

# COLUMBIA

ELECTION DISTRICT 5

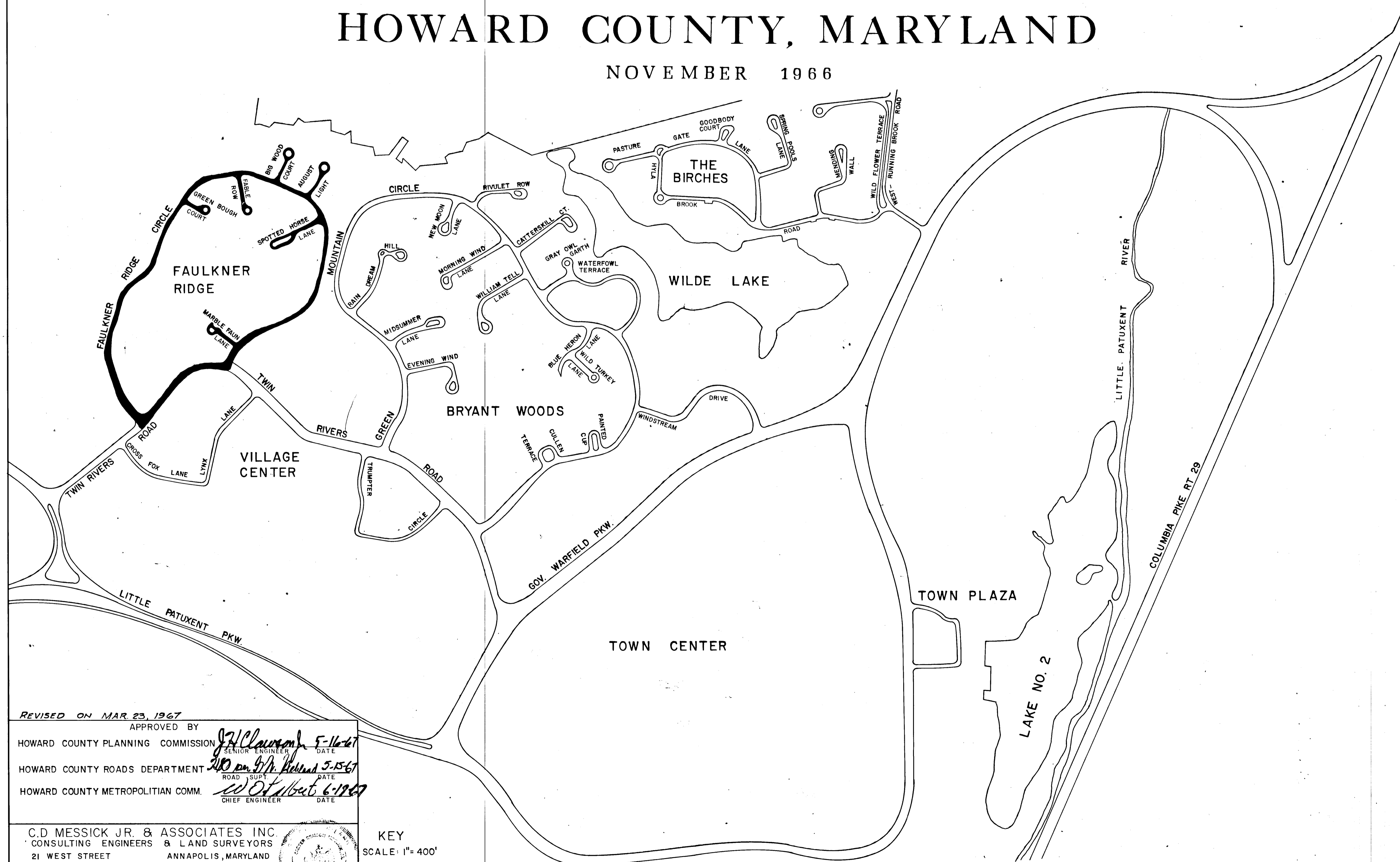
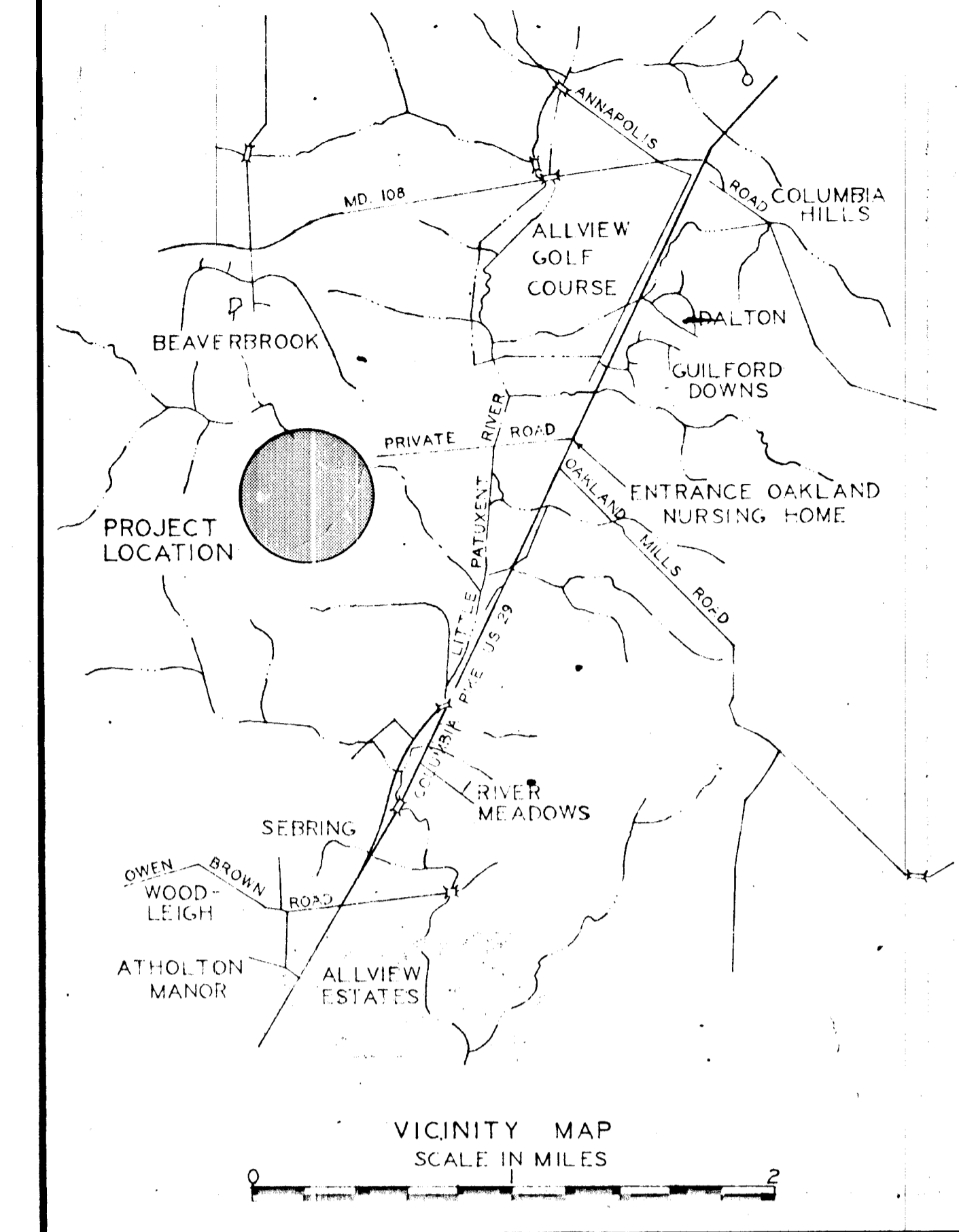
## VILLAGE OF WILDE LAKE

SECTION 5

### FAULKNER RIDGE

### HOWARD COUNTY, MARYLAND

NOVEMBER 1966



INDEX		
DESCRIPTION	STREET NAME	DRAWING NO.
TITLE SHEET		1
TYPICAL SECTION		2
PLAN & PROFILE	TWIN RIVERS RD.	3
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PLAN & PROFILE	FAULKNER RIDGE	5,6
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DRAINAGE DETAILS	FAULKNER RIDGE CIRCLE	12-17

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY  
DATE MAY 16 1967

*J. J. [Signature]*

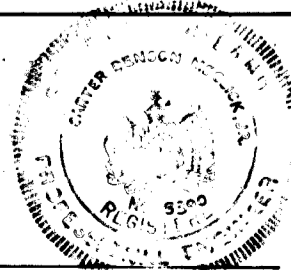
OWNER:

HOWARD RESEARCH & DEVELOPMENT  
VILLAGE OF CROSS KEYS  
BALTIMORE, MARYLAND 21210

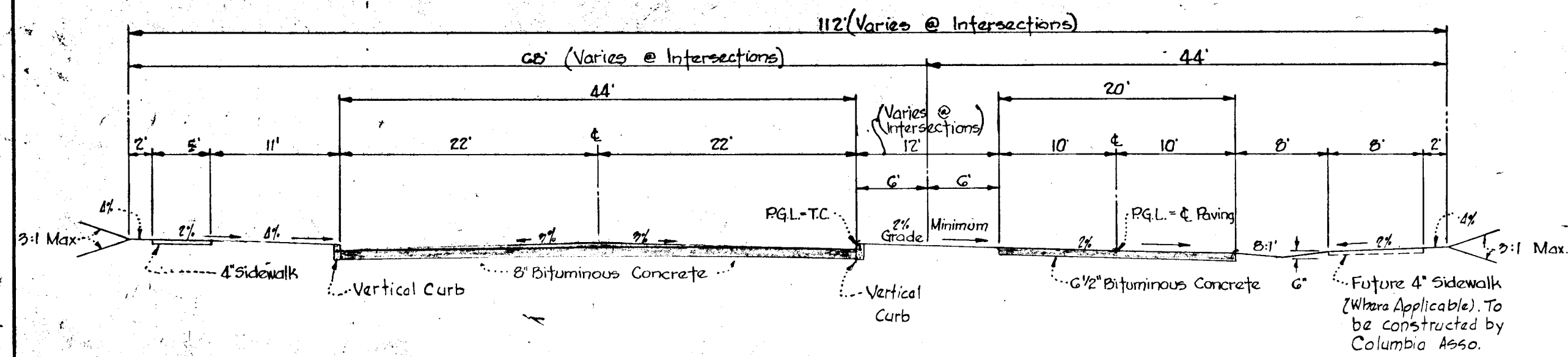
REVISED ON MAR 23, 1967

APPROVED BY  
HOWARD COUNTY PLANNING COMMISSION *J. J. [Signature]* 5-16-67  
HOWARD COUNTY ROADS DEPARTMENT *W. O. [Signature]* 5-15-67  
HOWARD COUNTY METROPOLITAN COMM. *W. O. [Signature]* 6-19-67

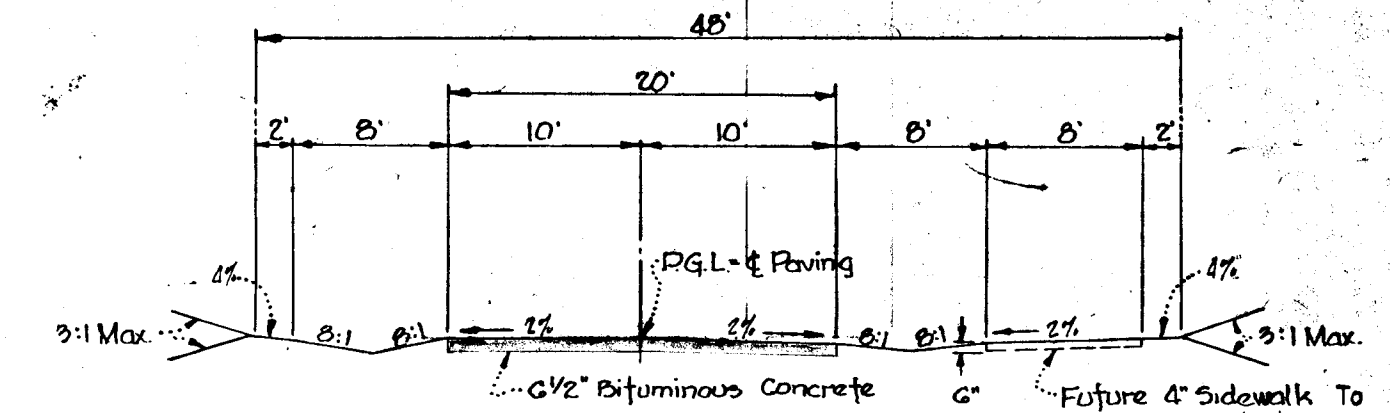
C.D. MESSICK JR. & ASSOCIATES INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND



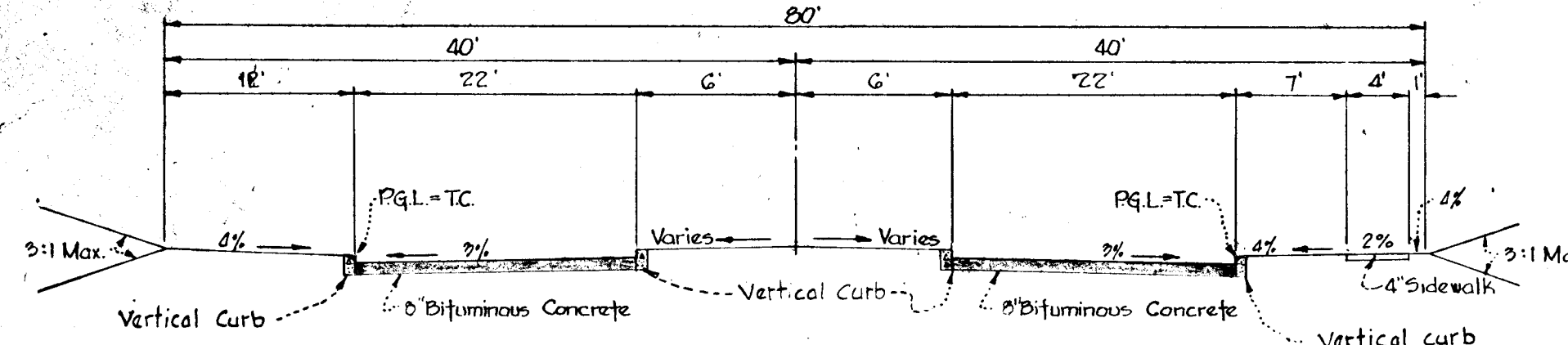
KEY  
SCALE: 1" = 400'



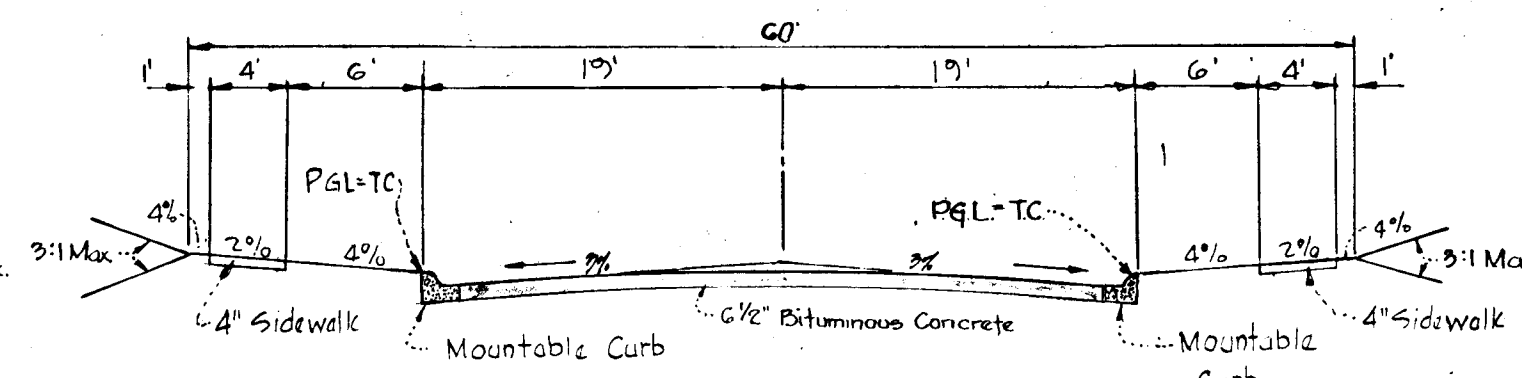
COMBINATION 44' ROAD <sup>4</sup>/<sub>16</sub> 20' BUS ROUTE IN 112' RIGHT-OF-WAY  
DETAIL "A"



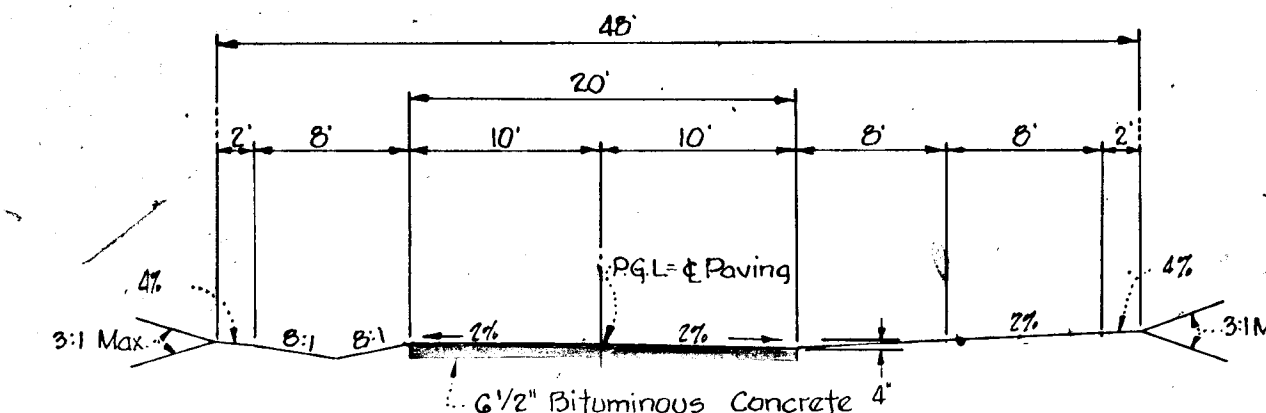
20' BUS ROUTE  
DETAIL "J"



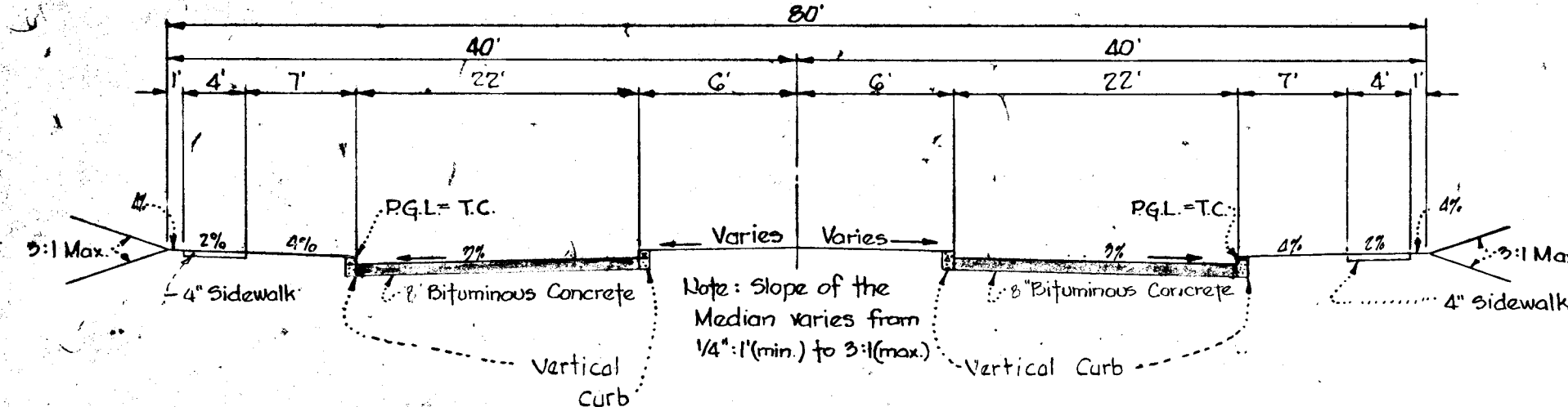
DUAL SECTION - FAULKNER RIDGE CIRCLE  
Sta. 42+46.00 to Sta. 45+79.00  
DETAIL "B"



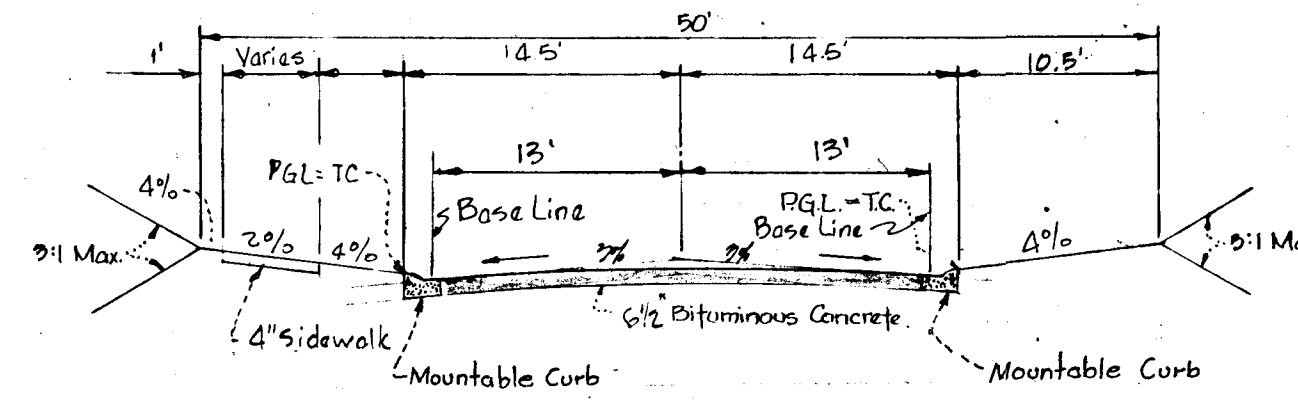
NEIGHBORHOOD STREET  
<sup>4</sup>/<sub>16</sub> COLLECTOR  
DETAIL "F"



20' BUS ROUTE WITHOUT DITCH  
DETAIL "K"



DUAL SECTION - FAULKNER RIDGE CIRCLE  
Sta. 0+32.00 to Sta. 4+81.12  
DETAIL "C"

