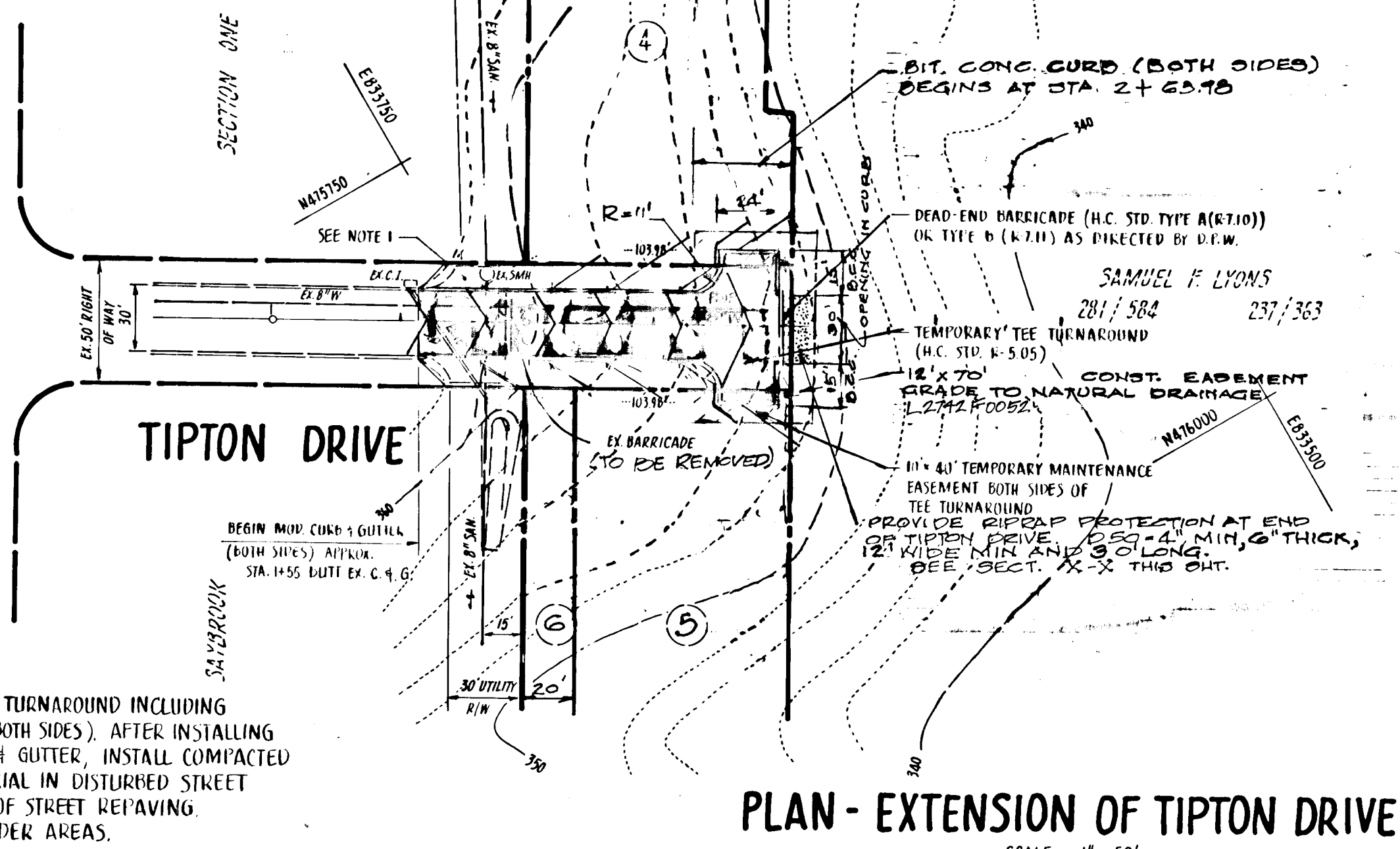
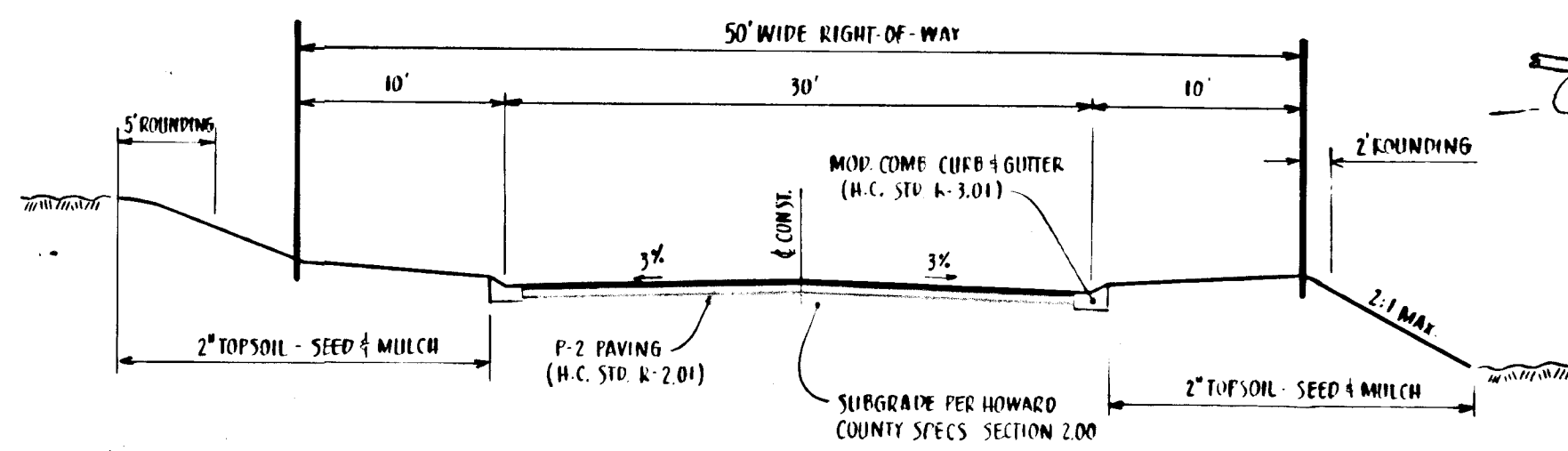


