

Nr	REVISIONS	Date
1	Rev. Street tree table	11-19-92

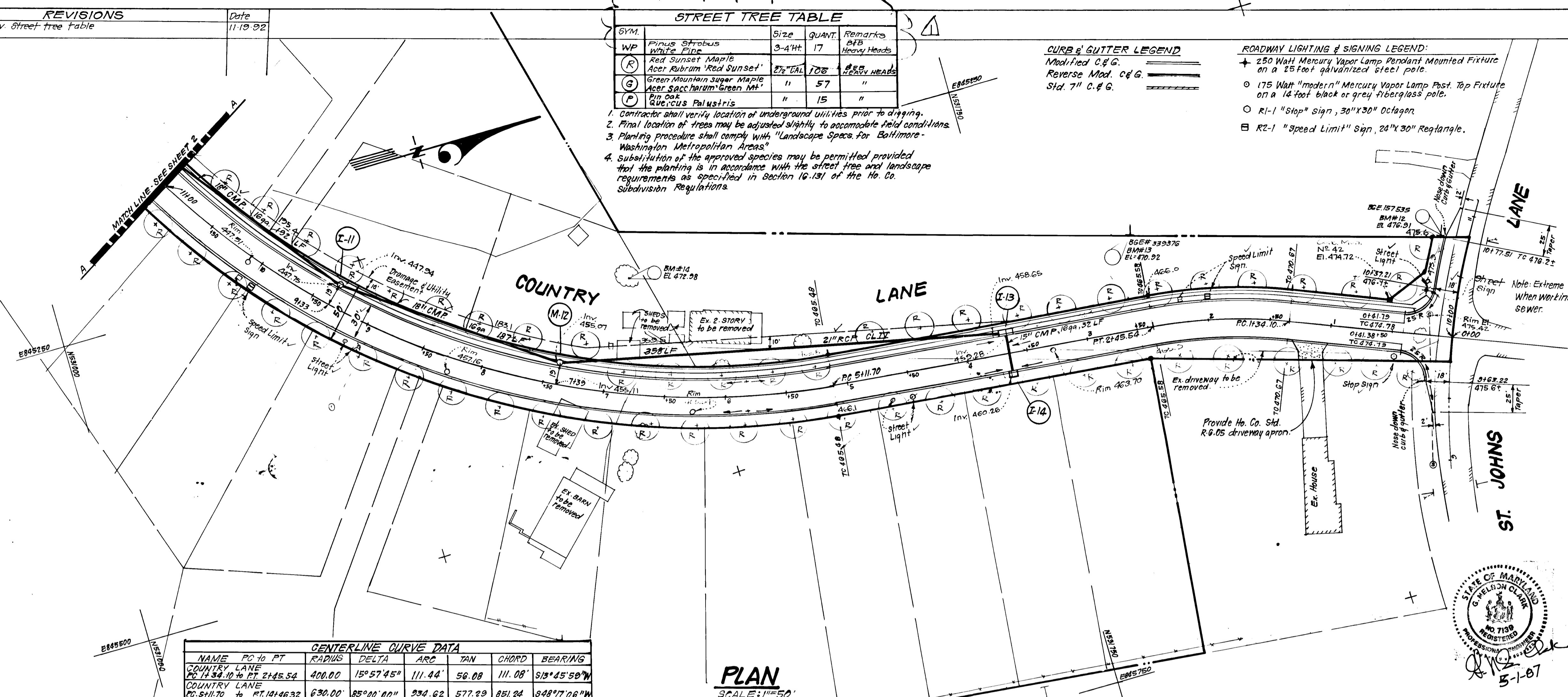
SYM.	GYM.	Size	QUANT.	Remarks
WP	Pinus strobus White Fir	3-4"HT	17	Heavy Heads
R	Red Sunset Maple Acer rubrum 'Red Sunset'	2 1/2" TAL	108	Heavy Heads
G	Green Mountain Super Maple Acer saccharum 'Green Mt'	"	57	"
P	Pin Oak Quercus palustris	"	15	"

- 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 16.131 of the Ho. Co. Subdivision Regulations.

CURB & GUTTER LEGEND
 Modified C & G.
 Reverse Mod. C & G.
 Std. 7" C & G.

ROADWAY LIGHTING & SIGNING LEGEND:
 250 Watt Mercury Vapor Lamp Pendant Mounted Fixture on a 25 Foot galvanized steel pole.
 175 Watt "modern" Mercury Vapor Lamp Post Top Fixture on a 14 foot black or grey fiberglass pole.
 R-1 "Stop" sign, 30" x 30" octagon.
 R2-1 "Speed Limit" sign, 24" x 30" Rectangle.

- GENERAL NOTES**
- All storm drain & paving shall be constructed in accordance with the latest edition and specifications of Howard County & MD SHA.
 - Types of storm drainage refer to the standard details of Ho. Co. & MD SHA.
 - Trench compaction for storm drains with road or street right of way limits shall be in accordance with "Ho. Co. Design Manual, Vol. II," Std. G-2.0.
 - Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevation of manholes 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.
 - Sign and Crest Vertical Curves were designed in accordance with "Ho. Co. Design Manual," Vol. III.
 - Provide Conc. Sidewalk Ramps, Ho. Co. Std. Type A R-4.01 where shown in plan.
 - Design Speed: See table sth. Zoning: R-20.
 - The contractor or developer shall contact the Construction Inspection/Survey Division 28 hrs. in advance of commencement of work PH. 702-7272.
 - Street lights to be placed 2'-10" behind curb and in accordance with Howard County Design Manual Vol. II.



NAME	PC to PT	RADIUS	DELTA	ARC	TAN	CHORD	BEARING
COUNTRY LANE	PC 1734.10 to PT 2145.54	400.00	15°57'45"	111.44'	56.08'	111.08'	S13°45'50"W
COUNTRY LANE	PC 511.70 to PT 1414.632	630.00	85°00'00"	934.62'	577.29'	851.24'	S48°17'06"W

PLAN
SCALE: 1"=50'

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Robert L. ... 5/31/88
 Chief, Land Development Division

James W. ... 6/1/88
 Chief, Bureau of Highways

James S. ... 6-1-88
 Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

James ... 6/1/88
 Chief, Division of Community Planning & Zoning Administration

CLARK · FINEFROCK & SACKETT, INC.
 ENGINEERS · PLANNERS · SURVEYORS

7135 MINSTREL WAY COLUMBIA, MARYLAND 21045 301-381-7500 Bldg. 301-621-8100 Wash.

DESIGNED: GLB
 DRAWN: KIW
 CHECKED: GLB

ROAD CONSTRUCTION PLANS
COUNTRY LANE

BOONE FARM

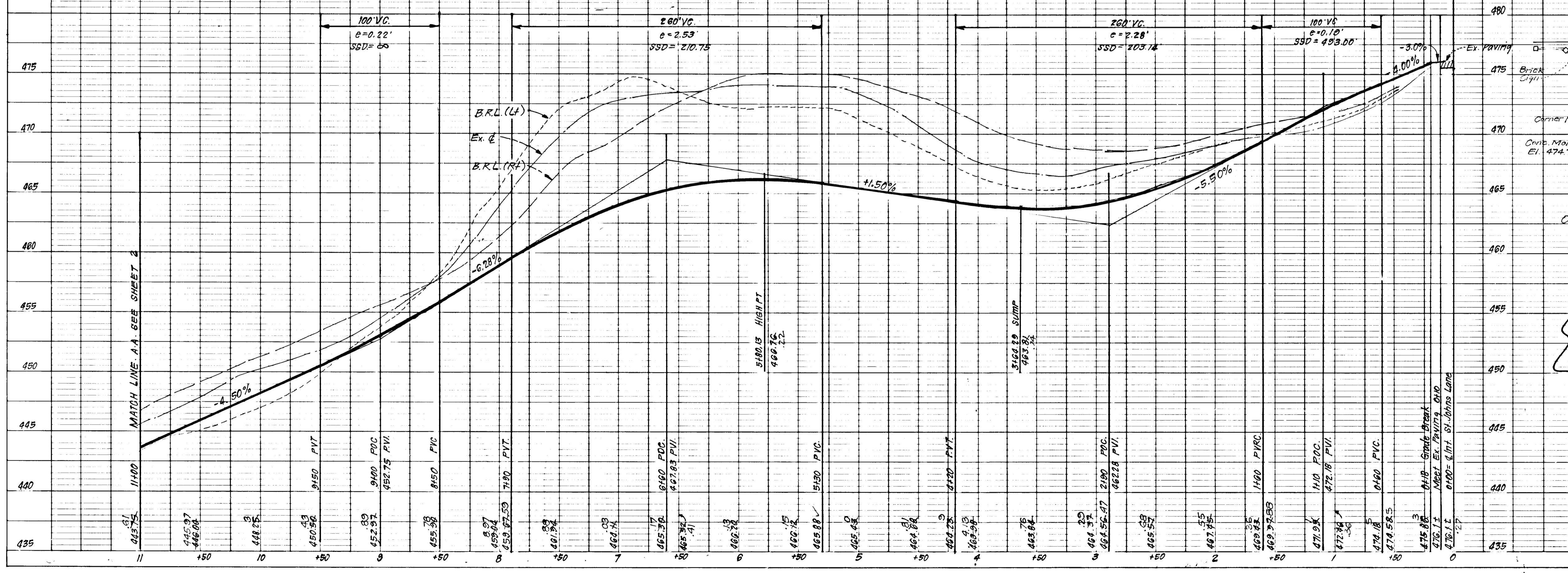
2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: COLUMBIA BUILDERS, INC. (DEVELOPER)
 3 Lafayette North Suite 200
 Columbia Md. 21044

SCALE: As Shown
 DRAWING: 1 OF 10
 JOB NO.: 86-078
 FILE NO.: 86-078-D

DATE: 1-25-88

PROFILE - COUNTRY LANE



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

PROFILE LEGEND
 Profile Grade Line
 EXISTING &
 B.R.L. (Rt)
 B.R.L. (Lt)

ST JOHNS LANE
 E 5114

COUNTRY LANE

RECOVERY SKETCH
 CONC. MON. NO. 42
 No Scale

VICINITY MAP
 SCALE: 1"=2000'

FOR AS-BUILT by
 Clark, Finefrock & Sackett, Inc.

