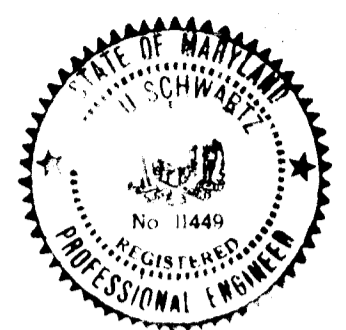


NOTE: TRAFFIC SIGNAL TO BE INSTALLED AT INTERSECTION OF BRAMPTON PARKWAY AND MARYLAND ROUTE 103.
 ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS CURRENT EDITION.



DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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.
 Date: 11/2/87

ENGINEER'S CERTIFICATE
 I 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.
 Date: 09/09/87

REVIEWED FOR HOWARD S.C.D. AND METS TECHNICAL REQUIREMENTS
 Date: 11-2-87

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Date: 11-2-87

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Date: 12/10/87

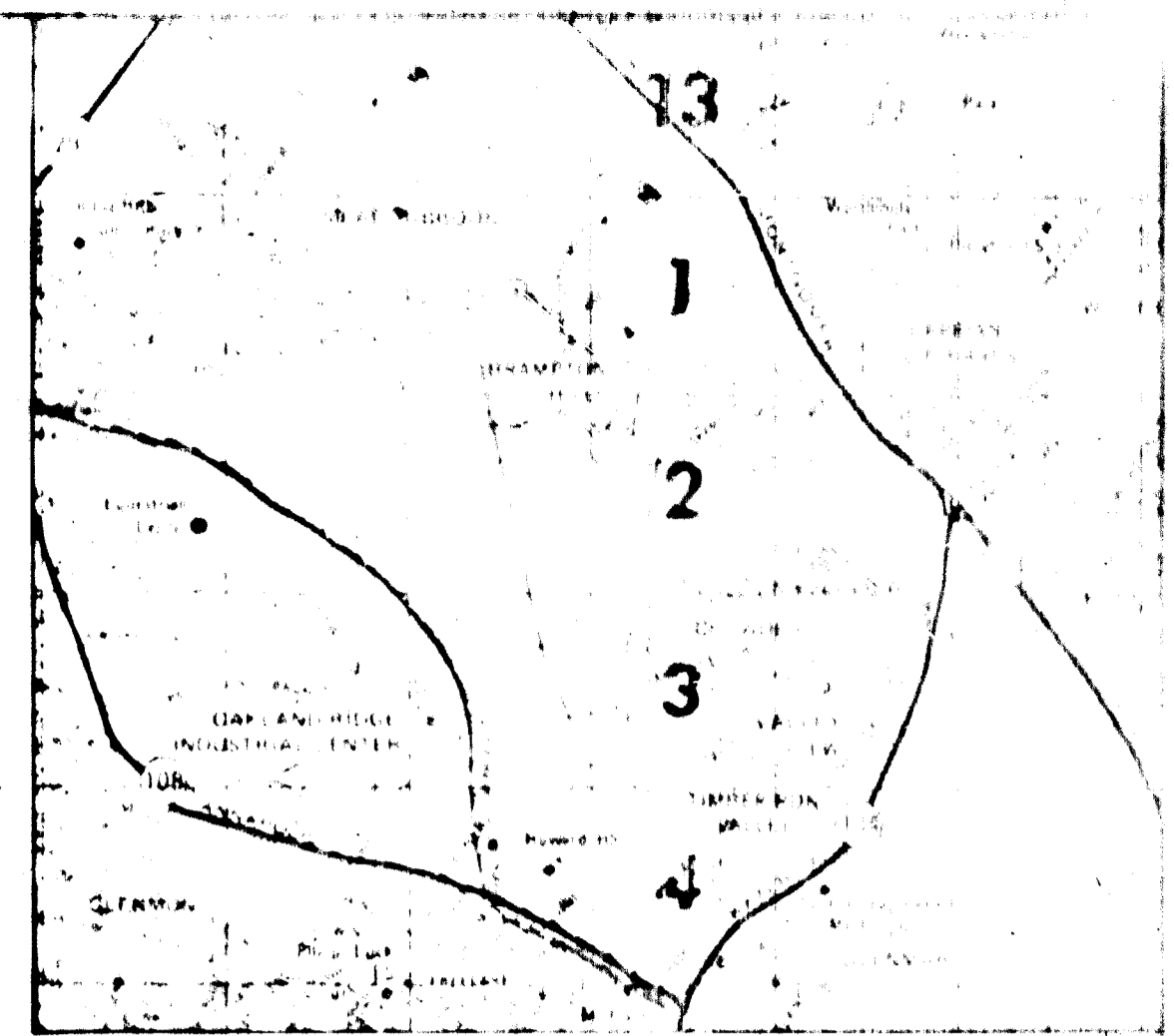
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Date: 12/10/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Date: 12/10/87

following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within:
 1) Seven (7) calendar days for all perimeter sediment control structures, dikes, mounds, ditches, perimeter slopes and all slopes greater than 3:1; 2) Fourteen (14) days as to all other disturbed or graded areas on the project site.

NOTE: The contractor or developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 752-1272.

NOTE: HORIZONTAL AND VERTICAL CONTROL POINTS FOR E/W SHOWN HEREON WERE BASED ON EXISTING MONUMENTATION WITHIN THE SUBDIVISION. VERTICAL VALUES BASED ON MONUMENTATION SET BY CLARK, FINEROCK & SACKETT, SEPT 1895 DURING THE AS-BUILT OF BRAMPTON PARKWAY (F 80-44). HOWARD COUNTY CONTROL POINTS 2843001 & 2843002 NOW DESTROYED.



NOTE: LOT GRADINGS TO BE SHOWN ON SITE DEVELOPMENT PLAN TO BE SUBMITTED AT A LATER DATE.

020

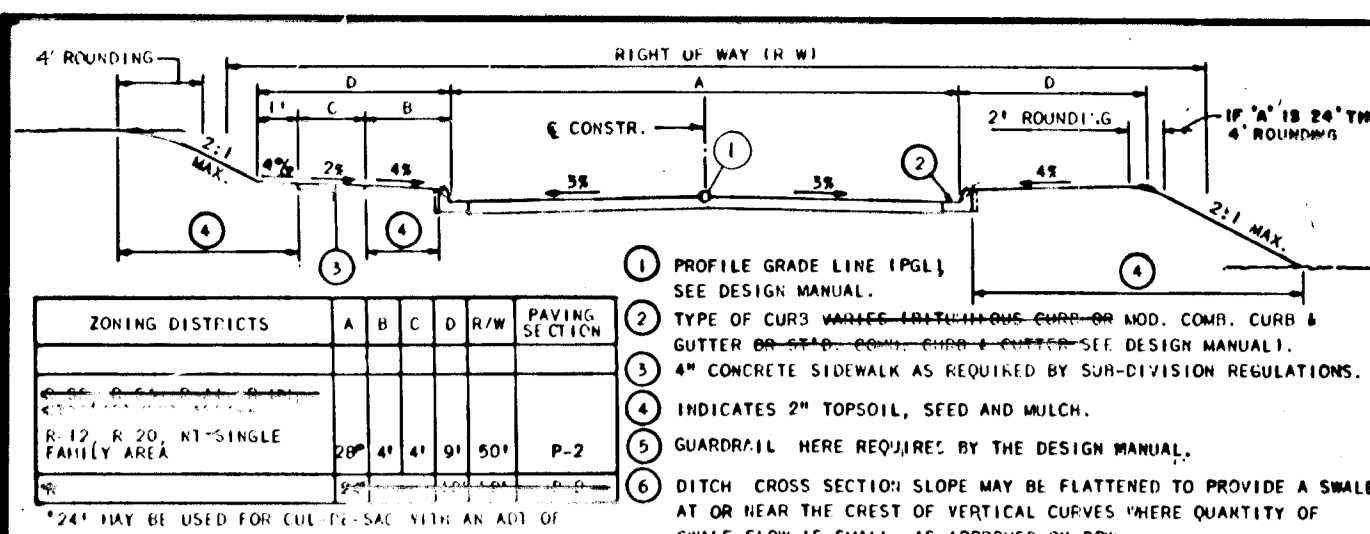
DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

DRAINAGE AREA MAP
 SECTION 4 - AREA 3
 BRAMPTON HILLS
 TO MAP SCALE, PARCEL OF BRAMPTON CITY 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

S-80-83
 P-81-00
 F-88-51

MAM 1
 M.L.S. 8
 1"=100' 160-02

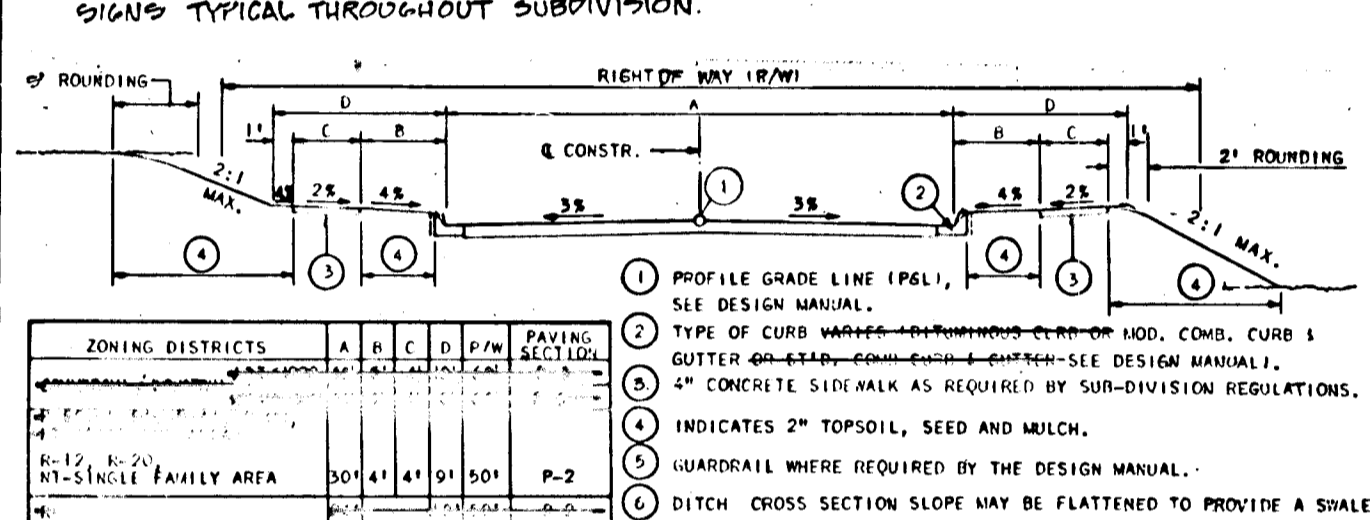
F-88-51



PT#	DESCRIPTION	ELEV
50	REBAR & CAP	486.70
51	"	487.01
52	"	488.14
53	"	493.45
54	"	492.46
55	"	491.82
56	"	493.84
57	"	492.98
58	"	479.46
59	"	479.82
60	"	477.70
61	"	477.78

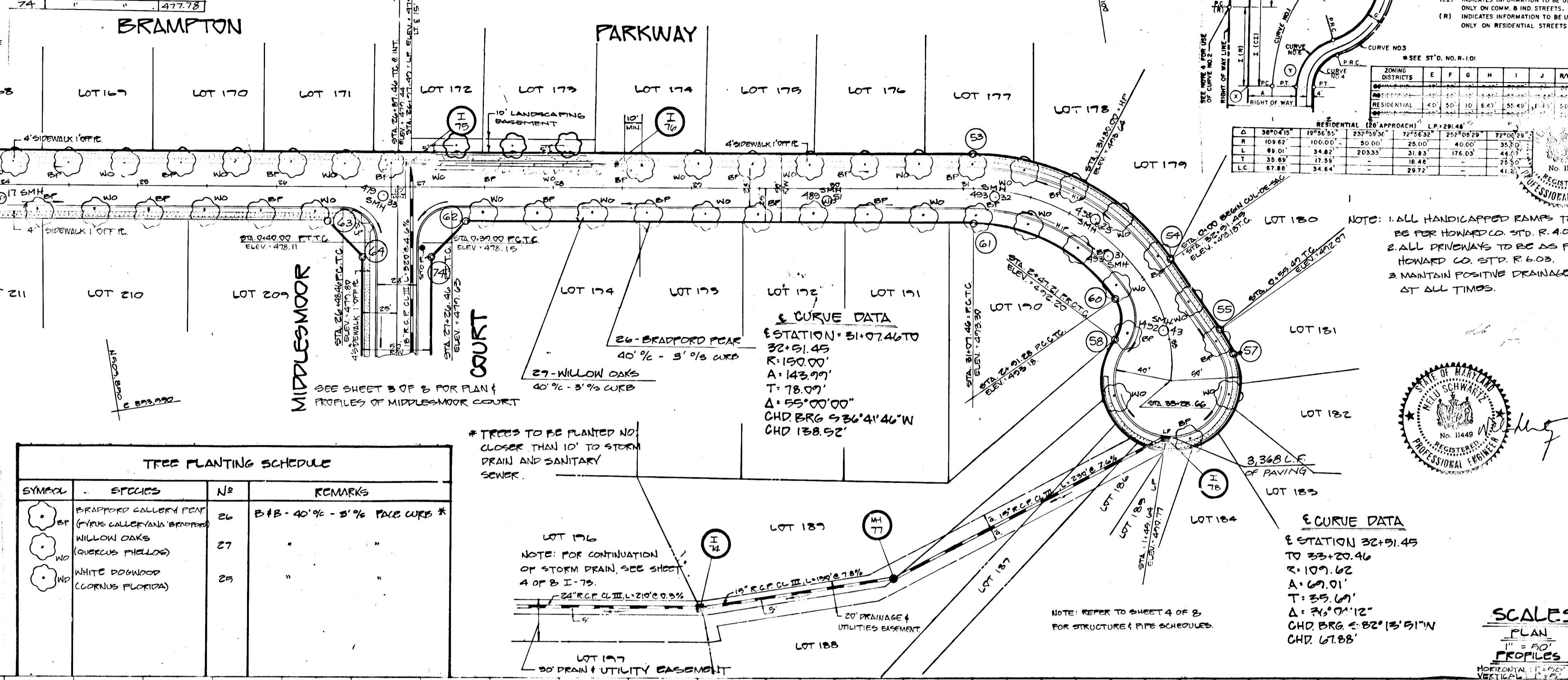
BRAMPTON PARKWAY
 STA. 21+26.46 TO 32+91.45
 30M. P.H. DESIGN SPEED
 CUL-DE-SAC STREET

LEGEND
 LP-175-WATT MODERN MERCURY VAPOR LAMP POST TOP FIXTURES ON A 14' FOOT GRAY PIPERLASS POLE LOCATED 2'-10" FROM BACK OF CURB AT THE LOCATIONS SHOWN ON THE PLAN THIS PLAN.
 R1-1 STD. SIGN - 30" x 30" OCTAGON
 R2-1 STD. SIGN - 24" x 30" RECTANGLE (25 M.P.H. & 30 M.P.H. AS NOTED ON PLANS)
 SIGNS TYPICAL THROUGHOUT SUBDIVISION.



