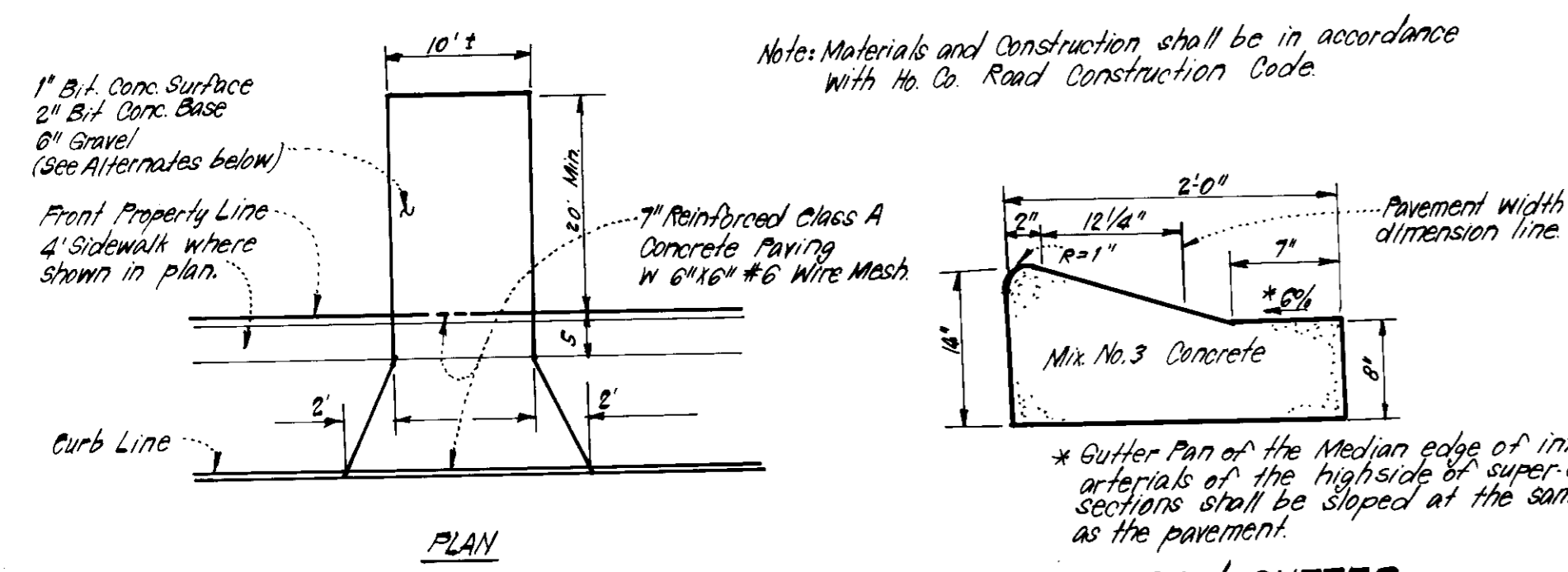


Notes:
 1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet.
 2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 3. Stone Outlet to be constructed through diversion dike adjacent to excavated area.

