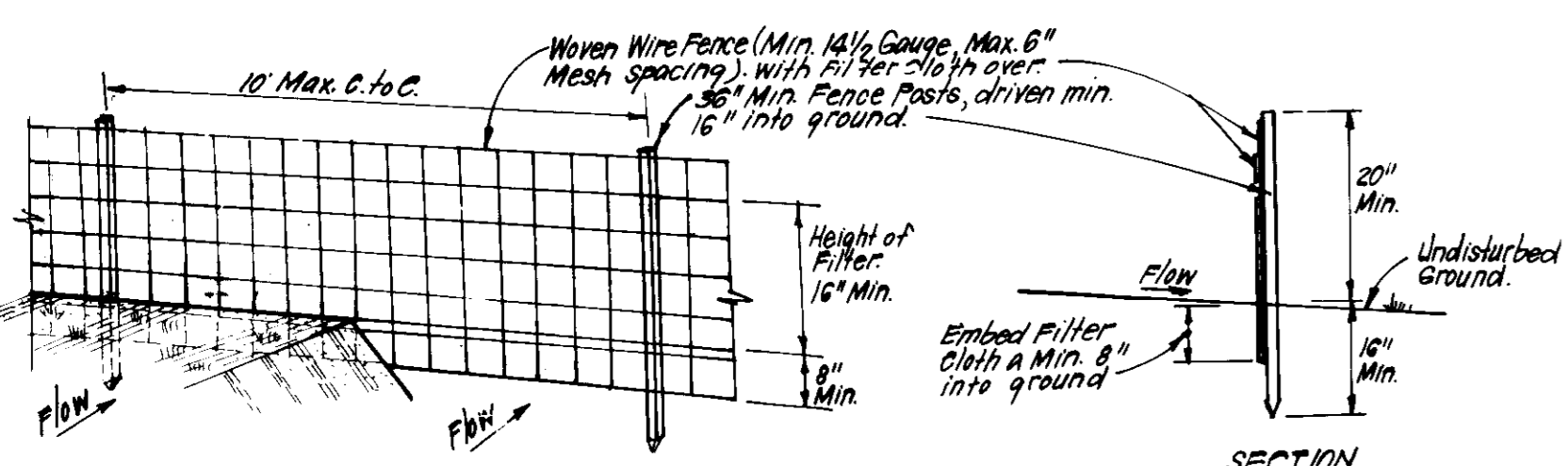


- CONSTRUCTION SPECIFICATIONS:**
- Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
 - Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
 - Bales shall be securely anchored in place by either 2 stakes or re-bars driven thru the bale. The 1st stake in each bale shall be driven where the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bale.
 - Inspection shall be frequent and repair/replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

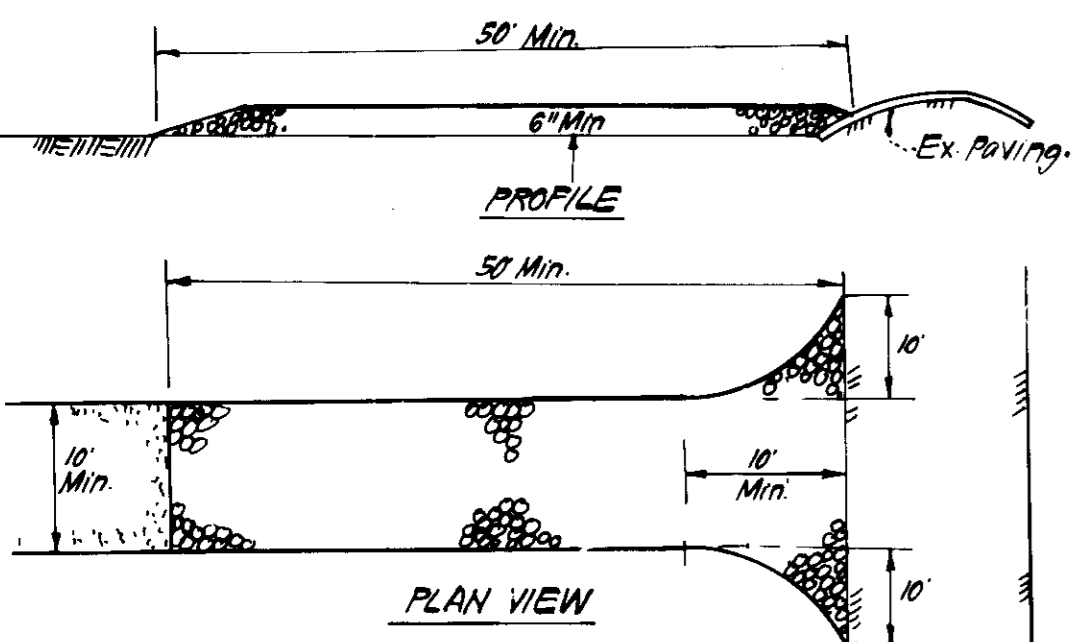
STRAW BALE DIKE DETAIL (SBD)
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to woven wire fence with ties spaced every 30" at top and mid section.
 - When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and fastened.
 - Maintenance shall be performed as needed and material removed when "mudpiles" develop in silt fence.

