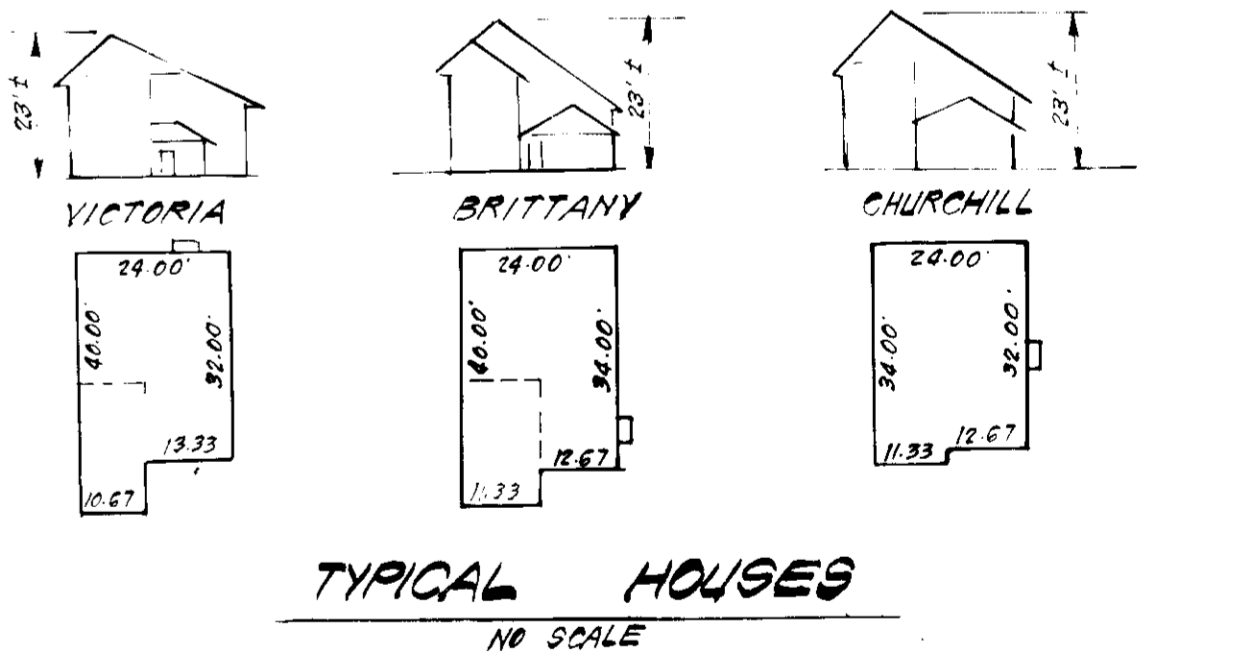


- GENERAL NOTES:**
- The Land included in this plan is zoned New Town Attached
 - The Lots shown are covered by Final Development Plan Phase 1B Part 1-A.1
 - The area covered is located on Tax Map No. 42
 - The total area included in this plan is 2.736 Acres
 - All Roadways are Public & Existing
 - Number of Units shown: 27
 - All coordinates are based on traverse controls for Columbia established by MAPS, Inc. in 1965 by Purdum & Vaschke in 1969 which controls were tied to Maryland Bureau of Control survey monuments and to U.S. Coast and Geodetic Survey monuments in the Columbia area
 - Any damage to county owned rights of way or paving shall be corrected at developers expense
 - The contractor or developer shall contact the Construction Inspection/ Survey Division, 24 hours in advance of commencement of work at 302 2417 or 302 2418
 - Building Coverage on the smallest lot (Lot A-407) is 35%, for Plan Submission area, the coverage is 22%
 - Parking Spaces Required: 54 Spaces Provided: 63

LEGEND:

1. Contour Interval	2' F
2. Existing Contour	340
3. Proposed Contour	340
4. Spot Elevation	+405
5. Direction of Drainage	→
6. Walk-Out Basement	Existing Proposed
7. Sewer House Connection	Existing Proposed
8. Water House Connection	Existing Proposed



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 10-20-82

PLAT REF: PLAT NO 5288

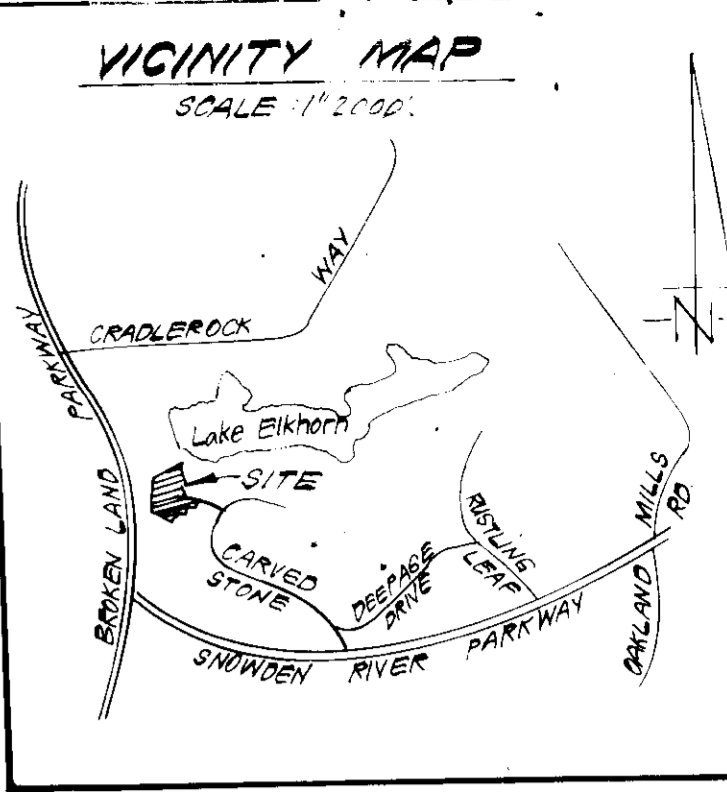
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS:
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 11-10-82

