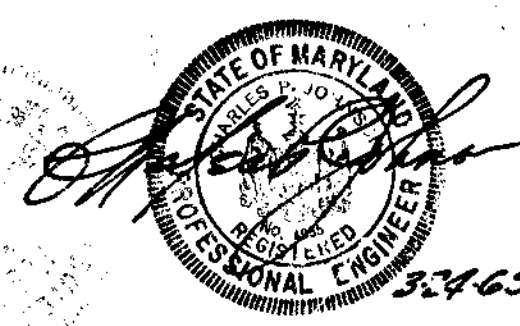


APPROVED
 DIVISION OF
 LAND DEVELOPMENT
 OFFICE OF
 PLANNING AND ZONING
 OF HOWARD COUNTY
 DATE: APR 1 1970

DRAINAGE AREA MAP

DRAINAGE AREA MAP

B.J.B. 1" = 100' 3' OF 29
 G.W.C. FEBRUARY 1969 C.F.



F-70-28D-107.2

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS DATE
 OFFICE OF PLANNING AND ZONING
 CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

PLAN
 SCALE: 1"=50'

GREENHORNE AND O'MARA, INC.
 ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
 6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev Date Rev No Revision Description

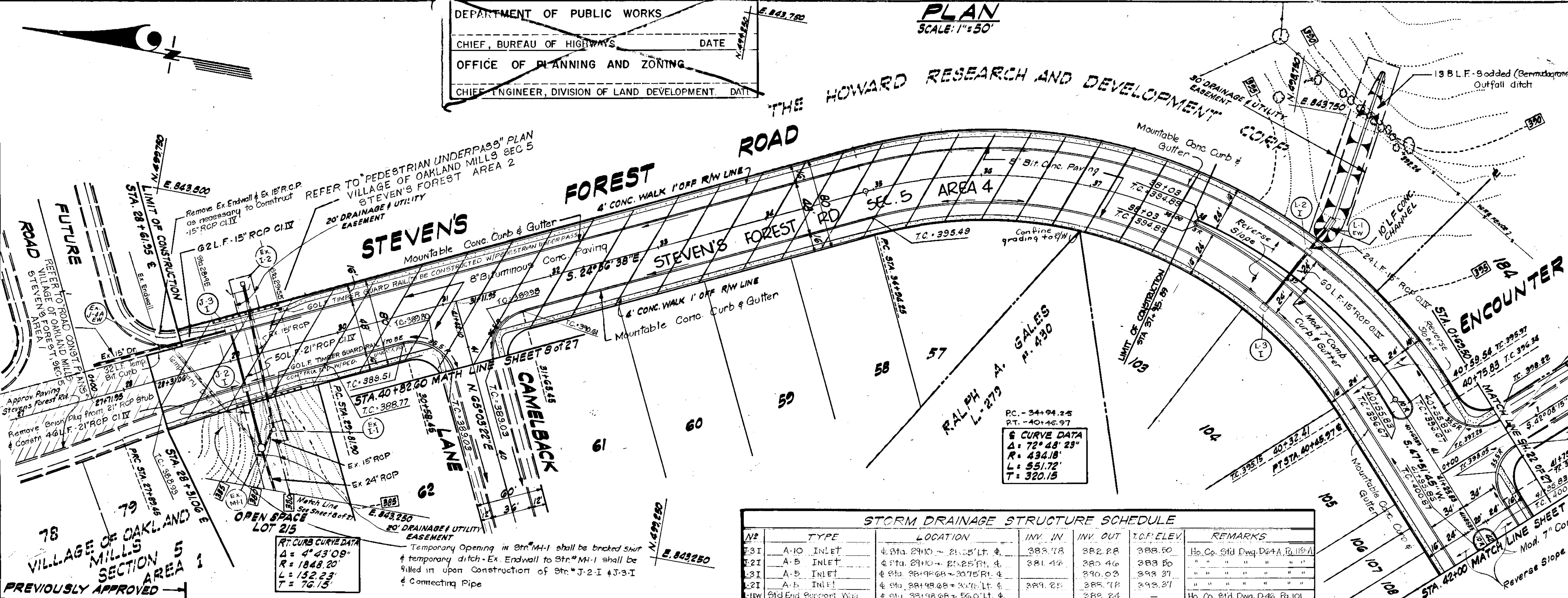
COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.
 THE VILLAGE OF CROSS KEYS, BALTIMORE MARYLAND 21210

PROJECT TITLE: VILLAGE OF OAKLAND MILLS SECTION 5, STEVENS FOREST, AREA 2

PROJECT SHEET: PLAN & PROFILE STEVENS FOREST ROAD

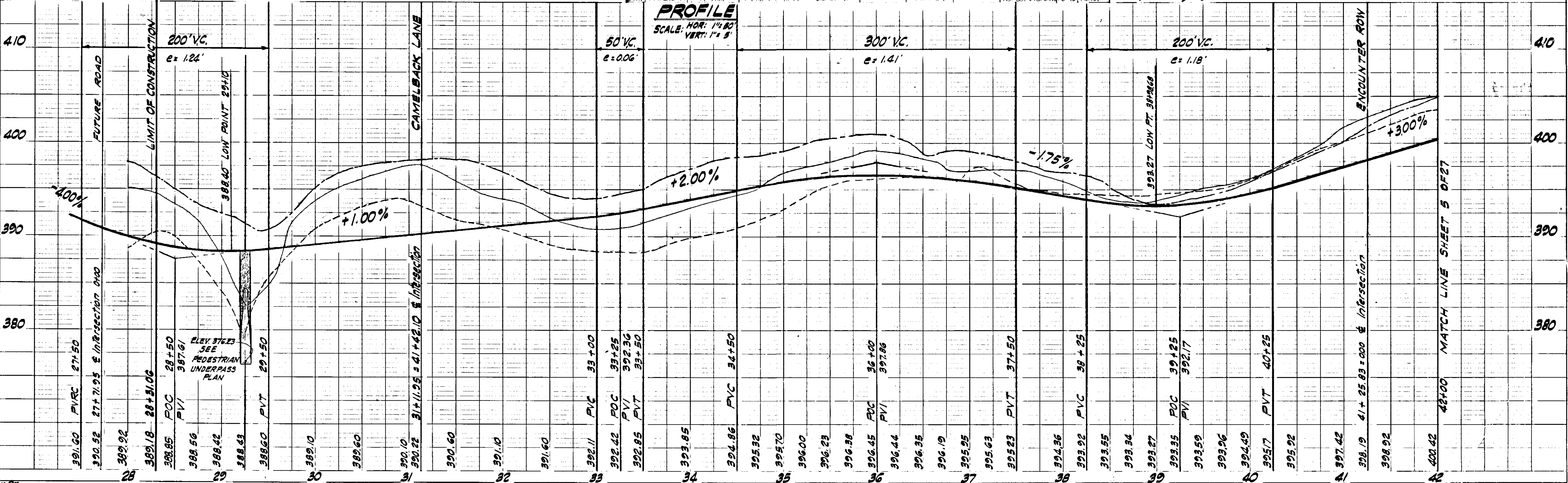
Des By: B.J.B. Scale: AS SHOWN Dwg. No: 4 OF 29
 Dwn By: J.K.T. Date: FEB. 1969 C.C.I. No.
 Chk By: Approved



STORM DRAINAGE STRUCTURE SCHEDULE

No	TYPE	LOCATION	INV. IN	INV. OUT	T.C.P. ELEV.	REMARKS
1-1	A-10 INLET	@ Sta. 2910 - 2925 Lt. &	389.78	382.28	388.50	Ho. Co. Std. Dwg. D-4A, Pa. 119-A
1-2	A-5 INLET	@ Sta. 2910 - 2925 Rt. &	381.42	380.46	388.50	" " " " " " " "
1-3	A-5 INLET	@ Sta. 2849.68 - 2975 Rt. &	390.03	398.37	398.37	" " " " " " " "
1-4	A-5 INLET	@ Sta. 2849.68 - 2975 Lt. &	389.25	385.78	398.37	" " " " " " " "
1-5	Std. End Support Wall	@ Sta. 2849.68 - 2975 Lt. &	389.24	389.24	-	Ho. Co. Std. Dwg. D-4c, Pa. 101

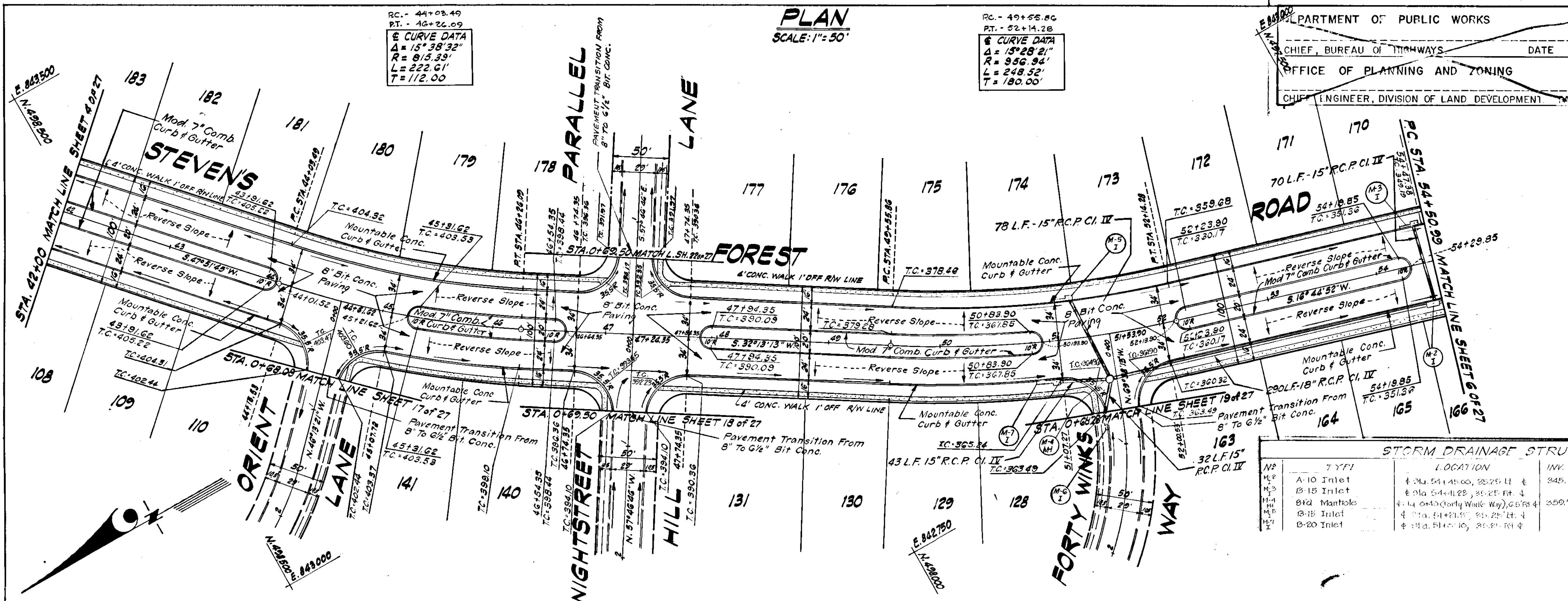
PROFILE
 SCALE: HOR: 1"=80' VERT: 1"=5'



APPROVED
 DIVISION OF LAND DEVELOPMENT
 OFFICE OF PLANNING AND ZONING
 OF HOWARD COUNTY
 DATE: APR. 1969

LEGEND
 EX. GROUND @ E
 EX. GROUND 20' RT. R.W.
 EX. GROUND 20' LT. R.W.
 FINISHED GRADE @ P&L

PLAN
SCALE: 1" = 50'



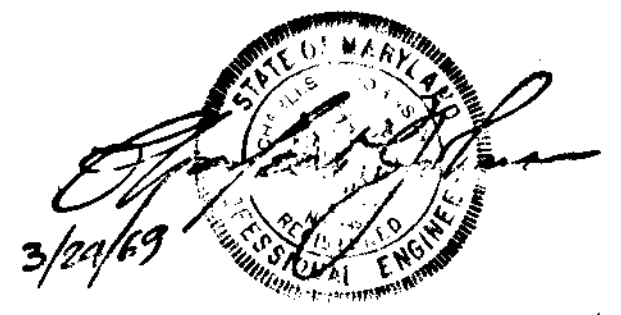
RC - 44+03.49
PT - 46+26.09
CURVE DATA
Δ = 15° 38' 32"
R = 815.39'
L = 222.61'
T = 112.00'

RC - 49+58.86
PT - 52+14.28
CURVE DATA
Δ = 15° 28' 21"
R = 946.94'
L = 248.52'
T = 180.00'

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVIVORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

PROJECT: VILLAGE OF OAKLAND MILLS
SECTION 5, STEVENS FOREST ROAD AREA
SHEET: STEVENS FOREST ROAD
DATE: APR 11 1970

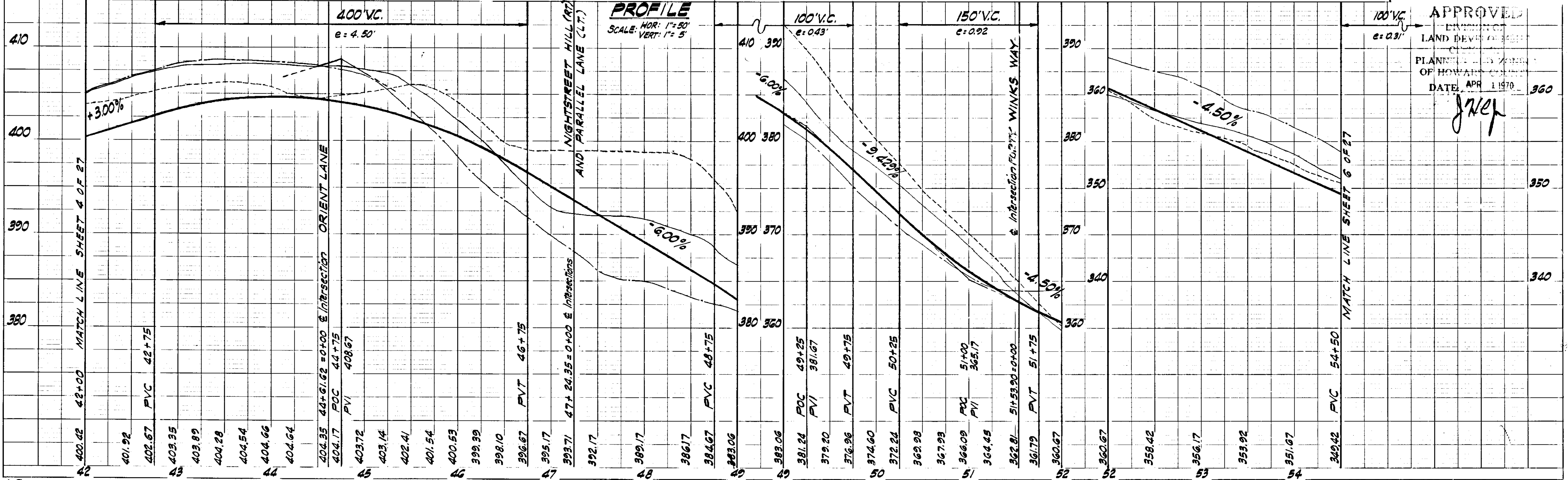


STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	REMARKS
A-10	Inlet	Sta. 54+45.00, 20.25 ft. ↓	345.14	345.86	D-6A, R-109A
B-15	Inlet	Sta. 54+41.22, 20.25 ft. ↓	345.20	345.92	D-6A, R-109A
B-14	Manhole	Sta. 54+30.00, 20.25 ft. ↓	350.72	351.44	D-6A, R-109A
B-18	Inlet	Sta. 54+25.00, 20.25 ft. ↓	350.72	351.44	D-6A, R-109A
B-20	Inlet	Sta. 54+10.00, 20.25 ft. ↓	361.44	362.16	D-6A, R-109A

LEGEND
EX. GROUND E.C.
EX. GROUND TO R/W
EX. GROUND TO L.R.W.
FINISHED GRADE @ P&L

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



APPROVED
LAND DEVELOPMENT
PLANNING AND ZONING
OFFICE OF HOWARD J. B. GREENHORNE
DATE: APR 11 1970

PLAN SURVEYED, PLOTTED, CHECKED, AND NOTED BY: [Blank]

PROFILE SURVEYED, PLOTTED, CHECKED, AND NOTED BY: [Blank]

The Turnaround to be constructed in accordance with THE HOWARD CO. ROAD CONSTRUCTION CODE & SPECIFICATION Drawing D-33, Page 88

PLAN

SCALE: 1" = 50'

NO.	TYPE	LOCATION	INV. IN	INV. OUT	1.01' ELEV.	REMARKS
1	6" Dia. MANHOLE	Sta. 56+13.50, 40' Pt. E	340.45	339.85	343.91	Ho. Co. SUD. DWG. D.103, P. 10, 11
2	18" Dia. Type 'O' Endwall	See Plan For Location	338.05	338.05		" " " " D.52, P. 107

E. 842.000
N. 426.500

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev. Date: _____ Rev. No: _____ Previous Description: _____

HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF CROSS KEYS - BAYTOWN, MARYLAND 21150

PROJECT: VILLAGE OF OAKLAND MILLS SECTION 5, STEVEN'S FOREST, AREA 2

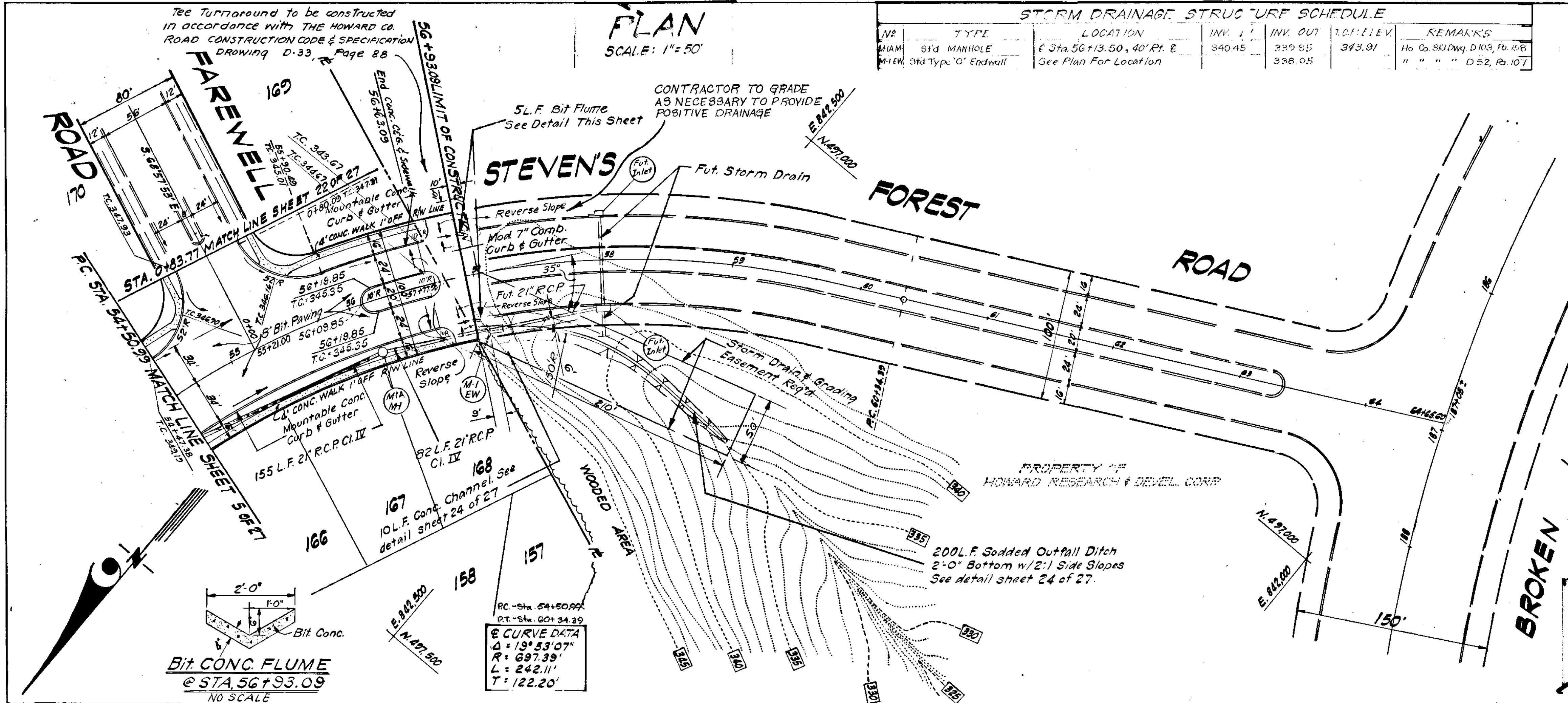
PROJECT: STEVEN'S FOREST ROAD

Des. By: B.J.B. Date: FEB. 1969

Drn. By: J.K.Z. Date: FEB. 1969

Chk. By: _____ Date: _____

DATE	BY	NO.



BIT CONC. FLUME
@ STA. 56+93.09
NO SCALE

CURVE DATA
Δ = 139° 53' 07"
R = 697.39'
L = 242.11'
T = 122.20'

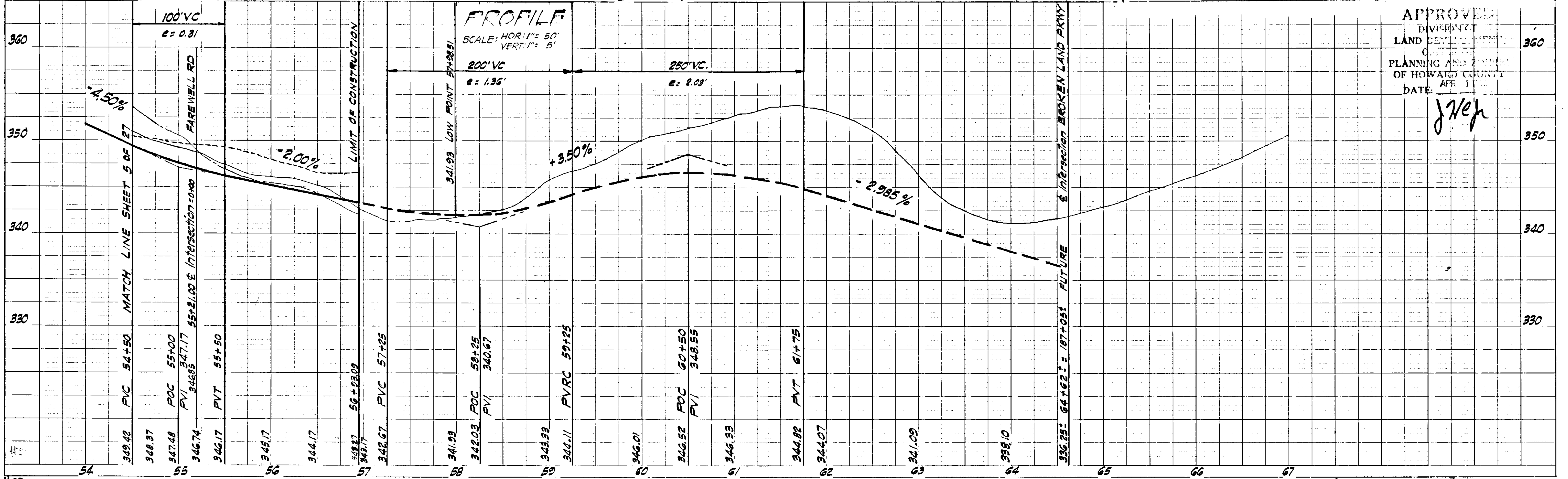
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS. DATE: _____

OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT. DATE: _____

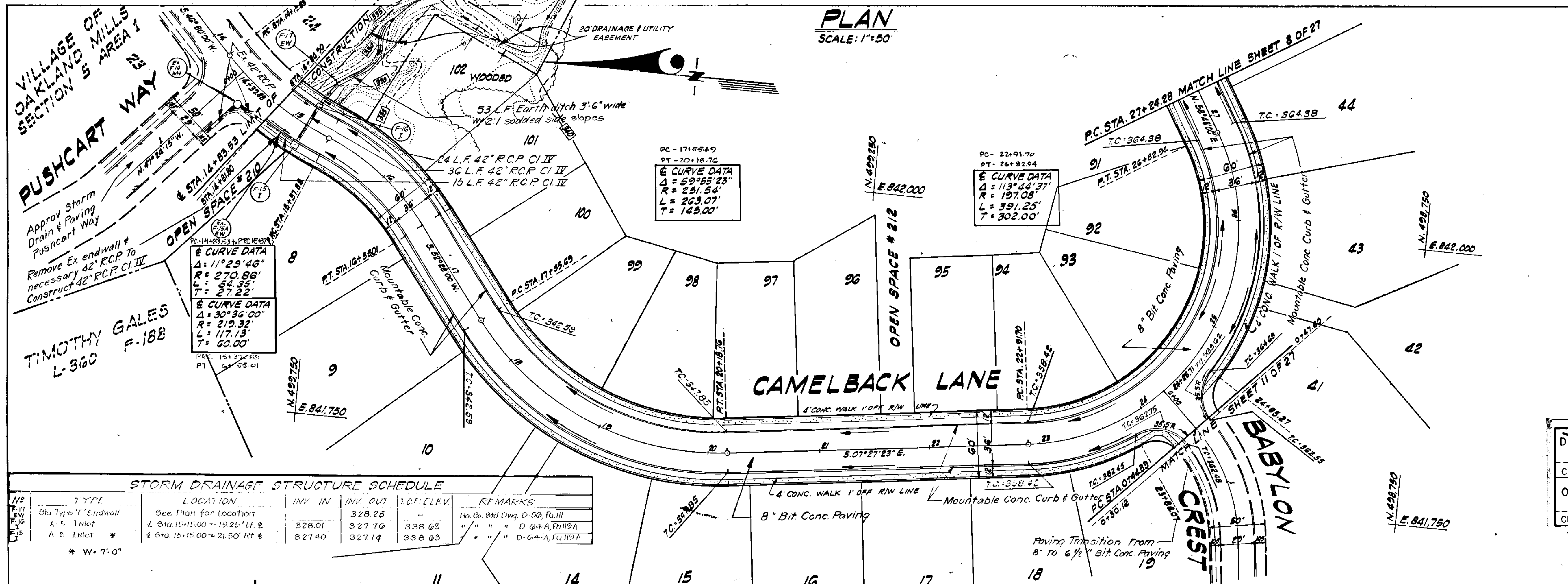
LEGEND
EX. GROUND 6"
EX. GROUND 20' RT. RW
EX. GROUND 20' LT. RW
FINISHED GRADE 6" PGL



DATE	BY	NO.



APPROVED
DIVISION OF LAND DEVELOPMENT
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 1 1969
J. K. Z.



PLAN
SCALE: 1"=50'

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev. Date: Rev. No: Revision Description:

COLLUMBERIA
61E ELECTION DISTRICT
HOWARD COUNTY MARYLAND

OWNER AND DEVELOPER:
HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF CROSS KEYS - BALTIMORE, MARYLAND 21210

PROJECT TITLE:
VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT SHEET:
**PLAN & PROFILE
CAMELBACK LANE**

Des. By: B.J.B. Scale: AS SHOWN Draw. No: 7 OF 29
Dir. By: TRETJ Date: FEB. 1969 C.C. No.
CHK. By: Approved:

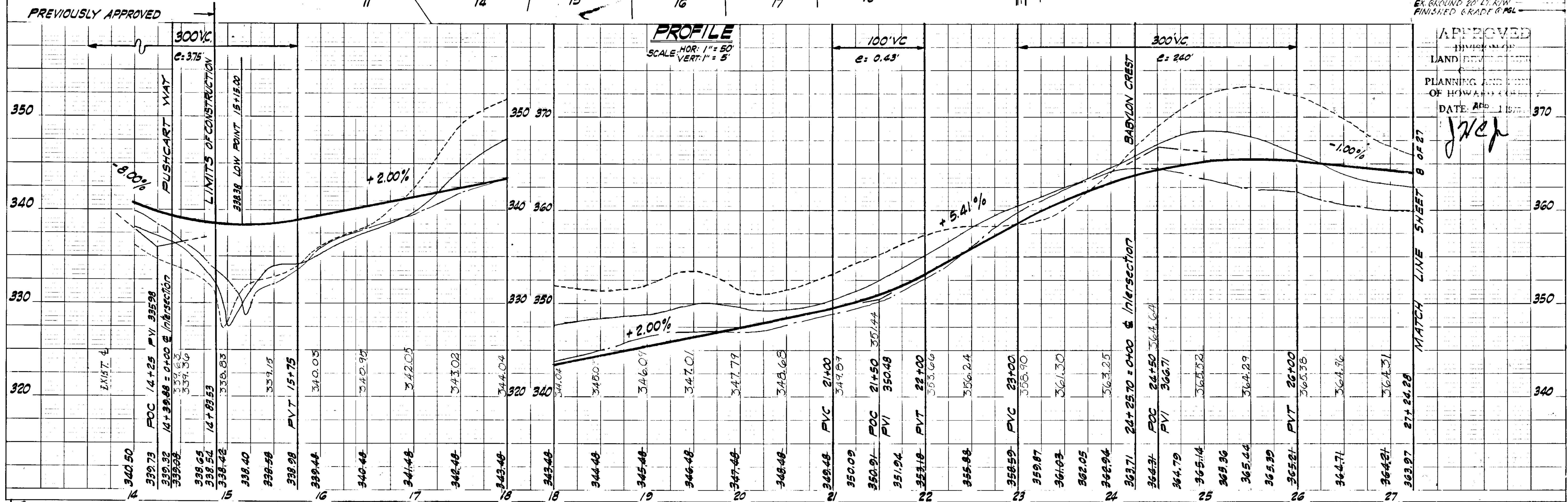
PAPER PRINT SIGNED BY:
WALTER PARK 4-15-74

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE: _____
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE: _____

STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	10' C. ELEV.	REMARKS
A-5	Inlet	See Plan for Location	328.01	328.25		No. Co. 8th Div. D-50, Full
A-5	Inlet *	Sta. 15+15.00 ~ 19.25' L & E	327.70	328.03		D-04-A, Full
A-5	Inlet *	Sta. 15+15.00 ~ 21.50' R & E	327.14	328.03		D-04-A, Full

* W. 7'-0"



LEGEND
EX. GROUND C.E.
EX. GROUND 20' R.T.R/W
EX. GROUND 20' L.T.R/W
FINISHED GRADE C.P.G.L.

APPROVED
DIVISION OF
LAND DEVELOPMENT
PLANNING AND ZONING
OFFICE OF HOWARD COUNTY
DATE: APR 11 1969
J.W.P.

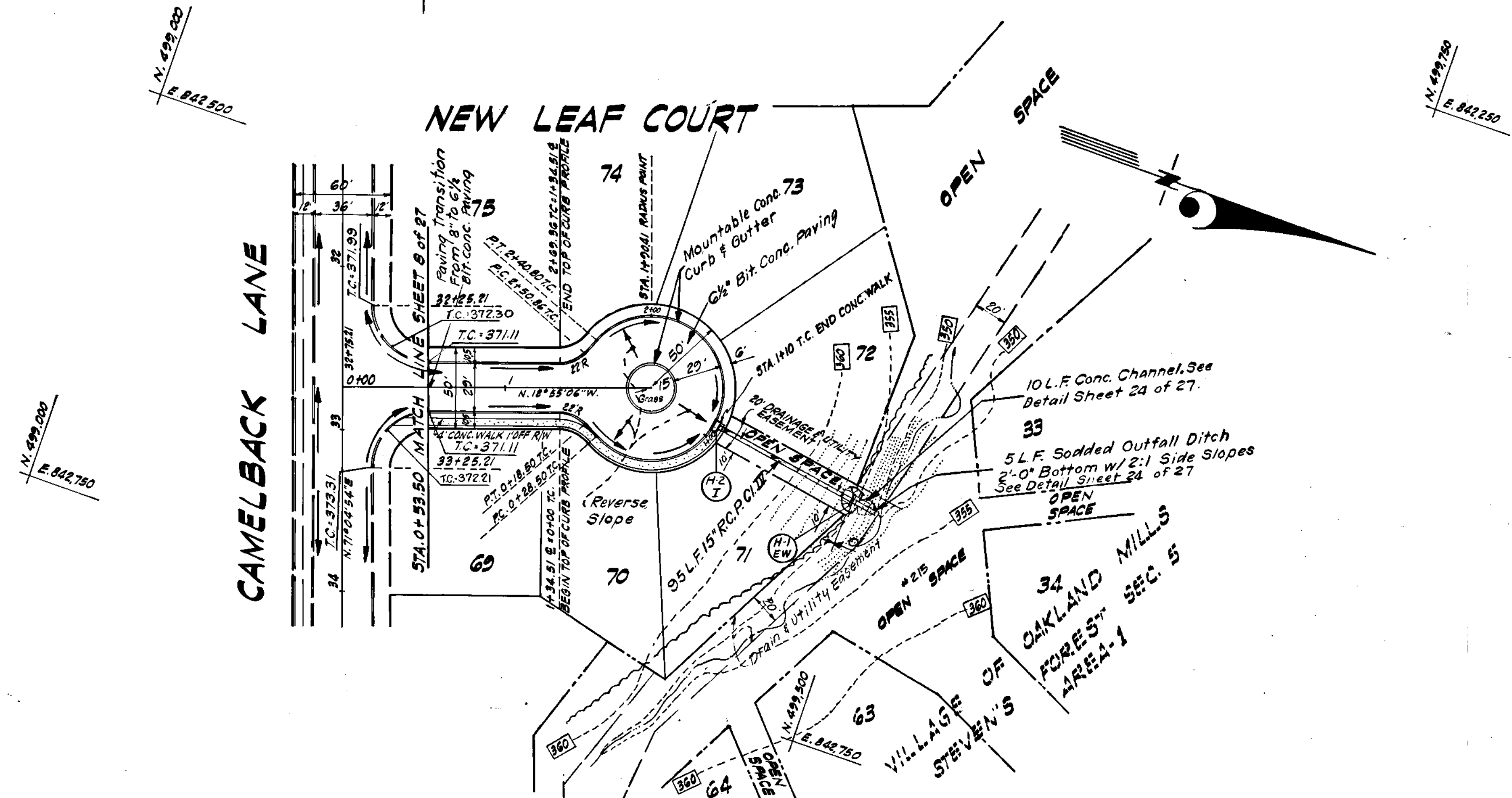
PLAN
NO. _____
DATE _____
BY _____
SURVEYED _____
NOTED _____
ALIGNED CHECKED _____
P.L. OF WAY CHECKED _____

PROFILE
NO. _____
DATE _____
BY _____
SURVEYED _____
NOTED _____
GRADE CHECKED _____
STRUCTURE NOTATIONS CHECKED _____

DATE	
BY	
NO.	
PLAN	
NO.	
DATE	
BY	
NO.	

