

**GENERAL NOTES**

- The Land included in this plan is shown in...
- Coordinates shown herein are a mass...
- All roadways are public and are shown...
- Total Area included in this plan 148.00...
- Any damage to plants, animals, or...
- Total number of lots in this plan: 6
- Storm Water Management for this...
- Lot Coverage 30%
- Sediment & erosion control provided by previously approved plans...

**LEGEND**

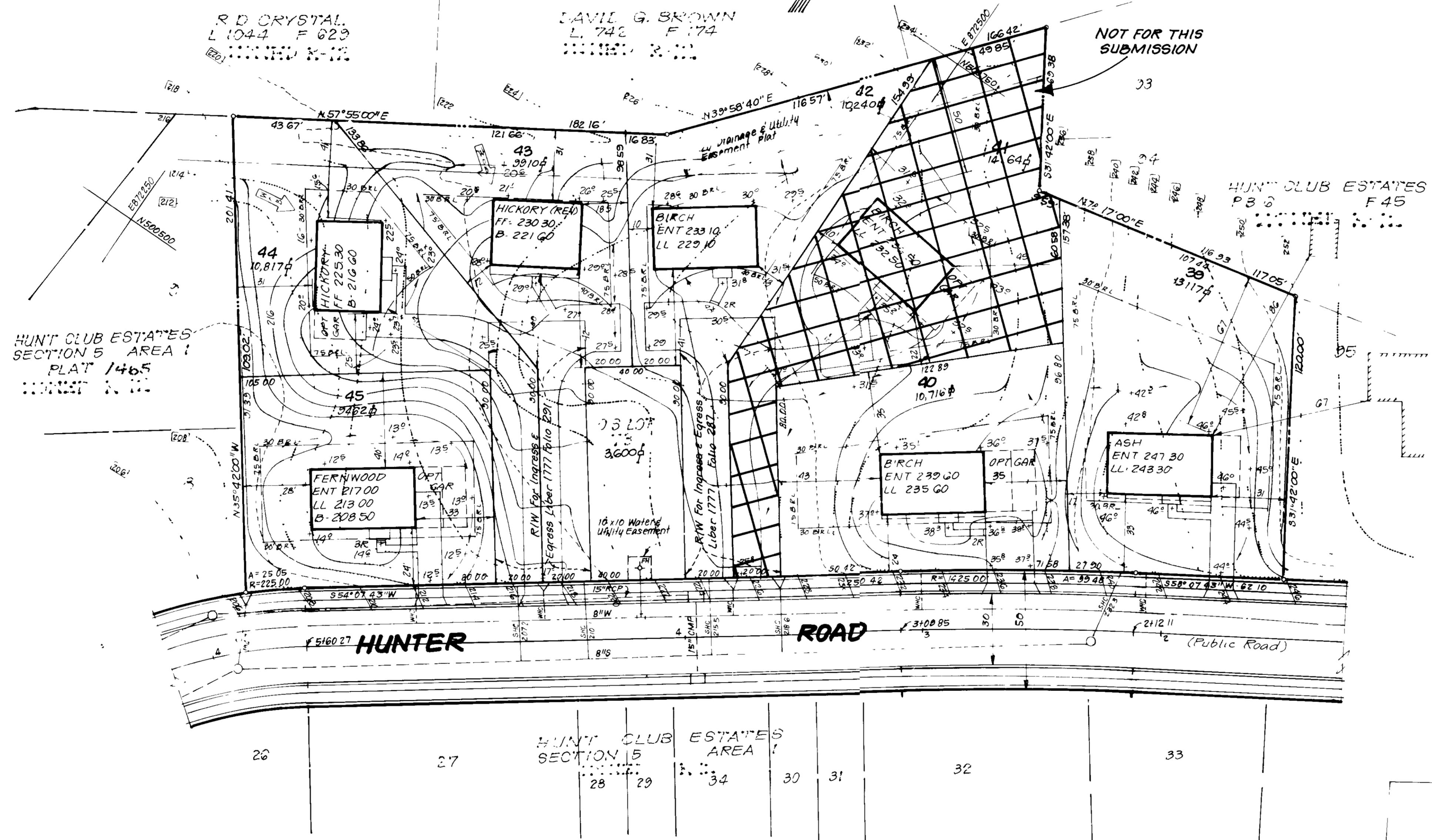
- Contour Interval 1'
- Existing Contour 3'
- Proposed Contour 3'
- Spot Elevation 1'
- Direction of Flow 1:00:00
- Walk Out Baseline 1'
- 100 Year Flood Plain Elev. 1'...

