

to grade or cleared areas not subject to immediate further disturbance, with a minimum undisturbed vegetative cover as noted.

Seeds/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:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 20-20 fertilizer (14 lbs/1000 sq ft) before seeding; apply 400 lbs per acre 30-10-10 fertilizer (9 lbs/1000 sq ft) at time of seeding; apply 400 lbs per acre 30-10-10 fertilizer (9 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding; or disc and apply three inches of soil.
- 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; or disc and apply three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 10 lbs per acre (4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 50 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 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 well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. 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 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 5 feet or higher, use 3 1/2 gallons per acre (8 gal/1000 sq ft) of emulsified asphalt.

Inspection: Inspect all seeded areas and make needed repairs, replacements and revegetations.

TEMPORARY SEEDING NOTES

to grade or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

Seeds/Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously seeded.

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 1 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 15, seed with 3 lbs per acre of weeping lovegrass (0.7 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.

Mulching: Apply 1 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 5 feet or higher, use 3 1/2 gallons per acre (8 gal/1000 sq ft) of emulsified asphalt.

Refer to the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

CONSTRUCTION SEQUENCE:

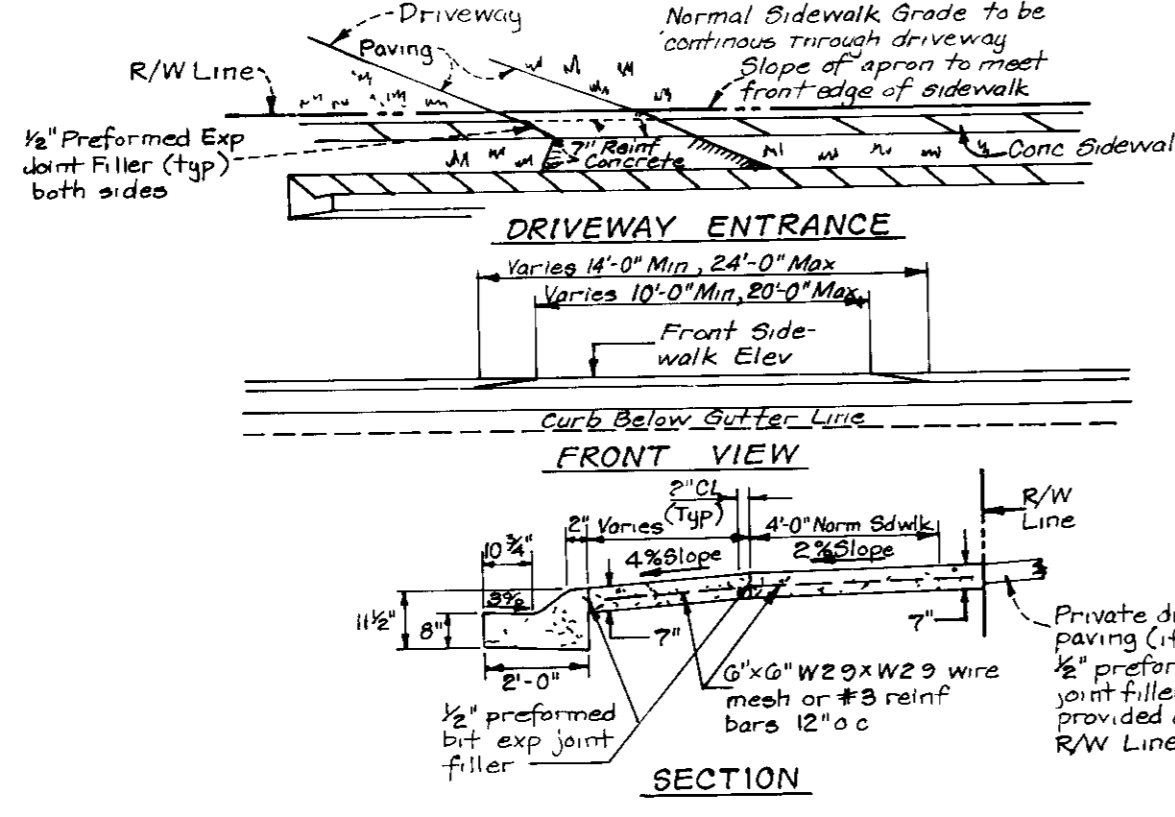
- Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
- Excavate for Foundations and Rough Grade of Temporarily Stabilize.
- Construct Structures, Sidewalks and Driveways.
- Final Grade and stabilize in accordance with Stds. & Specs.
- Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.

