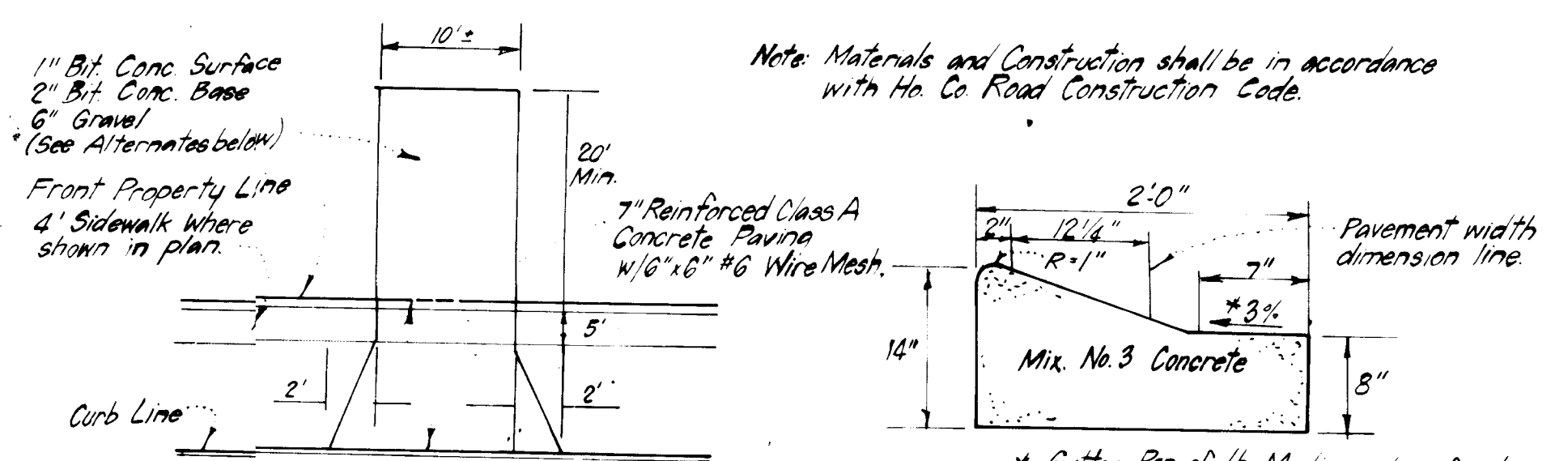


LOT NUMBER	STREET ADDRESS
1	7112 RIVERS EDGE ROAD
2	7116 " " "
3	7120 " " "
4	7115 NEWBERRY DRIVE
5	7111 " " "
6	7110 " " "
7	7114 " " "
8	7134 RIVERS EDGE ROAD
9	7138 " " "
10	7142 " " "
11	7146 " " "
12	7150 " " "
13	7154 " " "
14	7158 " " "
15	7162 " " "
16	7161 " " "
17	7153 " " "
18	7147 " " "
19	7141 " " "
20	7135 " " "
21	7131 " " "
22	7127 " " "
23	7123 " " "
24	7119 " " "
25	7115 " " "
26	7111 " " "

- GENERAL NOTES:**
- The land included in this plan is Zoned R-20.
 - Coordinates shown are based on the Maryland State Grid System.
 - Total number of lots: 26.
 - The area covered is located on Tax Map #41.
 - All roadways are public and existing.
 - Any damage to County owned rights of way shall be corrected at the developers expense.
 - Total area of lots shown: 10.37 Acres.

- LEGEND:**
- Contour Interval 2ft
 - Existing Contour [Symbol]
 - Proposed Contour [Symbol]
 - Spot Elevation [Symbol]
 - Direction of Drainage [Symbol]
 - Existing Trees to be Retained [Symbol]
 - Walk Out Basement [Symbol]



DRIVEWAY ABUTTING MOD. COMB CURB & GUTTER

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

ALTERNATE #2
1 1/2" Bit Conc Surface
3" Bit Conc Base
3" Gravel

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
RIVERSIDE	1/2	Lots 1-26
PLAT/BLK/BLK #	ZONE	TAX/DISTRICT
5793	R-20	41 574 6051
WATER CODE	SEWER CODE	
E22	6480000	

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-17-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-21-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 5-22-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 5/17/84

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

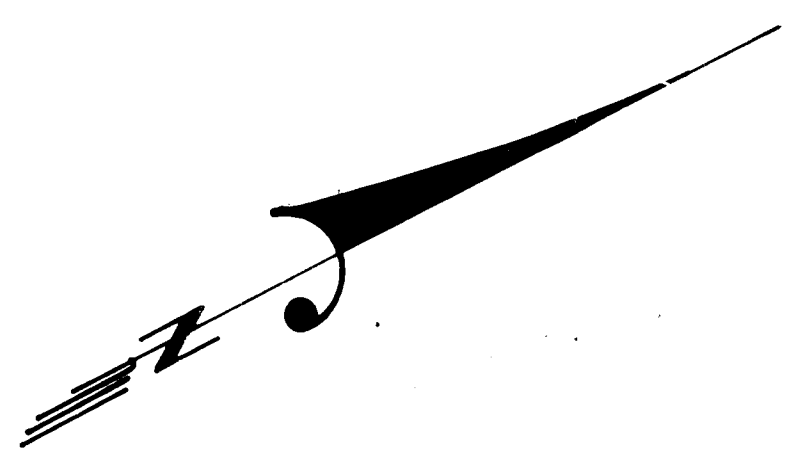
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 583-3400

DESIGNED: J.M.E.
DRAWN: V.L.B., B.A.F.
CHECKED: J.M.E.
DATE: 3-9-84

SCALE: 1" = 30'
DRAWING: 1 of 5
JOB NO.: 82-027
FILE NO.: 82-027X

FOR: STANLEY HALLE COMM. INC.
9332 Annapolis Rd
Lanham Md 20801





STANLEY HALLE COMMUNITIES, INC.
 L. 1137 F.051
 ZONED R-20

RIVERSIDE PLAT
 3818-A
 RECORDED 8-20-80

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 4-17-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE
 DATE 5-21-84

