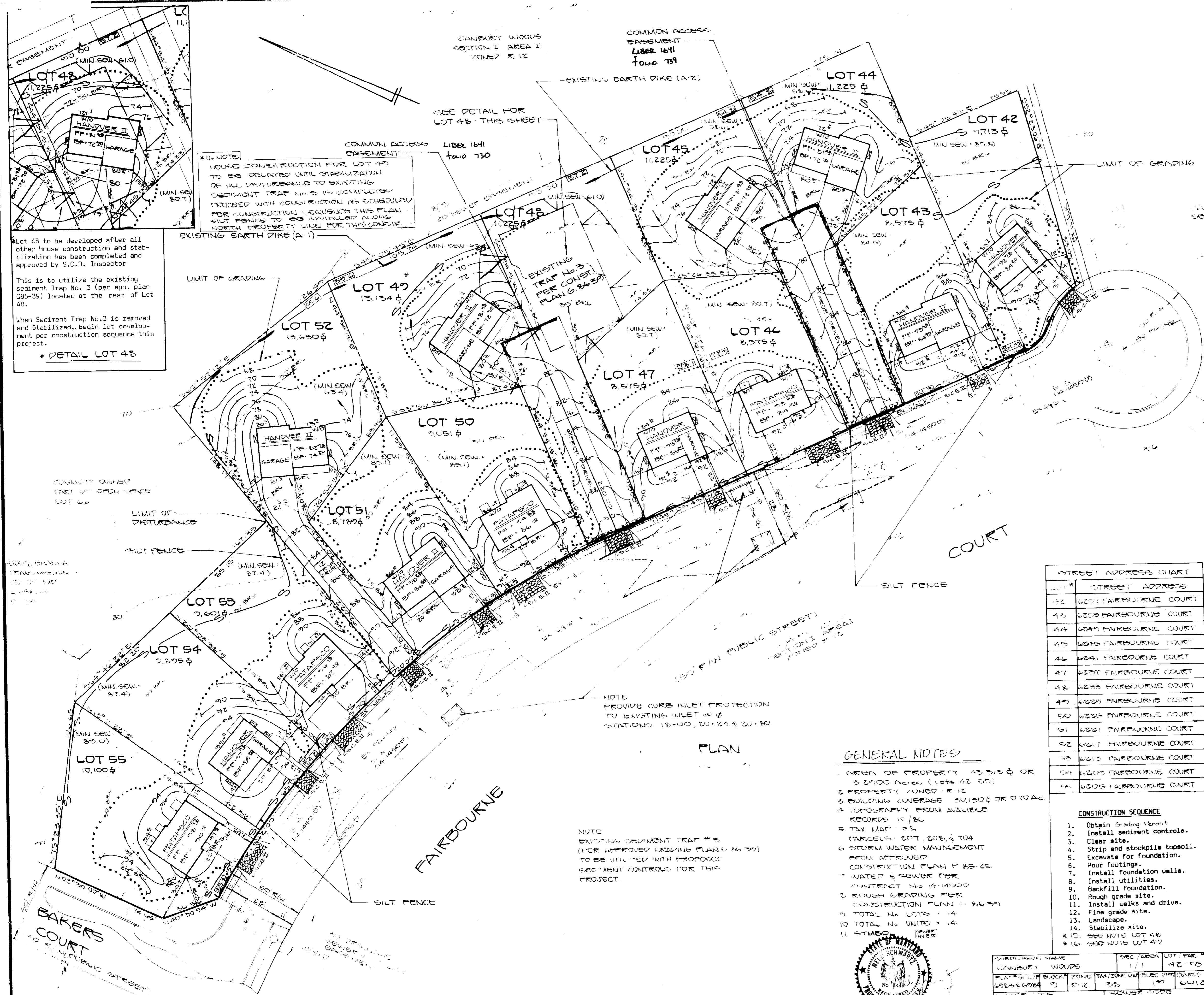


VICINITY MAP
SCALE: 1"=2000'

APPROVED
DIVISION OF LAND
ZONING ADMINISTRATION
HOWARD COUNTY
DATE 4-1-87



Lot 48 to be developed after all other house construction and stabilization has been completed and approved by S.C.D. Inspector
This is to utilize the existing sediment trap No. 3 (per app. plan 086-39) located at the rear of Lot 48.
When Sediment Trap No.3 is removed and stabilized, begin lot development per construction sequence this project.
*DETAIL LOT 48

ALL NOTE
HOUSE CONSTRUCTION FOR LOT 49 TO BE DELAYED UNTIL STABILIZATION OF ALL DISTURBANCE TO EXISTING SEDIMENT TRAP NO. 3 IS COMPLETED PROCEED WITH CONSTRUCTION AS SCHEDULED PER CONSTRUCTION SEQUENCE THIS PLAN SILT FENCES TO BE INSTALLED ALONG NORTH PROPERTY LINE FOR THIS COURSE.

