

LEGEND

- Contour Interval 2 FT
- Existing Contour (dashed line)
- Proposed Contour (solid line)
- Spot Elevation (+10.5)
- Direction of Drainage (arrow)
- Walk out Basement (dotted area)
- Trees to be Saved (cloud symbol)

GENERAL NOTES

1. Subject property zoned R-20 per 8-2-85 comprehensive zoning plan.
2. All coordinates herein are based on the Maryland State Grid System.
3. The coordinates originated with Howard County Control Stations: 3440001 and 3440002.
4. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem and road right-of-way line and not the flag or pipestem lot driveway.
5. Total Number of lots: 9
6. Topography taken from Road Construction plans by Fisher, Collins & Carter, Inc.
7. Maximum lot coverage allowed is 30%.
8. All roads are public.
9. Total area of site: 3.375 Acres
10. Reference File Nos 9-88-103, F 89-18, F 89-126 F 89-18

SPECIAL NOTES

1. All Road Construction, Storm Drainage facilities and Public Water and Sewer are shown for reference only. Use approved Ho. Co. plans for all phases of construction.
2. Stormwater Management provided for by F-89-126

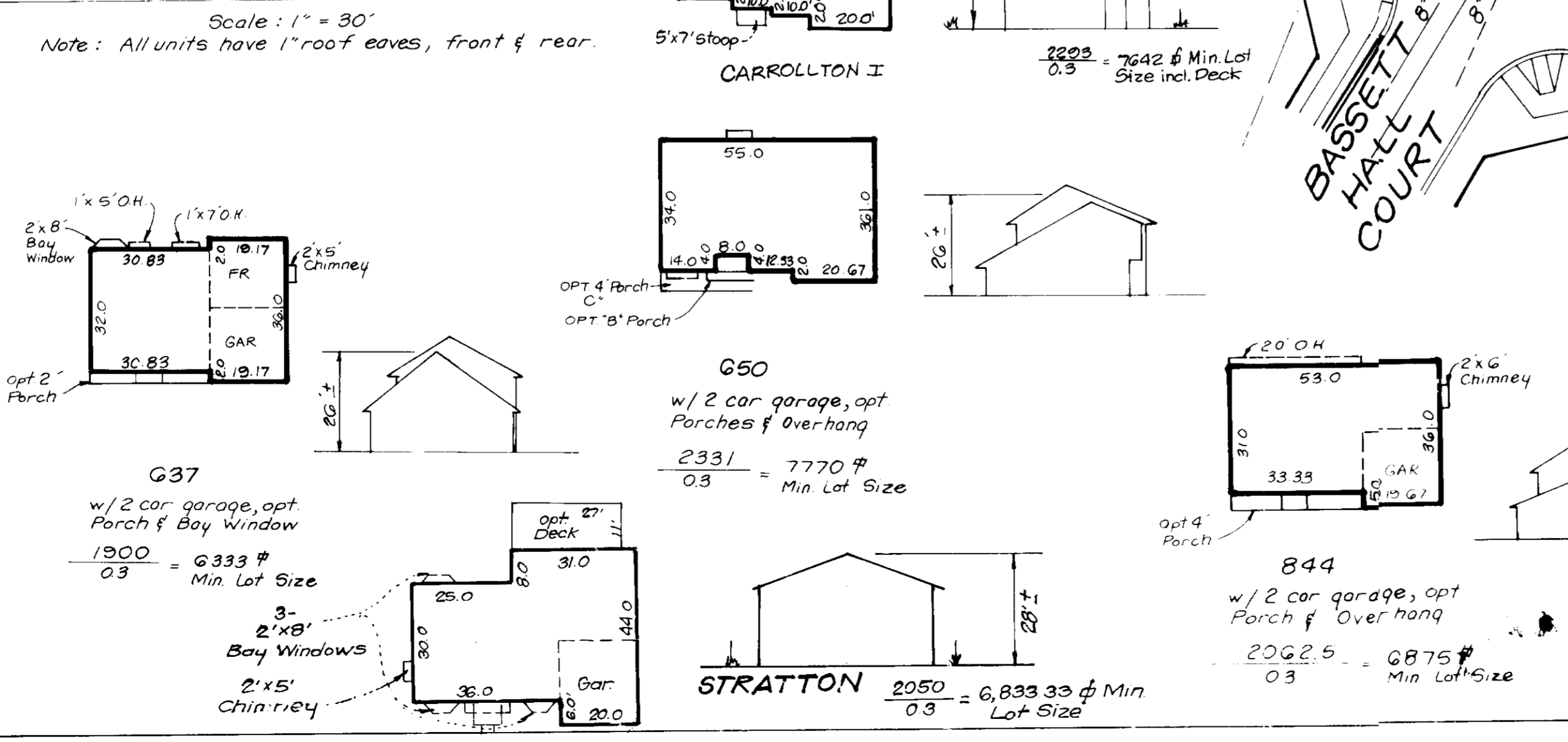
ADDRESS CHART

LOT	STREET ADDRESS
21	10281 WETHERBURN ROAD
22	10285
23	10289
24	10293
25	10297
26	10301
27	10305
