

**INDEX OF SHEETS**

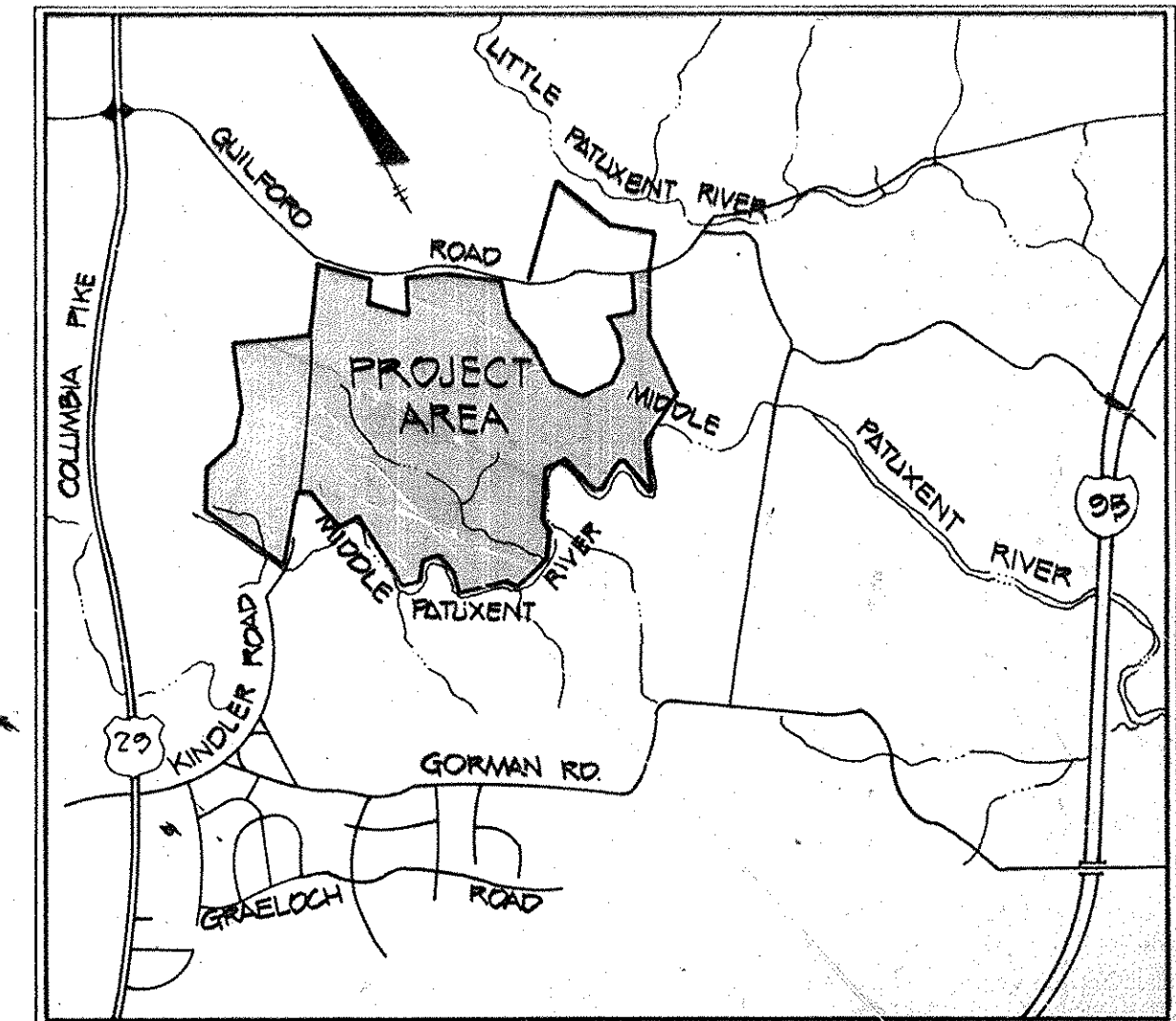
No	Description
1	TITLE SHEET
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3	DETAIL SHEET
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5	ROAD PLAN - WEATHER WORN WAY, SWEET HOURS WAY, LILAC SEA, MOON PORTRAIT WAY
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20	STORM DRAIN PROFILES
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22	STORM DRAIN PROFILES
23	SEDIMENT CONTROL PLAN
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27	SEDIMENT CONTROL DETAILS

# VILLAGE OF KINGS CONTRIVANCE

## SECTION 2, AREA 3, PHASE 3

### 6TH. ELECTION DISTRICT

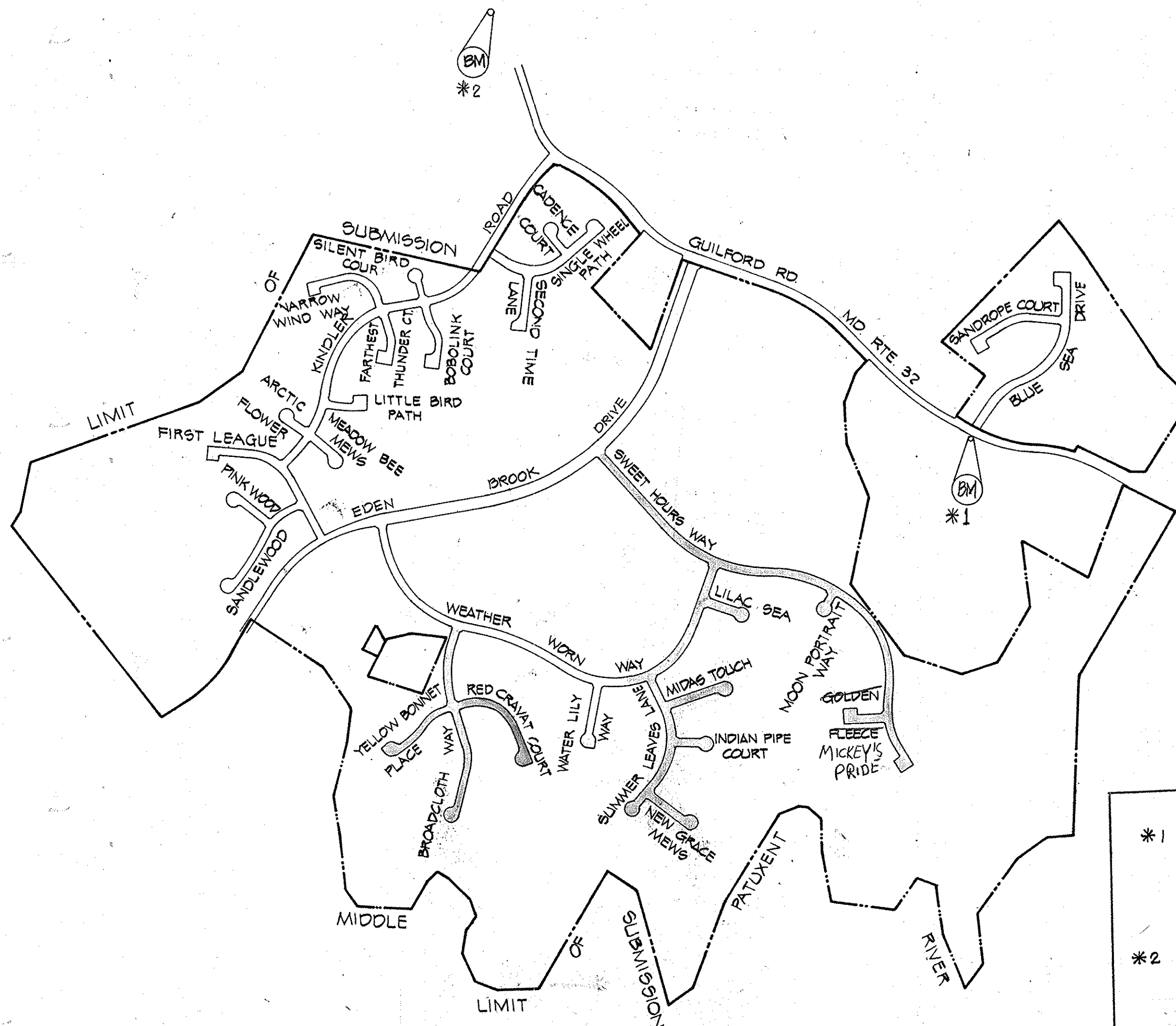
# HOWARD COUNTY, MARYLAND



**VICINITY MAP**  
Scale: 1"=2000'

ALL CONSTRUCTION SHOWN HEREON SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS

NOTE: 2/25/2016 - CAPITAL PROJECT D-1199 REVISED THE CONTROL STRUCTURE AND SPILLWAY UNDER SWEET HOURS WAY AT APPROXIMATELY STATION 16+13 TO REMOVE THE STRUCTURE AND REPLACE WITH A STANDARD 66" RCP CULVERT AND ASSOCIATED HEADWALLS. ADDITIONAL GRADING TO RETURN THE STREAM TO A NATURAL STATE IS ALSO PROVIDED.



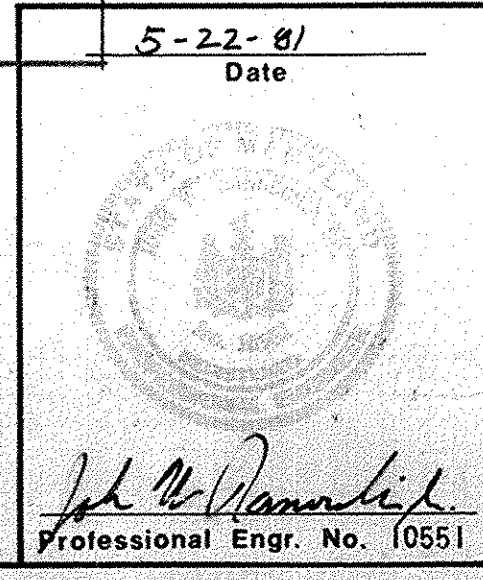
**Bench Mark**  
\*1 BM #2240001 Elev. = 322.627  
Description  
Concrete Monument 16" s. of  
S. Edge Rd. N 42° 00' 00" E 232.011.300

**Bench Mark**  
\*2 BM #2340002-R Elev. = 322.611  
Description  
R.B. 15' w. of W. Edge Rd.  
7' Below Surface N 42° 00' 00" E 232.002.052

**PLAN**  
Scale: 1"=600'

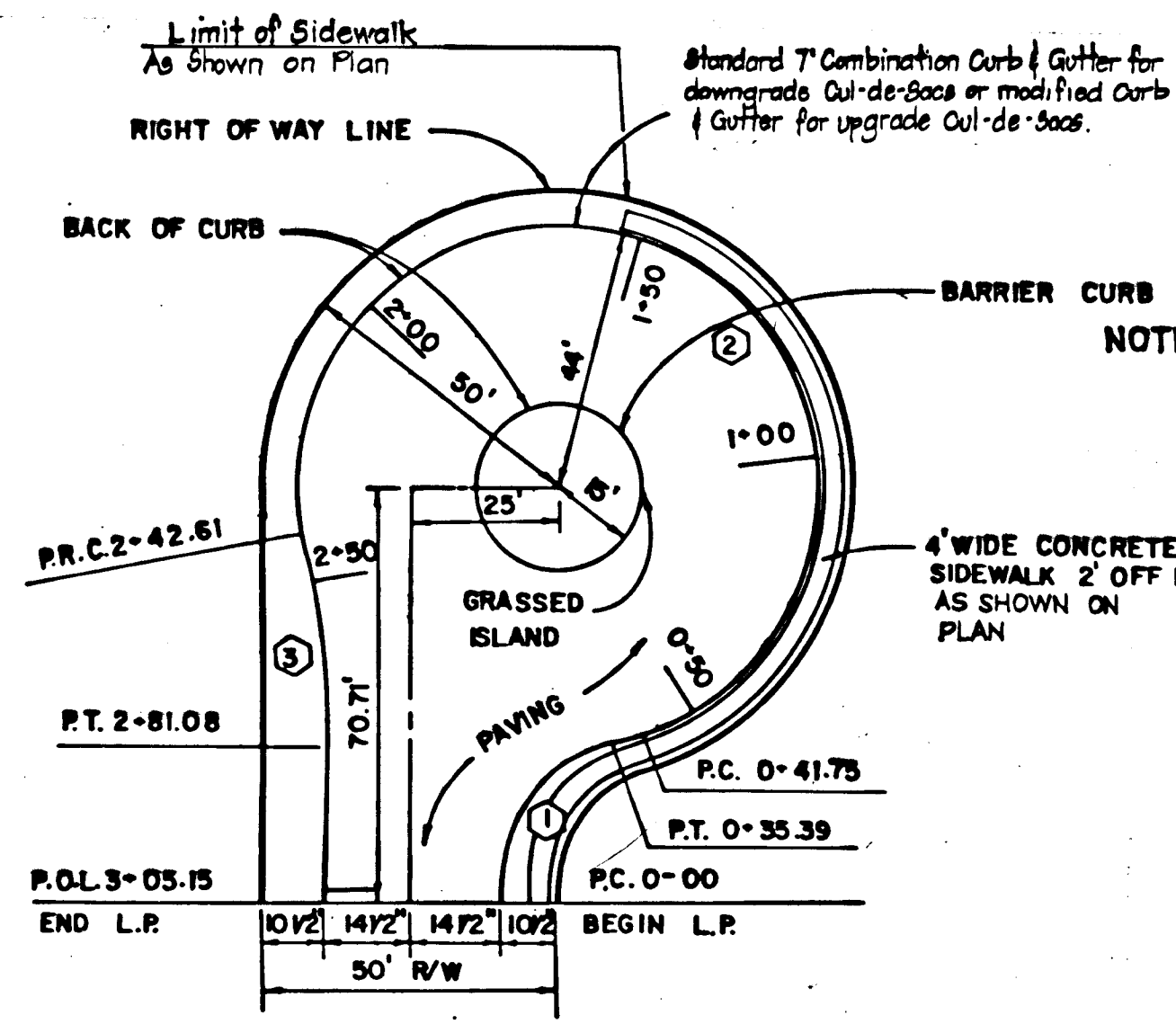
AS BUILT SURVEY  
CERTIFIED BY  
RICHARD T. LANE  
REG-LS  
# 301  
11-6-86

DEPARTMENT OF PUBLIC WORKS		
<i>Richard E. Ryan</i>	7/14/81	DATE
CHIEF, BUREAU OF ENGINEERING		
DEPARTMENT OF PLANNING AND ZONING		
<i>John W. Damschke</i>	6-30-81	DATE
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN.		
4/13/16	BFC	Remove riser structure & replace princ. spillway
11/1/82		Eden Brook Lane to Eden Brook Drive w/ 66" RCP
Date	No	Revision Description
VILLAGE OF KING'S CONTRIVANCE SECTION 2, AREA 3, PHASE III 6TH ELECTION DISTRICT HOWARD COUNTY, MD.		
OWNER AND DEVELOPER THE HOWARD RESEARCH & DEVELOPMENT CORP. THE ROUSE COMPANY COLUMBIA, MARYLAND		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA	TAX MAP 41 & 42 PARCELS 13, 54 PART OF 5, 358, 17	
TITLE	TITLE SHEET	
Des By	JWR	Scale: As Shown
Drn By	TD	Date: 3-7-80
Chk By	GPM	Approved
Proj No	0570	
Drawing No.	1 OF 27	



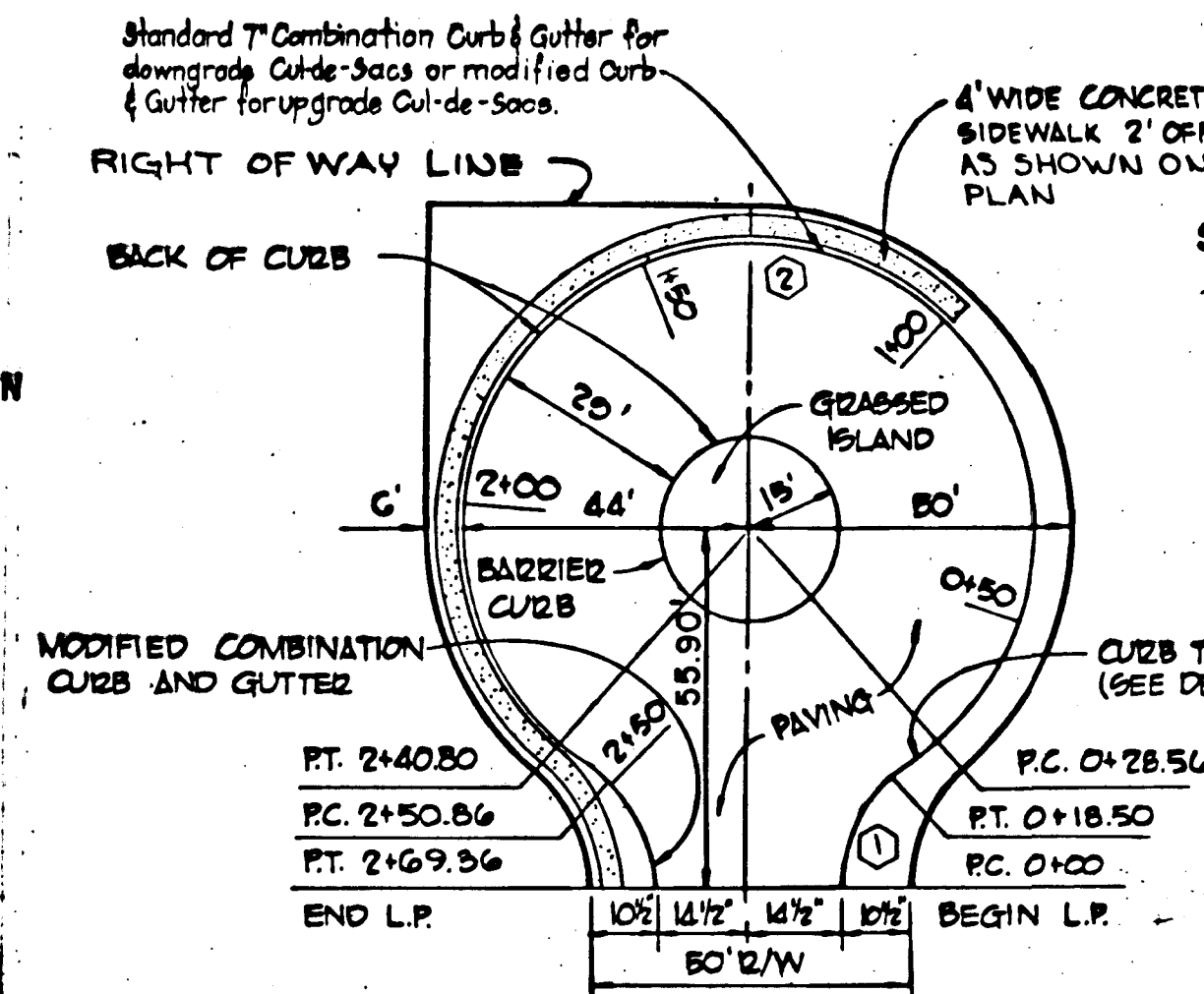
5-5-89 AS-BUILT

F-61-89



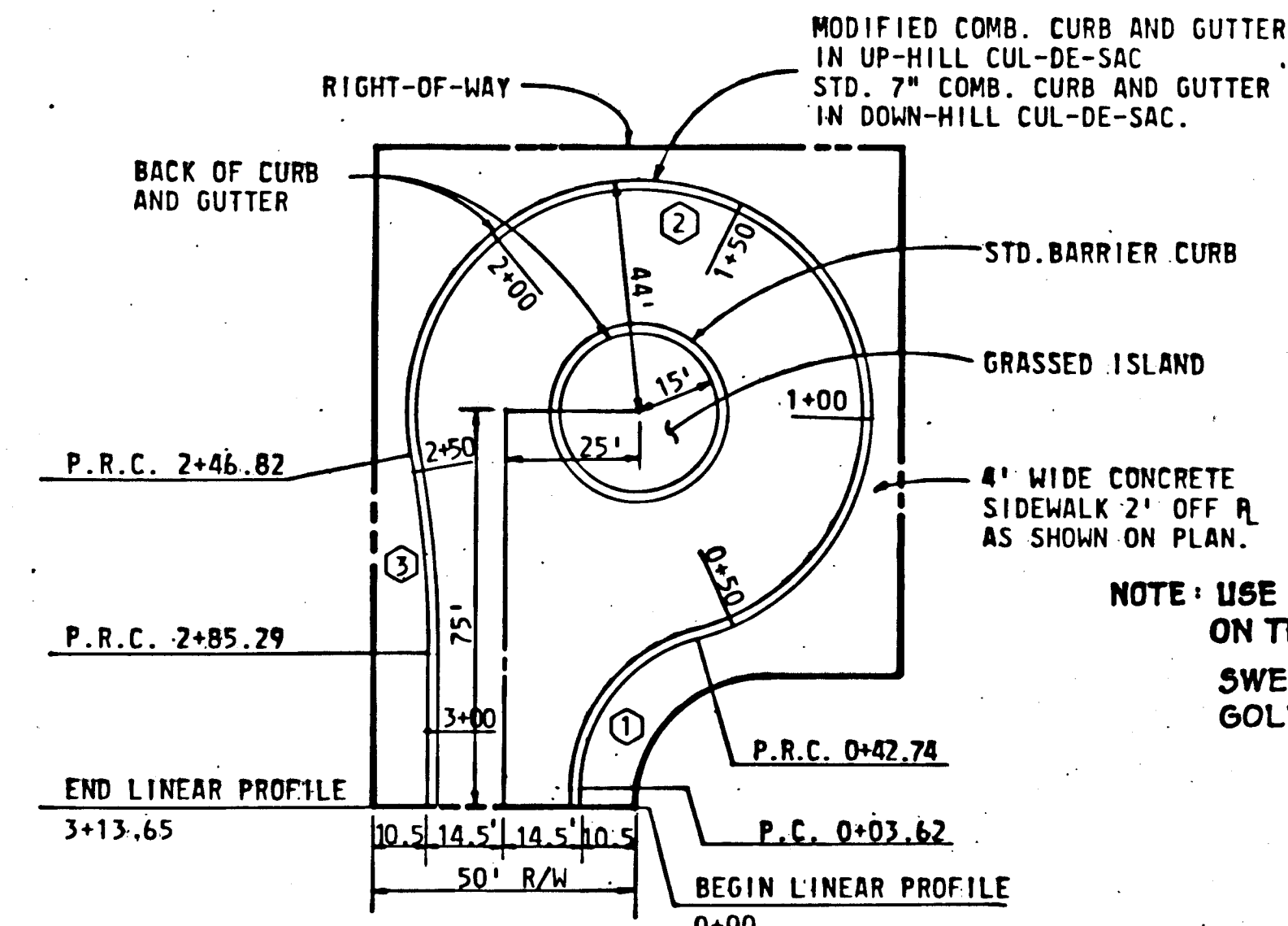
CURB CURVE DATA				
CURVE	RADIUS	LENGTH	Δ	TANGENT
1	28.75'	35.39'	70°31'44"	20.33'
2	44.00'	200.86'	261°32'59"	-
3	200.00'	38.47'	11°01'15"	19.29'

**CUL-DE-SAC FOR 50' R/W**  
Scale: 1"=30'



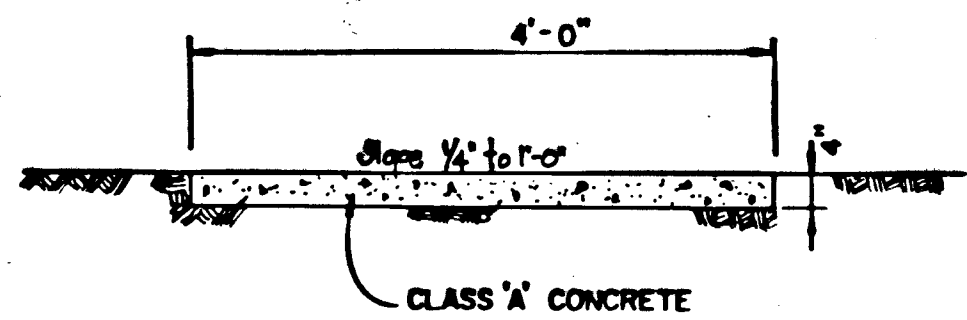
CURB CURVE DATA				
CURVE	RADIUS	LENGTH	Δ	TANGENT
1	22.00'	18.50'	48°11'23"	5.84'
2	44.00'	212.24'	276°22'48"	-

**CUL-DE-SAC FOR 50' R/W**  
Scale: 1"=30'

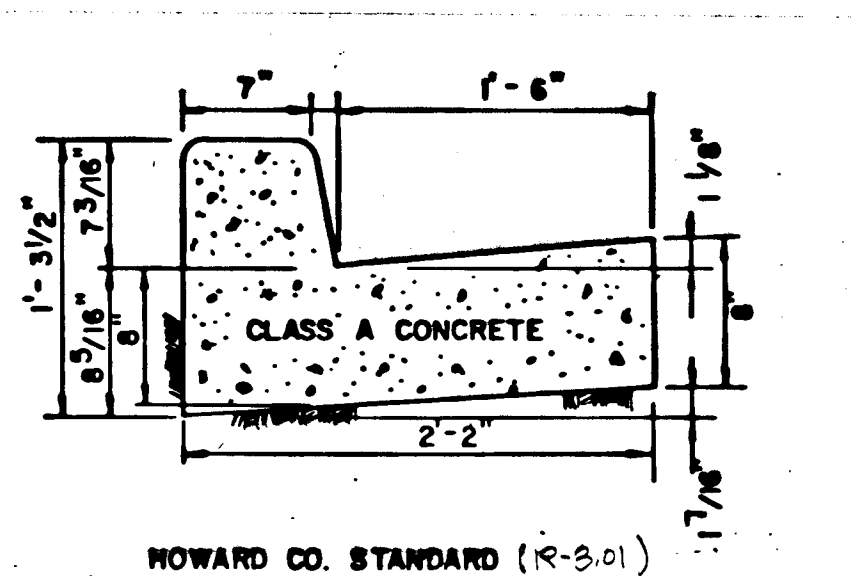


CURB CURVE DATA				
CURVE	RADIUS	LENGTH	Δ	TANGENT
1	38.00'	39.12'	74°43'17"	22.30'
2	44.00'	204.88'	265°44'32"	-
3	200.00'	38.47'	11°01'15"	19.29'

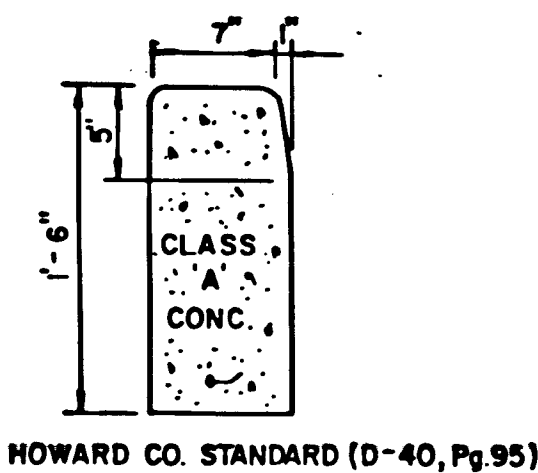
**CUL-DE-SAC FOR 50' R/W**  
Scale: 1"=30'