NOTE
PROVIDE CURB INLET PROTECTION TO EXISTING INLET # 2 STATIONS 18+00, 20+23 & 20+40

NOTE
EXISTING SEDIMENT TRAP # 3 (PER APPROVED GRADING PLAN # 086-39) TO BE UTILIZED WITH PROPOSED SEDIMENT CONTROLS FOR THIS PROJECT

LOT #	STREET ADDRESS
42	625 FAIRBOURNE COURT
43	623 FAIRBOURNE COURT
44	623 FAIRBOURNE COURT
45	625 FAIRBOURNE COURT
46	624 FAIRBOURNE COURT
47	627 FAIRBOURNE COURT
48	625 FAIRBOURNE COURT
49	625 FAIRBOURNE COURT
50	625 FAIRBOURNE COURT
51	621 FAIRBOURNE COURT
52	627 FAIRBOURNE COURT
53	625 FAIRBOURNE COURT
54	625 FAIRBOURNE COURT
55	625 FAIRBOURNE COURT

GENERAL NOTES

- AREA OF PROPERTY 43.313 ± OR 3.2000 Acres (Lots 42-55)
- PROPERTY ZONED R-12
- BUILDING COVERAGE 50,150 ± OR 0 TO AC
- TOPOGRAPHY FROM AVAILABLE RECORDS 10/86
- TAX MAP 28
- PARCELS 217, 208 & 104
- STORM WATER MANAGEMENT PER APPROVED CONSTRUCTION PLAN P 25-25
- WATER & SEWER PER CONTRACT NO 14 14500
- ROUGH GRADING PER CONSTRUCTION PLAN # 86-39
- TOTAL No LOTS - 14
- TOTAL No UNITS - 14
- SYMBOLS

CONSTRUCTION SEQUENCE

- Obtain Grading Permit
- Install sediment controls.
- Clear site.
- Strip and stockpile topsoil.
- Excavate for foundation.
- Pour footings.
- Install foundation walls.
- Install utilities.
- Backfill foundation.
- Rough grade site.
- Install walks and drive.
- Final grade site.
- Landscape.
- Stabilize site.
- SEE NOTE LOT 48
- SEE NOTE LOT 49

SUBDIVISION NAME	SEC AREA	LOT #	DATE
CANBURY WOODS	1/1	42-55	
PLAT #	ZONE	TAX ZONE	DATE
086-39	R-12	28	6012
OWNER	AREA	ACRES	
AOI	2090000		



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, swales, 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."
DATE 2/16/87

ENGINEER 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."
DATE 2/27/87
ENGINEER - NEIL SCHWARTZ

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
DATE 5-4-87
US SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
DATE 5/1/87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-7-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 5-8-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 5-6-87

Owner/Developer	NO.	REVISIONS	DATE
OWNERS: 50 HOUSE 2010 N.W. 11th St MIAMI FL 33142			



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

SDP No 87-165	SITE DEVELOPMENT PLAN LOTS 42-55 SECTION I AREA I CANBURY WOODS ELECTION DISTRICT HOWARD COUNTY MARYLAND	DATE FEB 1987 DRAWN M.A.M. CHECKED S.C.D. SCALE 1"=50' PROJECT NO. 87-165	Sheet 1 of 2
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SDP-87-165

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED 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 THRU APRIL 30 AND AUGUST 1 THRU NOVEMBER 15, SEED WITH 1 LB. PER ACRE OF ANNUAL RYE (2.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 31, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (1.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OR USE SOE.

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 216 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER ACRE (6 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.

