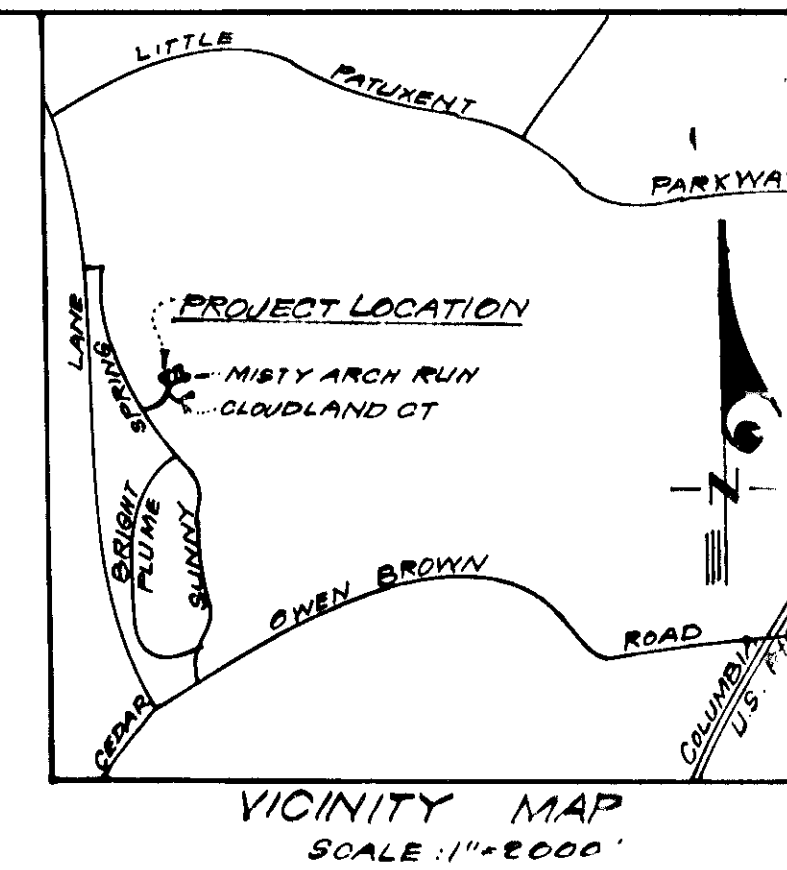


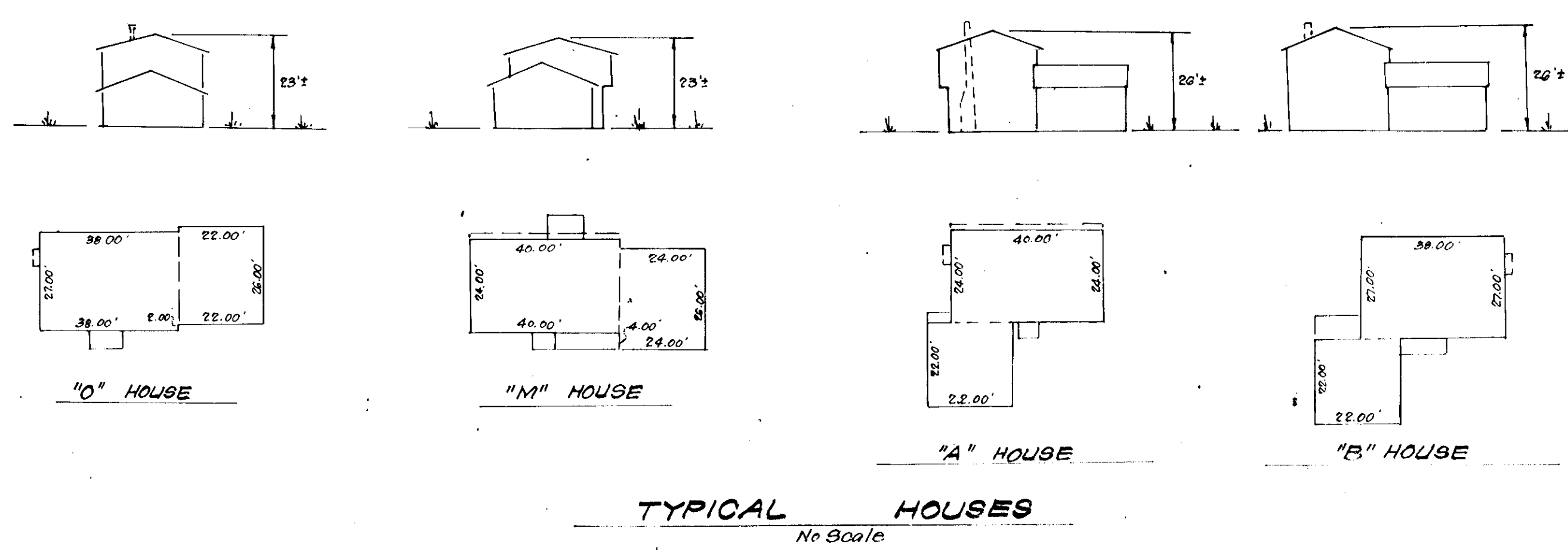
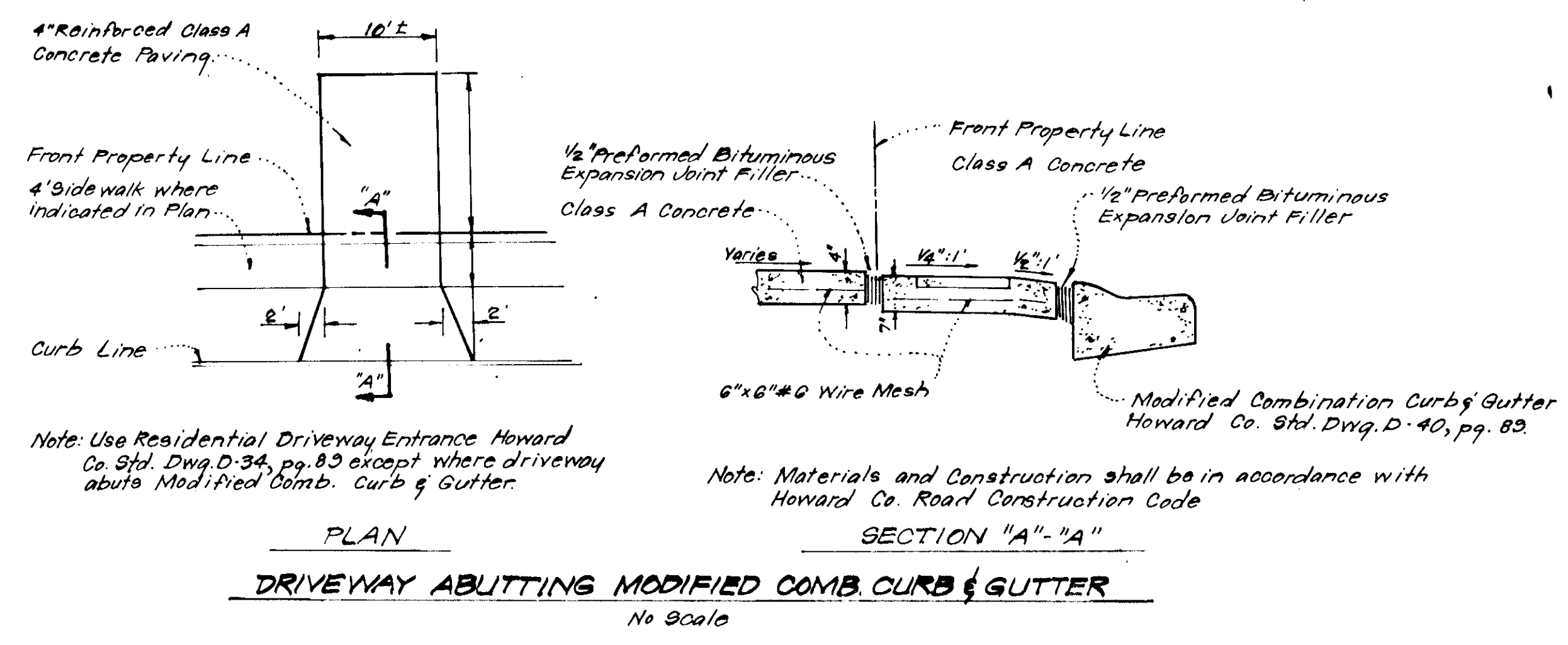
**LEGEND**

- 1. Contour Interval 2 FT
- 2. Existing Contour - - - - -
- 3. Proposed Contour - - - - -
- 4. Spot Elevation + 30.8
- 5. Direction of Drainage →
- 6. Ex. Trees to be Retained ○



**GENERAL NOTES**

1. The Land included in this plan is zoned New Town (S.F.M.D.)
2. The Lots shown in this plan are covered by Final Development Plan Phase 166 recorded in P.B. 2054, Folios A-33, 34 & 35.
3. All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast & Geodetic Survey Mean Sea Level Datum of 1929.
4. The Area covered in this submission is located on Tax Map # 35.
5. The total area included in this plan is 1.303 Acres.
6. All Roadways are public and existing.
7. Any damage to county owned rights of way or paving shall be corrected at the developer's expense.



