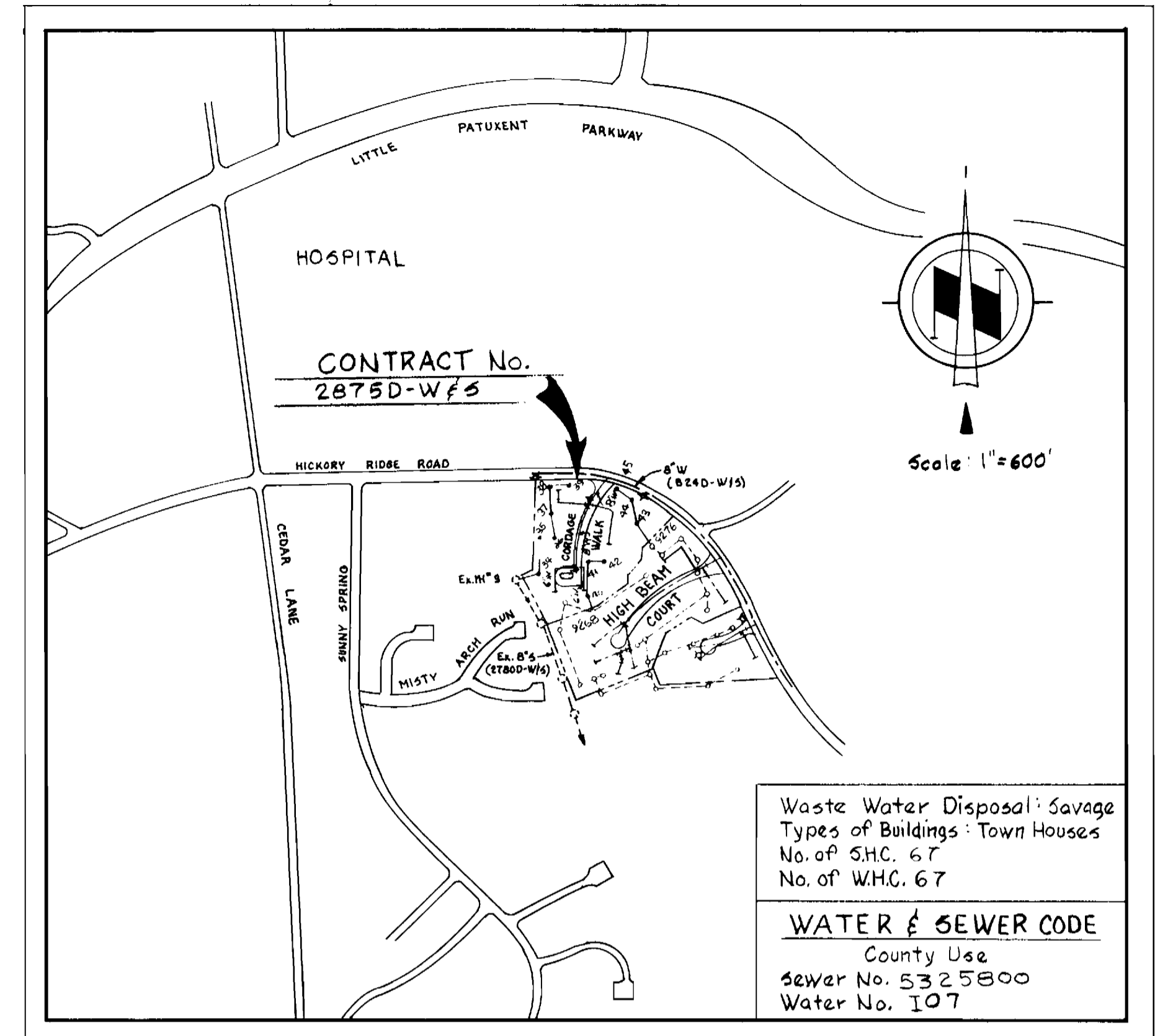
