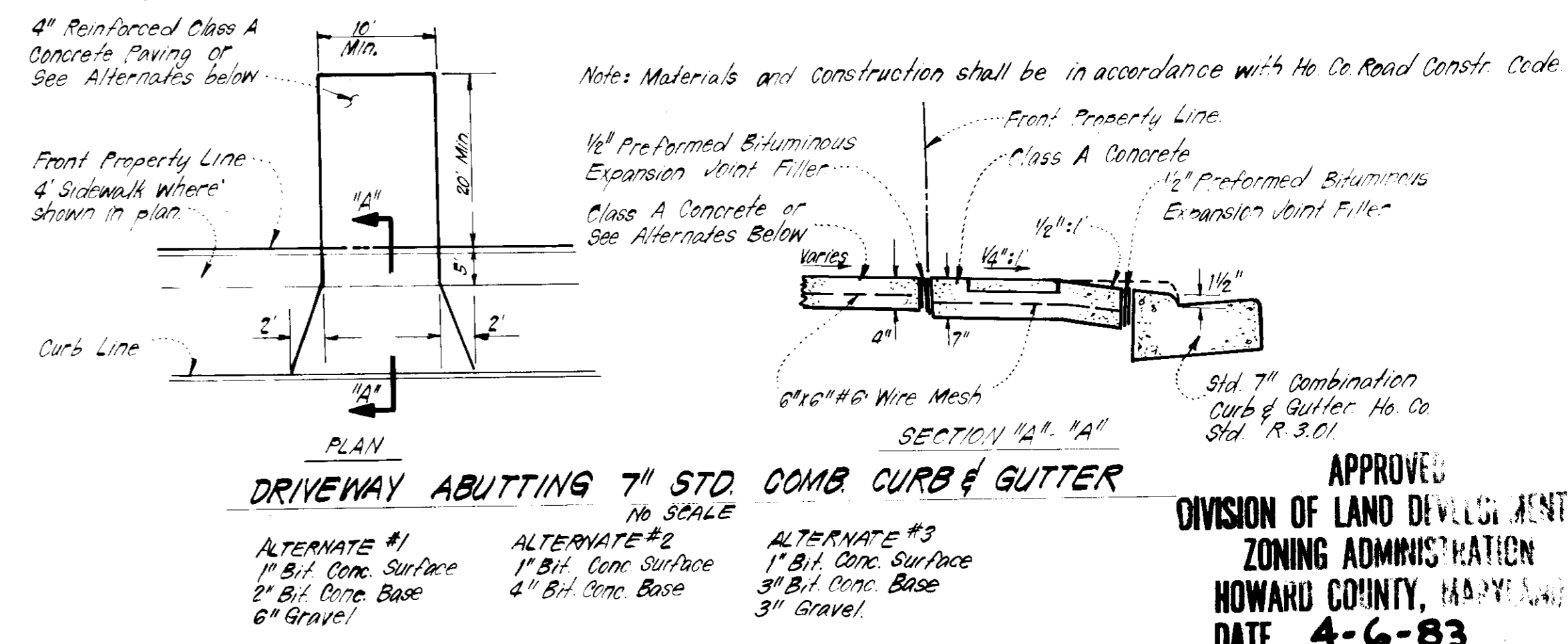
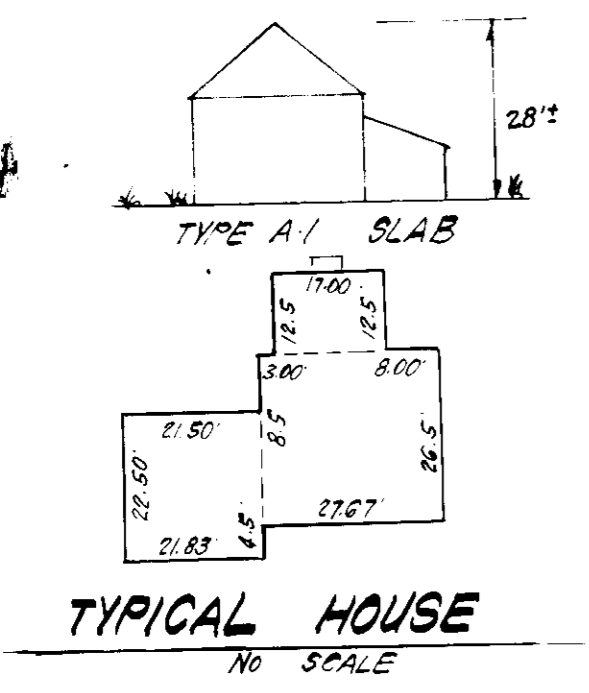