HEATHERWOLD DRIVE

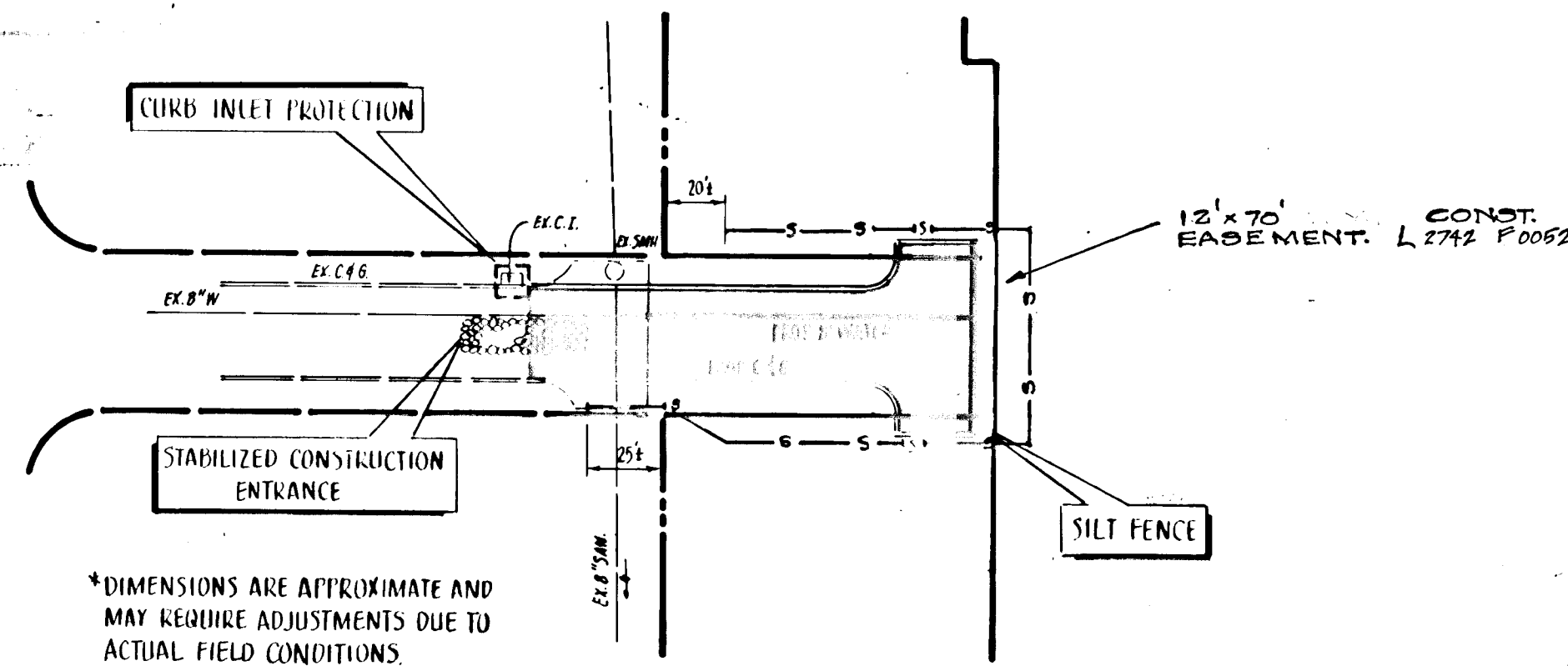


- NOTE 1: REMOVE EX. TEMP. TURNAROUND INCLUDING BIT CONC. CURB (BOTH SIDES). AFTER INSTALLING NEW MOD. CURB & GUTTER, INSTALL COMPACTED SUBGRADE MATERIAL IN DISTURBED STREET AREAS AS PART OF STREET REPAVING. RESTORE SHOULDER AREAS.
- NOTE 2: DRIVEWAY APRONS ARE PART OF HOUSE SITE CONSTRUCTION.
- NOTE 3: CONSTRUCTION LIMITS ARE 50' WIDE FROM STA. 1+55 TO STA. 2+63.98 AND 70' WIDE FROM STA. 2+63.98 TO STA. 3+03.98

PLAN - EXTENSION OF TIPTON DRIVE
SCALE: 1" = 50'



TYPICAL CLOSED ROAD SECTION
HOWARD COUNTY STD. R-102
NO SCALE
APPROX. STA. 1+55 TO STA. 2+98.98
DESIGN SPEED - 25 M.P.H.



