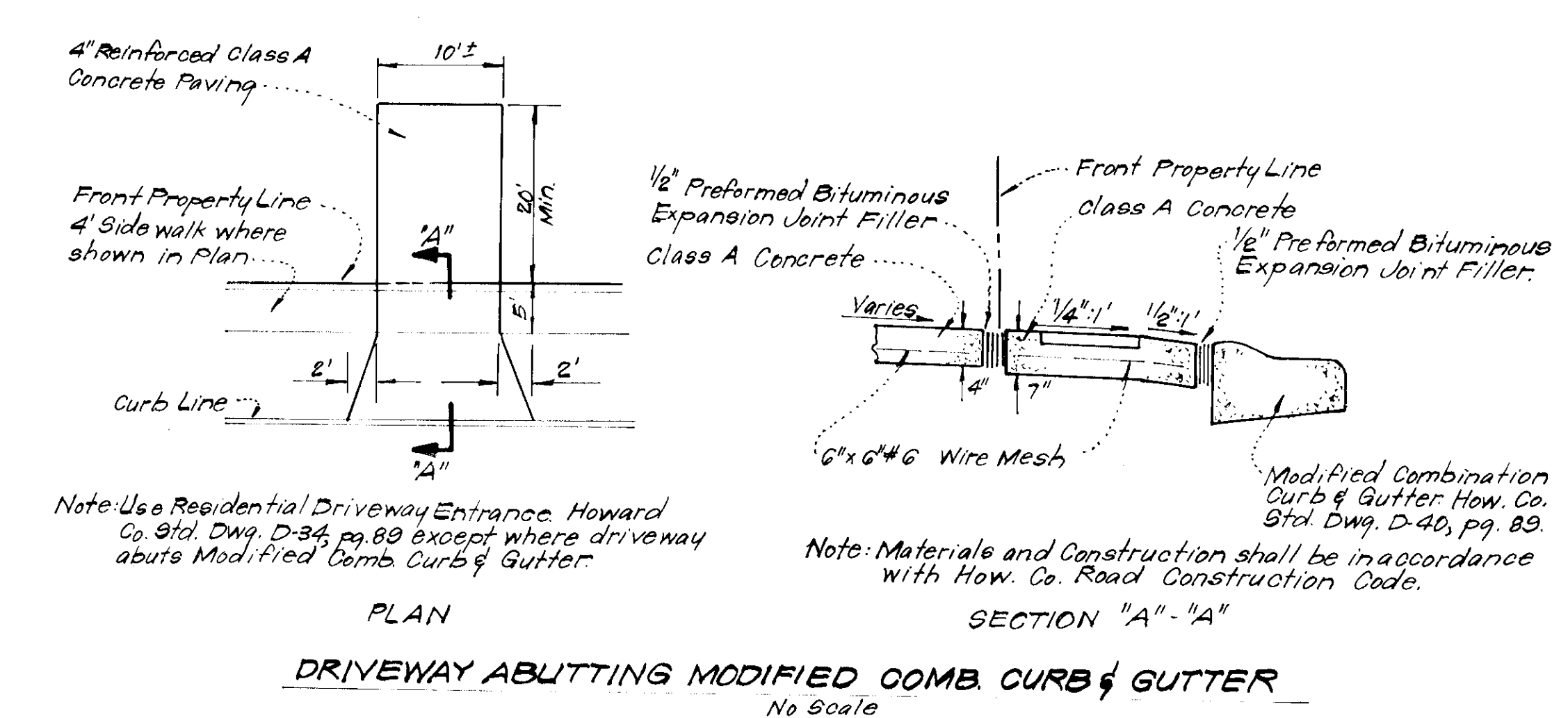


- GENERAL NOTES:**
- The Land included in this plan is zoned Newtown (S.F.M.D.)
 - The Lots shown on this plan are covered by Final Development Plan Phase 162A, Part I recorded in Plate 3054A 162 thru 3054A 176
 - All coordinates are based on traverse controls for Columbia established by Maps, Inc., in 1965 by Federal & USache 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 in this plan is 1.824 Acres.
 - All roadways are public & existing.
 - Any damage to county owned rights of way or paving shall be corrected at the developers expense.

- LEGEND:**
- Contour Interval 2 FT.
 - Existing Contour 3.50
 - Proposed Contour 3.50
 - Spot Elevation +5.00
 - Direction of Drainage
 - Exist. Trees to be Retained



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER *M.D. PW* DATE 4-4-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR *William M. ...* DATE 4-4-79
CHIEF DIVISION OF LAND DEVELOPMENT