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

*[Signature]* DATE 6-29-78

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT DATE

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

*[Signature]* DATE 6/26/78

DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

5-16-78

*[Signature]*

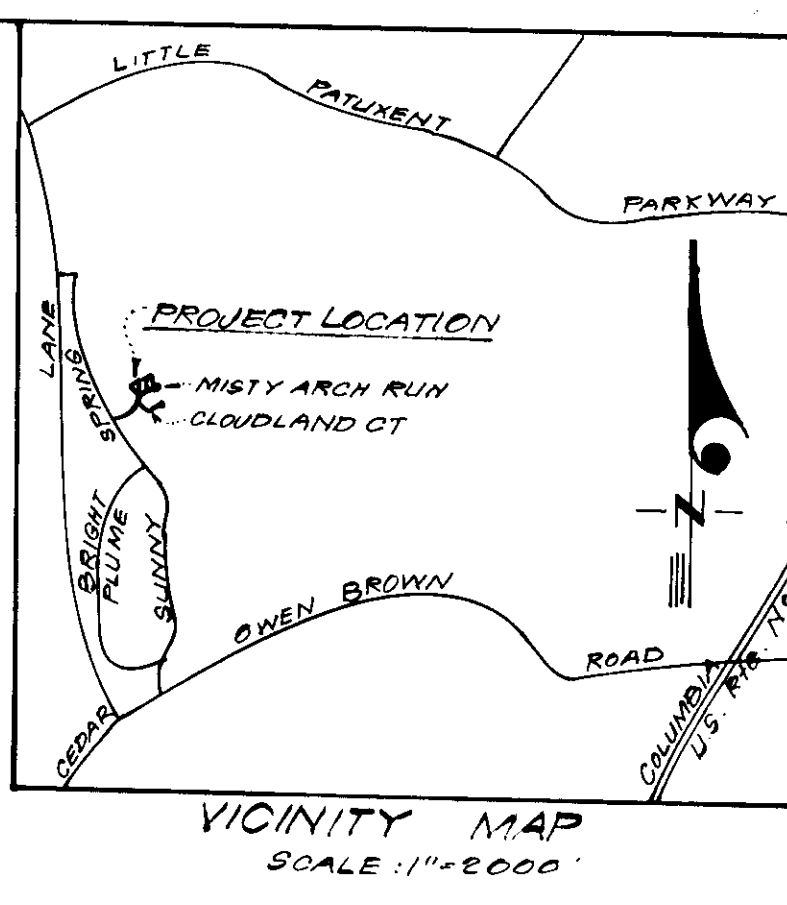
Note: For Bearings and Distances of Individual lot lines, see Record Plat recorded as Plat 3954.

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS		11115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN LOT 45 TRIN 80	
DRAWN K.I.W.	<b>COLUMBIA</b>	
CHECKED D.B.S.	VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DATE Apr. 1978	FOR: QUINCY DEVELOPMENT CO. 1051 Whitestone Road Columbia, Maryland 21044	

SDP-78-100c



- LEGEND**
1. Contour Interval 2 FT.
  2. Existing Contour - - - - -
  3. Proposed Contour - - - - -
  4. Spot Elevation +308
  5. Direction of Drainage
  6. Ex. Trees to be Retained
  7. Diversion Dike
  8. Stone Filter Inlet Protection or S.F.I.P.
  9. Stone Construction Entrance



APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 5-16-78  
JDM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
HEALTH OFFICER Joseph Brylunas DATE 6-29-78  
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR [Signature] DATE 6-13-78  
CHIEF DIVISION OF LAND DEVELOPMENT

Reviewed for HOWARD S.C.D.  
and meets Technical Requirements  
C. Wayne Key 6-13-78  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED  
FOR SOIL CONSERVATION AND SEDIMENT  
CONTROL BY THE HOWARD SOIL  
CONSERVATION DISTRICT.

