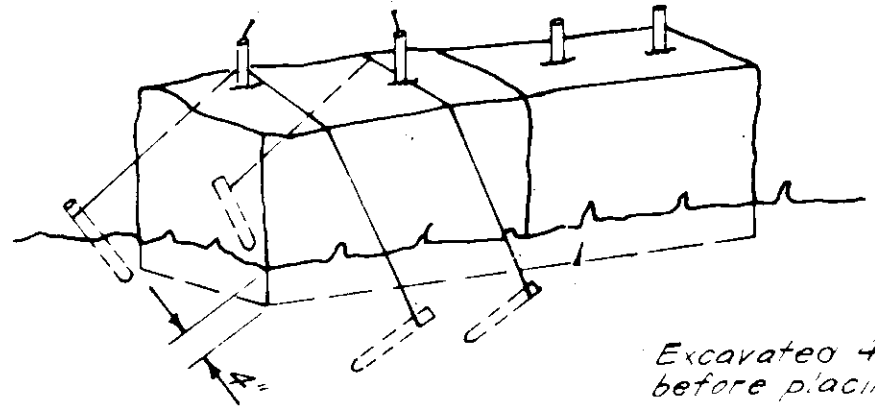


**GENERAL NOTES**

Bales shall be tied with non-weathering materials, i.e. wire or nylon

Two rebar or wooden stakes driven through each hole 1/4" - 2" into ground. Rebars to be driven flush with top of bales



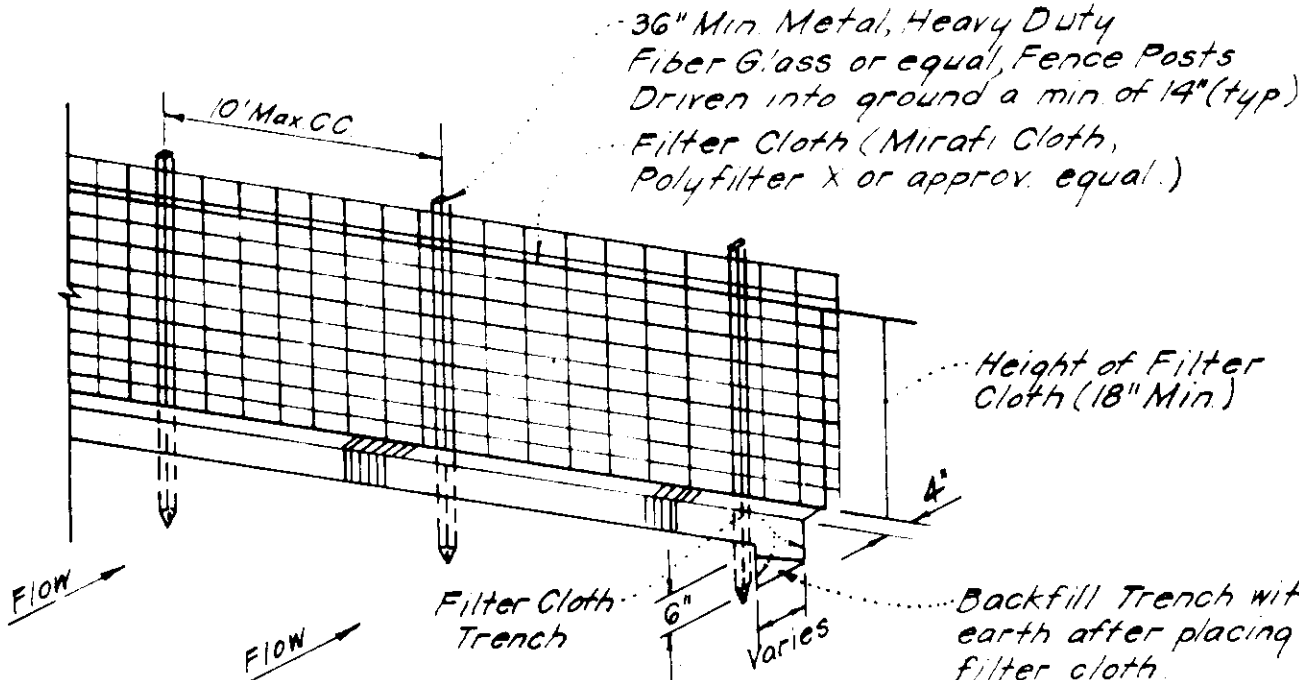
Excavated 4" below Ground before placing bales

