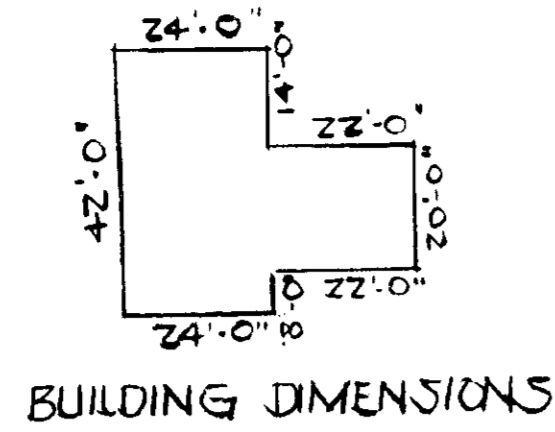
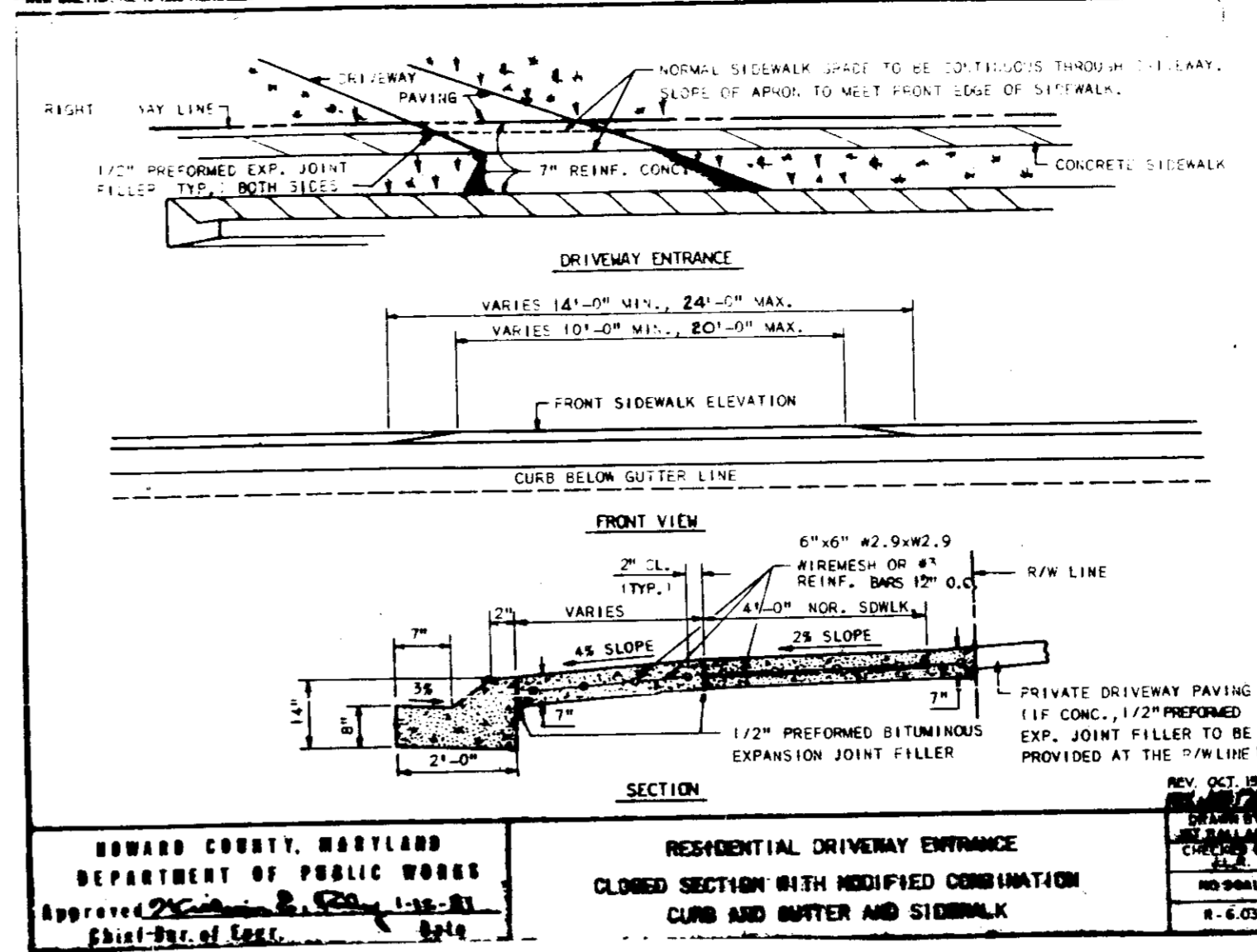


