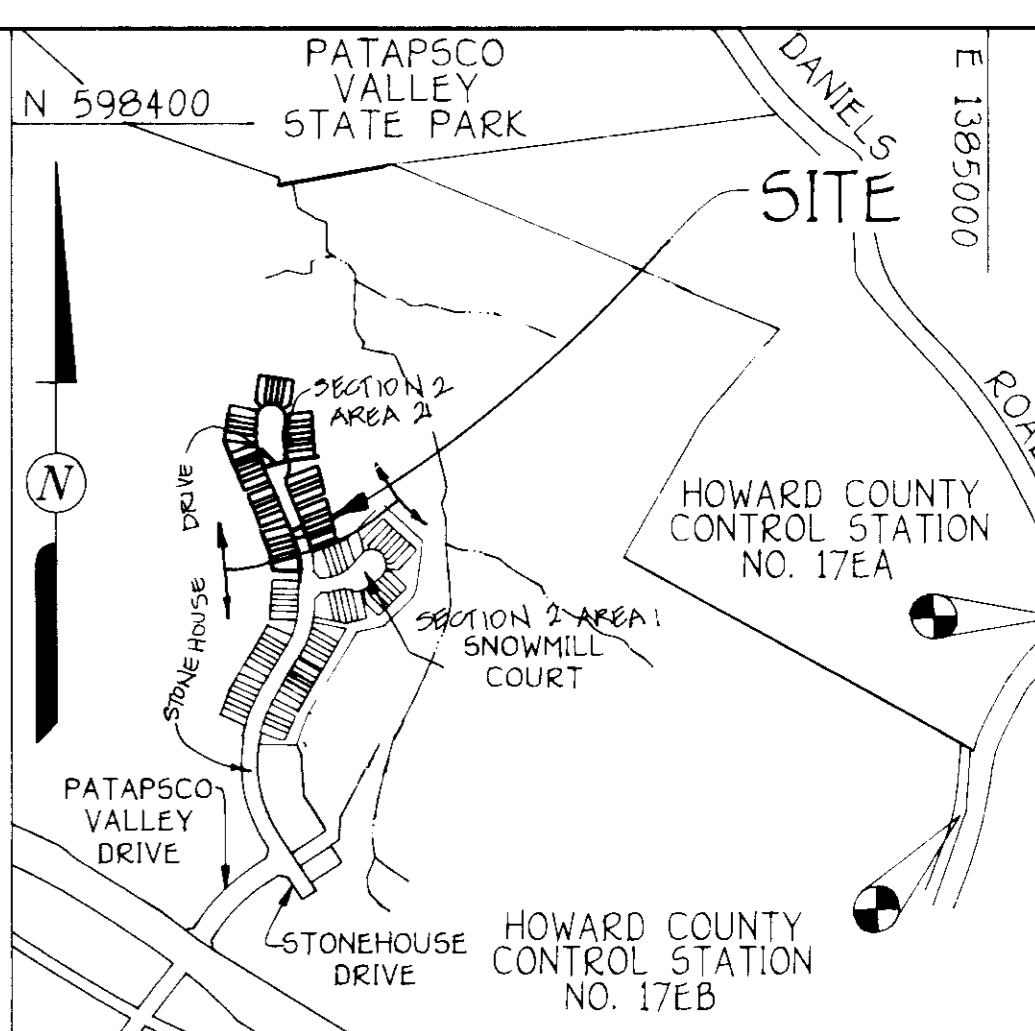


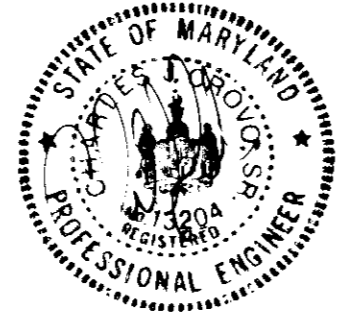
- ### SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT. (10 DAYS)
 2. NOTIFY MDP UTILITY 48 HOURS BEFORE BEGINNING WORK (1-800-257-7777). NOTIFY HOWARD COUNTY CONSTRUCTION/INSPECTION DIVISION 24 HOURS BEFORE STARTING ANY WORK. (410-315-1870). (1 DAY)
 3. REGRADE EXISTING SEDIMENT AND EROSION CONTROL DEVICES AS INDICATED ON PLAN SHEETS AND INSTALL NEW C/P CONTROL DEVICES. INITIAL TEMPORARY PEEDEING. (3 DAYS)
 4. MUDY GRADE SITE TO LIMITS OF DISTURBANCE. (10 DAYS)
 5. CONSTRUCT BUILDINGS. (305 DAYS)
 6. FINE GRADE SITE, INITIAL PERMANENT PEEDEING. (7 DAYS)
 7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSON IS GRANTED BY P/E CONTROL INSPECTOR. (7 DAYS)
 8. INITIAL DRAINAGE, WALKWAYS AND LANDSCAPING.
 9. REMOVE REMAINING SEDIMENT CONTROL DEVICES AS PERMISSON IS GRANTED BY C/P INSPECTOR.



APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 5/21/97

EX. SEDIMENT TRAP AS PER F-96-12B
TYPE OF TRAP: STONE OUTLET SEDIMENT TRAP 9" II
DRAINAGE AREA: 18 AC
STORAGE REQUIRED: 5,400 CF
STORAGE PROVIDED: 4,600 CF
BOTTOM ELEV: 406.00
WEIR CREST ELEV: 410.00
WEIR WIDTH: 4'
CLEAN-OUT ELEV: 408.00



LANDSCAPE LEGEND

SYMBOL	DESCRIPTION	NUMBER	SIZE
(O)	ORNAMENTAL DECIDUOUS TREE (PERSICODENDRUM, LANTHORN, DOGWOOD)	105	8' TO 10' HEIGHT
(X)	EVERGREEN TREES (WHITE PINE, LYNLAND CYPRESS)	19	6' TO 8' HEIGHT
(P)	7/8" TREES (REDWOOD, GREEN OAK, YUKON MAPLE)	7	2 1/2" TO 3" CAL.

NOTE: ALL LOTS ARE SERVICED BY 1" W.H.C'S AND 4" S.H.C'S.

LEGEND

SYMBOL	DESCRIPTION
(---)	EXISTING CONTOUR 2' INTERVAL
(---)	EXISTING CONTOUR 10' INTERVAL
(---)	PROPOSED CONTOUR 2' INTERVAL
(---)	PROPOSED CONTOUR 10' INTERVAL
(+)	SPOT ELEVATION
(-SF - SF)	SILT FENCE
(O)	PROPOSED WALKOUT
(---)	SILT FENCE
(X)	TREE PROTECTION
(---)	SITE DEVELOPMENT PLAN
(---)	DETAIL SHEET
(L.O.D.)	LIMIT OF DISTURBANCE
(S)	EXISTING STREET TREE
(-SS - SS)	SUPER SILT FENCE

SHEET INDEX

SHEET NO.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	SITE DEVELOPMENT PLAN
3	DETAIL SHEET
4	DETAIL SHEET

NOTE:
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISION OF SECTION 16.16 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF ELEVEN THOUSAND AND NINE HUNDRED DOLLARS.

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 of Engineer (Print name below signature) Charles O'Donovan Date 5/21/97

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 the Environment 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."

Signature of Developer (Print name below signature) Charles O'Donovan Date 5-23-97

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service Date 5/21/97

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Howard SCD Date 5/21/97

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Director, Department of Planning and Zoning Date 6/16/97

Chief, Development Engineering Division Date 6/16/97

SUBDIVISION	SECTION/AREA	LOT NO.
DANIELS MILL OVERLOOK	21/2/A	20-39, 41-45, 47-53, 55-59 AND 85-128
PLAT NO.	BLOCK NO.	TAX/ZONE
12759	12	R-ED
WATER CODE	SEWER CODE	ELEC. DIST.
H02	1454850	6021

SITE DEVELOPMENT PLAN

DANIELS MILL OVERLOOK

SECTION 2 AREA 1, SECTION 2 AREA 2

LOTS 20-39, 41-45, 47-53, 55-59 AND 85-128

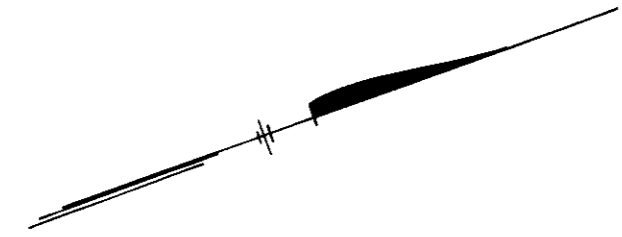
TAX MAP No: 17 PART OF PARCEL: 41, GRID 12
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: MAY 7, 1997