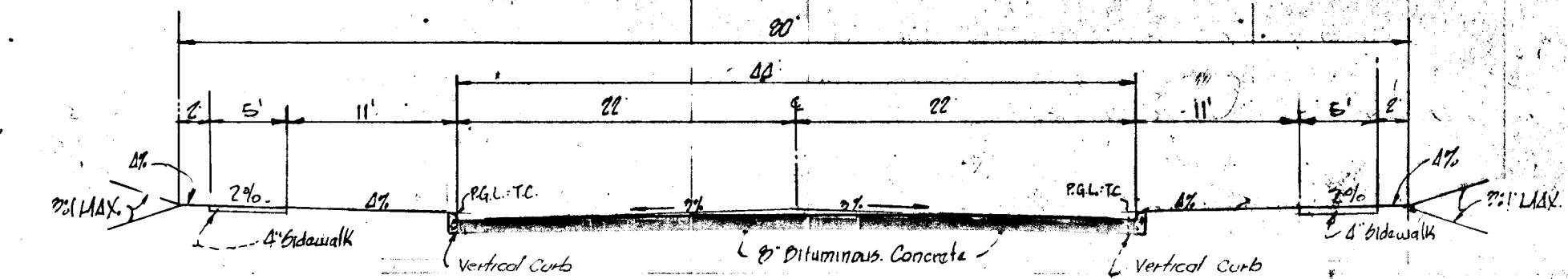


LOCAL LANE  
DETAIL "G"

VARIES  
ALL SIDEWALKS 4' WIDE  
UNLESS OTHERWISE NOTED  
ON THE PLANS

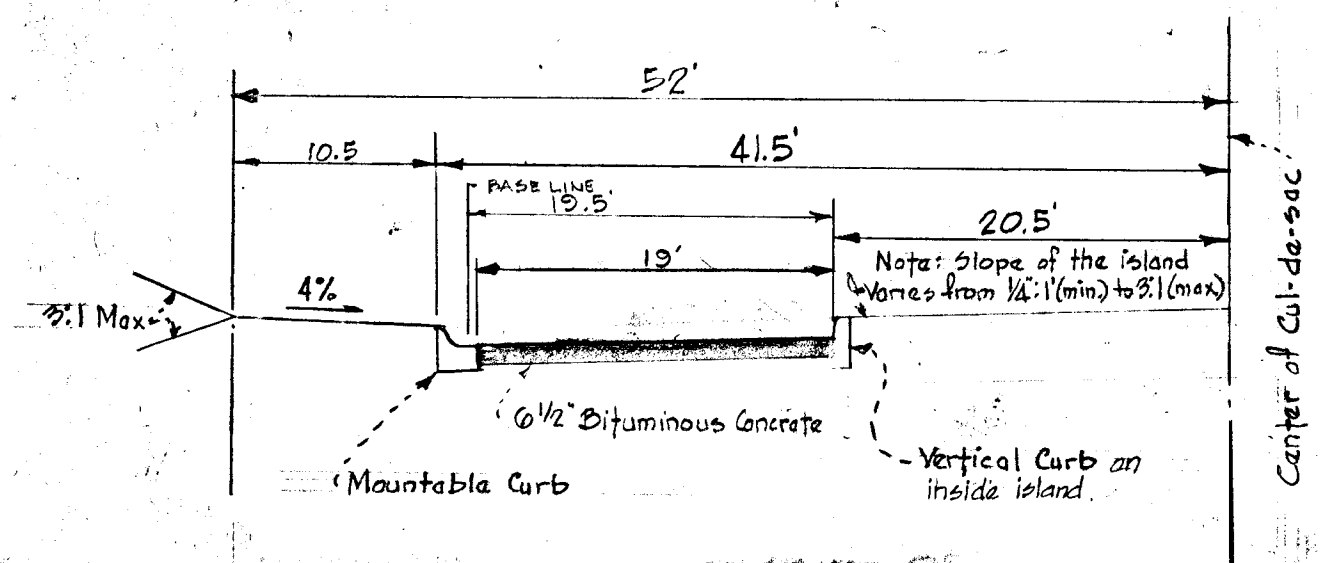
4" CLASS A CONCRETE  
Howard Research & Development  
will construct standard Howard Co.  
Portland Cement concrete sidewalk  
or an alternate design approved by  
Howard County Roads Department.

SIDEWALK  
NO SCALE

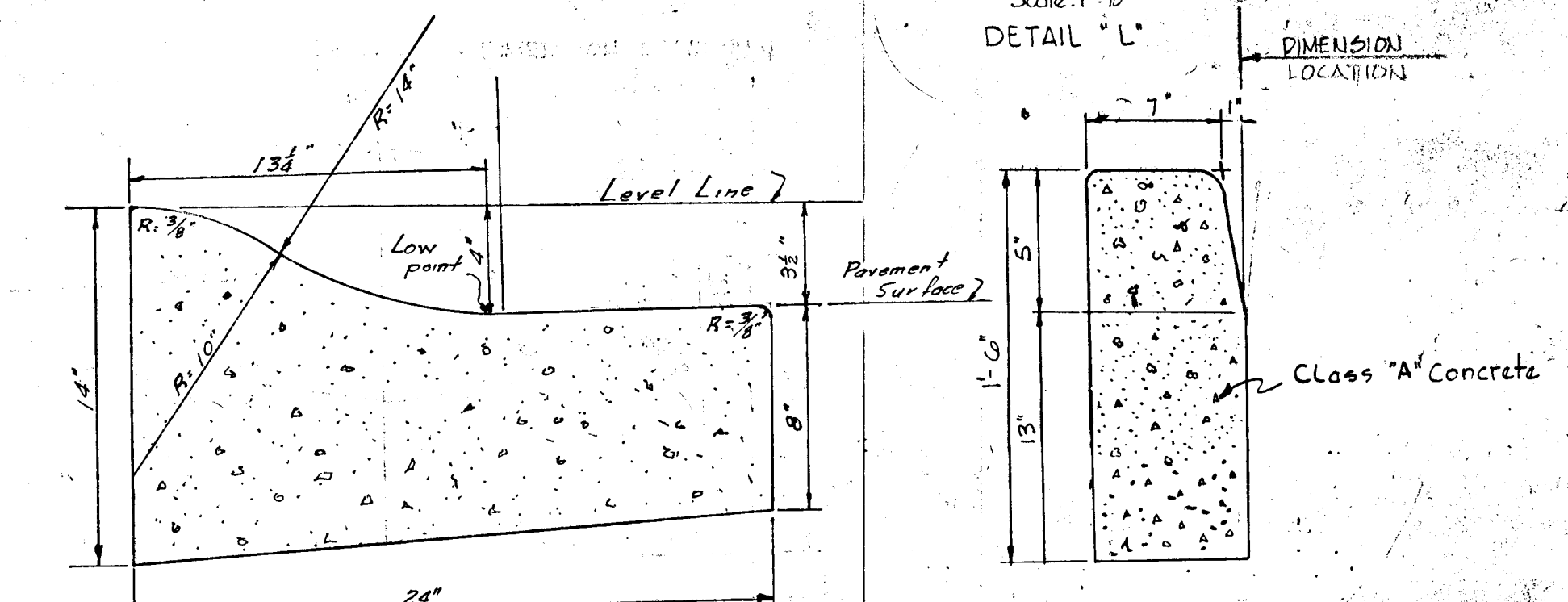


44' ROAD SECTION  
Scale: 1" = 10'  
DETAIL "L"

NOTE "A"  
WIDTH & RADII DIMENSIONS TO CURBS ON ROAD PLANS REFER TO:  
1. FACE OF CURB ON VERTICAL CURBS.  
2. BACK OF CURB ON MOUNTABLE CURBS.



TYPICAL CUL-DE-SAC  
SECTION



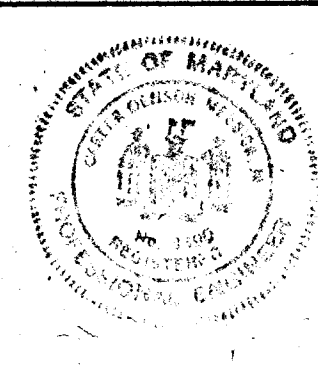
Mountable Curb shall be in accordance with Howard Co.  
Road Construction Code and Specifications, or approved  
equal, such as Montgomery Co. Mountable Curb.  
MOUNTABLE CURB

VERTICAL CURB  
DETAIL "M"

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 165C

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. D114 Page 165d.

C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. Messick Jr. 6/23/66  
C.D. MESSICK JR. P.E. NO. 3390 DATE



1. REVISE ROAD SECTIONS BY: J.A.S. DATE: 6-1-66

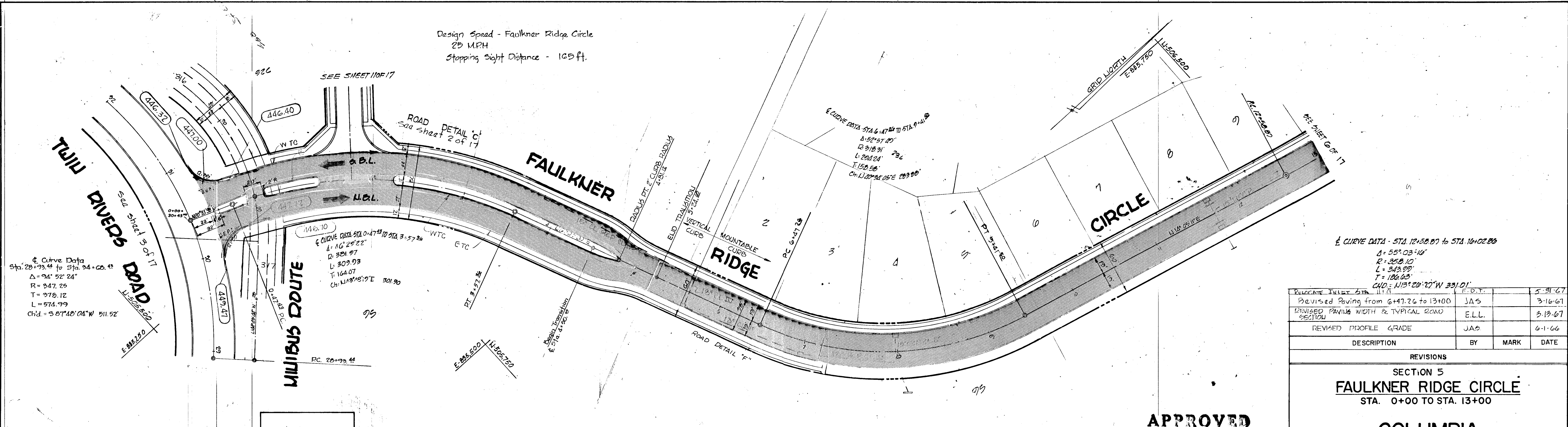
TYPICAL SECTIONS  
FAULKNER RIDGE CIRCLE  
COLUMBIA

SCALE: AS SHOWN DATE: 5-24-66  
DESIGNED BY: J.A.S. TRACED BY: A.R.S.  
CHECKED BY: REL. DRAWING NO.: 2 of 17



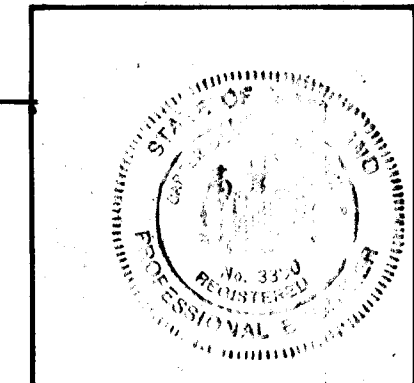


PLAN	DATE
BY	
NO. OF BOOK	NO. OF SHEETS
CHECKED	CHECKED
BY	BY
DATE	DATE



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

C.P. Messick Jr. *[Signature]*  
 C.D. MESSICK JR. - P.E. NO. 3390 DATE 5/21/66



**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE MAY 18 1966

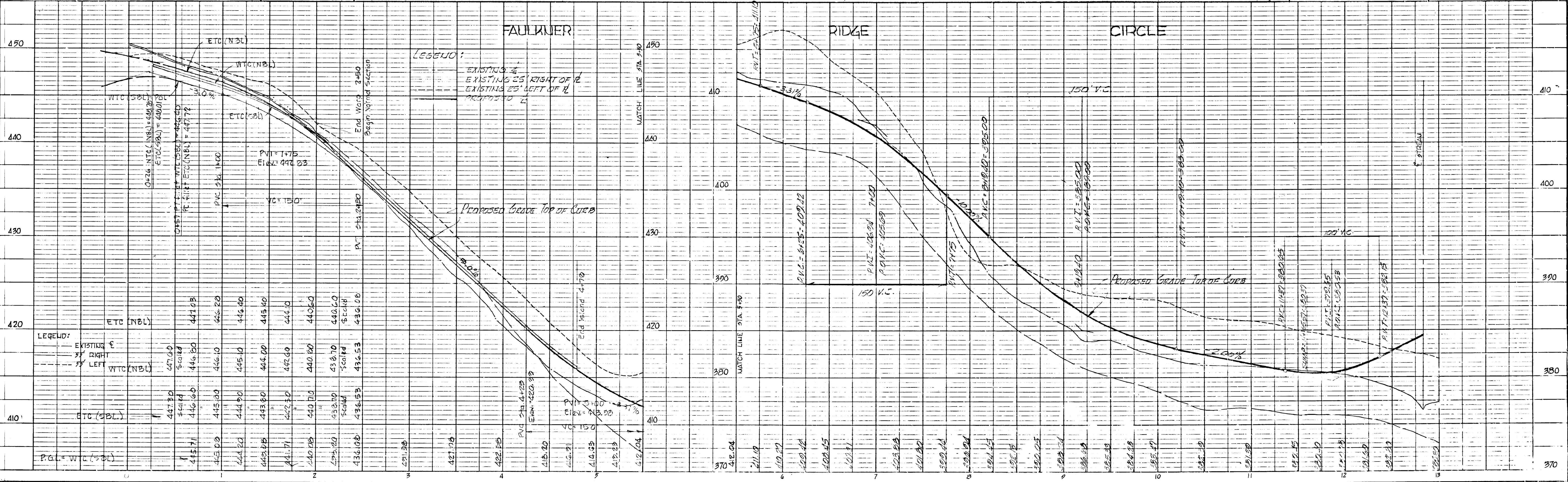
*[Signature]*

REVISIONS	DESCRIPTION	BY	MARK	DATE
1	RELOCATE INLET STR.	JAS		5-31-67
2	Revised Paving from 6+47.26 to 13+00 SECTION	JAS		3-16-67
3	REVISED PAVING WIDTH & TYPICAL SECTION	E.L.L.		3-19-67
4	REVISED PROFILE GRADE	JAS		6-1-66

SECTION 5  
**FAULKNER RIDGE CIRCLE**  
 STA. 0+00 TO STA. 13+00

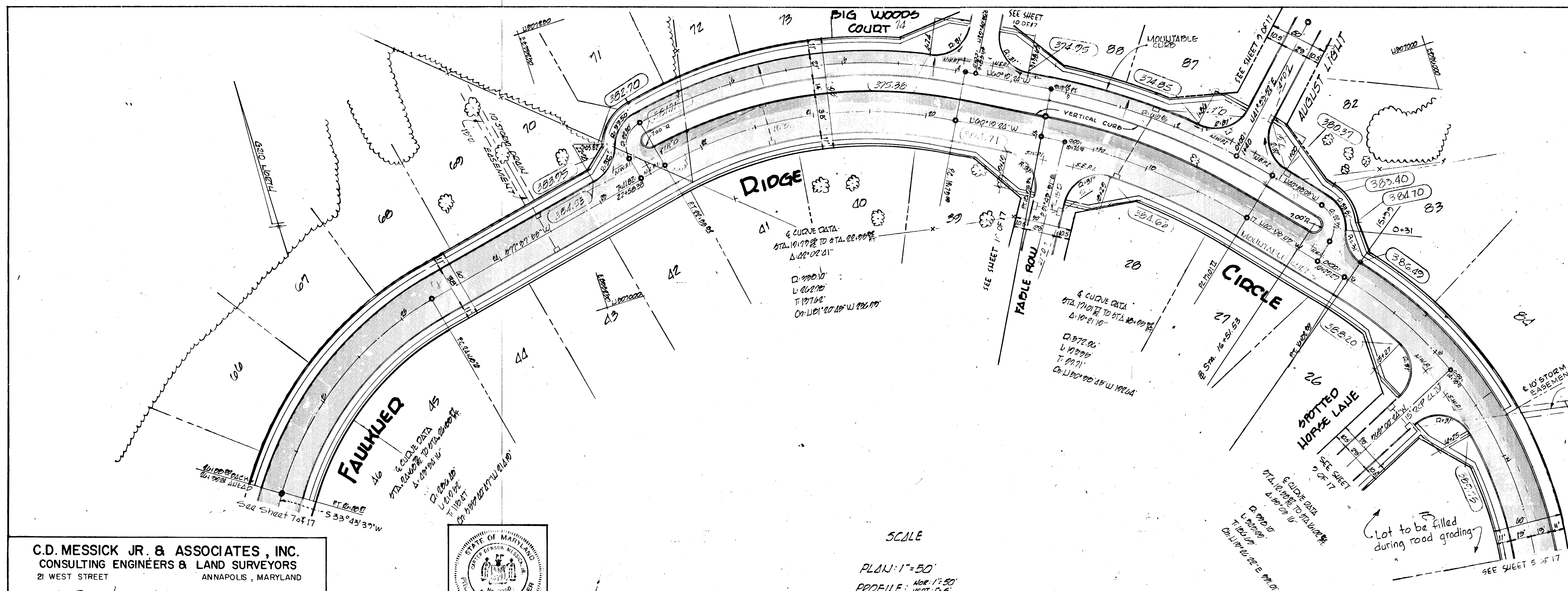
**COLUMBIA**  
 FAULKNER RIDGE CIRCLE  
 ROAD PLAN

SCALE: AS SHOWN DATE: 5-21-66  
 DESIGN BY: J.A.S., J.C.S. TRACED BY: A.R.S.  
 CHECKED BY: R.E.L. DRAWING NO. 5 of 17

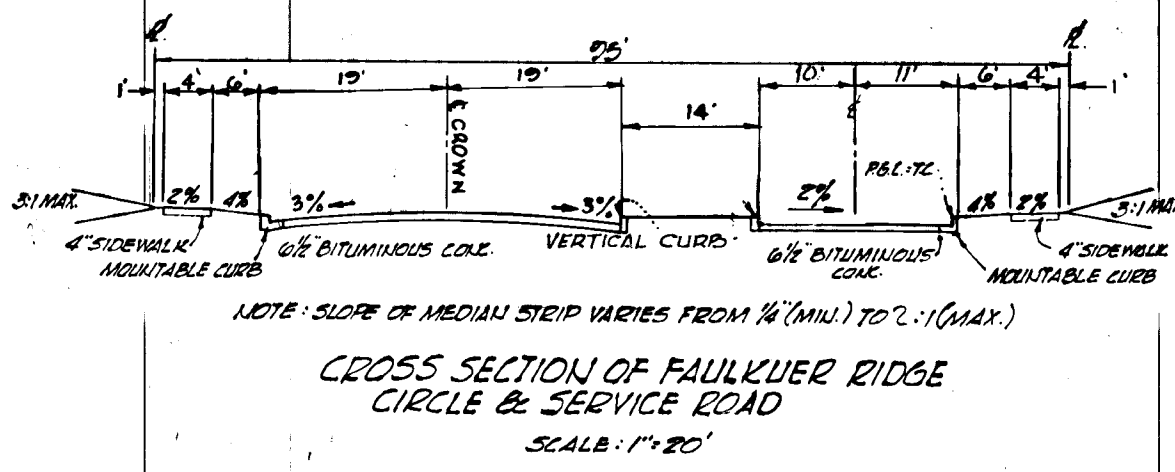


PROFILE	DATE
BY	
NO. OF BOOK	NO. OF SHEETS
CHECKED	CHECKED
BY	BY
DATE	DATE

PLAN  
 DESIGNED BY  
 DATE  
 CHECKED BY  
 NO. OF SHEETS  
 NO. OF WAY CHECKED  
 NO. OF WAY CHECKED



**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE MAY 18 1967  
*J. A. J. C.*

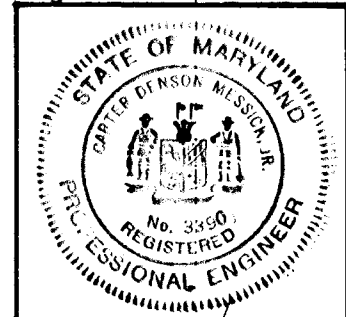


DESCRIPTION	BY	MARK	DATE
MOVE INLET STA 0+96 AUG LIGHT	FD.T		5-21-67
Revised Pavement Width Sta. 16+51 to 22+35	E.J.P.		5-10-67
Revised Island Width	N.J.L.		3-30-67
Revised Paving Width	J.A.S.		3-16-67
REVIS'D PAVING WIDTHS	E.L.L.		3-13-67

REVISIONS  
 SECTION 5  
**FAULKNER RIDGE CIRCLE**  
 STA. 13+00 TO STA. 26+39.04  
**COLUMBIA**  
 FAULKNER RIDGE CIRCLE  
 ROAD PLAN

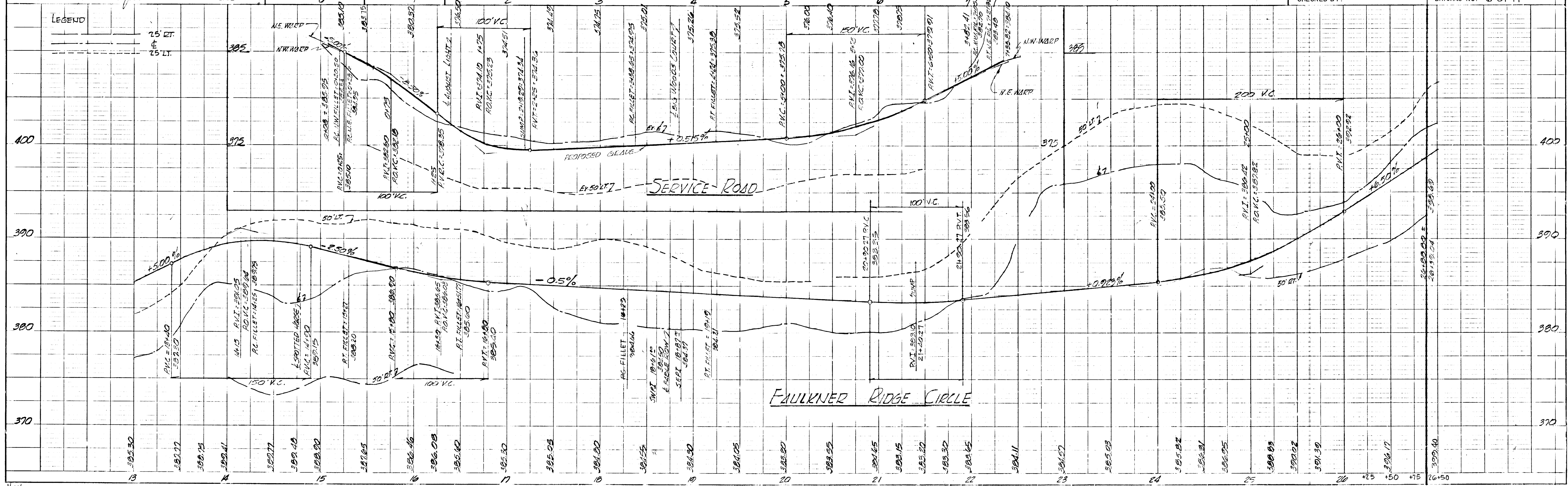
SCALE: AS SHOWN	DATE: 9-29-66
DESIGN BY: J.A.S. J.C.S.	TRACED BY:
CHECKED BY:	DRAWING NO: 6 of 17