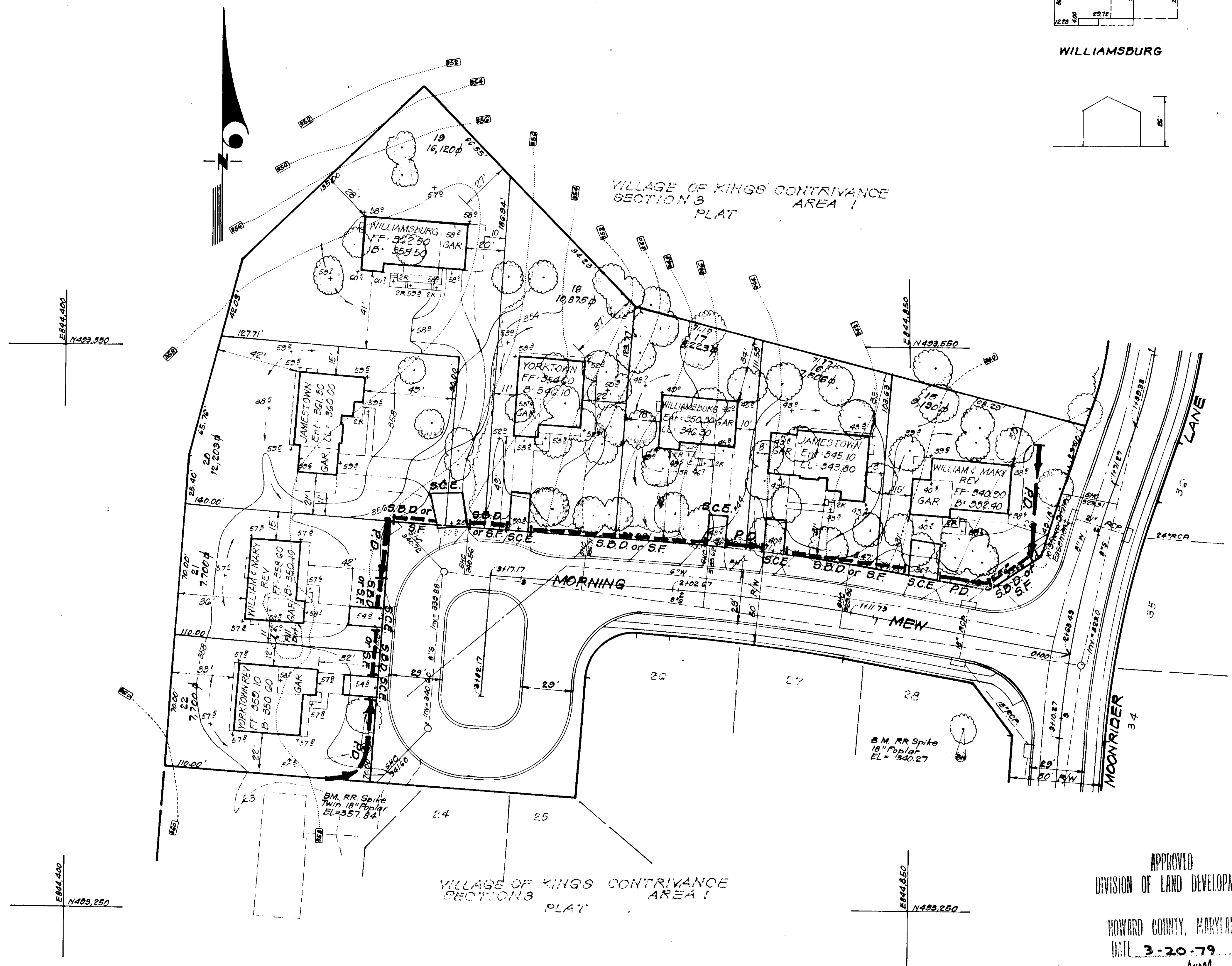
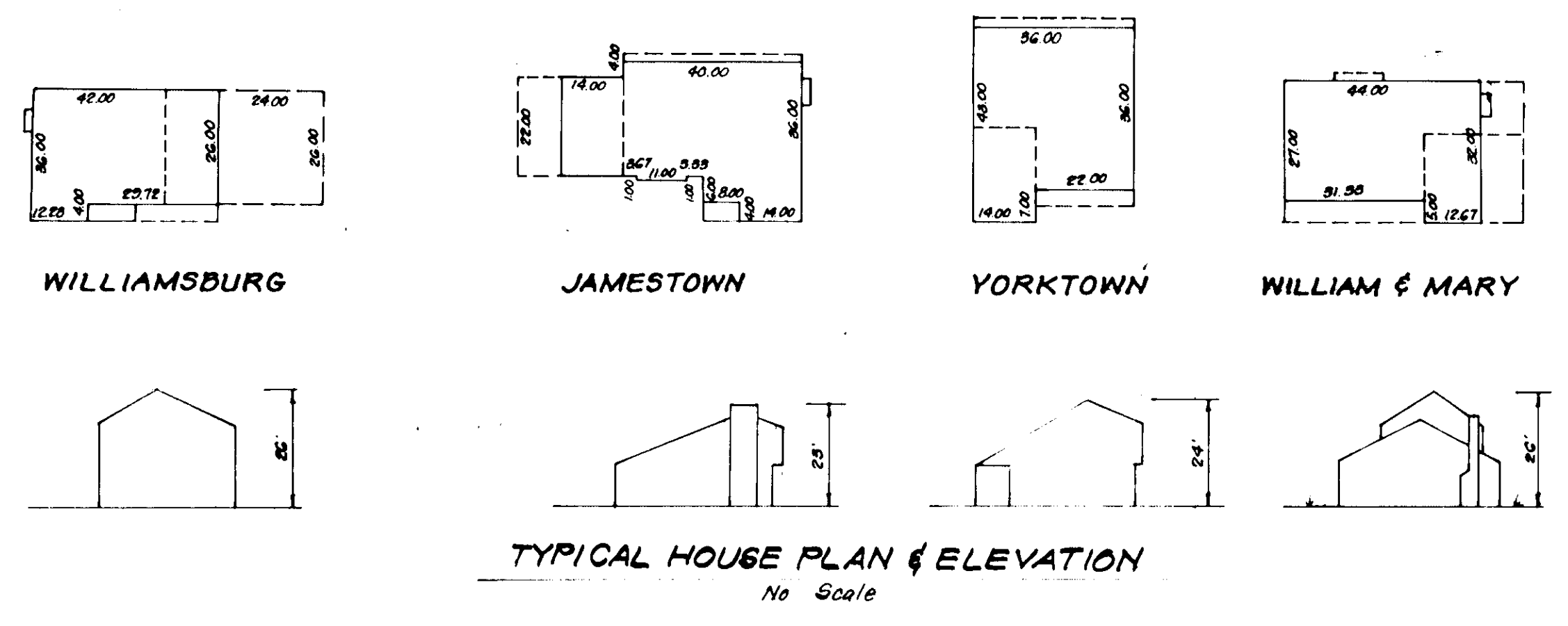
