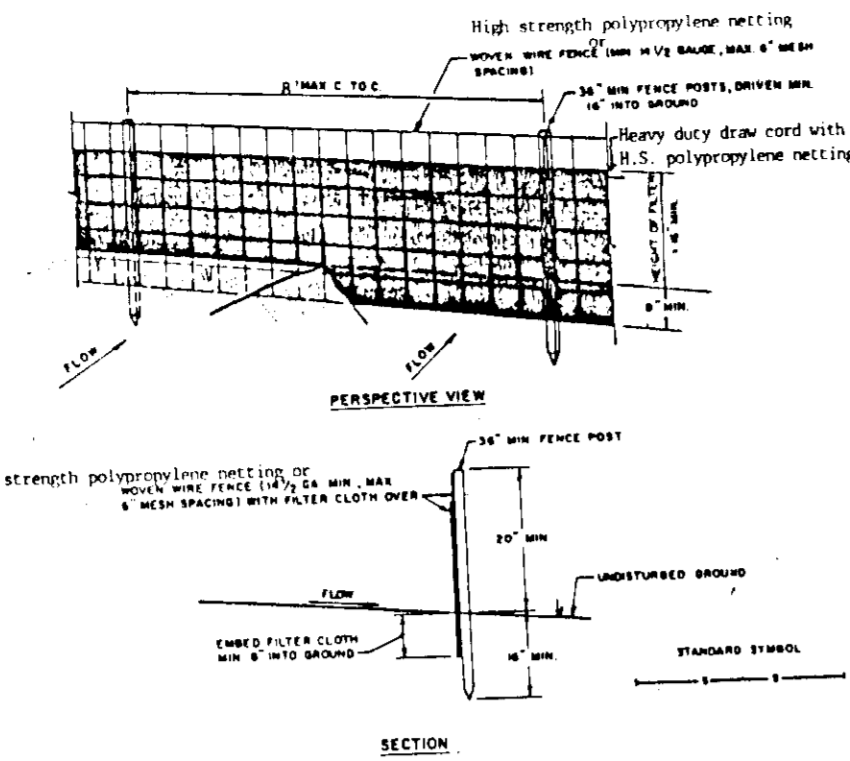
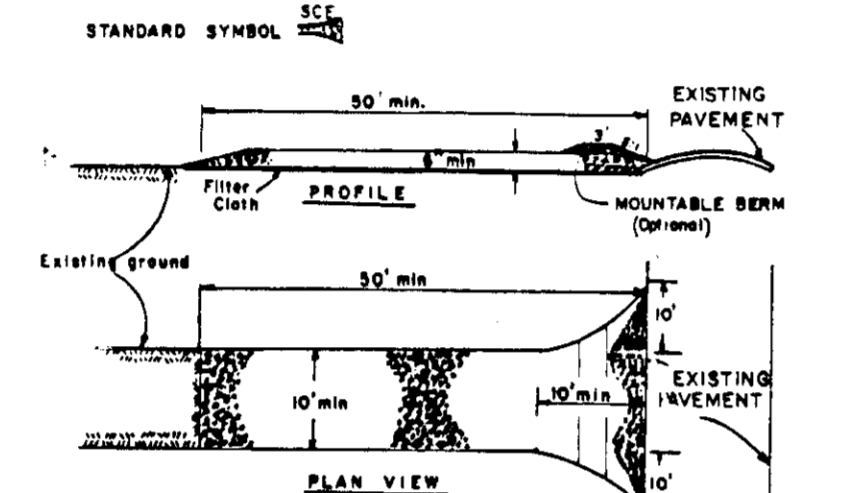


STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits. Sediment control devices must be installed prior to the start of any construction. (311-1858).
- 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 SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, revisions checked.
- Following initial soil disturbances 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 1:1; b) 14 days for 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 Volume 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 seeding (Section 51), sod (Section 54), temporary seeding (Section 50) and mulching (Section 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.
- Site Analysis:
 - Total Area of Site: 0.51 Acres
 - Area Disturbed: 0.25 Acres
 - Area to be Roofed or Paved: 0.00 Acres
 - Area to be Vegetatively Stabilized: 0.26 Acres
 - Total Cut: 706 Cu. Yd.
 - Total Fill: 107 Cu. Yd.
 - Offsite Waste/Borrow Area Location: See Map 4, P. 02-03
- 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 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 control, but before proceeding with any other earth disturbance or grading. Other building or grading inspections 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 of that which can be back filled and stabilized within one working day, whichever is shorter.



