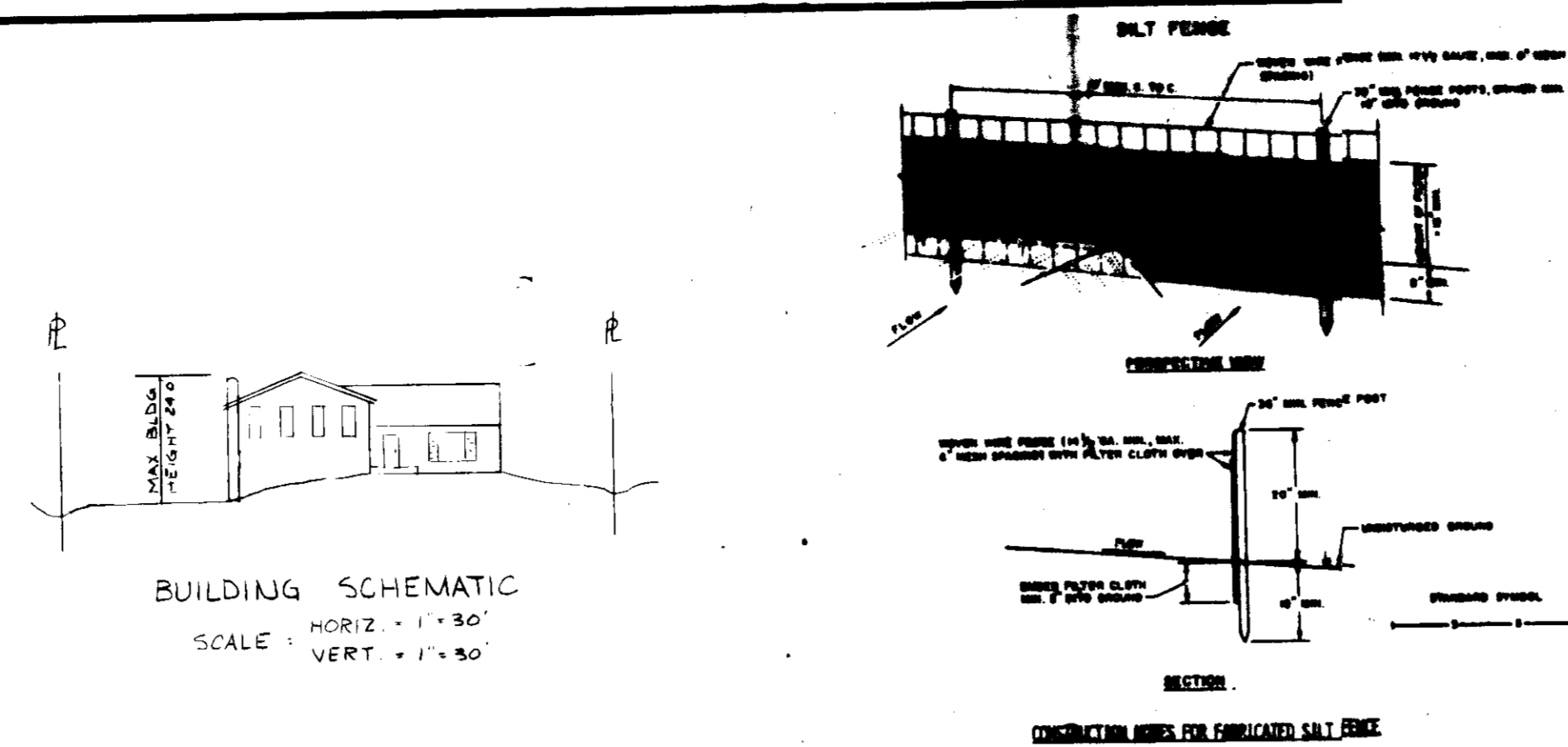


ER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] DATE: 12-26-85
 Chief, Bureau of Engineering: [Signature] DATE: 12-26-85
 Approved: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 Joseph A. Boyd, M.D., Director DATE: 12-22-85
 Approved: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 Planning Director: [Signature] DATE: 12-31-85
 Chief, Division of Land Development and Zoning Administration: [Signature] DATE: 12-31-85



BUILDING SCHEMATIC
 SCALE: HORIZ. 1" = 30'
 VERT. 1" = 50'

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
1. WHEN WIRE FENCE IS TO BE PARTIALLY SECURED TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FENCE CLOSURE IS TO BE PARTIALLY SECURED TO WIRE TIES WITH THE FENCE.
 3. WHEN NO SECTION OF 1/2" FILTER CLOTH IS TO BE USED, THE FENCE SHALL BE COMPLETED BY SIX INCHES AND PILES.
 4. MAINTENANCE SHALL BE PERFORMED AS REQUIRED AND MATERIAL SUPPLIED AS NECESSARY TO DEVELOP IN THE SILT FENCE.

