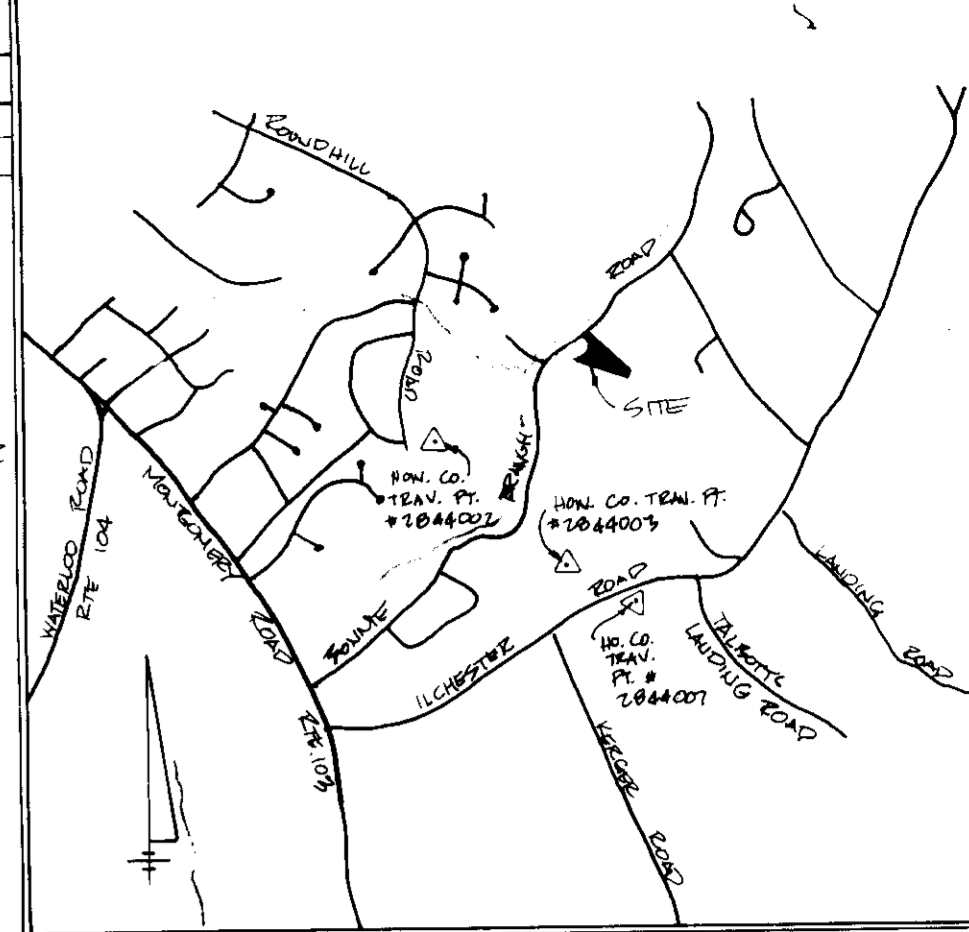


MINIMUM LOT SIZE TABULATION				
LOT #	GROSS AREA	AREA OF FLOOD PLAINS / STEEP SLOPES	AREA OF PIPE STEM	CREDIT FOR 10% CREATED STEEP SLOPES
4	30,808 ±	1,550 ±	2,412 ±	-
5	37,179 ±	11,950 ±	4,996 ±	-