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 11-15-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 11-8-82

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 1315 LUKWOOD DRIVE • COLUMBIA, MARYLAND 21004 (301) 541-1400		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS A-400 THRU A-430	SCALE 1"=30'
DRAWN K.I.W.	COLUMBIA	DRAWING 10F4
CHECKED J.M.E.	VILLAGE OF OWEN BROWN SECTION 2 AREA 1 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 82-030
DATE 9-20-82	FUR: ELITE HOME CORPORATION 3800 C. LORRAINE PARKWAY JANON, MARYLAND 20814	FILE NO. 82-030-X

Donald J. Sackett



TRAP #3 S.O.S.T. (ST-3)
 D.A. = 0.5 Acre
 Storage Required = 0.5 x 1800 = 900 cf
 Storage Provided = 900 cf
 Depth = 3'
 Top of Stone Crest = 329.0
 Bottom Elevation = 326.0
 Bottom Dimensions = 9' x 14'

TRAP #2 S.O.S.T. (ST-3)
 D.A. = 1.2 Acres
 Storage Required = 1.2 x 1800 = 2160 cf
 Storage Provided = 2160 cf
 Depth = 3'
 Top of Stone Crest = 321.0
 Bottom Elevation = 318.0
 Bottom Dimensions = 6' x 54'

TRAP #1 S.O.S.T. (ST-3)
 D.A. = 0.7 Acre
 Storage Required = 0.7 x 1800 = 1260 cf
 Storage Provided = 1260 cf
 Depth = 3'
 Top of Stone Crest = 339.0
 Bottom Elevation = 336.0
 Bottom Dimensions = 4' x 36'

- LEGEND:**
- 1. Contour Interval 2 Ft
 - 2. Existing Contour - - - - -
 - 3. Proposed Contour - - - - -
 - 4. Spot Elevation 1405
 - 5. Direction of Drainage →
 - 6. Walk-Out Basement Existing Proposed
 - 7. Sewer House Connection Existing Proposed
 - 8. Water House Connection
 - 9. Picket Fence with gate
 - 10. Board on Board Privacy Fence
 - 11. Perimeter Dike P.D.
 - 12. Stone Filter Inlet Protection S.F.I.P.
 - 13. Sediment Trap SBD/SF
 - 14. Straw Bale Dike/Silt Fence
 - 15. Stone Construction Entrance S.C.E.

Reviewed for: Howard S.C.D.
 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.

William J. Rame 11-2-82
 Approved Date

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 11-10-82
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 11-15-82
 PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC WORKS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-12-82
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC WORKS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-8-82
 DIRECTOR DATE

[Signature] 11-3-82
 CHIEF BUREAU OF ENGINEERING DATE

VILLAGE OF OWEN BROWN SECTION 2 AREA 1 PLAT 4323



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 9-16-82
 Date

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 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.
Thomas Laurence 9-15-82
 Date

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 10-20-82

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

DESIGNED R.P.	SEDIMENT & EROSION CONTROL PLAN LOTS A-404 THRU A-430 COLUMBIA VILLAGE OF OWEN BROWN SECTION 2 AREA 1 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: PULTE HOME CORPORATION 3802 C. George Palmer Highway Lanham, Maryland 20801	SCALE 1"=30'
DRAWN V.L.B. K.I.W.		DRAWING 2 OF 4
CHECKED R.P.		JOB NO. 82-030
DATE 9-15-82		FILE NO. 82-030-5E
S.D.P. 83-29 C		

