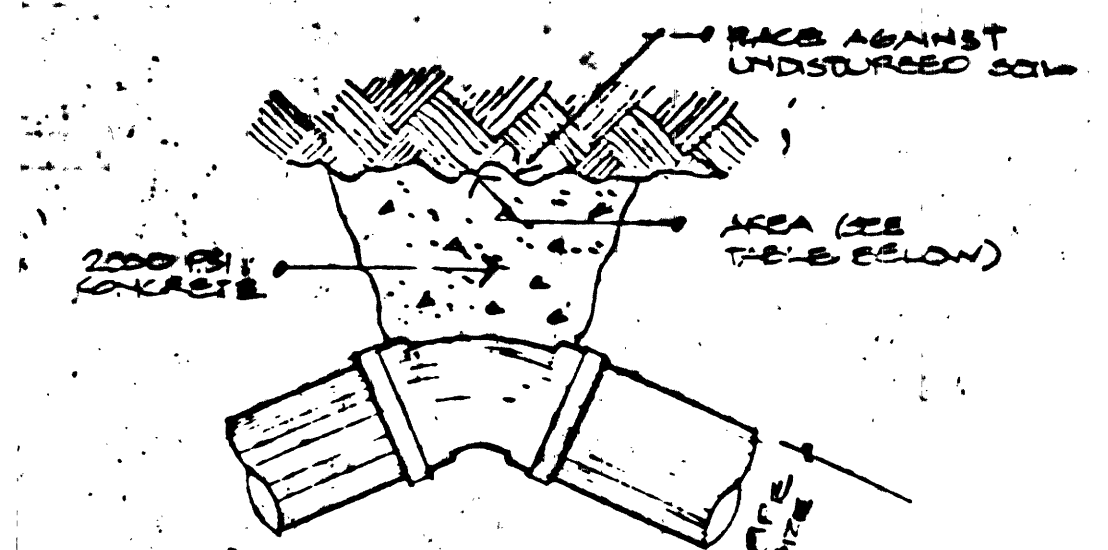


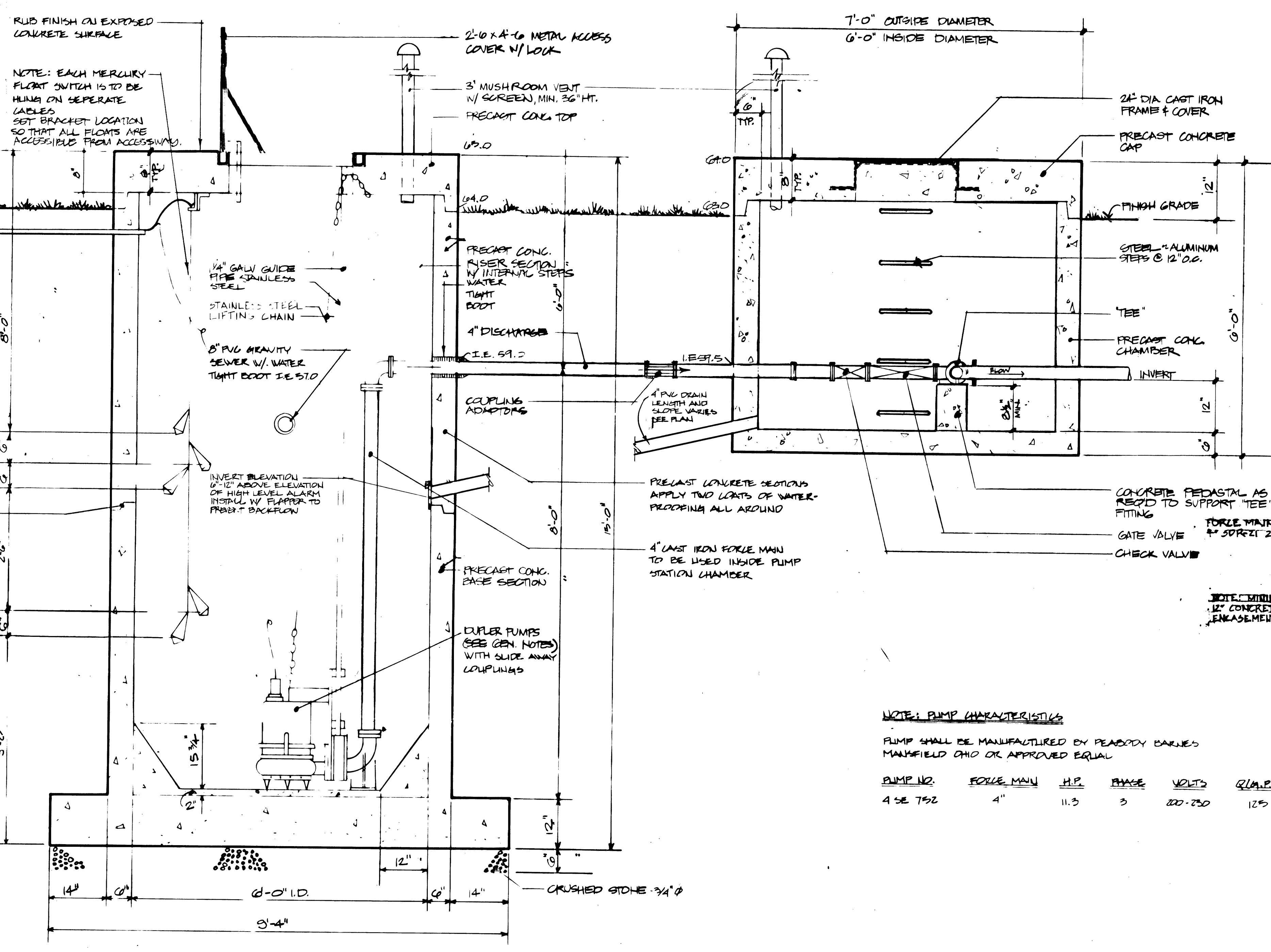
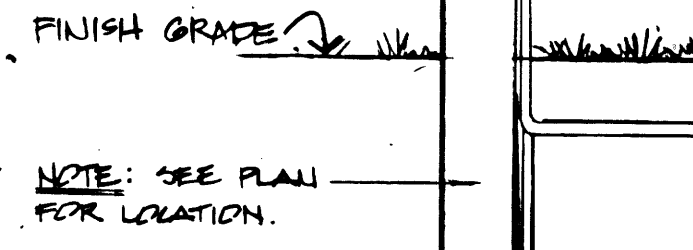
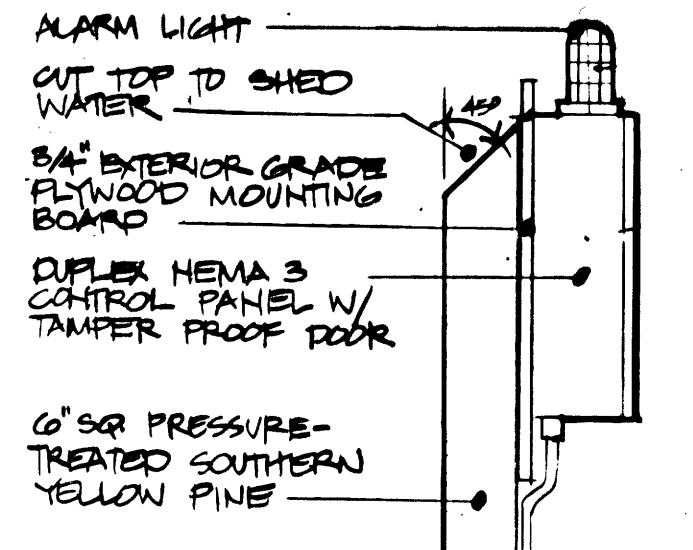
Plan



PIPE SIZE	BEARING AREA (sq ft)			
	TEE 23"	TEE 45"	TEE 22 1/2"	TEE 11 1/4"
2	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	1.4
4	1.2	1.0	1.0	1.0
6	2.0	1.4	1.0	1.0
8	4.0	2.5	1.4	1.0
10	7.2	3.8	2.0	1.0
12	10.4	5.0	2.8	1.5
14	14.2	7.7	3.9	2.0
16	18.5	10.0	5.0	2.5
18	23.4	12.7	6.4	3.3

Thrust Block Detail

- All work shall be in conformance with City of Portland and other utility companies standards.
- Contractor shall verify locations of existing utilities with appropriate utility companies prior to start of construction.
- Contractor shall secure all necessary permits for work shown on these plans.
- All work shall comply with all local, State and Federal safety regulations.
- Contractor shall coordinate work with respective utility companies in a timely fashion.
- Service leads shall be installed for each lot as shown on plan or directed by owner in the field. Locations shall be well marked for future reference.
- The contractor shall be solely responsible for all means, methods and techniques employed to perform the work shown on these plans.
- No blasting will be allowed within any utility company easement without the notification and approval of the appropriate utility.
- Contractor shall provide adequate shoring, bracing and sheeting necessary to meet applicable safety standards and shall provide dewatering as necessary for installation.
- Once the station is completed the contractor shall demonstrate that the station is fully operational and meets all specifications. A representative of the pump supplier shall be available to instruct the owner in the proper operation and maintenance of the pump station.



