

# COLUMBIA

ELECTION DISTRICT 5

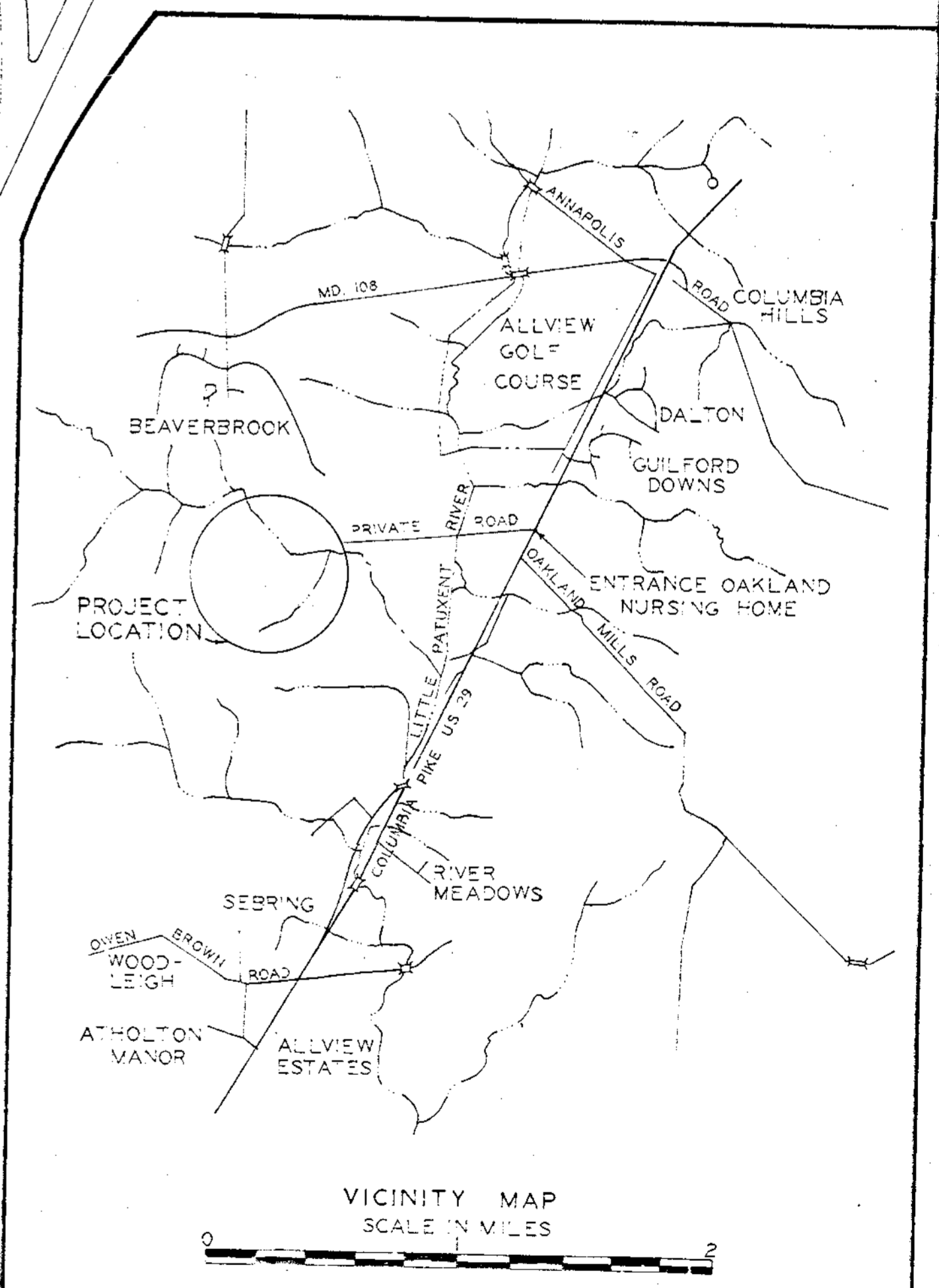
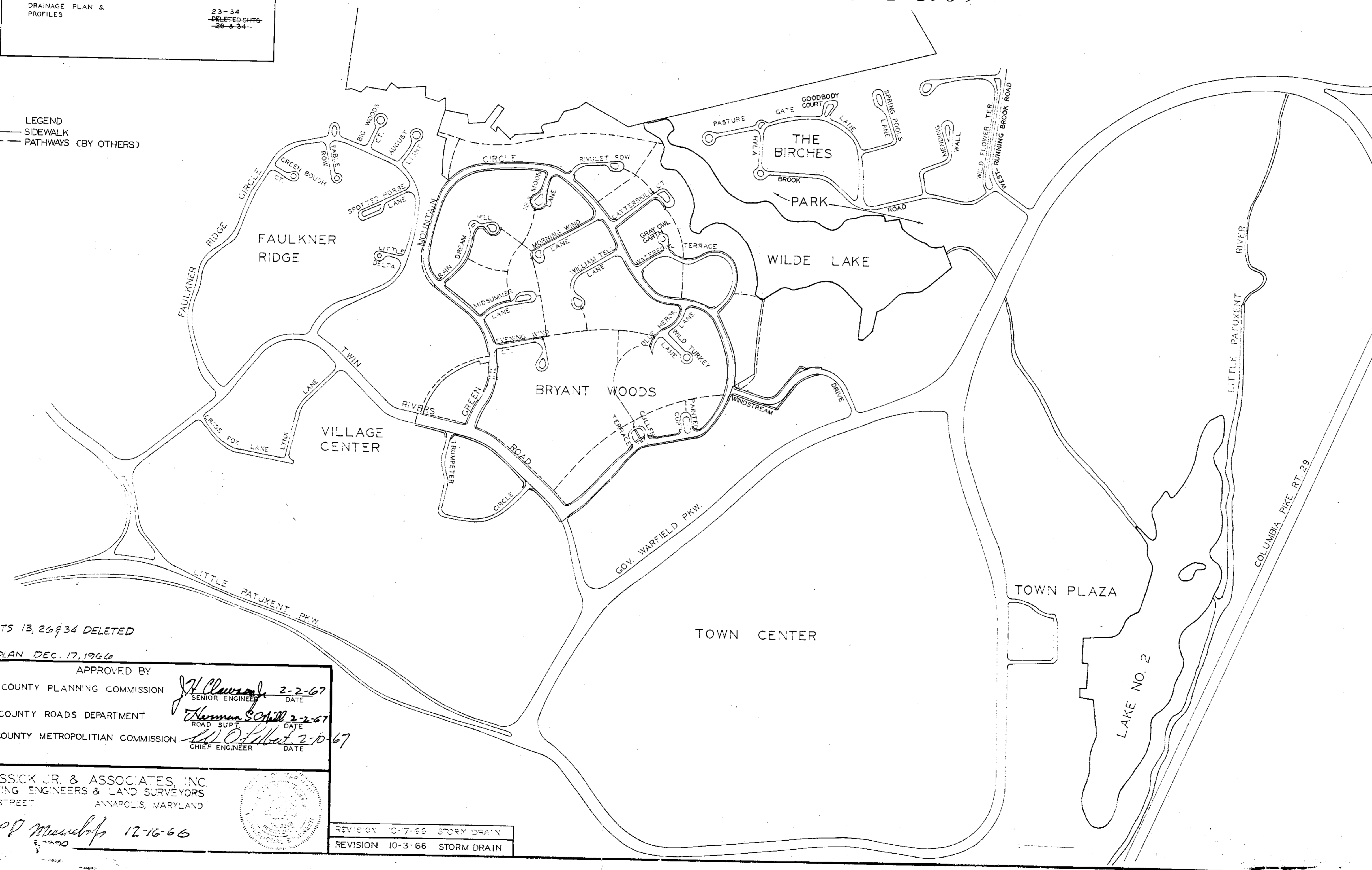
## VILLAGE OF WILDE LAKE BRYANT WOODS HOWARD COUNTY MARYLAND

AUGUST 1966

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967  
*H.C.P.*

DESCRIPTION	STREET NAME	SHEET NO.
TITLE		1
DETAILS	TYPICAL SECTIONS	2
PLAN & PROFILE	TWIN RIVERS ROAD	3
PLAN & PROFILE	TWIN RIVERS ROAD	4
PLAN & PROFILE	MINIBUS ROUTE	5
PLAN & PROFILE	MINIBUS ROUTE	6
PLAN & PROFILE	GREEN MOUNTAIN CIRCLE	7,8,9,10,11
PLAN & PROFILE	CULLEN TERRACE	12
PLAN & PROFILE	PAINTED CUP	12
PLAN & PROFILE	WINDSTREAM DRIVE	13 (DELETED)
PLAN & PROFILE	WATERFOWL TERRACE	14
PLAN & PROFILE	BLUE HERON LANE	15
PLAN & PROFILE	WILD TURKEY LANE	15
PLAN & PROFILE	WILLIAM TELL LANE	16
PLAN & PROFILE	MORNING WIND LANE	17
PLAN & PROFILE	NEW MOON PLACE	17
PLAN & PROFILE	RIVULET ROW	18
PLAN & PROFILE	CATTERSKILL COURT	18
PLAN & PROFILE	RAIN DREAM HILL	19
PLAN & PROFILE	MIDSUMMER LANE	20
PLAN & PROFILE	EVENING WIND COURT	21
DETAILS	DRAINAGE DETAILS	22
DRAINAGE PLAN & PROFILES		23-34 DELETED SHEETS 26 & 34

LEGEND  
— SIDEWALK  
- - - PATHWAYS (BY OTHERS)



NOTE:  
SHEETS 13, 26 & 34 DELETED

REVISED PLAN DEC. 17, 1966

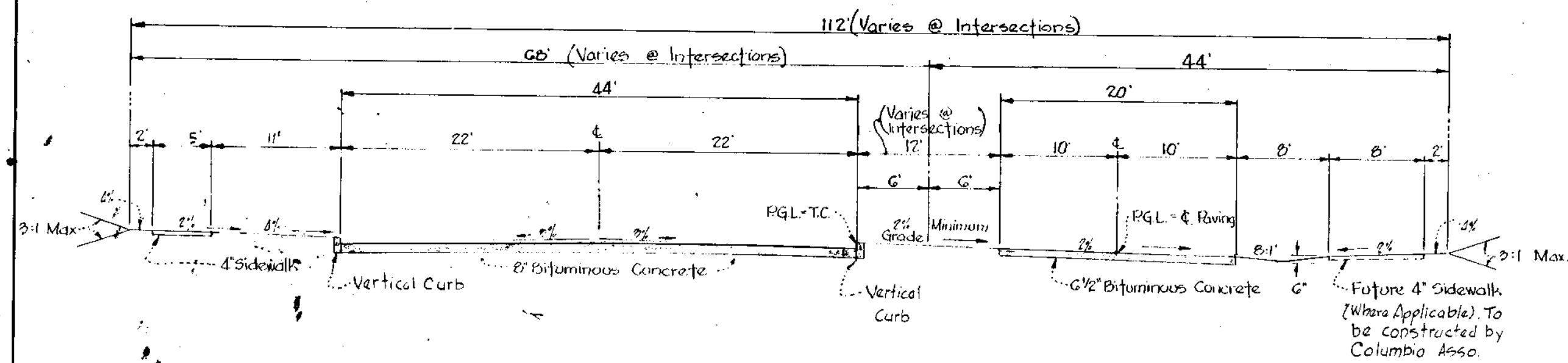
APPROVED BY  
HOWARD COUNTY PLANNING COMMISSION *J.H. Clouston* 2-2-67  
SENIOR ENGINEER DATE  
HOWARD COUNTY ROADS DEPARTMENT *Norman Schill* 2-2-67  
ROAD Supt. DATE  
HOWARD COUNTY METROPOLITAN COMMISSION *W.O. Hart* 2-10-67  
CHIEF ENGINEER DATE

C.D. VESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND

*CP Messick* 12-16-66

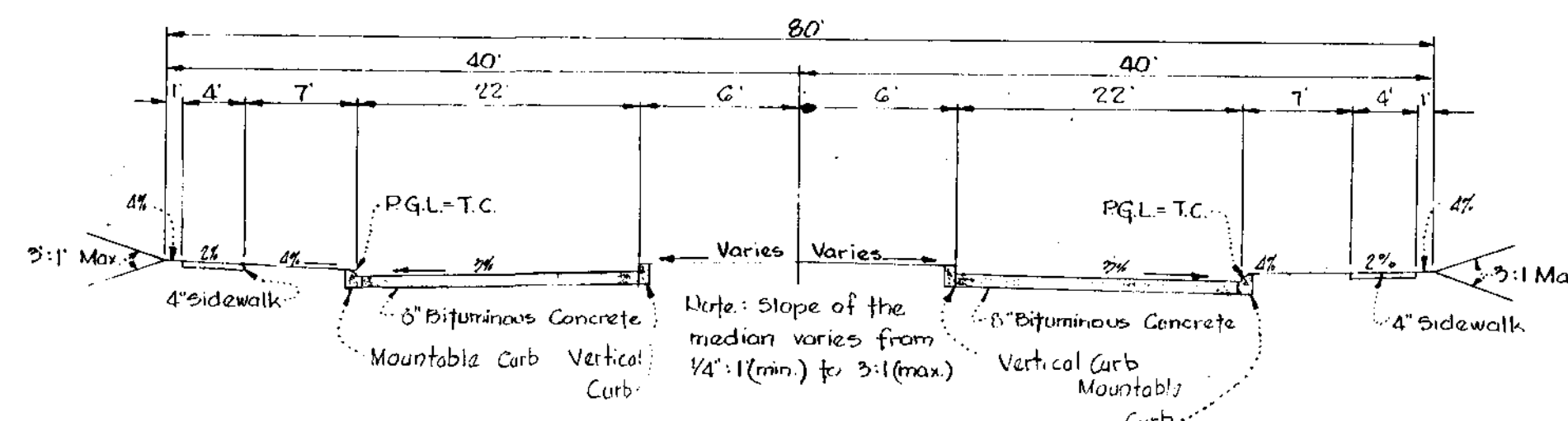
REVISION 10-7-66 STORY DRAIN  
REVISION 10-3-66 STORM DRAIN

HOWARD RESEARCH & DEVELOPMENT CORP.



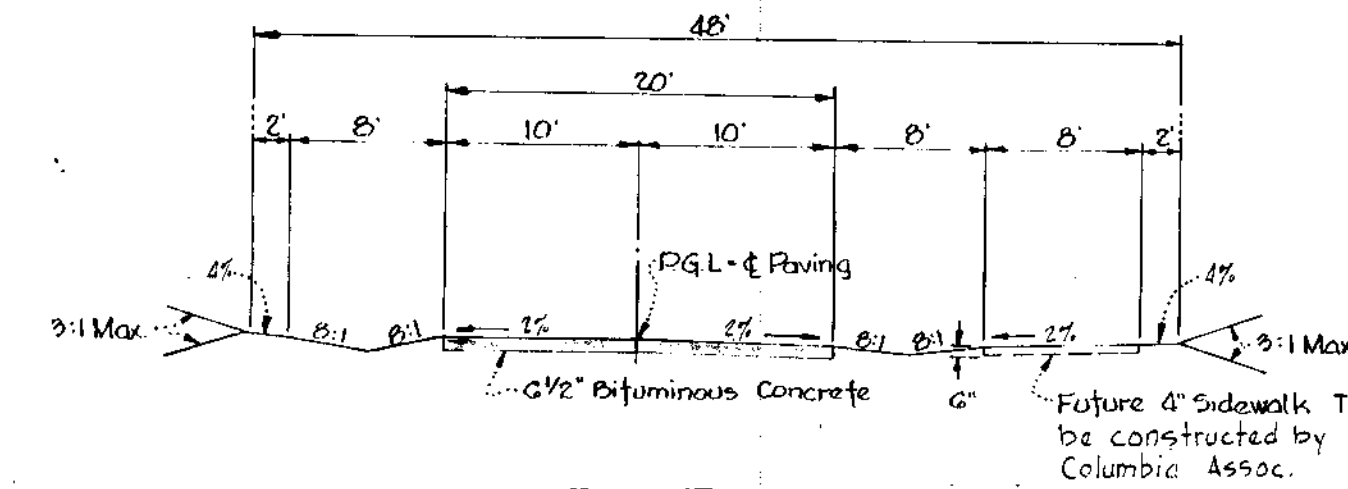
**COMBINATION 44' ROAD + 20' BUS ROUTE IN 112' RIGHT-OF-WAY**  
DETAIL "A"

For transition @ Pedestrian Underpass Sta. 9+10' to 10+20' @ Twin Rivers Rd. See Detail A, below

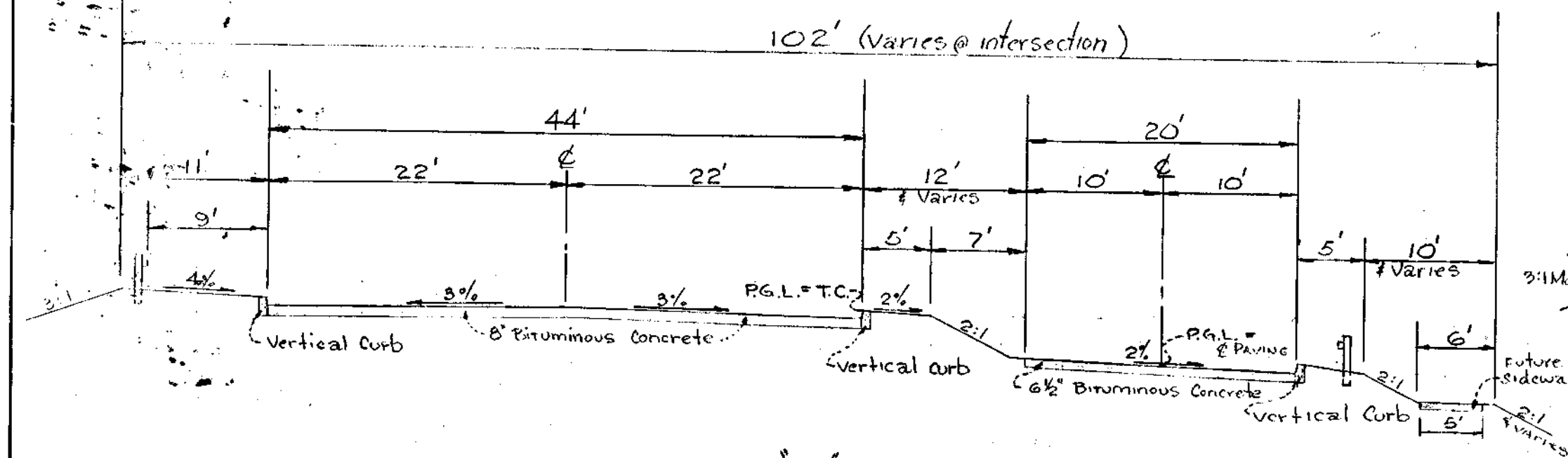


**DUAL SECTION - GREEN MOUNTAIN CIRCLE**

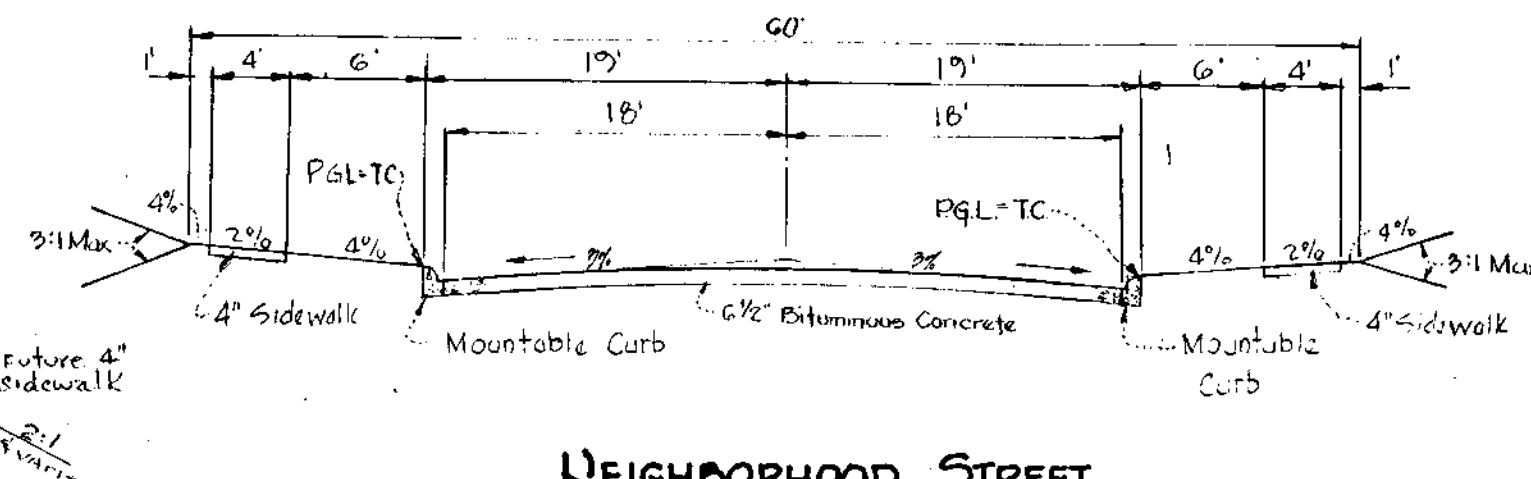
Sta. 0+66.00 to Sta. 5+55  
DETAIL "E"



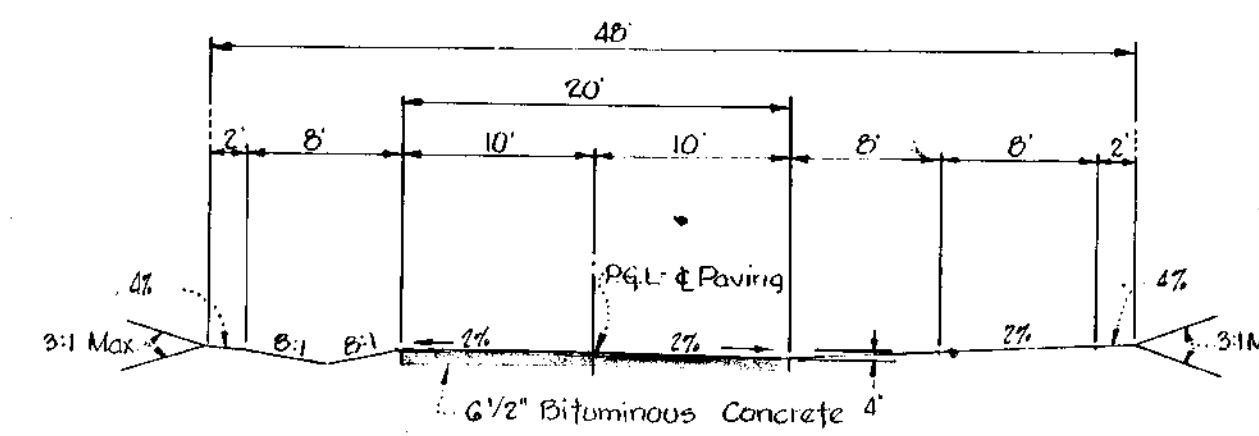
**20' BUS ROUTE**  
DETAIL "J"



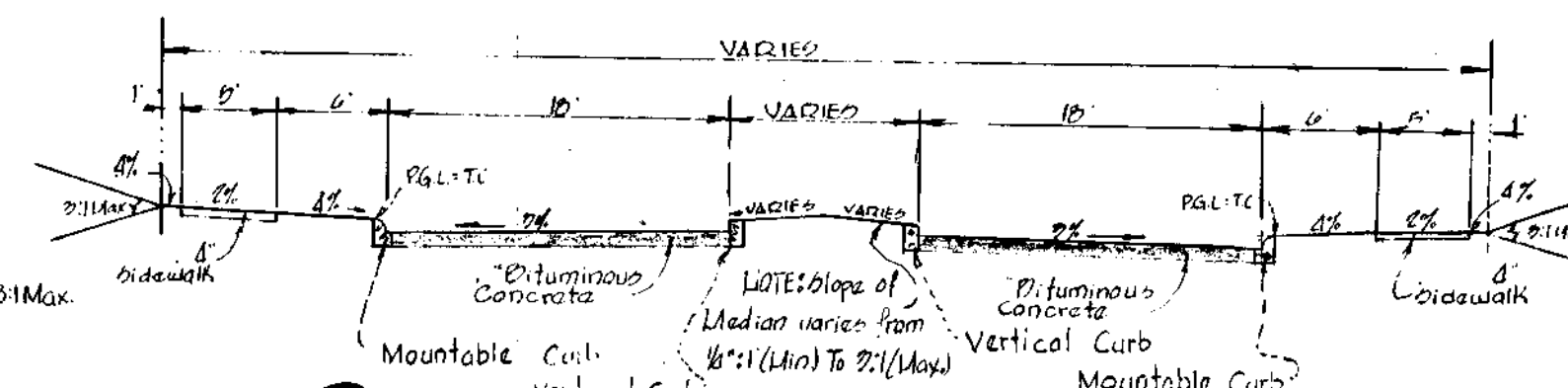
DETAIL "A1"



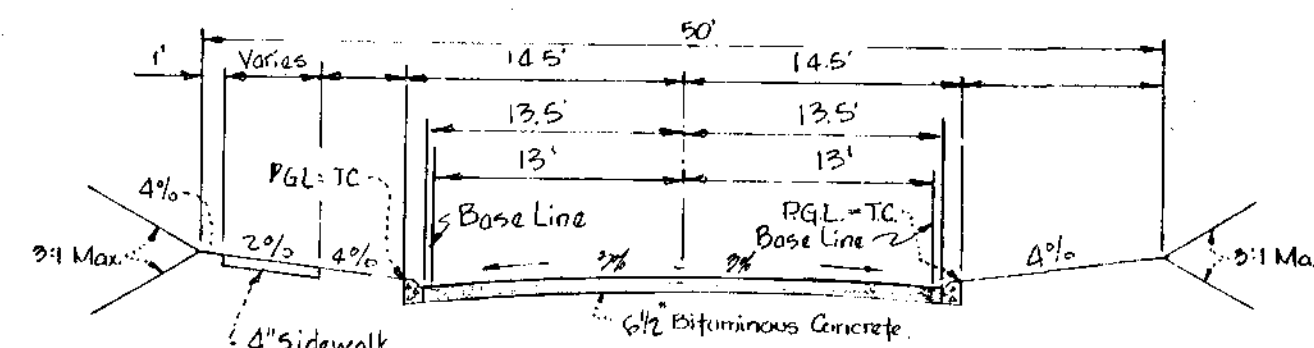
**NEIGHBORHOOD STREET COLLECTOR**  
DETAIL "F"



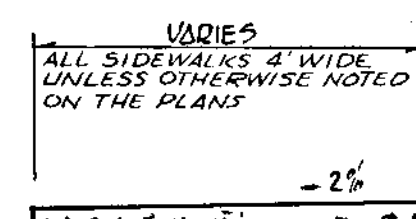
**20' BUS ROUTE WITHOUT DITCH**  
DETAIL "K"



**DUAL SECTION @ GREEN MOUNTAIN CIRCLE**  
Sta. 0+00.00 TO Sta. 0+100.00  
DETAIL "L"

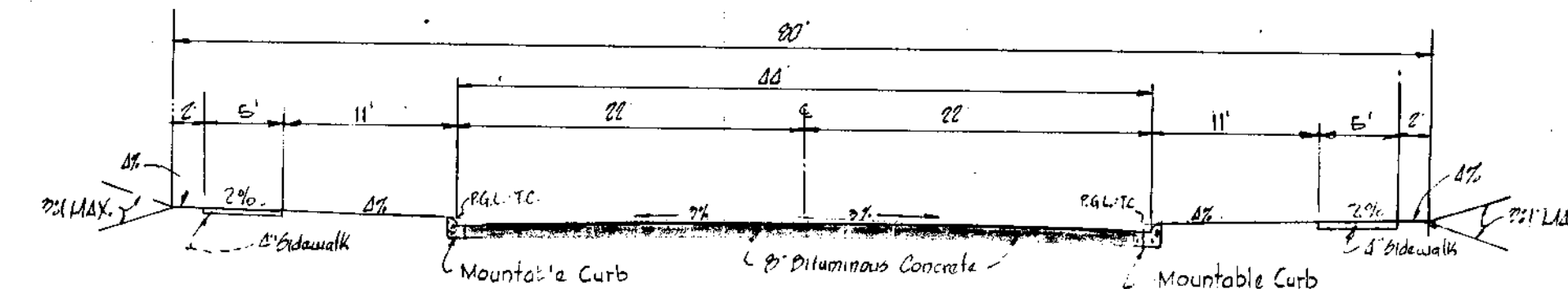


**LOCAL LANE**  
DETAIL "G"

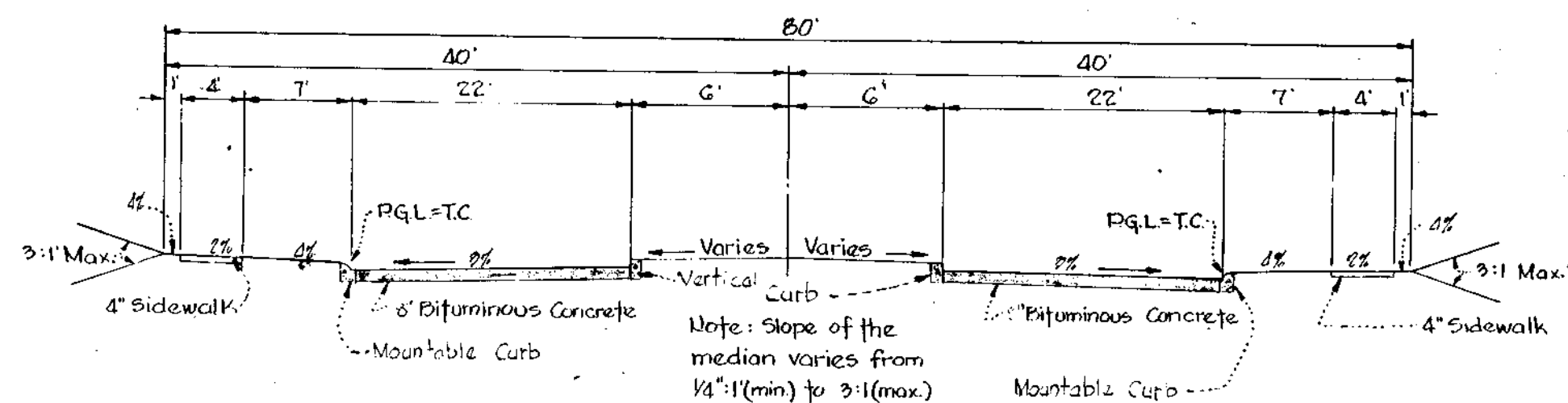


**4" CLASS A CONCRETE**  
Howard Research & Development will construct standard Howard Co. Portland Cement Concrete sidewalk or an alternate Design Approved by Howard County Roads Department.

**SIDEWALK**  
NO SCALE

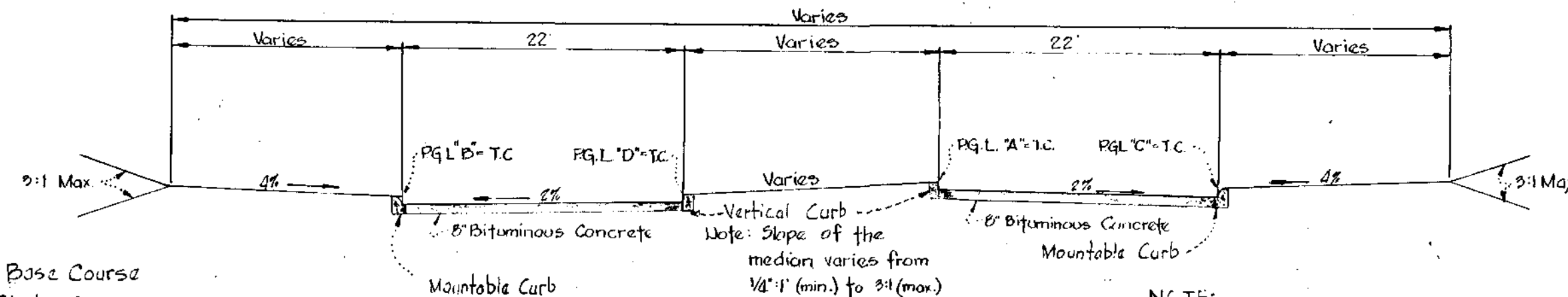


**44' ROAD SECTION**  
Scale: 1" = 10'  
DETAIL "L"



**DUAL SECTION - GREEN MOUNTAIN CIRCLE**

Sta. 02+45.00 to Sta. 06+19.00  
DETAIL "D"

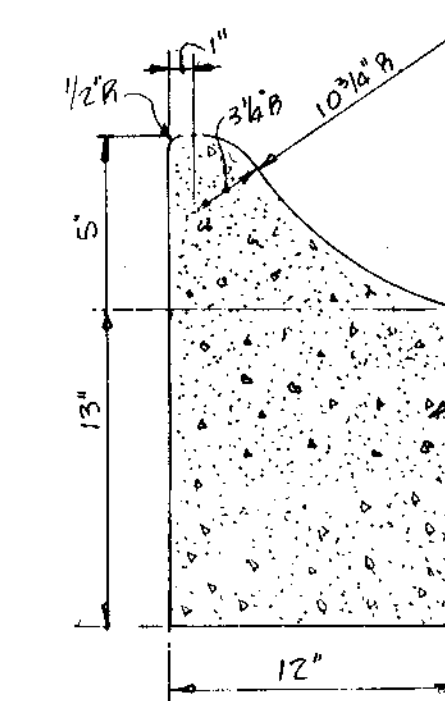


**TYPICAL ROAD SECTION**

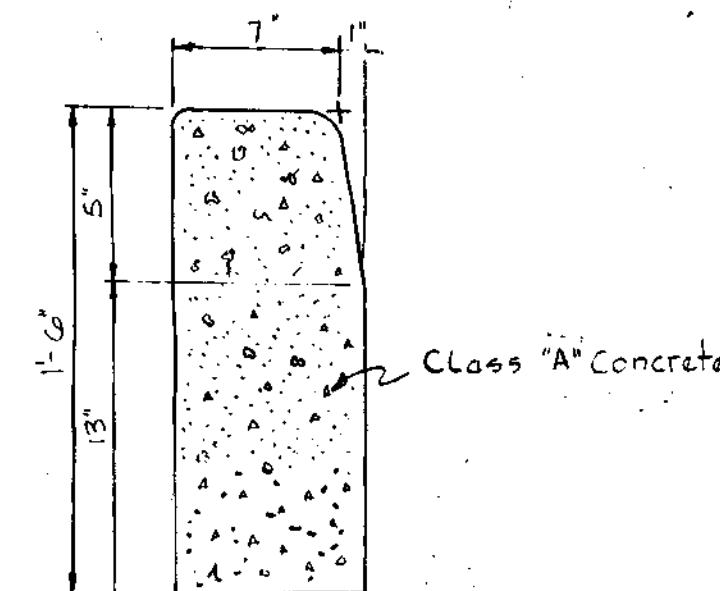
DETAIL "I"

NOTE:

5" Bituminous Concrete Base Course  
1 1/2" Bituminous Concrete Surface Course  
This surface type to be constructed in accordance with the HOWARD COUNTY ROAD CONSTRUCTION CODE and SPECIFICATIONS. Dwg. D113 Page 165 d.



**MOUNTABLE CURB**



**VERTICAL CURB**

**C. D. MESSICK JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND  
C.D. Messick Jr. P.E. No. 3390 DATE 5/23/66

NOTE:

5" Bituminous Concrete Base Course  
1 1/2" Bituminous Concrete Binder Course  
1 1/2" Bituminous Concrete Surface Course  
This surface type to be constructed in accordance with the HOWARD COUNTY ROAD CONSTRUCTION CODE and SPECIFICATIONS. Dwg. D113 Page 165 d.

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY

FEB 2 1967

J.H.C.

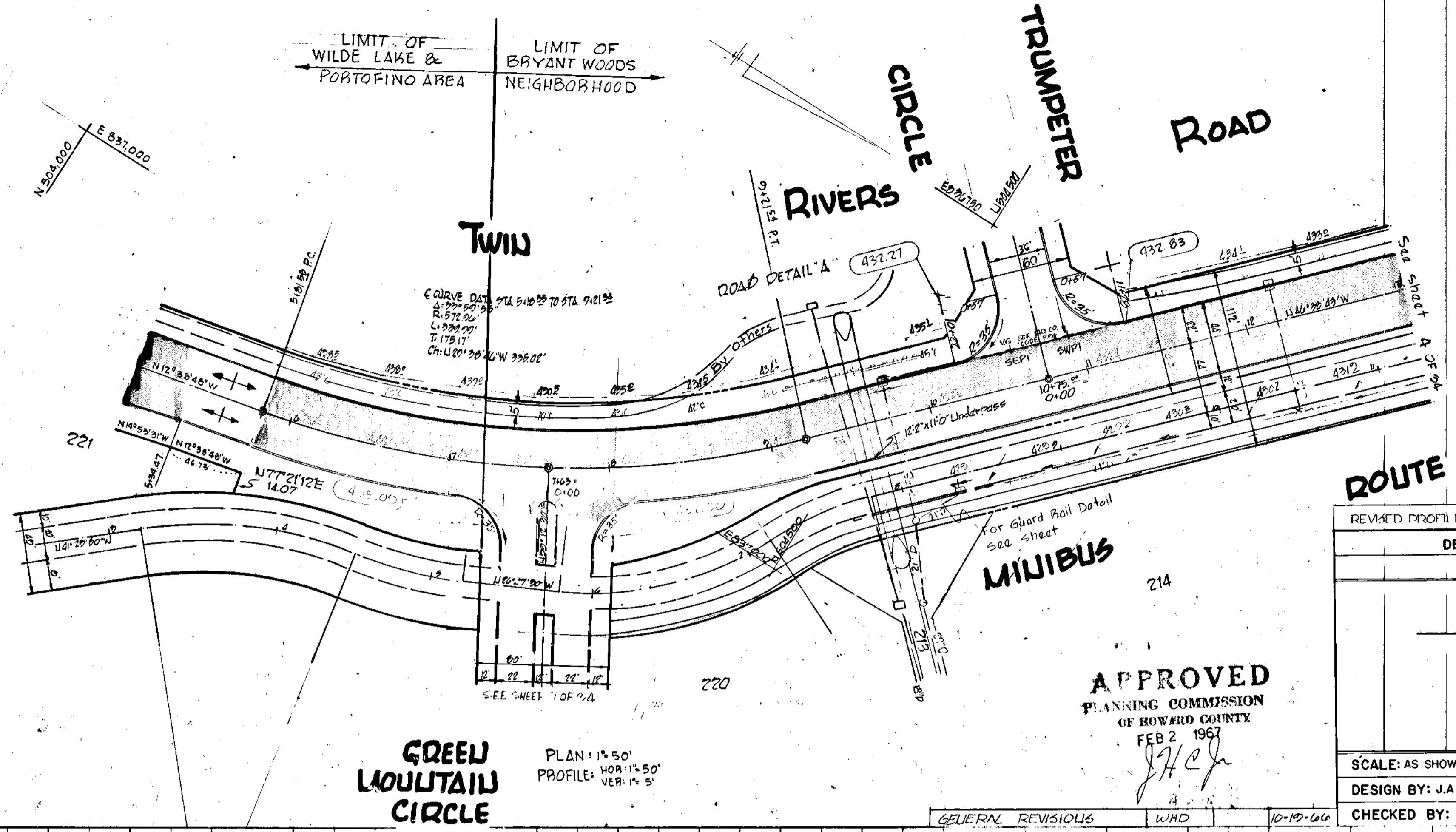
**TYPICAL SECTIONS**  
**COLUMBIA**

SCALE: AS SHOWN	DATE: 5-24-66
DESIGNED BY: J.A.S.	TRACED BY: A.R.S.
CHECKED BY: REL.	DRAWING NO: 2 of 34

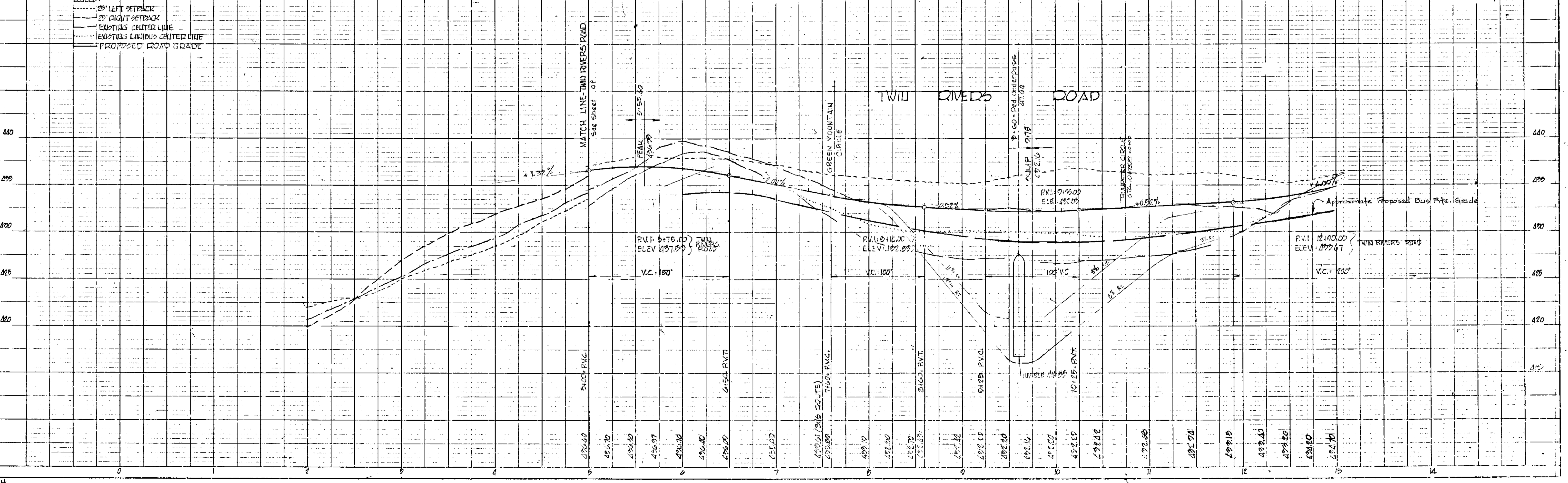
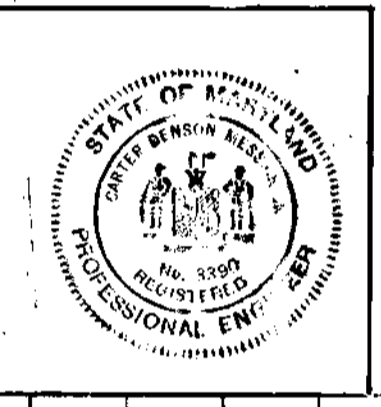


PLAN  
 CHECKED BY: J.B.G.  
 DATE: 11/16/66  
 NOTE BOOK NO. 182487  
 NO. 111645  
 NO. 111646

Design Speed - TWIN RIVERS ROAD 30 M.P.H.  
 Stopping Sight Distance - 220 Ft.