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* 11-1-66  
 C.D. MESSICK JR. PE. NO. 3390 DATE

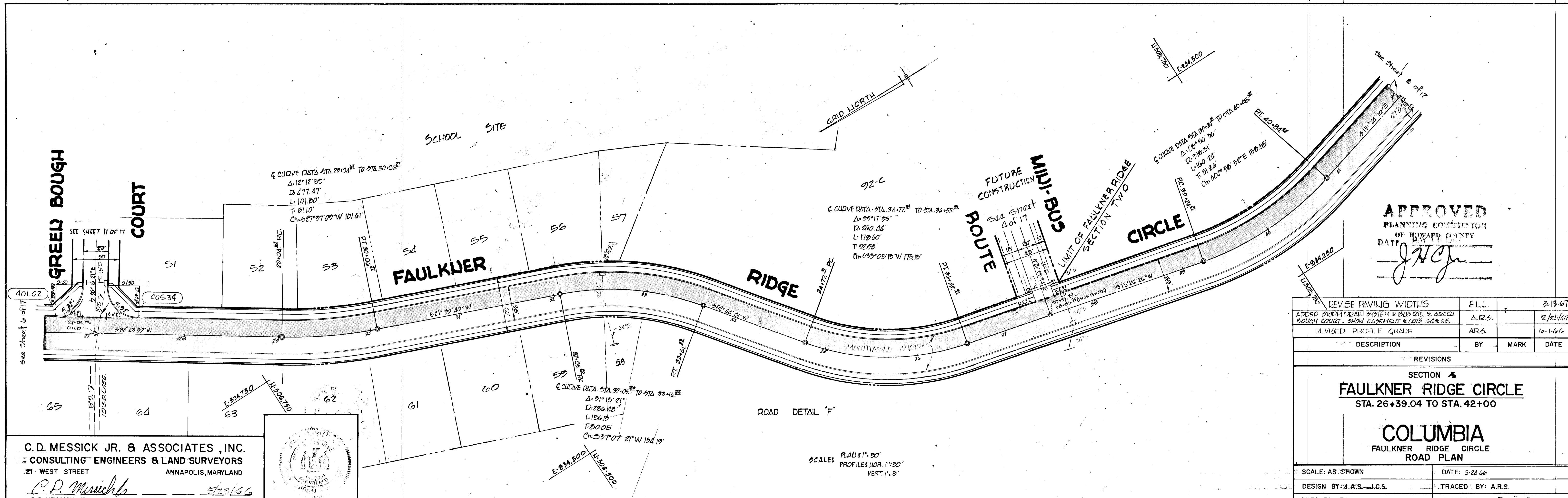


SCALE  
 PLAN: 1" = 50'  
 PROFILE: HOR. 1" = 50'  
 VERT. 1" = 5'

PROFILE  
 DESIGNED BY  
 DATE  
 CHECKED BY  
 NO. OF SHEETS  
 NO. OF WAY CHECKED  
 NO. OF WAY CHECKED



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK ALIGNED	
	NO. 1	



**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE: *J.H.C.*

REVISE PAVING WIDTHS	E.L.L.	3-13-67	
ADDED STORM DRAIN SYSTEM @ BUS STOP & GREEN BOUGH COURT. SHOW EASEMENT & LOTS 53&65.	A.R.S.	2/25/67	
REVISED PROFILE GRADE	A.R.S.	6-1-66	
DESCRIPTION	BY	MARK	DATE

REVISIONS  
 SECTION 4  
**FAULKNER RIDGE CIRCLE**  
 STA. 26+39.04 TO STA. 42+00  
**COLUMBIA**  
 FAULKNER RIDGE CIRCLE  
 ROAD PLAN

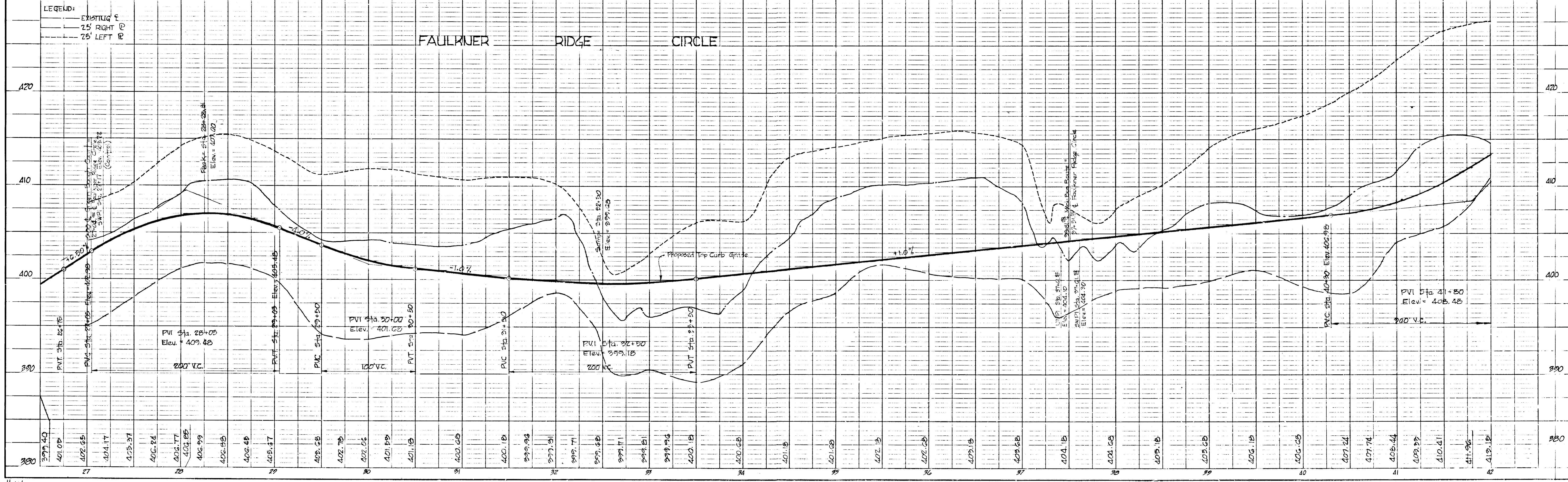
SCALE: AS SHOWN	DATE: 5-28-66
DESIGN BY: J.A.S.-J.C.S.	TRACED BY: A.R.S.
CHECKED BY: R.E.L.	DRAWING NO. 7 of 17

**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.*  
 C.D. MESSICK JR. RE. NO. 3390 DATE: *5-28-66*



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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK ALIGNED	
	NO. 1	

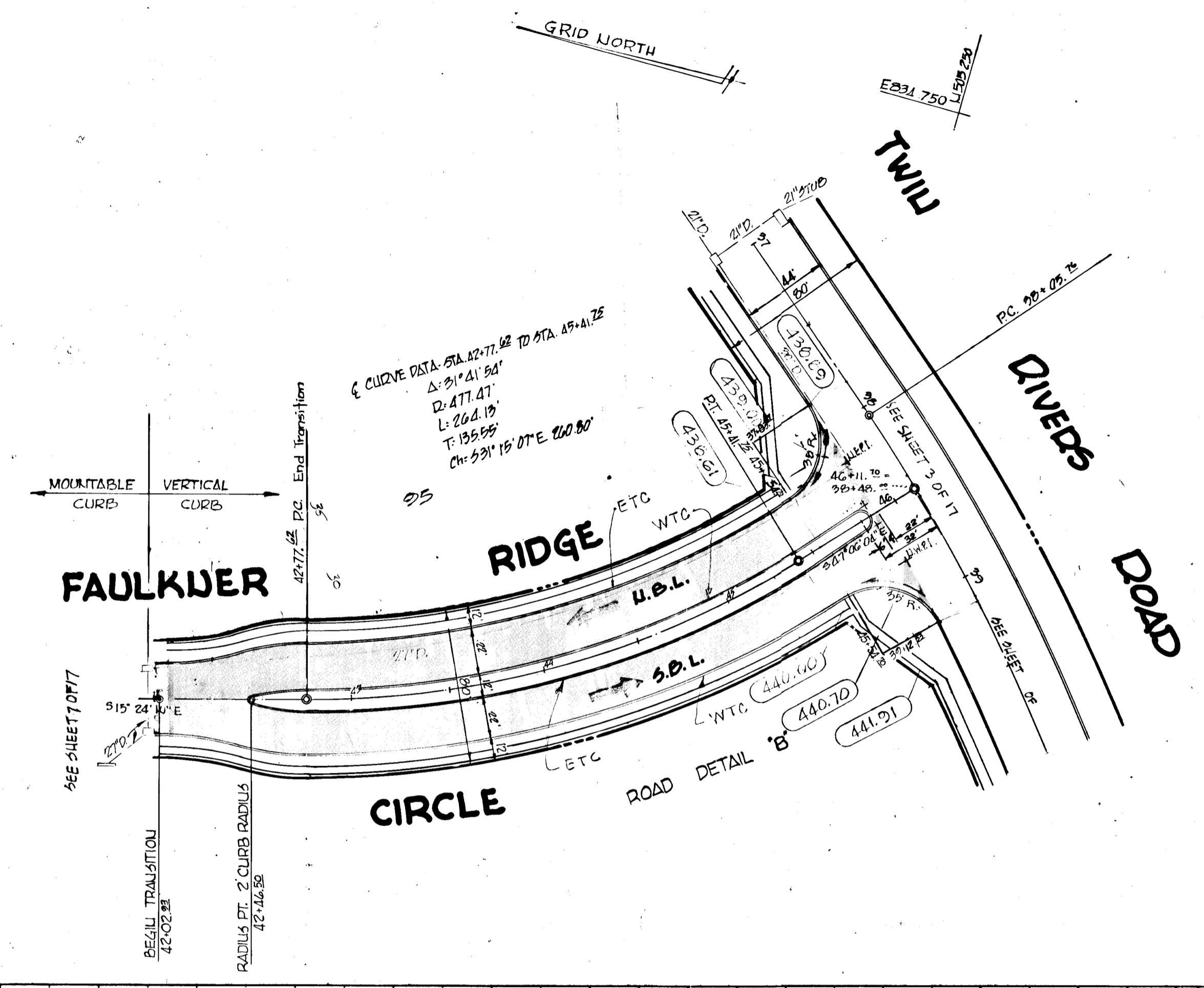
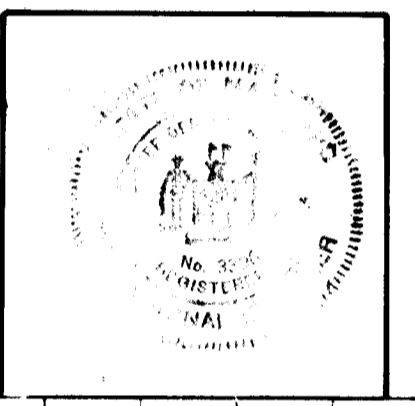


#14

PLAN SURVIVED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. OF WAY CHECKED  
 NO.

PROFILE SURVIVED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. OF WAY CHECKED  
 NO.

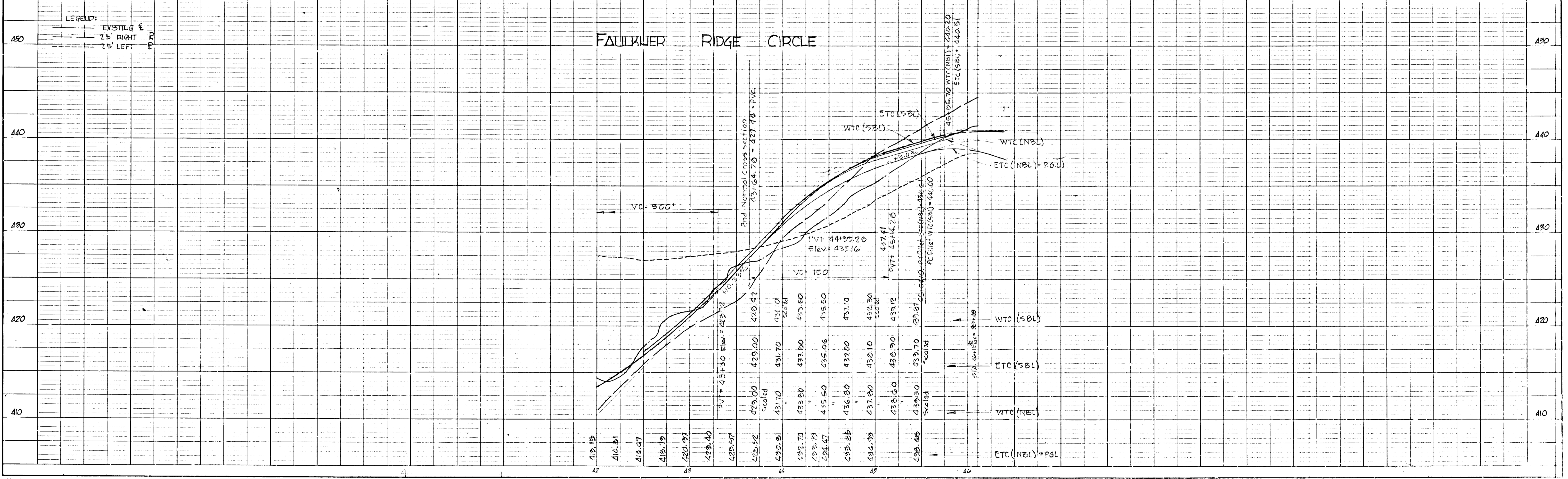
**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.*  
 C. D. MESSICK JR., P.E. NO. 3390 DATE 5/23/66



SCALE: PLAN: 1"=50'  
 PROFILE: 1"=20'  
 VERT: 1"=5'

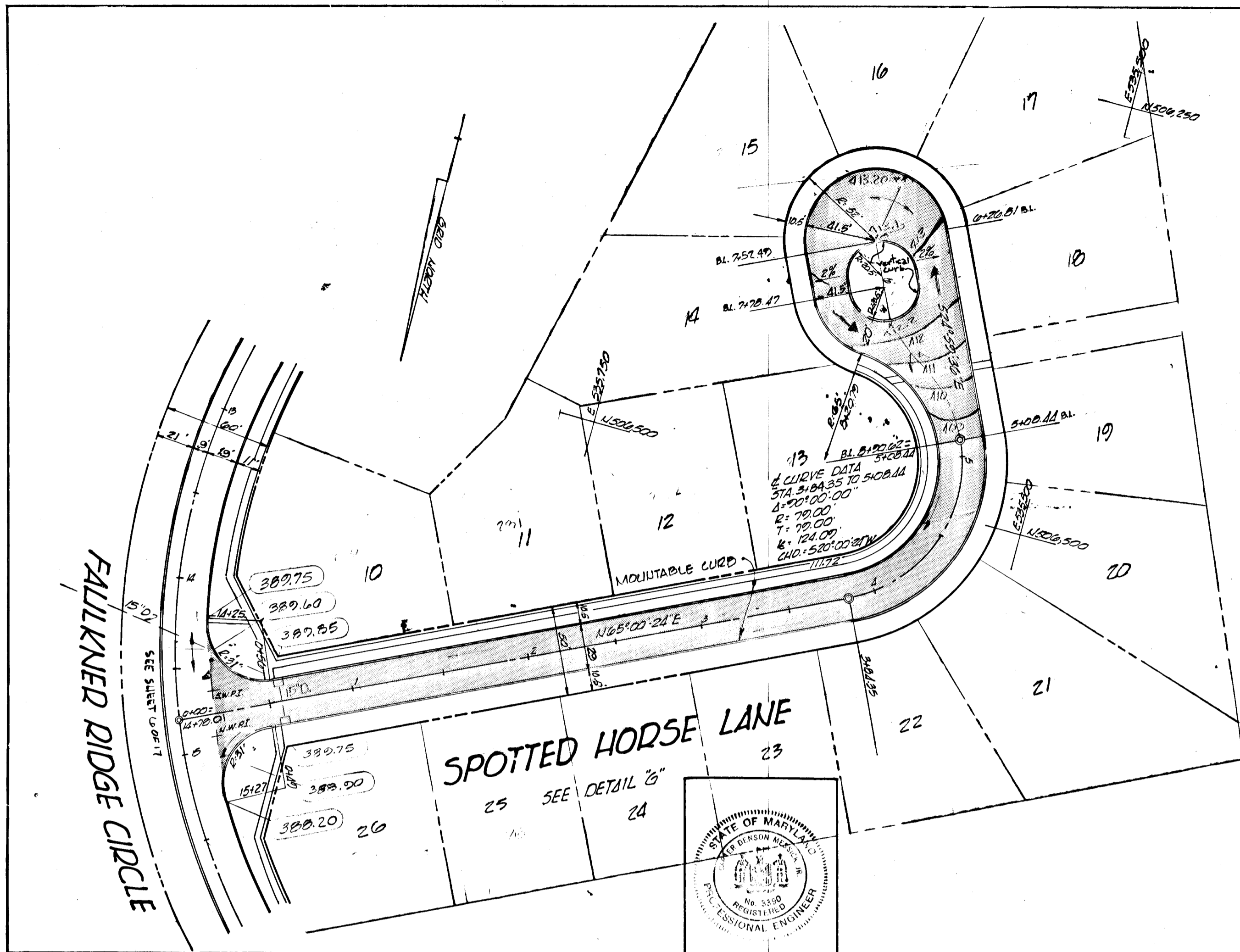
**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE MAY 16 1966  
*J. J. C.*

REVISE PAVING WIDTH	E.L.L.	5-13-67	
REVISED PROFILE GRADE	J.A.S.	6-1-66	
DESCRIPTION	BY	MARK	DATE
REVISIONS			
SECTION 5 <b>FAULKNER RIDGE CIRCLE</b> STA. 42+00 TO STA. 46+11.70			
<b>COLUMBIA</b> FAULKNER RIDGE CIRCLE ROAD PLAN			
SCALE: AS SHOWN	DATE: 5-23-66		
DESIGN BY: J.A.S. J.C.S.	TRACED BY: A.R.S.		
CHECKED BY: R.E.L.	DRAWING NO.: 10 of 17		

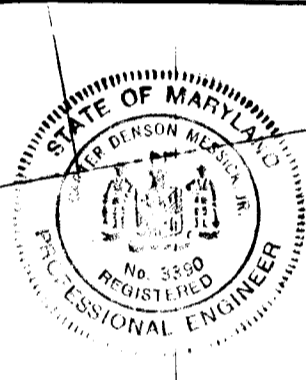




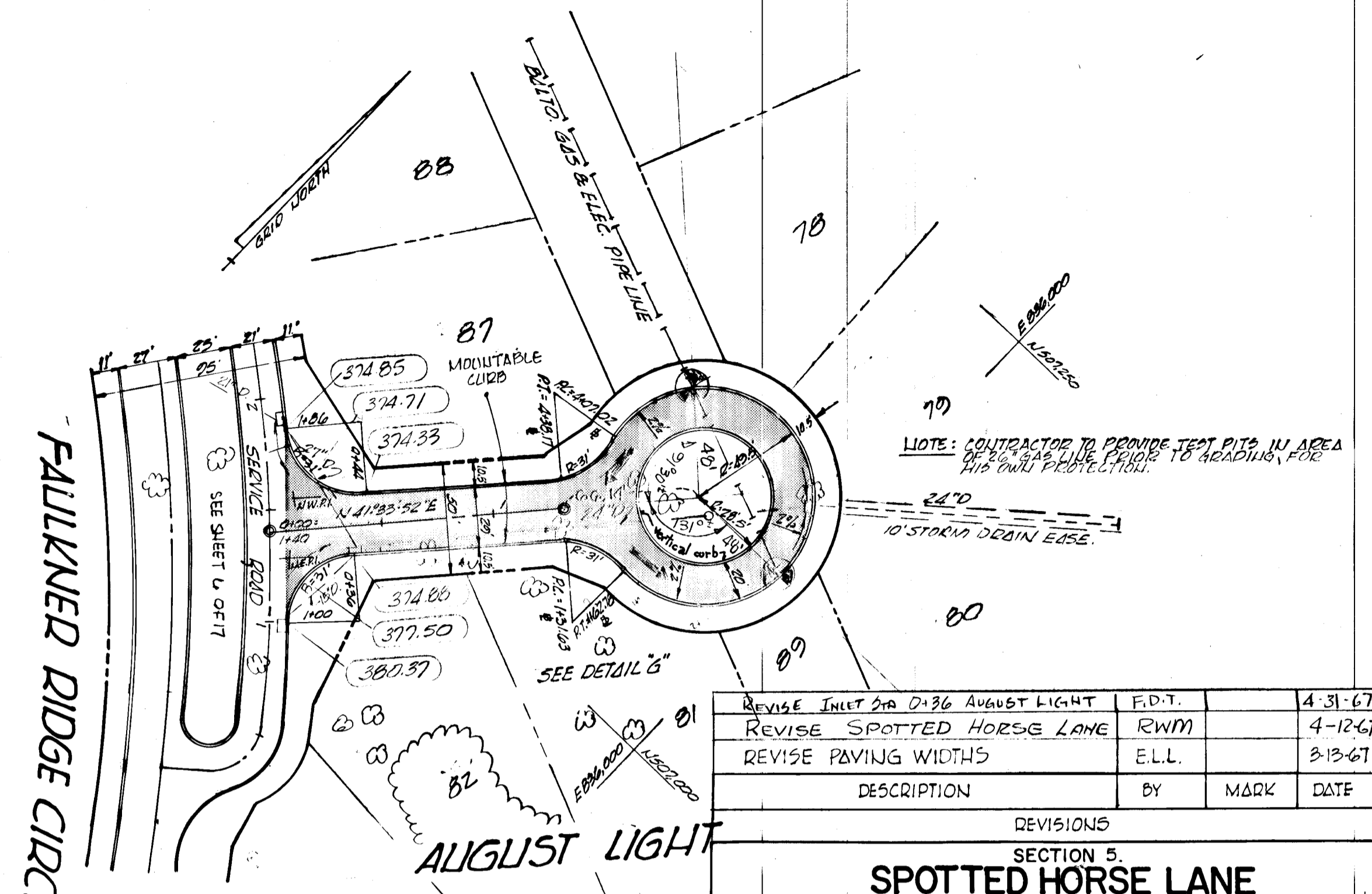
PLAN	REVISED	DATE
NOTE BOOK	AS SHOWN CHECKED	
NO.	BY	



NOTE: TYPICAL CURVE-DE-ARC SECTION TO BE MODIFIED FOR RADII AS SHOWN ON PLAN FOR AUGUST LIGHT & SPOTTED HORSE LAKE.