- LEGEND:**
- 1 Contour Interval 2 Ft
 - 2 Existing Contour 150
 - 3 Proposed Contour 130
 - 4 Spot Elevation +305
 - 5 Direction of Drainage

- GENERAL NOTES:**
1. The land included in this plan is zoned: R-12
 2. All Coordinates are based on traverse controls for Columbia established by W.P.S. Inc. in 1969 by Purdum & Vesichke, in 1968, which controls were tied to Maryland Bureau of Control Survey Monuments to U.S. Coast & Geodetic Survey Monuments in the Columbia Area.
 3. The area covered is located on Tax Map #30.
 4. The total area included on this plan is 1.682 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: Plat No 3972.
 8. Total number of Lots: 5



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
M. D. O'Connell 4-19-83
HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Donald F. Sackett 4-21-83
ZONING DIRECTOR DATE

APPROVED: DIVISION OF LAND DEVELOPMENT/ZONING ADMIN
James F. Danner 4-21-83
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James F. Danner 4-19-83
DIRECTOR DATE

APPROVED: OFF BUREAU OF ENGINEERING
James F. Danner 4-19-83
DATE

DRIVEWAY ABUTTING 7" STD. COMB. CURB & GUTTER
No SCALE

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

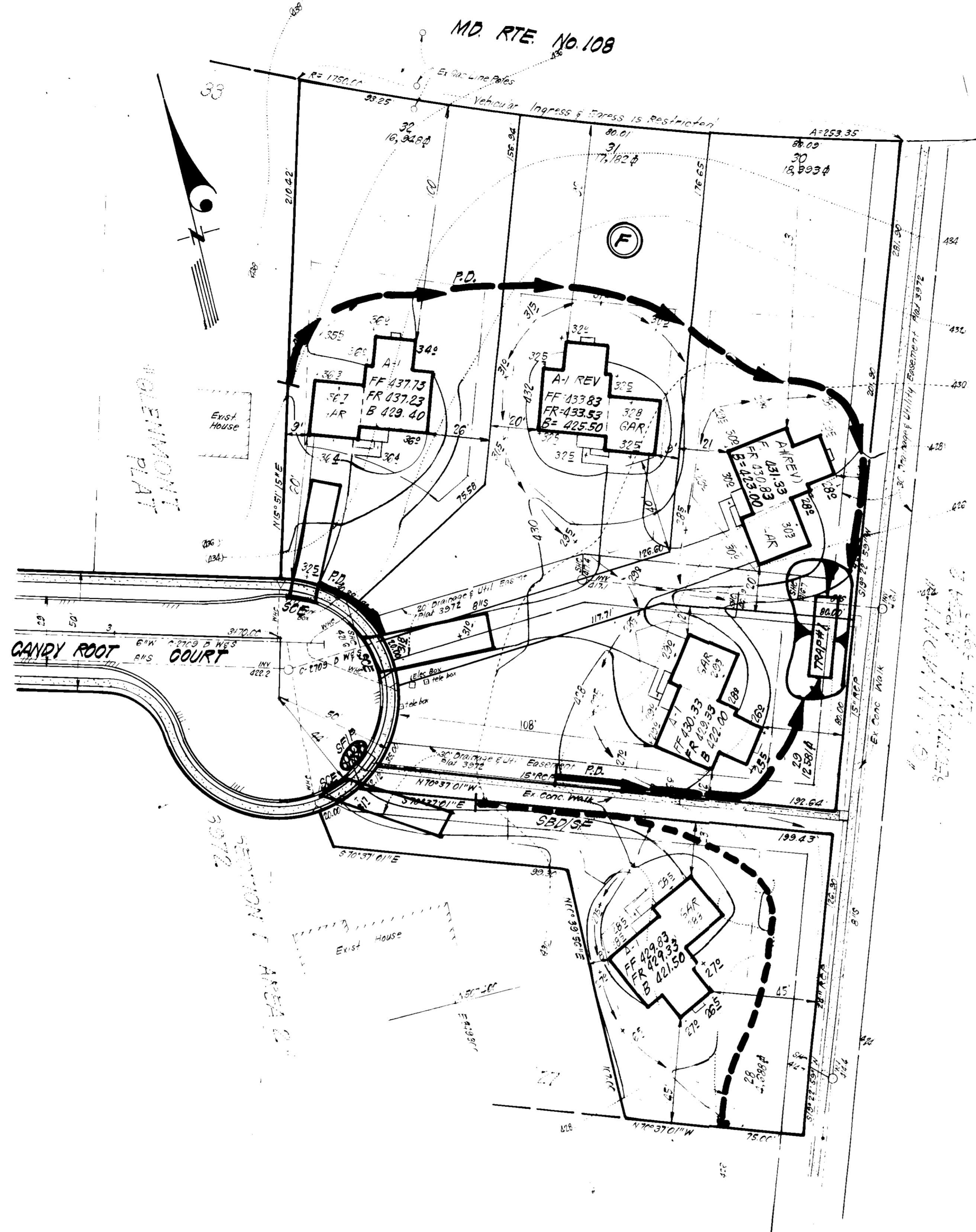
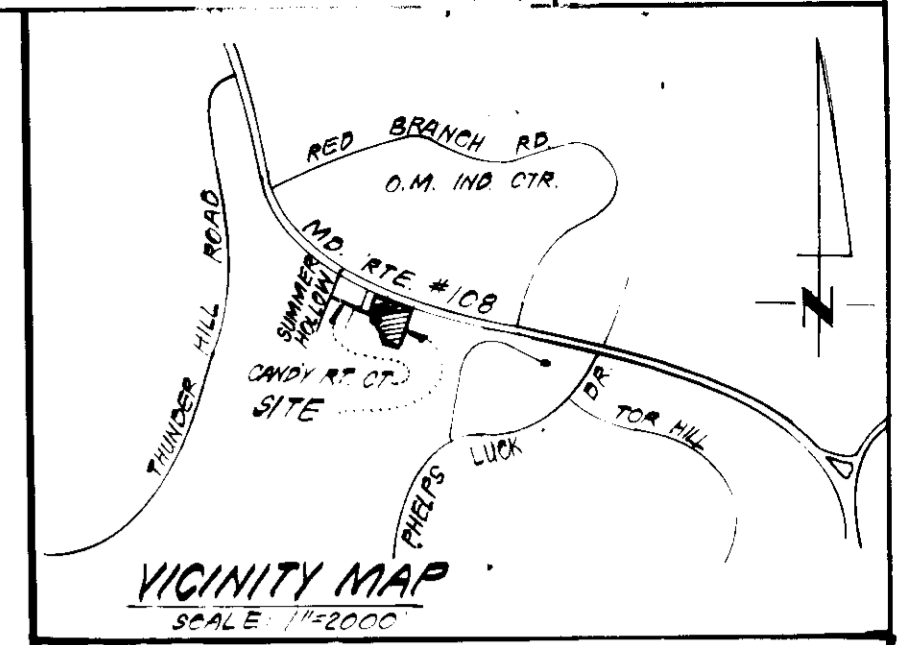
ALTERNATE #2
1" Bit. Conc. Surface
4" Bit. Conc. Base

