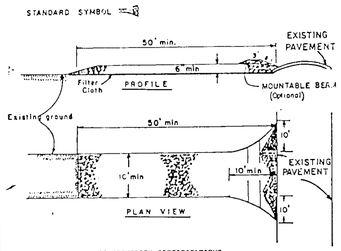


CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) 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 will not be required on a single family residence lot.
6. 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 permitted.
7. 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.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE

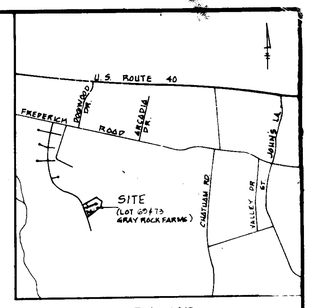
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of (4) inches, and placed so the bindings are horizontal.
3. Bales shall be securely anchored in place by either two stakes or re-bars driven through the bale. The first stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bale.
4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

STRAW BALE DIKE

NOT TO SCALE



VICINITY MAP

SCALE: 1" = 1200'

GENERAL NOTES

1.) SUBJECT PROPERTY IS LOCATED ON TAX MAP 24 AS PART OF PARCEL 132.
2.) PLAT REFERENCE - PLAT 5879.
3.) PROPERTY IS ZONED R - 20.
4.) MINIMUM SET BACKS = 10' , REAR = 30' , FRONT = 40' .
5.) SITE ANALYSIS
   a) TOTAL LOTS = 2 AREA 0.84 AC. ±
   b) TOTAL IMPERVIOUS AREA = 0.12 AC. ±
   c) TOTAL DISTURBED AREA = 0.44 AC. ±
   d) TOTAL AREA TO BE REVEGETATED = 0.32 AC. ±
6.) STREET TREES SHALL BE IN ACCORDANCE WITH SECTION 16. 131.
7.) IF ROADS ARE DEDICATED PRIOR TO SUBDIVISION COMPLETION AN ADDITIONAL SEDIMENT CONTROL PLAN WILL BE REQUIRED BY THE DEVELOPER.
8.) THE DEVELOPER IS RESPONSIBLE FOR MAINTAINING EXISTING SEDIMENT CONTROL MEASURES IN FUNCTIONAL CONDITION.
9.) MILLER LAND COMPANY WILL BE RESPONSIBLE FOR PLANTING OF STREET TREES.
10.) ALL ROADS, CURB & GUTTER, HANDICAPPED RAMPS AND SIDEWALKS ARE CONSTRUCTED UNDER F 84-82.
11.) STORMWATER MANAGEMENT IS PROVIDED UNDER F 84-82.

SEDIMENT CONTROL NOTES:

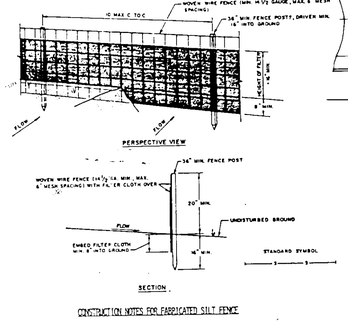
1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437)
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS 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 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 SEEDINGS (SEC. 51) AND (SEC. 52). 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	.084	ACRES
AREA DISTURBED	.044	ACRES
AREA TO BE ROOFED OR PAVED	.012	ACRES
AREA TO BE VEGETATIVELY STABILIZED	.032	ACRES
TOTAL CUT	540	CU.YDS.
TOTAL FILL	540	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	SITE IS BALANCED	

8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

CONSTRUCTION SEQUENCE:

1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STONE CONSTRUCTION ENTRANCE.
3. INSTALL STRAW BALE DIKE OR SILT FENCE.
4. CLEAR AND GRUB HOUSE SITE TO SUBGRADE.
5. EXCAVATE FOR FOUNDATION AND BEGIN HOUSE CONSTRUCTION.
6. AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON.
7. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCES AS REQUIRED.
8. FINE GRADE LOT AND STABILIZE INSTALL DRIVEWAY AND SIDEWALK.
9. REMOVE STRAW BALE DIKE OR SILT FENCE AND STABILIZE.
10. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. MOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO MOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FENCE: MOVEN WIRE, 14½ GA., 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

