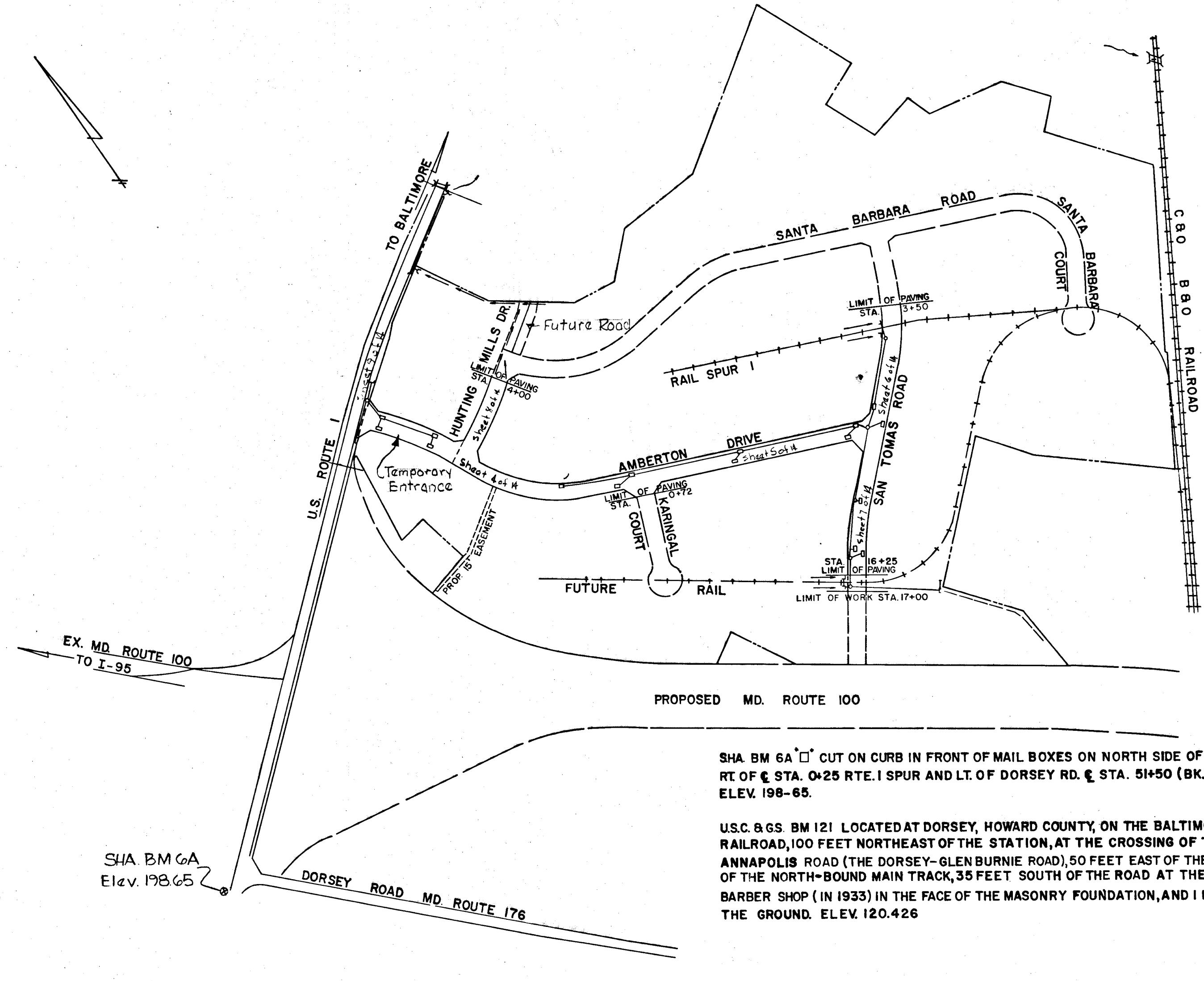
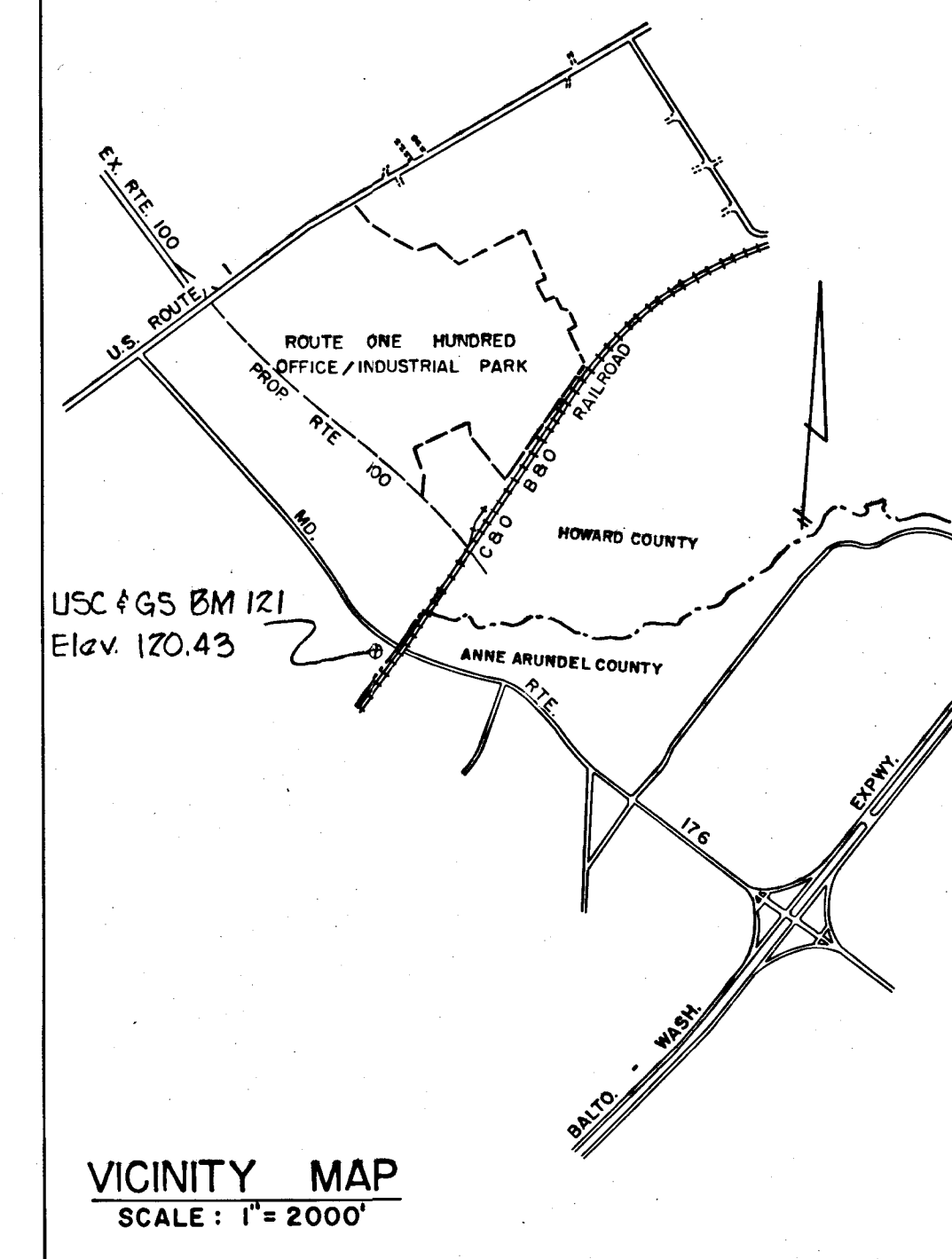


**GENERAL NOTES**

1. Horizontal Control - This project is oriented to conform to the Maryland Grid System.
2. Vertical Control - USC & GS BM 121 Elev. 120.246 and SHA BM 6A Elev. 198.65 as noted on the Location Plan.
3. Specifications - Specifications for this project include the State Highway Administration Specifications for Materials, Highways, Bridges and Incidental Structures dated March 1968 and the Road Construction Code of Howard County. All revisions thereof and additions thereto and the Special Provisions.
4. Storm Drains shall be all one option. No combinations of drains other than those shown on the Contract Documents shall be allowed.
5. Invert Elevation - All Storm Drain Elevations show are Invert  $\odot$  Elevations. All pipes, ditches and flumes will be constructed on a uniform grade between invert elevations noted on the plans and are subject to field modification by the Engineer.
6. The bid line for the storm drain shall be top of subgrade of the road. All roads will be notched to subgrade by others. Where the storm drain is not within the road right of way the bid line shall be proposed ground.
7. Selected Backfill - Selected backfill maybe placed under drainage pipes if directed by the Engineer, an allowance for Selected Backfill has been made in the proposal quantities.
8. Underground Utilities - The location of underground utilities shown on the plan are for information only the contractor will be responsible to locate these utilities and will notify all Utility Companies prior to construction.
9. For Sediment and Erosion Control Details see Standard No. MD-388-11, Standard No. MD-389-11 and Standard No. MD-201.04 and Standard No. MD-389-21.
10. For Ditch Details see Standard No. MD-201.04 & Standard No. MD-389-07.
11. The ground line at the road shall be top of subgrade. All roads shall be notched by others. The existing ground line is as shown is for reference only.
12. Design Speed: 35 M.P.H. ; Posted Speed 25 M.P.H.



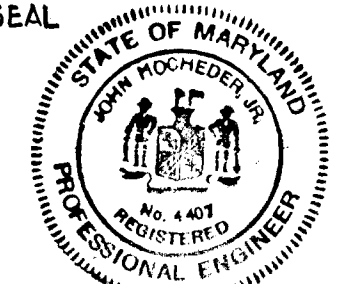
SHA BM 6A  $\square$  CUT ON CURB IN FRONT OF MAIL BOXES ON NORTH SIDE OF U.S. ROUTE 1 RT OF STA. 0+25 RTE. 1 SPUR AND LT. OF DORSEY RD. STA. 5+50 (BK. 14427 P. 6.) ELEV. 198-65.

U.S.C. & G.S. BM 121 LOCATED AT DORSEY, HOWARD COUNTY, ON THE BALTIMORE & OHIO RAILROAD, 100 FEET NORTHEAST OF THE STATION, AT THE CROSSING OF THE OLD ANNAPOLIS ROAD (THE DORSEY-GLEN BURNIE ROAD), 50 FEET EAST OF THE EAST RAIL OF THE NORTH-BOUND MAIN TRACK, 35 FEET SOUTH OF THE ROAD AT THE DORSEY BARBER SHOP (IN 1933) IN THE FACE OF THE MASONRY FOUNDATION, AND 1 FOOT ABOVE THE GROUND. ELEV. 120.426

# ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK ROADS & DRAINS PHASE I

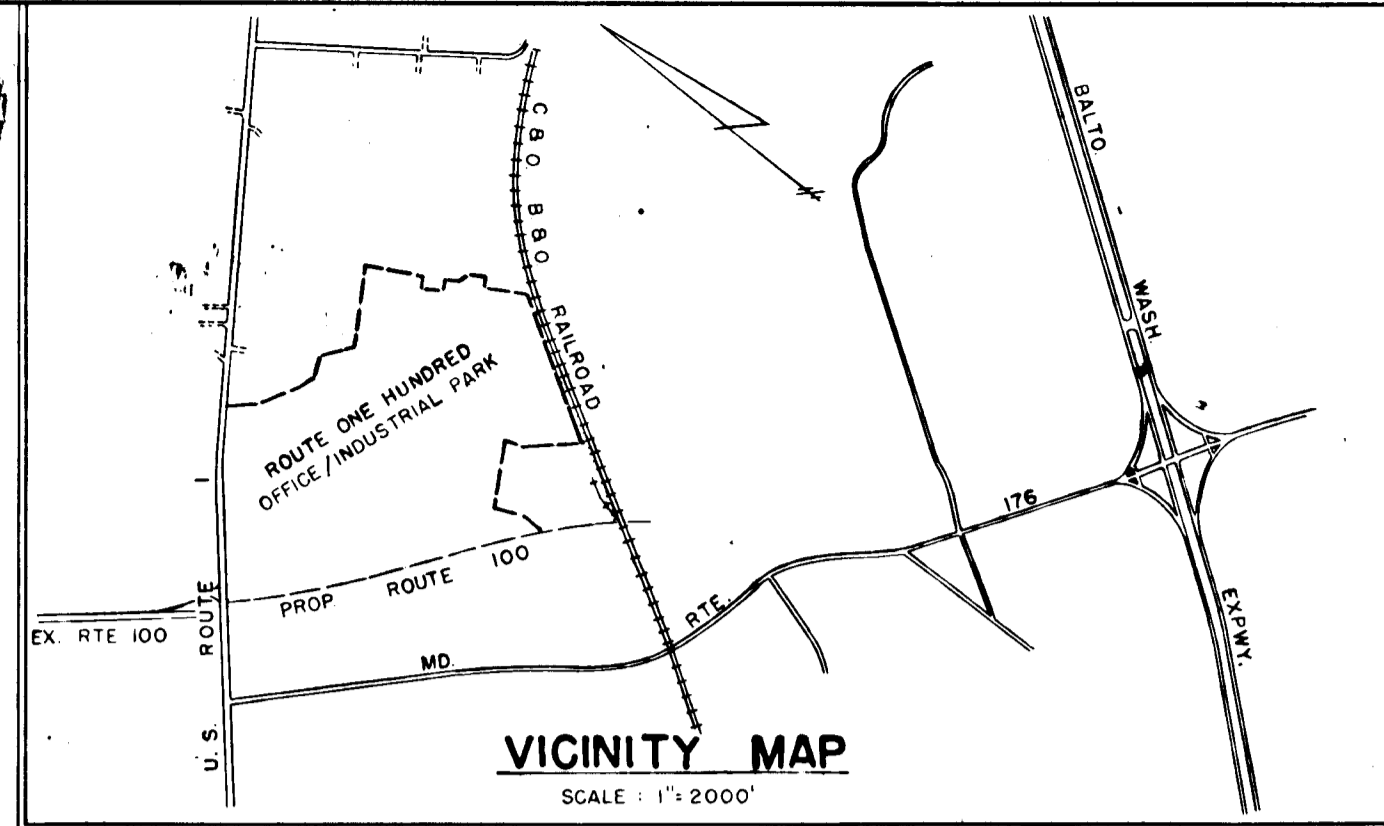
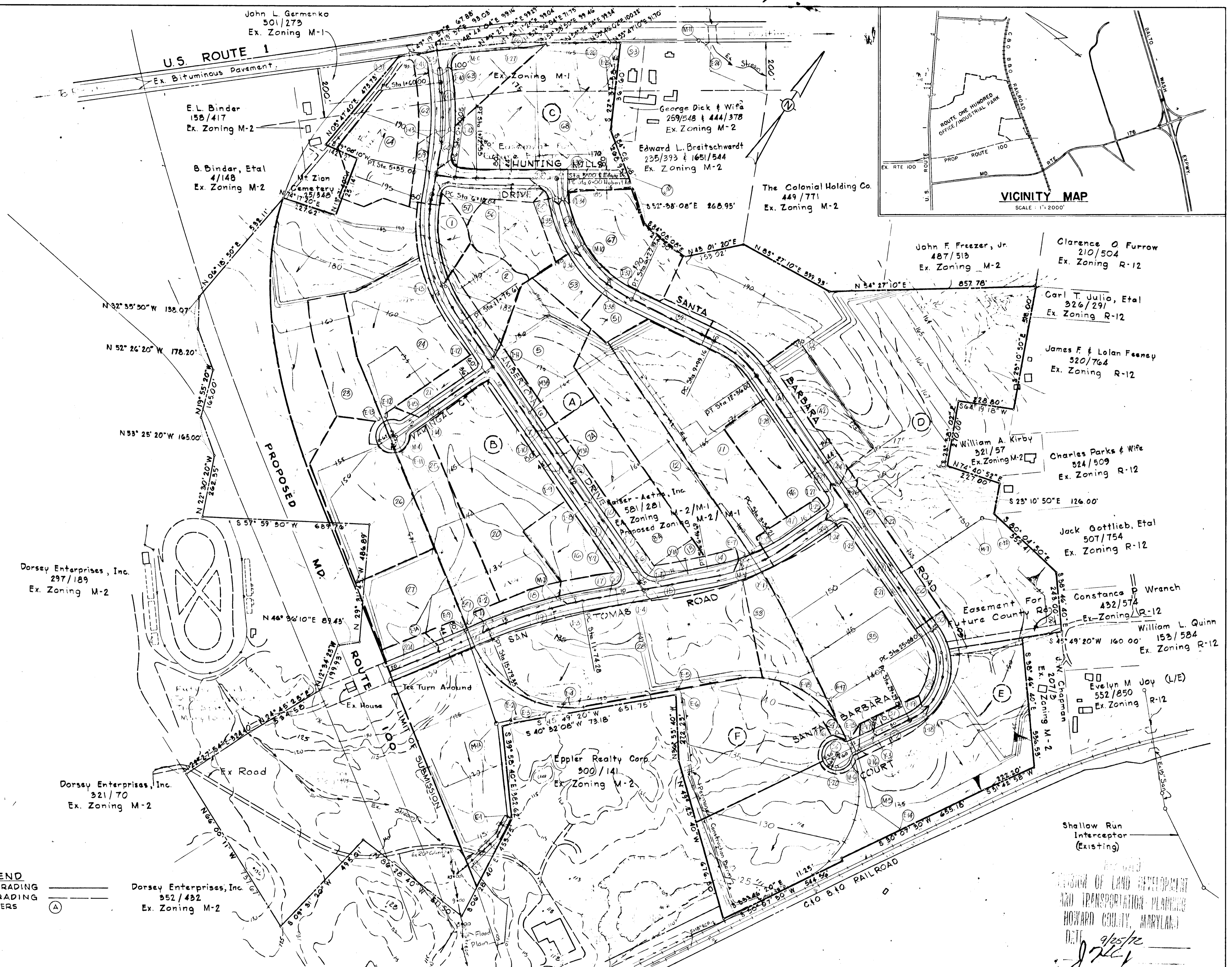
Index of Sheets	
Pg. No.	Description
1	Cover Sheet
2	Typical Road Sections
3	Drainage Area Plan
4	Storm Drain Details
5	Plan & Profile - Amberton Drive Sta. 0+00 - 15+00
6	Plan & Profile - Amberton Drive Sta. 15+00 - 25+28.65
7	Plan & Profile - San Tomas Road Sta. 3+50 - 11+74.20
8	Plan & Profile - San Tomas Road Sta. 11+74.20 - 17+00
9	Plan & Profile - Hunting Mills Road
10	Plan & Profile - U.S. Rte 1
11	Storm Drain Profiles
12	Storm Drain Profiles

