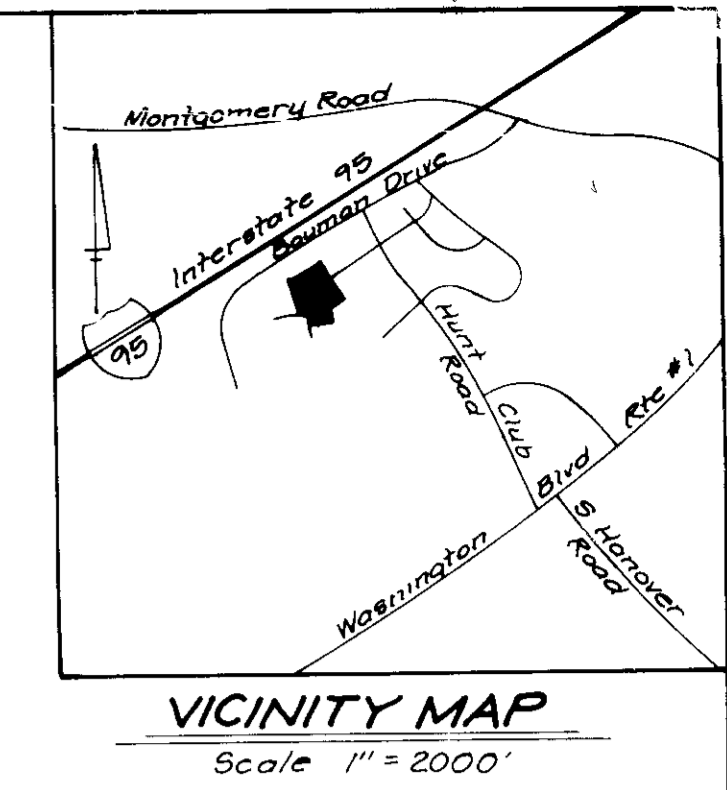


**DRIVEWAY ABUTTING CLOSED SECTION WITH STD 7" COMB CURB & GUTTER & SIDEWALK SET BACK FROM CURB**

LOT	STREET	ADDRESS
46	6664 HUNTER ROAD	
47	6604 STIPA COURT	
48	6608	
49	6612	
50	6616 STIPA COURT	
53	6673 HUNTER ROAD	
64	6669 HUNTER ROAD	



**LEGEND**

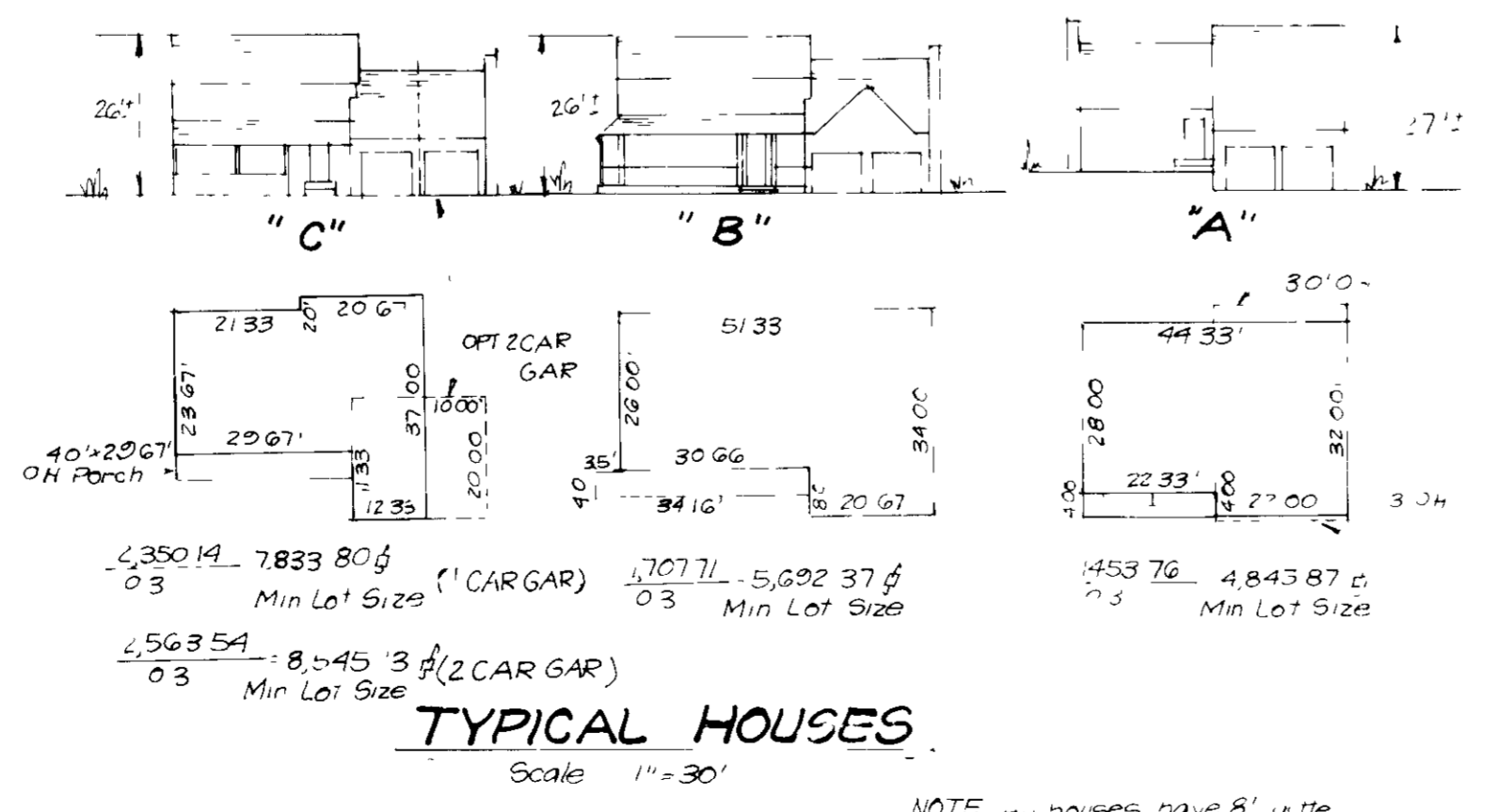
- Contour Interval 2 FT
- Existing Contour (with elevation symbol)
- Proposed Contour (with elevation symbol)
- Spot Elevation (+10)
- Direction of Drainage (with arrow symbol)
- Walk out Basement (with arrow symbol)
- Trees to be Saved (with tree symbol)

