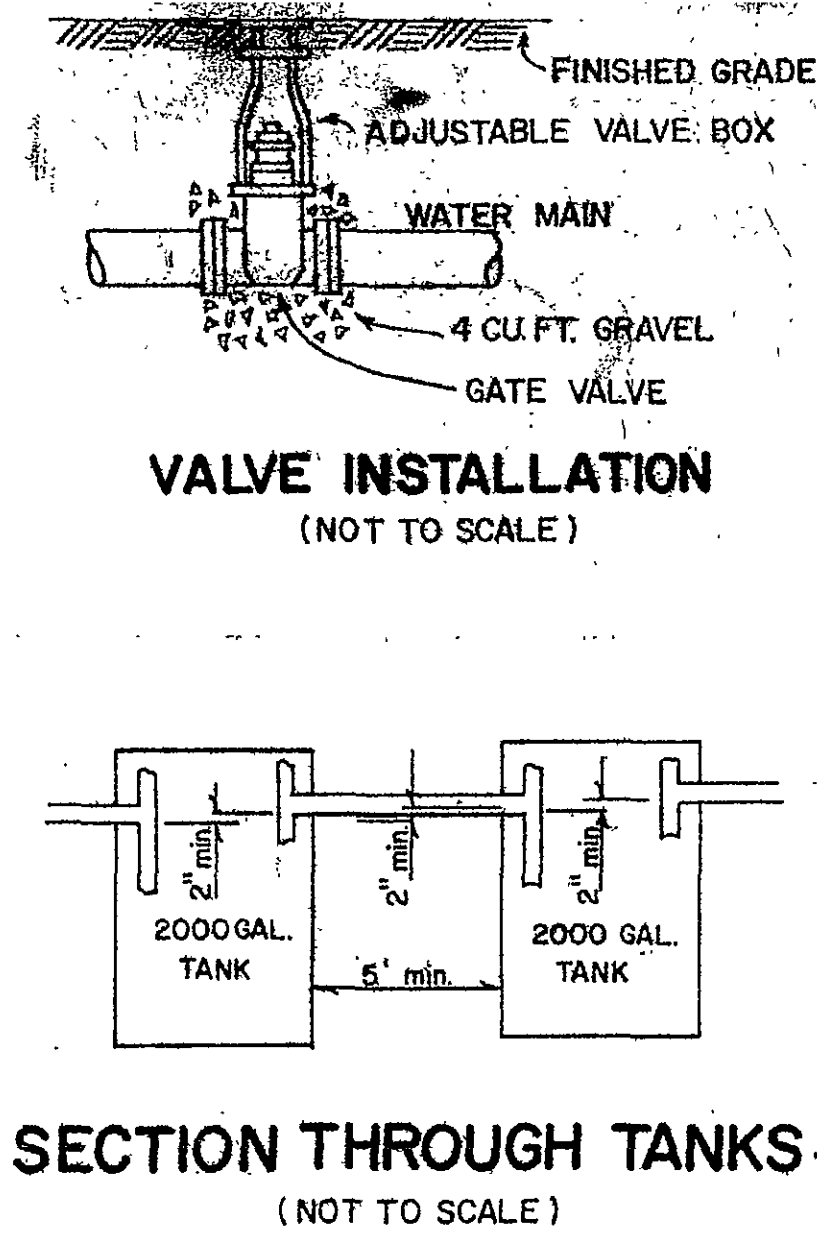
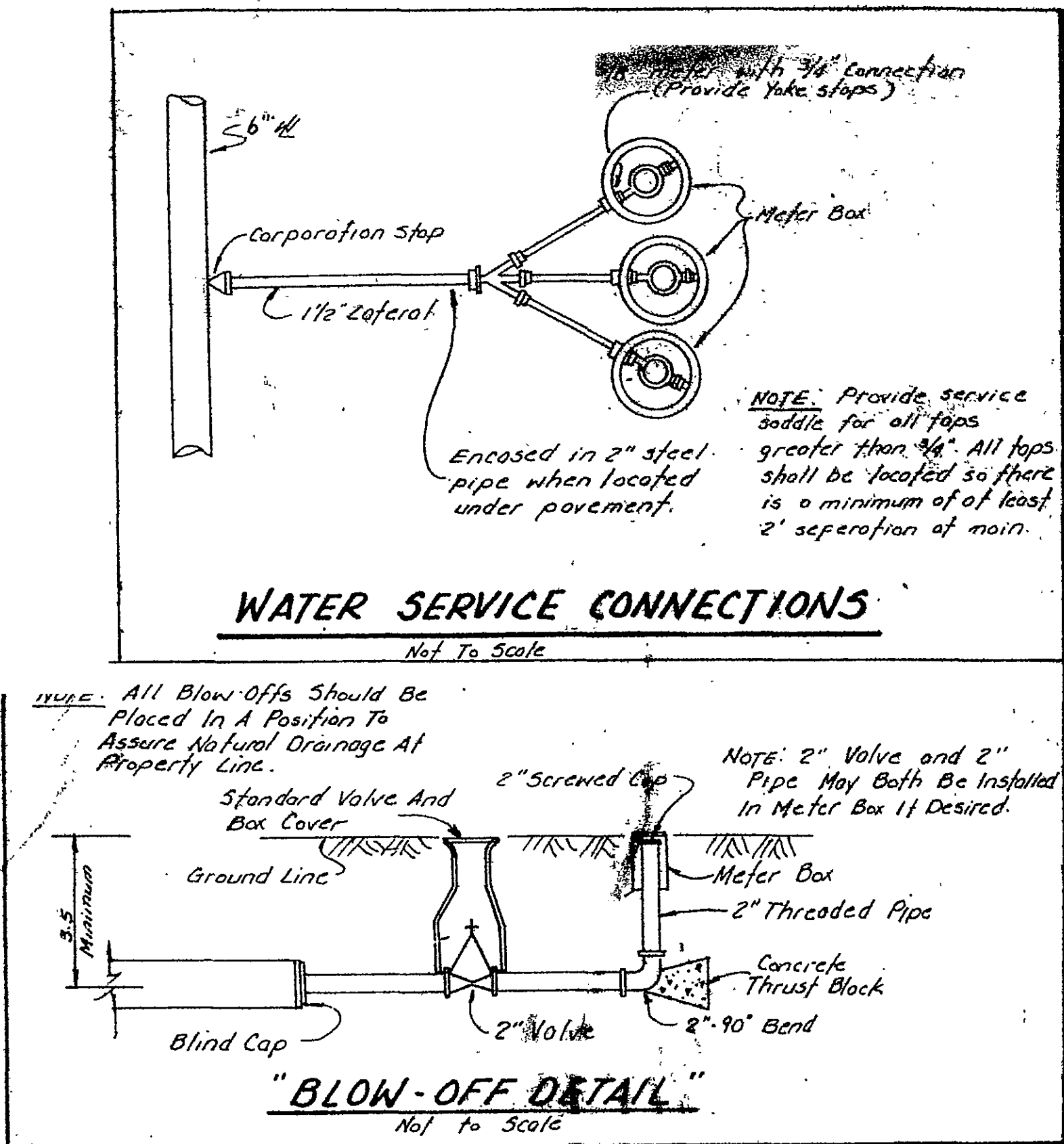
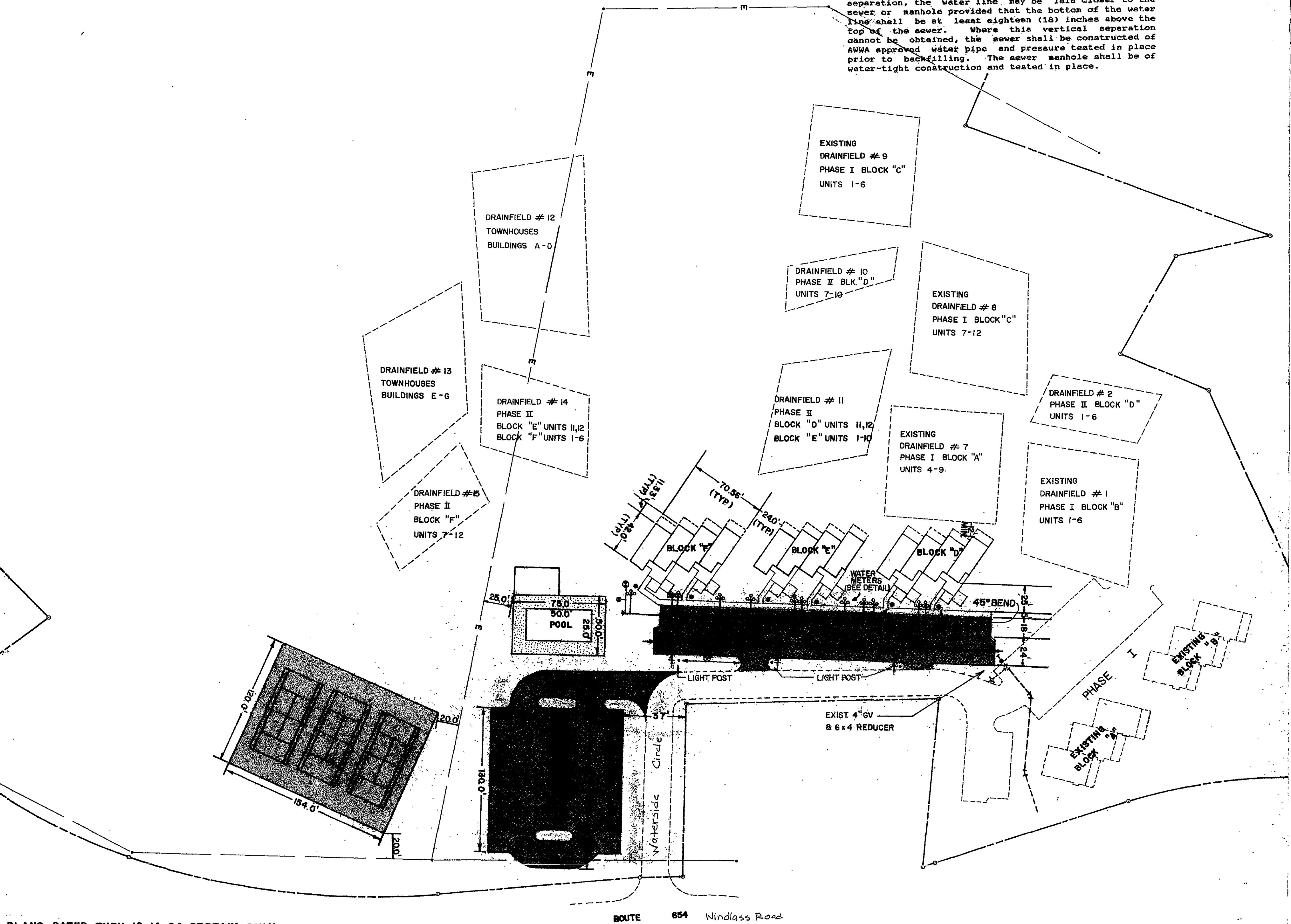




- WATER NOTES**
- Water main shall be P.V.C. Class 150 and in accordance with A.W.W.A. C-300.