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE: 9/25/72  
*J.H.C.*

DESIGNED: A.G.	SEAL 	G.W. STEPHENS JR. & ASSOC. ENGINEER <i>G.W.S.</i> DATE: <u>9/24/72</u> LIC. NO. 4407	GEORGE W. STEPHENS JR. & ASSOC. CONSULTING ENGINEERS 303 ALLEGHENY AVE. TOWSON, MD 21204	OWNER & DEVELOPER KAISER ~ AETNA 2 Hopkins Plaza Baltimore, Maryland	OFFICE OF PLANNING & ZONING CHIEF, DIV. OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING <i>J.H.C.</i> DATE: <u>10-3-72</u>	DEPARTMENT OF PUBLIC WORKS CHIEF, BUREAU OF HIGHWAYS <i>G.H. M...</i> DATE: <u>10/6/72</u>	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING ROUTE ONE HUNDRED OFFICE / INDUSTRIAL PARK ROADS AND STORM DRAINS - PHASE I DATE: June 26, 1972 Howard County, Maryland Election District No. 1	DATE: _____ REVISIONS: _____ BY: _____	Sheet No 1 of 12 Drawing No. Contract No. FILE F-73-04
----------------	---	--	---	---	--	---	---	--	---



AREA NO.	AREA IN ACRES	"C"	AREA NO.	AREA IN ACRES	"C"	AREA NO.	AREA IN ACRES	"C"
1	1.05	0.83	23	2.20	0.80	46	1.74	0.80
2	1.47	0.80	24	4.20	0.80	47	0.69	0.84
3	0.74	0.84	25	2.89	0.80	48	0.37	0.89
4	0.55	0.90	26	4.70	0.80	49	0.92	0.86
5	2.98	0.80	27	1.30	0.80	50	0.37	0.84
6	0.78	0.84	28	9.0	0.80	51	1.10	0.83
7	0.74	0.85	29	0.50	0.87	52	0.55	0.87
8	0.78	0.84	30	0.74	0.85	53	0.92	0.82
9	0.64	0.85	31	0.37	0.84	54	0.41	0.87
10	0.74	0.84	32	0.50	0.85	55	0.55	0.83
11	6.90	0.80	33	1.75	0.80	56	1.79	0.80
12	3.50	0.80	34	0.23	0.50	57	1.10	0.84
13	0.16	0.80	35	7.15	0.80	58	0.74	0.90
14	0.80	0.84	36	0.50	0.85	59	0.64	0.85
15	0.75	0.88				60	0.18	0.90
16	1.56	0.80				61	0.32	0.90
17	0.80	0.85				62	0.40	0.85
18	0.74	0.84				63	1.20	0.80
19	1.30	0.88	41	0.82	0.85	64	3.12	0.80
20	6.10	0.80	42	1.84	0.80	65	0.37	0.84
20A	0.45	0.84	43	0.96	0.88	66	0.80	0.88
21	0.74	0.84	44	0.64	0.85	67	2.34	0.80
22	0.90	0.88	45	0.90	0.84	68	6.20	0.80
7A	1.62	0.80						
8A	1.20	0.80						



ENGINEER'S CERTIFICATE  
 I certify that the plan is a true and correct copy of the original as shown to me by the owner and that it conforms to the requirements of the laws of the State of Maryland.  
 Charles E. Leck 4/13/72

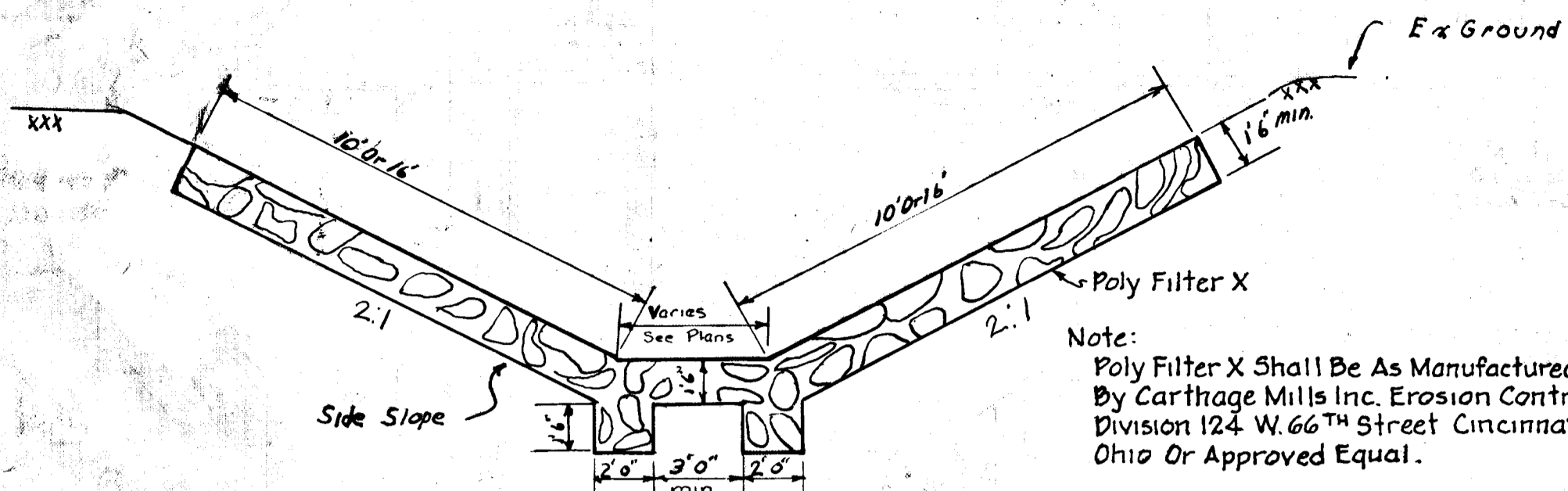
LEGEND  
 PROPOSED GRADING  
 EXISTING GRADING  
 BLOCK NUMBERS

Dorsey Enterprises, Inc.  
 552/432  
 Ex. Zoning M-2

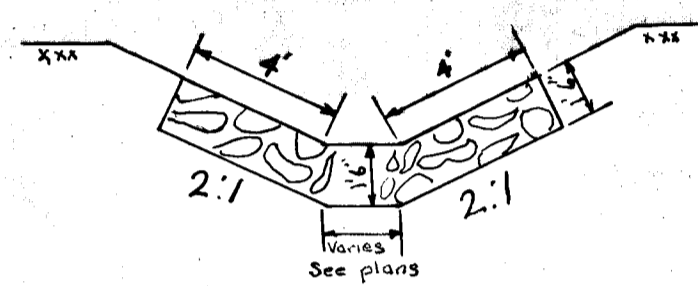
Shallow Run Interceptor (Existing)  
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 4/25/72  
 J. Kelly

A.G. Designed		ENGINEER		OWNER AND DEVELOPER		DRAINAGE AREA PLAN		REVISIONS		Sheet 3 of 2	
D.L. Drawn		GEORGE W. STEPHENS, JR. AND ASSOCIATES, INC. TOWSON, MD. 21204		KAISER AETNA Suite 2012 2 Hopkins Plaza Mercantile Bank & Trust Bldg. Baltimore, Maryland 21201		ROUTE ONE HUNDRED OFFICE / INDUSTRIAL PARK Scale: 1" = 200' 29 March 1972		Date	Description	By	Drawing No.
A.G. Checked		Charles E. Leck 504B 4/13/72 Prof. Engr. Reg. Date				Howard County, Maryland Election District 1					Contract No.

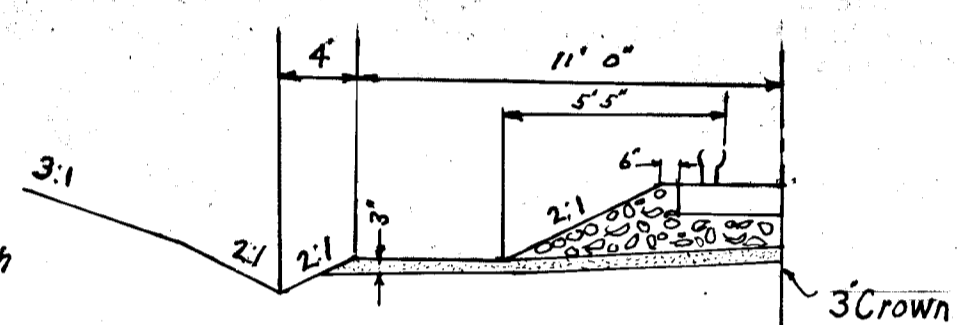
Rip-Rap to consist of dense locks of random shapes and sizes resistant to the action of air and water suitable for bank protection. All rocks shall weigh a minimum of 150 pounds



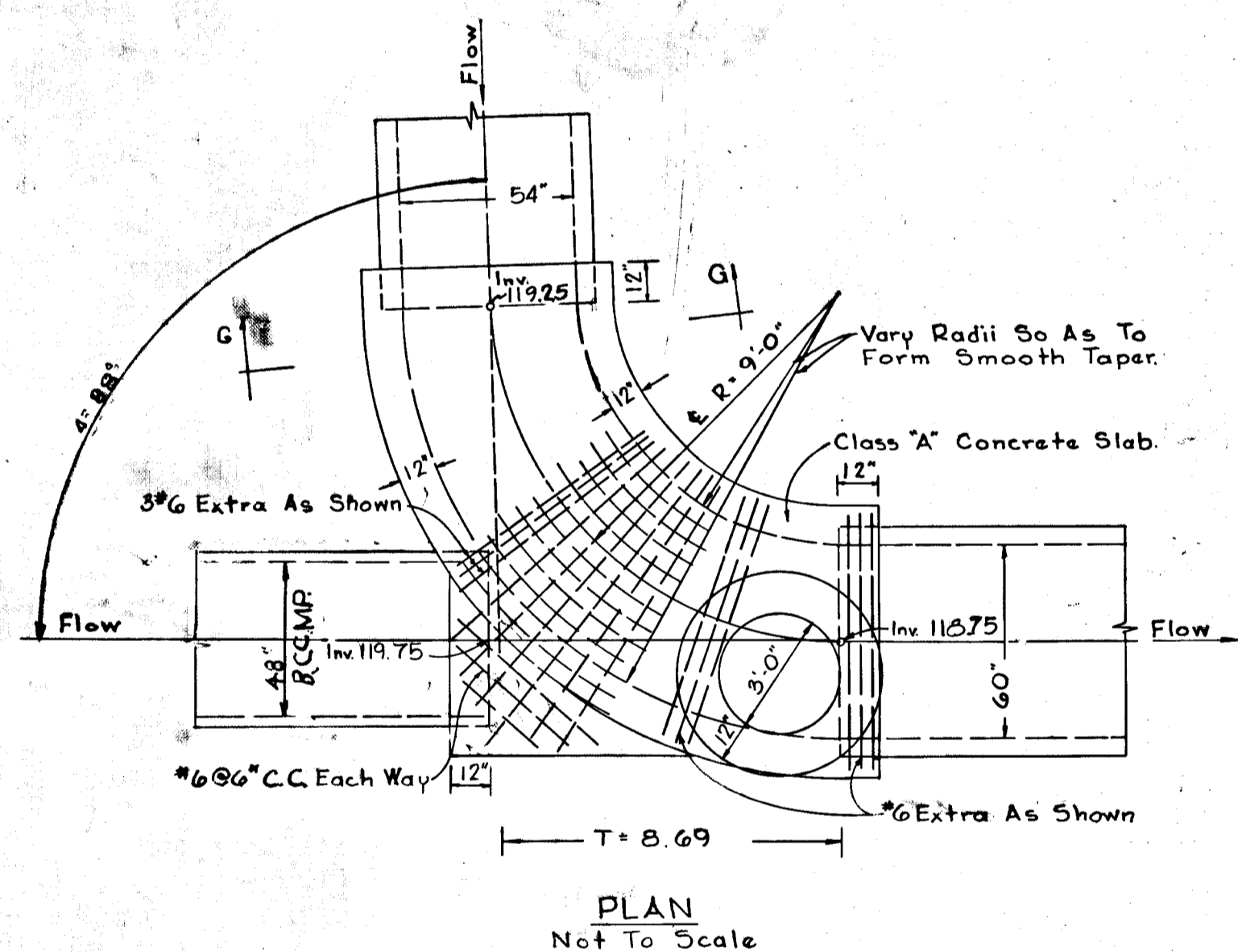
Ungrouted Rip-Rap Side Ditch Storm Drain Outfalls



