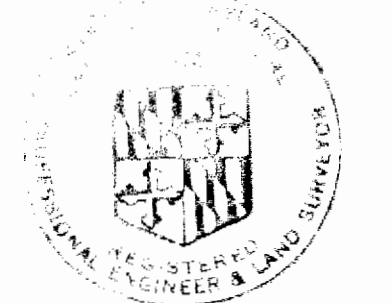


Waste Water Disposal: Savage
 Types of Buildings: Single Family
 No. of S.H.C.: 45
 No. of W.H.C.: 46

WATER & SEWER CODE
 County Use
 Water: J01
 Sewer: 5841600

CONTRACT NO. 2843D-W&S
BURLEIGH MANOR
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	2,430 LF	2,397 LF	ACP-JOHN MANSVILLE
Manholes	120 V.F.	116.3 V.F.	ATLANTIC PRECAST
8" Water	2,460 L.F.	2,462 L.F.	DIP-TYTON JOINT
6" Water	40 L.F.	36 L.F.	DIP-TYTON JOINT
Fire Hydrants	4	4 EA.	M.H.-DRESSER CORP.



Herbert M. ...

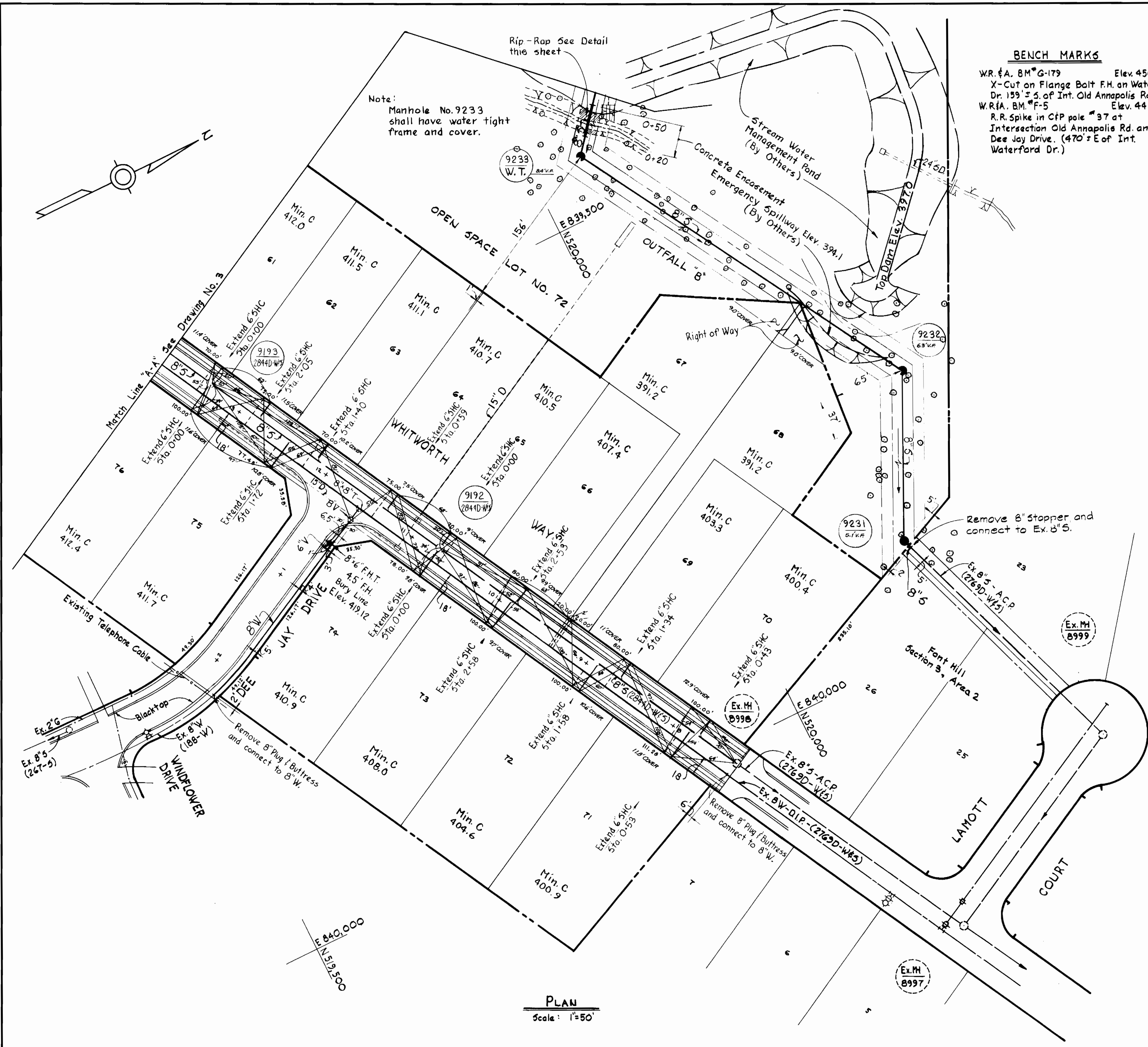
Burleigh Manor
 Section 1, Area 1
 Contract No. 2843D-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Herbert M. ...</i> DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2843D-W&S	LOCATION MAP OF WATER & SEWER MAINS	BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO.2	DRAWING NO. <u>1</u> OF <u>4</u>	SCALE 1" = 600'
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W. O. 7280-2E