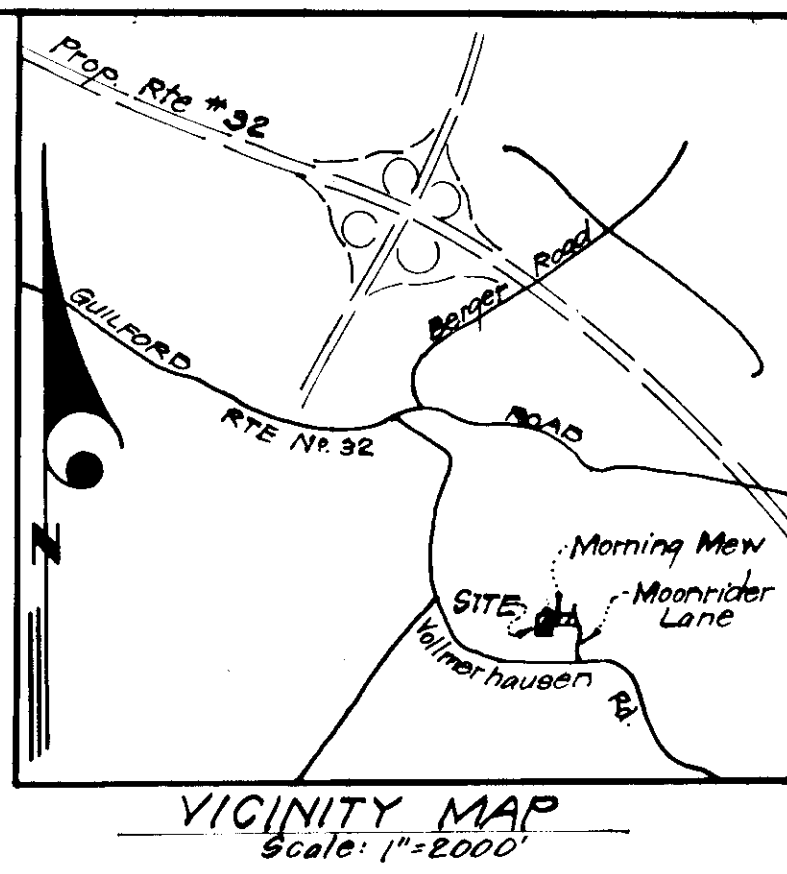
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR *Wm. F. ...* DATE 4-3-79