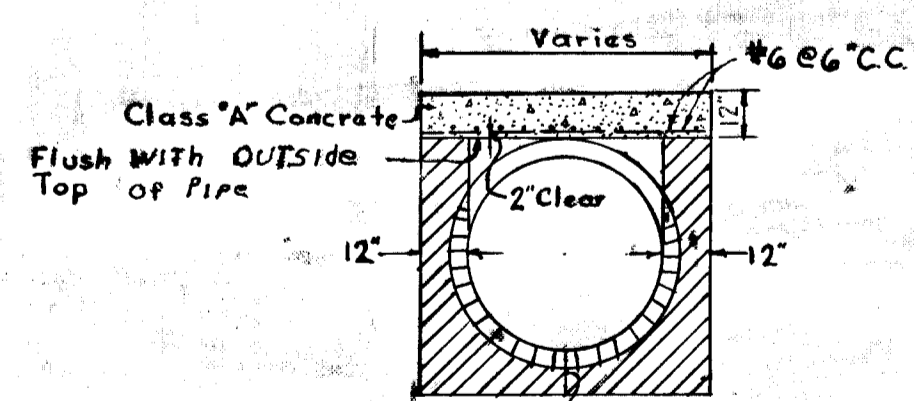
Ungrouted Rip-Rap Side Ditch Along U.S. Route 1 North



Typical Railroad Side Ditch Not to Scale



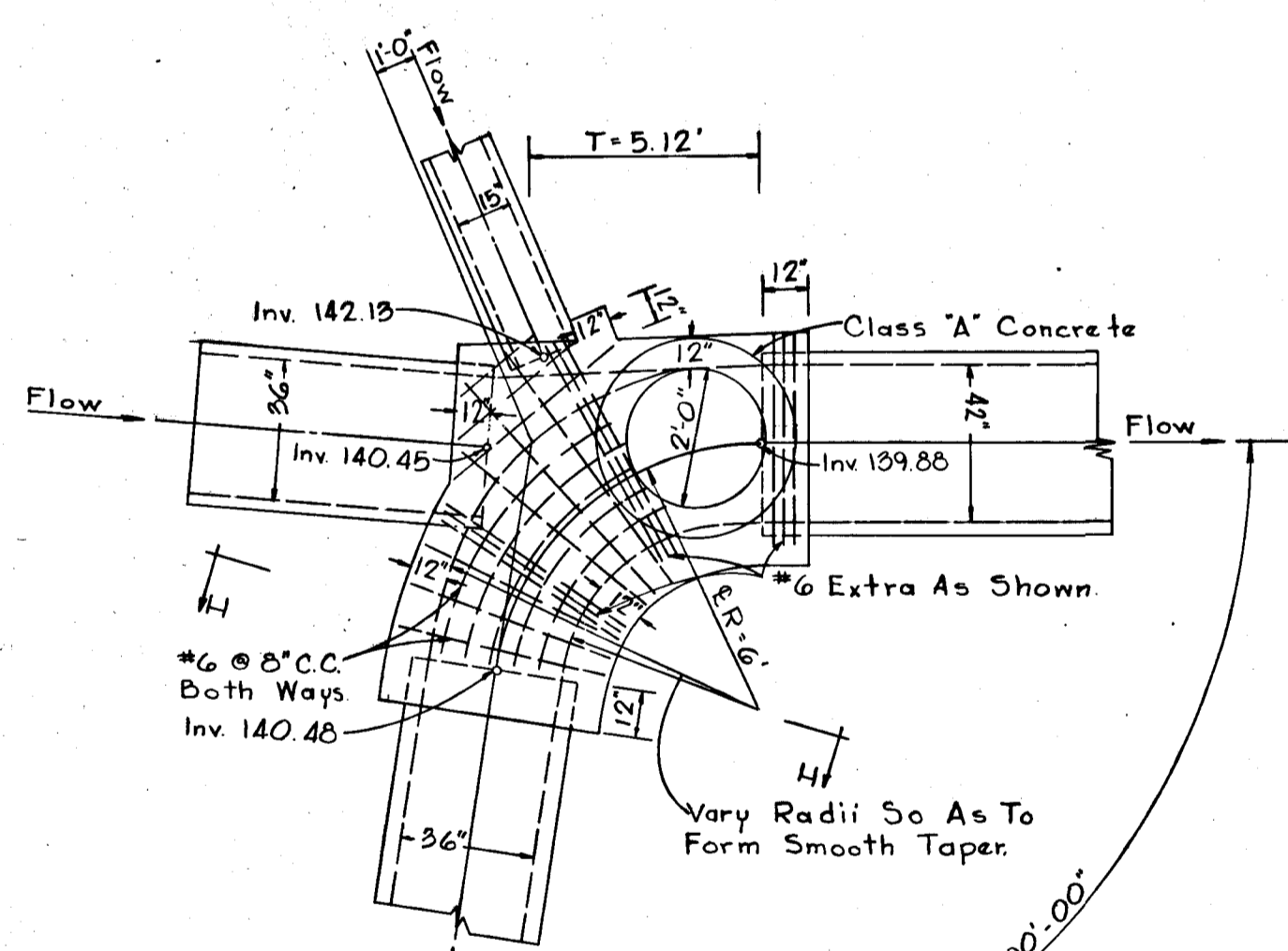
PLAN Not To Scale



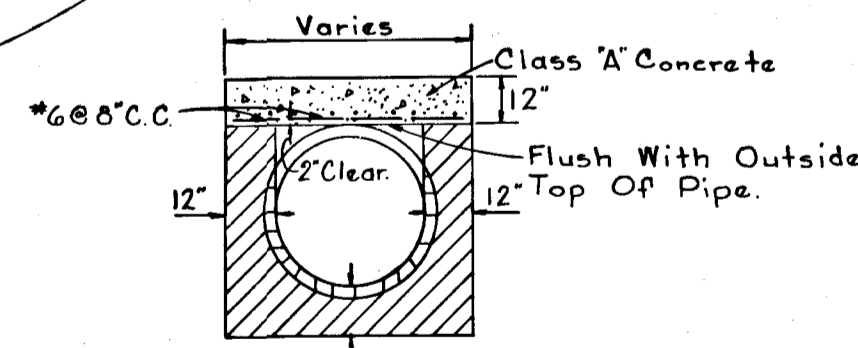
SECTION G-G Not To Scale

JUNCTION CHAMBER S-1

NOTE: For All Junction Chambers Manhole Stack Shall Conform To That Of Type 'C' Manhole. (See This Sheet)

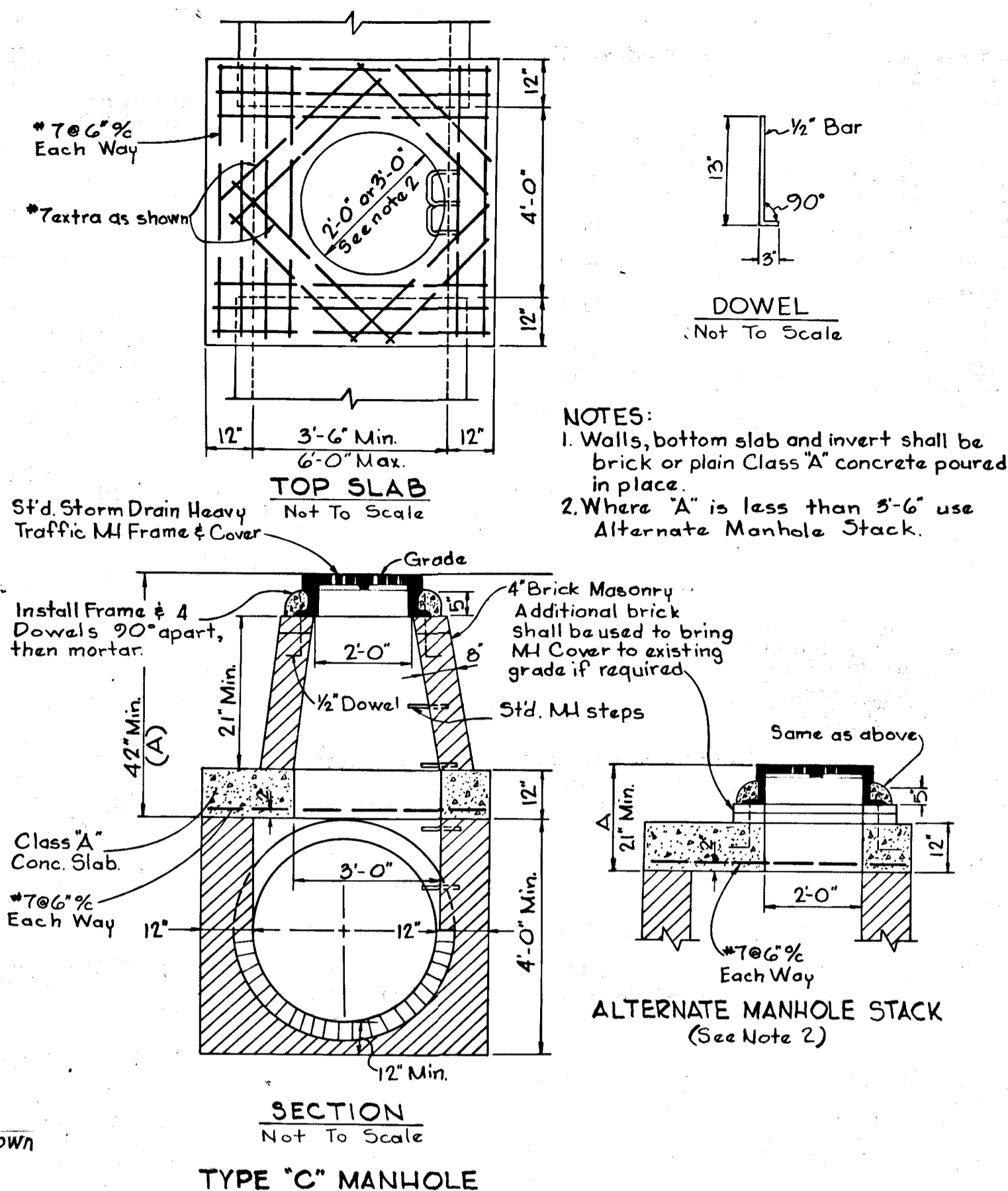


PLAN Not To Scale



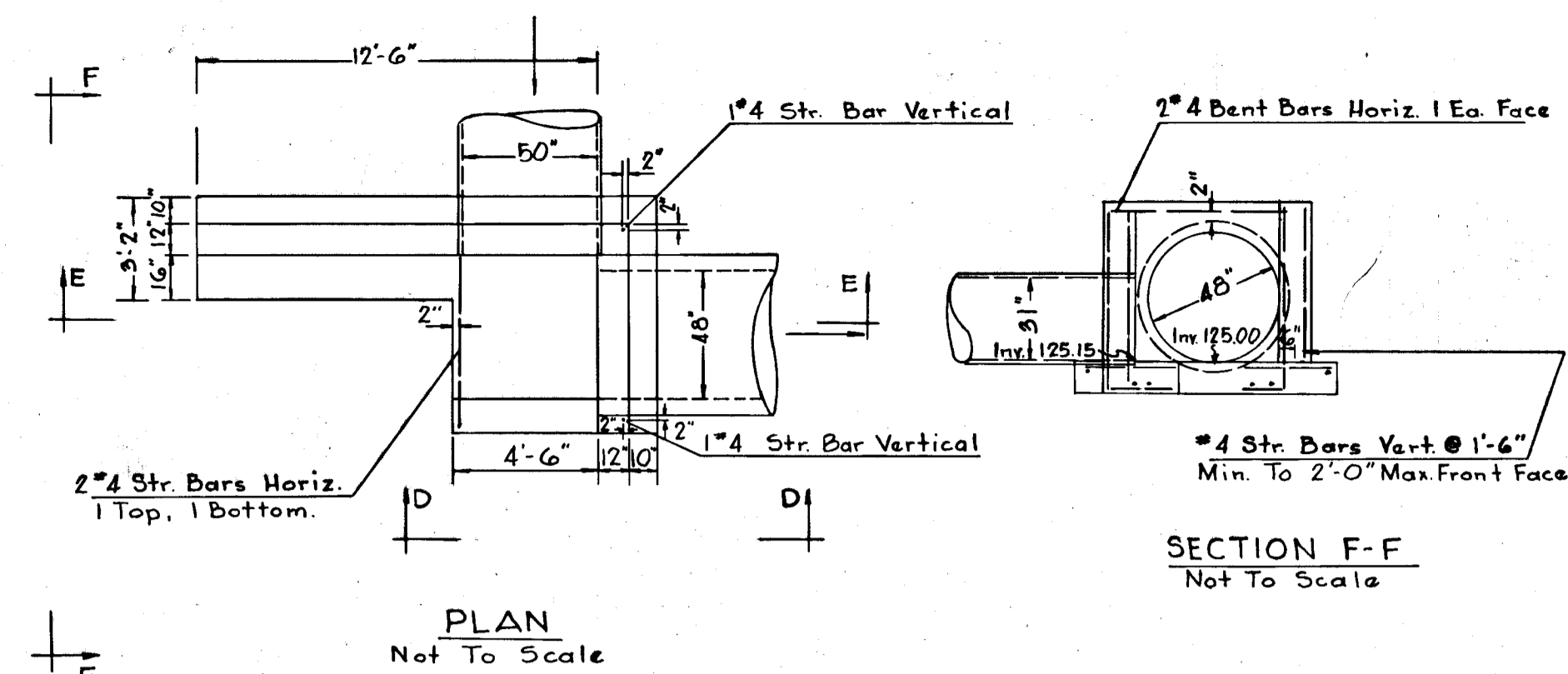
SECTION H-H Not To Scale

JUNCTION CHAMBER S-2



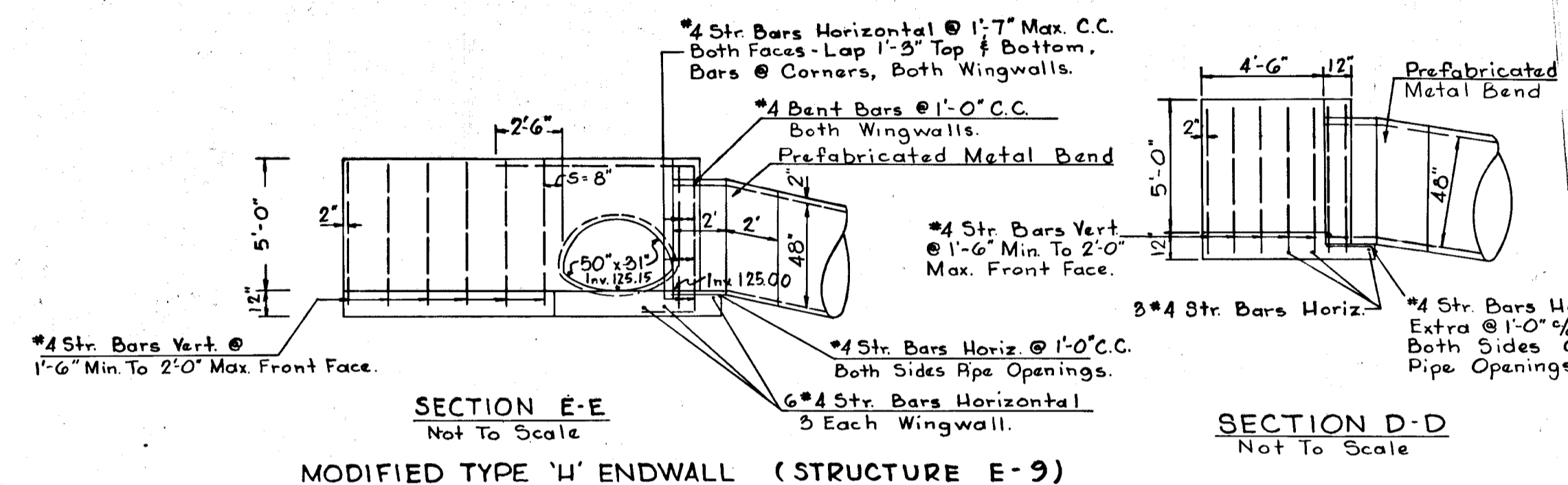
SECTION TYPE 'C' MANHOLE Not To Scale

NOTES:  
1. Walls, bottom slab and invert shall be brick or plain Class 'A' concrete poured in place.  
2. Where 'A' is less than 5'-6" use Alternate Manhole Stack.



