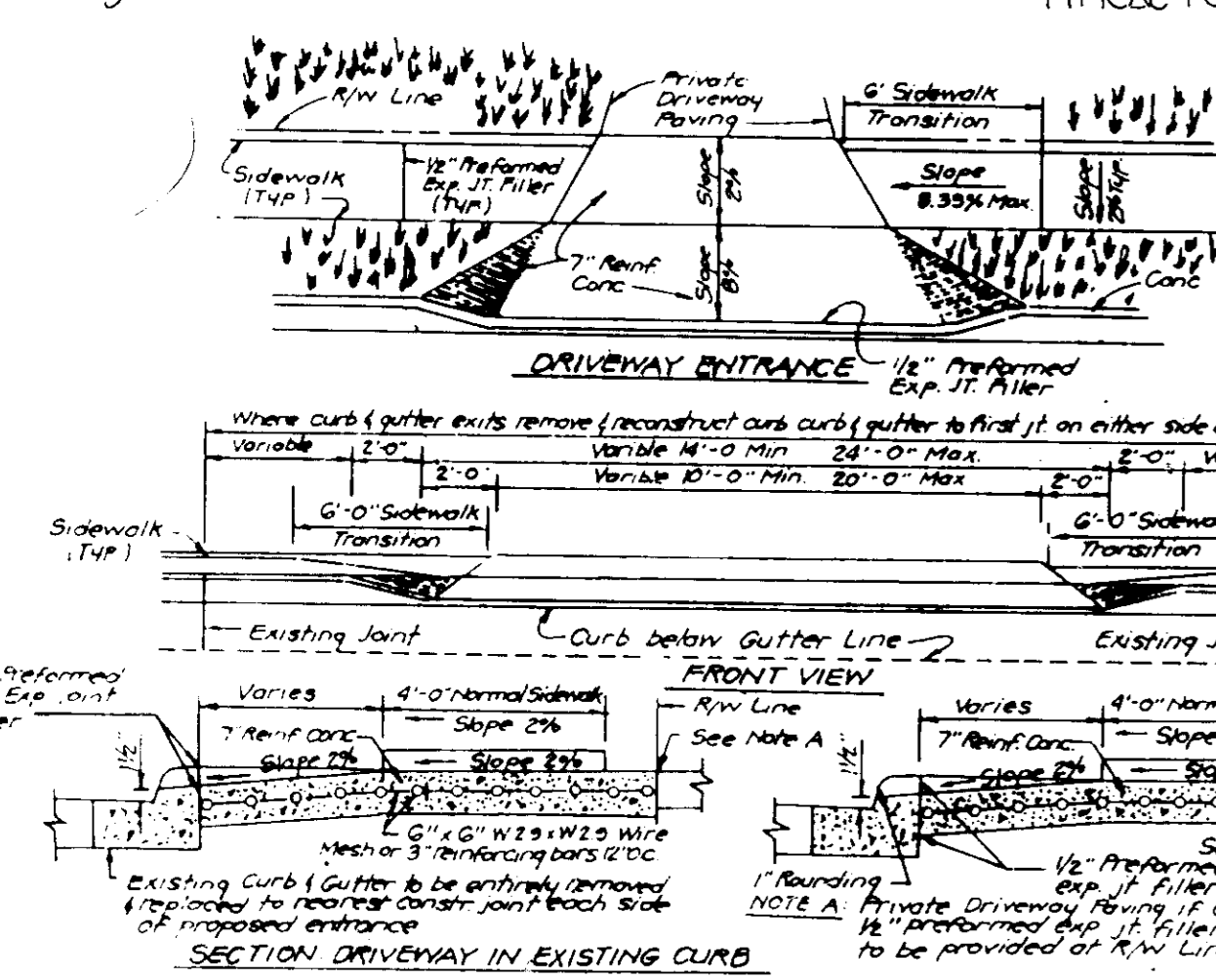
