

VICINITY MAP  
SCALE: 1"=600'

No. of Lots - 48  
Type of Bldg. Single Family  
No. of WHC: 49  
No. of SHC: 52  
Drainage Area - Patapsco

Water Code - D06  
Sewer Code - Z550000

GENERAL NOTES

- The approximate locations of existing utilities are shown. The Contractor shall take all necessary precautions to protect existing utilities and to maintain uninterrupted service. Any damage incurred due to Contractor's operation shall be repaired immediately at Contractor's expense.
- All horizontal controls are based on Maryland States Coordinates.
- All vertical controls are based on U.S.G.S. datum.
- All pipe elevations shown are invert elevations.
- All utilities shall be cleared by a min. of 6". All utility poles shall be cleared by a min. of 2'-0" or tunneled if required. Cost for tunneling or bracing poles shall be included in the unit prices bid for excavation and backfill for water mains.
- For all standard details, see standard bound in the specifications.
- The Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
- The Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these drawings:  
Bal. Gas & Elec. - Underground Electric Distribution Engineering - 234-5891.  
Underground Gas Distribution Engineering - 234-5533.  
Miss Utility - 559-0100.  
Chesapeake & Potomac Telephone Co. - 725-2366.  
Bureau of Utilities - 997-2366.
- Trees shall be protected from damage to a max. extent. Trees located within construction strips shall not be removed or damaged by the Contractor.
- The Contractor shall remove tree stumps and roots along the line of excavation as directed by the Engineer. Cost for such removal shall be included in the unit prices bid for excavation and backfill for water mains and sewer mains.
- The Contractor shall place regulation "Men Working" and warning signs as required to comply with MSHA Manual of Traffic Control for Highway Construction and Maintenance Operations.
- All water mains shall be C.I.P. or D.I.P., unless otherwise noted.
- The top of all water mains shall have a min. of 3'-6" cover unless otherwise noted.
- All valves shall be strapped to the tees in accordance with standard details.
- All water main fittings shall be buttressed or anchored with concrete in accordance with standard details.
- All fire hydrants shall be strapped to the tees and shall be buttressed with concrete in accordance with standard details. The cost of strapping fire hydrants and valve shall be included in the unit price bid for furnishing and installing fire hydrants and soil shall be compacted in accordance with Sec. 3.01.3.15 of the standard specifications. Fire hydrant bury line elevation shall be set to the elevation shown on the drawing.
- All water house connections shall be for inside meter settings.
- All sewer mains shall be C.S.P.X., Y.C.P.X., A.C.P. Class 2400 or P.V.C. unless otherwise noted.
- The Contractor shall provide a joint in all sewer mains within 2'-0" of the exterior manhole walls.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- All dual water house connections shall be 3/8" meter in accordance with standard detail W-3.23.
- All copper water house connections, utilize flared type fittings only.

QUANTITIES			
ITEM	ESTIMATED	AS BUILT	MATERIAL / SUP
8" W (L.F.)	2039	1614 L.F.	ATLANTIC CIP / AIP
1" DWHC (L.F.)	382	325 L.F.	W COPPER 30PT. VINCENT BRASS / ALSTEAD
3/4" WHC (L.F.)	280	543 L.F.	W COPPER 30PT. VINCENT BRASS / ALSTEAD
8" S (L.F.)	2723	2538 L.F.	CERTAIN TEED / AIP
6" SHC (L.F.)	789	994 L.F.	CERTAIN TEED / AIP
MANHOLES (V.F.)	138	103 V.F.	ATLANTIC PRECAST
G.W. (L.F.)	65	47.5 L.F.	ATLANTIC CIP / AIP
F.H.	5	5	MUELLER CO. / AIP
8" VALVE	6	6	MUELLER CO. / AIP

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

James M. [Signature] 10-5-83  
DIRECTOR OF PUBLIC WORKS DATE

Robert M. [Signature] 10-5-83  
CHIEF BUREAU OF UTILITIES DATE

Walter [Signature] 10-5-83  
CHIEF - BUREAU OF ENGINEERING DATE

Walter [Signature] 10-5-83  
CHIEF - LAND DEVELOPMENT DIV. DATE

PURDUM & JESCHKE  
ENGINEERS  
1023 N. CALVERT ST  
BALTIMORE MARYLAND

CONTRACT NO. 14-1158-D

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ART. NO. 15 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER ROAD CONSTRUCTION PLAN F-84-13

