

GENERAL NOTES

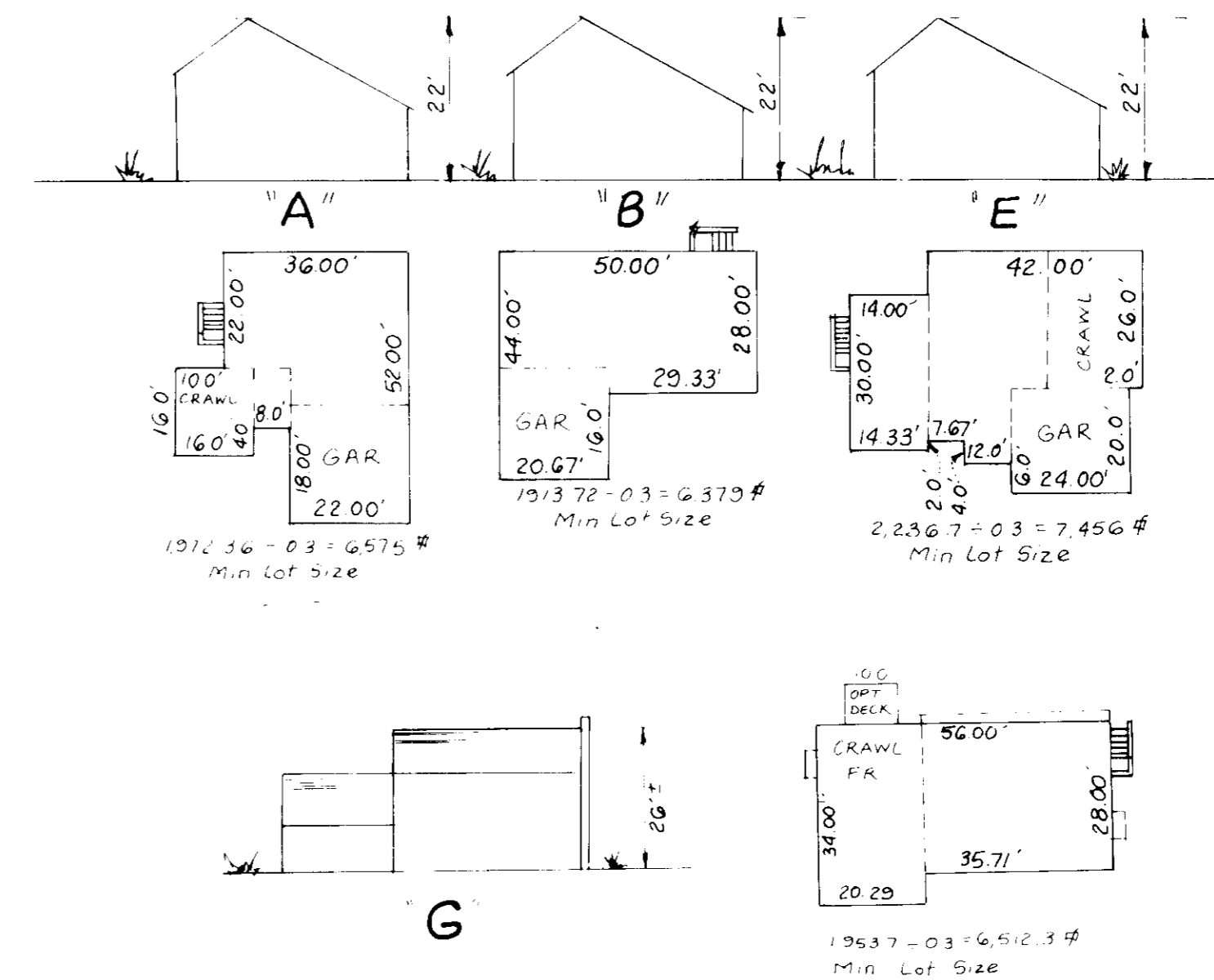
- 1 Subject property is zoned R 20 as per B 2 B5 Comprehensive Zoning Plan.
- 2 The coordinates shown here on are based on the Maryland State Grid System as projected by the following control stations 3043001 & 3143006.
- 3 All roadways are public and existing.
- 4 Total area included in this plan: 383 Acres
- 5 Total number of lots: 10
- 6 Lot Coverage is 30%
- 7 Reference numbers § 80-14, F88-141, P87-78
- 8 Any damage to county owned right-of-ways shall be repaired at the Developer's expense.
- 9 Taps was field run by Fisher, Collins and Carter, Inc.
- 10 Stormwater Management provided for in 5-1-1
- 11 Reference Nos. 580-19, F88-141, P87-78

