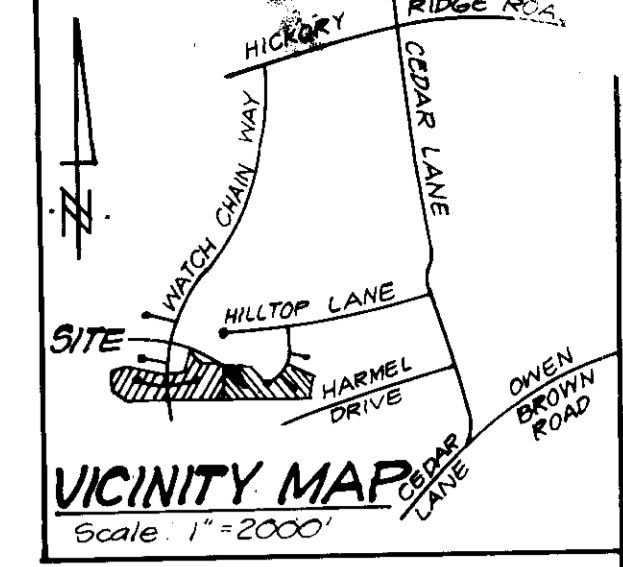


**GENERAL NOTES:**

- The Land included is zoned: R5C
- All coordinates shown hereon are based on Maryland State Plane as projected by Ho Co Monuments #2630002 & #2630003
- The area covered in this plan is located on Tax Map # 35
- The total area included in this plan is 6.67 Acres.
- All roadways are public and existing
- Any damage to County owned rights-of-way shall be corrected at the Developer's expense.
- The total number of lots included in this plan is: 31
- Maximum building coverage - 40%

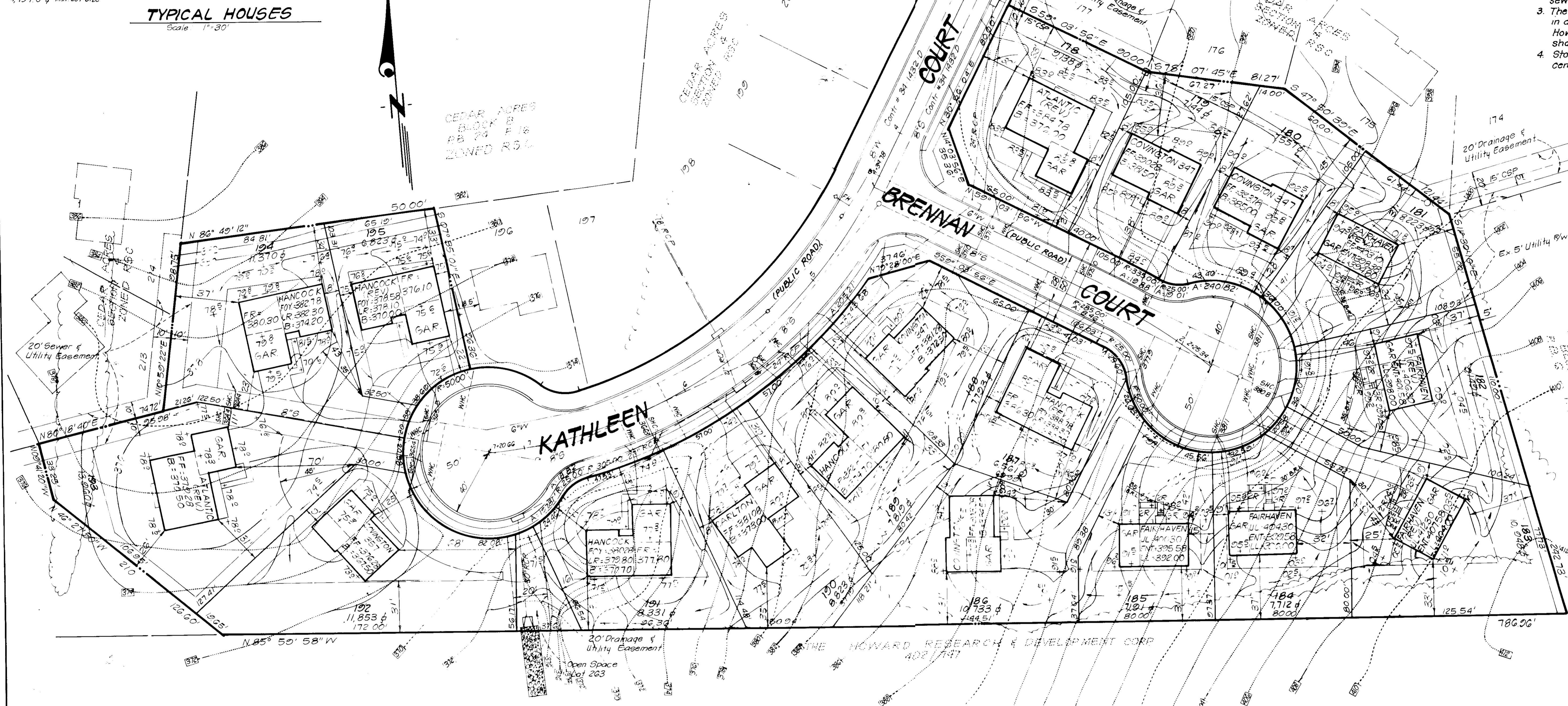


**SPECIAL NOTES**

- Approved Road Construction Plans shall be used for all public utilities
- Public water & sewer shown for reference only. For more detailed information - see water and sewer plans Contract No. 34-1432-D.
- The water & sewer house connections not included in a "Developer's Agreement" shall conform to Howard County Plumbing Code. The on-site W.H.C. shall be 1" copper and the S.H.C. shall be 4" iron.
- Storm Water Management provided for by a central facility under F-83-120

