

WATER AND SEWER CODE:
 Water No. F 11
 Sewer No. 5752500 AND 5752600

Wastewater Treatment	Savage
No. of S.H.C.'s	111
No. of W.H.C.'s	105
Type of Lots	Single Family
No. of Lots	105

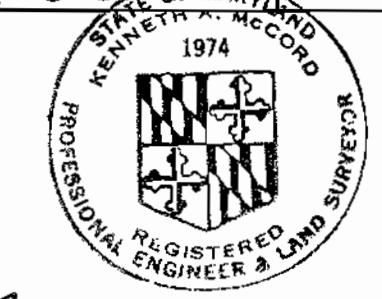
CONTRACT NO. 2884D-W&S

DORSEY HALL

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" S	11,183 L.F.	10,967.02 LF	JOHNS MANVILLE
Manholes Δ	440 U.F.	396.94 LF	ATLANTIC PRE-CAST
12" Water	1825 L.F.	1823.00 LF	US. FOUNDRY
8" Water Δ	660 L.F.	666.16 LF	" "
6" Water Δ	4015 L.F.	3982.10 LF	" "
12" Valves	2	2	M#H
8" Valves	3	3	M#H
6" V. (Excluding F.H.V.)	8	8	M#H
Fire Hydrants	8	8	M#H
8" Sewer		3018.25 LF	JOHNS MANVILLE



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James L. Glavin CHIEF-BUREAU OF UTILITIES
W. O. P. [Signature] CHIEF-BUREAU OF ENGINEERING
 2-6-80
WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Henry F. Nunn DIRECTOR OF PUBLIC WORKS
 2-7-80

Δ	3-2-80	Revised Bright Rocket Way and Quantities
No.	DATE	REVISION

CONTRACT NO. 2884D-W&S
 LOCATION MAP OF
 WATER & SEWER MAINS

ELECTION DISTRICT
 ELLICOTT CITY NO. 2

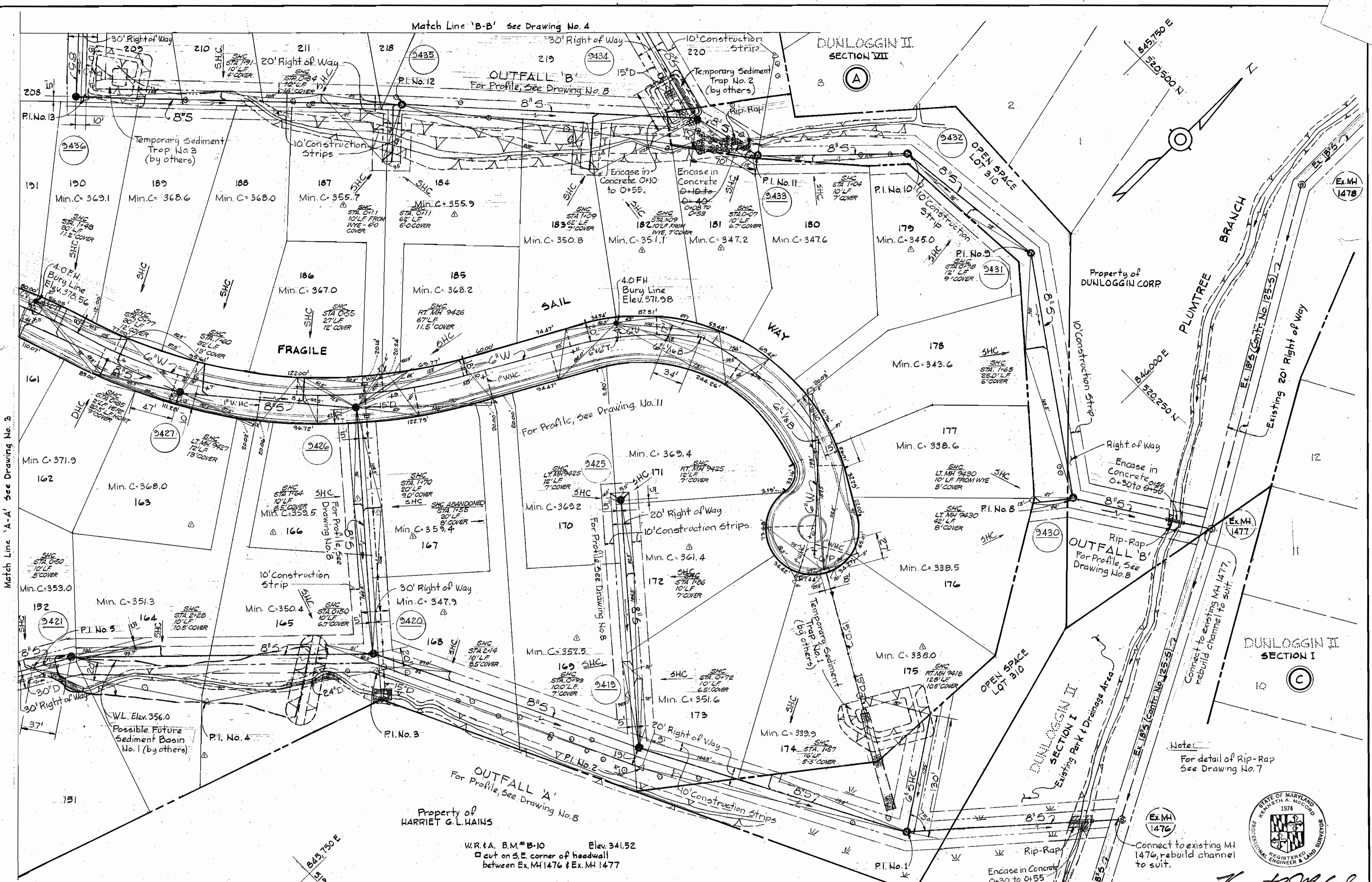
Dorsey Hall - Phase III
 Section I Area 4
 Contract No. 2884D-W&S
DRAWING NO. 1 OF 11
SCALE 1"=60'

W. O. 7423

May 3, 1980

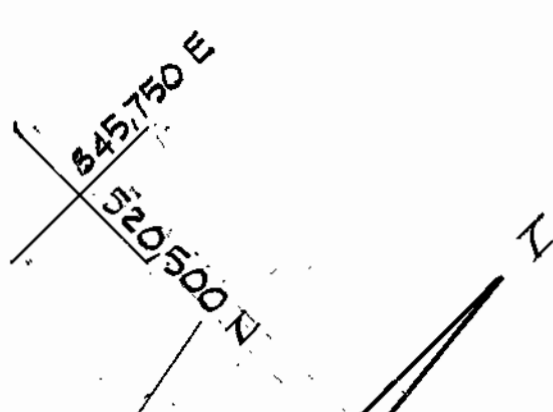
AS-BUILT AUG. 20, 1980

WS 884-W&S/1



Match Line 'A-A' See Drawing No. 3

Match Line 'B-B' See Drawing No. 4



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James J. Quinn CHIEF-BUREAU OF UTILITIES
W.O. Pritchard CHIEF-BUREAU OF ENGINEERING
 DATE 7-6-80

