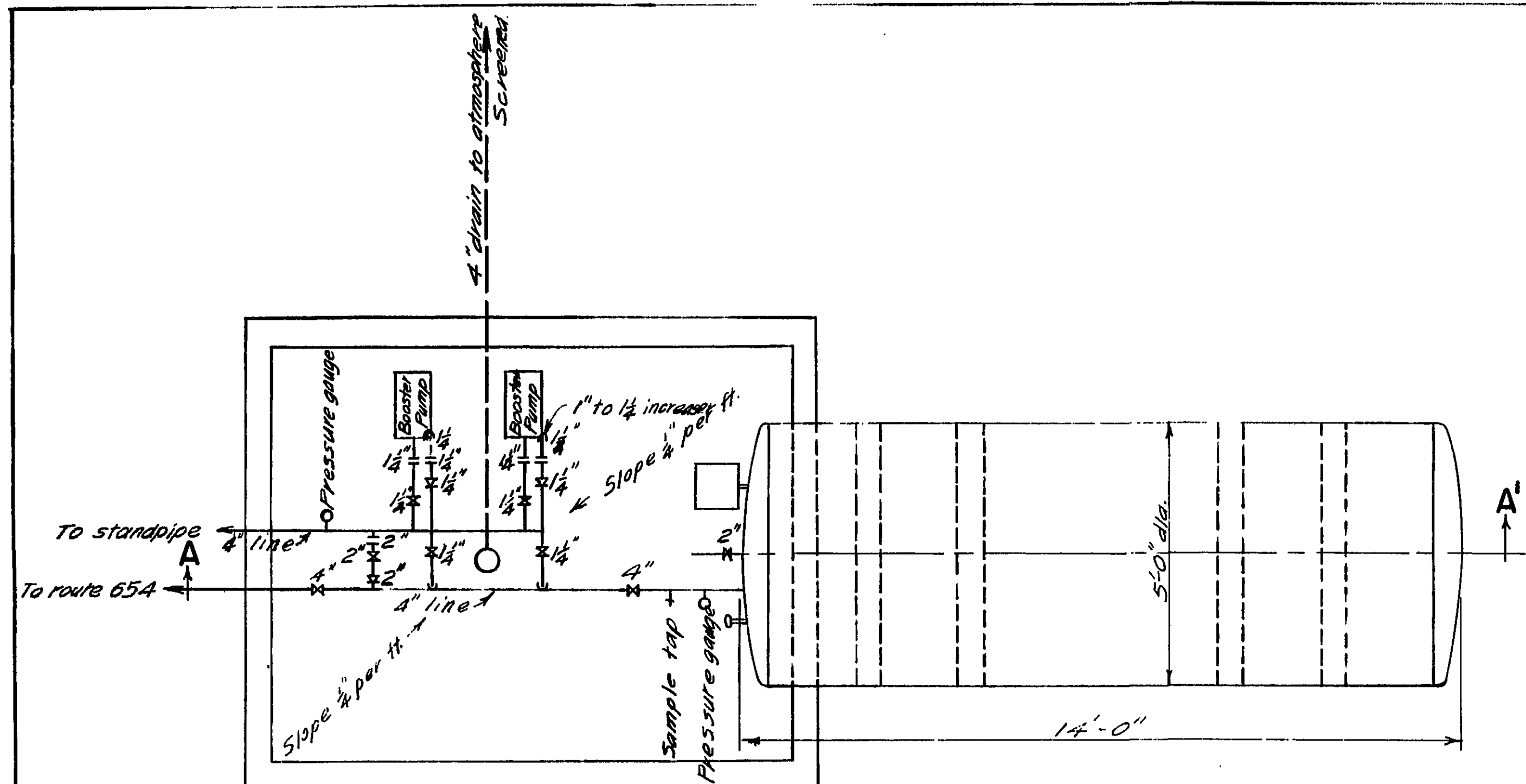
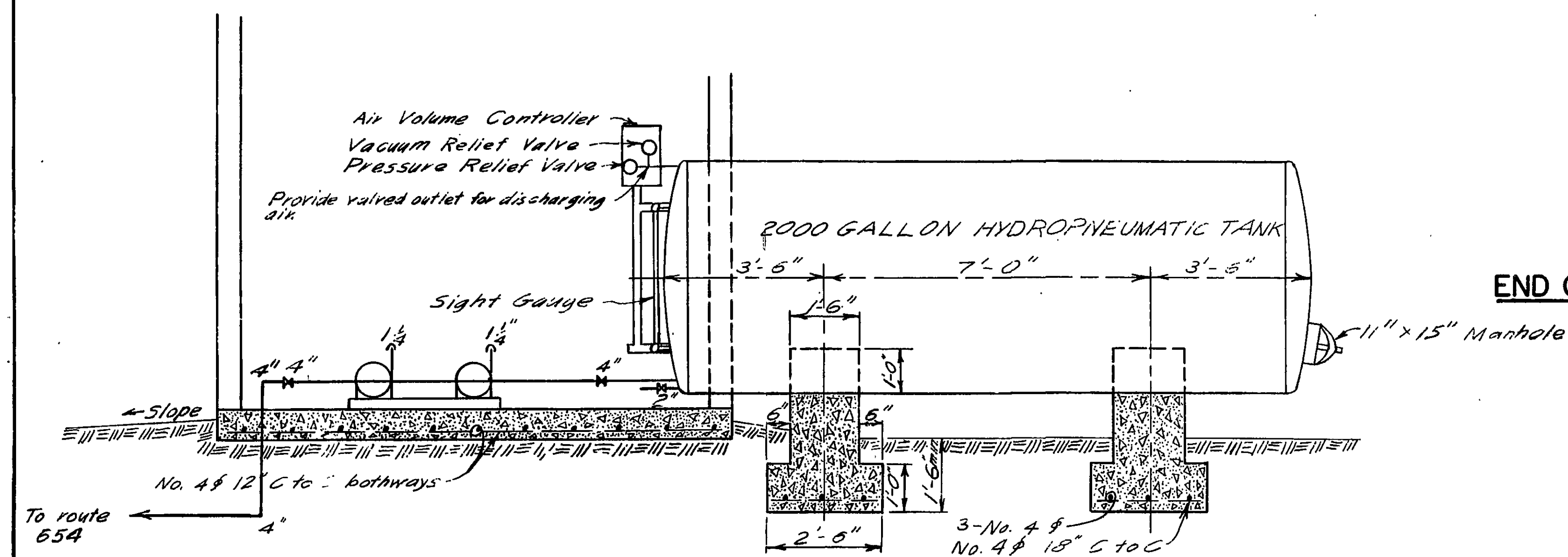