DATE	
BY	
NO.	
PROFILE	
NO.	
DATE	
BY	
NO.	

PLAN
SCALE: 1" = 50'



DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS DATE
 OFFICE OF PLANNING AND ZONING
 CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

GREENHORNE AND O'MARA, INC.
 ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
 6715 KENILWORTH AVENUE RIVERDALE, MD.

PROJECT: VILLAGE OF OAKLAND MILLS
 SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT TITLE: PLAN & PROFILE
NEW LEAF COURT

Des By: B.J.B. Date: AS SHOWN
 Dwn By: J.K.Z. Date: FEB. 1969
 Chk By: Approved



PAPER PRINT SIGNED
 BY: WALTER PARK 4-15-74

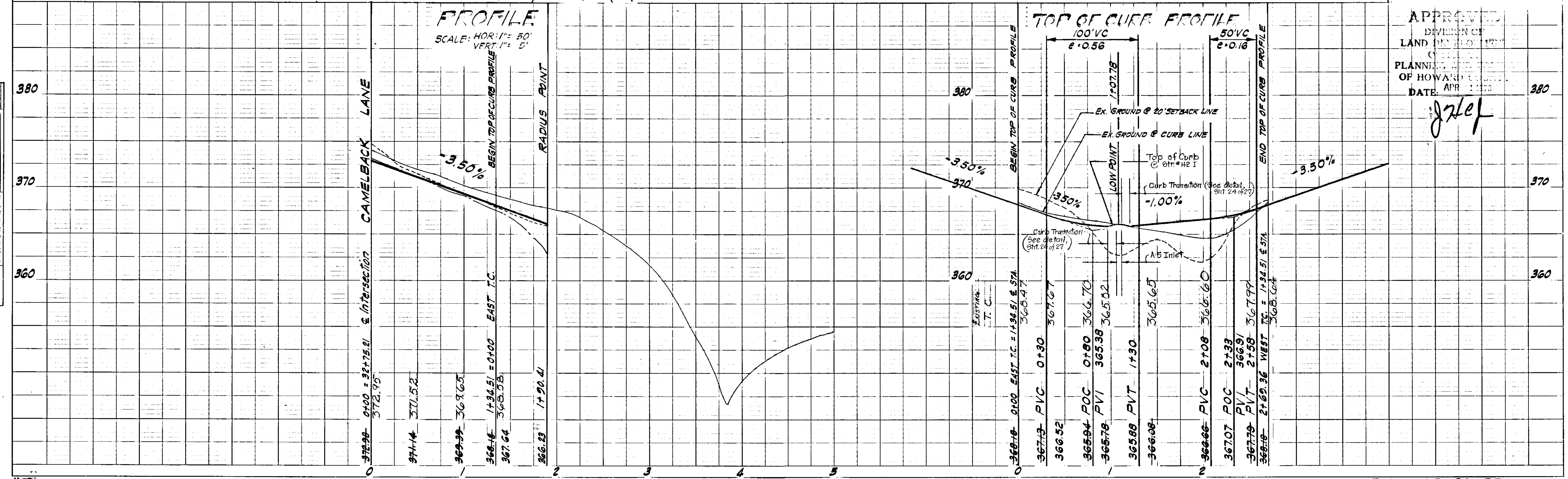
STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	DEPTH	REMARKS
1	A-3 Inlet	Sta 1+07.78 Top of Curb Profile, 125' to 110' A.M.	360.58	360.02	0.56	16.00 SPW, Dwg. D-64A, Pa. 119A
2	31" Type "C" Endwall	See Plan for Location	351.08			D-52, Pa. 107

LEGEND
 EX. GROUND @ 20' SETBACK LINE
 EX. GROUND @ CURB LINE
 EX. GROUND @ 10' L.S. R/W
 EX. GROUND @ 10' L.S. R/W
 FINISHED GRADE @ P.V.C.

APPROVED
 DIVISION OF
 LAND DEVELOPMENT
 PLANNING
 OF HOWARD COUNTY
 DATE: APR 1969
J. J. J.

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



GREENHORNE AND O'MARA, INC.
 ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
 6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev Date Rev No Revision Description

COLLINS & BROWN
 CITY ENGINEER DISTRICT
 HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.
 101 VILLAGE OF CROSS KEYS - BALTIMORE MARYLAND 21210

PROJECT: VILLAGE OF OAKLAND MILLS
 SECTION 5, STEVENS FOREST, AREA 2

PROJECT SHEET: **PLAN & PROFILE**
GATSBY GREEN

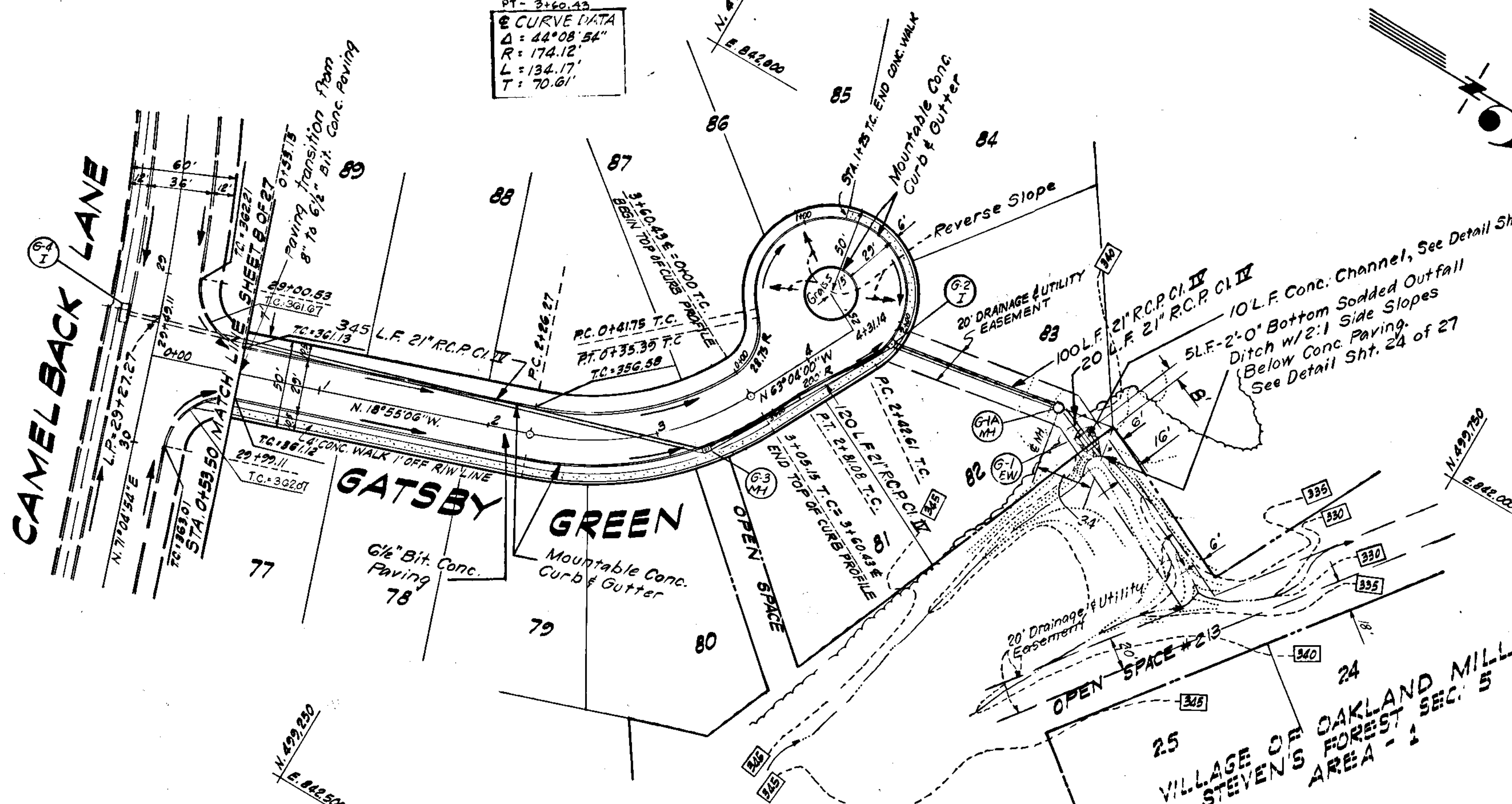
Des By: B.J.B. Scale: AS SHOWN Big. No. 10 OF 29
 Dwn By: J.A.S. Date: FEB. 1969 C.C.T. No.
 Ck'd By: Approved

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS. DATE
 OFFICE OF PLANNING AND ZONING
 CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT. DATE

STATE OF MARYLAND
 REGISTERED PROFESSIONAL ENGINEER
 5/24/69
 Paper as-built copy signed by Walter Park April 15, 1974

PLAN
 SCALE: 1"=50'

PC - 2+76.27
 PT - 3+60.43
 CURVE DATA
 Δ = 44°08'34"
 R = 174.12'
 L = 134.17'
 T = 70.61'

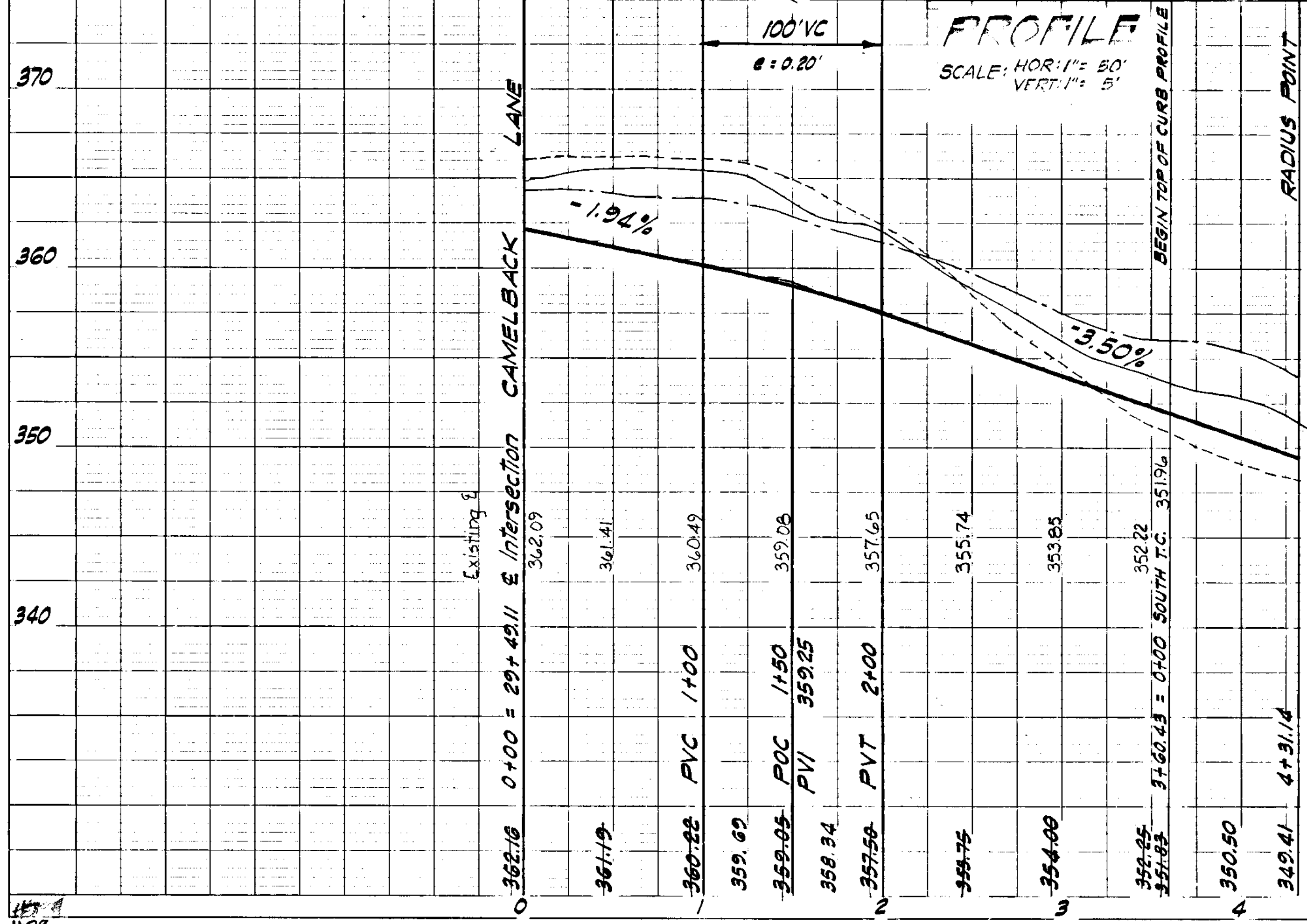


STORM DRAINAGE STRUCTURE SCHEDULE

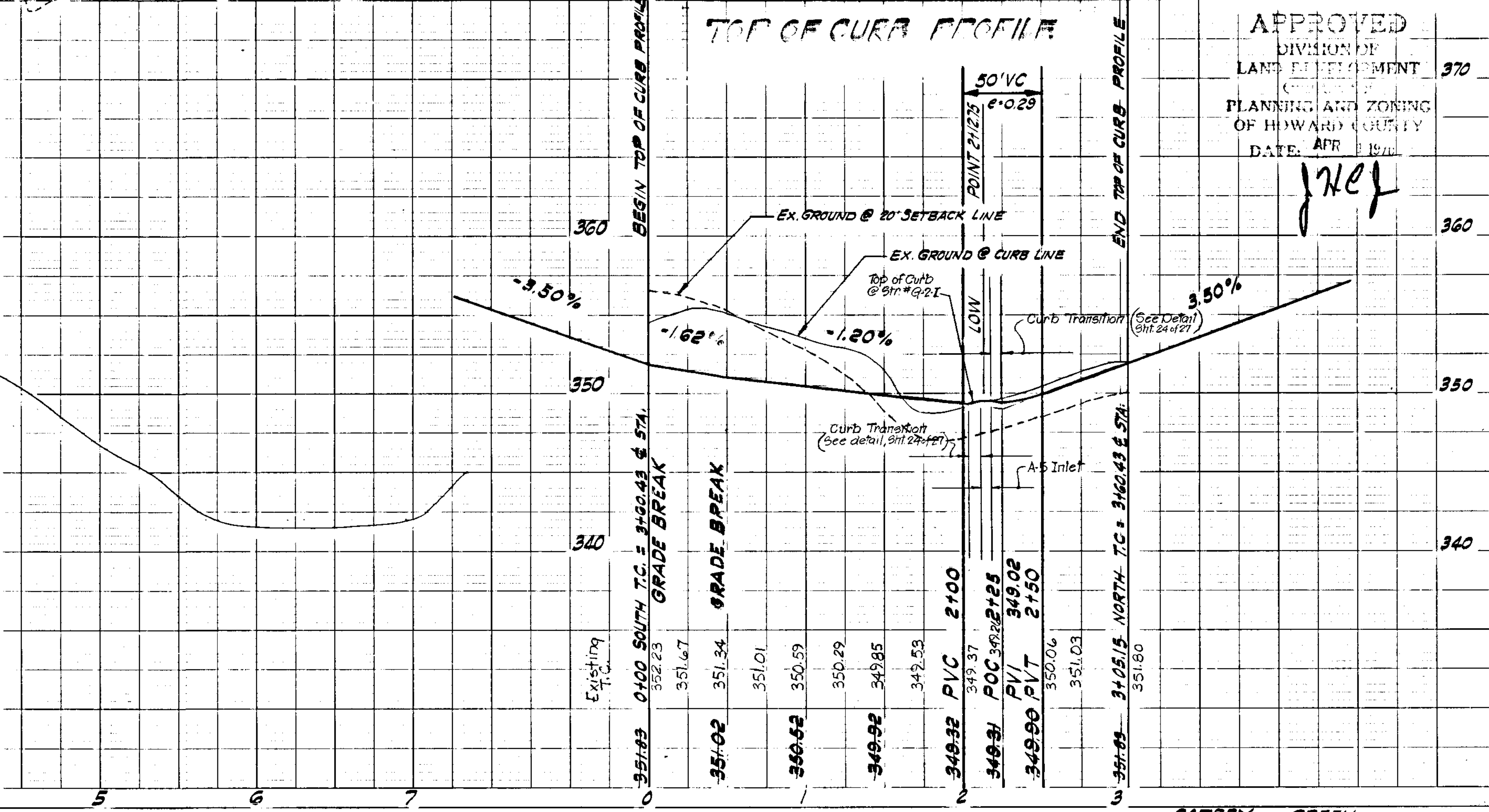
NO.	DESCRIPTION	LOCATION	INV. IN	INV. OUT	VERT. CURV.	REMARKS
1	6" Manhole	Sta. 3+71.00 - 18.00 FT. E.	348.12	348.22	348.29	No. 60 S&J. Dwg. D-103, 10-108
2	A-5 Inlet	Sta. 2+00 T.C. Profile, 125' L. TO TYP. H.	343.43	342.48	349.20	" " " " D-61A, 10-119A
3	6" Type 'C' Endwall	See Plan for Location	337.48	337.08	341.70	" " " " D-52, 10-107
4	3" Manhole	"	337.48	337.18	340.70	" " " " D-103, 10-108

LEGEND
 EX. GROUND @ S
 EX. GROUND @ 20' SETBACK LINE
 EX. GROUND @ CURB LINE
 EX. GROUND @ 20' TYP. H.
 FINISHED GRADE @ 6%
 DATE: APR 1969

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



TOP OF CURB PROFILE



APPROVED
 DIVISION OF LAND DEVELOPMENT
 PLANNING AND ZONING OF HOWARD COUNTY
 DATE: APR 1969
 JHE

PLAN
SCALE: 1" = 50'

PC - 2+45.63
PT - 4+02.34
E CURVE DATA
Δ = 170°56'00"
R = 500.67
L = 156.17
T = 79.00'

PC - 0+44.89
PT - 1+49.72
E CURVE DATA
Δ = 38°24'58"
R = 156.35
L = 104.83
T = 54.47'

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

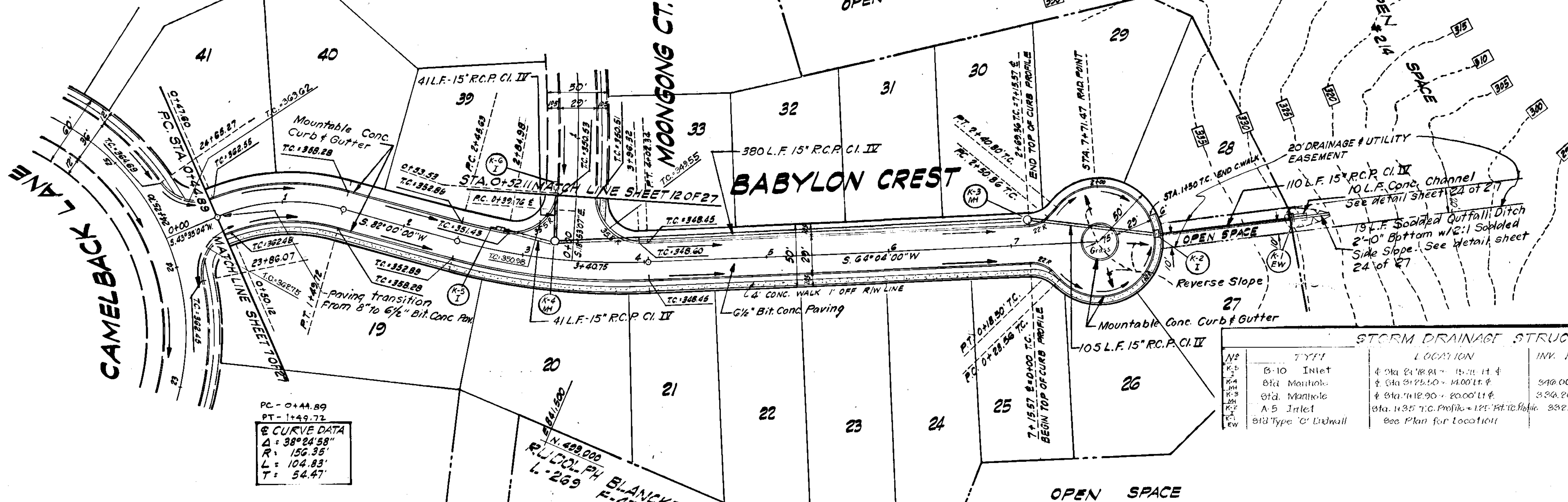
DATE _____

Rev. Date _____ Rev. No. _____ Revision Description _____

CONTRACT NUMBER
6301 ELECTION DISTRICT
HOWARD COUNTY MARYLAND

PROJECT TITLE
VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2
PLAN & PROFILE
BABYLON CREST

Des. By: B.J.B. Scale: AS SHOWN Page No. 11 OF 29
Dwn. By: J.M.S. Date: FEB. 1969 C.C.F. No. _____
Chk. By: _____ Approved: _____

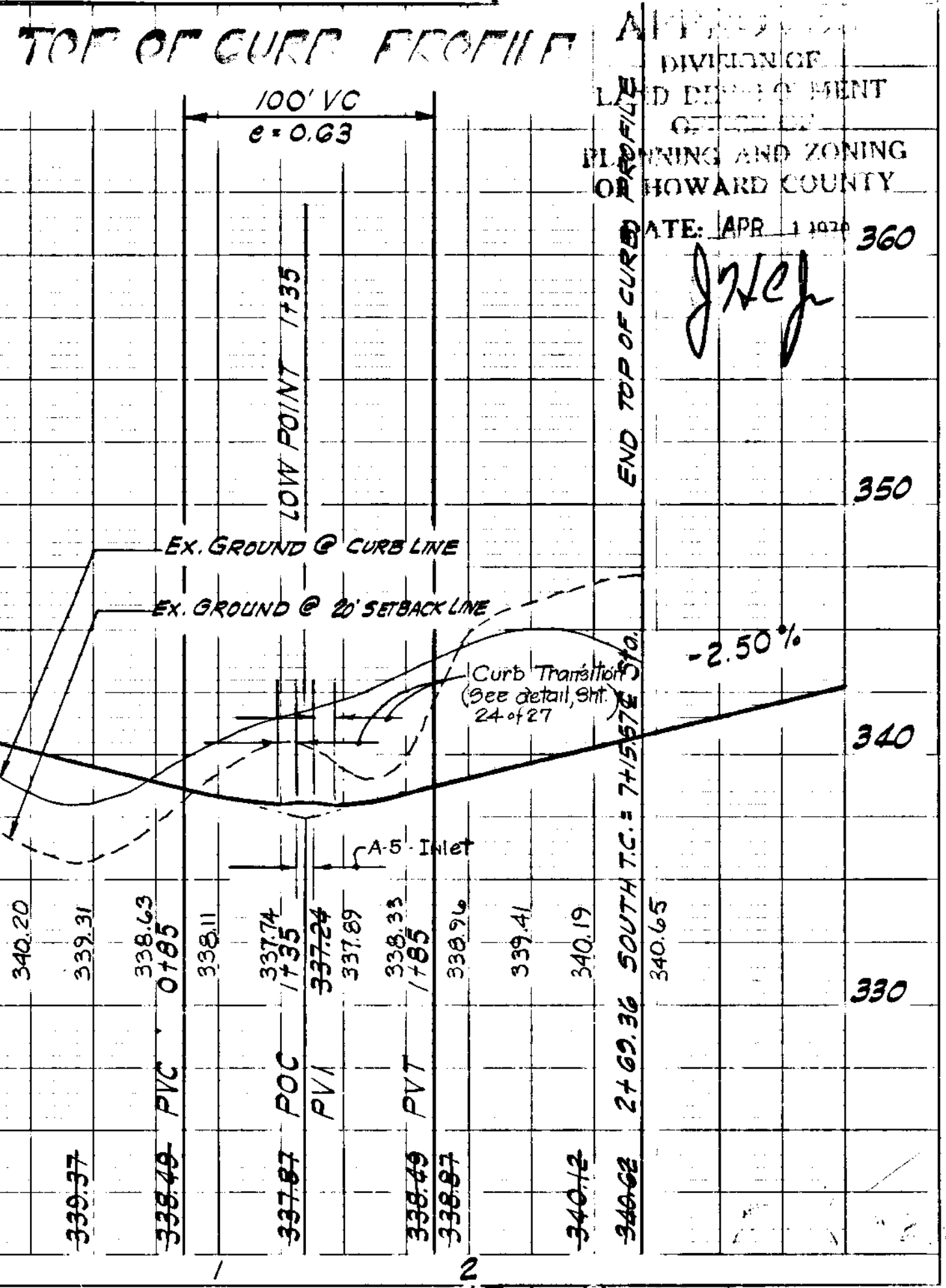
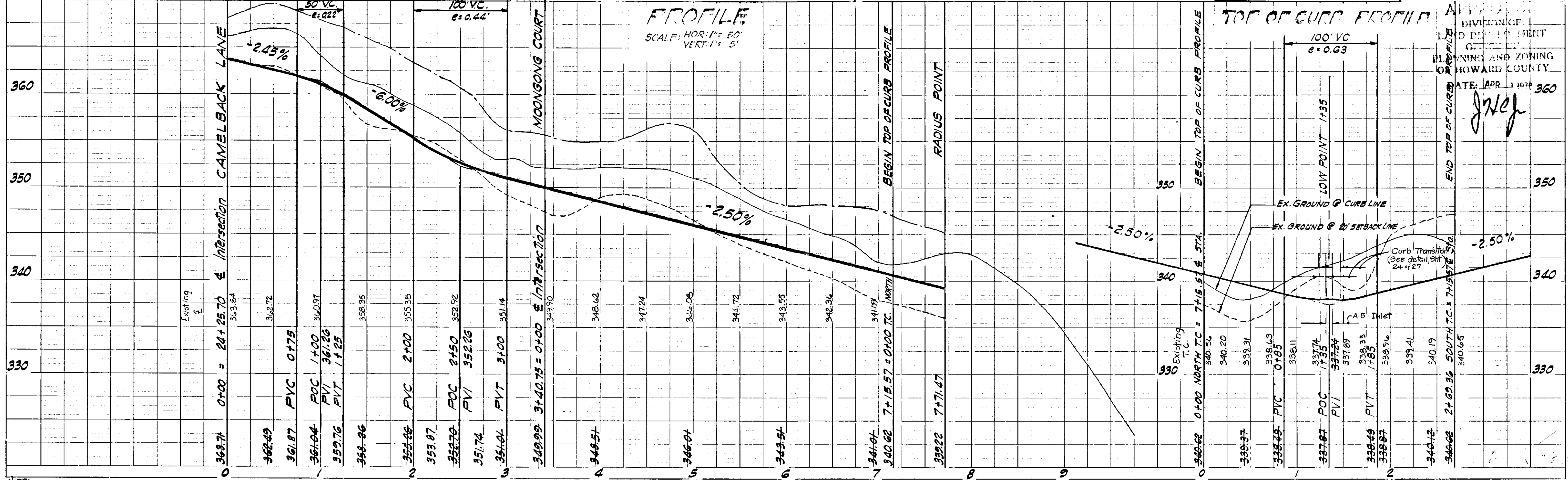


STORM DRAINAGE STRUCTURE SCHEDULE

No.	TYPE	LOCATION	INV. IN	INV. OUT	10' ELEV.	REMARKS
B-10	Inlet	Sta. 8+12.91 - 15.21 H. #	349.00	347.03	347.65	Ho. on Sta. Dwy. 04A, 10116
B-10	Manhole	Sta. 9+26.10 - 14.00 L. #	349.20	346.05	346.15	" " " " D-103, 10115
A-5	Inlet	Sta. 1+12.90 - 20.00 L. #	349.20	346.05	340.92	" " " " D-103, 10115
B-10	Manhole	Sta. 1+35.70 - 12.10 R. #	352.90	352.30	353.12	" " " " D-64A, 10110A
B-10	Manhole	See Plan for Location	352.90	352.15	352.15	" " " " D-52, 10107

LEGEND
EX. GROUND @ 5'
EX. GROUND @ 20' R/W
EX. GROUND @ 20' L. R/W
FINISHED GRADE @ 5'

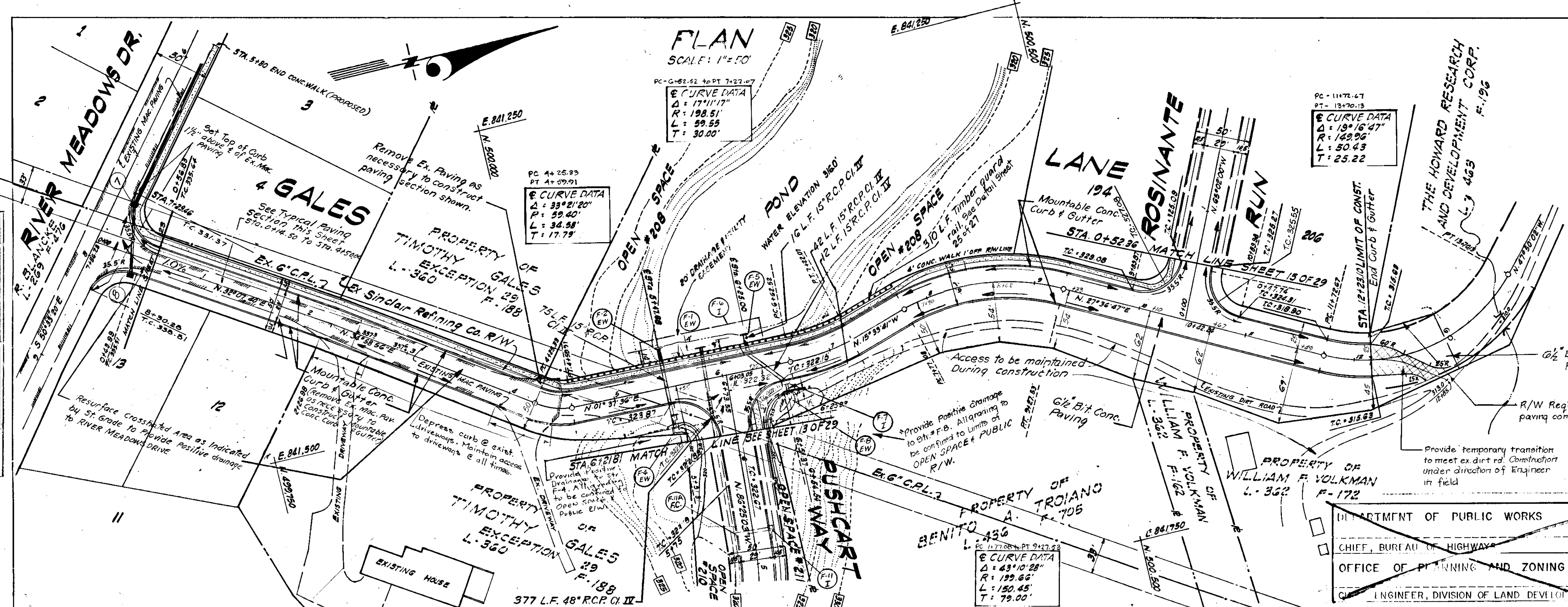
PROFILE
SCALE: HOR. 1" = 50' VERT. 1" = 5'



DATE: APR 1 1974
J.M.S.