PERMANENT SEEDING NOTES

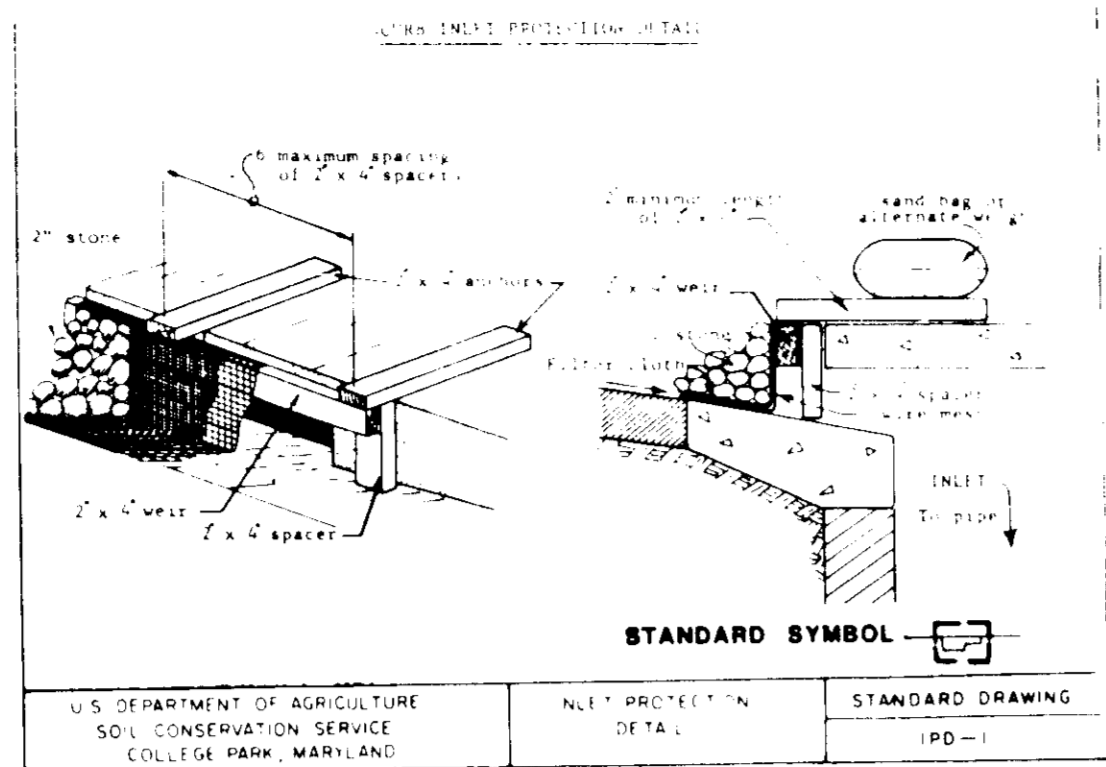
APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

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 SQUARE FEET) 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 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU MAY 31, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.06 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. (2) USE SOE. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELLS 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 216 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (6 GAL/1000 SQ. FT.) FOR ANCHORING.**
- MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.**

- SEDIMENT CONTROL NOTES**
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (1992-2437)
 - 2) All vegetative and structural practices are to be installed according to the provisions of this plan and in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - 3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days for all other disturbed or graded areas on the project site.
 - 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - 5) All disturbed areas must be stabilized within the time periods specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 - 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - 7) Site Analysis:
Total Area of Site: 140,000 sq. ft. / 3.23 Acres
Area Disturbed: 95,000 sq. ft. / 2.16 Acres
Area to be roofed or paved: 30,000 sq. ft. / 0.70 Acres
Area to be vegetatively stabilized: 110,000 sq. ft. / 2.50 Acres
Total Cut: 4,450 Cu. Yds.
Total Fill: 4,450 Cu. Yds.
Offsite waste/borrow area location:
 - 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - 9) Additional sediment controls must be provided, if deemed necessary by the Howard County SDU sediment control inspector.
 - 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
 - 11) EXISTING SEDIMENT TRAP #3 (PER APPROVED GRADING PLAN # 26-79) TO BE UTILIZED WITH PROPOSED SEDIMENT CONTROL FOR THIS PROJECT
 - 12) STORM WATER MANAGEMENT FROM APPROVED CONSTRUCTION PLAN # 25-23



