

Waste Water Disposal: Savage
 Types of Buildings: Single Family
 No. of S.H.C.: 28
 No. of W.H.C.: 24

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

CONTRACT NO. 2878D-W&S
BURLEIGH MANOR
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	2400 LF.	2409	ACP-L&P
Manholes	166 V.F.		Atlantic Precast
8" Water	1625 LF.	1626 LF.	C.I.P. Atlantic States
6" Water	460 LF.	466 LF.	C.I.P. Atlantic States
8" V	5	4	Dresser / Flow
6" V (Excluding F.H.V.)	1	2	" "
Fire Hydrants	3	3	" "

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James A. Ellis 11/28/79
 CHIEF-BUREAU OF UTILITIES—DATE

W. O. 7280-2E 11/28/79
 CHIEF-BUREAU OF ENGINEERING—DATE

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

W. O. 7280-2E
 DIRECTOR OF PUBLIC WORKS

11-29-79
 DATE

CONTRACT NO. 2878D-W&S

LOCATION MAP OF
 WATER & SEWER MAINS

4/30/84
 No. Date

Changed quantities & Deleted Mansion House Drive
 Revision

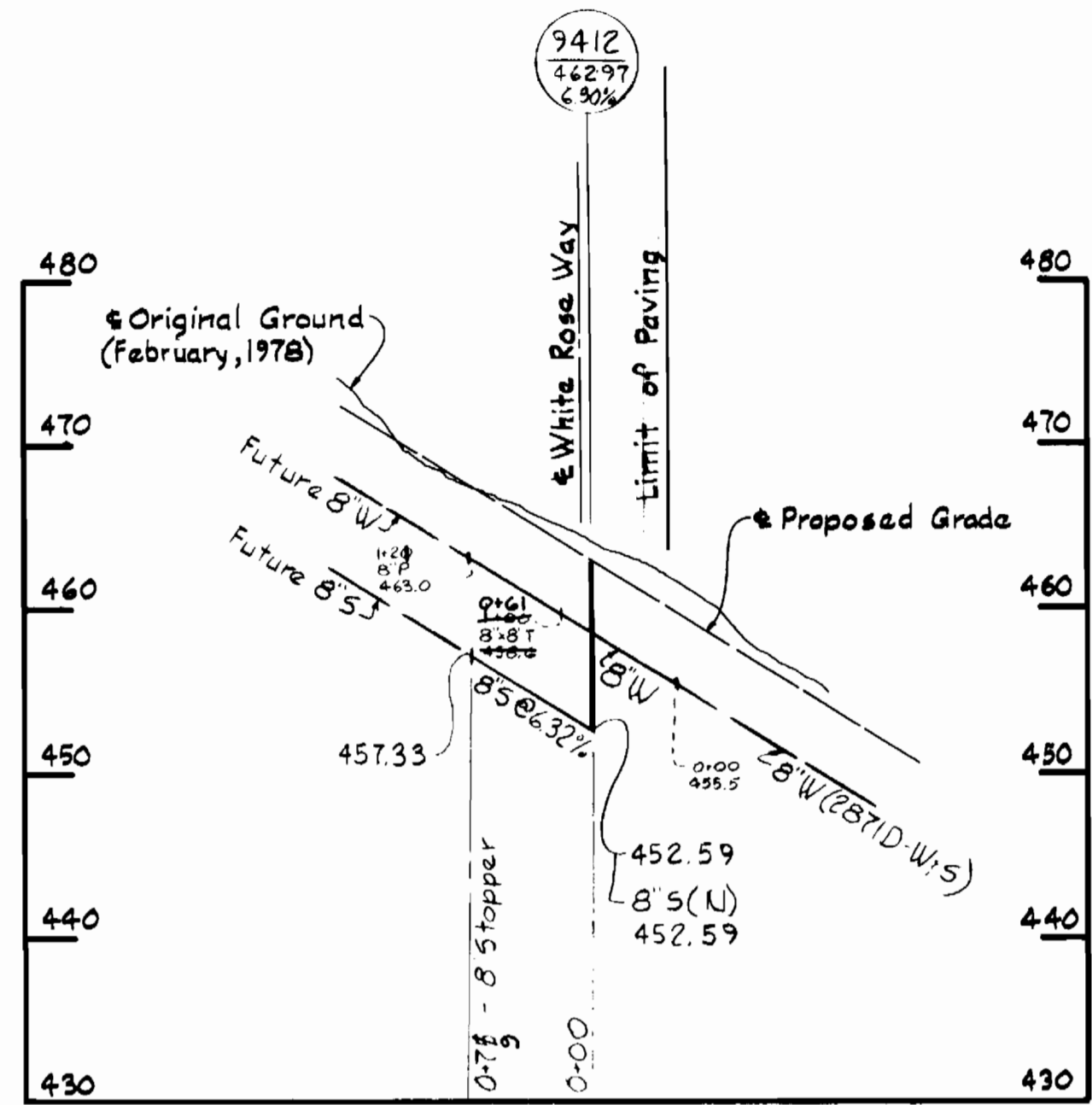
BURLEIGH MANOR
 ELECTION DISTRICT
 ELLICOTT CITY NO. 2

