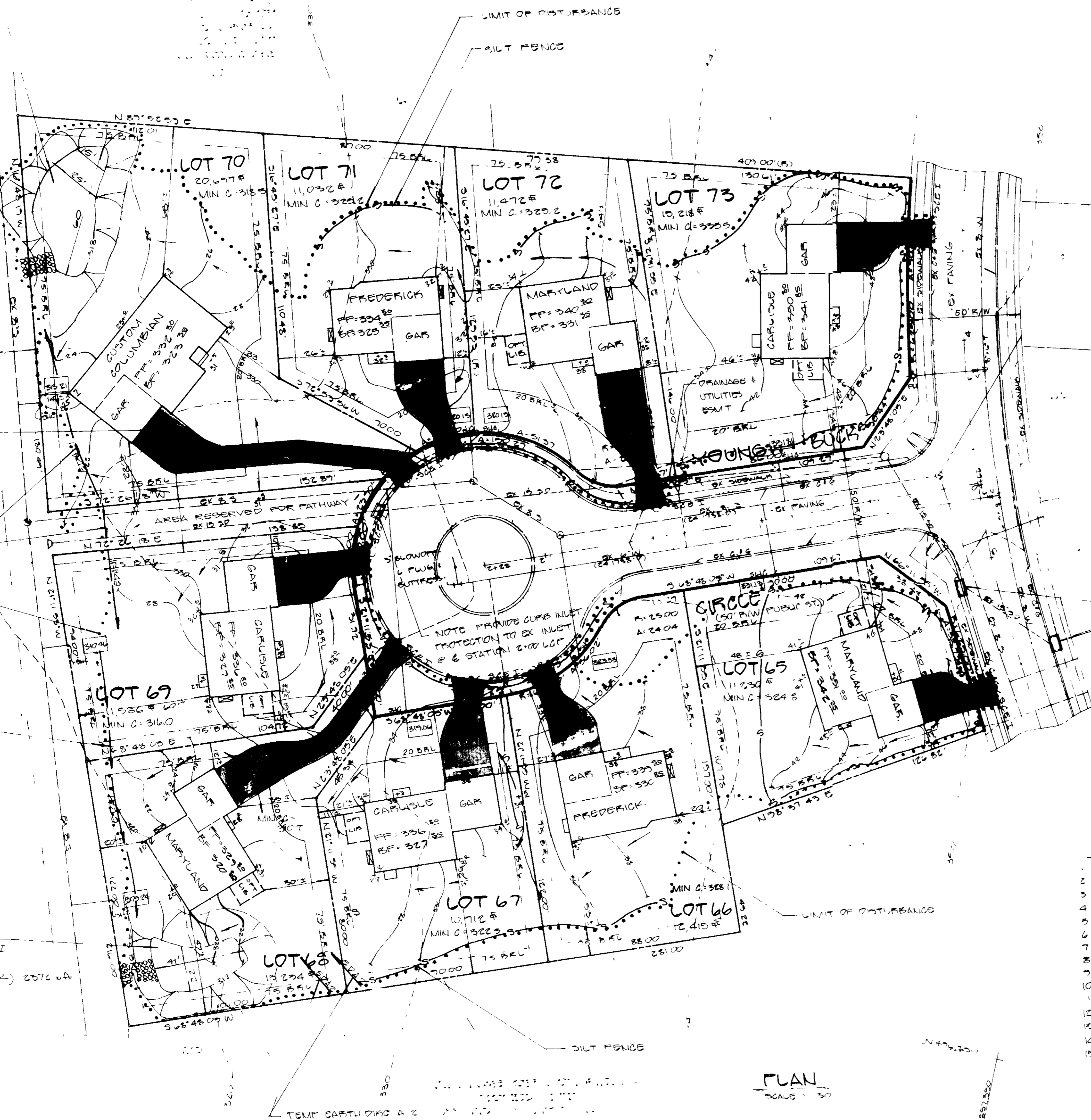


SEDIMENT TRAP # 2  
 STONE OUTLET TRAP SIZE  
 75' 00" - 100' 0" W x 4'  
 VOL. FWD (2500) 2576 W x 4'  
 MAX STORAGE 3200  
 TOP EMB 3120  
 W/S/L LENGTH 175  
 TOP SUBANK 3220  
 W/S/L EL 3210  
 SUBOUT EL 3170

