

PERMANENT SEEDING NOTES

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

Soil Amendments 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:

- 1) Prefertec - 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.
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (13 lbs/1000 sq ft) before seeding.

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 flat 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.

Seeding For the periods March 1 thru April 30, and August 1 thru October 15, seed with 50 lbs per acre (1 1/2 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 of urea (30 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 seed and straw mulch as well anchored straw mulch with seed as soon as possible in the spring. Option (3) Seed with 60 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw mulch for anchoring.

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

TEMPORARY SEEDING NOTES

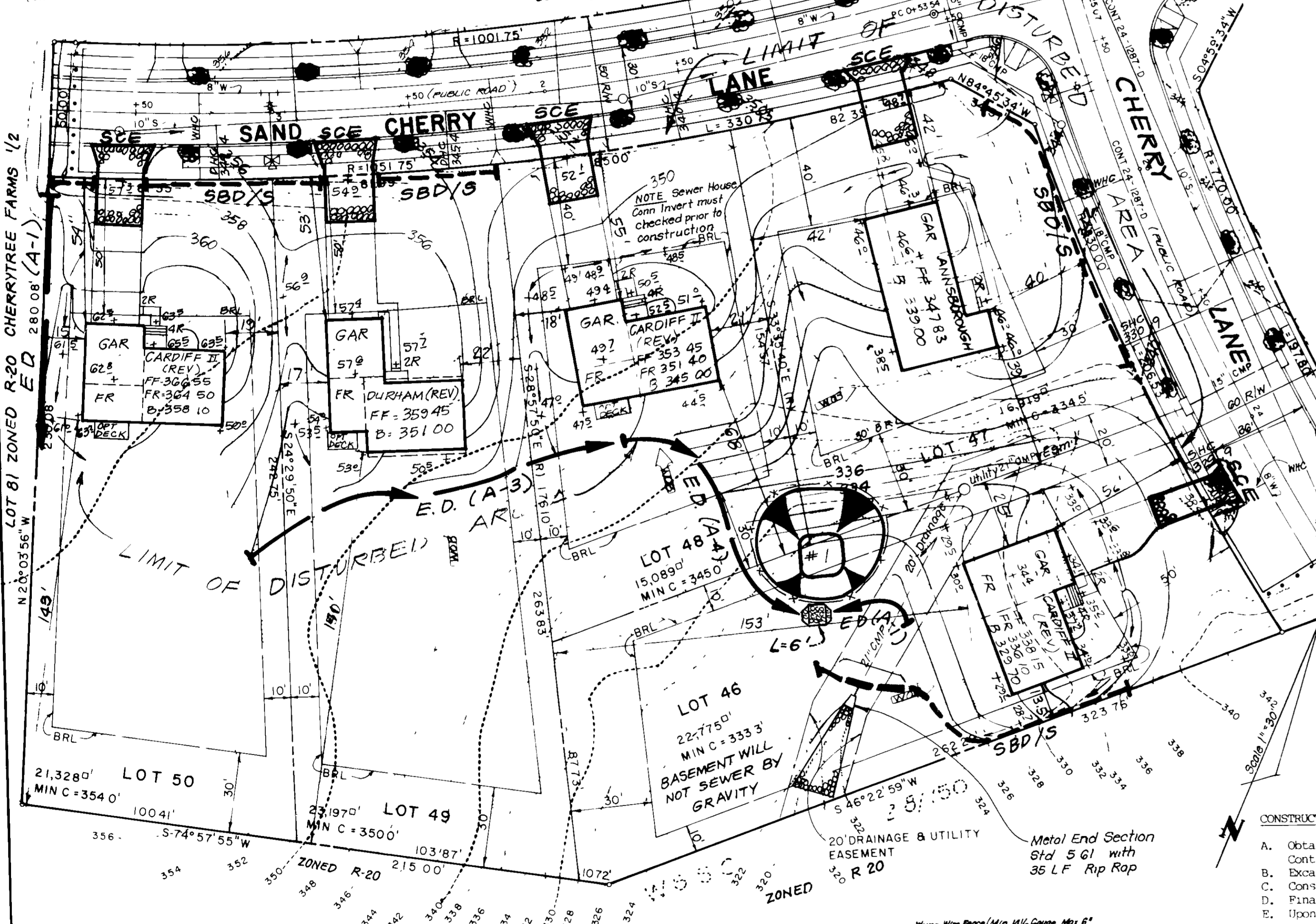
Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seeding 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 ryegrass (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 seed and straw mulch as well anchored straw mulch with seed as soon as possible in the spring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rates and methods not covered.



