

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROL MEASURES: SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE.
3. EXCAVATE HOUSE FOUNDATIONS.
4. POUR FOOTINGS & COMPLETE FOUNDATION WALLS.
5. RUGH GRADE SITE & TEMPORARILY STABILIZE.
6. CONSTRUCT HOUSE.
7. FINE GRADE & PERMANENTLY STABILIZE.
8. REMOVE SEDIMENT CONTROL MEASURES WITH THE PERMISSION OF SEDIMENT CONTROL INSPECTOR.

GENERAL 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. (902-2537)
- 2) All excavation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1989 NATIONAL STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 72 hours for all perimeter embankments, control structures, dikes, perimeter slopes and all slopes greater than 3:1. It shall be for all other disturbed or graded areas on the project site.
- 4) All sediment control structures shall be installed within the time period specified above in accordance with the 1989 NATIONAL STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 11) and (Sec. 12), temporary seedings (Sec. 10) and mulching (Sec. 12). Temporary stabilization with mulch shall not be used unless recommended seeding rates do not allow for proper germination and establishment of grasses.
- 5) 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.
- 6) Site Analysis:
 - Total Area of Site: 1.00 Acres
 - Area Disturbed: 0.25 Acres
 - Area to be seeded or paved: 0.75 Acres
 - Area to be vegetatively stabilized: 0.75 Acres
 - Total Soil: 0.75 Acres
 - Off-site water/borrow area location: 2.50 Acres
- 7) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 8) Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 9) 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. After building or grading inspection approvals may not be authorized until this final approval by the Inspection agency is made.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seeding Preparation: Loosen upper three inches of soil by raking, dicing 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 from August 15 thru November 15, seed with 25 lbs/acre per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 7 lbs per acre of weeping lovegrass (2.0 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool at 210 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 1989 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and method not covered.



SCHEMATIC ELEVATION

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, dicing or other acceptable means before seeding.

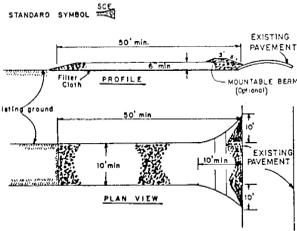
Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs 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. Narrow 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 80 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 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 well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 40 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

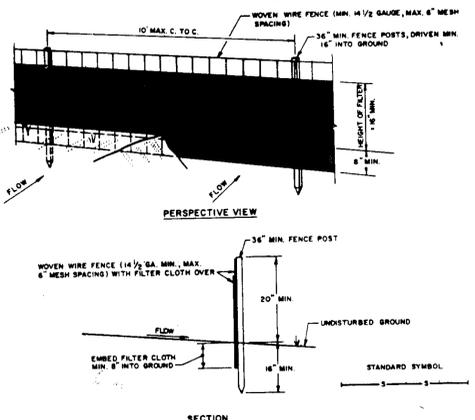
Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool at 210 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.



STANDARD SYMBOL

STABILIZED CONSTRUCTION ENTRANCE
(SOIL CONSERVATION SERVICE STD. DETAIL S.C.F. 1 - N.T.S.)



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. 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, 14 GA. OR 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFIL, LOW, STABILINKA TILKON OR APPROVED EQUAL

PREFABRICATED UNIT: GEOPAB, ENVIRONMENT, OR APPROVED EQUAL

SILT FENCE

(SOIL CONSERVATION SERVICE STD. DETAIL S.C.F. 1) NOT TO SCALE

APPROVED: *[Signature]* 3-14-86
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: *[Signature]* 3-26-87
PLANNING DIRECTOR
[Signature] 5-26-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: *[Signature]* 3-21-86
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
[Signature] 3-20-86
U.S. SOIL CONSERVATION DISTRICT
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
[Signature] 3-21-86
HOWARD SOIL CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATE
I 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 ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.
[Signature] 3/5/86
DEVELOPER: *[Signature]* 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] 3/5/86
ENGINEER: ROSARIO DI MARCO, P.E. DATE

TITLE SITE DEVELOPMENT PLAN & STD. DETAILS

PROJECT: FRANCIIPAUL RESIDENCE, 10136 OLD FREDERICK RD., LOT 3

LOCATION: 2ND ELECTION DISTRICT, TAX MAP 17, HOWARD COUNTY, MD.
DATE: MAR. 5, 86 SCALE: 1" = 30' DESIGN BY: RDM DRAWN BY: RDM CHECKED BY: RDM DRAWING NO.: 1 OF 1 JOB NO.: 8610 P

RDM ENGINEERING, INC.
11416 OLD FREDERICK ROAD
MARRIOTTVILLE, MARYLAND 21104
TEL. (301) 442-1250

SUBDIVISION NAME		SECT TAKE		LOT/PARCEL	
FRANCIIPAUL PROPERTY		17		3	
PLAT	BOOK	PAGE	TAX MAP	ELIG. DIST.	CFMS TAG
6645	7	2-0	17	2	6021
WATER CODE		SEWER/STORM			
1-H05		7-1582200			

ADDRESS CURB	
LOT NO	STREET ADDRESS
3	10136 OLD FREDERICK ROAD

OWNER & DEVELOPER

ROSARIO DI MARCO
11416 OLD FREDERICK RD
MARRIOTTVILLE, MD. 21104
TEL. 442-1250