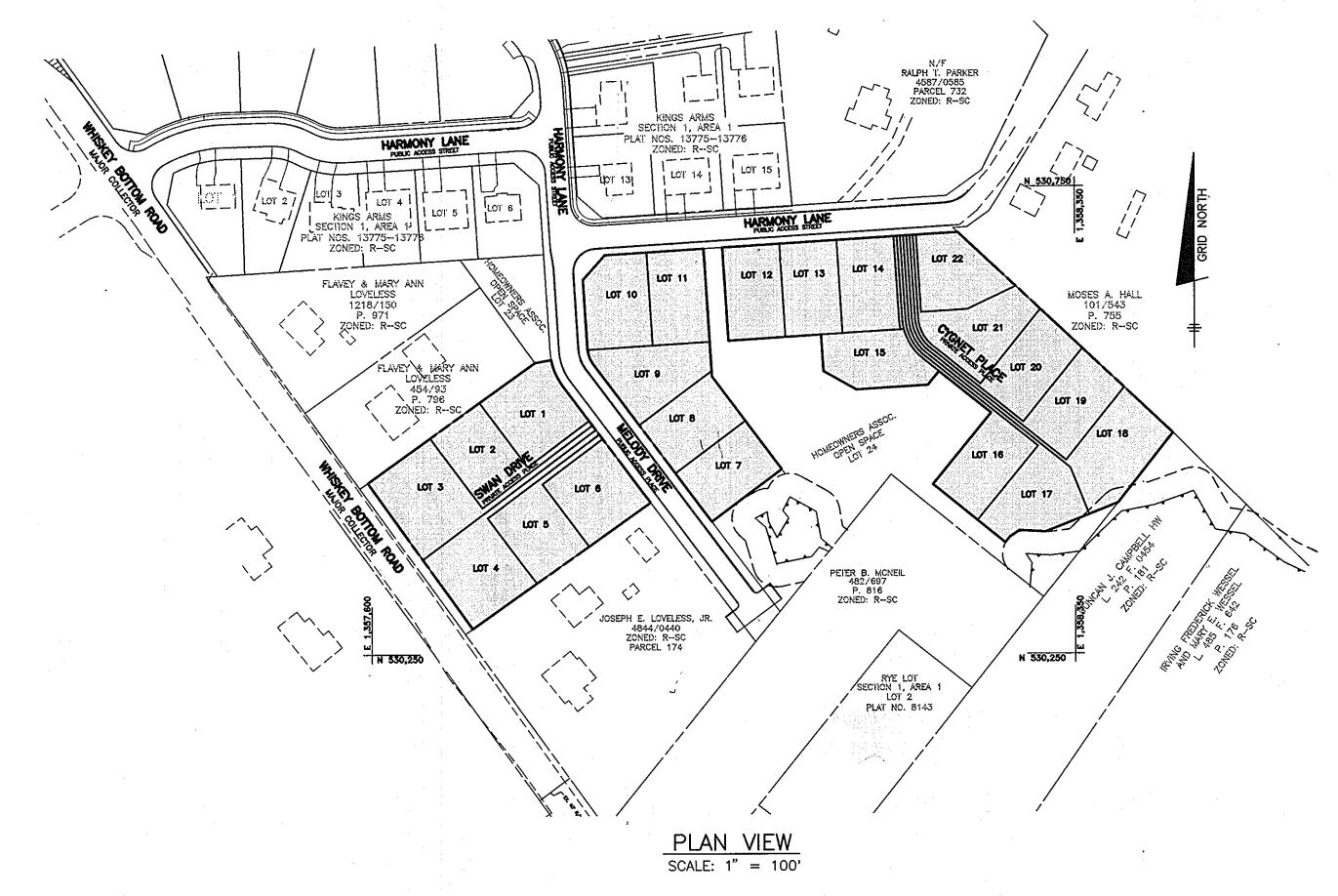


SITE DEVELOPMENT PLAN

KINGS ARMS SECTION 2

LOTS 1-22

6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND



SHC TABLE					
LOT NO.	MIN. CELLAR	SHC INV.			
1	280.85	276.97			
2	281.06	277.32			
3	281.99 ,	278.03			
4	282.15	278.21			
, 5	281.46	277.78			
6	281.01	277.21			
7	279.31	275.39			
8	278.77	274.77			
9	277.75	273.85			
10	276.99	273.29			
11	276.99	272.99			
12	276.54	272.58			
13	276.24	272.28			
14	275.98	272.02			
15	275.85	271.99			
16	270.39	266.65			
17	268.63	264.85			
18	264.60	260.99			
19	269.13	265.35			
20	271.05	267.33			
21	272.55	268.48			
22	276.08	272.24			

CONTRACTOR TO CHECK SEWER HOUSE CONNECTION

CONSTRUCTION OF HOUSE TO ENSURE PROPER SHC

SLOPES CAN BE MAINTAINED.