PLAN Not To Scale

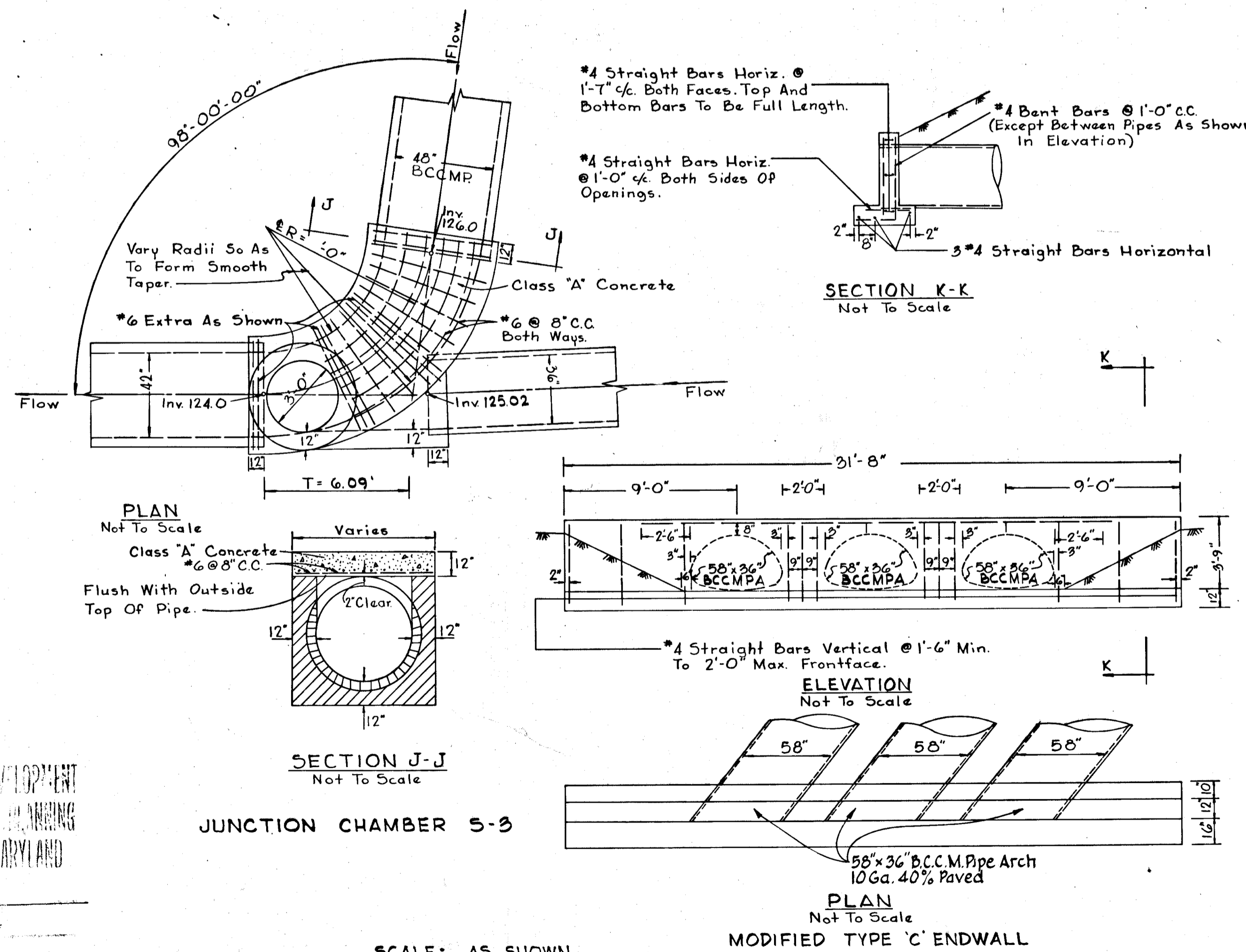
SECTION F-F Not To Scale



SECTION E-E Not To Scale

SECTION D-D Not To Scale

MODIFIED TYPE 'W' ENDWALL (STRUCTURE E-9)



PLAN Not To Scale

SECTION J-J Not To Scale

JUNCTION CHAMBER S-3

SECTION K-K Not To Scale

ELEVATION Not To Scale

PLAN Not To Scale MODIFIED TYPE 'C' ENDWALL

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 9/25/72  
JHE

SCALE: AS SHOWN

DESIGNED T.C.	STATE OF MARYLAND PROFESSIONAL ENGINEER	GW STEPHENS JR & ASSOC.	GEORGE W. STEPHENS & ASSOC. CONSULTING ENGINEERS 303 ALLEGHENY AVE. TOWSON, MD 21204	OWNER & DEVELOPER KAISER - AETNA 2 Hopkins Plaza Baltimore, Maryland	DEPARTMENT OF PUBLIC WORKS CHIEF, BUREAU OF HIGHWAYS J. W. McKeand DATE: 10/6/72	OFFICE OF PLANNING & ZONING CHIEF, DIV. OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	HOWARD COUNTY DEPT. OF PUBLIC WORKS BUREAU OF ENGINEERING ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK STORM DRAIN DETAILS PHASE 1 JUNE 26, 1972 HOWARD COUNTY, MARYLAND ELEC. DIST. NO. 1	DATE	REVISIONS	BY	SHEET NO. 4 OF 12 DRAWING NO. CONTRACT NO. FILE: F-73-04
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FOR PLAN & PROFILE OF US RTE 1  
SEE SHEET NO. 10 OF 12

Curve Data  
of Hunting Mills Dr.  
Dc = 12'-30'-00"  
Δ = 11°-33'-35"  
R = 458.37'  
L = 92.48'  
T = 46.40'  
CH = 92.32'  
N61°05'06"E

FOR PLAN & PROFILE  
OF HUNTING MILLS DRIVE  
SEE SHEET NO. 9 OF 12

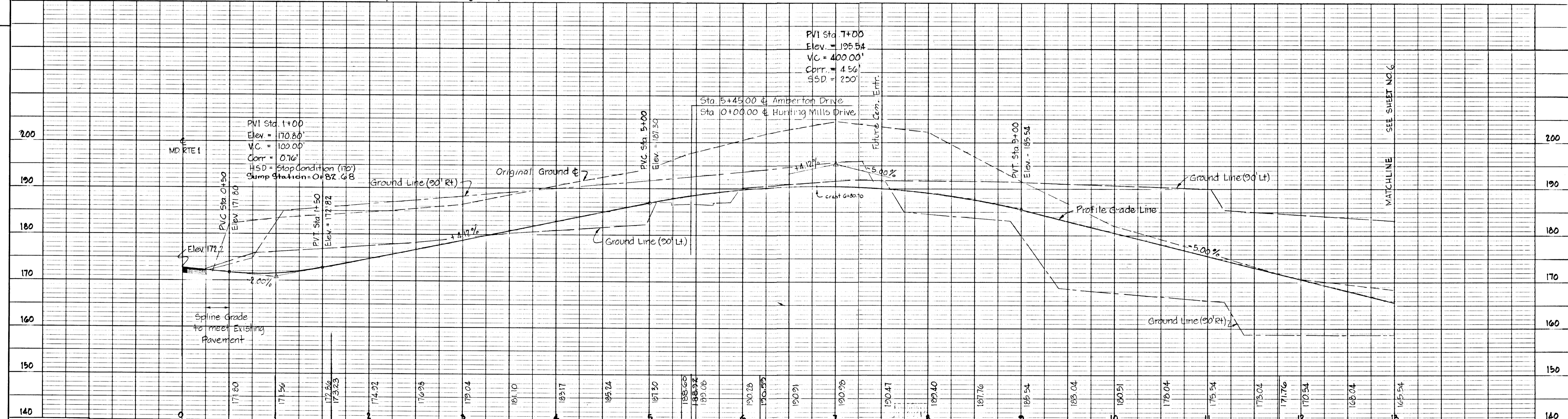
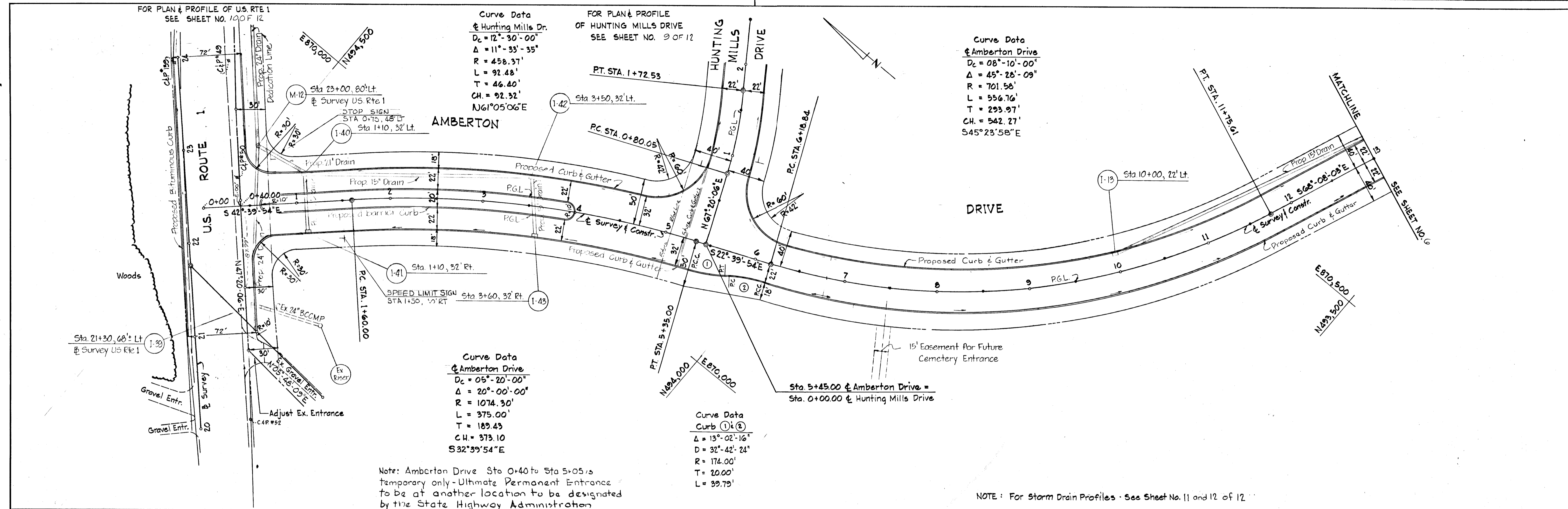
Curve Data  
of Amberton Drive  
Dc = 08'-10'-00"  
Δ = 45°-28'-09"  
R = 701.58'  
L = 556.76'  
T = 293.97'  
CH = 542.27'  
S45°23'58"E

Curve Data  
of Amberton Drive  
Dc = 05'-20'-00"  
Δ = 20°-00'-00"  
R = 1074.30'  
L = 375.00'  
T = 189.43'  
CH = 373.10  
S32°39'54"E

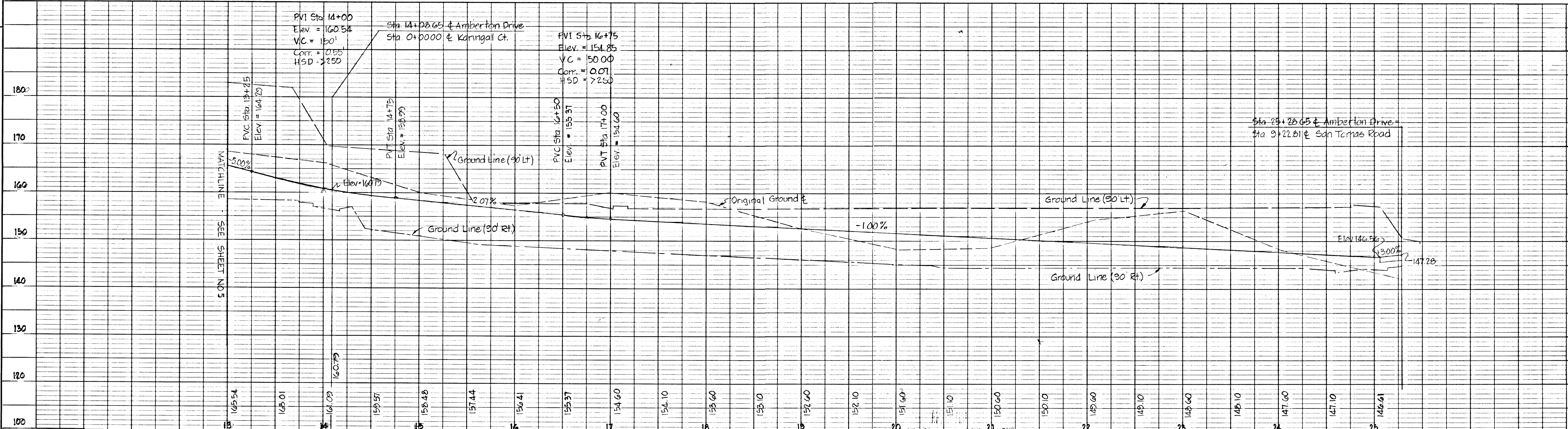
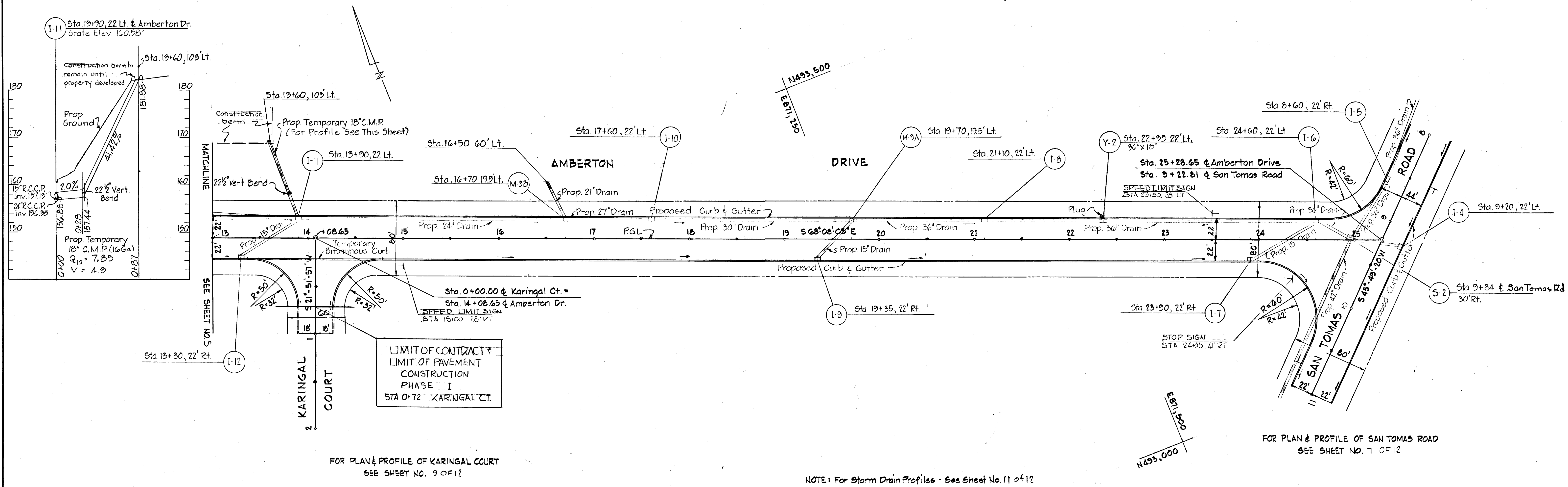
Curve Data  
Curb (1) & (2)  
Δ = 13°-02'-16"  
D = 32'-42'-24"  
R = 174.00'  
T = 20.00'  
L = 39.79'

