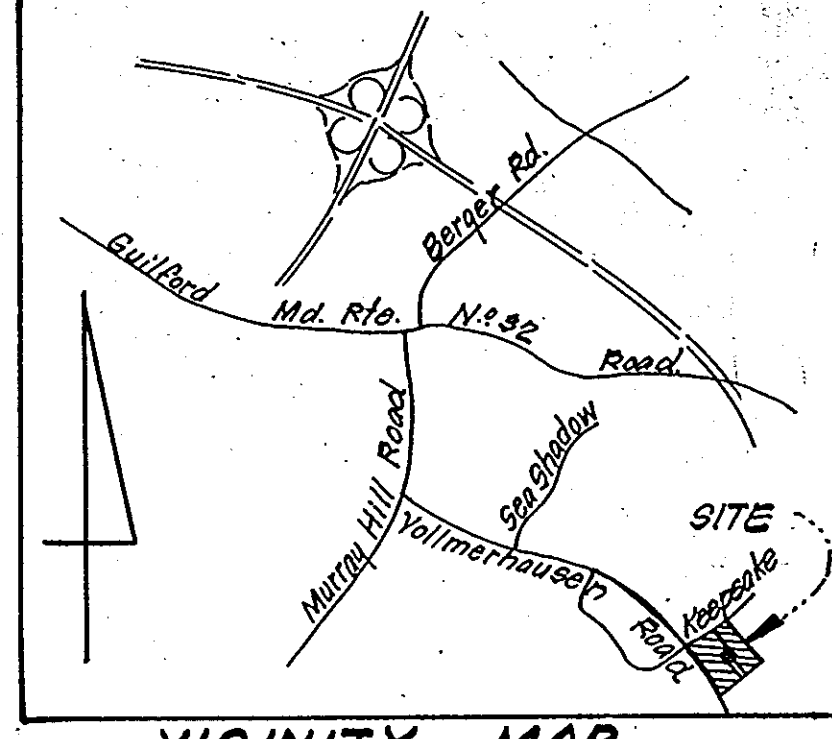
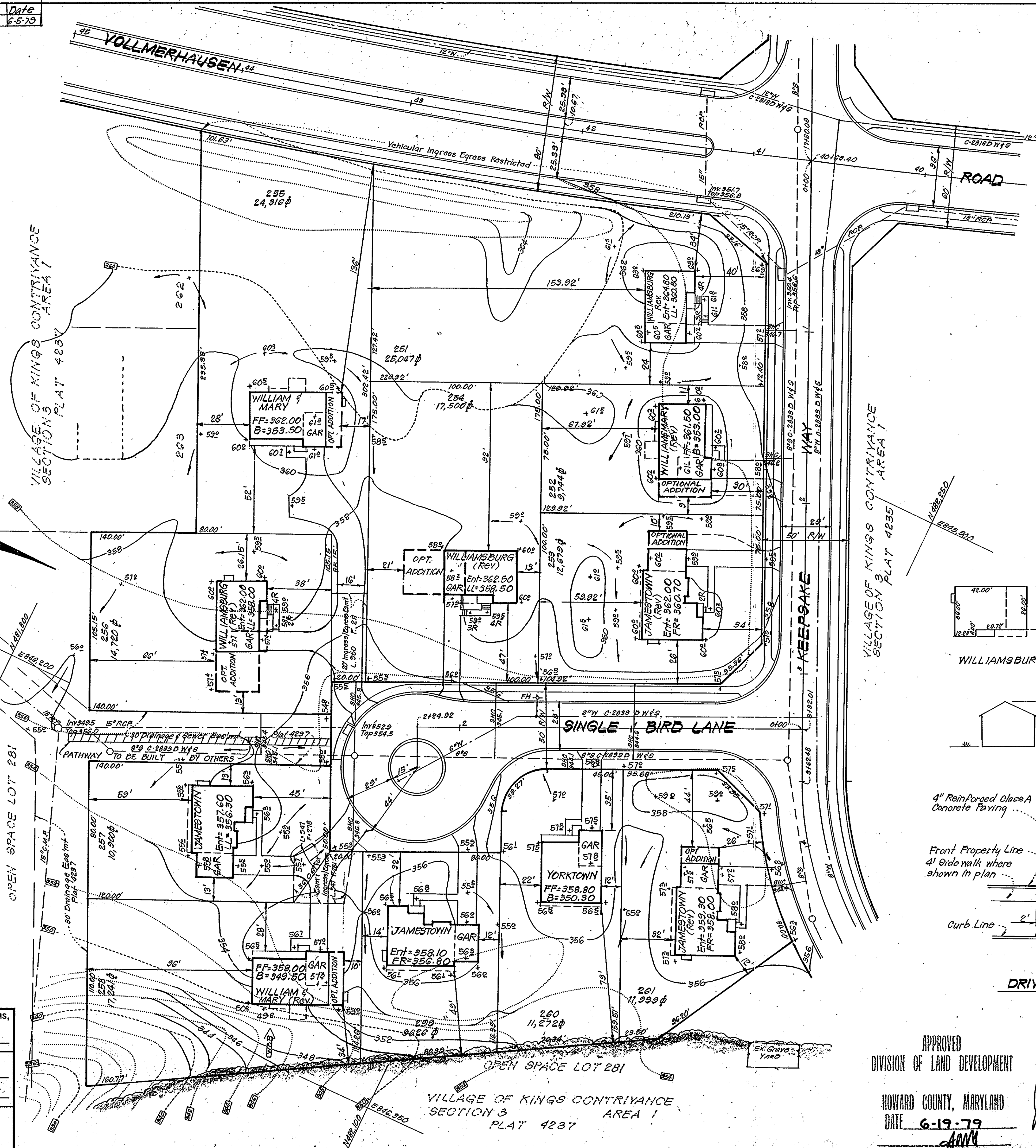
