

GENERAL NOTES:

1. The lots included in this plan is zoned: R-20
2. Coordinates shown are based on the Maryland State Plane system.
3. Total number of Lots: 17
4. The area covered is located on Tax Map # 4, Parcel # 405
5. All contours are existing and existing.
6. Any damage to county owned rights of way shall be repaired at the Developer's expense.
7. Total area of lots shown: 6740 Acres.
8. Street Trees shall be planted by 3500 by Half's minimum 20' x 20' with a minimum rate of one tree per 40' of frontage and in accordance with section 16.5 of the 'Landscape Standard and Land Development Regulations'.

LEGEND:

1. Contour Interval 2'±
2. Existing Contour 340
3. Proposed Contour 340
4. Spot Elevation 405
5. Direction of Drainage
6. Existing trees to be retained
7. Walk-out-Basement (WB)

NOTES: Approved Road Construction Plans shall be used for installation of all Public Utilities.
Public Water & Sewer shown for reference only. For more detailed information - see water & sewer plans Contract No. C-34-101-D

APPROVED:
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 5-23-83
[Signature]

ADDRESS CHART	
LOT No.	STREET ADDRESS
1	7051 Long View Road
2	7055 " " "
3	7059 " " "
4	7062 " " "
5	7101 " " "
6	7105 " " "
7	7109 " " "
8	7114 " " "
9	7110 " " "
10	7106 " " "
11	7101 Rivers Edge Road
12	7105 " " "
13	7060 Long View Road
14	7064 " " "
15	7100 Rivers Edge Road
16	7104 " " "
17	7108 " " "

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 7-14-83
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 7-15-83
DATE

APPROVED: DIVISION OF LAND DEVELOPMENT/ZONING ADMIN.
[Signature] 7-15-83
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 7-11-83
DATE

APPROVED: DIVISION OF ENGINEERING
[Signature] 7-11-83
DATE

SUBDIVISION NAME	SECTION/AREA	LOT Nos.
RIVERSIDE	ONE	1 THRU 17
PLAT No. BLOCK No.	ZONE TAX MAP/ELECT. DIST.	CENSUS TR.
5474 12	R-20 41 5TH	6051
WATER CODE	SEWER CODE	
E 22	648000	

[Signature]
Donald F. Sackett

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904

DESIGNED: WJK/MC
DRAWN: KJW
CHECKED: WJK/MC
DATE: 4-13-83

SITE DEVELOPMENT PLAN
LOTS 1 THRU 17
RIVERSIDE
SECTION ONE
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: STANLEY HALLE COMM. INC.
9332 Annapolis Road
Annapolis, Md 21401

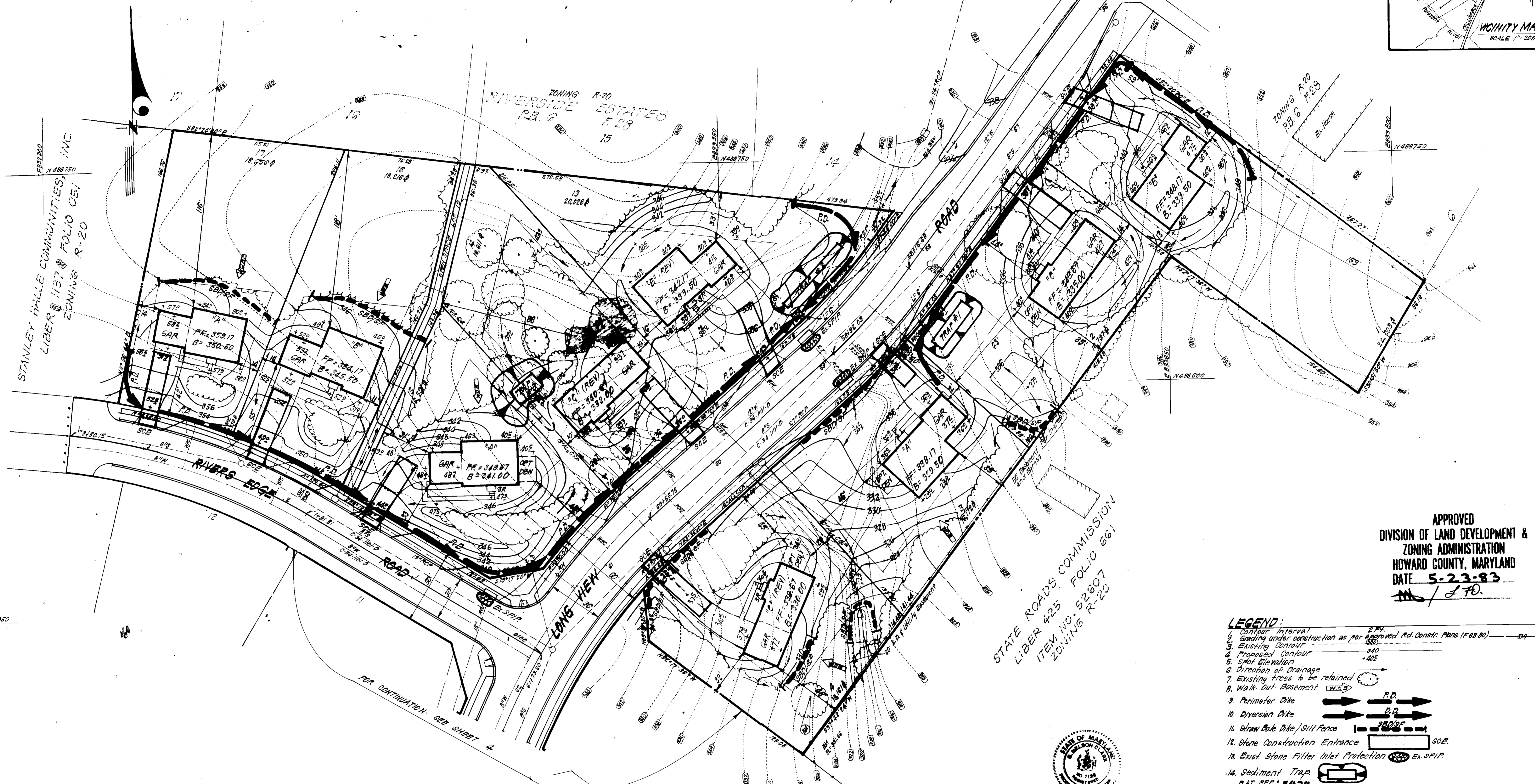
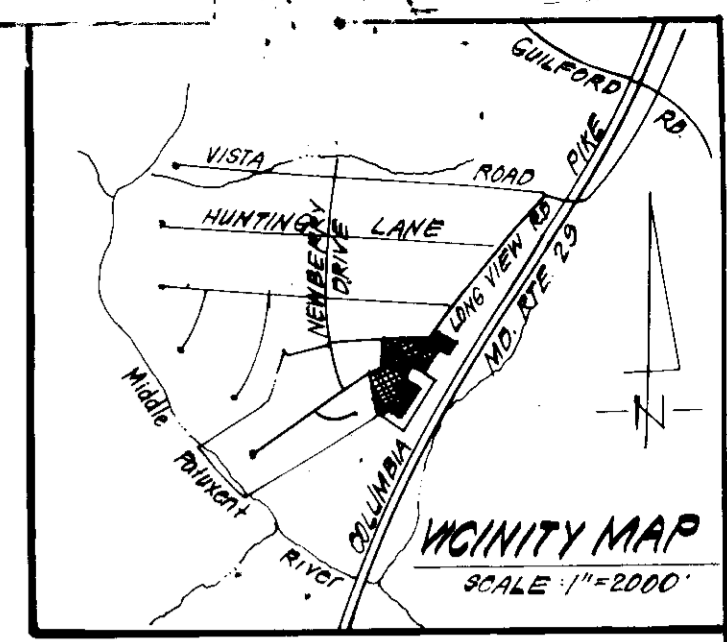
SCALE: 1" = 30'
DRAWING: 14E-5
JOB NO: 82127
FILE NO: 82127X