Note: 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

Woven wire fence - Min 14 gauge; 6" Max spacing



3/8" Min Metal, Heavy Duty Fiber Glass or equal, Fence Posts Driven into ground a min of 14" (typ) Filter Cloth (Miraf Cloth, Polyfilter X or approx equal)

Height of Filter Cloth (18" Min)

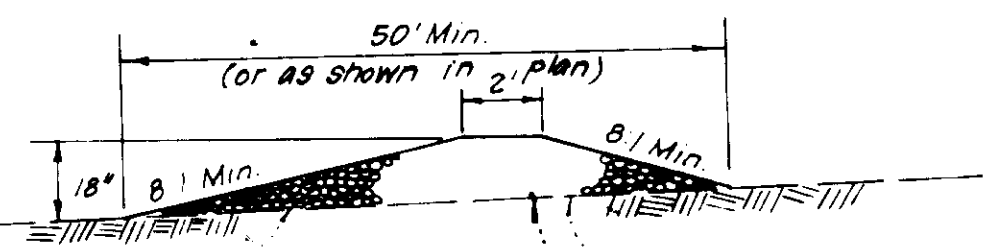
Backfill Trench with earth after placing Filter cloth

Notes:

- Woven Wire Fence to be fastened securely to fence posts by use of wire ties
- Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

**SILT FENCE DETAIL (SF)**

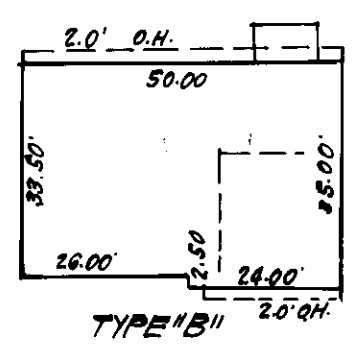
No Scale



No. 2 M.S.H.A Stone Ex. or Prop. Ground Provide Filter Cloth (Miraf Cloth, Polyfilter X or approved equal) under entire length

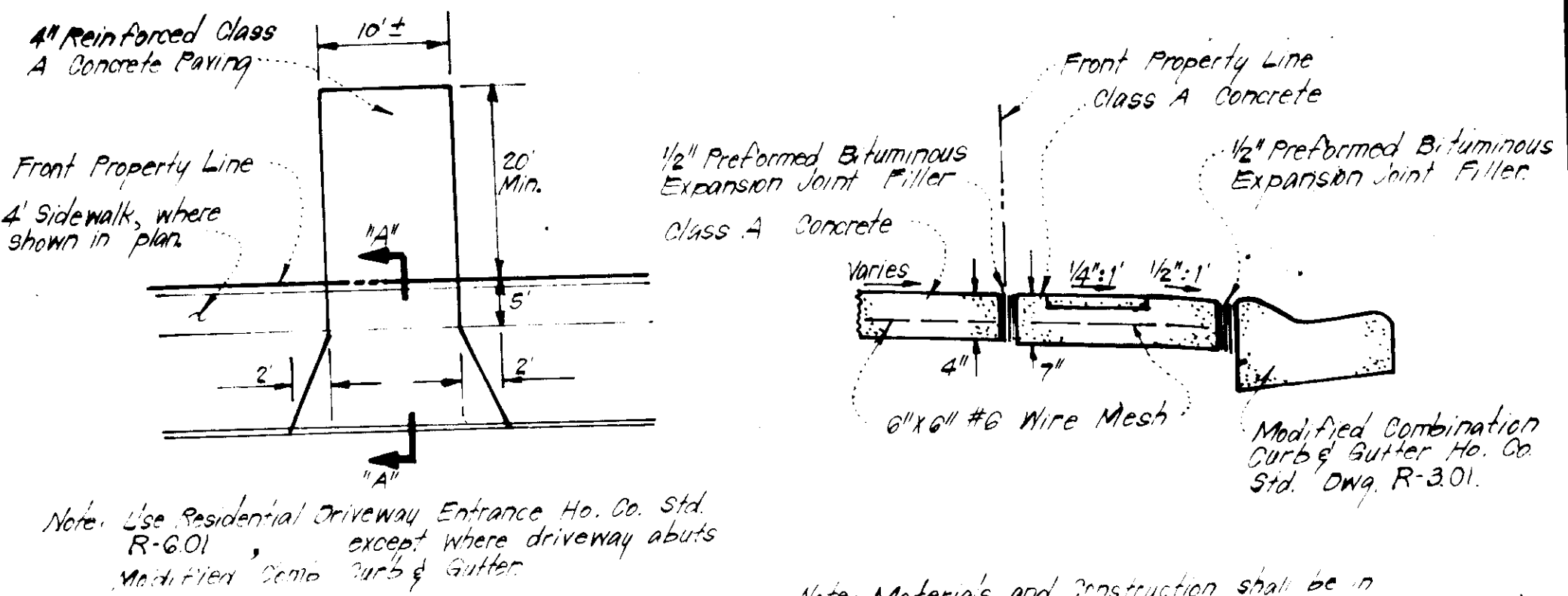
**STONE CONSTRUCTION ENTRANCE (S.C.E.)**