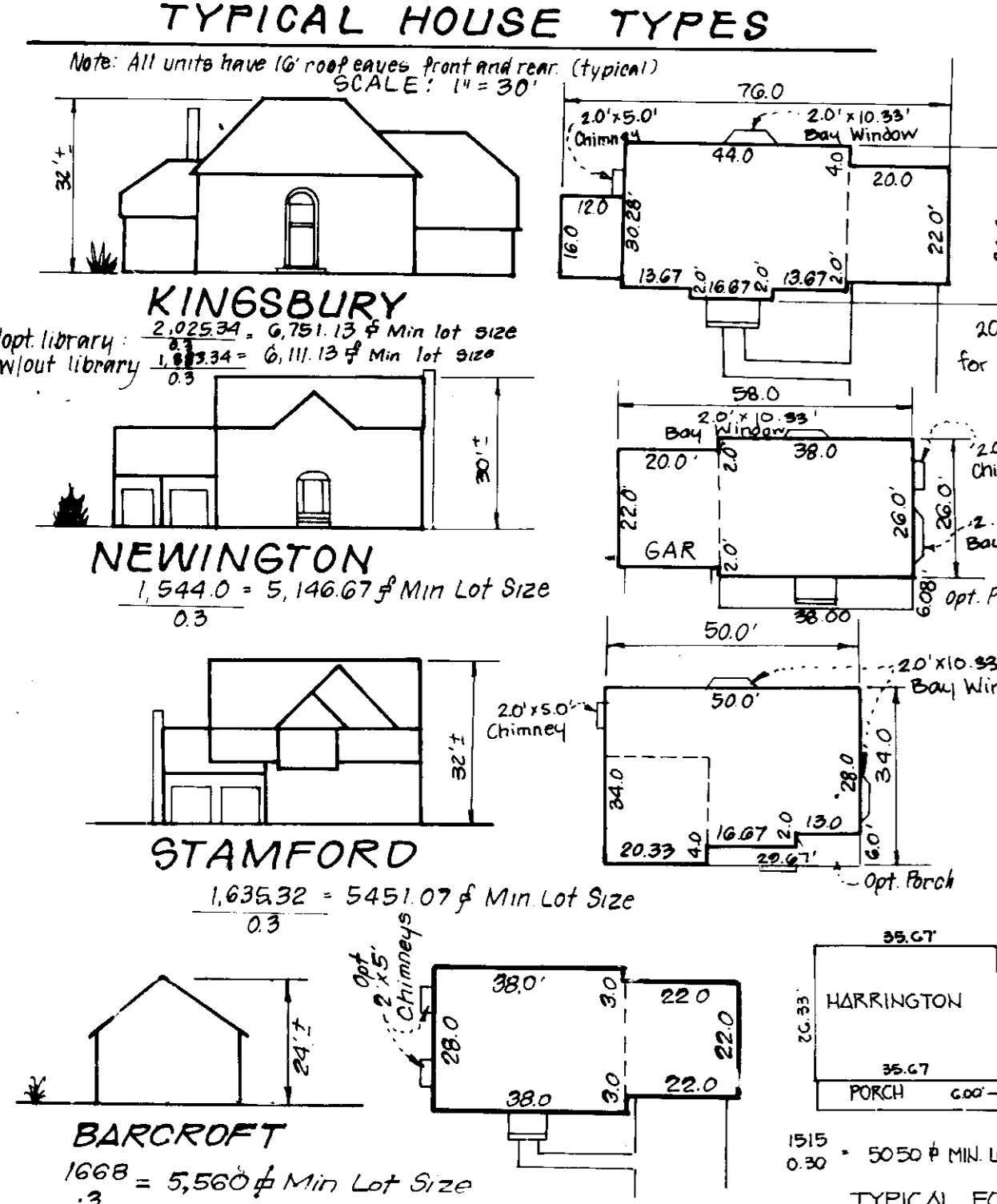


**DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK**

**TYPICAL HOUSE TYPES**

Note: All units have 10' roof eaves, front and rear (typical)  
SCALE: 1" = 30'



**DRIVEWAY ABUTTING CLOSED SECTION WITH STD 7" COMB CURB & GUTTER & SIDEWALK SET BACK FROM CURB**

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 10/25/89

**APPROVED FOR HOWARD COUNTY DEPT. OF PLANNING & ZONING**  
DATE: 11/1/89

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE**  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 10/25/89

**5-18-89**

**ADDRESS CHART**

LOT	STREET ADDRESS
1	3200 St. Johns Lanes
2	3201 Ambra Court
3	3202 " "
4	3203 " "
5	3204 " "
6	3205 " "
7	3206 " "
8	3207 " "
9	3208 Ambra Court
10	3209 " "
11	3210 " "
12	3211 " "
13	3212 " "
14	3200 Ambra Court

**DENSITY TABULATION**

Category	Value
Gross Area	0.34 Ac
Floodplain, Steep Slopes	0.06 Ac
Net Area	0.28 Ac
No. of Dwelling Units Allowed	13.7
Floodplain lot adjustment allowance	13.7
Total No. of dwelling units allowed	13.7
Density per acre	2.01

7-13-74 B REV. HSE & GRD ON LOT 11, ADD HSE TYPICAL

**REVISION**

No.	Description	Date
1	Lot 8 Moved house back as per rev. lot lines	8-15-87
2	Rev hse and grad lot 3, Add house typical	10-2-91
3	Rev hse and grad lot 4, Add house typical	3-4-92
4	Rev hse and grad lot 2, Add house typical	4-15-92
5	Rev hse and grad lot 8, Add hse typical	6-12-92
6	Rev hse and grad lot 7, Add hse typical	7-24-93
7	Rev hse and grad lot 11, Add hse typical	4-11-93

**OWNER/DEVELOPER**  
Chris Stubbs, Inc.  
P.O. Box 2036  
Columbia, MD 21045

**CLARK • FINECROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7115 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 361-7500 • BALTO • (301) 621-8300 • WASH