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

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-6-83
M. D. O'Connell

PLAT REF 3972

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11345 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	SITE DEVELOPMENT PLAN LOTS 28 THRU 32 BLK F	SCALE 1"=30'
DRAWN	GLENMONT	DRAWING 10F3
K/I/W		JOB NO. 82-028
CHECKED	SECTION 1 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 82-028-X
DATE	FOR: M.P. OF MARYLAND, INC. 7243 SWAN POINT WAY Columbia, Md 21045	
3.9.83		



- LEGEND:**
- 1. Contour Interval 2'F
 - 2. Existing Contour 430
 - 3. Proposed Contour 430
 - 4. Spot Elevation 1305
 - 5. Direction of Drainage
 - 6. Perimeter Dike
 - 7. Straw Bale Dike or Silt Fence
 - 8. Stone Filter Inlet Protection
 - 9. Stone Construction Entrance
 - 10. Sediment Trap

TRAP #1 S1ST (ST-4)
 D.A. = 1.0 ACPB
 Storage Required = 1.0(1800) = 1800 CF
 Storage Provided = 1800 CF
 Depth = 3'
 Crest Elev = 423.7
 Bottom Elev = 420.7
 Bottom Dimensions = 34' x 9'

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 4-6-83
 JLD

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 HEALTH OFFICER: *M. Boyd, M.D.* Date: 4-19-83
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *James F. Adams* Date: 4-21-83
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *W. J. Nunn* Date: 4-19-83
 COUNTY BUREAU OF ENGINEERING
 ENGINEER: *M. J. ...* Date: 4-18-83

Reviewed for: *Howard* S.C.D.
 Name: *Howard*
 and meets Technical Requirements
 Signature: *Robert C. Goodler* Date: 4-15-83
 U.S. Soil Conservation Service
 NO DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.
 Approved: *Robert C. Goodler* Date: 4-15-83

CONTRACTOR'S/BUILDER'S CERTIFICATE
 I hereby certify that all development and construction will be done
 in accordance with the plan of development and plan for erosion and sediment
 control and that all responsible personnel involved in the construction
 will have a Certificate of Attendance at a Dept. 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
 agents, as are deemed necessary.
 Signature: *Robert C. Goodler* VP Date: 3/10/83
 Robert C. Goodler