Rev. No.	Rev. Date	Revision Description
1		

HOWARD COUNTY MARYLAND
HOWARD RESEARCH AND DEVELOPMENT CORP.
PROJECT # 111
VILLAGE OF OAKLAND MILLS
SECTION 5, SILVER'S FOREST, AREA 2
PLAN & PROFILE
GALES LANE
Des By: B.J.B. AS SHOWN Dwg. No. 14 OF 29
Dwn By: J.C.F. Date: FEB. 1969 C.C.F. No.
Clk By: Approved



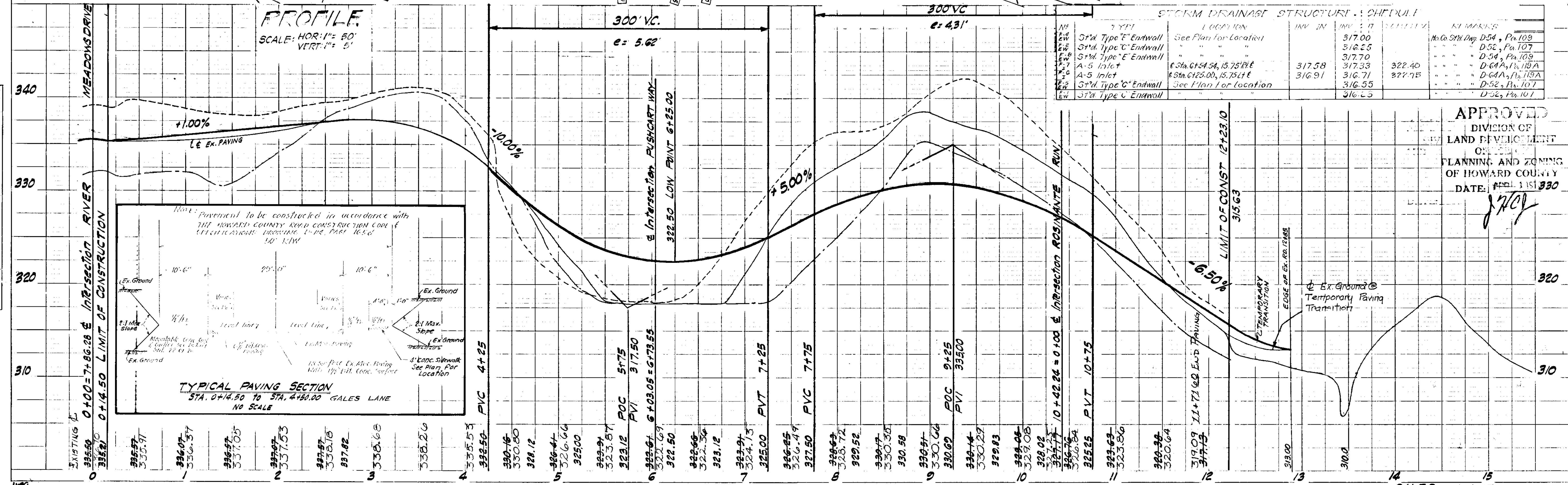
PAPER PRINT SIGNED BY:
WALTER PARK 4-15-74

3/24/69

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE
OFFICE OF PLANNING AND ZONING
ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

LEGEND

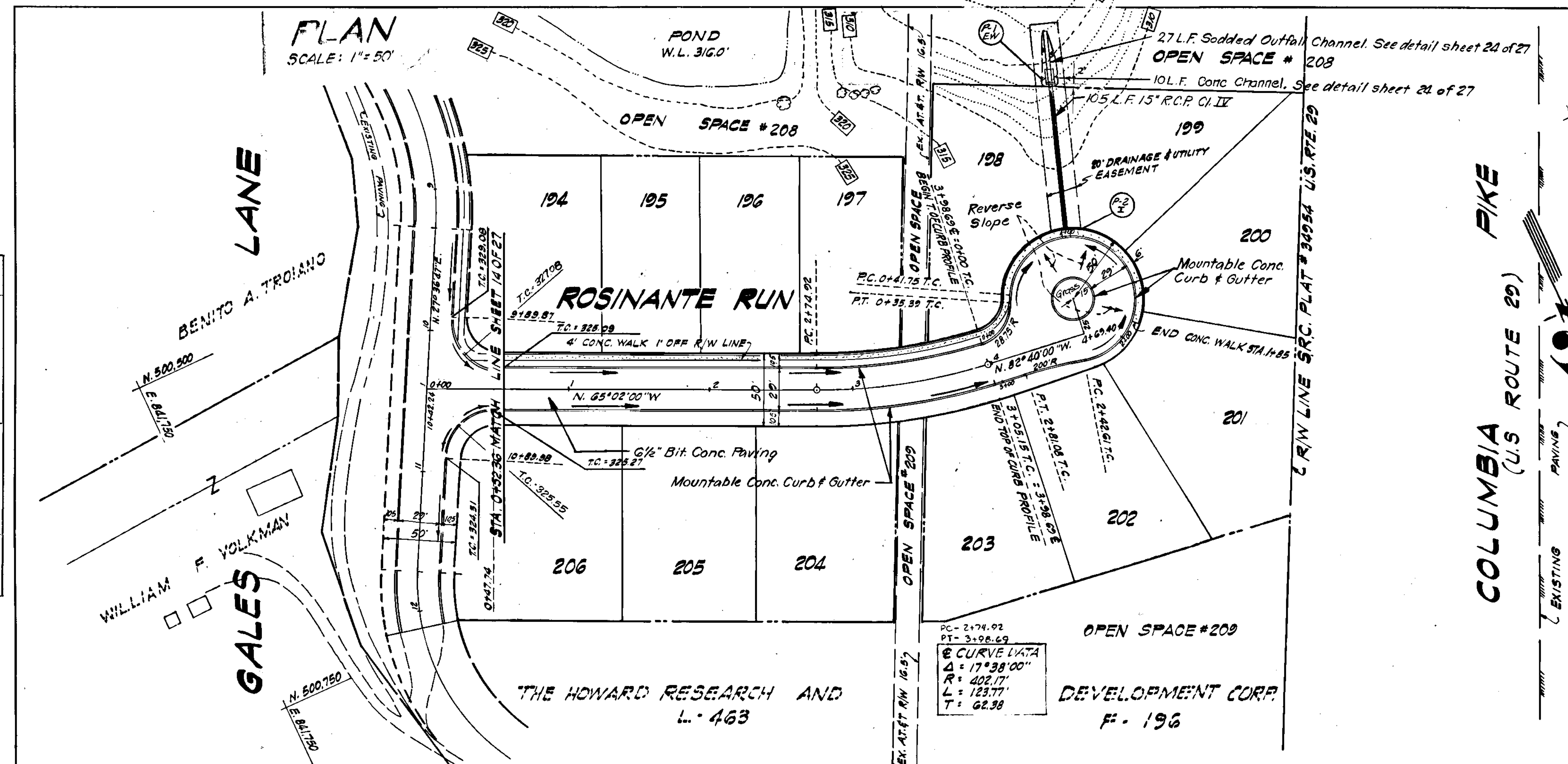
EX. GROUND @
EX. GROUND TO R/W
EX. GROUND TO L.R.W.
FINISHED GRADE @ P&L



APPROVED
DIVISION OF LAND DEVELOPMENT
OFFICE OF PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 1 1969

DATE	BY	REVISION

DATE	BY	REVISION



GREENHORN AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev. Date: Rev. No.: Revision Description:

HOWARD COUNTY MARYLAND
HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF OAKLAND MILLS
SECTION 5, SILVER LEAF ST., AREA 2

PROJECT TITLE: **PLAN & PROFILE ROSINANTE RUN**

Des. By: B.J.B. Date: AS SHOWN Date: FEB. 1969 Page No. 15 OF 29
Dwn. By: J.K.P. Date: FEB. 1969 C.C.I. No.
Chk. By: Approved:

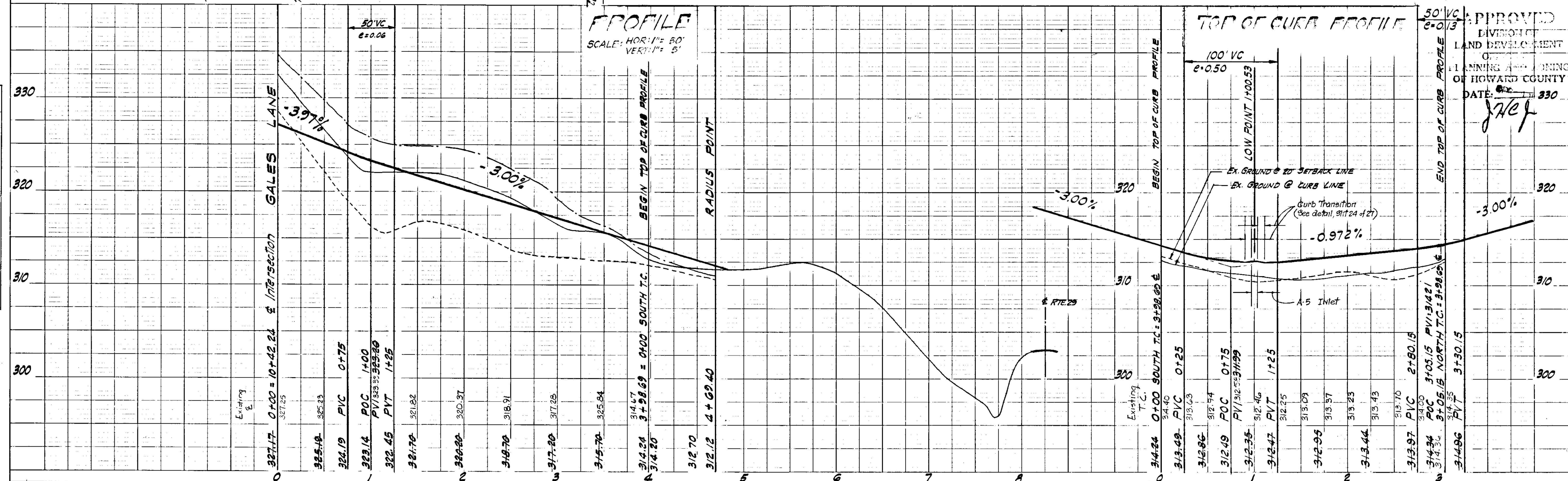
STATE OF MARYLAND
RESIDENT ENGINEER
3/24/69

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE
OFFICE OF PLANNING AND ZONING DATE
CITY ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	DEPTH	REMARKS
1	A-5 Inlet	Sta 3100.70 Profile - 125' 11" 7/8 Profile	301.85	312.60	10.75	16' Co. 811100, 17' 6" 10' 11/2
2	Std Type 'C' Endwall	See Plan for Location	304.18	312.60	8.42	16' Co. 811100, 17' 6" 10' 11/2

Paper as-built copy signed by Walter Park, April 15, 1974



GREENHORNE AND O'MARA, INC.
 ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
 6715 KENILWORTH AVENUE RIVERDALE, MD.

12-15-69 1 Grade on Offshore Green Revised

Rev. Date Rev. No. Revision Description

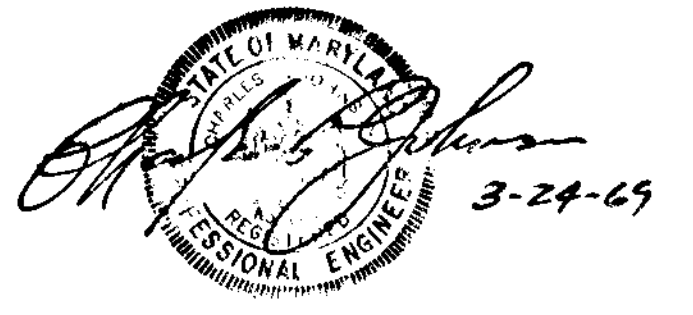
COO CLUB / MARIETTA
 CITY ELECTOR DISTRICT
 HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.
 THE VILLAGE OF OAKLAND MILLS BALTIMORE, MARYLAND 21200

PROJECT: VILLAGE OF OAKLAND MILLS SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT: **PLAN & PROFILE OFFSHORE GREEN**

Des. By: B.J.B.E.M.L.S. AS SHOWN Dec. No. 16 OF 29
 Dwn. By: 7/7/70 Date: FEB. 1969 C.C.T. No.
 Chk. By:



Paper as-built copy signed by Walter Park, April 15, 1974

DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING

CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

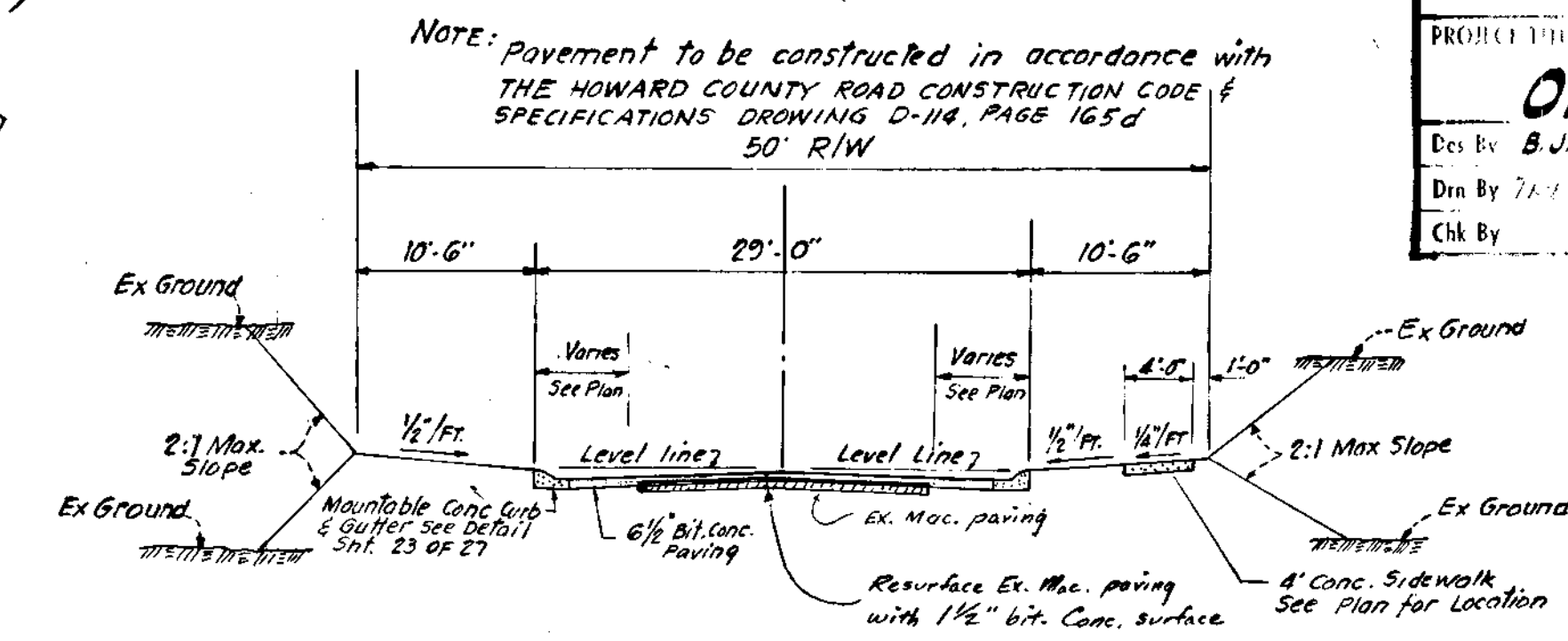
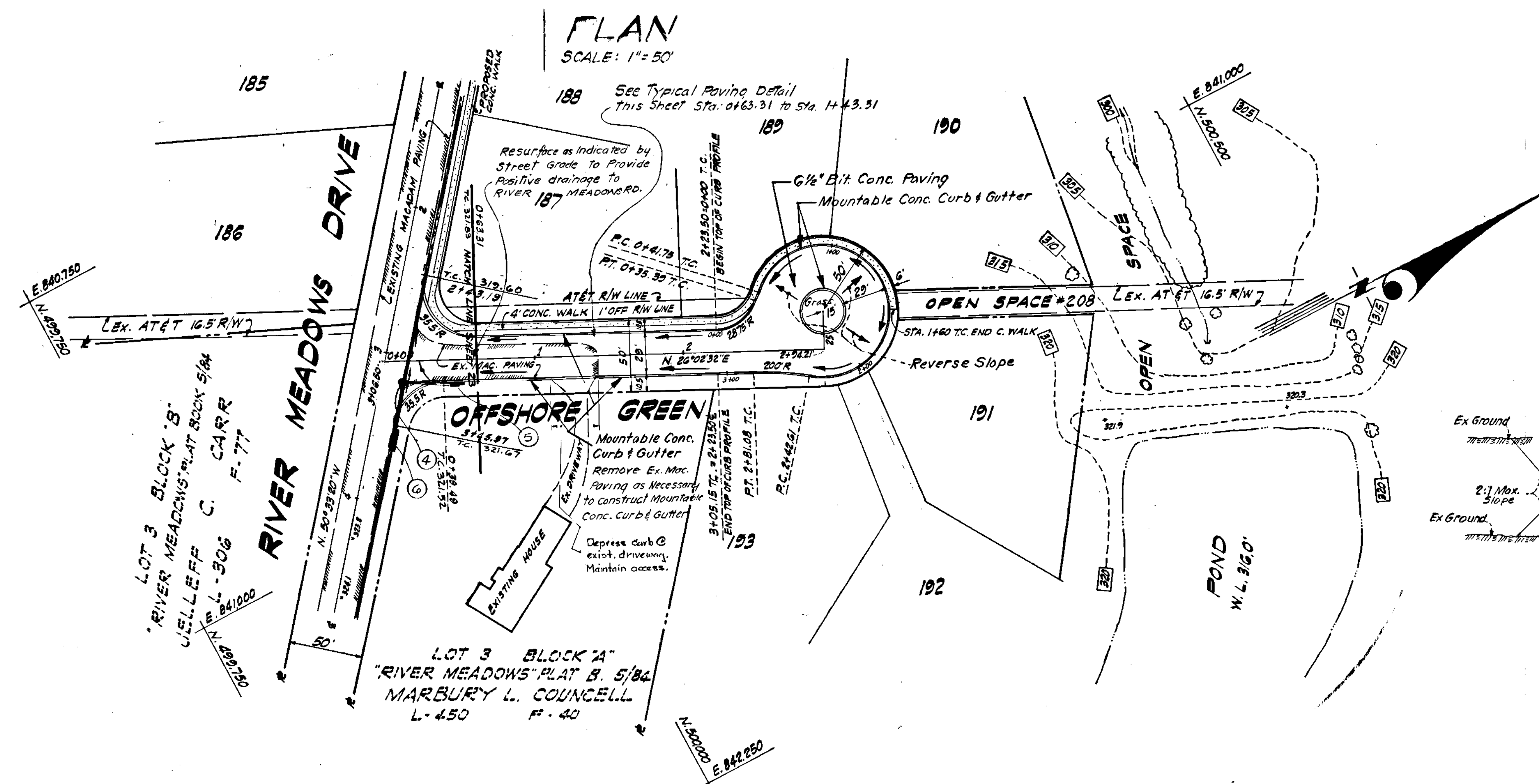
LEGEND

EX. GROUND @ S
 EX. GROUND @ E. R/W
 EX. GROUND @ L. R/W
 FINISHED GRADE @ P&L

APPROVED

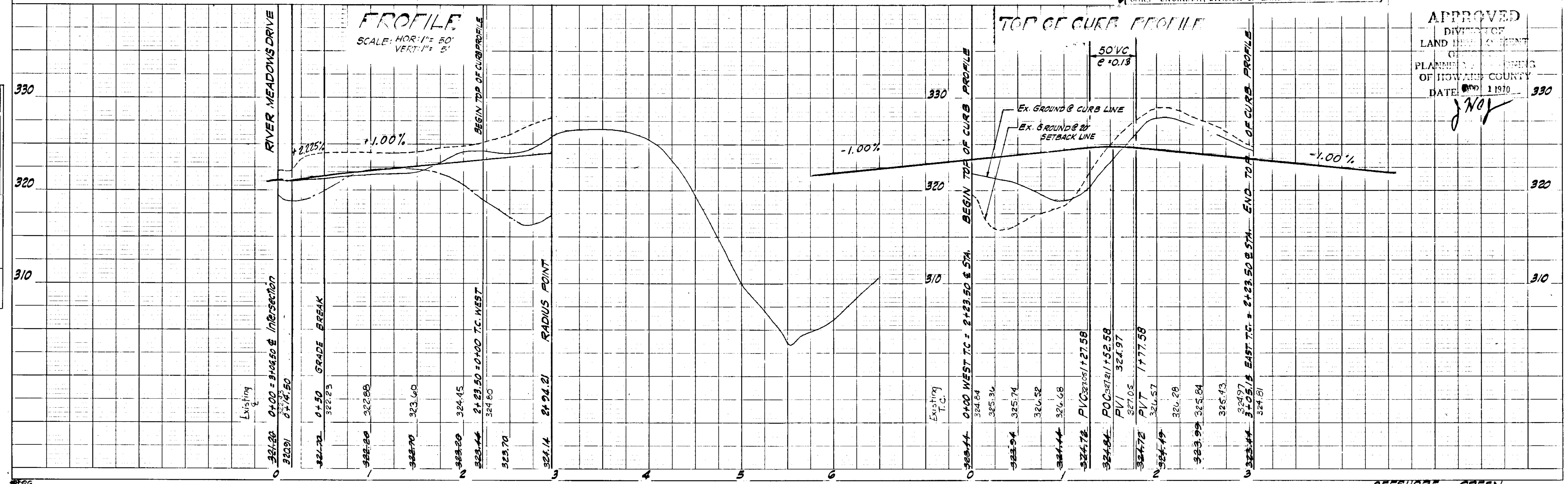
DIVISION OF LAND DEVELOPMENT
 CHIEF ENGINEER
 PLANNING AND ZONING DEPARTMENT
 COUNTY OF HOWARD
 DATE: 11/1970

J. W. Park



DATE	
BY	
NO.	
PLAN	
SURVEYED	
NOTED	
STRUCTURE NOTATIONS ON NO.	

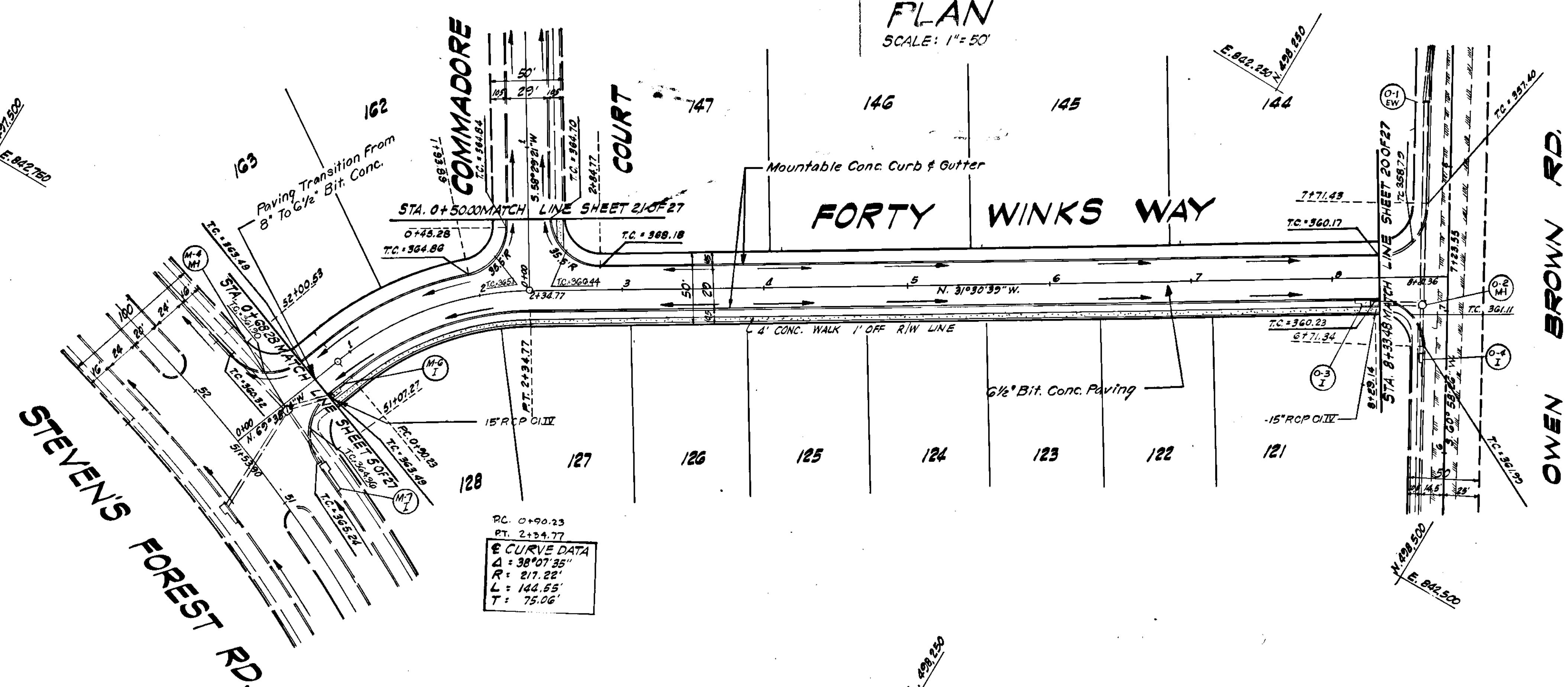
DATE	
BY	
NO.	
PROFILE	
SURVEYED	
NOTED	
STRUCTURE NOTATIONS ON NO.	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PLAN
SCALE: 1" = 50'



PC: 0+90.23
PT: 2+24.77
CURVE DATA
Δ: 38°07'35"
R: 217.22'
L: 144.55'
T: 75.06'

GREENHORN AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev. Date: Rev. No.: Revision Description:

COLLINS & BROWN
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

PROJECT: VILLAGE OF OAKLAND MILLS
SECTION 5, STEVENS FOREST, AREA 2

PROJECT TITLE: **PLAN & PROFILE FORTY WINKS WAY**

Des. By: B.J.B. Scale: AS SHOWN Draw. No: 19 OF 29
Dwn. By: T.K.Z. Date: FEB. 1969 C.C.E. No.
Chk. By: Approved:

Paper as-built copy signed by Walter Bark
April 15, 1974

DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING

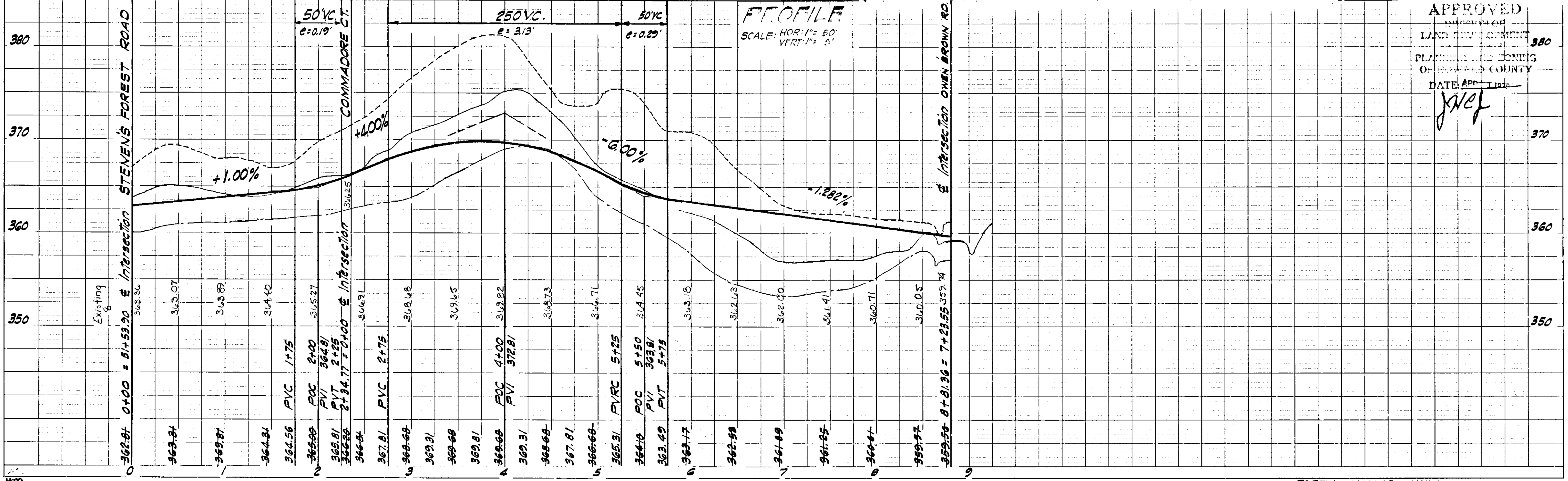
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

LEGEND

EX. GROUND E.C.
EX. GROUND 20' R/W
EX. GROUND 70' L.R.W.
FINISHED GRADE G.P.S.

STORM DRAINAGE STRUCTURE SCHEDULE

No.	TYPE	LOCATION	INV. IN	INV. OUT	COLLECTOR	REMARKS
031	B-10 Inlet	± 31.0 8+22.91, 15+15 P1 &		350.77	360.40	Ho. Co. 911 Dwg. D64-P, R, 119B
M-61	B-10 Inlet	± 31.0 0+14.45, 15+15 P1 &		300.04	360.40	" " " " D64B, R, 119B



APPROVED

PLANNING AND ZONING
OF HOWARD COUNTY

DATE: APR 11 1974

J.W.E.F.

