

GENERAL NOTES

- 1 AREA OF PROPERTY 68.176 ± 15651 AC
- 2 PROPERTY ZONED R-20
- 3 BUILDING COVERAGE 7687 ± 01165 AC
- 4 TOPOGRAPHY FROM DEVELOPMENT CONSULTANTS FIELD SURVEY JUN 1988
- 5 TAX MAP 17
- 6 PARCELS 395 ± 37
- 7 STORM WATER MANAGEMENT FROM APPROVED CONSTRUCTION PLAN P-86-G2
- 8 WATER & SEWER PER CONTRACT NO 14 1600 D
- 9 ROUGH GRADING PER CONSTRUCTION PLAN F-87-122
- 10 TOTAL NO LOTS 4
- 11 TOTAL NO UNITS 4
- 12 SYMBOL

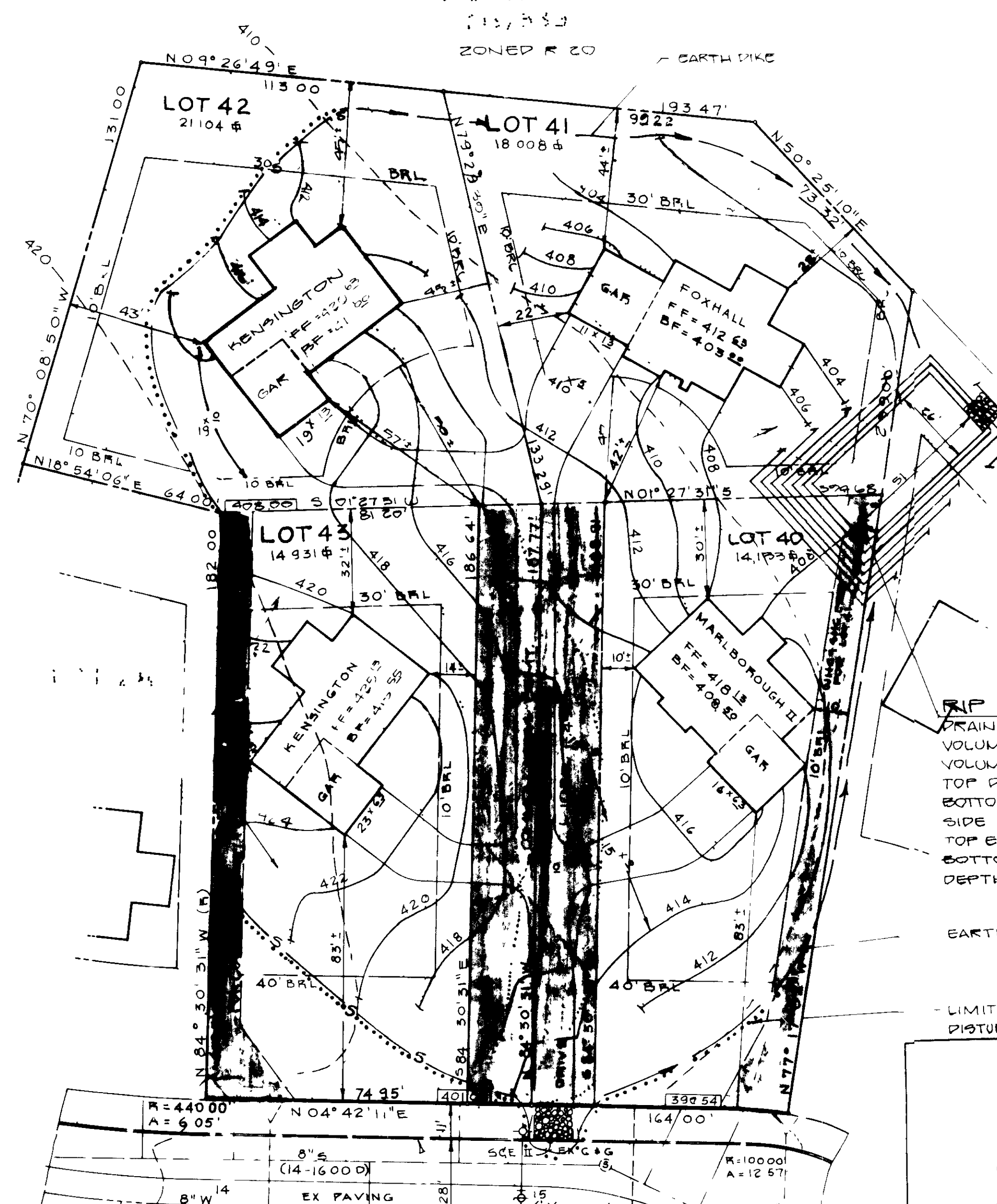
CONSTRUCTION SEQUENCE

- 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 INSPECTION

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. (192-2433)
- 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 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3 Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. If 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 perimeters 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 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51) and Sec 52, Temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding rates 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	15681 Acres
Area Disturbed	12977 Acres
Area to be paved	2878 Acres
Area to be vegetatively stabilized	9569 Acres
Total Cut	746 Cu Yds
Total Fill	746 Cu Yds
Offsite waste/borrow area location	-0-
- 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 the initial approval by the Inspection Agency is made.