28	10309
29	10313

REVISIONS

No.	Description	Date
7	Rev. hse. and grd. lot 27	11-17-92
6	Rev. hse. and grd. lot 26 (ROC)	4-16-91
5	Rev. hse. and grd. lot 23	4-15-92
4	Rev. hse. and grd. lot 24	11-13-91
3	Rev. hse. & grd. lots 21 & 22	8-29-91
2	Rev. hse. and grd. lot 24 from G50 to Carrollton I.	7-9-91
1	Rev. hse. and grd. lot 25, 26 & 28 to Windemere	3-20-91

TYPICAL HOUSES



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

8-11-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

2/21/89

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

8/9/89

2-3-89

OWNER AND DEVELOPER
PEDICORD JOINT VENTURE
 1/6 LAND DESIGN AND DEVELOPMENT, INC.
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 20433

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

SITE DEVELOPMENT PLAN
 LOTS: 21 thru 29
WETHERBURN
 2nd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DESIGNED: JME
 DRAWN: BAR
 CHECKED: JME
 DATE: June 1989

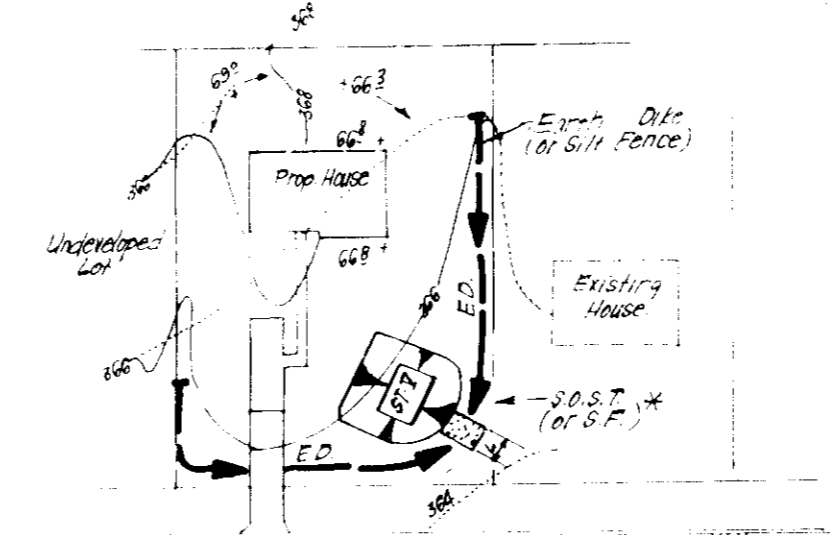
SCALE: 1" = 30'
 DRAWING: 1 of 2
 JOB NO: 89-081
 FILE NO: 89-081

For: Centex Homes
 14335 Cherry Lane Court
 Laurel, Md 20707

DEVELOPER'S/QUILLER'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 Sedimentation/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."