SHEET 1 OF 4

EX SEDIMENT TRAP AS PER F-97-30

TYPE OF TRAP: STONE OUTLET SEDIMENT TRAP ST-II
 DRAINAGE AREA: 3.2 AC.
 STORAGE REQUIRED: 11,550 CF
 STORAGE PROVIDED: 11,550 CF
 BOTTOM ELEV: 406.00
 WEIR CREST ELEV: 410.00
 WEIR WIDTH: 8'
 CLEAN-OUT ELEV: 408.00

E 1364000
 N 1364950



FLAT 12718
 OPEN SPACE LOT 2
 DEDICATED TO HOWARD COUNTY
 DEPARTMENT OF RECREATION
 AND PARKS

OPEN SPACE
 LOT 129
 TO BE DEDICATED TO HOWARD
 COUNTY DEPARTMENT OF RECREATION
 AND PARKS

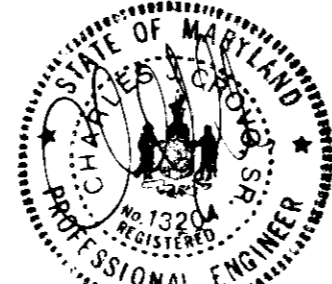
EX SEDIMENT TRAP AS PER S.D.P. 24

TYPE OF TRAP: STONE OUTLET ST-II
 EXIST. D.A.: 0.8 AC.
 PROPOSED D.A.: 3.0 AC.
 STORAGE REQUIRED: 10,800 CF
 STORAGE PROVIDED: 11,280 CF
 TOP OF STONE WEIR: 425.0
 CLEANOUT ELEV: 422.0
 BOTTOM ELEV: 420.0
 STORAGE DEPTH: 4'
 BOTTOM DIM: 12' x 12'
 LENGTH OF OUTLET: 12'

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ 624	SPOT ELEVATION
—SF—SF—	SILT FENCE
⊙	PROPOSED WALKOUT
---	SILT FENCE
-X-X-	TREE PROTECTION LINE
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
(X)	EXISTING STREET TREE
—SF—SF—	SUPER SILT FENCE

**APPROVED
 PLANNING BOARD
 of HOWARD COUNTY**

DATE: 5/21/97



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 3072 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21117
 410.461.2855

305245PB.DWG

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 of Engineer (Print name below signature) Charles O'Donovan Date 5/21/97

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 the Environment 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."

Signature of Developer (Print name below signature) Charles O'Donovan Date 2-3-97

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A. Natural Resources Conservation Service Date 6/16/97

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer (Print name below signature) Charles O'Donovan Date 2-3-97

DEVELOPER/OWNER

RYLAND HOMES
 C/O MR. CHARLES O'DONOVAN
 1447 YORK ROAD
 LUTHERVILLE, MARYLAND 21093

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature of Director [Signature] Date 6/16/97

Signature of Director [Signature] Date 6/16/97

Signature of Chief [Signature] Date 6/19/97

SUBDIVISION		SECTION/AREA		LOT NO.
DANIELS MILL OVERLOOK		2/1	2/2	30-34, 41-45, 47-53, 55-83 and 85-128
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.
12134	12	R-ED	17	2ND
WATER CODE		SEWER CODE		CENSUS TR.
H-02		1454890		6021

SITE DEVELOPMENT PLAN

DANIELS MILL OVERLOOK
 SECTION 2, AREA 1, SECTION 2, AREA 2
 LOTS 20-39, 41-45, 47-53, 55-83, 85-128

TAX MAP No: 17 GRID 12, PART OF PARCEL: 41
 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN DATE: MAY 7, 1997
 SHEET 2 OF 4