**C.D. MESSICK JR. & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANAPOLIS, MARYLAND  
*C.D. Messick Jr.* 11-1-66  
 C.D. MESSICK JR. P.E. NO. 3390 DATE



NOTE: CONTRACTOR TO PROVIDE TEST PITS IN AREA OF SPOTTED HORSE LAKE BEFORE READING FOR HIS OWN PROTECTION.

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE: MAY 16 1967  
*J. J. C.*

REVISE INLET FOR D-36 AUGUST LIGHT	F.D.T.	4-31-67
REVISE SPOTTED HORSE LAKE	RWM	4-12-67
REVISE PAVING WIDTHS	E.L.L.	3-13-67
DESCRIPTION	BY	MARK DATE

REVISIONS	
SECTION 5	
SPOTTED HORSE LAKE	
AUGUST LIGHT	
COLUMBIA	
FAULKNER RIDGE CIRCLE	
ROAD PLAN	

SCALE: AS SHOWN	DATE: 9-29-66
DESIGN BY: J.A.S. J.C.S.	TRACED BY:
CHECKED BY:	DRAWING NO: 9 of 17

PROFILE	REVISED	DATE
NOTE BOOK	AS SHOWN CHECKED	
NO.	BY	

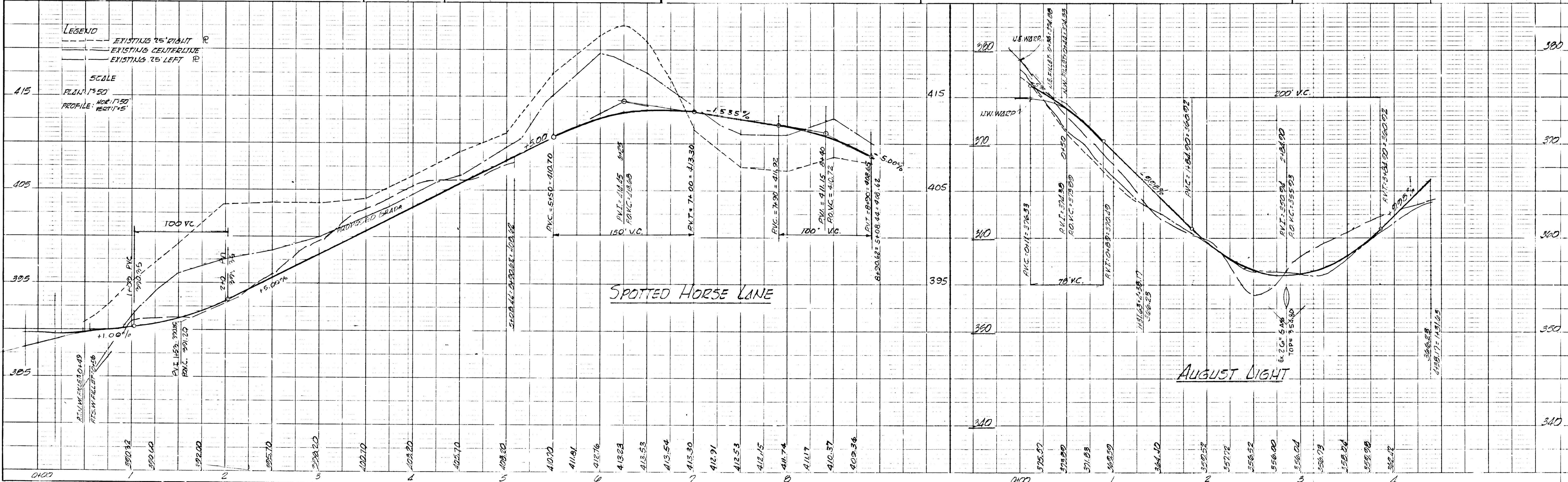
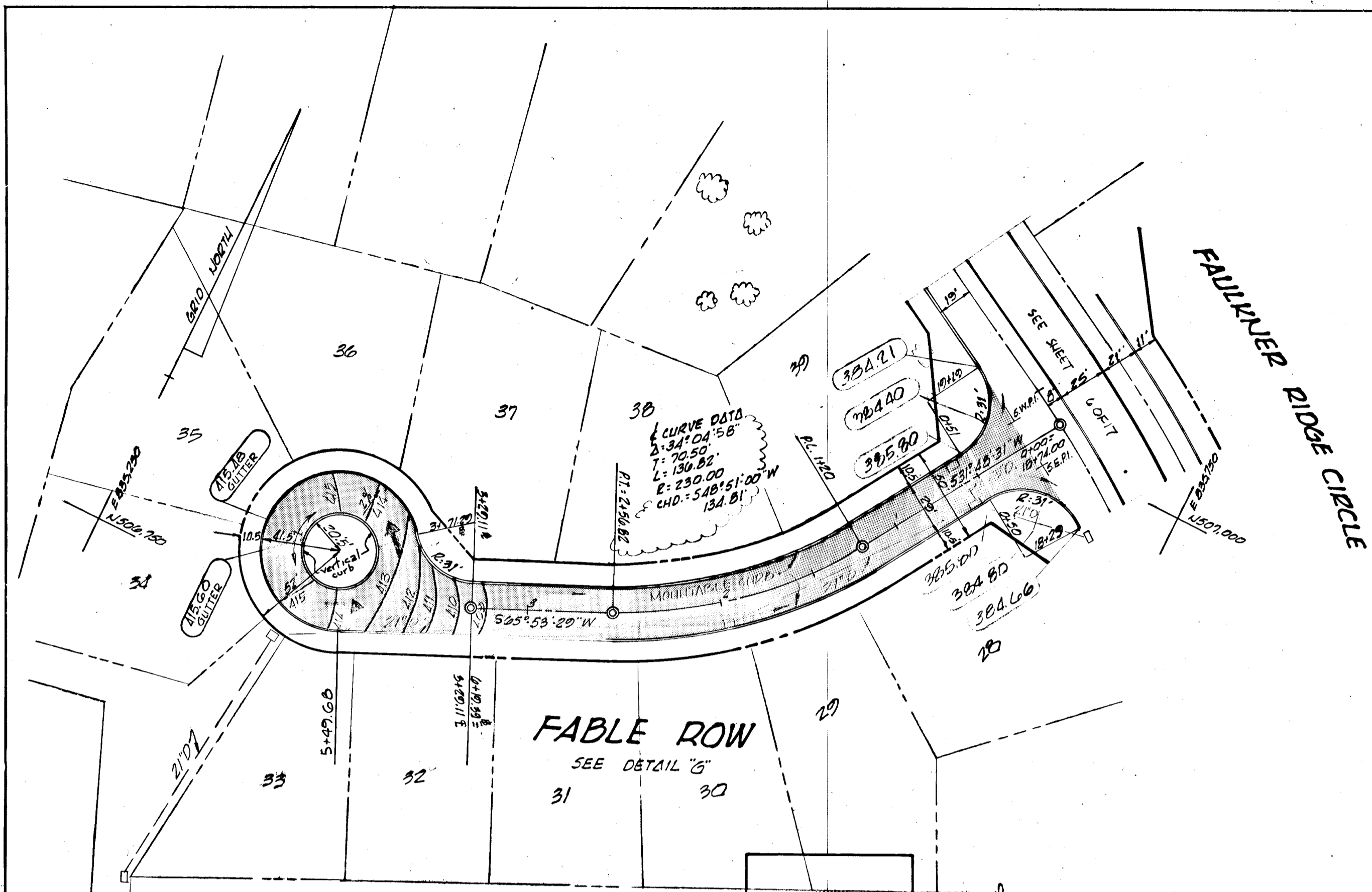


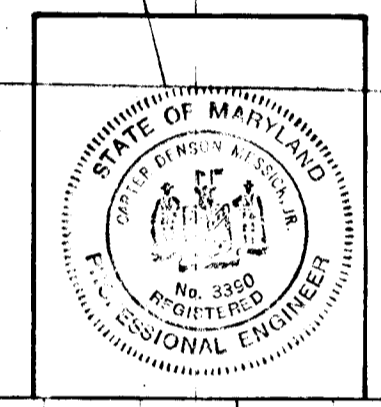
PLATE 1, PLAN PROFILE  
 KEITH & ESSER CO.

PLAN	DATE
NO.	
REV.	
BY	
DATE	
SURVEYED	
CHECKED	
NOTED	
NO.	
DATE	
BY	
DATE	



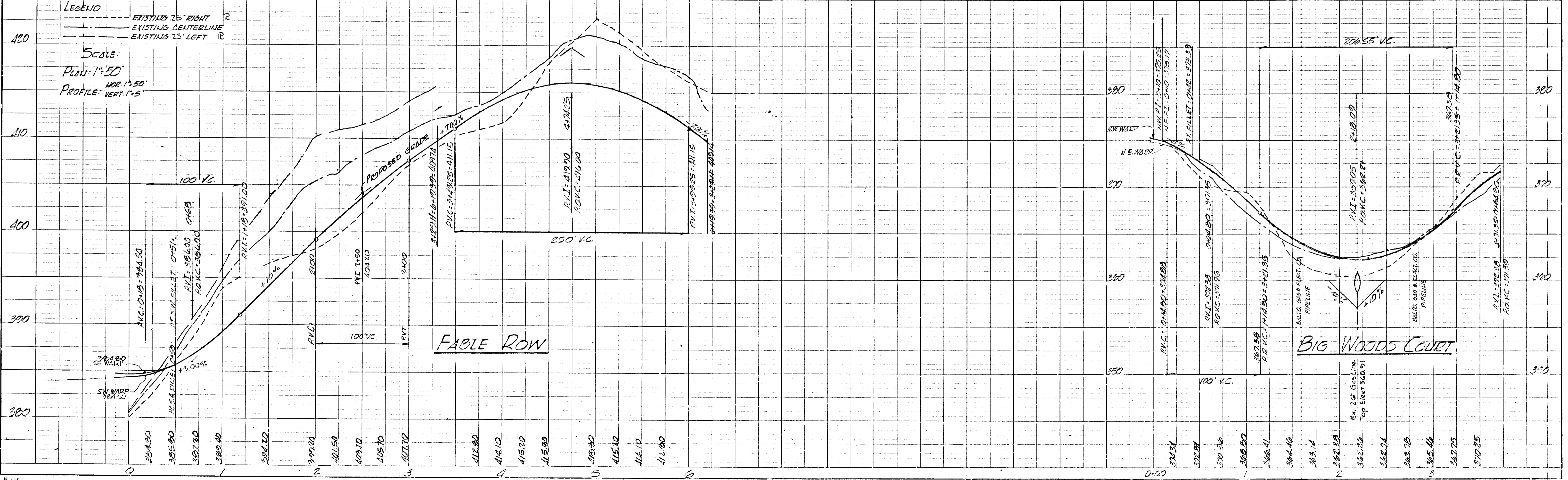
**C.D. MESSICK JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND

*C.D. Messick Jr.* 11-1-66  
C.D. MESSICK JR. P.E. NO. 3390 DATE



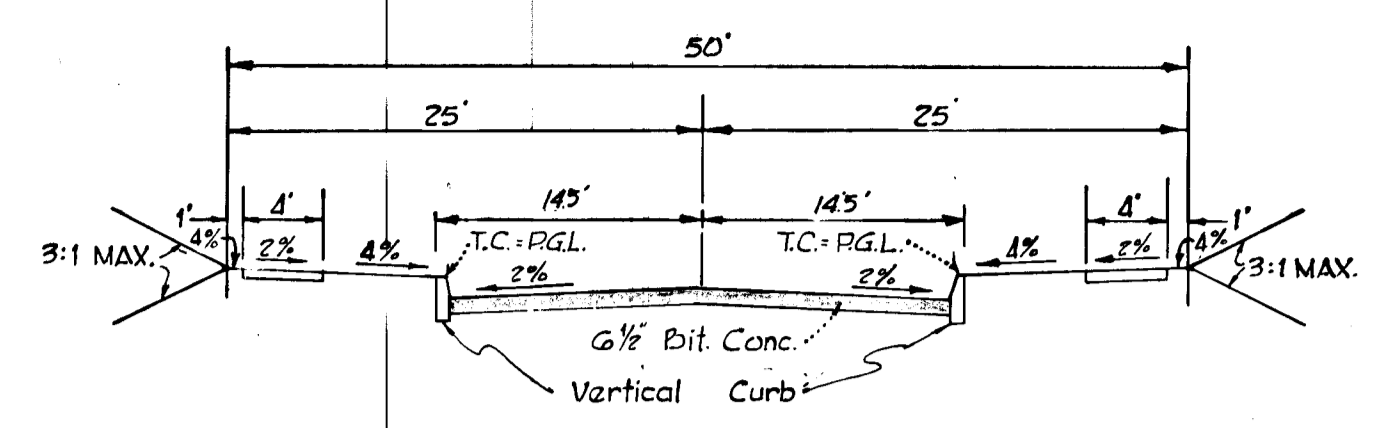
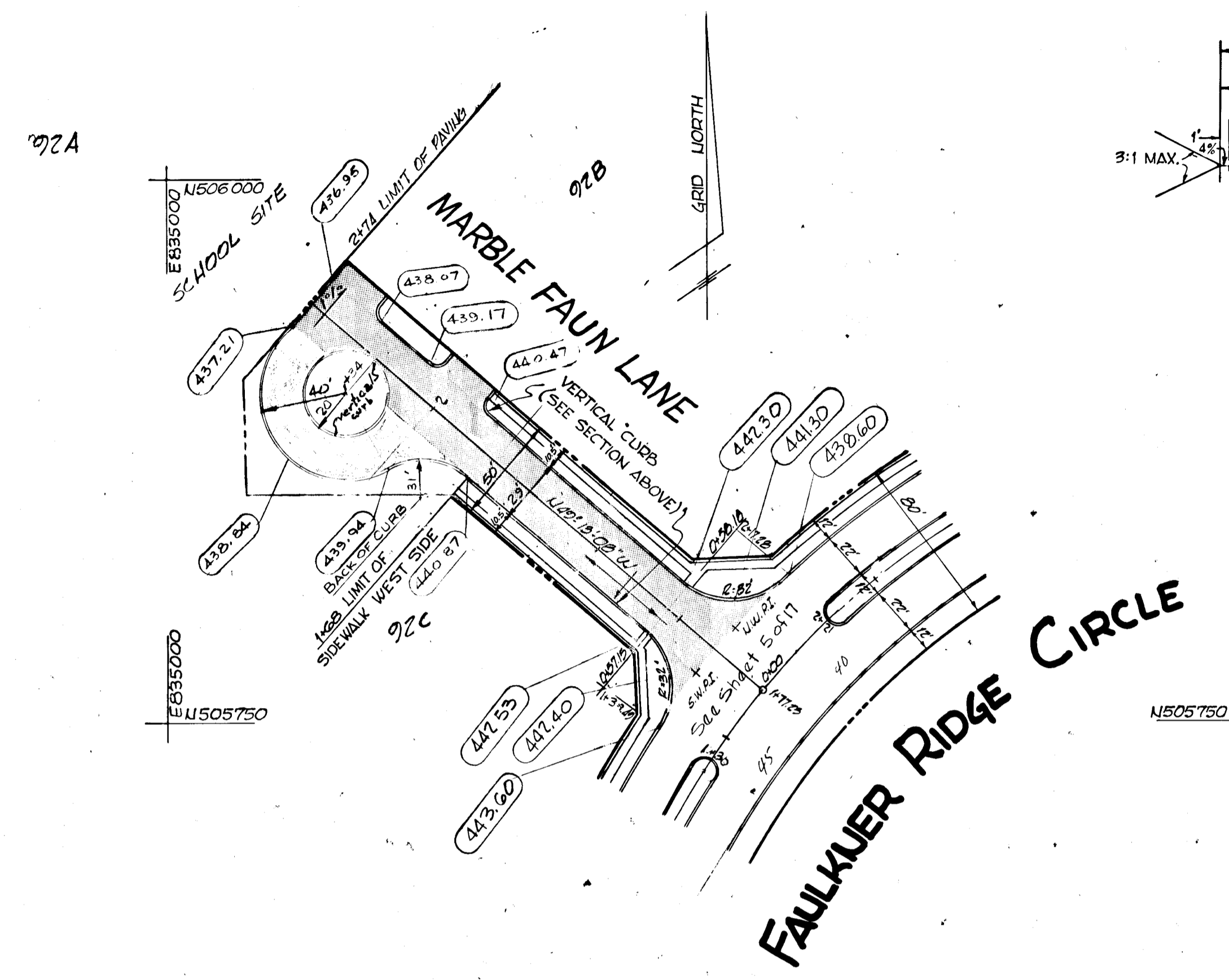
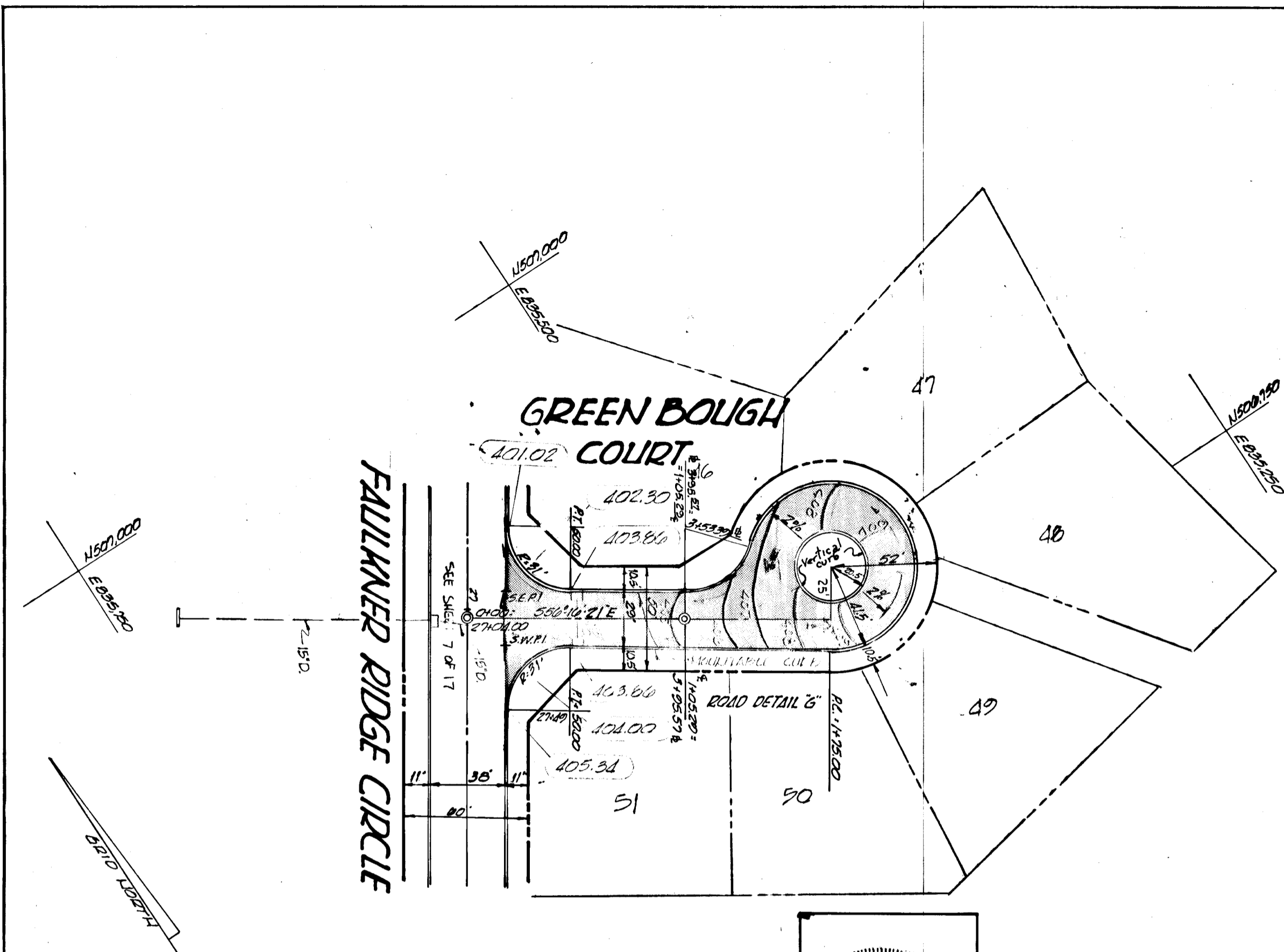
REVISE PAVING WIDTHS	E.L.L.	3-12-67
DESCRIPTION	BY	MARK
REVISIONS		
SECTION 5		
FABLE ROW		
BIG WOODS COURT		
COLUMBIA		
FAULKNER RIDGE CIRCLE		
ROAD PLAN		
SCALE: AS SHOWN	DATE: 9-29-66	
DESIGN BY: J.A.S. J.C.S.	TRACED BY: W.H.H.	
CHECKED BY:	DRAWING NO: 10 of 17	

PROFILE	DATE
NO.	
REV.	
BY	
DATE	
SURVEYED	
CHECKED	
NOTED	
NO.	
DATE	
BY	
DATE	



#14

PLAN  
 DATE  
 BY  
 CHECKED  
 NO. OF SHEETS  
 NO. OF SHEETS



MARBLE FAUN LANE SECTION

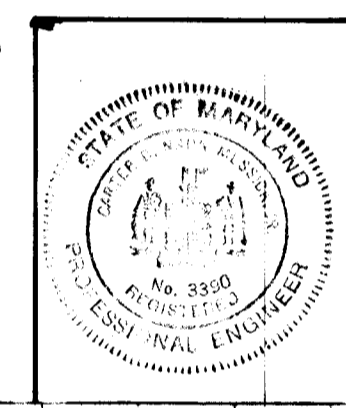
APPROVED  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE: 9-18-66  
*J. H. E.*

