

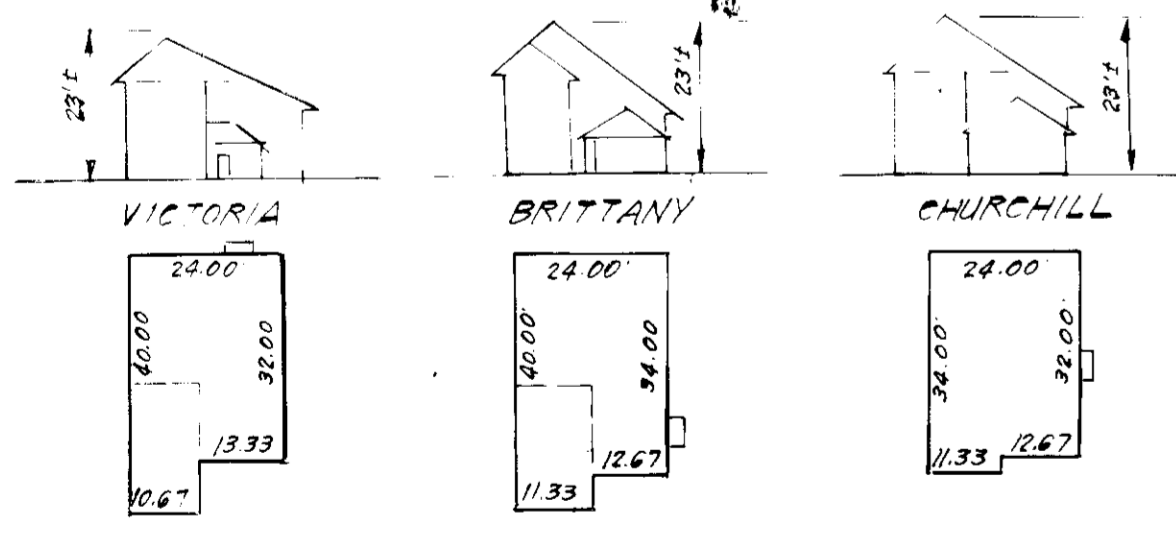
LEGEND:

- 1. Contour Interval 2ft
- 2. Existing Contour - - - - -
- 3. Proposed Contour - - - - -
- 4. Spot Elevation + 309
- 5. Direction of Drainage →
- 6. Walk Out Basement
- 7. Sewer House Connection
- 8. Water House Connection

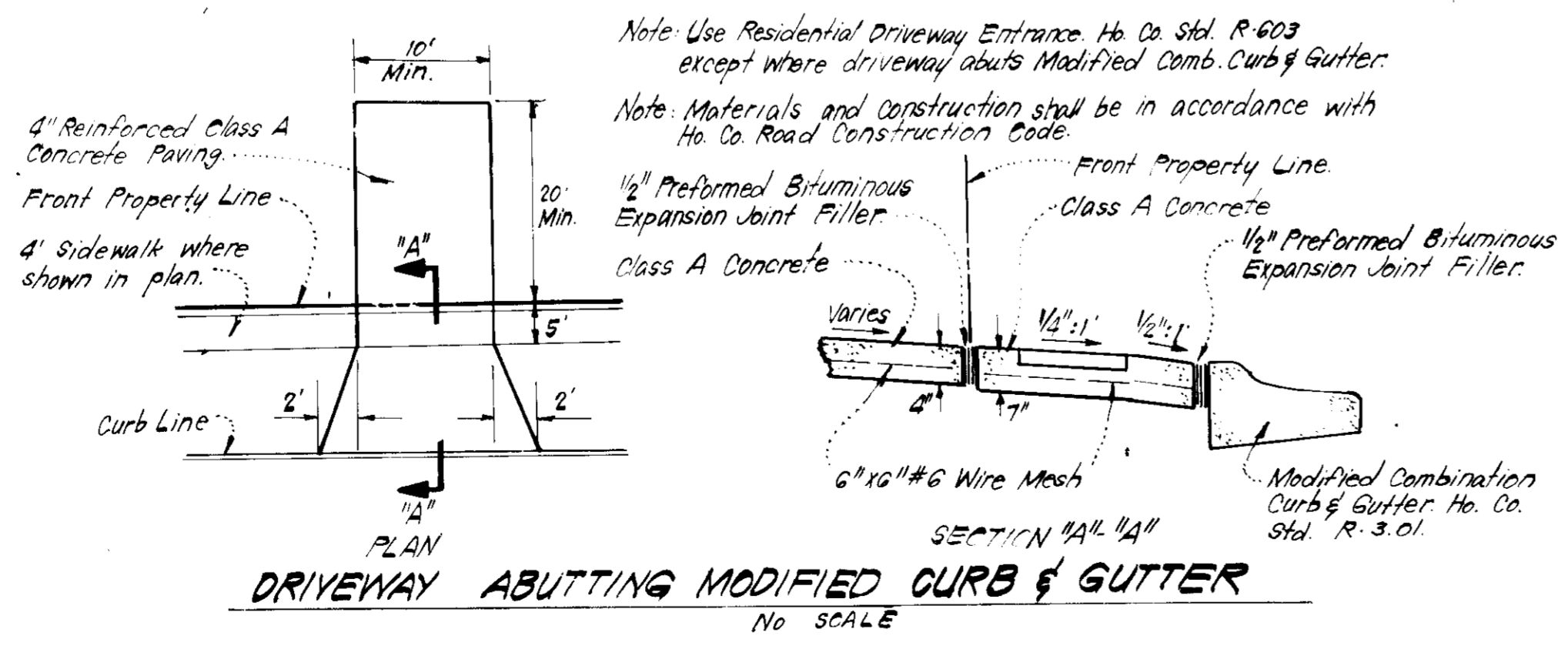
GENERAL NOTES:

- 1. The Land included in this plan is zoned New Town attached.
- 2. The Lots shown are covered by Final Development Plan Phase I/B Part 1 A 1
- 3. The area covered is located on Tax Map No 42.
- 4. The total area included in this plan is 3.765 Acres
- 5. All Roads are Public & Existing.
- 6. Number of Units shown: 23
- 7. All coordinates are based on traverse controls for Columbia established by W&P, Inc. in 1965 by RUDOLPH JESCHKE in 1968 which controls were used to Maryland Bureau of Geology survey monuments and to U.S. Coast and Geodetic Survey monuments in the Columbia area.
- 8. Any damage to county owned rights of way or paving shall be corrected at developer's expense.
- 9. 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.

