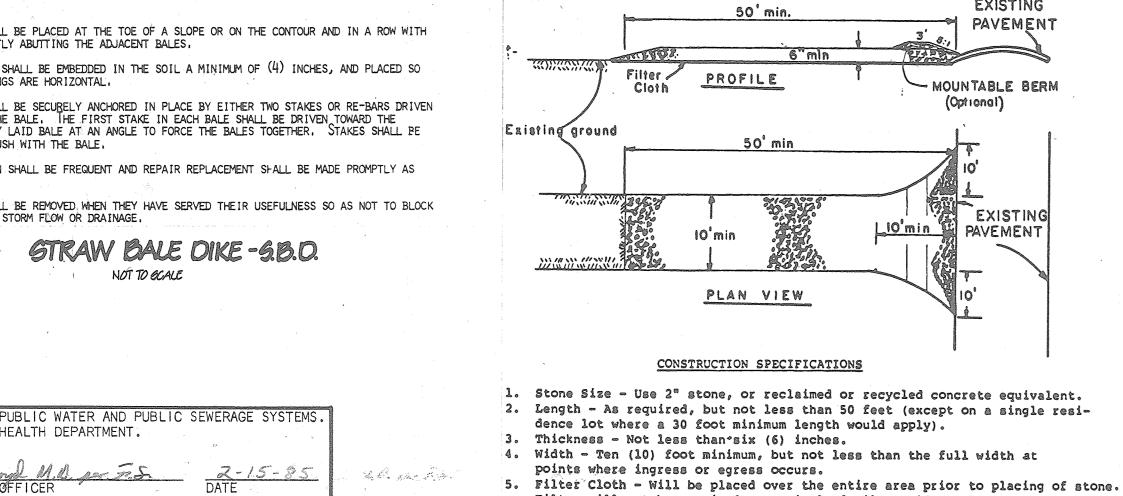
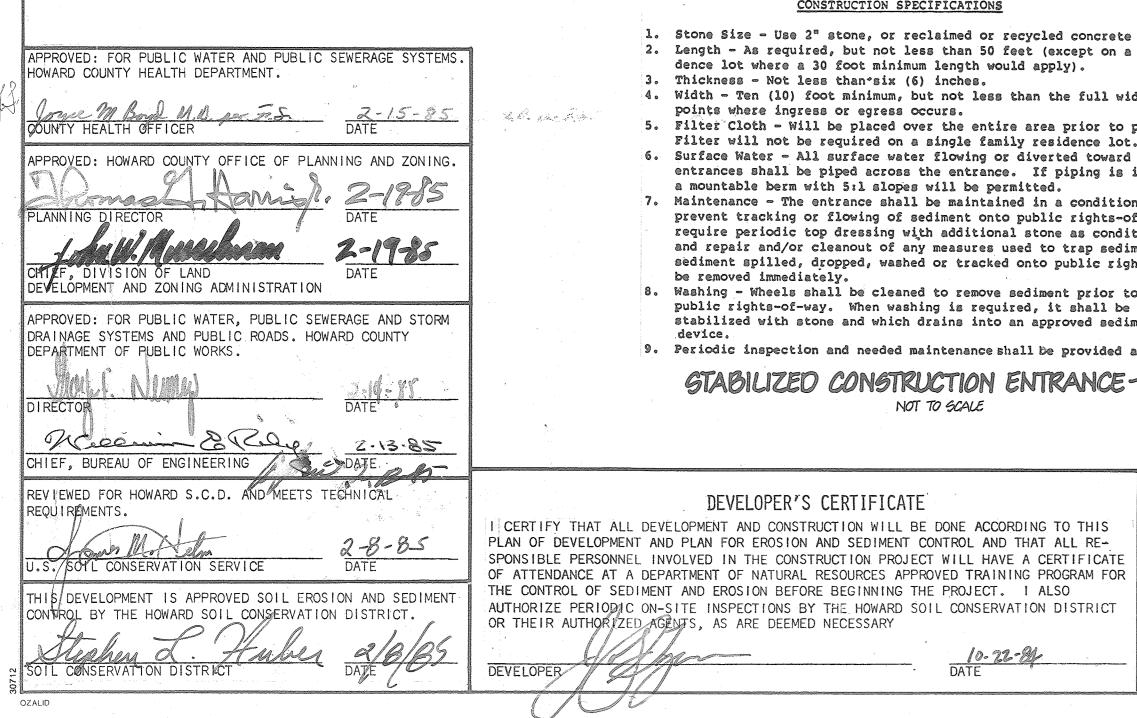