**SIDEWALK DETAIL**  
No Scale

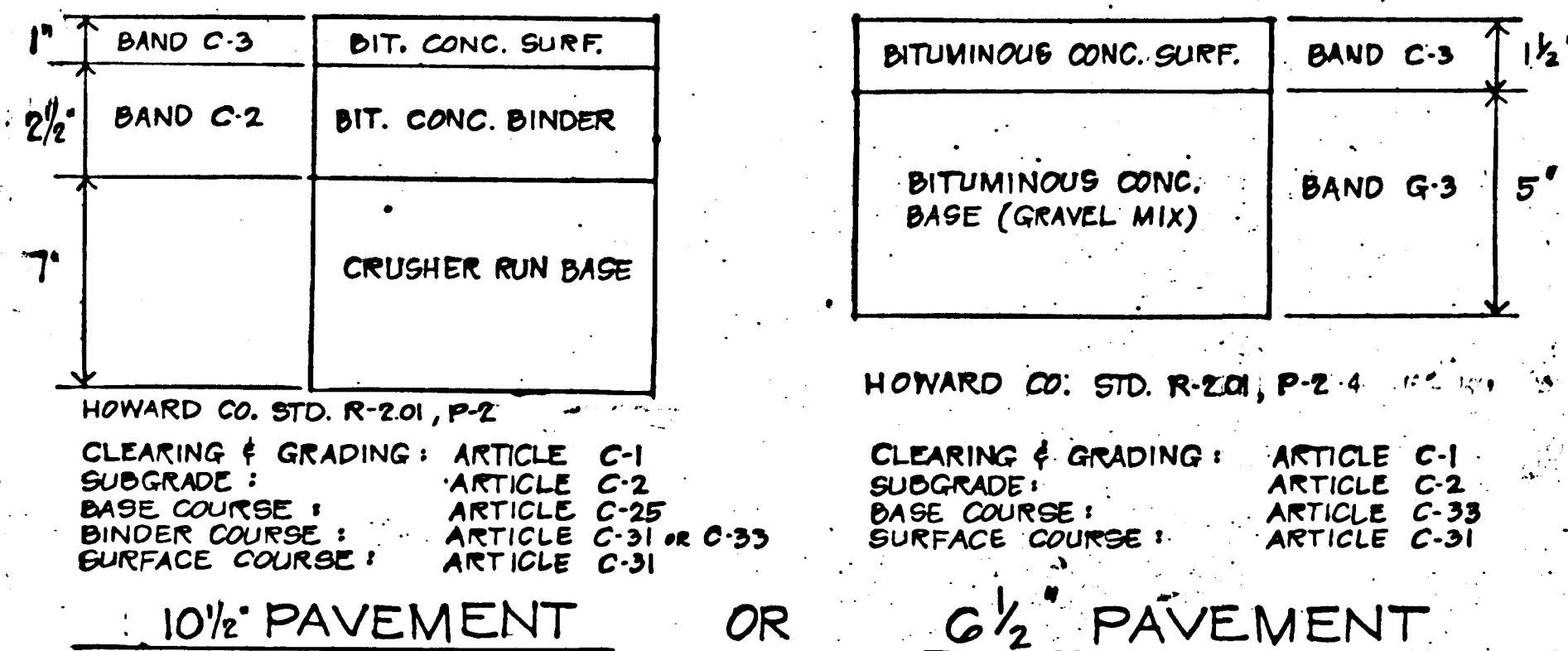


**STD. 7" COMB. CURB & GUTTER**  
No Scale



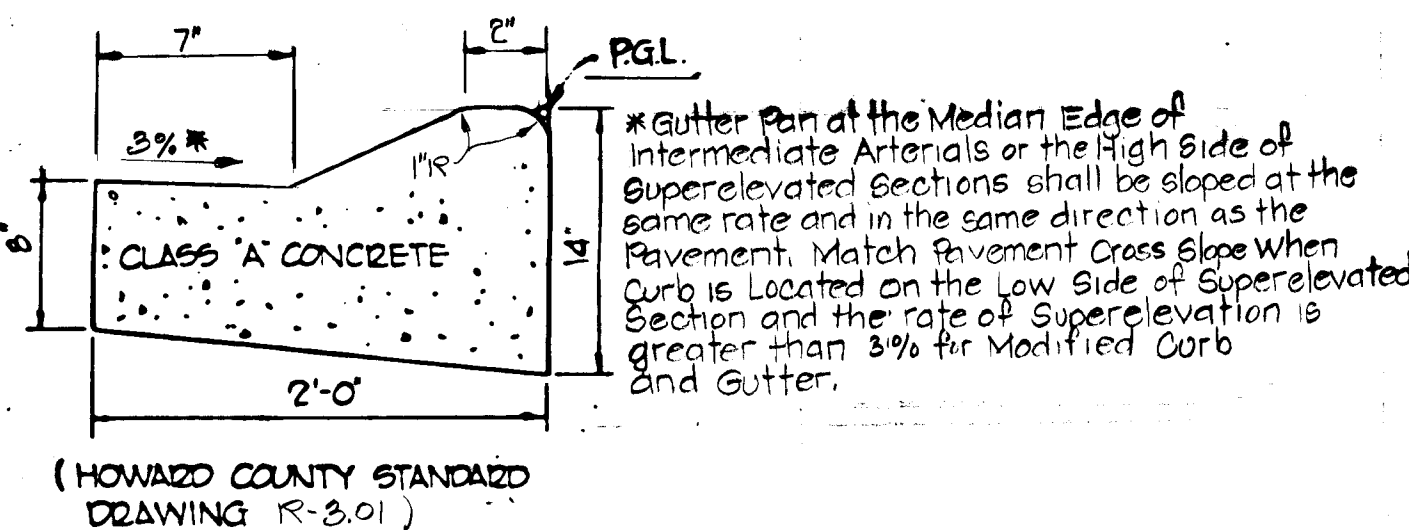
**STD. BARRIER CURB**  
No Scale

NOTE: ONLY ONE PAVING SECTION SHALL BE USED THROUGHOUT THE LIMITS OF THESE PLANS

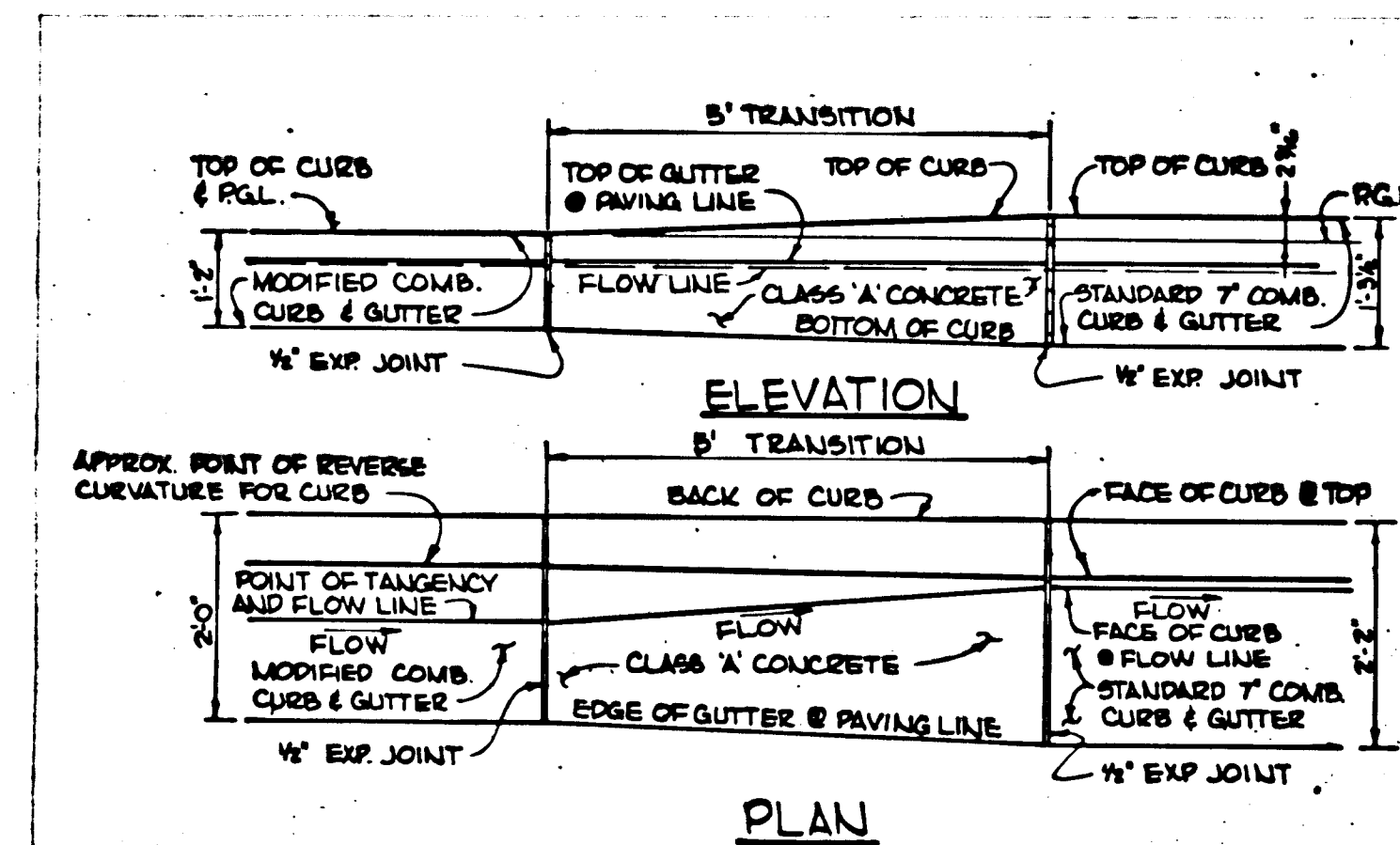


**TYPICAL PAVING SECTION**  
No Scale

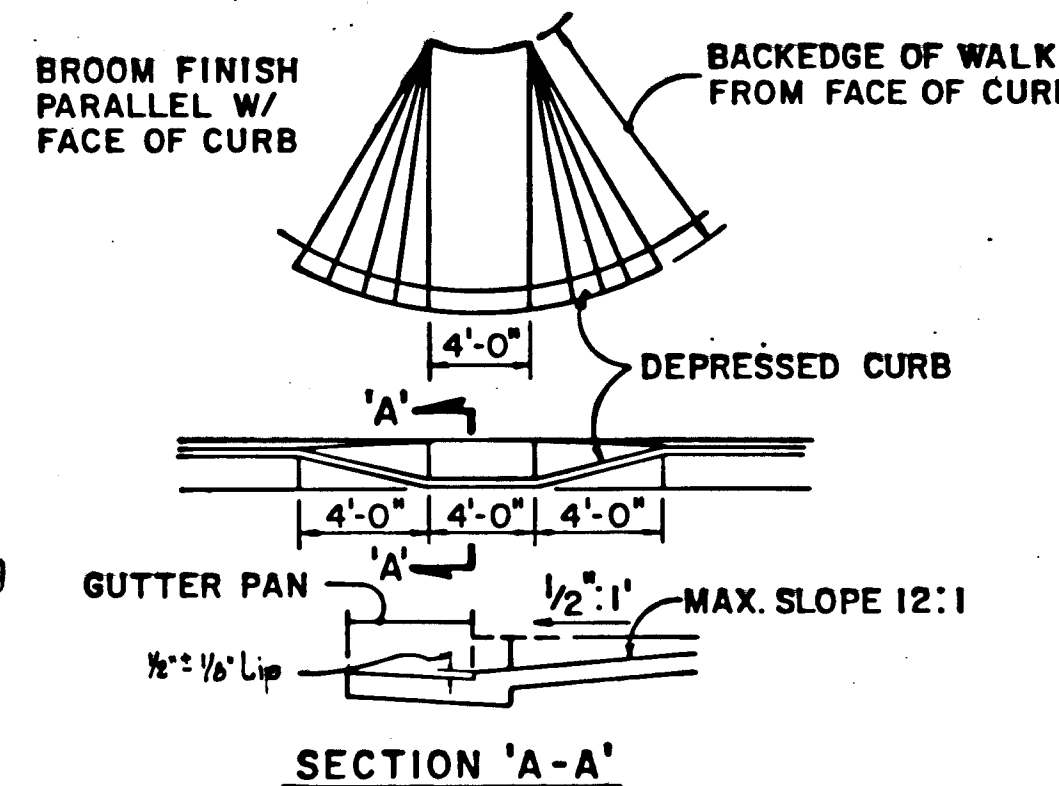
FOR 29' WIDE PAVING



**MODIFIED COMB. CURB AND GUTTER**  
No Scale



**CURB TRANSITION DETAIL**  
No Scale



**SIDEWALK RAMP DETAIL**  
No Scale

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Chief, Bureau of Engineering  
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Chief, Division of Land Development and Zoning Administration

Date	No.	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
Section 2, Area 3, Phase III  
6th Election District of Howard County, Maryland  
OWNER AND DEVELOPER  
THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
THE ROUSE COMPANY  
Columbia, Maryland

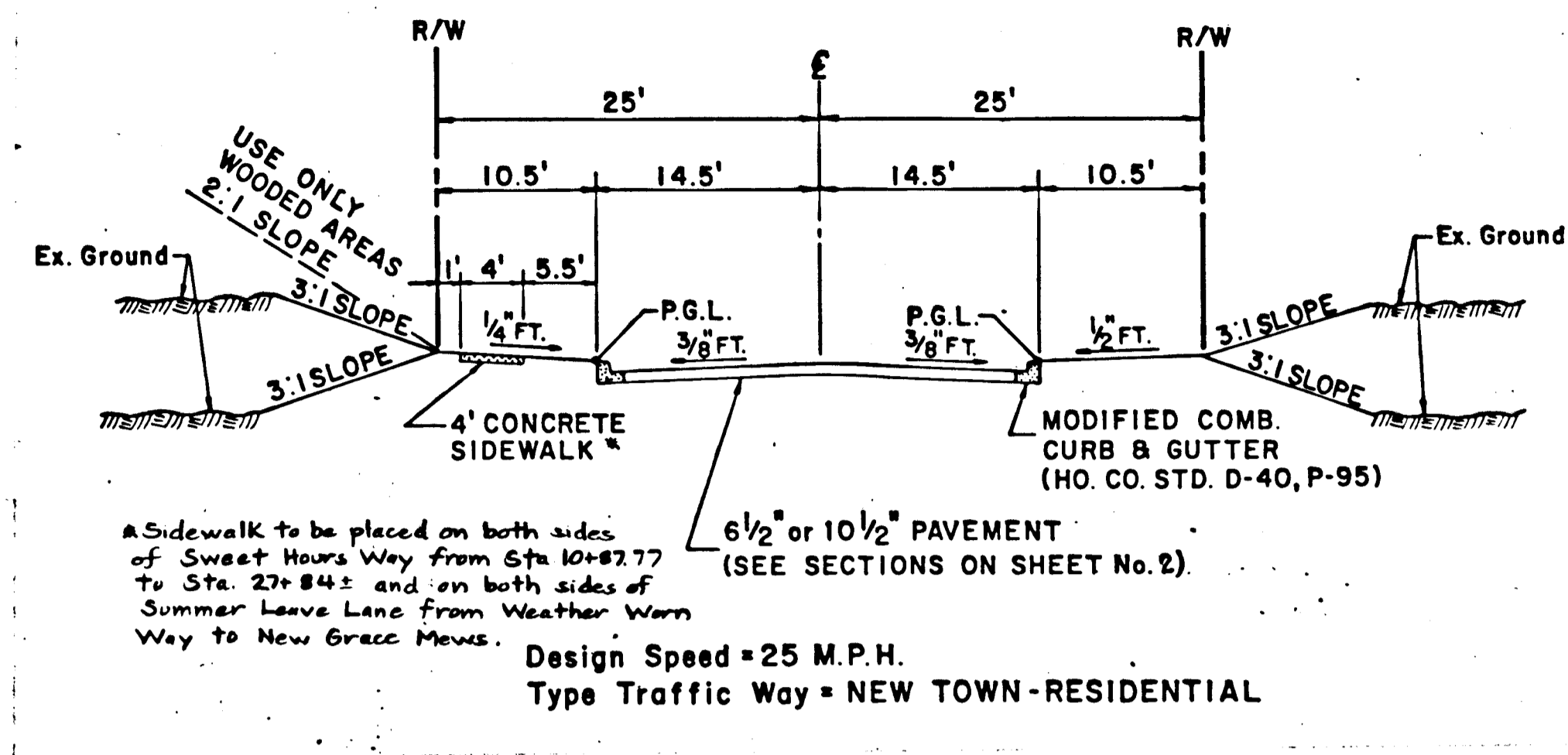
CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA TAX MAP 41 AND 42  
PARCELS 13, 54 PART OF 5, 358, 17

TITLE DETAILS

Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No. 2 OF 27
Chk By G.K.	Approved	

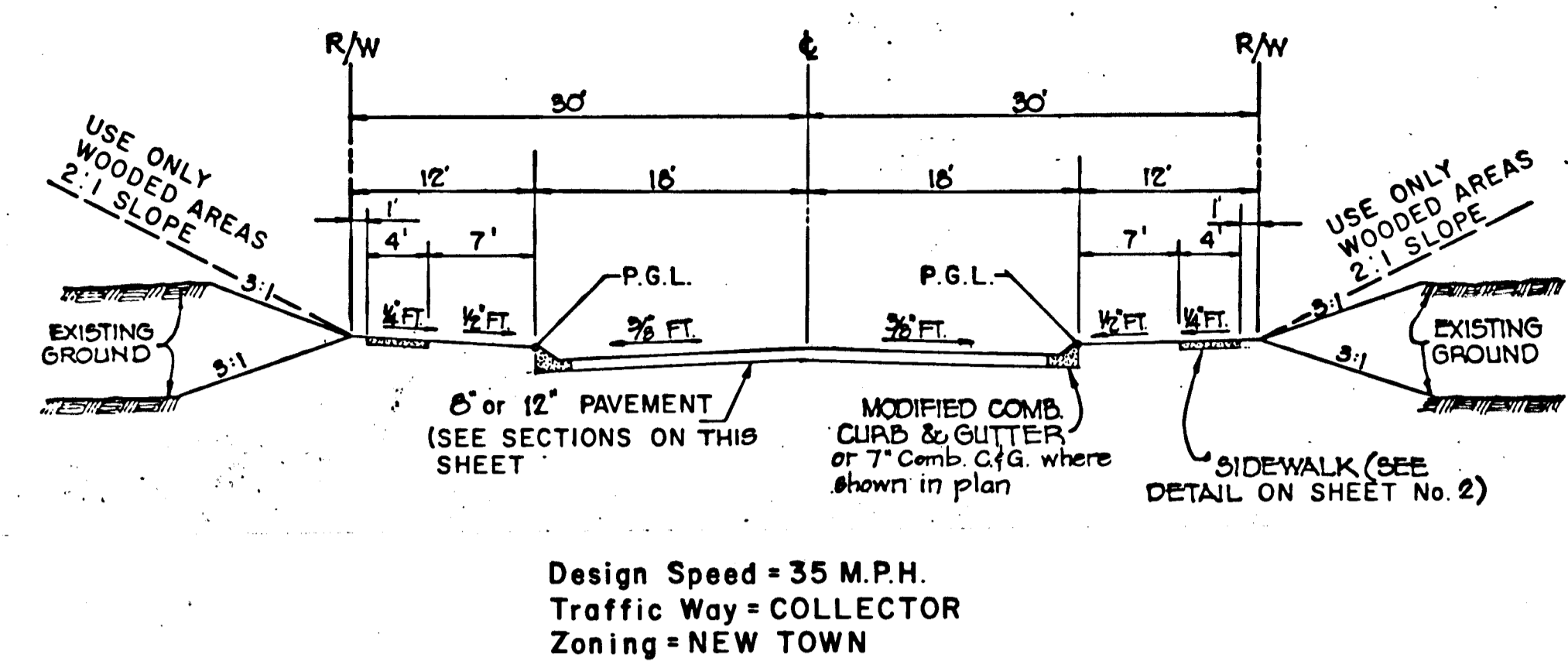
5-22-80  
Date  
Professional Engr. No. 10551



**50' R/W TYPICAL SECTION**

No Scale

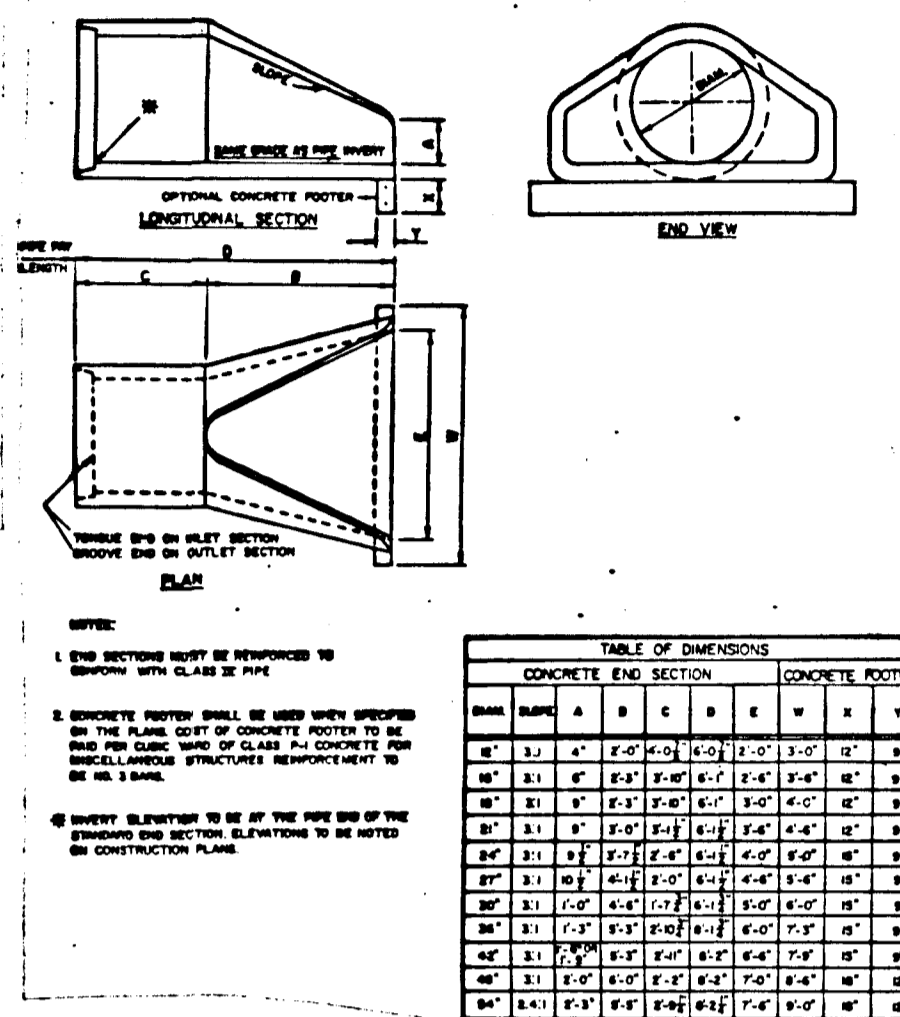
NOTE: USE THIS TYPICAL SECTION ON THE FOLLOWING ROADS:  
 SWEET HOURS WAY - FROM STA. 10+87.77 TO STA. 20+71.69  
 MOON PORTRAIT WAY  
 LILAC SEA  
 GOLDEN FLEECE  
 BROADCLOTH WAY  
 RED CRAVAT COURT  
 YELLOW BONNET PLACE  
 NEW GRACE MEWS  
 INDIAN PIPE COURT  
 MIDAS TOUCH  
 SUMMER LEAVE



**60' R/W TYPICAL SECTION**

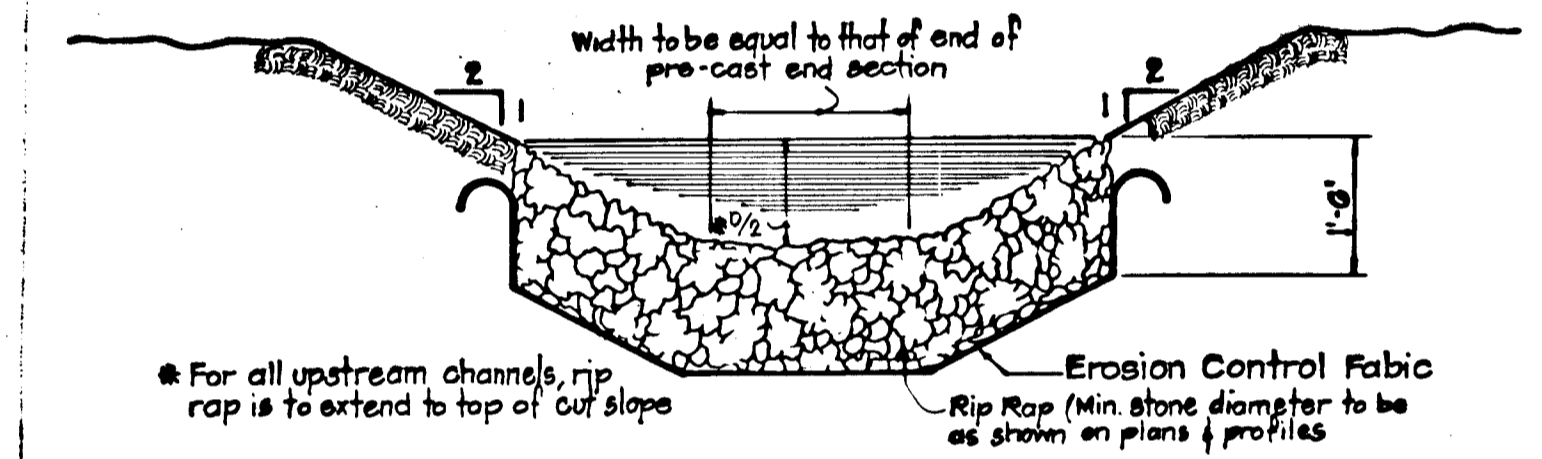
No Scale

NOTE: USE THIS TYPICAL SECTION ON THE FOLLOWING ROADS:  
 SWEET HOURS WAY - FROM STA. 0+62.74 TO STA. 10+87.77  
 WEATHER WORN WAY



**PRECAST END SECTION DETAIL**

No Scale



**RIP-RAP CHANNEL**

No Scale

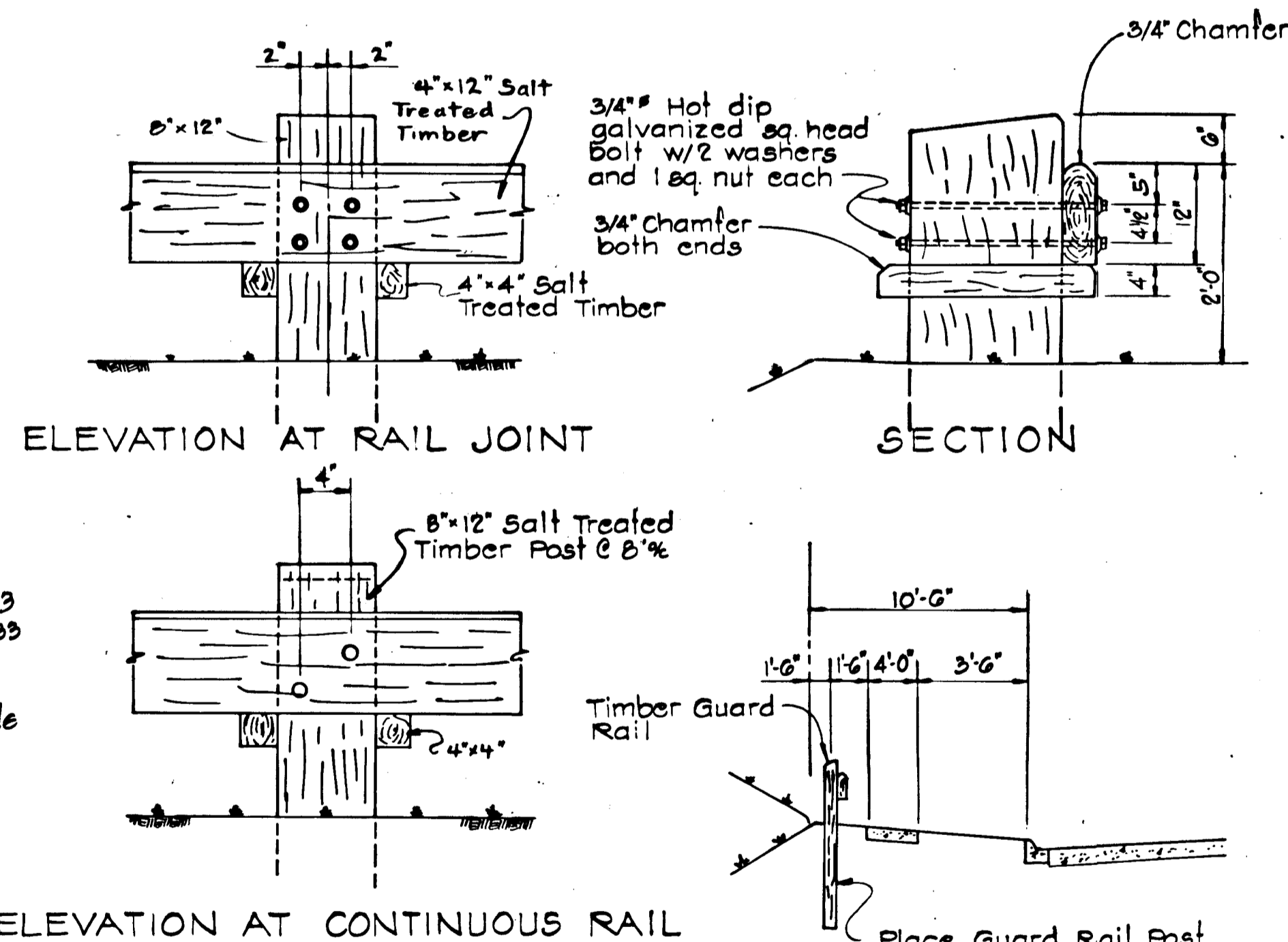
6" Pavement		12" Pavement	
Bituminous Concrete Surface	1.5" Band C-3	Bituminous Concrete Surface	1.5" Band C-3
Bituminous Concrete Binder	1.5" Band A-3	Bituminous Concrete Binder	1.5" Band C-2
Bituminous Concrete Base	5" Band D-2 or C-3	Bituminous Concrete Base	3"
	First Phase	Crusher Run Sub-Base	6"

Howard Co. Std. Dwg. No. D-10, Pg. 05	Article	Clearing & Grading Subgrade	Article	Clearing & Grading Subgrade
Subgrade	C-1	Sub-Base Course	C-2	Sub-Base Course
Base Course	C-31 or C-33	Base Course	C-25	Base Course
Binder Course	C-31	Binder Course	C-31 or C-33	Binder Course
Surface Course	C-31	Surface Course	C-31	Surface Course

To be constructed in accordance with the Howard County Road Construction Code and Specifications. See Paving Section on Sheet 2 for other notes.

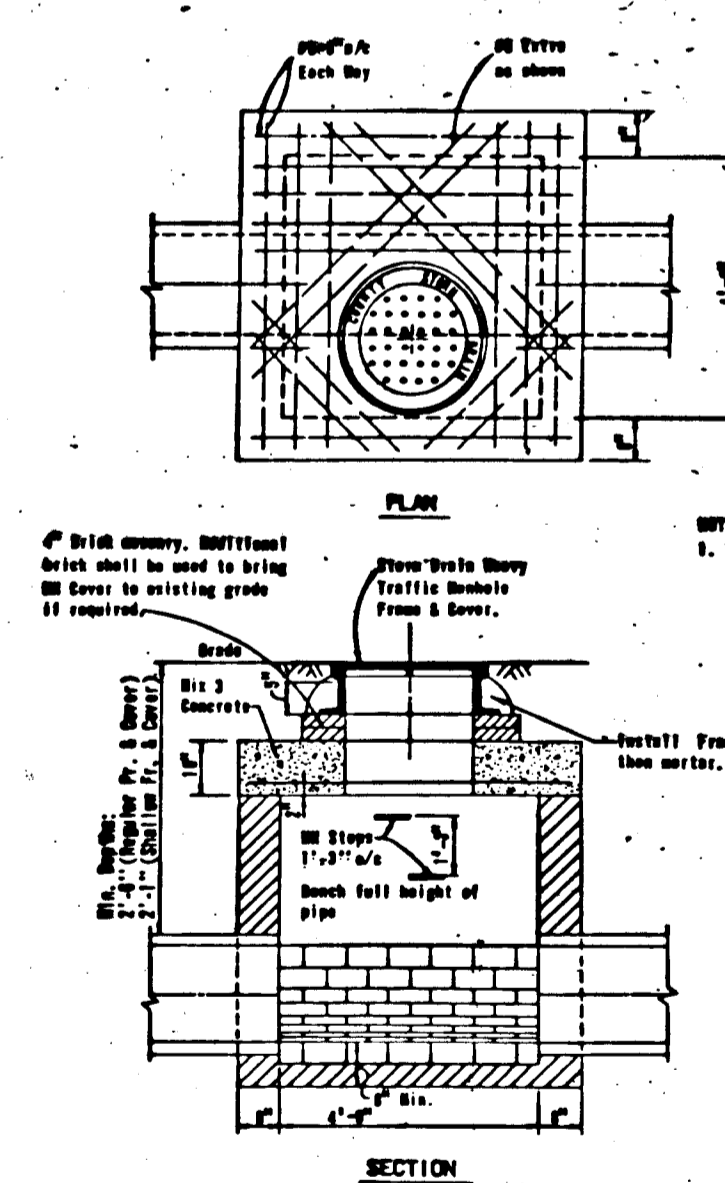
**TYPICAL PAVING SECTION**

FOR 36' Wide Paving



**TYPICAL TIMBER GUARD RAIL DETAIL**

NO SCALE



**SHALLOW MANHOLE DETAIL**

No Scale

5-22-87  
 Date  
  
 Professional Engr. No. 10551

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Bureau of Engineering  
 7/14/87  
 Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development and Zoning Admin.  
 6/30/87  
 Date

Date	No.	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
 Section 2, Area 3, Phase III  
 6th Election District of Howard County, Maryland

OWNER AND DEVELOPER  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE ROUSE COMPANY  
 Columbia, Maryland

CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21204

AREA  
 TAX MAP 41 AND 42  
 PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
 DETAILS

Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No. 3 OF 27
Chk By G.K.	Approved	

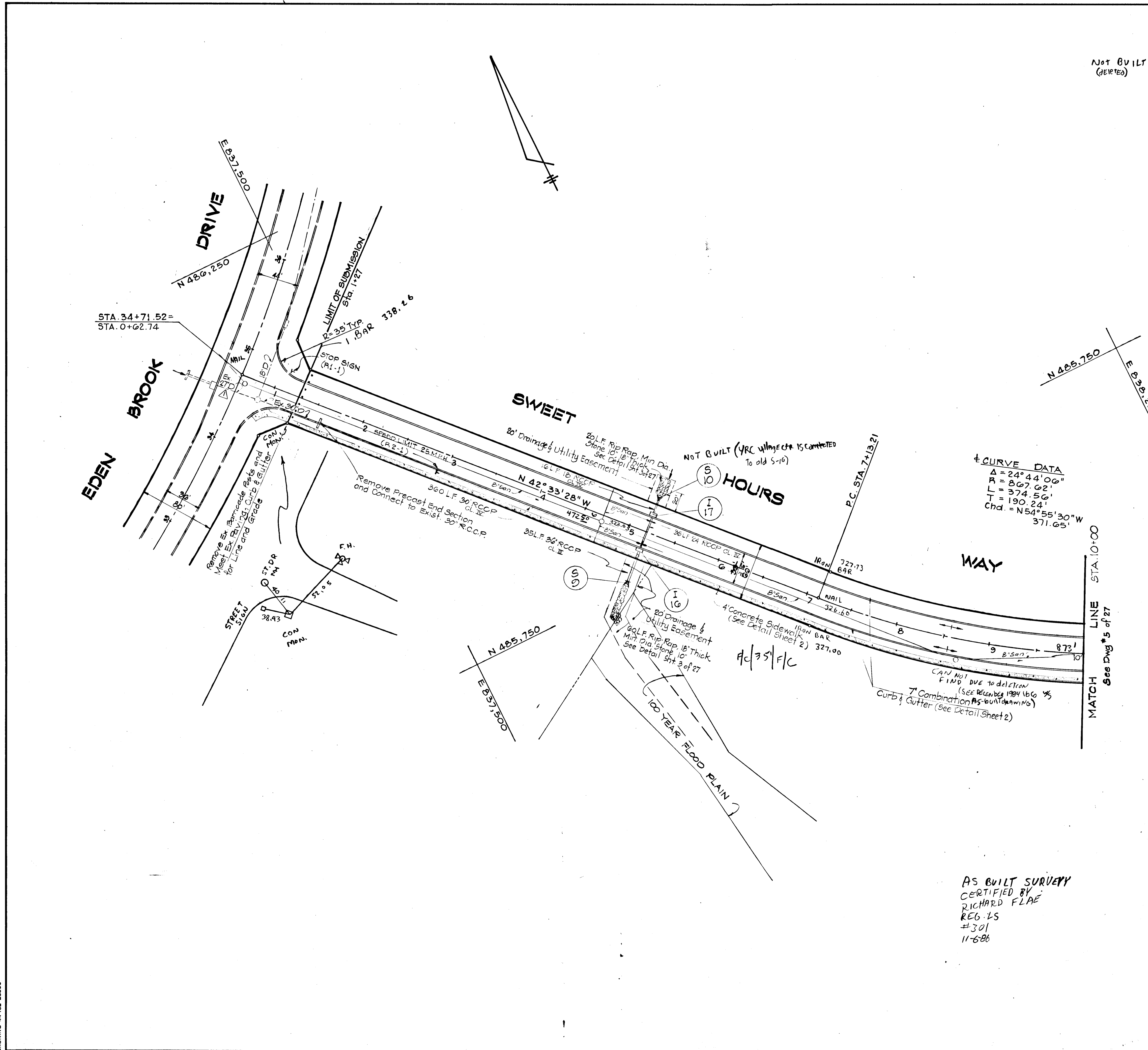
#445

**STRUCTURE SCHEDULE**

No	Type	Road	Location			Remarks	
			Sta.	Offset	Top* Inv.		
S-10	PRECAST END SECTION	SWEET HRS.WAY	5+18.12	34.5 LT.	-	320.50	MD. STATE 368.02
S-9	PRECAST END SECTION	SWEET HRS.WAY	5+18.12	55' RT.	- 1/6	313.00	MD. STATE 368.02
I-16	A-5 (2.5'W)	SWEET HRS.WAY	5+18.12	18' RT.	323.23	312.68	HOWARD CO. STD. 64-A
I-17	A-5 (2.5'W)	SWEET HRS.WAY	5+18.12	18' RT.	323.23	319.00	HOWARD CO. STD. 64-A

\* Elevations shown for inlets is P.G.L.