Construction Specifications

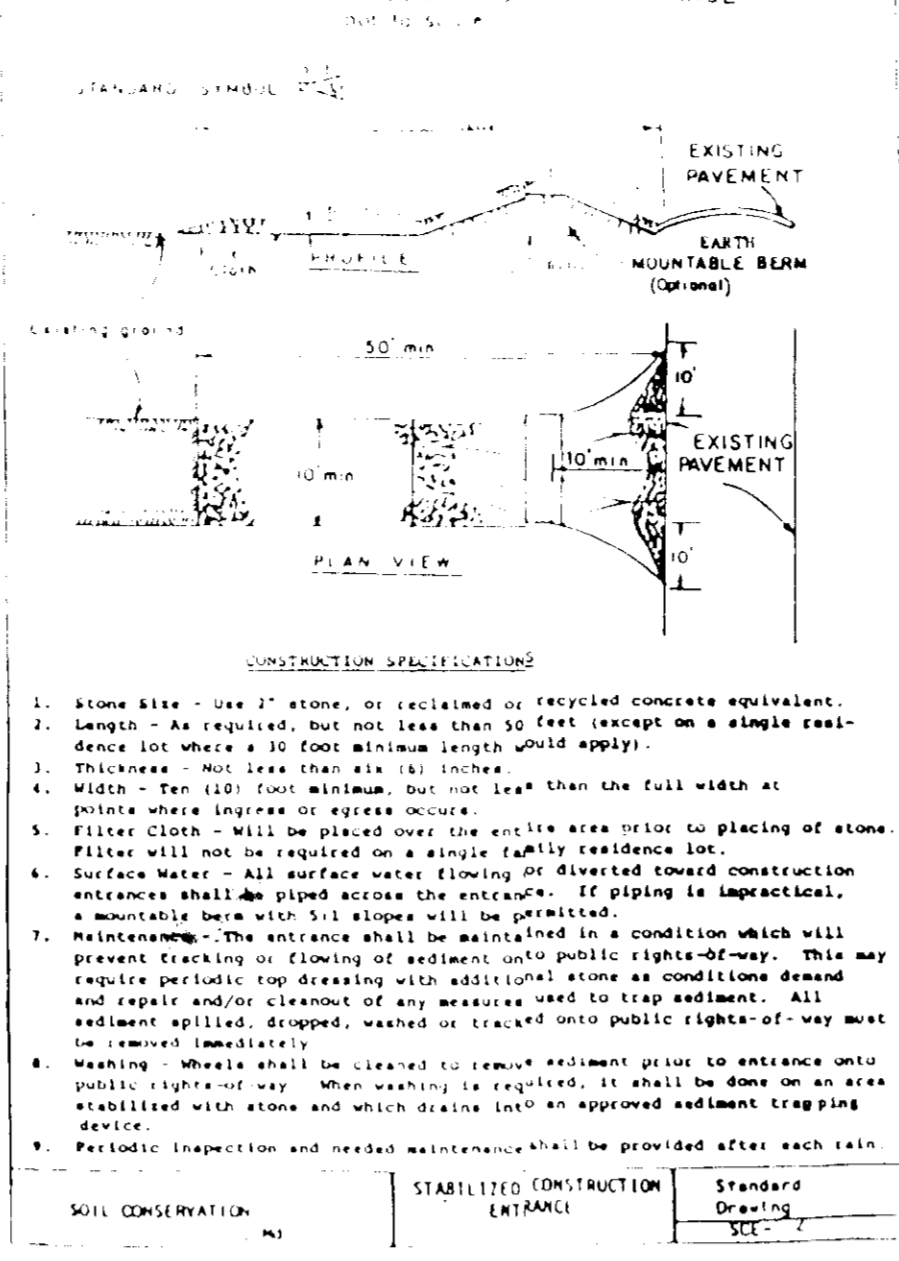
Materials

1. Wooden frame is to be constructed of 2" x 4" construction grade lumber.
2. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully supported against it.
3. Filter cloth must be of a type approved for this purpose; resistant to sunlight with a tear strength of 500, 40-85, to allow unrestricted passage of water and removal of sediment.
4. Stone to be 2" in size and clean, since fines would clog the cloth.