JUNE 5, 1979

AS-BUILT NOV. 1, 1979

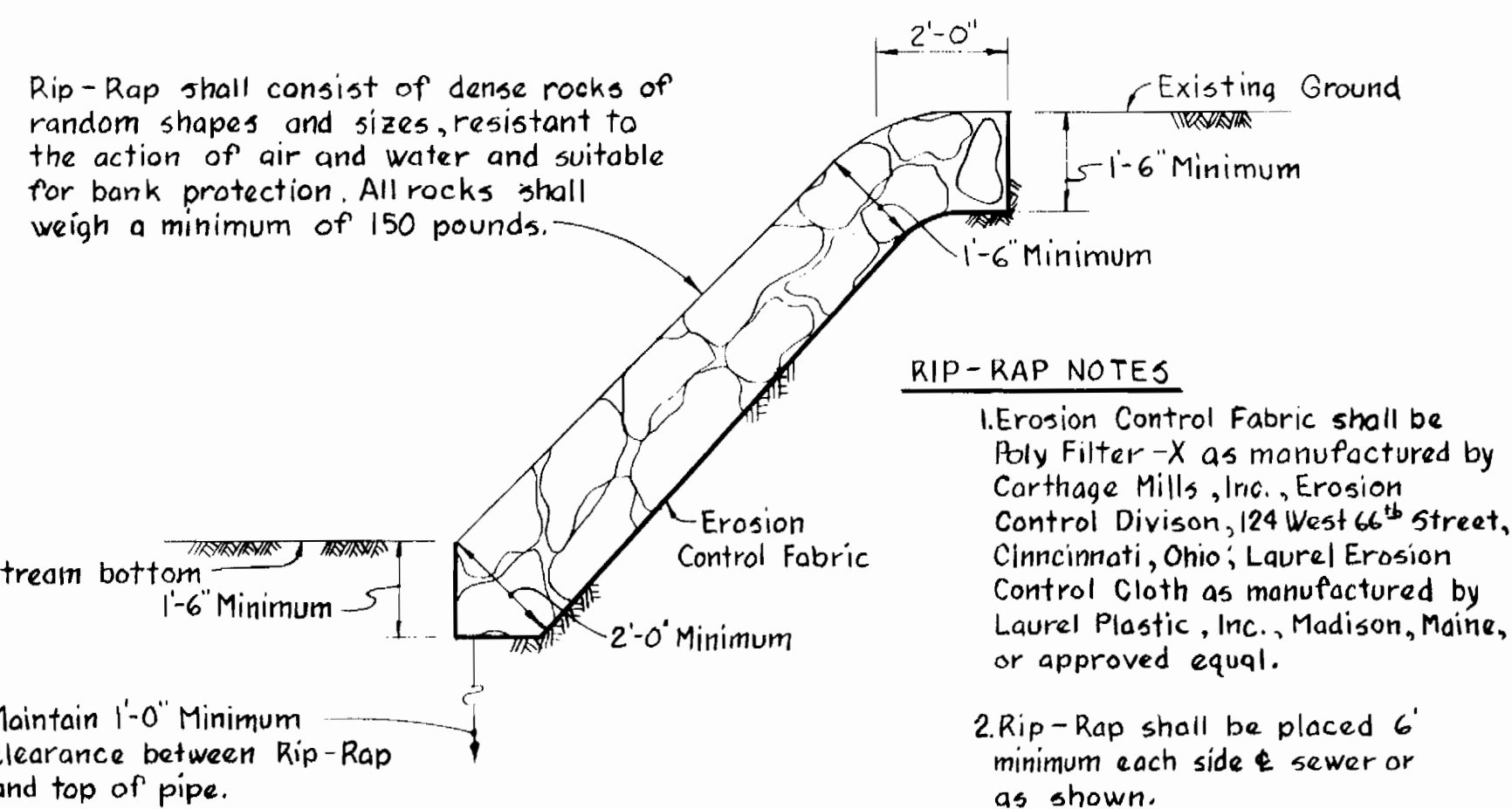


GENERAL NOTES

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.
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. 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
5. FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
7. CLEAR ALL UTILITIES BY A MINIMUM OF 6".
8. BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
9. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3 1/2' COVER.
10. ALL WATER MAINS SHALL BE C.I.P., D.I.P. OR A.C.P. UNLESS OTHERWISE NOTED.
11. ALL VALVES SHALL BE STRAPPED TO TEES WHERE APPLICABLE IN ACCORDANCE WITH THE STANDARD DETAILS.
12. 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.
13. PAYMENT FOR STRAPPING FIRE HYDRANTS AND VALVES WILL BE INCLUDED IN UNIT PRICE BID FOR FURNISHING AND LAYING WATER MAINS.
14. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATION SHOWN ON THE DRAWINGS.
15. ALL W.H.C.'S SHALL BE 3/4" DIAMETER UNLESS OTHERWISE NOTED.
16. WATER SERVICES SHALL BE FOR INSIDE METER SETTINGS.
17. ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X. OR A.C.P. CLASS 2400 UNLESS OTHERWISE NOTED.
18. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER.
19. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITH 2'-0" OF EXTERIOR MANHOLE WALLS.
20. MANHOLES SHOWN WITH 12" WALLS ARE FOR BRICK MANHOLES ONLY.
21. 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.