- SEDIMENT CONTROL NOTES
1. A plan of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (900-3457)
 2. All vegetative and structural procedures are to be installed according to the provisions of this plan and are to be in accordance with the 1982 Maryland Standards and Specifications for Soil Erosion and Sediment Control.
 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 1:1, b) 14 days for all other disturbed or graded areas on the project site.
 4. All sediment control structures shall be formed and setting signs posted according to the permit in accordance with Volume 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 1982 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Permanent Seedings (Sec. 51) and (Sec. 54), Temporary Seeding (Sec. 50) and Mulching (Sec. 52). Temporary stabilization with mulch alone may only be done when recommended seeding rates 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: 0.433 Acres
 Area Disturbed: 0.277 Acres
 Area to be seeded or paved: 0.277 Acres
 Area to be vegetatively stabilized: 0.267 Acres
 Regal Co. Co., Inc.
 Total Fill: 100 Cu. Yds.
 Off-site earth/borrow area location: NONE
 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 controls 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 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.

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 Instructions: Loosen upper three inches of soil by raking, discing or other appropriate means before seeding.

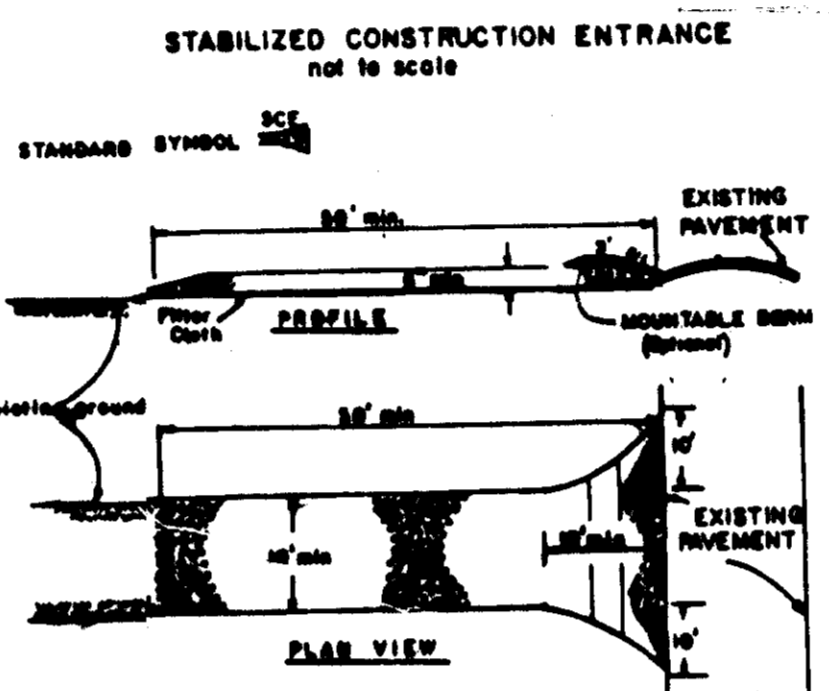
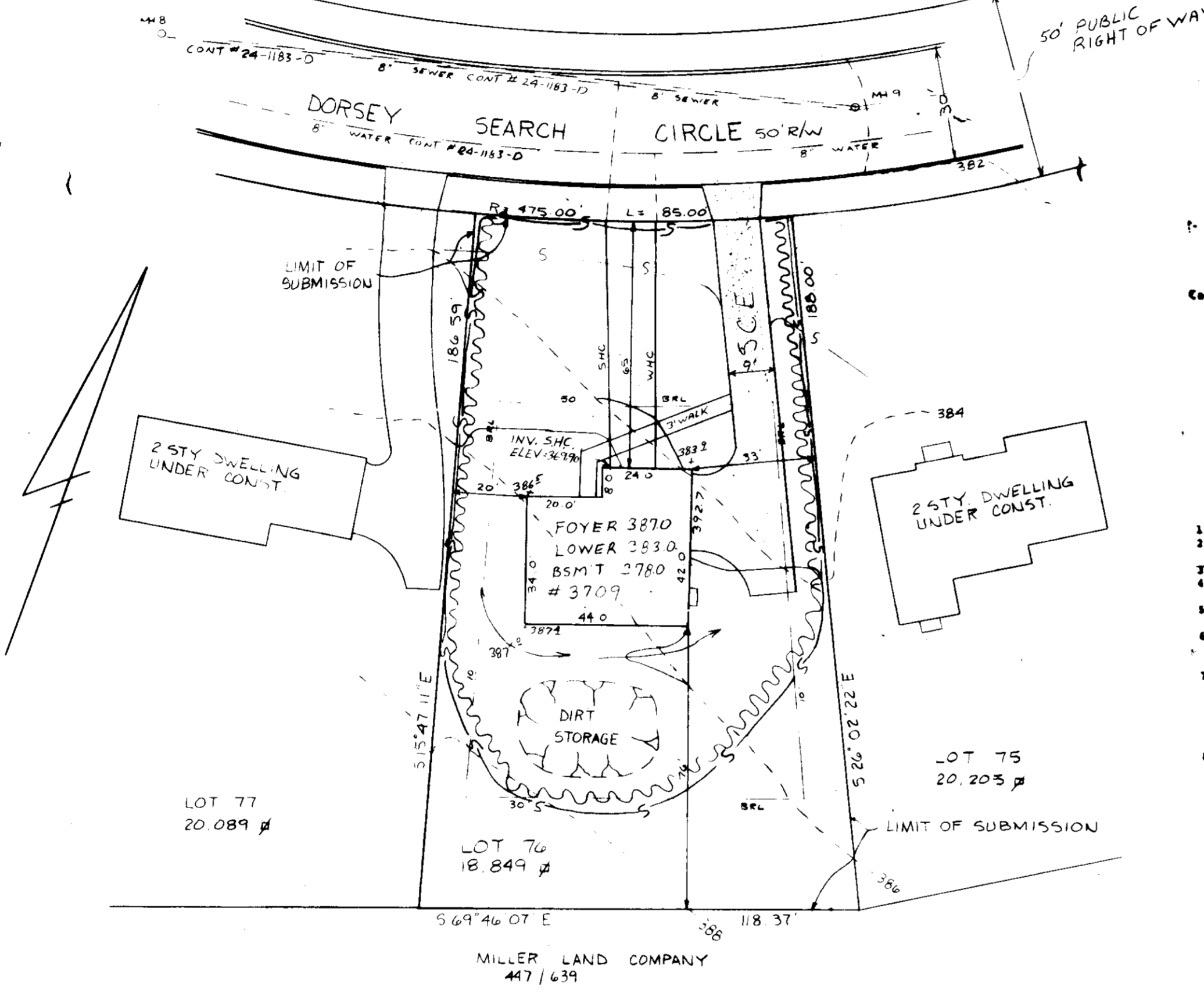
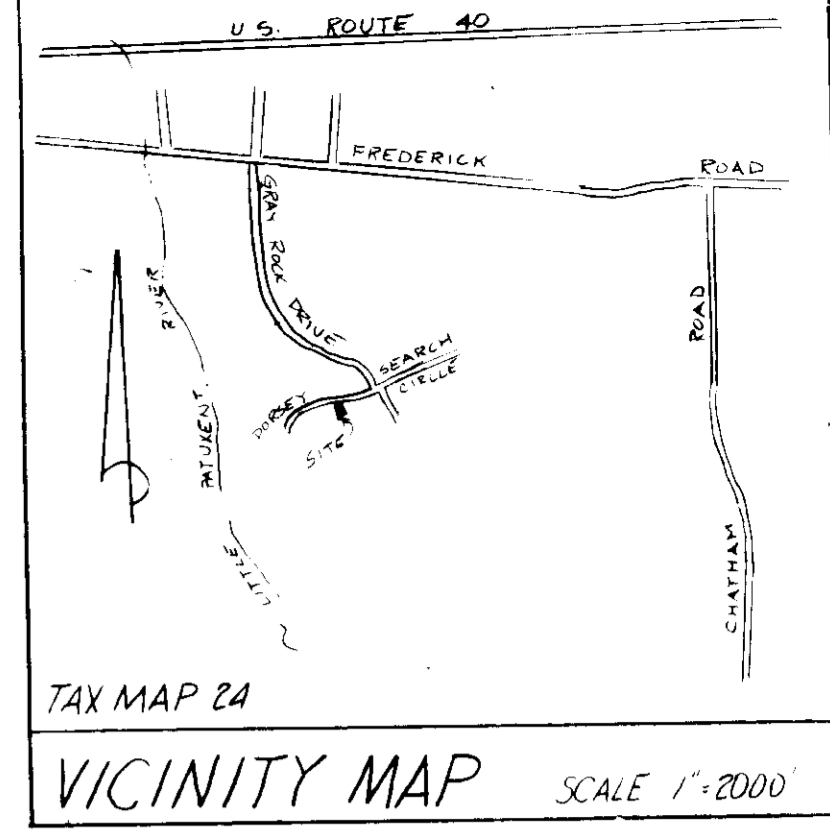
Soil Amendments: In lieu of soil test recommendations, use one of the following amendments:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (82 lbs/1000 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.
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (82 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (22 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 40 lbs per acre (1.1 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 80 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 seed. Option (3) Seed with 50 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 well grade straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of conditioned asphalt on flat areas. On slopes 8 feet or higher, use 248 gallons per acre (6 gal/1000 sq ft) for anchoring.

