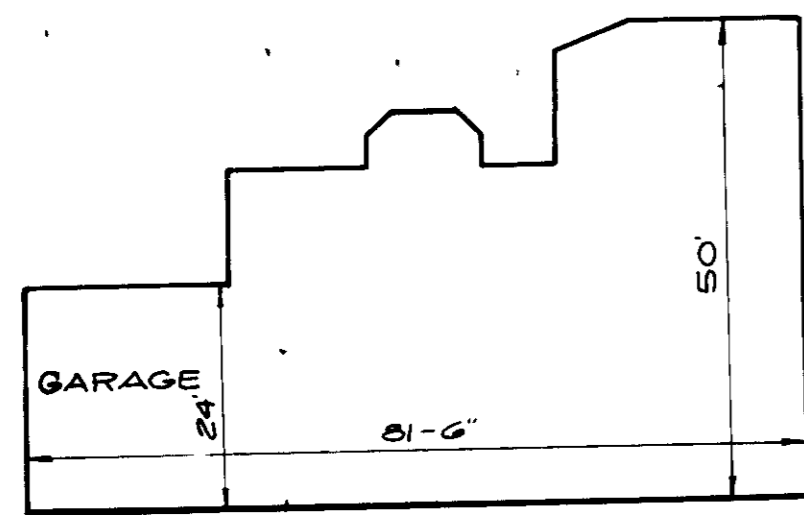
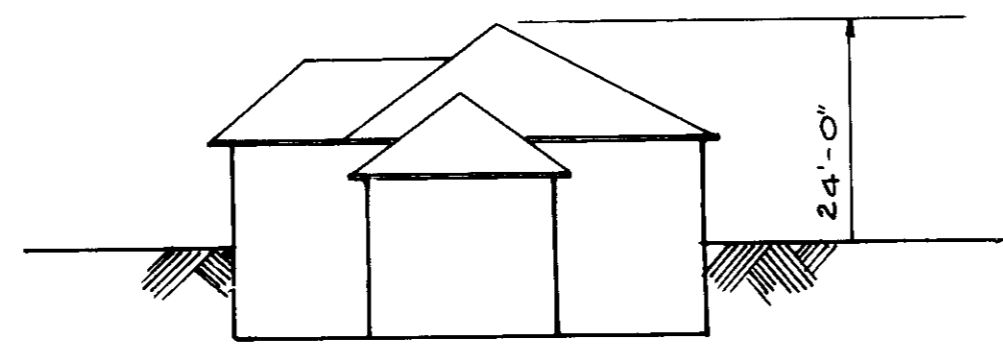