 - All materials, construction, etc., shall meet all current specifications and requirements of the Virginia Department of Health and the State Waterworks regulations.
 - The water mains shall have a minimum cover of 3'-0".
 - The water main shall be disinfected by placing Calcium Hypochlorite tablets at the following rates per 100 lineal feet of water main; 0.16 pounds in 8" main, 0.09 pounds in 6" mains, 0.05 pounds in 4" mains and 0.03 pounds in 3" mains. The tablets shall be placed in each section of pipe, also in hydrants, hydrant branches and all other appurtenances. All the tablets shall be attached to the top of the main with Permatex No. 1 as manufactured by the Permatex Company, Brooklyn, New York, or approved equal by the engineer. The water mains shall be filled slowly and let stand for 24 hours; then the line flushed at 60 g.p.m. until all the chlorine has been removed. After the chlorine has been removed, 2 samples shall be collected 24 hours apart from the end of each line and tested for bacteriological quality and show the absence of coliform organisms before the line is put in service. The chlorine residual shall be not less than 50 p.p.m. at the beginning and 25 p.p.m. at the end of the sterilization period in accordance with A.W.W.A. standards. Samples shall be collected at regular intervals not to exceed 2000 ft.
 - All pipe joints shall be made in accordance with the manufacturers instructions.
 - All utilities to maintain 10 feet horizontal separation from subgrade drainfields and sewer lines.
 - Maintain 30 feet between subsurface drainfields and waterlines.
 - Contractor shall minimize any disturbance to existing water service during construction and provide quality workmanship.
 - All units shall be equipped with appropriate backflow prevention in accordance with BOCA code and no cross-connections.
 - Number of proposed services equals 36-1 bedroom units with estimated total water consumption of 5400 gal. per day plus pool @ 1350 gal. per day (see design notes).
 - Waterworks Owner: Waterfront
Bremble Properties, Inc.
Franklin County, Virginia
 - Estimated water pressure: 30 psi @ condos.
 - All water mains shall be pressure tested at 2 times the working pressure for at least 2 hours with no leakage.
 - A continuous and uniform bedding shall be provided in the trench for all pipe. Stones and rocks found in the trench shall be removed for a depth of at least 6" below the bottom of the pipe and tamped selected fill bedding provided. After the pipe has been placed in the trench, the trench shall be backfilled with selected material thoroughly compacted using care not to damage the pipe.
 - All trenches under pavement or concrete slab shall be compacted at optimum moisture (within a tolerance of 20% of optimum) to a minimum density of 95% of the modified proctor (ASTM D-1557).
 - All water lines shall be maintained at ten (10) feet horizontal separation from sewer lines and manholes; the distance shall be measured edge-to-edge. When local conditions prevent the desired horizontal separation, the water line may be laid closer to the sewer or manhole provided that the bottom of the water line shall be at least eighteen (18) inches above the top of the sewer. Where this vertical separation cannot be obtained, the sewer shall be constructed of AWWA approved water pipe and pressure tested in place prior to backfilling. The sewer manhole shall be of water-tight construction and tested in place.

REV
WATER SERVICE



PLANS DATED THRU 12-14-84 PERTAIN ONLY
TO PHASE II BLOCK "D" UNITS 1-6

JOB NO. 347-1E 1 OF 4 SCALE - 1" = 500' SHEET NO. DESIGNED BY D. DYE CHECKED BY S. STRAUGHN DATE 12-8-84 REVISIONS 12-14-84 1-14-85	FAIRWAY BAY PHASE II SITE & UTILITIES PLAN GILLS CREEK DISTRICT FRANKLIN COUNTY, VIRGINIA	bolzer and associates, inc. Planners • Architects • Engineers • Surveyors 16 S. College Avenue Salem, Virginia 24153 Phone: 703/389-7323 400 Southlake Boulevard Suite A Richmond, Virginia 23236 Phone: 804/794-0571	
	FAIRWAY BAY PHASE II SITE & UTILITIES PLAN GILLS CREEK DISTRICT FRANKLIN COUNTY, VIRGINIA		