### PERMANENT SEEDING NOTES

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

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:

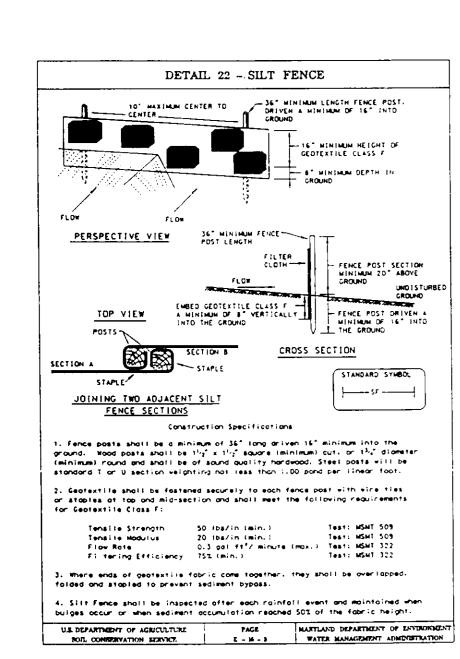
1) Preferred-Apply 2 tons per acre dolomitic limestone (92 lbs.) 100 sq.ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs., 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq.ft.)

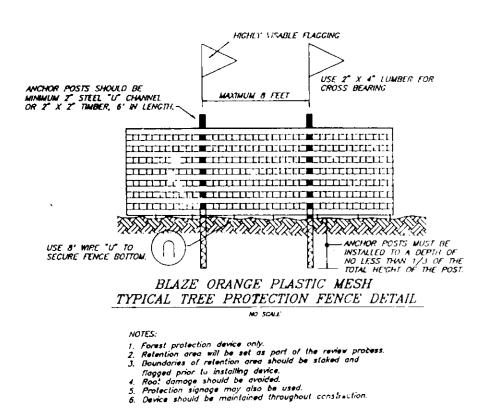
2) Acceptable-Apply 2 tons per acre dolomatic limestone (92 lbs/ 1000 sq.ft.) and apply 1000 lbs. per acre 10-10-10- fertilizer (23 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.

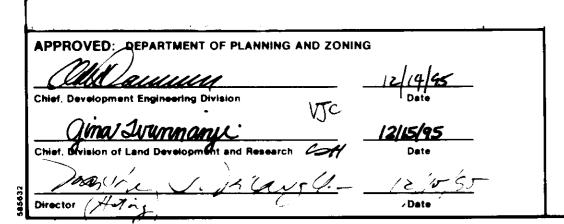
SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs/1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 sq.ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs, acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored

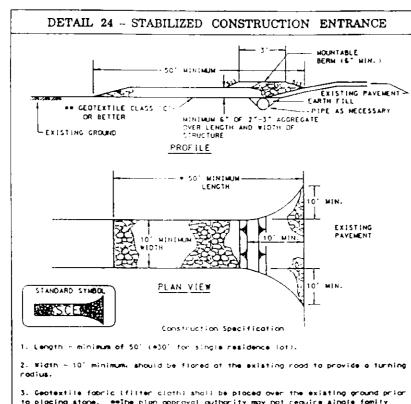
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

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







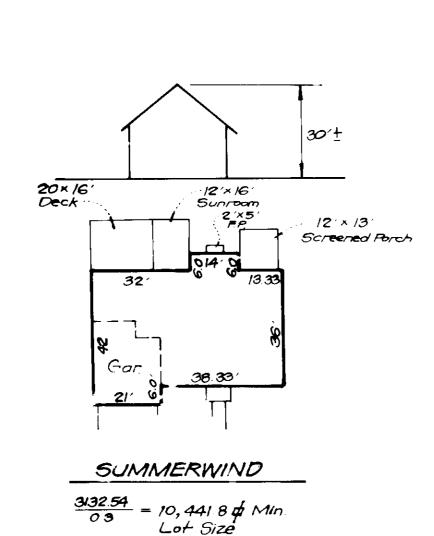


3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. GeThe plan approval authority may not require single family.

4. Stone — crushed aggregate (2° to 3°) or reclaimed or recycled concrete equivalent shall be placed at least 6° deep over the length and width of the

entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slapes and a minimum of 6" of stane over the pipe. Pipe has to be sized according to the arginage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance. U.S. DEPARTMENT OF ACRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT SOIL, CONSERVATION SERVICE F - 27 - 3 WATER MANAGEMENT ADMINISTRATION



# WATCHWOOD

# TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sa.ft).

SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs./1000 sq.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq.ft.). For the period November 1 thru 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 sod.

