GENERAL NOTES ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS: BELL ATLANTIC JELEPHONE COMPANY: 725-9976 HOWARD COUNTY BUREAU OF UTILITIES: AT&T CABLE LOCATION DIVISION: 393-3553 B.G.&E. CO. CONTRACTOR SERVICES: B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620 STATE HIGHWAY ADMINISTRATION: 4. SITE ANALYSIS: AREA OF SITE: 4.0041 AC AREA OF SUBMISSION: 2.3 AC PRESENT ZONING: R-12 LIMIT OF DISTURBANCE: 2.3 AC PROPOSED USE OF SITE: SINGLE FAMILY DWELLINGS TOTAL NUMBER OF UNITS: 10 PROJECT BACKGROUND: LOCATION: TAX MAP: 36 PARCEL: 265, BLOCK 11 ZONING: R-12 SUBDIVISION: SEWELL'S GLEN, DPZ REFERENCES: P-99-10, WP-98-132, S-98-12, F-99-143 THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK. ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLEY FOR THE PURPOSE OF CALCULATING FEES. SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOILS TEST. STORMWATER MANAGEMENT TO BE PROVIDED BY AN EXTENDED DETENTION FACILITY. THIS FACILITY IS PRIVATELY OWNED AND JOINTLY MAINTAINED BY THE H.O.A. AND HOWARD COUNTY. APPROVED UNDER F-99-143. COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY MONUMENTS EXISTING TOPOGRAPHY IS BASED ON PLANS PREPARED BY A FIELD SURVEY PREPARED BY VOGEL & ASSOC. DATED SEPTEMBER, 1998. WATER AND SEWER CONTRACT NO. 24-3677-D FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$15,600.00. APPROVED UNDER F-99-143

8. NO CONSTRUCTION OR GRADING IS PERMITTED WITHIN STREAMS OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS. 19. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR 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 OR REAR YARD

7. A FOREST CONSERVATION EASEMENT HAS BEEN PROVIDED WITHIN OPEN SPACE LOT 11. APPROVED UNDER F-99-143

20. OPEN SPACE LOT 11 IS OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION.

21. THE USE-IN-COMMON MAINTENANCE AGREEMENT FOR LOTS 5,6 &7 IS RECORDED IN L. 5037 F. 199

22. THE USE-IN-COMMON MAINTENANCE AGREEMENT FOR LOTS 2 & 3 IS RECORDED IN L.5037 F. 194

23. NO WETLANDS OCCUR ON THIS SITE.

24. EXISTING WELL AND SEPTIC TO BE PROPERLY ABANDONED AFTER PUBLIC WATER AND SEWER CONNECTIONS ARE MADE AND WITHIN 90 DAYS FROM SDP SIGNATURE.

25. FOR COMMON DRIVEWAY NOTES & PAVEMENT DETAIL SEE F-99-143. PLAT NO. 14146 3/15/2000

DRIVEWAY (5) SHALL BE CONSTRUCTED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:

A) WIDTH - 14 FEET

B) SURFACE-GINCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.

C) GEOMETRY-MANNING 15% GRADE, MAXIMUIO% GRADE "CHANGE AND 45 FOOT TURING RADIUS: D) STRUCTURS (BRIDGES / CULVERTS) - CAPABLE OF SUPPORTING 25 GROSS TONS (H-25-LOADING)

E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING LOOYEAR FLOOD WITH HO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;

