HOWARD SOIL CONSERVATION DISTRICT

STANDARD SEDIMENT CONTROL NOTES

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, land clearing.

2) The Sediment and Erosion Control Plan shall be implemented according to the provisions of this plan and may be in accordance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.

3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.

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

5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. For permanent seeding (Sec. 51), and (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 proper germination and establishment of grasses.

6) 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	0.40	Acres
Area Disturbed	0.40	Acres
Area to be roofed or paved	0.04	Acres
Area to be vegetatively stabilized	0.36	Acres
Total Cut	0.0	Cu. Yds.
Total Fill	0.0	Cu. Yds.
Offsite waste/borrow area location	N/A	

8) Any sediment control provision which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

9) Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

10) On all sites with disturbed areas in excess of 1 acre, 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. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

11) Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within any working day, whichever is shorter.

HOWARD SOIL CONSERVATION DISTRICT

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, disking or other acceptable means before seeding, if not previously loosened.

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

1) Regular — Apply 2 tons per acre dolomitic Limestone (92 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk 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) Acid-Soils — 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. Harrow or disk into upper three inches of soil.

Seeding — For the periods March 1 thru April 30, and August 1 thru October 15, seed with 68 lbs per acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 68 lbs of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq. ft.) of unhulled bermudagrass. 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) - Sod and. Option (3) - Seed with 68 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 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 seeding areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

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

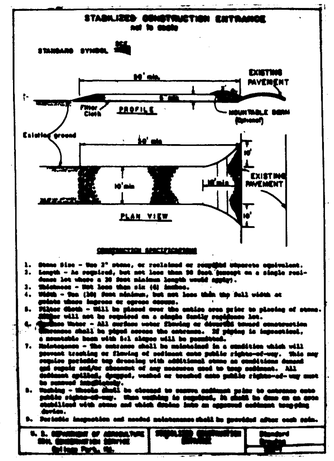
Seedbed Preparation: — Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

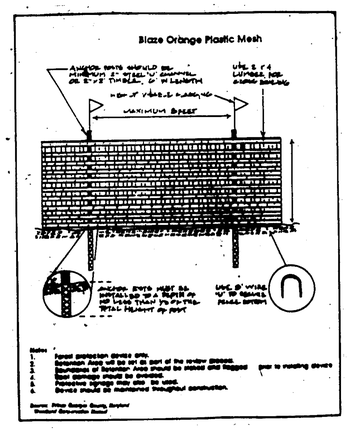
Soil Amendments: — Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

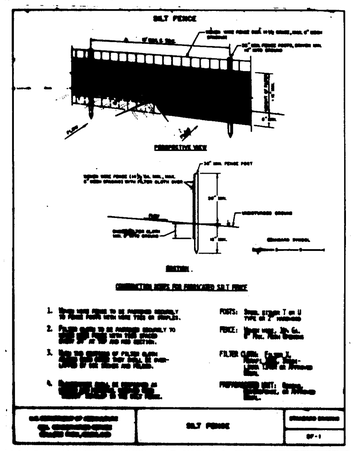
Seeding: — For periods March 1 thru April 30 and from August 15 thru October 15, seed with 3-1/2 bushels per acre of cereal rye (3.2 lbs/1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of sampling bermudagrass (.07 lbs/1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or sod such.

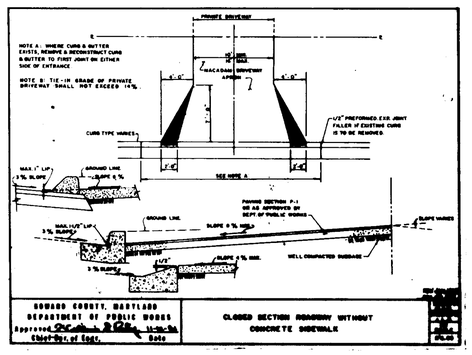
Mulching: — Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher,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

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional notes and methods not covered.