11-3-82
J.M.M.



TYPICAL HOUSES
NO SCALE



DRIVEWAY ABUTTING MODIFIED CURB & GUTTER
NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

James M. Boyd, M.D./E.S. 12/28/82
SPECIAL HEALTH OFFICER DATE

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING

John W. Mullaney 12/8/82
PLANNING DIRECTOR DATE

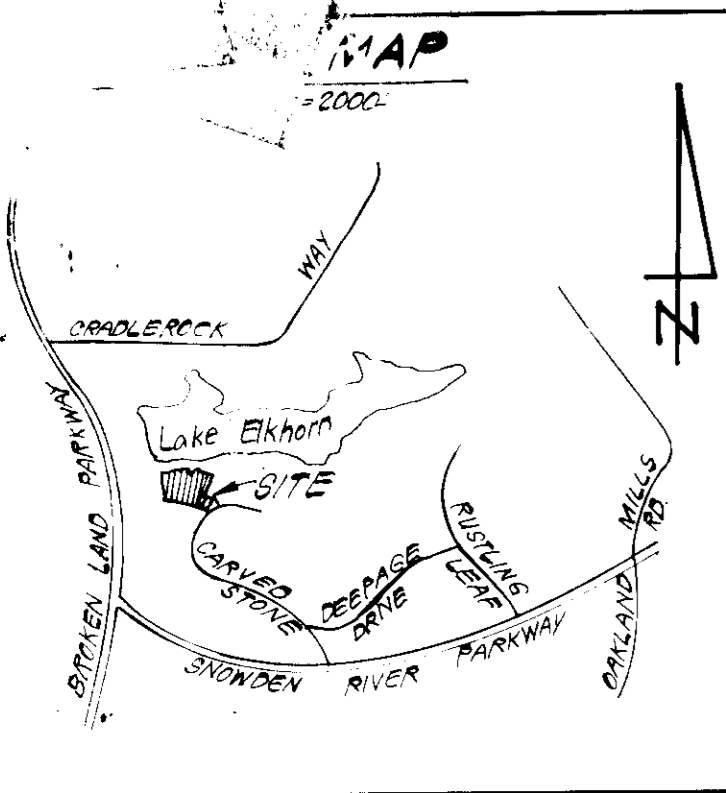
CHIEF DIVISION OF LAND DEVELOPMENT & PLANNING ADMIN. DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

John W. Mullaney 12/8/82
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 301 593 3400	
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS A 361 THRU A 403 COLUMBIA VILLAGE OF OWEN BROWN SECTION 2 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'	
DRAWN K.I.W.		DRAWING 10/4	
CHECKED J.M.E.		JOB NO. 82-030	
DATE 3-28-82		FOR: FULTON HOME CORPORATION 3602 C. George Palmer Highway Lanham, Maryland 20681	FILE NO. 82-030-X



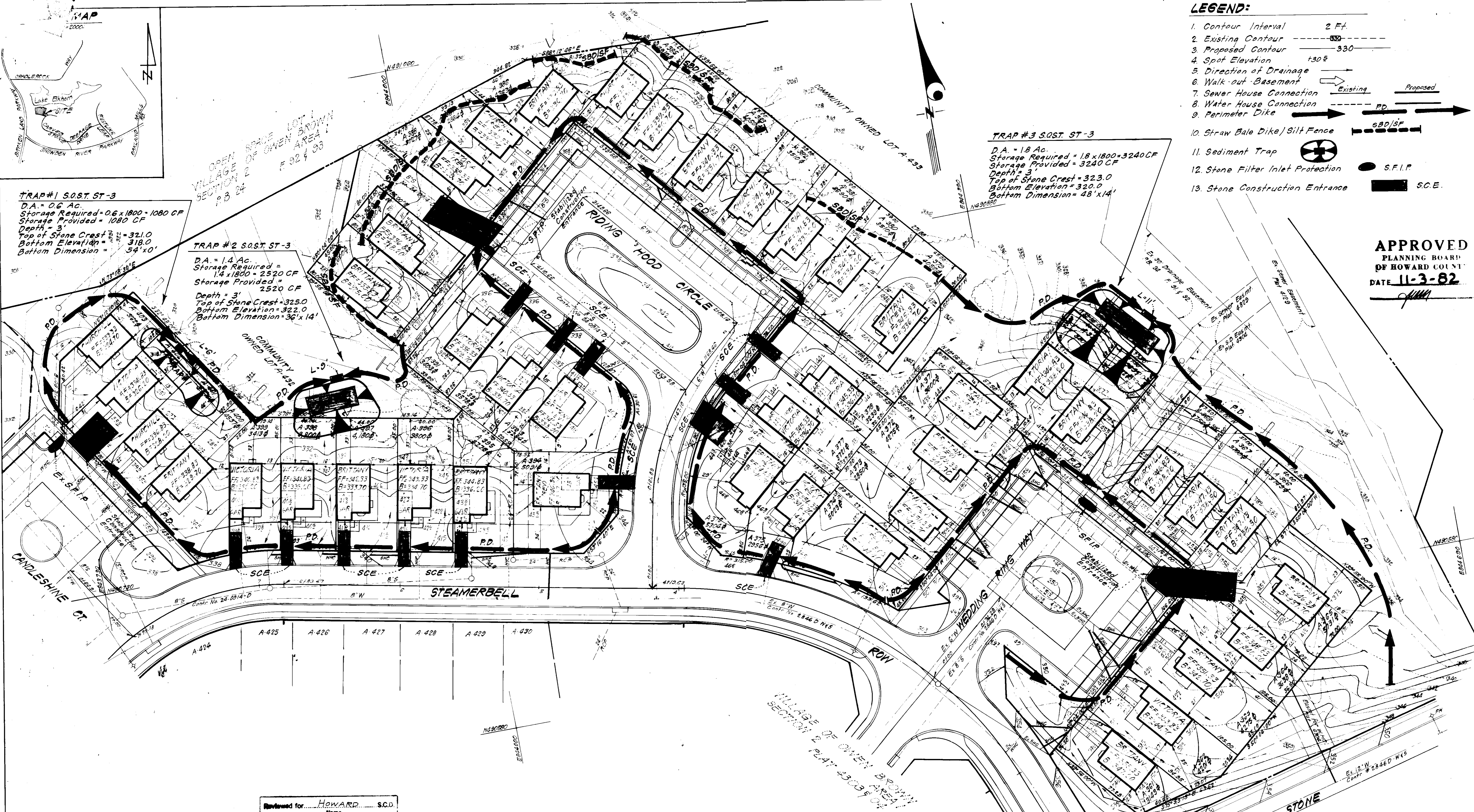
TRAP #1 S.O.S.T. ST-3
 D.A. = 0.6 Ac.
 Storage Required = 0.6 x 1800 = 1080 CF
 Storage Provided = 1080 CF
 Depth = 3'
 Top of Stone Crest = 321.0
 Bottom Elevation = 318.0
 Bottom Dimension = 54' x 0'