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
George F. Neuman DIRECTOR OF PUBLIC WORKS
 DATE 7-7-80

Revised Min. Cellar Elevations, Lot Lines, SHC's for lots 166 & 167
 No. DATE REVISIONS

CONTRACT NO. 2884D-W8S

PLAN OF WATER & SEWER MAINS

ELECTION DISTRICT ELLICOTT CITY NO. 2

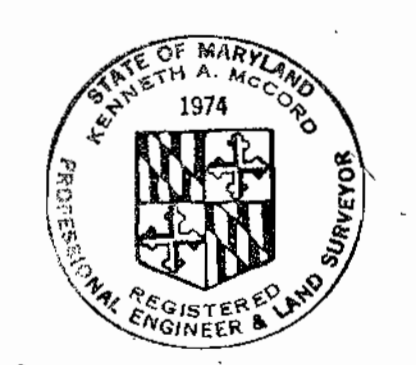
DRAWING NO. 2 OF 11
 SCALE 1" = 50'

W.O. 7423

May 5, 1980

AS-BUILT AUG. 20, 1980

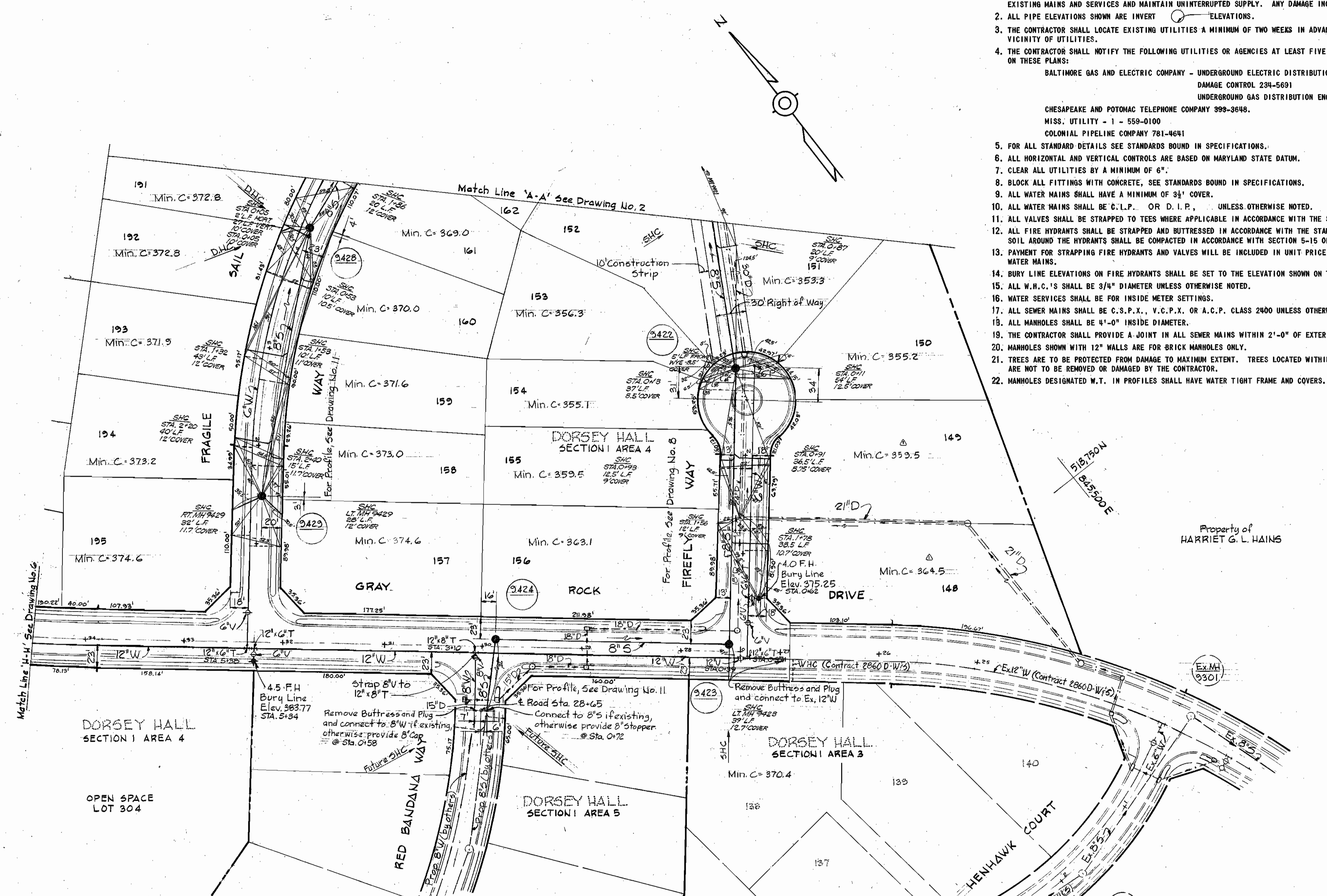
WS 884-WS/2



Kenneth A. McCord
 REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
 Dorsey Hall - Phase III
 Section I Area 4
 Contract No. 2884D-W8S

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
 - COLONIAL PIPELINE COMPANY 781-4641
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.L.P. OR D.I.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 WITHIN 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.
22. MANHOLES DESIGNATED W.T. IN PROFILES SHALL HAVE WATER TIGHT FRAME AND COVERS.