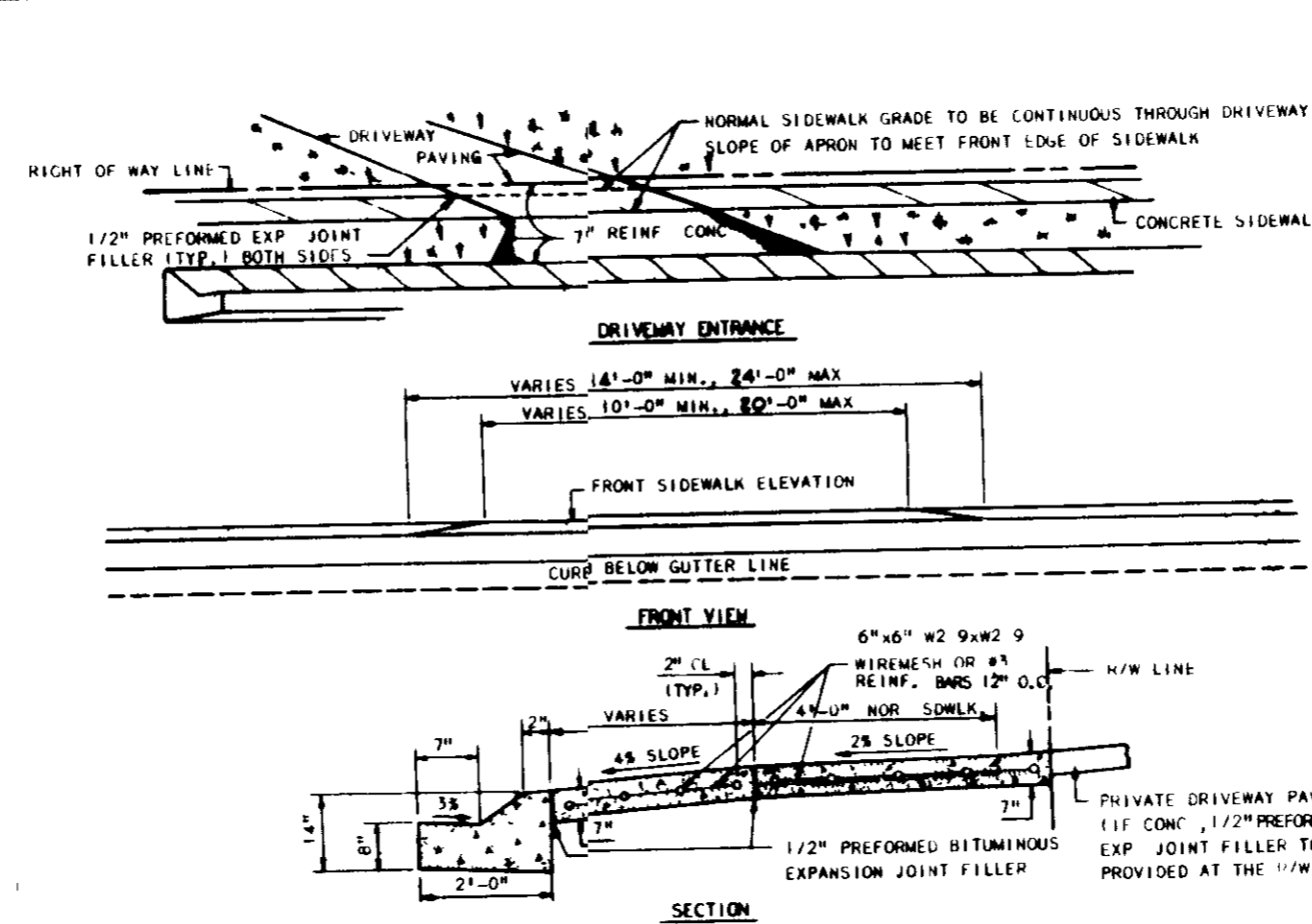
SEDIMENT CONTROL PLAN
SCALE 1"=30'



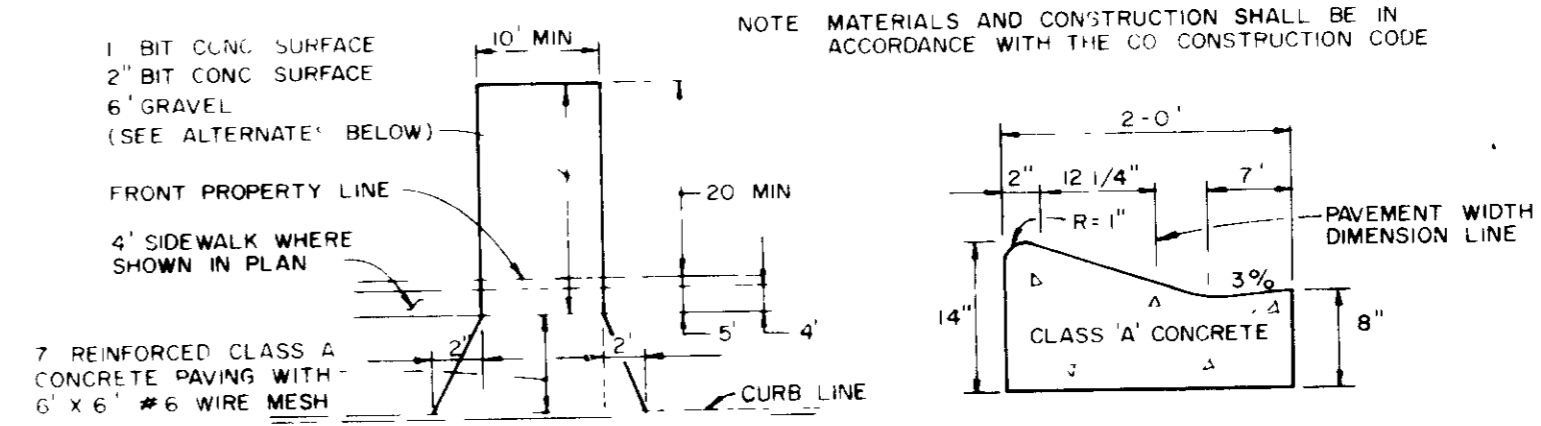
PLAN
N.T.S.