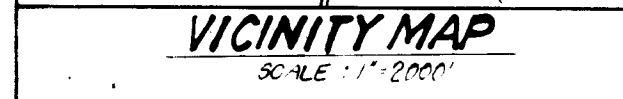
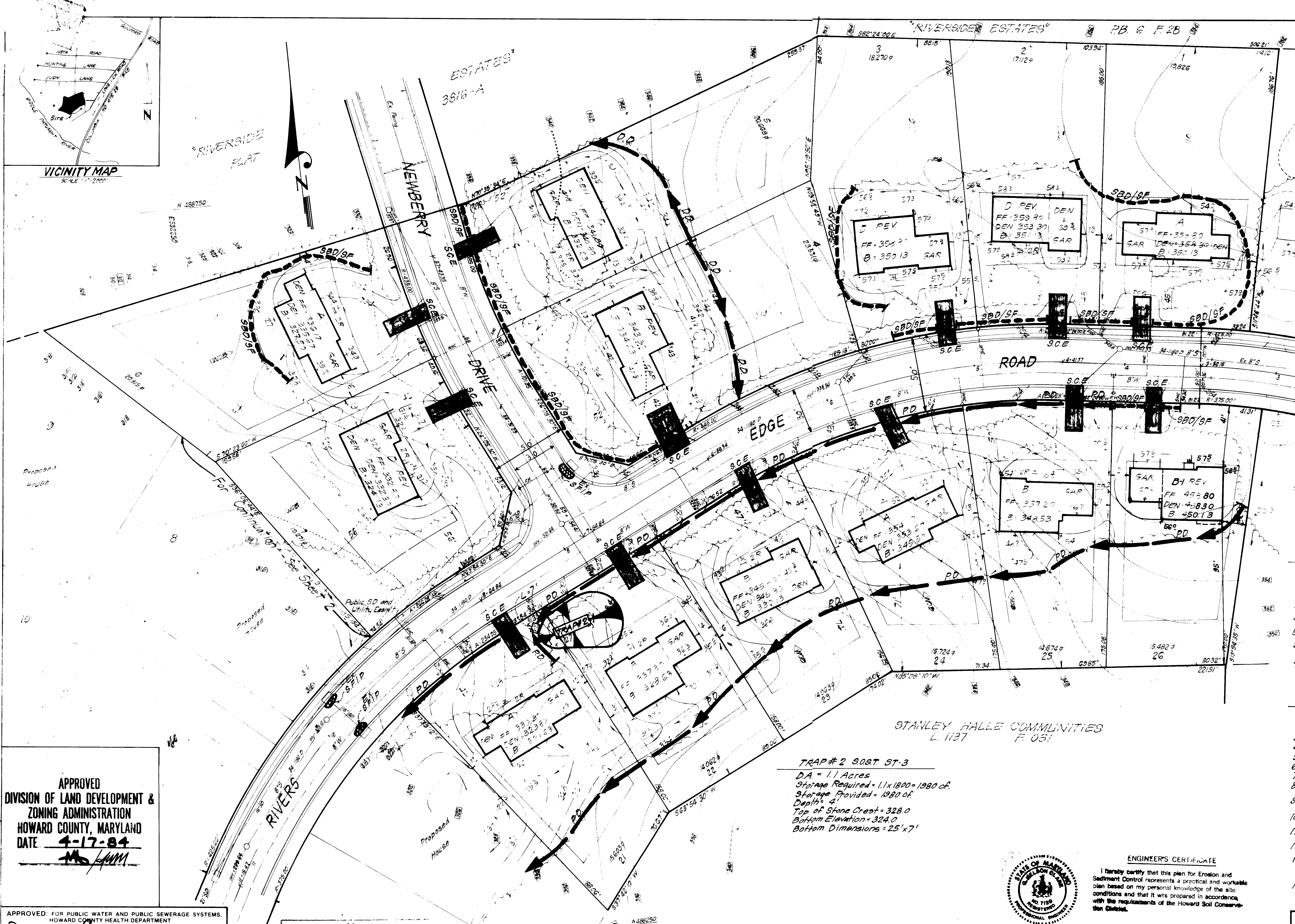
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 5-22-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 5-17-84



CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS		SCALE 1"=30'
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 1 THROUGH 26 RIVERSIDE SECTION ONE AREA TWO 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 2 of 5
DRAWN V.L.B. B.A.F.		JOB NO. 82-027
CHECKED J.M.E.		FILE NO. 82-027-A
DATE 3-9-84		FOR: STANLEY HALLE COMM., INC. 9332 Annapolis Rd. Lanham, Md. 20601

SDP-84-227



- GENERAL NOTES:**
1. The land included in this plan is Zoned R-20.
 2. Coordinates shown are based on the Maryland State Grid System.
 3. Total number of lots: 26.
 4. The area covered is located on Tax Map #41.
 5. All roadways are public and existing.
 6. Any damage to County owned rights of way shall be corrected at the developers expense.
 7. Total area of lots shown: 10.37 Acres.

- LEGEND:**
1. Contour Interval 2 FT.
 2. Existing Contour 340
 3. Proposed Contour 340
 4. Spot Elevation +40±
 5. Direction of Drainage
 6. Existing Trees to be Retained
 7. Walk-out Basement
 8. Perimeter Dike
 9. Straw Bale Dike/Silt Fence
 10. Stone Construction Entrance
 11. Stone Filter Inlet Protection (Existing)
 12. Diversion Dike
 13. Stone Outlet Sediment Trap
 14. Interceptor Swale

TRAP #2 SOUT ST-3
 DA = 1.1 Acres
 Storage Required = 1.1 x 1800 = 1980 cf
 Storage Provided = 1980 cf
 Depth: 4'
 Top of Stone Crest = 328.0
 Bottom Elevation = 324.0
 Bottom Dimensions = 25' x 7'



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.

G. Nelson Clark 3-12-84
 Date

"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 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 authorized agents, as are deemed necessary."

Stanley Halle 3-12-84
 Date

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 4-17-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER 5-21-84
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR 5-22-84
 CHIEF DIVISION OF LAND DEV & ZONING ADMIN 5-22-84
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR 5-16-84
 CHIEF BUREAU OF ENGINEERING 5-16-84

Reviewed for Howard S.C.D.
 Name
 and meets Technical Requirements
 Signature 5-10-84
 U.S. Soil Conservation Service Date

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

Jay K. Bennett 5-10-84
 Approved Date

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

DESIGNED	J.L.S.	SCALE	1"=30'
DRAWN	V.L.B.	DRAWING	3 of 5
CHECKED	J.L.S.	JOB NO.	82-027
DATE	4-25-84	FILE NO.	82-027SE

FOR STANLEY HALLE COMM INC
 9332 Annapolis Rd
 Lanham Md 20801

SDP-84-227

SUBDIVISION NAME	RIVERSIDE	SECT./AREA	1/2	LOT/PARCEL #	6051
PLAT #/DATE	5793/11	ZONE	R-20	TAX/ZONE MAP	41
WATER CODE	E22	SEWER CODE	6480000	BLDG DIST	CEV/US TR

TRAP # 1303T ST-3

DA = 16 Acres
 Storage Required = 16 x 1800 = 2880 cf
 Storage Provided = 2880 cf
 Depth = 4'
 Top of Stone Crest = 297.0
 Bottom Elevation = 293.0
 Bottom Dimensions = 52' x 4'

DEVELOPER'S/BUILDER'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 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 authorized agents, as are deemed necessary."
 Stanley Halle
 Signature of Developer/Builder
 STANLEY HALLE
 3-12-84
 Date

