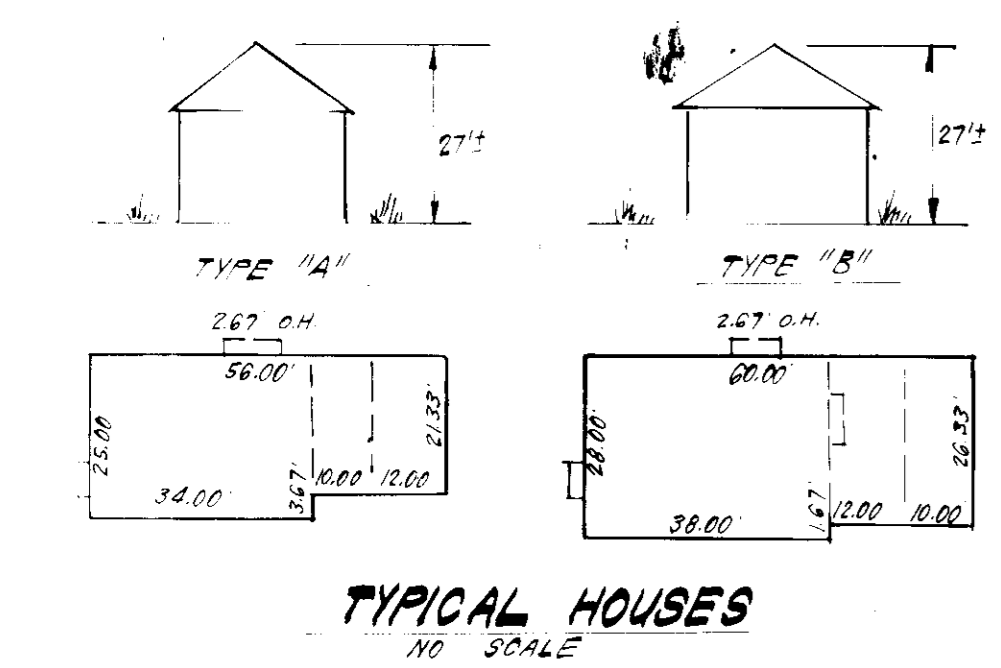


- LEGEND:**
- 1. Contour Interval 2' F.
  - 2. Existing Contour - - - - -
  - 3. Proposed Contour - - - - -
  - 4. Spot Elevation
  - 5. Direction of Drainage
  - 6. Easement to be Retained
  - 7. Walk-out Basement