**LEGEND:**

- Contour Interval 2 ft
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Existing trees to be saved
- Walk Out Basement



**ADDRESS CHART**

LOT #	STREET	ADDRESS
178	10201 Brennan Court	
179	10205	
180	10209	
181	10213	
182	10217	
183	10221	
184	10225	
185	10229	
186	10233	
187	10237	
188	10241	
189	10245	
190	10249	
191	10253	
192	10257	
193	10261	
194	10265	
195	10269	

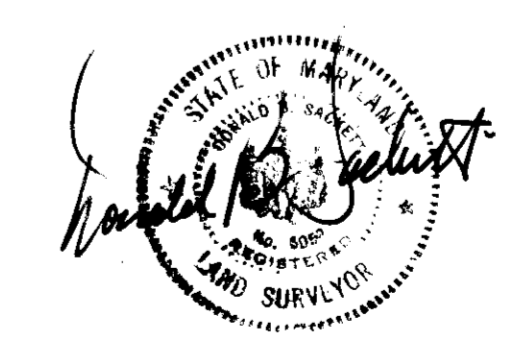
SUBDIVISION NAME <b>CEDAR ACRES</b>	SECT./AREA 4	LOTS 18-195 20, 216, 25, 257
PLAT # 7111-7114	BLOCK # 10, 11, 14, 17	ZONE R.S.C.
WATER CODE E-27	SEWER CODE 6531000	TAX MAP 35P224102

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
DATE 4-13-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE 4-15-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 4-15-87

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 12-15-86



**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 583-3400

DESIGNED: BAF  
DRAWN: VHL  
CHECKED: J.M.E.  
DATE: 11-10-86

**SITE DEVELOPMENT PLAN**  
LOTS 178 THRU 195, 210 THRU 214 & 218 AND 251 THRU 257

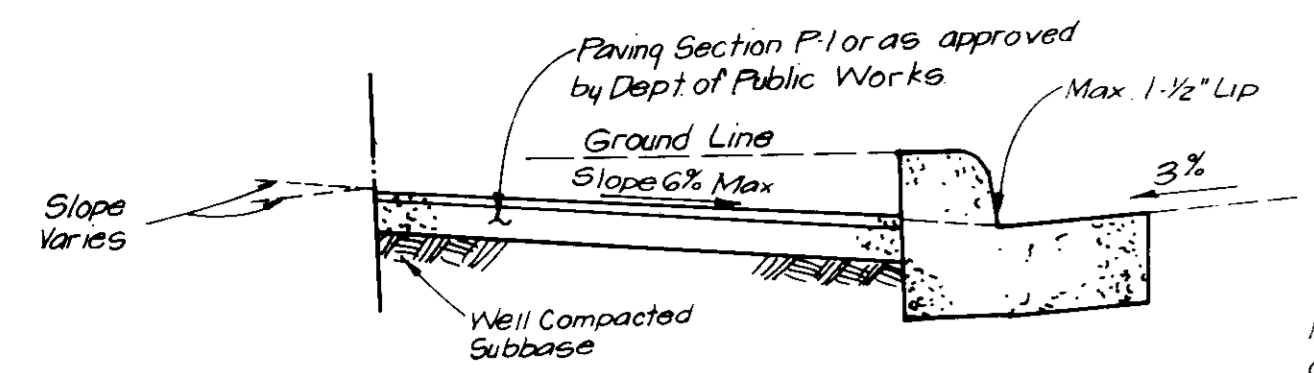
**SECTION 4**  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR: DIVERSIFIED HOMES CORP OF MD  
10705 Charter Drive, Suite 420  
Columbia, MD 21044

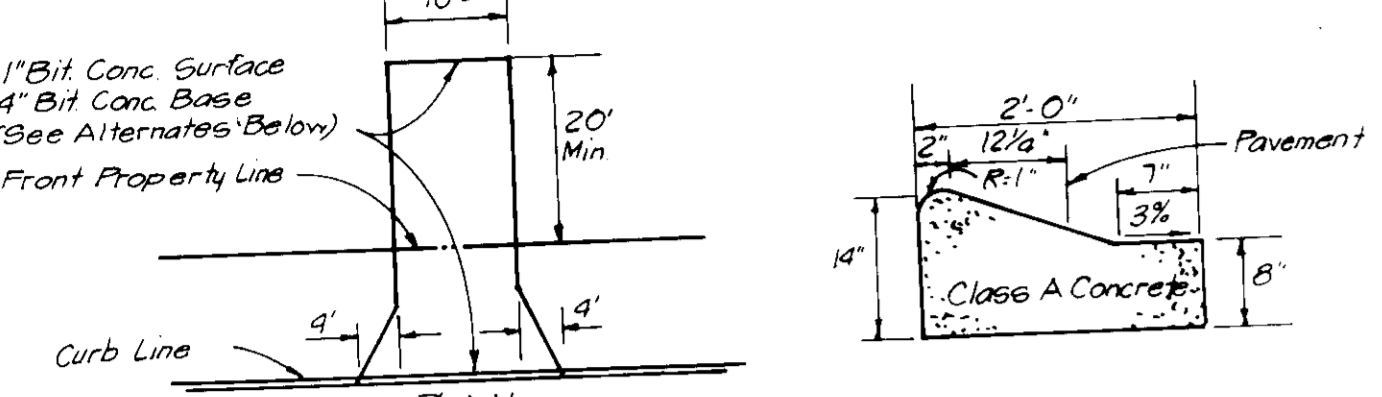
SCALE: 1" = 30'  
DRAWING: 1 of 5  
JOB NO.: 86-102  
FILE NO.: 86-102-X

OWNER/DEVELOPER:  
Britam Development Group, Inc.  
9030 Red Branch Rd. Suite 250  
Columbia, Md. 21045

SDP-87-90



NOTE: Materials and Construction shall be done in accordance with HoCo Road Construction Code.