Note: Amberton Drive Sta 0+40 to Sta 5+05 is temporary only - Ultimate Permanent Entrance to be at another location to be designated by the State Highway Administration

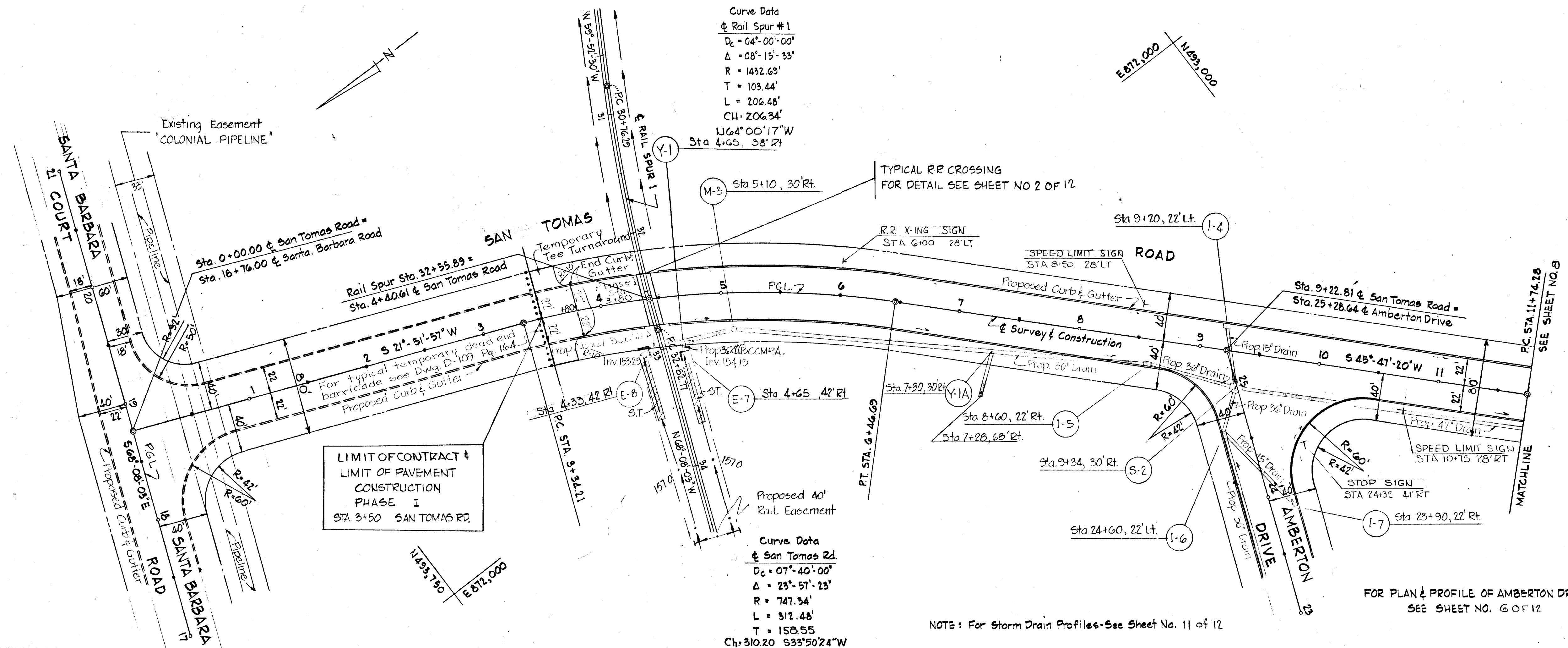
NOTE: For Storm Drain Profiles - See Sheet No. 11 and 12 of 12



	DESIGNED: A.G.	GW STEPHENS JR & ASSOC.	SHA./PERMIT NO.	OFFICE OF PLANNING & ZONING	DEPARTMENT OF PUBLIC WORKS	OWNER & DEVELOPER	SCALE	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING	CONTRACT NO.
	DRAWN: A.S.	ENGINEER: <i>George W. Stephens Jr.</i>	303 ALLEGHENY AVE. TOWSON, MD. 21204	CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	CHIEF BUREAU OF HIGHWAYS	KAISER-AETNA 2 Hopkins Plaza Baltimore, Maryland	1" = 50'	ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK ROADS AND STORM DRAINS PHASE I	SHEET 5 OF 12
CHECKED:	DATE: 7/16/72 LIC. NO. 4407			Date: 10/16/72	DATE: 9/8/72		PROFILE: HOR. 1" = 50' VERT. 1" = 10'	June 26, 1972 Howard County, Maryland	FILE:

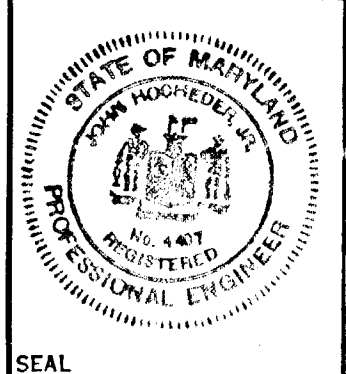
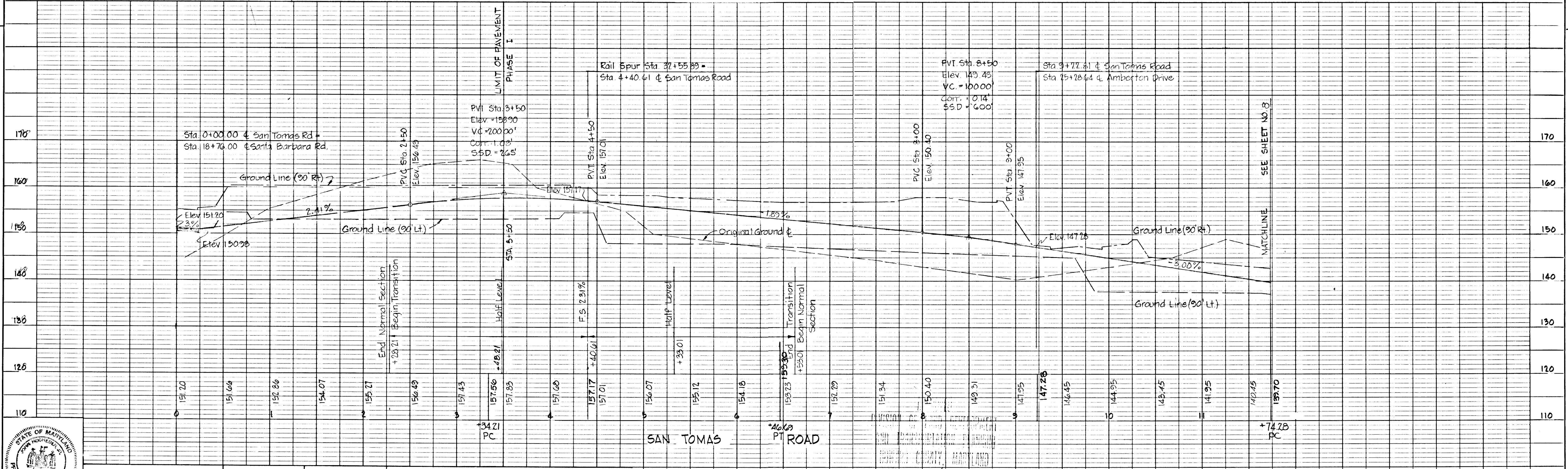


DESIGNED A.G.	G.W. STEPHENS JR. & ASSOC.	OFFICE OF PLANNING & ZONING	DEPARTMENT OF PUBLIC WORKS	OWNER & DEVELOPER	SCALE	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING	SHEET 6 OF 12
DRAWN A.S.	ENGINEER	CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	CHIEF BUREAU OF HIGHWAYS	KAISER - AETNA 2 Hopkins Plaza Baltimore, Maryland	PLAN: 1" = 50' PROFILE: HOR. 1" = 50' VERT. 1" = 10'	ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK ROADS AND STORM DRAINS - PHASE I June 26, 1972 Howard County, Maryland	DWG. NO.
CHECKED	DATE: 9/26/72 LIC. NO. 4407	Date:	DATE: 10/6/72			EL. DISTRICT NO. 1	FILE:



NOTE: For Storm Drain Profiles-See Sheet No. 11 of 12

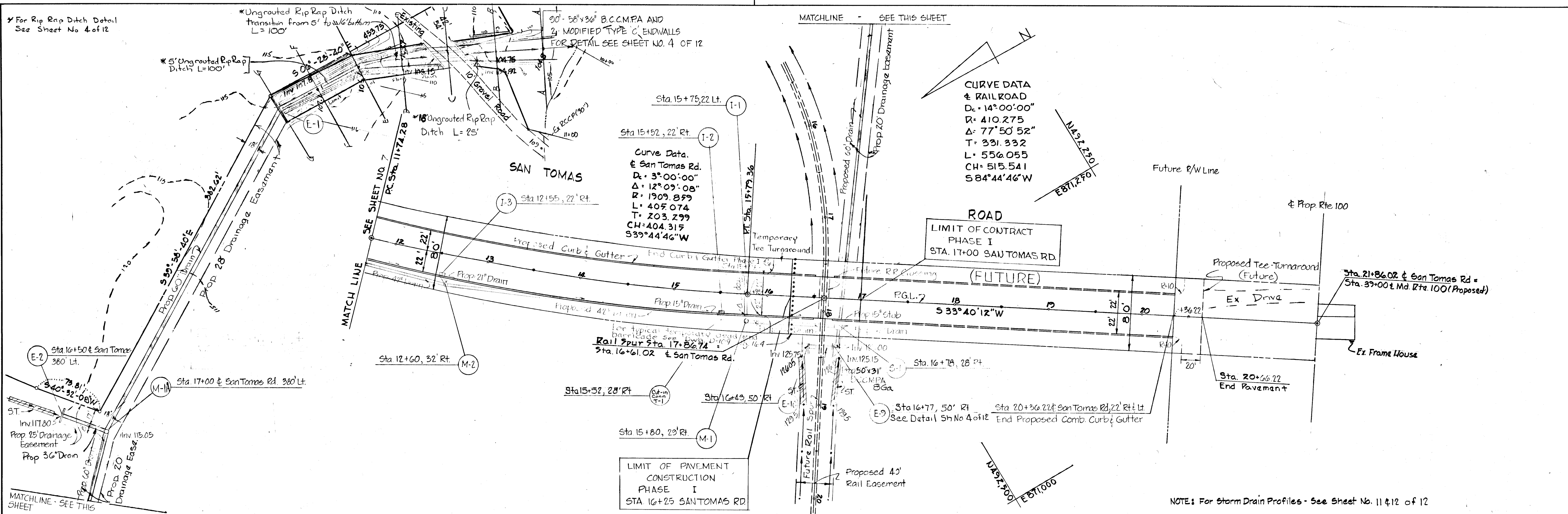
FOR PLAN & PROFILE OF AMBERTON DRIVE  
SEE SHEET NO. 6 OF 12



DESIGNED: A.G.	GW STEPHENS JR. & ASSOC.	S.H.A. PERMIT NO.	OFFICE OF PLANNING & ZONING	DEPARTMENT OF PUBLIC WORKS	OWNER & DEVELOPER	SCALE	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING	SHEET 7 OF 12
DRAWN: A.S.	ENGINEER: <i>George W. Stephens Jr.</i>	303 ALLEGHENY AVE. TOWSON, MD. 21204	CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	CHIEF, BUREAU OF HIGHWAYS	KAISER-AETNA 2 Hopkins Plaza Baltimore, Maryland	PLAN: 1" = 50' PROFILE: HOR. 1" = 50' VERT. 1" = 10'	ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK ROADS AND STORM DRAINS PHASE I Howard County, Maryland	DWG. NO.
CHECKED:	DATE: 6/12/72 LIC. NO. 4407		Date:	10/6/72 DATE:			EL. DISTRICT NO. 1	FILE:

\* For Rip Rap Ditch Detail See Sheet No. 4 of 12

\* Ungrouted Rip Rap Ditch transition from 5' to 16' bottom L=100'



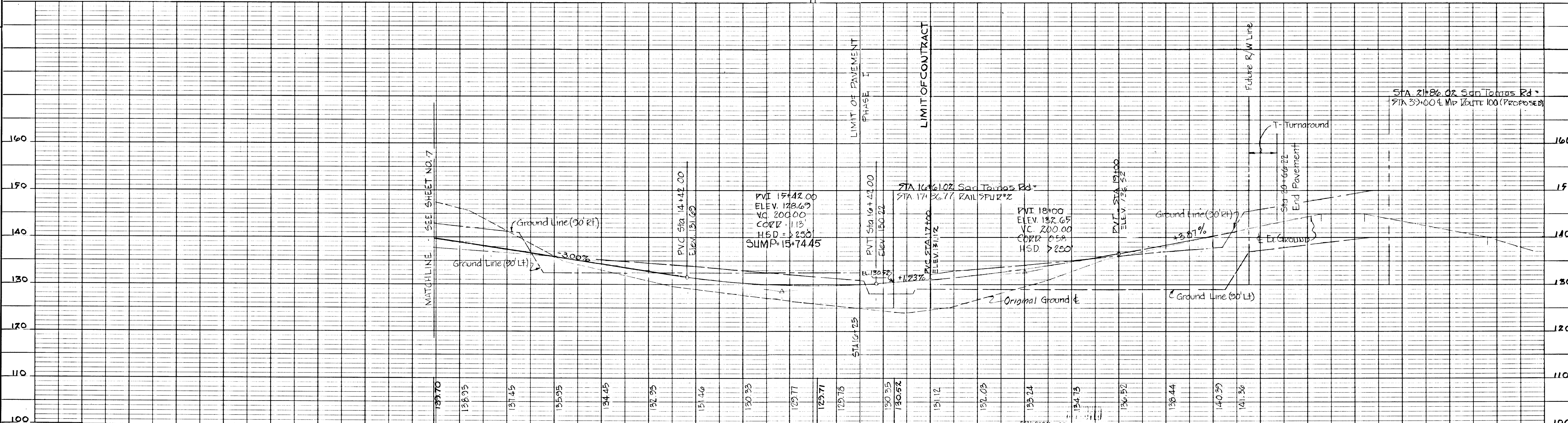
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 R = 410.275  
 Δ = 77°50'52"  
 T = 331.332  
 L = 556.055  
 CH = 515.541  
 S84°44'46"W

**Curve Data**  
 @ San Tomas Rd.  
 Dc = 3°00'00"  
 R = 12°09'08"  
 Δ = 1909.859  
 L = 405.074  
 T = 203.299  
 CH = 404.315  
 S39°44'46"W

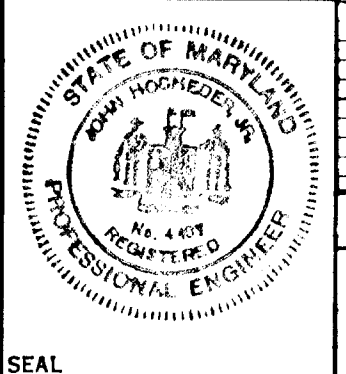
**ROAD**  
 LIMIT OF CONTRACT  
 PHASE I  
 STA. 17+00 SAN TOMAS RD.