Note: The Office of Planning and Zoning file reference numbers are S 8412, P-85-34, & F 8742

**SPECIAL NOTES**

- Approved Road Construction Plans shall be used for all public utilities.
- Public water & sewer shown for reference. For more detailed information - see water & sewer plans Contract No. C-14-1515 D.
- The water & sewer house connections shall be included in a "Developer's Agreement" shall conform to Howard County Plumbing Code. The connections to W.H.C. shall be 1" copper and the S.H.C. shall be 2" steel central facility, under F-87-42.
- Storm Water Management provided for this plan is central facility, under F-87-42.

Note: Existing topography taken from Kidde Consultants, Inc drawing number GP 86 77



ADDRESS CHART			
LOT NO.	STREET	ADDRESS	
39	GG30	HUNTER ROAD	
40	GG40		
41	GG41		
42	GG42		
43	GG43		
44	GG44		
45	GG45		

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

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

DIVISION OF ZONING, HOWARD COUNTY, MARYLAND, 12-31-87

NO	REVISION	DATE
1	Revise SDP to reflect record plat change	4-2-88

Building Restriction Lines  
Front 20' (Unless Otherwise Noted)  
Side 7.5'  
Rear 30'



CLARK • FINEROCK & SACKETT  
ENGINEERS • PLANNERS • SURVEYORS

SITE DEVELOPMENT PLAN  
LOTS 39, 40, 42-45

HUNT CLUB ESTATES  
SECTION 5 AREA 1  
1ST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