HOWARD SOIL CONSERVATION DISTRICT:  
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:  
James M. [Signature] 10-6-83  
U.S. SOIL CONSERVATION SERVICE. DATE

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
Walter [Signature] 10-6-83  
HOWARD SOIL CONSERVATION DISTRICT DATE

PLAN  
1"=50'

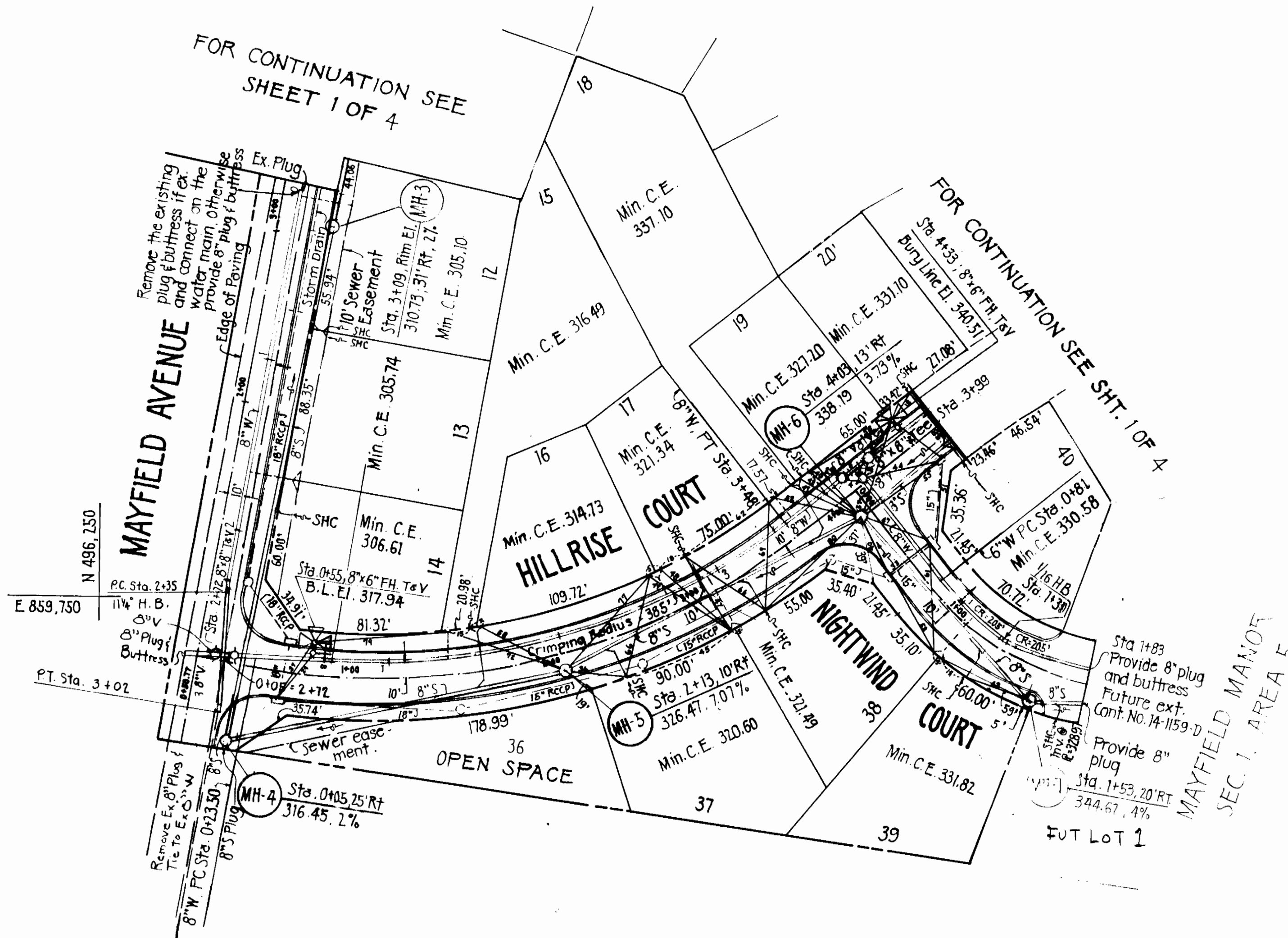
PLAN  
WATER AND SEWER MAINS



MAYFIELD MANOR, SEC. 1, AREA 4, LOTS 1-51  
1st ELECTION DISTRICT  
HOWARD CO., MARYLAND

2-9-84	MH 3 & 10, Ex. PIPE	S.B.
12-8-83	cellar elev. & Inv. @ P	ART
DATE	REVISION	BY

