

Wastewater Treatment	Savage
No. of S.H.C.'s	119
No. of W.H.C.'s	110
Type of Lots	Single Family
No. of Lots	110

CONTRACT NO. 2860 D-W & S

DORSEY HALL

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

ITEM	QUANTITIES		MATERIAL/SUPPLIER
	BID	AS-BUILT	
8" Sewer	5975 L.F.	5424 L.F.	JOHNS MANVILLE
10" Sewer	500 L.F.	495 L.F.	JOHNS MANVILLE
Manholes	340 V.F.	29753 V.F.	C.C.P.
6" Water	3470 L.F.	3437 L.F.	U.S. PIPE
8" Water	1110 L.F.	1053 L.F.	U.S. PIPE
12" Water	1440 L.F.	1444 L.F.	U.S. PIPE
Fire Hydrants	10	10 Ea.	AMERICAN DARLING

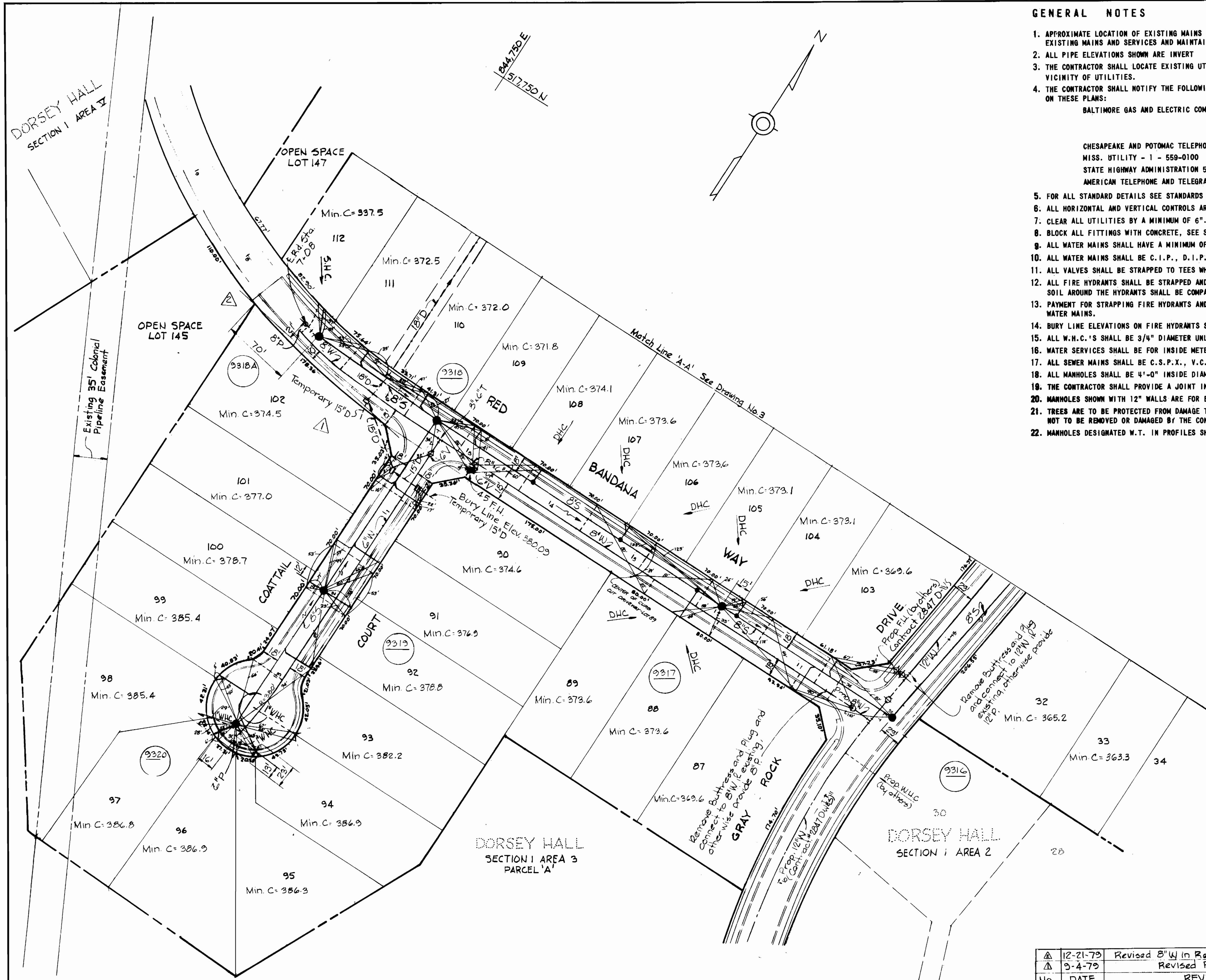
Dorsey Hall - Phase II
Section I Area 3
Contract No. 2860 D-W & S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND J. F. N... 6-8-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2860 D-W & S W. O. F... 6-8-79 CHIEF-BUREAU OF ENGINEERING - DATE	LOCATION MAP OF WATER & SEWER MAINS	ELECTION DISTRICT ELLCOTT CITY NO. 2	DRAWING NO. 1 OF 8 SCALE 1"=600'
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W.O. 7423

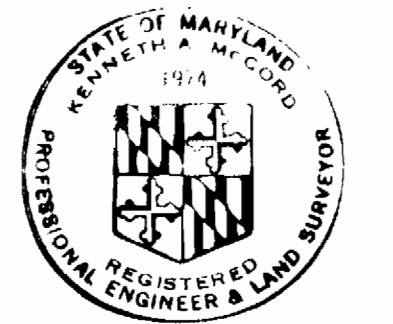
MAY 29, 1979

AS-BUILT FEB. 19, 1980



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 398-3648.
 - MISS. UTILITY - 1 - 559-0100
 - STATE HIGHWAY ADMINISTRATION 581-5538.
 - AMERICAN TELEPHONE AND TELEGRAPH - CABLE LOCATION DIVISION - 301-398-3553
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 3/2' 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 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

No.	DATE	REVISION
Δ	12-21-79	Revised 8" W in Red Bandana Way
Δ	9-4-79	Revised Plan

