Reviewed for Code Compliance
Inspection Division
Portland, Maine
Date: 06/19/17

PLUMBING NOTES:

1. ALL LABOR, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES : NATIONAL, STATE AND LOCAL. ALL WORK SHALL BE PERFORMED AND INSTALLED IN A NEAT AND WORKMAN LIKE MANNER.NO EXTRA CHARGE WILL BE PAID FOR FURNISHING ITEMS REQUIRED BY THE REGULATIONS, BUT NOT SPECIFIED HEREIN OR ON THE DRAWINGS.

2. PAY ALL FEES AND OBTAIN ALL PERMITS NECESSARY FOR THE COMPLETION AND INSPECTION OF THIS WORK, NOTIFY ALL INTERESTED AUTHORITIES WHEN THIS WORK IS READY FOR ANY NECESSARY INSPECTION.

3. VISIT THE SITE OF THE WORK. COMPARE IT WITH THE DRAWINGS AND SPECIFICATIONS AS TO THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED, ASCERTAIN AND CHECK ALL CONDITIONS AND ELEVATIONS AND TAKE ALL MEASUREMENTS WHICH MAY AFFECT THE WORK. NO ALLOWANCE SHALL SUBSEQUENTRY BE MADE FOR ANY EXTRA EXPENSE OR CLAIMS DUE TO FAILURE OR NEGLECT UNDER THIS SECTION TO MAKE SURE EXAMINATION OF THE RESTRICTED WORKING CONDITION OR SUCH OTHER DIFFICULTIES VISUALLY OBSERVED DURING SITE VISIT.

4. PLUMBER SHALL DETERMINE TOTAL PROJECT REQUIREMENTS AND DETERMINE IF INCREASED SIZE OF SERVICE IS REQUIRED FOR GAS OR WATER. IF SO BID PRICE SHALL INCLUDE WORK FOR NEW METERS, PIPING AND SERVICE CONNECTION COORDINATE AS SOON AS POSSIBLE WITH LOCAL SERVING AGENCY AND WATER DEPARTMENT.

5. INSTALL FLOOR, WALL OR CEILING CLEANOUT WHERE REQUIRED BY CODE OR WHERE IT WILL ALLOW FOR BEST ACCESS FOR CLEANING OUT BLOCKAGE IN PIPES.

6. PIPE HANGERS SHALL BE DESIGNED TO SUPPORT WEIGHT OF PIPE AND WEIGHT OF THE CONTENTS IN THE PIPE.

7. SLOPE ALL DRAINAGE PIPING WITHIN THE BUILDING WITH A MINIMUM FLOW FALL OF 1/4" PER FOOT.

8. PROVIDE A VACUUM BREAKER OR BACK FLOW PREVENTION DEVICE AT MOP SINK (INTEGRAL PART OF FAUCET)

9. PROTECT WATER LINE CONNECTIONS TO EQUIPMENT WITH APPROVED BACKFLOW

10. PLUMBER TO PROVIDE ESCUTCHEON COVERS, RINGS ETC. AT ALL FLOOR, WALL AND CEILING PENETRATIONS FOR PLUMBING .

11. ALL PLUMBING FIXTURES SHALL BE N.S.F. APPROVED OR EQUAL.

12. WATER PIPING SHALL BE TYPE L COPPER WITH LEAD FREE COPPER SOLDERED FITTINGS.

13. PROVIDE WATER HAMMERS AT ALL QUICK ACTING VALVES.

15. PIPING SHALL BE FABRICATED OF TYPE"L" HARD DRAWN COPPER MADE OF DEOXIDIZED COPPER (99.9% PURE). TYPE"L" COPPER PIPING SHALL CONFORM IN EVERY DETAIL TO ASTM STANDARD SPECIFICATIONS FOR COPPER WATER TUBE. SERIAL DESIGNATION B88.51 AND SHALL PROVIDED IN 20 FEET STRAIGHT LENGTH.

16. ALL GAS PIPING INSDIE THE BUILDING AND ABOVE GRADE SHALL BE SCHEDULE 40 STANDARD WEIGHT BLACK STEEL PIPE WITH BLACK MALLEABLE IRON SCREWED TYPE FITTING. AND COMPLY WITH ANSI/ASME B36.10, WELDED AND SEAMLESS WROUGHT-STEEL PIPE OR ASTM 53 STANDARD SPECIFICATION FOR PIPE, STEEL, BLACK AND HOT DIPPED, ZINC-COATED WELDED AND SEAMLESS

17. TRAP PRIMER PIPING SHALL BE SAME AS SPECIFIED FOR DOMESTIC WATER AS SPECIFIED NOTE #15.

18. CONDENSATE PIPING TO BE TYPE "L" HARD DRAWN COPPER. AS SPECIFIED NOTE # 15.

FIXTURE UNITS

FIXTURE TYPE	# OF UNIT	WATER PIPING				WASTE PIPING	
		C.W. F.U.PER FIX.	TOTAL CW F.U.	TOTAL HW F.U.	CW GPM	F.U. PER FIXTURE	TOTAL SS F.U.
HAND SINK	2	2	4	3		2	4
3 COMP SINK	2	6	12	12		4	4
PREP SINK	1	2	2	1.5		F.S.	F.S.
ICE MAKER	2	1	2	-		F.S.	F.S.
MOP SINK	1	3	3	2.5		3	3
DISH WASHER	1	-	-	1		4	4
FLOOR DRAIN	4	-	-			2	4
LAVATORY	2	1	2	2		1	2
WATER CLOSET	2	5	10			4	8
FLOOR SINK	3	-	-				
TOTAL			41	22			29

WATER PIPE AND METER SIZE
LENGTH OF 170 FT
1-1/4" CW DISTRIBUTING BUILDING SUPPLY PIPE V.I.F.

SEWER PIPE SIZE
(E) SEWER MAIN 4" V.I.F.

SYMBOL	DISCRIPTION	MATERIAL
S	SANITARY SEWER	
GW	GREASE WASTE	
V	VENT	CAST IRON
CW	COLD WATER	COPPER "L"
HW	HOT WATER	COPPER "L"
G	GAS	
FS	FLOOR SINK	
FD	FLOOR DRAIN	
WH	WATER HEATER	
(E)	EXISTING	
(N)	NEW	
FCO	FLOOR CLEANOUT	
WCO	WALL CLEANOUT	
TP	TRAP PRIMER	
	WATER HAMMER ARRETOR	
BFP	BACK FLOW PREVENTER	

NOTE: ALL COPPER LINE TO BE TYPE"L" U.O.N.

NOTE: INSTALL TRAP PRIMERS FOR ALL FLOOR DRAINS

2 TYPICAL FLOOR DRAIN DETAIL
1 1/2" = 1'-0"

PROPOSED GREASE INTERCEPTOR
SCHIER GB-250
REFER TO MFR. INSTALLATION INSTUCTION

3 TRAP PRIMER
1/16" = 1'-0"

4 SECTION @ PREP. SINK
3/4" = 1'-0"

REVISION

Tenant Improvement
Old Port Lobster Shack

425 FORE STREET
PORTLAND ME

PROJECT NUMBER	150101
DRAWN	Author
CHECKED	Checker
DATE	
SCALE	

PLUMBING LEGEND, NOTES, SPECIFICATION

P-1.1