CONSTRUCTION SPECIFICATIONS:

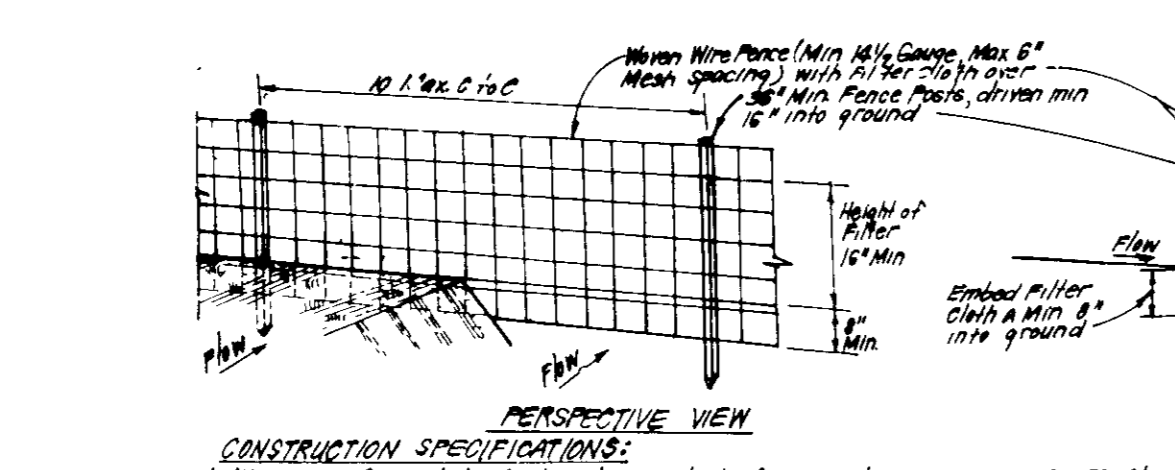
- Stone size: Use 2" stone or equivalent recycled concrete equipment.
- Length: As required, not less than 40 feet, except on a single residence lot where a 30 foot minimum length may apply.
- Thickness: Not less than six (6) inches.
- Width: Ten (10) feet minimum, but not less than the full width at 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 where ingress or egress occurs.
- Surface Water: All surface water flowing or overflowing toward construction entrance shall be intercepted by the entrance. If ingress is impractical, a runoff side ditch with 5' slopes will be permitted.
- Maintenance: The entrance shall be maintained in a condition which will prevent trapping or flowing of sediment into public rights-of-way. This may require periodic top dressing, with additional stone, stone or concrete gravel and repair sand or concrete. All maintenance used to the entrance shall be removed immediately.
- Warning: Signs shall be placed to remove sediment from the entrance into public rights-of-way. When warning is required, it shall be done in 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 storm.

CONSTRUCTION SEQUENCE:

