/FREEZERS BLOWER COILS SHALL BE PITCHED 3/4" PER FOOT OF HORIZONTAL RUN, AND TERMINATE WITH A P-TRAP OVER FLOOR SINK OR APPROVED RECEPTER WITH VACUUM BREAK AS REQUIRED BY LOCAL CODE.
 - ALL REQUIRED GREASE TRAPS, OUTSIDE THE BUILDING WHERE POSSIBLE; OTHERWISE BELOW OR SET FLUSH WITH FINISHED FLOOR.
 - INSTALL FIRE CONTROL GAS SHUT-OFF VALVES AS SUPPLIED BY FIRE PROTECTION SYSTEM SUBCONTRACTOR PER LOCAL CODES. (IF GAS COOKING EQUIPMENT IS SPECIFIED.)
 - VACUUM BREAKERS, AS REQUIRED, EXCEPT FOR DISHWASHERS AND DISPOSERS, AS SUPPLIED BY KITCHEN EQUIPMENT CONTRACTOR.
 - INSULATION ON ALL STEAM, HOT WATER, AND CONDENSATE RETURN LINES WITHIN THE FOODSERVICE AREAS. ALL SUCH LINES SHALL BE COLOR-CODED ACCORDING TO LOCAL CODES.
 - CLEAN-OUT VALVES FOR STEAM AND CONDENSATE RETURN LINES.
 - PLUMBING CONTRACTOR (P.C.), OR EQUIVALENT, SHALL INTERCONNECT DISHWASHER WITH BOOSTER HEATER, AND WATER-TYPE VENTILATORS WITH CONTROL PANELS AS PER MANUFACTURER'S INSTRUCTIONS, WHEN APPLICABLE AND NOTED.
 - ALL VENT PIPES SHALL BE CONCEALED IN WALLS OR COLUMN CHASES. USE LOOP VENTS FOR ISLAND FIXTURES.
 - ALL EXPOSED PIPING AND FITTINGS IN KITCHEN AREAS SHALL BE CHROME-PLATED OR STAINLESS STEEL.
 - ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH INTENDED USE OF, OR SERVICING OF, EQUIPMENT.

REVISIONS:

DATE:	DESCRIPTION:	BY:

**Delaware Seashore State Park
 Indian River Marina
 Marina Operations Building
 PLUMBING ROUGH-IN PLAN**

Seal:



DESIGNED BY:

RMN

DRAWN BY:

JEG

CHECKED BY:

RMN

DATE:

01/22/08

SCALE:

SHEET NO.:

K-3

PROJECT NO.:

2007-DS-100

CONSTRUCTION SET