TRAP #1 S.O.ST (ST-3)
 DA = 1.0 Acres
 Storage Required = 1.0(1800) = 1800 c.f.
 Storage Provided = 1800 c.f.
 Depth = 3'
 Top of Stone Crest = 335.0
 Bottom Elevation = 332.0
 Bottom Dimensions = 34' x 9'

TRAP #2 S.O.ST (ST-3)
 DA = 1.0 Acres
 Storage Required = 1.0(1800) = 1800 c.f.
 Storage Provided = 1800 c.f.
 Depth = 3'
 Top of Stone Crest = 335.0
 Bottom Elevation = 332.0
 Bottom Dimensions = 54' x 4'

TRAP #3 S.I.S.T (ST-4)*
 DA = 0.4 Acre
 Storage Required = 0.4(1800) = 720 c.f.
 Storage Provided = 720 c.f.
 Depth = 3'
 8' of Elev. = 334.0
 Bottom Elev. = 332.0
 Bottom Dimensions = 20' x 11'

* Note: All sibs except on NW Side to be blocked by brick & mortar.



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 5-23-83
 M / LFD

- LEGEND:**
- Contour Interval 2' F.F.
 - Grading under construction as per approved Ad. Constr. Plans (F&S-80) 340
 - Existing Contour 340
 - Proposed Contour 405
 - Spot Elevation 405
 - Direction of Drainage
 - Existing trees to be retained
 - Walk-out Basement (RED)
 - Perimeter Dike
 - Diversion Dike
 - Straw Bale Dike / Silt Fence
 - Stone Construction Entrance SOE
 - Exst. Stone Filter Inlet Protection (SIP) EX.SIP
 - Sediment Trap
- PLAT REF: 5474

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 HEALTH OFFICER: [Signature] DATE: 7-14-83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 7-15-83

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.: [Signature] DATE: 7-15-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 7-11-83

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 7-11-83

Reviewed for: [Signature] S.C.D.
 Name: [Signature]
 Signature: [Signature] DATE: 7-7-83
 U.S. Soil Conservation Service
 THIS DEVELOPMENT HAS BEEN APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD COUNTY SOIL
 CONSERVATION DISTRICT.
 Approved: [Signature] DATE: 7-7-83

DEVELOPER'S/BUILDER'S CERTIFICATE
 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 Erosion before beginning the project. I also authorize periodic site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.
 Signature of Developer/Builder: [Signature] DATE: 7/15/83
 Signature: [Signature] DATE: 7/15/83

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan for the site and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 Signature: [Signature] DATE: 7-25-83
 G. Nelson Clark

