



VICINITY MAP
SCALE: 1" = 600'

GENERAL NOTES

- 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. (Also see note 23.)
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. Datum.
- All pipe elevations shown are invert elevations.
- 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.
- For details not shown on the drawings use Howard County Standard Details.
- For materials and construction methods use Howard County Standard Specifications.
- 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.
- 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 - 725-2976
 - American Telephone and Telegraph - Cable Location Division - 393-3553
 - Colonial Pipeline Company - 781-4641
 - Bureau of Utilities Howard County - 992-2360
- 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.
- 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.
- 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.
- All water mains to be C.I.P. or D.I.P. unless otherwise noted.
- Top of all water mains to have a minimum of 3'-1/2' cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- Block all fittings with concrete except as shown on water profile.
- 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 9611 around the fire hydrant to be compacted in accordance with Section 5-15 of the Standard Specifications.
- All water house connections shall be for an inside meter setting.
- The contractor shall not operate any water main valves on the existing system.
- All sewer mains shall be C.S.P.X., V.C.P.X., or A.C.P. Class 2400 unless otherwise noted.
- The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- Inverts for the existing 12" W.H.C., Electric cable and Telephone conduits were unattainable from records. Test pits shall be hand dug and the exact elevations of the utilities determined before any construction may proceed. If a conflict does arise with the proposed construction notify this office. Any damage to a utility shall be repaired immediately to the satisfaction of the utility's owner, at the contractor's expense.

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications and Site Development Plan SDP-81-81C.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

James M. Kelly 3-6-81
SIGNATURE DATE

U.S. SOIL CONSERVATION SERVICE

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

APPROVED:

William J. Rowe 3-6-81
HOWARD S.C.D. DATE

SEWER PROFILE SCALE
HOR: 1" = 100'
VERT: 1" = 10'

QUANTITIES			
ITEM	ESTM'D	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	359	363 ±	LOGAN CLAY AIP
8" Water	64	67 ±	D.I.P. ATLANTIC STATES AIP
12" x 8" T.S. F.V.	1	1	MUELLER AIP
8" WATER V.	1	1	MUELLER AIP
10" SLEEVE(S)	1	1	ROCKWELL - FULL CIRCLE CLAMP AIP

Type of Building: Office
 Number of Lots: 1
 Number of W.H.C.: 1
 Number of S.H.C.: 1
 Drainage Area: Little Patuxent

- SUPPLEMENTAL NOTES
- Strap vertical bend to 0+06 to T.S. & V. and to next joint upstation.
 - Insulation band shall be provided from T.S. & V. to station 0+33.
 - Once connection is operational, the tapping sleeve valve is to stay open and shall not have a valve box. Valve at 0+26 shall have a valve box and be the operational valve.
 - Electric Cable and Telephone conduit shall be test pitted in accordance with general note # 23.

W. N. Cook
3-2-81

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Wm. F. Newman 3-13-81 *Wm. E. Ryan* 3/13/81
 DIRECTOR OF PUBLIC WORKS DATE CHIEF, BUREAU OF ENGINEERING DATE
R. J. M. Bennett 3/13/81 *Michelle J. Price* 3-12-81
 CHIEF, BUREAU OF UTILITIES DATE CHIEF, LAND DEVELOPMENT DATE

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND • (301) 593-3400

CONTRACT NO. 20-0965 D

PLAN & PROFILES OF SEWER MAINS

COLUMBIA TOWN CENTER 2/1 LOT 9
 5th ELECTION DISTRICT-CLARKSVILLE

DRAWING NO.	SCALE
OF 1	As Shown

AS BUILT OCT. 8, 1982