STANLEY HALLE COMMUNITIES, INC.
 L 1137 F051

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

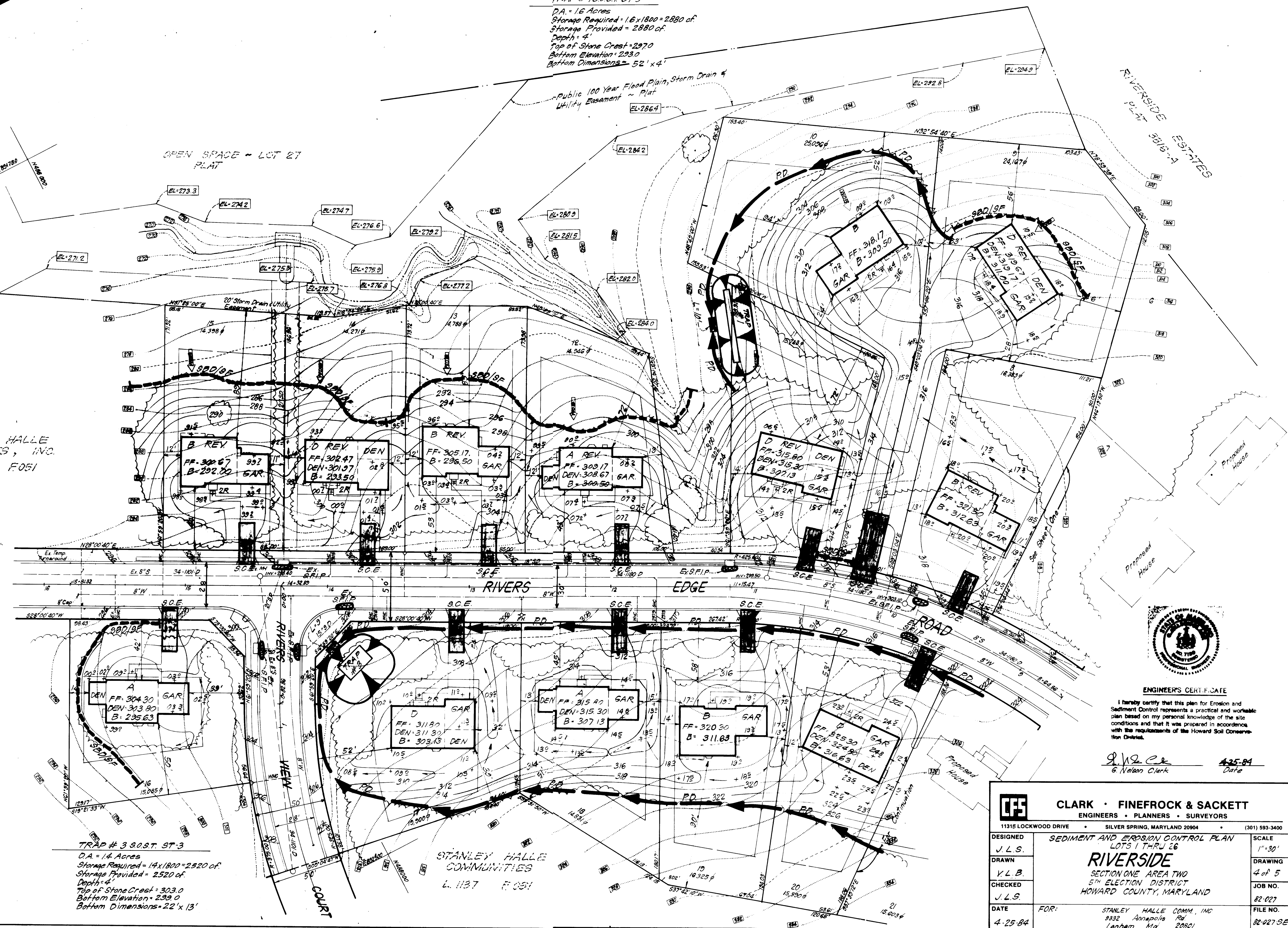
Joseph K. [Signature]
 Approved
 5-10-84
 Date

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 4-17-84
 [Signature]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer
 DATE 5-21-84
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Planning Director
 DATE 5-22-84
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director
 DATE 5-16-84

TRAP # 3303T ST-3
 DA = 14 Acres
 Storage Required = 14 x 1800 = 2520 cf
 Storage Provided = 2520 cf
 Depth = 4'
 Top of Stone Crest = 303.0
 Bottom Elevation = 299.0
 Bottom Dimensions = 22' x 13'