POSTS: Steel, either T or U Type or 2" Hardwood.
FENCE: Woven Wire, 1 1/2 Gauge, 6" Max. Mesh Opening.
FILTER CLOTH: Filter, Min. 100 Mesh, 1/4" or approx. equal.
PREFABRICATED UNIT: Geotext, Envirothane, or approx. equal.

SILT FENCE DETAIL (S)
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a slope/residence lot where a 30 min. length would apply).
 - Thickness - Not less than 6".
 - Width - Ten foot min, but not less than the full width at point where ingress occurs occur.
 - Filter Cloth - Will be placed over the entire area prior to laying of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance.
 - 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/replacement or any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights of way must be removed immediately.
 - 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.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
NO SCALE

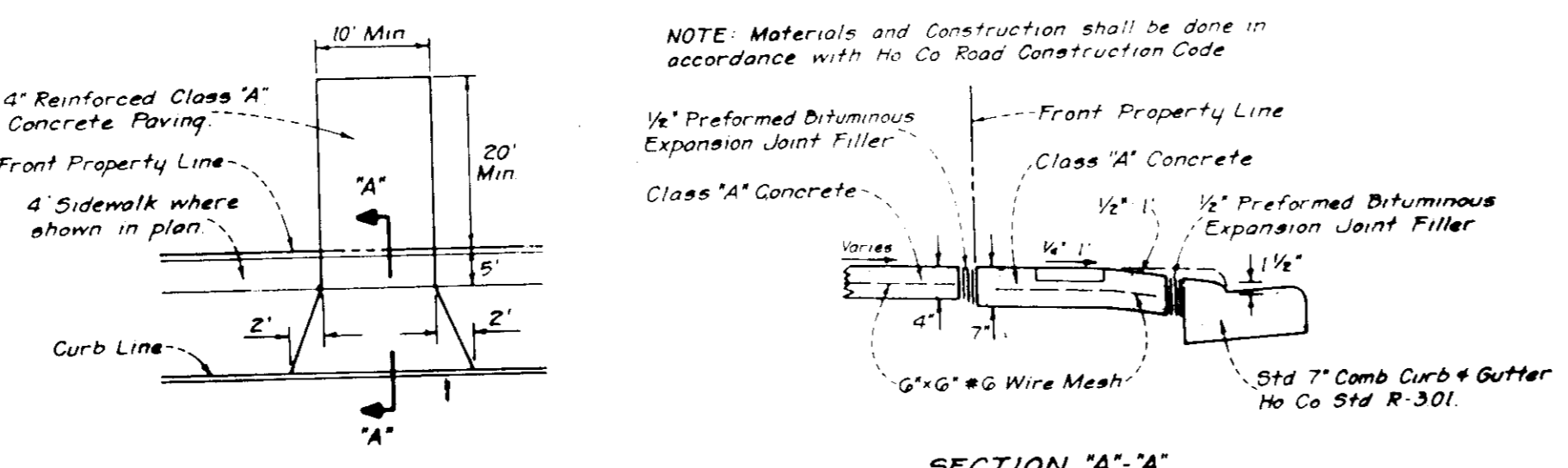
SEDIMENT CONTROL NOTES

- 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)
- 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.
- Following initial soil disturbance or redistribution, 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.