- CONSTRUCTION NOTES FOR PREPARED SILT FENCE**
- High strength polypropylene netting to be installed on 2" x 4" posts. Posts to be spaced 10' on center.
 - Filter cloth to be fastened securely to posts with wire ties or staples. Filter cloth to be secured to posts with wire ties or staples every 2' at top and mid section.
 - When two sections of filter cloth abut, each other they shall be overlapped by six inches and folded.
 - Maintenance shall be performed as needed and material removed when it begins to develop in the silt fence.
- POSTS:** STEEL EITHER 2" OR 3" DIA. (1" MIN. (ACTUAL))
FENCE: HIGH STRENGTH POLYPROPYLENE NETTING
FILTER CLOTH: FILTER CLOTH, 12" WIDE, 100% POLYPROPYLENE
PREPARED UNIT: CONCRETE, APPROVED



PERMANENT SEEDING PREPARATION

SEEDING 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 ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 1b/1000 sq ft) AND 400 LBS PER ACRE 10-10-10 FERTILIZER (23 1b/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 1b/1000 sq ft)
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 1b/1000 sq ft) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 1b/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 80 LBS PER ACRE (1.4 1b/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 1b/1000 sq ft) OF KEEPING 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 SOO. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 1b/1000 sq ft) OF UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 9b/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 9b/1000 sq ft) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING PREPARATION

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

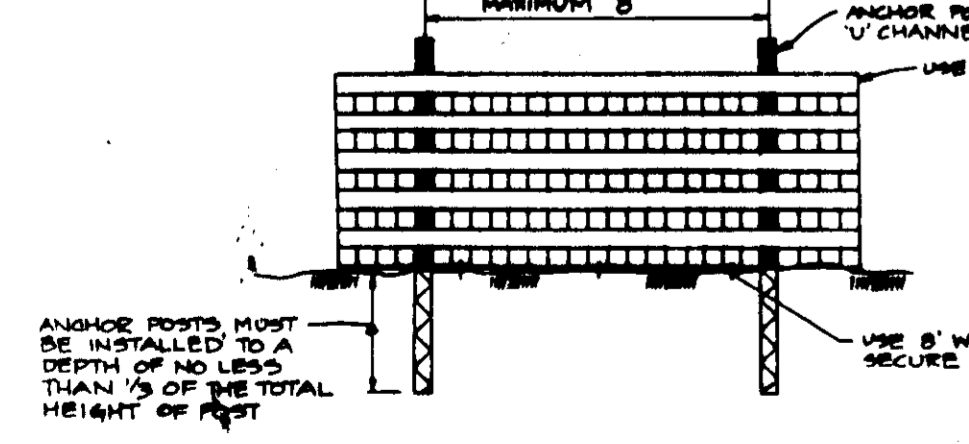
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 500 LBS PER ACRE 10-10-10 FERTILIZER (14 1b/1000 sq ft).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 1b/1000 sq ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LOVEGRASS (.7 1b/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 SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 1b/1000 sq ft) OF UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 9b/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 9b/1000 sq ft) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR DATE AND METHODS NOT COVERED.