**DRIVEWAY ABUTTING MODIFIED COMB CURB & GUTTER\***

ALTERNATE #1  
 1" Bit Conc. Surface  
 4" Bit Conc. Base  
 5" Gravel

\* See Ho Co Std R-301 for 6" to 7" Comb Curb & Gutter necessary on the Cul De Sac



LOT #	STREET	ADDRESS
210	G121	Watch Chain Way
211	G102	Forestvale Court
212	G106	
213	G110	
214	G114	
218	G103	
25	G100	Striker Court
252	G104	
253	G108	
254	G113	
255	G109	
256	G105	
257	G101	

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 4-13-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 4-15-87

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DIRECTOR: *[Signature]* DATE: 4-14-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 4-12-87

CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 4-12-87

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 12-15-86  
*[Signature]*



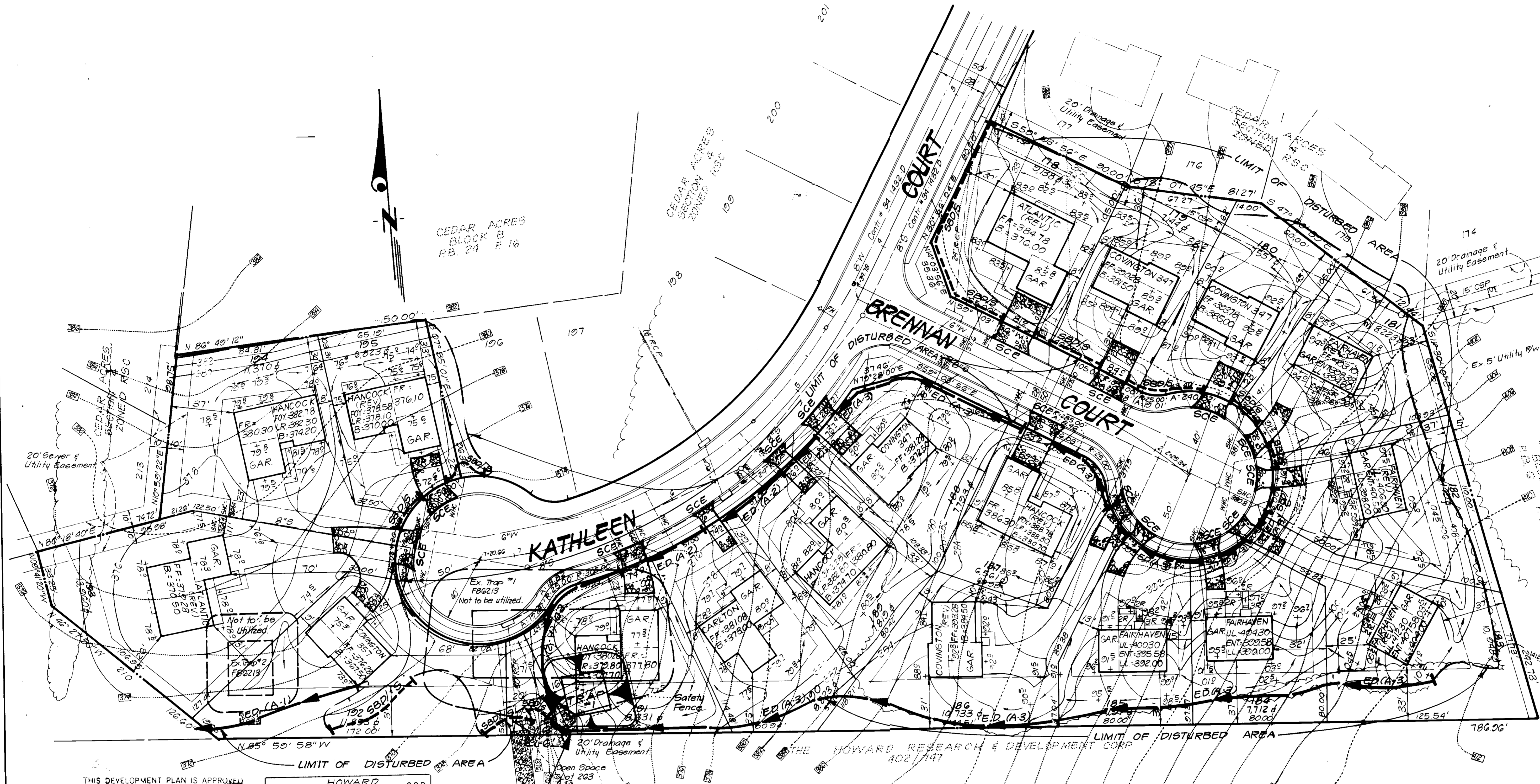
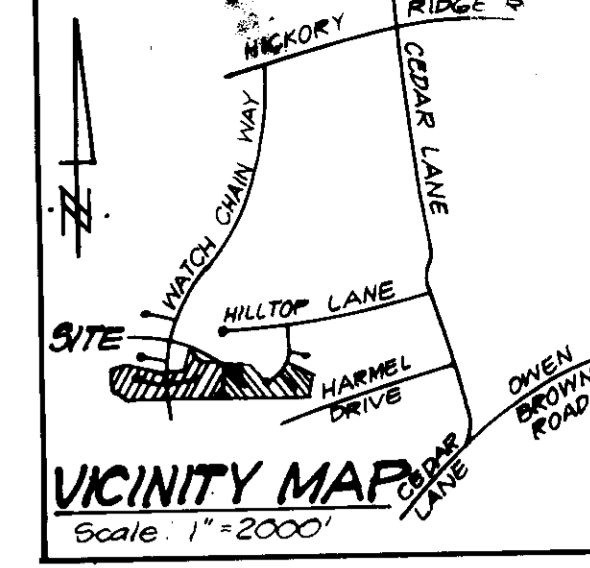
OWNER/DEVELOPER:  
 Britam Development Group, Inc.  
 9030 Red Branch Rd. Suite 250  
 Columbia, Md. 21045

