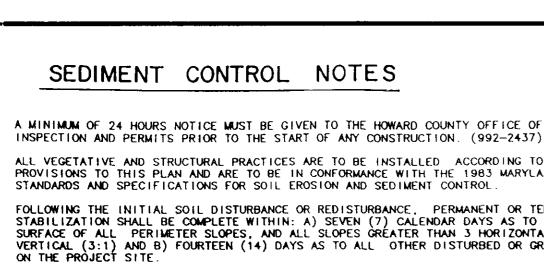


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- INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED. ACCORDING TO THE PROVISIONS TO THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND
- FOLLOWING THE INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETE WITHIN: A) SEVEN (7) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND B) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS
- 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
- 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.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED IF DEEMED NECESSARY BY THE HOWARD COUNTY DEPT. OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR
- REFER TO "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR THE SOIL EROSION AND SEDIMENT CONTROL" FOR THE 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 INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
- ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RE- SUBMISSION TO HOWARD COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL
- 10. DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS.REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PP 62.01 OR 62.02 FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR JUST CONTROL.
- 11. ANY VARIATION FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.
- 12. ANY DISTURBED EARTH LEFT IDLE FOR PERIODS EXCEEDING 30 DAYS SHALL BE STABILIZED ACCORDING TO TEMPORARY STABILIZATION SPECIFICATIONS.
- 13: AT THE END OF EACH WORKING DAY ALL SEDIMENT CONTROL PRACTICE WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
- 14. THE SEDIMENT CONTROL APPROVALS ON THIS PLAN EXTEND ONLY TO AREAS AND PRACTICES IDENTIFIED AS PROPOSED WORK.
- 15. THE APPROVAL OF THE PLAN FOR SEDIMENT AND EROSION CONTROL DOES NOT RELIEVE THE DEVELOPER/CONSULTANT FROM COMPLYING WITH ANY FEDERAL/STATE/COUNTY REQUIREMENTS APPERTAINING TO ENVIRONMENTAL ISSUES.
- 16. AT THIS TIME, WE BELIEVE THAT SECTIONS 404 OR 401 OF THE CLEAN WATER ACT DO NOT
- 17. THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS, AND/OR RIGHTS-OF-WAYS THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES. STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAYS THAT MAY BE REQUIRED FOR GRADING AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.

TEMPORARY AND PERMANENT SEEDING NOTES

TEMPORARY SEEDING NOTES: APPLY TO GRADED OR CLEARED AREAS WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

THE ALPH TO TO TO FERTILIZER (14 LBS/1000 SQ. FT.) THE PERIOD OF MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.) FOR THE PERIOD OF NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS

MULCHING: APPLY 1/2 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. REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES: APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE CLOVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER

ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: IN LIEU OF SOIL TESTS RECOMMENDATIONS, USE ONE OF THE FOLLOWING . PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10

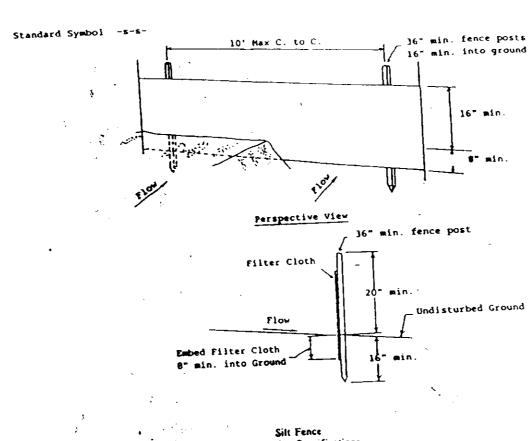
FERTILIZER (14 LBS/1000 SQ FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LB. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.)

2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) 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/100 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 THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

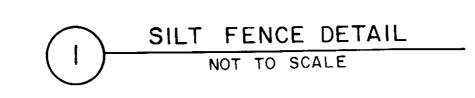
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING

MAINTENANCE - INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



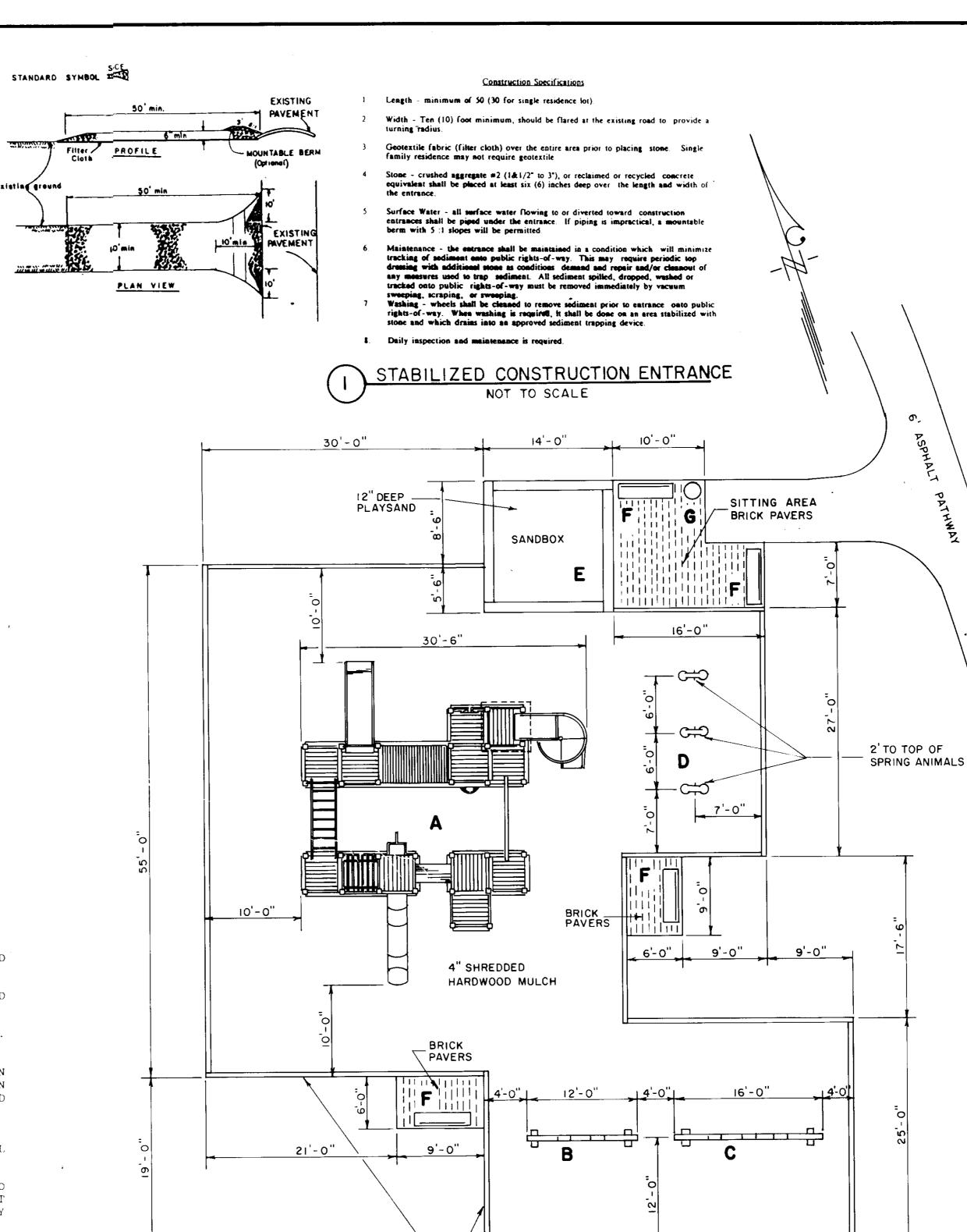
Silt Fence

- Silt sences must be embedded, or keyed in, at least 8 inches into the ground. Laying the lower edge of the filter fabric on the ground and covering it with soil is not an acceptable method of keying in. The key-in trench can be excavated by hand or by ditching equipment. After the silt fence is constructed, the trench must be backfilled
- and compacted. Fence posts must be:
- b. have a cross sectional area of at least 3 square inches if wooden, or a. at least 36 inches long, and
- c. weigh at least I pound per linear foot if steel T or U type, and d. on 10 foot maximum centers, and
- e. driven at least 16 inches into the ground. The filter fabric must be fastened securely to the fence posts. When two sections of filter fabric are joined together, the joint must occur at a fence post. The ends of the filter fabric should be overlapped by at least 6 inches, folded. and fastened to the fence post so that no gaps in the fence occur. Manufacturer's recommendations for joining fabric sections maybe followed as long as the resulting joint does not create gaps in the silt fence.
- Silt fence must be located along the contours. Silt fences must be inspected periodically and after each rain event and maintenance performed as necessary.



SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT FROM HO. CO. DEPT. OF LICENSES AND
- 2. NOTIFY THE HOWARD COUNTY BUREAU OF LICENSES, INSPECTIONS, AND PERMITS AT LEAST 48 HOURS BEFORE ANY WORK BEGINS.
- 3. CLEAR AND GRUB FOR SEDIMENT AND EROSION CONTROL MEASURES ONLY.
- INSTALL SILT FENCE ALONG DOWNHILL SIDE OF THE PROPOSED LOT IN ACCORDANCE WITH HO. CO. SOIL CONSERVATION DISTRICT. DIVISION OF LICENSIN AND PERMITS AND 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 5. NOTIFY HO. CO. DEPT OF PERMITS AND LICENSES. SEDIMENT CONTROL DIVISION UPON COMPLETION OF SAID INSTALLATION.
- 6. ALL PROPOSED PATHWAY LOCATIONS SHALL BE FIELD STAKED AND APPROVED BY THE PROJECT ENGINEER. PATHWAYS SHALL BE LAID OUT 30' FROM EXISTING STREAM CHANNELS WHERE OPEN SPACE PROPERTY LIMITS PERMIT.
- 7. WITH THE APPROVAL OF HO. CO. DEPT OF LICENSES AND PERMITS AND THE SEDIMENT CONTROL INSPECTOR, CLEAR AND GRUB AREAS FOR CONSTRUCTION.
- 8. GRADE AREAS FOR TOT LOT CONSTRUCTION AS CLOSE TO EXISTING GRADES AS POSSIBLE. CROSS SLOPES SHALL REFLECT EXISTING TOPOGRAPHIC CONDITIONS.
- 9. MAINTAIN POSITIVE DRAINAGE TO SEDIMENT CONTROL STRUCTURES. NO SLOPES TO EXCEED 3:1 SLOPE STABILIZE ROUGH GRADED AREAS.
- 10. STABILIZE ALL DISTURBED AREAS IMMEDIATELY FOLLOWING INITIAL SOIL DISTURBANCE AND WITHIN 14 DAYS.
- 11. INSTALL TOT LOT AS REQUIRED TO MAINTAIN POSITIVE DRAINAGE
- 12. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL EROSION CONTROL DEVICES AND STABILIZE



IO PLAY DECKS ON 7 LEVELS HORIZONTAL LADDER 8' SLIDE CHAIN CONNECTING BRIDGE CAPTAIN'S STEERING WHEEL SPIRAL SLIDE TRACK RIDE CRAWL-THROUGH TUBE PANEL BUBBLE FIREMAN'S POLE TUBE SLIDE MAX. HEIGHT - 6' TIMBERFORM SWING UNIT # 1538-2

EQUIPMENT

FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,

HOWARD COUNTY HEALTH DEPARTMENT.

PLAMN

TIMBERFORM PLAY UNIT #4915 INCLUDING

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8-18-92

CHIEF, BUREAU OF ENGINEERING CO DIL AL

PLANNING AND LAND

DEVELOPMENT

WITH 2 INFANT SWING SEATS MAX. HEIGHT - 9' TIMBERFORM SWING UNIT # 1538-3

WITH 3 BELT SWING SEATS MAX. HEIGHT - 9'- 6" SPRING ANIMALS (3 REQUIRED)

SANDBOX - 14'x 14'

PERMANENT BENCH (4 REQUIRED)

TRASH CONTAINER

NOTE: INSTALLATION OF ALL EQUIPMENT SHALL BE IN ACCORDANCE WITH STANDARD COLUMBIA ASSOCIATION SPECIFICATIONS.

OWNER/	DEVELOPER	
COLUMBIA	PARKS & RECREA	ATION ASSOCIATION
9861 BRO	KENLAND PARKW	AY SUITE 300
COLUMBIA	, MD. 21046	
	ADDRESS	CHART
LOT NO.		CHART
LOT NO.		
LOT NO.	STREET	

SECTION/AREA | LOT/PARCEL 2 / O.S. 3/6 BLOCK ZONE TAX/ZONE MAP ELEC DIST. CENSUS TR 5902 B 4 NT/OS 35 5th 6056 SEWER CODE WATER CODE N/A

BESPONSIBLE PERSONNEL CERTIFICATION I HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL IN-VOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERT-IFICATE OF ATTENDANCE FROM A DEPARTMENT OF THE EN-VIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL

OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

SIGNATURE OF DEVELOPER 4.27.92 (PRINT NAME BELOW)

DENNS 4. ELLIS

CERTIFICATION BY THE ENGINEER I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDI-TIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DIS-

RINT NAME BELOW)

JOHN M. CHRISTMAN, P.E.

CERTIFICATION BY THE DEVELOPER I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND LALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THIER AUTHORIZED AGENTS AS DEEMED_NECESSARY."

SIGNATURE OF DEVELOPER 4.27.92 DATE (PRINT NAME BELOW) DENIS A.EUS

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT DATE REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIRE-MENTS.

US SOIL CONSERVATION SERVICE

APPROVED

4"x8" CCA TREATED WOOD EDGER.

ONE TO THREE COURSES MAX. SEE

STAKE IN PLACE MIN. 12" O.C. MATCH GRADE AT OUTSIDE USING

ELEVATIONS INSIDE AREA.

GRADING PLAN FOR PROPOSED

description date

TOT LOT

SCALE: 1/8" = 1'-0"

prepared by ENGINEERS • ARCHITECTS • PLANNERS 5560 STERRETT PLACE, SUITE 300 COLUMBIA, MARYLAND 21044 301 / 730-7950 621-6050

VILLAGE OF HICKORY RIDGE PLAY MEADOW TOT LOT LOT 2 OPEN SPACE SECTION 3, AREA 6, PLAT REF. 5902 8 5903 5th ELECTION DISTRICT HOWARD COUNTY

SCALE AS SHOWN CHECKED JMM JMC PROJ. NO. DATE 4/27/92 M0534 SHEET MARYLAND

SDP.92.110