

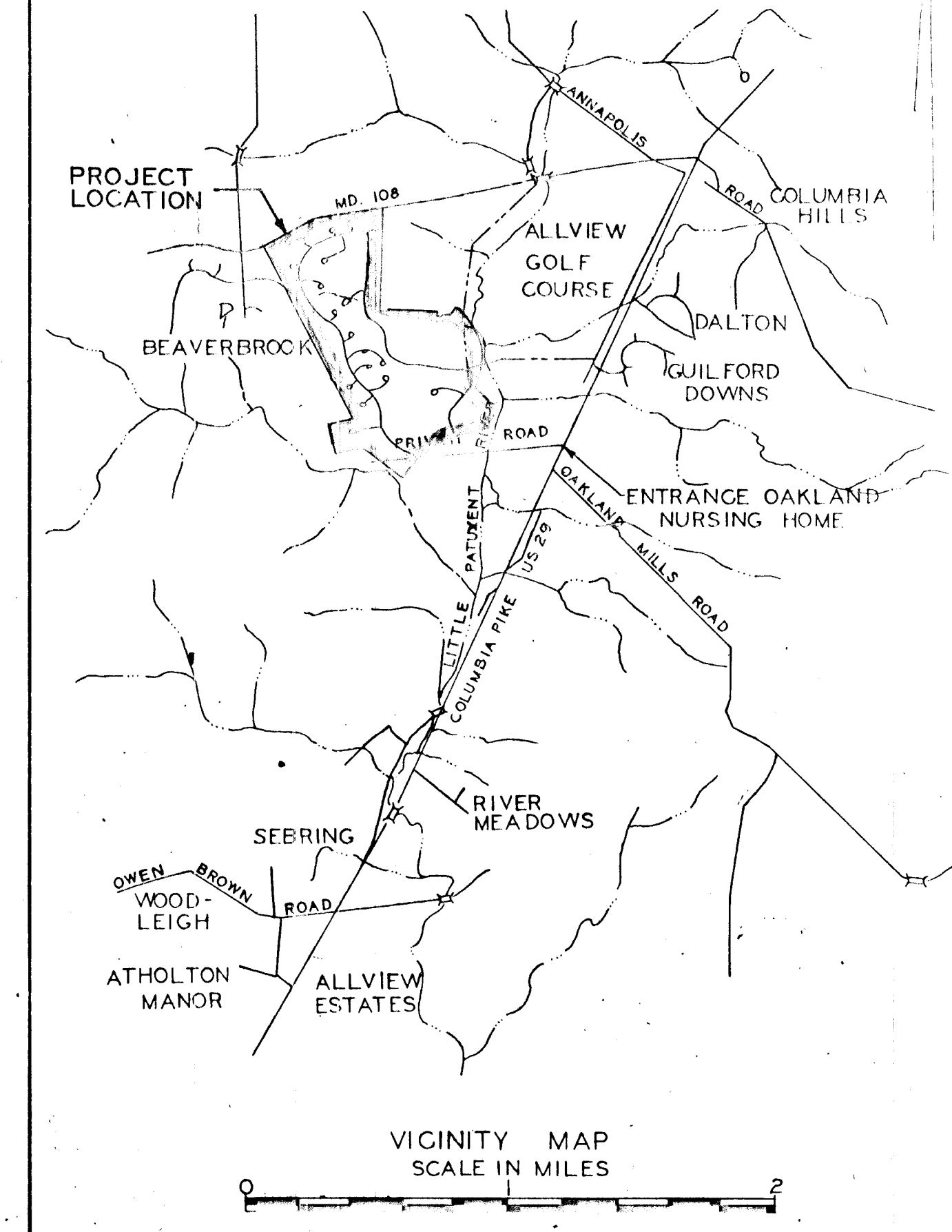
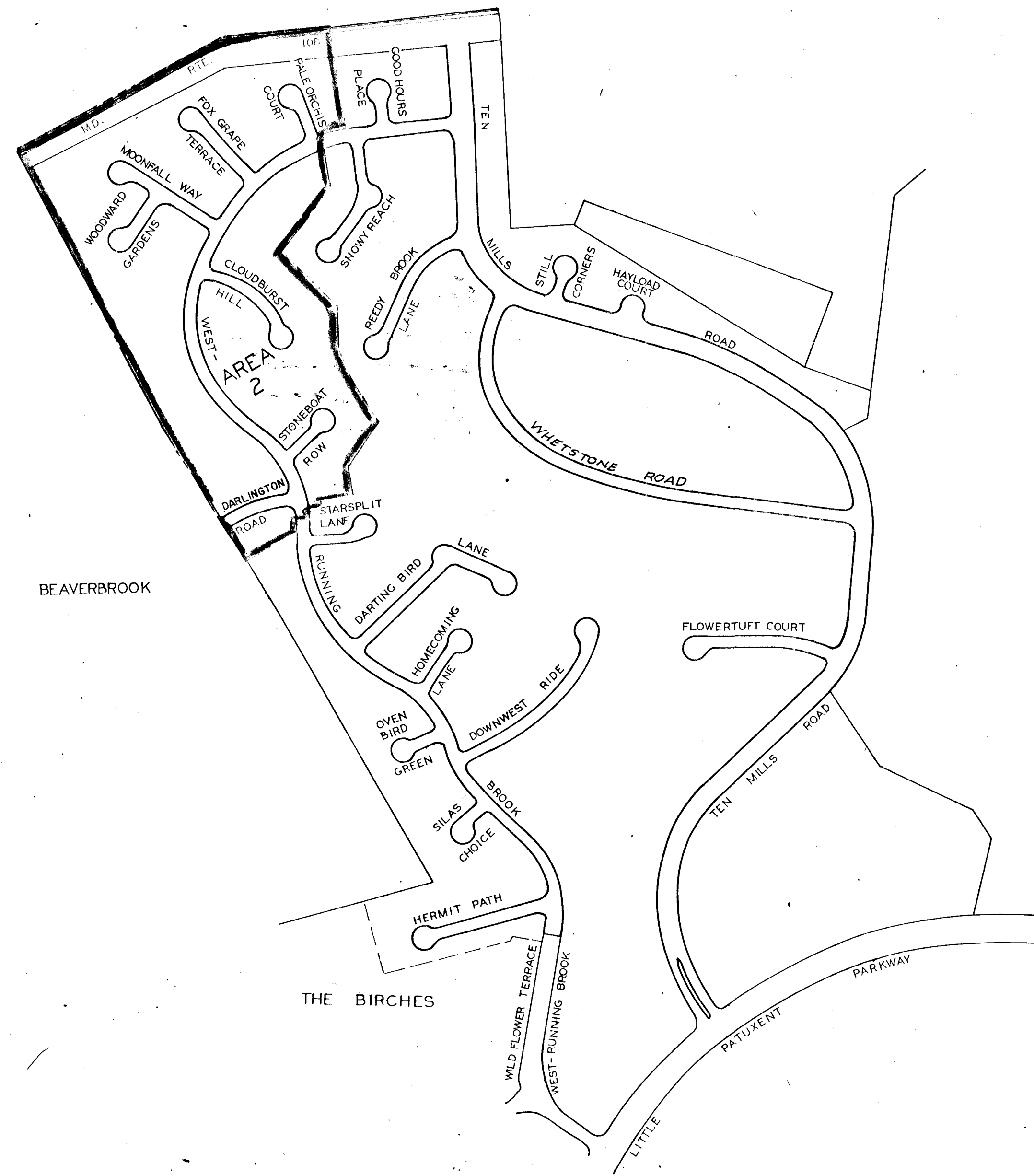
COLUMBIA

ELECTION DISTRICT 5

VILLAGE OF WILDE LAKE SECTION 9 - RUNNING BROOK AREA 2

HOWARD COUNTY, MARYLAND

JUNE 23, 1967



INDEX

STREET NAME	DRAWING NO.
TITLE	1
WEST-RUNNING BROOK ROAD	2-3
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STONEBOAT ROW	4
CLOUDBURST HILL	5
MOONFALL WAY	6
WOODWARD GARDENS	6
FOX GRAPE TERRACE	7
PALE ORCHIS COURT	7
STORM DRAINS	8-9
DETAIL SHEET	10

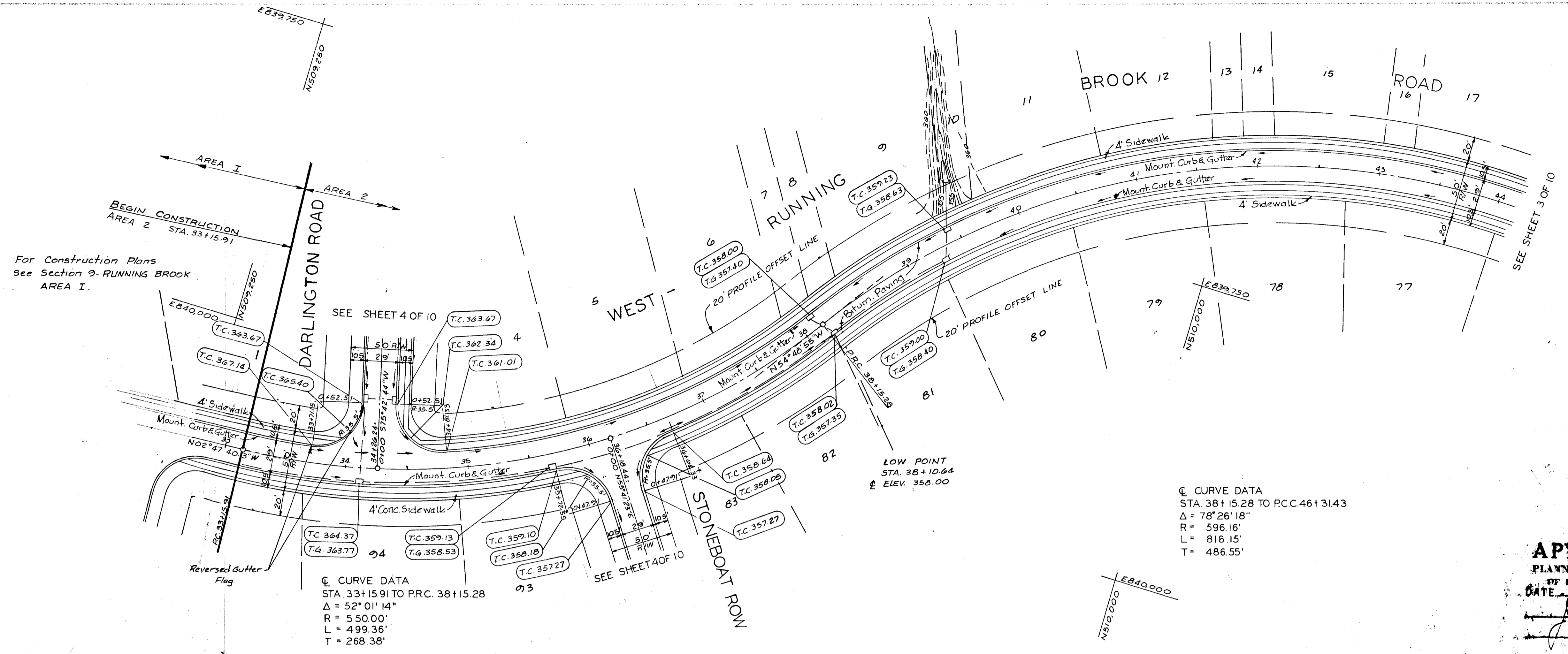
HOWARD COUNTY PLANNING COMMISSION
 SENIOR ENGINEER: *J. H. Lawson* 12-7-67
 HOWARD COUNTY ROADS DEPARTMENT
 ROAD SUPT.: *William W. Townsend* 12-8-67
 HOWARD COUNTY METROPOLITAN COMMISSION
 CHIEF ENGINEER: *W. O. Lambert* 12-12-67

CONSOER, TOWNSEND & ASSOCIATES
 CONSULTING ENGINEERS
 64% AND MANOR, COLUMBIA, MARYLAND
 WILLIAM W. TOWNSEND, P.E. 5177
 REGISTERED PROFESSIONAL ENGINEER
 DATE: 6/23/67

MAP LAYOUT
 SCALE: 1"=400'

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

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: PLAN
 PROJECT: PAVING PLAN-AREA 2
 WEST-RUNNING BROOK

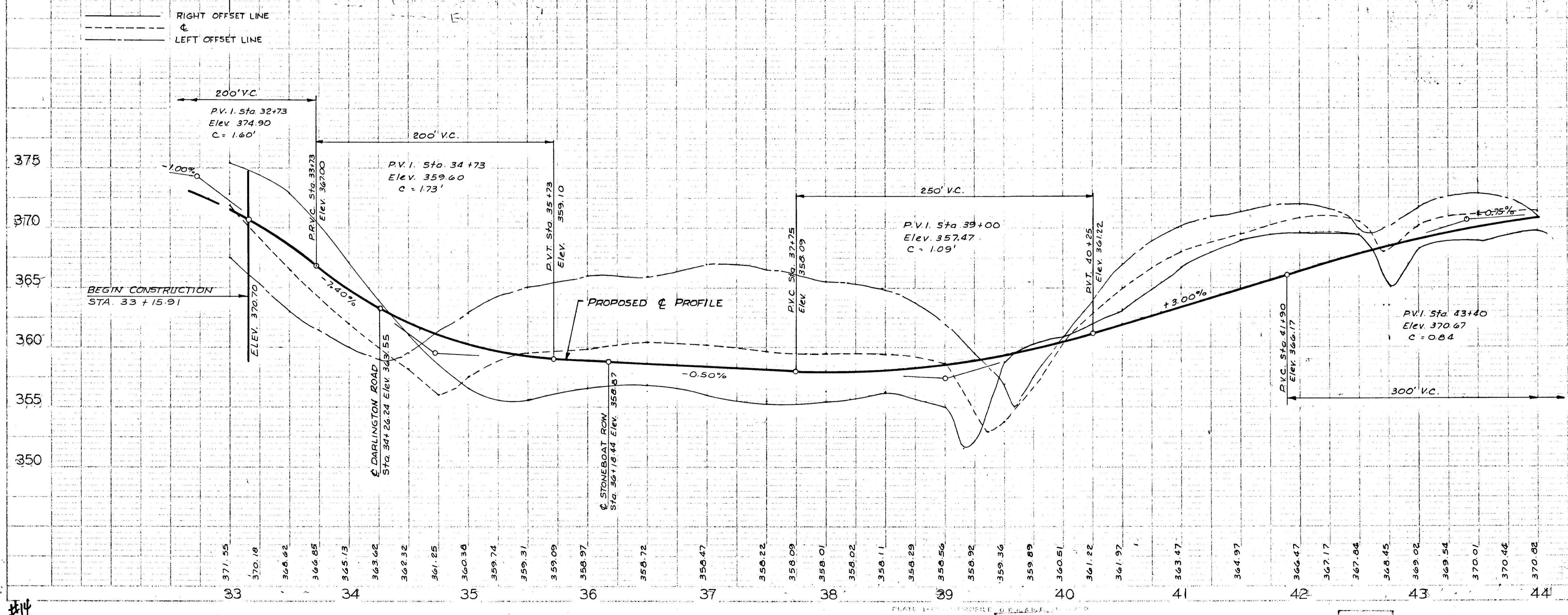


APPROVED
 PLANNING COMMISSION
 OF HOWARD COUNTY
 DATE: 12/7/67
 J.K.C.