C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. MESSICK JR. P.E. NO. 3390  
 DATE: 5/23/66



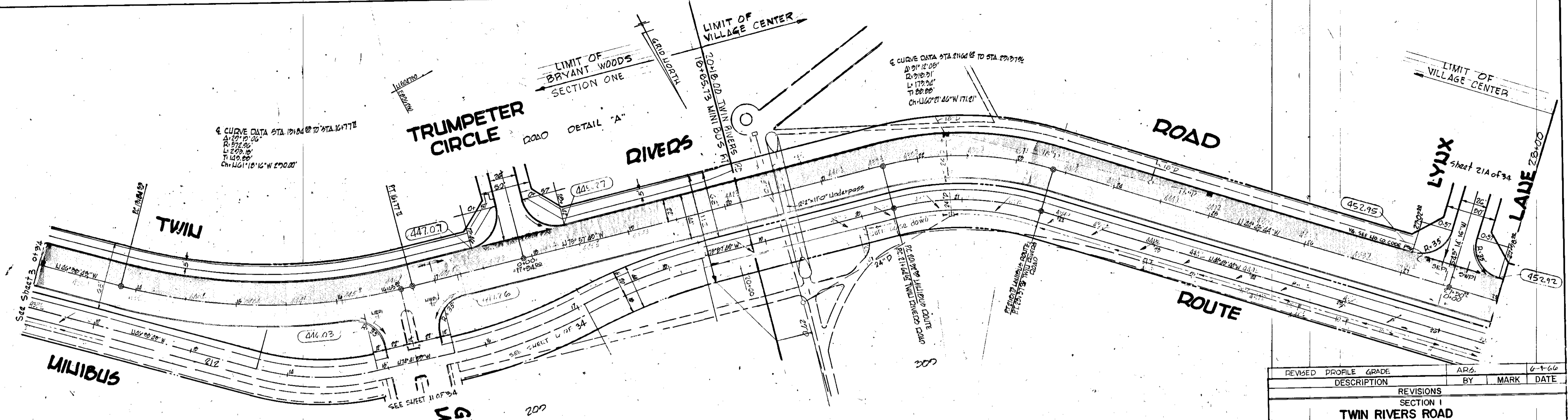
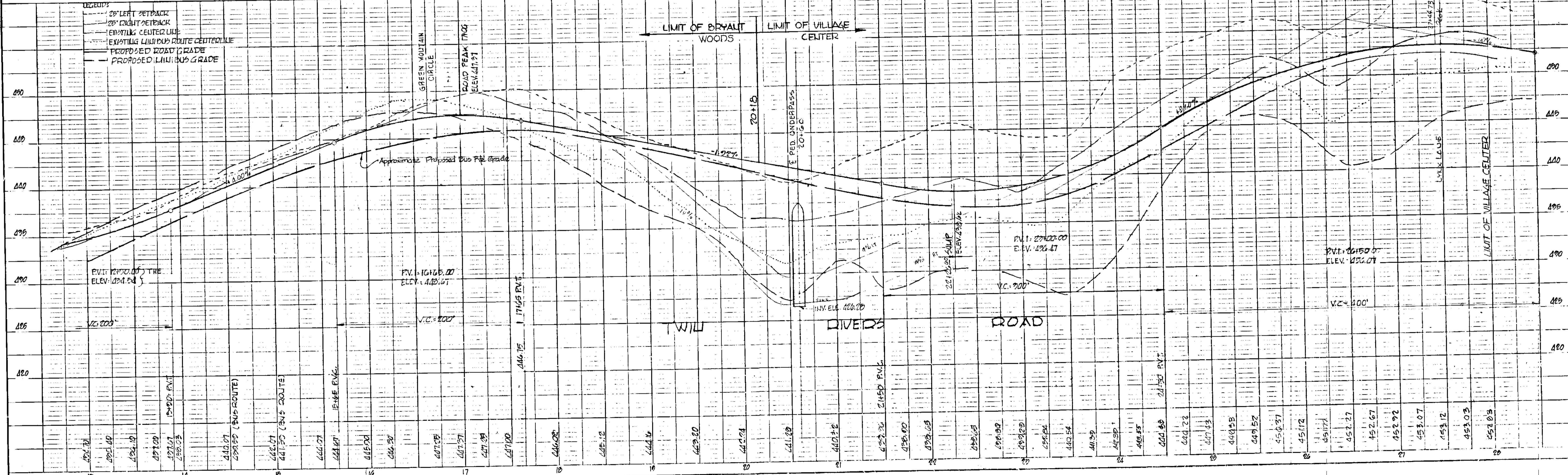
PROFILE  
 CHECKED BY: REL J.B.G.  
 DATE: 11/16/66  
 NOTE BOOK NO. 182487  
 NO. 111645  
 NO. 111646



DATE	
BY	
NO.	
PLAN	
NO.	
NOTE BOOK	
ALIGNMENT CHECKED	
ST. OF WAY CHECKED	

DATE	
BY	
NO.	
PROFILE	
NO.	
NOTE BOOK	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	

C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. MESSICK JR. P.E. NO. 5390  
DATE 5/23/66



REVISED PROFILE GRADE	AR.S.	6-1-66	
DESCRIPTION	BY	MARK	DATE
REVISIONS			
SECTION I			
TWIN RIVERS ROAD			
STA. 13+00 TO STA. 28+00			
BRYANT WOODS & VILLAGE CENTER			
COLUMBIA			
ROAD PLAN			
SCALE: AS SHOWN	DATE: 5/21/66		
DESIGN BY: JAS. JCS	TRACED BY: J.B.G.		
CHECKED BY: D.E.L.	DRAWING NO.: 4 of 34		

APPROVED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967

PLAN: 1"=50'  
PROFILE: 1"=10'

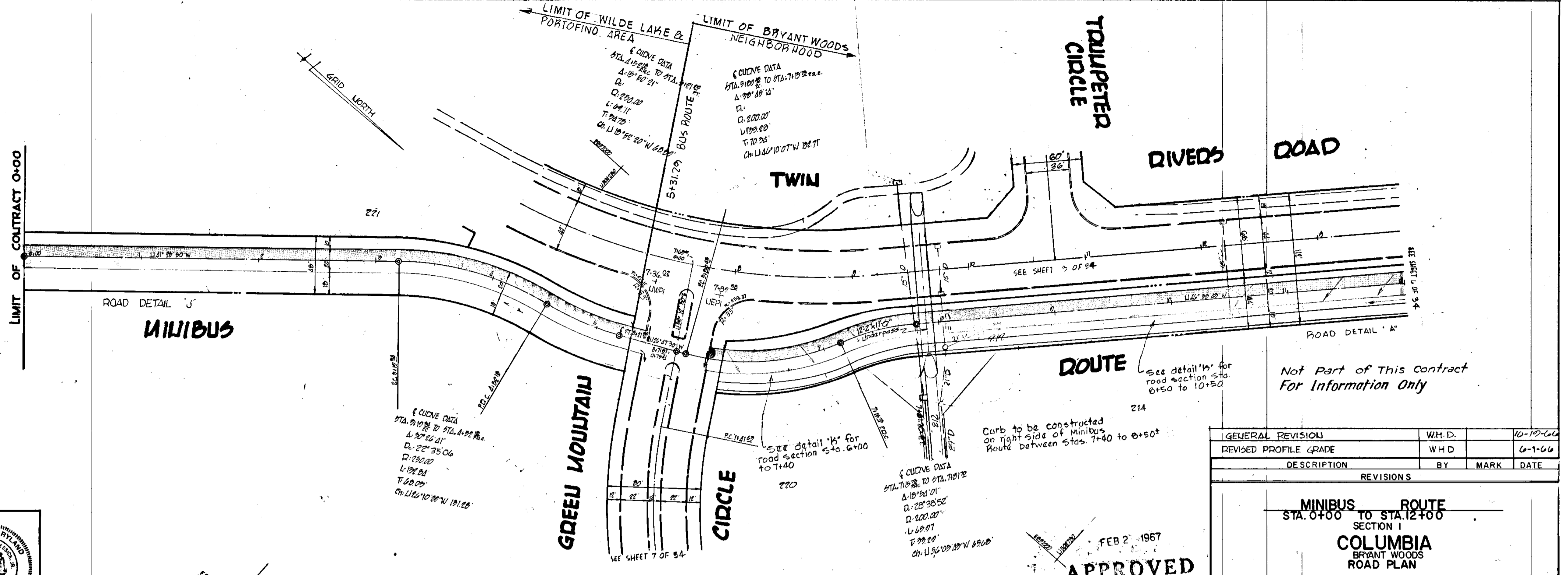
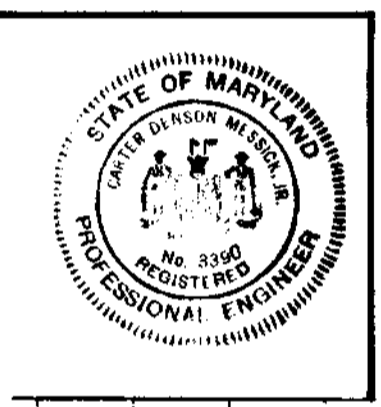
GENERAL REVISIONS



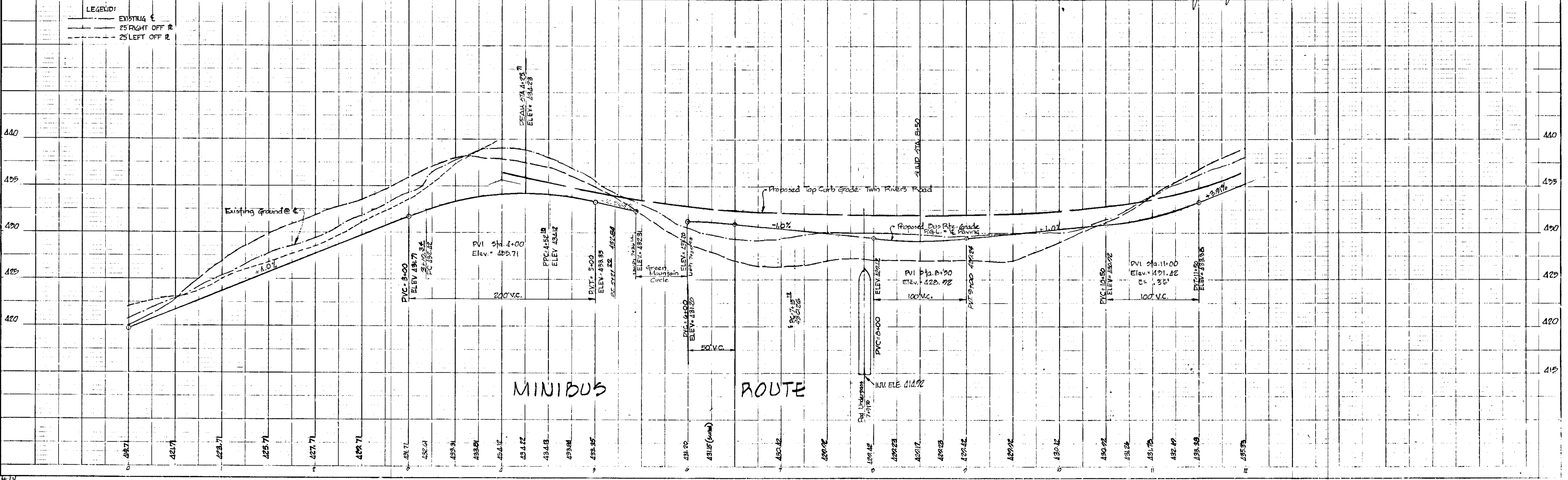
PLAN  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NO. \_\_\_\_\_

PROFILE  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NO. \_\_\_\_\_

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. Messick Jr.  
 C.D. MESSICK JR. P.E. NO. 3390  
 5-23-66  
 DATE



GENERAL REVISION	WH. D.	DATE
REVISED PROFILE GRADE	W.H.D.	6-1-66
REVISIONS		
<b>MINIBUS ROUTE</b> STA. 0+00 TO STA. 12+00 SECTION I <b>COLUMBIA</b> BRYANT WOODS ROAD PLAN		
SCALE: AS SHOWN	DATE: 5-24-66	
DESIGN BY: J.A.S. J.C.S.	TRACED BY: J.B.G.	
CHECKED BY: REL.	DRAWING NO. 5 of 34	





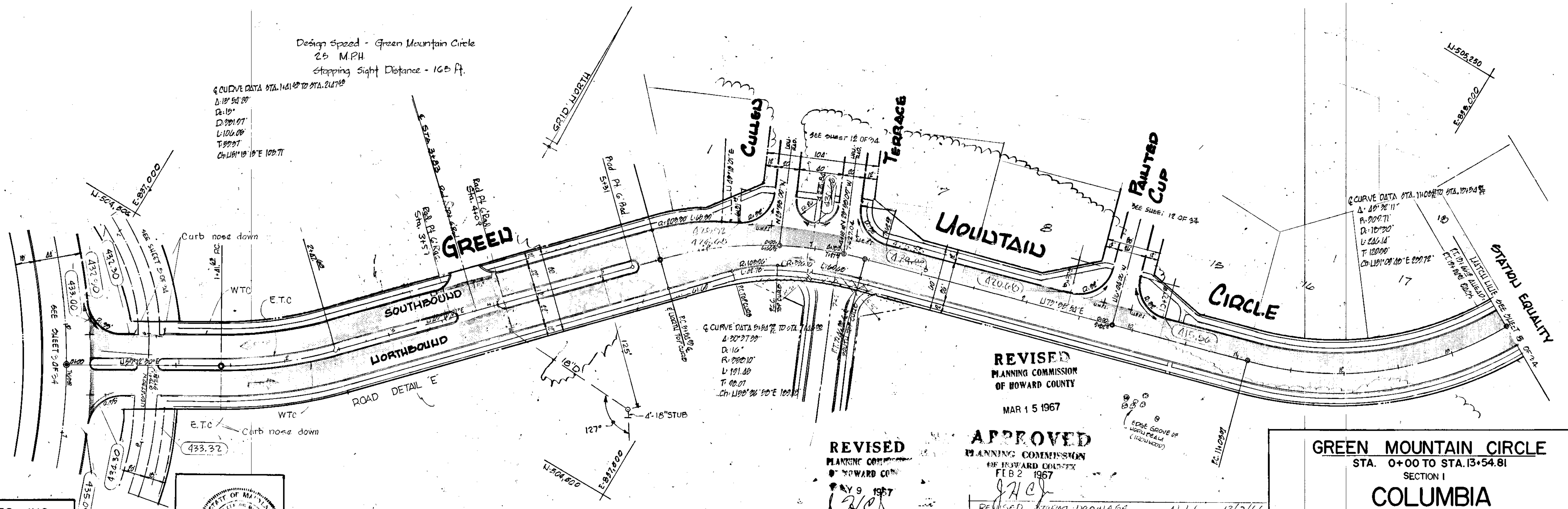


PLAN	DATE
BY	
NO.	

PROFILE	DATE
BY	
NO.	

Design Speed - Green Mountain Circle  
25 M.P.H.  
Stopping Sight Distance - 165 Ft.

TWIN RIVERS ROAD



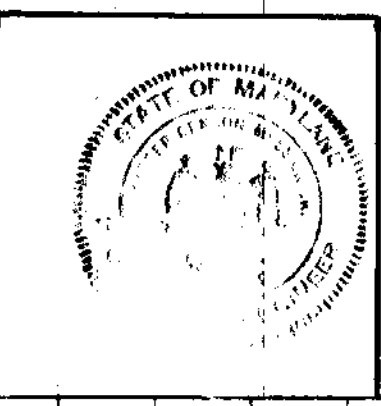
REVISED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
MAR 15 1967

REVISED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
MAY 9 1967

APPROVED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967

**GREEN MOUNTAIN CIRCLE**  
STA. 0+00 TO STA. 13+54.81  
SECTION I  
**COLUMBIA**  
BRYANT WOODS  
ROAD PLAN

C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. MESSICK JR. P.E. NO. 3390



SCALE PLAN 1"=50'  
PROFILE VERT 1"=5'  
HOR 1"=50'

REV. SIDEWALK LOT 7	E.J.P.	5-9-67	REVISED STRIP DRAINAGE	N.J.L.	12/7/66
REV. OUTFALL STA 4+10	J.M.	4-7-67	REVISED RADIUS	W.H.D.	10/19/66
REV. PROFILE GRADE	R.C.E.	2-22-67	REVISED ISLAND TO SHOW OPENINGS	J.A.S.	6-17-66
			REVISED INTERSECTIONS @ CULLETS TO RAISED CUP	J.B.G.	7-18-66
			REVISED ALIGNMENT FROM TO SURVEY	J.P.S.	7-18-66
			REVISED PROFILE GRADE	J.A.B.	6-1-66

SCALE AS SHOWN	DATE: 5-24-66
DESIGN BY: J.A.S. J.C.S.	TRACED BY: J.B.G.
CHECKED BY: REL.	DRAWING NO: 7 OF 34

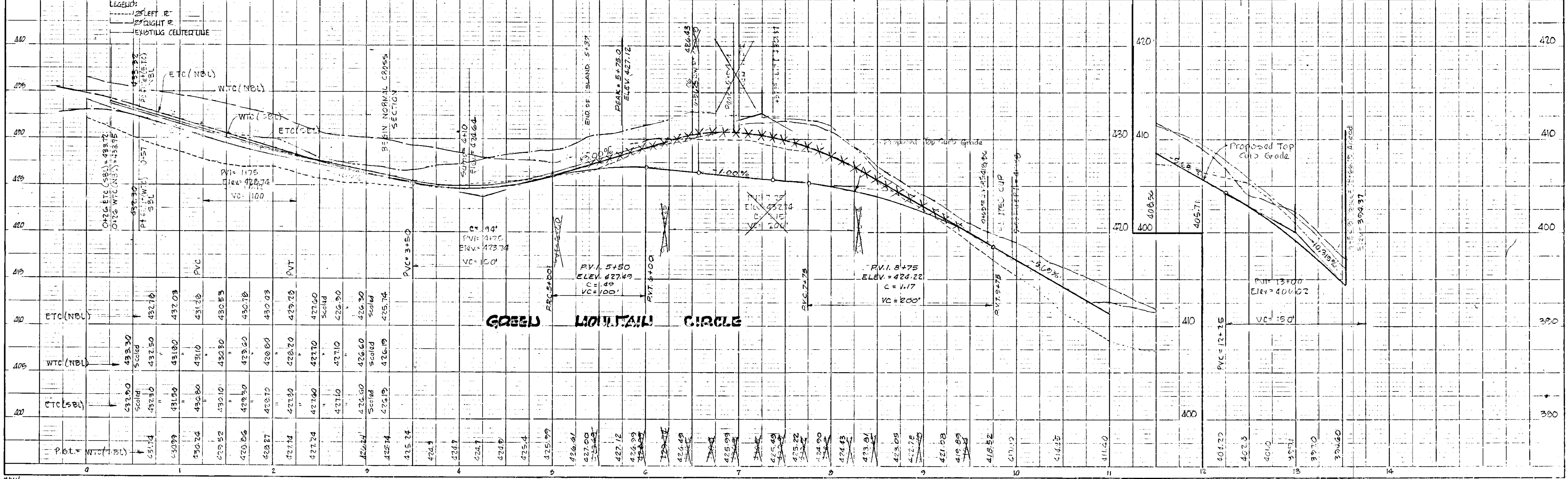


PLATE 1, PLAN-PROFILE  
KEUFEL & FISSE CO.

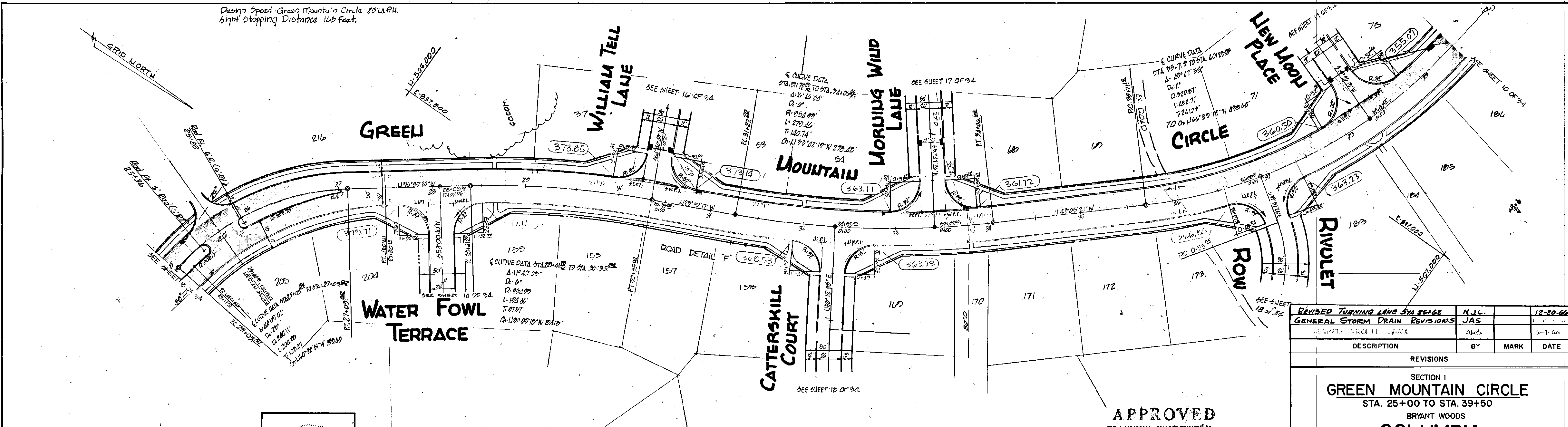




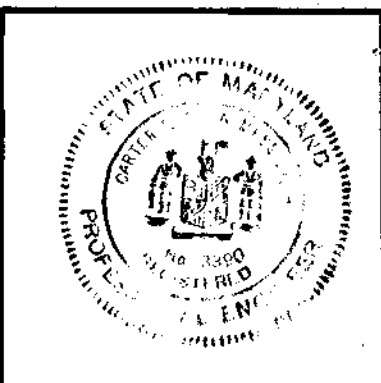


PLAN  
 SURVEYED, CHECKED, DESIGNED, DRAWN, DATE  
 NOTE BOOK NO. OF SHEETS CHECKED  
 NO. OF SHEETS NOT CHECKED

PROFILE  
 SURVEYED, CHECKED, DESIGNED, DRAWN, DATE  
 NOTE BOOK NO. OF SHEETS CHECKED  
 NO. OF SHEETS NOT CHECKED



**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.*  
 C.D. MESSICK JR. P.E. NO. 3390 DATE 5/24/66

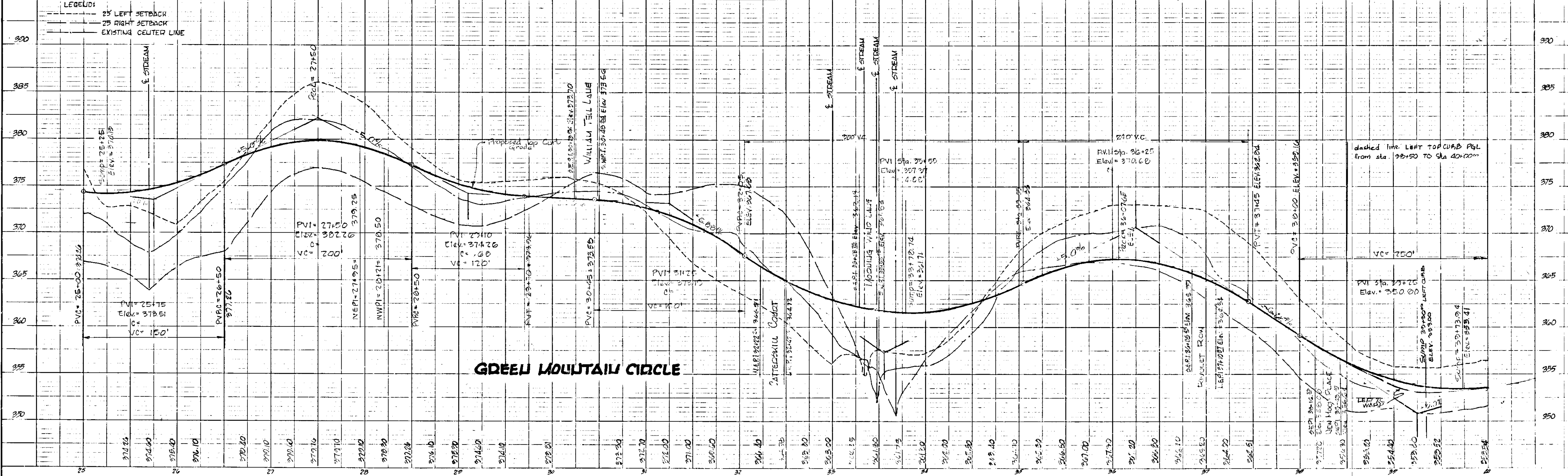


**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
 SCALE: PLAN: 1"=60'  
 PROFILE: HOR. 1"=50'  
 VERT. 1"=5'

REVISIONS	BY	MARK	DATE
REVISOR TURNING LANE STA 25+68	N.J.L.		12-20-66
GENERAL STORM DRAIN REVISIONS	JAS		6-1-66
	AKA		

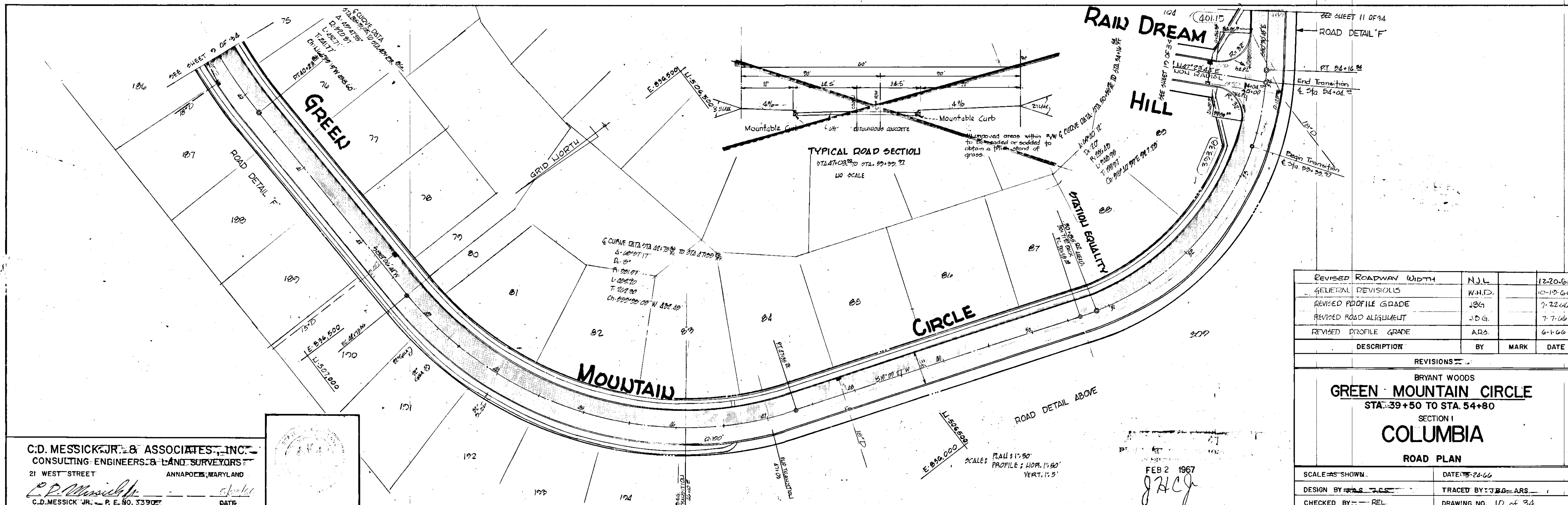
SECTION I  
**GREEN MOUNTAIN CIRCLE**  
 STA. 25+00 TO STA. 39+50  
 BRYANT WOODS  
**COLUMBIA**  
 ROAD PLAN

SCALE: AS SHOWN	DATE: 5-24-66
DESIGN BY: J.A.S. J.C.S.	TRACED BY: J.B.G.
CHECKED BY: REL.	DRAWING NO.: 9 of 34





DATE	
BY	
NO.	
PLAN	
REVISIONS	
NOTE BOOK GRADES CHECKED	
RT. OF WAY CHECKED	

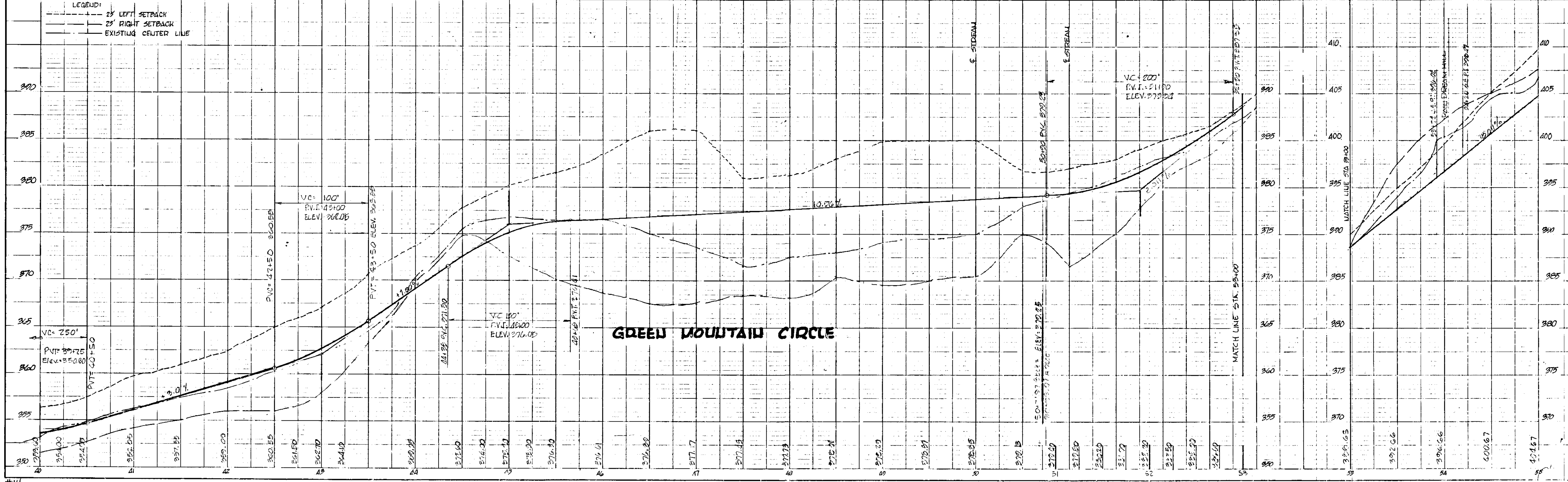


**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.*  
 C.D. MESSICK JR. - P. E. NO. 33907  
 DATE

REVISED ROADWAY WIDTH	N.J.L.	12-20-66	
GENERAL REVISIONS	W.H.D.	10-19-66	
REVISED PROFILE GRADE	J.B.G.	7-22-66	
REVISED ROAD ALIGNMENT	J.B.G.	7-7-66	
REVISED PROFILE GRADE	A.R.S.	6-1-66	
DESCRIPTION	BY	MARK	DATE

REVISIONS			
BRYANT WOODS			
<b>GREEN MOUNTAIN CIRCLE</b>			
STA. 39+50 TO STA. 54+80			
SECTION 1			
<b>COLUMBIA</b>			
ROAD PLAN			
SCALE AS SHOWN	DATE: 5-24-66		
DESIGN BY: J.C.S.	TRACED BY: J.B.G. - A.R.S.		
CHECKED BY: REL.	DRAWING NO. 10 of 34		

DATE	
BY	
NO.	
PROFILE	
REVISIONS	
NOTE BOOK GRADES CHECKED	
RT. OF WAY CHECKED	

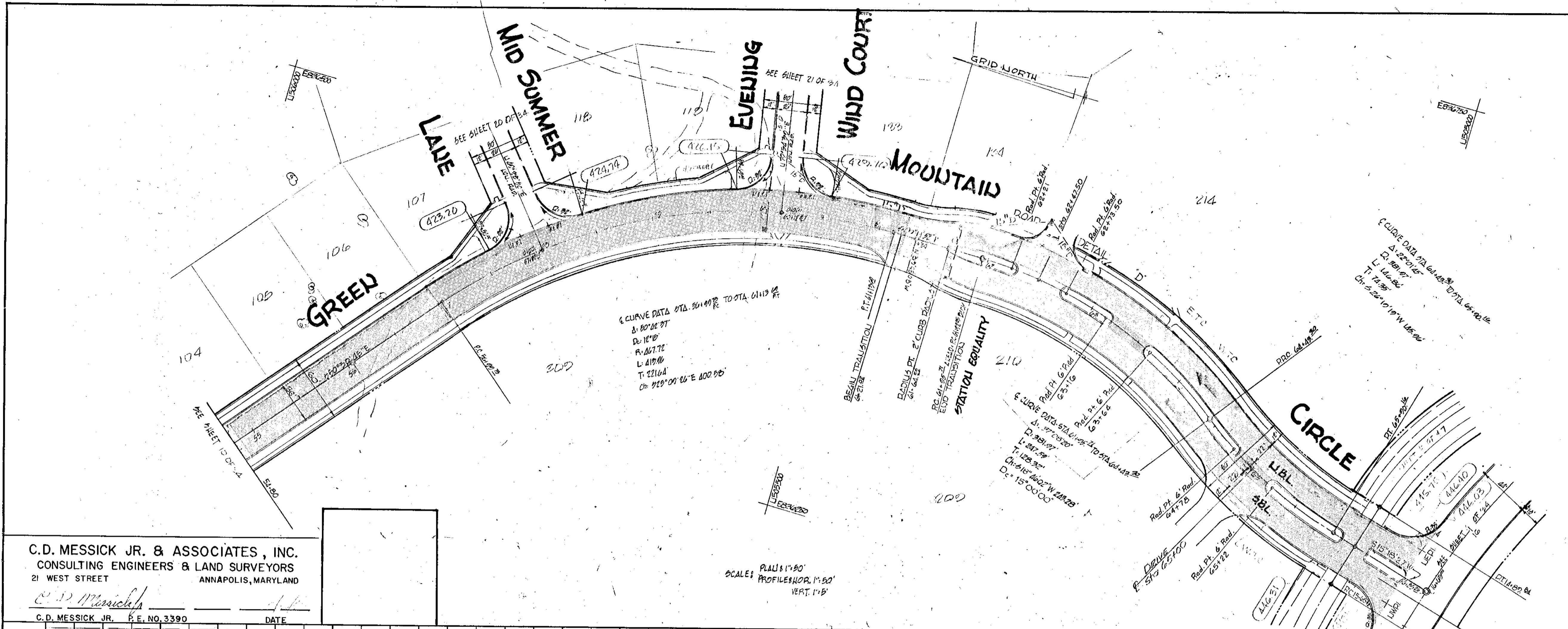




PLAN	DATE
SURVEYED	BY
PLOTTED	BY
NOTE BOOK	NO.
CHECKED	DATE
RT. OF WAY CHECKED	

PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	BY
NOTE BOOK	NO.
STRUCTURE NOTATIONS	CHVD

C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. MESSICK JR. P.E. NO. 3390 DATE

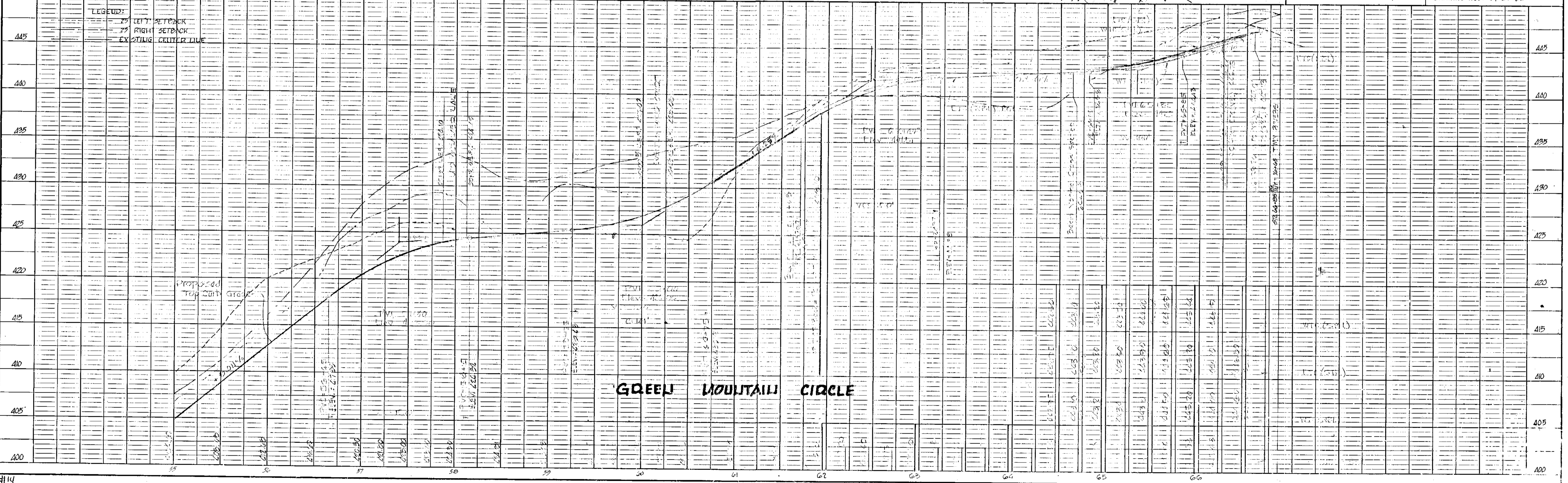


**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967

DESCRIPTION	BY	MARK	DATE
Revise Pipe Plan & Profile	N.L.		12-6-66
GENERAL REVISIONS	WHD		10-19-66
Put openings in Island on plans	JAS		8-17-66
REVISED ALIGNMENT	JAS		7-18-66
PROPOSED HOTEL TOWER LAND DEVELOPMENT	JAS		7-18-66
CONVALESCENT HOME CARE CENTER	JAS		7-18-66
REVISED DRAINAGE GRADE	JAS		7-18-66

REVISIONS  
 SECTION I  
**GREEN MOUNTAIN CIRCLE**  
 STA. 54+80 TO STA. 66+85.26  
 BRYANT WOODS  
**COLUMBIA**  
 ROAD PLAN

SCALE: AS SHOWN DATE: 5-24-66  
 DESIGN BY: J.A.S. J.C.S. TRACED BY: J.B.G. ARS. J.A.S.  
 CHECKED BY: REL. DRAWING NO.: 11 of 34

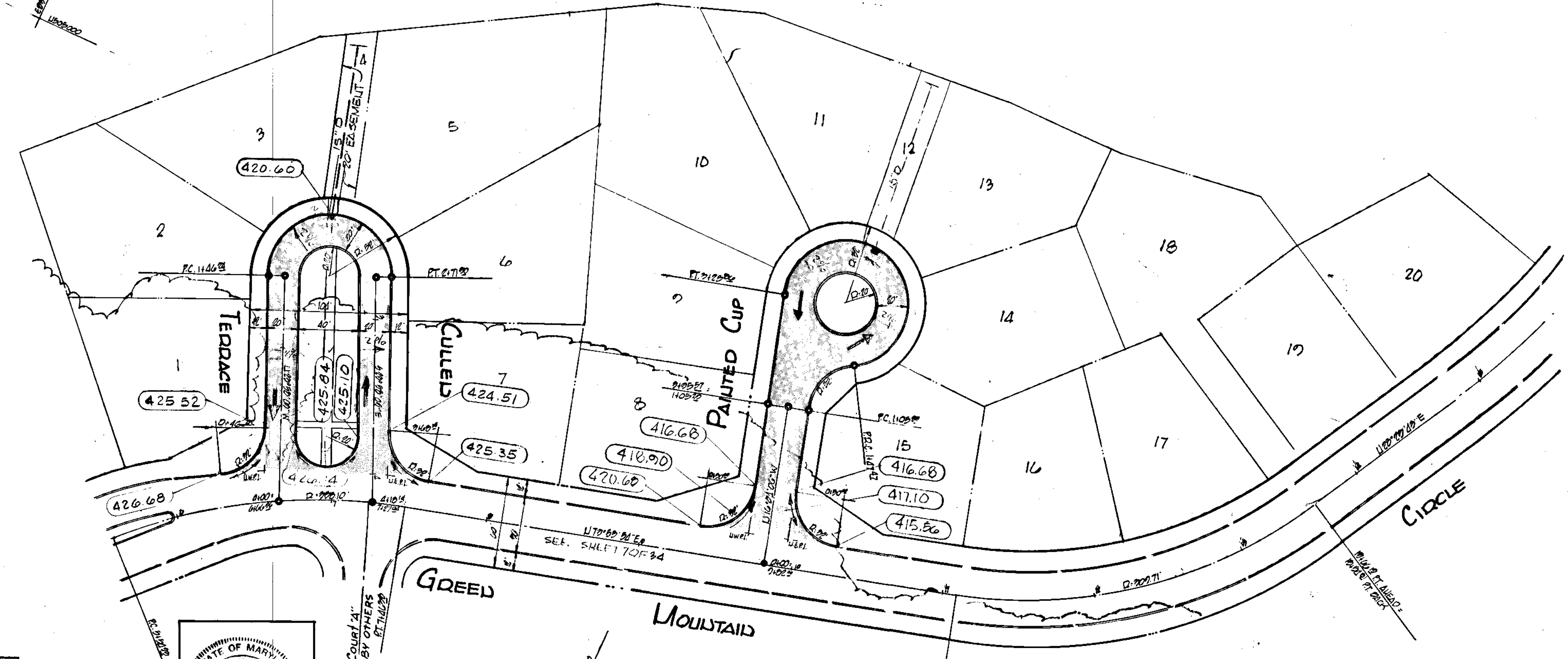
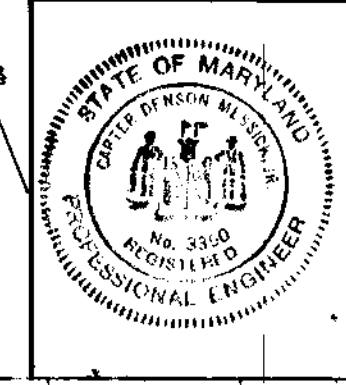




REVISED  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 MAR 15 1967  
 APPROVED  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
*JAC*