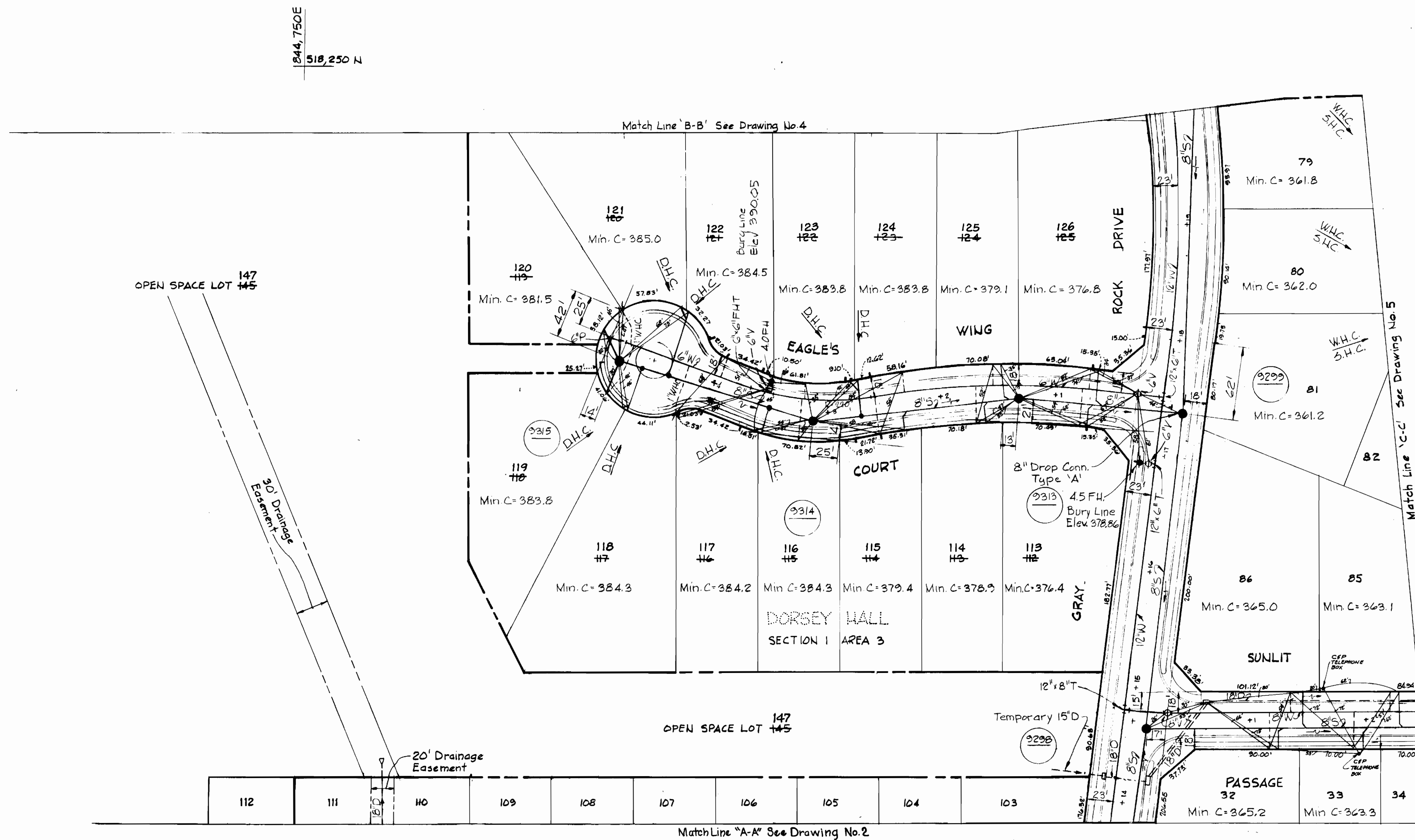
Dorsey Hall - Phase II
Section I Area 3
Contract No. 2860D-Wfs

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director: <i>W. O. Silbert</i> 6-8-79 Chief-Bureau of Engineering: <i>W. O. Silbert</i> 6-8-79	CONTRACT NO. 2860D-WBS	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 2 OF 8 SCALE: 1"=50'
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W. O. 7423

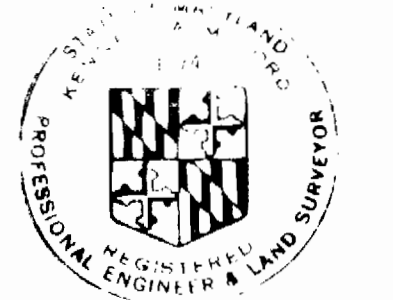
MAY 29, 1979

AS-BUILT FEB. 19, 1980



244,750 E
518,250 N

245,500 E
517,500 N



Anniston M. Lord

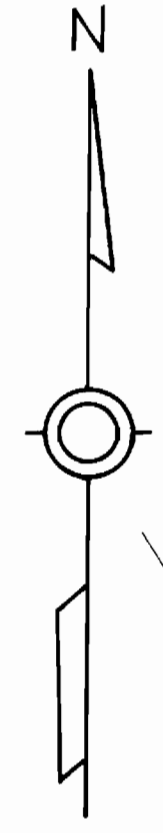
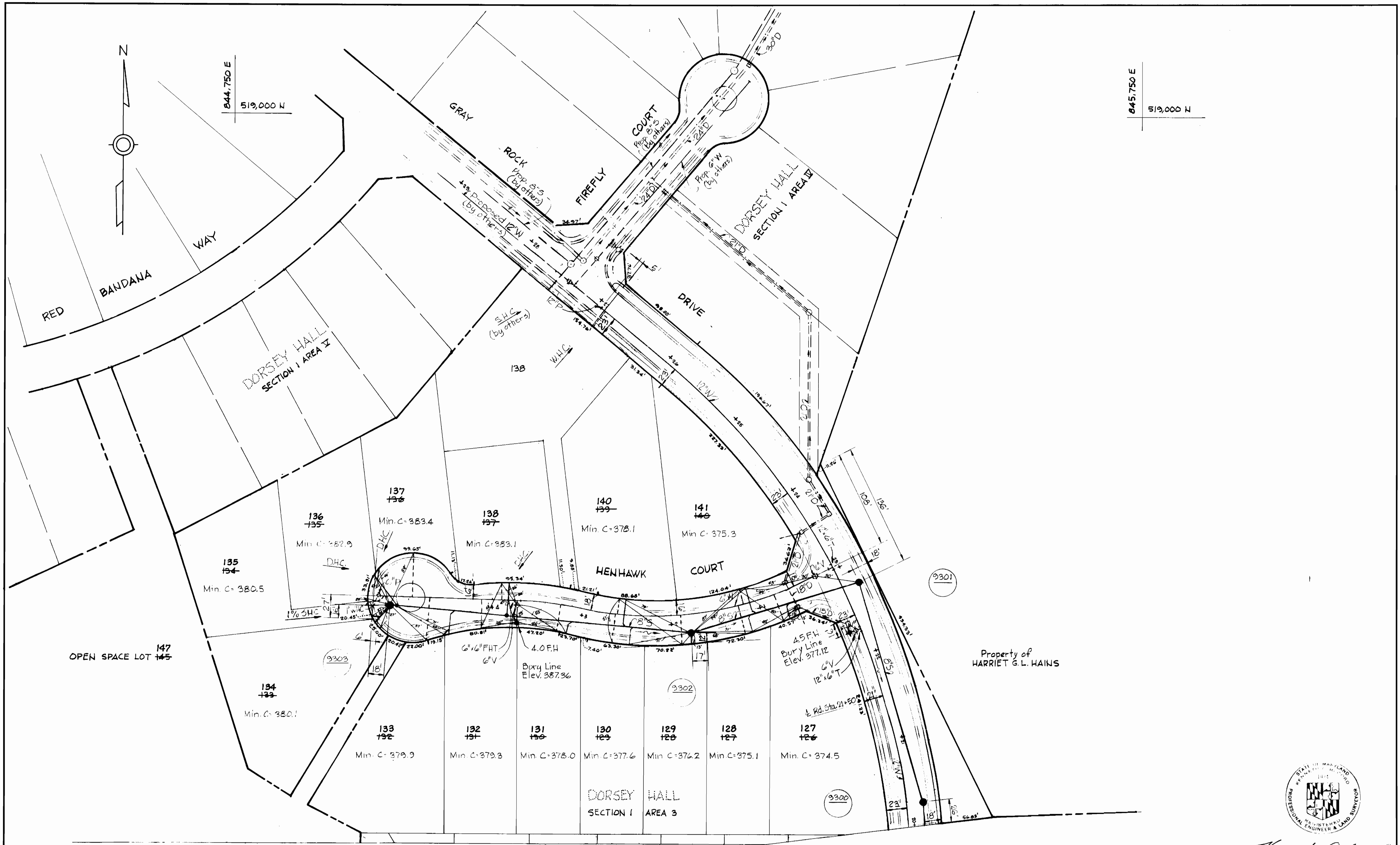
Dorsey Hall - Phase II
Section I Area 3
Contract No. 2860 D-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>W. O. Filled</i> 6-8-79 DIRECTOR OF PUBLIC WORKS - DATE CHIEF-BUREAU OF ENGINEERING - DATE	CONTRACT NO. <u>2860D-W&S</u>	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. <u>3</u>	SCALE 1" = 50'
					OF <u>8</u>	