**LIMIT OF PAVEMENT CONSTRUCTION PHASE I**  
 STA 16+25 SANTOMAS RD

NOTE: For Storm Drain Profiles - See Sheet No. 11 & 12 of 12



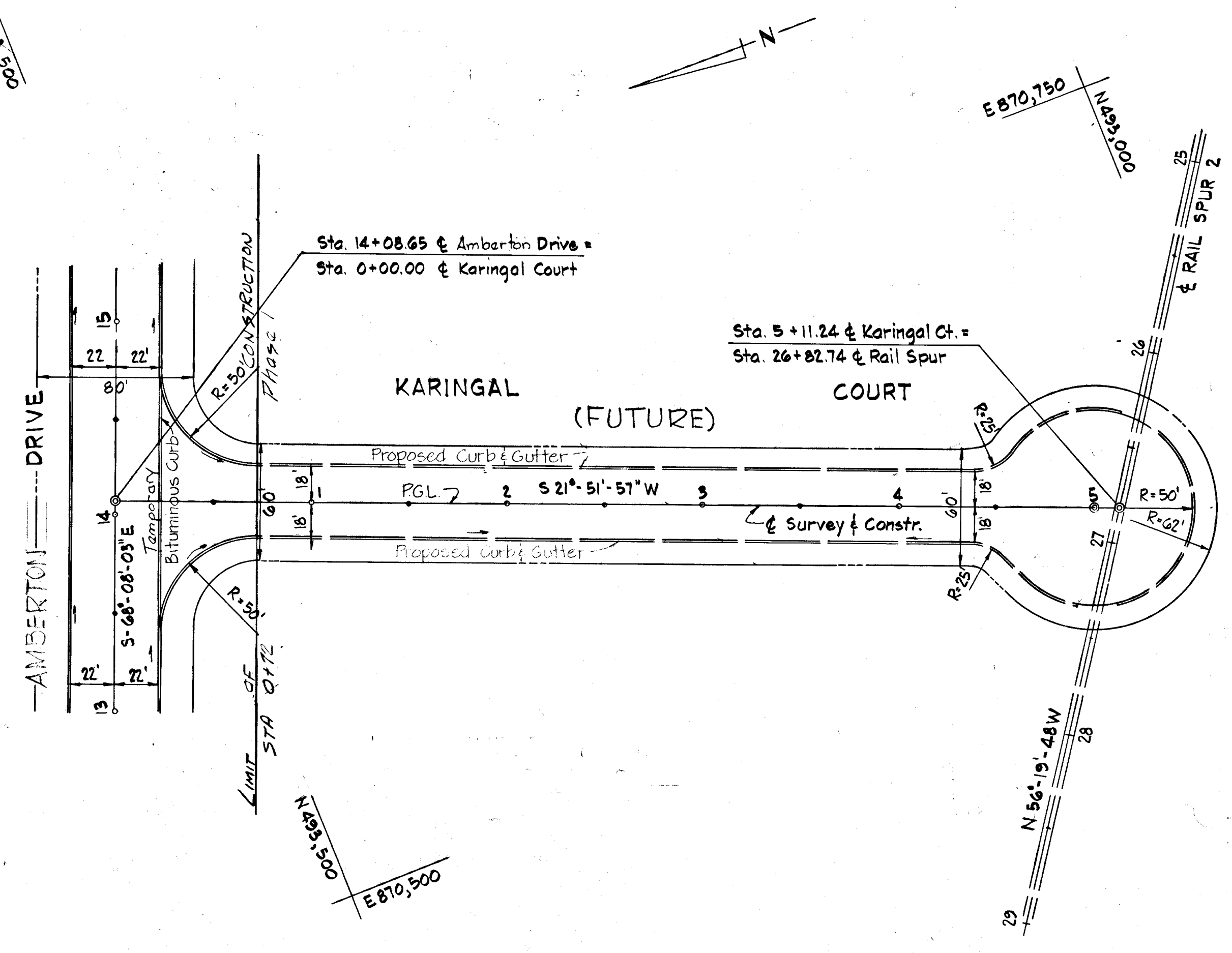
12+00	12+25	12+50	13+00	13+25	13+50	14+00	14+25	14+50	15+00	15+25	15+50	16+00	16+25	16+50	17+00	17+25	17+50	18+00	18+25	18+50	19+00	19+25	19+50	20+00	20+25	20+50	21+00	21+25	21+50	22+00	22+25	22+50	23+00
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------



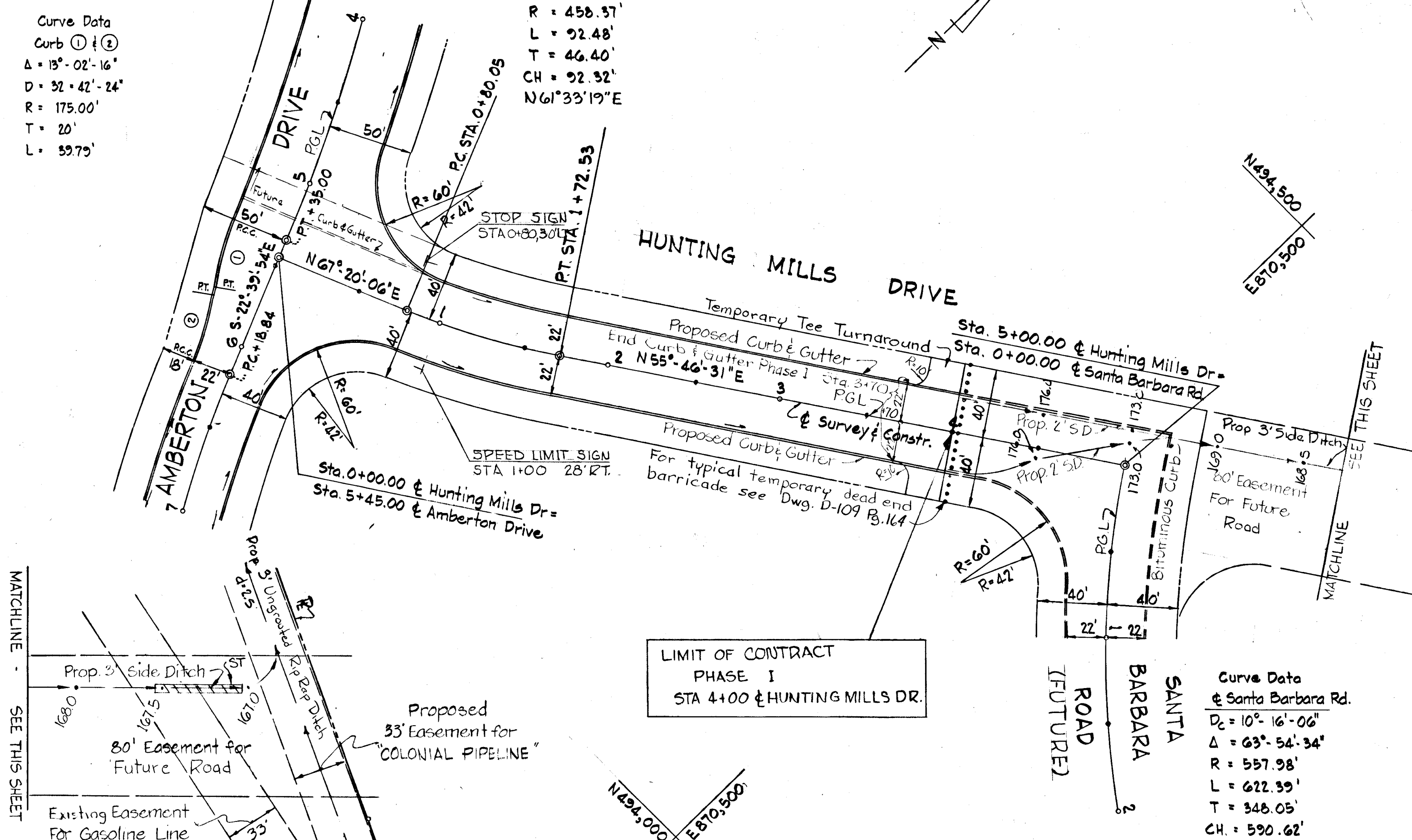
DESIGNED BY: G.W. STEPHENS JR. & ASSOC.	S.H.A. PERMIT NO.	OFFICE OF PLANNING & ZONING	DEPARTMENT OF PUBLIC WORKS	OWNER & DEVELOPER	DATE	REVISION	BY	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING	SHEET 8 OF 12
ENGINEER: G.W. STEPHENS JR.		CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	CHIEF, BUREAU OF HIGHWAYS	KAISER - AETNA 2 Hopkins Plaza Baltimore, Maryland	12/26/72			ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK ROADS AND STORM DRAIN (PHASE I) Howard County, Maryland	DWG. NO.
CHECKED: [Signature]								EL. DISTRICT NO. 1	FILE:



E 871,000  
N 493,500



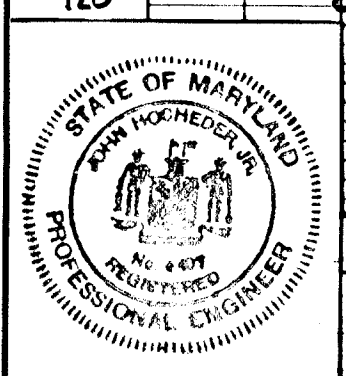
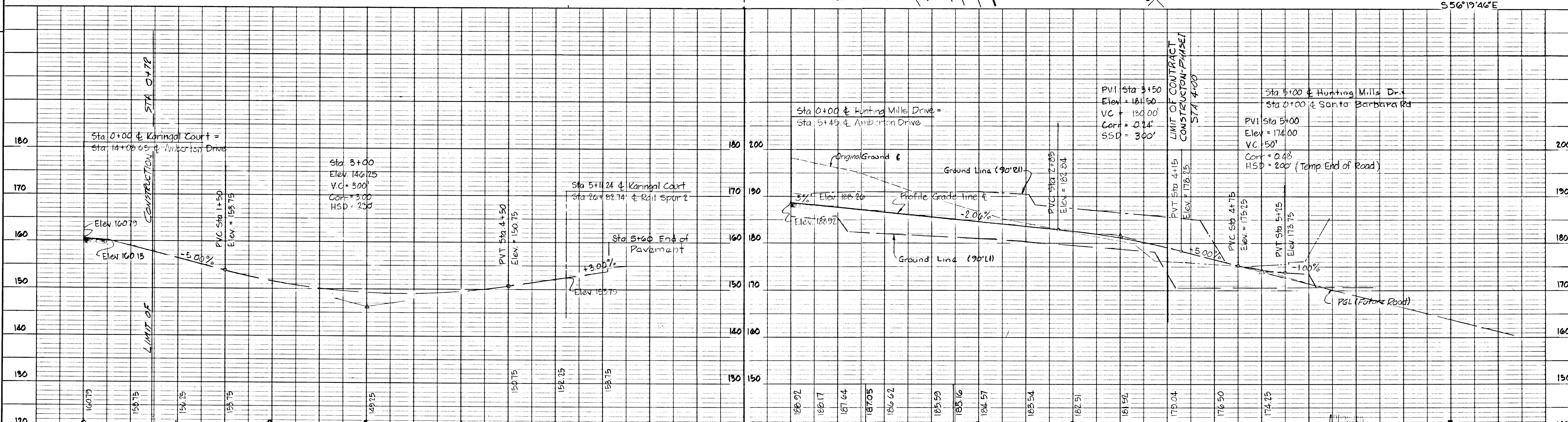
Note: Amberton Drive Sta 0+40 to Sta 5+15 is Temporary only - Ultimate Permanent Entrance to be at another location to be designated by the State Highway Administration



Curve Data  
& Hunting Mills Dr.  
Dc = 12°-30'-00"  
Δ = 11°-33'-35"  
R = 458.97'  
L = 92.48'  
T = 46.40'  
CH = 92.92'  
N 61°33'19"E

