

PERMANENT SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

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 (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.

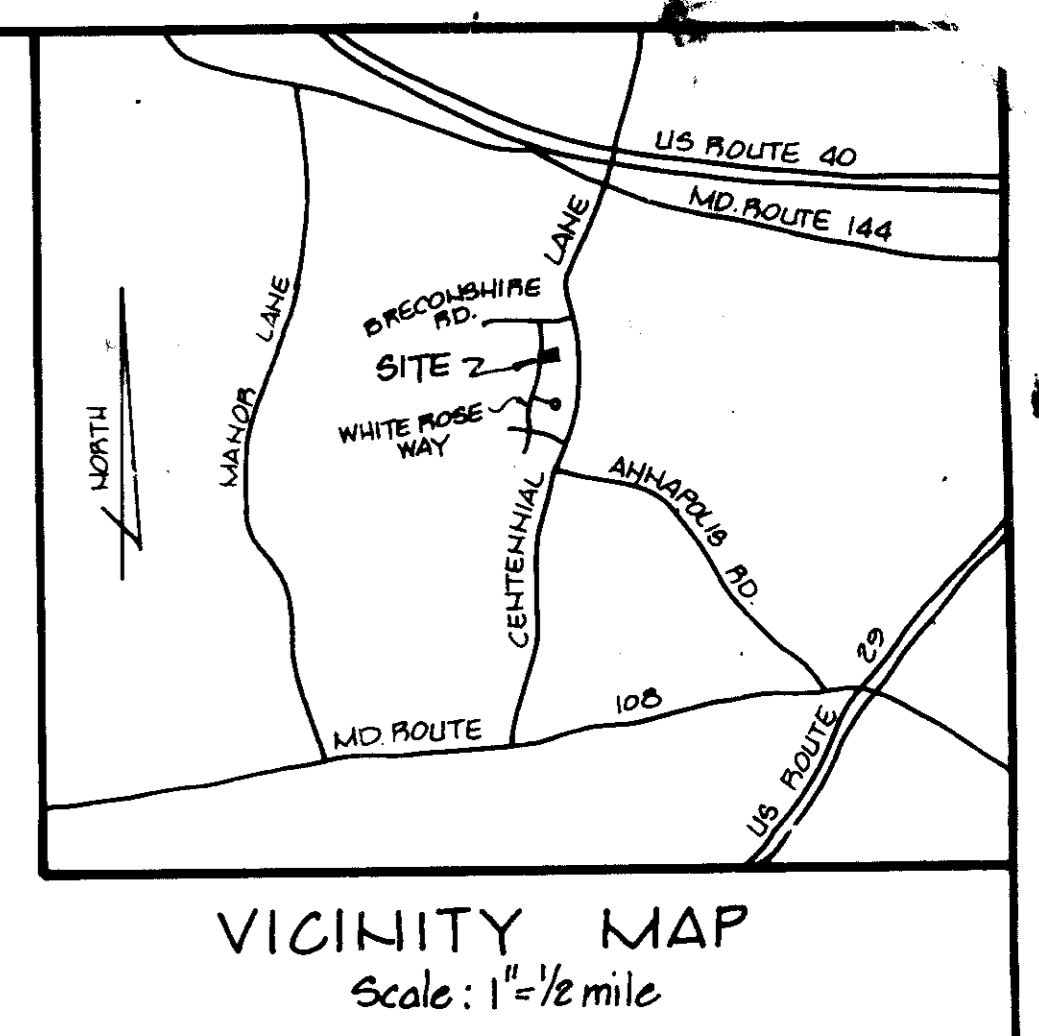
Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