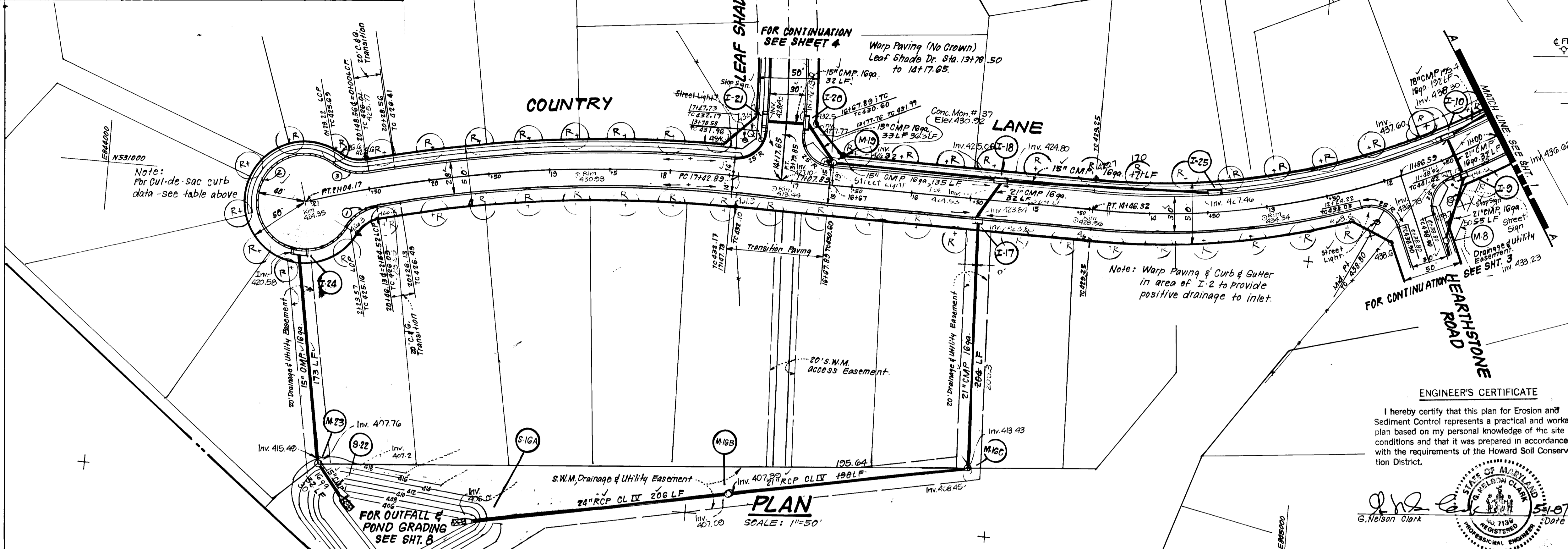
F-87-213

86-078-D 1/10

AS-BUILT

1365

CENTERLINE CURVE DATA						
NAME	PC to PT	RADIUS	DELTA	ARC	TAN	CHORD
COUNTRY LANE	PC 511.70 to RT M+46.32	630.00	85°00'00"	384.02	577.29	851.24
COUNTRY LANE	PC 1742.89 to RT 2108.17	1150.00	18°00'00"	361.28	182.14	359.80
CUL-DE-SAC = CURB DATA (1)		35.00	50°40'05"	30.95	16.57	29.95
CUL-DE-SAC = CURB DATA (2)		40.00	278°22'59"	194.35	30.54	52.28
CUL-DE-SAC = CURB DATA (3)		35.00	47°50'08"	29.22	15.52	28.38



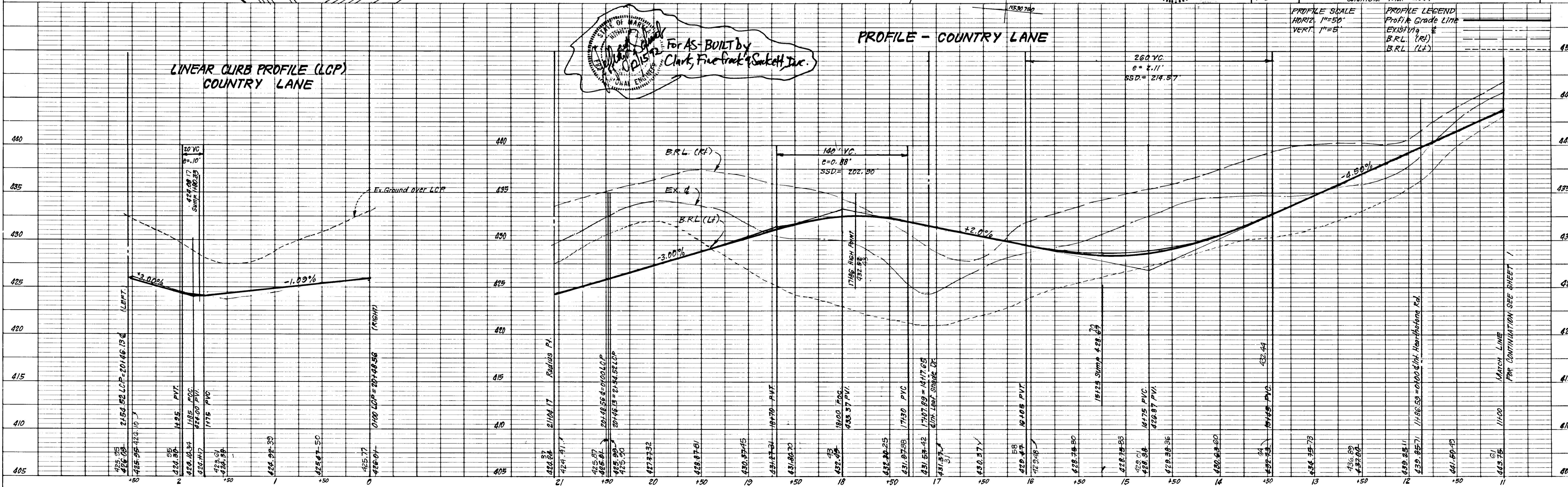
Reviewed for... *Leah...* S.C.D.
 Name
 Signature *Leah...* Date *5/2/88*
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Stuart L. Smith 5/2/88
 Approved Date

RECOVERY SKETCH CONC.-MON. #37 No Scale
 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 its authorized agents, as are deemed necessary."
Boone Child 4-29-87
 Signature of Developer/Builder Date

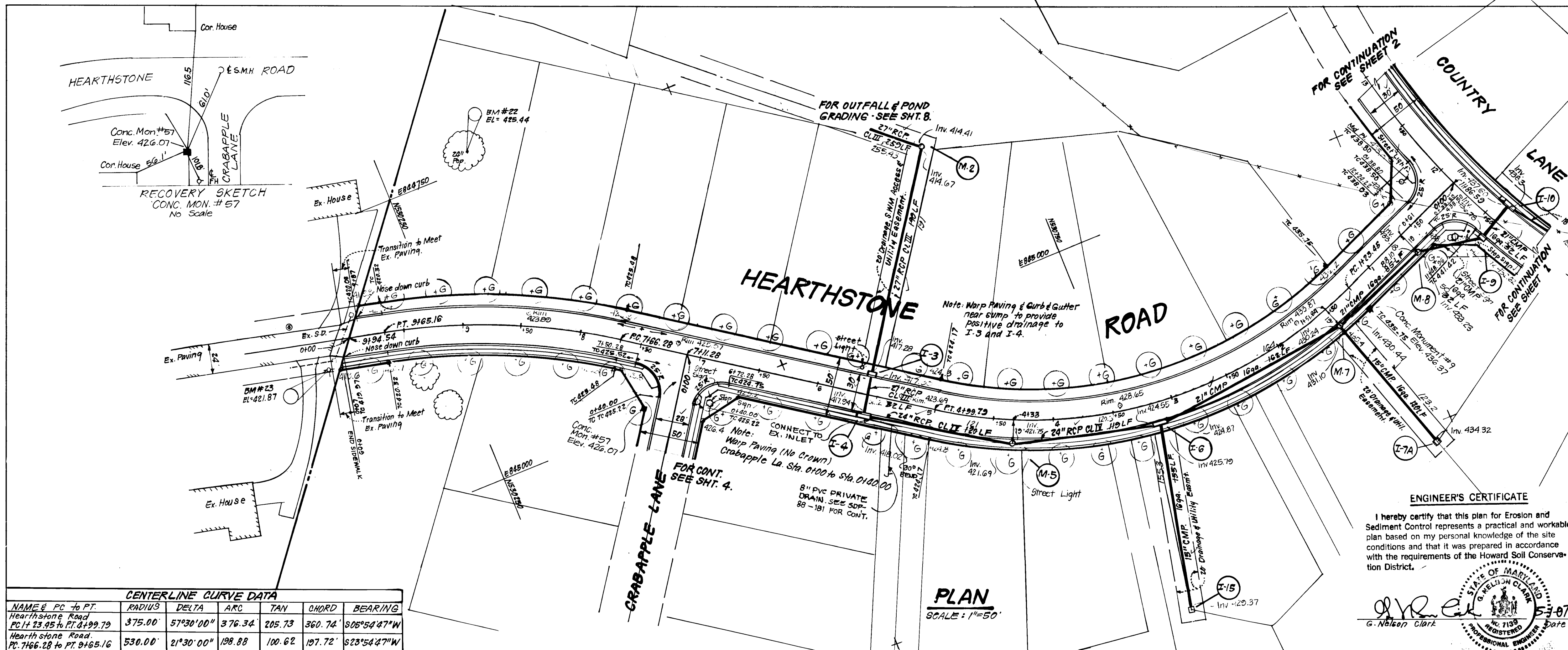
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul Bloom 5/1/88
 Chief, Land Development Division
Wendell W. Welland 6/1/87
 Chief, Bureau of Highways
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
James Smith 6/18/88
 Chief, Division of Community Planning & Zoning Administration