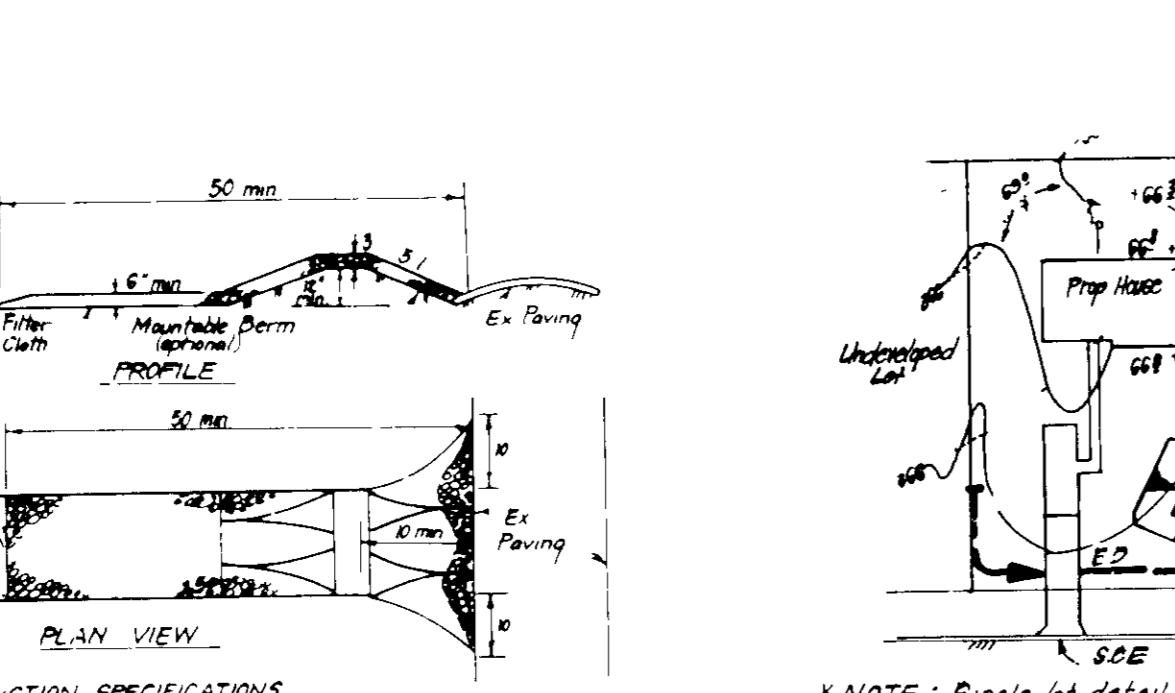
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- Excavate for Foundations and Rough Grade of Temporarily Stabilize.
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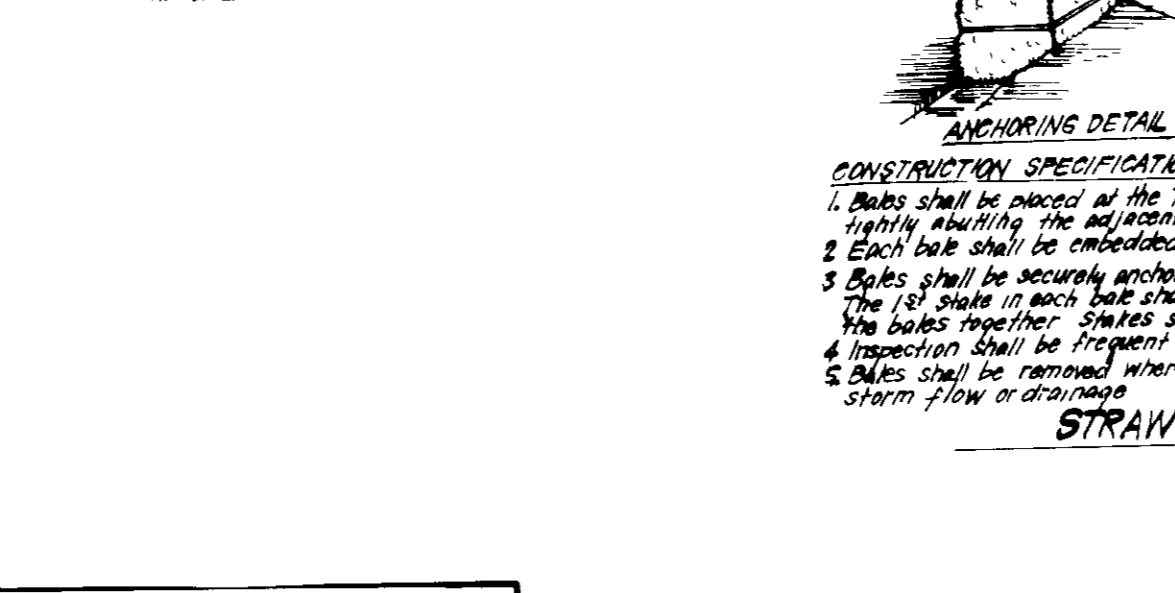
DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMBINATION CURB AND GUTTER AND SIDEWALK