W.O. 7423

MAY 29, 1979

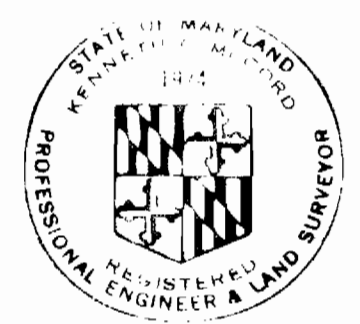
AS-BUILT FEB. 19, 1980



844,750 E
519,000 N

845,750 E
519,000 N

Match Line "B-B" See Drawing No. 3



Kenneth M. Lind

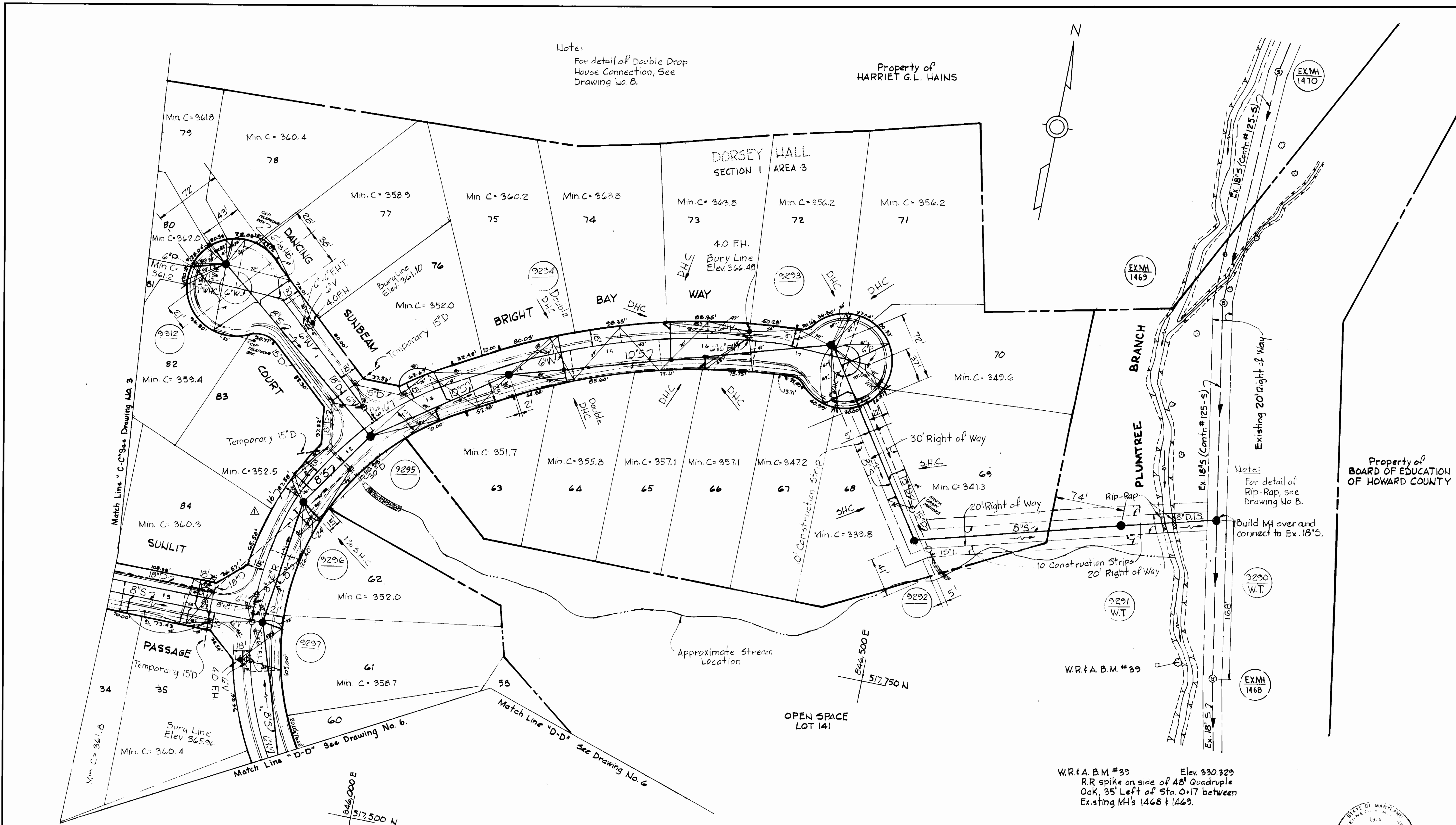
Dorsey Hall - Phase II
Section I Area 3
Contract No. 2860D-W15

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>John F. Nunn</i> 4-79 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2860D-W15 <i>W.O. Filled</i> 6-8-79 CHIEF-BUREAU OF ENGINEERING - DATE	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO.2	DRAWING NO. 4 OF 8 SCALE 1"=50'
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W. O. 7423

MAY 23, 1979

AS-BUILT FEB. 19, 1980



Note:
For detail of Double Drop House Connection, See Drawing No. 8.

Property of HARRIET G. L. HAINS

Property of BOARD OF EDUCATION OF HOWARD COUNTY

Note:
For detail of Rip-Rap, see Drawing No. 8.

W.R. & B.M. #39 Elev. 330.329
R.R. spike on side of 48' Quadruple Oak, 35' Left of Sta. 0+17 between Existing M.H.'s 1468 & 1469.



