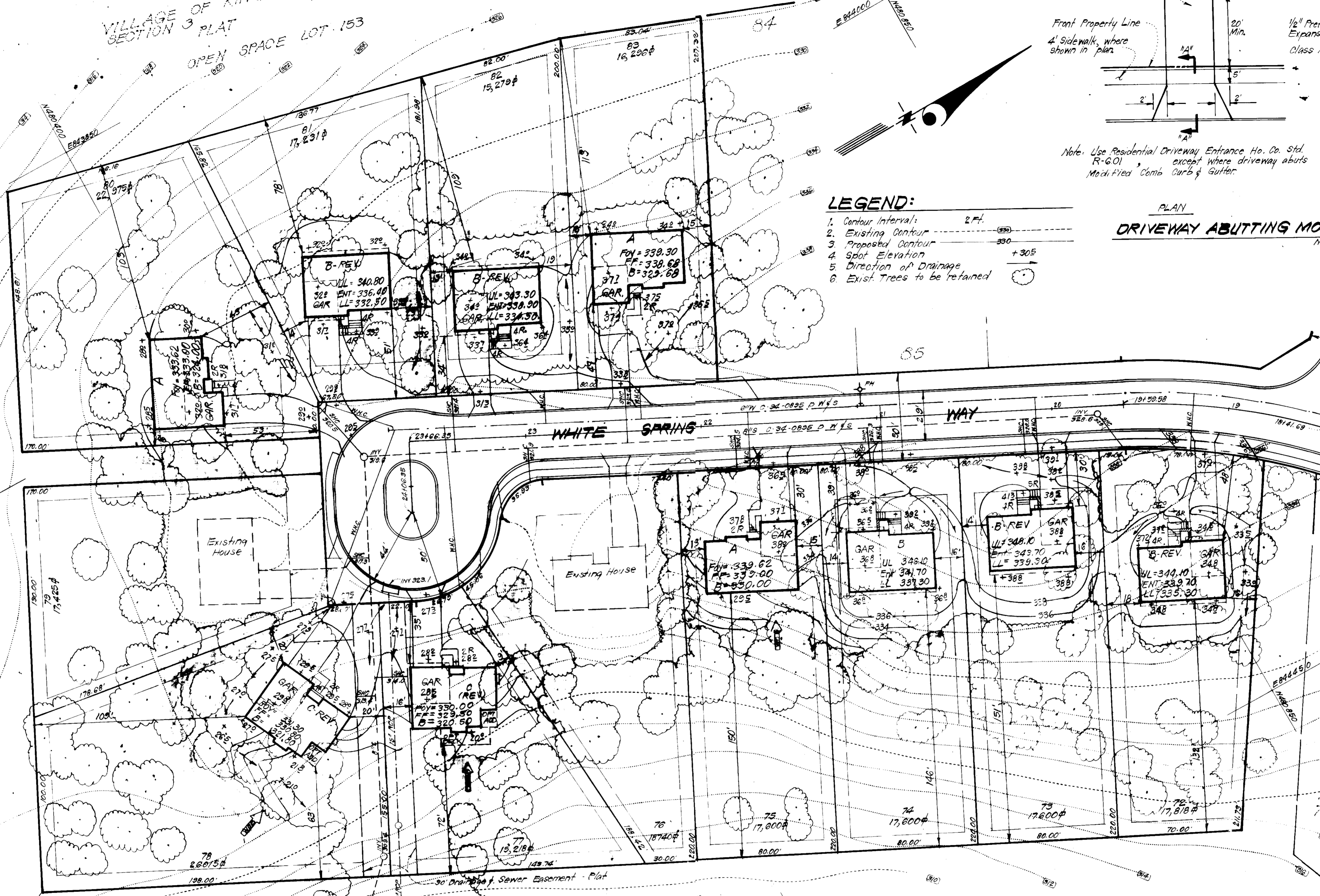


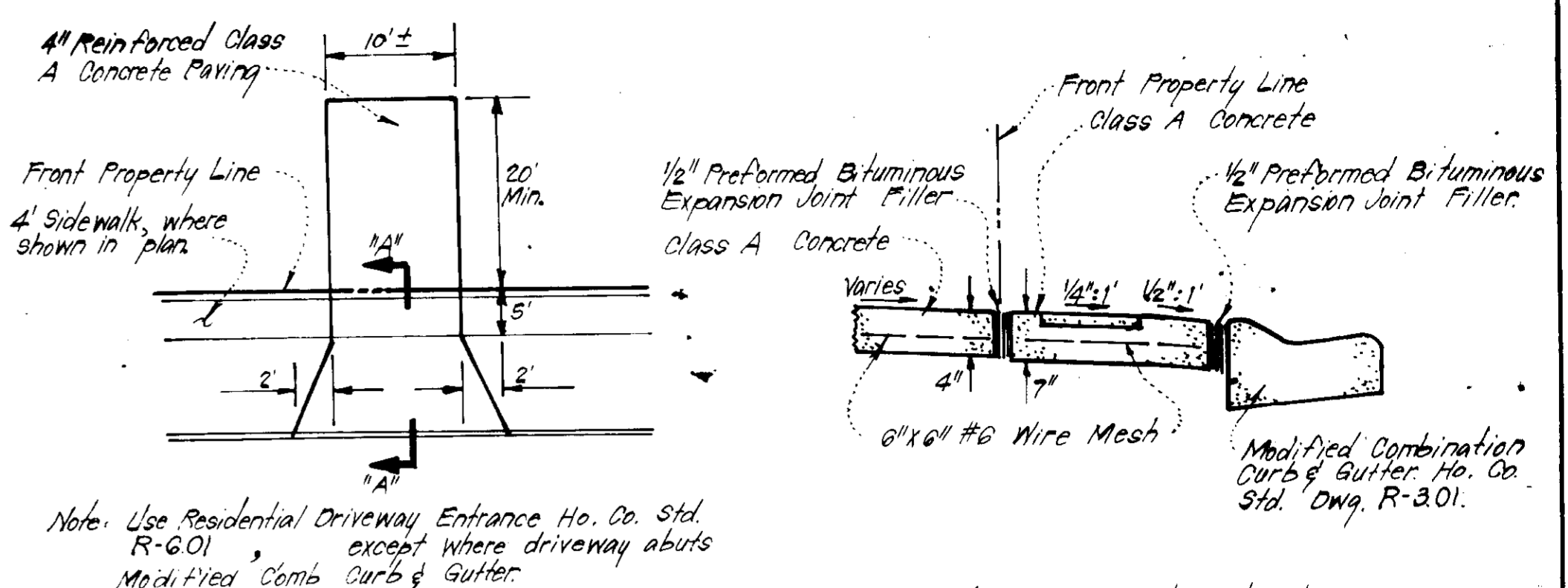
VILLAGE OF KINGS CONTRIVANCE
SECTION 3 PLAT
OPEN SPACE LOT 153



LEGEND:

1. Contour Interval: 2 Ft.
2. Existing Contour: ---
3. Proposed Contour: - - -
4. Spot Elevation: +
5. Direction of Drainage: →
6. Exist Trees to be retained: ○

DRIVEWAY ABUTTING MODIFIED COMBINATION CURB & GUTTER



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

Note: Materials and Construction shall be in accordance with Ho. Co. Std. Spec. & Details for Construction SECTION 11A1-1A7

GENERAL NOTES:

1. The land included in this plan is zoned: New Town (SFM.D).
2. The lots shown on this plan are covered by Final Development Plan Phase 169-A-Part II.
3. All coordinates are based on traverse controls for Columbia established by Maps Inc. in 1965, by Purdom & Jeschke in 1968, which controls were tied to Maryland Bureau of Control Survey monuments and U.S. Coast & Geodetic Survey monuments in the Columbia area.
4. The area covered in this submission is located on Tax Map # 42.
5. Total area included on this plan is 4.616 Acres.
6. All roadways are public and Existing.
7. Any damage to county owned rights of way shall be corrected at the developer's expense.
8. Total Number of Lots: 10

