NOTES:

1. FOR NOTES SEE DRAWING M573-1.

LR NOTES:

A. FOR GENERAL LICENSE RENEWAL NOTES, SEE LR-M501-2.
B. ALL HIGHLIGHTED COMPONENTS SHOWN ON THIS DRAWING ARE EVALUATED IN THE FIRE PROTECTION SYSTEM.
C. COMPONENTS HIGHLIGHTED ON THIS DRAWING ARE IN SCOPE FOR (A)(3)-FIRE PROTECTION. THEREFORE, ONLY COMPONENTS IN THE MAIN FLOW PATHS AND BRANCH LINES TO THE FIRST ISOLATION VALVE ARE HIGHLIGHTED.
D. FILL AND VENT LINES DO NOT SUPPORT OR PREVENT THE ACCOMPLISHMENT OF THE (A)(3)-FIRE PROTECTION FUNCTION. THEREFORE, THEY ARE NOT IN SCOPE.

E. DURING WINTER MONTHS fp-p-112 RUNS CONTINUOUSLY AND FP-V-339 AND FP-V-354 ARE OPEN WITH FP-V-354 THROTTLED PER PPM 2.8.7. (THIS IS NOTE 6 FROM M573-1 REVISION 68)

12" FP(4)-1 CI CONTINUED ON DWG M515-1 (K/2)
L.O. FP-V-417 (PIV)
FP-V-418 (PIV)
12" FP(4)-1 C.I.
FP-V-172 (PIV)
FP-V-375
6" FP(5)-1
FP-HT-2I
8" FP(25)-1
FP-V-90 (PIV)
TO WAREHOUSE BUILDING #5
8" FP(24)-1
FP-V-89 (PIV)
TO WAREHOUSE BUILDING #4
8" FP(23)-1
FP-V-94 (PIV)
TO WAREHOUSE BUILDING #3
8" FP(22)-1
FP-V-93 (PIV)
TO WAREHOUSE BUILDING #2
8" FP(21)-1
FP-V-92 (PIV)
TO WAREHOUSE BUILDING #1
TO BUILDING #89
10" FP(17)-1 C.I.
FP-V-143 (PIV)
FP-V-416 (PIV)
FP-V-86
6" FP(18)-1
FP-HT-2P
6"
FP-V-407
6" FP(5)-1
FP-HT-2N
FP-V-414 (PIV)
12" FP(4)-1
FP-V-415 (PIV)
6"
FP-V-88
FP-HT-2U
FIRE BRIGADE TRAINING
FP-V-17Y (PIV)
FP-V-165 (PIV)
10" FP(4)-1 C.I.
10" BLIND FLANGE
10"
FP-V-335
12"
12" FP(4)-1 C.I. CONTINUED ON DWG M515-1 (K/11)
FP-V-17C
12" FP(4)-1
FP-V-419 (PIV)
FP-V-420 (PIV)
FP-V-408
6" FP(5)-1
FP-HT-2Q
FP-V-409
6" FP(5)-1
FP-HT-2R
FP-V-410
6" FP(5)-1
FP-HT-2S
FP-V-411
6" FP(5)-1
FP-HT-2T
12" FP(4)-1
FP-V-421 (PIV)
12" FP(4)-1
6"
FP-HT-2V
6" FP(5)-1
FP-V-413
12"
WELLHOUSE #2
CONTINUED ON DWG M573-1 (H/7) ABANDONED IN PLACE
FP-V-212
2 1/2" FP(98)-1
OPEN
6" FP(97)-1
8" FP(91)-1
2 1/2" FP(55)-1
FP-V-130
FP-V-W16/1
TO WET SPRINKLER SYSTEM #16 SEE DWG M515-2 (J/8)
CONTINUED ON DWG M573-1 (F/1)
3"
8" FP(91)-1
L.O. FP-V-314 (PIV)
TO ATMOSPHERE
4" FP(4)-1
FP-V-312
FP-V-W17/260
TO WATER FILTRATION BUILDING WET SYSTEM #17 DWG M515-2 (J/14)
PART OF PWC-TK-100 DWG M573-1 (C/8)
10"
12" FP(4)-1 DI
WELLHOUSE #3
FILL LINE WITH SCREEN
DO-FCN-4*
DO-FA-6*
DE-ES-7*
DRAIN
10" FP(108)-1
FP-V-173
12"
10"
3/4" FP(110)-1
FP-V-182 * AUTO DRAIN
(8) 2 1/2" HOSE VALVES TEST MANIFOLD