**DEVELOPER'S CERTIFICATE**  
I certify that all development and/or construction  
will be done according to the plan of development  
and plan for Erosion and Sediment Control, and I will  
maintain periodic erosion inspection by the Howard  
Soil Conservation District or their authorized agent  
as are deemed necessary. Deviation from this plan  
will not be made unless authorized by the Howard  
Soil Conservation District.  
[Signature] 12-29-77  
Logan Jennings 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 Conserva-  
tion District.  
[Signature] 4-18-78  
G. Nelson Clark Date

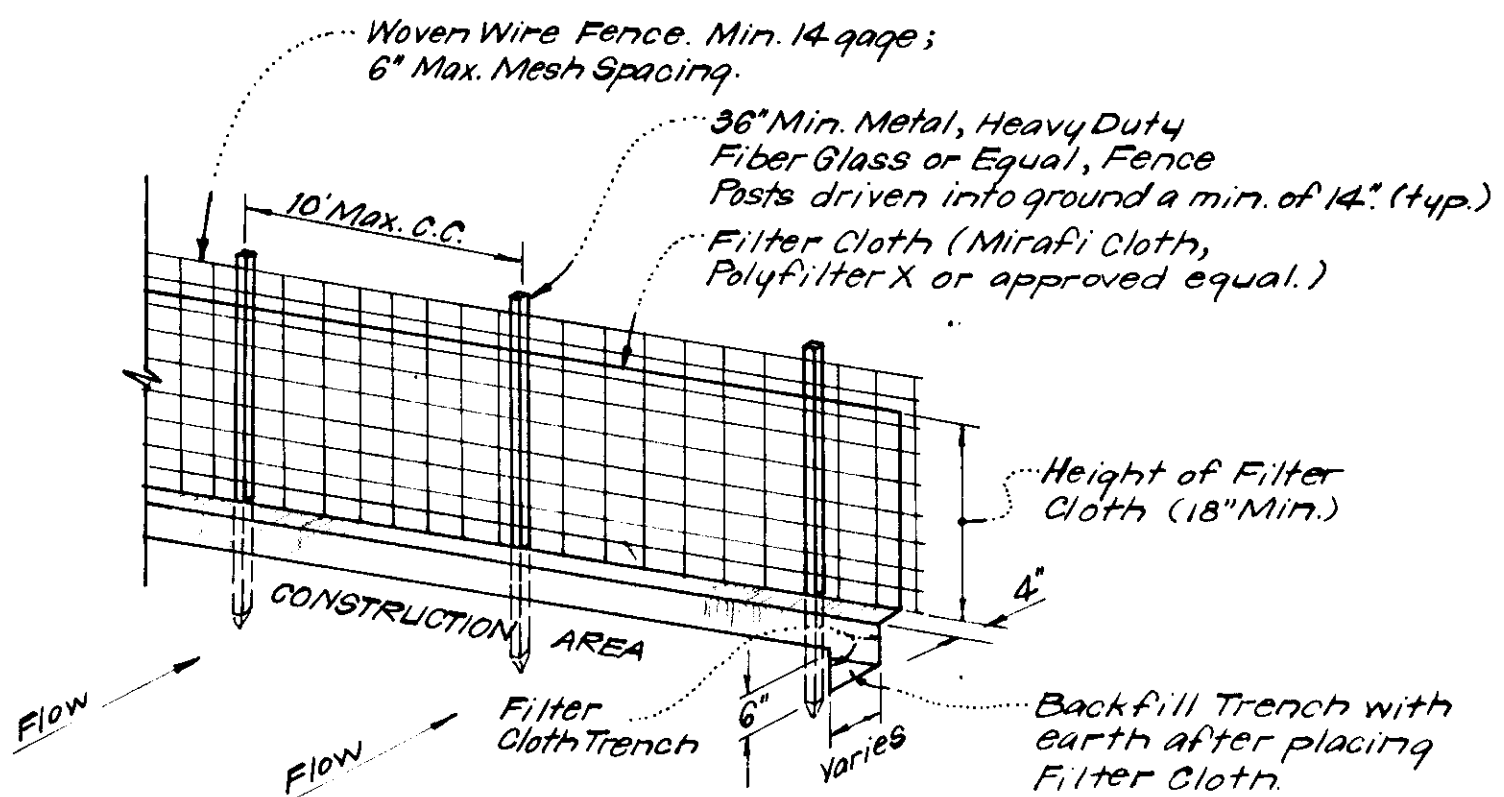


Note: For Bearings and Distances of Individual lot lines, see Record Plat recorded as Plat 3054.