REVISIONS	DESCRIPTION	BY	MARK	DATE
1	REVISE PAVING WIDTH MARBLE FAUN LANE	RCE		5-5-67
2	STREET NAME REVISED TO MARBLE FAUN LANE			4-24-67
3	REVISED PROFILE GREENBOUGH COURT			4-12-67
4	REVISED ENTRANCE ROAD TURN-AROUND	N.J.L.		3-16-67
5	REVISE ENTRANCE ROAD & PAVING WIDTHS	E.L.L.		3-13-67

SECTION 5  
**GREEN BOUGH COURT**  
**MARBLE FAUN LANE**  
**COLUMBIA**  
 FAULKNER RIDGE CIRCLE  
 ROAD PLAN

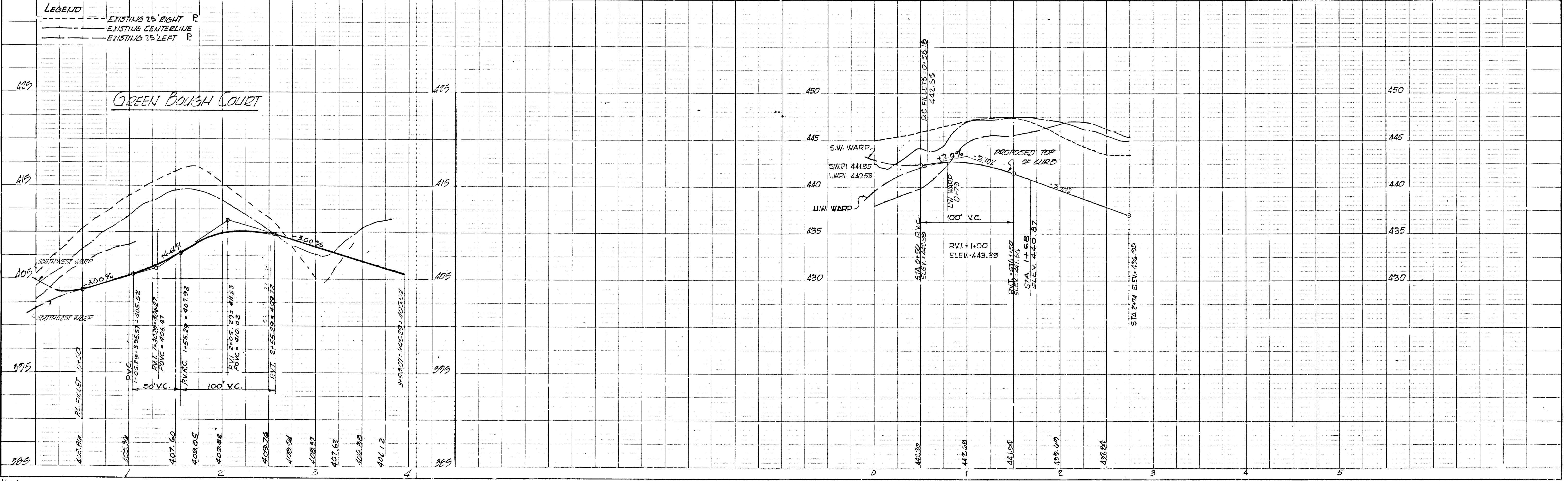
SCALE: AS SHOWN	DATE: 9-29-66
DESIGN BY: J.A.S. J.C.S.	TRACED BY:
CHECKED BY:	DRAWING NO: 11 of 17

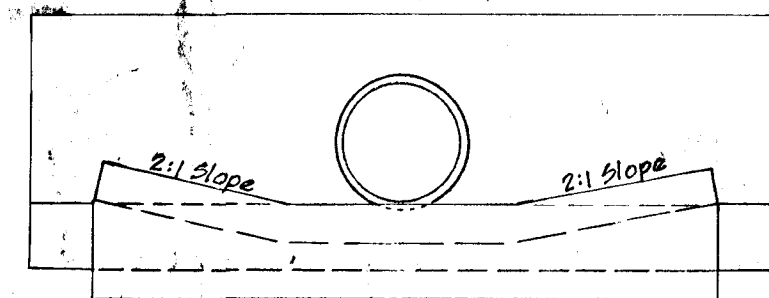
C.D. MESSICK JR. & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 21 WEST STREET ANNAPOLIS, MARYLAND  
*C.D. Messick Jr.* 11-1-66  
 C.D. MESSICK, JR. P.E. NO. 3390 DATE



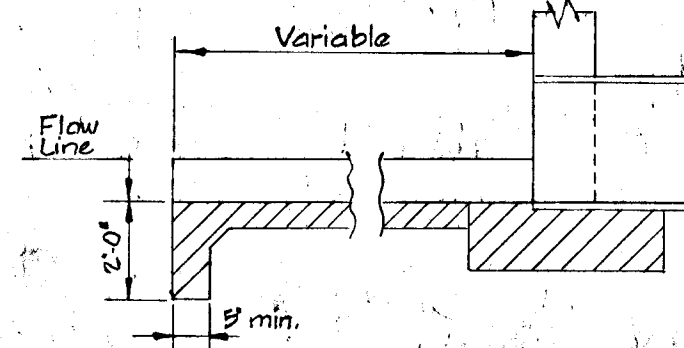
PLAN: 1" = 50'  
 PROFILE: HOR: 1" = 50'  
 VERT: 1" = 5'

PROFILE  
 DATE  
 BY  
 CHECKED  
 NO. OF SHEETS  
 NO. OF SHEETS

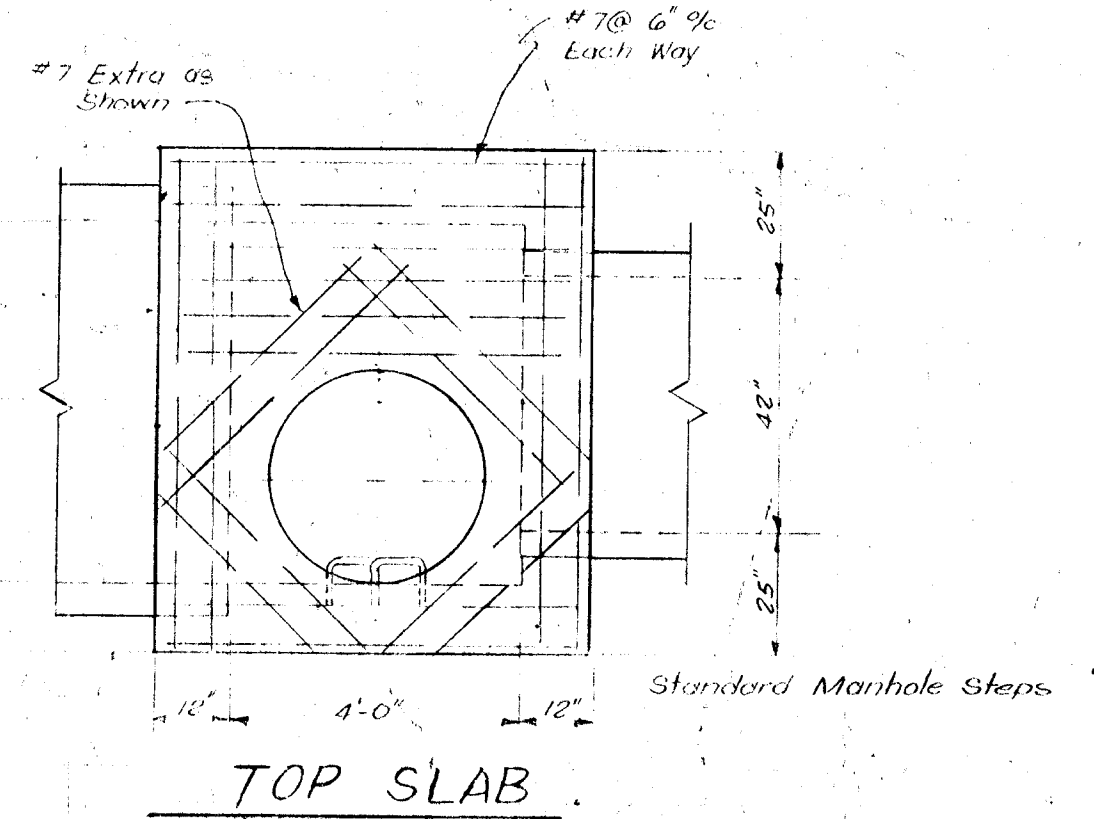




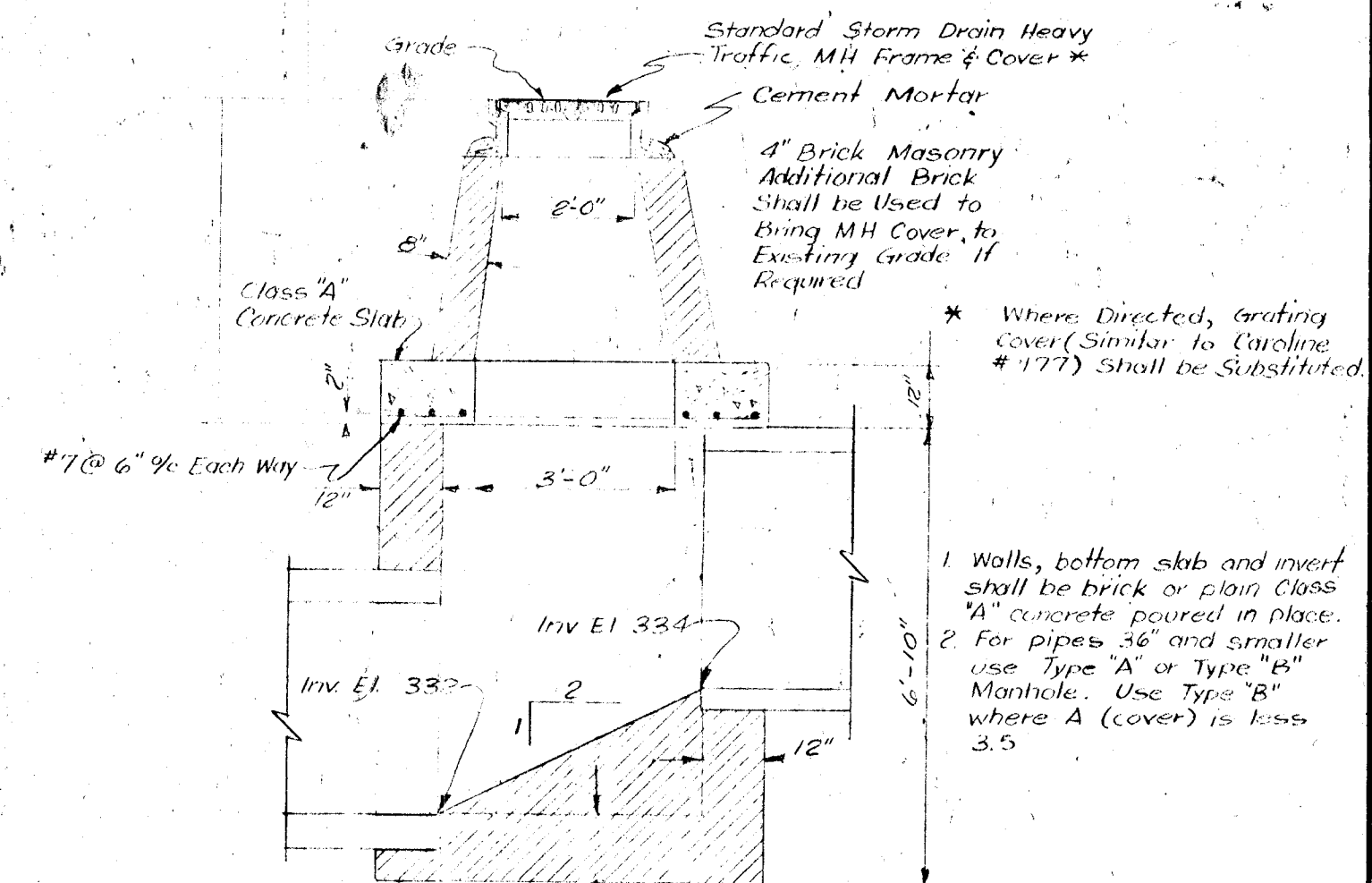
TOE WALL DETAIL  
FOR  
5" CONCRETE GUTTER  
NO SCALE



Note: For any details not shown, refer to the Maryland State Roads Commission Book of Standards Highway and Incidental Structures Plate GT-4, Page 46A



TOP SLAB

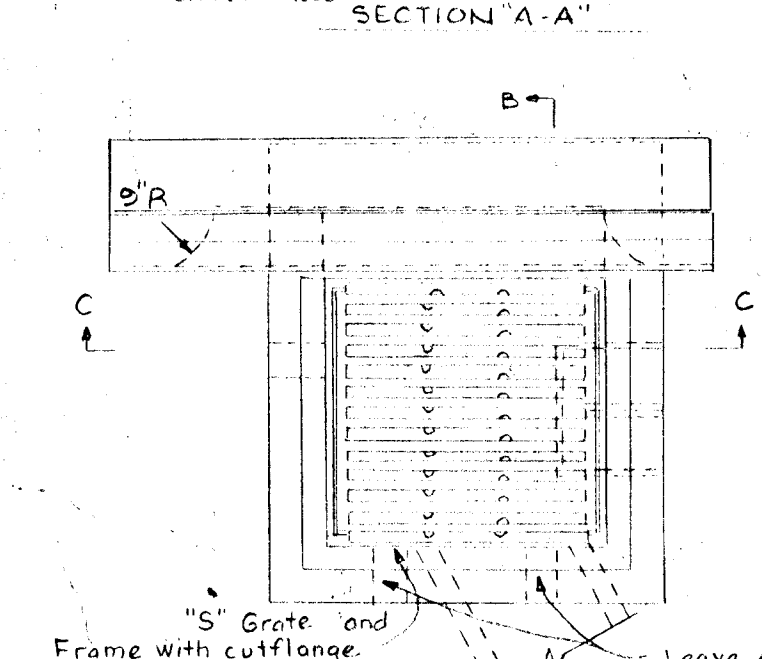
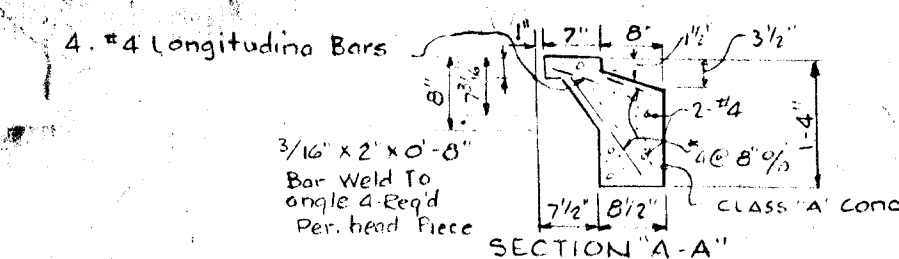


SECTION

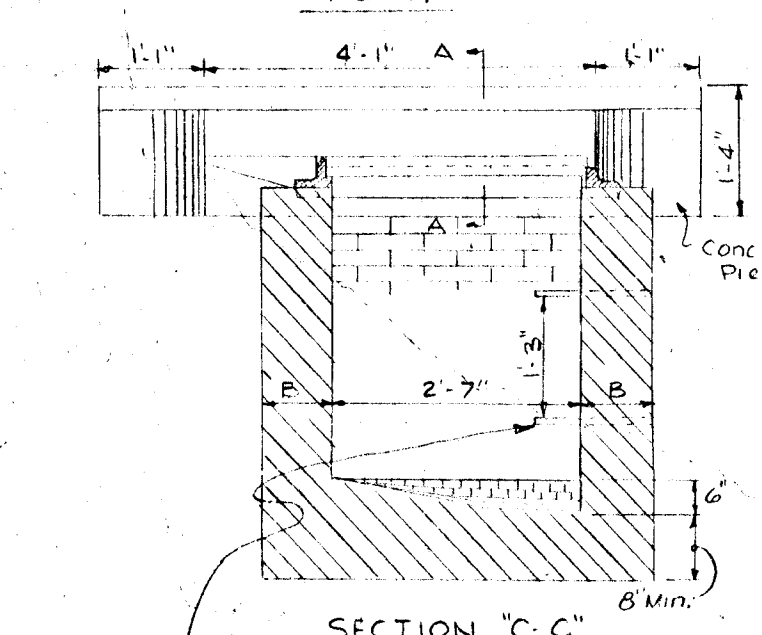
SCALE 3/8" = 1'-0"

SPECIAL MANHOLE

NO SCALE



PLAN



SECTION "B-B"

- Note:
- 1) The Walls and Invert shall be brick or plain Class 'A' Concrete.
  - 2) B = 8" Where A is 7' or less  
B = 12" Where A is 7' to 11'
  - 3) Top 4" of walls shall be brick masonry. Additional brick shall be used to bring the grate to exist grade if required.
  - 4) Where brick is used, Invert shall be brick laid on edge.

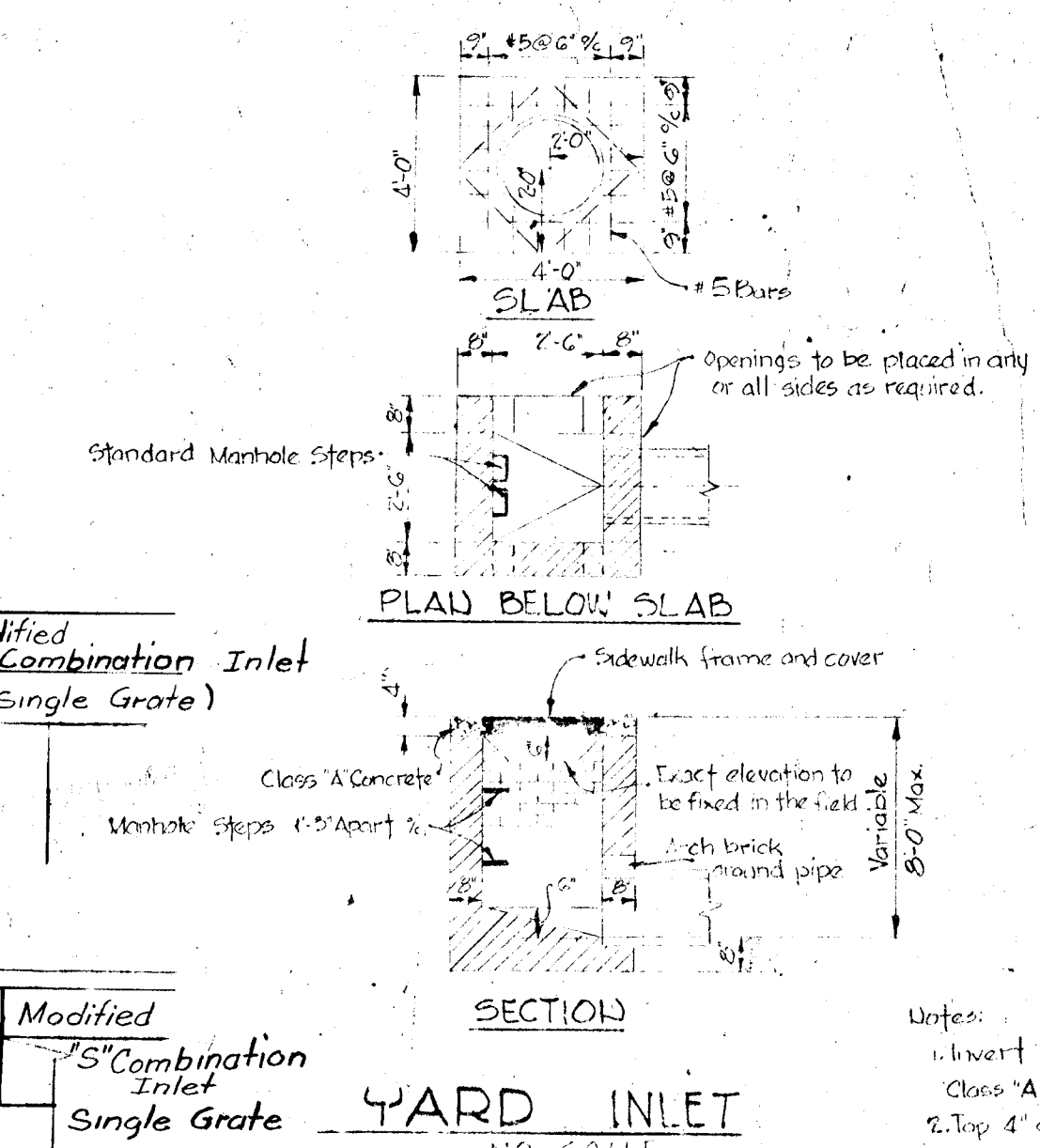
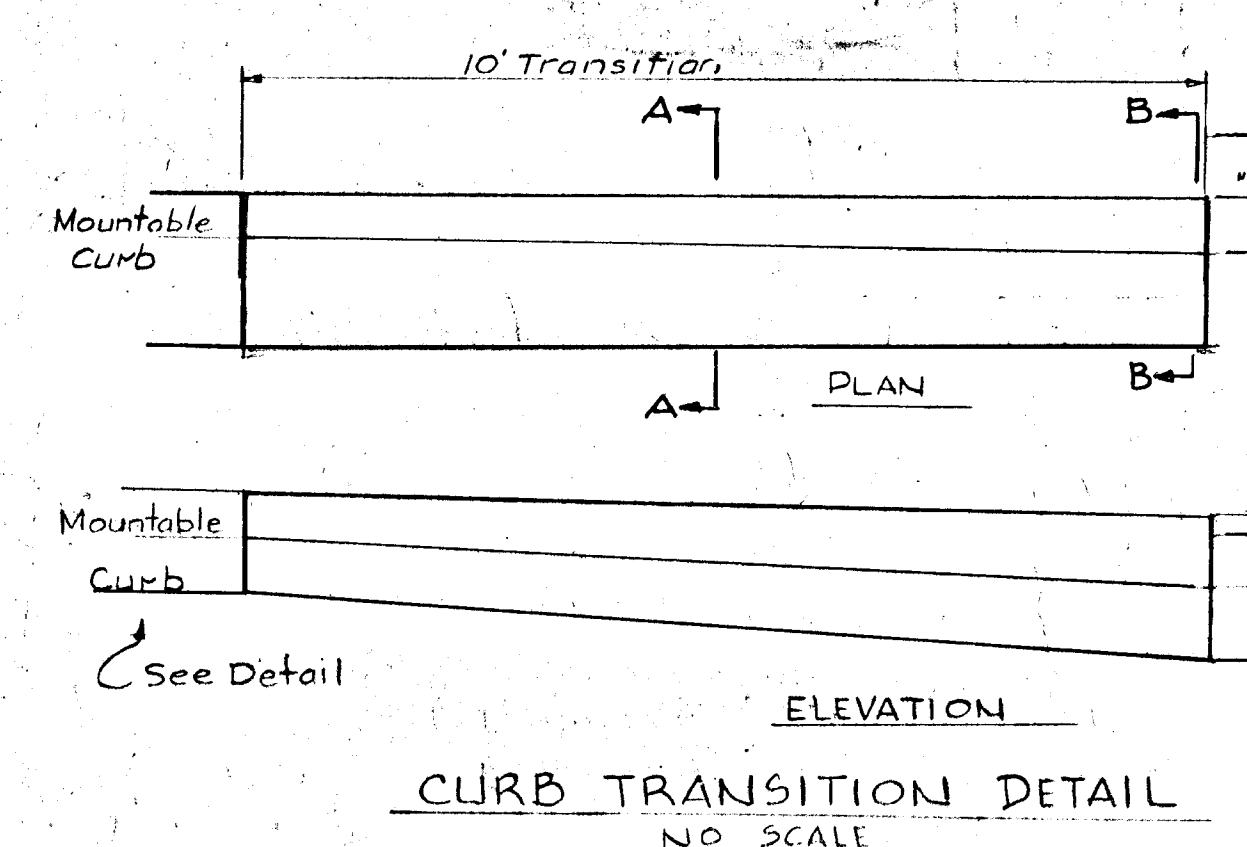
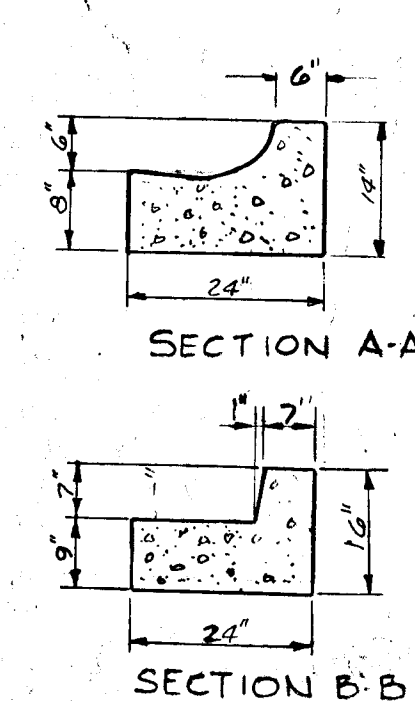
APPROVED  
PLANNING COMMISSION  
OF WYAND COUNTY  
DATE: 4/12/67