NOT BUILT  
(DELETED)



**CURVE DATA**  
 $\Delta = 24^\circ 44' 00''$   
 $R = 867.62'$   
 $L = 374.56'$   
 $T = 190.24'$   
 $Chd. = N54^\circ 55' 30'' W$   
 $371.65'$

WAY

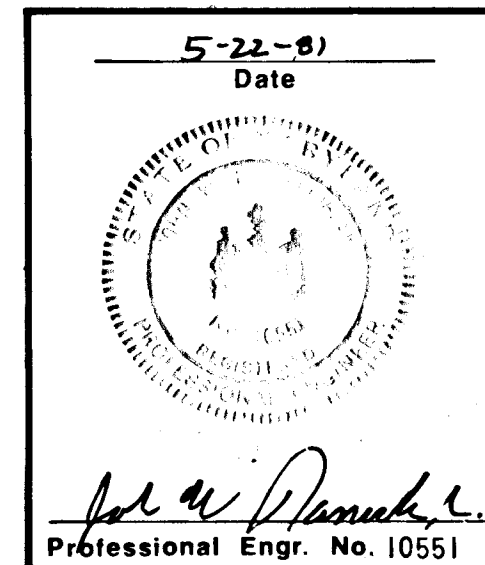
MATCH LINE STA. 10+00  
See Dwg # 5 of 27

NOT BUILT (YRC Village CTR IS COMPLETED To old S-10)  
**HOURS**

AC 35' F/C

AS BUILT SURVEY  
 CERTIFIED BY  
 RICHARD FLAE  
 REG. LS  
 #301  
 11-6-86

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		7/14/89 Date	
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		6-30-89 Date	
11/1/82	Δ	Exist. B'D Changed to Ex 27'D	
Date	No	Revision Description	
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland			
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland			
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204			
AREA TAX MAP 41 AND 42 PARCELS 14, 54 PART OF 5, 358, 17			
TITLE ROAD PLAN SWEET HOURS WAY			
Des By T.D.	Scale 1" = 50'	Proj No 0579	
Drn By J.C.	Date 3-7-80	Drawing No. 4 OF 27	
Chk By G.K.	Approved		



F-81-89

BRUNING 44-132 26586

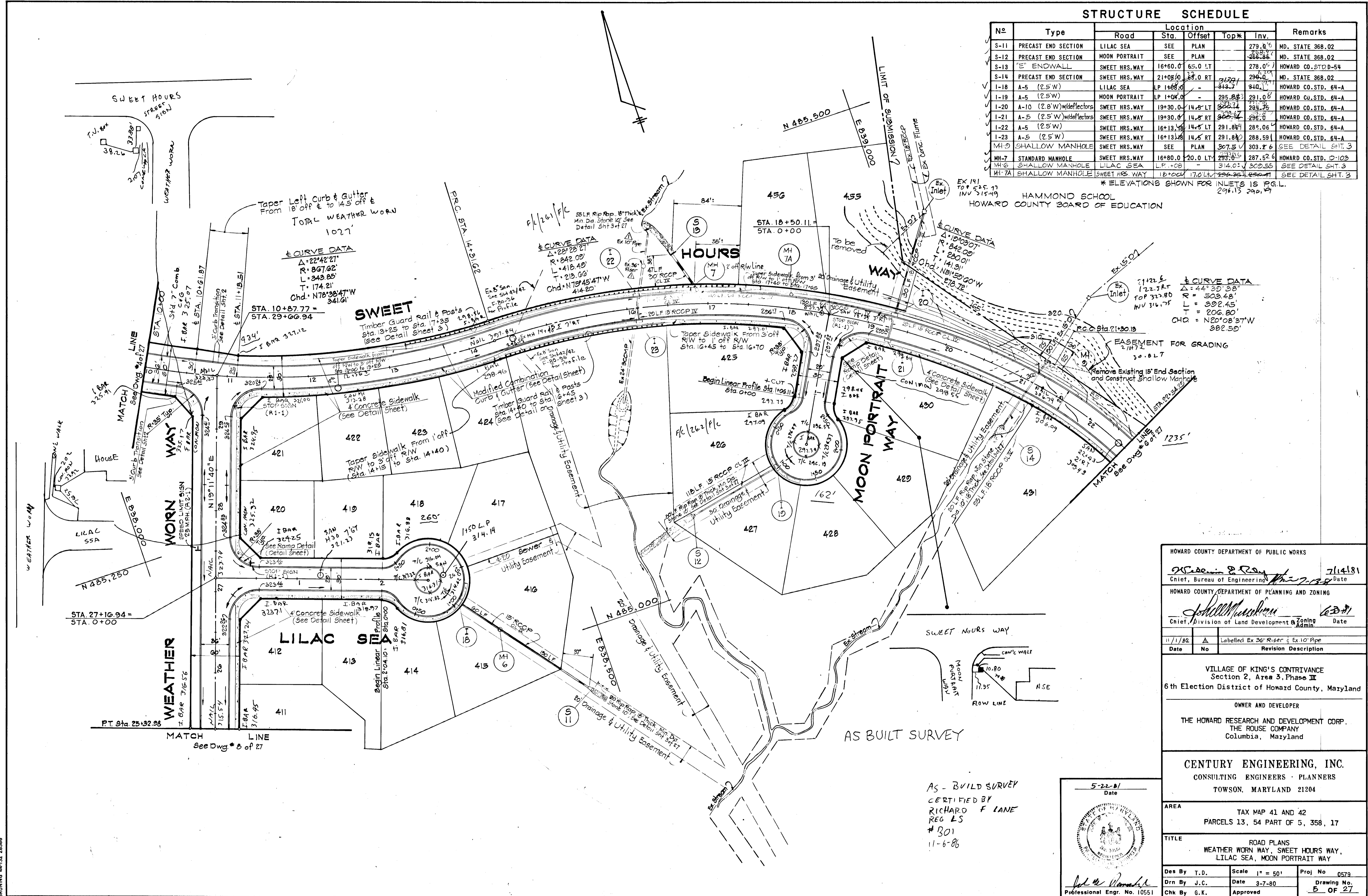
#445

**STRUCTURE SCHEDULE**

No	Type	Location				Remarks
		Road	Sta.	Offset	Top% Inv.	
S-11	PRECAST END SECTION	LILAC SEA	SEE	PLAN	279.86	MD. STATE 368.02
S-12	PRECAST END SECTION	MOON PORTRAIT	SEE	PLAN	266.86	MD. STATE 368.02
S-13	"E" ENDWALL	SWEET HRS.WAY	16+60.0	65.0 LT	278.05	HOWARD CO. STD. D-54
S-14	PRECAST END SECTION	SWEET HRS.WAY	21+05.0	85.0 RT	296.0	MD. STATE 368.02
I-18	A-5 (2.5' W)	LILAC SEA	LP 1+04.0	-	295.85	HOWARD CO. STD. 64-A
I-19	A-5 (2.5' W)	MOON PORTRAIT	LP 1+04.0	-	295.85	HOWARD CO. STD. 64-A
I-20	A-10 (2.8' W) w/deflectors	SWEET HRS.WAY	19+30.0	14.5 LT	291.0	HOWARD CO. STD. 64-A
I-21	A-5 (2.5' W) w/deflectors	SWEET HRS.WAY	19+30.0	14.5 RT	296.0	HOWARD CO. STD. 64-A
I-22	A-5 (2.5' W)	SWEET HRS.WAY	16+13.48	14.5 LT	291.84	HOWARD CO. STD. 64-A
I-23	A-5 (2.5' W)	SWEET HRS.WAY	16+13.48	14.5 RT	288.59	HOWARD CO. STD. 64-A
MH-9	SHALLOW MANHOLE	SWEET HRS.WAY	SEE	PLAN	307.5	SEE DETAIL SHT. 3
MH-7	STANDARD MANHOLE	SWEET HRS.WAY	16+80.0	20.0 LT	283.0	HOWARD CO. STD. D-103
MH-6	SHALLOW MANHOLE	LILAC SEA	LP 1+08	-	314.0	SEE DETAIL SHT. 3
MH-7A	SHALLOW MANHOLE	SWEET HRS.WAY	12+00	17.0 LT	296.1	SEE DETAIL SHT. 3

\* ELEVATIONS SHOWN FOR INLETS IS P.G.L.  
296.13 296.19

HAMMOND SCHOOL  
HOWARD COUNTY BOARD OF EDUCATION



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Richard E. Ray, Chief, Bureau of Engineering, 7/14/81

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
John W. Morrison, Chief, Division of Land Development & Zoning Admin, 6/29/81

Date	No	Revision Description
11/1/82	A	Labelled Ex 30" Riser & Ex 10" Pipe

VILLAGE OF KING'S CONTRIVANCE  
Section 2, Area 3, Phase III  
6th Election District of Howard County, Maryland

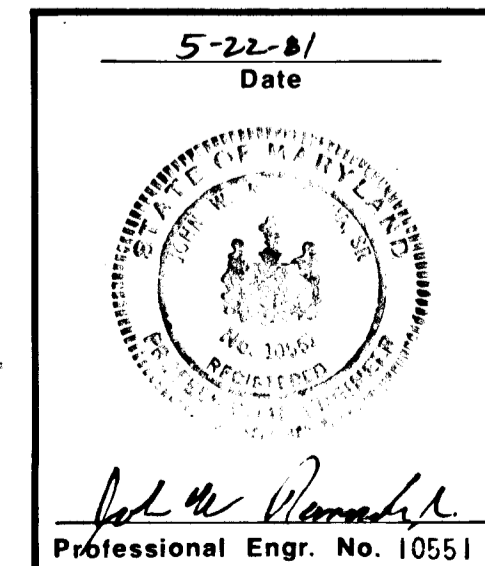
OWNER AND DEVELOPER  
THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
THE ROUSE COMPANY  
Columbia, Maryland

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA  
TAX MAP 41 AND 42  
PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
ROAD PLANS  
WEATHER WORN WAY, SWEET HOURS WAY,  
LILAC SEA, MOON PORTRAIT WAY

Des By T.D.	Scale 1" = 50'	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No 5 OF 27
Chk By G.K.	Approved	



AS-BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. E.S.  
#801  
11-6-88

5-5-88 AS-BUILT

F-81-89

445

BRUNING 44-132 28586

N 485.250  
E 839.250

**CURVE DATA**  
 $\Delta = 44^{\circ}30'38''$   
 $R = 503.46'$   
 $L = 302.45'$   
 $T = 209.80'$   
 $Chd = N 20^{\circ}08'37''W$   
 $382.96'$

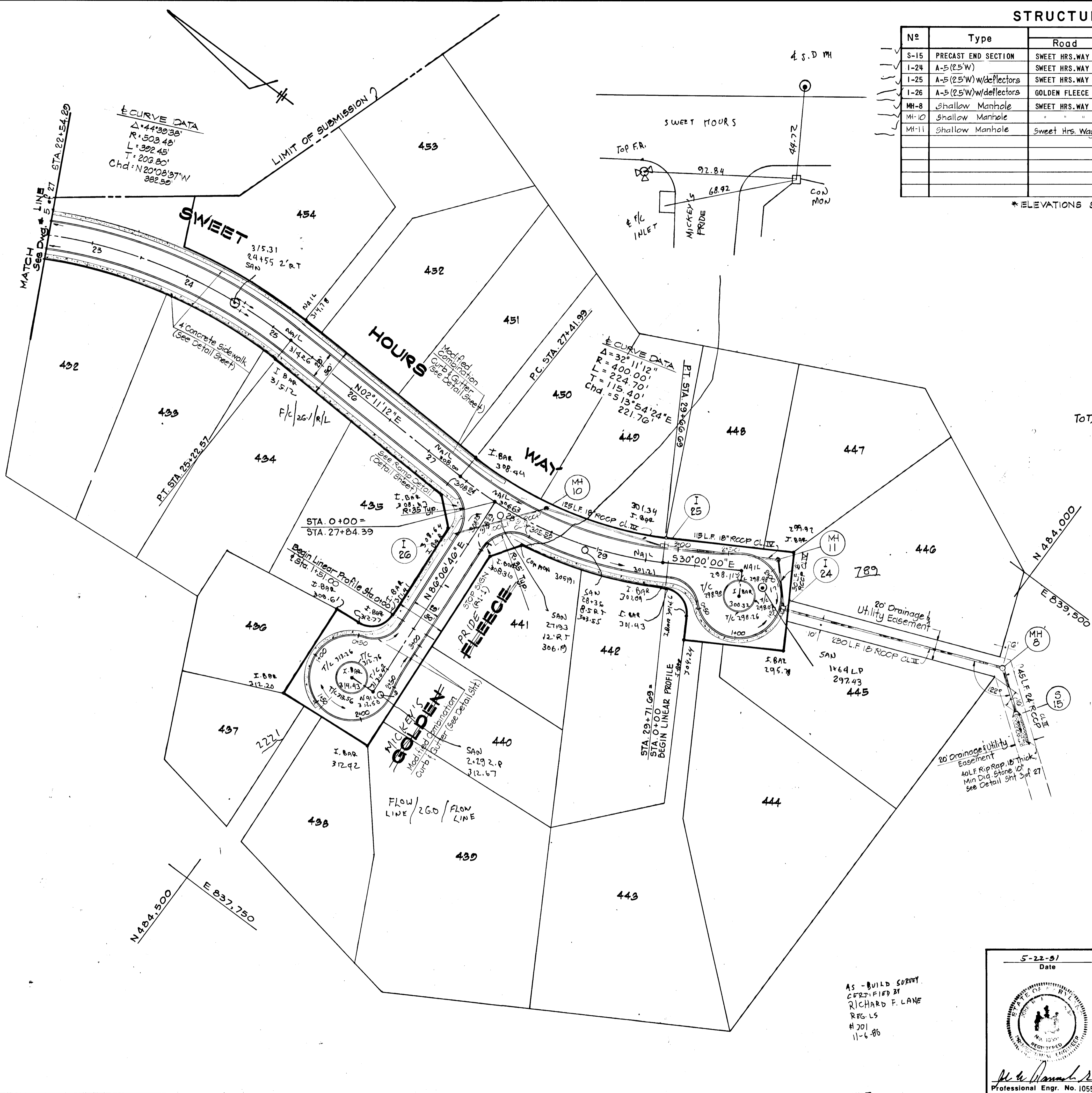
**CURVE DATA**  
 $\Delta = 32^{\circ}11'12''$   
 $R = 400.00'$   
 $L = 224.70'$   
 $T = 115.40'$   
 $Chd = S 13^{\circ}54'24''E$   
 $221.76'$

**STRUCTURE SCHEDULE**

No	Type	Location				Remarks
		Road	Sta.	Offset	Top x Inv.	
S-15	PRECAST END SECTION	SWEET HRS.WAY	SEE PLAN	6.47	271.28	MD. STATE 368.02
I-24	A-5 (2.5'W)	SWEET HRS.WAY	LP+62.50	14.6 LR	297.26	292.00 <sup>1</sup> HOWARD CO. STD. 64-A
I-25	A-5 (2.5'W) w/deflectors	SWEET HRS.WAY	29+67.70	14.5 LT	301.43	297.66 <sup>1</sup> HOWARD CO. STD. 64-A
I-26	A-5 (2.5'W) w/deflectors	GOLDEN FLEECE	0+54.5	14.5 RT	308.43	304.50 <sup>1</sup> HOWARD CO. STD. 64-A
MH-8	Shallow Manhole	SWEET HRS.WAY	SEE PLAN		276.03	271.90 <sup>1</sup> See Detail Sht #3
MH-10	Shallow Manhole	"	28+35	11' RT	205.65	201.75 <sup>1</sup> " "
MH-11	Shallow Manhole	Sweet Hrs. Way	LP+65	11' RT	298.4	294.00 <sup>1</sup> See Detail Sheet 3
					293.80	

\*ELEVATIONS SHOWN FOR INLETS IS P.G.L.

TOTAL SWEET HRS 289'



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*William E. Ryan* 7/14/81  
 Chief, Bureau of Engineering Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Sharon M. ...* 6/30/81  
 Chief, Division of Land Development and Zoning Administration Date

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
 Section 2, Area 3, Phase III  
 6th Election District of Howard County, Maryland

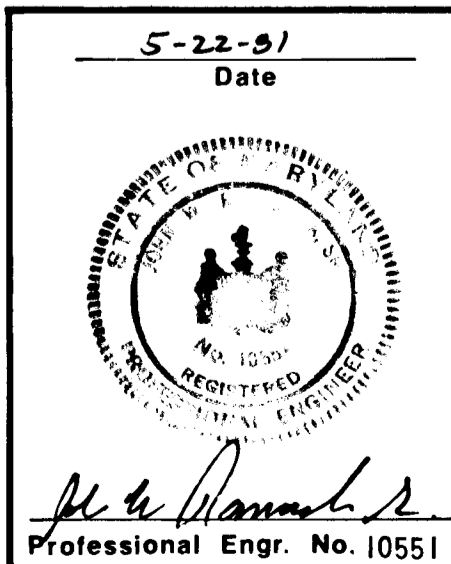
OWNER AND DEVELOPER  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE ROUSE COMPANY  
 Columbia, Maryland

CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21204

AREA  
 TAX MAP 41 AND 42  
 PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
 ROAD PLANS  
 SWEET HOURS WAY, GOLDEN FLEECE

Des By T.D. Scale 1" = 50' Proj No 0579  
 Drn By J.C. Date 3-7-80 Drawing No. 2 OF 27  
 Chk By G.K. Approved



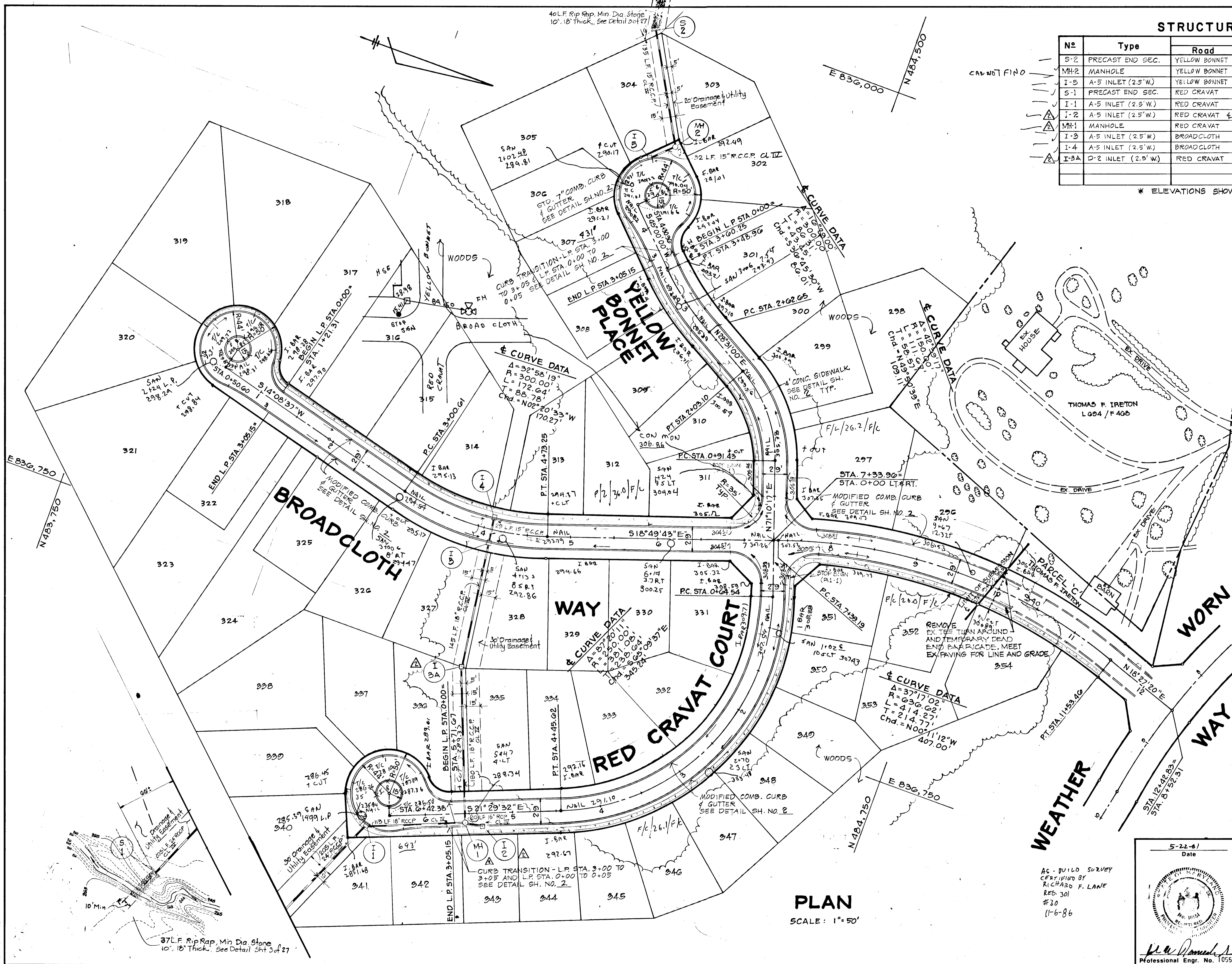
AS-BUILD SURVEY  
 CERTIFIED BY  
 RICHARD F. LANE  
 REG. LS  
 #201  
 11-6-86

#445

**STRUCTURE SCHEDULE**

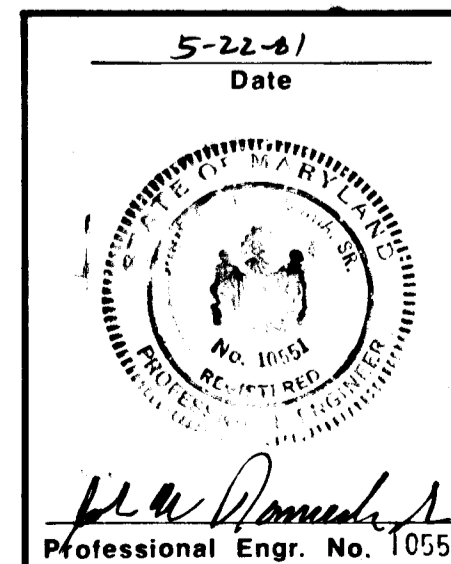
No	Type	Road	Location		Top	Inv.	Remarks
			Sta.	Offset			
S-2	PRECAST END SEC.	YELLOW BONNET	1+45 L.P.	147'	-	284.32	MD. STD. # 368.02
MH-2	MANHOLE	YELLOW BONNET	1+25 L.P.	16'	290.40	285.11	HO. CO. STD. D-103
I-5	A-5 INLET (2.5' W)	YELLOW BONNET	1+55 L.P.	155 L.O.	289.73	285.50	HO. CO. STD. G-4A
S-1	PRECAST END SEC.	RED CRAVAT	2+05 L.P.	205'	-	265.40	MD. STD. # 368.02
I-1	A-5 INLET (2.5' W)	RED CRAVAT	2+05 L.P.	205'	285.88	281.24	HO. CO. STD. G-4A
I-2	A-5 INLET (2.5' W)	RED CRAVAT	5+35 L.P.	15' L	285.70	281.24	HO. CO. STD. G-4A
MH-1	MANHOLE	RED CRAVAT	5+55 L.P.	145' L	285.52	281.24	HO. CO. STD. D-103
I-3	A-5 INLET (2.5' W)	BROADCLOTH	4+02 L.P.	14.5' R	293.20	288.55	HO. CO. STD. G-4A
I-4	A-5 INLET (2.5' W)	BROADCLOTH	4+02 L.P.	14.5' R	293.20	288.55	HO. CO. STD. G-4A
I-3A	D-2 INLET (2.5' W)	RED CRAVAT	5+55 L.P.	170.5' R	284.03	282.00	HO. CO. STD. 4.11

\* ELEVATIONS SHOWN FOR INLETS IS P.G.I.



AS BUILT SURVEY

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Bureau of Engineering *Richard F. Lane* 7/11/81 Date  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development and Zoning Administration *Richard F. Lane* 6/30/81 Date  
 5/23/84 Added MH 1, I-3A & Moved I-2  
 Date No Revision Description  
 VILLAGE OF KING'S CONTRIVANCE  
 Section 2, Area 3, Phase III  
 6th Election District of Howard County, Maryland  
 OWNER AND DEVELOPER  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE ROUSE COMPANY  
 Columbia, Maryland  
 CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21204  
 AREA TAX MAP 41 AND 42  
 PARCELS 13, 54 PART OF 5, 358, 17  
 TITLE ROAD PLANS  
 YELLOW BONNET PLACE, RED CRAVAT COURT,  
 BROADCLOTH WAY  
 Des By T.D. Scale 1" = 50' Proj No 0579  
 Drn By J.C. Date 3-7-80 Drawing No.  
 Chk By G.K. Approved 7 OF 27

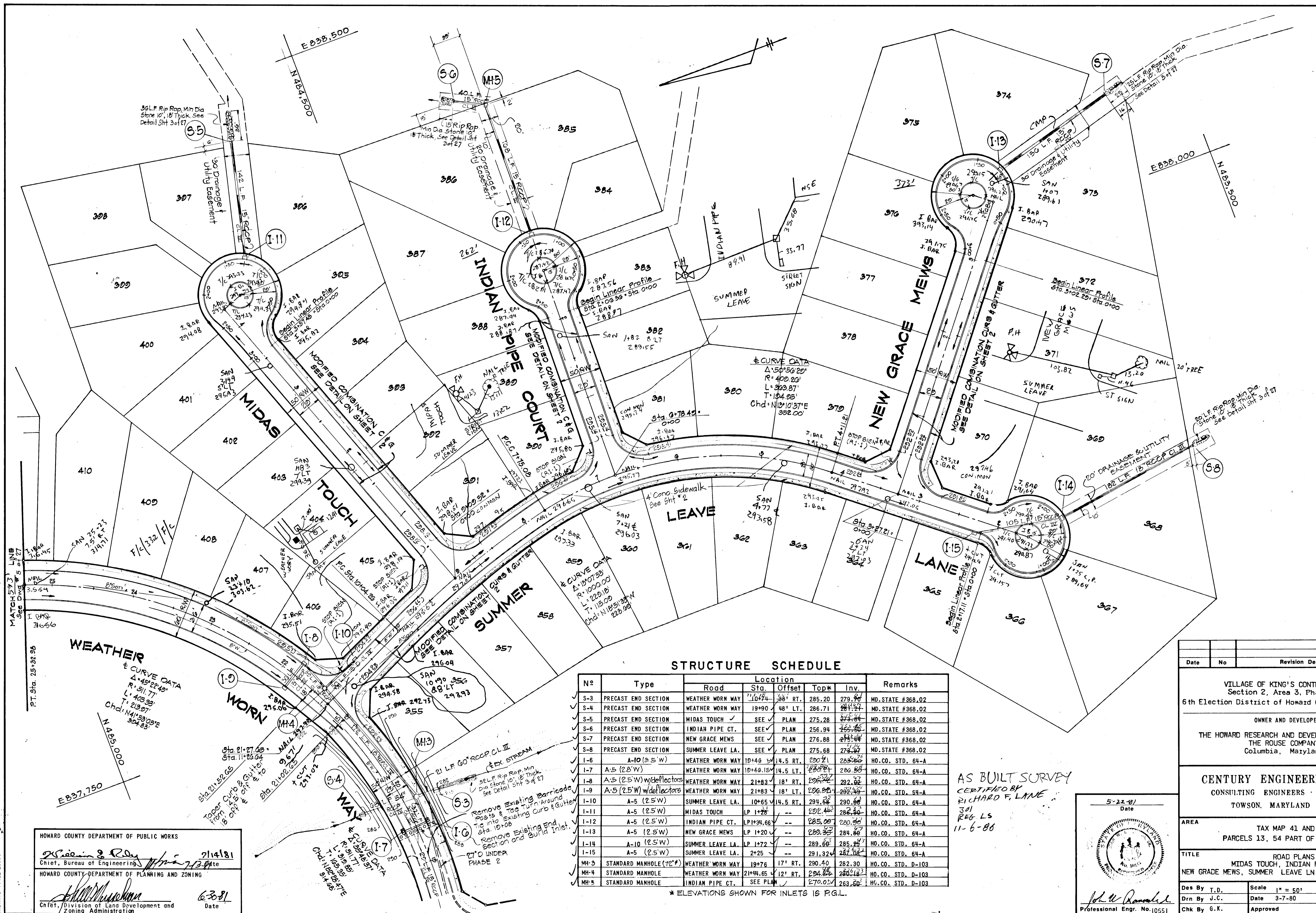


AS-BUILT SURVEY  
 CERTIFIED BY  
 RICHARD F. LANE  
 REG. 301  
 #20  
 11-6-86

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

445

BRUNING 44-132 26586

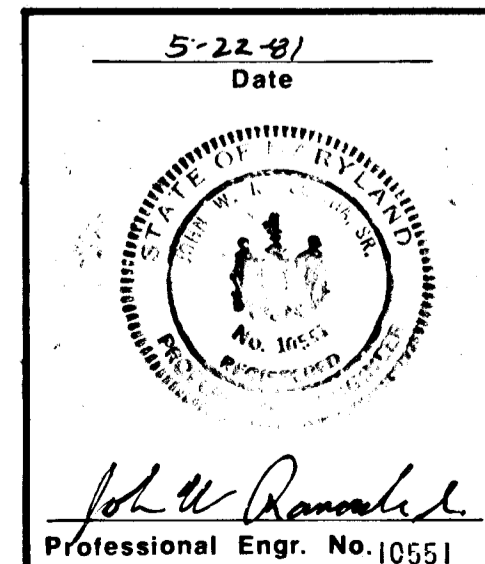


**STRUCTURE SCHEDULE**

No	Type	Location			Remarks		
		Road	Sta.	Offset			
✓ S-3	PRECAST END SECTION	WEATHER WORN WAY	11+04.74	38' RT.	285.20	279.90	MD. STATE #368.02
✓ S-4	PRECAST END SECTION	WEATHER WORN WAY	19+90.0	48' LT.	286.71	281.24	MD. STATE #368.02
✓ S-5	PRECAST END SECTION	MIDAS TOUCH	SEE PLAN		275.28	273.84	MD. STATE #368.02
✓ S-6	PRECAST END SECTION	INDIAN PIPE CT.	SEE PLAN		256.94	255.50	MD. STATE #368.02
✓ S-7	PRECAST END SECTION	NEW GRACE MEWS	SEE PLAN		276.88	275.44	MD. STATE #368.02
✓ S-8	PRECAST END SECTION	SUMMER LEAVE LA.	SEE PLAN		275.68	274.24	MD. STATE #368.02
✓ I-6	A-10 (2.5' W)	WEATHER WORN WAY	19+40.5	14.5 RT.	280.21	283.66	HO. CO. STD. 64-A
✓ I-7	A-5 (2.5' W)	WEATHER WORN WAY	19+40.15	14.5 LT.	280.87	286.58	HO. CO. STD. 64-A
✓ I-8	A-5 (2.5' W) w/deflectors	WEATHER WORN WAY	21+83.3	18' RT.	287.22	282.82	HO. CO. STD. 64-A
✓ I-9	A-5 (2.5' W) w/deflectors	WEATHER WORN WAY	21+83.3	18' LT.	286.80	282.40	HO. CO. STD. 64-A
✓ I-10	A-5 (2.5' W)	SUMMER LEAVE LA.	10+65.5	14.5 RT.	294.55	290.90	HO. CO. STD. 64-A
✓ I-11	A-5 (2.5' W)	MIDAS TOUCH	LP 1+26	--	282.40	283.80	HO. CO. STD. 64-A
✓ I-12	A-5 (2.5' W)	INDIAN PIPE CT.	LP 1+34.66	--	285.00	280.50	HO. CO. STD. 64-A
✓ I-13	A-5 (2.5' W)	NEW GRACE MEWS	LP 1+20	--	289.33	284.83	HO. CO. STD. 64-A
✓ I-14	A-10 (2.5' W)	SUMMER LEAVE LA.	LP 1+72	--	289.60	285.10	HO. CO. STD. 64-A
✓ I-15	A-5 (2.5' W)	SUMMER LEAVE LA.	+2+25	--	291.324	287.824	HO. CO. STD. 64-A
✓ MH-3	STANDARD MANHOLE (72")	WEATHER WORN WAY	19+76	17' RT.	290.40	282.30	HO. CO. STD. D-103
✓ MH-4	STANDARD MANHOLE	WEATHER WORN WAY	21+44.65	12' RT.	294.86	286.76	HO. CO. STD. D-103
✓ MH-5	STANDARD MANHOLE	INDIAN PIPE CT.	SEE PLAN		279.02	263.50	HO. CO. STD. D-103

\* ELEVATIONS SHOWN FOR INLETS IS P.G.L.