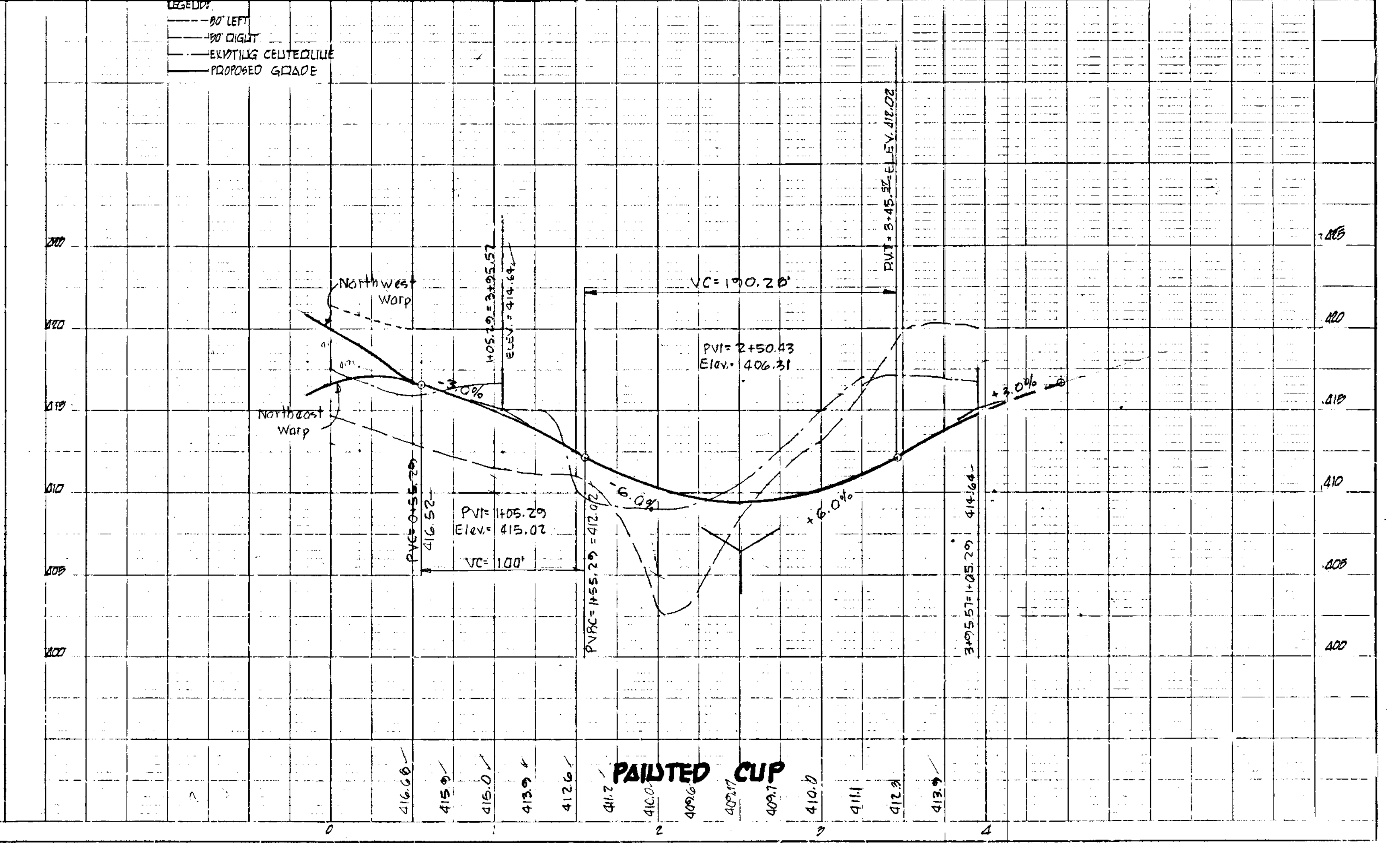
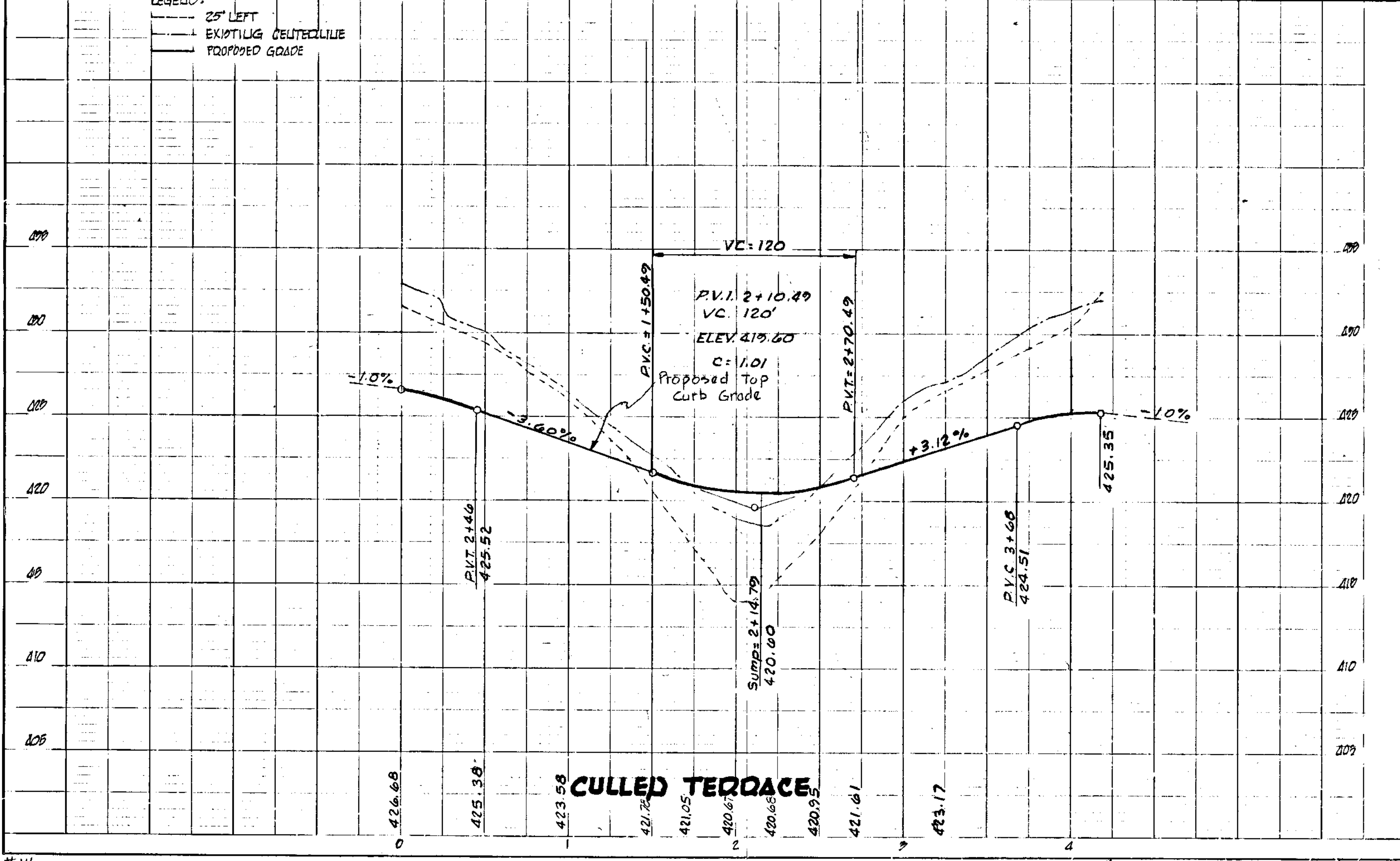
GENERAL REVISIONS	WH'D	DATE
DESCRIPTION	BY	MARK
REVISIONS		
<b>CULLEN TERRACE</b> <b>PAINTED CUP</b> SECTION I <b>COLUMBIA</b> BRYANT WOODS ROAD PLAN		
SCALE AS SHOWN	DATE: 7-20-66	
DESIGN BY: J.A.S. J.C.S.	TRACED BY: JBG	
CHECKED BY:	DRAWING NO: 12 of 34	

C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* 7-25-66  
 C.D. MESSICK JR. P.E. NO. 3390 DATE



PLAN  
 SURVEYED BY: [ ]  
 DATE: [ ]  
 NOTE BOOK NO. [ ]  
 SHEET NO. [ ]

PROFILE  
 SURVEYED BY: [ ]  
 DATE: [ ]  
 NOTE BOOK NO. [ ]  
 SHEET NO. [ ]

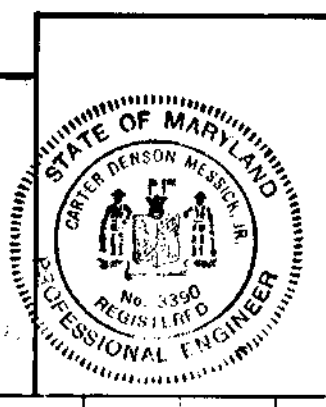




PLAN  
 CHECKED BY: JAS  
 DATE: 10-17-66  
 NO. 14 OF 34

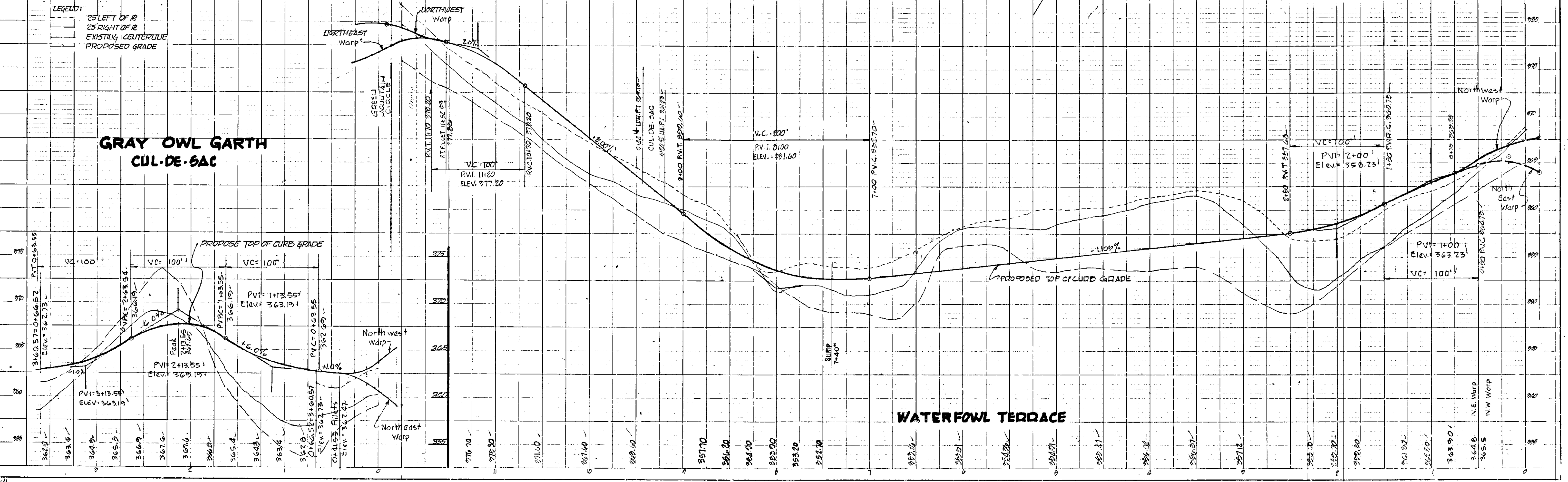
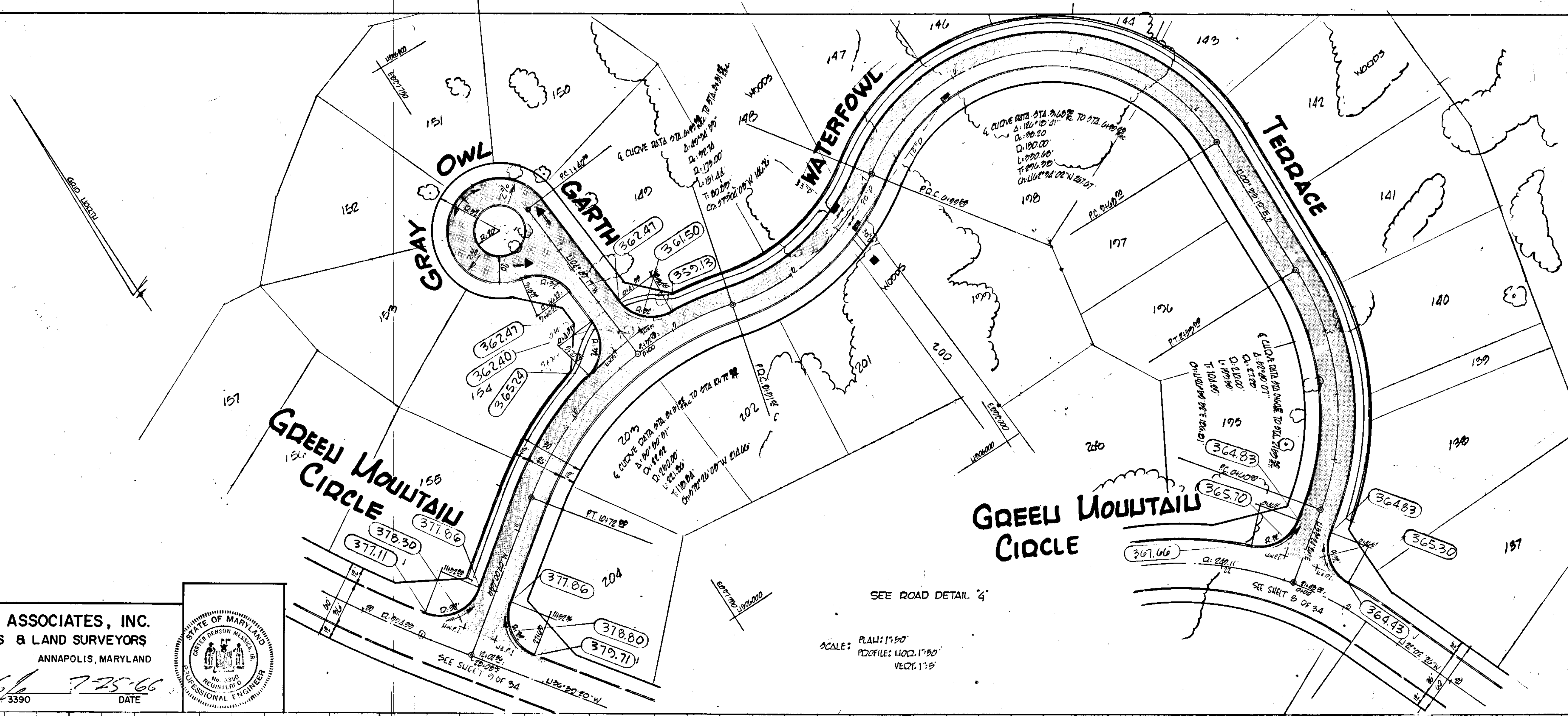
PROFILE  
 CHECKED BY: J.B. GARY  
 DATE: 10-17-66  
 NO. 14 OF 34

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. MESSICK JR. P.E. NO. 3390 DATE 7-25-66



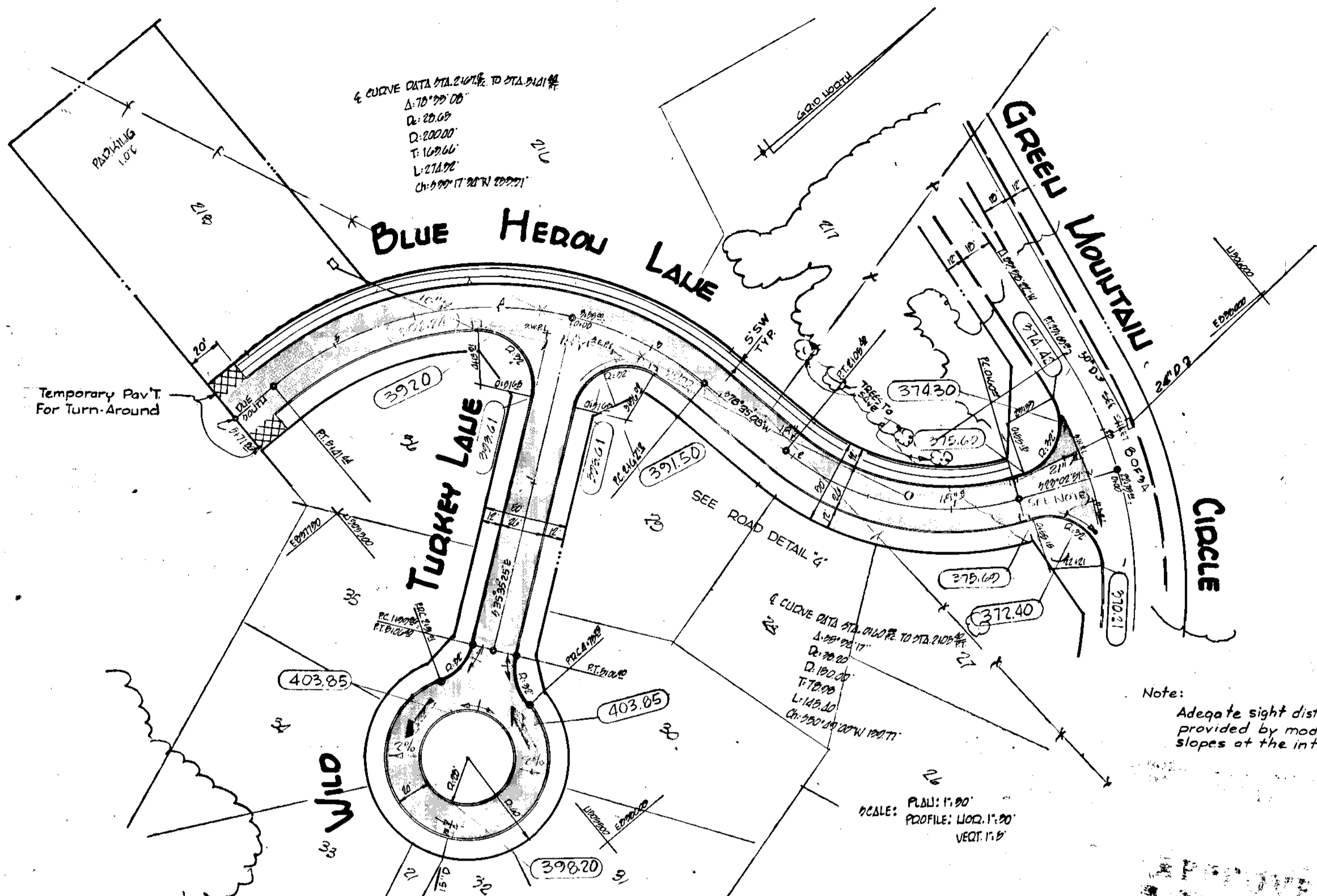
**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
 J.C.J.

GENERAL STORM DRAIN REVISIONS	JAS	10-17-66
DESCRIPTION	BY	MARK DATE
REVISIONS		
SECTION 1		
<b>WATERFOWL TERRACE</b>		
BRYANT WOODS		
<b>COLUMBIA</b>		
ROAD PLAN		
SCALE: AS SHOWN	DATE: 7-21-66	
DESIGNED BY: JAS. JCS.	TRACED BY: JBG	
CHECKED BY:	DRAWING NO. 14 of 34	





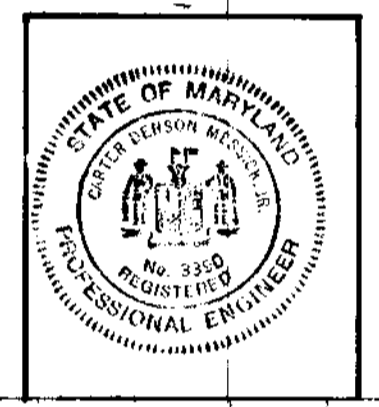
PLAN  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_



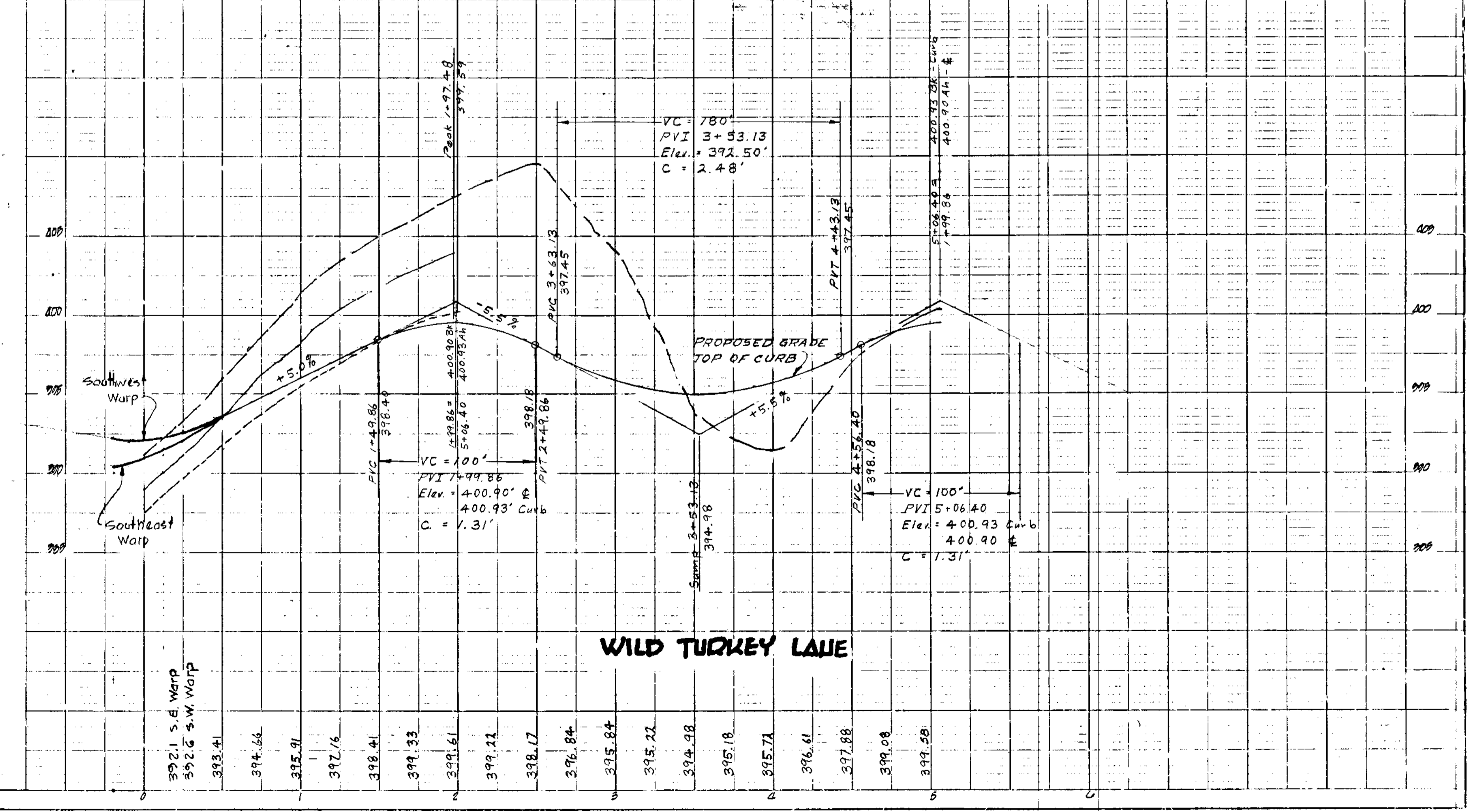
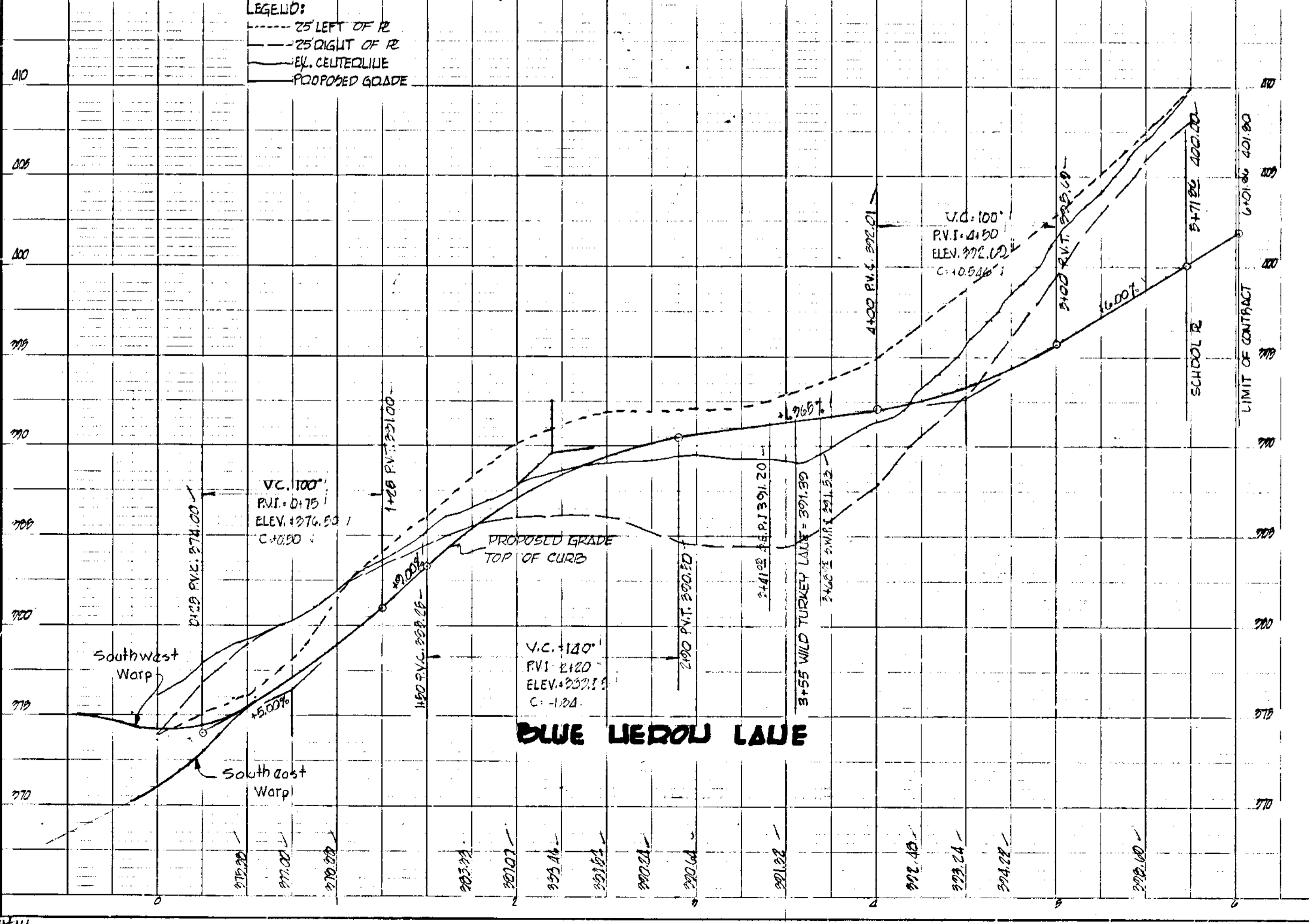
**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
*JHC*

WILD TURKEY LANE - VERT. ALIGN.	M.W.	12-12-66
GENERAL REVISIONS	W.H.D.	10-18-66
DESCRIPTION	BY	DATE
REVISIONS		
<b>BLUE HERON LANE          WILD TURKEY LANE          SECTION 1          COLUMBIA          BRYANT WOODS          ROAD PLAN</b>		
SCALE: AS SHOWN	DATE: 7-20-66	
DESIGN BY: J.A.S. JCS	TRACED BY: JBG	
CHECKED BY:	DRAWING NO: 15 of 34	

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* 7-25-66  
 C.D. MESSICK JR. PE NO. 3390 DATE

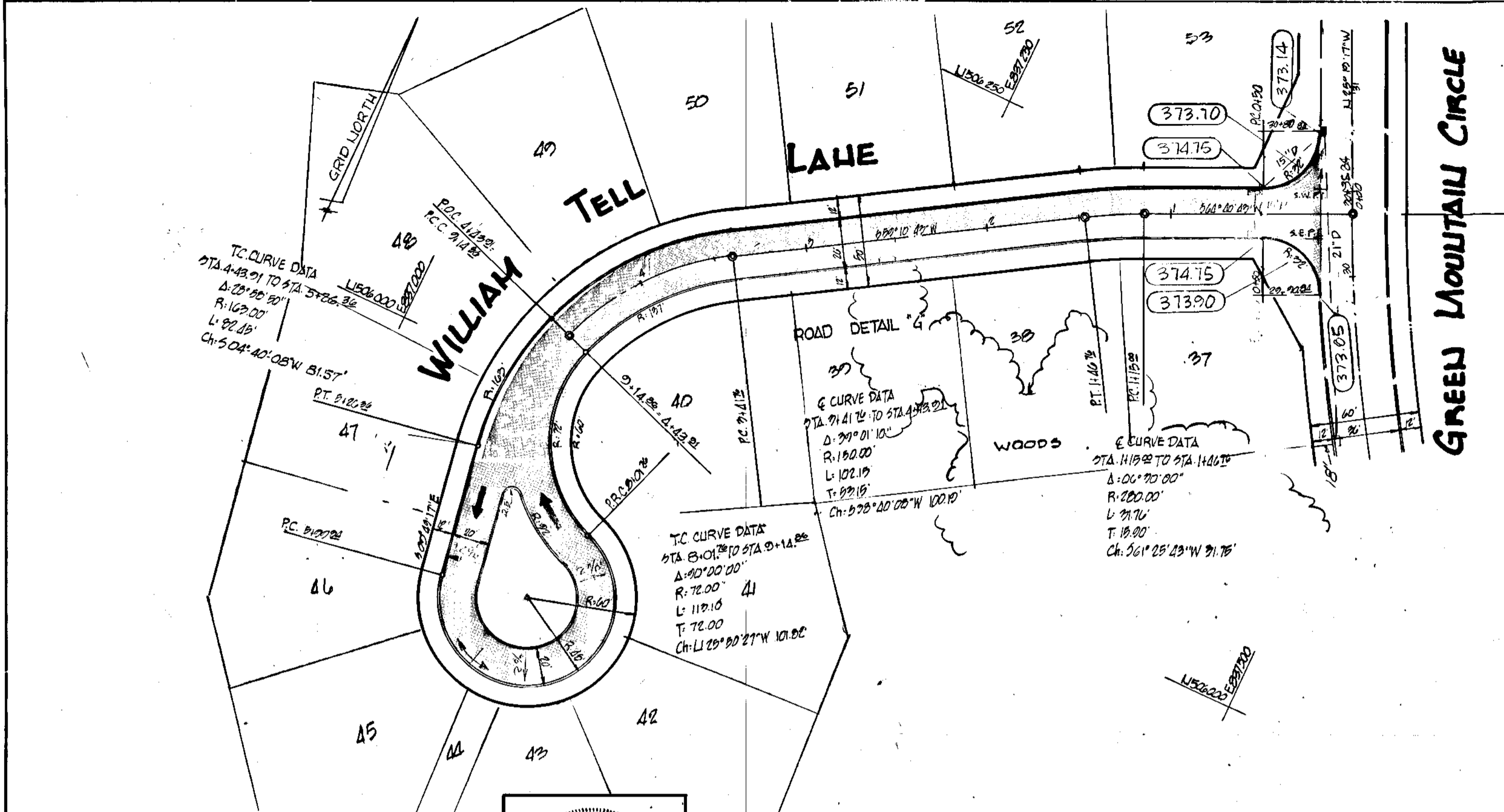


PROFILE  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

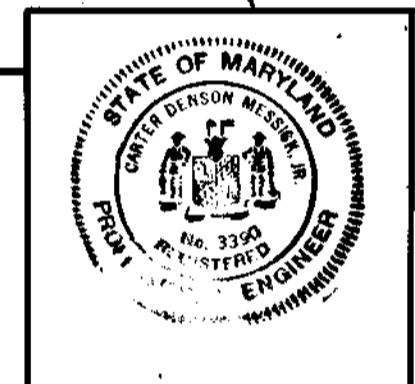




PLAN  
 SURVEYED BY: [ ]  
 CHECKED BY: [ ]  
 DATE: [ ]



**C. D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. Messick Jr. P.E. NO. 3390 DATE 5/23/66



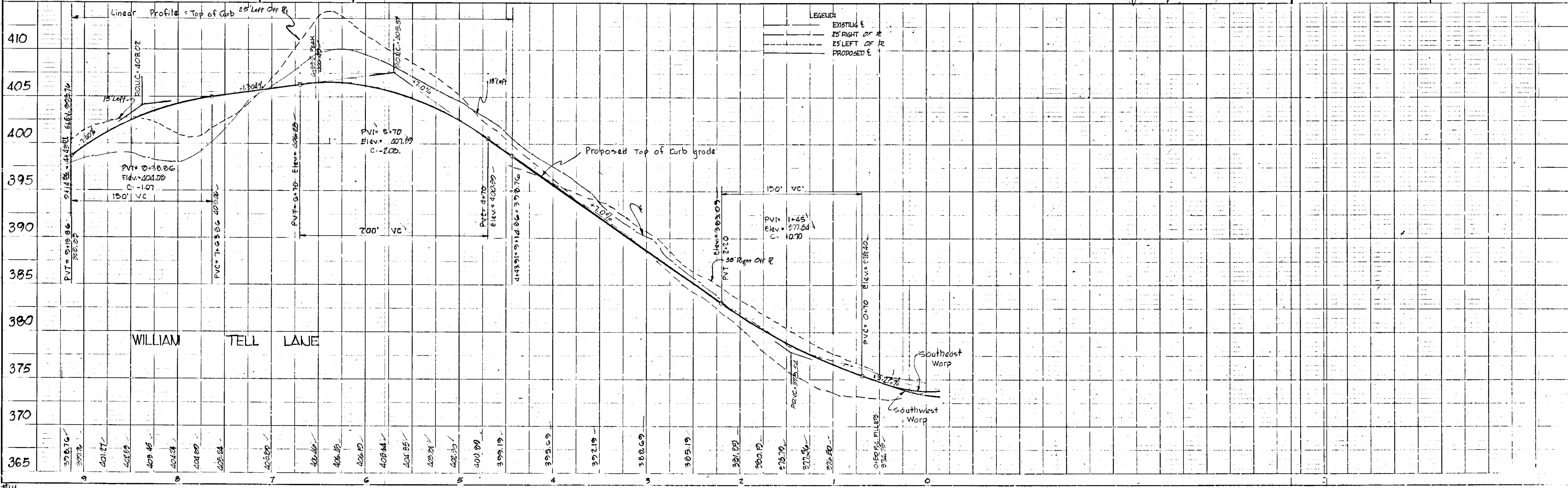
SCALE: PLAN: 1"=80'  
 PROFILE: HOR. 1"=80'  
 VERT. 1"=5'

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967

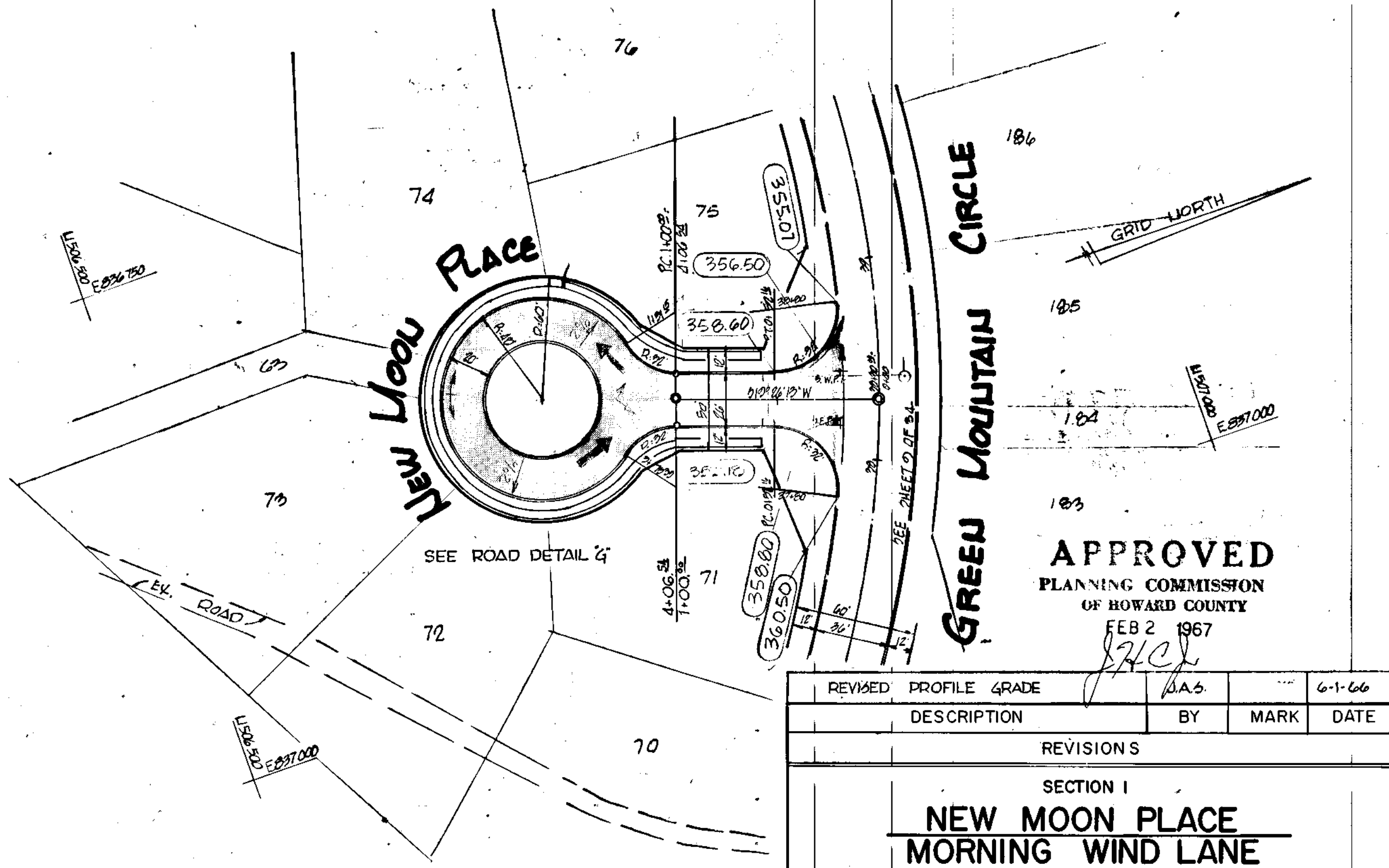
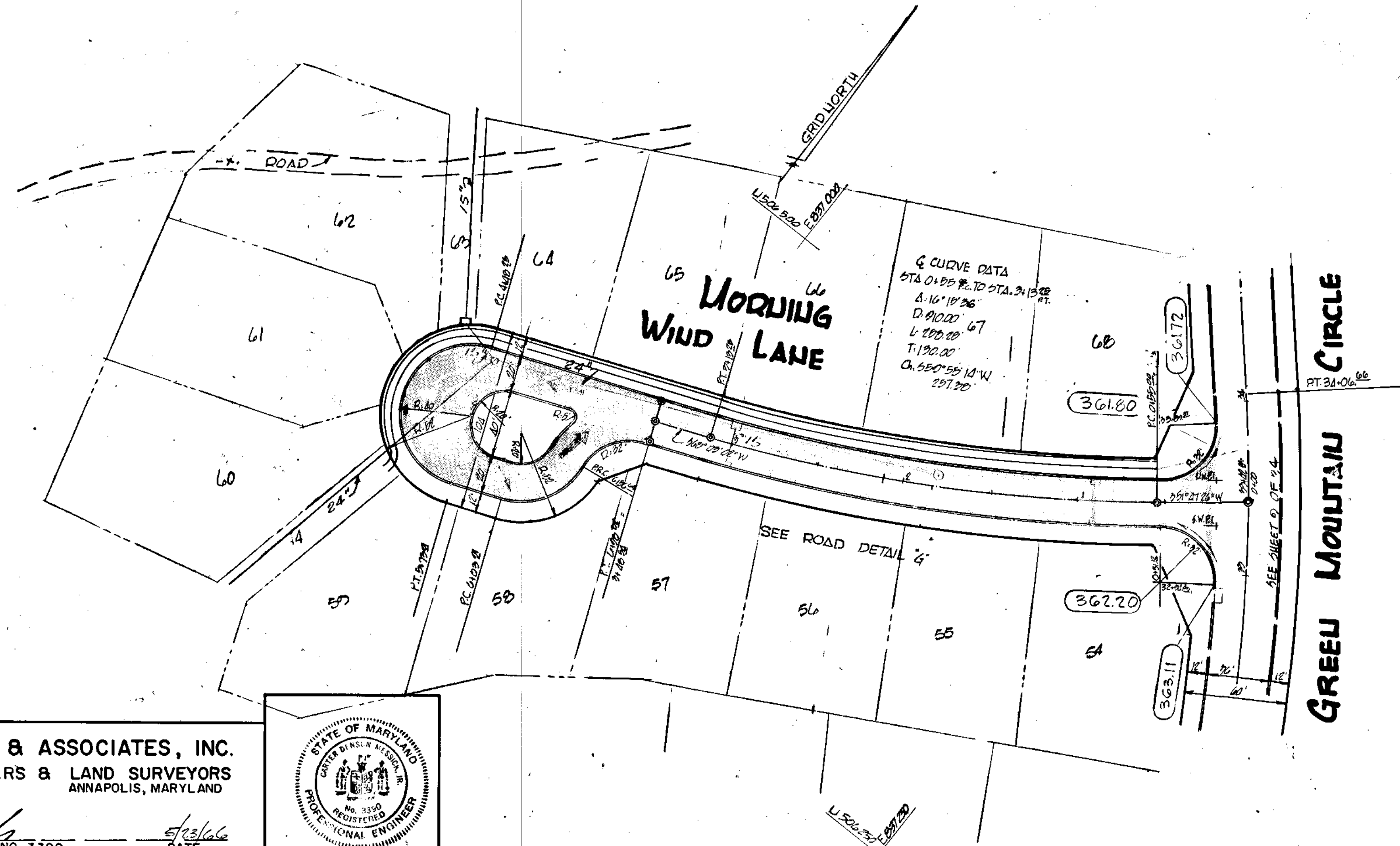
GENERAL REVISIONS; PLAN & PROFILE	W.H.D.	10-19-66	
REVISED PROFILE GRADE & PLAN STATIONING	J.C.S.	9-22-66	
REVISED PROFILE GRADE	J.A.S.	6-1-66	
DESCRIPTION	BY	MARK	DATE

REVISIONS	
SECTION I	
WILLIAM TELL LANE	
BRYANT WOODS	
COLUMBIA	
ROAD PLAN	
SCALE: AS SHOWN	DATE: 5-24-66
DESIGNED BY: J.A.S. J.C.S.	TRACED BY: J.B.G.
CHECKED BY: REL.	DRAWING NO.: 16 of 34

PROFILE  
 SURVEYED BY: [ ]  
 CHECKED BY: J.E. GARZT  
 DATE: 5-1-66



PLAN	DATE
NO.	BY
REVISED	CHECKED
NOTE BOOK	ALIGNED CHECKED
	PT. OF WAY CHECKED



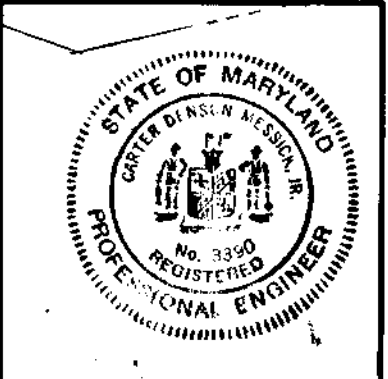
APPROVED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967