DRAWING NO. 1 OF 4  
SCALE AS SHOWN  
DWN. F.S.B.  
DES. ART  
CHD. ART



LOT NO.	INV. ELEV. @ P.
1	281.56 *
2	282.92 *
3	284.72 *
4	288.77 *
5	288.77 *
6	291.19 *
7	291.19 *
8	293.78 *
9	293.78 *
10	299.70 *
11	299.70 *
12	302.19 *
13	302.19 *
14	303.77 *
15	310.91
16	310.91
17	318.42
18	324.30
19	324.30
20	328.16
21	334.81
22	334.81
23	328.44
24	328.44
25	318.65

Note: \* Invert @ easement line

N 495,000	E 860,000
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N 495,500	E 859,750
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LOT NO.	INV. ELEV. @ P.
26	315.19
27	312.97
28	306.89
29	302.69
30	301.24
31	300.01
32	298.17
34	295.67
35	294.02
36	OPEN SPACE
37	317.66
38	318.59
39	328.82
40	334.45
41	327.41
42	339.91
43	339.86
44	340.28
45	331.30
46	322.17
47	314.39
48	312.90
49	304.94
50	304.94
51	OPEN SPACE

PLAN  
1" = 50'

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HOWARD SOIL CONSERVATION DISTRICT:  
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:

*James M. Helms* 10-6-83  
US. SOIL CONSERVATION SERVICE DATE

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

*William J. ...* 10-6-83  
HOWARD SOIL CONSERVATION DISTRICT DATE



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

James M. Helms 10-6-83  
DIRECTOR OF PUBLIC WORKS DATE

Robert M. Reinger 10-5-83  
CHIEF - BUREAU OF UTILITIES DATE

William J. ... 10-6-83  
CHIEF - BUREAU OF ENGINEERING DATE

William J. ... 10-6-83  
CHIEF - LAND DEVELOPMENT DIVISION DATE

Revisions 2-9-84 SHOW EX. 8" W. Relocation

PURDUM & JESCHKE  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

CONTRACT NO. 14-1158-D

PLAN  
WATER AND SEWER MAINS

MAYFIELD MANOR, SEC. I, AREA 4, LOTS 1-51  
1st ELECTION DISTRICT  
HOWARD CO., MARYLAND

DRAWING NO. 2	SCALE AS SHOWN	DRW. FSB
OF 4		DES. ART
		CHD. ART

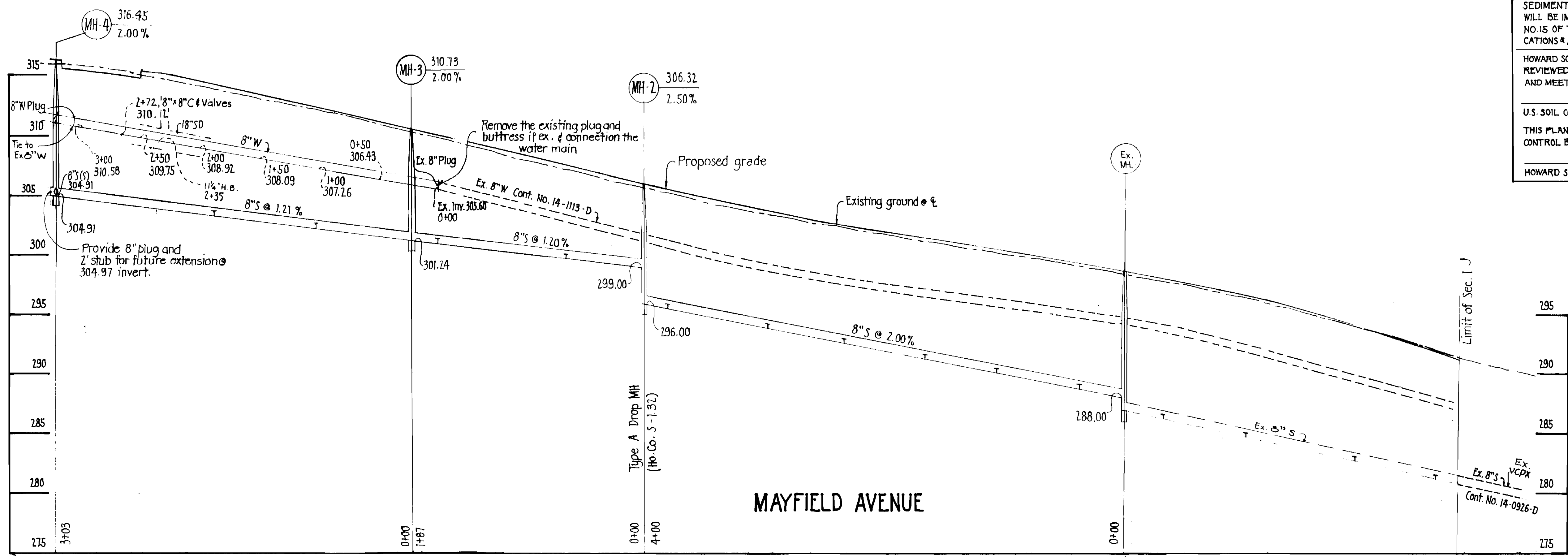
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HOWARD SOIL CONSERVATION DISTRICT:  
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:

