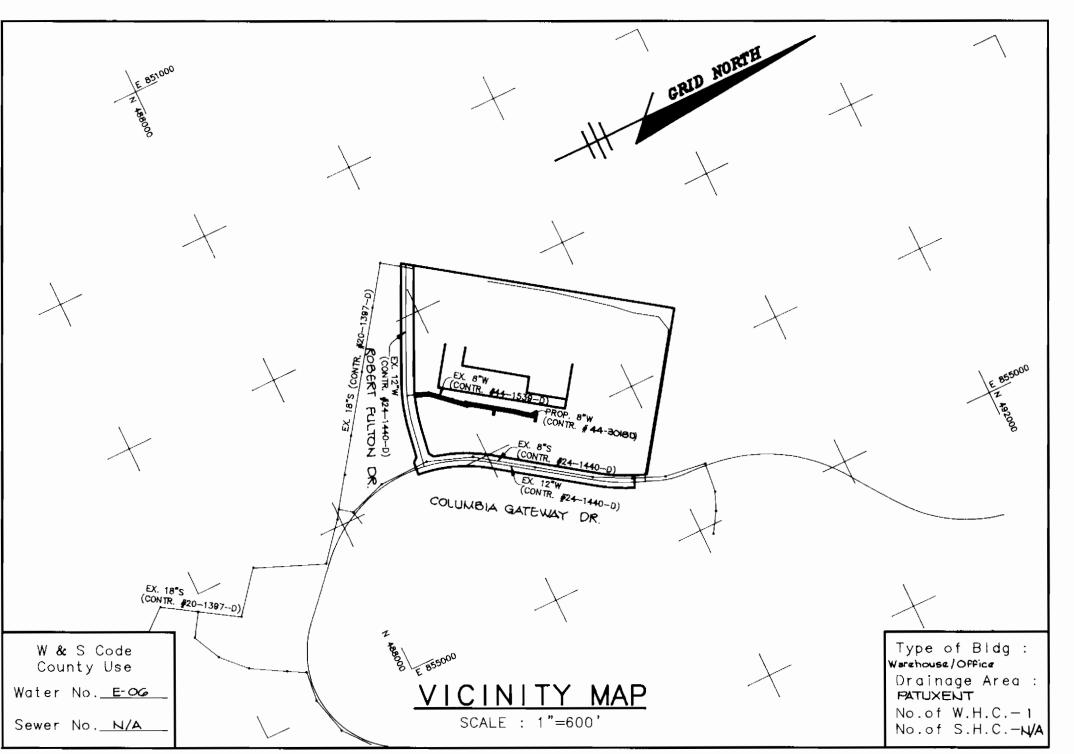
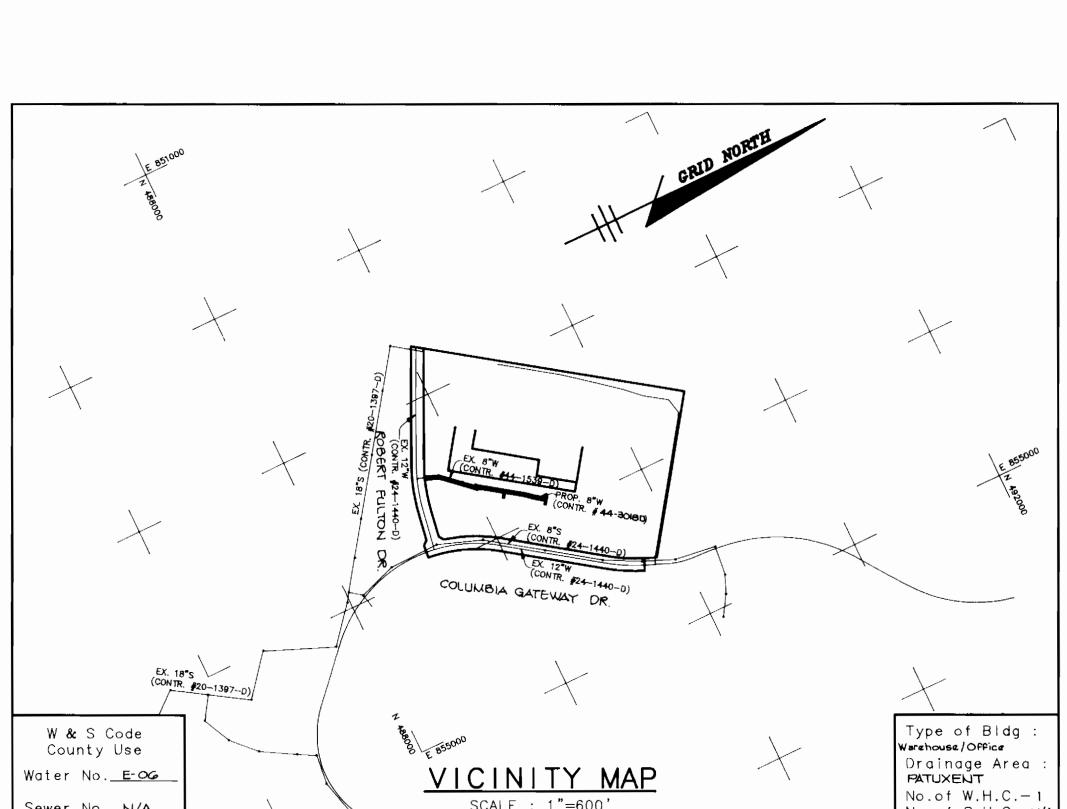
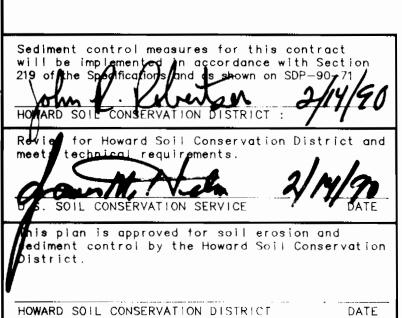
## PUBLIC WATER EXTENSION LUSKINS AT COLUMBIA GATEWAY