TRAP #2 S.O.S.T. ST-3
 D.A. = 1.4 Ac.
 Storage Required = 1.4 x 1800 = 2520 CF
 Storage Provided = 2520 CF
 Depth = 3'
 Top of Stone Crest = 325.0
 Bottom Elevation = 322.0
 Bottom Dimension = 36' x 14'

TRAP #3 S.O.S.T. ST-3
 D.A. = 1.8 Ac.
 Storage Required = 1.8 x 1800 = 3240 CF
 Storage Provided = 3240 CF
 Depth = 3'
 Top of Stone Crest = 323.0
 Bottom Elevation = 320.0
 Bottom Dimension = 48' x 14'

- LEGEND:**
1. Contour Interval 2 Ft.
 2. Existing Contour
 3. Proposed Contour
 4. Spot Elevation
 5. Direction of Drainage
 6. Walk-out-Basement
 7. Sewer House Connection
 8. Water House Connection
 9. Perimeter Dike
 10. Straw Bale Dike/Silt Fence
 11. Sediment Trap
 12. Stone Filter Inlet Protection
 13. Stone Construction Entrance

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 11-3-82



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 James M. Boyd, M.D./F.S. 12/28/82
 COUNTY HEALTH OFFICER DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Planning Director 12-29-82
 Chief Division of Land Use & Zoning Admin. DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director 12-29-82
 Chief Bureau of Engineering DATE

Reviewed for HOWARD S.C.D.
 and meets Technical Requirements
 Signature of Thomas M. Williams
 U.S. Soil Conservation Service

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

DEVELOPER'S/BUILDER'S CERTIFICATE
 "I/we certify that all development and construction will be done according to the plan of development and plan for erosion and sediment control and that all requirements of the Howard Soil Conservation District are being followed. I also authorize periodic on-site inspection by the Howard Soil Conservation District or its authorized agents, as are deemed necessary."

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 9-24-82
 Date



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

DESIGNED J.L.S.
DRAWN V.L.B.
R.I.W.
CHECKED J.L.S.
DATE 9-28-82

SCALE 1"=30'
DRAWING 20-4
JOB NO. 82-030
FILE NO. 82-030-SE

SEDIMENT & EROSION CONTROL PLAN
 LOTS A-361 THRU A-403
COLUMBIA
 VILLAGE OF OWEN BROWN
 SECTION 2 AREA 1
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: FULTE HOME CORPORATION
 3602 C. George Palmer Highway
 Lanham, Maryland 20801