Signature of Developer/Builder
Date: 6/18/89



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

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

VICINITY MAP
Scale: 1" = 200'

LEGEND

- Contour Interval: 2'
- Existing Contour: 410
- Proposed Contour: 410
- Spot Elevation: 410
- Direction of Drainage: (arrow)
- Walk out Basement: (hatched area)
- Trees to be Saved: (circle with 'X')
- Ex. Earth Dike: (line with 'X')
- Silt Fence: (line with 'S')

PERMANENT SEEDING NOTES

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

Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. Do not reseed until soil is firm.

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 500 lbs per acre 10-10-10 fertilizer (4 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 40 lbs per acre 30-0-0 urea-form fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1700 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 (0.05 lbs/1000 sq ft) of seeding legumes. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre of well anchored straw mulch or as soon as possible in the spring, Option (2) use mulch. Option (3) seed with 40 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 4 feet or higher, use 3 1/2 gallons per acre (7 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTES

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

Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. Do not reseed until soil is firm.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (1.5 lbs/1000 sq ft).

Seeding - For periods March 1 thru April 30 and from August 1 thru November 15, seed with 25 bushel per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 15, seed with 3 lbs per acre of seeding legumes (0.07 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 seed and mulch.

Mulching - Apply 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 4 feet or higher, use 3 1/2 gallons per acre (7 gal/1000 sq ft) for anchoring. Refer to the 1983 HANDBOOK OF SEEDING AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control is a practical and workable plan based on my best knowledge of the site conditions and that it was prepared in accordance with the regulations of the Howard Soil Conservation District.

