

LINE ) OF DISTURBANCE N517200 -STABILIZED -BUILDING CONSTRUCTION ENTRANCE STRAW BALE DIKE OR SILT FENCE LOT 4 N 516950 LIMITS LOT 5 OF DISTURBANCE

CONSTRUCTION SEQUENCE:

1. OBTAIN GRADING PERMIT. 2. PLACE STRAW BALE DIKE OR SILT FENCE AS SHOWN ON THIS PLAN.

3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE. 4. GRADE ROAD WIDENING, SHOULDER, AND DRAINAGE DITCH IN ACCORDANCE WITH THE ROAD WIDENING DETAIL. 5. GRADE OAKWOOD LANDING COURT TO SUBGRADE.

6. DURING CONSTRUCTION ALONG TEN OAKS ROAD THE CONTRACTOR SHALL PLACE STRAW BALES OR SILT FENCE DOWNGRADE OF ANY DISTURBED AREAS AT THE END OF EACH WORKING DAY.

7. LAY BASE COURSE, APPLY TACK COAT TO BASE COURSE, AND LAY SURFACE COURSE.

8. STABILIZE ALL SHOULDERS AND DRAINAGE DITCHES WITH PERMANENT SEEDING.

9. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.

STABILIZED CONSTRUCTION ENTRANCE

(Optional)

PAVEMENT

not to scale

PROFILE

PLAN VIEW

CONSTRUCTION SPECIFICATIONS

4. Width - Ten (10) foot minimum, but not less than the full width at

Filter will not be required on a single family residence lot.

dence lot where a 30 foot minimum length would apply).

a mountable berm with 5:1 slopes will be permitted.

3. Thickness - Not less than six (6) inches.

points where ingress or egress occurs.

be removed immediately.

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent. Length - As required, but not less than 50 feet (except on a single resi-

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

prevent tracking or flowing of sediment onto public rights-of-way. This may

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

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

8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto

9. Periodic inspection and needed maintenance shall be provided after each rain.

6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical,

7. Maintenance - The entrance shall be maintained in a condition which will

Existing ground

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

SEEDBED 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 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE 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. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.). 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING.

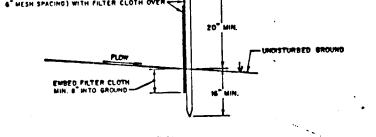
HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15. SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.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 SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW. MULCHING: APPLY 11/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND TEMPORARY SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER 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 212 BUSHEL PER ACRE OF ANNUAL RYE (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 16 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 1½ TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SO.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 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.

SILT FENCE HOVER WIRE FENCE THAT MAYS GAUGE, MAIL OF MESH 36" MIN. PENCE POSTS, DRIVEN MIN. 16" INTO GROUND PERSPECTIVE VIEW WOVEN WIRE PENCE (14 1/2 'SA, MIN., MAX, 6" MESH SPACING) WITH FILTER CLOTH OVE



POSTS: STEEL EITHER T OR U

FENCE: HOVEN WIRE, 14: GA. 6" MAX. MESH OPENING

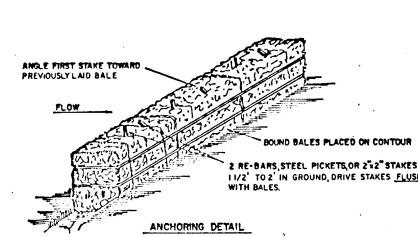
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. Noven 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 over-lapped by six inches and folded.

PREFABRICATED UNIT: GEOFAB, DIVIROFENCE, OR APPROVED LOUAL. 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED HIEN BULGES" DEVELOP IN THE SILT FENCE.

STRAW BALE DIKE



1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH

2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO

CONSTRUCTION SPECIFICATIONS

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

5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flom or drainage.

ENGINEER'S CERTIFICATE

THEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-IMENT 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 REQUIRE-MENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

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 PRO-GRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DIS-TRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

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

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

HOWARD SOIL CONSERVATION DISTRICT

APPROVÉD:

APPROVED: DEPARTMENT OF PUBLIC WORKS.

APPROVED: OFFICE OF PLANNING AND ZONING

AND ZONING ADMINISTRATION

SEDIMENT CONTROL NOTES: 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION

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, %) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT 4) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL ÉROSION 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. 5) 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. 6) SITE ANALYSIS: TOTAL AREA OF SITE

AREA DISTURBED AREA TO BE ROOFED OR PAVED AREA TO BE VEGETATIVELY STABILIZED TOTAL CUT TOTAL FILL

OFFSITE WASTE/BORROW AREA LOCATION 7) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

8) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.

1 1/2' TO 2' IN GROUND, DRIVE STAKES FLUSI

OWNER AND DEVELOPER

KENNARD WARFIELD, JR. C/O HOWARD COUNTY LAND SERVICES, INC. 10176 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21043

> GRADING AND SEDIMENT CONTROL PLAN

DAKWOOD FOREST

A RESUBBIVISION OF LOT 8 LOTS 1-5 5TH ELECTION DISTRICT HOWARD GOUNTY, MARYLAND

SCALE: AS SHOWN AUGUST 26, 1985 SHEET Z OF Z