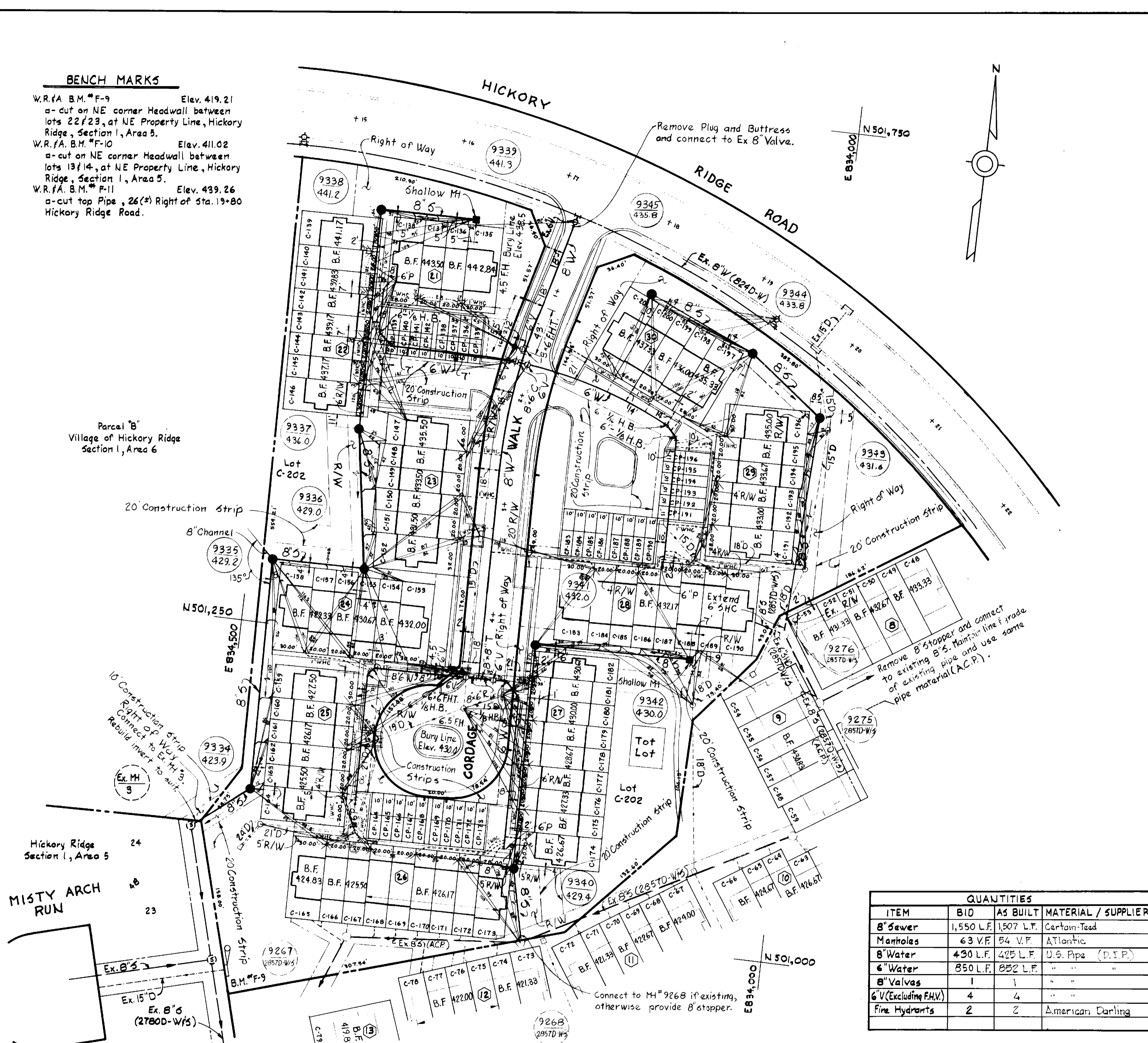