ALLIED CONSTRUCTION CORP  
5373 Hesperus Drive  
Columbia, Md 21044

SCALE: 1"=50'  
DRAWING: 1 of 2  
JOB NO: 87-150  
FILE NO: 87-150-X

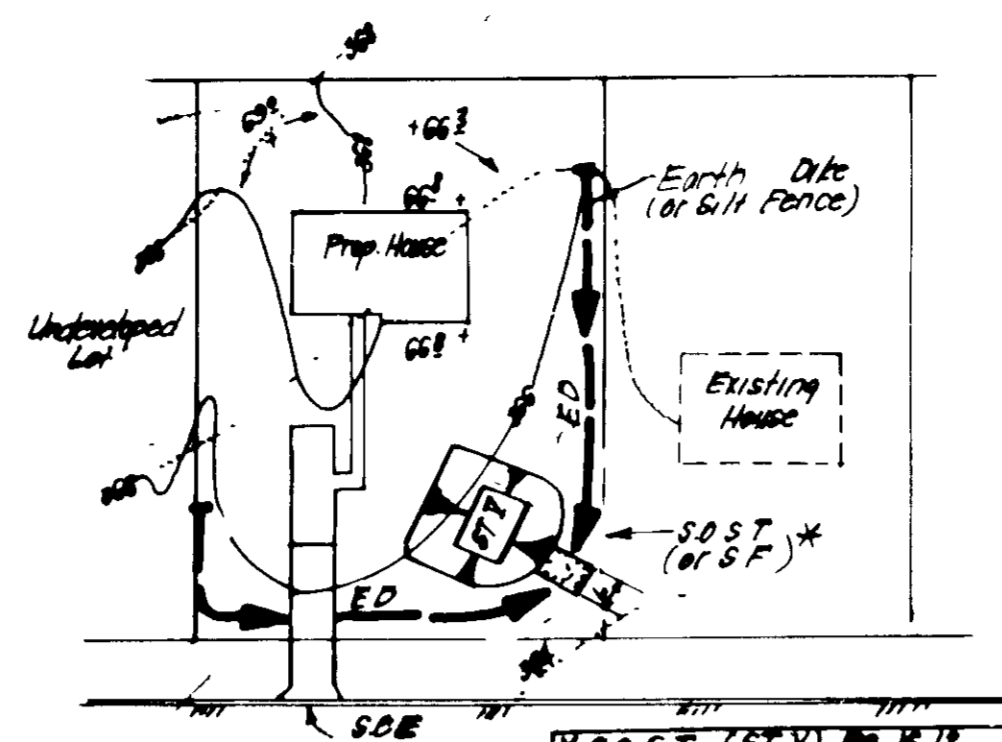
DATE: 12-7-87

SDP 88-114

**SEDP-1 CONTROL NOTES**

- 1) A minimum of 30 days notice must be given to the District 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 30 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 11, 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 dates 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	1.98 Acres
Area Disturbed	1.01 Acres
Area to be roofed or paved	0.23 Acres
Area to be vegetatively stabilized	0.06 Acres
Total Cut	1000 Cu yds
Total Fill	300 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-Sold" 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.



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

Lot No.	Area (sq ft)	Area (Acres)
1	10,000	0.23
2	10,000	0.23
3	10,000	0.23
4	10,000	0.23
5	10,000	0.23
6	10,000	0.23
7	10,000	0.23
8	10,000	0.23
9	10,000	0.23
10	10,000	0.23
11	10,000	0.23
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97	10,000	0.23
98	10,000	0.23
99	10,000	0.23
100	10,000	0.23

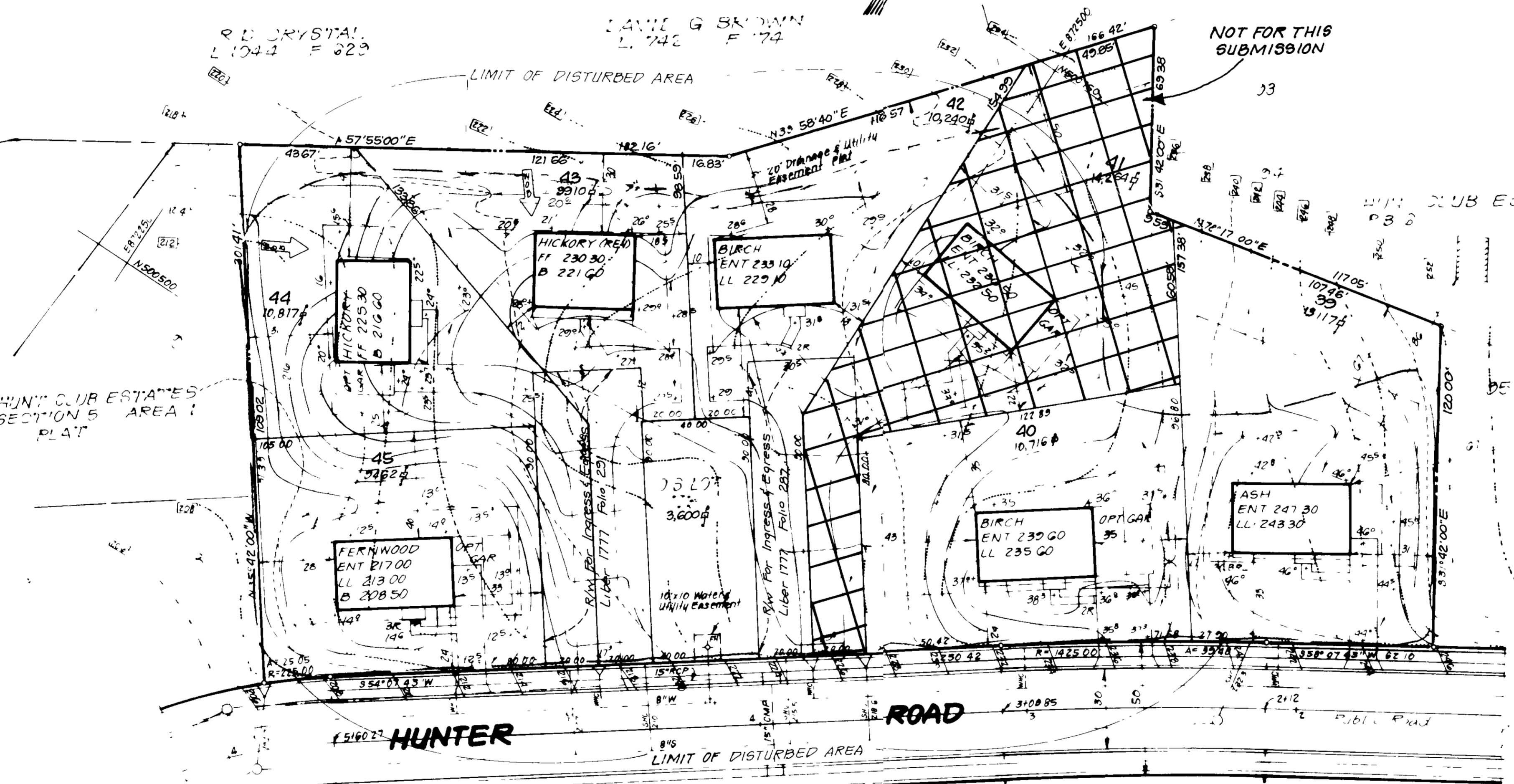
**SINGLE LOT SEDIMENT CONTROL PLAN**  
NO SCALE