- GENERAL NOTES**
- THE CONTRACTOR SHALL NOTIFY THE THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
 - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: F-97-21, F-97-30
 - BOUNDARY PERFORMED BY: FISHER, COLLINS & CARTER INC. ON OR ABOUT APRIL, 1996
 - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 HOWARD COUNTY MONUMENT ITEA N 894391.60
 E 1951908.90
 HOWARD COUNTY MONUMENT ITEB N 879807.87
 E 1959718.10
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAYS OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F-97-21 & F-97-30 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-3866-D AND 14-3861-D.
 - CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
 - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-96-128.
 - THIS PLAN IS SUBJECT TO WAIVER PETITION NO. WP 95-94 FROM SEC. 16.18A OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, WHICH RESTRICTS GRADING AND REMOVAL OF VEGETATIVE COVER FROM WETLANDS AND STREAM BUFFER.
 - SITE ANALYSIS DATA:
 A. TOTAL PROJECT AREA: 8.04 AC.
 B. AREA OF PLAN SUBMISSION: 8.04 AC.
 C. LIMIT OF DISTURBED AREA: 8.04 AC.
 D. PRESENT ZONING: R-ED
 E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY ATTACHED DU.
 F. TOTAL NUMBER OF UNITS ALLOWED: 105
 G. TOTAL NUMBER OF UNITS PROPOSED: 105
 H. NUMBER OF PARKING SPACES REQUIRED: 210 (12 SPACES PER DWELLING UNIT)
 I. NUMBER OF PARKING SPACES PROVIDED: 236
 J. OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F-96-128
 K. RECREATIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED (26250 S.F. REQ.) 28095 S.F. (1250 S.F. PER UNIT)
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISION OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF ELEVEN THOUSAND AND NINE HUNDRED DOLLARS (\$11,900).
 - TOPOGRAPHY IS BASED ON S.D.P. 97-22 MASS GRADING PLAN FOR DANIELS MILL OVERLOOK.

NOTE: ALL LOTS ARE SERVICED BY 1" W.C.'S AND 4" S.H.C.'S

14. THE GARAGES REQUIRED TO PROVIDE THE REQUISITE TWO PARKING SPACES PER UNIT MAY NOT BE CONVERTED TO LIVING SPACE.

15. DECKS MAY PROJECT NO MORE THAN TEN FEET INTO A REQUIRED SETBACK.

PLAN VIEW

SCALE: 1" = 30'

SCHEDULE A PERIMETER LANDSCAPE EDGE		
CATEGORY	ADJACENT TO ROADWAYS	
LANDSCAPE TYPE	C	
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	142	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	NO	
(DESCRIBE BELOW IF NEEDED)		
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET)	NO	
(DESCRIBE BELOW IF NEEDED)		
NUMBER OF PLANTS REQUIRED		
SHADE TREES 1:40	4	
EVERGREEN TREES 1:20	7	
SHRUBS	--	
NUMBER OF PLANTS PROVIDED		
SHADE TREES	4	
EVERGREEN TREES	19	
OTHER TREES (2:1 SUBSTITUTION)	--	
SHRUBS (0:1 SUBSTITUTION)	--	
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)		

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING		
NUMBER OF PARKING SPACES	26	
NUMBER OF TREES REQUIRED 1:10	3	
NUMBER OF TREES PROVIDED	3	
SHADE TREES	3	
OTHER TREES (2:1 substitution)	--	

SCHEDULE C RESIDENTIAL DEVELOPMENT INTERNAL LANDSCAPING		
NUMBER OF DWELLING UNITS	105	
NUMBER OF TREES REQUIRED (1:10 SFA; 1:3 DU APTS)	105	
NUMBER OF TREES PROVIDED		
SHADE TREES	105	
OTHER TREES (2:1 substitution)	--	

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED 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, IF NOT PREVIOUSLY LOOSENED.

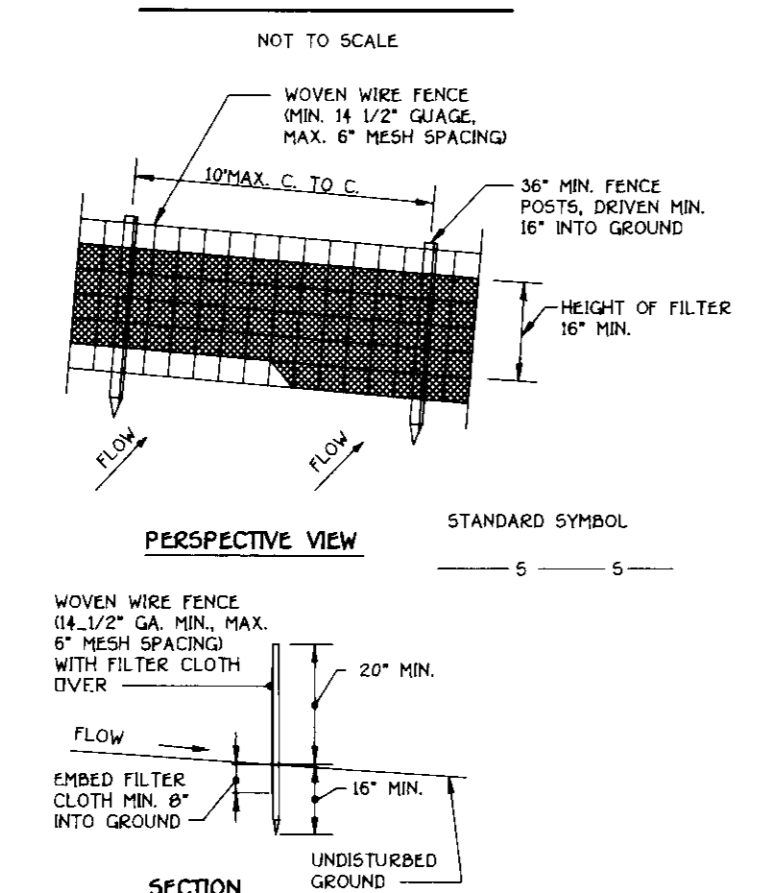
SOIL AMENDMENTS:
APPLY 100 LBS. PER ACRE 10-10-10 FERTILIZER (10 LBS./1,000 SQ.FT.)