		ADDRE	SS CHART	Ī	
LOT No.	STREET	ADDRESS	LOT No.	STREET	ADDRESS
1	9900	SWAN DRIVE	12	9919	HARMONY LANE
2	9904	SWAN DRIVE	13	9915	HARMONY LANE
3	9908	SWAN DRIVE	14	9911	HARMONY LANE
4	9909	SWAN DRIVE	15	9006	CYGNET PLACE
5	9905	SWAN DRIVE	16	9014	CYGNET PLACE
6	9901	SWAN DRIVE	17	9018	CYGNET PLACE
7	9013	MELODY DRIVE	18	9019	CYGNET PLACE
8	9009	MELODY DRIVE	" 1.9	29 15	CYGNET PLACE
9	9005	MELODY DRIVE	20	9011	CYGNET PLACE
10	9929	HARMONY LANE	21	9007	CYGNET PLACE
11	9925	HARMONY LANE	22	9901	HARMONY LANE

	SHEET INDEX	
NO.	DESCRIPTION	
1	TITLE SHEET	
2	SITE DEVELOPMENT AND GRADING PLAN	
3	SEDIMENT AND EROSION CONTROL PLAN	
4	SEDIMENT AND EROSION CONTROL NOTES AND DETAILS	

SITE ANALYSIS DATA CHART

A.) TOTAL PROJECT AREA....

D.) PRESENT ZONING:

B.) AREA OF THIS PLAN SUBMISSION ___

C.) APPROXIMATE LIMIT OF DISTURBANCE ____

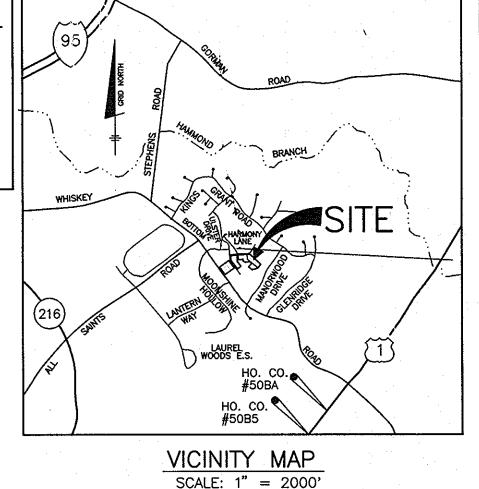
____ 3.48 AC. (151,858 S.F.)

RESIDENTIA

	E.) PROPOSED USE OF SITE:	SINGLE FAMILY DETACHED UNITS
	F.) FLOOR SPACE PER LOT	N/A
	G.) TOTAL NUMBER OF UNITS ALLOWED AS SHOWN ON FINAL PLAT(S)	22
	H.) TOTAL NUMBER OF UNITS PROPOSED.	22
•	I.) MAXIMUM NUMBER OF EMPLOYEES PER USE	N/A
	J.) NUMBER OF PARKING SPACES REQUIRED BY HO. CO. ZONING REGULATIONS	N/A
•	K.) NUMBER OF PARKING SPACES PROVIDED	N/A
	L) OPEN SPACE ON-SITE PERCENTAGE OF GROSS AREA	0.00 AC. 0%
	M.) AREA OF RECREATIONAL OPEN SPACE REQUIRED	0.00 AC. 0.00 AC.
	N.) BUILDING COVERAGE OF SITE PERCENTAGE OF GROSS AREA	
	O.) APPLICABLE DPZ FILE REFERENCES:	S-99-23, P-00-14, F-01-130 CONTRACT # 24-3959-D
	P.) PROPOSED WATER AND SEWER SYSTEMS: X PUBLIC	PRIVATE

