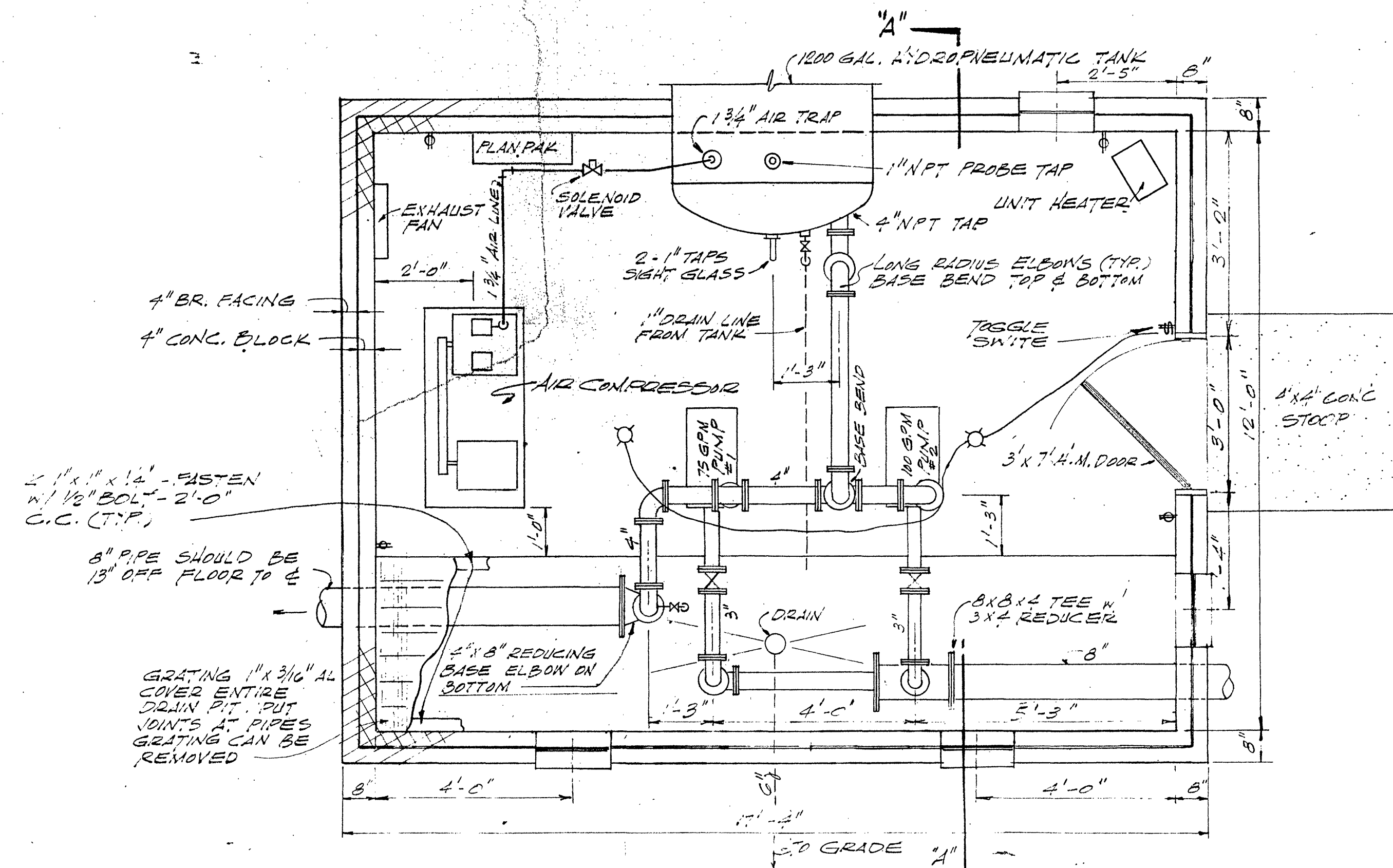
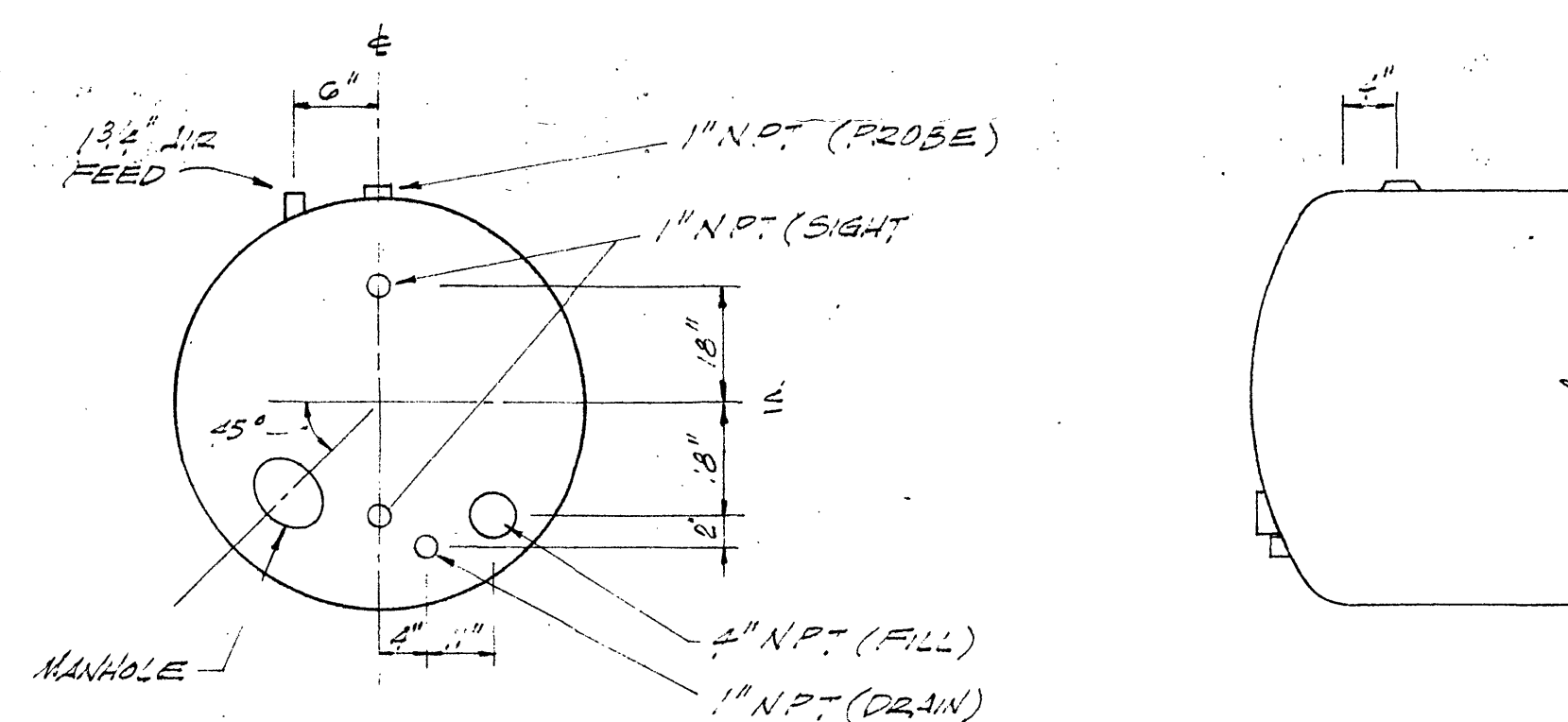