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
4	
5	

**GENERAL NOTES:**

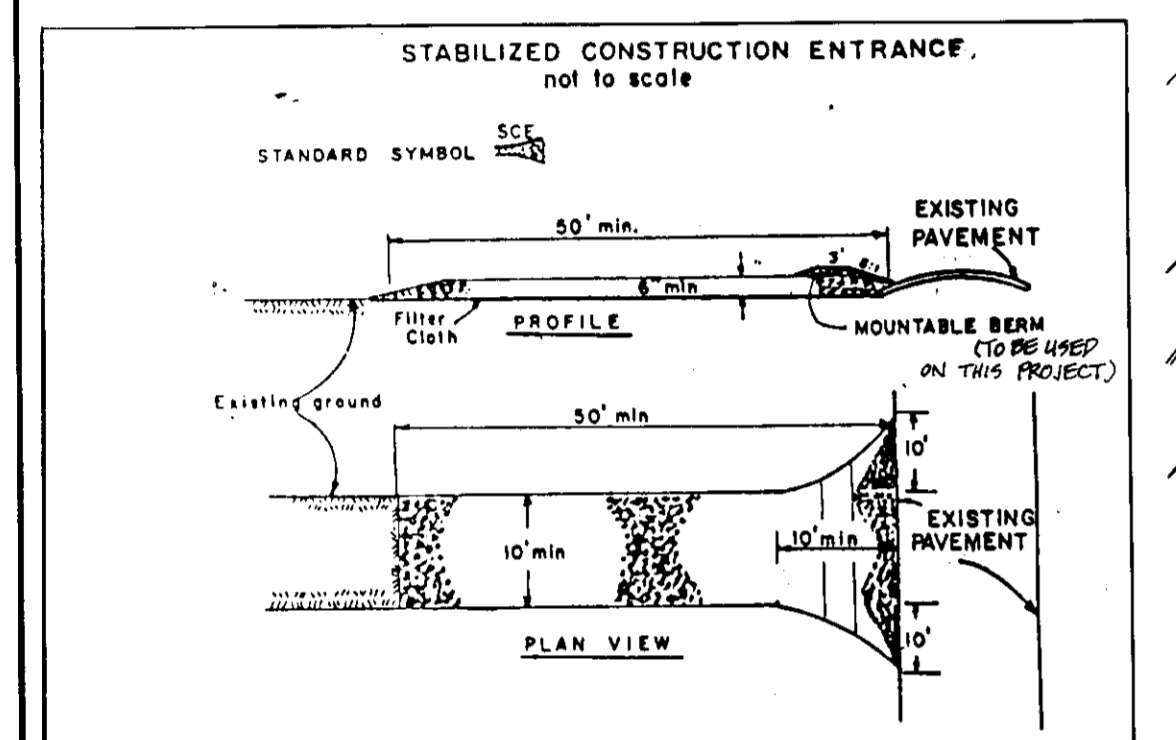
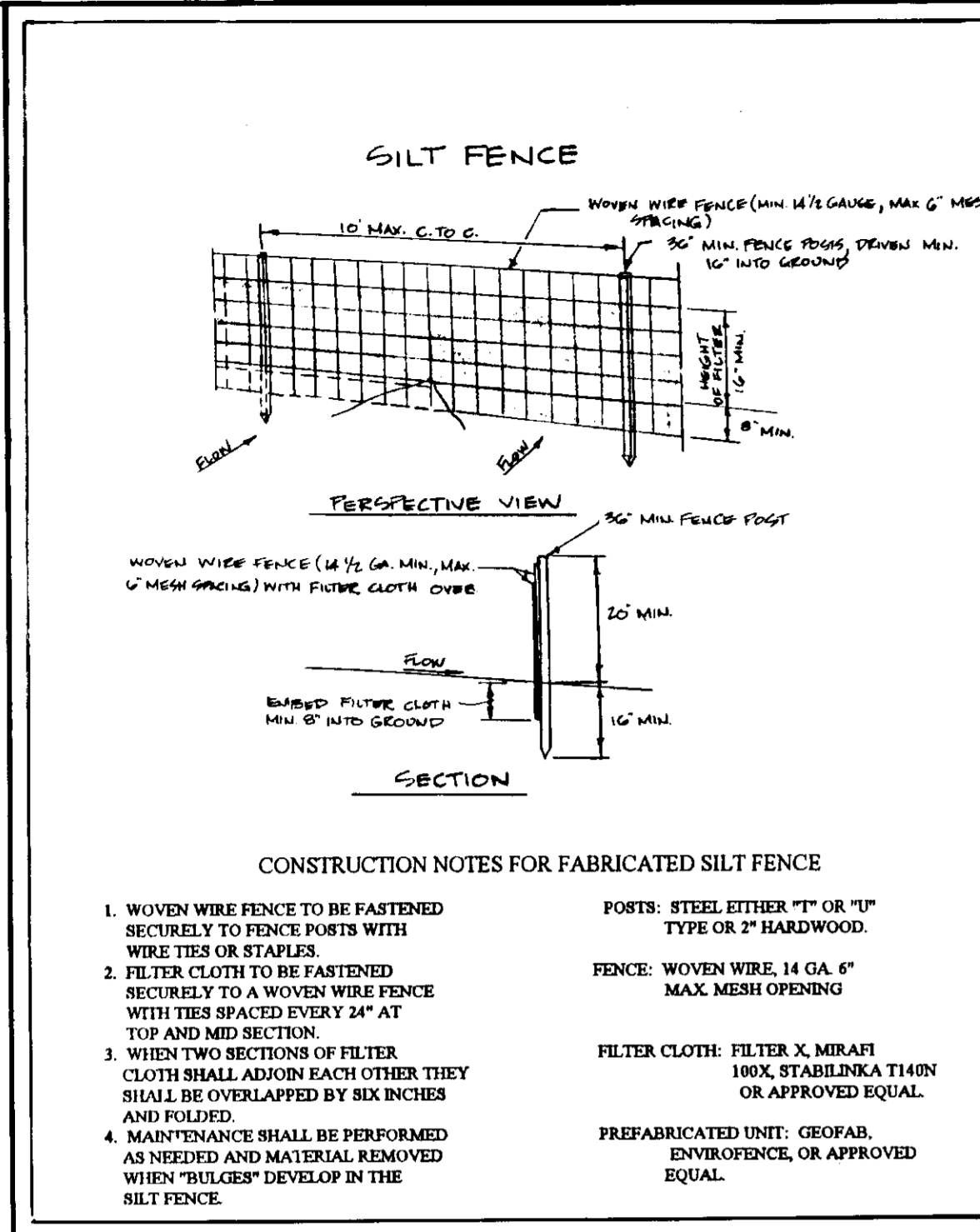
- AREA OF PAVED DRIVEWAY OR 15% AC
- CONCRETE DRIVEWAY
- PROPOSED USE - RESIDENTIAL
- PAVED AREA OF SITE - 7000 ±
- BOUNDARY SURVEY PERFORMED BY SHANABERGER & LANE IN FEBRUARY, 1991.
- HORIZONTAL DISTANCE (NAD 87) HOWARD CO. TOWNERSHIP # 284400C (284400).
- VERTICAL CURVE: 10' EXISTING SLOPES OF 2.5% OR GREATER WAS GRANTED BY THE DIRECTOR DPE ON JULY 1, 1991 IN W.P. 1-197.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- EXISTING SLOPES & DRIVEWAY CURVES WERE FIELD-LOCATED. LOCATION OF WATER FROM APPOINTED DRAWINGS FOR CONTRACT #266-W.
- SEWER CONTRACT #475.
- WATER CONTRACT #266-W.
- THERE ARE NO STREAMS, WETLANDS, OR FLOODPLAINS ON THIS SITE.
- TOPOGRAPHY SHOWS HEREON IS FROM HOWARD COUNTY 1"=200 AERIAL PHOTOGRAPHY, AND FROM A TOPOGRAPHIC SURVEY PERFORMED BY SHANABERGER & LANE IN JANUARY, 1994.
- INSTALL ALL WATER QUALITY TRENCHES MINIMIZING TREE CUTTING.
- REMOVE EX. 12" CMP UNDER WESTERMOST EXISTING DRIVEWAY ENTRANCE (IN ORDER TO CLOSE THE ENTRANCE).
- UPON APPROVAL OF SEDIMENT CONTROL DEVICES & STABILIZATION.



