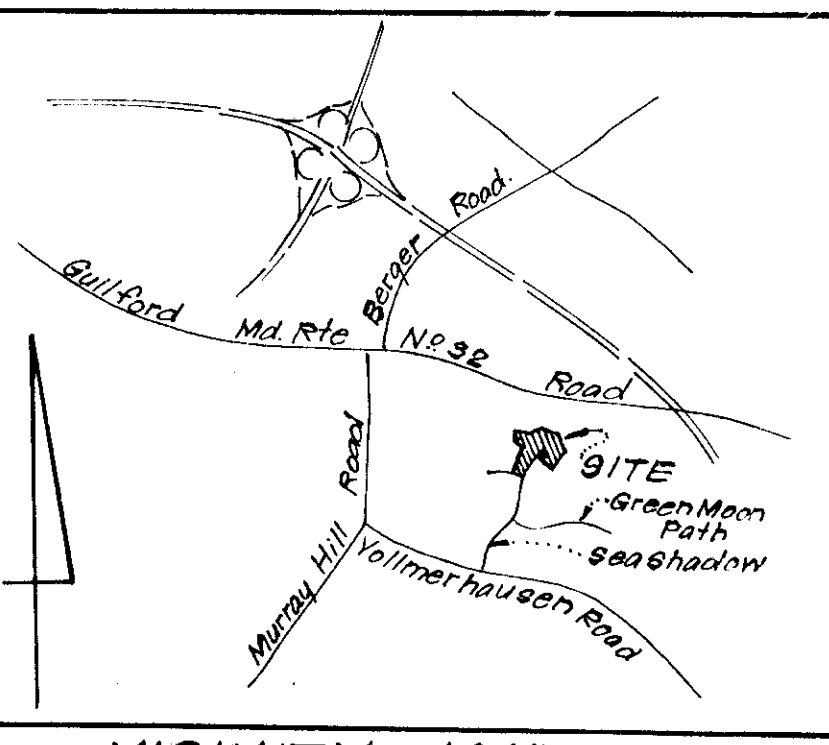


No.	REVISION	Date
1	Rev. House Types & grading lots 52, 53, 55, 58 & 59 & grading as per Architects Plan 4/20/79	7-3-79



VICINITY MAP
Scale: 1"=2000'

VILLAGE OF KINGS CONTRIVANCE
SECTION 3
AREA 1
PLAT #232

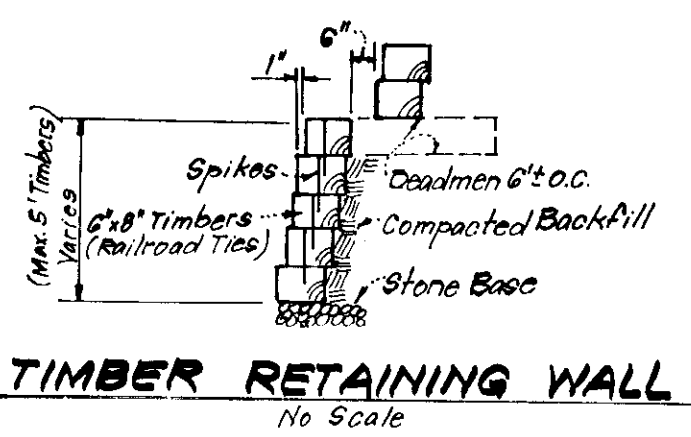


- GENERAL NOTES:**
- The Land included in this plan is zoned New Town (S.F.M.D).
 - The Lots shown on this plan are covered by Final Development Plan Phase 162A-Part I, Plat No. 3054-A, 162-176, Feb. 8, 1979.
 - All coordinates are based on traverse controls for Columbia established by Maps Inc., in 1968 by Purdum & Veschke 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 2.620 Acres.
 - All roadways are public's existing.
 - Any damage to county owned rights of way shall be corrected at the developer's expense.