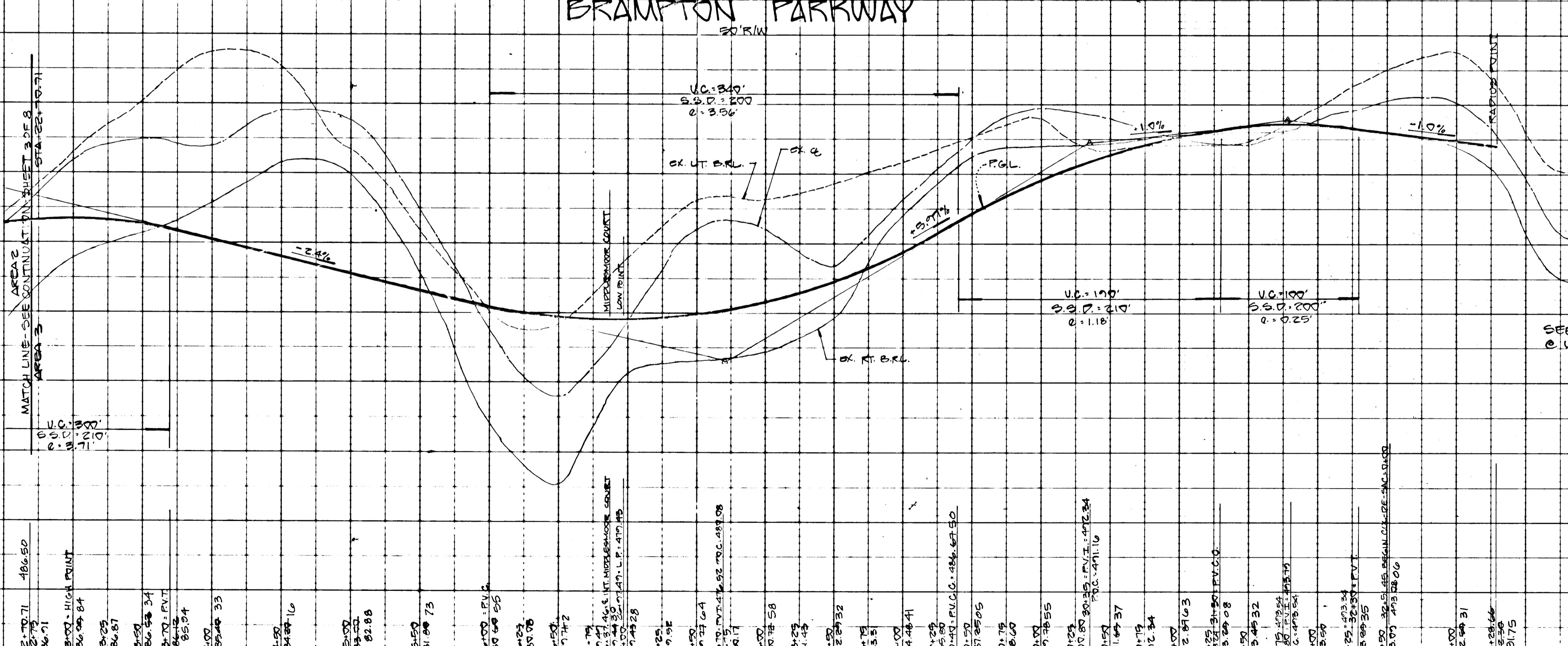
BRAMPTON PARKWAY
 25 M.P.H. DESIGN SPEED
 STA. 22+70.71 TO 26+46.64
 LOCAL STREET

PT#	DESCRIPTION	ELEV
50	REBAR & CAP	486.70
51	"	487.01
52	"	488.14
53	"	493.45
54	"	492.46
55	"	491.82
56	"	493.84
57	"	492.98
58	"	479.46
59	"	479.82
60	"	477.70
61	"	477.78



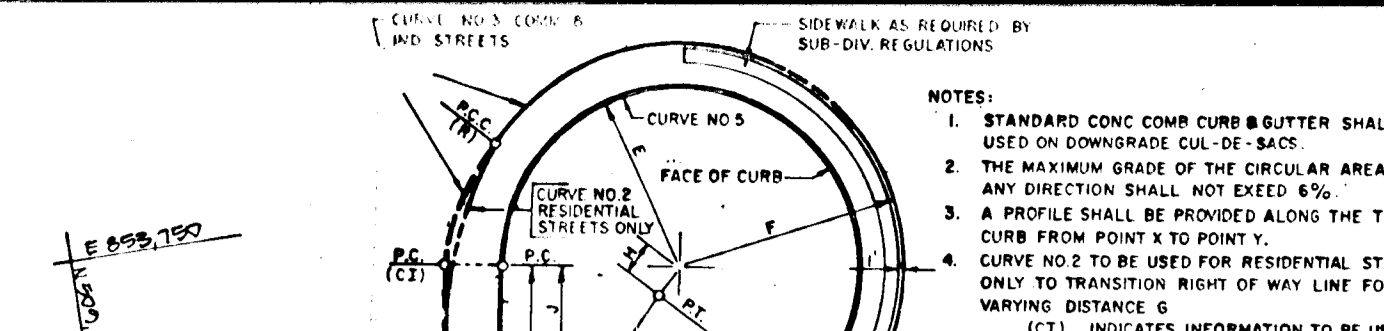
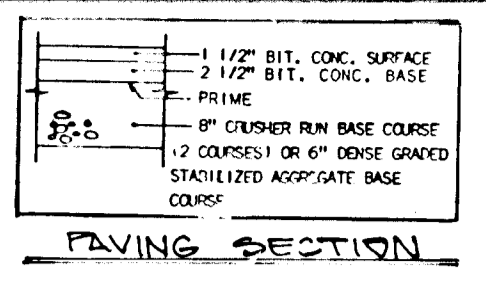
SYMBOL	SPECIES	N#	REMARKS
BT	BRADFORD CALLERY POPE (HYDR CALLERYAN BROMELIA)	26	B+B - 40% - 5% FACE CURB *
WO	WILLOW OAKS (QUERCUS PHELLOS)	27	"
WD	WHITE DOGWOOD (CORNUS FLORIDA)	28	"

* TREES TO BE PLANTED NO CLOSER THAN 10' TO STORM DRAIN AND SANITARY SEWER.

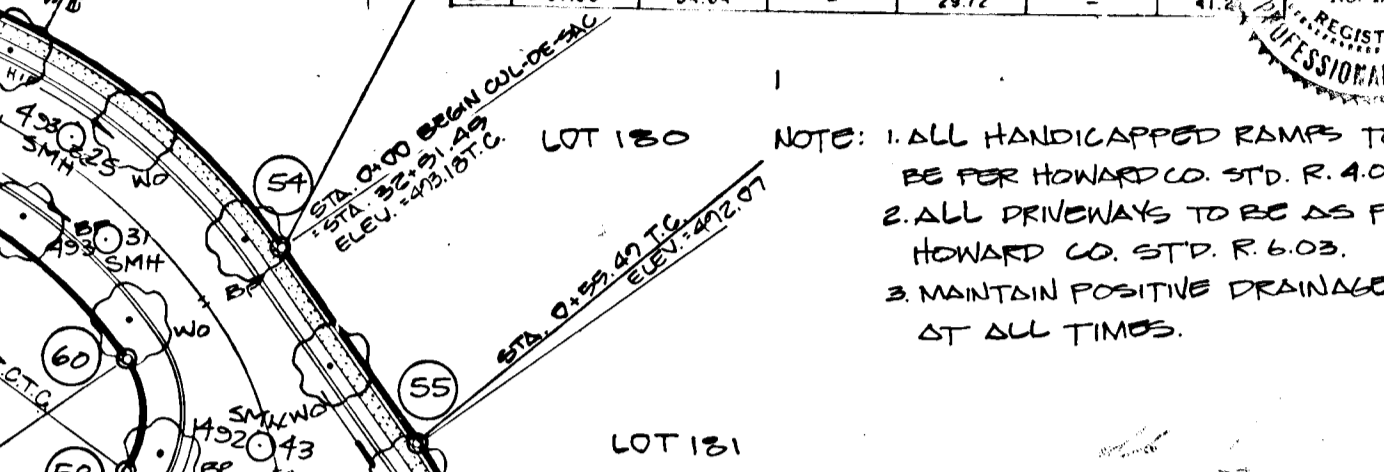


CONTRACT	NO	REVISIONS	DATE
DELTA CORPORATION 101 CHESTNUT STREET GAITHERSBURG, MD 20877 (301) 748-2318			

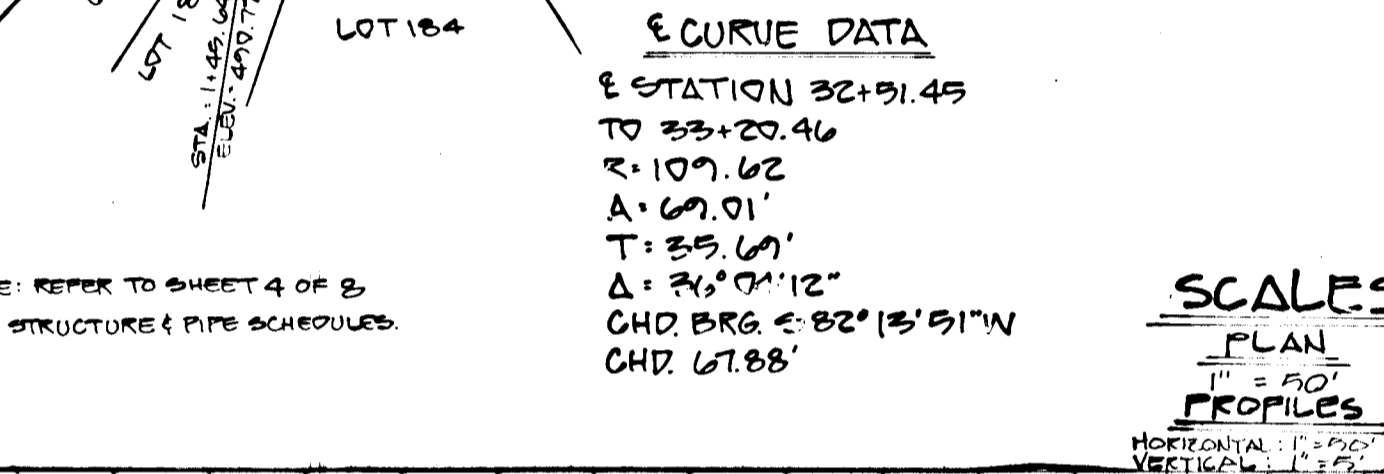
DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE S-102
 OLNEY, MARYLAND 20832
 301-724-4570



STATION	ESTATION	PI	RA	TA	CHD BRG	CHD
32+91.45	31+07.46 TO 32+91.45	190.00'	143.99'	78.00'	55°00'00"	536'4'46" W
32+91.45	32+91.45 TO 33+20.46	100.00'	107.62'	35.60'	34°07'12"	522'13'51" W



STATION	ESTATION	PI	RA	TA	CHD BRG	CHD
32+91.45	32+91.45 TO 33+20.46	100.00'	107.62'	35.60'	34°07'12"	522'13'51" W



DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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.
 DATE: 11/21/87

ENGINEER'S CERTIFICATE
 I 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.
 DATE: 11/25/87

REVIEWED FOR: **HOWARD** S.C.D.
 AND MEETS TECHNICAL REQUIREMENTS
 DATE: 11-2-87

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 11/8/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE: 12/29/87

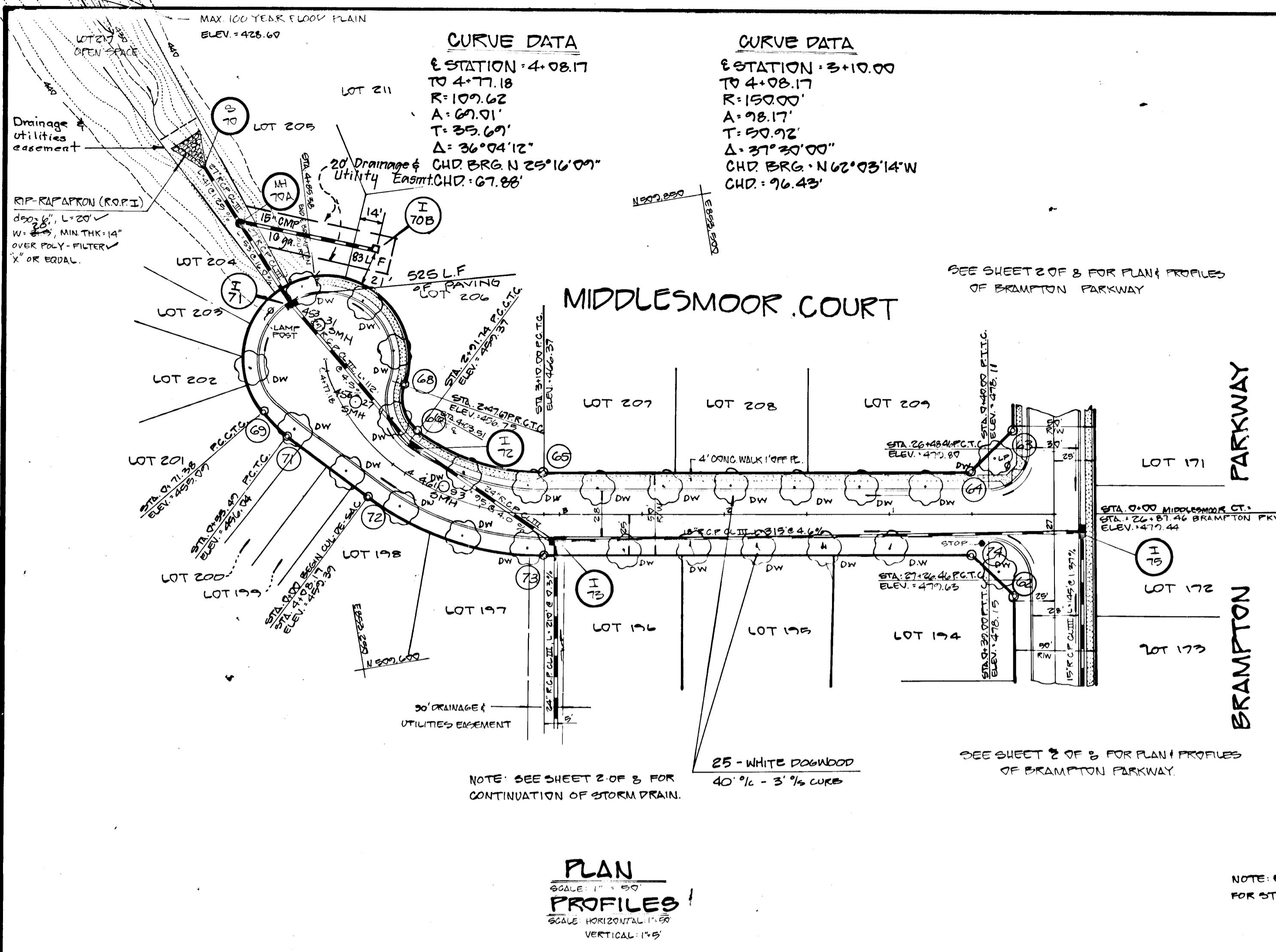
LEGEND
 F.G.L. (E.O.)
 EX. & RIGHT OF WAY
 75' P.R.L. LEFT
 75' P.R.L. RIGHT

SEE CUL-DE-SAC PROFILE @ LEFT OF THIS SHEET.