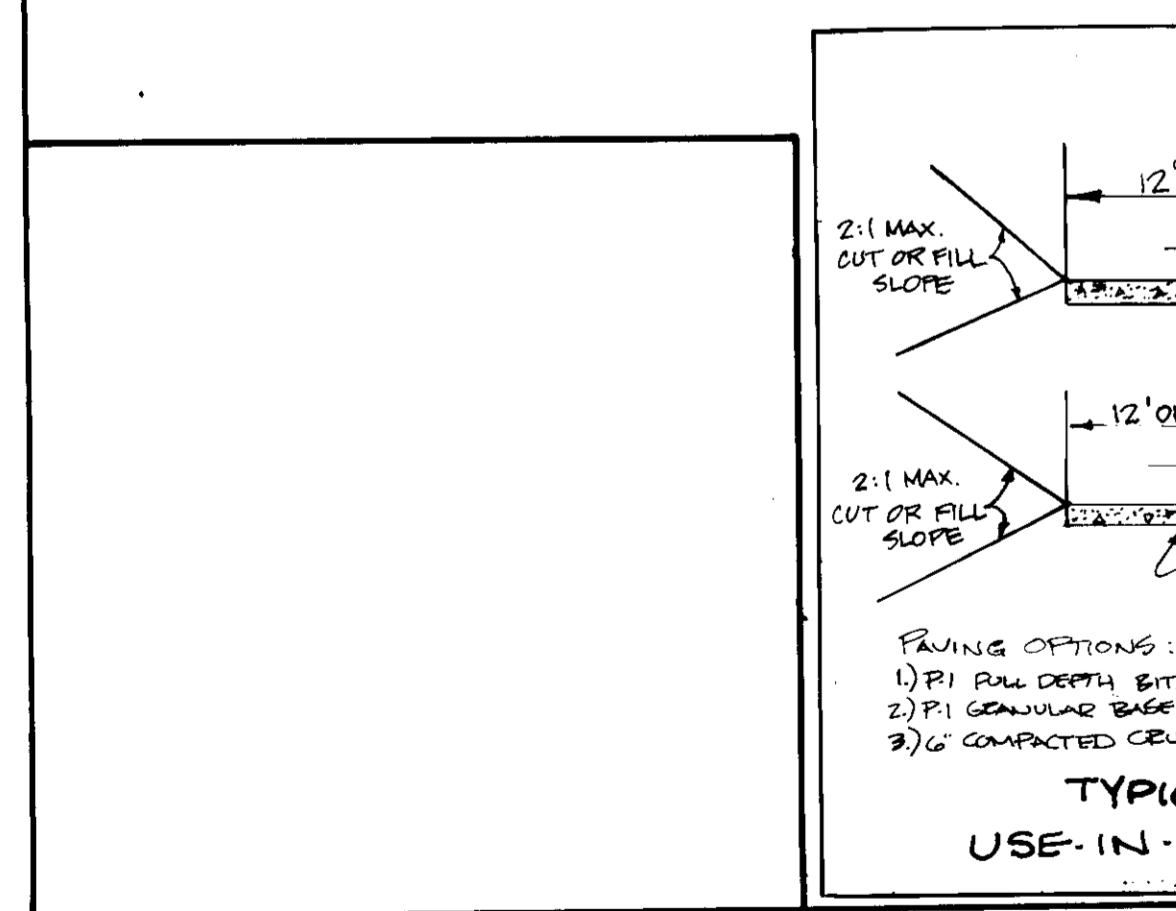
**VICINITY MAP**  
SCALE: 1" = 2000'