TYPICAL
ELEVATION
NOT TO SCALE



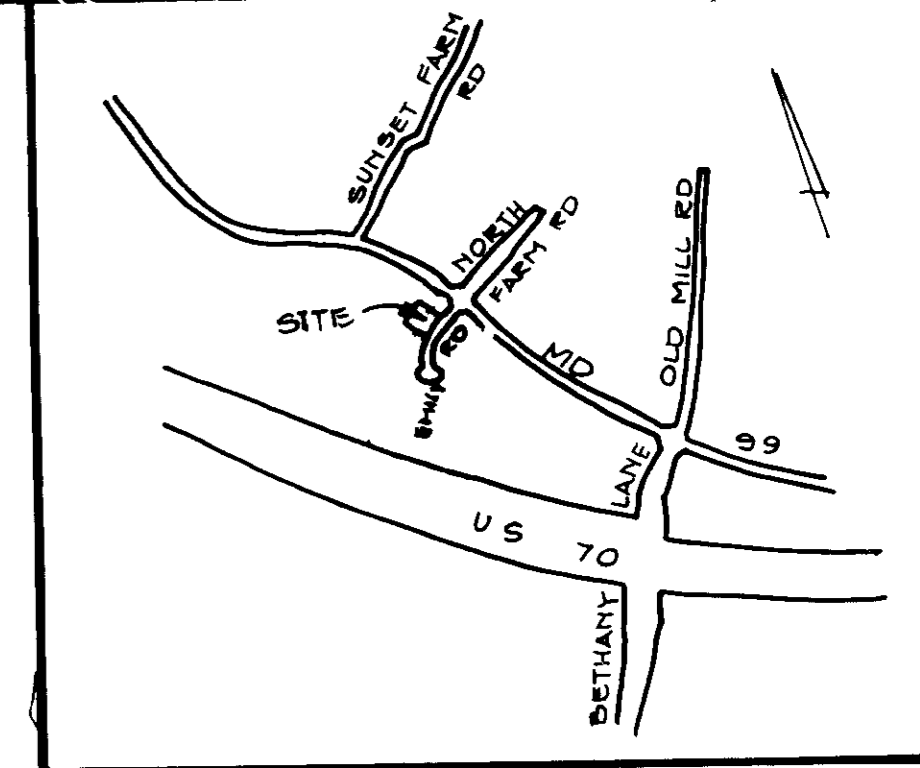
HOWARD COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS Approved: [Signature] & [Signature] Chief/Bar at Edge Date	RESIDENTIAL DRIVEWAY ENTRANCE CLOSED SECTION WITH MODIFIED COMBINATION CURB AND GUTTER AND SIDEWALK	DESIGN BY CHECKED BY NO SCALE R 8 03
---	---	---