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

HEALTH OFFICER: [Signature] DATE: 7-1-83

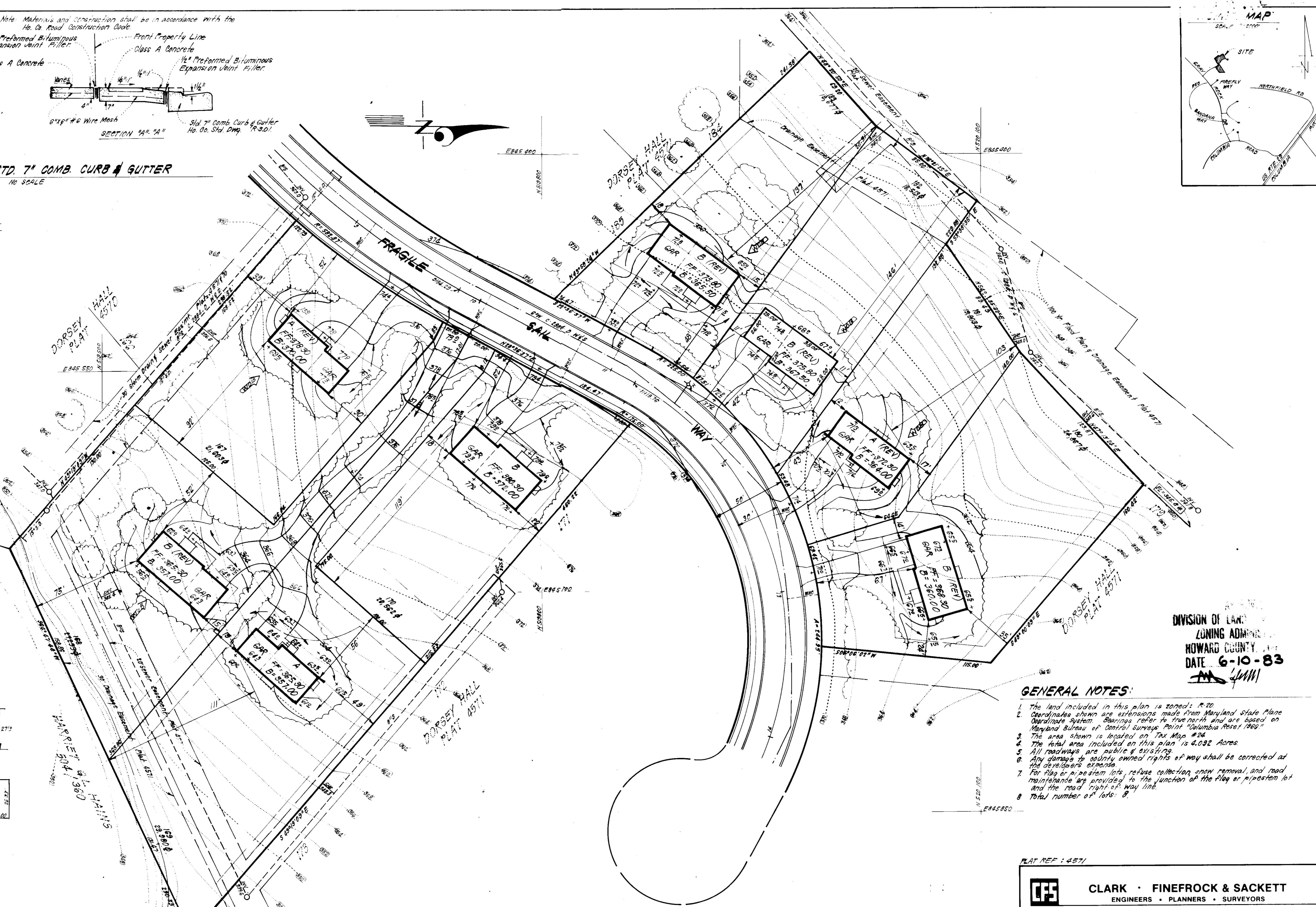
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR: [Signature] DATE: 7-1-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

ENGINEER: [Signature] DATE: 6-28-83

NO	REVISION	DATE
1	Revised Use Type & Grade on Lot 182 from "A Rev." to "B Rev."	1-6-84



DIVISION OF LAND  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 6-10-83

- GENERAL NOTES:**
- The land included in this plan is zoned: R-20.
  - Coordinates shown are extensions made from Maryland State Plane Coordinate System. Bearings refer to true north and are based on Maryland Bureau of Control surveys Point "Columbia Reset 1960".
  - The area shown is located on Tax Map #24.
  - The total area included on this plan is 4.032 Acres.
  - All roadways are public & existing.
  - All drainage to county owned rights of way shall be corrected at the developer's expense.
  - For flag or pipe-stem lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipe-stem lot and the road right-of-way line.
  - Total number of lots: 8.