DETAIL MODIFIED  
"S" COMBINATION INLET  
(SINGLE GRATE)  
NO SCALE

REVISED CURB TRANSITION DETAIL	RWM	DATE	
3.15.5		4/12/67	
DESCRIPTION	BY	MARK	DATE

VILLAGE OF WILDE LAKE  
DETAILS  
FAULKNER RIDGE CIRCLE  
COLUMBIA

SCALE	AS SHOWN	DATE	
DESIGNED BY	JAS	TRACED BY	ARS
CHECKED BY		DRAWING NO.	12 of 17

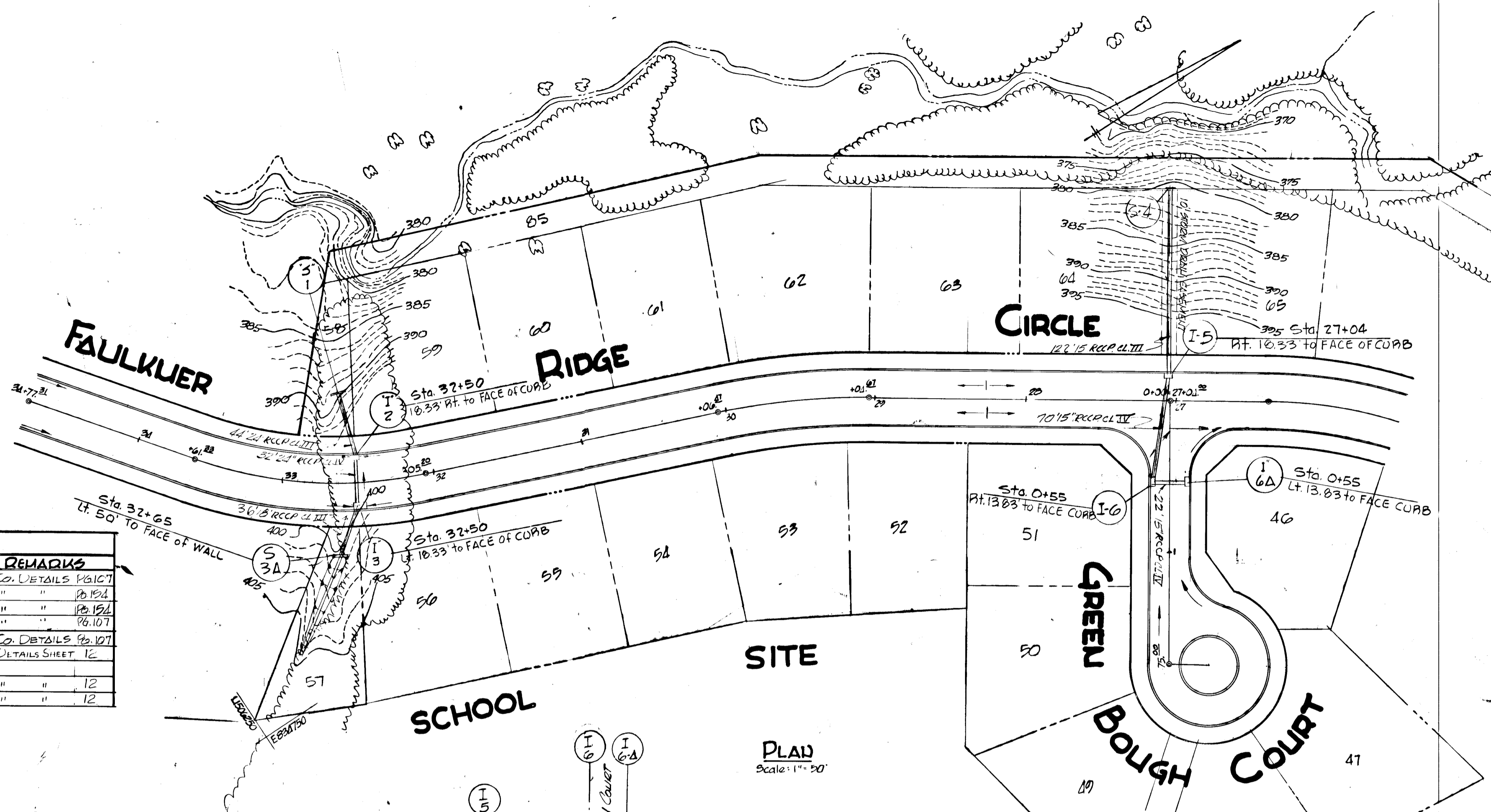


YARD INLET  
NO SCALE

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

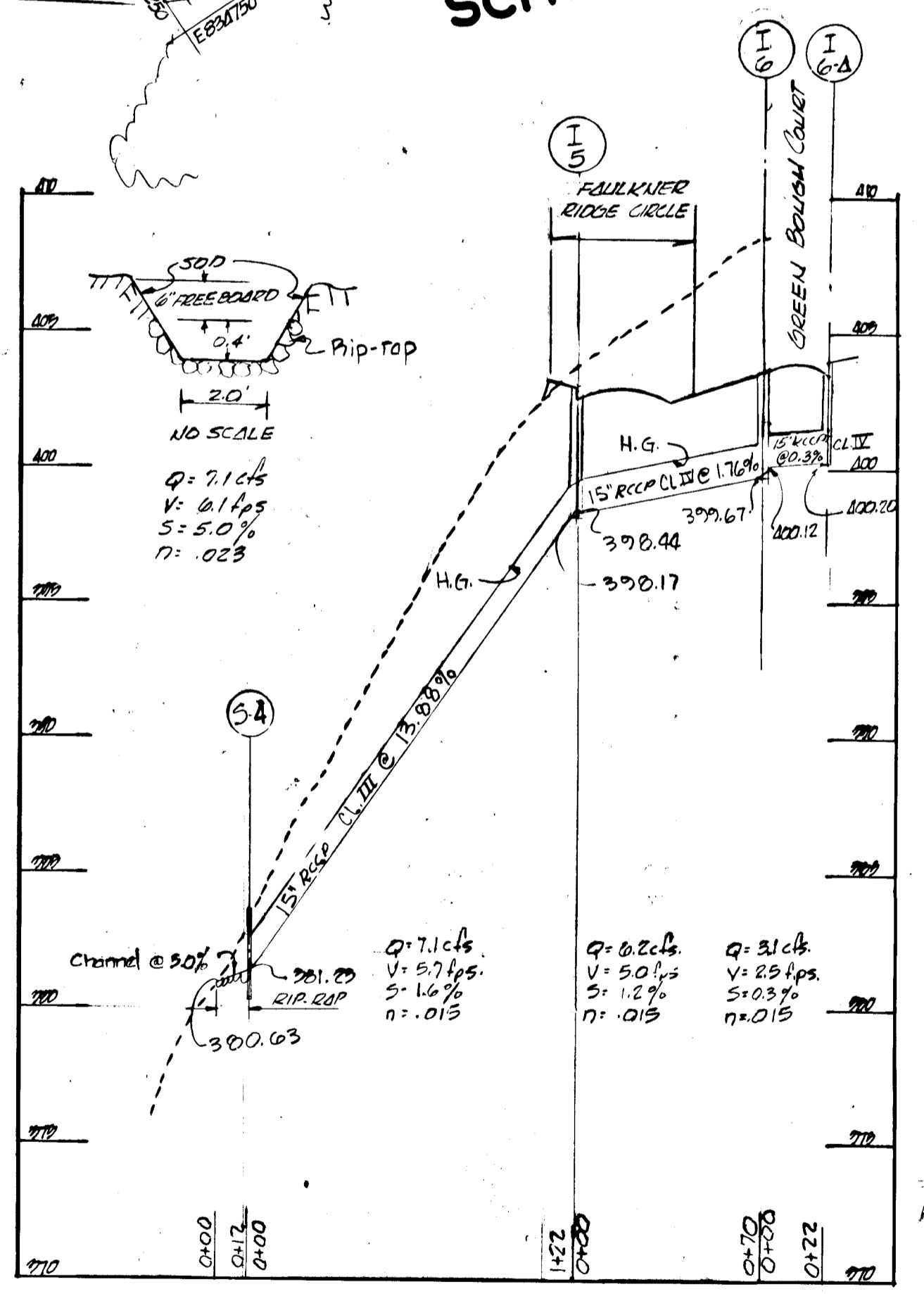
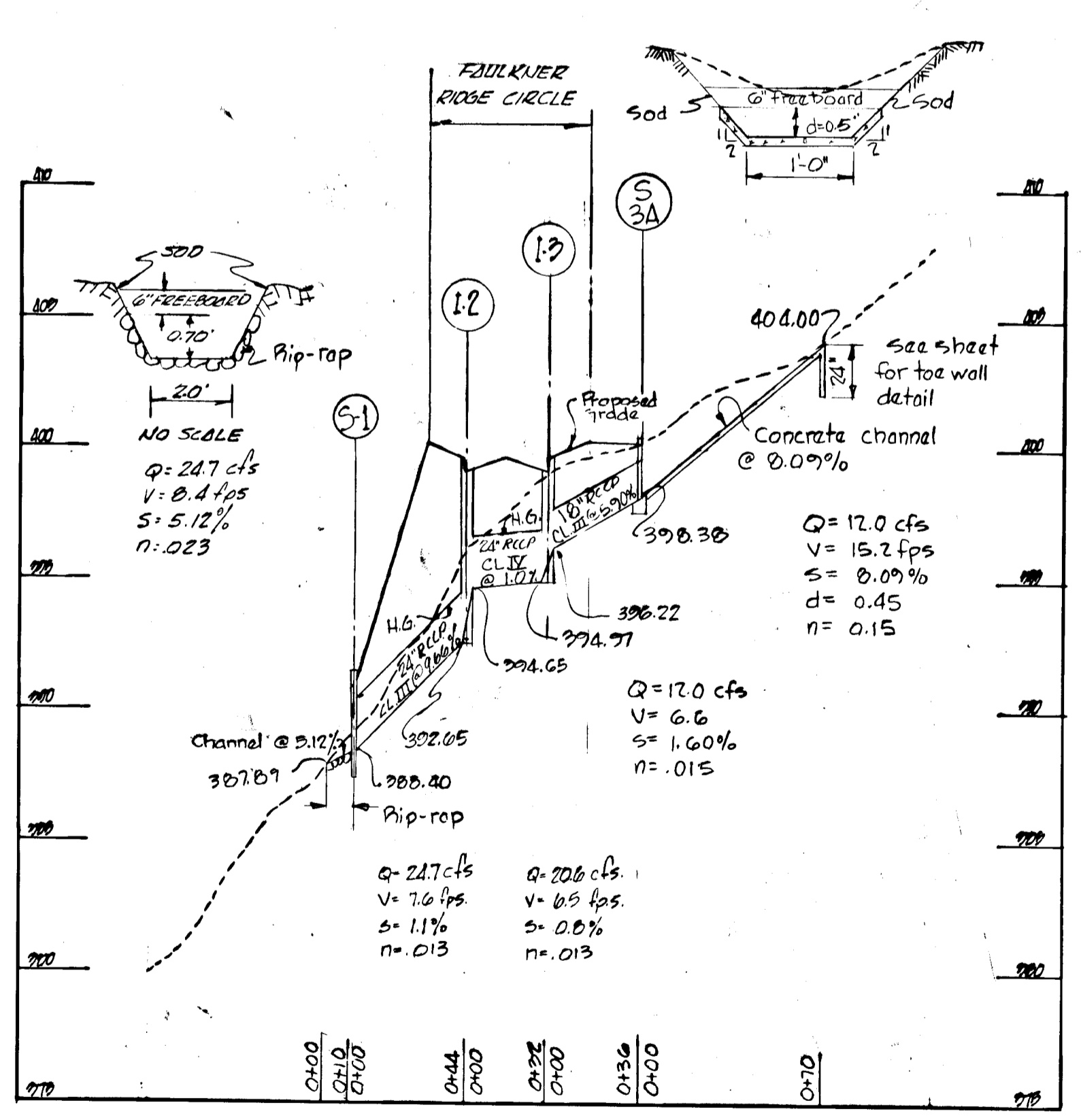
C.D. MESSICK JR. & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET ANNAPOLIS, MARYLAND  
C.D. MESSICK JR. PE. 3390  
DATE: 10-3-66





**STORM DRAIN STRUCTURE SCHEDULE**

NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
S-1	24" Type C Endwall	Rt. Sta. 26+64	Top = 391.40	288.40	288.40	HO Co. DETAILS PG. 107
I-2	15" COMB. (UND.) Dble. Grate	Rt. Sta. 22+50	399.68	394.65	392.65	" " " PG. 104
I-3	15" COMB. (UND.) Dble. Grate	Lt. Sta. 22+50	399.68	396.22	394.97	" " " PG. 104
S-2A	TYPE "C" Endwall	Lt. Sta. 32+65	Top = 340.63	338.38	338.38	" " " PG. 107
S-4	TYPE "C" Endwall	Rt. Sta. 27+04	Top = 363.23	361.23	361.23	HO Co. DETAILS PG. 107
I-5	15" COMB. (UND.) Single Grate	Rt. Sta. 27+04	402.98	398.44	398.17	SEE DETAILS SHEET 12
I-6A	15" COMB. (DEP.) Single Grate	Lt. Sta. 0+55	404.01	400.12	400.20	" " " 12
I-6	15" COMB. (DEP.) Single Grate	Rt. Sta. 0+55	404.01	400.12	399.67	" " " 12



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

**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY  
DATE: MAY 16, 1966  
*J.H.C.*

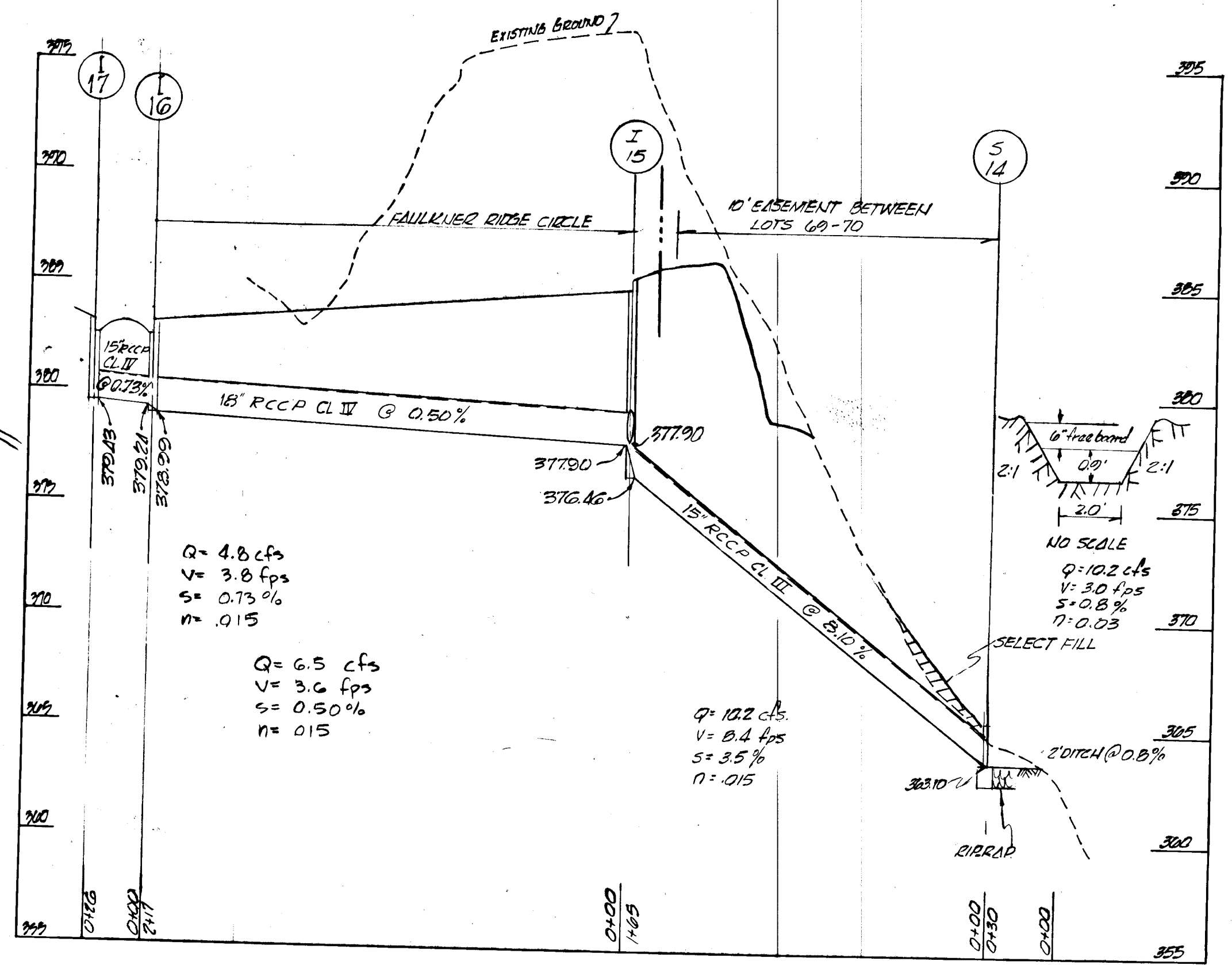
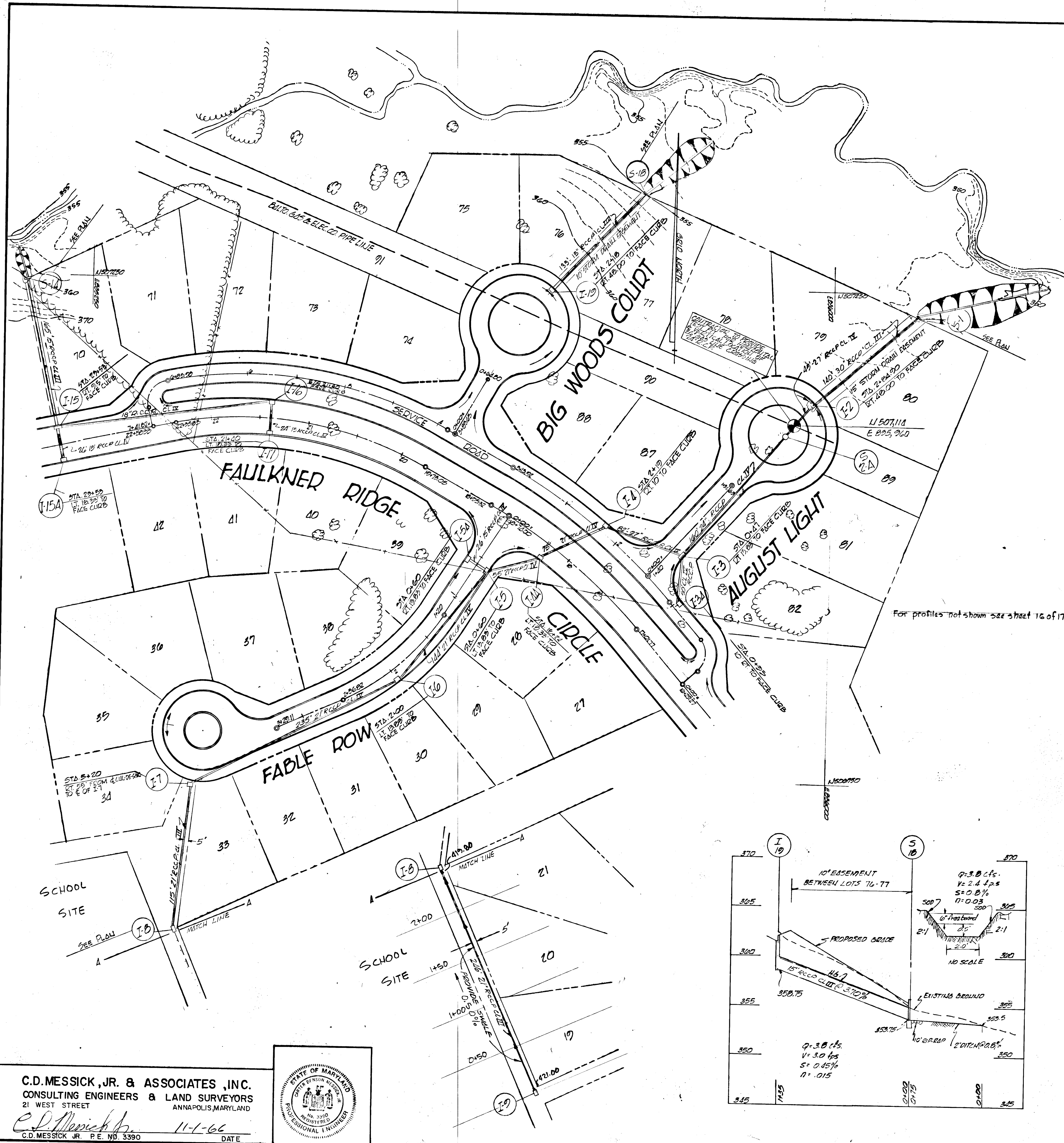
REVISE DRAIN CLASS TO CLASS III WHERE PIPE HAS NO BEARING OTHER THAN COVER	RCE	5-5-67	
REVISE PIPE CONNOTATION RCP TO RCCP	RCE	5-5-67	
DESCRIPTION	BY	MARK	DATE