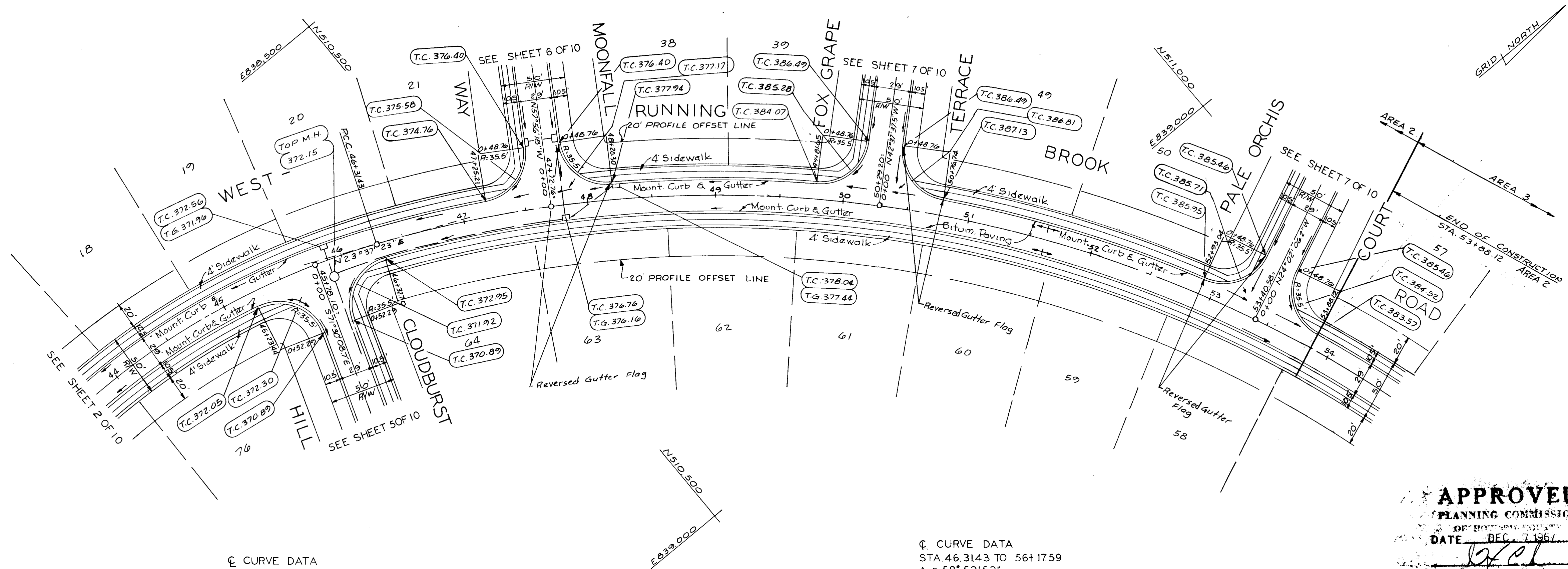
Rev Date	Rev No	Revision Description
COLUMBIA MARYLAND		
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210		
PROJECT AREA VILLAGE OF WILDE LAKE		
SECTION 9 - RUNNING BROOK		
PROJECT TITLE PAVING PLAN-AREA 2 WEST-RUNNING BROOK		
Des By	N.J.L.	Scale 1"=50'
Drn By	J.G.M.	Date 6/23/67
Chk By	R.J.S.	Approved R.K.
Dwg No	2 of 10	C.C.F. No

TOTAL EARTHWORK - AREA 2

(Assume 6" thickness)	cut	22331 cy.
	strip & store topsoil	4931
	Earth Excavation	18400
(Assume 6" thickness)	Unadjusted Fill	22879
	Replacement of stripped topsoil	4983
	+20% compaction	5573
	Adjusted Fill	33435
	Borrow	15035 cy.
	Removal & Disposal of Unsuitable Material	2960 cy. 370
(4" thick)	Spreading Topsoil	2575 cy.



DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: PROFILE
 PROJECT: PAVING PLAN-AREA 2
 WEST-RUNNING BROOK

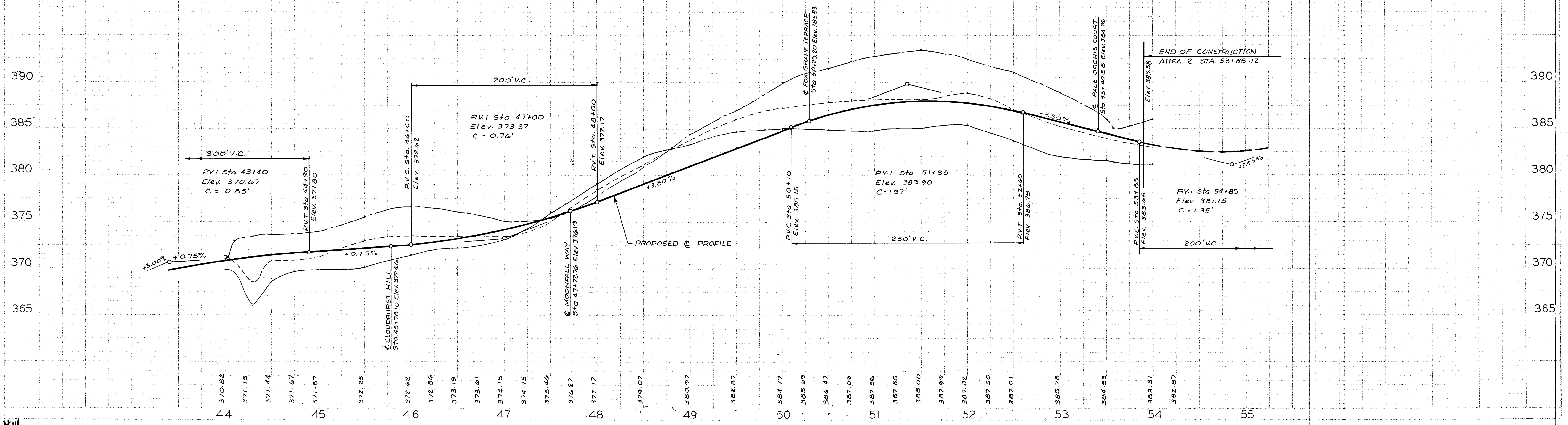
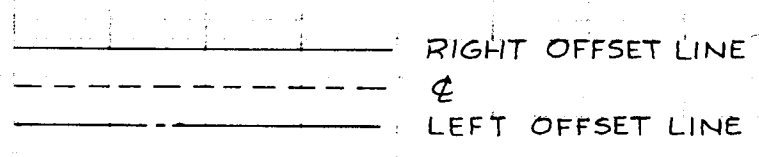


@ CURVE DATA
 STA. 38+15.28 TO P.C.C. 46+31.43
 $\Delta = 78^\circ 26' 18''$
 $R = 596.16'$
 $L = 816.15'$
 $T = 486.55'$

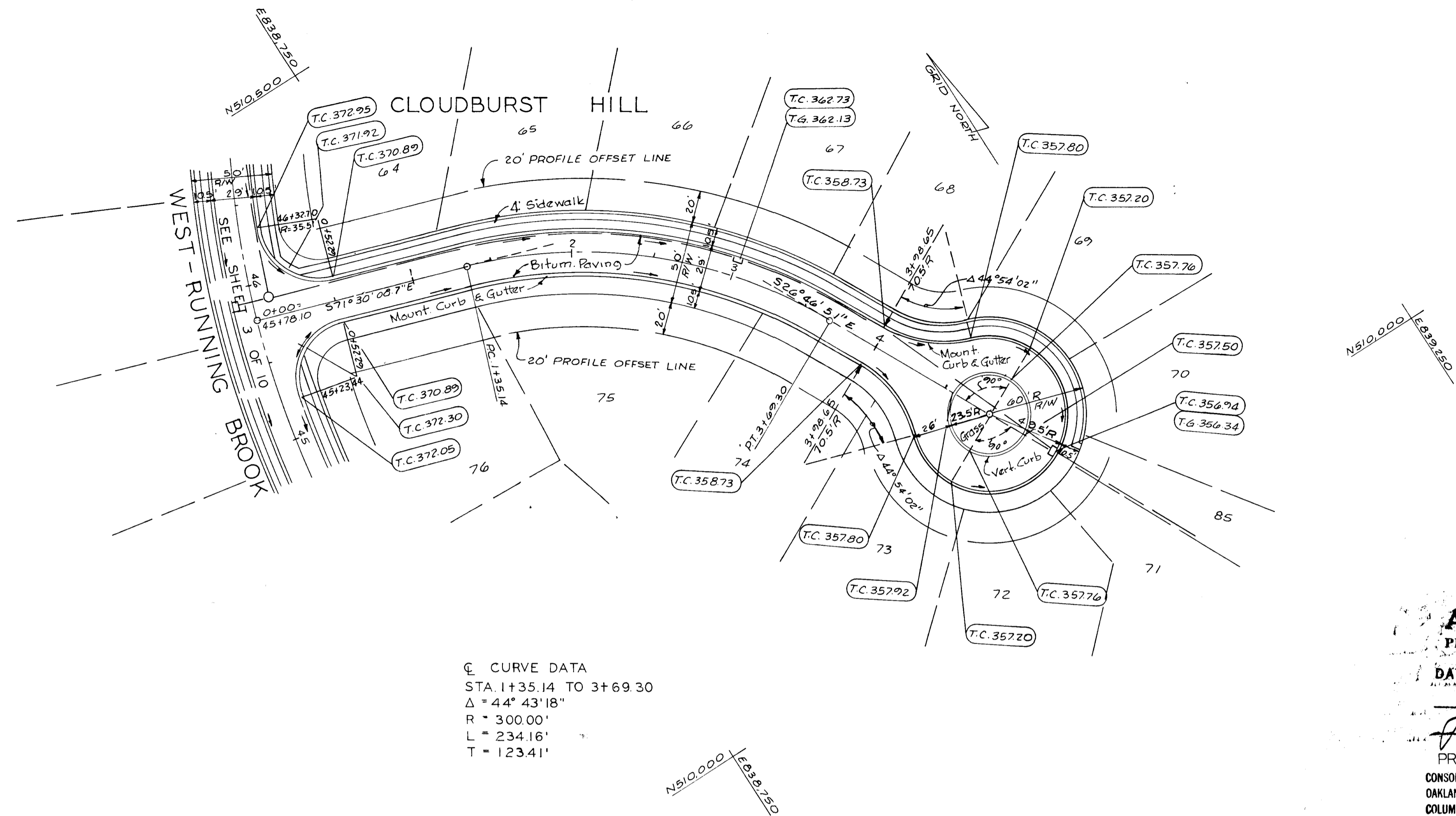
@ CURVE DATA
 STA. 46.3143 TO 56+17.59
 $\Delta = 58^\circ 52' 52''$
 $R = 959.61'$
 $L = 986.16'$
 $T = 541.61'$

APPROVED
 PLANNING COMMISSION
 DATE DEC. 7, 1967

Rev Date	Rev No	Revision Description
COLUMBIA		
M A R Y L A N D		
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210		
PROJECT AREA VILLAGE OF WILDE LAKE SECTION 9 - RUNNING BROOK		
PROJECT TITLE PAVING PLAN - AREA 2 WEST-RUNNING BROOK		
Des By	N.J.L.	Scale 1"=50'
Drn By	J.G.M.	Date 6/23/67
Chk By	K.J.S.	Approved P.M.
Dwg No	3 of 10	C.C.F. No



#14



☉ CURVE DATA
 STA 1+35.14 TO 3+69.30
 $\Delta = 44^\circ 43' 18''$
 $R = 300.00'$
 $L = 234.16'$
 $T = 123.41'$

APPROVED
 PLANNING COMMISSION
 OF THE VILLAGE OF WILDE LAKE
 DATE DEC 7 1967
 PREPARED BY:
 CONSOER, TOWNSEND & ASSOCIATES
 OAKLAND MANOR OFFICE BUILDING
 COLUMBIA, MARYLAND, 21043