STANLEY HALLE COMMUNITIES
 L 1137 F051



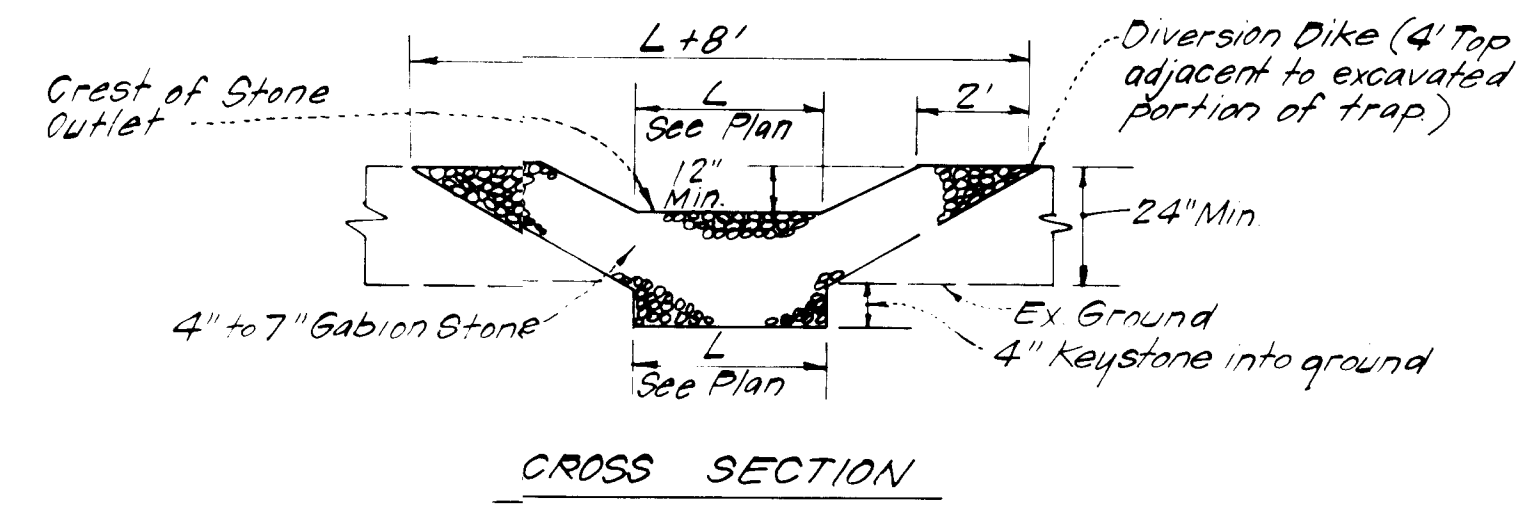
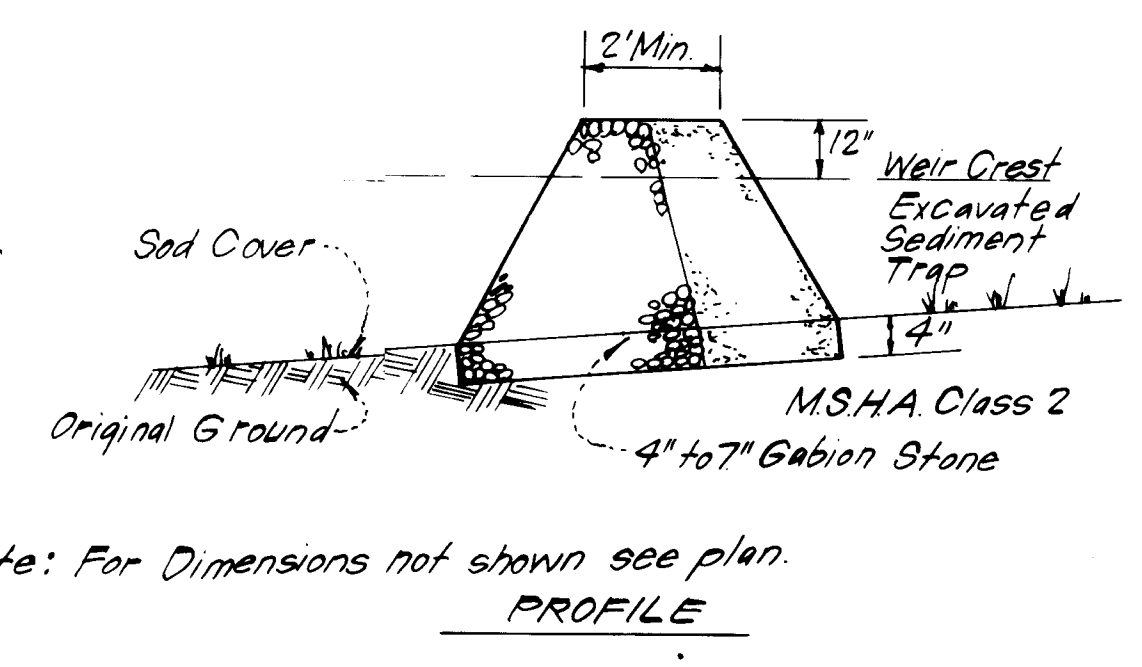
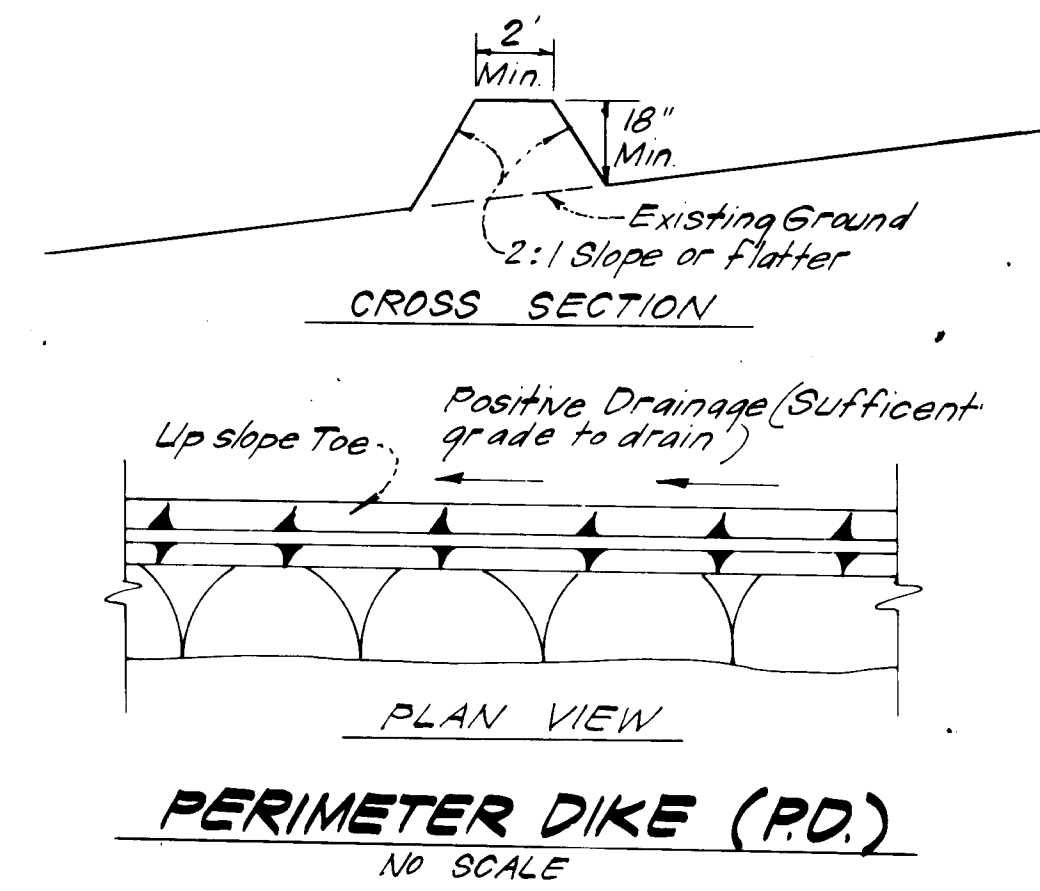
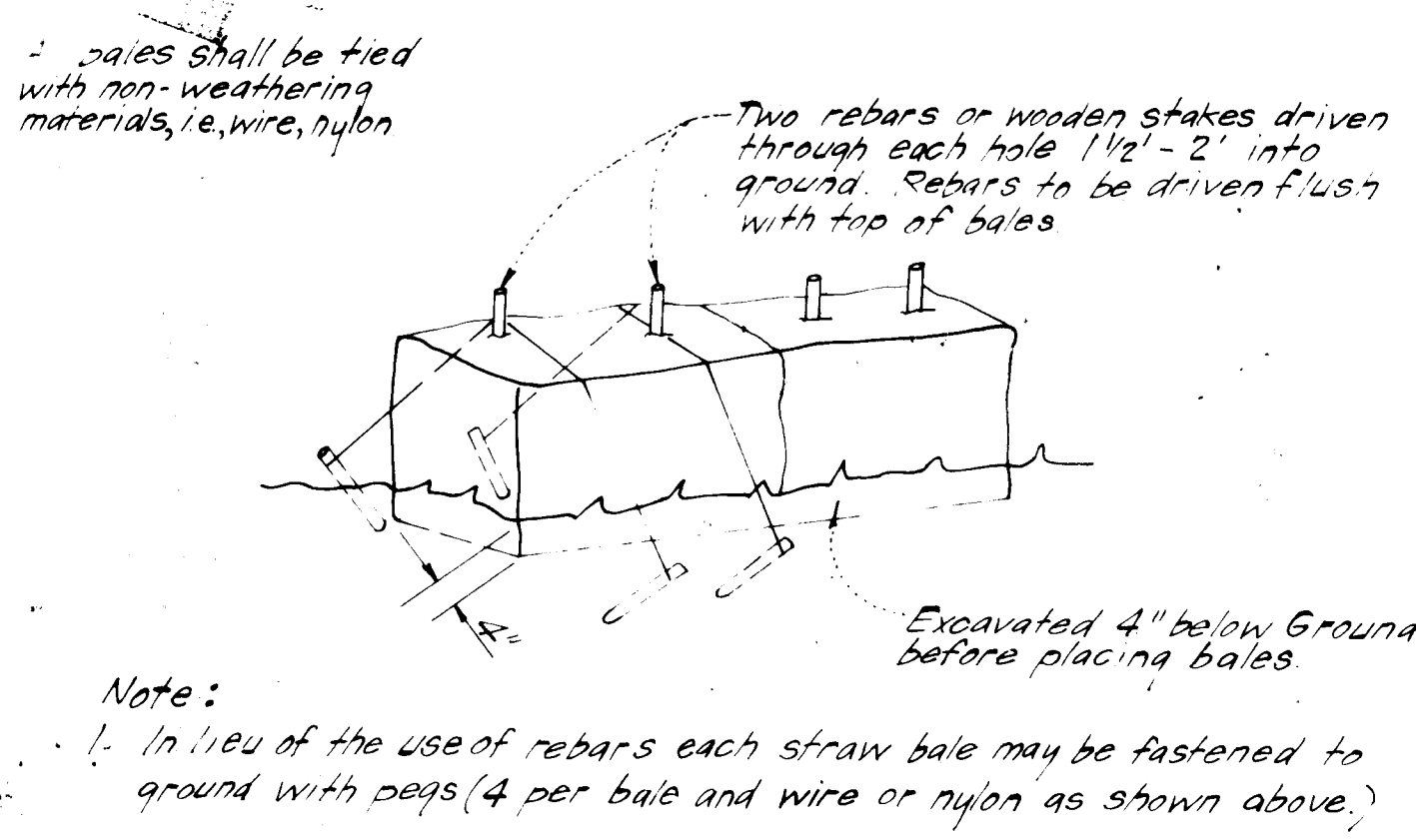
ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 G. Nelson Clark
 4-25-84
 Date