CHIEF BUREAU OF ENGINEERING DATE 4-3-79

APPROVED
DIVISION OF LAND DEVELOPMENT
MAY 3-20-79
amm

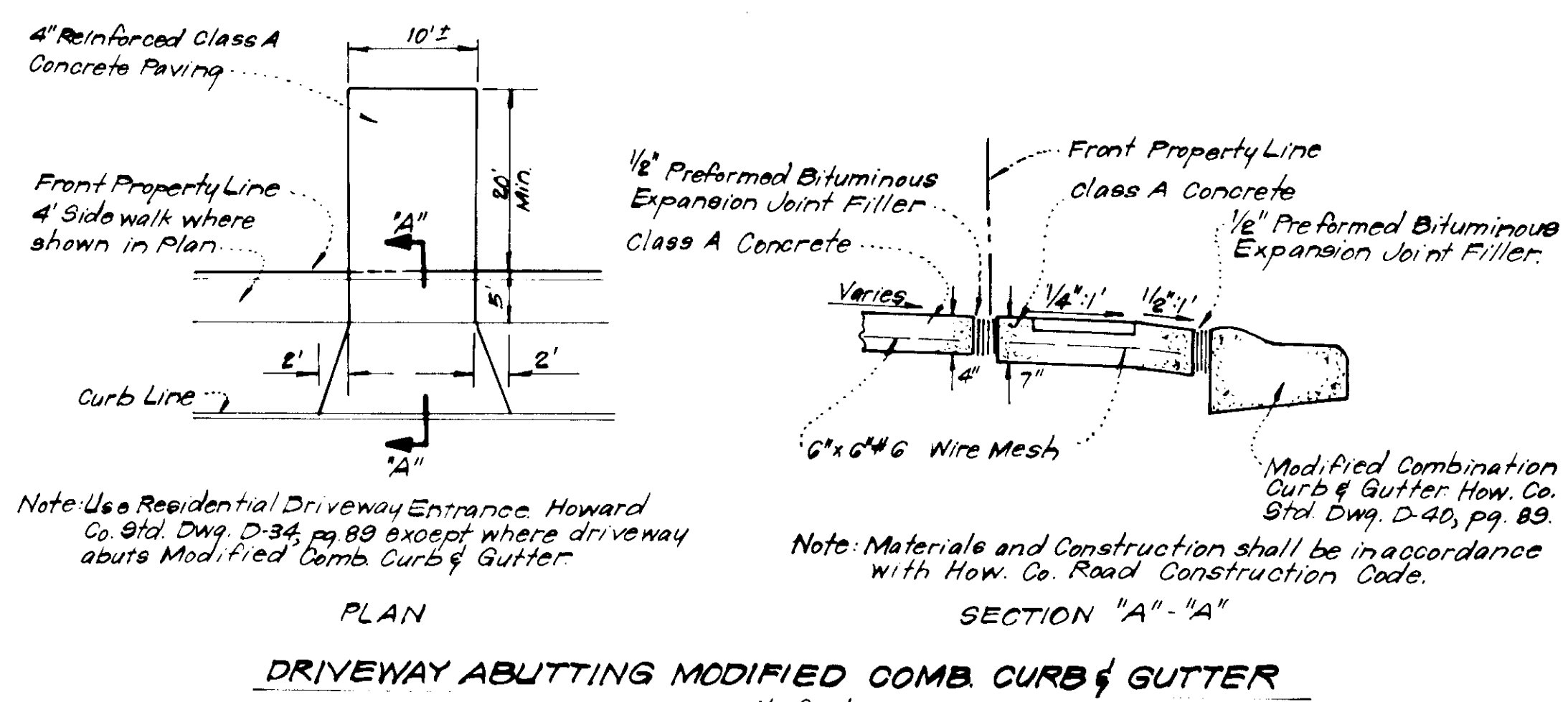


CLARK F. SACKETT ENGINEERS • PLANNERS & SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 15 THRU 22 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: I. RED PRITT CORPORATION 513 DenField Road Sevens Park, Md. 21146	SCALE 1"=30'
DRAWN K.T.W. J.M.E.		DRAWING 1023
CHECKED J.M.E.		JOB NO. 79-010
DATE Feb. 1979		FILE NO. 79-010-X



- GENERAL NOTES:**
- The Land included in this plan is zoned Newtown (S.F.M.D.)
 - The Lots shown on this plan are covered by Final Development Plan Phase 16B A, Part I, recorded in Plot 3054A, 102 thru 3054A, 170.
 - All coordinates are based on traverse controls for Columbia established by Maps, Inc., in 1965 by Purdom & Ueschke 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 in this plan is 1.824 Acres.
 - All roadways are public & existing.
 - Any damage to county owned rights of way or paving shall be corrected at the developers expense.

- LEGEND:**
- Contour Interval 2.0'
 - Existing Contour ---
 - Proposed Contour - - -
 - Spot Elevation +50'
 - Direction of Drainage →
 - Exist Trees to be Retained (Symbol)
 - Perimeter Dike → P.D.
 - Straw Bale Dike or Silt Fence (Symbol) S.D.D. or S.F.
 - Stone Construction Entrance (Symbol) S.C.E.



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 3-20-79
CAUM

Reviewed for _____ S.C.D.
Name _____
and meets Technical Requirements
Signature _____ Date 3-26-79
U.S. Soil Conservation Service

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 agent as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

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.