Cover Sheet

SIGNATURE OF ENGINEER

ROBERT H. VOGEL

DETAILS

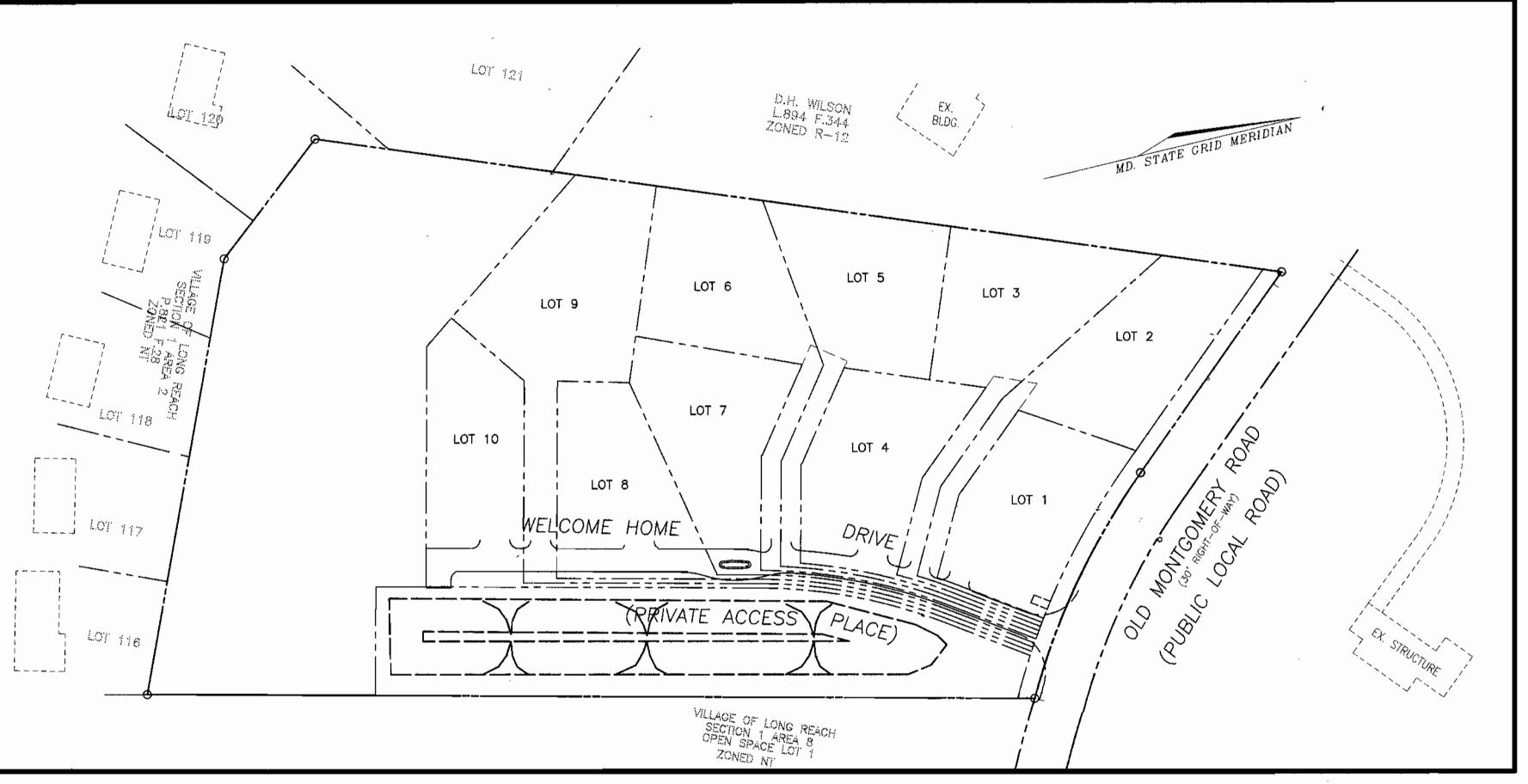
F) STRUCTURE CLEARANCES - MINIMUM IZ FEET;

G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE

SITE DEVELOPMENT PLAN SEWELL'S GLEN

LOTS 1 - 10

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



PLAN SCALE: 1"=50

SHEET INDEX PARCEL NUMBER SUBDIVISION NAME SECTION/AREA DESCRIPTION SHEET NO. N/A SEWELL'S GLEN 265 OWNER/DEVELOPER AX MAP ELECT. DIST. CENSUS TR 1 of 3 PLAT NO. BLOCK NO. ZONE 6TH ELECTION DISTRICT SITE DEVELOPMENT PLAN, GRADING, SEDIMENT CONTROL PLAN 2 of 3 TBI HOMES 14146-14147 6066.02 7320 GRACE DRIVE COLUMBIA, 21044 3 of 3 WATER CODE : E04 SEWER CODE : 5333700 (410) 730-3137 APPROVED: HOWARD COUNTY DEPARTMENT OF ENGINEERS CERTIFICATE DEVELOPER'S CERTIFICATE PLANNING AND ZONING "I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND "I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A ONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT ITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

