

HOWARD COUNTY 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, (890-3453).
- 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 most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL PROTECTION AND SEDIMENT CONTROL", any revisions thereto.
- 3) Following initial soil disturbance or redistribution, 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 PROTECTION 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: 0.4381 Acres
Area Disturbed: 0.2321 Acres
Area to be roofed or paved: 0.10 Acres
Area to be vegetatively stabilized: 0.2321 Acres
Total CV: 170 Co. Yrs.
Off-site waste/borrow area location: Contractor to provide on-site balance
- 8) Any sediment control practice 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 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment control, but before proceeding with any other earth disturbance or grading. 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 one working day, whichever is shorter.

HOWARD COUNTY 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.

Soil 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) Fertilizer: Apply 2 tons per acre dolomitic limestone (20 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Irrigate or disk into upper three inches of soil. At time of seeding apply 400 lbs per acre 33-0-0 urea fertilizer (9 lbs/1000 sq. ft.)
2) Seeding: Apply 2 tons per acre dolomitic limestone (20 lbs/1000 sq. ft.) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Irrigate 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 60 lbs per acre (1.4 lbs/1000 sq. ft.) of 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, percent sowing: Option (1) - 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) - 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

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. Irrigate immediately after application using mulch anchoring tool or 210 gal per acre (9 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 300 gal per acre (9 gal/1000 sq. ft.) for anchoring.

Maintenance: Inspect all seeding areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

