







VICINITY MAP  
SCALE 1" = 2000'

GENERAL NOTES

1. ZONING - NEW TOWN.
2. TOTAL AREA = 35.3 AC  
 AREA OF OPEN SPACE = 27 AC  
 AREA OF LOTS = 21.0 AC  
 AREA OF ROADS = 6.8 AC  
 AREA OF 5' WIDE PATHWAYS = 4.8 AC  
 MIN. LOT SIZE = 8,000 SQ. FT.  
 DENSITY = 2.6 UTMK
3. TOTAL NUMBER OF LOTS = 79 LOTS
4. TOPOGRAPHY TAKEN FROM PLANS COMPILED BY MAPS INCORPORATED.
5. PUBLIC WATER & SEWAGE SYSTEMS TO BE MADE AVAILABLE UTILIZED.
6. STANDARD SYMBOLS
  - PROPOSED HEADWALLS
  - PROPOSED INLETS
  - PROPOSED MANHOLES
  - PROPOSED PIPES
  - PROPOSED CONC. SIDEWALK & MACADAM PATHWAY

- OPEN SPACE
- ▨ SINGLE FAMILY ATTACHED
- RESIDENTIAL

APPROVED  
PLANNING COMMISSION  
DATE 10/10/68

*Charles J. O'Mara*  
Professional Engineer  
10-31-68

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

PROJECT NO. 8-1000-1000  
SECTION 5, STEVEN'S FOREST, AREA

**COLUMBIA**  
PLANNING DISTRICT  
HOWARD COUNTY, MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.

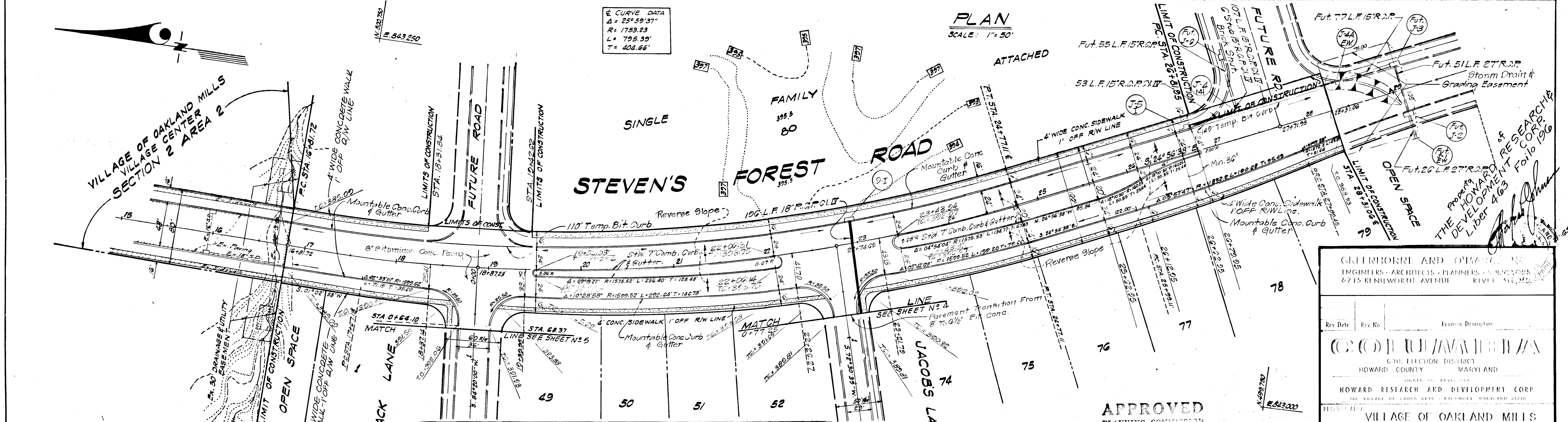
VILLAGE OF OAKLAND MILL  
SECTION 5, STEVEN'S FOREST, AREA

PLANNING AREA MAP  
SHEET NO. 10-31-68  
DATE OCT. 1968  
Scale 1" = 100'



PLAN	DATE
NO.	
BY	
CHECKED	
APPROVED	
DATE	

PROFILE	DATE
NO.	
BY	
CHECKED	
APPROVED	
DATE	



**LEGEND**

Ex. Ground G & E	---
Ex. Ground 20' RT. R/W	- - - -
Ex. Ground 20' LT. R/W	- - - -
FINISHED GRADE G & E	—

**STORM DRAINAGE STRUCTURE SCHEDULE**

NO.	TYPE	LOCATION	IN. IN	IN. OUT	DEPTH	REMARKS
9-1	A-10 INLET	Sta. 22+91.40 - 22+25.14	388.03	392.17	4.14	1/2" G. 24" DIA. W/ 1/2" DIA. 6" DIA. *
9-2	B-10 INLET	Sta. 22+78.25 - 22+25.14	388.20	392.17	4.00	1/2" G. 24" DIA. W/ 1/2" DIA. 6" DIA. *
9-3	6" Manhole	Sta. 22+32.00 - 22+00.11	388.10	388.00	3.91	1/2" G. 24" DIA. W/ 1/2" DIA. 6" DIA. *
9-4	8" End Support Wall	Sta. 22+43.00 - 22+00.11	388.25	388.00	3.91	1/2" G. 24" DIA. W/ 1/2" DIA. 6" DIA. *

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE: 2/16/69  
*J. H. C.*

GREENHORNE AND O'HARA, INC.  
 ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS  
 6715 KENILWORTH AVENUE, RIVINGTON, MARYLAND

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

**HOWARD COUNTY, MARYLAND**

REGISTERED PROFESSIONAL ENGINEER  
 HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE VILLAGE OF OAKLAND MILLS, STEVEN'S FOREST ROAD, SECTION 5, STEVEN'S FOREST, AREA 1

**PLAN & PROFILE**  
**STEVEN'S FOREST ROAD**

Des. By: B.T.B.    Date: AS SHOWN    No. 3512  
 Drawn By: J.H.C.    Date: NOV. 15, 1968    C.C.F. No.  
 Chk. By:    Approved:

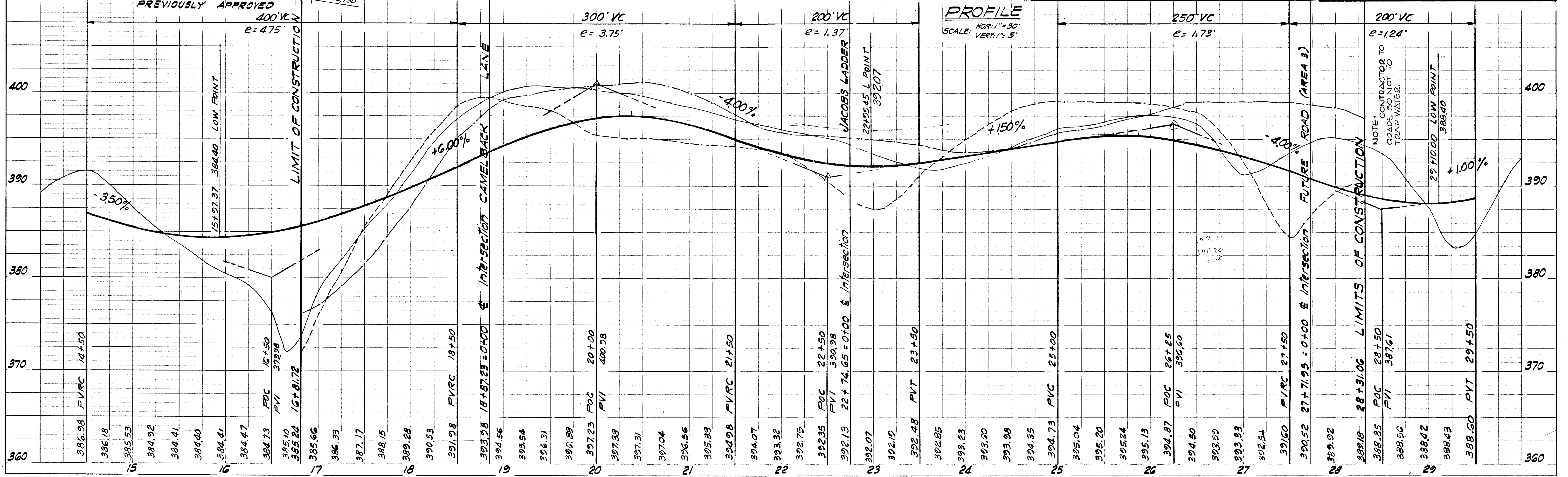


PLATE 1 PLAN - PROFILE D.P.R. STANDARD  
 EIGHT (8) SHEETS - SHEETS 1-8, 10-17

STEVEN'S FOREST ROAD  
 VILLAGE OF OAKLAND MILLS SG-1354  
 F-68-94



**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

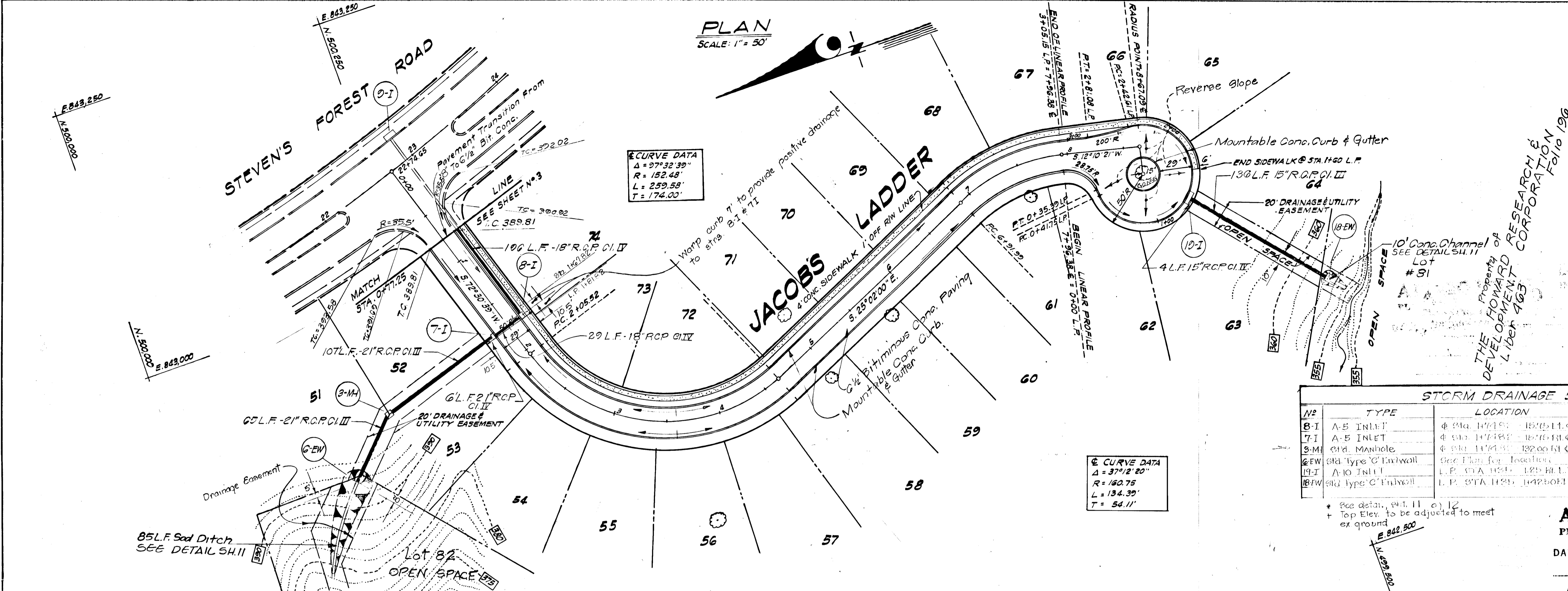
PROJECT AREA  
 VILLAGE OF OAKLAND MILLS  
 SECTION 5, STEVEN'S FOREST, AREA 1

PROJECT TITLE  
**PLAN & PROFILE**  
**JACOBS LADDER**

Des By: JAS/3 Scale: AS SHOWN Des No: 4 of 12  
 Dwn By: TK/15 Date: NOV. 6, 1968 C.C.I. No.  
 Chk By: Approved

DATE	BY	REVISION

DATE	BY	REVISION



**STORM DRAINAGE STRUCTURE SCHEDULE**

NO	TYPE	LOCATION	INV. IN	INV. OUT	I.C.F. ELEV.	REMARKS
8-I	A-5 INLET	STATION 1+74.95	387.11	387.50	387.80	15.00' DIA. CONC. MANHOLE
7-I	A-5 INLET	STATION 1+74.95	387.37	387.55	387.80	15.00' DIA. CONC. MANHOLE
3-M	6" DIA. MANHOLE	STATION 1+74.95	387.31	387.01	387.30	15.00' DIA. CONC. MANHOLE
6-EW	6" DIA. TYPE 'C' ENDWALL	SEE PLAN FOR LOCATION		387.50		15.00' DIA. CONC. ENDWALL
10-I	A-10 INLET	STATION 1+96.38	365.75	365.55	367.81	15.00' DIA. CONC. MANHOLE
18-EW	18" DIA. TYPE 'C' ENDWALL	STATION 1+96.38		365.55		15.00' DIA. CONC. ENDWALL

\* See detail, SH. 11 & 12  
 † Top Elev. to be adjusted to meet ex ground

**APPROVED**  
 PLANNING COMMISSION  
 OF HOWARD COUNTY  
 DATE: 11/6/68  
*[Signature]*

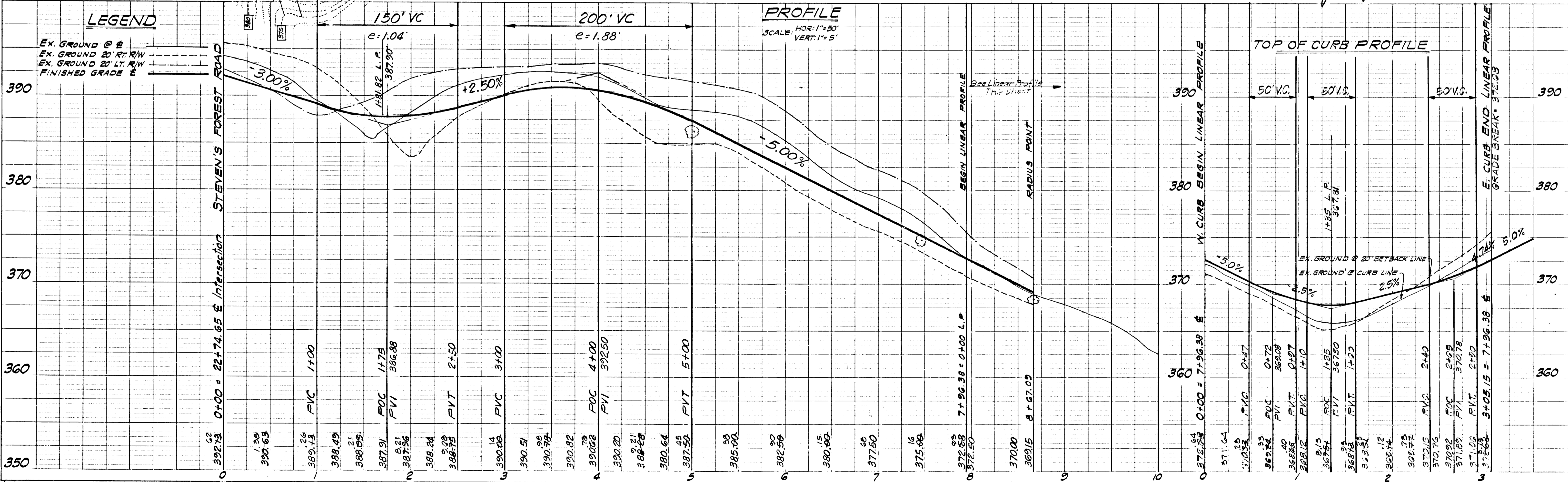


PLATE 1 PLAN - PROFILE & P. R. STANDARD  
 EUGENE DETZGEN CO., CHICAGO - NEW YORK

**JACOBS LADDER**  
 VILLAGE OF OAKLAND MILLS 56-1355  
 F-68-94



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

Rev Date:    Rev No:    Revision Description:

**COLUWABA**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND

OWNER: DEVELOPER  
**HOWARD RESEARCH AND DEVELOPMENT CORP.**  
 THE VILLAGE OF OAKLAND MILLS - BALTIMORE, MARYLAND 21210

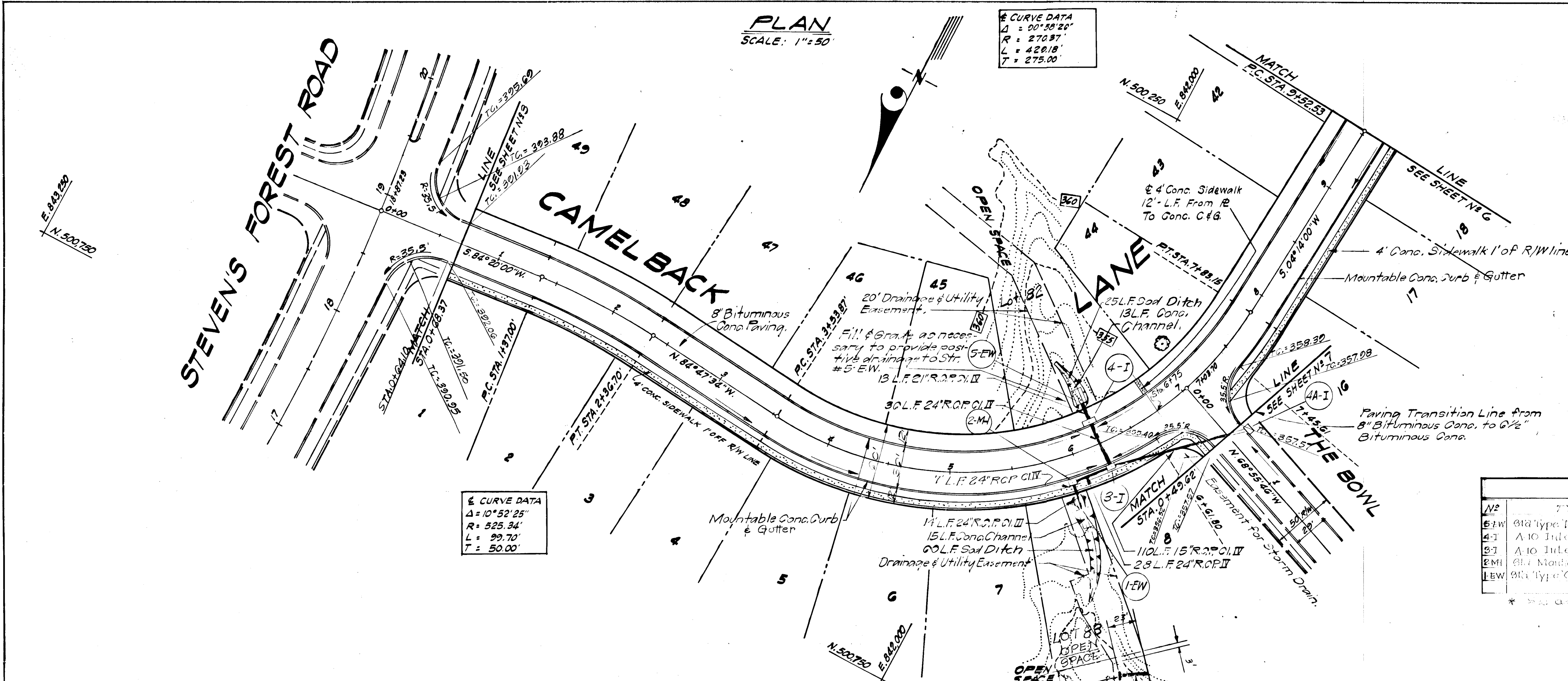
PROJECT AREA: **VILLAGE OF OAKLAND MILLS**  
 SECTION 5, STEVENS FOREST, AREA 1

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

Des By: **B.J.B.**    Scale: **AS SHOWN**    Draw No: **10314**  
 Dwn By: **T.K.R.**    Date: **NOV. 15, 1968**    C.C.I. No:  
 Chk By:    Approved:

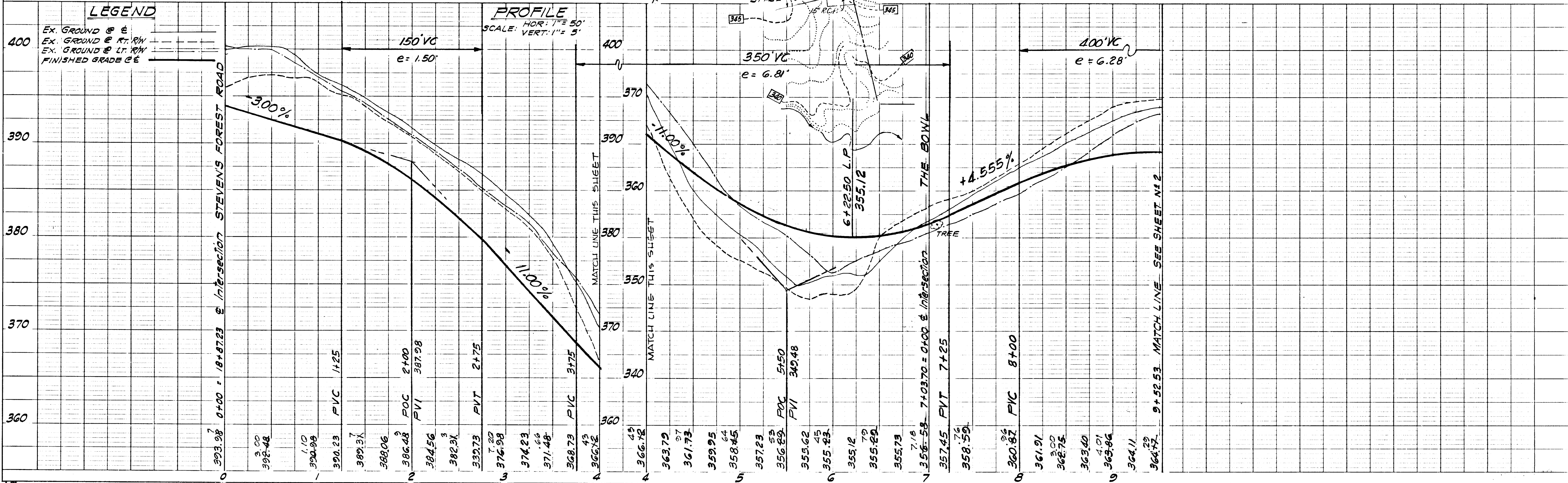


**APPROVED**  
 PLANNING COMMISSION  
 DATE: **2/2/69**  
*[Signature]*



**STORM DRAINAGE STRUCTURE SCHEDULE**

NO.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
63W	8 1/2" type 'C' Inlet	Station 7+00.00	358.17	358.17	358.17	15' Co. 8 1/2" Pipe, 12' x 12' Man.
64J	12" Inlet	Station 7+15.00	358.17	358.17	358.17	15' Co. 12" Pipe, 12' x 12' Man.
65I	12" Inlet	Station 7+30.00	358.17	358.17	358.17	15' Co. 12" Pipe, 12' x 12' Man.
66M	8 1/2" Manhole	Station 7+45.00	358.17	358.17	358.17	15' Co. 8 1/2" Pipe, 12' x 12' Man.
67W	8 1/2" type 'C' Inlet	Station 7+60.00	358.17	358.17	358.17	15' Co. 8 1/2" Pipe, 12' x 12' Man.



DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

PLANNING COMMISSION CHECKED: \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

PROFILE CHECKED: \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_

STRUCTURE NOTES CHECKED: \_\_\_\_\_







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

Rev Date	Rev No	Revision Description

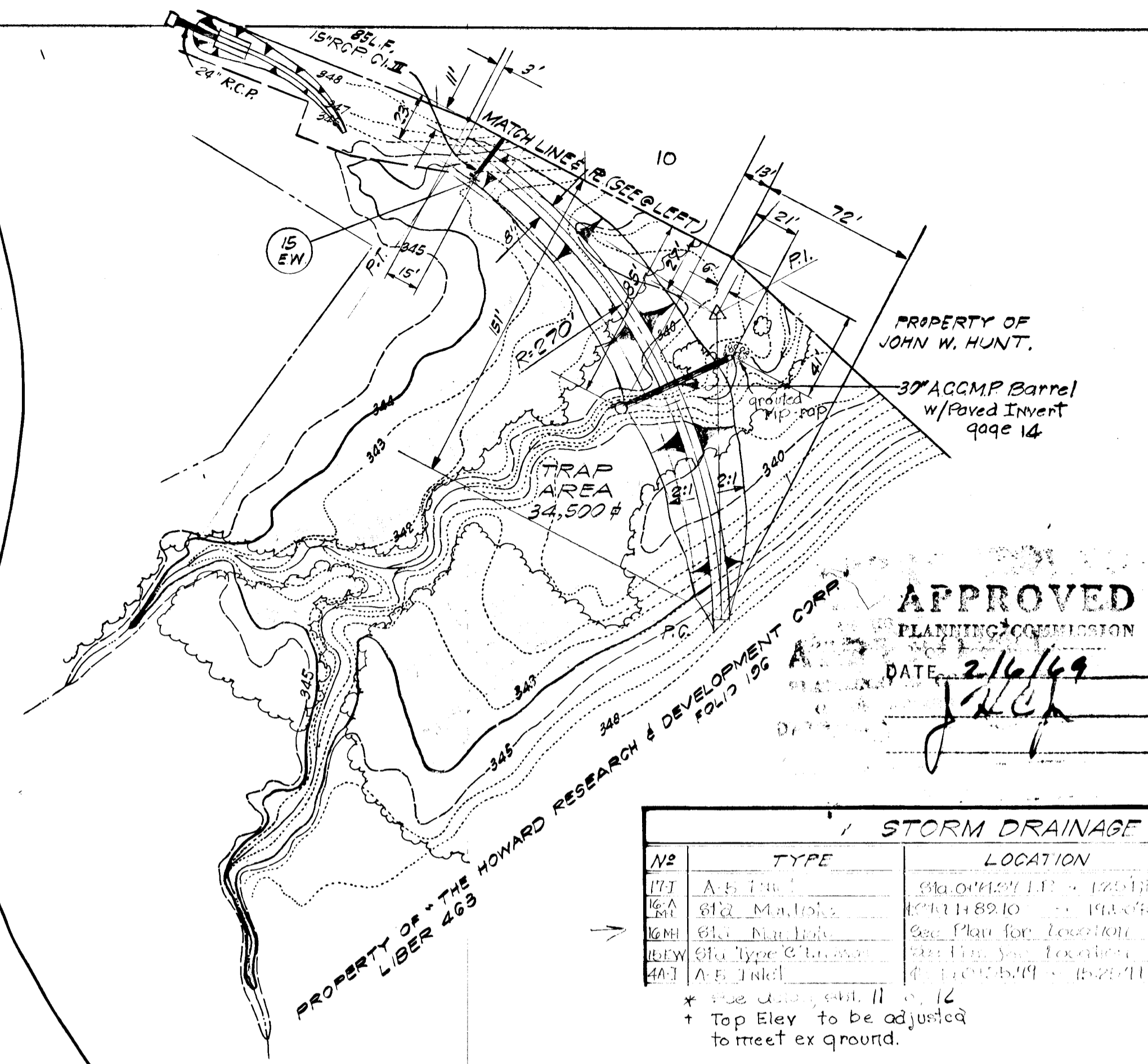
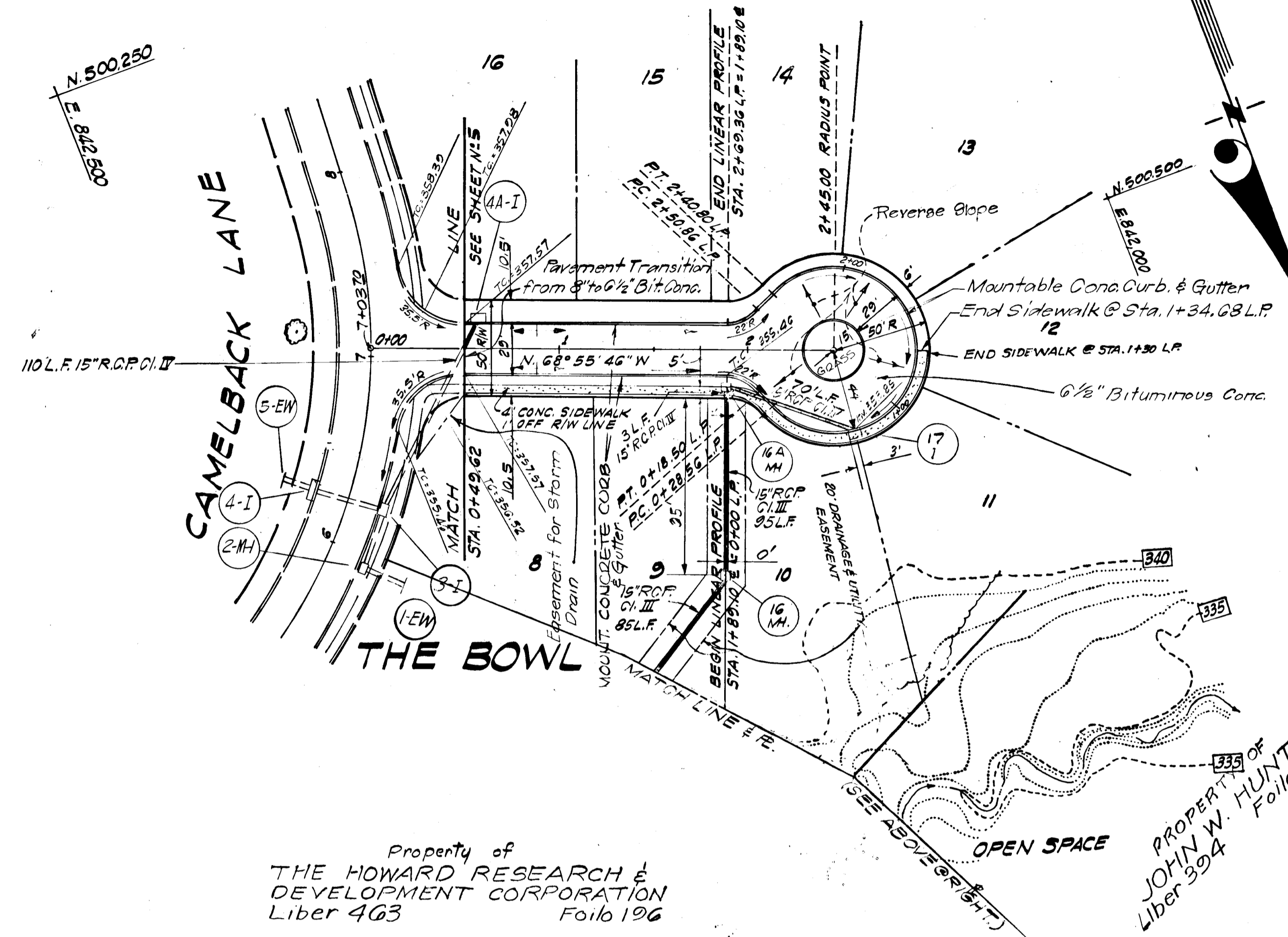
**COLUMBIA**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 OWNER AND DEVELOPER  
**HOWARD RESEARCH AND DEVELOPMENT CORP.**  
 THE VILLAGE OF OAKLAND MILLS - BALTIMORE, MARYLAND 21210

PROJECT AREA: **VILLAGE OF OAKLAND MILLS**  
 SECTION 5, STEVEN'S FOREST, AREA 1

PROJECT TITLE: **PLAN AND PROFILE**  
**THE BOWL**

Des By: [Signature] Date: Nov. 1968  
 Dwn By: [Signature] Date: Nov. 1968  
 Chk By: [Signature] Date: Nov. 1968

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



**APPROVED**  
 PLANNING COMMISSION  
 DATE: 2/16/69  
 [Signature]

**STORM DRAINAGE STRUCTURE SCHEDULE**

Nº	TYPE	LOCATION	INV. IN	INV. OUT	T.O.P. ELEV.	REMARKS
17A	A-5 Inlet	330.00	330.00	330.00	330.00	
17B	A-5 Inlet	330.00	330.00	330.00	330.00	
17C	A-5 Inlet	330.00	330.00	330.00	330.00	
17D	A-5 Inlet	330.00	330.00	330.00	330.00	
17E	A-5 Inlet	330.00	330.00	330.00	330.00	

\* Use elev. of 11' ± 12'  
 † Top Elev. to be adjusted to meet ex ground.

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

NO. \_\_\_\_\_

**LEGEND**

Ex. GROUND @ ±  
 Ex. GROUND 20' RT. RW  
 Ex. GROUND 20' LT. RW  
 FINISHED GRADE @ ±

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

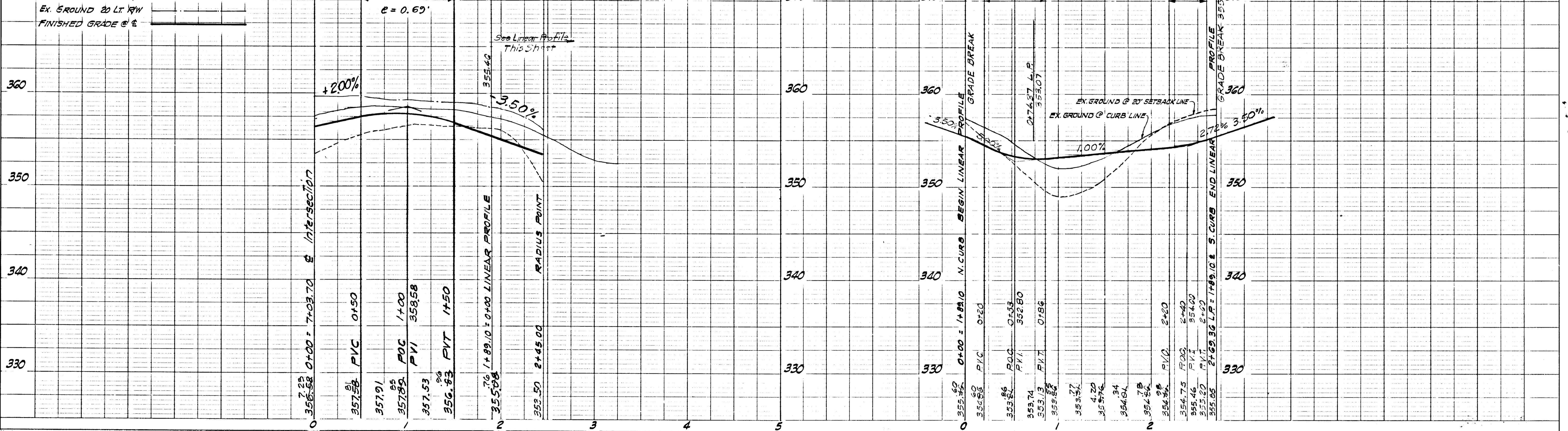


PLATE 1 PLAN - PROFILE D P R STANDARD  
 ENGINE DISTRICT # 0, CHICAGO, ILL. 1968



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

Rev No	Rev Date	Revision Description

**GOULD WATBIA**  
CIVIL ENGINEERING DISTRICT  
HOWARD COUNTY MARYLAND

HOWARD RESEARCH AND DEVELOPMENT CORP.  
THE VILLAGE OF OAKLAND MILLS - BALTIMORE, MARYLAND 21210

PROJECT TITLE: VILLAGE OF OAKLAND MILLS  
SECTION 5, STEVEN'S FOREST, AREA 1  
PROJECT ID: PLAN & PROFILE  
**JAMINA DOWNS**