Kenneth A. McLeod
Dorsey Hall-Phase III
Section I Area 4
Contract No. 2884D-W8S

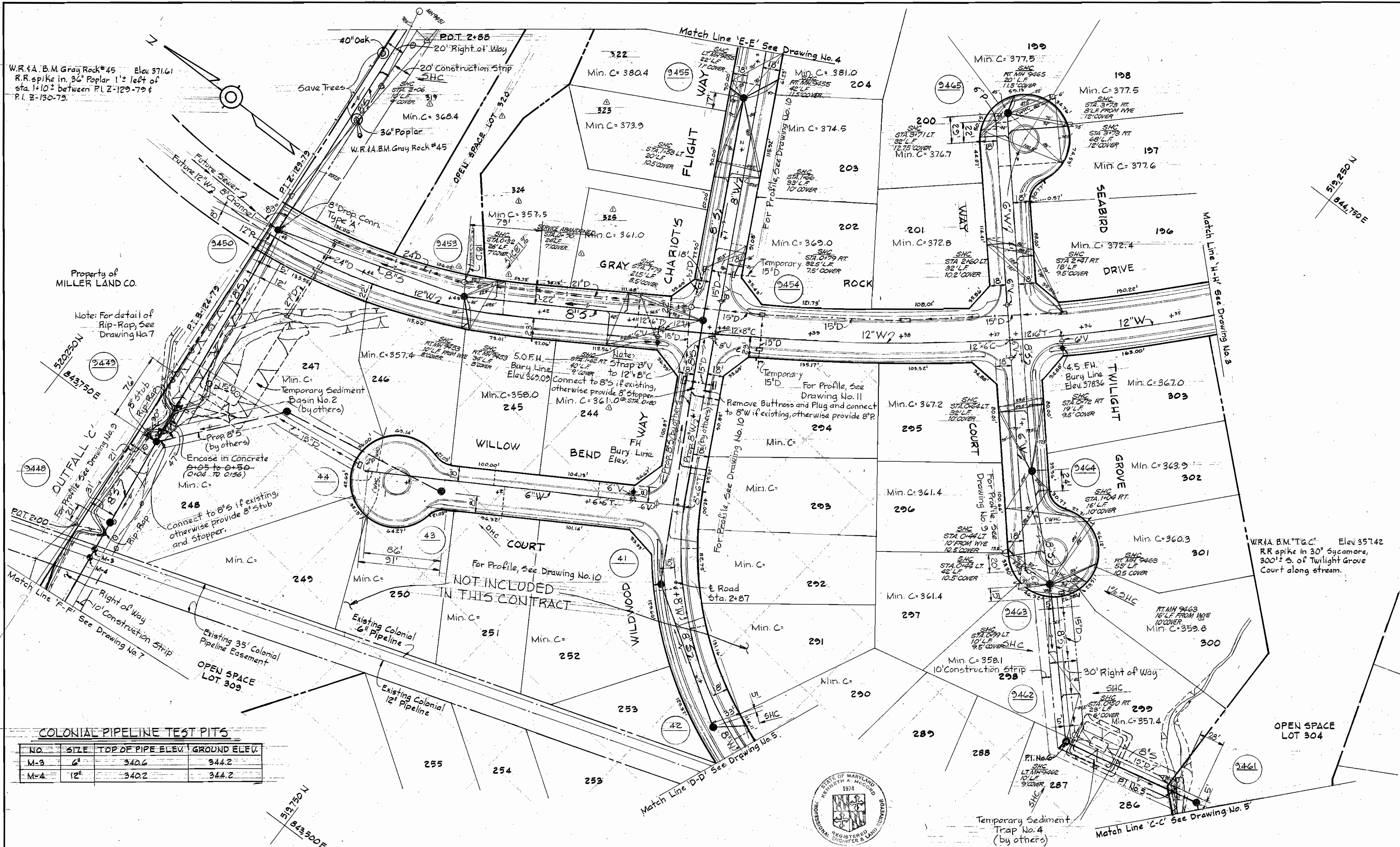
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James L. Olin</i> CHIEF-BUREAU OF UTILITIES - DATE	W.O.P. No. 2-6-80 CHIEF-BUREAU OF ENGINEERING - DATE	No. 3-2-80	Revised Min. Caller Elevations	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CONTRACT NO. 2884D-W8S	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 3 OF 11	SCALE 1" = 50'
		DATE	REVISIONS					
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND		DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE 2-7-80						

W.O. 7423

May 5, 1980

AS-BUILT AUG. 20, 1980

WS 884-WS/3



COLONIAL PIPELINE TEST PITS

NO.	SIZE	TOP OF PIPE ELEV.	GROUND ELEV.
M-3	6"	340.6	344.2
M-4	12"	340.2	344.2

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Jama L. Blair 12/1/79
 CHIEF-BUREAU OF UTILITIES-DATE
W. O. Filbert 2-6-80
 CHIEF-BUREAU OF ENGINEERING-DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
W. F. ...
 DIRECTOR OF PUBLIC WORKS