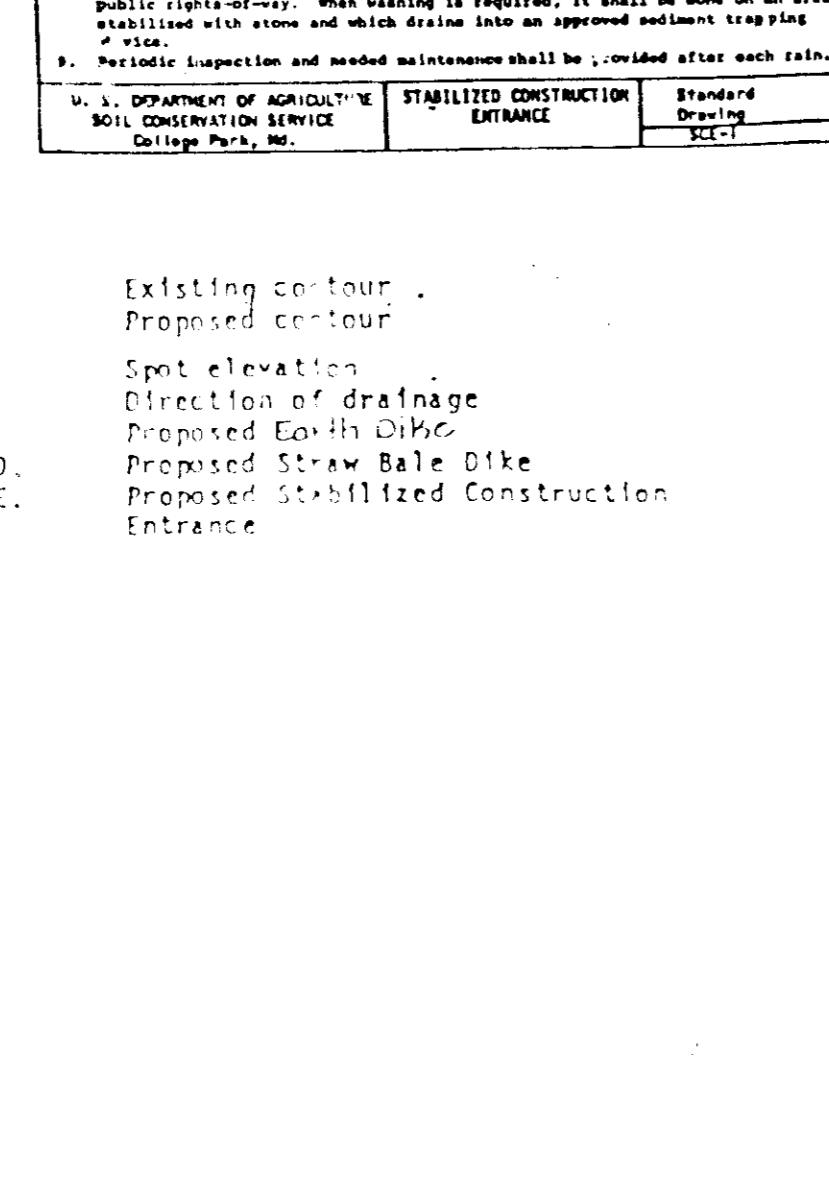
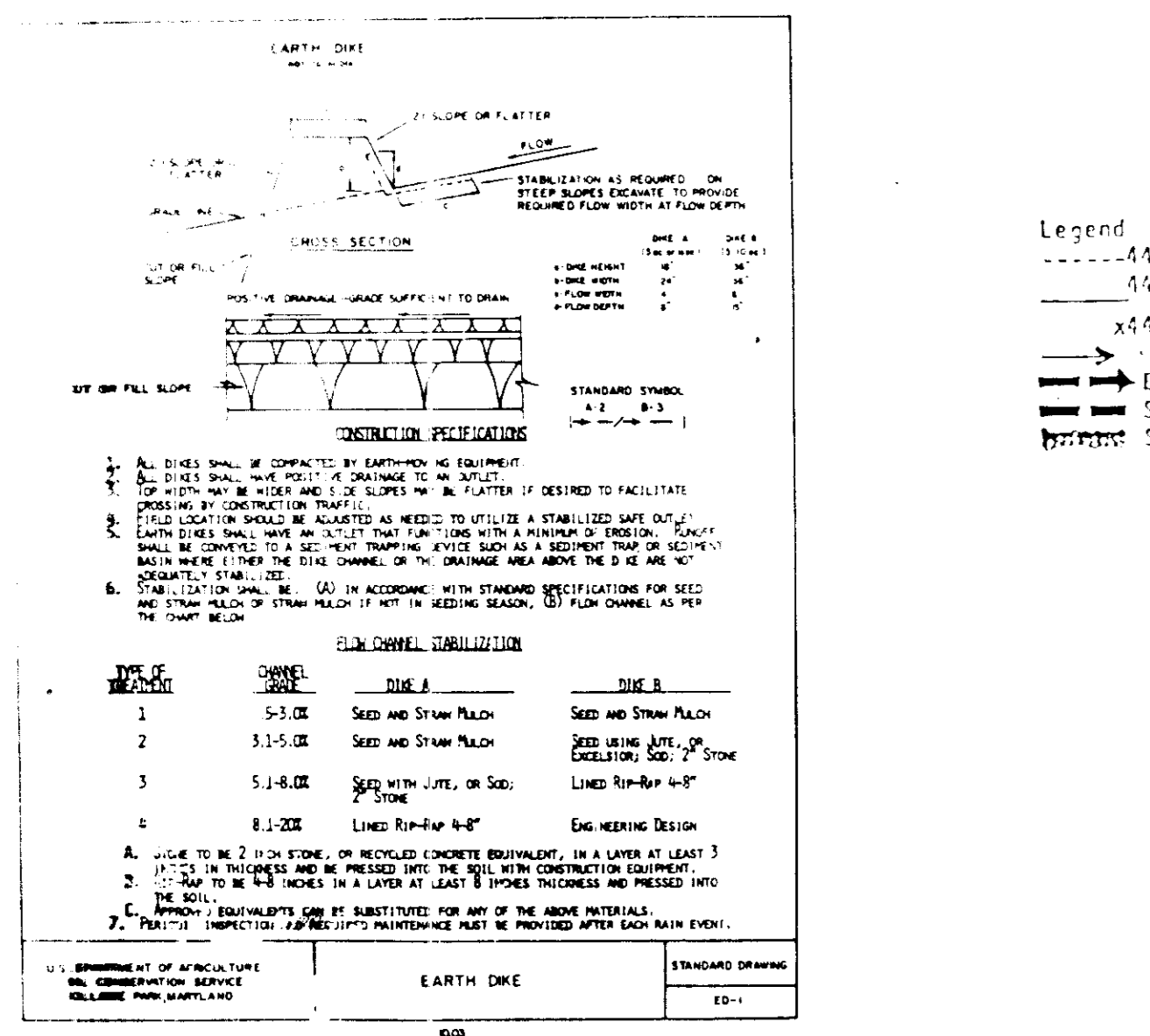
SEDIMENT CONTROL NOTES