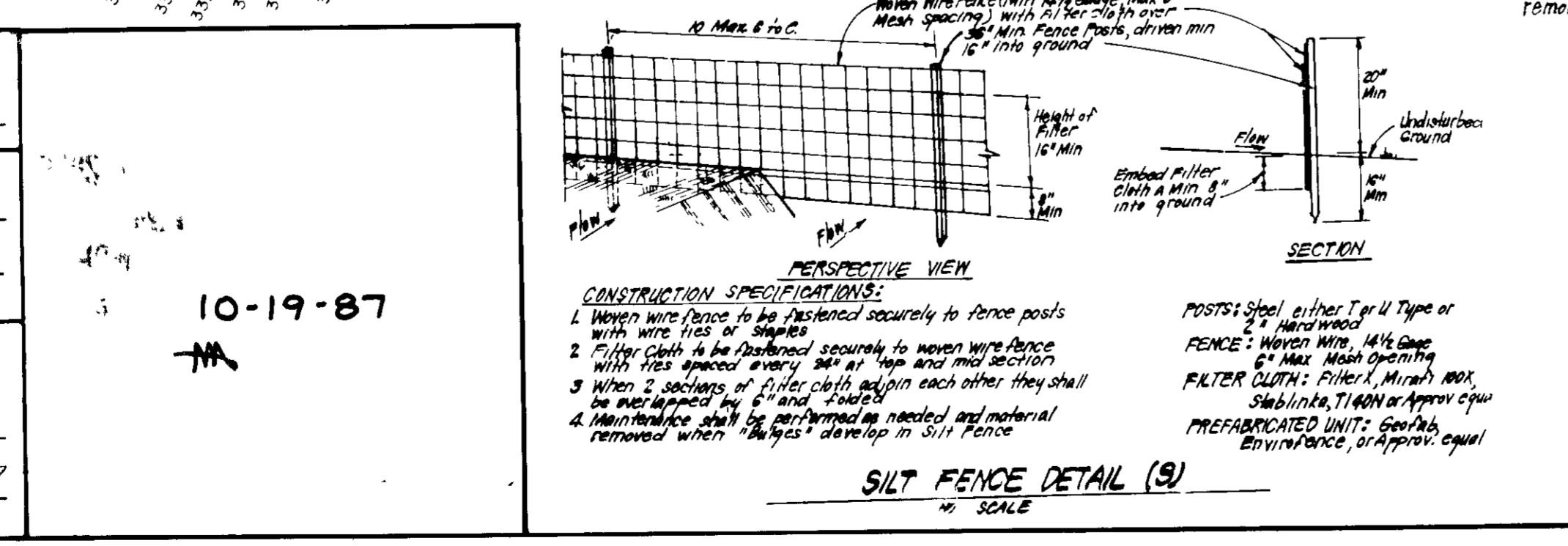
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE: 11-13-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE: 11-19-87

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE: 11-26-87

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE: 11-27-87

CHIEF BUREAU OF ENGINEERING
 DATE: 11-27-87



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 Sids. & Specs.
- Upon approval of the sediment control inspector remove sediment and erosion controls and stabilize.