AS BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
301 REG LS  
11-6-88



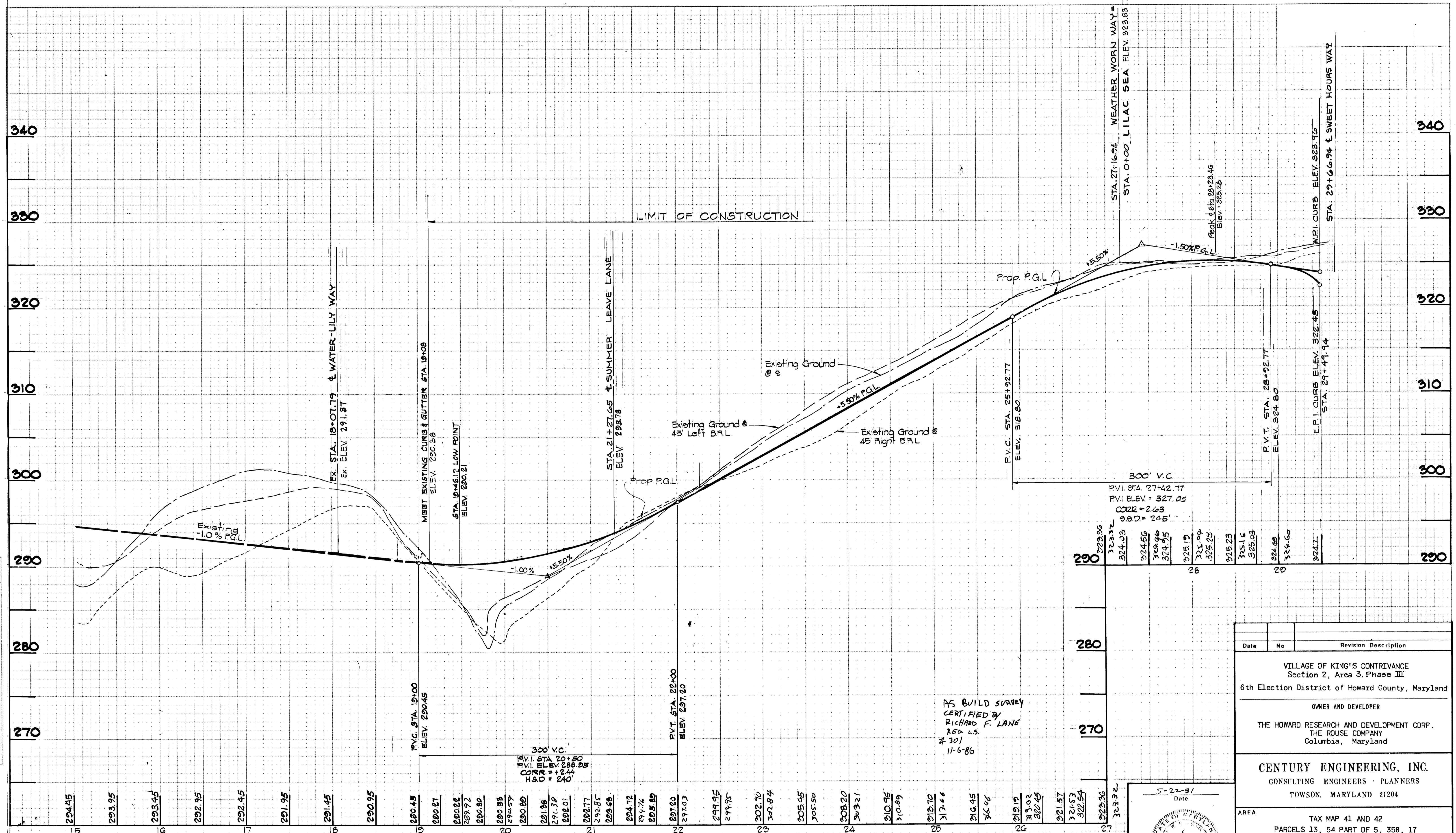
Date	No	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA	TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17	
TITLE	ROAD PLANS MIDAS TOUCH, INDIAN PIPE COURT NEW GRACE MEWS, SUMMER LEAVE LN., WEATHER WORN WAY	
Des By T.D.	Scale 1" = 50'	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No. 8 OF 27
Chk By G.K.	Approved	

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*William S. Roy* 2/14/81  
 Chief, Bureau of Engineering  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*William S. Roy* 6/30/81  
 Chief, Division of Land Development and Zoning Administration



DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
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REVISIONS	
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REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

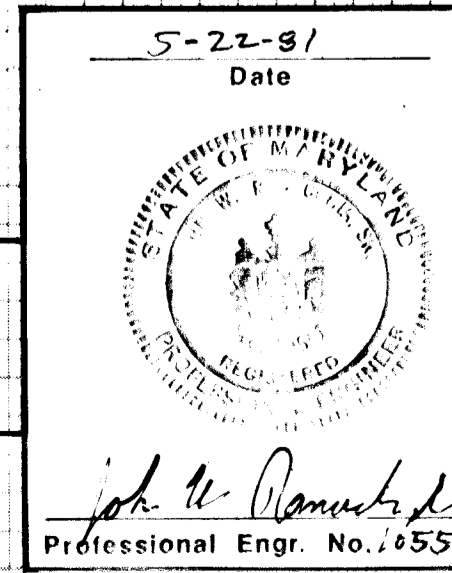


**WEATHER WORN WAY  
PROFILE**

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

AS BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. L.S.  
#301  
11-6-86

DEPARTMENT OF PUBLIC WORKS  
CHIEF, BUREAU OF ENGINEERING  
DATE: 7/14/81  
DEPARTMENT OF PLANNING AND ZONING  
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. DATE: 6/28/81

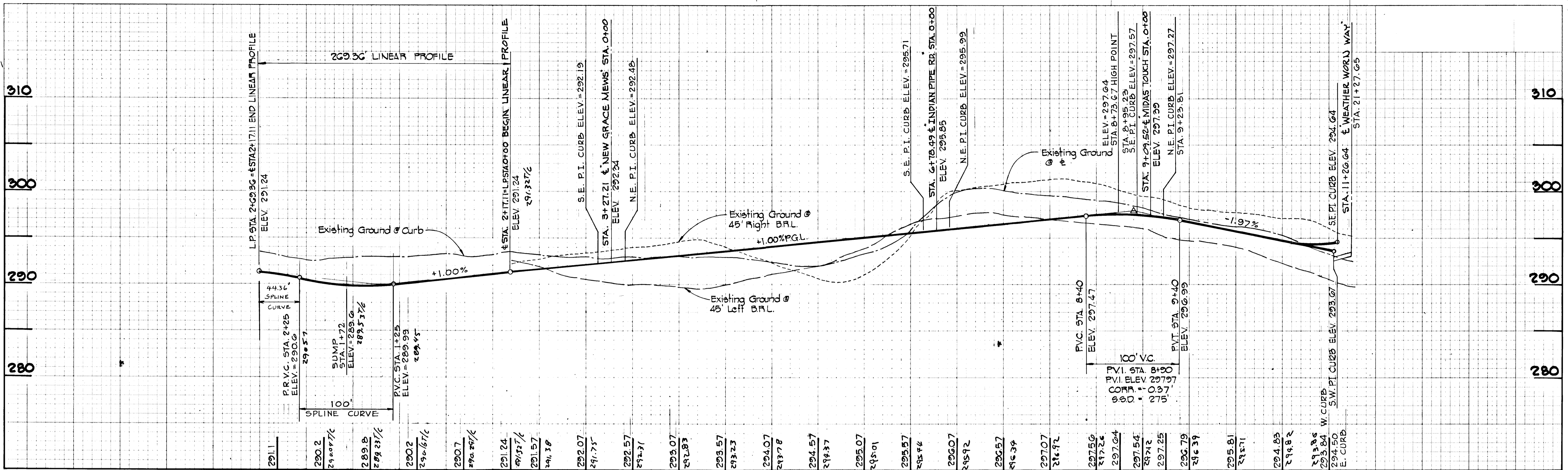


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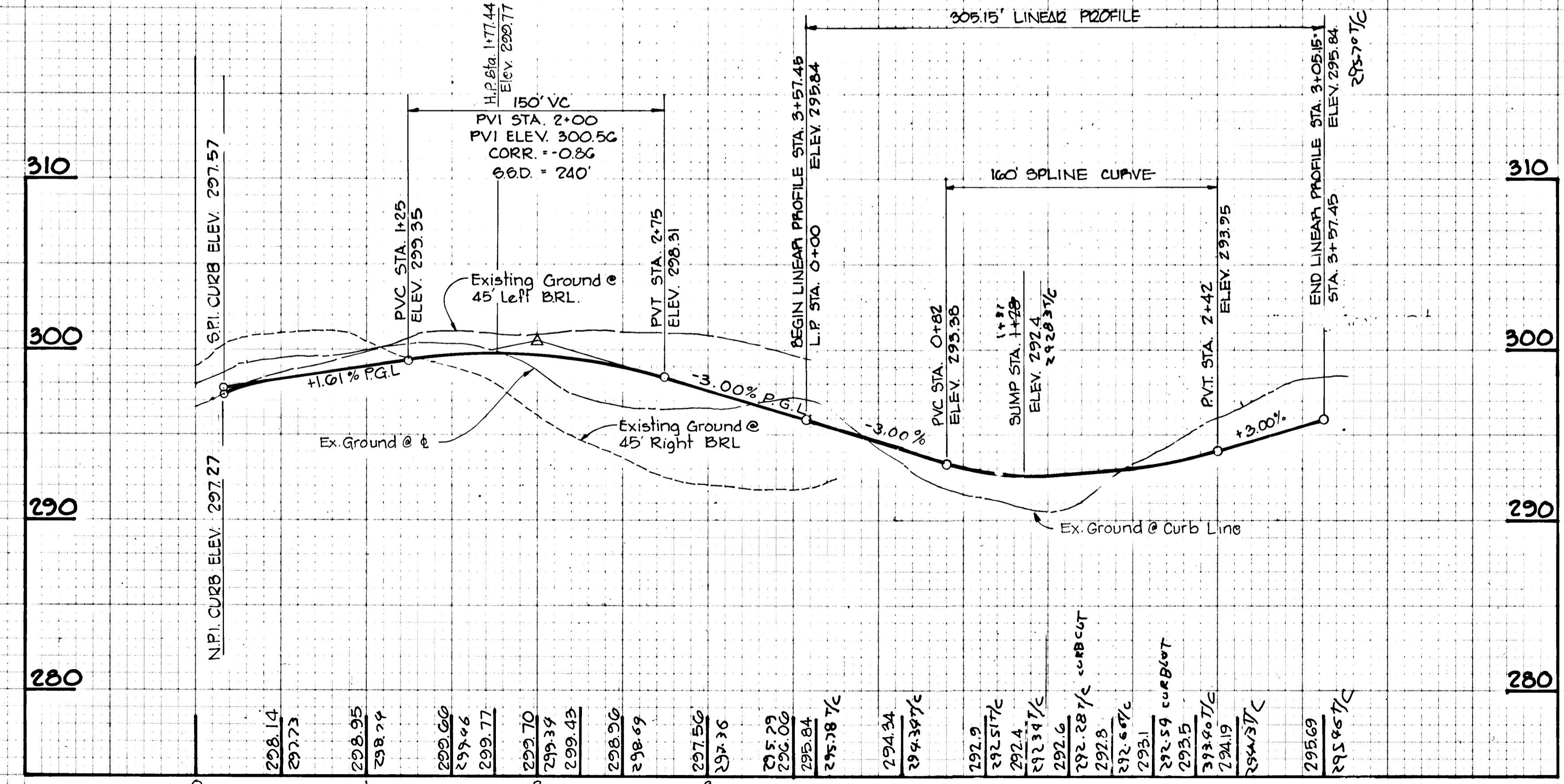
Date	No.	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17		
TITLE ROAD PROFILE WEATHER WORN WAY STA. 19+08 to SWEET HOURS WAY		
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By T.D.	Date	Drawing No. 9 OF 27
Chk By G.R.K.	Approved	

FINAL SURVEY	BY	DATE
REVISIONS		
NOTED		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
NOTED		
AREAS CHECKED		
NO.		



**SUMMER LEAVE LANE**

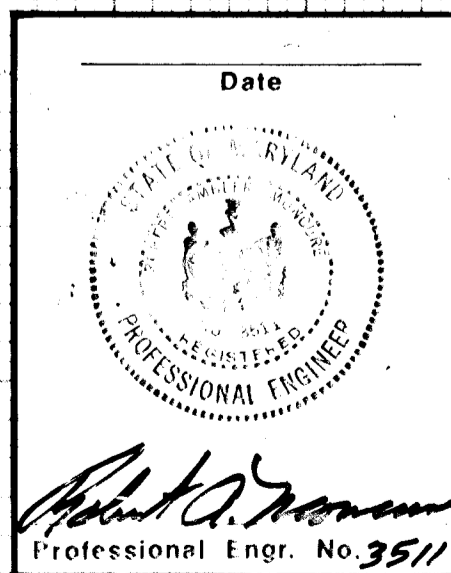


**MIDAS TOUCH**

**PROFILES**

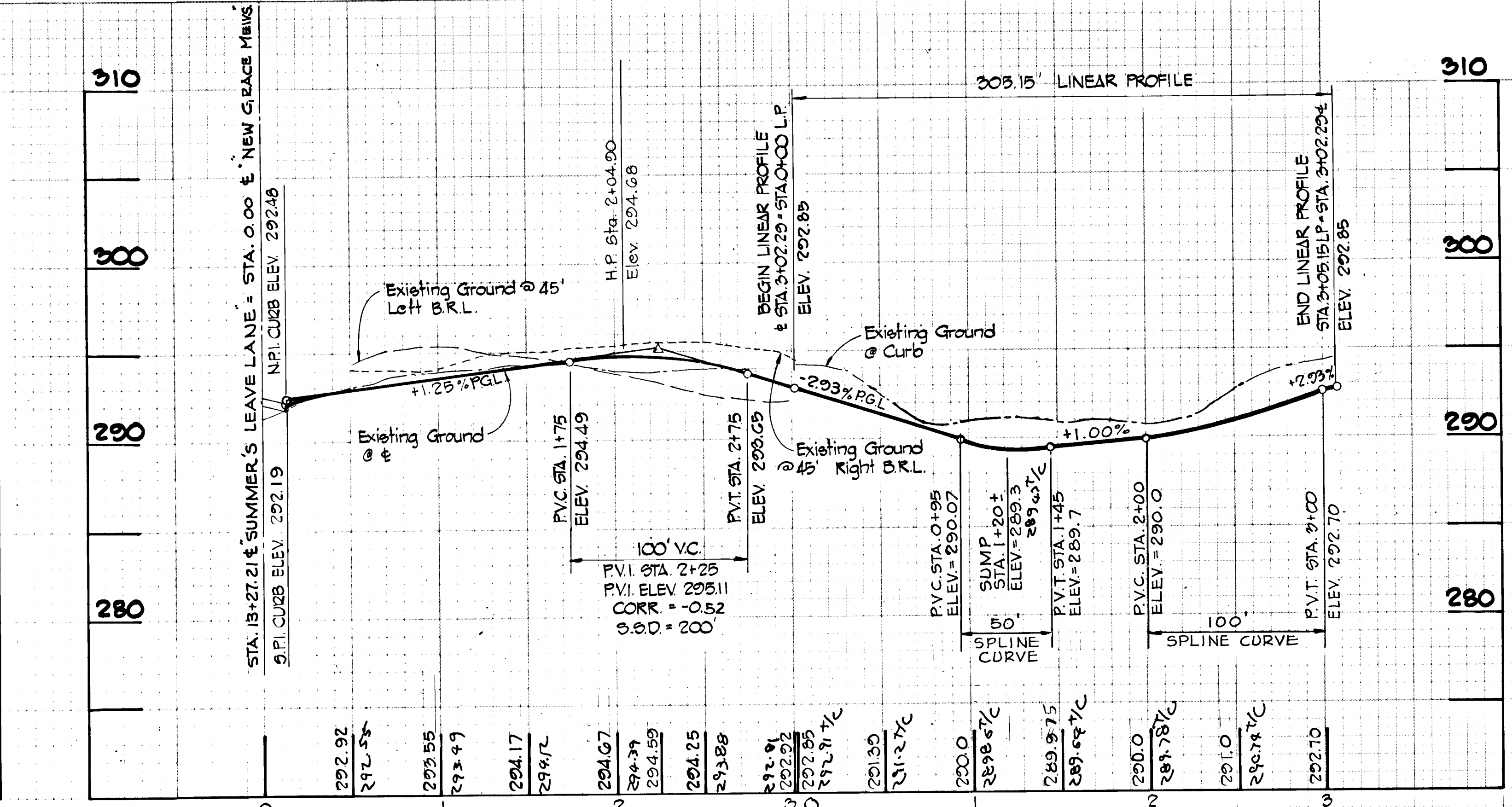
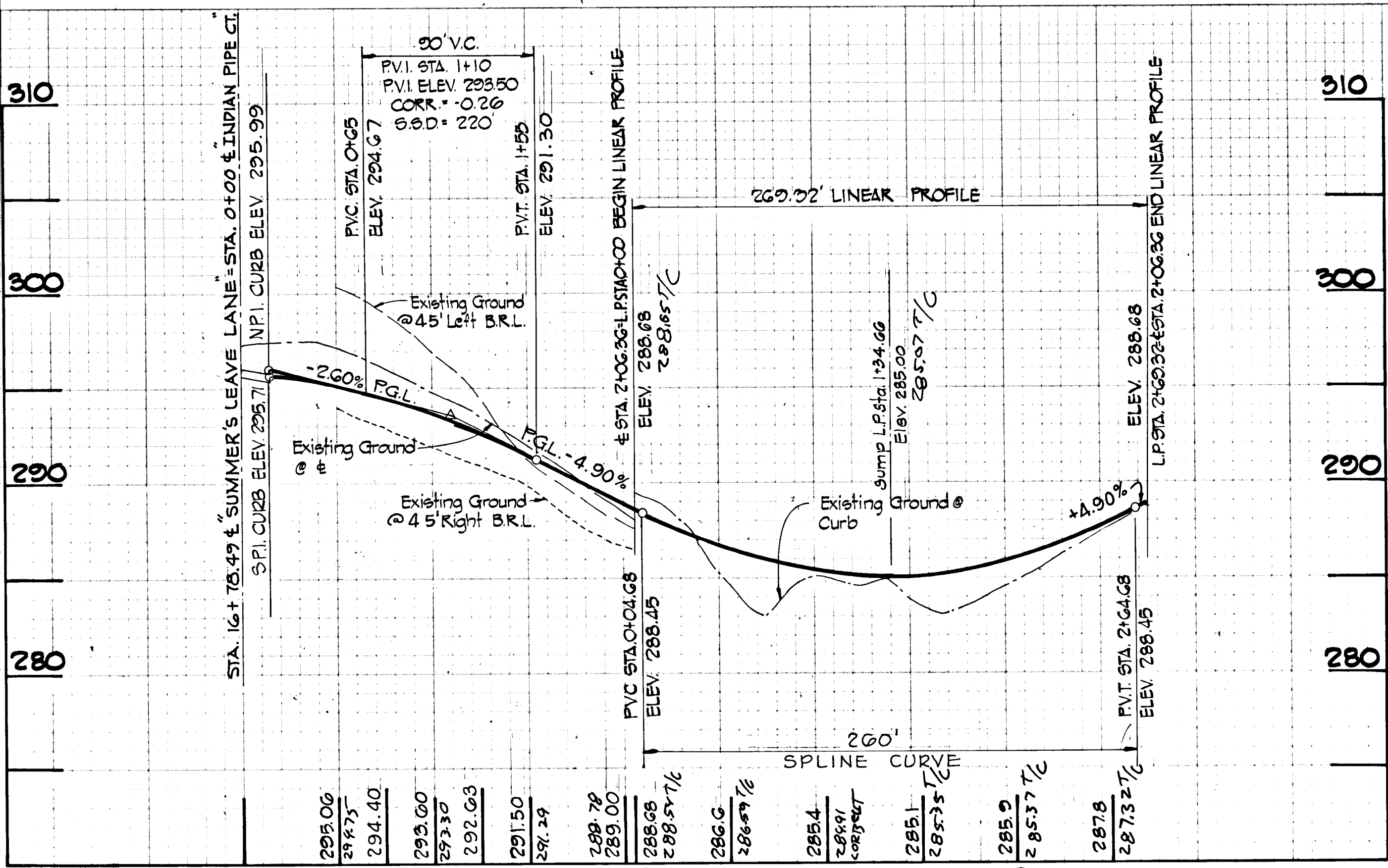
SCALE: HOR. 1" = 50'  
VERT. 1" = 5'

AS-BUILT SURVEY  
CERTIFIED BY  
RICHARD E. LANE  
REG. 65  
301  
11-6-86



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
<i>Richard E. Lane</i>	7/14/86	Date
Chief, Bureau of Engineering		
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		
<i>Richard E. Lane</i>	6-2-86	Date
Chief, Division of Land Development and Zoning Administration		
Date	No.	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA	TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17	
TITLE	ROAD PROFILES SUMMER LEAVE LANE, MIDAS TOUCH	
Des By	T.D.	Scale AS SHOWN
Drn By	J.C.	Date 3-7-80
Chk By	G.K.	Approved
Proj No	0579	Drawing No.
		10 OF 27

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 IN CHARGE: \_\_\_\_\_

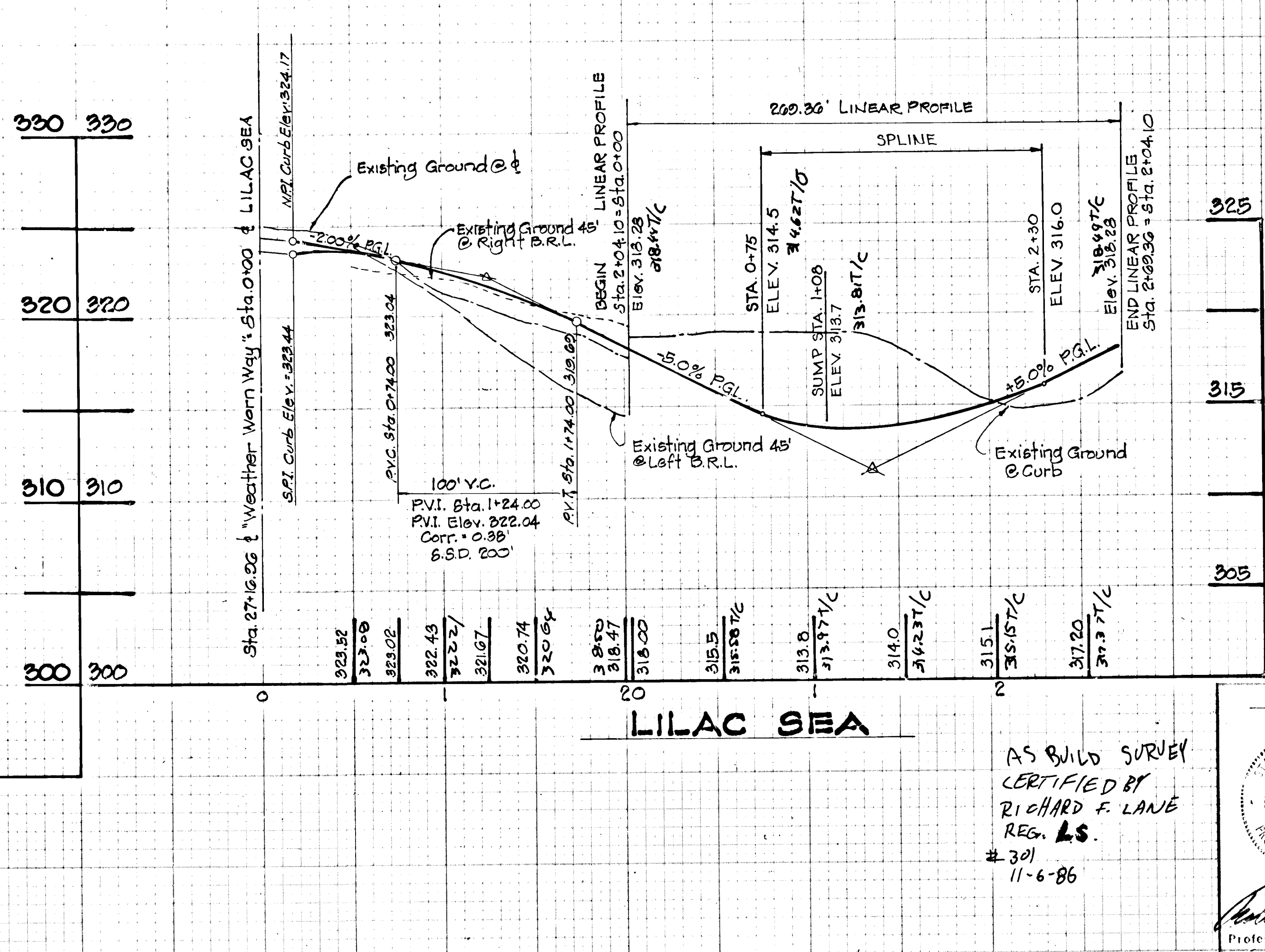
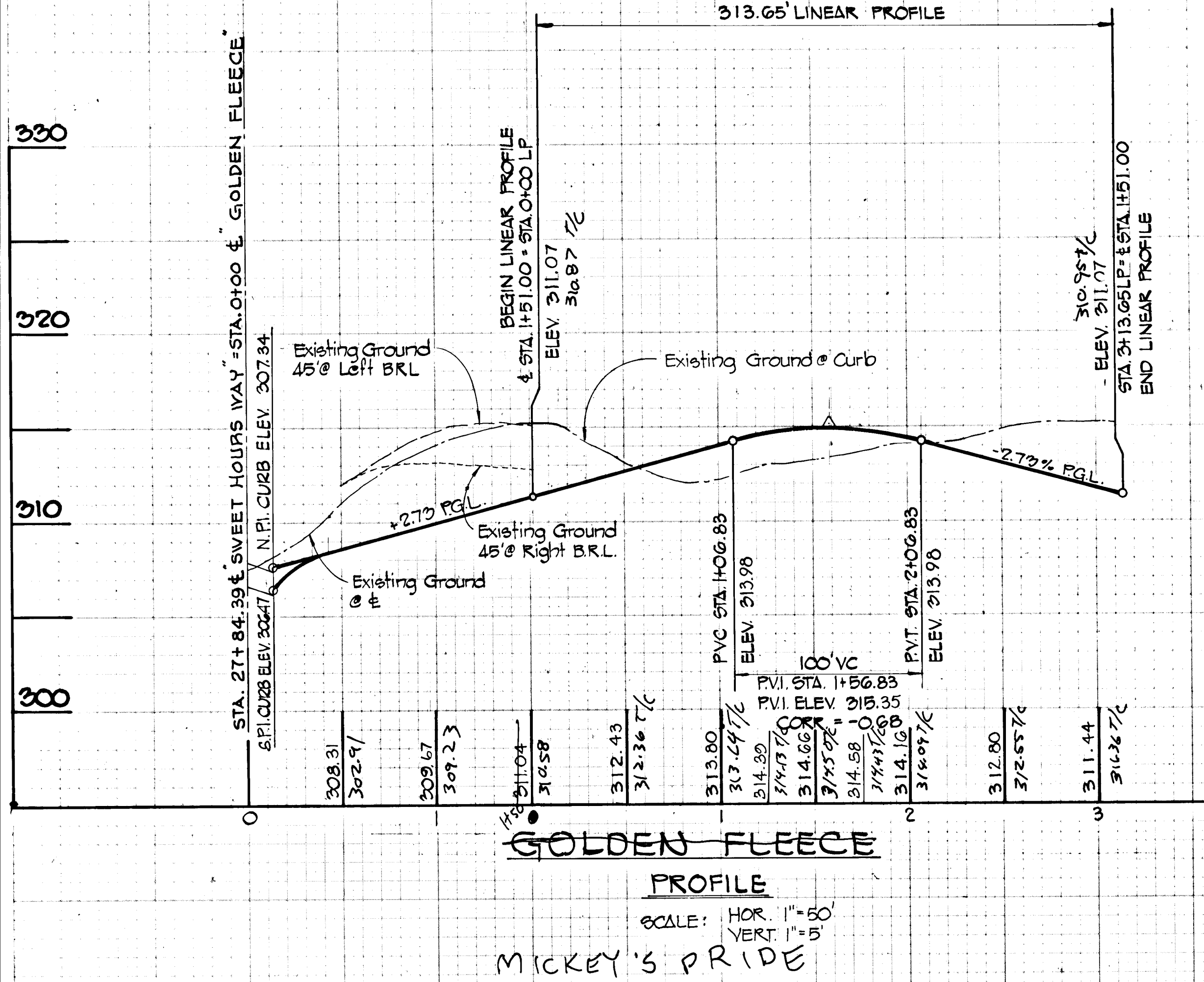


PROFILES  
 SCALE: HOR. 1"=50'  
 VERT. 1"=5'

INDIAN PIPE COURT

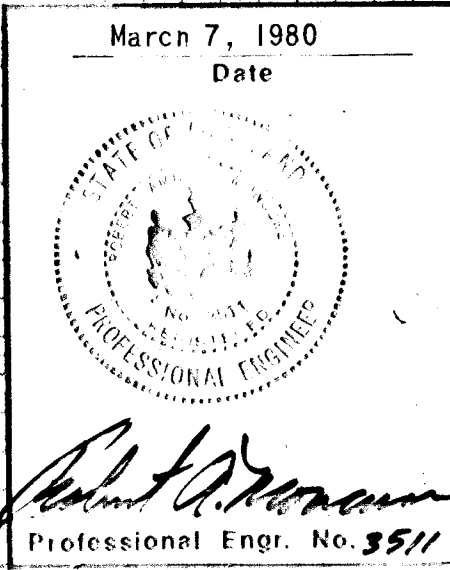
NEW GRACE MEWS

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 IN CHARGE: \_\_\_\_\_



GOLDEN FLEECE  
 PROFILE  
 SCALE: HOR. 1"=50'  
 VERT. 1"=5'  
 MICKEY'S PRIDE

AS BUILT SURVEY  
 CERTIFIED BY  
 RICHARD F. LANE  
 REG. P.E.  
 #301  
 11-6-86



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief Bureau of Engineering  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development and Zoning Administration

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
 Section 2, Area 3, Phase II  
 6th Election District of Howard County, Maryland

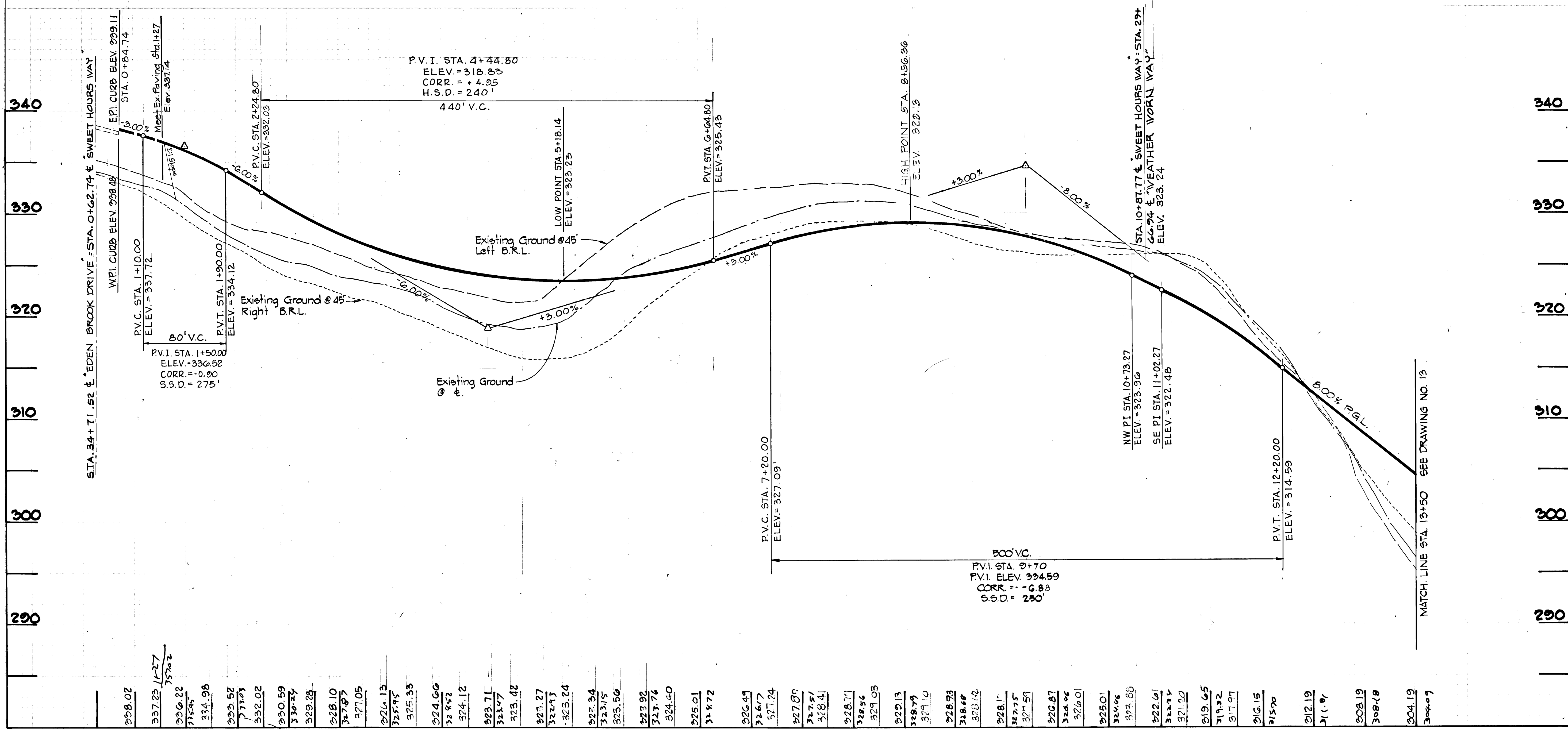
OWNER AND DEVELOPER  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE ROUSE COMPANY  
 Columbia, Maryland

CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21204

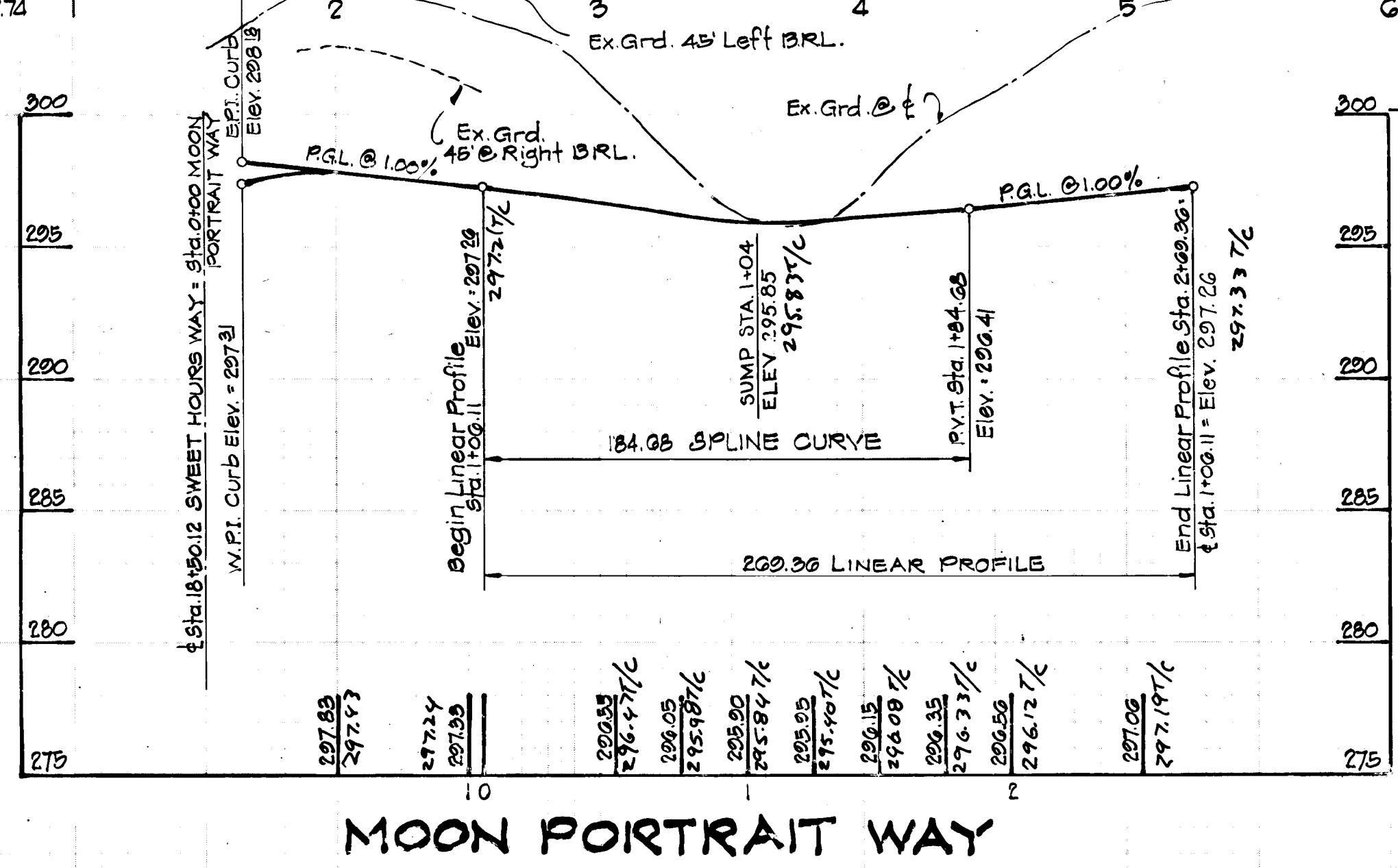
AREA: TAX MAP 41 AND 42  
 PARCELS 13, 54 PART OF 5, 358, 17