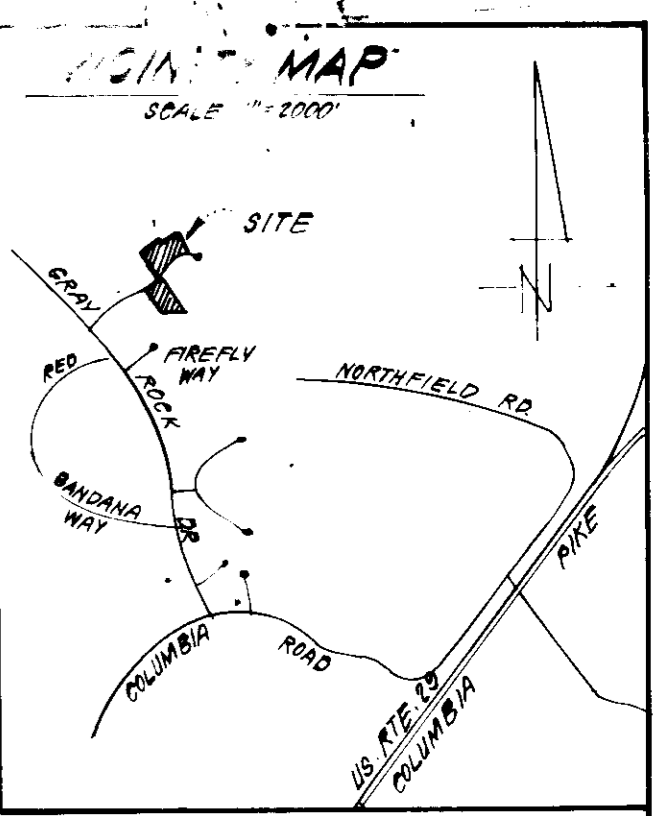
PLAT REF: 4571

**CLARK · FINEFROCK & SACKETT**  
ENGINEERS · PLANNERS · SURVEYORS

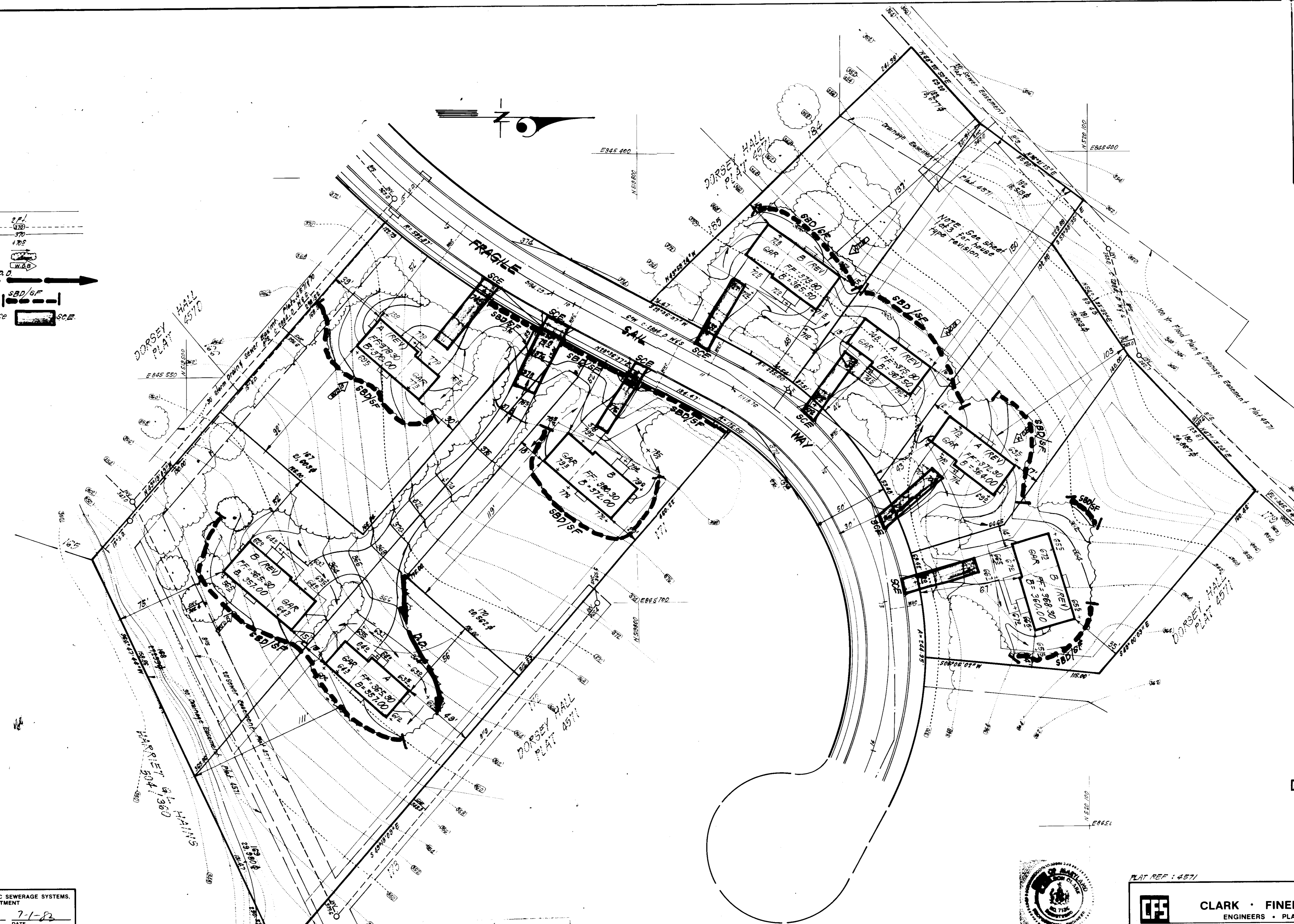
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED	JME	SITE DEVELOPMENT PLAN LOTS 167 THRU 170 & 180 THRU 183	SCALE	1" = 30'
DRAWN	JME	DORSEY HALL	DRAWING	165-5
CHECKED	JME	SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.	83-035
DATE	5-16-83	FOR: LUNDY & CLARK BUILDERS, INC. 11065 Little Patuxent Parkway Columbia, Maryland 21044	FILE NO.	83-035-X