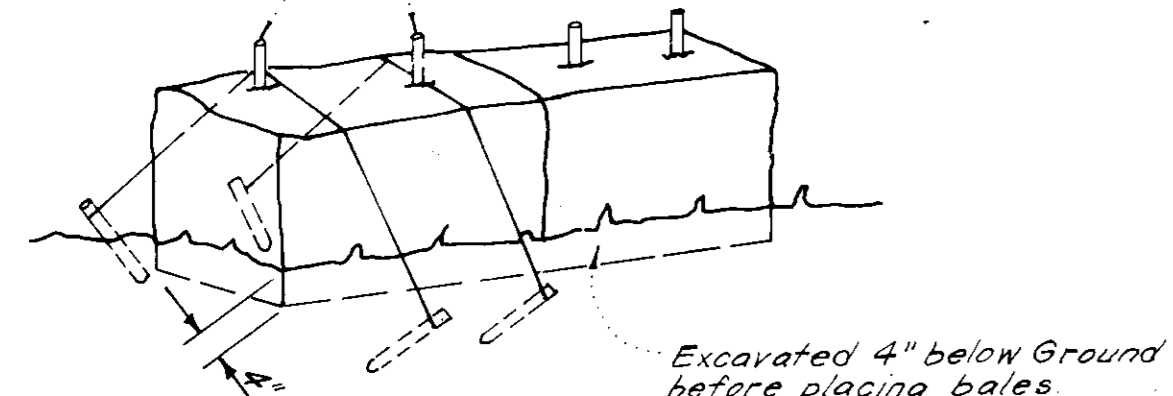
SDP-83-29

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 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 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 developers 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.
- Total Amount of Straw Bales or Silt Fence shown = 130 L.F.
- SITE ANALYSIS:

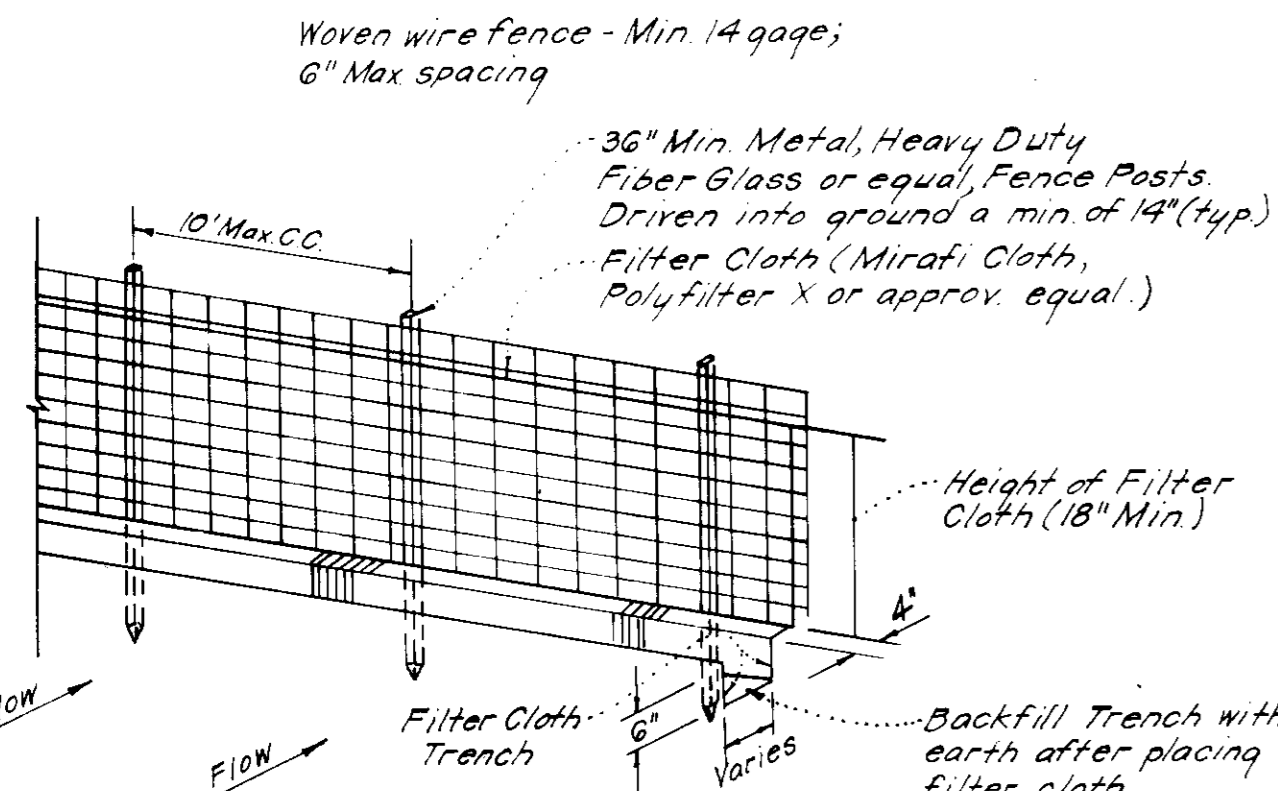
A. Total Area:	2.736 Acres
B. Area to be Roofed:	.524 Acres
C. Area to be Paved:	.179 Acres
D. Area to be Seeded:	1.802 Acres
E. Area Undisturbed:	.231 Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6.