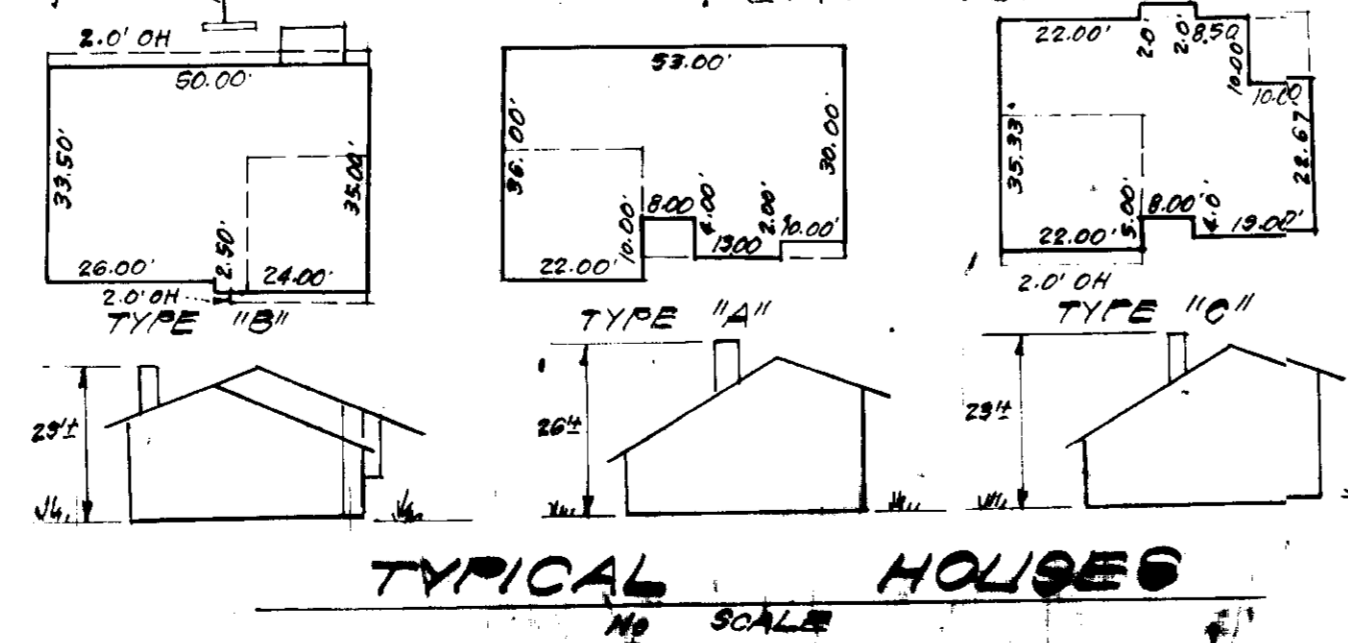
12-21-82
JMM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Engler 1-9-83
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
William J. Maddox 1-10-83
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 1-10-83

DIRECTOR DATE 1-10-83
CHIEF BUREAU OF ENGINEERING DATE



NO	REVISION	DATE
1	Hse Type # C rev on Lot 74 From C to B	10-11-82
2	Rev Hses Lots 72, 75 & 78, Added Hses Lots 80-83	11-17-82

Donald B. Sackett

Plot Ref: Plot 4814

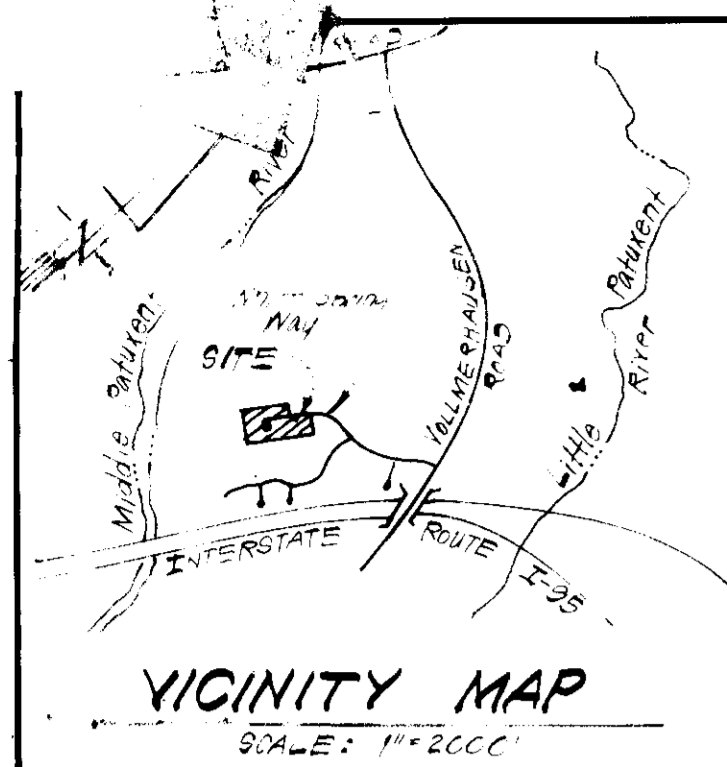
CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING MARYLAND 20904 (301) 593 3400