MULCHING: Apply 1 1/2 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 218 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 (8 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

Existino

House

# LEGEND

Contour interval 2 F T Existing Contour \_\_\_\_ 4/0 -Proposed Contour +105 Spot Elevation Direction of Drainage Walk out Basement Trees to be Soved

Minimum Cellar Elevation MCE Silt Fence — SF — SF —

Stabilized Construction



# SEDIMENT AND EROSION CONTROL NOTES

A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (313-1855).

2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECS. 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 stuctures, dikes, perimeter slopes and all slopes greater than 3:1 b) 14 days as to all other disturbed or graded areas on the

All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol.1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm

5. All disturbed areas must be stabilized within the time period specified above, in accordance with the 1983 MARYLAND STAND-ARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51), sod (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.

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.

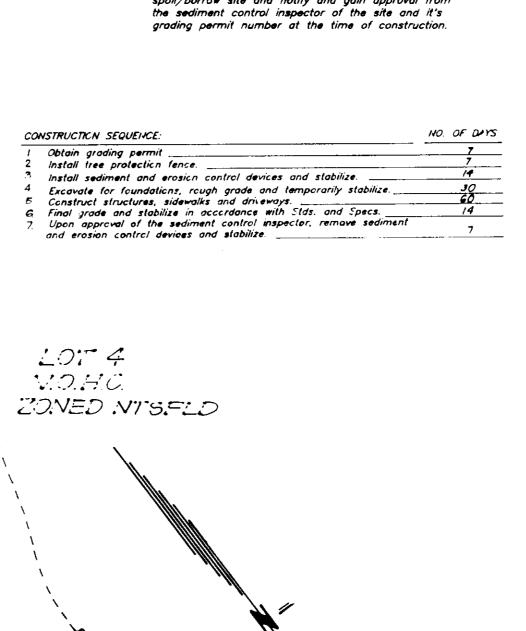
7. SITE ANALYSIS: Total Area of Site: Area Disturbed: Area to be roofed or paved:
Area to be vegetatively stabilized:

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. Additional sediment control must be provided, if deemed neces-sary by the Howard County DPW 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 o 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

\* It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from

11. The total amount of silt fence = 265 LF



16,984 di

MCE 4460

238

SUMMERWIND

FF 425.50

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

# DEVELOPER'S BUILDER'S CERTIFICATE

STREET TREES PER F-90-06

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved raining 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 or their authorized agents, as are deemed

11-30-95

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance

ENGINEER'S CERTIFICATE

with the requirements of the Howard Soil Conservation

VICINITY MAP  $S_{ca/e}: I'' = 2000'$ 

## GENERAL NOTES:

1. Subject property is zoned: NTSFLD Comprehensive Zoning Plan.

per 10-18-93

2. The total area included in this submission is : 16,984 5F

The total area of buildable lots: 20.5051 Acres 3. The total number of lots included in this submission is: 1

The total number of buildable lots in this project is: 48 4. Improvement to property : Single Family Residential Unit

5. The maximum lot coverage permitted is: 30%

6. Department of Planning and Zoning reference file numbers are: 5-88-01, P-89-45, F-90-06, WP 89-14

7. Utilities shown as existing are taken from approved Water and Sewer plans Contract # 34-3009-D , approved Road Construction plans F-90-06, and actual field survey.

8. Any damage to county owned rights-of-way shall be corrected at the developer's expense.

9. All roadways are public and existing.

10. The existing topography was field-run by Clark, Finefrock and Sackett, Inc. on 11-25-05.

11. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2739002 and 2739005

12. The contractor shall notify the Department of Public Works/ Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours prior to the start of work. 13. The contractor shall notify "Miss Utility" at 1-800-257-7777

at least 48 hours prior to any excavation work.

14. For driveway entrance details, refer to Ho. Co. Design manual Volume IV Std. Detail R-6.05

15. In accordance with FDP Phase 204-A bay windows or chimneys not more than 10 feet in width may project not more than 4 feet into any setbacks; porches and decks may project not more than 3 feet into the front or rear setbacks.

16. Stormwater Management requirements have been waived per Department of Public Works Action Dated Sept. 6, 1988.

Sewer House Connection elevation shown is located of the property line.

# SPECIAL NOTES:

This plan is for house siting and lot grading only. Improvements shown within the rights—of—way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-90-06 and/or approved Water and Sewer Plans Contract # 34-3009-0.

OWNER / DEVELOPER

HOWARD RESEARCH AND DEVELOPMENT CORP. 10275 Little Patuxent Parkway Columbia, Maryland 21044

# STREET ADDRESS

LOT Nº 25

5128 WATCHWOOD PATH

SUBDIMSION NAME COLUMBIA VILLAGE OF HARPERS CHOICE				SECTION/AREA 7/5		LOTS/PARCELS 25	
PLAT NO. <b>93/7</b>	BLOCK NO.	ZONE		X MAP NO. <b>29</b>		TION DIST.	CENSUS TRACT
WATER CODE I-03			3	SEWER CODE 6740000			