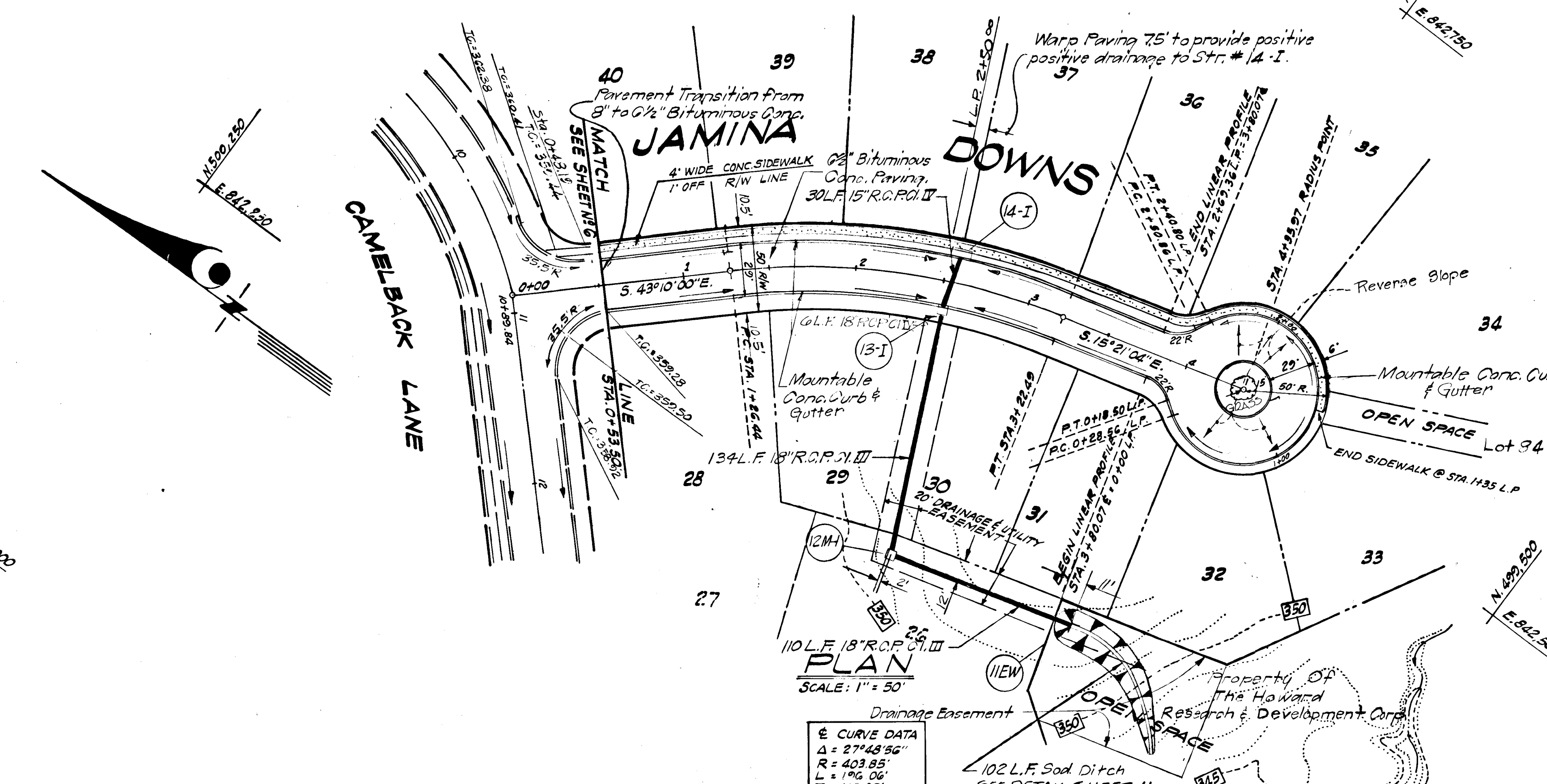
Des By: B.J.L. Scale: AS SHOWN Draw No: 8 of 17  
Dwn By: J.K.L. Date: NOV. 17, 1968 C.C.F. No:  
Chk By: Approved

DATE	BY

SURVEYED, PLOTTED, ALIGNED, CHECKED, NOTE BOOK, PT. OF WAY CHECK, NO.

DATE	BY

SURVEYED, PLOTTED, GRADES CHECKED, FINISHED GRADES CHECKED, STRUCTURE NOTES CHECKED, NO.



**APPROVED**  
PLANNING COMMISSION  
OF HOWARD COUNTY, MARYLAND  
DATE: 11/20/68  
*J.K.L.*



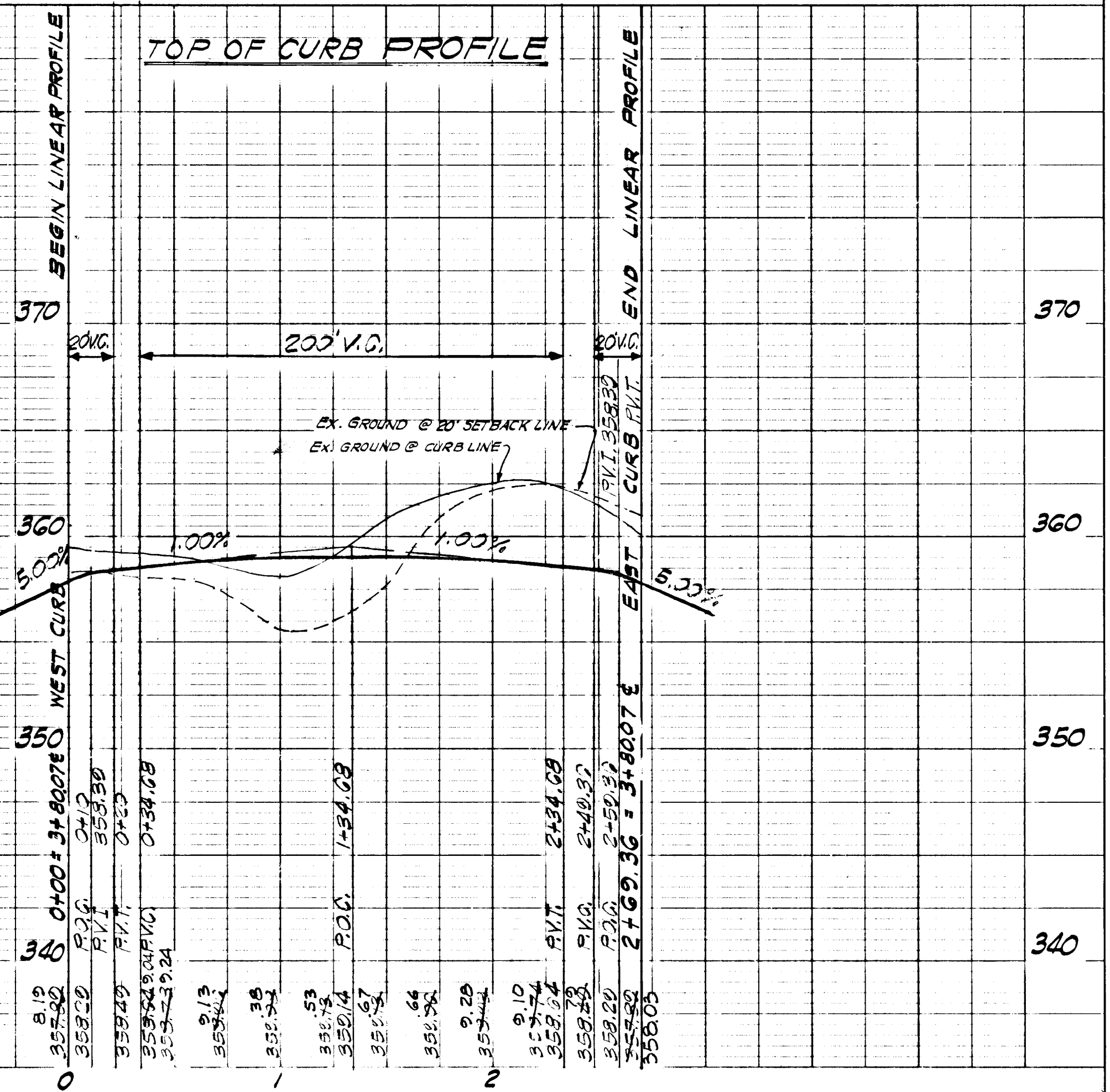
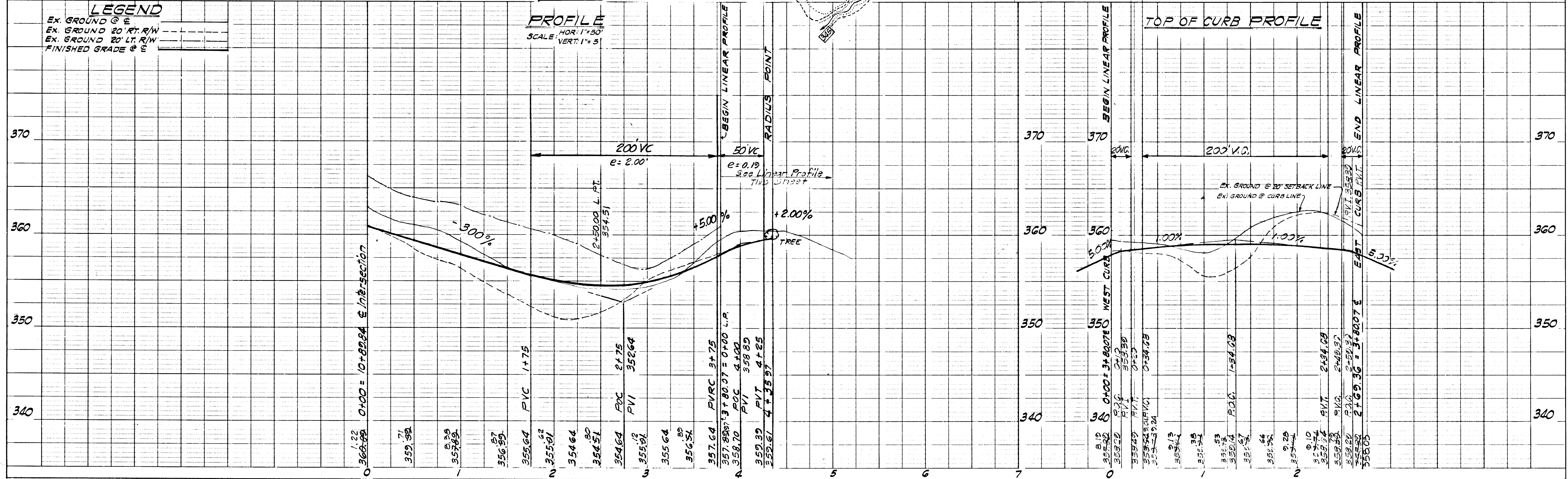
STORM DRAINAGE STRUCTURE SCHEDULE

NO	TYPE	LOCATION	INV. IN	INV. OUT	COEFF. LEV.	REMARKS
121	A-10 Inlet	4th St. at 1100 - 1100 ft	34.1	34.1	20-1-1	10' Dia. Manhole
122	A-10 Inlet	4th St. at 1200 - 1200 ft	34.1	34.1	20-1-1	10' Dia. Manhole
123	4" Manhole	See Plan for location	34.1	34.1	20-1-1	10' Dia. Manhole
124	6" Type 1 Inlet	See Plan for location	34.1	34.1	20-1-1	10' Dia. Manhole

\* See Detail Sheet 11 of 17.  
† Top Elev. to adjusted to meet Ex. Ground.