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 1145 LEXWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED <b>D.R.H.</b>	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 25 THRU 30	SCALE 1"=30'
DRAWN <b>K.I.W.</b>	<b>COLUMBIA</b>	DRAWING 2 of 3
CHECKED <b>D.B.S.</b>	VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE Apr. 1978	FOR: QUINCY DEVELOPMENT Co. 5051 Whetstone Road Columbia, Maryland 21044	FILE NO. 1294-SE

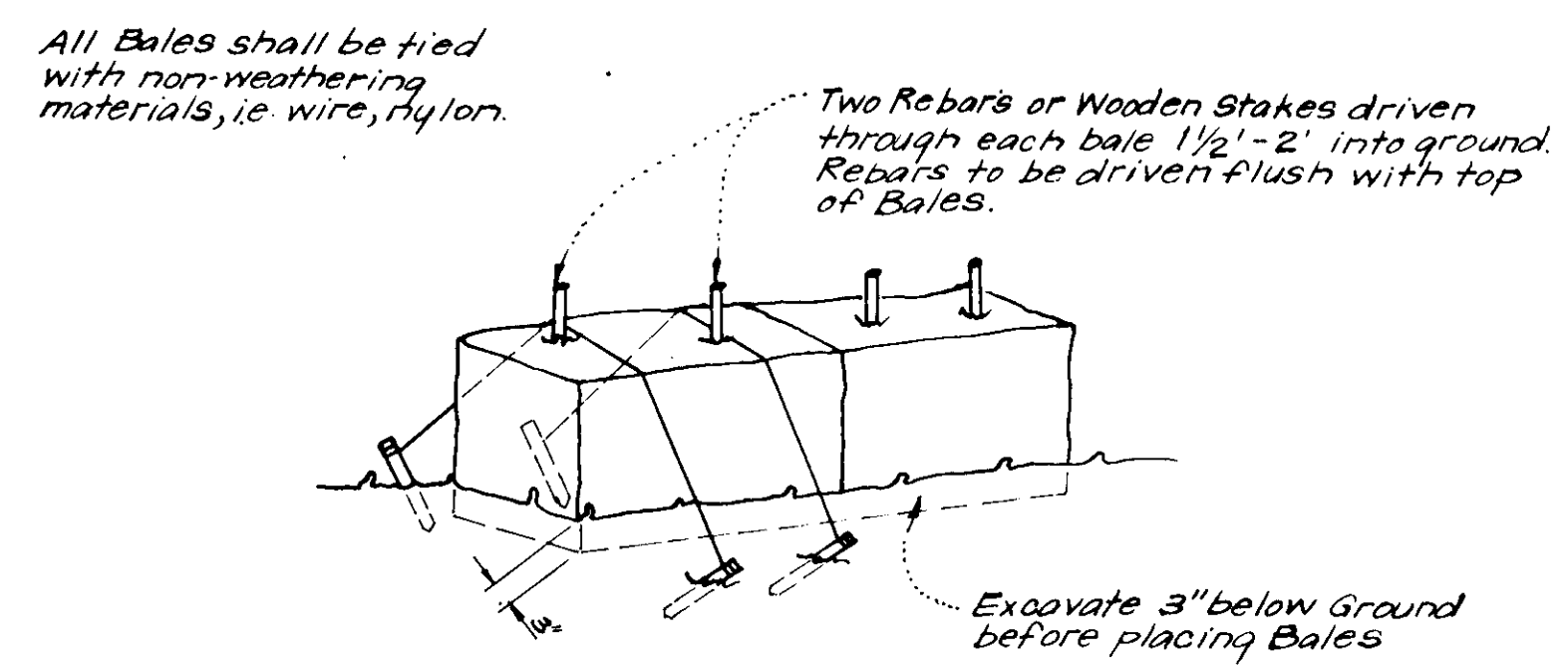
**GENERAL NOTES**

- 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 #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 14 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hours 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 Grading shall be treated in accordance with the following Specifications:
  - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewy Fescue, 20% Kentucky 31, and 20% annual rye.
  - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 lbs/1000 sq. ft.
  - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binders, wood chips, etc.
- 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- SITE ANALYSIS:**
  - Total Area = 1.908 Acres
  - Area to be Roofed = 0.212 Acres
  - Area to be Paved = 0.083 Acres
  - Area to be Seeded = 0.706 Acres
  - Area Undisturbed = 0.902 Acres
- CONSTRUCTION SEQUENCE:**
  - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
  - Excavate for Foundations and Rough Grade.
  - Erect Structures, Driveways and Sidewalks.
  - Final Grade and stabilize in accordance with Note #5.
- 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.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence Shown = 120 L.F.



