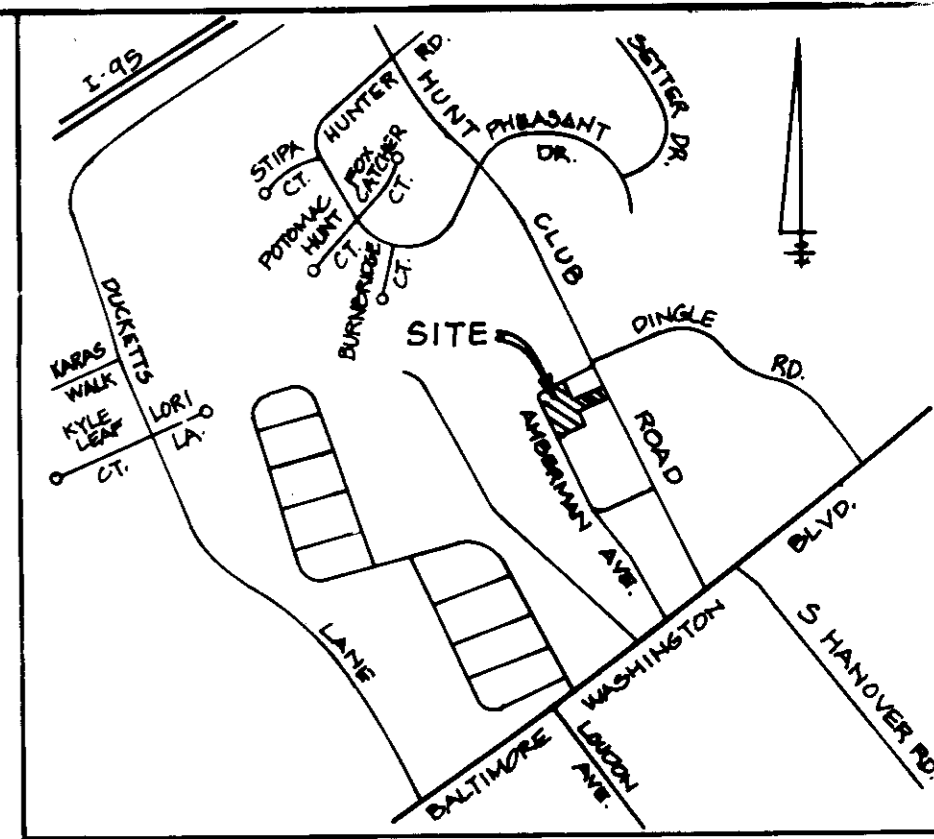


**SEDIMENT AND EROSION CONTROL NOTES**

- 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. (913-1895)
- 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 SPECS. 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 perimeters 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 SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 53) and mulching (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: 0.816 AC.  
Area Disturbed: 0.222 AC.  
Area to be seeded or paved: 0.222 AC.  
Area to be vegetatively stabilized: 0.222 AC.  
Total Cut: 232.0 CY  
Total Fill: 232.0 CY  
Offsite Wash/Burn Area Location:  
1. Any sediment control structure which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.  
2. Additional seedings must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector.  
3. 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 inspections may not be authorized until this initial approval by the inspection agency is made.



- GENERAL NOTES:**
- Subject property is zoned R-12 per 10-2-85
  - The total area included in this submission is 55,562 sq. ft. (0.816 AC.)
  - The total number of lots included in this submission are: 2
  - Improvement to property: Single family detached
  - Department of Planning and Zoning reference file numbers are: P-03-59
  - Utilities shown as existing are taken from approved water, storm and sewer plan C-388-5
  - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
  - Storm water management POC, in lieu of approved 3-19-93 Sec. P-19-59
  - All roadways are public and existing.
  - The existing topography shown was taken from Howard County aerials and field verified.
  - The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument No. 38-D-2 (438-D-0).
  - The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 313-1810 at least five (5) working days prior to the start of work.
  - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
  - Under certain conditions, decks and porches may only extend 12 feet into front and rear setbacks.
  - See Howard County Soil Map 26.
  - Driveway for Lots 6 & 7 will be privately maintained. See Agreement recorded in L. 3282 P. 377.