Burleigh Manor
 Section 4, Area 4
 Contract No. 2878D-W&S

DRAWING
 NO. 1
 OF 4

SCALE
 1" = 600'

GLASTONBURY ROAD

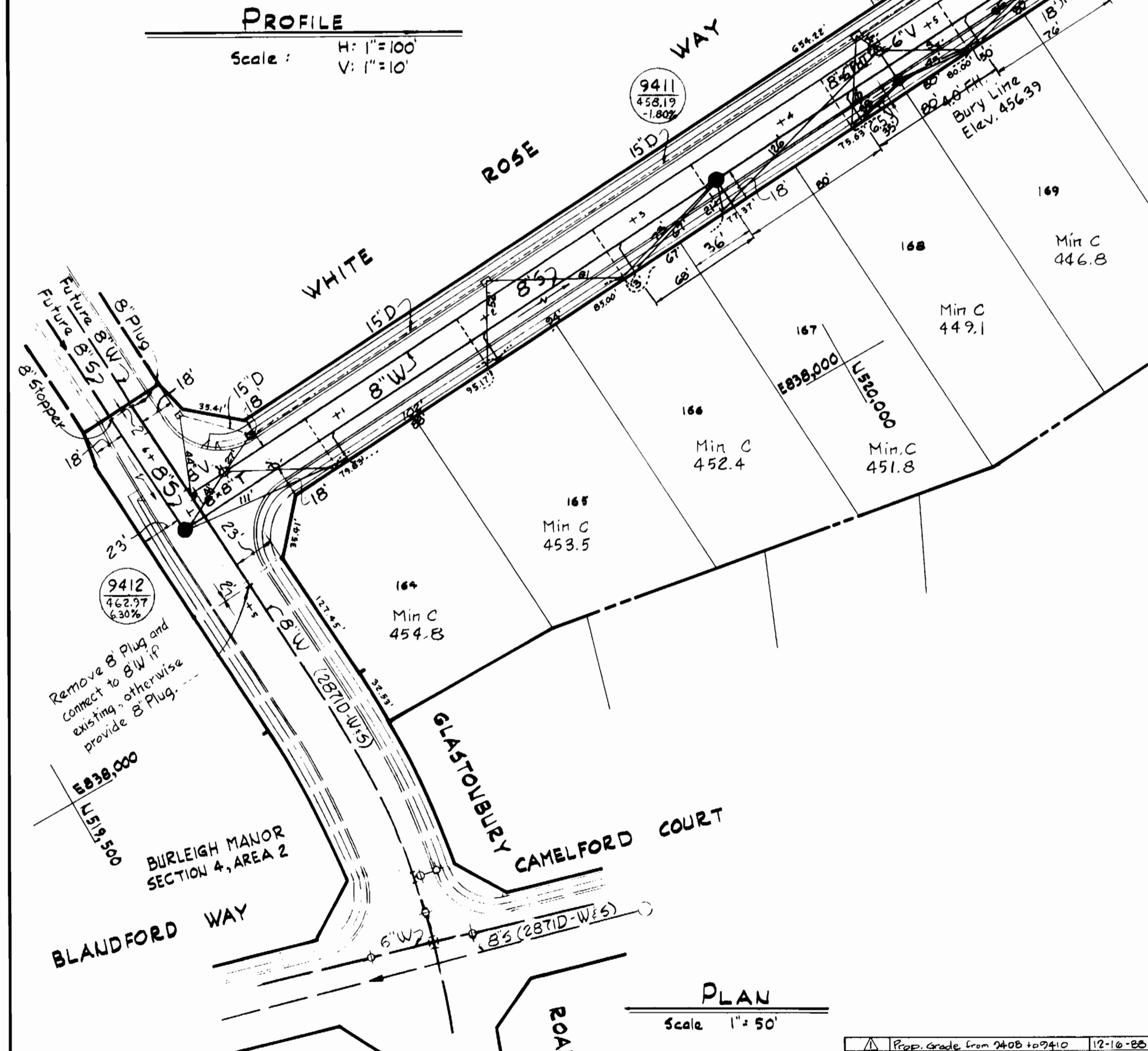


PROFILE

Scale: H: 1"=100'
V: 1"=10'

