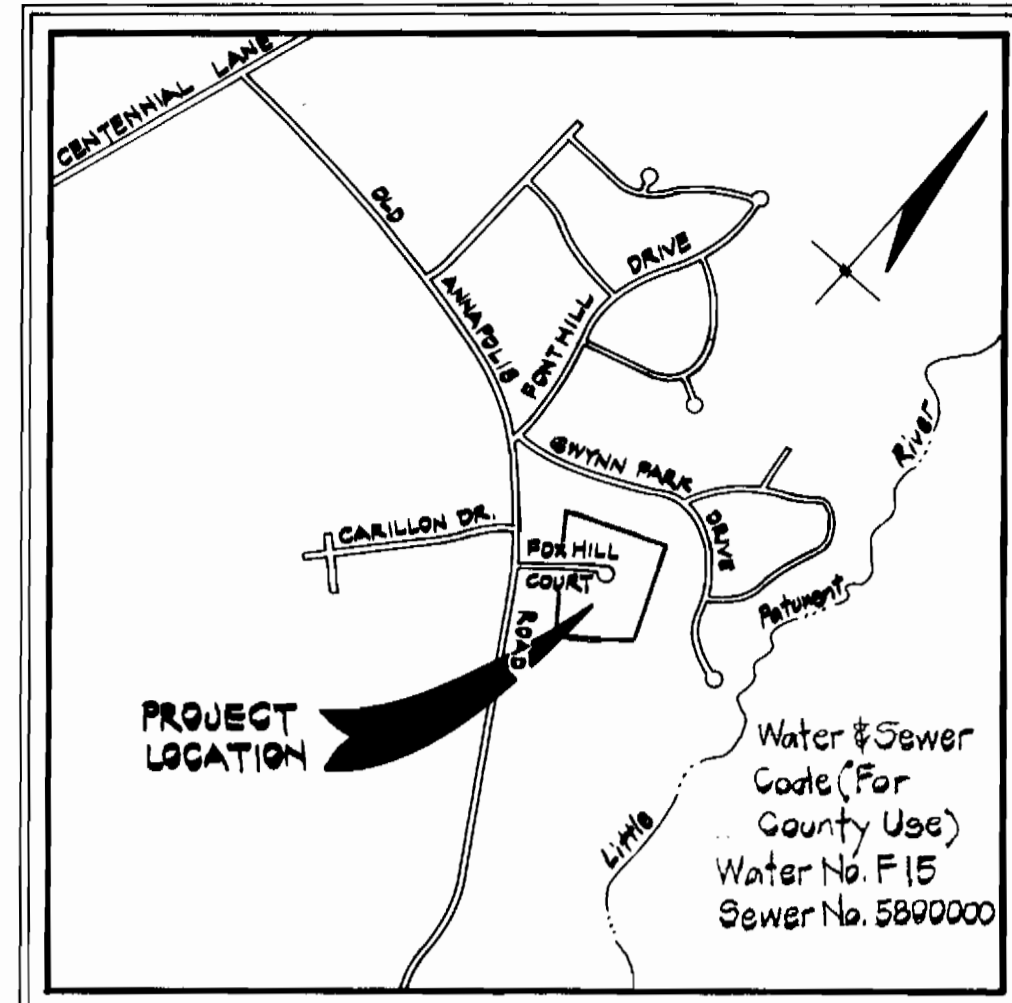


BENCH MARKS

B.M.#1 - Howard Co. Control Man. #3941003 El. Conc. Man. with Brass Disk S.E. Side of Old Annapolis Road
 B.M.#2 El. 951.93
 Cross Cut in Conc. Handwall Rear of Lot 25 Gwynn Acres



VICINITY MAP
 Scale: 1" = 100'

GENERAL NOTES

1. Approximate locations of existing utilities are shown. The contractor shall take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to the contractor's operation shall be repaired immediately at the contractor's expense.
2. All pipe elevations shown are invert elevations.
3. The contractor shall notify Miss Utility (559-0100) at least three (3) days prior to beginning any construction shown hereon.
4. See standard details bound in specifications.
5. Clear all utilities by a minimum of 6". Clear all utility poles by 2'-0" minimum or tunnel as required. Any costs incurred to the contractor for tunneling or bracing poles shall be included in the unit price bid for excavation.
6. The contractor shall provide a pipe joint in all sewer mains within 2'-0" of exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter, unless otherwise noted.
8. Buttress or anchor all water main fittings with concrete. All valves shall be strapped to tees in accordance with standard details.
9. All water mains to have a minimum of 3.5' cover, unless noted.
10. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details. Cost of strapping fire hydrants and valves to be included in the unit price bid for furnishing and installing fire hydrants. Bail around the fire hydrant to be completed in accordance with Section 5-15 of the Standard Specifications.
11. Bury line elevations on fire hydrants shall be set to the elevations shown on the plan.
12. All horizontal and vertical controls are based on the Maryland State Grid System.
13. The contractor shall notify the following utilities at least three (3) days prior to beginning any construction shown hereon:
 CAT Telephone Co. (767-3976)
 BGE Co. - Underground Damage Control (294-5691)
 BGE Co. - Underground Gas (559-0100)

PLAN
 Scale: 1" = 50'

PROFILE
 Horizontal: 1" = 100'
 Vertical: 1" = 10'

QUANTITIES

Item	Proposed	As-Built
8" Sewer	776 L.F.	764 L.F.
6" Water	20 L.F.	20 L.F.
Manholes	31 V.F.	36.2 L.F.
6" S.H.C.	556 L.F.	293 L.F.
1" W.H.C.	350 L.F.	
Fire Hydrants	1 Ea.	1 Ea.
8" Water	670 L.F.	676 L.F.

No.	Date	REVISION
2	3/23/78	Relocate Prop. Sewer (Act) Trench / Driveway
1	6/2/78	Change from 6" to 8" water

LOUIS A. SPITTEL, INC.
 CONSULTING ENGINEERS
 8231 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
R.E. Sreudenberger 5/16/78
 Director of Public Works Date
W.O. Tolbert 5-15-78
 Chief, Bureau of Engineering Date

CONTRACT NO. **1759-D-W05**

PLAN OF WATER AND SEWER MAINS

FOX HILL COURT
FOX HILL
 WATER AND SEWER MAIN EXTENSION
 ELECTION DISTRICT NO. 2
 HOWARD COUNTY, MARYLAND

DRAWING NO. **1** OF **1**
 SCALE: As Shown
 Design: A.E.L.
 Drawn: B.D.B.
 Checked: L.A.S.