DESIGNED: JME
DRAWN: JME
CHECKED: JME
DATE: 11-18-82

SITE DEVELOPMENT PLAN
LOTS 72 THRU 75, 77, 78 & 80 THRU 83
COLUMBIA
VILLAGE OF KINGS CONTRIVANCE
SECTION 3 AREA 2
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

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

SCALE: 1/4" = 30'
DRAWING: 10-B
JOB NO: 80-101
FILE NO: 80-101-X



- LEGEND:**
- 1. Contour Interval: 2 Ft.
 - 2. Existing Contour:
 - 3. Proposed Contour:
 - 4. Spot Elevation:
 - 5. Direction of Drainage:
 - 6. Exist. Trees to be retained:
 - 7. Straw Bale Dike/Silt Fence: S.B.D./S.F.
 - 8. Stone Filter Inlet Protection: S.F.I.P.
 - 9. Stone Construction Entrance: S.C.E.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James E. ... 1-9-83
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
... 1-10-83
PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
... 1-6-83
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

OPEN SPACE LOT 153
VILLAGE OF KINGS CONTRIVANCE
SECTION 3 PLAT 486

Approved for: **HOWARD** S.C.U.
Name
and meets Technical Requirements

Signature: *...* Date: *...*
U.S. Soil Conservation Service

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

... 1-8-83
Approved Date

Allan Washak
Signature of Developer/Builder
Allan Washak

11-18-82
Date

ENGINEERS 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 Conserv-
ation District.

G. Nelson Clark
G. Nelson Clark
11-18-82
Date



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-21-82
JMM

Plot Ref: Plot 4814

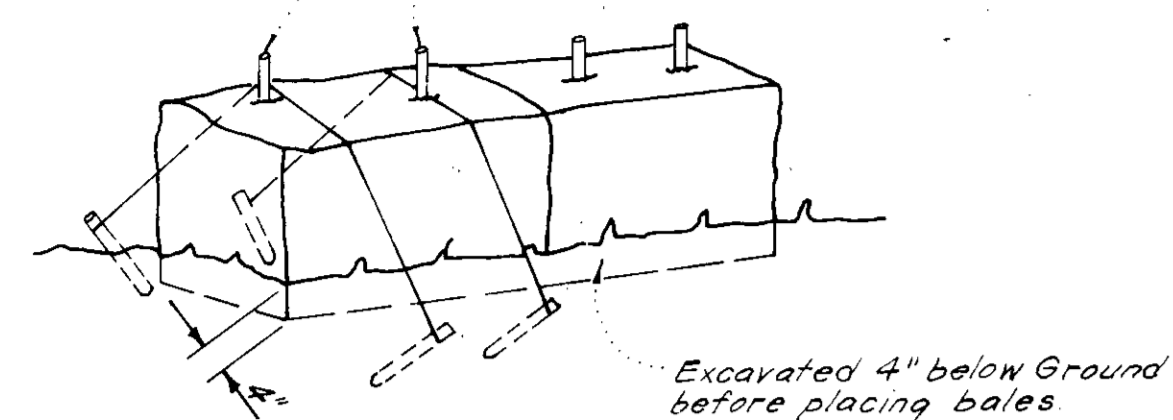
		CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS	
11315 LOCKWOOD DRIVE		SILVER SPRING, MARYLAND 20904	
(301) 593-3400			
DESIGNED	J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 72 THRU 75, 77, 78, & 80 THRU 83	SCALE 1"=30'
DRAWN	V.L.B.	COLUMBIA	DRAWING 2 OF 3
CHECKED	J.L.S.	VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-101
DATE	11-18-82	FOR: ALLAN HOMES, INC. 150 Box 1058 Columbia, Md. 21044	FILE NO. 80-101-SE