**GENERAL NOTES (CONT.):**

9. A NUMBER OF SECTIONS 282-B OF THE DESIGN MANUAL, VOL. III, PERTAINING TO ADEQUATE INTERSECTION SIGHT DISTANCE, WAS GRANTED BY THE DIRECTOR DPE ON MAY 8, 1989.
10. INSTEAD OF A PRELIMINARY PROVISION WHERE QUANTITY MANAGEMENT PER SECTION 102.3C OF THE DESIGN MANUAL VOL. I, WAS CONDITIONALLY APPROVED BY DIRECTOR DPE ON FEB. 28, 1992.
11. APPROVAL OF GRADING & REMOVAL OF VEGETATION COVER IN EXISTING SLOPES OF 2.5% OR GREATER WAS GRANTED BY THE DIRECTOR DPE ON JULY 1, 1991 IN W.P. 1-197.
12. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
13. EXISTING SLOPES & DRIVEWAY CURVES WERE FIELD-LOCATED. LOCATION OF WATER FROM APPOINTED DRAWINGS FOR CONTRACT #266-W.
14. SEWER CONTRACT #475.
15. WATER CONTRACT #266-W.
16. THERE ARE NO STREAMS, WETLANDS, OR FLOODPLAINS ON THIS SITE.
17. TOPOGRAPHY SHOWS HEREON IS FROM HOWARD COUNTY 1"=200 AERIAL PHOTOGRAPHY, AND FROM A TOPOGRAPHIC SURVEY PERFORMED BY SHANABERGER & LANE IN JANUARY, 1994.
18. INSTALL ALL WATER QUALITY TRENCHES MINIMIZING TREE CUTTING.
19. REMOVE EX. 12" CMP UNDER WESTERMOST EXISTING DRIVEWAY ENTRANCE (IN ORDER TO CLOSE THE ENTRANCE).
20. UPON APPROVAL OF SEDIMENT CONTROL DEVICES & STABILIZATION.



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  - FILTER CLOTH TO BE FASTENED SECURELY TO A WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH SHALL ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "MUDGAGES" DEVELOP IN THE SILT FENCE.
- POSTS:** STEEL EITHER "4" OR "6" TYPE OR 2" HARDWOOD.
- FENCE:** WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING.
- FILTER CLOTH:** FILTER X MESH 100, STABILINKA THIN OR APPROVED EQUAL.
- PREFABRICATED UNIT:** GEOPAF, ENVIROFENCE, OR APPROVED EQUAL.



