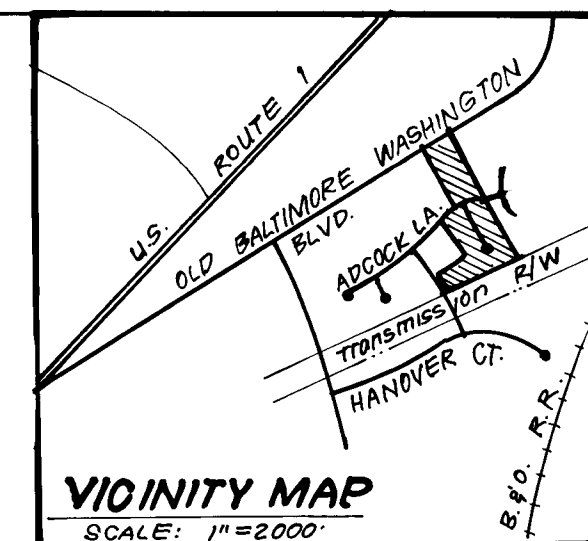


PLANT SCHEDULE				
KEY	PLANT NAME	SIZE	QUANT.	REMARKS
G	Fraxinus P. Lanceolata Marshall's Green Ash	2 1/2" CAL. MIN.	10	8 1/2" HEAVY HEADS.
M	Acer Rubrum "Red Sunset" Red Sunset Maple	"	26	"
P	Quercus Palustris Pin Oak	"	6	"

CURB & GUTTER LEGEND
 Mod. Curb & Gutter
 Rev. Mod. Curb & Gutter
 Std. 7" Comb. Curb & Gutter

- Contractor shall verify location of underground utilities prior to digging.
- Final location of trees may be adjusted slightly to accommodate field conditions.
- Planting procedure shall comply with "Landscape Specs. for Baltimore-Washington Metropolitan Areas".
- Substitution of the approved species may be permitted provided that the planting is in accordance with the street tree and landscape requirements as specified in Section 10.131 of the Hb. Co. Subdivision Regulations.



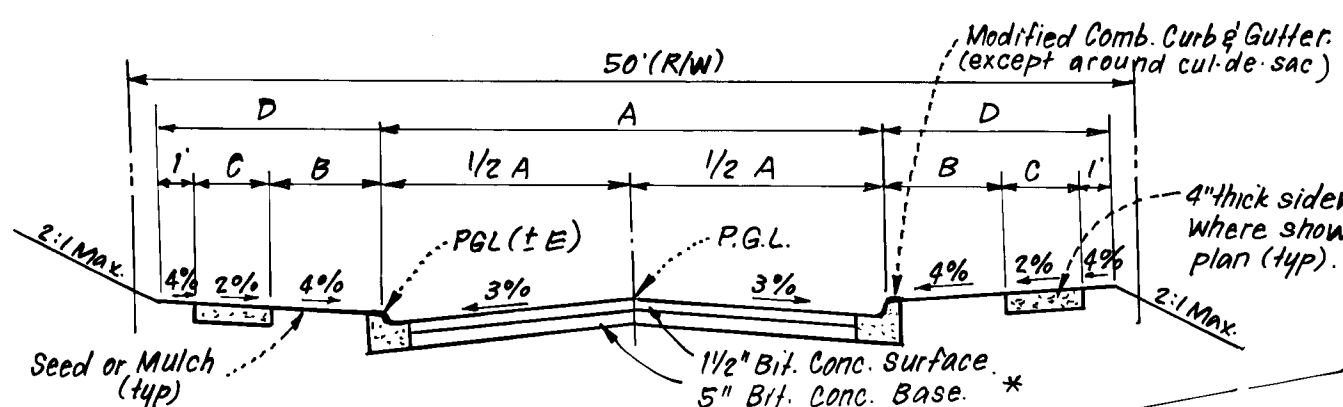
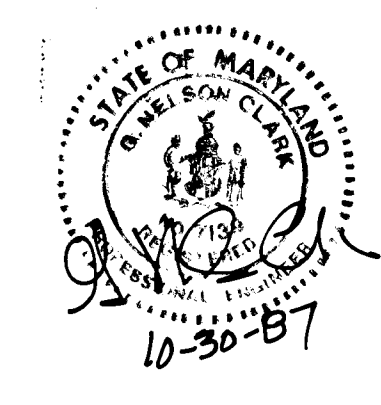
GENERAL NOTES

- All storm drain paving shall be constructed in accordance with the latest edition and specifications of Howard County & MDSA.
- Types of storm drainage refer to the Standard Details of Hb. Co. & MDSA.
- Trench compaction for storm drains within road or street right-of-way limits shall be in accordance with "Hb. Co. Design Manual, Vol. IX." (Class C Trench Bedding to be used for all storm drains, except where shown otherwise).
- Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevation of mains by digging test pits, by hand, at all utility crossings, well in advance of construction.
- All utility companies shall be notified 24 hrs. in advance of construction.
- All traffic services, parking and signing to be done in accordance with the "Manual of Uniform Traffic Control Devices," 1978 Edition.
- Bag and Crest Vertical Curves were designed in accordance with "Hb. Co. Design Manual," Vol. III.
- Provide Concrete Sidewalk ramps Hb. Co. Std. Type A, R-4.01 where shown in plan.
- Design Speed: 30 mph. zoning: R-12.
- The contractor or developer shall contact the Construction Inspection/Survey Division 24 hrs. in advance of commencement of work. Ph. 772-7272.
- Storm Water Management was provided for this plan under Canbury Woods/1 F-86.115.
- Standard details shown on these plans conform to Volume IX of the Howard County Design Manual as of Jan. 15, 1988.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Mark J. ... 4-19-88
 Chief, Land Development Division
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
James ... 4/22/88
 Chief, Division of Land Development & Zoning Administration

CLARK FINEFROCK & SACKETT, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 7135 MINSTREL WAY COLUMBIA, MARYLAND 21045 301-381-7500 Balt. 301-621-8100 Wash.

