

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications & with Road Construction Plan F.82-113; Drawing 3, Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL Somes M. Vely 5-28-82

SIGNATURE

1.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

ARPROVED:

Howard S.C.D.

5.28.82 DATE

DATE

DEPARTMENT OF PUBLIC WORKS

James M. I rvin dyles Maryland & Rey 6/182 CHIEF, BUREAU OF CTILITIES-DATE CHIEF, LAND DEVELOPMENT - DATE

CLARK . FINEFROCK & SACKETT

ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE . SILVER SPRING, MARYLAND . (301) 593-3400

CONTRACT NO. 24-1058 D W&S MURRAY HILL COUNTY . MARYLAND HOWARD DEPARTMENT PUBLIC WORKS



Type of Buildings Town House	•
Type of Buildings Town House  Number of Lots 76	
Number of Water House Connections	76
Number of Sewer House Connections	76
Drainage Area Little Patuxent	

## GENERAL NOTES

- 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 Inspector, at the contractor's expense.
- 2. All horizontal controls are based on Maryland State Coordinates.

3. All vertical controls are based on U.S.G.S. Datum.

4. All pipe elevations shown are invert elevations.

- 5. Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill. 6. For details not shown on the drawings use Howard County Standard Details.
- 7. For materials and construction methods use Howard County Standard Specifications.
- 8. Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
- 9. Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.

State Highway Administration - 531-5533 Baltimore Gas & Electric Company - Underground Electric Distribution Customer Service - 685-0123 Baltimore Gas & Electric Company - Underground Gas Distribution Customer Service - 685-0123

Engineering - Damage Control - 234-5621
"Miss Utility" - 1-559-0100 Chesapeake & Potomac (C&P) Telephone Company - 725-9976 American Telephone and Telegraph - Cable Location Division - 393-3553 Colonial Pipeline Company - 781-4641

Bureau of Utilities Howard County - 992-2366 10. Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.

- 11. Contractor shall remove trees, stumps, and roots along line of excavation as directed by the Inspector Payment for such removal shall be included in the unit price bid for excavation and backfill.
- 12. Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
- 13. All water mains to be C.I.P. or D.I.P. unless otherwise noted.
- 14. Top of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
- 15. Valves adjacent to tees shall be strapped to tees.
- 16. Block all fittings with concrete.
- 17. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Section 5-15 of the Standard Specifications.
- 18. All water house connections shall be for an inside meter setting. 19. The contractor shall not operate any water main valves on the existing system.
- 20. All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C. or A.C.P. Class 2400 unless otherwise
- 21. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manholé wall.
- 22. All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- 23. Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10.
- 24. Existing connections that are to be abandoned are marked thus: (A). See special provisions for requirements for abandonment and for utilizing existing connections.
- 25 Sewer House Connections that are to be shortened are marked thus: (S). Remove existing pipe within proposed lot.

QUANTITIES			
ITEM	810	AS-BUILT	MATERIALS/SUPPLIER
6"W	724	719	DI.P. / GRIFFIN
8"S	893	852	V.C.P. /SUPERIOR
F.H.	1	1	M¢H

MURRAY HILL SECTION I LOTS 87 THRU 162 RESUBDIVISION OF LOTS | THRU 38

CONTRACT NO. 24-1058-D

TITLE SHEET

MURRAY HILL SECTION ONE 6TH ELECTION DISTRICT DRAWING SCALE NO. \_L\_ As Shown OF \_2\_

AS-BUILT OCT. 27, 1982

1058/R WS