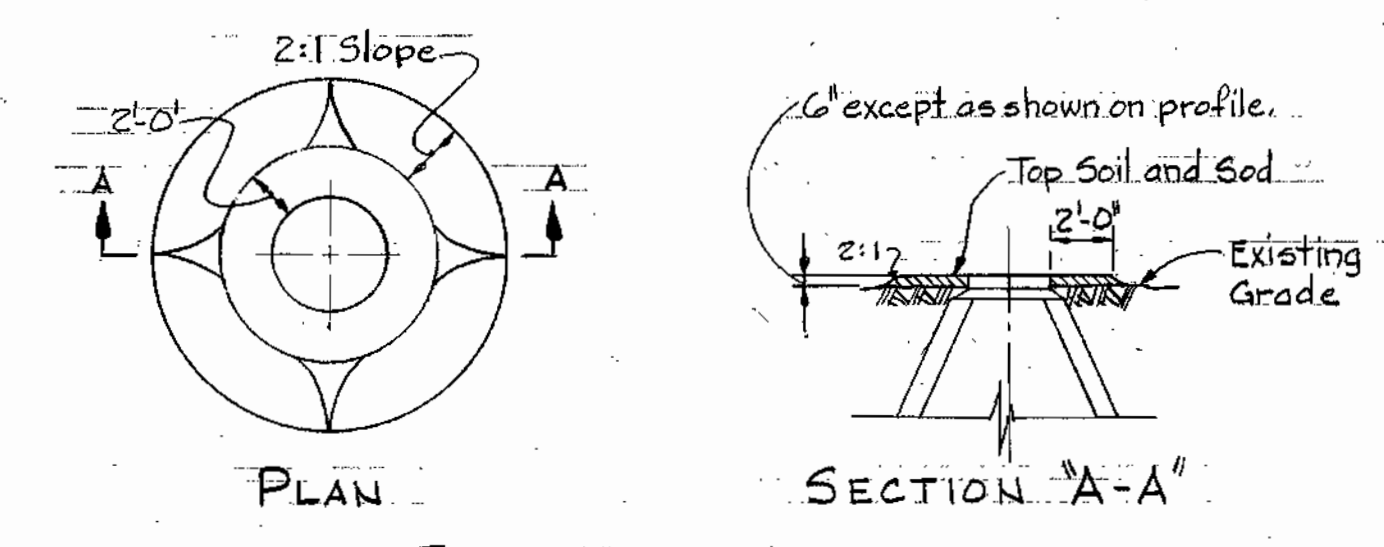
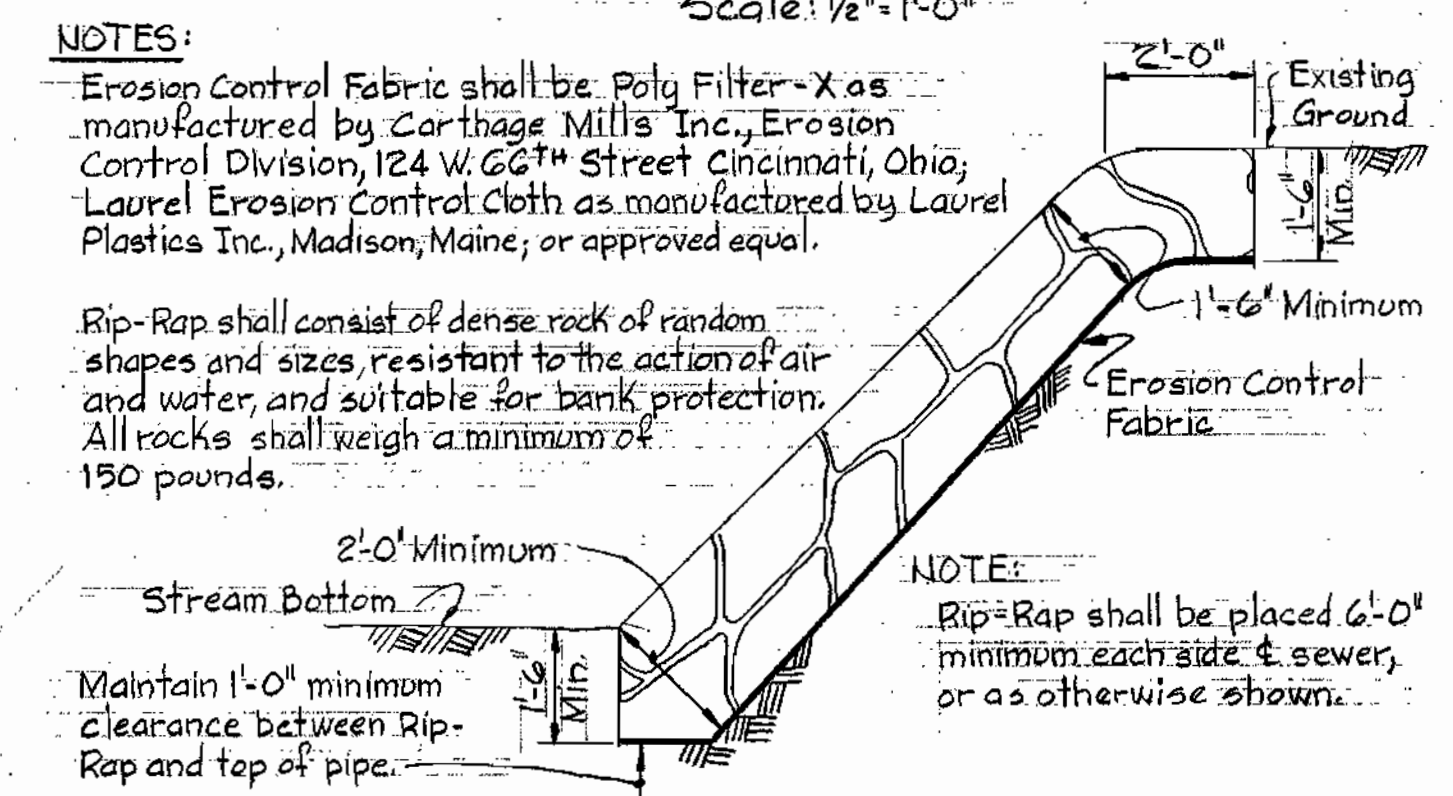
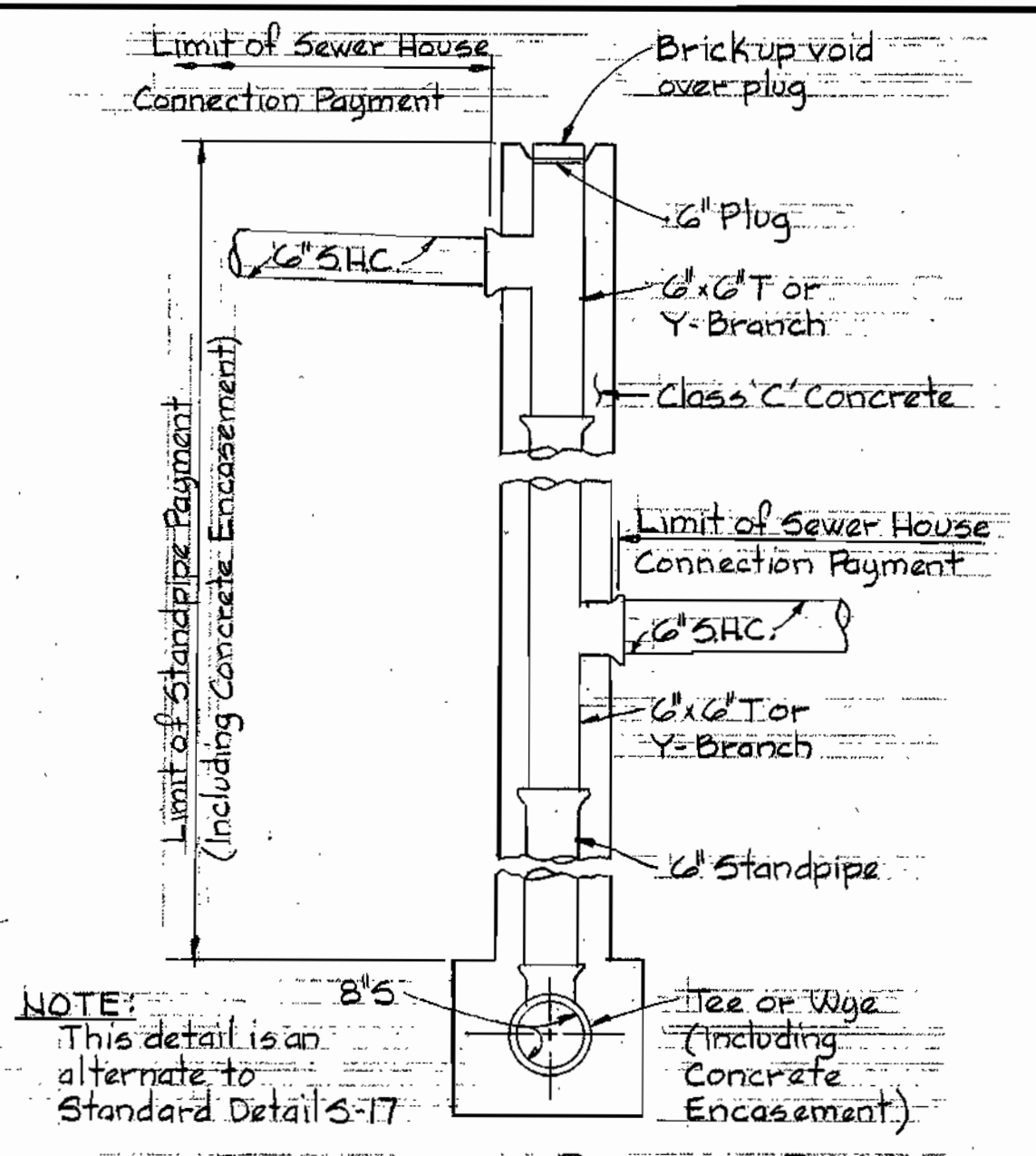