SEWER & UTILITIES BASEMENT  
 50' DRAINAGE & UTILITY BASIN  
 TEMP BARTH DKS A-1  
 LIMIT OF DISTURBANCE  
 TEMP BARTH DKS A-1  
 NOTE DELAY CONSTRUCTION OF HOUSES ON 68 & 70 UNTIL SEDIMENT CONTROL INSPECTOR AUTHORIZES REMOVAL OF TRAP

SEDIMENT TRAP # 1  
 STONE OUTLET TRAP SIZE  
 75' 00" - 100' 0" W x 4'  
 VOL. FWD (2500) 2576 W x 4'  
 MAX STORAGE 3100  
 TOP EMB 3100  
 W/S/L LENGTH 175  
 SUBOUT EL 3150



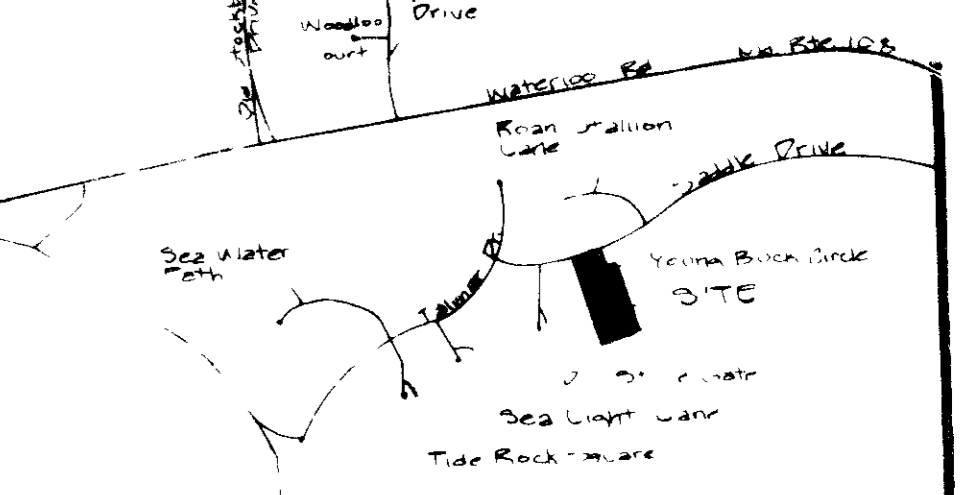
N 471200  
 150' 00" 0.000000

SADDLE DRIVE  
 (50' MIN FUTURE STREET)

NOTE PROVIDE CURB INLET PROTECTION TO EX INLETS # 2 & STATION 2+00 LOT 65 AND 5+46

PLAN  
 SCALE 1" = 30'

- CONSTRUCTION SEQUENCE
- 1 OBTAIN GRADING PERMITS
  - 2 INSTALL SEDIMENT CONTROLS
  - 3 CLEAR SITE
  - 4 STRIP AND STOCKPILE TOPSOIL
  - 5 EXCAVATE FOR FOUNDATION
  - 6 POUR FOOTINGS
  - 7 INSTALL FOUNDATION WALLS
  - 8 INSTALL UTILITIES
  - 9 BACKFILL FOUNDATION
  - 10 ROUGH GRADE SITE
  - 11 INSTALL WALKS AND DRIVES
  - 12 FINE GRADE SITE
  - 13 LANDSCAPE
  - 14 STABILIZE SITE
  - 15 REMOVE SEDIMENT CONTROL DEVICES WHEN APPROVED BY HOWARD COUNTY SEDIMENT CONTROL INSPECTOR



VICINITY MAP  
 SCALE 1" = 1000'

FOLLOWING INITIAL SOIL DISTURBANCE OR REEPAIRS PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES (DIMS, SWALES, DITCHES, PERIMETER SLOPES) AND ALL SLOPES GREATER THAN 3:1 (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE

NOTE THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE

DEVELOPER CERTIFICATE

WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSTRUCTION DIVISION.