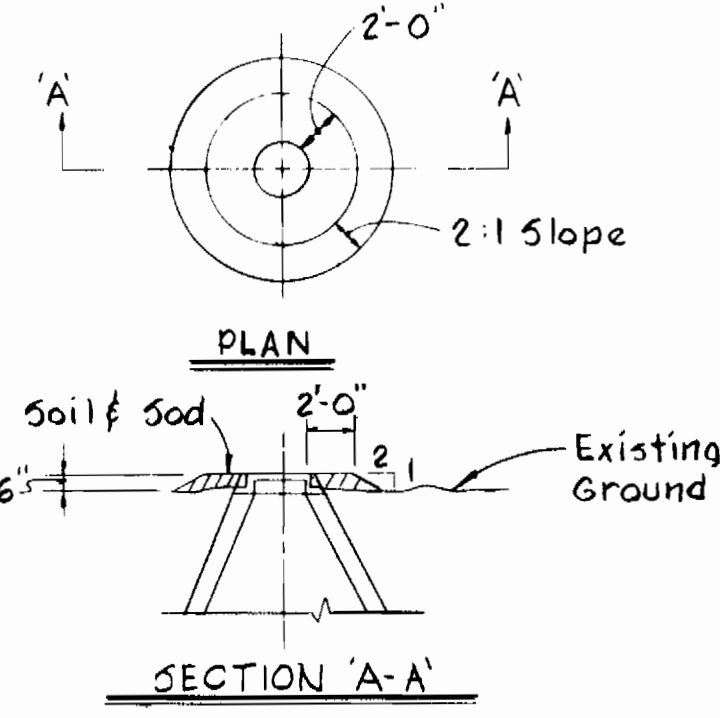
BENCH MARKS

W.R. & A. 8M⁰-179 Elev. 450.50
 X-Cut on Flange Bolt F.H. on Waterford Dr. 159' S of Int. Old Annapolis Rd.
 W.R. & A. 8M⁰-F-5 Elev. 441.63
 R.R. Spike in C/P pole #37 at Intersection Old Annapolis Rd. and Dee Jay Drive. (470' E of Int. Waterford Dr.)



RIP-RAP NOTES

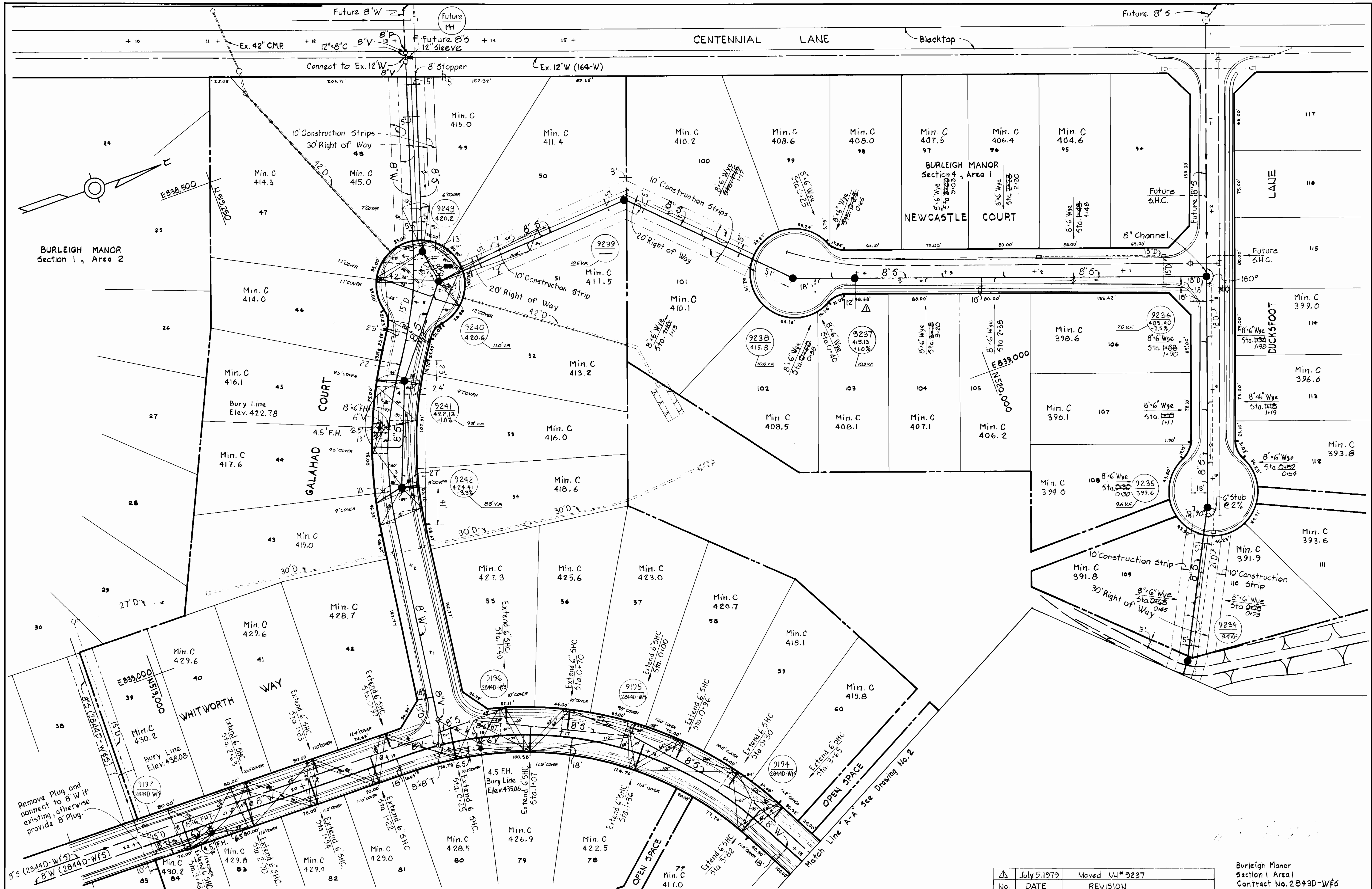
1. Erosion Control Fabric shall be Poly Filter-X as manufactured by Carthage Mills, Inc., Erosion Control Division, 124 West 66th Street, Cincinnati, Ohio; Laurel Erosion Control Cloth as manufactured by Laurel Plastic, Inc., Madison, Maine, or approved equal.
2. Rip-Rap shall be placed 6' minimum each side of sewer or as shown.