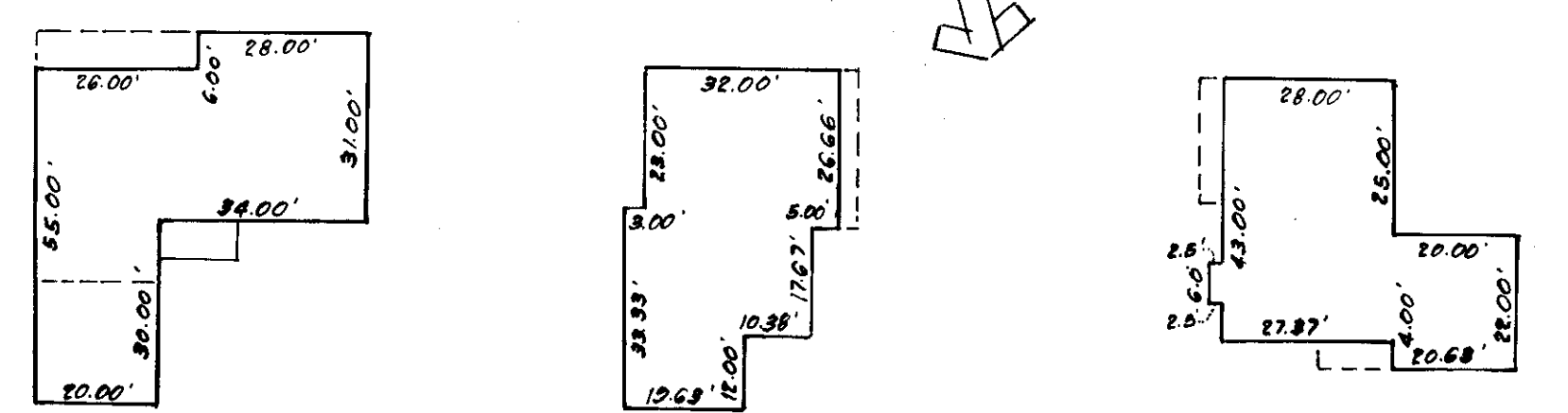
- LEGEND:**
- Contour Interval 2 FT.
 - Existing Contour (---) 100
 - Proposed Contour (---) 280
 - Spot Elevation (+) 805
 - Direction of Drainage (--->)
 - Exist. Trees to be retained (⊙)
 - Retaining Wall (---)
 - Walk-out-Basements (---)

GENERAL NOTES CONT'D:

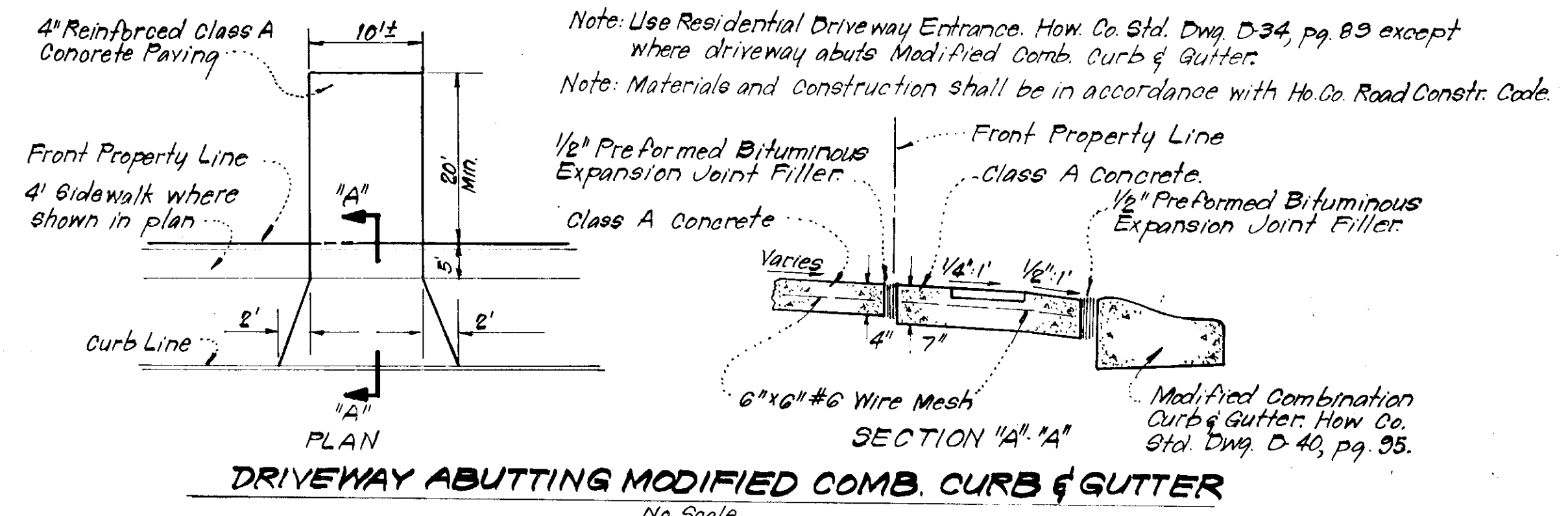
- No. of Lots in this Submission : 10



VILLAGE OF KINGS CONTRIVANCE
SECTION 3
AREA 1
PLATS 4232 & 4233



TYPICAL HOUSE TYPES & ELEVS.
No Scale



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 8-22-79
PLANNING DIRECTOR: [Signature]

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 8-23-79
PLANNING DIRECTOR: [Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 8-15-79
CHIEF BUREAU OF ENGINEERING: [Signature]