BENCH MARKS

- W.R.F.A. B.M. #F-9 Elev. 419.21
a-cut on NE corner Headwall between lots 22 & 23, at NE Property Line, Hickory Ridge, Section I, Area 5.
- W.R.F.A. B.M. #F-10 Elev. 411.02
a-cut on NE corner Headwall between lots 13 & 14, at NE Property Line, Hickory Ridge, Section I, Area 5.
- W.R.F.A. B.M. #F-11 Elev. 439.26
a-cut top Pipe, 26'± Right of Sta. 19+80 Hickory Ridge Road.

Parcel B
Village of Hickory Ridge
Section I, Area 6



Waste Water Disposal: Savage
Types of Buildings: Town Houses
No. of S.H.C. 67
No. of W.H.C. 67

WATER & SEWER CODE
County Use
Sewer No. 5325800
Water No. 107

LOCATION MAP
SCALE: 1" = 600'

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 ELEVATIONS 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.
- 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.

QUANTITIES			
ITEM	BID	AS BUILT	MATERIAL / SUPPLIER
8" Sewer	1,550 L.F.	1,507 L.F.	Certain-Teed
Manholes	63 V.F.	54 V.F.	Atlantic
8" Water	430 L.F.	425 L.F.	U.S. Pipe (D.I.P.)
6" Water	850 L.F.	852 L.F.	" " " "
8" Valves	1	1	" " " "
6" V (Excluding F.H.V.)	4	4	" " " "
Fire Hydrants	2	2	American Darling

Note: Offset MH #9340 Frame and cover toward East.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James L. King, Jr. 10-21-79
CHIEF-BUREAU OF UTILITIES-DATE