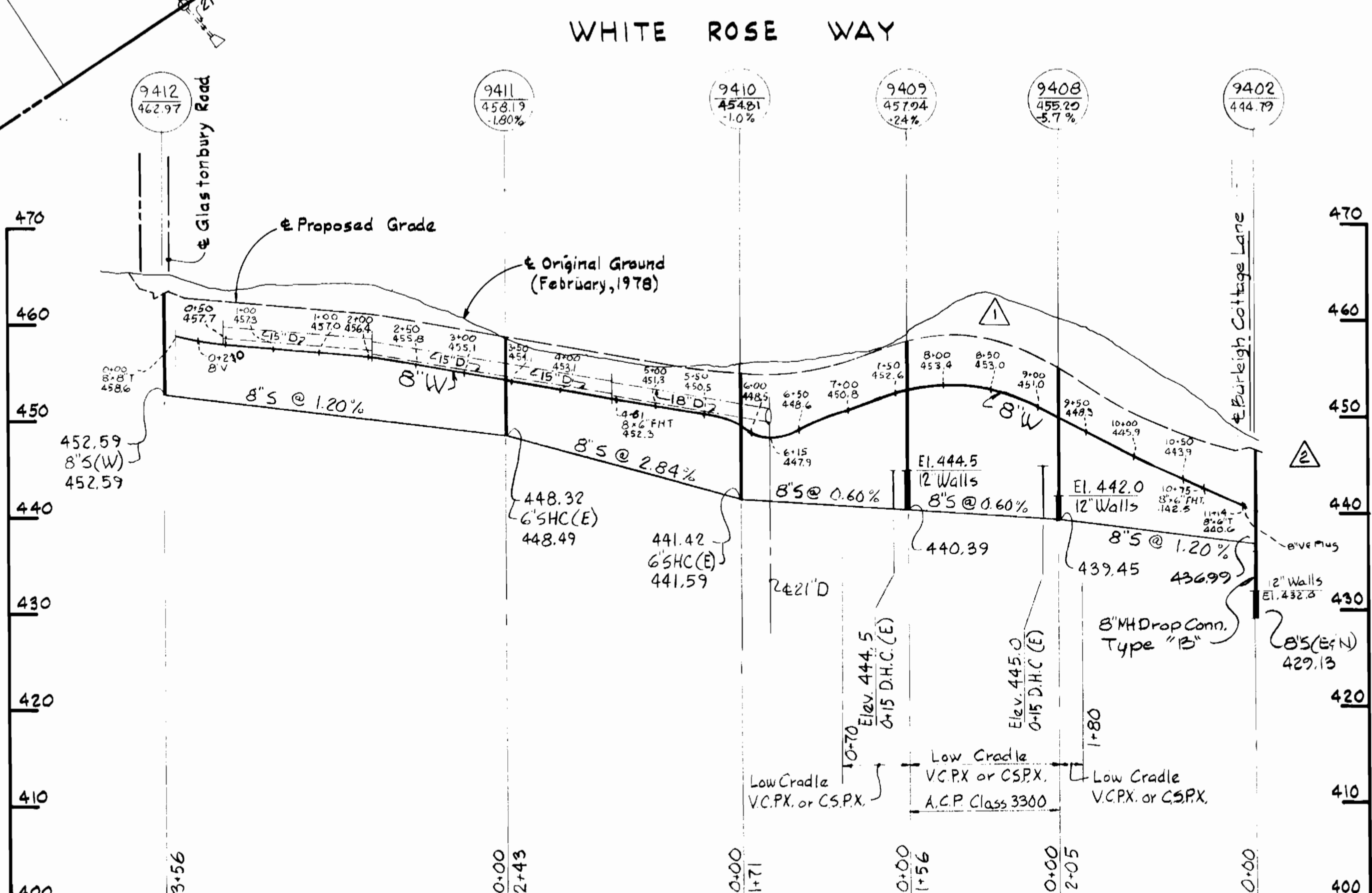
GENERAL NOTES

- 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 8" P. 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., 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.