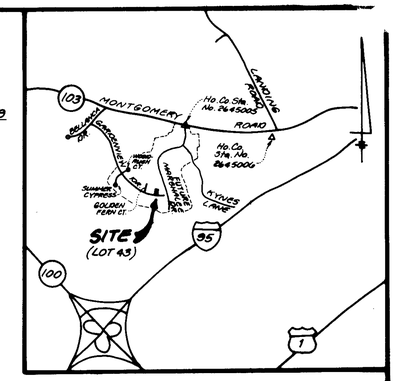




BENCHMARKS:

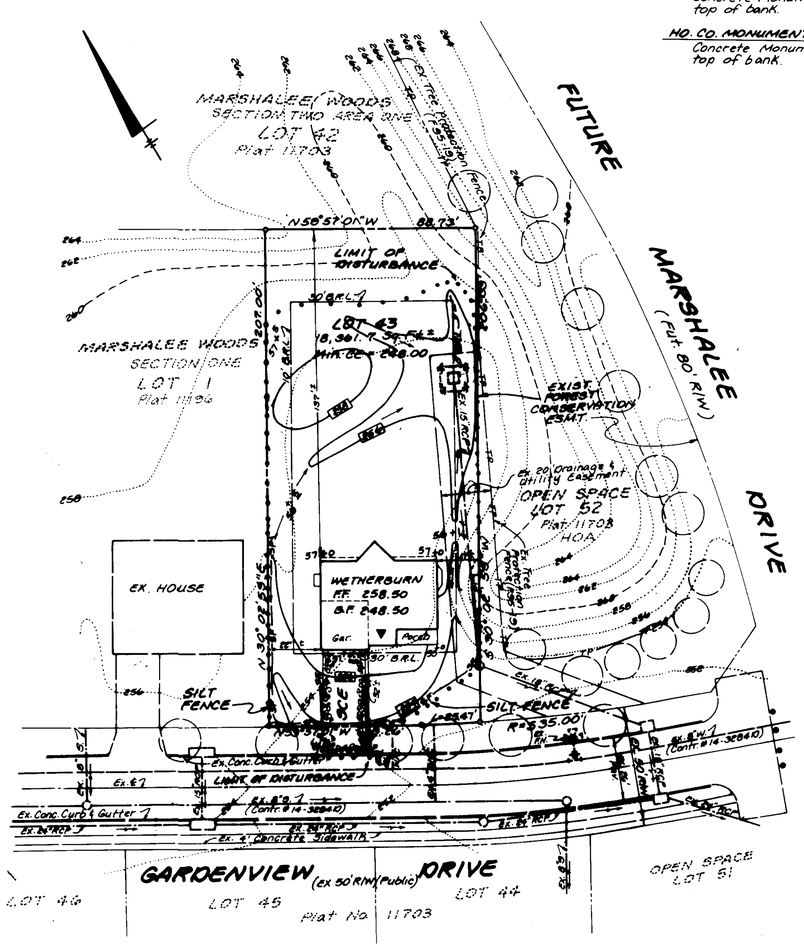
HO. CO. MONUMENT # 2645005 EL. 291.929
Concrete Monument 0.3' below surface at top of bank.

HO. CO. MONUMENT # 2645006 EL. N/A
Concrete Monument 0.2' below surface at top of bank.



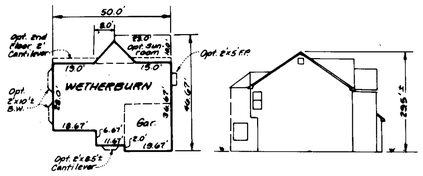
VICINITY MAP

Scale: 1" = 2,000'



LEGEND

- 260 — Existing Ground
- 260 — Proposed Grade
- Existing Water
- Existing Sewer
- SCE — Stabilized Construction Entrance
- Limit of Disturbance
- SF — SF Silt Fence
- Drainage Flow
- TP — TP Tree Protection Fence (Existing)
- Designates Street Trees (as approved by F85-19)
- ▲ Front Orientation of Dwelling Unit