U.S. SOIL CONSERVATION SERVICE      DATE

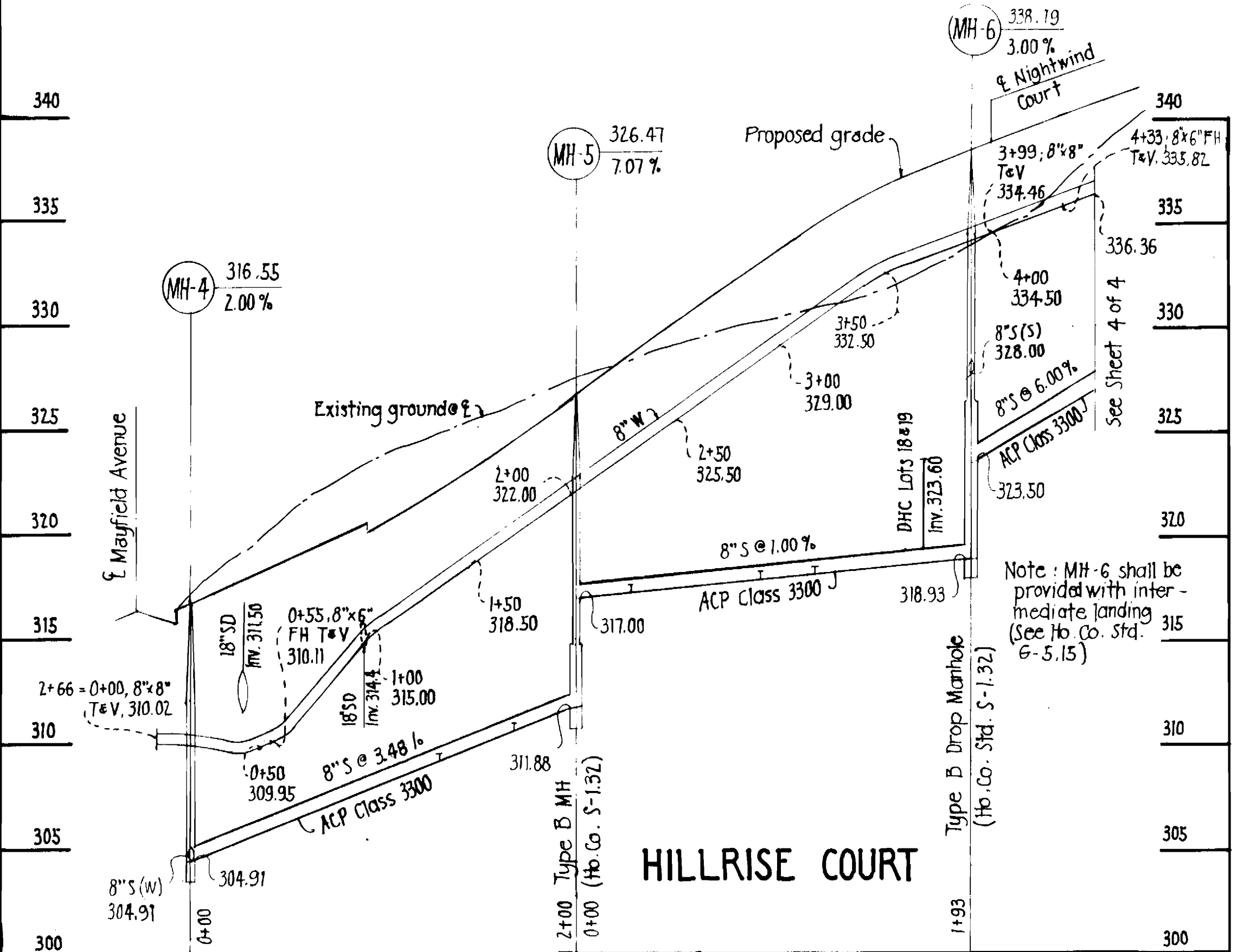
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HOWARD SOIL CONSERVATION DISTRICT      DATE