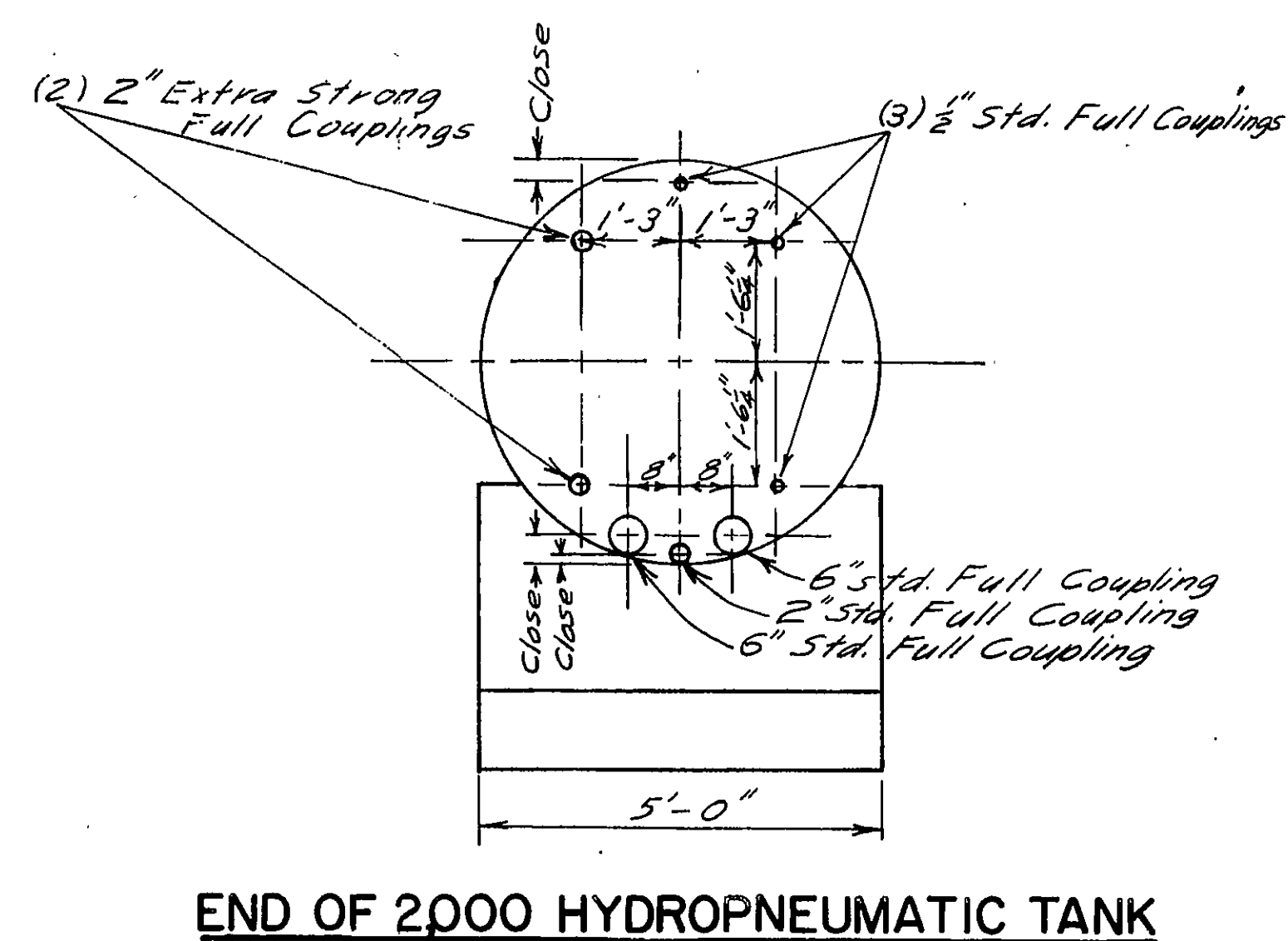




