Reviewed for Code Compliance
Inspections Division
City of Portland, Maine

Date: 06/08/16

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

ADDITION TO BAYSIDE BOWL

ALDER STREET
PORTLAND, MAINE

8" TO CATCH BASIN
6" ZURN DOWNSPOUT
6" DN. w/ CO & DOWNSPOUT FILTER
3"RWL UP TO 3"RD (TYPICAL)
3"RWL UP TO 3"ORD (TYPICAL)
4" DN. w/ CO & DOWNSPOUT FILTER
1"C, CONNECT TO EXISTING IN BASEMENT
NEW 1000 GALLON EXTERIOR GREASE TRAP
RELOCATED HAND SINK
GALLERY 104
FRONT DESK 107
VESTIBULE 100
PRO SHOP 105
COATS 106
MECHANICAL BOWLING EQUIPMENT 103
STAIR 102
WOMEN'S 110
MEN'S 109
STORAGE 111
SUMP PUMP CONTROL PANE
2" PUMP DISCHARGE
4" UP
¾"H, 1"C.
3"V. UP
¾"RHW
¾" COND.
4"FD w/ FUNNEL
1½"H, C, ¾"RHW
BOWLING LANES 108
DIRT POCKET
1"G.
1½"G. (H.P.), 2" (L.P.)
AC1
AC2
AC3
AC4
TYPICAL 1"G. UP TO ROOF
3" RWL w/ RAINWATER FILTER AND CO (TYPICAL OF 3)
3"RD UP TO 3"RD (TYPICAL)
3"RD UP TO 3"ORD (TYPICAL)
6" ø ¼" / FT.
3" VTR
FUNCTION ROOM 116
DINING / LOUNGE 115
STAIR 114
GWH
ET-1
BAR 113
TMV
CPI
DRY STORAGE 112
PT
1½"C.
GAS METER
GAS METER PRESSURE REGULATOR
1½"G. (H.P.)
3"G. (L.P.)
3"V. UP
1½"G. (H.P.) 2½"G. (L.P.) UP
3"S. UP
1"H, C, ¾"RHW UP
¾"G. (H.P.)
1"G. (L.P.)
UH-1
DIRT POCKET
6" TO SANITARY MANHOLE
ELEV. 100'-0"
ELEV. 102'-2-1/4"
ELEV. 102'-10-3/4"
ELEV. 101'-4-7/8"
ELEV. 100'-10-3/4"

General Plumbing Notes
1. Provide Maxitrol or Pietro-Fiorni gas pressure regulators at each gas appliance. Furnish with vent limiters or vent to atmosphere per Code.
2. Roof Drain, Hot, Cold and Recirculated Hot Water piping shall be insulated with 1" thick fiberglass pipe insulation w/ ASJ.
3. Hot, Cold and Recirculated Hot Water Piping shall be Schedule 40 CPVC "Flowguard Gold" or Type L copper.
4. Roof drain and sanitary piping shall be Schedule 40 PVC.
5. The hot water recirculation pump (CP-1) shall be a Taco Model 0008B, 5 GPM @ 13' head, 120V, Ø , 8A, bronze construction.
6. Gas piping shall be Schedule 40 carbon steel with threaded joints.
7. Electronic trap primers (ETP) shall be Zurn or PPP with 24 hour timer and manifold, 120V.
8. Provide BioClean Environmental Downspout Filters (BC-DF-series) for each rainwater downspout per the City of Portland requirements. Filters shall be located with service access as required. Provide galvanized steel drip pans under each roof drain body. drain pans shall be 2'-0"x2'-0" with a 1" lip and be sealed watertight.

1 1.2 2 2.6 2.9 3 4 4.5 5
A B C D E F G H J
26'-10½" 27'-7½" 22'-4" 22'-4" 22'-4" 22'-4" 22'-4" 12'-5½" 26'-4"
34'-10" 10'-4" 5'-10" 8'-4½" 8'-1"

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 SECOND FLOOR PLAN

P1.2