- 1) 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)
- 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: 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.
- 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 seedings (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	.33 Acres
Area Disturbed	.28 Acres
Area to be roofed or paved	.05 Acres
Area to be vegetatively stabilized	.20 Acres
Total Cut	801.32 Cu. yds
Total Fill	92.60 Cu. yds
Offsite waste/borrow area location	700.72 cu yd needed for fill on site
- 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 controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.



- GENERAL NOTES**
1. ROADWAY EXISTING AND PUBLIC.
 2. ANY DAMAGE TO COUNTY-OWNED RIGHT-OF-WAY WILL BE CORRECTED AT DEVELOPER'S EXPENSE.
 3. EXISTING ZONING: R-20
 4. TAX MAP 24
 5. DEED REFERENCE: 943/G37
 6. TOTAL NUMBER OF LOTS: ONE (1)
 7. TOTAL AREA OF SUBMISSION: 14,400 sq ft (0.33 AC.)
 8. BUILDING COVERAGE: 2035 sq ft (14%)
 9. LIMIT OF SUBMISSION SHALL BE THE LOT LINES. ALL OTHER GRADING SHOWN AS PROPOSED SHALL BE CONSIDERED, COMPLETED UNDER THE 84-87 CONSTRUCTION PLANS.
 10. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK, AT 792-7272.
 11. EROSION AND SEDIMENT CONTROL APPROVED AND EXISTING UNDER PLAN F-84-87