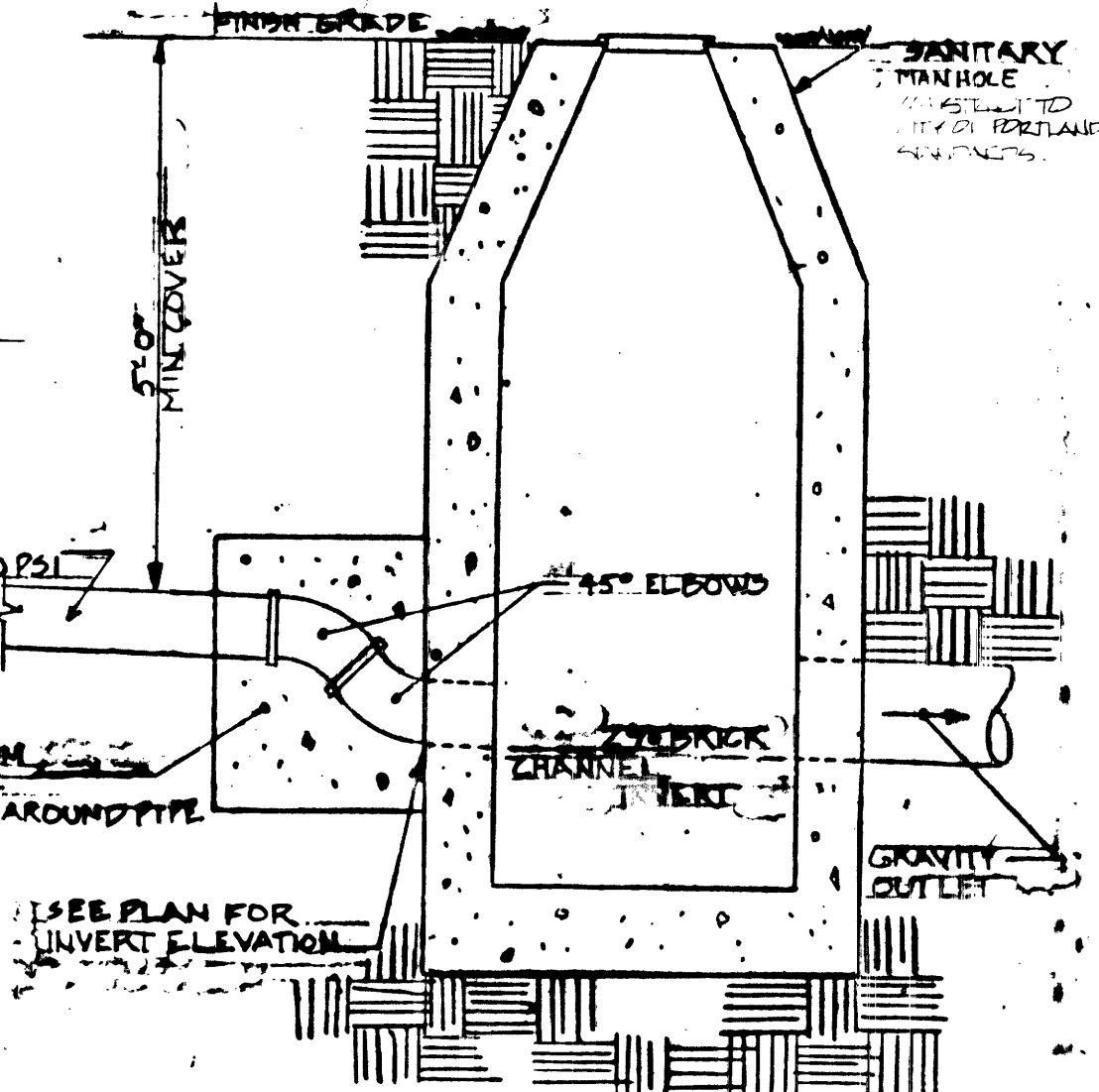
Section

Precast Pumping Station and Valve Chamber

NOTE: PUMP CHARACTERISTICS

PUMP SHALL BE MANUFACTURED BY PEABODY CARVER MANUFACTURING CO OR APPROVED EQUAL

PUMP NO.	FORCE MAIN	H.P.	PHASE	VOLTS	Q (G.P.M.)	T.H.P.
4 SE 752	4"	11.3	3	200-230	125	46.2



Manhole Connection Detail

TERRACE POND  
723 RIVERSIDE STREET  
PORTLAND, MAINE 04101

Pumping Station Details

WILLIAM J. DOWD ASSOCIATES  
17 COMMERCIAL STREET  
PORTLAND, MAINE 04101

DEC. 31, 1987 JOB NO. 1891  
FIELD BY  
AS NOTED SHEET 10 OF 10