BUILDING ELEVATION

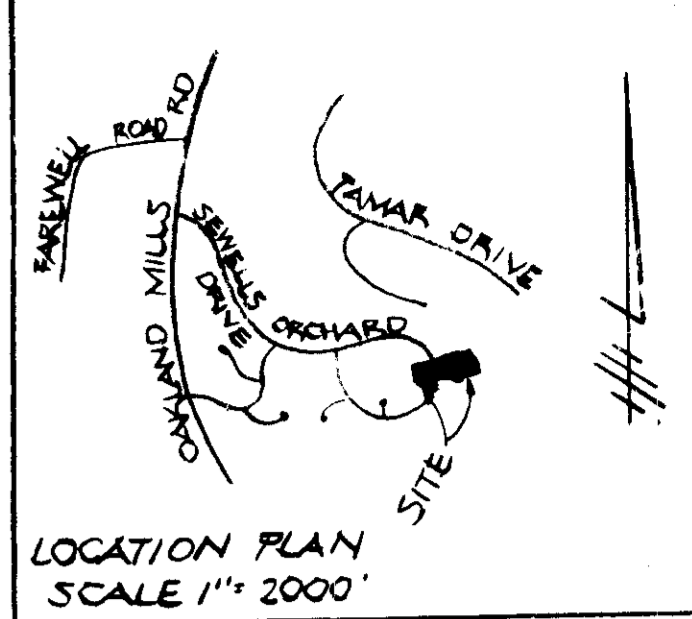


BUILDING DIMENSIONS

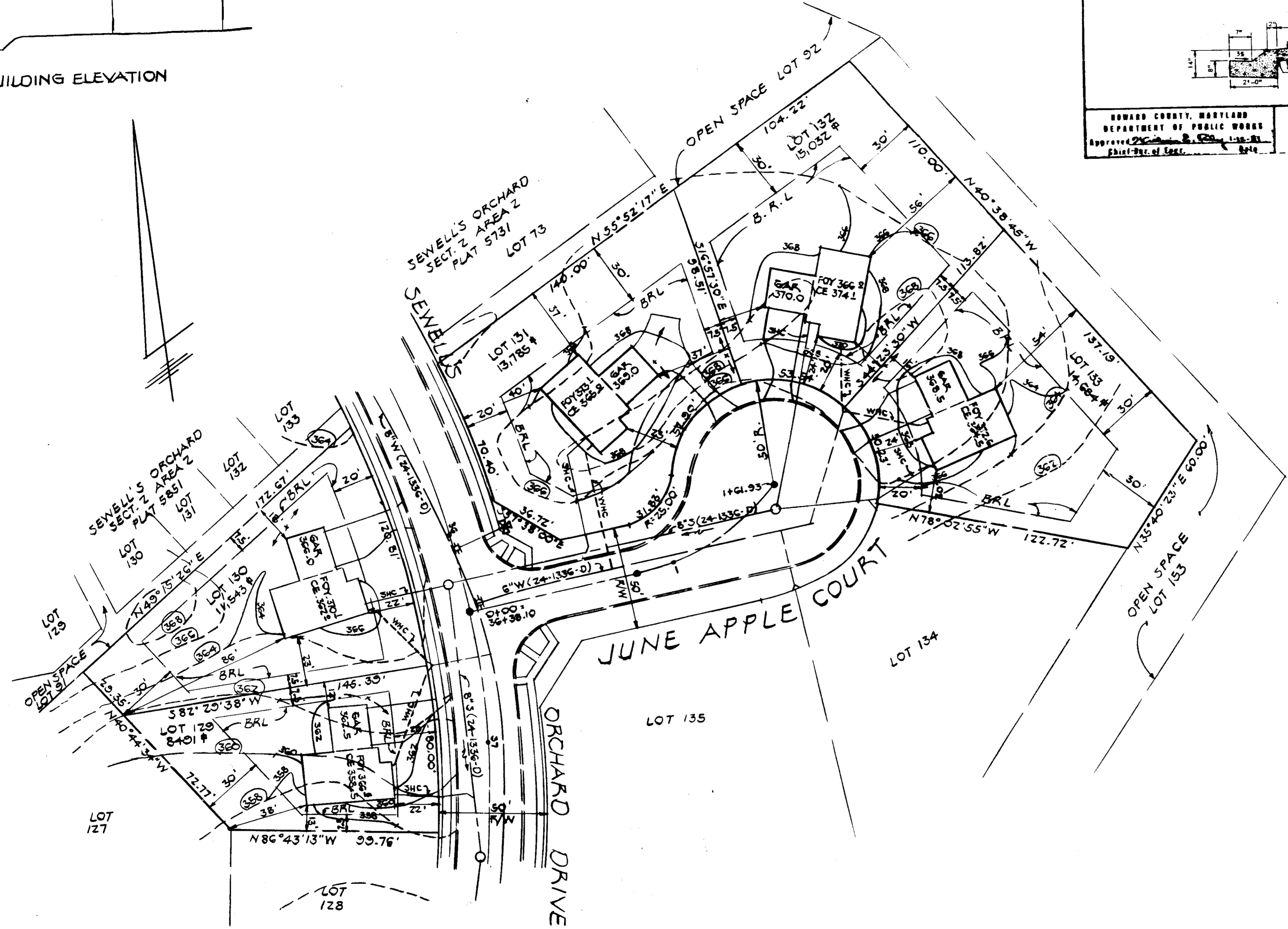


HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS  
Approved: *[Signature]* 1-15-85  
Chief Div. of Eng.

RESIDENTIAL DRIVEWAY ENTRANCE  
CLOSED SECTION WITH MODIFIED COMBINATION  
CURB AND GUTTER AND SIDEWALK



LOCATION PLAN  
SCALE 1" = 2000'



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 10-7-85  
*[Signature]*

This Development Plan is approved for erosion and sediment control by The Howard Soil Conservation District.

Approved: *[Signature]* 10-16-85  
District Coordinator  
Howard Soil Conservation District

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*[Signature]* 10-24-85  
PLANNING DIRECTOR

*[Signature]* 10-24-85  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 10-24-85  
COUNTY HEALTH OFFICER

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS.  
*[Signature]* 10-19-85  
DIRECTOR

*[Signature]* 10-18-85  
CHIEF BUREAU OF ENGINEERING

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*[Signature]* 10-16-85  
U.S. SOIL CONSERVATION SERVICE

DIVISION NAME	SEWELLS ORCHARD	SECT. AREA	4-Z	LOT/PARCEL #	129-133
PLAN #	6083	BLK. #	17	ZONE	R-SC
WATER CODE	E04	SEWER CODE	36	MAX. ZONE MAR. ELEC. DIST.	6
				CENSUS TR.	6083-02

LOT NUMBER	ADDRESS
129	6608 SEWELLS ORCHARD DRIVE
130	6604 " " "
131	6601 JUNE APPLE COURT
132	6606 " " "
133	6609 " " "

DEVELOPER  
FIRETTI BUILDERS, INC.  
P.O. BOX 146  
WEST FRIENDSHIP, MD. 21794

- NOTES
1. ZONING - RSC
  2. AREA OF SITE = 1.46 AC. ±
  3. FOR STORM WATER MANAGEMENT SEE F 84-215

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 Conservation District.