Rev Date	Rev No	Revision Description

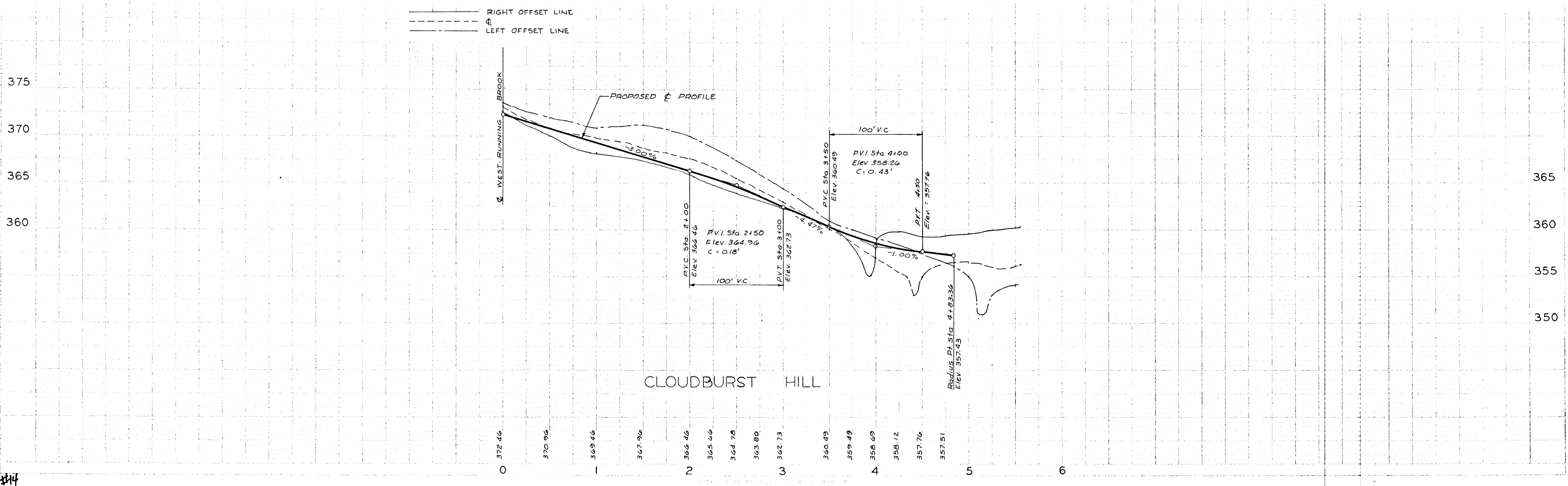
COLUMBIA
 MARYLAND

THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210

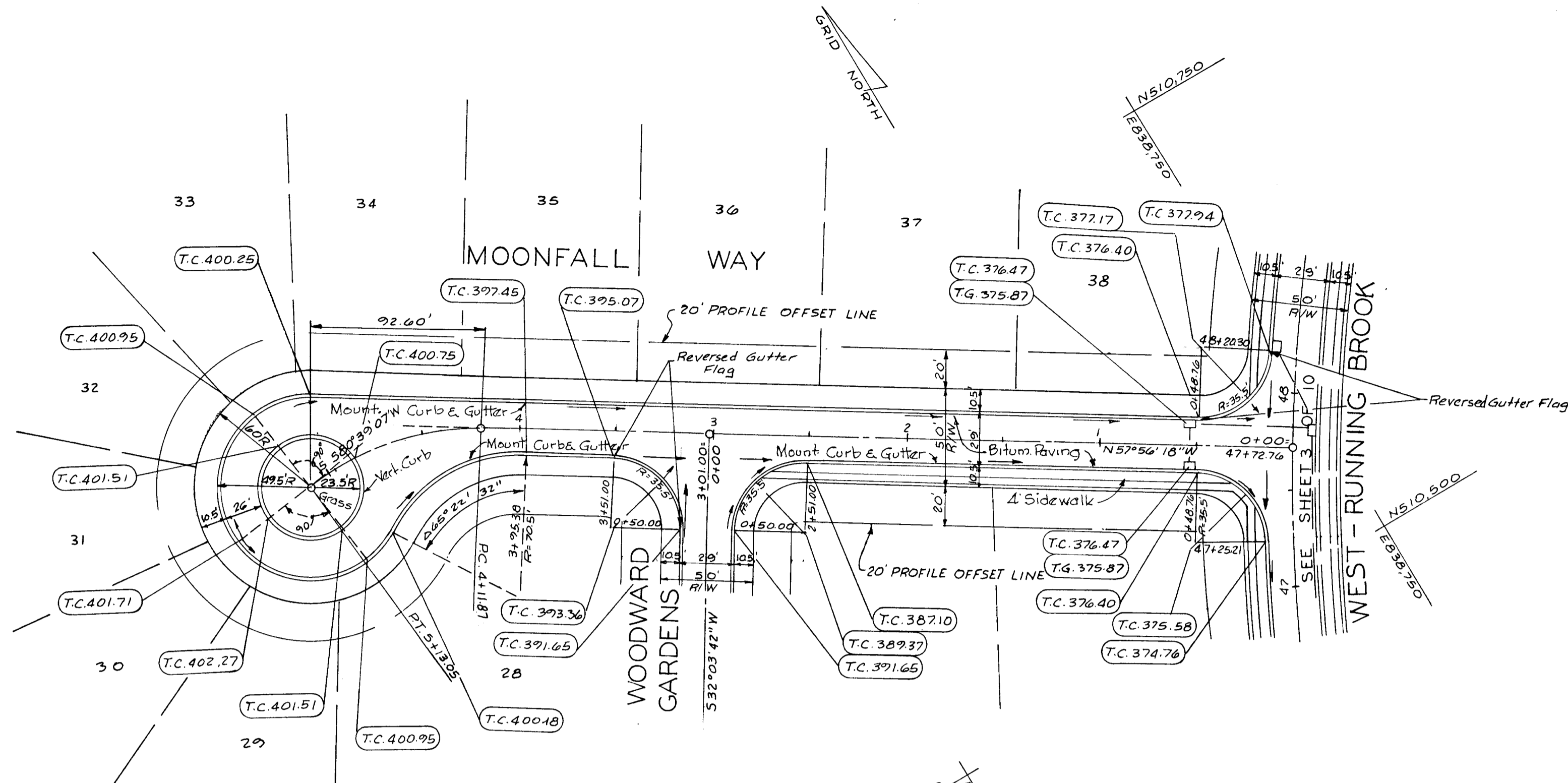
PROJECT AREA VILLAGE OF WILDE LAKE
 SECTION 9 - RUNNING BROOK

PROJECT TITLE PAVING PLAN-AREA 2
 CLOUBURST HILL

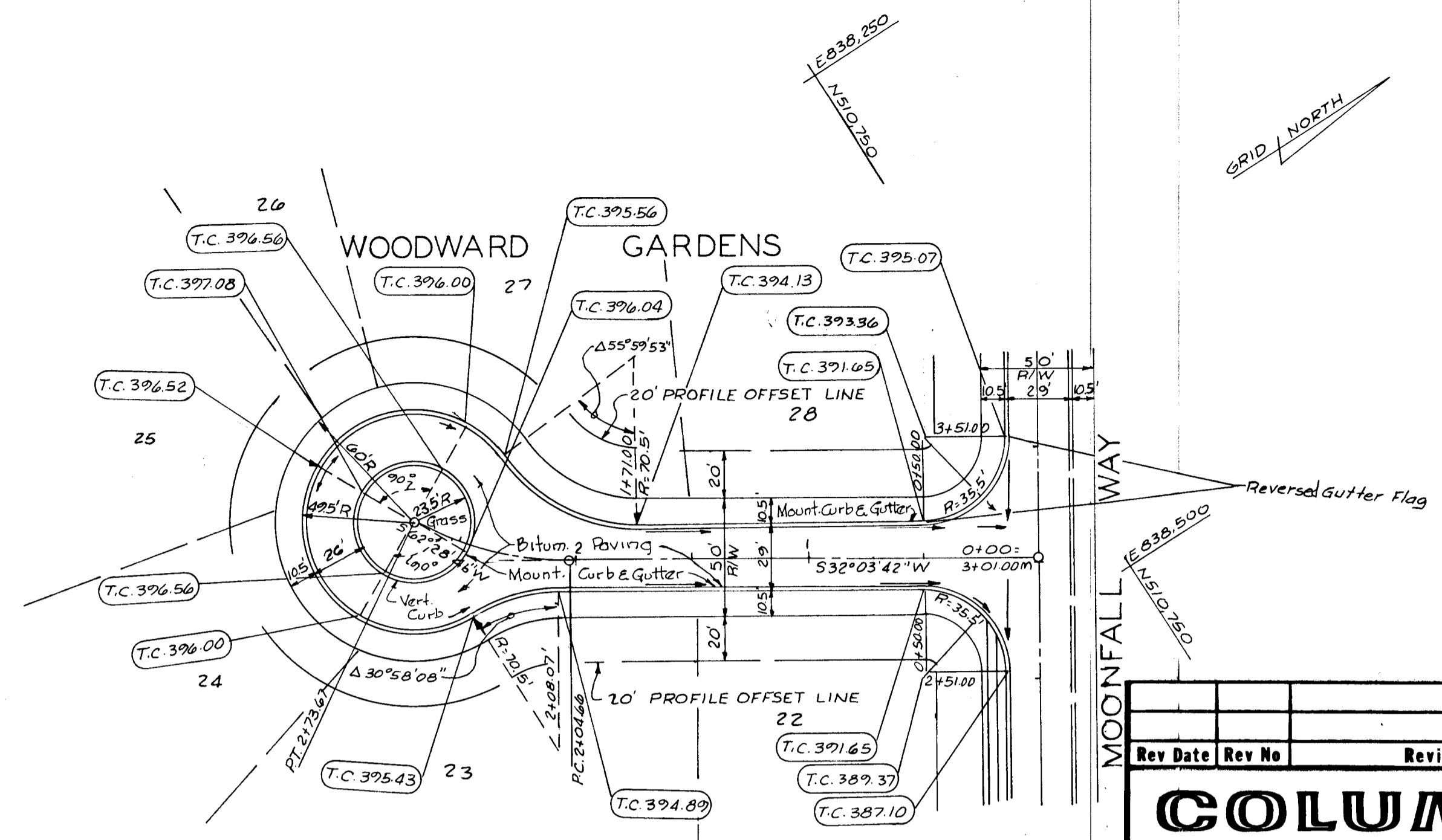
Des By N.J.L.	Scale 1"=50'	Dwg No 6 of 10
Drn By J.G.M.	Date 6/23/67	C.C.F. No
Chk By K.J.S.	Approved P.K.	



314



CURVE DATA
 STA. 4+11.87 TO 5+13.05
 $\Delta = 41^\circ 24' 35''$
 $R = 140.00'$
 $L = 101.18'$
 $T = 52.91'$

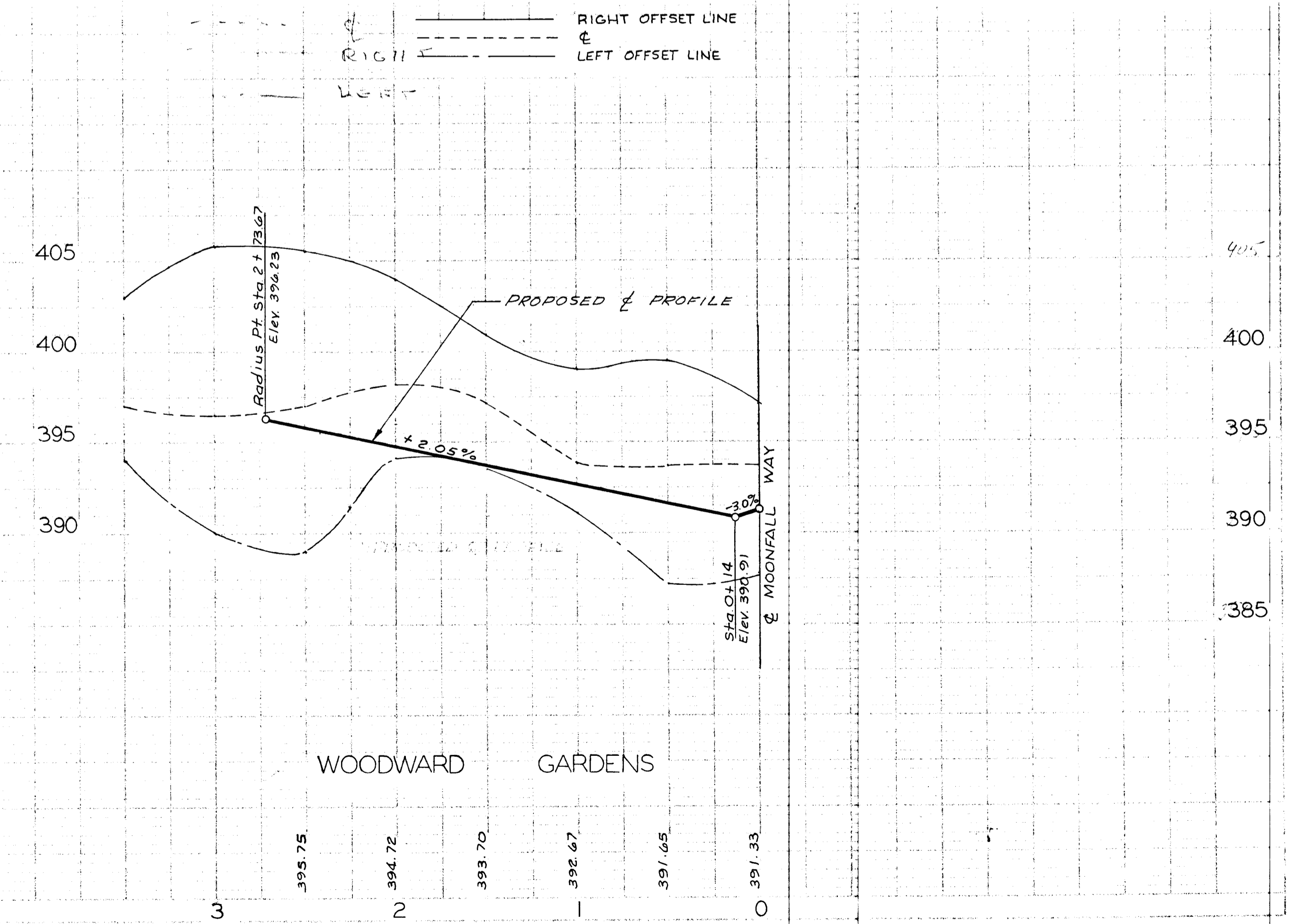
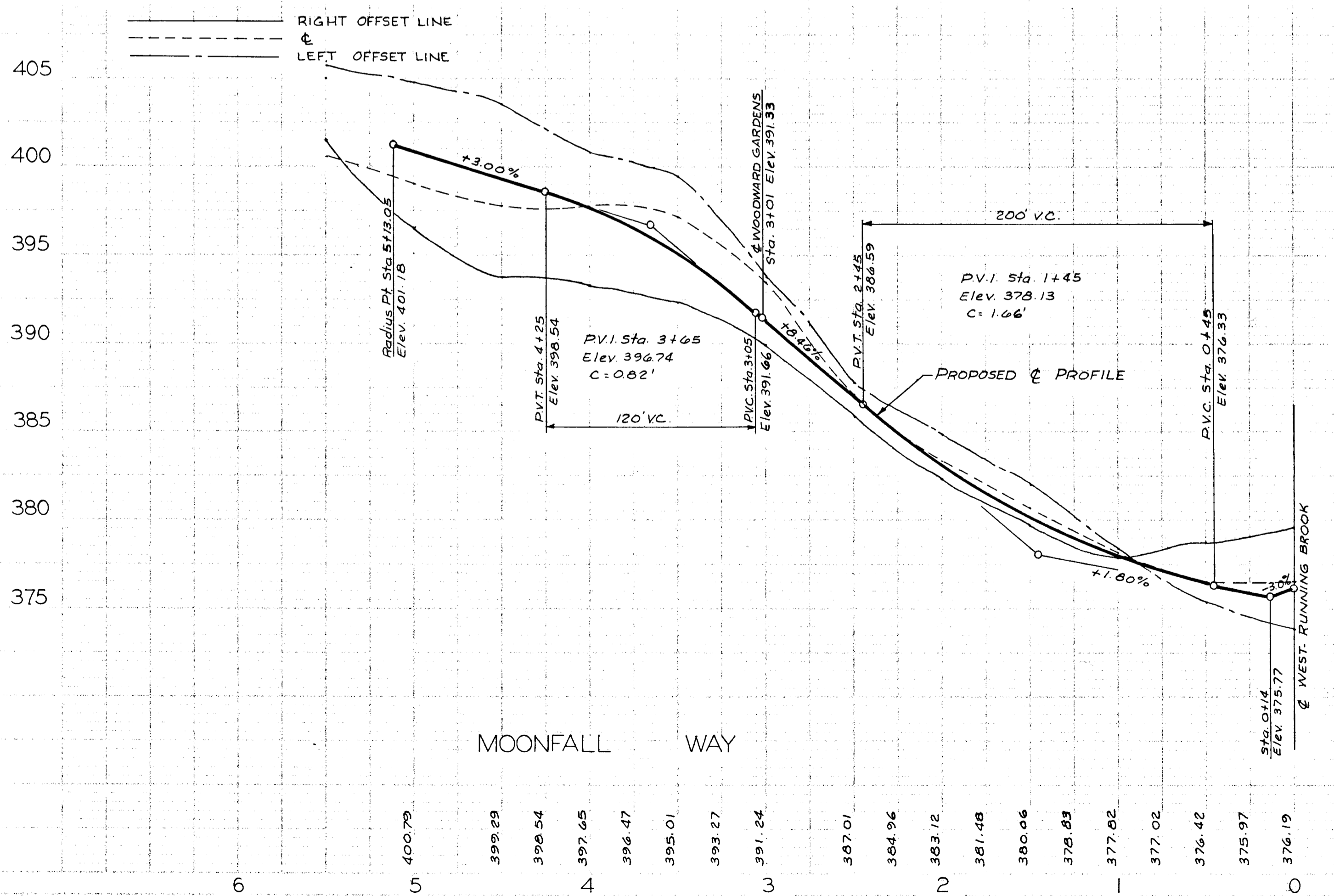


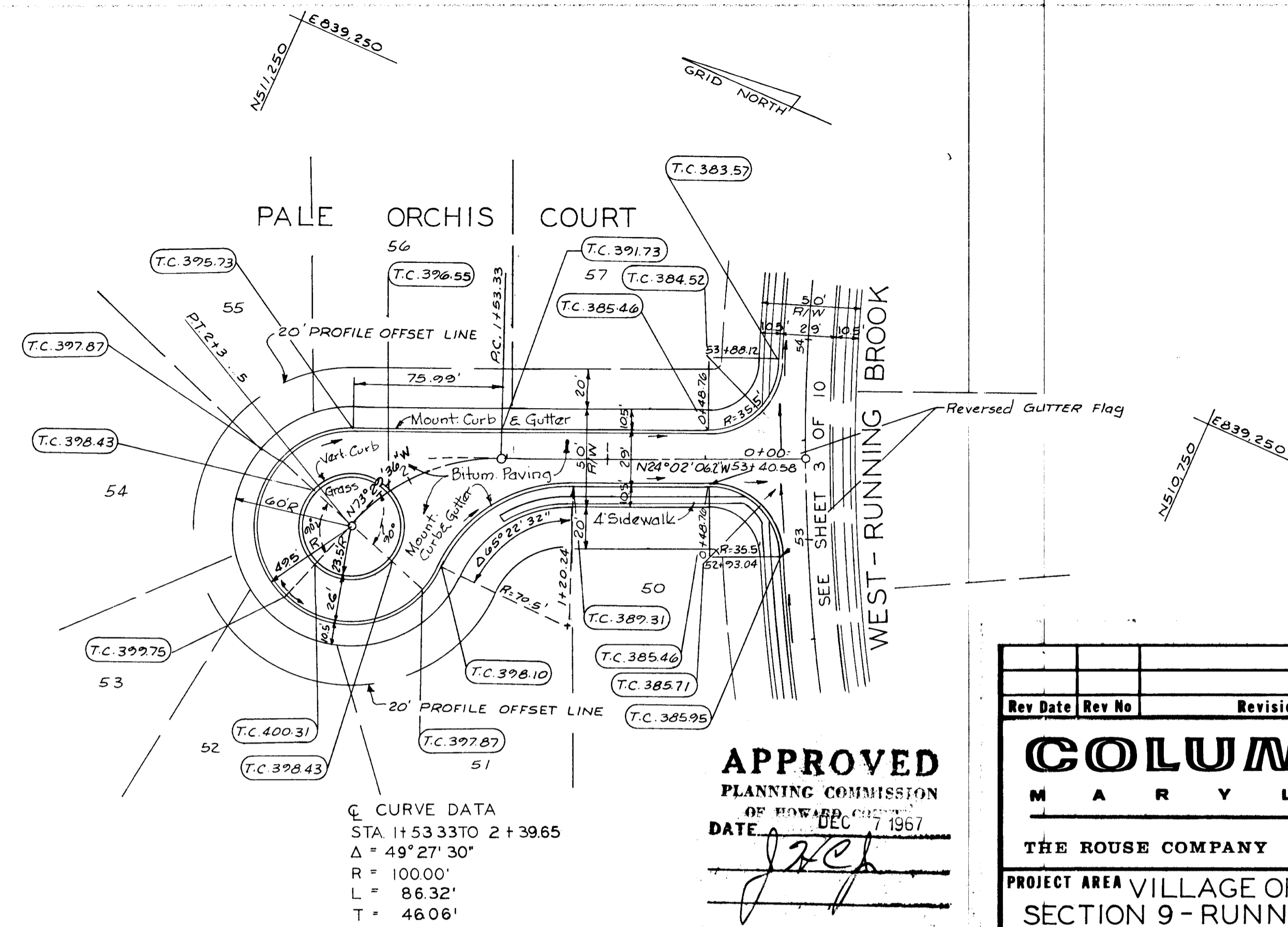
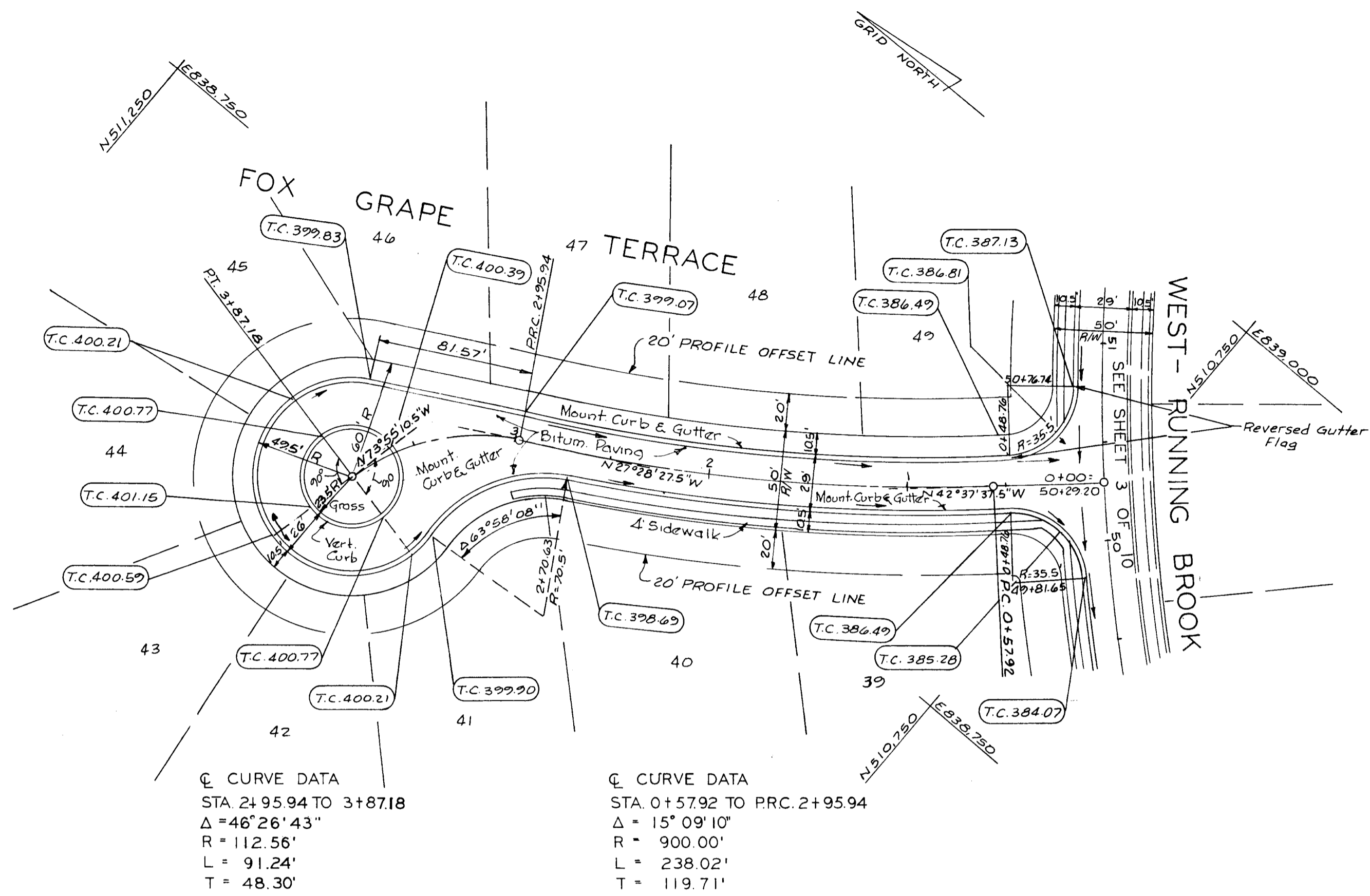
CURVE DATA
 STA. 2+04.66 TO 2+73.67
 $\Delta = 30^\circ 25' 04''$
 $R = 130.00'$
 $L = 69.02'$
 $T = 35.34'$