Signature: G. Nelson Clark
Date: 6-6-89



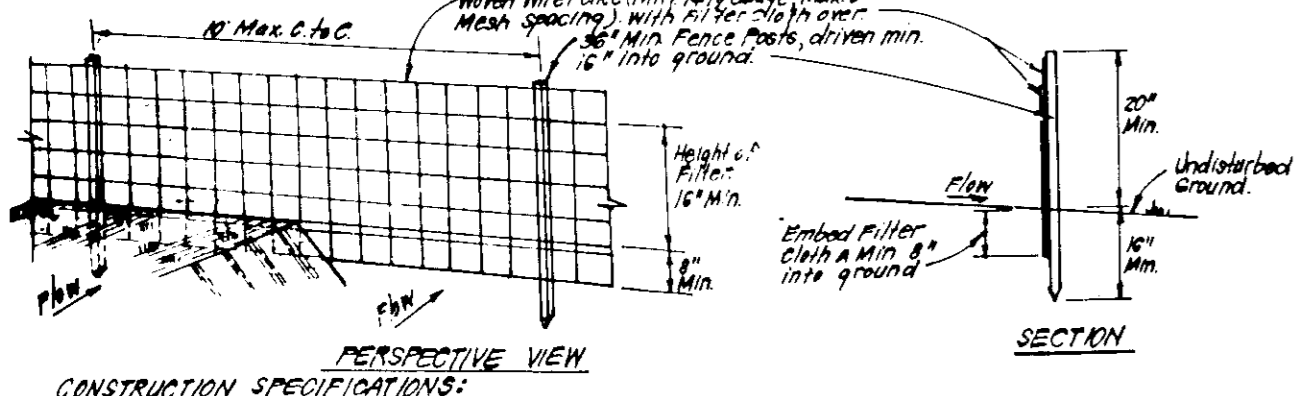
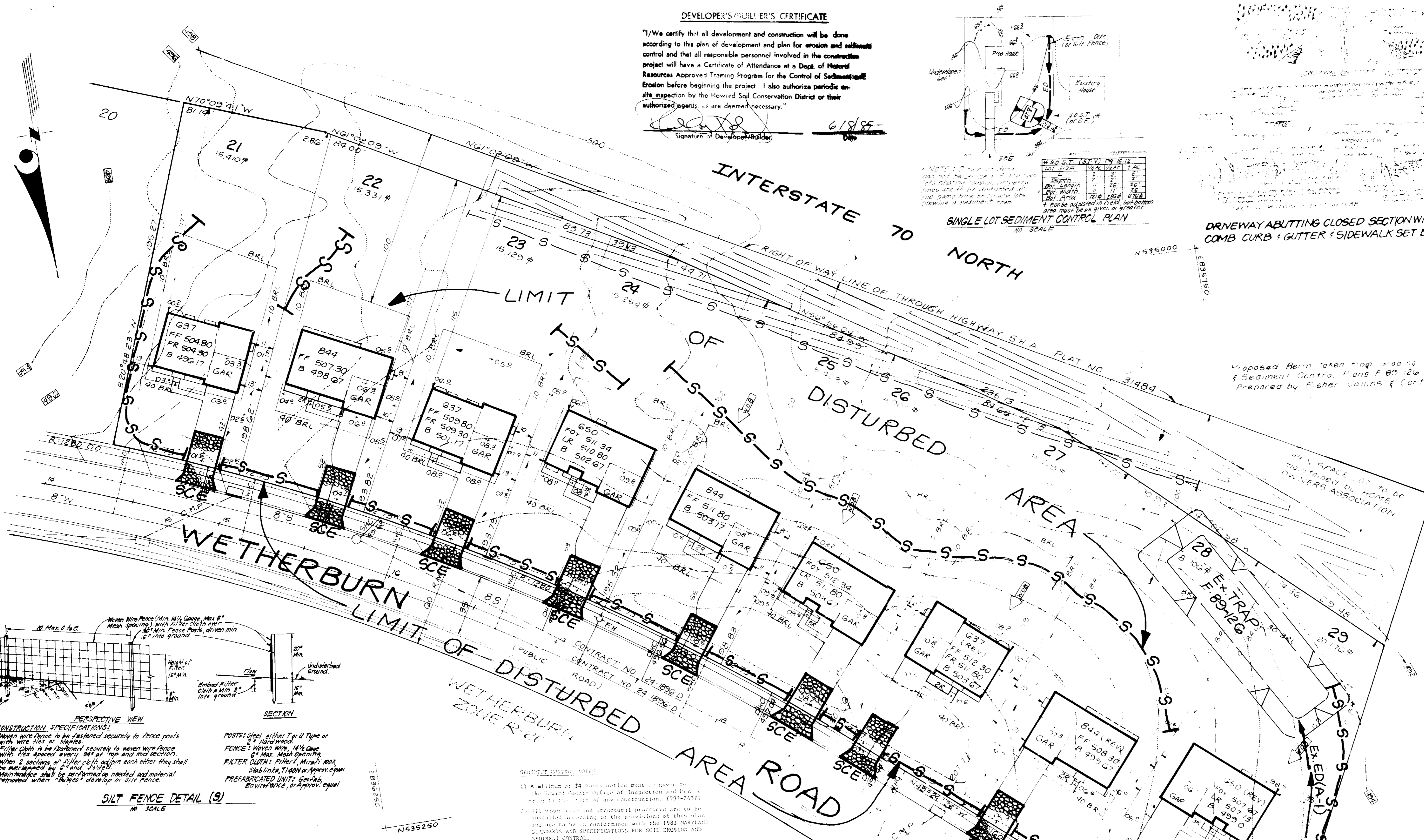
OWNER AND DEVELOPER
PEDI-CORP JOINT VENTURE
SITE LAND DESIGN AND DEVELOPMENT, INC.
8307 MAIN STREET
ELICOTT CITY, MARYLAND 21043

Subdivision Name	Wetherburn	Sheet No.	2 of 2
Project No.	880510663	Scale	AS SHOWN
Revision	7	Date	17
Checked	HOS	Drawn	5991000

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

DESIGNED	KIWM	SEDIMENT & EROSION CONTROL PLAN	2 of 2
DRAWN	BAR	WETHERBURN	2 of 2
CHECKED	KIWM	2nd ELECTION DISTRICT	88-081
DATE	June 1989	HOWARD COUNTY, MARYLAND	
		For: Centex Homes	
		1435 Cherry Lane Court	
		Laurel, Md. 20707	89-0818E