PLAN

Scale: 1"=50'



PROFILE

Scale: H: 1"=100' V: 1"=10'

No.	Date	Revisions	Date
1	12-18-88	Prop. Grade from 2408 to 2410	12-18-88

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Director of Public Works: *James F. N...* 11-29-79
Chief-Bureau of Engineering: *W.O. Albert* 11-28-79
Chief-Bureau of Utilities: *James L. G...* 11/27/79

CONTRACT NO. 878D-W8S

PLAN AND PROFILES OF WATER & SEWER MAINS

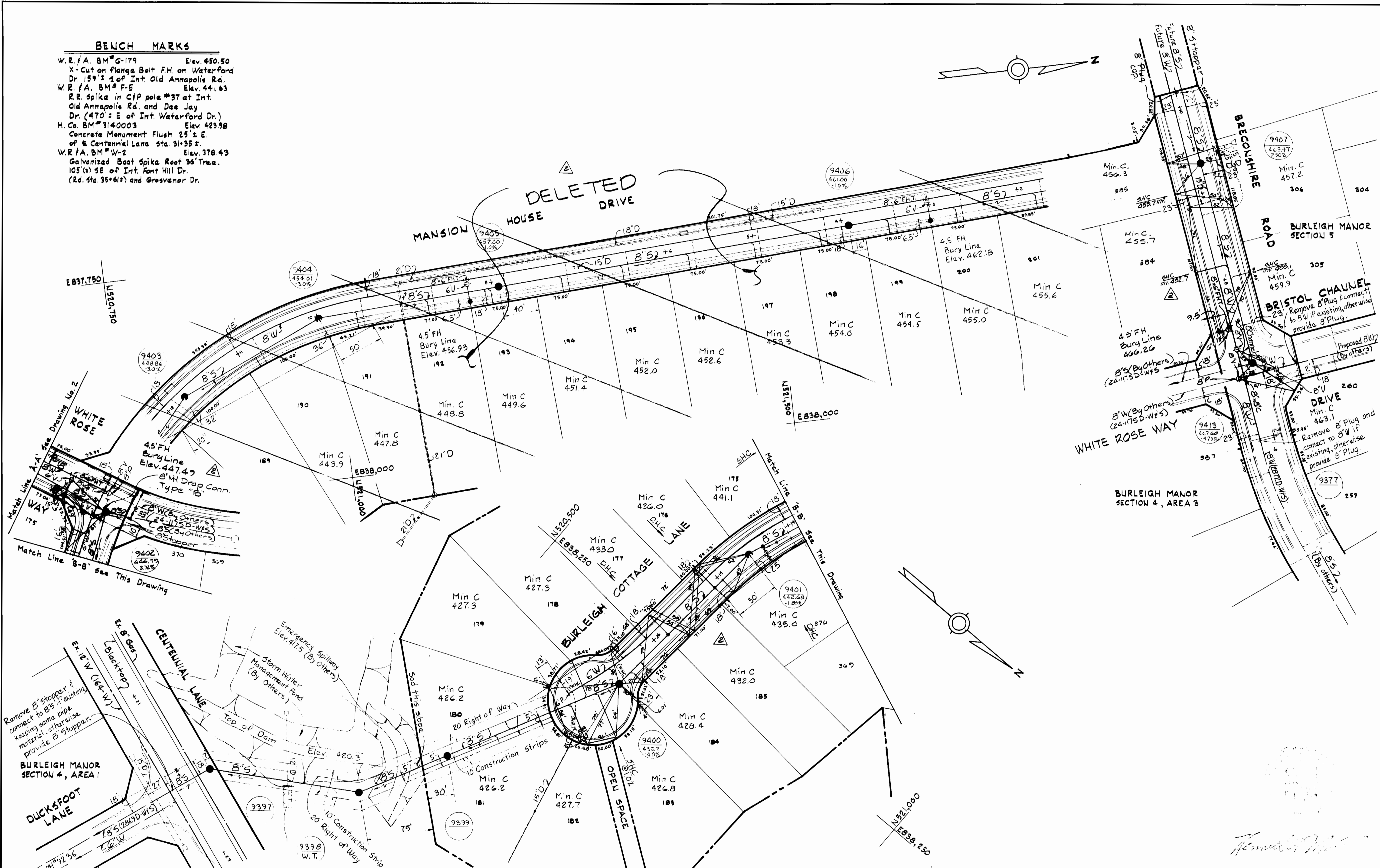
BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO.2

