



VICINITY MAP
Scale: 1" = 600'

GENERAL NOTES

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
2. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
3. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
4. FOR ALL STANDARD DETAILS, SEE STANDARDS BOUND IN SPECIFICATIONS.
5. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
7. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
8. ALL WATER MAINS TO HAVE A MIN. OF 3'-1/2' COVER UNLESS OTHERWISE NOTED.
9. BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
10. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
11. GROUND TO BE ROUGH GRADED BEFORE CONSTRUCTION OF MANHOLES IN CUT AND FILL AREAS.
12. ALL FIRE HYDRANTS SHALL BE STRAPPED TO TEES AND SHALL BE BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
13. CLEAR ALL UTILITIES BY A MINIMUM OF 6 INCHES.
14. ALL SEWERS SHALL BE V.C.P.X., C.S.P.X. OR A.C.P. CLASS 2400, UNLESS OTHERWISE NOTED.
15. WHERE SEWER SERVICE CONNECTIONS ENTER MANHOLES, INVERTS SHALL BE CHANNELIZED TO ACCOMMODATE FLOW.
16. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
17. 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.
18. CONTRACTOR SHALL REMOVE TREES, STUMPS, AND ROOTS ALONG LINE OF EXCAVATION AS DIRECTED BY ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EXCAVATION AND BACKFILL FOR WATER AND SEWER MAINS.
19. 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.
20. ALL WATER MAINS TO BE C.I.P., D.I.P., AND A.C.P. UNLESS OTHERWISE NOTED.
21. SOIL AROUND FIRE HYDRANTS TO BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STANDARD SPECIFICATIONS.
22. CONTRACTOR SHOULD NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

CHESAPEAKE AND POTOMAC TELEPHONE CO.	: 725-9976
BALTIMORE GAS AND ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION ENGR. - "LAMAGE CONTROL"	: 234-5691
BALTIMORE GAS AND ELECTRIC COMPANY - UNDERGROUND GAS DISTRIBUTION ENGR.	: 558-0100
BELL TELEPHONE SYSTEM	: 393-3849
LONG DISTANCE CABLE DIVISION	: 393-3563

ITEM	QUANTITY		SUPPLIER
	BID	AS BUILT	
8" Sewer	440 LF	424 LF	J.M. d. 2400 Type II
8" Water	625 LF	620 LF	U.S. Pipe, d. 59, D.I.P.
6" Water	30 LF	30 LF	U.S. Pipe, d. 59, D.I.P.
Fire Hydrants	2	2	A.P. Smith

Columbia Equestrian Center Section I Contract No. 2791-D-W&S

6-22-78
DATE

ENGINEER REG. No. 19566

BM*LN-2 Elev. 424.755
R.R. Spike in root of 8" Oak 340'± South-east of Red Branch Road & Sta. 28+85

BM*R-18 Elev. 407.89
R.R. Spike in root of 30" Maple 270'± North of Red Branch Road & Sta. 14+35

NO.	DATE	REVISION
1	7/1/79	REVISION TO PLAN & PROFILE FOR ELEV. & 6" W
2		

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Director of Public Works: *John F. Nalley* 2/28/79
Chief - Bureau of Engineering: *W.D. Lambert* 2-28-79

CONTRACT NO. 2791-D-W&S

PLAN AND PROFILES OF WATER AND SEWER MAINS

COLUMBIA
EQUESTRIAN CENTER SECTION I
ELECTION DISTRICT - ELLICOTT CITY NO.2

DRAWING NO. 1 OF 1 SCALE AS SHOWN