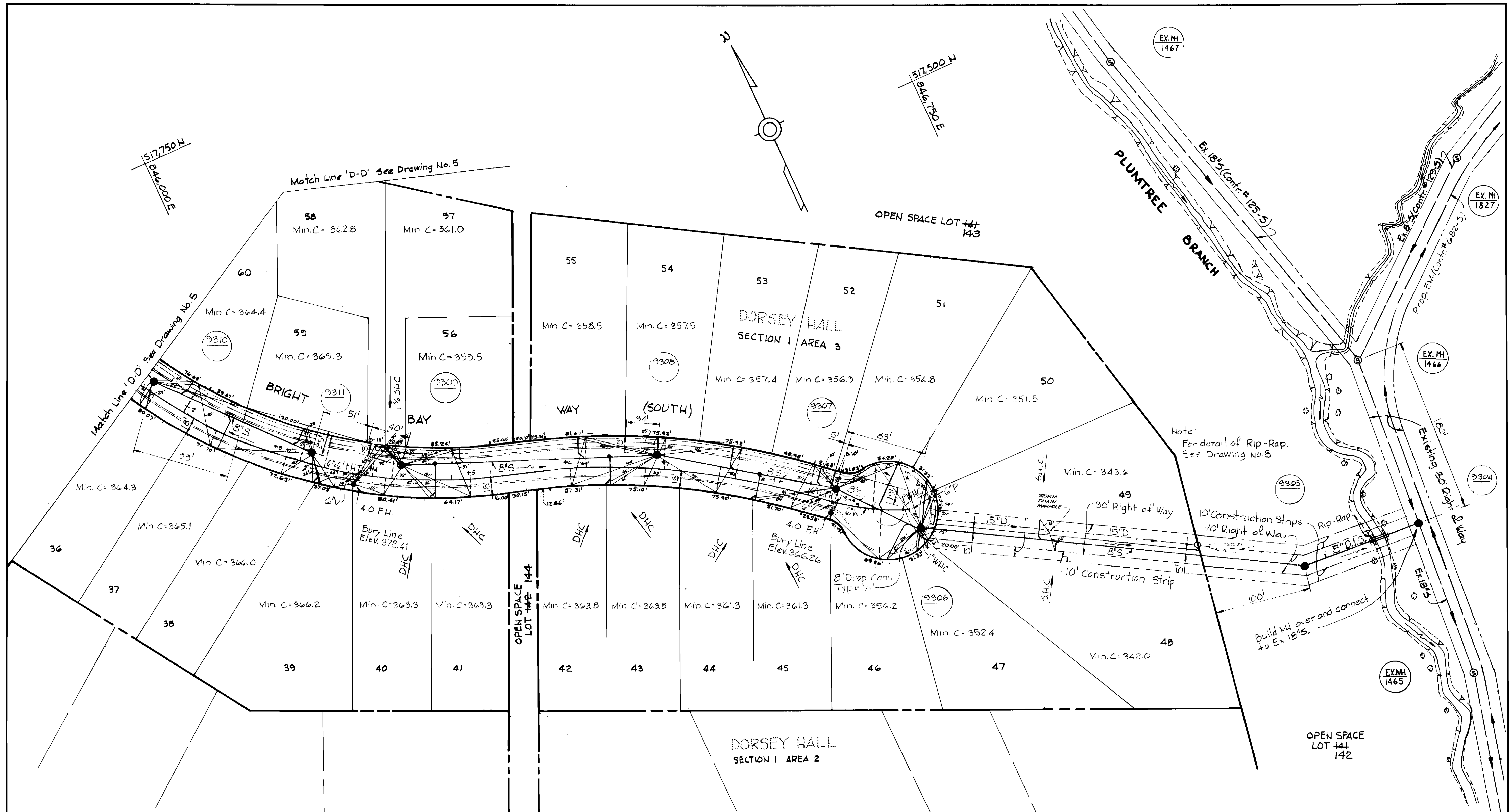
Kenneth J. McLeod

Δ	6/21/79	Move MH # 9296
No.	Date	REVISION

Dorsey Hall - Phase II
Section I Area 3
Contract No. 2860D-WTS

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>W. O. Gilbert</i> 6-8-79 Chief, Bureau of Engineering: <i>W. O. Gilbert</i> 6-8-79	CONTRACT NO. 2860D-WBS	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 5 OF 8	SCALE 1"=50'
					W. O. 7423	MAY 20, 1979

AS-BUILT FEB. 19, 1980



W.R. & A. B.M. #38 Elev. 328.272
 RR spike in root of 30" Oak,
 50' Left of Sta. 0+44 between
 Existing M's 1464 & 1465.



Kenneth M. Lewis

Dorsey Hall - Phase II
 Section I Area 3
 Contract No. 2860D-W&S

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
W. O. Falbert 6-8-79
 DIRECTOR OF PUBLIC WORKS - DATE CHIEF-BUREAU OF ENGINEERING - DATE

CONTRACT NO. 2860D-W&S

PLAN OF
WATER & SEWER MAINS

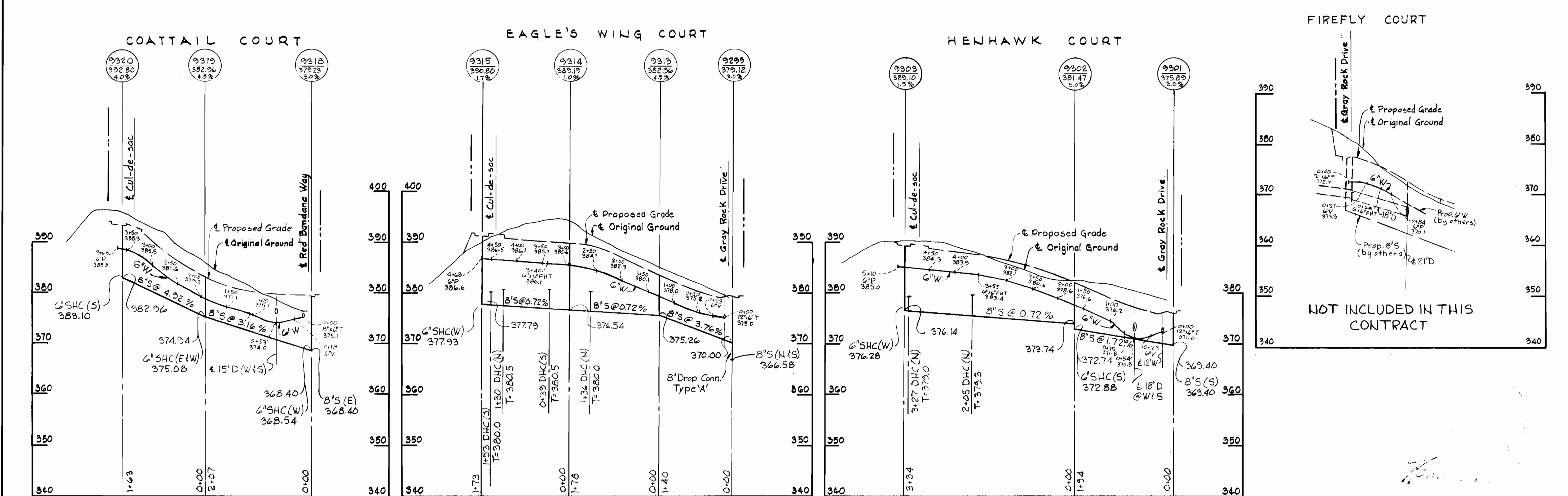
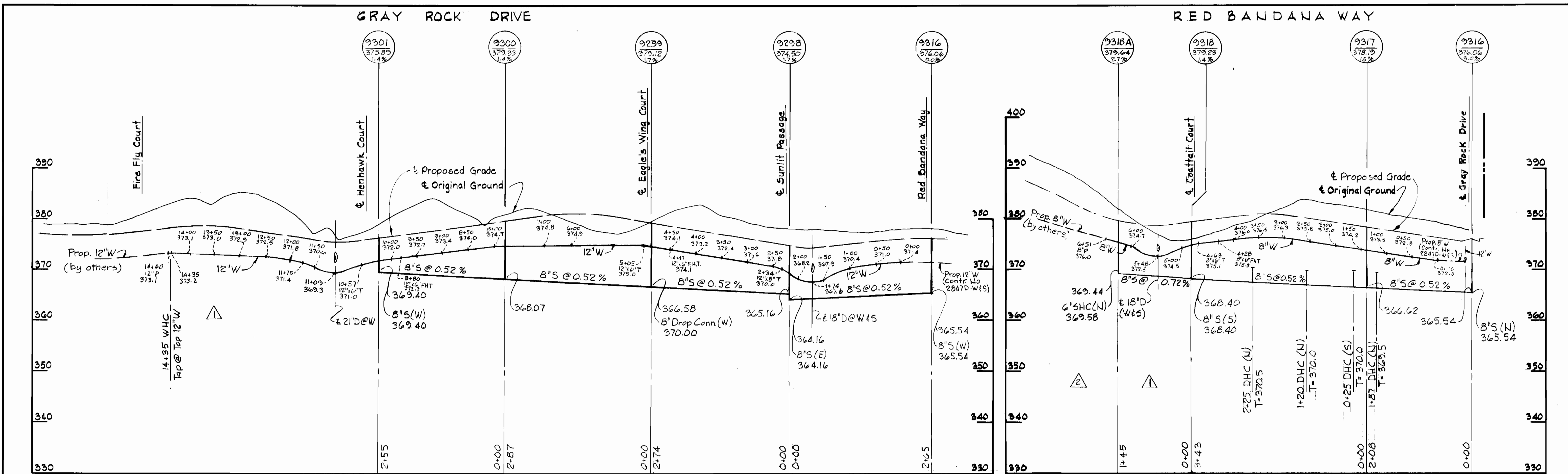
ELECTION DISTRICT
ELLCOTT CITY NO. 2