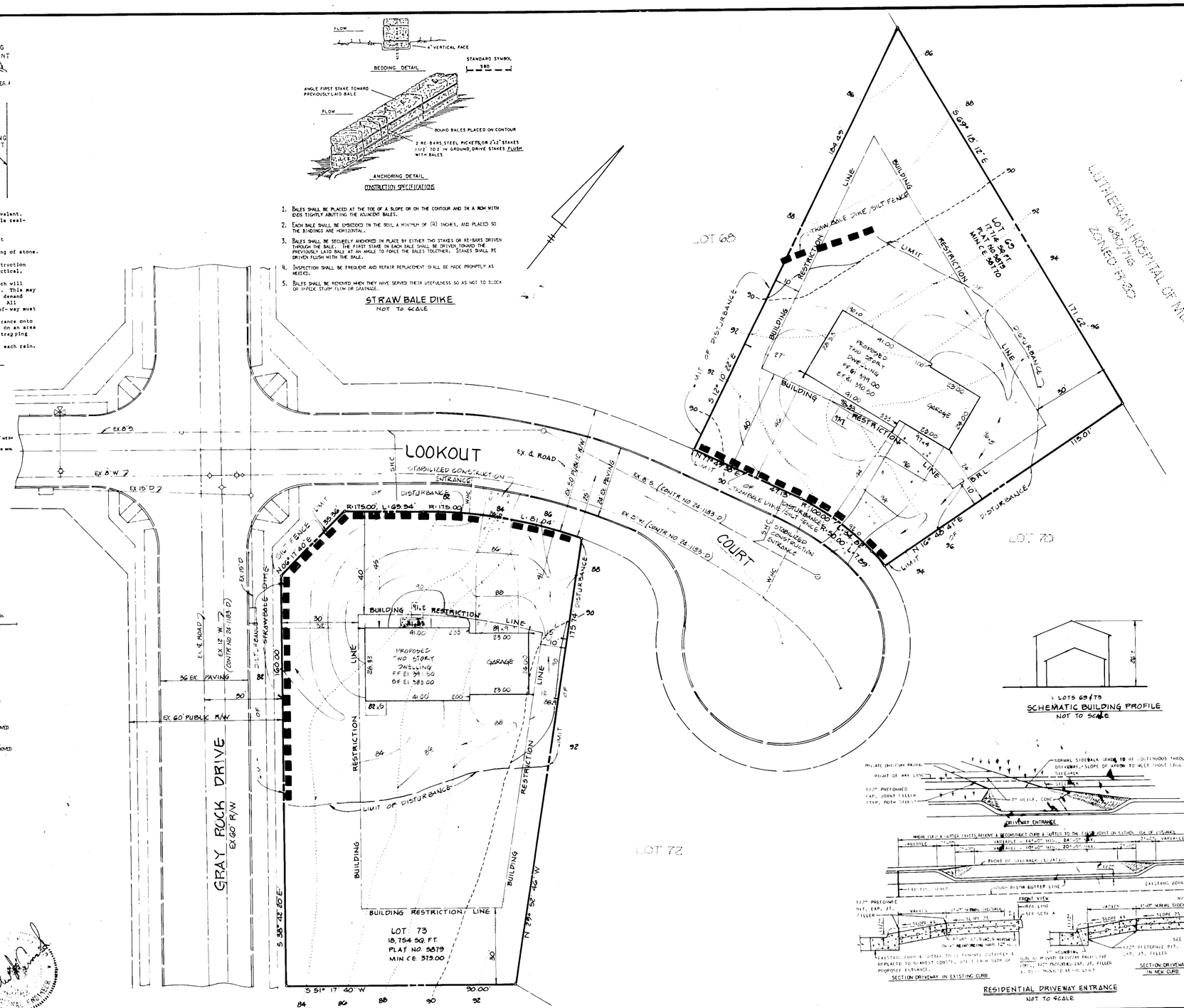
SILT FENCE

NOT TO SCALE

73	3702	LOOKOUT CIRCLE
69	3715	LOOKOUT CIRCLE
LOT NO	ADDRESS	

ADDRESS CHART

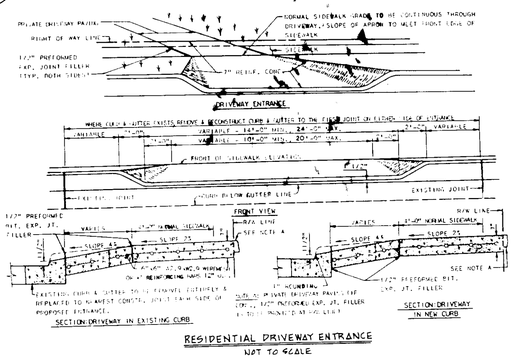
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-2-85



LOTS 69 & 73

SCHEMATIC BUILDING PROFILE

NOT TO SCALE



RESIDENTIAL DRIVEWAY ENTRANCE

NOT TO SCALE

OWNER & DEVELOPER

C. KNUDSEN & SON, INC
8466 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21043
(301) 465-2222

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

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.

SIGNATURE OF ENGINEER — DATE 4/8/85

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 ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER — DATE 3-13-85

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE — DATE 4-12-85

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

DISTRICT HOWARD SOIL CONSERVATION DISTRICT — DATE 4/12/85

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 4-22-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 4-19-85

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.

DIRECTOR — DATE 4-18-85

APPROVED: DEPARTMENT OF PUBLIC WORKS. FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, PUBLIC WORKS — DATE 4-12-85

CHIEF, BUREAU OF ENGINEERING — DATE 4-12-85

SUBDIVISION NAME			SECTION	LOT
GRAY ROCK FARM			2	69 & 73
PLAT NO	BLOCK NO	ZONE	TAX/ZONE	ELEC DIST	CENSUS TR
5879	9	R-20	24	2ND	6023.01
WATER CODE			SEWER CODE	
F 07			5870000	

SITE DEVELOPMENT PLAN

GRAY ROCK FARM

SECTION 2

LOTS 69 & 73

TAX MAP 24 PARCEL 132

2nd ELECTION DISTRICT HOWARD COUNTY, MD

SCALE 1" = 20' DATE MARCH 8, 1985

SHT. 1 OF 1

SDP-85-148