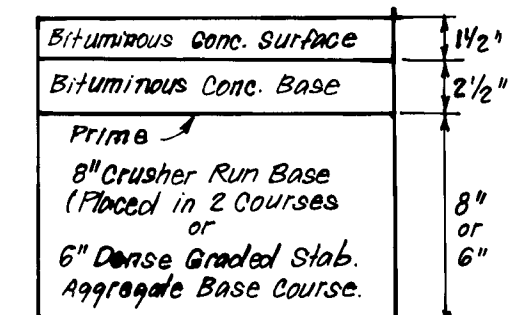
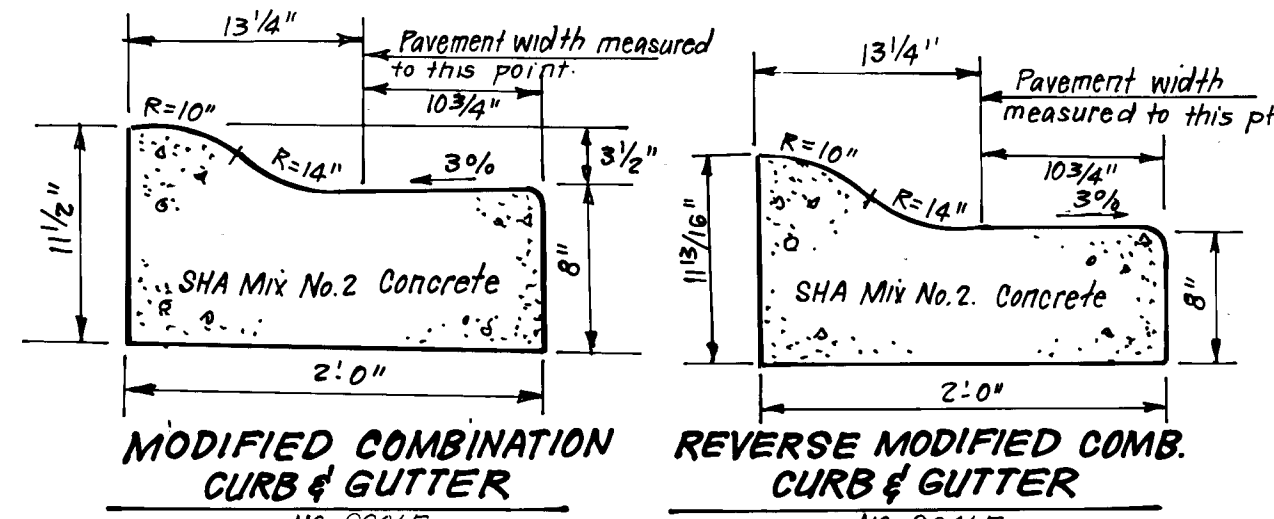
DESIGNED E.P.	ROAD CONSTRUCTION PLANS ADCOCK LANE	SCALE As Shown
DRAWN K.W.	CANBURY WOODS	DRAWING 10-4
CHECKED E.P.	SECTION 2 AREA 2 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND.	JOB NO. 85-085
DATE 9-18-87	FOR: ELKRIDGE LIMITED PARTNERSHIP 9030 Red Branch Rd. Suite 210 Columbia Md. 21045	FILE NO. 85-085-D