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, disking or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

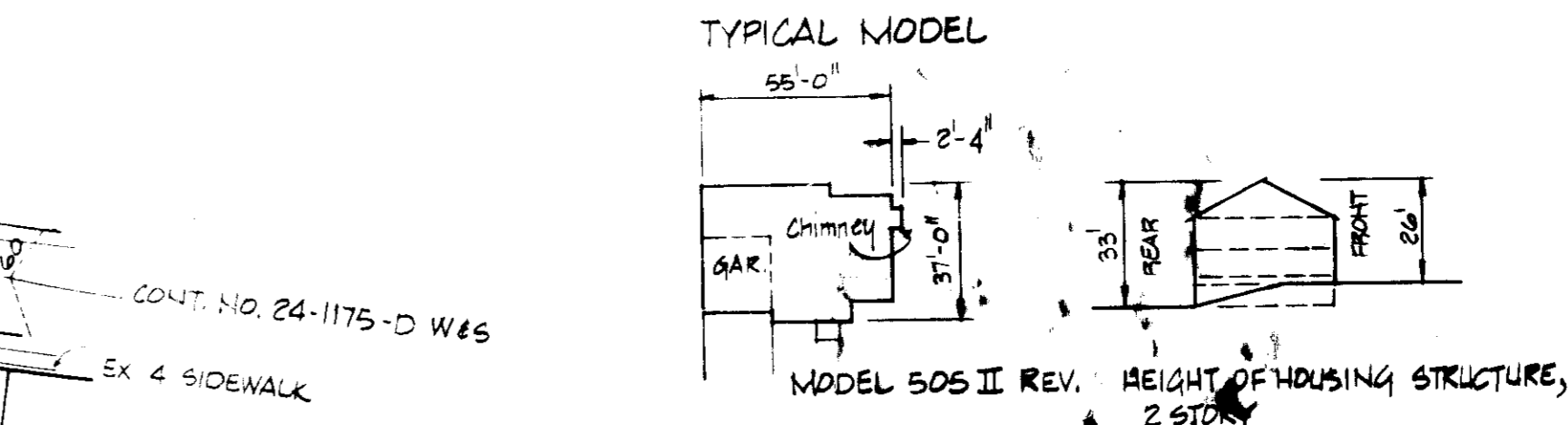