APPROVED
 PLANNING COMMISSION
 OF THE CITY AND COUNTY OF BALTIMORE
 DATE: DEC 7 1967
 PREPARED BY:
 CONSER, TOWNSEND & ASSOCIATES
 OAKLAND MANOR OFFICE BUILDING
 COLUMBIA, MARYLAND, 21043

Rev Date	Rev No	Revision Description

COLUMBIA
 MARYLAND
 THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210
 PROJECT AREA VILLAGE OF WILDE LAKE SECTION 9 - RUNNING BROOK
 PROJECT TITLE PAVING PLAN AREA 2 MOONFALL WAY - WOODWARD GARDENS
 Des By N.J.L. Scale 1"=50' Dwg No 60110
 Drn By J.G.M. Date 6/23/67 C.C.F. No
 Chk By K.J.S. Approved P.K.





APPROVED
 PLANNING COMMISSION
 OF HOWARD COUNTY
 DATE: DEC 7 1967

J.P.C.

PREPARED BY:
 CONSER, TOWNSEND & ASSOCIATES
 OAKLAND MANOR OFFICE BUILDING
 COLUMBIA, MARYLAND, 21043

Rev Date	Rev No	Revision Description

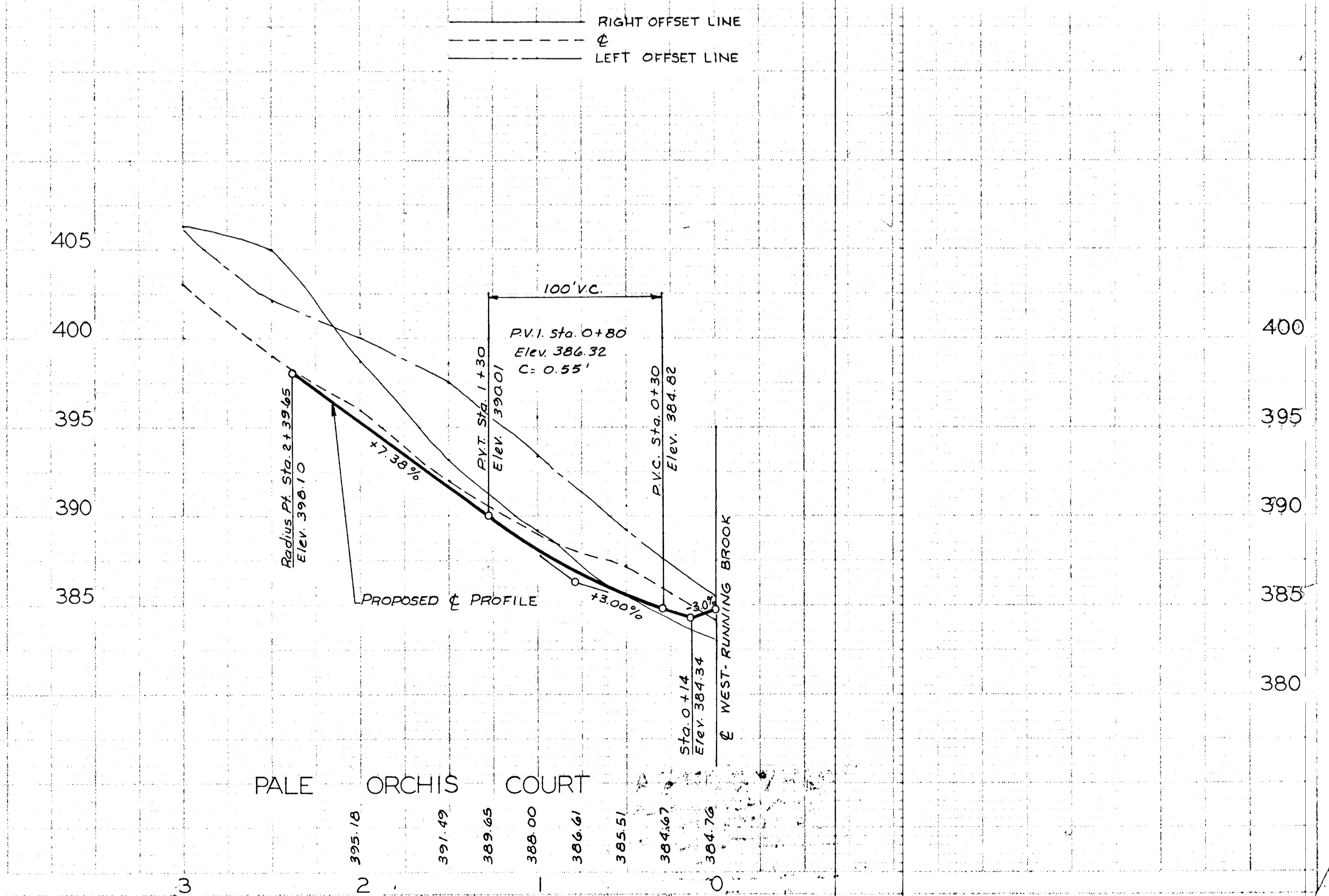
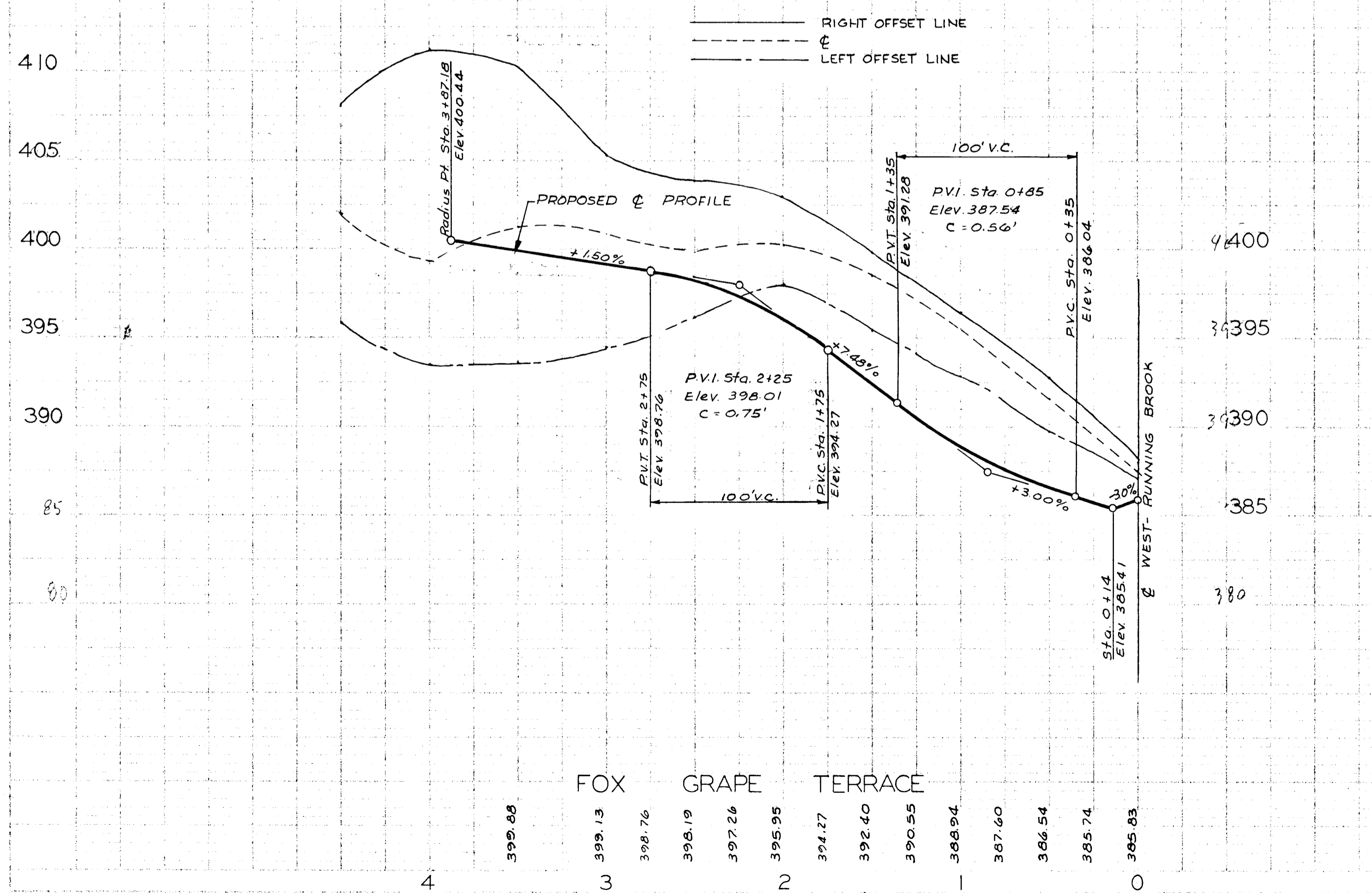
COLUMBIA
 MARYLAND

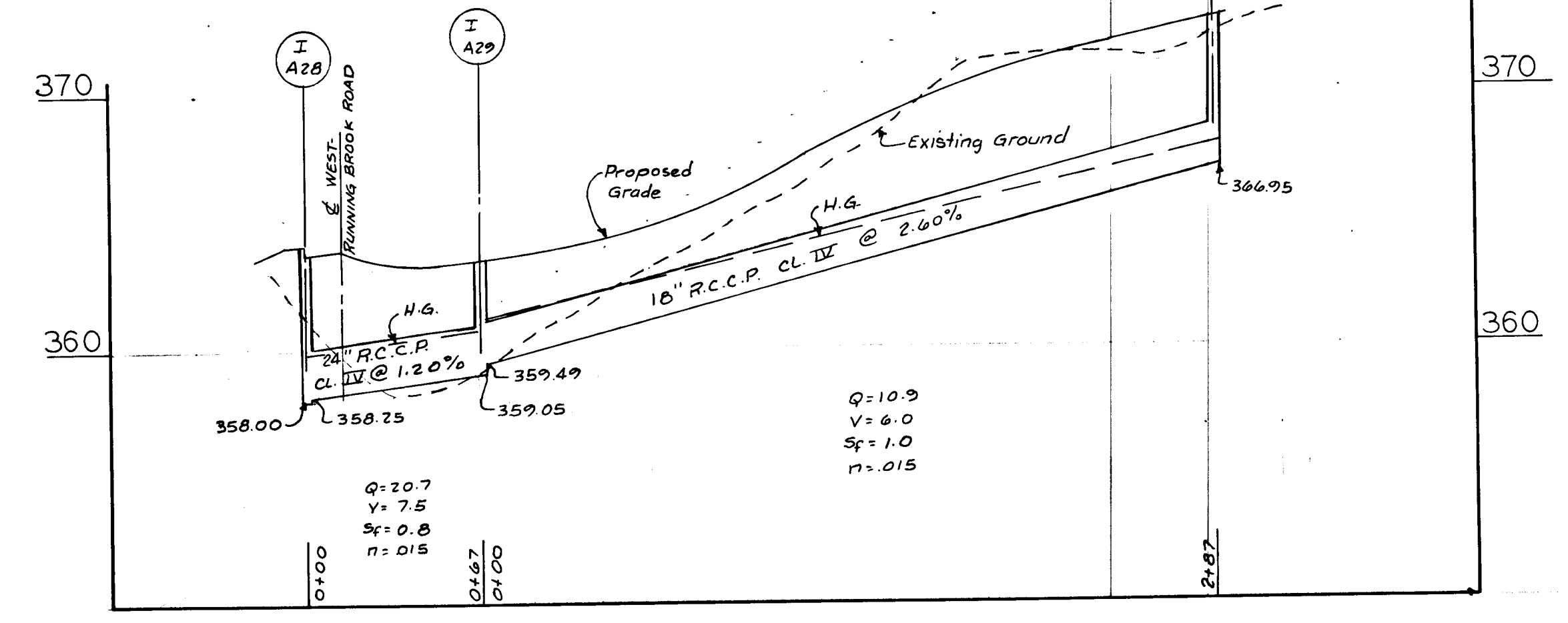
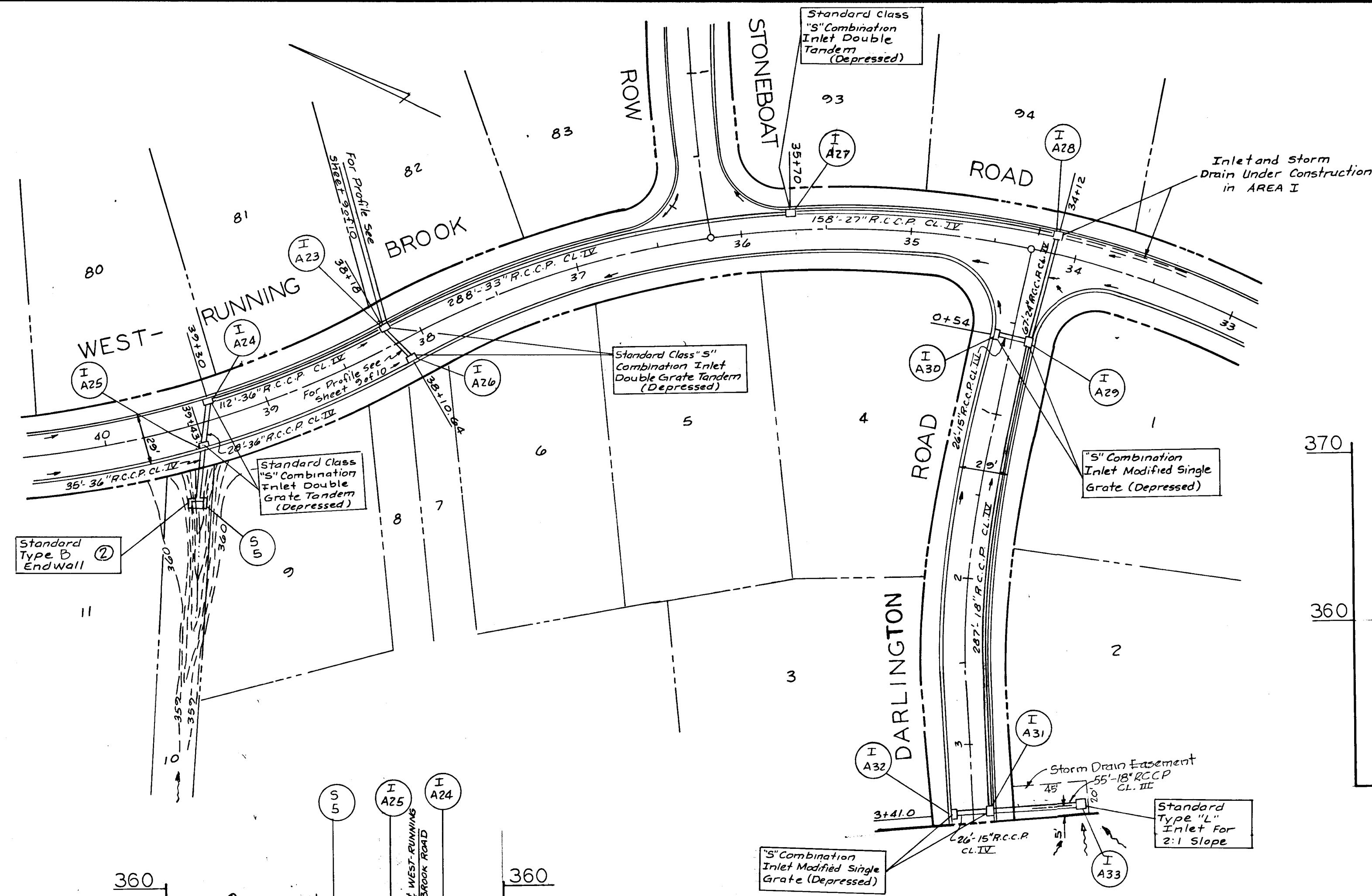
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210