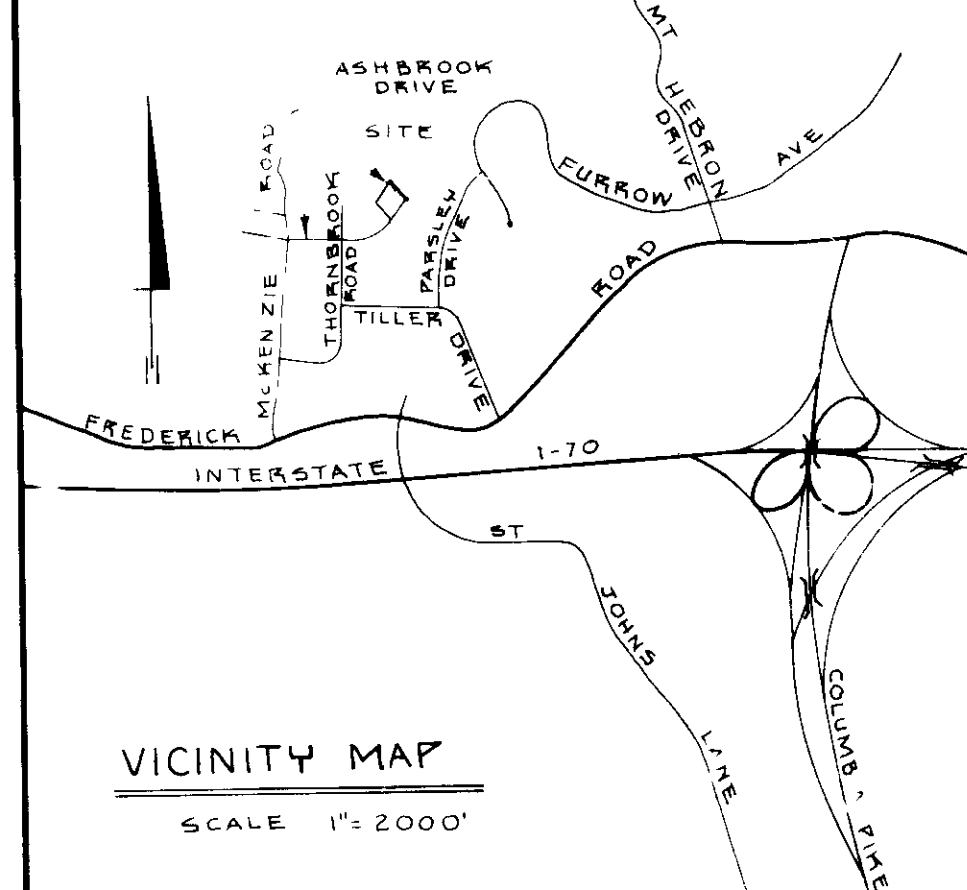