- LEGEND:**
- 1. Contour Interval 2 F.T.
  - 2. Existing Contour 570
  - 3. Proposed Contour 570
  - 4. Spot Elevation 178
  - 5. Direction of Drainage
  - 6. Exist Trees to be retained
  - 7. Walk out Basement
  - 8. Diversion Dike
  - 9. Straw Bale Dike/Silt Fence
  - 10. Stone Construction Entrance



APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 6-10-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 DATE 7-1-83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 DATE 7-1-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE 6-28-83

Reviewed by: HOWARD S.C.D.  
 Name: James M. Kelley  
 Signature: [Signature]  
 Date: 6/21/83  
 U.S. Soil Conservation Service

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
 I hereby 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 of this project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sedimentation 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: [Signature]  
 Date: 5/16/83

**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.  
 Signature: [Signature]  
 Date: 5-16-83



FLAT REF: 4571

<b>CLARK • FINEROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	JLS	SCALE 1" = 30'
DRAWN	KIW	DRAWING 2 OF 3
CHECKED	JLS	JOB NO. 83 035
DATE	5-16-83	FILE NO. 83 035 SE
SEDIMENT & EROSION CONTROL PLAN LOTS 167 THRU 170 & 180 THRU 183 <b>DORSEY HALL</b> SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: LINDY & CLARK BUILDERS, INC. 1005 Little Patuxent Parkway Columbia, Maryland 21044		