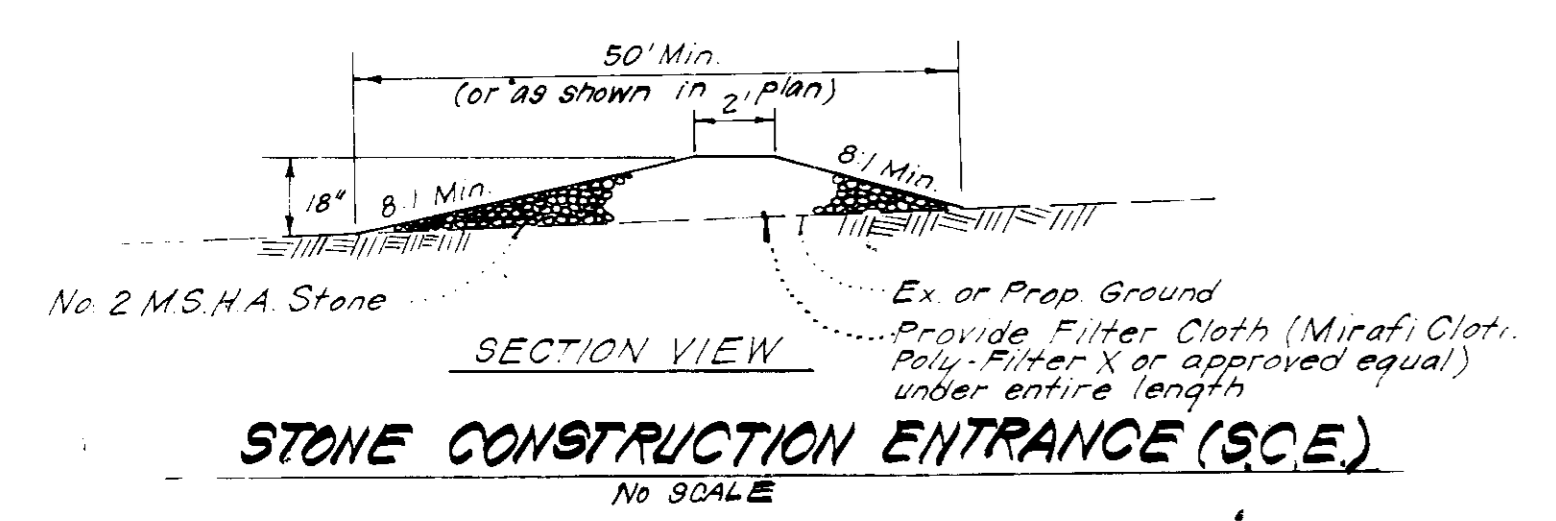
DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
 NO SCALE



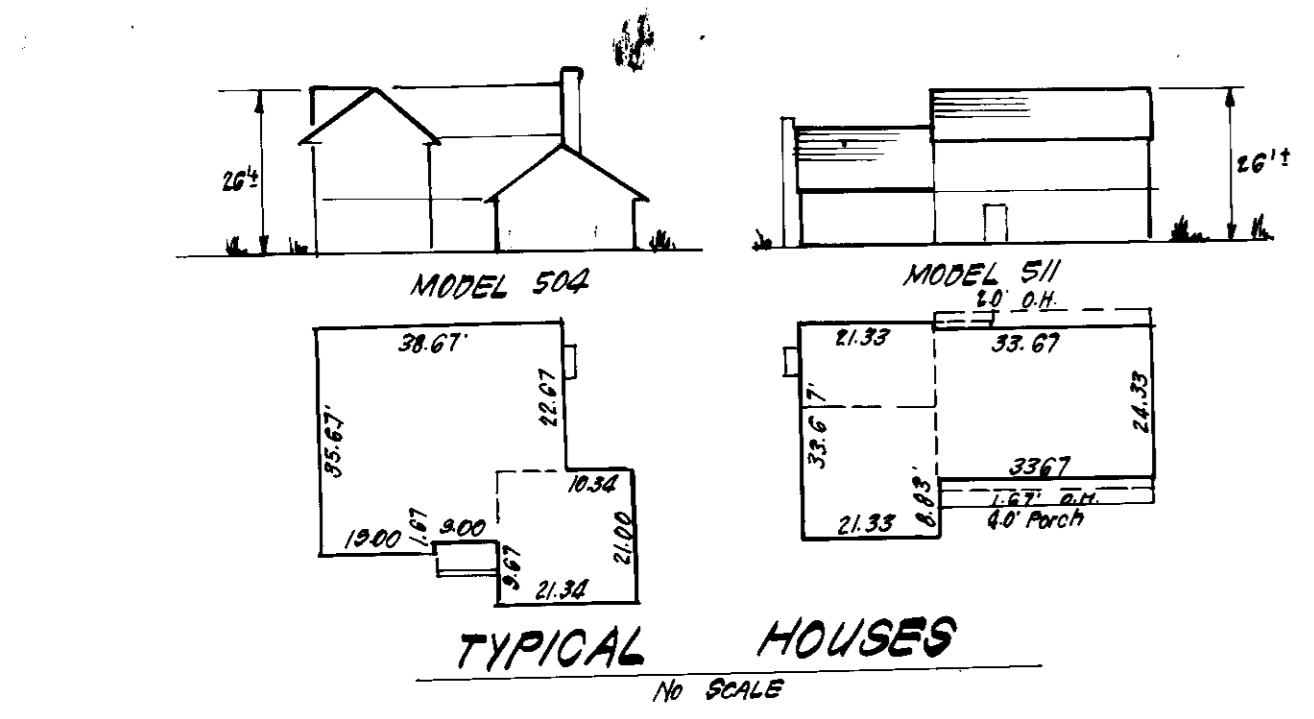
DRIVEWAY ABUTTING MODIFIED CURB & GUTTER
 NO SCALE