PROJECT AREA VILLAGE OF WILDE LAKE
 SECTION 9-RUNNING BROOK

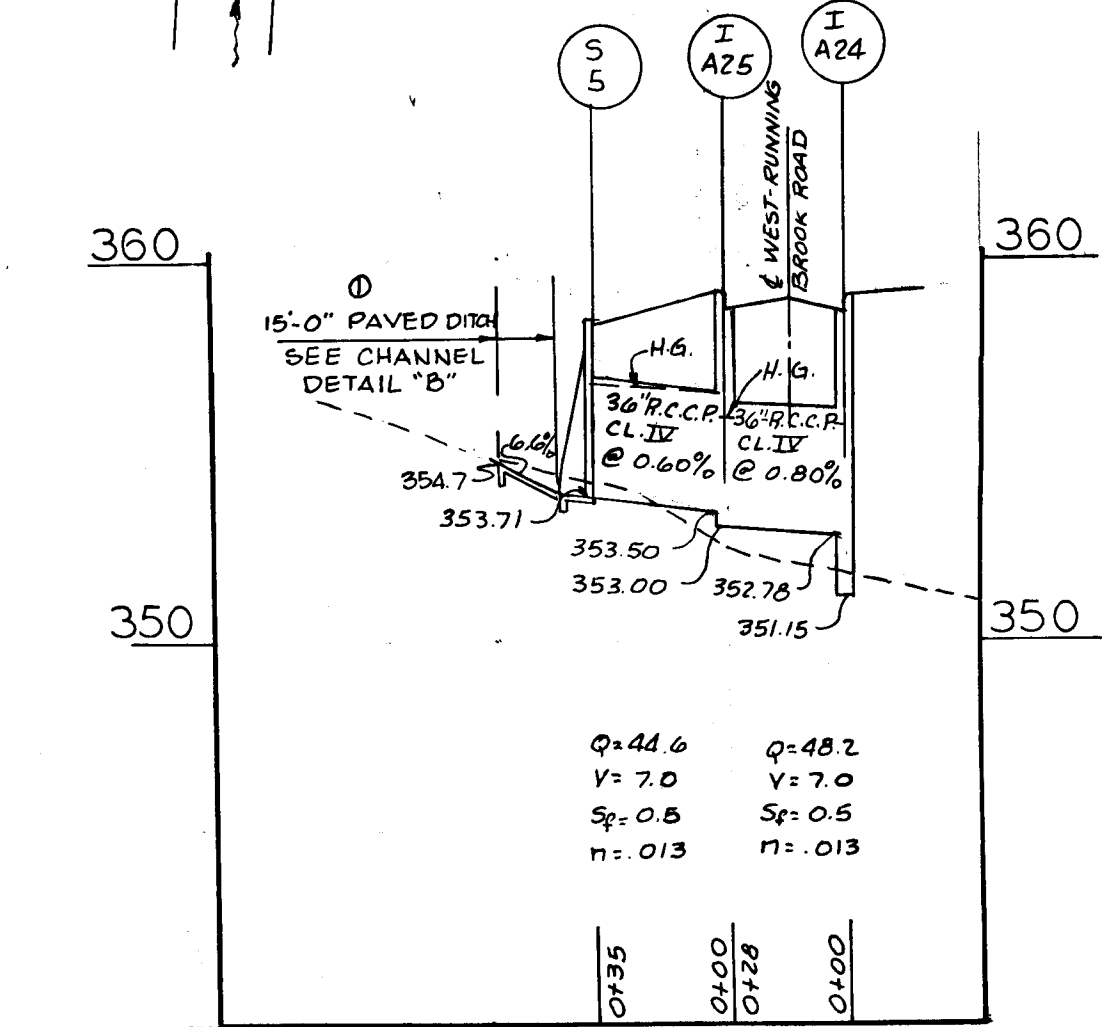
PROJECT TITLE PAVING PLAN-AREA 2
 FOX GRAPE TERRACE-PALE ORCHIS CT.

Des By	N.J.L.	Scale	1"=50'	Dwg No	7 of 10
Drn By	J.G.M.	Date	6/23/67	C.C.F. No	
Chk By	K.J.S.	Approved	P.K.		

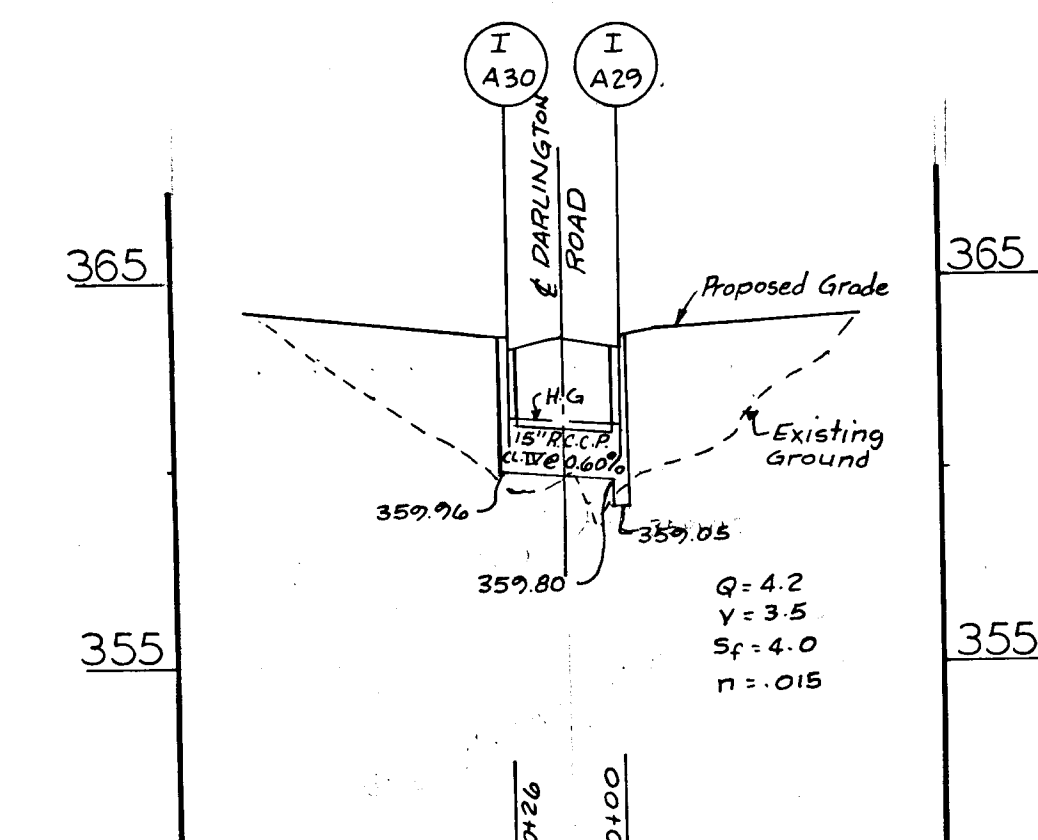




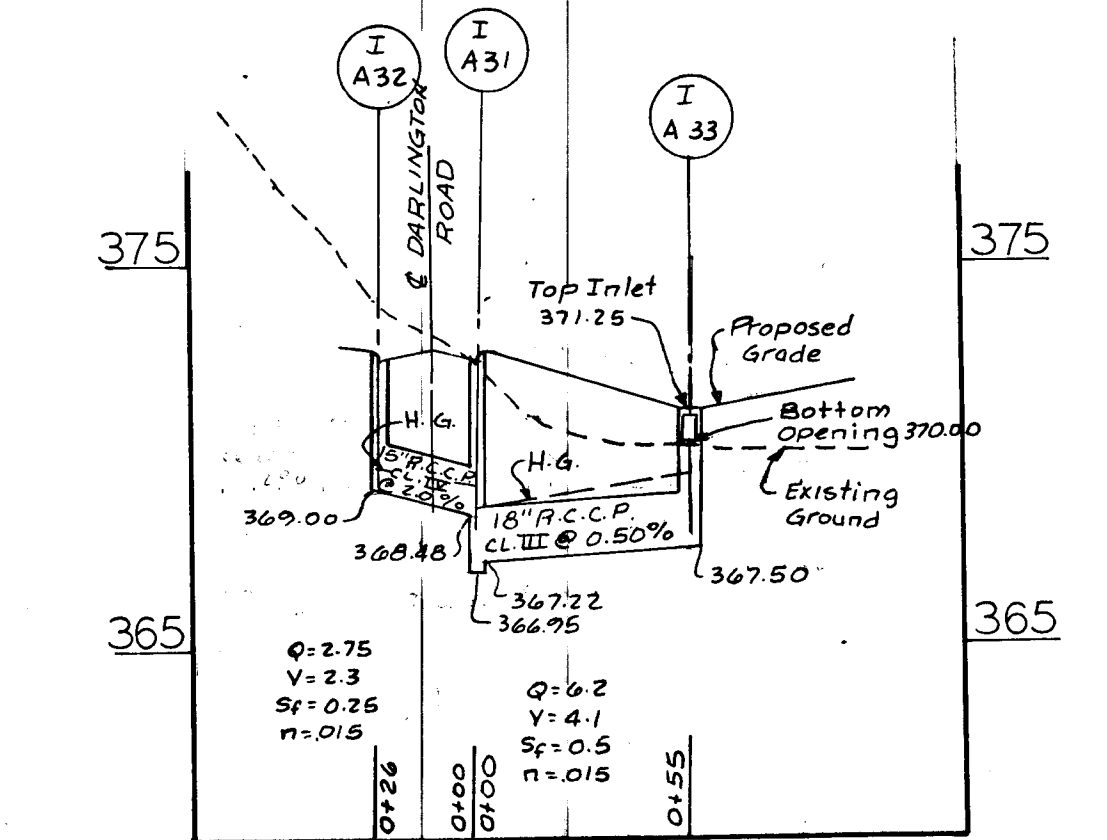
DARLINGTON ROAD



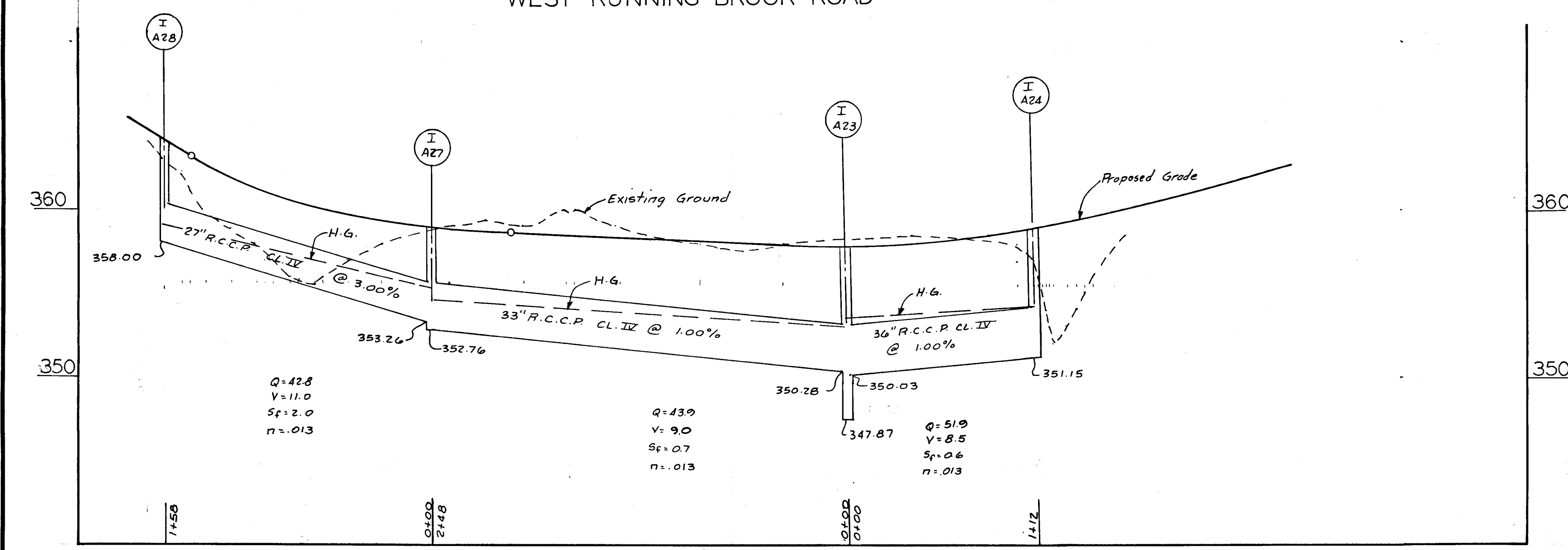
STA. 39+39 TO 39+43
WEST-RUNNING BROOK ROAD



STA. 0+54
DARLINGTON ROAD



STA. 3+41
DARLINGTON ROAD



WEST-RUNNING BROOK ROAD

- Note:
- For construction details other than those shown on sheet 10 of 10, refer to Howard County Road Construction Code and Standard Specifications.
 - For Standard Manhole Drawing D-103, p.158
 - For Class "S" Combination Inlet (Double Grate Tandem) Drawing D-102, p.157
 - For Standard "G" Concrete Headwall Drawing D-61, p.116
 - For Standard Type "L" Inlet Drawing D-96, p.151
 - For Standard Small "B" Headwall Drawing D-48, p.103.
 - For Standard Junction Box Drawing D-108, p.163

Rev Date	Rev No	Revision Description
11-16-67	2	Std Type 'G' Endwall to Std Type 'B' Endwall S-5
10/19/67	D	ADDED PAVED DITCH AT S-5.