*[Signature]* 8-29-85  
Date



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 onsite inspection by The Howard Conservation District of their authorized Agents as are deemed necessary."

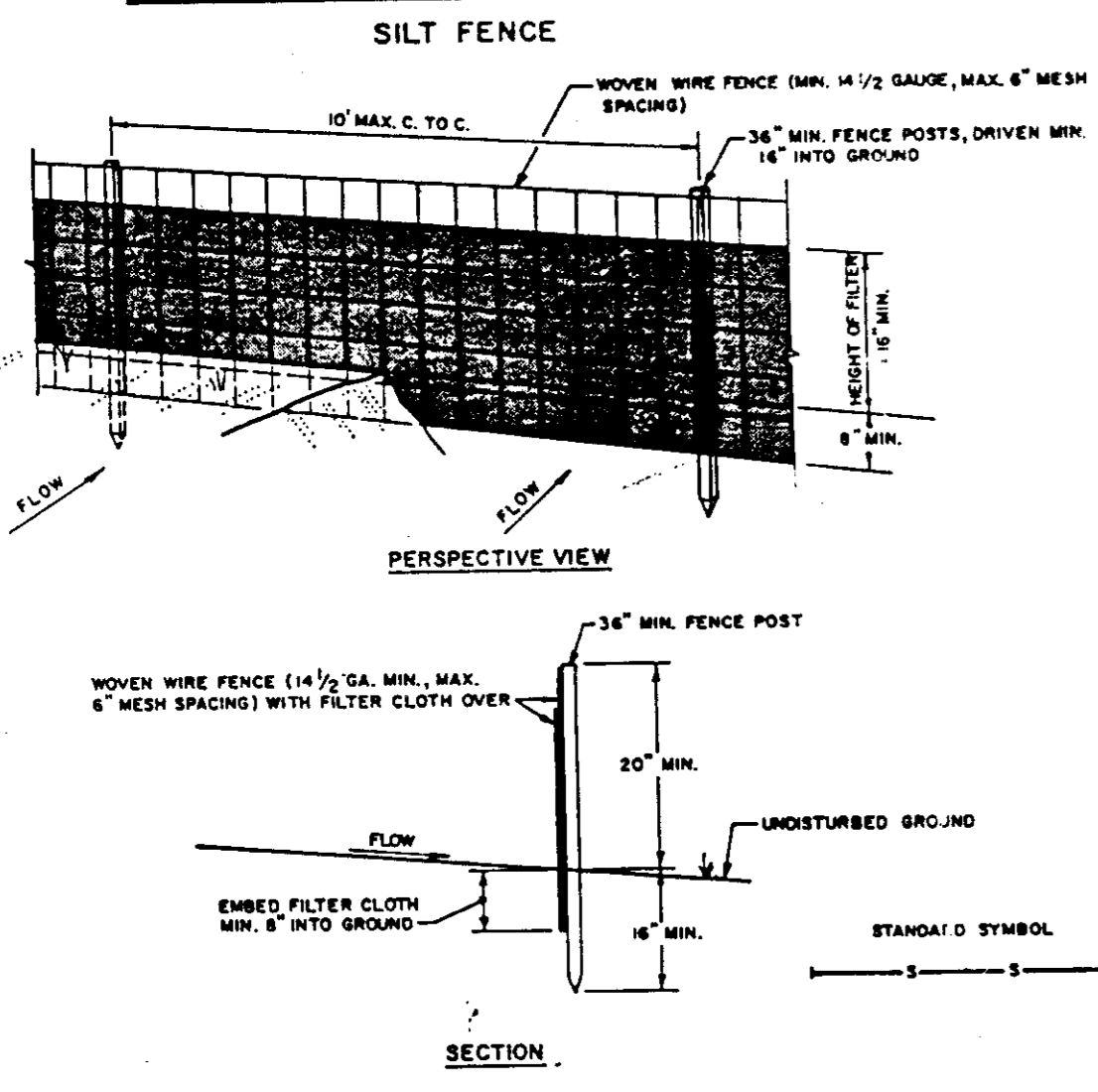
*[Signature]* 8-29-85  
Date

SITE DEVELOPMENT PLAN  
LOTS 129 THRU 133  
SECTION 4 AREA 2  
SEWELLS ORCHARD  
ELECTION DISTRICT 6  
HOWARD COUNTY, MD.  
SCALE: 1" = 30'  
1 OF 2