ALTERNATE #1
 1" B.I. Conc. Surface
 4" B.I. Conc. Base
 4" B.I. Conc. Base
 3" Gravel

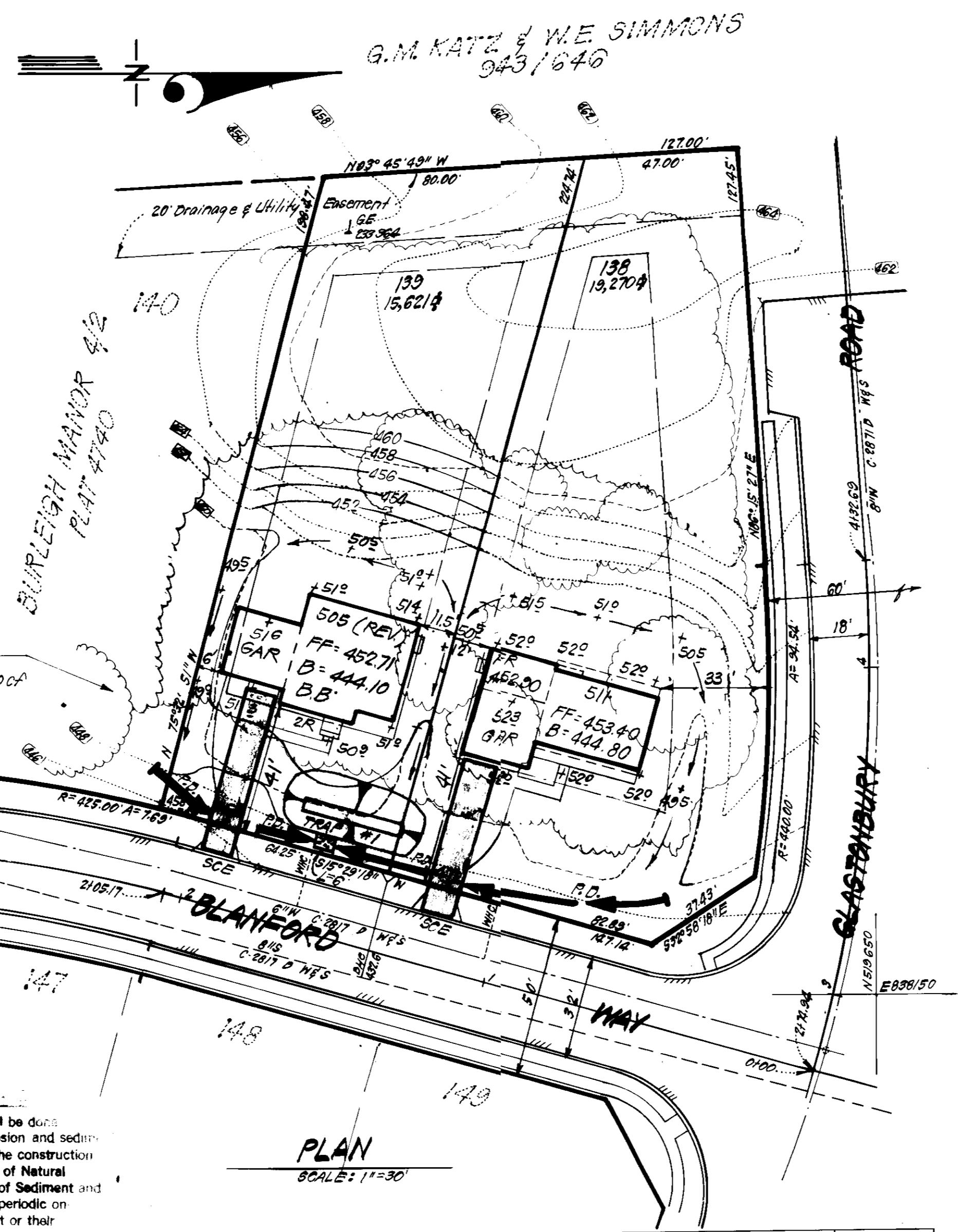
ALTERNATE #2
 1" B.I. Conc. Surface
 3" B.I. Conc. Base
 3" Gravel