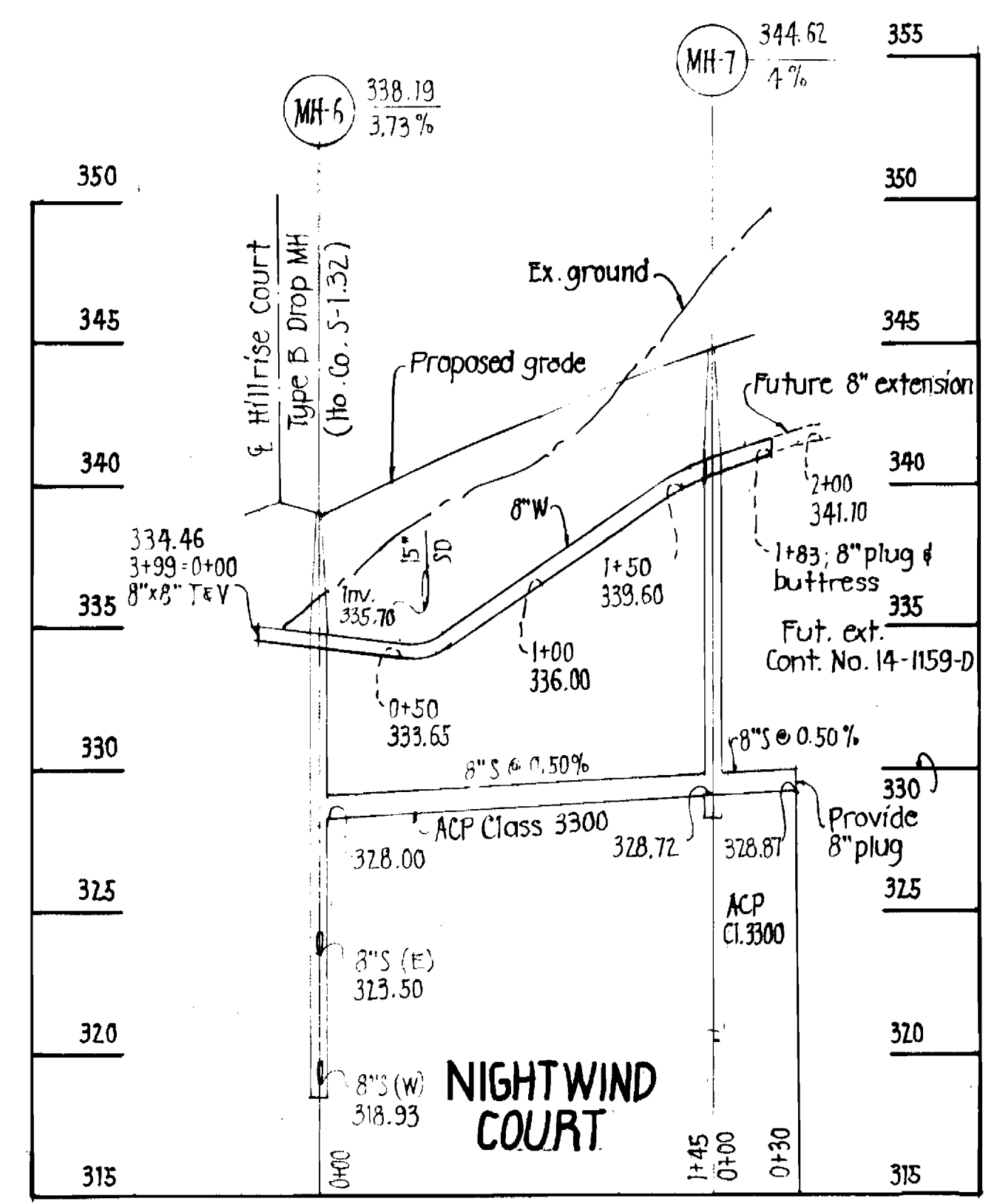


MAYFIELD AVENUE

SCALE: HOR. 1"=50'  
VERT. 1"=5'