DRAWING NO. 2 OF 4 SCALE AS SHOWN

Burligh Manor Section 4, Area 4 Contract No. 2878D-W&S

BENCH MARKS

- W.R. f.A. BM# G-179 Elev. 450.50
- X-Cut on flange Bolt F.H. on Waterford Dr. 159'± S of Int. Old Annapolis Rd.
- W.R. f.A. BM# F-5 Elev. 441.63
- R.R. spike in C/P pole #37 at Int. Old Annapolis Rd. and Das Jay Dr. (470'± E of Int. Waterford Dr.)
- H. Co. BM# 3140003 Elev. 423.98
- Concrete Monument Flush 25'± E. of Centennial Lane Sta. 31+35±.
- W.R. f.A. BM# W-2 Elev. 378.43
- Galvanized Boat spike Root 36' Tree. 105'± SE of Int. Font Hill Dr. (Rd. Sta. 35+61±) and Grosvenor Dr.



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CONTRACT NO. 2878D-W8S

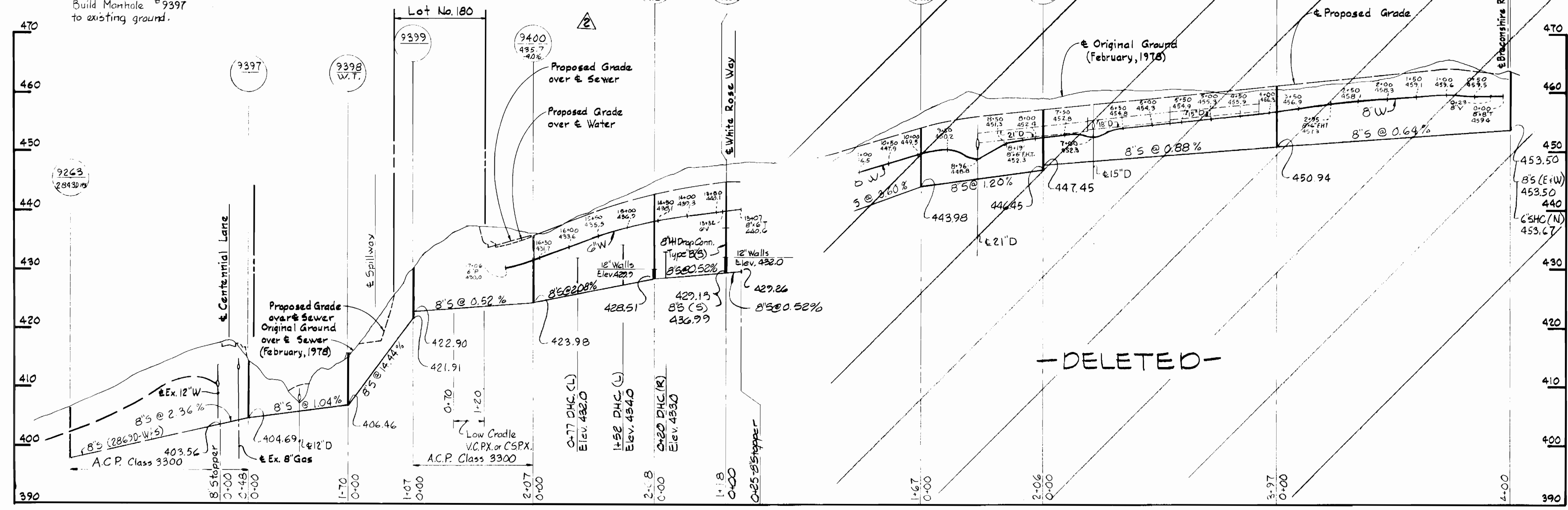
PLAN OF
 WATER & SEWER MAINS

BURLEIGH MANOR
 ELECTION DISTRICT
 ELLICOTT CITY NO. 2

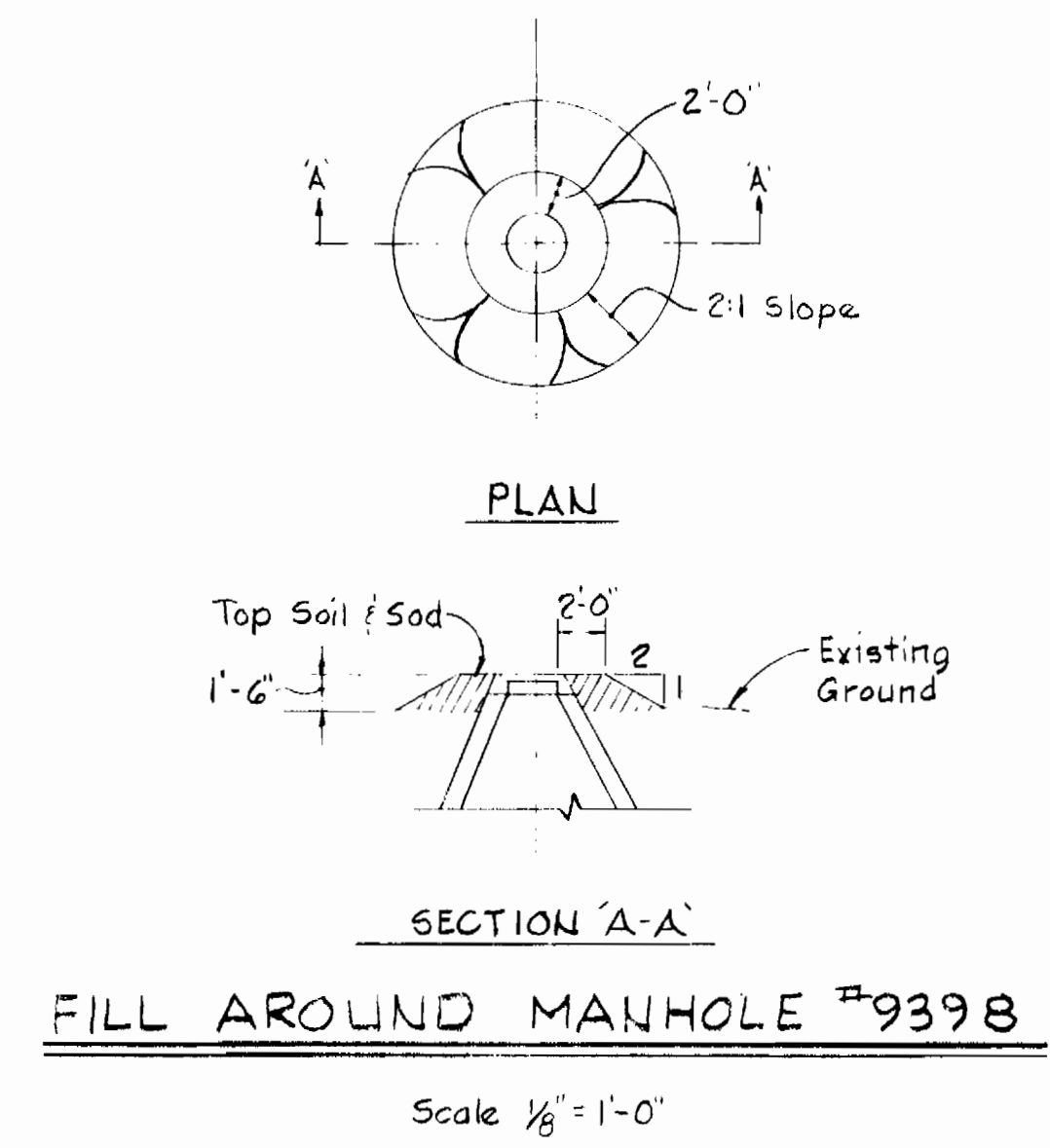
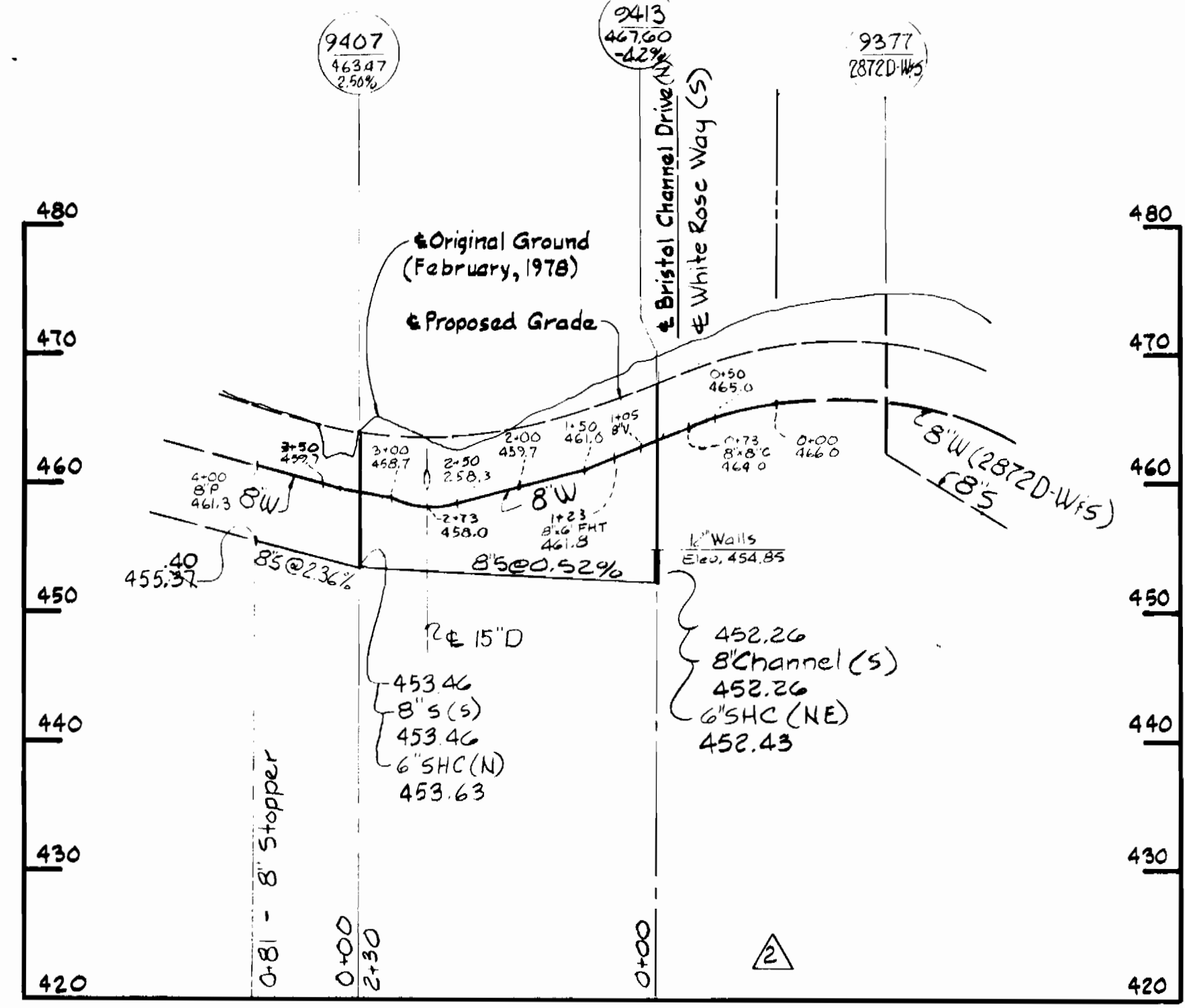
Burleigh Manor
 Section 4, Area 4
 Contract No. 2878D-Wf5
 DRAWING NO. 3 OF 4
 SCALE 1" = 50'

