


GENERAL NOTES

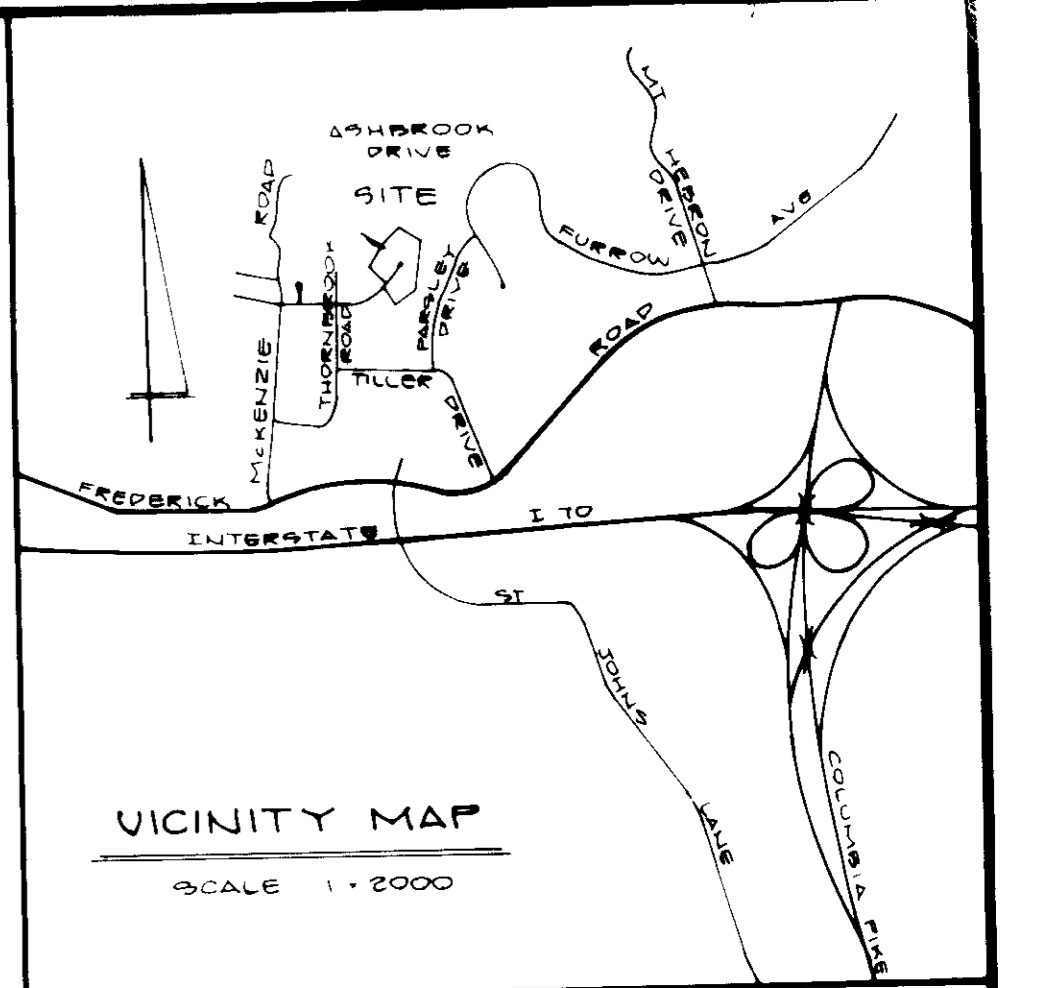
1. AREA OF PROPERTY 194,376 ± / 4.4623 AC
2. PROPERTY ZONED R-20
3. BUILDING COVERAGE
4. TOPOGRAPHY FROM DEVELOPMENT CONSULTANTS
5. FIELD SURVEY MARCH, 1988
6. TAX MAP 17
7. PARCELS 2054-27
8. STORM WATER MANAGEMENT FROM APPROVED CONSTRUCTION PLAN F87-122
9. WATER & SEWER PER CONTRACT NO 14-1600 P
10. ROUGH GRADING PER CONSTRUCTION PLAN F87-122
11. TOTAL NO LOTS 13
12. TOTAL NO UNITS 13
13. SYMBOL 