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



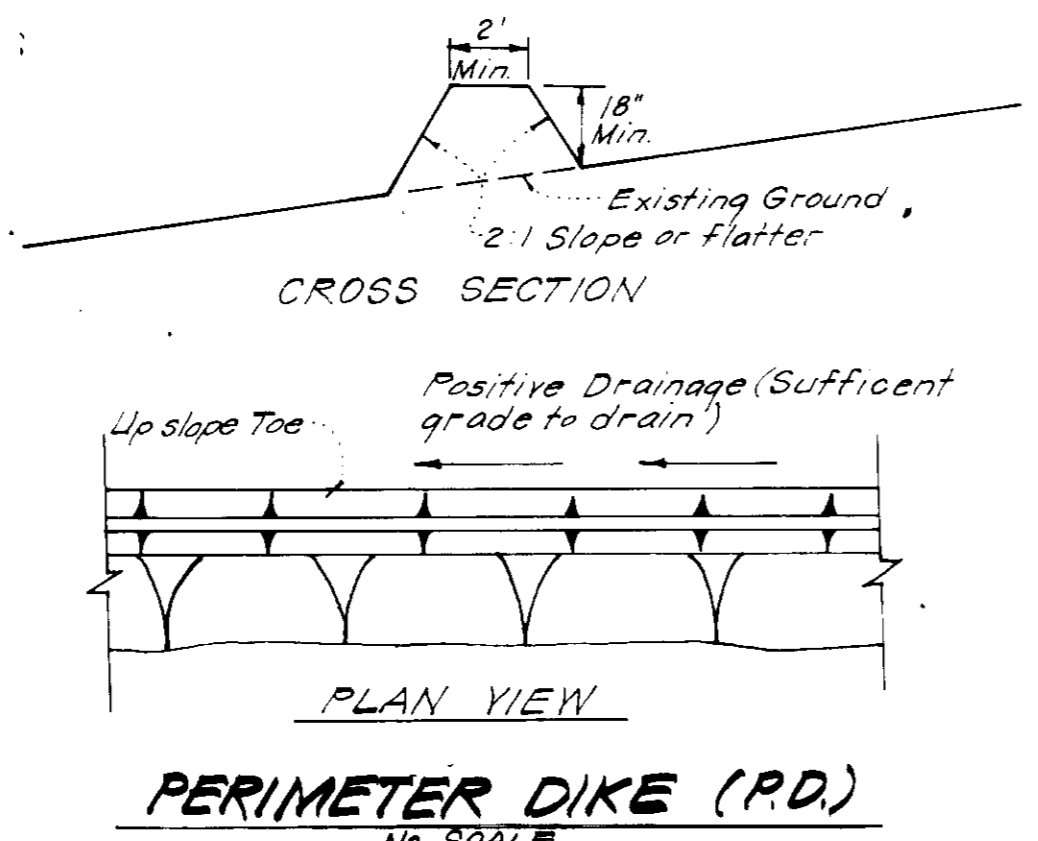
Note:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above)