FP-V-174*
FP-V-175*
FP-V-176*
FP-V-177*
FP-V-178*
FP-V-179*
FP-V-180*
FP-V-181*
6" FP(109)-1
FP-TMU TMU-V-106
FROM DWG M507-1 (K/5)
FP-V-183*
FP-V-184*
12" FP(109)-1
FP-ST-6*
FP-V-193*
FP-V-192*
PI 7
L.O. FP-V-191*
FP-V-303*
FP-PCV-2*
FP-ST-5*
L.O. FP-V-190*
1 1/4" FP(93)-1
6" DE(16)-1
DE-FLX-7*
FP-RV-2*
FG 4
10"
FE 4
FI 4
DRAIN TO OUTSIDE
FP-V-171
L.C.
PI 8
6" FP(93)-1
FP-V-188*
8"x10"*
10" FP(4)-1
FP-V-170
FP-V-949
L.O. FP-V-169
10" FP(4)-1 DI FOR CONTINUATION SEE M515-1 (K/11)
RO 3
RO 4
FP-V-952
FP-V-953
FP-V-955
FP-V-954
2 1/2" FP(111)-2
FP-V-187
2 1/2" DO(10)-1
LR NOTE D
1/2" DO(10)-1
DO-V-47*
DO-FLX-10*
DO-TK-7* DIESEL FUEL TANK
DO-V-48
DO-FLX-11*
1/2" DO(10)-1
1" DO(74)-1
LI TK7
DO
FP-ENG-110 DIESEL ENGINE
DRIVE SHAFT
2" FP(110)-1
3/4" FP(110)-1
6" FD
12"x10"
FP-P-110 DIESEL PUMP
1/4"
PI 9
FP-V-189*
3/4" FP(110)-1
FP-AV-5*
FP-V-168
L.O.
FP-V-167
3/4"
FP-RV-3*
PI 116
1/4"
FP-V-196*
PI 118
1/4"
FP-V-197*
2 1/2" FP(110)-1
3" FP(111)-1
L.O. FP-V-185
2"
1 1/2"
FP-P-111 JOCKEY PUMP
FP-V-186
FP-M-P/111
RMS PS/10
RMS PS/9
PS 9
1/2" FP(4)-1
FP-V-198
FP-SV-P110/1
TEST CONN. FP-V-649
OPEN DRAIN
PS 10
RO 2
1/2" FP(4)-1
FP-V-199
TEST CONN. FP-V-650
RO 1
OPEN DRAIN
1/2" FP(4)-1
FP-P-113 FP-TK-110 FILL PUMP
FP-42-P/113
P/B
PI 121
FP-M-P/113
FP-RV-113
2" FP(212)-1
OPEN
1/4"
FP-V-342
FP-V-345
FP-V-346
FP-V-344
FP-V-352
6" FP(4)-1
L.O. FP-V-351 (PIV)
FP-42-P/112
1 1/2" FP(212)-1
FP-RV-112
OPEN
FP-M-P/112
FP-V-340
4" FP(211)-1
FP-P-112 RECIRCULATION PUMP (NOTE 6)
LR NOTE E
1/2"
FP-V-356
PI 122
4" FP(211)-1
FP-V-354 (NOTE 6)
FP-V-339 (NOTE 6)
LG 110
1/2" ORIFICE
RO
FP-V-651
6" FP(211)-1
FP-V-343 (TH)
L.C. FP-V-172
L.O. FP-V-353 (PIV)
6" 4" L.O. FP-V-355 (PIV)
400,000 GALLON FIRE PROTECTION WATER STORAGE TANK FP-TK-110
12" FP(109)-1
L.O. FP-V-350 (PIV)
FP-V-341 (PIV)
4"
FP-V-380 (PIV)
L.C.
L.O. FP-V-348 (PIV)
16" FP(4)-1 DI
L.O. FP-V-349 (PIV)
6"
12" FP(4)-1 DI
2" FP(210)-1
WETWELL
4" SUMP DRAIN LINE (NOT TO BE USED TO DRAIN ENTIRE TANK)

DRAWING CREATED FROM M573-2 REV 4

ENERGY NORTHWEST
People · Vision · Solutions

COLUMBIA GENERATING STATION

SIGNATURE	DATE	TITLE
APPROVED		LICENSE RENEWAL BOUNDARY DRAWING POTABLE WATER COLD & FIRE PROTECTION SYSTEM PUMPHOUSES
CHECKED		
DRAWN		
SCALE NTS		DWG NO. LR-M573-2 REV 01
FNAME 2		

TOP TIER 2018

PO52-E RO (9/94)