PLAN
SCALE: 1" = 50'

No	Type	Location	Inv. In	Inv. Out	Top. Elev.	Remarks
041	B-15 Inlet	Station 4+00.00	356.97	354.47	360.45	No. Co. 816 Dwy D-64, P. 7, 10B
02M	6" Manhole	Station 4+00.00	355.37	354.47	360.45	" " " D-103, Pa. 15B
01EW	6" End Support Wall	Station 4+00.00	355.37	354.47	360.45	" " " D-46, Pa. 101

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

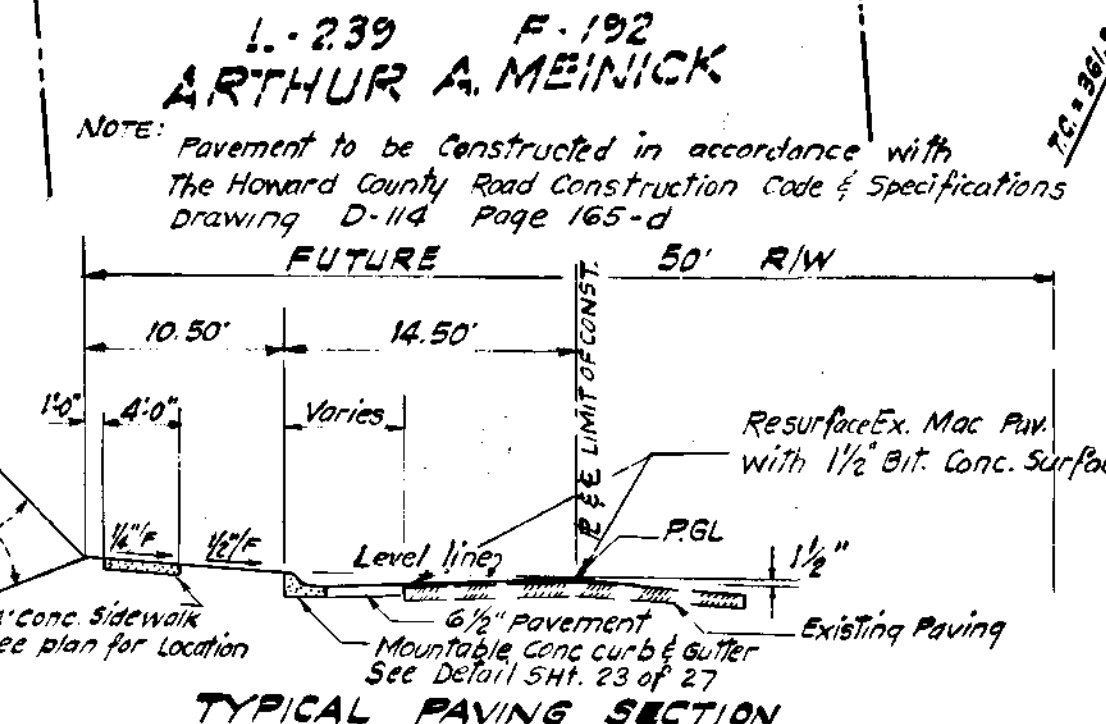
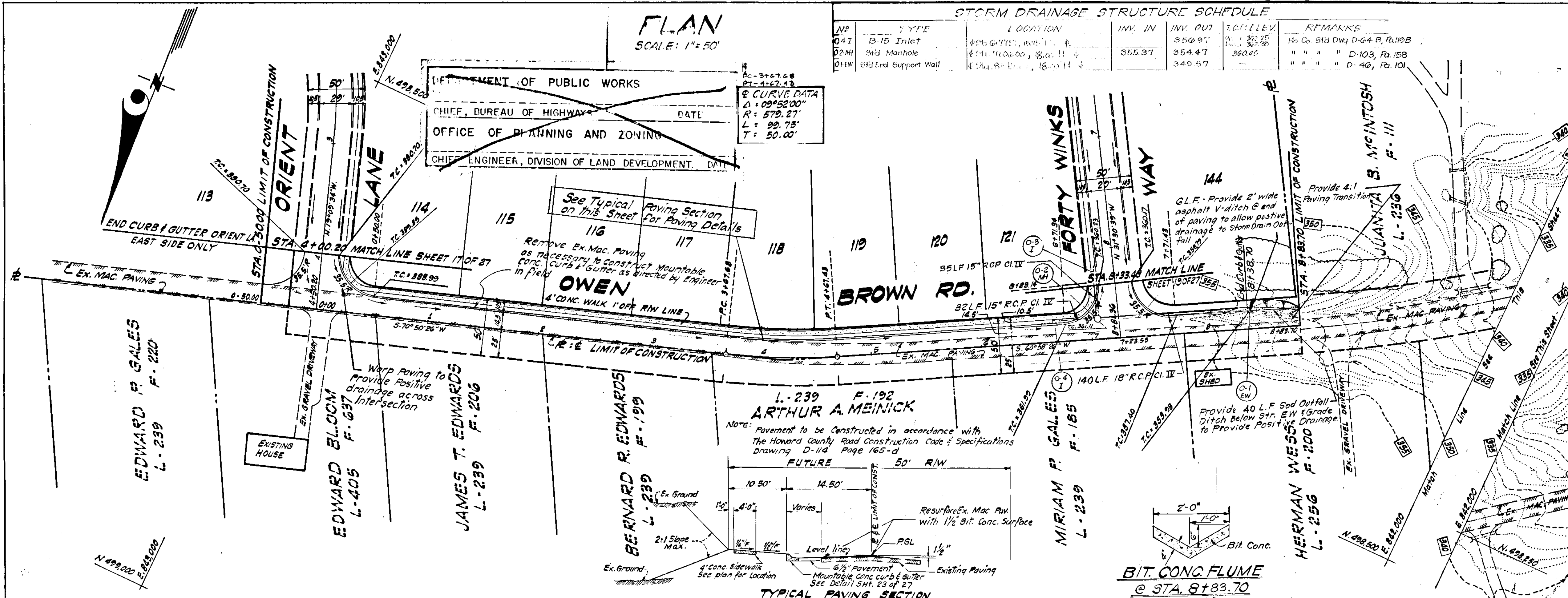
Rev. Date: Rev. No.: Revision Description:

COLUWABA
G.T.E. ELECTION DISTRICT
HOWARD COUNTY MARYLAND

PROJECT: VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT TITLE: **PLAN & PROFILE OWEN BROWN ROAD**

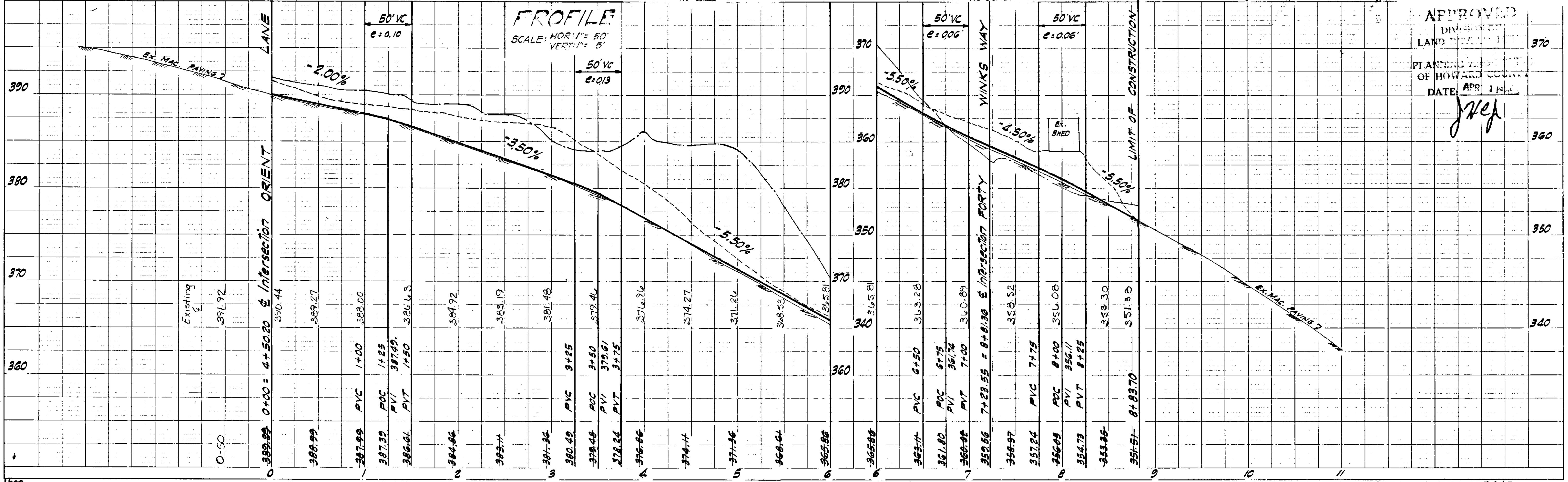
Des. By: B.J.B. Scale: AS SHOWN Page: 20 OF 29
 Dim. By: 7/2/74 Date: FEB. 1969 C.C.T. No.
 Chk. By: Approved:



Paper as-built copy signed by Walter Park April 15, 1974

LEGEND
 EX. GROUND @ 2' OFF RT. R/W
 EX. GROUND @ 2' OFF LT. R/W
 FINISHED GRADE @ P.G.L.

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



APPROVED
DIVISION OF
LAND DEVELOPMENT
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 1 1974

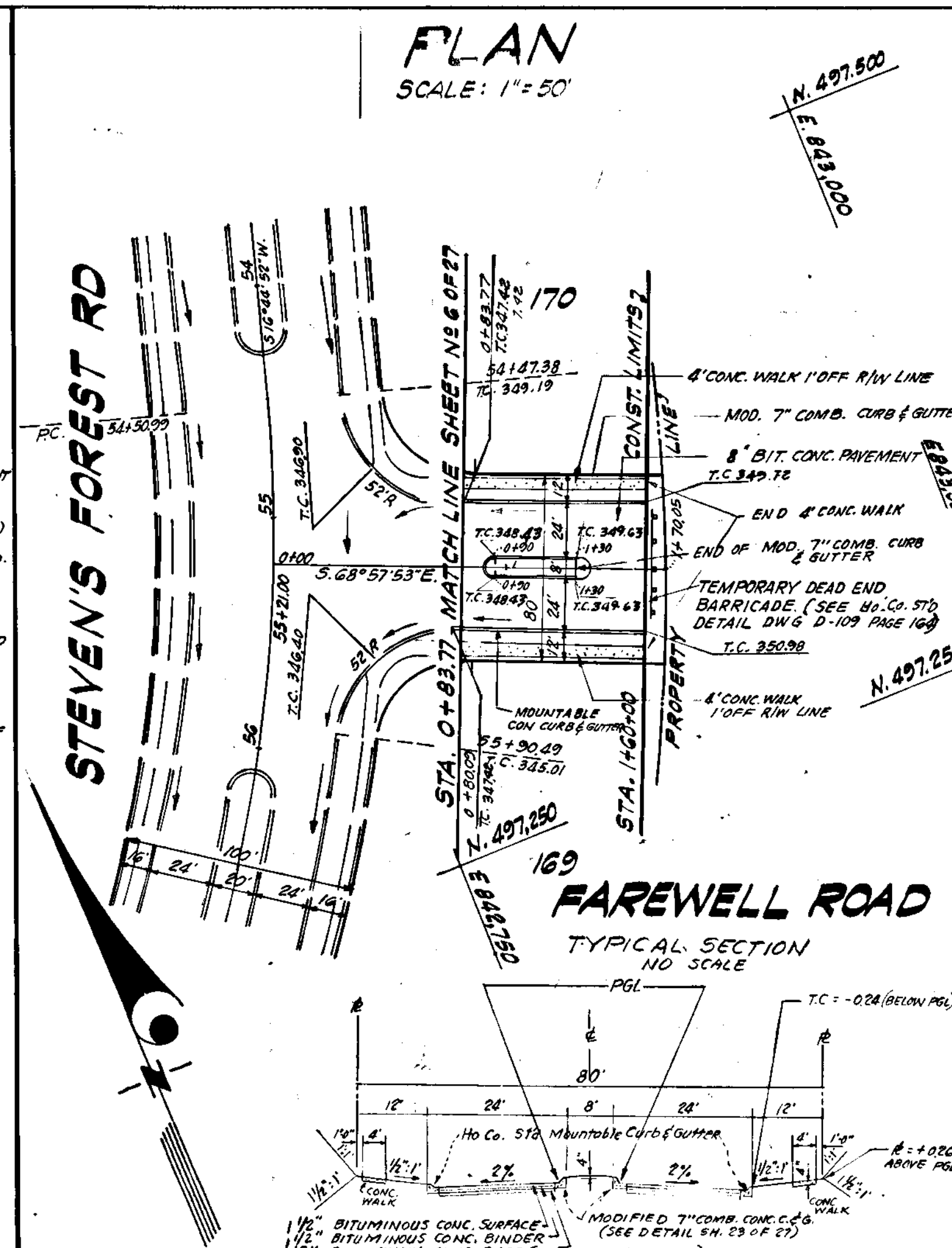
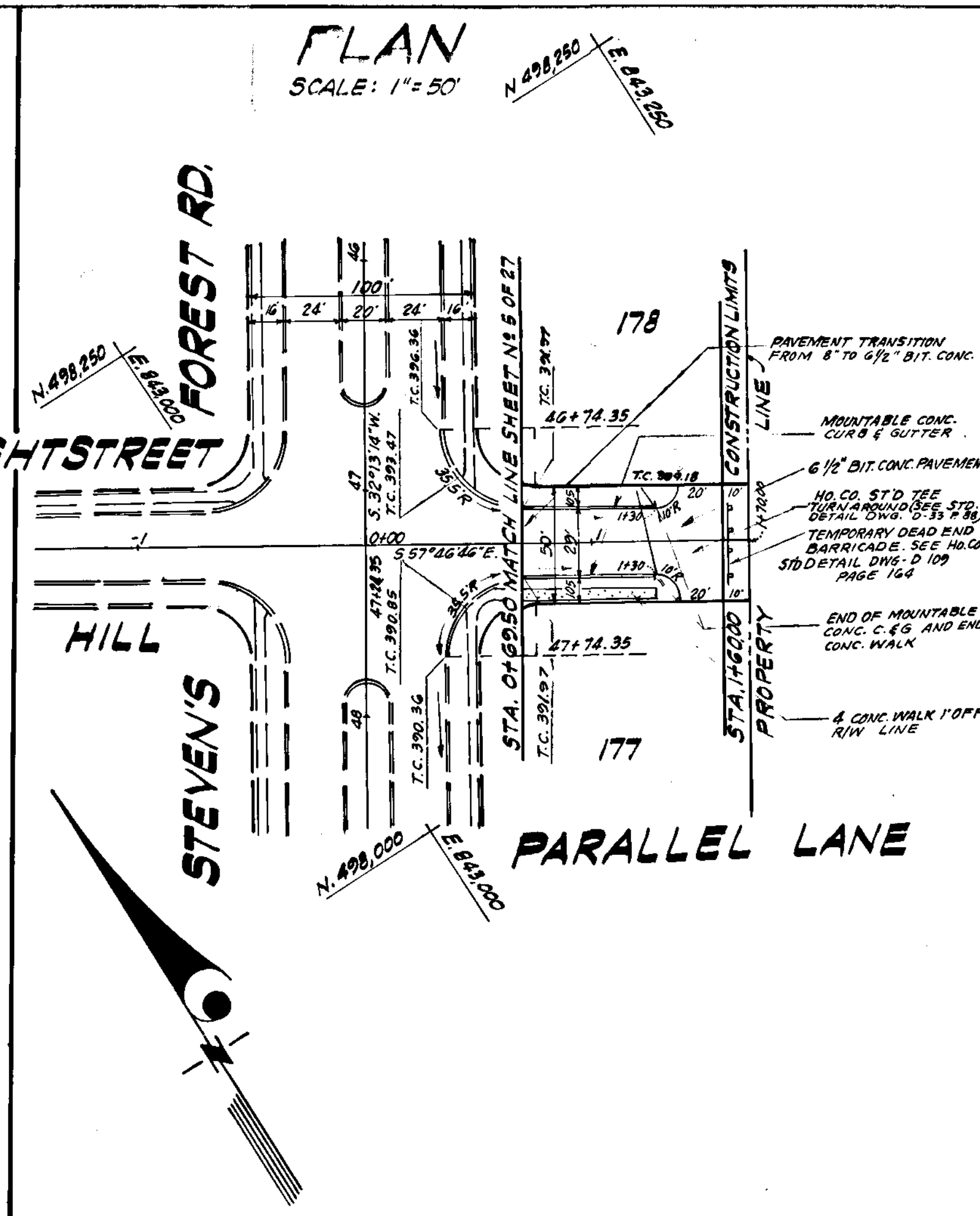
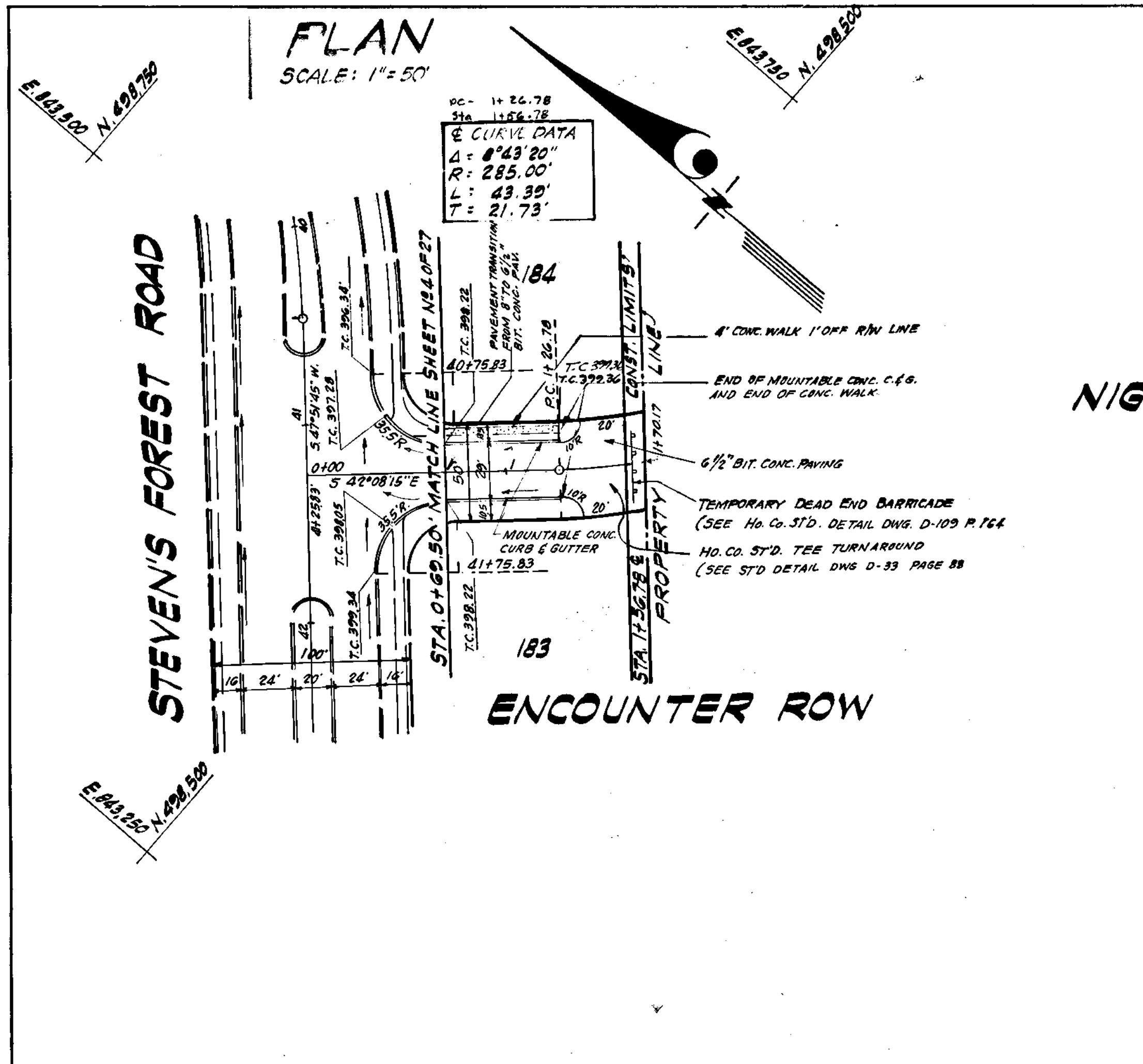
J. H. P.

DATE	BY	REVISION

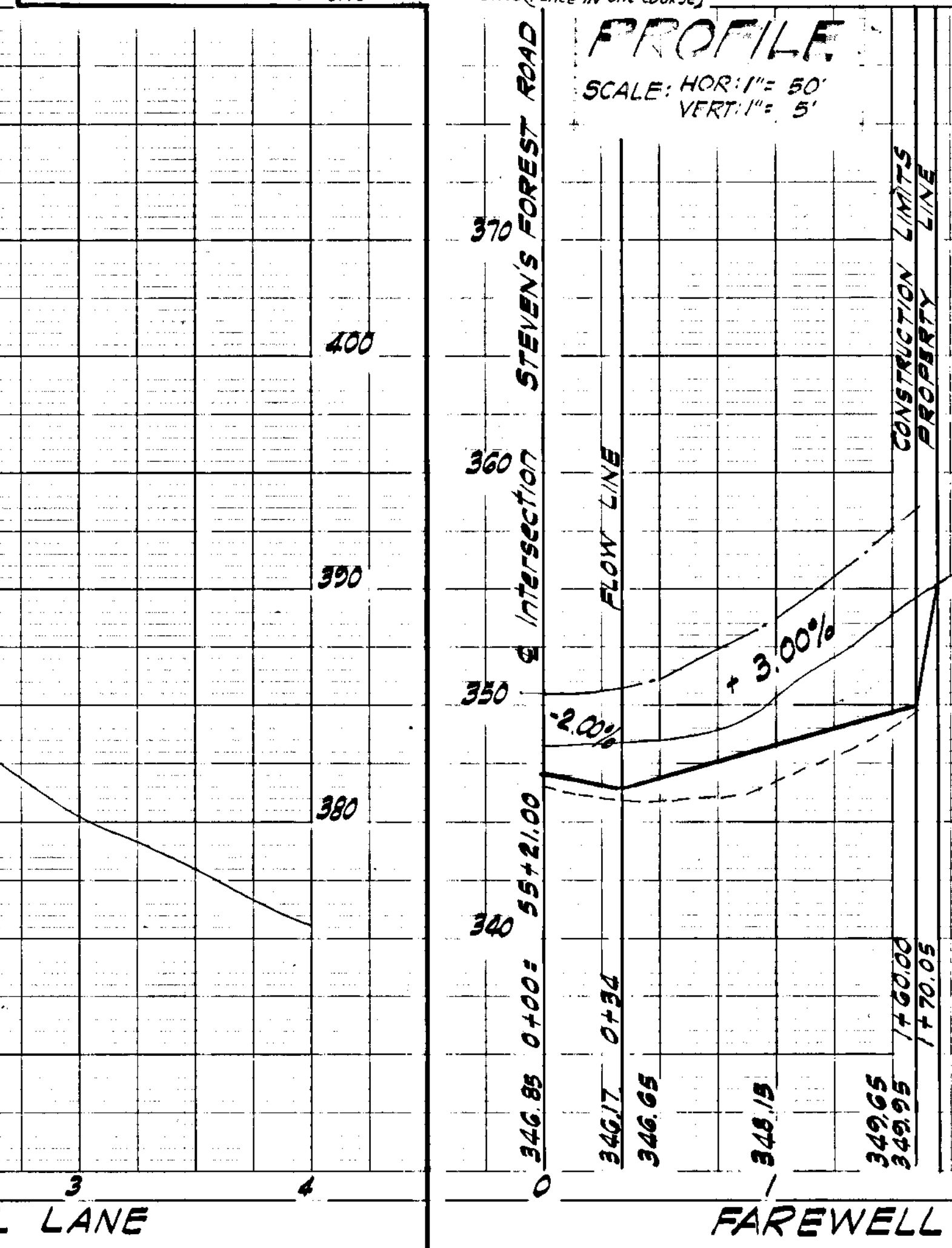
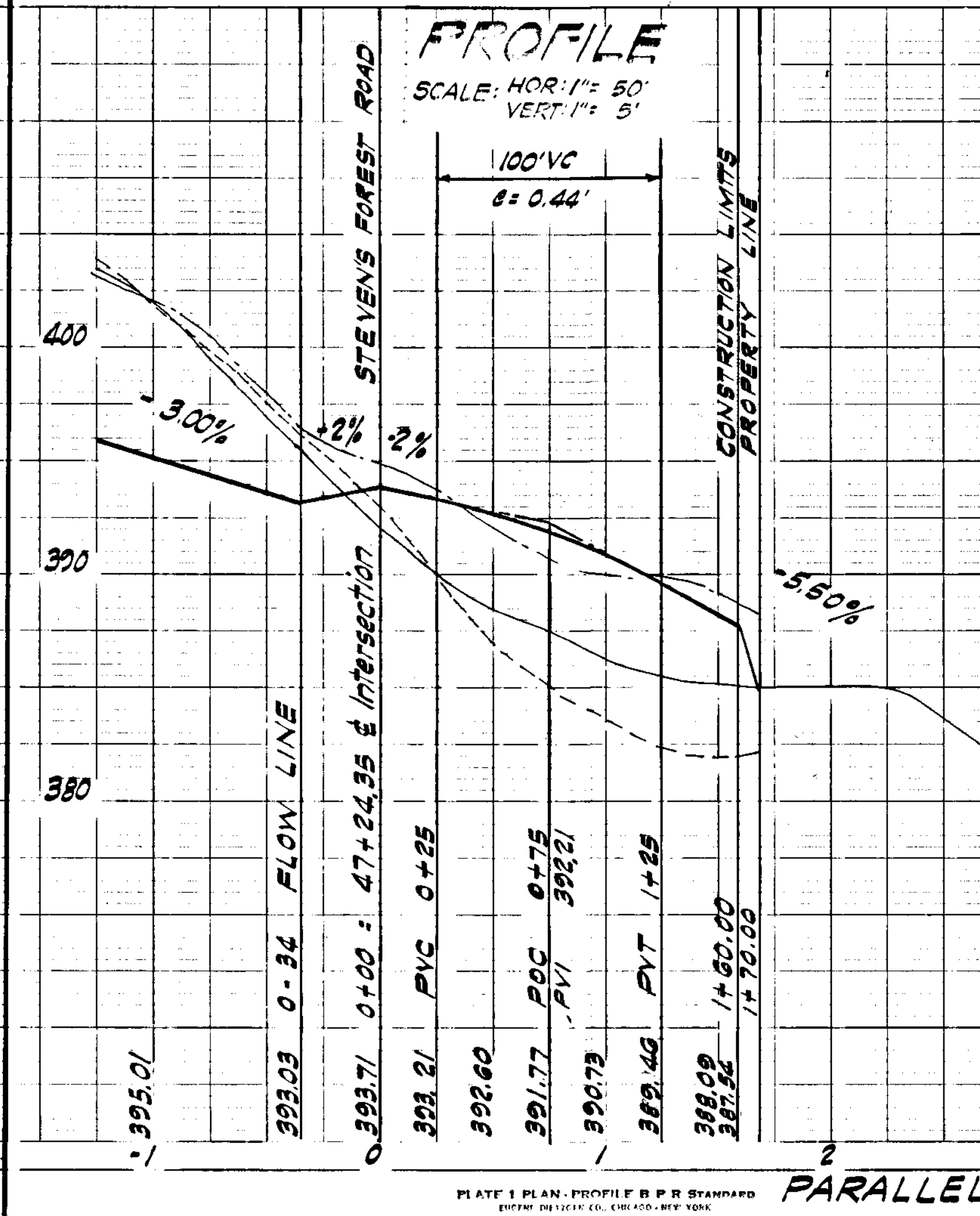
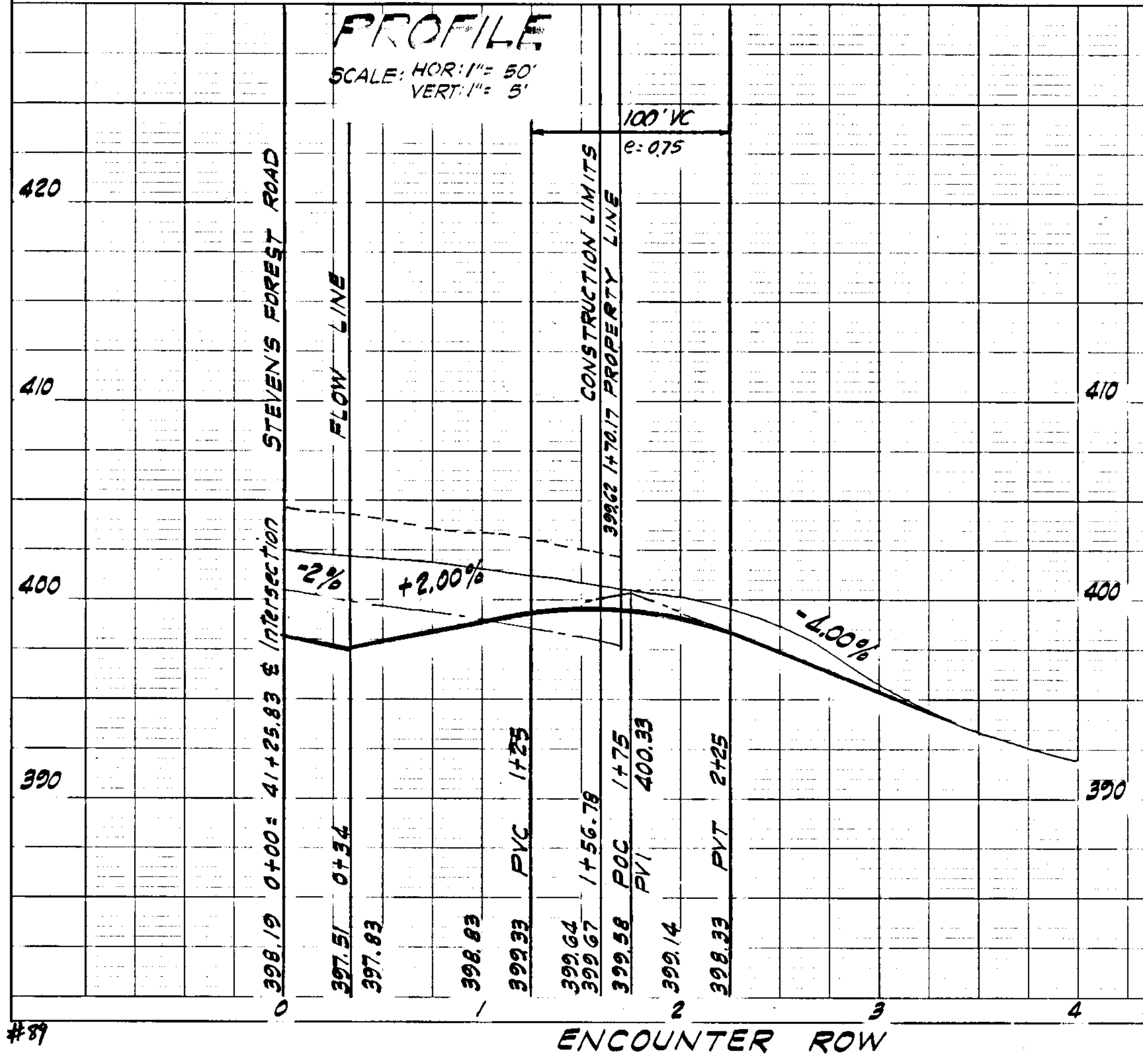
DATE	BY	REVISION

PLAN	DATE
NO.	
BY	
CHECKED	
DATE	

PROFILE	DATE
NO.	
BY	
CHECKED	
DATE	



Rev. Date	Rev. No.	Revision Description
HOWARD RESEARCH AND DEVELOPMENT CORP. PROJECT AREA: VILLAGE OF OAKLAND MILLS SECTION 5, STEVEN'S FOREST, AREA 2 PROJECT TITLE: PLAN AND PROFILE ENCOUNTER ROW, PARALLEL LANE AND FAREWELL ROAD		
Drawn By: JHM/ML	Scale: 1"=50'	Proj. No. 22 of 29
Chk. By: JHM/ML	Date: APRIL 1969	CCF No.
GREENHORNE AND O'MARA, INC. ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS 6715 KENILWORTH AVENUE RIVERDALE, MD.		
DEPARTMENT OF PUBLIC WORKS CHIEF, BUREAU OF HIGHWAYS DATE OFFICE OF PLANNING AND ZONING ENGINEER, DIVISION OF LAND DEVELOPMENT, U.S.		
LEGEND EX. GROUND @ 5' EX. GROUND @ 20' OFF RT. RW EX. GROUND @ 20' OFF LT. RW FINISHED GRADE @ FGL		



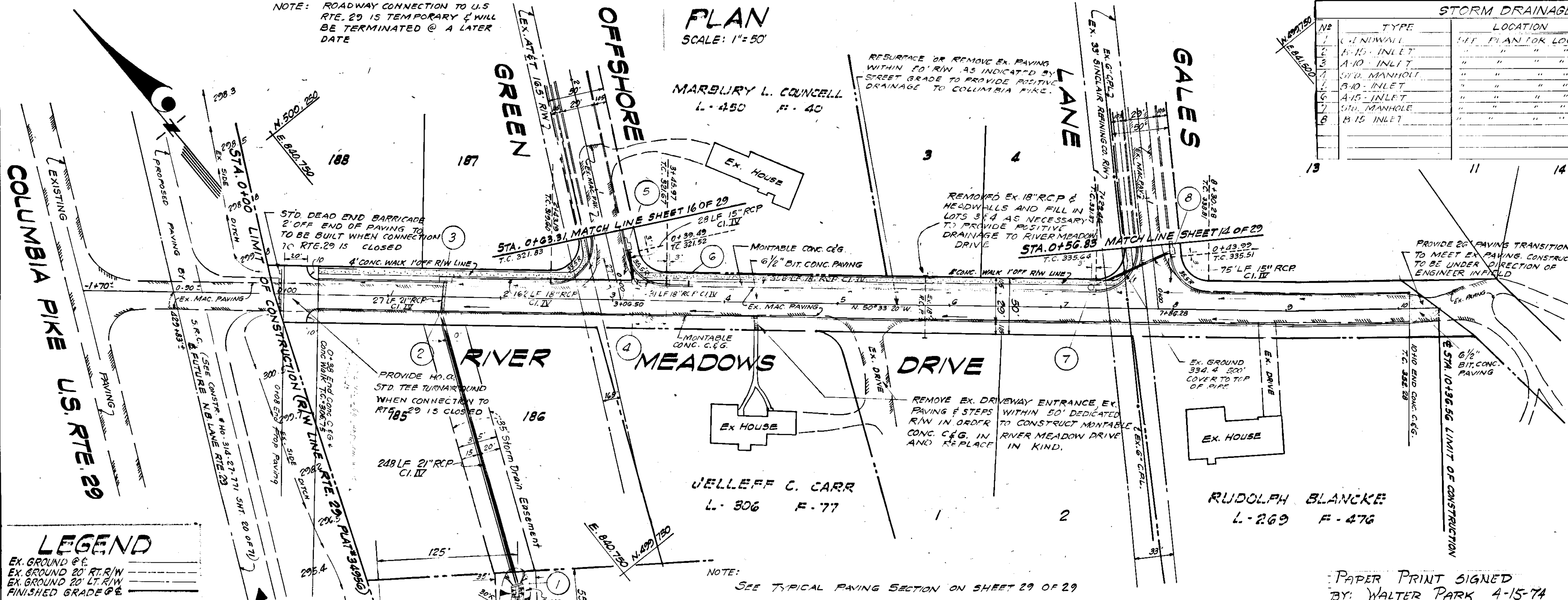
APPROVED	DATE: APR 1969
DIVISION OF LAND DEVELOPMENT PLANNING AND ZONING OF HOWARD COUNTY	

NOTE: ROADWAY CONNECTION TO U.S. RTE. 29 IS TEMPORARY & WILL BE TERMINATED @ A LATER DATE

PLAN
SCALE: 1" = 50'

STORM DRAINAGE STRUCTURE SCHEDULE

No.	TYPE	LOCATION	INV. IN	INV. OUT	T.C.P. ELEV.	REMARKS
1	CONCRETE WALL	SEE PLAN FOR LOC.	308.65	307.68	308.17	SEE PLAN FOR LOC.
2	4" INLET	" " "	310.00	309.19	309.59	" " "
3	4" INLET	" " "	314.86	316.00	315.43	" " "
4	STD. MANHOLE	" " "	316.76	316.76	316.76	" " "
5	4" INLET	" " "	317.50	316.62	317.06	" " "
6	STD. MANHOLE	" " "	324.75	322.87	323.81	" " "
7	4" INLET	" " "		330.00	330.00	" " "



Rev. Date: P. No. Revision Description

COLUMBIA
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF CROSS KEYS - BALTIMORE MARYLAND 21210

PROJECT AREA: VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT TITLE: PLAN & PROFILE
RIVER MEADOWS DRIVE

Des. By: R.W.M. Scale: AS SHOWN Dwg. No: 23 of 29
Dwn. By: TRET Date: JULY 1969 C.C.F. No.
Chk. By: Approved

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

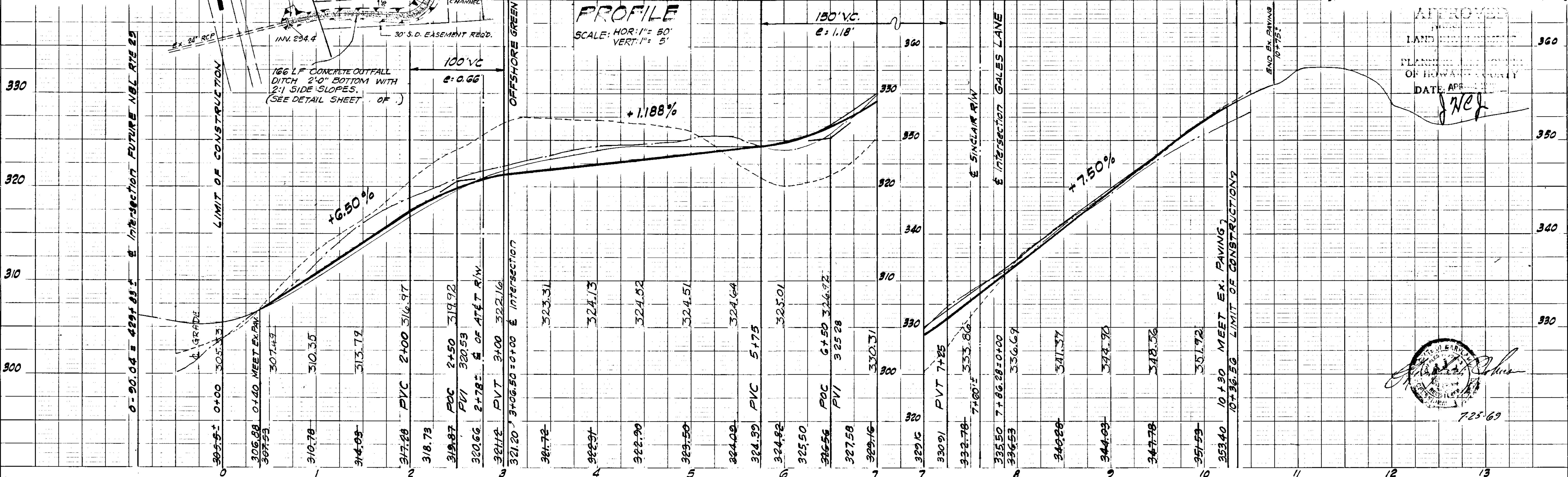
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

DATE: BY: CHECKED: DATE: BY: CHECKED: DATE: BY: CHECKED:

PLAN NOTE BOOK NO. OF WAY CHECKED

LEGEND
EX. GROUND @ E.
EX. GROUND 20' RT. R/W
EX. GROUND 20' LT. R/W
FINISHED GRADE @ E.