PERMIT INFORMATION CHART SUBDIVISION NAME: LOT/PARCEL SECTION 2 174, 496 & P/O 732 KINGS ARMS LOTS 1-22 GRID No. ZONE TAX MAP DISTRICT 15483-15486 22 6069.03 6<u>th</u> WATER CODE C-03 SEWER CODE 7270000 DESIGN: DBT | DRAFT: DBT

BENCH MARKS-(NAD'83) HO. CO. #50BA EL. N/A STANDARD DISC ON CONC. MONUMENT N 527561.6702' E 1359772.5936' HO. CO. #50B5 EL.178.242' STANDARD DISC ON CONC. MONUMENT N 524999.3640' E 1357925.6751'

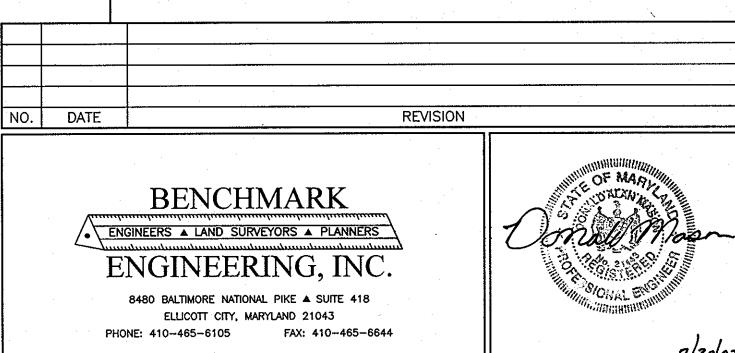


GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED R-SC PER THE 10-18-93 COMPREHENSIVE ZONING PLAN.
- CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION INSPECTION DIVISION A

- HORIZONTAL AND VERTICAL DATUM ARE NAD '83 MONUMENTS 50BA and 50B5

- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS; BAY WINDOWS, CHIMNES EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS; PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT
- 1. WOB INDICATES WALKOUT BASEMENT.
- 13. THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING
- 14. ANY DAMAGE TO THE COUNTY'S RIGHT-OF WAY SHALL BE CORRECTED ★AT THE BUILDERS EXPENSE.
- 15. BRL INDICATES BUILDING RESTRICTION LINE.
- 17. HOUSES/GARAGES WILL BE SITED ON LOTS SO THAT A SECOND CAR, IF PARKED IN THE DRIVEWAY, WILL NOT OVERHANG INTO THE PRIVATE ACCESS PLACE DRIVEWAY (18" MINIMUM CLEARANCE).
- 18. DRIVEWAY SLOPES SHOWN ARE AVERAGE. THE SLOPE AT THE OUTSIDE EDGES COULD BE FLATTER OR STEEPER DEPENDING ON GRADE OF ROADWAY.
- 19. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE-AND-OCCUPANCY PERMIT FOR ANY NEW DWELLING TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
- a) WIDTH 12' (14' SERVING MORE THAN ONE RESIDENCE); b) SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2"MIN.; c) GEOMETRY -- MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS;
- d) STRUCTURES (CULVERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING); e) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY;
- f) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE. O. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. STREET TREES, SWM AND PERIMETER LANDSCAPING SHALL BE PROVIDED IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION DRAWINGS FILED UNDER F-01-130. SURETY FOR ALL PLANTINGS HAS BEEN POSTED WITH THE DEVELOPER'S AGREEMENT.
- 1. THE MAINTENANCE AGREEMENT FOR THE PRIVATE ACCESS PLACE EASEMENT FOR SWAN DRIVE (LOTS 1-6) HAVE BEEN RECORDED IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND IN LIBER 6262 AT FOLIO 0597. THE MAINTENANCE AGREEMENT FOR THE PRIVATE ACCESS PLACE EASEMENT FOR CYGNET PLACE (LOTS 15-21) HAVE BEEN RECORDED IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND IN LIBER 6262 AT FOLIO 0601.
- 22. THIS PLAN CONFORMS WITH THE 5th EDITION OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE DEVELOPER SHALL APPLY FOR BUILDING PERMITS FOR ALL LOTS AS SHOWN ON THIS SITE DEVELOPMENT PLAN WITHIN FIVE YEARS OF SIGNATURE APPROVAL OF THIS PLAN.



