

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.

SILT FENCE

NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 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.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTAIN BEAM WITH 5:1 SLOPES WILL BE PERMITTED.
- 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.
- 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.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1. 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 (3:30-3:45 PM).
- 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 PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES EXCEPT WITHIN 31' BY 14' DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPPING BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1998 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 50). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 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.
- SITE ANALYSIS:

TOTAL AREA OF SITE	0.98 ACRES
AREA DISTURBED	0.28 ACRES
AREA TO BE ROOFED OR PAVED	0.71 ACRES
TOTAL AREA TO BE VEGETATIVELY STABILIZED	2.90 ACRES
TOTAL FILL	240 CU.YDS.
OFFSITE WASTE/SBORROW AREA LOCATION	
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEFERRED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, 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.
- PERMISSION FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEDIMENT CONTROL NOTES

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 2072 BALTIMORE NATIONAL PIKE
ELICFIELD CITY, MARYLAND 21042
410 481 2255

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
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
---	PROPOSED WALKOUT
-X-X-	TREE PROTECTION
---	EXISTING TREE LINE
---	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE

TEMPORARY SEEDING NOTES

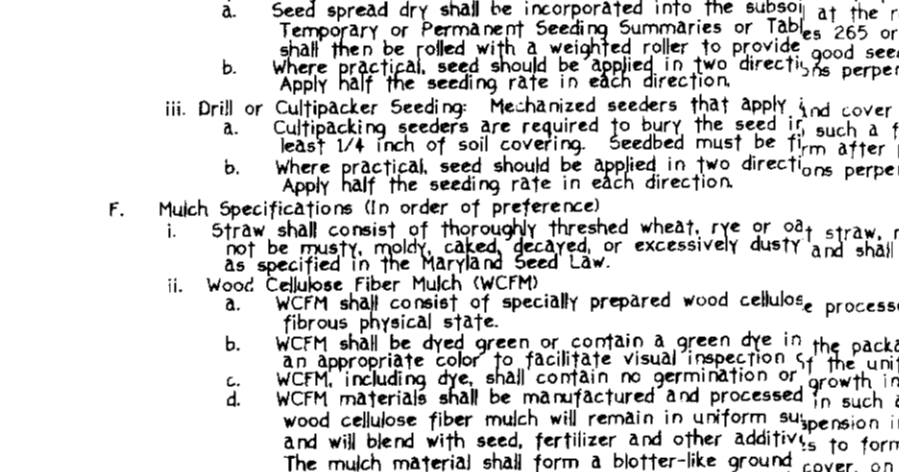
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION - LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS - APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (2 LB/1,000 SQ.FT) AND 500 LBS PER ACRE 0-20-20 FERTILIZER (14 LB/1,000 SQ.FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 10-10-10 FERTILIZER (15 LB/1,000 SQ.FT) AND 500 LBS PER ACRE (15 LB/1,000 SQ.FT) OF 10-20-20 FERTILIZER.
- SEEDING - FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS PER ACRE (2.3 LB/1,000 SQ.FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LB/1,000 SQ.FT) KENTUCKY 31 TALL FESCUE AND 2 LB/ACRE (0.05 LB/1,000 SQ.FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE WITH 100 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.
- MULCHING - APPLY 1 TO 2 TONS PER ACRE (10 TO 90 LB/1,000 SQ.FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE 15 GAL./1,000 SQ.FT OF EMULSIFIED ASPHALT ON FLAT AREAS OR 50 LBS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE 500.
- MULCHING - APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LB/1,000 SQ.FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR ZIP GALLONS PER ACRE IS GALLOON SQ.FT OF EMULSIFIED ASPHALT ON FLAT AREAS OR 50 LBS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE 500.
- REFER TO THE 1998 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.
- FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEET AT 15 LBS/ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING, OR OPTION SEEDING DATE FOR THIS PRACTICE IS MARCH 1 TO APRIL 30.

ADDRESS CHART

LOT #	STREET ADDRESS
191	STONEHOUSE DR MIN. C. ELEV. 429.70



SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT (1 WEEK)
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN. (2 DAYS)
- CLEAR AND GRUB SITE. (4 DAYS)
- EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE. (1 WEEK)
- CONSTRUCT DWELLING (60 DAYS PER DWELLING)
- FINISH GRADE SITE, INSTALL DRIVEWAYS. (2 DAYS)
- INSTALL PERMANENT SEEDING (2 DAYS)
- REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED. (2 DAYS)

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1080 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: 595-18-F-17-42, WF-97-02 AND WF-95-74.
- BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS, AND CARTER, INC. ON OR ABOUT OCTOBER, 1993.
- TOPOGRAPHY SHOWN HEREON IS FROM MASS GRADING PLAN (SDP-97-22) FOR DANIELS MILL OVERLOOK APPROVED ON OR ABOUT AUGUST 28, 1996.
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS: HOWARD COUNTY MONUMENT 176A N 18160.5724 (METERS) E 413772.7547 (METERS) E 120994.0448 (METERS) E 413227.8979 (METERS)
- 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-71-42 AND / OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-5960-D.
- CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
- STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-97-42
- SITE ANALYSIS:

A. TOTAL PROJECT AREA	0.98 AC.
B. AREA OF PLAN SUBMISSION	0.28 AC.
C. LIMIT OF DISTURBED AREA	0.28 AC.
D. PRESENT ZONING	R-ED
E. PROPOSED USE FOR SITE AND STRUCTURES	SINGLE FAMILY DETACHED
- GARAGES SHALL BE USED FOR PARKING PURPOSES ONLY IN ACCORDANCE WITH SECTION 133D.2 OF ZONING REGULATIONS.
- FOR STANDARDS AND SPECIFICATIONS FOR TOP SOIL, SEE DETAIL ON G21-1 OF 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

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) _____ Date 3/5/97

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 in 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 3/5/97

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Cathy Hamilton 3/6/97
Division Chief, Land Development
Michael J. ... 3/22/97
Chief, Development Engineering Division
... .. 3/26/97
Director

OWNER/DEVELOPER
RYLAND HOMES
GALLERIA TOWERS
1447 YORK ROAD, SUITE 705
LUTHERVILLE, MARYLAND 21093

SUBDIVISION
DANIELS MILL OVERLOOK

SECTION/AREA
2/3

LOT NO.
131

TAX MAP No: 17

PARCEL: 41

SECOND ELECTION DISTRICT: HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN

DATE: FEBRUARY 20, 1997

SHEET 1 OF 1

SDP-97-104