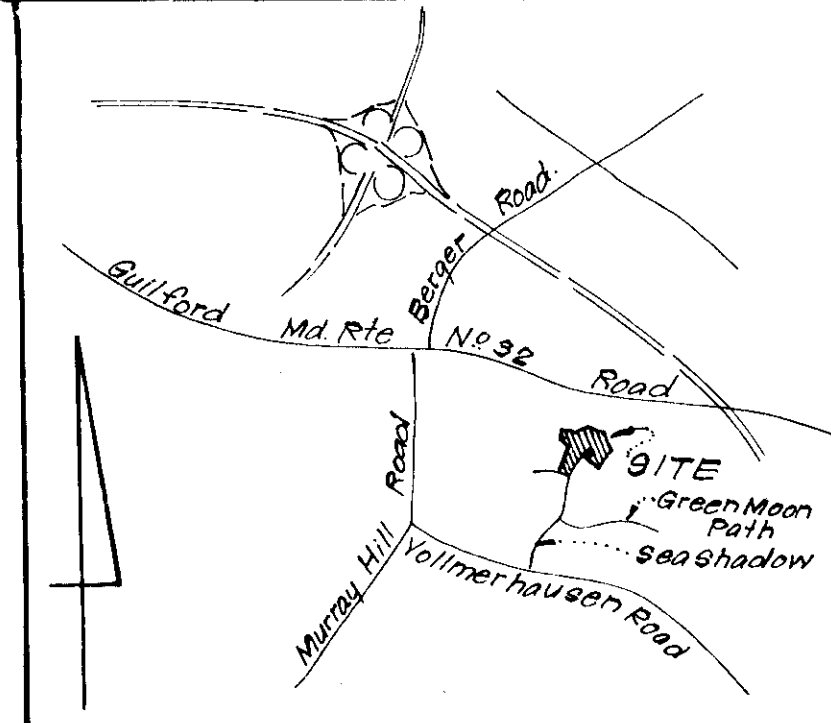
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 8-1-79
[Signature]

Note: For Bearings & Distances not shown, see Plats 4232 & 4233

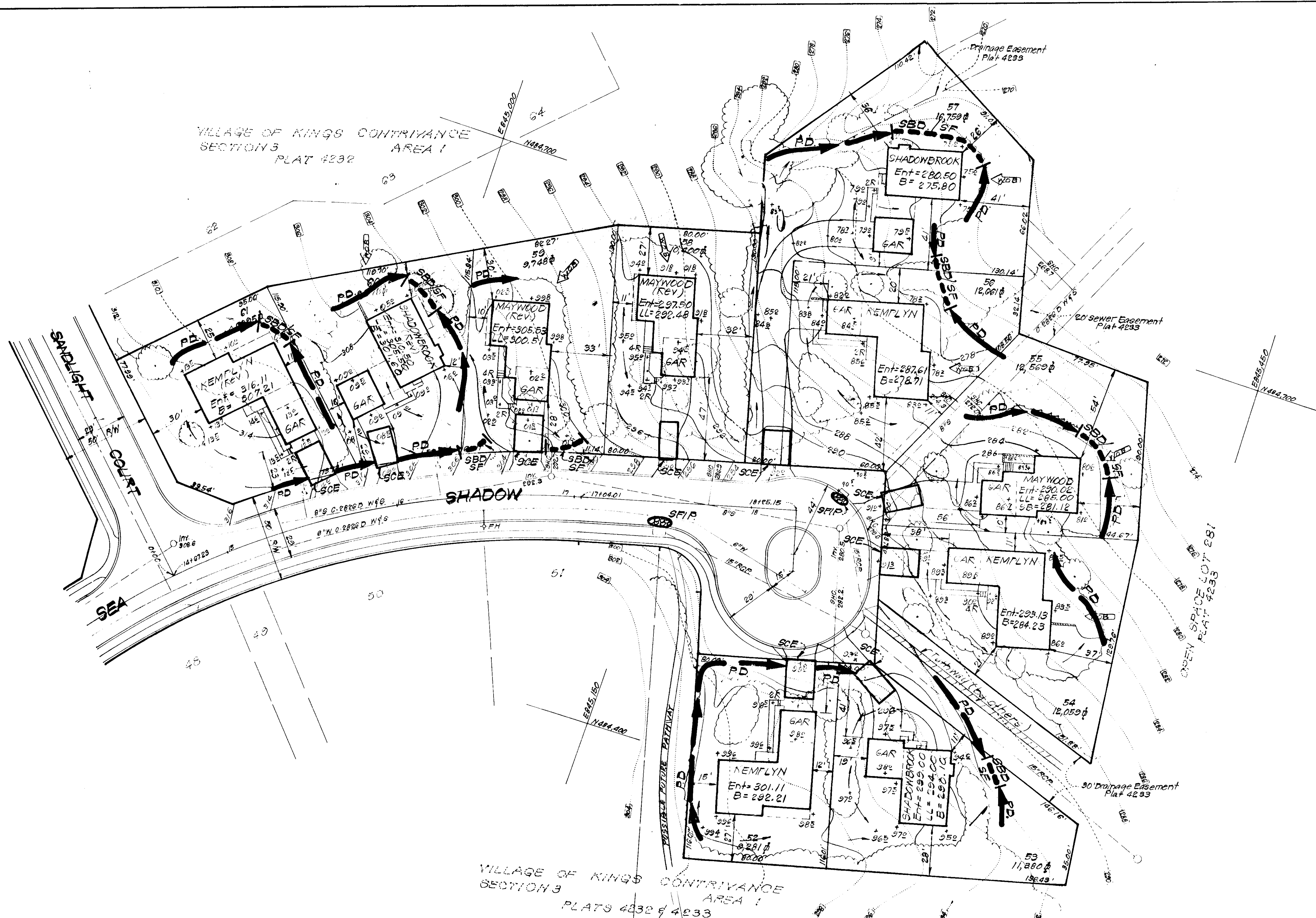
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED W.H.T.	SITE DEVELOPMENT PLAN LOTS 52 THRU 61 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CONTEMPORARY HOMES Suite 407 One Mall North 10025 Gov. Warfield Pkwy, Col. Md. 21044	SCALE 1"=30'
DRAWN K.W.M.		DRAWING 1043
CHECKED		JOB NO. 78-1175
DATE May, 1979		FILE NO. 78-1175-X