ENGINEER:  
HUDKINS ASSOCIATES, INC.  
200 EAST JOPPA ROAD  
ROOM 101, SHELL BUILDING  
TOWSON, MARYLAND 21284

OWNER:  
ORCHARD ASSOCIATES, INC.  
PO BOX 313  
COLUMBIA, MD. 21044





**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>
- POSTS: STEEL EITHER T OR U TYPE OR 2\"/>

FENCE: WOVEN WIRE, 1/4\"/>

FILTER CLOTH: FILTER X, MINERAL WOOL, STABILIZED, LIGNIN TREATED OR APPROVED EQUAL.

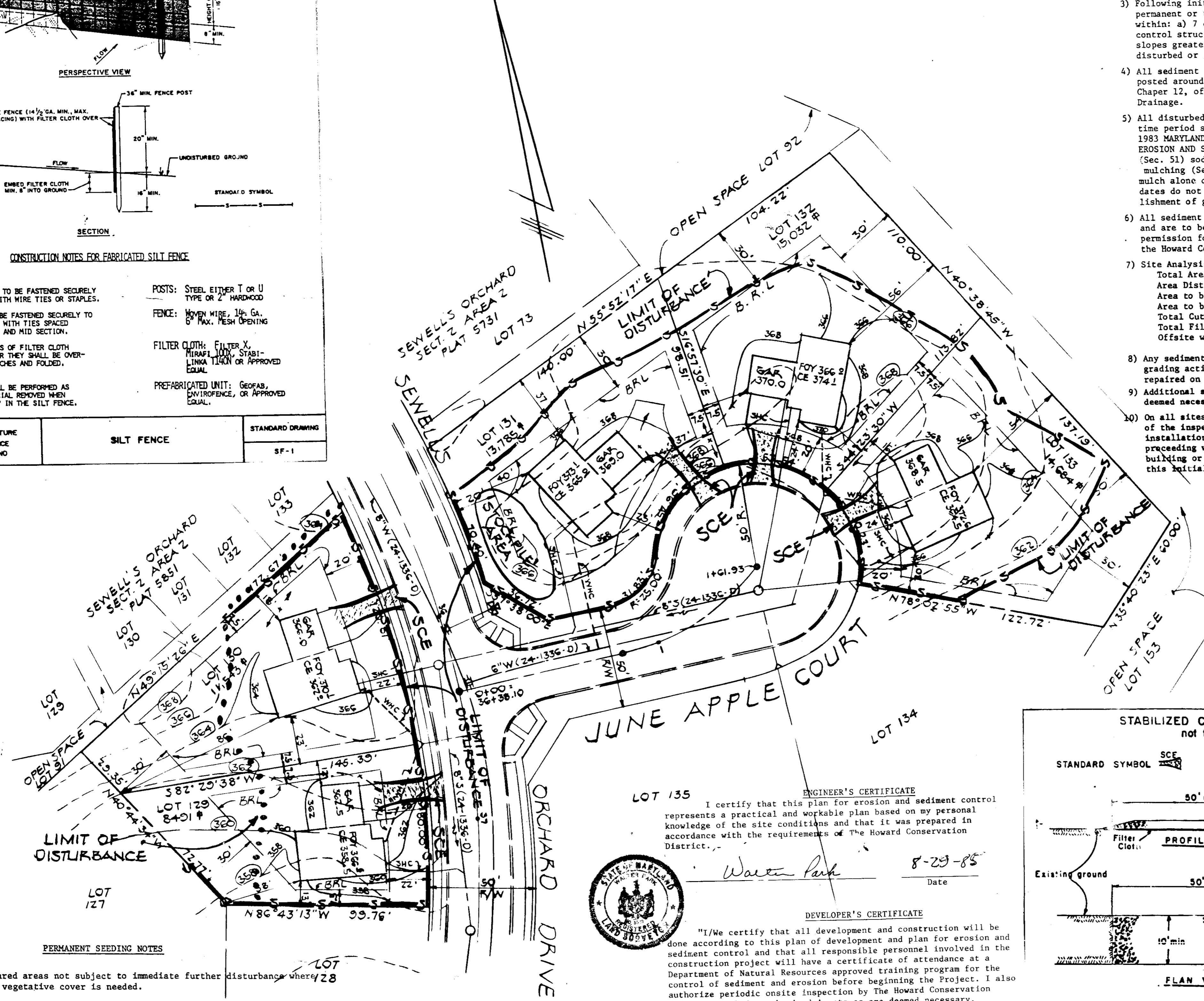
PREFABRICATED UNIT: GEOPAB, ENVIROFENCE, OR APPROVED EQUAL.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	SILT FENCE	STANDARD DRAWING SF-1
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**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 redistribution, 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. 51) sod (Sec. 54), 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:
 