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

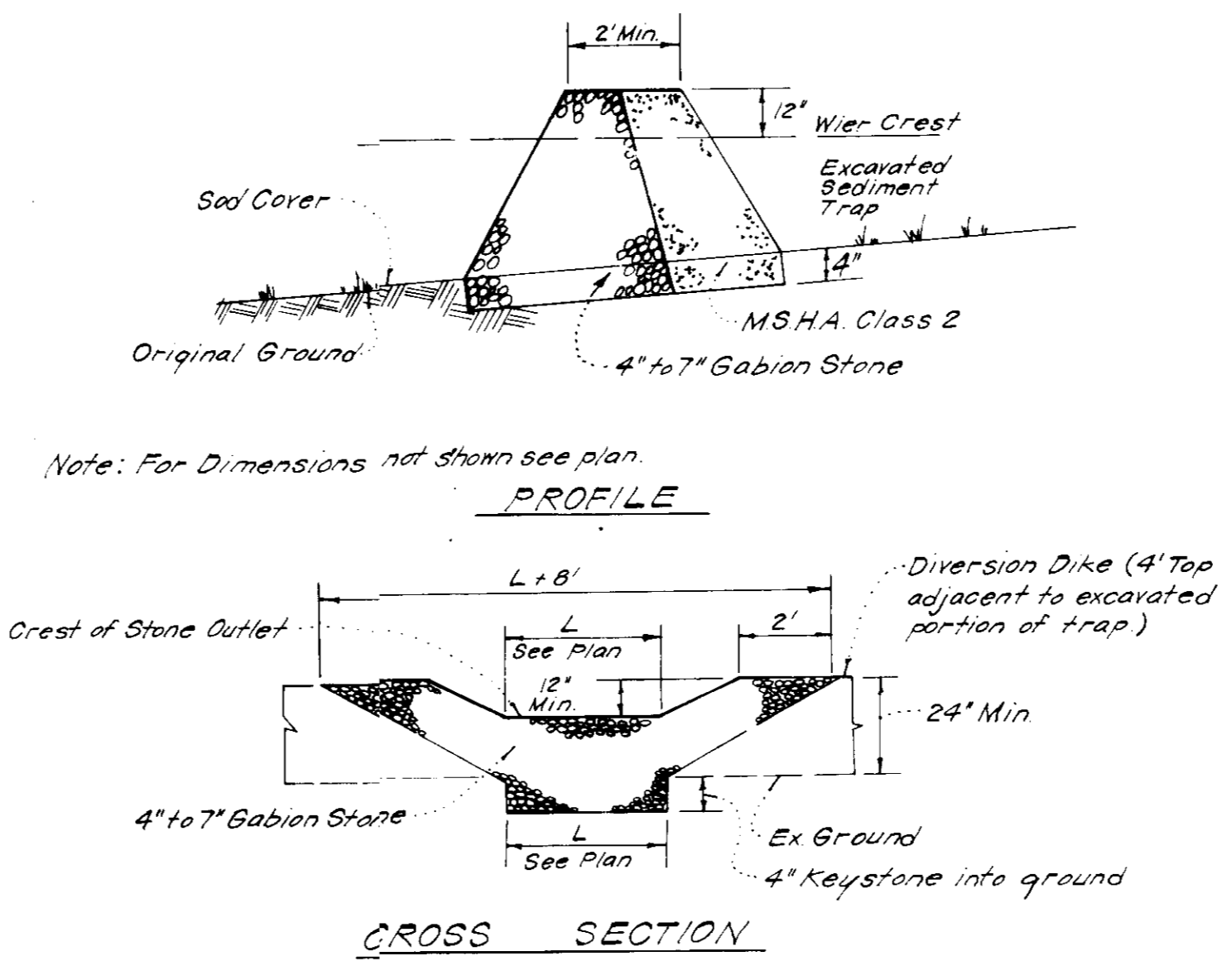


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

SILT FENCE DETAIL (S.F.)
No SCALE

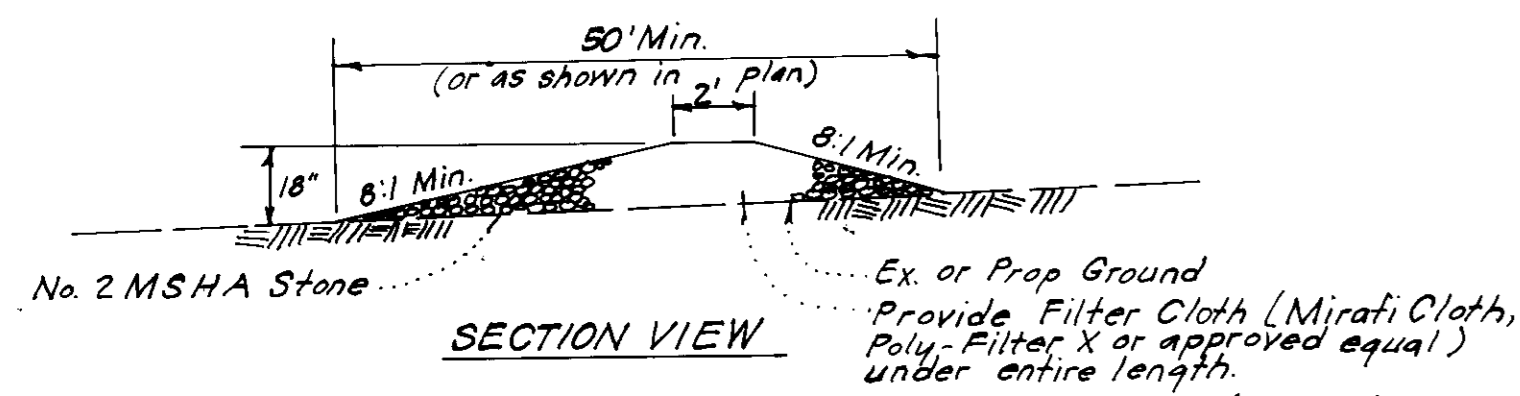


PERIMETER DIKE (P.D.)
No SCALE

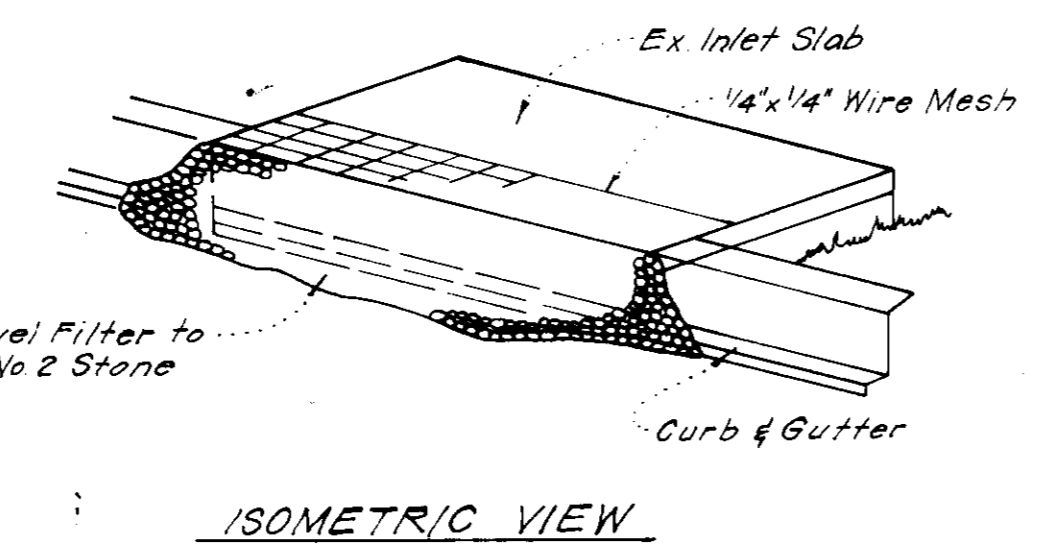


Note: For Dimensions not shown see plan.
Notes:
1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet.
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
3. Stone Outlet to be constructed through diversion dike adjacent to excavated.