SPECIAL NOTES

- 1 Approved Road Construction Plans shall be used for all utilities.
- 2 Public water and sewer shown for reference only, for more detailed information see approved plans.
- 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 4" iron.

TYPICAL HOUSES

Scale: 1" = 30'
Note: All units have 1'10" eaves front & rear



LEGEND

- Contour Interval: 2 FT
- Existing Contour: ---
- Proposed Contour: - - - -
- Spot Elevation: 410
- Direction of Drainage: +10E
- Walk out Basement
- Trees to be Saved

Nº	REVISIONS	Date
1	Rev. base & 9rd lots 127 & 130	6-4-91

LOT NO.	STREET ADDRESS
125	832 FALL CHILL COURT
126	8325 " "
127	8329 " "
128	8328 " "
130	8324 " "
131	8320 " "
132	8316 " "
133	8312 " "
134	8308 FALL CHILL COURT
136	8300 AUTUMN RUST ROAD

OWNER / DEVELOPER
HOWARD COUNTY SANITARIUM CO. INC.
56 HOWARD COUNTY LAND SERVICES INC.
8307 MAIN STREET
ELLCOTT CITY, MD 21043

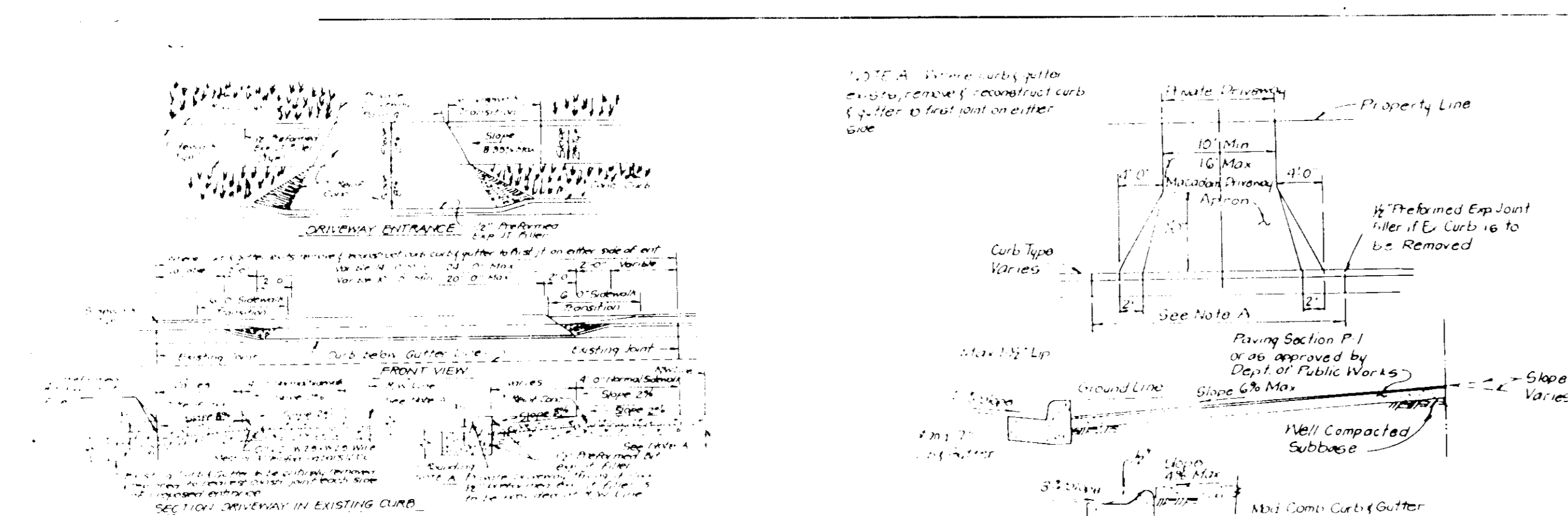
Plot No.	Block No.	Zone	Tax Map No.	Elec. Dist.	Census Tr.
8397	13	R 20	25	2ND	6024
Water Dept.	F 05	Sewer Code	1400510		