SEDIMENT CONTROL PLAN
SCALE: 1" = 50'

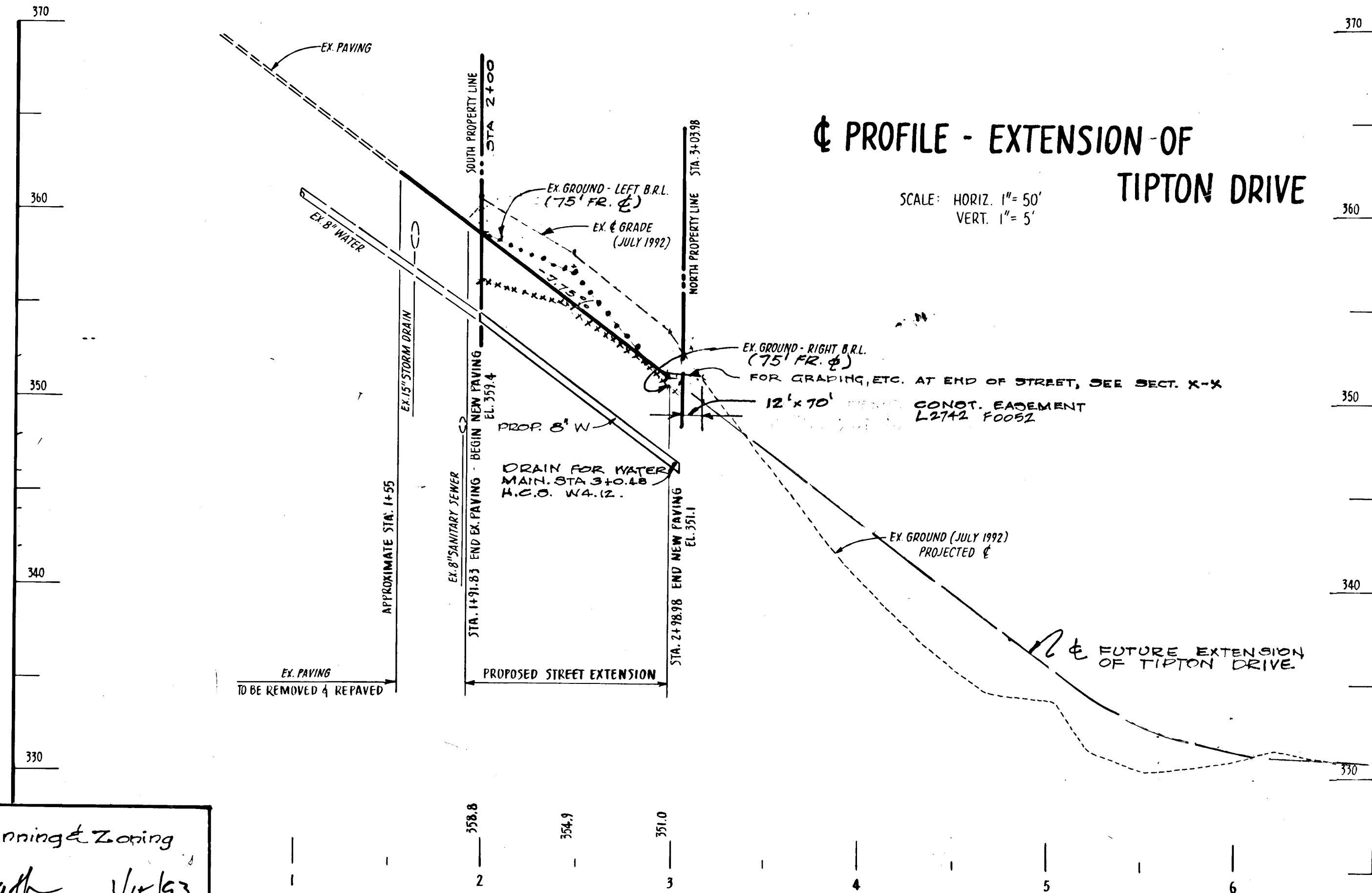
CONSTRUCTION SEQUENCE AND MISCELLANEOUS REQUIREMENTS

Sediment Control Requirements

- These requirements cover Water Line Extension, MHC and SHC, as well as Road Extension although under separate contracts. If different contractors are used coordination of these requirements between the contractors is necessary. (WATER/SEWER CONTRACT NO. 24-3233-D)
- Do not proceed with construction until all agreements and permits have been executed and issued.
- All sediment control measures shall be in accordance with Section 219 of Howard County Design Manual, Volume IV, Standard Specifications and Details and 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control.
- Provide and maintain safety barricades, flashing lights, signs, etc. for public and workperson protection.
- Install Curb Inlet Protection (Md. Std. IPD-1) for existing curb inlet structure: 1/4 work day
- Remove existing paving beginning at approx. sta. 1+55 to end (sta. 1+91.83). Remove existing barricade: 1/2 work day
- Install Stabilized Construction Entrance (Md. Std. SCE-1): 1/4 work day
- Install Silt Fence (Md. Std. SF-1): 1 work day
- Clear and grub: 1 work day
- Install 8" water pipe extension, appurtenances, and 3/4" MHC thereto prior to road extension: 2 work days
- Construct road extension and appurtenances: 4 work days
- Install MHC. Install all SHC Lots #4 thru #6. Provide and maintain safety devices (Item #4 above) and sediment control devices (Item #3 above): 2 work days
- Maintain all sediment control devices on a daily basis.
- Temporarily stabilize all disturbed soil areas within 7 calendar days (Md. Std. Category III, 50.01).
- Permanently stabilize all disturbed soil areas at end of construction (Md. Std. Category III): 1/2 work day
- After all construction approvals have been received, remove all sediment control devices, clean and restore areas and after receiving permission from the sediment control inspector: 1 work day.
- TOTAL TIME: 12 1/2 WORK DAYS.

