

Waste Water Disposal: Savage  
 Types of buildings: Single Family  
 No. of A.H.C.: 26  
 No. of W.H.C.: 26

**WATER & SEWER CODE**  
 County Use:  
 Water: JOI  
 Sewer: 5841600

**CONTRACT NO. 287ID-W&S**  
**BURLEIGH MANOR**  
**HOWARD COUNTY, MARYLAND**  
**DEPARTMENT OF PUBLIC WORKS**

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	1,500 LF	1,460.0 LF	TRANSITE-JOHN'S MANSVILLE
Manholes *	68 V.F.	69.91 V.F.	
8" Water	550 L.F.	546.0 L.F.	DUCTILE IRON - GRIFFIN-AMSTEAD
6" Water *	910 L.F.	909.0 L.F.	" "
8" Valves	1	1	
6" (Excluding FHV)	2	2	
Fire Hydrants	1	1	MFH

\*-INCLUDES F.H. CONN.  
 \*-EXCLUDING FRAMES & COVERS



Burleigh Manor  
 Section 4, Area 2  
 Contract No. 287ID-W&S

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
*James L. Erling* 10/21/79  
 CHIEF-BUREAU OF UTILITIES - DATE  
*W. O. P. [Signature]* 10-21-79  
 CHIEF-BUREAU OF ENGINEERING - DATE  
**WHITMAN, REQUARDT & ASSOCIATES**  
 ENGINEERS  
 1304 ST. PAUL ST.  
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
*George F. Nemeyer*  
 DIRECTOR OF PUBLIC WORKS  
 10-24-79  
 DATE

