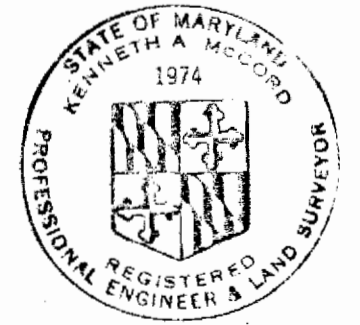


Waste Water Disposal: Savage
 Types of buildings: Single family
 No. of S.H.C.: 7
 No. of W.H.C.: 2

WATER & SEWER CODE
 County Use:
 Water: JOE
 Sewer: 5841600

CONTRACT NO. 2872D-W&S
BURLEIGH MANOR
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
6" Sewer	910 L.F.	300	BELAIR ROAD SUPPLY
Manholes	3 EA.	3 EA.	ATLANTIC PRECAST
8" Water	630 L.F.	633	A+P W/S
6" Water	15 L.F.	10	A+P W/S
8" Valves	2	2	MUNICIPAL & CONTRACTOR
6" V (Excluding EHV)	0		
fire Hydrants	1	1 EA.	MUNICIPAL & CONTRACTOR



Kenneth A. McCord
 Burleigh Manor
 Section 4, Area 3
 Contract No. 2872D-W/S

4/30/84 Changed Quantities & Deleted Rope Maker Drive
 No. Date Revision

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James J. Grogan 10/19/79
 CHIEF-BUREAU OF UTILITIES—DATE
W. O. Sill 10-27-79
 CHIEF-BUREAU OF ENGINEERING—DATE
WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Henry F. Nemmer
 DIRECTOR OF PUBLIC WORKS
 10-27-79
 DATE

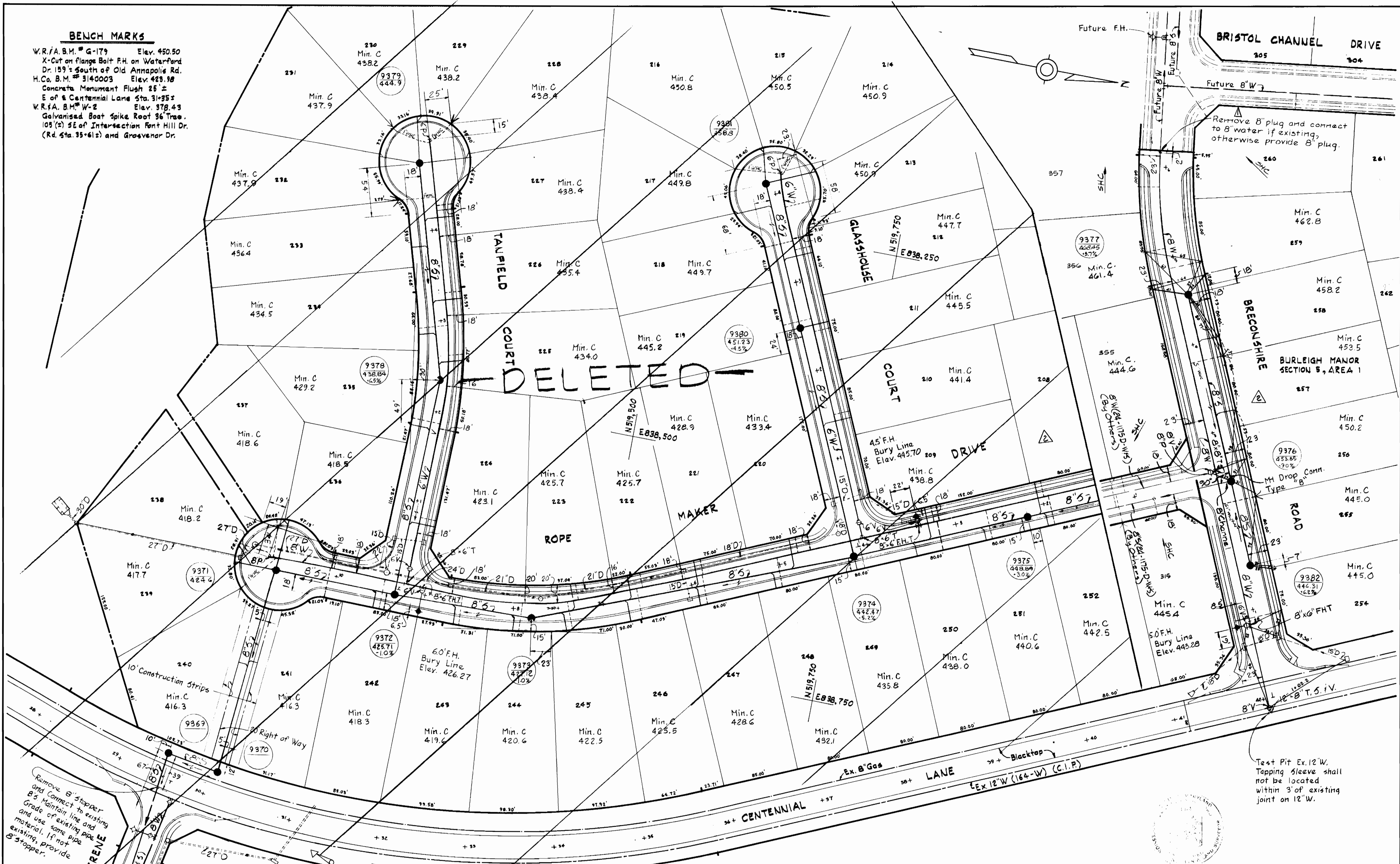
CONTRACT NO. 2872D-W&S
 LOCATION MAP OF
 WATER & SEWER MAINS