CONTRACT	NO	REVISIONS	DATE
DELTA CORPORATION 101 CHESTNUT STREET GAITHERSBURG, MD 20877 (301) 748-2318			

DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE S-102
 OLNEY, MARYLAND 20832
 301-724-4570

SECTION 4 - AREA 3
 "BRAMPTON HILLS"
 TAX MAP 20131, PARCEL 30
 ELMGOTT CITY (2ND) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

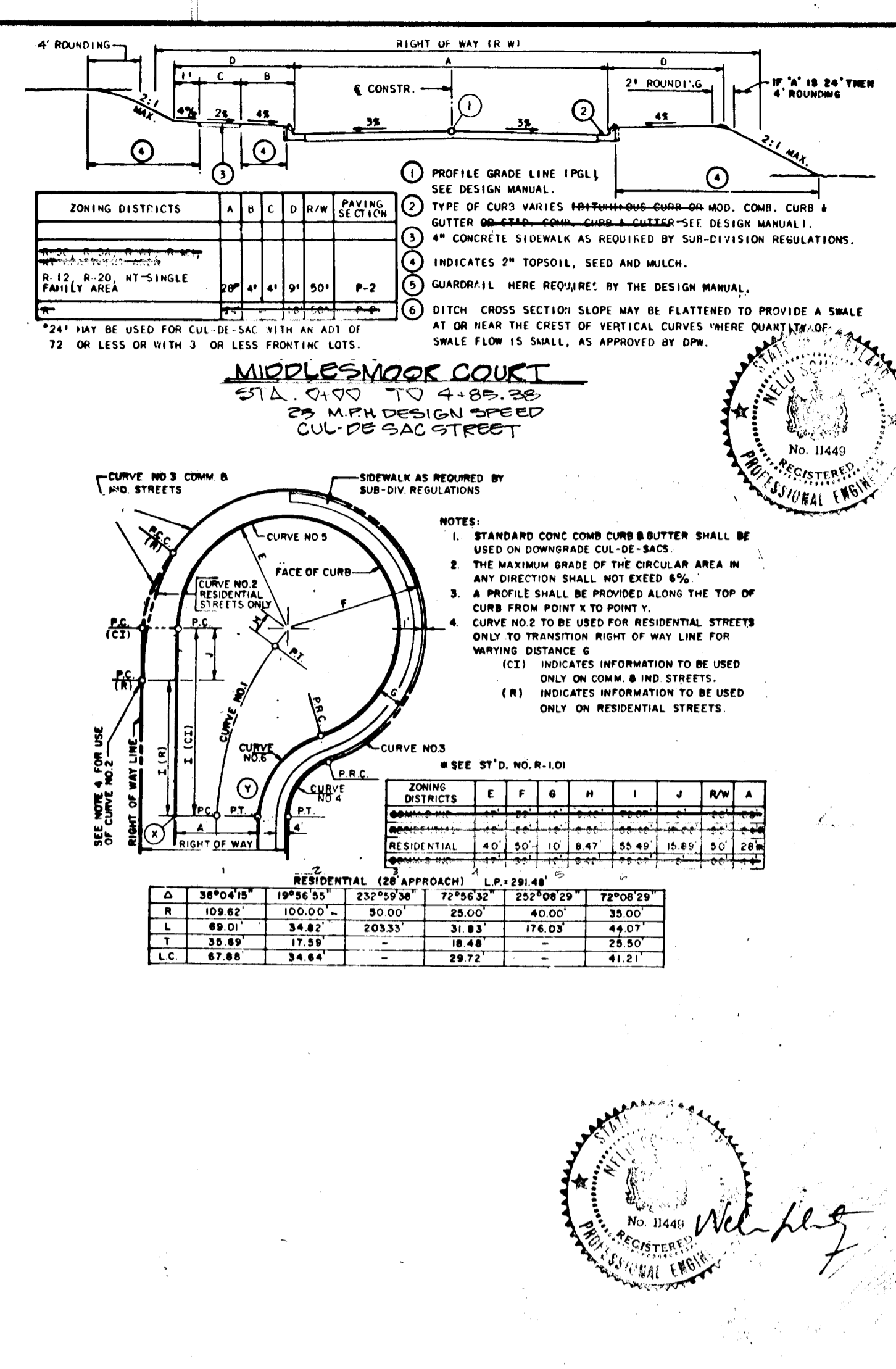


PAVING SECTION

PTH	DESCRIPTION	ELEV.
62	REBAR & CAP	479.46
63	"	479.82
64	"	477.76
65	"	466.28
66	"	452.46
68	"	456.25
69	"	456.14
71	"	457.43
72	"	460.15
73	"	466.85
74	REBAR & CAP	477.78

LEGEND

- R1-1 STD STOP SIGN - 90° x 90° OCTAGON
- R2-1 STD SPEED LIMIT SIGN - 24" x 30" RECTANGLE (25 M.P.H. & 30 M.P.H. AS NOTED ON PLANS)
- SIGNS TYPICAL THROUGHOUT SUBDIVISION.



DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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.
 [Signature] 11/12/98
 DATE

ENGINEER'S CERTIFICATE
 I 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] 09/10/97
 DATE

REVIEWED FOR: **HOWARD** S.C.D.
 AND MEETS TECHNICAL REQUIREMENTS
 [Signature] 11-2-97
 U.S. SOIL CONSERVATION SERVICE DATE

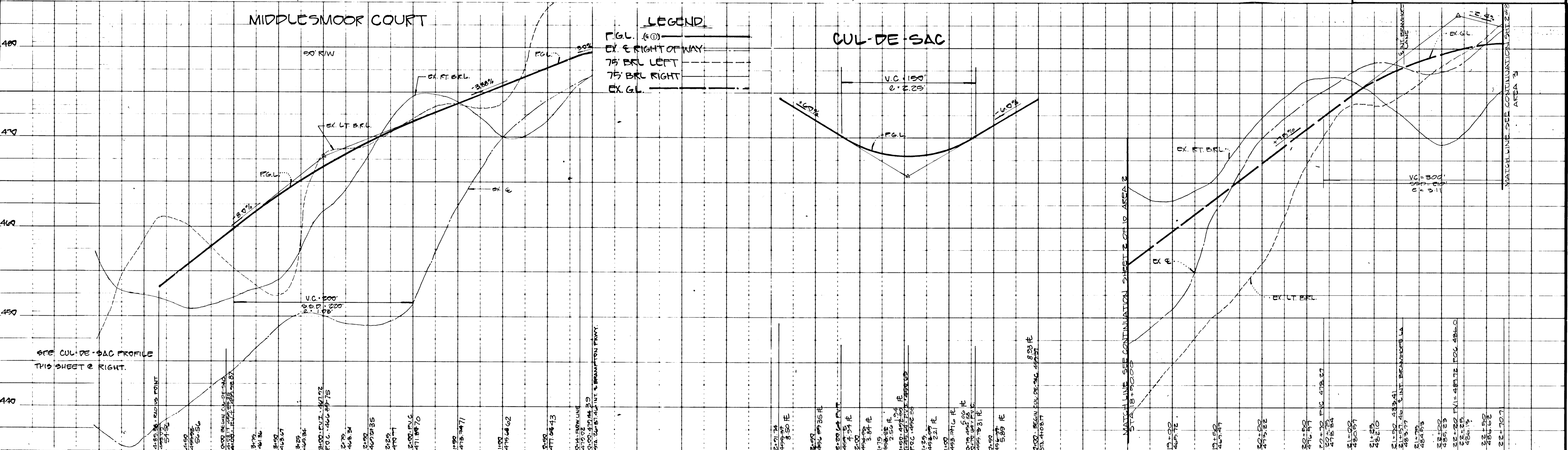
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 [Signature] 11/2/97
 HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Chief, Land Development Division [Signature] 12/10/97
 Chief, Bureau of Highways [Signature] Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] 12/29/97
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
 1) Seven (7) calendar days for all perimeter sediment control structures, dikes, silt fences, perimeter slopes and all slopes greater than 3:1; 2) Fourteen (14) days as to all other disturbed or graded areas on the project site.

NOTE: The contractor or developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 792-7272.



CONTRACT: DELTA CORPORATION
 101 CHESTNUT STREET
 GAITHERSBURG, MD 20877
 (301) 748-2718

NO REVISIONS [] DATE

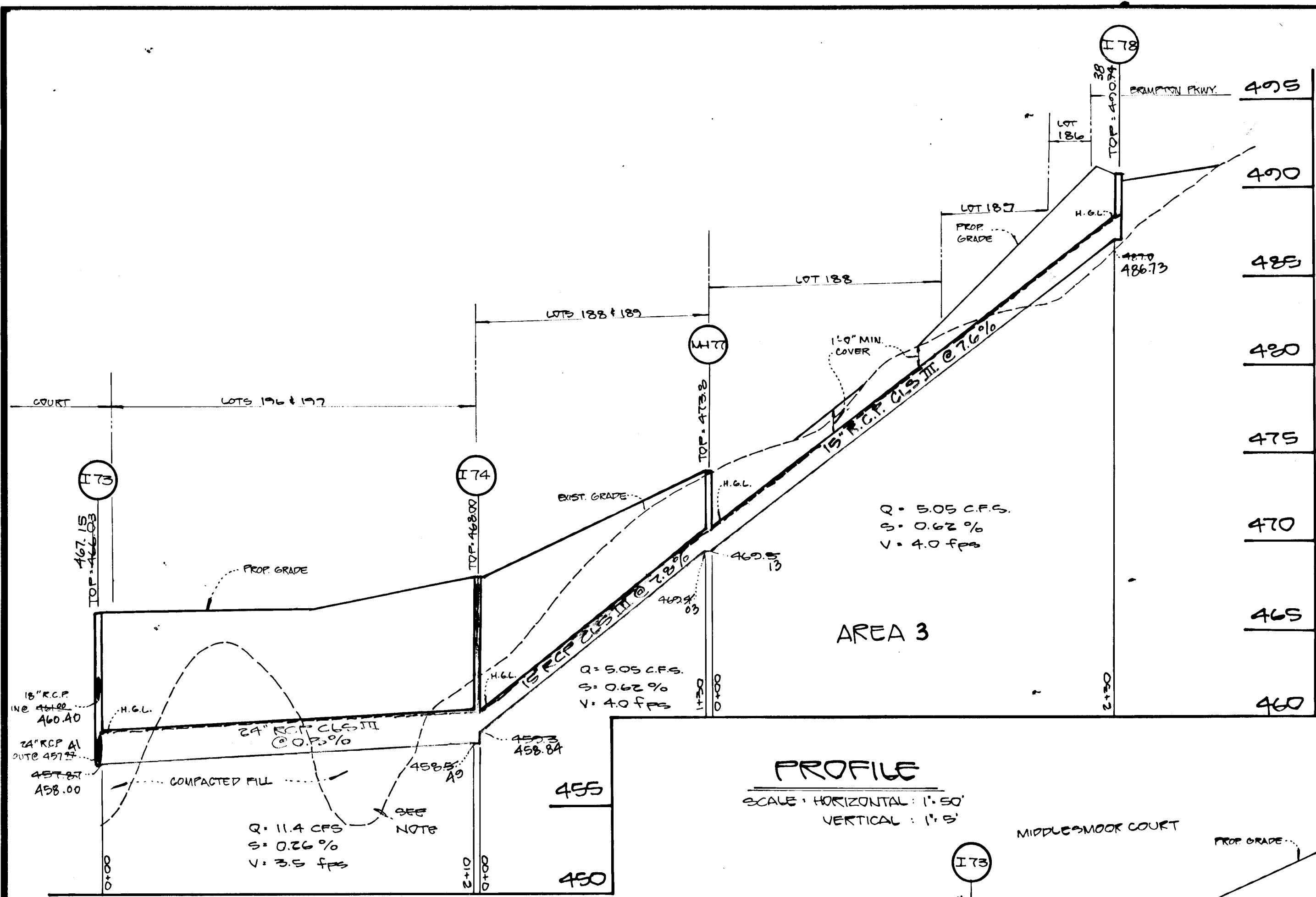
DEVELOPMENT CONSULTANTS GROUP, INC.

