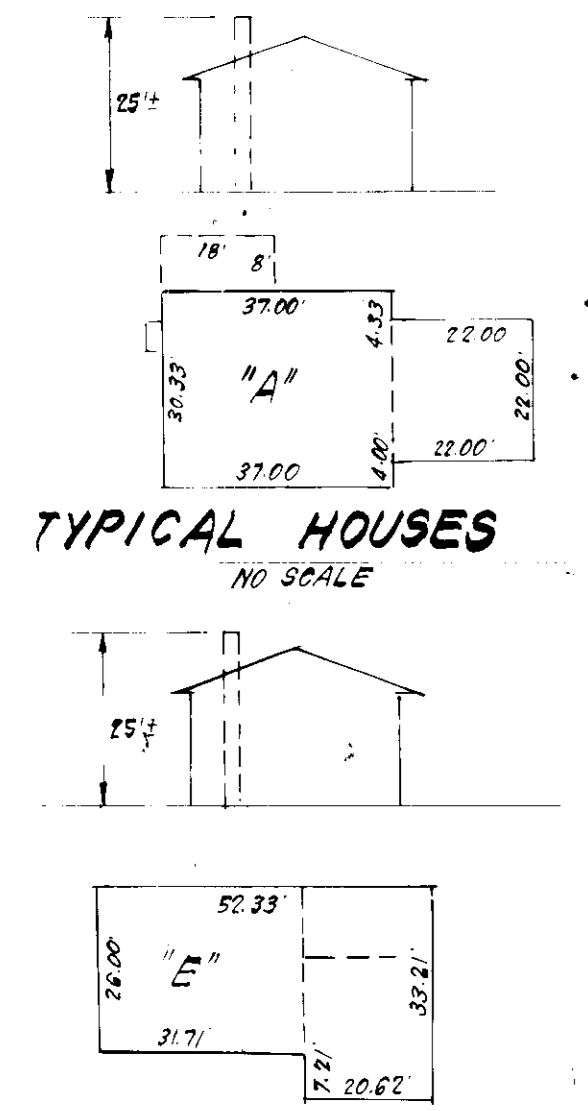
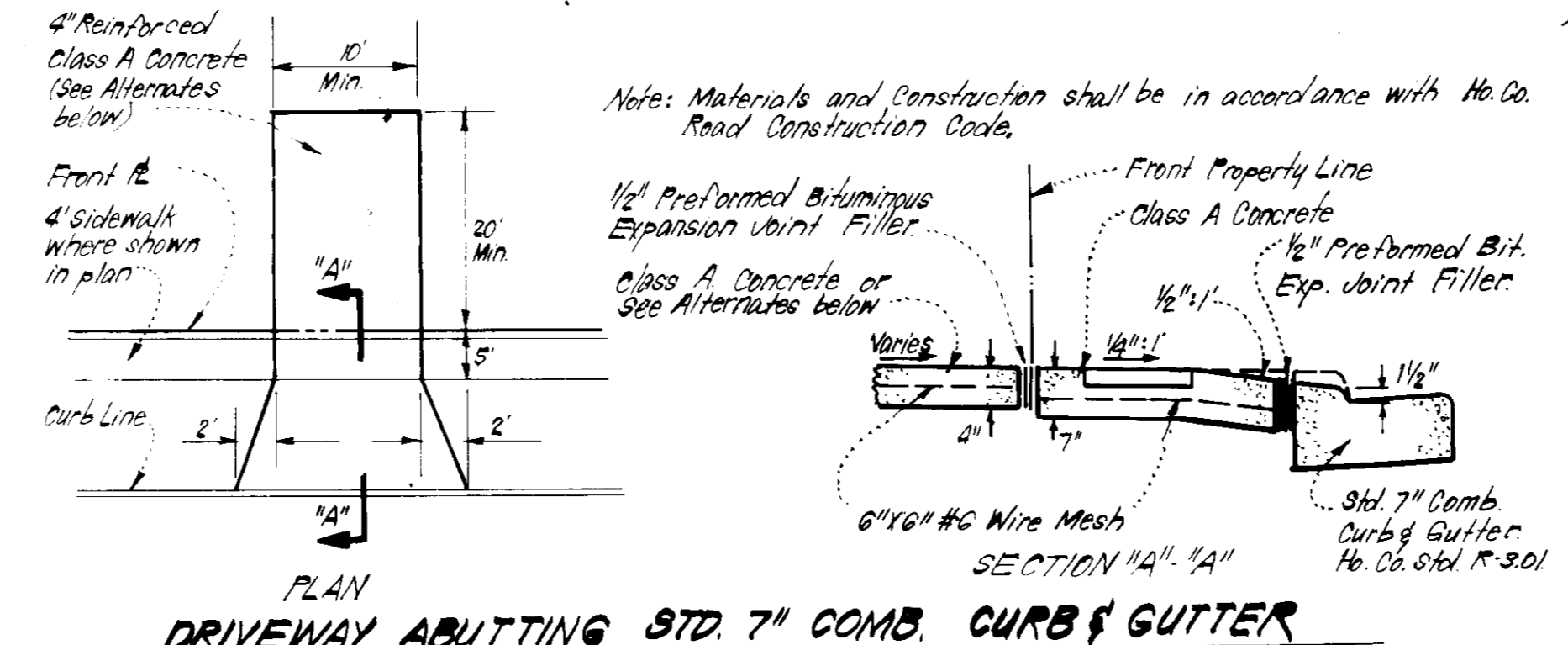
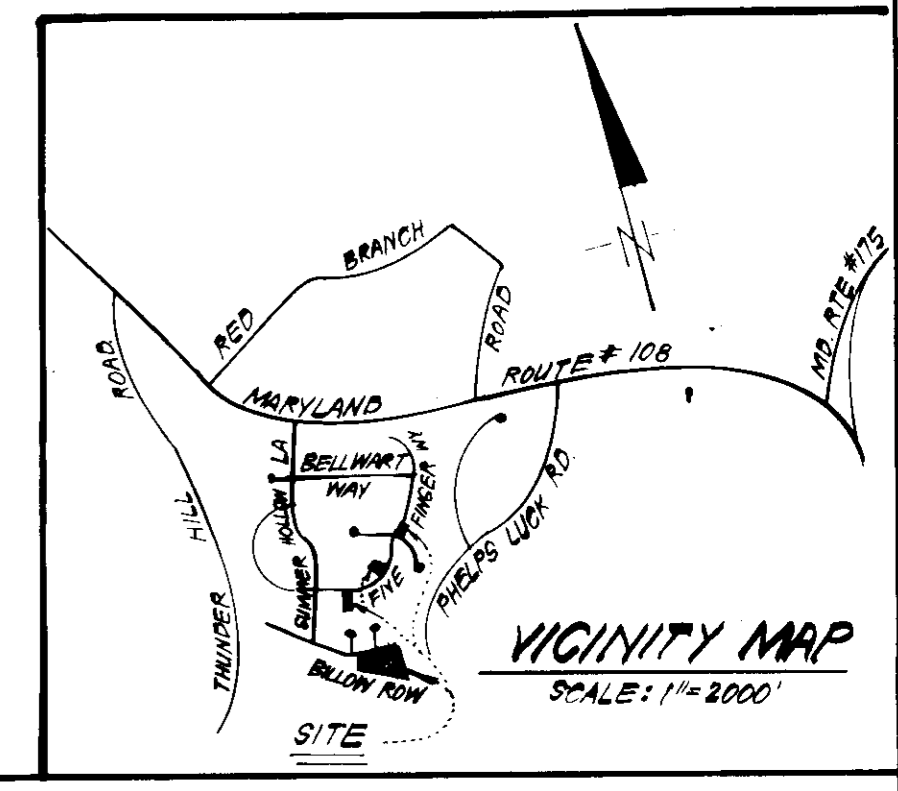


