

**SEDIMENT CONTROL NOTES:**  
 SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS INCLUDED IN THE U.S.D.A. SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."

2. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (792-7272).

3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.

4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS (792-7272).

5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:

1. SITE PREPARATION:  
 A. HARROW OR DISC IN AREAS PROPOSED TO BE SEEDING THE FOLLOWING MATERIALS:  
 1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.  
 2) COMMERCIAL FERTILIZER 10-10-10 AT 3/4 TONS/ACRE.  
 3) SUPER PHOSPHATE AT 600 LBS./ACRE.

2. SEEDING:  
 A. SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER.  
 1) TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.  
 2) PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.  
 B. THE SEEDING AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.

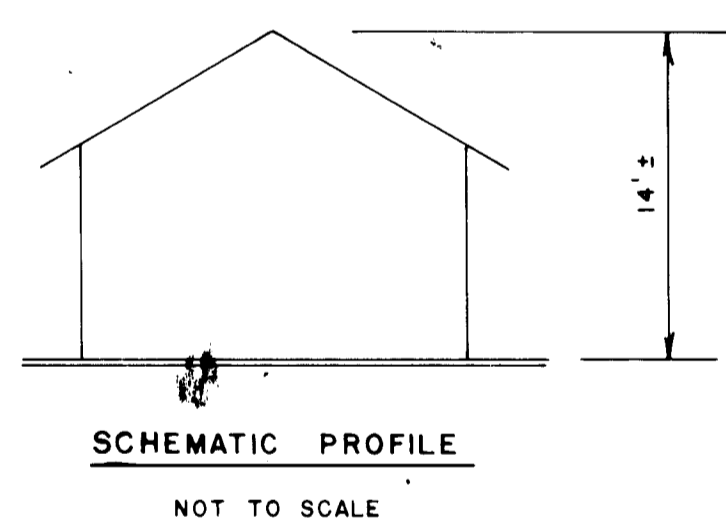
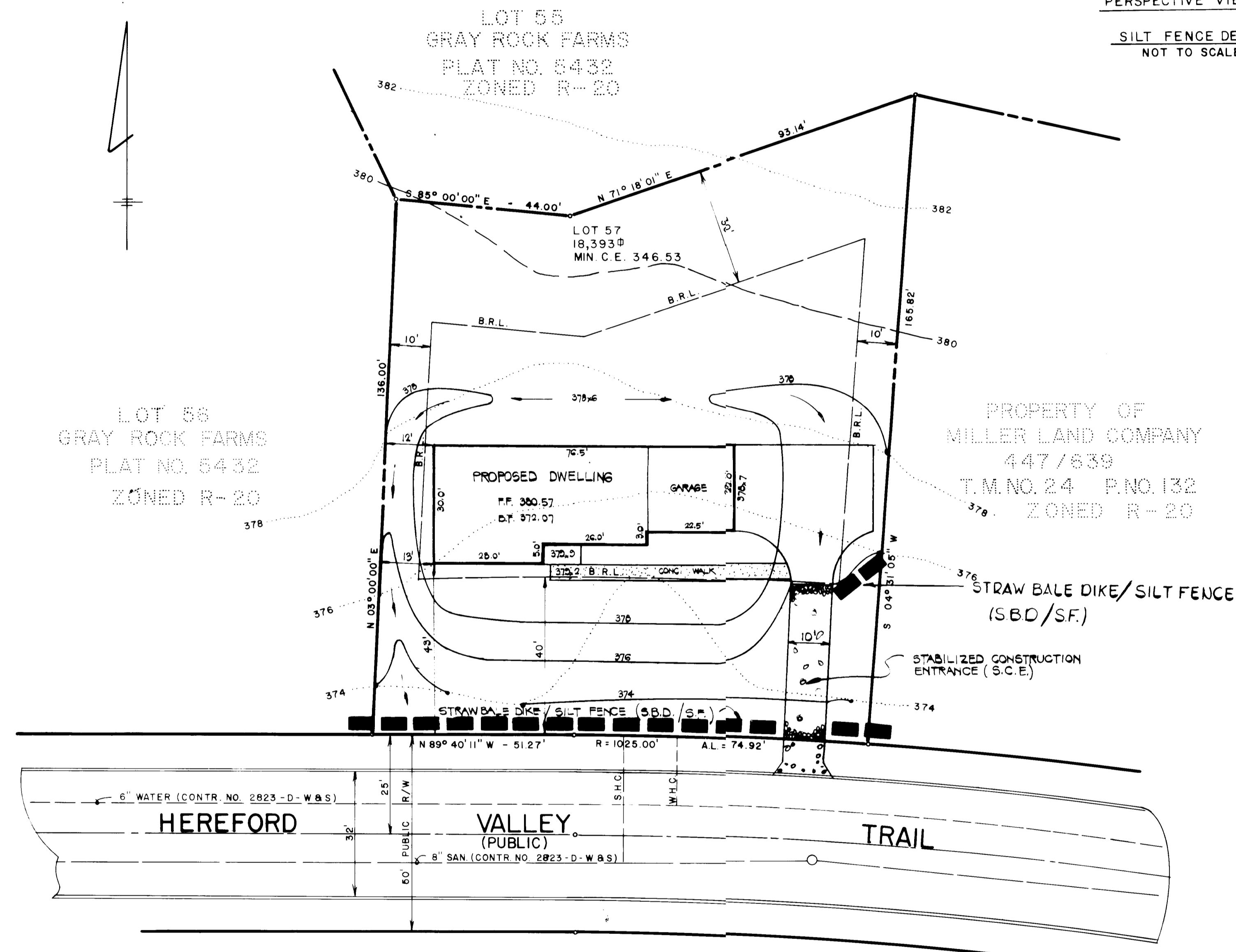
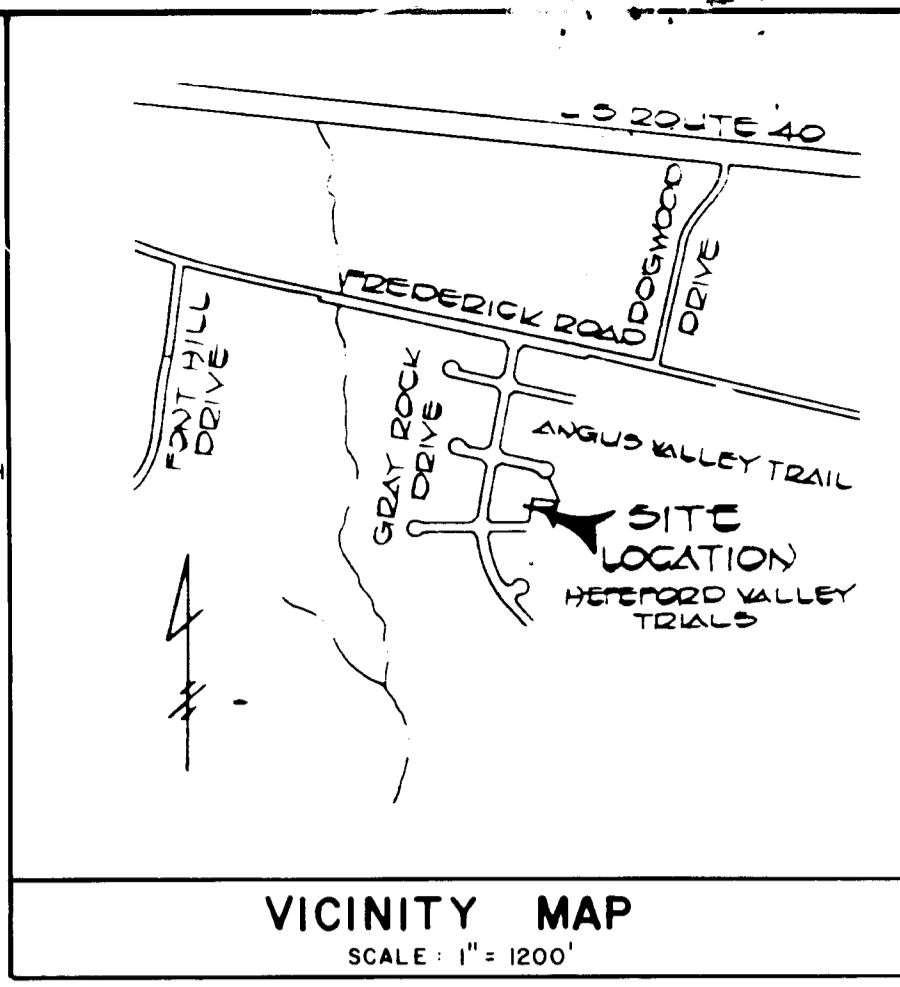
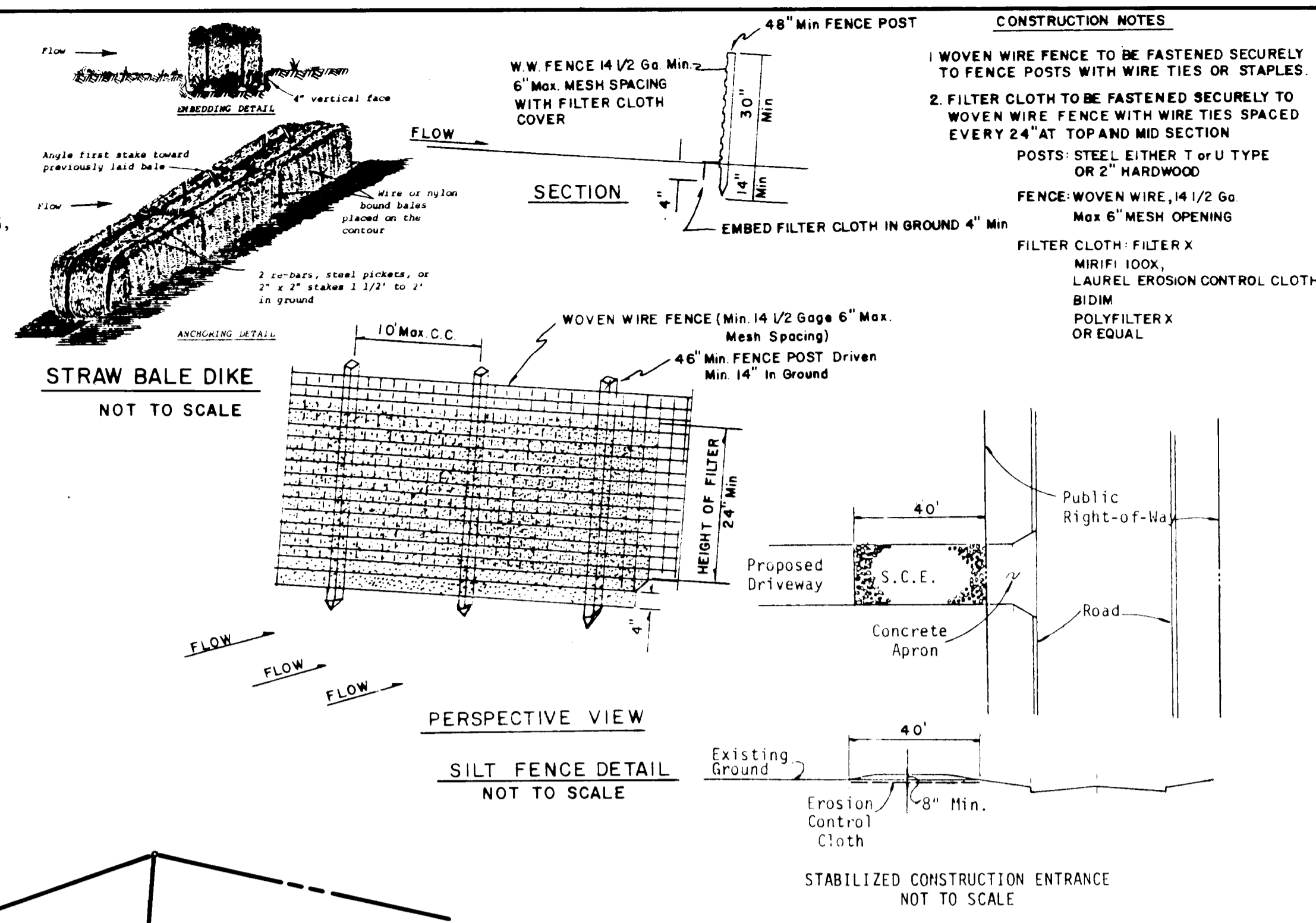
3. MULCHING:  
 A. SEEDING AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 - 2 TONS/ACRE.  
 B. TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.