REVISIONS	DESCRIPTION	BY	MARK	DATE

SECTION I  
**NEW MOON PLACE**  
MORNING WIND LANE  
BRYANT WOODS  
**COLUMBIA**  
ROAD PLAN

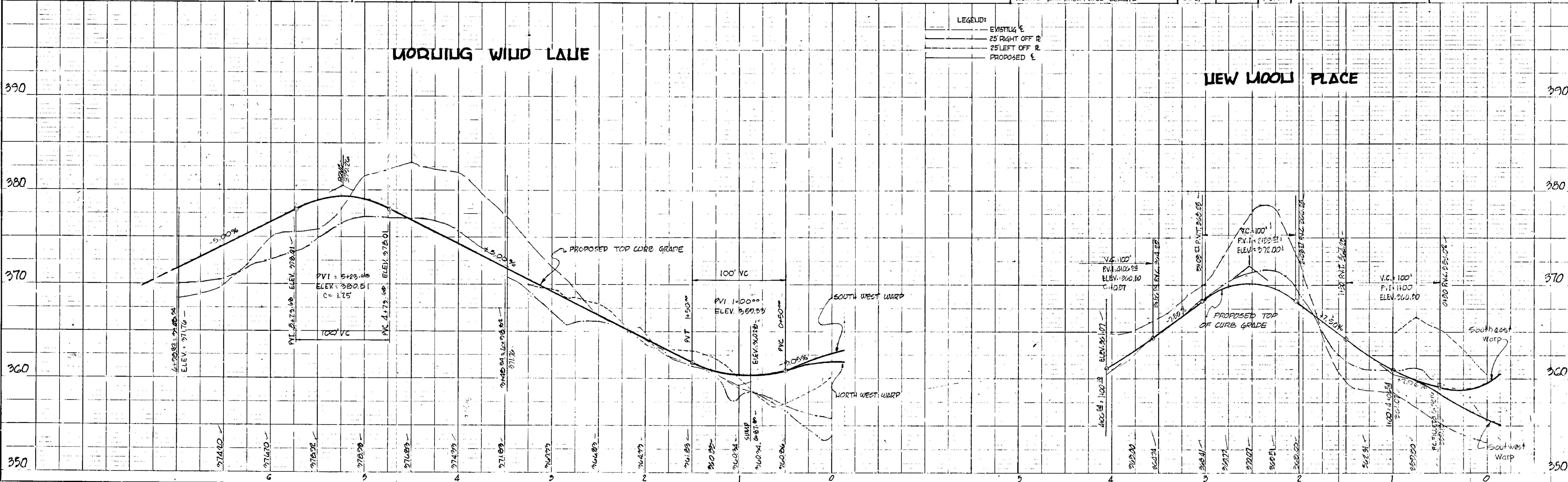
SCALE: AS SHOWN	DATE: 5-20-66
DESIGNED BY: J.A.S. J.C.S.	TRACED BY: J.B.G. A.R.S.
CHECKED BY: REL.	DRAWING NO.: 17 OF 34

**C. D. MESSICK JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND



GENERAL REVISIONS	PLANS & PROFILE	W.H.D.	DATE
REVISED MORNING WIND LANE	J.B.G.		7-27-66
REVISED PROFILE GRADE	J.B.G.		7-27-66
REVISED MORNING WIND LANE LENGTH	J.B.G.		7-27-66
REVISED NEW MOON PLACE LENGTH	J.B.G.		7-27-66

PROFILE	DATE
NO.	BY
REVISED	CHECKED
NOTE BOOK	GRADES CHECKED
	PT. OF WAY CHECKED

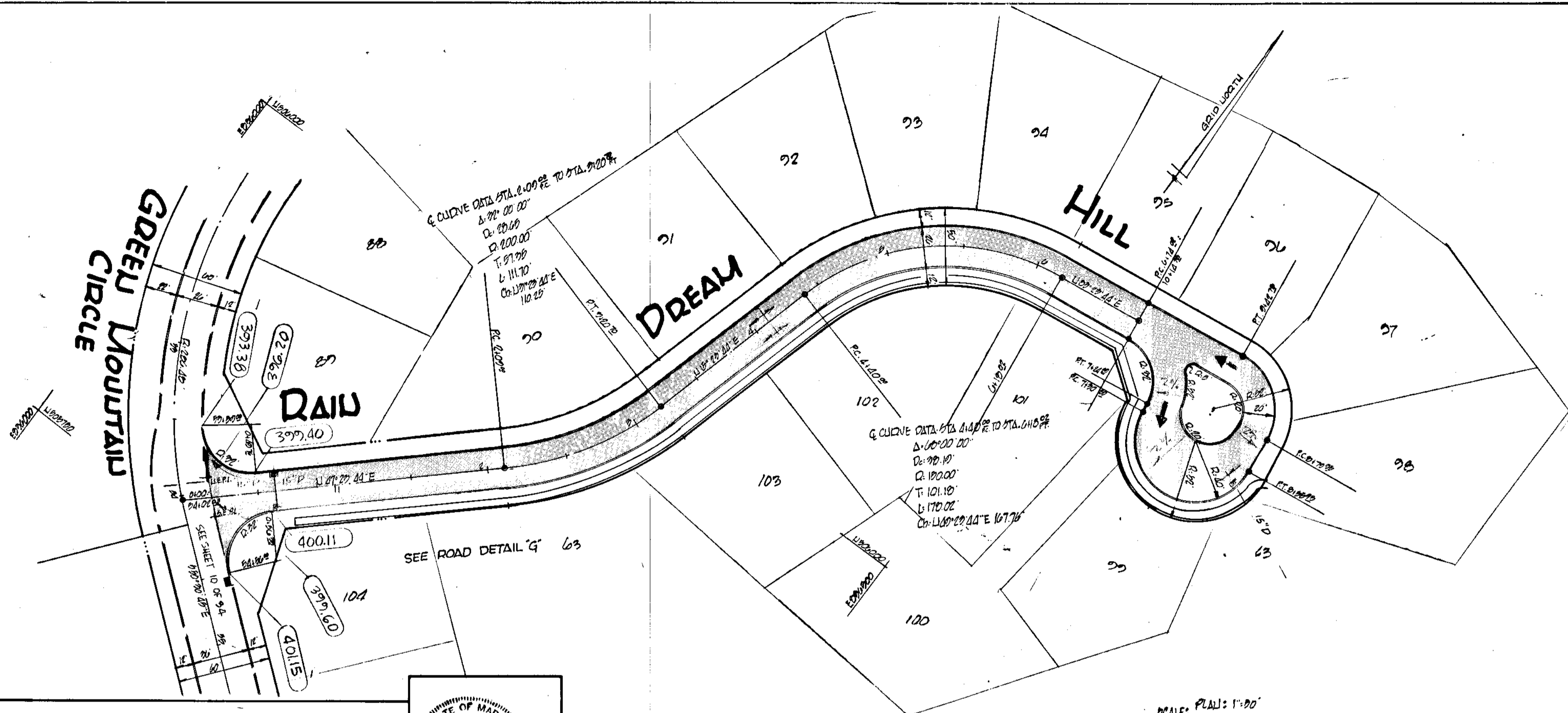


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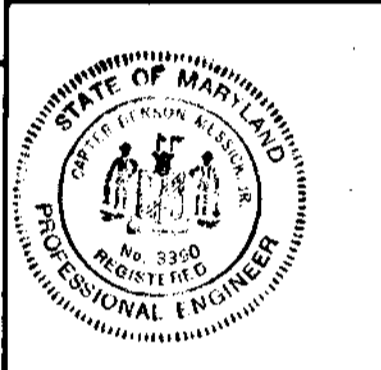




PLAN	DATE
REVISED	
NO. BOOK	
NO. SHEET	
NO. DRAWING	



**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* 7-25-66  
 C.D. MESSICK JR. P.E. NO. 3390 DATE

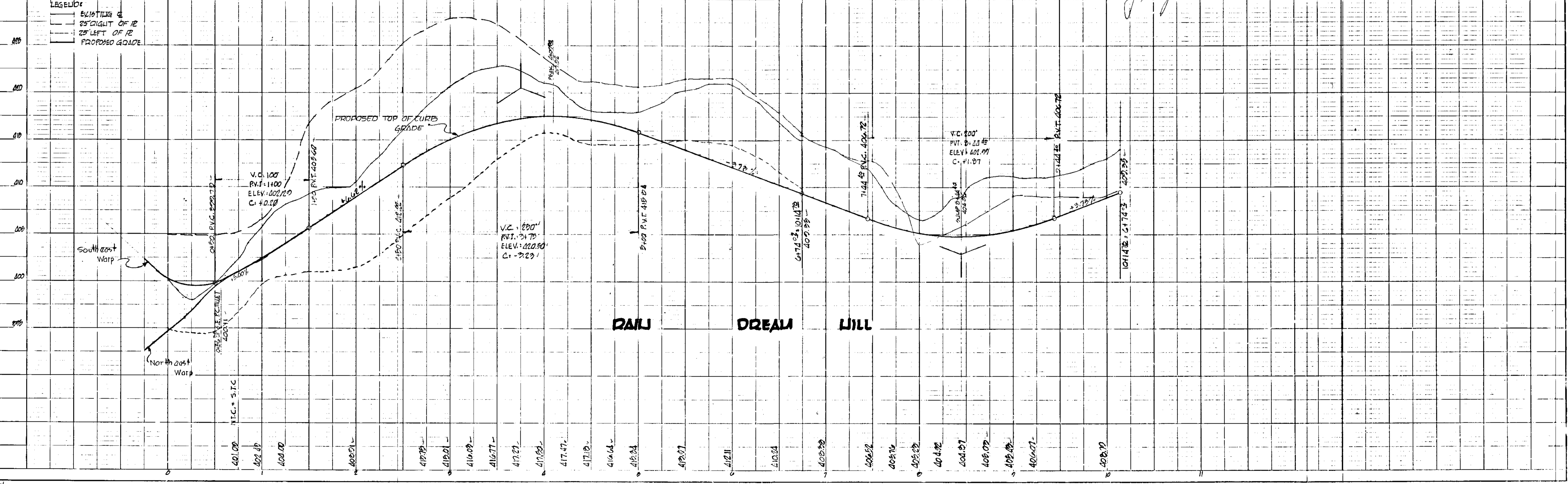


SCALE: PLAN: 1"=100'  
 PROFILE: 1"=10.00'  
 VERT. 1"=8'

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
*J.H.C.*

GENERAL REVISIONS PLAN & PROFILE		W.H.D.	10-19-66
DESCRIPTION	BY	MARK	DATE
REVISIONS			
SECTION I			
<b>RAIN DREAM HILL</b>			
BRYANT WOODS			
<b>COLUMBIA</b>			
ROAD PLAN			
SCALE: AS SHOWN	DATE: 7-25-66		
DESIGNED BY: J.A.S. JCS	TRACED BY: JBG		
CHECKED BY:	DRAWING NO. 19 of 34		

PROFILE	DATE
REVISED	
NO. BOOK	
NO. SHEET	
NO. DRAWING	



PLANNING & ENGINEERING  
 HETTEL & ESSER CO.  
 411 707A 117 BCLU E.P.E. DRAWING FILM 2017

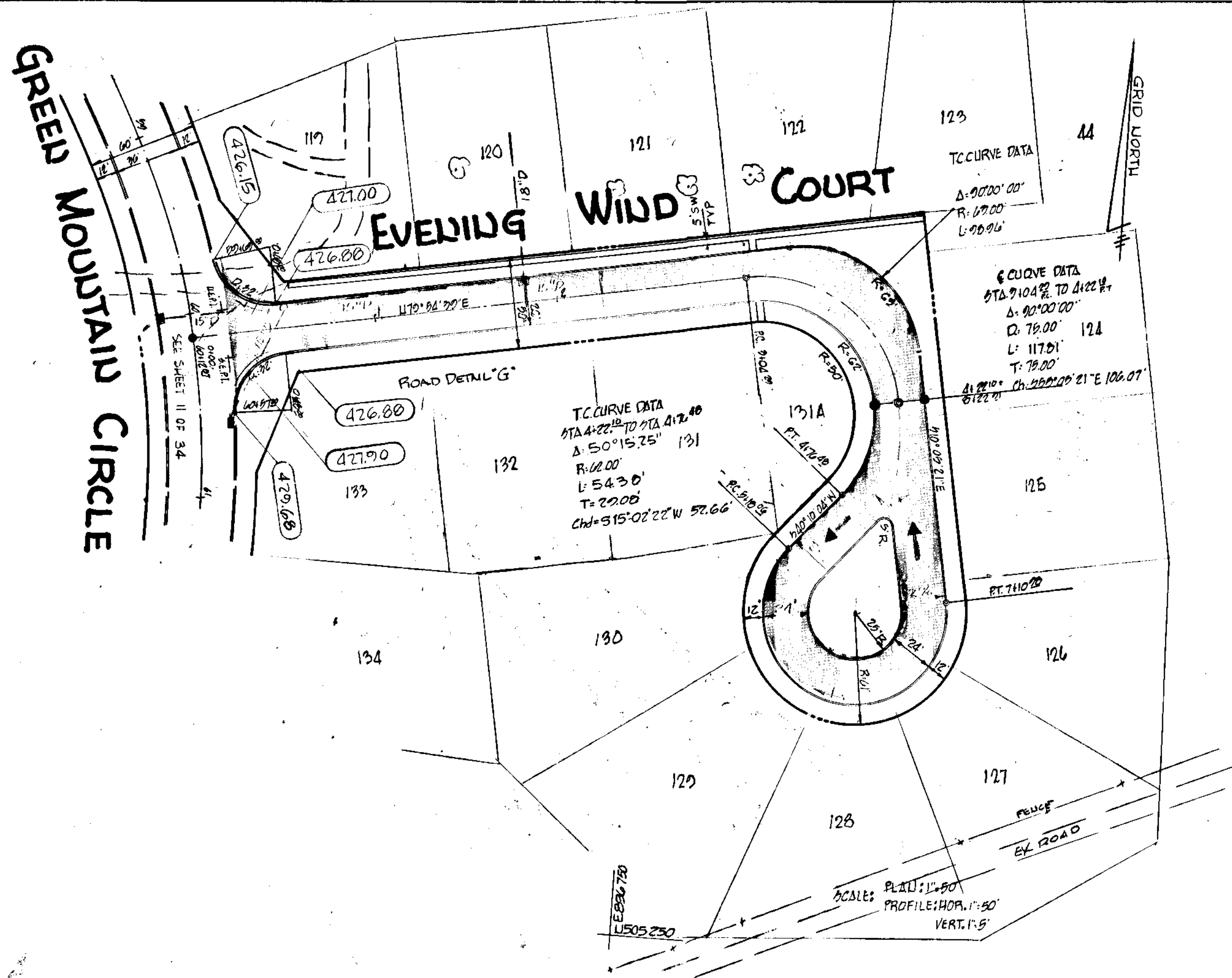




PLAN  
 DATE  
 BY  
 CHECKED  
 NO.

PROFILE  
 DATE  
 BY  
 CHECKED  
 NO.

C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. MESSICK JR. P.E. NO. 3390  
 DATE 5/23/66

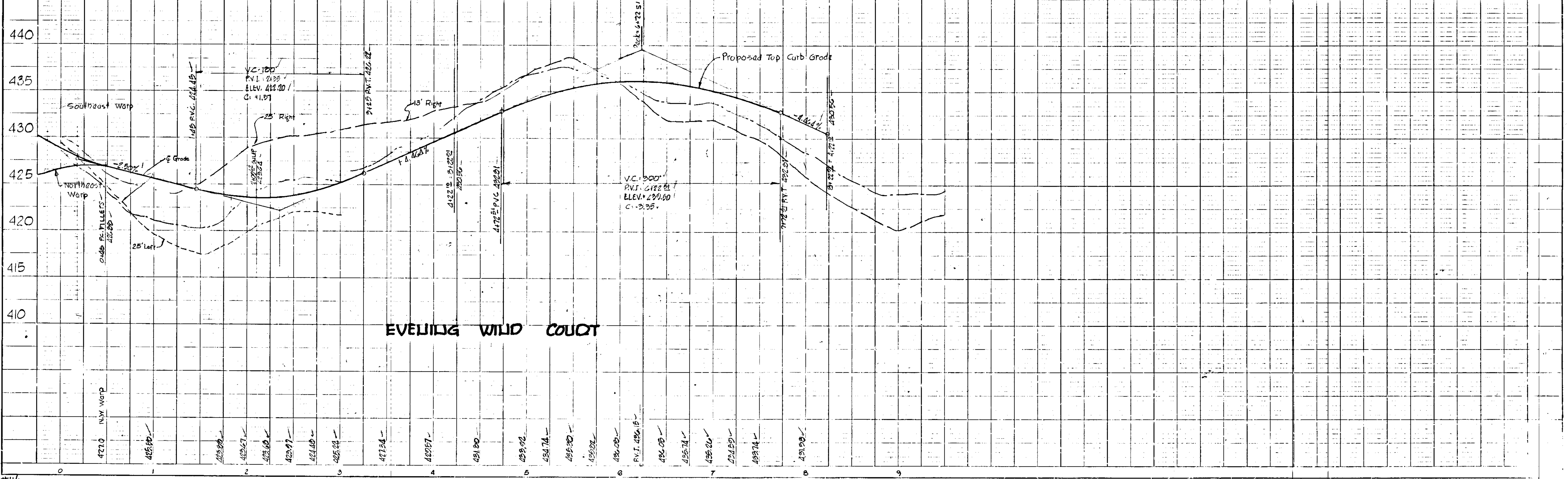


APPROVED  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967  
*J.K.P.*

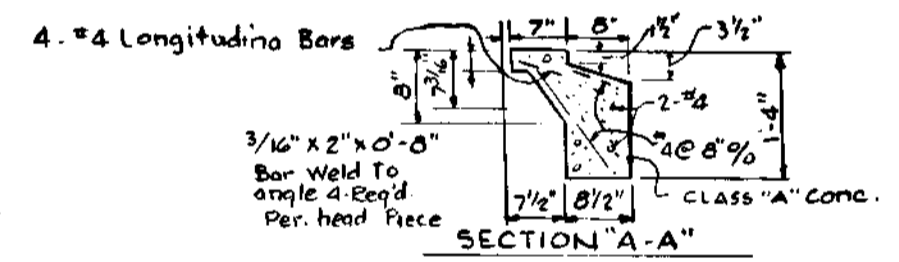
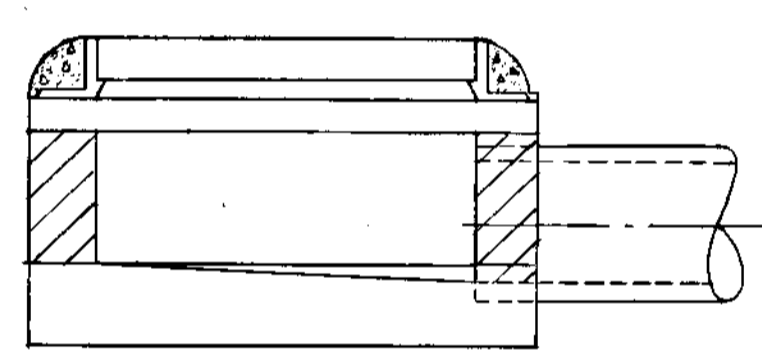
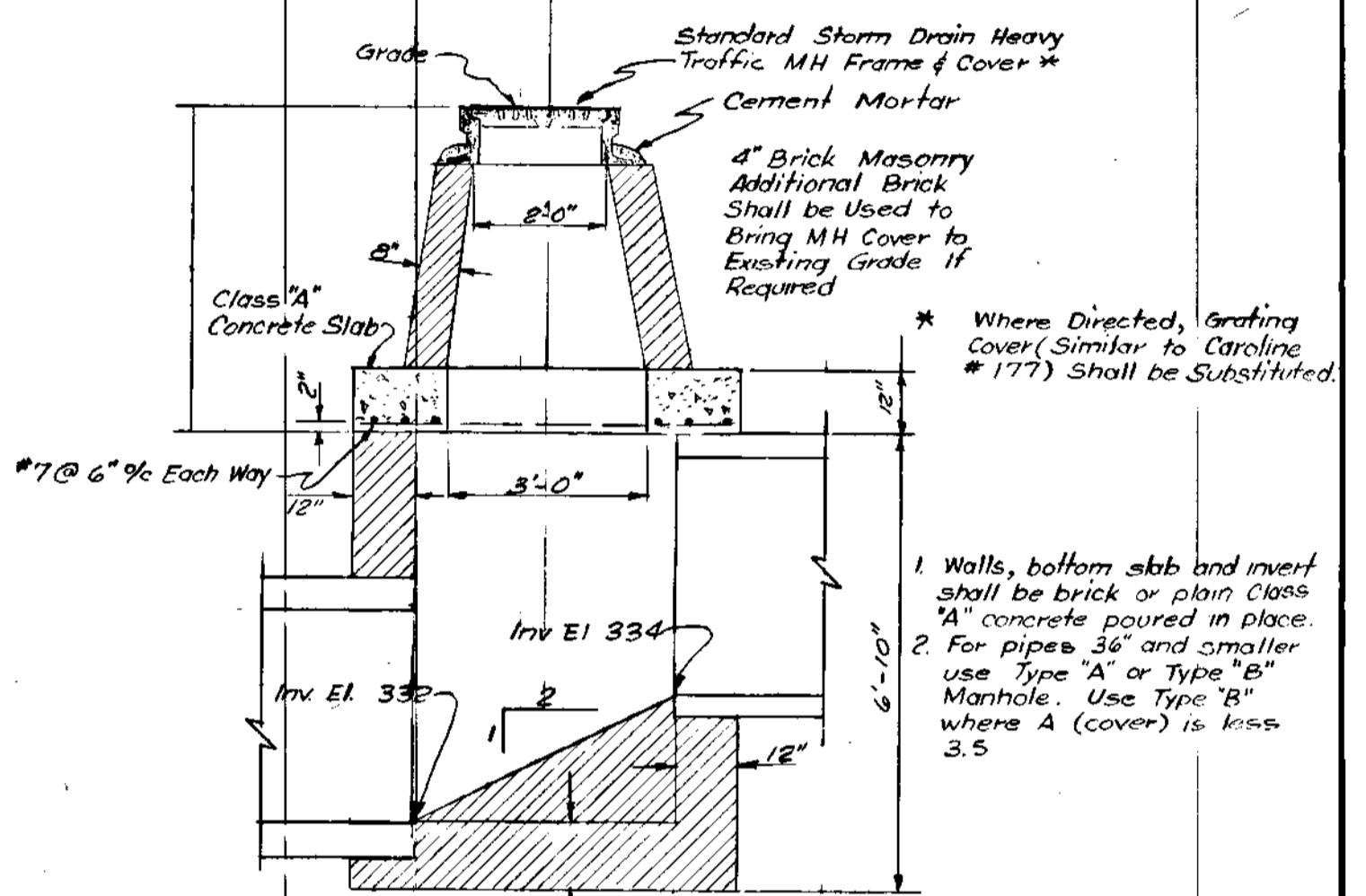
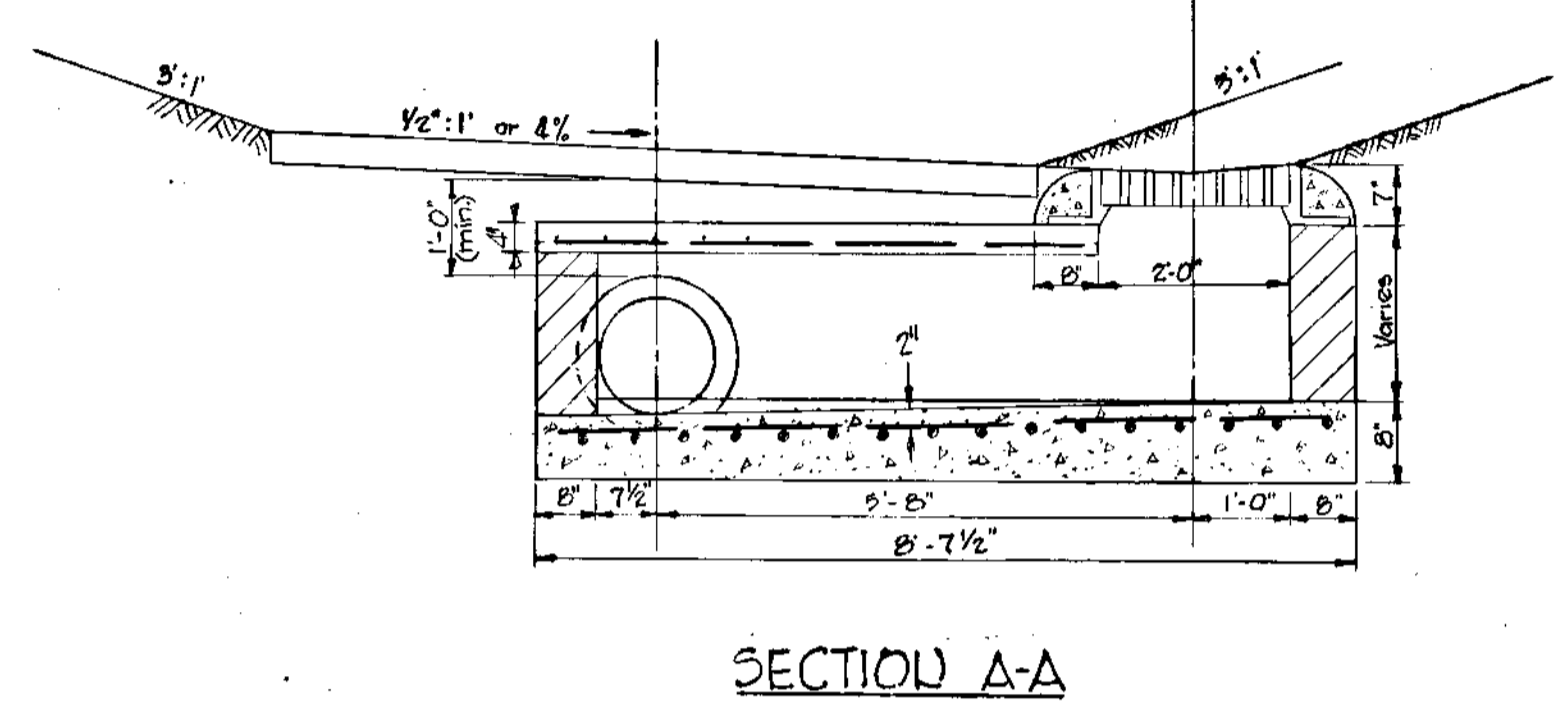
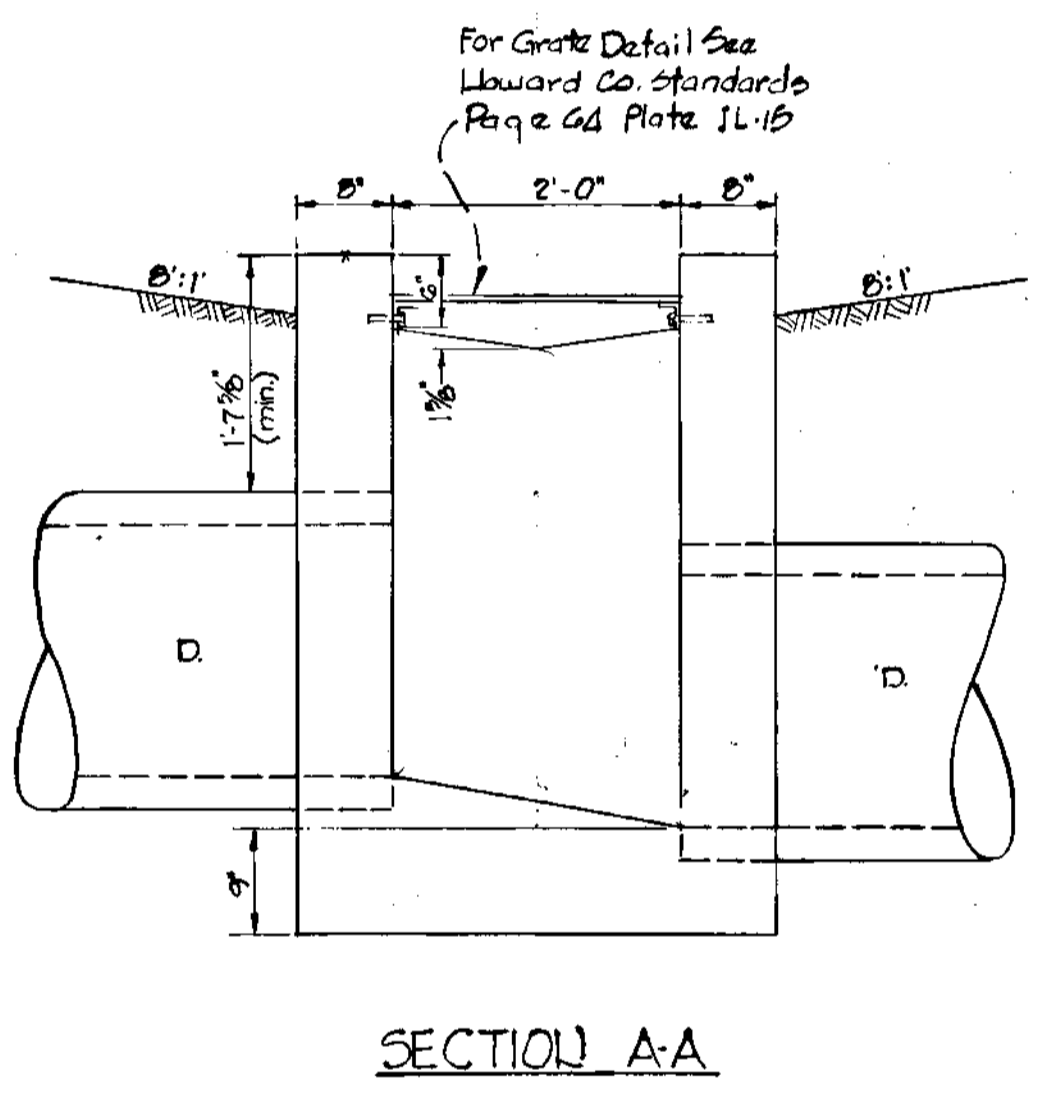
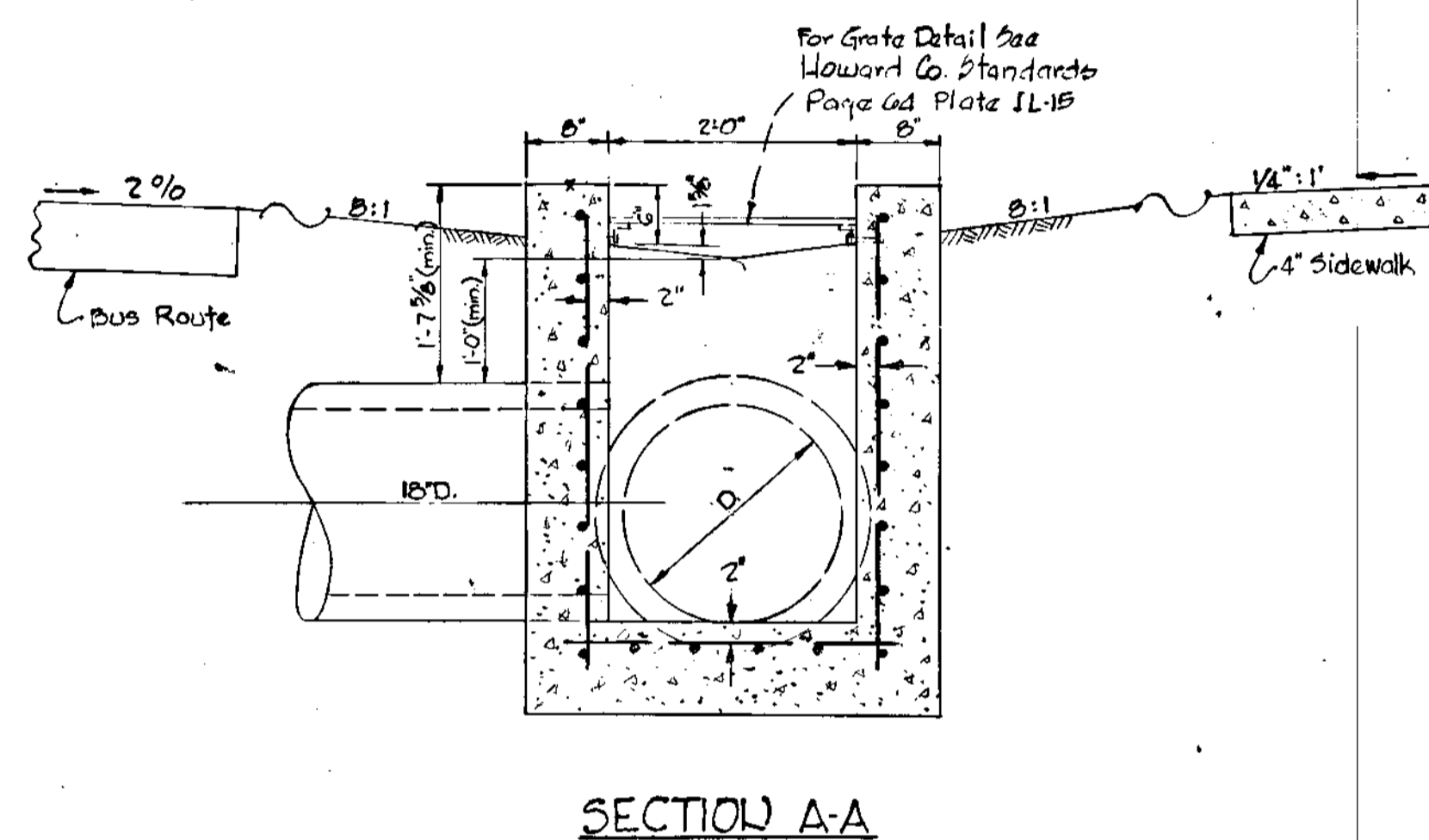
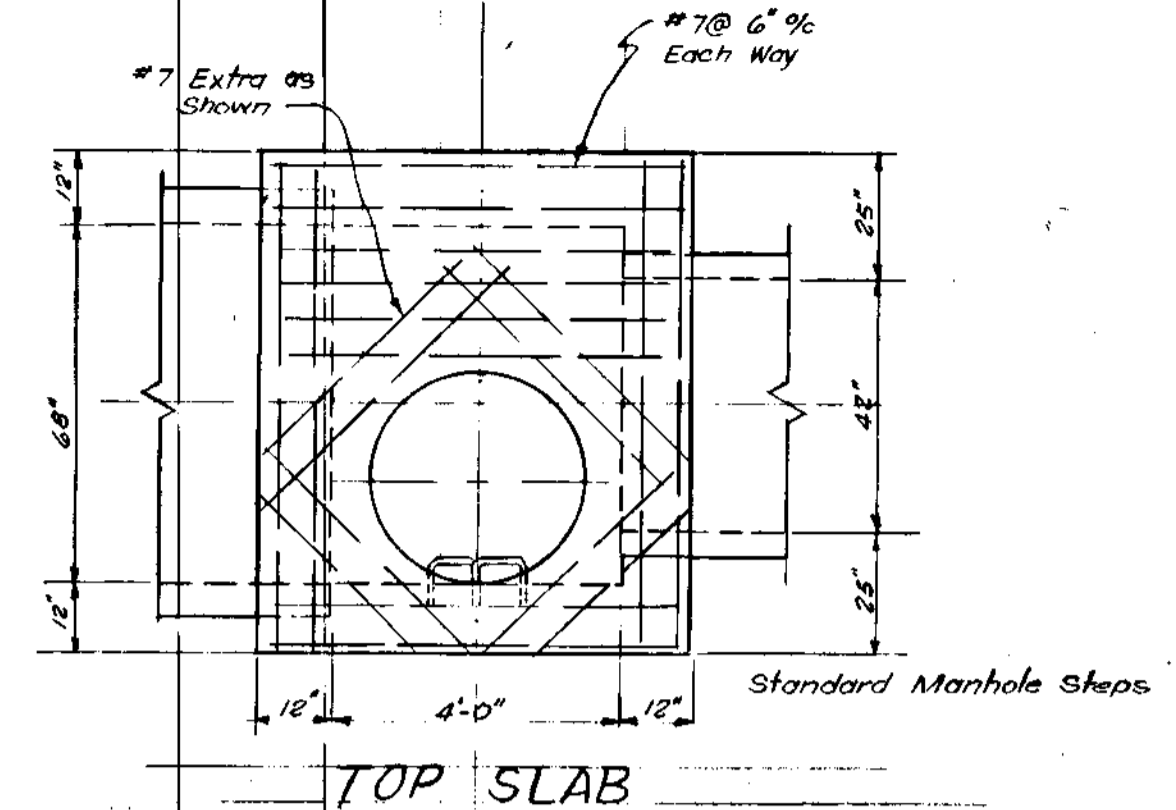
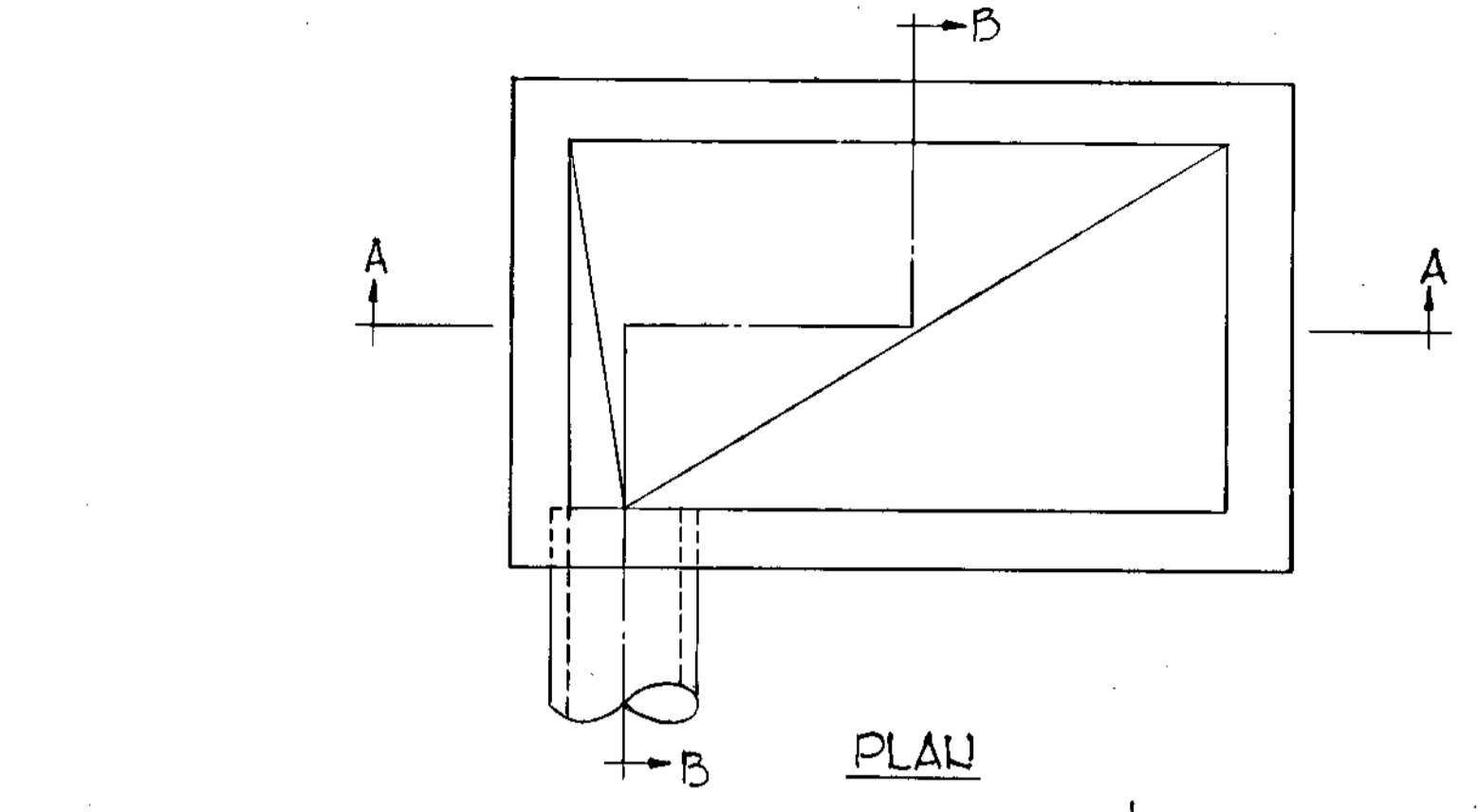
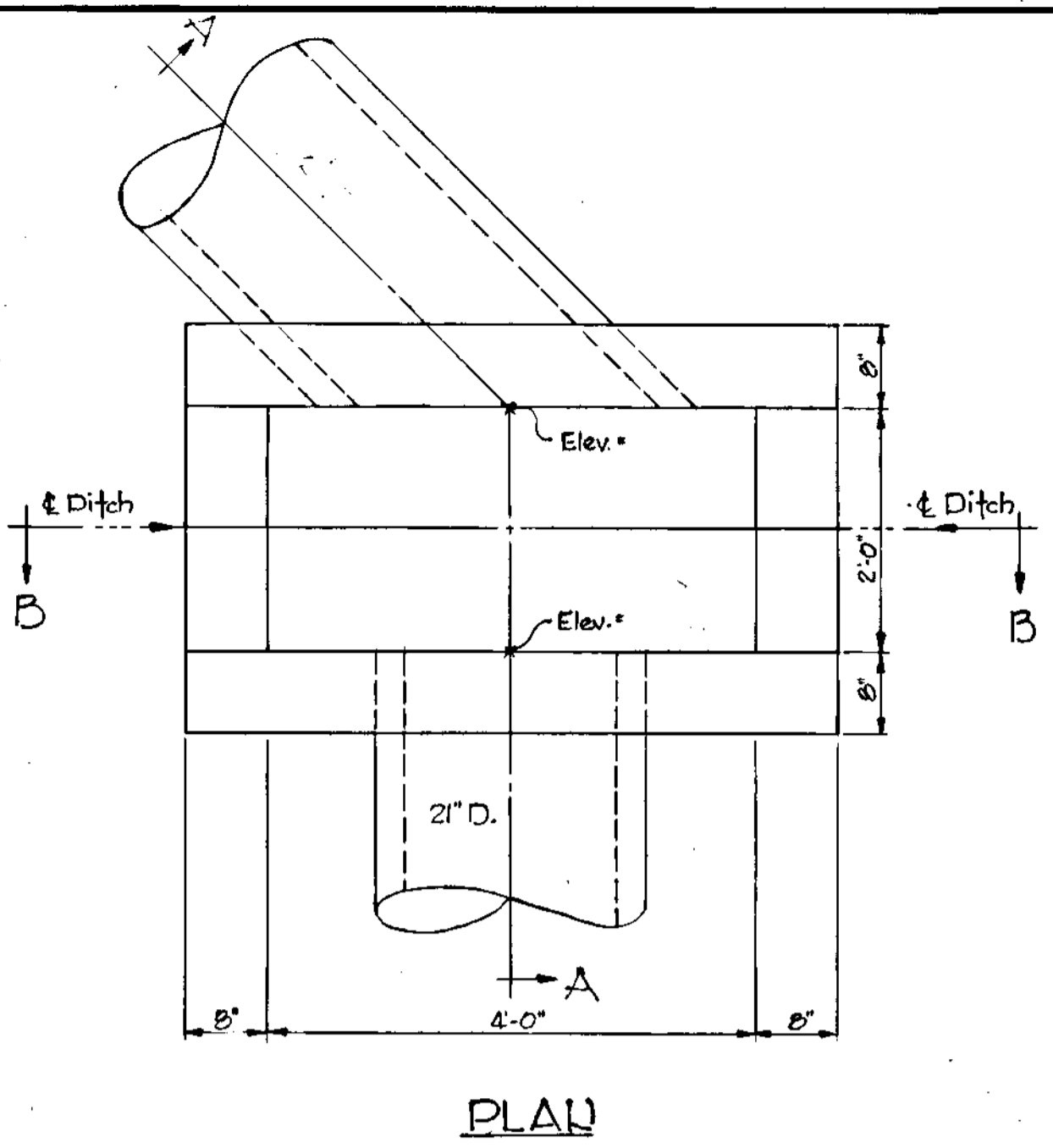
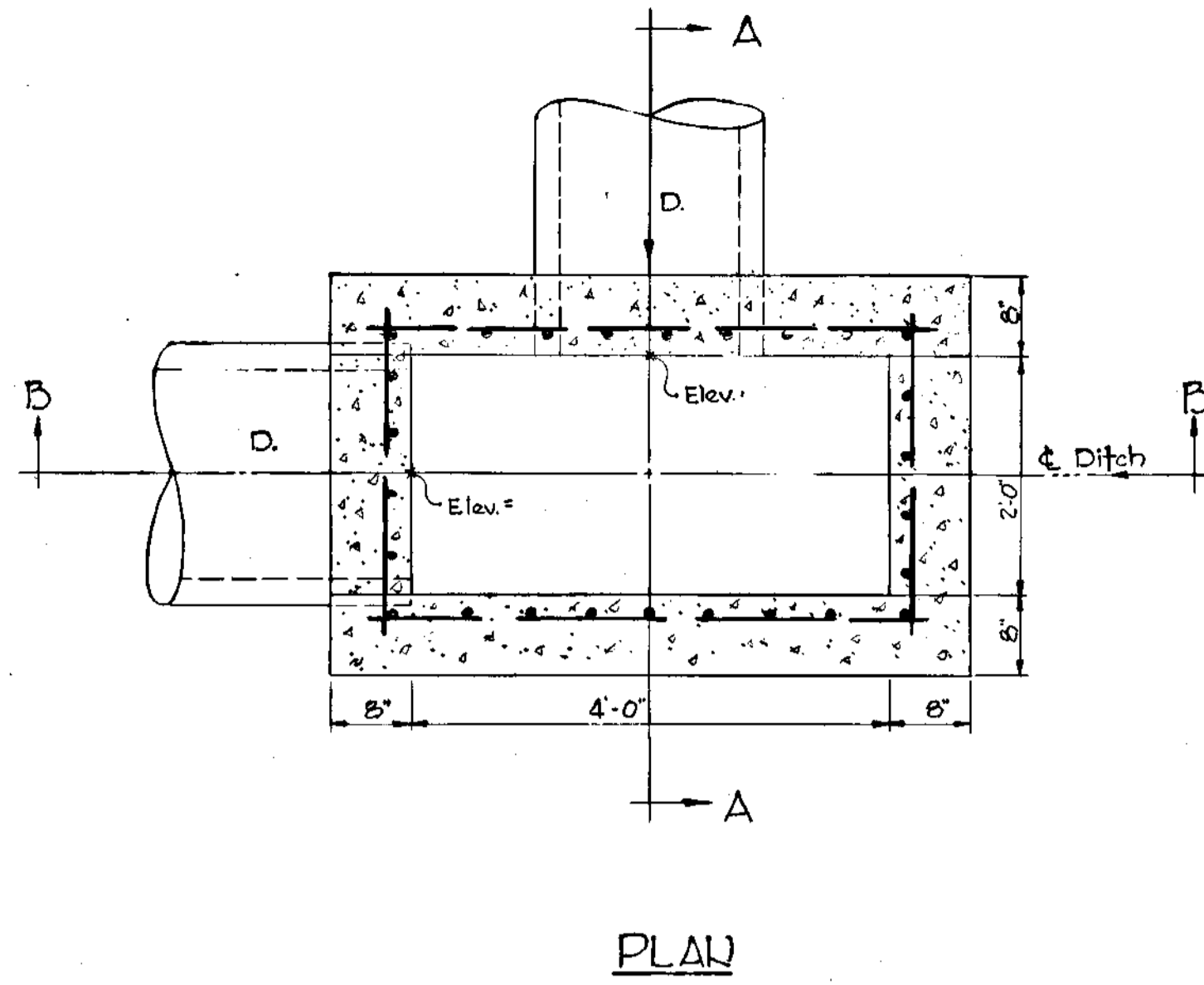
GENERAL REVISIONS PLAN & PROFILE	WHO	DATE
Revised T.C. Curve Data 3+04.92 to 4+76.40'	JAS	8-28-66
REV. PROFILE GRADE	JBG	8-1-66
REV. PROFILE GRADE	JBG	7-27-66
REVISED ROAD STATIONS	JBG	7-12-66
Revised Road Grades from 0+00 to 3+00	JAS	6-23-66
Revised Sheet number	ARS	6-20-66
REVISED PROFILE GRADE	JAS	6-1-66