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

**SEEDING PREPARATION:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. If not previously loosened.

**SOIL AMENDMENTS:** In lieu of soil test recommendations, use one of the following schedules:  
1) Preferred: Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 800 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.) before seeding. Harrow or disc into upper three inches of soil. At the 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./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.

**LANDSCAPING NOTES**

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH ALTERNATIVE COMPLIANCE PROVISIONS OF SECTION 16.12A OF THE HOWARD CO. CODE AND LANDSCAPE MANUAL.

**TEMPORARY SEEDING NOTES**

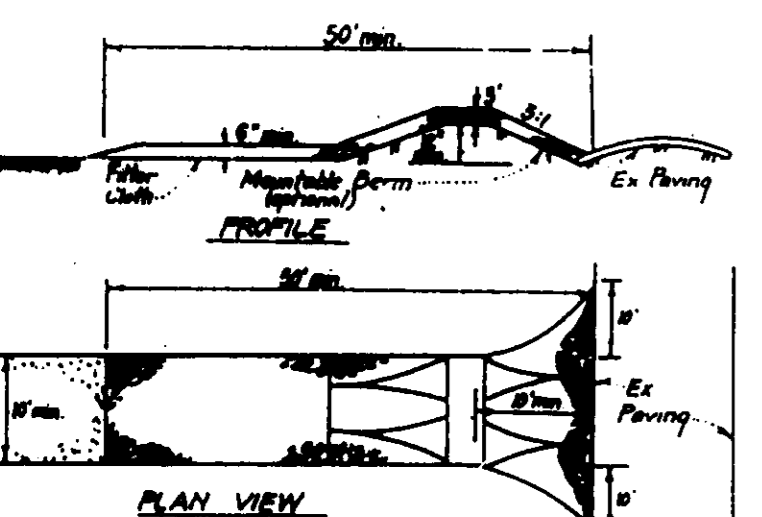
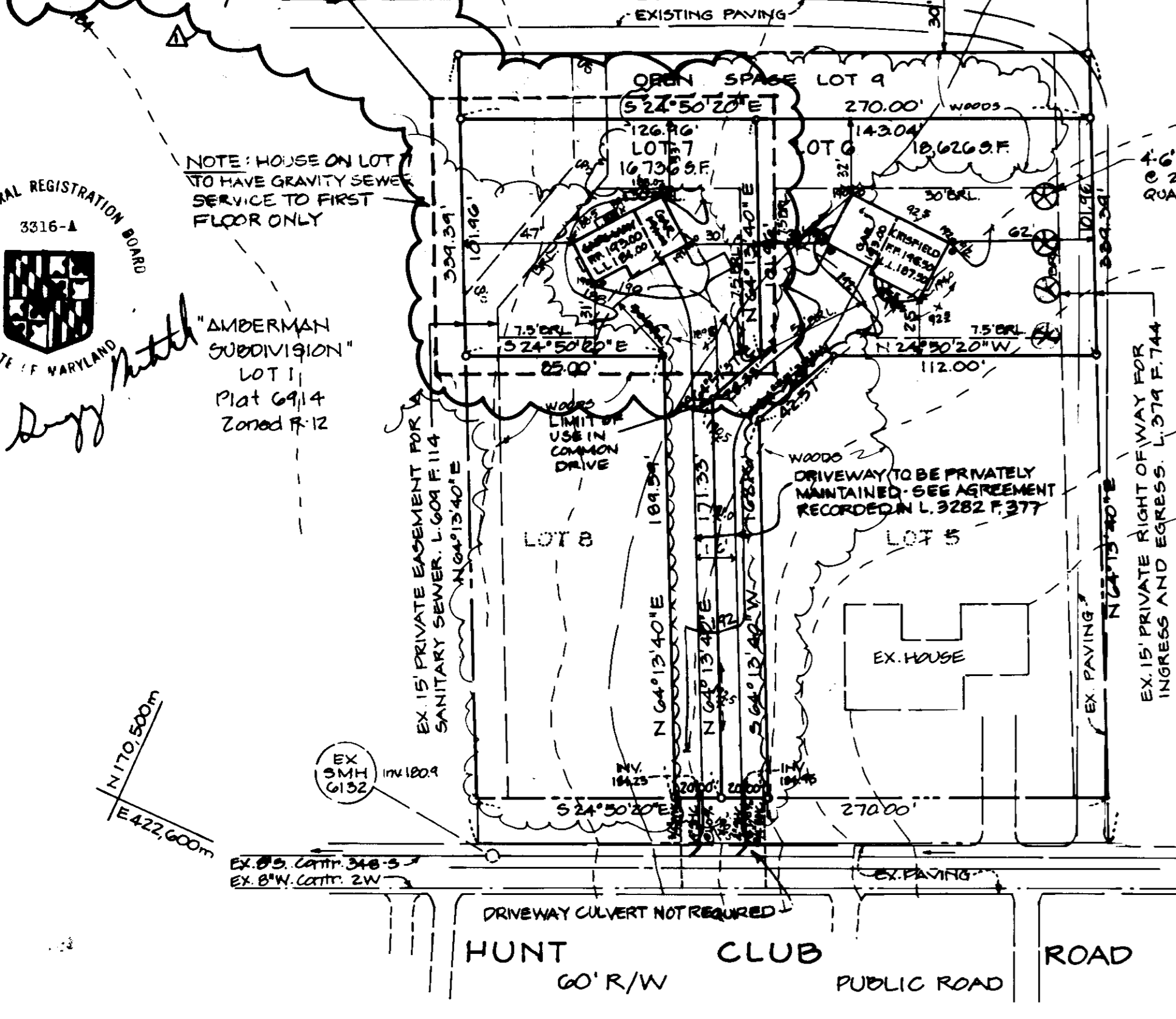
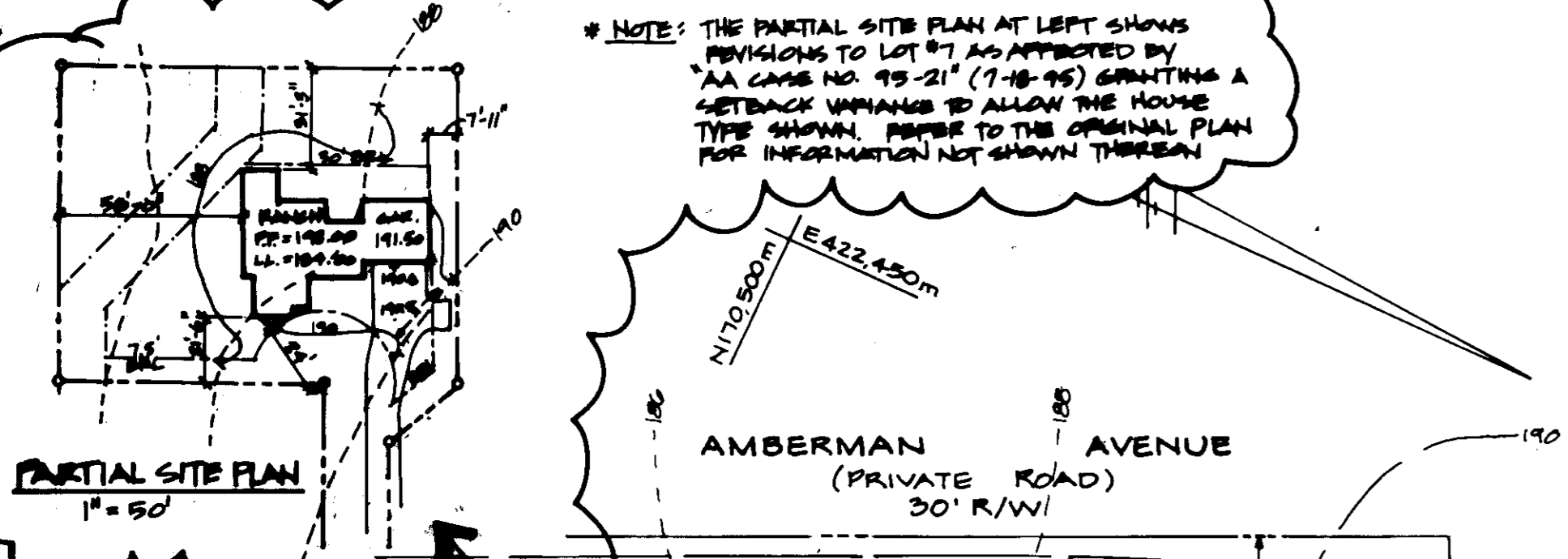
**SEEDING PREPARATION:** Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding. If not previously loosened.