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS PLANNERS SURVEYORS
 7135 MINGSTREL WAY COLUMBIA, MARYLAND 21045 301-398-7500 Bldg. 301-621-8100 Wash.
 SCALE
 DESIGNED GLB ROAD CONSTRUCTION PLANS COUNTRY LANE As Shown
 DRAWN KIW 2 OF 10
 CHECKED GLB BOONE FARM JOB NO. 86-078
 DATE 1-26-88 FOR: COLUMBIA BUILDERS, INC. (DEVELOPER) FILE NO. 86-078-D
 3 Lakefront North, Suite 200 Columbia, Md. 21044

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 5-1-87
 State of Maryland Professional Engineer No. 7158



1365



CENTERLINE CURVE DATA

NAME & PC TO PT.	RADIUS	DELTA	ARC	TAN	CHORD	BEARING
Hearthstone Road PC: 11.23.45 to PT: 81.99.79	375.00	57°30'00"	376.34	205.73	360.74	S08°54'47"W
Hearthstone Road PC: 71.66.28 to PT: 91.65.16	530.00	21°30'00"	198.88	100.62	197.72	S23°54'47"W

Reviewed for: Howard S.C.D.
Name
Satisfies Technical Requirements
Signature: James M. Clark Date: 5/17/88
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. Clark Date: 5/17/88
Approved

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: James M. Clark Date: 4-27-87
Signature of Developer/Builder

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Signature: Paul B. Seaman Date: 5/31/88
Chief, Land Development Division

Signature: James M. Clark Date: 5/17/88
Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Signature: James M. Clark Date: 5/17/88
Chief, Division of Community Planning & Land Development

CLARK · FINEFROCK & SACKETT, I.N.C.
ENGINEERS · PLANNERS · SURVEYORS

7135 MINS TREL WAY COLUMBIA, MARYLAND 21045 301-381-7500 Bolt 301-621-8100 Wash.

DESIGNED: GLB SCALE: As Shown

DRAWN: GLB DRAWING: 30 of 10

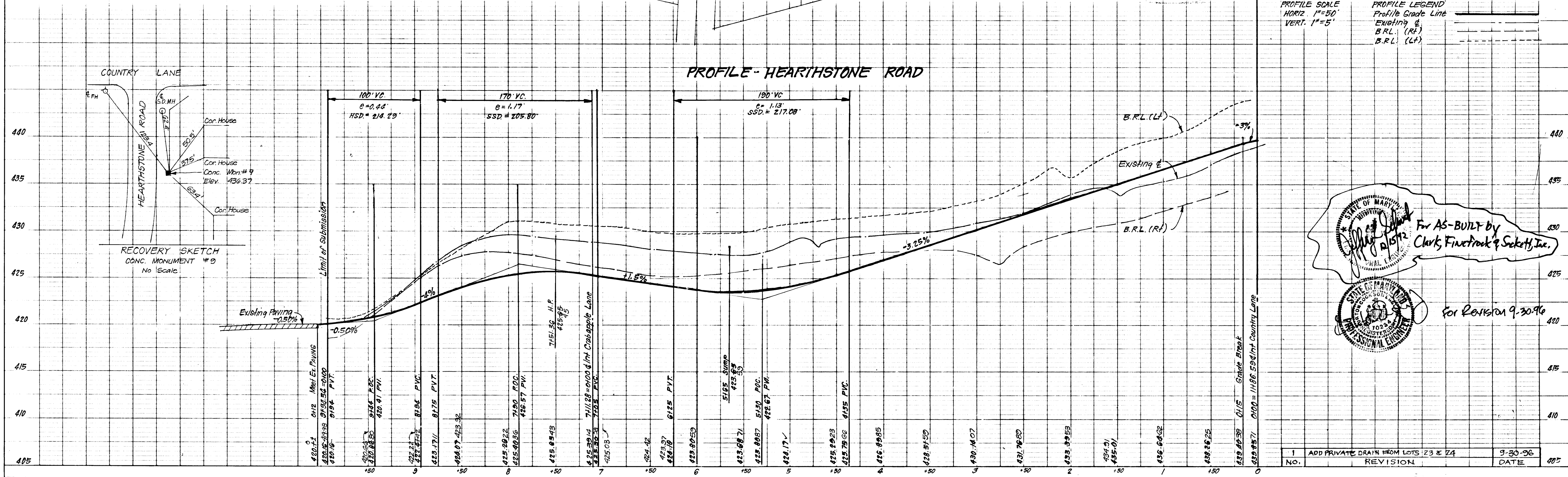
CHECKED: GLB JOB NO.: 86-078

DATE: 1-25-88 FOR: COLUMBIA BUILDERS, INC. (DEVELOPER) FILE NO.: 86-078-D
3 Lake Front, North Suite 200
Columbia, Md. 21044

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: 5-3-87
Professional Engineer

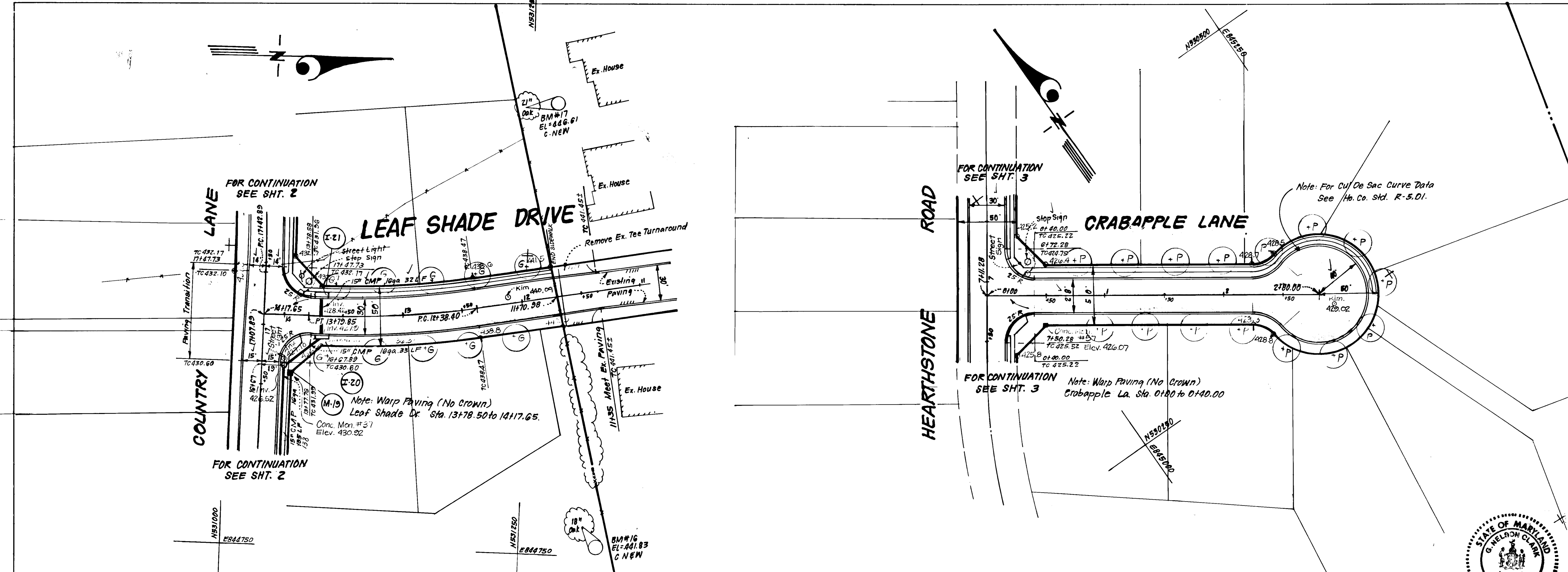
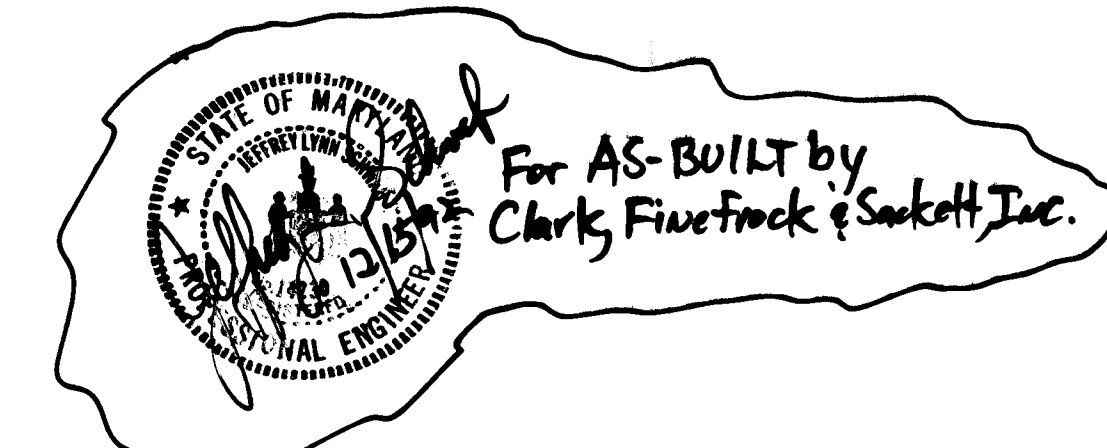