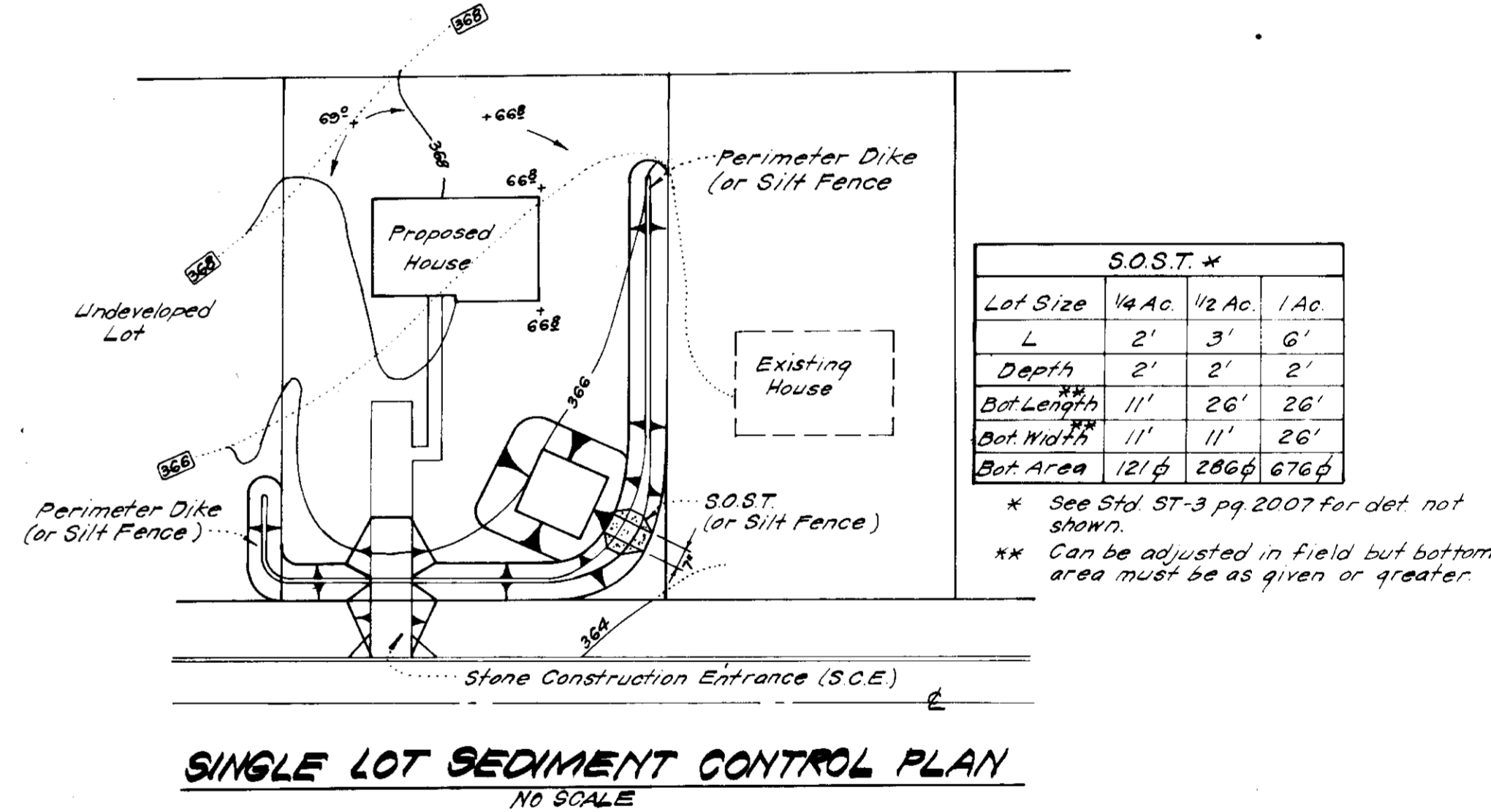
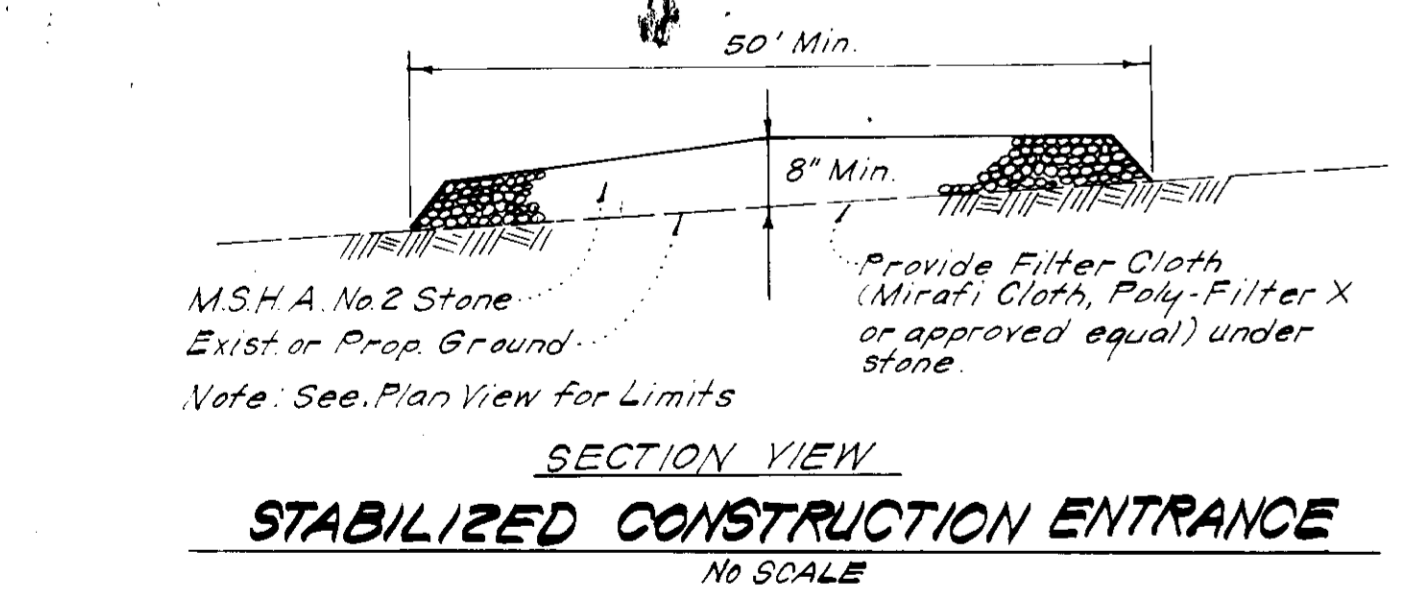