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

1115 MINNIE WAY • COLUMBIA, MD 21046 • TEL: 410-271-5151 • FAX: 410-271-5152

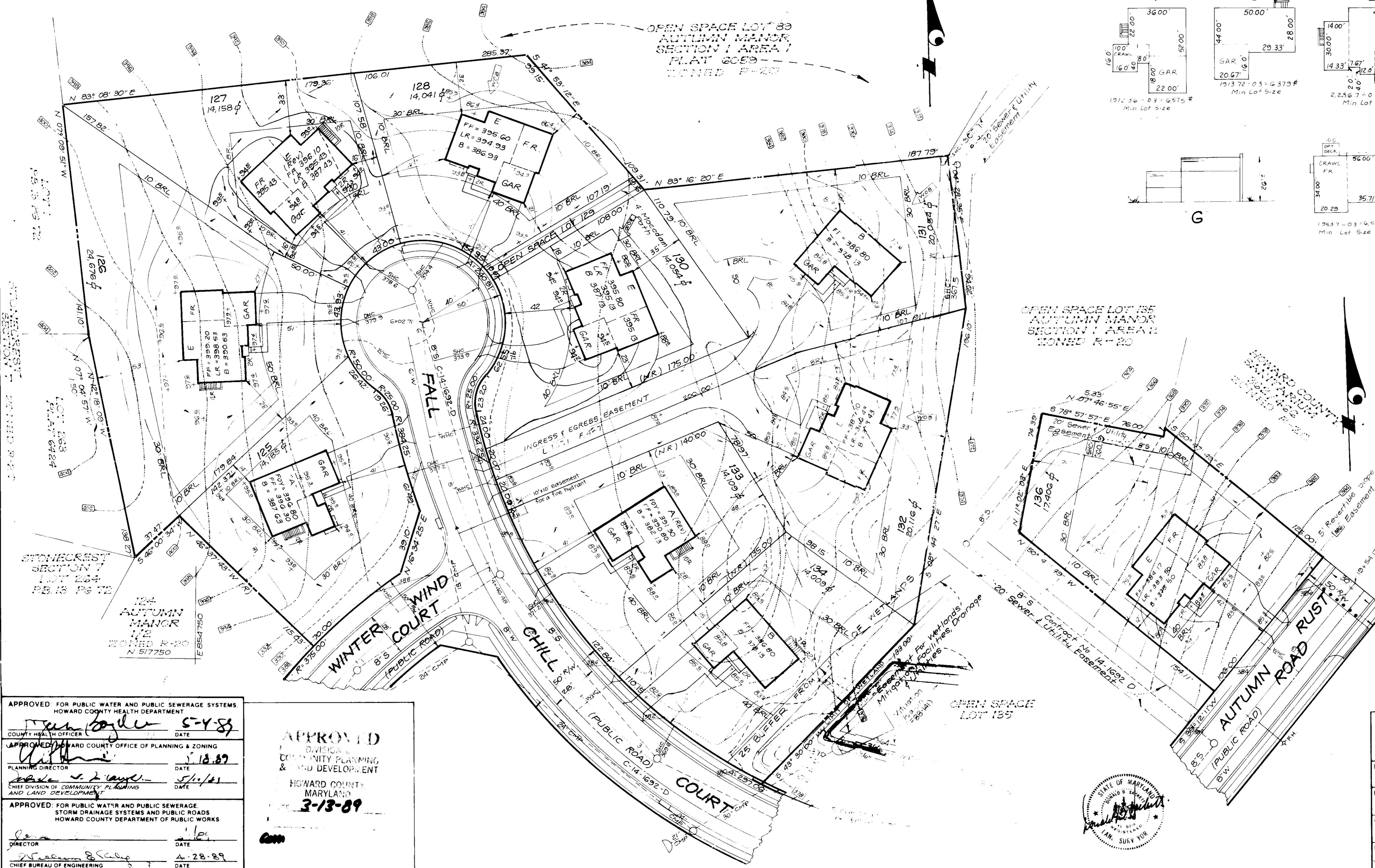
DESIGNED VHL	SITE DEVELOPMENT PLAN LOTS 125-128, 130-134 & 136 AUTUMN MANOR SECTION 1 AREA 2 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN BAL		DRAWING 1 OF 2
CHECKED JME		JOB NO. 88-175
DATE 10-13-89		FILE NO. 88-175-X