- FOREST PROTECTION DEVICE ONLY.
- RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
- BOUNDARIES OF RETENTION AREA SHOULD BE MARKED AND FLAGGED PRIOR TO INSTALLATION.
- ROOT DAMAGE SHOULD BE AVOIDED.
- PROTECTIVE SIGNAGE MAY ALSO BE USED.
- DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

TREE PROTECTION FENCE

SEQUENCE OF CONSTRUCTION

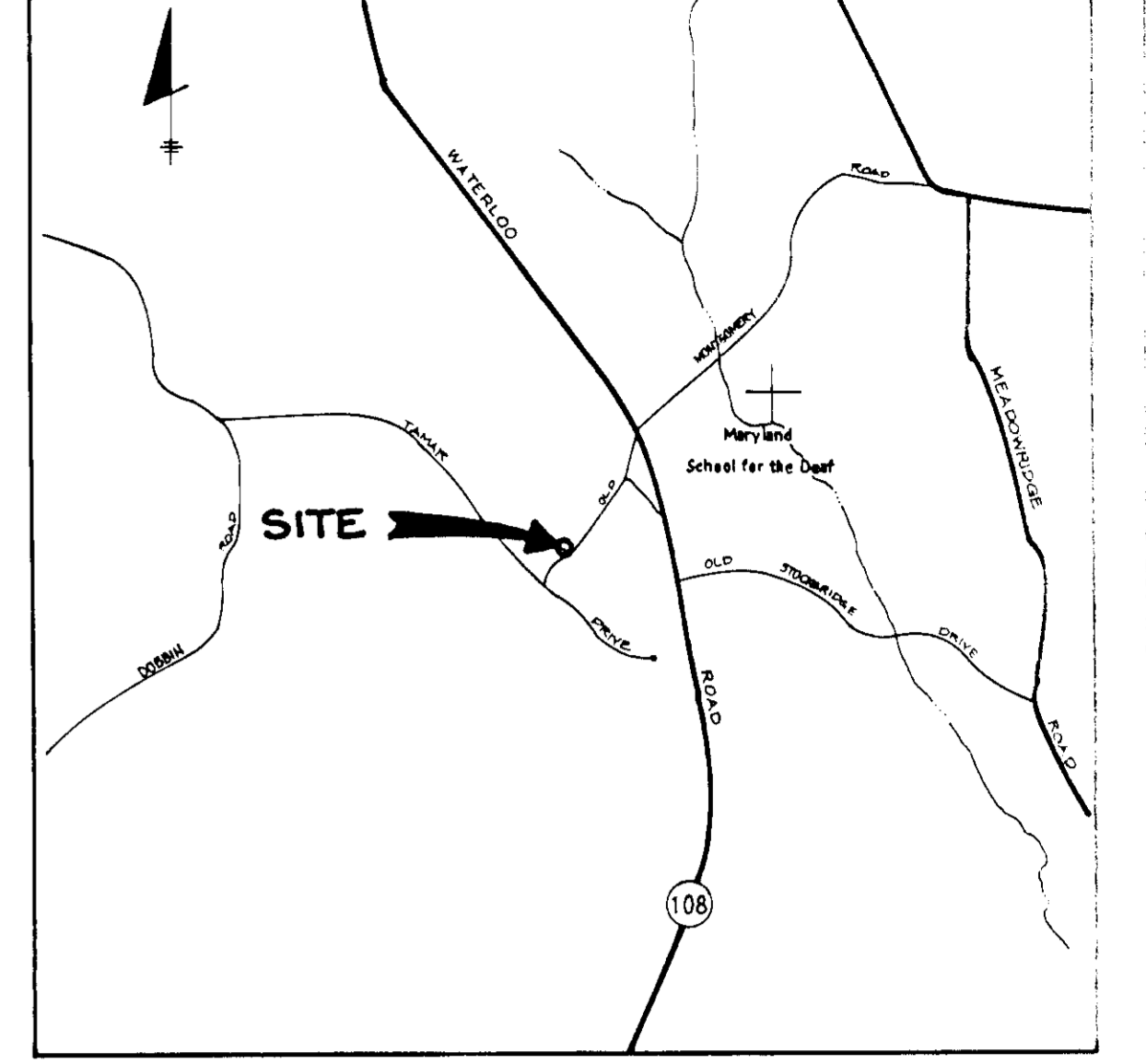
- DAY 1 OBTAIN A GRADING PERMIT.
 DAY 2-4 INSTALL SEDIMENT CONTROL DEVICES AND TREE PROTECTION FENCE.
 DAY 5-8 GRADE SITE AND STABILIZE ALL SLOPES IN ACCORDANCE WITH TEMPORARY SEEDING NOTES.
 DAY 9-24 COMPLETE CONSTRUCTION.
 DAY 25-30 UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.