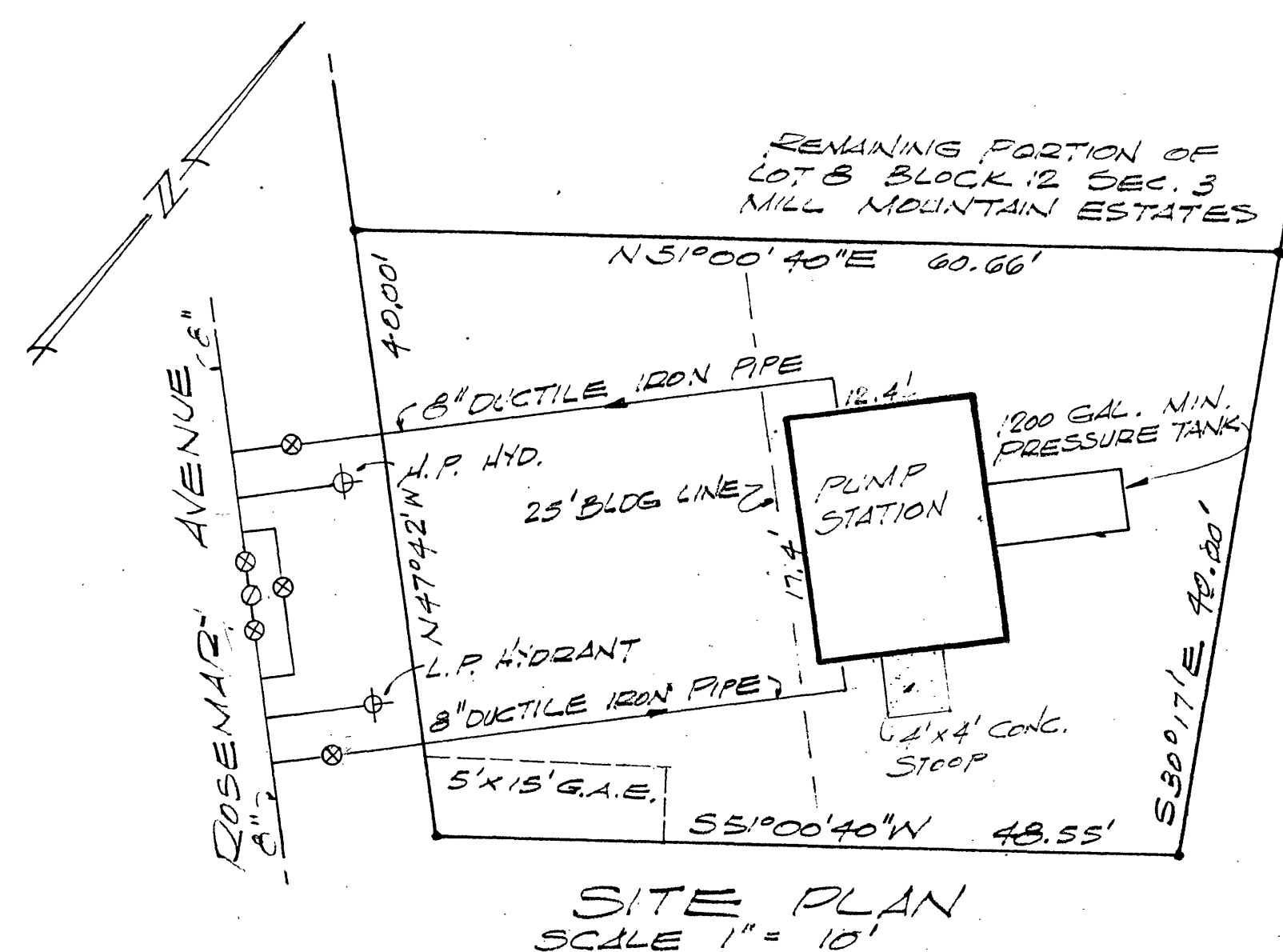