W. O. Whitman 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

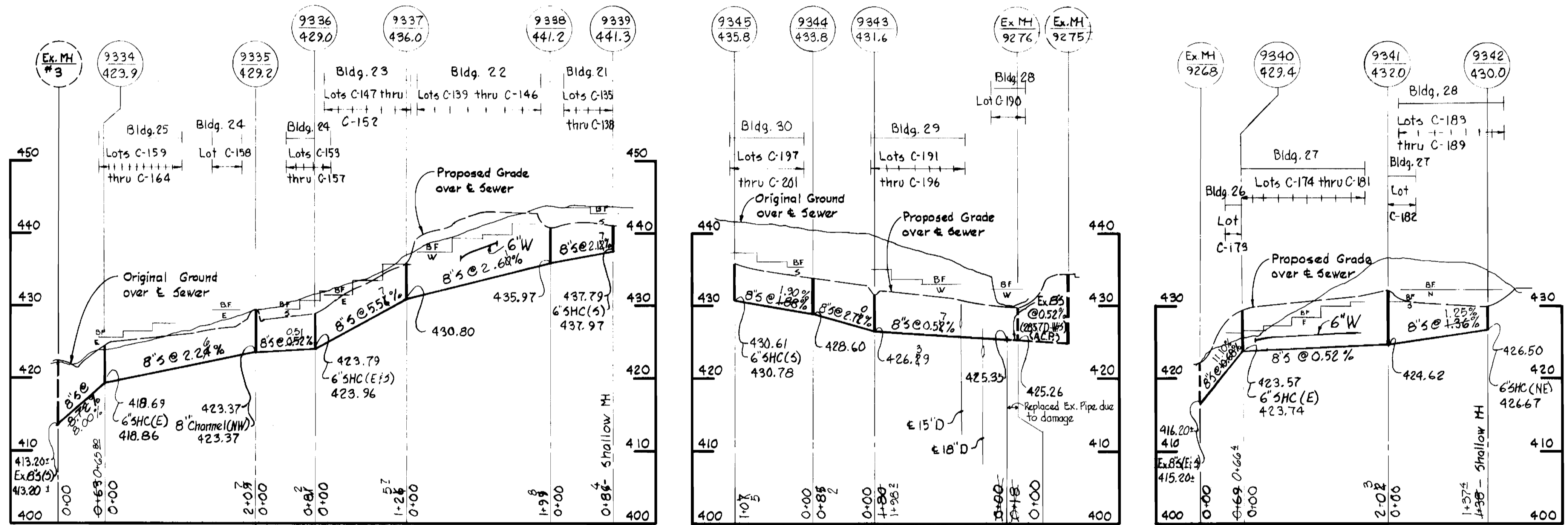
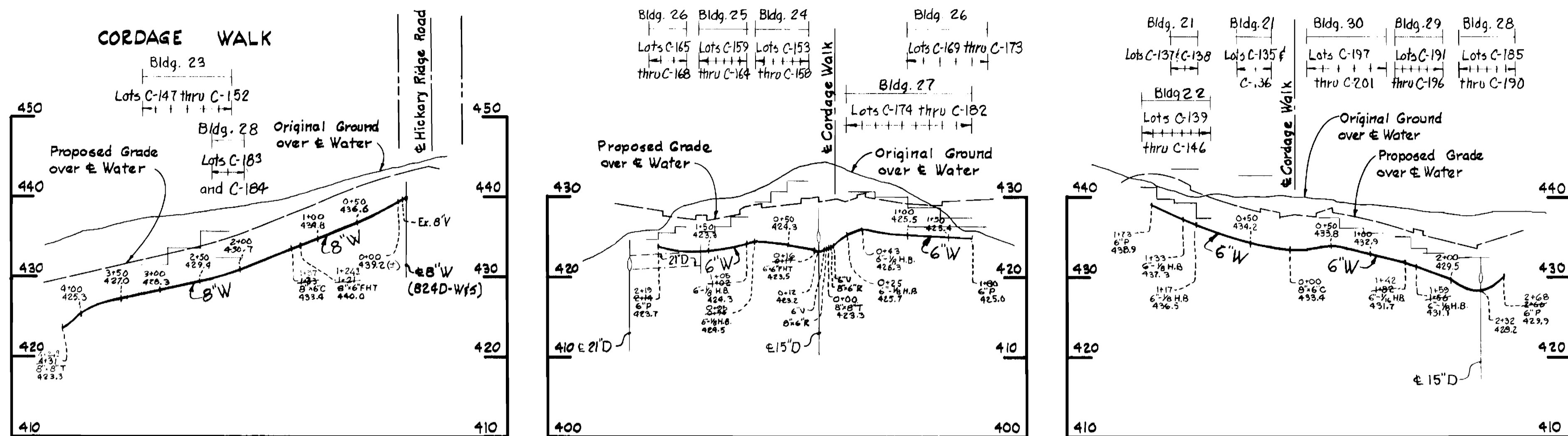
George F. Whitman 10-24-79
DIRECTOR OF PUBLIC WORKS DATE

CONTRACT NO. 2875D-W&S

PLAN OF WATER & SEWER DRAINS

COLUMBIA VILLAGE OF HICKORY RIDGE
ELECTION DISTRICT - CLARKSVILLE NO. 5

DRAWING NO. 1 OF 2
SCALE AS SHOWN



Note:
Original Ground over Water and Sewer was taken from Aerial Photography prepared by Maps and Inc. and verified by field survey in February, 1979.

Handwritten signature

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James L. Glavin 10/24/79</i> CHIEF-BUREAU OF UTILITIES—DATE <i>W. O. Whitman 10-24-79</i> CHIEF-BUREAU OF ENGINEERING—DATE		DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James F. Newman</i> DIRECTOR OF PUBLIC WORKS 10-24-79 DATE		CONTRACT NO. 2875D-W8S	PROFILES OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HICKORY RIDGE ELECTION DISTRICT — CLARKSVILLE NO.5	DRAWING NO. 2 OF 2	SCALE H: 1"=100' V: 1"=10'
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