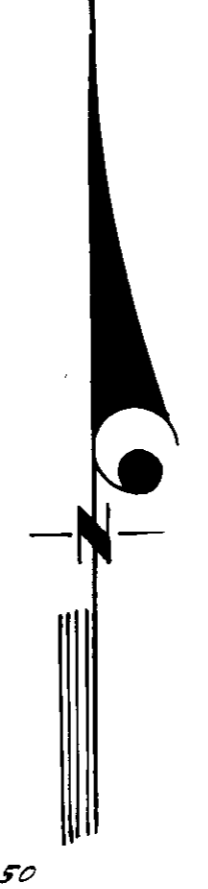
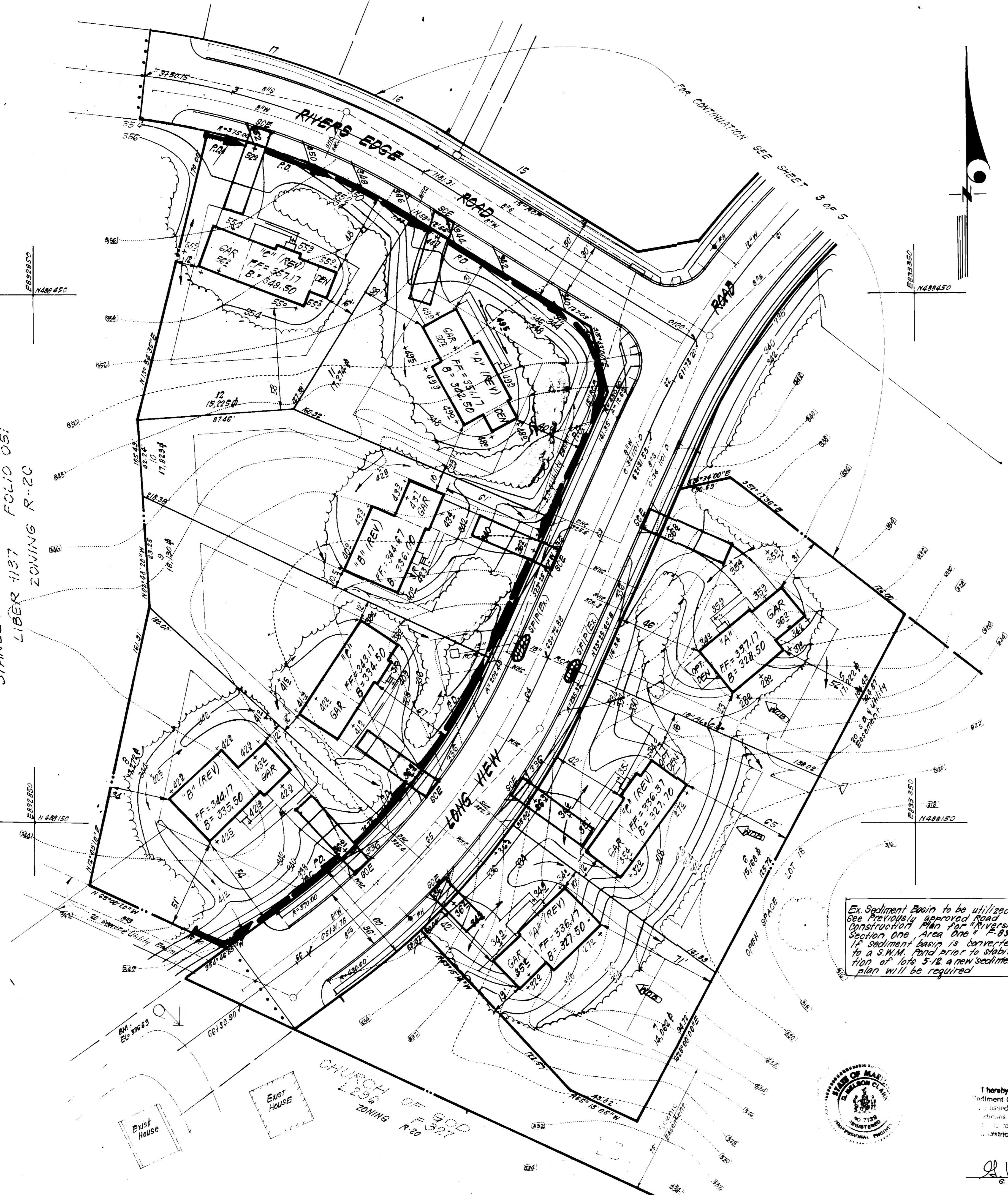


CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED	JLS	SCALE	1"=30'
DRAWN	K.L.W.	DRAWING	3-5
CHECKED	JLS	JOB NO.	82-027
DATE	7-25-83	FILE NO.	82-027-SE

SEDIMENT & EROSION CONTROL PLAN
 LOTS 1 THRU 17
RIVERSIDE
 SECTION ONE
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: STANLEY HALL COMM., INC.
 9332 Annapolis Road
 Lanham, Md. 20801

STANLEY HALL COMMUNITIES, INC.
LIBER 1137 FOLIO 051
ZONING R-20



Ex. Sediment Basin to be utilized
see previously approved Road
Construction Plan for Riverside
Section One Area One 1-83-80.
A Sediment Basin is converted
to a S.W.M. Pond prior to stabiliza-
tion of lots 5-12 a new sediment
plan will be required

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-23-83
MD / LFD

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
James H. Cole 2-7-83
Signature Date
U.S. Soil Conservation Service
APPROVED BY THE HOWARD SOIL
CONSERVATION DISTRICT
Stanley Halle 7-7-83
Signature of Developer/Builder Date

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 sedi-
ment 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
authorized agents, as are deemed necessary."
Stanley Halle 4/25/83
Signature of Developer/Builder Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
John Egan 7-4-83
DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John Egan 7-15-83
DATE
PLANNING DIRECTOR
John Egan 7-15-83
DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John Egan 7-11-83
DATE
DIRECTOR
John Egan 7-11-83
DATE
DEPT. BUREAU OF ENGINEERING