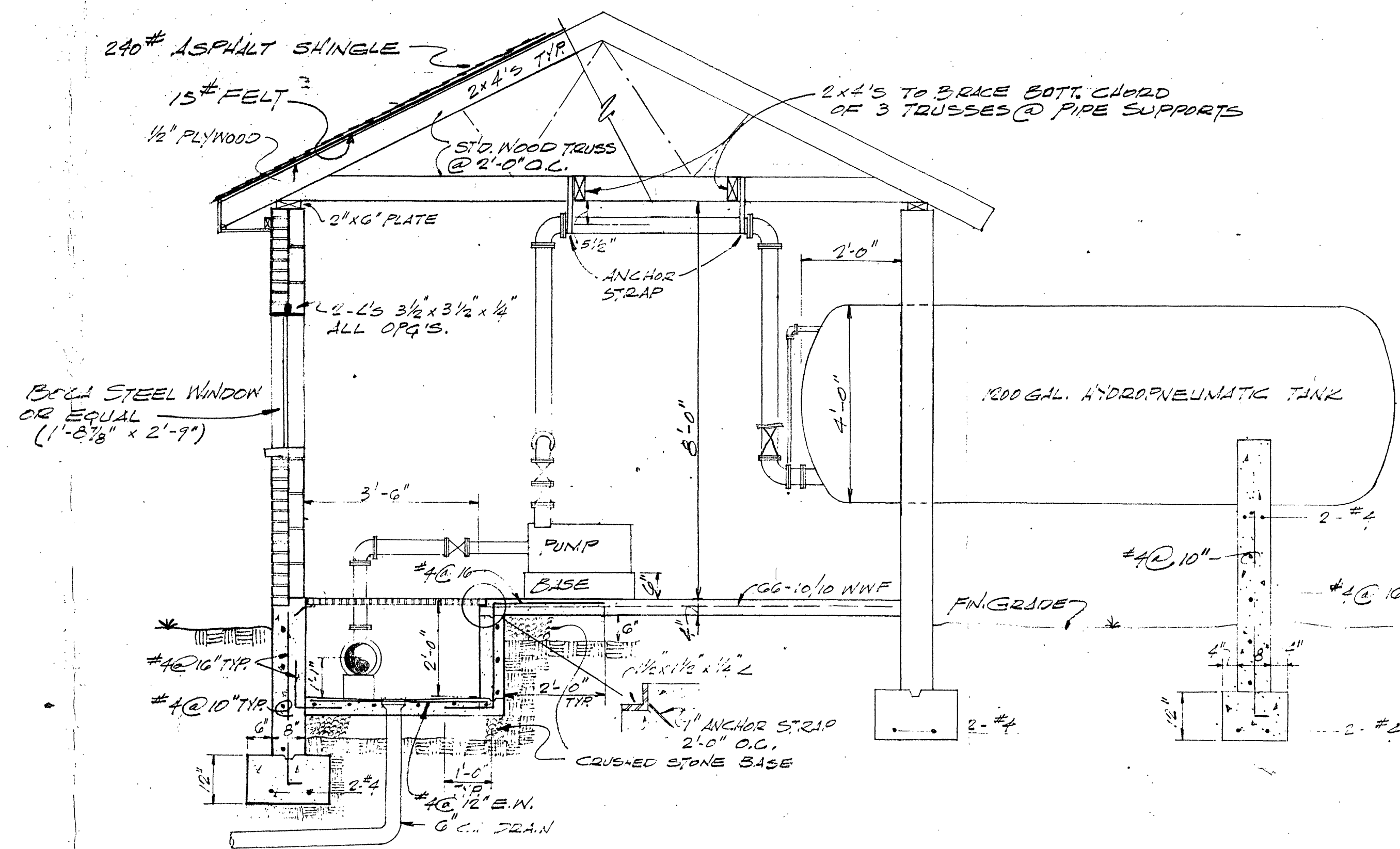
PLAN
SCALE: 1/2" = 1'-0"