**DESIGNED** VHL  
**DRAWN** BAR  
**CHECKED** JME

**DATE** April 1982

**SCALE** 1" = 30'

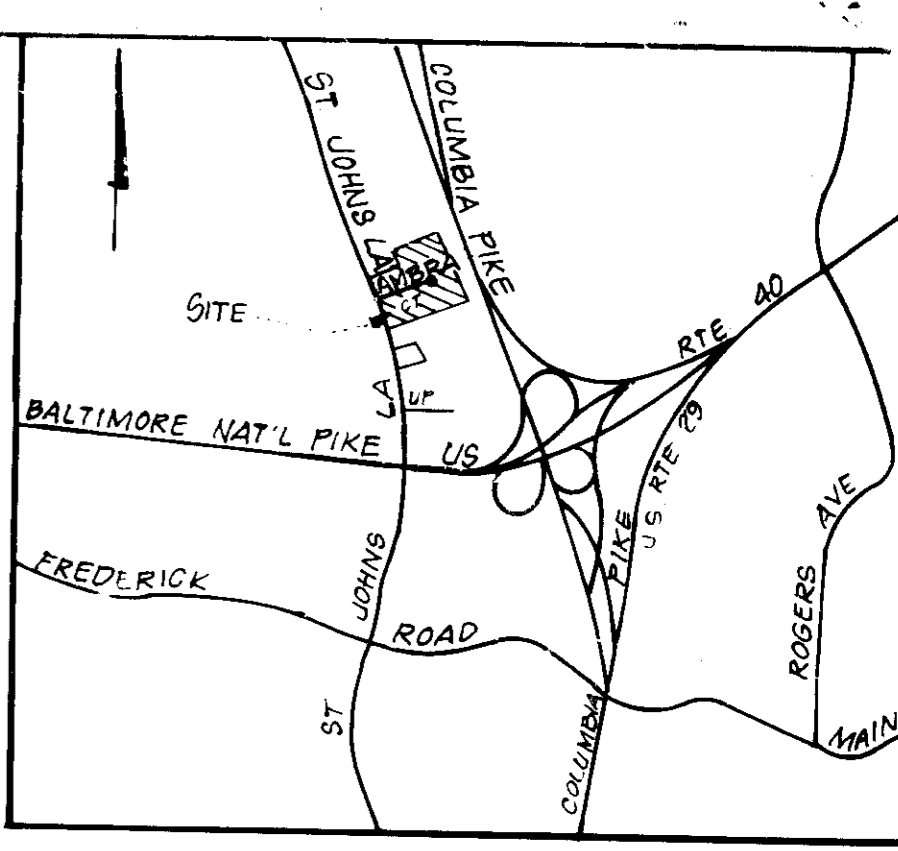
**DRAWING** 1 of 2

**JOB NO.** 88-166

**FILE NO.** 88-166X

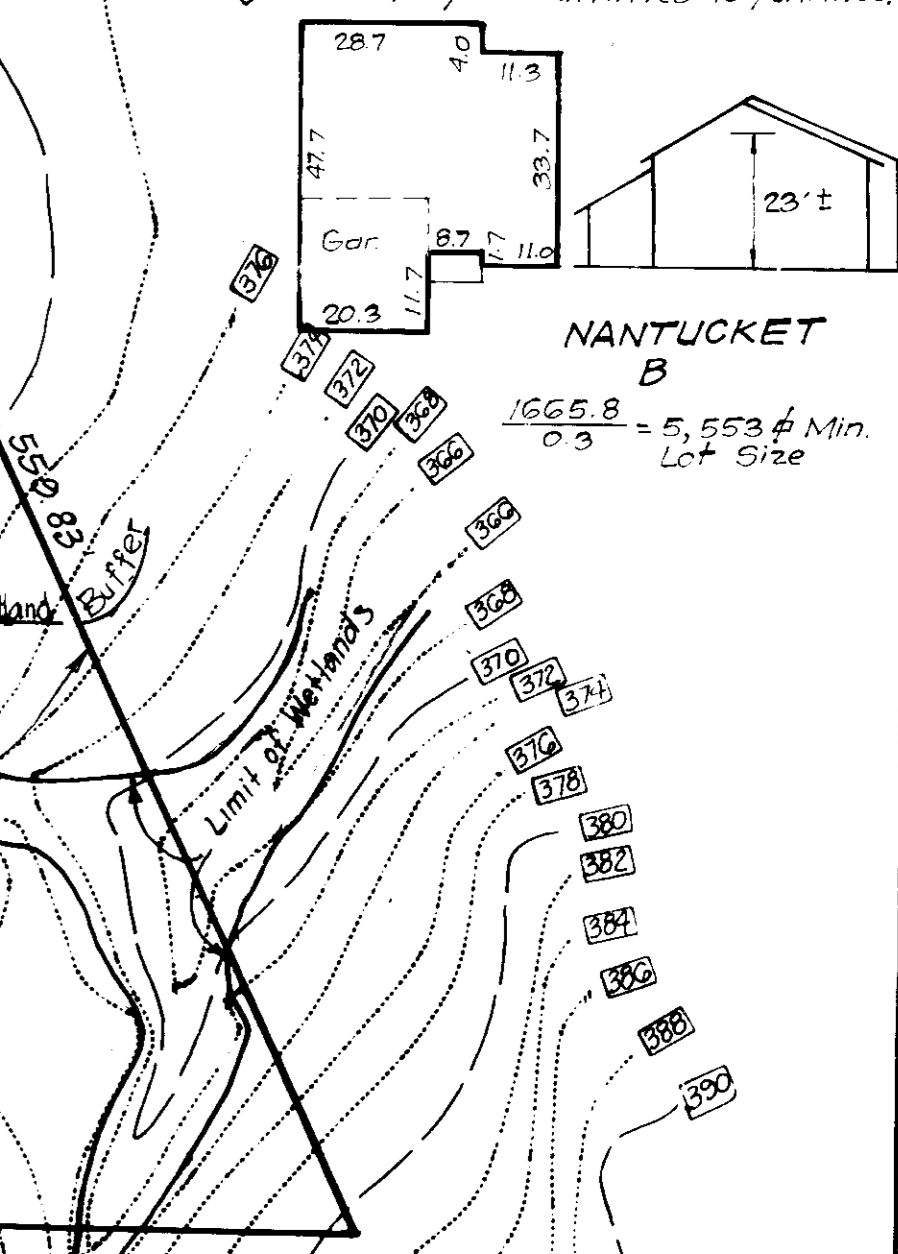
**SITE DEVELOPMENT PLAN**  
**LOTS 2-14**  
**SECTION ONE**  
**TAX MAP 24**  
**PARCELS 42,43**  
**2<sup>ND</sup> ELECTION DISTRICT**  
**HOWARD COUNTY, MARYLAND**

For Chris Stubbs, Inc.  
P.O. Box 2036  
Columbia, Maryland 21045



- GENERAL NOTES**
1. Subject property zoned R-20.
  2. The coordinates shown hereon are based on the Maryland State Grid System, and derived from the following Howard County Control Stations.
  3. All roadways to be public and existing.
  4. Total area included in this Subdivision: 4.207.
  5. Total number of lots: 12.
  6. Any damage to county owned right-of-way shall be collected at the Developer's expense.
  7. Maximum coverage for lots: 30%.
  8. Reference plans: F 89-38, 5-88-14, P 88-37.
  9. The contractor or Developer shall contact the Construction/Inspection Survey Division, 24 hours in advance of commencement of work # 792-2630.
  10. The existing topography shown was field run by Clark, Finecrock & Sackett, Inc.