TITLE: ROAD PROFILES  
 INDIAN PIPE COURT, NEW GRACE MEWS,  
 GOLDEN FLEECE, LILAC SEA

Des By T.D.	Scale AS SHOWN	Proj No 0579
Drawn By F.D.	Date 3-7-80	Drawing No.
Chk By G.R.K.	Approved	11 OF 27



MATCH LINE STA. 13+50 SEE DRAWING NO. 13



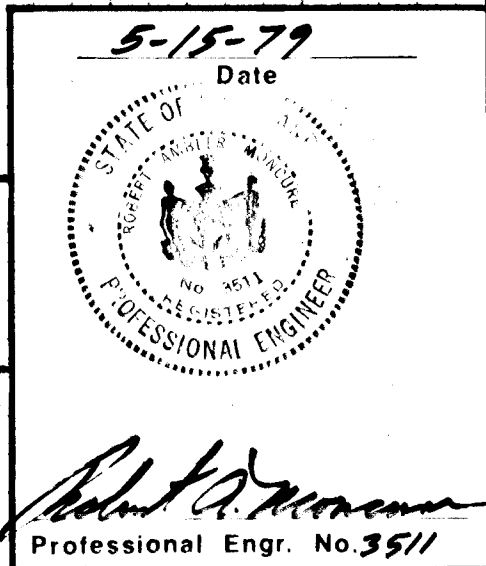
**SWEET HOURS WAY**

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

AS BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. L.S.  
#301  
1-5-86

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 7/14/81  
Chief, Bureau of Engineering Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*[Signature]* 6/30/81  
Chief, Division of Land Development & Zoning Date

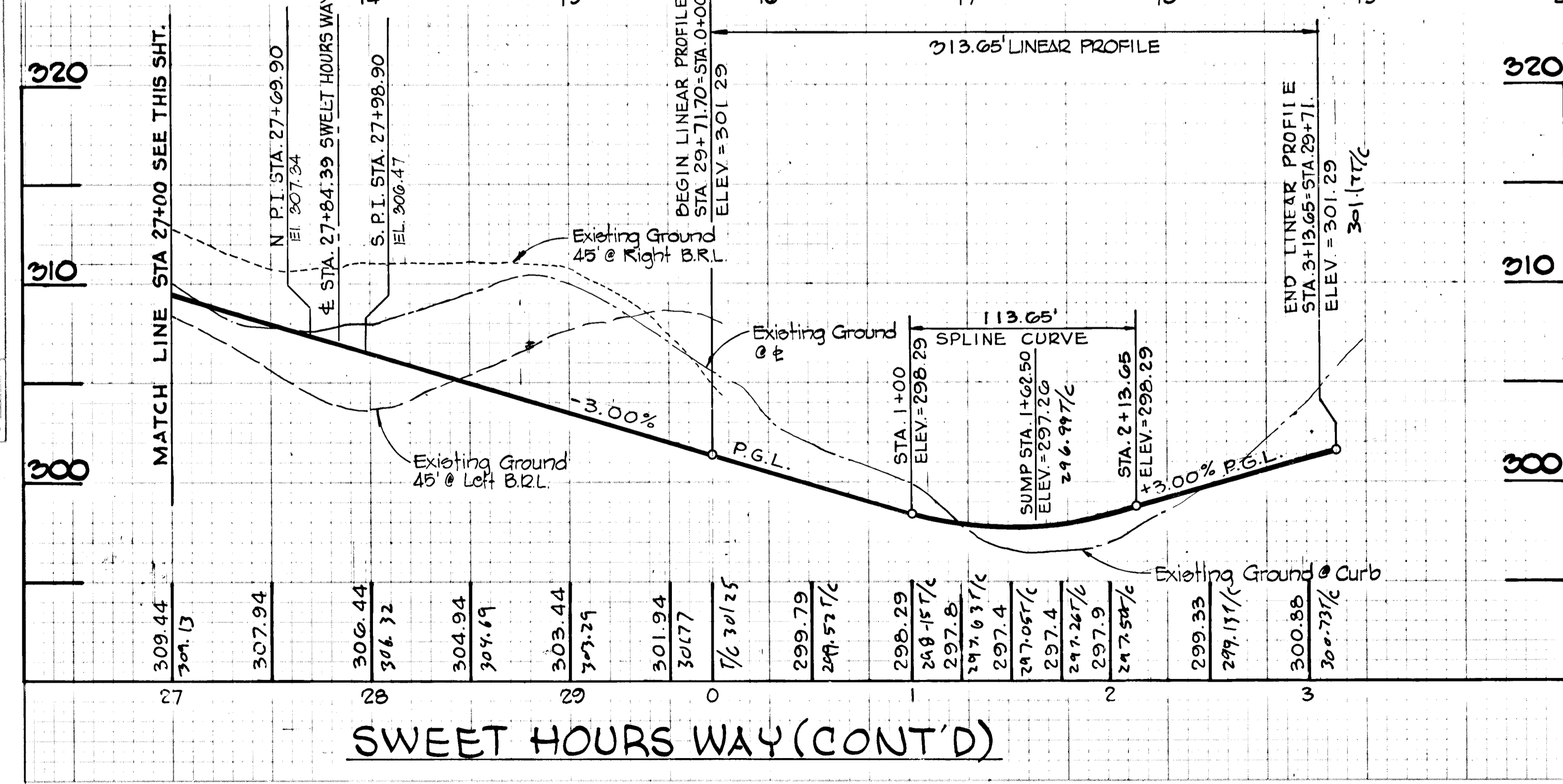
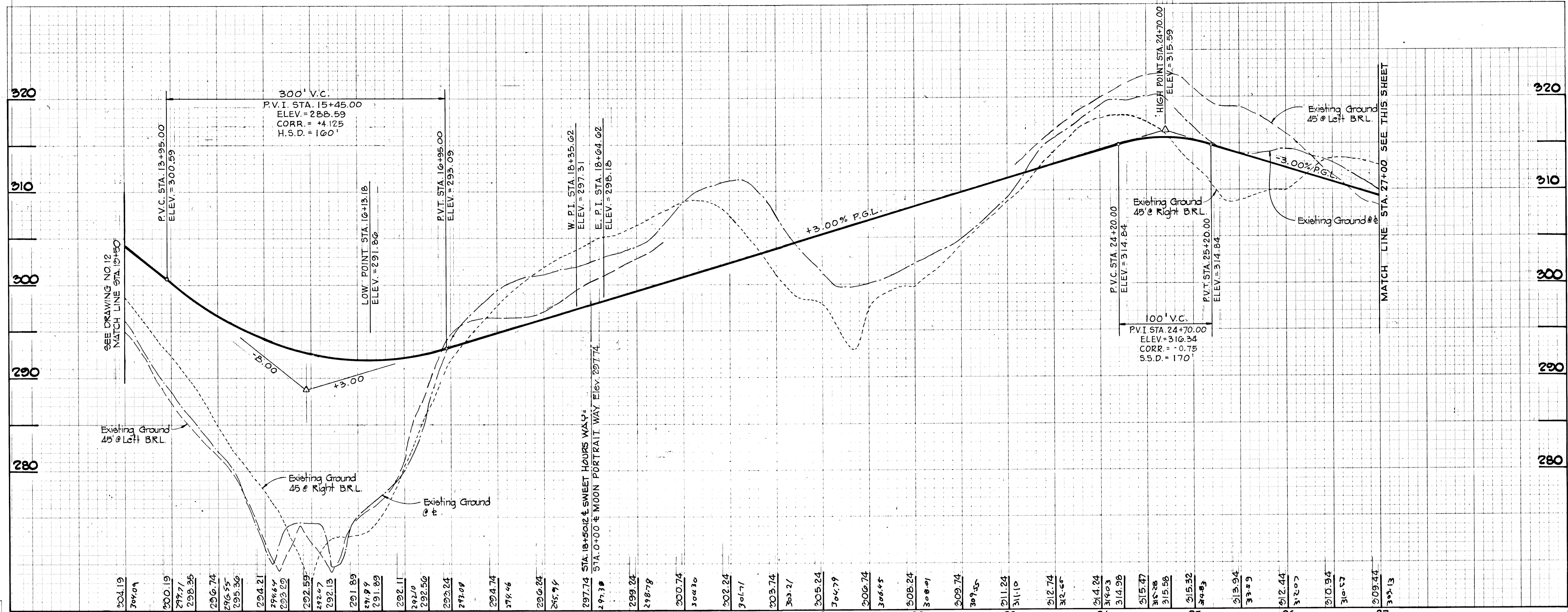


Date	No.	Revision Description
		VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland
		OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland
		CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204
AREA TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17		
TITLE ROAD PROFILES SWEET HOURS WAY, MOON PORTRAIT WAY		
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By T.D.	Date	Drawing No. 12 OF 27
Chk By G.R.K.	Approved	

DATE	
BY	
FINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

#445



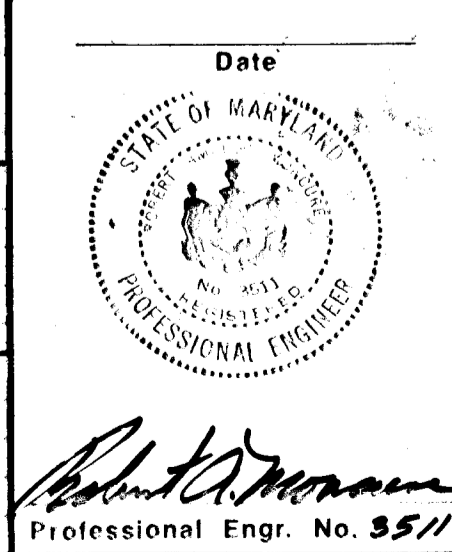
SWEET HOURS WAY (CONT'D)

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

AS BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. L.S.  
#301  
11-6-86

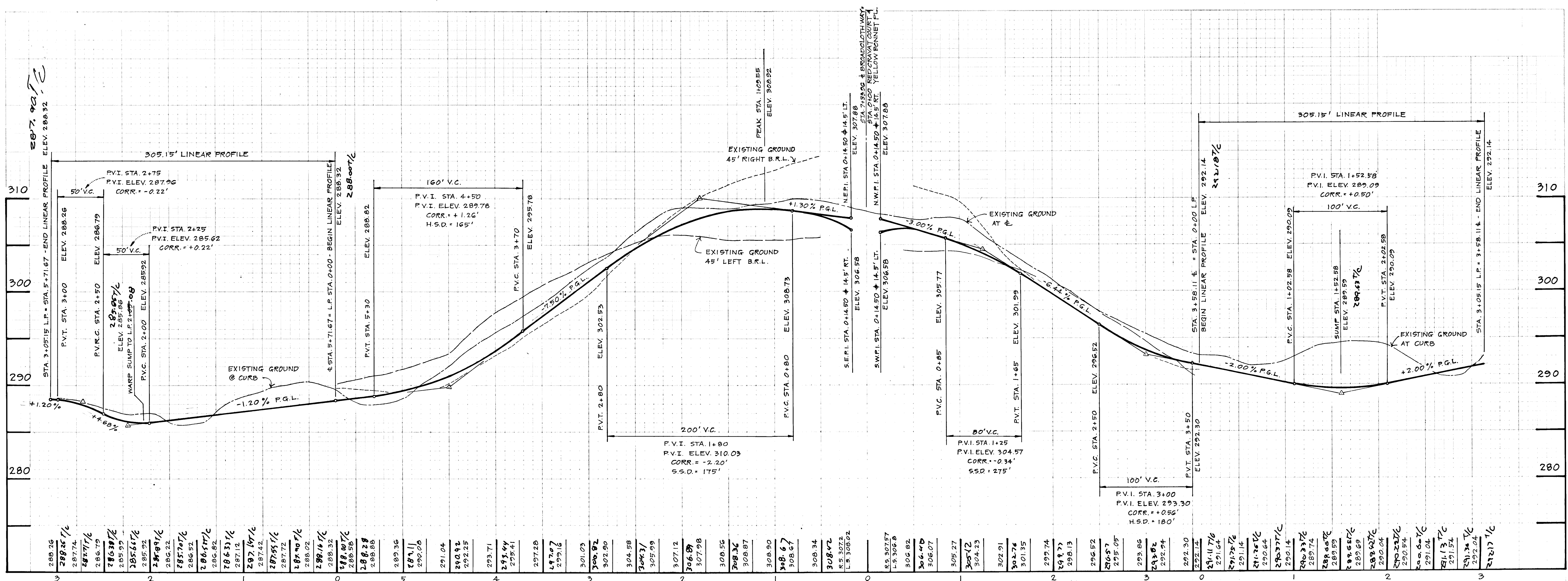
Date	No	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17		
TITLE ROAD PROFILE SWEET HOURS WAY		
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No 13 OF 27
Chk By G.K.	Approved	

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Chief, Bureau of Engineering  
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Chief, Division of Land Development & Zoning Admin



PLANNED SURVEY  
 RECORDED  
 DATE  
 BY

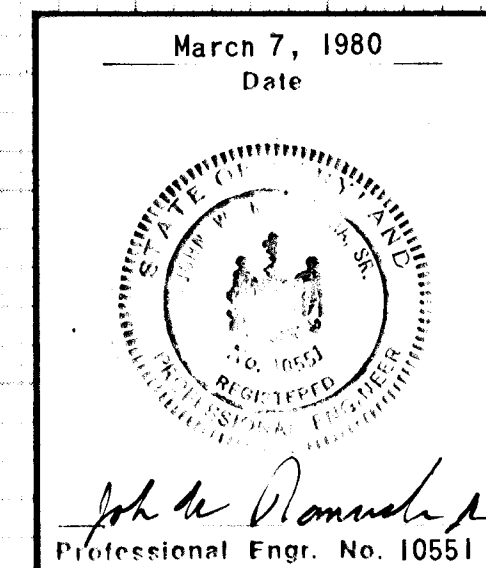
ORIGINAL SURVEY  
 RECORDED  
 DATE  
 BY



**RED CRAVAT COURT**  
 PROFILE  
 SCALE: HOR. 1"=50'  
 VERT. 1"=5'

**YELLOW BONNET PLACE**  
 PROFILE  
 SCALE: HOR. 1"=50'  
 VERT. 1"=5'

AS BUILT SURVEY  
 CERTIFIED BY  
 RICHARD F. LANE  
 REC. LS  
 #321  
 11-6-86

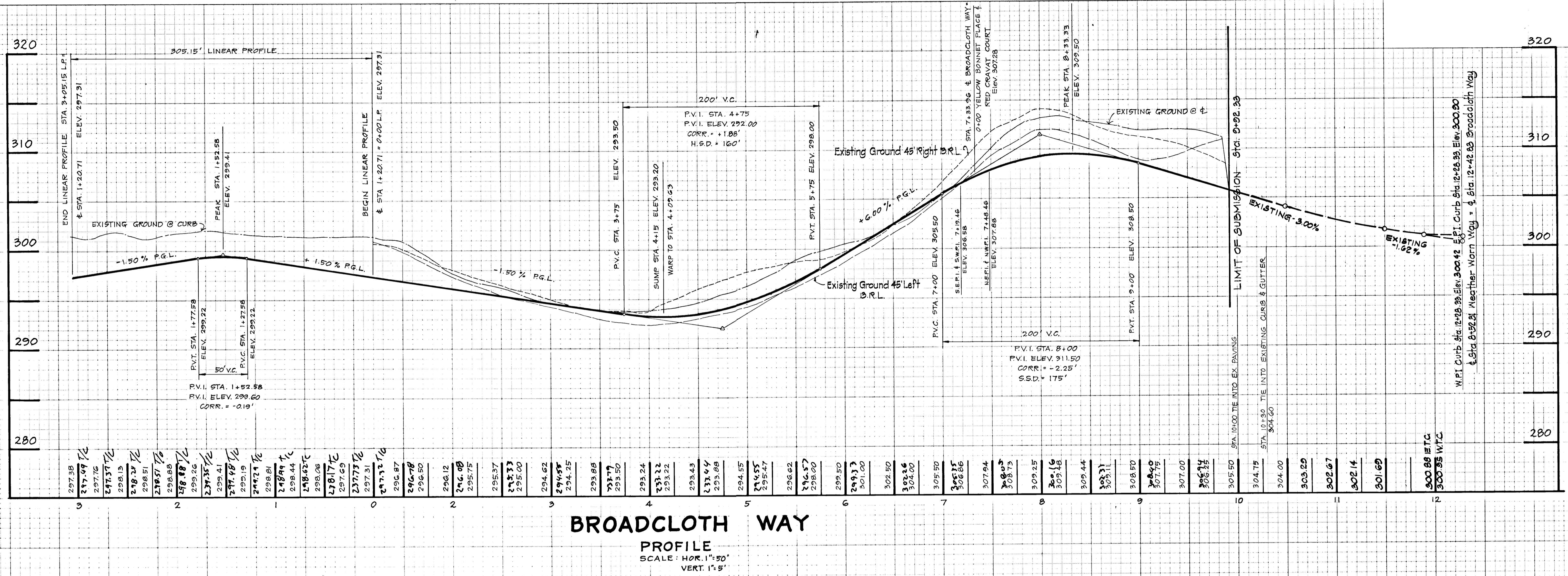


HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
<i>William E. Riley</i>		7/14/81
Chief, Bureau of Engineering		Date
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		
<i>John M. ...</i>		6-30-81
Chief, Division of Land Development & Zoning Admin.		Date
Date	No	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17		
TITLE ROAD PROFILES RED CRAVAT COURT, YELLOW BONNET PLACE		
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No. 14-Of 27
Chk By G.K.	Approved	

445

FINAL SURVEY PLOTTED AREAS  
 DATE BY

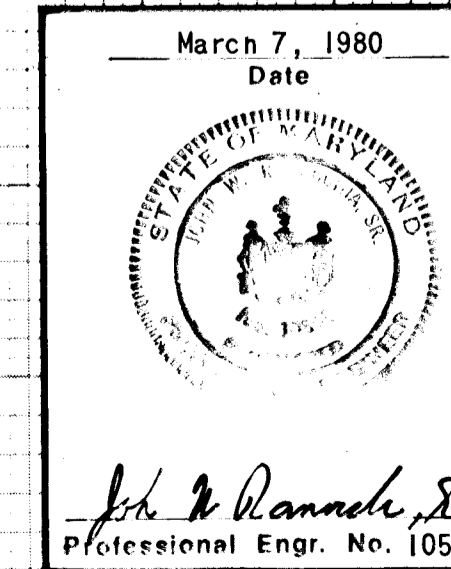
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 DATE BY



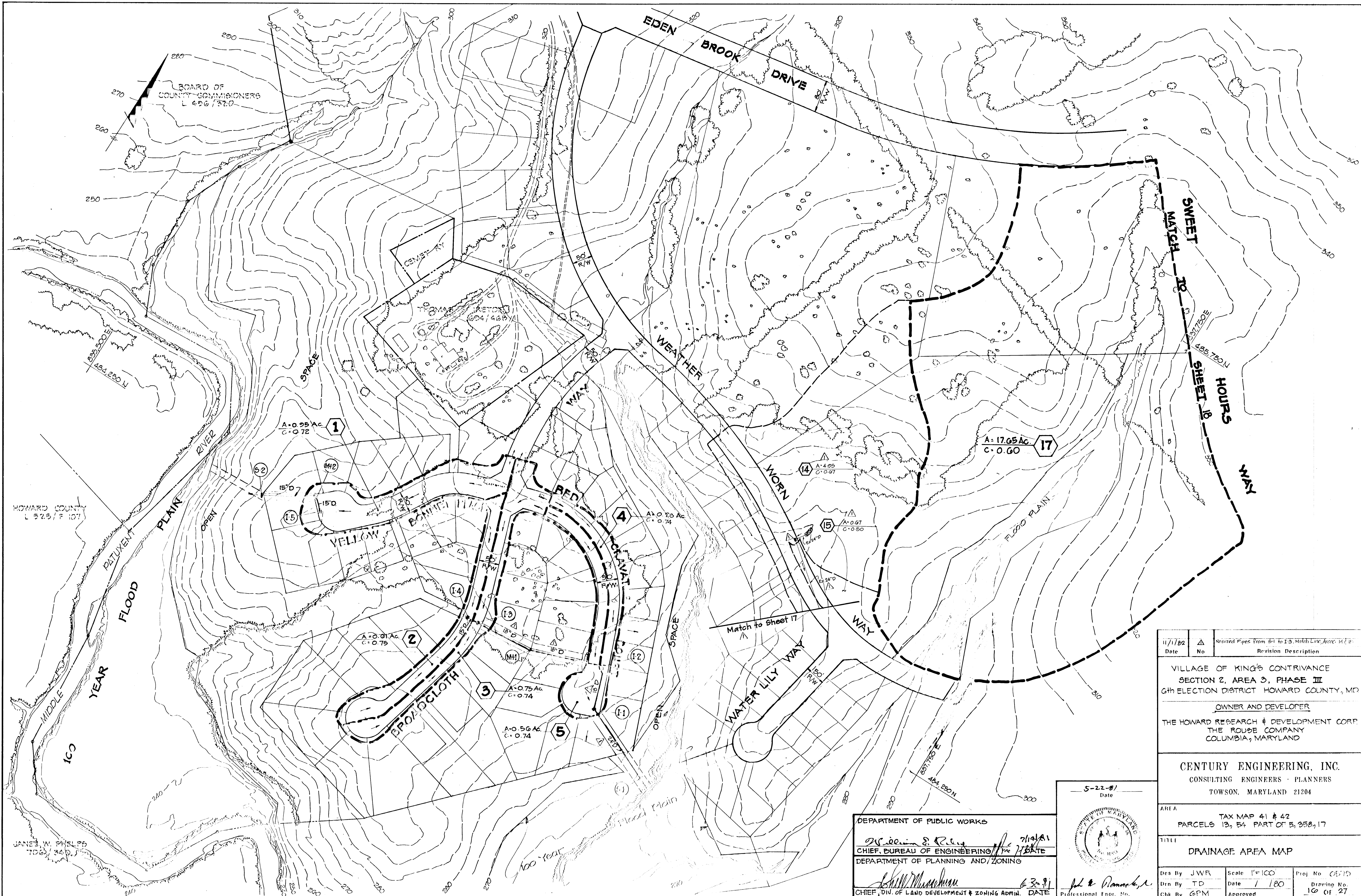
**BROADCLOTH WAY**  
**PROFILE**  
 SCALE: HOR. 1"=50'  
 VERT. 1"=5'

AS BUILT SURVEY  
 CERTIFIED BY  
 RICHARD A. LANE  
 REG. L.S.  
 #301  
 11-6-88

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
<i>William S. Riley</i>		7/14/81
Chief, Bureau of Engineering		Date
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		
<i>Richard M. Schuman</i>		6/30/81
Chief, Division of Land Development & Zoning Admin.		Date
Date	No.	Revision Description
		VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland
OWNER AND DEVELOPER		
THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA		
TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17		
TITLE		
ROAD PROFILES BROADCLOTH WAY To Sta. 10+00		
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No 15 Of 27
Chk By G.K.	Approved	



445



BOARD OF COUNTY COMMISSIONERS  
L 490 / 37.0

HOWARD COUNTY  
L 525 / F 107

JANET W. PHILIPS  
7063 / 32.0

Date	No	Revision Description
11/1/82	1	Revised Pipes from B1 to I3, Match Lines, Area 17, 18

VILLAGE OF KING'S CONTRIVANCE  
SECTION 2, AREA 3, PHASE III  
6th ELECTION DISTRICT HOWARD COUNTY, MD

OWNER AND DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
THE ROUSE COMPANY  
COLUMBIA, MARYLAND

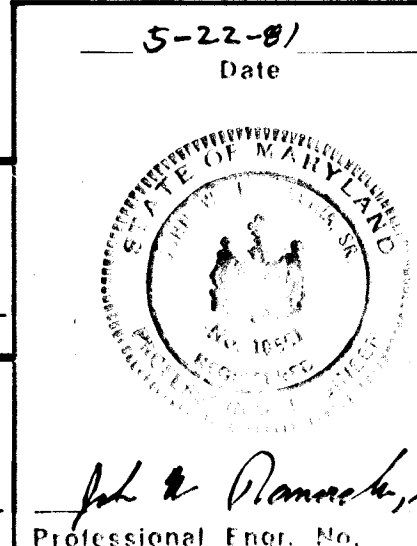
CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA  
TAX MAP 41 & 42  
PARCELS 13, 54 PART OF B, 358, 17

TITLE  
DRAINAGE AREA MAP

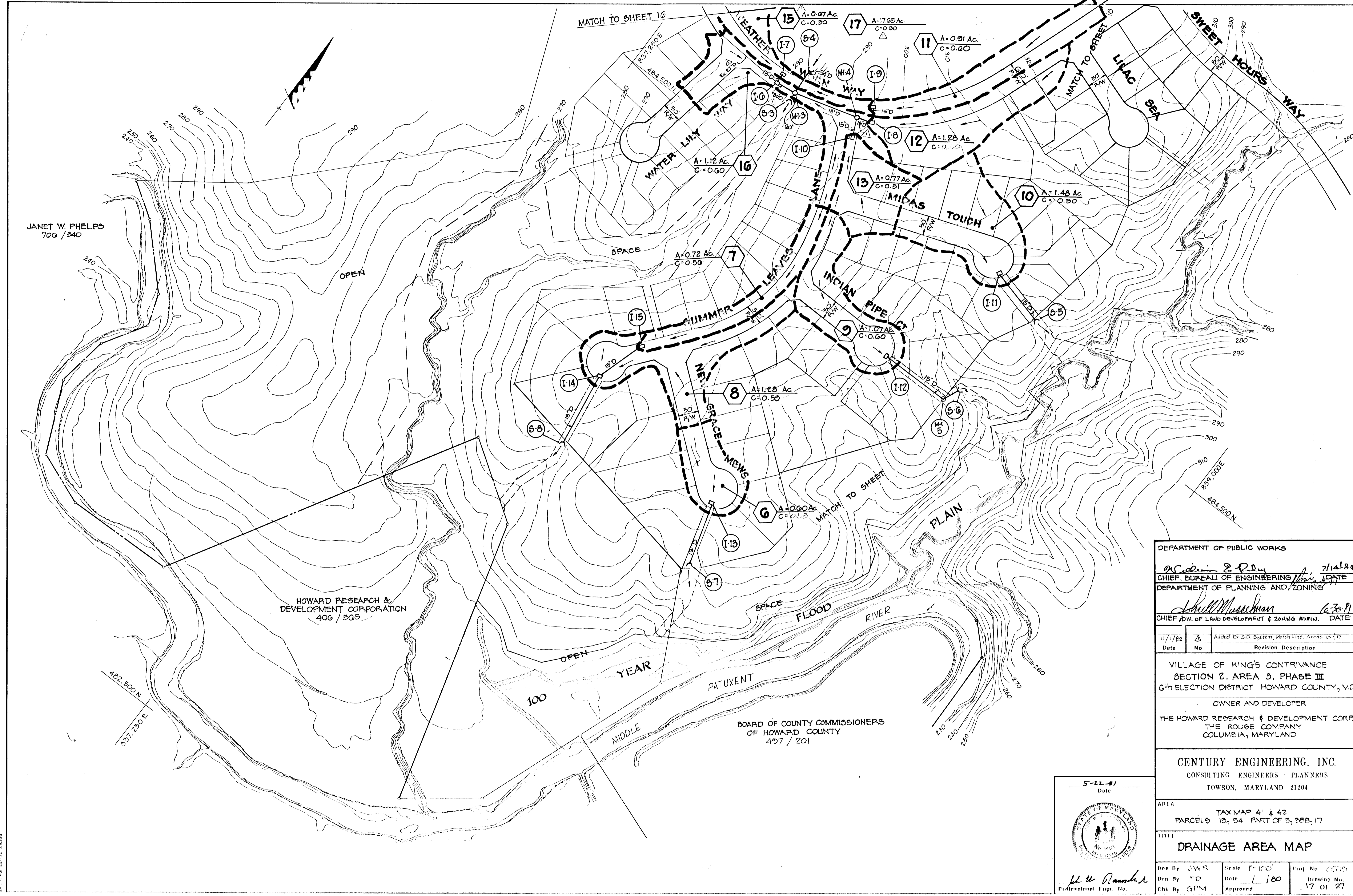
Des By JWR	Scale 1"=100'	Proj No 05710
Drn By TD	Date 1/80	Drawing No. 10 Of 27
Chk By GPM	Approved	

DEPARTMENT OF PUBLIC WORKS  
*William S. Riley* 7/19/81  
CHIEF, BUREAU OF ENGINEERING  
DEPARTMENT OF PLANNING AND ZONING  
*John W. Manschman* 6/30/81  
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. DATE



DRAWING 44-32 28566





JANET W. PHELPS  
700 / 340

HOWARD RESEARCH &  
DEVELOPMENT CORPORATION  
406 / 505

BOARD OF COUNTY COMMISSIONERS  
OF HOWARD COUNTY  
427 / 201

DEPARTMENT OF PUBLIC WORKS  
*William S. P. [Signature]* 7/14/84  
CHIEF, BUREAU OF ENGINEERING DATE  
DEPARTMENT OF PLANNING AND ZONING  
*Shull Muschman* 6-30-81  
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. DATE

Date	No.	Revision Description
11/1/82	1	Added Ex. S.D. System, Match Line, Areas, etc.

VILLAGE OF KING'S CONTRIVANCE  
SECTION 2, AREA 3, PHASE III  
6th ELECTION DISTRICT HOWARD COUNTY, MD

OWNER AND DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
THE ROUSE COMPANY  
COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA  
TAX MAP 41 & 42  
PARCELS 13, 54 PART OF 5, 258, 17

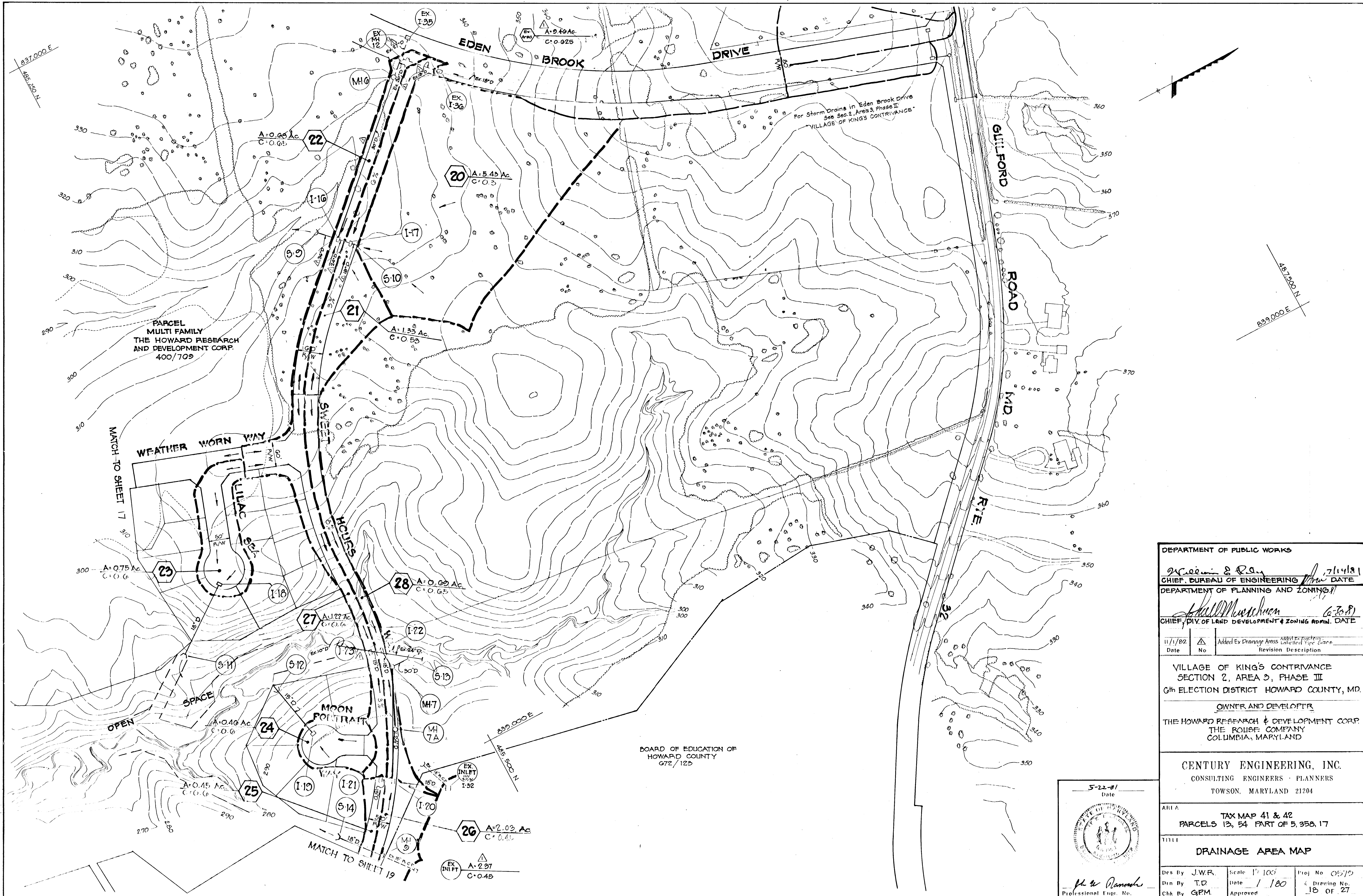
TITLE  
DRAINAGE AREA MAP

Des. By JWFR	Scale 1"=100'	Proj. No. 05715
Des. By TD	Date 1/80	Drawing No. 17 OF 27
Chk. By GPM	Approved	

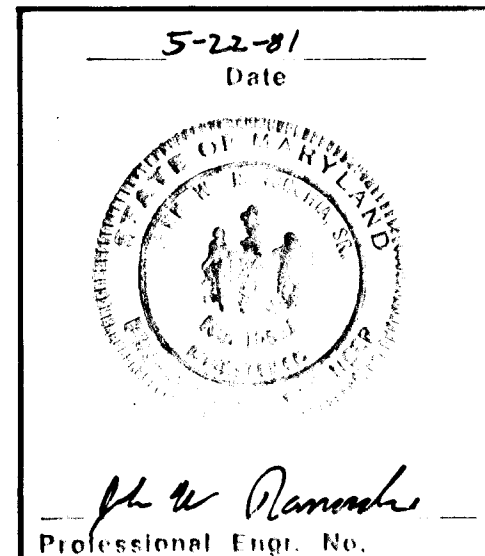
5-22-81  
Date

*W. S. P. [Signature]*  
Professional Eng. No.