**SOIL AMENDMENTS:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.).

**SEEDING:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels per acre of annual ryegrass (3.2 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. 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 unrolled 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.

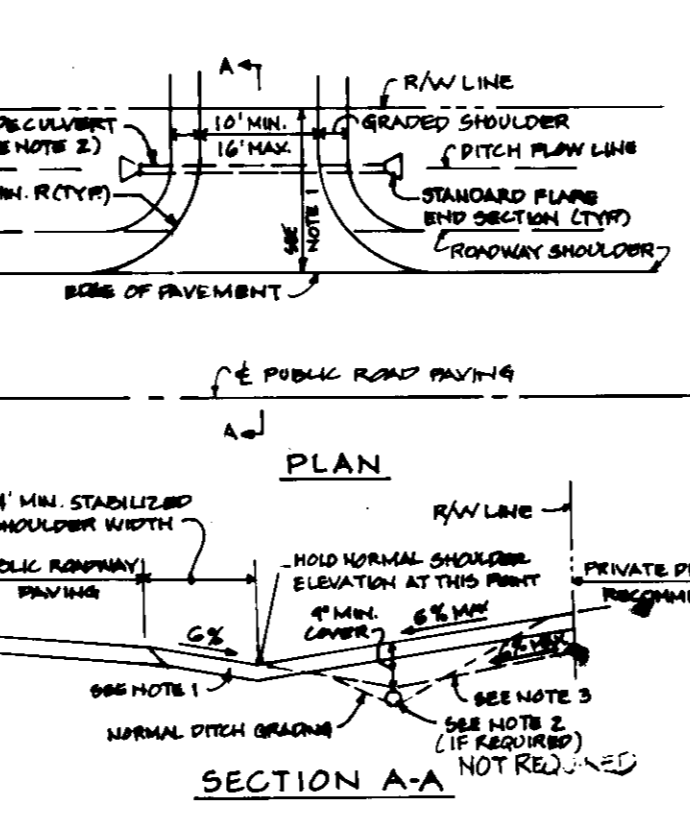
**MAINTENANCE:** Inspect all seeded areas and make needed repairs, replacements and reseedings.