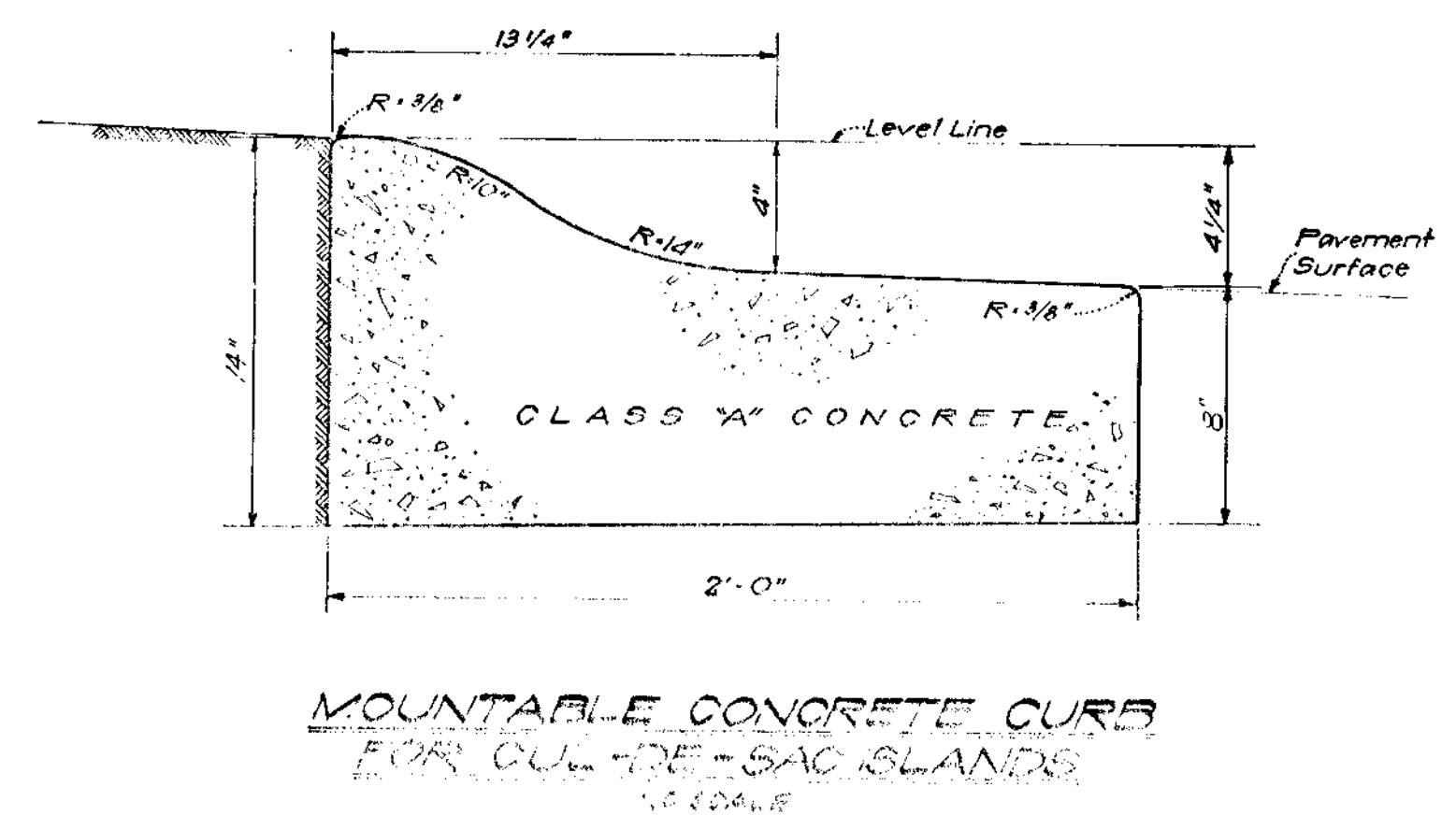
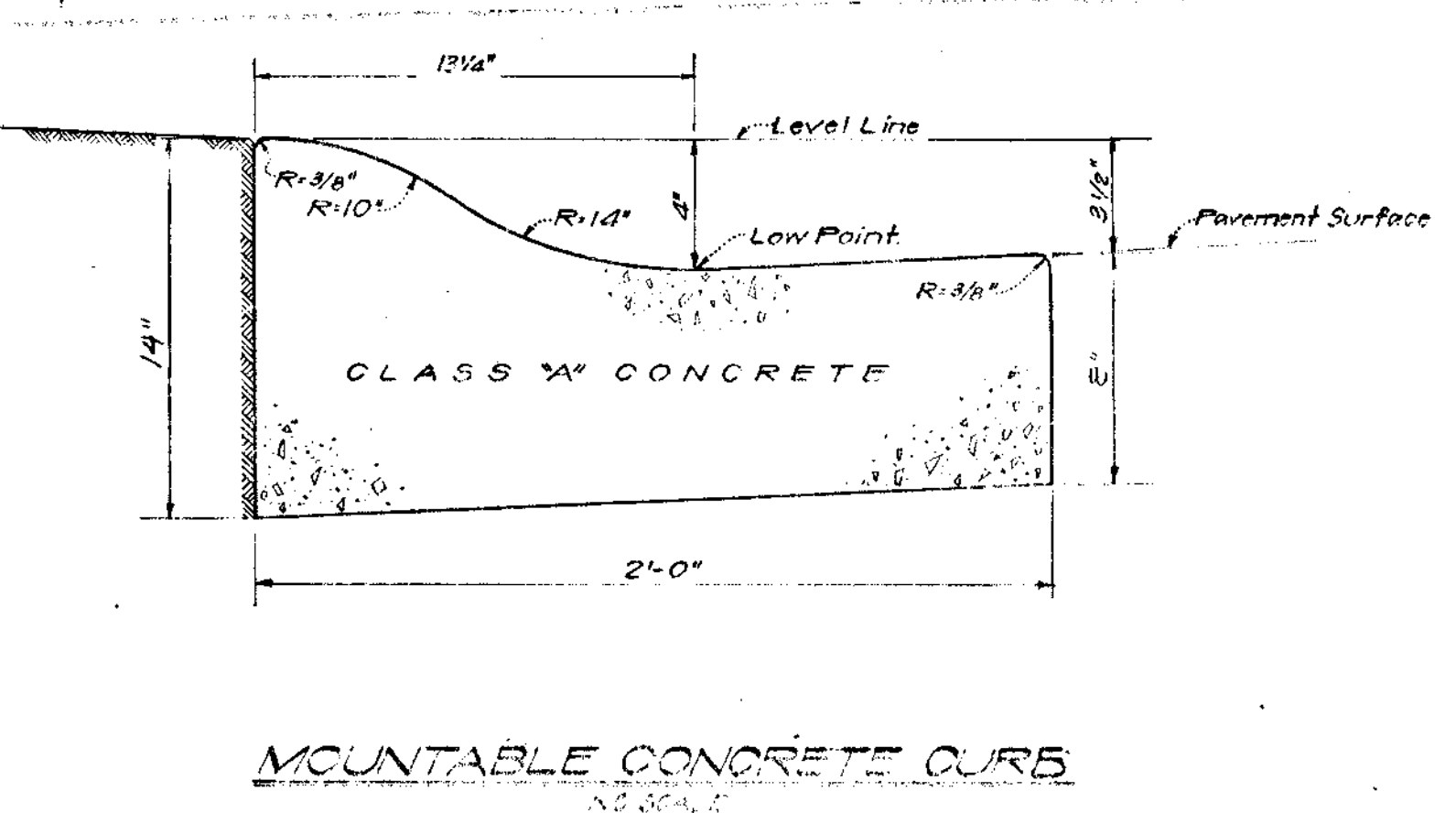
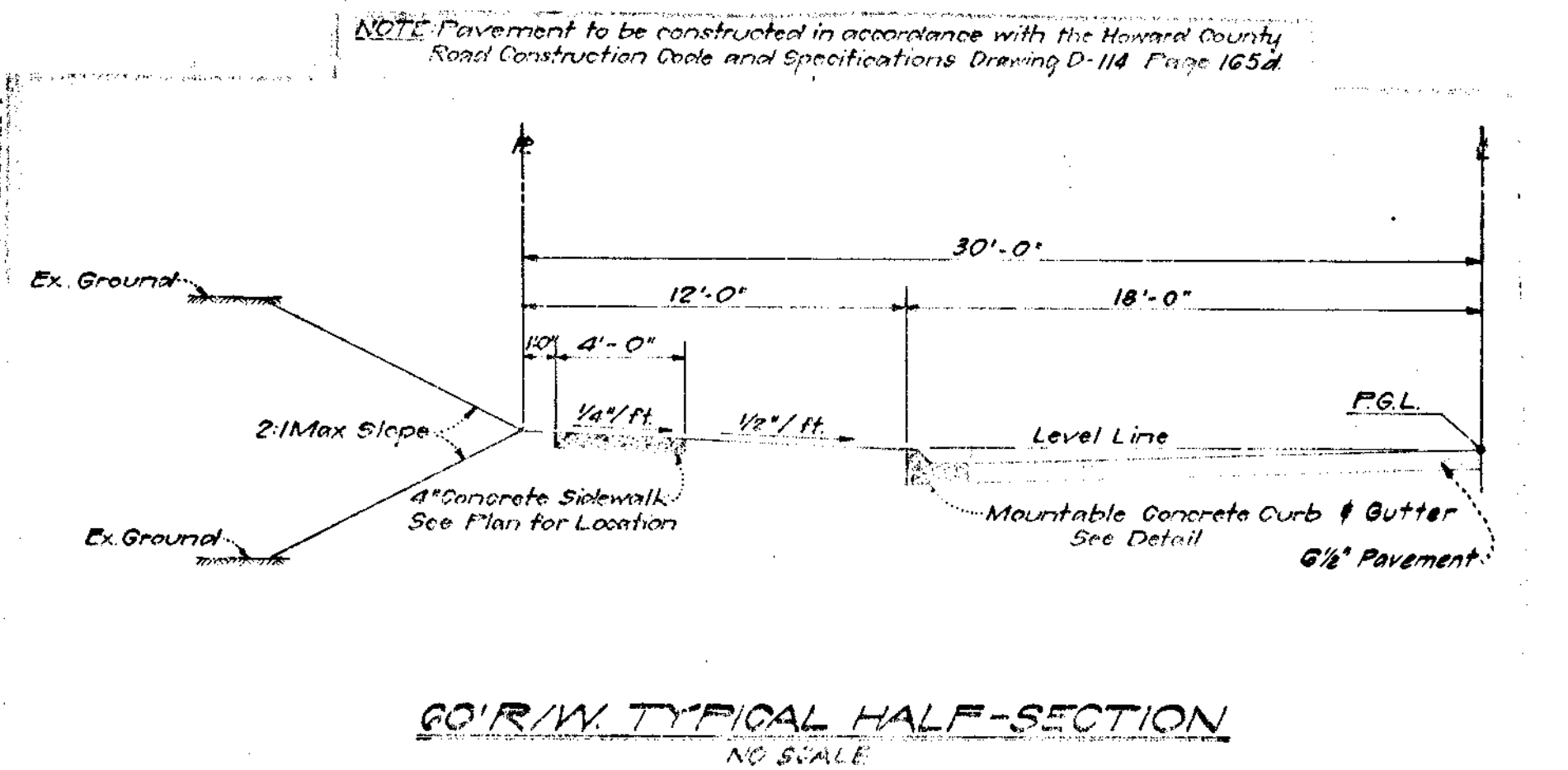
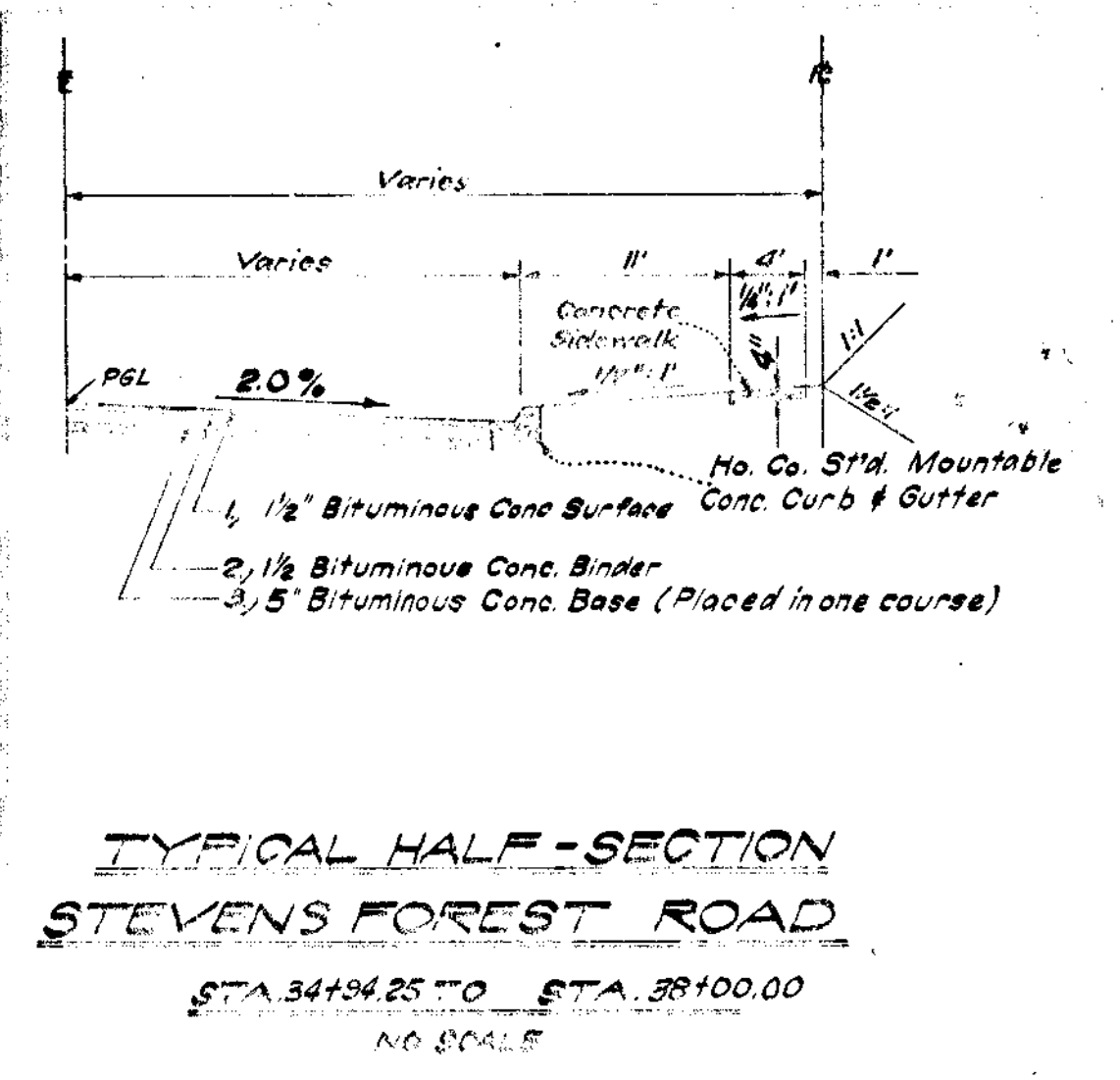
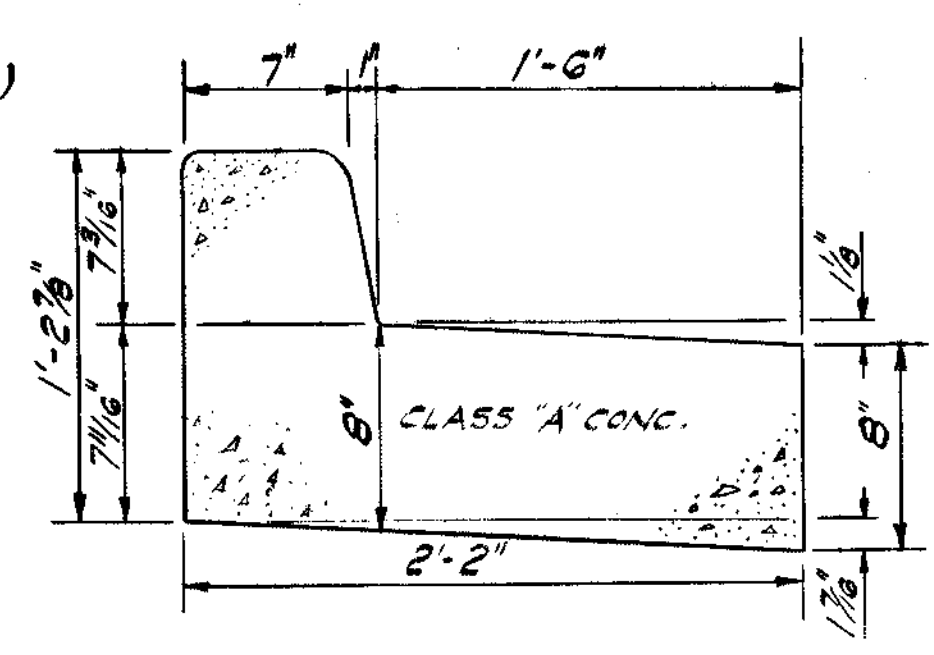
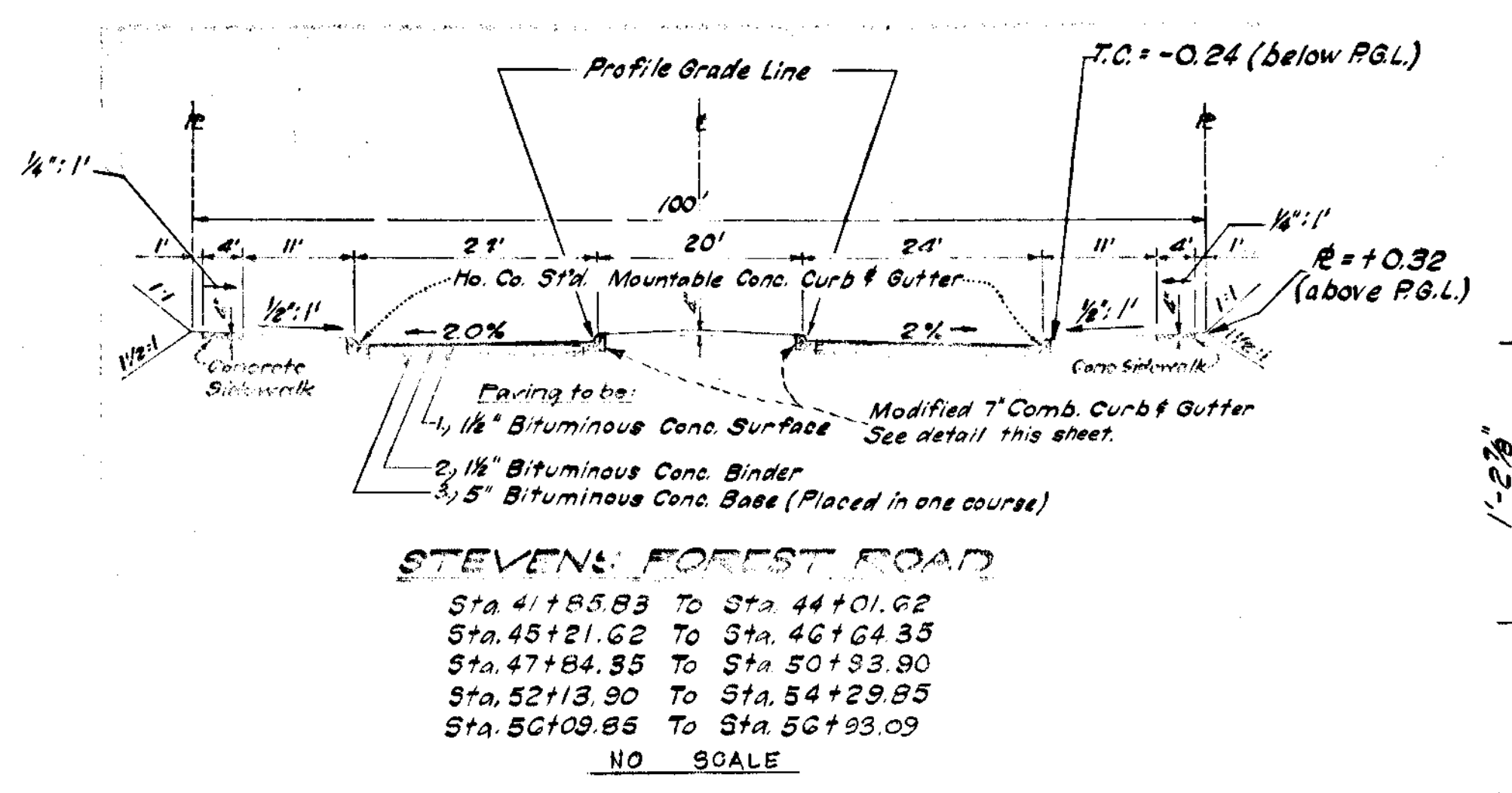
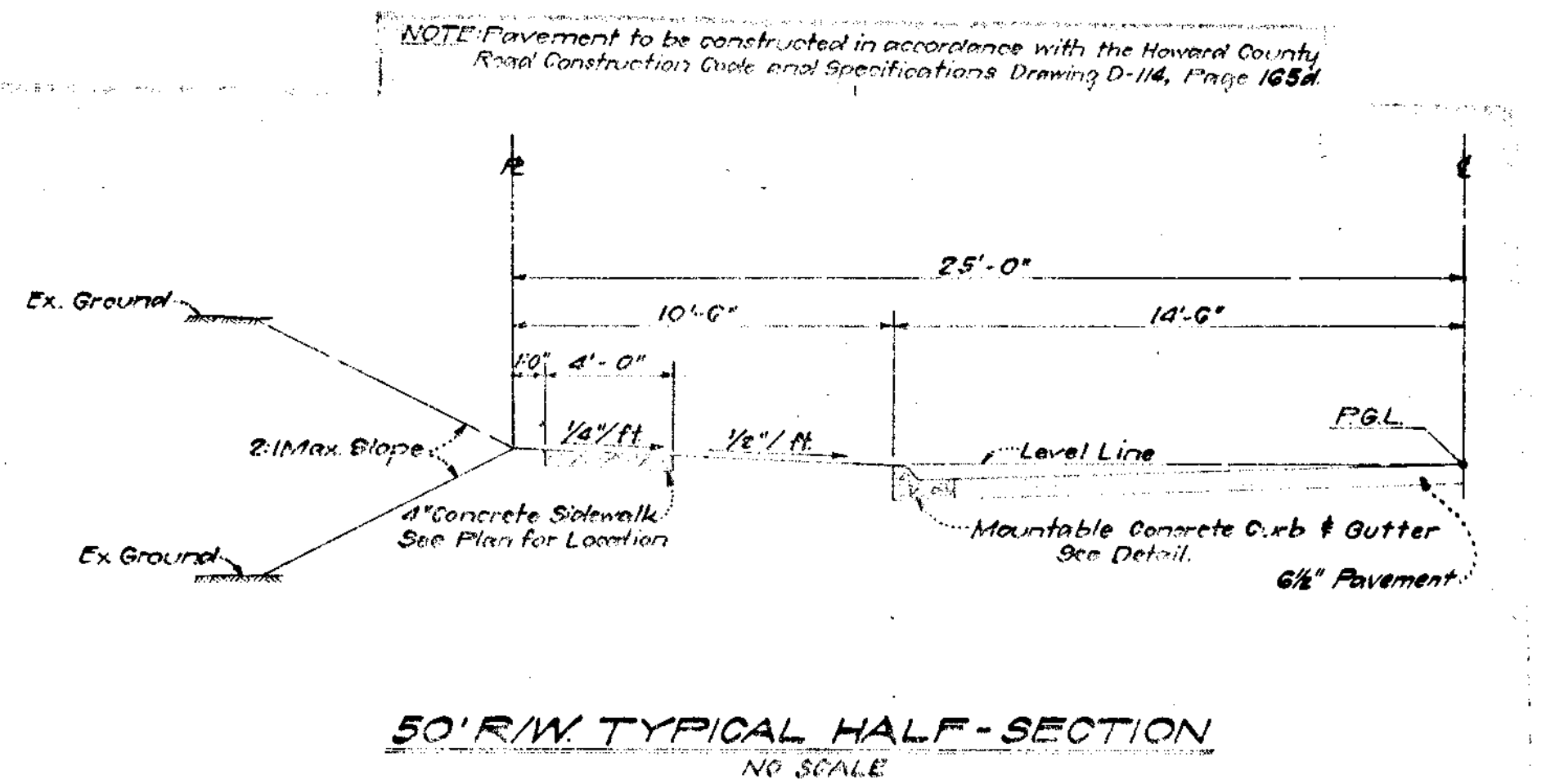
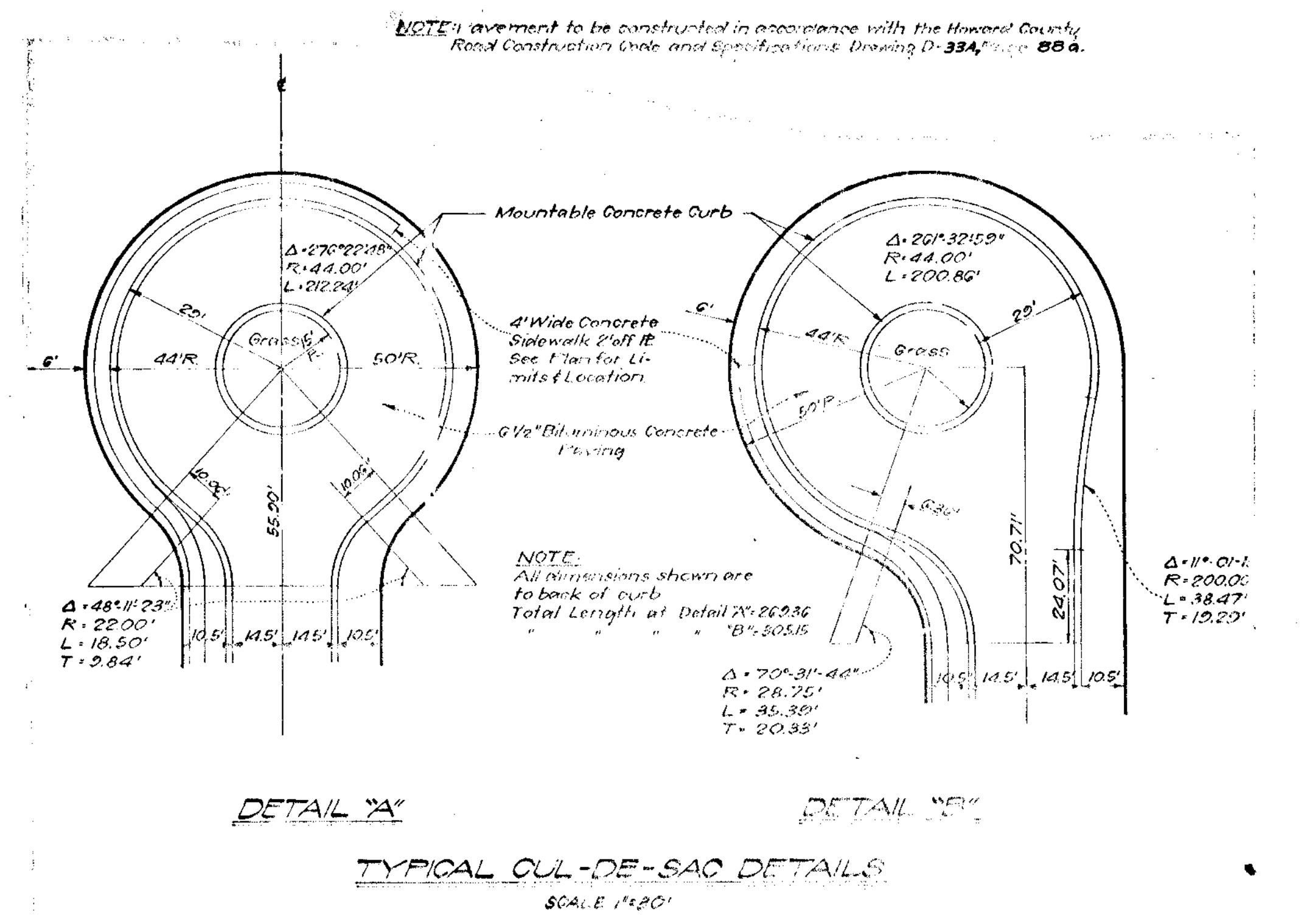
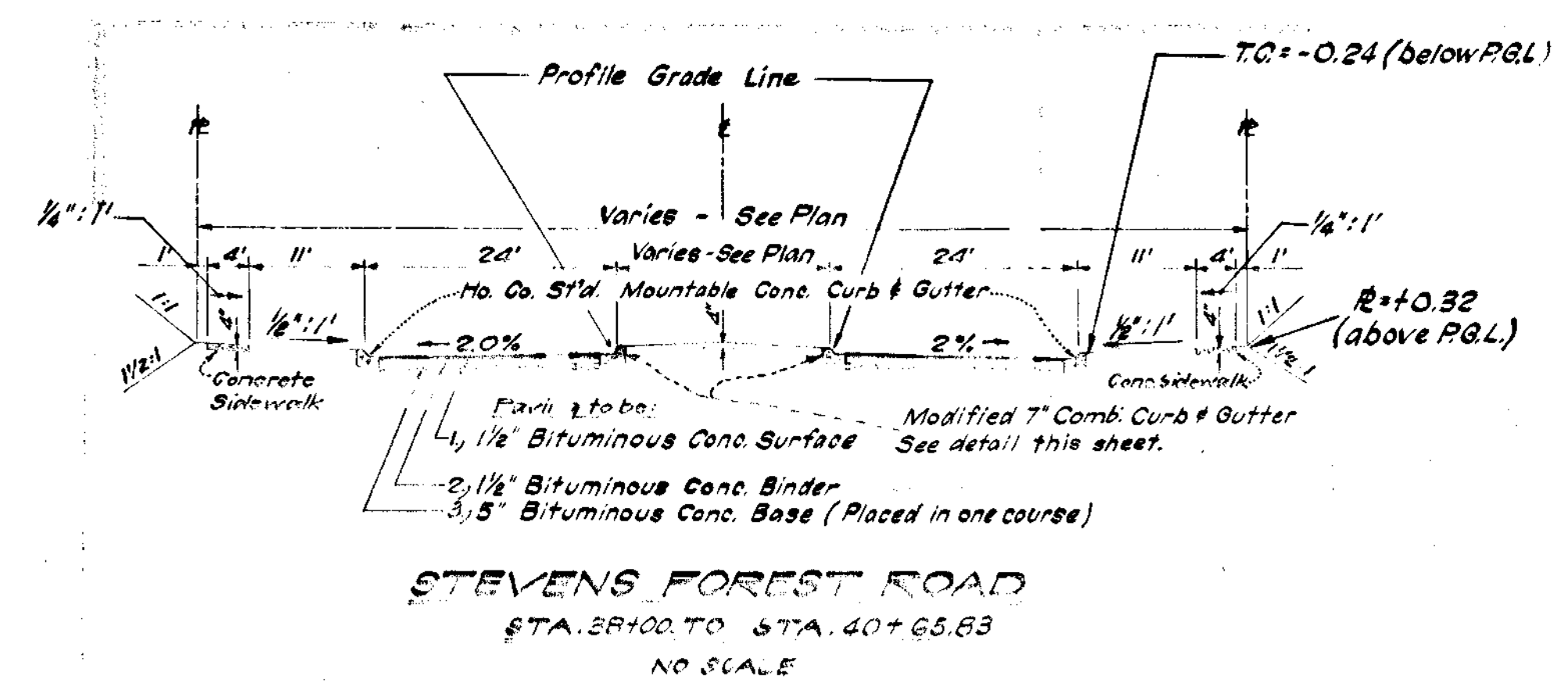
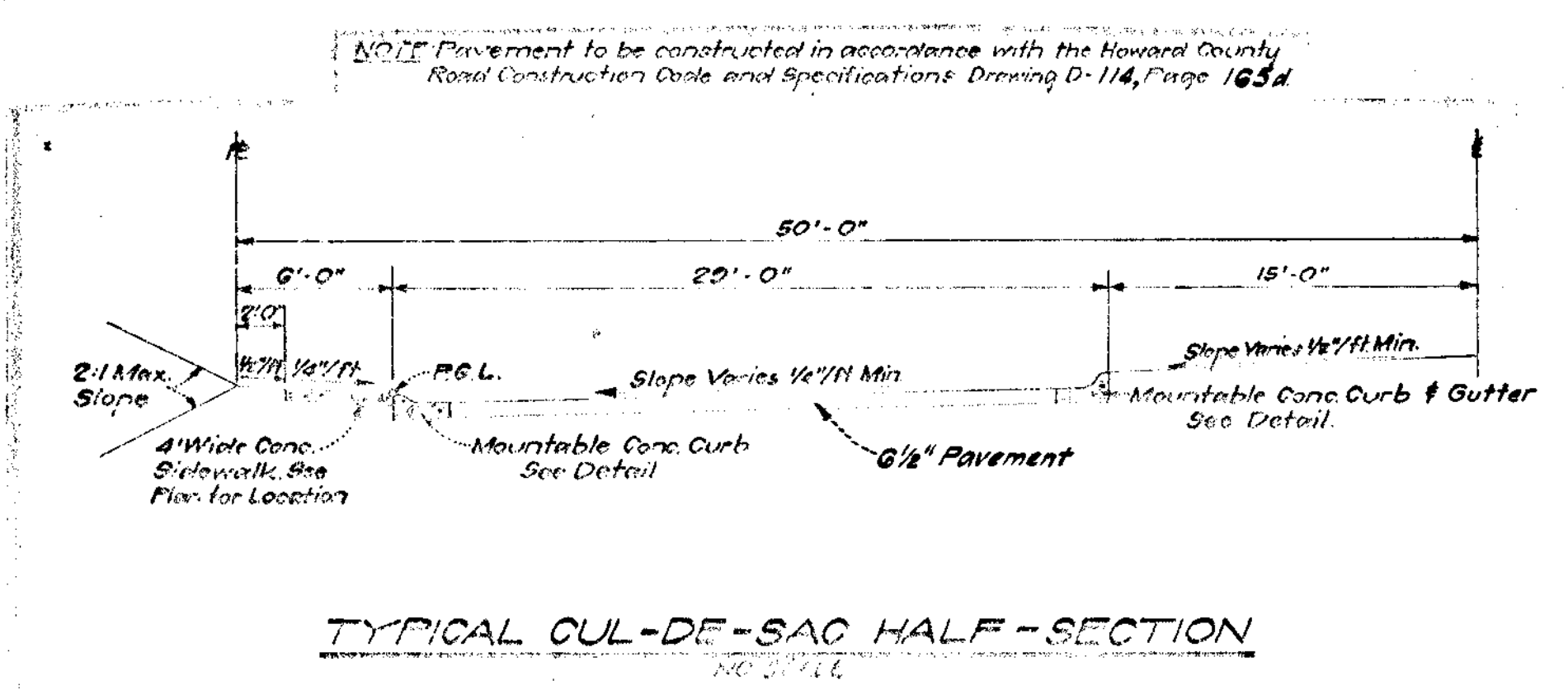
PROFILE
SCALE: HOR: 1" = 50'
VERT: 1" = 5'