SEEDING:
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 1 TON PER ACRE OF ANNUAL RYE (3.2 LBS./ACRE OF WEEPING LOVEGRASS 107 LBS./1,000 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 SOU.

MULCHING:
APPLY 1 TON TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR 200 GALLONS PER ACRE (5 GALLONS/SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 8 FEET OR HIGHER. USE 300 GALLONS PER ACRE (6 GALLONS/SQ.FT.) FOR ANCHORING.

MAINTENANCE:
REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SILT FENCE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

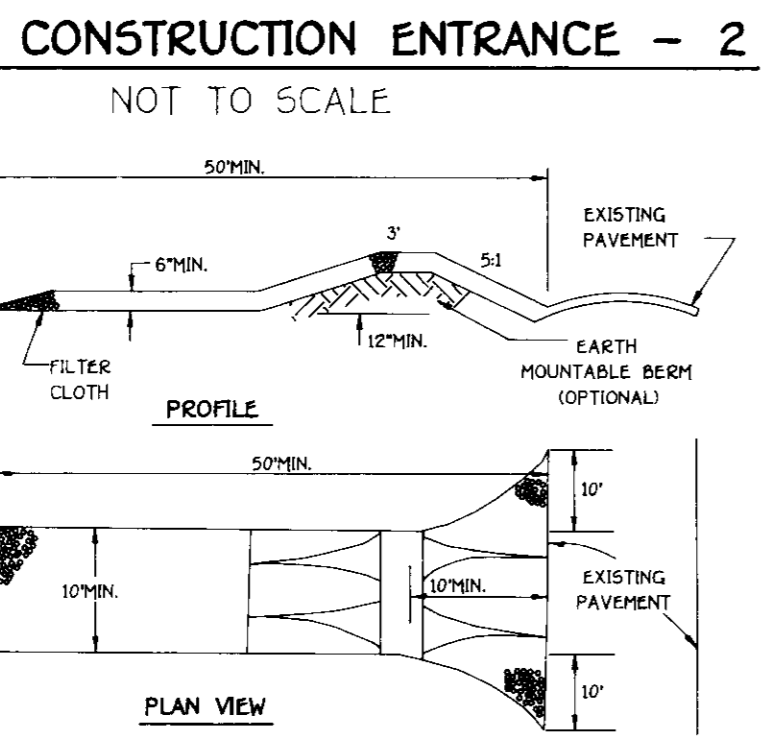
FENCE: WOVEN WIRE, 1/2 GA. 36" MAX. HESH SPACING