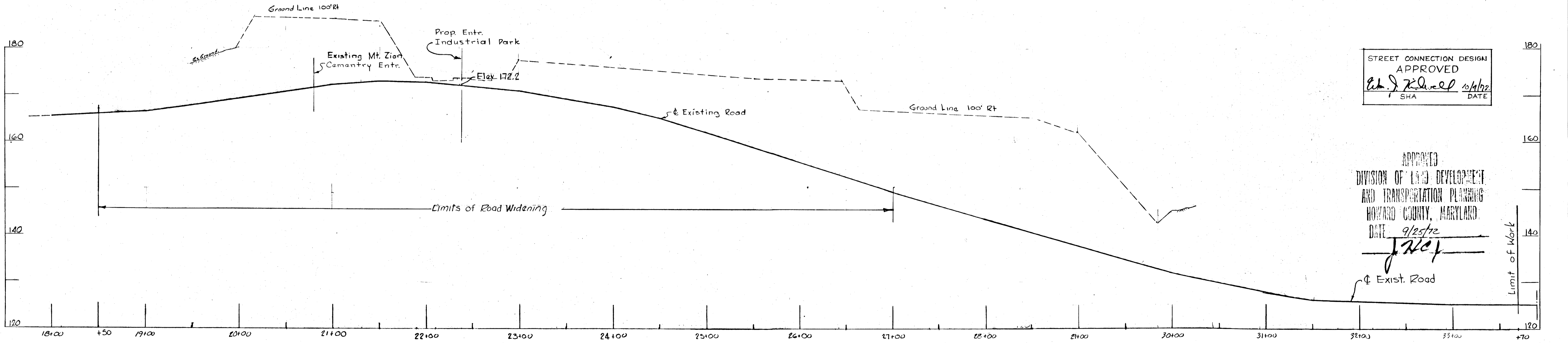
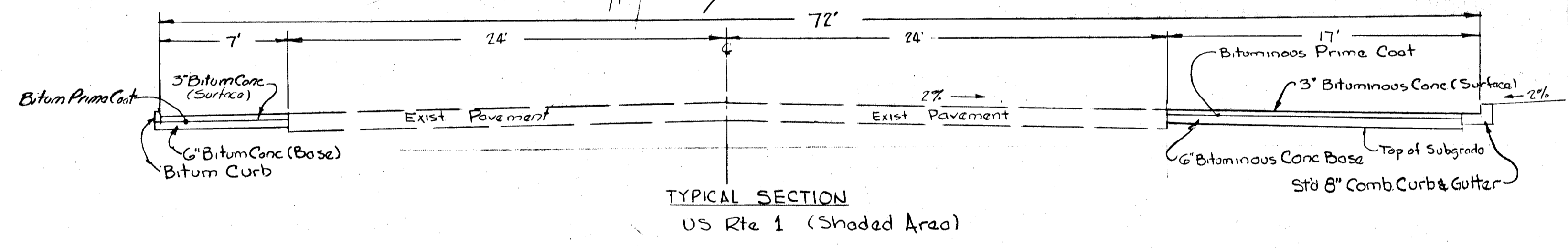
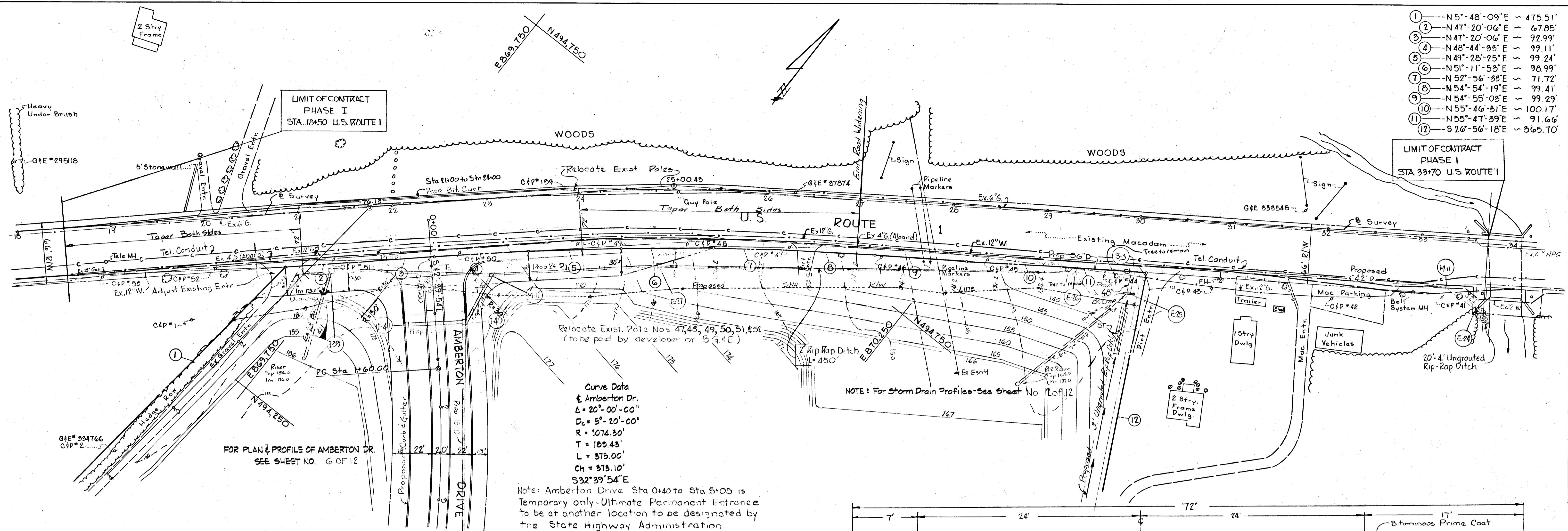
Curve Data  
Curb ① & ②  
Δ = 13°-02'-16"  
D = 32°-42'-24"  
R = 175.00'  
T = 20'  
L = 59.79'

Curve Data  
& Santa Barbara Rd.  
Dc = 10°-16'-06"  
Δ = 63°-54'-34"  
R = 557.98'  
L = 622.39'  
T = 348.05'  
CH = 590.62'  
S 56°19'46"E



DESIGNED: A.G.	GW STEPHENS JR. & ASSOC.	GEORGE W. STEPHENS JR. & ASSOC.	S.H.A. PERMIT NO.	OFFICE OF PLANNING & ZONING	DEPARTMENT OF PUBLIC WORKS	OWNER & DEVELOPER	SCALE	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING	SHEET 9 OF 12
DRAWN: A.S.	ENGINEER: [Signature]	CONSULTING ENGINEERS		CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	CHIEF BUREAU OF HIGHWAYS	KAISER-AETNA	1" = 50'	ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK	DWG. NO.
CHECKED:	DATE: 8/26/72	303 ALLEGHENY AVE. TOWSON, MD. 21204			D.M. McElreath	2 Hopkins Plaza	PROFILE: HOR. 1" = 50'	ROADS AND STORM DRAINS PHASE I	FILE:
#781	LIC. NO. 4447	21204			10/6/72	Baltimore, Maryland	VERT. 1" = 10'	June 26, 1972	

- ① - N5°-48'-09"E ~ 475.51'
- ② - N47°-20'-06"E ~ 67.85'
- ③ - N47°-20'-06"E ~ 92.99'
- ④ - N48°-44'-38"E ~ 99.11'
- ⑤ - N49°-28'-25"E ~ 99.24'
- ⑥ - N51°-11'-53"E ~ 98.99'
- ⑦ - N52°-56'-38"E ~ 71.72'
- ⑧ - N54°-54'-19"E ~ 99.41'
- ⑨ - N54°-55'-08"E ~ 99.29'
- ⑩ - N55°-46'-31"E ~ 100.17'
- ⑪ - N55°-47'-39"E ~ 91.66'
- ⑫ - S26°-56'-18"E ~ 365.70'

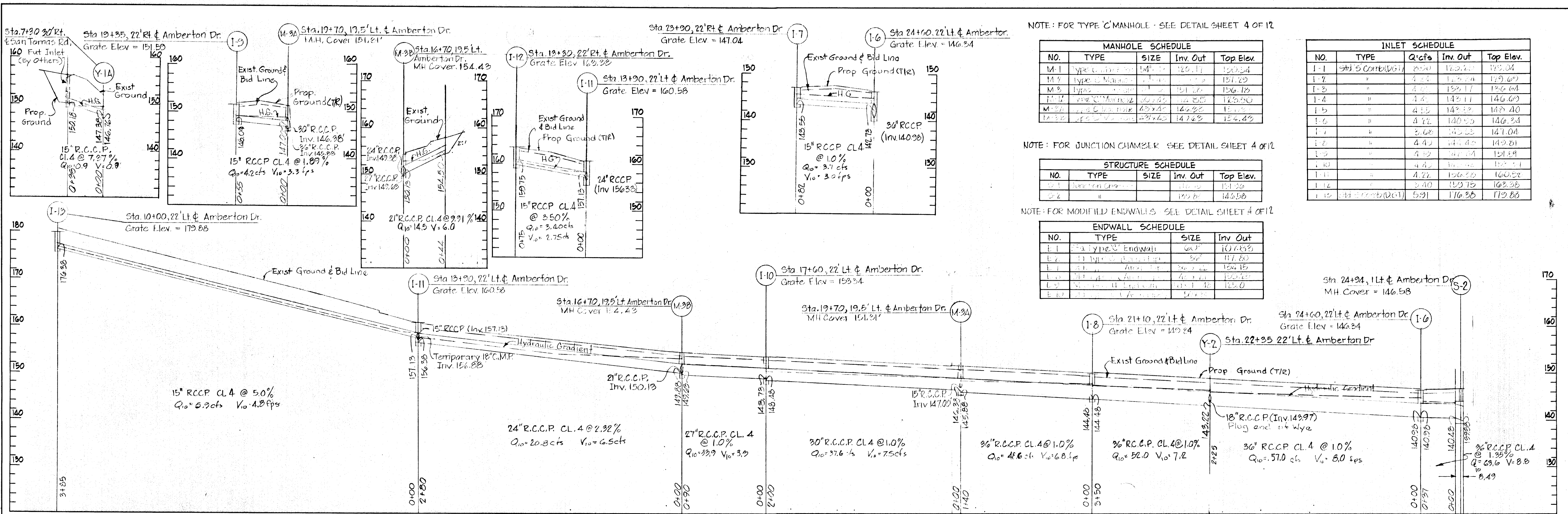


STREET CONNECTION DESIGN  
 APPROVED  
*Ed. J. K... 9/1/72*  
 SHA DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 9/26/72  
*J. H. ...*  
 Exist. Road

SCALE { Plan 1"=50'  
 Profile HORIZ 1"=50' VERT. 1"=10'

DESIGNED: A.G.	SEAL STATE OF MARYLAND PROFESSIONAL ENGINEER	G.W. STEPHENS JR. & ASSOC. ENGINEER <i>George W. Stephens Jr.</i> DATE 9/26/72 LIC. NO. 4407	GEORGE W. STEPHENS JR. & ASSOC. CONSULTING ENGINEERS 303 ALLEGHENY AVE. TOWSON, MD 21204	OWNER & DEVELOPER KAISER - AETNA 2 Hopkins Plaza Baltimore, Maryland	STATE HIGHWAY ADMINISTRATION CHIEF, DEVELOPMENT ENGINEERING SECTION Date: _____	OFFICE OF PLANNING & ZONING CHIEF, DIV. OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING Date: _____	DEPARTMENT OF PUBLIC WORKS CHIEF, BUREAU OF HIGHWAYS <i>Ed. J. K...</i> Date: 10/6/72	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING ROUTE ONE HUNDRED OFFICE / INDUSTRIAL PARK ROADS AND STORM DRAINS - PHASE I June 26, 1972 Howard County, Maryland Election District No 1	DATE 9/1/72	REVISIONS Par SHA Comments	BY ALC	Sheet No 10 of 12 Drawing No. Contract No. FILE
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NOTE: FOR TYPE 'C' MANHOLE - SEE DETAIL SHEET 4 OF 12

MANHOLE SCHEDULE				
NO.	TYPE	SIZE	Inv. Out	Top Elev.
M-1	Type C Manhole	48"	146.34	146.34
M-2	Type C Manhole	48"	142.29	142.29
M-3	Type C Manhole	48"	136.64	136.64
M-4	Type C Manhole	48"	129.69	129.69
M-5	Type C Manhole	48"	129.04	129.04
M-6	Type C Manhole	48"	129.04	129.04
M-7	Type C Manhole	48"	129.04	129.04
M-8	Type C Manhole	48"	129.04	129.04
M-9	Type C Manhole	48"	129.04	129.04
M-10	Type C Manhole	48"	129.04	129.04
M-11	Type C Manhole	48"	129.04	129.04
M-12	Type C Manhole	48"	129.04	129.04

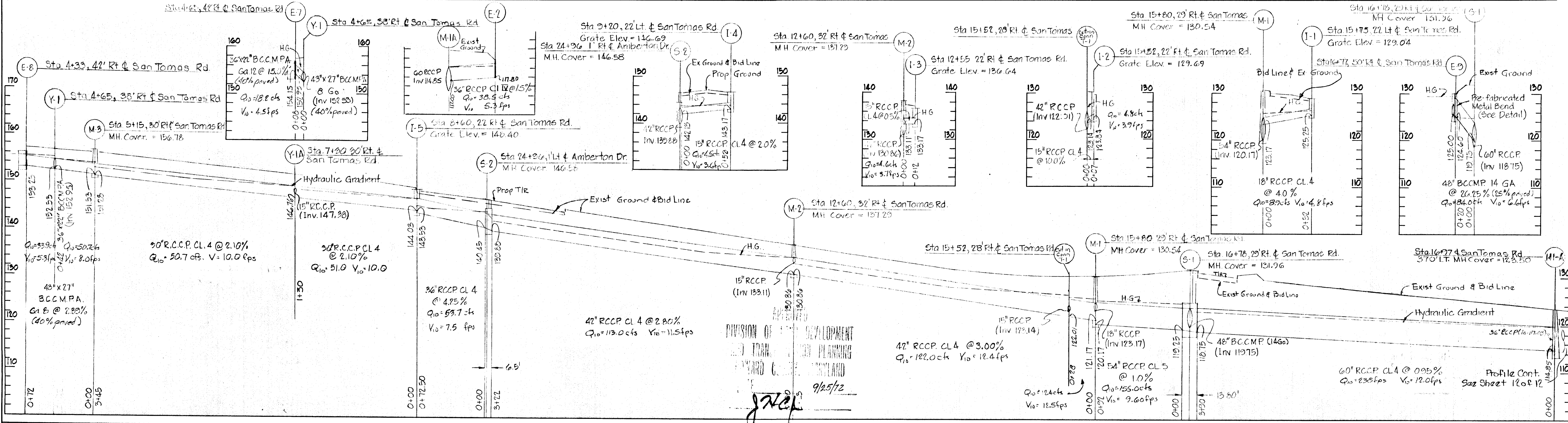
INLET SCHEDULE				
NO.	TYPE	Q <sub>10</sub> cfs	Inv. Out	Top Elev.
I-1	Sta 5 Corridor	2.50	129.04	129.04
I-2	"	4.25	136.64	136.64
I-3	"	4.25	136.64	136.64
I-4	"	4.25	142.29	142.29
I-5	"	4.25	142.29	142.29
I-6	"	4.25	146.34	146.34
I-7	"	3.00	146.34	146.34
I-8	"	4.42	146.34	146.34
I-9	"	4.42	146.34	146.34
I-10	"	4.42	146.34	146.34
I-11	"	4.22	150.13	150.13
I-12	"	3.40	159.13	159.13
I-13	Sta 16+70 (D.C.)	5.91	176.35	176.35