6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3018-D







	Quant	ities	
l t em	Estimated	As Built	Material Supplier
8" WATER	447 L.F.		
G" WATER	78 L.F.		
FIRE HYDRALIT	3 Each		
<u> </u>	7		
			96PL-134-1
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	<i>5</i> 7		
DEPARTMENT	ΓOF	PUBL I C	WORKS
HOWARD	COUNT	Y, MARYLA	ND

RIEMER MUEGGE & ASSOCIATES, INC. 3105 NORTH RIDGE ROAD ELLICOTT CITY, MARYLAND (301) 461-2690

	DES: W.C.W.		
	DRN: C.A.D.		
	CHK: J.D.P.		
ARTHUR E. MUEGGE #8707	DATE: 10-11-80	BY	N

	DES: W.C.W.			•		
	DRN: C.A.D.					TITLE SHEET
ı	CHK: J.DP					IIILL SIILLI
7	DATE: 10-11-60	BY	NO.	REVISION	DATE	600' SCALE MAP NO. 42443 BLOCK NO

LUSKINS AT COLUMBIA GATEWAY 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3018-D

LOCATION MAP

- 1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the engineer at the contractor's
- 2. All horizontal controls are based on Maryland State coordinates.
- 3. All vertical controls are based on U.S.G.S. data.
- 4. All pipe elevations shown are \_\_\_\_\_invert elevations.
- 5. Clear all utilities by a minimum of 6".
- 6. For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV: 1989 Amendments, Standard Specifications and Details for Constructions. The contractor shall have a copy of Volume IV on the job.
- 7. Where test pits have been made on existing utilities, they are noted by the symbol **a** at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be verified by the contractor to his own personal satisfaction. Any damage to existing facilities due to the contractor's negligence shall be repaired at the contractor's expense.
- 8. The contractor shall notify the following utilities or agencies at least five working days before starting work shown on these plans:

531-5533 State Highway Administration Baltimore Gas and Electric Co. — Contractor Services 859-9004 Baltimore Gas and Electric Co. — Underground Damage Control Baltimore Gas and Electric Co. — Trouble Shooting 298-9001 1-559-0100 795-1390 Bureau of Utilities, Ho.Co. Department of Public Works 1-800-257-7777 C & P Telephone Co.

- 9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
- 10. The contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
- 11. All water mains to be D.I.P. Class 52 unless otherwise noted.
- 12. Tops of all water mains to have a minimum of 3-1/2 cover unless otherwise
- 13. Valves adjacent to tees shall be strapped to tees
- 14. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- 15. Fire hydrants shall be set to the bury line elevation shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1003 of the Standard
- 16. The contractor shall not operate any water main valves on the existing
- 17. All water house connections shall be for inside meter setting, unless otherwise noted on the plans or in the Specifications.
- 18. All service clamps are to have stainless straps.
- 19. All D.I.P. fittings shall be in accordance with A.W.W.A. specifications C-153 Ductile Iron Compact Fittings, 3" through 12" for water and other

AS SHOWN

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