SDP-79-169c

VILLAGE OF KINGS CONTRIVANCE
SECTION 3
PLAT 4232
AREA 1



VICINITY MAP
Scale: 1"=5000'



- LEGEND:**
- 1. Contour Interval 2 FT.
 - 2. Existing Contour (dashed line)
 - 3. Proposed Contour (solid line)
 - 4. Spot Elevation + 805
 - 5. Direction of Drainage (arrow)
 - 6. Exist. Trees to be retained (circle with 'X')
 - 7. Retaining Wall (PD)
 - 8. Perimeter Dike (SBD/SF)
 - 9. Straw Bale Dike or Silt Fence (SBD/SF)
 - 10. Stone Filter Inlet Protection (SFI/P)
 - 11. Stone Construction Entrance (SCE)

VILLAGE OF KINGS CONTRIVANCE
SECTION 3
PLATS 4232 & 4233

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 8-1-79
LWM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
County Health Officer *[Signature]* 8-22-79
DATE
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
Director *[Signature]* 8-17-79
DATE
CHIEF BUREAU OF ENGINEERING DATE _____

Reviewed for *[Signature]* S.C.D.
Name
and meets Technical Requirements
[Signature] 8-10-79
Signature Date
U.S. Soil Conservation Service

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

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 will
arrange for periodic on-site inspection by the Howard
Soil Conservation District or their authorized agents
as are deemed necessary. Deviation from this site
plan will not be made unless authorized by the Howard
Soil Conservation District.

[Signature] 8-10-79
Approved Date

[Signature] 6/5/79
Signature Date
Christopher O. Stubbs

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] 6-7-79
Date
G. Nelson Clark