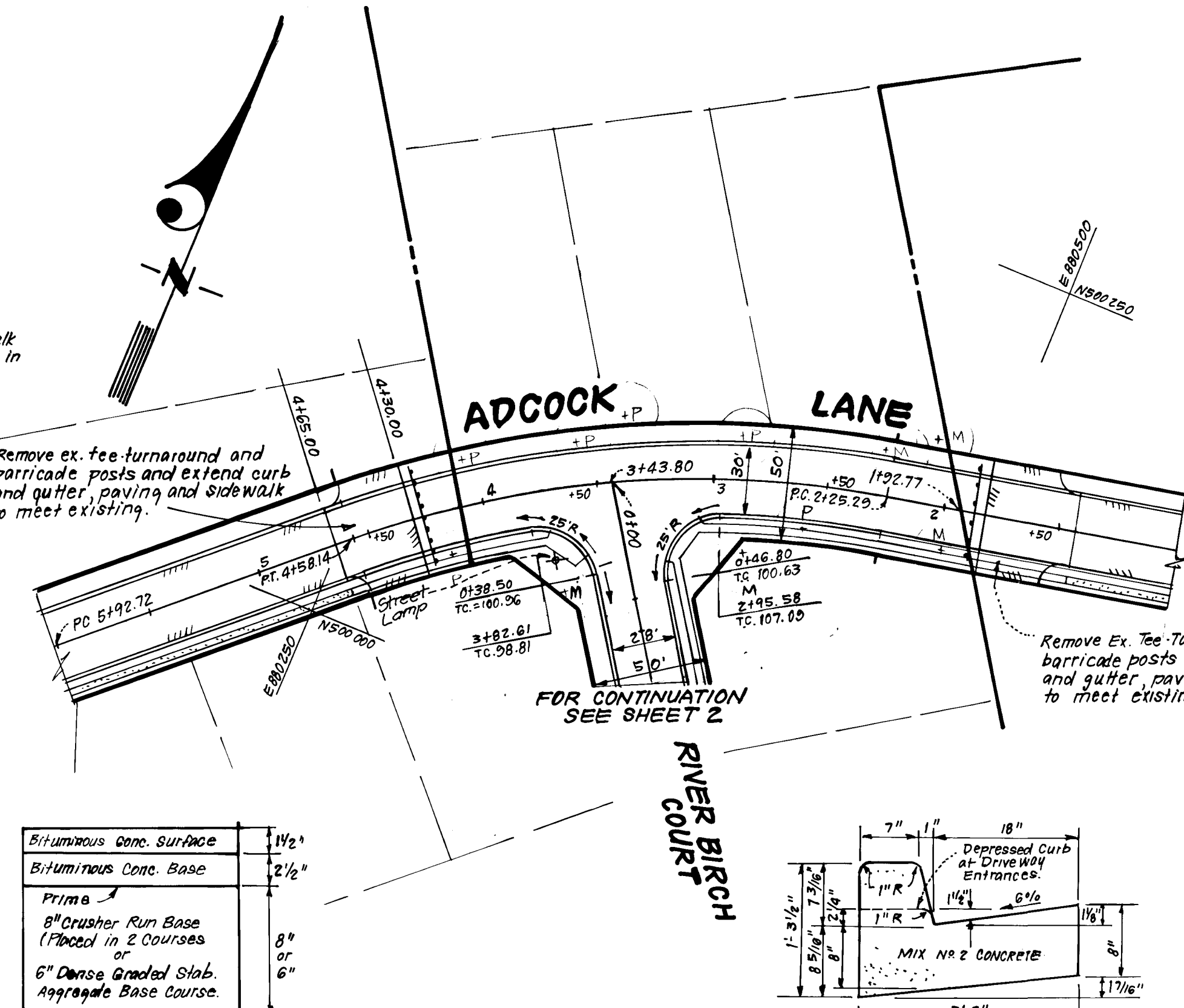
TYPICAL PAVING SECTION
NO SCALE

* For Alternate Paving Section, see det. this sht.

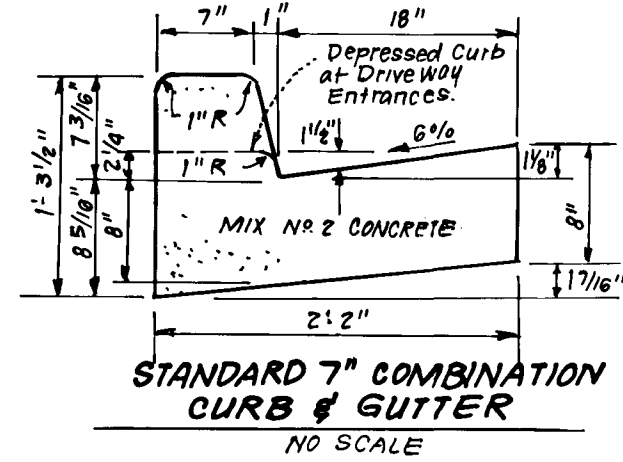
STREET NAME & STATION	TYPE OF TRAFFIC	A	B	C	D	R/W	ZONING	DESIGN SPEED	E
ADCOCK LA.	LOCAL	3'	4'	4'	9'	50'	R-12	30 mph	13
RIVER BIRD CT.	CUL DE SAC	2'	4'	4'	9'	50'	R-12	30 mph	10



ALTERNATE PAVING SECTION FOR PUBLIC ROADS
(SECTION P-2) NO SCALE



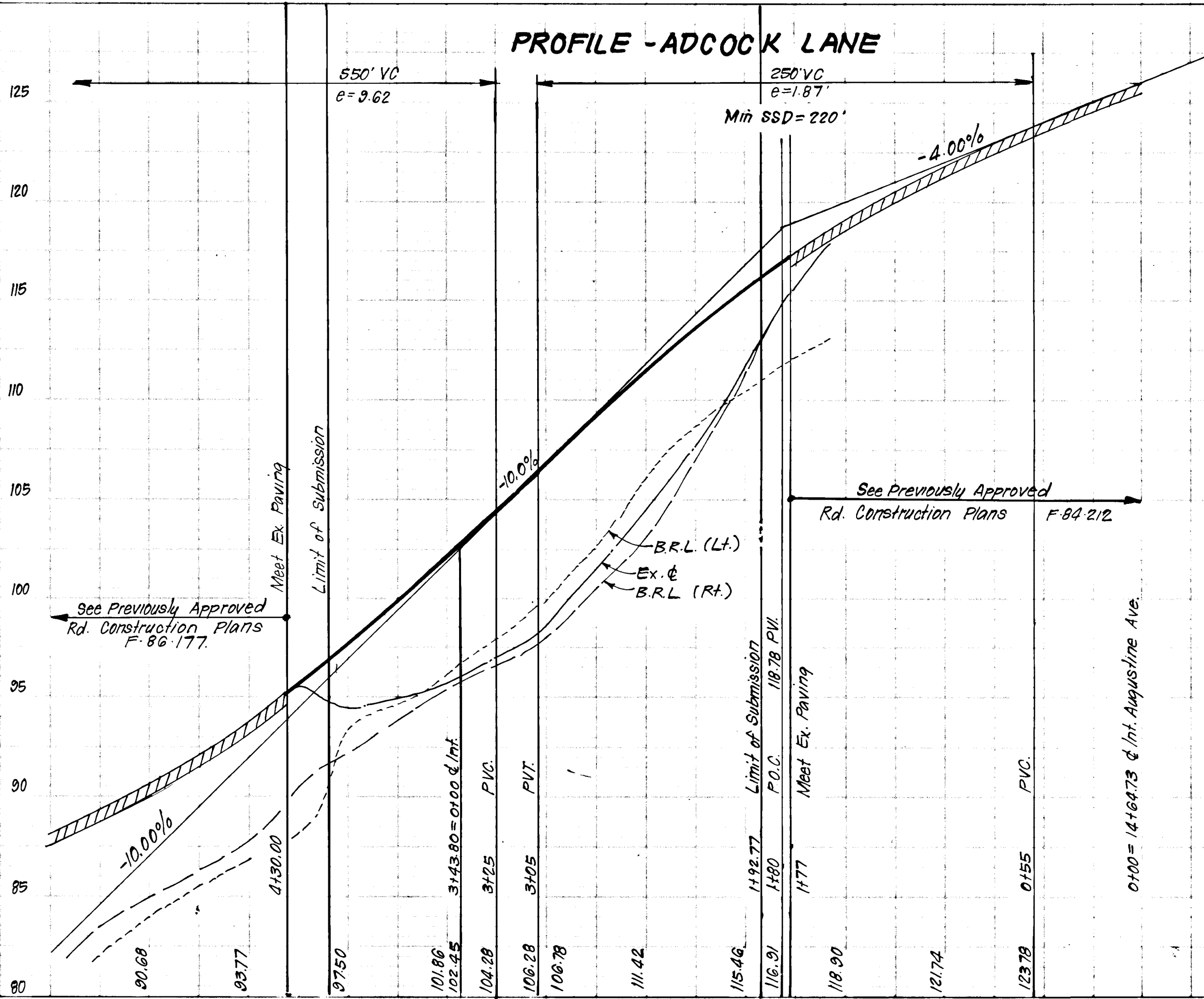
PLAN
SCALE: 1"=50'