NO OF DAYS

A.	7
B.	20
C.	70
D.	20
E.	3

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

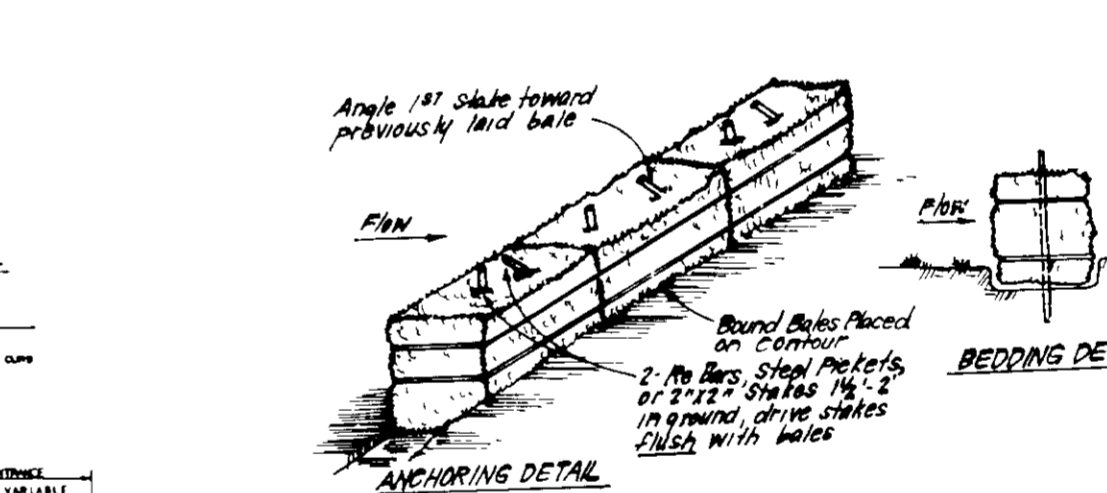
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved: *Steve L. D...* 11/2/87 Date

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 & sewer plans Contract No. 24-1287-D.
 The water and sewer house connections not included in a Developer's Agreement shall conform to Howard Co. Plumbing Code. The on-site WHC shall be 1" copper and the SHC shall be 4" iron.
 Stormwater Management provided for in central facility See previously approved plans F-84-219.

GENERAL NOTES:

- The Land included is zoned R 20 as per 8 2 85 Comprehensive Zoning Plan
- Coordinates are based on the Maryland State Grid System
- All roads are public and existing
- Any damage to county owned rights of way is to be corrected at the Developer's expense
- Total Area included: 2,2798 Acres.
- Total number of Lots: 5.
- The Contractor or Developer shall call the Construction Inspection Division 24 hours in advance of commencement of work at 792-7272.
- Existing Sediment & Erosion Control Measures to be utilized, See G-86 35.
- Maximum Lot Coverage = 30%



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: *Bill Carson* 9-17-87 Date
 Signature of Developer/Builder: *Bill Carson* 9-17-87 Date