Note: For Bearings & Distances not shown, see Plats 4232 & 4233

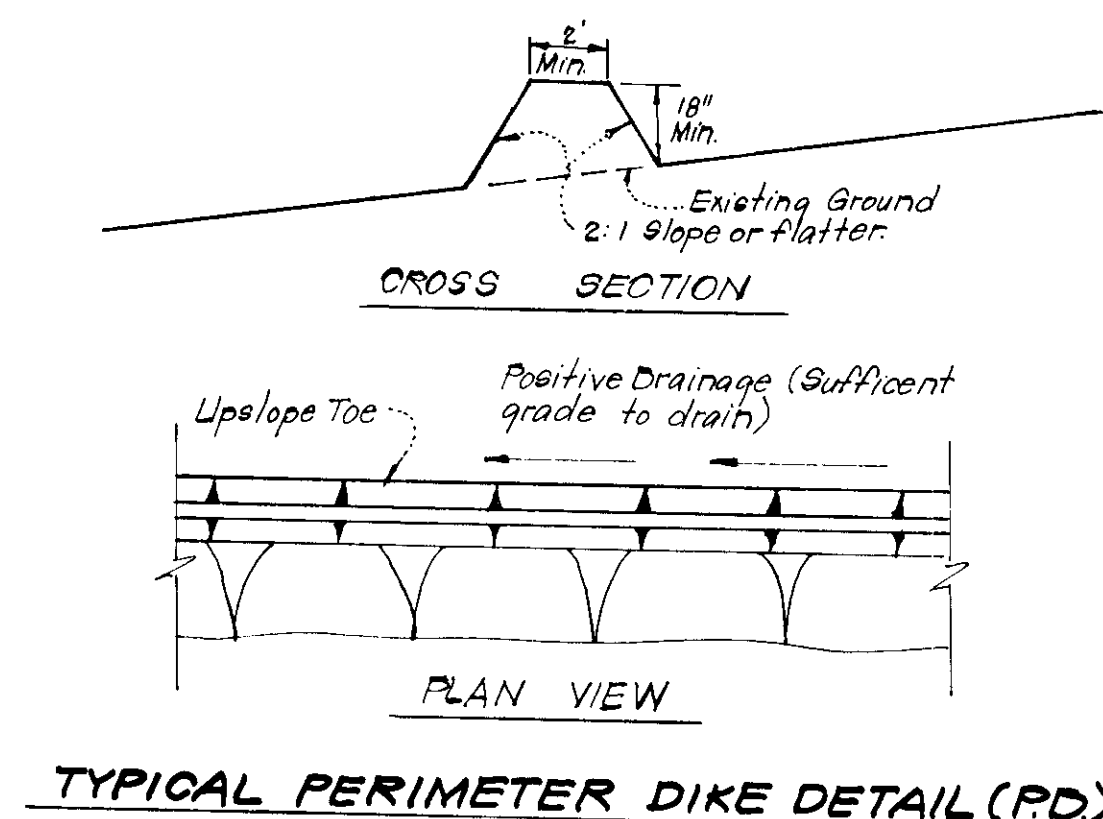
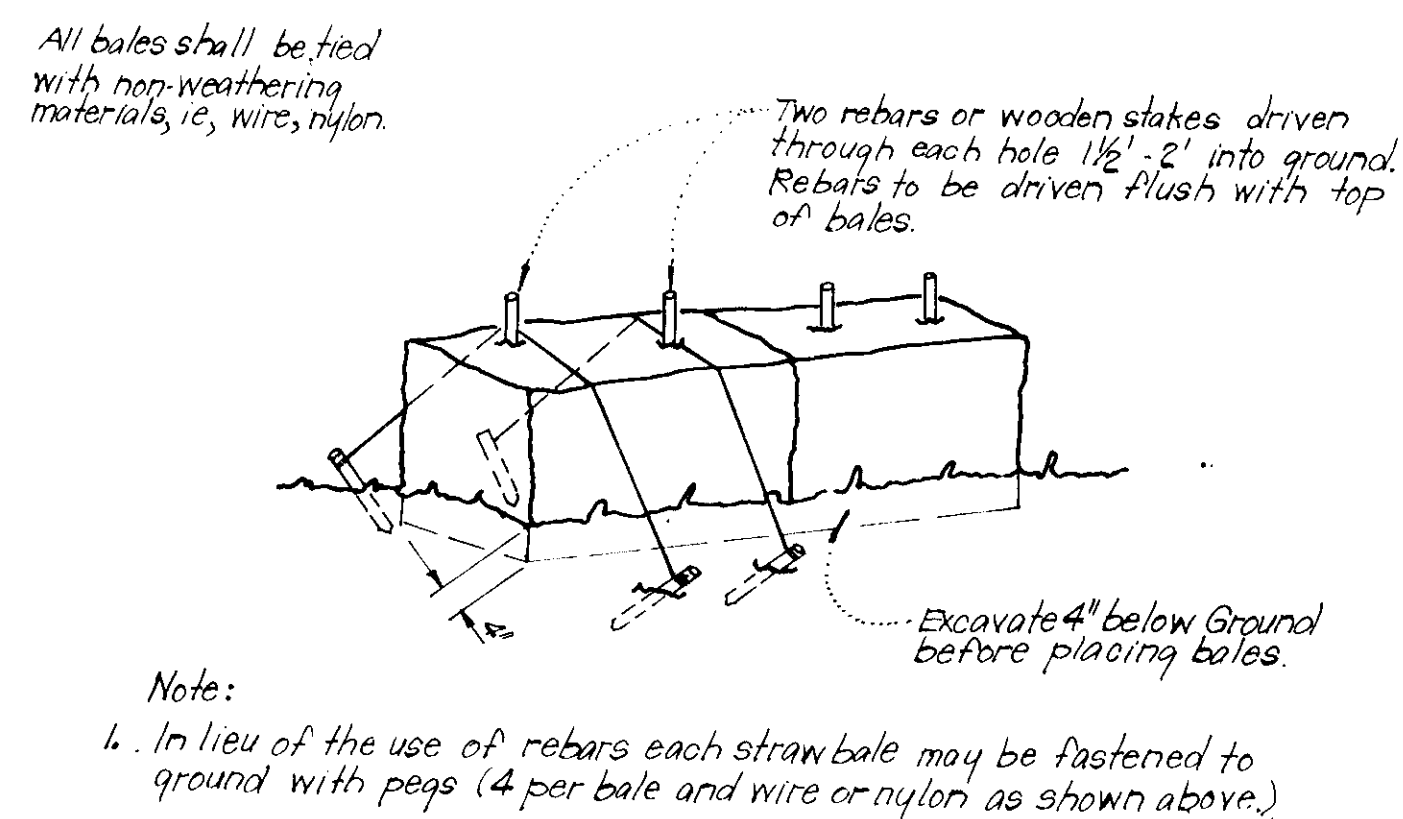
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		(301) 593 3400
DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 52 THRU 61 COLUMBIA	SCALE 1"=30'
DRAWN K.W.K.		DRAWING 2 of 3
CHECKED J.L.S.	VILLAGE OF KINGS CONTRIVANCE SECTION 3 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CONTEMPORARY HOMES Suite 407 One Mall North 10025 Gov. Warfield Pkwy, Col. Md. 21044	JOB NO. 78-1175
DATE June '79		FILE NO. 78-1175-2E