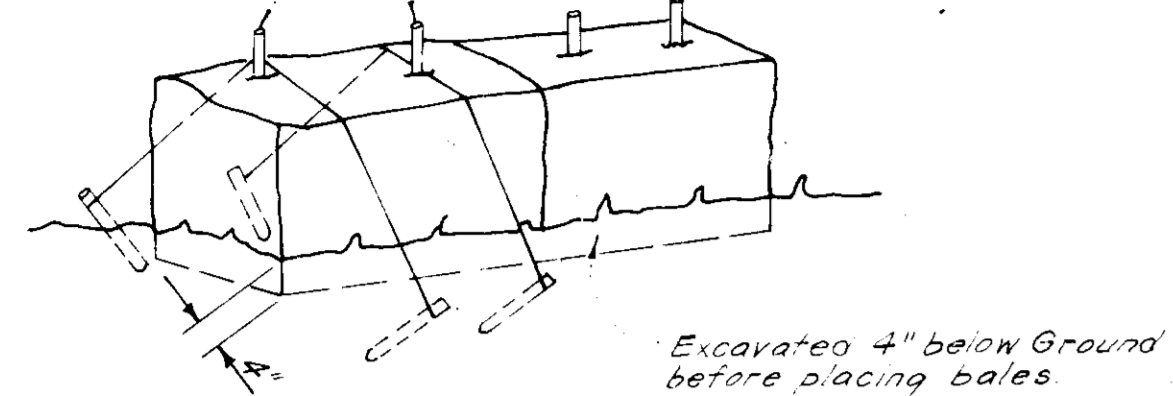
SDP-83-196

**GENERAL NOTES**

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual ryegrass applied at a rate of 14 lbs/1000 sf.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All disturbed area to be stabilized in accordance with the following Specifications:
  - A. Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual ryegrass.
  - B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 sf.
  - C. Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method (i.e.; asphalt tacks, chemical binder etc.)
  - D. All Sod used shall be Maryland State Certified.
- All structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-Site Inspection and Maintenance of all Sediment Control Measures including clean out of Sediment Traps and Dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet N.A.
- Total Amount of Straw Bales or Silt Fence shown = **350** - F
- SITE ANALYSIS:**
  - A. Total Area: **4.092** Acres
  - B. Area to be Roofed: **0.276** Acres
  - C. Area to be Paved: **0.251** Acres
  - D. Area to be Seeded: **0.605** Acres
  - E. Area Undisturbed: **2.960** Acres
- CONSTRUCTION SEQUENCE:**
  - A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
  - B. Excavate for Foundations and Rough Grade
  - C. Erect Structures, Driveways and Sidewalks
  - D. Final Grade and Stabilize in accordance with note #6
- If houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control as shown on this sheet, shall be implemented.

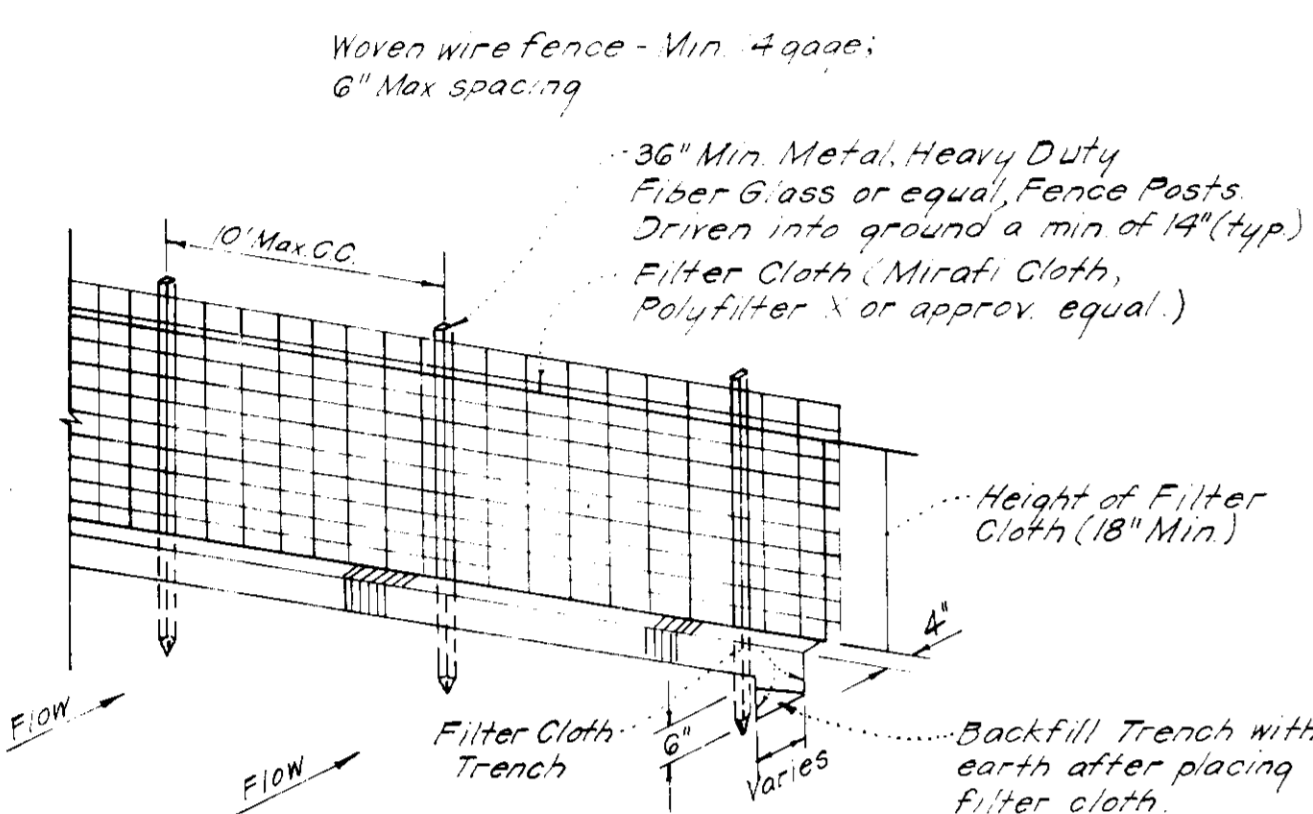
All bales shall be tied with non-weathering materials, i.e., wire, nylon