**GENERAL NOTES:**

- 1 The land included is zoned R-12
- 2 Coordinates shown hereon are based on the Maryland State Plane Coordinate Grid System as projected by Howard County Control Station N8 2546003 R, 2546002 R, 2546007 R & 2546001 R
- 3 All roadways are public and existing
- 4 Total area included in this plan 1808 Ac
- 5 Any damage to County owned rights-of-way shall be corrected at the developer's expense
- 6 Total number of lots included in this plan: 7
- 7 Stormwater management for this project is provided for by F87-42
- 8 Lot coverage 30%
- 9 Sediment and erosion control provided by previously approved plans F87-42.
- 10 See Office of Planning & Zoning File Nos 584 12, P85-34 & F87-42
- 11 Topo taken from As Built Plans dated Feb 1988

**SPECIAL NOTES:**

- 1 Approved Road Construction Plans shall be used for all public utilities
- 2 Public water and sewer shown for reference only. For more detailed information see water and sewer plans Contract N2 C-14-1515-D
- 3 Water and sewer house connections not included in a "Developer's Agreement" shall conform to Howard County Plumbing Code. The onsite WHC shall be 1" copper and the SHC shall be 4" iron



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 5-31-88

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 6-3-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 5-26-88

4-7-88

Subdivision Name Hunt Club Estates		Sheet Area 5 / 1	Lots 46-50 & 63-64
Plot No. 7748-7751	Block No. 7	Zone R-12	Tax/Map No. 38, 7515
Water Code 708		Sewer Code 2152215	

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

1111 MINISTREEL WA • COLUMBIA MD 21046 • BALTIMORE MD • VA

DESIGNED: VHL  
 DRAWN: LUG  
 CHECKED: VHL  
 DATE: March 1988

**SITE DEVELOPMENT PLAN**  
 LOTS 46 THRU 50, 63 & 64  
**HUNT CLUB ESTATES**  
 SECTION 5 - AREA 1  
 1ST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR American Standard Construction, Inc  
 8841 Maryland Drive  
 Silver Spring, Maryland 20910

SCALE: 1" = 30'  
 DRAWING: 1 of 7  
 JOB NO: 87-151  
 FILE NO: 87-151X

SDP-88-166

**SEDIMENT CONTROL NOTES**

- 1) 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)
- 2) 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
- 3) 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.
- 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 seedings (Sec. 51) sod (Sec. 54), 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 1,808 Acres  
 Area Disturbed 170 Acres  
 Area to be roofed or paved 0.41 Acres  
 Area to be vegetatively stabilized 129 Acres  
 Total Cut 2480 Cu. yds  
 Total Fill 1616 Cu. yds  
 Offsite 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 DPW sediment control inspector.
- 10) 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.
- 11) If houses are to be constructed on an "As-Built" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
- 12) All pipes to be blocked at the end of each day (see detail below), N/A
- 13) The total amount of straw bale dikes/silt fence equals 0 L.F.