**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

**SEEDBED PREPARATION:** LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED.

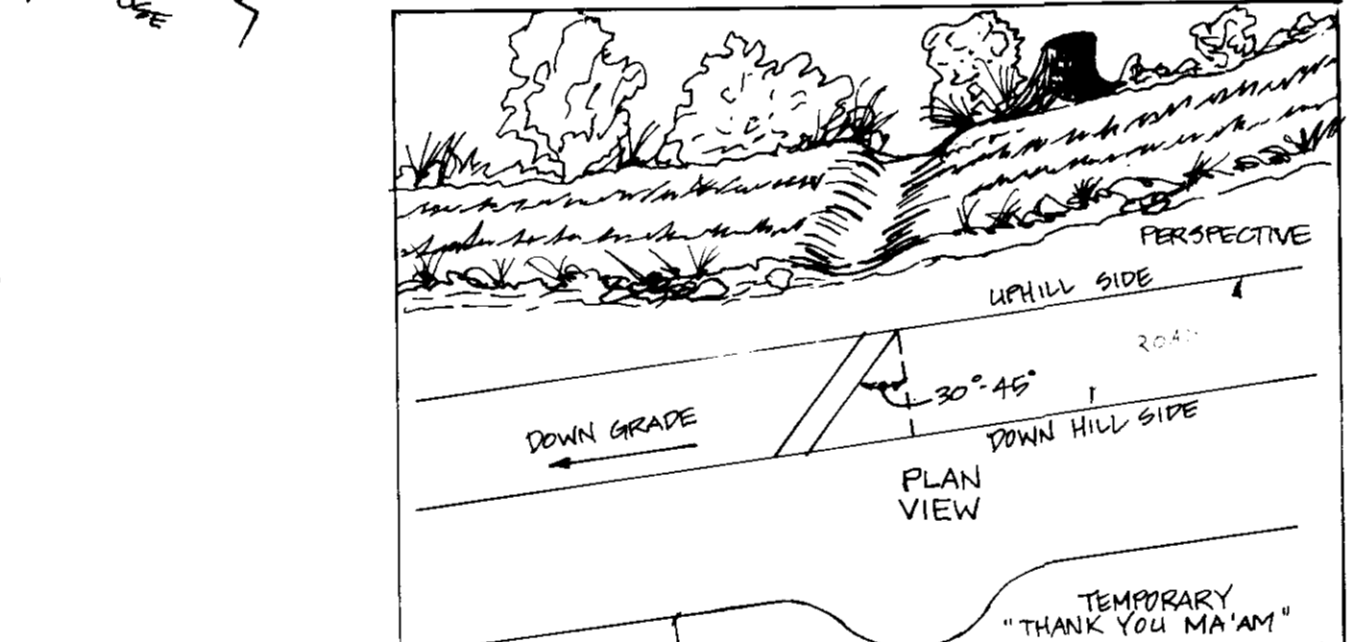
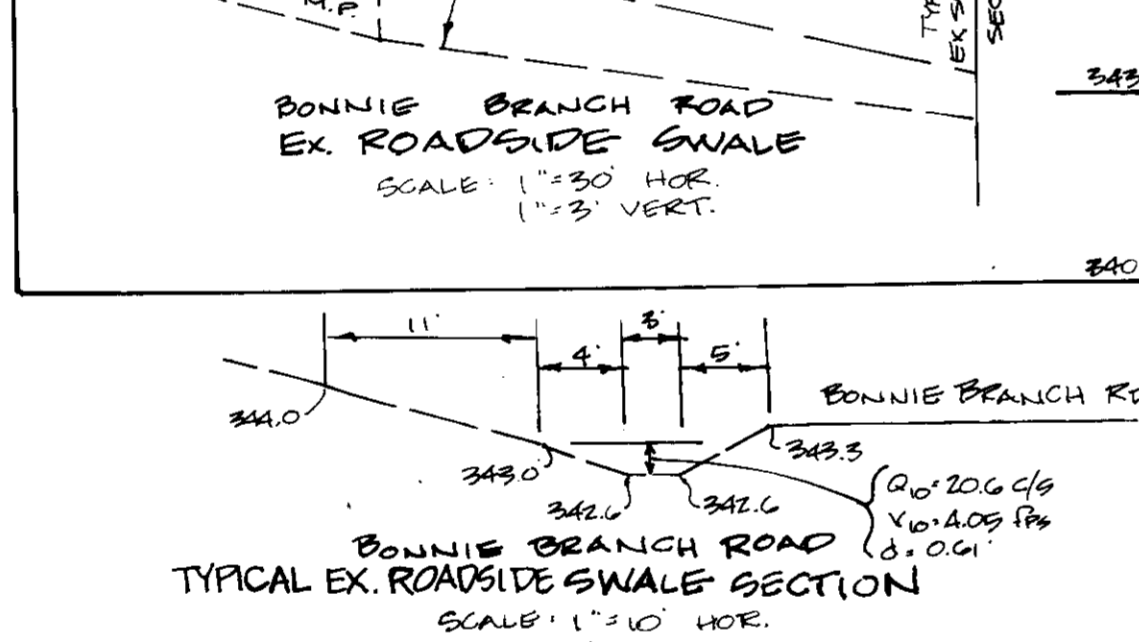
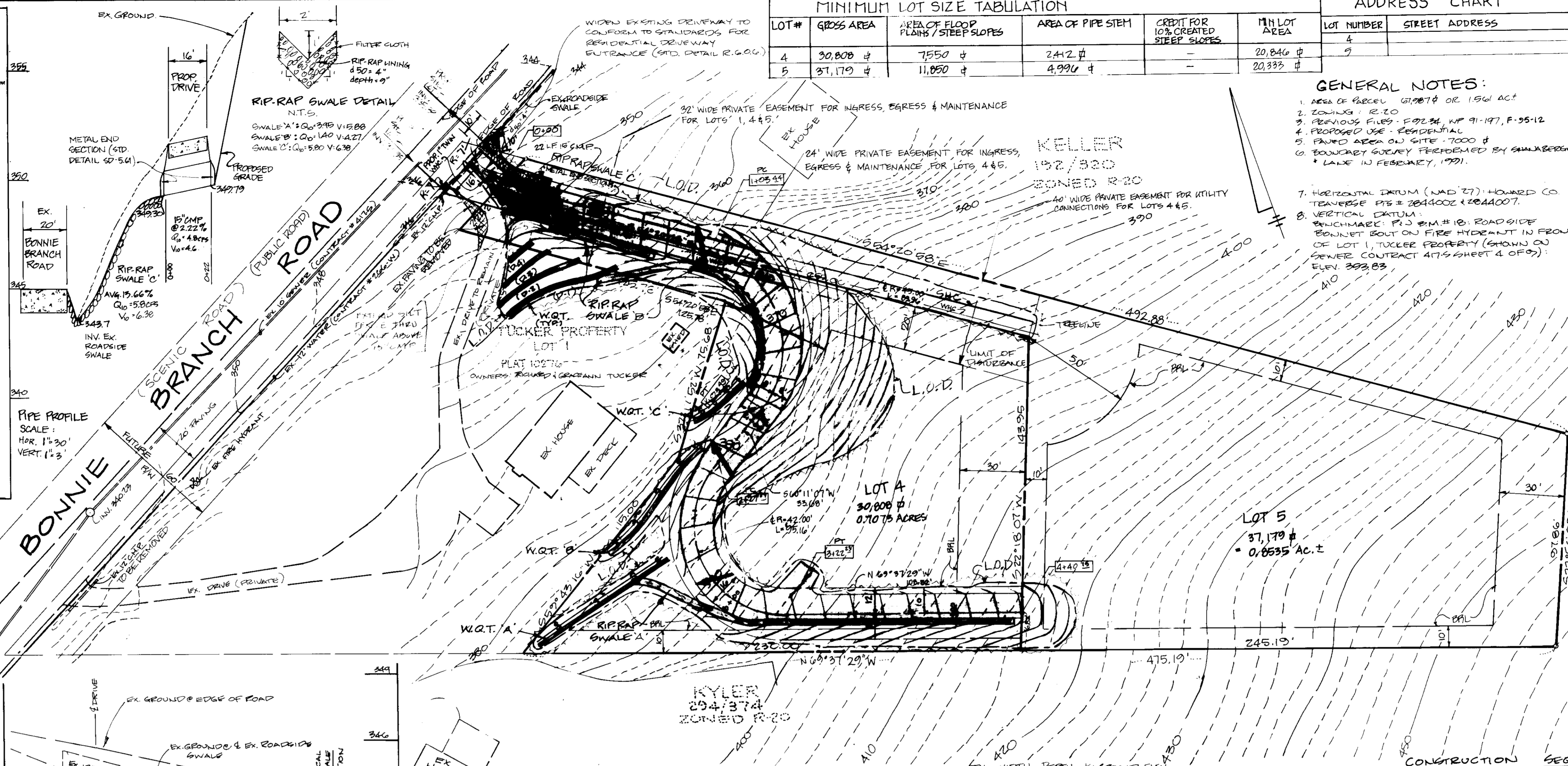
**SOIL AMENDMENTS:** USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./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 10-0-0 UREAIFORM FERTILIZER (1 LBS./1000 SQ. FT.)
- 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. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1 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 (0.5 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROJECT SITE BY OPTION (1) 1 TON PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OPTION (2) USE SOIL OPTION (3) SEED WITH 60 LBS. PER 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 UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL. 218 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