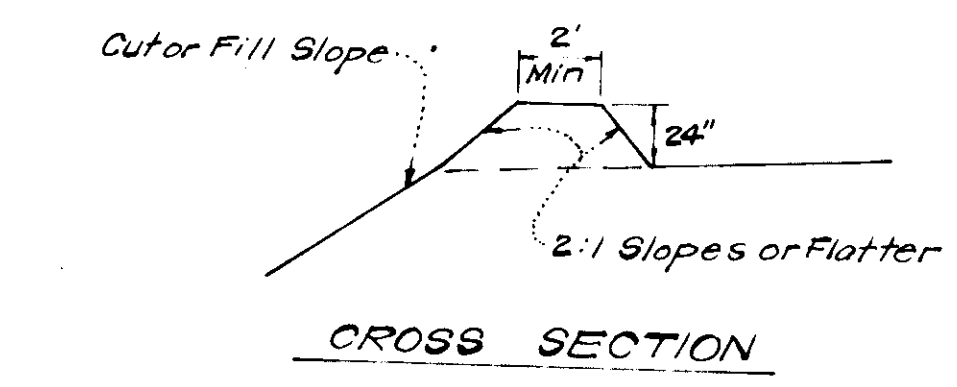
**NOTES:**  
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

**SILT FENCE DETAIL (S.F.)**  
 No Scale

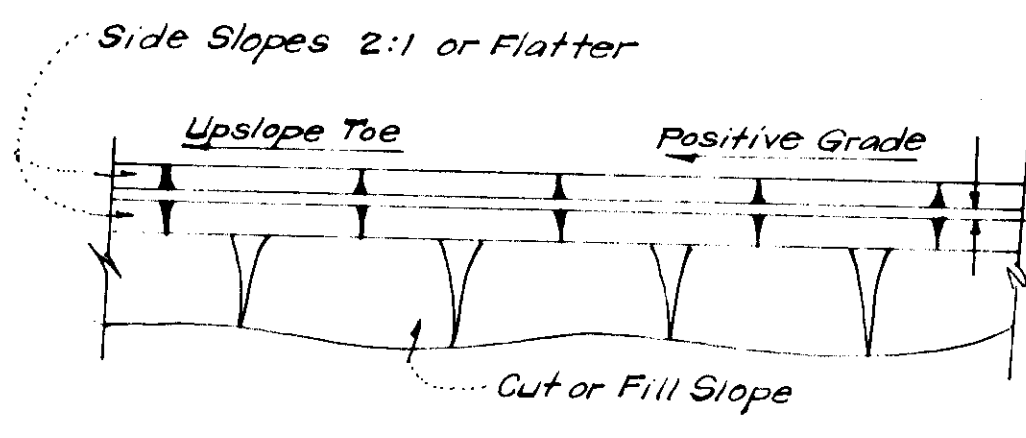


**NOTE:**  
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

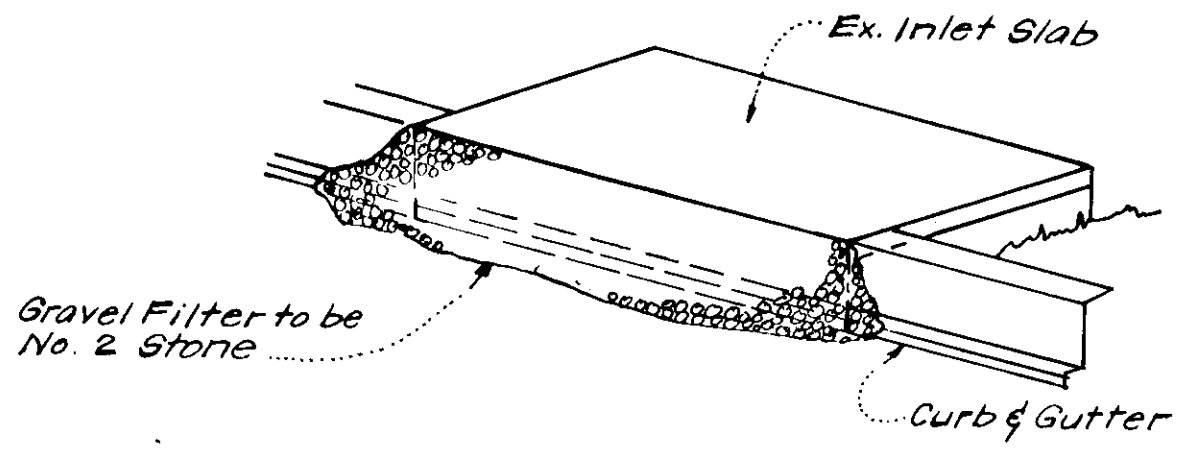
**TYPICAL STRAW BALE DETAIL (S.B.D.)**  
 No Scale