HOWARD COUNTY GEODETIC CONTROL STATION: SM16 N 562339.792 E 1360762.462 SM17 N 562691 342 E 1360139 606

VICINITY MAP SCALE: 1"=2000'

ADDRESS CHART OT NO. ADDRESS 6204 WELCOME HOME DRIVE 6208 WELCOME HOME DRIVE 6212 WELCOME HOME DRIVE 6216 WELCOME HOME DRIVE 6220 WELCOME HOME DRIVE 6224 WELCOME HOME DRIVE 6228 WELCOME HOME DRIVE 6232 WELCOME HOME DRIVE 6236 WELCOME HOME DRIVE 6240 WELCOME HOME DRIVE 10

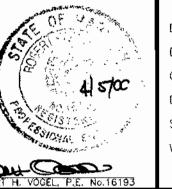
COVER SHEET SEWELL'S GLEN LOTS 1 - 10

PARCEL 265, PLAT #14146-14147 TAX MAP #36 BLOCK NO. 11

HOWARD COUNTY, MARYLAND

SHEET __ OF _

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043 Tel 410.461.5828 Fax 410.465.3966



DESIGN BY: DRAWN BY: CHECKED BY: RHV As Shown SCALE: 99-151 W.O. NO.:

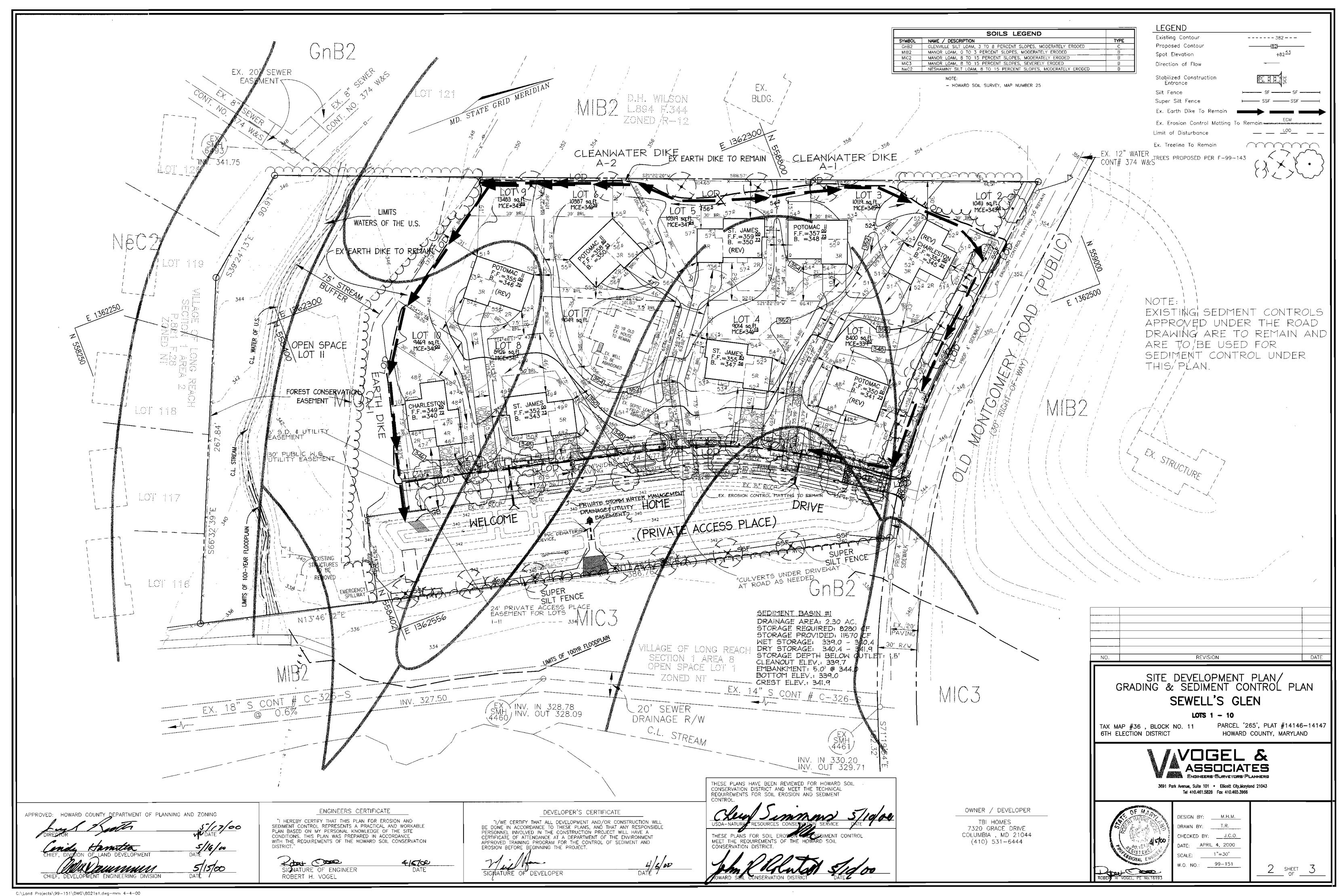
THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL

CONSERVATION DISTRICT AND MEET THE TECHNICAL

REQUIREMENTS FOR SOIL

EROSION AND SEDIMENT CONTROL

EROSION AND SEDIMENT CONTROL MEET



TEMPORARY SEEDING

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 Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 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 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 gal. per acre (5 gal./1000 sq. (t.) of emulsified asphalt on flat areas. On slopes 8 feet 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.

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 3 inches of soil by raking, discing, or other acceptable means before seeding, if not previously loosened. Soil Amendments: Use one of the following schedules:

1) 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 3 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./1000sq. 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 60lbs. 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. 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 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. per agre Kentucky 31 Tall Fescue, and mulch with 2 tons per acre well anchored straw. Mulching: Apply 1 1/2 to 2 tons per acre (70-90 lbs./1000 sq. ft.) of un-rotted small grain straw immediately after seeding. Anchor mulch immediately ofter application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq. ft.)of emulcified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 ggl./1000 sq. ft.) for anchoring.

Maintenance: Inspect all seeded areas, and make needed repairs, replacements, and reseedings.

SEDIMENT CONTROL NOTES

A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of

- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and 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 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall 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

Area Disturbed	2.3 Acres
Area to be roofed or paved	0.8 Acres
Area to be vegetatively stabilized	1.5 Acres
Total Cut.	3300 - CY
Total Fill	900 - CY
Offsite waste/borrow area location	*

- 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 controls must be provided, if deemed necessary by the Howard County 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
- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter. To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit

SEQUENCE OF CONSTRUCTION . Obtain aradina permit.

- Notify Howard County Bureau Of Inspections and Permits (313-1880) at least 24 hours before starting any work.
 Construct Stabilized Construction Entrances
- 4 Install silt fence, super silt fence and erosion control matting. Utilize existing sediment controls installed under road drawing -99-143 where possible Repair or replace existing controls as necessary for adequate function.
- Rough grade site. 6. Construct house. The first floor elevation cannot be more than ! higher or 0.2' lower than the elevations shown on
- 7. Final lot grade to be in substantial conformance with site
- 8. During grading and after each rainfall, the contractor shall inspect and provide the necessary maintenance
- 9. Following initial soil disturbance or redisturbance permanent or temporary stabilization shall be complied A. 7 calendar days for all perimeter sediment control B. 14 calendar days for all other disturbed areas. structures, dikes, swales, ditch perimeter slopes slopes and all slopes greater than 3:1.
- 10. Upon stabilization of all disturbed areas and with the approval of the sediment control inspector, remove all sediment control devices. Flush storm drain system and convert Existing Sediment Basin No.1 to Permanent Stormwater Management Facility No. 1 as shown under F-99-75.

