

**SILT FENCE**  
NOT TO SCALE

1. THIS FENCE SHALL BE CONSTRUCTED ACCORDING TO THE PROVISIONS OF THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. THE FENCE SHALL BE CONSTRUCTED WITH THE FOLLOWING SPECIFICATIONS:

2. FILTER FABRIC SHALL BE PLACED ON TOP OF THE FENCE. THE FILTER FABRIC SHALL BE MADE OF A NON-WOVEN POLYPROPYLENE OR POLYESTER FABRIC WITH A MINIMUM APERTURE OF 0.075 MILLIMETERS (0.003 INCHES).

3. THE FENCE SHALL BE CONSTRUCTED WITH A MINIMUM HEIGHT OF 4 FEET AND A MINIMUM TOP WIDTH OF 4 FEET. THE FENCE SHALL BE ANCHORED TO THE GROUND WITH 2x4 STUDS PLACED ON THE CONTOUR AT 4 FOOT INTERVALS.

4. THE FENCE SHALL BE MAINTAINED AND REPAIRS SHALL BE MADE PROMPTLY AS NEEDED.

**STRAW BALE DIKE**  
NOT TO SCALE

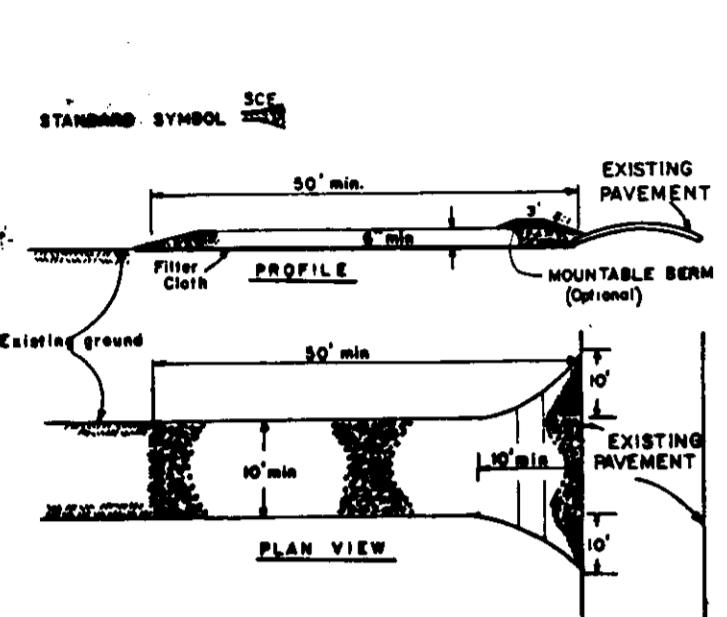
1. BALE SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH THE TOE THEREBY FORMING THE ADJACENT BALE.

2. EACH BALE SHALL BE SPACED IN THE SOIL A MINIMUM OF 60 BALE, AND PLACED SO THE BALE IS FULLY ENCLOSED BY THE SOIL.

3. BALE SHALL BE FULLY ANCHORED IN PLACE BY EITHER TWO STRAPS OR BY A STRAP THROUGH THE BALE. THE FIRST STRAP IN EACH BALE SHALL BE ANCHORED TO THE SOIL BY EITHER PLACING THE STRAP AT AN ANGLE TO FORCE THE BALE TO FIT TIGHTLY TO THE SOIL OR BY DRIVING PLAINS WITH THE BALE.

4. ANCHORING SHALL BE PROMPT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

5. BALE SHALL BE MAINTAINED AND REPAIRS SHALL BE MADE PROMPTLY AS NEEDED.



**PERMANENT SEEDING NOTES:**

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT COMPACTED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT.) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (18 LBS/1000 SQ. FT.) BEFORE SEEDING.

3) HARMFUL - DO NOT APPLY FERTILIZER TO SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 200 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR PERIODS MAY 1 THRU JULY 31, SEED WITH 50 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.14 LBS/1000 SQ. FT.) OF WEETING LOVEGRASS. DURING THE PERIODS OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF MULCH ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW MULCH. APPLY 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNGRADED SMALL DRIFT STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (18 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER ACRE (18 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 REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

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 NOVEMBER 15, SEED WITH 200 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF WEETING LOVEGRASS. FOR PERIODS MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEETING LOVEGRASS (0.7 LBS/1000 SQ. FT.). FOR PERIODS NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF MULCH ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOIL.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNGRADED SMALL DRIFT STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (18 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (18 GAL/1000 SQ. FT.) FOR ANCHORING.