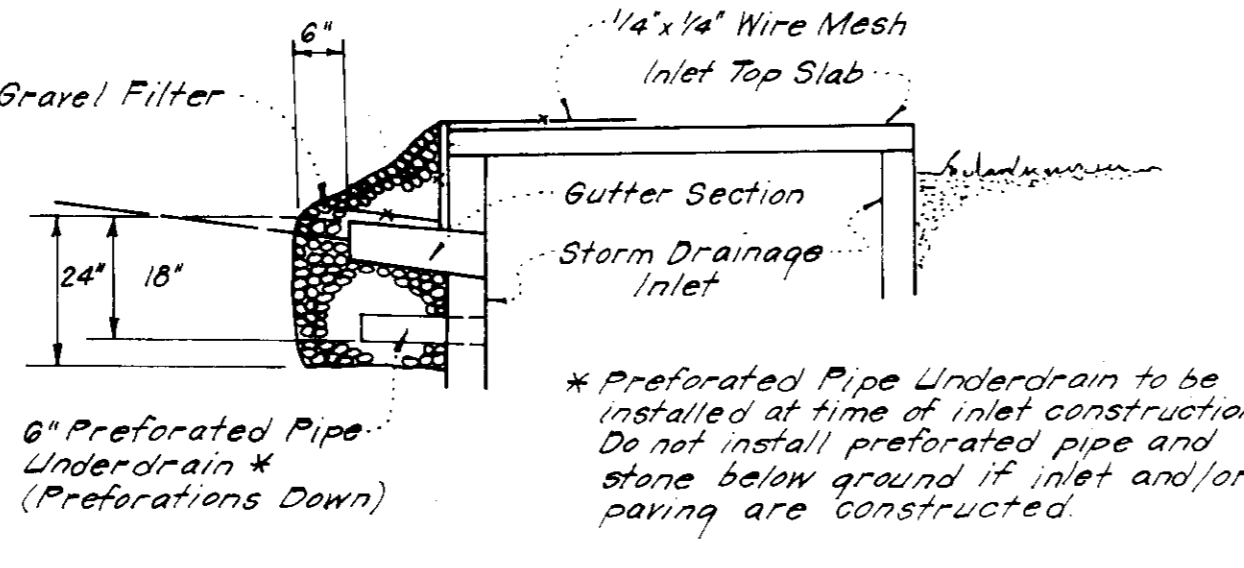
DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
No SCALE



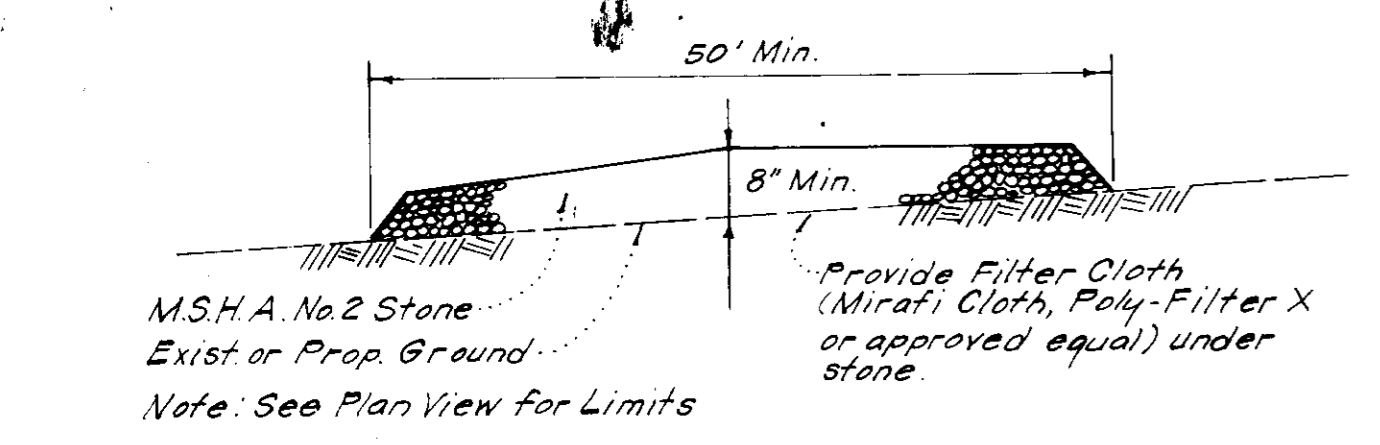
STONE CONSTRUCTION ENTRANCE (S.C.E.)
No Scale



ISOMETRIC VIEW



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



STABILIZED CONSTRUCTION ENTRANCE
No SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-20-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 11-18-82
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 11-15-82
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-12-82
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] 11-8-82
DIRECTOR DATE

[Signature] 11-8-82
CHIEF BUREAU OF ENGINEERING DATE

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
[Signature] 11-2-82
Signature Date
U.S. Soil Conservation Service

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

[Signature] 11-2-82
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE
I hereby 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 of this 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.