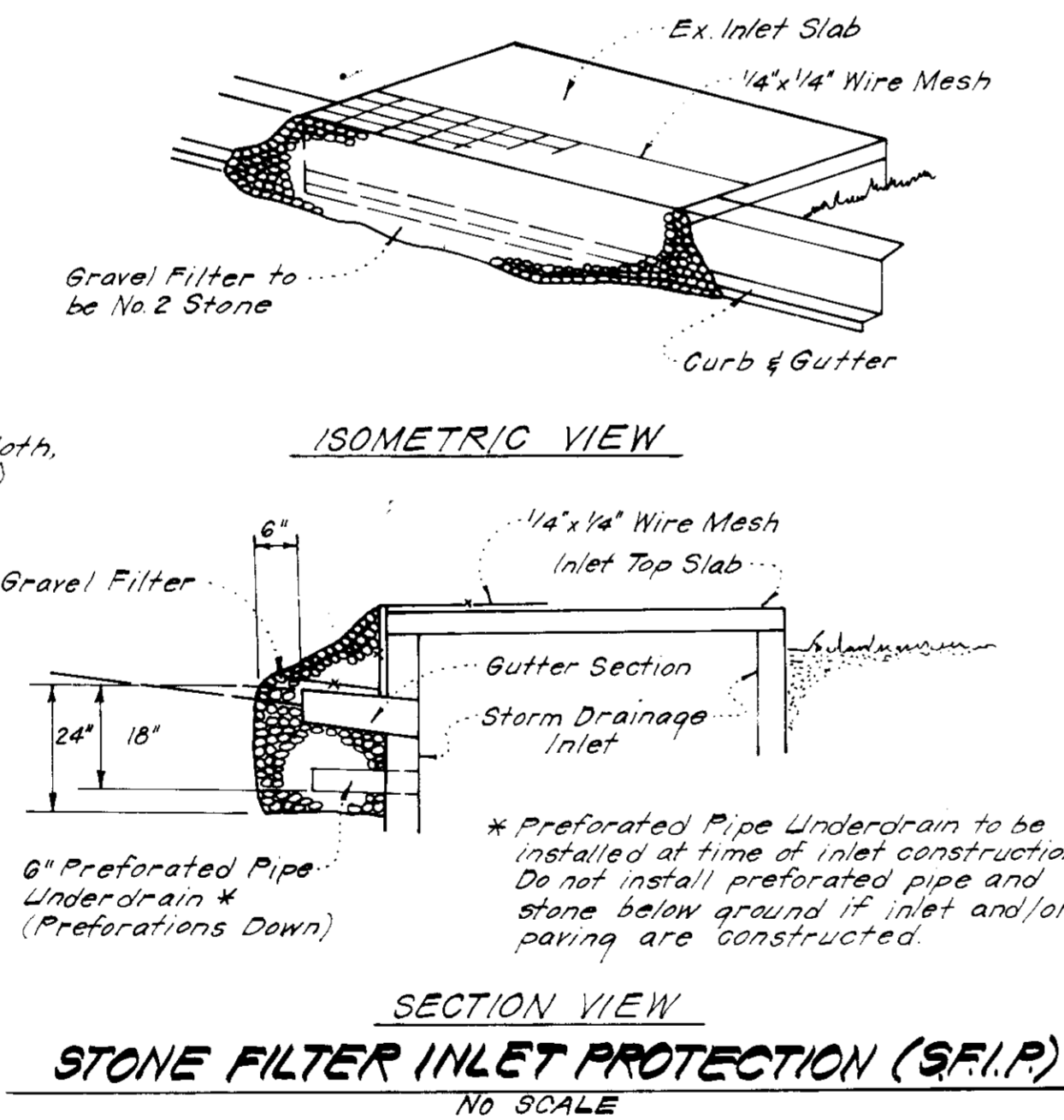
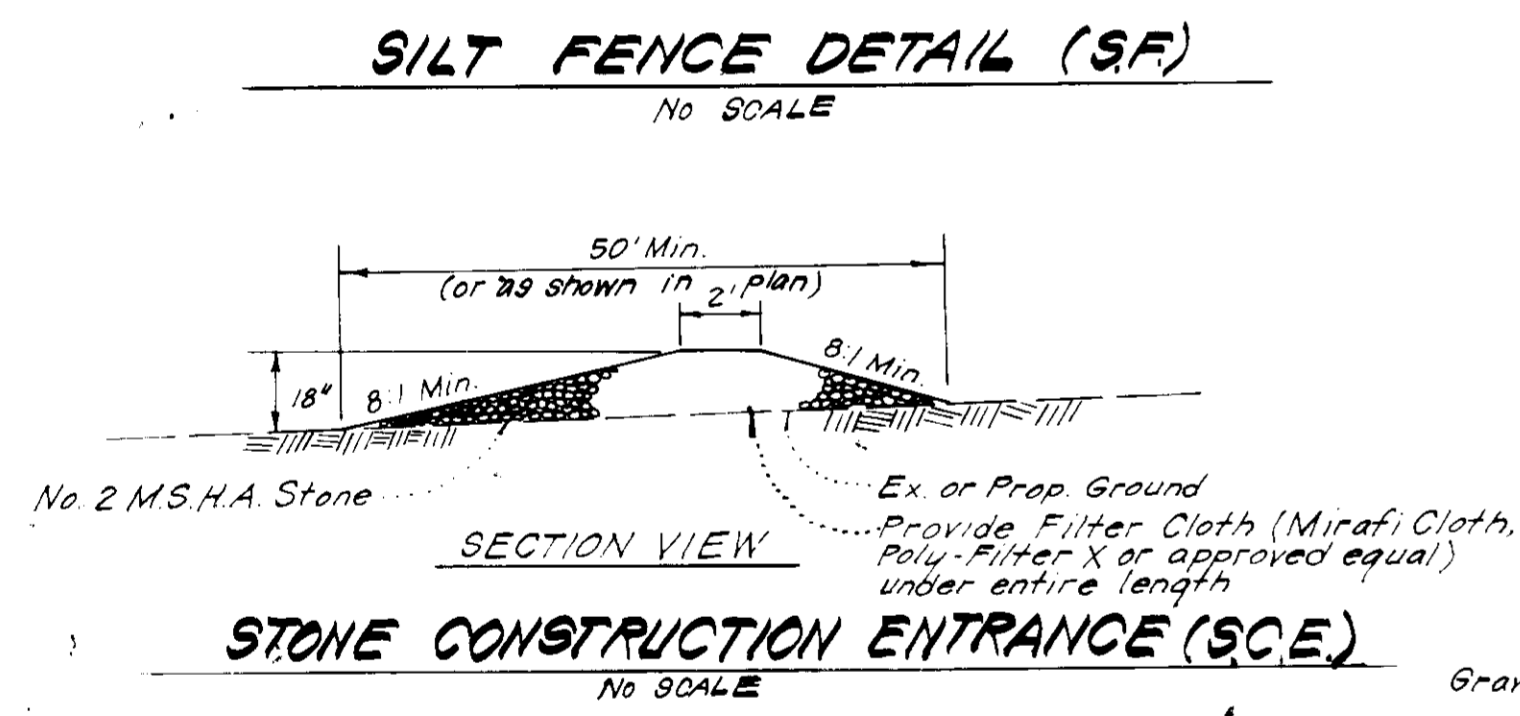