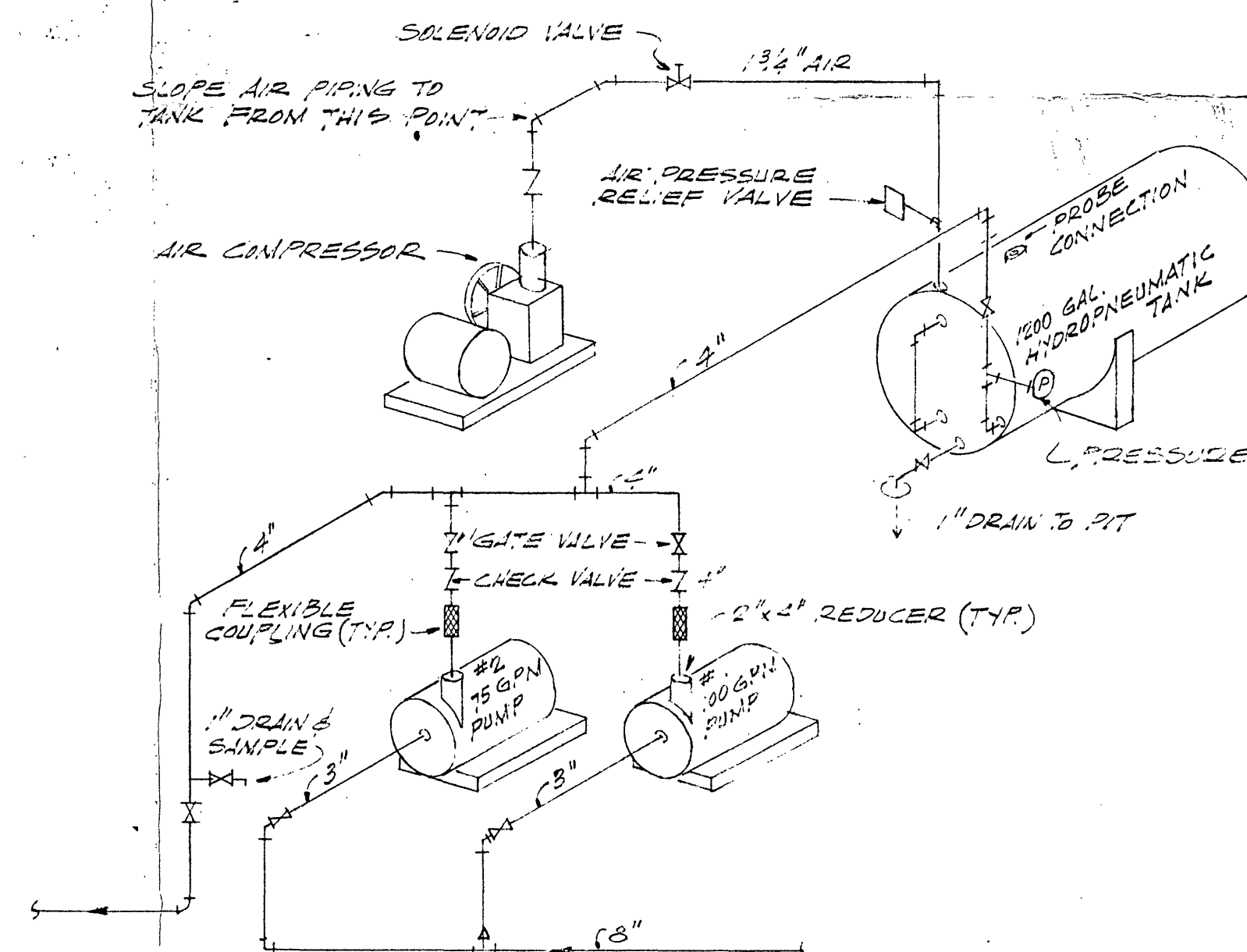
1200 GAL. HYDRO-PNEUMATIC TANK
NO SCALE



SITE PLAN
SCALE: 1" = 10'



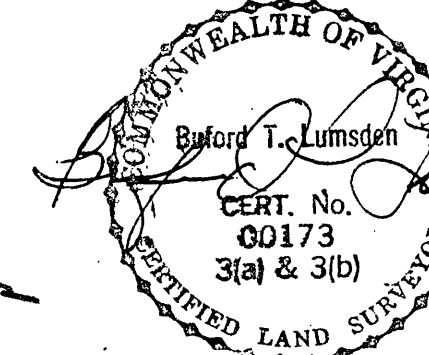
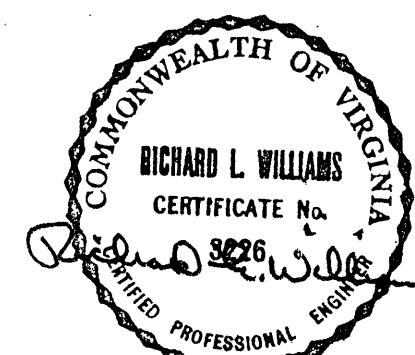
SECTION A-A
SCALE: 1/2" = 1'-0"



ISOMETRIC VIEW
NO SCALE

NOTES		USE
Equipment Requirement		
Pump #1	Single stage, horizontal centri-fugal 100 GPM at 220' TDH 200 volt, 3/4 60 cycles*	120 GPM at 220' basic pump 15 GH2-T frame 215 TC # motor 15 hp Jacuzzi or equal
Pump #2	Single stage, horizontal, centri-fugal 75 GPM at 220' TDH 220 volt, 3/4 60 cycles*	95 GPM at 220' basic pump 10 GM2-T frame 213TC# motor 10 HP Jacuzzi or equal
Compressor	Min 1 HP, 3.7 free air delivery adjustable cut-out 175 PSI	Base mounted model 321 1 1/2 HP Jacuzzi or equal
Controls	Control by pressure & mercury switch - hand/off/automatic Pump suction - 20 - 26 PSI Pump discharge and control, on-105 PSI Off 120 PSI adjustable	Autocon: Duotrol with planpak pumps 10 HP, 15 HP air add & air vent use probe to stop pump(s)