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

**CONSTRUCTION SPECIFICATIONS:**

1. Stone Size - No. 10 stone, or crushed or recycled concrete equivalent.

2. Layers - As specified, but not less than 18 feet (except on a single rest-curve lot where a 30 foot minimum length would apply).

3. Minimum - No less than 18 (18) inches.

4. Width - No. 10 stone, but not less than the full width at bottom layer or approved equivalent.

5. Filter Cloth - Will be placed over the entire area prior to placing of stone.

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7. Maintenance - The contractor shall be obligated to maintain the condition which will prevent erosion or sliding of sediment into adjacent areas. All sediment shall be removed, dumped, washed or treated on public rights-of-way. This may require periodic mowing and additional stone as conditions demand and repair and/or replacement of any material used to trap sediment. All sediment shall be removed, dumped, washed or treated on public rights-of-way. This may require periodic mowing and additional stone as conditions demand and repair and/or replacement of any material used to trap sediment. All sediment shall be removed, dumped, washed or treated on public rights-of-way. This may require periodic mowing and additional stone as conditions demand and repair and/or replacement of any material used to trap sediment.

8. Mowing - Mowing shall be allowed to begin no later than 14 days after the area is stabilized with stone and which drains into an approved sediment trapping device. Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE

LOT NO.	ADDRESS CHART
31	10552 HUNTERS WAY
32	10548

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 8-20-86

**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.

9/2/86

**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."

7-18-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

9-16-86

U.S. SOIL CONSERVATION SERVICE

DATE

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

APPROVED:

9/10/86

HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

9-22-86

PLANNING DIRECTOR

9-22-86

DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

9/19/86

HEALTH OFFICER

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

9-12-86

DIRECTOR, PUBLIC WORKS

9-12-86

DATE

CHIEF, BUREAU OF ENGINEERING

9-12-86

DATE

OWNER:

JANET W. PHELPS  
10504 GORMAN ROAD  
LAUREL, MD 21044

**DEVELOPER**

F.G. MARKER COMPANY, INC.  
5900 WINDY GARDEN PARKWAY  
SUITE 707  
LANHAM, MARYLAND 20706

**SITE ANALYSIS:**

1. TOTAL AREA OF SITE: 0.73 AC. ±

2. TOTAL AREA TO BE DISTURBED: 0.46 AC. ±

3. TOTAL IMPERVIOUS AREA: 0.14 AC. ±

4. TOTAL AREA TO BE REVEGETATED: 0.37 AC. ±

**CONSTRUCTION SEQUENCE:**

- OBTAIN GRADING PERMIT. INSPECT EXISTING SEDIMENT BASIN AND MAKE ANY NECESSARY REPAIRS OR MAINTENANCE TO THE BASIN PRIOR TO BEGINNING ANY WORK SHOWS HEREON.
- CONSTRUCT STONE CONSTRUCTION ENTRANCE FOR LOTS.
- INSTALL STRAW BALE DIKE OR SILT FENCE ON LOTS.
- CLEAR AND GRUB HOUSE SITES TO SUBGRADE.
- EXCAVATE FOR FOUNDATIONS AND BRICK HOUSE CONSTRUCTION.
- SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
- THIS CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
- THE SEDIMENT TRAP SHALL BE Dewatered BY PUMPING THE SEDIMENT FROM THE TRAP SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAP SUCH A NUMBER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAP.
- REMOVE SEDIMENT FROM ROADSIDE AND DRIVE STREETS. CONSTRUCTION ENTRANCE AS REQUIRED.
- FINE GRADE LOTS AND STABILIZE. INSTALL DRIVEWAYS AND SIDEWALKS.
- REMOVE STRAW BALE DIKE OR SILT FENCE AND STABILIZE.
- STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
- AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAP AND STABILIZE REMAINING DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
6388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
(301) 461-2855

**ENGINEER'S CERTIFICATE**

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