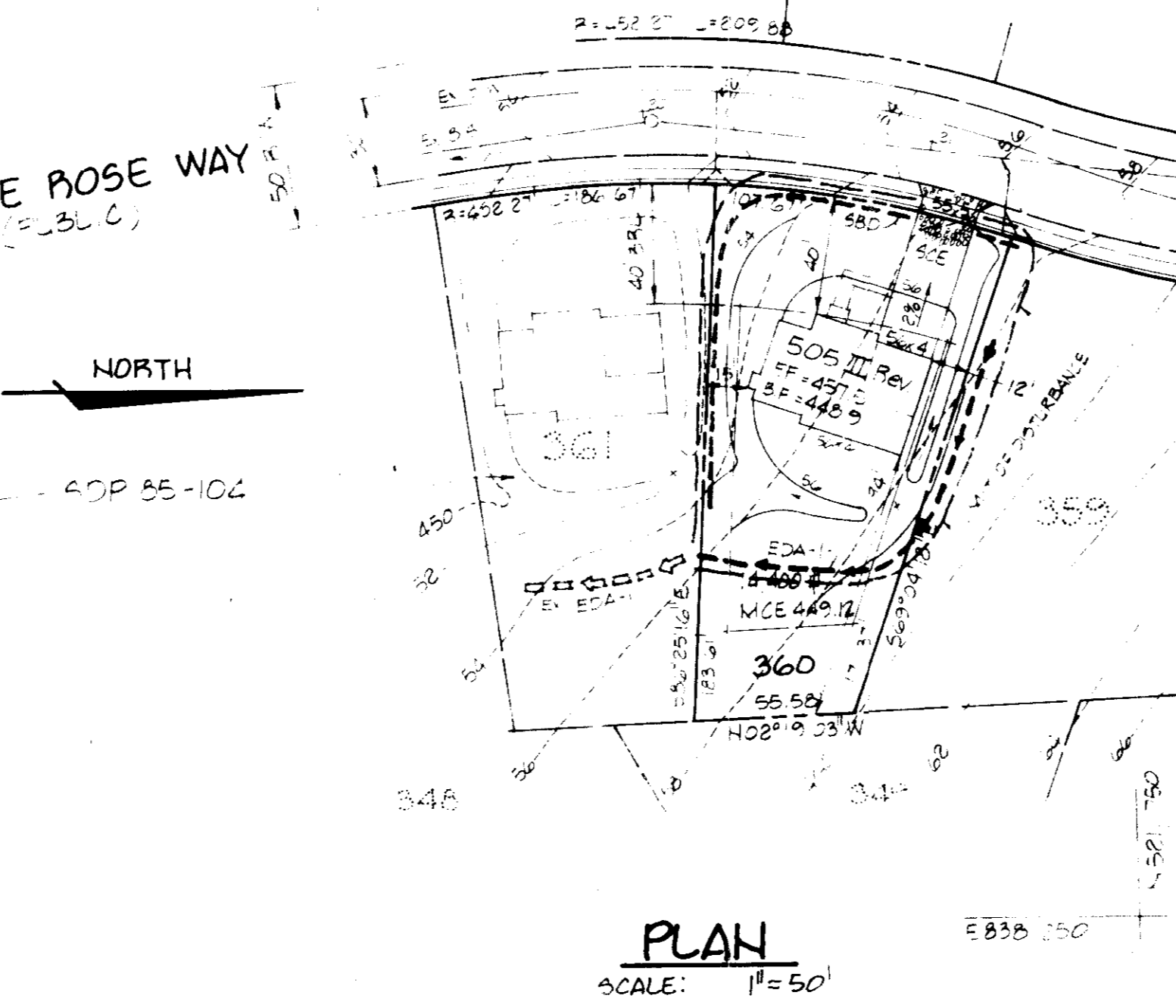
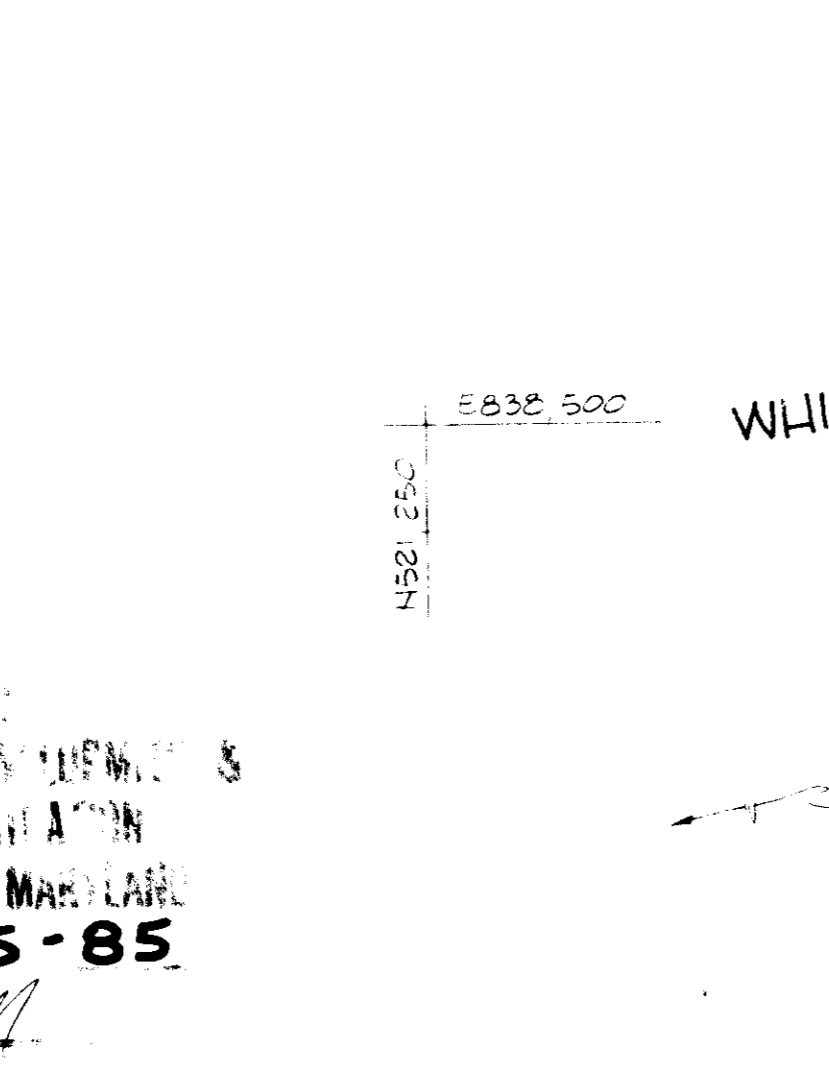
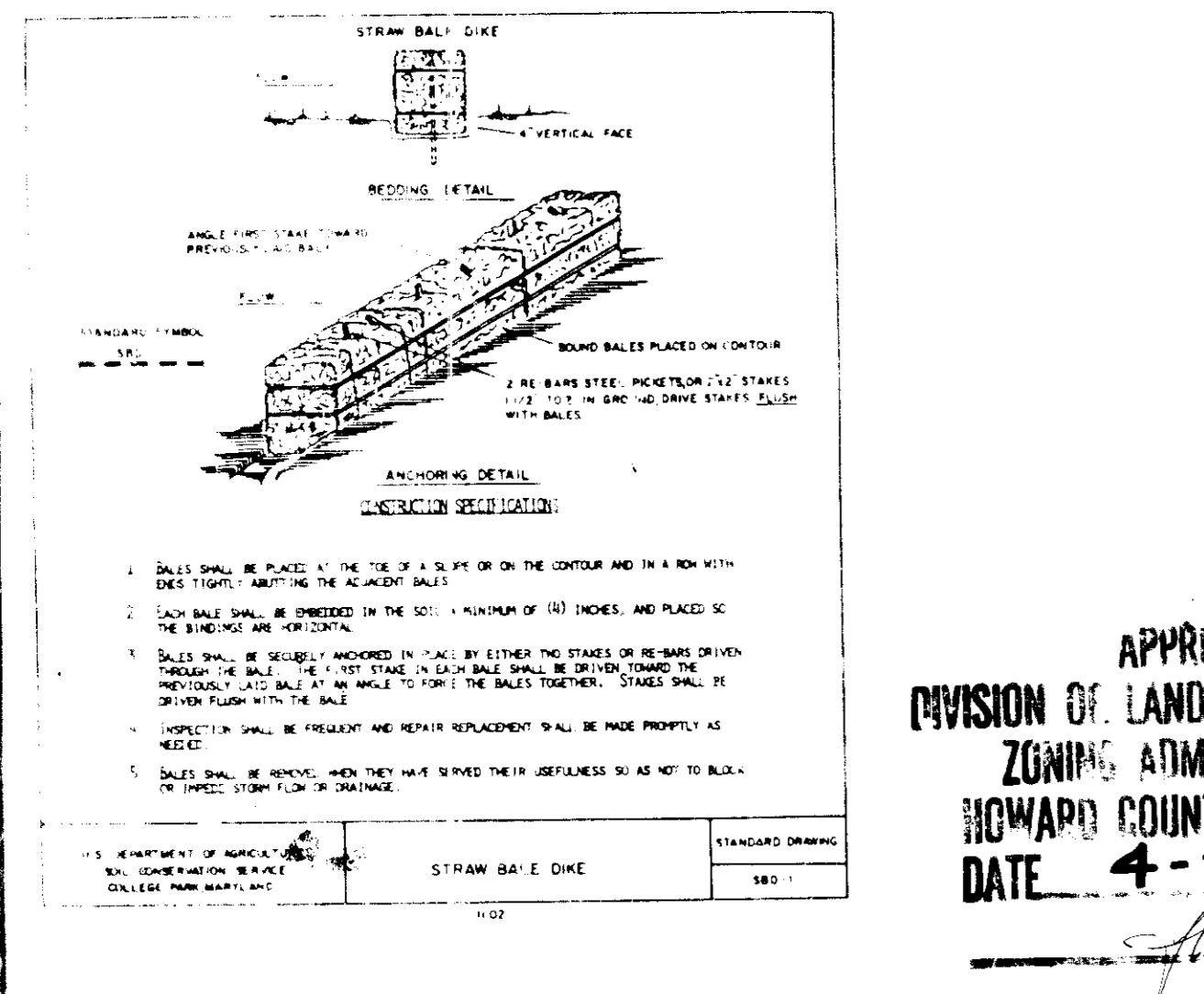
Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect 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 rotted 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.