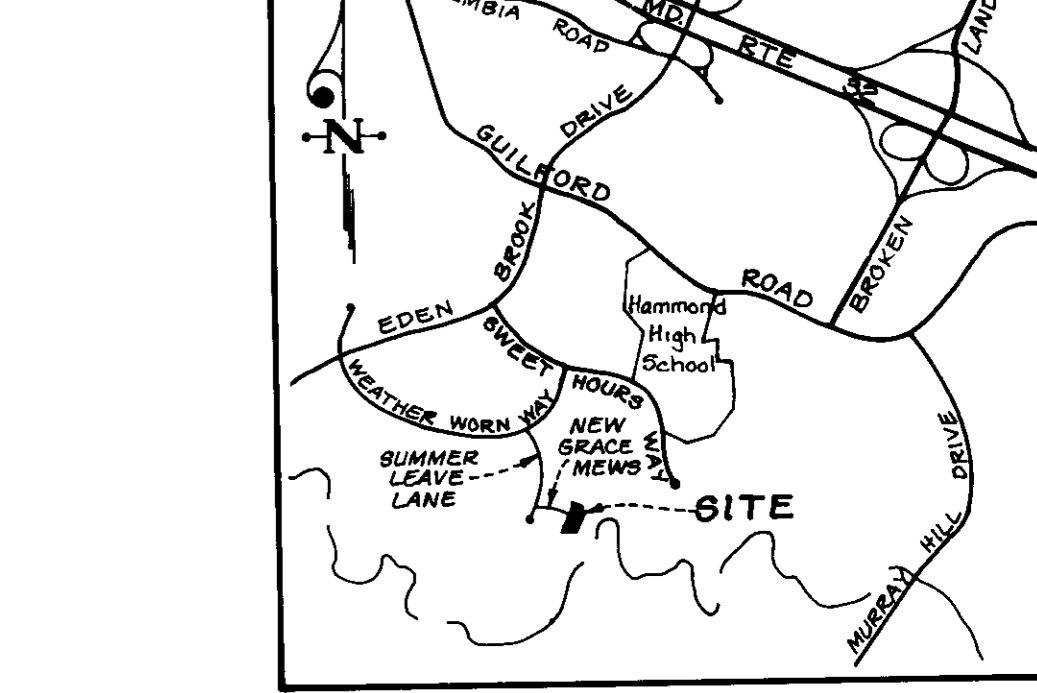
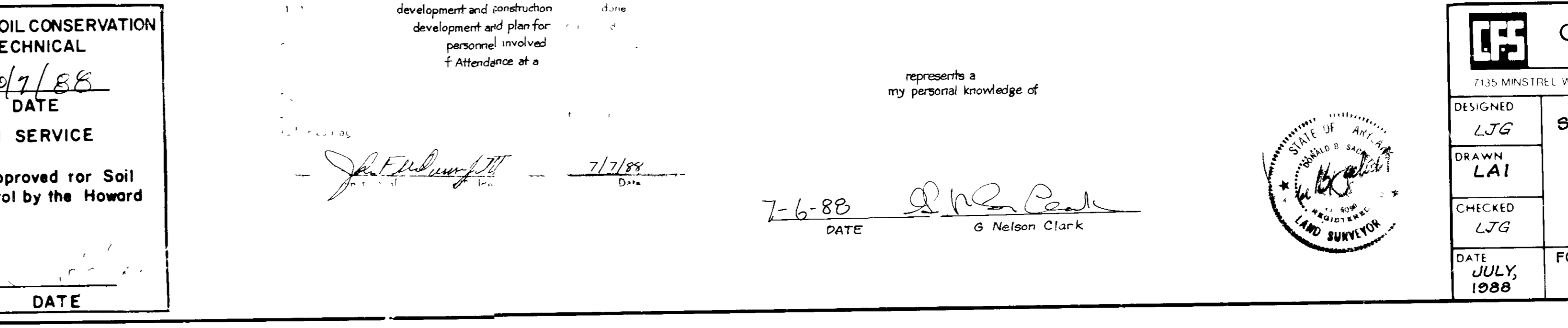