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

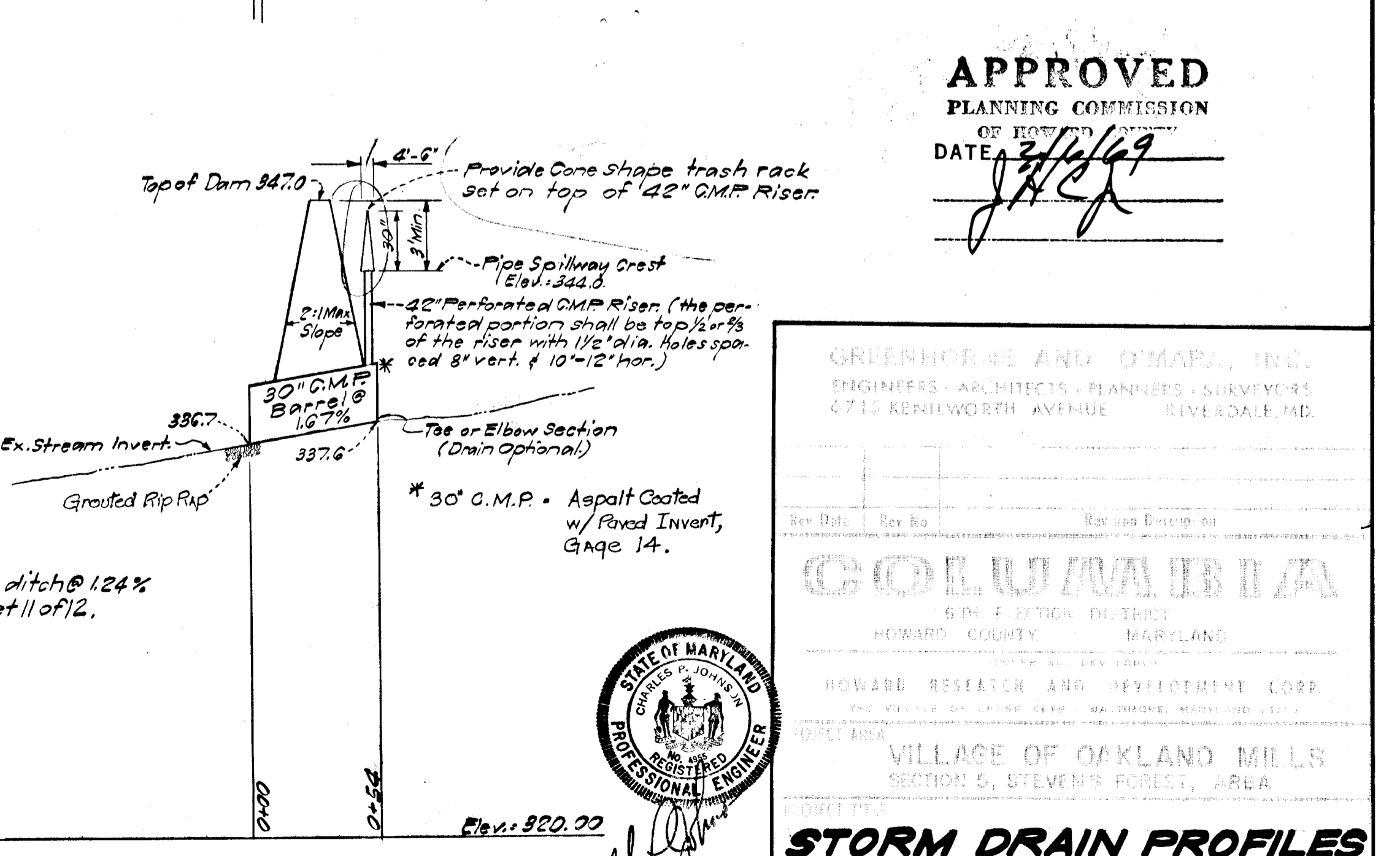
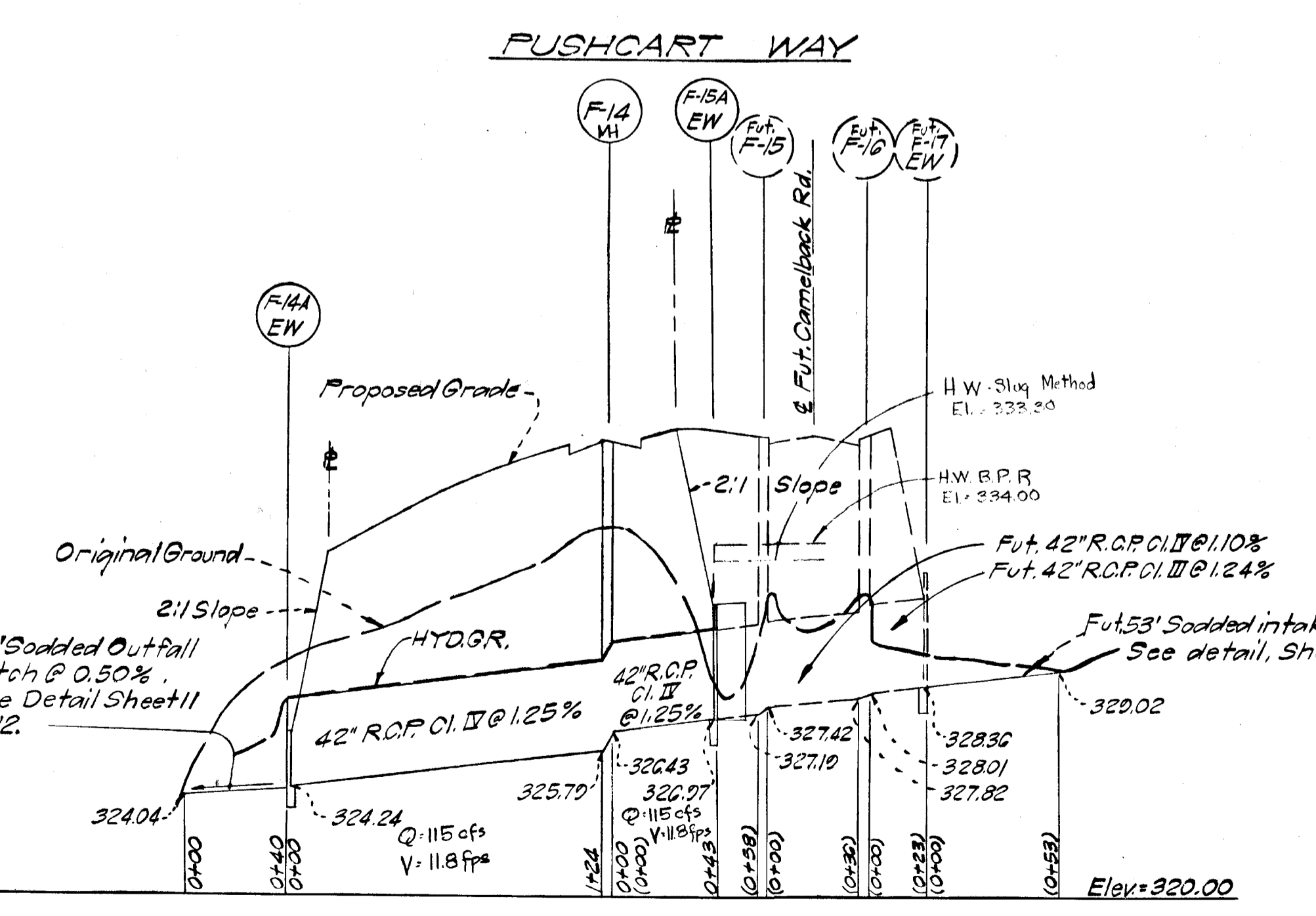
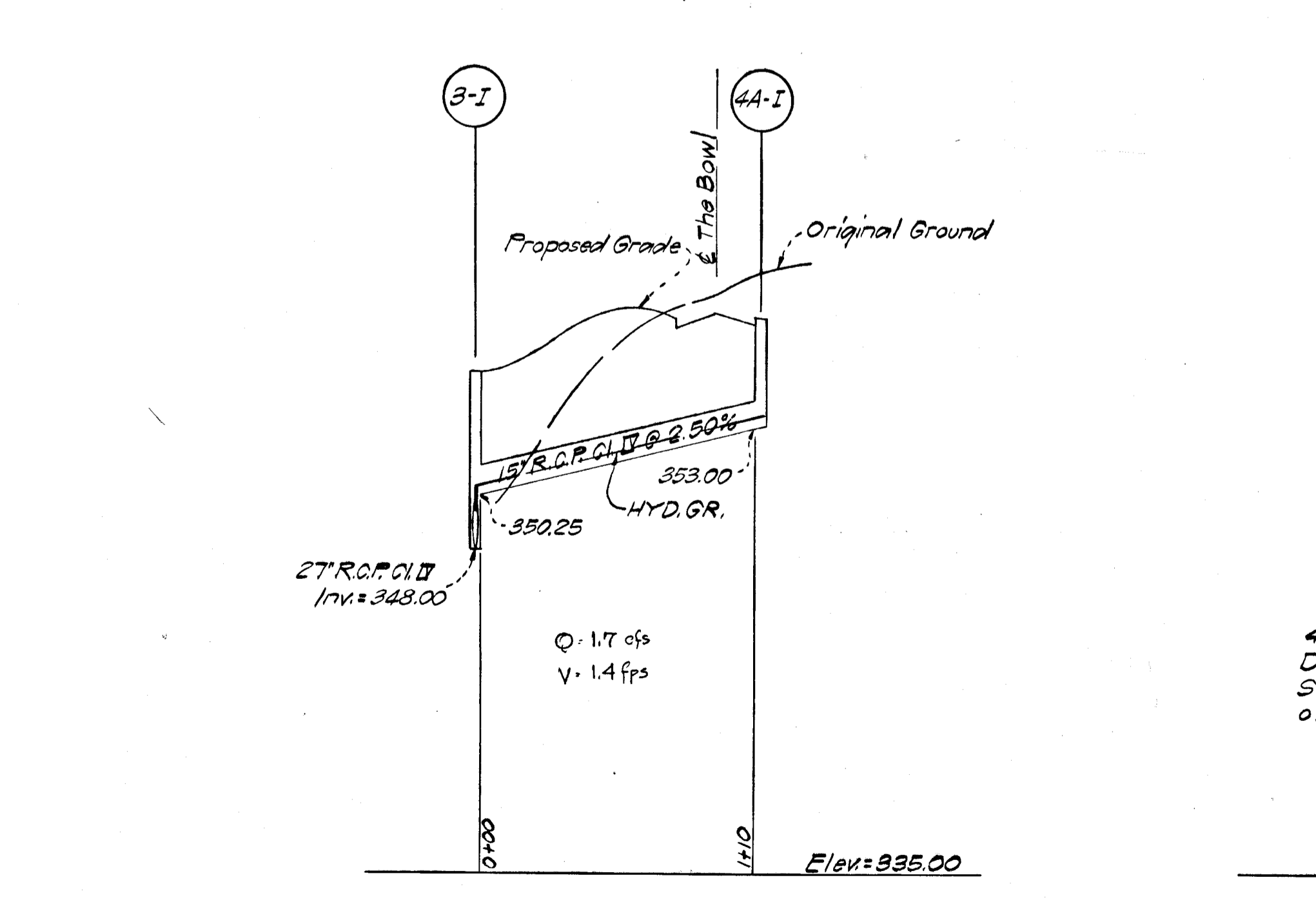
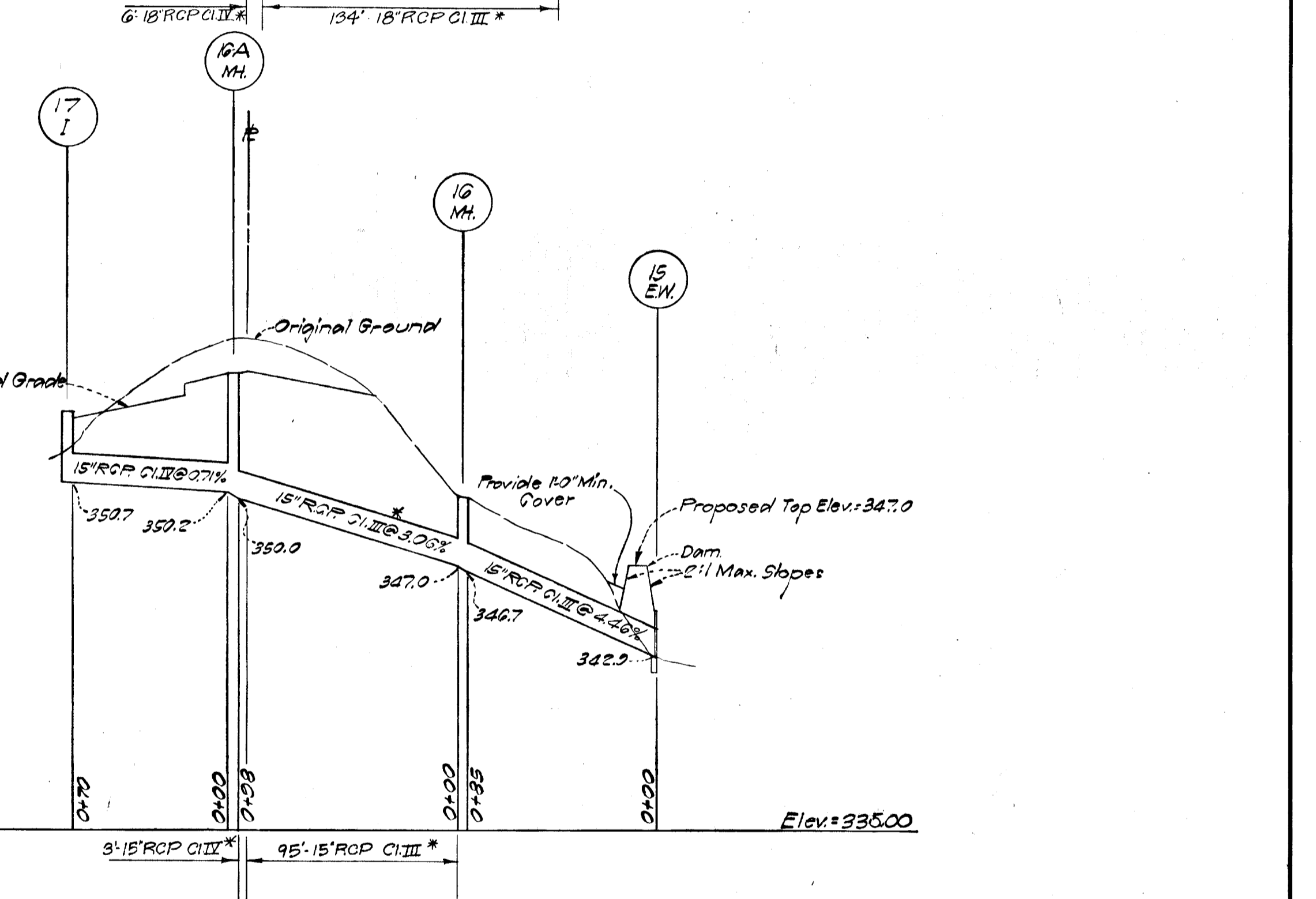
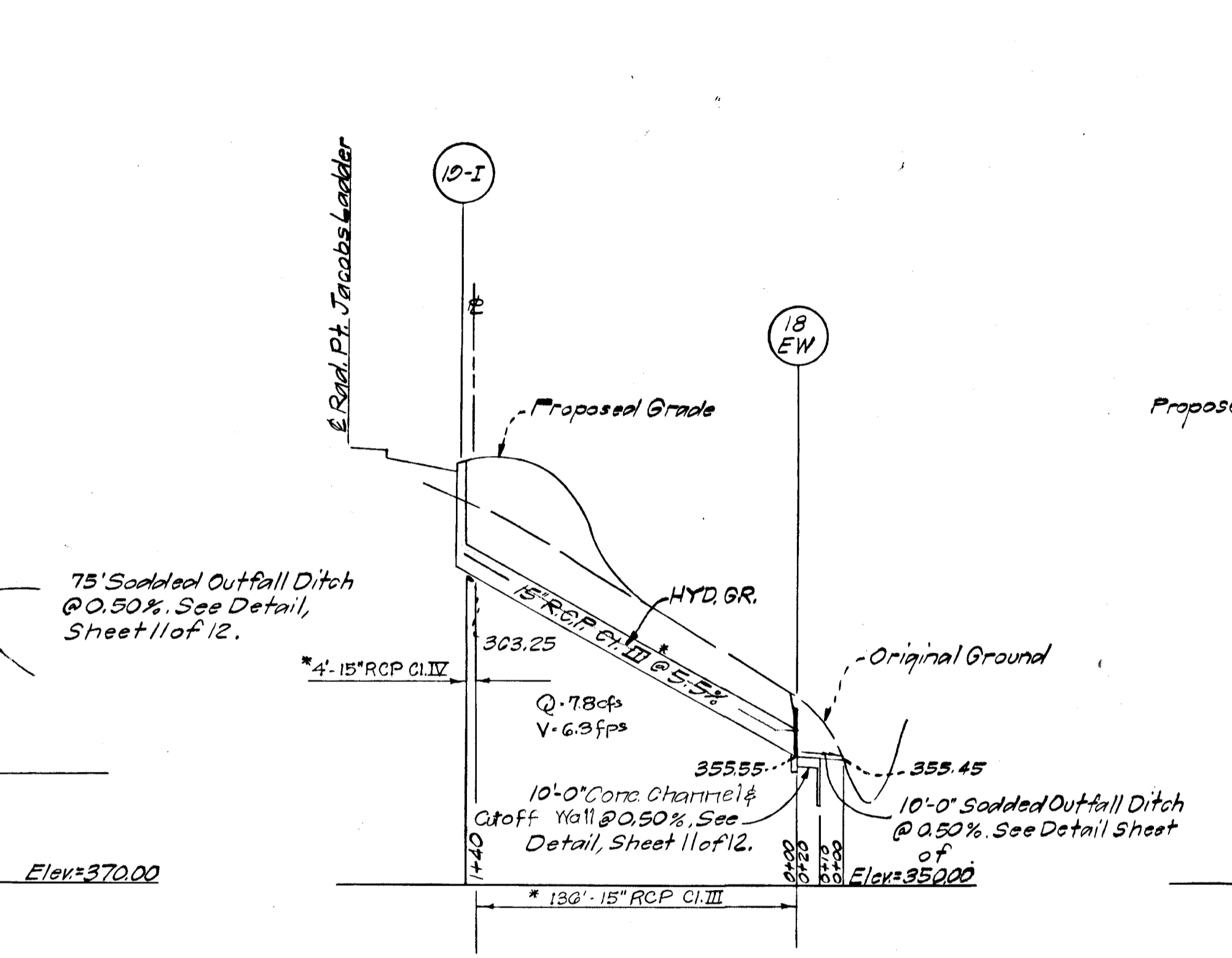
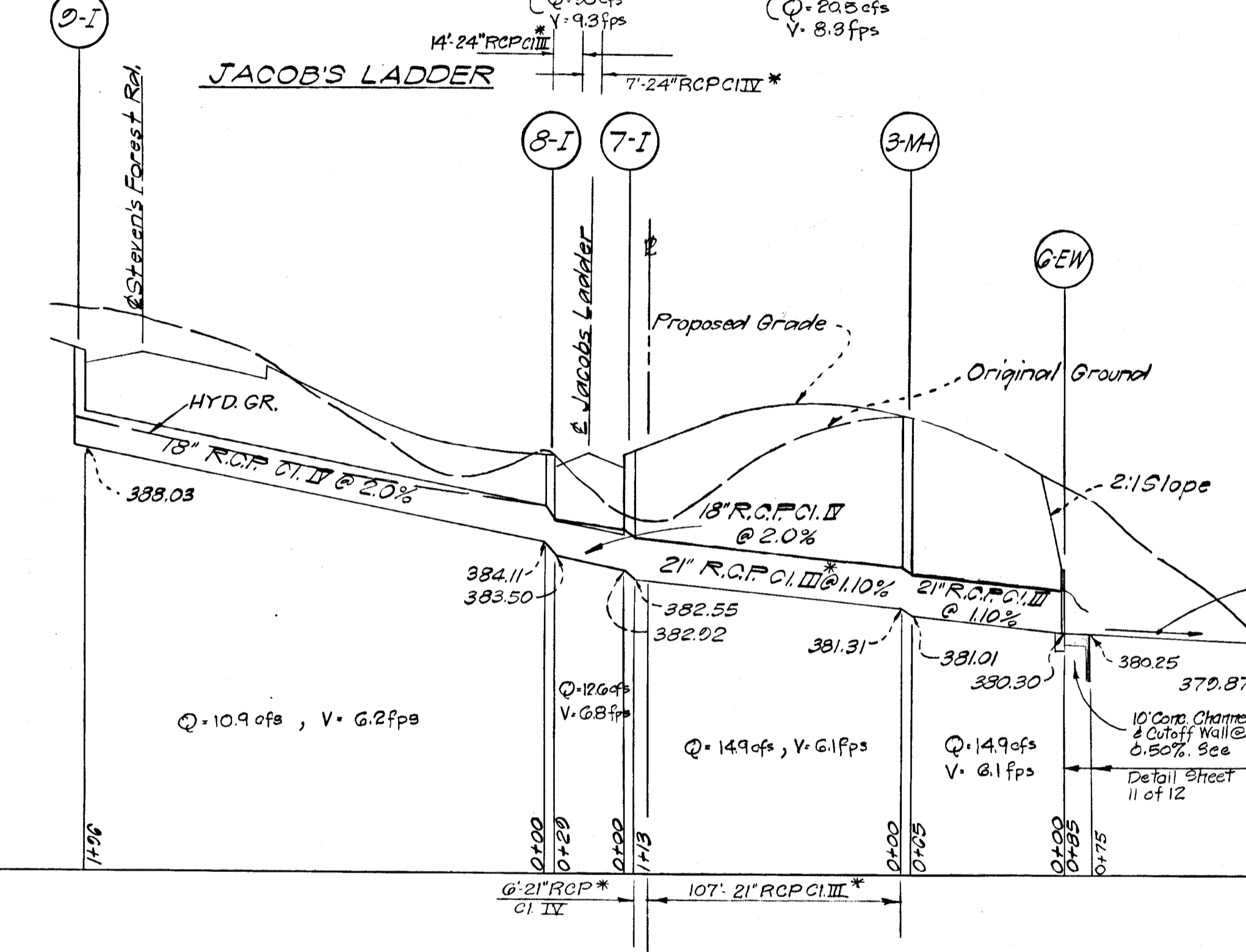
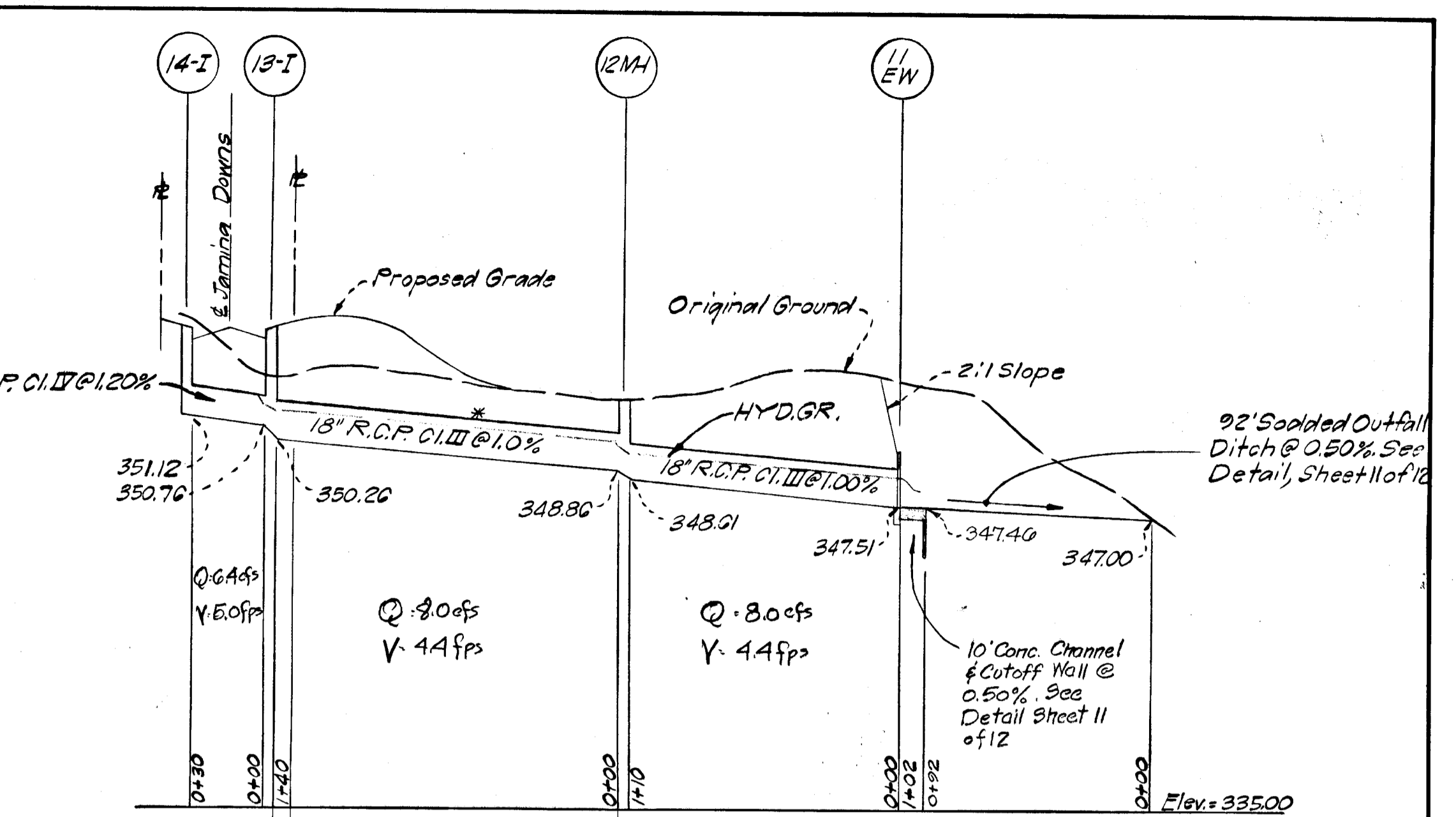
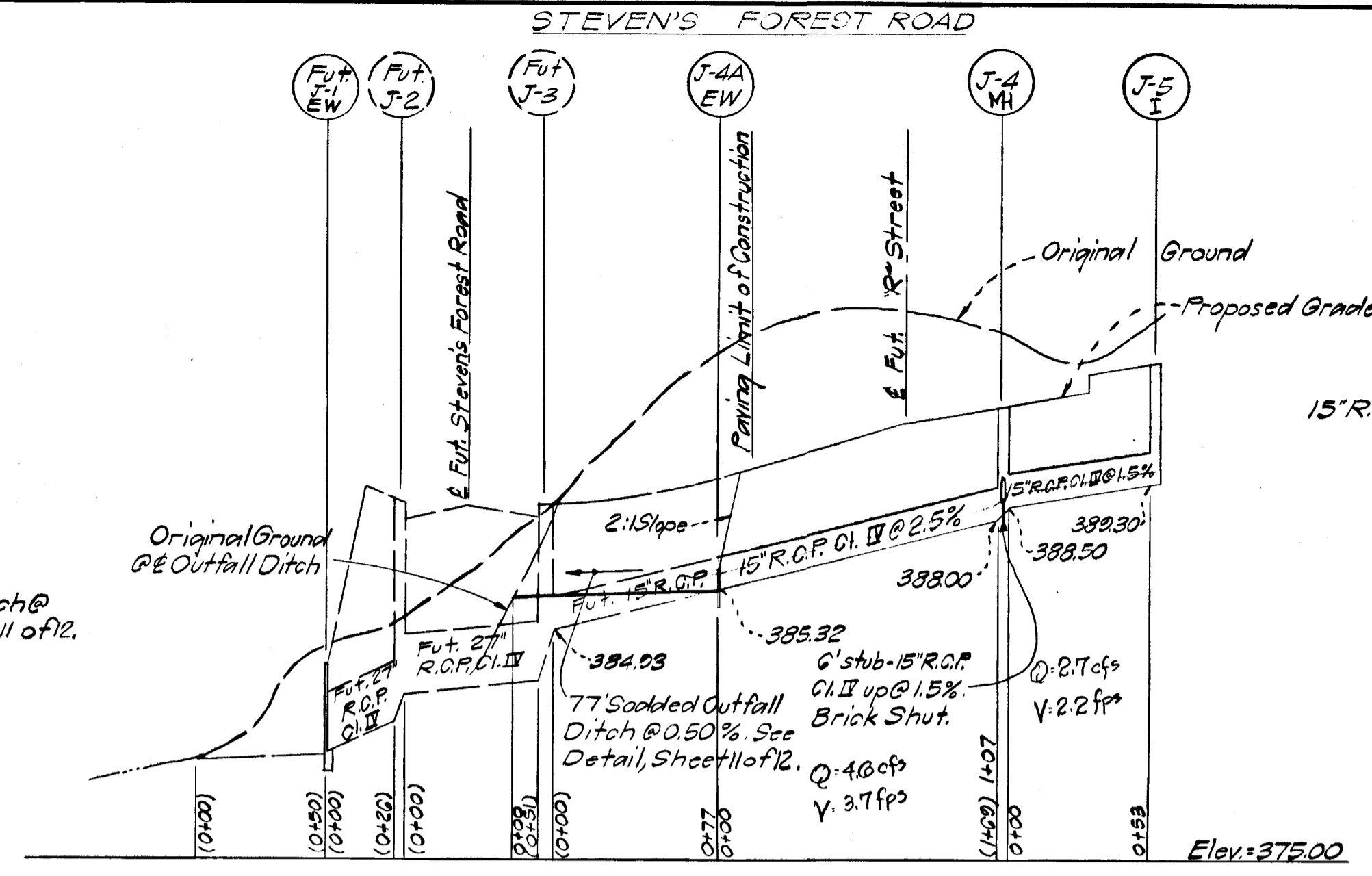
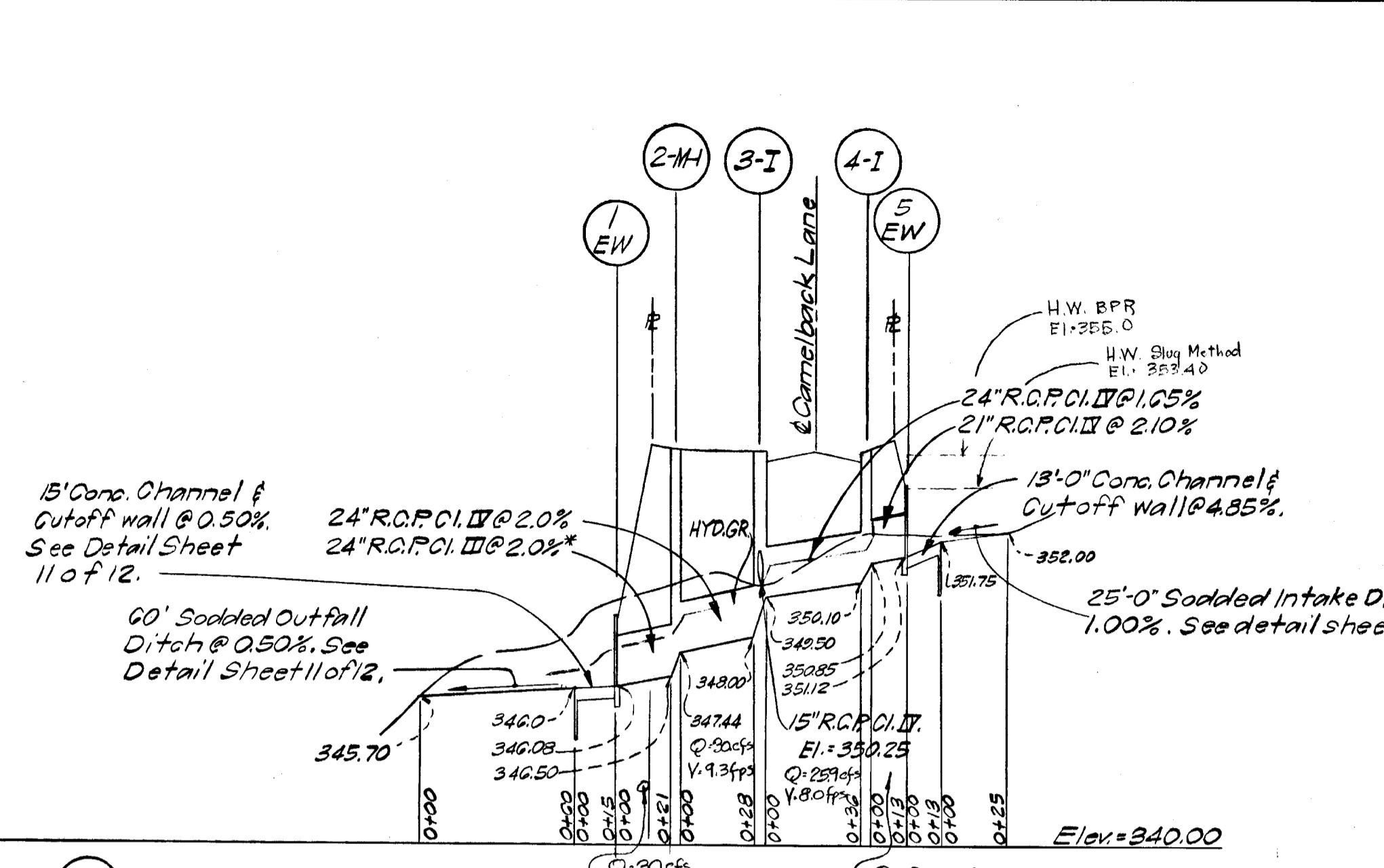
**PROFILE**  
HOR: 1" = 50'  
SCALE VERT: 1" = 5'