Maximum Drainage Capacity = 0.32 LBS/SEC/INCH

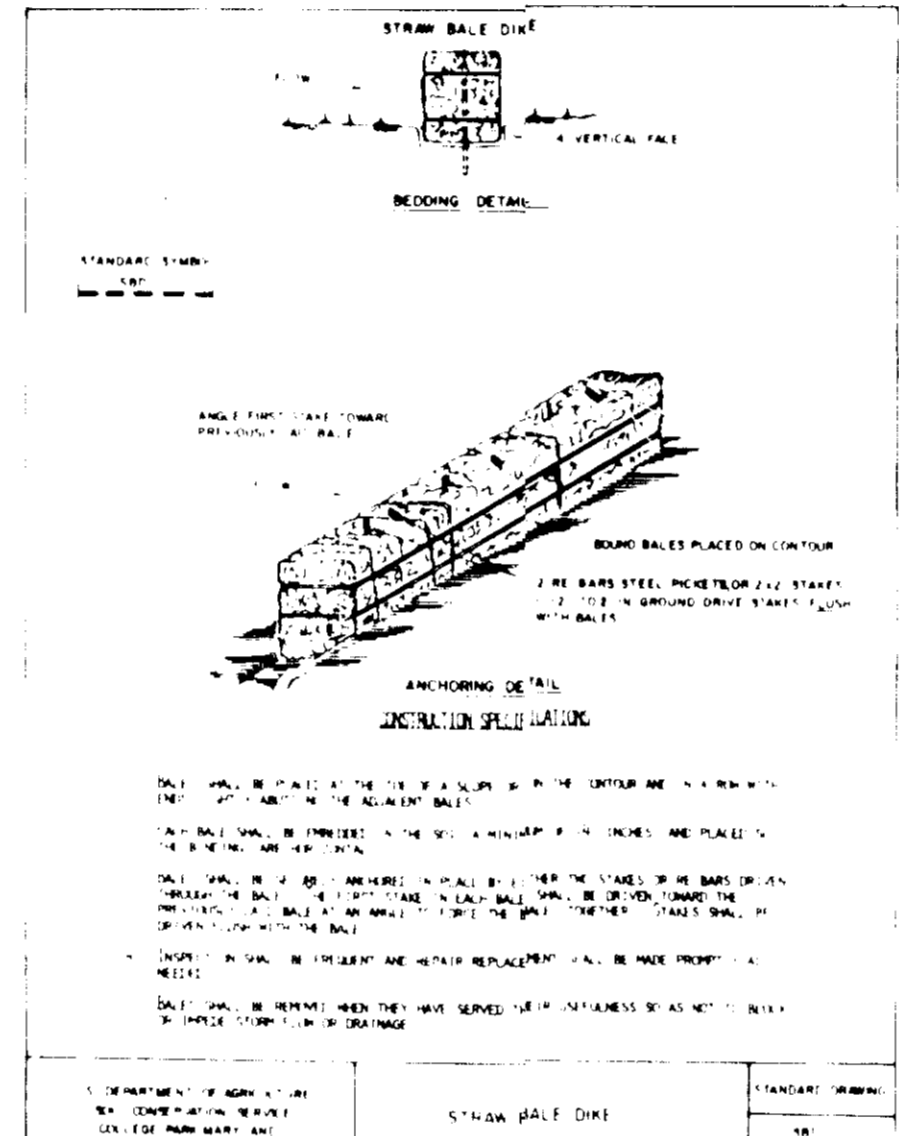
Curb Inlet Protection

1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (see wiring throat length plus 2") as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 slope) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the end spacers are a minimum 1" beyond both ends of the throat opening.
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place Clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