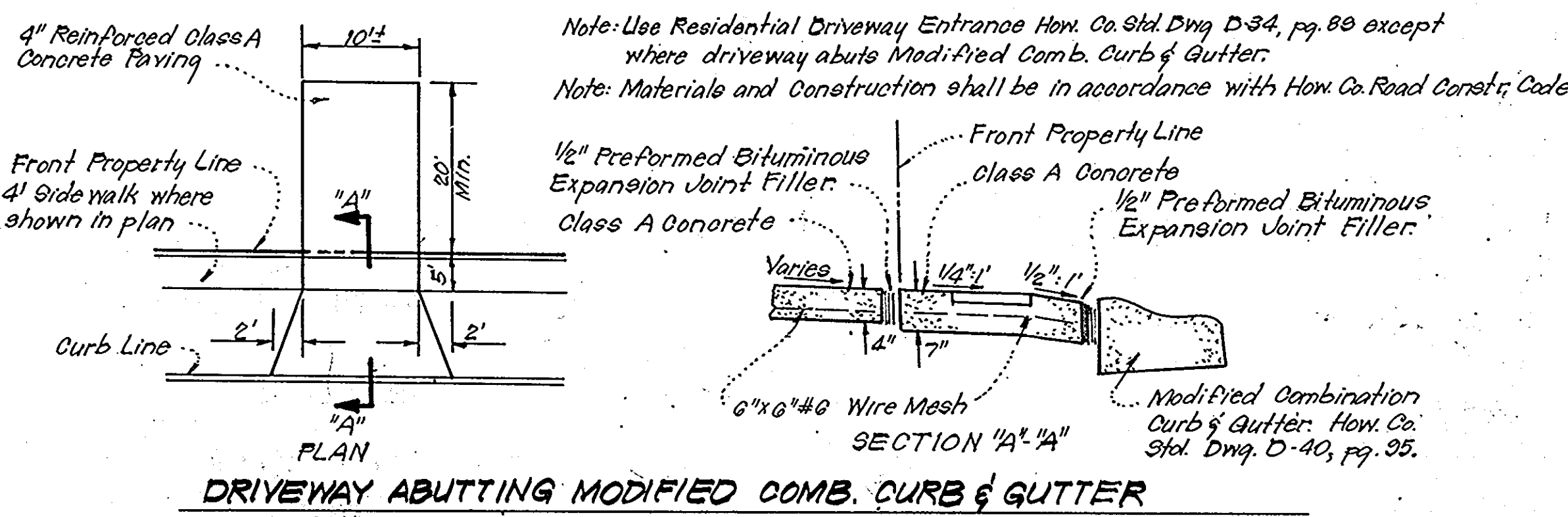
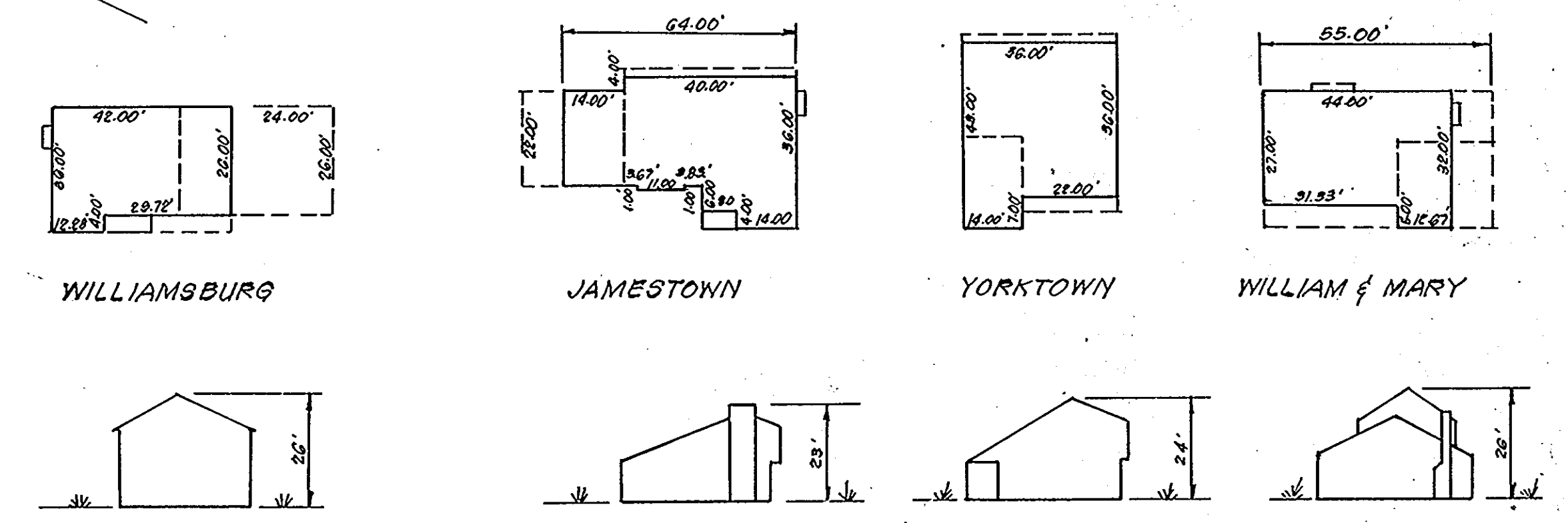


