



VICINITY MAP  
SCALE: 1" = 600'

**GENERAL NOTES**

- APPROXIMATE LOCATION OF EXISTING UTILITIES 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.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
- FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6", CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL, AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.  
BALTIMORE GAS AND ELECTRIC - UNDERGROUND ELECTRIC - (234-5691).  
C & P TELEPHONE CO. - (725-9976).  
BALTIMORE GAS AND ELECTRIC - UNDERGROUND GAS - (559-0100).  
MISS UTILITY - (800-441-8355)
- ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
- ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X. OR A.C.P. CLASS 2400, UNLESS OTHERWISE NOTED.
- BUTTRISS OR ANCHOR ALL WATER MAIN FITTINGS WITH CONCRETE. ALL VALVES SHALL BE STRAPPED TO TEES IN ACCORDANCE WITH STANDARD DETAILS.
- ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.

QUANTITIES			
ITEM	EST'D	AS-BUILT	SUPPLIER
8" SEWER	351 L.F.	377 L.F.	Johns-Manville
6" SEWER	65 L.F.	62 L.F.	D.P. Tylon Jts.
MANHOLES	32 V.F.	50 V.F.	Johns-Manville
6" WATER	185 L.F.	191 L.F.	Johns-Manville

CONTRACT NO. 2832-D-W&S  
COLUMBIA AUTO PARK  
SECTION 1, AREA 1  
PARCELS L-2 AND L-3  
WATER & SEWER EXTENSION

**FISHER, COLLINS AND CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
1-26-79  
DIRECTOR OF PUBLIC WORKS DATE CHIEF BUREAU OF ENGINEERING DATE

CONTRACT NO. 2832-D-W&S

**PLAN & PROFILE**  
**WATER & SEWER MAINS**

**COLUMBIA**  
**COLUMBIA AUTO PARK**  
**ELECTION DISTRICT GUILFORD NO. 6**

**DRAWING**  
NO. 1  
OF 1  
**SCALE**  
AS SHOWN  
DESIGNED: T.A.F.  
DRAFTED: D.B.S.  
CHECKED: T.A.F.