- GENERAL NOTES:**
1. The land included in this plan is zoned: R-12
  2. All Coordinates are based on the Maryland State Grid
  3. The area covered is located on Tax Map #30.
  4. The total area of this plan is 2.650 Acres
  5. All roadways are public & existing
  6. Any damage to county owned rights of way shall be corrected at the developer's expense.
  7. Plat Reference: Plats 4064 & 3873
  8. Number of lots: 8

- LEGEND:**
1. Contour Interval 2 Ft.
  2. Existing Contour 2.10
  3. Proposed Contour 2.10
  4. Spot Elevation +105
  5. Direction of Drainage
  6. Walk-Out Basement
  7. 100% Flood Main Elevation
  8. Exist. Trees to be retained.



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-18-83  
*[Signature]*



NO SCALE

ALTERNATE #1	1" Bit. Conc. Surface	ALTERNATE #3	1" Bit. Conc. Surface
	2" Bit. Conc. Base		3" Bit. Conc. Base
	6" Gravel		3" Gravel

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

*[Signature]* 6-3-83  
HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*[Signature]* 6-7-83  
PLANNING DIRECTOR DATE

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

*[Signature]* 6-6-83  
DATE

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

*[Signature]* 6-1-83  
ENGINEER DATE

*[Signature]* 6-1-83  
BUREAU OF ENGINEERING DATE

NO	REVISION	DATE
1	Use type & Gr. rev on Lot 45 G from A to E	3-22-83
2	Use Type rev on Lot 12 (D) from E to A, Lot 12 (D) from A to E, Rotate Hs on Lot 82 (E)	5-3-83

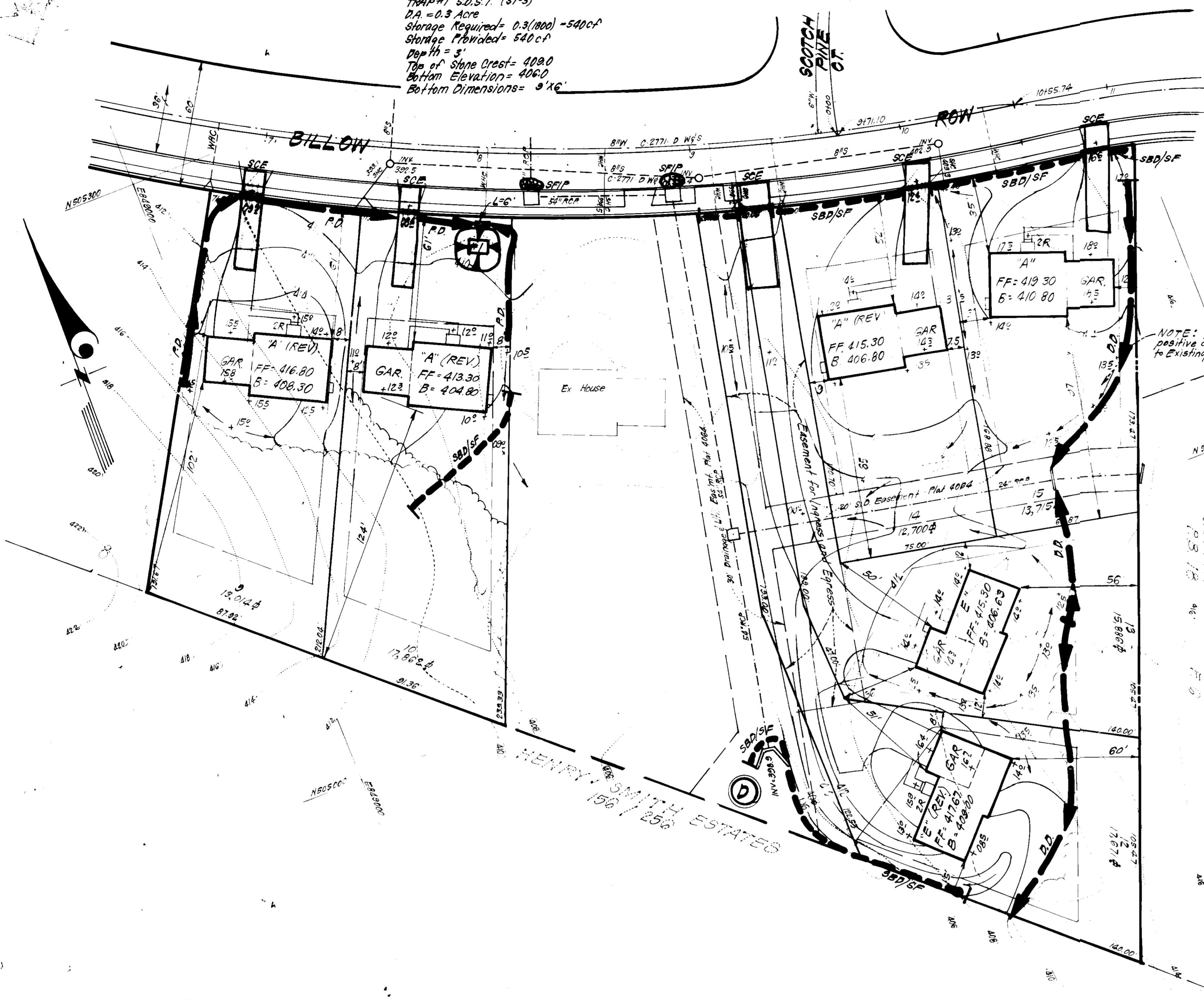
**CLARK · FINEFROCK & SACKETT**  
ENGINEERS · PLANNERS · SURVEYORS