No	REVISION	Date
1	Revised Grades on Lots 251, 254 & 256	6-5-79



- GENERAL NOTES:**
- The Land included in this plan is zoned New Town (9FMD.)
 - The Lots shown on this plan are covered by Final Development Plan Phase 169A-Part I, Plat No. 3054 A, 162-176, Feb. 8, 1979.
 - 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.
 - The area covered in this submission is located on Tax Map #42.
 - The total area included on this plan is 3.787 Acres.
 - All roadways are public & existing.
 - Any damage to county owned rights of way shall be corrected at the developer's expense.

- LEGEND:**
- Contour Interval 2 Ft.
 - Existing Contour - - - - -
 - Proposed Contour - - - - -
 - Spt. Elevation + 205
 - Direction of Drainage
 - Exist. Trees to be retained
- Total Number of Lots 11



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 8-9-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 8-10-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 8-8-79

CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 8-7-79

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 6-19-79
[Signature]

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

DESIGNED: D.B.S. SCALE: 1"=30'

DRAWN: R.L.M. DRAWING: 1013

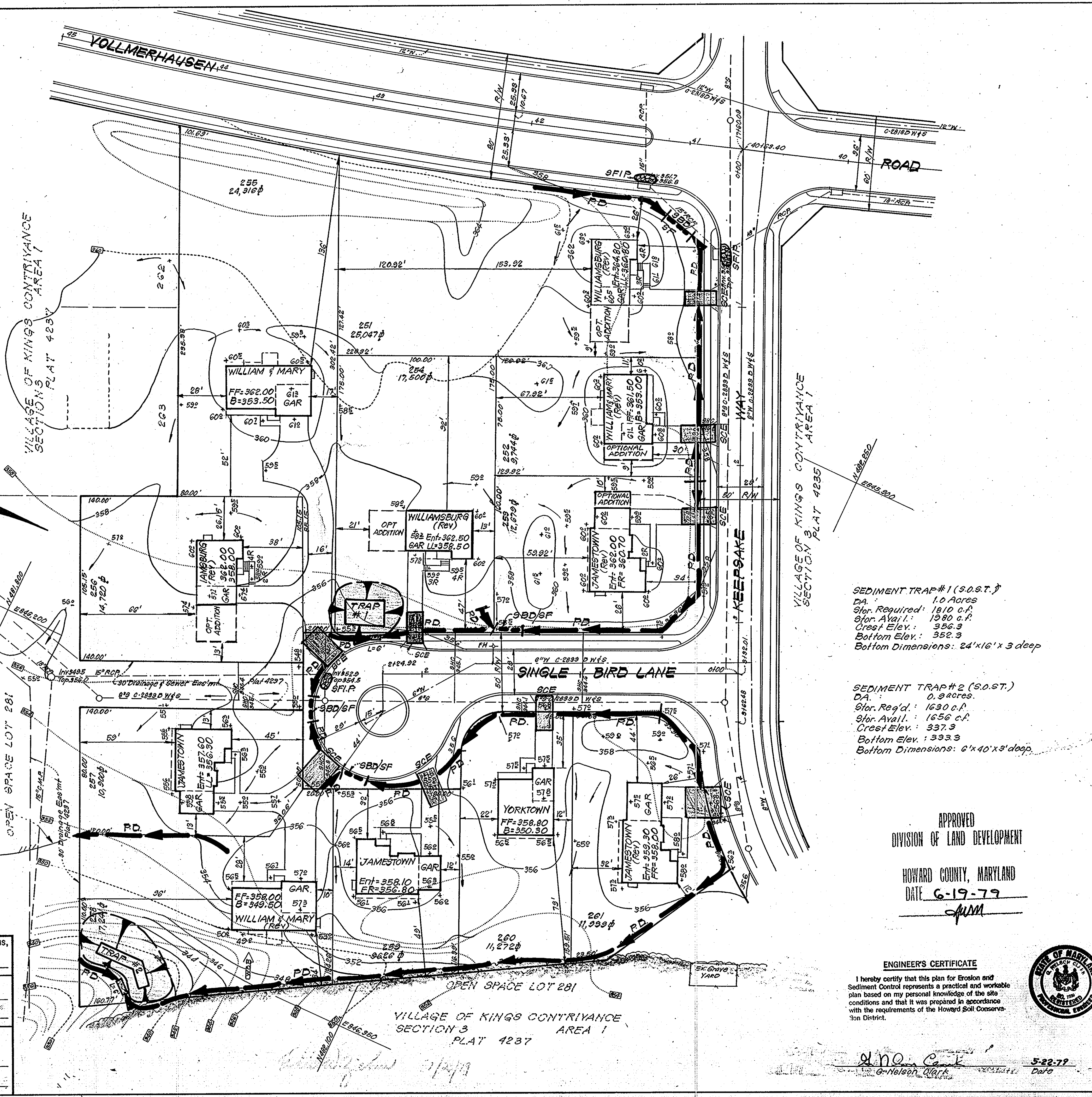
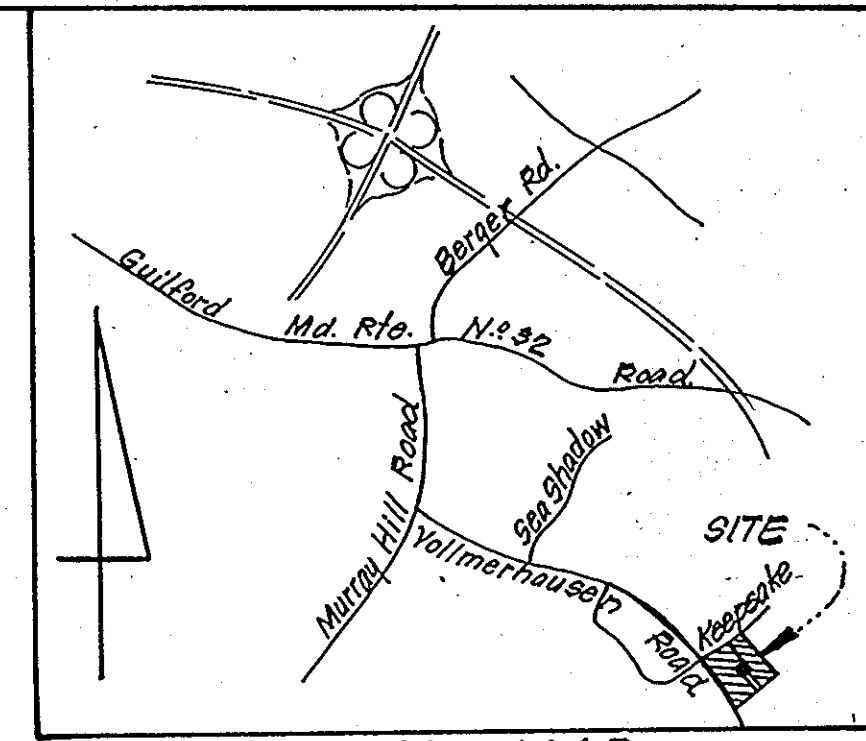
CHECKED: D.B.S. JOB NO.: 79-019