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 Conserva-
 tion District.
 Signature: *G. Nelson Clark* Date: 3-10-83
 G. Nelson Clark



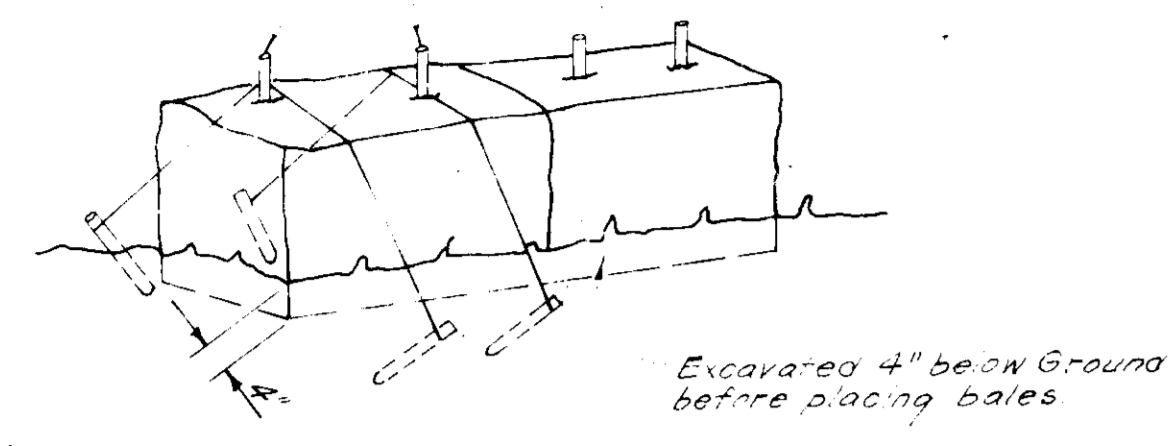
CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400				
DESIGNED	JLS	SEDIMENT & EROSION CONTROL PLAN LOTS 28 THRU 32 BLK. F GLENMONT	SCALE	1" = 30'
DRAWN	R/W		DRAWING	2 OF 3
CHECKED	JLS	SECTION 1 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.	82-028
DATE	3-10-83	FOR: M.P. OF MARYLAND, INC. 7243 SWAN POINT WAY Columbia, Md 21045	FILE NO.	82-028 SE

GENERAL NOTES

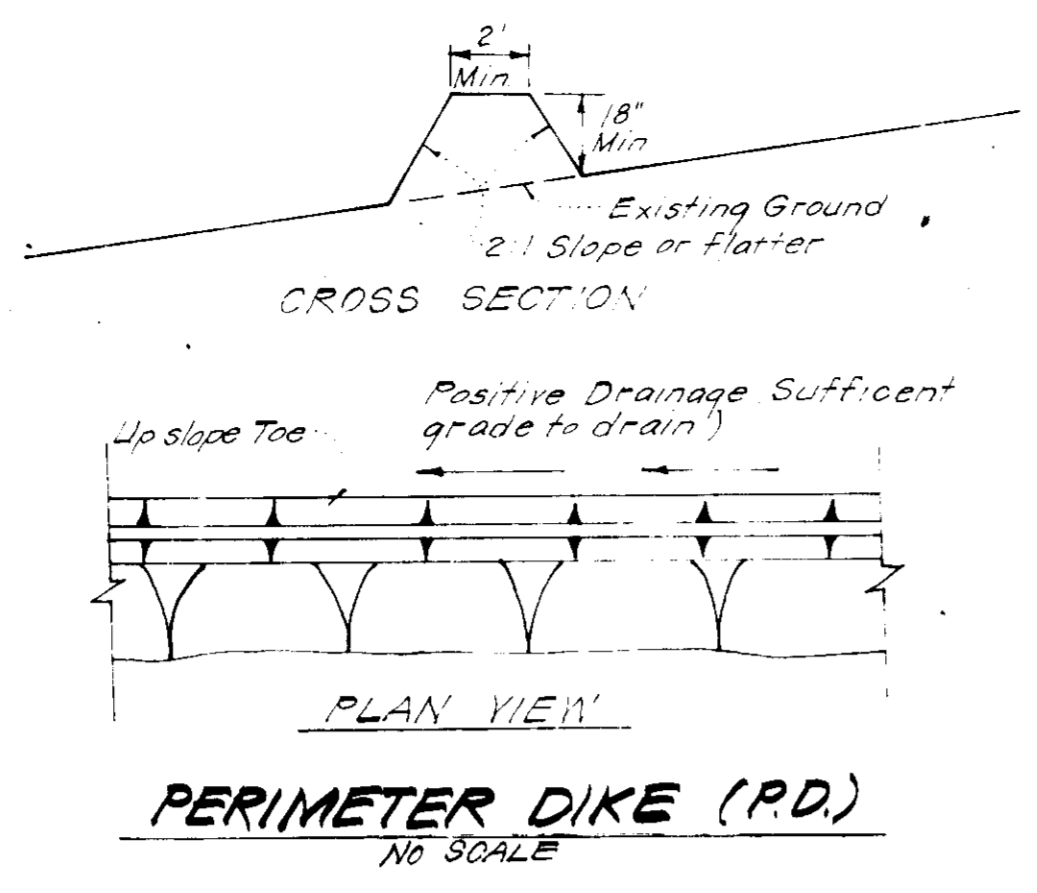
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized in accordance to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be applied at a rate of 4 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% Chemina Fescue, 20% Kentucky 31 and 20% annual rye.
 - 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 70-80 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder etc.
 - D. All Seed 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 from the 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 = 250 =
- SITE ANALYSIS:
 - A. Total Area: 1.832 Acres
 - B. Area to be Roofed: 0.164 Acres
 - C. Area to be Paved: 0.172 Acres
 - D. Area to be Seeded: 0.936 Acres
 - E. Area Undisturbed: 0.560 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-Bid" basis at various stages, Sediment Control as shown on this sheet, shall be implemented.