GENERAL NOTES

- All construction shall be in accordance with the current Howard County, Maryland, Design Manual, Volume IV, Standard Specifications and Details and applicable Howard County Codes and Ordinances.
- Project Benchmarks:
 - BH #1- square cut in NE corner of curb inlet, west side of Tipton Drive, 150' north of Heatherwold Drive. EL. 362.10
 - BH #2- square cut on north end of curb and gutter, east side of Tipton Drive, 150' north of Heatherwold Drive. EL. 361.30
- Applicable File Numbers for this Project are:
 - Property shown is recorded as Plat No. , dated
 - among the Land Records of Howard County, Md.
 - Tax Map No. 46
 - Ref. F-77-44, Plat 3647 AND F-92-157
- This Road Drawing is based on Property Line and Topographic Surveys done by the J.E. Clark Co., Registered Professional Land Surveyor (Md. No. 4379), P.O. Box 147, Laurel, MD 20725, Phone: (301) 725-3442.
- This Drawing is for construction of Street and related items only.
- Area to be paved is approximately 5300 sq. ft.
- Contractor shall notify the following utilities or agencies at least five working days before starting work on these plans:
 - Miss Utility: 1-800-559-0100
 - Howard County Department of Public Works, Bureau of Highways and Bureau of Utilities: (410) 313-4900
 - C and P Telephone: 1-800-257-7777
 - Baltimore Gas & Electric Co. - Contractor Services: (410) 850-4620
 - Baltimore Gas & Electric Co. - Under Ground Damage Control: (410) 787-9068
 - Colonial Pipeline Co.: 795-1390
 - HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION (410) 313-3350
- A Fee-In-Lieu of Providing Stormwater Management was approved for this project by DPW Letter dated 10-14-92.



PROFILE - EXTENSION OF TIPTON DRIVE
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

Approved:
Department of Planning & Zoning
Alex Rombach 1/15/93
Chief, Division of Community Planning and Land Development

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DIRECTOR OF PUBLIC WORKS
Charles Pannun 1/12/93
CHIEF, LAND DEVELOPMENT DIVISION

AEdile Inc.
ENGINEERS - BUILDERS
15121 CENTERGATE DRIVE
SILVER SPRING, MARYLAND 20905
(301) 989-0230

REG. NO. 3302
Robert L. Pumphrey
ROBERT L. PUMPHREY, 5P

DES: R.L.P.	
DRN: W.V.A.	
CHK:	
DATE: 12-8-92	
BY NO.	
REVISION	
DATE	

STREET PLAN & PROFILE
EXTENSION OF TIPTON DR.
600' SCALE MAP NO. 45 BLOCK NO. 12

ROMBACH PROPERTY
Lots 3 through 6
Tax Map no. 46
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CONTRACT NO.

SCALE AS SHOWN
Parcel no. 319
SHEET 1 OF 2

OWNER: ALEX ROMBACH
10676 SCAGGSVILLE RD.
LAUREL, MD 20725

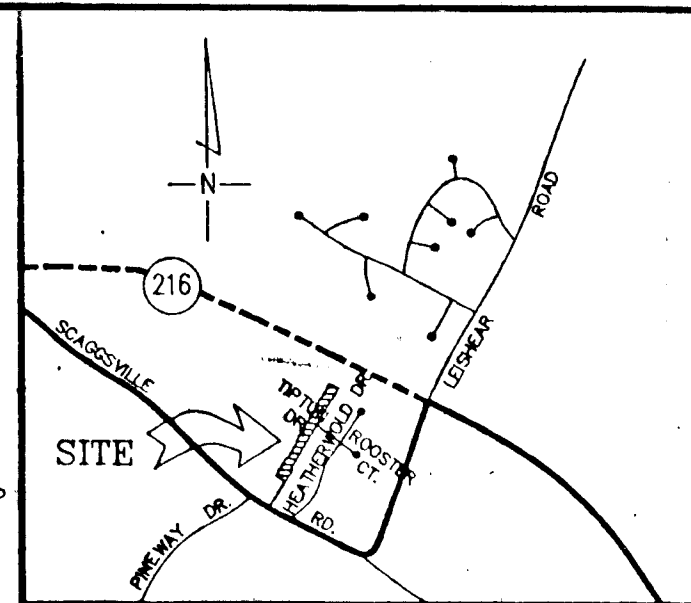
ROAD CONTRACT NO.:
ROMBACH PROPERTY - LOTS 3-6
HOWARD COUNTY, MD.

This development is approved for erosion and sediment control by the Howard Soil Conservation District.
Approved:
John Z. Schij 12/22/92
Howard Soil Conservation District Date

Sediment Control measures for this contract will be implemented in accordance with Section 219 of the Howard County Design Manual and Standards and Specifications for soil erosion and sediment control in developing areas.
Reviewed for Howard County Soil Conservation District and meets technical requirements.
John M. Allen, P.E. 12/22/92
Soil Conservation Service Date

VICINITY MAP
SCALE: 1" = 2000'

MD. STATE GRID SYSTEM
HOWARD COUNTY GEODETIC
CONTROL POINTS:
NO. 1929000
NO. 1940000



STANDARD AND SPECIFICATIONS FOR TOPSOILING

Section I - Site Preparation (Where Topsoil is to be added)