DATE: May, 1979 FILE NO.: 79-019-X

SITE DEVELOPMENT PLAN
 LOTS 251 THRU 261
COLUMBIA
 VILLAGE OF KINGS CONTRIYANCE SECTION 3 AREA 1
 914 SECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: FRED PRYTY CORPORATION
 513 BENEFICIAL ROAD
 Severna Park, Md. 21146

SDP-79-153



- LEGEND:**
- 1. Contour Interval 2 FT.
 - 2. Existing Contour - - - - -
 - 3. Proposed Contour - - - - -
 - 4. Spot Elevation +20'
 - 5. Direction of Drainage
 - 6. Exist. Trees to be retained
 - 7. Perimeter Dike
 - 8. Straw Bale Dike or Silt Fence
 - 9. Stone Filter Inlet Protection S.F.I.P.
 - 10. Stone Construction Entrance S.C.E.
 - 11. Sediment Trap

SEDIMENT TRAP #1 (S.O.S.T.)
 DA: 1.0 Acres
 Stor. Required: 1810 c.f.
 Stor. Avail.: 1980 c.f.
 Crest Elev.: 356.3
 Bottom Elev.: 352.3
 Bottom Dimensions: 24'x16' x 3 deep

SEDIMENT TRAP #2 (S.O.S.T.)
 DA: 0.9 acres
 Stor. Req'd.: 1630 c.f.
 Stor. Avail.: 1656 c.f.
 Crest Elev.: 337.3
 Bottom Elev.: 333.3
 Bottom Dimensions: 6'x40' x 3 deep

Reviewed for: HOWARD S.C.D.
 Name
 and meets Technical Requirements
 Signature: Robert W. Ziehm
 Date: 7/23/79
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 6-19-79
JMM

Robert W. Ziehm 7/23/79
 Approved Date

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 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.

Fred Pritt 5-22-79
 Signature Date
 Fred Pritt

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.

W. Nelson Clark 5-22-79
 Date



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
Jessie Boyden 8-9-79
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
William J. Adams 8-10-79
 PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. J. Adams 8-8-79
 DIRECTOR DATE

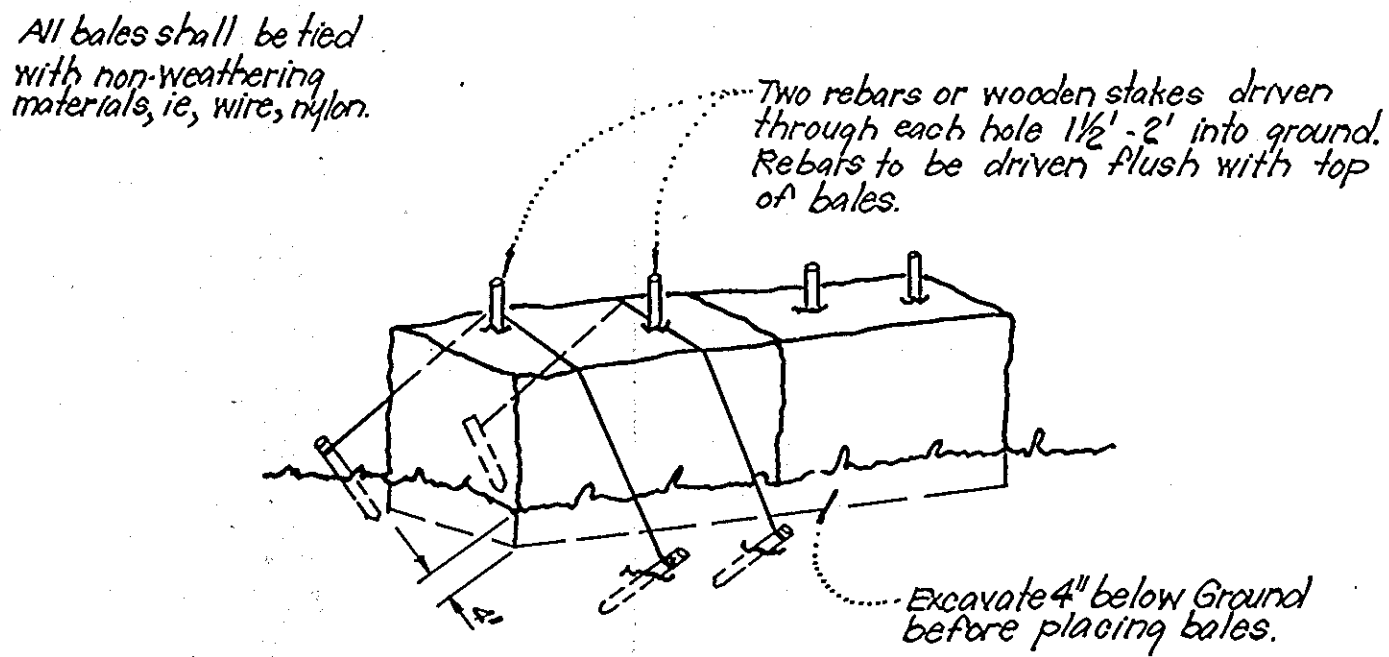
W. J. Adams 7-27-79
 CHIEF BUREAU OF ENGINEERING DATE