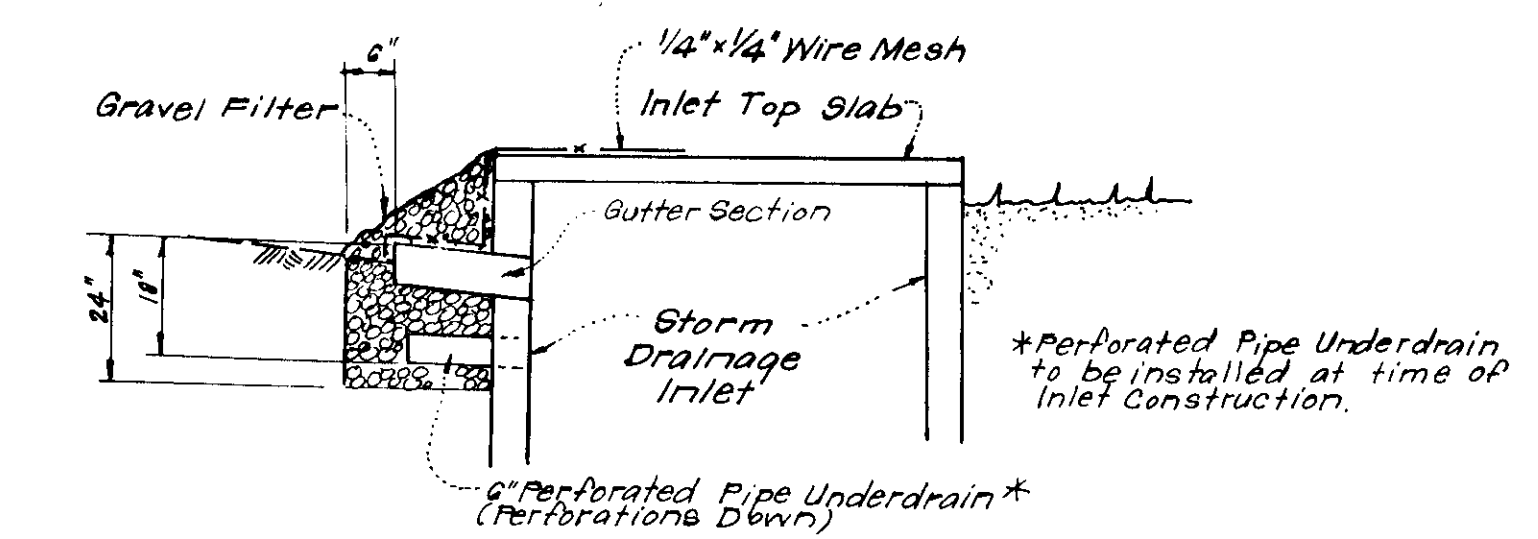
**CROSS SECTION**



**PLAN VIEW**  
**DIVERSION DIKE (D.D.)**  
 No Scale

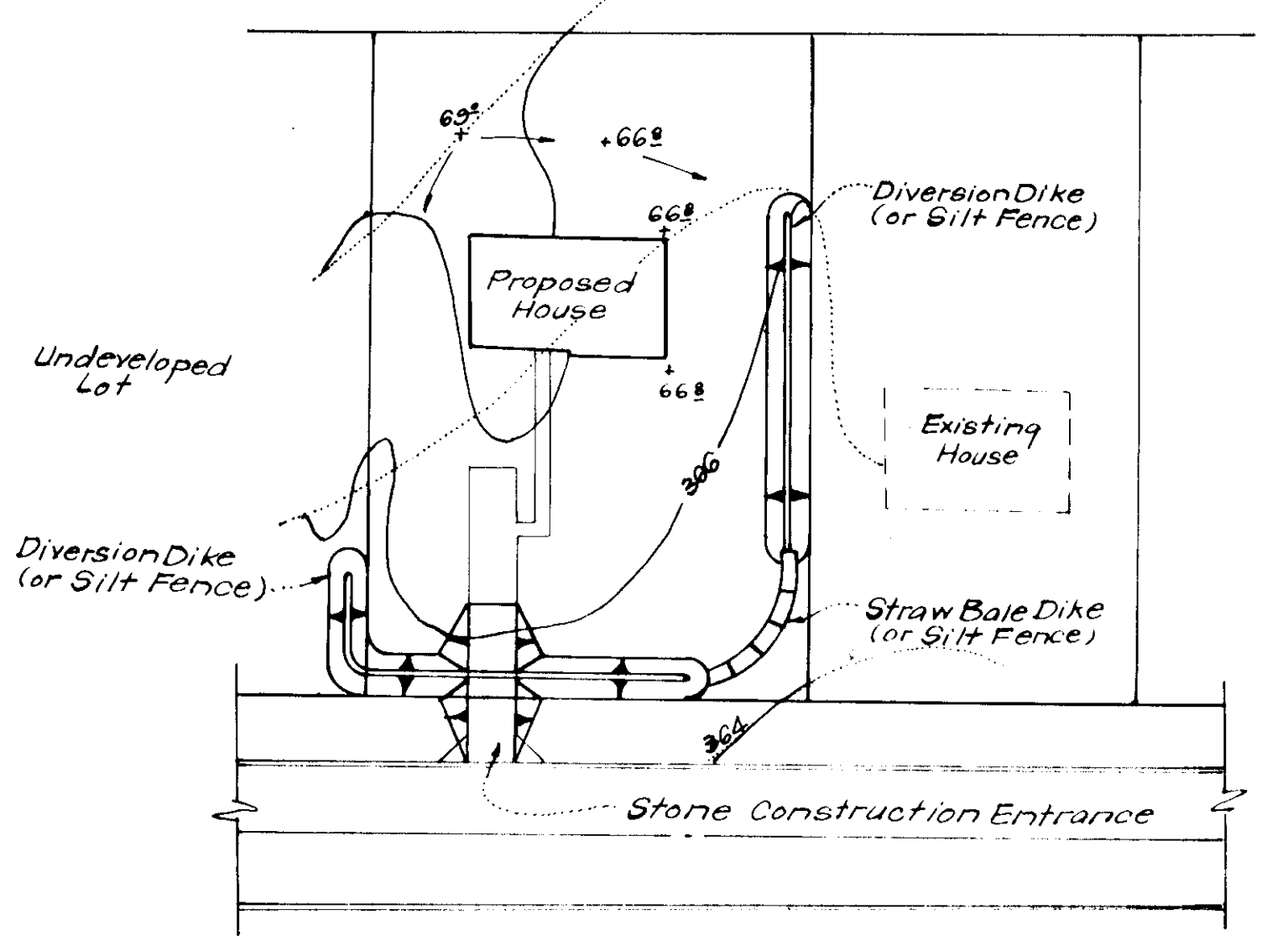


**ISOMETRIC VIEW**

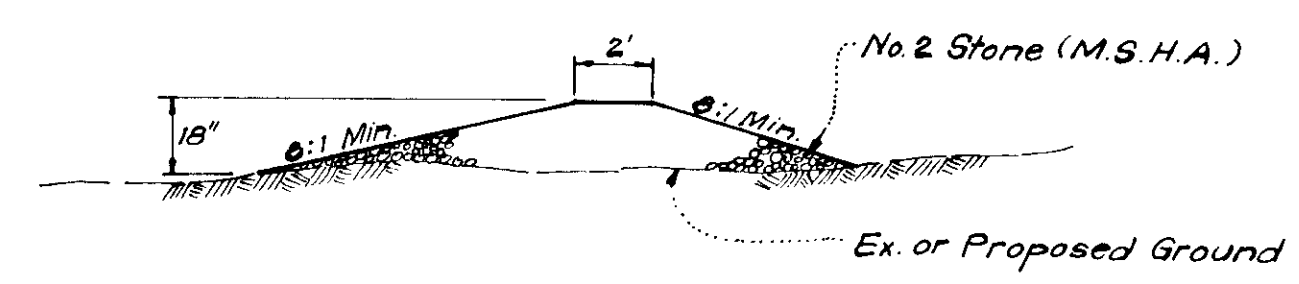


**SECTION VIEW**

**STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)**  
 No Scale



**TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN**  
 No Scale



**SECTION VIEW**

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

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 5-16-78  
 JLM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 J. J. [Signature] 6-27-78  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR [Signature] DATE 6-30-78  
 CHIEF DIVISION OF LAND DEVELOPMENT  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 RICHARD E. BRUDENBACH 6/26/78  
 DIRECTOR DATE  
 CHIEF BUREAU OF ENGINEERING DATE

Reviewed for: HOWARD S.C.D.  
 and meets Technical Requirements  
 C. [Signature] 6-13-78  
 U.S. Soil Conservation Service

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

Wes EARP Approved 6-13-78

**DEVELOPER'S CERTIFICATE**  
 I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

[Signature] 12-29-77  
 Logan Jennings

**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] 4-18-78  
 G. W. [Signature]



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		
DESIGNED D.R.H.	BEDIMENT & EROSION CONTROL PLAN LOTS 25 THRU 30  <b>COLUMBIA</b> VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: QUINCY DEVELOPMENT Co. 5051 Whetstone Road Columbia, Md 21044	SCALE As Shown
DRAWN K.I.W.		DRAWING 3 of 3
CHECKED D.B.S.		JOB NO.
DATE Apr. 1978		FILE NO. 1294-SE
		SDP-78-100. See Also: 1333-X 1152-R 358 HC