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMITS
2. INSTALL SEDIMENT CONTROLS
3. CLEAR SITE
4. STRIP & STOCKPILE TOPSOIL
5. EXCAVATE FOR FOUNDATION
6. POUR FOOTINGS
7. INSTALL FOUNDATION WALL
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

NOTE: LOTS 24-27 ARE BEING RESUBDIVIDED, TO BE DEVELOPED AT A LATER DATE

4-21-88



*Lot 20 to be developed after all other house construction as stabilization has been completed and approved by S.C.D. Inspector.

This is to utilize the existing sediment trap, located at the rear of Lot 20.

When the sediment trap is removed and stabilized, begin lot development per Site Development Plan this project

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

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE DISTRICT INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 192 7272

DEVELOPER'S CERTIFICATE

"I/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 SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

Neil Schwartz 3/25/88
DATE

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN AND SPECIFICATIONS ARE PREPARED BY ME OR UNDER MY PERSONAL SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND."

Neil Schwartz 3/25/88
DATE



PHYSICAL DEVELOPMENTS

James M. Nelson 6/13/88
DATE

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

Howard S.C.D. DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS

Joseph M. Boylan 7-6-88
DATE

HOWARD COUNTY OFFICE OF PLANNING & ZONING

William 7-13-88
DATE

CHIEF DIVISION OF COMMUNITY DEVELOPMENT

William DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

William 7/13/88
DATE

DIRECTOR

STREET ADDRESS CHART

LOT #	STREET ADDRESS
13	2556 ASHBROOK DRIVE
14	2560 ASHBROOK DRIVE
15	2564 ASHBROOK DRIVE
16	2568 ASHBROOK DRIVE
17	2572 ASHBROOK DRIVE
18	2576 ASHBROOK DRIVE
19	2580 ASHBROOK DRIVE
20	2584 ASHBROOK DRIVE
21	2588 ASHBROOK DRIVE
22	2592 ASHBROOK DRIVE
23	2596 ASHBROOK DRIVE
24	2600 ASHBROOK DRIVE
25	2604 ASHBROOK DRIVE
26	2608 ASHBROOK DRIVE
27	2612 ASHBROOK DRIVE
28	2616 ASHBROOK DRIVE
29	2620 ASHBROOK DRIVE

OWNER:
SUPERIOR DEVELOPMENT CORP
2001 EAST LOFFA ROAD
BALTIMORE MD 21234

Owner, Developer
GRATSON HOMES
9025 CHEVROLET DRIVE
BULLCOTT CITY, MD 21043
(301) 461-5000

NO	REVISIONS	DATE



DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

5-12 DEVELOPMENT PLAN
LOTS 13-23, 25-29 SECTION 15
MT. HEBRON
2ND ELECTION DISTRICT
HOWARD COUNTY MARYLAND
PLATS 7410 & 7411

PLAT #	BLOCK	ZONE	TAX MAP	ELEC DIST	LOT #
7410 & 7411	9	R 20	17	2-ND	6021
WATER CODE	H03			SEWER CODE	14558X3

DATE: MAR 1988
DRAWN BY: M.T.
CHECKED BY: N.S.
SCALE: 1"=50'
SHEET 1 OF 2
PROJECT NO: 208-02

5DP-88-170

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

Seedbed Preparation - 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) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 500 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 (21 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 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 (0.5 lbs/1000 sq ft) of weeping lovegrass. During the period of October 15 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 untreated 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 feet or higher, use 348 gal per acre (8 gal/1000 sq ft) 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.

Seedbed Preparation - Loosen upper three inches of soil by raking, disking 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).