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

Robert K. Zerkow 3/26/79
Approved Date

Fred Pritt 2-22-79
Signature Date
FRED PRITT

G. Nelson Clark 2-22-79
Signature Date
G. Nelson Clark

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
County Health Officer _____ DATE 4-4-79

APPROVED FOR PLANNING & ZONING
PLANNING DIRECTOR _____ DATE 4-4-79
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR _____ DATE 4-3-79
CHIEF BUREAU OF ENGINEERING _____ DATE 4-3-79

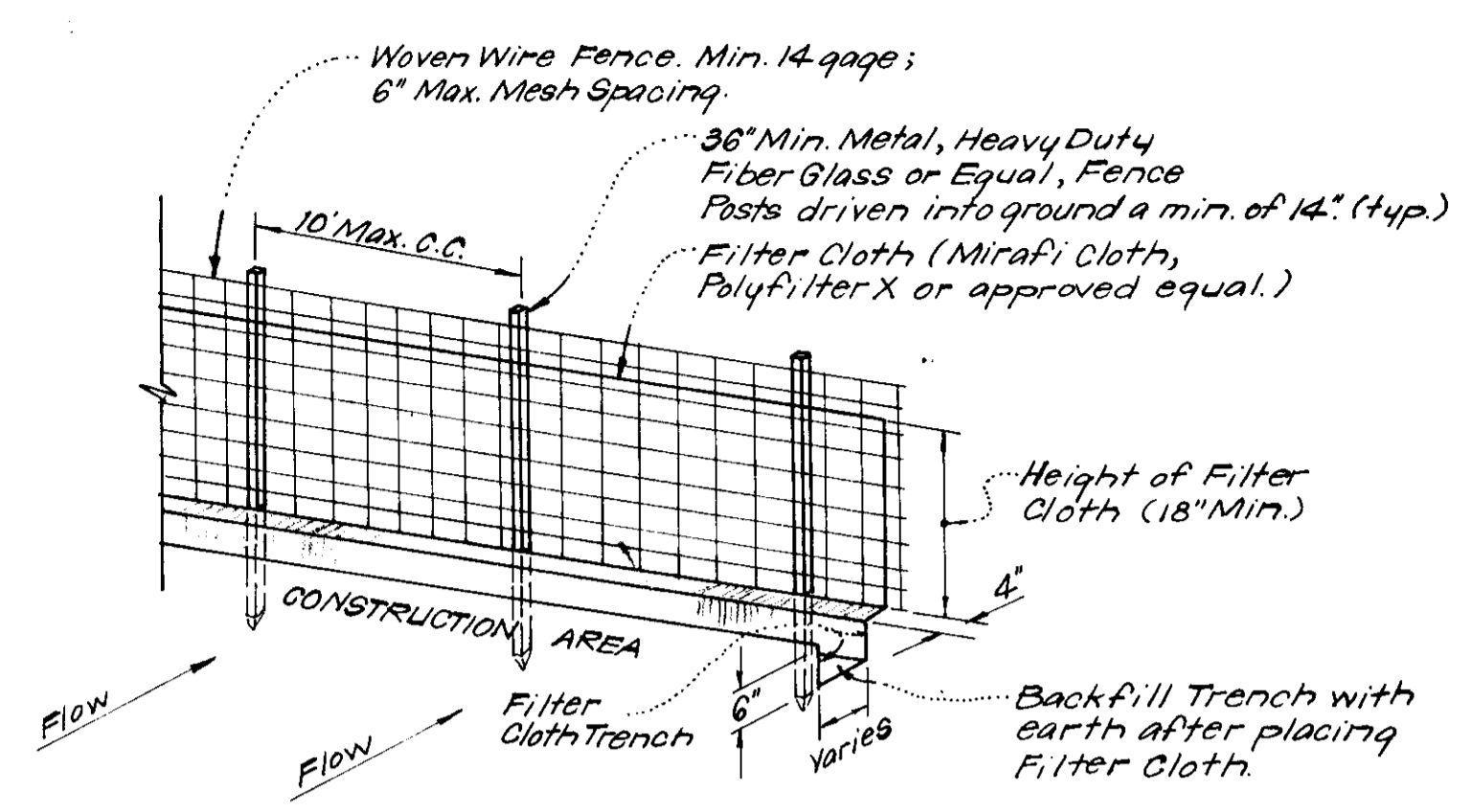


For Bearing & Distances for Individual Lots See Plat 4231

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 15 THRU 22 SCALE 1"=30' DRAWN K.I.W. J.M.E. CHECKED J.L.S. DATE Feb, 1979	JOB NO. 79-019 FILE NO. 79-019 SE
COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: FRED PRITT CORPORATIONS 513 Danfield Road Savona Park, Md. 21146 SDP-79-103c See Also HC 405		