BURLEIGH MANOR
 ELECTION DISTRICT
 ELLICOTT CITY NO. 2

DRAWING NO. 1 OF 3
 SCALE 1"=600'

BENCH MARKS

V.R.F.A. B.M. # G-179 Elev. 450.50
 X-Cut on flange Bolt F.H. on Waterford Dr. 159' South of Old Annapolis Rd.
 H.Co. B.M. # 3140003 Elev. 429.98
 Concrete Monument Flugh 25' ±
 E of Centennial Lane Sta. 31+35.5
 V.R.F.A. B.M. # W-2 Elev. 378.43
 Galvanized Boat Spike Root 3/8" Tree.
 05' (±) SE of Intersection Font Hill Dr.
 (Rd. Sta. 35+61.2) and Grosvenor Dr.



Remove 8" stopper and connect to existing 8" Maintain line and grade of existing and use same pipe material. If not existing, provide 8" stopper.

Test Pit Ex. 12" W. Tapping sleeve shall not be located within 3' of existing joint on 12" W.

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 George F. Newman 10-24-79
 DIRECTOR OF PUBLIC WORKS - DATE
 W.O. Piller 10-24-79
 CHIEF-BUREAU OF ENGINEERING - DATE
 James J. Glavin 10/19/79
 CHIEF-BUREAU OF UTILITIES - DATE

CONTRACT NO. 2872D-W8S

2	4/30/84	Deleted Rope Maker Drive & Change Breconshire Road
1	11/21/79	Added Note
No	Date	Revision

PLAN OF
WATER & SEWER MAINS

BURLEIGH MANOR
 ELECTION DISTRICT
 ELLICOTT CITY NO. 2

DRAWING
 NO. 2
 OF 3

SCALE
 1" = 50'