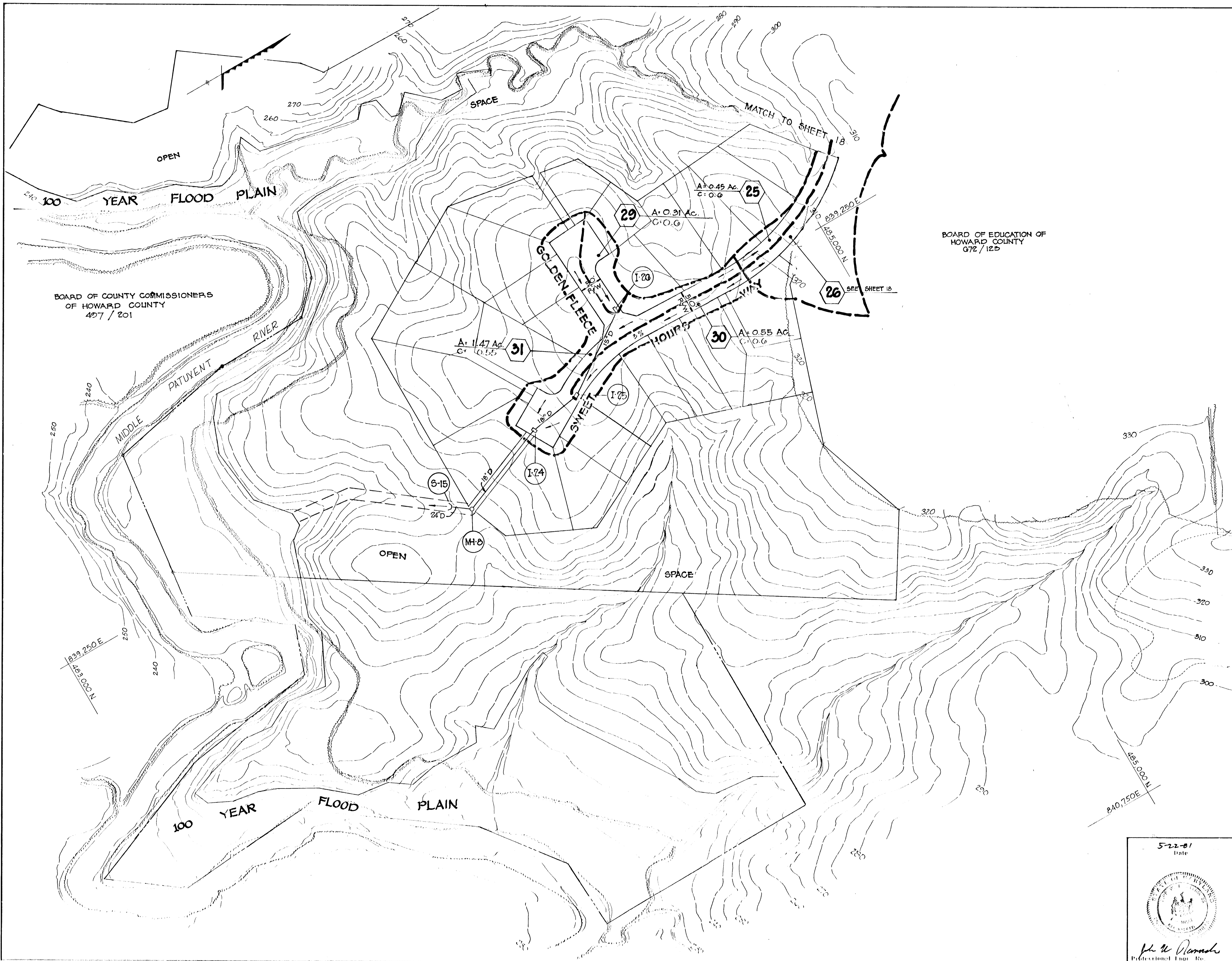
PLANNING 44-32 25586



DEPARTMENT OF PUBLIC WORKS		
<i>William B. Rea</i> 7/14/81 CHIEF, BUREAU OF ENGINEERING DATE		
DEPARTMENT OF PLANNING AND ZONING		
<i>Richard M. Neuschwan</i> 6-30-81 CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. DATE		
11/1/82 Date	Δ No	Added Ex Drainage Areas Affected Property Unaffected Type Errors Revision Description
VILLAGE OF KING'S CONTRIVANCE SECTION 2, AREA 3, PHASE III 6th ELECTION DISTRICT HOWARD COUNTY, MD.		
OWNER AND DEVELOPER THE HOWARD RESEARCH & DEVELOPMENT CORP. THE ROUSE COMPANY COLUMBIA, MARYLAND		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 & 42 PARCELS 13, 54 PART OF 5, 35B, 17		
TITLE <b>DRAINAGE AREA MAP</b>		
Des By J.W.R.	Scale 1" = 100'	Proj No 05779
Drn By T.D.	Date 1/180	Drawing No.
Chk By GPM	Approved	18 OF 27



58522 2477 5/11/81



BOARD OF COUNTY COMMISSIONERS  
OF HOWARD COUNTY  
497 / 201

BOARD OF EDUCATION OF  
HOWARD COUNTY  
672 / 125

DEPARTMENT OF PUBLIC WORKS  
*McLean & Reilly* 7/10/81  
CHIEF, BUREAU OF ENGINEERING / DATE  
DEPARTMENT OF PLANNING AND ZONING  
*John W. ...* 6-23-81  
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. / DATE

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
SECTION 2, AREA 3, PHASE III  
6th ELECTION DISTRICT HOWARD COUNTY, MD.  
OWNER AND DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
THE ROUSE COMPANY  
COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21284

AREA  
TAX MAPS 41 AND 42  
PARCELS 13, 54 PART OF 5, 25, 17

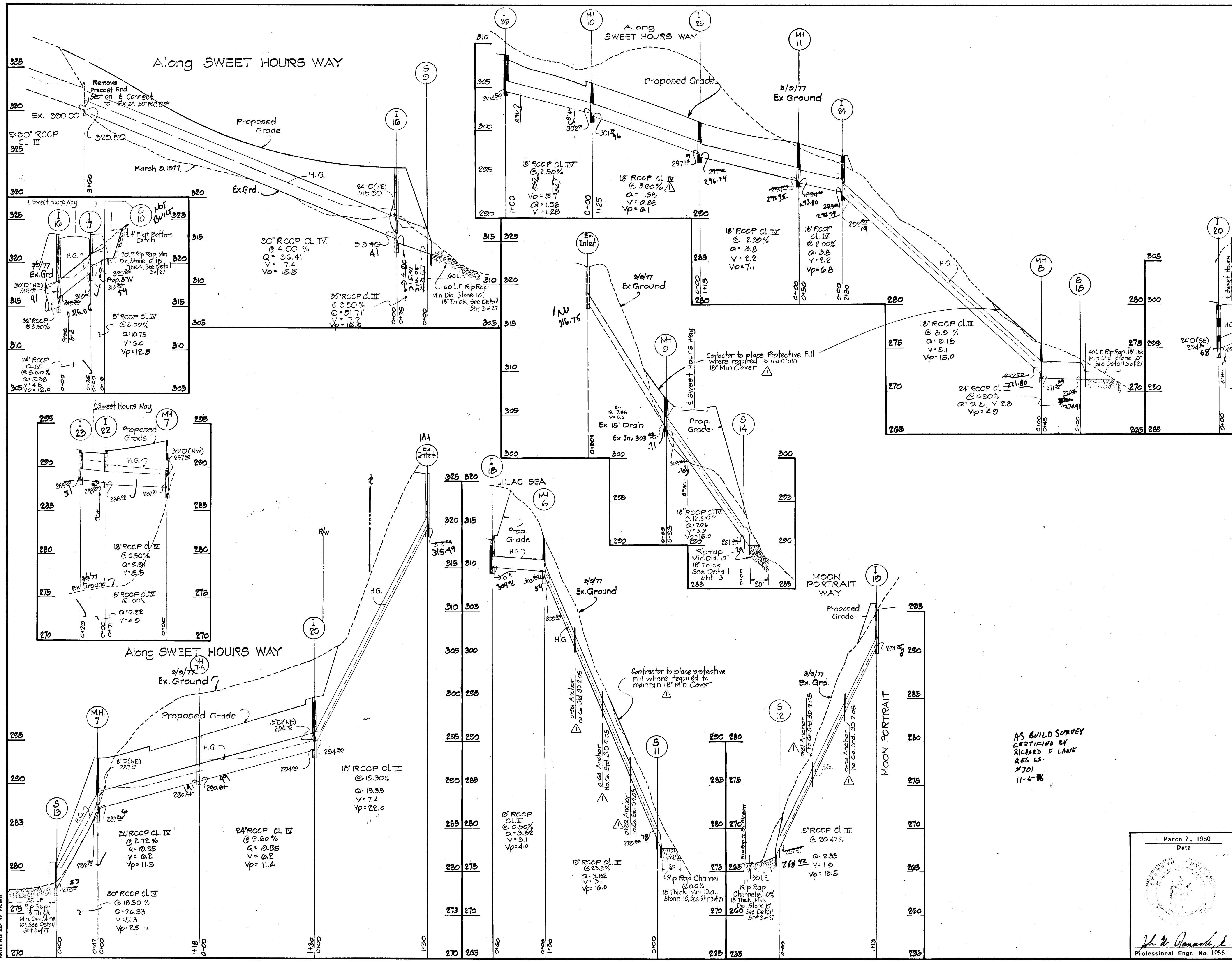
**DRAINAGE AREA MAP**

Des By J.W.R. Scale 1"=100'  
Dwn By T.D. Date 7/1/80  
Chk By G.P.M. Approved 19 OF 27

5-22-81  
Date

*John W. ...*  
Professional Engineer No.

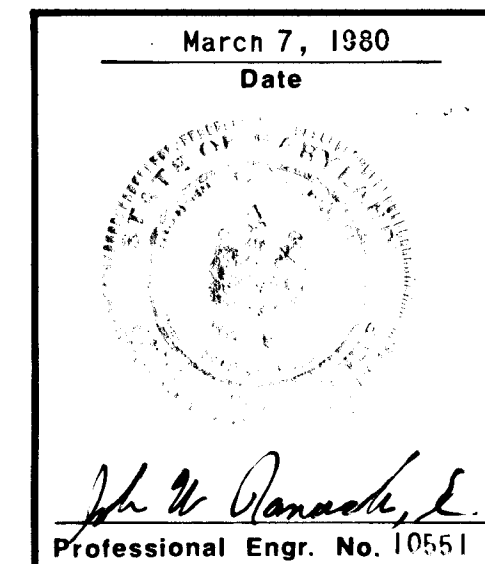
# 445



#445

BRUNING 44-132 28586

AS BUILT SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. L.S.  
#301  
11-4-86

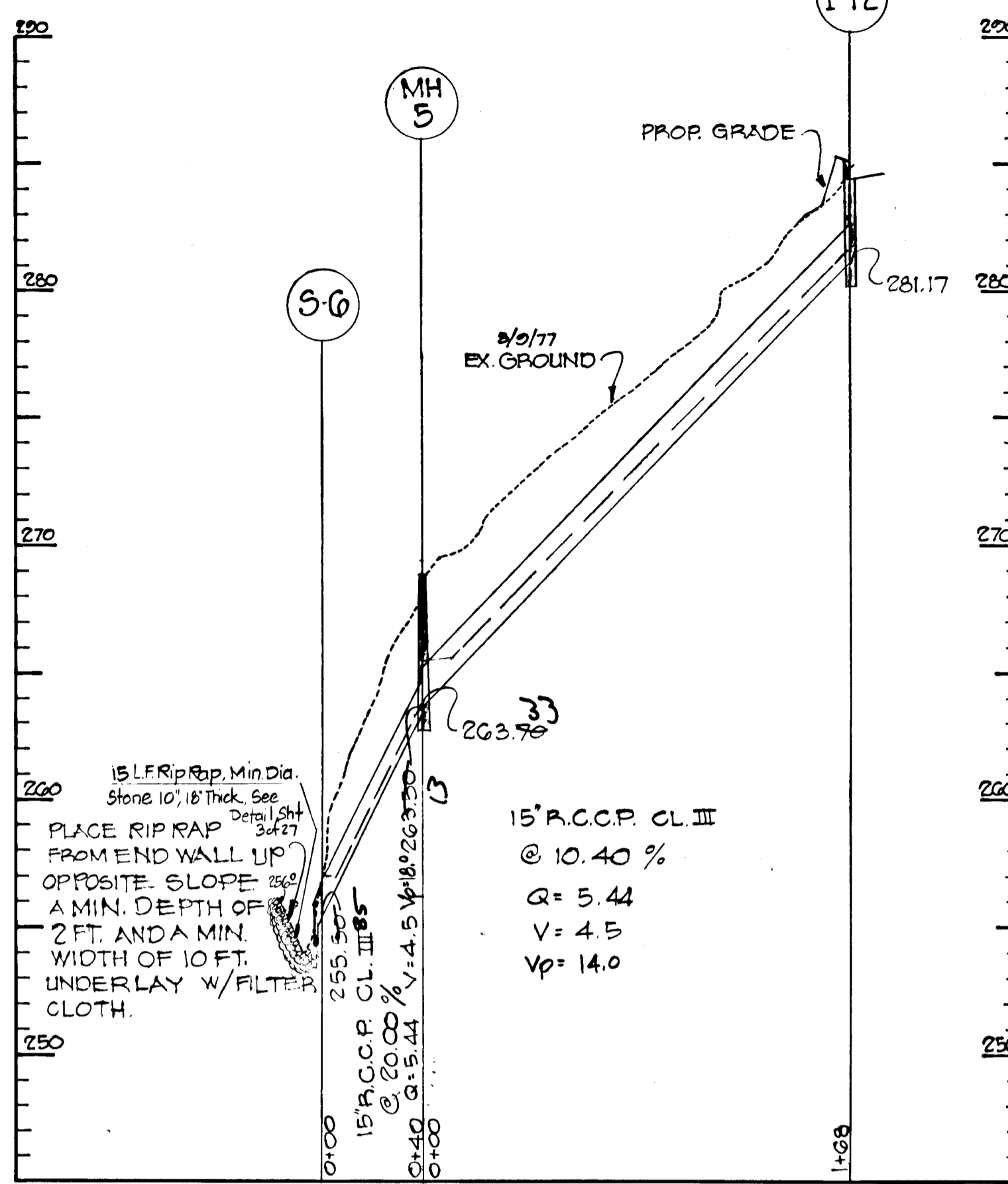


HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		7/14/81	
Richard F. Lane		Date	
Chief, Bureau of Engineering			
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING			
Richard F. Lane		6/23/81	
Chief, Division of Land Development & Zoning Admin.		Date	
11/1/82	Δ	Added Protective Fill Note, Ex. grade 1'-25" to MH-10	
Date	No	Revision Description	
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland			
OWNER AND DEVELOPER			
THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland			
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204			
AREA	TAX MAP 41 AND 42 PARCELS 14, 54 PART OF 5, 358, 17		
TITLE	STORM DRAIN PROFILES		
Des By	G.K.	Scale	NO. 12: 1" = 50' VERT. 1" = 5'
Drn By	J.D.C.	Date	3-7-80
Proj No	0579	Approved	
Chk By	G.K.	Drawing No.	20 OF 27

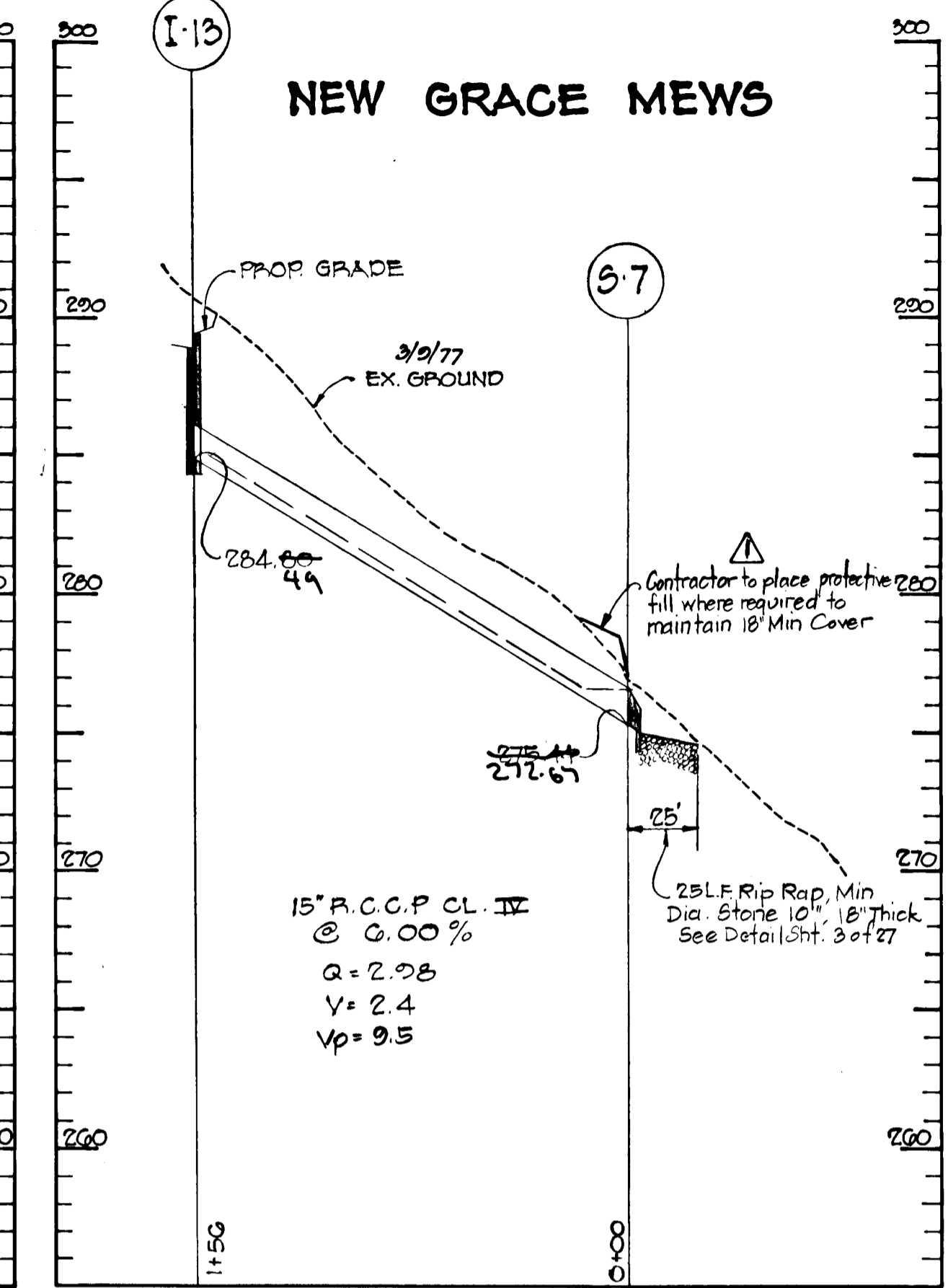
5-11-88 AS BUILT

7-28-84

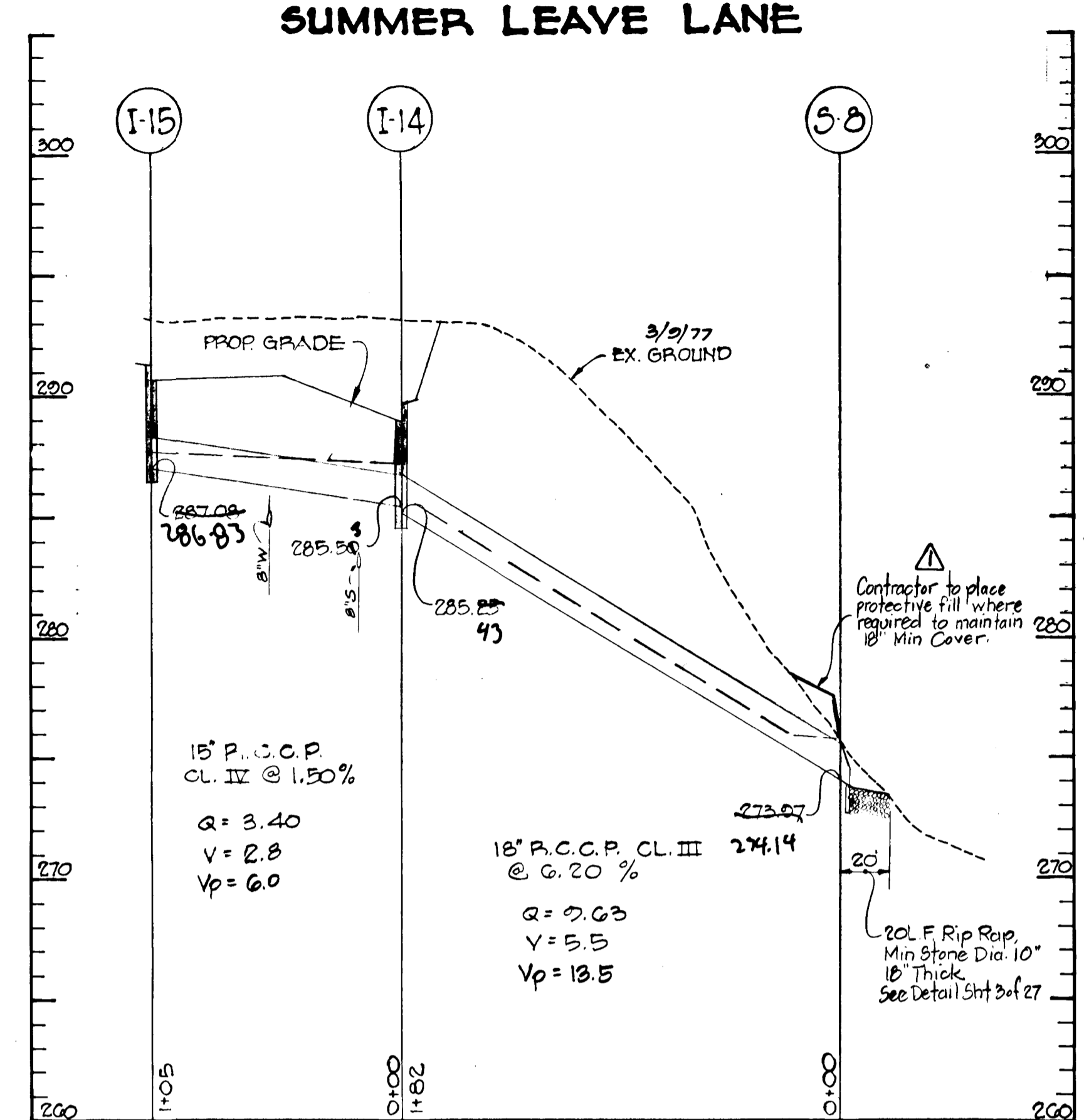
INDIAN PIPE COURT



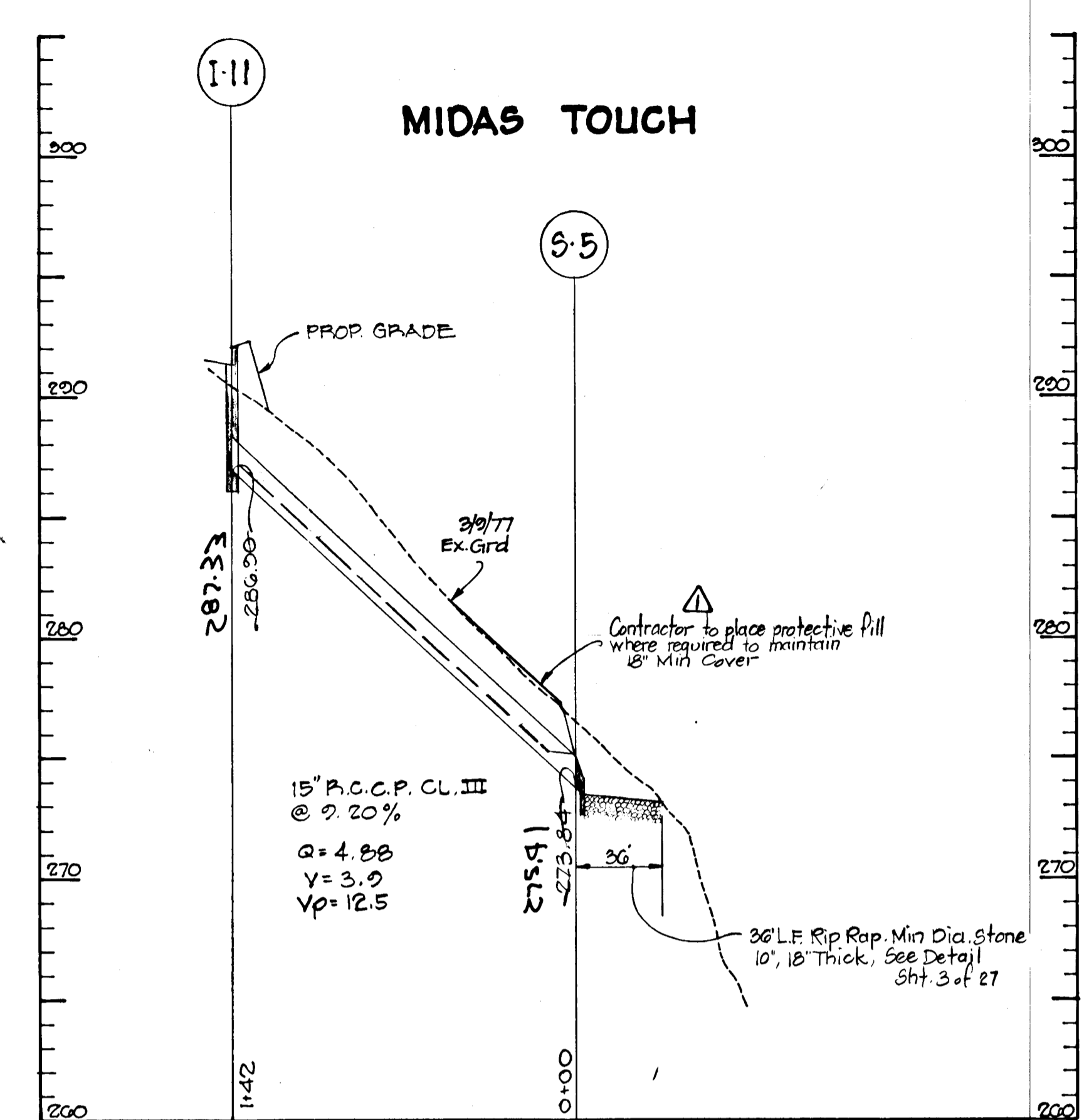
NEW GRACE MEWS



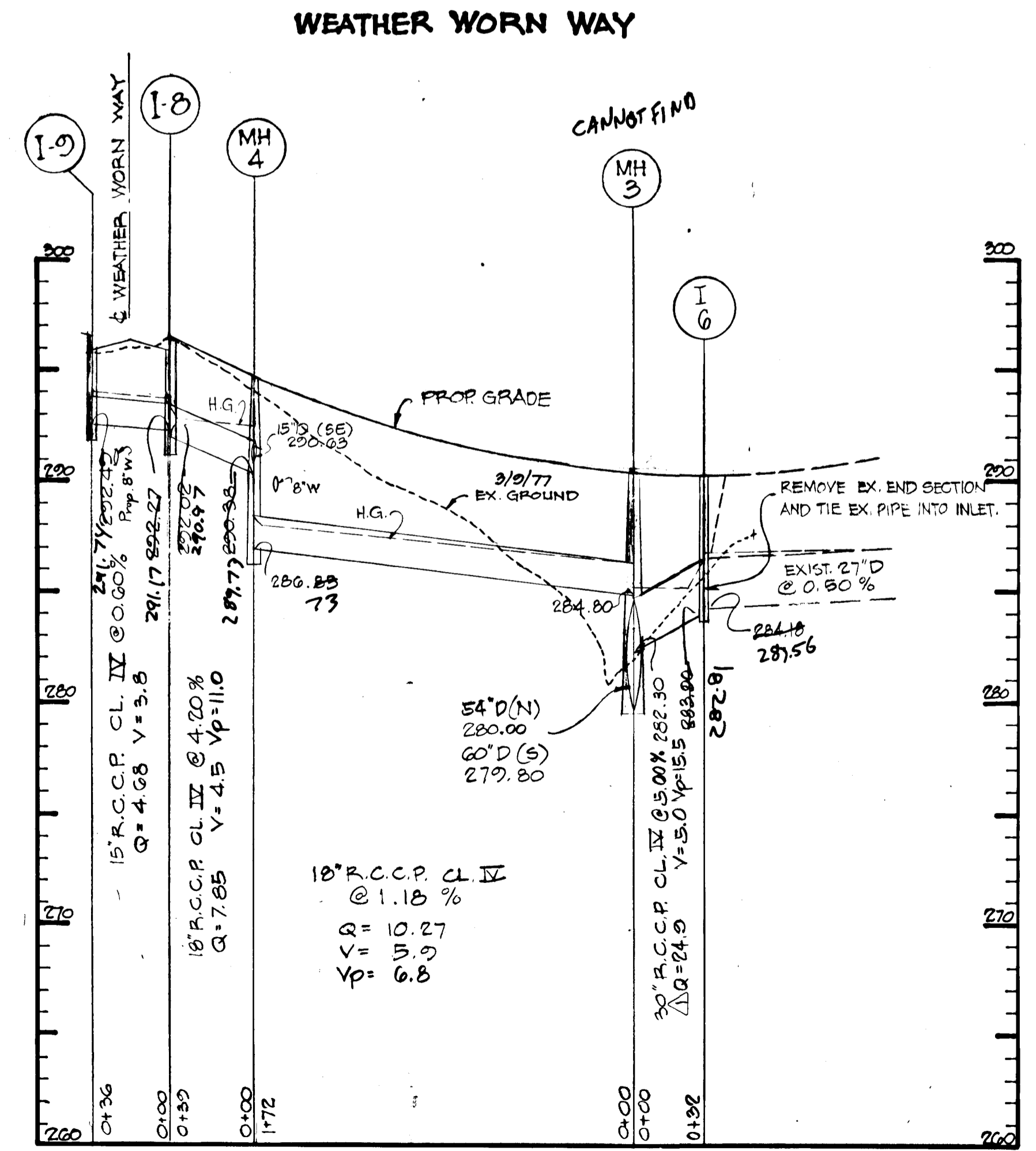
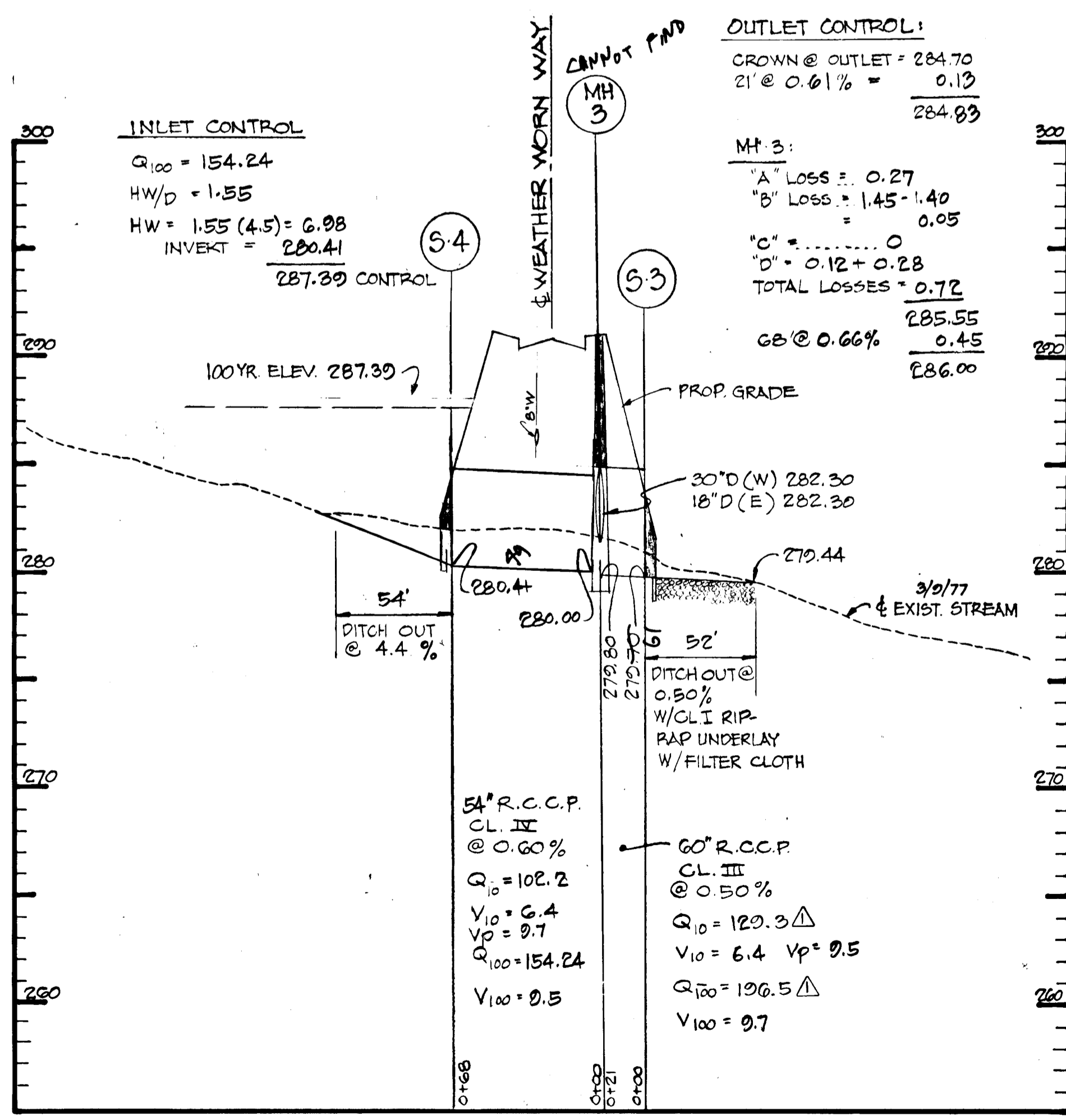
SUMMER LEAVE LANE