DESCRIPTION	BY	MARK	DATE
REVISIONS			
SECTION I			
<b>EVENING WIND COURT</b>			
BRYANT WOODS			
<b>COLUMBIA</b>			
ROAD PLAN			

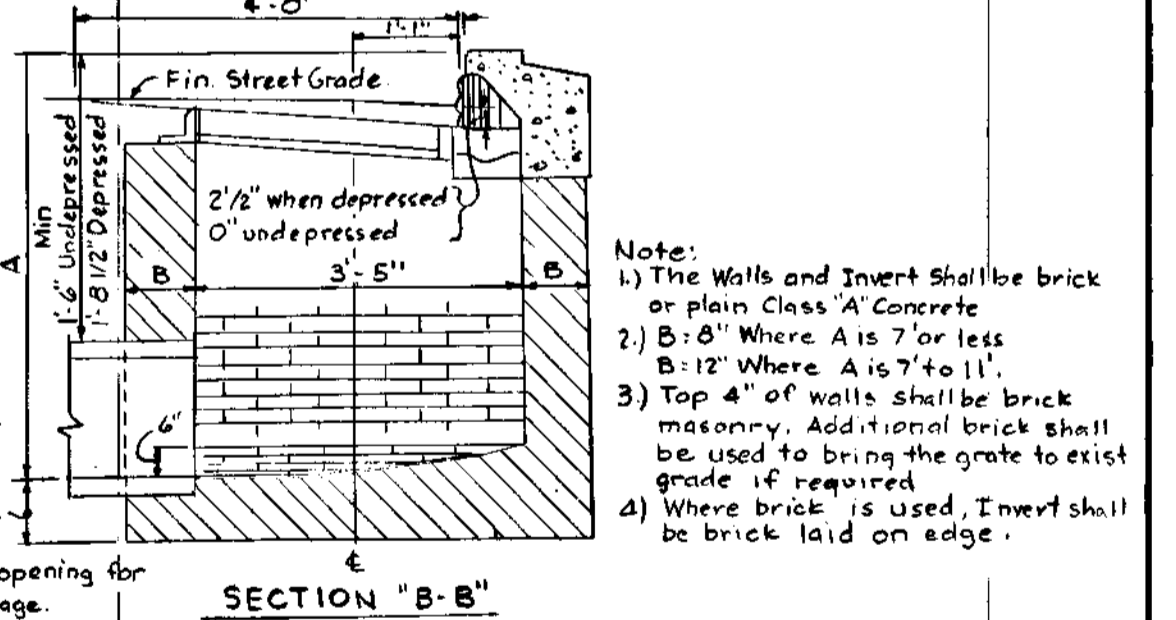
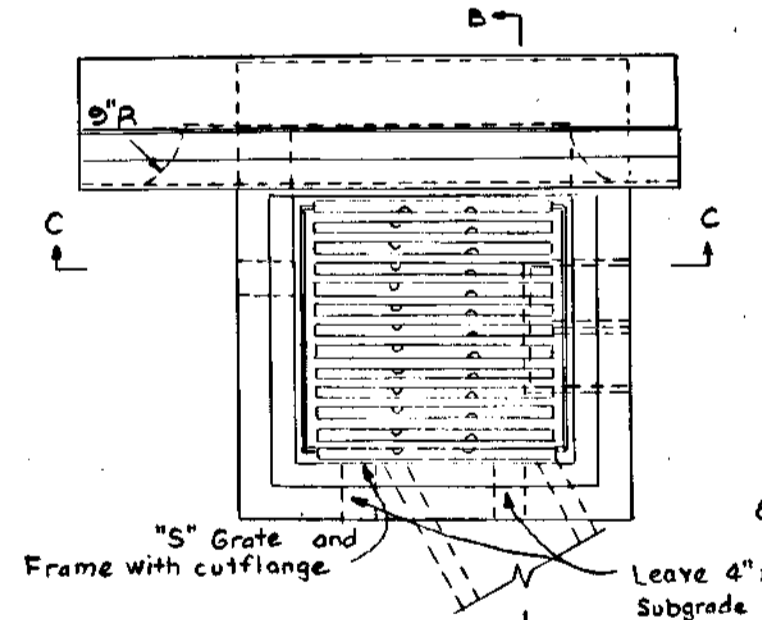
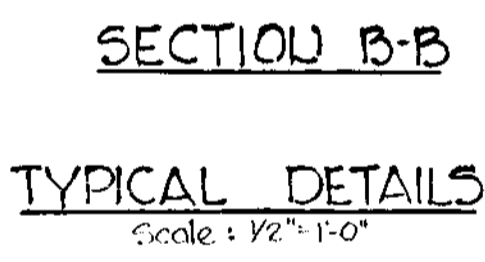
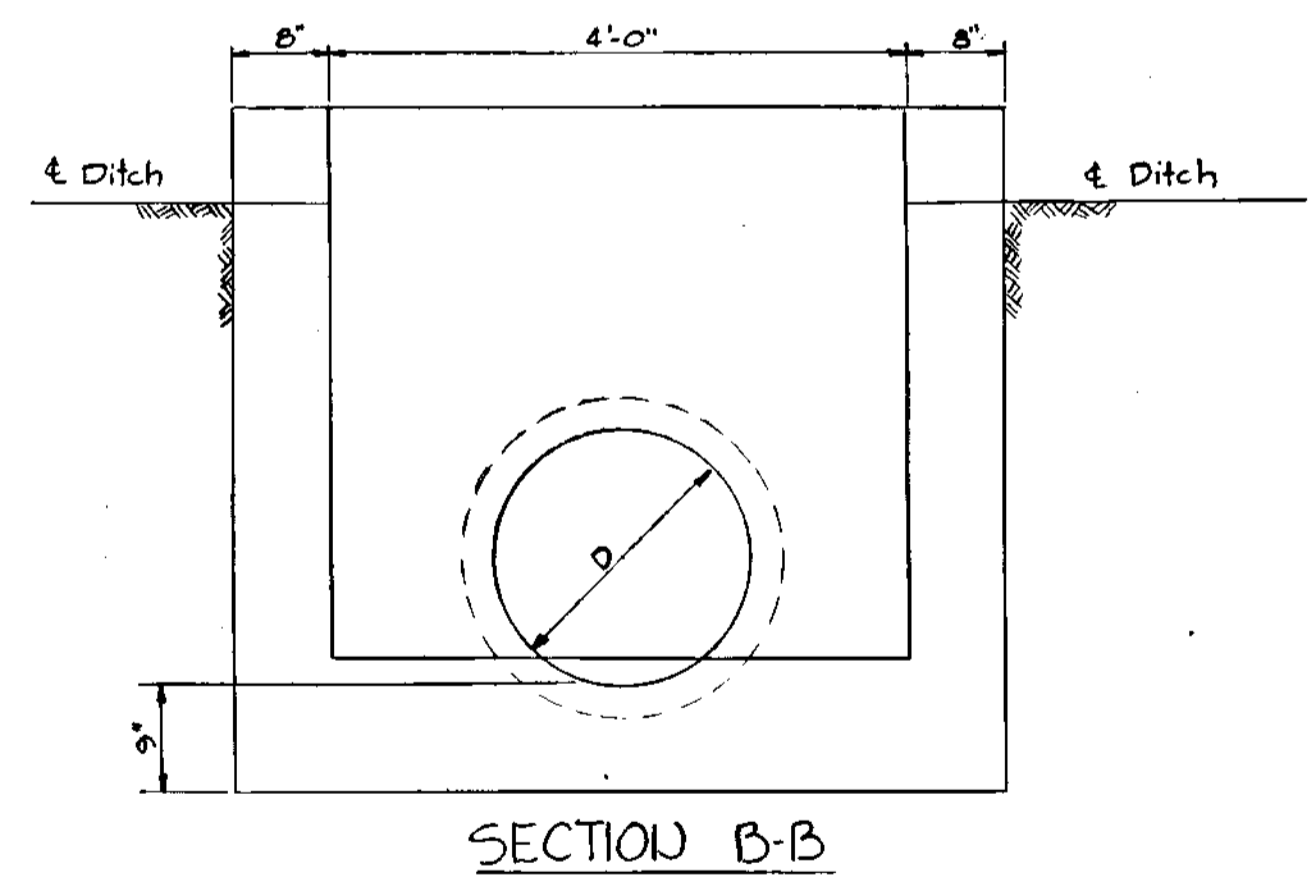
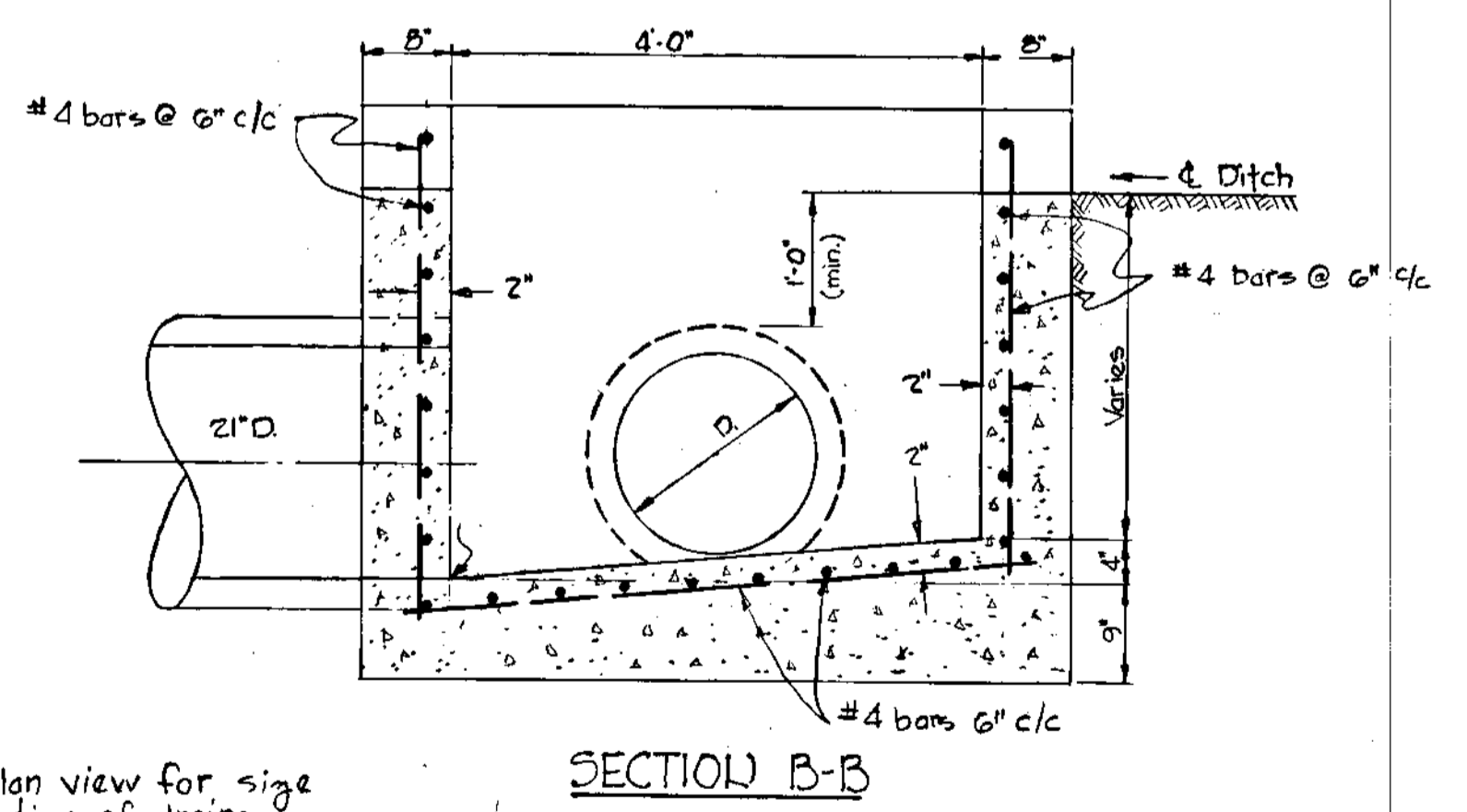
SCALE AS SHOWN	DATE: 5-24-66
DESIGNED BY: J.C.S. JAS	TRACED BY: A.R.S.
CHECKED BY: REL	DRAWING NO. 21 of 34



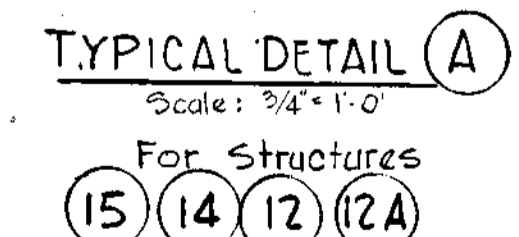




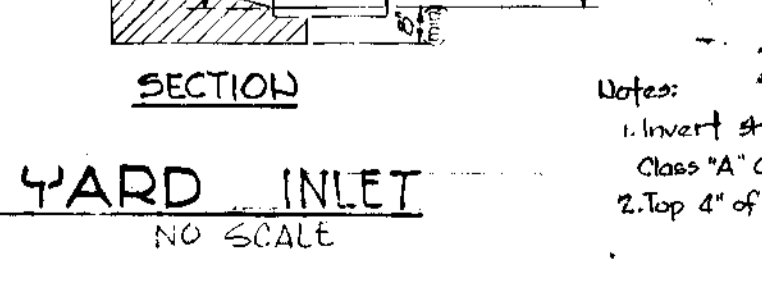
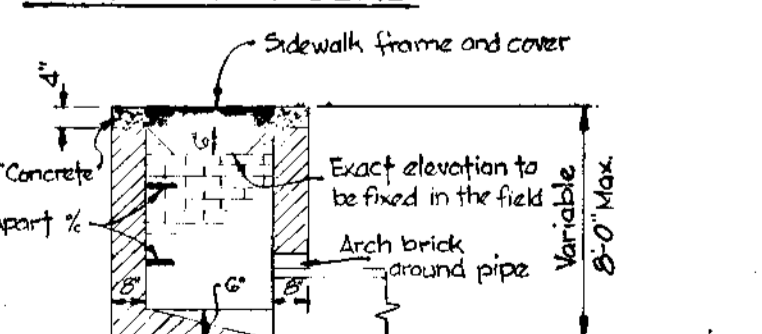
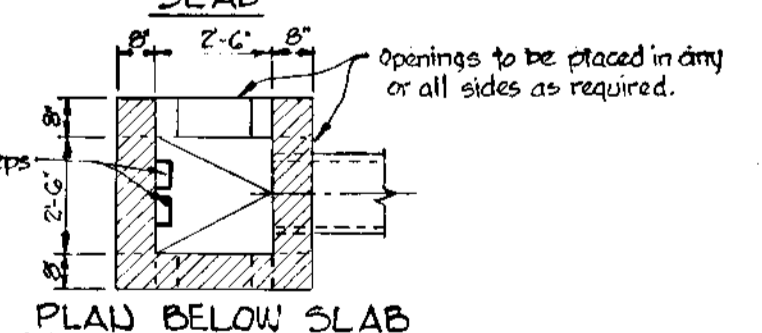
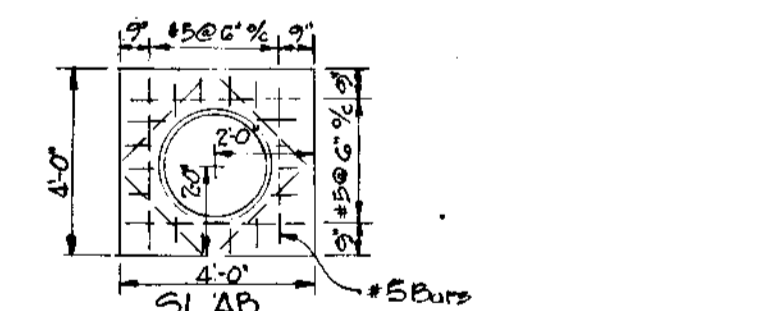
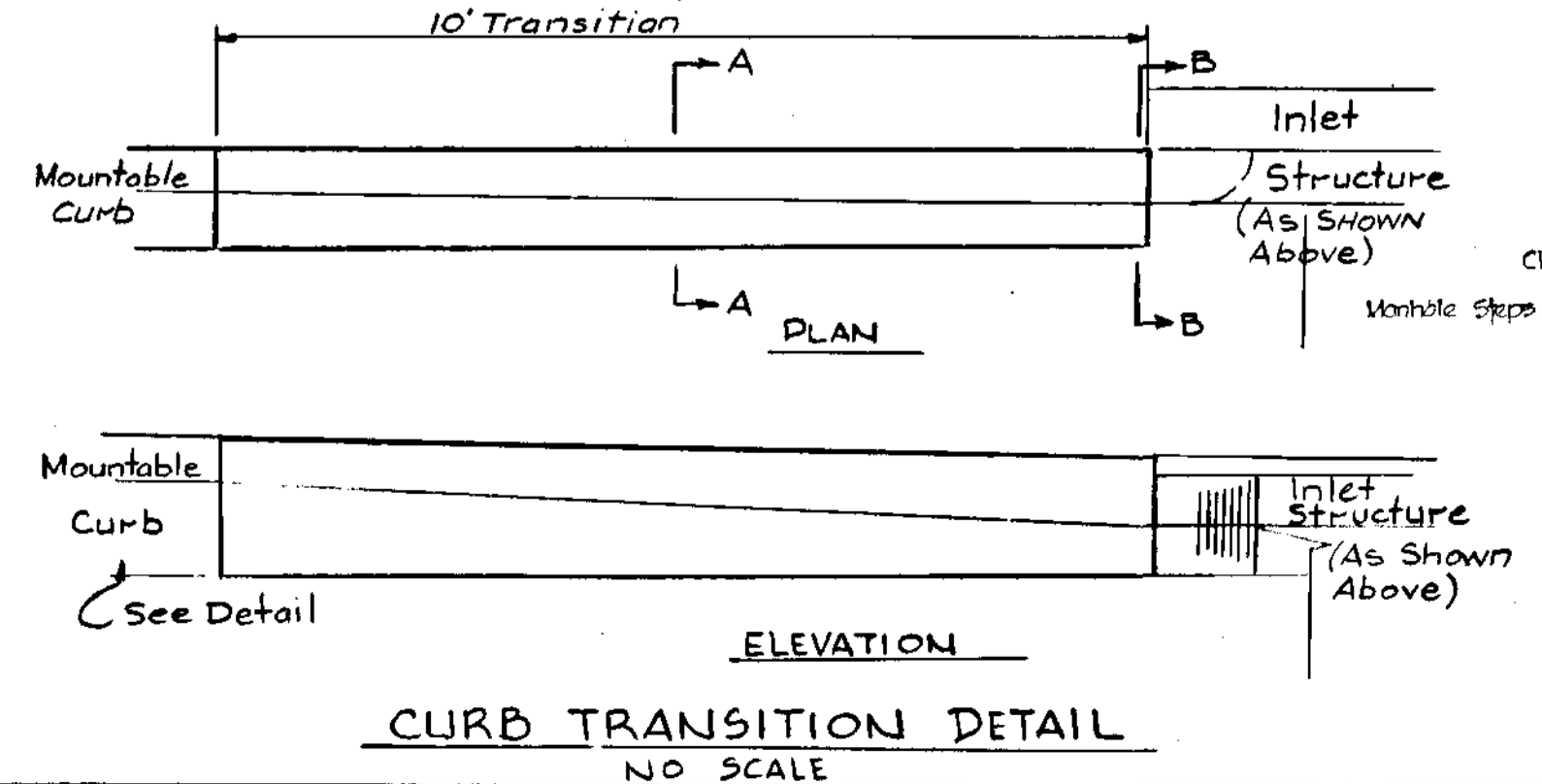
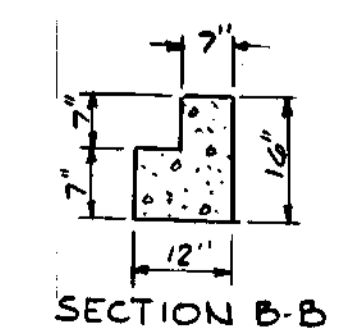
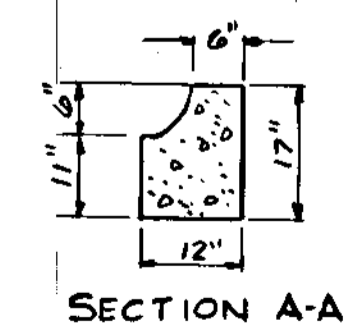
**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2, 1967  
*[Signature]*



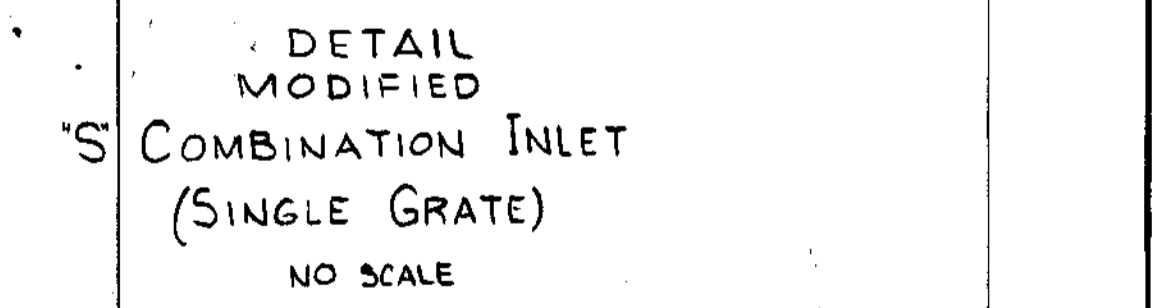
Note:  
 See plan view for size  
 and location of drains.



NOTE:  
 For any details not shown see  
 Howard Co. Standards Pg. 145 R D-90

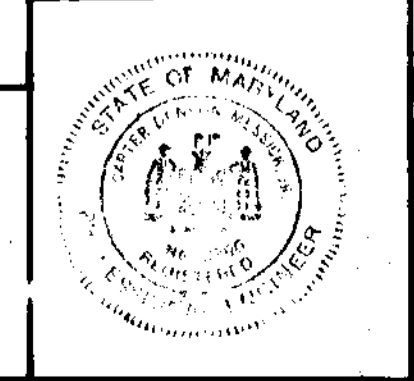


Notes:  
 1. Invert shall be brick or plain  
 Class "A" Concrete.  
 2. Top 4" of walls shall be brick masonry.

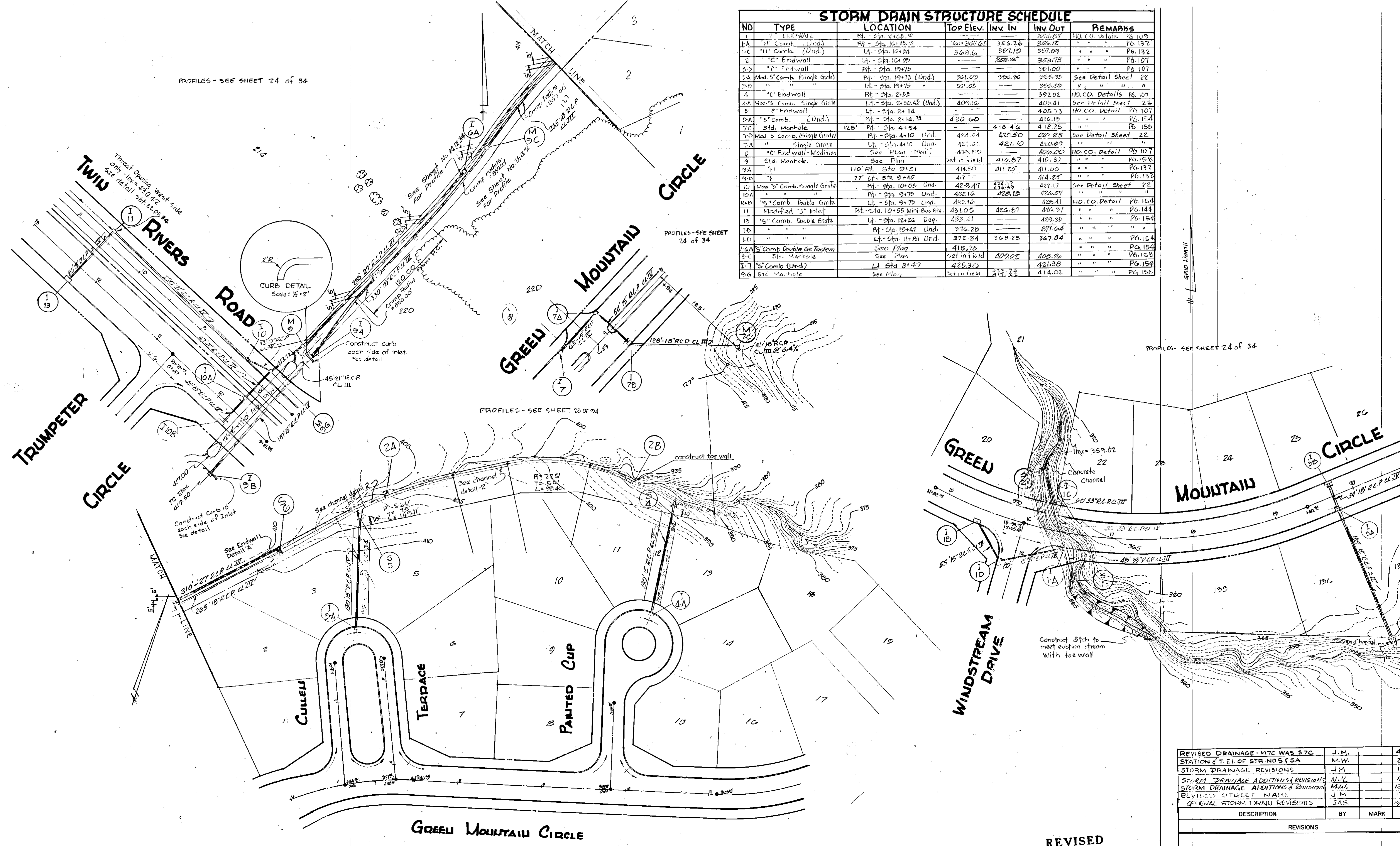


DESCRIPTION	BY	MARK	DATE
GENERAL STORM DRAIN REVISIONS	JAS		10-17-66
REVISIONS			
<b>VILLAGE OF WILDE LAKE</b>			
<b>DETAILS BRYANT WOODS COLUMBIA</b>			
SCALE: AS SHOWN	DATE:		
DESIGNED BY: JAS	TRACED BY: ARS		
CHECKED BY:	DRAWING NO. 22 of 34		

C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. MESSICK JR. PE. 3390



NO	TYPE	LOCATION	TOP ELEV.	INV. IN	INV. OUT	REMARKS
1	"C" Endwall	Rt. Sta. 16+00.00	367.10	356.26	361.07	HO. CO. Detail Pg. 109
1A	"H" Comb. (Und.)	Rt. Sta. 16+45.33	367.10	357.10	361.07	Pg. 132
1-C	"H" Comb. (Und.)	Lt. Sta. 16+24	368.10	357.10	361.07	" " " Pg. 132
2	"C" Endwall	Lt. Sta. 16+00	368.70	358.75	361.07	" " " Pg. 107
2-2	"C" Endwall	Rt. Sta. 19+75	361.00	351.00	361.00	" " " Pg. 107
2A	Mod. "S" Comb. (Single Grate)	Rt. Sta. 19+75 (Und.)	361.00	350.36	355.95	See Detail Sheet 22
2-B	" " " " " "	Lt. Sta. 19+75	361.00	350.36	355.95	" " " " " "
4	"C" Endwall	Rt. Sta. 2+55	392.02	382.02	392.02	HO. CO. Details Pg. 107
4A	Mod. "S" Comb. (Single Grate)	Lt. Sta. 2+30.45 (Und.)	409.10	400.01	405.01	See Detail Sheet 22
5	"C" Endwall	Lt. Sta. 2+14	405.73	405.73	405.73	HO. CO. Detail Pg. 107
5A	"S" Comb. (Und.)	Rt. Sta. 2+14.25	420.60	410.10	410.10	Pg. 154
7C	Std. Manhole	Rt. Sta. 4+94	418.46	418.25	418.25	" " " Pg. 158
7B	Mod. "S" Comb. (Single Grate)	Rt. Sta. 4+10 (Und.)	424.64	420.50	422.25	See Detail Sheet 22
7A	" " " " " "	Lt. Sta. 4+10 (Und.)	424.64	421.10	420.50	" " " " " "
6	"C" Endwall-Modification	See Plan	408.70	406.00	406.00	HO. CO. Detail Pg. 107
9	Std. Manhole	See Plan	410.87	410.37	410.37	" " " Pg. 158
9A	" " " " " "	110' Rt. Sta. 9+51	414.50	411.25	411.00	" " " Pg. 132
9-B	" " " " " "	77' Lt. Sta. 9+45	417.00	414.25	414.25	" " " Pg. 132
10	Mod. "S" Comb. (Single Grate)	Rt. Sta. 10+05 (Und.)	422.47	422.17	422.17	See Detail Sheet 22
10A	" " " " " "	Lt. Sta. 9+75 (Und.)	422.16	422.15	422.15	" " " " " "
10-B	"S" Comb. Double Grate	Rt. Sta. 9+75 (Und.)	422.16	422.11	422.11	HO. CO. Detail Pg. 154
11	Modified "J" Inlet	Rt. Sta. 10+55 Mini-Bus site	431.05	426.27	426.27	" " " Pg. 144
12	"S" Comb. Double Grate	Lt. Sta. 12+26 Dep.	423.41	423.25	423.25	" " " Pg. 154
1-B	" " " " " "	Rt. Sta. 15+42 (Und.)	376.20	371.04	371.04	" " " " " "
1-D	" " " " " "	Lt. Sta. 11+81 (Und.)	372.34	368.25	367.84	" " " Pg. 154
1-6A	"S" Comb. Double Gr. Tadem	See Plan	415.75	410.00	410.00	" " " Pg. 154
2-C	Std. Manhole	See Plan	409.00	408.70	408.70	" " " Pg. 158
1-7	"S" Comb. (Und.)	Lt. Sta. 3+47	425.30	421.38	421.38	" " " Pg. 154
2-G	Std. Manhole	See Plan	417.25	414.02	414.02	" " " Pg. 158



REVISIONS	DESCRIPTION	BY	MARK	DATE
1	REVISED DRAINAGE - M7C WAS 37C	J.M.		4/7/67
2	STATION & T. E. I. OF STR. NO. 5 FSA	M.W.		2/22/67
3	STORM DRAINAGE REVISIONS	H.M.		1/16/67
4	STORM DRAINAGE ADDITIONS & REVISIONS	N.V.L.		11/2/67
5	STORM DRAINAGE ADDITIONS & REVISIONS	M.W.		12/1/66
6	REVISED STREET NAMES	J.M.		12/1/66
7	GENERAL STORM DRAIN REVISIONS	J.A.S.		11/17/67

REVISED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
MAR 15 1967

APPROVED

FEB 2 1967

VILLAGE OF WILDE LAKE

SECTION 1  
BRYANT WOODS

COLUMBIA  
SYSTEM "A"  
STORM DRAIN

SCALE: 1"=20'

DATE: 8-10-66

DESIGNED BY: J.A.S., A.R.S.

TRACED BY: A.R.S.

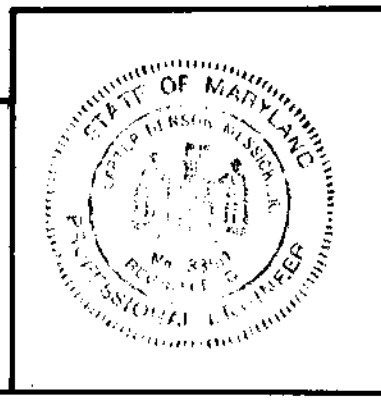
CHECKED BY: J.C.S.