"Sequence Of Construction"

1. Notify Howard County Bureau Of Inspection & Permits at least 24 hours before starting any work.
2. Construct all sediment control measures shown "Limits of Disturbance" noted on plan shall be inside a lot property line.
3. Dewater existing sediment trap with approval of Howard County Sediment Control Inspector.
4. Rough grade site to subgrade.
5. Construct house.
6. Fine grade site. Stabilize all disturbed areas.
7. Upon sediment control inspectors approval, remove all sediment control devices. Stabilize all remaining areas.
8. Maintenance.



SUBDIVISION NAME		SEC./AP/BA	LOT/PARCEL#
BURLLEIGH MANOR		4/5	360
PLAT# OR L/F	BLOCK#	ZONE	MAP/ZONE MAP
5809	13	R-20	24
WATER CODE		SEWER CODE	
J01		5841600	

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
360	3903 WHITE ROSE WAY

OWNER/DEVELOPER:
 COSTAIN, INC.
 RESIDENTIAL BUILDERS
 SUITE 1200
 THE EQUITABLE BANK CENTER
 COLUMBIA, MD. 21044
 301/465-0141

APPROVED For Public Water and Public Sewerage Systems, Howard County Health Department
John M. Boyd 5/16/85
 County Health Officer Date

APPROVED Howard County Office of Planning and Zoning
John M. Boyd 5-16-85
 Director Date

APPROVED Howard County Office of Planning and Zoning
John M. Boyd 5/16/85
 Director Date

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John M. Boyd 5-16-85
 Director Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Reviewed for Howard S.C.D. and meets technical requirements.
John M. Boyd 5-6-85
 Signature Date
 H.S.C.D. Soil Conservation Service

Approved: Howard S.C.D.
John M. Boyd 5/16/85
 Signature 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

Rudolph May Jr. 4/29/85
 Signature Date
 Rudolph B. May, Jr.

DEVELOPER'S CERTIFICATE

I/We certified 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 persons 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

Robert Luckett 4/19/85
 Signature Date
 Robert Luckett

KIDDE CONSULTANTS, INC.
 ENGINEERS, LAND PLANNERS & SURVEYORS
 8101 SANDY SPRING ROAD COLUMBIA, MD 21077
 (301) 725-0665 791 8196

DESIGNED: BLW
 DRAWN: BLW
 CHECKED: MJP
 DATE: APR 1985

SITE DEVELOPMENT PLAN & SEDIMENT CONTROL LOT # 360

BURLLEIGH MANOR
 SECTION 4 AREA 5/
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE 1"=50'
 SHEET NO. 1 OF 1
 JOB NO. 00038
 FILE NO. 10

DATE APRIL, 1985 SCALE 1"=50'

SDP-85-161 00038-10-1/1