LOT NUMBER		STREET ADDRESS	, ,	a constitution of
20	5309	EASTGLEN ROAD		
01	5313	EASTGLEN ROAD		
02	5317	EAGTGLEN ROAD		
93	5321	EASTGLEN ROAD	4	
94	5925	EASTGLEN ROAD		
06	<i>5303</i>	OEBBIE COURT		
26	5307	DEBBIE COURT		
07	5311	DEBBIE COURT		
98	5315	OEBBIE COURT		
22	5310	DEBBIE COURT		
100	5303	OEBBIE COURT		
101	<i>9</i> 327	DEBBIE COURT		
102	5330	DEBBIE COURT		
103	5326	DEBBIE COURT		
106	5314	DEBBIE COURT		
107	5310	DEBBIE COURT		
108	5306	DEBBIE COURT		·
100	<i>530</i> ?	DEBBIE COURT		W1.0. THO. IT W.
110	60.00	FACTCHEN POAD		

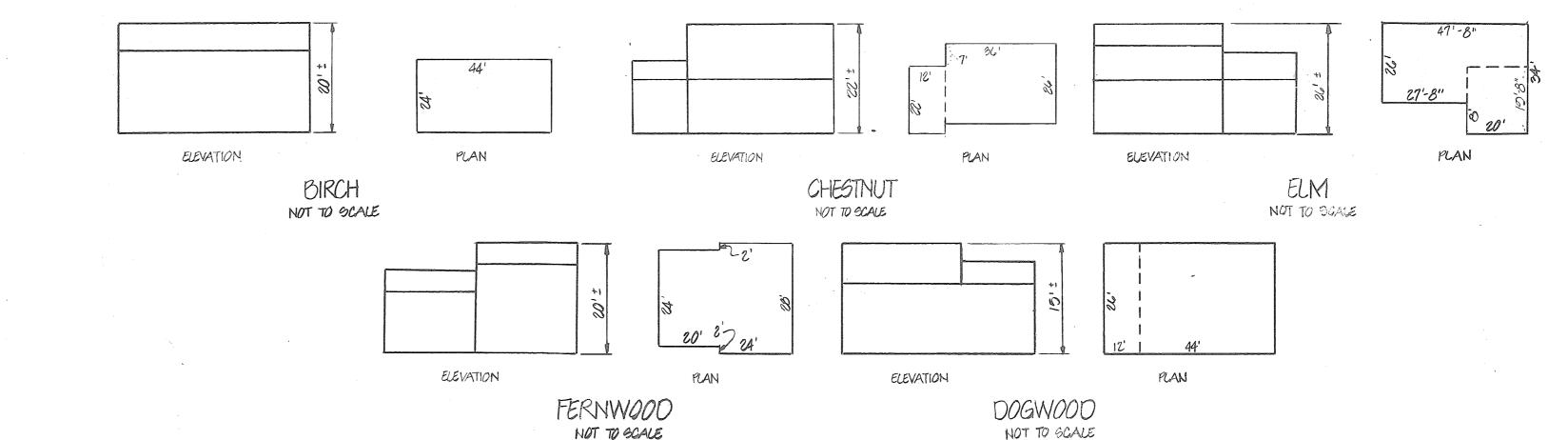
SEDIMENT CONTROL NOTES 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS." PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE. 2. APPLY FOR GRADING PERMIT. NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS. 4. CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE. 5. CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM. 6. ELEVATIONS MARKED THUS(X) SHALL BE FINISHED GRADE. ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S). MAXIMUM FILL SLOPE SHALL BE 3:1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW. 8. SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE. INSPECTIONS AND PERMITS. 9. STABILIZATION MEASURES TEMPORARY STABILIZATION: APPLY: 2000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC OR 11.5 LBS./1000 SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING. PERMANENT STABILIZATION: APPLY: 2000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. OF 10-10-10 FERTILIZER. 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE 40 LBS./AC. OF KENTUCKY BLUE GRASS. 25 LBS./AC. OF ANNUAL RYEGRASS. SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUG. 1 - OCT. 1 ONLY. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING. 2 TONS/AC. OF UNWEATHERED WHEATSTRAW. TIE MULCH DOWN WITH 480 GAL./AC. OF LIQUID ASPHALT. O. FOLLOWING INITIAL SOIL DISTURBANCES OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN I SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. 11. ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH YOL. I, CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL STORM DRAINAGE. -4" VERTICAL FACE BEDDING DETAIL ANGLE FIRST STAKE TOWARD PREVIOUSLY LAID BALE BOUND BALES PLACED ON CONTOUR RE-BARS, STEEL PICKETS, OR 2"x2" STAKES 11/2' TO 2' IN GROUND, DRIVE STAKES FLUSH CONSTRUCTION SPECIFICATIONS 1. Bales shall be placed at the toe of a slope or on the contour and in a row with ENDS TIGHTLY ABUTTING THE ADJACENT BALES. 2. Each bale shall be embedded in the soil a minimum of (4) inches, and placed so THE BINDINGS ARE HORIZONTAL. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL PE DRIVEN FLUSH WITH THE BALE. 4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS 5. Bales shall be removed when they have served their usefulness so as not to block OR IMPEDE STORM FLOW OR DRAINAGE. STRAW BALE DIKE - S.B.O. NOT TO ECALE APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