STANDARD 7" COMBINATION CURB & GUTTER
NO SCALE

CENTERLINE CURVE DATA

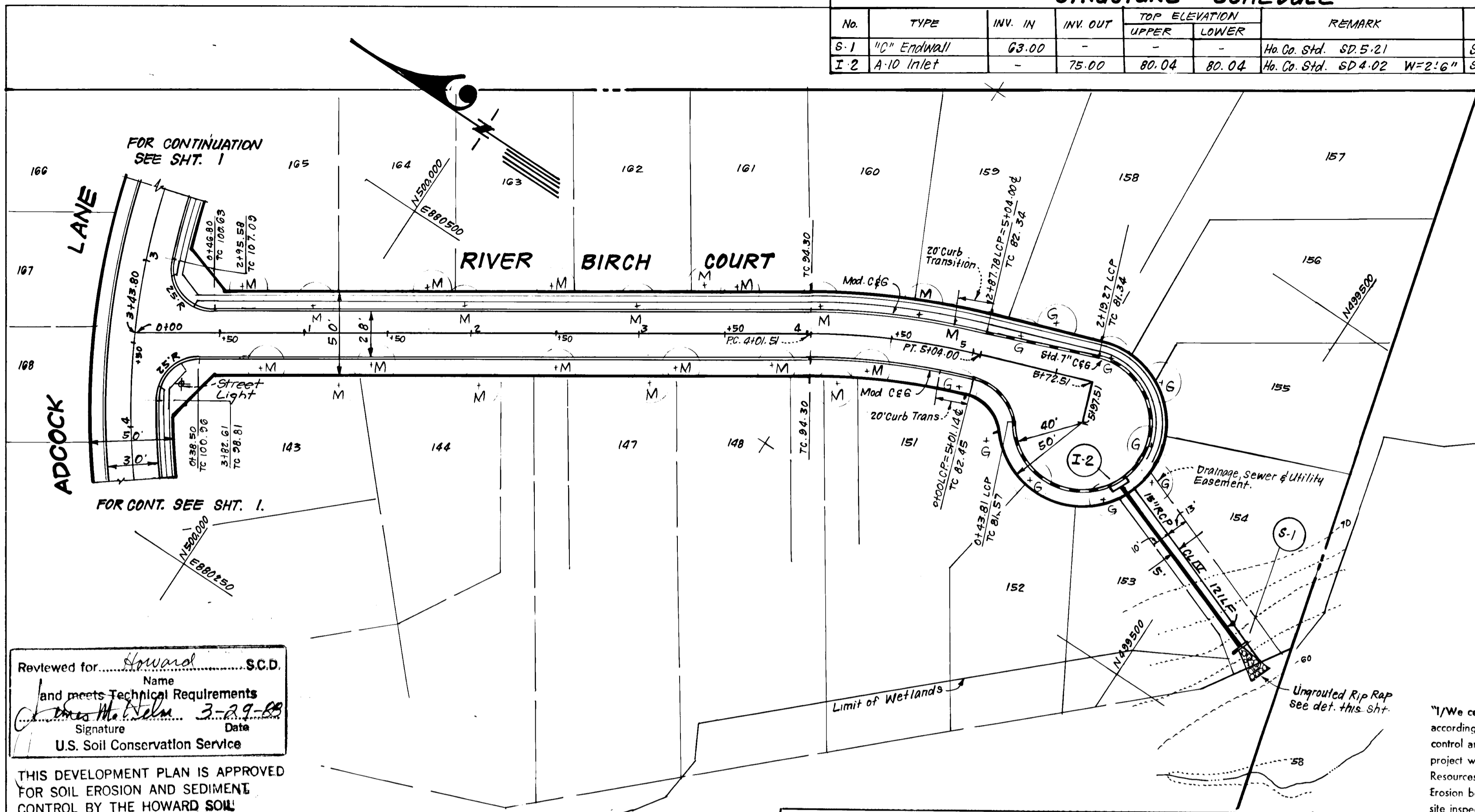
PC to PT	RADIUS	DELTA	ARC	TANG	CHORD	BEARING
PC 2125.29 to PT 4158.14	440.00	30° 10' 15"	232.85	119.22	230.14	S63° 09' 39" W



PROFILE SCALE
HORIZ. 1"=50'
VERT. 1"=5'