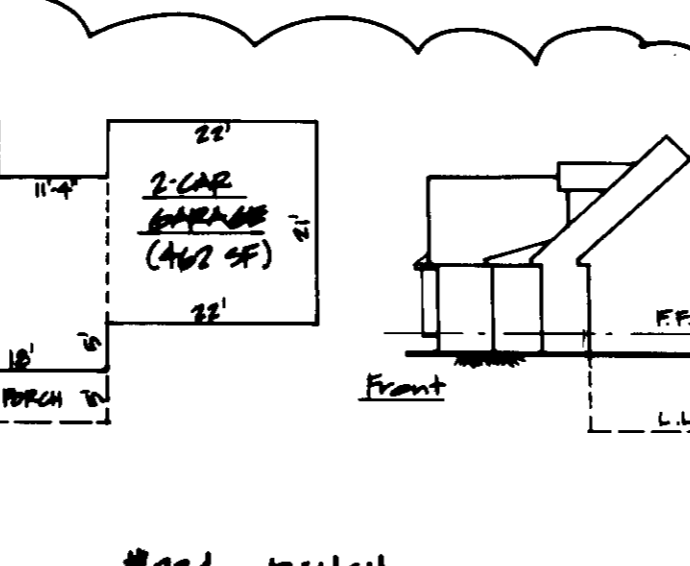
- CONSTRUCTION SPECIFICATIONS:**
- Show area - Use 2" stone, or reworked or recycled concrete or equivalent.
  - Length - As required, but not less than 30 feet (except on a steep grade, but where a 30 foot minimum length would apply).
  - Thickness - Not less than 12 inches.
  - Width - Ten (10) feet minimum, but not less than the full width of points where ingress or egress occurs.
  - Edges - Edges shall be placed over the entire area prior to placing of stone. Edges will not be removed until a week (7 days) minimum.
  - Surface Water - All surface water, storm or diverted toward construction entrances shall be passed across the entrance. If piping is impractical, a mountable curb with 3" slopes will be permitted.
  - Maintenance - The entrance shall be maintained in a condition which will prevent freezing or thawing of sediment into public rights-of-way. This may require periodic top dressing with additional stone or crushed stone and/or other material for drainage. If any material is used to top dressment, all material applied, graded, compacted by traditional methods and public rights-of-way must be removed immediately.
  - Warning - Signs shall be obtained to remove sediment prior to entrance into public rights-of-way. When warning is required, it shall be done on all areas disturbed with stone and other material into approved sediment trapping device.
  - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE) 1/8" SCALE

**RESIDENTIAL DRIVEWAY ENTRANCE CONNECTION TO OPEN SECTION ROADWAY**



- NOTES:**
- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE STANDARD PAVING SECTION P-1 AS SHOWN ON STANDARD NO. OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY DPW.
  - DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM AND THE MINIMUM SIZE SHALL BE 12" DIA. ROUND OR 14" x 14" ARCH PIPE IF LARGER PIPE IS REQUIRED. DITCH INVERT SHALL BE LOWERED TO PROVIDE MIN. DITCH GRADIENT OF 0.5% AND CLEARANCE SHALL NOT BE REQUIRED.
  - SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY LOCATED AT OR NEAR THE CREST OF VERTICAL CURVES ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY DPW.
  - THE -1% GRADE OF PRIVATE DRIVEWAY SHALL NOT EXCEED 14%.