GENERAL NOTES

- The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 919-1800 at least five (5) working days prior to start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-1777 at least 48 hours prior to any excavation work.
- Topographic survey shown hereon is field run, by the TSA Group, Inc., dated December 1992 at a two foot contour interval.
- All roadways shown are public and existing.
- Any damage to the County's right-of-way shall be corrected at the developer's expense.
- Fireplaces, chimneys and bay windows, not more than 10' in width, may project no more than 4' into any required setback in accordance with Section 12B of the Zoning Regulations.
- Porches or decks, open or enclosed, may project not more than 10' into the required front or rear yard in accordance with Section 12B of the Zoning Regulations.
- Public water and sewer are shown for reference only. For more detailed information see water and sewer plans contract nos 44-169 and 20-1264.
- No wetlands exist on this lot.
- The easement agreement for the common driveway is recorded in Liber 2291 at Folio 594.
- The owner of this lot has requested to pay a fee-in-lieu of providing a driveway management for this lot.
- Previous Howard County reference Nos. S-90-23, PP-90-49, F-91-50, F-91-115, F-98-111 and F-92-123.

SITE ANALYSIS

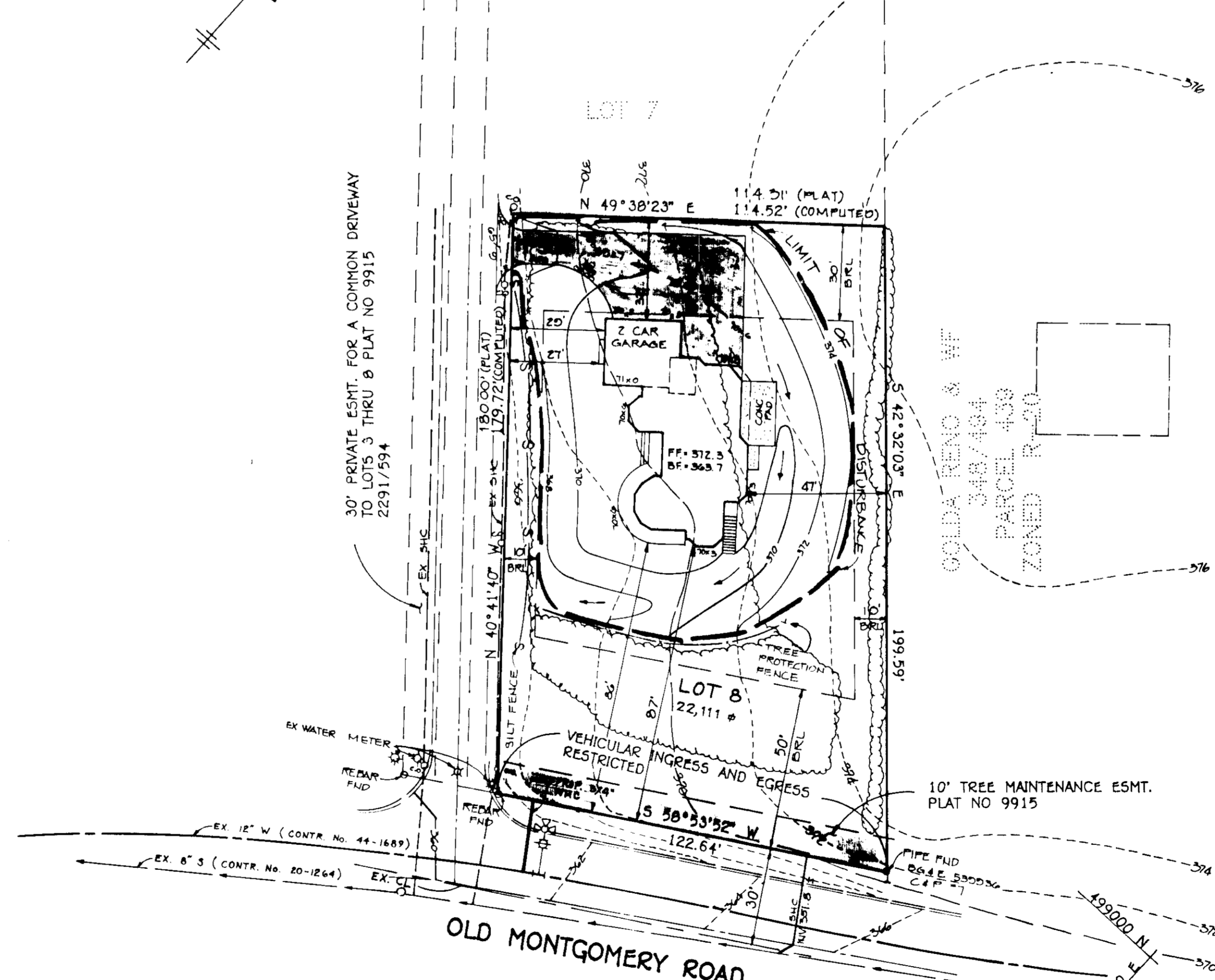
Total Area of Site	0.51 Ac +/-
Existing Zoning	R-20
Unit Type	Single Family Detached
Maximum Building Coverage Allowed	30%
Number of Units Proposed	1
Building Coverage of Site	223 Sq Ft +/- (10X)