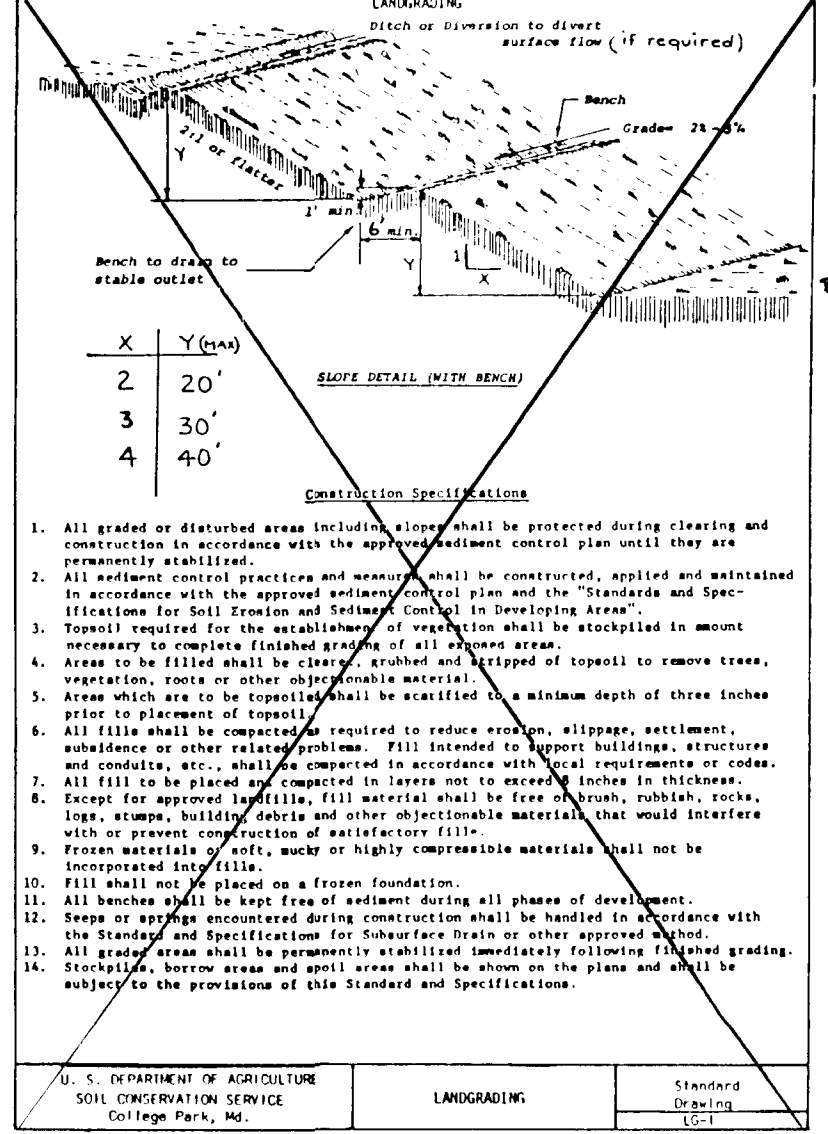
VEGETATIVE STABILIZATION
Permanent and Temporary Seeding, Sodding and Mulching

Section II - Topsoil Material and Application

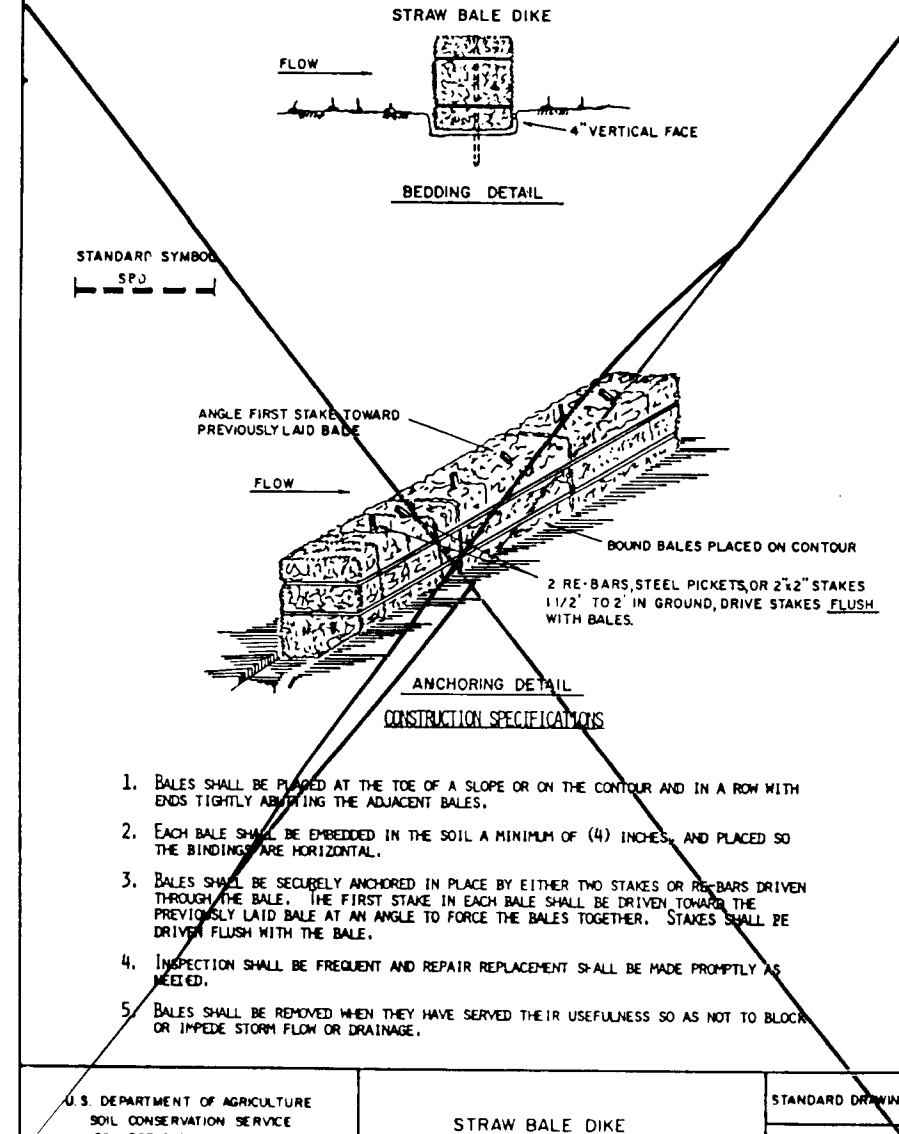
1. Kentucky 31' Tall Fence
2. Low Maintenance and Mowing Areas
3. General and Large Areas

Alternative for Permanent Seeding
Composted Sludge Material

1. Be applied by or originate from a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of Health and Mental Hygiene under Regulation 10.17.10.



