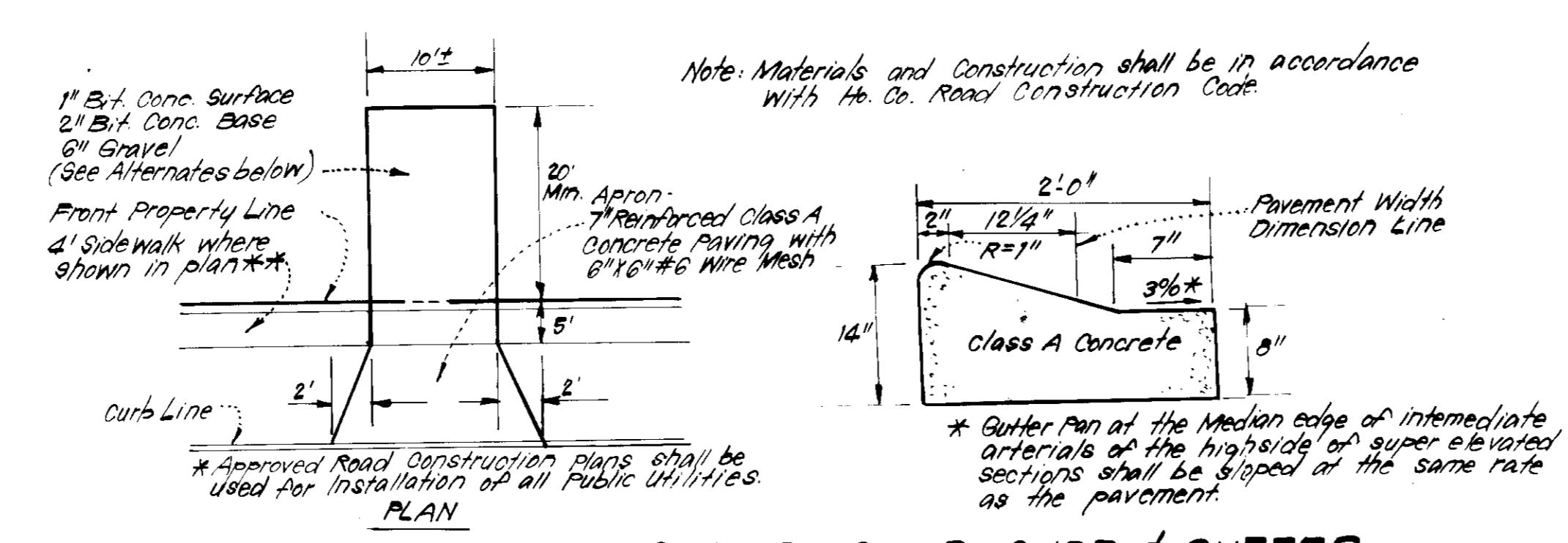
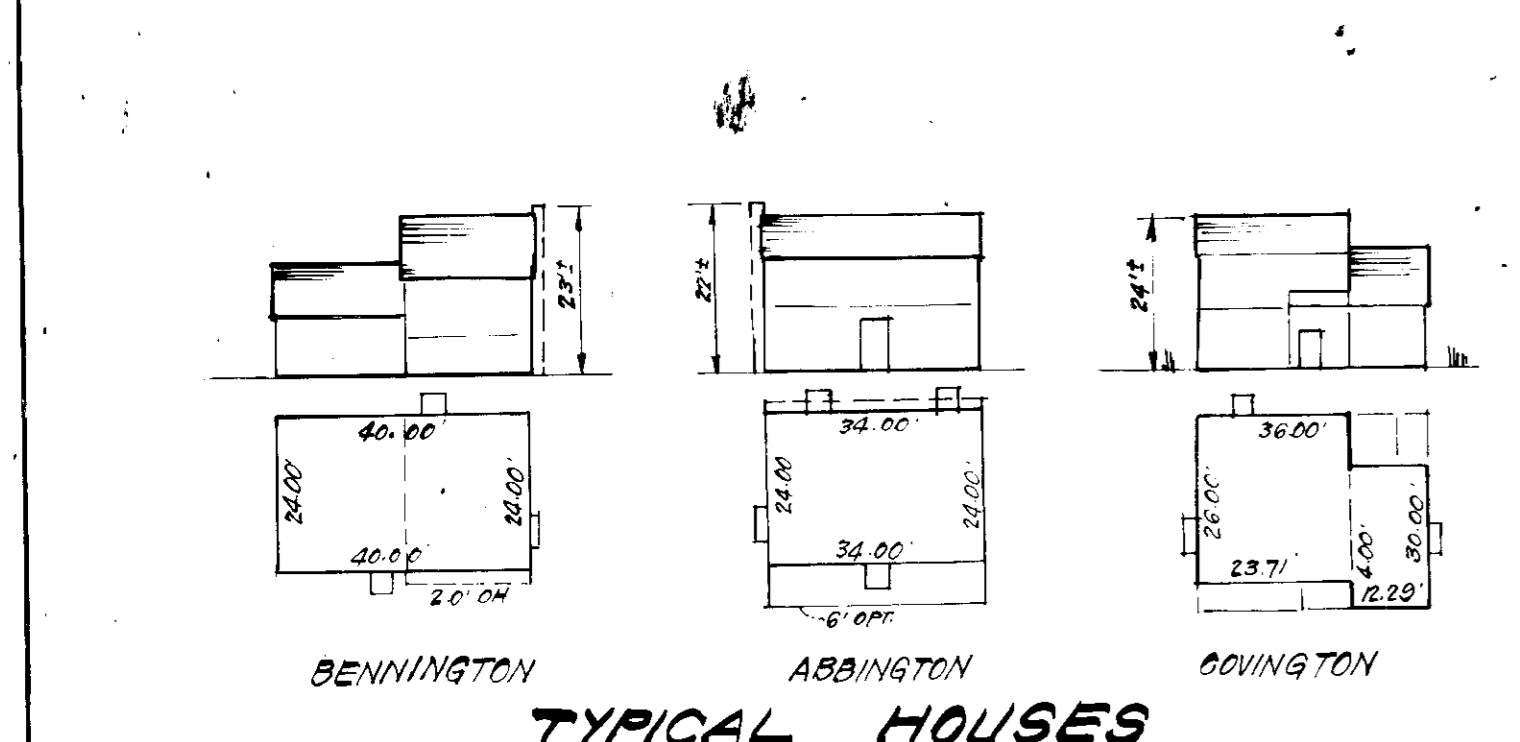
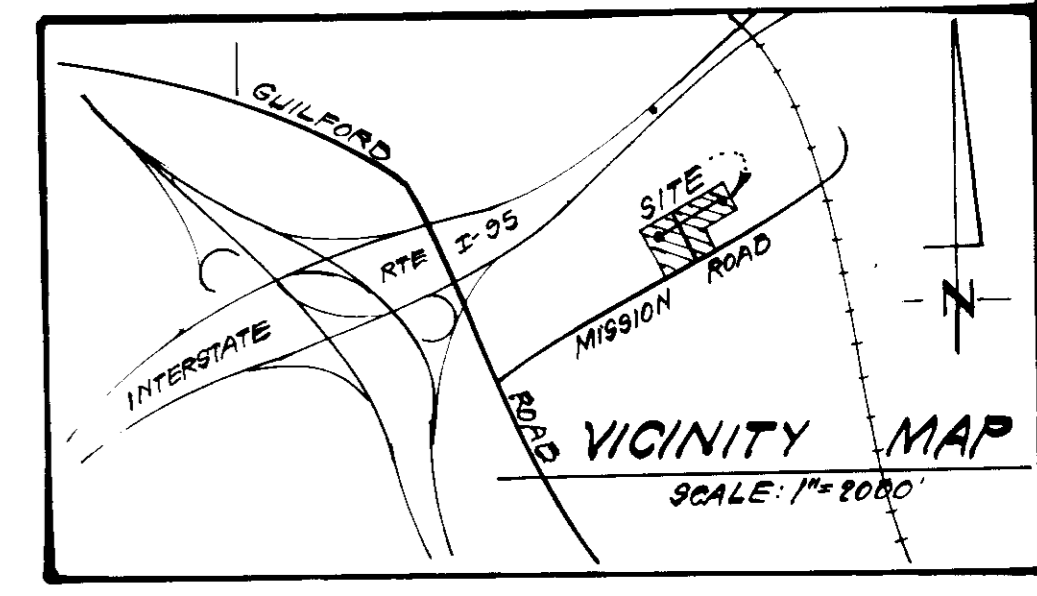


APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-18-81



- LEGEND:**
- 1. Contour Interval 2'±
 - 2. Existing Contour 60'
 - 3. Proposed Contour 90'
 - 4. Spot Elevation +20'
 - 5. Direction of Drainage
 - 6. Exist. Trees to be Saved

- GENERAL NOTES:**
1. The Land included in this plan is zoned: R30, as per 1969/77 Comprehensive Zoning Plan.
 2. All coordinates are based on Howard County Control Station Control Point Nos. 2243001-R and 2142003-R.
 3. Total Number of Lots 34.
 4. The area covered in this submission is located on Tax Map No. 42.
 5. The total area included in this plan is 5.326 Acres.
 6. All roadways are public & existing.
 7. Any damage to county owned rights of way shall be corrected at the developer's expense.
 8. The Contractor or developer shall contact the Construction Inspection/Survey Division, 24 hours in advance of commencement of work at 992-2417 or 992-2418.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 2-23-82

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 2-23-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 2-23-82

Special Notes:

Approved Road Construction Plans shall be used for installation of all Public Utilities.

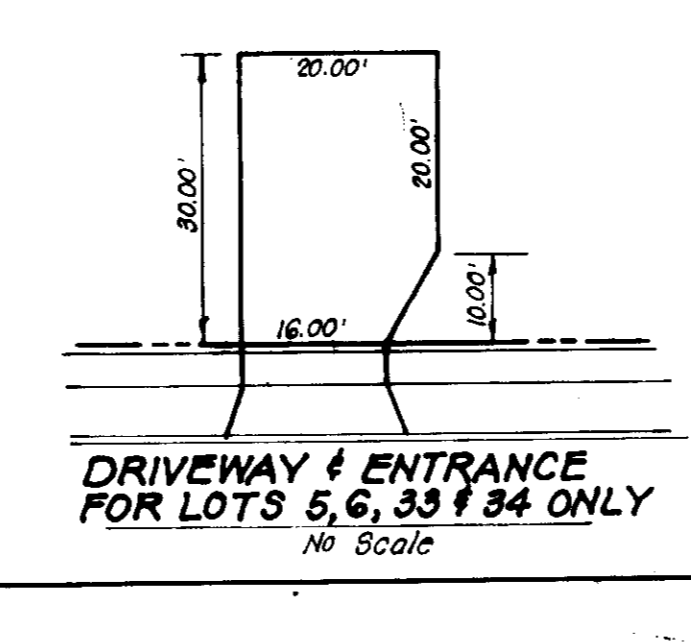
Public Water & sewer shown for Reference only - for more detailed information - see Water & Sewer Plans Contract No. 24-0975-D

The Water & Sewer House Connections not included in a Developer's Agreement shall conform to the Howard Co. Plumbing Code. The on-site W.H.C. shall be 1" Copper & the S.H.C. shall be 4" Iron.

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

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

Street Trees:
Street trees shall be planted by The Developer, Security Development Corp., at a rate of at least one tree per 40' of lot frontage, and in accordance with section 16.131 of the Subdivision and Land Development Regulations of Ho. Co.