- 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 EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 50) and (Sec. 51) sod (Sec. 54), temporary stabilization with mulch (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding rates 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.
- Site Analysis:

Total Area of Site	0.5779 Acres
Area Disturbed	0.3839 Acres
Area to be roofed or paved	0.1728 Acres
Area to be vegetatively stabilized	0.2615 Acres
Total Cut	478 Cu. yds
Total Fill	306 Cu. yds
Offsite waste/borrow area location	N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- 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.
- If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below). N/A
- The total amount of straw bale dikes/silt fence equals 180 L.F.

CONSTRUCTION SEQUENCE:

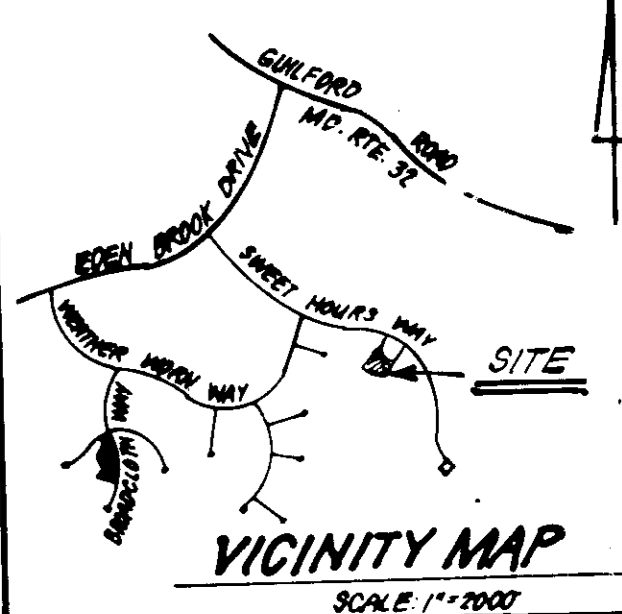
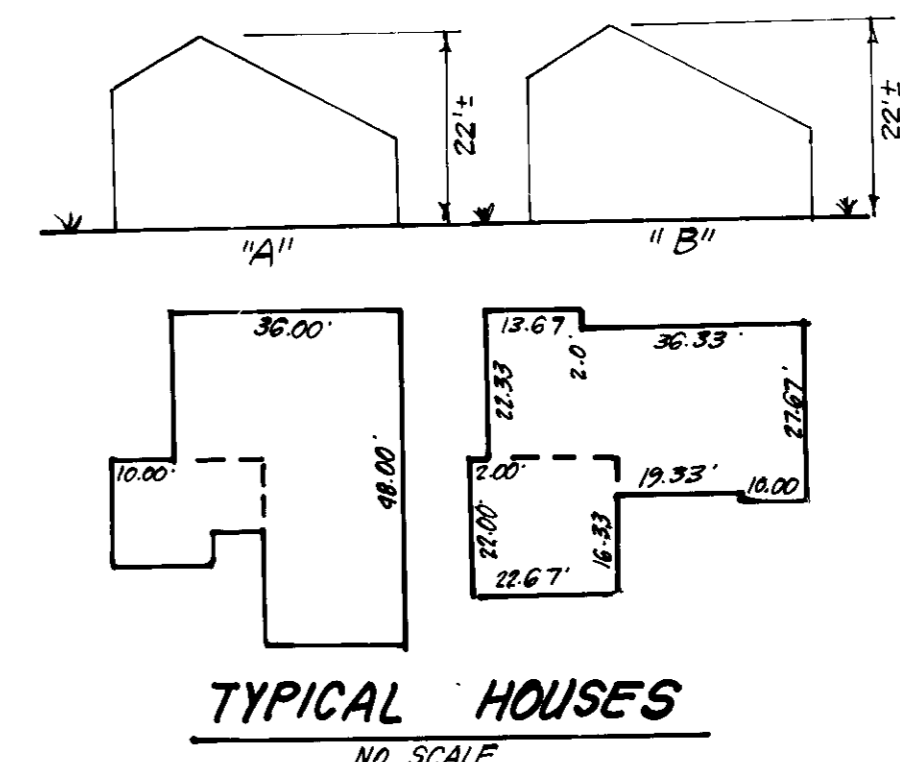
- Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
- Excavate for foundations and Rough Grade.
- Construct Structures, Sidewalks and Driveways.
- Final Grade and stabilize in accordance with Stds. & Specs.
- Upon approval of the sediment control inspector remove sediment and erosion controls and stabilize.