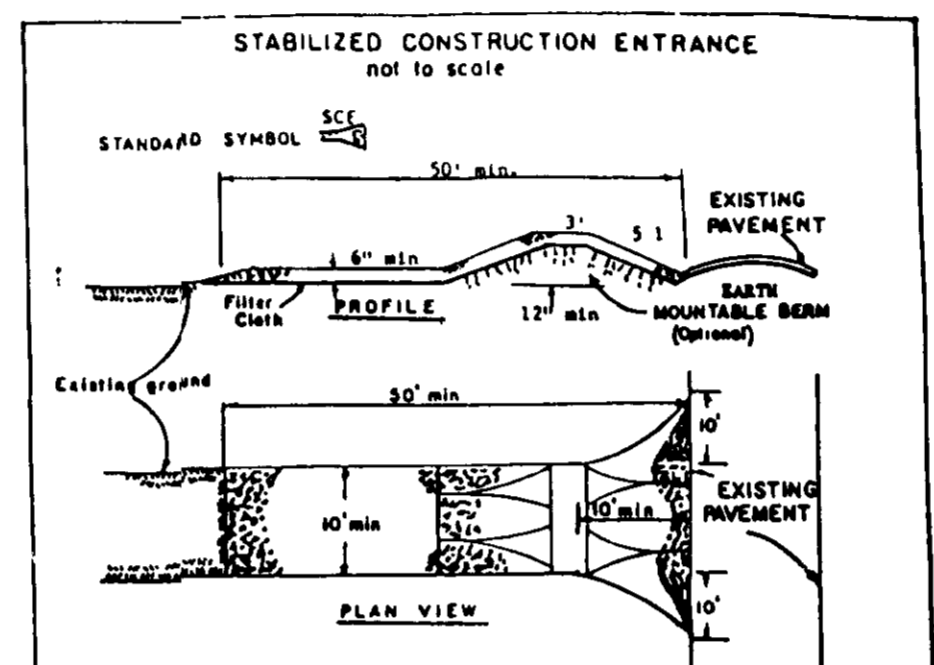
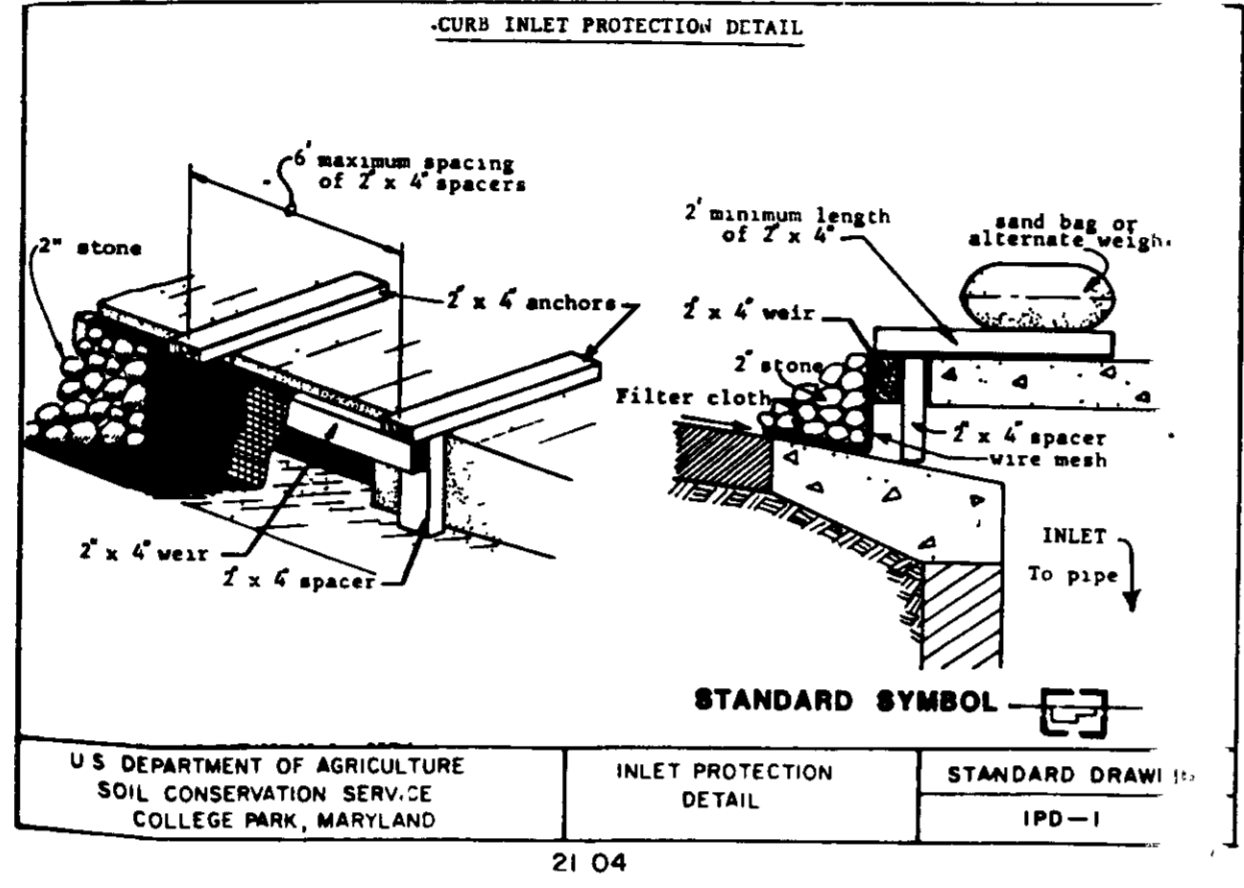
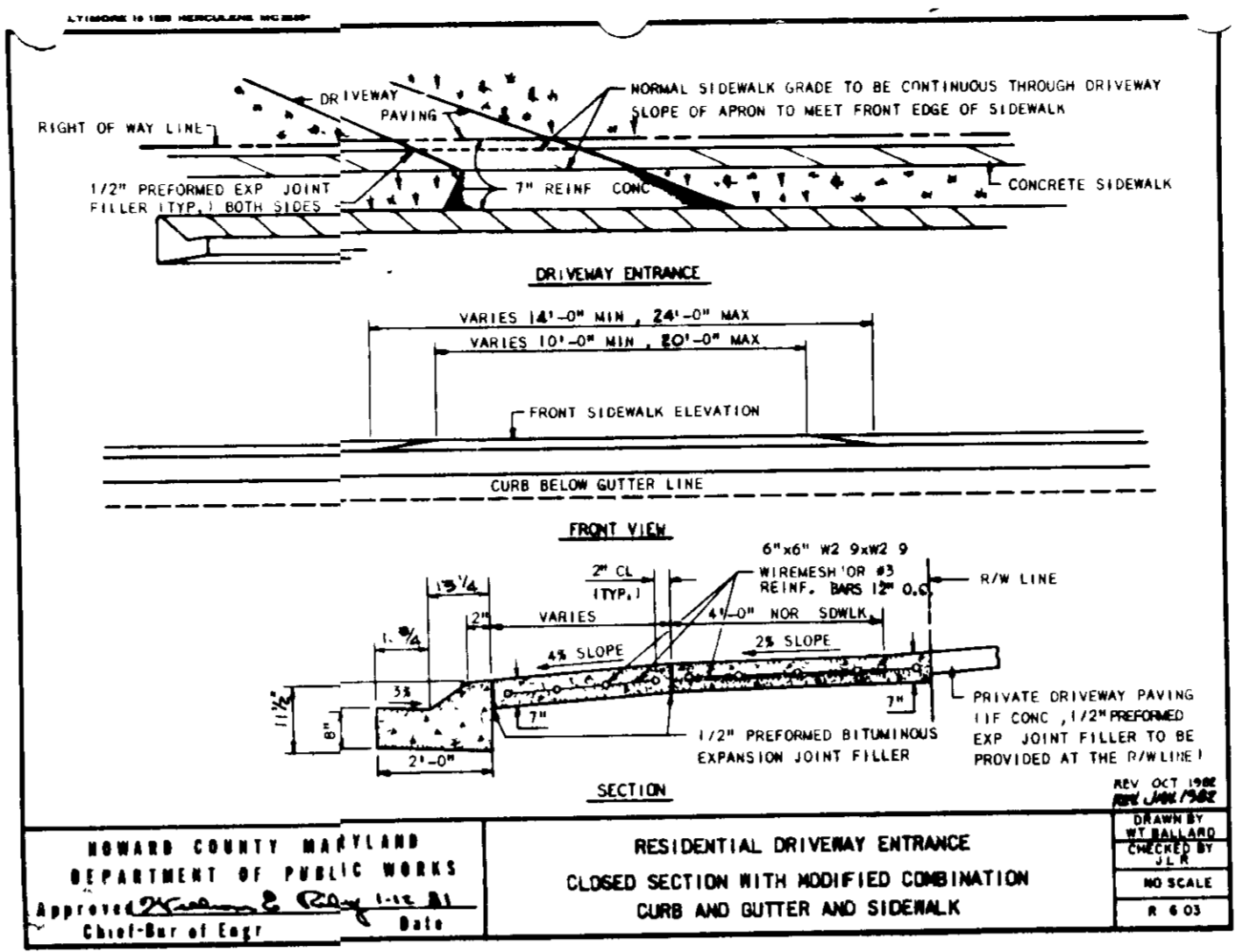
Seeding - For periods March 1 thru April 30 and from August 15 thru November 15, seed with 24 bushel per acre of annual rye (3 2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000 sq ft). For the period November 15 thru February 28, protect 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 untreated 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.