NOTES

1. Site Analysis:
   a. Total area of lots: 0.4015 Ac. ± or 18,361.7 SF ±
   b. Present zoning: R-20 (Residential: Single)
   c. Proposed use of structures: Residential single family detached dwellings
   d. Total number of units allowed: 1
   e. Total number of units provided: 1
   f. Number of parking spaces required: 2.0/p.u. or 2 x 1 p.u. = 2
   g. Number of parking spaces provided:
      1. Regular - 2 (2 car garages/unit)
      2. Handicapped: N/A
   h. Open space (green area to remain on site): 16,826.7 SF± or 0.38 Ac.± (91%)
   i. Building coverage of site: 1,735 SF± or 0.0398 Ac.± (9%)
2. Minimum building setbacks (typical):
   a. Front: 30 feet
   b. Rear: 30 feet
   c. Side: 10 feet (corner lot: 20 feet)
3. All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction, Volume IV
4. The Contractor shall notify the Department of Public Works, Construction Inspection Division at (410) 313-1880 at least five (5) days prior to the start of any work.
5. The Contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work.
6. Any damage to existing public right-of-ways, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the Contractor's expense.
7. The existing utilities shown hereon are located from construction drawings of record and Water and Sewer Contract No. 14-3294-D. The approximate location of existing utilities are shown for Contractor's information and convenience. The Contractor shall locate existing utilities to be certain no satisfactory conflict in advance of any construction activities. Additionally, the Contractor shall take all necessary precautions to protect all existing utilities and maintain uninterrupted service.
8. Topography shown is taken from a field-run survey dated July, 1989 by Land Design Engineering, Inc. Two foot contour intervals are shown.
9. Horizontal and vertical datums shown are related to the Maryland State Plane Coordinate System as projected from Howard County Control Station No. 2645005 and No. 2645006.
10. Stormwater management for this site is provided by F85-19.
11. The existing grades shown reflect the post-graded condition as approved by F89-19
12. The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code Forest Conservation Act. No clearing, grading or construction is permitted within the forest conservation easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.

STATE OF MARYLAND — BRUCE DAVID BURTON — No. 19384 — REGISTERED PROFESSIONAL ENGINEER
Bruce D. Burton 6/8/95

DEVELOPER
GRAYSON HOMES INC
5203 Channel Drive, Suite K, Ellicott City, Maryland 21043

ADDRESS CHART	
LOT No.	STREET ADDRESS
43	7407 Gardenview Drive

REVISIONS		
No.	DATE	DESCRIPTION

ENGINEER'S CERTIFICATE

"I hereby 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"

STATE OF MARYLAND — BRUCE DAVID BURTON — No. 19384 — REGISTERED PROFESSIONAL ENGINEER

Bruce D. Burton 6/8/95
Signature of Engineer Date

DEVELOPER'S CERTIFICATE

"I/We certify that all development and/or construction will be done according to these plans, 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 or their authorized agents, as are deemed necessary.

Signature of Developer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.

Patricia Engle 6/12/95
Natural Resources Conservation Service Date

This development is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED:

John K. Robinson 6/12/95
Howard Soil Conservation District Date

APPROVED: Department of Public Works for Public Water, Public Sewerage, Storm Drainage Systems and Roads.

Director, Public Works 6/16/95 Date

Chief, Bureau of Engineering 6/13/95 Date

APPROVED: Department of Planning and Zoning.

Planning Director (Acting) 6/16/95 Date

Chief, Division of Land Development and Land Development Research 6/16/95 Date

Property of:			Section/Area		Lot No.
MARSHALEE WOODS			TWO/ONE		43
Plat No.	Block No.	Zone	Tax/Zone	El. Dist.	Census Tract
11703	11	R-20	37	1st	6011.01
Water Code: 004			Sewer Code: 2153000		

LDE, INC.
8635 Columbia 100 Parkway, Unit N, Columbia, MD 21045
(410) 715-1070 • (301) 596-3424 • (410) 715-0881 (fax)

Designed: KBW
Drawn: KBW
Checked: BDB
Date: May, 1995

SITE DEVELOPMENT and SEDIMENT AND EROSION CONTROL PLAN

MARSHALEE WOODS

SECTION TWO AREA ONE
LOT 43
Tax Map No. 37 Parcel No. 593 & 656
1st Election District Howard County, MD.
Previous Submittals: 586-66, 589-19, P94-07, F85-19, F89-19

OWNER
MARSHALEE WOODS LIMITED PARTNERSHIP
8635-P Columbia 100 Parkway
Columbia, MD 21045 Phone: (410) 730-0810

Scale: As Shown
Drawing: 1 of 1
Job No.: 95-085
File No.:

SDP 95-113