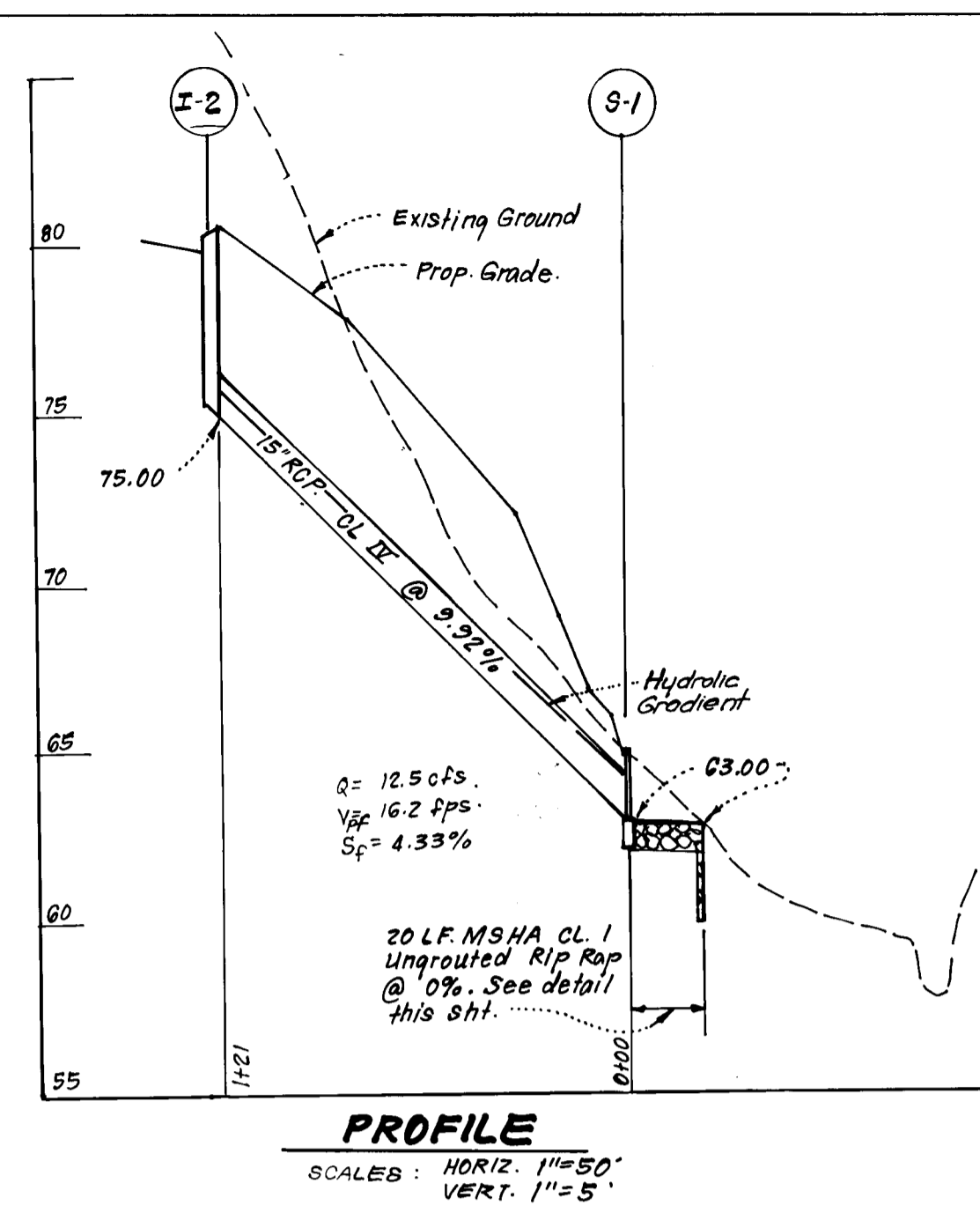
2221

STRUCTURE SCHEDULE							
No.	TYPE	INV. IN	INV. OUT	TOP ELEVATION		REMARK	LOCATION
				UPPER	LOWER		
S-1	10" EROSION	63.00	-	-	-	Ho Co Std. SD 5-21	See Plan
I-2	A-10 Inlet	-	75.00	80.04	80.04	Ho Co Std. SD 4-02 W=2'6"	See Plan

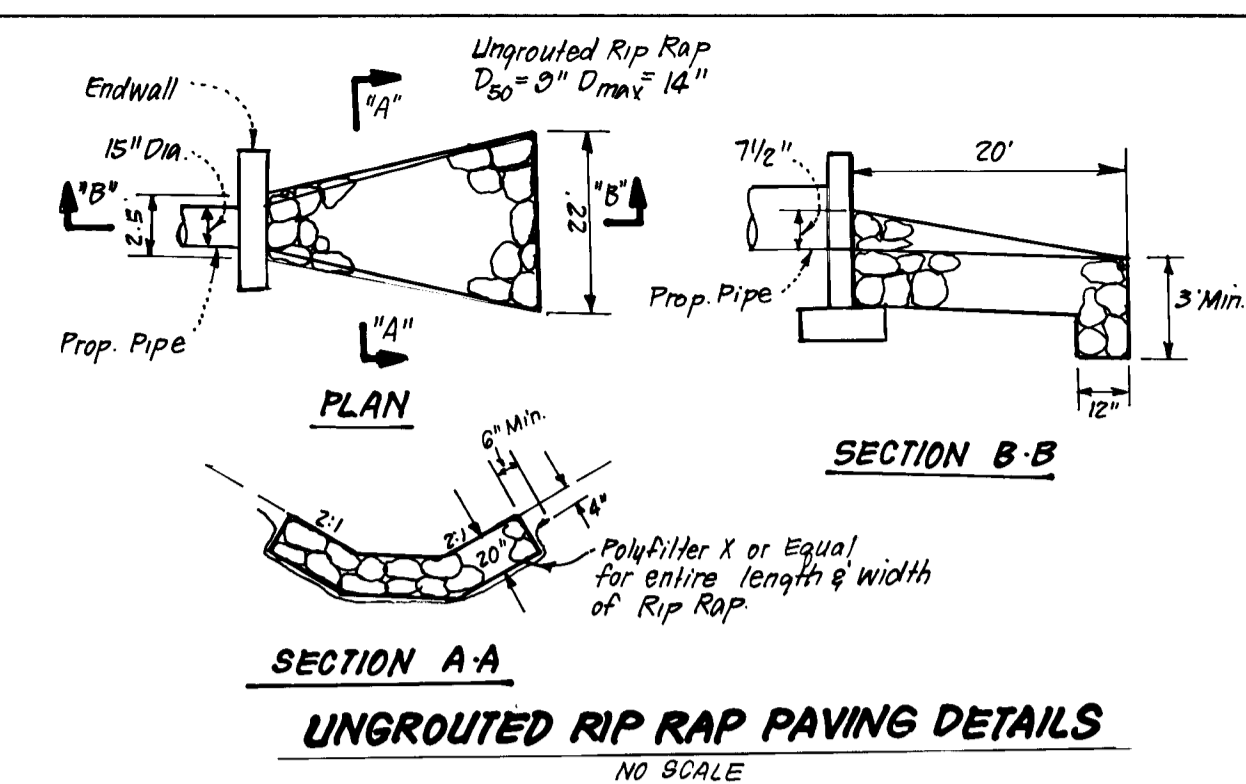


CENTERLINE CURVE DATA							
PC	PT	RADIUS	DELTA	ARC	TANG	CHORD	BEARING
PC 4101.51	PT 5104.00	435.00	13°30' 00"	102.49	51.49	102.26	S26°27'00"E