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400	
DESIGNED	R.J.S.
DRAWN	R.J.S.
CHECKED	K.W.
DATE	May, 1979
SCALE 1"=30' DRAWING 2 of 3 JOB NO. 79-019 FILE NO. 79-0199E	
PROJECT SEDIMENT & EROSION CONTROL PLAN LOTS 251 THRU 261 COLUMBIA VILLAGE OF KINGS CONTRIYANCE SECTION 3 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: FRED PRITT CORPORATION 513 Bentfield Road Severna Park, Md 21146 SDP-79-153	

GENERAL NOTES

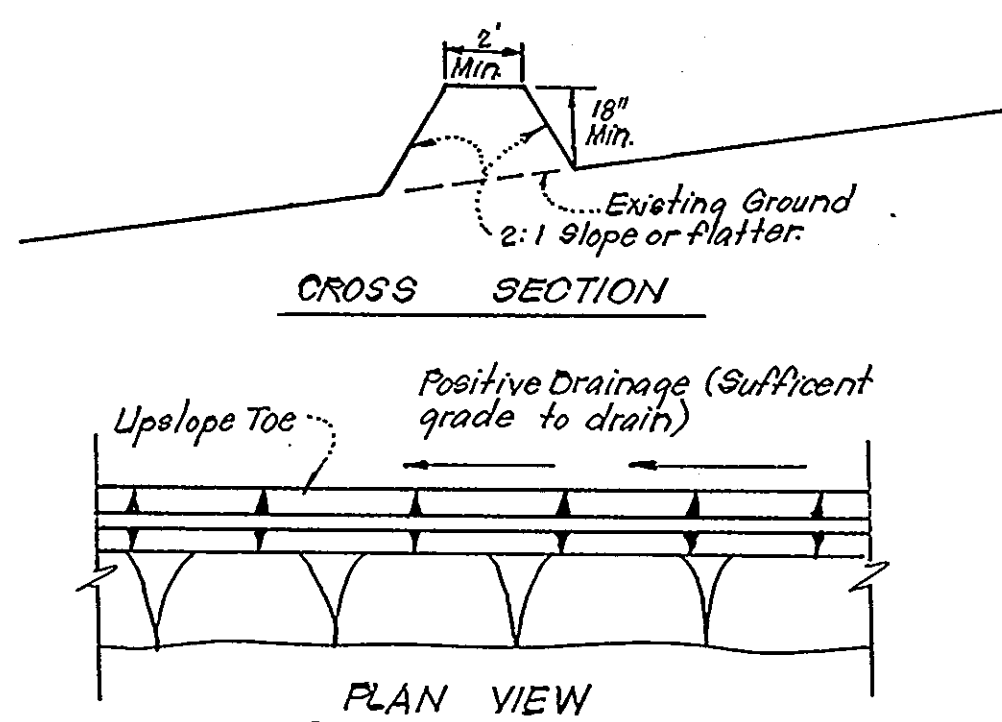
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization plan except that the seed mixture will be annual rye applied at a rate of 1.4 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 grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 5 lbs/1000 sq. ft. 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 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 46 lbs/1000 sq. ft.
 - Mulch - Weed Free grain straw applied at a rate of 46 lbs/1000 sq. ft. 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 drainage ways to live 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 = 60 LF
- SITE ANALYSIS:

A. Total Area:	3.79	Acres
B. Area to be Roofed:	0.40	Acres
C. Area to be Paved:	0.25	Acres
D. Area to be Seeded:	2.73	Acres
E. Area Undisturbed:	0.41	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 #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 from this site.