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.
James H. Cole 4-25-83
Signature Date

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	<u>VLS</u>	SCALE 1"=30'
DRAWN	<u>K.I.W.</u>	DRAWING 4 OF 5
CHECKED	<u>VLS</u>	JOB NO. 82027
DATE	4-25-83	FILE NO. 82-027-BE

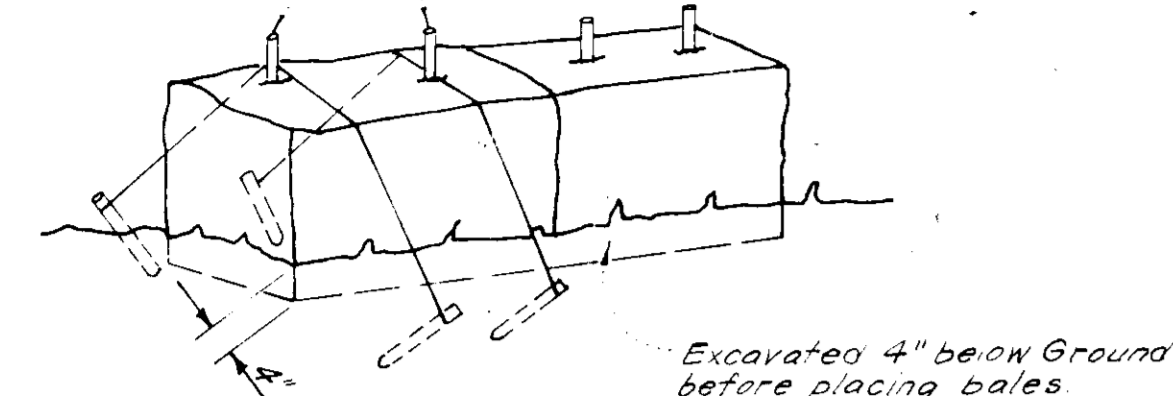
GENERAL NOTES

- 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 local 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 3.55/1000 sf. Mixture - 40% Kentucky Blue, 20% Chewina Fescue, 20% Kentucky 3 and 20% annual ryegrass.
 - 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.
 - 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 e.g. 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 shall be the responsibility of the developer or his representative 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 and 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 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 = 420 = F
- SITE ANALYSIS:

A. Total Area:	6.740	Acres
B. Area to be Roofed:	0.723	Acres
C. Area to be Paved:	0.387	Acres
D. Area to be Seeded:	2.838	Acres
E. Area Undisturbed:	2.792	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 various Single Lot Sediment Control as shown on this sheet, shall be implemented.

