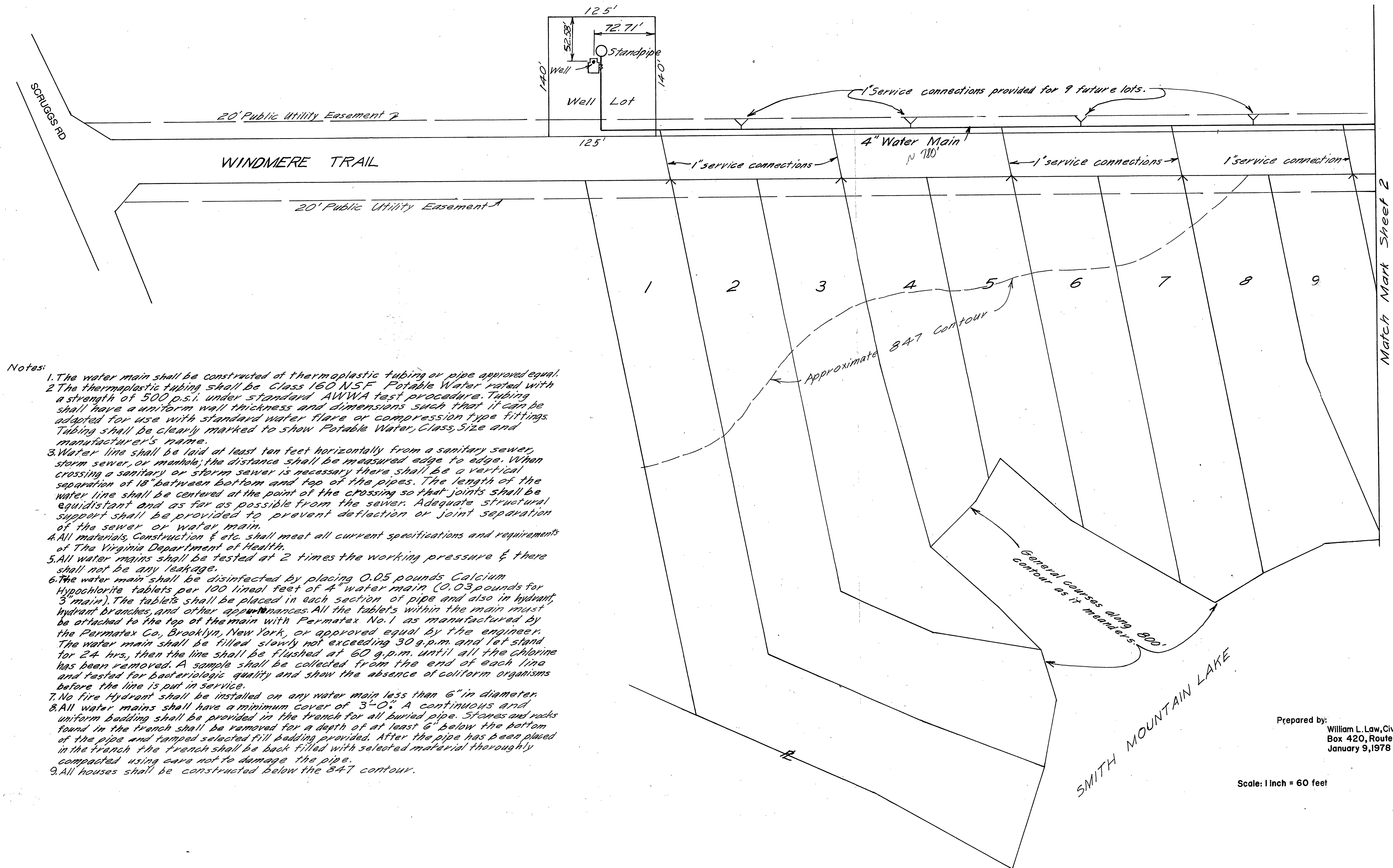


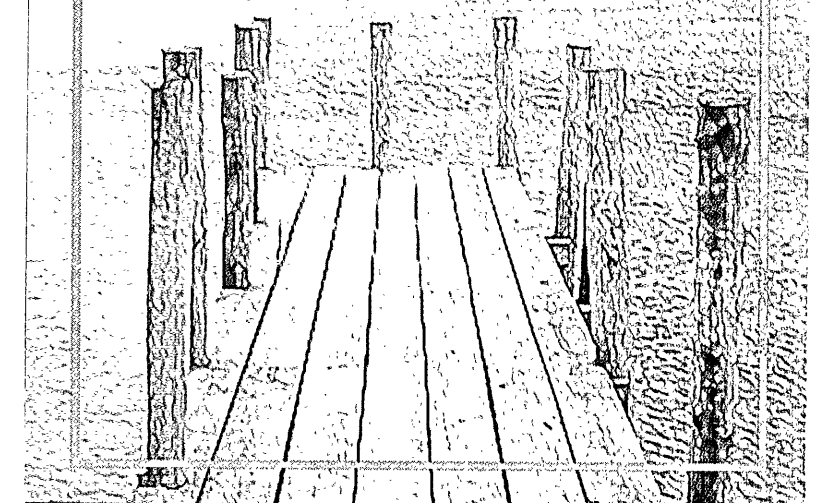


Notes:

1. The water main shall be constructed of thermoplastic tubing or pipe approved equal.
2. The thermoplastic tubing shall be Class 160 NSF Potable Water rated with a strength of 500 p.s.i. under standard AWWA test procedure. Tubing shall have a uniform wall thickness and dimensions such that it can be adapted for use with standard water flare or compression type fittings. Tubing shall be clearly marked to show Potable Water Class, Size and manufacturer's name.
3. Water line shall be laid at least ten feet horizontally from a sanitary sewer, storm sewer, or manhole; the distance shall be measured edge to edge. When crossing a sanitary or storm sewer is necessary there shall be a vertical separation of 18" between bottom and top of the pipes. The length of the water line shall be centered at the point of the crossing so that joints shall be equidistant and as far as possible from the sewer. Adequate structural support shall be provided to prevent deflection or joint separation of the sewer or water main.
4. All materials, construction & etc. shall meet all current specifications and requirements of The Virginia Department of Health.
5. All water mains shall be tested at 2 times the working pressure & there shall not be any leakage.