STONE CONSTRUCTION ENTRANCE (SCE)
 NO SCALE



TYPICAL HOUSES
 NO SCALE



PLAN
 SCALE: 1"=30'

TRAP #1 S.O.S.T. (ST-3)
 DA = 0.6 Acre
 Storage Required: 0.6(1800) = 1080 CF
 Storage Provided: 1080 CF
 Depth: 3'
 Top of Stone Crests: 448.0
 Bottom Elevation: 445.0
 Bottom Dimensions: 30' x 4'

SEDIMENT & EROSION CONTROL 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 sq ft.
- 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 3 lbs/1000 sq ft. Mixture - 20% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual ryegrass.
 B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sq ft.
 C. Dolomitic Lime applied at a rate of 90 lbs/1000 sq ft.
 D. Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method, e.g. sod stakes, chemical binder, etc.
 E. All Seed usage 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 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.
- 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 (N.A).
- Total Amount of Straw Bales or Silt Fence shown = None = F
- SITE ANALYSIS:**
 A. Total Area: 0.801 Acres
 B. Area to be Roofed: 0.078 Acres
 C. Area to be Paved: 0.037 Acres
 D. Area to be Seeded: 0.364 Acres
 E. Area Undisturbed: 0.322 Acres
- CONSTRUCTION SEQUENCE:**
 A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike.
 B. Excavate for Foundations and Rough Grade.
 C. Erect Structures, Driveways and Sidewalks.
 D. Final Grade and Stabilize in accordance with Note #6.

GENERAL NOTES:

- The land included in this plan is zoned: R-20.
- Coordinates shown are extensions made from Maryland State Plane Coordinate System. Bearings refer to true north and are based on Howard County Geodetic Survey Point Nos. 304001 and 3140003.
- Total Number of Lots: 2
- The area covered is located on Tax Map # 24.
- All Roadways are Public and Existing.
- Any damage to county owned rights of way shall be corrected at the developer's expense.

LEGEND:

- Contour Interval: 2 Ft.
- Existing Contour: 450
- Proposed Contour: 450
- Spot Elevation: 150.5
- Direction of Drainage: (arrow symbol)
- Existing Trees to be retained: (tree symbol)
- Perimeter Dike: (dike symbol)
- Stone Construction Entrance: (SCE symbol)
- Sediment Trap: (trap symbol)

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 4-15-83

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 4-15-83

CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE: 4-18-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 4-14-83

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 4-14-83

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

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT
 [Signature] Date: 4-12-83

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 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] Date: 3/9/83
 John T. Conrad
 Signature of Developer/Builder

NO	REVISION	DATE
1	Revised house type and grading on Lot 139. See B.A. Case No. 83-132 V. Updated topography on Lot 139 to shown existing conditions as of this date.	12-2-83

ENGINEERS 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 Date: 3-9-83



CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOKWOOD DR. VE. (L.H. SPINNEY, MARYLAND) 21084

SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN
 LOTS 138 & 139
BURLEIGH MANOR
 SECTION 4 AREA 2
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: COSTAIN MARYLAND, INC.
 The Clark Building Suite 543
 Columbia, Md 21044

DESIGNED: JME
 DRAWN: K/W
 CHECKED: VLS, JME
 DATE: 3-9-83

SCALE: AS SHOWN
 DRAWING: 10F1
 JOB NO.: 83-024
 SHEET: 83-024-X

PLAT REFERENCE: PLAT 4740
 DIVISION OF LAND DEVELOPMENT & ZONING
 HOWARD COUNTY
 DATE: 4-5-83
 [Signature]

S.D.P. 83-131 **SDP-83-131**