Bales shall be tied with non-weathering materials i.e. wire nylon

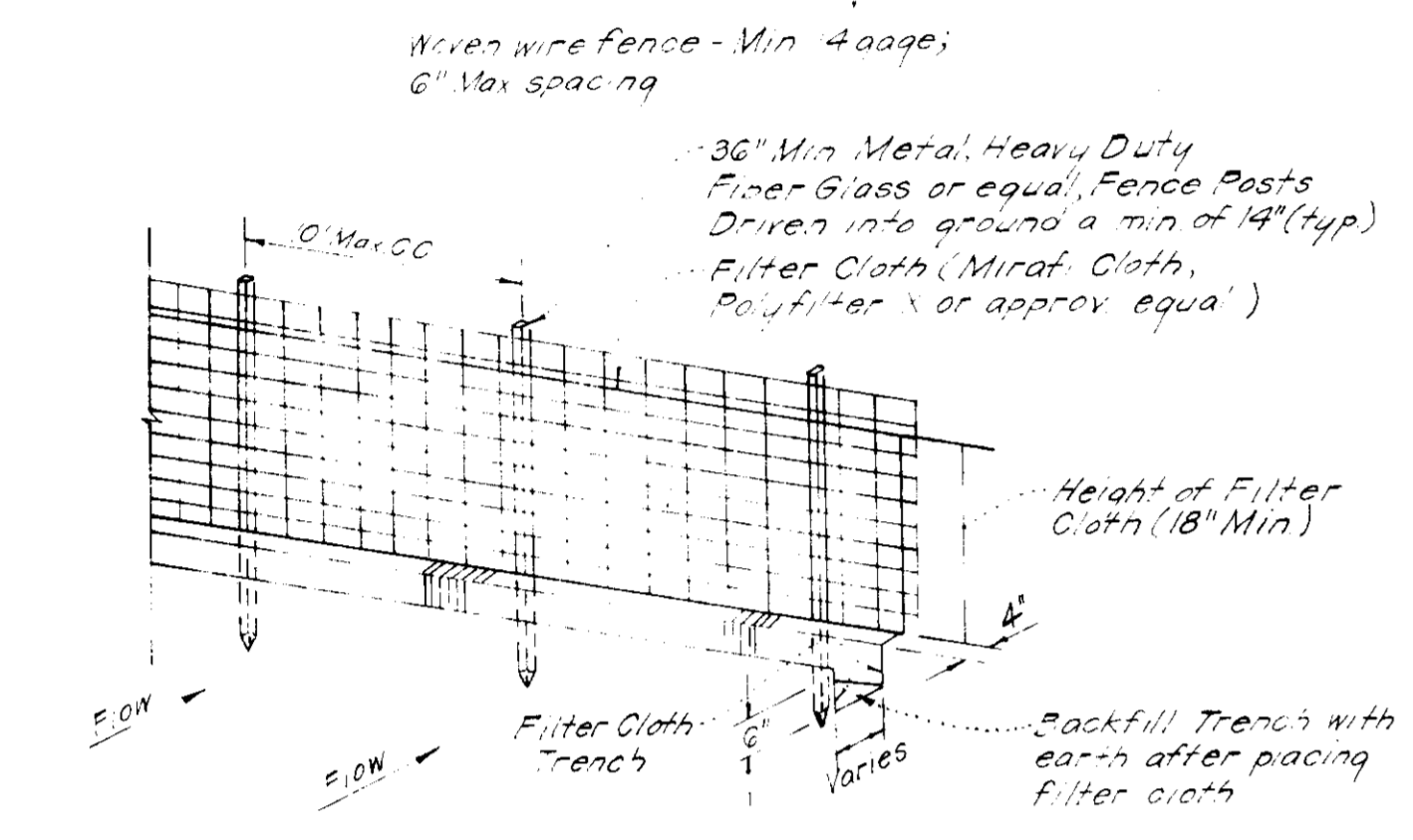
Rebars or wooden stakes driven through each bale 1/2" - 2" into ground. Rebars to be driven flush with top of bales.