OWNER: SECURITY DEVELOPMENT CORP.
P.O. Box 417
Ellicott City, Md. 21043

Donald B. Sackett

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

DESIGNED: J.M.E. SCALE: 1"=30'

DRAWN: K.I.W. DRAWING: 10F3

CHECKED: J.M.E. JOB NO: 81-076

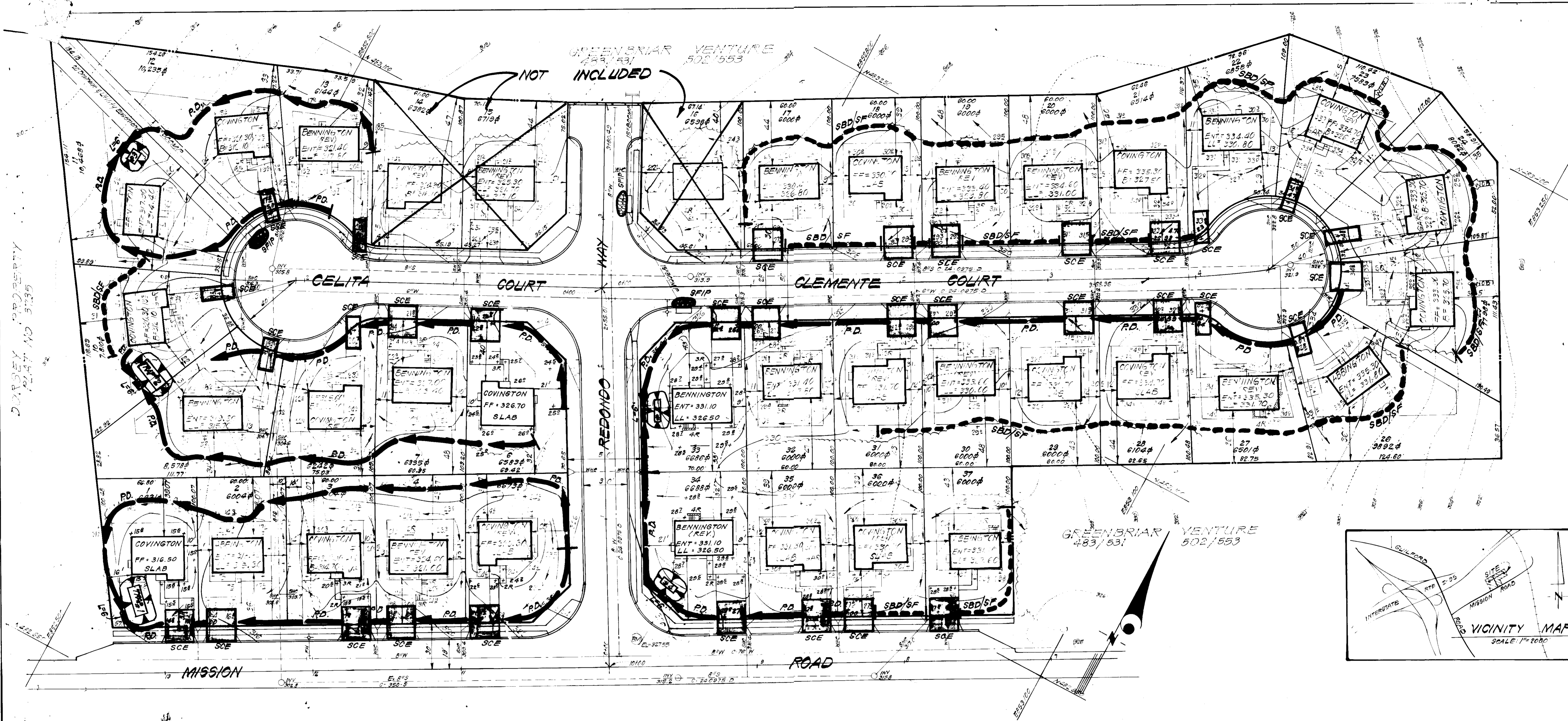
DATE: 10-2-81 FILE NO: 81-076X

SITE DEVELOPMENT PLAN
LOTS 1 THRU 13 & 17 THRU 37
MISSION HEIGHTS

SECTION 1 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

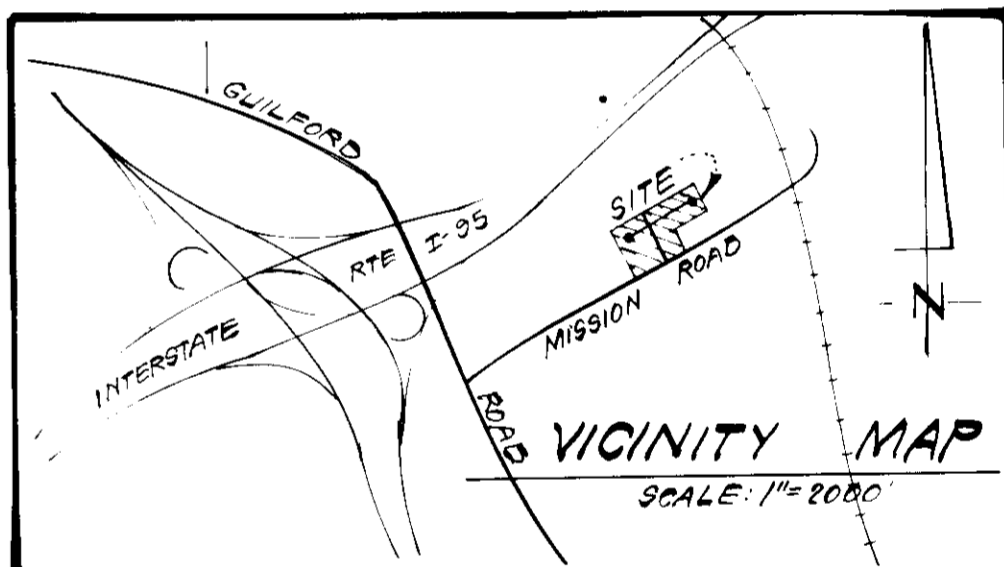
FOR: Diversified Housing Corp.
Suite 211, American City Building
Columbia, Maryland 21044