FILTER CLOTH: FILTER CLOTH, MESH: 100% STABILINA 14 ON OR APPROVED EQUAL

PREFABRICATED UNIT: GEOTAP, ENVIRONMENTAL, OR APPROVED EQUAL

LOT INFORMATION						
LOT #	LOT SIZE (SQ. FT.)	D.U. SIZE (SQ. FT.)	% OF COVERAGE	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (5.H.C.)	STREET ADDRESS
20	3,008	843	945	28	446.2	8133 STONEHOUSE DRIVE
21	2,188	843	945	38	445.0	8135 " "
22	2,195	843	945	38	445.1	8137 " "
23	2,223	843	945	38	444.4	8139 " "
24	2,237	843	945	38	443.8	8141 " "
25	2,215	843	945	38	443.1	8143 " "
26	3,014	843	945	28	441.7	8145 " "
27	3,000	843	945	28	440.0	8149 " "
28	2,200	843	945	38	439.9	8151 " "
29	2,200	843	945	38	438.9	8153 " "
30	2,200	843	945	38	437.8	8155 " "
31	2,200	843	945	38	437.0	8159 " "
32	2,200	843	945	38	436.3	8161 " "
33	3,574	843	945	24	434.1	8165 " "
34	3,112	843	945	27	430.7	8165 " "
35	2,301	843	945	37	427.5	8167 " "
36	2,284	843	945	37	426.6	8169 " "
37	2,262	843	945	37	425.3	8171 " "
38	2,240	843	945	38	424.2	8173 " "
39	3,020	843	945	28	420.0	8175 STONEHOUSE DRIVE
41	5,502	843	945	15	419.0	414.41 2701 SNOWMILL COURT
42	2,558	843	945	33	418.7	2703 " "
43	2,539	843	945	33	418.7	414.14 2705 " "
44	2,453	843	945	34	415.6	411.09 2707 " "
45	3,258	843	945	26	413.4	408.81 2709 " "
47	4,262	843	945	20	411.1	406.51 2713 " "
48	2,569	843	945	33	411.2	406.63 2715 " "
49	2,293	843	945	37	411.2	406.62 2717 " "
50	2,208	843	945	38	410.9	406.34 2719 " "
51	2,256	843	945	37	410.6	406.05 2721 " "
52	2,473	843	945	34	408.9	406.09 2723 " "
53	3,881	843	945	22	409.7	405.10 2725 " "
55	3,088	843	945	28	409.8	405.20 2728 " "
56	2,177	843	945	39	410.9	406.36 2722 " "
57	2,268	843	945	37	412.1	407.31 2720 " "
58	2,223	843	945	38	413.4	408.19 2718 " "
59	2,192	843	945	38	413.4	408.96 2716 " "
60	3,117	843	945	27	414.2	409.60 2714 " "
61	3,623	843	945	23	415.2	410.63 2710 " "
62	2,794	843	945	30	417.4	412.88 2708 " "
63	2,915	843	945	29	418.8	413.71 2706 " "
64	2,772	843	945	30	418.6	414.07 2704 " "
65	2,551	843	945	33	418.9	414.94 2702 " "
66	5,804	843	945	15	418.0	414.45 2700 SNOWMILL COURT
67	4,719	843	945	18	420.0	420.98 8168 STONEHOUSE DRIVE
68	2,461	843	945	34	431.5	426.94 8166 " "
69	2,349	843	945	36	430.0	428.41 8164 " "
70	2,269	843	945	37	433.7	429.19 8162 " "
71	2,201	843	945	38	434.6	430.28 8160 " "
72	3,001	843	945	28	435.6	431.04 8158 " "
73	3,000	843	945	28	436.2	433.67 8156 " "
74	2,200	843	945	38	437.8	437.21 8152 " "
75	2,200	843	945	38	438.9	439.90 8150 " "
76	2,200	843	945	38	439.3	434.75 8148 " "
77	2,200	843	945	38	440.0	435.44 8146 " "
78	2,200	843	945	38	440.9	436.36 8144 " "
79	3,299	843	945	26	441.7	437.08 8142 STONEHOUSE DRIVE

EARTH DIKE



CONSTRUCTION SPECIFICATIONS

- 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 TRAFFIC.
- FIELD LOCATION SHALL BE ADJUSTED AS NECESSARY 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 BASIN WHERE EITHER THE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
- STABILIZATION SHALL BE (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEDIMENT CONTROL OR (B) STRAW MULCH IF NOT IN SEEDING SEASON. (B) FLOW CHANNEL AS PER THE CHART BELOW.

FLOW CHANNEL STABILIZATION

TYPE OF CHANNEL TREATMENT	DIKE A	DIKE B
1	3'-3" SEE D AND STRAW MULCH	SEED AND STRAW MULCH
2	3'-3" SEE D AND STRAW MULCH	EXCESSIVE SOIL, 2" STONE
3	5'-0" SEE D WITH JUTE, OR SOU	LINED RIP-RAP 4"-8" 2" STONE
4	8'-0" SEE D	LINED RIP-RAP 4"-8" ENGINEERING DESIGN

- 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 6 INCHES THICKNESS AND PRESSED INTO THE SOIL.
- APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