**VILLAGE OF WILDE LAKE**  
SECTION 5  
FAULKNER RIDGE CIRCLE  
COLUMBIA  
SYSTEM "H"  
STORM DRAIN

SCALE: AS SHOWN	DATE: NOV. 1, 1966
DESIGNED BY: J.A.S., ARS	TRACED BY: W.H.D., ARS
CHECKED BY:	DRAWING NO. 14 of 17

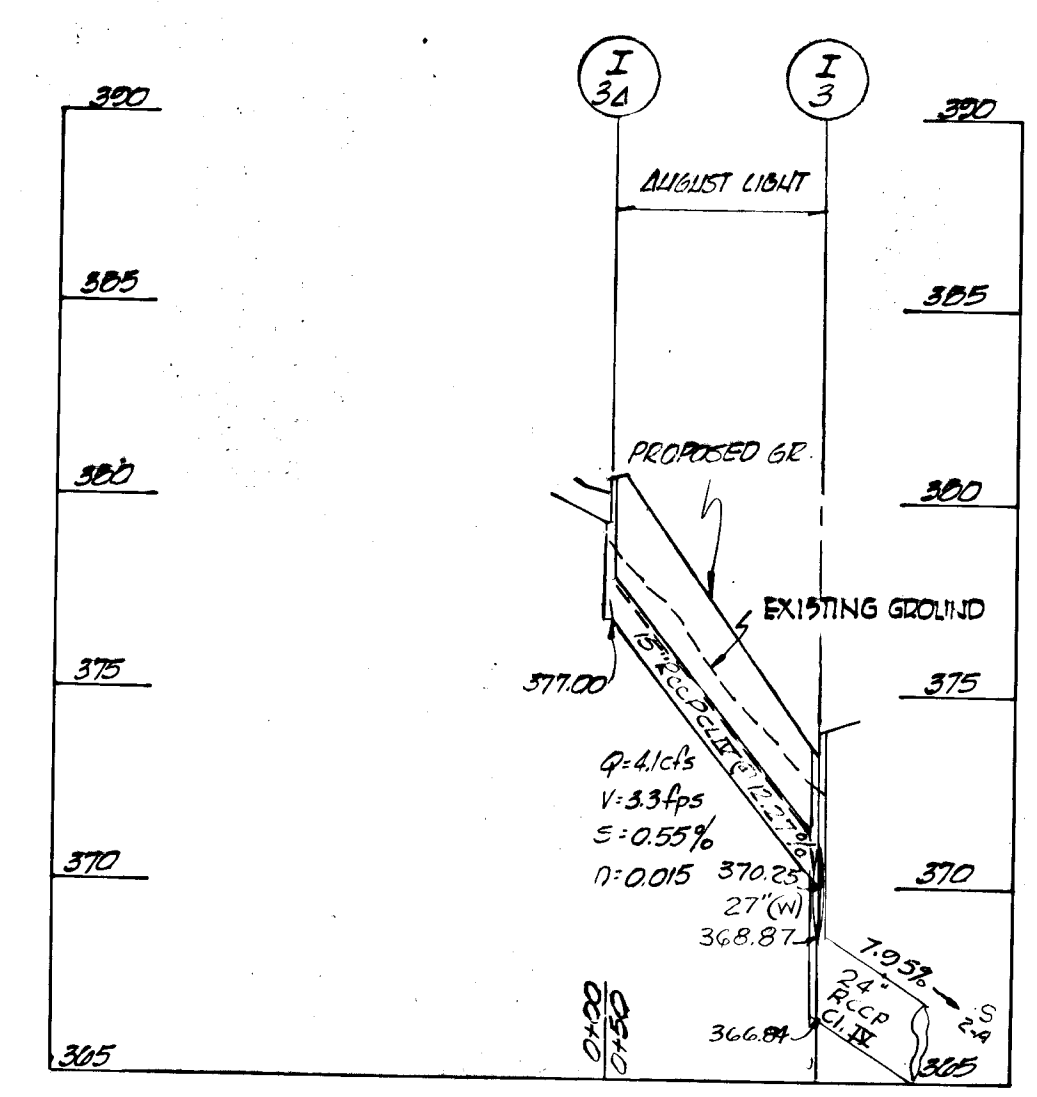
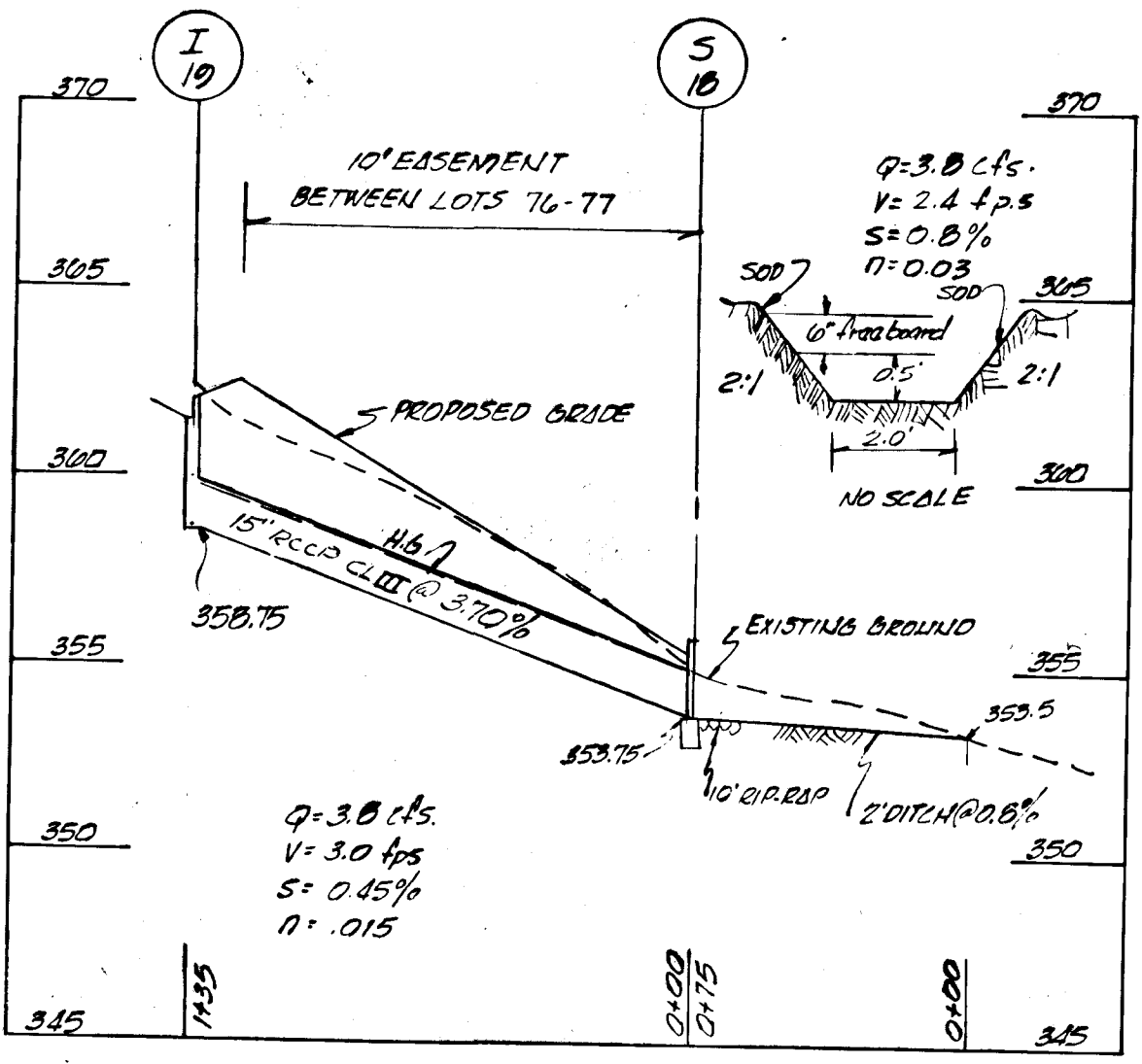
**C.D. MESSICK, JR. & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
21 WEST STREET  
ANNAPOLIS, MARYLAND

*C.D. Messick, Jr.* 11-1-66  
C.D. MESSICK, JR. PE/NO. 3390 DATE



STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN.	INV. OUT.	REMARKS
I-1	ENDWALL TYPE "C"	HEADWALL LT 21+25	375.00		375.00	HO. CO. DETAILS PG. 107
I-2	5" COMB. Dble. Grate	INLET RT 2+75.00	375.00	348.82	348.65	" " " PG. 107
I-3	5" COMB. (Dnd) Single Grate	INLET RT 0+96	374.88	369.87	369.70	SEE DETAILS SHEET 12
I-3A	" " " "	INLET RT 0+95	380.50		377.00	" " " 12
I-4	5" COMB. (Dnd) Single Grate	INLET LT 18+25	384.68	377.08	375.39	" " " 12
I-4A	5" COMB. (Und.) Single Grate	INLET RT 2+03	374.30	369.99	369.49	" " " 12
I-5	" " " "	INLET LT 0+60	389.50	384.80	383.80	" " " 12
I-5A	" " " "	INLET RT 0+60	389.50		383.80	" " " 12
I-6	5" COMB. (Dnd) Single Grate	INLET LT 2+00	402.05	399.30	397.47	" " " 12
I-7	VACO INLET OPEN 15" SIDE	INLET RT 5+20	416.80	409.08	408.34	" " " 12
I-8	VACO INLET OPEN 25" SIDE	INLET RT 5+20	420.10	413.56	412.30	" " " 12
I-9	ENDWALL TYPE "C"	HEADWALL RT 23+55	421.25		417.15	" " " 12
I-10	5" COMB. (Dnd) Single Grate	INLET RT 23+55	385.05	377.20	377.46	HO. CO. DETAILS PG. 107
I-11	5" COMB. (Dnd) Single Grate	INLET RT 22+00	383.10	378.24	378.09	SEE DETAILS SHEET 12
I-12	5" COMB. (Dnd) Single Grate	INLET LT 22+00	383.10		379.08	" " " 12
I-13	ENDWALL TYPE "C"	HEADWALL RT 2+18	382.21		353.75	HO. CO. DETAILS PG. 107
I-14	5" COMB. (Dnd) Single Grate	INLET LT 2+18	382.21	381.85	380.15	PG. 107
I-15	5" COMB. (Dnd) Single Grate	INLET LT 23+55	384.65	377.20	376.80	SEE DETAILS SHEET 12
I-24	5" COMB. (Dnd) Single Grate	INLET LT 15+24	384.65	375.42	374.05	HO. CO. DETAILS PG. 107

For profiles not shown see sheet 16 of 17.



MOVE INLET I-9 & I-24; CHANGE INV. ELEVATIONS F.D.T. 6-31-67

APPROVED  
 ENGINEERING CORPORATION  
 J.H.C.

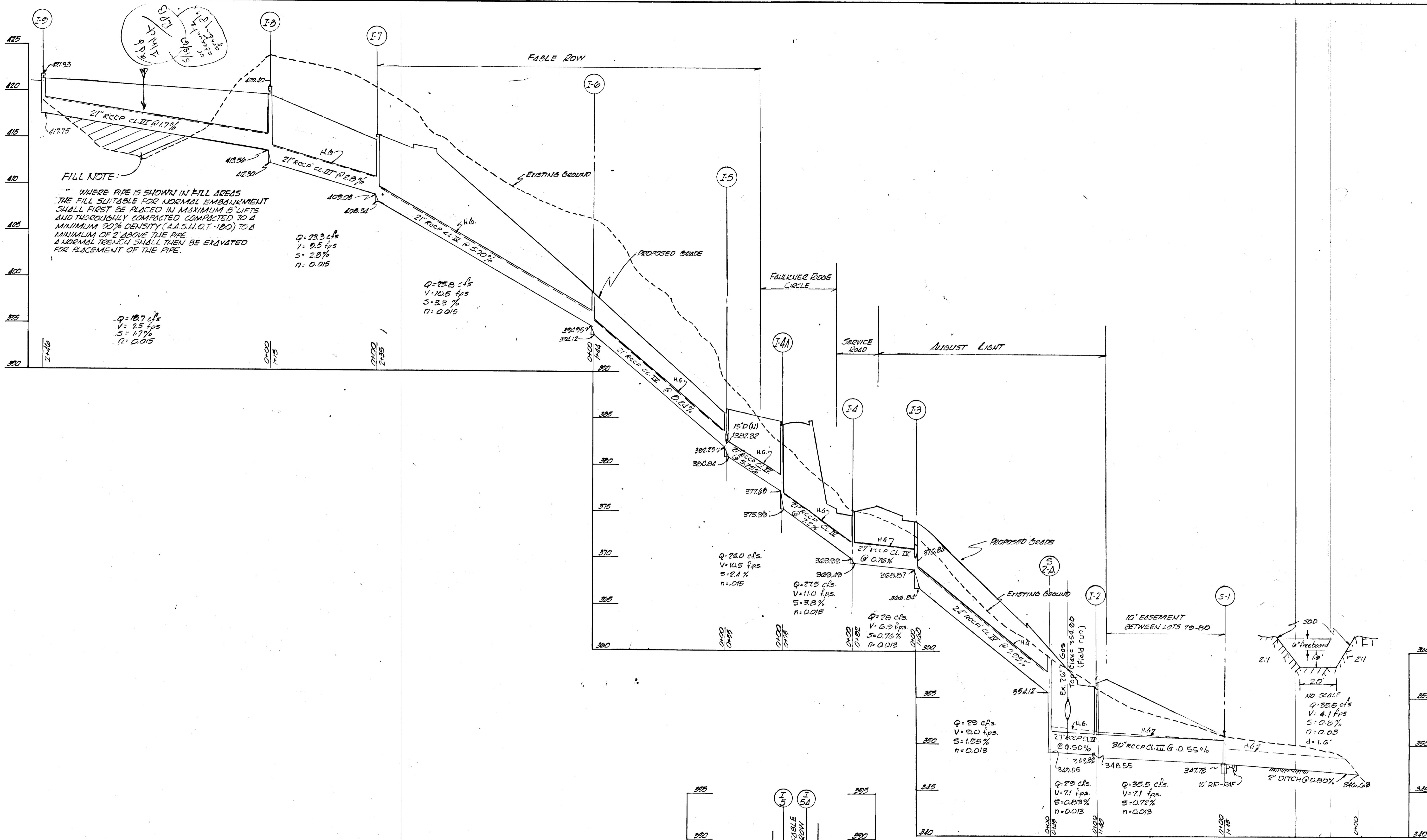
WIDEN PARKING STA 10+10 TO 22+30  
 MOVE END OF CHANGE PIPE FROM I-16 & I-15  
 REVISE PIPE CLASS II TO CLASS III  
 UNLESS PIPE HAS NO BEARING OTHER THAN COVER  
 REVISE PIPE CONNOTATION RCP TO RCP

DESCRIPTION	BY	MARK	DATE
REVISIONS			
SECTION 5			
VILLAGE OF WILDE LAKE			
FAULKNER RIDGE CIRCLE			
COLUMBIA			
SYSTEM "1"			
STORM DRAIN			
SCALE: AS SHOWN	DATE: NOV. 1, 1966		
DESIGNED BY: JAS. J.C. WMH	TRACED BY: WMH.		
CHECKED BY:	DRAWING NO. 15 OF 17		

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

C.D. Messick, Jr. 11-1-66 DATE

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER



**FILL NOTE:**  
 WHERE PIPE IS SHOWN IN FILL AREAS THE FILL SUITABLE FOR NORMAL EMBANKMENT SHALL FIRST BE PLACED IN MAXIMUM 8" LIFTS AND THOROUGHLY COMPACTED TO A MINIMUM 90% DENSITY (A.S.H.T.O. - 100) TO A MINIMUM OF 2' ABOVE THE PIPE. A NORMAL TRENCH SHALL THEN BE EXCAVATED FOR PLACEMENT OF THE PIPE.

Q = 23.3 cfs  
 V = 9.5 fps  
 S = 2.8%  
 n = 0.015

Q = 25.8 cfs  
 V = 10.5 fps  
 S = 3.3%  
 n = 0.015

Q = 26.0 cfs  
 V = 10.5 fps  
 S = 2.1%  
 n = 0.015

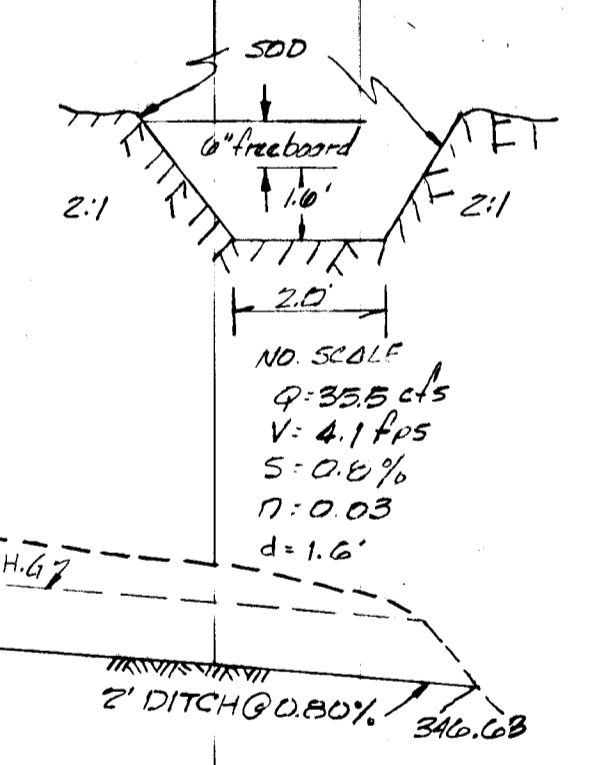
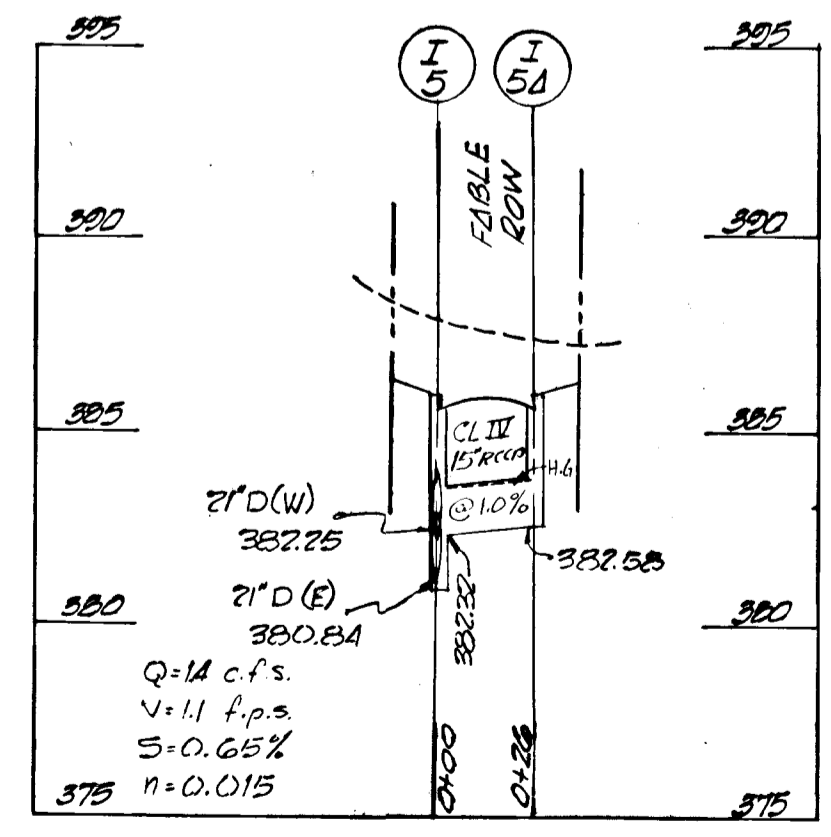
Q = 27.5 cfs  
 V = 11.0 fps  
 S = 3.8%  
 n = 0.015

Q = 28 cfs  
 V = 6.9 fps  
 S = 0.76%  
 n = 0.013

Q = 29 cfs  
 V = 9.0 fps  
 S = 1.85%  
 n = 0.013

Q = 20 cfs  
 V = 7.1 fps  
 S = 0.83%  
 n = 0.013

Q = 33.5 cfs  
 V = 7.1 fps  
 S = 0.76%  
 n = 0.013

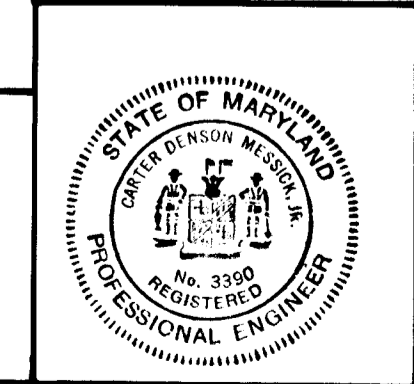


APPROVED  
 PLANNING COMMISSION  
 OF WILDE LAKE  
 DATE: 5-5-67

REVISE INVERT ELEVATIONS & PIPE STATIONS F.D.T.	RCE	5-31-67	
REVISE PIPE CONNOTATION RCP TO RCCP	RCE	5-5-67	
DESCRIPTION	BY	MARK	DATE
REVISIONS			
<b>VILLAGE OF WILDE LAKE</b>			
SECTION 5			
FAULKNER RIDGE CIRCLE			
<b>COLUMBIA</b>			
SYSTEM "1"			
STORM DRAIN			
SCALE: PROFILE: VERT. 1"=5'	DATE: NOV. 1, 1967		
DESIGNED BY: JAS. JCS. WM.H.	TRACED BY: W.M.H.		
CHECKED BY:	DRAWING NO. 16 of 17		