STORM DRAIN PROFILES  
Scale: Hor. 1"=50', Vert. 1"=5'

PROFILE OF SILT BASIN  
SCALE: Hor. 1"=50' Vert. 1"=5'

APPROVED  
PLANNING COMMISSION  
OF HOWARD COUNTY  
DATE 3/16/69  
[Signature]

GREENHOUSE AND O'MARA, INC.  
ENGINEERS, ARCHITECTS, PLANNERS - SURVEYORS  
6711 KENILWORTH AVENUE RIVERDALE, MD.

HOWARD RESEARCH AND DEVELOPMENT CORP.  
VILLAGE OF OKLAND MILLS  
SECTION 5, STEVEN'S FOREST AREA

**STORM DRAIN PROFILES**

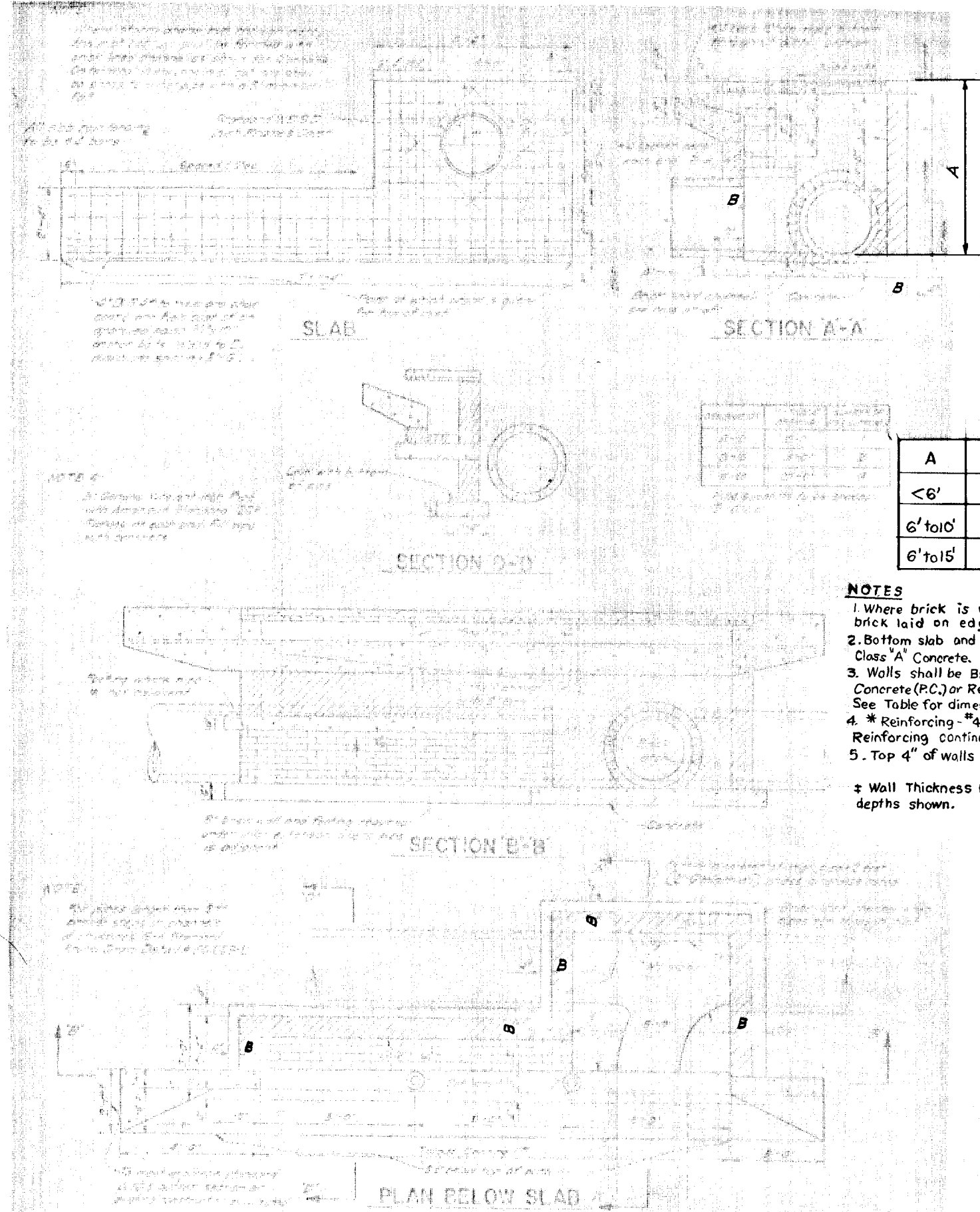
B.J.B. As Shown 10 of 12  
D.M.T. Nov. 15, 1968



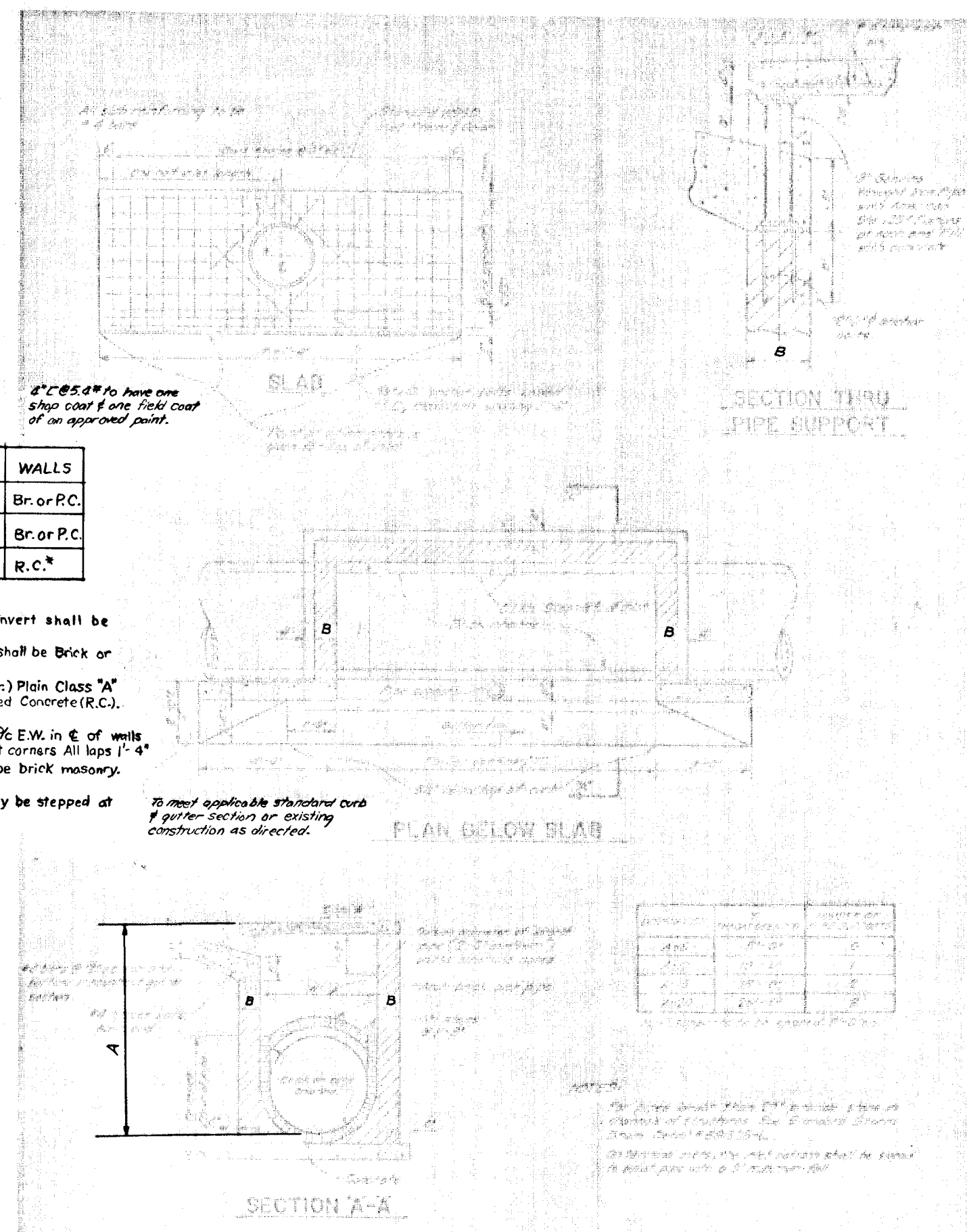


NOTE:  
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY  
ROAD CONSTRUCTION CODE AND SPECIFICATIONS DRAWING G4-B PAGE 118-B

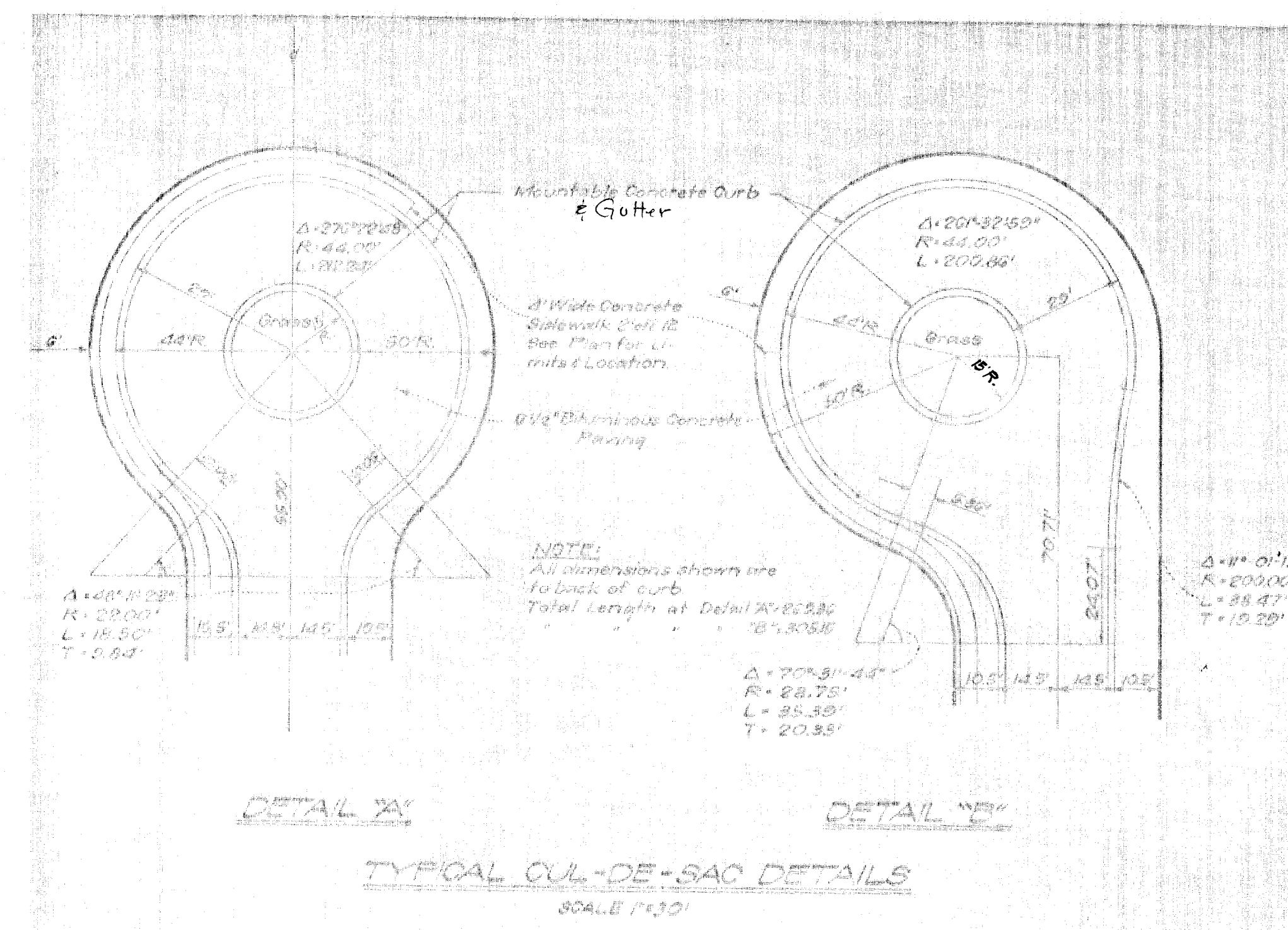
NOTE:  
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY  
ROAD CONSTRUCTION CODE AND SPECIFICATIONS DRAWING G4-A PAGE 118-A