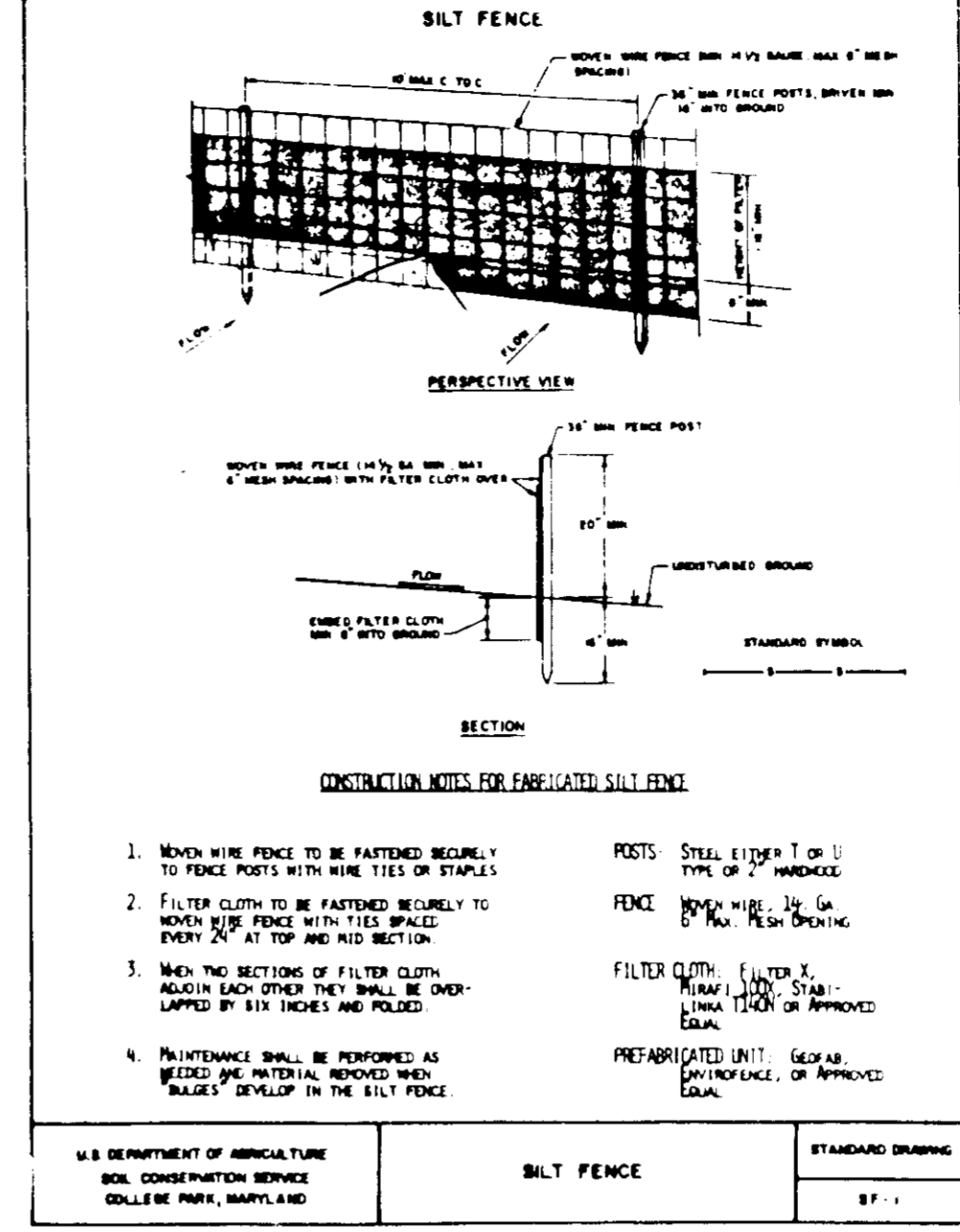


Construction Specifications

1. Stone apron - use 2" stone or equivalent of recycled concrete equivalent.
2. Length - As required, but not less than 50 feet except on a single easement lot where a 10 foot minimum length would apply.
3. Thickness - Must be 12" to 18" thick.
4. Width - For 100 foot minimum, but not less than the full width at points where changes of slope occur.
5. Filter cloth - Will be placed over the entire area in lieu of placing of stone. Filter will not be required on a steeply sloping easement lot.
6. Surface water - All surface water flowing of elevated toward construction entrance shall be piped across the entrance. If piping is impractical, a portable pipe with 1 1/2" diameter will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and regular cleaning of any sediments used to trap sediment. All sediment applied, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Warning - Warning shall be located to prevent sediment from entrance onto public right-of-way. When warning is required, it shall be done on an area established with stone and which define (into) an approved sediment trapping device.
9. Permitted inspection and repair maintenance shall be provided after each rain.