For AS-BUILT by
Clark, Finefrock & Sackett, Inc.

For Revision 9-30-96

No.	REVISION	DATE
1	ADD PRIVATE DRAIN FROM LOTS 23 & 24	9-30-96

1365



CENTERLINE CURVE DATA						
NAMED PC to PT	RADIUS	DELTA	ARC	CHORD	BEARING	
Leaf Shade Drive PC 12138.40 to PT 13179.85	745.00'	10°52'42"	141.45'	70.94'	141.24'	N04°53'15"W

PLAN
SCALE: 1"=50'

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Small Johnson 5/31/88
Chief, Land Development Division

Draville W. Weiland 6/1/88
Chief, Bureau of Highways

James A. Ryan 6-2-88
Chief, Bureau of Engineering

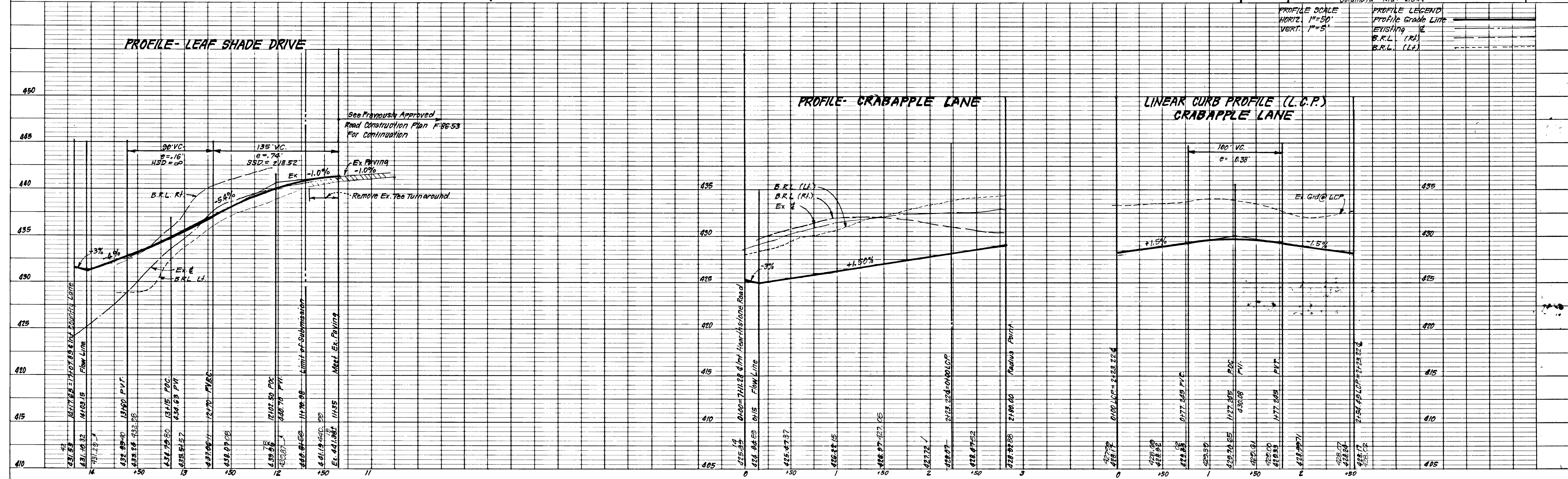
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

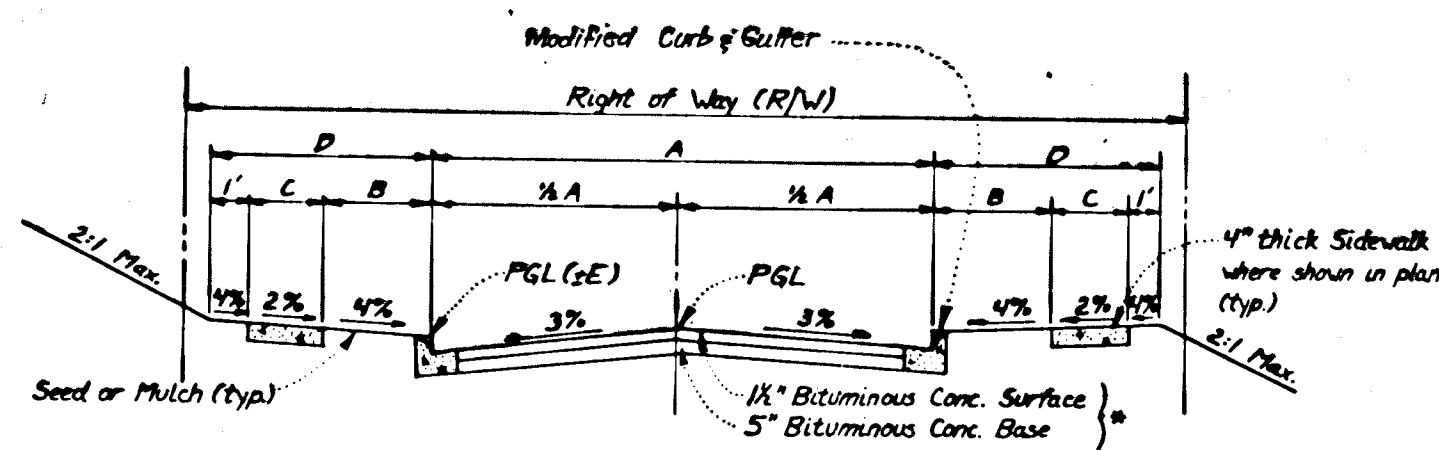
James Smith 6/1/88
Chief, Division of Community Planning & Land Development

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

DESIGNED GLB	ROAD CONSTRUCTION PLANS LEAF SHADE DRIVE & CRABAPPLE LANE	SCALE As Shown
DRAWN KIW	BOONE FARM	DRAWING 4 OF 10
CHECKED GLB		JOB NO. 86-078
DATE 1-25-88	FOR COLUMBIA BUILDERS, INC. (DEVELOPER) 3 Lakefront North, Suite 200 Columbia, Md. 21044	FILE NO. 86-078-D

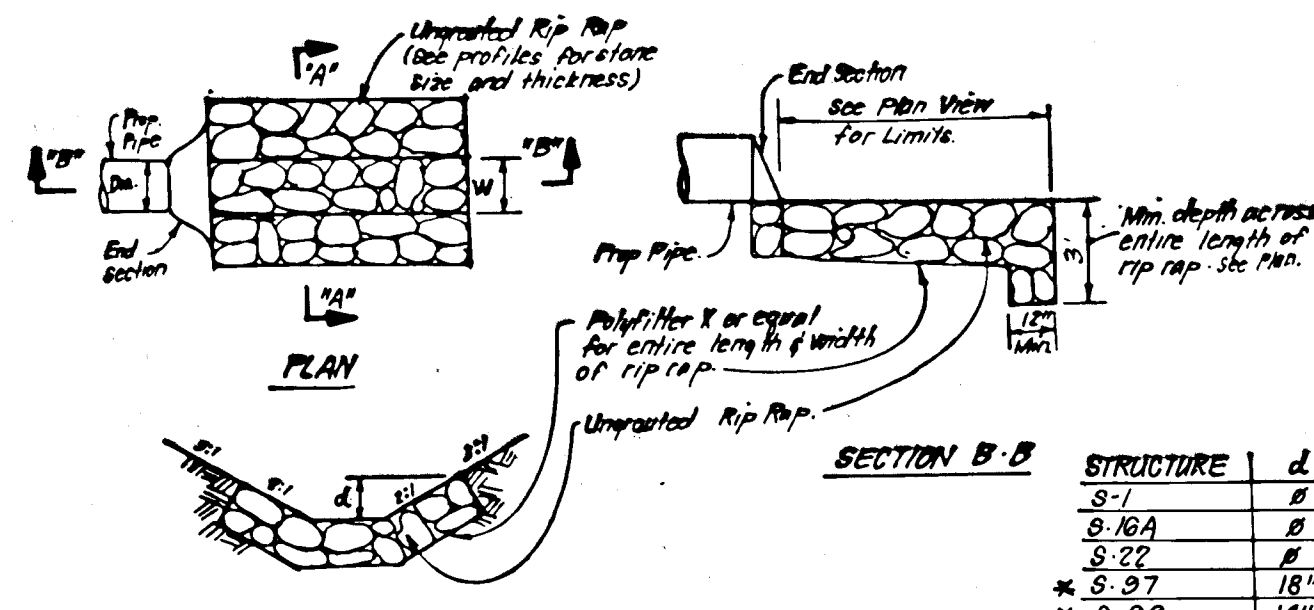
1365





TYPICAL PAVING SECTION - PUBLIC ROADS
 For Alternate Paving Section - See det. this sht.