CONSTRUCTION SEQUENCE	DAYS
A Obtain Grading Permit	
B Excavations for foundations and rough grades temporarily stabilize	35
C Construct structures, sidewalks, driveways	260
D Final grade stabilize in accordance with Sides & Specs.	15

NOTE: All sediment & erosion controls installed under F 87-42 & utilized by this SDP must be inspected and approved for use by the Howard County Sediment Control Inspector prior to commencement of work

**LEGEND**

1 Contour Interval	2 Ft
2 Existing Contour	--- 210 ---
3 Proposed Contour	- - - 210 - - -
4 Spot Elevation	+05.5
5 Direction of Drainage	→

Reviewed for HOWARD SCD  
 Name: [Signature]  
 and meets Technical Requirements  
 Signature: [Signature] Date: 5/20/88  
 U.S. Soil Conservation Service

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

Approved: [Signature] Date: 5-20-88

Patuxent Woods Joint Venture hereby authorizes American Standard Construction Co to utilize the existing sediment and erosion control measures shown on Plan F-87-42 for sediment control for this project IF Patuxent Woods Joint Venture removes the existing sediment and erosion control measures prior to completion of SDP 88-166, a revised sediment and erosion control plan shall be required

Developer: D. McEacham Date: 5/2/88

**CERTIFICATE**

I/We certify that all development and construction will be done in accordance with 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 its authorized agents as are deemed necessary.

