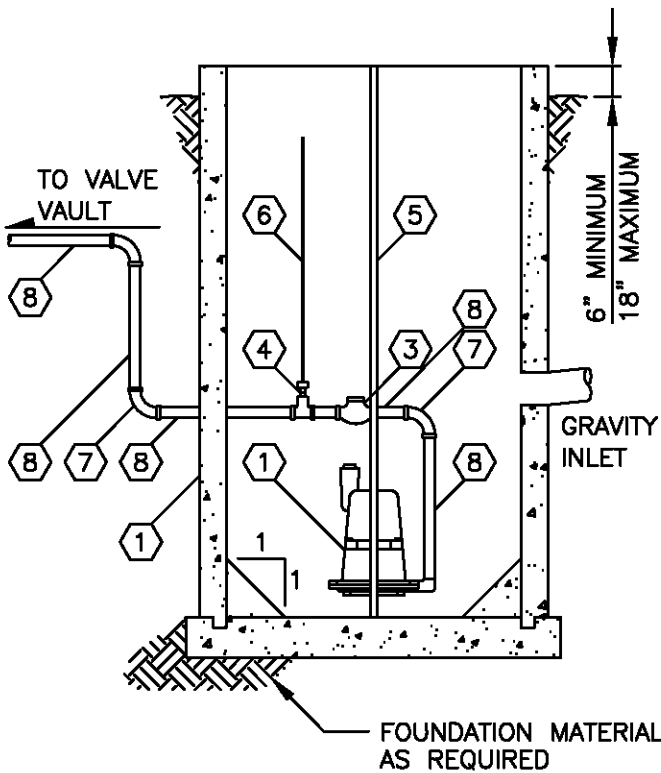
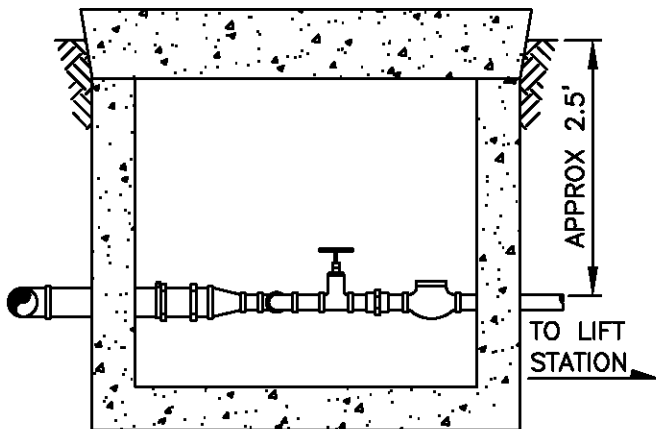


EQUIPMENT SCHEDULE

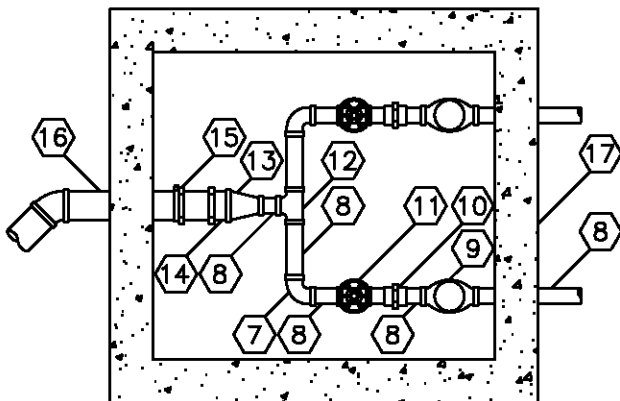
ITEMS 1 THRU 6 BASED ON HYDR-O-RAIL, HYDR-O GRND DUPLEX PACKAGE LIFT STATION AS MANUFACTURED BY HYDROMATIC PUMP COMPANY.



LIFT STATION ELEVATION



VALVE VAULT ELEVATION



VALVE VAULT PLAN

- ① 2 EXPLOSION-PROOF SUBMERSIBLE SEWAGE GRINDER PUMPS EQUAL TO HYDROMATIC 02FX500 5HP, 1750 RPM MOTOR. DESIGN POINT: GPM AT 54' TDH.
- ② 60" LD CONCRETE MANHOLE WITH GROUTED HOPPER BOTTOM AS SHOWN.
- ③ 2" BALL CHECK AGAINST HYDRAULICALLY SEALED DISCHARGE FLANGE EQUAL TO HYDROMATIC.
- ④ 2" GATE VALVE
- ⑤ 1-1/2" GALVANIZED GUIDE RAILS (2 EACH PER PUMP)
- ⑥ GATE VALVE EXTENSION (1 EACH PER VALVE)
- ⑦ 2" C.I. 90° BEND (S X S)
- ⑧ 2" C.I. PIPE (S X S)
- ⑨ 2" BALL CHECK (S X S)
- ⑩ 2" UNION
- ⑪ 2" GATE VALVE (S X S)
- ⑫ 2" C. I. TEE
- ⑬ 2" X 2-1/2" C.I. REDUCER (S X S)
- ⑭ 2-1/2" C.I. PIPE (S X S)
- ⑮ 2-1/2" COUPLING - C.I. TO PVC
- ⑯ 2-1/2" PVC PIPE & FITTINGS - ASTM D 2241 SDR 26. SEE SITE PLAN FOR CONTINUATION.
- ⑰ CONCRETE VAULT - 3.5' H X 3.5' L X 3.5' W EQUAL TO UTILITY VAULT MODEL 444-LA WITH 44-332P COVER. DRAIN TO NEAREST STORM DRAIN FACILITY.

CITY OF KIRKLAND

PLAN NO. CK-S.22



COMMERCIAL AND  
MULTI-FAMILY  
DUPLEX SEWER  
LIFT STATION