**GENERAL NOTES**

1.) SUBJECT PROPERTY IS LOCATED ON TAX MAP 24 AS PART OF PARCEL 1144  
 2.) PLAT REFERENCE - NUMBER 5432  
 3.) PROPERTY IS ZONED - R-20  
 4.) MINIMUM SET BACKS = SIDE = 10', REAR = 30', FRONT = 40'  
 5.) ALL TYPICAL HOUSE DIMENSIONS, PROFILE, DRIVEWAY APRON DETAIL AND SEDIMENT CONTROL NOTES AND SPECIFICATIONS CAN BE FOUND ON THIS SHEET.  
 6.) SITE ANALYSIS:  
 a) TOTAL LOTS = 1 AREA = 0.42 AC +  
 b) TOTAL LOTS NON-BUILDABLE (OPEN SPACE) = -- AREA = -- AC +  
 c) TOTAL LOTS BUILDABLE = AREA = 0.42 AC +  
 d) TOTAL IMPERVIOUS AREA = 0.10 AC +  
 e) TOTAL DISTURBED AREA = 0.28 AC +  
 f) TOTAL AREA TO BE REVEGETATED = 0.18 AC +  
 7.) STREET TREES SHALL BE IN ACCORDANCE WITH SEC. 16. 131.  
 8.) IF ROADS ARE DEDICATED PRIOR TO SUBDIVISION COMPLETION AN ADDITIONAL SEDIMENT CONTROL PLAN WILL BE REQUIRED BY THE DEVELOPER.  
 9.) THE DEVELOPER IS RESPONSIBLE FOR MAINTAINING EXISTING SEDIMENT CONTROL MEASURES IN FUNCTIONAL CONDITION.

**CONSTRUCTION SEQUENCE**

1.) OBTAIN GRADING PERMIT.  
 2.) INSTALL "STONE CONSTRUCTION ENTRANCE" ON LOT.  
 3.) INSTALL LOT SEDIMENT CONTROL MEASURES AS SHOWN ON PLAN PRIOR TO BEGINNING ANY GRADING ON THE LOT.  
 4.) CONSTRUCT HOUSE.  
 5.) INDIVIDUAL SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL GRADED AREAS PROTECTED BY THE MEASURES INSTALLED HAVE BEEN COMPLETELY STABILIZED.  
 6.) REMOVE ALL SEDIMENT CONTROL MEASURES UPON COMPLETION OF DWELLING, STABILIZATION OF ALL DISTURBED AREAS AND FINAL APPROVAL BY THE HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS.



**LEGEND**

EXISTING CONTOUR (2' INTERVAL)	---
PROPOSED CONTOUR (2' INTERVAL)	---
SPOT ELEVATION	---
DRAINAGE FLOW	---
RETAINING WALL	---
EX. WOODS TO BE SAVED	---
STRAW BALE DIKE (S.B.D.)	---
SILT FENCE (S.F.)	---
STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)	---
PERIMETER DIKE (P.D.)	---

**OWNER/DEVELOPER**  
 C. KNUDSEN & SON, INC.  
 8455 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-2222

APPROVED  
 DIVISION OF ZONING  
 HOWARD COUNTY  
 DATE: 5-21-84  
 MA

1	5/24/84	PER NO. CO. COMMENTS OF 5/22/84	57	3605 HEREFORD VALLEY TRAIL
REV.	DATE	REVISION	LOT NO.	STREET ADDRESS
		REVISIONS	ADDRESS	CHART

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 8388 COURT AVENUE  
 ELLICOTT CITY, MARYLAND 21043

Signature: *Charles J. Carter*  
 DATE: 4/16/84

**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 SOIL CONSERVATION DISTRICT.

**DEVELOPER'S CERTIFICATE**  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature: *Robert M. Knudsen*  
 DATE: 4-16-84

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

Signature: *John J. Nimmer*  
 DATE: 6-9-84  
 DIRECTOR, PUBLIC WORKS

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *Thomas H. Harris*  
 DATE: 6-8-84  
 PLANNING DIRECTOR

Signature: *William W. Zielman*  
 DATE: 6-1-84  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

Signature: *William W. Zielman*  
 DATE: 6-1-84  
 DISTRICT HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *James M. Nelson*  
 DATE: 6-1-84  
 U.S. SOIL CONSERVATION SERVICE

**SITE DEVELOPMENT PLAN**  
 GRAY ROCK FARMS  
 SECTION I  
 LOT 57  
 2nd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE 1" = 20' APRIL 12, 1984