Signature of Developer/Builder: [Signature] Date: 3/16/88

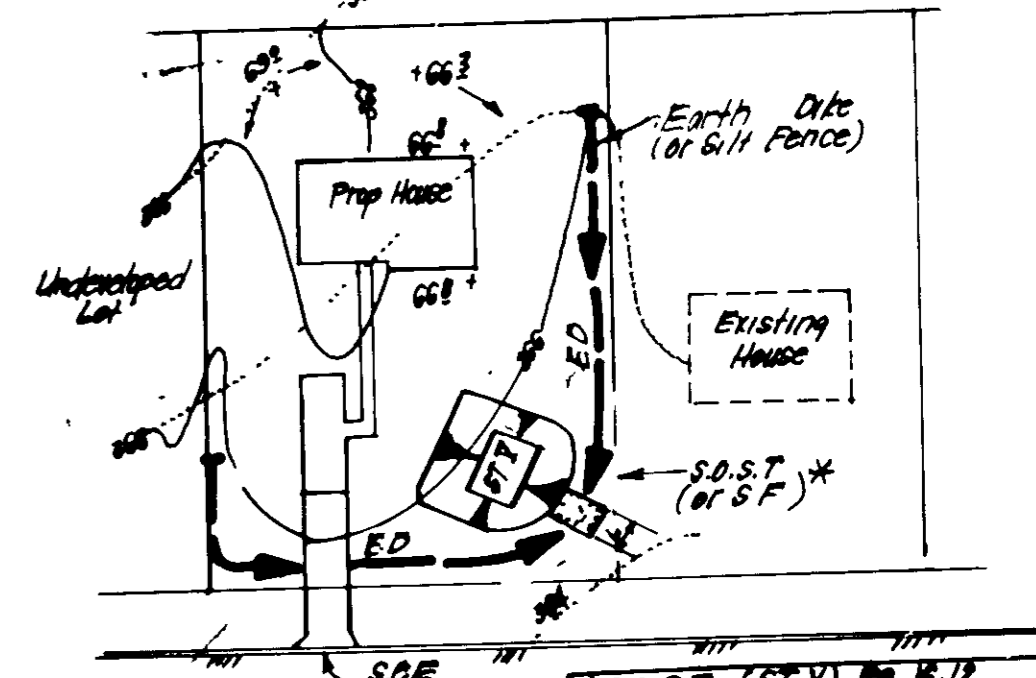
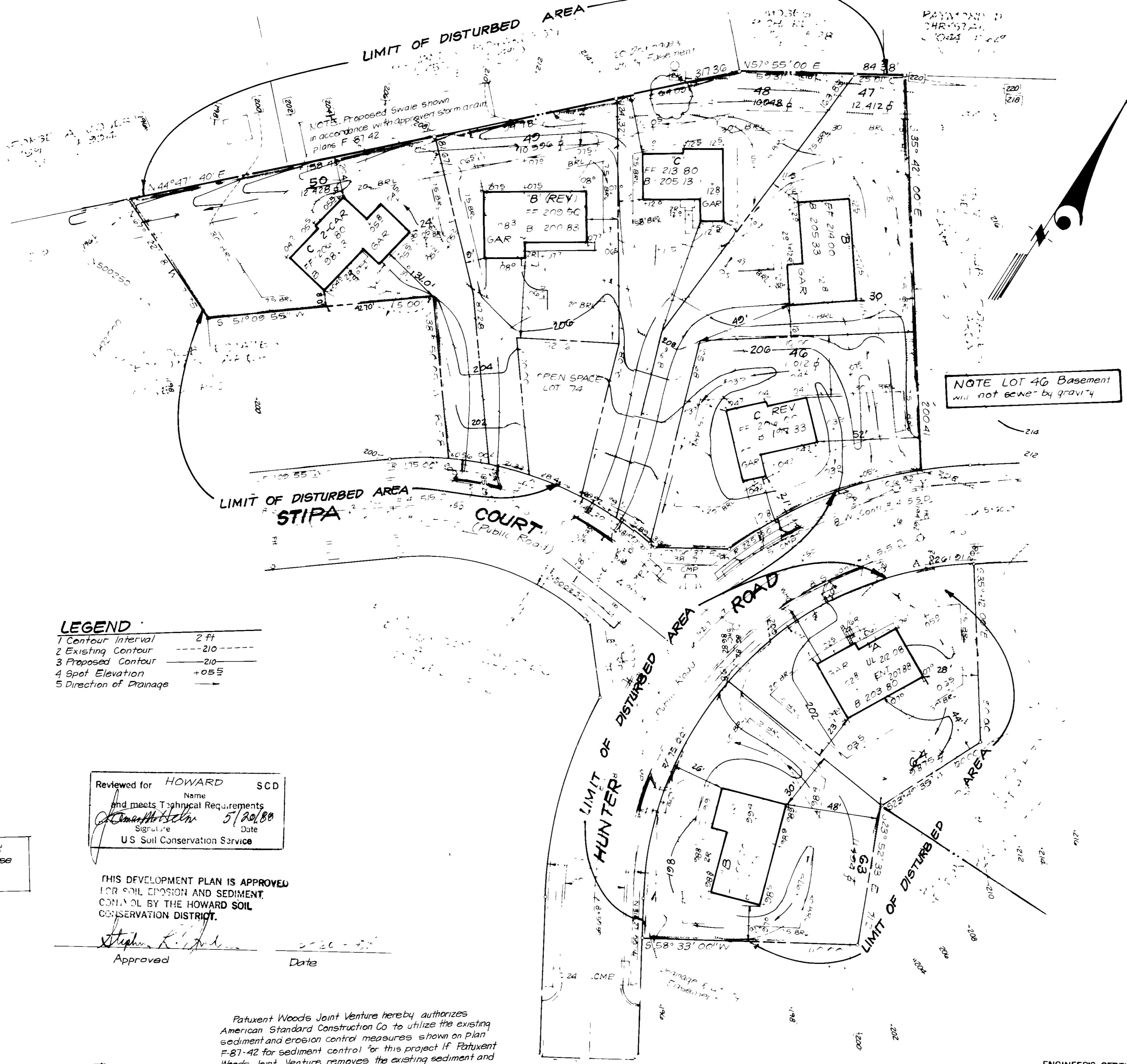
**ENGINEER'S CERTIFICATE**

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.

G. Nelson Clark Date: 3-17-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-31-88  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: [Signature] DATE: 5/2/88  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 5-26-88  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 5/26/88

4-7-88



\* NOTE: Single lot detail can not be utilized if any two lots sharing common property line are to be disturbed at the same time or on any lots showing a sediment trap

**SINGLE LOT SEDIMENT CONTROL PLAN**  
 NO SCALE

**CLARK • FINEFROCK & SACKETT, INC**  
 ENGINEERS • PLANNERS • SURVEYORS  
 7135 MINSTREL WAY • COLUMBIA, MD 21015 • (301) 381-1200 • BALTO. • (301) 381-1111

DESIGNED G.L.B.	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 4G THRU 5D, 63 & 64 <b>HUNT CLUB ESTATES</b> SECTION B - AREA 1 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN V.H.C.		DRAWING 2 OF 2
CHECKED G.L.B.		JOB NO 87-151
DATE March, 1988	FOR American Standard Construction, Inc 8841 Monard Drive Silver Spring, Maryland 20910	FILE NO 87-151 SE

SDP-88-166

**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, 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 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).
  - 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.

**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.

**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.

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

**TEMPORARY SEEDING NOTES**

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 sq ft)

**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 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.