CRANE ESTABLISHMENT AND STORM DRAIN PLAN
 SECTION 4 - AREA 3
 "BRAMPTON HILLS"
 TAX MAP: 30 & 31 PARCEL 30
 ELLWOOD CITY (2ND) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DATE: MARCH, 1997
 DRAWN: M.P.E.
 CHECKED: M.L.S.
 SCALE: AS SHOWN

SHEET 3 OF 8
 PROJECT NO. 160-02

F-88-51



STRUCTURE SCHEDULE

No.	TYPE	TOP ELEVATION HIGH	LOW	INVERT ELEVATION IN	OUT	STANDARD	CONST. AREA
S-70	27" CONC. RCP SECTION	-	-	-	430.00	STD-5.91	3
MH 70A	STD PRECAST MANHOLE	438.81	-	438.20	431.88	G-5.13	3
I-71	TYPE A-10 INLET DEPRESSOR	452.84	-	448.22	442.50	STD-4.02	3
I-72	TYPE A-10 INLET WITH REFLECTOR	460.24	459.34	452.41	452.86	STD-4.02 & STD-4.83	3
I-73	TYPE A-10 INLET WITH REFLECTOR	467.19	466.03	460.22	457.21	STD-4.02 & STD-4.83	3
I-74	TYPE 'K' INLET	474.49	-	458.00	458.00	STD-4.12	3
I-75	TYPE A-10 INLET DEPRESSOR	479.85	-	476.65	475.70	STD-4.02	3
I-76	TYPE A-10 INLET WITH REFLECTOR	482.47	482.30	479.20	479.11	STD-4.01 & STD-4.83	3
MH 77	STD PRECAST MANHOLE	478.23	-	474.13	469.23	G-5.12	3
I-78	TYPE A-9 INLET DEPRESSOR	470.42	-	467.23	467.23	STD-4.01	3
I-78B		452.10	-	-	447.20		3

PIPE SCHEDULE

TYPE	SIZE	LENGTH
RCP 15"	15"	507 LF
RCP 18"	18"	315 LF
RCP 24"	24"	303 LF
RCP 27"	27"	206 LF

Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
 1) Seven (7) calendar days for all perimeter sediment control structures, dikes, walls, ditches, perimeter slopes and all slopes greater than 3:1, 2) Fourteen (14) days as to all other disturbed or graded areas on the project site.

NOTE: The contractor or developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 792-7272.

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

John J. P. *March 12, 1987*
 DATE

ENGINEER'S CERTIFICATE

"I/WE 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."

Nelu Schwartz *04/09/87*
 ENGINEER - NELU SCHWARTZ DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

John M. DeLoe *11-2-87*
 US SOIL CONSERVATION SERVICE DATE

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

Richard P. Rubin *11/2/87*
 HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

William F. F. *11/87*
 Chief, Land Development Division DATE

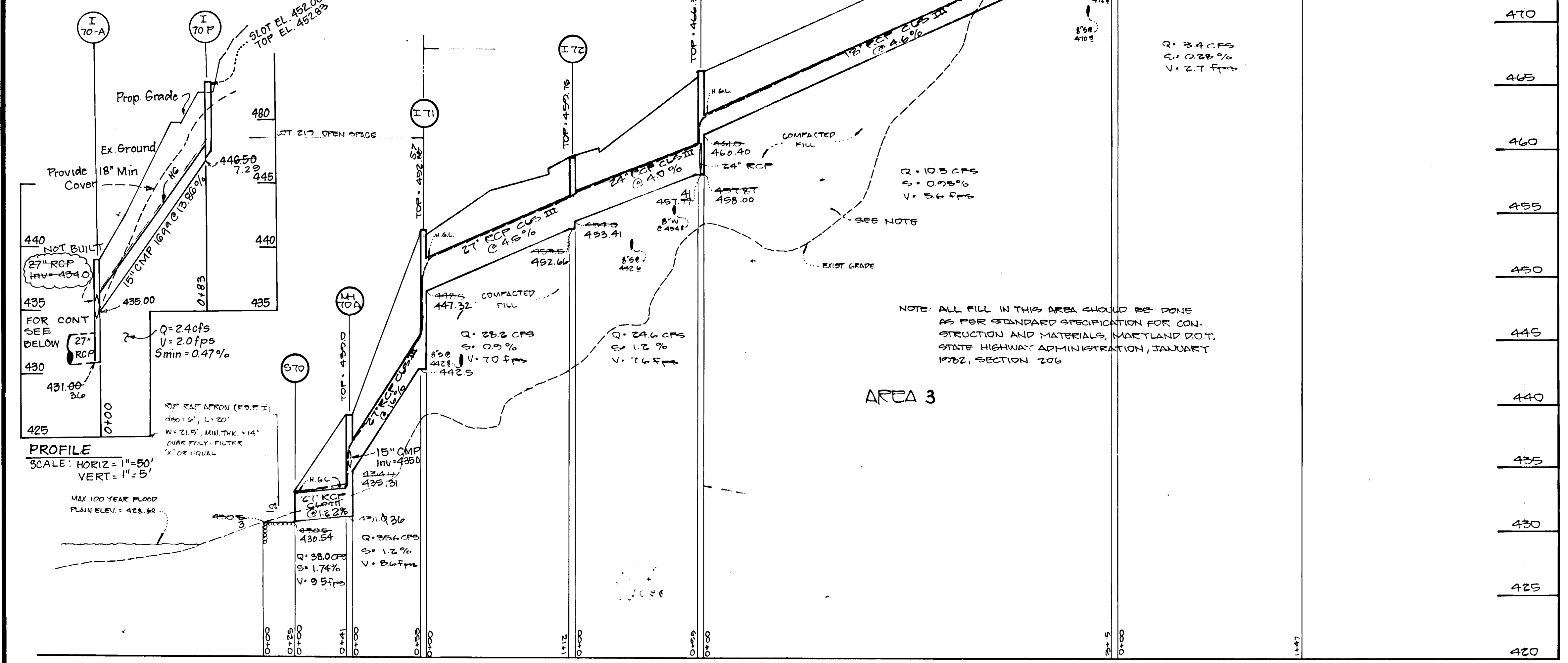
Spawille W. W. *12/10/87*
 Chief, Bureau of Highways DATE

John E. Rubin *11/10/87*
 Chief, Bureau of Engineering DATE

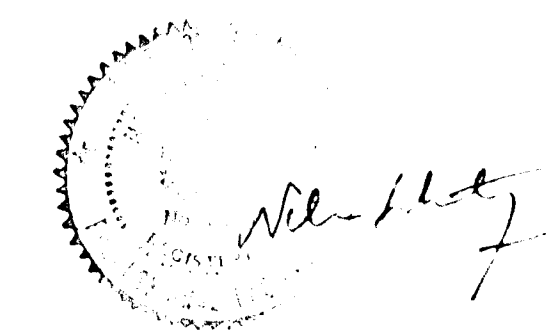
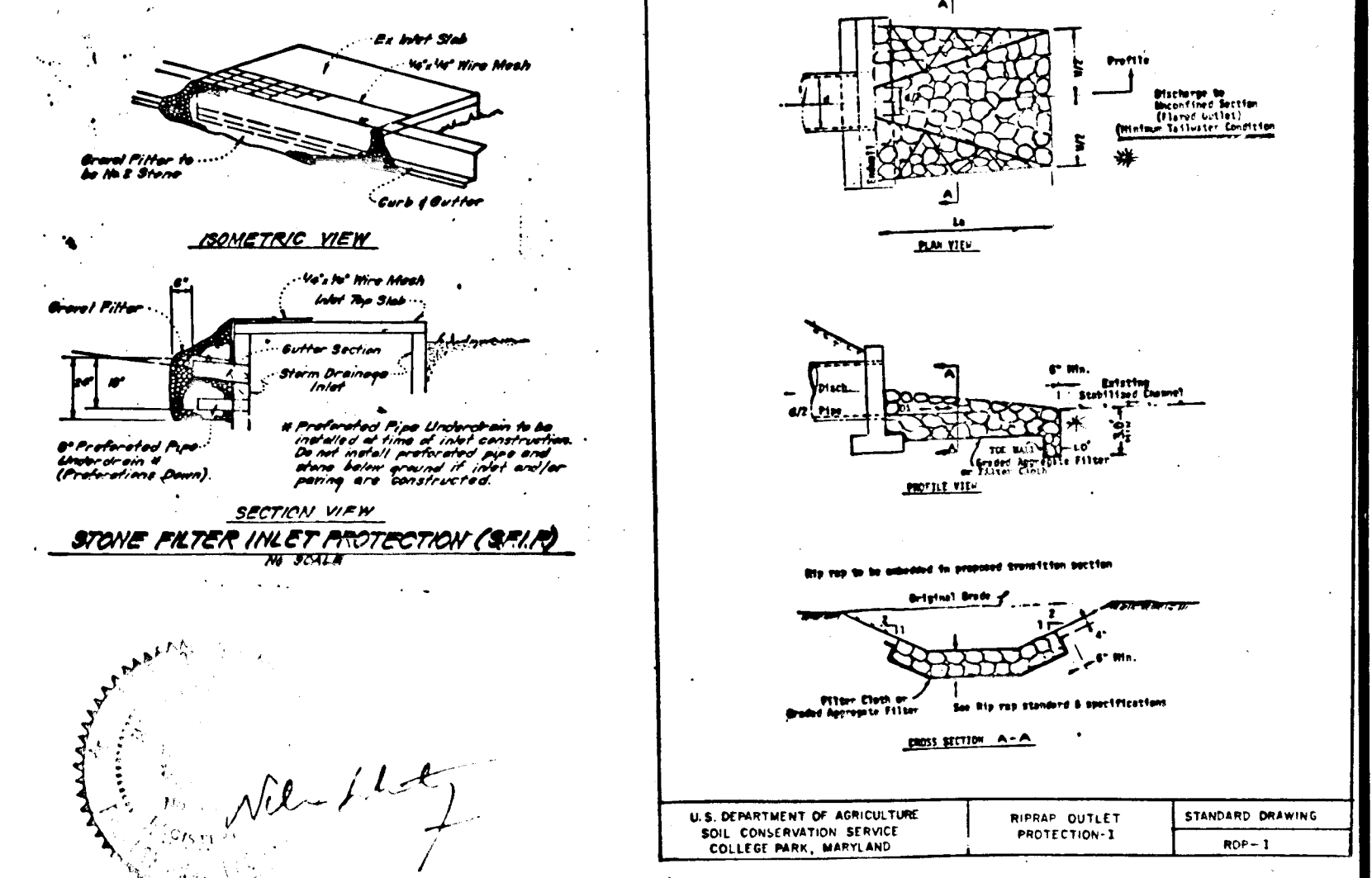
APPROVED: Howard County Office of Planning & Zoning

Richard Rubin *12/22/87*
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

PROFILE
 SCALE: HORIZONTAL: 1"=50'
 VERTICAL: 1"=5'

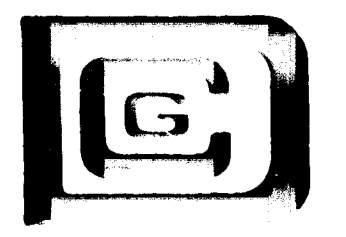


PROFILE
 SCALE: HORIZONTAL: 1"=50'
 VERTICAL: 1"=5'



CONTRACT: DELTA CORPORATION
 101 CHESTNUT STREET
 GAITHERSBURG, MD. 20877
 301-746-2016

NO.	REVISIONS	DATE



DEVELOPMENT CONSULTANTS GROUP, INC.

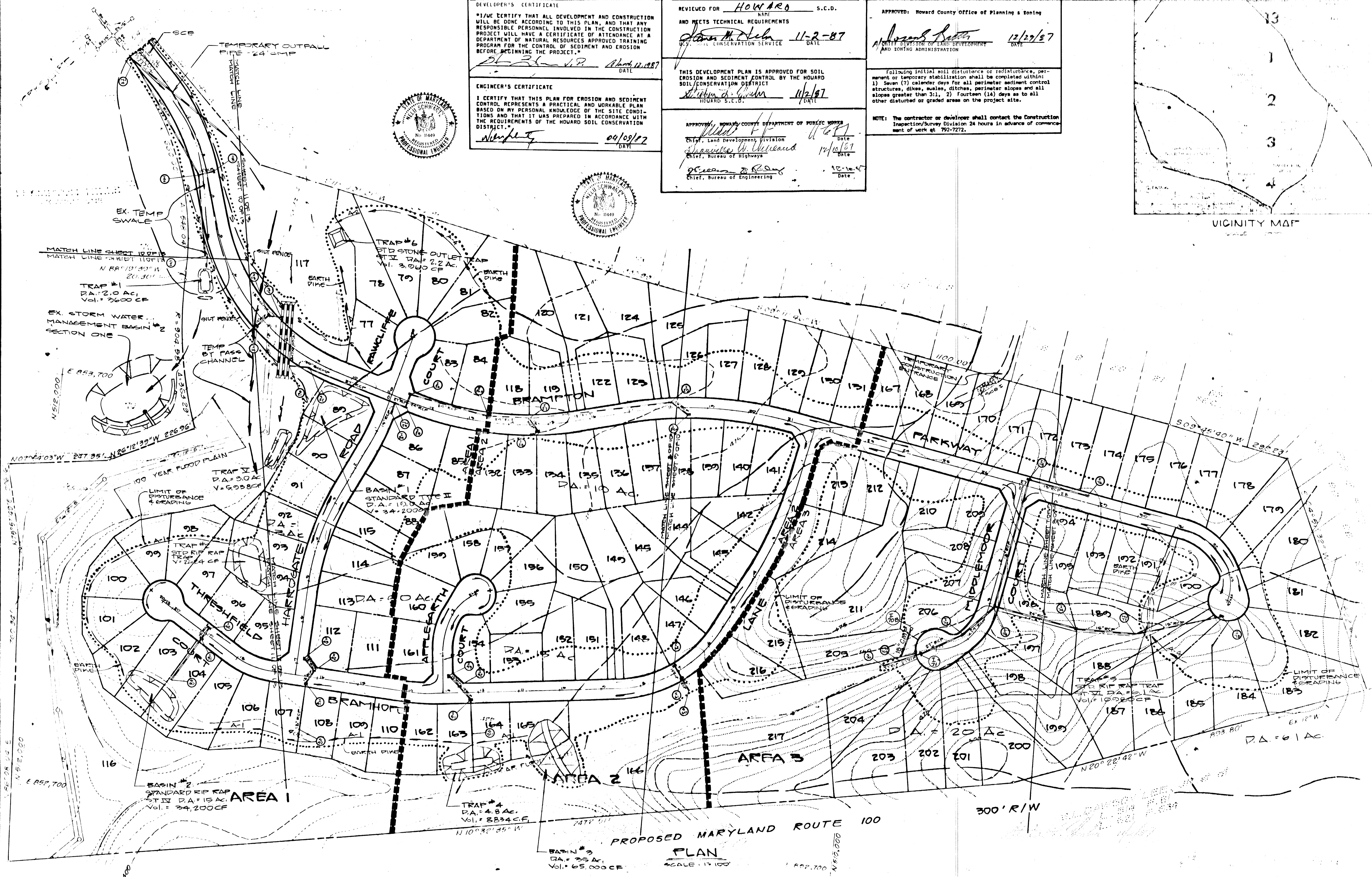
17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