SDP-79-169c

GENERAL NOTES

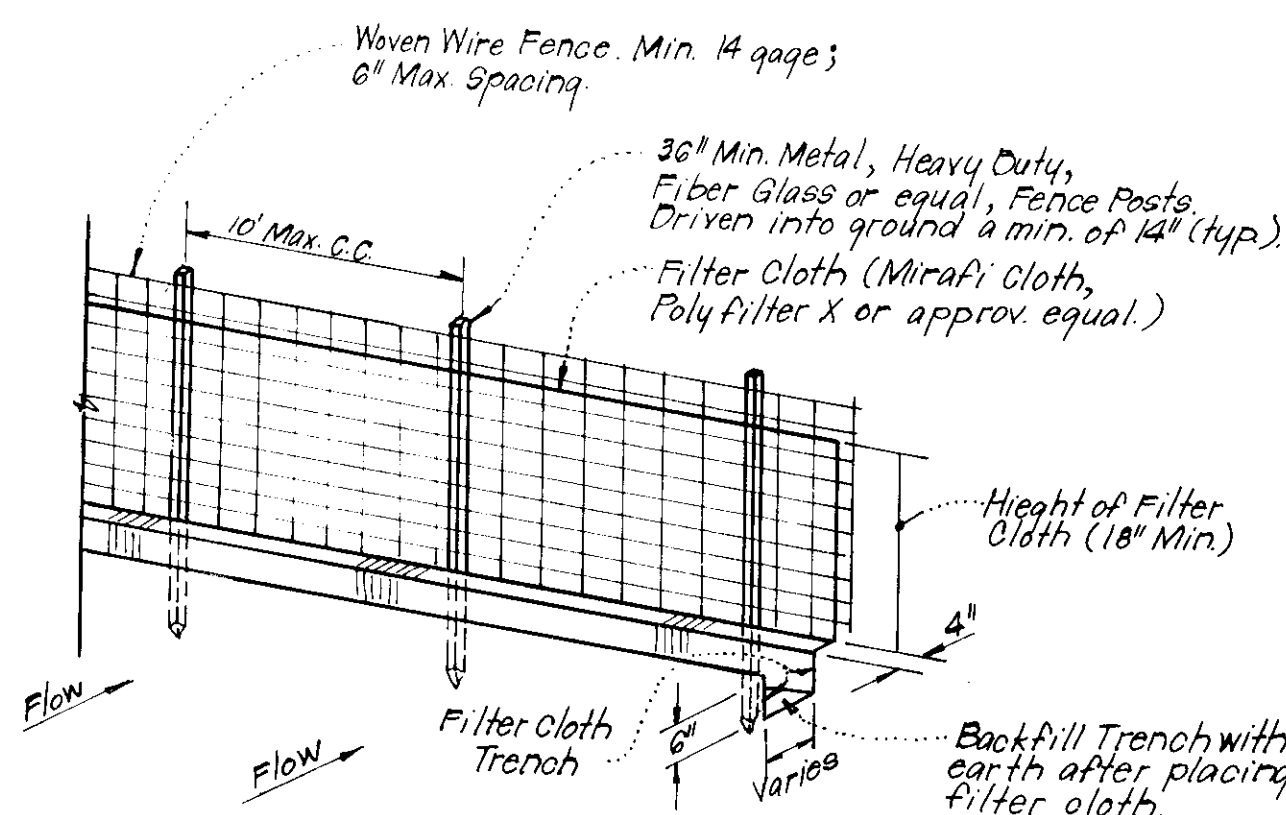
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 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 3 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 an approved method i.e.; asphalt locks, 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 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 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 = 245 LF
- SITE ANALYSIS:**

A. Total Area:	2.620	Acres
B. Area to be Roofed:	0.421	Acres
C. Area to be Paved:	0.130	Acres
D. Area to be Seeded:	1.215	Acres
E. Area Undisturbed:	0.785	Acres
- 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.
- 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.