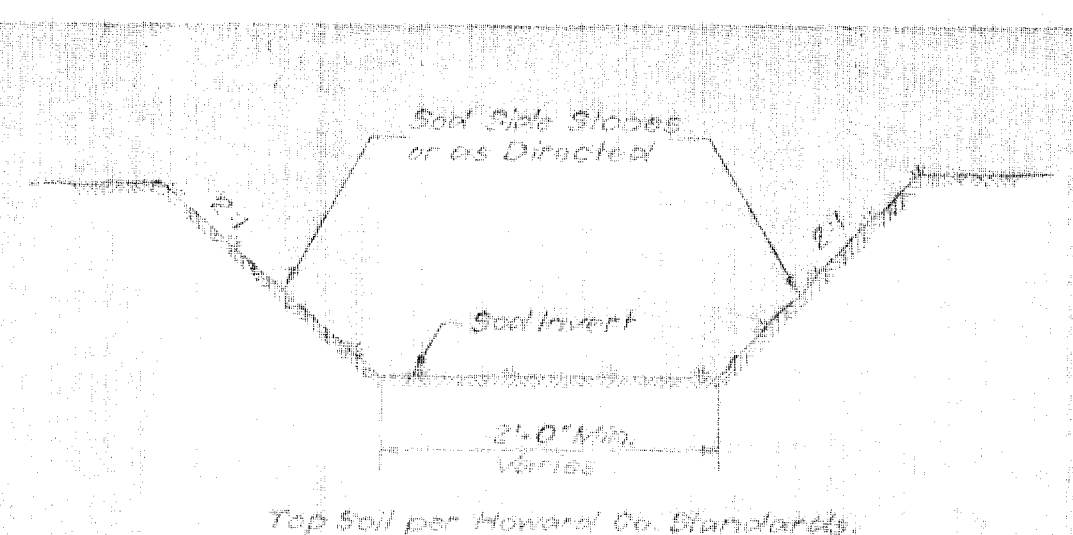
**STANDARD B-INLET**  
NO SCALE



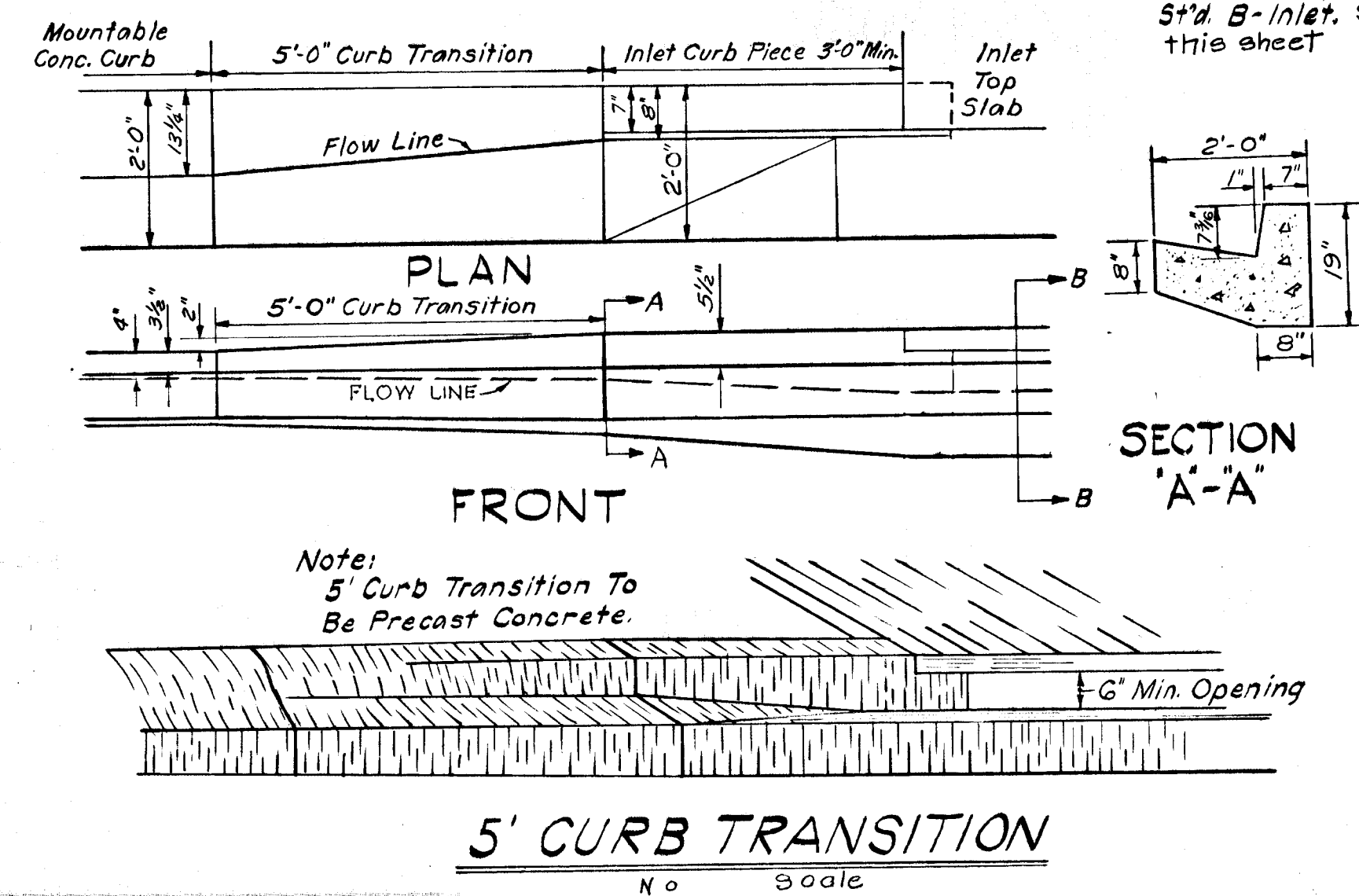
**STANDARD A-INLET**  
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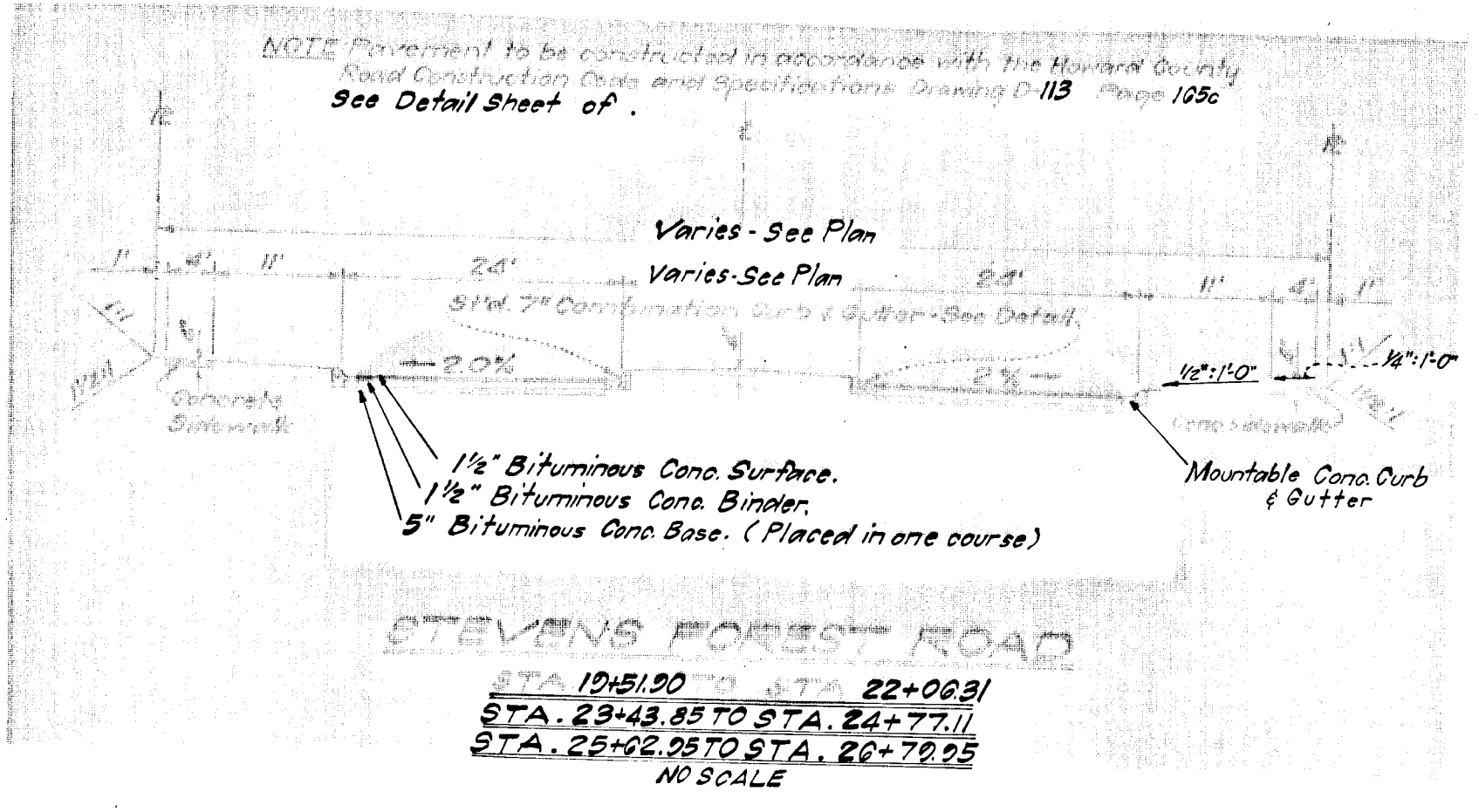
**TYPICAL CUL-DE-SAC DETAILS**  
SCALE 1/4" = 1'-0"