- SPECIAL NOTES**
1. Approved Road Construction Plans shall be used for all public utilities.
  2. Public water & sewer shown for reference only. For more detailed information see water and sewer plans Contract # 14-1858-10.
  3. The water and sewer house connections not included in a Developer's Agreement shall conform to Howard County Plumbing Code. The on-site WHC shall be 1" copper and the SHC shall be 4" iron. Stormwater Management provided in F 89-38.
  4. The wetland buffer indicated on this plan does not affect the initial construction of a residential unit on a lot. It does prohibit subsequent clearing, grading or construction in the buffer zone. Maintenance of residences, landscaping and utilities is permitted.



Apply to graded or cleared areas not subject to immediate further disturbance or a permanent long-term vegetative cover is needed.

**Seeded 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:

- 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. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urethane 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. Narrow 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 15 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 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 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 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

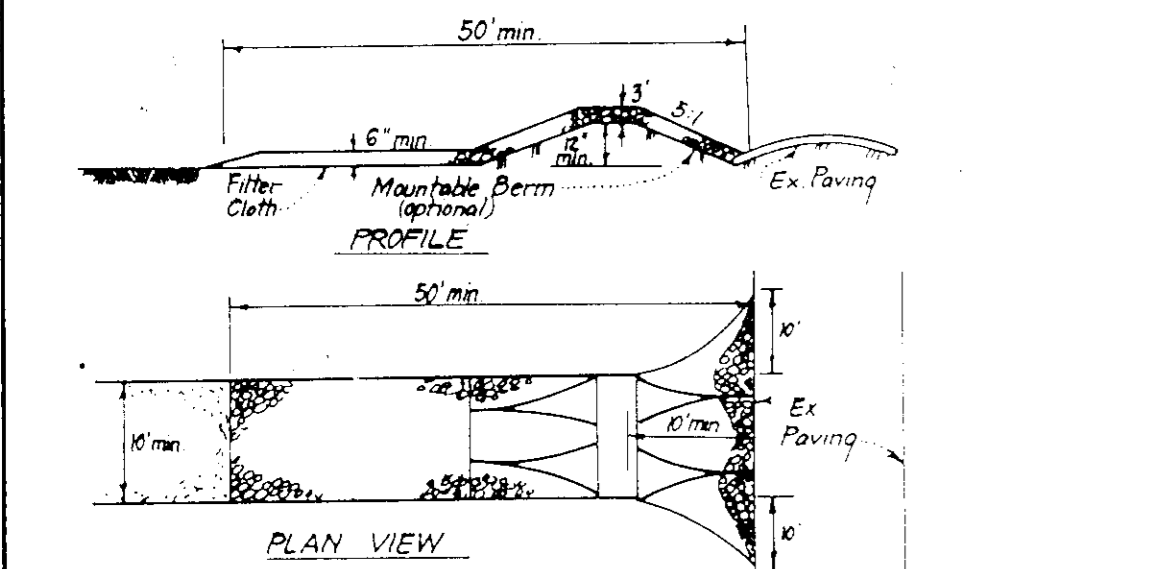
**Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