*John S. ...* DATE 11/14/88

PROFESSIONAL ENGINEER

*W. H. ...* DATE 11/14/88

GENERAL NOTES

- 1 AREA OF PROPERTY 117,996.27 SQ FT
- 2 PROPERTY ZONED R-1
- 3 BUILDING COVERAGE 17,105 SF
- 4 TOPOGRAPHY BY FISHER, COLLINS, AND CARTER, INC. 10-1-87
- 5 TAX MAP 37
- 6 STORM WATER MANAGEMENT FROM APPROVED CONSTRUCTION PLAN P-88-78
- 7 WATER & SEWER FOR CONTRACT N-24-1738-D
- 8 ROUGH GRADING PER CONSTRUCTION PLAN P-88-78
- 9 TOTAL NO. OF LOTS 7
- 10 TOTAL NO. OF UNITS 7
- 11 SYMBOLS
- 12 THE BUILDING RESTRICTION LINE ARE IN ACCORDANCE WITH FDC-196

APPROVED FOR CONSTRUCTION

*Joseph ...* DATE 11-14-88

*David ...* DATE 11-23-88

*Andrew ...* DATE 11-3-88

9-26-88  
 AKS

SUBDIVISION NAME	SEC. TWP. & R.	LOT / PAR. #
VILLAGE OF LONGREACH	28N 07E 01E	LOT 73
28N 07E 01E	28N 07E 01E	606502
28N 07E 01E	28N 07E 01E	606502

LOT #	STREET ADDRESS
65	6320 SADDLE DRIVE
66	6308 YOUNG BUCK CIRCLE
67	6304 YOUNG BUCK CIRCLE
68	6313 YOUNG BUCK CIRCLE
69	6319 YOUNG BUCK CIRCLE
70	6312 YOUNG BUCK CIRCLE
71	6306 YOUNG BUCK CIRCLE
72	6304 YOUNG BUCK CIRCLE
73	6316 SADDLE DRIVE

Owner/Developer  
 CONSULTANTS AND ENGINEERS  
 1301 7th St. N.E.  
 ALBANY, GA 31706

NO.	REVISIONS	DATE



**DEVELOPMENT CONSULTANTS GROUP, INC.**

17904 GEORGIA AVENUE # 102  
 OLNEY, MARYLAND 20832  
 301-924-4570

SITE DEVELOPMENT PLAN  
 LOTS 65-73 SECTION 2 AREA 1  
 VILLAGE OF LONGREACH  
 28N 07E 01E  
 HOWARD COUNTY, MARYLAND  
 PLAT 7808