Heater	Auto therm control 50° - 80° F 220 volt	ILG 360A, 3KW 292 CFM Hanger bracket
Exhaust fan		ILG PV 163 1/12 HP with therm. @ 90° Size 21 gravity shutter
Floor drain		Josam 304-36A uses 4" pipe
Tank		
1200 gal. min. capacity. Pressure relief set, at 130 PSI (adjustable) air injection fitting with air check valve on top of tank, prime coat and two finish coats of aluminum color of approved paint.		
Pressure recording chart		
Install pressure recording chart, honywell no 702XI-II-LLL-74 or equal 0-200 PSI daily cycle.		
Piping		
Cast iron flanged or copper, exposed.		
All electrical work to be in accordance with Roanoke City Electrical code.		

WATER BOOSTER STATION
FOR
MILL MOUNTAIN ESTATES SUB'D.
ROANOKE, VIRGINIA
JAMES E. LONG CONSTRUCTION CO., INC.
SCALE: AS NOTED DATE: 14 SEPT. 1973



A.K.A.
(Rosemary Pump Station)

BUFORD T. LUMSDEN & ASSOCIATES
CERTIFIED LAND SURVEYORS
ROANOKE, VIRGINIA

Received From Long
(Mr. Moran Sept 19, 1973)

CONV. 73-222