NOTE: FOR JUNCTION CHAMBER - SEE DETAIL SHEET 4 OF 12

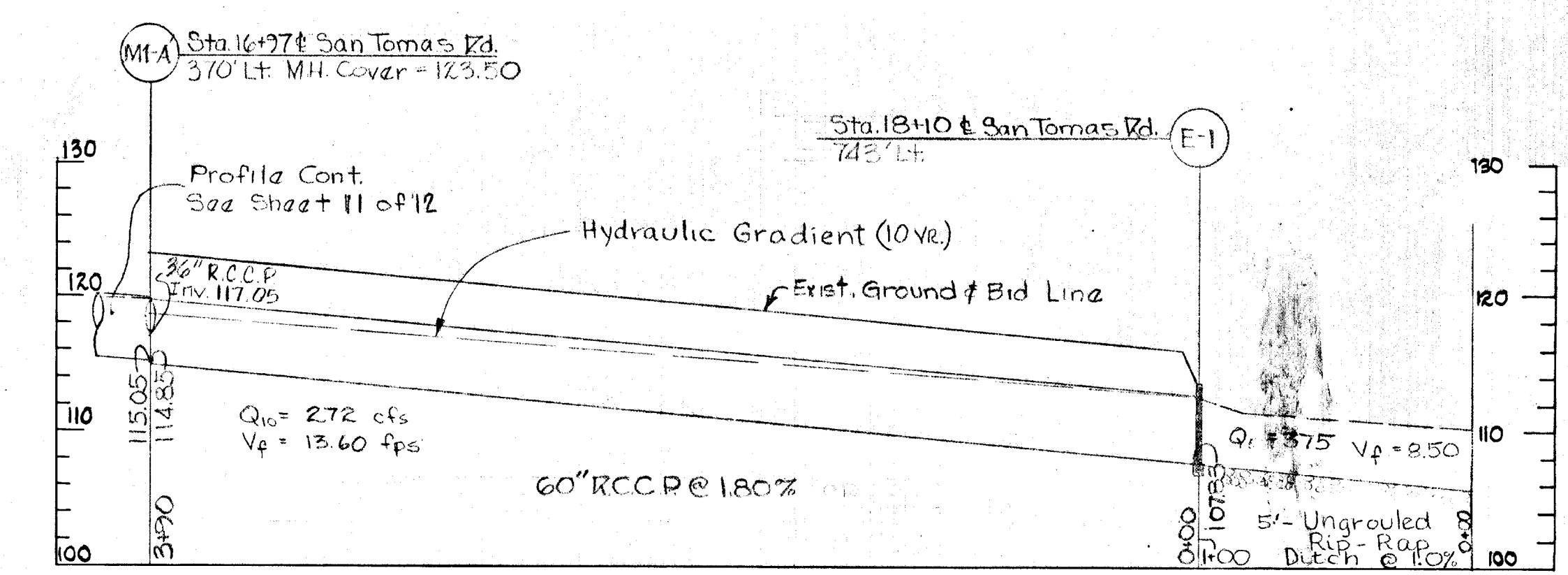
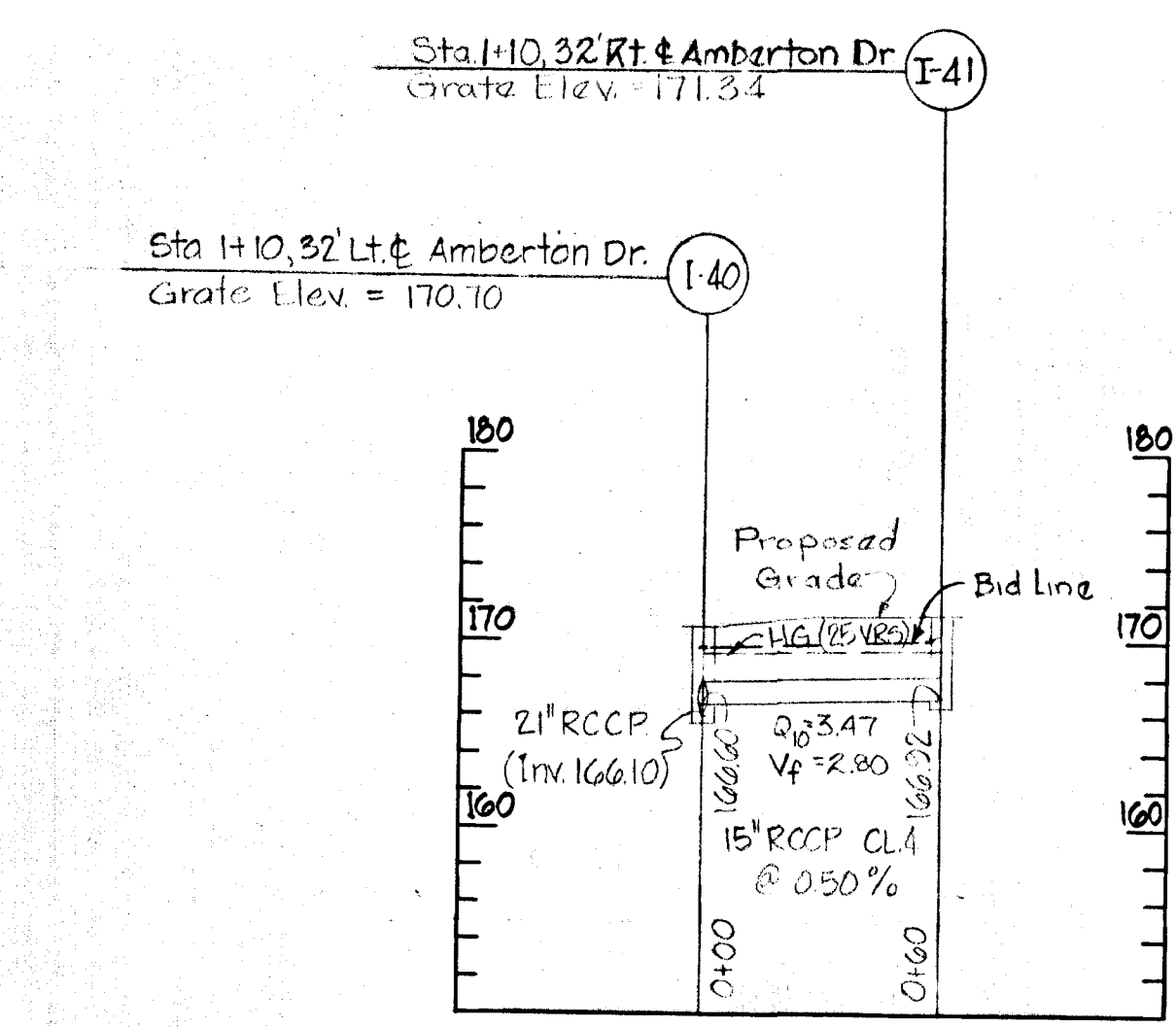
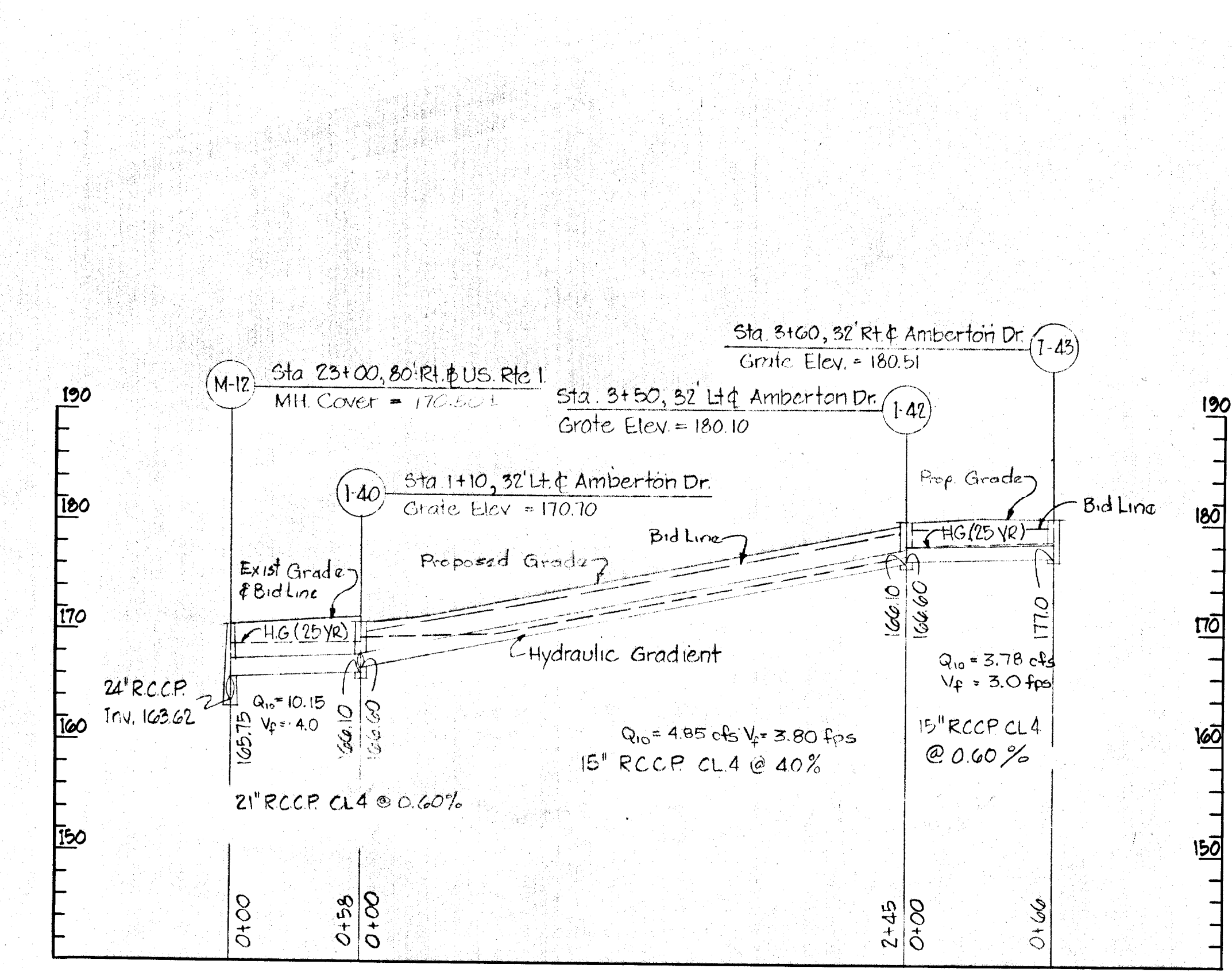
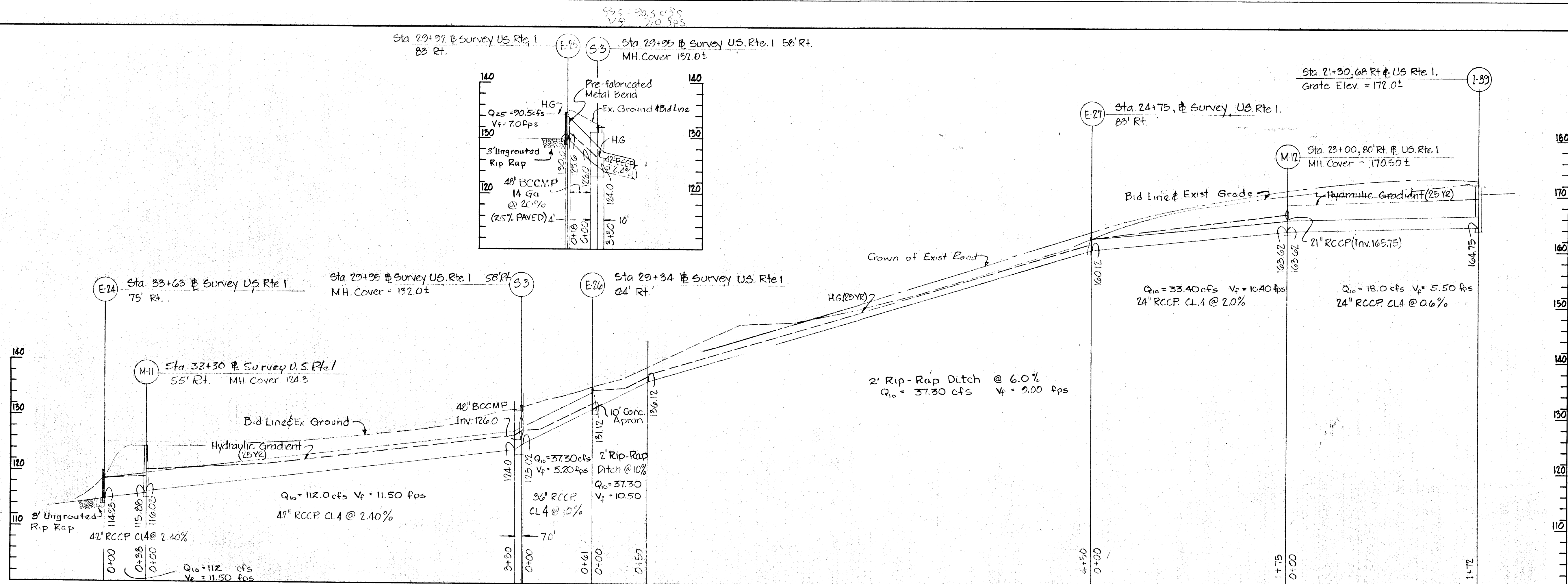
STRUCTURE SCHEDULE				
NO.	TYPE	SIZE	Inv. Out	Top Elev.
S-1	Junction Chamber	48"	146.34	146.34
S-2	"	48"	146.34	146.34

NOTE: FOR MODIFIED ENDWALLS - SEE DETAIL SHEET 4 OF 12

ENDWALL SCHEDULE				
NO.	TYPE	SIZE	Inv. Out	Top Elev.
E-1	Final Type C Endwall	60"	107.53	107.53
E-2	"	60"	117.80	117.80
E-3	"	60"	126.15	126.15
E-4	"	60"	130.50	130.50
E-5	"	60"	131.30	131.30
E-6	"	60"	132.0	132.0



T.C. Designated	ENGINEER GEO. WM. STEPHENS, JR. AND ASSOCIATES, INC. Towson, Md. 21204	OWNER AND DEVELOPER KAISER-AETNA 2 Hopkins Plaza Baltimore, Maryland	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS Chief, Bureau of Highways	OFFICE OF PLANNING AND ZONING Chief Engineer, Division of Land Development	Storm Drains ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK STORM DRAIN PROFILES - PHASE I Howard County, Maryland EL. DIST. 110.1	REVISIONS Date Description By	Sheet 11 of 12 Drawing No Contract No
A.S. Drawn	Prof. Engr. 1/26/72		Approved 10/6/72 Date	Approved Date	June 26, 1972		
A.G. Checked							



ENDWALL SCHEDULE

NO.	TYPE	SIZE	Invt. Out
E-24	Std. Type C (round type)	48"	114.25
E-25	Std. Type C (round type)	48"	120.0
E-26	Std. Type C (round type)	36"	131.12
E-27	Std. Type C (round type)	24"	160.12

MANHOLE SCHEDULE

NO.	TYPE	SIZE	Invt. Out	Top Elev.
M-11	Type C Manhole	48" x 48"	115.00	124.00
M-12	Type C Manhole	48"	160.00	170.50

INLET SCHEDULE

NO.	TYPE	Q, cfs	Invt. Out	Top Elev.
1-25	Std. Comp. Inlet	2.17	160.05	172.00
1-40	"	2.03	158.00	170.10
1-41	"	2.44	158.00	171.00
1-42	"	1.62	160.00	170.00
1-43	"	2.15	170.00	170.50

NOTE: FOR JUNCTION CHAMBER - SEE DETAIL SHEET 4 OF 12

STRUCTURE SCHEDULE

NO.	TYPE	SIZE	Invt. Out	Top Elev.
E-23	Structure Chamber	34" x 34"	112.75	121.20

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 9/25/72  
*[Signature]*

Scale: Hor. 1"=50'  
 Ver. 1"=10'

T.C. Designed A.S. Drawn A.G. Checked		ENGINEER	OWNER AND DEVELOPER	STATE HIGHWAY ADMINISTRATION	HOWARD COUNTY	Storm Drains	REVISIONS	Sheet 12 of 12	
		GEO. WM. STEPHENS, JR. AND ASSOCIATES, INC. Towson, Md, 21284	KAISER-AETNA 2 Hopkins Plaza Baltimore, Maryland	CHIEF, DEVELOPMENT ENGINEERING SECTION	DEPARTMENT OF PUBLIC WORKS Chief, Bureau of Highways	OFFICE OF PLANNING AND ZONING Chief Engineer, Division of Land Development	ROUTE ONE HUNDRED OFFICE/INDUSTRIAL PARK STORM DRAIN PROFILES PHASE I	Date Description By	Drawing No.
		<i>[Signature]</i> Prof. Engr. 4407 9/26/72 Req. Date		Date: _____	<i>[Signature]</i> Approved 10/6/72 Date	Approved _____ Date	June 26, 1972 Howard County, Maryland EL. DIST. NO. 1		Contract No.