DRAWING NO. 23 of 54

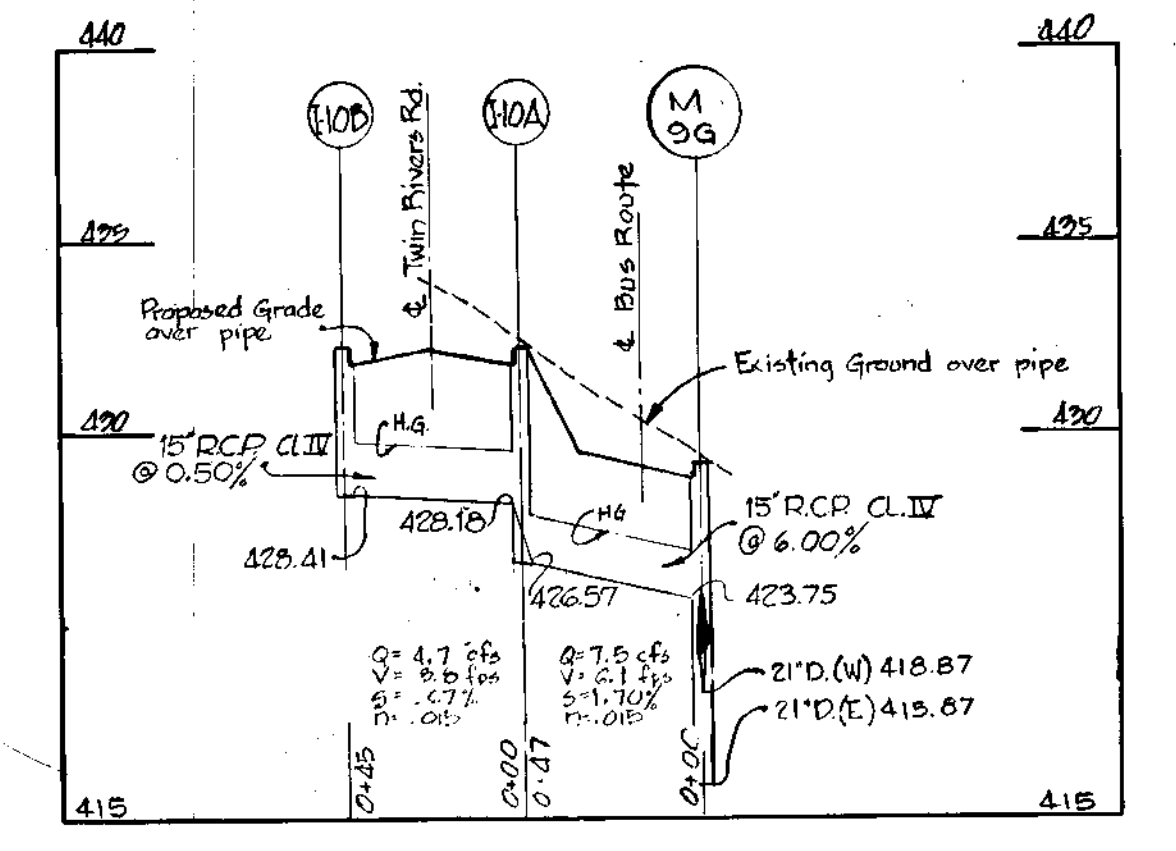
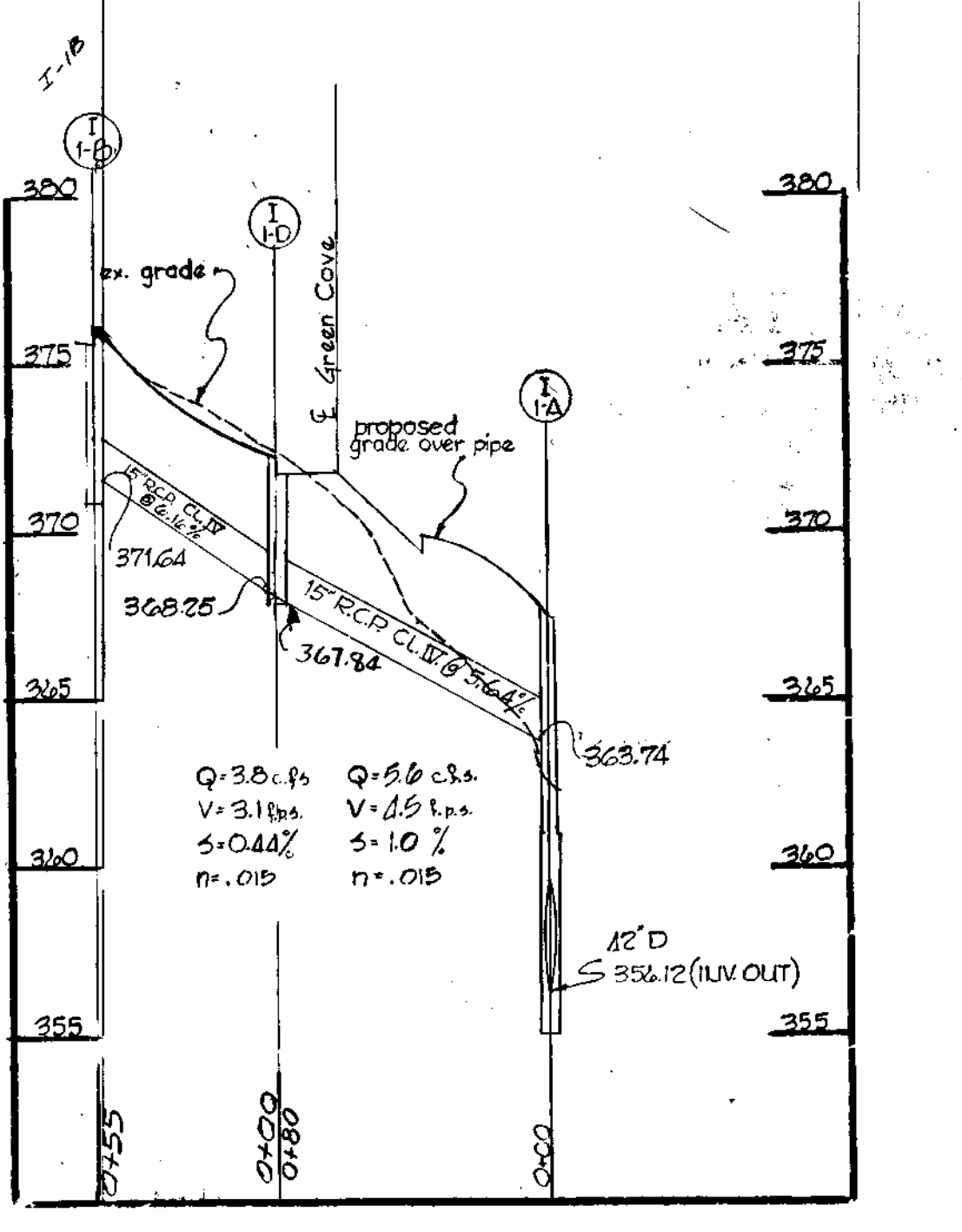
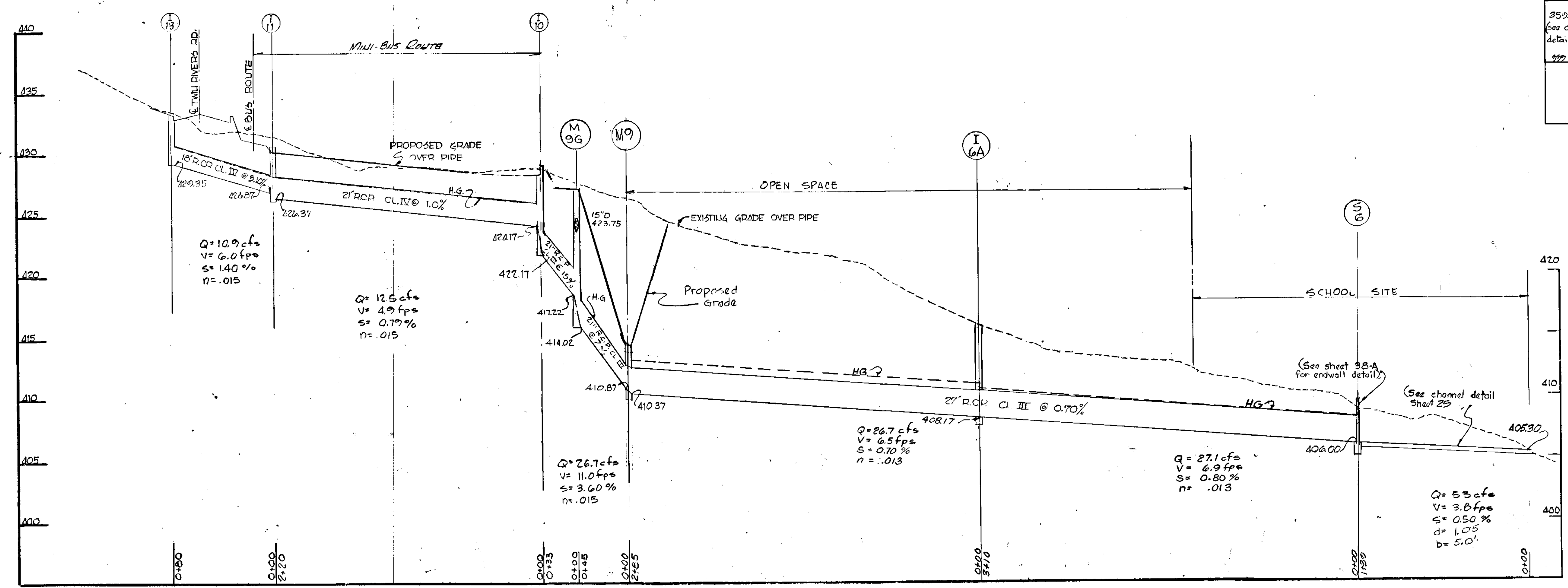
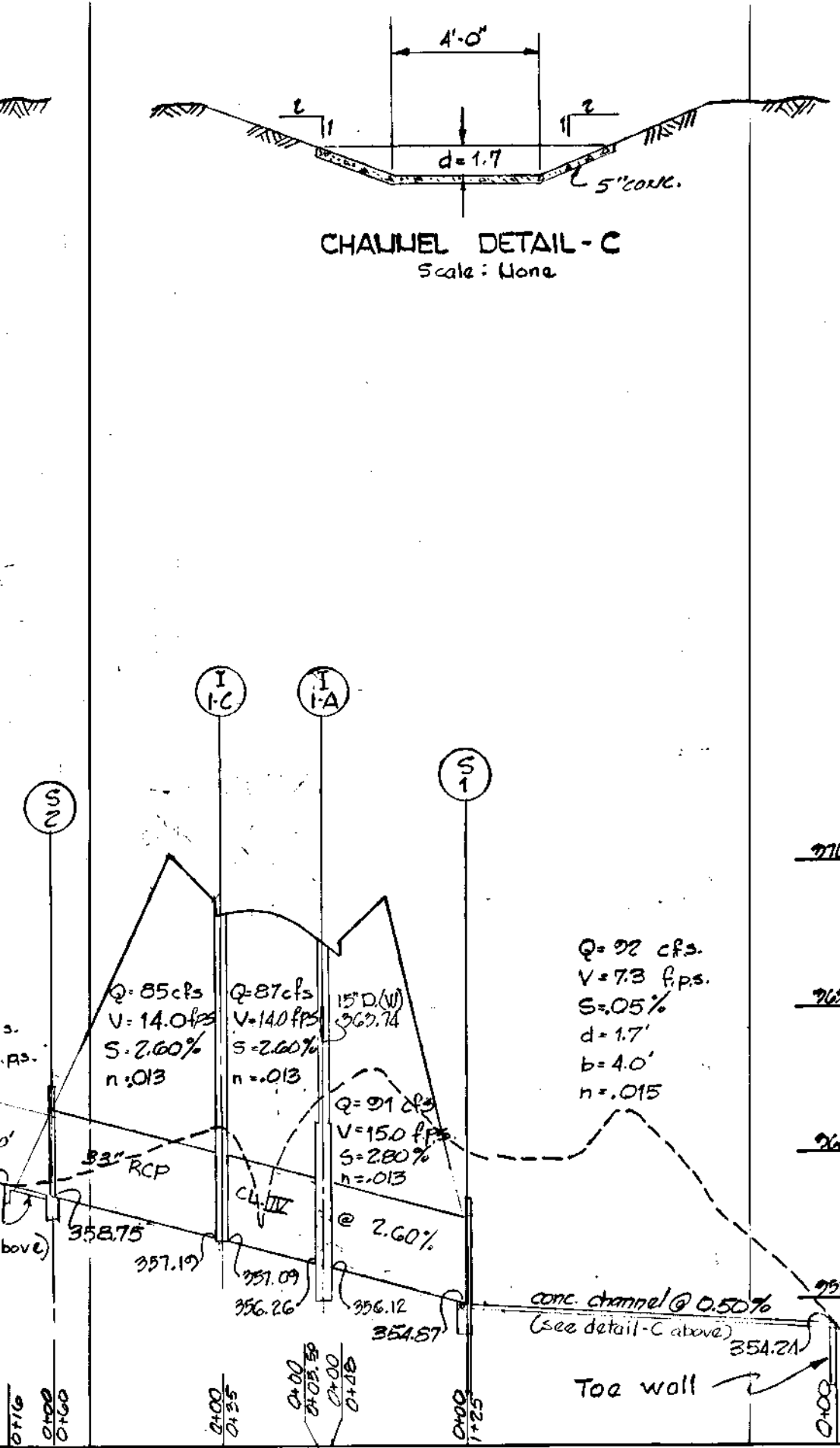
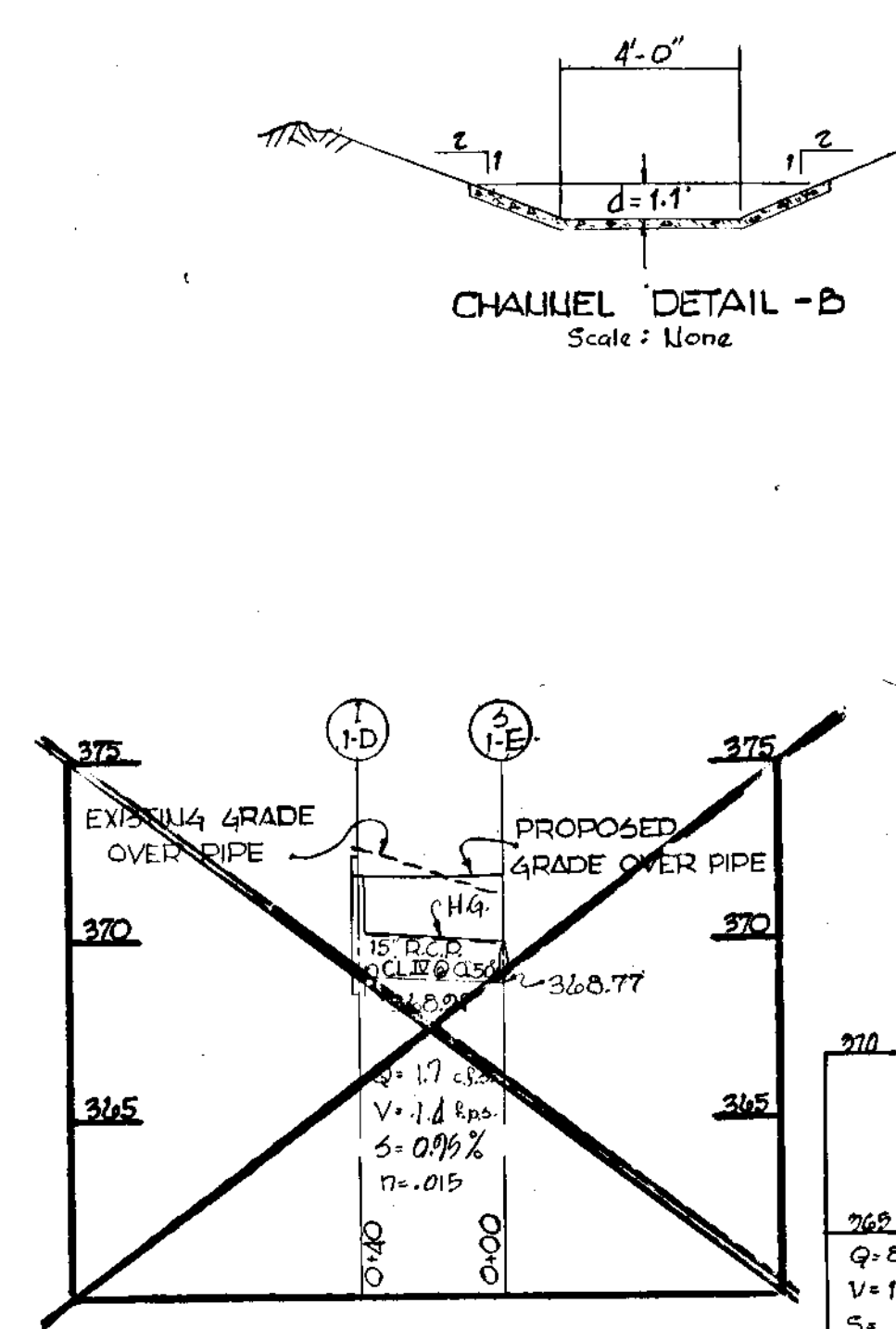
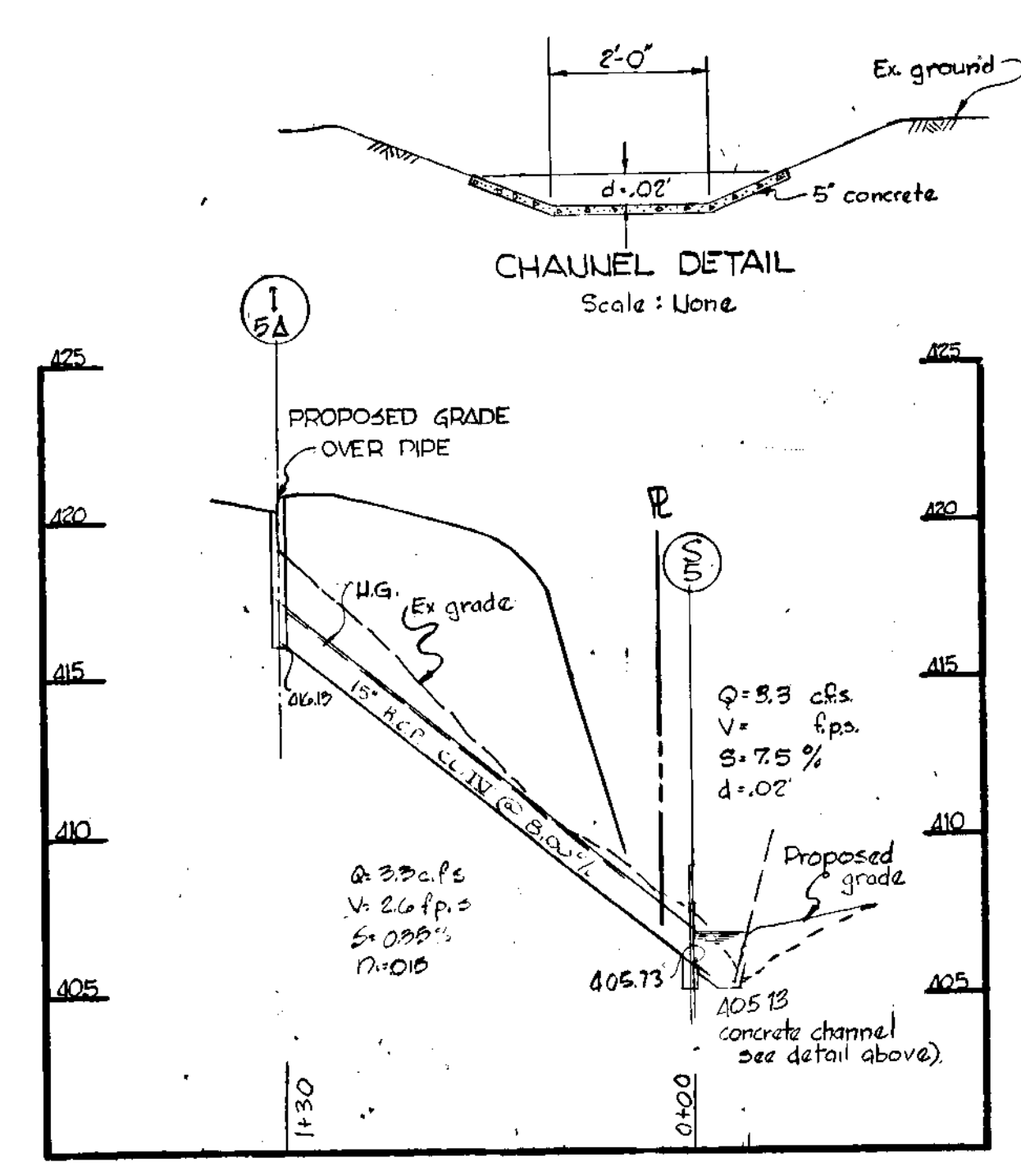
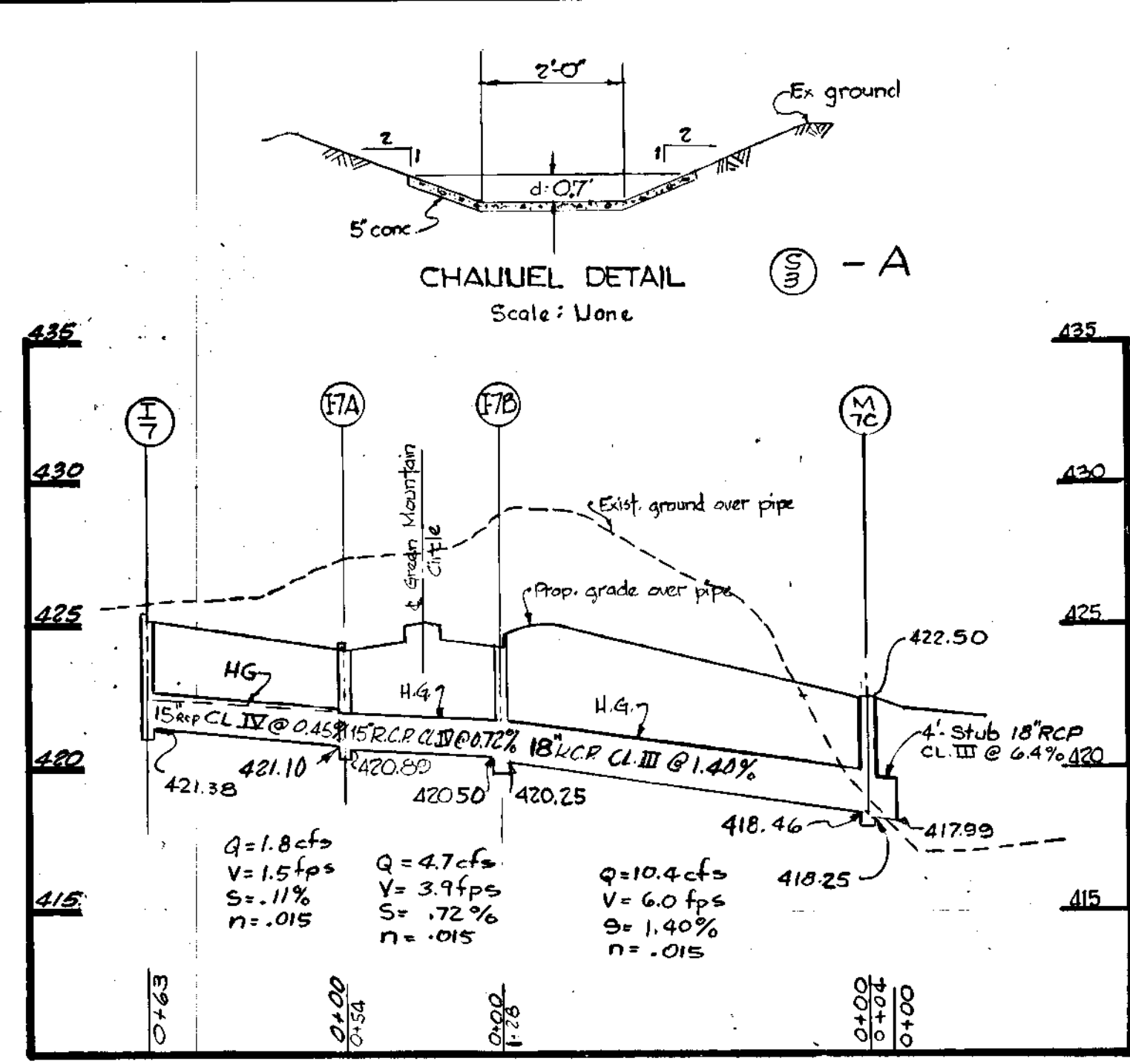
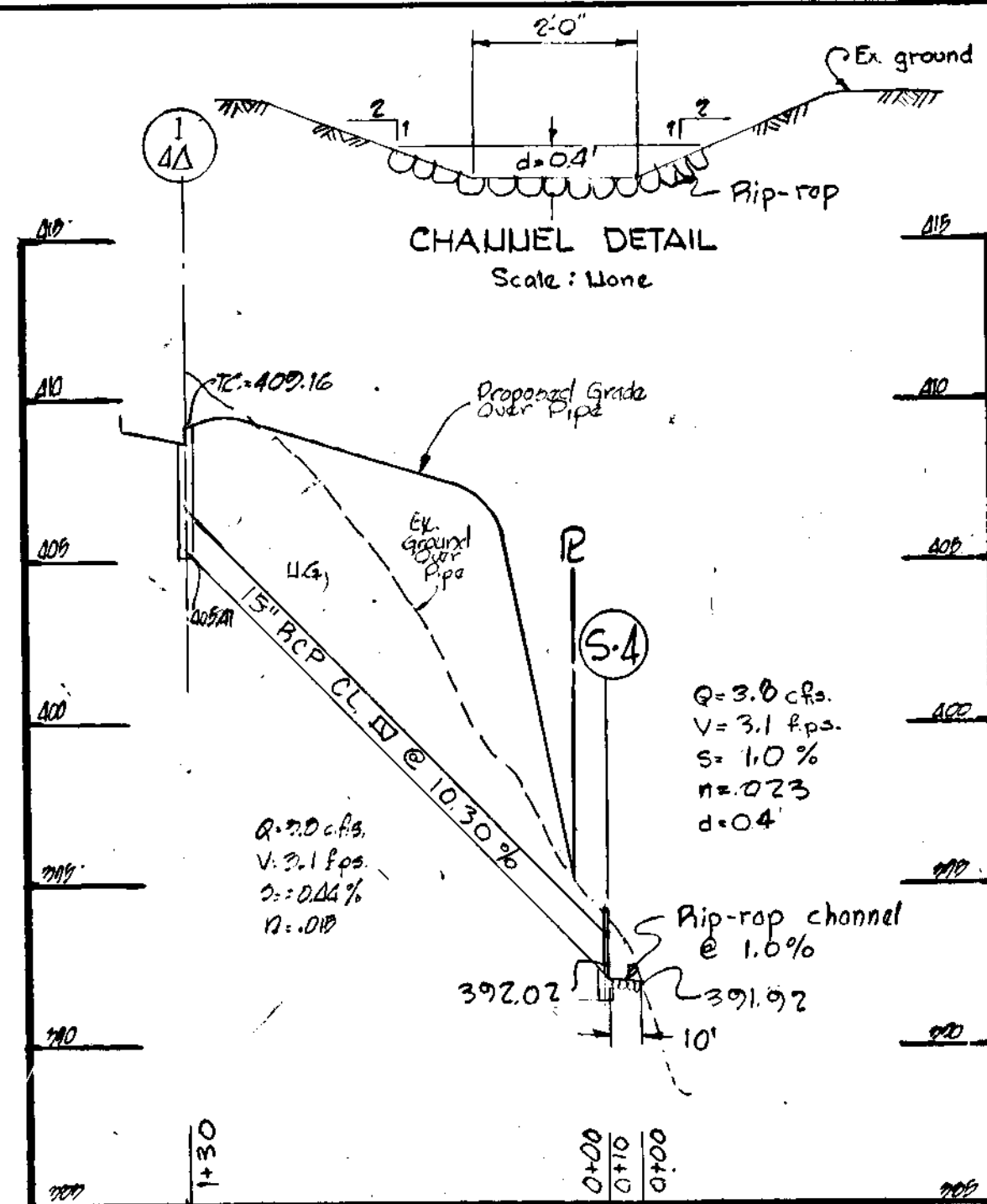
C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND

8-9-66

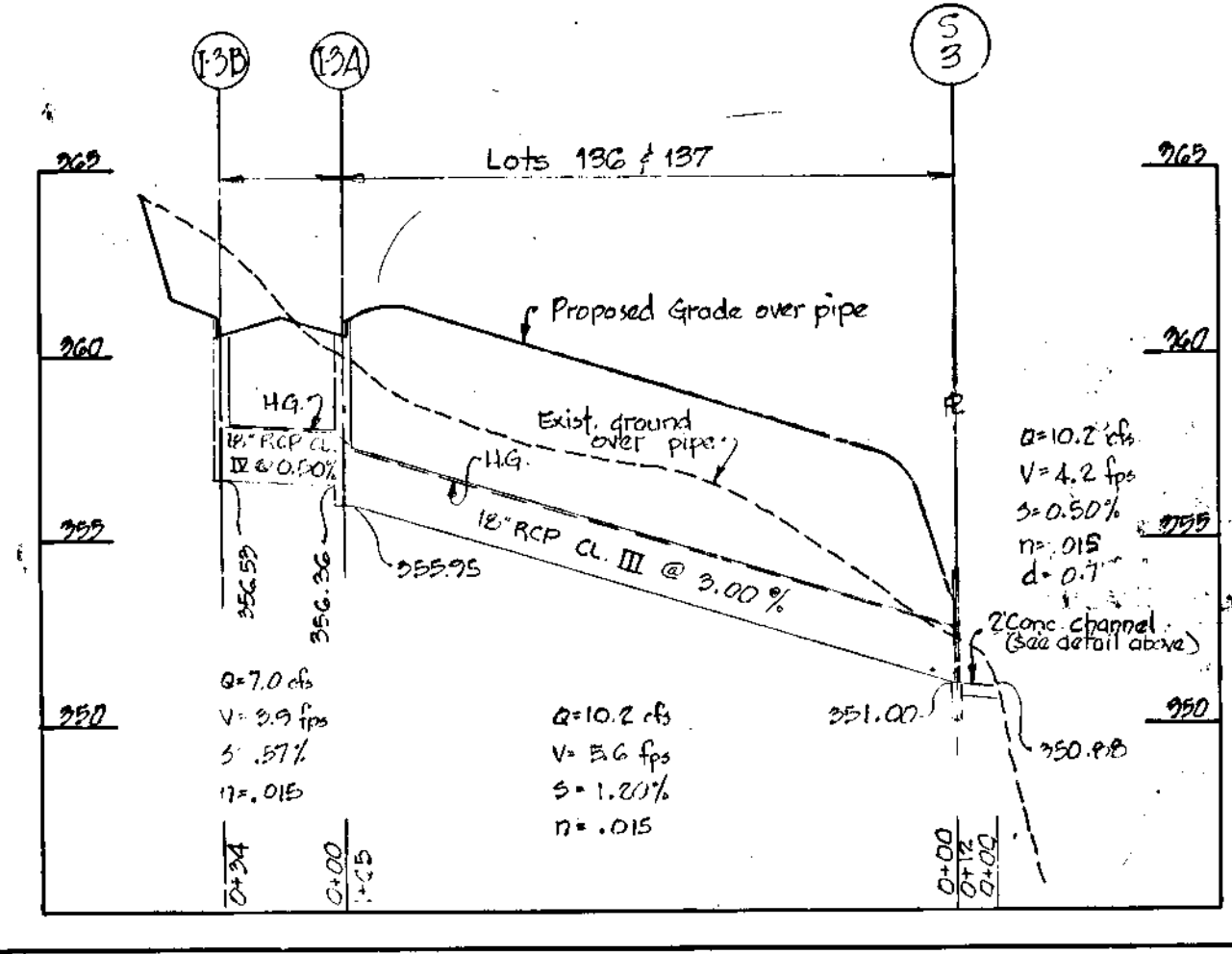
C.D. MESSICK JR. P.E. NO. 5390







NOTE: FOR PLAN VIEW SEE SHEET 28 OF 34



REVISED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
MAR 15 1967  
APPROVED  
FEB 2 1967

DESCRIPTION	BY	MARK	DATE
REVISED DRAINAGE - MTC WAS 57C	J.M.		4/7/67
REVISED GROUND LINE I 5A	J.M.		2/22/67
STORM DRAINAGE REVISION	J.M.		1/16/67
STORM DRAINAGE ADDITIONS & REVISIONS	N/C		1/12/67
STORM DRAINAGE ADDITIONS & REVISIONS	M/W		12/7/66
GENERAL STORM DRAIN REVISIONS	J.A.S.		10/11/66

REVISIONS

**VILLAGE OF WILDE LAKE**

SECTION I  
BRYAN WOODS  
**COLUMBIA**  
SYSTEM "A"  
STORM DRAIN

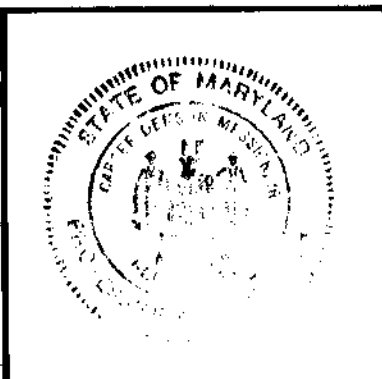
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Vert. 1"=5'

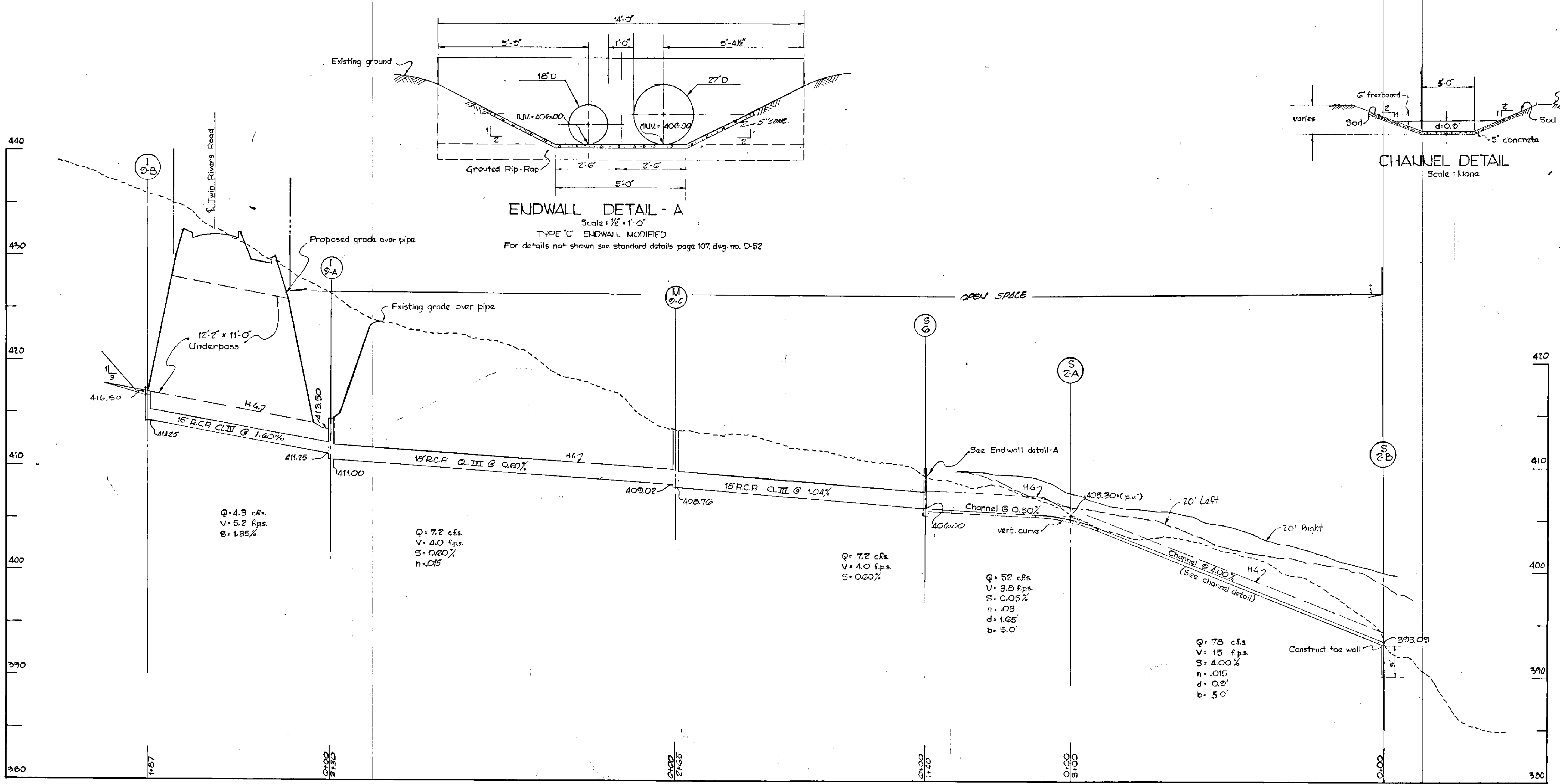
DATE: 2-10-66

DESIGNED BY: ARS  
CHECKED BY: JCS

TRACED BY: WILD, A.R.S.  
DRAWING NO. 24 of 34

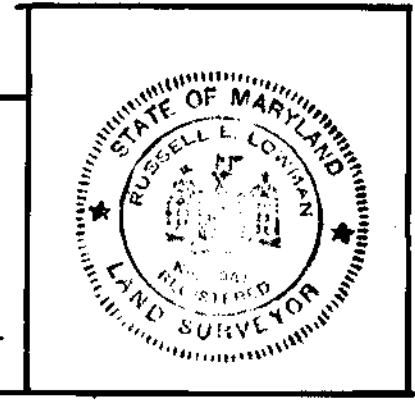
C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. MESSICK JR. P.E. NO. 3390  
8-9-66  
DATE





NOTE: FOR PLAN VIEW SEE SHEET 23 OF 34

C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET  
 ANNAPOLIS, MARYLAND

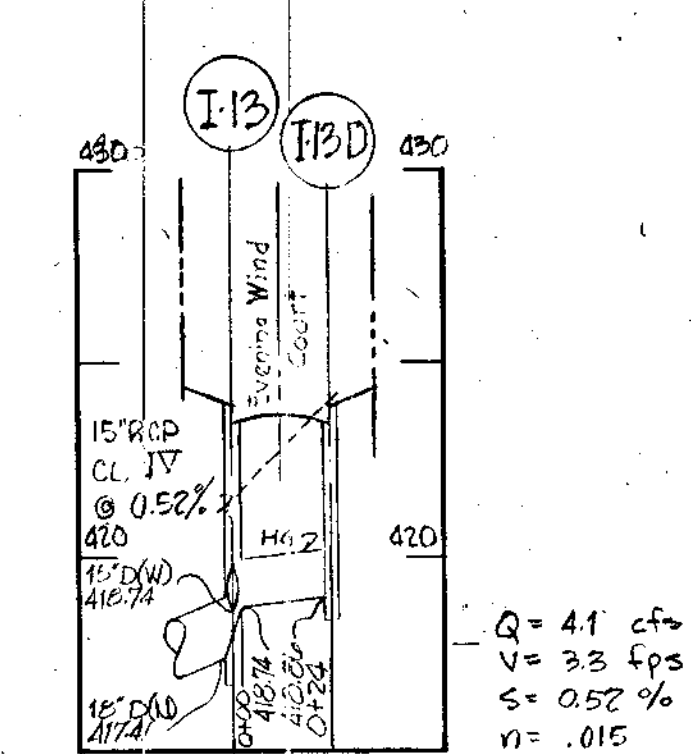
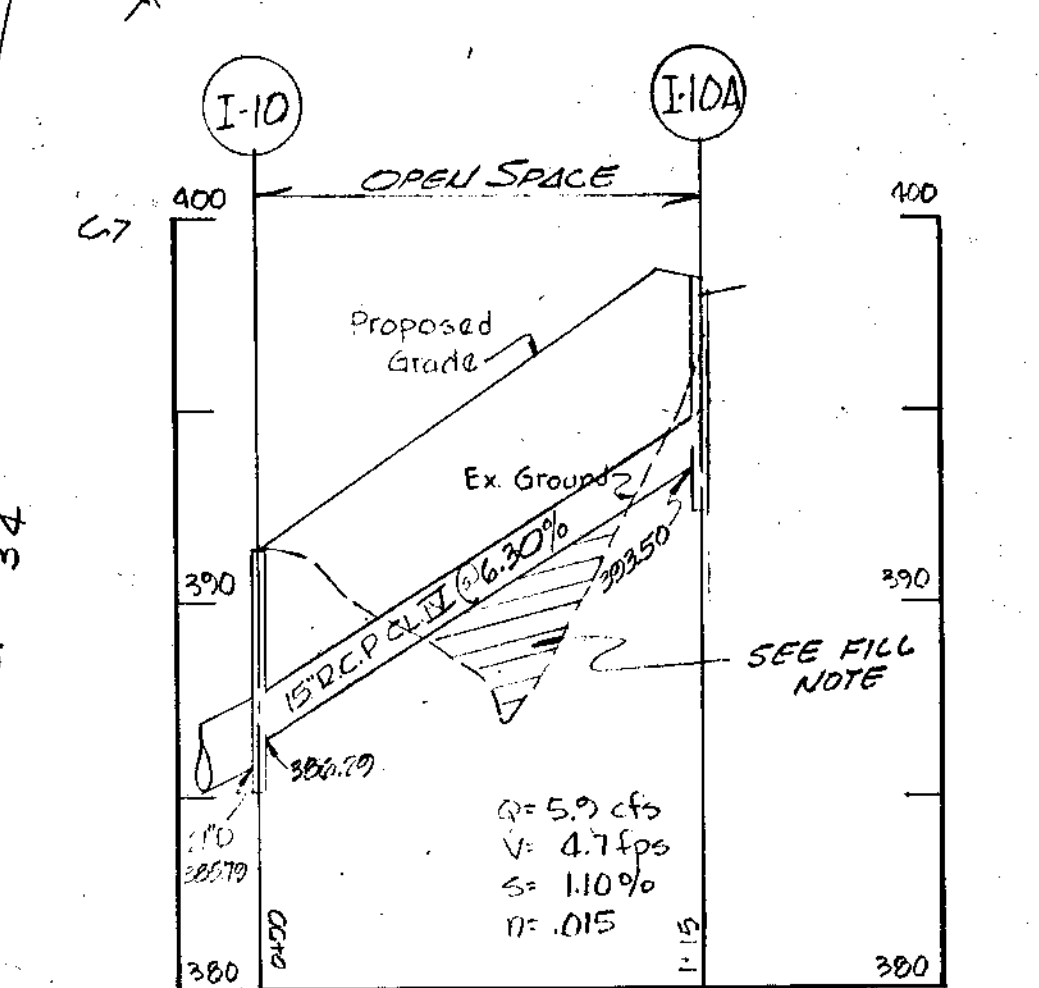
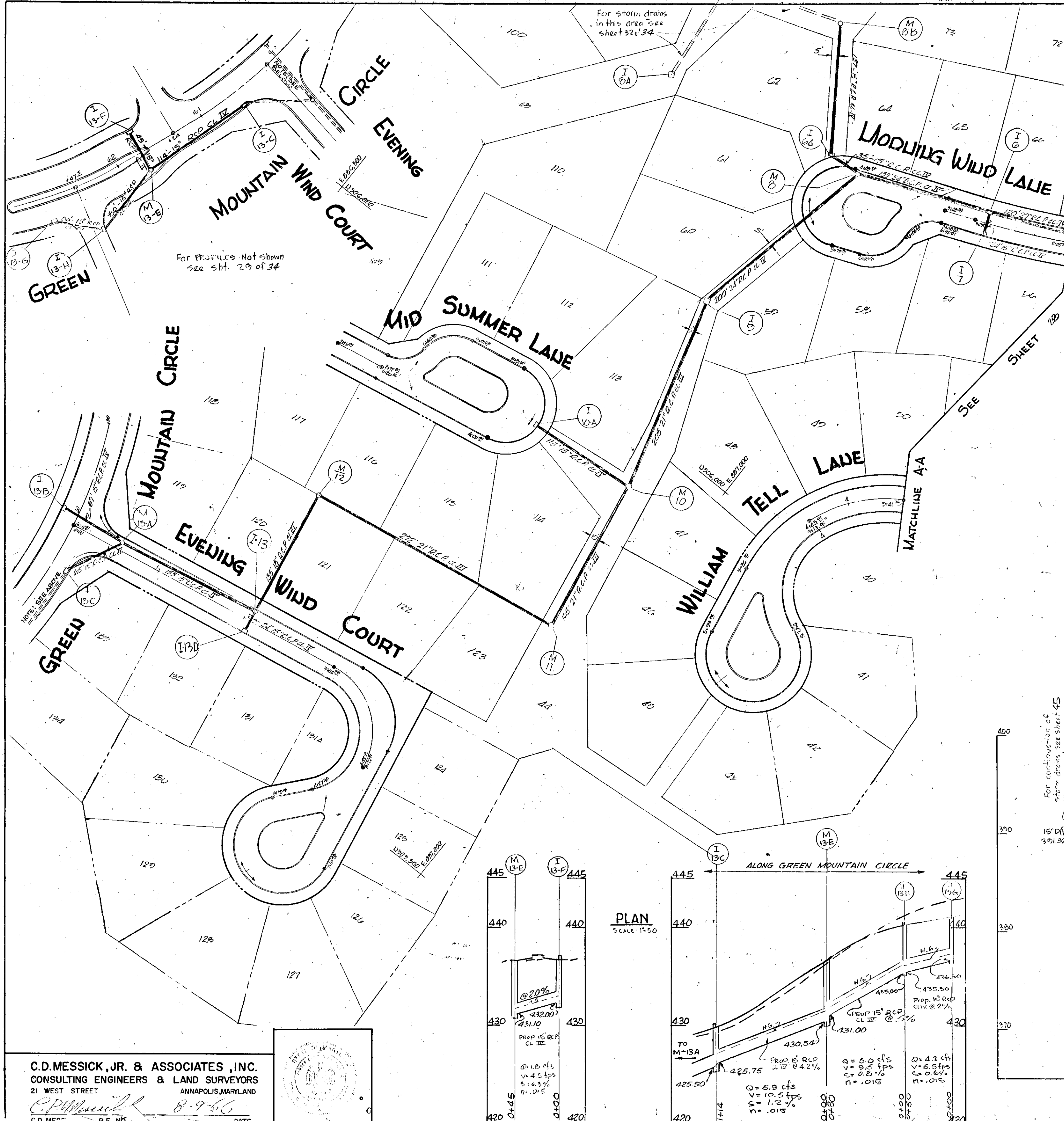


10-2-66  
 DATE

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967

GENERAL STORM DRAIN REVISIONS			
DESCRIPTION	BY	MARK	DATE
REVISIONS			
VILLAGE OF WILDE LAKE SECTION I BRYANT WOODS COLUMBIA SYSTEM "A"			
SCALE: AS SHOWN	DATE:		
DESIGN BY: J.A.S.	TRACED BY: A.R.S.		
CHECKED BY:	DRAWING NO. 25 of 34		

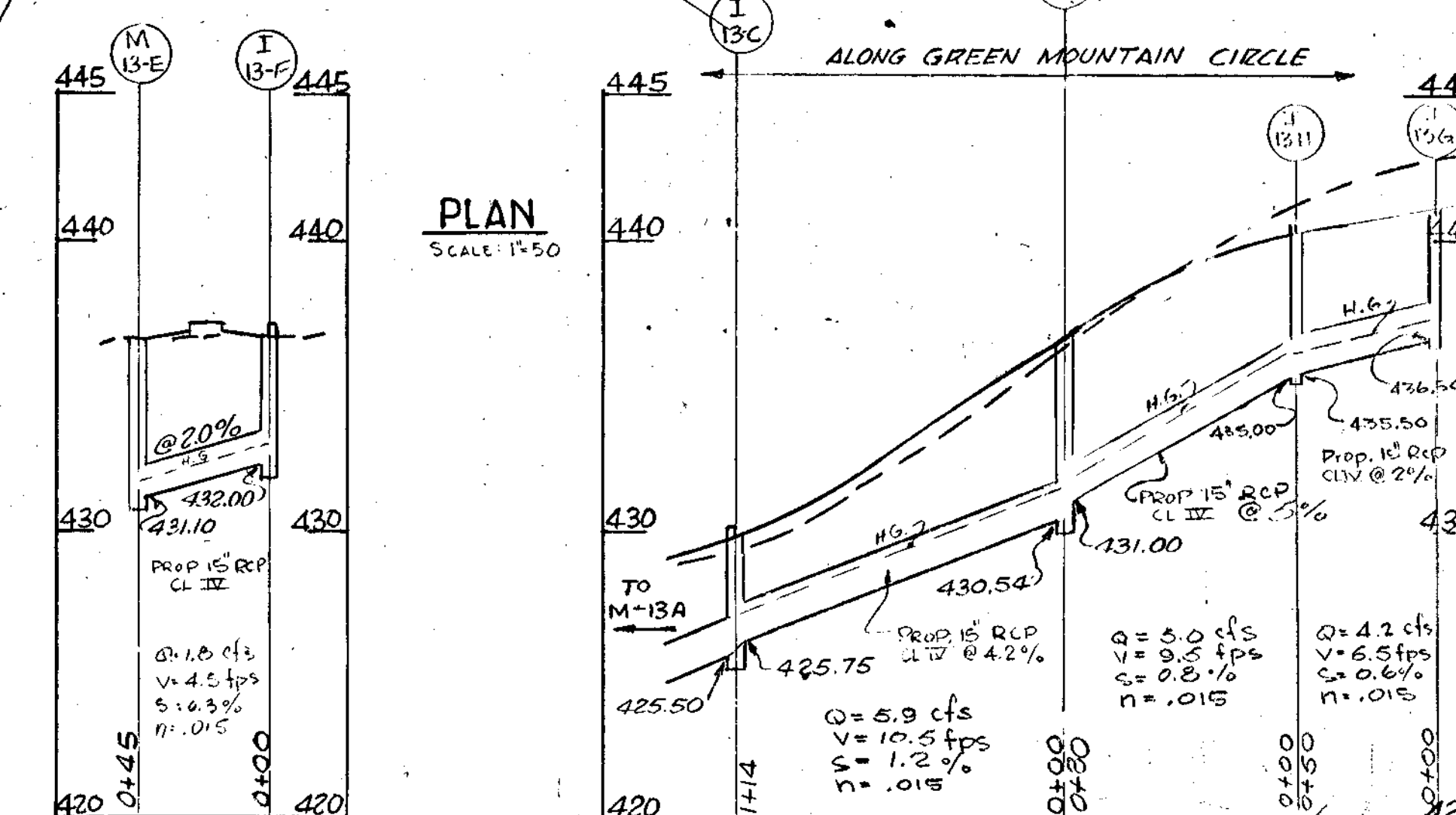
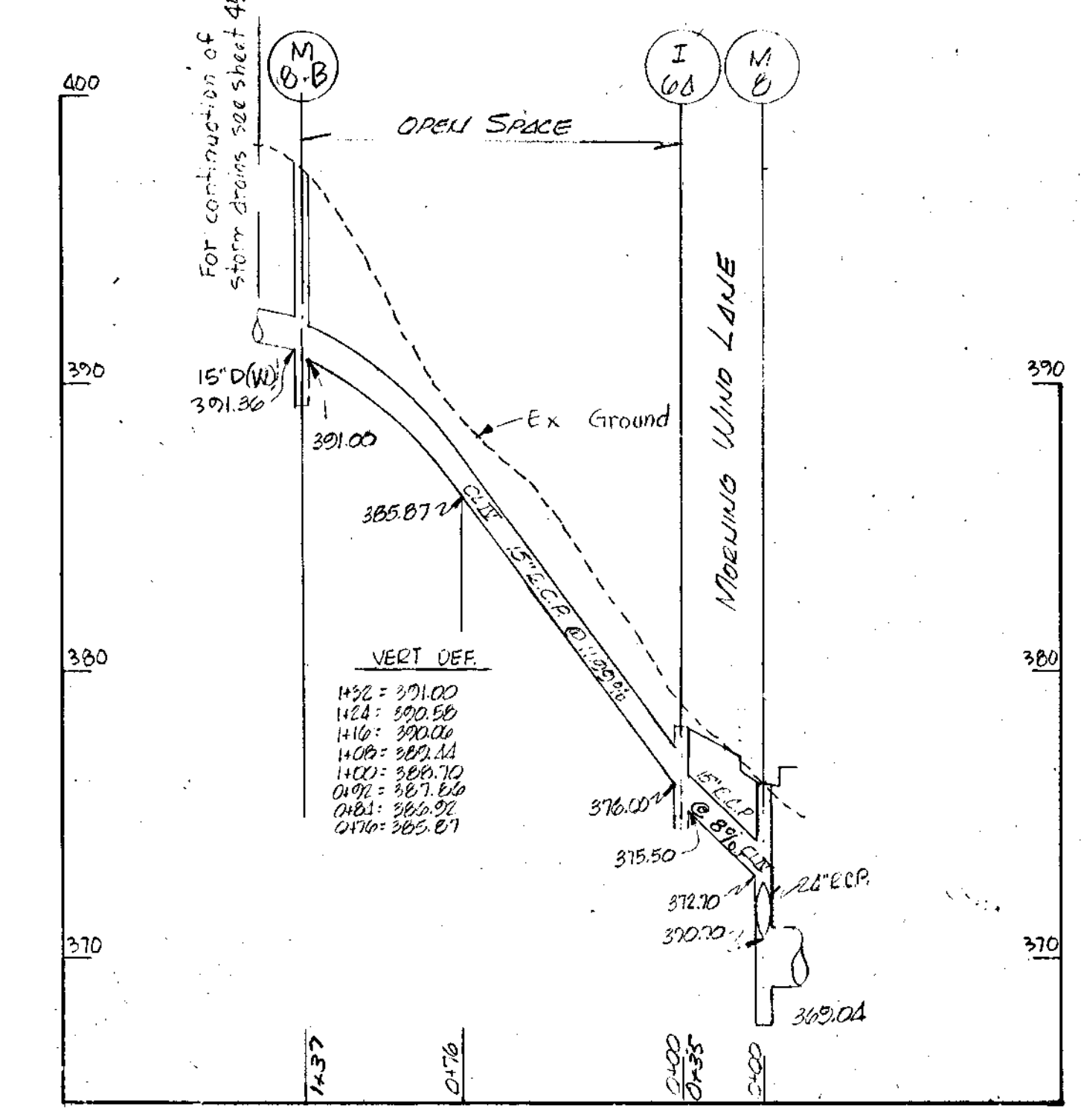




**FILL NOTE:**  
 WHERE PIPE IS SHOWN IN FILL AREAS THE FILL SUITABLE FOR NORMAL EMBANKMENT SHALL FIRST BE PLACED IN MAXIMUM 6" LIFTS & THOROUGHLY COMPACTED TO A MINIMUM 90% DENSITY (A.A.S.H.O. T-100) TO A MINIMUM OF 2' ABOVE THE PIPE. A MINIMUM TRENCH SHALL THEN BE EXCAVATED FOR PLACEMENT OF THE PIPE.