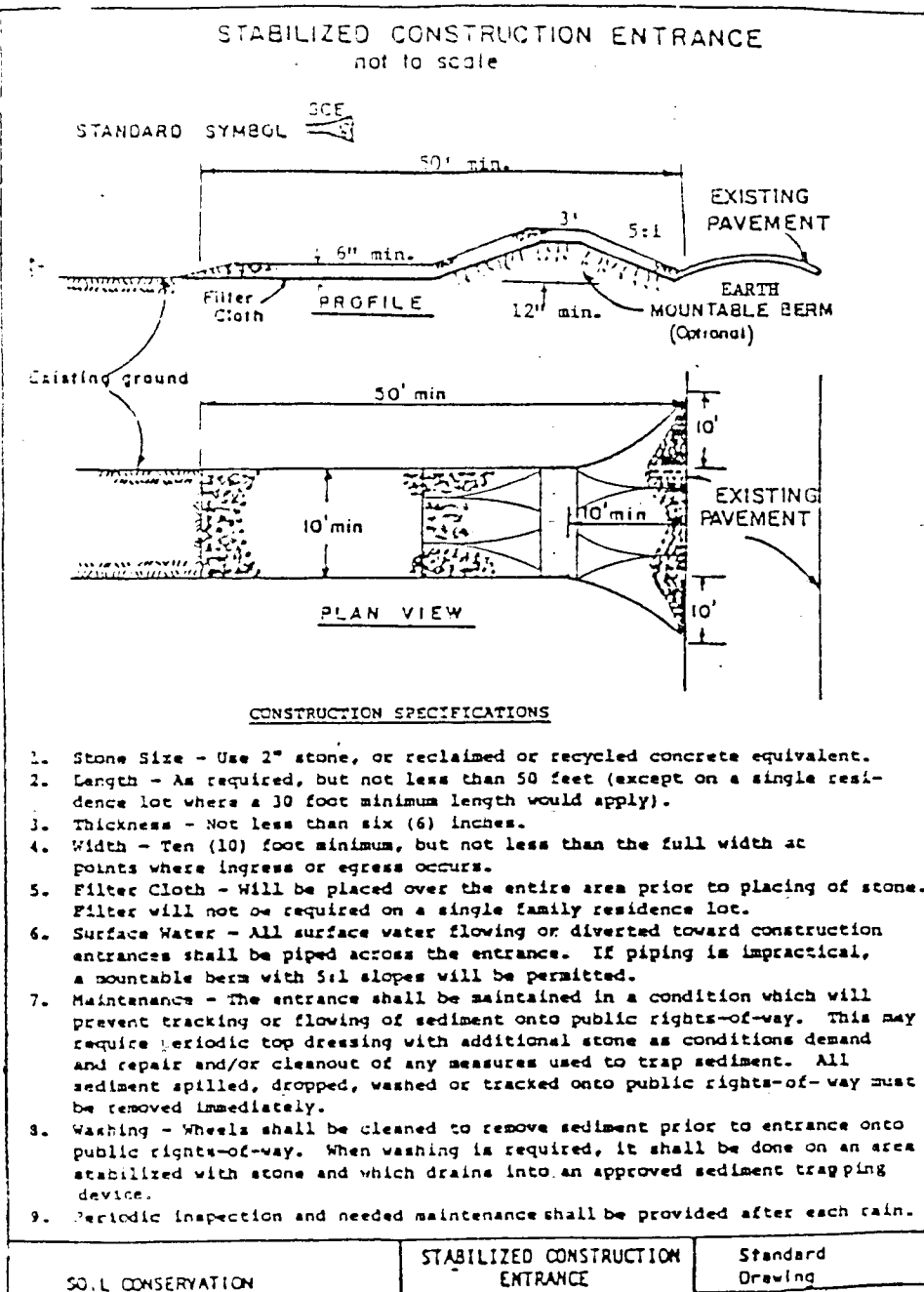
STRAW BALE DIKE



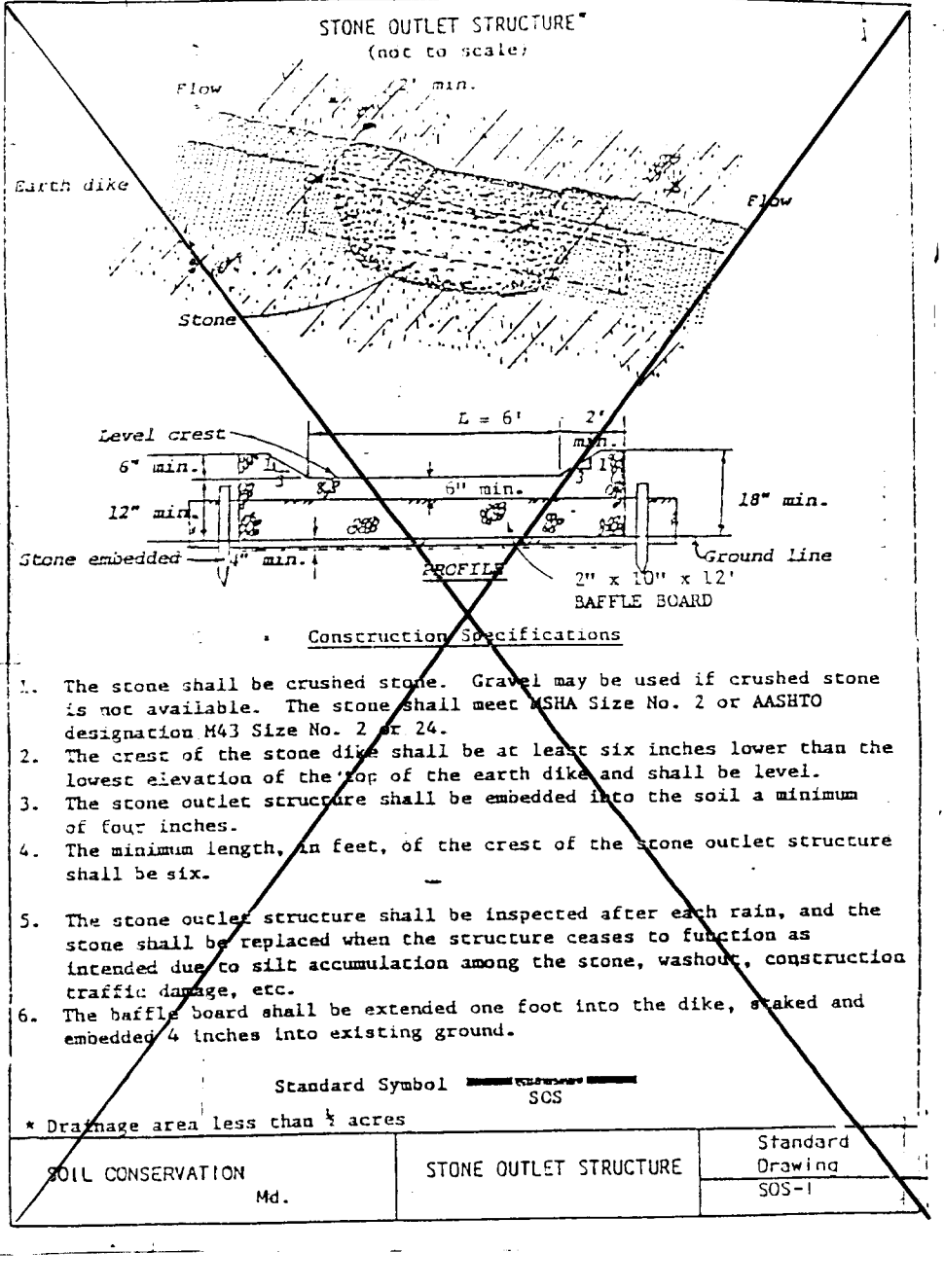
STRAW BALE DIKE

SEDIMENT CONTROL NOTES
1. All minimum and maximum dimensions shown on this plan shall be maintained...