DRIVEWAY ABUTTING, MOD. COMB. CURB & GUTTER

ALTERNATE # 1
1" BIT CONC SURFACE
4" BIT CONC BASE

ALTERNATE # 2
1 1/2" BIT CONC SURFACE
3" BIT CONC BASE
3" GRAVEL



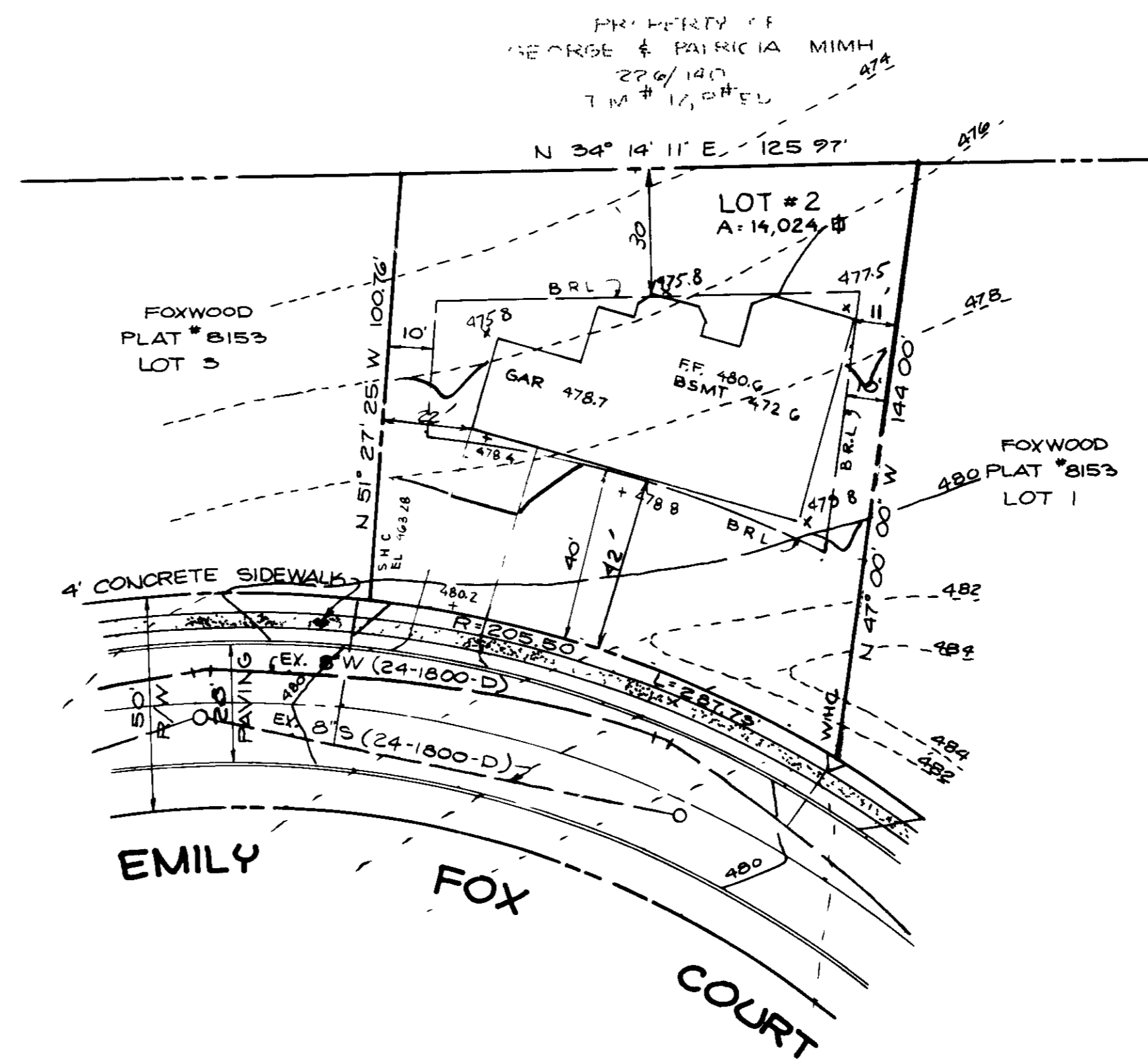
VICINITY MAP
SCALE 1"=1200'

GENERAL NOTES:

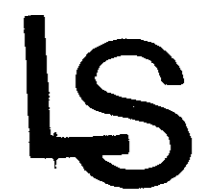
- The land included is zoned: R-20
- Coordinates are based upon traverse controls established for Howard County, and which controls were tied to the Maryland State coordinate system.
- All roads are public and existing.
- Any damage to county owned right of way to be corrected at the owners expense.
- Total area included: 0.52 Acres
- Total number of lots: 1
- The contractor or developer shall contact Howard County Construction/ Inspection Division, 24 hours in advance of commencement of work at 792-7272.
- SEE F-88-252, P. 68-41, S-88-07

LEGEND

- | | |
|-------------------------------------|---------------|
| 1- Contour interval | EVER TWO FEET |
| 2- Existing contour | ----- |
| 3- Proposed contour | ----- |
| 4- Spot elevation | x 480" |
| 5- Direction of drainage | → |
| 6- Silt fence | S S |
| 7- Stabilized construction entrance | [Symbol] |
| 8- Bike | → |



PLAN
SCALE 1"=30'



LORIA, SEDGHI & ASSOCIATES, LTD.

Engineers • Site Planners • Surveyors
2817 Corporate Court
Baltimore City, MD 21208
(410) 799-8888

APPROVED
[Signature]
DIRECTOR, PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND

11-17-88



ADDRESS CHART

LOT NO.	STREET ADDRESS
2	10024 EMILY FOX COURT

APPROVED OFFICE OF PLANNING AND ZONING
[Signature] 12/21/88
PLANNING DIRECTOR DATE

[Signature] 12-21-88
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT
FOR PUBLIC WATER AND SEWERAGE SYSTEMS
[Signature] 12-8-88
HEALTH OFFICER DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
[Signature] 12-6-88
DIRECTOR, PUBLIC WORKS DATE