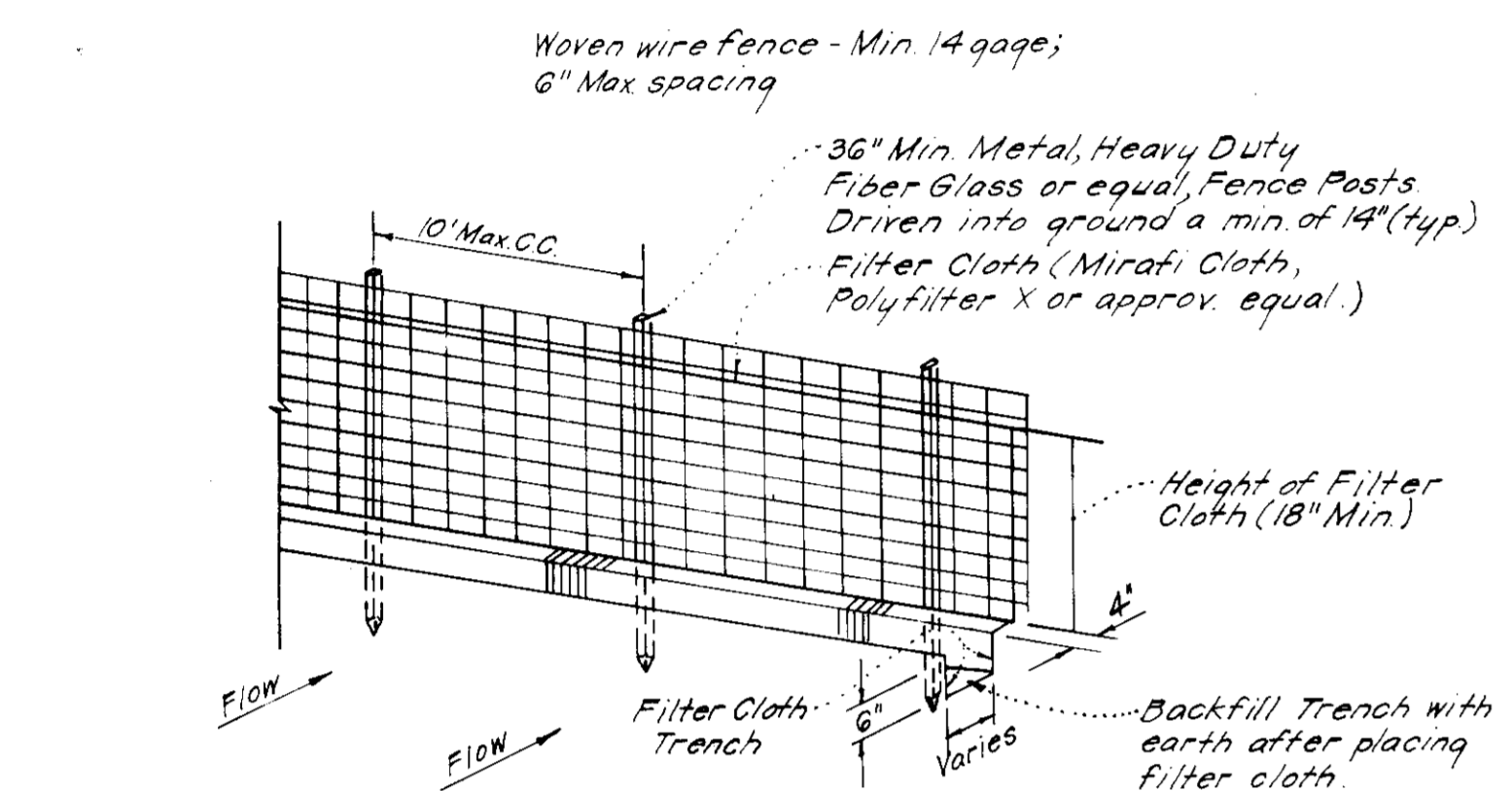
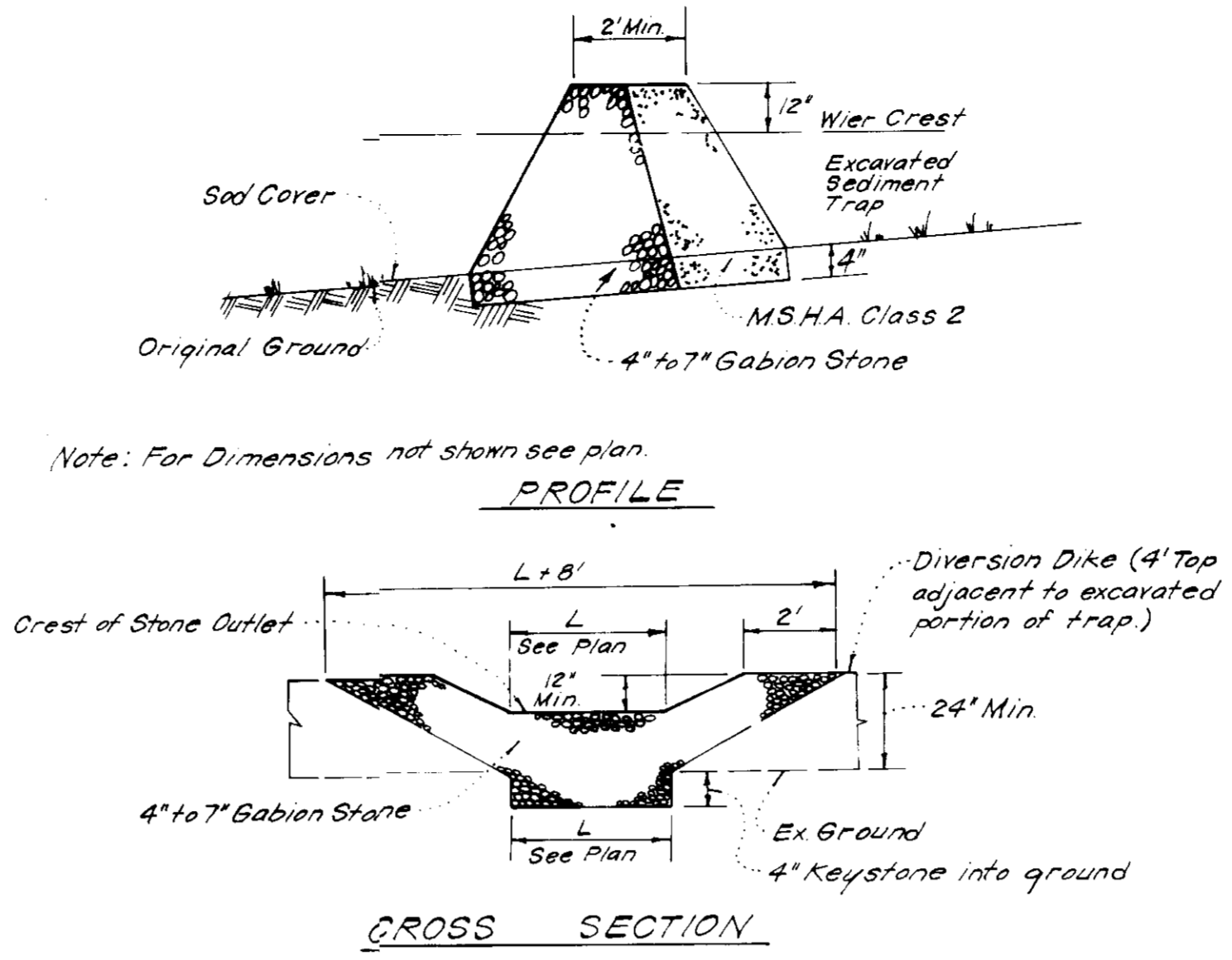