PLAN
SCALE: 1"=50'



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



UNGRADED RIP RAP PAVING DETAILS
NO SCALE

Reviewed for: Howard S.C.D.
Name
and meets Technical Requirements
Signature: Stephen L. Miller 3-29-88
Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: Stephen L. Miller 3/29/88
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE
"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."
Signature of Developer/Builder: Robert May
Date: 10-30-87

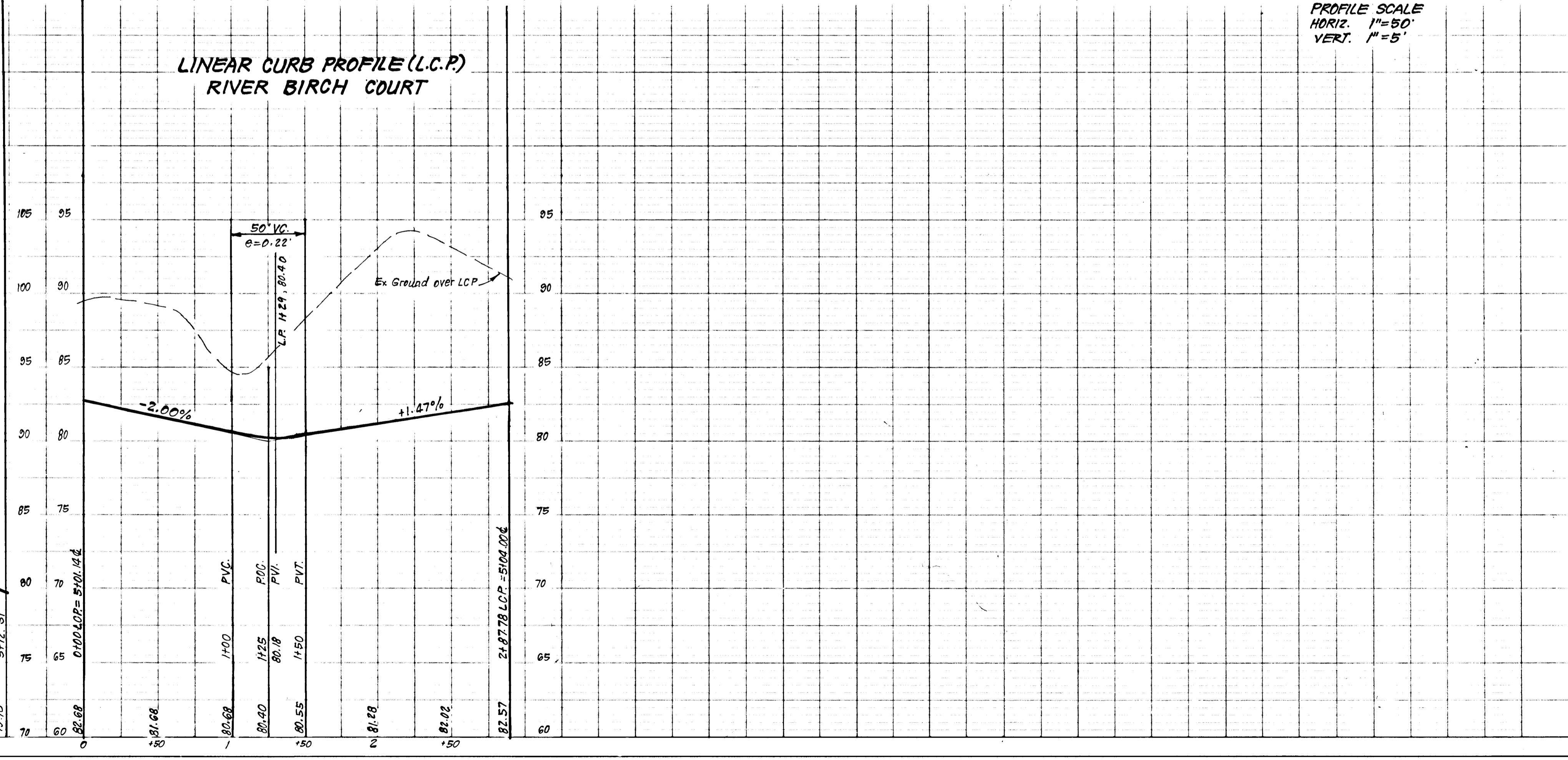
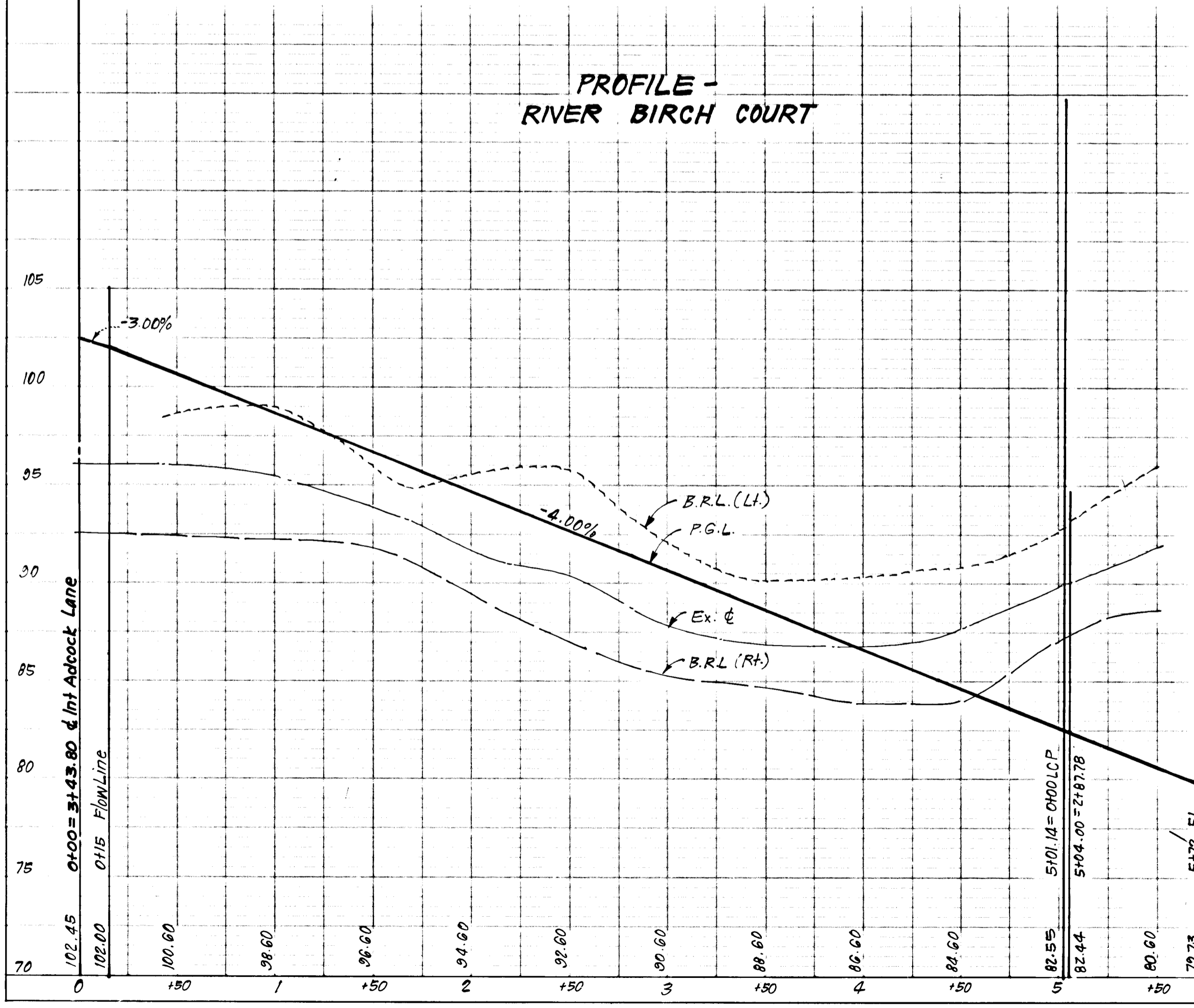
ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
Signature: G. Nelson Clark
Date: 10-30-87