CONTRACT NO. 287ID-W&S

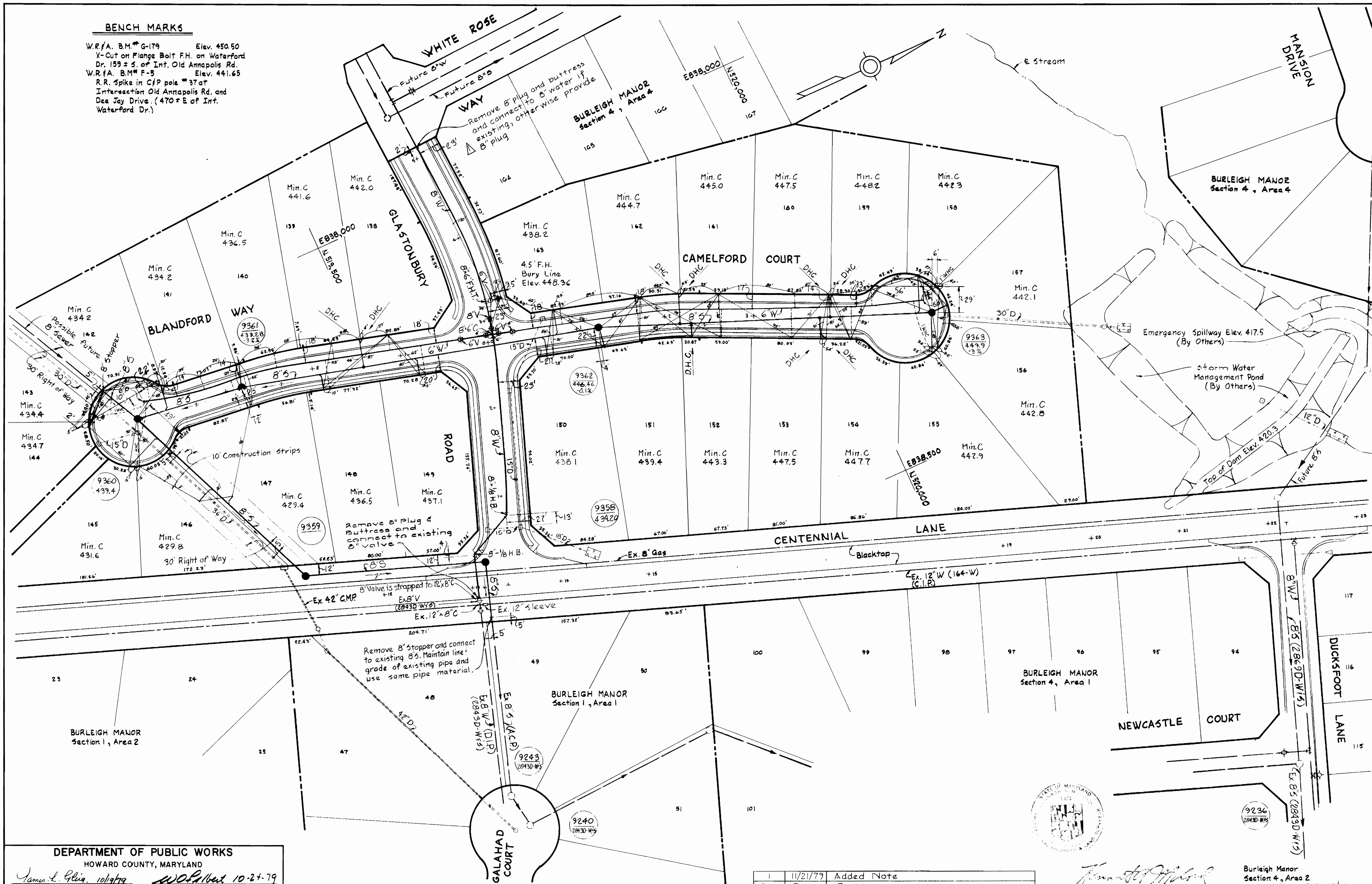
LOCATION MAP OF  
 WATER & SEWER MAINS

BURLEIGH MANOR  
 ELECTION DISTRICT  
 ELLICOTT CITY NO. 2

DRAWING NO. OF 3	SCALE 1"=600'
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**BENCH MARKS**

W.R.F.A. B.M. # 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. B.M. # F-5 Elev. 441.65  
 R.R. Spike in C/P pole # 37 at Intersection Old Annapolis Rd. and Dea Jay Drive. (470 ± E of Int. Waterford Dr.)



DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*James L. Glis* 10/24/79  
 CHIEF-BUREAU OF UTILITIES - DATE

*W. O. Albert* 10-24-79  
 CHIEF-BUREAU OF ENGINEERING - DATE

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

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*John F. Nemej*  
 DIRECTOR OF PUBLIC WORKS