**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS  
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED: BAF  
 DRAWN: VHL  
 CHECKED: JME  
 DATE: 11-10-86

**SITE DEVELOPMENT PLAN**  
 LOTS 178 THRU 195, 210 THRU 214 & 218 AND 251 THRU 257  
**CEDAR ACRES**  
 SECTION 4  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: DIVERSIFIED HOME CORP OF MD  
 10705 Charter Drive - Suite 420  
 Columbia, MD. 21044

SCALE: 1" = 30'  
 DRAWING: 2 of 5  
 JOB NO.: 86-106  
 FILE NO.: 86-106  
 SDP-87-90



- LEGEND:**
- 1 Contour Interval 2 ft
  - 2 Existing Contour
  - 3 Proposed Contour
  - 4 Spot Elevation +10.5
  - 5 Direction of Drainage
  - 6 Existing trees to be saved
  - 7 Walk Out Basement
  - 8 Earth Dike
  - 9 Straw Bale Dike/Silt Fence
  - 10 Stabilized Construction Entrance

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

Reviewed for **HOWARD** S.C.D.  
Name  
and meets Technical Requirements  
Signature Date  
U.S. Soil Conservation Service

**TRAP #1 (S.O.S.T. ST-V)**  
DA: 1.5 AC.  
Storage Required: (1.5)(1800) = 2700 cf.  
Storage Provided: 2700 cf.  
Depth: 3'  
Stone Crest Elevation: 362.0  
Bottom Elevation: 365.0  
Bottom Dimensions: 24' x 24'  
Clean-Out Elevation: 366.5  
Top of Berm: 370.5  
NOTE: Site mass graded under F 86-213

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
I hereby 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 development is started. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are required herein.

*B. Paul Montgomery* 11/6/86  
Signature of Developer/Builder Date

**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.

*Jeffrey* 11-7-86  
Signature Date

**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT**  
Signature: *Stephen L. Fisher* 4-13-87  
DATE

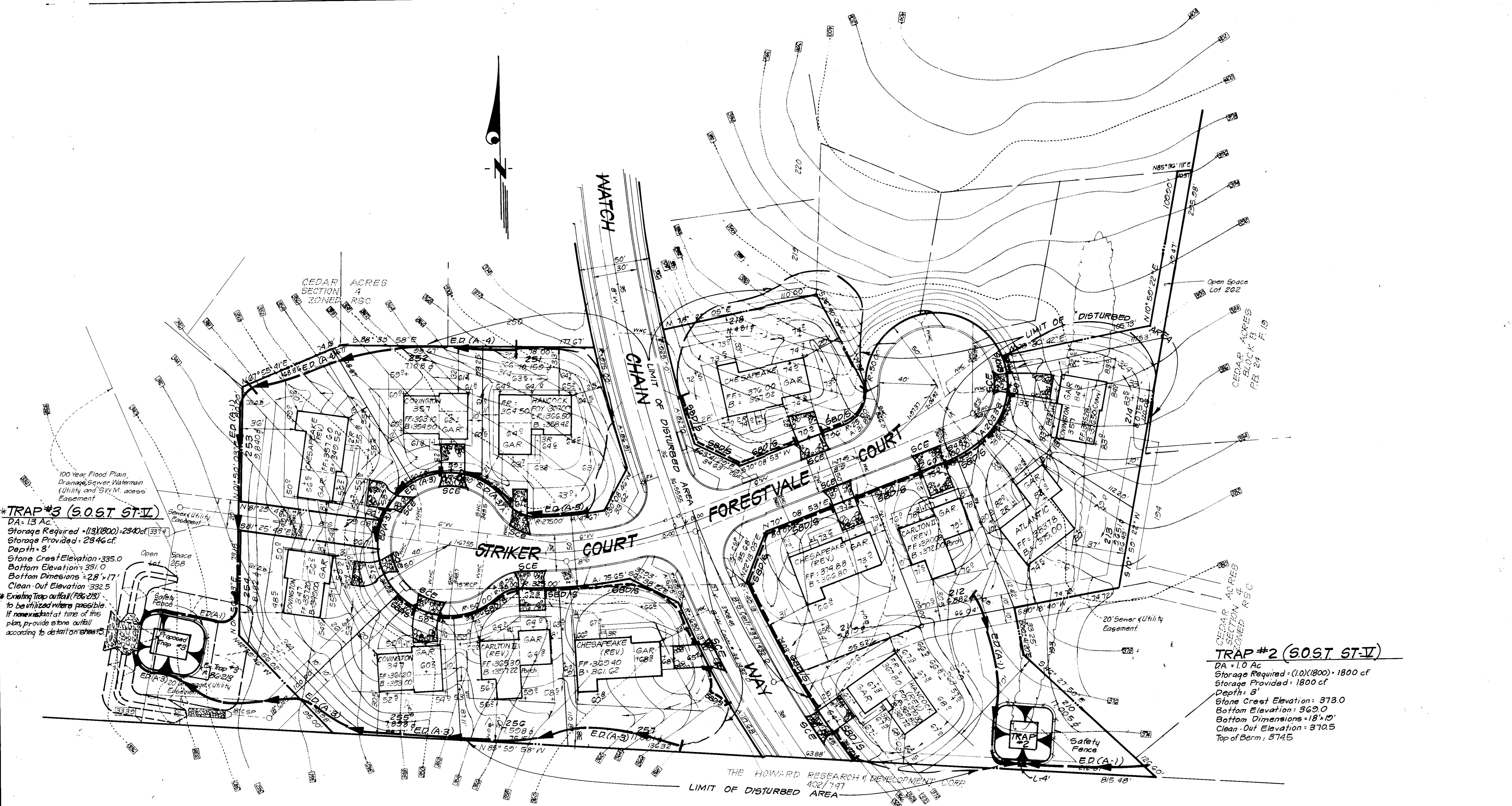
**APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
Signature: *Howard D. Hamrick* 4-13-87  
DATE

