

(W) STRUCTURE TABLE		
STRUCTURE ID	NORTHING	EASTING
FH-1	61361.77	120634.94
FH-2	61262.18	120622.37
FH-3	61318.63	120721.56
WM-1	61215.62	120580.56

(S) STRUCTURE TABLE		
STRUCTURE ID	NORTHING	EASTING
COTG-1	61431.24	120748.94
COTG-2	61260.55	120654.65
COTG-3	61173.02	120606.30
EX MH-1	61136.33	120548.26
SS MH-2	61348.08	120703.01
STUB-1	61361.01	120679.61
STUB-2	61335.20	120783.63

SHEET NOTES

- PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE CONSTRUCTED PER DETAIL 1/C5.1.
 - STRUCTURES LOCATIONS ARE BASED ON CENTER OF STRUCTURE.
- (X) KEY NOTES
- COORDINATE WATER SERVICE POINT OF CONNECTION TO EXISTING X" MAIN WITH CITY OF PORTLAND. SIZE AS NOTED.
 - FIELD VERIFY LOCATION AND IE OF EXISTING LATERAL PRIOR TO CONSTRUCTION.
 - PROPOSED ELECTRICAL LINE TO BE DESIGNED BY OTHERS.
 - PROPOSED TEL-COM LINE TO BE DESIGNED BY OTHERS.
 - FDC PER DETAIL 2/C5.2.
 - DOUBLE CHECK DETECTOR VALVE VAULT PER DETAIL 1/C5.2.
 - DOUBLE CHECK VALVE AND VAULT PER DETAIL 6/C5.2.
 - COORDINATE WITH CITY OF PORTLAND TO INSTALL WATER METER.
 - FIRE HYDRANT PER DETAIL 4/C5.2.
 - SANITARY SEWER LIFT STATION.
 - SEE PLUMBING PLANS FOR HANGAR INTERIOR TRENCH DRAIN.
 - TRANSFORMER. SEE ELECTRICAL.
 - OIL WATER SEPARATOR. COORDINATE WITH MEP.

UTILITY LABEL LEGEND

STRUCTURE LABEL

- UTILITY TYPE (SD=STORM DRAINAGE, S=SANITARY SEWER, W=WATER, FP=FIRE PROTECTION)
STRUCTURE TYPE CALLOUT
ID NUMBER (WHERE APPLICABLE)
XX XX-XX
X+XX.X RT X.X'
LOCATION (WHERE APPLICABLE)
RIM=
IE IN = XX.X
IE OUT = XX.X
STRUCTURE INFO (WHERE APPLICABLE)

PIPE LABEL

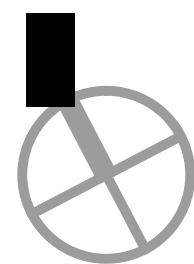
- UTILITY LENGTH
UTILITY SIZE
UTILITY TYPE
XXLF - XX" XX
S=X.XX%
SLOPE (WHERE APPLICABLE)

STRUCTURE TYPE

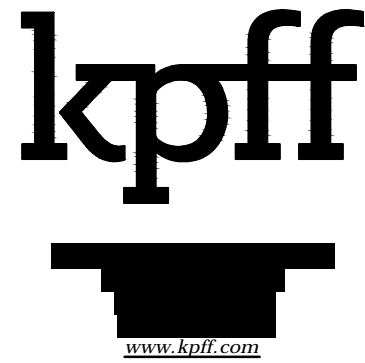
- | CALLOUT | DESCRIPTION |
|---------|------------------------------------|
| BEND | BEND, USE FITTING IF APPLICABLE |
| BWV | BACKWATER VALVE |
| CB | TRAPPED CATCH BASIN |
| CO | CLEANOUT TO GRADE |
| CONN | CONNECTION |
| DI | DITCH INLET |
| DW | DOMESTIC WATER |
| FCMH | FLOW CONTROL MANHOLE |
| FD | FOUNDATION DRAINAGE POINT OF CONN. |
| FDC | FIRE DEPARTMENT CONNECTION |
| FH | FIRE HYDRANT |
| FW | FIRE WATER |
| GV | GATE VALVE |
| OF | OUTFALL |
| OV | OVERFLOW INLET |
| SMH | 48" DIA. SANITARY MH |
| SDMH | 48" DIA. STORM DRAIN MH |
| TD | TRENCH DRAIN |
| TEE | TEE CONNECTION |
| WYE | WYE CONNECTION |
| WQCB | WATER QUALITY CATCH BASIN |
| WQMH | WATER QUALITY MANHOLE |

CONNECTION LABEL

- (SS) CONNECT TO SANITARY LINE. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED.
- (FP) CONNECT TO FIRE PROTECTION SYSTEM. SIZE AS NOTED. SEE PLUMBING PLANS FOR CONTINUATION.
- (FDC) FIRE DEPARTMENT CONNECTION. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED.
- (W) CONNECT TO DOMESTIC WATER SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED.
- (G) CONNECT TO EXISTING NATURAL GAS LINE.



SCALE:



UTILITY PLAN

C4.1