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

DESIGNED	JME	SITE DEVELOPMENT PLAN LOTS 9, 10, 11, 12, 13, BLK. D, SECT. 1, AREA 4 LOT 45, BLK. G, AND LOT 82, BLK. E SECTION 1, AREA 2	SCALE 1"=30'
DRAWN	K.I.W.		DRAWING 106-3
CHECKED	JME		JOB NO. 83-007
DATE	3-18-83	FOR: RANDALL CONSTRUCTION CO. INC. 3821 Archer Place Kensington, Md. 20795	FILE NO. 83-007-X

SDP 83-139 **SDP-83-139**

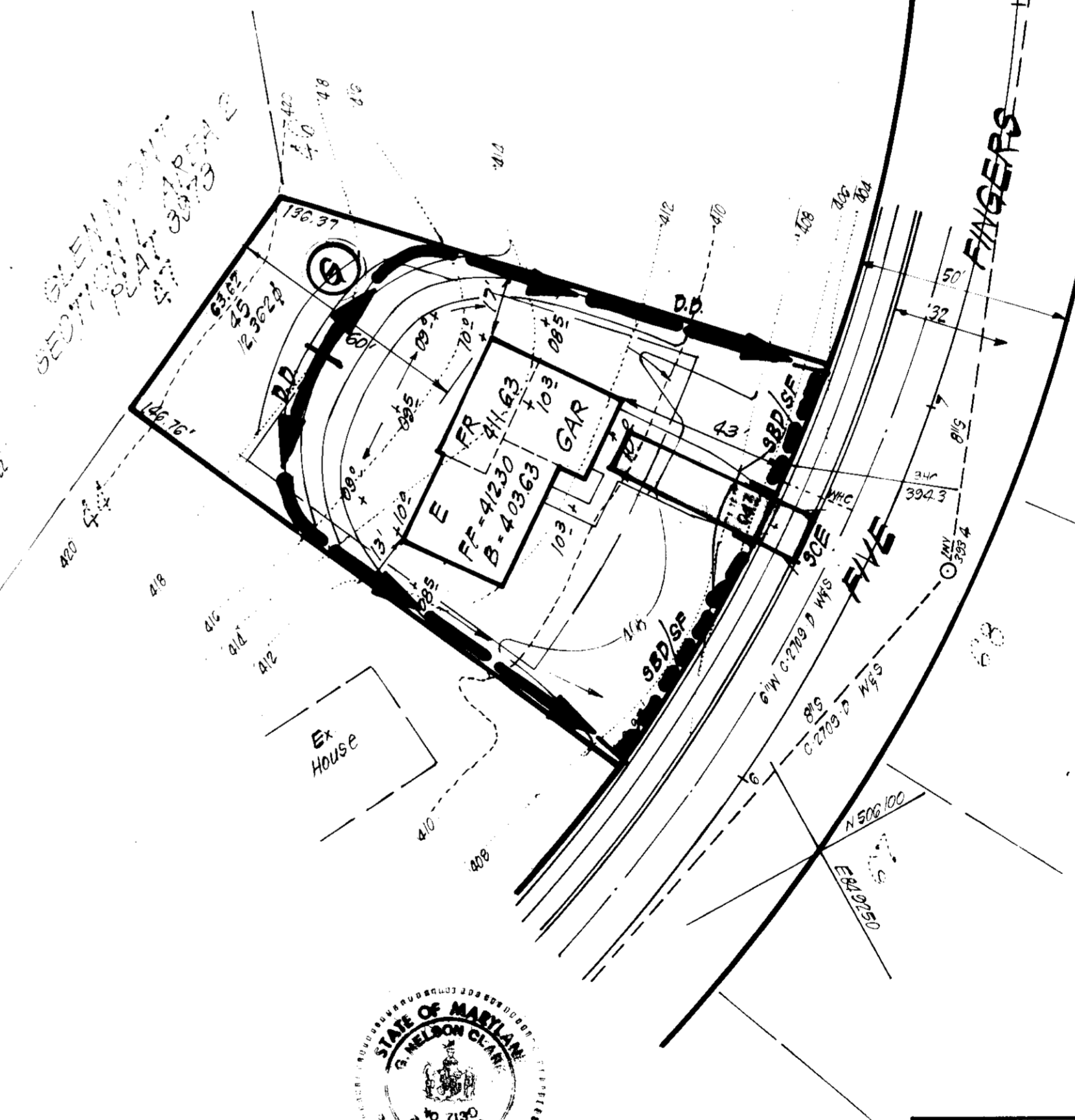
TRAP #1 S.O.S.T. (SF-3)  
 RA = 0.3 Acre  
 Storage Required = 0.3(1000) = 540 c.f.  
 Storage Provided = 540 c.f.  
 Depth = 3'  
 Top of Stone Crest = 409.0  
 Bottom Elevation = 406.0  
 Bottom Dimensions = 3' x 6'