**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
Signature: *W. F. Nunnally* 4-10-87  
DATE

**APPROVED: CHIEF BUREAU OF ENGINEERING**  
Signature: *W. F. Nunnally* 4-9-87  
DATE

APPROVED  
Signature: *W. F. Nunnally*  
DATE: 12-15-86

<b>CLARK · FINEFROCK &amp; SACKETT</b> ENGINEERS · PLANNERS · SURVEYORS		(301) 583-3400
11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904		SCALE: 1"=30'
DESIGNED: GLB	SEDIMENT & EROSION CONTROL PLAN LOTS 178 THRU 195, 210 THRU 214 & 218 AND 251 THRU 257	
DRAWN: VHL	<b>CEDAR ACRES</b>	
CHECKED: GLB	SECTION 4	
DATE: 11-5-86	5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
	FOR: DIVERSIFIED HOMES CORP OF MD 10705 Charter Drive - Suite 420 Columbia, MD 21044	
	JOB NO.: 86-10 FILE NO.: 86-103	
	<b>SDP-87-90</b>	



**\*TRAP #3 (S.O.S.T. ST-V)**  
 DA = 13 Ac.  
 Storage Required = (13)(1800) = 23400 cf  
 Storage Provided = 2346 cf  
 Depth = 3'  
 Stone Crest Elevation = 335.0  
 Bottom Elevation = 331.0  
 Bottom Dimensions = 28' x 17'  
 Clean-Out Elevation = 332.5  
 Existing trap outlet (R86-218) to be utilized where possible. If none available at time of this plan, provide stone outfall according to detail on sheets.

**TRAP #2 (S.O.S.T. ST-V)**  
 DA = 1.0 Ac.  
 Storage Required = (1.0)(1800) = 1800 cf  
 Storage Provided = 1800 cf  
 Depth = 3'  
 Stone Crest Elevation = 373.0  
 Bottom Elevation = 369.0  
 Bottom Dimensions = 18' x 10'  
 Clean-Out Elevation = 370.5  
 Top of Berm = 374.5

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 County Health Officer: *Boyd* 4-13-87  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 Planning Director: *Donna* 4-15-87  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Director: *James* 4-10-87  
 Chief Bureau of Engineering: *...* 4-9-87

DIVISION OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
 DATE 12-15-86

Reviewed for **HOWARD S.C.D.**  
 Name: *Howard S.C.D.*  
 and meets Technical Requirements  
 Signature: *...* Date: *4-6-87*  
 U.S. Soil Conservation Service  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *Stephen L. Hales* 4/6/87  
 APPROVED DATE

DEVELOPER'S/BUILDER'S CERTIFICATE  
 I hereby certify that all development and construction will be done according to this plan of development and all erosion and sediment control measures...  
 Signature: *B. Paul Montgomery* 11/6/86  
 Signature of Developer/Builder: *B Paul Montgomery*

ENGINEER'S CERTIFICATE  
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my professional knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
 Signature: *Jeffrey...* 11-7-86  
 Date

<b>CLARK · FINEFROCK &amp; SACKETT</b> ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 583-3400	
DESIGNED G L B	SCALE 1" = 30'
DRAWN VHL	DRAWING 4 of 5
CHECKED G L B	JOB NO. 86-106
DATE 11-5-86	FILE NO. 86-106 GE
<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 178 THRU 195, 210 THRU 214 & 218 AND 251 THRU 257 <b>CEDAR ACRES</b> SECTION 4 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: DIVERSIFIED HOME CORP OF MD 10705 Charter Drive - Suite 420 Columbia, MD 21044	

OWNER/DEVELOPER:  
 Britam Development Group, Inc.  
 9030 Red Branch Rd, Suite 250  
 Columbia, Md. 21045

SDP-87-90

**SEDIMENT 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. (992-2437)
- 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.
- 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 perimeter 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 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.
- 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	6.584 Acres
Area Disturbed	6.381 Acres
Area to be roofed or paved	1.127 Acres
Area to be vegetatively stabilized	5.254 Acres
Total Cut	31,190 Cu. yds
Total Fill	11,780 Cu. yds
Offsite waste/borrow area location	N/A
- 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 DPW 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 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.
- If houses are to be constructed on an "As-Sold" basis, at Random, Single Lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below), N/A
- The total amount of straw bale dikes/silt fence equals 1000 L.F.