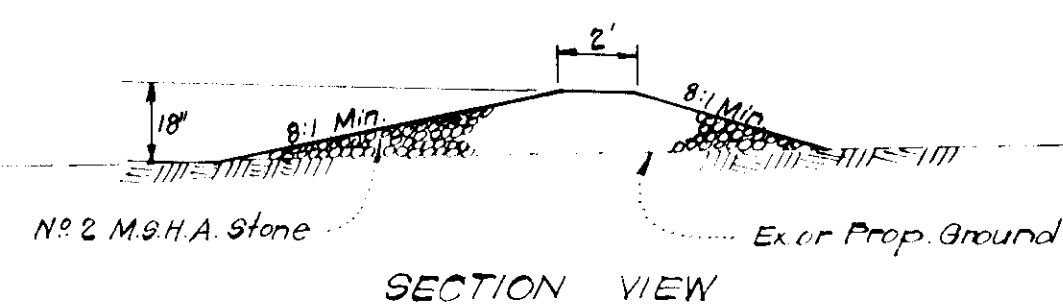
TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale

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

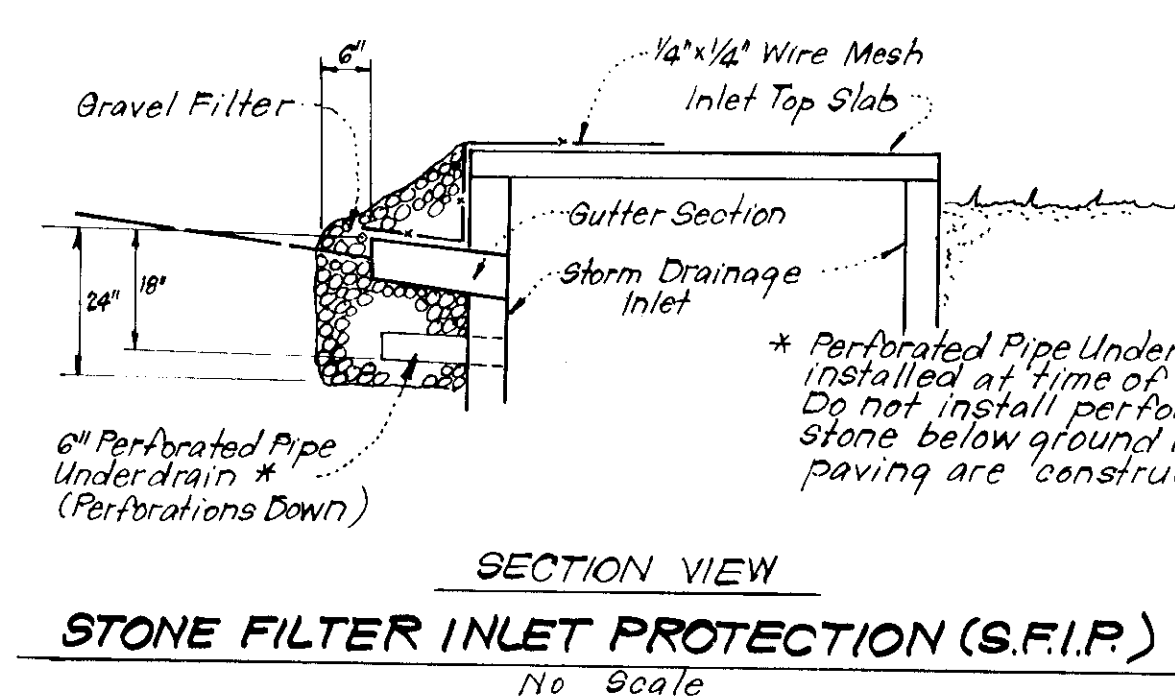
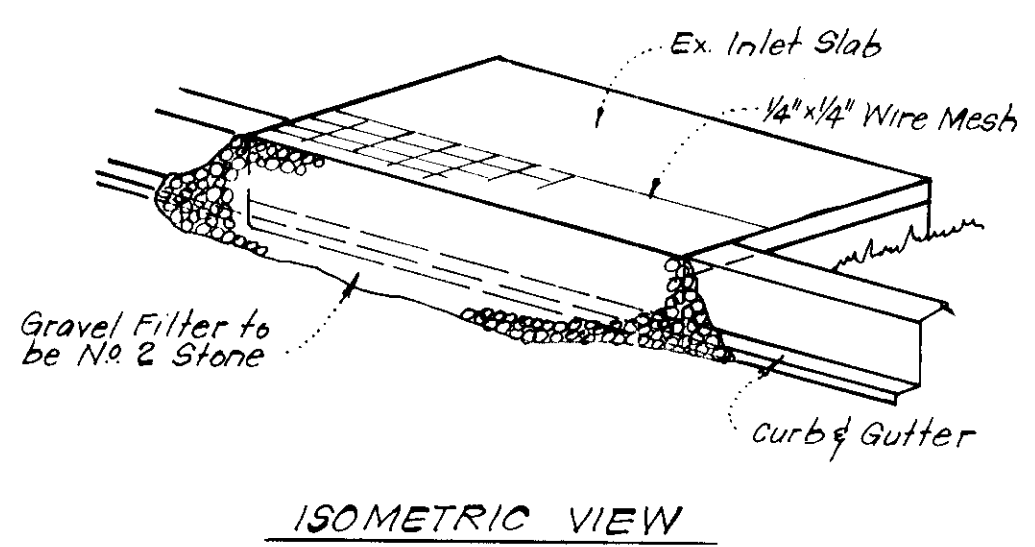