**PROFILE**  
 Scale: Horiz. 1"=50'  
 Vert. 1"=5'

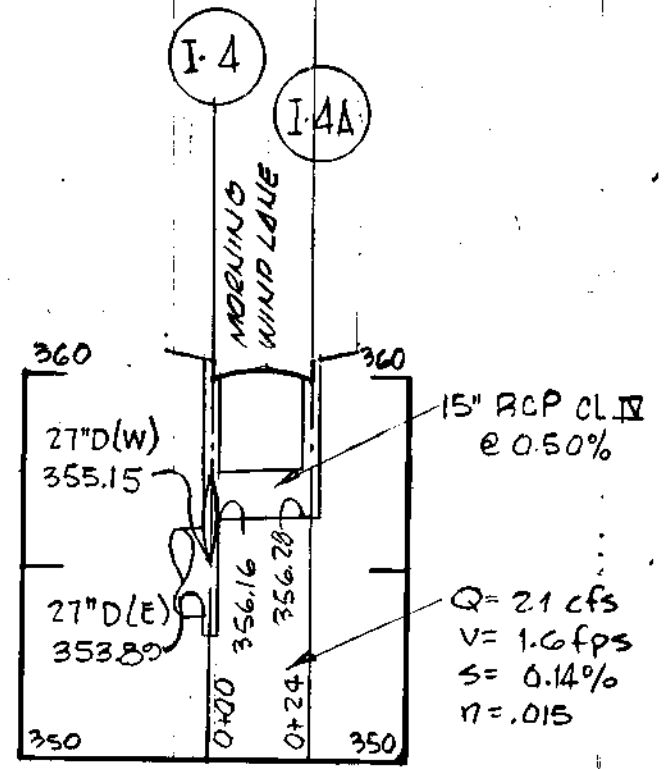
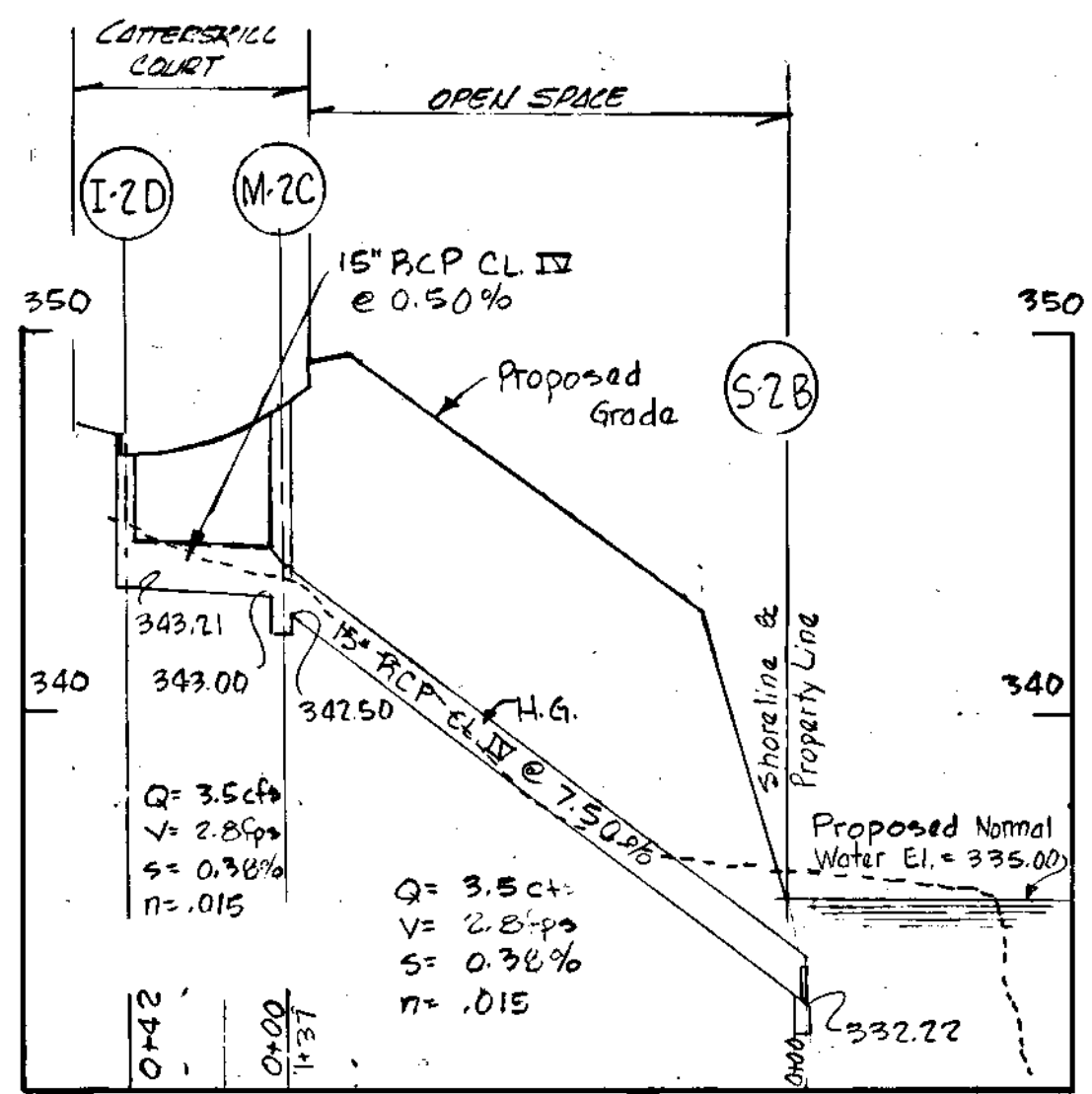
STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
12A	12" Comb. Dbl. Gate (Dep.)	01040 - Detail	421.01	420.01	420.01	Ho. Co. Road Code No. 157
12B	Std. Manhole	01000 - III	421.01	422.32	422.32	" " " " " 15B
12C	Mod. 5" Comb. Single Gate (Dep.)	01000 - III	420.62	425.50	425.50	See Detail Sheet 22
12D	" (Hd.)	01000 - III	420.64	418.74	417.41	" " " "
12E	Mod. 5" Comb. Single Gate (Hd.)	01000 - III	420.64	418.74	418.74	" " " "
12F	Standard Manhole	01000 - III	421.00	410.20	410.20	Ho. Co. Road Code Pg. 15B
11	Standard Manhole	in open space	"	401.38	401.15	" " " " " 15B
10	Std. Manhole	in open space	"	396.29	395.79	" " " " " 15B
10A	Mod. 5" Comb. Single Gate (Hd.)	01000 - III	396.77	399.50	399.50	Ho. Co. Road Code " 157
9	Yard Inlet	in open space	"	313.10	312.70	See detail sheet 220134
8	Std. Manhole	01000 - III	310.70	312.70	312.70	Ho. Co. Road Code No. 15B
7	Std. Manhole	in open space	"	301.50	301.00	" " " " " 15B
6	Mod. 5" Comb. Single Gate (Dep.)	01000 - III	302.22	308.20	308.20	See Detail Sheet 22
5	" (Hd.)	01000 - III	302.22	308.20	308.20	Ho. Co. Road Code No. 157
4	YARD INLET	01000 - III	316.50	316.00	316.00	See detail sheet 220134
13A	Standard Manhole	01040 - Detail	431.00	430.54	430.54	Ho. Co. Road Code Pg. 15B
13B	Comb. Double Gate (Dep.)	01040 - Detail	431.00	430.54	430.54	See Detail Sheet 22
13C	Mod. 5" Comb. Single Gate (Hd.)	01040 - Detail	430.70	432.00	432.00	" " " " " 15B
13D	Mod. 5" Comb. Single Gate (Hd.)	01040 - Detail	430.70	432.00	432.00	" " " " " 15B



**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967

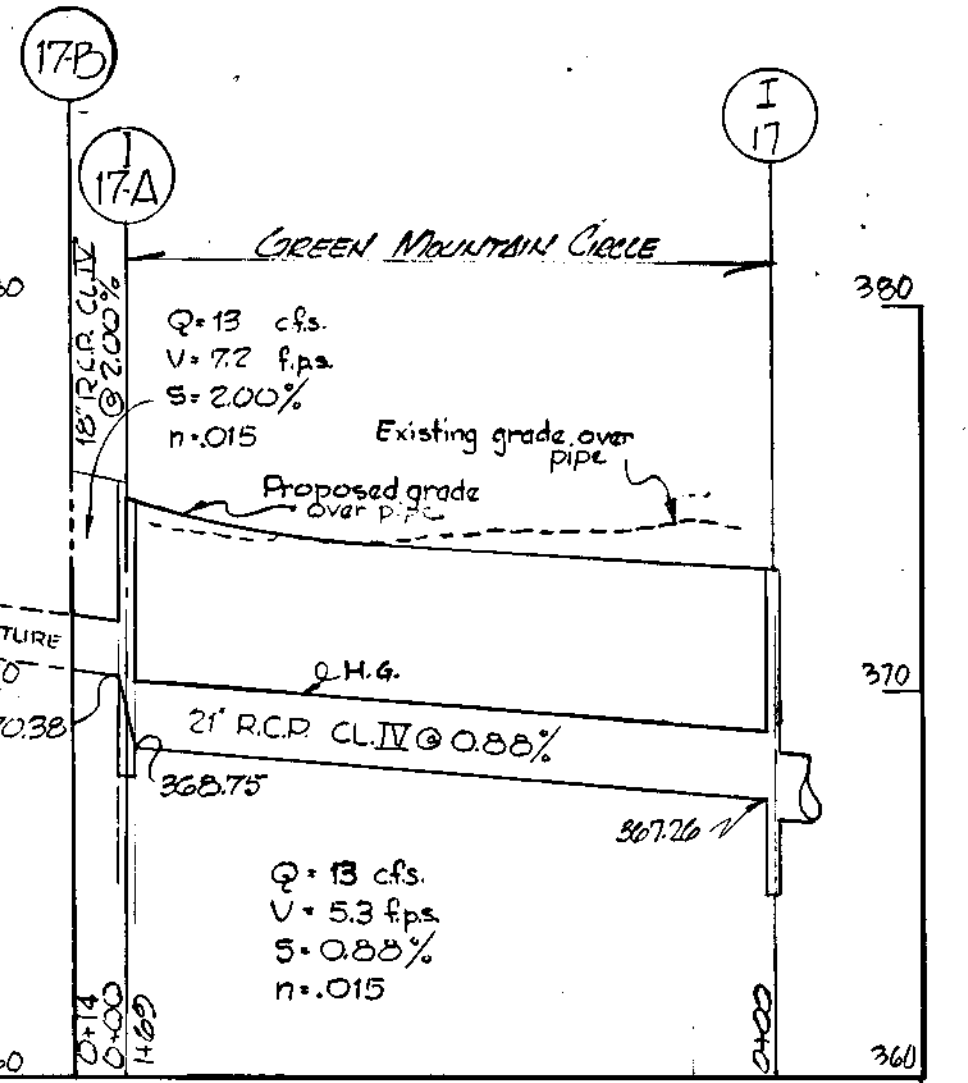
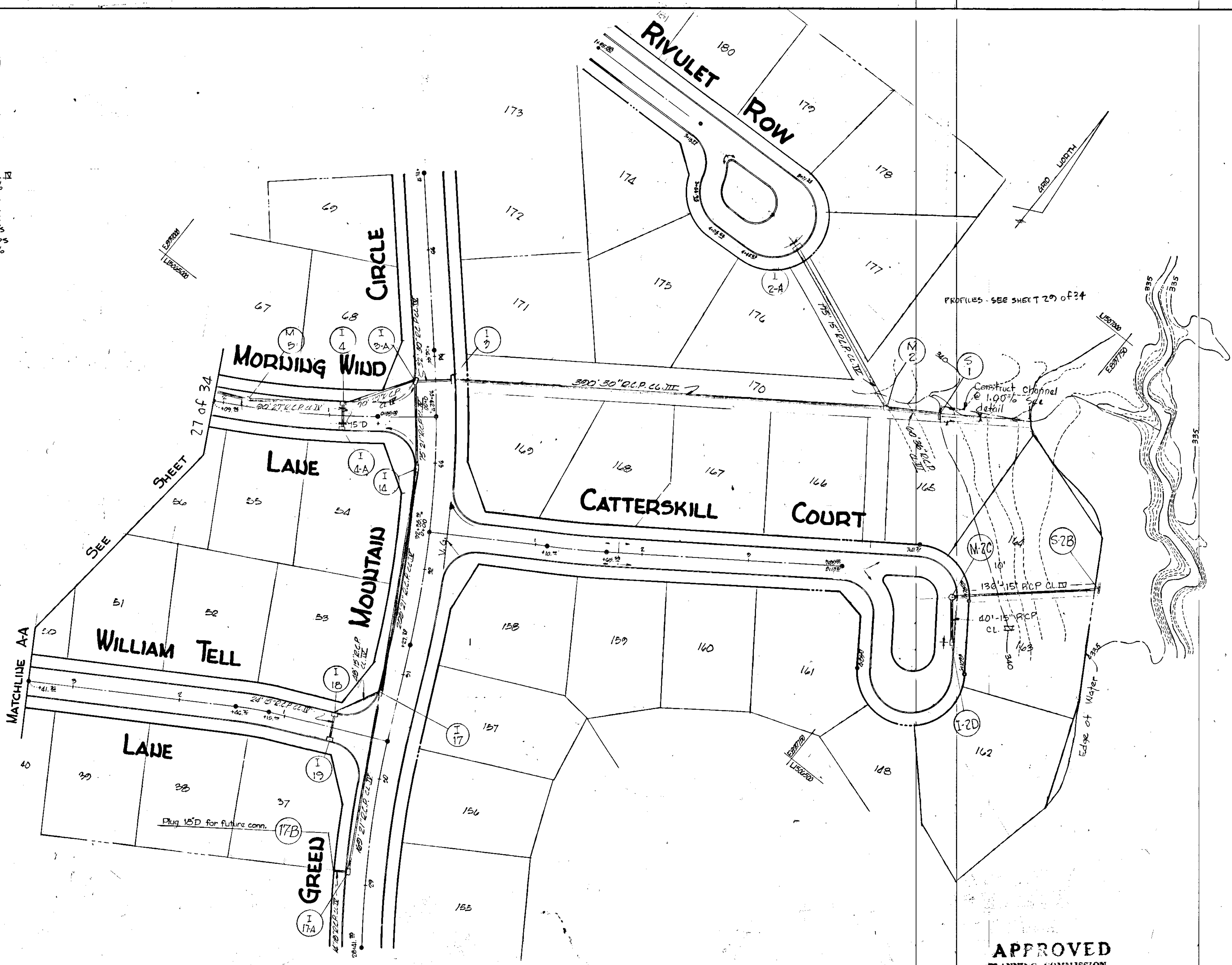
Revise Pipe Plan & Profile	N.L.		
Revise Pipe Plan & Profile	W.H.		
Revise Pipe - Plan & Profile	W.H.		
DESCRIPTION	BY	MARK	DATE
REVISIONS			
<b>VILLAGE OF WILDE LAKE</b>			
SECTION I BRYANT WOODS			
<b>COLUMBIA</b>			
SYSTEM "C" STORM DRAIN			
SCALE: AS SHOWN	DATE: 1-10-66		
DESIGNED BY: JAS	TRACED BY: APS, JAS		
CHECKED BY: JAS, ARS	DRAWING NO.: 27 of 34		

**C.D. MESSICK, JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
 C.D. Messick, Jr. 8-9-66  
 C.D. MESSICK, JR., P.E., No. 1000 DATE



**PROFILE**  
SCALE: Horiz: 50'  
Vert: 5'

STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	T. ELEV.	INV. IN	INV. OUT	REMARKS
1	STANDARD MANHOLE	RIGHT STA. 1171	340.20	330.50	315.20	Ho. Co. Road Code Pg. 158
2	15" Comb. Dbl. Grate (Und.)	RIGHT STA. 0177	340.20	335.15	333.16	" " 157
4A	"	LEFT STA. 0177	340.20	340.20	340.20	" " 157
3	Mod. S Comb. Single Grate (Und.)	RIGHT STA. 22+10.74	341.71	330.52	340.52	See Detail Sheet 22
3A	Deptr.	LEFT STA. 21+50	341.71	332.00	332.00	" " " "
2B	Chand. End Support Wall	LT. STA. 61+02	351.10	337.22	337.22	Ho. Co. Road Code Pg. 101
2A	Mod. S Comb. Single Grate (Und.)	LEFT STA. 41+02	351.10	331.40	331.40	See Detail Sheet 22
2D	"	LEFT STA. 6+30.50	347.10	347.10	347.10	" " " "
19	"	LEFT STA. 0182	342.80	342.80	342.80	" " " "
18	" (Deptr.)	RIGHT STA. 0182	342.80	342.80	342.80	" " " "
17A	15" Comb. Dbl. Grate (Und.)	LEFT STA. 20+11	342.91	370.30	360.75	Ho. Co. Road Code Pg. 157
14	Mod. S Comb. Single Grate (Und.)	LEFT STA. 22+02	342.91	350.00	357.04	See Detail Sheet 22
17	Mod. S Comb. Single Grate (Und.)	RIGHT STA. 30+20	347.20	347.20	347.20	See Detail Sheet 22
2	Standard Manhole	Set in field	347.20	347.20	347.20	Ho. Co. Road Code Pg. 158
1	Type C Endwall	See plan	340.20	340.20	340.20	" " 107
2C	STANDARD MANHOLE	LEFT STA. 4+02	344.00	344.00	344.00	" " 158



For Profiles not shown see 29 of 34

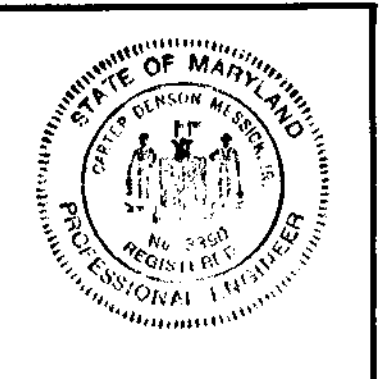
**PLAN**  
SCALE: 1" = 50'

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967

GENERAL STORM DRAIN REVISIONS	JAS	10-17-66	
Revised Pipe, Plan & Profile	WHD	8-28-66	
DESCRIPTION	BY	MARK	DATE

REVISIONS			
<b>VILLAGE OF WILDE LAKE</b>			
SECTION I BRANT WOODS			
<b>COLUMBIA</b> SYSTEM "C" STORM DRAIN			
SCALE: AS SHOWN	DATE: 8-10-66		
DESIGNED BY: JAS	TRACED BY: ARS		
CHECKED BY: JCS & ARS	DRAWING NO. 28 of 34		

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND  
C.D. MESSICK JR. P.E. NO. 3390  
DATE 8-9-66

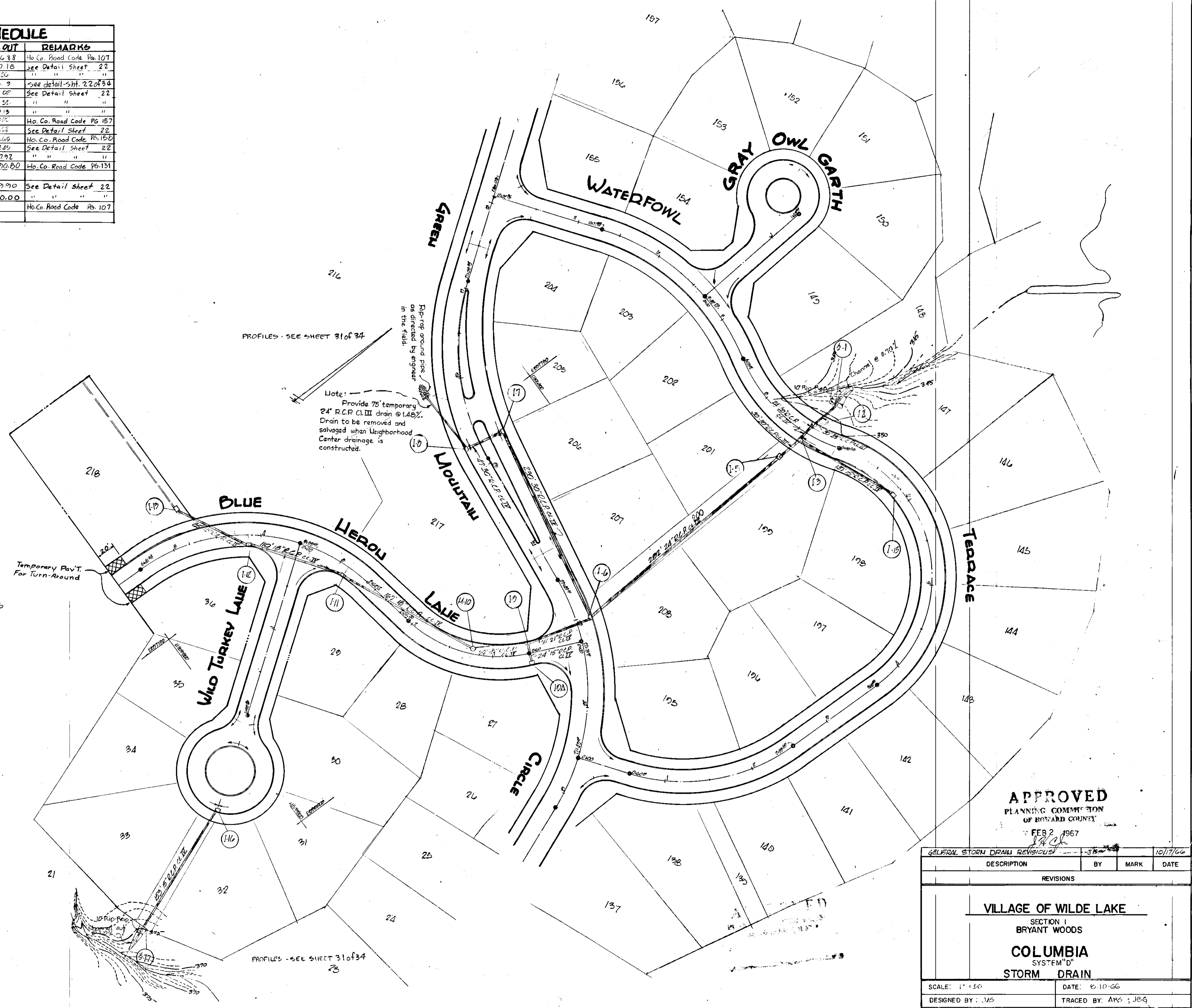






**STORM DRAIN STRUCTURE SCHEDULE**

NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
5-1	"C" type endwall	SEE PLAN		346.88	346.88	Ho. Co. Road Code Pa. 107
1-1	Mod. "S" Comb. Single Grate Und.	RIGHT - STA. 7+40	347.80	347.69	347.18	See Detail Sheet 22
1-2	" " " " " Und.	LEFT - STA. 7+40	347.80	347.80	347.80	" " " " " "
1-3	40" INLET	LEFT - STA. 7+60	Set in field	345.18	345.18	See detail sheet 22 of 34
1-4	Mod. "S" Comb. Single Grate Und.	RIGHT - STA. 8+00	347.80	347.80	347.80	See Detail Sheet 22
1-5	" " " " " Und.	RIGHT - STA. 8+00 Green Mt. Circle	347.80	347.80	347.80	" " " " " "
1-6	" " " " " Und.	RIGHT - STA. 8+00 Blue Heron Lane	347.80	347.80	347.80	Ho. Co. Road Code Pg. 157
1-7	Mod. "S" Comb. Single Grate Und.	LEFT - STA. 11+20	347.80	347.80	347.80	See Detail Sheet 22
1-8	" " " " " Und.	LEFT - STA. 11+20	347.80	347.80	347.80	Ho. Co. Road Code Pa. 150
1-9	Mod. "S" Comb. Single Grate Und.	LEFT - STA. 11+20	347.80	347.80	347.80	See Detail Sheet 22
1-10	" " " " " Und.	LEFT - STA. 11+20	347.80	347.80	347.80	" " " " " "
1-11	Stand. Class "H"	RIGHT - STA. 11+20 Blue Heron Lane	347.80	347.80	347.80	Ho. Co. Road Code Pa. 131
1-12	Mod. "S" Comb. Single Grate Dep.	LEFT - STA. 6+15	353.04	349.90	349.90	See Detail Sheet 22
1-13	" " " " " Und.	LEFT - STA. 6+15	349.90	349.90	349.90	" " " " " "
1-14	"C" type Endwall	SEE PLAN	375.58	375.58	375.58	Ho. Co. Road Code Pa. 107



Note: Provide 75' temporary 24" R.C.P. drain @ 1.48%. Drain to be removed and salvaged when Neighborhood Center drainage is constructed.

PROFILES - SEE SHEET 31 of 34

PROFILES - SEE SHEET 31 of 34

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY

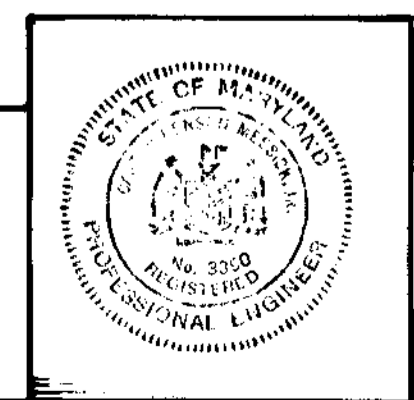
FEB 2 1967

GENERAL STORM DRAIN REVISIONS	BY	MARK	DATE

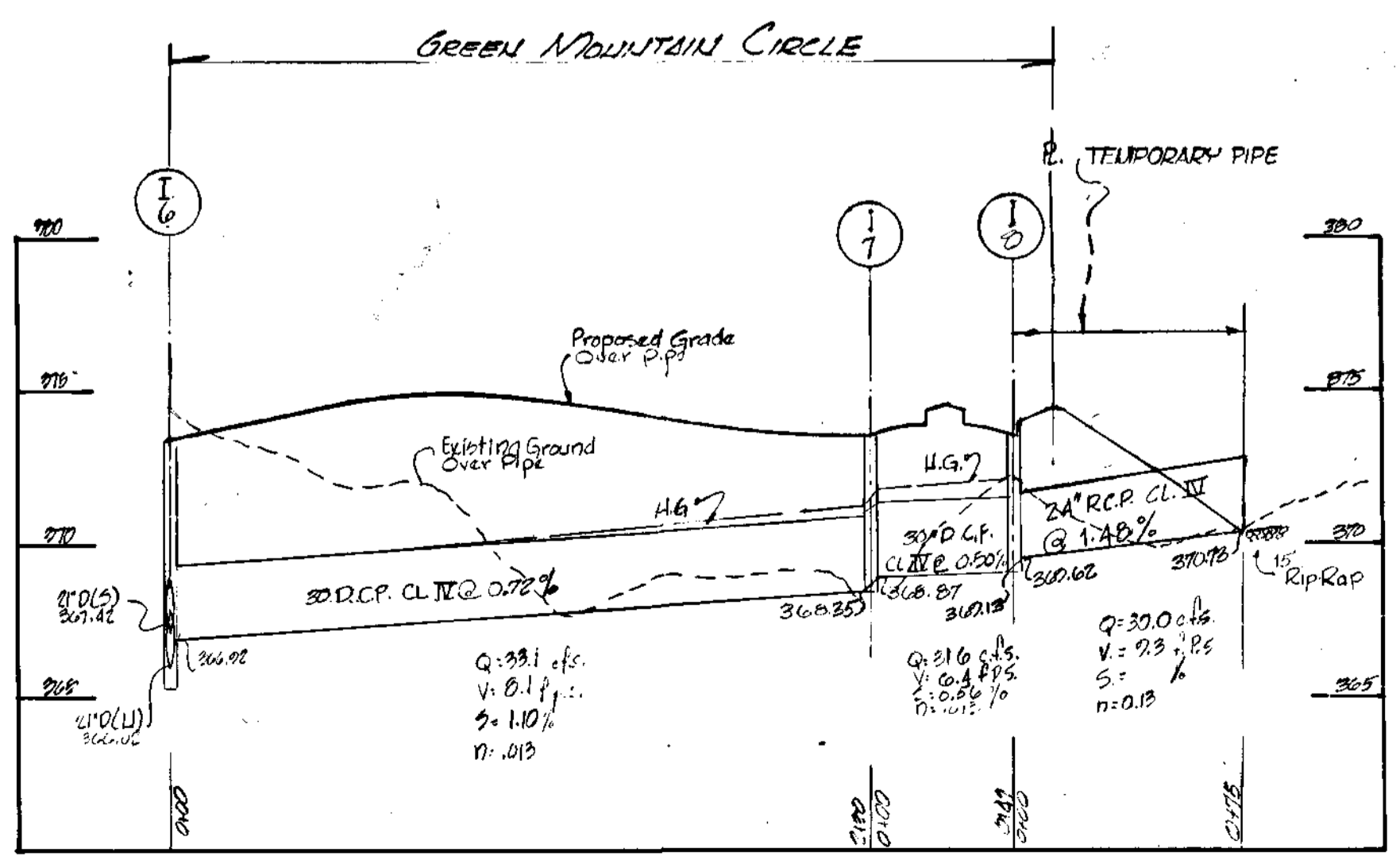
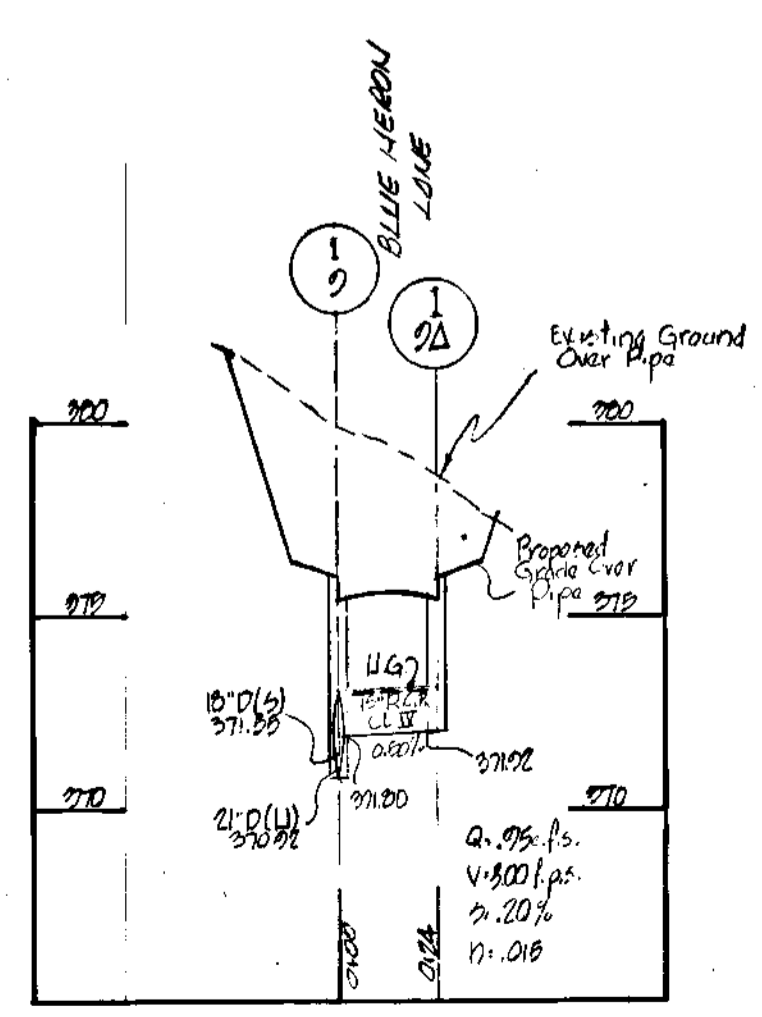
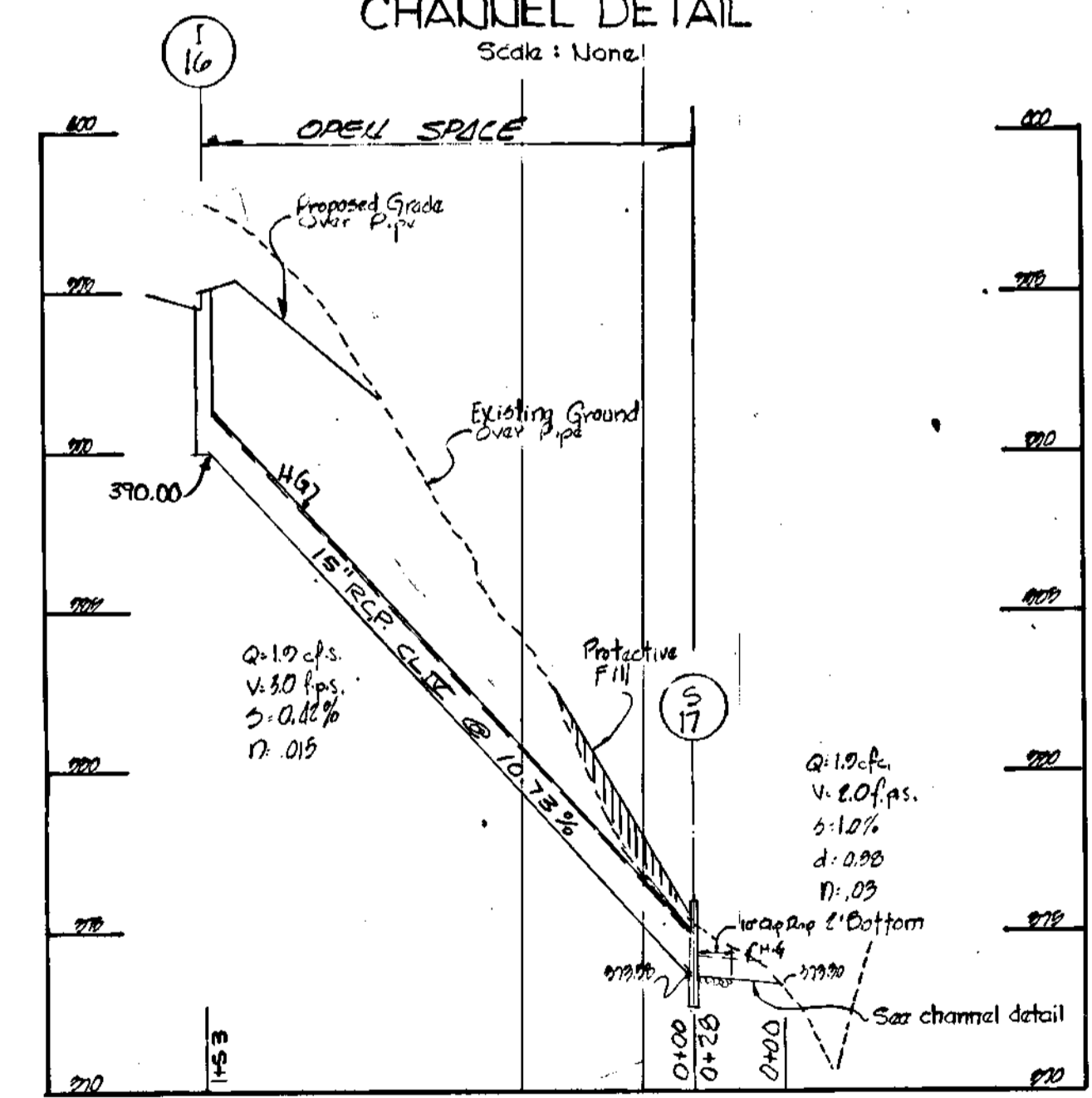
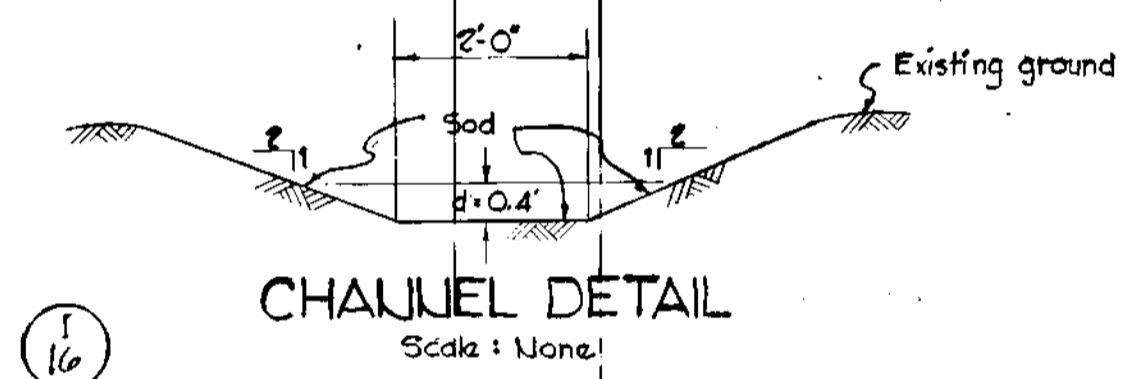
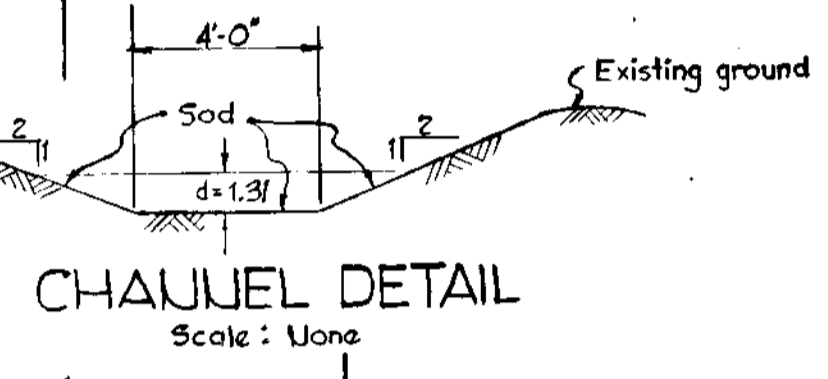
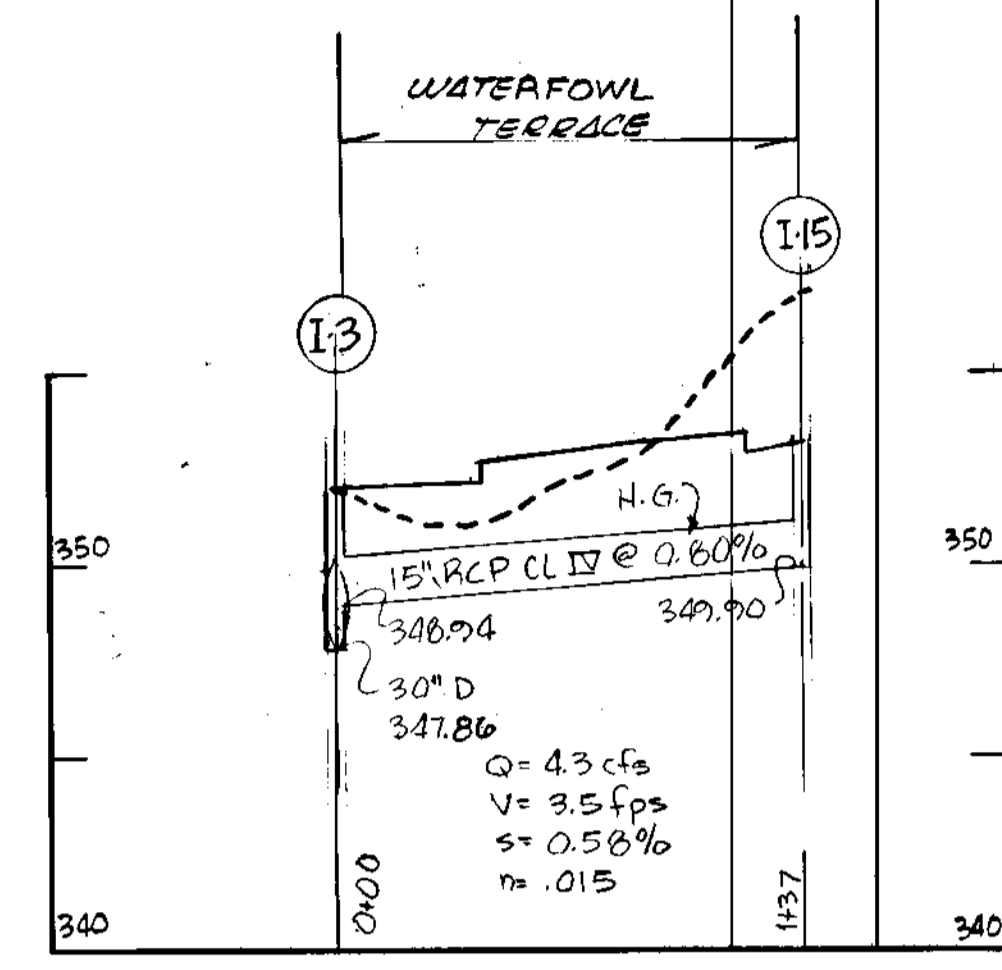
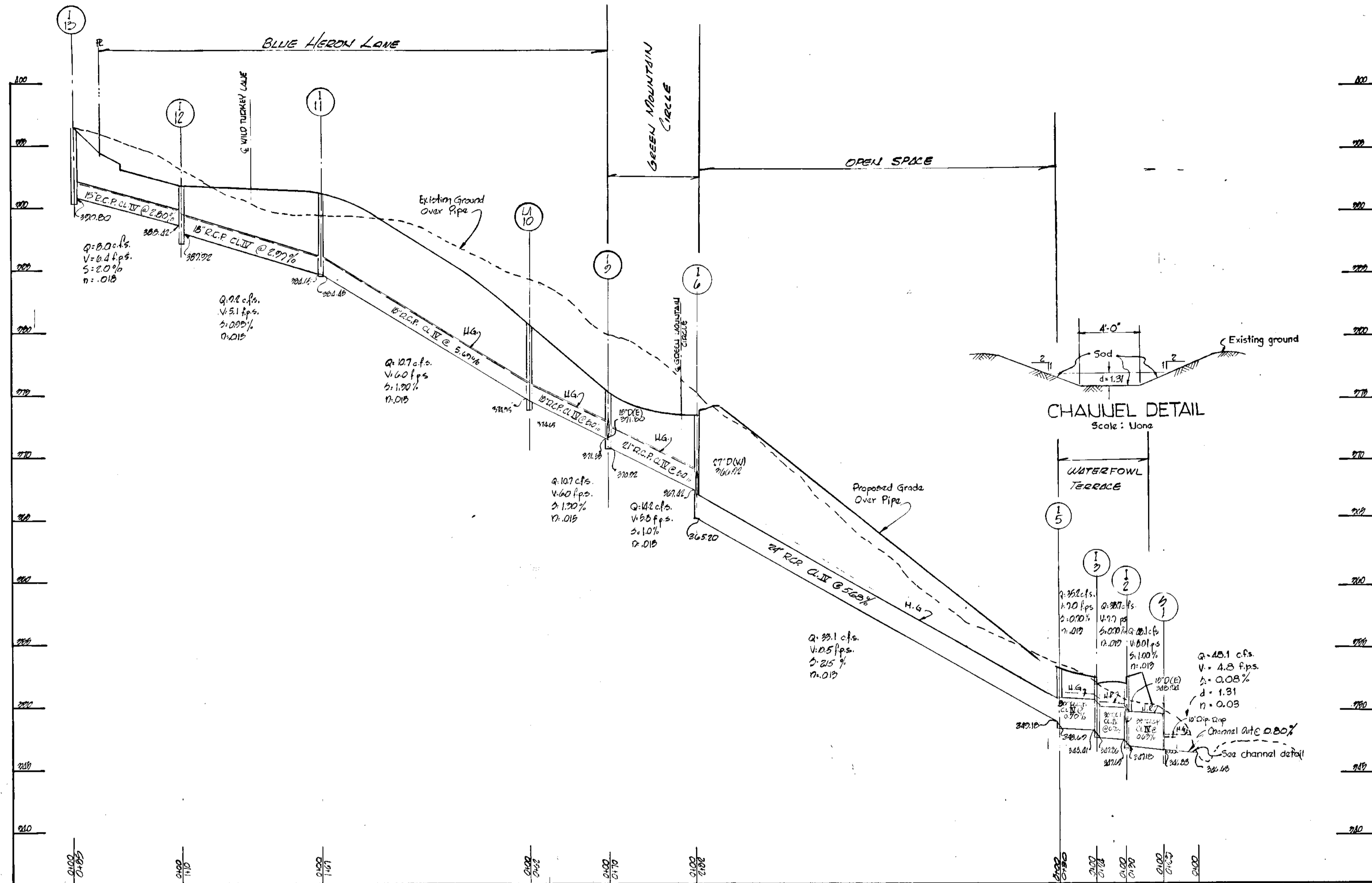
**VILLAGE OF WILDE LAKE**  
SECTION I  
BRYANT WOODS  
**COLUMBIA**  
SYSTEM "D"  
**STORM DRAIN**