SDP-82-53



SEDIMENT TRAP		TABULATION	
TRAP NO.	TYPE	STORAGE REQ'D	STORAGE PROVIDED
1	S.O.ST. (5'x3)	0.6 X 1800 = 1080 CF	1092 CF
2	S.O.ST. (5'x3)	0.6 X 1800 = 1080 CF	1092 CF
3	S.O.ST. (5'x3)	0.3 X 1800 = 540 CF	540 CF
4	S.O.ST. (5'x3)	0.3 X 1800 = 540 CF	540 CF
5	S.O.ST. (5'x3)	0.3 X 1800 = 540 CF	540 CF

- LEGEND:**
1. Minor Interval 2' F.
 2. Existing Contour 32.0
 3. Proposed Contour 32.0
 4. Spot Elevation +20.5
 5. Direction of Drainage
 6. Exist Trees to be Saved
 7. Perimeter Dike
 8. Straw Bale Dike or Silt Fence
 9. Stone Filter Inlet Protection
 10. Stone Construction Entrance
 11. Sediment Trap



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-18-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Joseph Boyd 2-23-82
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
Donald Harris 2-23-82
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Wm. F. Neppes 2-23-82
DATE

HOWARD COUNTY
U.S. Soil Conservation Service
U.S. DEPARTMENT OF AGRICULTURE
THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION CONTROL AND SEDIMENT CONTROL BY HOWARD COUNTY CONSERVATION DISTRICT.
William J. Rowe 2-23-82
Approved Date

LEVELER'S DECLARATION
I certify that all development and construction will be done in accordance with this plan of subdivision and plan for erosion and sediment control and that all responsible parties 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 will authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.
Paul Montgomery 10-16-81
Signature of Developer/Builder Date

ENGINEER'S DECLARATION
I hereby certify that the design and construction of the project will conform to the requirements of the Maryland State Department of Transportation and the Maryland State Department of Public Safety.
G. Nelson Clark 10-17-81
Date

Plot Reference: Plot Nos.

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 543-1400

DESIGNED BY *BP*

DRAWN BY *K.I.W.*

CHECKED BY *R.J.S.*

DATE 10-16-81

SEDIMENT & EROSION CONTROL PLAN
LOTS 1 THRU 13 & 17 THRU 37
MISSION HEIGHTS

SECTION 1 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: DIVERSIFIED HOUSING CORP.
SUITE 211, American City Building
Columbia, Maryland 21044

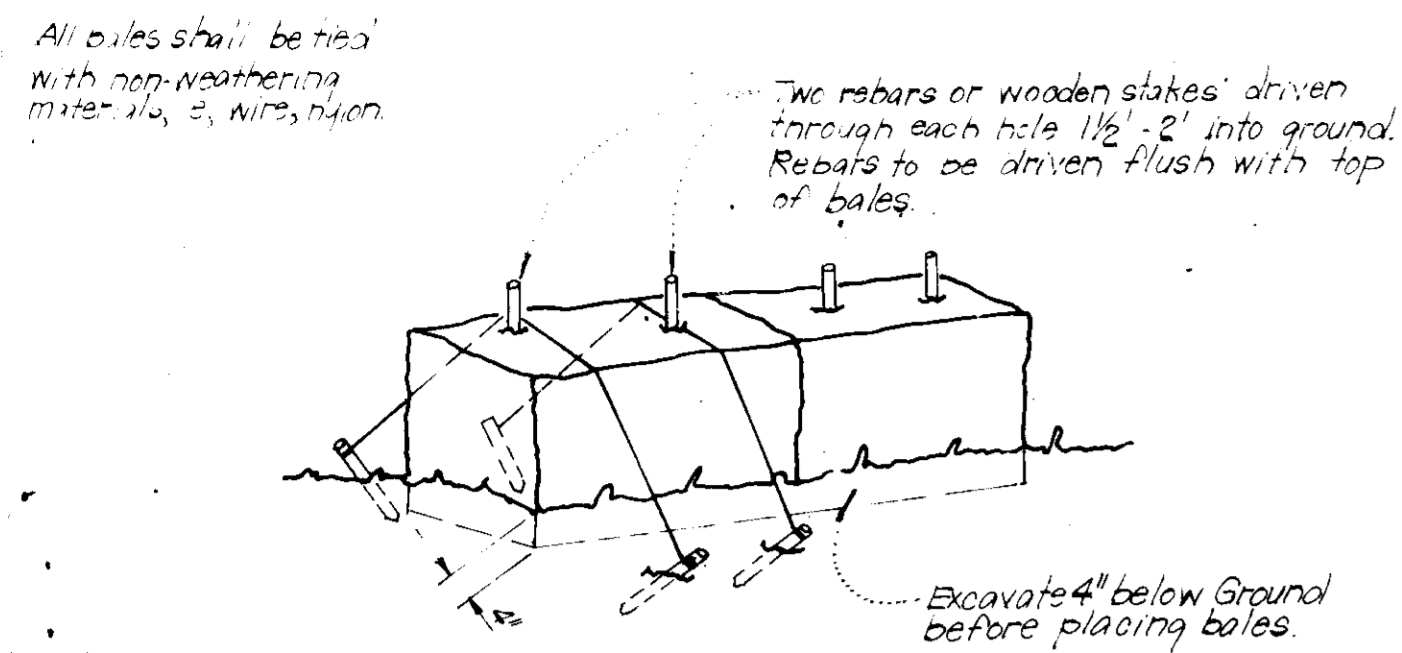
SCALE 1"=30'
DRAWING 2 OF 3
JOB NO. B-1076
FILE NO. B-1076-S2