STORM DRAIN PROFILES & DETAIL SHEET
 SECTION 4: AREA 3
 "BRAMPTON HILLS"
 TAXMAP 30421, PARCEL 50
 ELLICOTT CITY (2ND) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DATE	BY	CHECKED	SCALE	SHEET
MARCH 1987	M. J. L.	M. J. L.	AS SHOWN	4 of 8

PROJECT NO. 167-02

F-88-51



DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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.
 [Signature] DATE: 04/12/87

ENGINEER'S CERTIFICATE
 I 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] DATE: 04/09/87

REVIEWED FOR HOWARD S.C.D.
 NAME: [Signature] DATE: 11-2-87
 U.S. SOIL CONSERVATION SERVICE

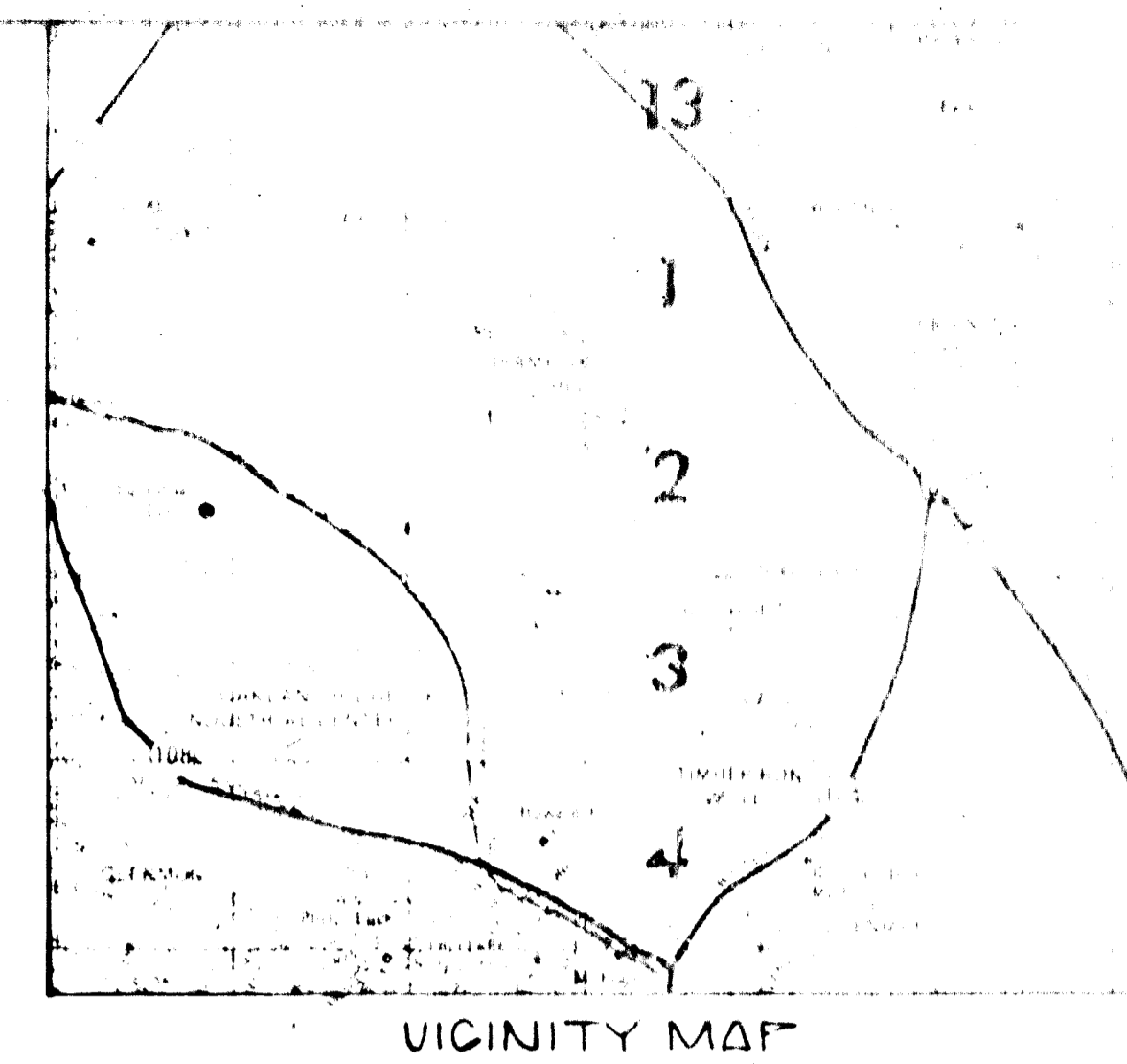
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 [Signature] DATE: 11/2/87
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE: 11/2/87
 Chief, Land Development Division
 [Signature] DATE: 11/2/87
 Chief, Bureau of Highways
 [Signature] DATE: 11-2-87
 Chief, Bureau of Engineering

APPROVED: Howard County Office of Planning & Zoning
 [Signature] DATE: 12/29/87
 OFFICE DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within:
 1) Seven (7) calendar days for all perimeter sediment control structures, dikes, easels, ditches, perimeter slopes and all slopes greater than 3:1, 2) fourteen (14) days as to all other disturbed or graded areas on the project site.

NOTE: The contractor or developer shall contact the Construction Inspector/Survey Division 24 hours in advance of commencement of work at 792-7272.



028

DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

SEDIMENT & EROSION CONTROL PLAN
 SECTION 4 - AREA 3
 BRAMPTON HILLS
 HOWARD COUNTY, MARYLAND

S-86-83
 F-87-09
 F-88-51

MAM 5
 8

F-88-51

MATCH LINE

SEE SHEET 8 of 10 (AREA 2)



ML LAWSON LEE JR.
 L 514 F 81
 L 621 F 634

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRELIMINARY 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.

John M. Nelson
 03/03/87
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL THE NECESSARY PERSONNEL INVOLVED IN THE CONSTRUCTION OF THE PROJECT WILL BE TRAINED AND EQUIPPED TO PROTECT THE EROSION CONTROL STRUCTURES AND TO MAINTAIN THE PROTECTION OF NATURAL RESOURCES. I/WE WILL BE RESPONSIBLE FOR THE PROTECTION OF THE HOWARD SOIL CONSERVATION DISTRICT'S INTERESTS AS ARE DETERMINED BY THE DISTRICT.

[Signature]
 7-25-87
 SIGNATURE OF DEVELOPER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature]
 Chief, Land Development Division
[Signature]
 Chief, Bureau of Highways
[Signature]
 Chief, Bureau of Engineering

SEE SHEET 7 of 8 (AREA 2)

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 11/2/87
 DATE: 11/2/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature]
 DATE: 12/26/87
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION



1) REVISED GRADING AS PER LETTER DATED NOV. 22, 1988
 (NEW GRADING)

OWNER/DEVELOPER

CELTA CORPORATION
 101 CHESTNUT ST. SUITE 125
 GAITHERSBURG MD. 20877
 (301)948-2918

SEDIMENT & EROSION CONTROL PLAN
 AREA 2
BRAMPTON HILLS
 SECTION 4
 TAX MAP 30 PARCEL 30
 2nd ELECTION DISTRICT HOWARD CO., MARYLAND

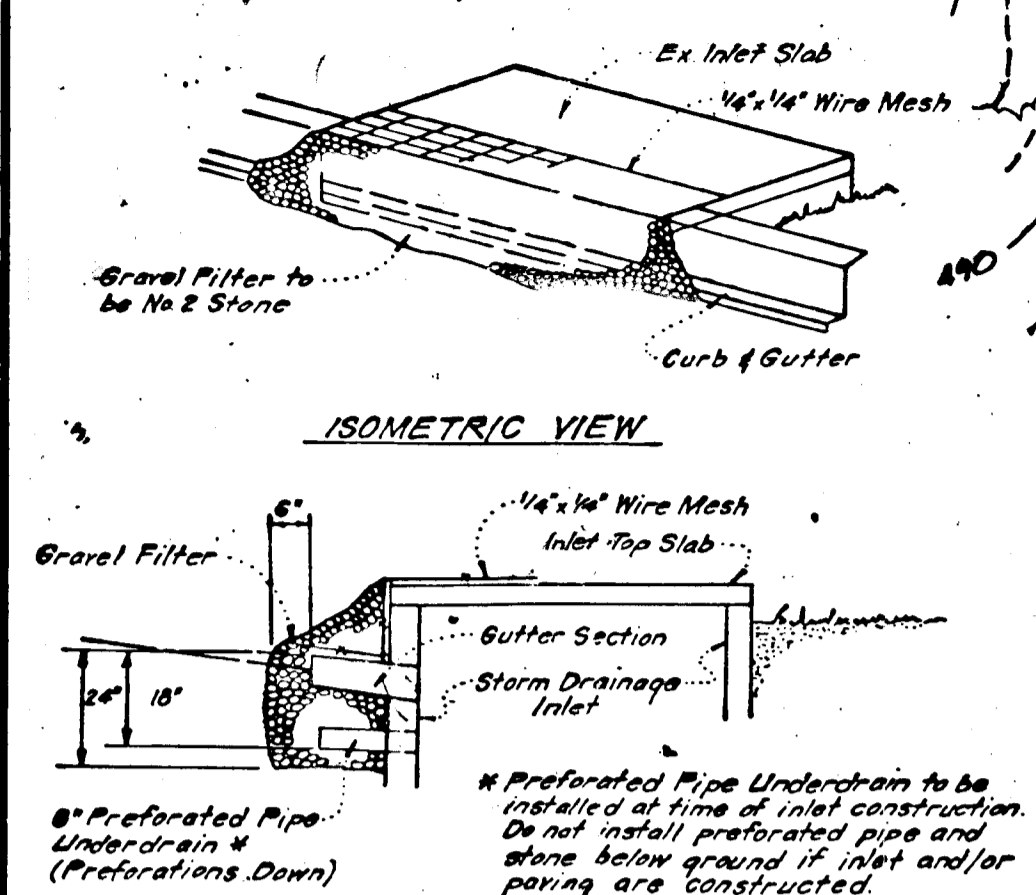
DATE: 11-2-87
 F-88-51

820

MATCH LINE

SEE SHEET 6 OF 8

(AREA 3)



STONE FILTER INLET PROTECTION (SFIIP)
 NO SCALE

TRAP NO 3
 ST-V SEDIMENT TRAP (RR)
 DRAINAGE AREA = 3.14 AC
 STORAGE REQ'D = 5653 CF
 STORAGE PRVD = 7396 CF
 TOP OF DIKE EL = 474.0
 OUTLET EL = 473.0
 CLEAN OUT EL = 470.0
 BOTTOM EL = 408.0
 SIZE OF TRAP = 43' X 43' X 4'

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

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.