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

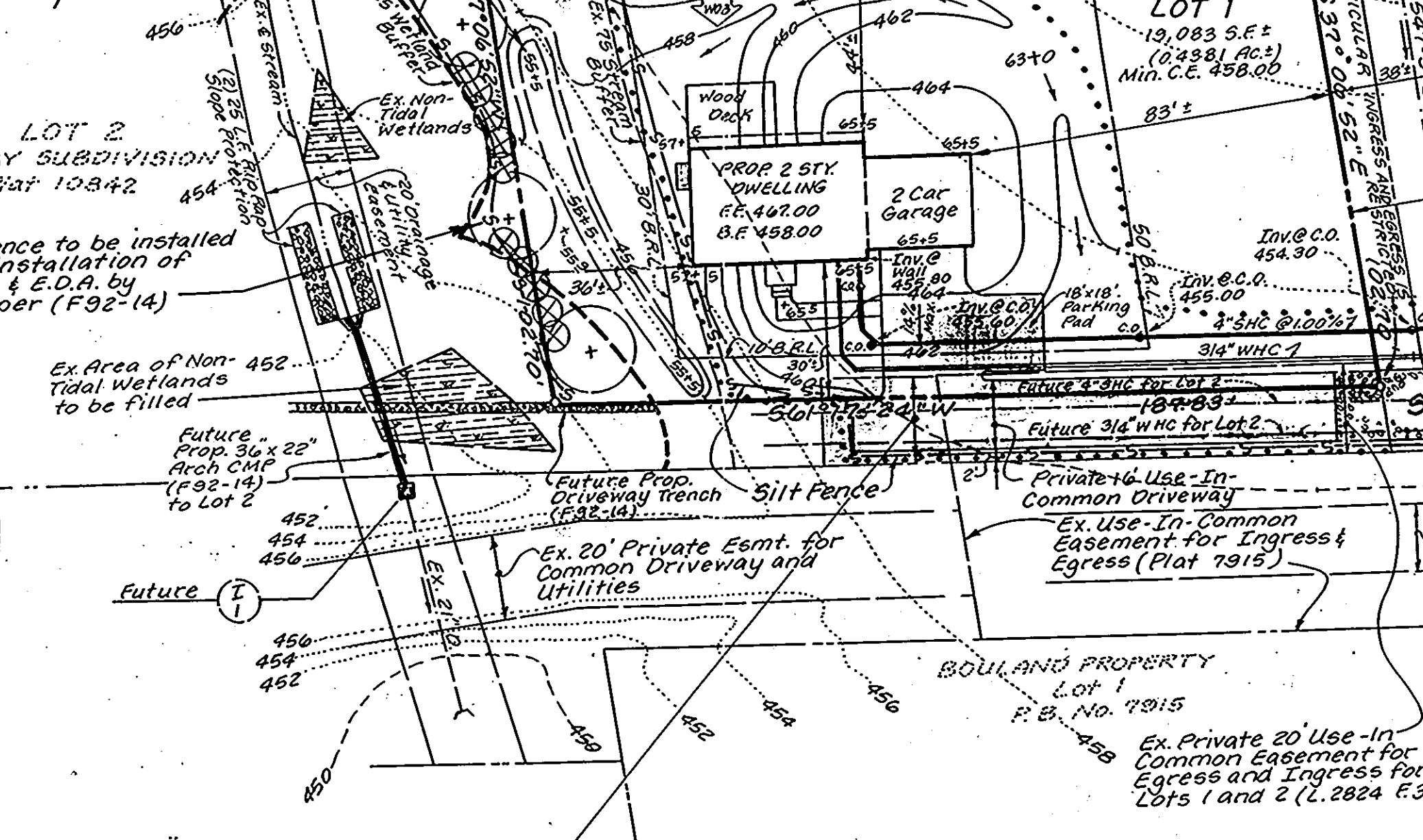
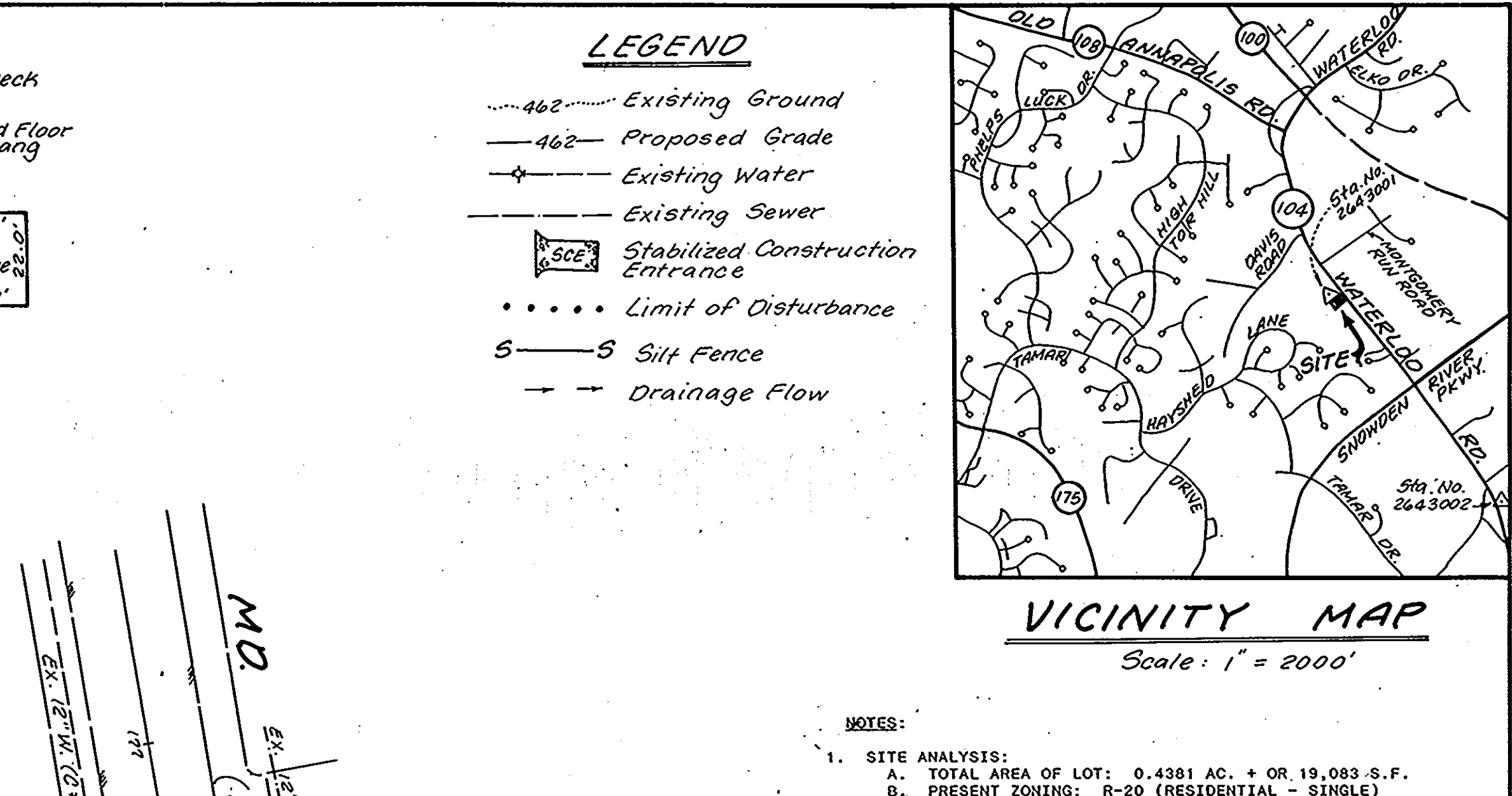
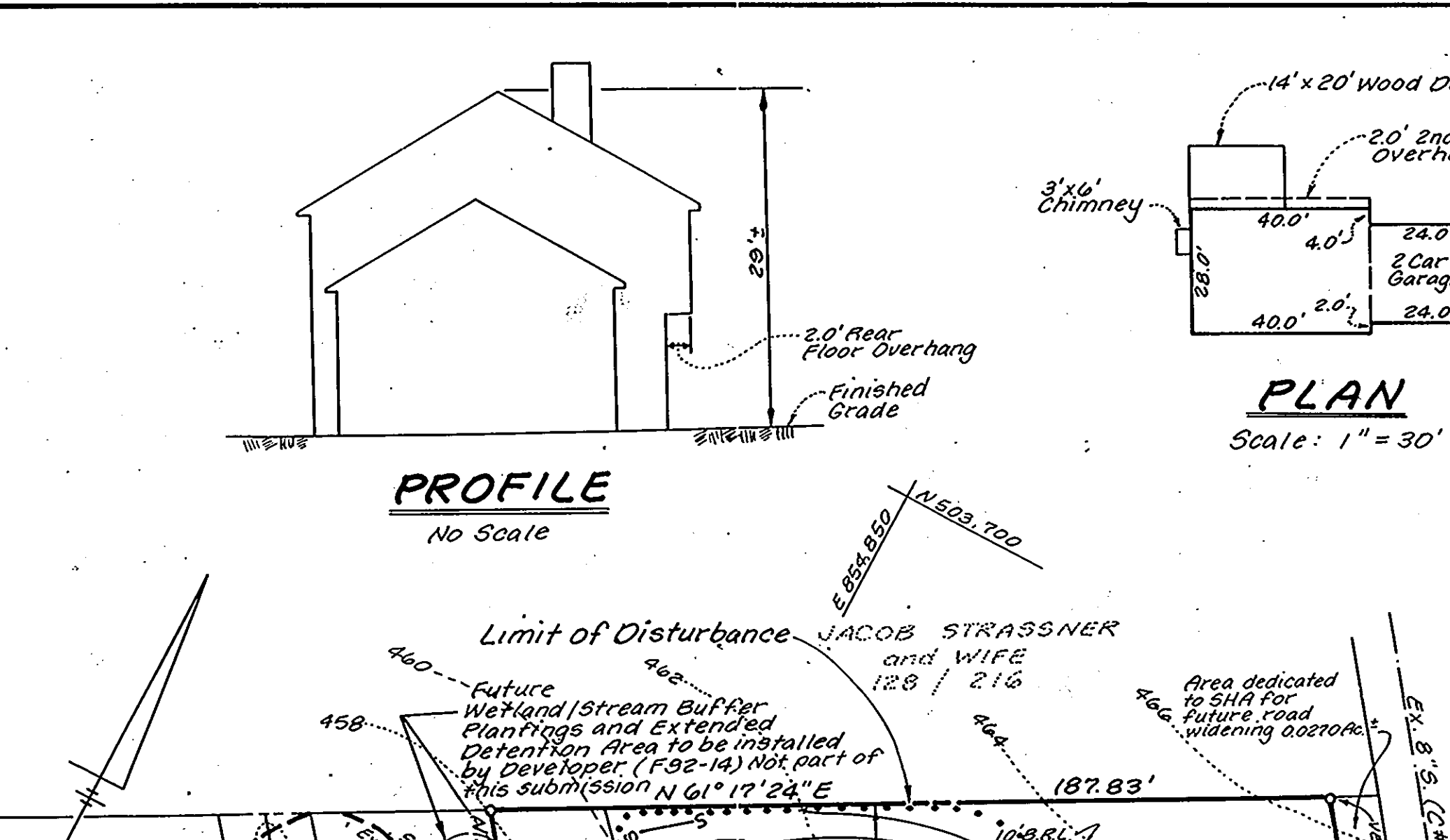