DATE 11-23-88  
 MAX. DATE 11-23-88  
 MAM/SMB  
 SHEET  
 MAM  
 SHEET  
 10/28

Sheet

of 2

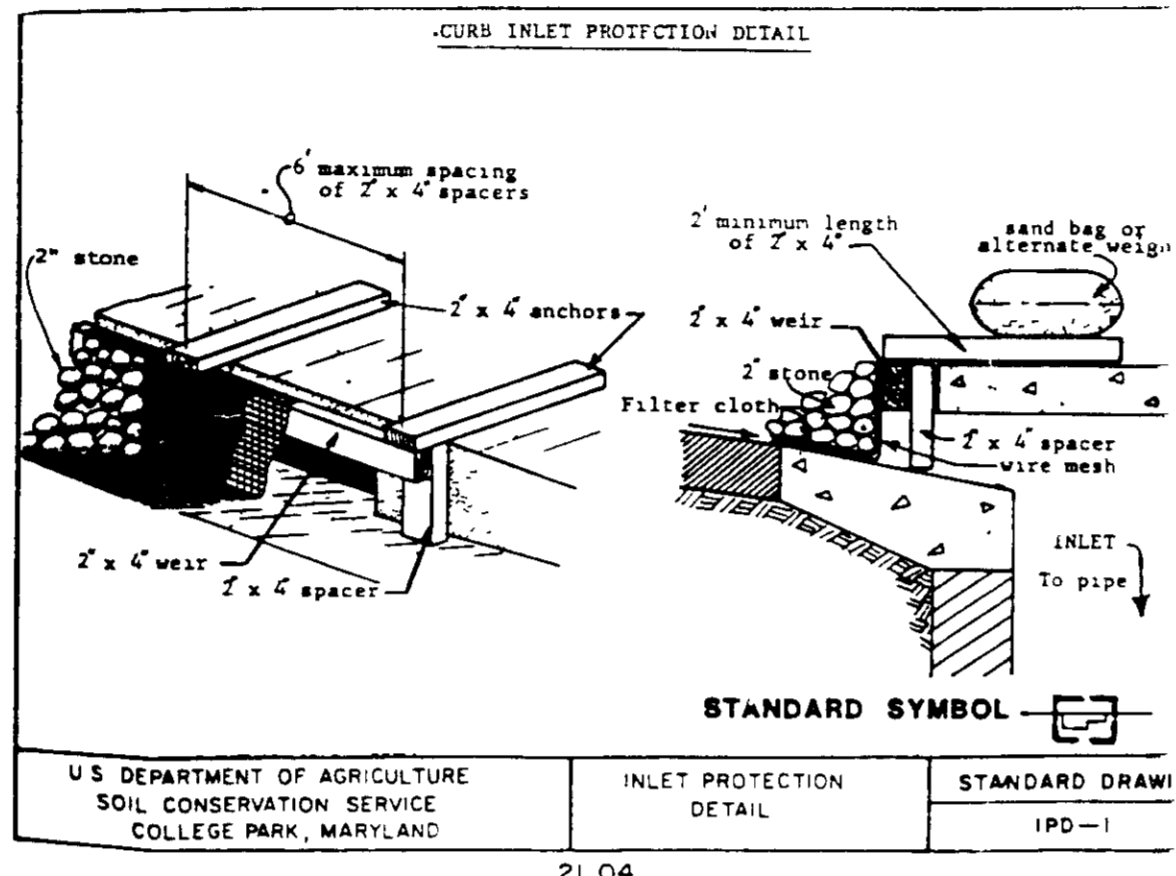
SDP-88-231

... areas of cleared areas... to terminate further disturbance where a...  
 ... preparation... Loosen upper three inches of soil by raking, discing or other acceptable means before seeding...  
 ... amendments... In lieu of soil...  
 ... seeding... For the periods March 1 thru April 30, and August 1 thru October 15, seed with...  
 ... mulching... Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding...  
 ... maintenance... Inspect all seeded areas and make needed repairs, replacements and reseedings