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: Michelle J. ... 4/18/88
Date
Signature: Channelle W. ... 4/18/88
Date
Signature: ... 4-21-88
Date
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Signature: ... 4/22/88
Date

CLARK · FINEFROCK & SACKETT, INC.
ENGINEERS · PLANNERS · SURVEYORS
7135 MINSTREL WAY COLUMBIA, MARYLAND 21045 (301)381-7500

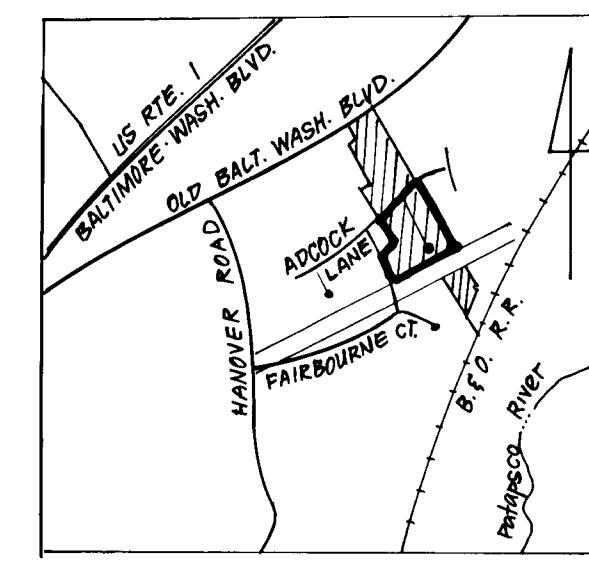
DESIGNED	E.P.	ROAD CONSTRUCTION PLANS RIVER BIRCH COURT	SCALE	As Shown
DRAWN	KIW	CANBURY WOODS SECTION 2 AREA 2 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND.	DRAWING	2 OF 4
CHECKED	E.P.		JOB NO.	85 085
DATE	9-18-87	FOR: ELKRIDGE LIMITED PARTNERSHIP 3030 Red Branch Rd. Suite 210 Columbia, Md. 21045	FILE NO.	85-085-D