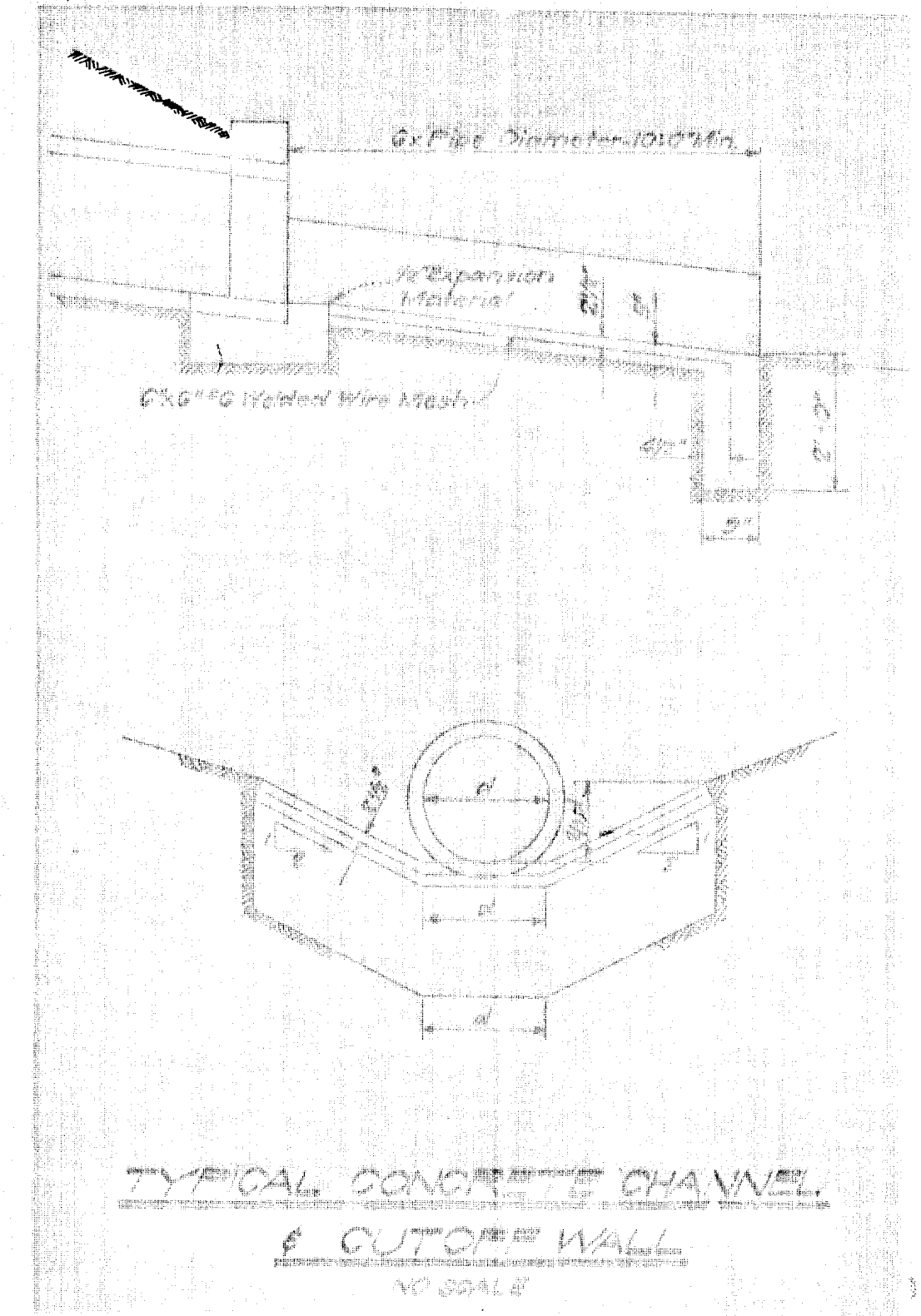
**TYPICAL DRAINAGE DITCH**  
NO SCALE



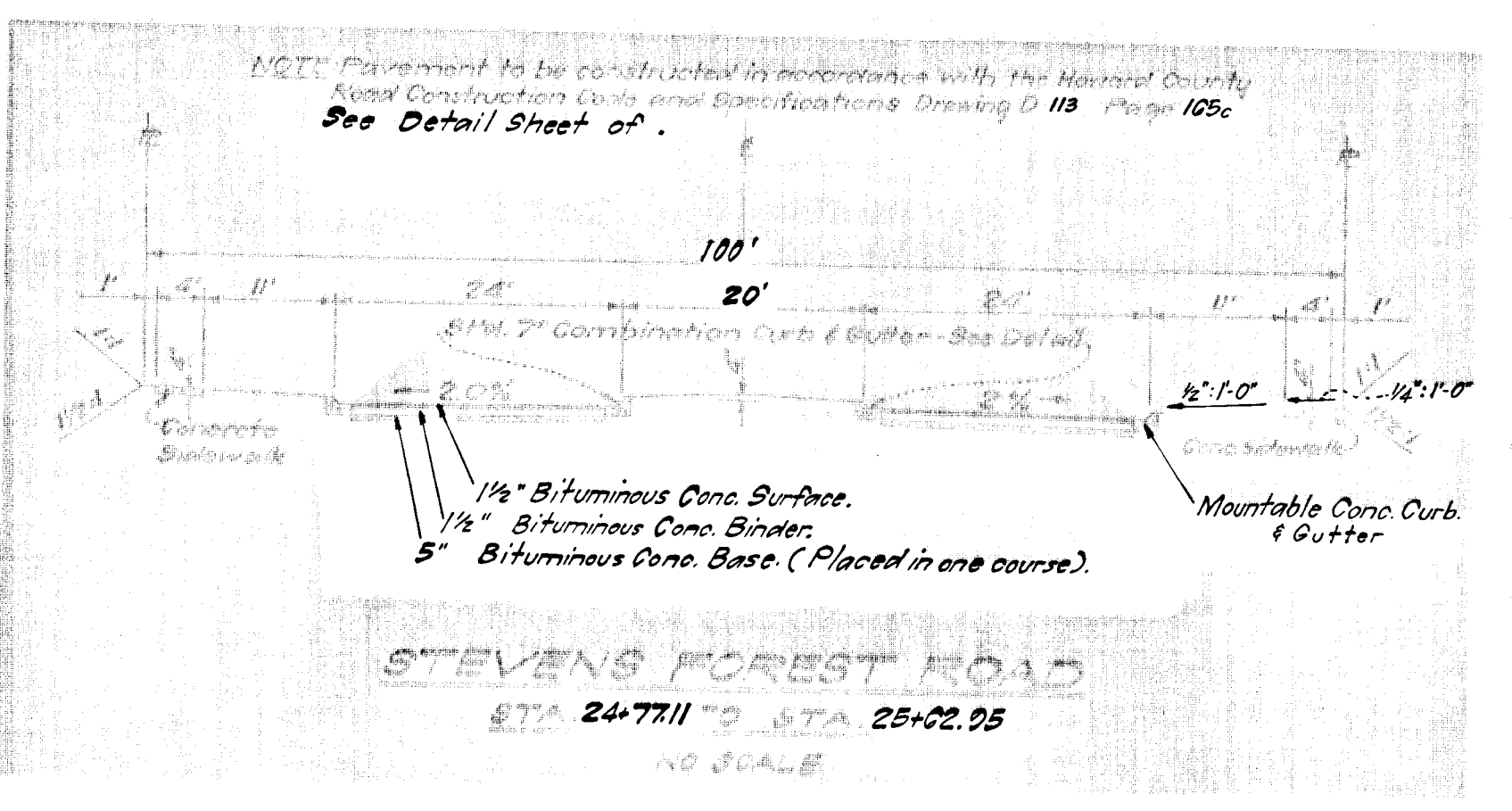
**5' CURB TRANSITION**  
No Scale



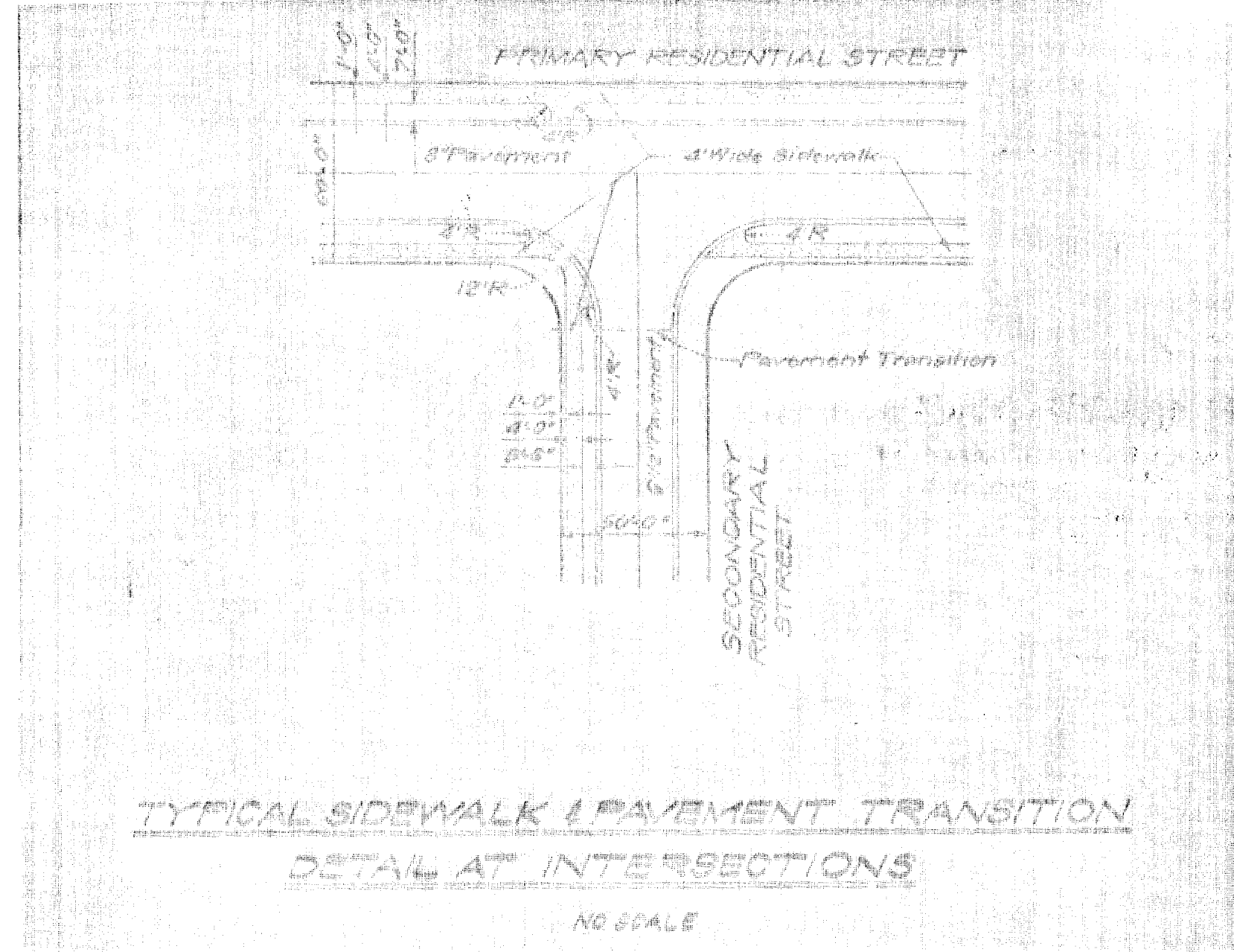
**STEVENS FOREST ROAD**  
NO SCALE



**TYPICAL CONCRETE CHANNEL & CURB WALL**  
NO SCALE

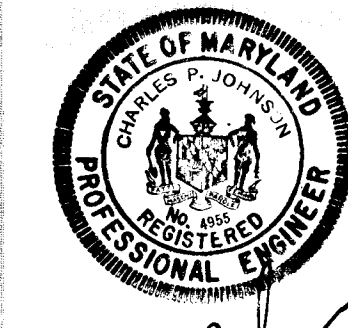


**STEVENS FOREST ROAD**  
NO SCALE



**TYPICAL SIDEWALK & PAVEMENT TRANSITION DETAIL AT INTERSECTIONS**  
NO SCALE

**APPROVED**  
PLANNING COMMISSION  
DATE: 3/2/69



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

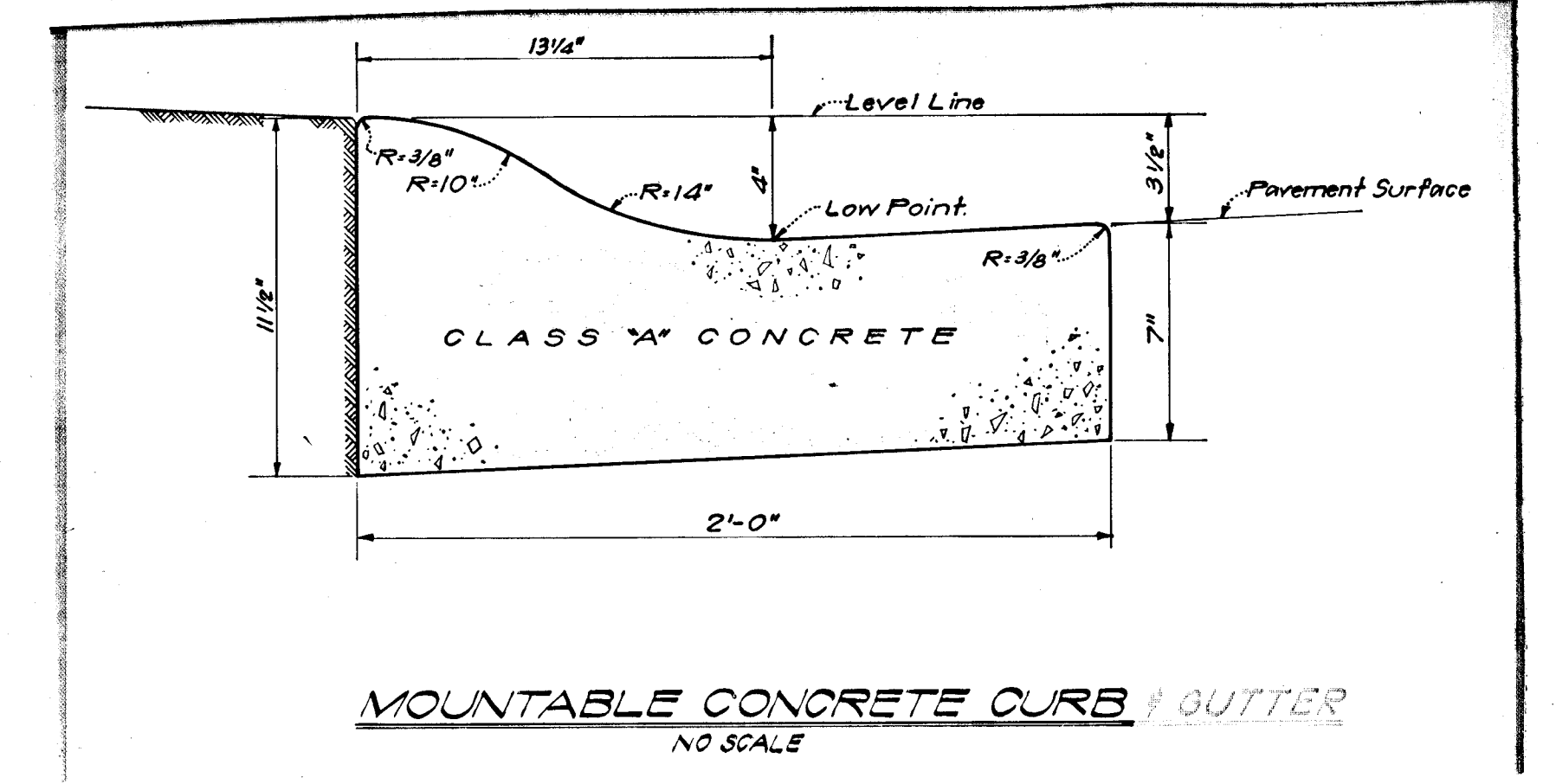
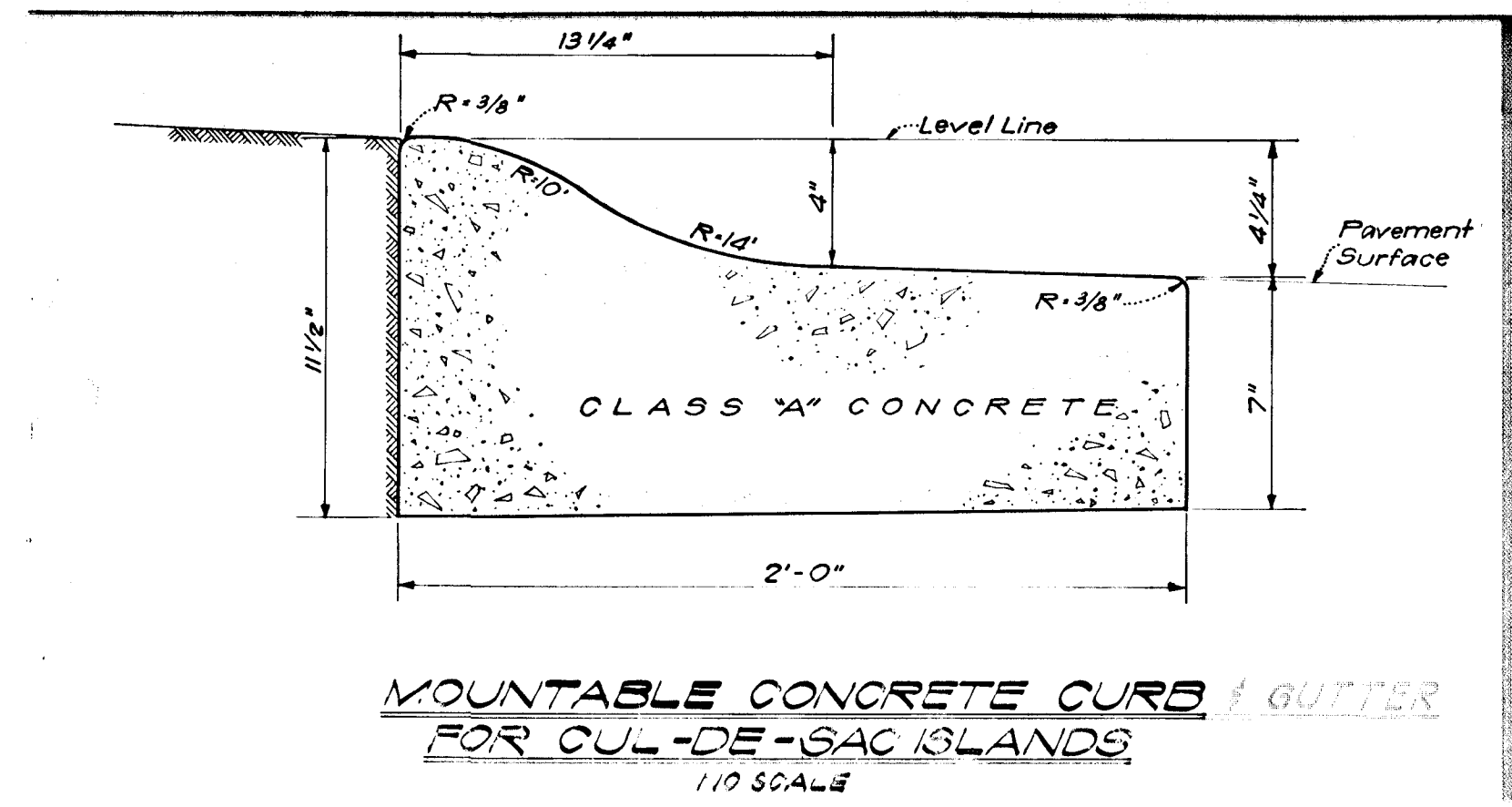
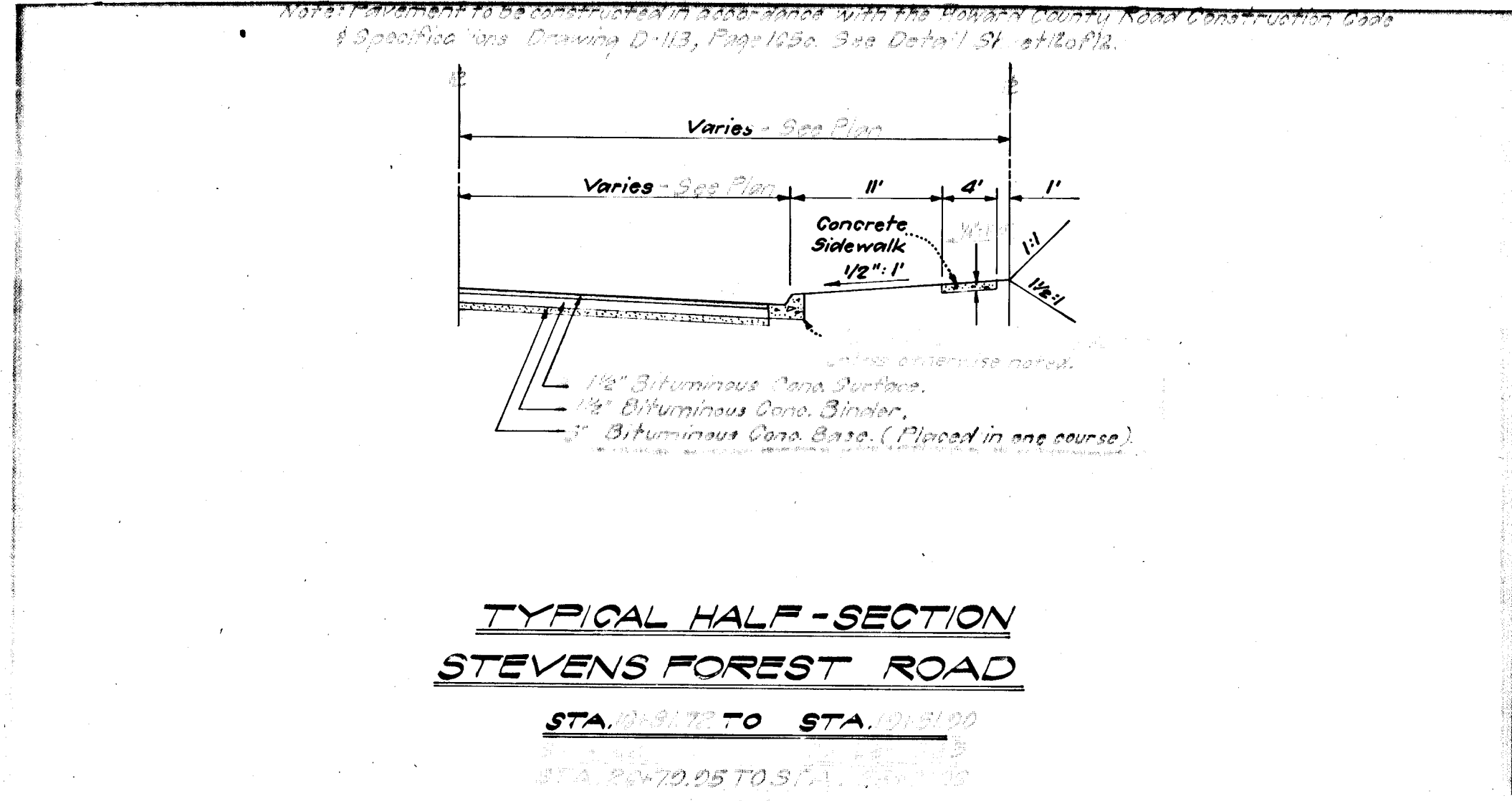
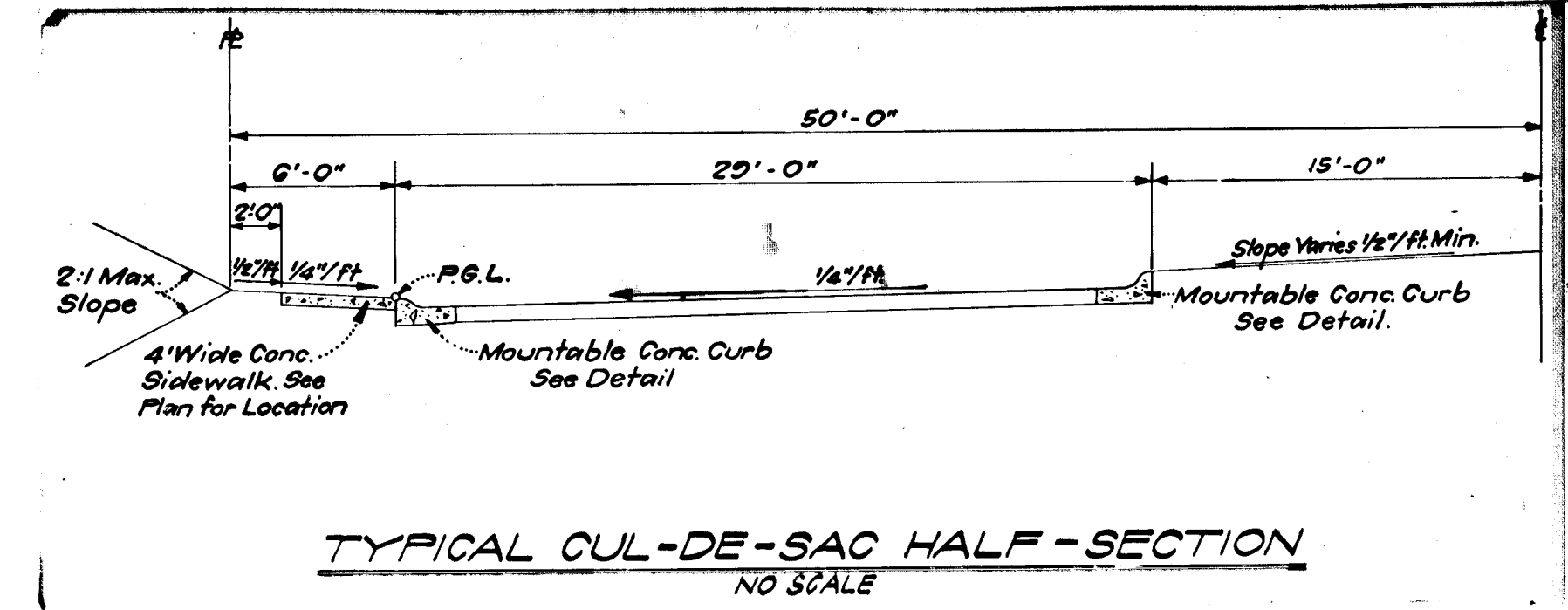