COLUMBIA
MARYLAND

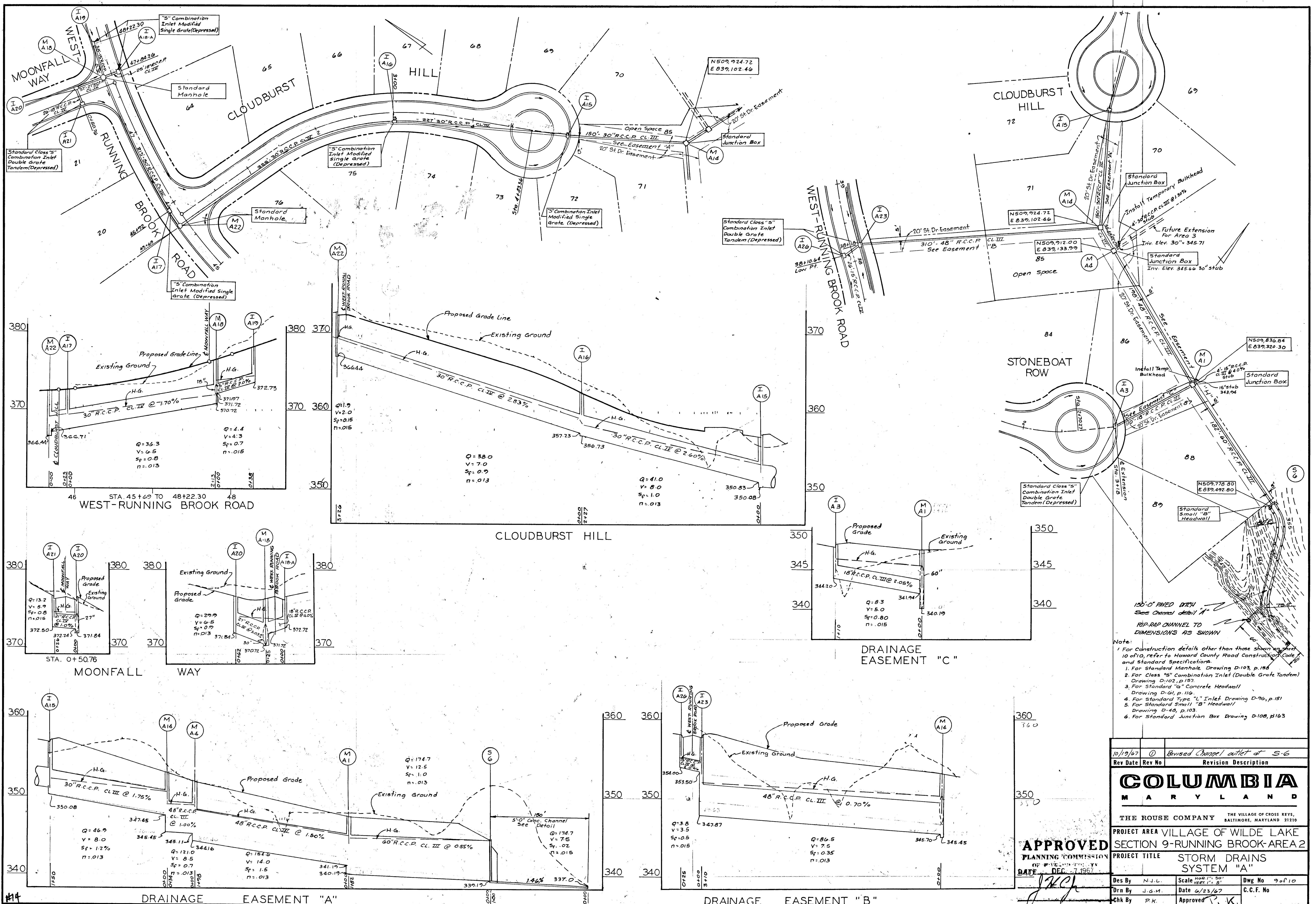
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210

PROJECT AREA VILLAGE OF WILDE LAKE SECTION 9-RUNNING BROOK-AREA 2

PROJECT TITLE STORM DRAINS SYSTEM "A"

Des By N.J.L. Scale 1"=20' DWG No 8 of 10
 Drn By J.G.M. Date 6/23/67 C.C.F. No
 Chk By P.K. Approved [Signature]

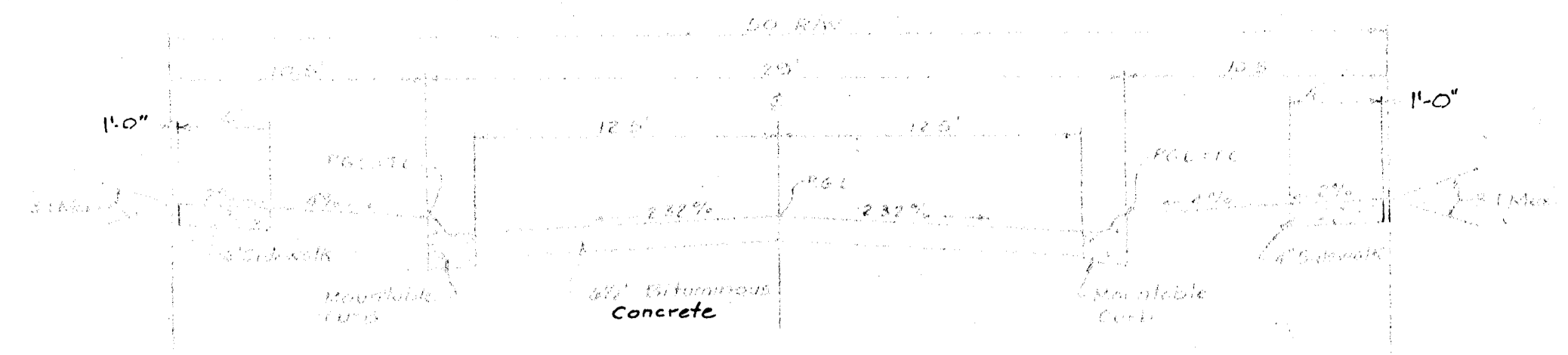
APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE 7/27/67



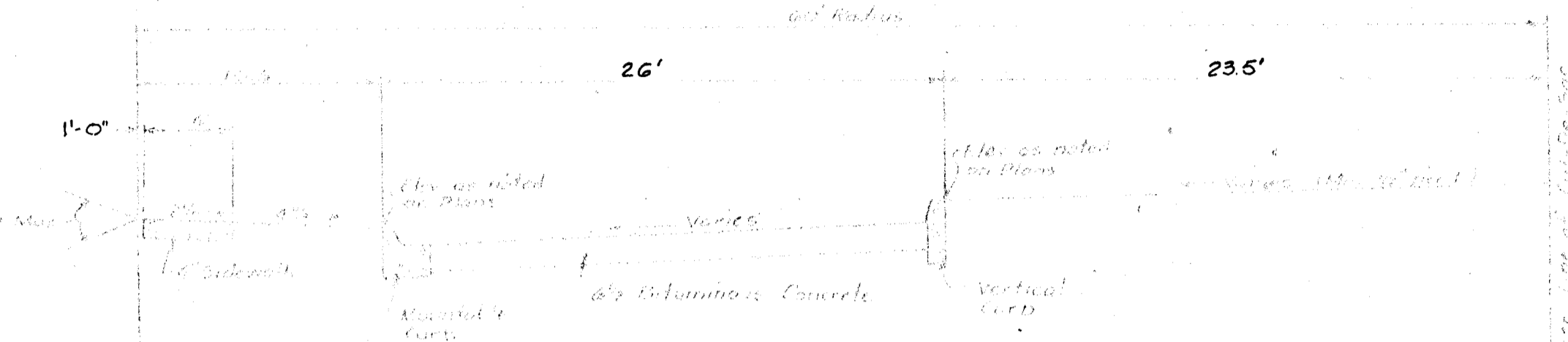
- Note:
1. For construction details other than those shown on sheet 10 of 10, refer to Howard County Road Construction Code and Standard Specifications.
 2. For Standard Manhole, Drawing D-103, p. 155.
 3. For Class "S" Combination Inlet (Double Grate Tandem) Drawing D-102, p. 157.
 4. For Standard "G" Concrete Headwall Drawing D-61, p. 116.
 5. For Standard Type "L" Inlet Drawing D-96, p. 151.
 6. For Standard Small "B" Headwall Drawing D-48, p. 103.

10/19/67	0	Revised Channel outlet at S-6
Rev Date	Rev No	Revision Description
COLUMBIA MARYLAND		
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210		
PROJECT AREA VILLAGE OF WILDE LAKE		
SECTION 9-RUNNING BROOK-AREA 2		
PROJECT TITLE STORM DRAINS SYSTEM "A"		
Des By	N.J.L.	Dwg No 90110
Drn By	J.G.M.	Date 6/23/67
Chk By	P.K.	Approved
		C.C.F. No

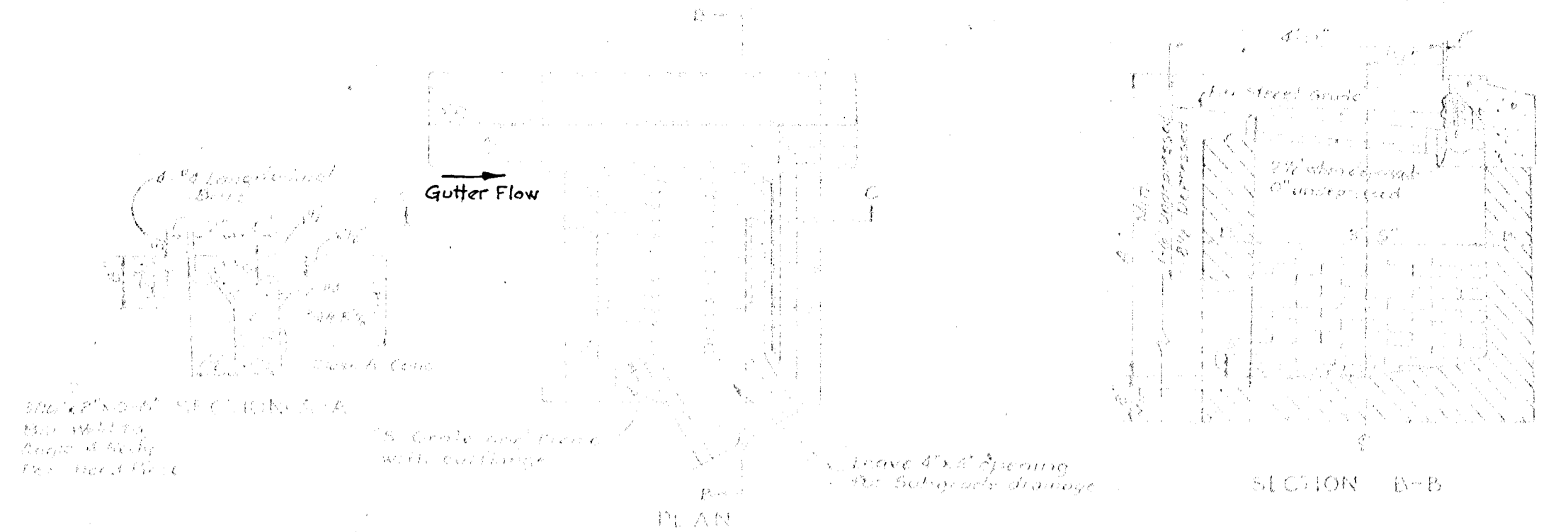
APPROVED
PLANNING COMMISSION
DATE DEC 1 1967



NEIGHBORHOOD COLLECTOR



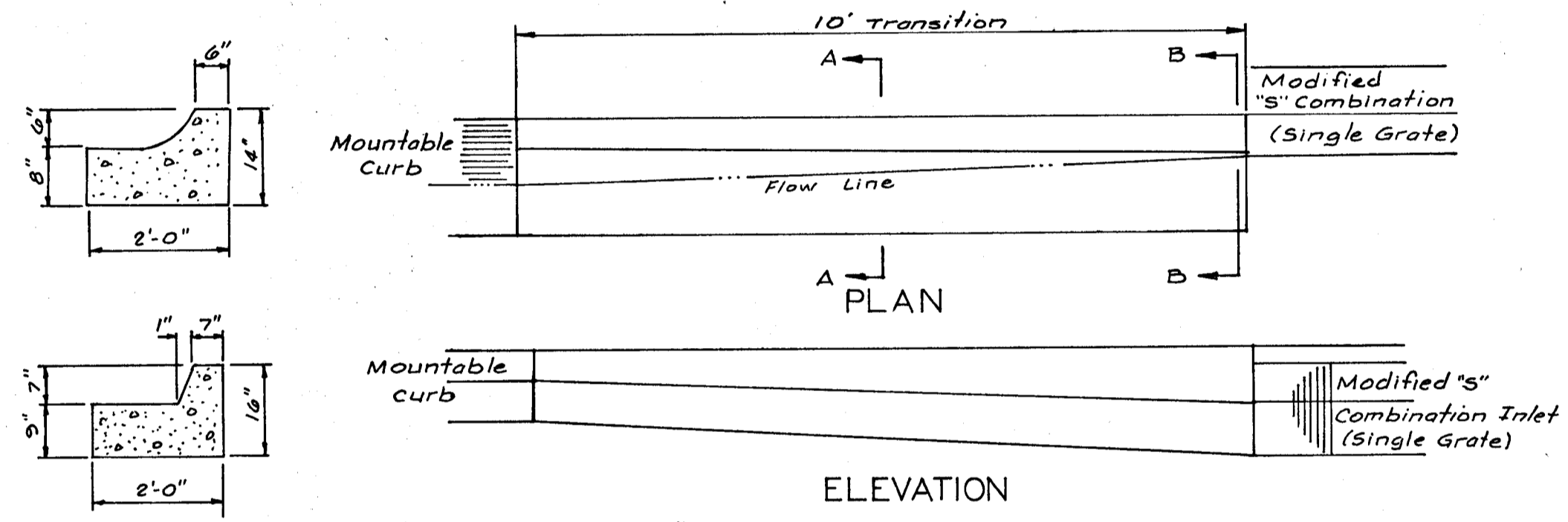
TYPICAL CUL-DE-SAC SECTION



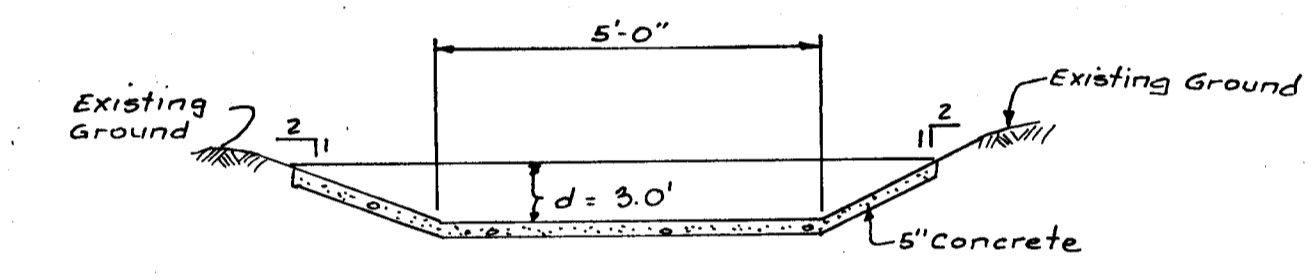
DETAIL MODIFIED "S" COMBINATION INLET (SINGLE GRATE) NO SCALE

Notes:
 1) The walls and floor shall be finished with concrete. The floor shall be finished with concrete. The walls shall be finished with concrete. The floor shall be finished with concrete.