SEDIMENT CONTROL NOTES

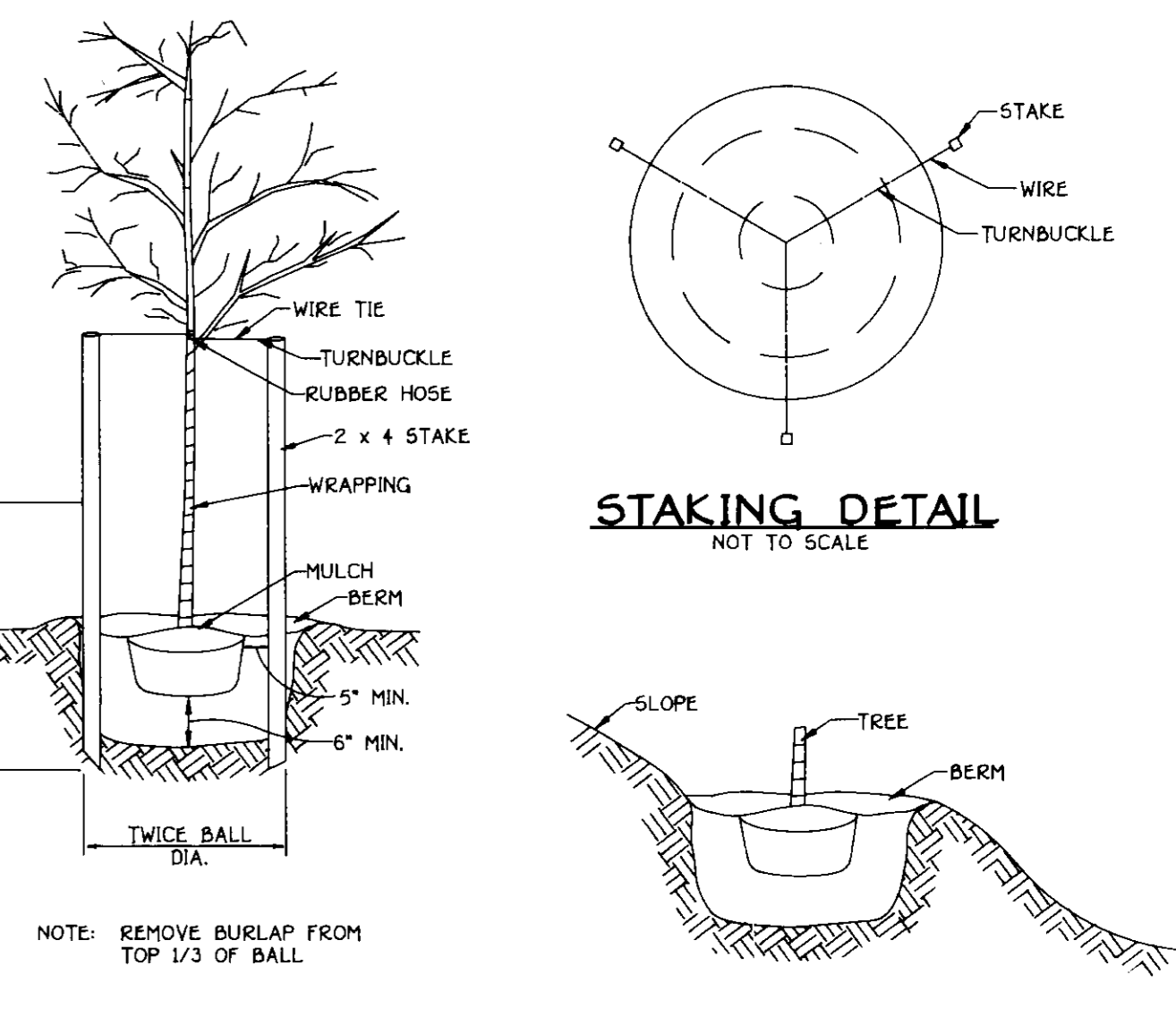
- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (30-DAYS).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PERMITTED SEDIMENT CONTROL STRUCTURES, DIKES, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. BY 14 DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING AND MAINTAINING SIGNS POSTED AROUND THEIR PREMISES IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL. STORM DRAINAGE AND ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 31), SOU (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR SOIL GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTORS.
- SITE ANALYSIS:**
 - TOTAL AREA OF SITE: 8.04 ACRES
 - AREA TO BE ROOFED: 8.04 ACRES
 - AREA TO BE STABILIZED: 2.79 ACRES
 - TOTAL CUT: 2.26 CU.YDS.
 - TOTAL FILL: 3262 CU.YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: 0.00 ACRES
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING OR ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMITTED 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 IS OBTAINED BY THE INSPECTION AGENCY IF MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY. WICKEDAYS IS EXCEPTED.