FILL AROUND MANHOLES
 9231, 9232, 9233, 9234, 9239
 Scale: 1/8" = 1'-0"

Burleigh Manor
 Section 1 Area 1
 Contract No. 2843D-Wf5

<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 6-22-79 DIRECTOR OF PUBLIC WORKS - DATE</p>	<p>CONTRACT NO. 2843D-W8S</p>	<p>PLAN OF WATER & SEWER MAINS</p>	<p>BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO. 2</p>	<p>DRAWING NO. 2 OF 4</p>	<p>SCALE AS SHOWN</p>
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WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works - DATE
 Chief-Bureau of Engineering - DATE

CONTRACT NO. 2843D-W&S

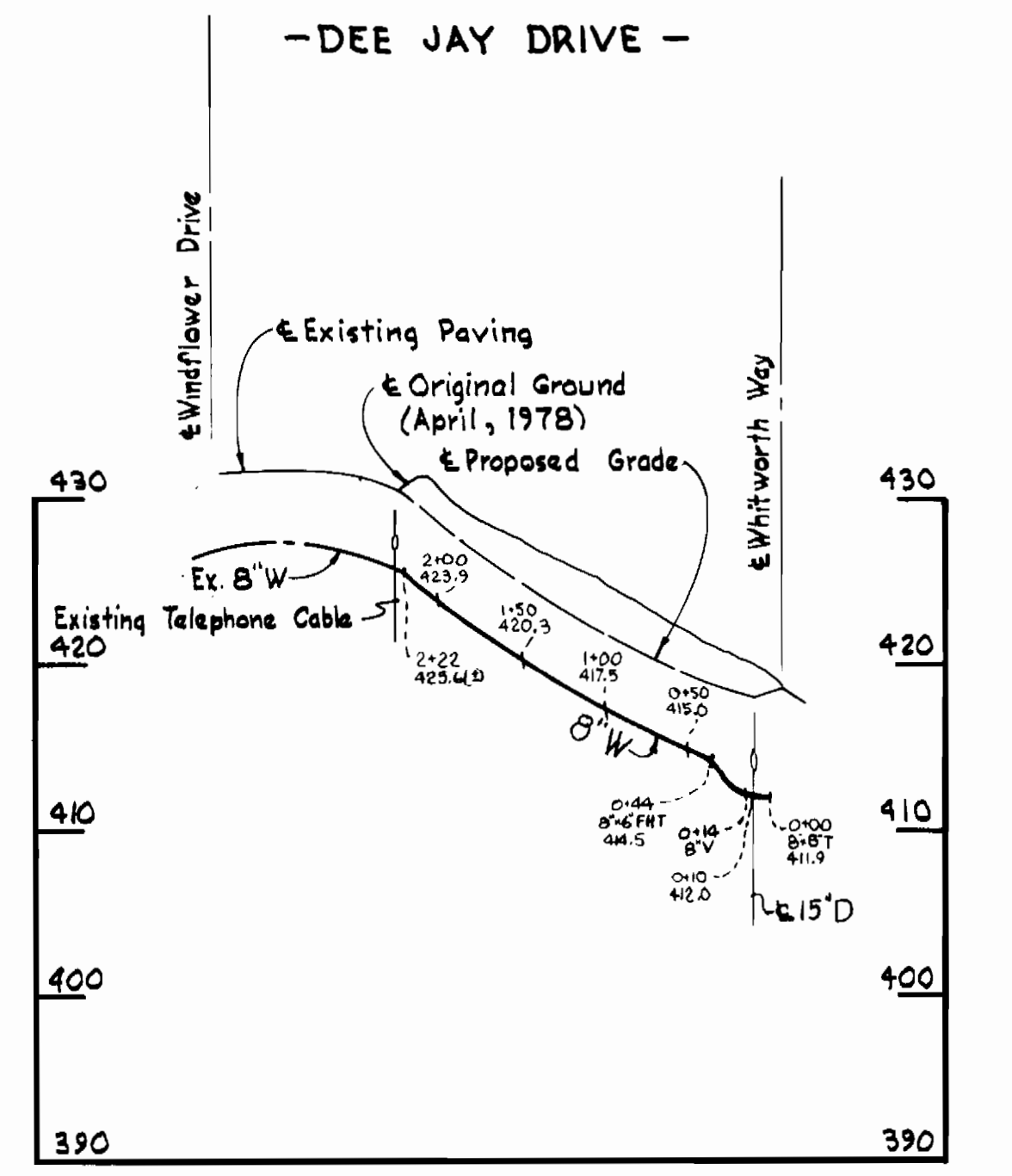
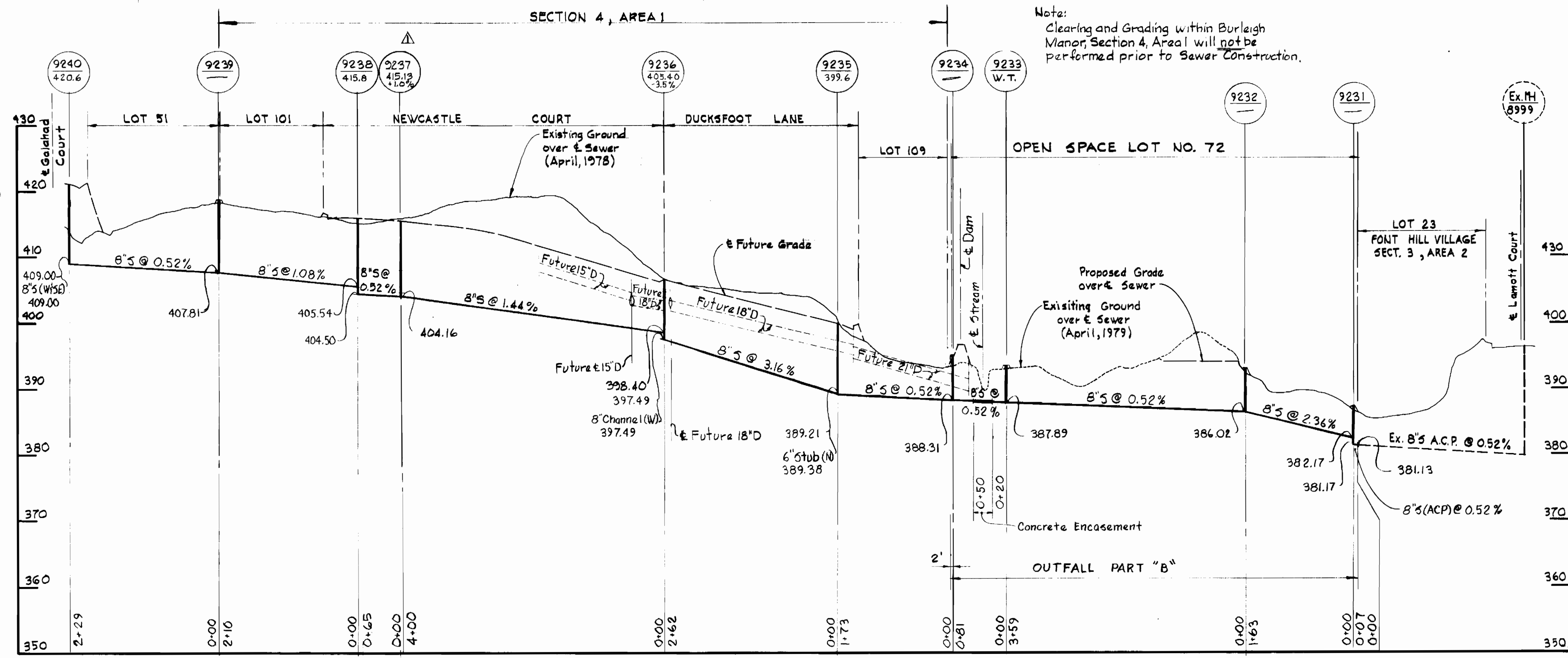
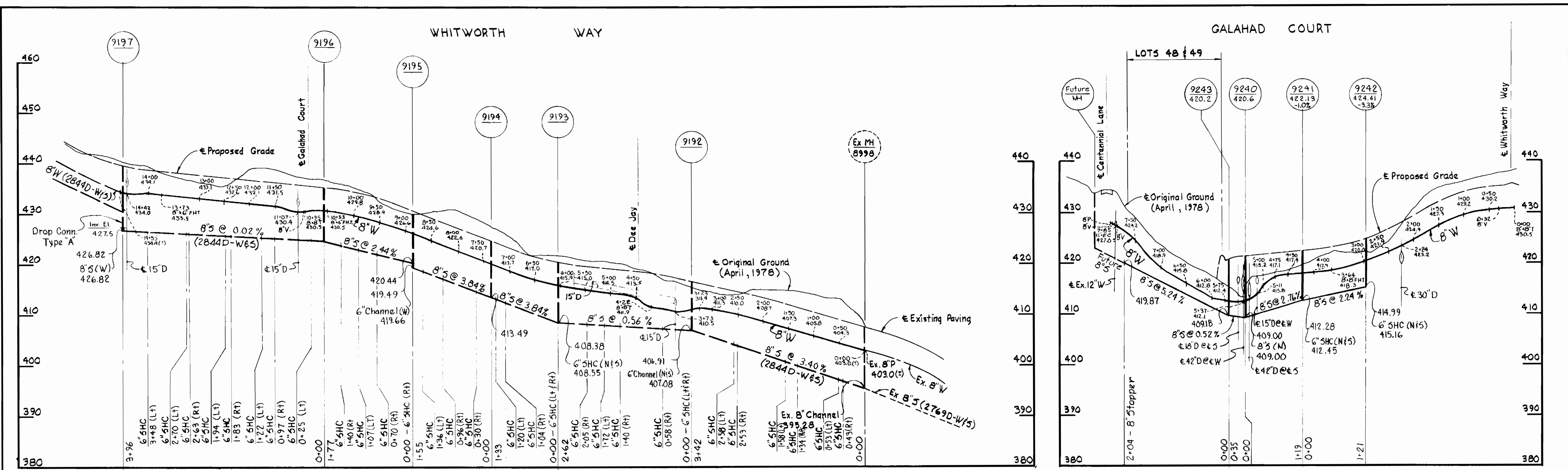
PLAN OF WATER & SEWER MAINS

BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO. 2

DRAWING NO. 3 OF 4
SCALE 1" = 50'

No.	DATE	REVISION
1	July 5, 1979	Moved MH # 9237

Burleigh Manor Section 1 Area 1 Contract No. 2843D-W&S



Note:
Clearing and Grading within Burleigh Manor, Section 4, Area 1 will not be performed prior to Sewer Construction.

July 5 1979	Moved MH #5237
No. DATE	REVISION

Burleigh Manor
Section 1, Area 1
Contract No. 2843D-W/5

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
1-22-79
DIRECTOR OF PUBLIC WORKS - DATE

CONTRACT NO. 2843D-W/5
W.O. Pickett 6-21-79
CHIEF-BUREAU OF ENGINEERING - DATE

PROFILES OF WATER & SEWER MAINS

BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO. 2

DRAWING NO. 4 OF 4
SCALE 1" = 50'