DRIVEWAY ABUTTING STD. 7" COMB CURB & GUTTER
No Scale

PERMANENT SEEDING NOTES

- Apply to graded or cleared areas 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 schedules:
- Prefarred - 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).
 - 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.

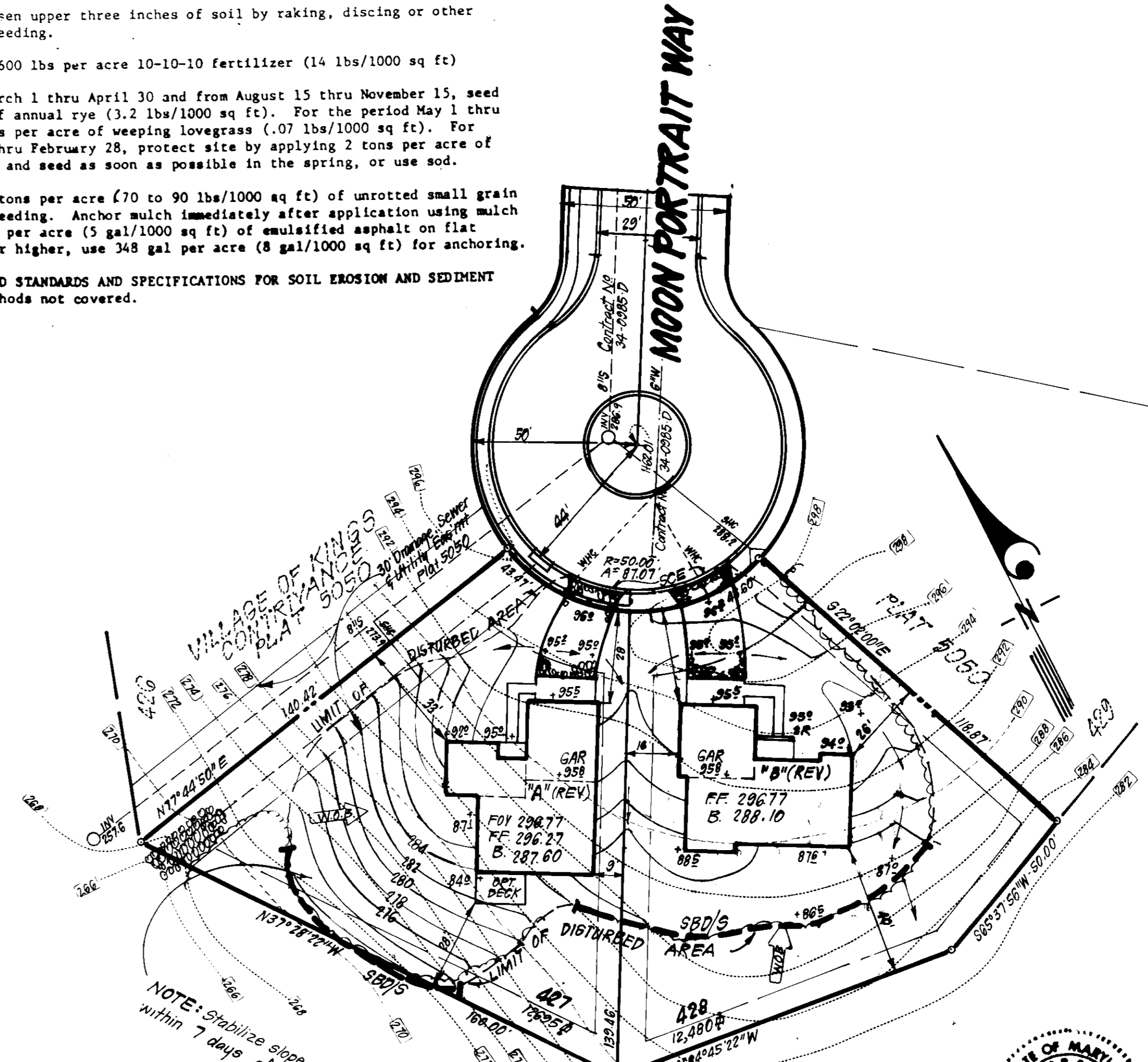


LEGEND:

- Contour Interval 2' F
- Existing Contour 1" = 10'
- Proposed Contour 1" = 10'
- Spot Elevation 1.75'
- Direction of Drainage
- Existing Trees to be Saved
- Walk Out Basement
- Straw Bale Dike or Silt Fence SBD/S
- Stabilized Construction Entrance SCE

GENERAL NOTES:

- The land included in this plan is zoned New Town (SFMD)
- The lots shown are covered by Final Development Plan Phase 178, Part II #42.
- All coordinates are based on Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinate System.
- The area covered is located on Tax Maps 41 & 42.
- The total area of this plan is: 0.5779 Acres
- All roadways are public and existing.
- Any damage to county owned rights of way or paving shall be corrected at the developer's expense.
- Total number of Lots=2
- Storm Water Management provided for in central facility in Village of Kings Contrivance 2/3 Phase II, approved plans F-80-36c.



LOT	ADDRESS CHART
427	7638 Moon Portrait Way
428	7639 Moon Portrait Way

SUBDIVISION NAME	SEC./AREA	LOT/PARCEL#			
CL. VOKC - PHASE II	2/3 (11)	427 & 428			
PLAT	BLOCK	SECTION	TAX MAP	ELEC. DIST.	GEN. DIST.