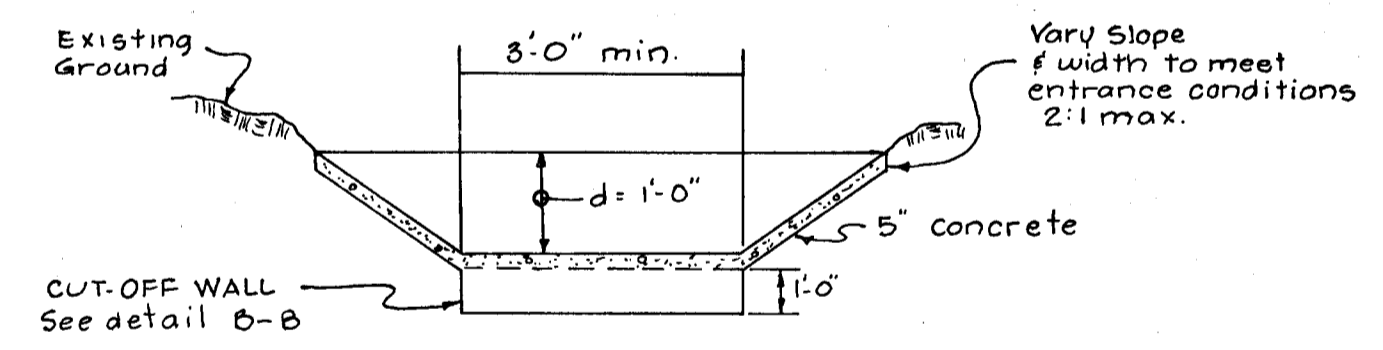
- Note:
 1) 5" Extruded Concrete Base Course
 2) All roadway dimensions and curb radius as shown are to be back of curb.



CURB TRANSITION DETAIL NO SCALE

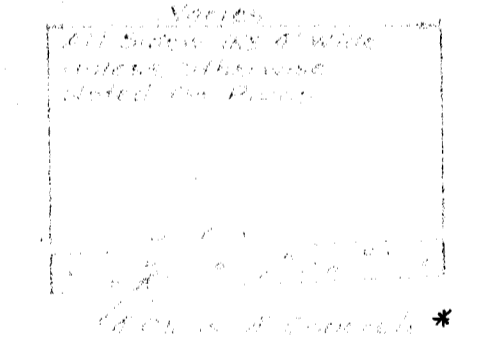


CHANNEL DETAIL "A" NO SCALE

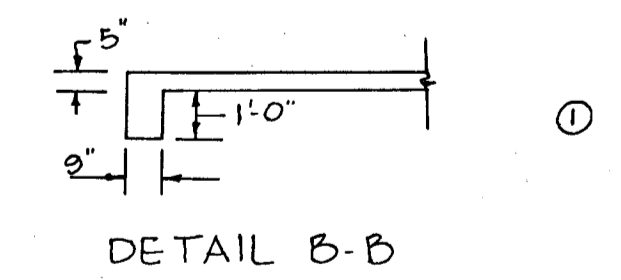


CHANNEL DETAIL "B" NO SCALE

Note:
 Sidewalk shall be 6" thick at driveways. Location to be furnished at time of construction by engineer.

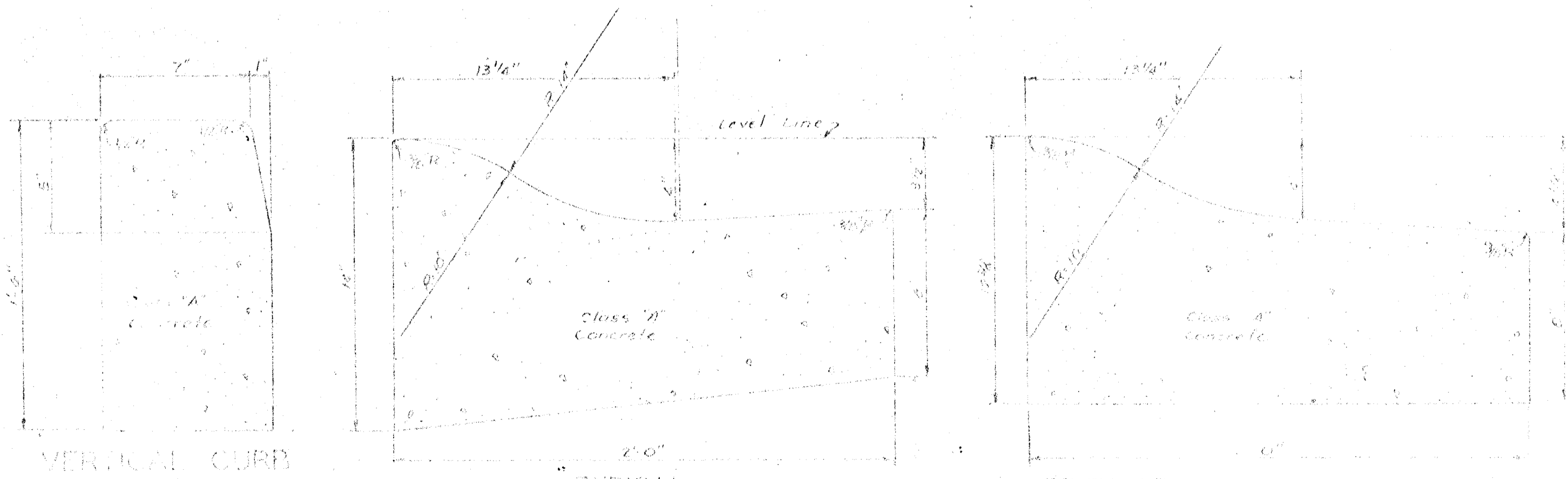


SIDEWALK NO SCALE



DETAIL B-B

LEGEND:
 (T.C. 400.00) Top of Curb in Elev.
 (T.G. 400.01) Top of Grate in Elev.



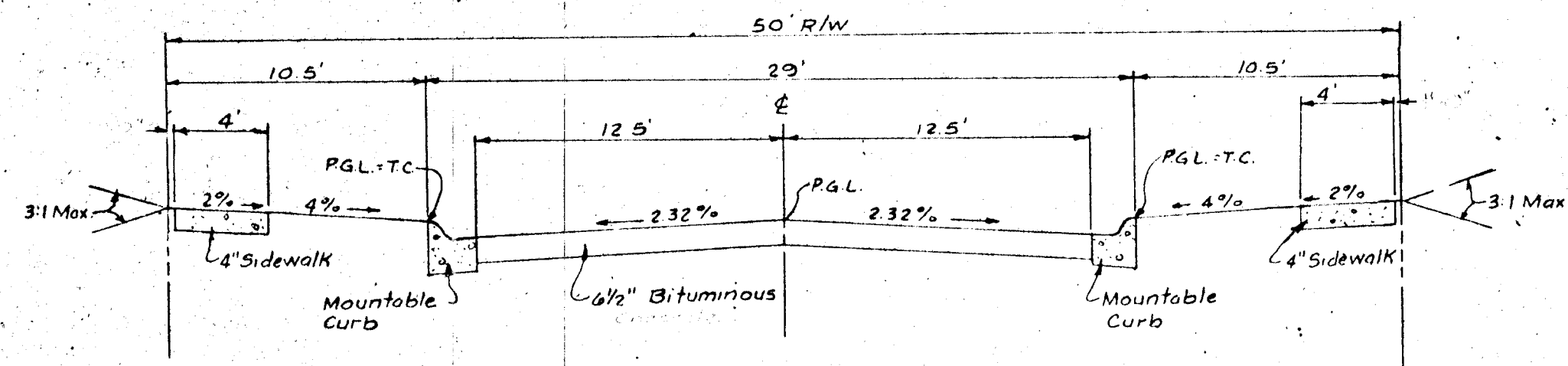
VERTICAL CURB NO SCALE

TYPICAL MOUNTABLE CURB & GUTTER DETAIL

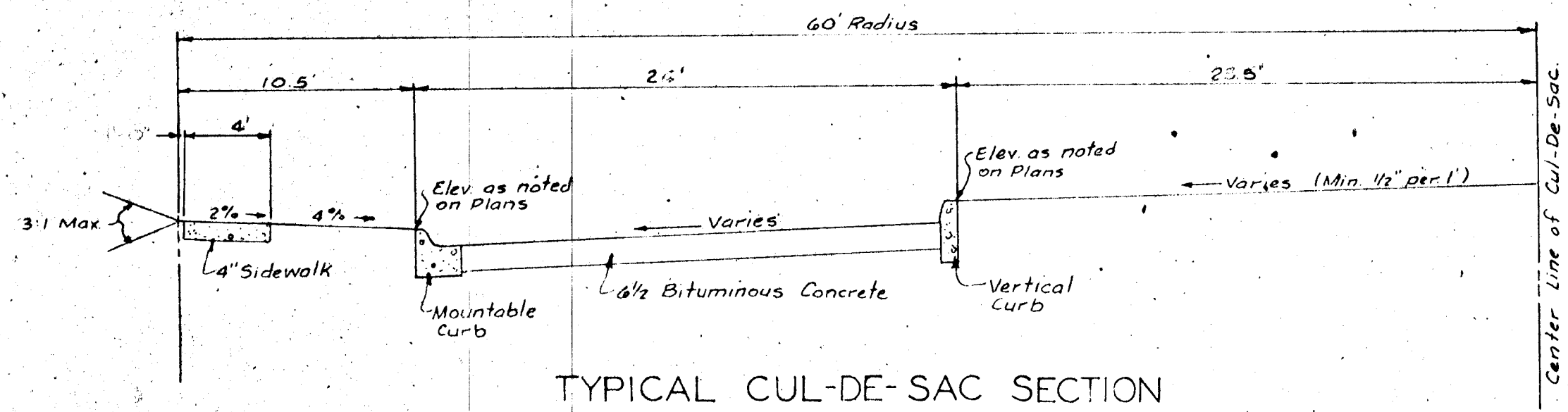
REVERSED CURB FLAG

APPROVED
 PLANNING COMMISSION
 DATE DEC 7 1967
 J.K.C.

10/19/67 0 Added Channel Detail B-B
GOLDBERGER
 ARCHITECTS
 100 W. 42ND ST. NEW YORK 36, N.Y.
 VILLAGE OF WILDE LAKE
 SECTION 9-RUNNING BROOK-AREA 2
 TYPICAL SECTIONS & CONSTRUCTION DETAILS
 P.K. As shown 10 of 10
 J.G.M. 6/23/67
 K.J.S. P.K.

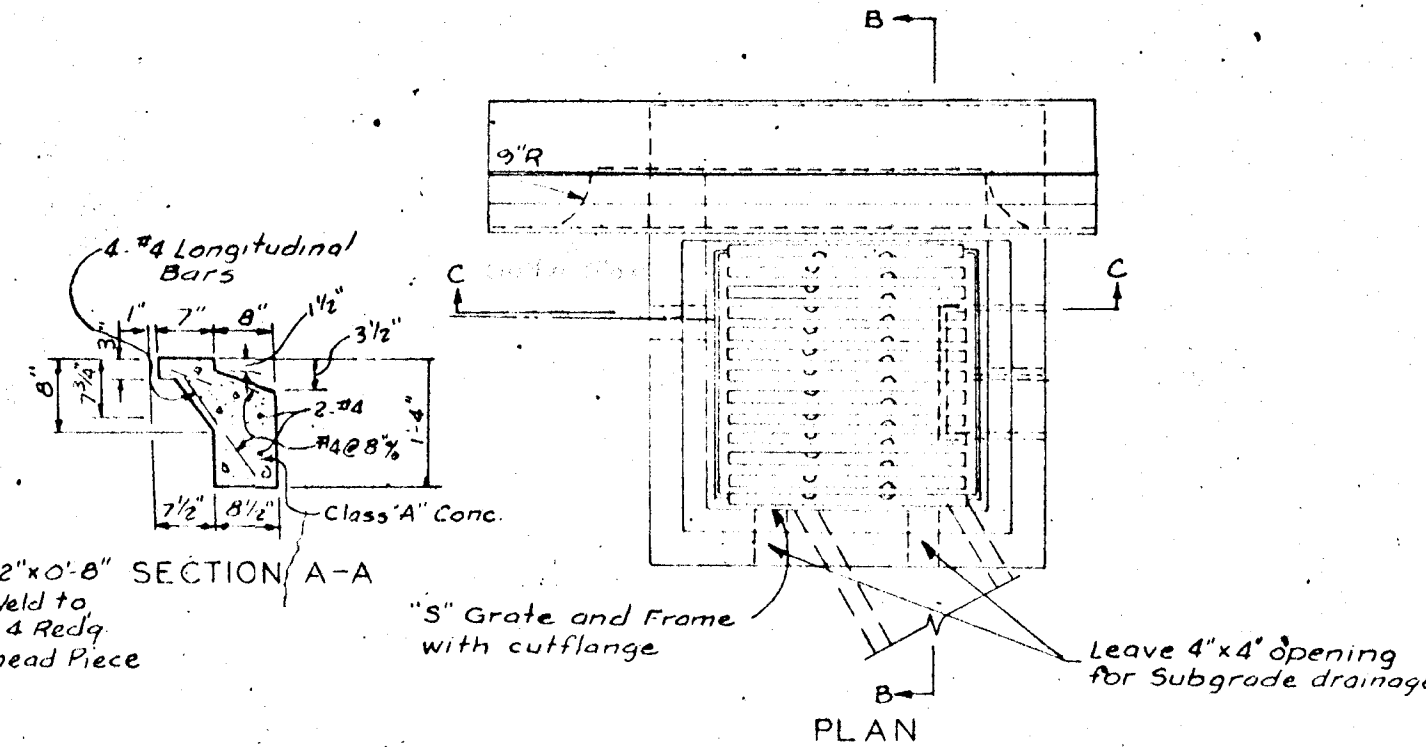


NEIGHBORHOOD COLLECTOR AND

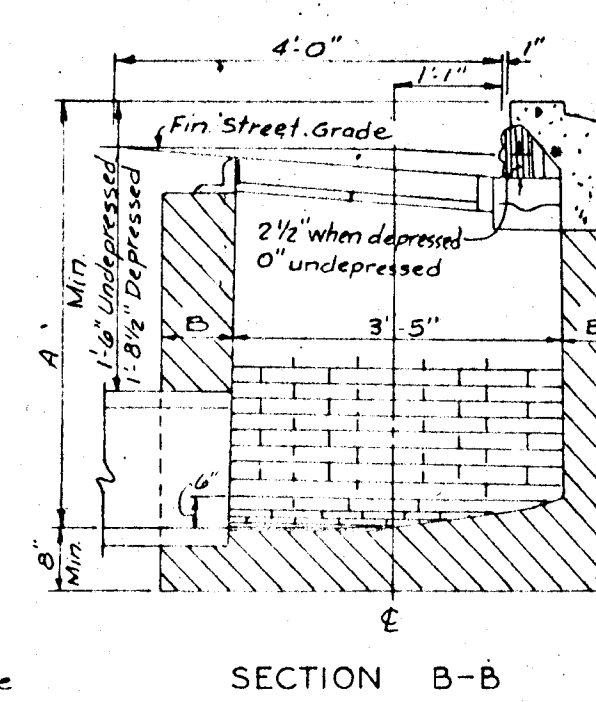


TYPICAL CUL-DE-SAC SECTION

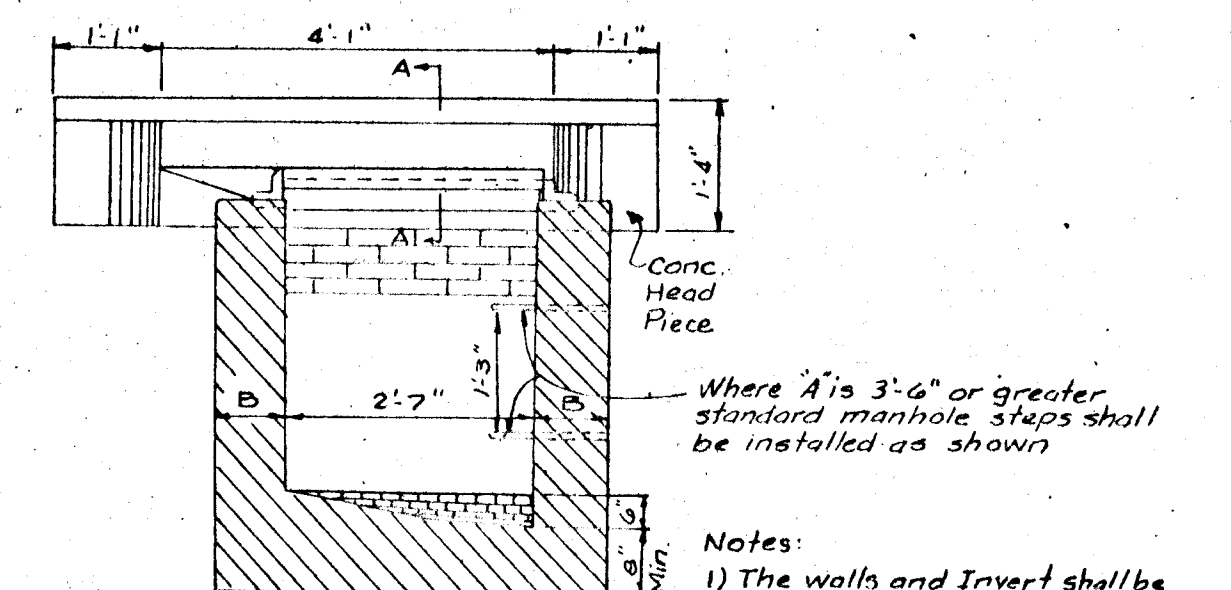
Note:
 5" Bituminous Concrete Base Course
 1 1/2" Bituminous Concrete Surface Course
 This surface type to be constructed in accordance with the Howard County Road Construction Code and Specification Dwg. D114 Page 145d