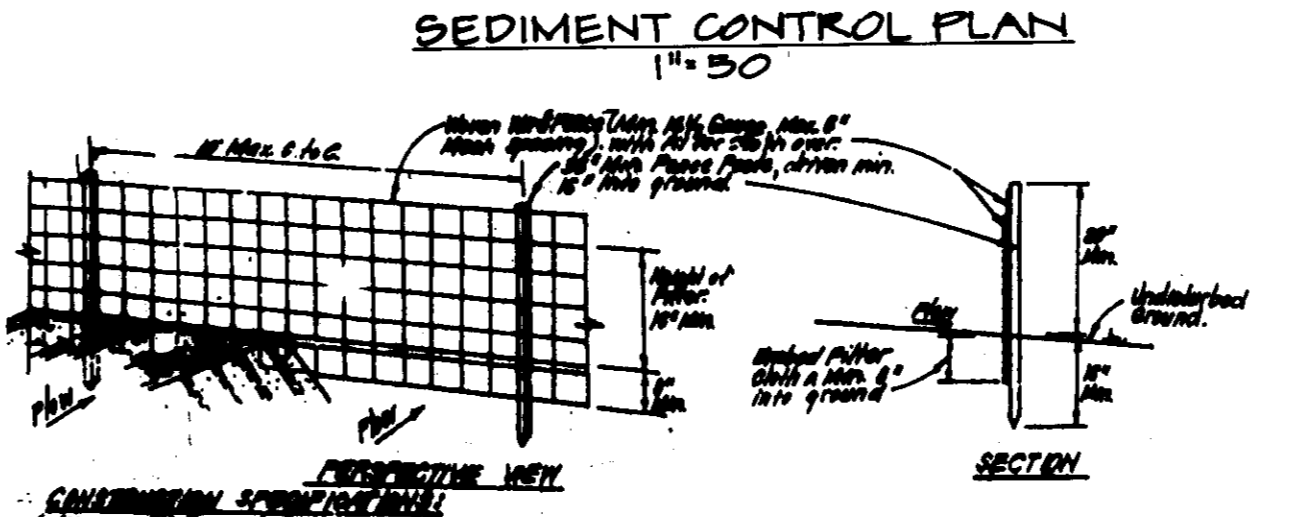
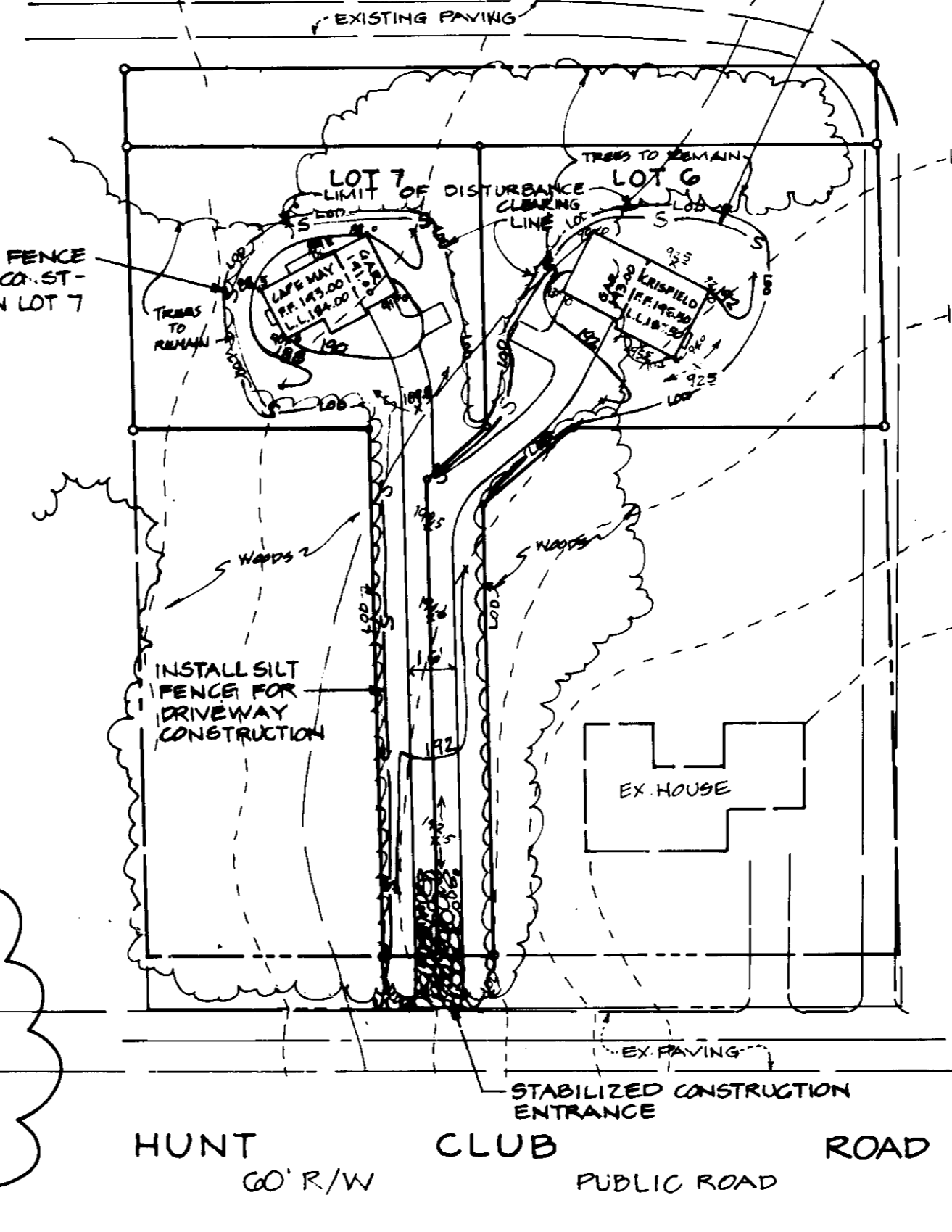
**LOT AREA TABLE**