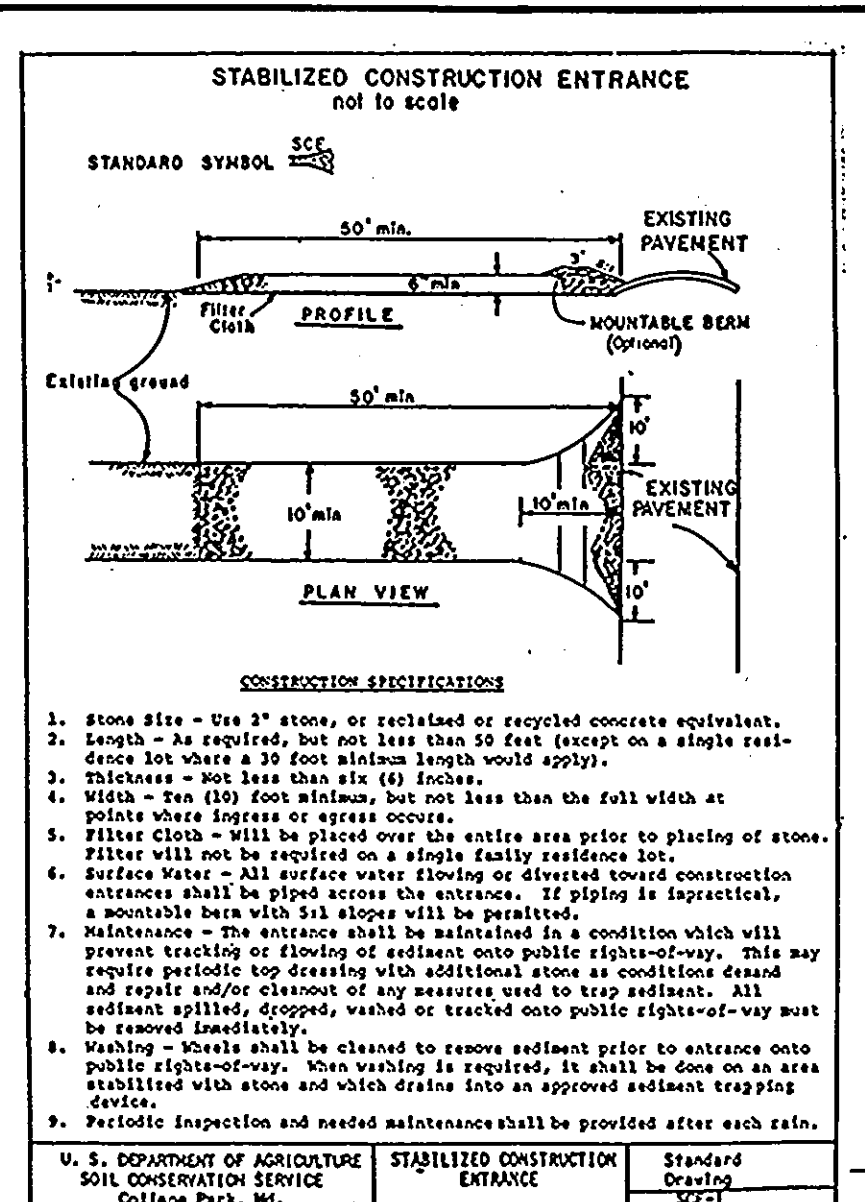
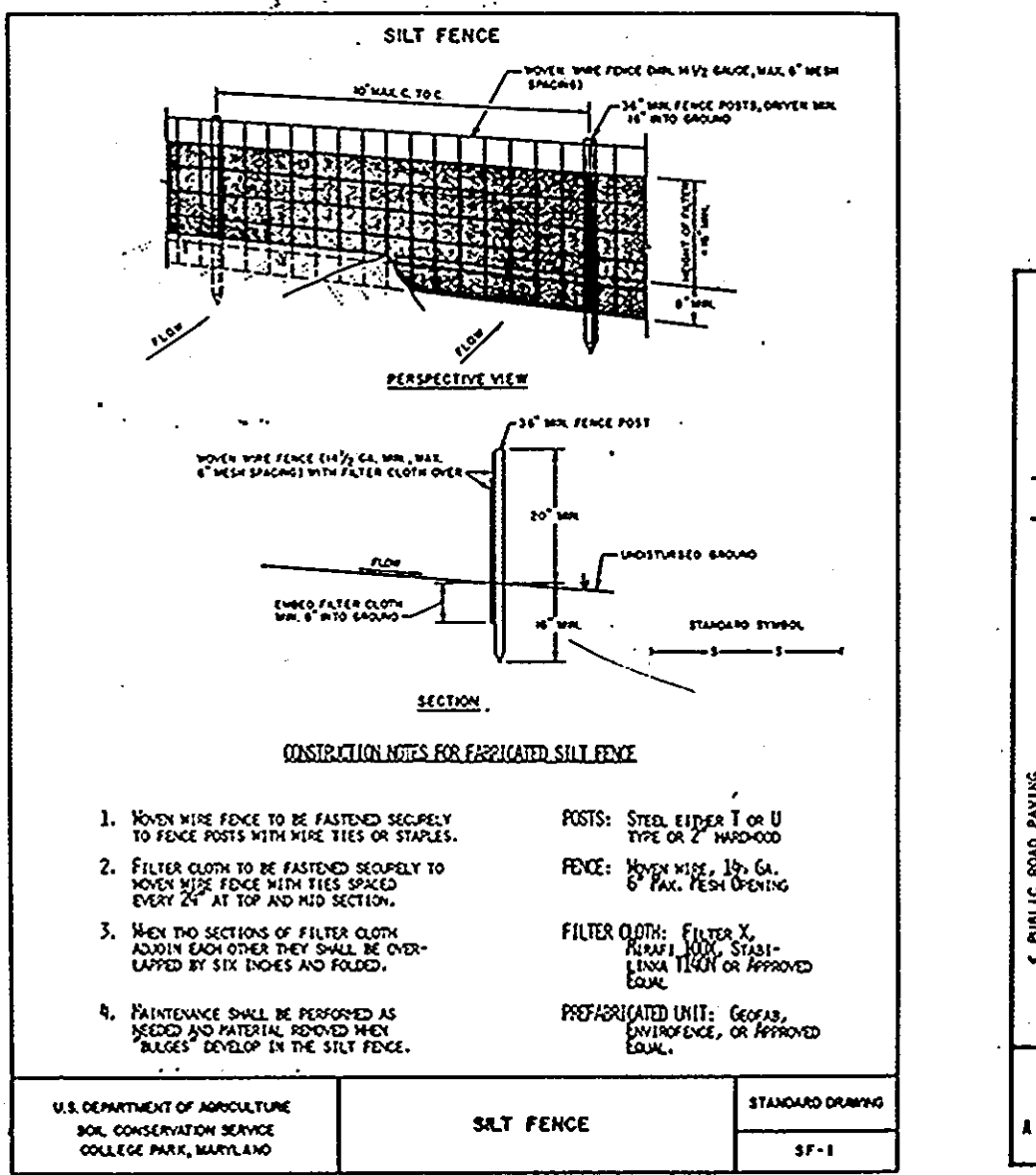
Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 2-1/2 tons per acre of annual ryegrass (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 15 thru February 28, percent sowing: Option (1) - 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted wood from small grain straw immediately after seeding. Irrigate immediately after application using mulch anchoring tool or 210 gal per acre (9 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 300 gal per acre (9 gal/1000 sq. ft.) for anchoring.