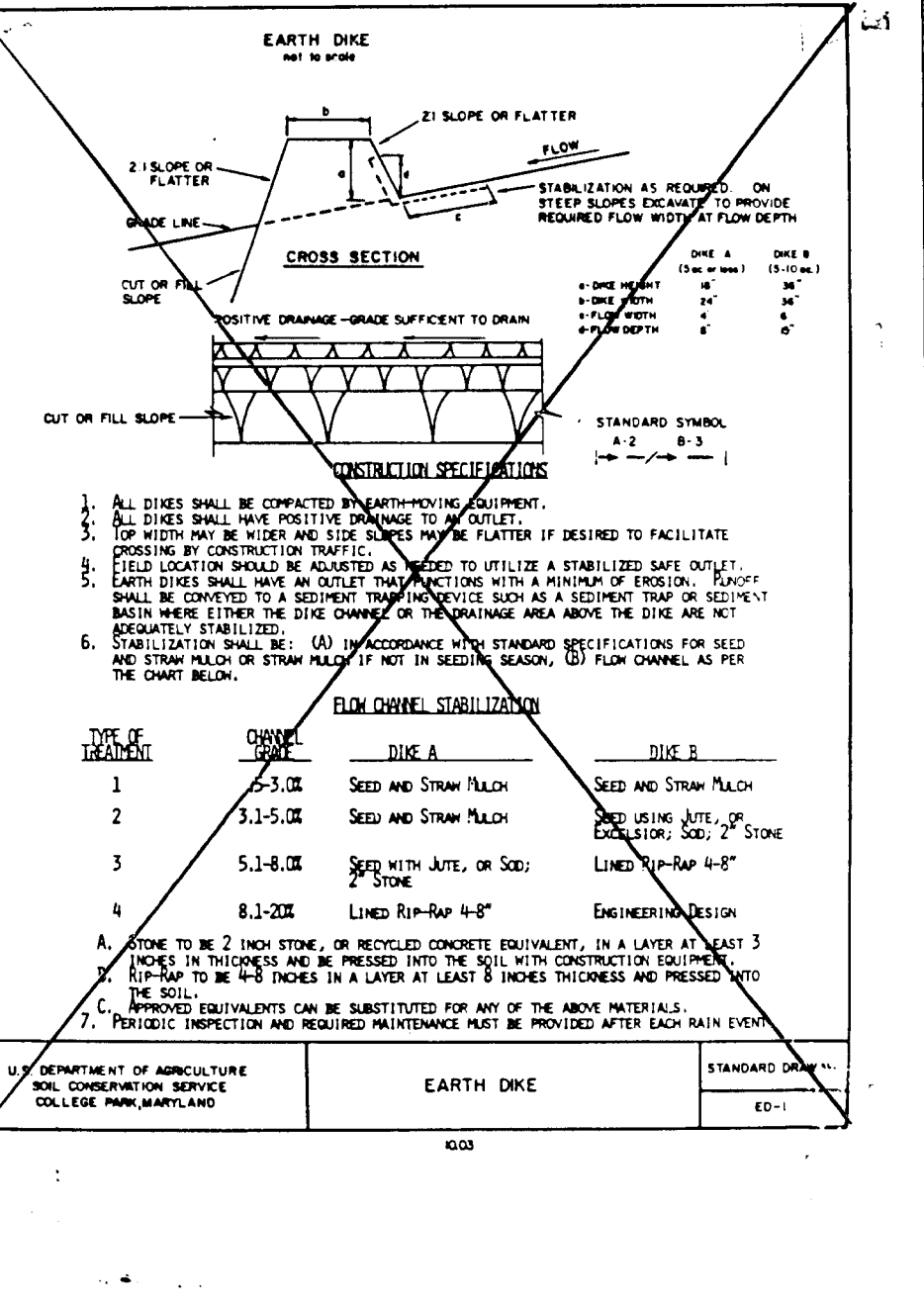
SILT AND EROSION CONTROL NOTES
1. The developer is responsible for the acquisition of all required assessments, right-of-way and/or right-of-way easements...