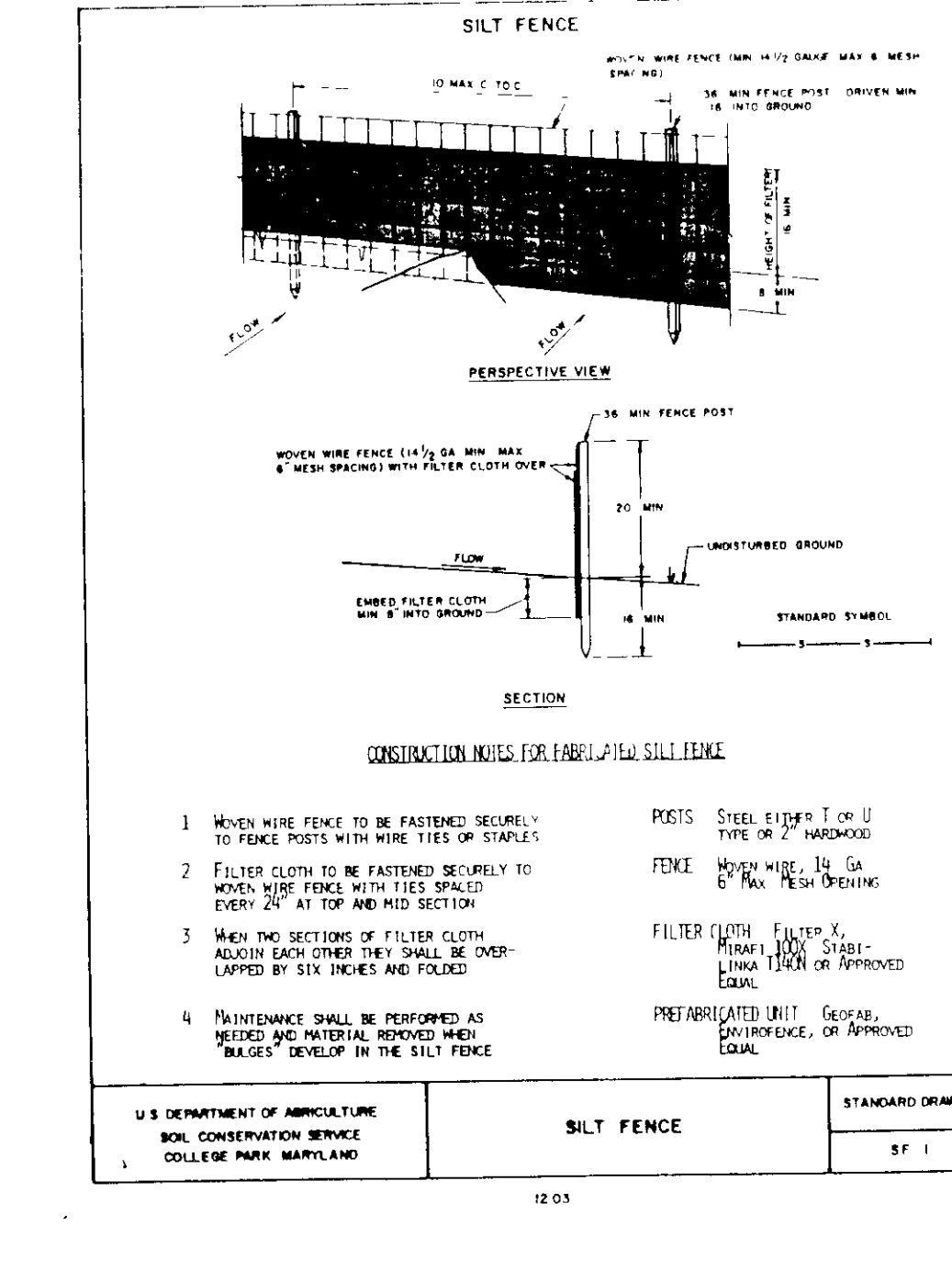
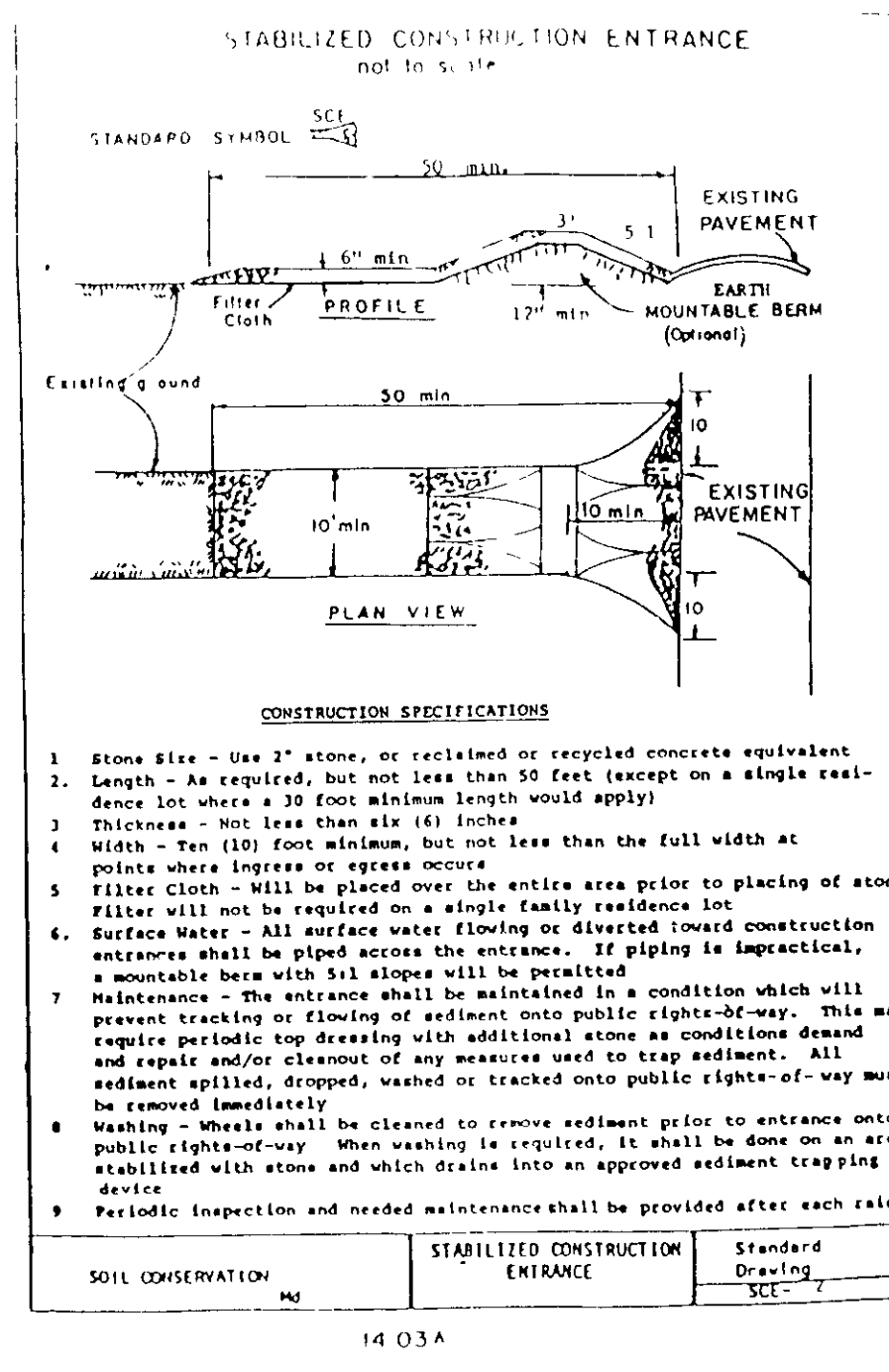
ASHBROOK DRIVE
(50' R/W PUBLIC STREET)