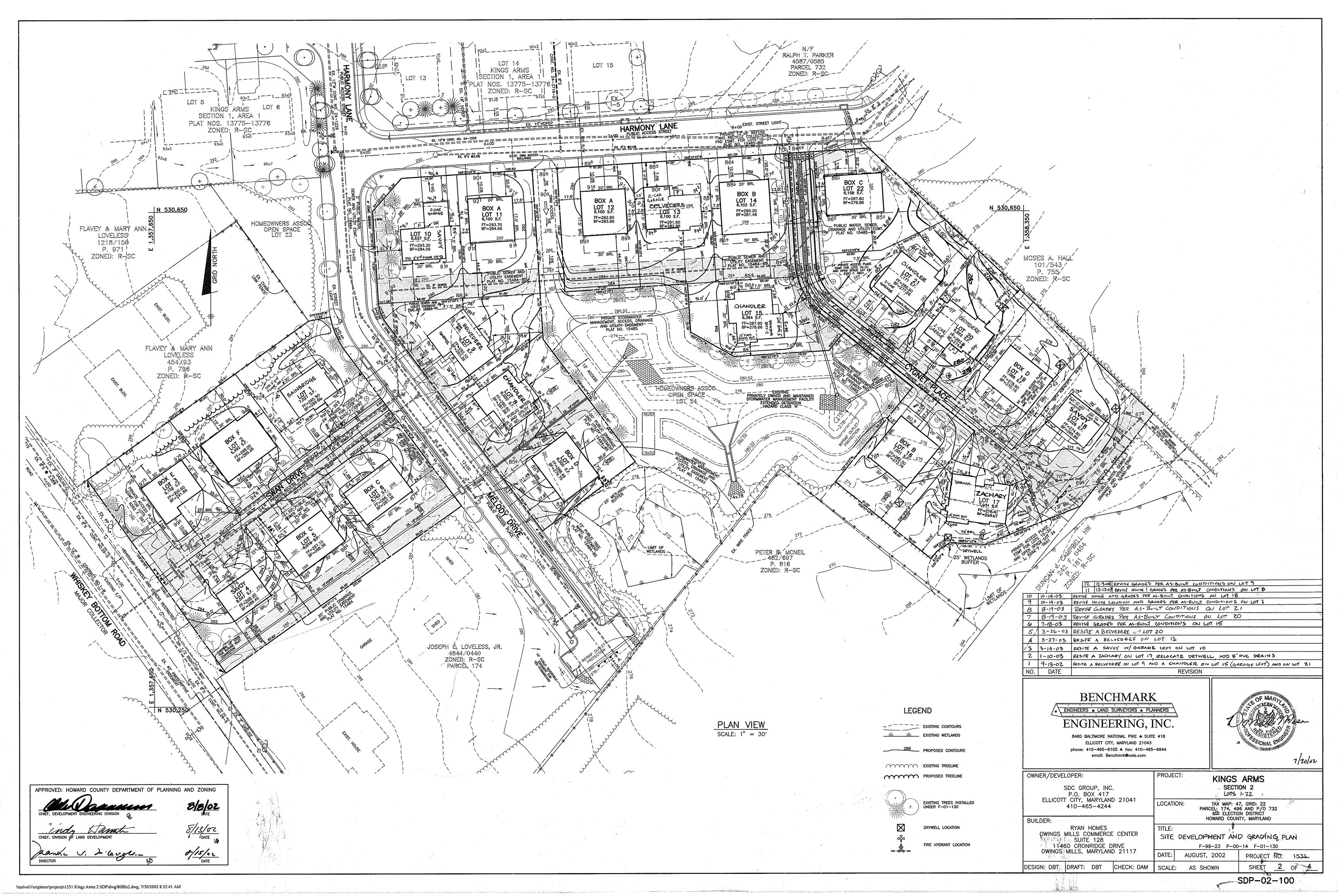
7/30/02 OWNER/DEVELOPER: KINGS ARMS SECTION 2 SDC GROUP, INC. P.O. BOX 417 LOTS 1 - 22 ELLICOTT CITY, MARYLAND 21041 TAX MAP: 47, GRID: 22
PARCEL: 174, 496 AND P/O 732
6th ELECTION DISTRICT 410-465-4244 HOWARD COUNTY, MARYLAND RYAN HOMES SITE DEVELOPMENT PLAN OWINGS MILLS COMMERCE CENTER TITLE SHEET 11460 CRONRIDGE DRIVE OWINGS MILLS, MARYLAND 21117 S-99-23 P-00-14 F-01-130 AUGUST, 2002 PROJECT NO. 1531