GENERAL NOTES

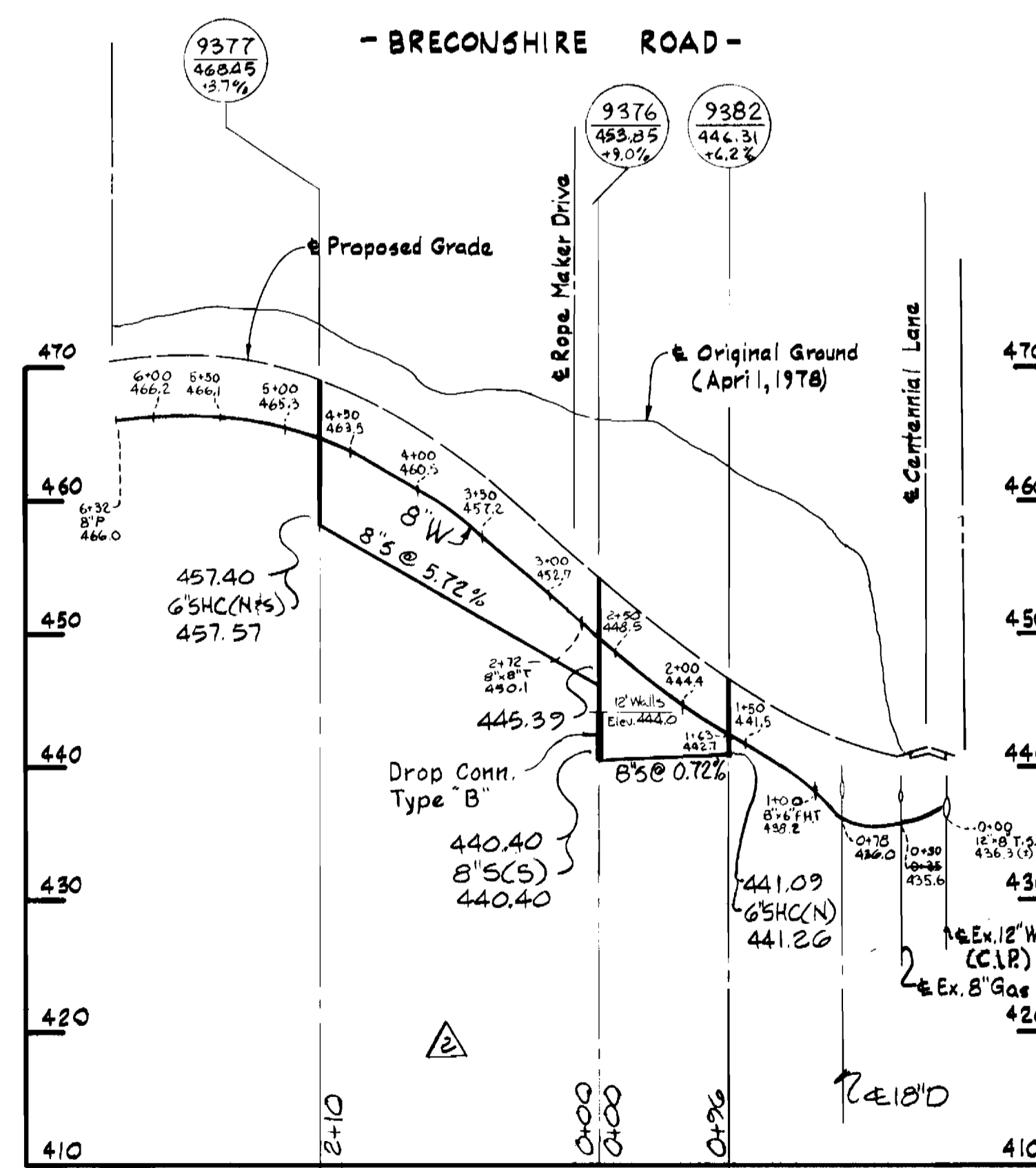
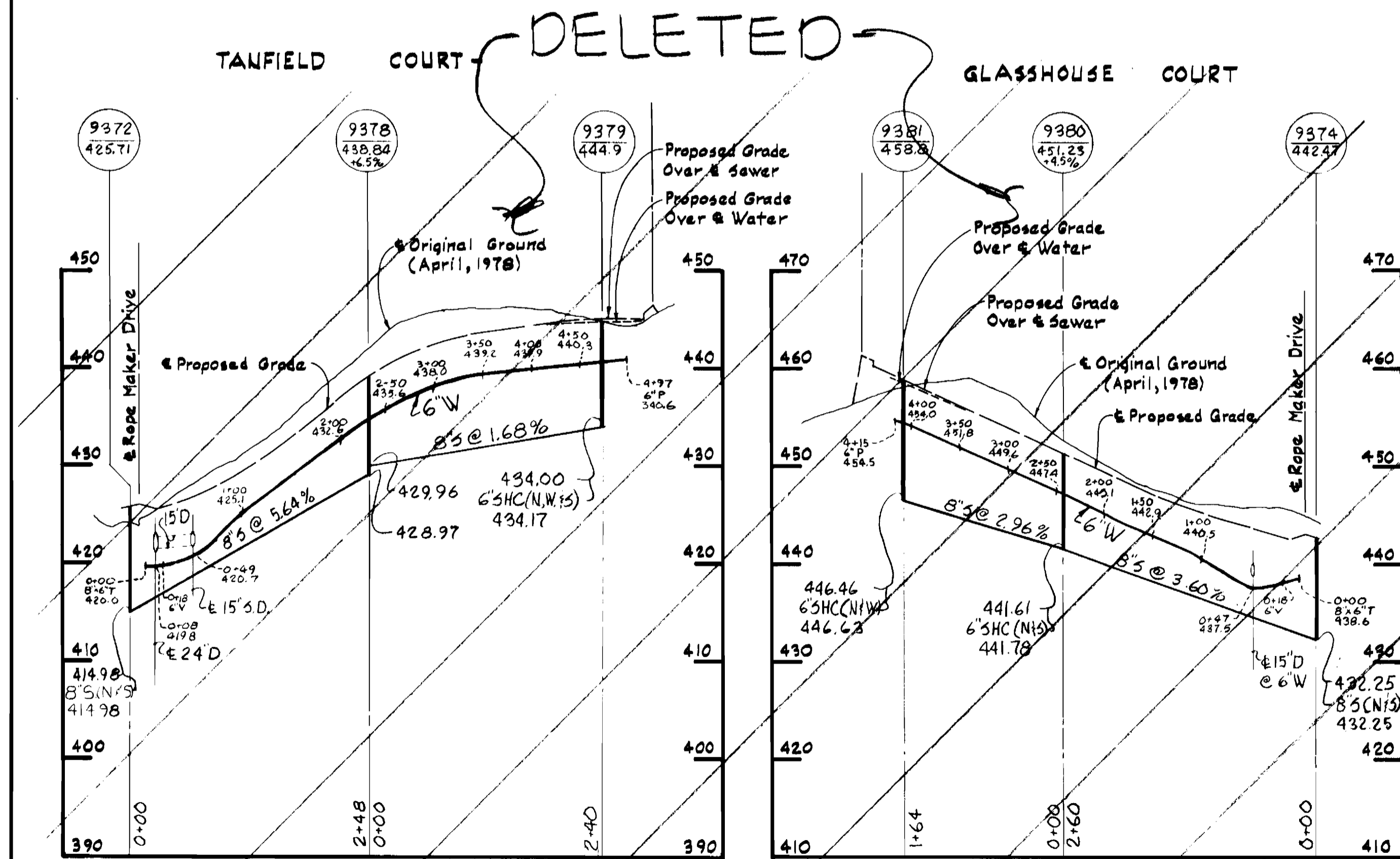