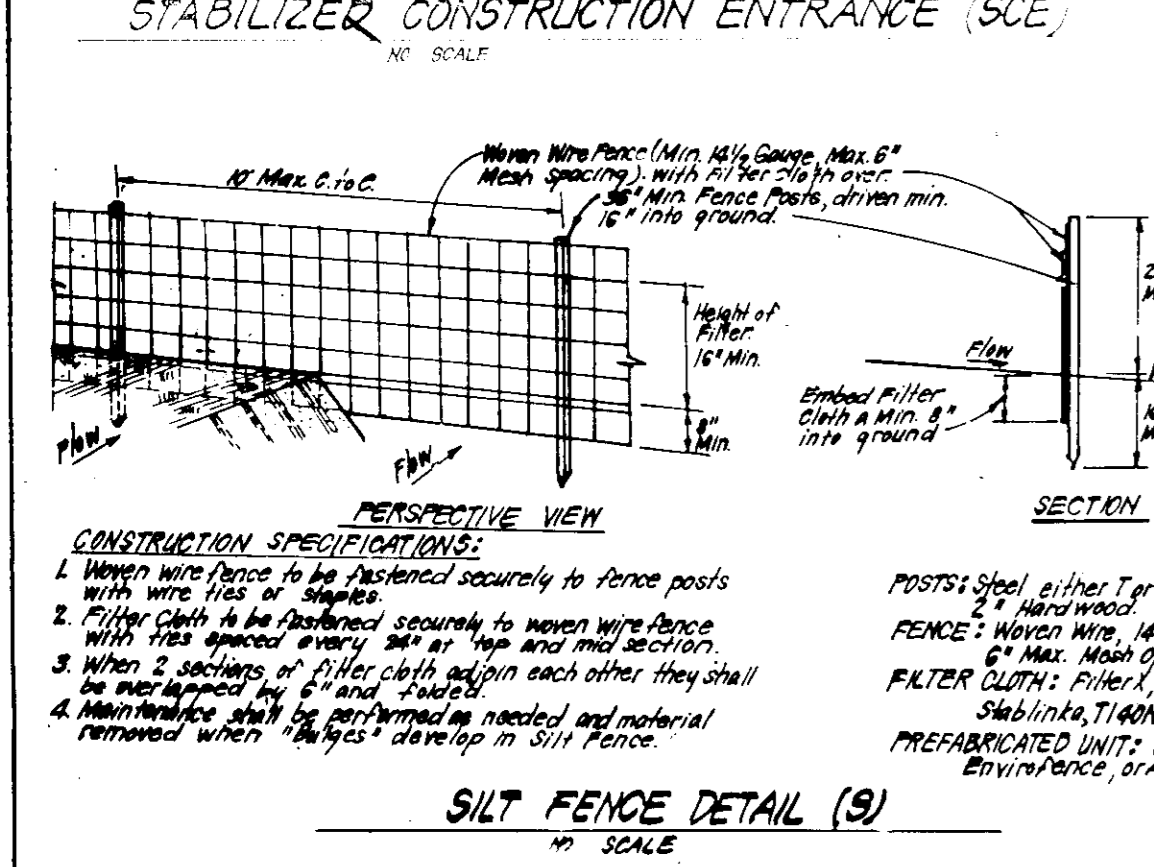
**Seeding -** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 20 bushel per acre of annual ryegrass (2.2 lbs/1000 sq ft). For the period May 1 thru August 15, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 15 thru February 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 seed.

**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 ft) of emulsified asphalt on flat areas. On slopes, 8 ft 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.



- CONSTRUCTION SPECIFICATIONS:**
1. Stone size - Use 2" stone, or equivalent or rounded concrete equivalent.
  2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  3. Thickness - Not less than six (6) inches.
  4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
  5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a single family residential lot.
  6. Surface Water - All surface water flowing or diverted toward construction entrances shall be intercepted at the entrance. If piping is required, a maintenance berm with 5% slopes will be permitted.
  7. 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 needed, and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  8. 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.
  9. Periodic inspection and needed maintenance shall be provided after each rain.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

James M. [Signature] 10/25/89  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