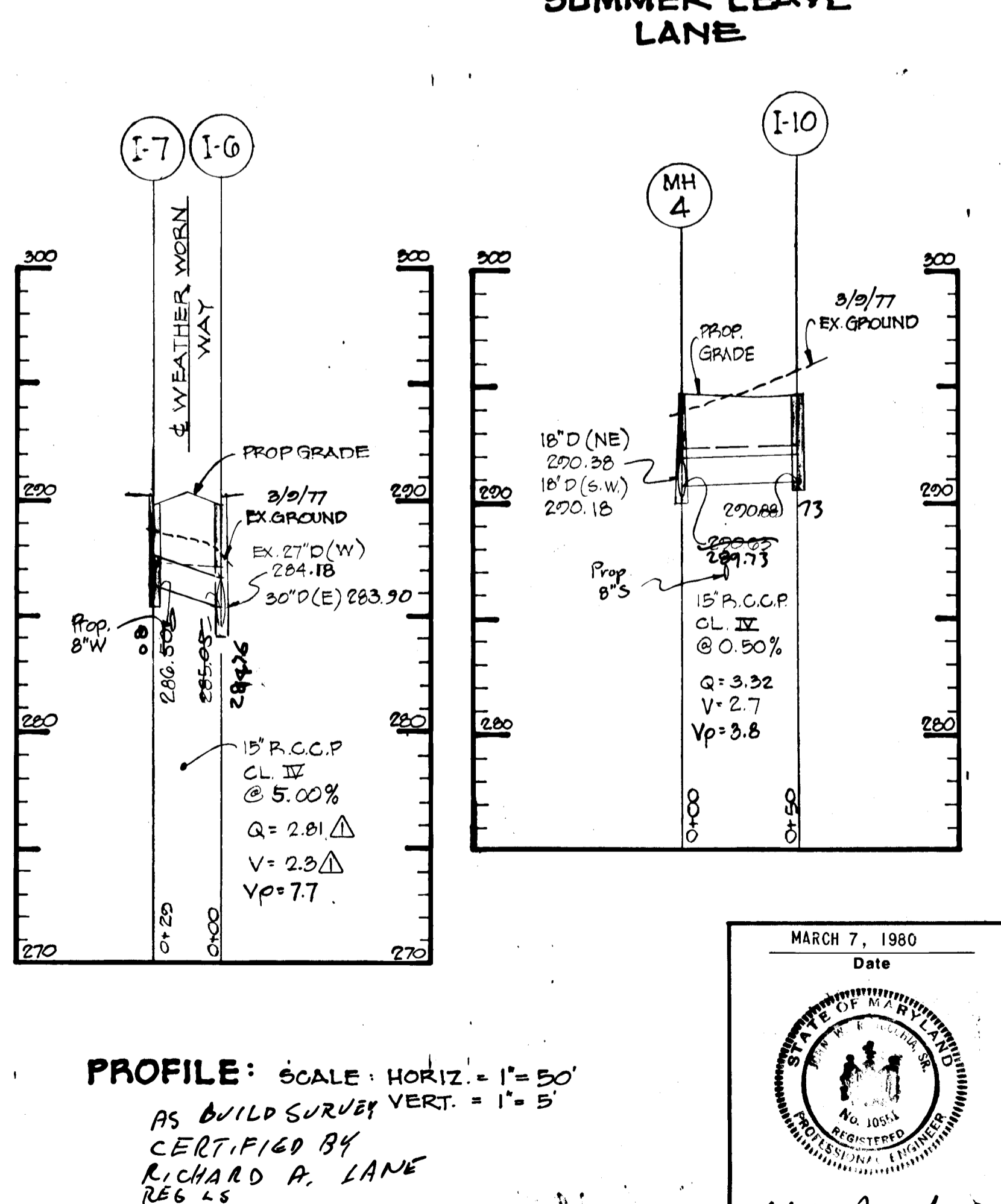
MIDAS TOUCH



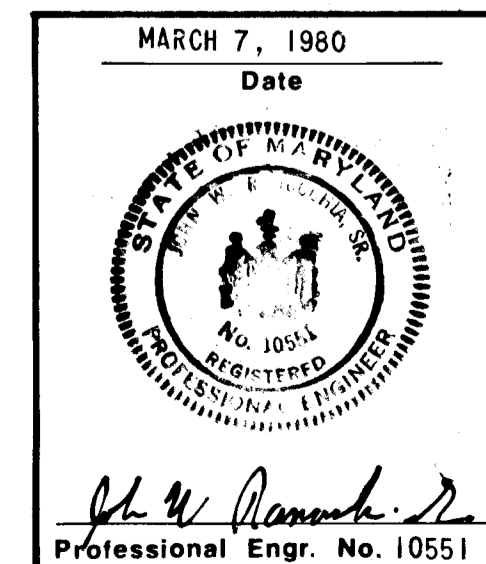
WEATHER WORN WAY



SUMMER LEAVE LANE

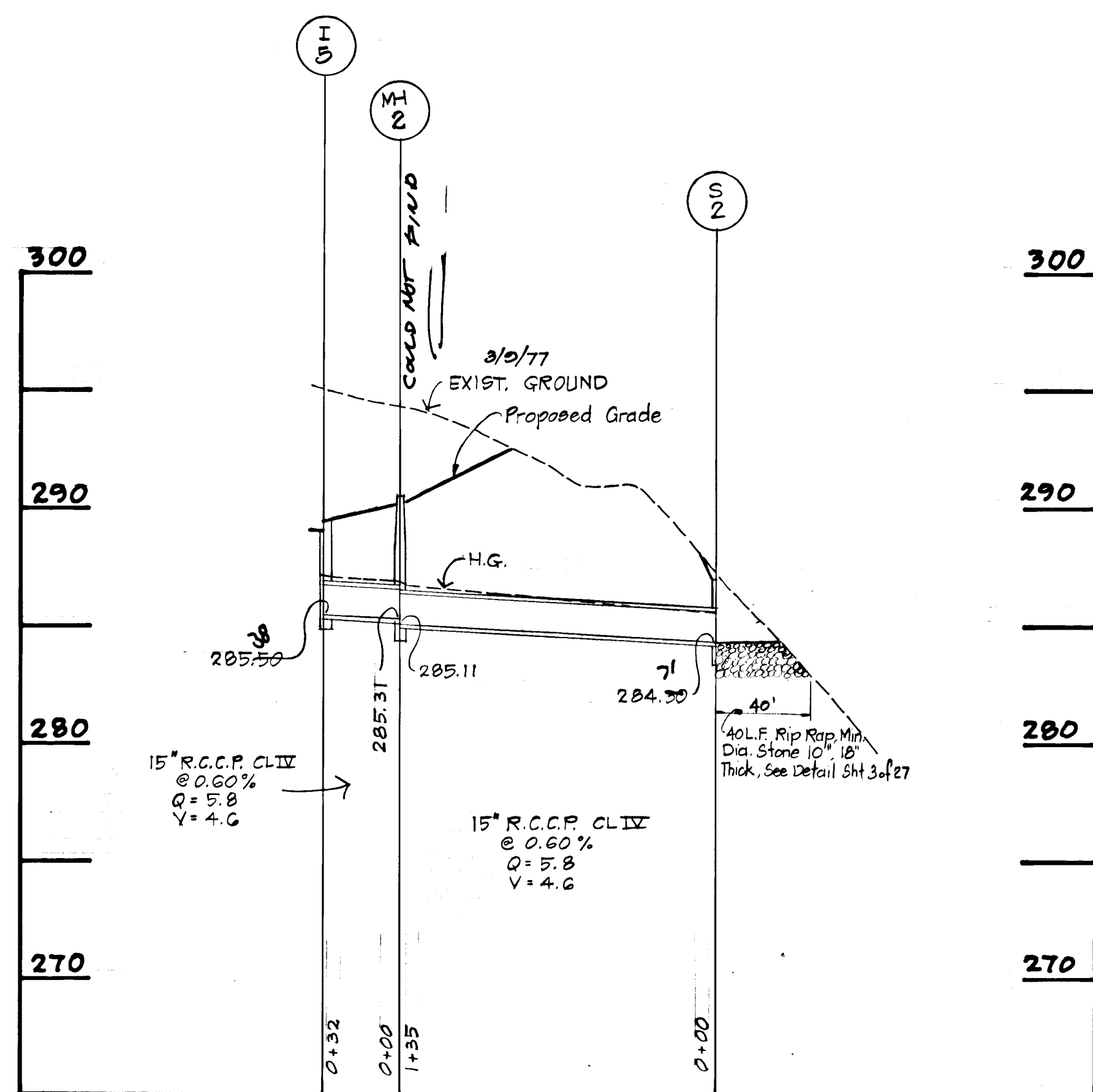


PROFILE: SCALE: HORIZ. = 1" = 50'  
 AS BUILT SURVEY VERT. = 1" = 5'  
 CERTIFIED BY  
 RICHARD A. LANE  
 REG. 45  
 #301  
 11-6-86

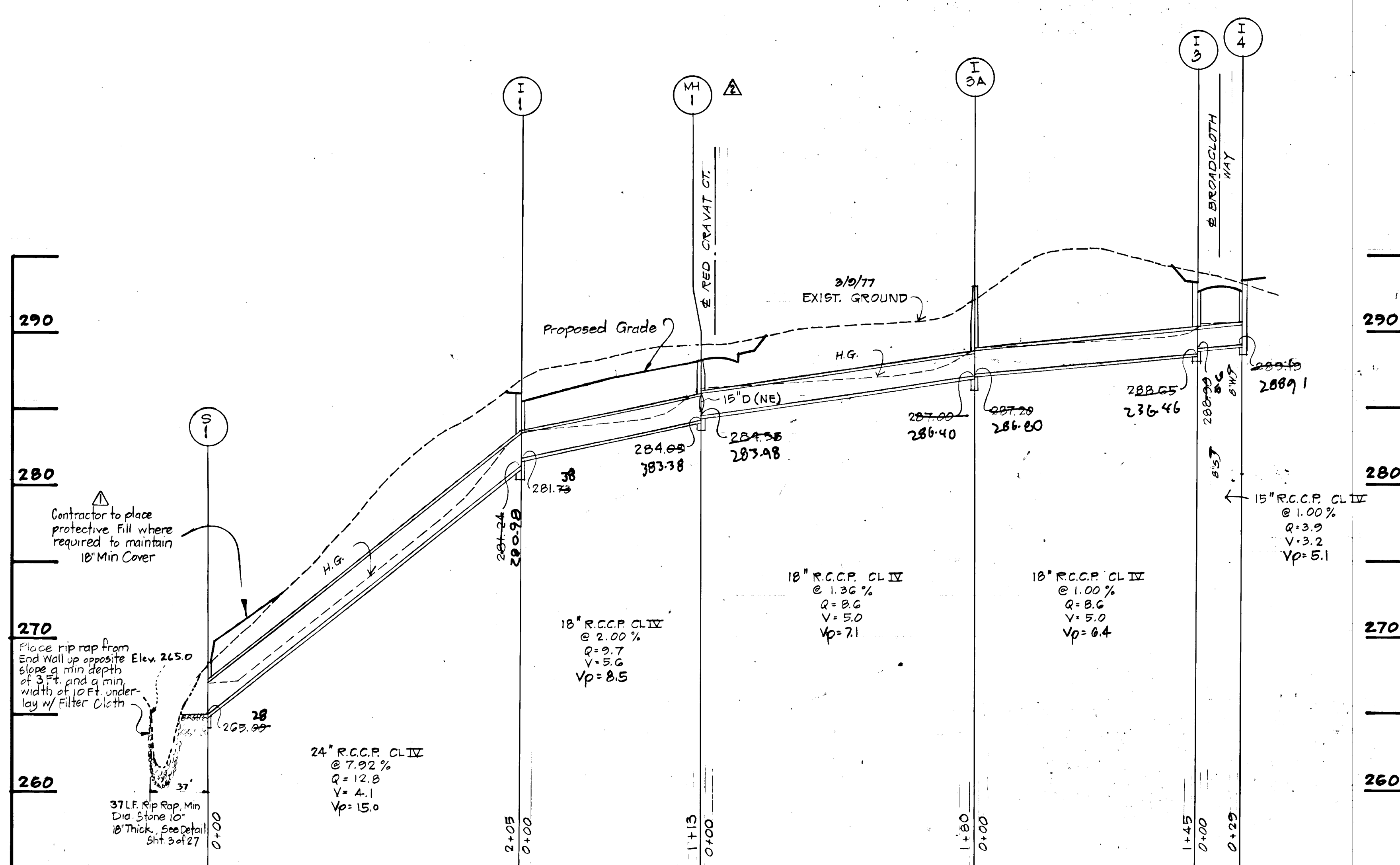


HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
<i>William S. Ray</i>		7/14/81
Chief, Bureau of Engineering		
Date		
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		
<i>John W. ...</i>		6-30-81
Chief, Division of Land Development & Zoning Admin. Dept.		
11/1/82	Δ	Rev. Q&Vs. Added Protective Fill Note.
Date	No	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland		
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA	TAX MAP 41 AND '42 PARCELS 13, 54 PART OF 5, 368, 17	
TITLE	STORM DRAIN PROFILES	
Des By T.D.	Scale AS SHOWN	Proj No 0579
Drn By J.C.	Date 3-7-80	Drawing No. 21 OF 27
Chk By G.K.	Approved	

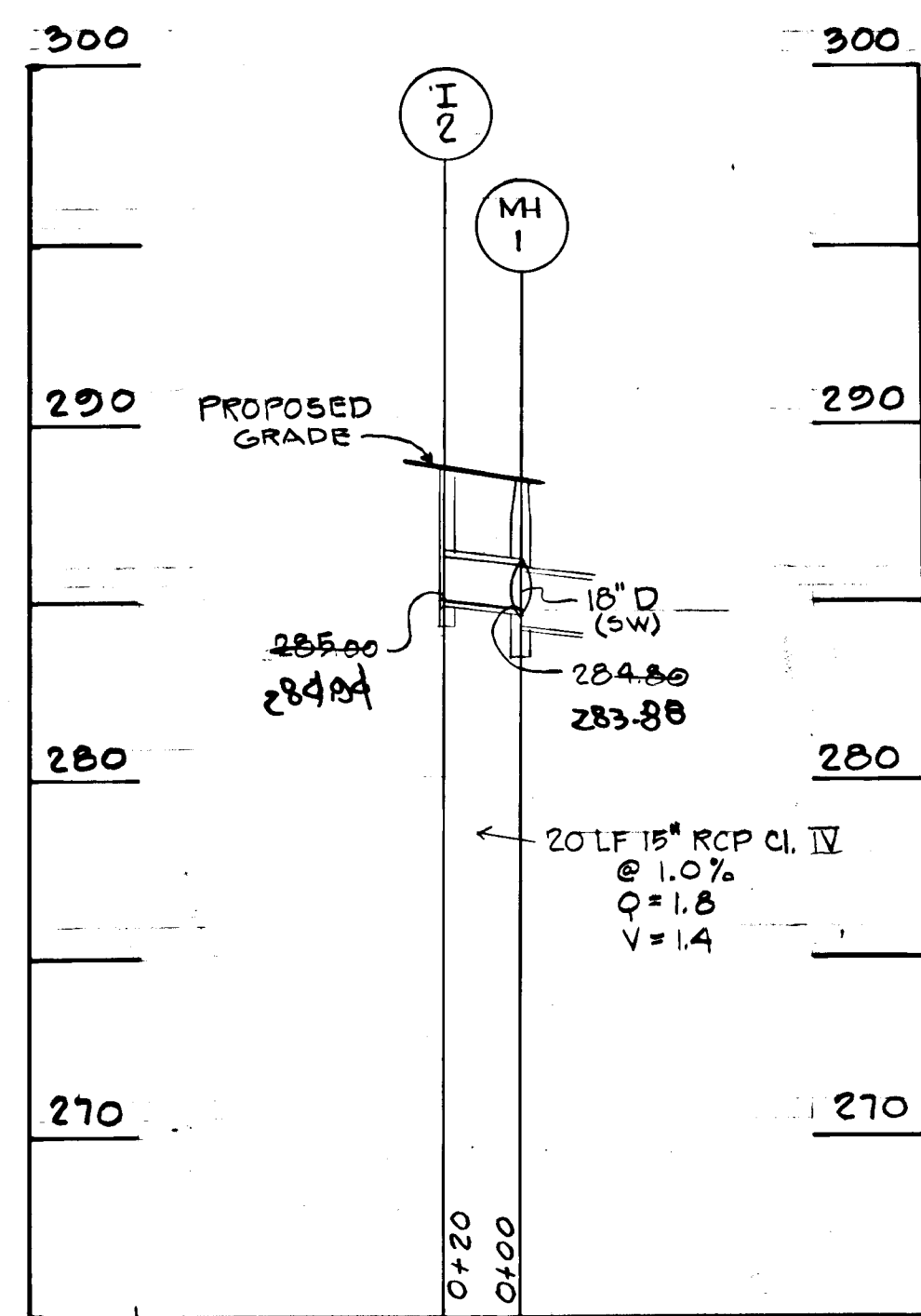
445



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

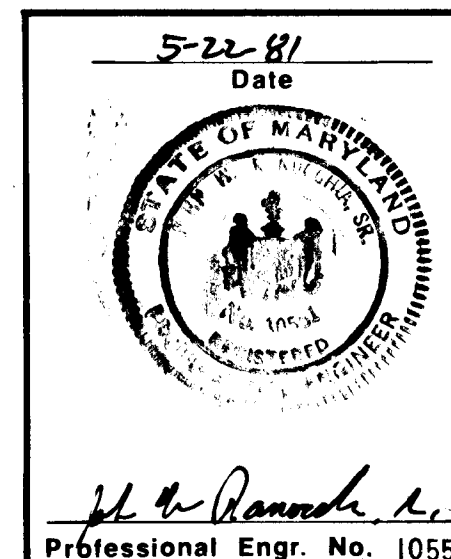


PROFILE  
SCALE: HOR. 1"=50'  
VERT. 1"=5'



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

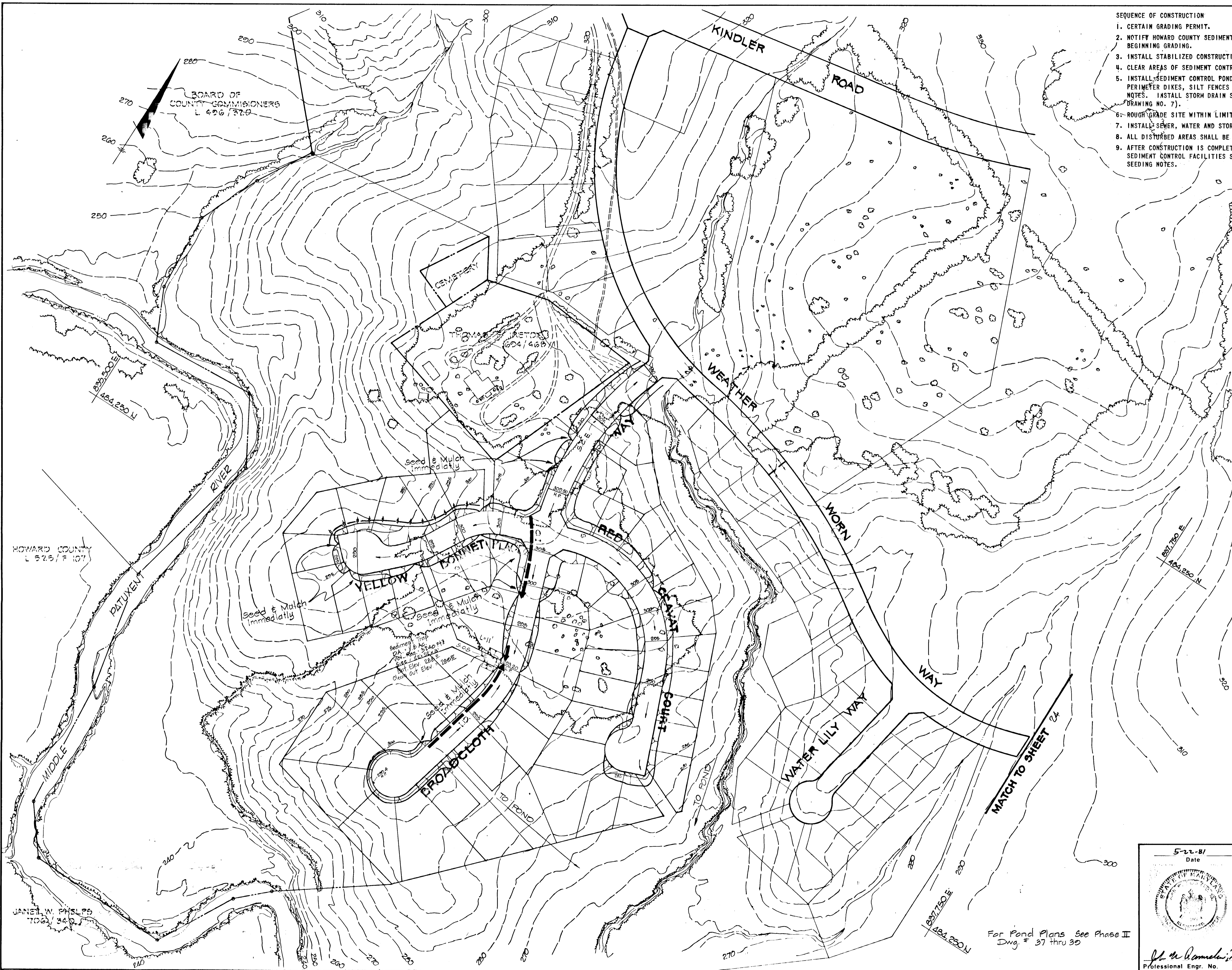
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		7/14/81	
Richard E. Ray		Date	
Chief, Bureau of Engineering		7/13/81	
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING			
John M. Mueselman		6/30/81	
Chief, Division of Land Development and Zoning Administration		Date	
5/23/84	Added & Changed Profile		
11/1/82	Added Protective Fill Note		
Date	No	Revision Description	
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 3, Phase III 6th Election District of Howard County, Maryland			
OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE COMPANY Columbia, Maryland			
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204			
AREA TAX MAP 41 AND 42 PARCELS 13, 54 PART OF 5, 358, 17			
TITLE STORM DRAIN PROFILES			
Des By T.D.	Scale 1" = 50'	Proj No 0579	
Drn By J.C.	Date 3-7-80	Drawing No.	
Chk By G.K.	Approved	22 OF 27	



AS-BUILD SURVEY  
CERTIFIED BY  
RICHARD F. LANE  
REG. LS  
# 301  
11-6-86

5-11-88 AS-BUILD

F-81-89



- SEQUENCE OF CONSTRUCTION
1. CERTAIN GRADING PERMIT.
  2. NOTIFY HOWARD COUNTY SEDIMENT CONTROL DIVISION (992-2436) AT LEAST 24 HRS. PRIOR TO BEGINNING GRADING.
  3. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
  4. CLEAR AREAS OF SEDIMENT CONTROL STRUCTURES ONLY.
  5. INSTALL SEDIMENT CONTROL PONDS, STONE OUTLET STRUCTURES, SEDIMENT TRAPS, STRAW-BALE DIXES, PERIMETER DIXES, SILT FENCES AND CLEAN WATER INLETS AND STABILIZE AS PER TEMPORARY SEEDING NOTES. INSTALL STORM DRAIN SYSTEM FROM S10 TO I-31 (FOR PIPE SIZES AND INLET TYPES SEE DRAWING NO. 7).
  6. ROUGH GRADE SITE WITHIN LIMITS SHOWN.
  7. INSTALL SEWER, WATER AND STORM DRAINS. BLOCK ALL INLETS AND REPAIR SEDIMENT CONTROL DEVICES.
  8. ALL DISTURBED AREAS SHALL BE STABILIZED AS PER TEMPORARY SEEDING NOTES.
  9. AFTER CONSTRUCTION IS COMPLETED AND UPON APPROVAL OF HOWARD SOIL CONSERVATION DISTRICT, ALL SEDIMENT CONTROL FACILITIES SHALL BE REMOVED AND AREAS STABILIZED AS PER PERMANENT SEEDING NOTES.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*Ray J. Reekin* 6-26-81  
U.S. Soil Conservation Service Date

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *William Thorne* 6-26-81  
Howard S.C.D. Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John W. Ranocchia, Sr.* 5-22-81  
John W. Ranocchia, Sr. (No. 10551) Date

CERTIFICATION BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Joseph H. Rickett, Jr.* 5-22-81  
Joseph H. Rickett, Jr. Date

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*William E. Ray* 7/1/81  
Chief, Bureau of Engineering Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Shull Messerhan* 6-30-81  
Chief, Division of Land Development and Zoning Administration Date

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
SECTION 2, AREA 3, PHASE III  
6th ELECTION DISTRICT HOWARD COUNTY, MD

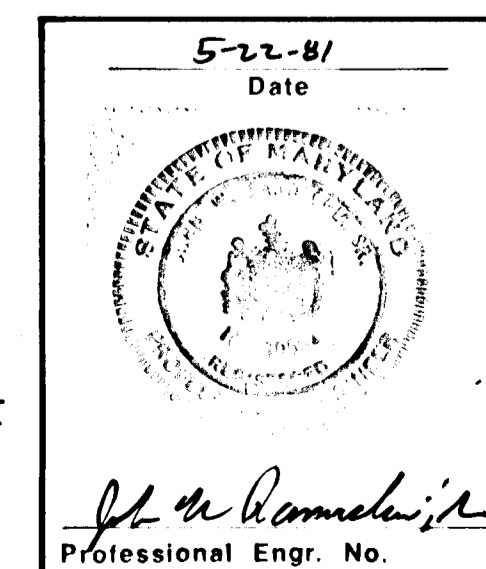
OWNER AND DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
THE ROUSE COMPANY  
COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA  
TAX MAP 41 & 42  
PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
**SEDIMENT CONTROL PLAN**

Des By JWR	Scale 1"=100'	Proj No 0570
Drn By TD	Date 1/29/81	Drawing No. 23 OF 27
Chk By GPM	Approved	



BOARD OF COUNTY COMMISSIONERS L 490 / 37.0

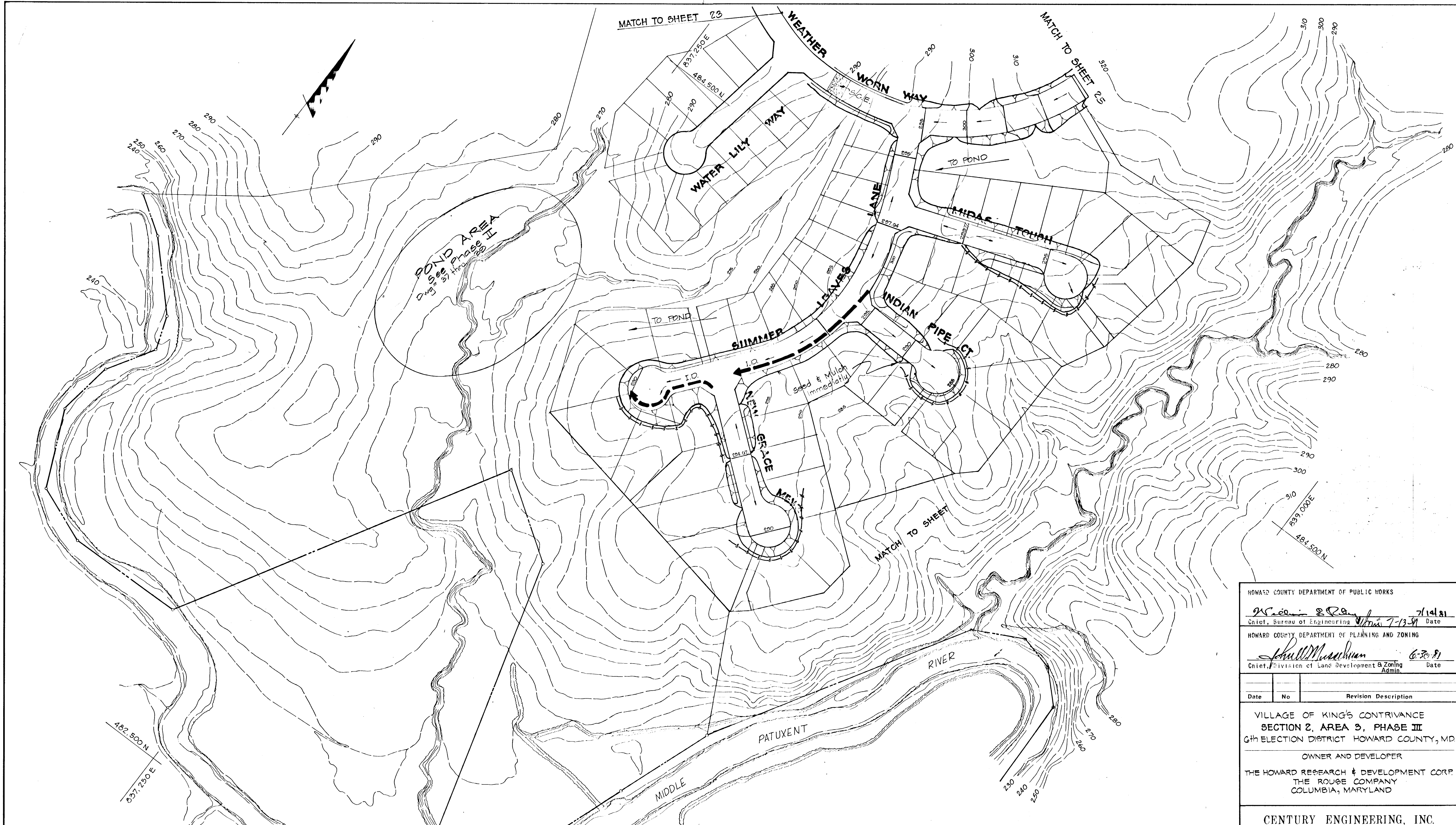
HOWARD COUNTY L 525 / F 107

JANET W. PHELPS 7/29/81

BRUNING 44132 28586

For Pond Plans See Phase II Dwg. # 37 thru 39

7-23-81



THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL, EROSION AND SEDIMENT CONTROL.