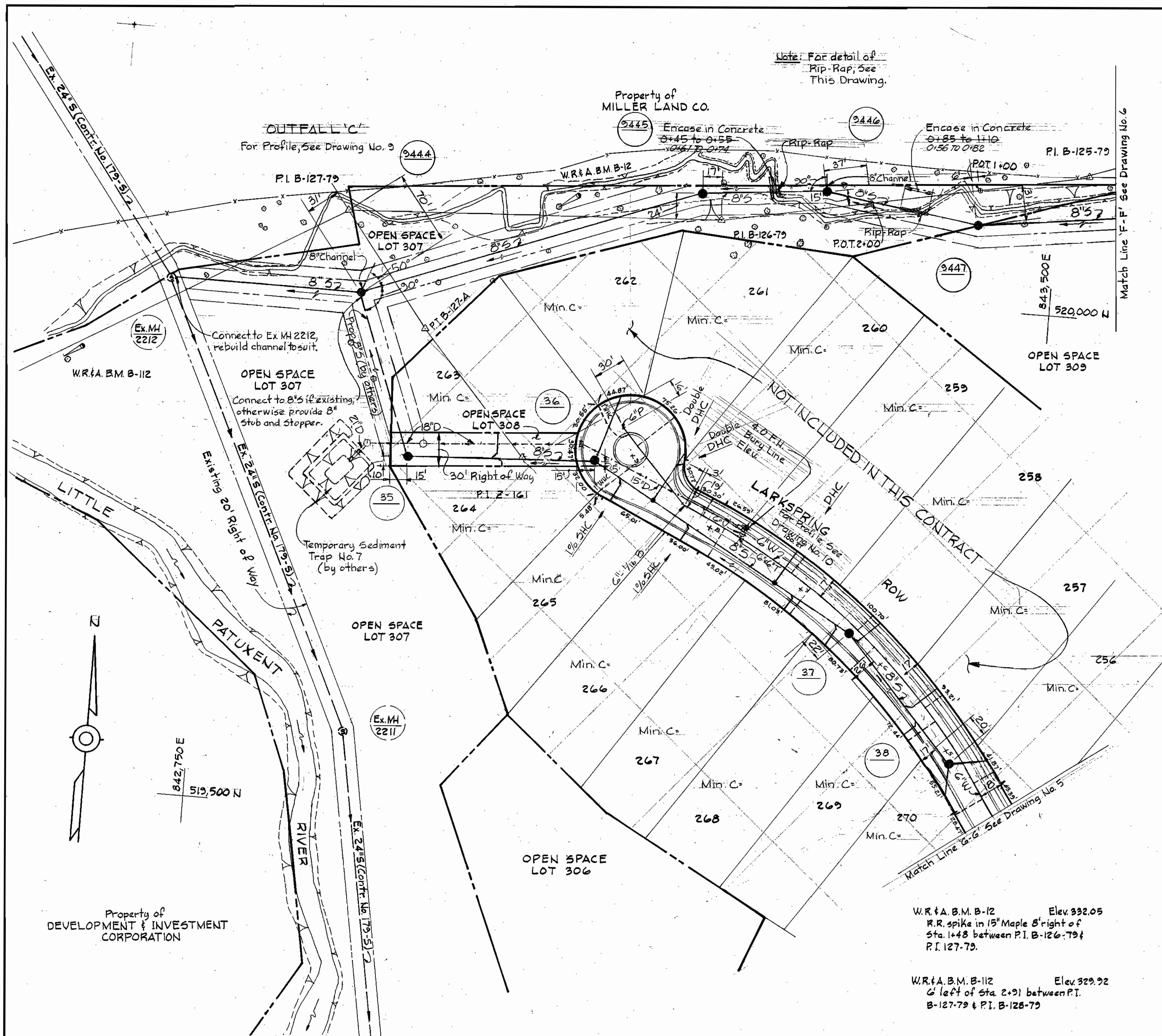
CONTRACT NO. 2884D-W8S
 PLAN OF WATER & SEWER MAINS
 ELECTION DISTRICT ELLICOTT CITY NO. 2