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

DefinitionPlacement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil aradation

Conditions Where Practice Applies

1. This practice is limited to areas having 2:1 or flatter a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth. b The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients. c. The original soil to be vegetated contains material toxic to plant growth.

d. The soil is so acidic that treatment with limestone is not feasible. 11. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

Topsoil salvaged from the existing site may be used provided that it meets the 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:

i. Topsoil shall be a loarn, sandy loarn, clay loarn, silt loarn, sandy clay loarn, loarny sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, stag, coarse fragments, gravel, sticks, roots, trash, or other materials larger that I and 1/2" in diameter. Topsoil must be free of plants or plant parts such

as Bermuda grass, quackgrass, Johnsongrass, 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.

II. For sites having disturbed areas under 5 acres. i. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization -Section I - Vegetative Stabilization Methods and Materials

- For sites having disturbed areas over 5 acres: i. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following: a. pH for topsoil shall be between 6.0 and 7.5 I
- the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.

 b. Organic content of 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 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.

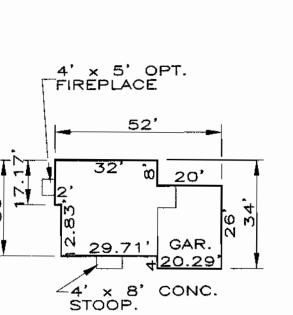
Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of

ii. Place topsoil (if required) and apply soil ammendments specified in 20.0 Vegetative Stabilization-Section I-Vegetative Stabilization Methods and Materials.

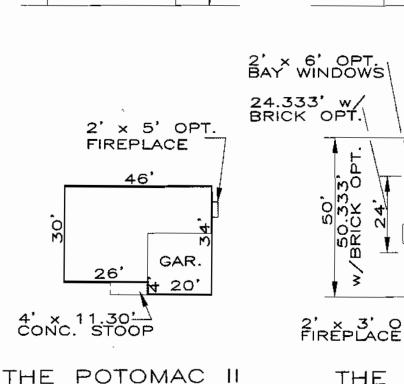
i. When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade

Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Trops and Basins. ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.

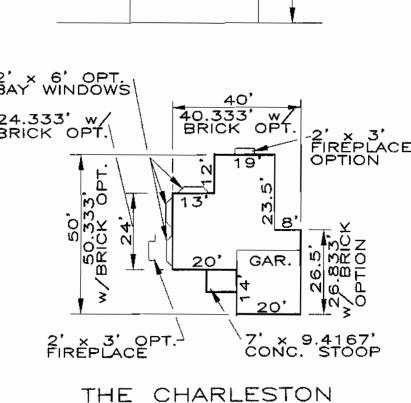
i. Topsoil shall be uniformly distributed in a 4" -8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets. iv. Topsoil shall not be place 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.



THE ST. JAMES



14.0



SLOPE: 3.0% MAX

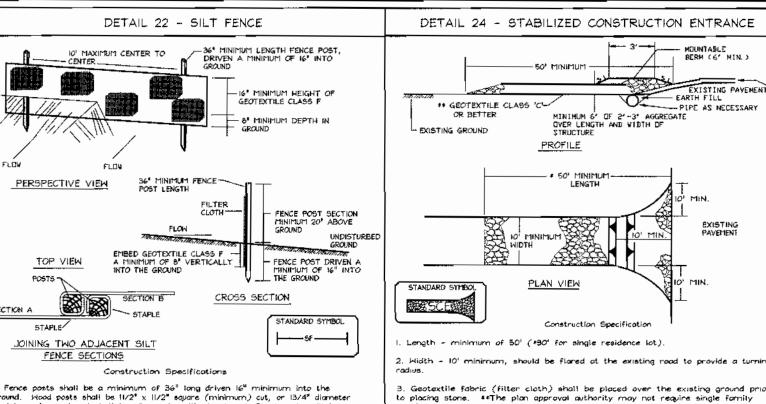
Howard County Standard Detail R 201

Type P-1 Pavement Section

USE-IN-COMMON DRIVE

NOT TO SCALE

TYPICAL-SECTION



.I" BIT, CONC SURFACE

A"GRADED AGGREGATE

でBIT COHC 1345円

BASE (GAB)

GRAHULAR BASE ALTERNATES

ground. Mood posts shall be $11/2^* \times 11/2^*$ square (minimum) cut, or $13/4^*$ diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pand per linear foot, . Geotextile shall be fastened securely to each fence post with wire ties 20 lbs/in (min.) Tensile Modulus 0.3 gal ft / minute (max.) Test MSMT 322 Filtering Efficiency 75% (min.) . Where ends of geotextile fabric come together, they shall be overlapped

4. Silt Fence shall be inspected after each rainfall event and maintained when

P-I PAVING SECTION

N.T.S.