1222



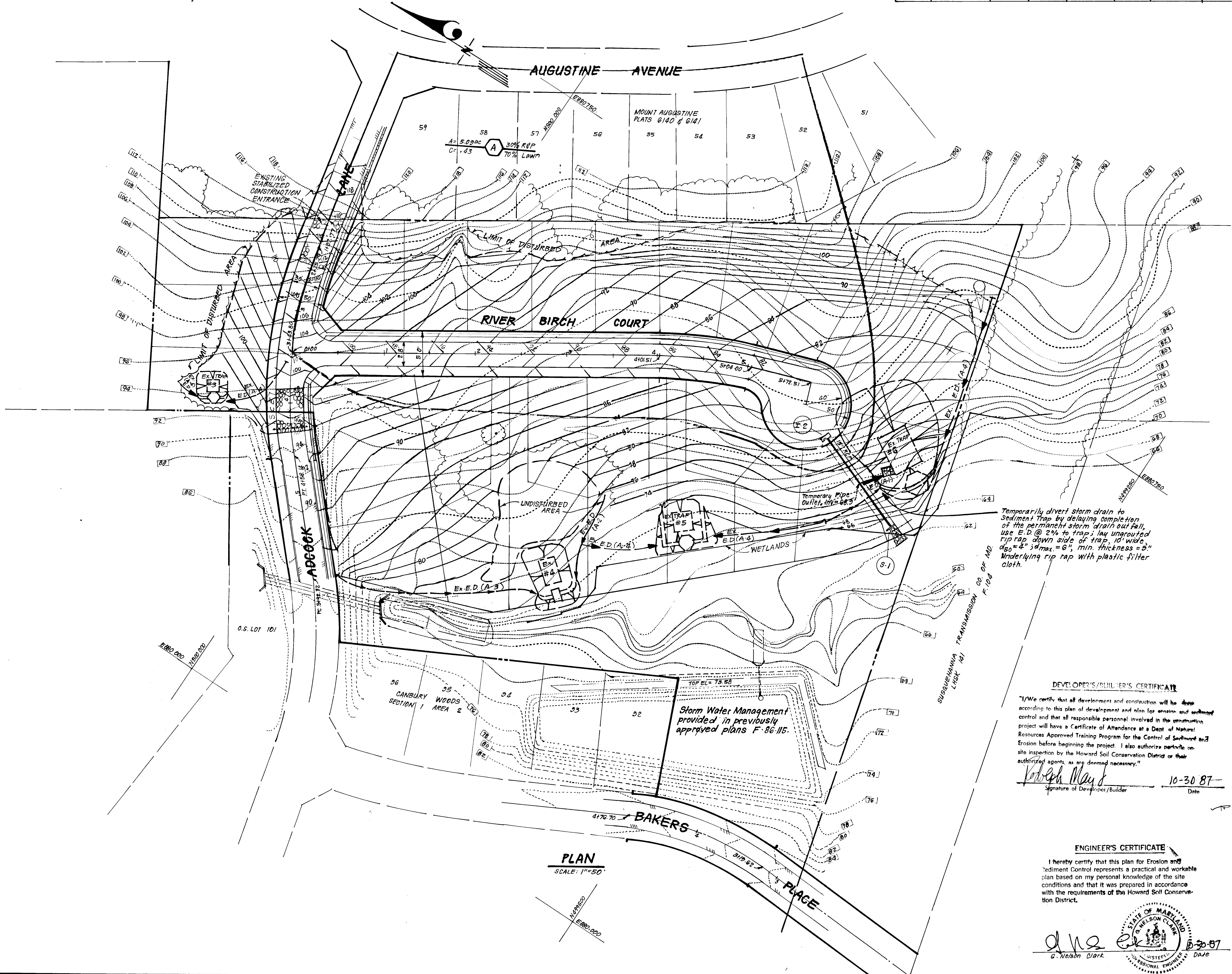
SEDIMENT TRAP TABLE

TRAP NO.	TYPE OF TRAP	DRAINAGE AREA	STORAGE REQUIRED	STORAGE PROVIDED	OUTLET LENGTH	BOTTOM DIMENSIONS	STORAGE DEPTH BELOW OUTLET	BOTTOM OF TRAP ELEV.	CREST OF OUTLET WEIR	TOP EMBANKMENT
Ex. 3	SOST. ST. V	0.56 Ac.	1008 cf	1008 cf	4'	12' x 12'	3'	91.0	94.0	95.0
Ex. 4	"	1.50 Ac.	2700 cf	4896 cf	1'	22' x 32'	4'	68.0	70.0	74.0
Ex. 5	"	1.81 Ac.	3258 cf	3449 cf	8'	21' x 21'	4'	65.0	69.0	70.0
Ex. 6	ROST. ST. VI	5.65 Ac.	10770 cf	10702 cf	14'	33' x 42'	5'	59.6	65.5	68.1



VICINITY MAP

SCALE: 1" = 2000'



LEGEND

- Contour Interval 2 Ft.
- Existing Contour
- Proposed Contour
- Existing Earth Dike
- Proposed Storm Drainage

CONSTRUCTION SEQUENCE

- Obtain grading permit.
- Install sediment control devices.
- Clear and grub site.
- Rough Grade site.
- Install storm drain system and temp divert outlet to sediment trap.
- Install curb & gutter, sidewalks and paving.
- Stabilize all disturbed areas.
- Remove traps and grade to final grade.
- Extend storm drain to final grade.
- Remove remaining sediment control devices.
- Restore the areas that were under the Sediment Control devices to original or final grades and stabilize with vegetative measures.

Note: Refer to GP-88-14 for existing sediment controls.

Temporarily divert storm drain to Sediment Trap by delaying completion of the permanent storm drain out fall, use E.D. @ 2% to trap; lay ungrouted rip rap down side of trap, 10' wide, 4" max. = 6", min. thickness = 3". Underlying rip rap with plastic filter cloth.

Reviewed for Source Name S.C.D.
and meets Technical Requirements
Robert M. Nelson Signature 3-21-88 Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S/BUILDER'S CERTIFICATE
"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize participants on site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."
Robert May Signature of Developer/Builder 10-30-87 Date

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
G. Nelson Clark Signature of Engineer 10-30-87 Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William LaM... Chief, Land Development Division 4/22/88 Date
Robert M. Nelson Chief, Bureau of Highways 4/21/88 Date
Robert M. Nelson Chief, Bureau of Engineering 4-21-88 Date
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Robert M. Nelson Chief, Division of Land Development & Zoning Administration 4/22/88 Date

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ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7200 - BALTO. • (301) 621-8100 - WASH.

DESIGNED	E.P.	ROAD CONSTRUCTION PLANS SEDIMENT & EROSION CONTROL AND DRAINAGE AREA MAP	SCALE	1" = 50'
DRAWN	KIW	CANBURY WOODS	DRAWING	3 OF 4
CHECKED	E.P.		JOB NO.	85-085
DATE	9-21-87	FOR: ELKRIDGE LIMITED PARTNERSHIP 1030 Red Branch Rd. Suite 210 Columbia, Md. 21045	FILE NO.	85-085-D

PLAN
SCALE: 1" = 50'

Storm Water Management provided in previously approved plans F-86/115.