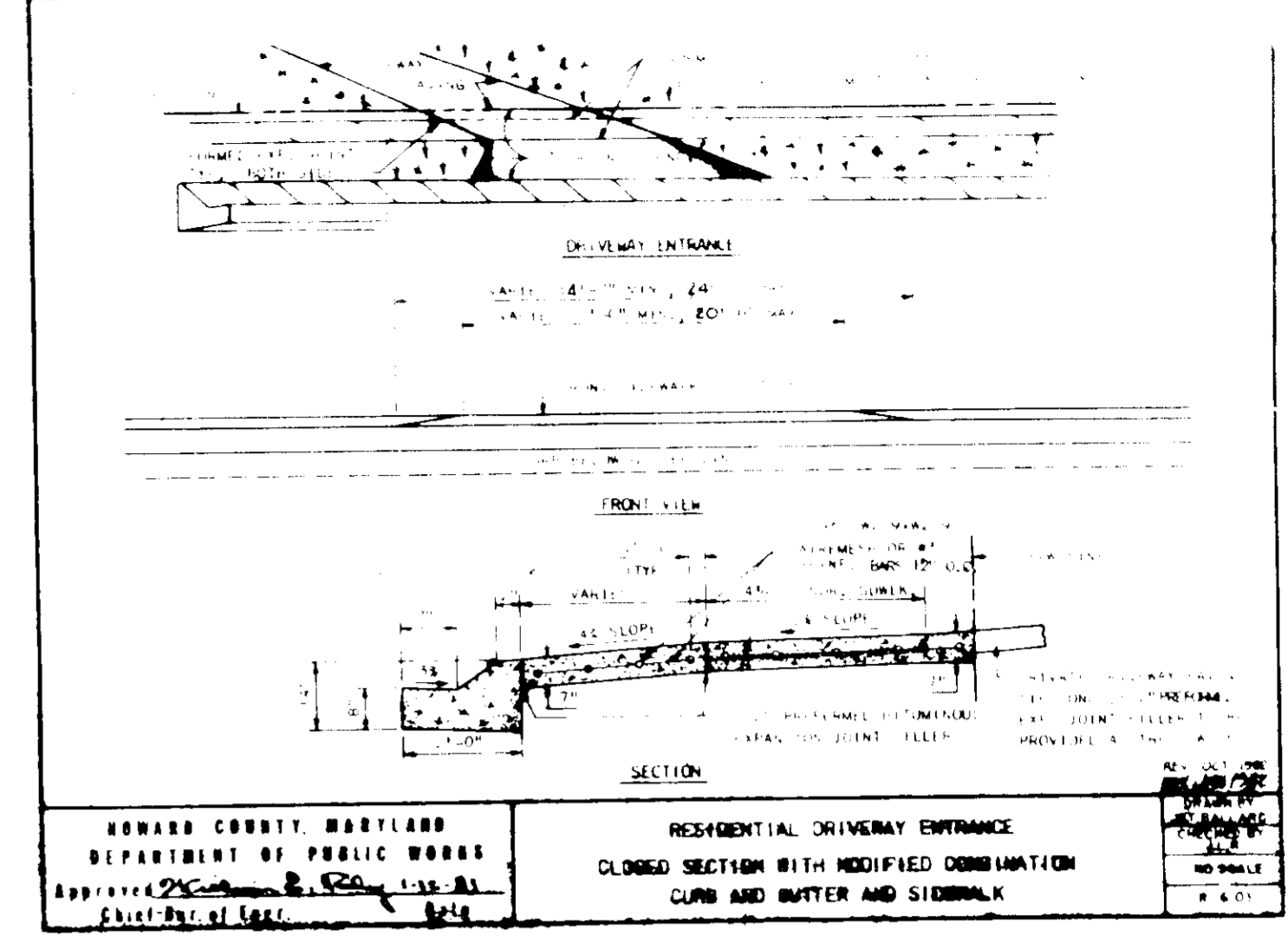
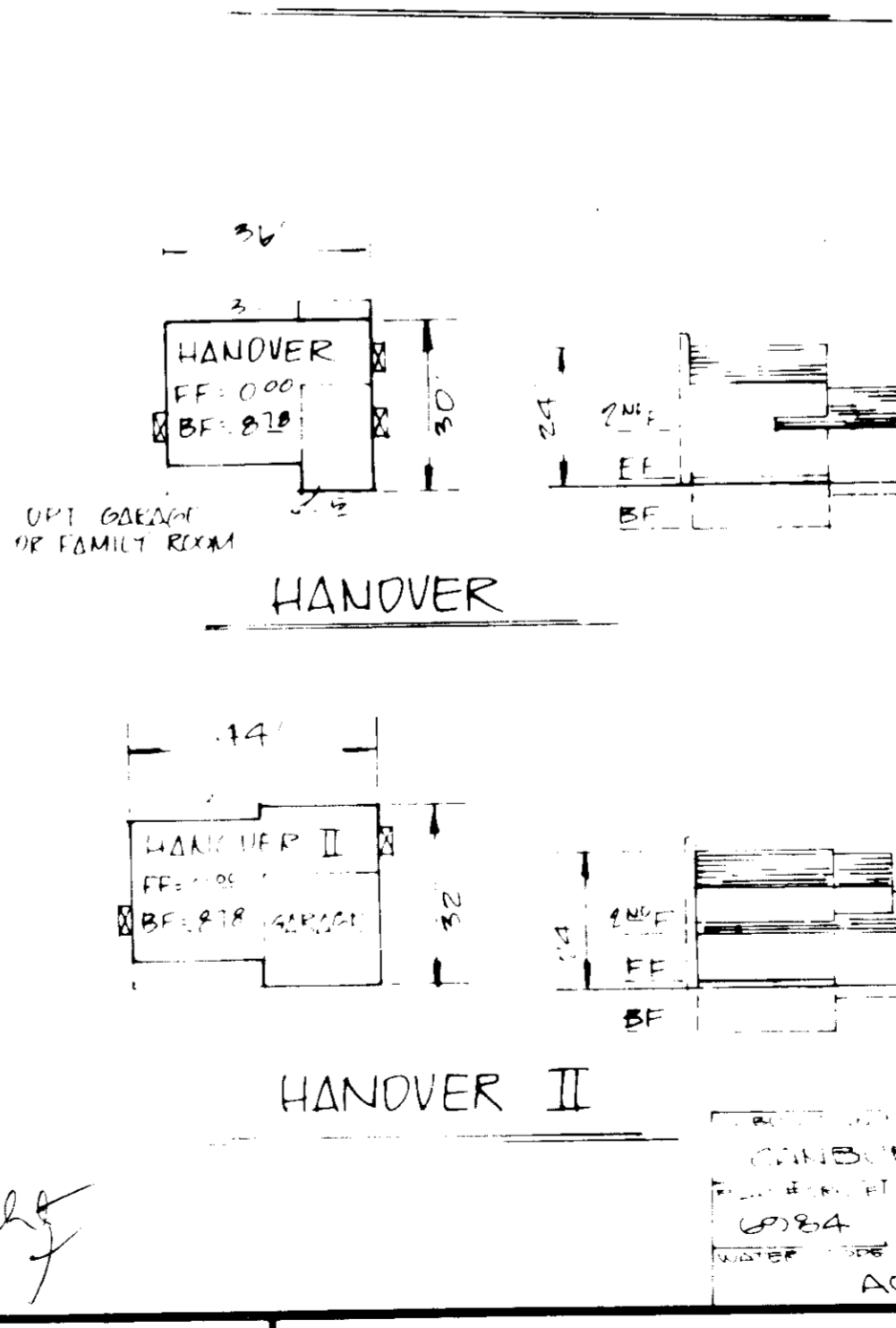
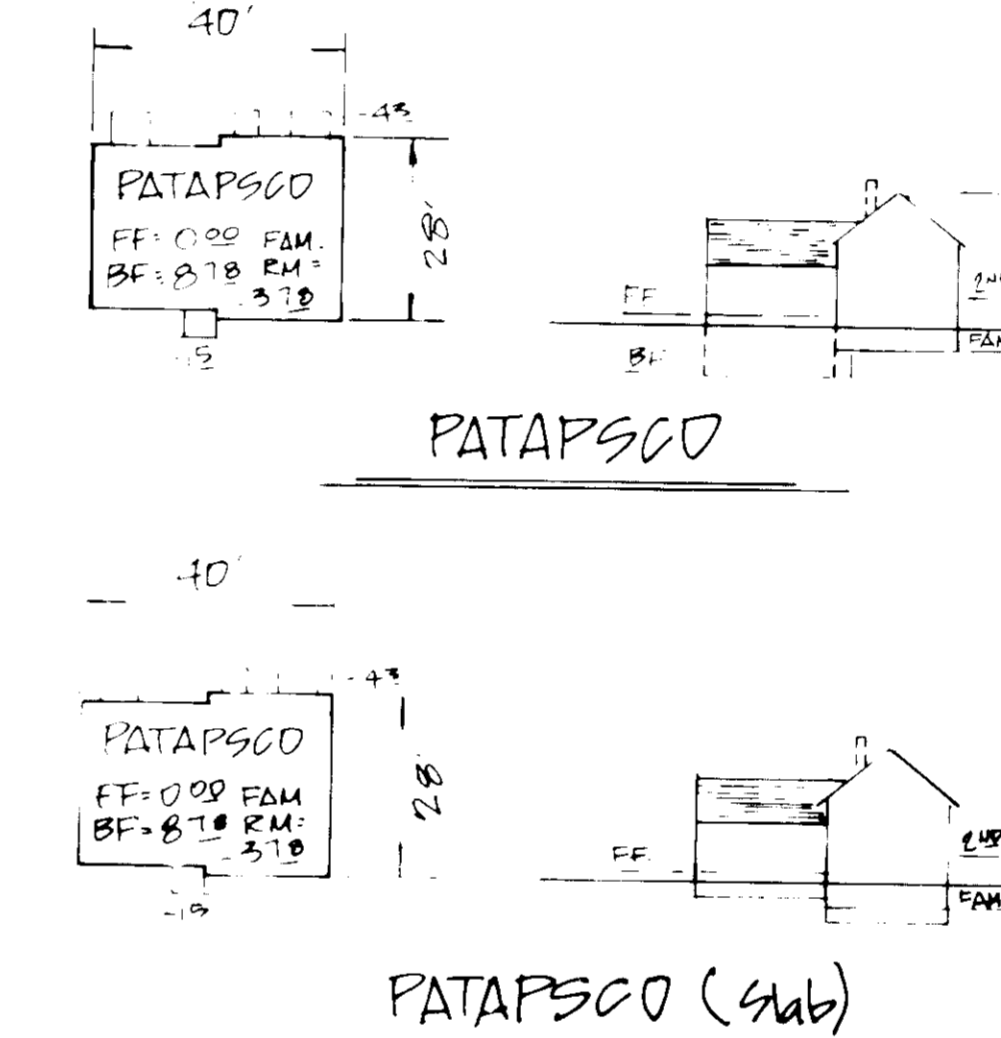


SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS	
		FULL DEPTH BIT. CMAC, ALTERNATE	GRANULAR BASE ALTERNATES
P-1	PARKING AREAS AND TRAVELWAYS APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH NO HEAVY TRAFFIC	4" BIT. CON. SURFACE 4" BIT. CON. BASE	4" BIT. CON. SURFACE 4" BIT. CON. BASE 4" BIT. CON. SURFACE 4" BIT. CON. BASE



Construction Specifications

1. Stone apron - use 2" stone or equivalent of recycled concrete equivalent.
2. Length - As required, but not less than 50 feet except on a single easement lot where a 10 foot minimum length would apply.
3. Thickness - Must be 12" to 18" thick.
4. Width - For 100 foot minimum, but not less than the full width at points where changes of slope occur.
5. Filter cloth - Will be placed over the entire area in lieu of placing of stone. Filter will not be required on a steeply sloping easement lot.
6. Surface water - All surface water flowing of elevated toward construction entrance shall be piped across the entrance. If piping is impractical, a portable pipe with 1 1/2" diameter will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and regular cleaning of any sediments used to trap sediment. All sediment applied, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Warning - Warning shall be located to prevent sediment from entrance onto public right-of-way. When warning is required, it shall be done on an area established with stone and which define (into) an approved sediment trapping device.
9. Permitted inspection and repair maintenance shall be provided after each rain.



Construction Specifications

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9. Permitted inspection and repair maintenance shall be provided after each rain.

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, swales, 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."

James M. H. John 2/7/87
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."

Walter Schwartz 2/7/87
ENGINEER - WALTER SCHWARTZ DATE

REVIEWED FOR HOWARD COUNTY S.C.D. NAME

James M. H. John 5-4-87
U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen L. Fuller 5/4/87
HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Joseph Boylan 5-7-87
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Thomas J. Smith 5-8-87
DIRECTOR DATE

John W. Thurman 5-8-87
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Steve F. Nemy 5-6-87
DIRECTOR DATE

William S. Rupp 5-4-87
CHIEF BUREAU OF ENGINEERING DATE

Owner/Developer:	NO.	REVISIONS	DATE
DEVELOPMENT GROUP, INC.			

DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-1570

DATE FEB. 1987

DRAWN M.A.M.

CHECKED M.A.M.

SCALE 1" = 20'-0"

Sheet 2 of 2

SDP-87-165