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

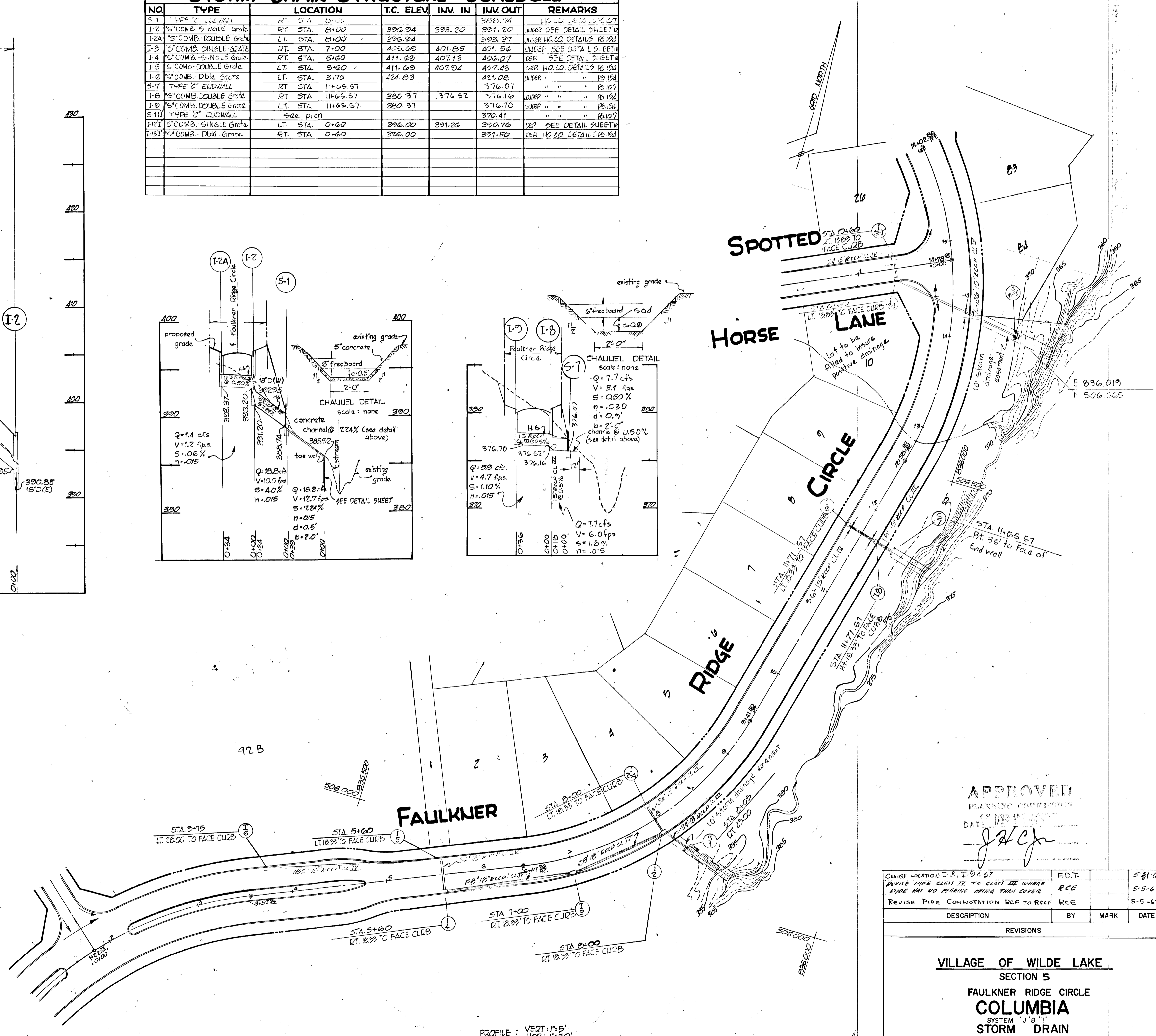
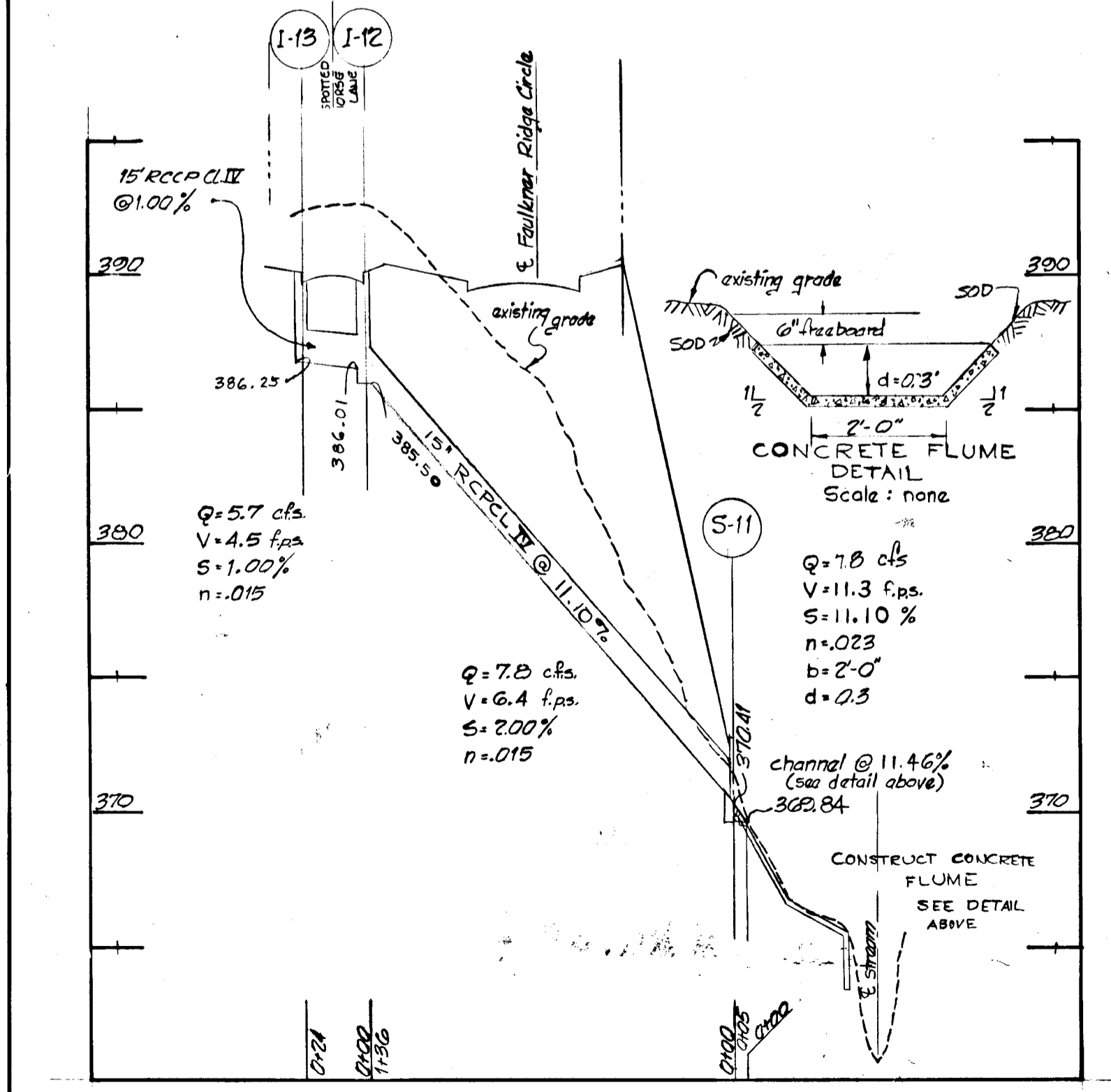
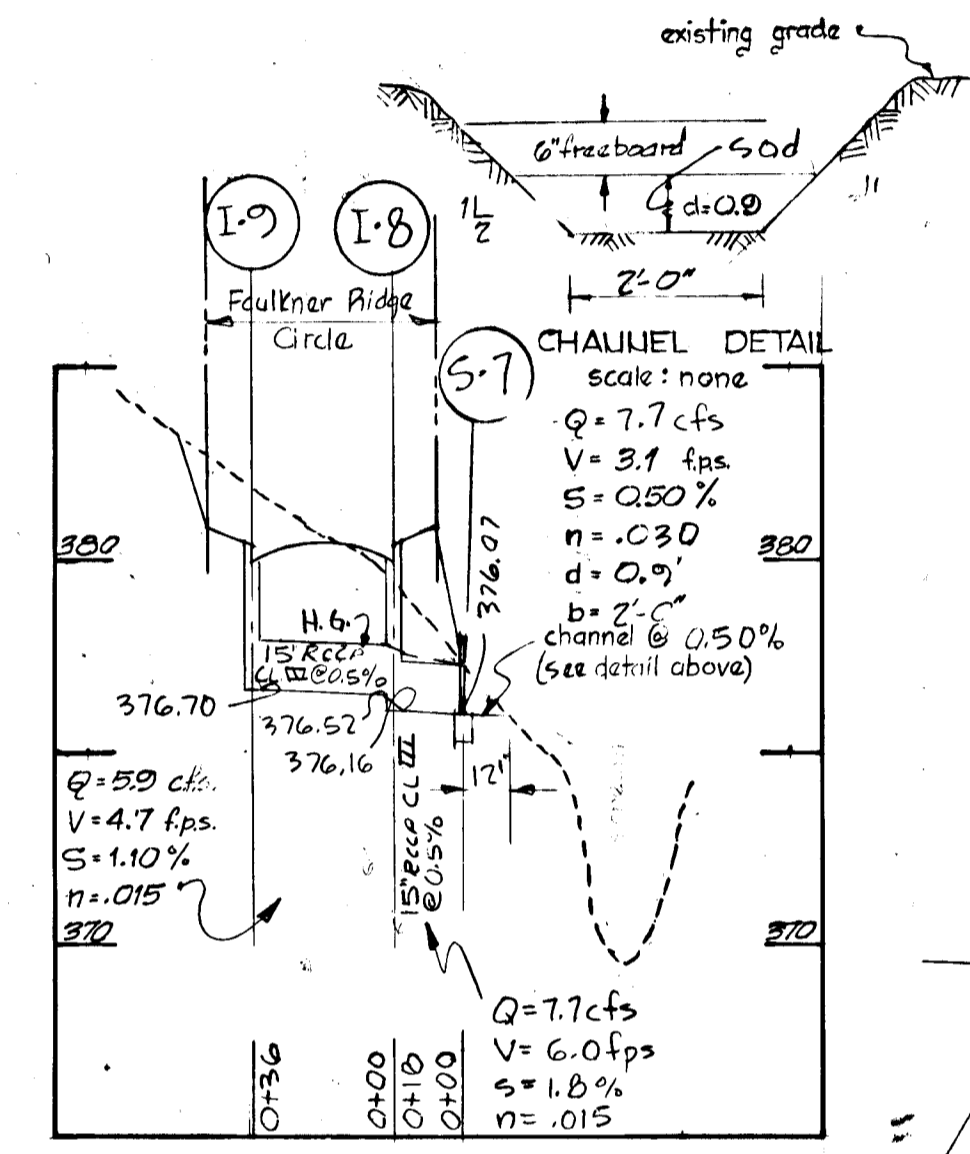
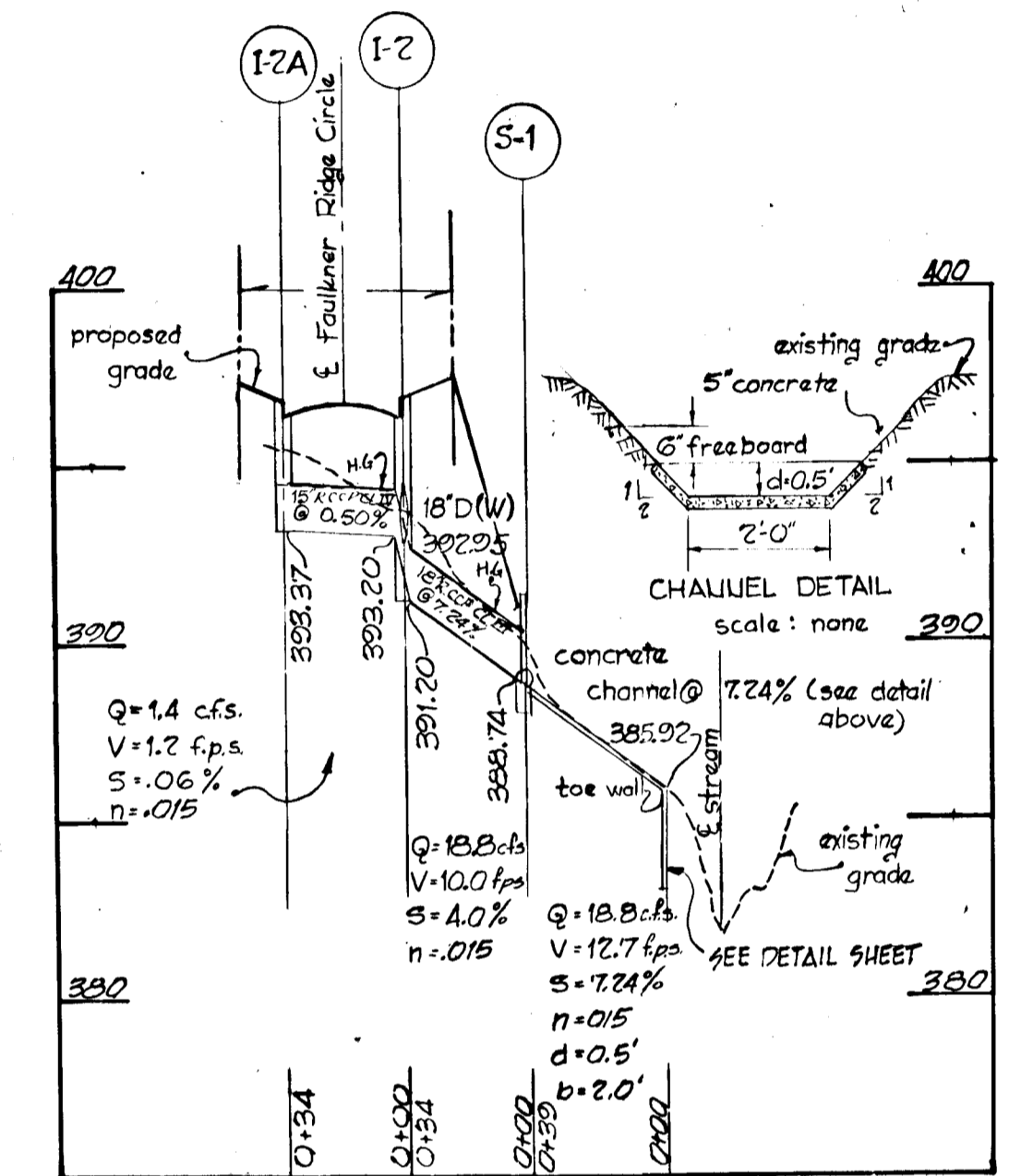
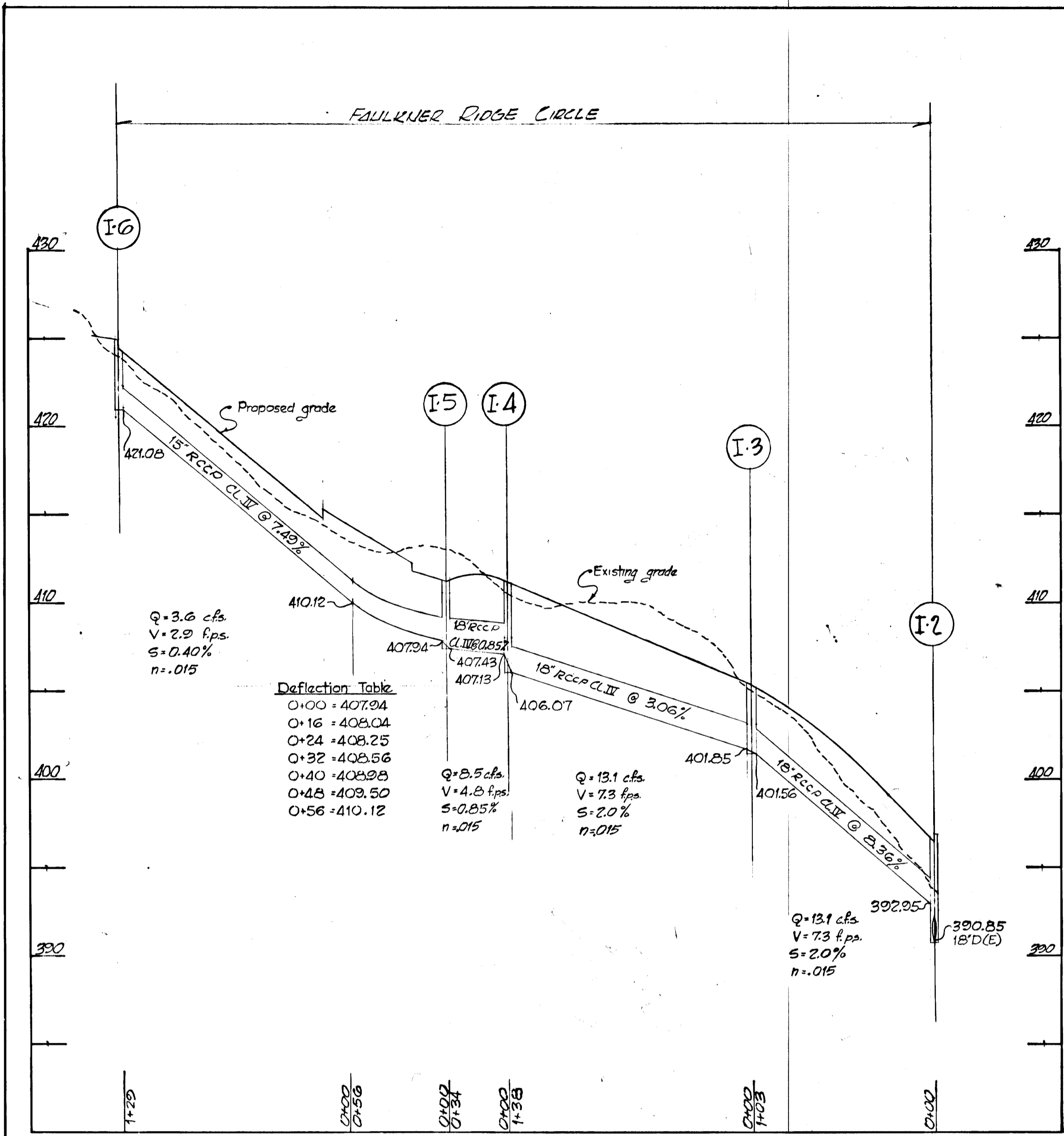
*C.D. Messick, Jr.* 11-1-66  
 C.D. MESSICK, JR. P.E. NO. 3390 DATE





### STORM DRAIN STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	T.C. ELEV.	INV. IN	INV. OUT	REMARKS
S-1	TYPE "C" CULWALL	RT. STA. 0+00	396.94	398.20	391.20	NO CO. DETAILS TO DET.
I-2	5" COMB. SINGLE Grate	RT. STA. 0+00	396.94	398.20	391.20	UNDER SEE DETAIL SHEET
I-2A	5" COMB. DOUBLE Grate	LT. STA. 0+00	396.94	398.20	391.20	UNDER HO. CO. DETAILS TO DET.
I-3	5" COMB. SINGLE Grate	RT. STA. 7+00	405.09	401.85	401.56	UNDER SEE DETAIL SHEET
I-4	5" COMB. SINGLE Grate	RT. STA. 5+00	411.69	407.18	406.07	UNDER SEE DETAIL SHEET
I-5	5" COMB. DOUBLE Grate	LT. STA. 5+00	411.69	407.34	407.43	UNDER HO. CO. DETAILS TO DET.
I-6	5" COMB. DBL. Grate	LT. STA. 3+75	424.83	424.08	424.08	UNDER " " " " " " " "
S-7	TYPE "C" CULWALL	RT. STA. 11+65.57	376.37	376.52	376.07	UNDER " " " " " " " "
I-8	5" COMB. DOUBLE Grate	RT. STA. 11+65.57	380.37	376.16	376.16	UNDER " " " " " " " "
I-9	5" COMB. DOUBLE Grate	LT. STA. 11+65.57	380.37	376.70	376.70	UNDER " " " " " " " "
S-11	TYPE "C" CULWALL	SEE PLAN	370.41	370.41	370.41	UNDER " " " " " " " "
I-12	5" COMB. SINGLE Grate	LT. STA. 0+60	396.00	391.26	390.76	UNDER SEE DETAIL SHEET
I-13	5" COMB. DBL. Grate	RT. STA. 0+60	396.00	391.50	391.50	UNDER HO. CO. DETAILS TO DET.



APPROVED  
PLANNING COMMISSION  
DATE: 11-1-66

*JAC*

DESCRIPTION	BY	MARK	DATE
CHANGE LOCATION I-8, I-9 & I-12			5-21-67
REVISE PIPE CLASS II TO CLASS III WHERE RIDGE HAS NO HARBING OTHER THAN COVER	RCE		5-5-67
REVISE PIPE CONNECTION RCP TO RCP	RCE		5-5-67

REVISIONS

VILLAGE OF WILDE LAKE  
SECTION 5  
FAULKNER RIDGE CIRCLE  
COLUMBIA  
SYSTEM "J" & "T"  
STORM DRAIN

SCALE	DATE
AS SHOWN	11-1-66
DESIGN BY: JAS, JCS, WMH	TRACED BY: WHD
CHECKED BY:	DRAWING NO. 17 of 17

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

*C.D. Messick Jr.* 11-1-66  
C.D. MESSICK JR. P.E. NO. 3390 DATE