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

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

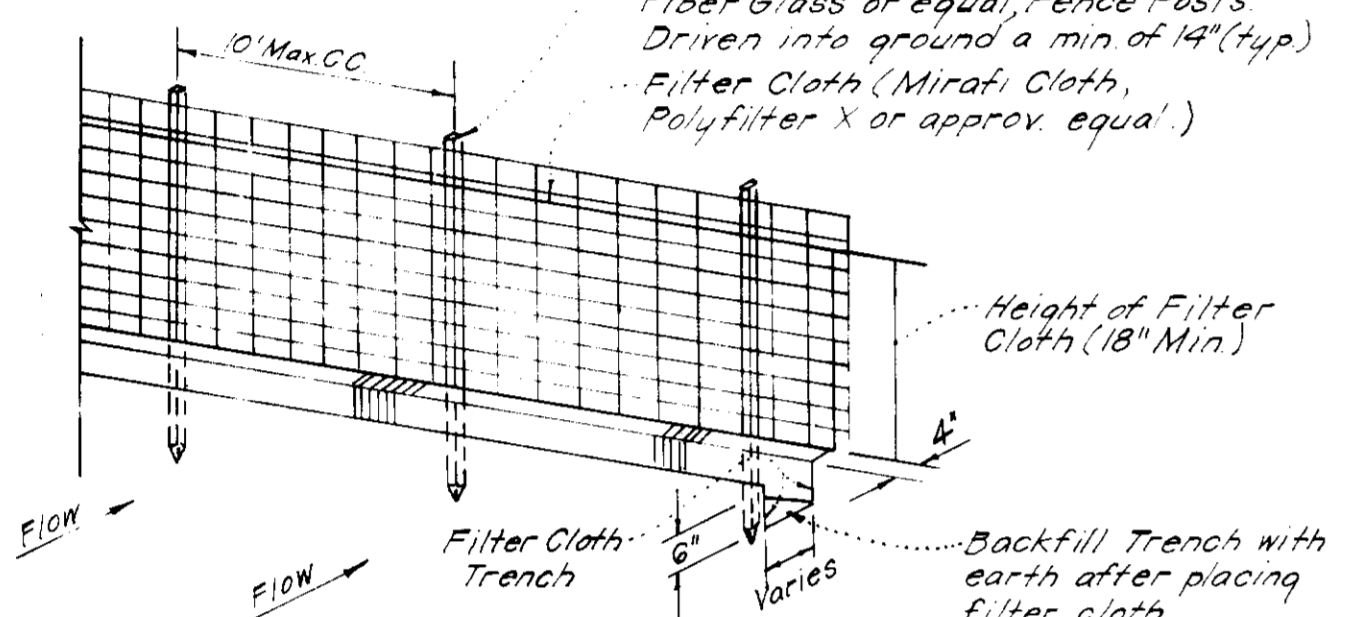


Note: In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

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

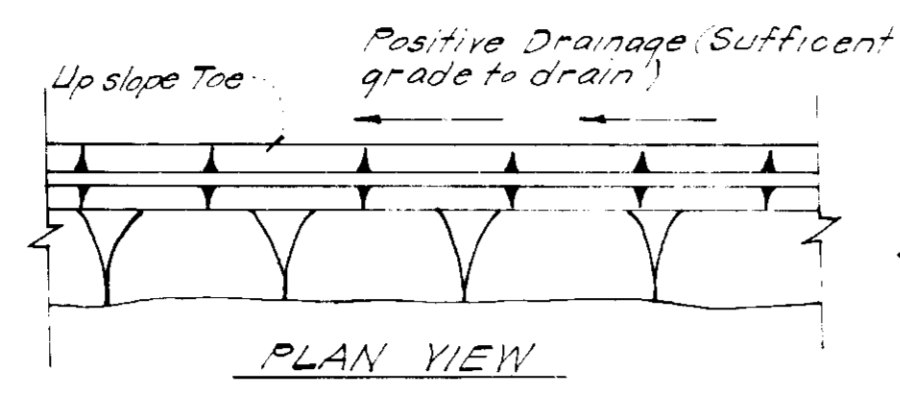
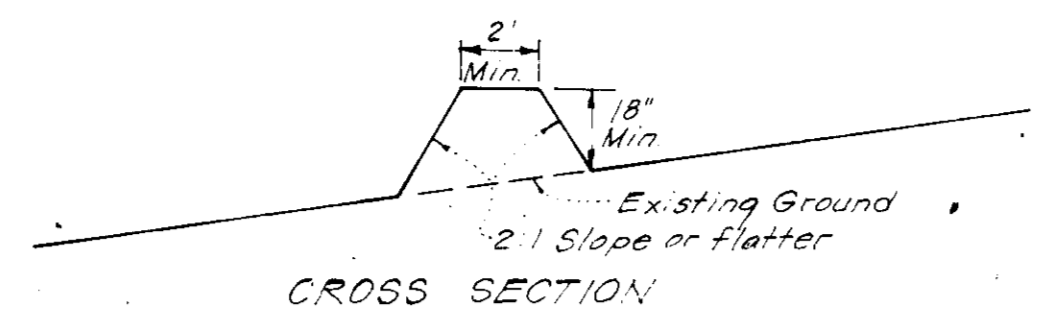
Woven wire fence - Min 14 gage; 6" Max spacing

36" Min. Metal, Heavy Duty Fiber Glass or equal Fence Posts Driven into ground a min of 14" (typ) Filter Cloth (Miraf, Cloth, Polyfilter X or approved equal)

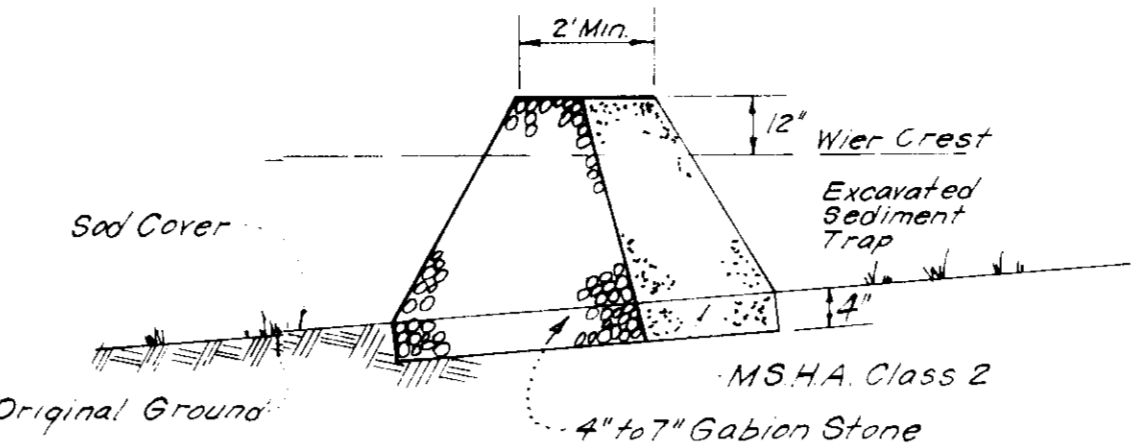


Notes: 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties. 2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