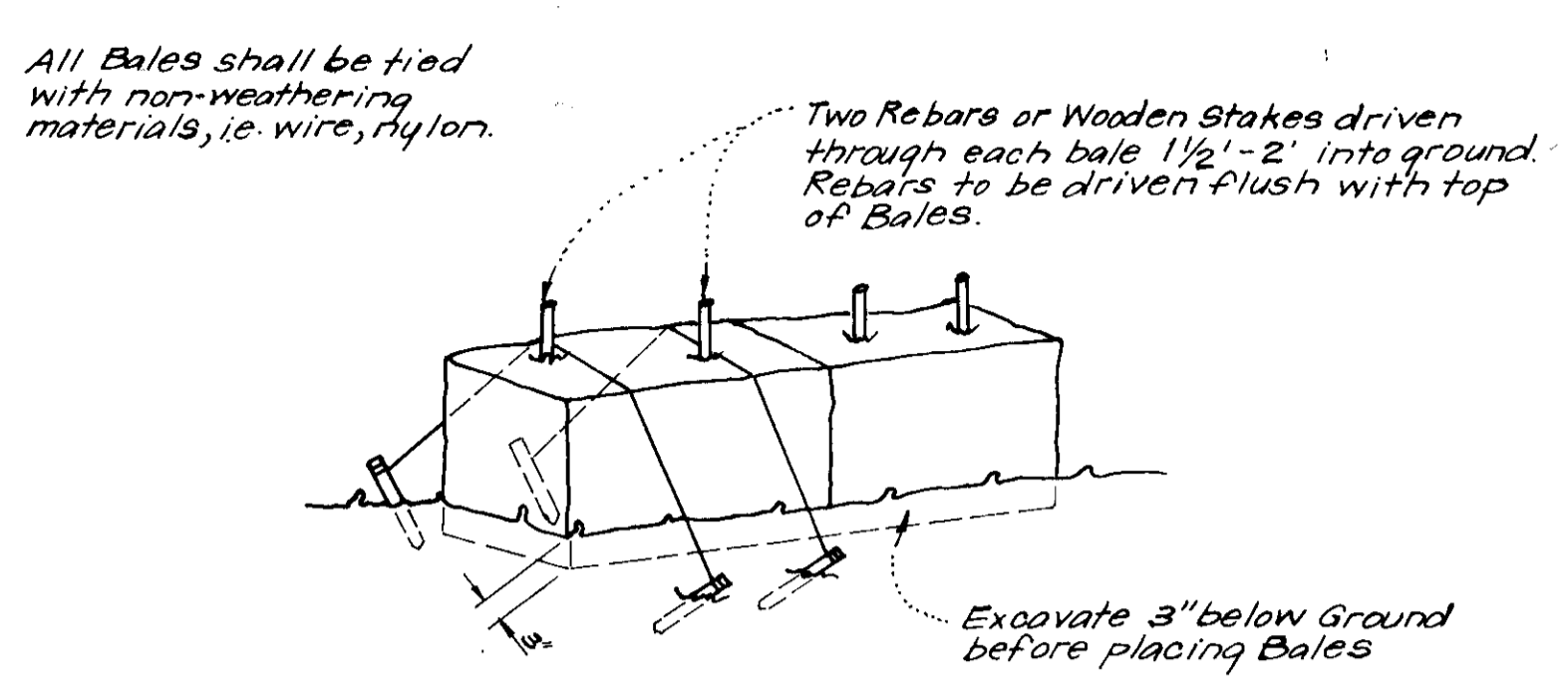
GENERAL NOTES

- 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 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 s.f. mixture - 40% Kentucky Blue, 20% Chewing 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 s.f.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 s.f. 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 placed at all construction entrances.
- SITE ANALYSIS:**
 - Total Area = 1.824 Ac.
 - Area to be Roofed = 0.503 Ac.
 - Area to be Paved = 0.151 Ac.
 - Area to be Seeded = 0.286 Ac.
 - Area Undisturbed = 0.364 Ac.
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Sidewalks.
 - Final Grade and stabilize in accordance with Note # 6.
- 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 = 270 L.F.



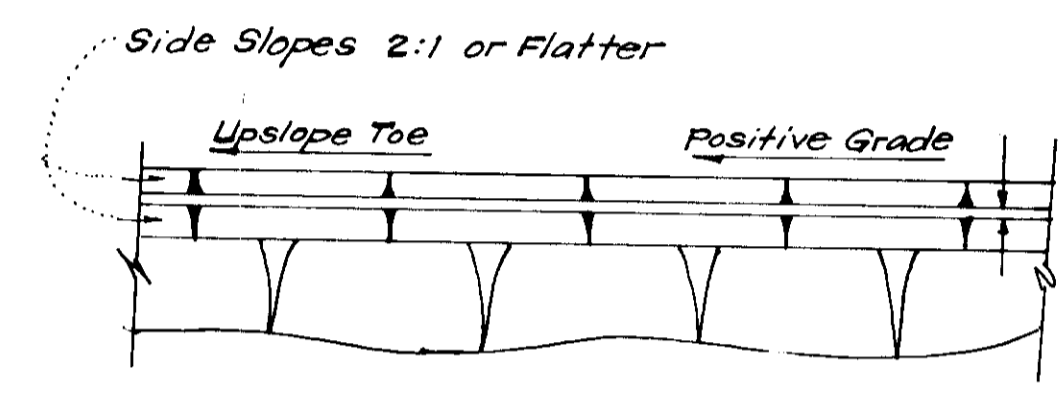
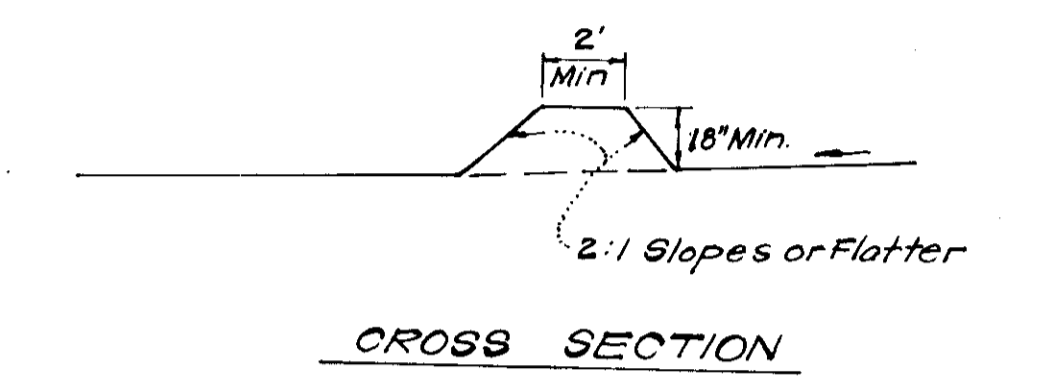
SILT FENCE DETAIL (S.F.)
No Scale

