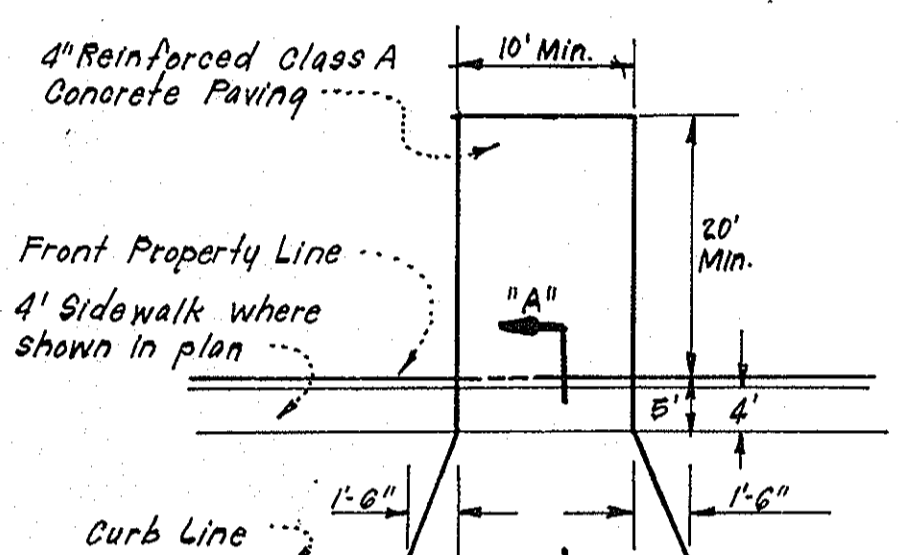
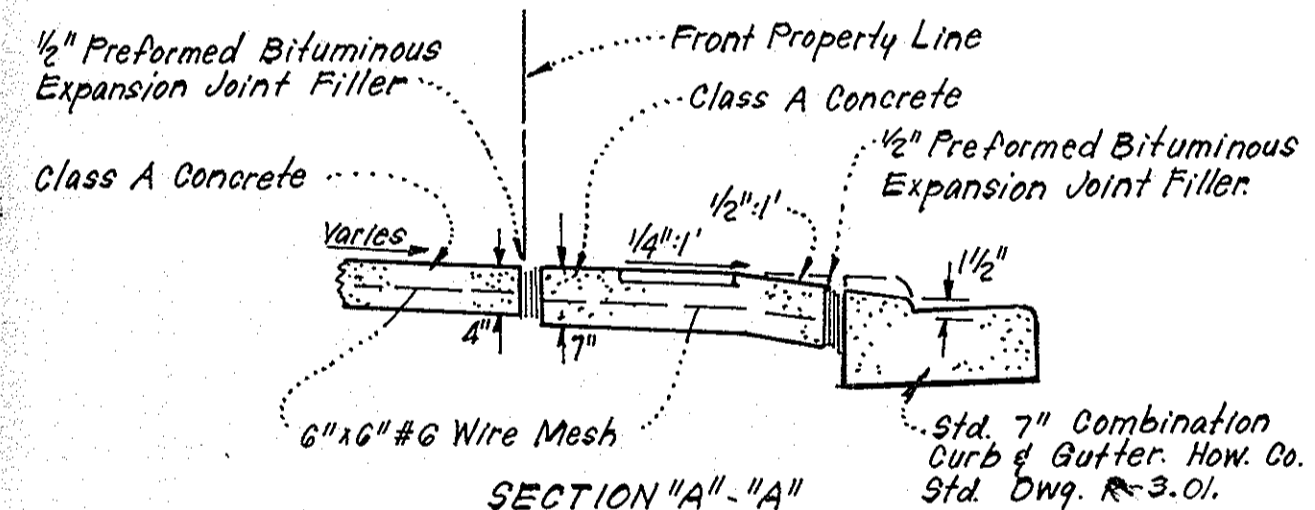


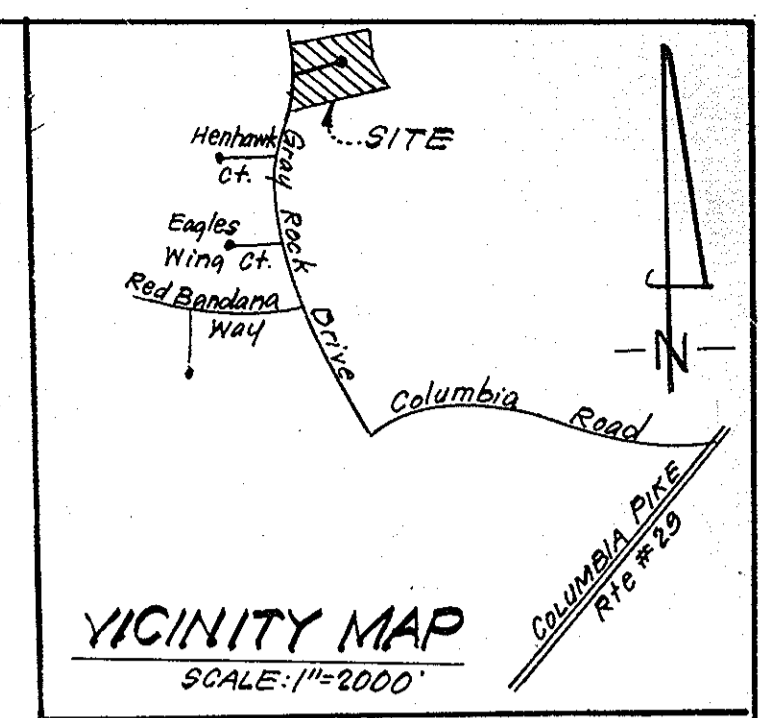
TYPICAL HOUSES
No Scale



Note: Materials and Construction shall be in accordance with How. Co. Road Construction Code