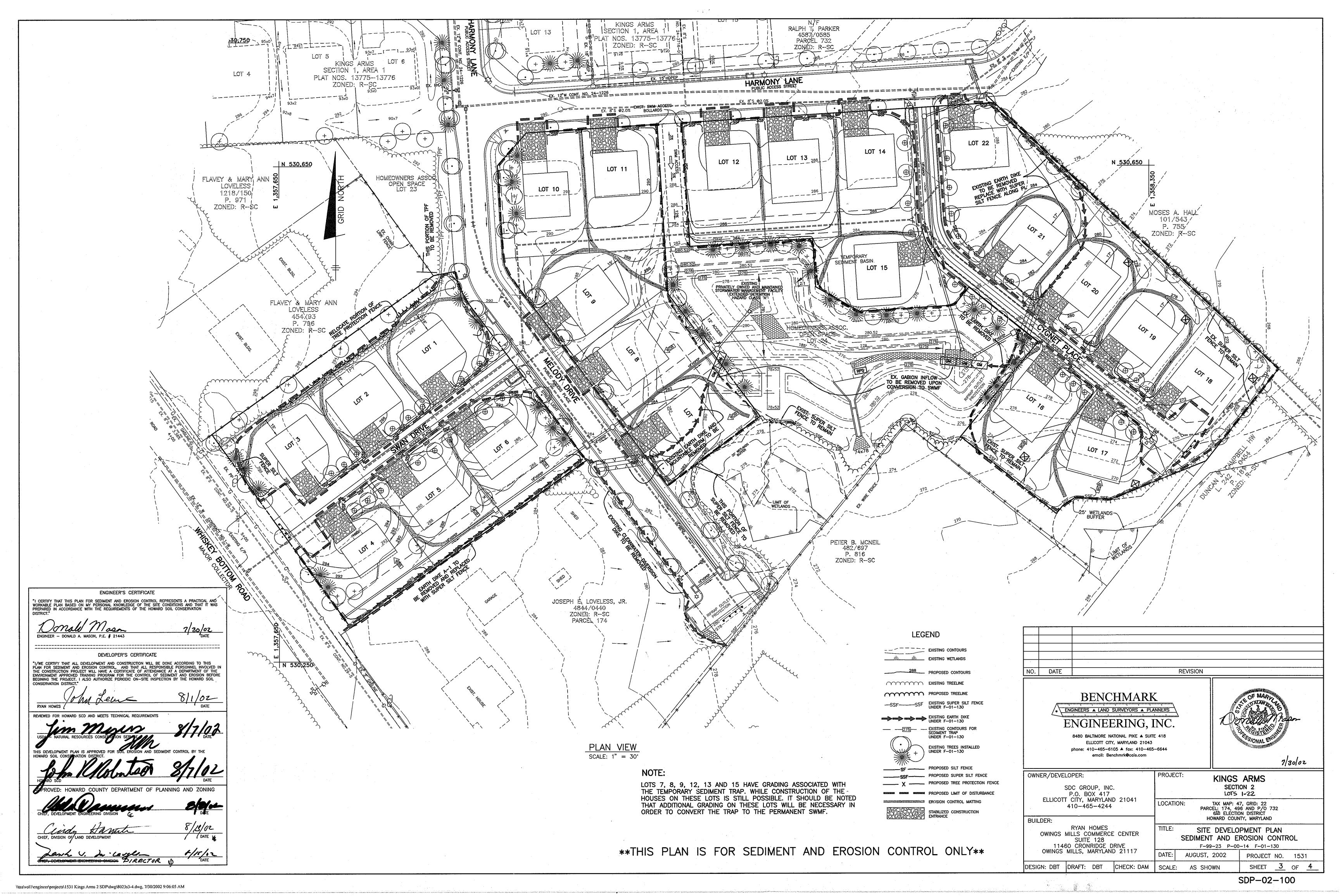
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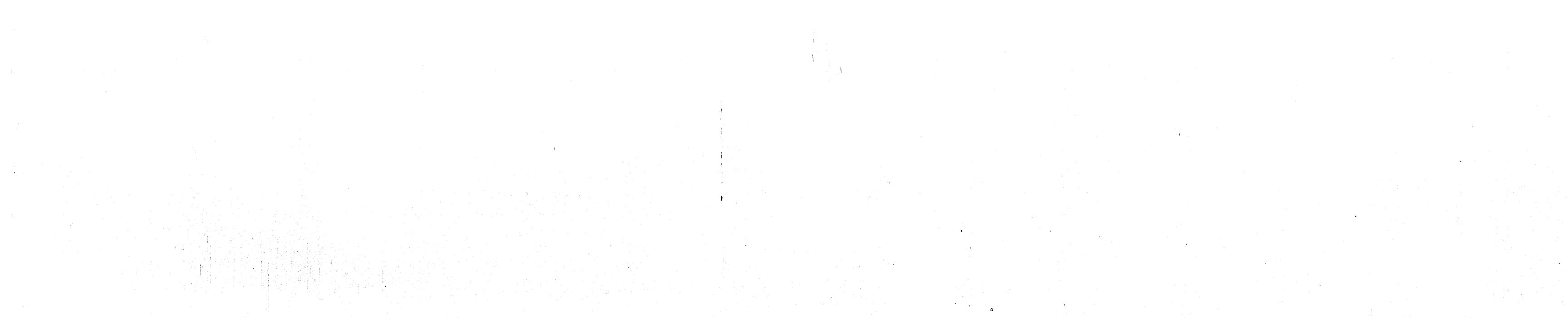
SDP-02-100