DRAWING	SCALE
NO. 6	1"=50'
OF 8	

W. O. 7423

MAY 29, 1979

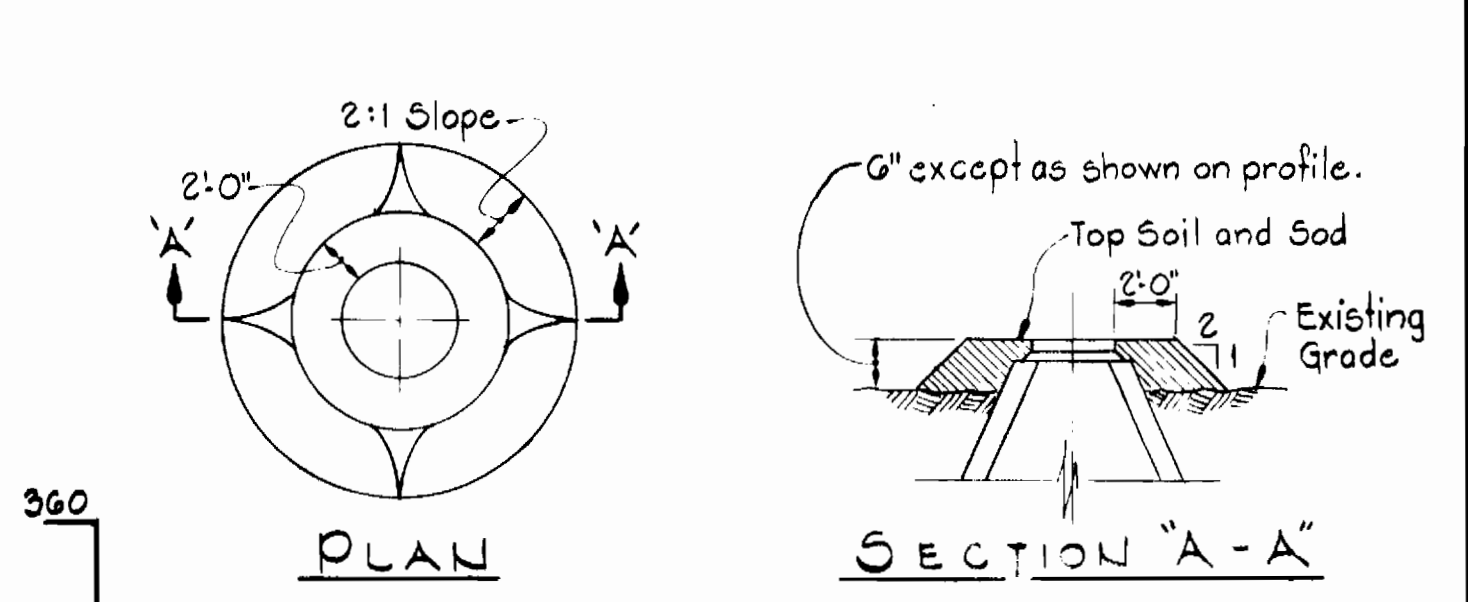
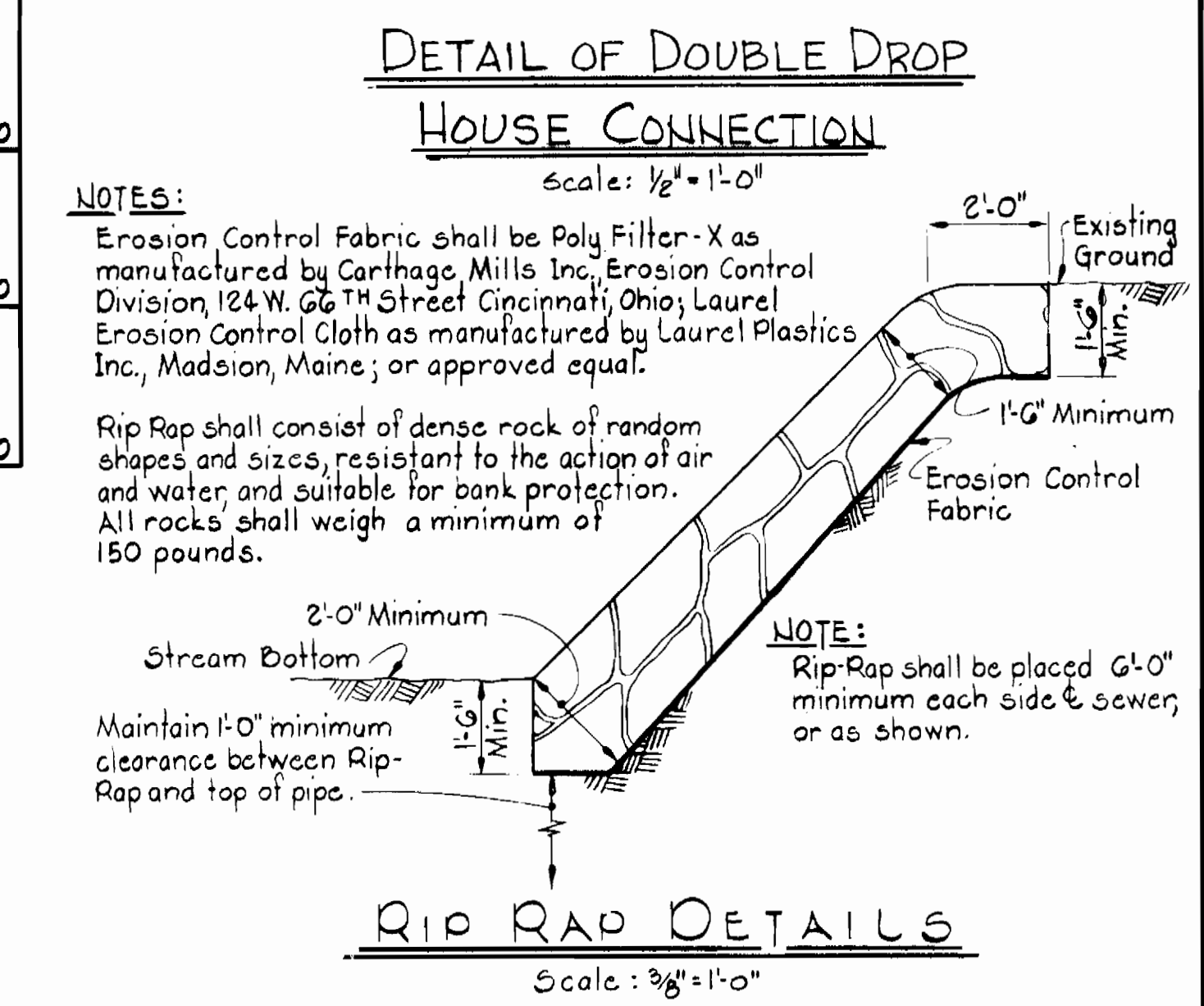
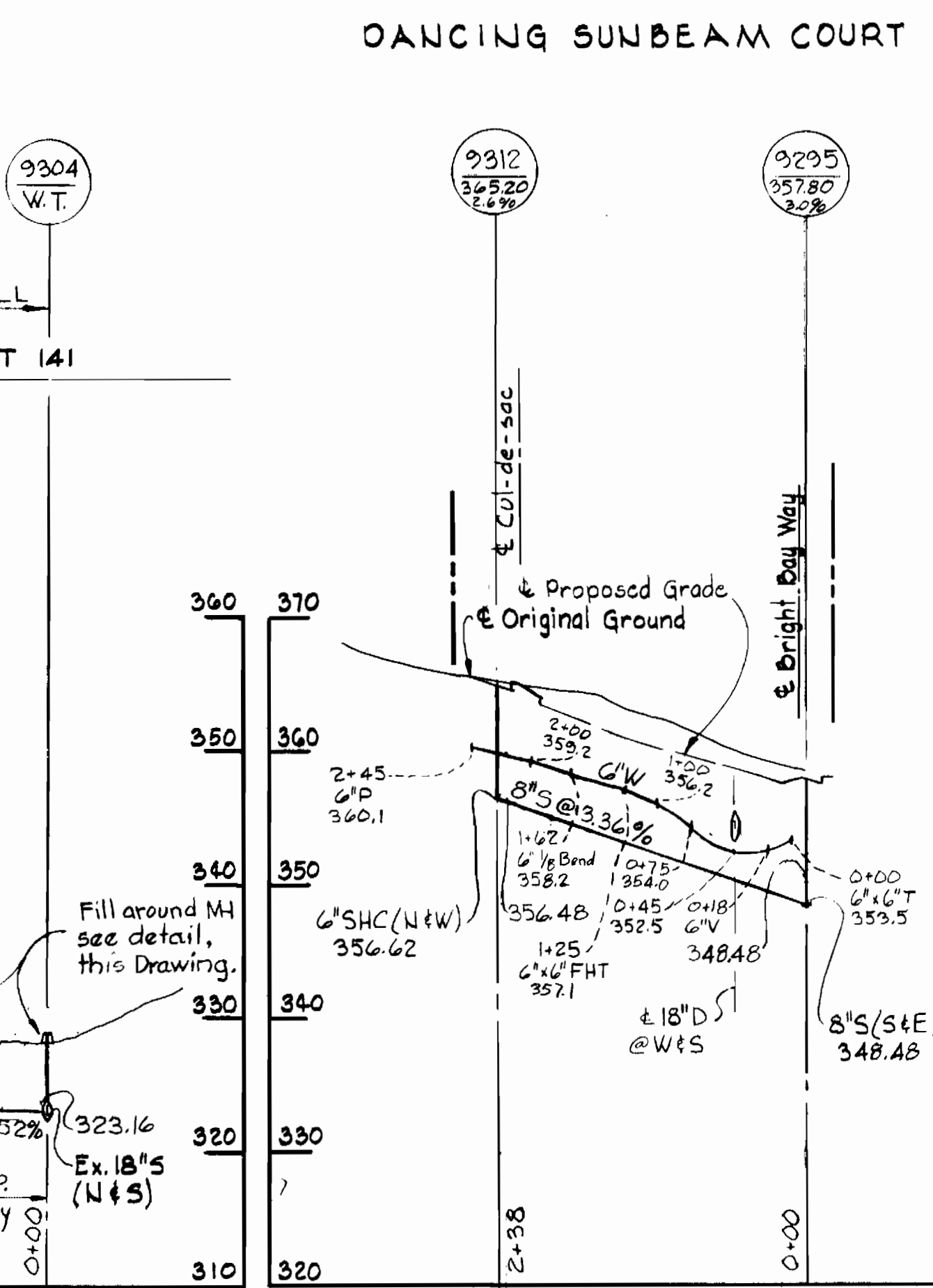
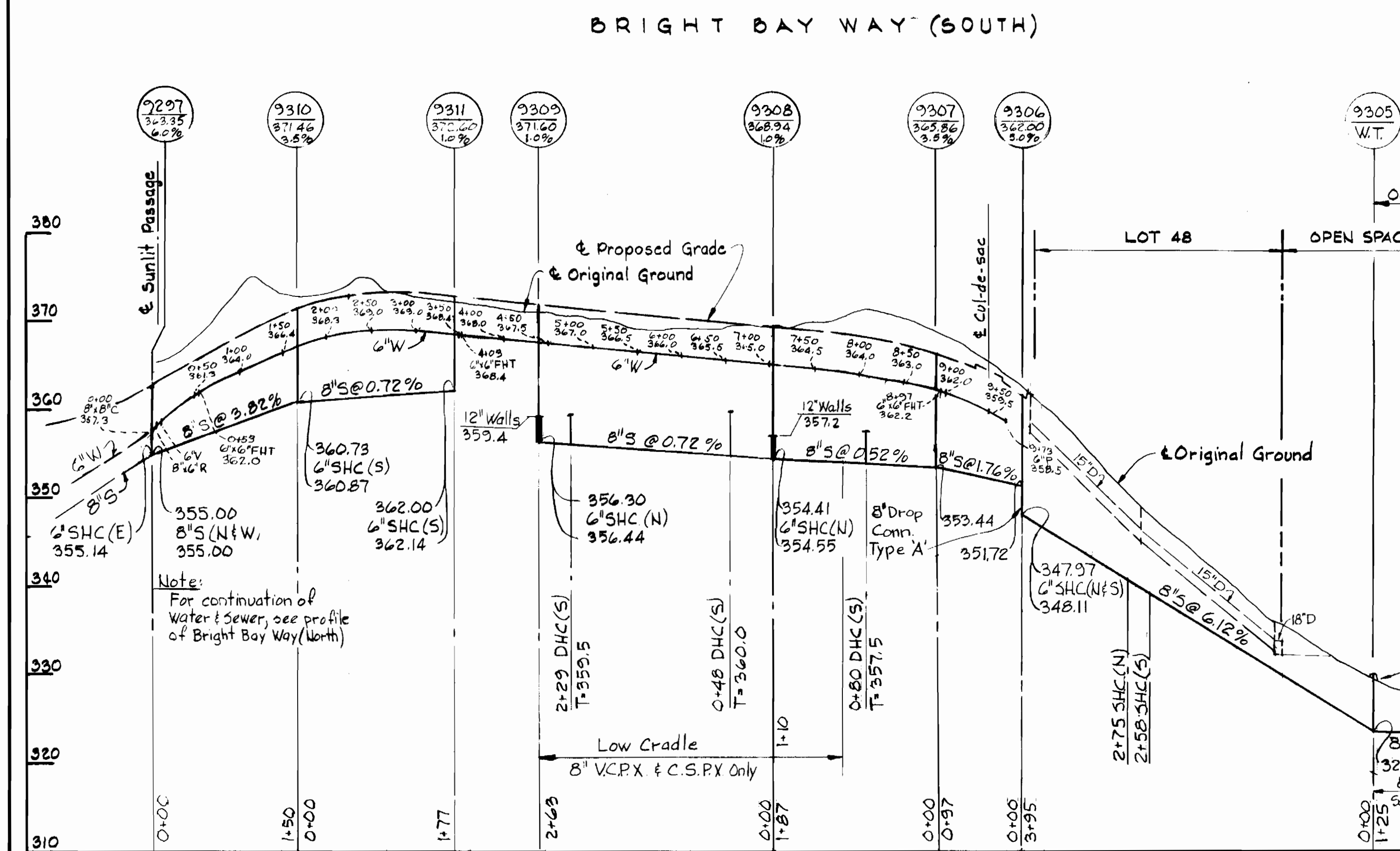
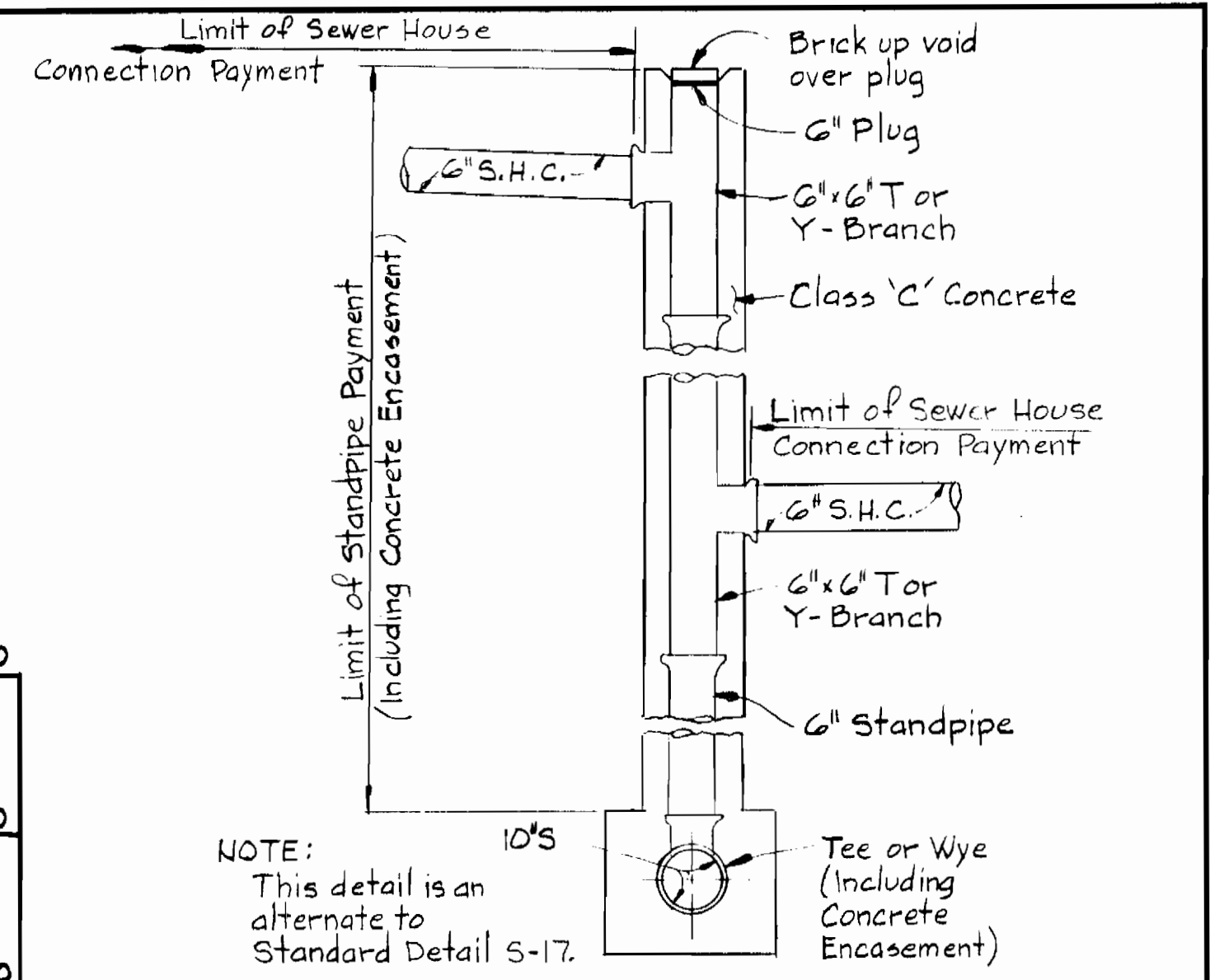
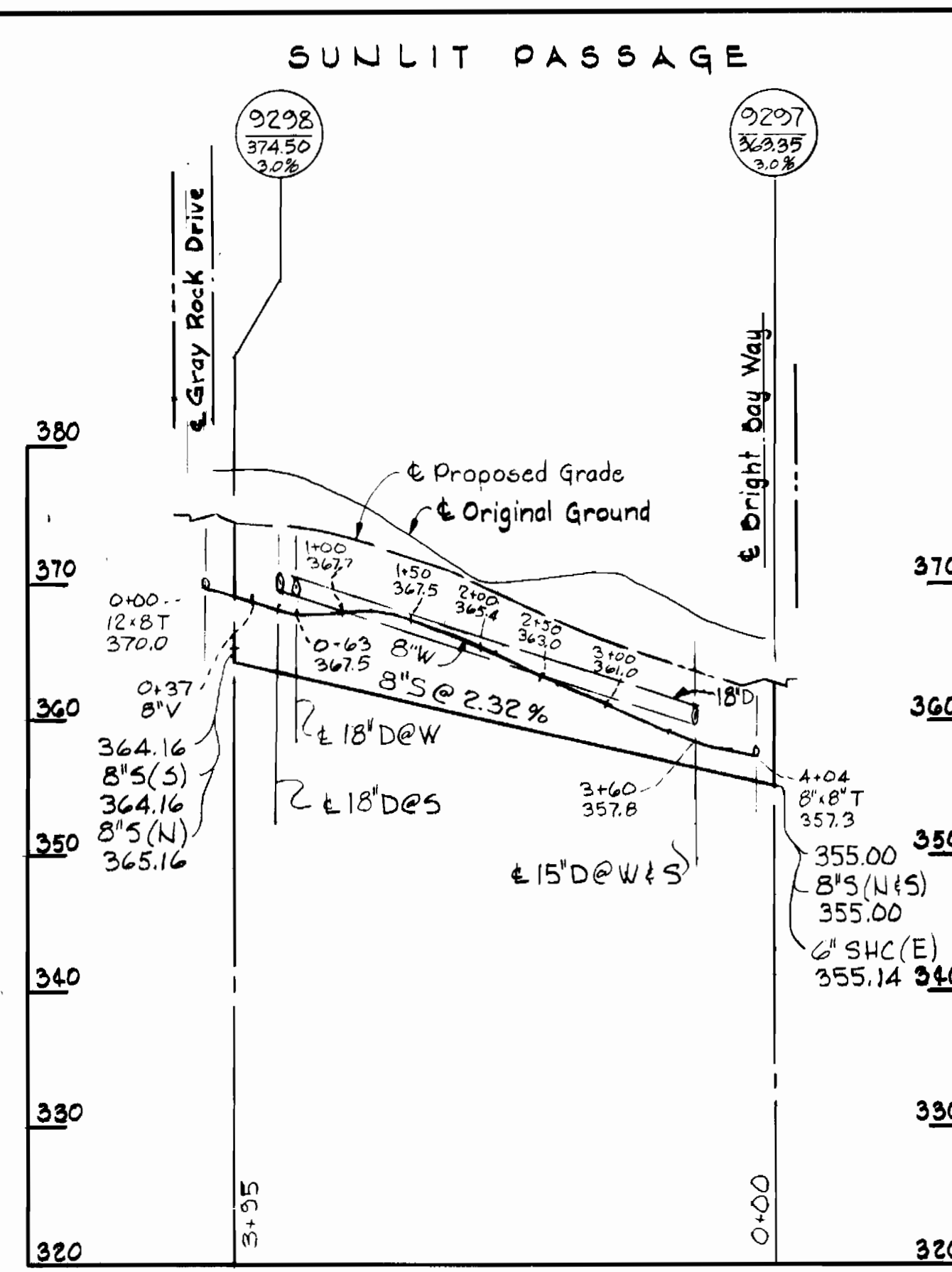
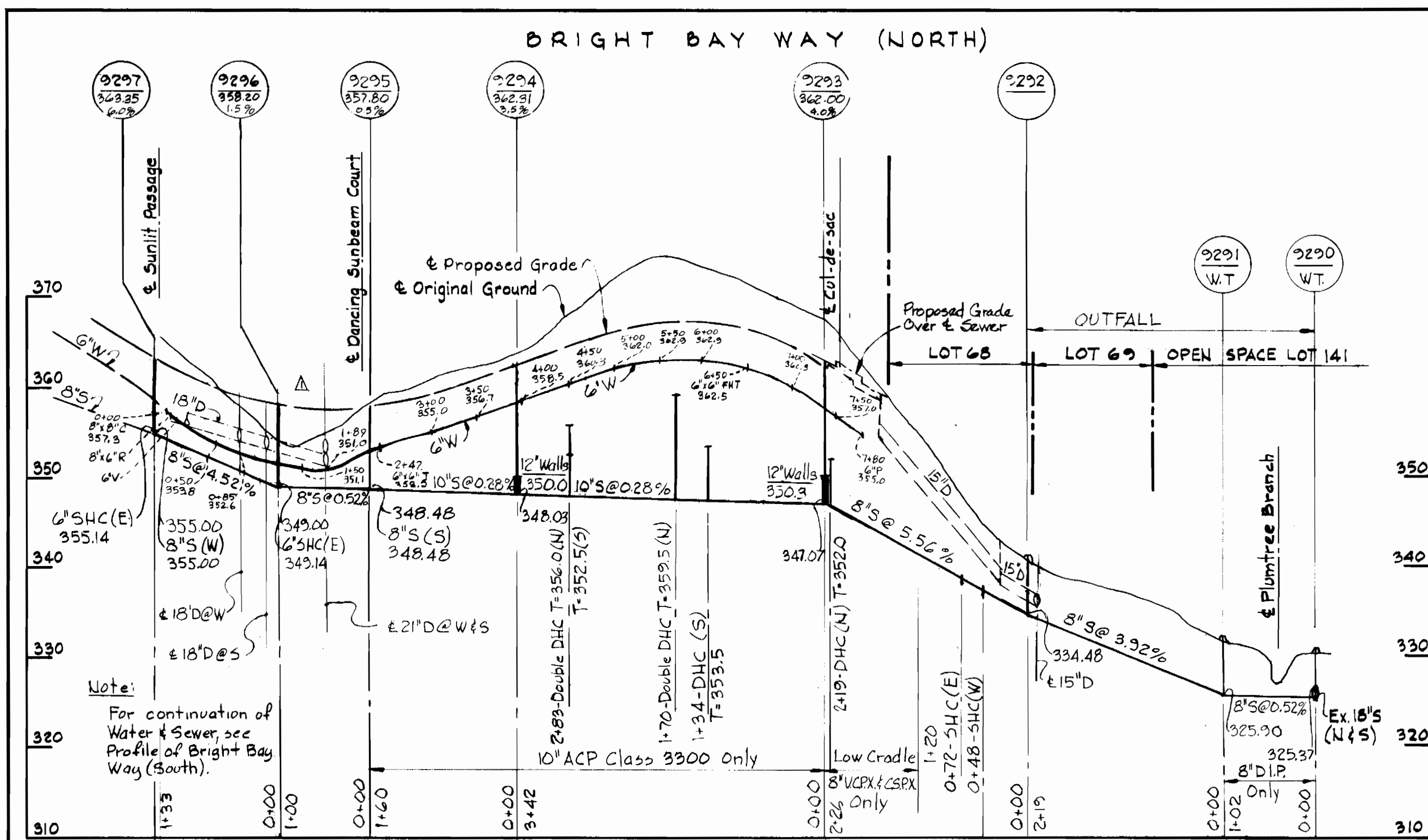