CHIEF, BUREAU OF ENGINEERING
[Signature] 12-6-88
DATE

SUBDIVISION NAME	SECTION/AREA	T. NO.
FOXWOOD		2
PLAT NO.	BLOCK NO.	ZONE
8153	8	R-20
TAX/ZONE	ELEC DIST	CENSUS TR
17	2ND	6021
WATER CODE	SEWER CODE	
H 03	5758200	

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
[Signature] 11-29-88
SOIL CONSERVATION SERVICE DATE

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

APPROVED
[Signature] 11-29-88
DISTRICT HOWARD SOIL CONSERVATION DISTRICT DATE

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 SOILS CONSERVATION DISTRICT

[Signature] 11-21-88
SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE
"I/WE 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 ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY"

[Signature] 11/21/88
SIGNATURE OF DEVELOPER DATE

SITE DEVELOPMENT PLAN
GRADING & SEDIMENT CONTROL
FOXWOOD SUBDIVISION
LOT 2

2ND ELECTION DISTRICT PARCEL 2
HOWARD COUNTY, MARYLAND
SCALE: 1"=30' TAX MAP # 11
DATE: NOV. 18, 1988 SHEET 1 OF 2

OWNER: FRESKO CORP
C/O LINDA AMABILE
5352 SMOOTH MEADOW WAY
COLUMBIA, MARYLAND 21043

STANDARD AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION WITH SOD

SPECIFICATIONS

- Class of turfgrass sod shall be Maryland or Virginia State Certified, or Maryland or Virginia State approved sod.
 - Sod shall be machine cut to a uniform soil thickness of 3/4 inch, plus or minus 1/4 inch, at the time of cutting. Measurement for thickness shall exclude top growth and thatch.
 - Standard size sections of sod shall be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the section.
 - Individual pieces of sod shall be cut to the suppliers width and length. Maximum allowable deviation from standard widths and lengths shall be 5 percent. Broken pads and torn or uneven ends will not be acceptable.
 - Sod shall not be harvested or transplanted when moisture content (excessively dry or wet) may adversely affect its survival.
 - Sod shall be harvested, delivered and installed within a period of 36 hours. Sod not transplanted within this period shall be inspected and approved prior to its installation.
- I. Site Preparation**
- Fertilizer and lime application rates shall be determined by soil tests. Under unusual circumstances where there is insufficient time for a complete soil test, fertilizer and lime materials may be applied in amounts shown under B, below.

- A** Prior to sodding, the surface shall be cleared of all trash, debris, and of all roots, brush, wire, grade stakes and other objects that would interfere with planting, fertilizing or maintenance operations.
- B** Where the soil is acid or composed of heavy clays, ground limestone shall be spread at the rate of 2 tons/acre or 100 pounds per 1,000 square feet. In all soils 1,000 pounds per acre or 25 pounds per 1,000 square feet of 10-10-10 fertilizer or equivalent shall be uniformly applied and mixed into the top 3 inches of soil with the required lime.
- C** All areas receiving sod shall be uniformly fine graded. Hard-packed earth shall be scarified prior to placement of sod.