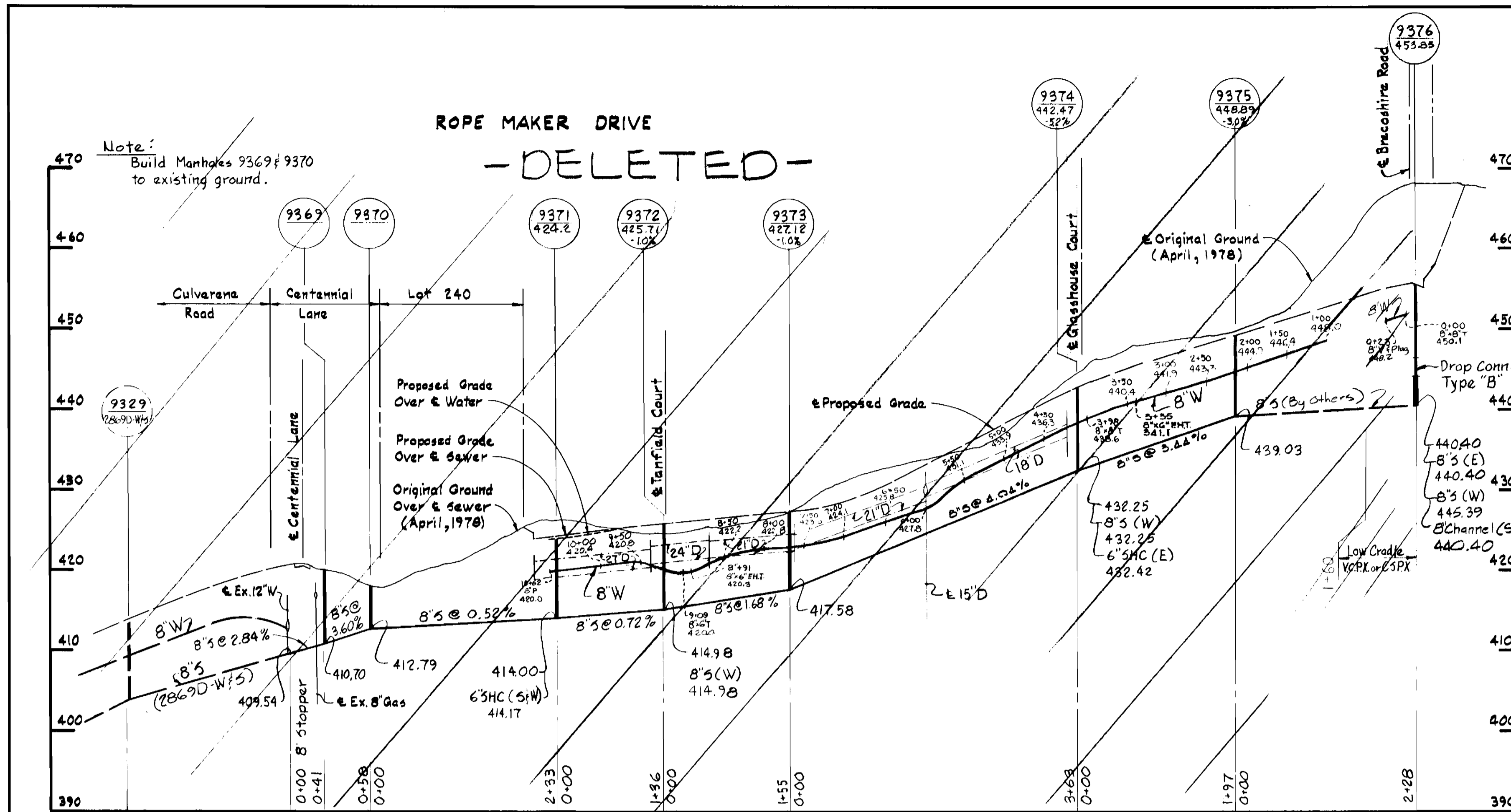
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