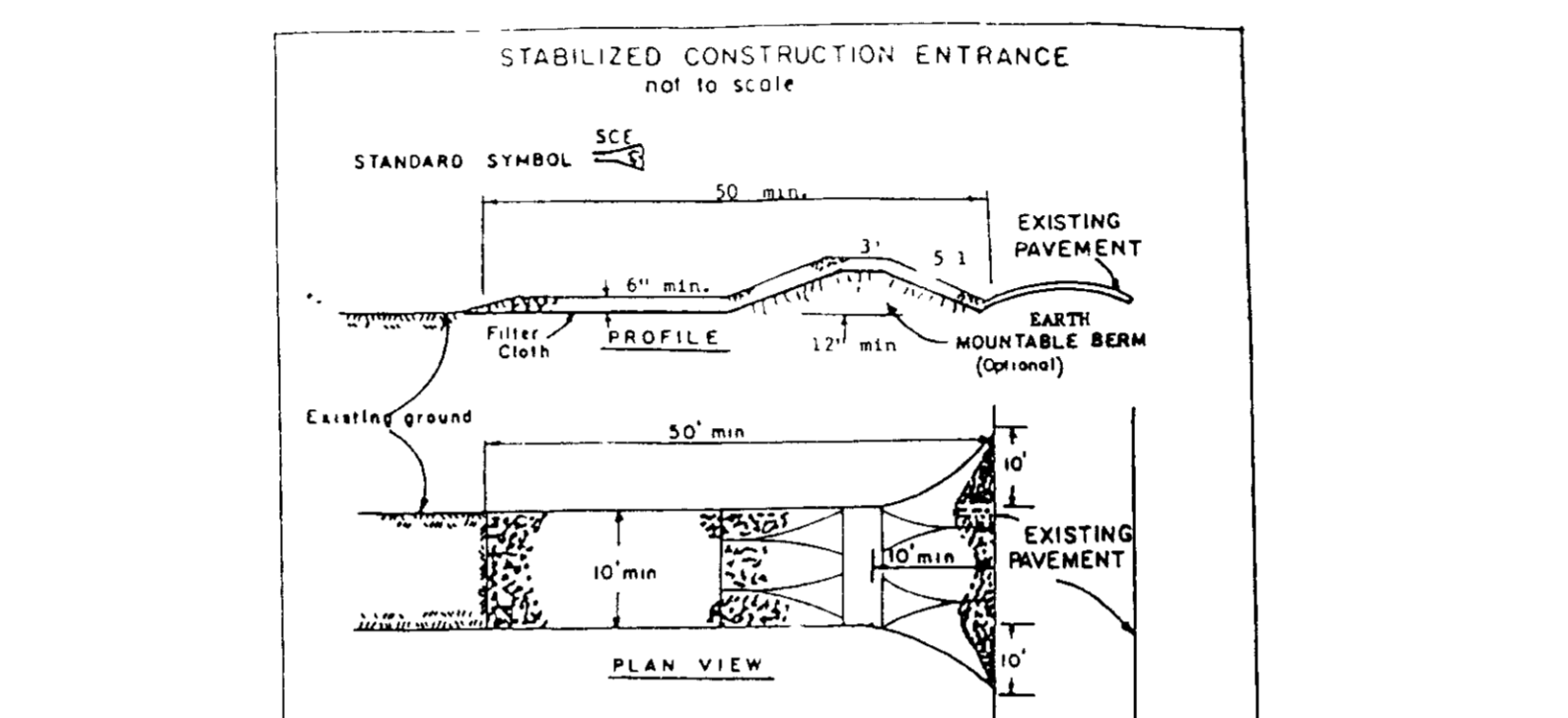
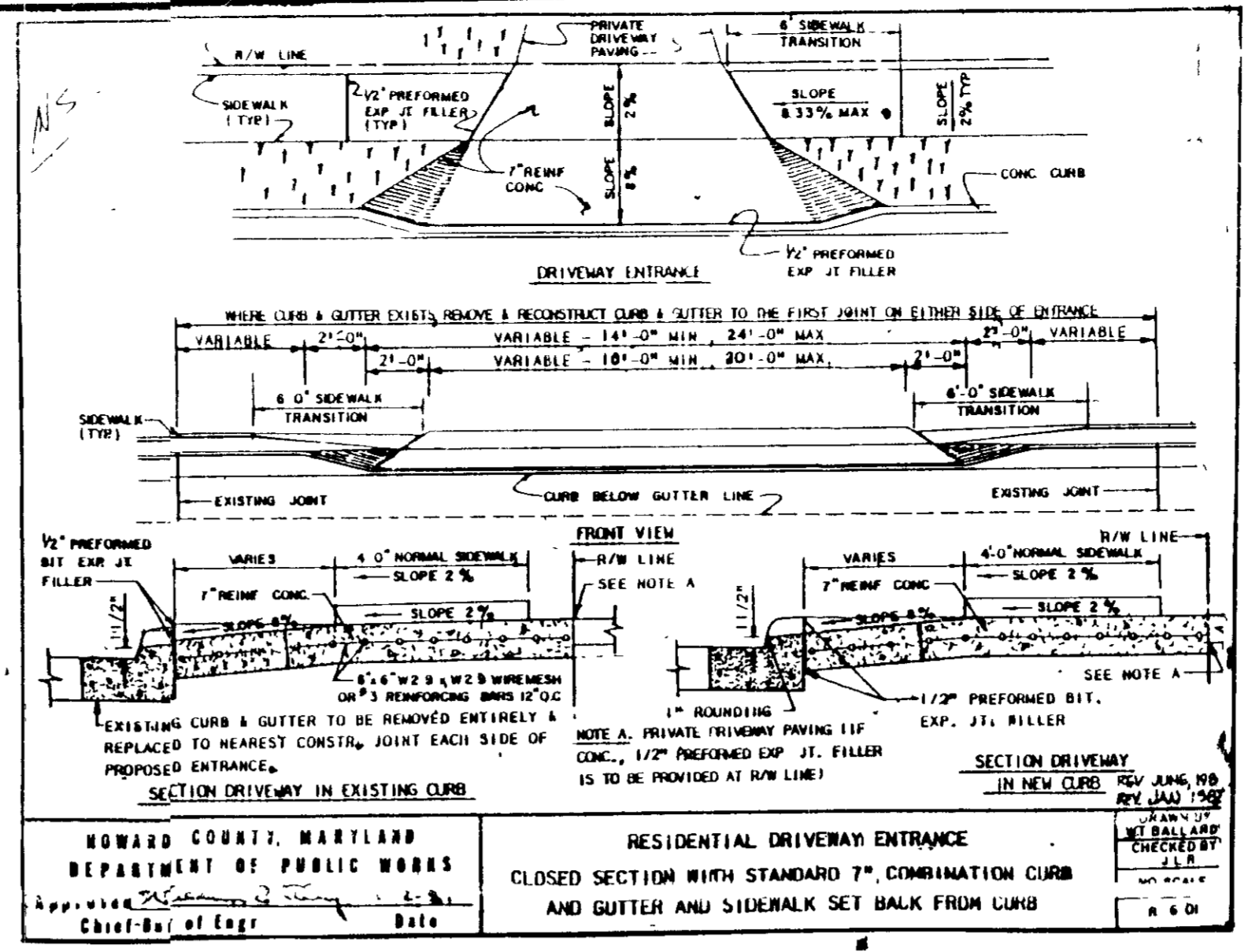
**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.  
**Seedbed Preparation** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.  
**Soil Amendments** Apply 60 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 (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. October 1 Use seed Option (3) Seed with 60 lbs per acre Kentucky 11 Tall Fescue and mulch with 1 tons per acre well anchored straw.  
**Mulching** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted 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.  
 Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