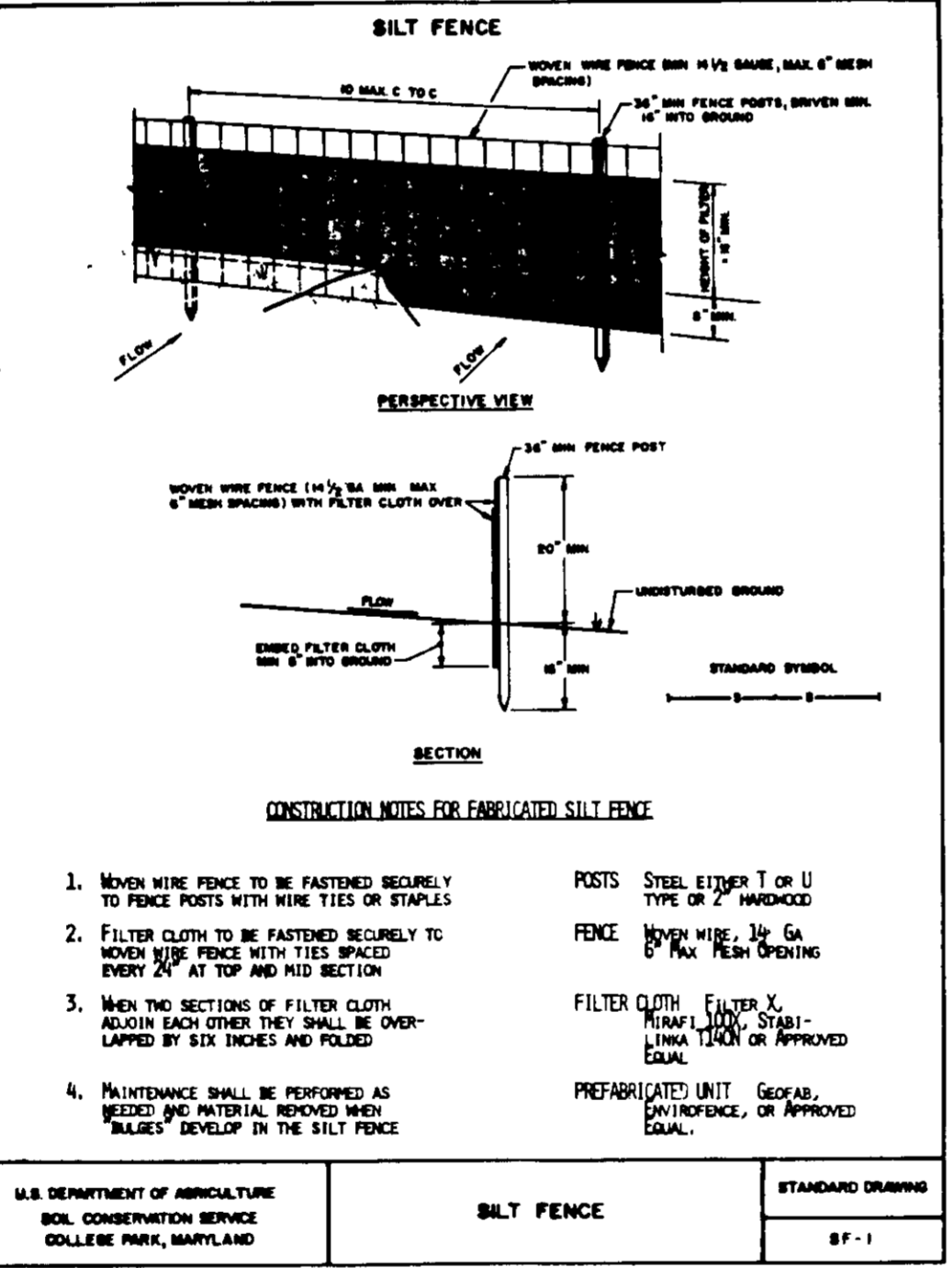
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