STABILIZED CONSTRUCTION ENTRANCE

NO SCALE

- Stone Size - Use 2" stone, or equivalent or recycled concrete equivalent.
- Length - As required, but not less than 10 feet (except on a single real-estate lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where driveway or access occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will be secured on a single family residence lot.
- Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with six (6) slope will be permitted.
- 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 and/or cleanout of any measure used to trap sediment. All sediment spilled, stopped, washed or tracked onto public rights-of-way must be removed immediately.
- Warning - Signs shall be placed 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.



ADDRESS CHART

LOT NO.	STREET ADDRESS	LOT NO.
8	8334 OLD MONTGOMERY ROAD	8
SUBDIVISION NAME SECT./AREA		
JOHN W. MILLER JR. PROP. 8		
PLAT NO./L.F.	BLOCK NO.	ZONE
9915	7	R-20
TAX/ZONE MAP		
6067 0.3		
ELEC. DIST.		
6067 0.3		
CENSUS TR.		
6067 0.3		
WATER CODE		
F-02		
SEWER CODE		
3650000		

PLAN

SCALE: 1"=30'

BY THE DEVELOPER:	DEIDRE L. PLITT OWNER	3/25/93 DATE
BY THE ENGINEER:	John K. Robertson ENGINEER	4/12/93 DATE
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:	James M. Helm CHIEF, BUREAU OF ENGINEERING	4/12/93 DATE
APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT. COUNTY HEALTH OFFICER:	James M. Helm DIRECTOR	4-27-93 DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS:	James M. Helm CHIEF, BUREAU OF ENGINEERING	4-19-93 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING:	James M. Helm DIRECTOR	5-2-93 DATE
	James M. Helm CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	5-3-93 DATE
NO.	DATE	REVISION

TSA GROUP, INC.
 planning • architecture • engineering • surveying
 8480 Baltimore National Pike • Elliott City, Maryland 21048 • (410) 465-0100

OWNER:	DEIDRE L. PLITT 7894B MAYFAIR CIRCLE ELLICOTT CITY, MD 21043
PROJECT:	JOHN W. MILLER JR. PROP. LOT 8
LOCATION:	LOT 8 PLAT NO. 9915 TAX MAP 37 PARCEL 43 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	SITE DEVELOPMENT PLAN
DATE:	5-90-23 F-91-145 JANU. 8, 1993
DES:	D A M
DRM:	S-H / CAB
SCALE:	AS SHOWN
PROJECT NO. 0535	DRAWING 1 OF 1