GRADING SHOWN IN EXISTING 20 DRAINAGE & UTILITY EASEMENT TAKEN FROM PREVIOUSLY APPROVED PLANS F 87-42

Reviewed for Howard S.C.D. and meets Technical Requirements  
 Name: *James M. Nelson*  
 Signature: *[Signature]*  
 Date: *1-21-88*  
 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: *1-21-88*



**CONSTRUCTION SEQUENCE**

Activity	Days
A. Obtain Grading Permit	2
B. Excavate for foundations and Rough Grade of temporarily stabilized	35
C. Construct Structures, Sidewalks and Driveways	250
D. Final Grade and stabilize in accordance with Stds. & Specs	15

NOTE: All sediment & erosion controls installed under F87-42 & 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: 1' (10')
  - 2 Existing Contour: 10'
  - 3 Proposed Contour: 10'
  - 4 Spot Elevation: 10'
  - 5 Direction of Flow: 10'
  - 6 Walk Out Base: 10'
  - 7 100 Year Flood Plain: 10'

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent or mixed vegetative cover is needed.

**Seedbed Preparation** - Loosen upper three inches of soil by raking, discing or other acceptable means before seeding. *not necessarily required*

**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. 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 (14 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 ft or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Inspection** - Inspect all seeded areas and make needed repairs, replacements and reseeding.

**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. *not necessarily required*

**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 24 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 rates and methods not covered.

**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 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, where deemed necessary."

*[Signature]*  
 Signature of Developer/Builder  
 Date: *12-8-87*

**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]*  
 G. Nelson Clark  
 Date: *1-21-88*



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT <i>[Signature]</i> 2-11-88 DATE	APPROVED DIVISION OF LAND USE AND ZONING HOWARD COUNTY DATE: <i>12-31-87</i>
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING <i>[Signature]</i> 2-21-88 DATE	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>[Signature]</i> 1-21-88 DATE	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>[Signature]</i> 2-8-88 DATE	

Patuxent Woods Joint Venture hereby authorizes Allied Construction Corporation 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 & erosion control measures prior to completion of SDP 88-114, a revised sediment and erosion control plan shall be required.

*[Signature]* 1-21-88  
 Date  
 Developer

NO.	REVISION	Date
1	Revise S&E plan to reflect changes on record Plat	4-2-88

<b>CLARK • FINEROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 5873 Hesperus Drive Columbia, Md. 21044		
DESIGNED GLB	SEDIMENT AND EROSION CONTROL PLAN LOT'S 39, 40, 42-45	SCALE 1" = 30'
DRAWN PDM	<b>HUNT CLUB ESTATES</b>	DRAWING 2 of 2
CHECKED GLB	SECTION 5 AREA 1	JOB NO. 87-150
DATE 12-7-87	19T ELECTION DISTRICT HOWARD COUNTY MARYLAND	FILE NO. 87-1508E
	FOR ALLIED CONSTRUCTION CORP 5873 Hesperus Drive Columbia, Md. 21044	

**SDP-88-114**