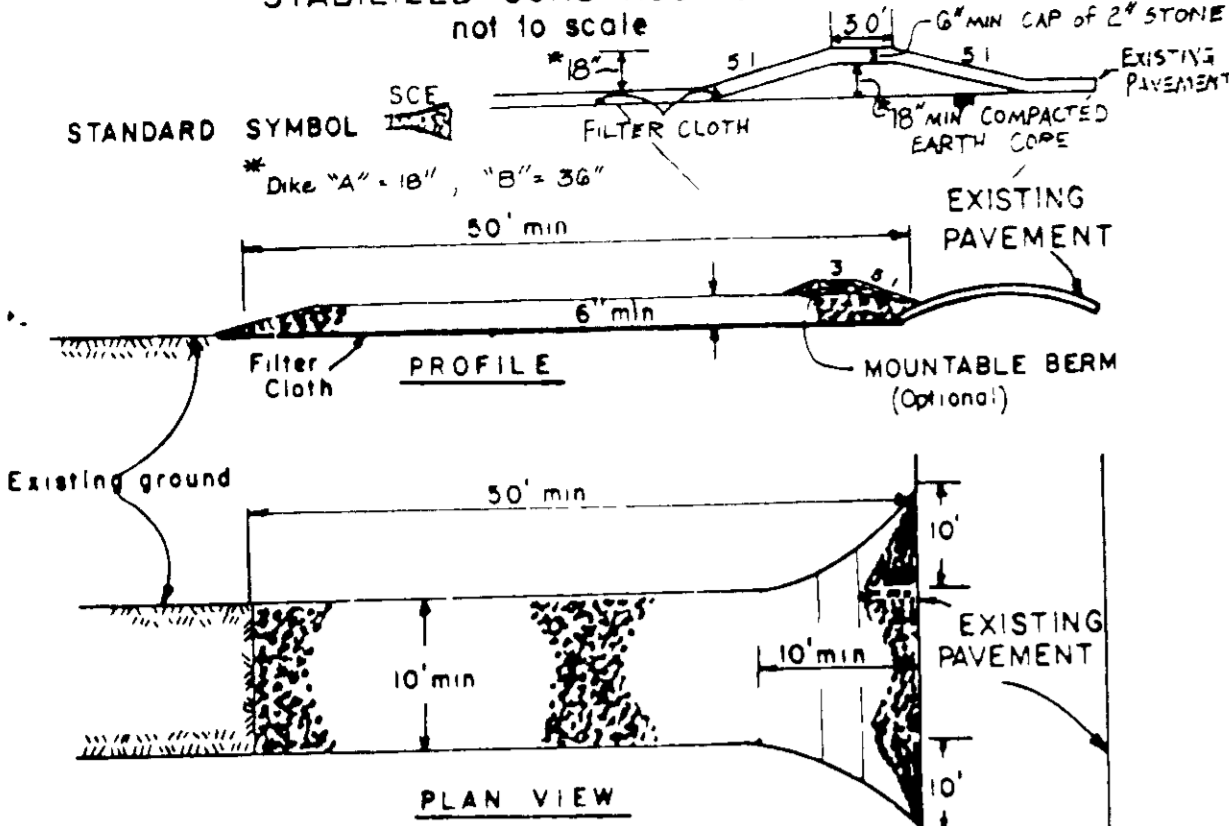
SEDIMENT CONTROL NOTES

- 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. (992-2437)
- 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 SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 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.
- 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.
- 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 seedings (Sec. 51) sod (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.
- 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.
- Site Analysis:
 Total Area of Site: 0.32 Acres
 Area Disturbed: 0.20 Acres
 Area to be roofed or paved: 0.08 Acres
 Area to be vegetatively stabilized: 0.12 Acres
 Total Cut: 100 Cu yds
 Total Fill: 100 Cu yds
 Offsite waste/borrow area location: N/A
- 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 necessary by the Howard County DPM sediment control inspector.
- 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.
- If houses are to be constructed on an "As-Built" basis, at random, Single lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below).
- The total amount of straw bale dikes/silt fence equals 240 L.F.

GENERAL NOTES

- Refer to "1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control" for standard details and detailed specifications of each practice specified herein.
 - With the approval of the sediment control inspector, minor field adjustments can and will be made to ensure the control of any sediment. Change in sediment control practices require prior approval of the sediment control inspector and the County Soil Conservation District.
 - At the end of each working day, all sediment control practices will be inspected and left in operational condition.
 - Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within a) seven calendar days as to the surface of all perimeter controls, dikes, slopes, ditches, perimeter slopes, and all slopes greater than 3:1 horizontal to 1 vertical (3:1) and b) fourteen days as to all other disturbed or graded areas on the project site.
 - Any change to the grading proposed on this plan requires re-submission to County Soil Conservation District for approval.
 - Dust control will be provided for all disturbed areas. Refer to 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control, pp 680 and 62.07 for acceptable methods and specifications for dust control.
 - Any variation from the sequence of operations stated on this plan requires the approval of the sediment control inspector and the County Soil Conservation District prior to the initiation of the change.
 - Excess cut or borrow material shall go to or come from, respectively, a site with an approved sediment control plan.
- The following item may be used as applicable:
- Refer to "Maryland's Guidelines to Waterway Construction" by the Water Resources Administration (WRA), dated January, 1986 for standard details and detailed specifications of each practice specified herein for waterway construction.