*Sam J. Keenan* 6-26-81  
 Chief, Soil Conservation Service Date

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *Howard S.C.D.* 6-26-81  
 Date

4415

CERTIFICATION BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Joseph H. Necker, Jr.* 5-22-81  
 Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John W. Ranocchia, Sr.* 5-22-81  
 Date  
 (No. 10551)

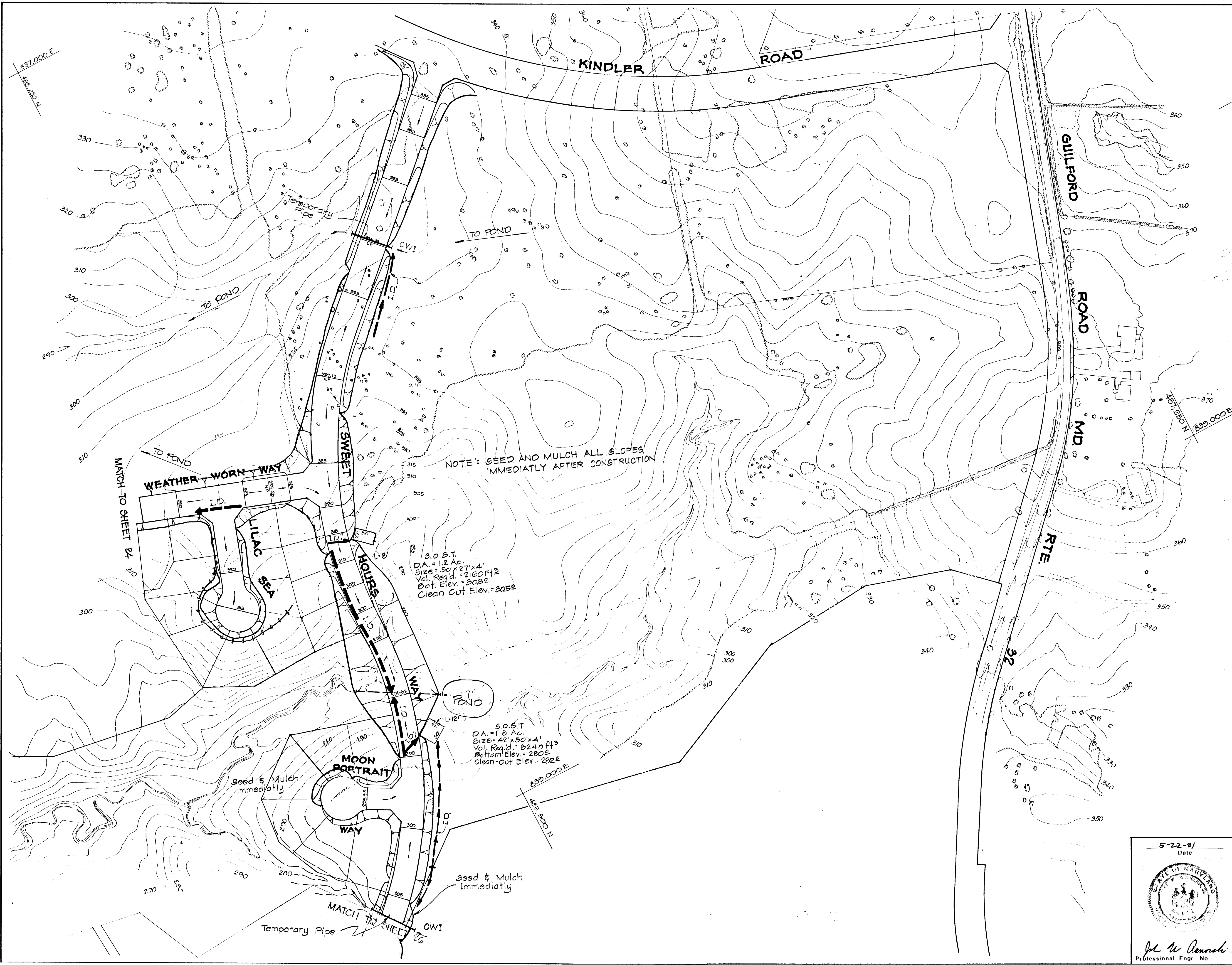
5-22-81  
 Date

*John W. Ranocchia, Sr.*  
 Professional Engr. No.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
<i>W. Keenan</i>	<i>W. Keenan</i>	7/14/81
Chief, Bureau of Engineering Date		
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		
<i>Shull M. Marshall</i>	<i>Shull M. Marshall</i>	6-30-81
Chief, Division of Land Development & Zoning Admin. Date		
Date	No.	Revision Description
VILLAGE OF KING'S CONTRIVANCE SECTION 2, AREA 3, PHASE III 6th ELECTION DISTRICT HOWARD COUNTY, MD		
OWNER AND DEVELOPER THE HOWARD RESEARCH & DEVELOPMENT CORP. THE ROUSE COMPANY COLUMBIA, MARYLAND		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 & 42 PARCELS 13, 54 PART OF 5, 258, 17		
TITLE <b>SEDIMENT CONTROL PLAN</b>		
Des By JWR	Scale 1"=100'	Proj No. 0570
Des By TD	Date 1/21/81	Drawing No.
Chk By GPM	Approved	24 OF 27

PRINTING 44-172 28866





THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*David J. Becken* 6-26-81  
U.S. Soil Conservation Service Date

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *William J. Howe* 6-26-81  
Howard S.C.D. Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John W. Ranocchia, Sr.* 5-22-81  
John W. Ranocchia, Sr. (No. 10551) Date

CERTIFICATION BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Joseph H. Necker, Jr.* 5-22-81  
Joseph H. Necker, Jr. Date

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*William E. Rau* 7/19/81  
Chief, Bureau of Engineering Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*William M. ...* 6-20-81  
Chief, Division of Land Development & Zoning Admin Date

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
SECTION 2, AREA 3, PHASE III  
6th ELECTION DISTRICT HOWARD COUNTY, MD.

OWNER AND DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
THE ROUSE COMPANY  
COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

AREA TAX MAPS 41 AND 42  
PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
**SEDIMENT CONTROL PLAN**

Des By	Scale 1"=100'	Proj No 0570
Drn By	Date	Drawing No.
Chk By	Approved	03 OF 07

5-22-81  
Date

*John W. Ranocchia, Sr.*  
Professional Engr. No.

15  
11/15



THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*Ray J. Beckman* 6-26-81  
 U.S. Soil Conservation Service Date

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *Wm. J. Rowe* 6-26-81  
 Howard S.C.D. Date

CERTIFICATION BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John W. Ranocchia, Sr.* 5-22-81  
 John W. Ranocchia, Sr. (No. 10551) Date

CERTIFICATION BY THE DEVELOPER:  
 "I HAVE CERTIFIED THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Joseph H. Necker, Jr.* 5-22-81  
 Joseph H. Necker, Jr. Date

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*William E. Ryan* 7-14-81  
 Chief, Bureau of Engineering Date

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Phillip M. ...* 6-3-81  
 Chief, Division of Land Development and Zoning Administration Date

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
 SECTION 2, AREA 3, PHASE III  
 6th ELECTION DISTRICT HOWARD COUNTY, MD.

OWNER AND DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT CORP.  
 THE ROUSE COMPANY  
 COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21204

AREA  
 TAX MAPS 41 AND 42  
 PARCELS 13, 54 PART OF 5, 358, 17

TITLE  
**SEDIMENT CONTROL PLAN**

Des By G.P.M. Scale 1"=100' Proj No 0579  
 Drn By T.D. Date 1/22/81 Drawing No. 26 OF 27  
 Chk By J.W.R. Approved

5-1-81  
 Date

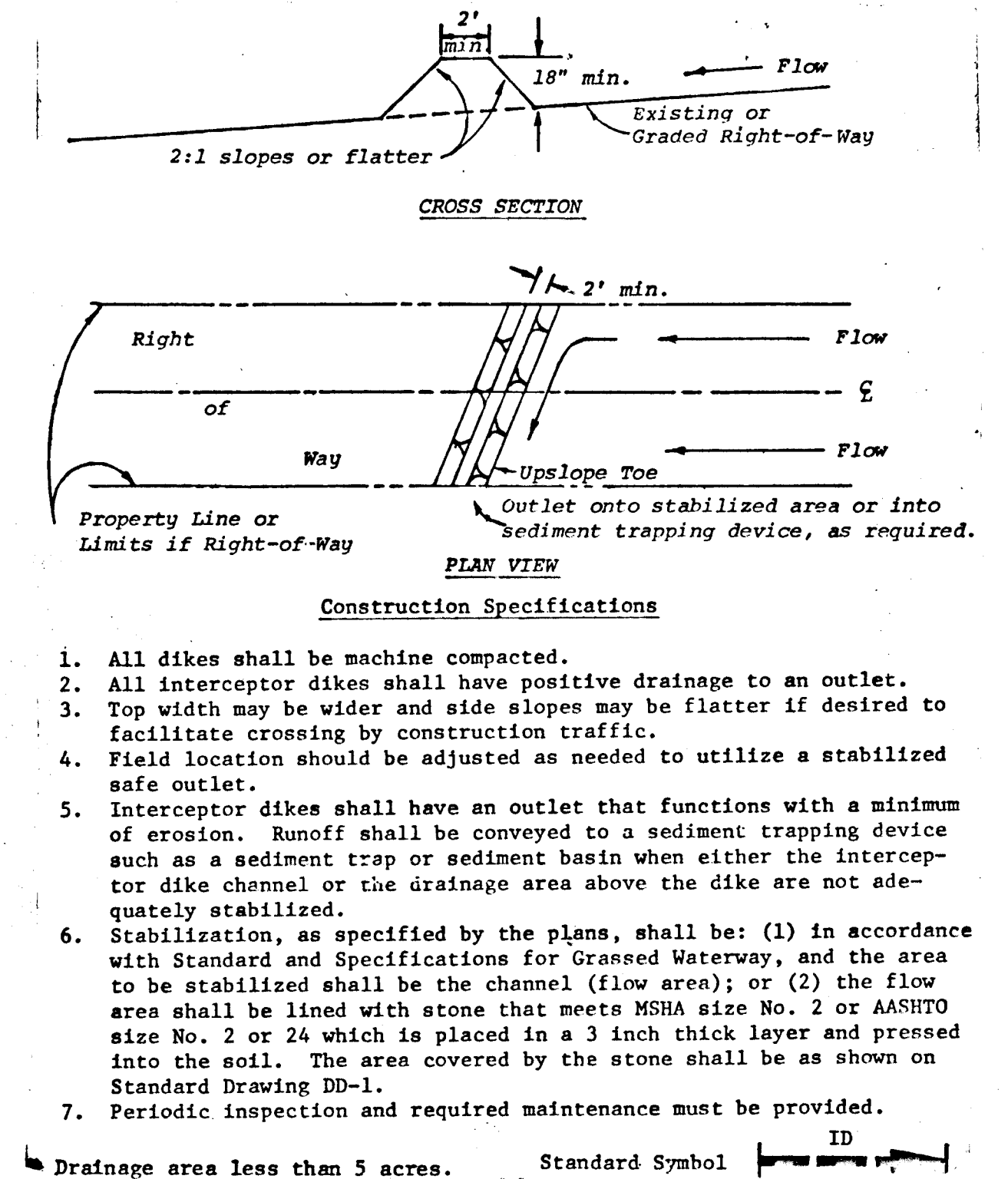
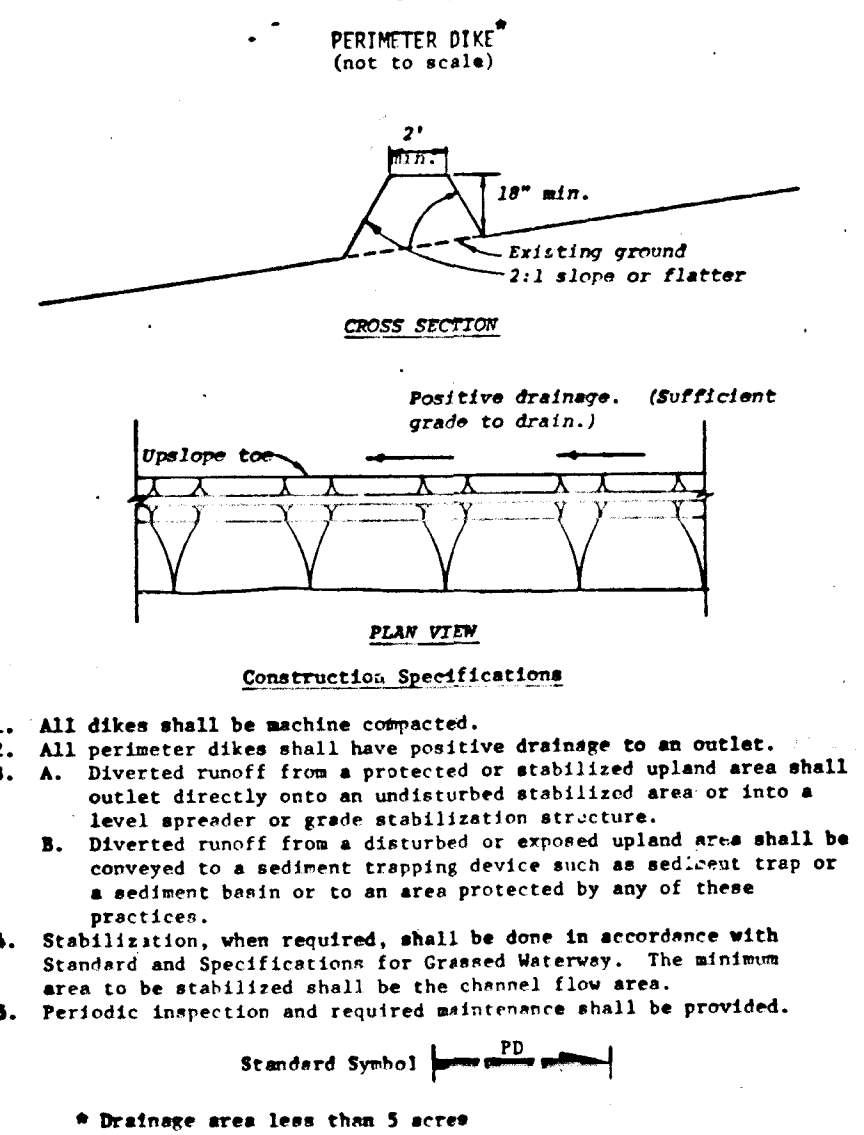
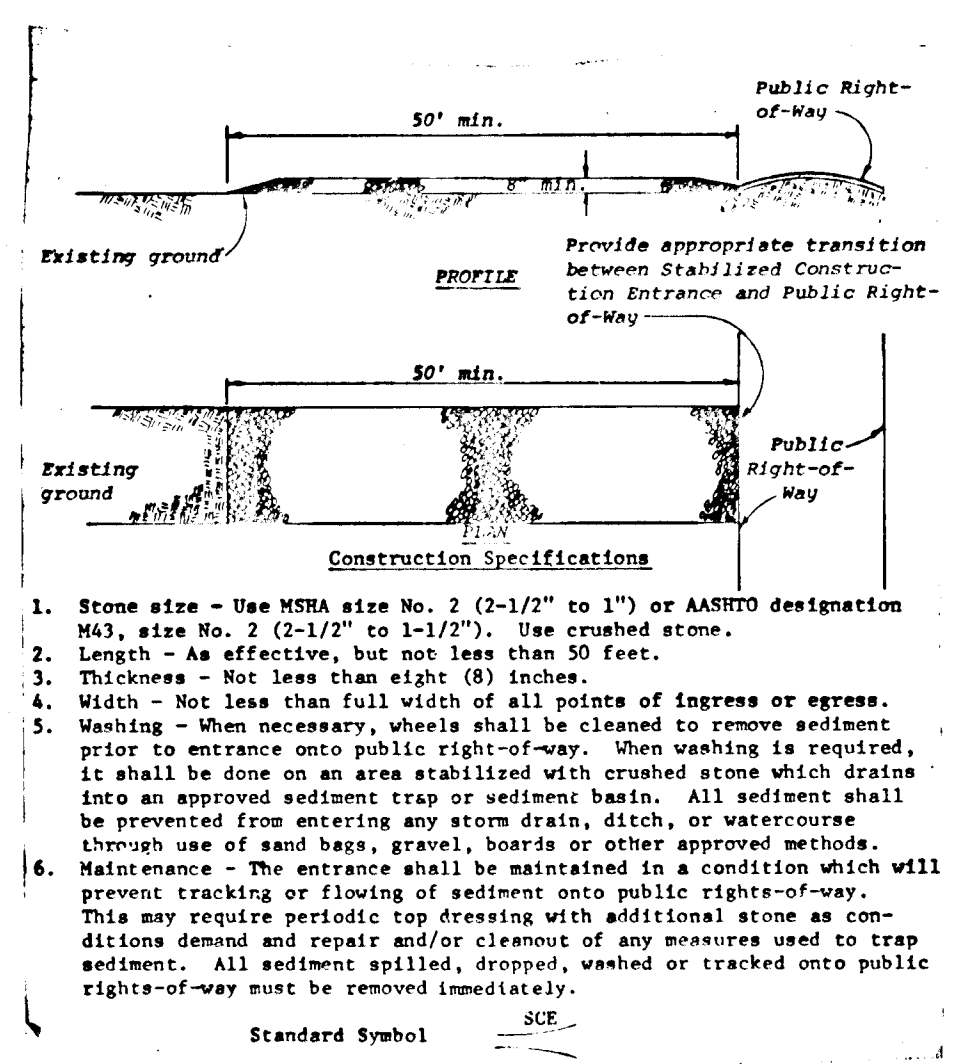
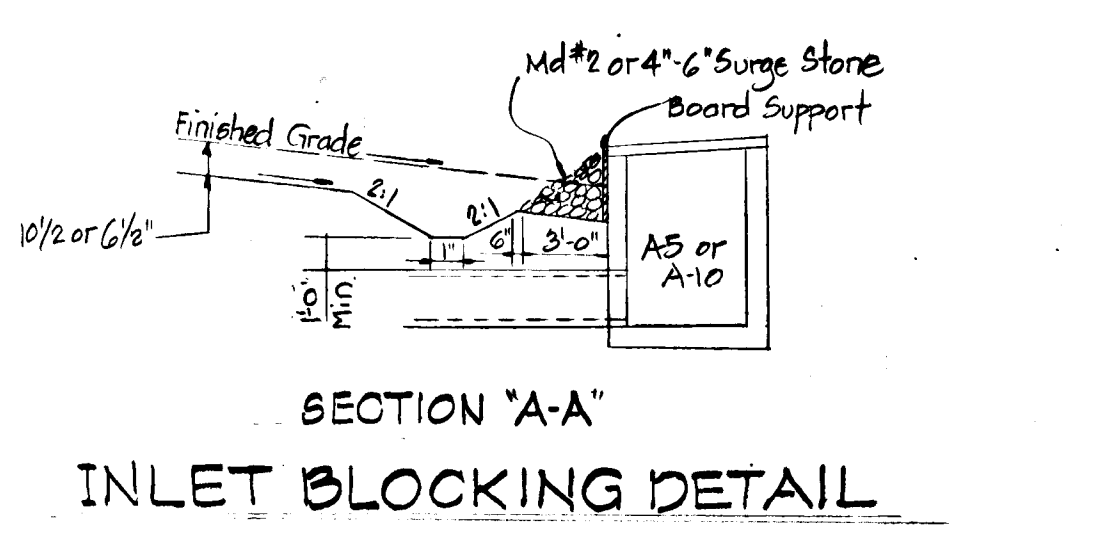
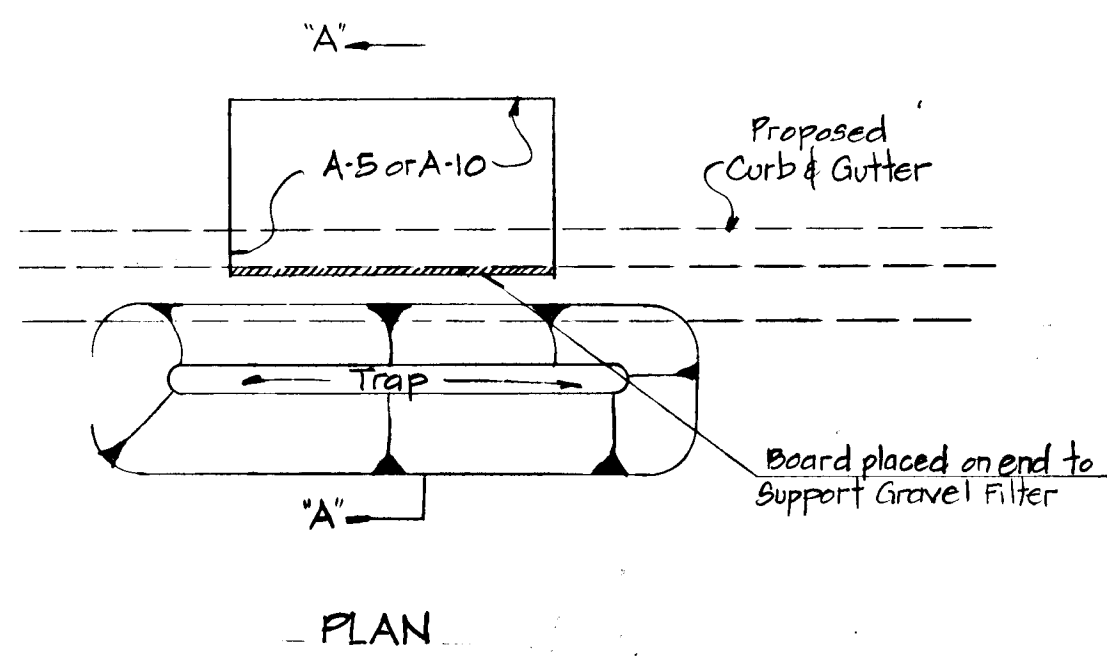
*John W. Ranocchia, Sr.*  
 Professional Engr. No.

BRUNING 44-132 28586

7-81-67

SEDIMENT CONTROL CONSTRUCTION NOTES  
GENERAL NOTES

1. A MINIMUM 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2070)
2. ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
3. SITE GRADING WILL BEGIN ONLY AFTER PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
4. ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
5. SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THE PLANS.
6. FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
7. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
8. REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
9. SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.
10. BLOCK ALL 'A' TYPE INLETS WITH SAND-BAGS TO PREVENT SILT FROM ENTERING STORM DRAIN.
11. BLOCK ALL COMBINATION INLETS WITH 3/4" PLYWOOD BOLTED TO GRATE AND SUFFICIENT TO ADEQUATELY COVER OPENING. ALSO USE SAND-BAGS TO SEAL OUT SILT AT ANY SEAM AND CURB OPENING.
12. SECTIONS OF SILT FENCE DISTURBED BY STORM DRAIN CONSTRUCTION WILL BE REPAIRED IMMEDIATELY AND ALL AREAS OF STORM DRAIN CONSTRUCTION BELOW SEDIMENT CONTROL DEVICES WILL BE STABILIZED IMMEDIATELY.

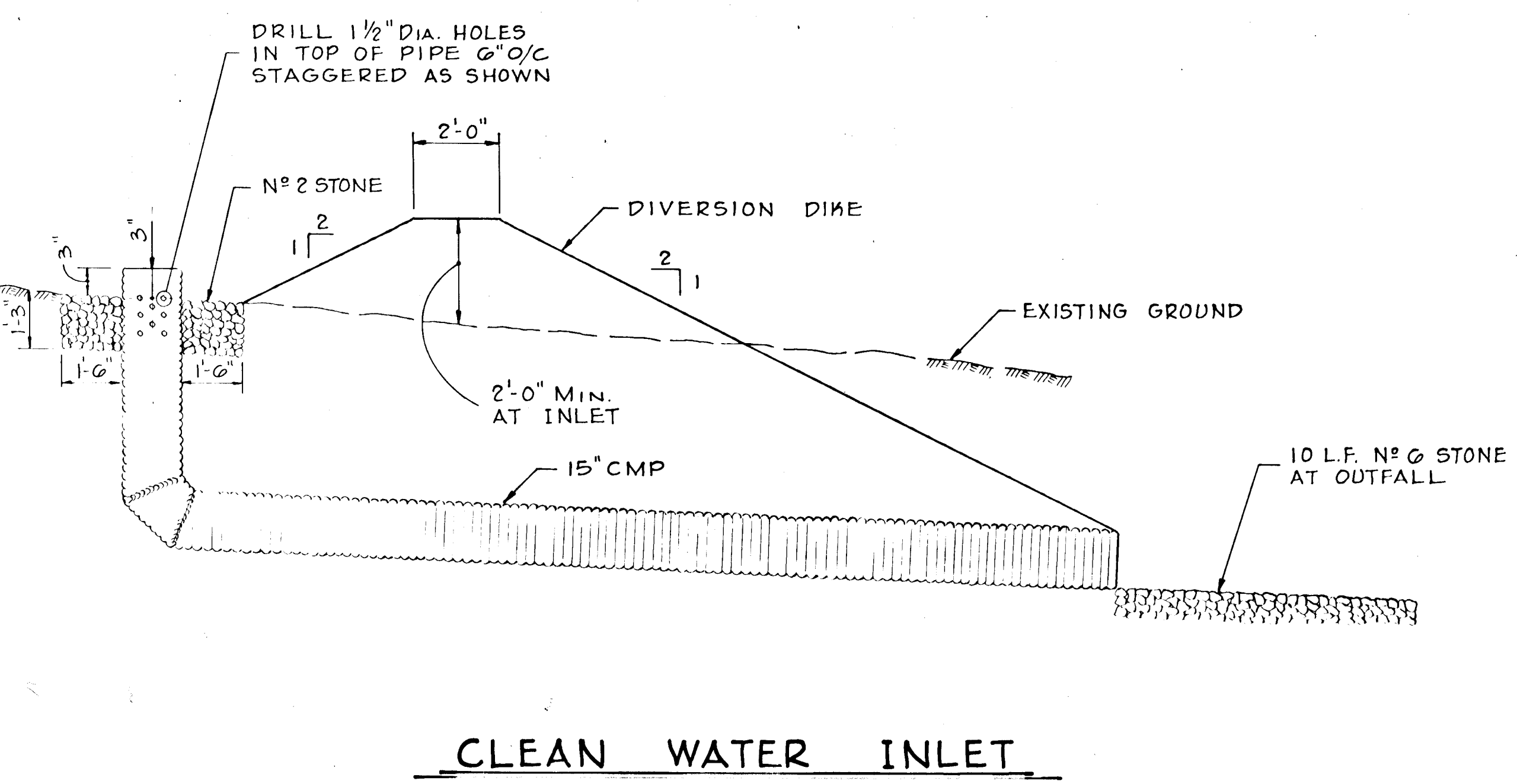
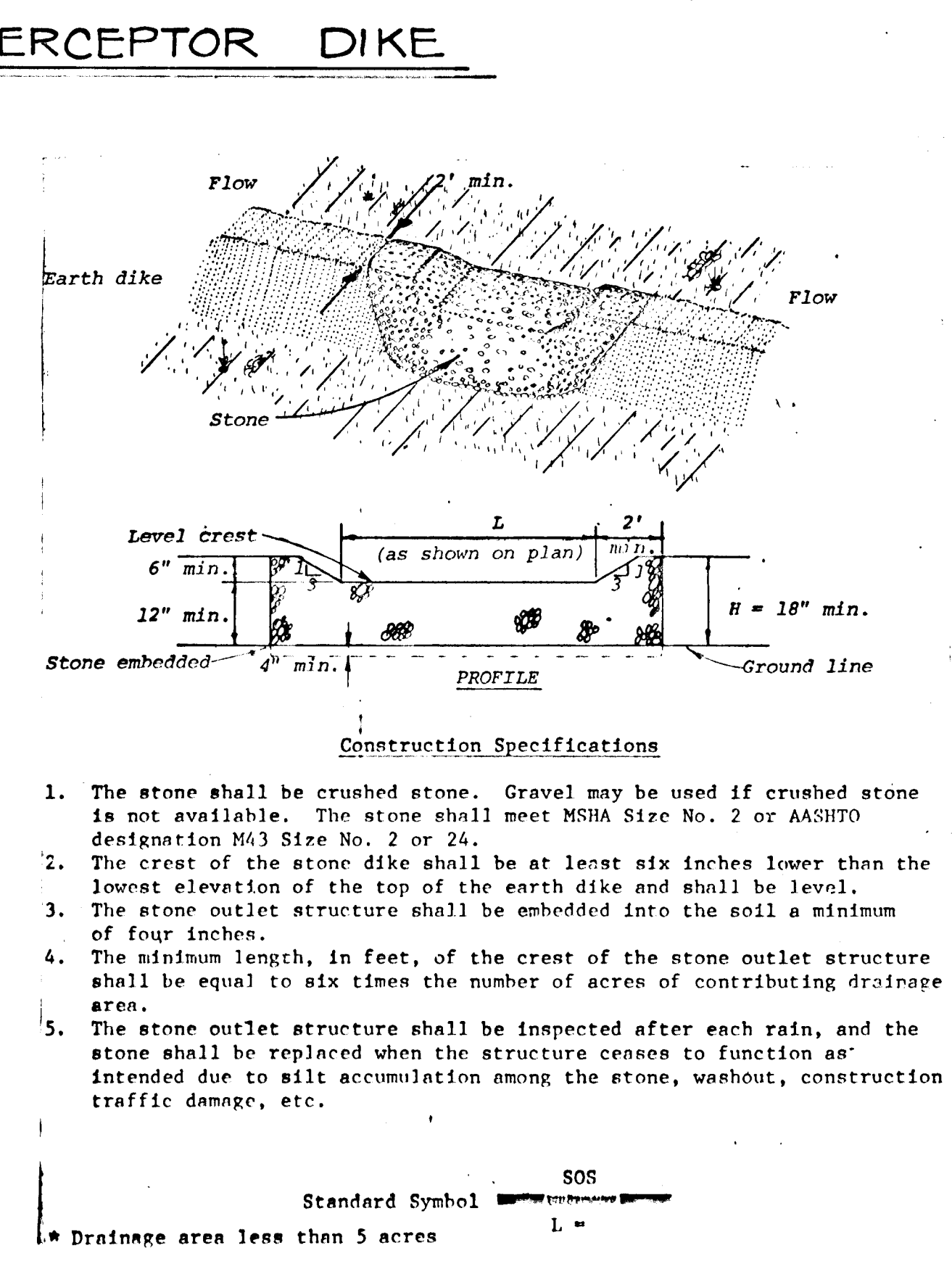
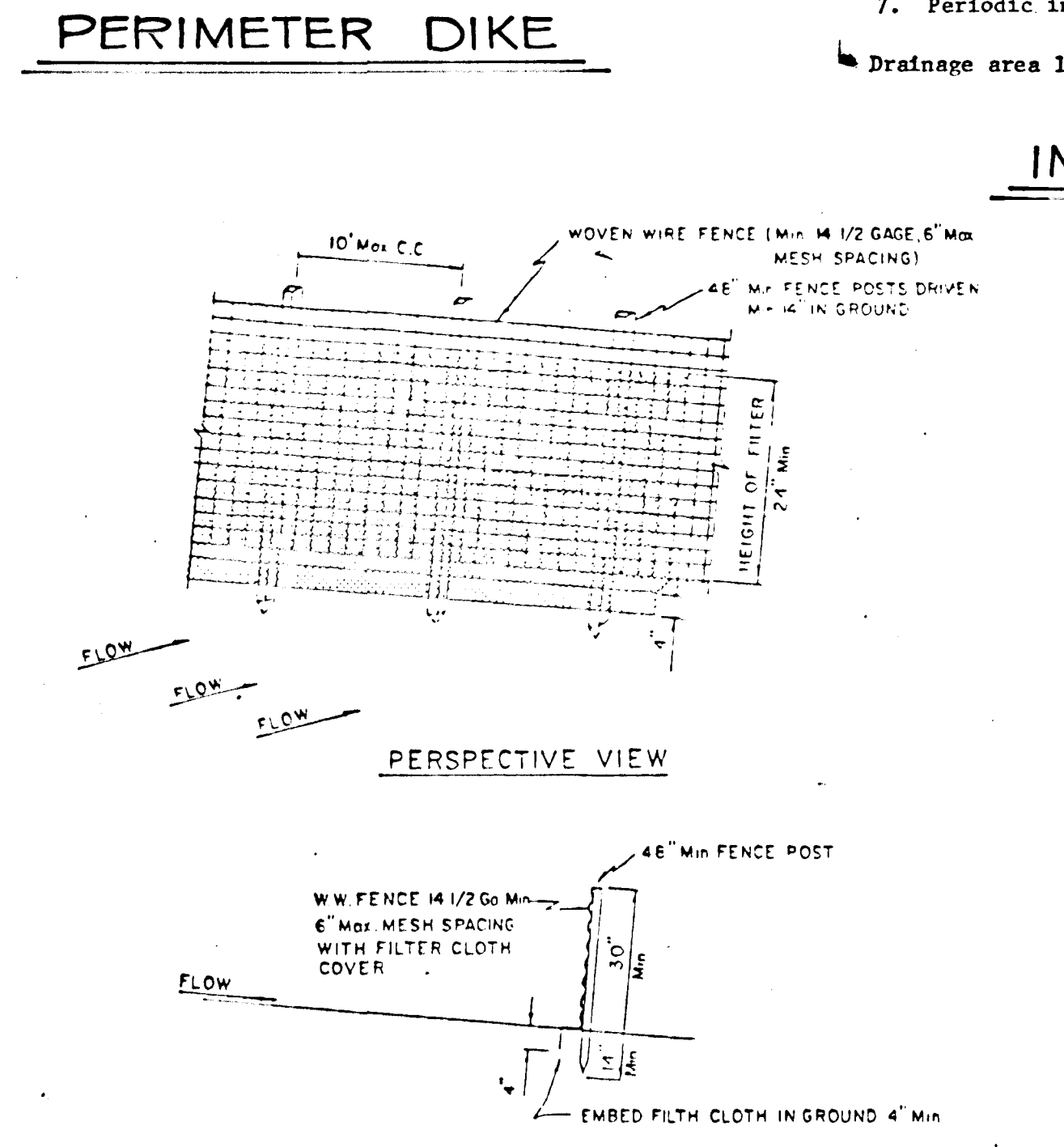


TEMPORARY SEEDING  
AREA TO BE SEEDING SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING, RAKING OR OTHER ACCEPTABLE MEANS.

1. APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
2. WHERE SOIL IS KNOWN TO BE HIGHLY ACIDIC, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON PER ACRE.
3. WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL BLYGRASS.
4. MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A OUTBACK ASPHALT OR DOLUSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

PERMANENT SEEDING  
FINAL STABILIZATION WILL TAKE PLACE AS SOON AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:

1. APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TON PER ACRE IF APPLICATION OF ONE TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
2. APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE. NARROW OR DISC LINE AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LAMS OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 30-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
3. SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS 40 LBS. PER ACRE; RED FESCUE, PENNLAN OR JAMESTOWN 20 LBS. PER ACRE.
4. MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ANCHOR WITH A OUTBACK ASPHALT OR DOLUSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.



DEPARTMENT OF PUBLIC WORKS		
<i>William E. Rowe</i> 7/14/81 CHIEF, BUREAU OF ENGINEERING DATE		
OFFICE OF PLANNING AND ZONING		
<i>John M. Muschler</i> 6/30/81 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING DATE		
THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.		
APPROVED: <i>William E. Rowe</i> 6/26/81 HOWARD S.O.D. DATE		
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.		
<i>Samuel J. Parkman</i> 6/26/81 U.S. Soil Conservation Service DATE		
Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE  
Section 2, Area 3, Phase III  
6th Election District of Howard County, Maryland

OWNER AND DEVELOPER  
THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
THE ROUSE COMPANY BLDG.  
Columbia, Maryland

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

Des By	G.P.M.	Scale	NO SCALE	Proj No	0579
Des By	I.D.	Date	3-7-80	Drawing No.	27 OF 27
Chk By	G.P.M.	Approved			

CERTIFICATION BY THE DEVELOPER:  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Joseph H. Necker, Jr.*  
JOSEPH H. NECKER, JR. DATE 5-22-81

CERTIFICATION BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John W. Ranocchia, P.E.*  
JOHN W. RANOCCHIA - P.E. 10551 DATE 4/1/80

3/7/80  
Date  
*John W. Ranocchia, P.E.*  
Professional Engr. No. 12541