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	J.L.S.	SCALE 1"=30'
DRAWN	Y.L.B.	DRAWING 4 of 5
CHECKED	J.L.S.	JOB NO. 82-027
DATE	4-25-84	FILE NO. 82-027 SE
FOR:	STANLEY HALLE COMM, INC 8332 Annapolis Rd Lanham Md. 20801	

SDP-84-227

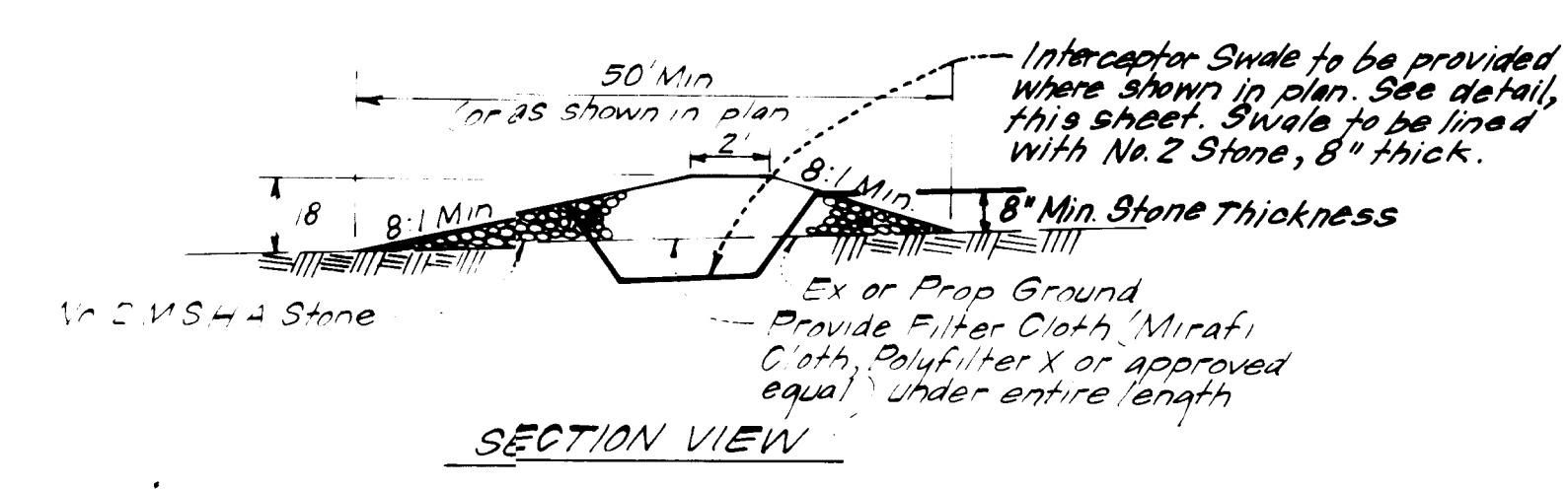
GENERAL NOTES

- 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 1.4 lbs./1000 sf.
- Notify the Bureau of Inspections and Permits at least 24 hours 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 areas 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 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 70-90 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 NA.
- Total Amount of Straw Bales or Silt Fence shown = 1600 LF.
- SITE ANALYSIS:
 - A. Total Area: 10.370 Acres
 - B. Area to be Roofed: 1.152 Acres
 - C. Area to be Paved: 0.603 Acres
 - D. Area to be Seeded: 4.194 Acres
 - E. Area Undisturbed: 4.421 Acres
- CONSTRUCTION SEQUENCE:
 - A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike.
 - B. Excavate for Foundations and Rough Grade.
 - C. Construct 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.