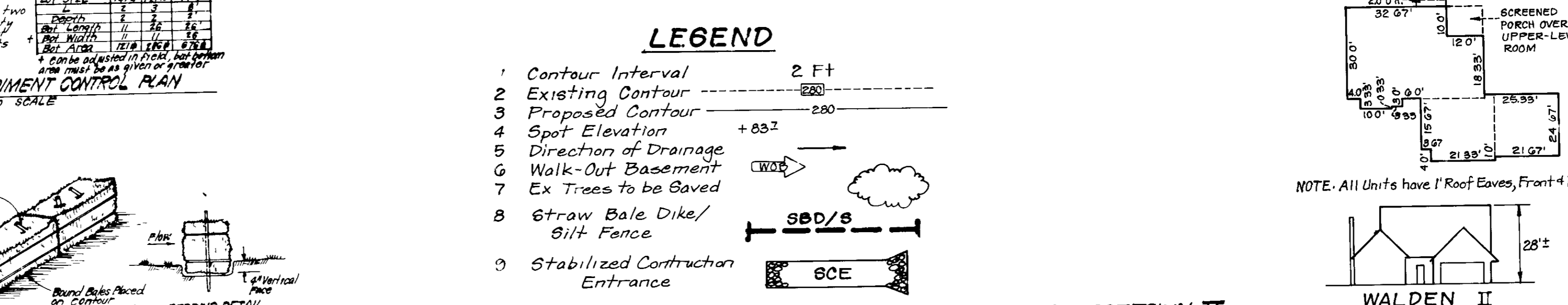
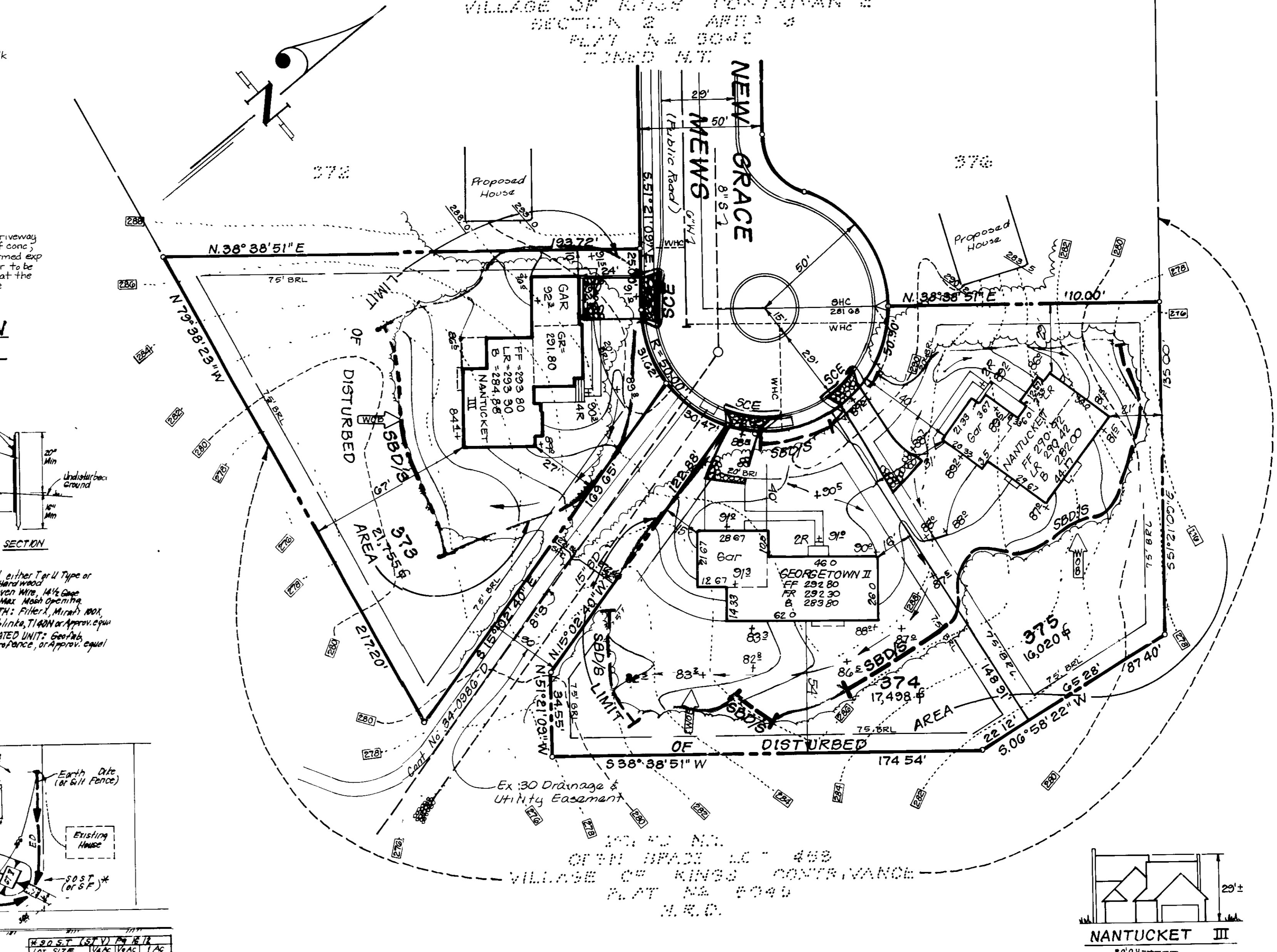
SILT FENCE DETAIL (S)