REVISIONS
 No. DATE REVISION
 3-2-80 Gray Rock Drive - revised lots, WHC, SHC's, Min. Cellar Elevations

Drawing No. 6 of 11
 SCALE 1" = 50'

Dorsey Hall - Phase III
 Section I Area 4
 Contract No. 2884D-W8S
 May 5, 1980

WS 884-W8/6



NOTES:

Erosion Control Fabric shall be Poly Filter-X as manufactured by Carthage Mills Inc., Erosion Control Division, 124 W. 62nd Street Cincinnati, Ohio; Laurel Erosion Control Cloth as manufactured by Laurel Plastics Inc., Madison, Maine; or approved equal.

Rip-Rap shall consist of dense rock of random shapes and sizes, resistant to the action of air and water, and suitable for bank protection. All rocks shall weigh a minimum of 150 pounds.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James L. Blair 2-6-80
CHIEF-BUREAU OF UTILITIES—DATE

W. F. Neuman 2-7-80
CHIEF-BUREAU OF ENGINEERING—DATE

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

W. F. Neuman 2-7-80
DIRECTOR OF PUBLIC WORKS—DATE

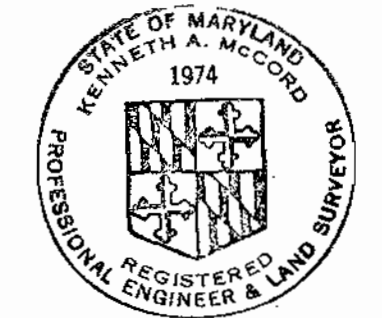
CONTRACT NO. 884D-W8S

PLAN OF WATER & SEWER MAINS

ELECTION DISTRICT ELLICOTT CITY NO. 2

DRAWING NO. 7 OF II

SCALE AS SHOWN



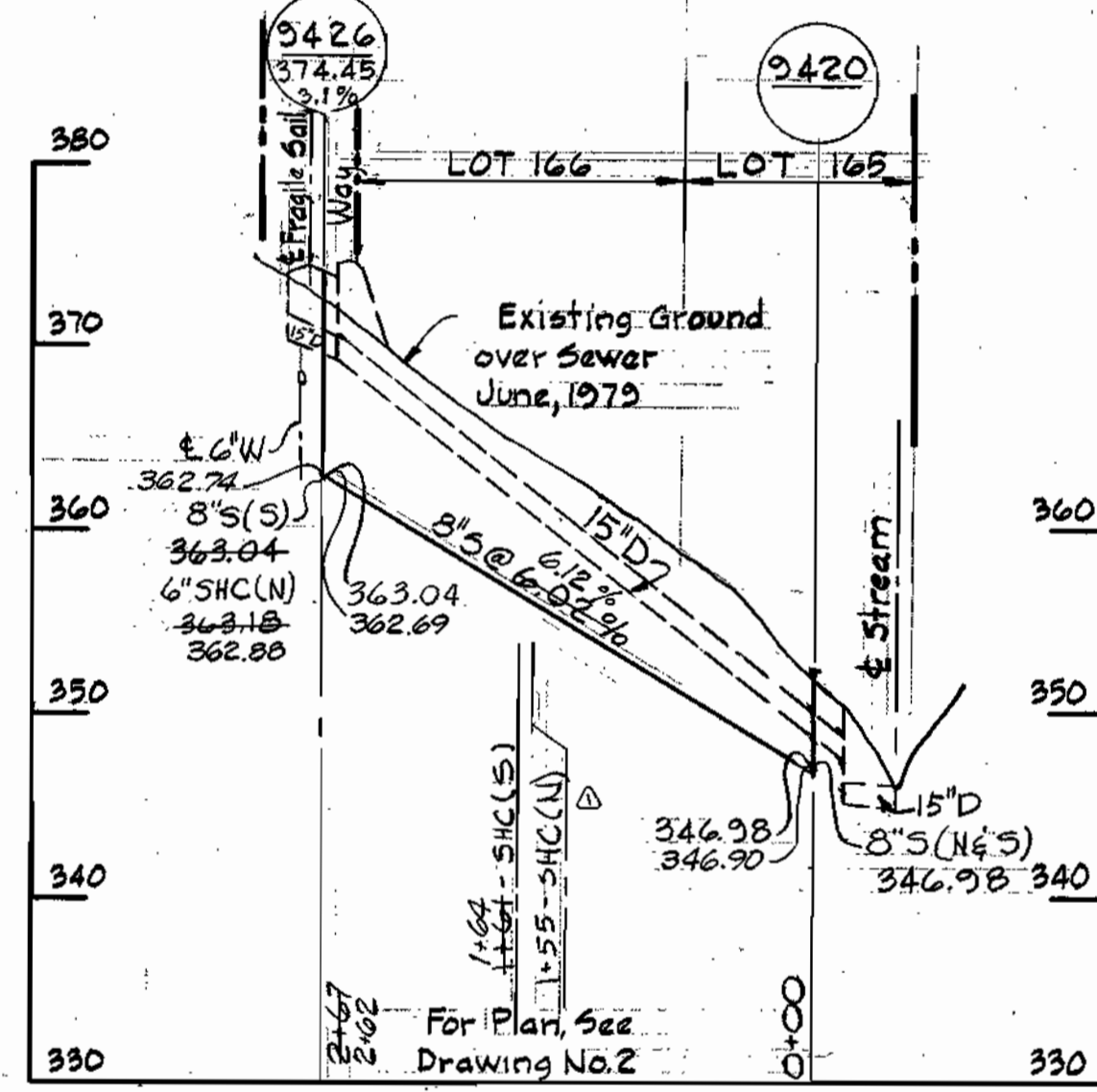
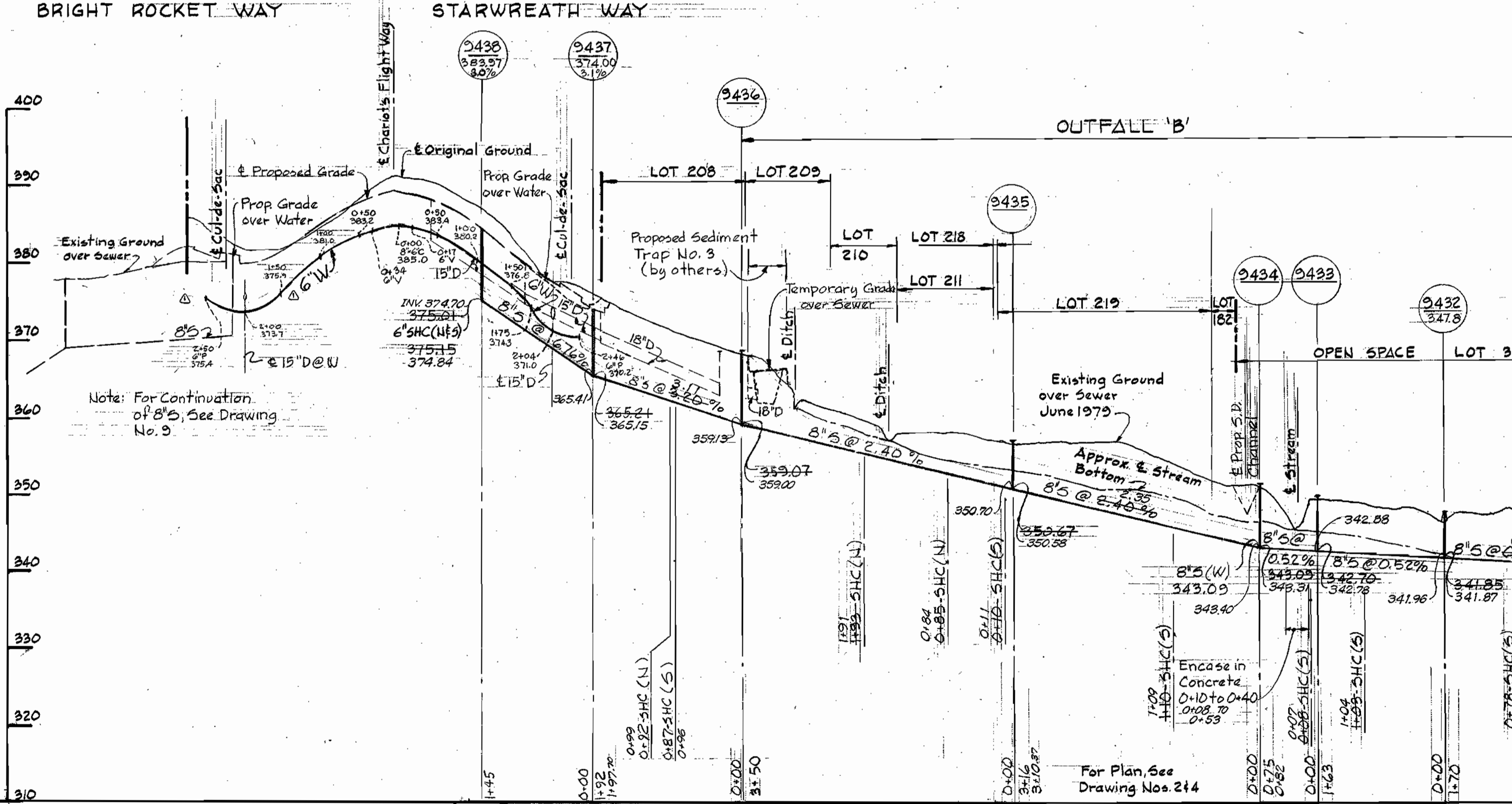
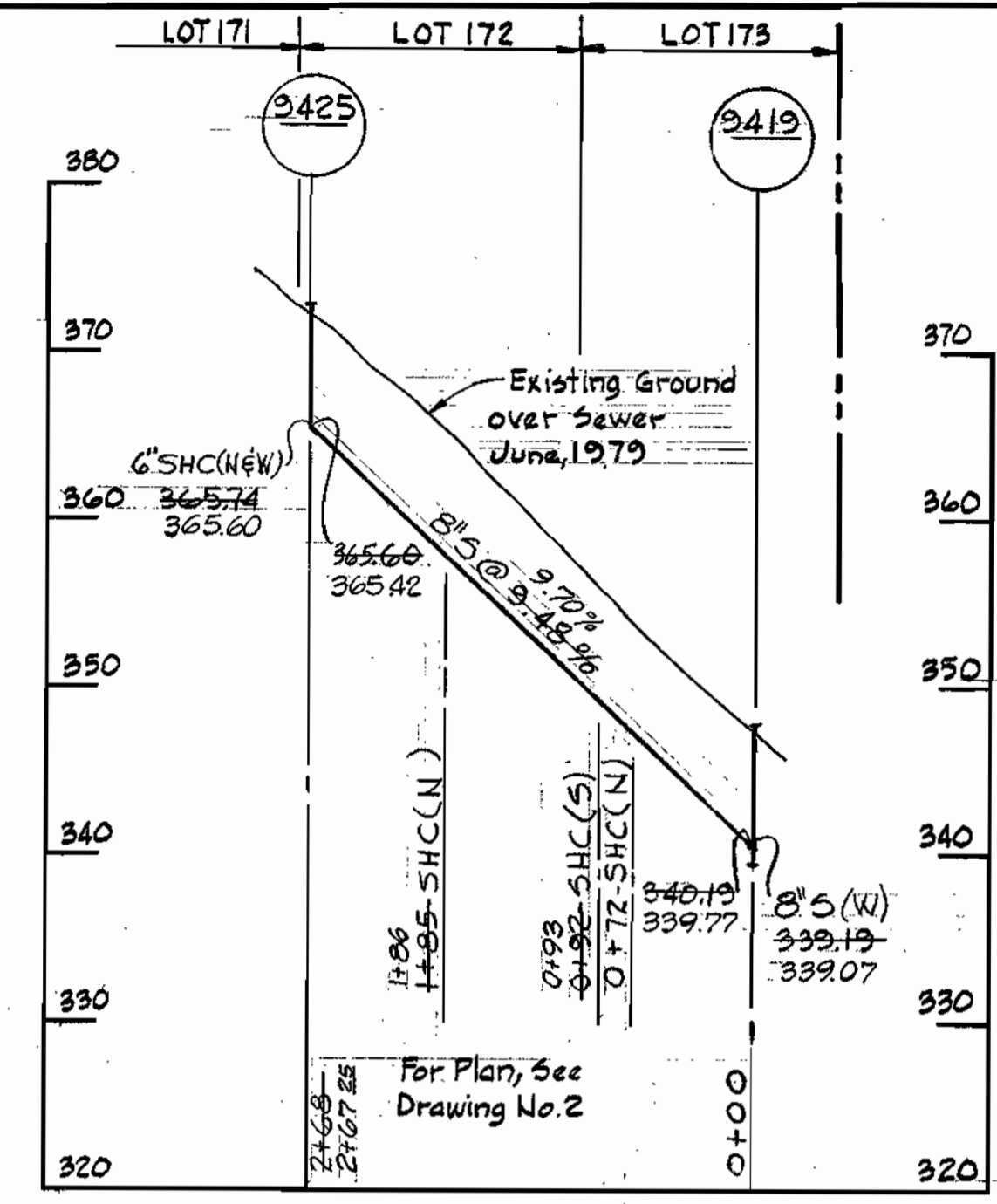
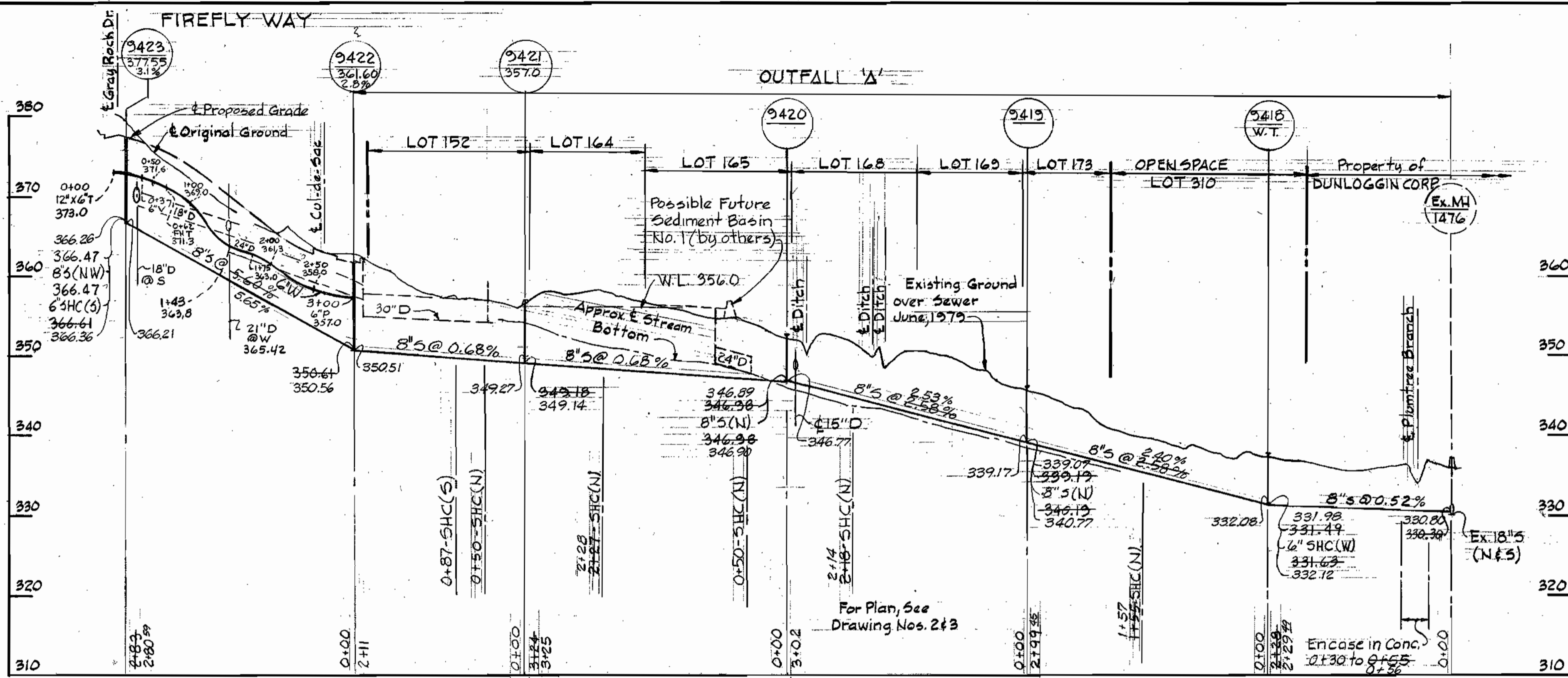
Kenneth A. McLeod
Dorsey Hall - Phase III
Section I Area 4
Contract No. 2884 D-W8S