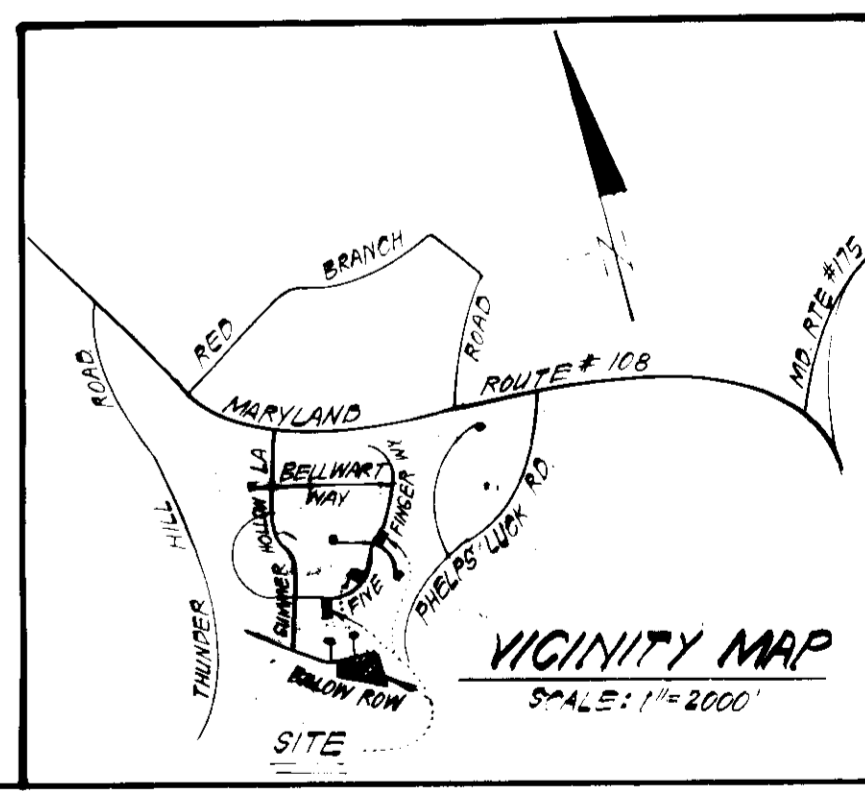
NOTE: Provide positive drainage to Existing Endwall

**LEGEND:**

1. Contour Interval 2 FT
2. Existing Contour 20
3. Proposed Contour 4.0
4. Galt Elevation 10.5
5. Direction of Drainage
6. Walk-Out Basement
7. 100% Flood Plain Elevation
8. Exist Trees to be retained
9. Perimeter Dike P.D.
10. Diversion Dike D.D.
11. Straw Bale Dike or Silt Fence S.B.D./S.F.
12. Stone Filter Inlet Protection SFIP
13. Stone Construction Entrance SCE
14. Sediment Trap



APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-18-83



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 City Health Officer: *James B. ...* 6-3-83  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 Planning Director: *James B. ...* 6-7-83  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Director: *F. Nealey* 6-1-83  
 Bureau of Engineering: *...* 6-1-83

Reviewed for: **HOWARD S.C.D.**  
 Name: *James B. ...*  
 Signature: *James B. ...* 5-25-83  
 U.S. Soil Conservation Service  
 HIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

**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.  
*R. L. Reimer* 3/18/83  
 R. L. Reimer  
*G. Nelson Clark* 3-18-83  
 G. Nelson Clark



**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	<i>BP</i>	SCALE	1" = 30'
DRAWN	<i>V.L.B. K.L.W.</i>	DRAWING	2013
CHECKED	<i>BP</i>	JOB NO.	83107
DATE	5-3-83	FILE NO.	830073E

**SEDIMENT & EROSION CONTROL PLAN**  
 LOTS 9, 10 & 12-15, BLK. D, SECT. 1, AREA 4  
 LOT 45, BLK. G AND LOT 99, BLK. E  
 SECTION 1, AREA 2  
**GLENMONT**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: RANDALL CONSTRUCTION CO. INC.  
 3821 Archer Place  
 Kensington, Md 20795

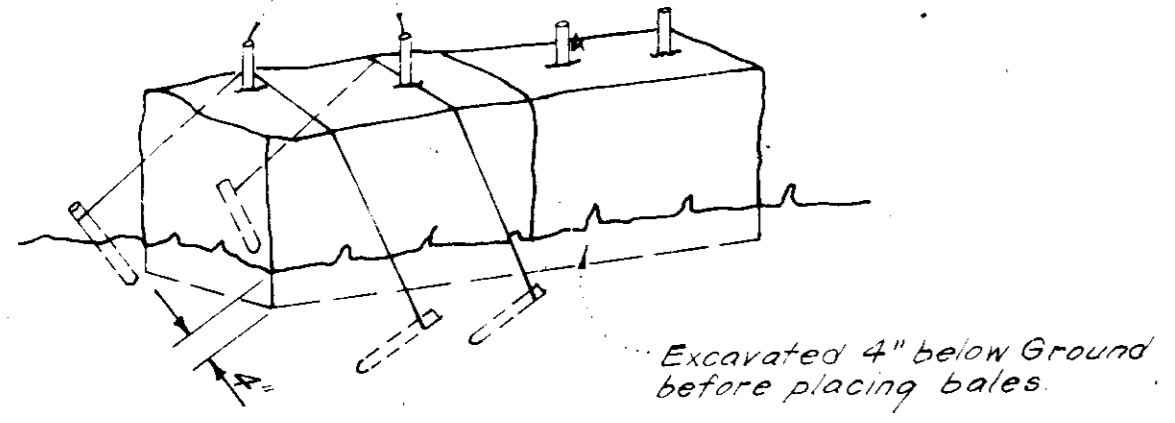
**GENERAL NOTES**

- 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 - rye 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:
  - Seed - certified 85% germination applied at the rate of 3lbs/1000 sf Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual - rye
  - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sf
  - 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
  - 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 (NA)
- Total Amount of Straw Bales or Silt Fence shown = **672** LF
- SITE ANALYSIS:
 

A. Total Area:	2.650 Acres
B. Area to be Roofed:	0.293 Acres
C. Area to be Paved:	0.310 Acres
D. Area to be Seeded:	1.554 Acres
E. Area Undisturbed:	0.493 Acres
- CONSTRUCTION SEQUENCE:
  - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
  - Excavate for Foundations and Rough Grade
  - Erect Structures, Driveways and Sidewalks
  - 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.