No Scale



TYPICAL HOUSE No Scale

- 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:
  - A Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf Mixture - 40% Kentucky Blue, 20% Chewina Fescue, 20% Kentucky 3' and 20% annual rye
  - B 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
  - C 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 brooder 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 involves 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 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 = 190 L.F.
- SITE ANALYSIS:
  - A. Total Area: 0.388 Acres
  - B. Area to be Roofed: 0.039 Acres
  - C. Area to be Paved: 0.014 Acres
  - D. Area to be Seeded: 0.096 Acres
  - E. Area Undisturbed: 0.239 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

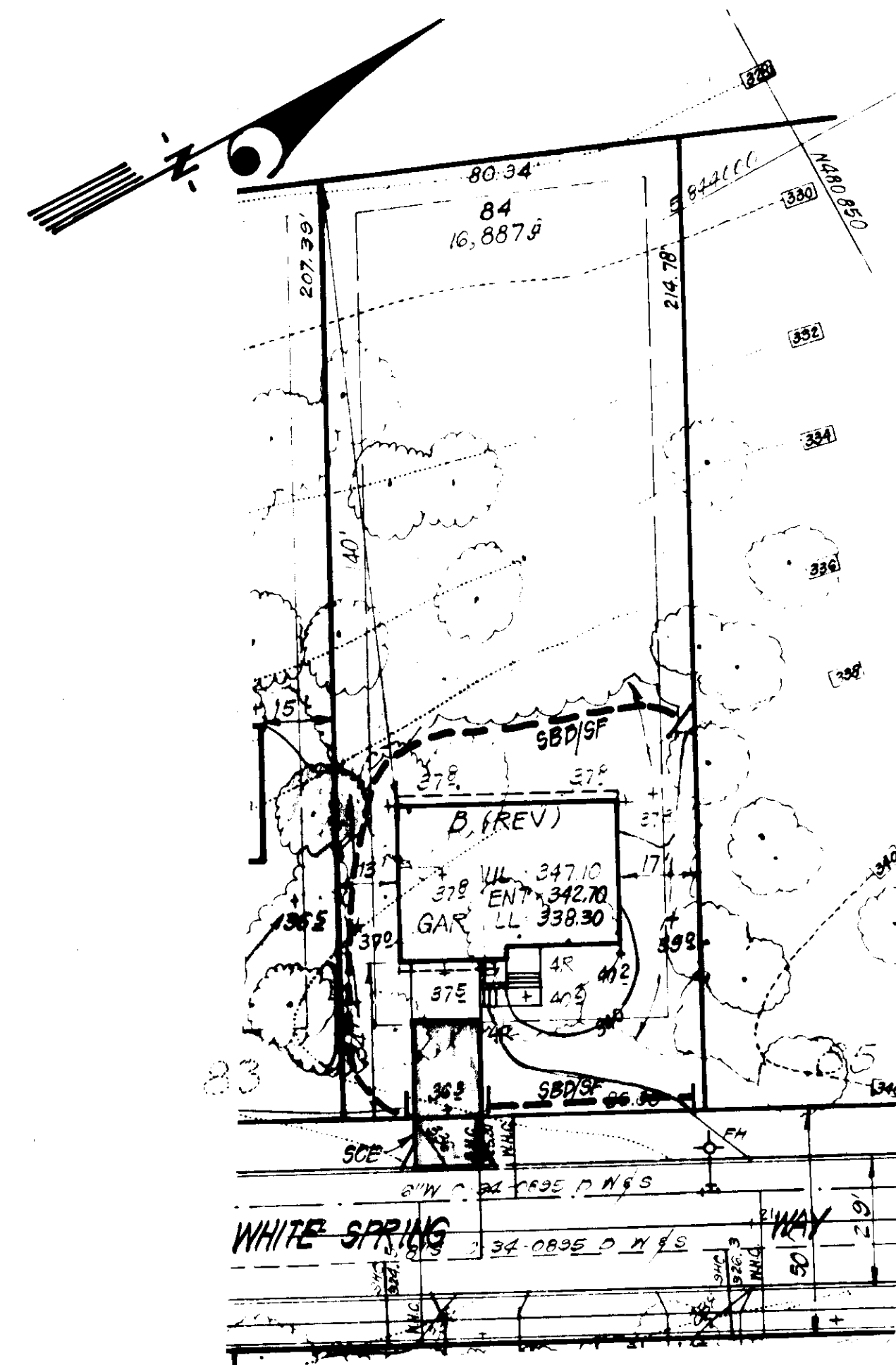
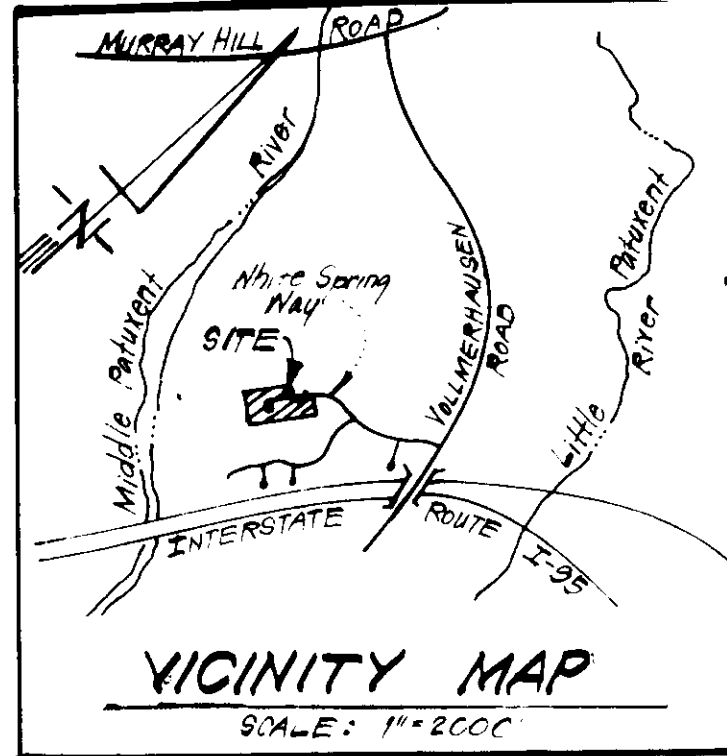