FOR: **GODIER BUILDERS, INC.**
11207 McGee Way
Ellicott City, Md. 21043



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

DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK



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

DATE: 5-4-89

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 5-18-89

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

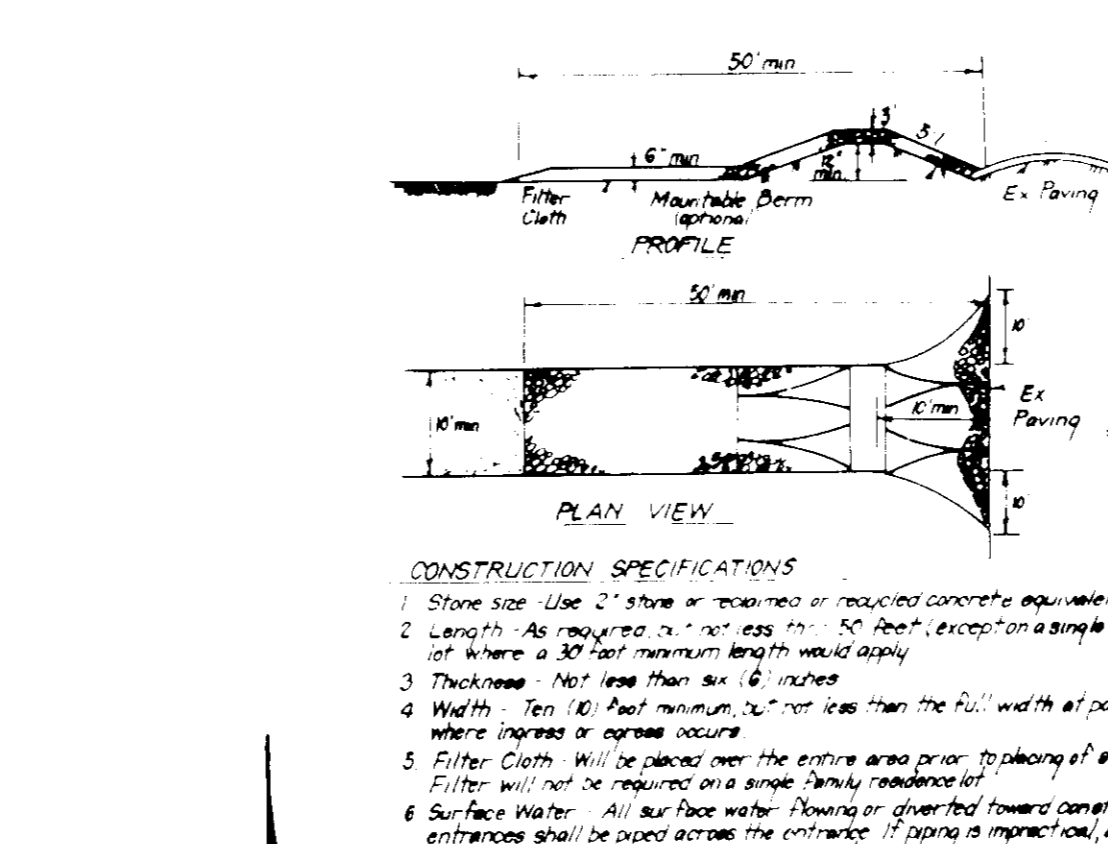
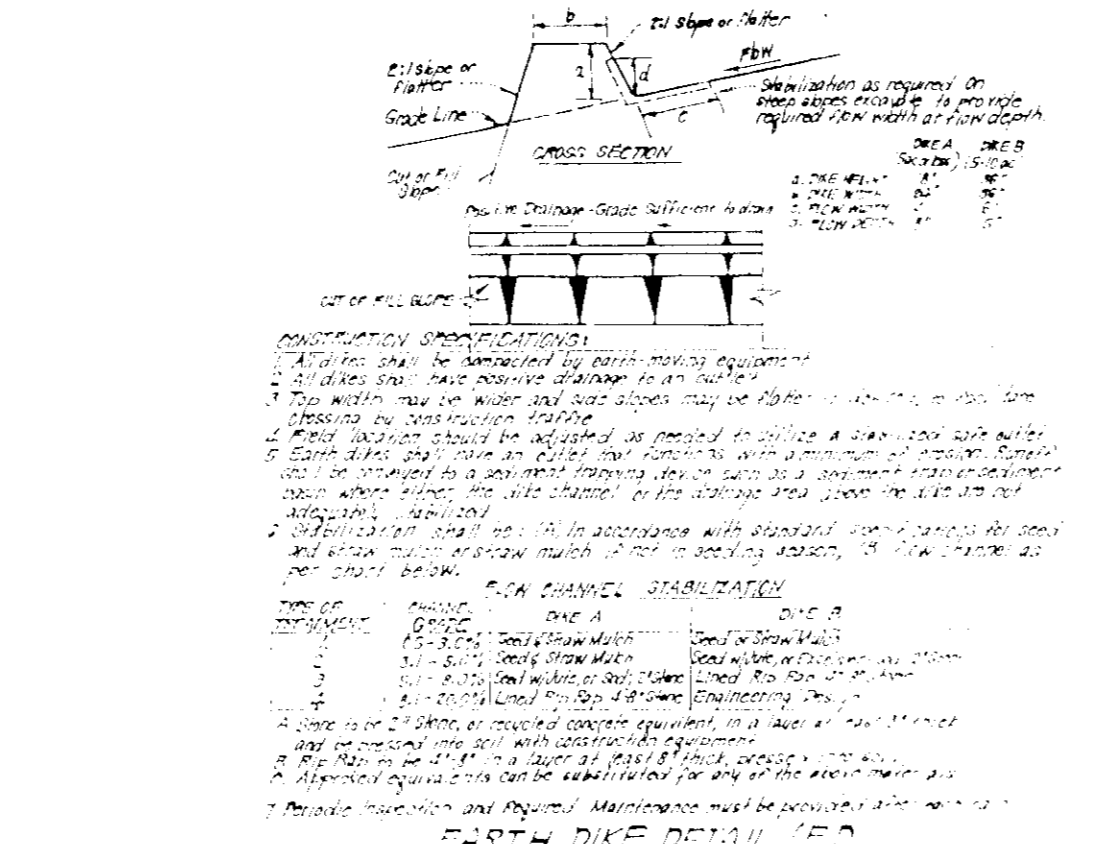
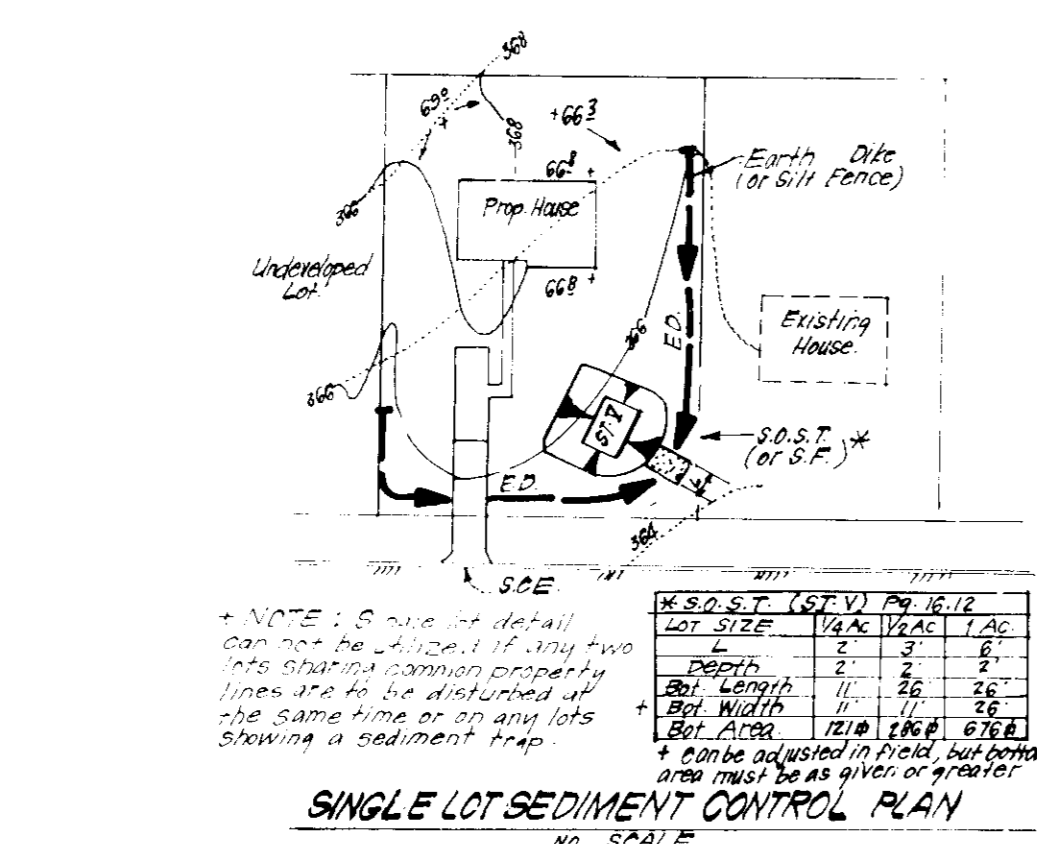
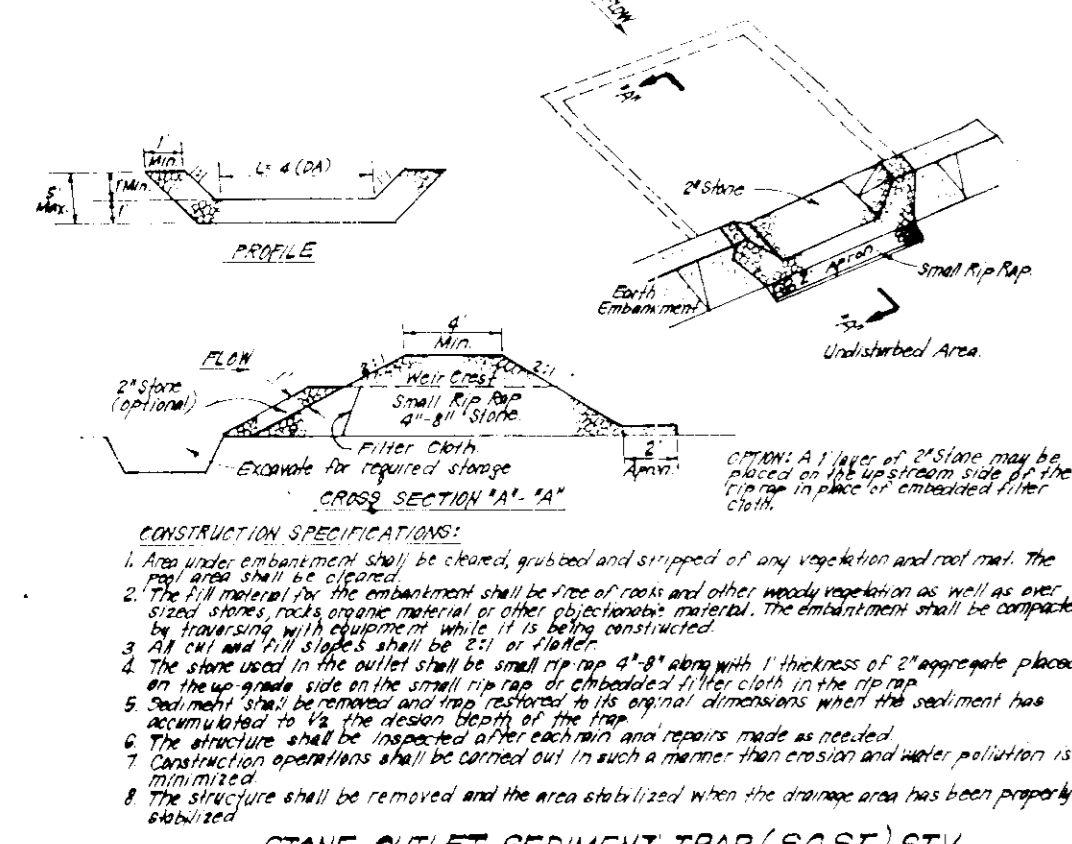
DATE: 3-13-89