Total Area of Site	1.5 Acres
Area Disturbed	1.0 Acres
Area to be roofed or paved	0.5 Acres
Area to be vegetatively stabilized	0.7 Acres
Total Cut	970 Cu. yds
Total Fill	970 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.



**APPROVED**  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 10-7-85

This Development Plan is approved for erosion and sediment control by The Howard Soil Conservation District.	
Approved: <i>Stephen K. Huber</i> District Coordinator Howard Soil Conservation District	10-16-85 Date
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING <i>Thomas L. Hanning</i> PLANNING DIRECTOR	10-24-85 Date
<i>John M. Marchant</i> CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.	10-24-85 Date
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>Joseph P. Breen</i> HEALTH OFFICER	10-24-85 Date
APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.	
<i>George Nummy</i> DIRECTOR	10-18-85 Date
<i>Archie S. ...</i> CHIEF BUREAU OF ENGINEERING	10-17-85 Date
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.	
<i>John M. ...</i> U.S. SOIL CONSERVATION SERVICE	10-16-85 Date

**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 Conservation District.

*Walter Park*  
8-23-85  
Date

**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 onsite inspection by The Howard Conservation District of their authorized Agents as are deemed necessary.

*Joseph Lentz*  
8-23-85  
Date

**TEMPORARY SEEDING NOTES**  
Apply to graded or cleared areas likely to be redistributed 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.