**PERMANENT SEEDING NOTES**

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

**Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) before seeding, and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) at time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 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.

**Maintenance -** 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.

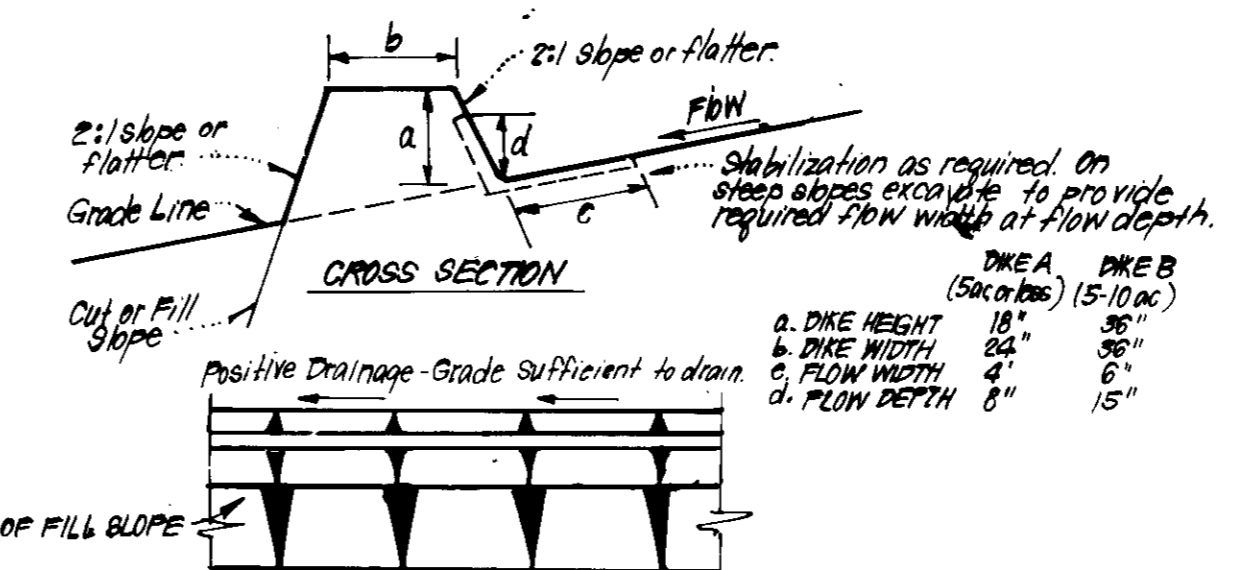
**Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**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 28 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.



**CONSTRUCTION SPECIFICATIONS:**

- All dikes shall be compacted by earth-moving equipment.
- All dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired, to facilitate crossing by construction traffic.
- Field location should be adjusted as needed to utilize a stabilized safe outlet.
- Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
- Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