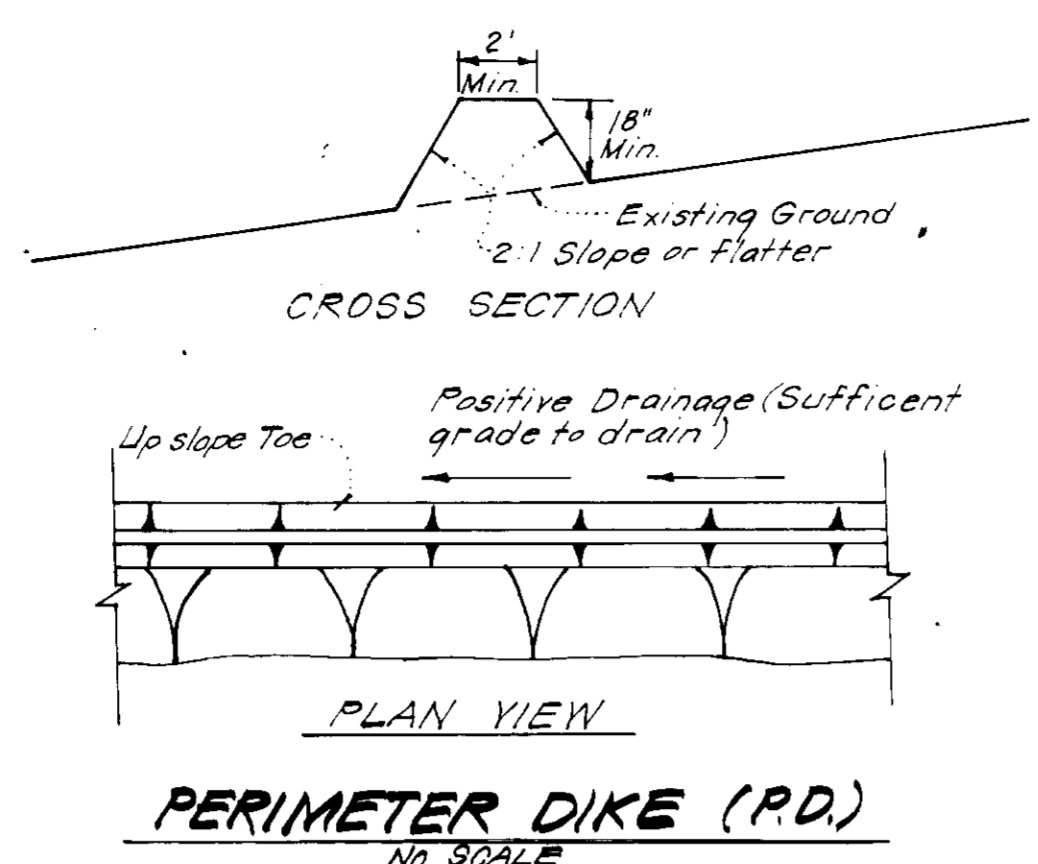
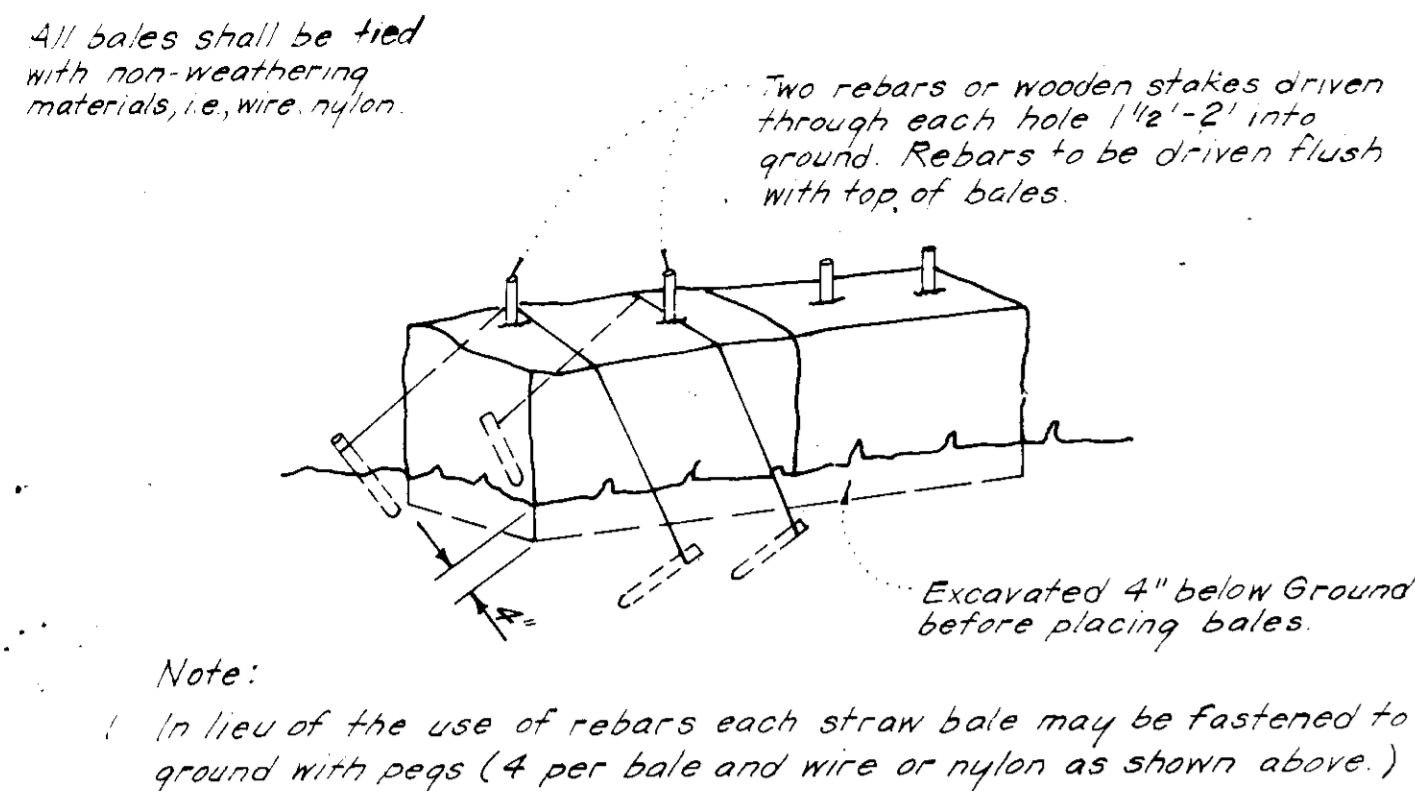
SDP-83-36c