DRIVEWAY ABUTTING STANDARD 7" COMB. CURB AND GUTTER
No Scale

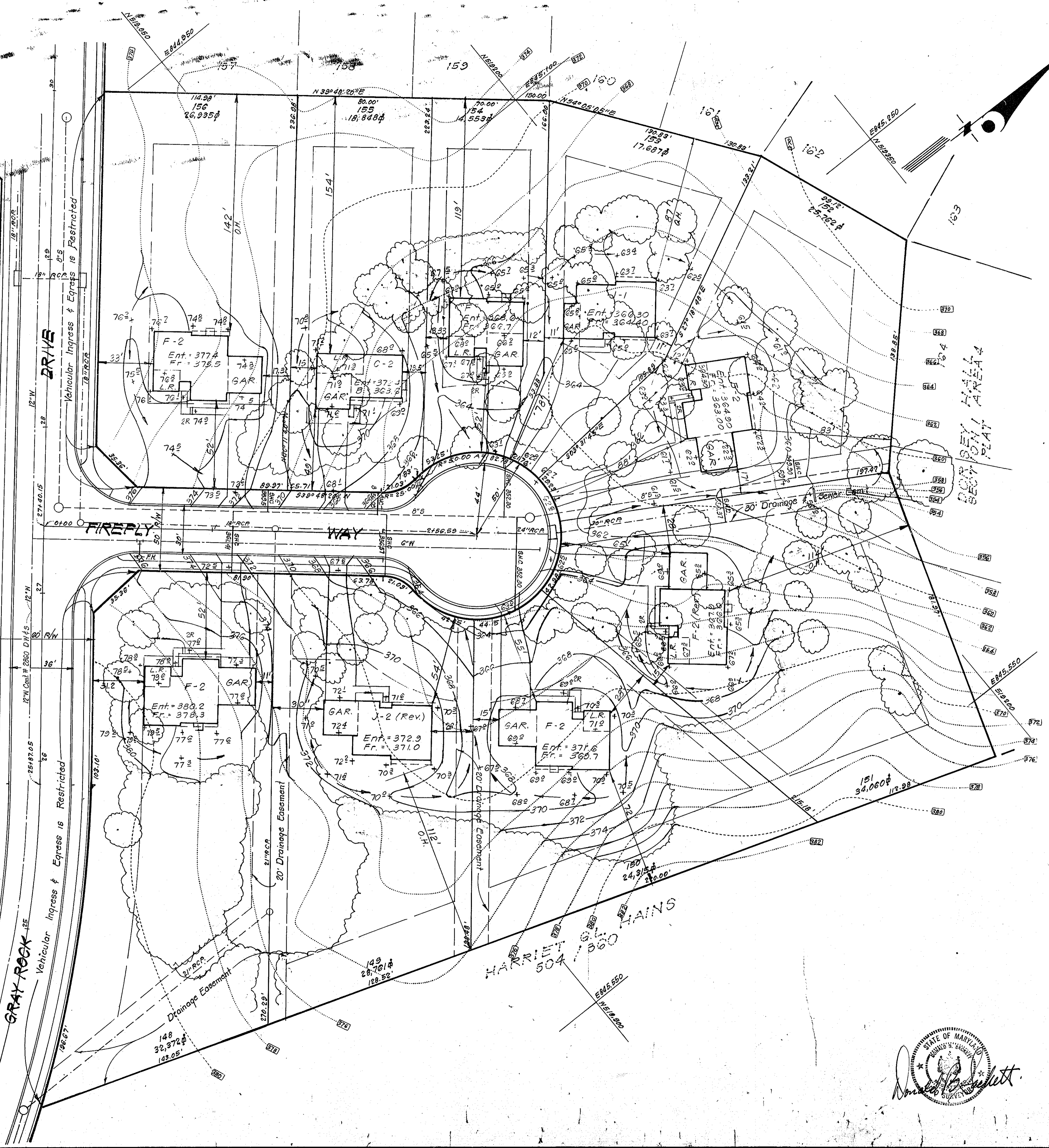


LEGEND:

- 1. Contour Interval 2 Ft.
- 2. Existing Contour 370
- 3. Proposed Contour 380
- 4. Spot Elevation +802
- 5. Direction of Drainage
- 6. Exist. Trees to be retained
- 7. Walk-Out Basement

GENERAL NOTES

1. The Land included in this plan is zoned: R-20
2. The Lots shown on this plan are covered by Final Development Plan Phase.
3. All coordinates are based on traverse controls for Columbia established by Maps Inc. in 1968 by Purdum & Jeschke in 1968, which controls were tied to Maryland Bureau of Control Survey monuments and to U.S. Coast & Geodetic Survey monuments in the Columbia area.
4. The area shown in this submission is located on Tax Map # 2A.
5. The total area included on this plan is 5.126 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. Total number of Lots is: 9