Note: Use Residential Driveway Entrance Ho. Co. Std. R-601 except where driveway abuts Modified Combination Curb & Gutter

Note: Materials and Construction shall be in accordance with Ho. Co. Std. Spec. 1 Details for Construction SECTION 1410-124

**DRIVEWAY ABUTTING MODIFIED COMBINATION CURB & GUTTER**

No Scale



**LEGEND:**

- Contour Interval: 2 Ft
- Existing Contour: - - - - -
- Proposed Contour: - - - - -
- Spot Elevation: +30.5
- Direction of Drainage: - - - - -
- Exist. Trees to be retained: (Symbol)
- Straw Bale Dike or Silt Fence: SBD/SF
- Stone Construction Entrance: SCE

**GENERAL NOTES:**

- The land included in this plan is generally New Town (S.E.M.D.)
- The lots shown on this plan are driveway by Final Development Plan (Phase 129-A-Part II)
- All street notes are based on traverse control for Columbia established by Maps 100, in 1965, by Purdom & Associates in 1968, which controls were tied to Maryland Bureau of Control Survey monuments and U.S. Coast & Geodetic Survey monuments in the Columbia area.
- The area covered in this submission is located on Tax Map # 42
- Total area included on this plan is 0.388 Acres.
- All roadways are public and Existing.
- Any damage to county owned rights of way shall be corrected at the developer's expense.
- Total Number of Lots: 1

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 2-7-83

JUM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Reviewed for Howard S.C.D.  
 Signature: [Signature]  
 U.S. Soil Conservation Service

ENGINEER'S CERTIFICATE  
 I hereby certify that this plan for Erosion and Sediment Control was prepared by a duly qualified and responsible person(s) involved in the construction of the project and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

CLARK • FINEFROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LEE HIGHWAY DRIVE  
 101-541-9400

DESIGNED: JUM  
 DRAWN: JUM  
 CHECKED: JUM  
 DATE: 1-11-83

SCALE: 1/4" = 30'  
 DRAWING: 1001  
 JOB NO: 80-101-X  
 FILE NO: 80-101-X

SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN  
 LOT 14  
 COLUMBIA  
 VILLAGE OF KINGS CONTRIVANCE  
 SECTION 3  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: ALLAN HOMES, INC.  
 P.O. Box 1058  
 Columbia, Md 21044

SDP-83-84c