DATE: 4-28-89

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT

HOWARD COUNTY
MARYLAND
3-13-89





SEEDING SCHEDULE

1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting at the start of any construction (992-2537)

2) All negative and structural practices are to be installed according to the provisions of this plan and are to be in accordance 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 7 calendar days for all perimeter sediment structures, dikes, perimeter slopes and all slopes greater than 3:1, by 14 days as to all other disturbed graded areas on the project site.

4) All sediment traps/flashes 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 (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	388 Acres
Area Disturbed	347 Acres
Area to be vegetatively stabilized	277 Acres
Total Cut	3440 cu. yds
Total Fill	8530 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 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 a "lot-by-lot" 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) Total amount of straw bale dikes with fence equals 550 L.F.

Reviewed for HOWARD CO. and meets Technical requirements

Signature: _____ Date: _____

U.S. Soil Conservation Service

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

Approved: _____ Date: _____

VICINITY MAP Scale 1" = 2000'

LEGEND

Contour Interval: 2 FT

Existing Contour: ---

Proposed Contour: - - - - -

Spot Elevation: +10B

Direction of Drainage: --->

Walk out Basement: ---

Trees to be Saved: (Tree symbol)

Silt Fence: ---S---

Earth Dike: ---ED(A-1)---

Stabilized Construction Entrance: ---SCE---

TRAP #2 SOST STV

DA = 17 AC

Star Prod = 3060 cf

Star Prod = 3200 cf

Depth = 4

Top of Stone Elev. = 3725

Bottom Elev. = 3675

Clean out Elev. = 3690

Lot = B' 171 Side Slopes in Cut

CONSTRUCTION SEQUENCE:

- Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
- Excavate for Foundations and Rough Grade & Temporarily Stabilize.
- Construct Structures, Sidewalks and Driveways.
- Final Grade and stabilize in accordance with Stds. & Specs.

Upon approval of the sediment control inspector, remove sediment and erosion controls, and stabilize.

* Delay Construction of House on Lot 131 until Trap #2 is removed.

No. of Days	Activity
7	Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
60	Excavate for Foundations and Rough Grade & Temporarily Stabilize.
7	Construct Structures, Sidewalks and Driveways.
2	Final Grade and stabilize in accordance with Stds. & Specs.

SEEDING SCHEDULE

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

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

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) 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 500 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. 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 (6.4 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 (10 to 20 lbs/1000 sq ft) of untreated 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 358 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacement and reseeding.