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-16-81
LMM

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Royal, M.D. (P.F.W.) 8-17-81
COUNTY HEALTH OFFICER DATE

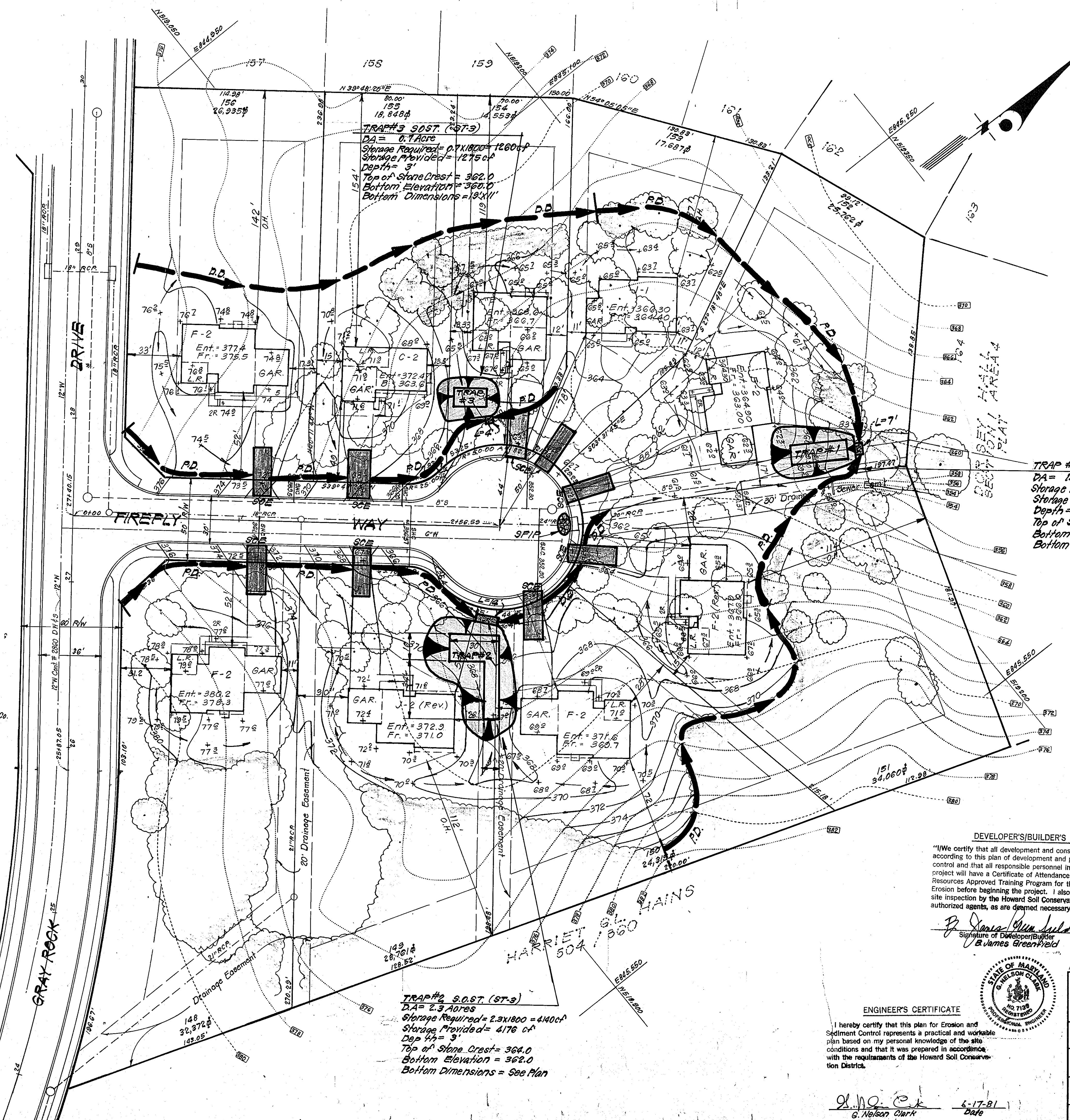
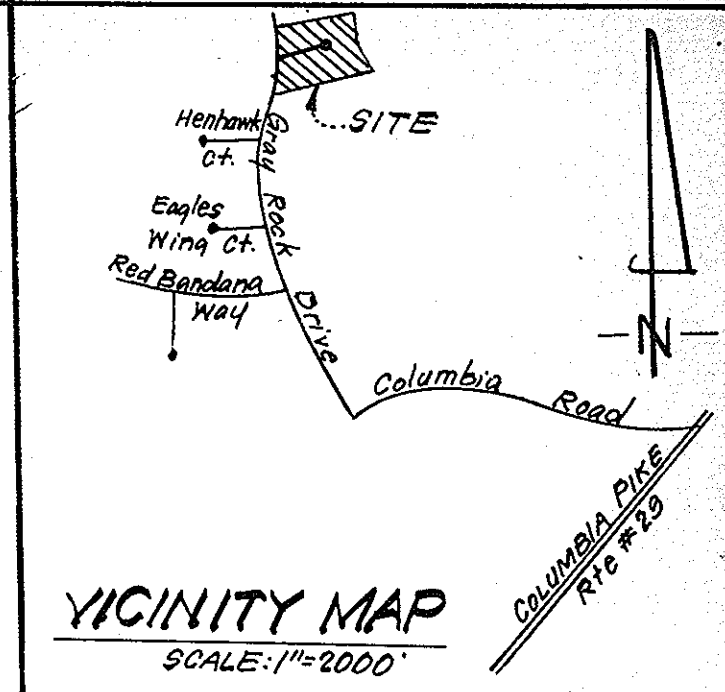
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
William H. Hume, MAM 8-17-81
PLANNING DIRECTOR ACTING DATE
D. R. Ruppel (Acting Chief) 8/17/81
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James F. Neuman 8-12-81
DIRECTOR DATE
D. R. Ruppel 8/11/81
CHIEF, BUREAU OF ENGINEERING DATE

Plot Reference: Dorsey Hall 1/4 Plat 4573.