LIBIT. CONG. SURFACE

- 4" BIT COHC BASE

FULL DEPTH BIT. CONC.

ALTERNATE

butaes occur or when sediment accumulation reached 50% of the fabric height.

. Geotextile fabric (filter cloth) shall be placed over the existing ground prior o placing stone. **The plan approval authority may not require single family esidences to use geotextile. 4. Stone – crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance. 5. Surface Mater – 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 mountable 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 spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized occording to the amount of runoff to be conveyed. A 6" minimum will be required, where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrans U.S DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT U.S DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE 5: - 15 - 3 HATER MANAGEMENT ADMINISTRATION SOIL CONSERVATION SERVICE

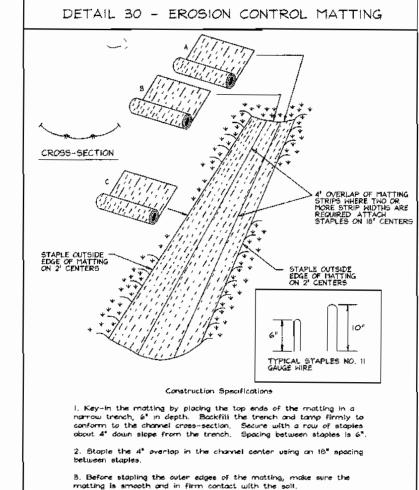
OR ALUMINUM POSTS L 8, HINIMAH CHAIN LINK FENCING-FLOV -____ FILTER CLDIH-4 MINIMUM EMBED FILTER CLOTH 8'---FIF MULTIPLE LAYERS ARE REQUIRED TO ATTAIN 42 . Fencing shall be 42' in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42' fabric and 6' length . Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence. 3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24° at the top and mid section. . Filter cloth shall be embedded a minimum of 9' into the ground 5. When two sections of filter cloth adjoin each other, they shall be overlapped . Maintenance should be performed as needed and suit buildups renoved when "buildes Filter cloth shall be fastened securely to each fence post with wire ties or topies at top and mid section and shall meet the following requirements for Tensile Modulus 20 lbs/in (min.) D. 3 gal/ft*/minute (max.)

DETAIL 33 - SUPER SILT FENCE

10' HAXIMUM

36' MINIMUM

NOTE: FENCE POST SPACING SHALL NOT EXCEED I CENTER TO CENTER



4. Stables shall be placed 2' apart with 4 rows for each strip, 2

5. Where one roll of matting ends and another begins, the end of

secured with 2 double rows of staples,

affected by the flow must be keyed-in.

shiplap fashion. Reinforce the overlap with a double row of staples

Note: If flow will enter from the edge of the matting then the area

U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT SOIL CONSERVATION SERVICE H - 26 - 3 WATER MANAGEMENT ADMINISTRATION

OWNER / DEVELOPER

TBI HOMES 7320 GRACE DRIVE COLUMBIA, MD. 21044 (410) 531 - 6444

ENGINEERS 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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION

41800 SIGNATURE OF ENGINEER DATE ROBERT H. VOGEL

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPMENT ENGINEERING DIVISION

DESIGN BY: __T.R. DRAWN BY: ____T.R._

CHECKED BY: _____J.C.O. DATE: APRIL 4, 2000 AS NOTED 99-151

C:\LAND PROJECTS\99-151\DWG\8029610.DWG MM 4-4-00

REVISION DATE DETAIL SHEET SEWELL'S GLEN LOTS 1 - 10

TAX MAP #36, BLOCK NO. II PARCELS NO. 265

> ∡VOGEL & 3691 Park Avenue, Suite 101 . Ellicott City, Maryland 21043 Tel 410.461.5828 Fax 410.465.3966

HOWARD COUNTY, MARYLAND

SHEET 3

6TH ELECTION DISTRICT