| LOT NO. | GROSS AREA S.F. | AREA | AREA 25% SLOPE OR | AREA PIPE OTHM | AREA WETLAND | NET AREA S.F. |
|---------|-----------------|------|-------------------|----------------|--------------|---------------|
| 6       | 18,026          | -    | 4,404             | -              | -            | 14,222        |
| 7       | 16,736          | -    | 3,423             | -              | -            | 13,513        |

**BUILDING COVERAGE**

| LOT NO. | LOT AREA S.F. | BUILDING AREA | PERCENT |
|---------|---------------|---------------|---------|
| 6       | 18,026        | 1,152 S.F.    | 6.4%    |
| 7       | 16,736        | 1,767 S.F.    | 10.56%  |

**AMBERMAN AVENUE (PRIVATE ROAD) 30' R/W**



- CONSTRUCTION SEQUENCE:**
- Obtain grading permit
  - Install tree protection fence
  - Install sediment and erosion control devices and stabilize
  - Excavate for foundations, rough grade and temporarily stabilize
  - Construct structures, sidewalks and driveways
  - Final grade and stabilize in accordance with Specs. and Specs.
  - Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Patricia Engle*  
U.S. SOIL CONSERVATION SERVICE DATE: 8/17/94

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John R. Plante*  
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE: 8/26/94

REVISION

| NO. | DESCRIPTION                  | DATE    | BY |
|-----|------------------------------|---------|----|
| 1   | LOT 7 HOUSE TYPE REV./ADDING | 8-17-94 |    |

**LTB & ASSOCIATION**  
ENGINEERING • SURVEYING • LAND PLANNING CONSULTANTS

2741 EBBALE ROAD  
MANCHESTER, MD 21102  
PHONE 239-7229

**SURVEYORS CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENT 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 SOILS CONSERVATION DISTRICT.

*Donald T. Bohage*  
SIGNATURE DATE: 8/22/94

**DEVELOPER'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 DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

*John R. Plante*  
SIGNATURE OF DEVELOPER DATE: 8/22/94

**ADDRESS CHART**

| LOT # | STREET ADDRESS        |
|-------|-----------------------|
| 6     | # 6104 HUNT CLUB ROAD |
| 7     | # 6108 HUNT CLUB ROAD |

SUBDIVISION NAME: AMBERMAN SUBDIVISION SECTION II LOTS 6 & 7  
 PLAT NO: 10037 BLOCK NO: - ZONE: R-12 TAX MAP: 3B ELEC. DIST: 1 CENSUS TR: 6012  
 WATER CODE: SEWER CODE:

DESIGNED BY: L.T.B.  
 DRAWN BY: L.T.B.  
 CHECKED BY: L.T.B.

**SITE DEVELOPMENT PLAN & SEDIMENT CONTROL PLAN "AMBERMAN SUBDIVISION" SECTION II LOTS 6 & 7**

18<sup>TH</sup> ELECTION DISTRICT HOWARD CO, MARYLAND DATE: 3-18-94

DEVELOPER: DOUBLE R INC. 2360 W. JOPPA RD. SUITE 310 LUTHERVILLE, MARYLAND 21048