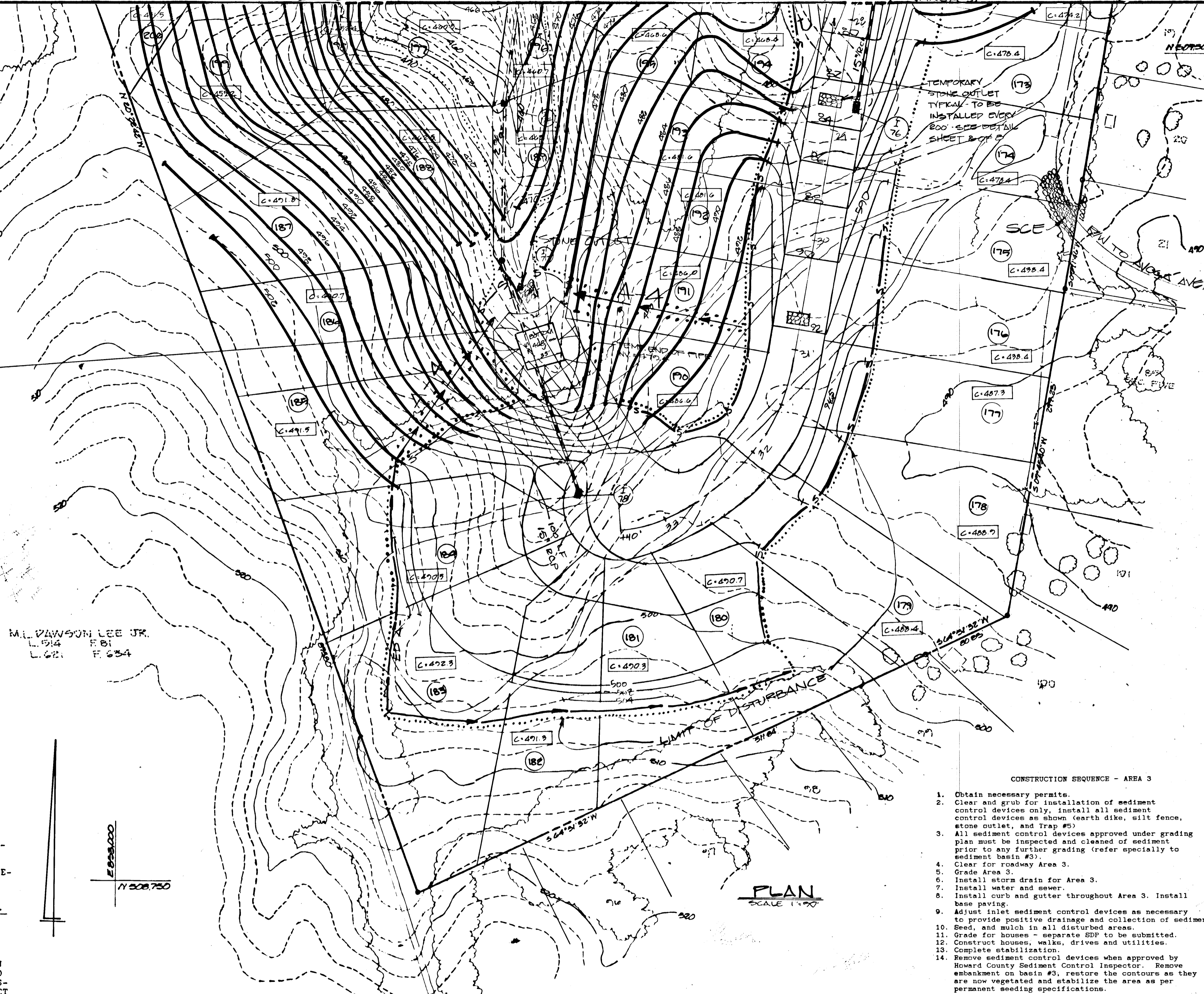
[Signature] 11/29/86
 DATE

DEVELOPER'S CERTIFICATE

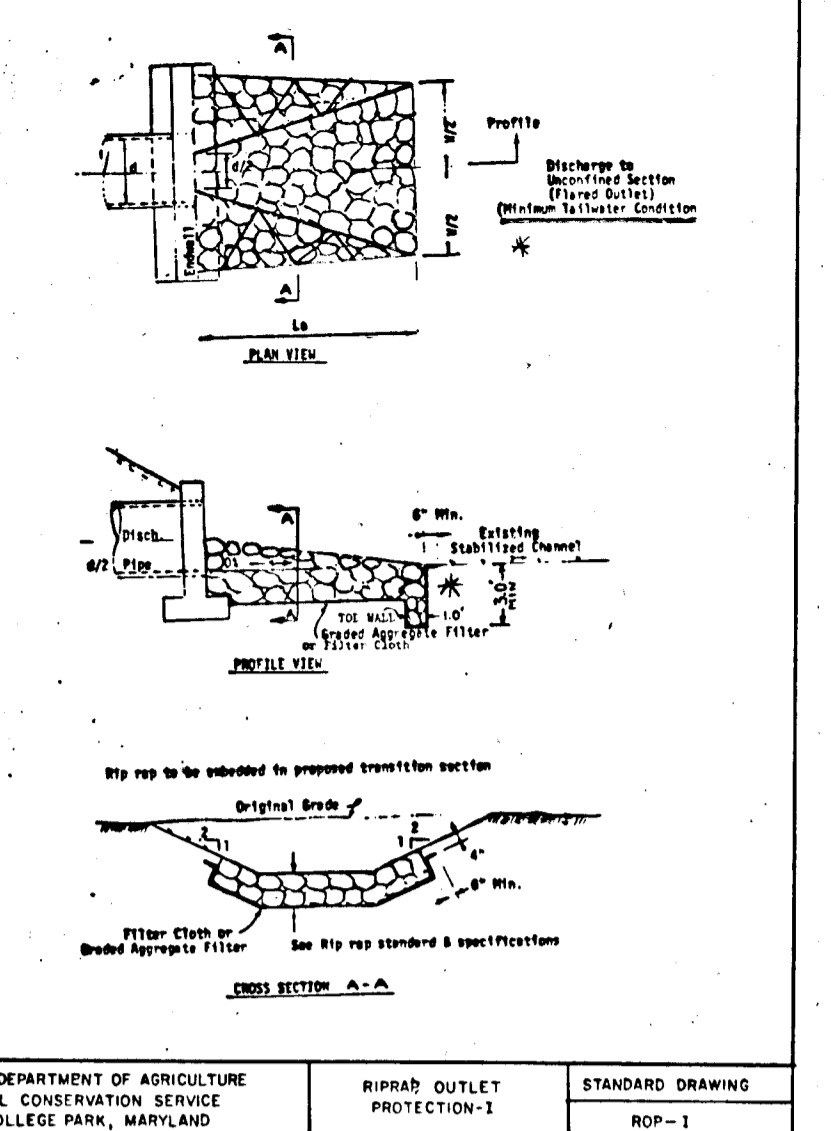
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

[Signature] VP 7-25-87
 SIGNATURE OF DEVELOPER DATE

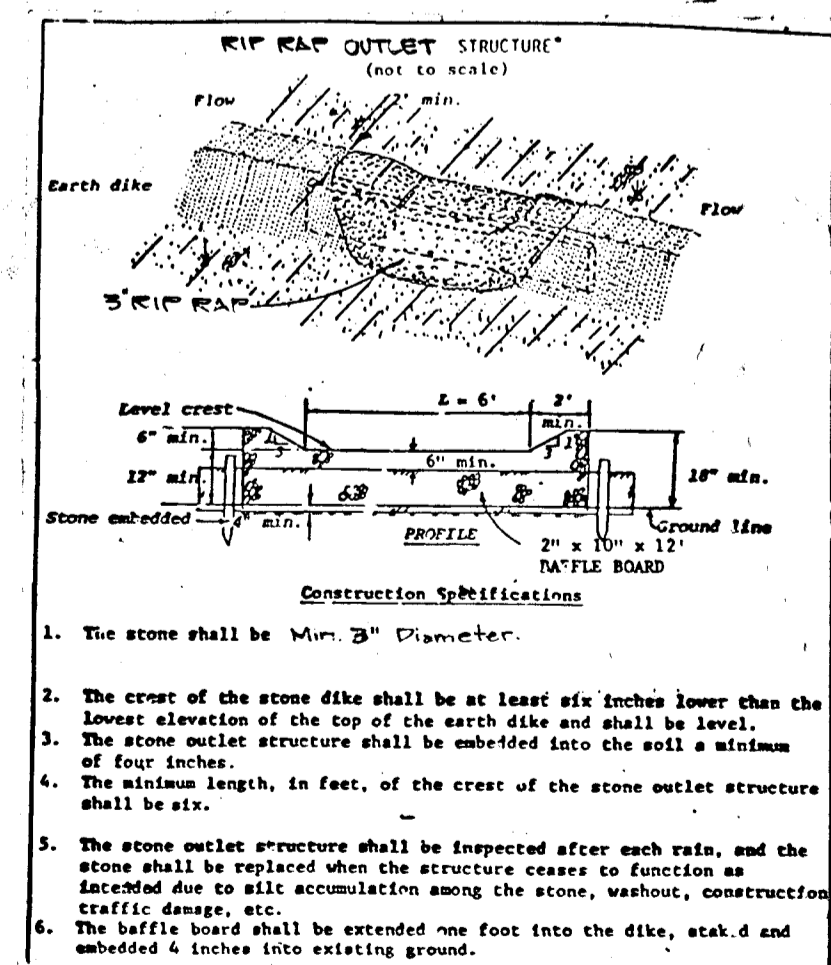
M.L. DAWSON, LEE JR.
 L. 914 F. 81
 L. 621 F. 834



- CONSTRUCTION SEQUENCE - AREA 3
1. Obtain necessary permits. Nov. 87
 2. Clear and grub for installation of sediment control devices only. Install all sediment control devices as shown (earth dike, silt fence, stone outlet, and Trap #3). June 88
 3. All sediment control devices approved under grading plan must be inspected and cleaned of sediment prior to any further grading (refer specially to sediment basin #3). June 88
 4. Clear for roadway Area 3. July 88
 5. Grade Area 3. July 88
 6. Install storm drain for Area 3. July 88
 7. Install water and sewer. Aug. 88
 8. Install curb and gutter throughout Area 3. Install base paving. Aug. 88
 9. Adjust inlet sediment control devices as necessary to provide positive drainage and collection of sediment. Aug. 88
 10. Seed, and mulch in all disturbed areas. Aug. 88
 11. Grade for houses - separate SDP to be submitted. Sept. 88
 12. Construct houses, walks, drives and utilities. Sept. 88
 13. Complete stabilization. Oct. 88
 14. Remove sediment control devices when approved by Howard County Sediment Control Inspector. Remove embankment on basin #3, restore the contours as they are now vegetated and stabilize the area as per permanent seeding specifications. Dec. 88



* Provide positive drainage from lip of rip-rap apron with stone wick or underdrain to prevent ponding within rip-rap apron.



This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED: *[Signature]* 11-2-87
 U.S. SOIL CONSERVATION SERVICE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11/2/87
 Chief, Land Development Division

APPROVED: *[Signature]* 12/10/87
 Chief, Bureau of Highways

APPROVED: *[Signature]* 12/16/87
 Chief, Bureau of Engineering

APPROVED: Howard County Office of Planning & Zoning
[Signature] 12/23/87
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

820

DEVELOPMENT CONSULTANTS GROUP
 17906 Georgia Ave.
 Uthwy, Md. 20832 301-924-6570

1) REVISED GRADING AS PER LETTER DATED NOV 22, 1988.
 (NEW GRADING)

5-86-83
 P. 87-07
 P. 88-91

OWNER/DEVELOPER
DELTA CORPORATION
 101 CHESTNUT ST. SUITE 125
 GAITHERSBURG MD. 20877
 (301)948-2918

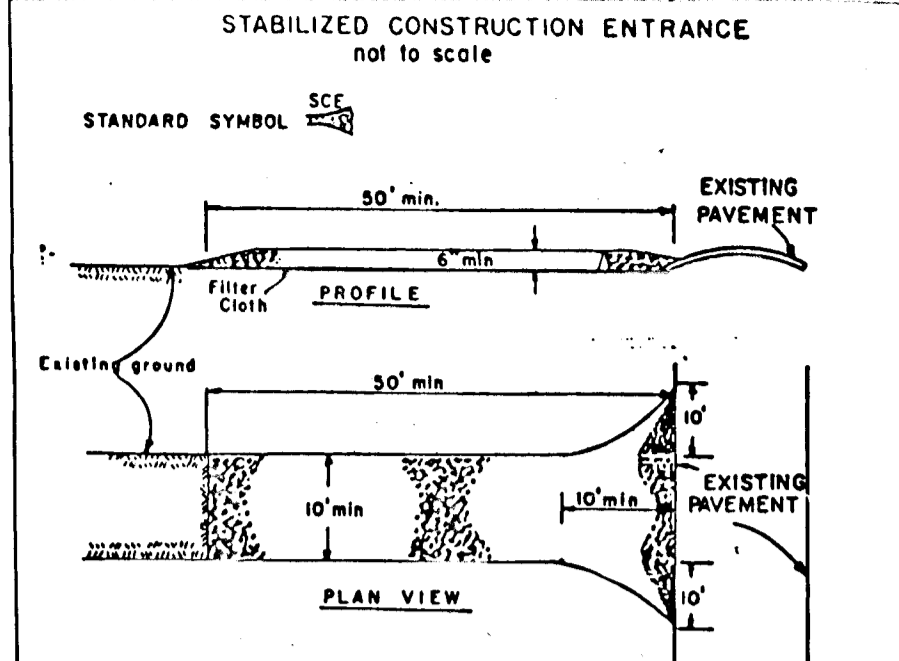
SEDIMENT & EROSION CONTROL PLAN
BRAMPTON HILLS
 SECTION 4
 TAX MAP 30 PARCEL 30
 2nd ELECTION DISTRICT HOWARD CO., MARYLAND

TEMPORARY SEEDING NOTES
 Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.
SEEDING PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 Fertilizer (14 lbs./1000 Sq.Ft.).
SEEDING: For periods March 1 through April 30 and from August 15 through November 15, seed with 2 bushels per acre of Annual Rye (3.2 lbs./1000 Sq.Ft.). For the period May 1 through August 14, seed with 3 lbs. per acre of Seeping Lovegrass (.07 lbs./1000 Sq.Ft.). For the period November 16 through February 28, protect site by applying 2 tons per acre of well Anchored Straw Mulch and seed as soon as possible in the Spring, or use Sod.
MULCHING: Apply 14 to 2 tons per acre (70 to 90 lbs./1000 Sq.Ft.) of Unrotted Small Grain Straw immediately after seeding. Anchor Mulch immediately after application, using Mulch Anchoring Tool or 218 gal. per acre (5 gal./1000 Sq.Ft.) of Emulsified Asphalt on Flat Areas. On Slopes, 8 ft. or higher, use 348 gal. per acre (8 gal./1000 Sq.Ft.) for anchoring.
 Refer to the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Rate and Methods not covered.
APPLICATION: Apply seed uniformly with a cyclone seeder, drill, cultipacker seeder or hydroseeder (slurry includes seed and fertilizer).

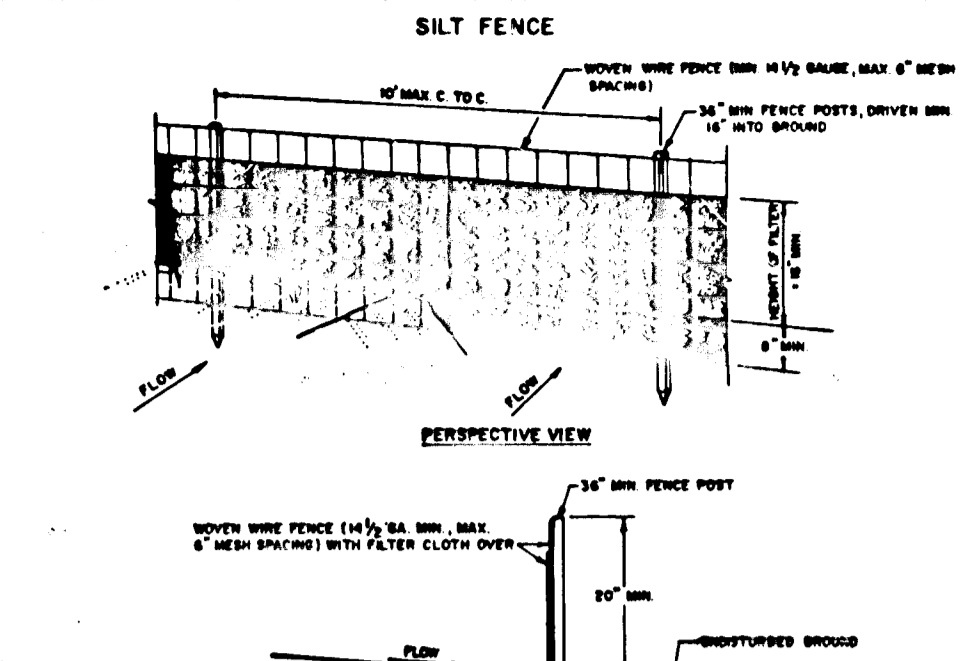
PERMANENT SEEDING NOTES
 Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
SEEDING PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
 1. Preferred - apply 2 tons per acre Dolomitic Limestone (92 lbs./1000 Sq.Ft.) and 600 lbs. per acre 10-10-10 Fertilizer (14 lbs./1000 Sq.Ft.) before seeding. Harrow or Disc into upper three inches of soil. At time of seeding, apply 400 pounds per acre 30-0-0 Ureaform Fertilizer (9 lbs./1000 Sq.Ft.).
 2. Acceptable - apply 2 tons per acre Dolomitic Limestone (92 lbs./1000 Sq.Ft.) and 1000 lbs. per acre 10-10-10 Fertilizer (23 lbs./1000 Sq.Ft.) before seeding. Harrow or Disc into upper three inches of soil.
SEEDING: For the periods March 1 through April 30, and August 1 through October 15, seed with 60 lbs. per acre (1.4 lbs./1000 Sq.Ft.) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs. per acre of Seeping Lovegrass. During the period of October 16 through February 28, protect site by Option (1) 2 tons per acre of well anchored Straw Mulch and seed as soon as possible in the Spring. Option (2) use Sod. Option (3) seed with 60 lbs./acre Kentucky 31 Tall Fescue and Mulch with 2 tons/acre well anchored Straw.
MULCHING: Apply 14 to 2 tons per acre (70 to 90 lbs./1000 Sq.Ft.) of Unrotted Small Grain Straw immediately after seeding. Anchor Mulch immediately after application, using Mulch Anchoring Tool or 218 gal. per acre (5 gal./1000 Sq.Ft.) of Emulsified Asphalt on Flat Areas. On Slopes, 8 feet or higher, use 348 gallons per acre (8 gal./1000 Sq.Ft.) for anchoring.
MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.
APPLICATION: Apply seed uniformly with a cyclone seeder, drill, cultipacker seeder or hydroseeder (slurry includes seed and fertilizer).