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 148 THRU 156	SCALE 1"=30'
DRAWN V.L.B. K.L.W.	DORSEY HALL	DRAWING 101.3
CHECKED J.M.E.	SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 79207
DATE June 16, 1981	FOR: COLUMBIA BUILDERS 606 American City Bldg. Columbia, Maryland 21044	FILE NO. 79-227-X





- LEGEND:**
- 1. Contour Interval 2 Ft.
 - 2. Existing Contour - - - - -
 - 3. Proposed Contour - - - - -
 - 4. Spot Elevation +802
 - 5. Direction of Drainage →
 - 6. Exist. Trees to be retained (tree symbol)
 - 7. Walk-Out Basement (W.O.B. symbol)
 - 8. Perimeter Dike (P.D. symbol)
 - 9. Stone Filter Inlet Protection (SFIP symbol)
 - 10. Stone Construction Entrance (SCE symbol)
 - 11. Diversion Dike (D.D. symbol)

TRAP #1 S.O.S.T. (ST-3)
 DA = 1.1 Acres
 Storage Required = 1.1 x 1800 = 1980 cft
 Storage Provided = 2070 cft
 Depth = 3'
 Top of Stone Crest = 357.0
 Bottom Elevation = 355.0
 Bottom Dimensions = 24' x 17'

TRAP #2 S.O.S.T. (ST-3)
 DA = 2.3 Acres
 Storage Required = 2.3 x 1800 = 4140 cft
 Storage Provided = 4176 cft
 Depth = 3'
 Top of Stone Crest = 364.0
 Bottom Elevation = 362.0
 Bottom Dimensions = See Plan

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-16-81

Reviewed for Howard S.C.D.
 Name
 and meets Technical Requirements
 Signature James M. Nelson Date 8/1/81
 U.S. Soil Conservation Service

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 of Developer/Builder G. Nelson Clark Date 6-16-81
 Signature of Engineer James Greenfield

Signature William J. Rowe Date 7-24-81
 Approved



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 6-17-81

Plot Reference: Dorsey Hall 1/4 Plat 4573.

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		SCALE 1"=30' DRAWING 21.3 JOB NO. 78-007 FILE NO. 79-0975E
DESIGNED RP DRAWN V.L.B. K.I.W. CHECKED RP DATE June 16, 1981	SEDIMENT & EROSION CONTROL PLAN LOTS 148 THRU 156 DORSEY HALL SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: COLUMBIA BUILDERS 606 American City Bldg. Columbia, Maryland 21044	SDP-81-183

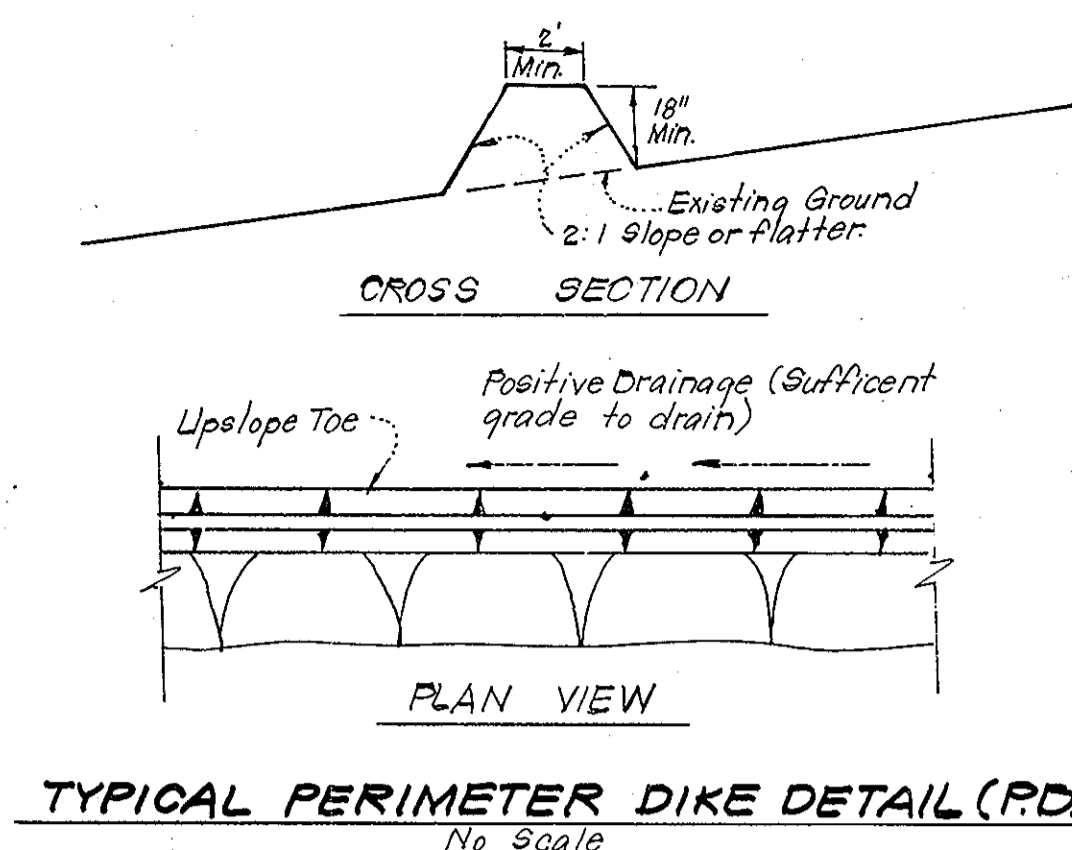
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 Signature Joseph A. DeLoach, Jr. Date 8-13-81
 COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Signature William J. Rowe Date 8-17-81
 PLANNING DIRECTOR ACTING
 Signature James M. Nelson Date 8/17/81
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