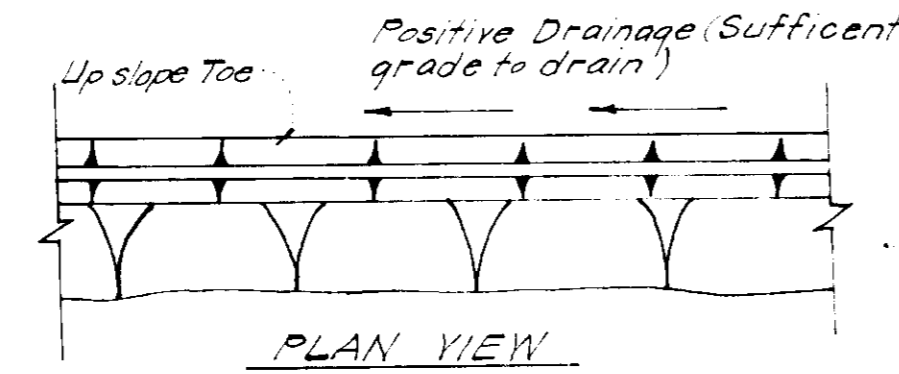
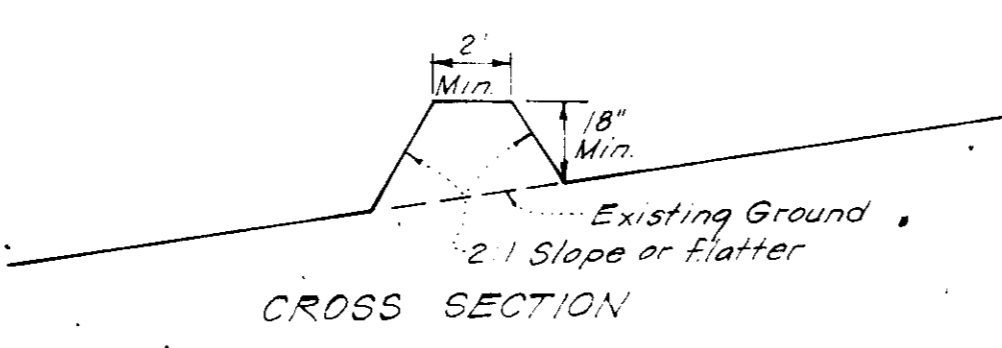
All bales shall be tied with non-weathering materials, i.e. wire nylon

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

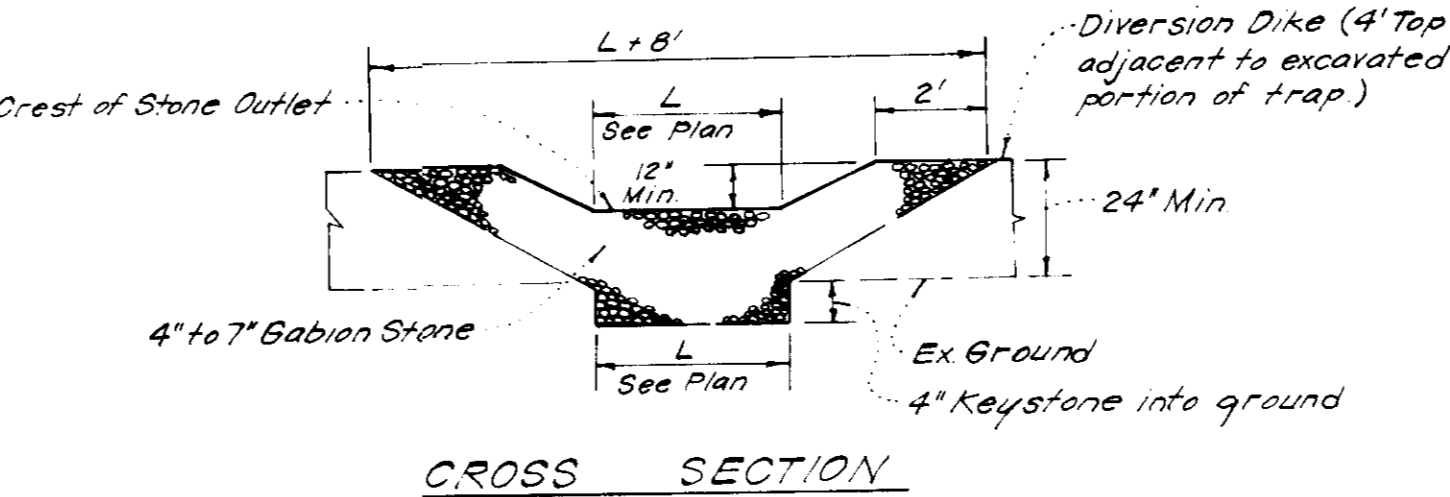
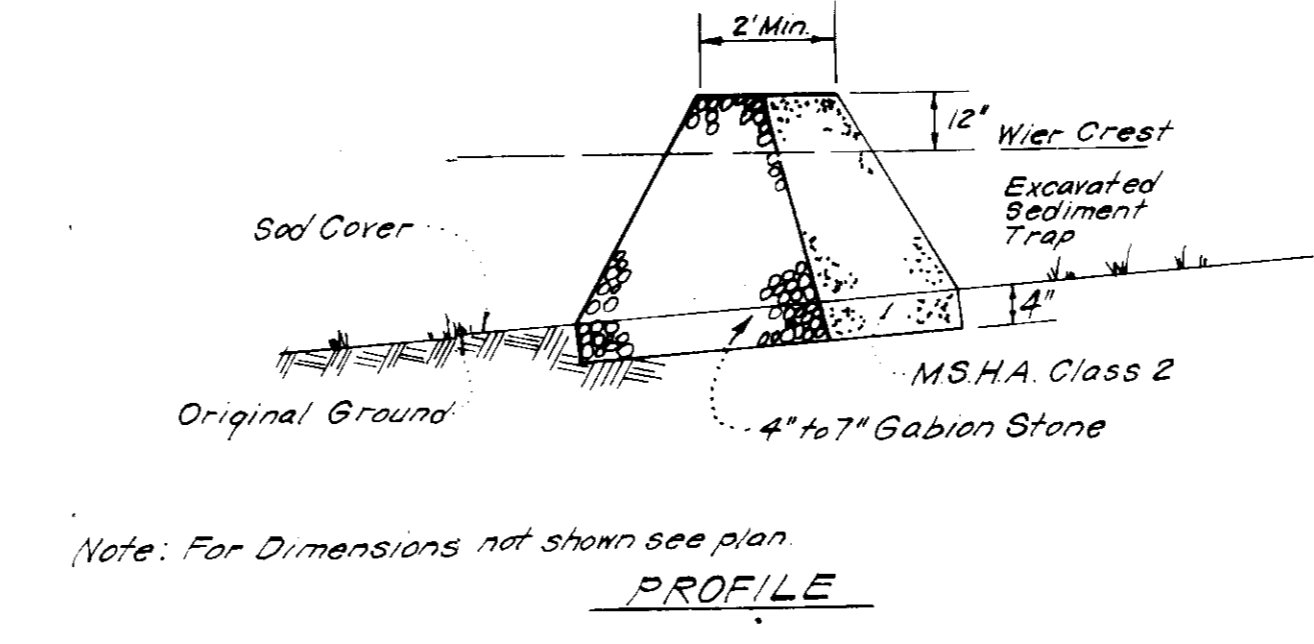