10-24-79  
 DATE

CONTRACT NO. 2871D-W8S

PLAN OF  
 WATER & SEWER MAINS

BURLEIGH MANOR  
 ELECTION DISTRICT  
 ELLICOTT CITY NO. 2

DRAWING  
 NO. 2  
 OF 3

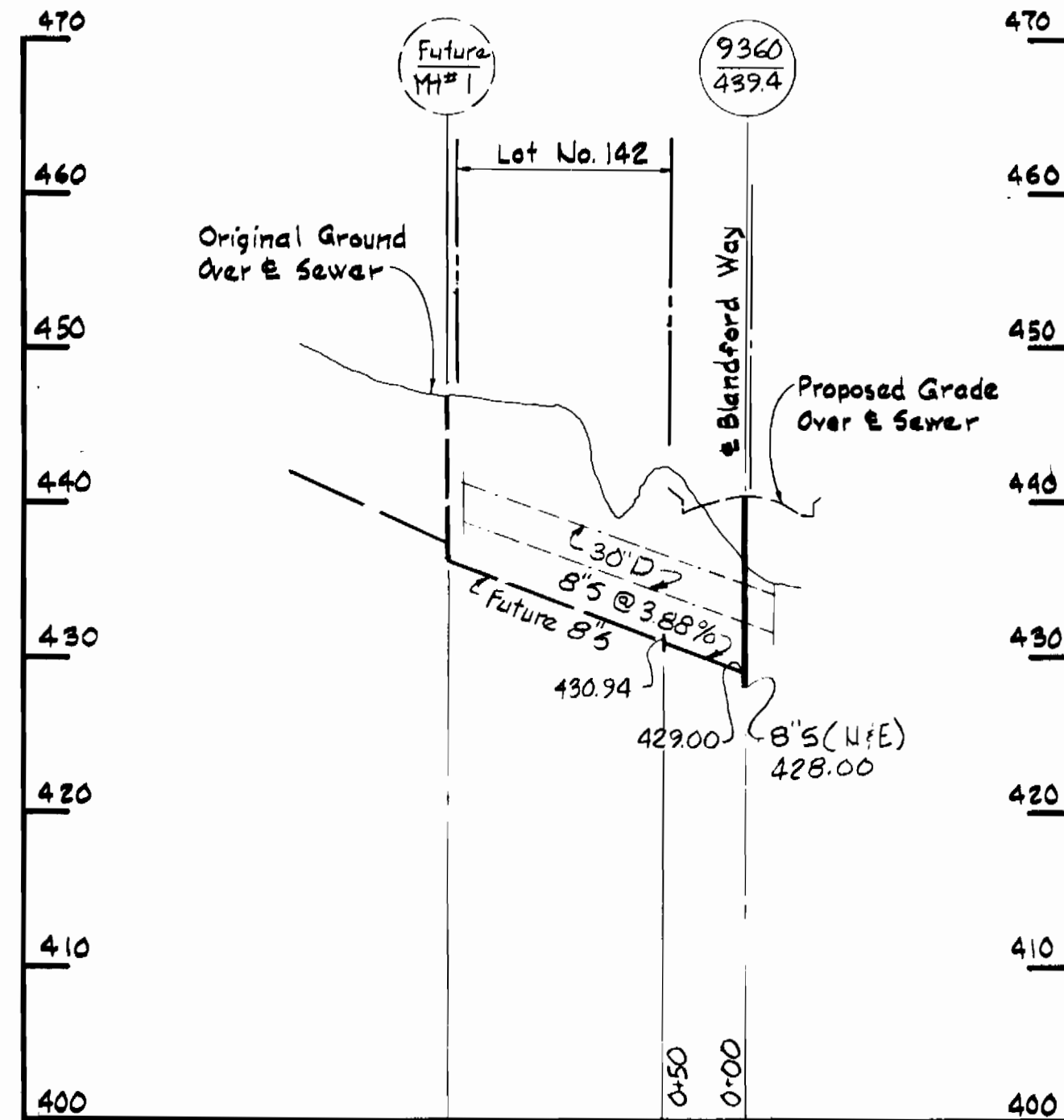
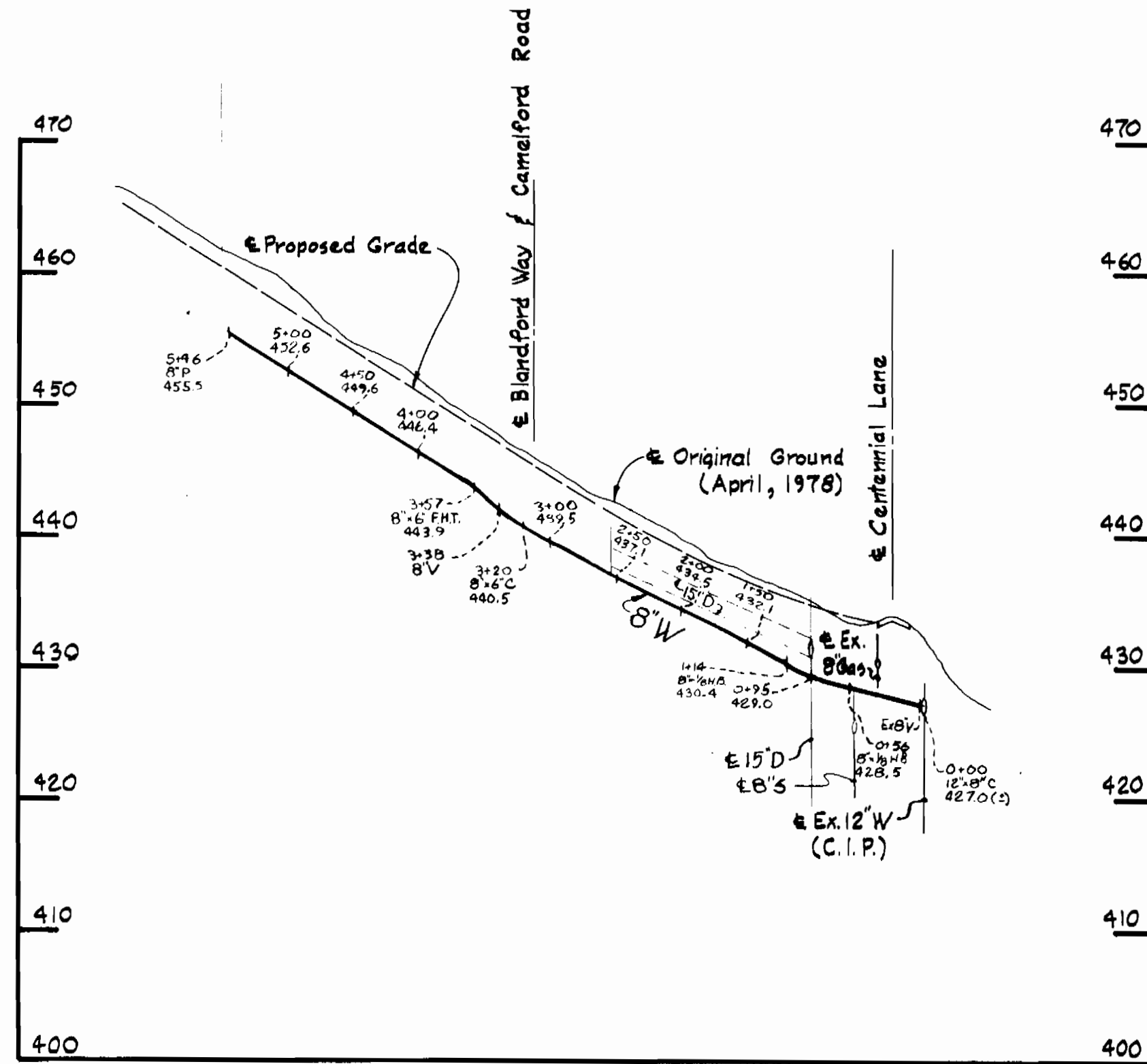
SCALE  
 1" = 50'