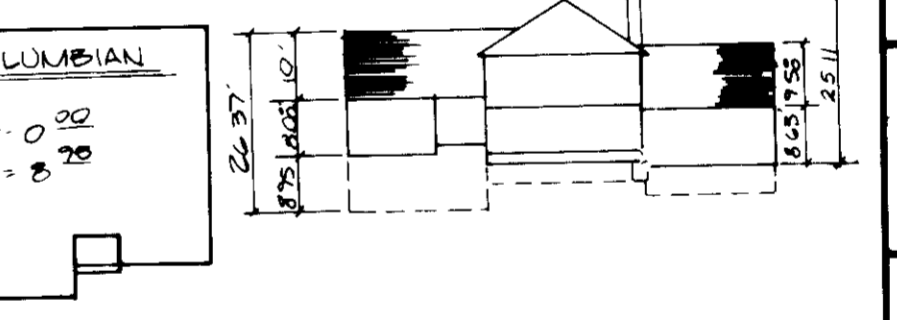
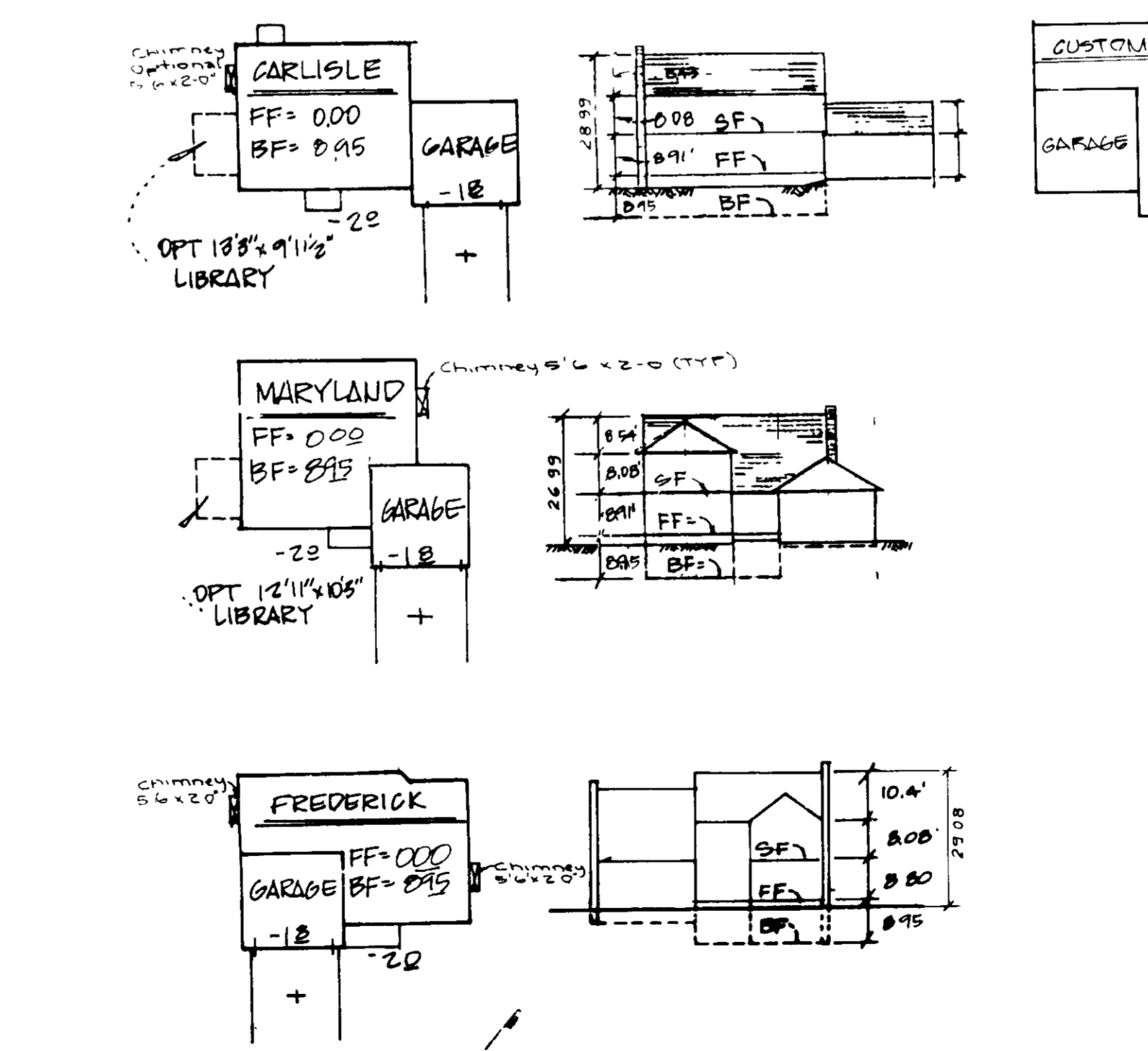
- B. Curb Inlet Protection**
1. Attach a continuous piece of wire mesh (30" min width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
  2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
  3. Securely nail the 2" x 4" weir to 9" long vertical spacers be located between the weir and inlet face (max 6" apart).
  4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
  5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
  6. Form the wire mesh and filter cloth to the concrete gutter 4" against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
  7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
  8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