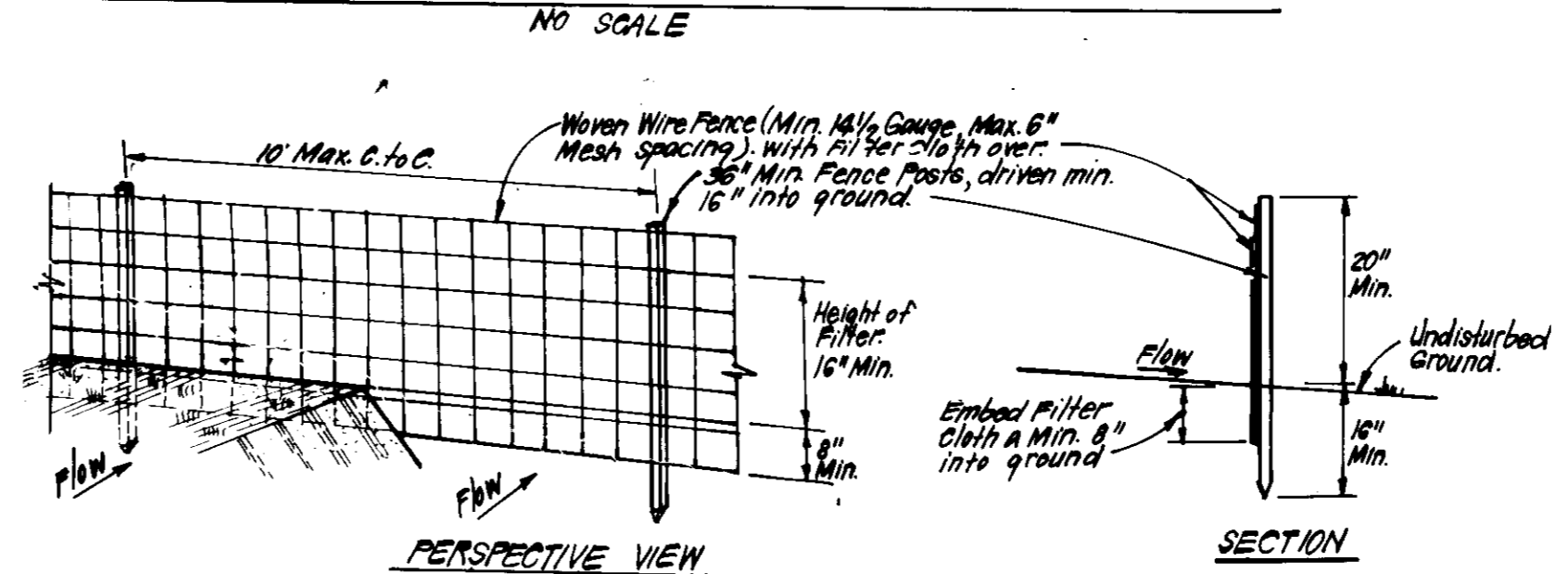
**FLOW CHANNEL STABILIZATION**

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	0.5 - 3.0%	Seed & Straw Mulch	Seed or Straw Mulch
2	3.1 - 5.0%	Seed & Straw Mulch	Seed with an Excelsior Sod, 2" Stone
3	5.1 - 10.0%	Seed with or w/o 2" Stone	Lined Rip Rap 4" - 8" Stone
4	8.1 - 20.0%	Lined Rip Rap 4" - 8" Stone (Engineering Design)	

A. Stone to be 2" Stone, or recycled concrete equivalent, in a layer at least 3" thick and be pressed into soil with construction equipment.  
 B. Rip Rap to be 4"-8" in a layer at least 8" thick, pressed into soil.  
 C. Approved equivalents can be substituted for any of the above materials.

7. Periodic inspection and required maintenance must be provided after each rain.

**EARTH DIKE DETAIL (E.D.)**

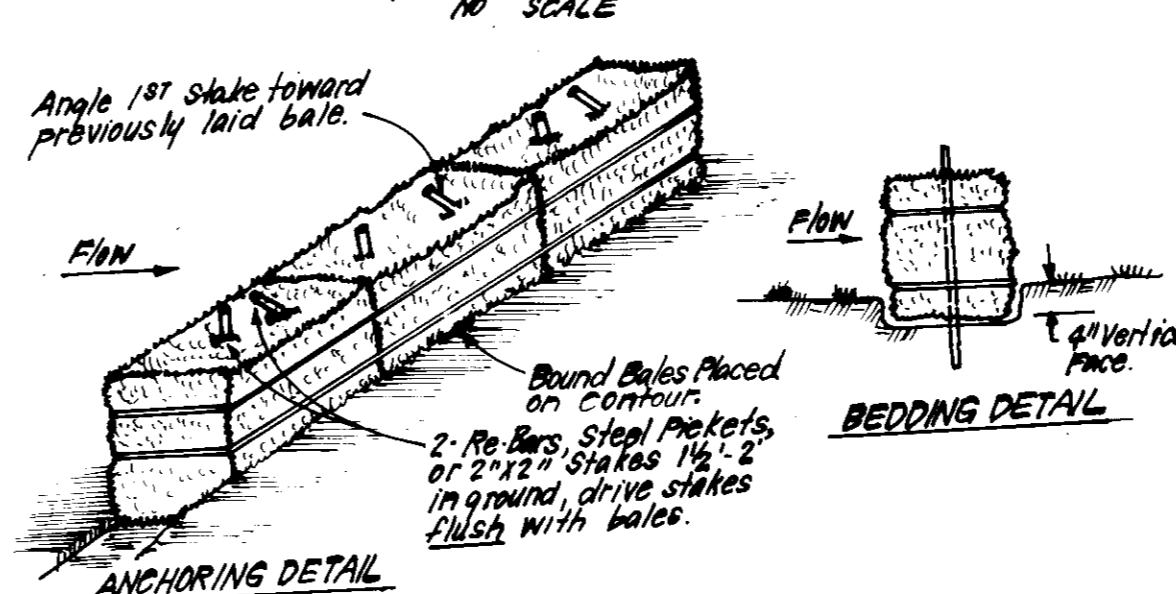


**CONSTRUCTION SPECIFICATIONS:**

- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
- When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
- Maintenance shall be performed as needed and material removed when bulges develop in silt fence.

**POSTS:** Steel, either T or U Type or 2" Hardwood.  
**FENCE:** Woven Wire, 14 1/2 Gauge, 6" Max. Mesh Spacing.  
**FILTER CLOTH:** Filter Cloth, Min. 80% Stab. Lin. T100 or Approv. equiv. PREPARED UNIT: Geotext. Environment, or Approv. equal.