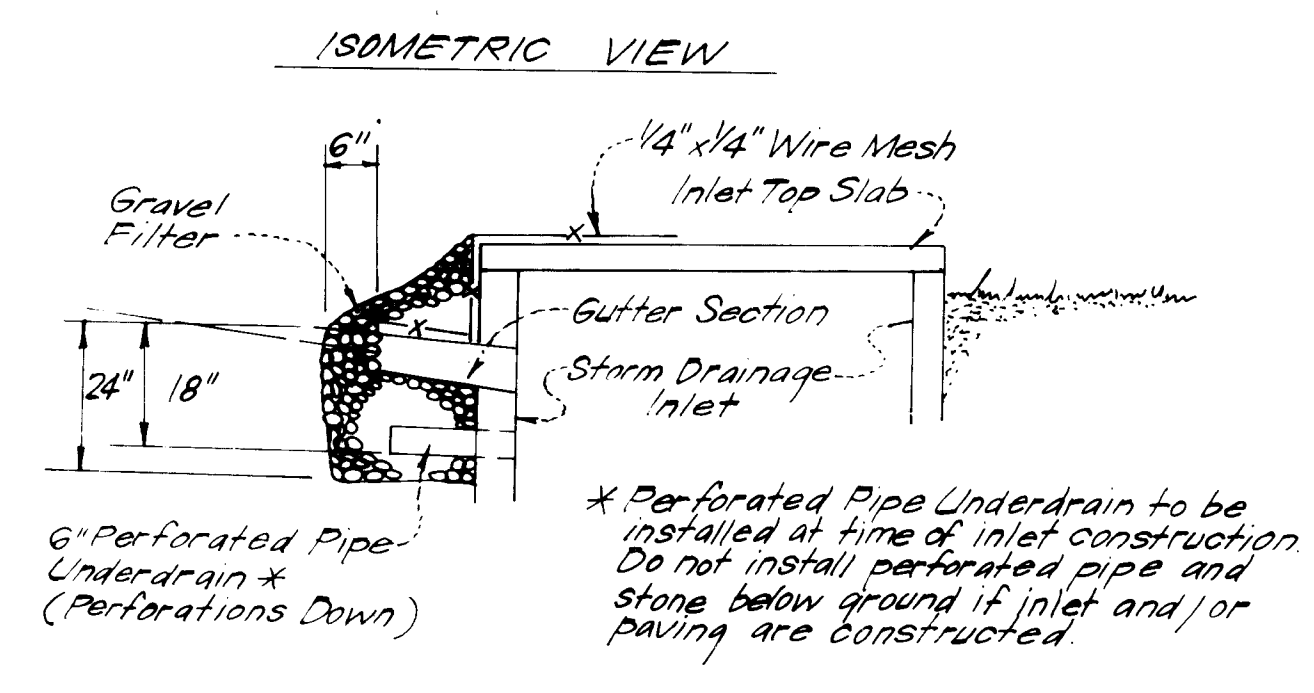
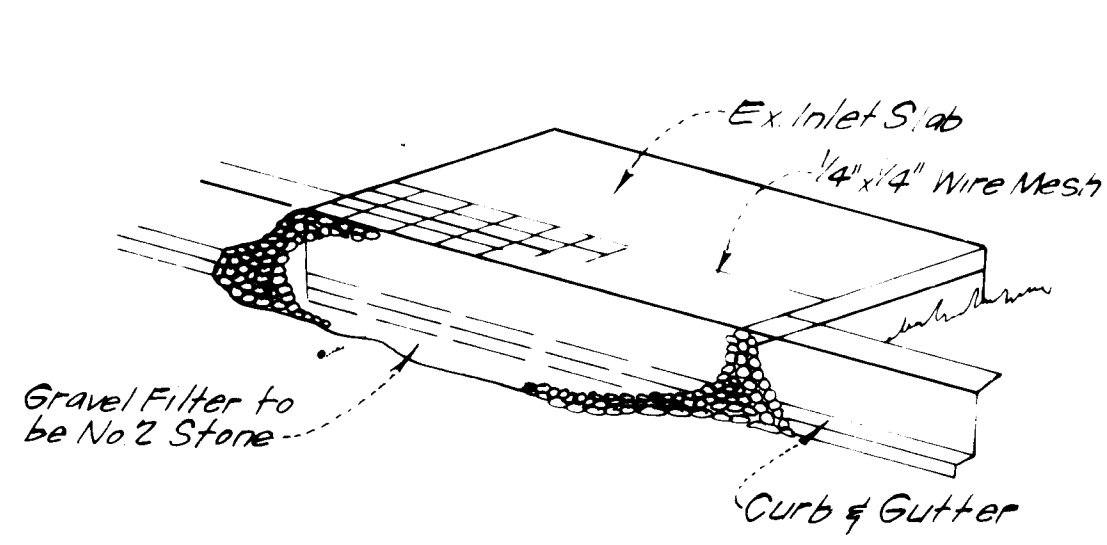
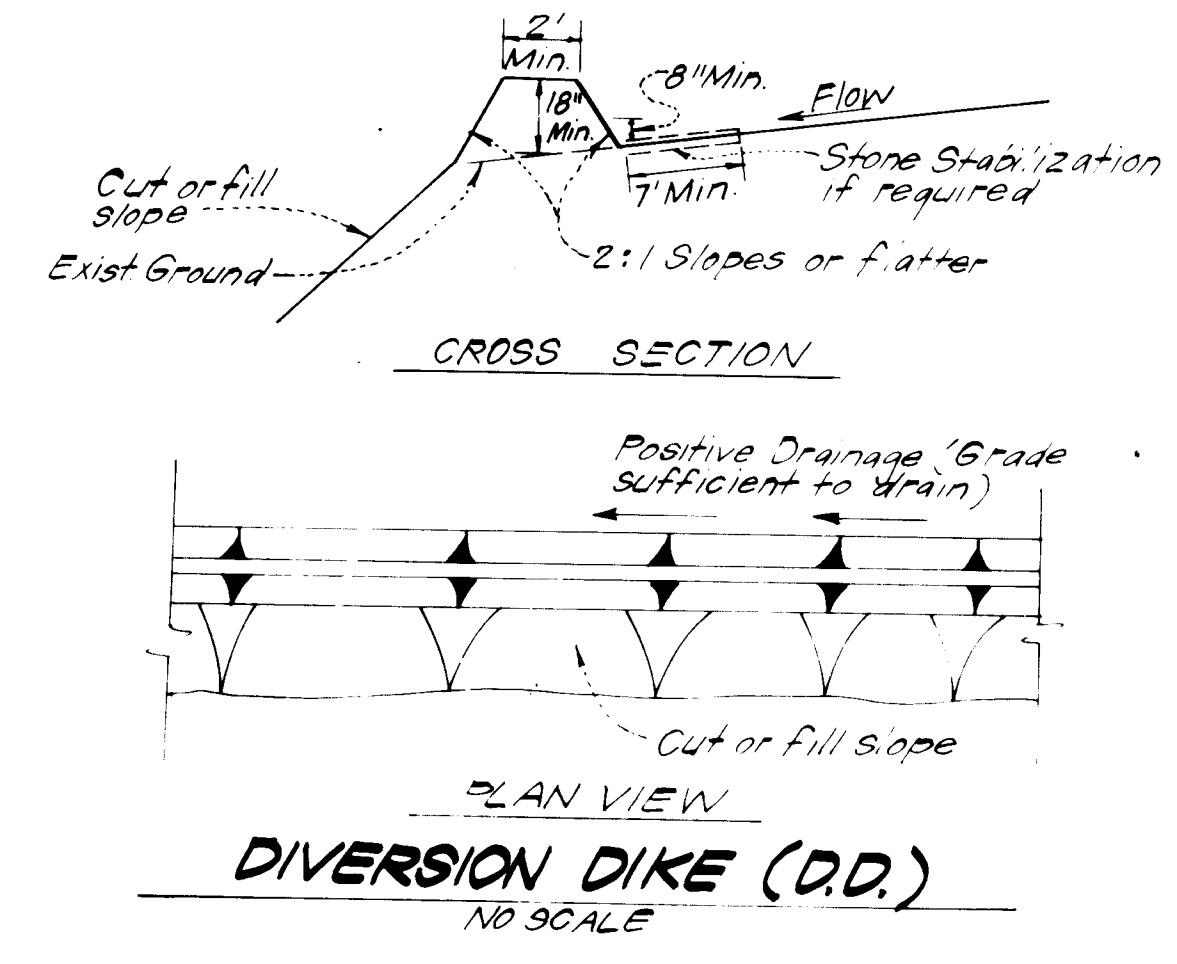


- Notes:
- Sediment Trap to be cleaned out when sediment reaches a level of 1 foot below crest of stone outlet.
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 - Stone Outlet to be constructed through diversion dike adjacent to excavated trap.