B. Curb Inlet Protection.

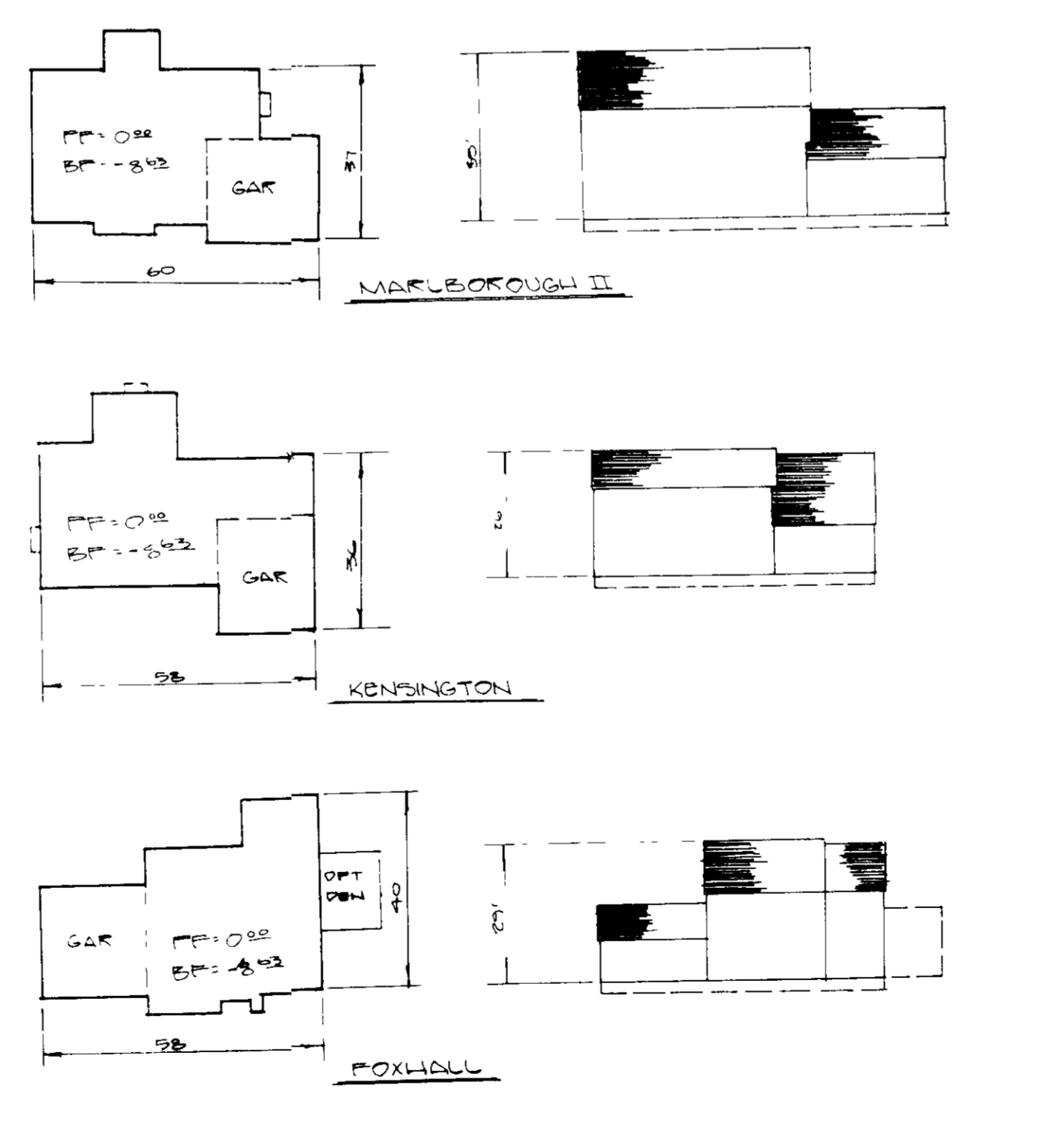
1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to 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 weights).
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 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.



