

**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 contractor's operations shall be repaired immediately at the contractor's expense.
2. All pipe elevations shown are invert elevations.
3. The contractor shall locate existing utilities well in advance of construction operations in the vicinity of utilities.
4. See standard details bound in specifications.
5. Buttress or anchor all water main fittings with concrete.
6. Clear all utilities by a minimum of 6 inches, 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 unit prices bid for excavation.
7. All water mains to have a minimum of 3.5' cover unless otherwise noted.
8. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details. Cost of strapped fire hydrants and valves to be included in the unit price bid for furnishing and installing fire hydrants.
9. Bury line elevations on fire hydrants shall be set to the elevations shown on the Plan.
10. All horizontal and vertical controls are based on the Maryland State Grid System.
11. The contractor shall notify the Baltimore Gas and Electric Company, Long Green Service Center, 592-6242, at least three work days prior to starting work on the Gas and Electric Company's Rights-of-Way.
12. The completed water mains shall be filled with water and brought to a test gradient of Elevation 780.

B.M.-CS-3	ELEV. 432.51
CROSS-CUT IN CONCRETE AT CENTER BASE OF TOWER NO. 255	
B.M.-CS-5	ELEV. 460.34
CROSS-CUT IN CONCRETE CENTER BASE OF TOWER NO. 256	

QUANTITIES	
8" WATER	2123 L.F.
6" WATER	68 L.F.
FIRE HYDRANTS	4 EA.

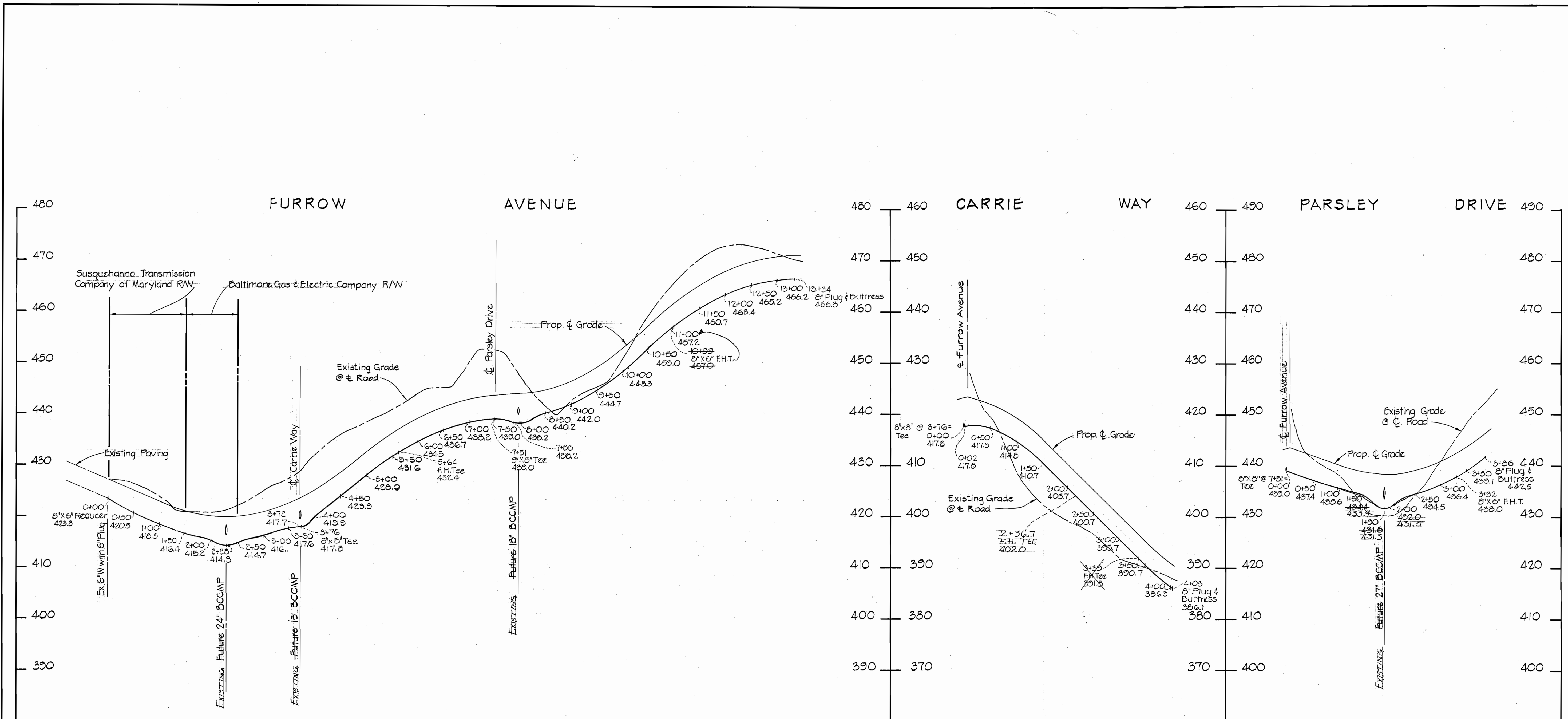


CONTRACT NO. 615-D-W  
MOUNT HEBRON SECTION 14  
WATER MAIN EXTENSION

<b>PURDUM &amp; JESCHKE</b> ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND DATE: 5-16-74 CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 615-D-W	PLAN OF WATER MAINS "MOUNT HEBRON" SECTION FOURTEEN ELECTION DISTRICT NO. 2 HOWARD COUNTY, MARYLAND	<b>DRAWING NO. 1 OF 2</b>	<b>SCALE 1"=50'</b>	Designed: AEL Drafted: AEL Checked: TAF
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WS 615 w/1

WS 615-W/2



A.C.P. CLASS 150 (J.M.)  
 C.I. FITTINGS (MECH.)  
 6" C.I. FIRE HYDRANT LEADS

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PROFILE  
 HOR.: 1"=100'  
 VERT.: 1"=10'



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