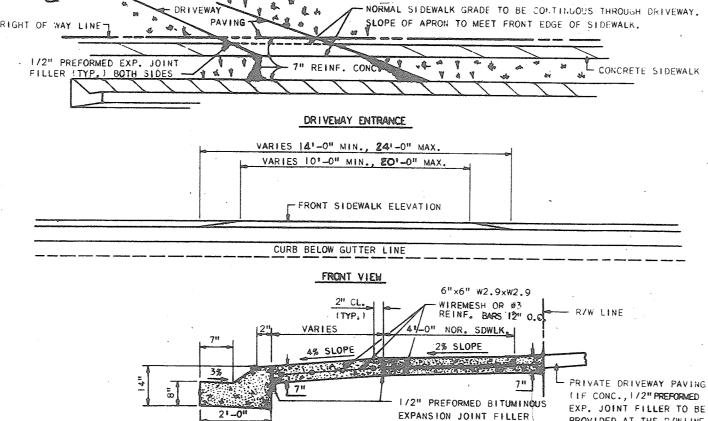




CONSTRUCTION SEQUENCE

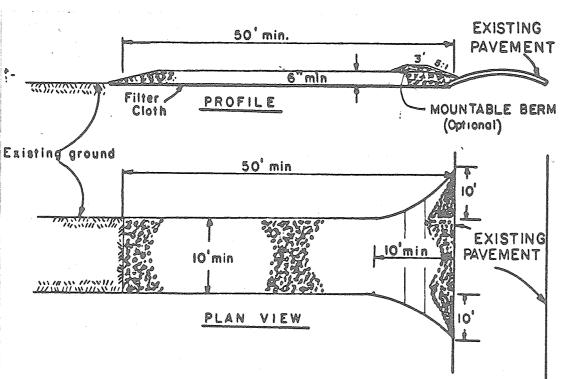
- I. OBTAIN GRADING PERMIT.
- E. NOTIFY THE HOWARD COUNTY BUREAU OF LICENSES, INSPECTIONS AND PERMITS
- AND CONSTRUCTION INGRECTION/SURVEYS DIVISION 24 HOURS PRIOR TO GRADING OPERATIONS. 3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES. (G.C.E., I.P.O., G.B.O., E.O.,
- TRAP#1, TRAP#3 4. ROUGH GRADE LOTS AND INSTALL UTILITY GERVICES. APPLY TEMPORARY STABILIZATION
- 5. CONSTRUCT HOUSES, PAVE DRIVEWAYS.
- 6. FINE GRADE. APPLY PERMANENT STABILIZATION MEAGURES.
- 7. REMOVE TEMPORARY SECIMENT CONTROL MEAGURES AFTER ALL DISTURGED AREAS ARE STABILIZED AND WITH THE APPROVAL OF THE HOWARD COUNTY BUREAU OF LICENSES, INSPECTIONS AND PERMITS





SECTION

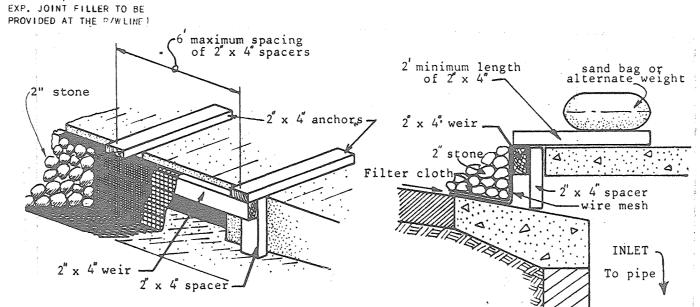
ORIVEWAY ENTRANCE DETAIL HO.CO. DESIGN MANUEL - R-G.O NOT TO SCALE



- Filter will not be required on a single family residence lot.
- 6. Surface Water All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted. 7. 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 cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- 8. 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
- 9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE-S.C.E.

DEVELOPER'S CERTIFICATE



Construction Specifications

I. Materials

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

B. 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 (measuring throat length plus 2') as shown on the standard drawing.
- 2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
- , 3. Securely mail 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.