S.D.F. 89-250

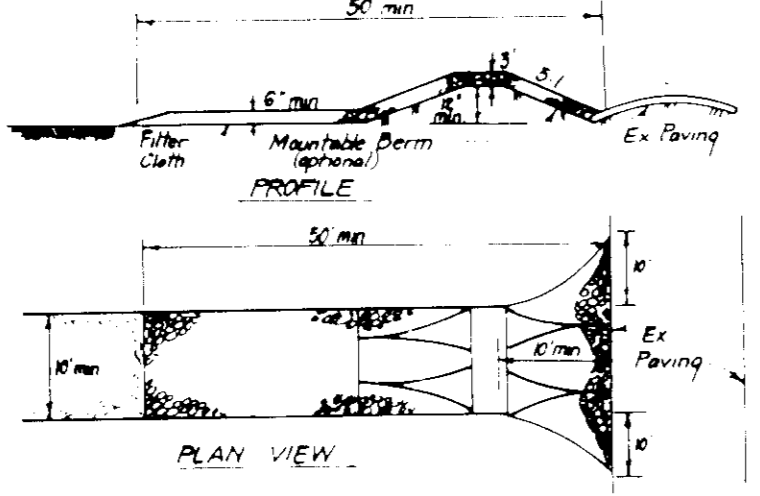


CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with wire staples every 24" at 100' end and mid sections.
3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 2" and stapled.
4. Maintenance shall be performed as needed and material removed when it has developed in silt fence.

POSTS: Steel, either T or U Type or 4" Round Rod.
FENCE: Woven Wire, 1 1/2" Gauge.
FILTER CLOTH: Filter Cloth, Minimum 60% Stabilized, TYPED APPROVAL.
PREFABRICATED UNIT: Geotextile, 2' x 10', 10' x 10', 10' x 20', 20' x 20'.

SILT FENCE DETAIL (S)
NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. Stone Size: Use 2" stone or material of equivalent concrete equipment.
2. Length: As long as practical, but not less than 50 feet, except for a single residence or a house with a driveway length must comply.
3. Thickness: 18" for stone or 12" for concrete.
4. Width: 12" for stone or 18" for concrete.
5. Filter Cloth: Will be covered over the entire area prior to placing of stone. Filter will not be required on lower slopes.
6. Surface Water: All surface water flowing or diverted toward construction entrances shall be passed across the entrance. If passing is impractical, a suitable berm will be constructed.
7. Maintenance: The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic top dressing with the additional stone as conditions demand and repair and/or replacement of any material used in this agreement. All sediment applied, dropped, swept or tracked onto public rights-of-way must be removed immediately.
8. Warning: 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 record maintenance shall be provided at the end of each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE

SEDEMENT CONTROL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (891-2437)
2. All vegetative and structural practices are to be installed in accordance with 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 redistribution, permanent stabilization shall be completed within 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. 21) and (Sec. 30), temporary seeding (Sec. 30) and mulching (Sec. 32). 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: 3.375 Acres
Area Disturbed: 2.17 Acres
Area to be roofed or paved: 0.63 Acres
Area to be vegetatively stabilized: 1.54 Acres
Total Cut: 4283 Cu. Yds
Total Fill: 1285 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 DPM 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 least one 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).
13. At least one straw bale dike with fence repair 1930

CONSTRUCTION SEQUENCE:

Activity	No. of Days
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.	7
B. Excavate for Foundations and Rough Grade if temporarily stabilize.	30
C. Construct Structures, Sidewalks and Driveways.	120
D. Final Grade and stabilize in accordance with Sds. & Specs.	30
E. Upon approval of the sediment control inspector remove sediment and erosion controls and stabilize.	7

Reviewed for: HOWARD CO. S.C.D.
Name: [Signature]
Signature: [Signature]
Date: 7/27/89
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Temporary fee turnaround and Type 'B' Dead end Barricade Use drawings R-505 and R-711
Approved: [Signature] Date: 7/27/89

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Signature: [Signature] Date: 8/11/89
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
Signature: [Signature] Date: 8/24/89
DIRECTOR
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: [Signature] Date: 8/9/89
DIRECTOR
CHIEF BUREAU OF ENGINEERING