U.S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE  
 COLLEGE PARK, MARYLAND  
 INLET PROTECTION  
 DETAIL  
 STANDARD DRAWING  
 IPD-1  
 21 04

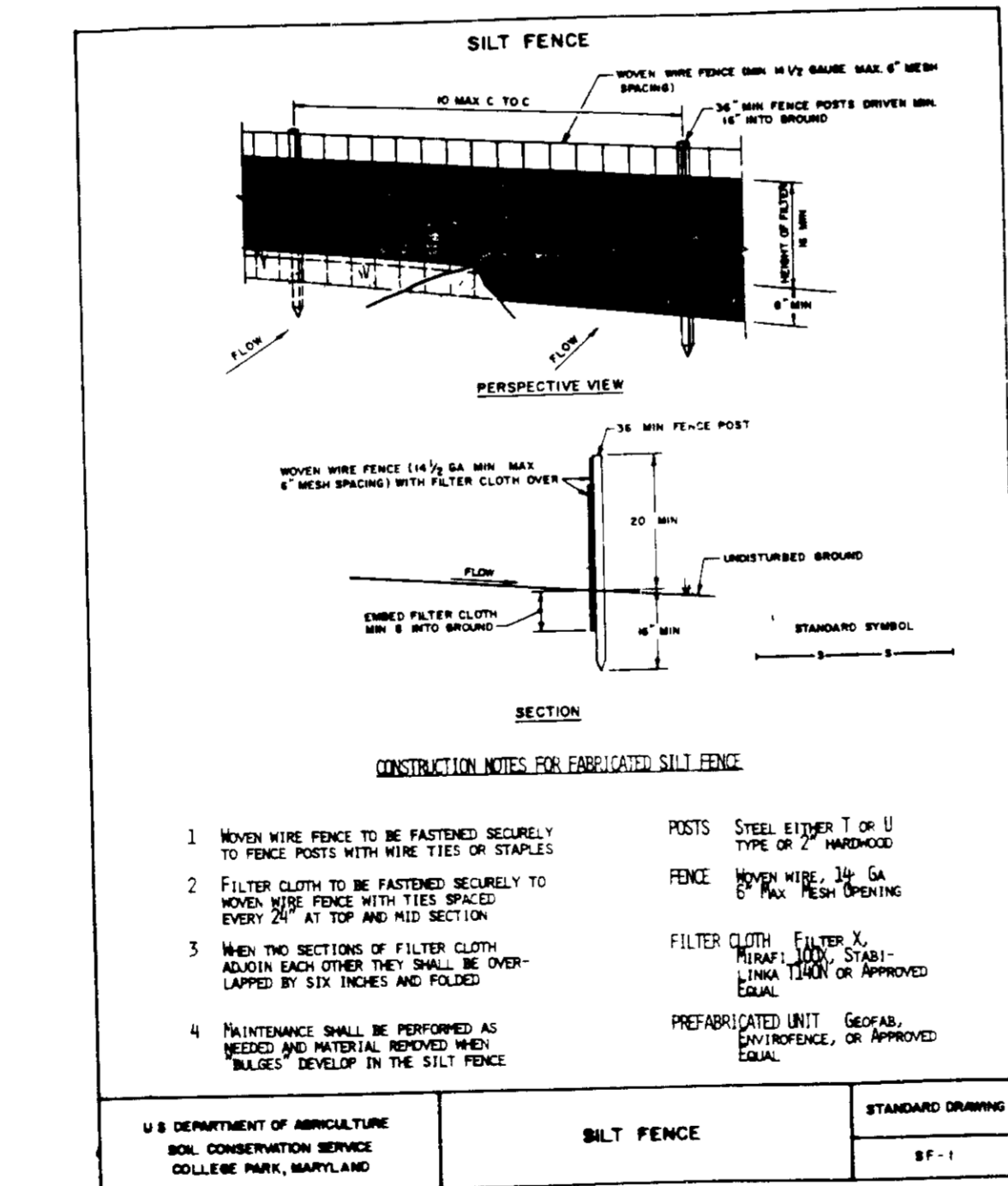


- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Max 2" stone, or reclaimed or recycled concrete equivalent.
  2. Length - As required but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  3. Thickness - Not less than six (6) inches.
  4. Width - To 100 feet minimum, but not less than the full width at points where ingress or egress occurs.
  5. 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.
  6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable beam with 5:1 slopes will be permitted.
  7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any residue used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
  8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
  9. Periodic inspection and needed maintenance shall be provided after each rain.



**SEDIMENT CONTROL NOTES**

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction (992-2437)
2. All protective 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. Temporary seeding shall be installed on all disturbed areas as soon as possible after grading or other earth moving operations. Temporary seeding shall be installed on all disturbed areas as soon as possible after grading or other earth moving operations. Temporary seeding shall be installed on all disturbed areas as soon as possible after grading or other earth moving operations.
4. All sediment traps/basins shown must be installed and verified prior to the start of construction in accordance with VOL. 1, CHAPTER 11, of the HOWARD COUNTY DES OF MANUAL STORM DRAINAGE.
5. All disturbed areas must be stabilized with 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 52). Temporary seeding (Sec 51) and mulching (Sec 52) temporary stabilization with mulch shall not be used to cover areas where recommended seed is not available 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: 6.794 Acres  
 Area Disturbed: 1.874 Acres  
 Area to be vegetatively stabilized: 4.920 Acres  
 Total Cut: 1.670 Cu Yds  
 Offsite Wash/Borrow Area Location: -
8. Any sediment control practice which is disturbed by grading activity for placement of an utility must be repaired in the same day of disturbance.
9. Additions and permit controls must be provided as 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 permanent erosion and sediment controls but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals must not be obtained until final initial approval by the inspection agency is obtained.



U.S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE  
 COLLEGE PARK, MARYLAND  
 SILT FENCE  
 STANDARD DRAWING  
 SF-1  
 12 03

APPROVED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS SOIL CONSERVATION SERVICE  
 11/1/88  
 DATE

APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 11/1/88  
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT  
 11-17-88  
 DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 11 30 88  
 DATE

DIRECTOR  
 11/1/88  
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROAD HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 11/3/88  
 DATE

Owner/Developer	NO.	REVISIONS	DATE
CONSOLIDATED HOME BUILDING, INC 6625 BELNICH DRIVE BALTIMORE, MD 21227 (301) 776-0066			



17904 GEORGIA AVENUE # 102  
 OLNEY, MARYLAND 20832  
 301-924-4570

9.26.88  
 485

DETAIL & SPECIFICATIONS  
 LOTS 65-73 SECTION 2 AREA 1  
 VILLAGE OF LONGREACH  
 63 ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 37 PARCELS 7-227, 2255, 2377, 1474

SUBDIVISION NAME	SEC/AREA	LOT/PAK #
VILLAGE OF LONGREACH	2 / 1	65-73
PLAT #/L/F/BLOCK #/EONG	TAX MAP	BLDG DIST
7805 14 SFMD	37	63
WATER CODE	SEWER CODE	CONDUIT TR
607	346000	6065 02

DATE	SHEET
0-27-85 1-27-80 7-28-78	2
DRAWN	of 2
CHECKED	PROJECT NO
SCALE	10-38
NO. SHOWN	

SDP-88-231