SCALE: 1" = 50'	DATE: 8-10-66
DESIGNED BY: JAS	TRACED BY: ARS, JEG
CHECKED BY: R.E.L.	DRAWING NO. 30 of 34

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. Messick Jr. 84-66  
C.D. MESSICK JR. P.E. NO. 3980 DATE







NOTE: PLAN VIEW SHOWN ON SHEET 30 OF 34

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 FEB 2 1967

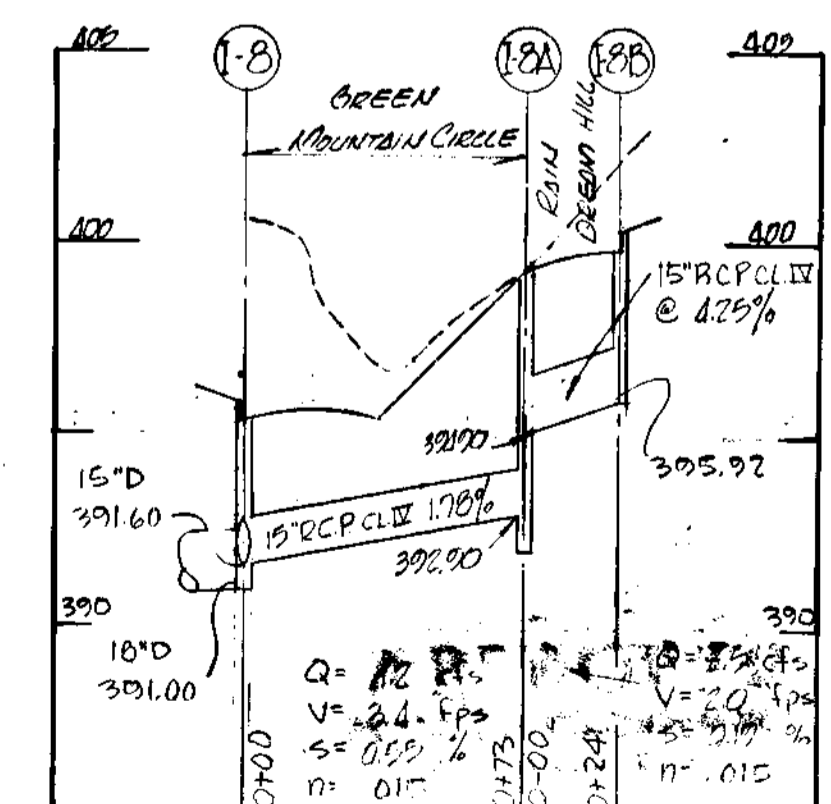
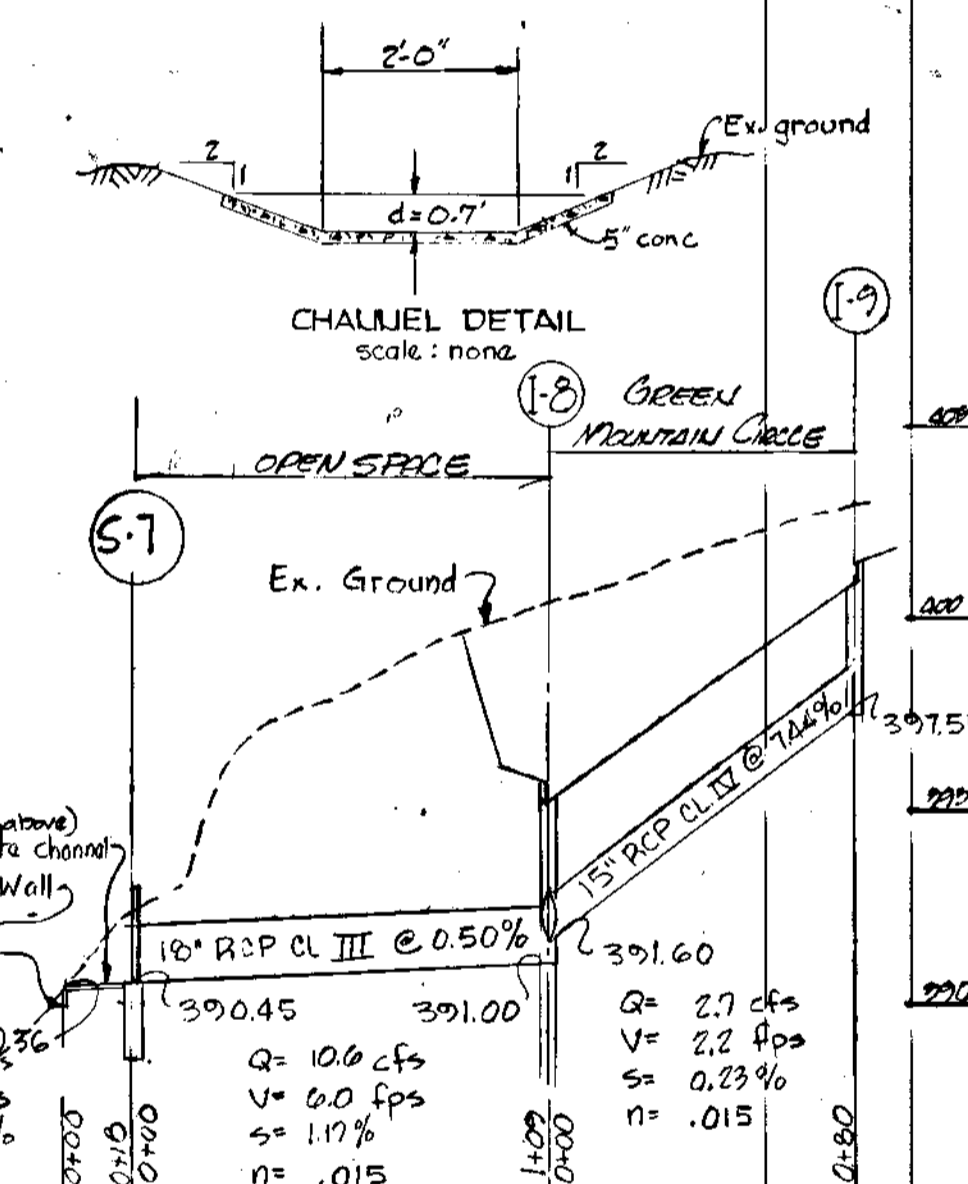
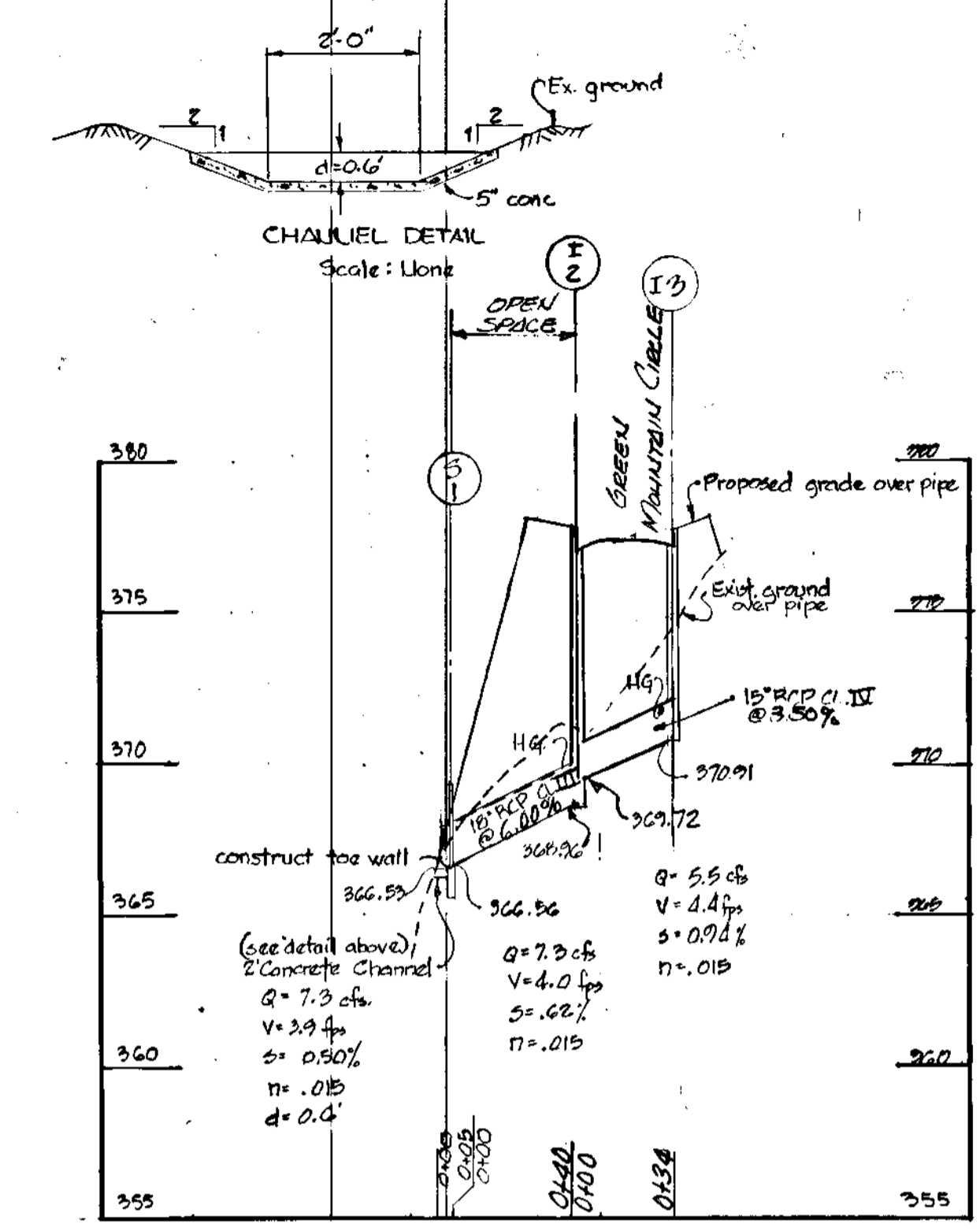
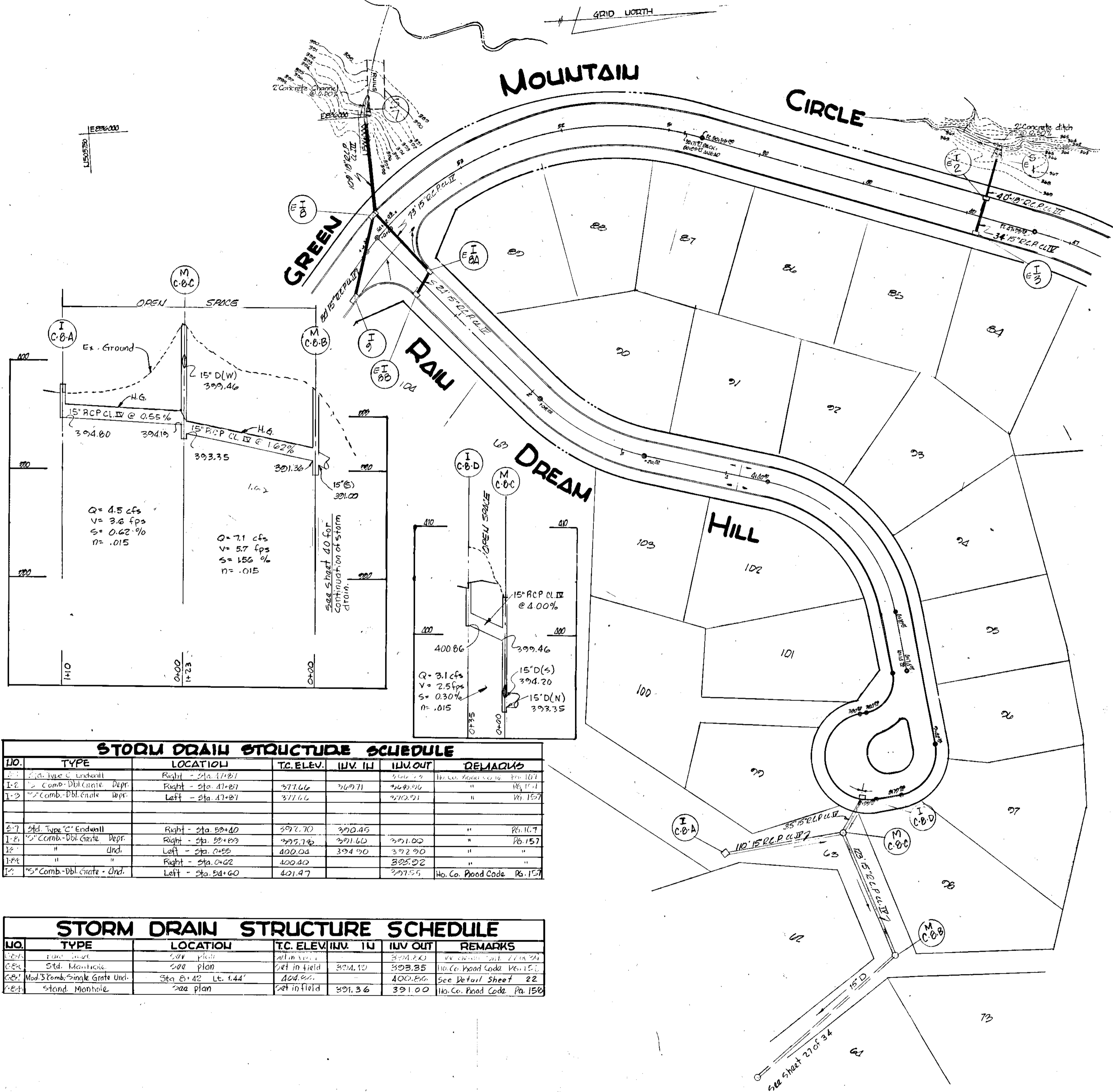
GENERAL STORM DRAIN REVISIONS	J.A.S.	10/17/66	
DESCRIPTION	BY	MARK	DATE
REVISIONS			

**VILLAGE OF WILDE LAKE**  
 SECTION I  
 BRYANT WOODS  
**COLUMBIA**  
 SYSTEM "D"  
**STORM DRAIN**

SCALE: H.P. 1"=50' V.P. 1"=2'	DATE: 8-10-66
DESIGNED BY: AKP	TRACED BY: J.P.G.
CHECKED BY: P.E.L.	DRAWING NO. 31 OF 34

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* B-966  
 C.D. MESSICK JR. P.E. NO. 3380 DATE





PROFILE  
SCALE: Hor: 1"=50'  
Ver: 1"=5'

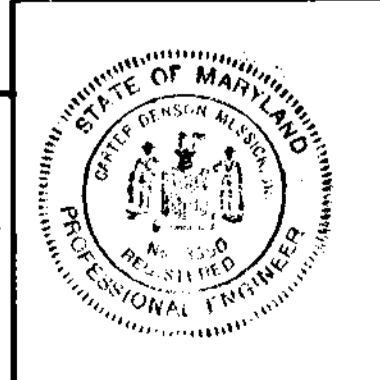
NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
1-1	Std. Type 'C' Endwall	Right - Sta. 41+87	377.66	376.71	376.25	Ho. Co. Flood Code Pg. 157
1-2	" Comb. Dbl. Gate Dept.	Right - Sta. 41+87	377.66	376.71	376.25	" Pg. 157
1-3	" Comb. Dbl. Gate Dept.	Left - Sta. 41+87	377.66	376.71	376.25	" Pg. 157
2-7	Std. Type 'C' Endwall	Right - Sta. 58+40	397.70	397.05		" Pg. 157
1-4	" Comb. Dbl. Gate Dept.	Right - Sta. 58+40	397.70	397.05	397.00	" Pg. 157
1-5	" " " "	Left - Sta. 0+52	400.04	397.90	397.90	" " "
1-6	" " " "	Right - Sta. 0+22	400.40		395.22	" " "
1-7	" Comb. Dbl. Gate Dept. - Chd.	Left - Sta. 54+60	401.47	397.55		Ho. Co. Flood Code Pg. 157

NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
2-8	Stand. Manhole	See plan	394.10	393.85		Ho. Co. Flood Code Pg. 157
2-9	Mod. 3' Comb. Single Gate Und.	Sta. 8+42 Lt. 1.44'	400.04			See Detail Sheet 22
2-10	Stand. Manhole	See plan	391.36	391.00		Ho. Co. Flood Code Pg. 157

Scale  
Plan: 1"=50'  
Profile: Hor: 1"=50'  
Vert: 1"=5'

APPROVED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
FEB 2 1967

C.D. MESSICK, JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
8-9-66  
C.D. MESSICK, JR. P.E. NO. 3390 DATE



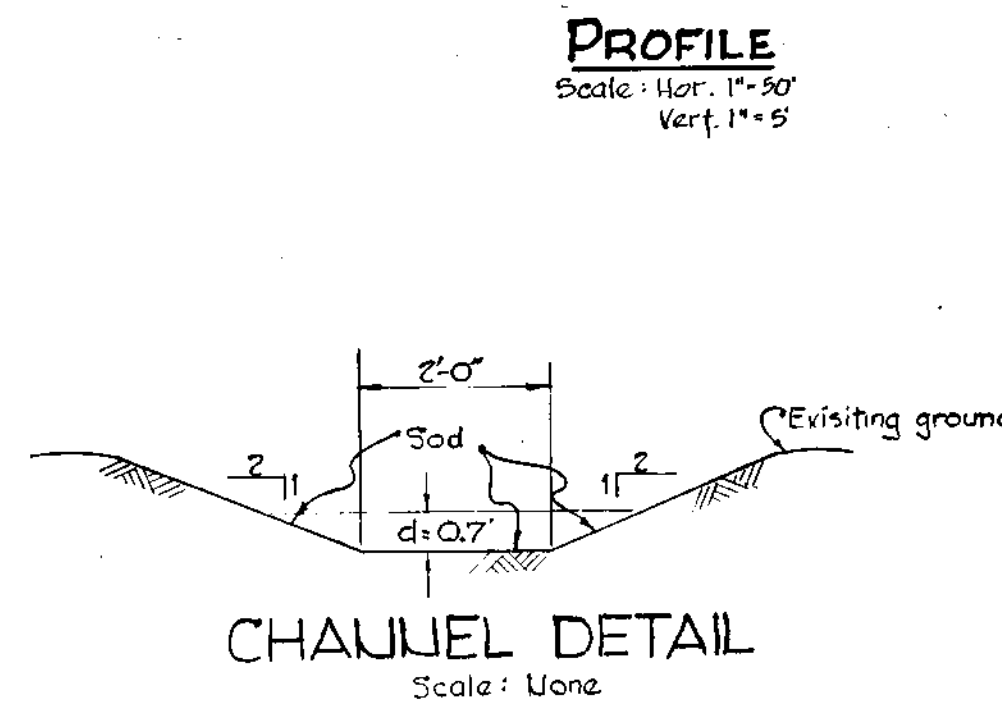
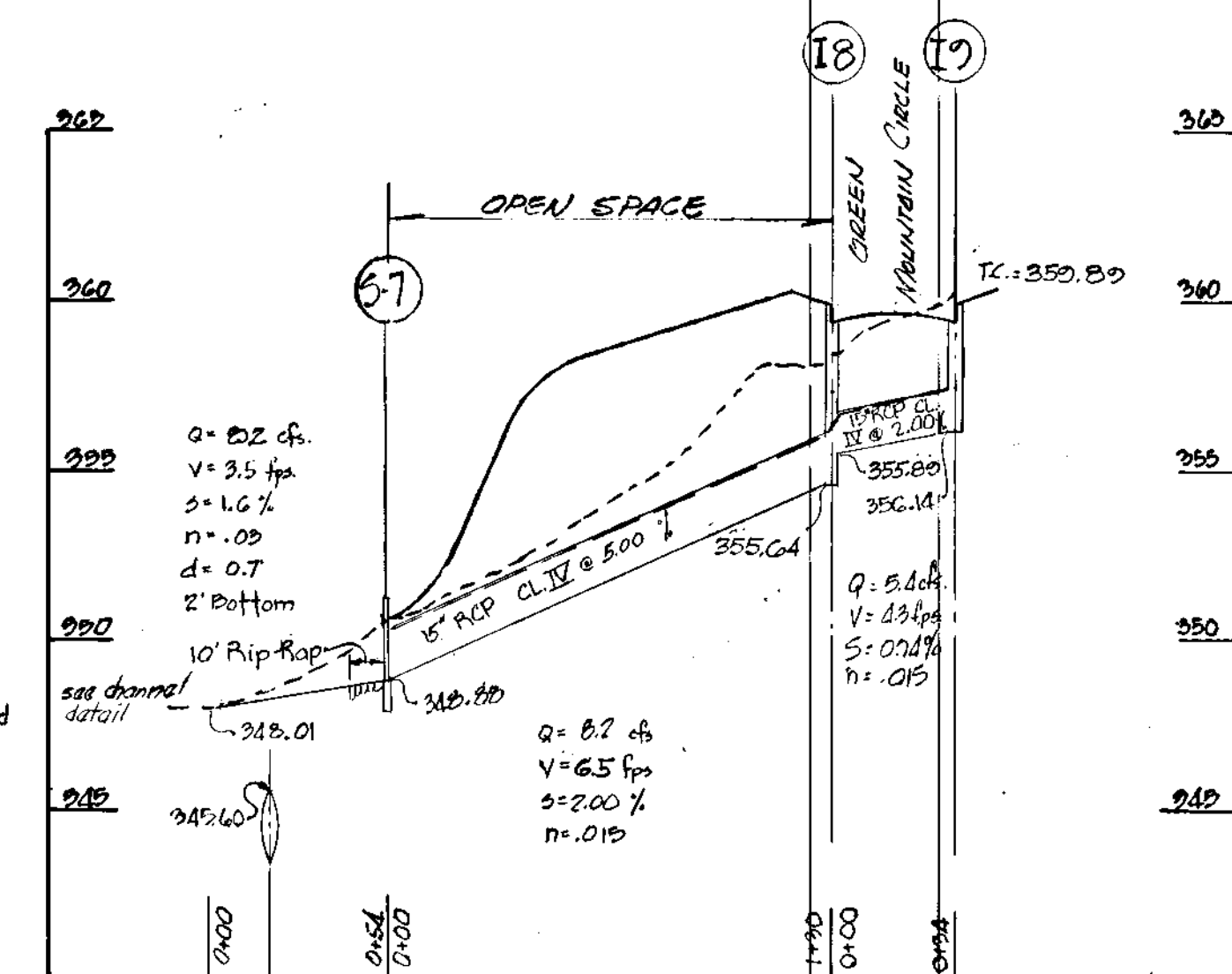
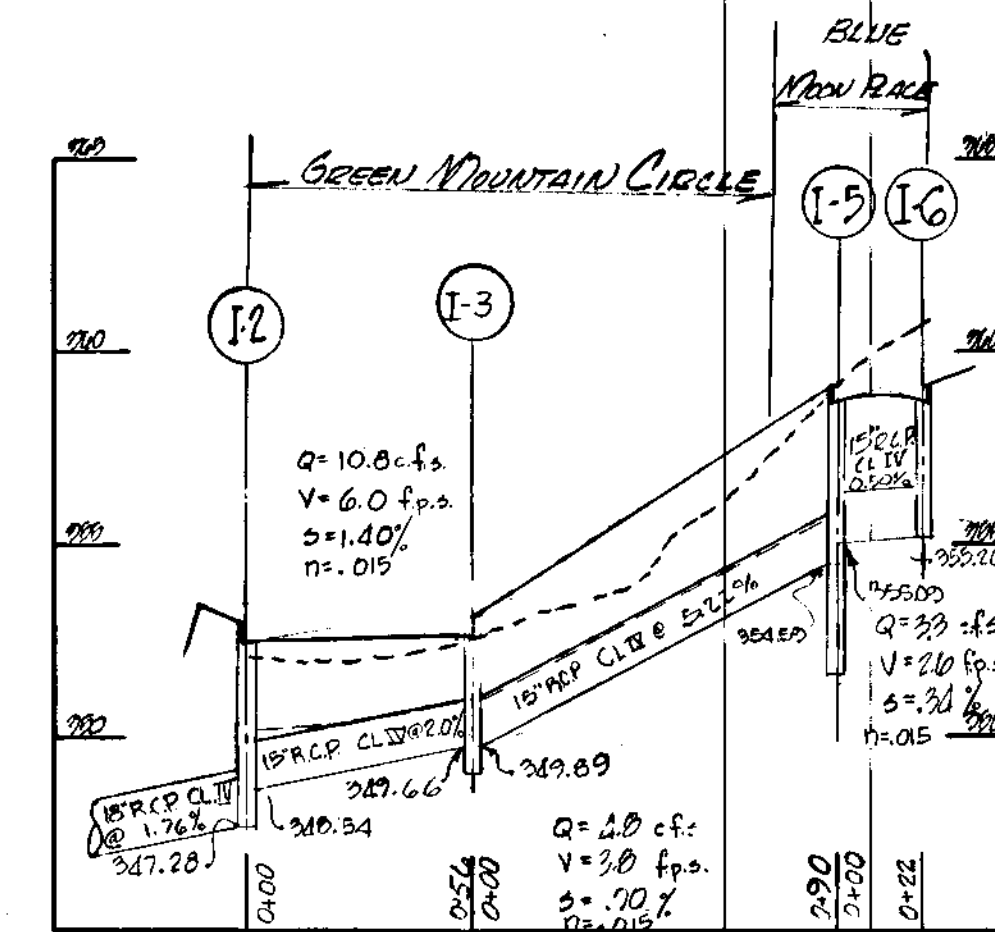
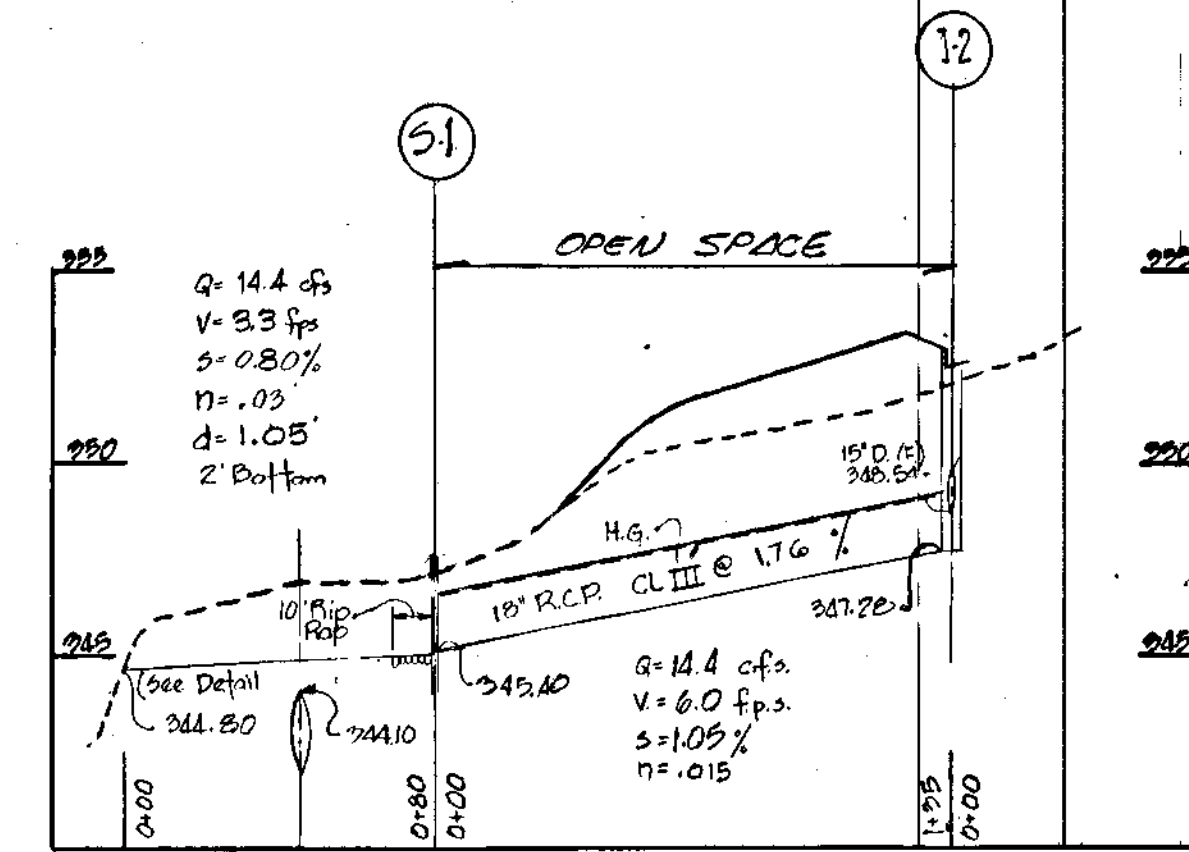
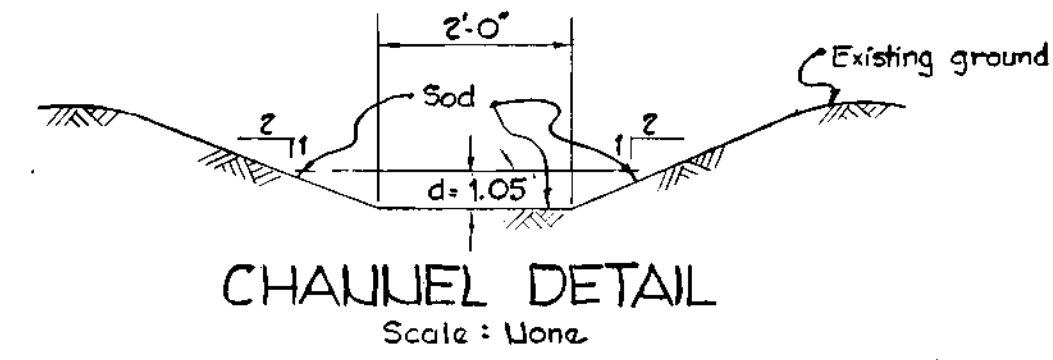
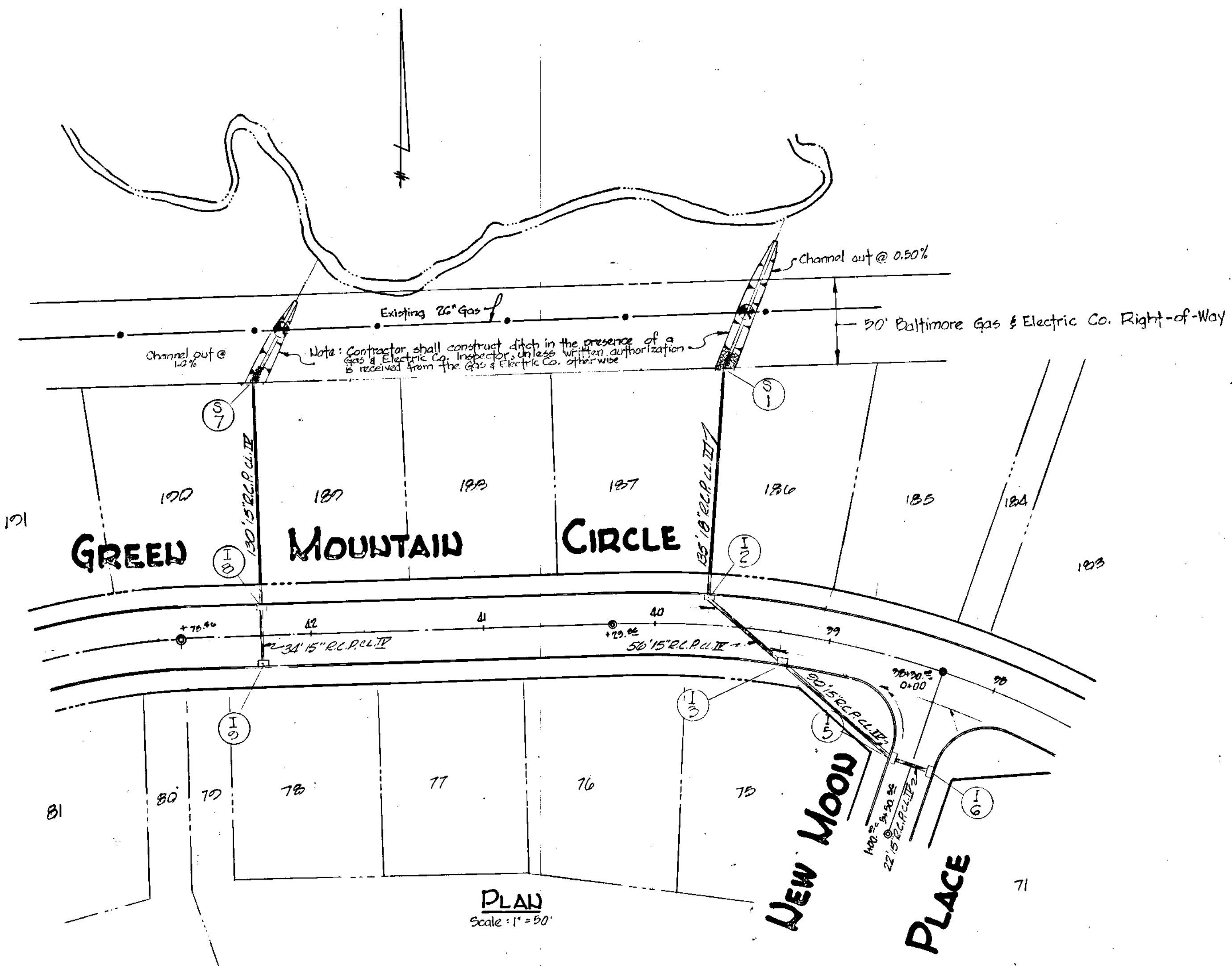
DESCRIPTION	BY	MARK	DATE
GENERAL STORM DRAIN REVISIONS	JAS		10-17-66
Revise Pipe grades & inv.	WHD		10-28-66

REVISIONS

VILLAGE OF WILDE LAKE  
SECTION I  
BRYANT WOODS  
COLUMBIA  
SYSTEM 'C' RE  
STORM DRAIN

SCALE: AS SHOWN	DATE: 8-10-66
DESIGNED BY: RWJ, JAS	TRACED BY: WHD, ARS
CHECKED BY: JCS	DRAWING NO. 32 of 34





STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	T.C. ELEV.	INLET	OUTLET	REMARKS
S-1	Std. Endwall Typ. C	Rt. Sta. 27+78.34	347.00	345.40	345.40	Ho. Co. Road Code Pk. 107
I-2	Mod. S Comb. Single Gate-Und.	Rt. Sta. 27+78.34	347.21	345.54	347.23	See Detail sheet 22
I-3	"	Lt. Sta. 27+30	342.20	342.80	342.66	"
I-4	"	Lt. Sta. 0+00.00	347.24	355.09	354.59	"
I-5	" (Exp.)	Lt. Sta. 0+00.00	347.24	355.09	354.59	"
S-7	Std. Endwall Typ. C	Rt. Sta. 42+28	357.00	355.64	348.88	Ho. Co. Road Code Pk. 107
I-8	Mod. S Comb. Single Gate-Dep.	Rt. Sta. 42+28	357.00	355.64	355.64	See Detail sheet 22
I-9	"	Lt. Sta. 42+28	357.00	355.64	355.64	"

C.D. MESSICK, JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET MINNAPOLIS, MARYLAND  
C.D. Messick, Jr. 8-2-66  
C.D. MESSICK, JR. P.E. NO. 3390 DATE



APPROVED

FEB 2 1967

J.P.C.

GENERAL STORM DRAIN REVISIONS		J.A.S.	10-17-66
Revised Storm Drain Layout		W.L.	8-2-66
DESCRIPTION	BY	MARK	DATE
REVISIONS			
<b>VILLAGE OF WILDE LAKE</b>			
SECTION I			
BRYANT WOODS			
<b>COLUMBIA</b>			
SYSTEM "F"			
STORM DRAIN			
SCALE: AS SHOWN	DATE: 8-10-66	DESIGNED BY: A.R.S., J.A.S.	TRACED BY: A.R.S.
CHECKED BY: J.C.S.	DRAWING NO. 33 of 34		