AS-BUILT FEB. 19, 1980



12-21-79	Revised 8"W in Red Bandana Way	Dorsey Hall - Phase II Section 1 Area 3 Contract No. 2860D-WIS
9-4-79	Revised 12"W Gray Rock Drive & Extended 8"S-Red Bandana Way	
No.	DATE	REVISION

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director: F. Nunnery 6-8-79 Chief-Bureau of Engineering: W.O. Filbert 6-8-79	CONTRACT NO. 2860D-W8S	PROFILE OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 7	SCALE H=1"=100' V=1"=10'
					OF 8	

AS-BUILT FEB. 19, 1980



FILL AT MANHOLE NOS. 9290, 9291, 9292, 9304, 9305

Scale: 1/8" = 1'-0"

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>W. F. Nunn</i> 6-8-79 Chief-Bureau of Engineering: <i>W. O. Fallick</i> 6-8-79	CONTRACT NO. 2860D-W8S	PROFILE & DETAILS OF WATER & SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	No. 6/21/79	Revised 6" W - Bright Bay Way (North)	Dorsey Hall - Phase II Section 1 Area 3 Contract No. 2860D-W8S
					Date	REVISION	
W.O. 7423					DRAWING NO. 8 OF 8	AS SHOWN	MAY 29, 1979