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 fence by use of wire ties spaced every 24" x 24".

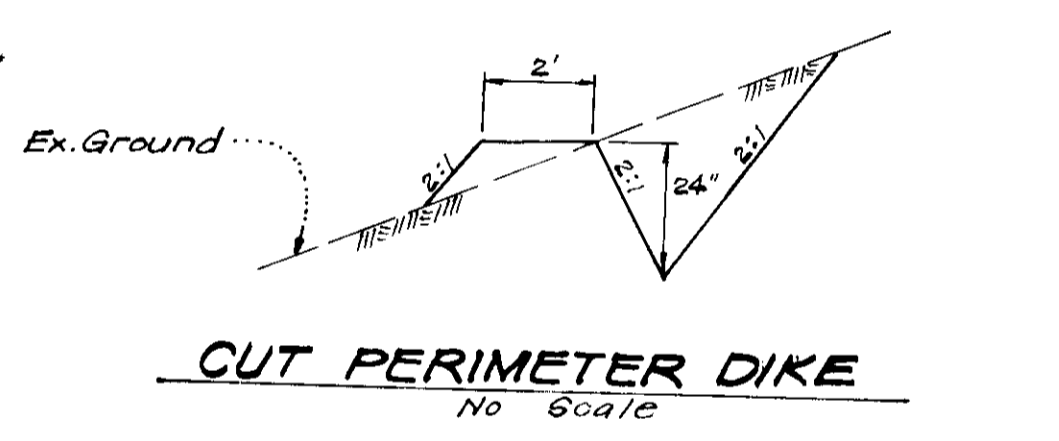


TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale

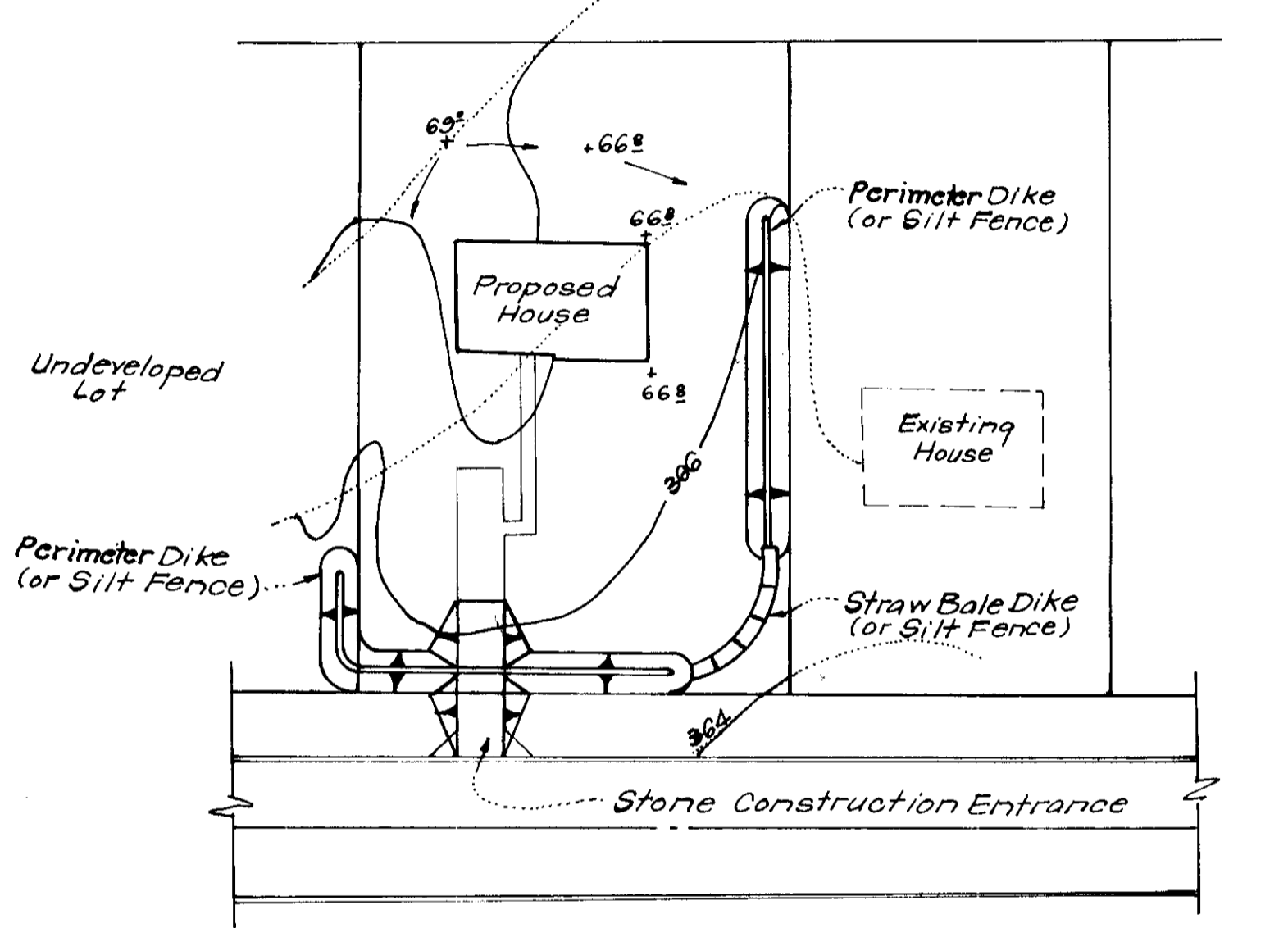
NOTE:
1. In lieu of the use of rebars each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).