- CONSTRUCTION SPECIFICATIONS**
1. Stone size - No. 2 stone, or equivalent or recycled concrete equivalent.
 2. Length - As required, but not less than 10 feet (except on a simple sandstone lot where a 30 foot minimum length would apply).
 3. Distance - Not less than six (6) inches.
 4. Width - Ten (10) foot minimum, but not less than the full width at points where layers or grades occur.
 5. Filter cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a simple family residential lot.
 6. Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, a removable berm with silt slopes will be permitted.
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or blowing of sediment onto public right-of-way. While any periodic top dressing with additional stone as conditions demand require regular cleaning of top surfaces used to trap sediment. All and regular cleaning of top surfaces used to trap sediment. All and regular cleaning of top surfaces used to trap sediment.
 8. Washing - Berms 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 for each rain.



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. WOODEN WIRE FENCE TO BE FASTENED REGULARLY TO FENCE POSTS WITH NINE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED REGULARLY TO WOODEN WIRE FENCE WITH TIES SPACED EVERY 4' AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FASTENED EQUAL.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.



- 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. 52), 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: Roads Only

Total Area of Site	446.56 Acres
Area Disturbed	3.5436 Acres
Area to be roofed or paved	0.8970 Acres
Area to be vegetatively stabilized	7.2241 Acres
Total Cut	4600 Cu. Yds.
Total Fill	6700 Cu. Yds.
Offsite waste/borrow area location	N/A
 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.
 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 perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

OWNER
SUPERIOR SERVICE CORP
2001 EAST JOFFA ROAD
BALT MORE, MD 21284

Owner/Developer
GRAYSON HOMES
8025 CHEVROLET DRIVE
BELLICOTT CITY, MD 21043
(301)-461-5000

NO.	REVISIONS	DATE



DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

9-10-21
BY 264-62
F 87-122

DATE
DRAWN
CHECKED
SCALE
AS SHOWN

SUBDIVISION NAME	SEC / AREA	LOT / PAR #
MT HEBRON	18 / -	18 23 28-420
FLAT # OF L/P BLOCK #	ZONE	TAX MAP
7410 & 7411	R-20	17
WATER CODE	SEWER CODE	
H03	1455800	

DATE	SHEET
MAR 28	2
DRAWN	of 2
CHECKED	PROJECT NO
NO	208-02
SCALE	AS SHOWN

APPROVED
DIVISION OF PLANNING & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-21-88

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, CURBS, 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/SEWER DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-7272.

DEVELOPER'S CERTIFICATE

"I/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 SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

DATE 3/25/88

ENGINEER'S CERTIFICATE

"I 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."

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
DATE 6/16/88

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

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

APPROVED BY HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 7-12-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE 7/13/88

DATE
DRAWN
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