APPROVED
LAND PLANNING
DATE: APR 1969

7-25-69

NOTE: Pavement to be constructed in accordance with the Howard County Road Construction Code and Specifications Drawing D-114, Page 165d.



APPROVED
DIVISION OF LAND DEVELOPMENT
OFFICE OF PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 19/00
J.W.E.Y.

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE R. VERDALE, MD.

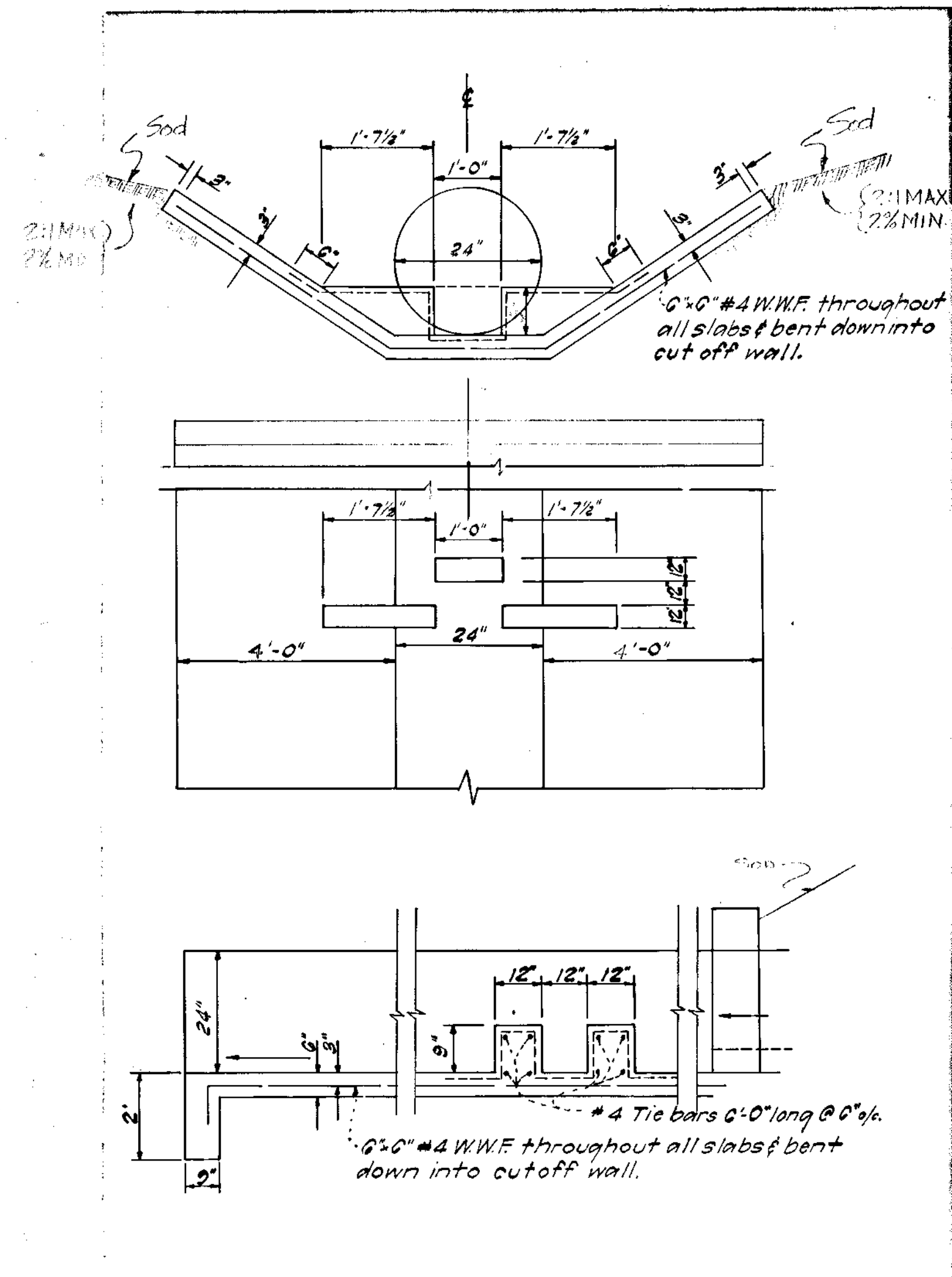
Rev. Date	Rev. No.	Revision Description

COILUWMAIBIA
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND
OWNER AND DEVELOPER
HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF CROSS KEYS - BALTIMORE, MARYLAND 21212

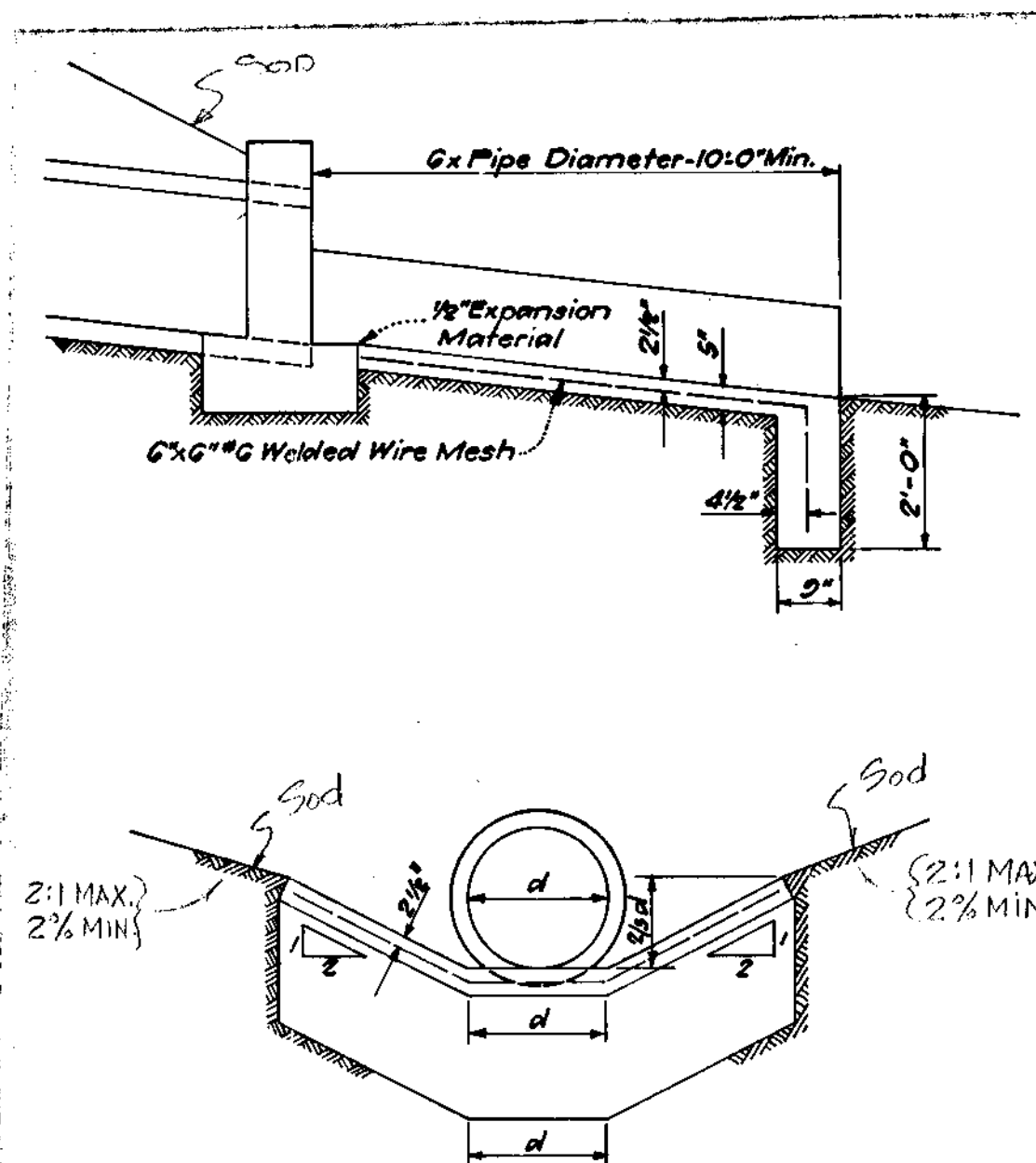
PROJECT AREA: **VILLAGE OF OAKLAND MILLS SECTION 5, STEVEN'S FOREST, AREA 2**
PROJECT TITLE: **ROADWAY DETAILS**

Des. By: **B.J.B.** Scale: **AS SHOWN** Job No: **24 OF 29**
Dwn. By: **G.W.C.** Date: **FEBRUARY 1999** C.C. No.

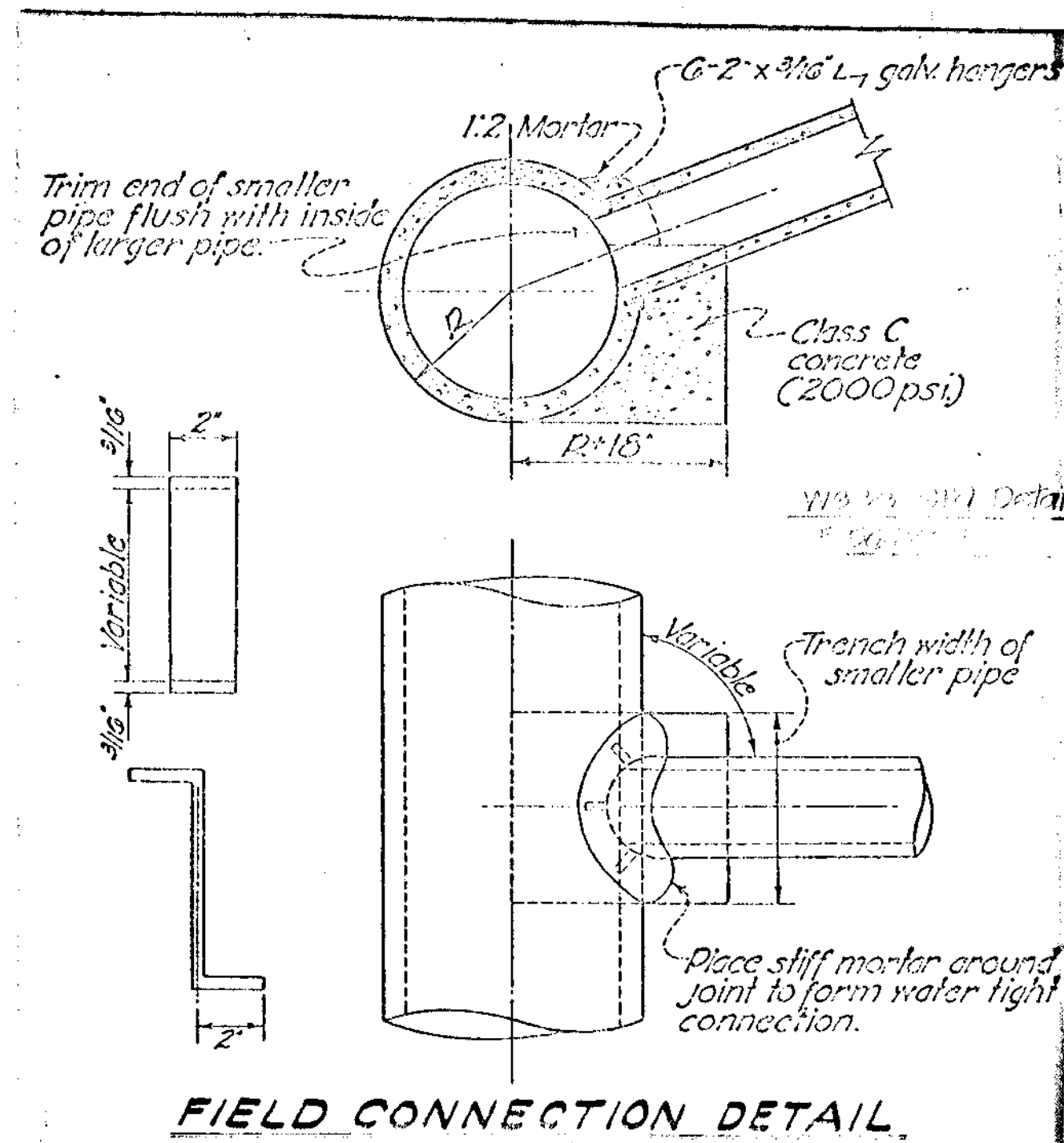
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE



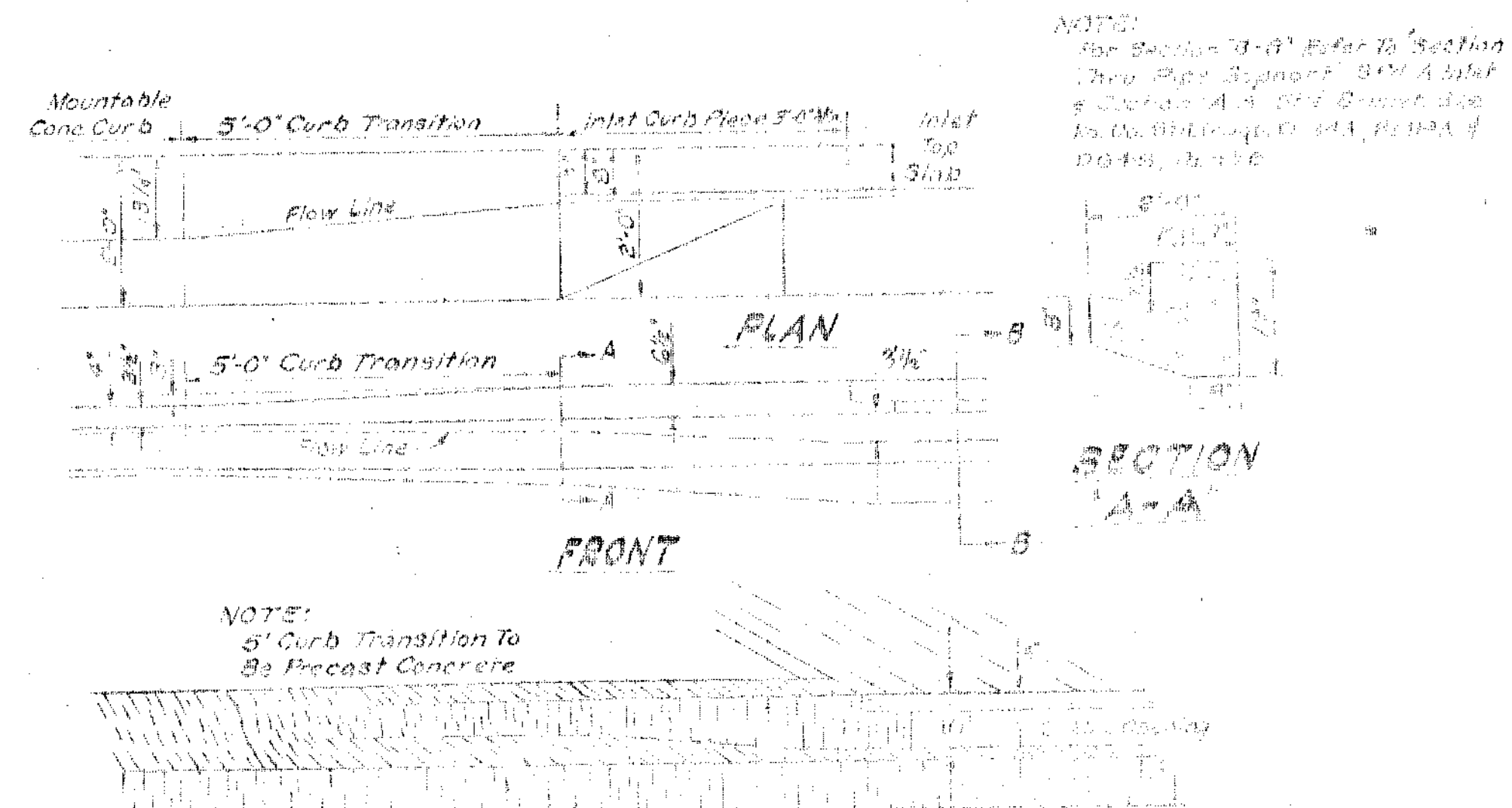
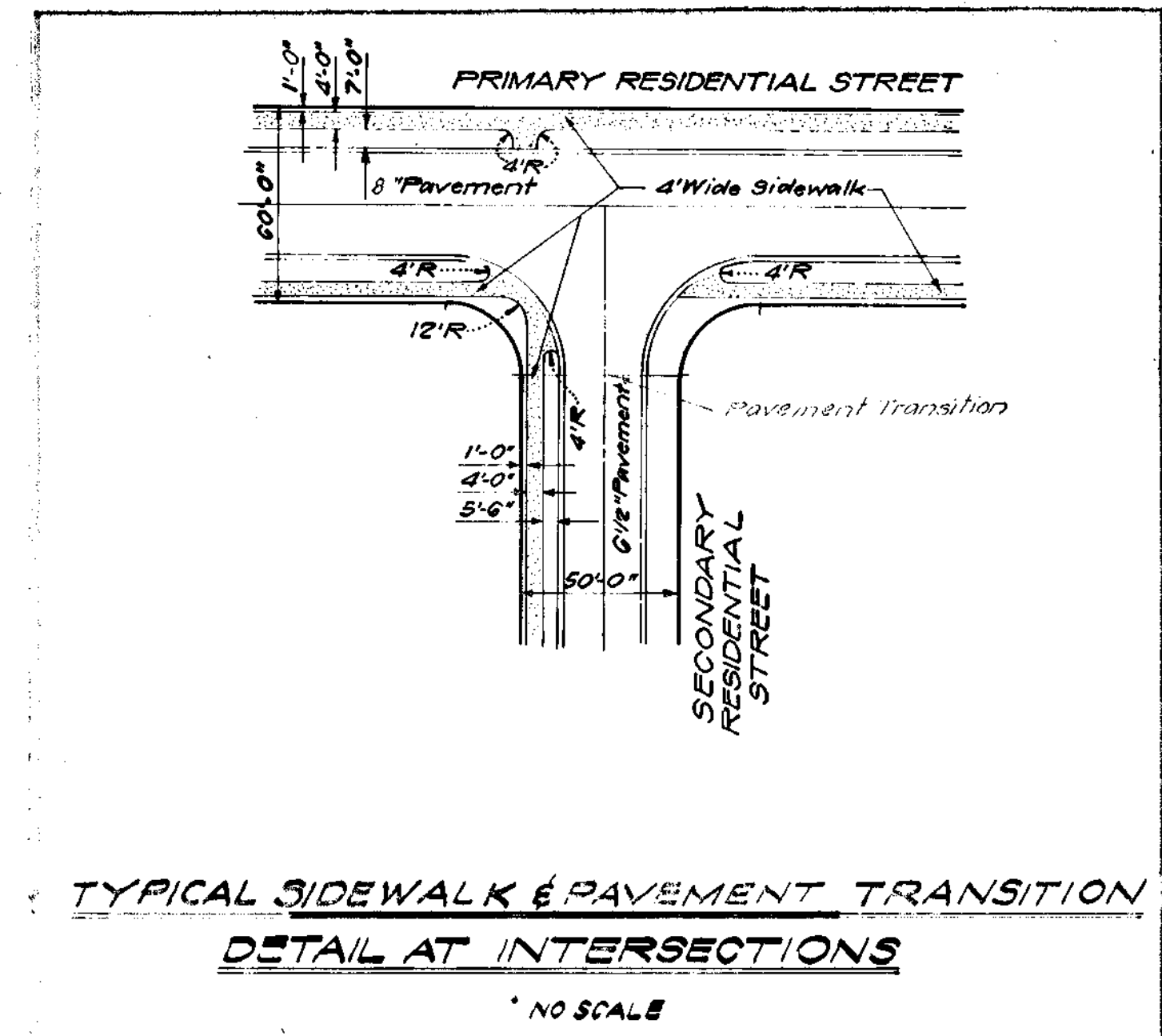
VELOCITY CHECK DETAIL
NO SCALE



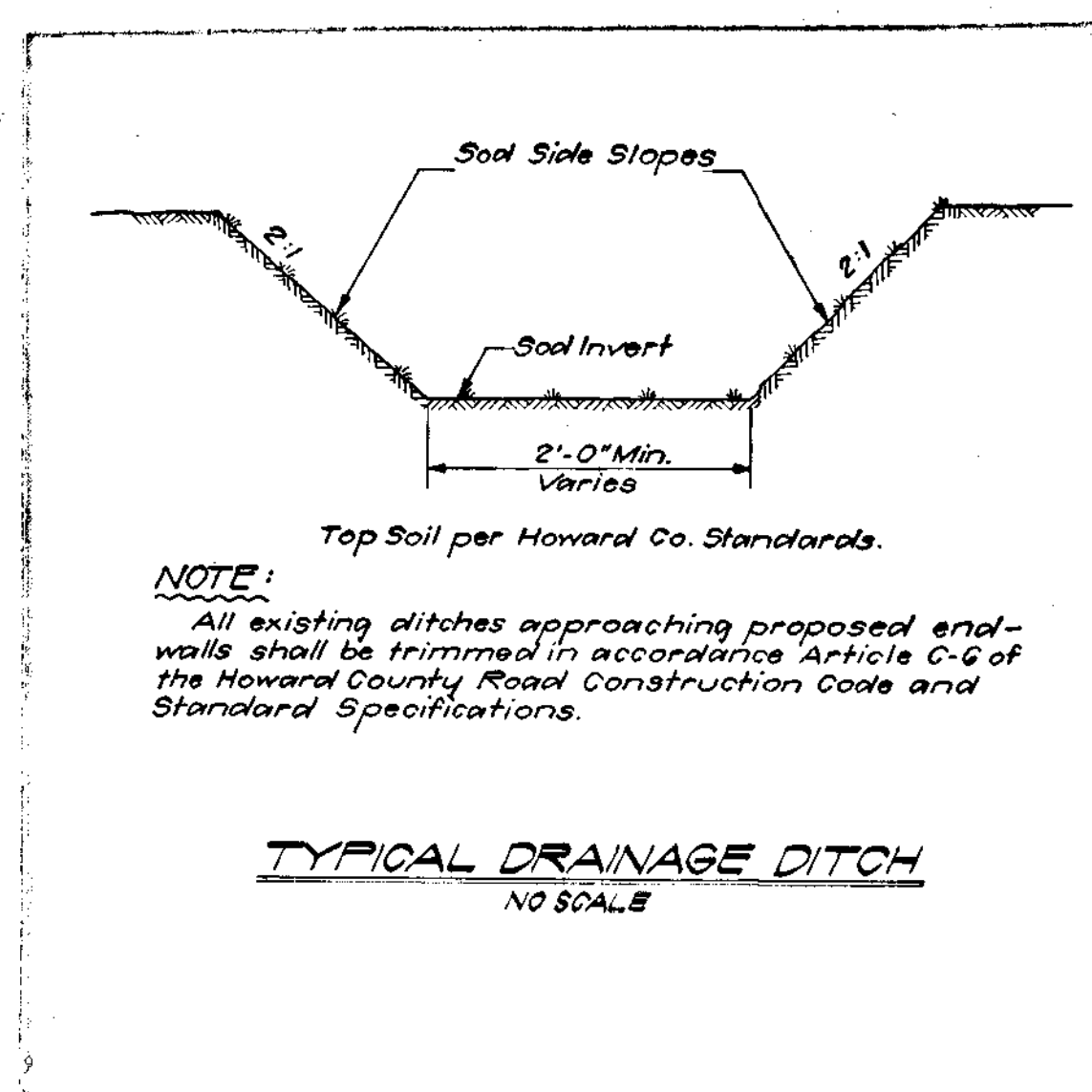
TYPICAL CONCRETE CHANNEL
& CUTOFF WALL
NO SCALE



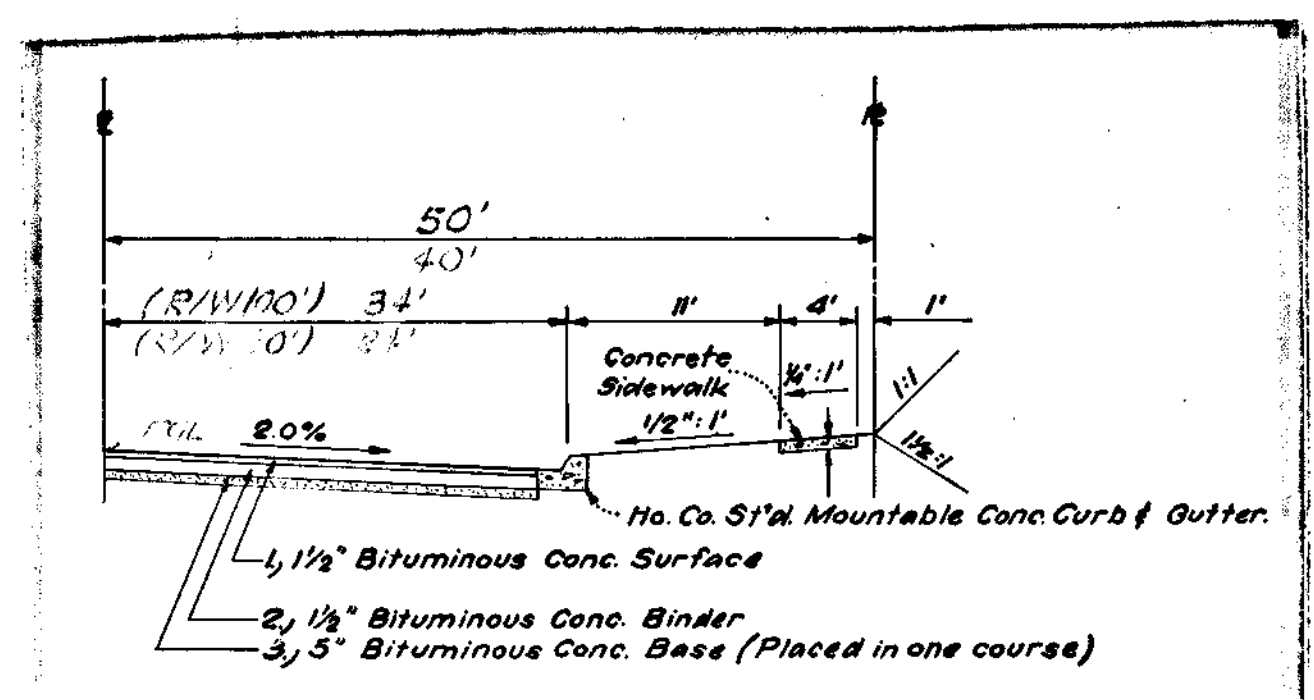
FIELD CONNECTION DETAIL



5' CURB TRANSITION
NO SCALE



TYPICAL DRAINAGE DITCH
NO SCALE



APPROVED

DIVISION OF LAND DEVELOPMENT

OFFICE OF PLANNING AND ZONING OF HOWARD COUNTY

DATE: APR 1 1971

52060

GREENHORNE AND O'MARA, INC.

ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS

6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev Date	Rev No	Revision Description

COLUMBIA

6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

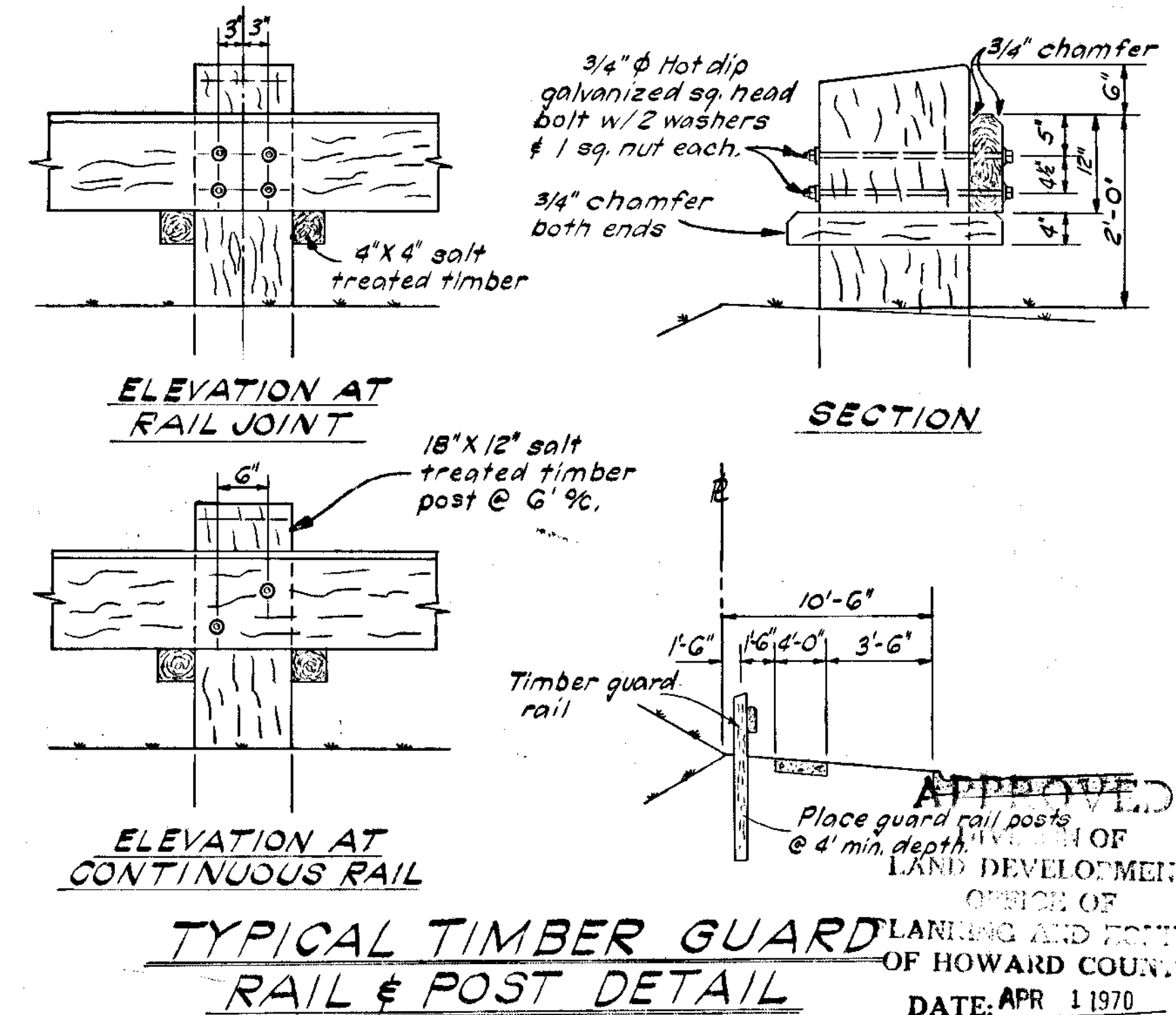
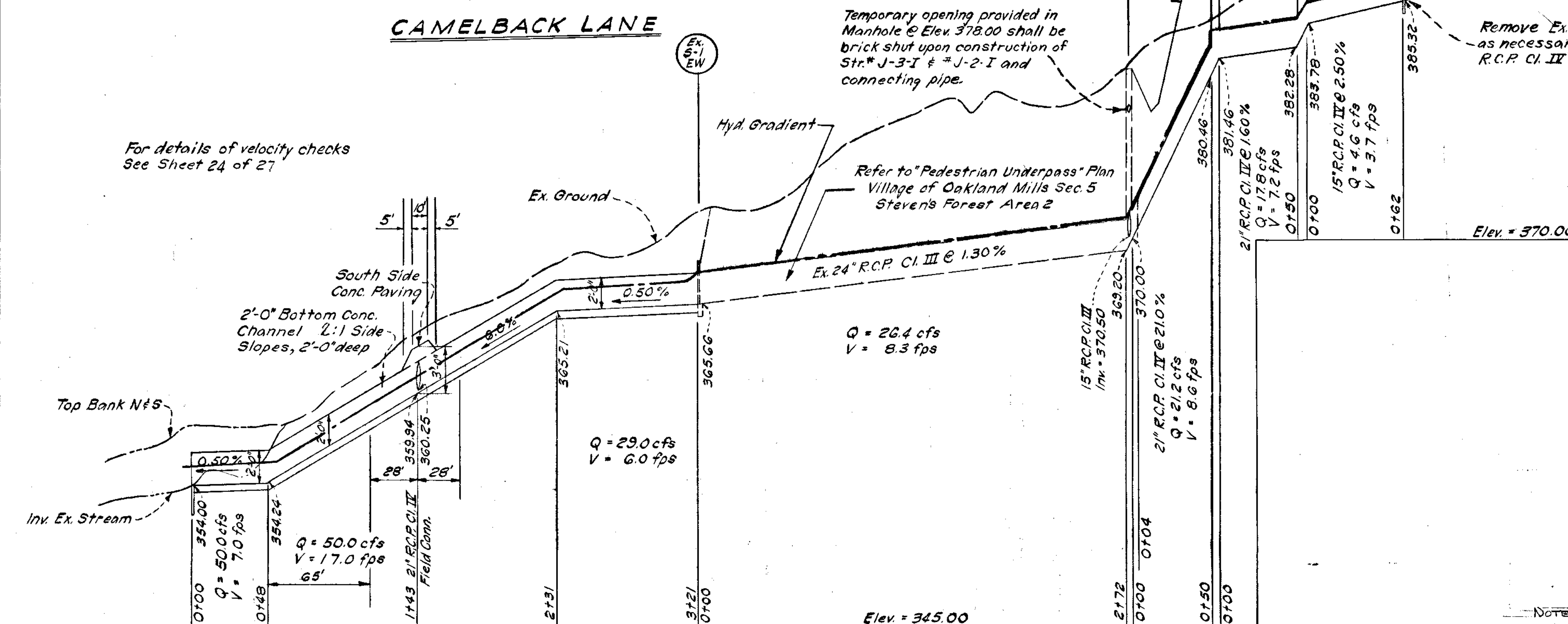
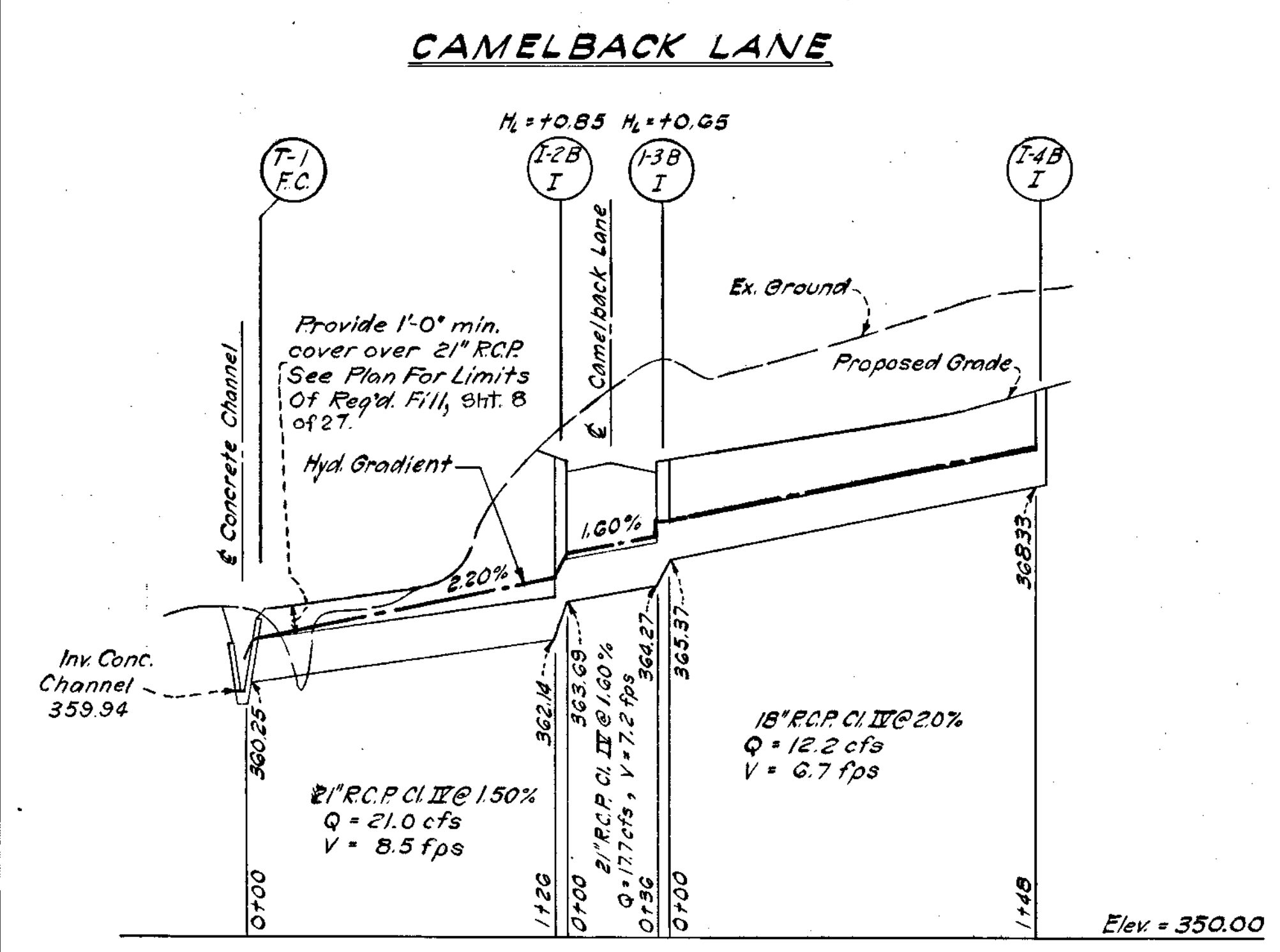
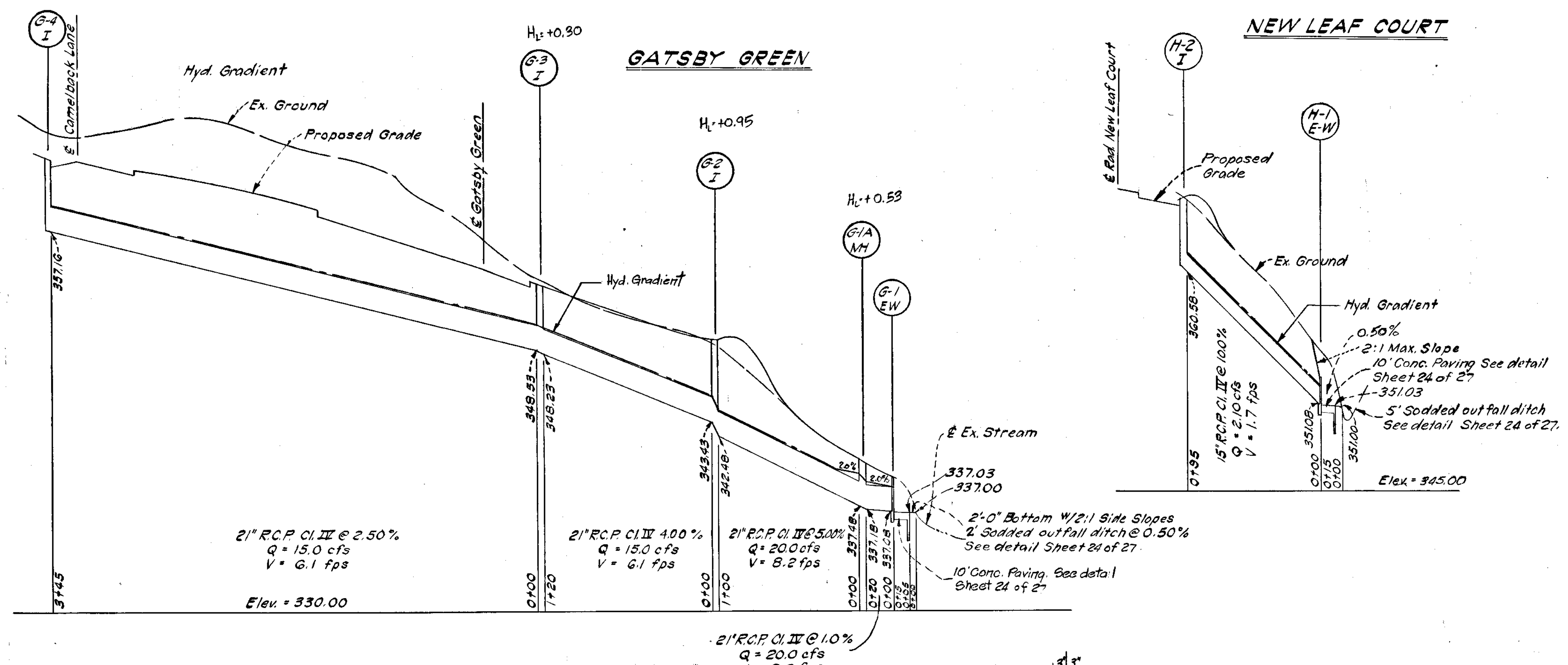
OWNER AND DEVELOPER
HOWARD RESEARCH AND DEVELOPMENT CORP.
THE VILLAGE OF CROSS KEYS - BALTIMORE, MARYLAND 21210

PROJECT AREA
VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT TITLE
ROADWAY DETAILS

Des By	R.J.B.	Scale	AS SHOWN	Dwg. No.	23 OF 29
Dwn By	R.J.B.	Date	FEBRUARY 1971	C.C.F. No.	
Chk By		Approved			

DEPARTMENT OF PUBLIC WORKS	
CHIEF, BUREAU OF HIGHWAYS	DATE
OFFICE OF PLANNING AND ZONING	
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT	DATE



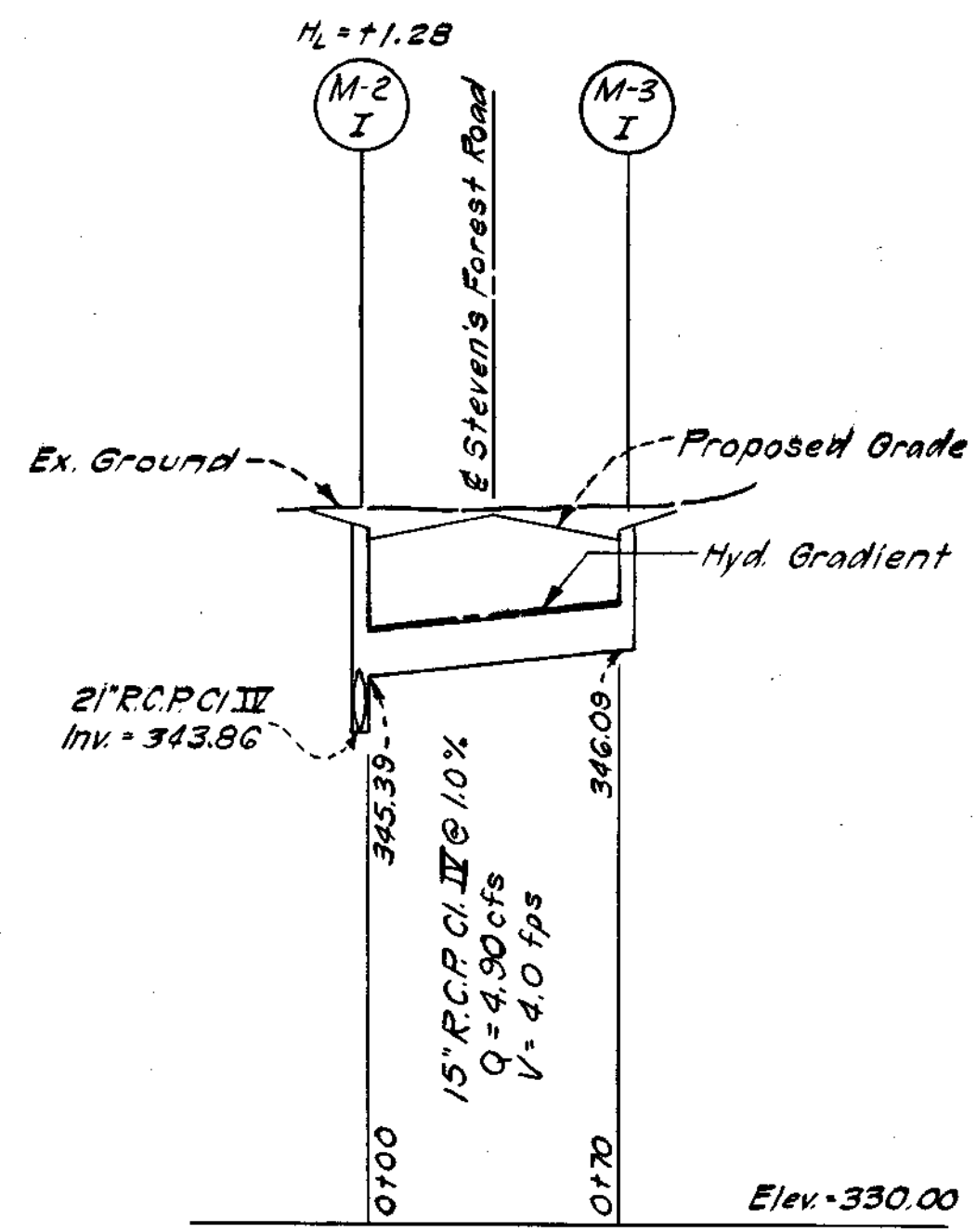
PROFILES
SCALE: HOR. 1"=50' VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS. DATE
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT. DATE

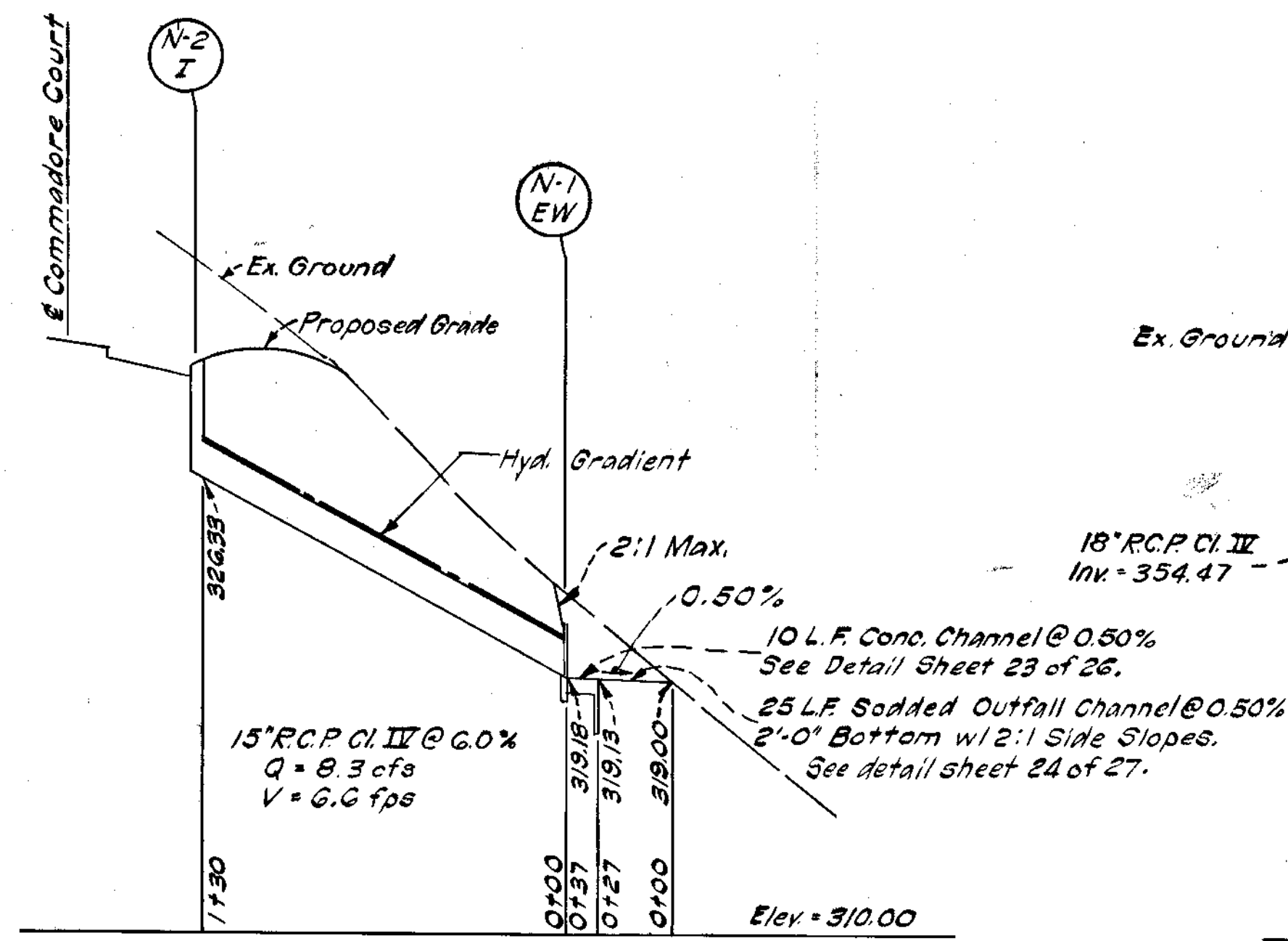
GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev. Date	Rev. No.	Revision Description
COLUMBIA		
CITY ENGINEER, DISTRICT OF HOWARD COUNTY, MARYLAND		
HOWARD ENGINEERING AND DEVELOPMENT CORP.		
PROJECT: VILLAGE OF OAKLAND MILLS, SECTION 5, STEVEN'S FOREST, AREA 2		
PROJECT TITLE: DRAINAGE PROFILES		
Des. By: B.J.B.	Scale: AS SHOWN	Sheet: 26 OF 29
Chk. By: GWC	Date: 3-24-69	City: C.C.E.