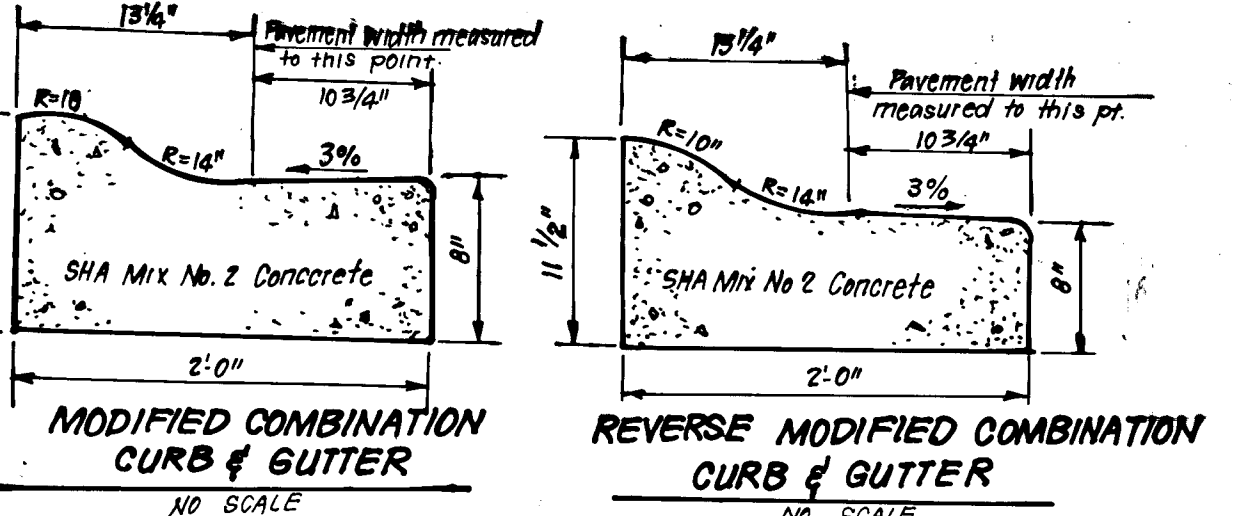
STREET NAME & STATION	TYPE OF TRAFFIC	A	B	C	D	R/W	ZONING	DESIGN SPEED	E
COUNTRY LANE STA. 2100 TO 16+77.80	LOCAL	30'	4'	9'	50'	R-20	R-20	30 mph	13
COUNTRY LANE STA. 16+77.80 TO 17+73	CUL-DE-SAC	28'	4'	9'	50'	R-20	R-20	30 mph	10
WEATHERSTONE ROAD STA. 0+00 TO 28+94.86	LOCAL	30'	4'	9'	50'	R-20	R-20	30 mph	13
LEAF AVENUE STA. 11+70 TO 16+17.85	LOCAL	30'	4'	9'	50'	R-20	R-20	30 mph	13
DEARBORN LANE STA. 0+00 TO 230+00	CUL-DE-SAC	28'	4'	9'	50'	R-20	R-20	30 mph	10



SECTION A-A
UNGRADED RIPRAP PAVING DETAILS
 NO SCALE

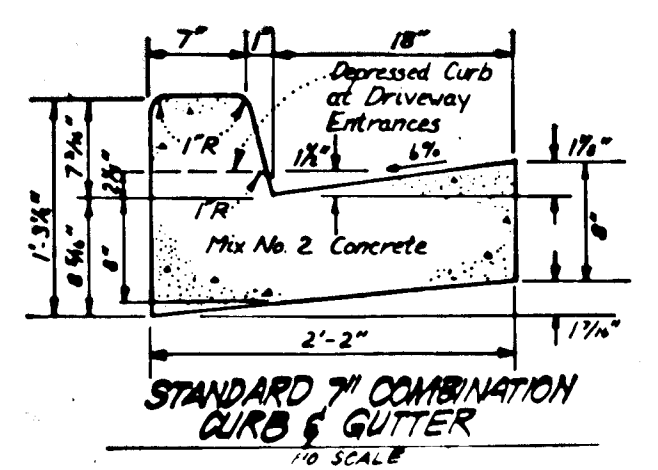
STRUCTURE	d	W
S-1	54"	54"
S-10A	60"	30"
S-27	18"	30"
S-97	18"	54"
S-99	14"	42"

Level Section in Bottom of Pond.
 * rip rap slope protection to be placed to top of bank at width = W as specified above.

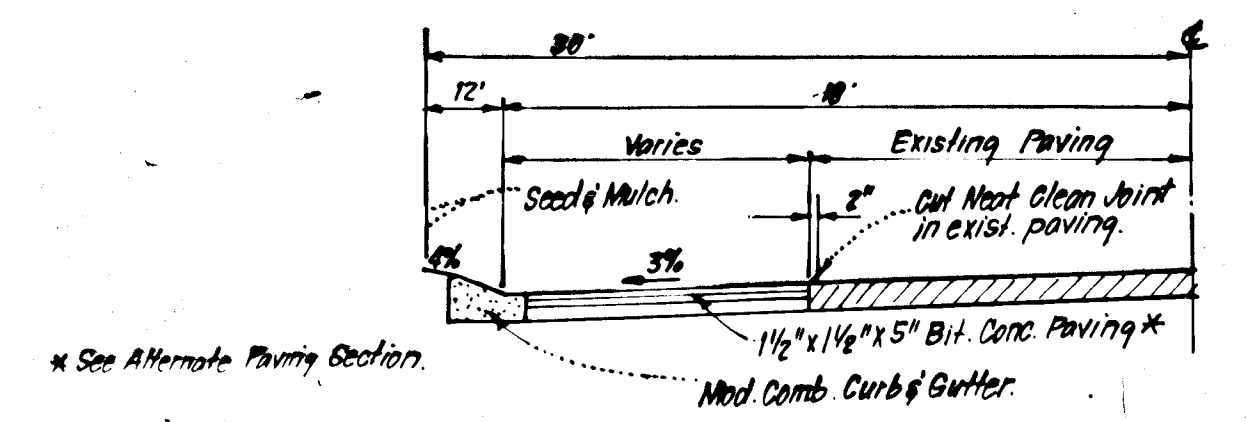


MODIFIED COMBINATION CURB & GUTTER
 NO SCALE

REVERSE MODIFIED COMBINATION CURB & GUTTER
 NO SCALE



STANDARD COMBINATION CURB & GUTTER
 NO SCALE



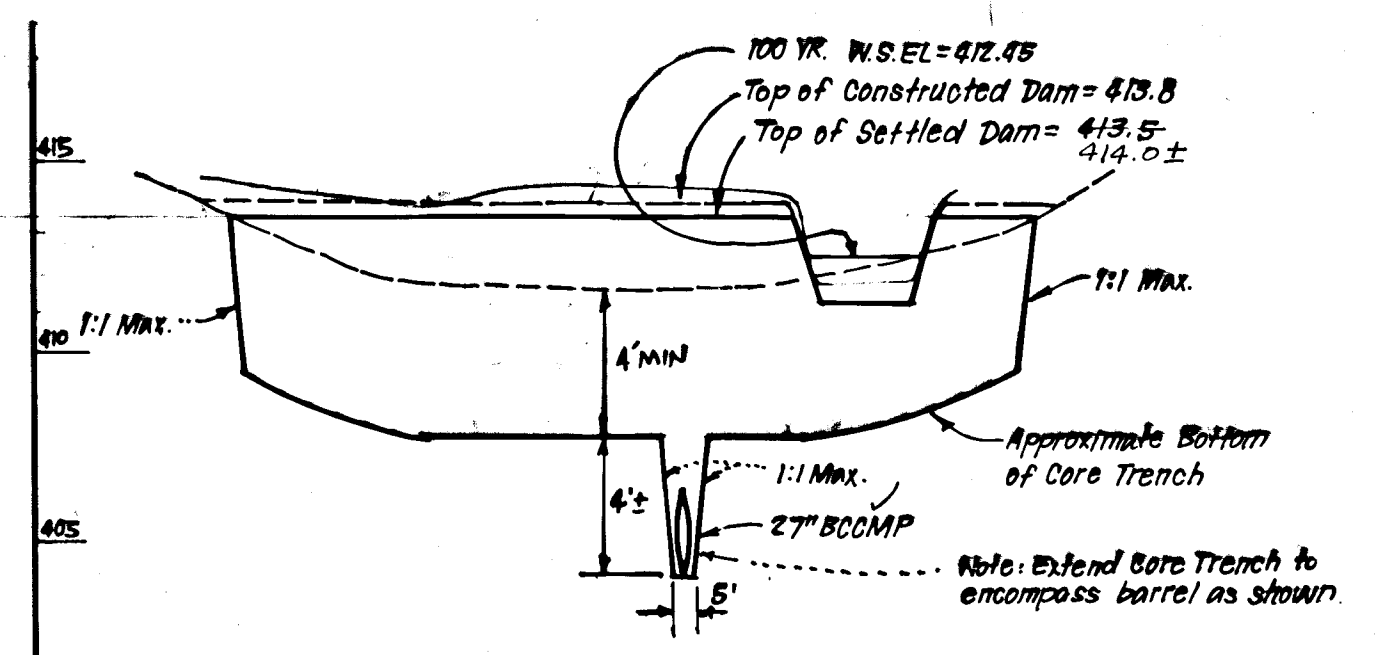
TYPICAL HALF-SECTION - ST. JOHNS LANE (MINOR COLLECTOR)
 SCALE: 1/2" = 1'-0"