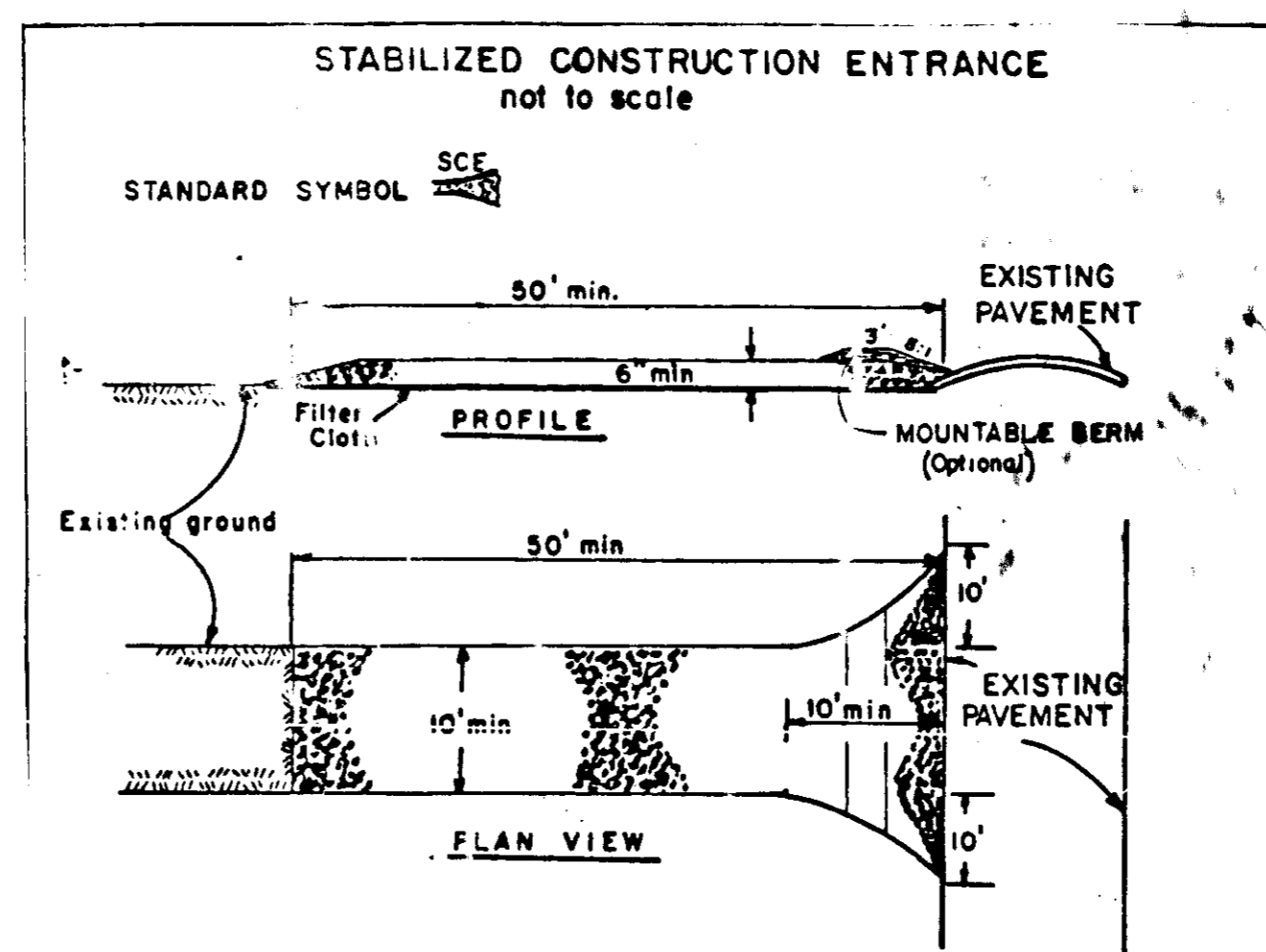
**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 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 (.07 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 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 reseeding.

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



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 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 - Ten (10) foot 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 berm 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 rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-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.

- SEQUENCE OF CONSTRUCTION**
1. Obtain building permit.
  2. Notify Howard County Dept. of Permits and Licenses.
  3. Install sediment control devices.
  4. Obtain approval from sediment control inspector.
  5. Grade site.
  6. Begin building construction.
  7. Stabilize improved areas per permanent seeding procedures.
  8. Remove sediment control features after obtaining approval and stabilize those areas.

**DEVELOPER:**  
PIRETTI BUILDERS, INC.  
P.O. BOX 146  
WEST FRIENDSHIP MD. 21794

**SITE DEVELOPMENT PLAN**  
LOTS 129 THRU 133  
SECTION 4 AREA 2  
SEWELLS ORCHARD  
ELECTION DISTRICT 6  
HOWARD COUNTY, MD.  
SCALE: 1"=30'  
Z OF Z

**OWNER:**  
ORCHARD ASSOCIATES, INC.  
P.O. BOX 313  
COLUMBIA, MD. 21044

**ENGINEER:**

**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 three inches of soil by raking, discing or other acceptable means before seeding.
- 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 square 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 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 (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 15, seed with 60 lbs per acre (1.4 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 (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 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 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 reseeding.