Two rebars or wooden stakes driven through each hole 1/8" - 2" into ground. Rebars to be driven flush with top of bales.

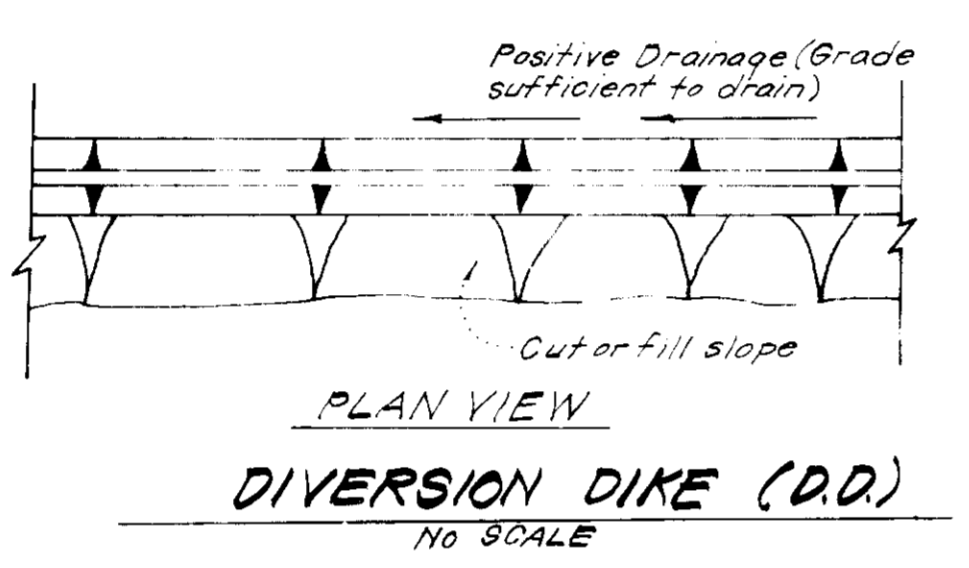
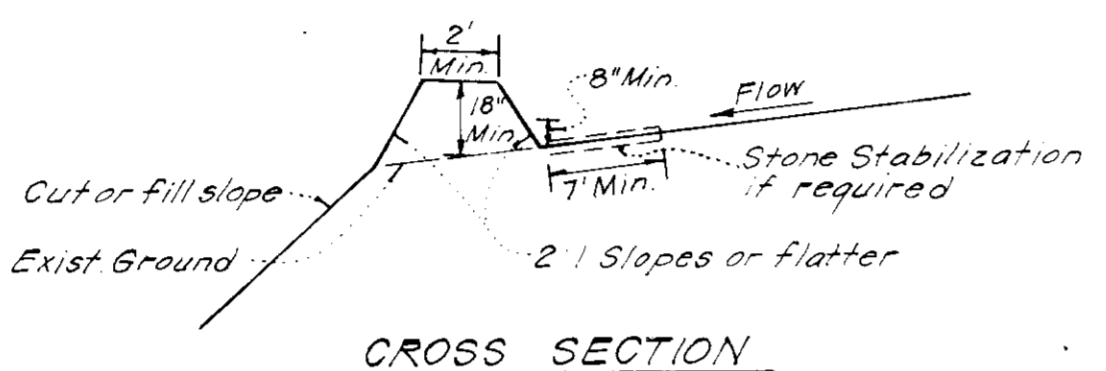