6. The water main shall be disinfected by placing 0.05 pounds Calcium Hypochlorite tablets per 100 lineal feet of 4" water main (0.03 pounds for 3" main). The tablets shall be placed in each section of pipe and also in hydrant, hydrant branches, and other appurtenances. All the tablets within the main must be attached to the top of the main with Permatex No. 1 as manufactured by the Permatex Co., Brooklyn, New York, or approved equal by the engineer. The water main shall be filled slowly not exceeding 30 g.p.m. and let stand for 24 hrs., then the line shall be flushed at 60 g.p.m. until all the chlorine has been removed. A sample shall be collected from the end of each line and tested for bacteriologic quality and show the absence of coliform organisms before the line is put in service.
7. No fire Hydrant shall be installed on any water main less than 6" in diameter.
8. All water mains shall have a minimum cover of 3'-0". A continuous and uniform bedding shall be provided in the trench for all buried 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 back filled with selected material thoroughly compacted using care not to damage the pipe.
9. All houses shall be constructed below the 847 contour.

Special Note...

2970' 4" MAIN
540' 3" 4"
4" GATE VALVE IN MIDDLE
DISTRIBUTION SYSTEM STARTS
2615' FROM SCRUGGS RD



WATER SYSTEM
to serve
WINDMERE POINT SUBDIVISION
for
WINDMERE, LTD.
GILLS CREEK MAG. DIST.
FRANKLIN CO., VIRGINIA

Prepared by:
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Box 420, Route 1, Bassett, Virginia 22055
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Scale: 1 inch = 60 feet