SEEDING PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
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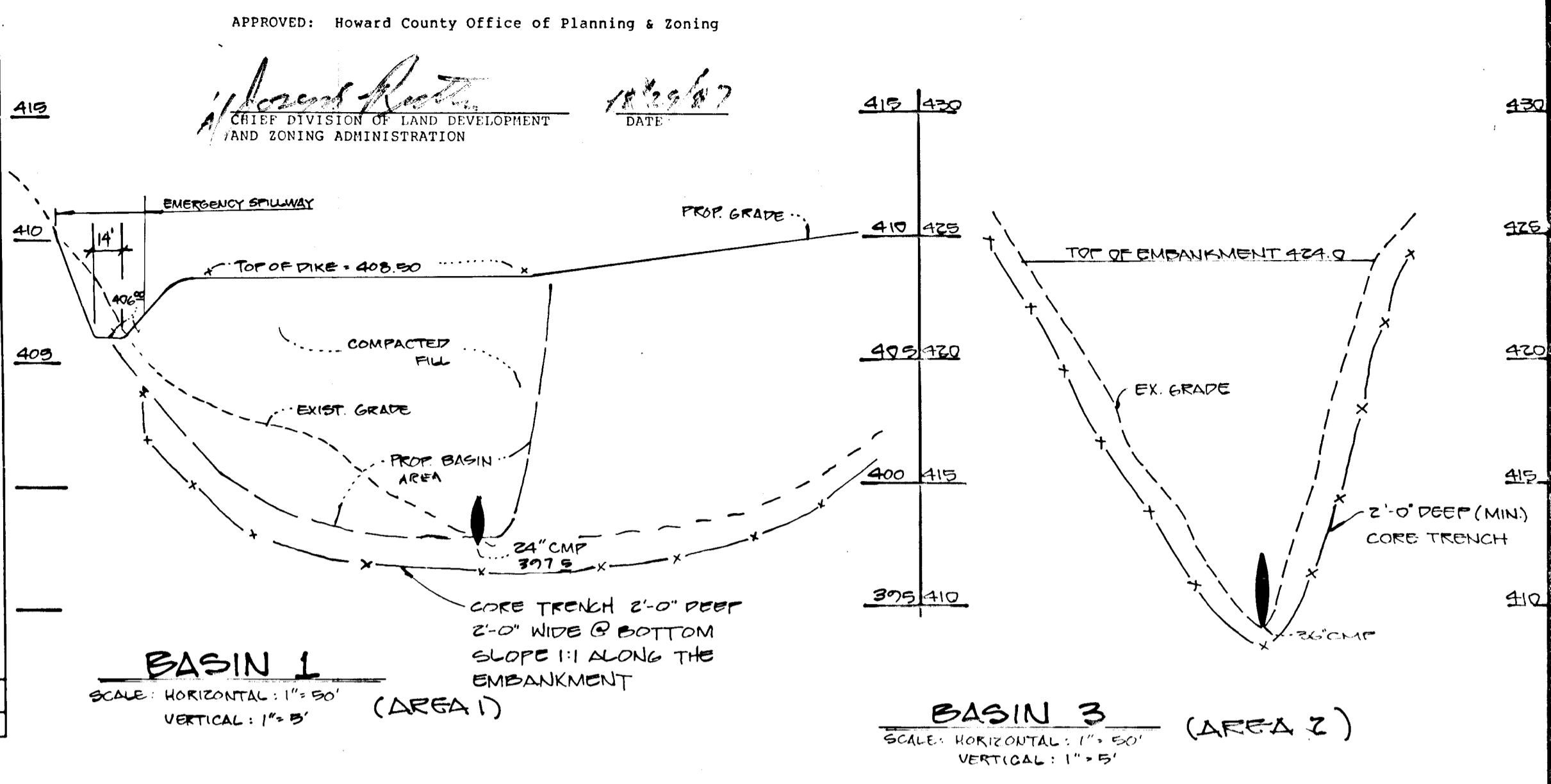
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Chief, Land Development Division
 Chief, Bureau of Highways
 Chief, Bureau of Engineering



CONSTRUCTION SPECIFICATIONS
 1. Stone Size - One 2" stone, or recycled or recycled concrete equivalent. Length - As required, but not less than 30 feet (except on a single road length where a 30 foot minimum length would apply).
 2. Thickness - Not less than 12 inches.
 3. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 4. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 5. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance.
 6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 7. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 8. Periodic inspection and needed maintenance shall be provided after each rain.
 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
 STABILIZED CONSTRUCTION ENTRANCE
 STANDARD DRAWING
 ST-1



CONSTRUCTION NOTES FOR PREPARED SILTY FENCE
 1. MOWEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE PLACED SECURELY TO MOWEN WIRE FENCE WITH WIRE SPACED EVERY 1' AT TOP AND MID SECTION.
 3. WHEN THE SECTION OF FILTER CLOTH ADJACENT TO OTHER FILTER CLOTH IS OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BALLES DEVELOP IN THE SILTY FENCE.
 PREPARED SILTY FENCE
 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
 SILTY FENCE
 STANDARD DRAWING
 SF-1



Site Preparation

Areas under the embankment shall be cleared, grubbed, and stripped of topsoil to roots, vegetation, rocks or other objectionable material. In order to facilitate clean-out and restoration, the pool area (measured at the top of the pipe spillway) will be cleared of all brush, trees, and other objectionable materials.
Cut-off-Trench
 A cut-off trench shall be excavated along the centerline of earth fill embankments. The minimum depth shall be two feet. The cut-off trench shall extend up both abutments to the riser crest elevation. The minimum bottom width shall be four feet, but wide enough to permit operation of excavation and compaction equipment. The side slopes shall be no steeper than 1:1. Compaction requirements shall be the same as those for embankment. The trench shall be dewatered during the backfilling-compaction operations.
Embankment
 The fill material shall be taken from approved areas shown on the plans. It shall be clean mineral soil free of roots, woody vegetation, oversized stones, rocks, or other objectionable material. Relatively pervious materials such as sand or gravel (Unified Soil Classes GW, GP, SW & SP) shall not be placed in the embankment. Areas on which fill is to be placed shall be scarified prior to placement of fill. The fill material shall contain sufficient moisture so that it can be formed by hand into a ball containing sufficient moisture so that it can be formed by hand into a ball without crumbling. If water can be squeezed out of the ball, it is too wet; if a ball will not hold together, it is too dry. Fill material shall be placed six-inch to eight-inch thick continuous layers over the entire length of the fill. Compaction shall be obtained by raking and hauling the construction equipment over the fill so that the entire surface of each layer of the fill is traversed by at least one wheel or tread track of the equipment or by the use of a compactor. The embankment shall be constructed to an elevation 10 percent higher than the design height to allow for settlement.

Pipe Spillways

The riser shall be securely attached to the barrel or barrel stub by welding the full circumference making a watertight structural connection. The barrel stub must be attached to the riser at the same percent (angle) of grade as the outlet conduit. The connection between the riser and the riser base shall be watertight. All connections between barrel sections must be achieved by approved watertight band assemblies. (See page 18.22 for details.) The barrel and riser shall be placed on a firm, smooth foundation of impervious soil. Pervious materials such as sand, gravel, or crushed stone shall not be used as backfill around the pipe or anti-seep collars. The fill material around the pipe spillway shall be placed in four inch layers and compacted under and around the pipe to at least the same density as the adjacent embankment.
 A minimum depth of two feet of hand compacted backfill shall be placed over the pipe spillway before crossing it with construction equipment. Steel base plates on risers shall have at least 2-1/2 feet of compacted earth, stone or gravel placed over it to prevent flotation.
Emergency Spillway
 The emergency spillway shall be installed in undisturbed ground. The achievement of planned elevations, grades, design width, entrance and exit channel slopes are critical to the successful operation of the emergency spillway and must be constructed within a tolerance of ± 0.2 feet.
Vegetative Treatment
 Stabilize the embankment and emergency spillway in accordance with the appropriate vegetative Standard and Specifications immediately following construction. In no case shall the embankment remain unstabilized for more than seven(7) days.

Erosion and Pollution Control

Construction operations shall be carried out in such a manner that erosion and water pollution will be minimized. State and local laws shall be complied with concerning pollution abatement.
Safety
 State and local requirements shall be met concerning fencing and signs, warning the public of hazards of soft sediment and floodwater.
Maintenance
 1. Repair all damages caused by soil erosion and construction equipment at or before the end of each working day.
 2. Sediment shall be removed from the basin when it reaches the specified distance below the top of the riser. This sediment shall be placed in such a manner that it will not erode from the site. The sediment shall not be deposited downstream from the embankment, adjacent to a stream or flood plain.
Final Disposal
 When temporary structures have served their intended purpose and the contributing drainage area has been properly stabilized, the embankment and resulting sediment deposits are to be leveled or otherwise disposed of in accordance with the approved sediment control plan. The proposed use of a sediment basin site will often dictate final disposition of the basin and any sediment contained therein. If the site is scheduled for future construction, then the basin material and trapped sediments must be removed, safely disposed of, and backfilled with a structural fill. When the basin area is to remain open space the pond may be pumped dry, graded and back filled.

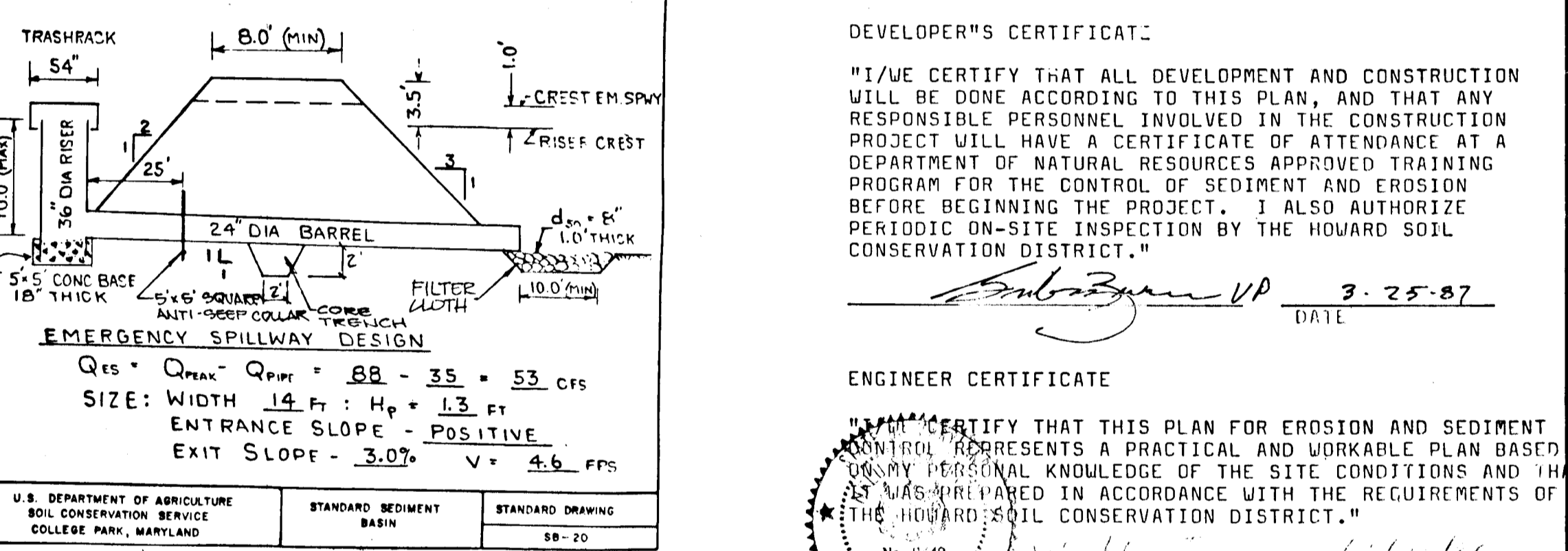
STANDARD SEDIMENT BASIN II

CONDITIONS WHERE PRACTICE APPLIES
 1. Drainage area to the basin is 20 acres or less.
 2. An emergency spillway is required.
 3. One anti-seep collar shall be used, and placed 25 feet from the riser.
 4. Watertight bands shall be used.
 5. All pipe material shall be of good quality with no holes.
 6. Volume of storage computed as 1,800 C.F./acre of drainage area.