**MAINTENANCE:** INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS DISCING OR OTHER RESEEDINGS.



TRENCH	LENGTH	WIDTH	DEPTH	EX. GROUND ELEV.
A	72'	2'	1.4'	385.0
B	68'	2'	0.9'	381.0
C	28'	2'	0.7'	378.0
D-1	66'	2'	1.5'	360.0
D-2	43'	2'	1.5'	366.0
D-3	25'	2'	1.5'	366.0
D-4	14'	2'	1.5'	364.0

- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT.
  - THE CONTRACTOR WILL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT LEAST 48 HOURS BEFORE THE START OF ANY WORK AT (410) 813-8555.
  - THE CONTRACTOR WILL NOTIFY UTILITY AT LEAST 48 HOURS BEFORE THE START OF ANY EXCAVATION WORK AT (800) 291-7777.
  - PHASE 1 (2 WEEKS)
    - CLEAR FROM BONNIE BRANCH ROAD UP TO STA. 1445+00 AND AREA FOR UTILITY CONNECTIONS.
    - ROUGH GRADE & INSTALL TEMPORARY "THANK YOU MAMA".
    - ROUGH GRADE & INSTALL TEMPORARY "THANK YOU MAMA".
    - INSTALL WATER & SEWER CONNECTIONS.
    - PAVE DRIVEWAY & INSTALL RIP-RAP SWALE.
    - FINE GRADE LEFT SIDE UP TO STATION 1410+00 RIGHT SIDE UP TO STA. 1445+00.
    - STABILIZE.
  - PHASE 2 (3 WEEKS)
    - CLEAR REMAINING AREA.
    - ROUGH GRADE & INSTALL TEMPORARY "THANK YOU MAMA".
    - PAVE DRIVEWAY & INSTALL RIP-RAP SWALE.
    - FINE GRADE.
    - STABILIZE.

**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 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED.

**SOIL AMENDMENTS:** APPLY 600 LBS./ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (2 LBS./1000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 1 LBS. PER ACRE OF WEEPING LOVEGRASS (0.5 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 SOIL.

**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 GAL. PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 4 FT. OR HIGHER, USE 348 GAL. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

"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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

**DEVELOPER'S CERTIFICATE**

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT 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."

Signature: *Syed A. Saadati*  
Date: 8/1/94

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Signature: *Patricia Engler*  
Date: 3/2/95

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: *Shanab Berger*  
Date: 3/10/95

**SHANABERGER & LANE**  
8126 TOWN & COUNTRY BLVD.  
SUITE 104  
ELLICOTT CITY, MD. 21043  
(410) 461-9363

DESIGNED: *RSJ*  
DRAWN: *RFJ*  
CHECKED: *RSJ*  
DATE: 8/8/94

BY	No.	REVISION	DATE

**DEVELOPER:** RICHARD TUCKER  
46 PENNY  
PO BOX 2429  
ST. THOMAS, V.I.  
(802) 424-0258

**OWNER:** RICHARD TUCKER  
46 PENNY  
PO BOX 2429  
ST. THOMAS, V.I.  
(802) 424-0258

**SUBDIVISION NAME:** TUCKER PROPERTY  
**PLAT OR L/F BLOCK:** 11370  
**ZONE:** R-20  
**TAX MAP:** 31  
**SEWER CODE:** 417-S

**SECTION/AREA:** 336  
**LOT/PARCEL:** 336  
**ELECT. DIST.:** 1st  
**CENSUS TRACT:** 201101

**SITE DEVELOPMENT PLAN**  
PRIVATE USE-IN-COMMON DRIVEWAY CONSTRUCTION  
**"TUCKER PROPERTY" LOTS 4 & 5**  
PLAT # 11370 TAX MAP 31 PARCEL 336  
1ST ELECTION DISTRICT HOWARD COUNTY, MD  
SCALE: 1" = 30' JANUARY 10, 1994

SCALE: 1" = 30'  
SHEET 1  
OF 1

SDP 95-16