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



LEGEND

- 462 Existing Ground
- 462 Proposed Grade
- Existing Water
- Existing Sewer
- Stabilized Construction Entrance
- Limit of Disturbance
- Silt Fence
- Drainage Flow

PLANT LIST

QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT
3	<i>Acer Rubrum</i>	Red Maple	1-1/2" Cal	B&B
10	<i>Cornus stolonifera</i>	Red Osier	18-24"	Cont.

NOTE: Landscaping to be completed under F92-14 by Developer (NGH Enterprises, Inc.) (Not part of this submission)

OWNERS
THOMAS and LINDA GRAY
8554 Beacon Point Drive
Pasadena, Maryland 21082
Phone: (410) 255-9091

DEVELOPERS (LOT 1 ONLY)
KEVIN and DIANE BIELAT
1402 Vista Road Apt. #109A
Laurel, Maryland 20708
Phone: (301) 776-6644

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 requirements of the Howard Soil Conservation District."

Signature of Engineer: DRUCE D. BURTON 5/31/94
Date: 5/31/94

DEVELOPER'S CERTIFICATE

"I 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: Kevin Buelat 4/15/94
Date: 4/15/94

Approved: Department of Public Works for Public Water, Public Sewer, Storm Drainage Systems and Roads.

Signature: James M. ... 6/10/94
Date: 6/10/94

Approved: Howard County Health Department for public water and public Sewerage systems.

Signature: ... 6/9/94
Date: 6/9/94

Approved: Department of Planning and Zoning.

Signature: ... 6/10/94
Date: 6/10/94

Approved: Division of Community Planning and Land Development.

Signature: ... 10/10/94
Date: 10/10/94

REVISIONS

No.	Date	Description

Subdivision Name: GRAY SUBDIVISION
Section/Area: ...
Parcel No.: PLO 616 Lot No. 1
Flat #: 10842
Block #: 1
Zone: R-20
Tax/Zone: 37
Ed. Dist.: 6th
Census Tract: 6066.02
Water Code: ...
Sewer Code: ...

LAND DESIGN ENGINEERING, INC.

8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
(410) 715-1070 (Ballo.) (301) 596-3424 (Wash.) (410) 715-0681 (Fax)

Designed: BOB
Drawn: HBW
Checked: BOB
Date: April 1994

Scale: 1" = 30'
Drawing: 10/1
Job No.: 94-115
File No.: ...

Tax Map 37 PLO Parcel 616
6th Election District; Howard County, Maryland
Previous Submittals: WP90-108, WP92-201, F92-14