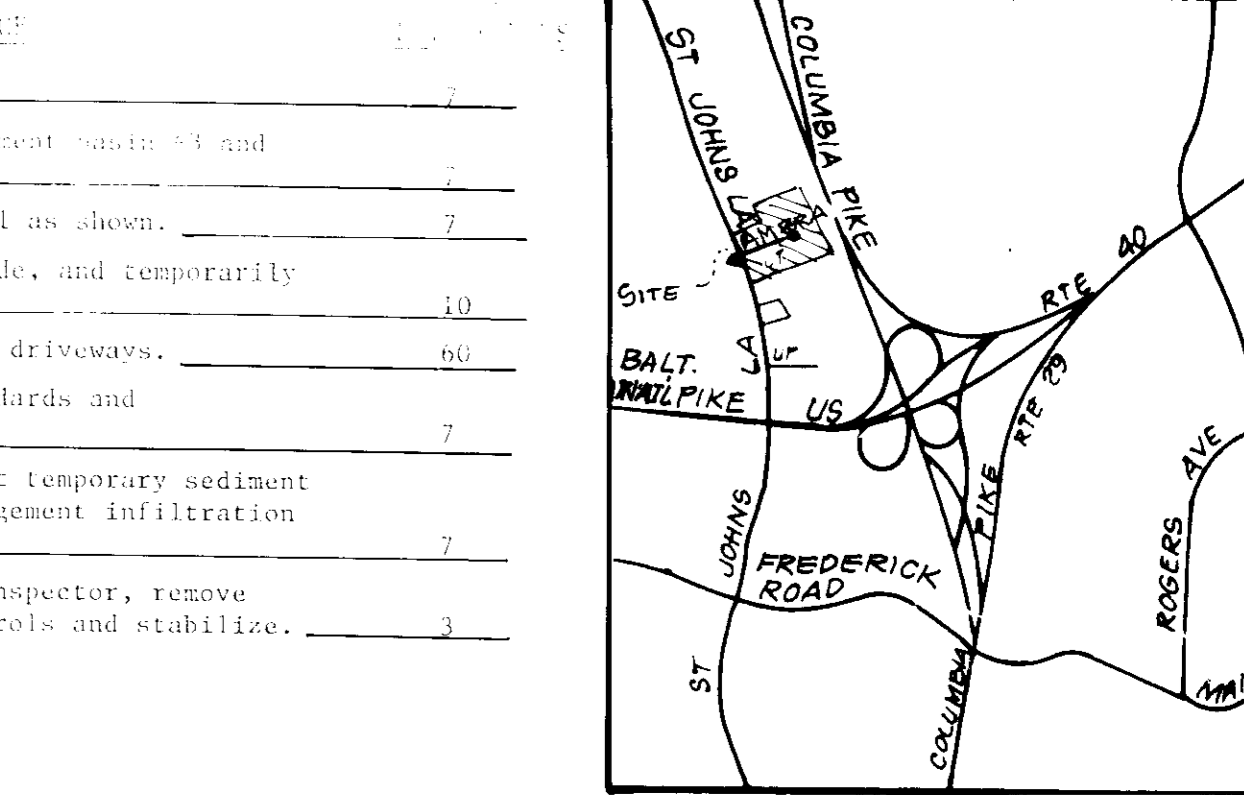
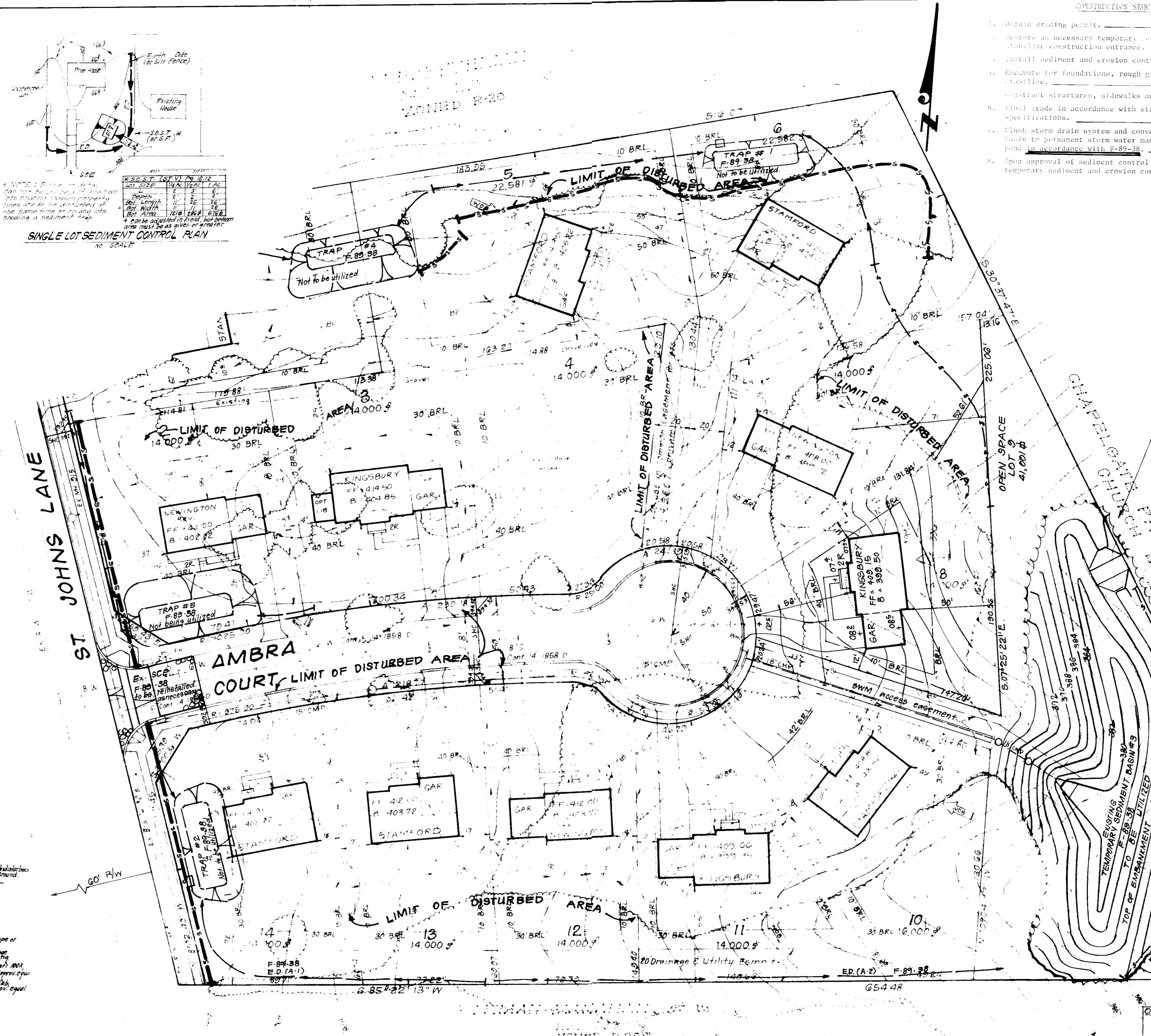
[Signature] 11/8/89  
DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James P. [Signature] 10/25/89  
DIRECTOR