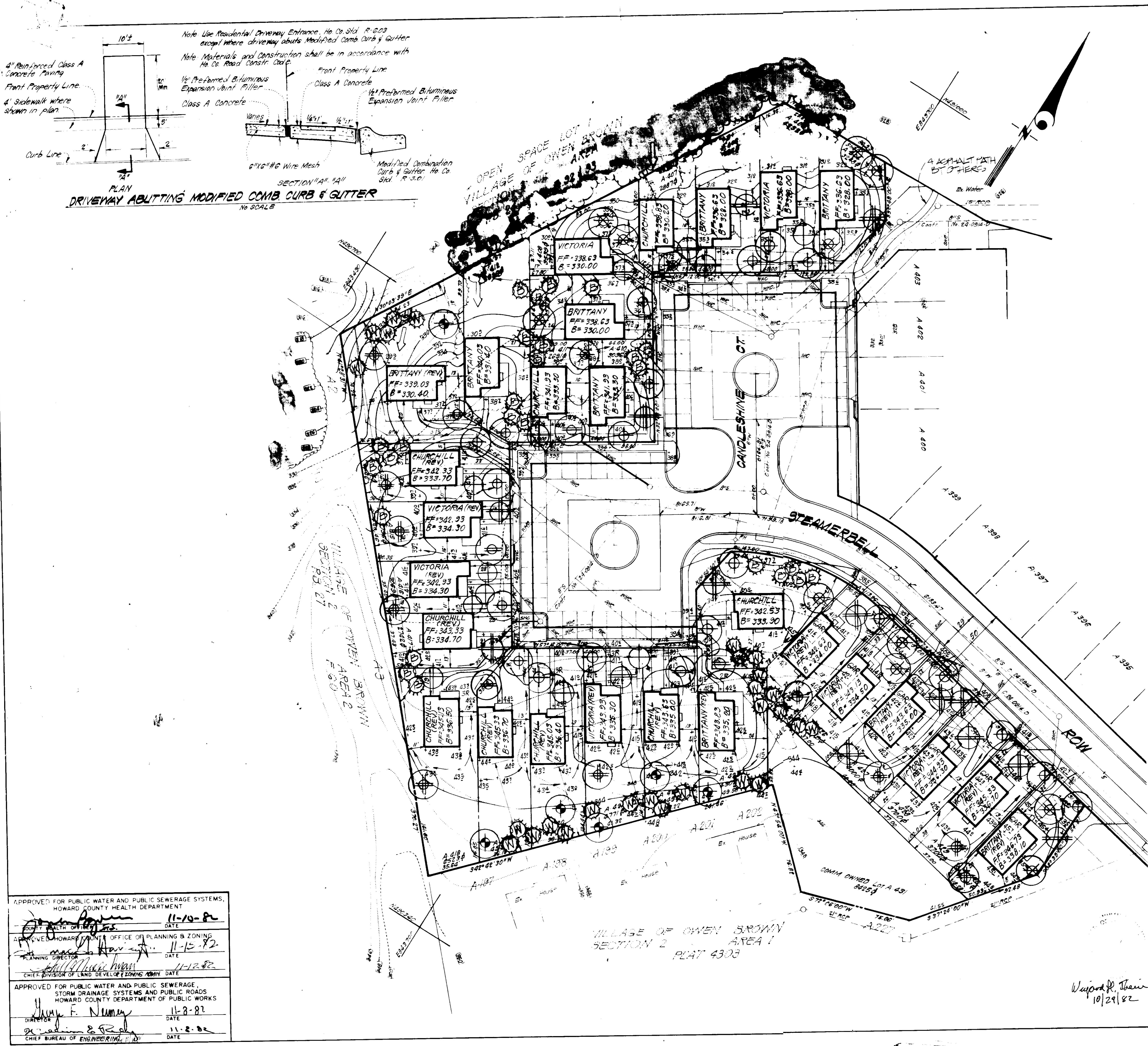
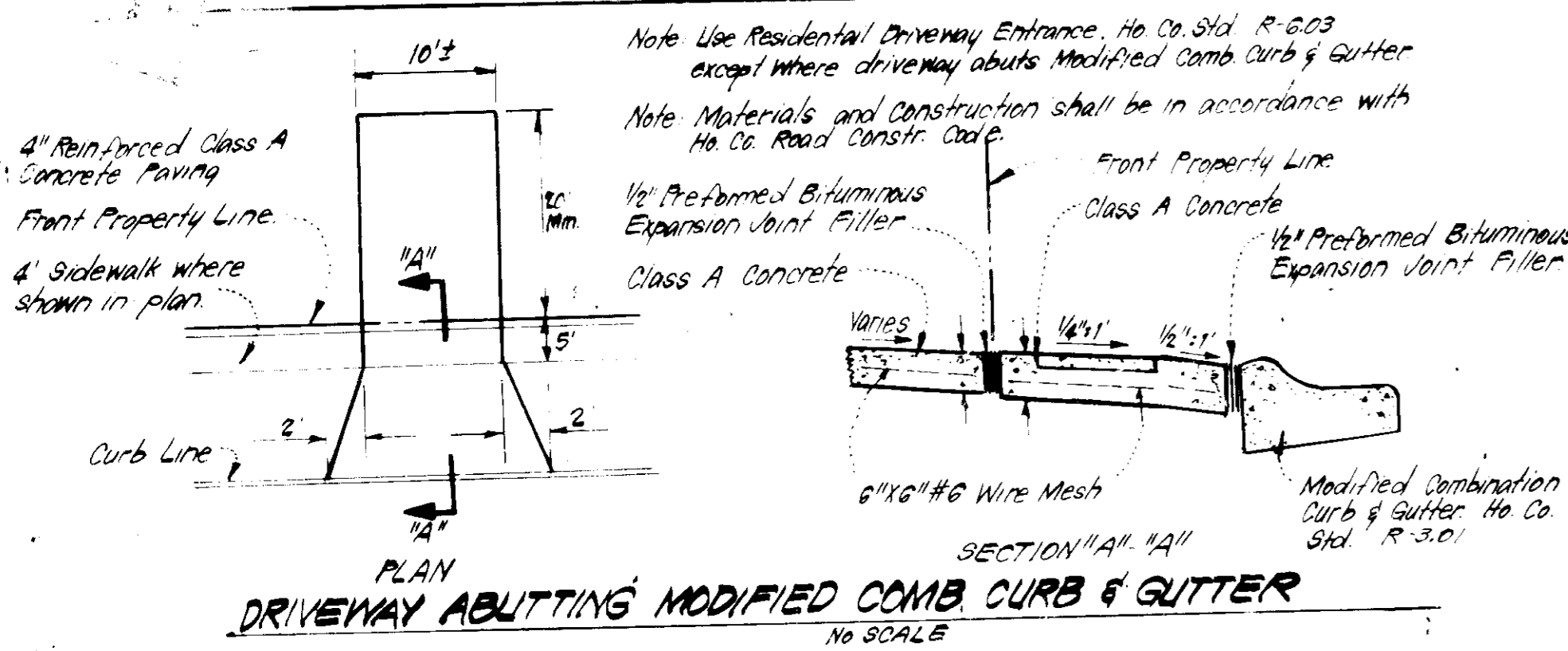
[Signature] 9-15-82
Thomas Laurence Date