HILLRISE COURT



NIGHTWIND COURT



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

James M. [Signature] 10/1/83  
DIRECTOR OF PUBLIC WORKS      DATE

Robert M. Purdum 10-5-83  
CHIEF - BUREAU OF UTILITIES      DATE

Chief - Bureau of Engineering      DATE

Chief - Land Development Division      DATE

PURDUM & JESCHKE  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

CONTRACT NO. 14-1158-D

PROFILE  
WATER AND SEWER MAINS

MAYFIELD MANOR, SEC. I, AREA 4, LOTS 1-51  
1st ELECTION DISTRICT  
HOWARD CO., MARYLAND

Revision 2-1-84 Relocated Ex 8" S	DRAWING NO. 3 OF 4	SCALE AS SHOWN	DWN: FSB DES: ART CHD: ART
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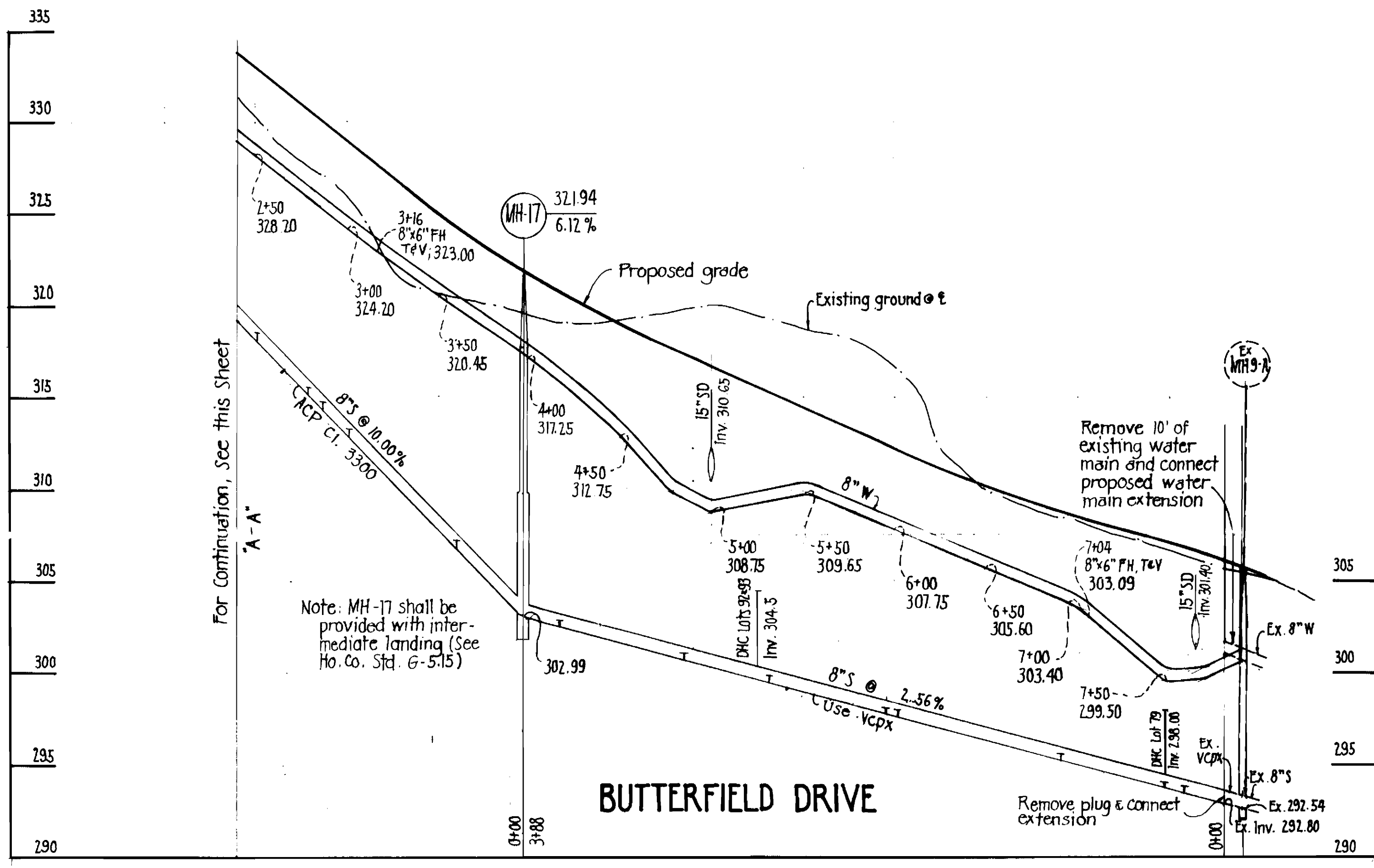
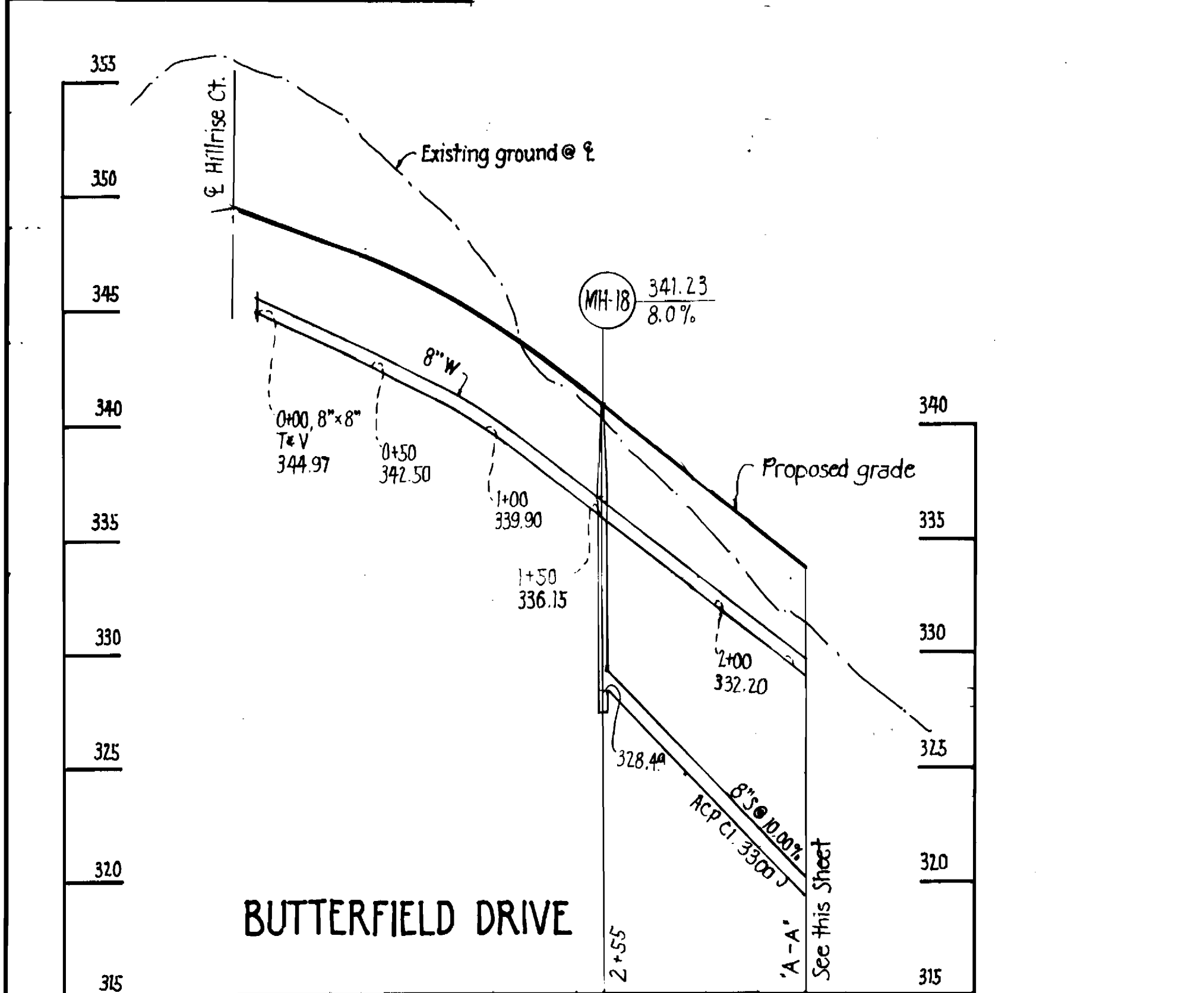
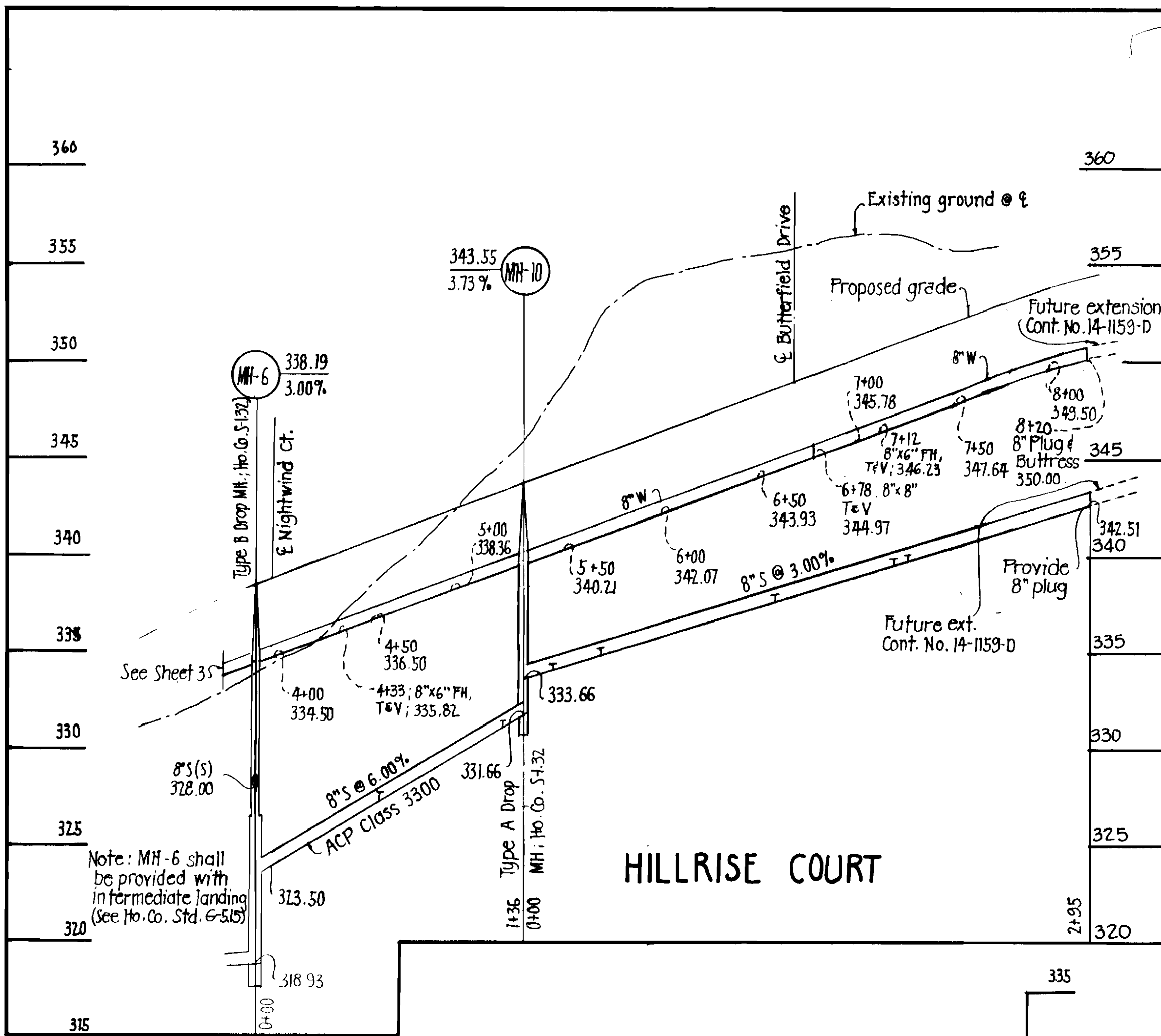
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HOWARD SOIL CONSERVATION DISTRICT      DATE



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

Director of Public Works: James M. [Signature] 10-7-83  
Date: 10-7-83

Chief - Bureau of Engineering: [Signature] 10-7-83  
Date: 10-7-83

Chief - Bureau of Utilities: Robert M. [Signature] 10-5-83  
Date: 10-5-83

Chief - Land Development Div.: [Signature] 10-7-83  
Date: 10-7-83

PURDUM & JESCHKE  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE MARYLAND

CONTRACT NO. 14-1158-D

PROFILE  
WATER AND SEWER MAINS

MAYFIELD MANOR, SEC 1, AREA 4, LOTS 1-51  
1st ELECTION DISTRICT  
HOWARD CO., MARYLAND

DRAWING NO. 4 OF 4

SCALE: HOR. 1"=50', VERT. 1"=5'

DRW. E.S.B.  
DES. ART.  
CHD. ART.