Note: In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

**STRAW BALE DIKE DETAIL (S.B.D.)**  
No SCALE

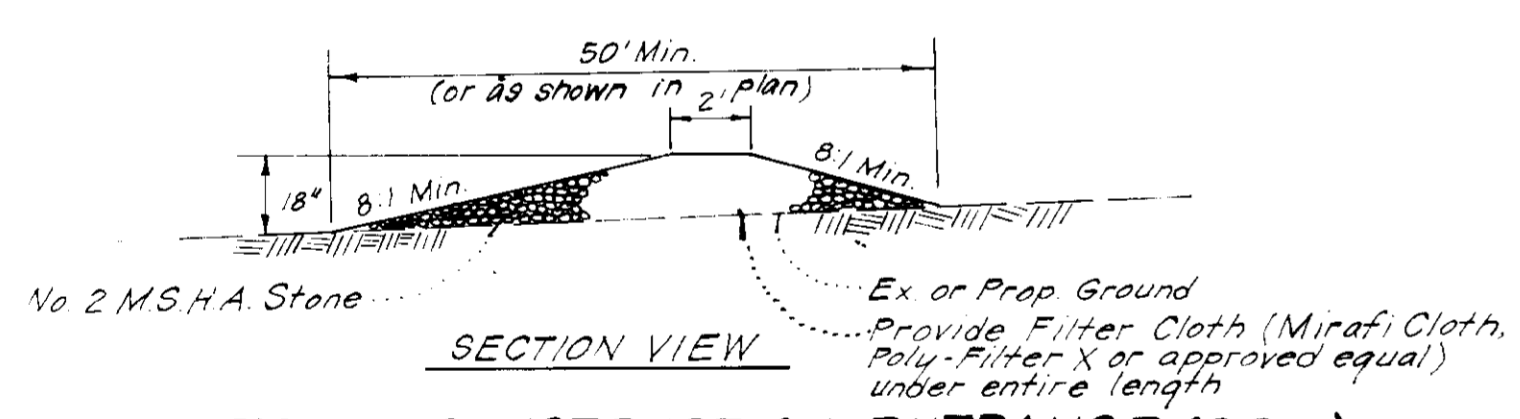


Notes:  
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".