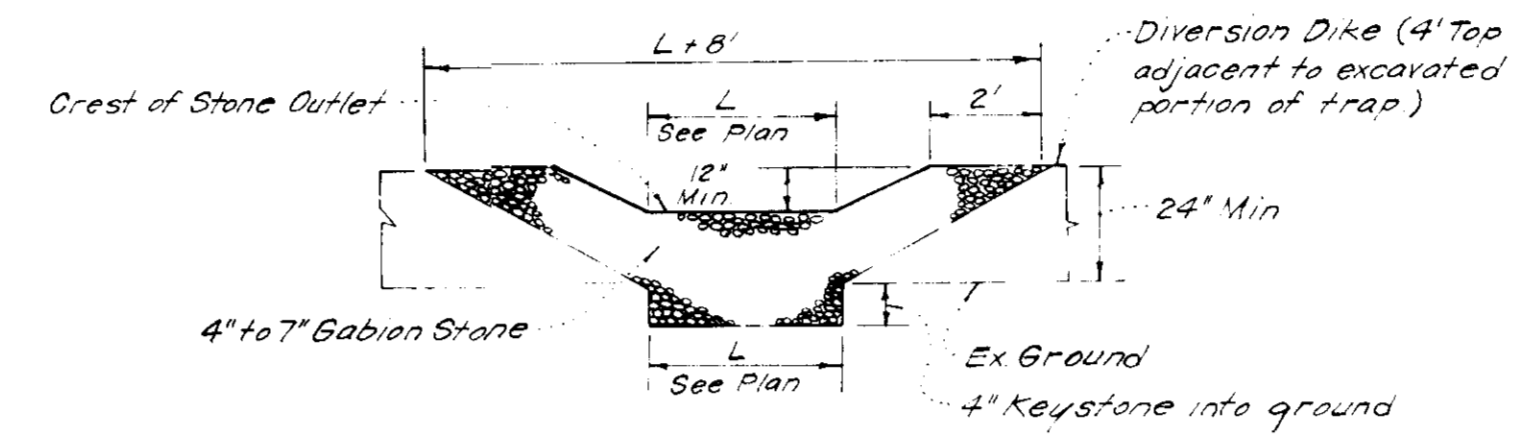
SILT FENCE DETAIL (SF)
No SCALE



PERIMETER DIKE (P.D.)
No SCALE

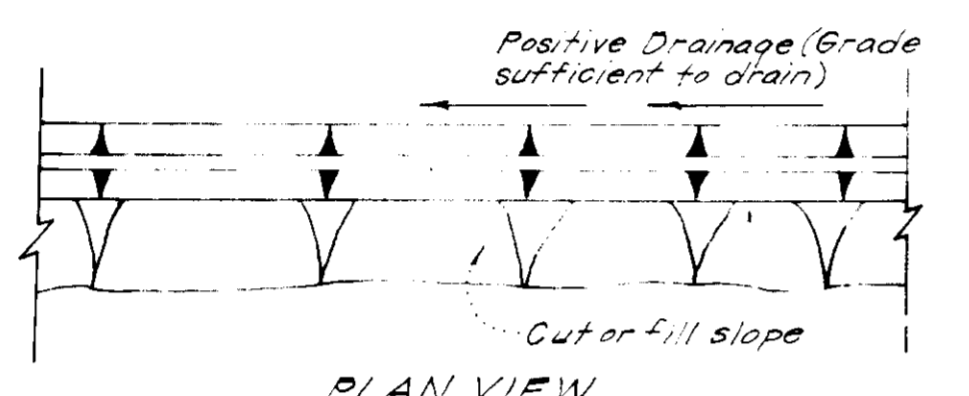
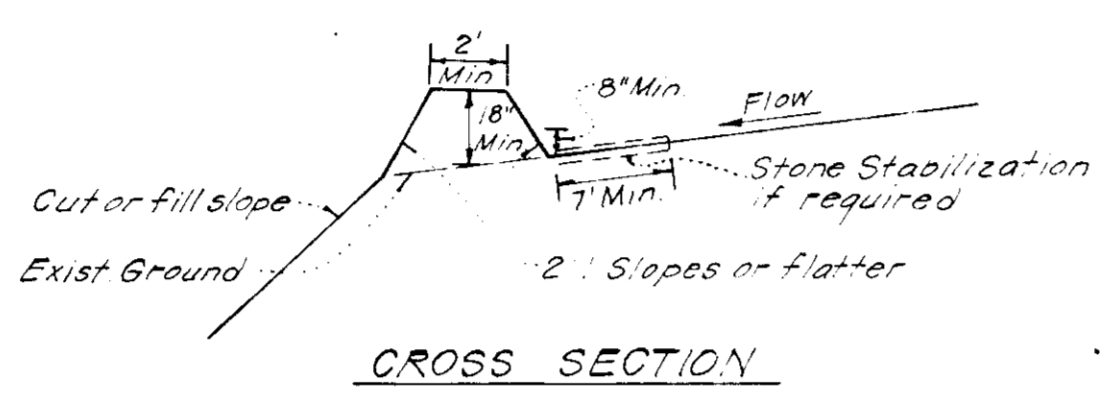


Note: For Dimensions not shown see plan

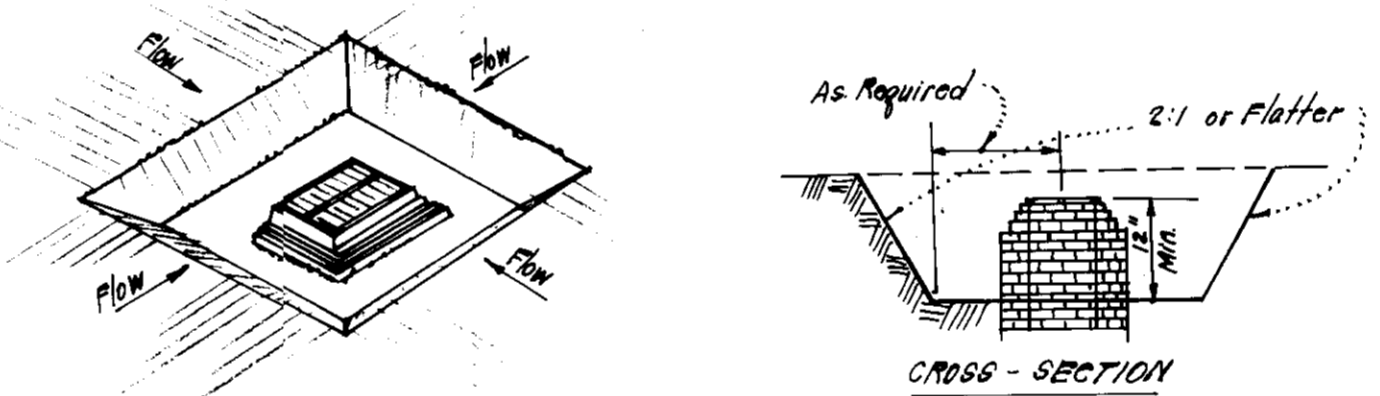
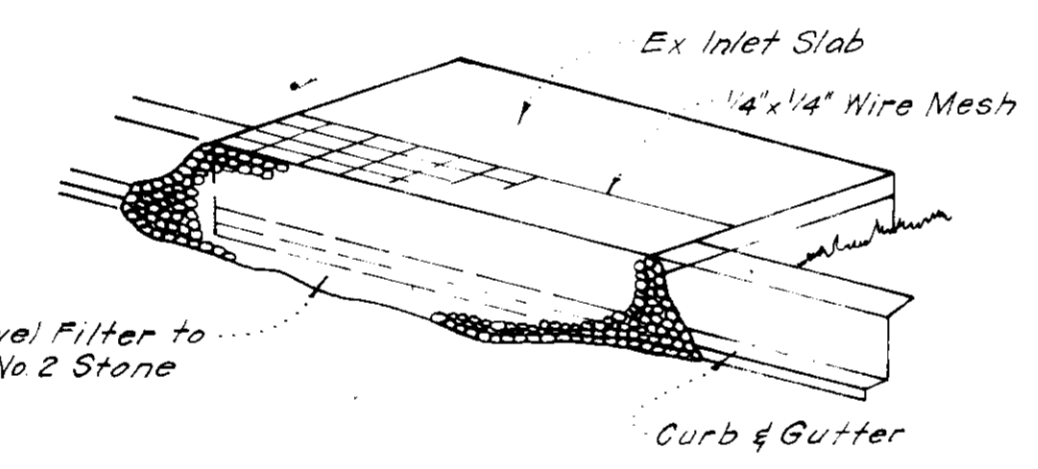