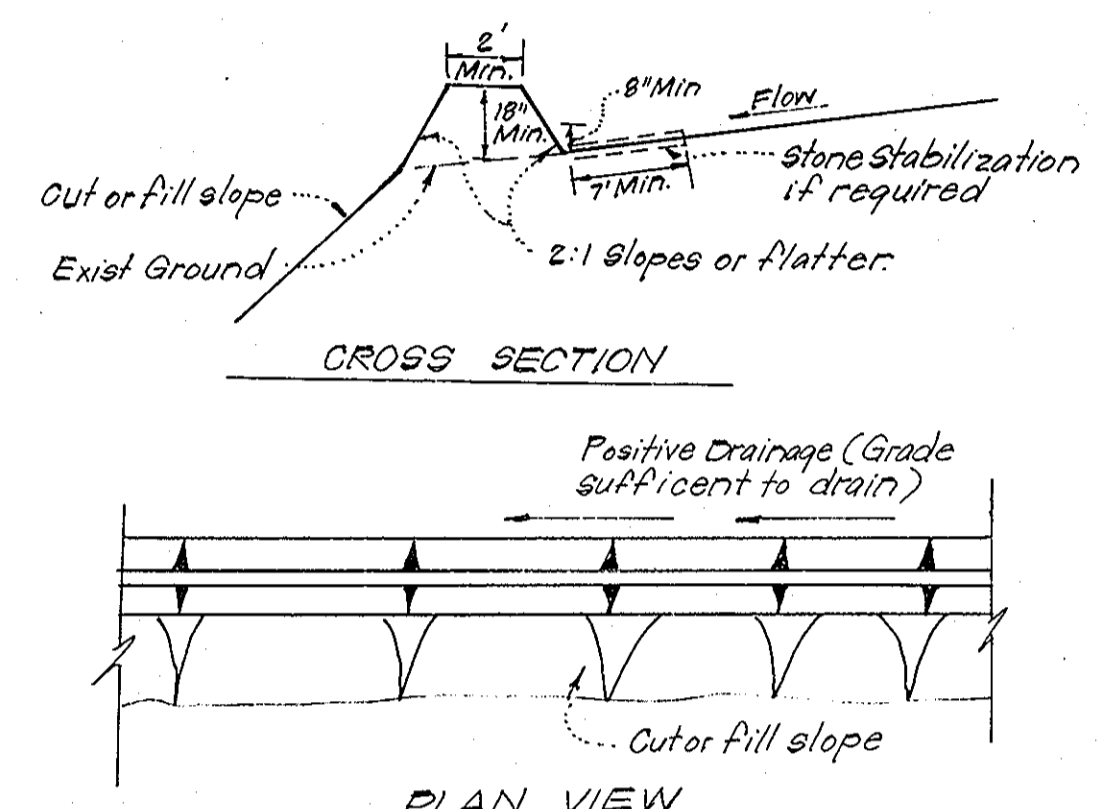
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Signature William J. Rowe Date 8-12-81
 DIRECTOR
 Signature James M. Nelson Date 8/11/81
 CHIEF, BUREAU OF ENGINEERING