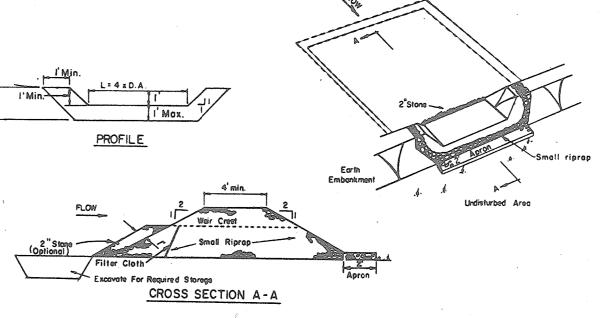
CURB INLET PROTECTION DETAIL-IP.D.

ENGINEER'S CERTIFICATE

CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION







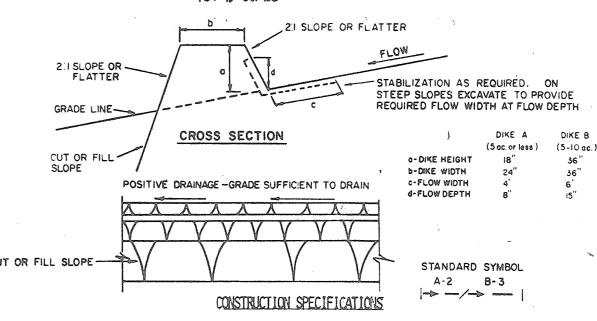
OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-V Area under embankment shall be cleared, grubbed and stripped of any vegetation and root

pollution is minimized.

- mat. The pool area shall be cleared. 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 l' thickness of 2" aggregate placed on the up-grade side on the small riprap OR embedded filter cloth in the
- 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to a 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 than erosion and water
- 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET GEDIMENT TRAP NOT TO SCALE



ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET. TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE

CROSSING BY CONSTRUCTION TRAFFI IELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION, PUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.

STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER

	1	FLOW CHANNEL STABILIZATION	
TYPE OF TREATMENT	CHANNEL GRADE	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 USING JUTE, OR EXCELSIOR; SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN
INCHES	IN THICKNESS AND BE	PRESSED INTO THE SOIL WITH	LENT, IN A LAYER AT LEAST 3 CONSTRUCTION EQUIPMENT. THICKNESS AND PRESSED INTO

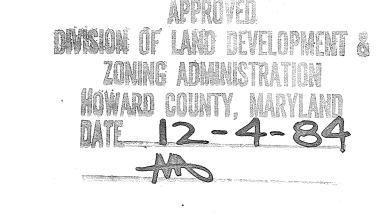
EARTH DIKE NOT TO SCALE

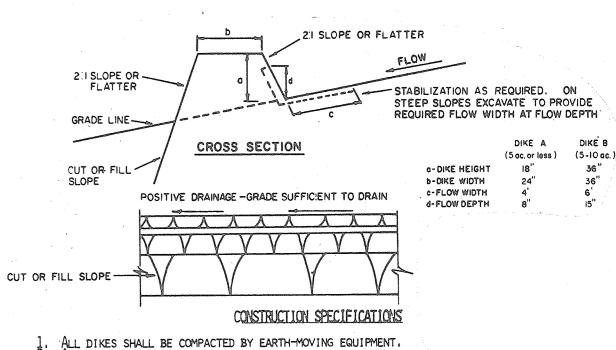
THE SOIL.

APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.





ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.

TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC IELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF

SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED. STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER

FLOW CHANNEL STABILIZATION

TYPE OF IREALMENT	CHANNEL GRADE	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 USING JUTE, OR EXCELSION; SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4.	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO

APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

EARTH DIKE NOT TO SCALE

BURLY BUILDERS, INC. % JOHN P. FINNEGAN 5373 HEGPERUS DR.

TITLE

AUG., 1984

AG SHOWN

GLENMAR JOINT VENTURE 90 WILLIAM R. HOPKIN 9198 ROGERG AVENUE COLUMBIA, MD. 21045 ELLICOTT CITY, MO. 21043

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a	BUM	AD-	GECTION	TWA	1	NTG	<i>ON</i>	TA	10

PROJECT GLENMAK-SECTION TWO LOTS SO TO 103 & 106 TO 110 LOCATION 1 ST ELECTION DISTRICT TAX MAP: 31 HOWARD COUNTY, MARYLAND CHECKED BY DRAWING NO. JOB NO.

J.J.B. boender associates 3565 ELLICOTT MILLS DRIVE

surveyors ELLICOTT CITY, MARYLAND 21043 301-465-7777

SDP-85-87

planners

20F2

engineers