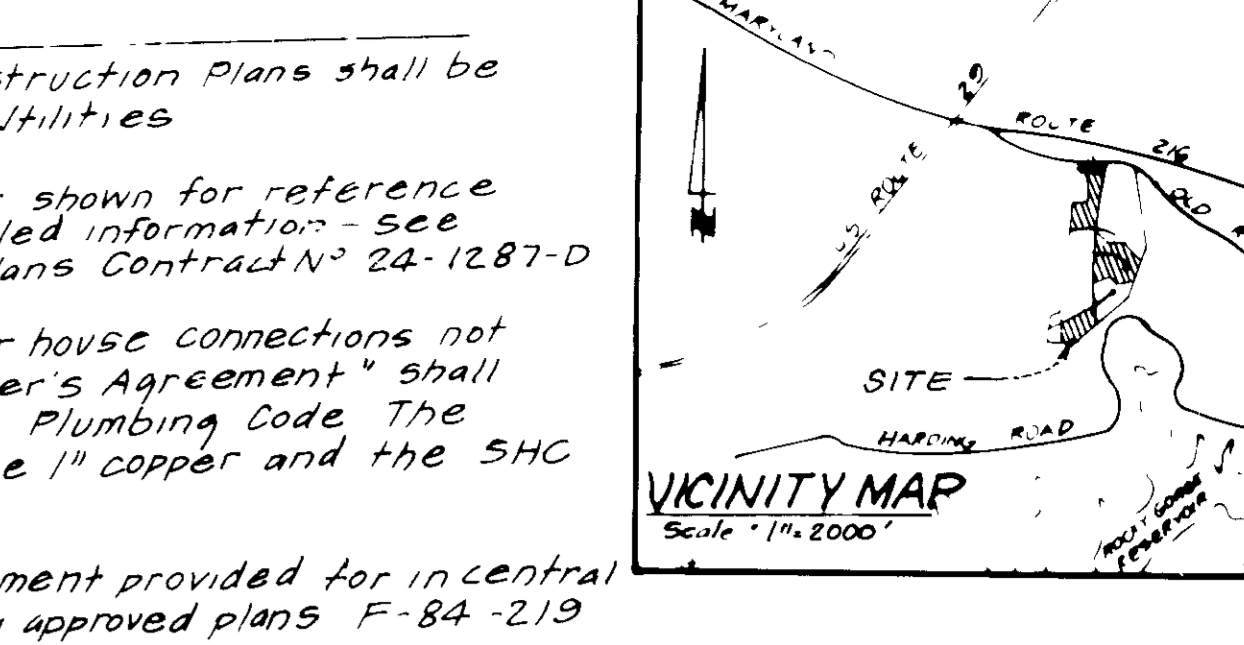
DEVELOPER'S BUILDERS CERTIFICATE

"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, as so deemed necessary."

Signature of Developer/Builder: *Bill Carson* 9-17-87 Date

BINGLE LOT SEDIMENT CONTROL PLAN
 NO SCALE

LOT	STREET ADDRESS
46	8404 Sweet Cherry Lane
47	8470 Sand Cherry Lane
48	8466 " " " "
49	8462 " " " "
50	8450 Sand Cherry Lane