SDP-82-53

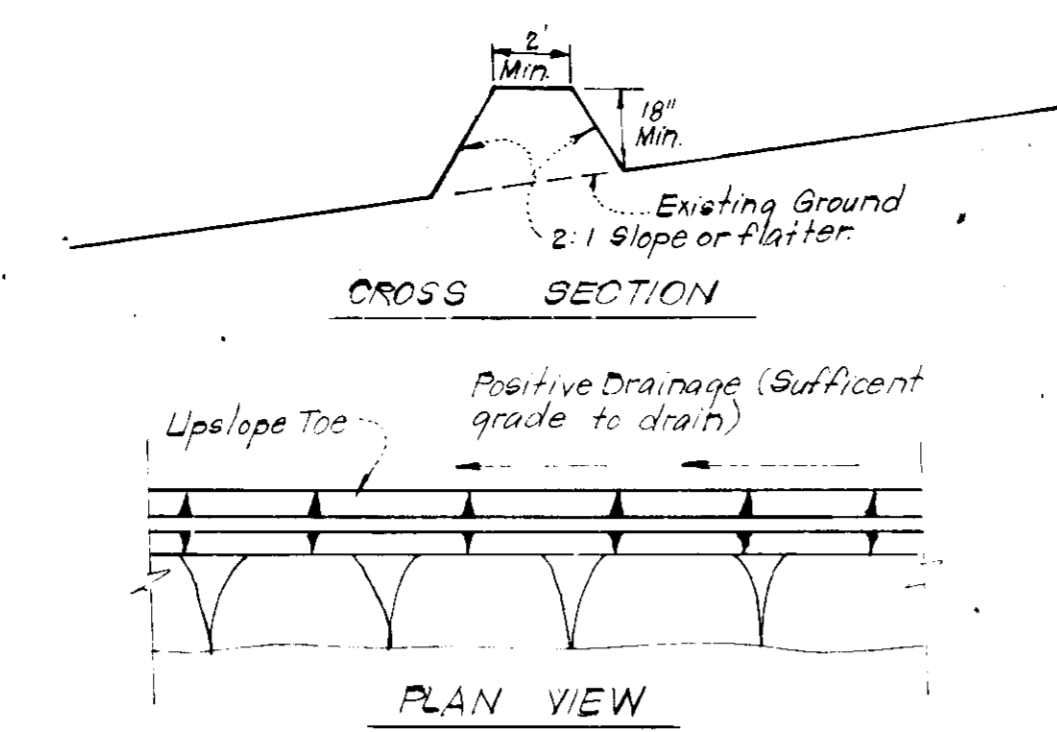
GENERAL NOTES

- 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 1.4 lbs/1000 s.f.
- 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 3 lbs/1000 s.f. Mixture - 40% Kentucky Blue, 20% Dornier Rescue, 20% Kentucky 31 and 20% annual ryegrass.
 - Fertilizer - 10-10-10 applied at a rate of 25 lbs/1000 s.f. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 s.f.
 - Mulch - Wood fibre grain straw applied at a rate of 70 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, chemical binder, etc.
 - 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 cleanout 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.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- Brushes are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- Total Amount of Straw Bales or Silt Fence Shown = 1400 LF
- SITE ANALYSIS:

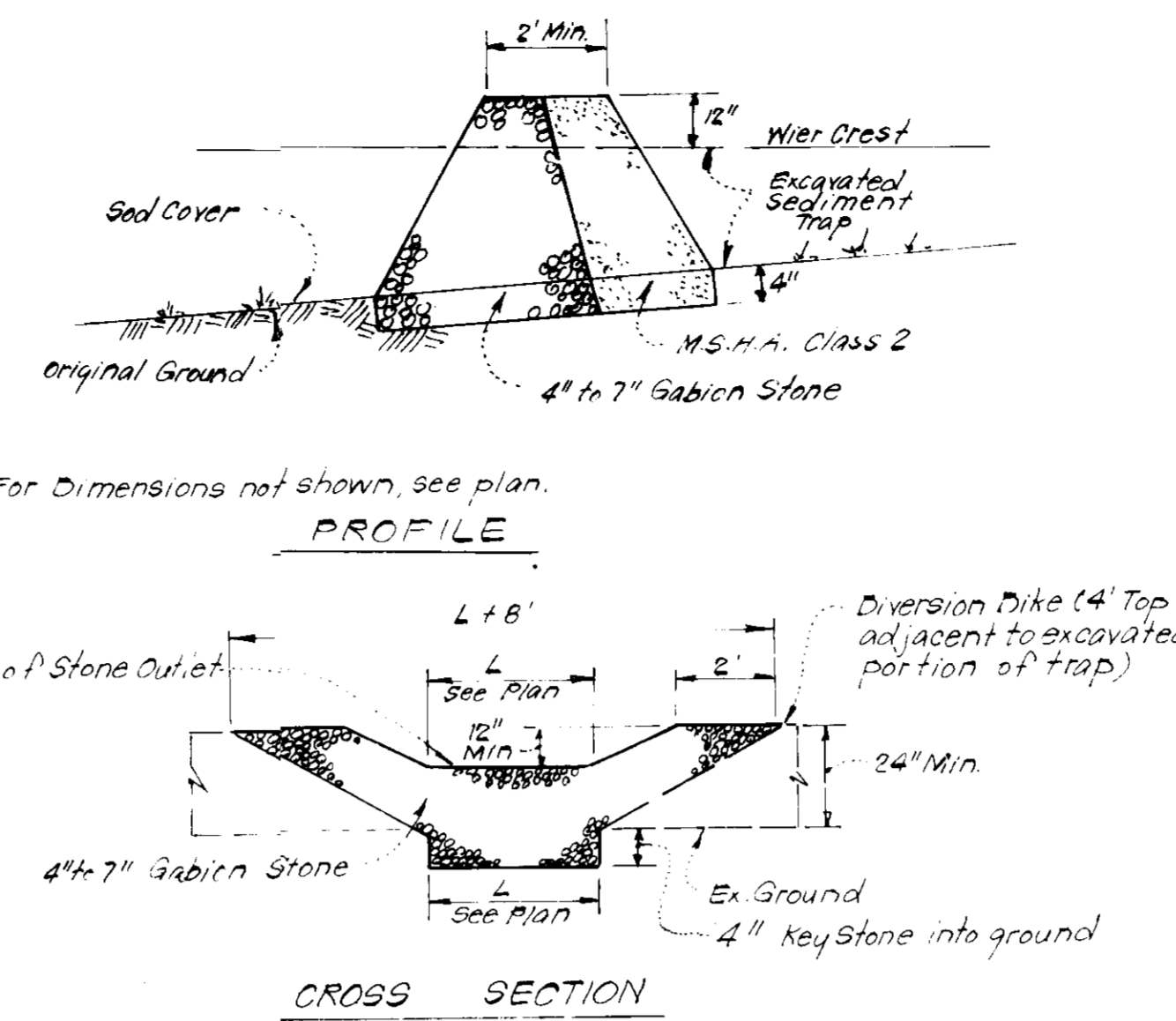
Total Area	5.326	Acres
Area to be Roofed	0.758	Acres
Area to be Paved	0.349	Acres
Area to be Seeded	3.918	Acres
Area Undisturbed	0.301	Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Sidewalks.
 - Final Grade and Stabilize in accordance with note #6.
- 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.



TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale

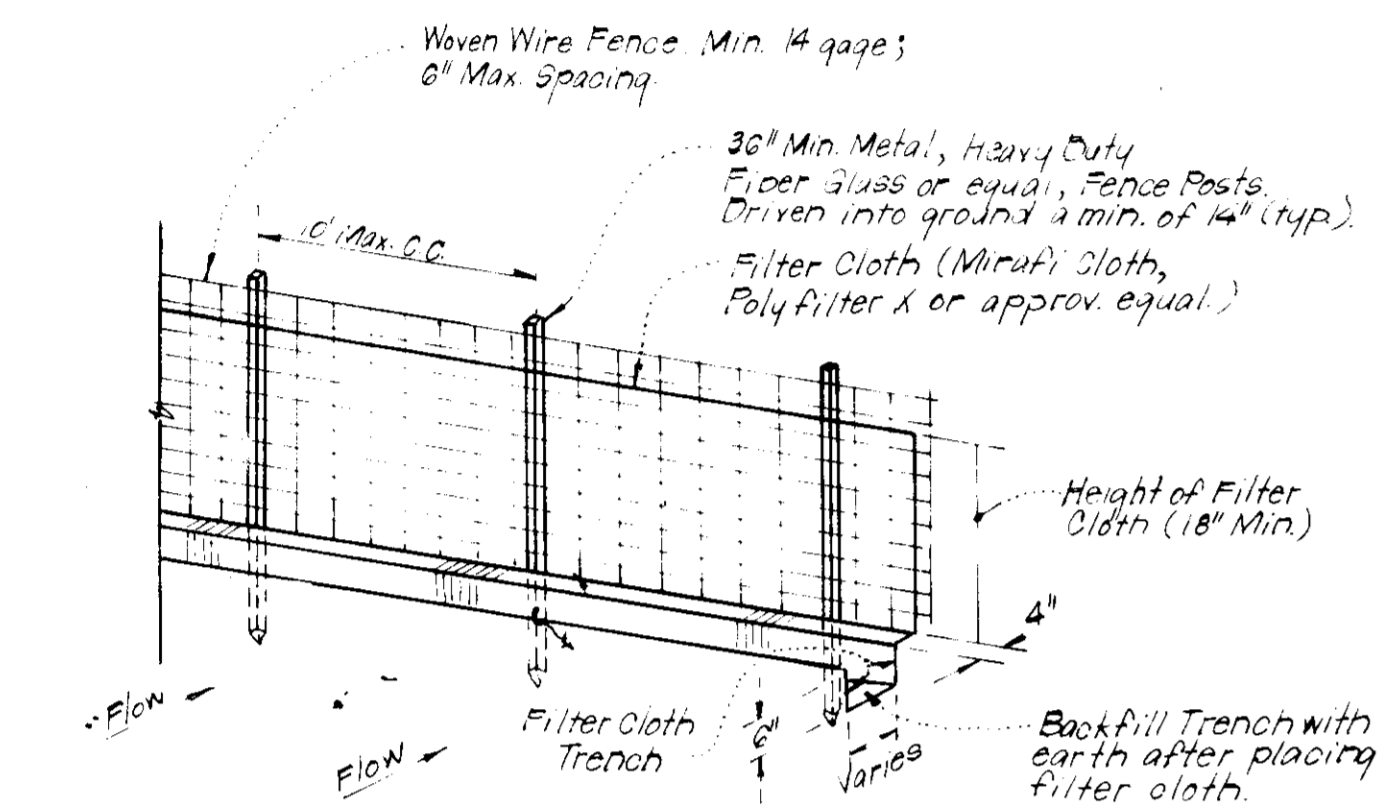


TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale

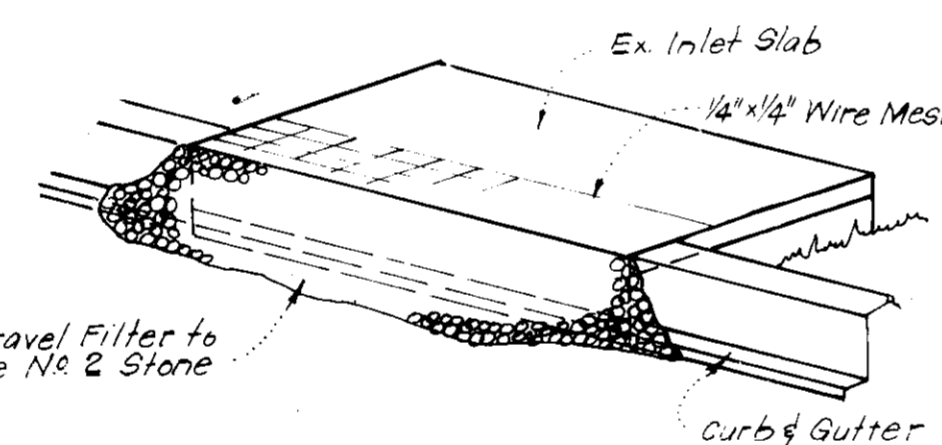


- Notes:
- Sediment Trap to be cleaned out when sediment reaches a level of 1 ft below crest of stone outlet.
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 - Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.