NOTE: Min. Widening Strip to Be 4'. See Ho. Co. Detail R10.01 For Details not shown.

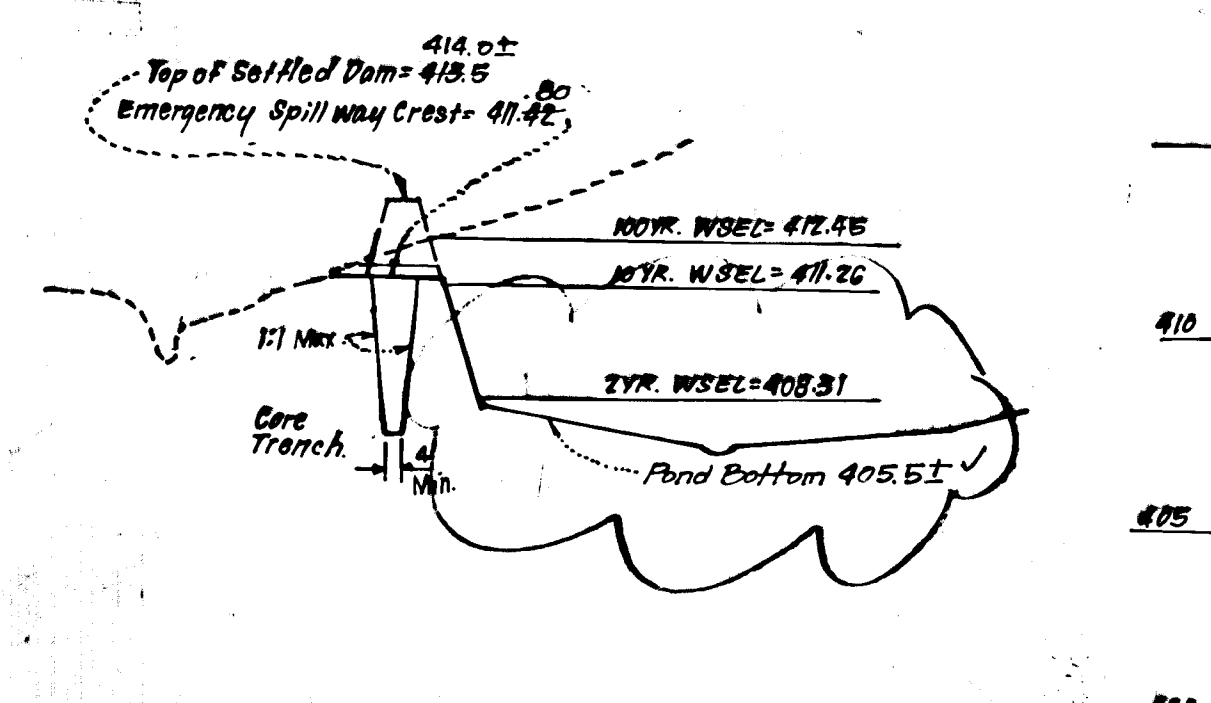
Bituminous Conc. Surface	1/2"
Bituminous Conc. Base	2 1/4"
Prime	
1" Crusher Run Base (Placed in 2 Courses)	8" or 6"
or	
1" Dense Graded Stabilized Aggregate Base Course	6" or 4 1/2"

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

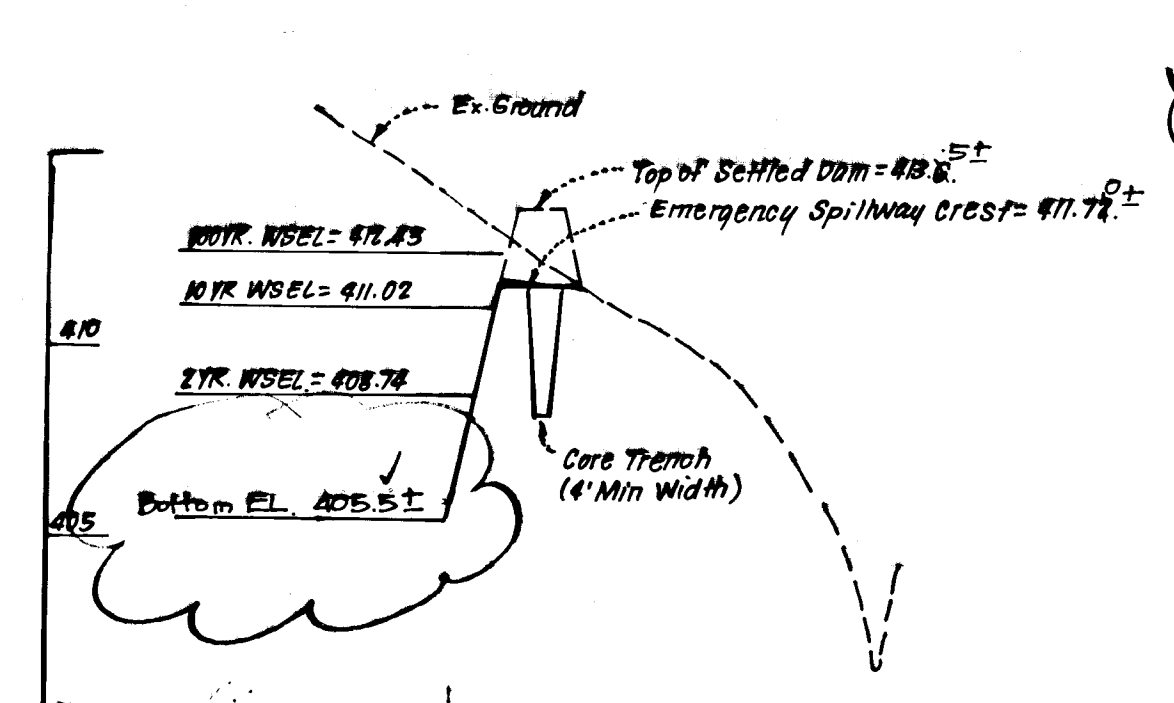
ALTERNATE PAVING SECTION FOR MAJOR/MINOR COLLECTOR (SECTION P-3)
 NO SCALE



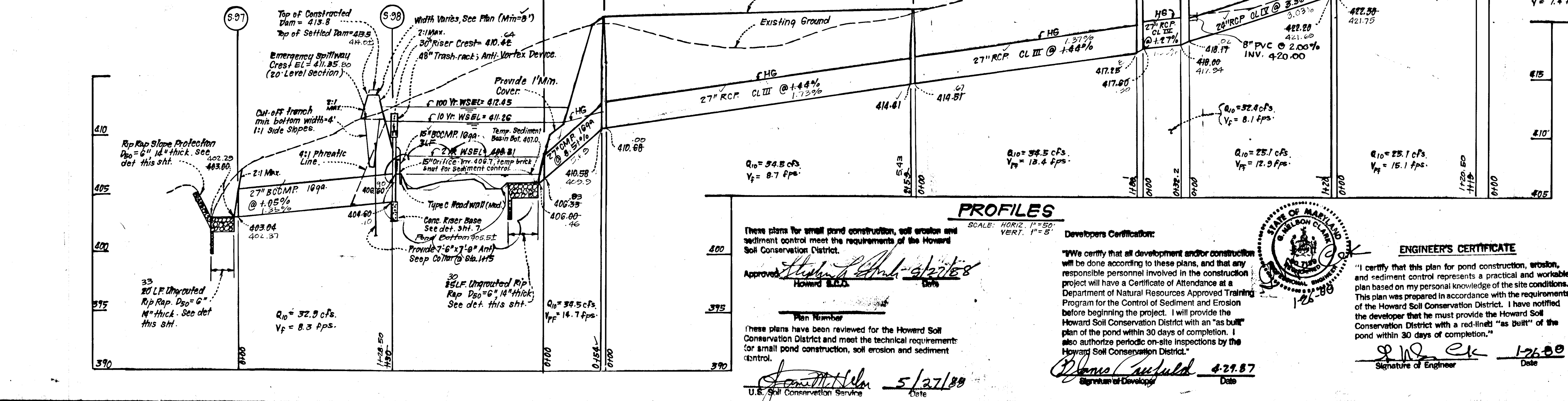
POND NO. 1
PROFILE THROUGH & DAM (LOOKING UPSTREAM)
 Downstream