Note: In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

**STRAW BALE DIKE DETAIL (SBD)**  
No SCALE

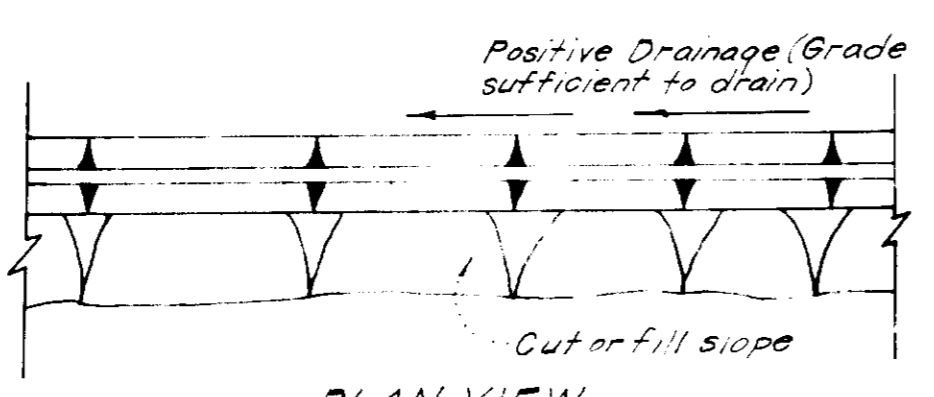
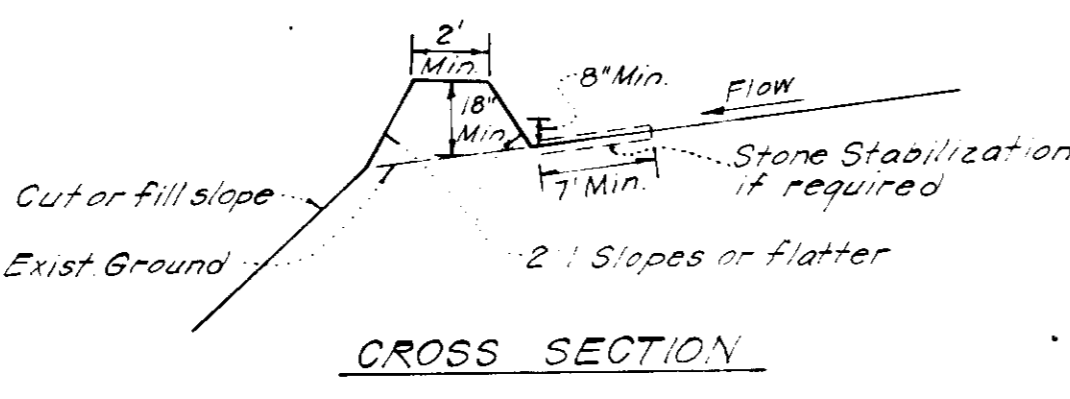