SHEET <u>1</u> OF <u>4</u>

\\tsa\vol1\engineer\projects\1531 Kings Arms 2 SDP\dwg\8009s1.dwg, 7/30/2002 8:49:09 AM







SEDIMENT CONTROL NOTES

A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313—1850).

ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL", REVISIONS THERETO. 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.

ABOVE IN ACCORDANCE WITH THE 1994 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.

3.48 ACRES TOTAL AREA OF SITE (THIS SUBMISSION) 3.15 ACRES AREA TO BE ROOFED OR PAVED ______ ACRES AREA TO BE VEGETATIVELY STABILIZED ____5,027___c_Y 4,668

OFFSITE WASTE/BORROW AREA LOCATION *IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY THE SPOIL/BORROW SITE AND NOTIFY AND GAIN APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR OF THE SITE AND ITS GRADING PERMIT NUMBER AT THE TIME OD CONSTRUCTION.

ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

IO. 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.

TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

PERMANENT SEEDBED PREPARATIONS

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 TEST RECOMMENDATIONS, USE ON OF THE FOLLOWING SCHEDULES:

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

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)

15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF 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 THROUGH FEBRUARY 28, PROTECT SITE 8Y: OPTION (1) 2 TONS PER ACRE OF WELL ANCHCRED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING.

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

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

TOPSOIL SPECIFICATIONS

Topsoil salvaged from the existing site may be used provided that it meets that standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA—SCS in cooperation with Maryland Agricultural Experimental Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following: Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1-1/2" in diameter.

Topsoil must be free of plants or plant parts such as Bermuda grass, quack grass, Johnson grass, nutsedge, poison ivy, thistle, or others as specified.

iii. Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization — Section 1 — Vegetative Stabilization Methods and Materials.

IV. For sites having disturbed areas over 5 acres:

On soil meeting Topsoil specifications, obtain test results dictating fertilizer and time amendments required to bring the soil into compliance with the following:

a. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates
a pH of less than 6.0, sufficient time shall be prescribed to raise the pH to
6.5 or higher.

b. Organic content or topsoil shall be not less than 1.5 percent by weight.

 Topsoil having soluble salt content greater than 500 parts per million shall not be used. d. No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto-toxic materials.

Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil

Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization — Section I — Vegetative Stabilization Methods and Materials.

Topsoil Application

When topsoiling, maintain needed erosion and sediment control practices such as diversions, grade stabilization structures, earth dikes, slope silt fence and sediment traps and basins.

ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" — 8" higher in elevation.

iii. Topsoil shall be uniformly distributed in a 4" — 8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.

iv. Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

VI. Alternative for Permanent Seeding — Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

Composted Sludge Material for use as a soil conditioner for sites having distributed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:

Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.

Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. It compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.

iv. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate. References: Guidelines Specifications, Soil Preparation and Sodding. MD-VA, Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes, Revised 1973.

TEMPORARY SEEDBED PREPARATIONS

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 ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT). SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH 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 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 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEQUENCE OF CONSTRUCTION

NOTIFY SEDIMENT CONTROL DIVISION 48 HOURS PRIOR TO START OF CONSTRUCTION DAY 1 1.) OBTAIN GRADING PERMI

DAY 2-8
2.) INSTALL SEDIMENT CONTROLS THAT ARE NOTEL TO BE INSTALLED UNDER THIS SDP.
THE EXISTING CONTROLS THAT WERE INSTALLE) UNDER F-01-130 THAT ARE
TO REMAIN SHALL BE INSPECTED AND/OR MODIFIED AS SHOWN ON THESE PLANS
TO ENSURE THEY MEET COMPLIANCE WITH SPECIFICATIONS. ANY REMAINING CONTROLS
INSTALLED UNDER F-01-130 THAT WILL NOT BE UTILIZED UNDER THIS SDP SHALL
BE REMOVED BY THE DEVELOPER.

DAY 9-12* 3.) EXCAVATE FOR FOUNDATIONS, ROUGH GRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES.

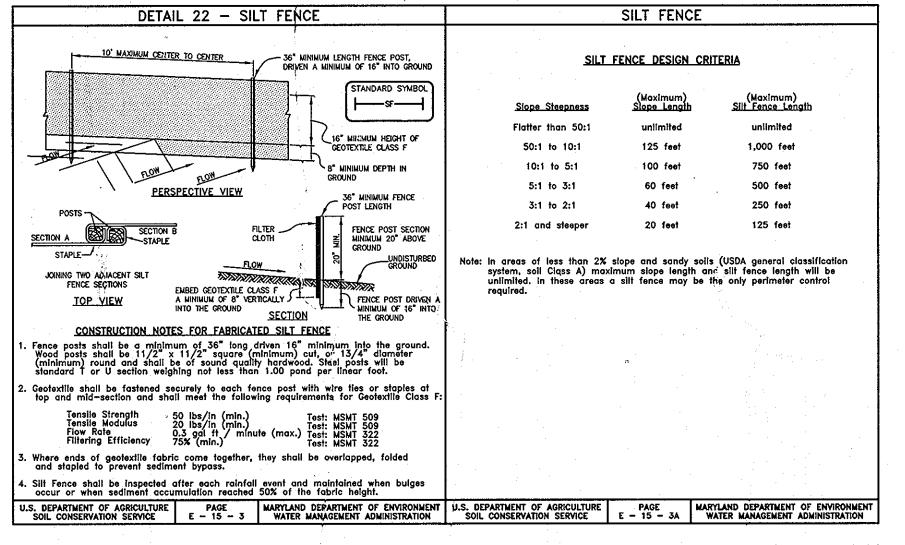
DAY 13-82 4.) CONSTRUCT HOUSES, BACKFILL AND CONSTRUCT DRIVEWAYS.

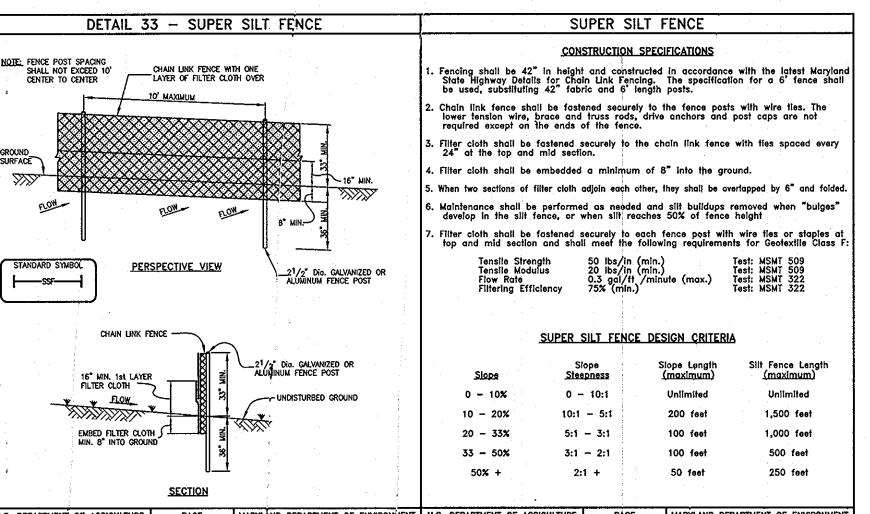
5.) FINAL GRADE AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDBED NOTES