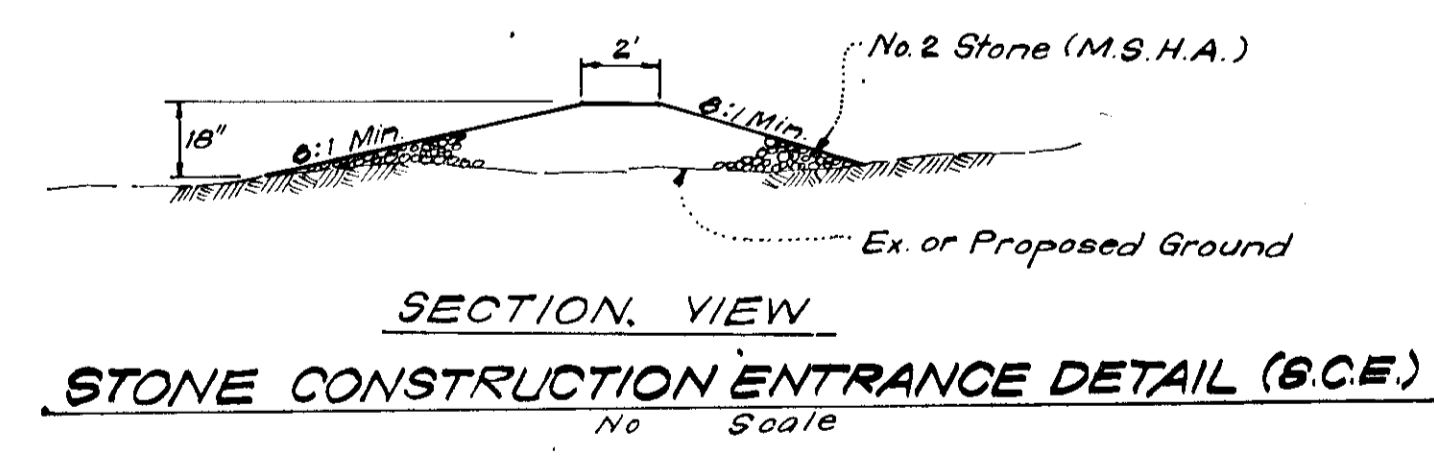
PERIMETER DIKE (P.D.)
No Scale



CUT PERIMETER DIKE
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



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

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COURTNEY A. BROWN, M.D. or P.R.S. DATE 4-27-79
COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE 4-1-79
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 4-3-79
CHIEF BUREAU OF ENGINEERING DATE 4-3-79

Reviewed for... S.C.D.
Name
and meets Technical Requirements
Signature Date 3-26-79
U.S. Soil Conservation Service

HIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION 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 this plan of development
and plan for Erosion and Sediment Control, and I do
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 Date 3-22-79
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 Conserva-
tion District

Signature Date 3-22-79
G. Nelson Clark

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 3-20-79
J.M.M.



For: Bearing & Distances for Individual Lots See Plat 4231

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400	
DESIGNED J.L.S.	SCALE As Shown
DRAWN J.M.E.	DRAWING 3 of 3
CHECKED J.L.S.	JOB NO. 79-019
DATE Feb, 1979	FILE NO. 79-019 SE
SEDIMENT & EROSION CONTROL PLAN LOTS 15 THRU 22 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: FRED PRITT CORPORATIONS 515 Benfield Road Severna Park, Md. 21146	