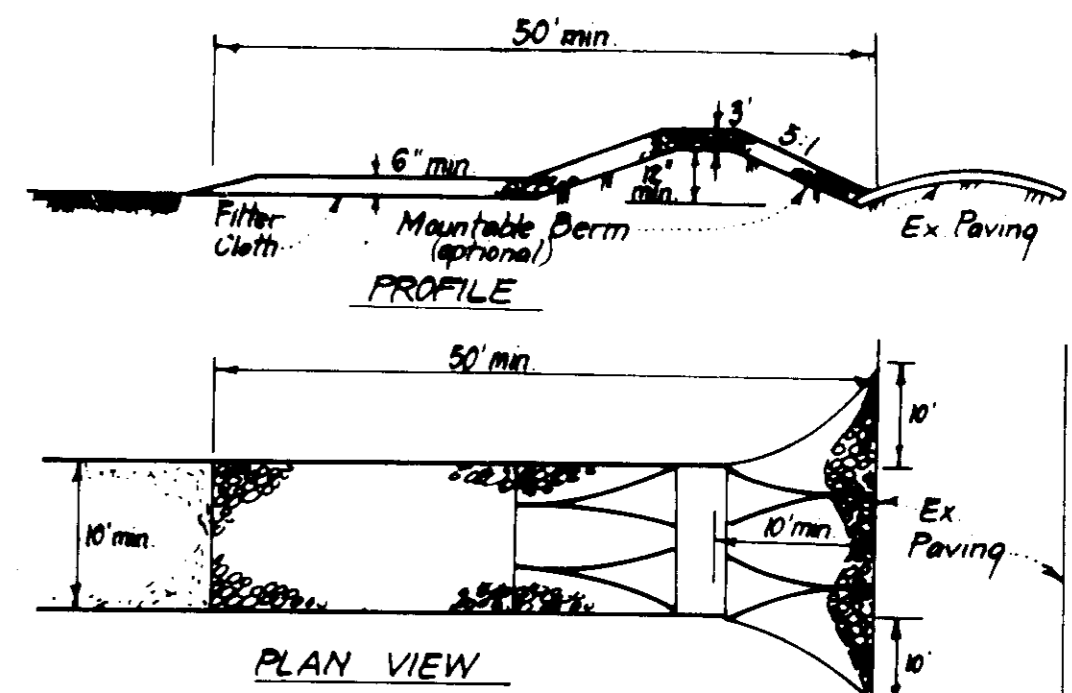
**SILT FENCE DETAIL (S)**



**CONSTRUCTION SPECIFICATIONS:**

- Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
- Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
- Bales shall be securely anchored in place by either 2 stakes or rebar driven thru the bale. The 1st stake in each bale shall be driven flush with the bale.
- Inspection shall be frequent and repair/replacement shall be made promptly as needed. The bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

**STRAW BALE DIKE DETAIL (SBD)**



**CONSTRUCTION SPECIFICATIONS:**

- Stone size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (exception a single residence 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 ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slopes 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. No conditions damaged and/or repair and/or cleanout of any materials used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- 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.
- Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**

NO SCALE

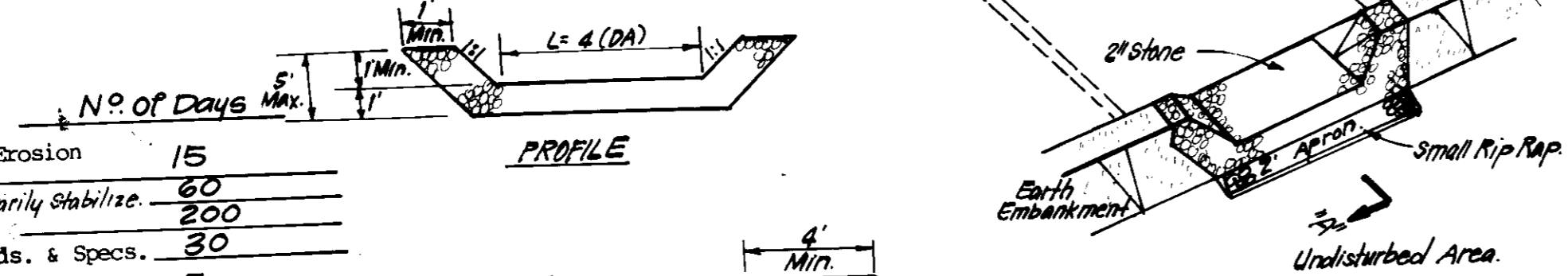
**CONSTRUCTION SEQUENCE:**

A.	Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.	15
B.	Excavate for Foundations and Rough Grade & Temporarily Stabilize.	60
C.	Construct Structures, Sidewalks and Driveways.	200
D.	Final Grade and stabilize in accordance with Stds. & Specs.	30
E.	Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.	5

\* Delay construction on Lot 101. House to be constructed using Single Lot Control upon trap removal.

NOTE: Houses on Lots 102 & 103 not to be constructed until approval is granted by the Sediment Control Inspector to remove existing trap #2 (FBG-213)

+ Conditions for use and removal of existing sediment controls are contained in FBG-213. Removal or modification of these controls without prior consent and approval by the sediment control inspector is forbidden and will require a plan revision.



**CONSTRUCTION SPECIFICATIONS:**

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The top area shall be graded.
- The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small rip rap 4" - 8" along with 1" thickness of 2" aggregate placed on the up-grade side of the small rip rap or embedded filter cloth in the rip rap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

**STONE OUTLET SEDIMENT TRAP (S.O.S.T.) STV.**

NO SCALE

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 12-15-86

Reviewed for: HOWARD S.C.D.  
 and made the following comments: 1/6/87  
 U.S. Soil Conservation Service

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

APPROVED DATE: 1/6/87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 DATE: 4-13-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE: 4-15-87

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DATE: 4-14-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE: 4-16-87

CHIEF BUREAU OF ENGINEERING  
 DATE: 4-1-87

**DEVELOPER'S CERTIFICATE**

"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, as are deemed necessary."

B. Paul Montgomery 11/6/86

**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.

Jeffrey L. Schmitt 11-7-86

**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 983-3400

**DESIGNED** 6LB  
**DRAWN** VHL  
**CHECKED** 6LB  
**DATE** 11-5-86

**SCALE** As Shown  
**DRAWING** 5 of 5  
**JOB NO.** 86-106  
**FILE NO.** 86-106SE

**SEDIMENT & EROSION CONTROL PLAN**  
 LOTS 118 THRU 125, 210 THRU 214 & 218 AND 251 THRU 257

**CEDAR ACRES**  
 SECTION 4  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**FOR:** DIVERSIFIED HOMES CORP OF MD  
 9030 Red Branch Rd. Suite 250  
 Columbia, Md. 21044

**SDP-87-90**