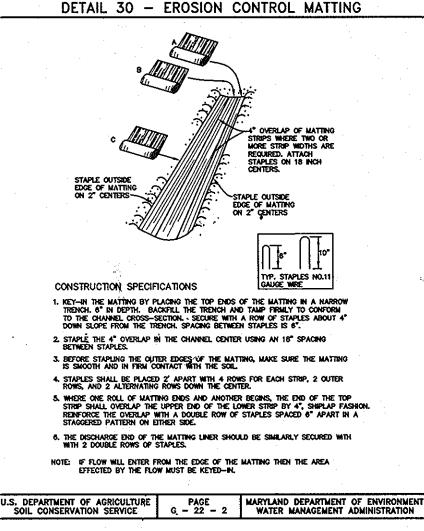
DAY 88-91 6.) WITH THE APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE ANY REMAINING DITURBED * - INDICATES SINGLE HOUSE CONSTRUCTION.

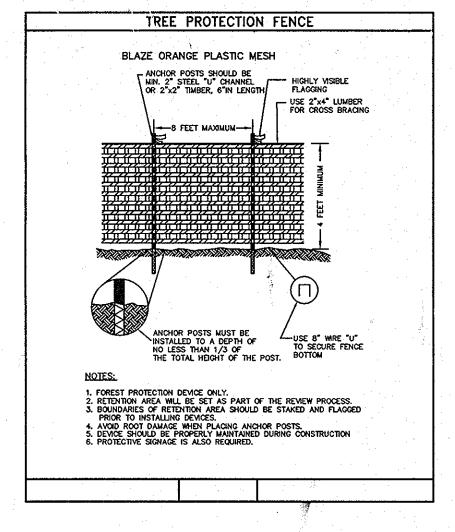
NOTE: 1. SEDIMENT CONTROL LOCATION AND IMPLEMENTATION SHOWN ON THESE PLANS IS SUBJECT TO REVISION IN THE FIELD AT THE DISCRETION OF THE

2. EROSION CONTROL MATTING SHALL BE PLACED IN SWALES WHERE DEEMED NECESSARY UNTIL VEGETATION IS ESTABLISHED OR SOLID SOD SHOULD BE USED.









DETAIL 1 — EARTH DIKE

GRADE 0.5% MIN. 10% MAX.

d FLOW

CROSS SECTION

1----

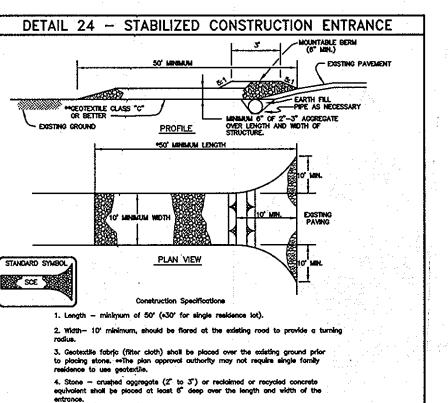
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PLAN VIEW

NOT TO SCALE

→-/->-

6-DIKE WIDTH 6-FLOW WIDTH d-FLOW DEPTH



has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6° minimum will be required.

Location — A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction sits. Vehicles leaving the sits must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMEN SOIL CONSERVATION SERVICE F - 17 - 3 WATER MANAGEMENT ADMINISTRATION

. Seed and cover with straw mulch.

Seed and cover with Erosion Control Matting or line with sod.

4" — 7" stone or recycled concrete equivalent pressed into the soil 7" minimum. All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity. All trees, brush, stumps, obstructions, and other objectional material shall be rem and disposed of so as not to interfere with the proper functioning of the dike. 5. Surface Water — all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mounted berm with 51 slopes and a minimum of 6° of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high epot and

GRADE UNE-

5. The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow. Fill shall be compacted by earth moving equipment. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.

8. Inspection and maintenance must be provided periodically and after each rain event.