December 7, 1979

AS-BUILT AUG. 20, 1980

WS 884-WS/7

W. O. 7423



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James L. P... 12/2/80
CHIEF-BUREAU OF UTILITIES-DATE

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
George F. Newman
DIRECTOR OF PUBLIC WORKS

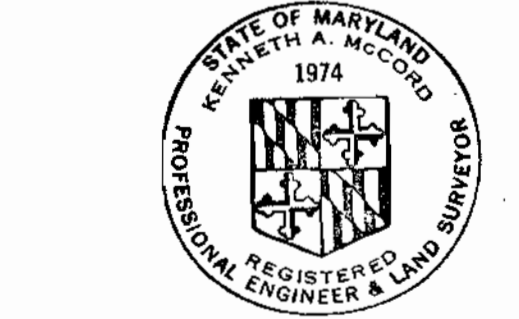
CONTRACT NO. 2884D-W8S
DATE 2-7-80

3-2-80 Revised Bright Rocket Way, relocated SHC between PMS 9420 & 9426
No. DATE REVISION

PROFILE OF
WATER & SEWER MAINS

ELECTION DISTRICT
ELLICOTT CITY NO. 2

DRAWING NO. 8 OF 11
SCALE H=1"=100' V=1"=10'

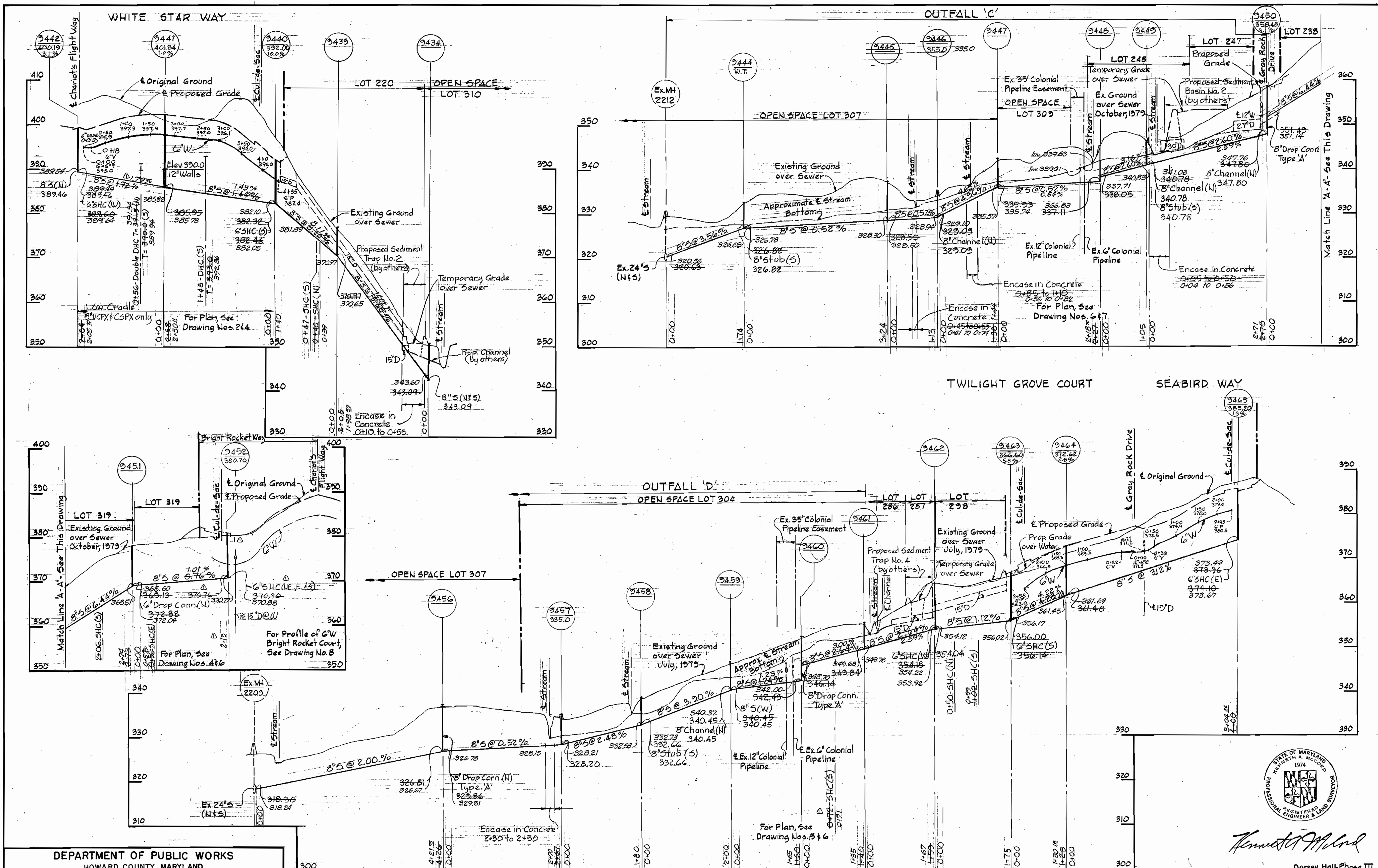


Kenneth A. McCord
Dorsey Hall - Phase III
Section - Area 4
Contract No. 2884D-W45

May 5, 1980

AS-BUILT AUG. 20, 1980

WS 884-WS/8



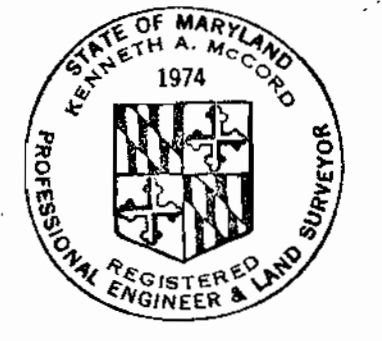
DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 James L. Glick, 12/1/79
 CHIEF-BUREAU OF UTILITIES - DATE
 Whitman, Reardon & Associates
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 May F. Neumeier
 DIRECTOR OF PUBLIC WORKS
 2-7-80
 DATE

CONTRACT NO. 2884D-W8S
 PROFILE OF
 WATER & SEWER MAINS

ELECTION DISTRICT
 ELLICOTT CITY NO. 2

DORSEY HALL - Phase III
 Section I Area 4
 Contract No. 2884D-W8S
 DRAWING NO. 9 OF 11
 SCALE H=1"=100' V=1"=10'
 May 5, 1980



Handwritten signature: Kenneth J. McLeod

REVISIONS

3-2-80	Revised Outfall C' M4951 to 9452, White Star Way 8" M4941 to 9442
No.	DATE

WS 884-WS/9

W.O. 7423