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

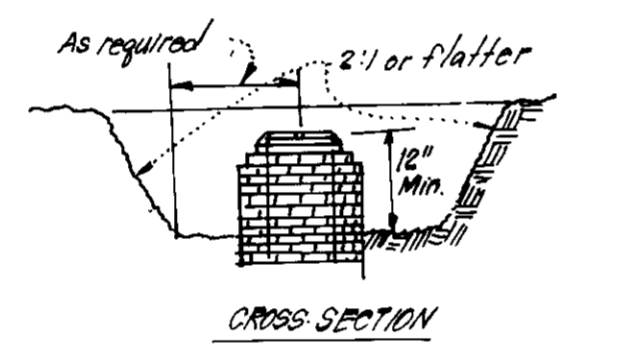
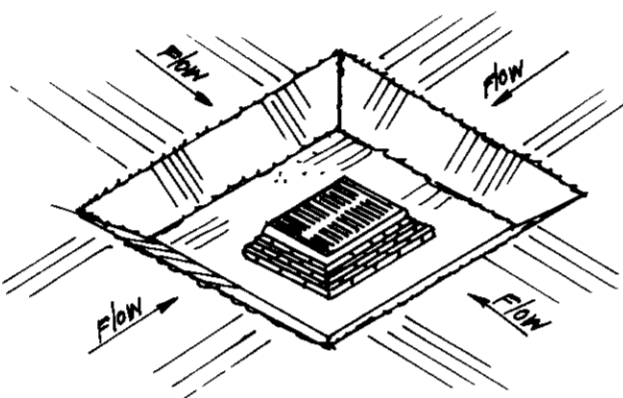


PERIMETER DIKE (P.D.)
No SCALE

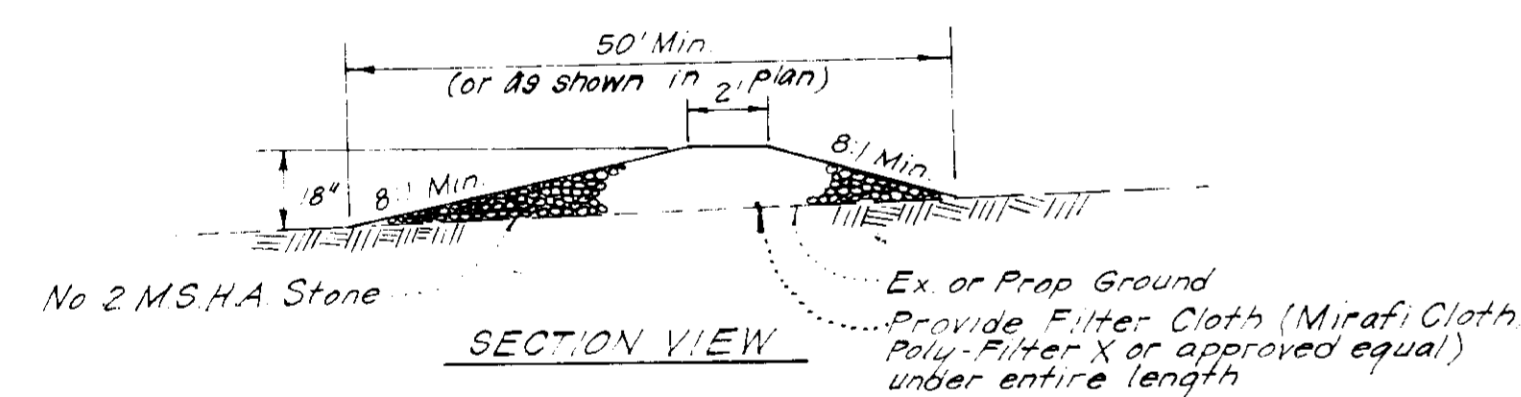


Notes:
1. Woven wire fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to woven wire by use of wire ties spaced every 24" x 24".