Notes: 1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet. 2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan. 3. Stone Outlet to be constructed through diversion dike adjacent to excavated.

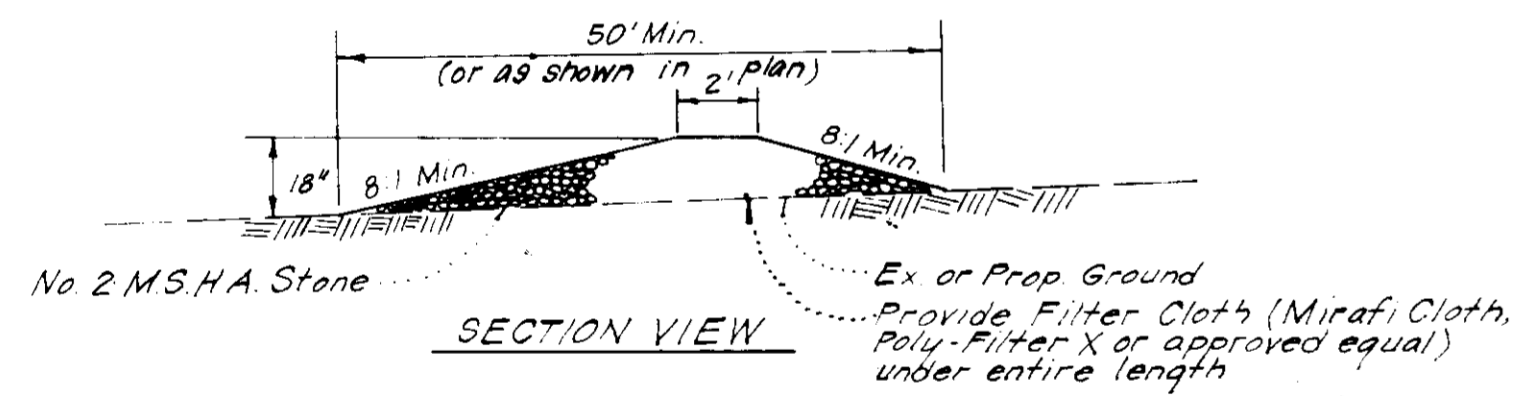
DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
No SCALE