S050	WEN TOWN	S.C.M.2	41 & 42	674	
WATER CODE	SEWER CODE				
E16	634-0060				

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE
 DATE: 10-16-85
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE: 10-21-85
 APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE: 10-18-85
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE: 10-10-85
 CHIEF BUREAU OF ENGINEERING

DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 HOWARD COUNTY
 DATE: 10-1-85

Reviewed for... Howard S.E.L. Name
 and meets Technical Requirements
 Signature: [Signature]
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY INSPECTION DISTRICT
 Signature: [Signature]
 Approved: [Signature] Date: 10/1/85

DEVELOPER'S/BUILDER'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 Dept. 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 deemed necessary."
 Signature of Developer/Builder: Robert C. Goodier
 Date: 8-28-85

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: [Signature]
 Date: 8-27-85

CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 583-3400
 DESIGNED: GLB, BAF
 DRAWN: K/W
 CHECKED: GLB, BAF
 DATE: 8-27-85
SITE DEVELOPMENT PLANE SEDIMENT & EROSION CONTROL PLAN
 LOTS 427 AND 428
COLUMBIA
 VILLAGE OF KINGS CONTRIVANCE SECTION 2, AREA 3, PHASE II
 CITY ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 FOR: GOODIER BUILDERS, INC., P.C. 133 Deep Dale Drive Timonium Md. 21093
 SCALE: 1"=30'
 DRAWING: 10 of 1
 JOB NO.: 85-018
 FILE NO.: 85-018-X
 SDP. 86-51c