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 20 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.
- Total Amount of Straw Bales or Silt Fence shown = 670 L.F.
- SITE ANALYSIS:

A. Total Area:	3.765 Acres
B. Area to be Roofed:	0.987 Acres
C. Area to be Paved:	0.131 Acres
D. Area to be Seeded:	2.447 Acres
E. Area Undisturbed:	0.200 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 random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 11-3-82
JMM



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Boyd 12/28/82
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
James M. Boyd 12-27-82
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nunn 12-27-82
DIRECTOR DATE

Reviewed for HOWARD COUNTY S.C.D.
Name and meets Technical Requirements
Thomas Lawrence
Signature Date
U.S. Soil Conservation Service

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

Wm V. Rynn 12-16-82
Approved 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 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."

Thomas Lawrence 9-24-82
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.

G. Nelson Clark 7-24-82
Date



APPROVED: Department of Public Works
Chief, Bureau of Engineering
APPROVED: Howard County Office of Planning and Zoning
John M. Boyd 12-29-82
Chief, Division of Land Development & Zoning Administration Date

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

DESIGNED: J.L.S.
DRAWN: V.L.B.
CHECKED: J.L.S.
DATE: 9-23-82

SEDIMENT & EROSION CONTROL PLAN
LOTS A-361 THRU A-403
COLUMBIA
VILLAGE OF OWEN BROWN
SECTION 2 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: PULTE HOME CORPORATION
9602 C. George Palmer Highway
Lanham, Maryland 20801

SCALE: 1"=30'
DRAWING: 3 OF 4
JOB NO: 82-030
FILE NO: 82-030-5E

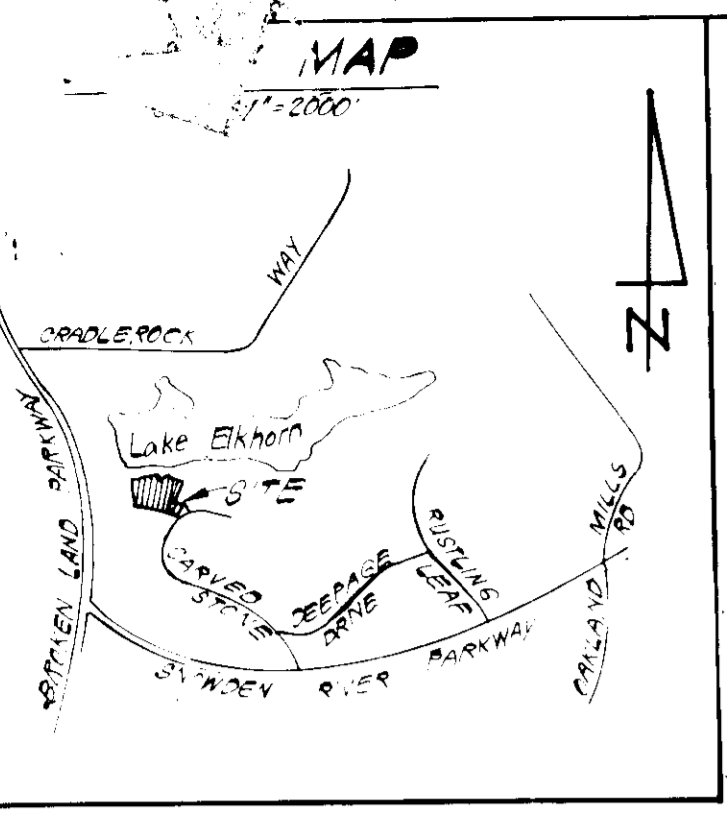
SDP-83-36c

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 JAMES M. BOYD, M.D., F.S. 12/29/82
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 JAMES M. BOYD, M.D., F.S. 12-29-82
 PLANNING DIRECTOR, I DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 JAMES M. BOYD, M.D., F.S. 12-29-82
 DIRECTOR DATE

APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 DATE 11-3-82



PLANT SCHEDULE									
KEY	PLANT NAME	SIZE	QUANT	REMARKS	KEY	PLANT NAME	SIZE	QUANT	REMARKS
⊕	ACER RUBRUM 'OCTOBER GLORY'	2 1/2' GAL	32	2 1/2' B&B HEAVY HEADS	⊕	CORNUS FLORIDA 'FLOWERING DOGWOOD'	2-2 1/2' GAL	23	2 1/2' B&B HEAVY HEADS
⊕	ACER RUBRUM 'OCTOBER GLORY' MALE	2-4' HT.	32	2 1/2' B&B HEAVY HEADS	⊕	PRUNUS CERULLATA 'KWANZAN'	2-2 1/2' GAL	25	2 1/2' B&B HEAVY HEADS
⊕	QUERCUS PALMSTRUK 'PIN OAK'		17		⊕	AMELANCHIER CANADENSIS 'SHARBLON CLUMP'		13	
⊕	FRAXINUS P. LANCEOLATA 'GREEN ASH'		13		⊕	MAHOGANY 'RADIANT'		5	
⊕	LIQUIDAMBER 'STRACIFLUA'		13		⊕	PRUNUS C. 'THUNDERCLOUD'		2	
⊕	QUERCUS RUBRA 'NORTHERN RED OAK'		11		⊕	PURPLELEAF FLOWERING PLUM		2	
⊕	GLYCYRRHIZA T. 'INEQUALIS' 'CHALMERS'		7		⊕	FINIS THUNBERGI 'JAPANESE BLACK PINE'	6' B HT.	15	3 1/2' B&B HEAVY
⊕	THORNLESS HONEY LOCUST				⊕	FINIS STROBUS 'EASTERN WHITE PINE'	6' B HT.	17	2 1/2' B&B HEAVY

VILLAGE OF OWEN BROWN SECTION 2 PLAT 53-035
 12-3-82 REVISED LOT 376

- NOTE:
- ALL PLANTING SHALL BE IN COMPLIANCE WITH THE STANDARD HERD COLUMBIA SPECS FOR PLANTING
 - CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND UTIL PRIOR TO DIGGING
 - SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCH.

CLARK • FINEPROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: LANDSCAPE ARCHITECT PLAN
 DRAWN: J.P.
 K.I.W.
 CHECKED: N.H.F.
 DATE: 9-23-82

SCALE: 1"=30'
 DRAWING: 4 OF 4
 JOB NO: 82-030
 FILE NO: 82-030-LS

FOR: PULTE HOME CORPORATION
 3602 C. George Palmer Highway
 Landover, Maryland 20881