GENERAL NOTES

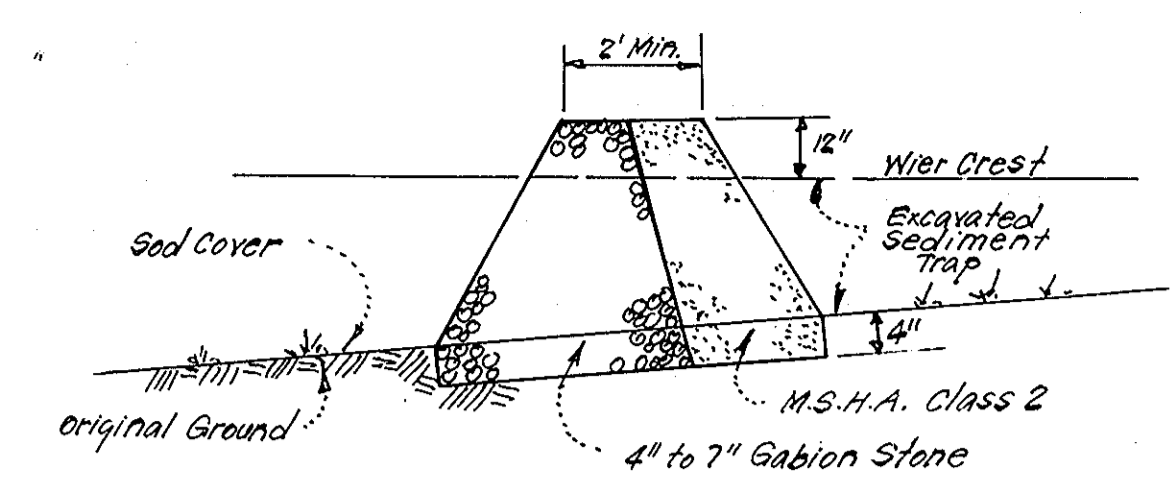
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 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:
 A. Seed - certified 85% germination applied at the rate of 5 lbs/1000 s.f. 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 s.f. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 s.f.
 C. Mulch - Weed free grain straw applied at a rate of 70-80 lbs/1000 s.f. 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 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.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- 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.
- Total Amount of Straw Bales or Silt Fence shown = None LF
- SITE ANALYSIS:
 A. Total Area: 5.126 Acres
 B. Area to be Roofed: 0.416 Acres
 C. Area to be Paved: 0.207 Acres
 D. Area to be Seeded: 2.607 Acres
 E. Area Undisturbed: 1.896 Acres
- CONSTRUCTION SEQUENCE:
 A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
 B. Excavate for Foundations and Rough Grade.
 C. Erect Structures, Drive ways and Sidewalks.
 D. 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.



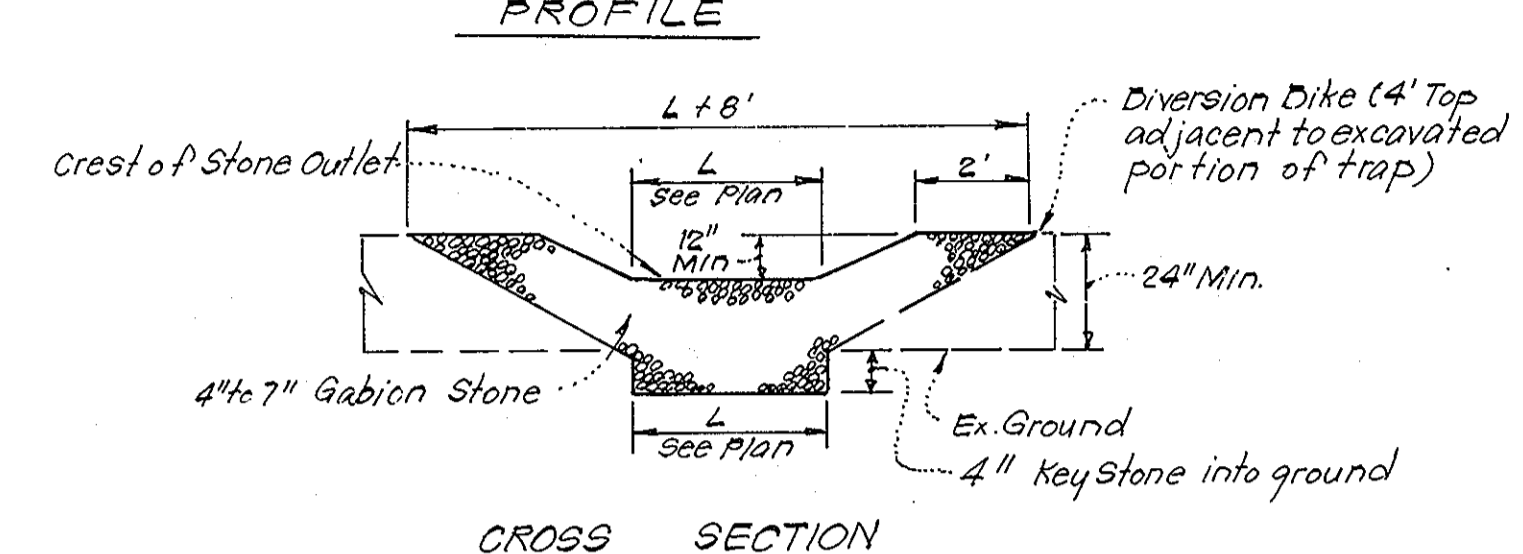
TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale



TYPICAL DIVERSION DIKE DETAIL (D.D.)
No Scale

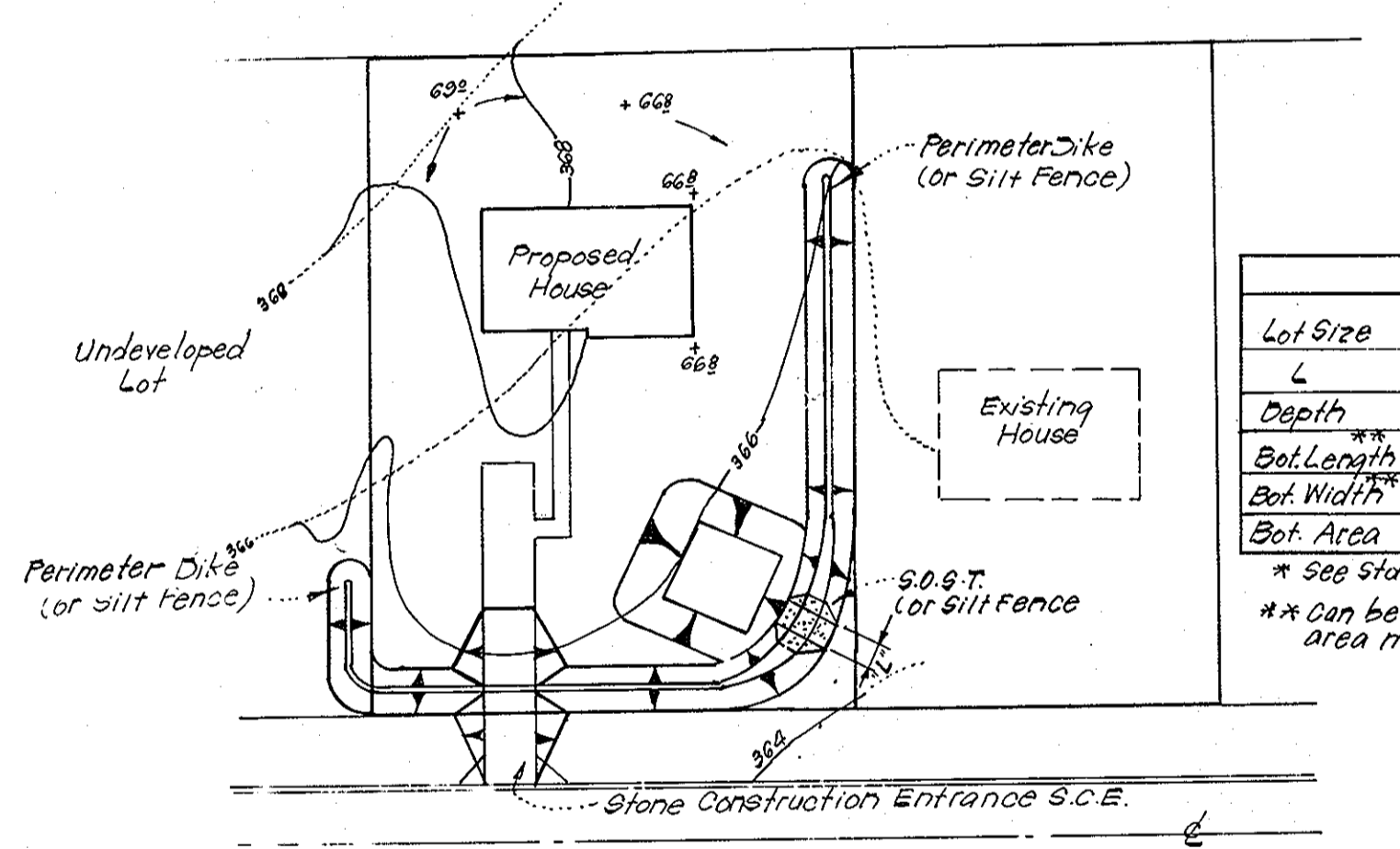


Note: For Dimensions not shown, see plan.

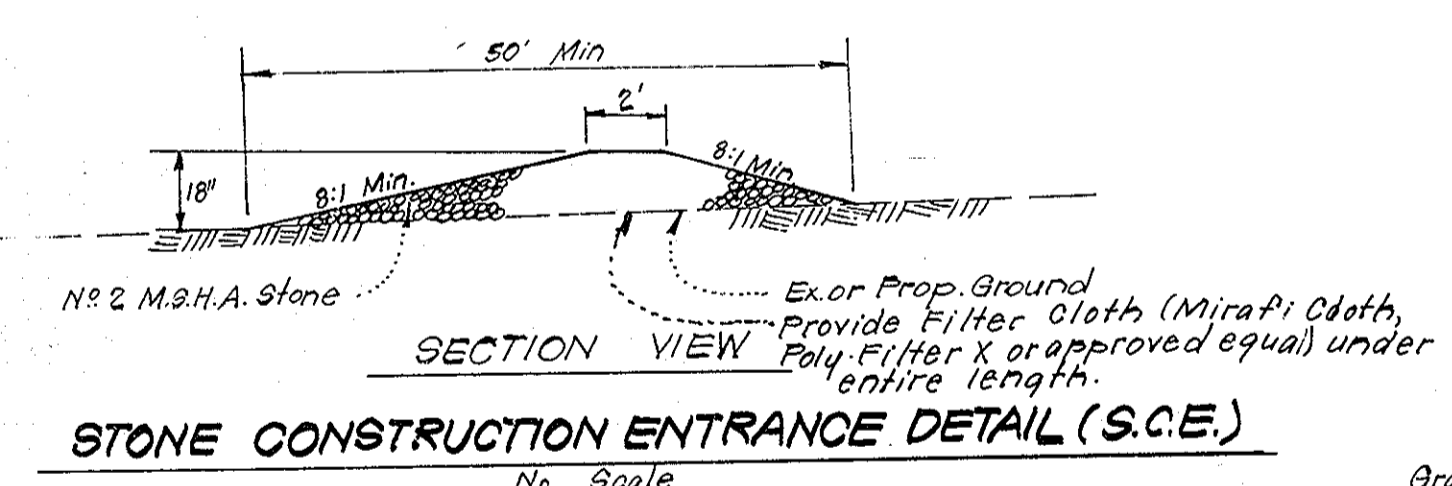


- DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)**
No Scale
- Notes:
 1. Sediment Trap to be cleaned out when sediment reaches a level of 1 ft. below crest of stone outlet.
 2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 3. Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.

