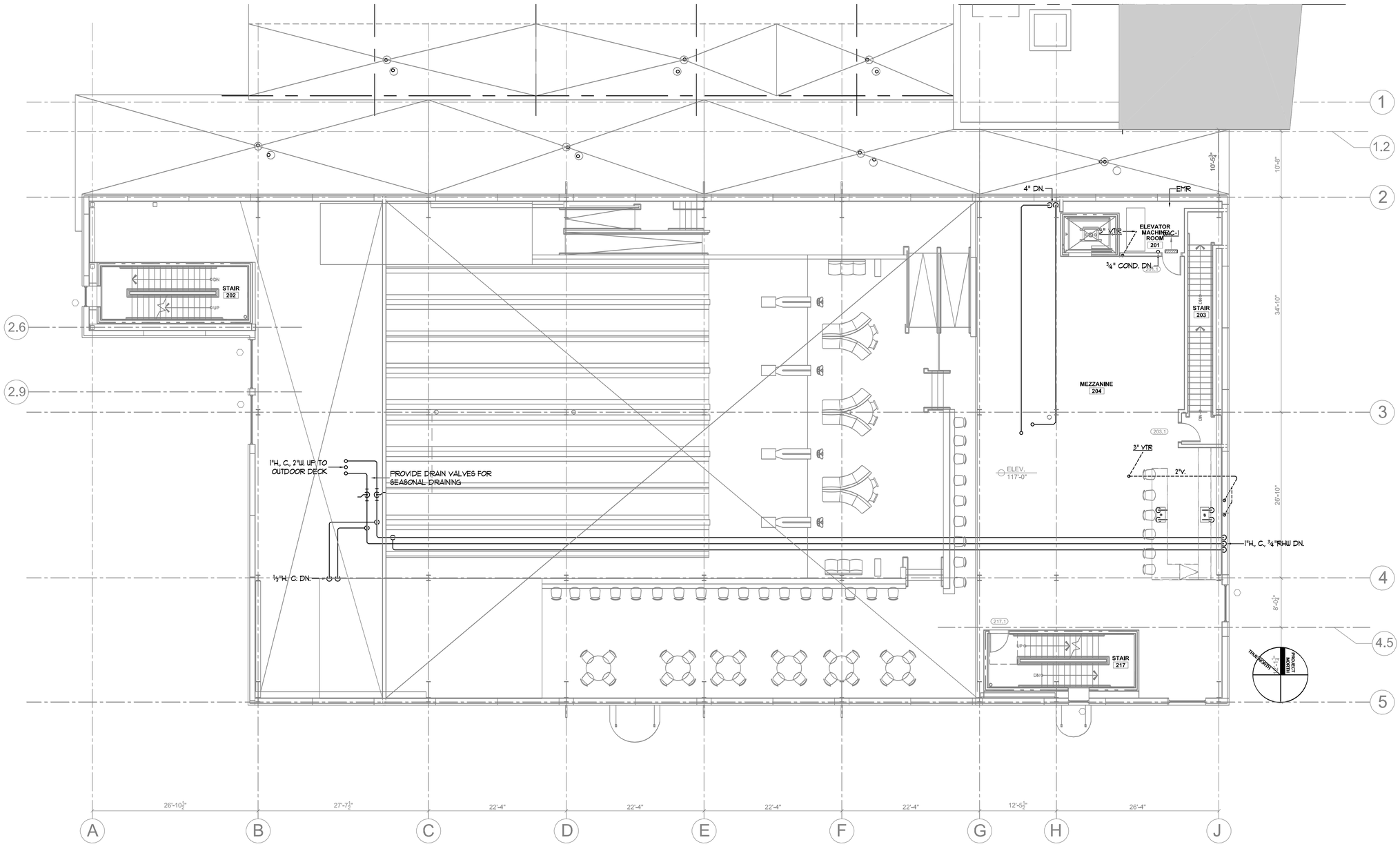
Reviewed for Code Compliance
Inspections Division
City of Portland, Maine
Date: 06/08/16



PLUMBING FIXTURE CONNECTION SCHEDULE

TAG	DESCRIPTION	SAN	VENT	CW	HW	GAS
P1	1.1"H. ADA FLOOR-MOUNTED TANK-TYPE WC	3"	2"	½"	-	
P2	WALL MOUNT LAVATORY	1½"	1¼"	½"	½"	
P3	FLUSH VALVE URINAL	2"	1½"	¾"	-	
P4	MOP SERVICE SINK	3"	2"	½"	½"	
P5	KITCHEN SINKS	2"	1½"	½"	½"	
P6	HAND SINK	2"	1½"	½"	½"	
4"FD	4" FLOOR DRAIN w/ TRAP PRIMER CONNECTION	4	2"	1/2" **	-	
3"FD	3" FLOOR DRAIN w/ TRAP PRIMER CONNECTION	3"	2"	1/2" **	-	
ETP	ELECTRONIC TRAP PRIMER (ETP)	-	-	1/2"	-	
IW	INDIRECT WASTE	3"	2"	1/2" **	-	

** - FROM TRAP PRIMER.

PUMP PERFORMANCE SCHEDULE

TAG	FLOW RATE (GPM)	HEAD (FT.WG)	IMPEL. SIZE	RPM	EFF %	ELECTRICAL REQUIREMENTS					BASIS OF DESIGN TACO		
						HP	BHP	VFD	AMPS	V/PH/HZ	SERVICE	ARRANGEMENT	MODEL
CP1*	4	6	-	3250	-	.029	-	-	1.2	120/1/60	DOMESTIC R-HW	IN-LINE	005-SF3

* - ALL BRONZE OR STAINLESS STEEL CONSTRUCTION.

TEMPERATURE MIXING VALVE PERFORMANCE SCHEDULE

TAG	FLOW RATE (GPM)	INLET CONNECTION (INCHES)	OUTLET CONNECTION (INCHES)	W.P.D (PSIG)	SET POINT (DEGREES F)	PROVIDE SPARE CARTRIDGE (Y) OR (N)	BASIS OF DESIGN LEONARD "Eco-Mix"		
							SERVICE	ARRANGEMENT	MODEL
TMV	20	¾	¾	10	115	N	DOMESTIC HW	INLINE	LV-981A-LF
-	-	-	-	-	-	-	-	-	-

WATER HEATER PERFORMANCE SCHEDULE

TAG	STORAGE (GALS)	INPUT (MBH)	RECVRY. @ 100°F (GPH)	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN A.O Smith "Cyclone Mxi"		
				HP	AMPS	V/PH/HZ	SERVICE	FUEL	MODEL
GWH	100	199.0	235	1/3	5.0	120/1/60	DOM HW	N.G.	BTH-199

Notes
1. Provide concentric wall vent kits and acid neutralization kits.

STATE OF MAINE
STEPHEN M. DOEL
No. 13807
LICENSED
PROFESSIONAL ENGINEER

ADDITION TO BAYSIDE BOWL
ALDER STREET
PORTLAND, MAINE

CONSULTANTS:

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

REVISIONS:
03/24/2016 PERMIT SET

DATE:	18 MAR 2016
PROJECT No.	...
DRAWN BY:	SP Doel
CHECKED BY:	SP Doel
SCALE:	1/8" = 1'-0" U.N.O.

SHEET TITLE:
PLUMBING ROOF PLAN

P1.3