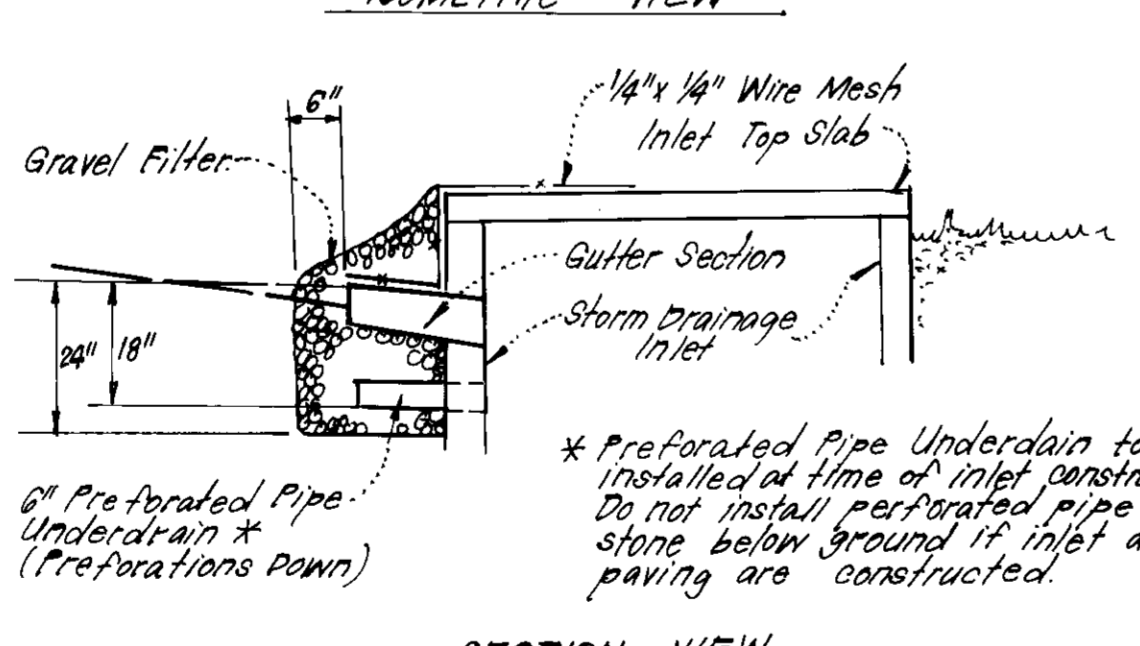
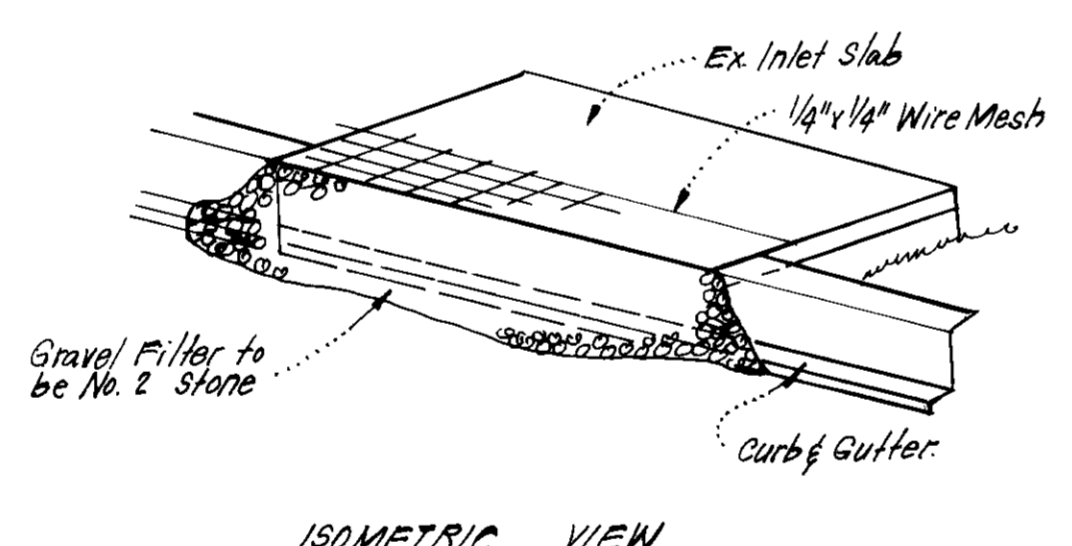
SILT FENCE DETAIL (SF)
No SCALE