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

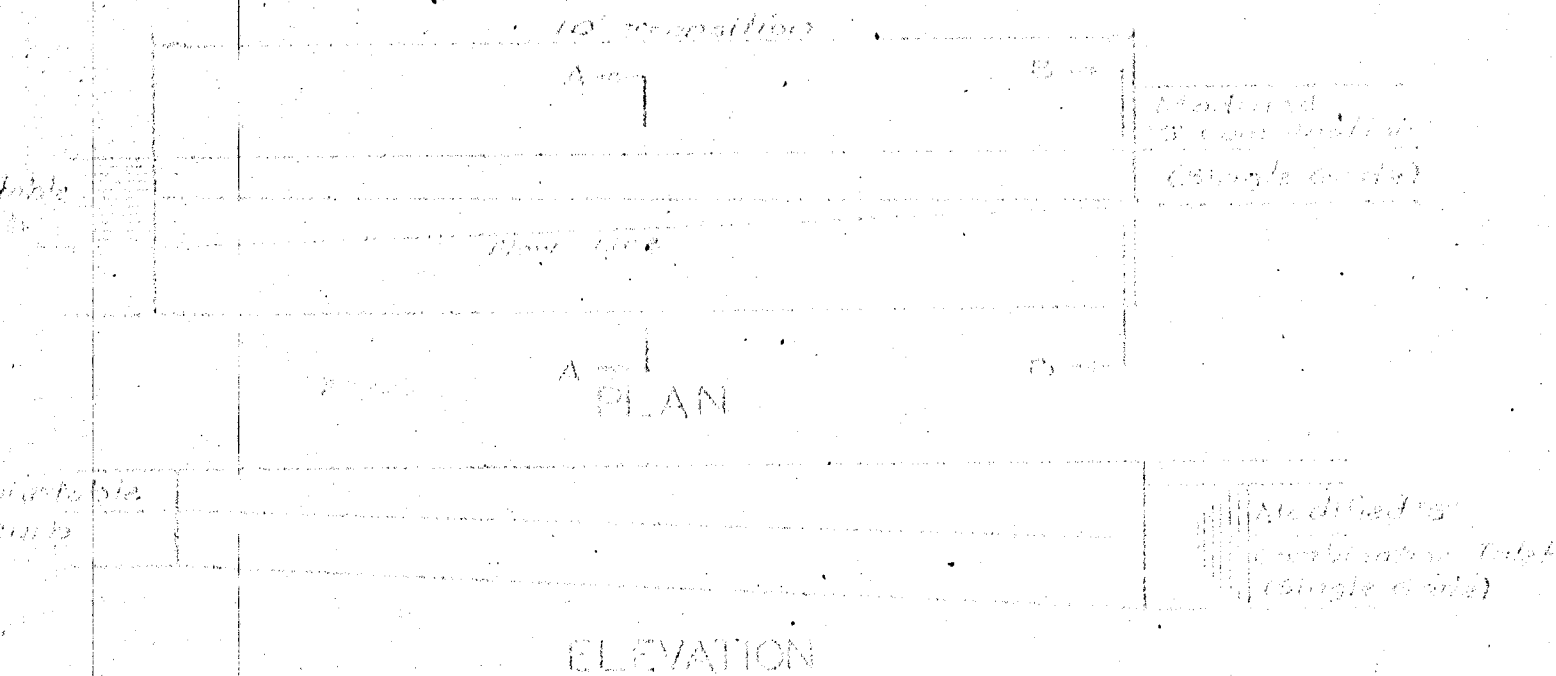


SECTION B-B

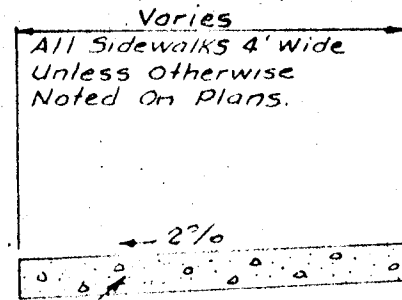


SECTION C-C

- Notes:
- 1) The walls and Invert shall be brick or Class "A" Concrete.
 - 2) B:8 Where A is 7' or less
 - 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.

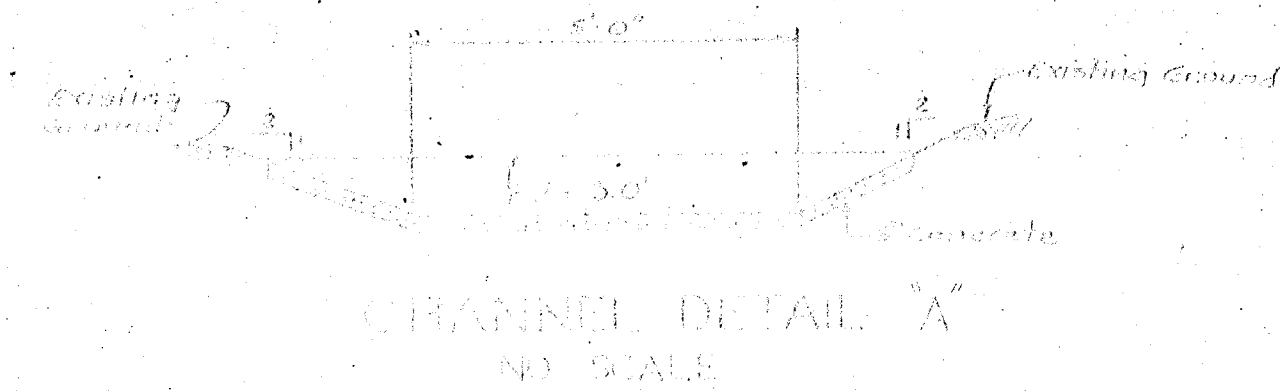


CURB TRANSITION DETAIL NO SCALE

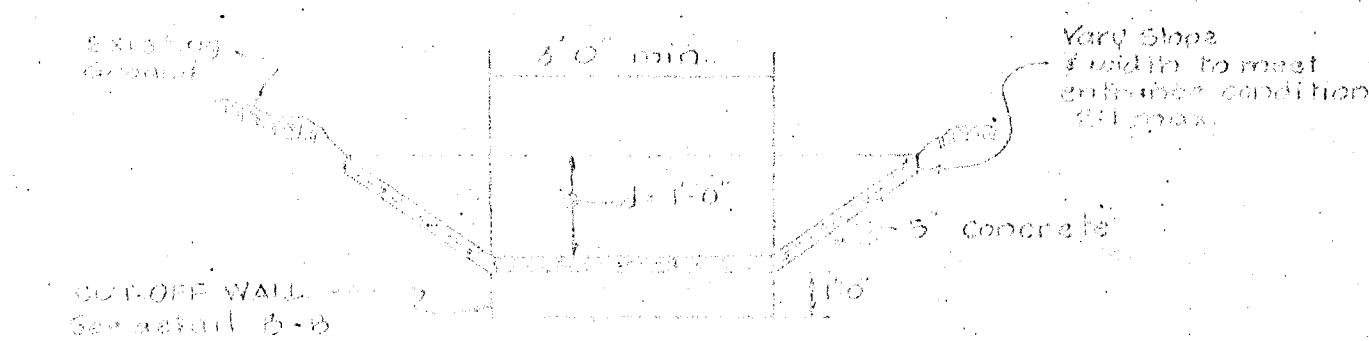


4" Class "A" Concrete
 Howard Research & Development will construct standard Howard Co. Portland Cement Concrete sidewalk or an alternate. Design Approved by Howard County Roads Department

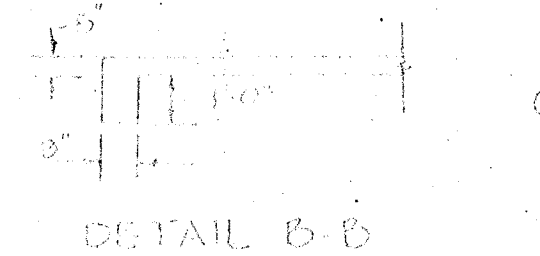
SIDEWALK NO SCALE



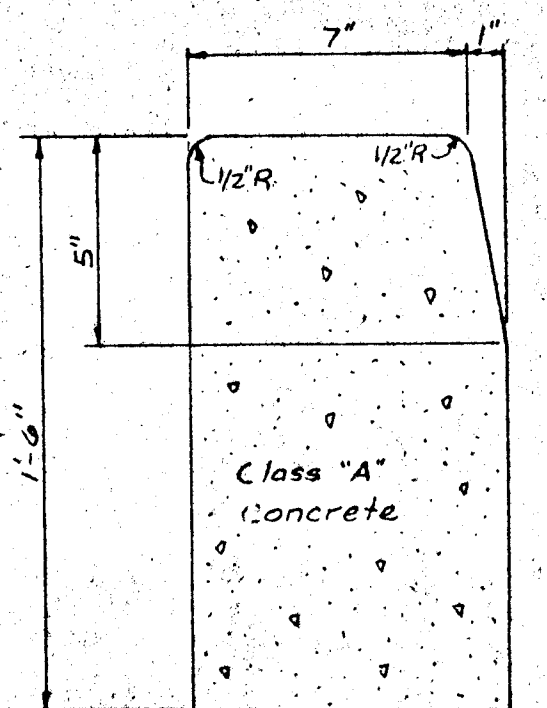
CHANNEL DETAIL A NO SCALE



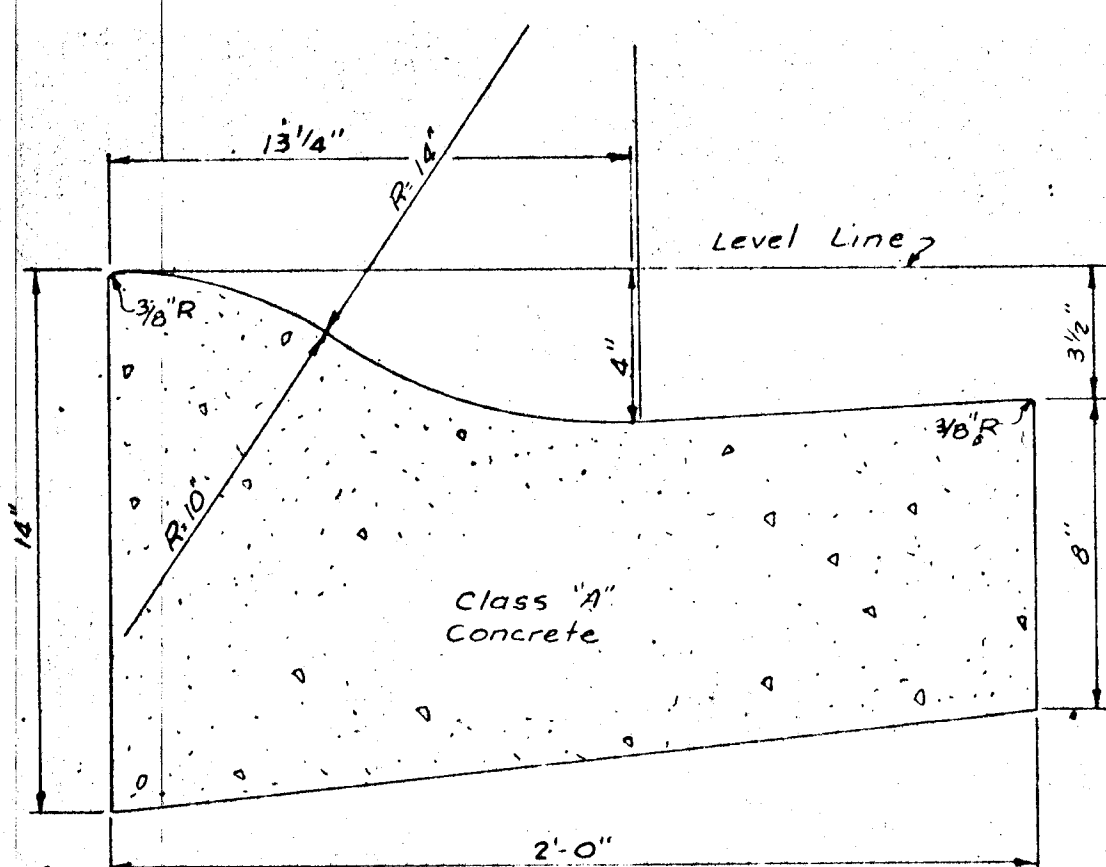
CHANNEL DETAIL B NO SCALE



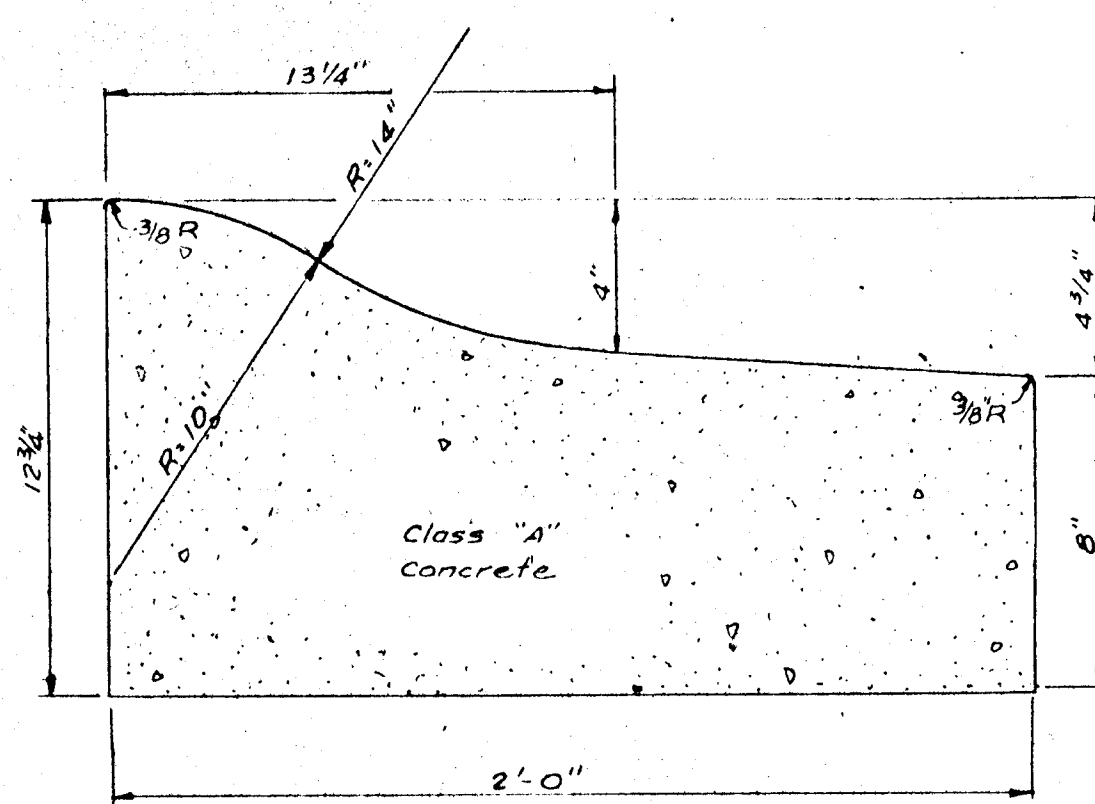
DETAIL B-B



VERTICAL CURB NO SCALE



TYPICAL MOUNTABLE CURB & GUTTER DETAILS NO SCALE



REVERSED GUTTER FLAG

LEGEND:
 (cross-hatched) Top of curb in plan
 (diagonal lines) Top of gutter in plan

APPROVED
 PLANNING COMMISSION
 BALTIMORE, MARYLAND

Rev Date	Rev No	Revision Description
COLUMBIA MARYLAND		
THE ROUSE COMPANY THE VILLAGE OF CROSS KEYS, BALTIMORE, MARYLAND 21210		
PROJECT AREA		
PROJECT TITLE		
Des By	Scale	Dwg No
Drn By	Date	C.C.F. No
Chk By	Approved	

P-2-41
 10-10-2008
 K.M.V. 2008 - Howard County Roads Dept.