LOT INFORMATION						
LOT #	LOT SIZE (SQ. FT.)	D.U. SIZE (SQ. FT.)	% OF COVERAGE	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (5.H.C.)	STREET ADDRESS
80	3,407	843	945	25	443.1	438.57 8138 STONEHOUSE DRIVE
81	2,277	843	945	37	444.8	440.23 8136 " "
82	2,257	843	945	37	445.9	440.74 8134 " "
83	3,223	843	945	26	446.1	441.53 8132 " "
85	4,454	843	945	19	420.2	415.60 8101 " "
86	2,370	843	945	36	420.1	416.04 8103 " "
87	2,335	843	945	36	420.7	416.18 8105 " "
88	2,324	843	945	36	420.9	416.36 8107 " "
89	2,324	843	945	36	421.1	416.52 8109 " "
90	3,381	843	945	25	422.7	417.53 8111 " "
91	3,200	843	945	28	424.6	419.49 8115 " "
92	2,200	843	945	38	426.0	420.85 8117 " "
93	2,200	843	945	38	426.7	421.71 8119 " "
94	2,200	843	945	38	427.8	422.57 8121 " "
95	3,141	843	945	27	429.0	423.57 8123 " "
96	3,200	843	945	26	430.5	425.13 8125 " "
97	2,200	843	945	38	432.0	424.91 8127 " "
98	2,200	843	945	38	432.3	424.25 8129 " "
99	2,203	843	945	38	432.0	423.84 8131 " "
100	2,228	843	945	38	428.5	423.39 8133 " "
101	3,123	843	945	27	428.0	422.97 8135 " "
102	3,601	843	945	23	427.5	422.47 8137 " "
103	2,433	843	945	35	427.4	422.15 8139 " "
104	2,344	843	945	36	426.8	421.69 8141 " "
105	2,289	843	945	37	426.4	421.21 8143 " "
106	3,335	843	945	25	425.9	420.33 8145 " "
107	3,572	843	945	24	424.9	420.03 8147 " "
108	2,260	843	945	37	426.0	419.90 8149 " "
109	2,195	843	945	38	424.7	419.65 8151 " "
110	2,241	843	945	38	424.3	419.31 8153 " "
111	3,524	843	945	24	423.8	419.03 8155 " "
112	3,127	843	945	27	424.5	419.51 8157 " "
113	2,305	843	945	37	426.3	421.45 8159 " "
114	2,434	843	945	35	426.8	421.99 8161 " "
115	2,482	843	945	34	428.1	423.23 8163 " "
116	2,463	843	945	34	428.8	423.99 8165 " "
117	2,401	843	945	35	429.1	424.31 8167 " "
118	3,308	843	945	25	429.8	425.03 8169 " "
119	4,217	843	945	20	428.4	423.31 8171 " "
120	2,859	843	945	29	427.4	422.69 8173 " "
121	2,793	843	945	30	426.8	421.89 8175 " "
122	3,945	843	945	21	425.0	420.09 8177 STONEHOUSE DRIVE

* D.U. SIZE AND PERCENT OF COVERAGE WITH "MUNROOM ADDITION."

LOT INFORMATION						
LOT #	LOT SIZE (SQ. FT.)	D.U. SIZE (SQ. FT.)	% OF COVERAGE	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (5.H.C.)	STREET ADDRESS
123	3,718	843	945	23	425.7	418.81 8174 STONEHOUSE DRIVE
124	2,476	843	945	34	422.6	417.67 8176 " "
125	2,410	843	945	35	421.6	416.73 8178 " "
126	2,344	843	945	36	420.9	416.30 8180 " "
127	2,278	843	945	37	420.4	416.21 8182 " "
128	3,226	843	945	26	420.4	415.86 8184 STONEHOUSE DRIVE

* D.U. SIZE AND PERCENT OF COVERAGE WITH "MUNROOM ADDITION."



TREE PLANTING NOT TO SCALE

GRADING FOR PLANTING ON SLOPES NOT TO SCALE

NOTE: REMOVE BURLAP FROM TOP 1/3 OF BALL.

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

DEFINITION:<