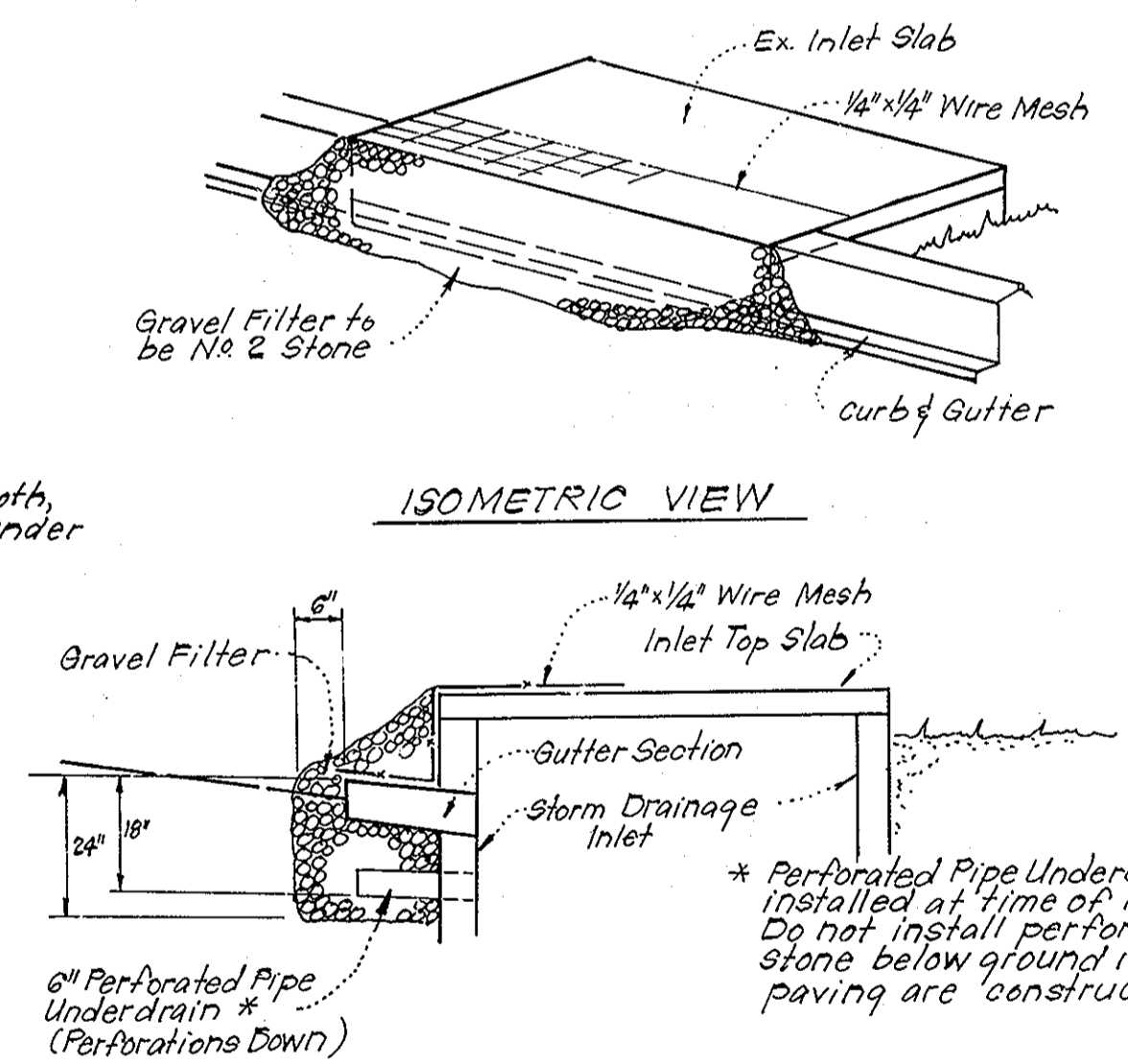
TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



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
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-16-81

JWM



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

DESIGNED: **RR** SCALE: **As Shown**
 DRAWING: **RR** DRAWING: **30F3**
 CHECKED: **K/W** JOB NO.: **79097**
 DATE: **6/16/81** FILE NO.: **79-097 SE**

SEDIMENT & EROSION CONTROL PLAN
LOTS 148 THRU 156
DORSEY HALL
 SECTION 1 AREA 4
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: **COLUMBIA BUILDERS**
 606 American City Bldg.
 Columbia, Md 21044

Reviewed for: HOWARD S.C.D.
 Name
 and meets Technical Requirements
 Signature: [Signature] Date: 7-21-81
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature: [Signature] Date: 7-21-81
 Approved

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 of Developer/Builder: [Signature] Date: 6-16-81
 Signature of Engineer: [Signature] Date: 6-17-81

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: [Signature] Date: 6-17-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: [Signature] Date: 8-13-81

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Planning Director: [Signature] Date: 8-17-81
 Chief Division of Land Development & Zoning Admin. Date: 8/17/81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] Date: 8-12-81
 Chief Bureau of Engineering: [Signature] Date: 8/11/81