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] 9-16-82
G. Nelson Clark Date



CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 301-543-3401	
DESIGNED R.P.	SCALE As Shown
DRAWN Y.L.B.	DRAWING 3 OF 4
CHECKED R.P.	JOB NO 82-030
DATE 9-15-82	FILE NO 82-0305E
SEDIMENT & EROSION CONTROL PLAN LOTS A-404 THRU A-430 COLUMBIA VILLAGE OF OWEN BROWN SECTION 2 AREA 1 ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: PULTE HOMES CORPORATION 9602 C George Palmer Highway Lanham, Maryland 20801	
S.D.P. 83 29C SDP-83-29C	



PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
⊕	ACER RUBRUM OCTOBER GLORY	2 1/2 GAL	19	B&B HEAVY
⊕	COTONEASTER GLOBOSA MAJLE	2-1/2 FT	10	HEAVY
⊕	FRAXINUS P. LANCEOLATA GREEN ASH		4	
⊕	LIQUIDAMBAR (OTRACIFLIA) SWEETGUM		6	
⊕	ACER PLATANOIDES NORWAY MAPLE		6	
⊕	SOPHORA JAPONICA REGENT JAPANESE PAGODA TREE		6	
⊕	PRUNUS CERULEATA KWANZAN KWANZAN CHERRY	2-2 1/2 GAL	0	
⊕	MALUS RADANT RADANT CRABAPPLE	2-10 FT	10	
⊕	AMELANCHIER (CANADENSIS) SHADBLOW CLUMP		6	
☀	PINUS STROBUS EASTERN WHITE PINE	10-12 FT	27	B&B HEAVY
☀	PINUS THUNBERGII JAPANESE BLACK PINE		20	

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 10-20-82
CLM

NOTES:
 1. ALL PLANTING SHALL BE IN COMPLIANCE WITH THE STANDARD AND COLUMBIA PLANTING SPECIFICATION.
 2. CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO DIGGING.
 3. SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 11-10-82
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 11-15-82
PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-8-82
DATE

CHIEF BUREAU OF ENGINEERING DATE

CLARK • FINEPROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LUCKWATER DRIVE • SUITE 100 • JENKINS, MARYLAND 21111

DESIGNED JBC
DRAWN
CHECKED VHT
DATE 9-14-82

LANDSCAPE PLANTING PLAN
LOTS 2406 THRU 2-430
COLUMBIA
VILLAGE OF OWEN BROWN 2/1
HOWARD COUNTY, MARYLAND
FOR: PULTE HOME CORP
9402 C GEORGE PALMER HNT
LANHAM, MARYLAND 20887

SCALE 1" = 32'
DRAWING 40P4
JOB NO. PC 0250
FILE NO. LPS 32040

SDP-83-29.0