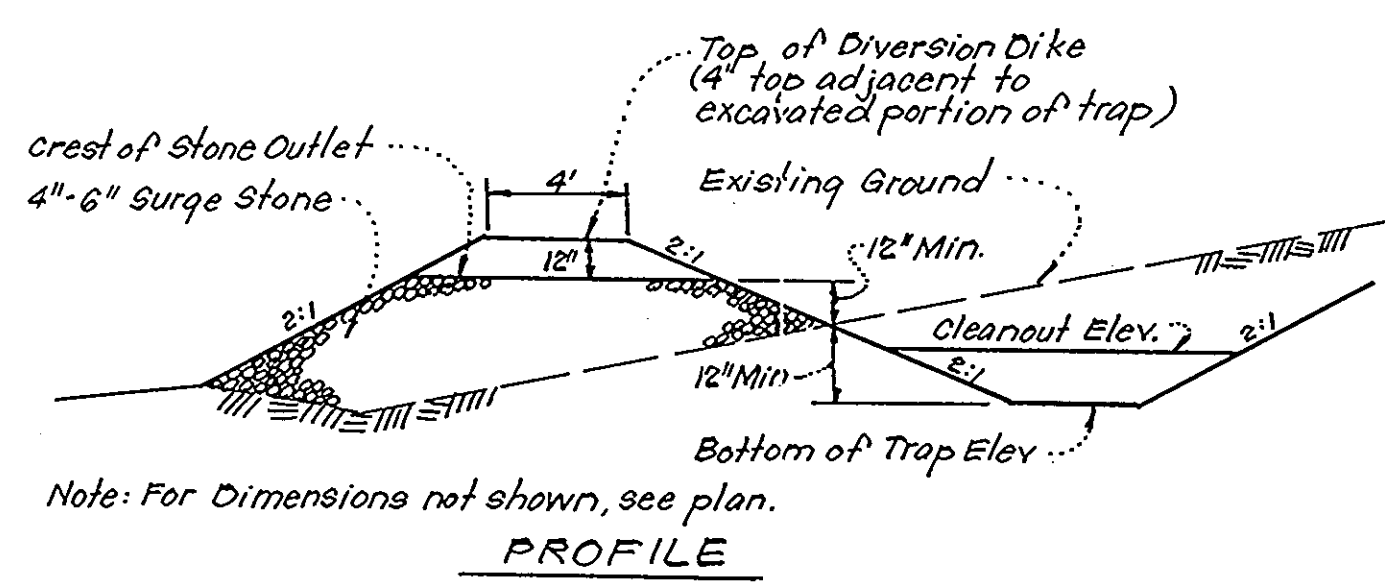


Note:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

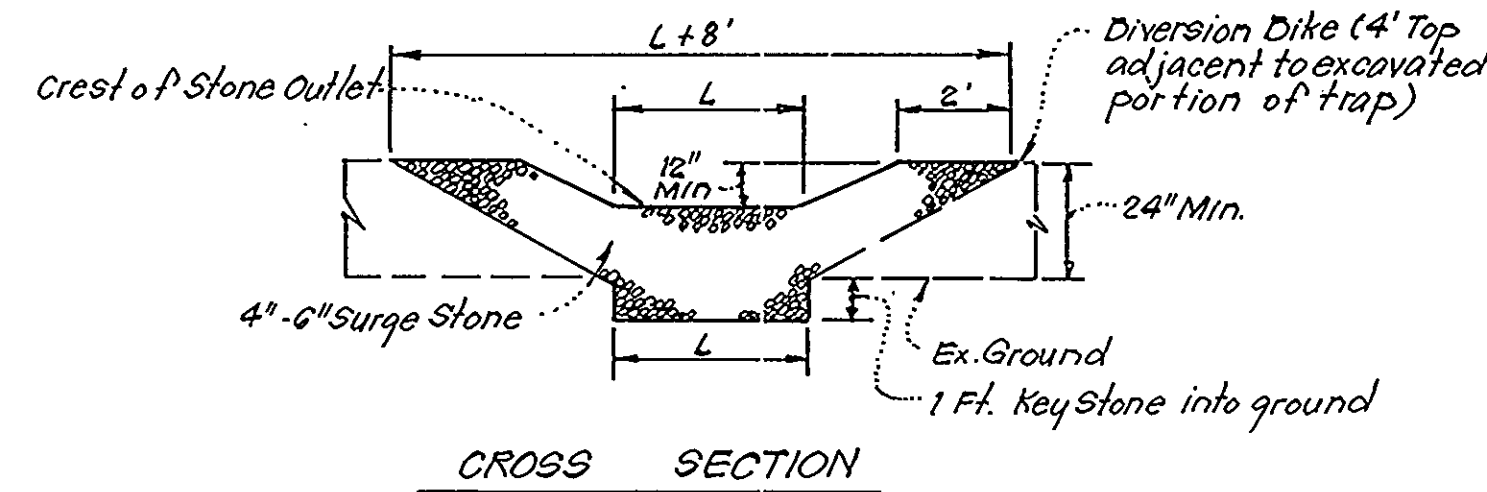
TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale



TYPICAL PERIMETER DIKE DETAIL (PD)
No Scale

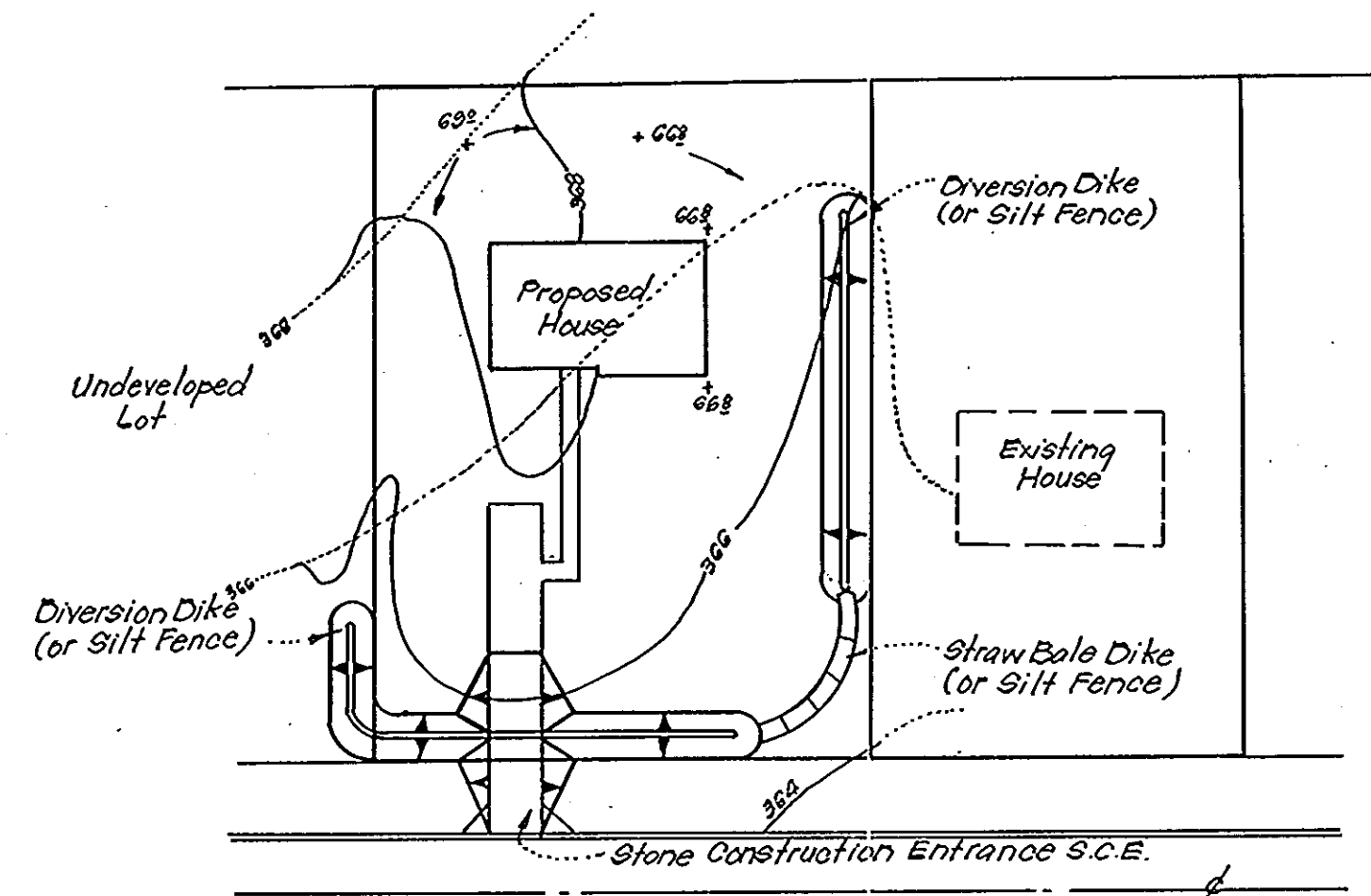


Note: For Dimensions not shown, see plan.

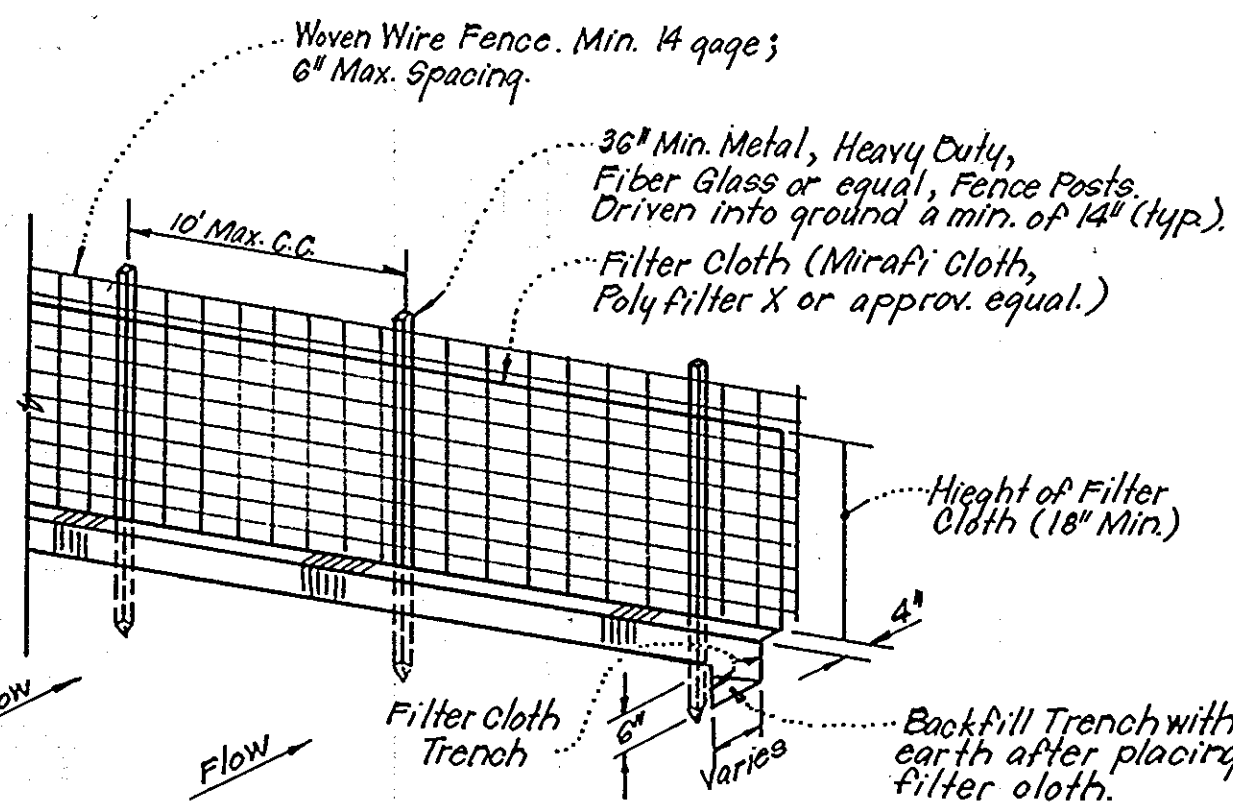


Notes:
1. Sediment Trap to be cleaned out when sediment reaches a level of 1 ft. below crest of stone outlet.
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
3. Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.

DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale

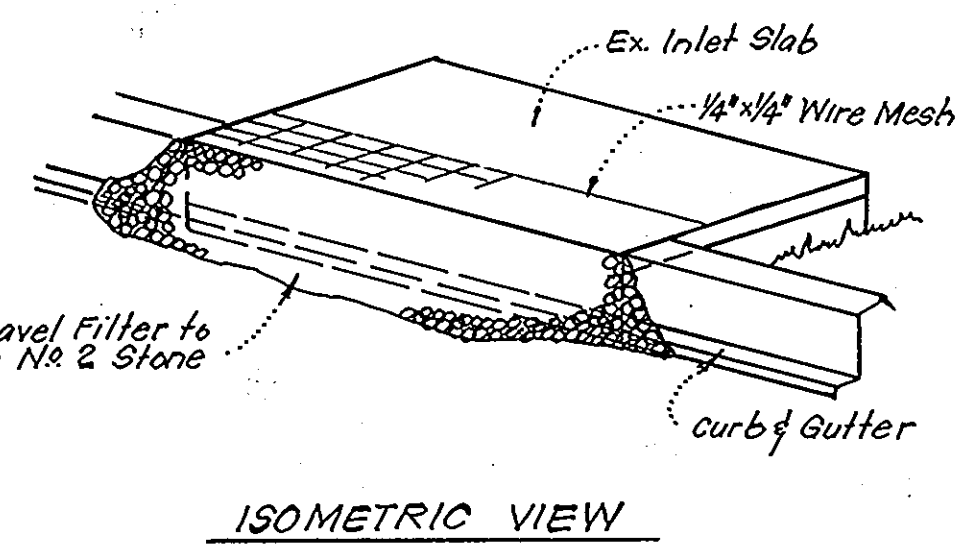


TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale

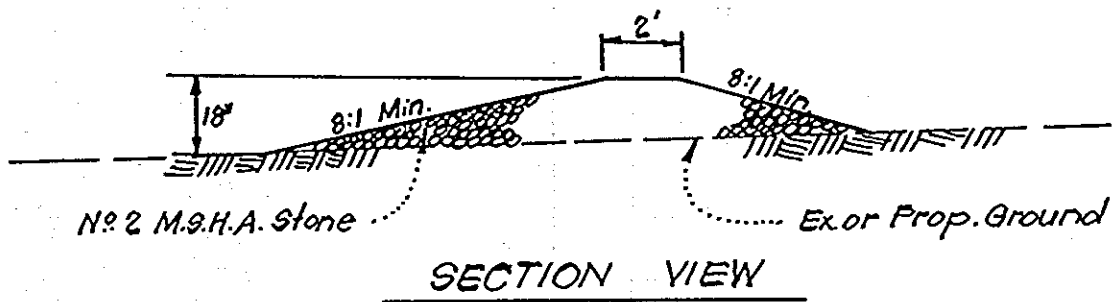


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

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

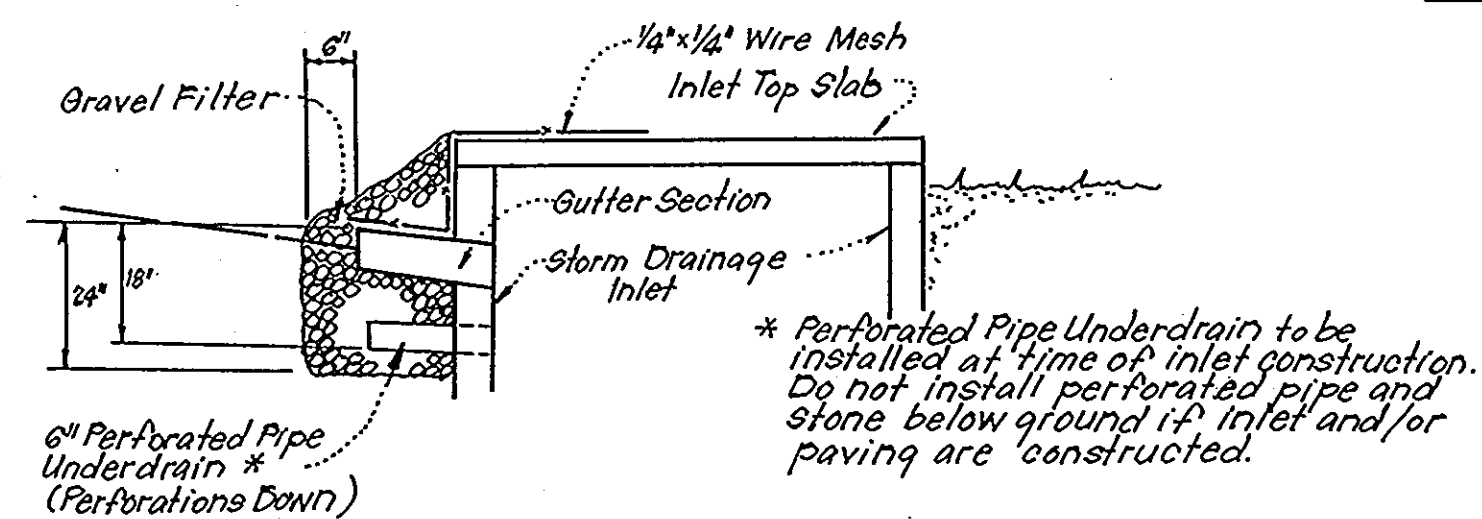


ISOMETRIC VIEW



SECTION VIEW

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



SECTION VIEW

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

Reviewed for: HOWARD S.C.D.
and meets Technical Requirements
Winters Bunkle 7/24/79
Signature Date
U.S. Soil Conservation Service

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

Robert Zichow 7/23/79
Approved Date

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.

Fred Pritt 5-22-79
Signature Date
Fred Pritt

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.

e. Nelson Clark 5-22-79
Signature Date
e. Nelson Clark



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 6-19-79
JMM

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400	
DESIGNED <u>R.J.S.</u>	SCALE As Shown
DRAWN <u>K.I.W.</u>	DRAWING 3 of 3
CHECKED <u>R.J.S.</u>	JOB NO.
DATE May 1979	FILE NO. 79-0199E

SEDIMENT & EROSION CONTROL PLAN
LOTS 251 THRU 261
COLUMBIA
VILLAGE OF KINGS CONTRIVANCE
SECTION 3 AREA 1
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: FRED PRITT CORPORATION
513 Benfield Rd.
Severna Park, Md. 21146
SDP-79-153c

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James Brown 8-9-79
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John W. ... 8-10-79
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Neuman 8-8-79
DIRECTOR DATE

W.D. ... 8-7-79
CHIEF BUREAU OF ENGINEERING DATE