**PERIMETER DIKE (P.D.)**  
No SCALE

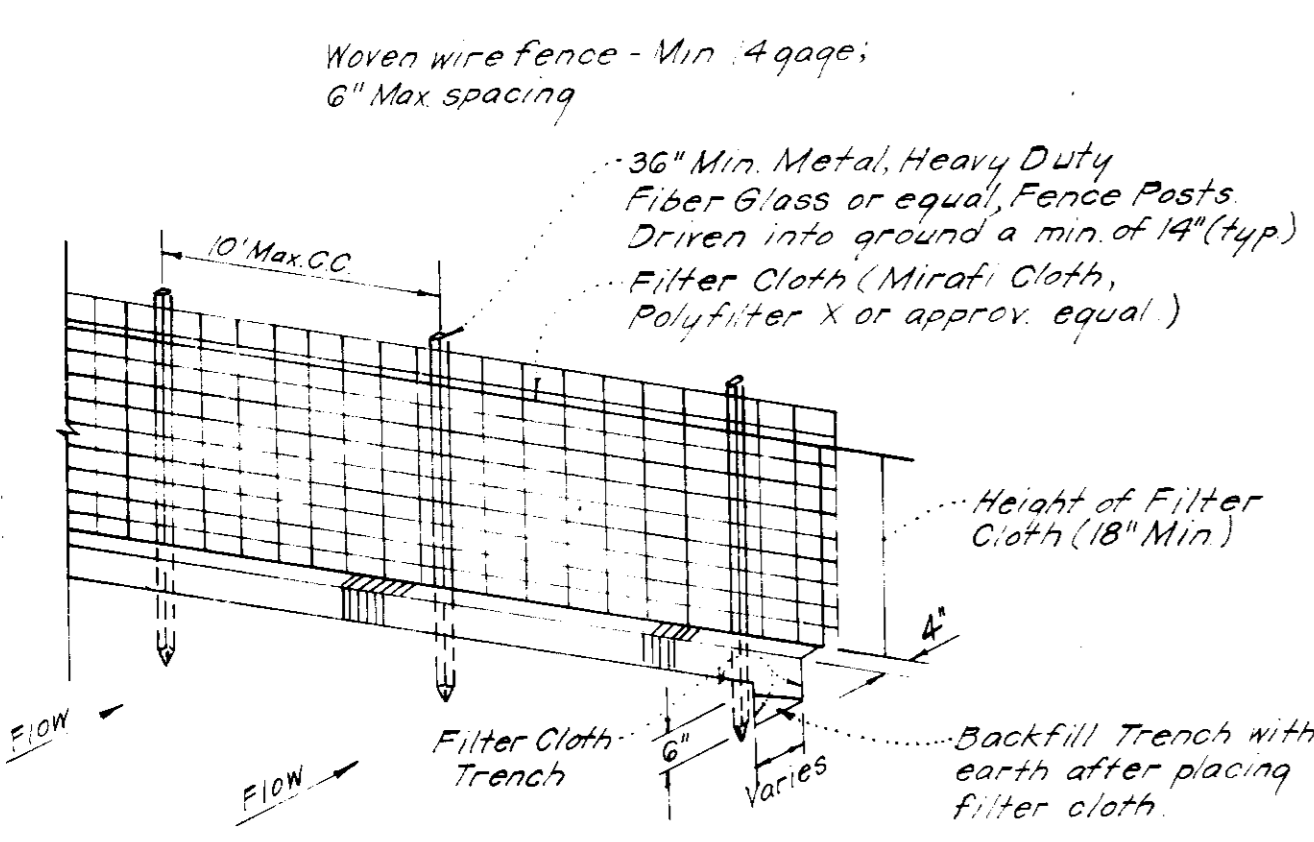


Notes:  
1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft. below crest of stone outlet.  
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.  
3. Stone Outlet to be constructed through diversion dike adjacent to excavated

**DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP**  
No SCALE

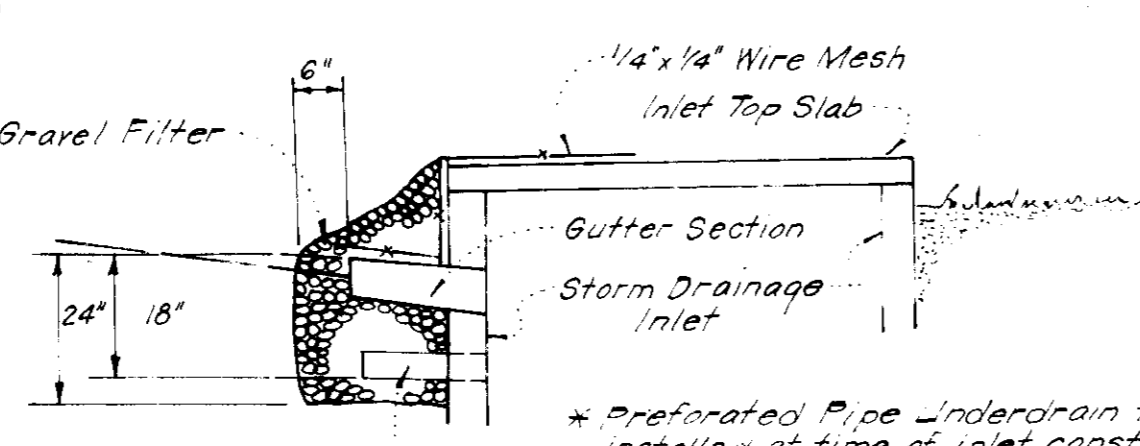
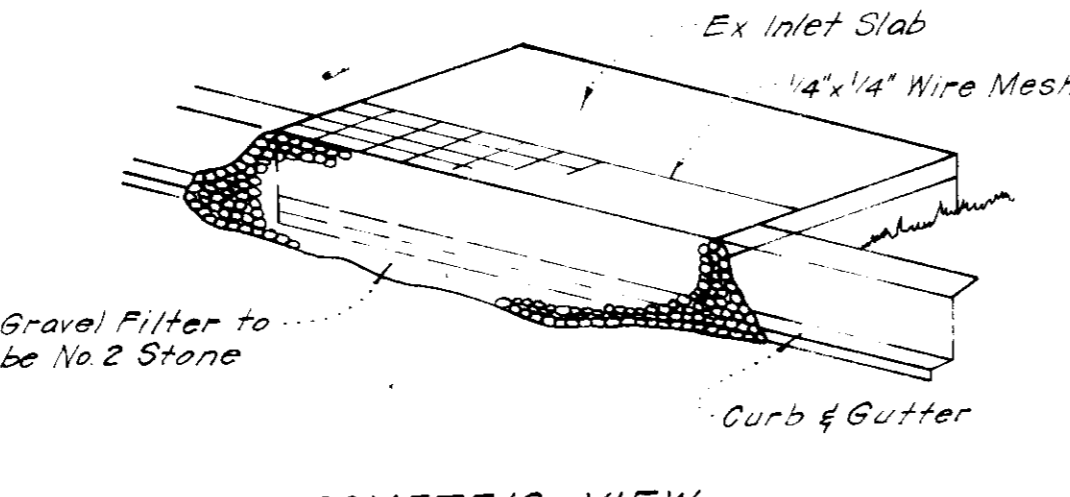


**DIVERSION DIKE (D.D.)**  
No SCALE



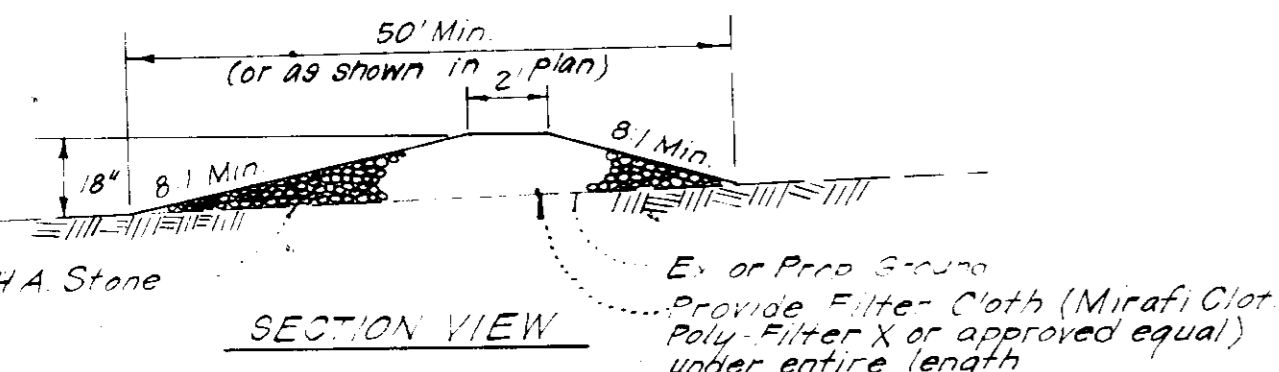
Notes:  
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
2. Filter Cloth to be fastened securely to Woven Wire by use of wire ties spaced every 24" x 24"