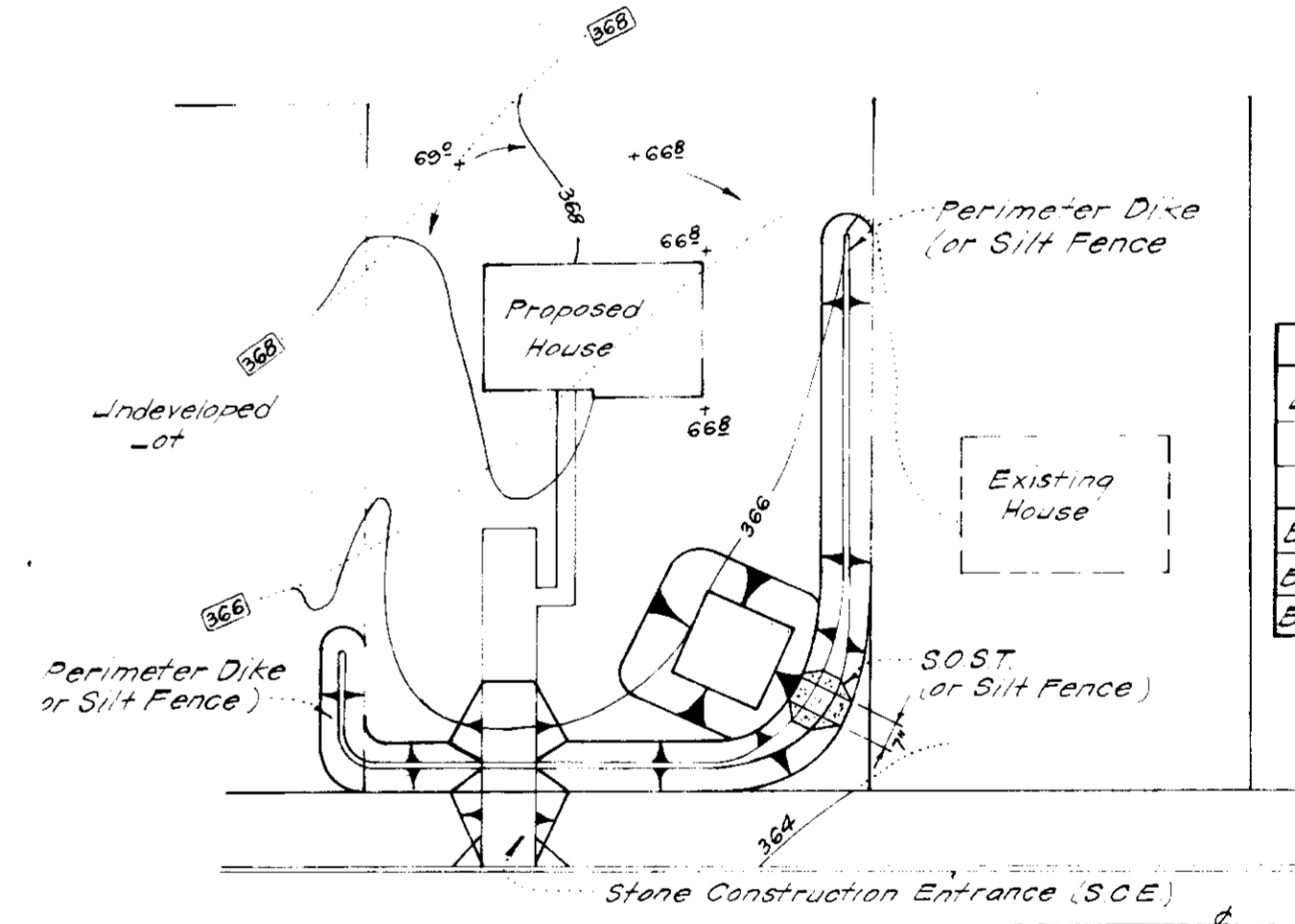
**DIVERSION DIKE (D.D.)**  
No SCALE

**SILT FENCE DETAIL (S.F.)**  
No SCALE



**STONE CONSTRUCTION ENTRANCE (S.C.E.)**  
No SCALE

Ex or Prop Ground Provide Filter Cloth (Miraf, Cloth, Poly-Filter X or approved equal) under entire length



S.O.S.T. #			
Lot Size	1/4 Ac	1/2 Ac	1 Ac
L	2'	3'	6'
Depth	2'	2'	2'
Bot Length	11'	26'	26'
Bot Width	11'	11'	26'
Bot Area	22 sq	286 sq	676 sq

\* See Std ST-3 pg 2007 for det not shown  
\*\* Can be adjusted in field but bottom area must be as given or greater

**SINGLE LOT SEDIMENT CONTROL PLAN**  
No SCALE

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 6-10-83  
*[Signature]*

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 7-1-83  
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*[Signature]* 7-1-83  
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 6-28-83  
DATE

*[Signature]* 6-29-83  
DATE

Reviewed for *[Signature]* S.C.D.  
Name  
and meets Technical Requirements  
*[Signature]* 6/27/83  
Signature Date  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED  
FOR SOIL EROSION AND SEDIMENT  
CONTROL BY THE HOWARD SOIL  
CONSERVATION DISTRICT.  
*[Signature]* 6-27-83  
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE  
"We certify that all development and construction will be done according to this plan of development and construction and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sedimentation before beginning the project. I also authorize periodic or periodic inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."  
*[Signature]* 5/16/83  
Date  
Harry L. Lundy

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.  
*[Signature]* 5-16-83  
Date  
G. Nelson Clark



**CLARK • FINEPROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
13135 LOKWOOD DRIVE, GREENBELT, MARYLAND 20884

DESIGNED: JLS  
DRAWN: JLS  
CHECKED: JLS  
DATE: 5-16-83

SEDIMENT & EROSION CONTROL PLAN  
LOTS 167 THRU 170 & 180 THRU 183  
**DORSEY HALL**  
SECTION 1 AREA 4  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
FOR: LINDY CLARK BUILDERS, INC.  
11065 Little Patuxent Parkway  
Columbia, Maryland 21044

SCALE: As Shown  
DRAWING: 30F3  
JOB NO: 83-035  
DATE: 5-16-83

SDP-83-196