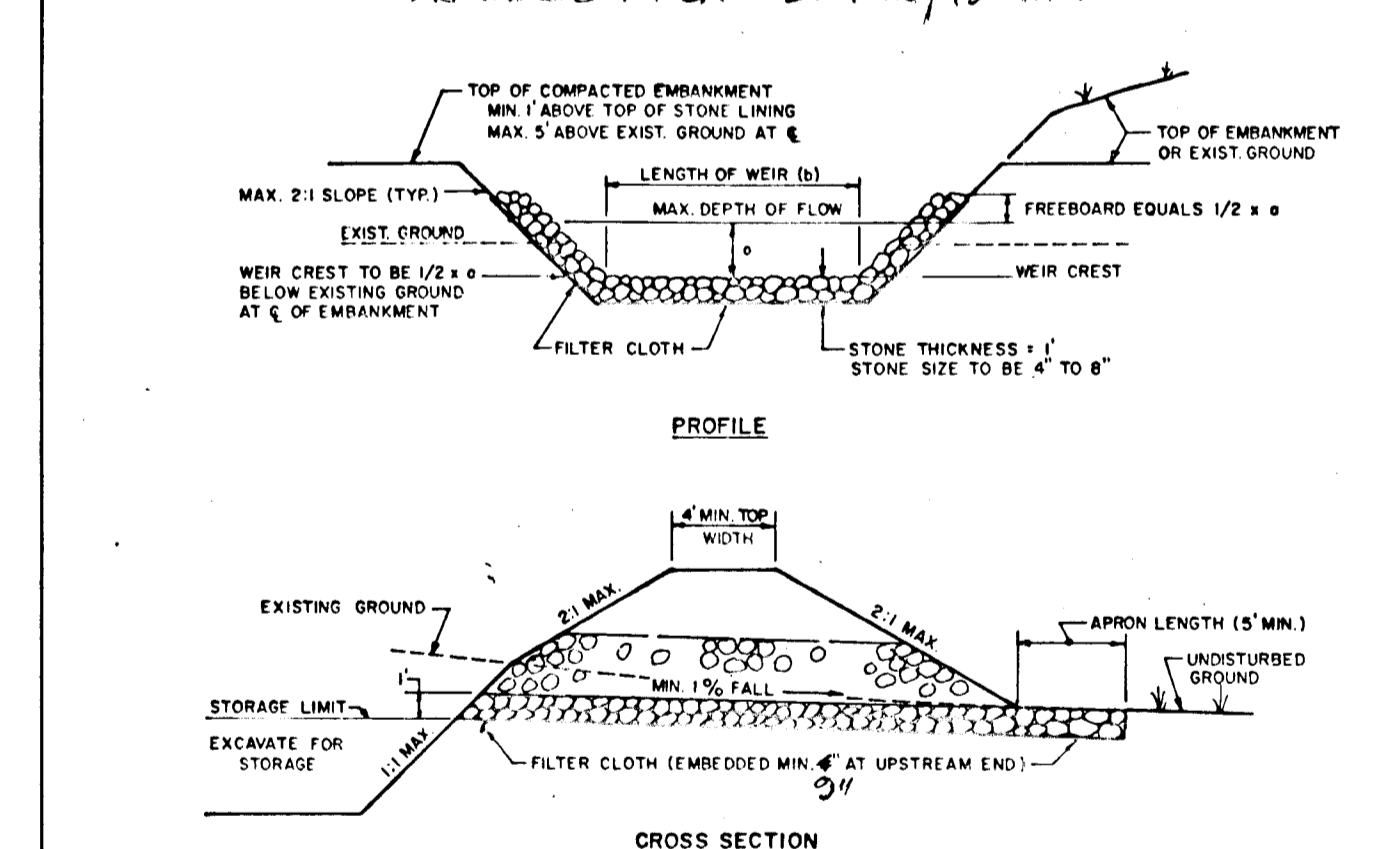
NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 7-25-87

ENGINEER CERTIFICATE
 I/WE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT THE PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 7-25-87



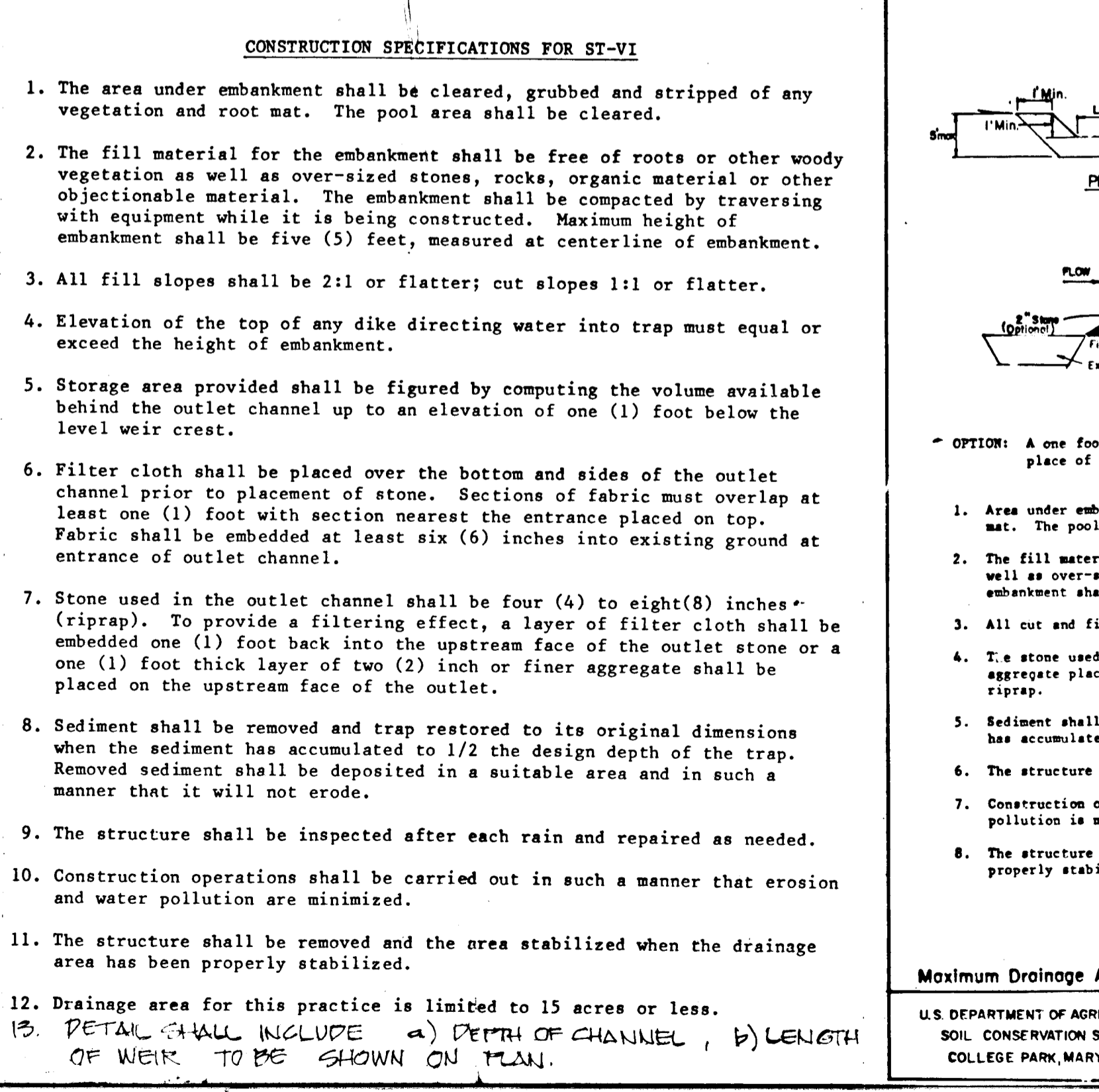
RIPRAP OUTLET SEDIMENT TRAP ST-VI
 DRAINAGE AREA = 22 MIL/152 MAX.



CONSTRUCTION SPECIFICATIONS FOR ST-VI
 1. The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
 2. The fill material for the embankment shall be free of roots or other woody or objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
 3. All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
 4. Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
 5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level weir crest.
 6. Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
 7. Stone used in the outlet channel shall be four (4) to eight (8) inches (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
 8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 9. The structure shall be inspected after each rain and repaired as needed.
 10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
 11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 12. Drainage area for this practice is limited to 15 acres or less.
 13. DETAIL SHALL INCLUDE a) DEPTH OF CHANNEL, b) LENGTH OF WEIR TO BE SHOWN ON PLAN.

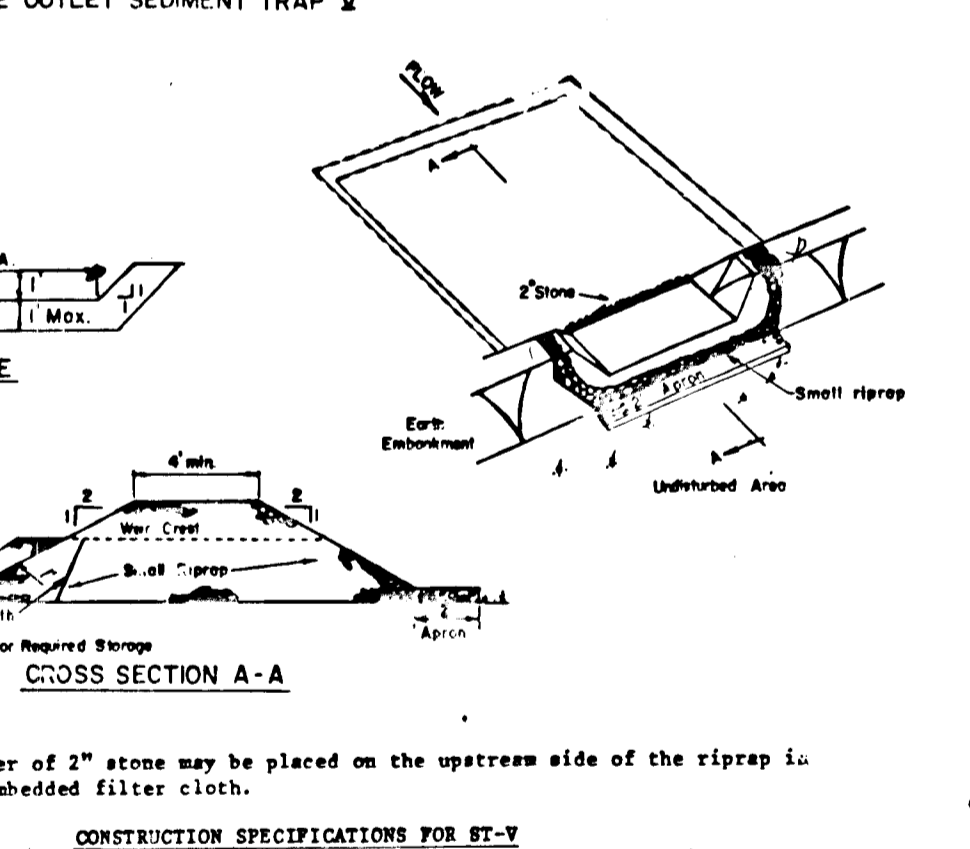
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
 RIPRAP OUTLET SEDIMENT TRAP
 STANDARD DRAWING
 ST-VI

Maryland SCS/WRA April 1983



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
 STONE OUTLET SEDIMENT TRAP
 STANDARD DRAWING
 ST-VI

STONE OUTLET SEDIMENT TRAP

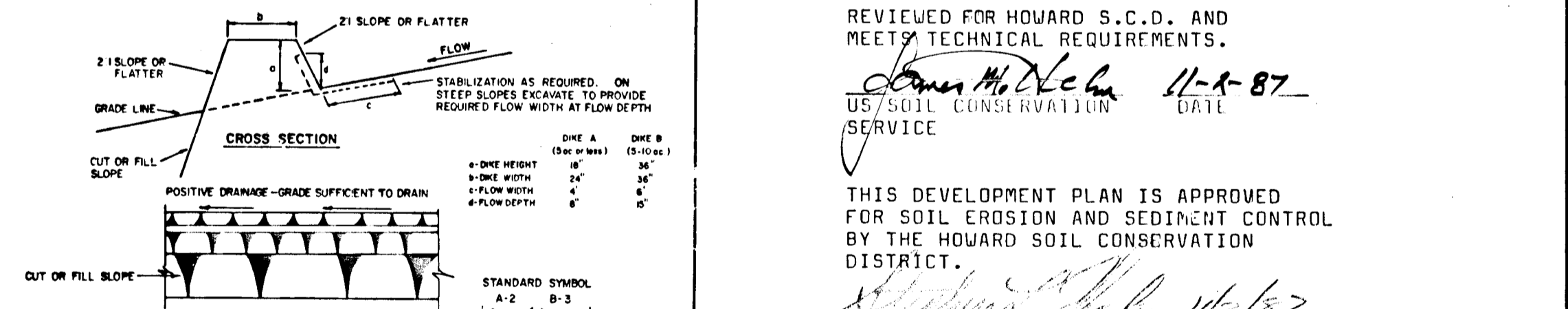


CONSTRUCTION SPECIFICATIONS FOR ST-VI
 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
 2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 3. All cut and fill slopes shall be 2:1 or flatter.
 4. The stone used in the outlet shall be small riprap 4-8" along with a 1' thickness of 2" aggregate placed on the upgrade side on the small riprap or embedded filter cloth in the riprap.
 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
 6. The structure shall be inspected after each rain and repairs made as needed.
 7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

Maximum Drainage Area: 5 Acres

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
 STONE OUTLET SEDIMENT TRAP
 STANDARD DRAWING
 ST-VI

EARTH DIKE



CONSTRUCTION SPECIFICATIONS FOR ST-VI
 1. All dikes shall be compacted by earth-moving equipment.
 2. All dikes shall have positive drainage to an outlet.
 3. TOP WIDTH MAY BE WIDER AND SLOPE MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION EQUIPMENT.
 4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
 5. DIKE SLOPES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. PERFORATION SHALL BE CONVERTED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHEN EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
 6. STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SECTIONING; (B) FLOW CHANNEL AS PER THE CHART BELOW.

TYPE OF TREATMENT	CHANNEL	DIKE A	DIKE B
1	5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH EXCEEDED 50% OF STONE
3	5.1-8.0%	SEED WITH MULCH OR SOIL	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. STONE TO BE 2" HIGH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PREPRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
 B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PREPRESSED INTO THE SOIL.
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
 D. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
 EARTH DIKE
 STANDARD DRAWING
 ED-1

Owner/Developer: DELTA CORPORATION
 101 CHESTNUT STREET
 BAITERSBURG, MD 20811
 301-948-2918

NO.	REVISIONS	DATE

G DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

SEDIMENT CONTROL DETAILS
 SECTION 4 AREA 2
 DRAWN: P. 87-09
 CHECKED: P. 87-09
 SCALE: AS SHOWN

S 80-83
 P. 87-09
 F. 88-51

DATE: 8/26/87
 BY: [Signature]
 CHECKED: [Signature]
 SCALE: AS SHOWN

PROJECT NO. 180-02
 SHEET 8 OF 8

F-88-51