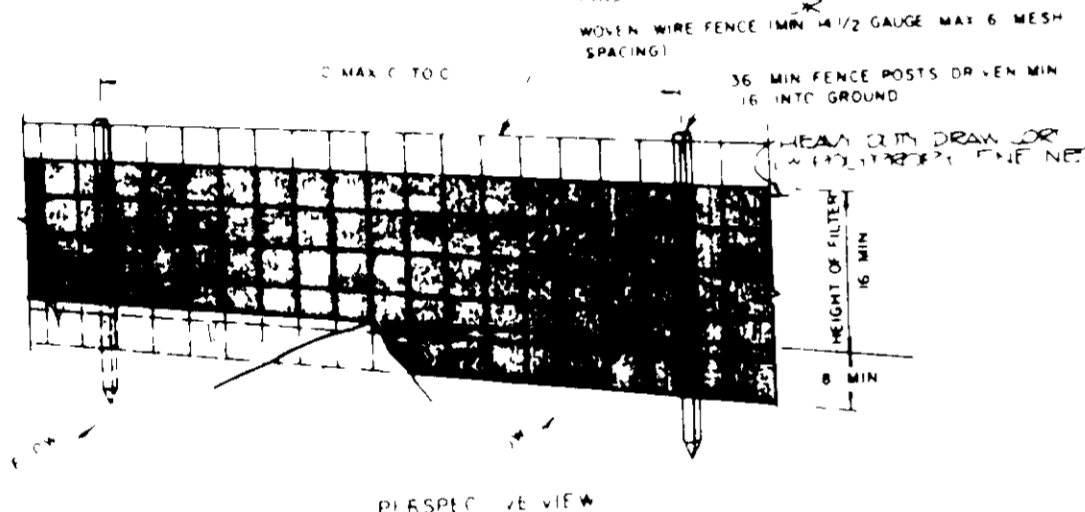
STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter cloth - will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-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.
- Periodic inspection and needed maintenance shall be provided after each rain event.

SILT FENCE



APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FUTURE DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED

Seeding Preparation - Loosen upper 3 inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments - IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES.

- Preferred - Apply 2 tons per acre of 0-10-10 limestone (92 lbs/1000 square ft) and 600 lbs per acre of 10-10-10 fertilizer (34 lbs/1000 sq ft) before seeding. Harrow or disk into soil to a true 1/2 inch of soil. At time of seeding, apply 400 lbs per acre of 10-10-10 ureaform fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre of 0-10-10 limestone (92 lbs/1000 sq ft) and 1000 lbs per acre of 10-10-10 fertilizer (34 lbs/1000 sq ft) before seeding. Harrow or disk into soil to a true 1/2 inch of soil.

Seeding - For the period March 15 thru August 15, thru October 15, seed with 60 lbs per acre of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 40 lbs per acre of Kentucky 31 Tall Fescue per acre and 2 lbs per acre of 10-10-10 fertilizer (34 lbs/1000 sq ft) during the period of October 15 thru February 15, seed with 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. 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 2 tons per acre of Kentucky 31 Tall Fescue and mulch with 2 tons per acre of straw mulch.

Mulching - Apply 2 to 3 tons per acre of 1/2" x 1/2" x 1000 sq ft of unrotted small grain straw immediately after seeding. Apply mulch immediately after application using mulch anchoring tool or 2 1/2 gal per acre of 5 gal/1000 sq ft of emulsified asphalt on flat areas. On slopes, use 368 gal per acre 16 gal/1000 sq ft of emulsified asphalt on flat areas. On slopes, use 368 gal per acre 16 gal/1000 sq ft of emulsified asphalt.

Maintenance - Inspect all areas during and after seeding. Repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA LIKELY TO BE REDISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED

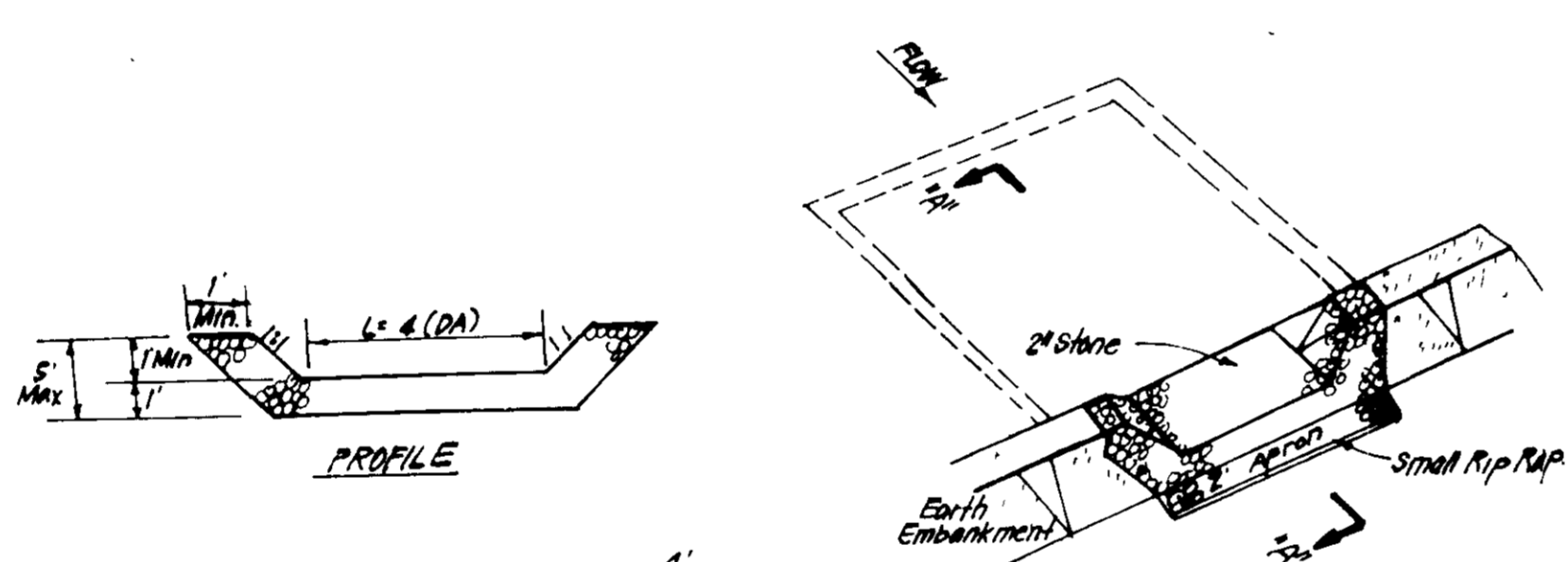
Seeding Preparation - Loosen upper 3 inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments - Apply 60 lbs per acre of 0-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding - For periods March 15 thru July 31, and from August 15 thru November 15, seed with 25 lbs per acre of a seed mix of Kentucky 31 Tall Fescue (10 lbs/1000 sq ft) and 10-10-10 fertilizer (34 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 25 lbs per acre of seeding lovegrass (10 lbs/1000 sq ft). For the period November 15 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 2 to 3 tons per acre of 1/2" x 1/2" x 1000 sq ft of unrotted small grain straw immediately after seeding. Apply mulch immediately after application using mulch anchoring tool or 2 1/2 gal per acre of 5 gal/1000 sq ft of emulsified asphalt on flat areas. On slopes, use 368 gal per acre 16 gal/1000 sq ft of emulsified asphalt on flat areas. On slopes, use 368 gal per acre 16 gal/1000 sq ft of emulsified asphalt.

REFER TO THE 1983 MD. STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED



CONSTRUCTION SPECIFICATIONS:

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil shall be graded.
- The fill material for the embankment shall be free of rocks and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small rip rap 4"-8" along with 1" thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth in the rip rap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.S.T.) ST.V.

APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE 11-17-88

DEVELOPER'S/BUILDER'S CERTIFICATE

I hereby certify that the plan for erosion and sediment control presented is 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 COUNTY SOIL CONSERVATION DISTRICT.

LUDY SMITH (PRES) 11/21/88

ENGINEER'S CERTIFICATE

I hereby certify that the plan for erosion and sediment control presented is 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 COUNTY SOIL CONSERVATION DISTRICT.

11-21-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 12-8-88

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
 12/21/88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 12-6-88

Reviewed for HOWARD SCD Name: Howard County Department of Health
 Signature: [Signature] Date: 11-29-88

Signature: [Signature] Date: 11-22-88

U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY HOWARD COUNTY SOIL CONSERVATION DISTRICT.

LS LORIA, SEDGHI & ASSOCIATES, LTD.
 Engineers • Site Planners • Surveyors
 3217 Corporate Court
 Ellicott City, MD 21043
 (301) 776-8888

DESIGNED: SEDIMENT + EROSION CONTROL DETAILS AS SHOWN
 DRAWN: FOXWOOD SUBDIVISION 2 OF 2
 CHECKED: LOT-2
 DATE: 11/18/88
 OWNER: FRESKO CORP. C/O LINDA AMARILE
 15425 WINDY WAY
 COLUMBIA, MD, 21046
 SDP-89-75