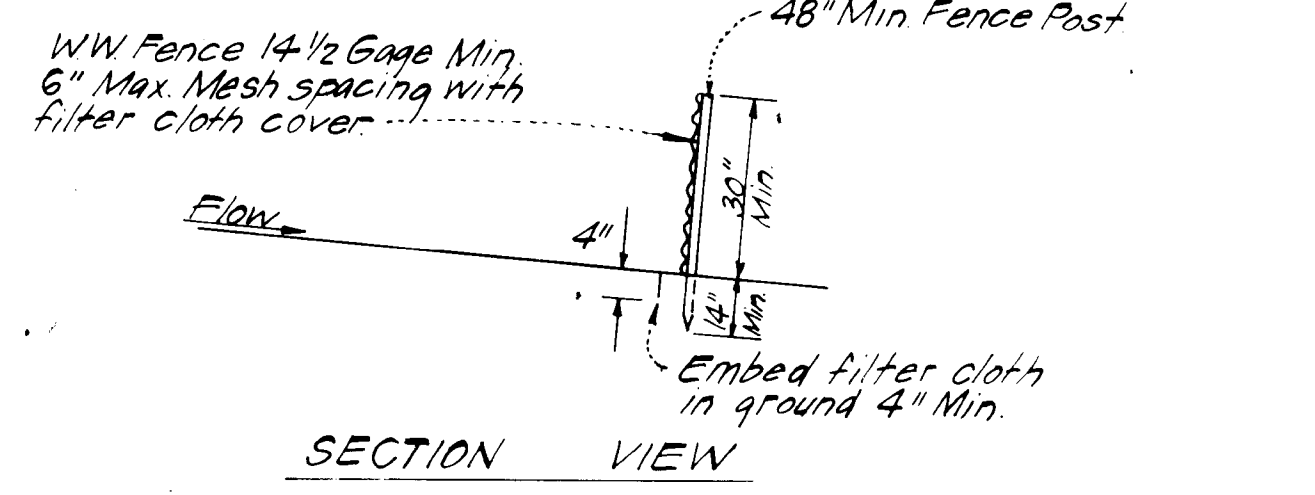
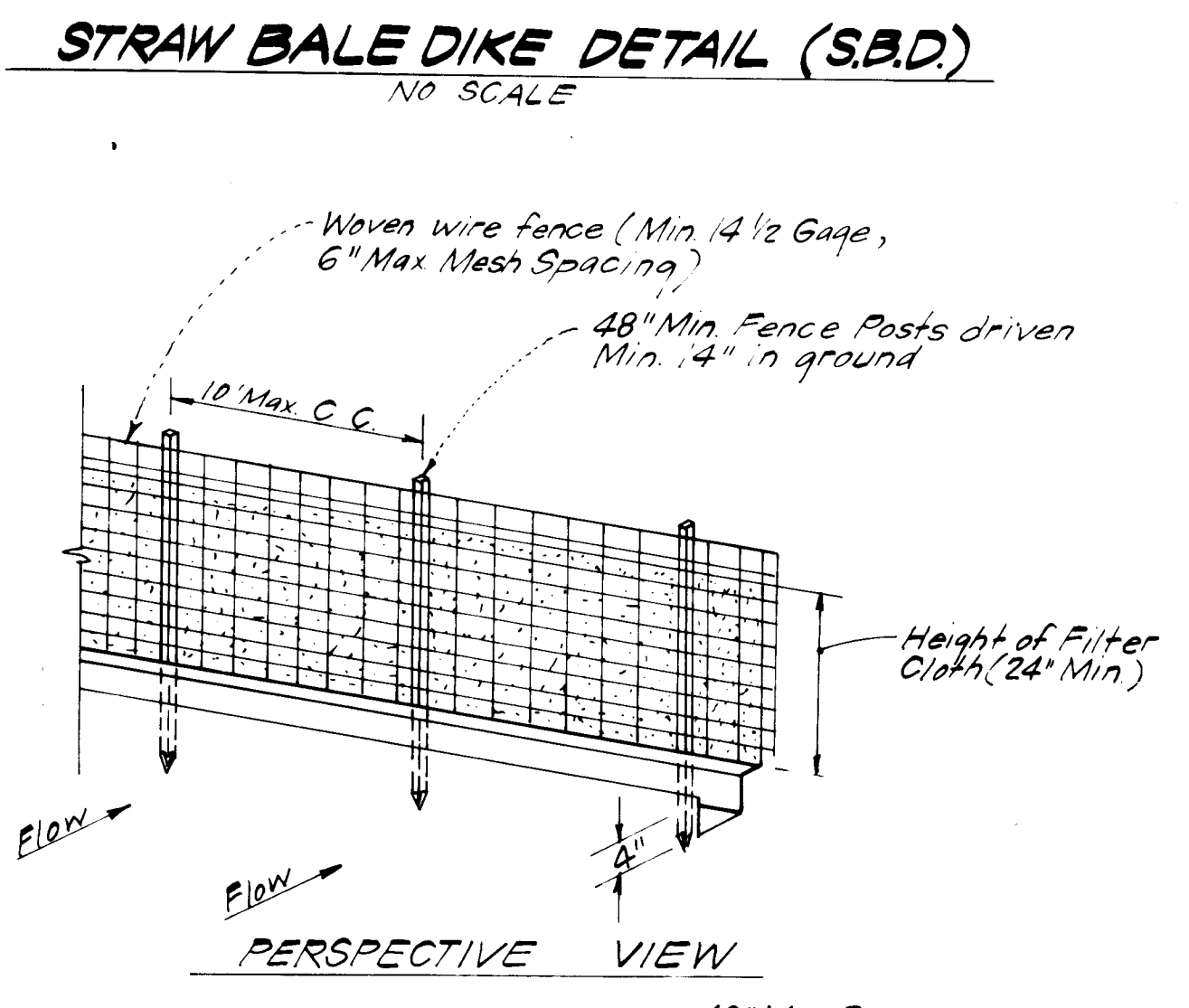
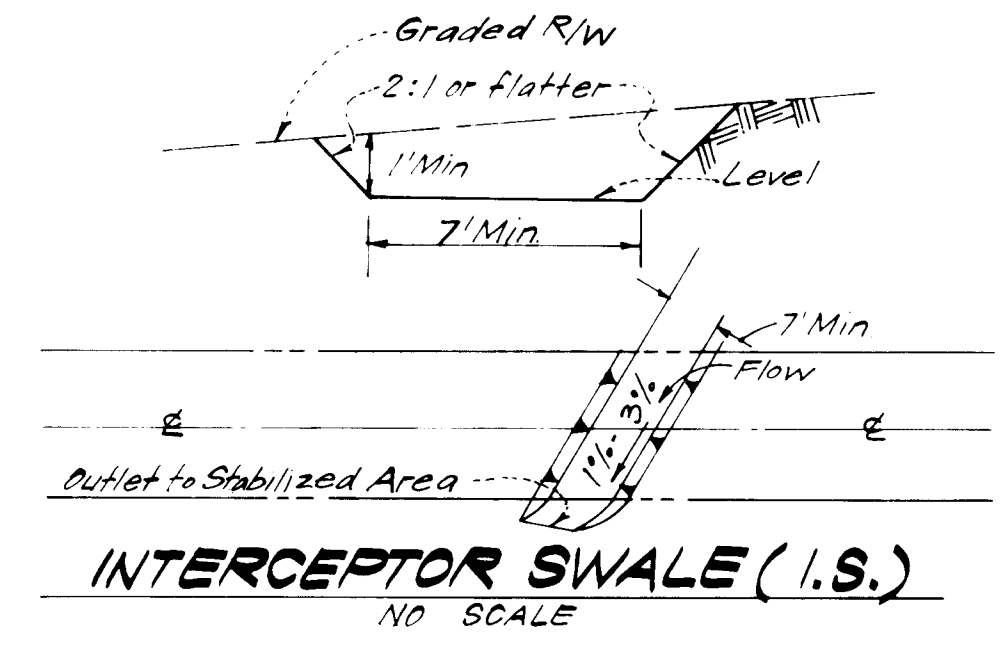
DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP (S.O.S.T.)
NO SCALE