- Notes:**
- Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 - Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

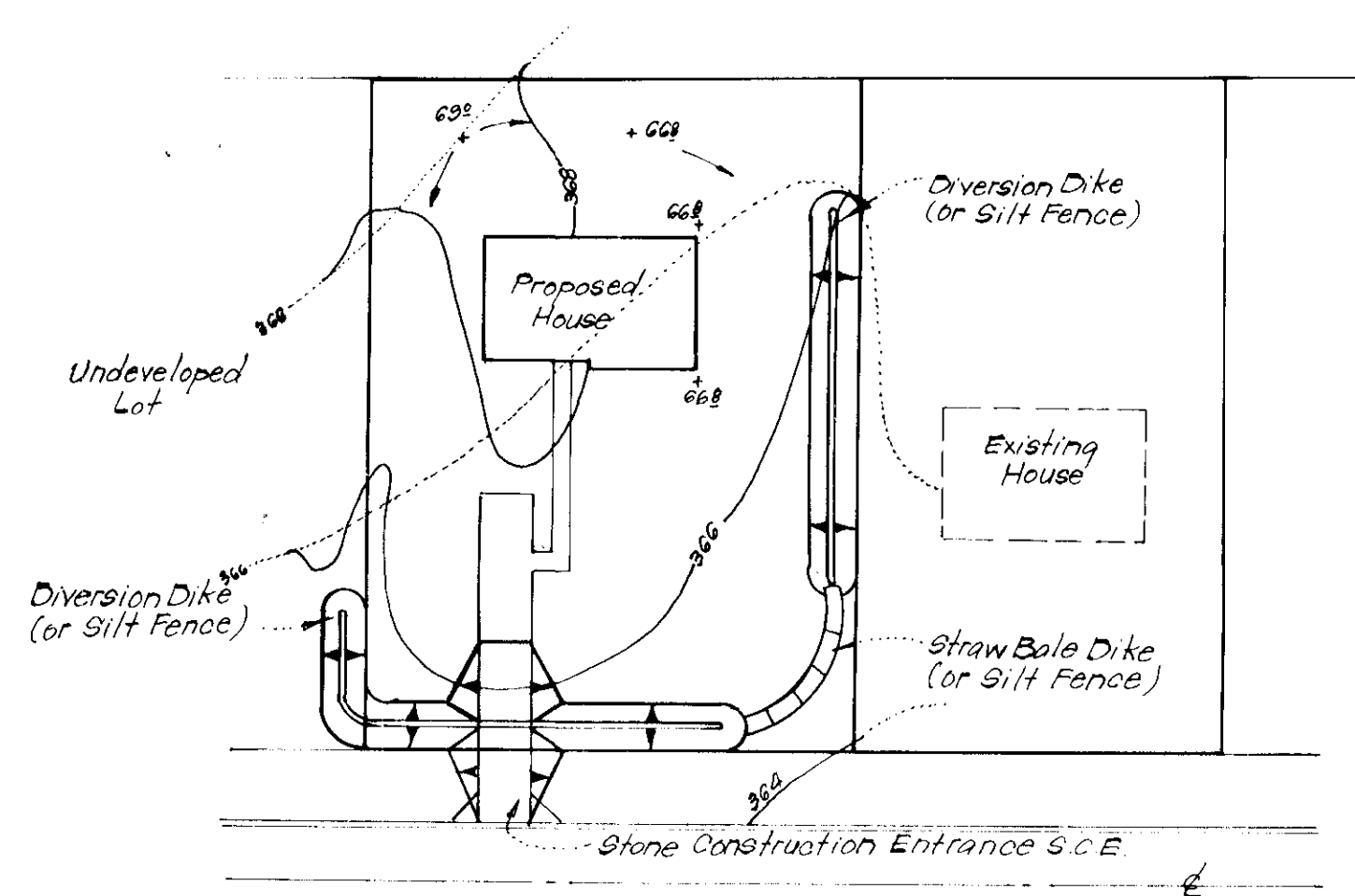
TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



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



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



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 8-1-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 8-22-79
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
DIRECTOR DATE: 8-17-79
CHIEF BUREAU OF ENGINEERING DATE

Reviewed for: Howard S.C.D.
Name and meets Technical Requirements
Wendell Smith 8-10-79
Date
U.S. Soil Conservation Service

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

Wm. F. Rame Approved 8-10-79 Date

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 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.

Christopher O. Stubbs 6/5/79 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 Conservation District.

G. Nelson Clark 6-7-79 Date



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 52 THRU 61 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CONTEMPO HOMES, Suite 407 One Mall North 10025 Gov. Warfield Pkwy. Col. Md. 21044	SCALE As Shown
DRAWN K.I.W.		3 of 3
CHECKED J.L.S.		JOB NO. 78-1175
DATE June, 1979		FILE NO. 78-1175-32

SDP-79-169