No.	Date	Revision
1	11/21/79	Added Note

*Robert H. Johnson*

Burleigh Manor  
 Section 4, Area 2  
 Contract No. 2871D-W8S

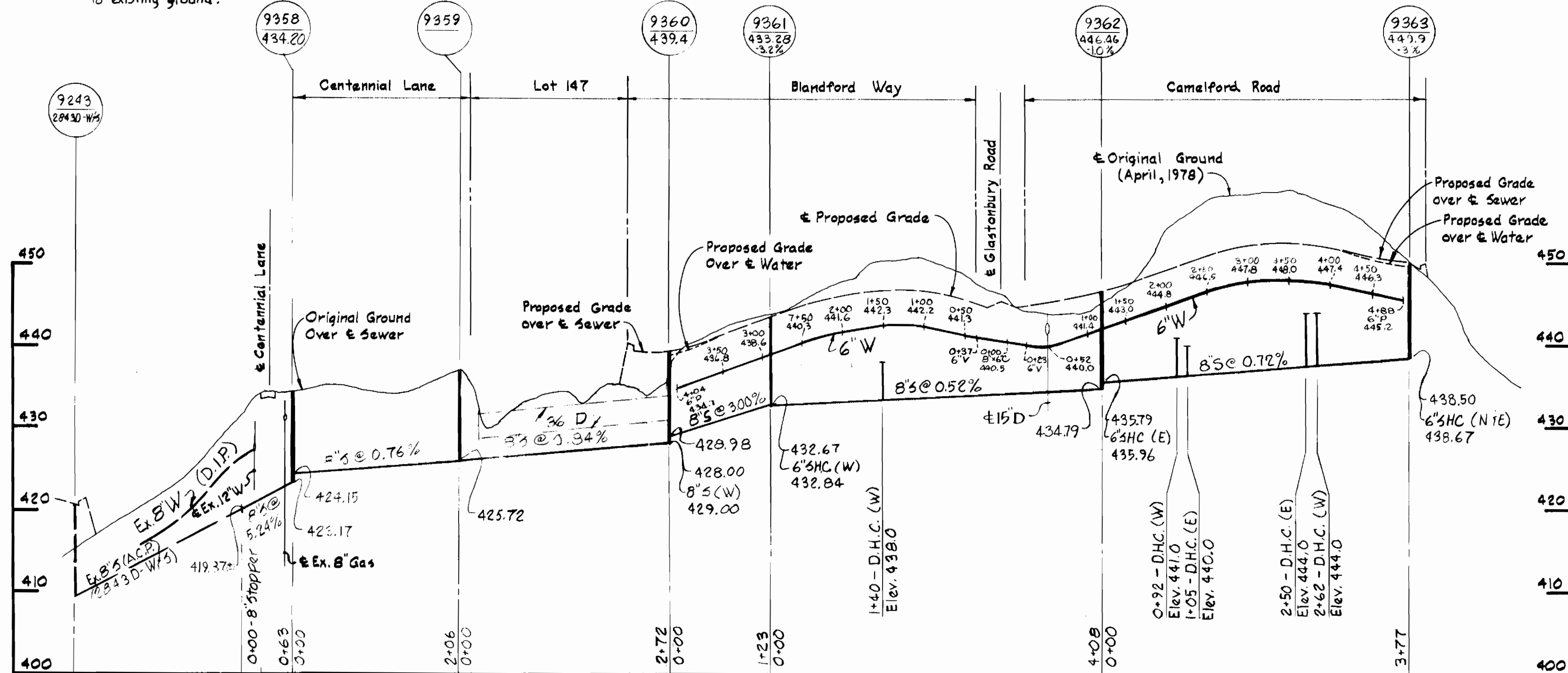
GLASTONBURY ROAD



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 C.I.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. OR A.C.P. CLASS 2400 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.

Note:  
Build Manhole #9359  
to existing ground.



*Kenneth J. Ward*

Burleigh Manor  
Section 4, Area 2  
Contract No. 2871D-W&S

DEPARTMENT OF PUBLIC WORKS

HOWARD COUNTY, MARYLAND

James L. Glick, 10/24/79  
CHIEF-BUREAU OF UTILITIES - DATE  
W.O. Pallett 10-24-79  
CHIEF-BUREAU OF ENGINEERING - DATE

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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

John F. Nemmey  
DIRECTOR OF PUBLIC WORKS  
10-24-79  
DATE

CONTRACT NO. 2871D-W&S

PROFILES OF  
WATER & SEWER MAINS

BURLEIGH MANOR  
ELECTION DISTRICT  
ELLCOTT CITY NO. 2

DRAWING NO. 3 OF 3  
SCALE H:1"=100' V:1"=10'