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



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



CONSTRUCTION NOTES:

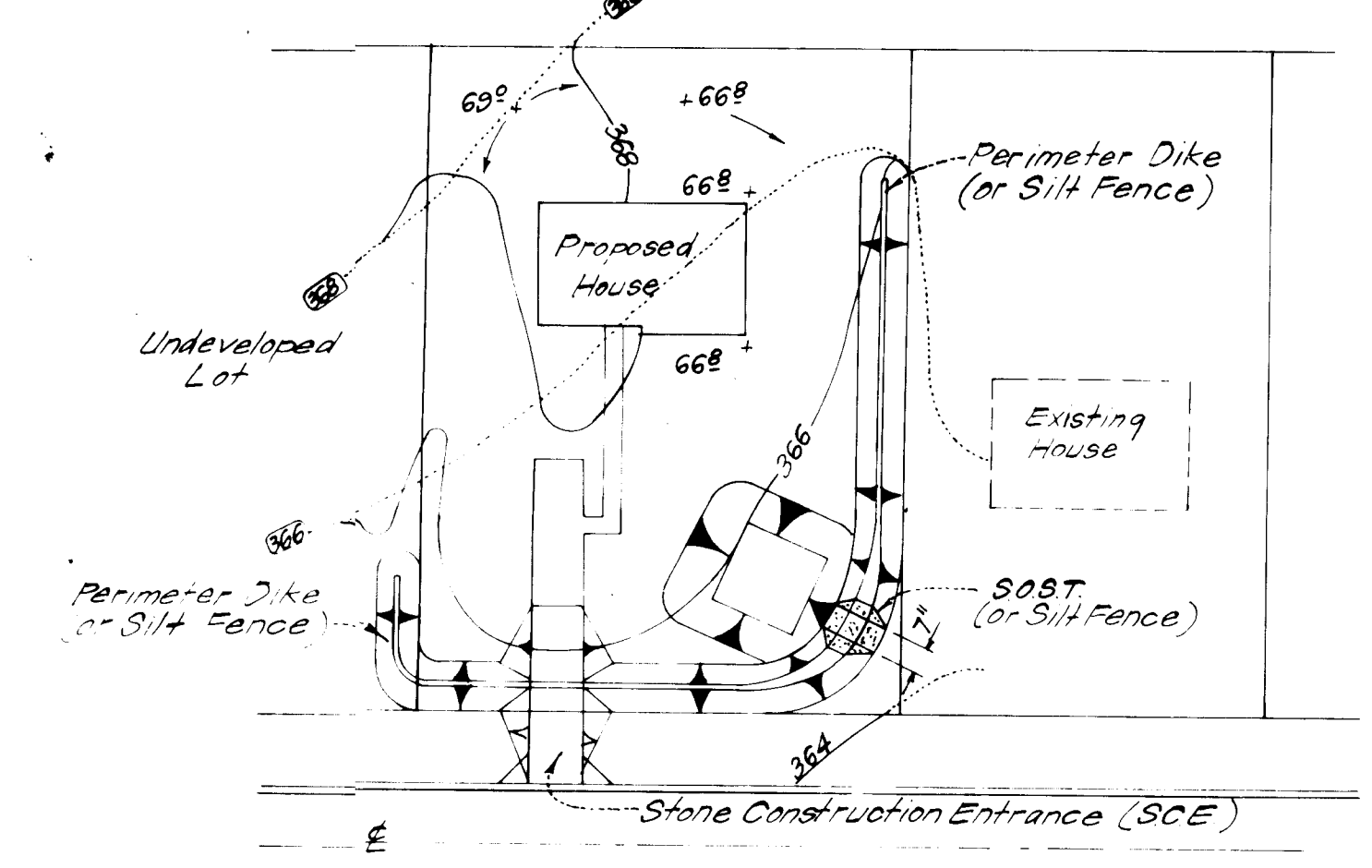
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24" at top and mid-section.

POSTS: Steel, either T or L type or 2" Hardwood
 FENCE: Woven wire, 14 1/2 Ga., Max 6" Mesh Opening
 FILTER CLOTH: Filter X, Mirafi 100X, Laurel Erosion Control Cloth, Bidim, Polyfilter X or equal

SILT FENCE DETAIL (S.F.)
NO SCALE

Reviewed for: Howard County
 Name: *[Signature]*
 Date: 5-10-84
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Joseph K. Pajmich
 Approved: 5-10-84
 Date



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	121 sq	286 sq	676 sq

* See SH ST 3, pg 20-07 for detail not shown.
 ** Can be adjusted in field but bottom area must be 85% or greater.

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]
 G. Nelson Clark
 Date: 4-25-84

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 1131F LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 26 RIVERSIDE SECTION ONE AREA TWO 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE As Shown
DRAWN V.L.B.		DRAWING 5 OF 5
CHECKED J.L.S.		JOB NO. 82-027
DATE 4-25-84		FOR: STANLEY HALLE COMM., INC. 9332 Annapolis Rd. Lanham, Md. 20801

SDP-84-217

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 Date: 5-21-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Date: 5-22-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Date: 5-17-84

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION, HOWARD COUNTY, MARYLAND
 Date: 4-17-84

DEVELOPER'S/BUILDER'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 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 authorized agents, as are deemed necessary."

[Signature]
 Stanley Halle
 Signature of Developer/Builder
 Date: 4-25-84