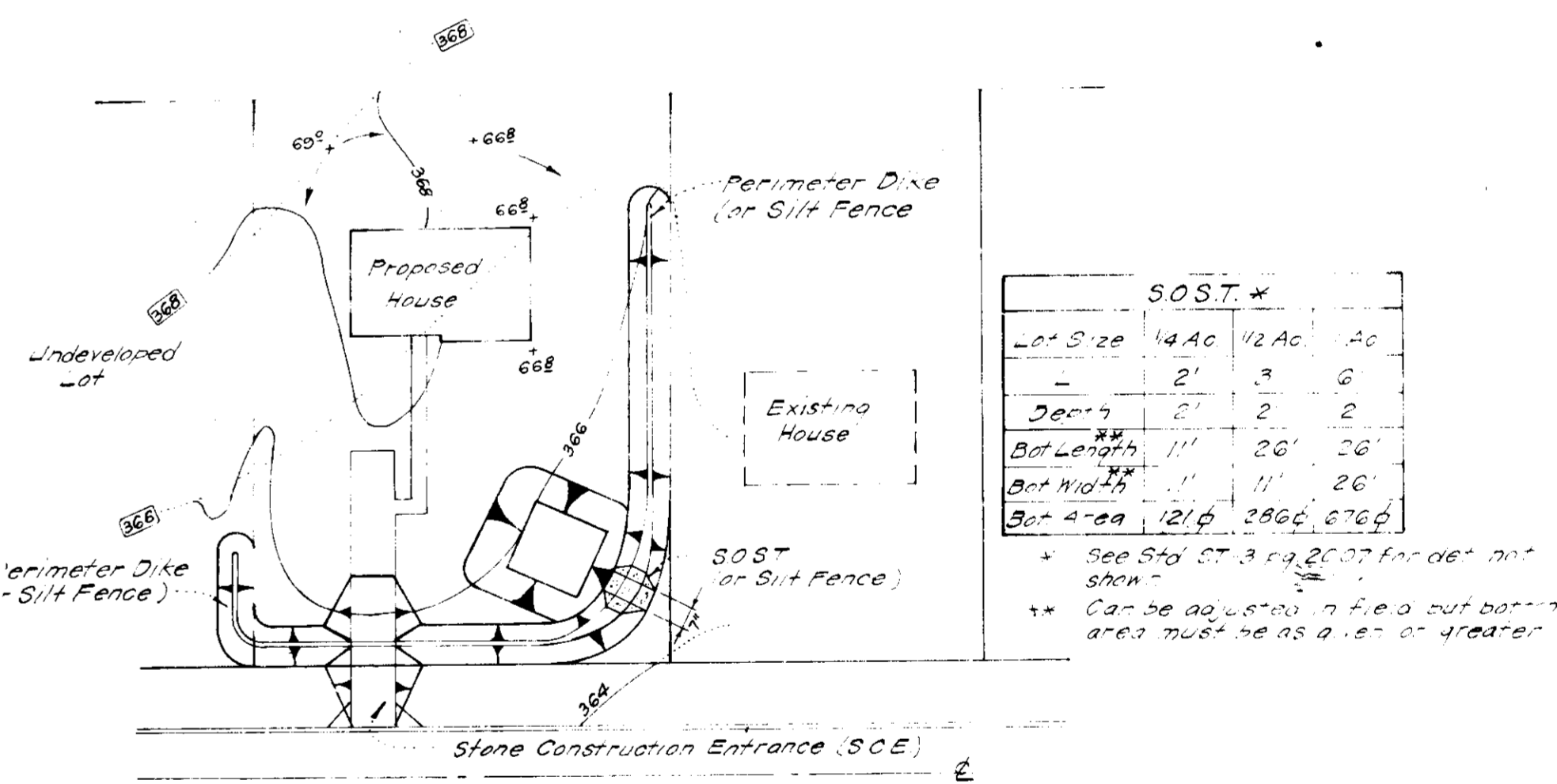
STORM INLET SEDIMENT TRAP (S.I.S.T.)
No SCALE



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



STONE FILTER INLET PROTECTION (SFIP)
No SCALE



SINGLE LOT SEDIMENT CONTROL PLAN
No SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-6-83
J.F.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 4-19-83

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 4-21-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 4-19-83

CHIEF BUREAU OF ENGINEERING
DATE 4-19-83

Reviewed for... Approved... S.C.D.
Name: Robert C. Goodier
Signature: [Signature]
Date: 4-15-83
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEERS 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.

Robert C. Goodier v.p. 3/10/83
Robert C. Goodier

ENGINEERS 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.

G. Nelson Clark 3-10-83
G. Nelson Clark



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWING DRIVE
COLUMBIA, MARYLAND 21044

DESIGNED: JLS
DRAWN: K/W
CHECKED: JLS
DATE: 3-11-83

SEDIMENT & EROSION CONTROL PLAN
LOTS 28 THRU 32 BLK F
GLEMONT

SECTION 1 AREA 2
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: M.P. OF MARYLAND, INC.
7043 SWAN POINT WAY
Columbia, Md 21045

SCALE: AS SHOWN
DRAWING: 30FS
JOB #: 82-028
DATE: 82-028-SE

SDP-83-134