**SILT FENCE DETAIL (SF)**  
No SCALE

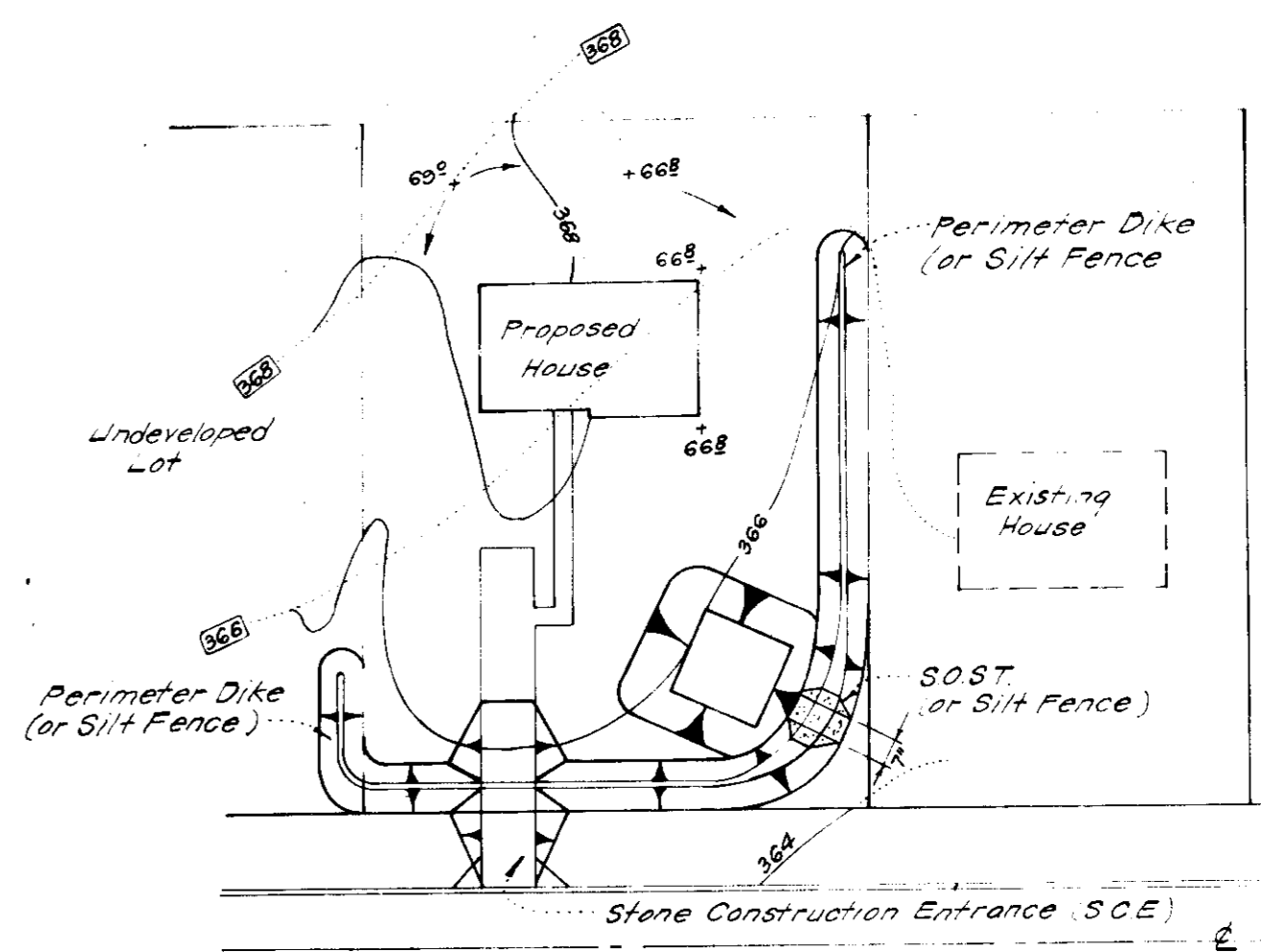


\* Prefabricated Pipe Underdrain to be installed at time of inlet construction. Do not install prefabricated pipe and stone below ground if inlet and/or paving are constructed.

**STONE FILTER INLET PROTECTION (S.F.I.P.)**  
No SCALE



**STONE CONSTRUCTION ENTRANCE (SCE)**  
No SCALE



S.O.S.T. #			
Lot Size	1/4 Ac	1/2 Ac	1 Ac
—	2'	3'	6'
Detch	2'	2'	2'
Detch Length	11'	26'	26'
Detch Width	11'	11'	26'
Detch Area	216'	2866'	6766'

**SINGLE LOT SEDIMENT CONTROL PLAN**  
No SCALE

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-18-83  
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 [Signature] 6-3-83  
 COUNTY HEALTH OFFICE  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 [Signature] 6-1-83  
 PLANNING DIRECTOR  
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 [Signature] 6-1-83  
 DIRECTOR  
 [Signature] 6-1-83  
 CHIEF BUREAU OF ENGINEERING

Reviewed for HOWARD COUNTY SCD  
 Name [Signature]  
 and meets Technical Requirements  
 [Signature] 5-25-83  
 Signature Date  
 U.S. Soil Conservation Service  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT  
 [Signature] 5-25-83  
 Date

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] 3/18/83  
 Signature of Developer/Builder  
 R.L. Reiner  
 [Signature] 5-18-83  
 Date



CLARK • FINEFROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE  
 GREENBELT, MARYLAND 20744  
 DESIGNED BY B.P.  
 DRAWN BY V.L.B.  
 CHECKED BY K.W.  
 DATE 5-3-83  
 SEDIMENT & EROSION CONTROL PLAN  
 LOTS 9, 10, & 12-15, BLK. D, SECT. 1 AREA 4  
 LOT 45, BLK. G AND LOT 82, BLK. E  
 SECTION 1 AREA 2  
 GLENMONT  
 ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: RANDALL CONSTRUCTION CO. INC.  
 3821 Archer Place  
 Kensington, Md 20795  
 SCALE: AS SHOWN  
 DRAWING: 3075  
 JOB NO.: 83-007  
 83-007 SE  
 SDP-83-139