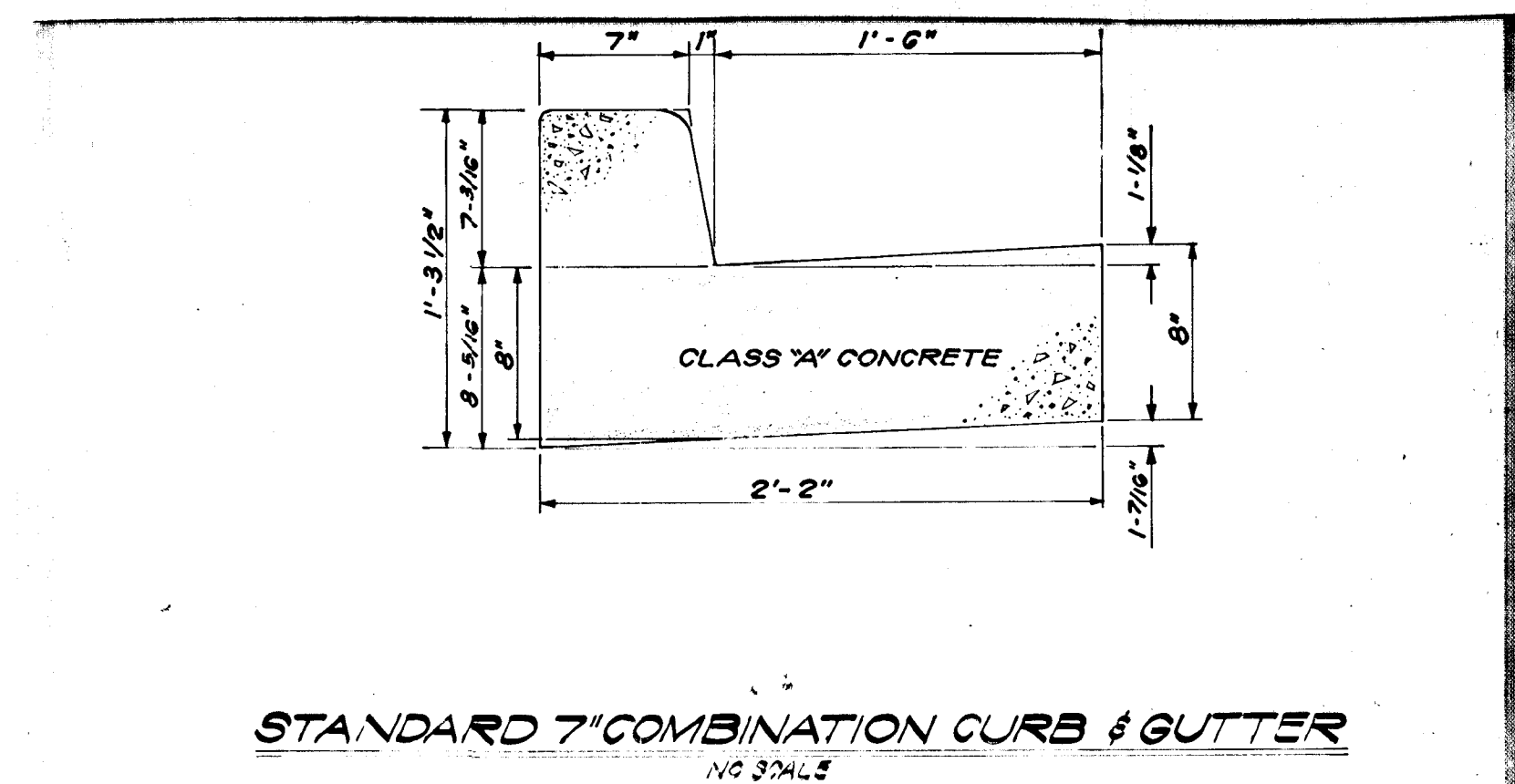
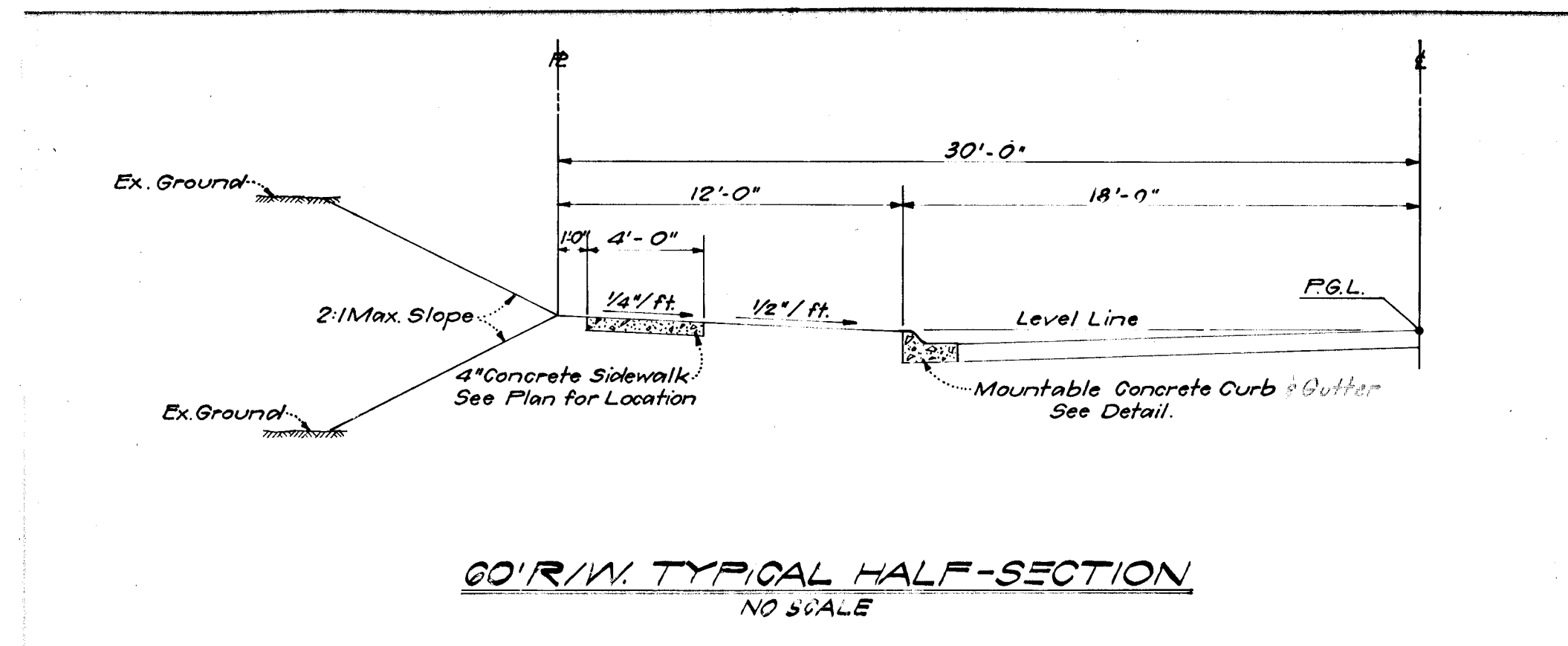
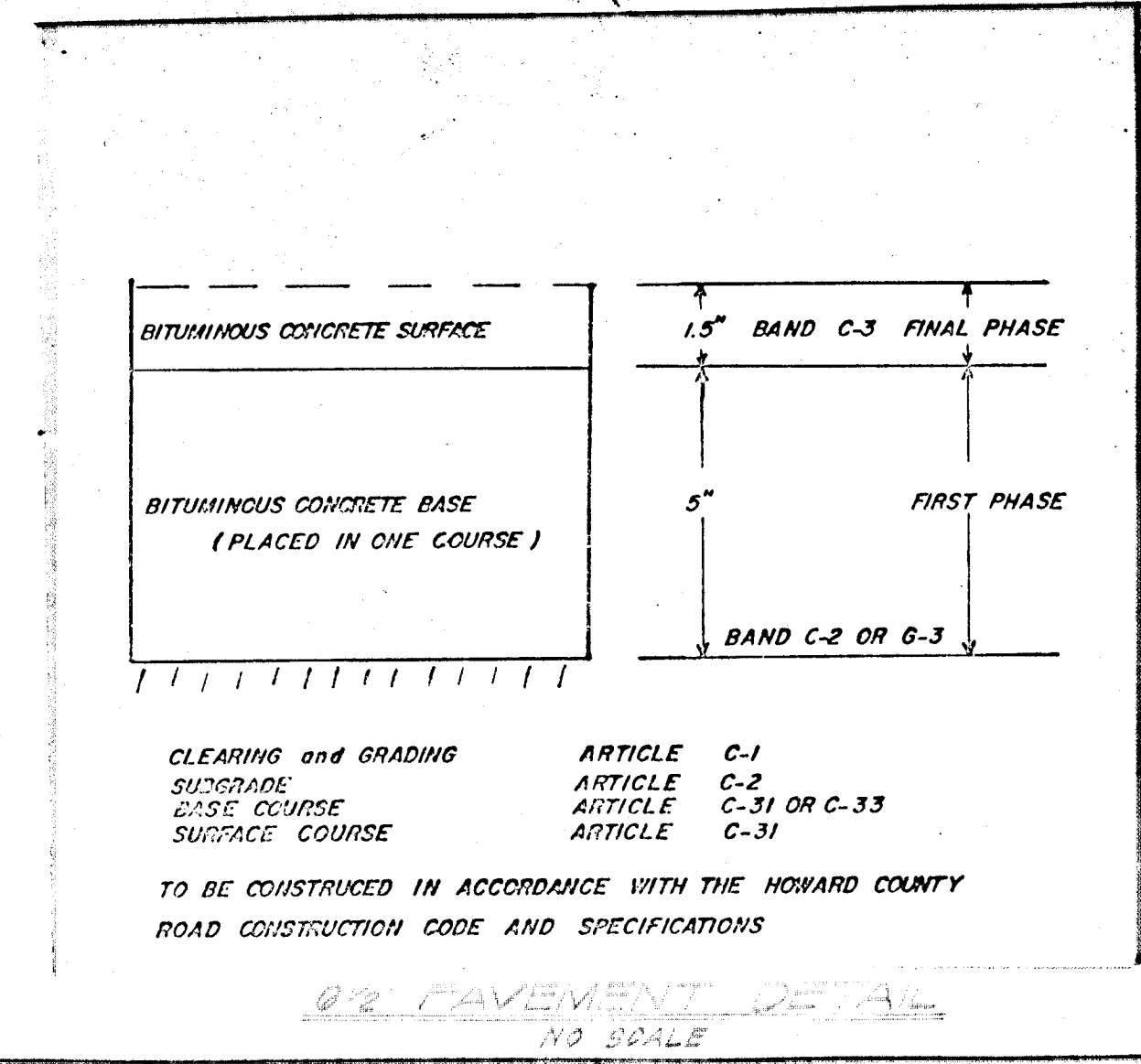
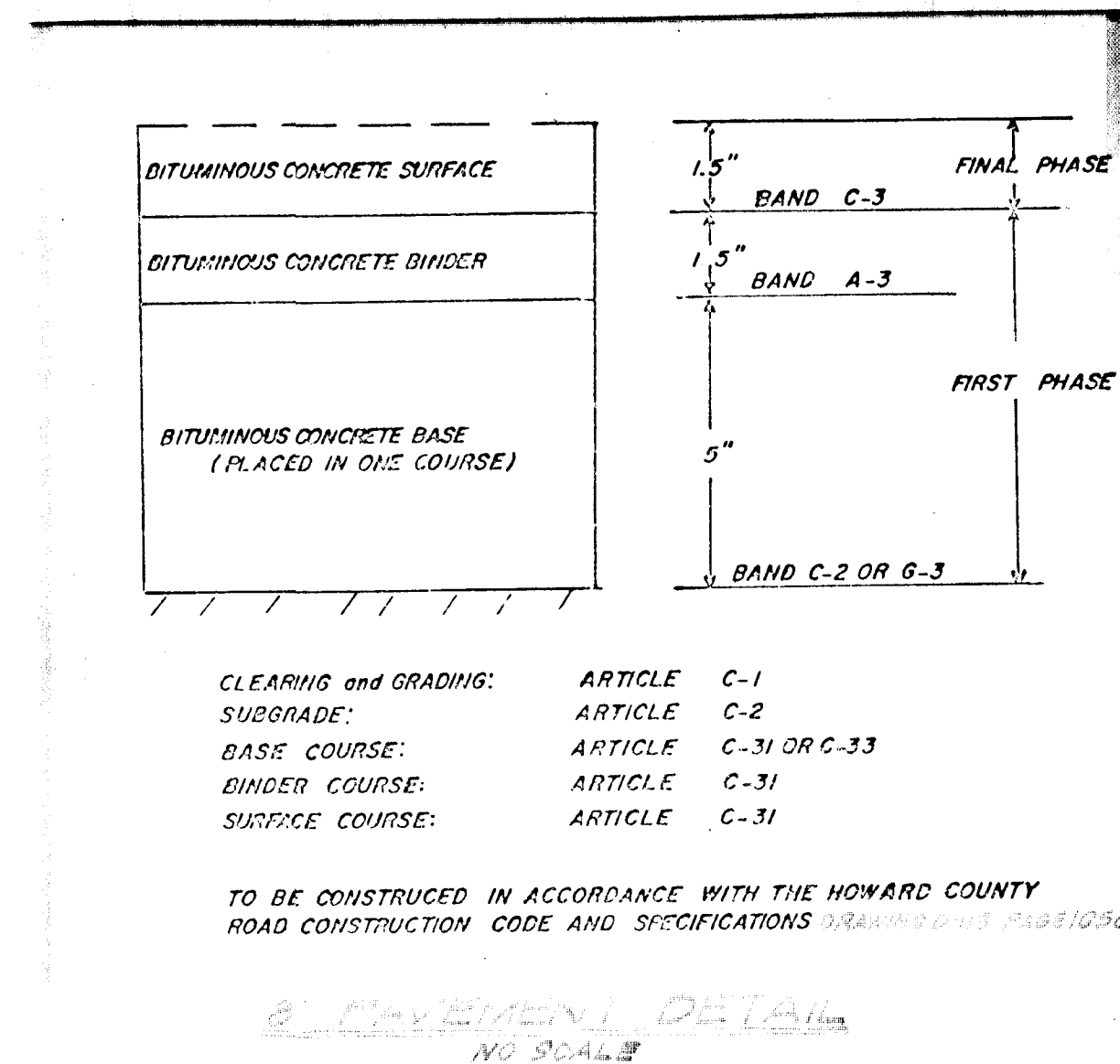
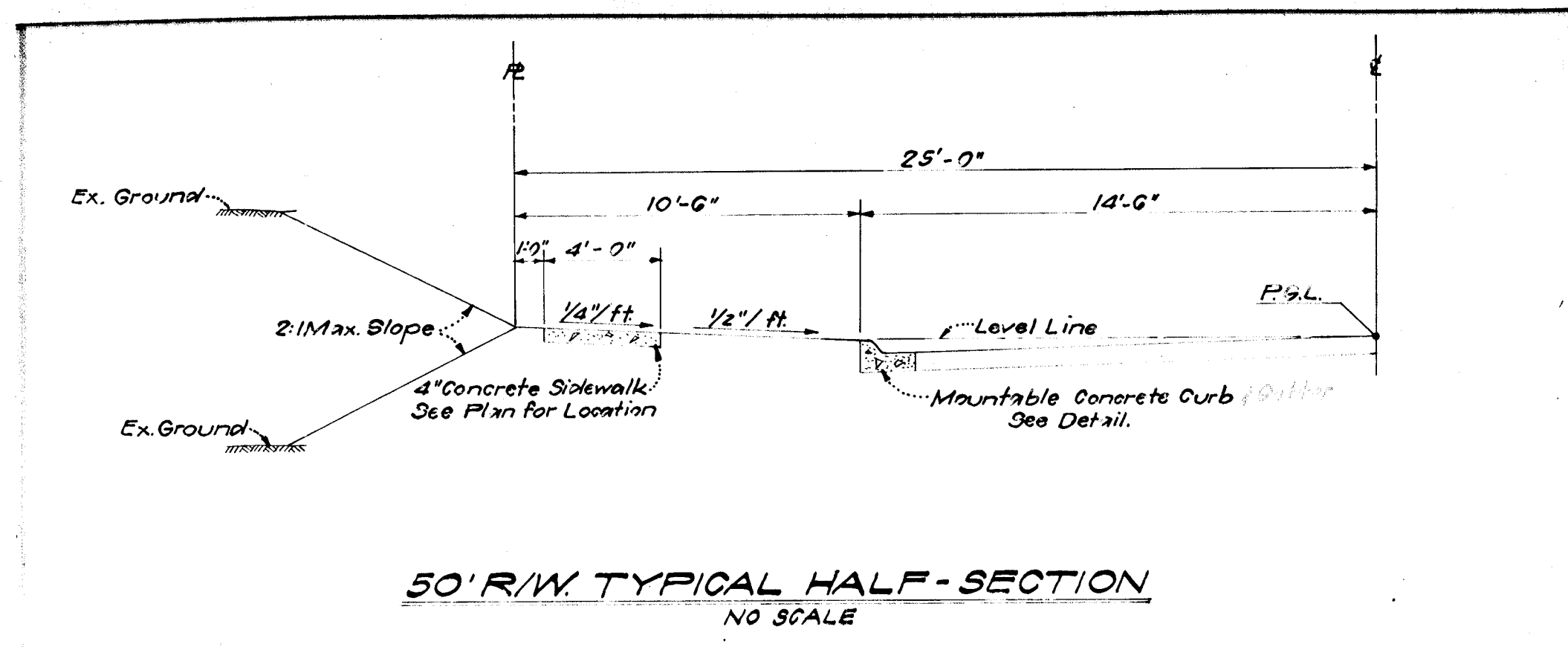
DATE: 3/2/69

PROJECT TITLE: VILLAGE OF OAKLAND MILLS SECTION 5, STEVENS FOREST, SHEET 1

**ROADWAY DETAILS**

BY: B.J.B. As Shown 11 of 12  
DATE: Nov. 15, 1968





APPROVED  
PLANNING COMMISSION  
DATE 2/6/69  
J. J. [Signature]

**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**

PROJECT TITLE: **ROADWAY DESIGN**

Des By	Scale	Dwg No
Dwn By	Date	C.C.F. No
Chk By	Approved	

SHEET 1-15  
GREENHORNE AND O'MARA, INC.  
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