PROFILE THROUGH EMERGENCY SPILLWAY POND 1
 SCALES: HORIZ. 1" = 50' VERT. 1" = 5'



PROFILE THROUGH EMERGENCY SPILLWAY POND 2
 SCALES: HORIZ. 1" = 50' VERT. 1" = 5'



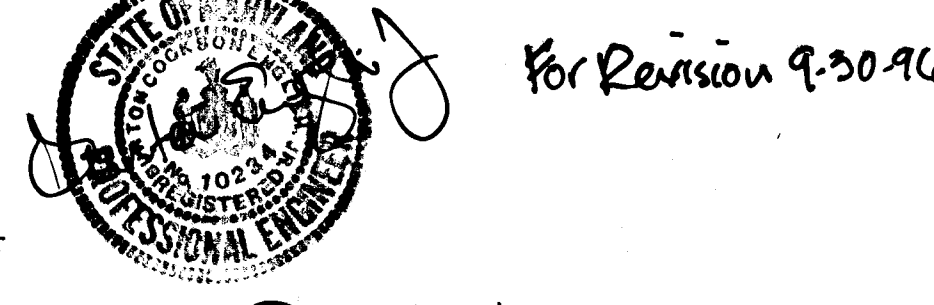
PROFILES
 SCALE: HORIZ. 1" = 50' VERT. 1" = 5'

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.
 Approved: *Howard E. Sackett* 5/27/88
 Howard E. Sackett, Inc.
 Plan Number: *5/27/88*
 These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirement for small pond construction, soil erosion and sediment control.
 Approved: *James M. Allen* 5/27/88
 U.S. Soil Conservation Service

DEVELOPERS CERTIFICATION
 "We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."
 Approved: *Donald S. Sack* 4-21-87
 Signature of Developer Date

ENGINEER'S CERTIFICATE
 "I certify that this plan for pond construction, erosion, and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."
 Approved: *James M. Allen* 5/27/88
 Signature of Engineer Date

NO.	REVISION	DATE
2	ADD PRIVATE DRAIN CONNECTION ON E-4	9-30-96



For Revision 9-30-96

Rev.	Rev. Pond Bottom	Date
1		11-19-82
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 2115 MINISTREEL WAY • COLUMBIA MD 21045 • (301) 381-7200 • HALTOM • (800) 471-1180 • WASH.

ROAD CONSTRUCTION PLANS
STORM DRAIN & S.W.M. PROFILES & PAVING DETAILS

BOONE FARM
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: COLUMBIA BUILDERS, INC. (DEVELOPER)
 3 Latefront North, Suite 200
 Columbia Md. 21044

DESIGNED: **GLB**
 DRAWN: **KTH**
 CHECKED: **GLB**
 DATE: 1-25-88

SCALE: AS SHOWN
 DRAWING: 6 OF 10
 JOB NO: 86-078
 FILE NO: 86-078-D

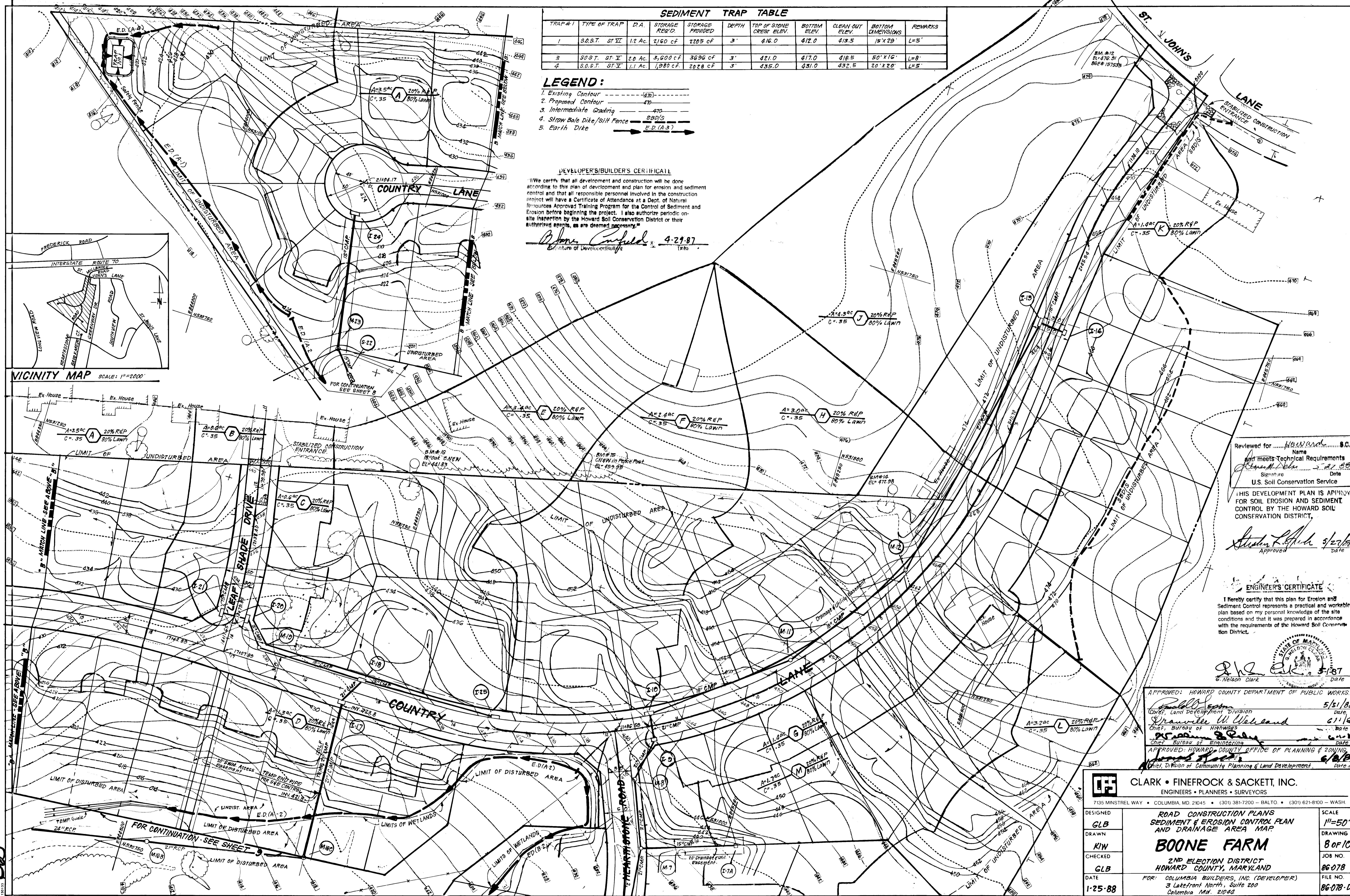
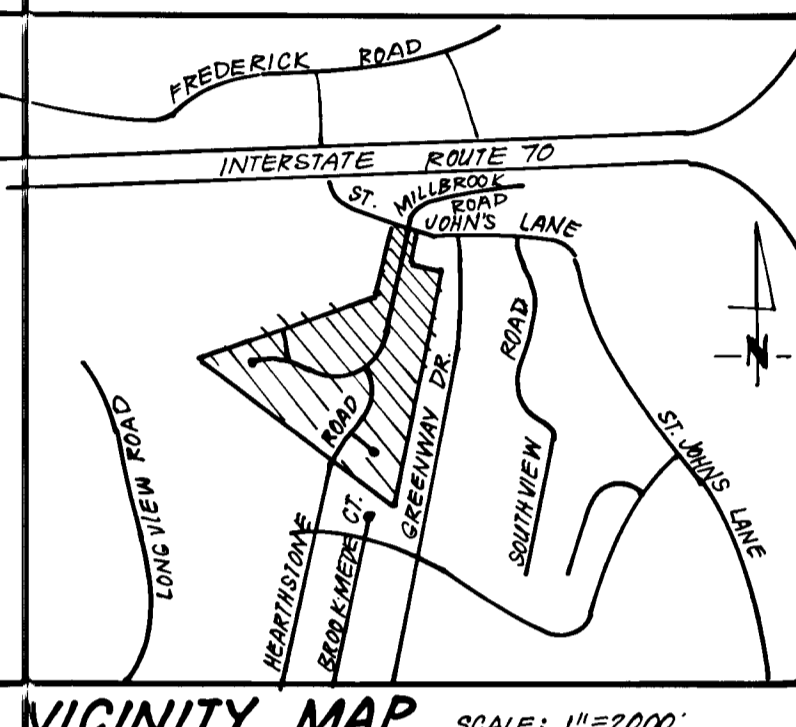
SEDIMENT TRAP TABLE										
TRAP #1	TYPE OF TRAP	D.A.	STORAGE REQ'D	STORAGE PROVIDED	DEPTH	TOP OF STONE CREST ELEV.	BOTTOM ELEV.	CLEAN OUT ELEV.	BOTTOM DIMENSIONS	REMARKS
1	S.O.S.T. ST. VI	1.2 Ac.	2160 CF	2205 CF	3'	416.0	412.0	413.5	15' X 29'	L=5'
3	S.O.S.T. ST. V	2.0 Ac.	3,200 CF	3696 CF	3'	421.0	417.0	418.5	50' X 16'	L=8'
4	S.O.S.T. ST. IV	1.1 Ac.	1,980 CF	2028 CF	3'	435.0	431.0	432.5	20' X 20'	L=5'

- LEGEND:**
- 1. Existing Contour - - - - -
 - 2. Proposed Contour - - - - -
 - 3. Intermediate Grading - - - - -
 - 4. Straw Bale Dike/Silt Fence - SBD/S
 - 5. Earth Dike - E.D. (A.3)

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.