BURLEIGH COTTAGE LANE

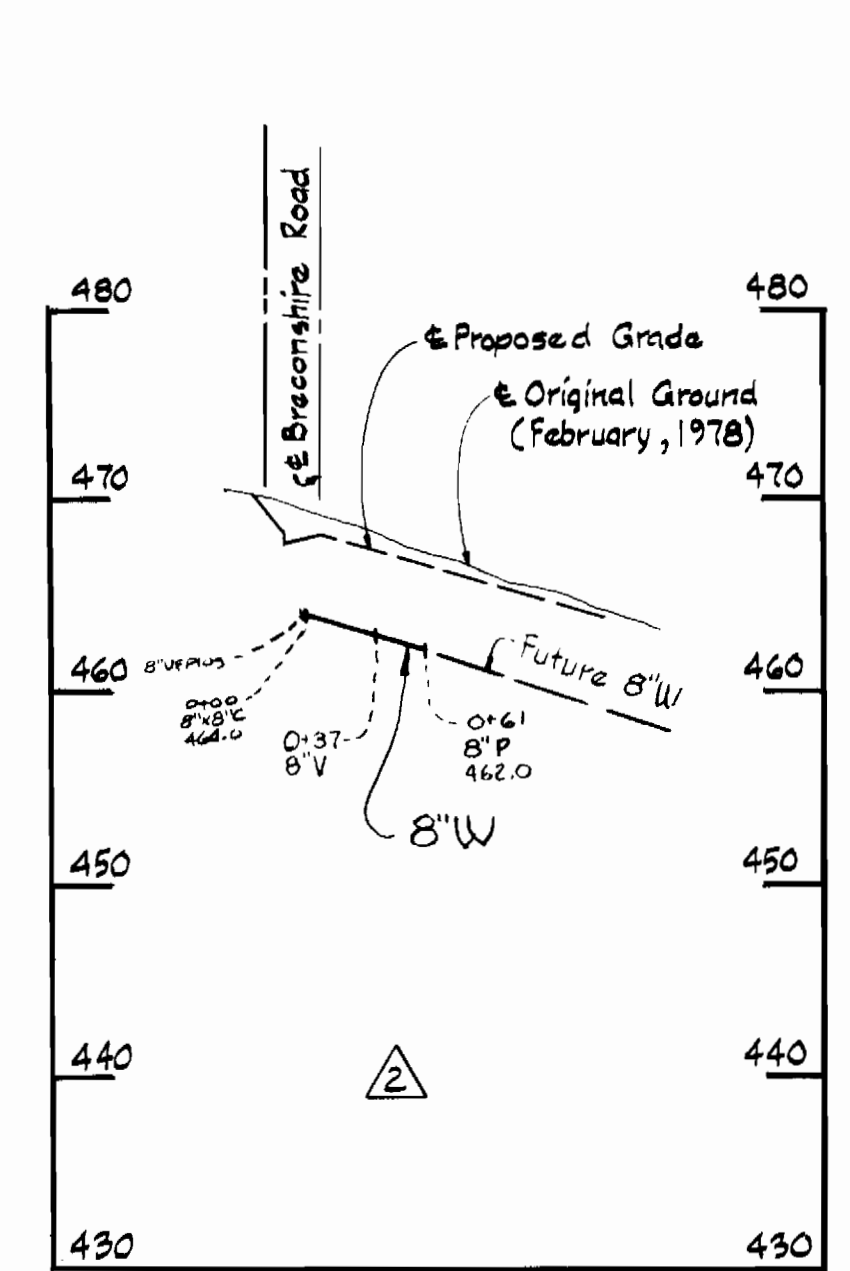
Note:
Build Manhole #9397
to existing ground.



BRECONSHIRE ROAD



BRISTOL CHANNEL DRIVE



PROFILES

Scale: H: 1" = 100'
V: 1" = 10'

Handwritten signature and stamp

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James L. Gleig, 11/27/79
CHIEF-BUREAU OF UTILITIES — DATE
Whitman, Requardt & Associates
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-29-79
DATE
Director of Public Works

CONTRACT NO. 2878D-W&S

DETAIL & PROFILES OF
WATER & SEWER MAINS

BURLEIGH MANOR
ELECTION DISTRICT
ELLICOTT CITY NO. 2

Burlaigh Manor
Section 4, Area 4
Contract No. 2878D-W&S
DRAWING NO. 4 OF 4
SCALE AS SHOWN