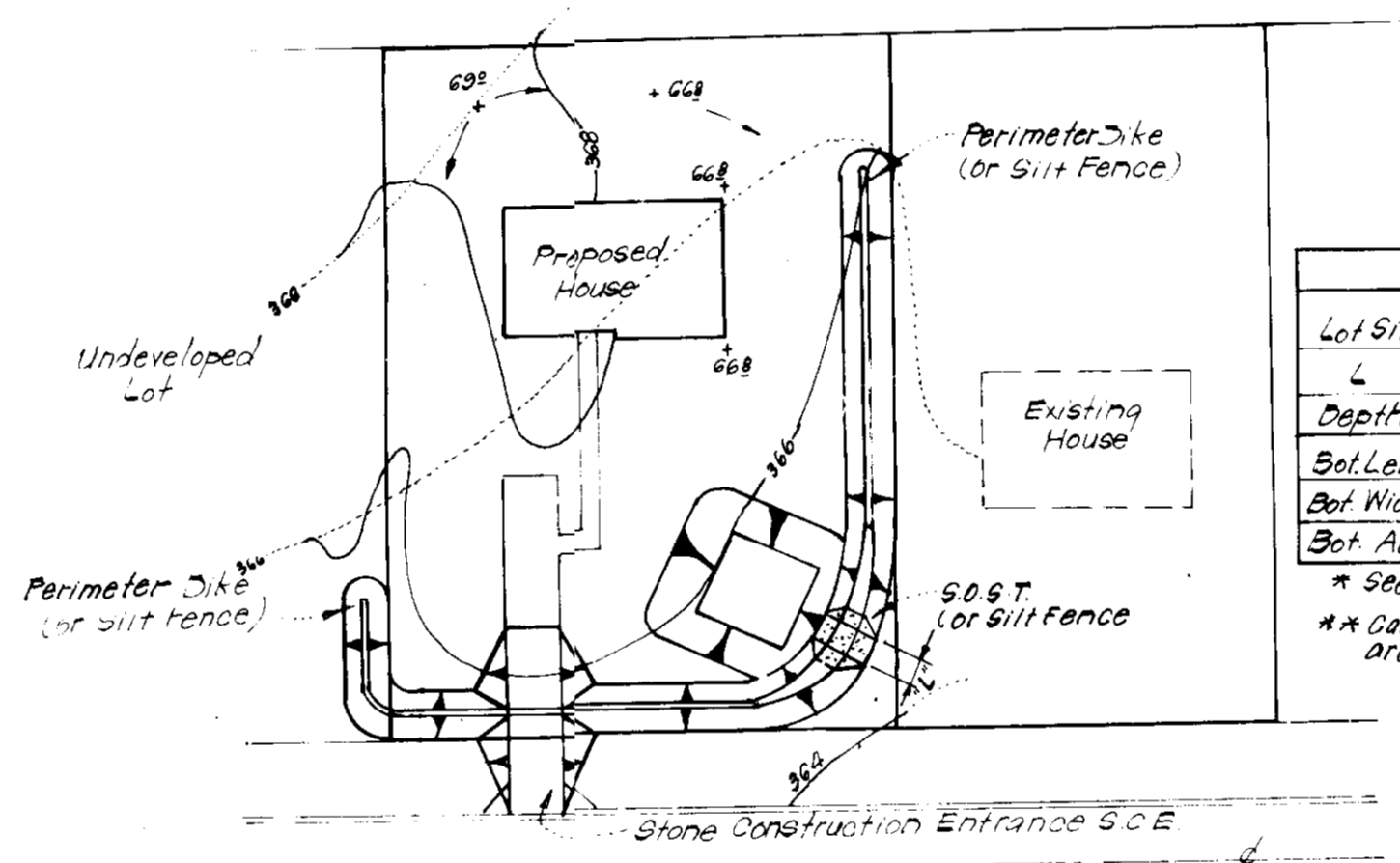
DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale



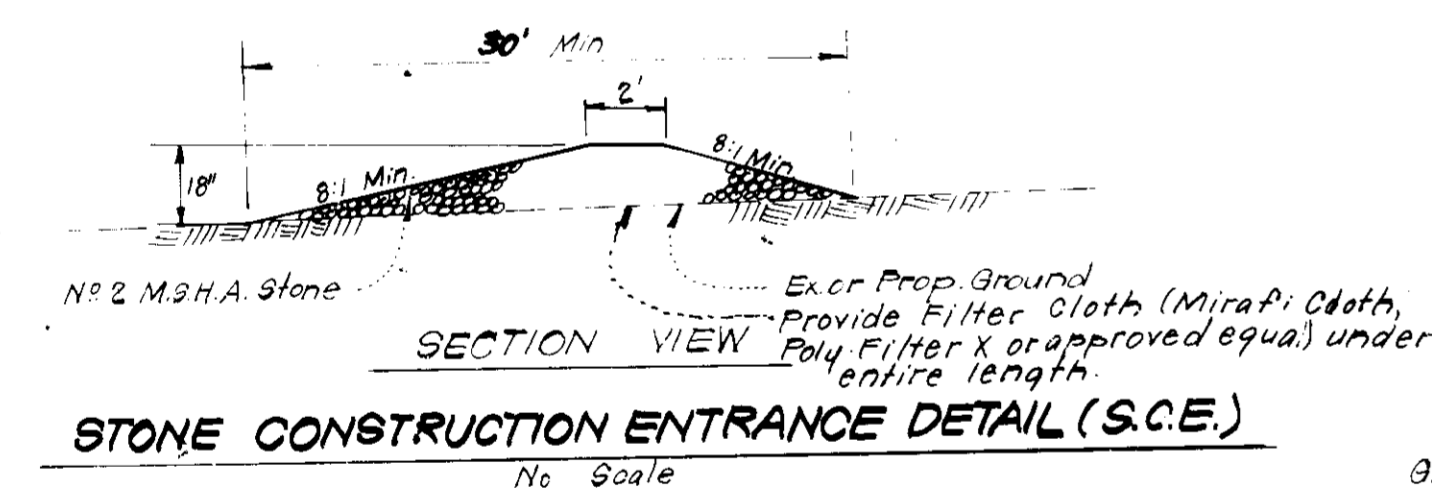
TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



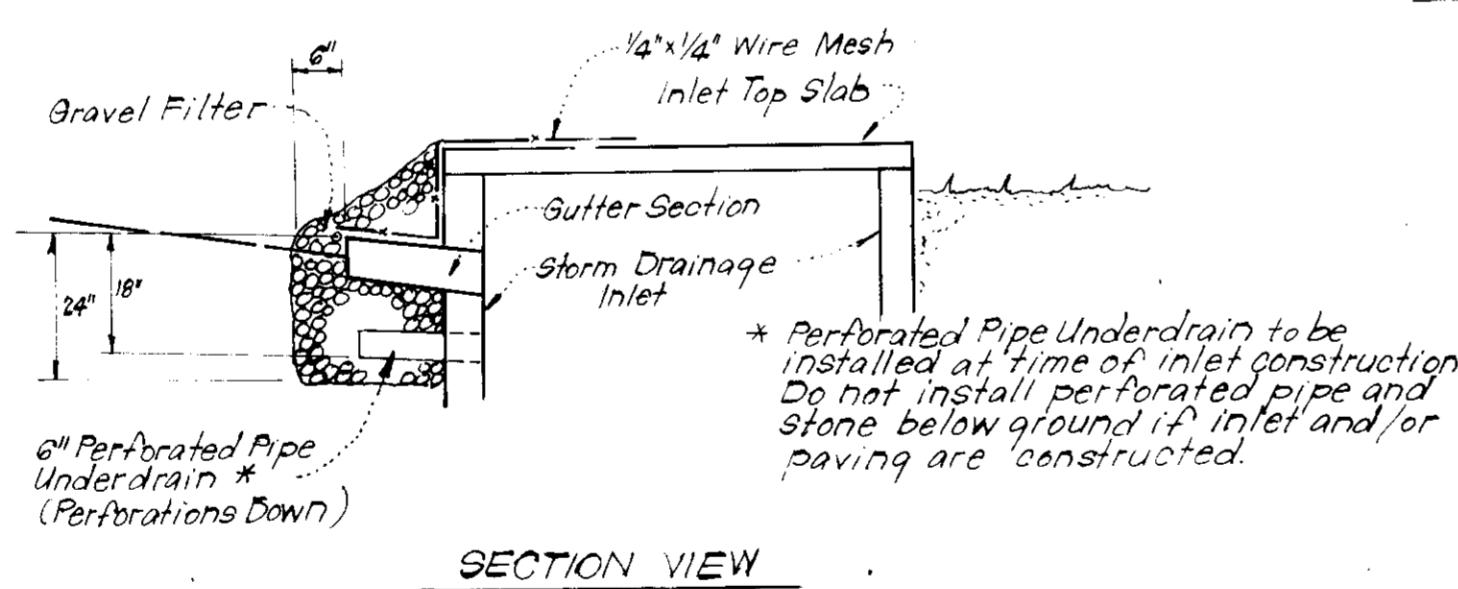
ISOMETRIC VIEW



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale



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

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 2-21-82

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 2-23-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2-16-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2-11-82

Reviewed for HOWARD S.C.D.
and meets the requirements
Signature: [Signature]
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL CONSERVATION DISTRICT
CONSERVATION DISTRICT

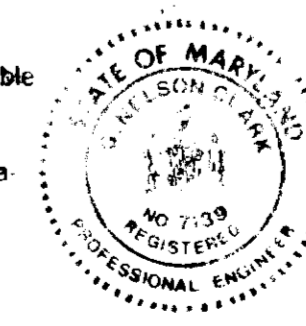
Signature: [Signature]
Date: 2-9-82

DEVELOPER'S BUILDERS' CERTIFICATE
I hereby certify that all foundation and construction work will be done according to the approved plans and specifications and that the construction control and maintenance of the site will be in accordance with the construction control and maintenance plan submitted to the Bureau of Inspections and Permits and approved by the Bureau of Inspections and Permits 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 is deemed necessary.

Signature: Paul M. Isomery
Date: 10-16-81

ENGINEER'S CERTIFICATE
I hereby certify that the plan for the design and construction of Sediment Control Measures is practical and workable and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature: [Signature]
Date: 10-19-81



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

DESIGNED BY: B.P.
DRAWN BY: A.L.W.
CHECKED BY: R.J.S.
DATE: 10-16-81

SCALE: As Shown
30x3
JOB NO: 81-076
FILE NO: 81-076-SE

SECTION 1 AREA 1
GMELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: DIVERSIFIED HOUSING CORP.
Suite 211, American City Bldg.
Columbia, Md 21044

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 12-18-81
JUN

SDP-82-53