PLAN



SECTION A-A'



END OF 2000 HYDROPNEUMATIC TANK

Notes:

1. The floor of the pump house shall be a 6" concrete slab reinforced with #4 reinforcing bar on 12" centers both ways. The pump house floor shall be above grade and slope 1/8" per foot to a 4" floor drain.
2. The pump house shall be provided with a light and a heater to prevent freezing.
3. The tanks shall be constructed of black open hearth steel.
4. The tanks shall be disinfected by filling with 50 p.p.m. liquid chlorine solution and held for 24 hours maintaining a residual of 25 p.p.m. After 24 hours the tank shall be drained, refilled and two (2) bacteriological samples shall be taken 24 hours apart from each tank and found to be free of coliform organisms before the tank is put in service.
5. All pipe, valves, fittings etc. shall be ASTM Class 125 suitable for potable water and disinfected in accordance with current AWWA regulations.
6. Air Volume Controller shall be an Air-Mec Air Volume Control Model Number 603 as manufactured by Aqua-Mec, Inc., P.O. Box 9053, San Jose, California 95157, or approved equal.
7. Outside of the tank shall be sandblasted, primed with Red Zinc Chromate Primer and painted with two (2) coats of Forest Green Enamel.
8. The interior of tank shall be sandblasted and painted with the Mobile Val-Chem #78-W-3 two (2) coat system.
9. Booster pumps shall be Model 1DS1 - 1 H.P. centrifugal pumps as manufactured by Jacuzzi Bros., Inc. The pumps shall be provided with a switch to alternate the pumps with each pumping cycle. The pumps shall be set to start operating at 40 p.s.i. individually with both pumps operating at 35 p.s.i. and stopping at 55 p.s.i.

NOT TO SCALE

Prepared by: William L. Law, Civil Engineer, Va. Cert. No. 1296
Route 1, Box 420, Bassett, Virginia 24055
February 24, 1979

WATER SYSTEM
to serve
WATER FRONT SECTION 3
owned by
BREMBLE PROPERTIES, INC.
GILLS CREEK MAG. DIST.
FRANKLIN COUNTY, VIRGINIA