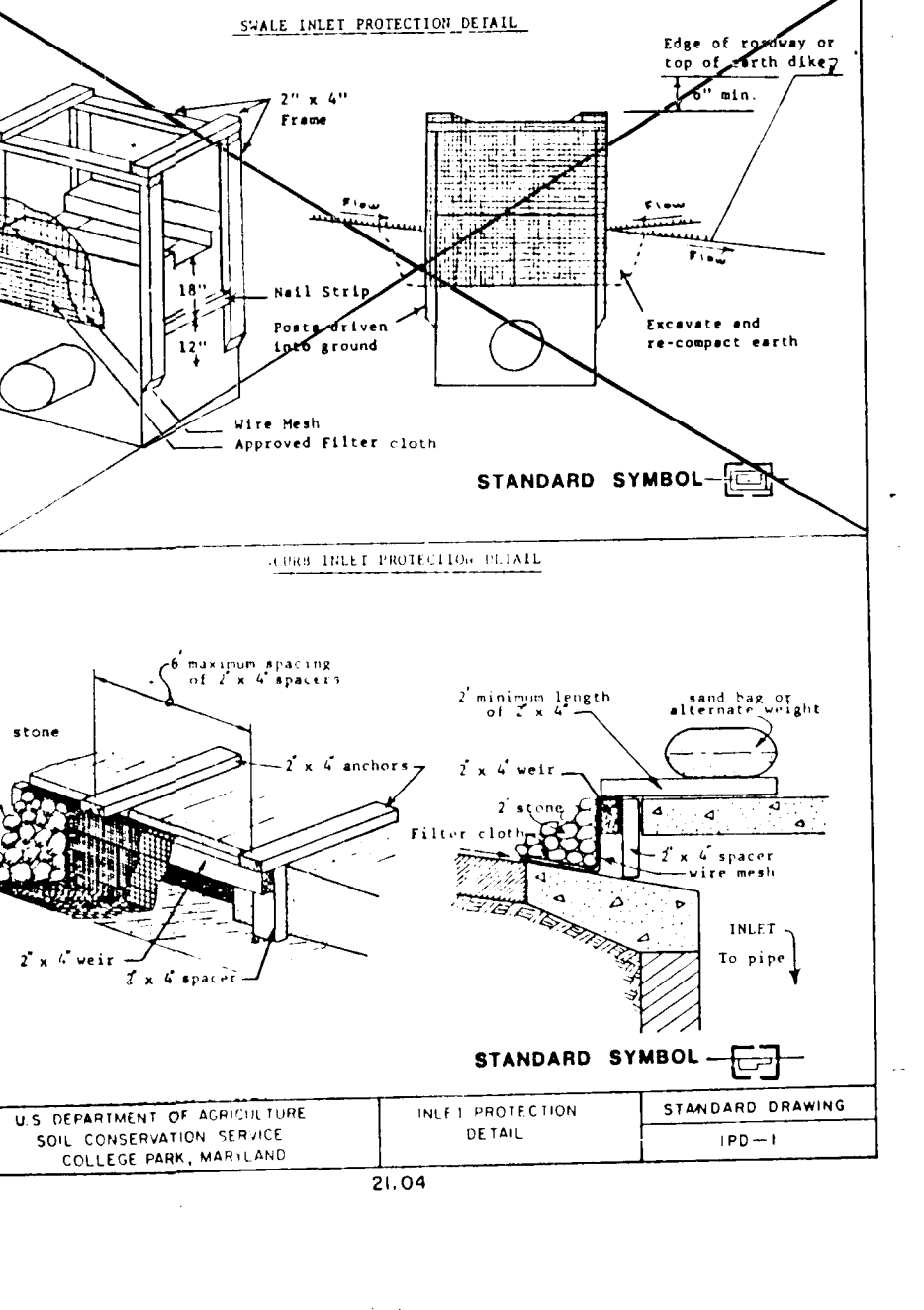
STABILIZED CONSTRUCTION ENTRANCE



STONE OUTLET STRUCTURE



EARTH DIKE



STONE INLET PROTECTION

CONSTRUCTION SPECIFICATIONS
1. Stone size - 2" stones, or recycled or recycled concrete equivalent.

CONSTRUCTION SPECIFICATIONS
1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available.

CONSTRUCTION SPECIFICATIONS
1. All dikes shall be constructed in accordance with the following specifications:

CONSTRUCTION SPECIFICATIONS
1. All dikes shall be constructed in accordance with the following specifications:

Approved: Department of Planning & Zoning
Elmua H. Houch
Chief, Division of Community Planning and Land Development

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
SILT & EROSION CONTROL DETAILS

STREET PLAN & PROFILE
EXTENSION OF TIPTON DR.
ROMBACH PROPERTY
Lots 3 through 6
Tax Map no. 46
Parcel no. 319

6076

F98-157