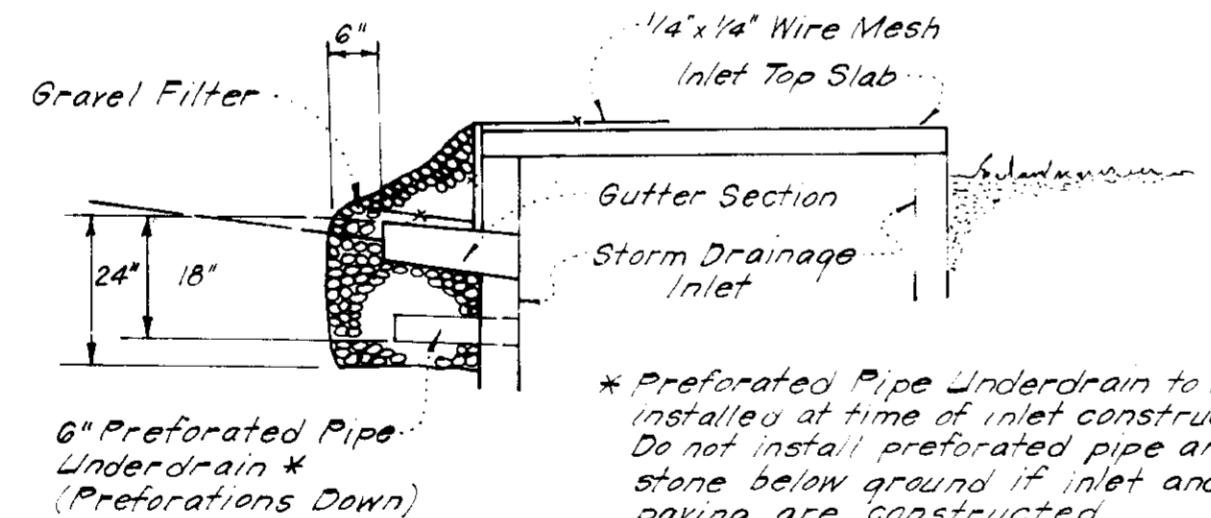
DIVERSION DIKE (D.D.)
No SCALE



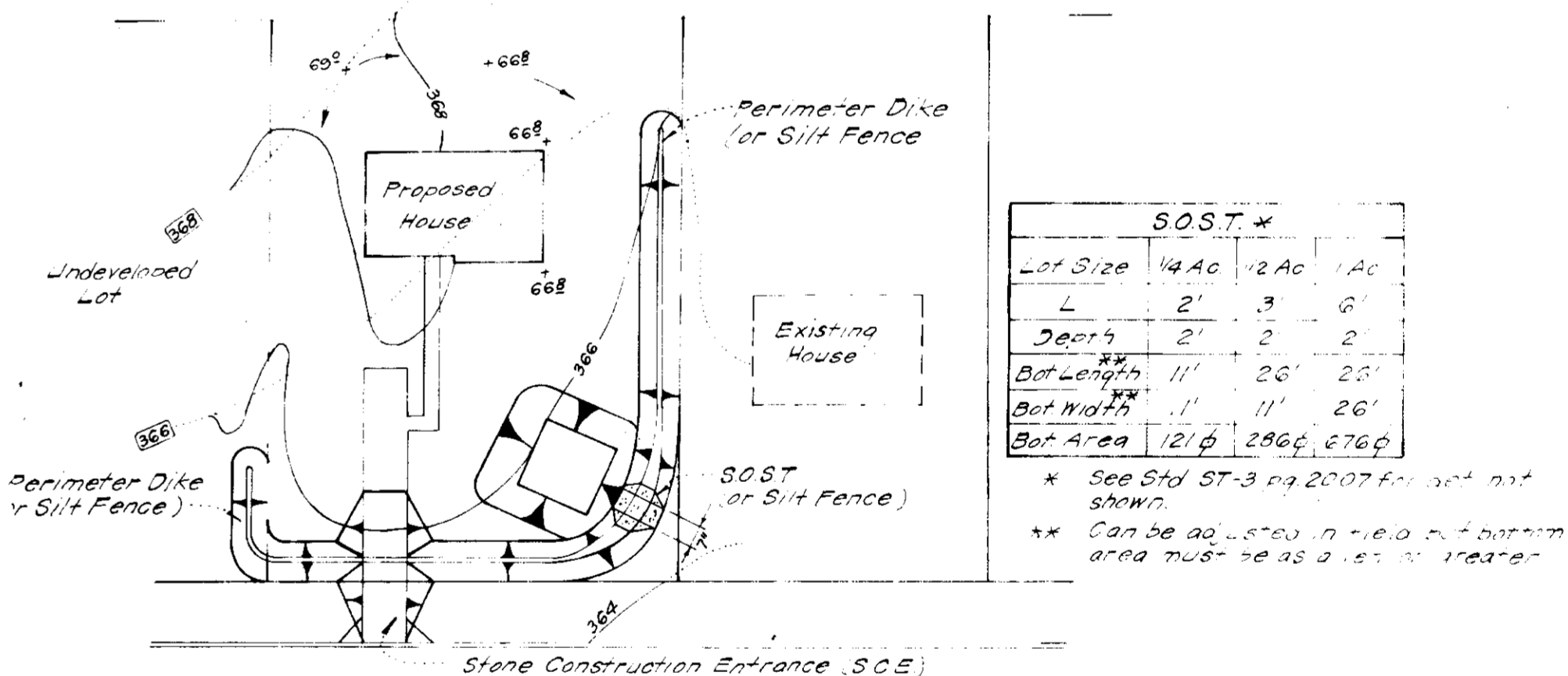
STORM INLET SEDIMENT TRAP (S.I.S.T.)
No SCALE



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



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



SOST #		
Lot Size	1/4 Ac	1/2 Ac
L	2'	3'
Depth	2'	2'
Bot Length	11'	26'
Bot Width	11'	26'
Bot Area	121 sq	296 sq

* See Std ST-3 of 2007 for not shown. ** Can be adjusted in field if bottom area must be as a 5' x 1' or greater.

SINGLE LOT SEDIMENT CONTROL PLAN
No SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-23-83
M/S / JFD

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 7-14-83
PLANNING DIRECTOR
DATE 7-15-83
CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
DATE 7-15-83
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 7-11-83
CHIEF BUREAU OF ENGINEERING
DATE 7-11-83

Reviewed for: Stanley Halle S.C.D. Name
and meets Technical Requirements
Signature Stanley Halle Date 7-7-83
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved Stanley Halle Date 7-7-83

DEVELOPER'S BUILDER'S CERTIFICATE
I certify that all development and construction will be done in accordance with this 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 authorized agents, as are deemed necessary.
Signature of Developer/Builder Stanley Halle Date 7/25/83

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 G. Nelson Clark Date 4-25-83

CLARK • FINEPROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE
SCALE: AS SHOWN
DRAWN BY: S.F.S.
5 OF 5
JOB NO: 82-027
DATE: 4-25-83
SECTION ONE
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: STANLEY HALLE COMM, INC
3832 ANNAPOLIS ROAD
CARTHAM, MD 20801
82-027 SE