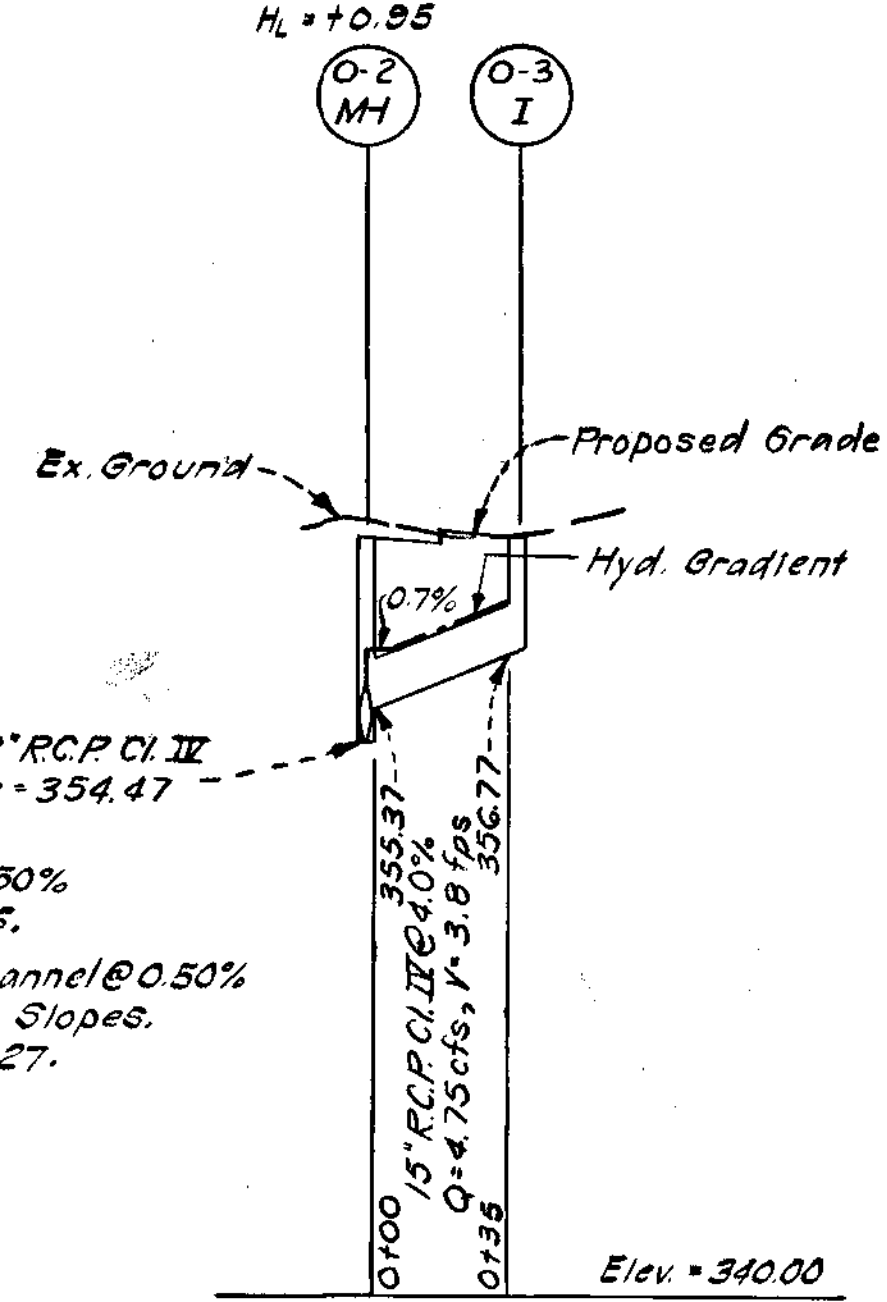
STEVEN'S FOREST ROAD



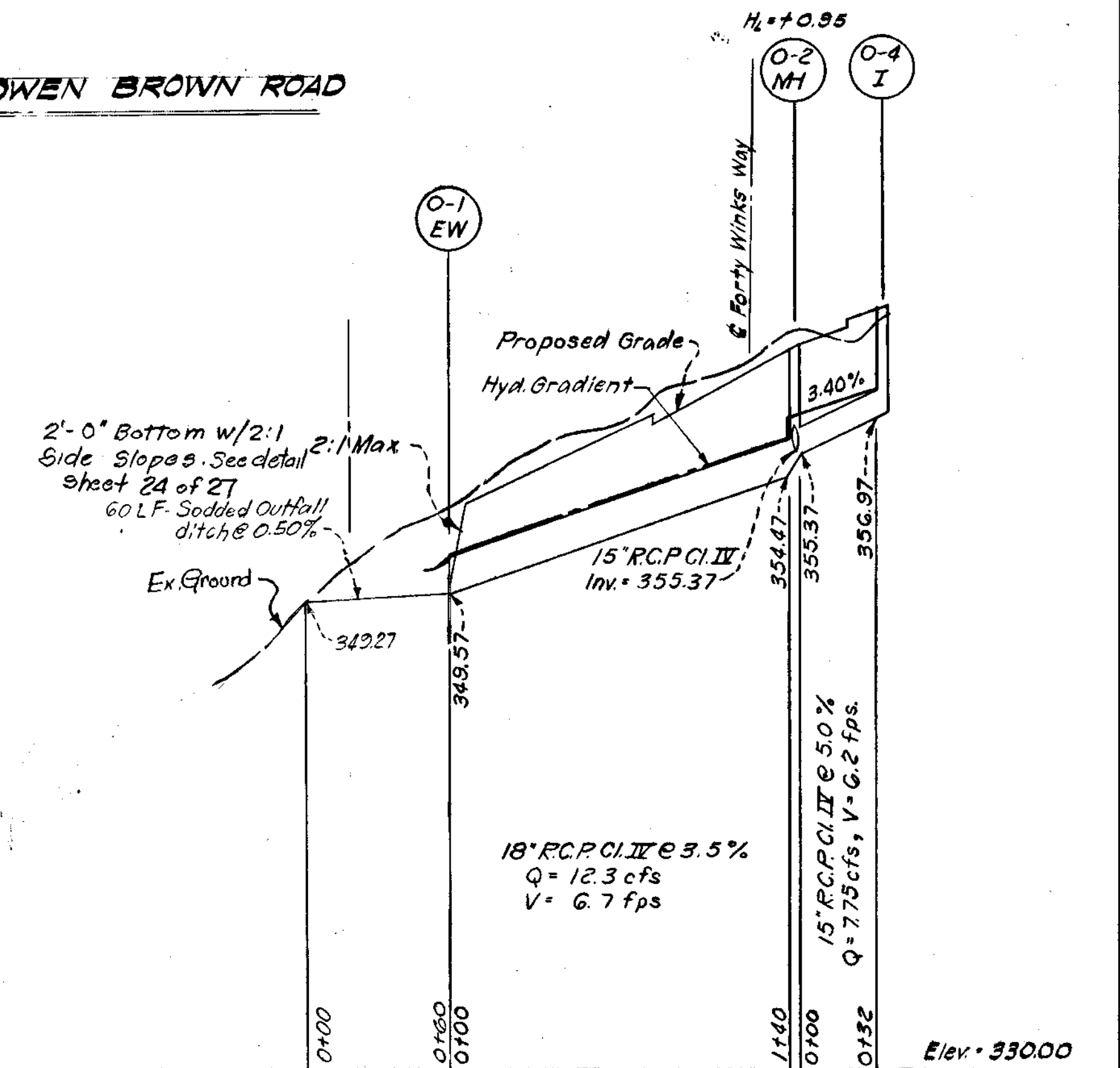
COMMADORE COURT



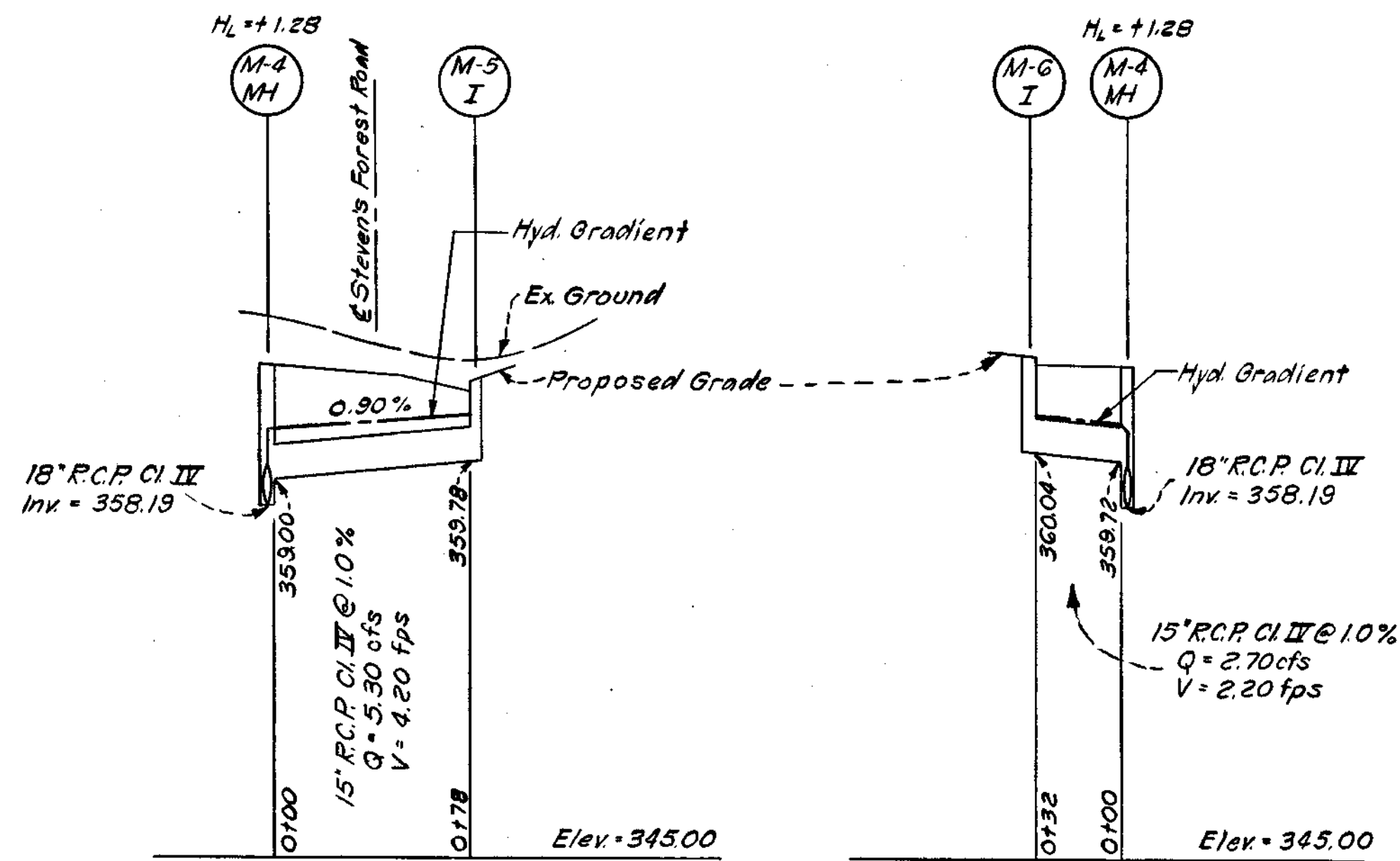
FORTY WINKS WAY



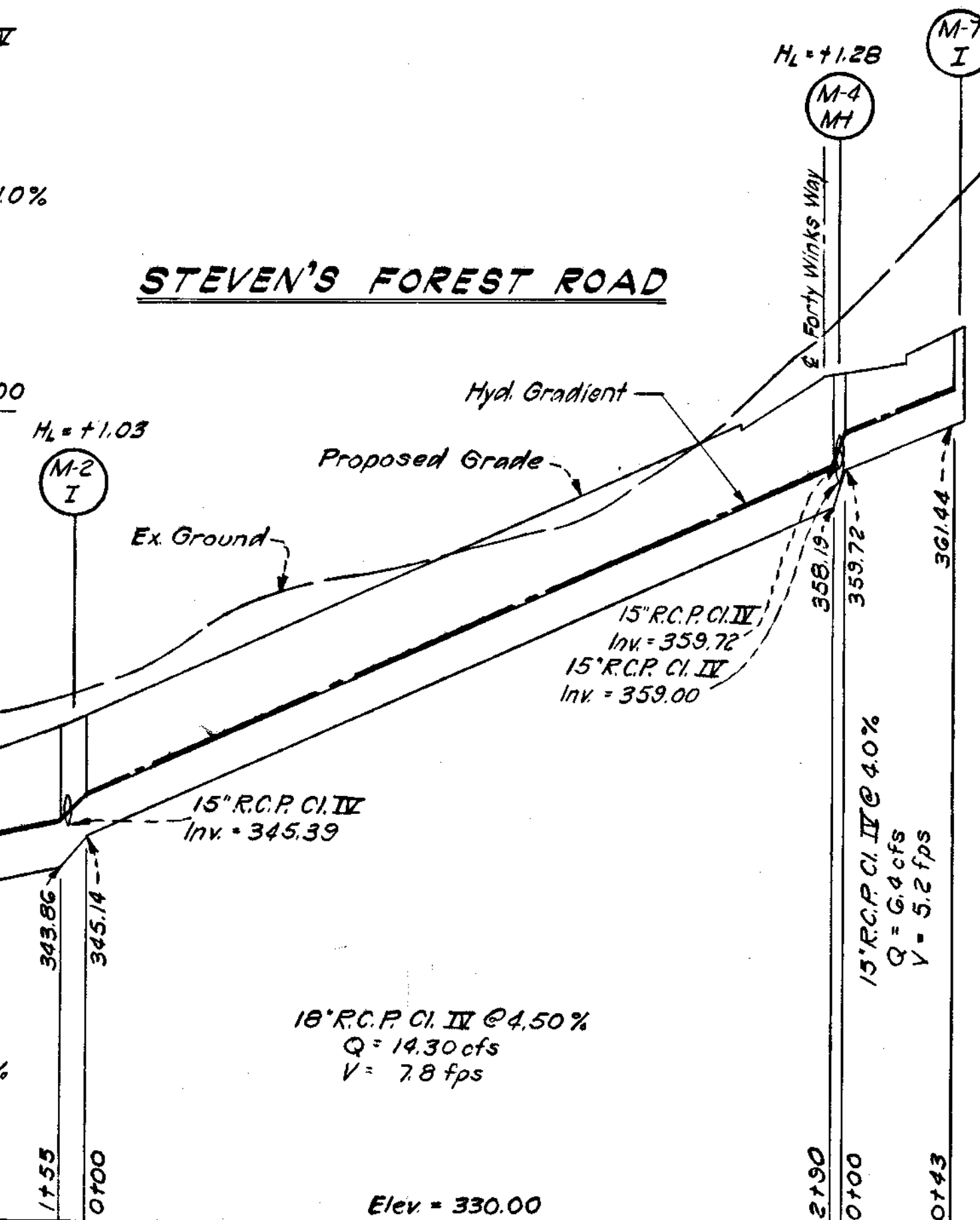
OWEN BROWN ROAD



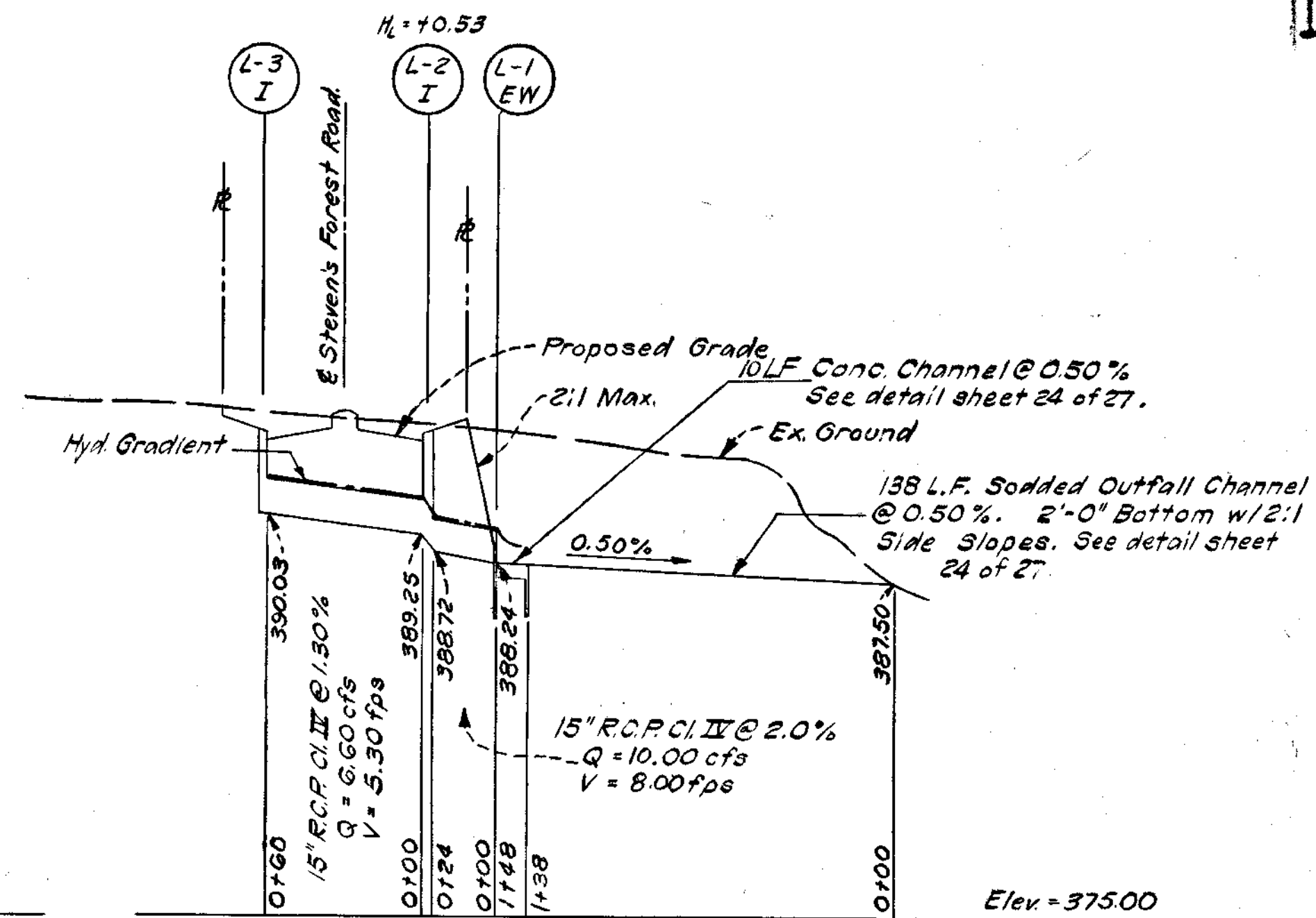
STEVEN'S FOREST ROAD



STEVEN'S FOREST ROAD



STEVEN'S FOREST ROAD



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

NOTE:
FOR VELOCITIES & DEPTHS OF FLOODS
CHANNELS, SEE COMPUTATION SHEETS.

APPROVED
DIVISION OF
LAND DEVELOPMENT
OFFICE OF
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 1 1970

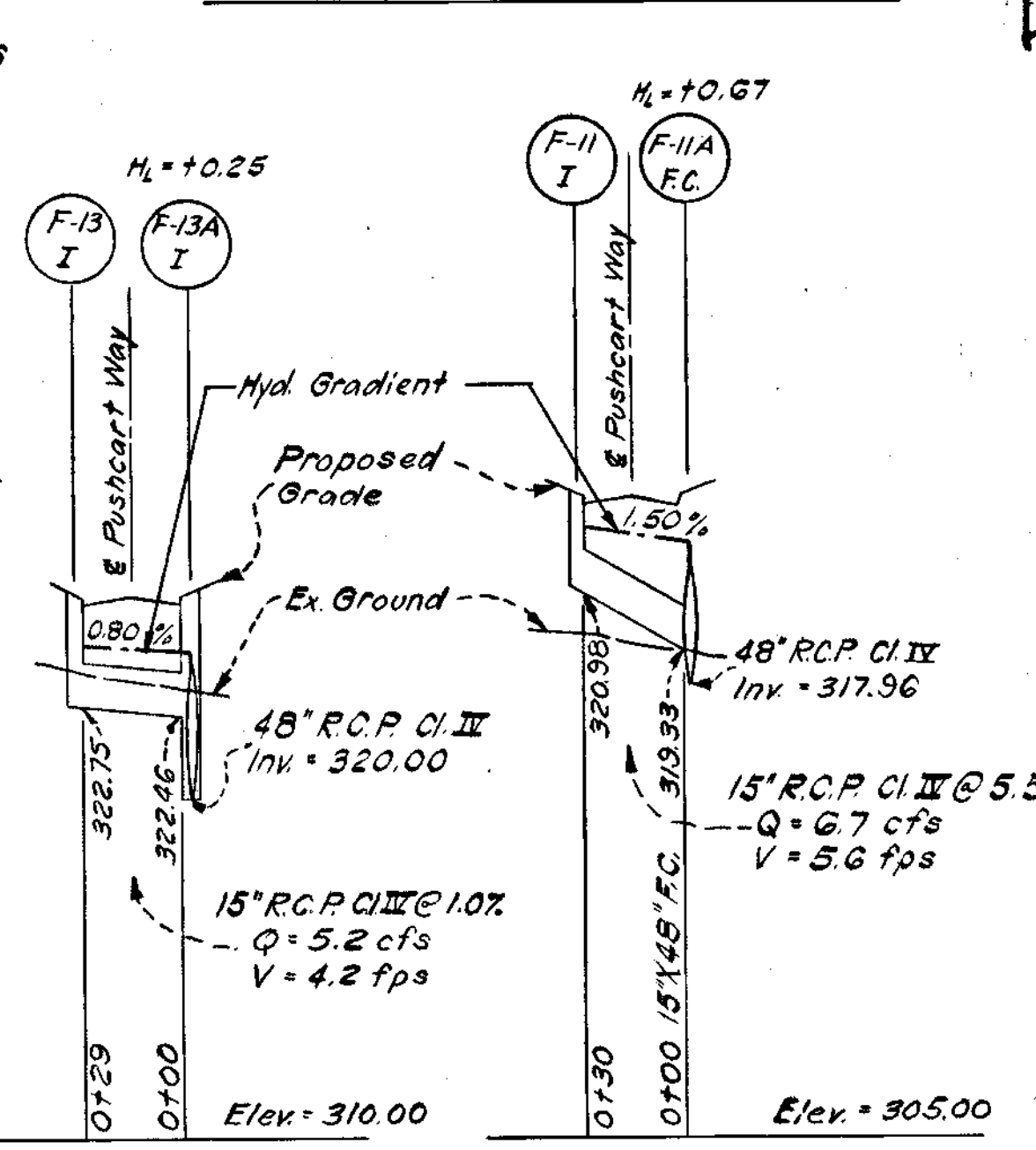
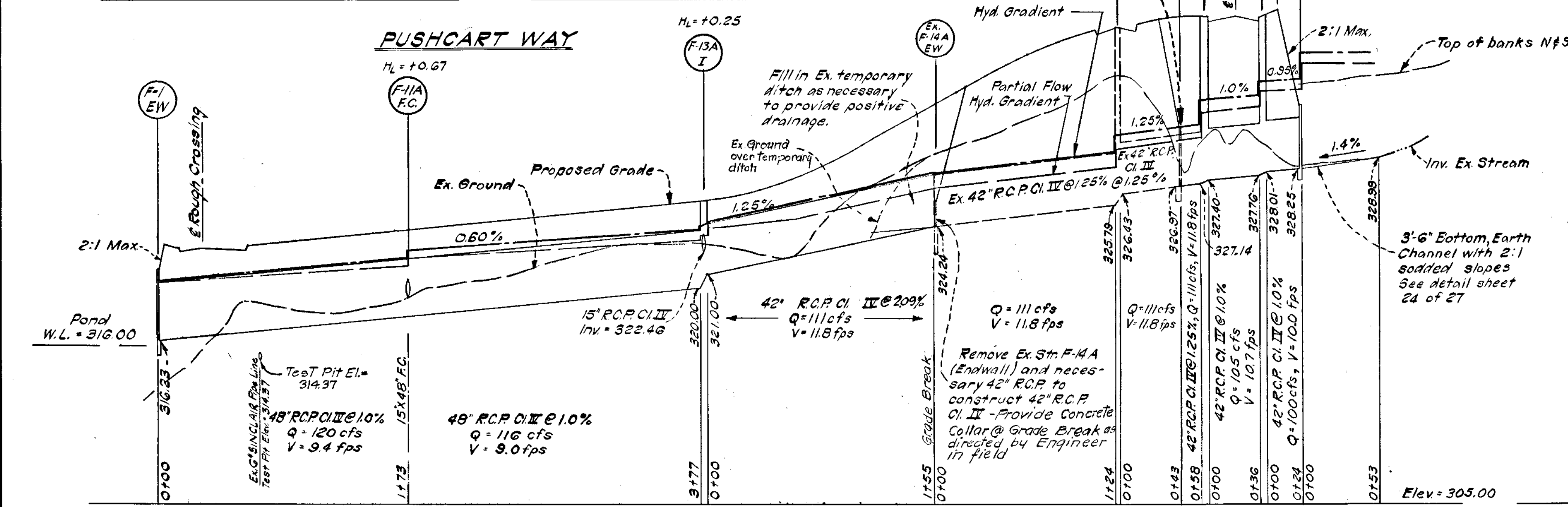
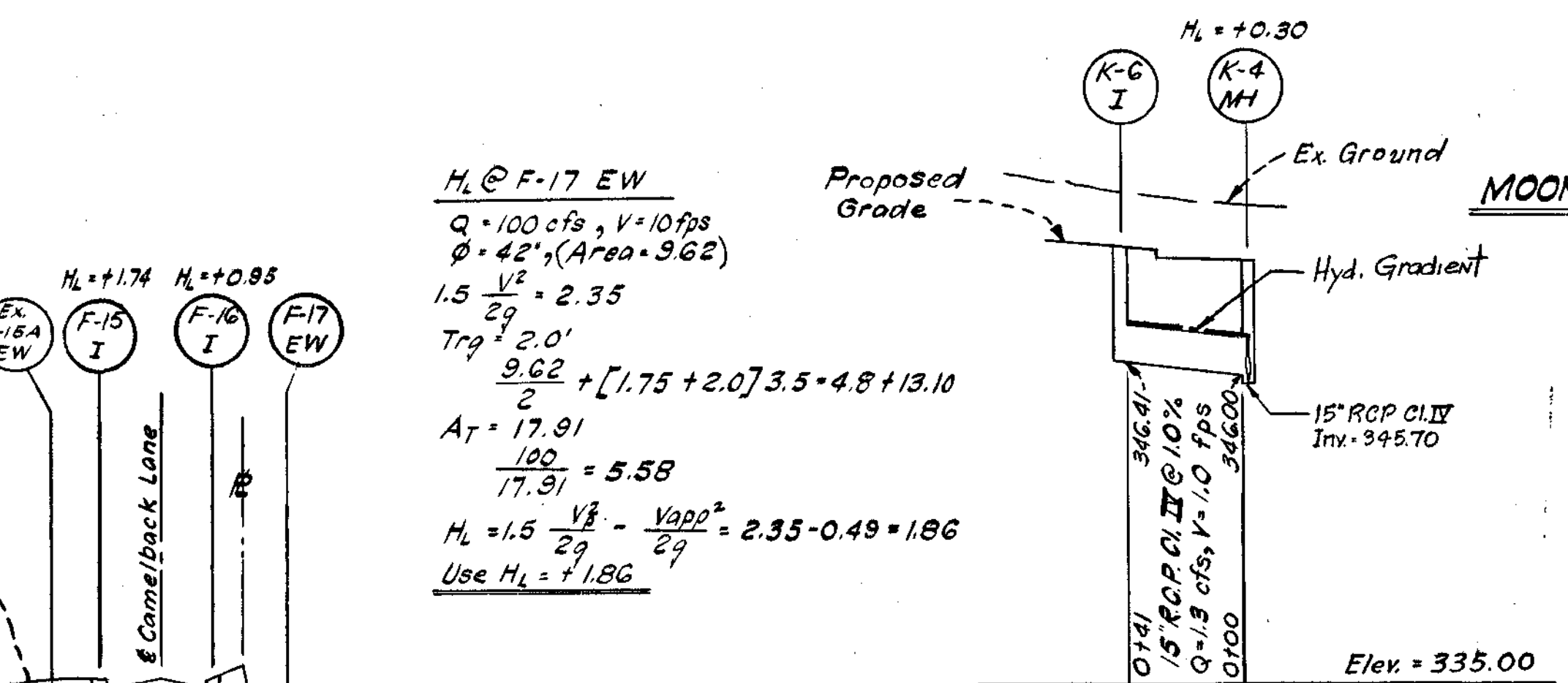
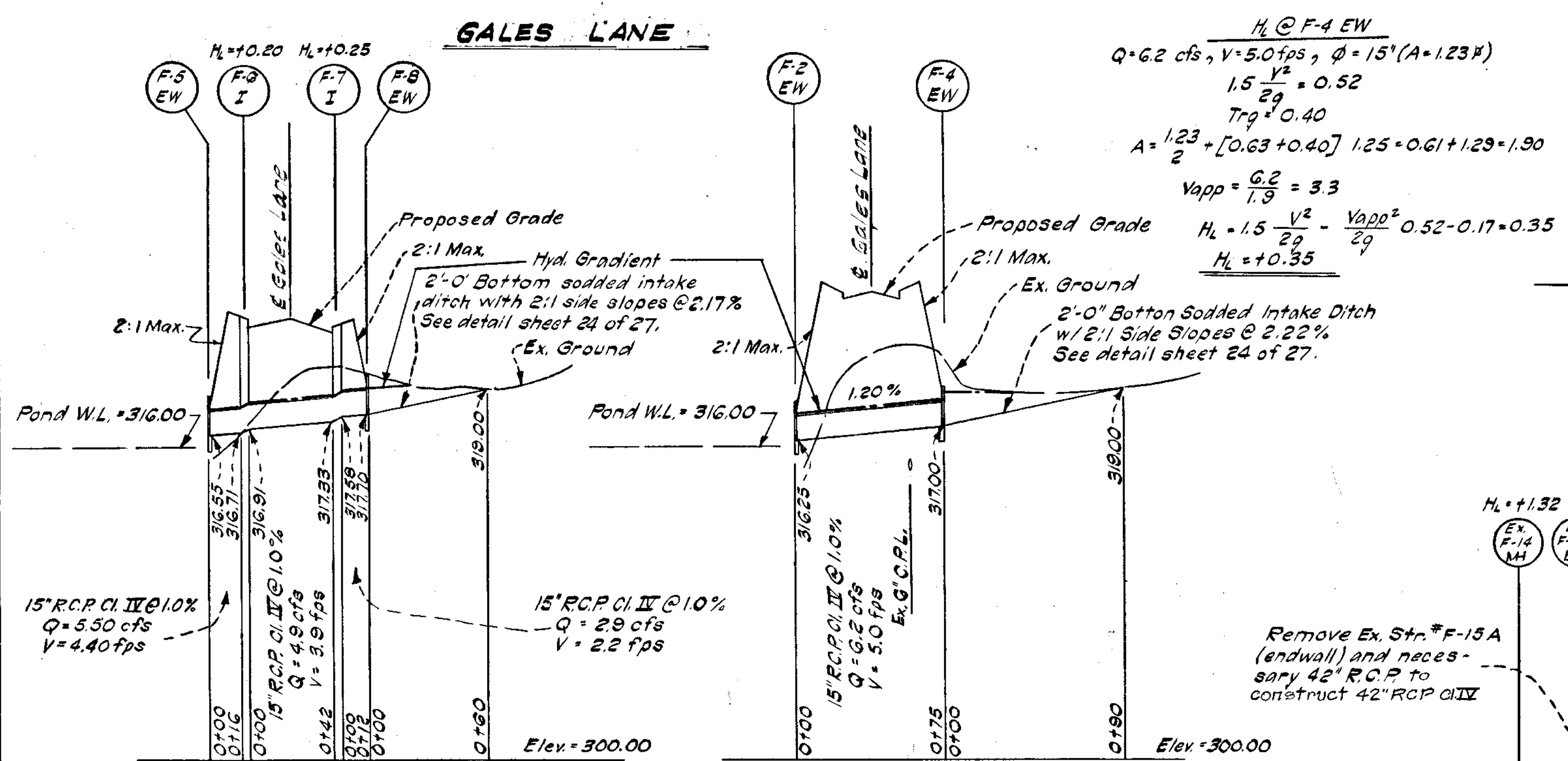
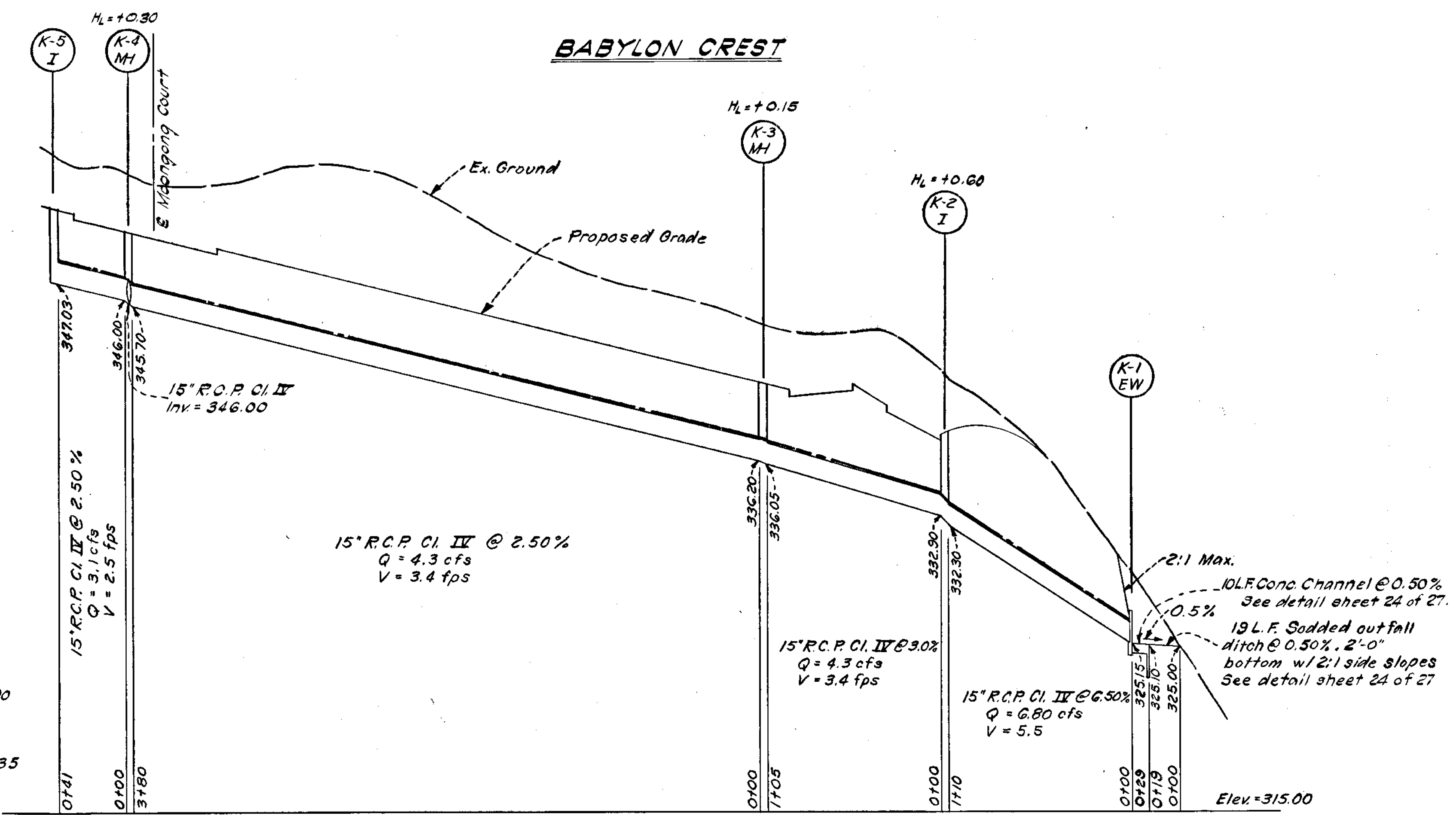
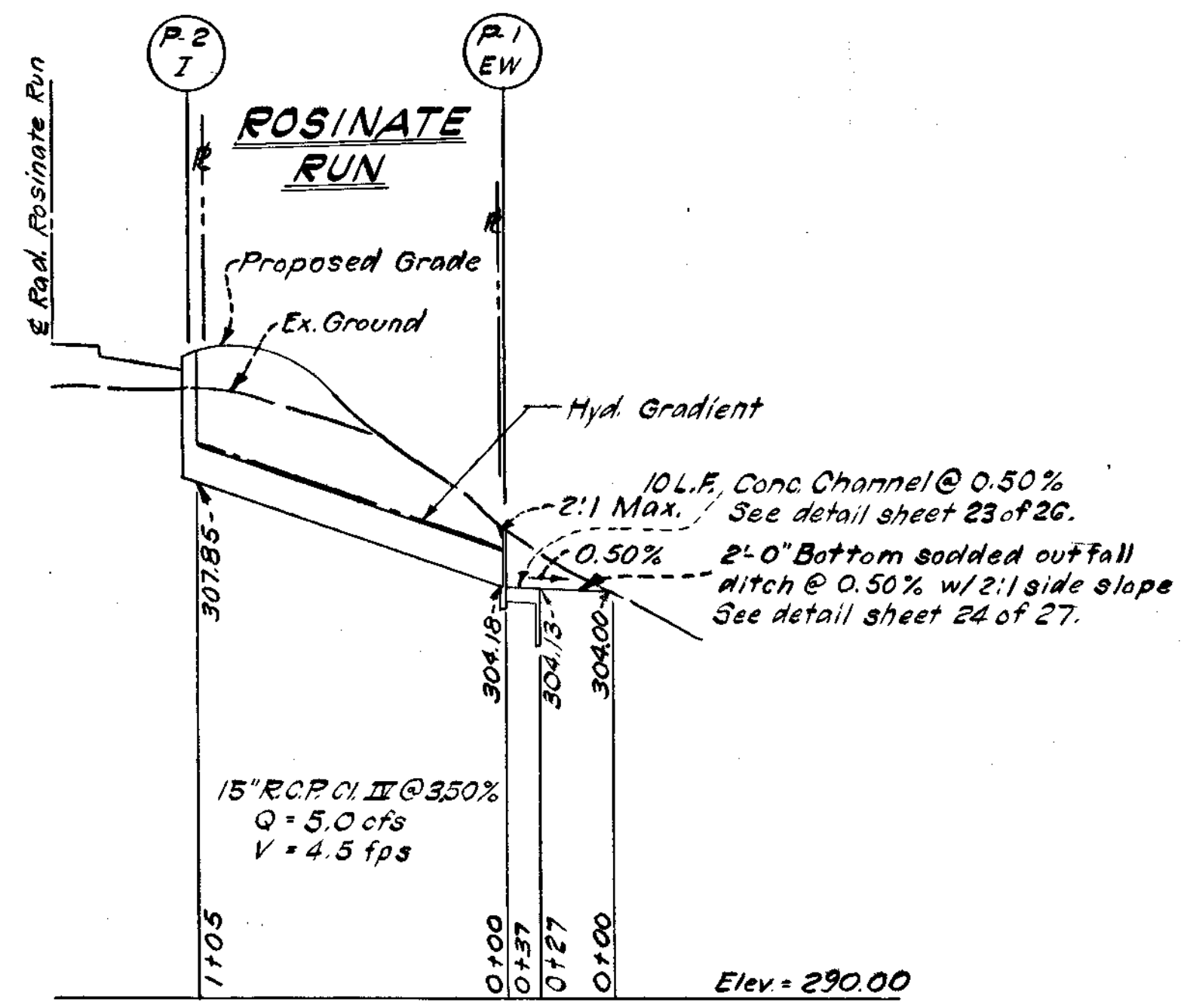
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
OFFICE OF PLANNING AND ZONING
ENGINEER, DIVISION OF LAND DEVELOPMENT



GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

Rev Date Rev No Revision Description
COLUMBIA
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND
HOWARD RESEARCH AND DEVELOPMENT CORP
THE VILLAGE OF OAKLAND MILLS
SECTION 5, STEVEN'S FOREST, AREA 2
PROJECT TITLE
DRAINAGE PROFILES

Prep By: B.J.B. Scale: AS SHOWN Day No: 27 OF 29
Drawn By: G.W.C. Date: FEBRUARY 1969



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

NOTE:
FOR VELOCITY & DEPTH OF FLOW IN CHANNELS, SEE COMPUTATION SHEETS.

APPROVED
DIVISION OF
LAND DEVELOPMENT
OFFICE OF
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: APR 1 1970

DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
OFFICE OF PLANNING AND ZONING
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT

[Signature]
324.69

GREENHORNE AND O'MARA, INC.
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
6715 KENILWORTH AVENUE RIVERDALE, MD.

COLUMBIA
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP
THE VILLAGE OF OAKLAND MILLS - RIVERDALE, MARYLAND

PROJECT TITLE: VILLAGE OF OAKLAND MILLS SECTION 5, STEVEN'S FOREST, AREA 2

PROJECT TITLE: DRAINAGE PROFILES

Des. By: B.J.B. Scale: AS SHOWN Date: FEB 28 OF 29
Dwn. By: G.W.C. Date: FEBRUARY 1969