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



- STABILIZED CONSTRUCTION ENTRANCE
1. Stone Size - Use 2" stone, or equivalent in recycled concrete equivalent.
 2. Length - as required, but not less than 50 feet (except on a single residential lot where a 20 foot minimum length would apply).
 3. Thickness - not less than six (6) inches.
 4. Width - top (18) feet minimum, but not less than the full width at points where ingress or egress occurs.
 5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will be required on a single family residence lot.
 6. Surface Slope - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is inoperative, a removable berm with 1:1 slopes will be permitted.
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or placement of any materials used to trap sediment. All sediment spilled, dumped, washed or tracked onto public right-of-way must be removed immediately.
 8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-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.
 9. Periodic inspection and needed maintenance shall be provided after each rain.

SUBDIVISION		SECT.		LOT #	
GRAY ROCK		2		76	
PLAT #	BLOCK #	ZONE	TAX MAP	ELEC. DIST.	FEDBUS TR.
5879	9	R-20	24	2nd.	6023101
WATER CODE		SEWER CODE			
F-07					
LOT NUMBER		ADDRESS CHANGE		STREET ADDRESS	
76		379Q		Dorsey Search Circle	

LEGEND

EXISTING CONTOUR (2' interval)	---
PROPOSED CONTOUR (2' interval)	---
SPOT ELEVATION	92.1
DRAINAGE FLOW	→
DIVERSION DIKE	— — —
DRAINAGE AREA DECLINATION	~
DISTURBED AREA	~~~~~

- GENERAL NOTES
- 1) PROPERTY ZONED R-20
 - 2) TAX MAP 24 PARCEL 132
 - 3) TOTAL AREA OF SUBMISSION: 0.433 AC
 - 4) SEWER & WATER CONTRACT NO. 24-1183-D

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 12-2-85
 [Signature]

Reviewed for HOWARD S.C.D. Name: [Signature] and meets Technical Requirements.
 U.S. Soil Conservation Service Date: 12-18-85
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 [Signature] Date: [Signature] Date: 11-6-85

"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 Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project."
 Signature of Developer: [Signature] Date: [Signature] Date: 11-6-85

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: [Signature] Date: 11/5/85



PREPARED BY
 NTT ASSOCIATES INC.
 16205 OLD FREDERICK RD.
 MT AIRY MD 21771
 Phone: 442 2031

OWNER & DEVELOPER
 JOSEPH WILDER
 3430 SIRCH HOLLOW RD.
 BALTIMORE MD 21206
 Phone: 486-1233 & 461-2522

SITE DEVELOPMENT PLAN AND SEDIMENT CONTROL PLAN
 LOT 76
 GRAY ROCK FARMS SECTION II
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1" = 30' DATE 11/01/85
 sh. 1 of 1
 SDP-86-111