John Confield 4-29-87
 Signature of Developer/Builder Title



Reviewed for... *Howard*... S.C.D. Name
 and meets Technical Requirements
John Confield 4-29-87 Signature Date
 U.S. Soil Conservation Service

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

Steven L. Clark 5/27/88 Approved 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 5-28-87 Date
 G. Nelson Clark

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul D. Egan 5/31/88 Date
 Chief, Land Development Division
Draville W. Wickland 6/1/88 Date
 Chief, Bureau of Highways
Gregory S. Egan 6/2/88 Date
 Chief, Bureau of Engineering
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
James H. Hall Date
 Chief, Division of Community Planning & Land Development

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

DESIGNED	GLB	SCALE	1"=50'
DRAWN	KIW	DRAWING	8 OF 10
CHECKED	GLB	JOB NO.	86-078
DATE	1-25-88	FILE NO.	86-078-D

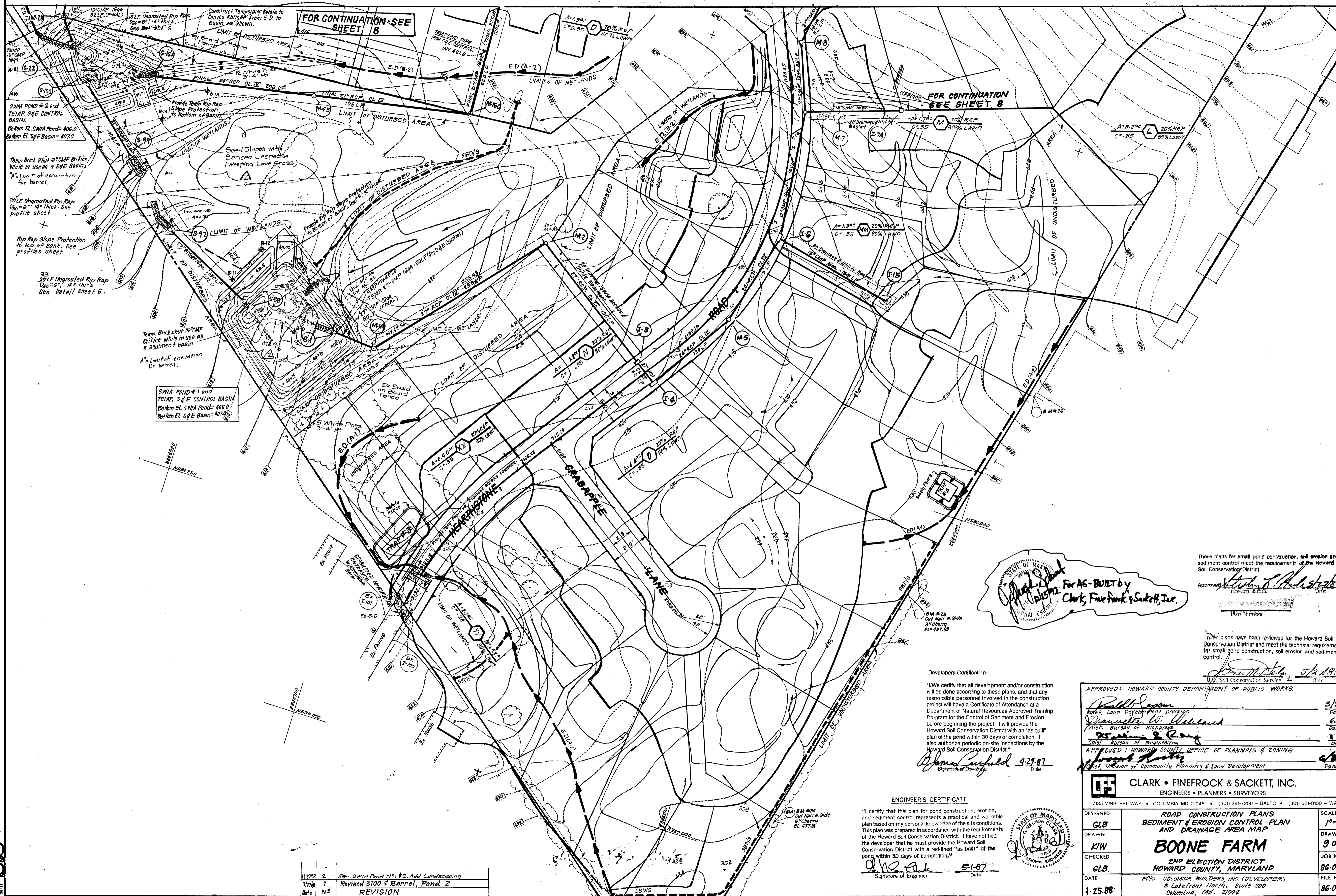
**ROAD CONSTRUCTION PLANS
 SEDIMENT & EROSION CONTROL PLAN
 AND DRAINAGE AREA MAP**

BOONE FARM

2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: COLUMBIA BUILDERS, INC. (DEVELOPER)
 3 Lakefront North, Suite 200
 Columbia, Md. 21044

1365



FOR CONTINUATION-SEE SHEET 8

FOR CONTINUATION-SEE SHEET 8

18" CMP 1699
32" LF (FINAL)
Slope 6" 14" thick
See Detail Sheet G

Construct Temporary Swale to Convey Runoff from E.D. to Basin, as Shown.

LIMIT OF DISTURBED AREA

TEMPERD PIPE FOR S/E CONTROL INV. 421.8

A=1.34c
C=0.35
20% R.F.P.
80% L.A.W.T.

ED(A-2)

LIMITS OF WETLANDS

18" CMP 1699

A=1.74c
C=0.35
20% R.F.P.
80% L.A.W.T.

A=3.20c
C=0.35
20% R.F.P.
80% L.A.W.T.

20" LF Unrooted Rip Rap
D₅₀=6" 14" thick
See profile sheet

Rip Rap Slope Protection to top of Bank. See profile sheet

33
20" LF Unrooted Rip Rap
D₅₀=6" 14" thick
See Detail Sheet G.

Temp Brick shut 15" CMP
Orifice while in use as a S/E Basin.

"A" Limit of excavation for barrel.

20" LF Unrooted Rip Rap
D₅₀=6" 14" thick
See profile sheet

Temp Brick shut 15" CMP
Orifice while in use as a S/E Basin.

"A" Limit of excavation for barrel.

SWM POND # 2 and TEMP. S/E CONTROL BASIN
Bottom EL. SWM Pond= 406.0
Bottom EL. S/E Basin= 407.0

Temp Brick shut 15" CMP
Orifice while in use as a S/E Basin.

"A" Limit of excavation for barrel.

SWM POND # 1 and TEMP. S/E CONTROL BASIN
Bottom EL. SWM Pond= 406.0
Bottom EL. S/E Basin= 407.0

1365

Date	No.	REVISION
11/22	2	Rev. SWM Pond N51 #2, Add Landscaping
7/27	1	Revised S100 f Barrel, Pond 2
	N#	

Approved: *John C. Clark* 5/27/87
Engineers E.C.D.

Plan Number

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

Approved: *James M. Steg* 5/27/87
U.S. Soil Conservation Service

Developers Certification:

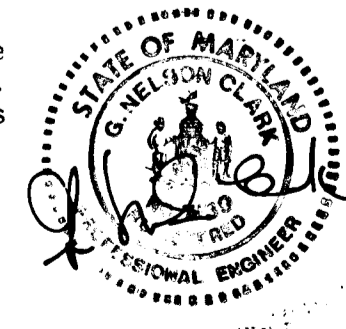
"I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

Thomas C. Sackett 4-27-87
Signature of Developer

ENGINEER'S CERTIFICATE

"I certify that this plan for pond construction, erosion, and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."

John C. Clark 5-1-87
Signature of Engineer



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	
<i>Donald E. Coon</i>	5/31/88
Chief, Land Development Division	Date
<i>Charles W. Wallace</i>	6/1/87
Chief, Bureau of Highways	Date
<i>James M. Steg</i>	
Chief, Bureau of Engineering	Date
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.	
<i>James M. Steg</i>	5/27/87
Chief, Division of Community Planning & Land Development	Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7200 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED GLB	ROAD CONSTRUCTION PLANS SEDIMENT & EROSION CONTROL PLAN AND DRAINAGE AREA MAP	SCALE 1"=50'
DRAWN KIW	BOONE FARM	DRAWING 9 OF 10
CHECKED GLB	2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 86-078
DATE 4-25-88	FOR: COLUMBIA BUILDERS, INC. (DEVELOPER) 3 Lafayette North, Suite 200 Columbia, Md. 21044	FILE NO. 86-078-D