TEMPORARY SEEDING NOTES

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

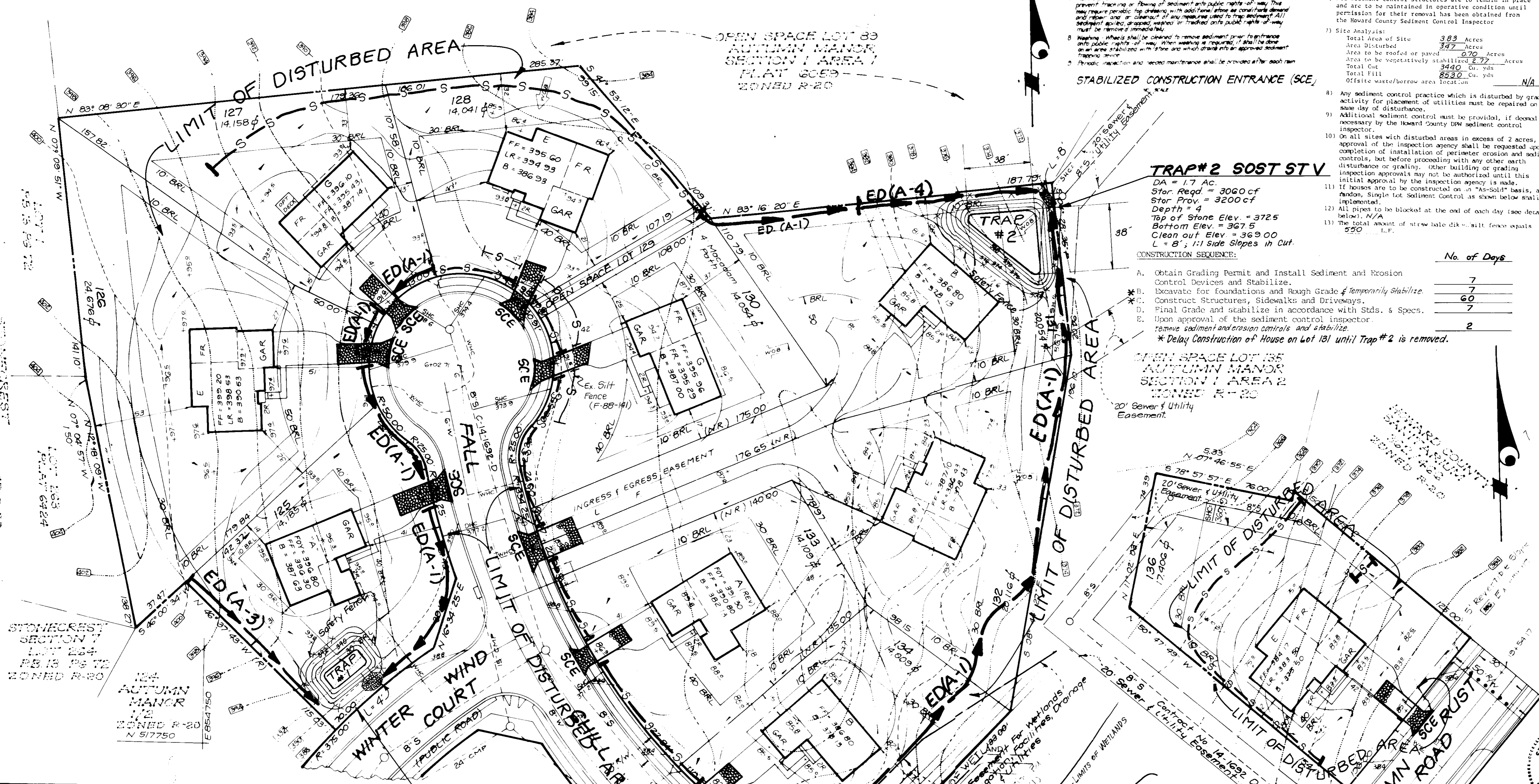
Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 25 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 (10 to 20 lbs/1000 sq ft) of untreated 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 358 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.



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

Signature: _____ DATE: 5/10/89

COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Signature: _____ DATE: 3/13/89

PLANNING DIRECTOR

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

Signature: _____ DATE: 5/10/89

DIRECTOR

Signature: _____ DATE: 4-28-89

CHIEF BUREAU OF ENGINEERING

TRAP #1 SOST STV

DA = 0.80 AC

Star Prod = 1440 cf

Star Prod = 1440 cf

Depth = 3

Top of Stone Elev. = 388.5

Bottom Elev. = 384.5

Clean out Elev. = 386.0

Bottom Dimensions = 2' x 10'

1:1 Side Slopes in cut

DEVELOPER'S/BUILDER'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 reasonable 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 the contractor to be inspected by the Howard Soil Conservation District.

Signature: _____ Date: 4/27/89

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on the physical characteristics of the site conditions and that it is in accordance with the requirements of the Howard Soil Conservation District.

Signature: _____ Date: 4-27-89

STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
SOIL CONSERVATION DISTRICT

Signature: _____ Date: 4-27-89

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

DESIGNED: KIWM BAR
DRAWN: BAL BAR
CHECKED: KIWM
DATE: Jan 19, 1989

SEDIMENT & EROSION CONTROL PLAN
LOTS 125-128, 130-134 & 136
AUTUMN MANOR SECTION 1 AREA 2
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'

DRAWING: 2 OF 2

JOB NO: 88-175

FILE NO: 88-1755E

FOR: GOODIER BUILDERS, INC.
11207 MCGEE RD
ELICOTT CITY, MD 21043