BALTIMORE GAS AND ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION ENGINEERING
DAMAGE CONTROL 234-5691
UNDERGROUND GAS DISTRIBUTION ENGINEERING 234-5621

CHESAPEAKE AND POTOMAC TELEPHONE COMPANY 393-3648.

MISS UTILITY - 1 - 559-0100

- FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
- ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6".
- BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
- ALL WATER MAINS SHALL HAVE A MINIMUM OF 3 1/2' COVER.
- ALL WATER MAINS SHALL BE 12" OR D.I.P. UNLESS OTHERWISE NOTED.
- ALL VALVES SHALL BE STRAPPED TO TEES WHERE APPLICABLE IN ACCORDANCE WITH THE STANDARD DETAILS.
- ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE HYDRANTS SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STANDARD SPECIFICATIONS.
- PAYMENT FOR STRAPPING FIRE HYDRANTS AND VALVES WILL BE INCLUDED IN UNIT PRICE BID FOR FURNISHING AND LAYING WATER MAINS.
- BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATION SHOWN ON THE DRAWINGS.
- ALL W.H.C.'S SHALL BE 3/4" DIAMETER UNLESS OTHERWISE NOTED.
- WATER SERVICES SHALL BE FOR INSIDE METER SETTINGS.
- ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X., OR A.C.P. CLASS 2400 OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- MANHOLES SHOWN WITH 12" WALLS ARE FOR BRICK MANHOLES ONLY.



Kenneth A. M. Lark

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Henry F. Newman</i> 10-24-79 DIRECTOR OF PUBLIC WORKS - DATE <i>W. O. Lark</i> 10-24-79 CHIEF - BUREAU OF ENGINEERING - DATE <i>James L. Ellis</i> 10/24/79 CHIEF - BUREAU OF UTILITIES - DATE	CONTRACT NO. 2872D-W85	PROFILES OF WATER & SEWER MAINS	4.4.84 No. Date	Changed Profiles	Burleigh Manor Section 4, Area 3 Contract No. 2872D-W13	DRAWING NO. <u>3</u> OF <u>3</u>	SCALE H: 1"=100' V: 1"=10'