APPROVED

PLAN
SCALE 1" = 30'

DATE **9-8-88**

J.B.



THE FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, 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 792-1272.

DEVELOPER'S CERTIFICATE

I HEREBY 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 COUNTY SOIL CONSERVATION DISTRICT.

DATE: **9-8-88**

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 COUNTY SOIL CONSERVATION DISTRICT.

DATE: **9-8-88**

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

US SOIL CONSERVATION SERVICE

DATE: **11-1-88**

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

DATE: **1-5-89**

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DATE: **1-17-89**

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROAD

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: **11-14-88**

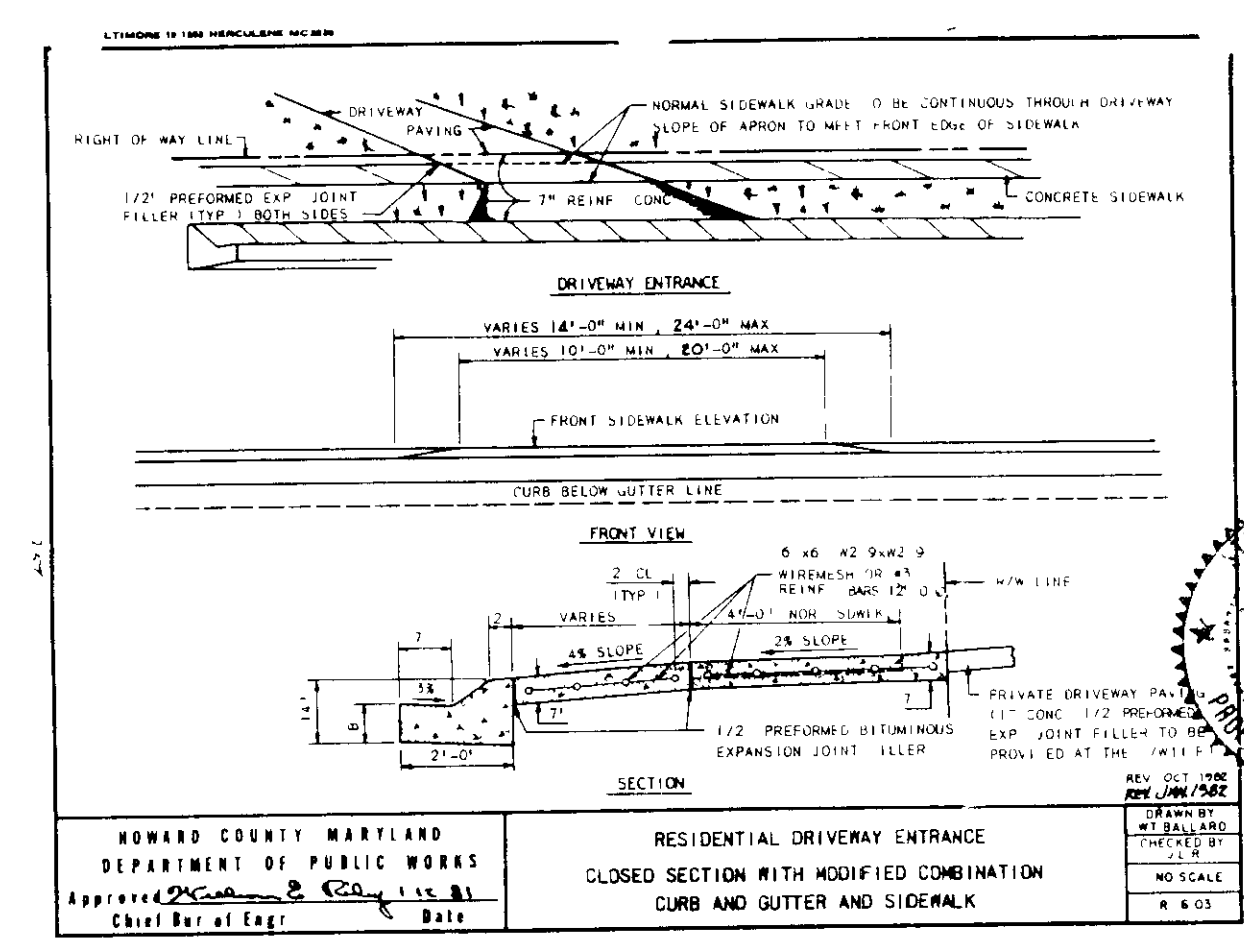
APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROAD

DATE: **1-2-89**

STREET ADDRESS CHART

LOT #	STREET ADDRESS
40	2569 ASHBROOK DRIVE
41	2565 ASHBROOK DRIVE
42	2561 ASHBROOK DRIVE
43	2557 ASHBROOK DRIVE

SUBDIVISION NAME	MT HEBRON	SEC./AREA	18/-	LOT #	40-41-42-43
PLAT #	7951	BLOCK #	2	TAX MAP/ELEC DIST	17 2ND
WATER CODE	H03	SEWER CODE	1455800	CENSUS TRACT	3021



PERMANENT SEEDING NOTES

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

Seeded Preparation - Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

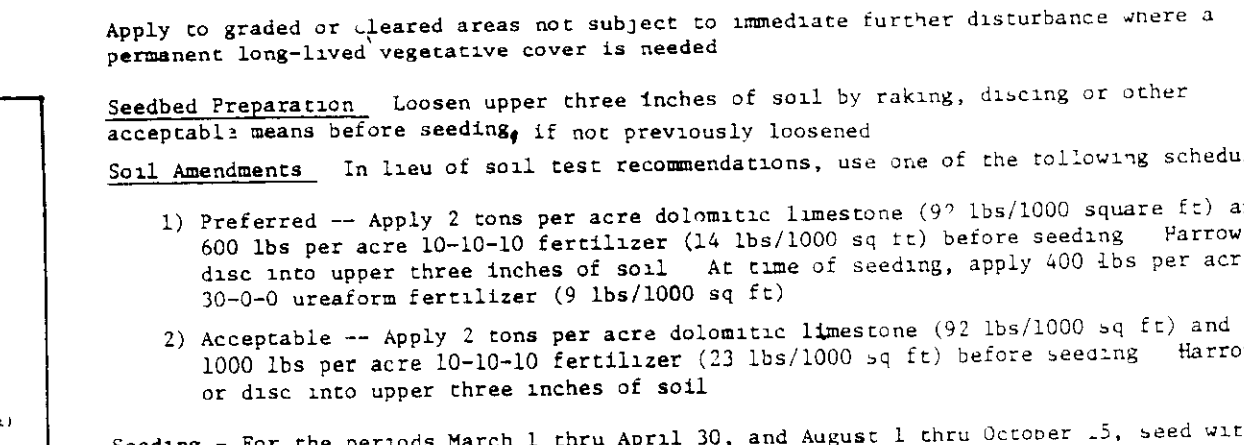
Soil Amendments - In lieu of soil test recommendations, use one of the following schedules:

- 1 Preferred - Apply 2 tons per acre dolomitic limestone (97 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 urea-form fertilizer (9 lbs/1000 sq ft).
- 2 Acceptable - Apply 2 tons per acre dolomitic limestone (97 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 31, 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 1 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 2 1/2 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.



FLUM CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL SIZE	DISE A	DISE B
1	5-5' OC	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3-1-5' OC	SEED AND STRAW MULCH	SEED USING JUTE, 2" STONE
3	5-1-8' OC	SEED WITH JUTE, OR SOIL	LINED RIP-RAP 4-8"
4	8-1-22'	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

NOTE: TO BE 2 INCH STONE OR RECYCLED CONCRETE EQUIVALENT IN A LAYER AT LEAST 3 INCHES THICK. TO BE 4 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SUBSTRATE.

PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

TEMPORARY SEEDING NOTES

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

Seeded 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 1/2 bushel per acre of annual ryegrass (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 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 2 1/2 gallons 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 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

Owner/Developer	NO.	REVISIONS	DATE
GRAYSON HOMES 9025 CHEVROLET DRIVE ELLCOTT CITY, MD 21045 (301)-461-5900			

DEVELOPMENT CONSULTANTS GROUP, INC.

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

2ND DEVELOPMENT PLAN
LOTS 40-41-42-43 SECTION 18
MT. HEBRON
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT 7951

F-86-82 F-88-230 SDP # 89-44	DATE AUG 1988	Sheet 1 of 1
DRAWN E.M.	CHECKED N.S.	PROJECT NO 208-03
SCALE 1" = 50'		