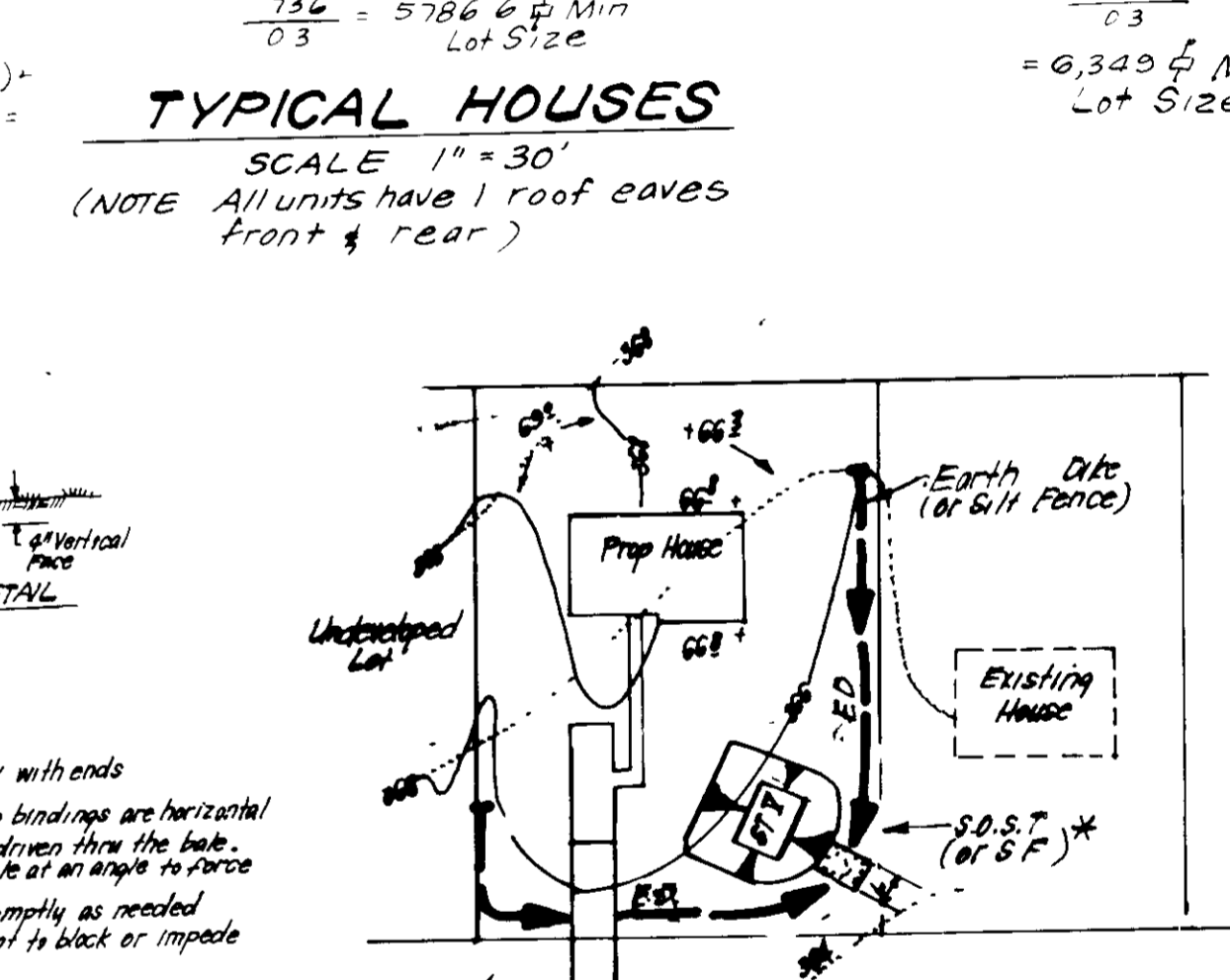


CONSTRUCTION SPECIFICATIONS:

- Any undisturbed area shall be cleared, grubbed and stripped of any vegetation and rock mat. The top surface shall be 2' deep.
- The fill material for the embankment shall be free of rocks and other objectionable material. The embankment shall be compacted in layers with equipment while it is being constructed.
- The slope used in the outlet shall be small rip rap 4" x 4" with thickness of 2" aggregate placed on the up-slope side on the small rip rap of crushed stone to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after construction and repairs made as needed.
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LEGEND:

- Contour Interval: 2 Ft
- Existing Contour
- Proposed Contour
- Direction of Drainage
- Spot Elevation
- Walk-Out Basement
- Street trees shown in accordance with the 84-129
- Stabilized Construction Entrance
- Straw Bale Dike or Silt Fence
- Earth Dike



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 placed in the soil a min of 4" and placed so the bindings are horizontal.
- Bales shall be secured in place by either 2 stakes or 1/2 inch rebar driven thru the bales.
- The 1st stake in each bale shall be driven thru the rebar into the soil and the 2nd stake shall be driven thru the rebar into the soil.
- Inspection shall be frequent and repair/replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness as well as not to block or impede storm-flow or drainage.

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: *Bill Carson* 9-17-87 Date
 Signature of Developer/Builder: *Bill Carson* 9-17-87 Date

DEVELOPER'S BUILDERS 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, as so deemed necessary."

Signature of Developer/Builder: *Bill Carson* 9-17-87 Date

OWNER/DEVELOPER	CHERRYTREE VENTURE	6305 IVY LANE, SUITE 200 GREENBELT, MARYLAND 20770
SECTION	AREA 1	46-50
PLAT	GOEBL 10	4G
LOT	BLOCK	6TH
ZONE	R 20	6062
WATER CODE	E-8	
SEWER CODE		7602000

CLARK • FINELOCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 7135 Minstrel Way, Columbia, Maryland 21045 Phone Balt 381-7500 West 821-8100

DESIGNED BY: CMS
DRAWN BY: VLM
CHECKED BY: CMS
DATE: 9-17-87

SITE DEVELOPMENT PLAN AND SEDIMENT & EROSION CONTROL PLAN
 LOTS 46-50
CHERRYTREE FARM
 SECTION 1 AREA 1
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: WINGMASTER HOMES, INC
 6305 Ivy Lane #700
 Greenbelt, Maryland 20770
 SCALE 1" = 30'
 JOB NO: 86-056
 FILE NO: 86-056X
 55P-88-36