STABILIZED CONSTRUCTION ENTRANCE (SCE)



STRAW BALE DIKE DETAIL (SBD)



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- The Land included is zoned New Town, SFLO.
- Coordinates are based on the Maryland State Grid System and derived from Howard County Control Stations 2340002 R, 4487041 B1G, E 837100 745, 2340002 R, 4487041 B2, E 836700 451, 2340002 R, 4488870 177, E 836000 852.
- All roads are public and existing.
- Any damage to county owned rights-of-way to be corrected at Developer's expense.
- Total area included is 1.2689 Acs.
- Total number of lots is 3.
- The contractor or developer shall contact the Construction Inspection/Burvey Division 24 hours in advance of commencement of work at 792-2630.
- Maximum building coverage is 80% per lot.
- Existing topo was field run by Clark, Finerock and Sackett, Inc.
- Recording references of 3054A-330 thru 3054A-339 are indicated as FDP 178, Part III.
- Planning & Zoning File reference numbers: VP-80-32, VP-82-34, 5-79-25, P-79-41, E-84-553.
- Stormwater management for this project has been provided in the Village of Kings Contrivance, Section 2, Area 3, phase 3 F-80-26-C.

SPECIAL NOTES

- Approved Road Construction Plans shall be used for all public utilities.
- Public Water and Sewer shown for reference only. For more detailed information, see Water and Sewer Plans Contract No. 34-0986-D.
- 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 shall be 4" iron.

NO	REVISIONS	Date
1	Revise & grad lots 374 & 375	7.10.88



LOT No.	STREET ADDRESS
373	7514 New Grace Mews
374	7518 " " " "
375	7517 " " " "

SUBDIVISION NAME - COLUMBIA, SECT/AREA	LOTS
VILLAGE OF KINGS CONTRIVANCE 3/2	373 thru 375
PLAT No. BLOCK # ZONE TAX/ZONE MAP/ELEC DIST CENSUS TR	
8115 13 N.T. SFLO 42 6th 6062	
WATER CODE	BEWER CODE
E-16	G340000

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

[Signature] 11-1-88
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] 11.5.88
PLANNING DIRECTOR DATE

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

[Signature] 11-14-88
DATE

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

7-28-88
LIC 5

DIRECTOR DATE
[Signature] 10-26-88
CHIEF BUREAU OF ENGINEERING DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

[Signature] 10/9/88
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

[Signature] DATE
Howard S.C.D. DATE

DEVELOPER/BUILDERS CERTIFICATE

development and construction development and plan for personnel involved Attendance of a

represents a personal knowledge of

[Signature] 7-6-88
DATE

[Signature] 7-6-88
DATE

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

715 MINISTRELL WAY • COLUMBIA, MD 21046 • TEL: 410-751-1111 • FAX: 410-751-1112

SITE DEVELOPMENT PLAN AND SEDIMENT AND EROSION CONTROL PLAN
LOTS 373 THRU 375
COLUMBIA
VILLAGE OF KINGS CONTRIVANCE
SECTION 2 AREA 3 PHASE 3
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

SCALE: 1" = 30'
DRAWING: 1 of 1
JOB NO: 88-039
FILE NO: 88-039

DESIGNED: L.J.G.
DRAWN: L.A.I.
CHECKED: L.J.G.
DATE: JULY, 1988

FOR: McDONOUGH BUILDERS, INC
6310 Stevens Forest Road - #104
Columbia, MD 21046

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

[Signature] 7-28-88
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] 7-28-88
PLANNING DIRECTOR DATE

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

[Signature] 7-28-88
DATE

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

7-28-88
LIC 5

DIRECTOR DATE
[Signature] 10-26-88
CHIEF BUREAU OF ENGINEERING DATE