APPROVED: CHIEF BUREAU OF ENGINEERING

[Signature] 10-25-89  
DATE



**TEMP. SEDIMENT BASIN #3**

Drainage Area: 3.21 Ac. ±  
Storage Req'd: 215 CY  
Storage Provided: 216 CY  
Trap Size: 11'x20'  
Trap Depth: 2'  
Side Embankment: 384.0  
Bottom EL: 380.0  
Clean Out EL: 381.0  
Temp. Weir Outlet EL: 383.0  
Weir Width: 8'

**SEDIMENT CONTROL NOTES**

- 1) A minimum of 24 hours notice must be given to the Board County Office of Inspection and Permits prior to the start of any construction. (992-1437)
- 2) All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in compliance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) 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.
- 4) 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.
- 5) 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 (Sec. 51) and temporary seeding (Sec. 50) 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.
- 6) 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.
- 7) Site Analysis:  
Total Area of Site: 5.237 Acres  
Area Disturbed: 4.600 Acres  
Area to be seeded or paved: 0.77 Acres  
Area to be vegetatively stabilized: 3.35 Acres  
Total Cut: 25.99 Cu. Yds.  
Total Fill: 70.12 Cu. Yds.  
Off-site waste/borrow area location: N/A
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment control must be provided, if deemed necessary by the Howard County DMS sediment control Inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be required upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading disturbance approvals may not be authorized until this initial approval by the inspection agency is made.
- 11) If houses are to be constructed on a "As-Built" basis, this system, Single Lot Sediment Control, as shown below shall be required.
- 12) All pipes to be blocked at the end of each day (see detail 104).
- 13) The total amount of straw or hay/disk/silt fence equals 645 N/A.

**LEGEND:**

Contour Interval: 2 FT

Existing Contour: [Symbol]

Proposed Contour: [Symbol]

Spot Elevation: +10.5

Direction of Drainage: [Symbol]

Proposed Silt Fence: [Symbol]

Stabilized Construction Entrance: [Symbol]

Trees to be saved: [Symbol]

Reviewed for Howard County, S.C.D. Name: [Signature] and meets Technical Requirements of U.S. Soil Conservation Service

DEVELOPER'S/SUBMITTER'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, if any, as deemed necessary.

John R. [Signature] 11/19/89  
APPROVED

[Signature] 1/14/89  
Signature of Developer/Builder

**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] 4-17-89  
Date

STATE OF MARYLAND  
CLARK • FINEFROCK & SACKETT, INC.  
4-17-89

OWNER/DEVELOPER

Chris Stubbs Inc.  
P.O. Box 2036  
Columbia, Md 21045

Subdivision Name: COVE WOOD  
Block No.: 5  
Zone: R-20 2A  
Parcel No.: P42,43  
Water Code: FOG  
Sewer Code: 1A03700

CLARK • FINEFROCK & SACKETT, INC.  
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: KIW  
DRAWN: KIW  
CHECKED: KIW, JLS  
DATE: April 1989

**SEDIMENT & EROSION CONTROL PLAN**  
LOTS 2-14  
SECTION ONE  
TAX MAP 24  
2nd ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1"=30'  
DRAWING: 2 of 2  
JOB NO: 88-166  
FILE NO: 88166 SE

For Chris Stubbs, Inc  
P.O. Box 2036  
Columbia Maryland 21045