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 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 3lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 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 90 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 binder 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 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 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 = 1251 L.F.
- SITE ANALYSIS:
 - A. Total Area: 4.616 Acres.
 - B. Area to be Roofed: 0.407 Acres.
 - C. Area to be Paved: 0.174 Acres.
 - D. Area to be Seeded: 1.524 Acres.
 - E. Area Undisturbed: 2.511 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.
- 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.

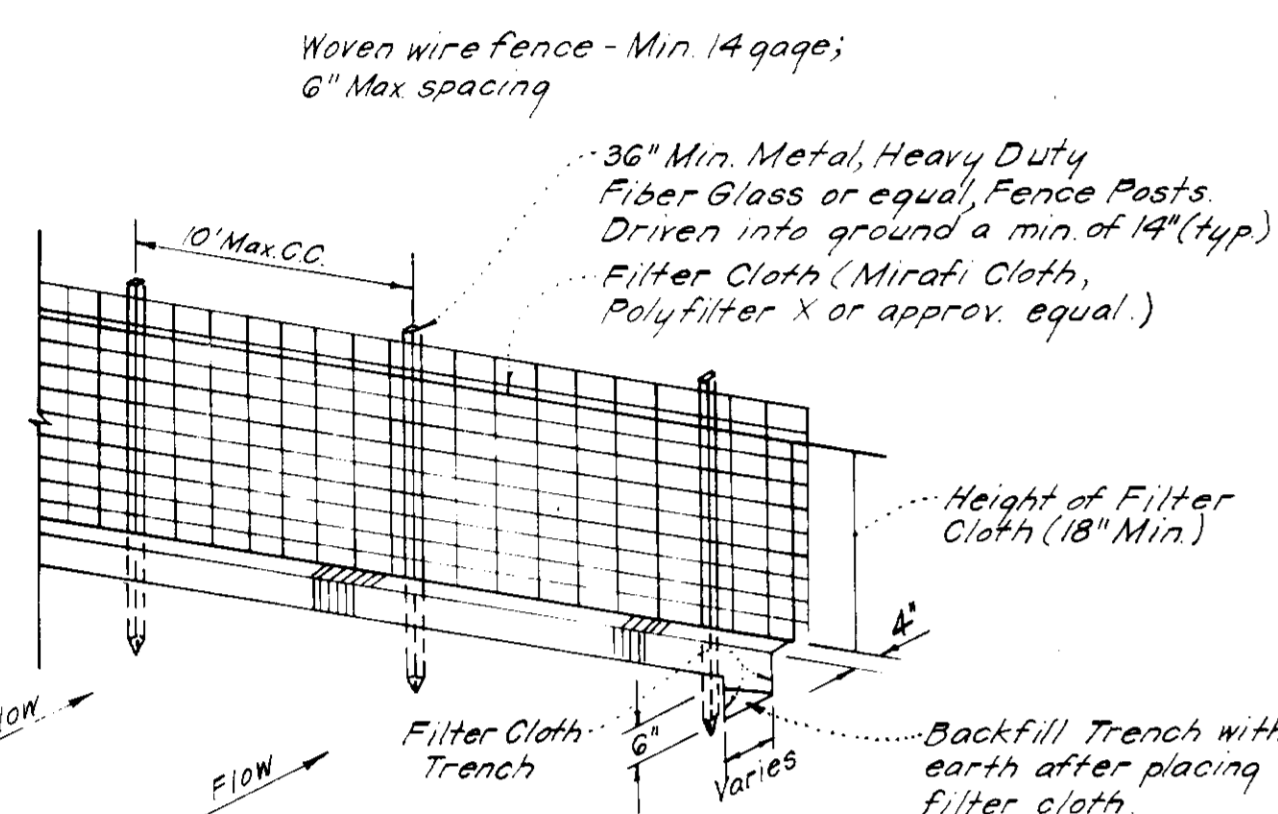
All bales shall be tied with non-weathering materials, i.e. wire, nylon.

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



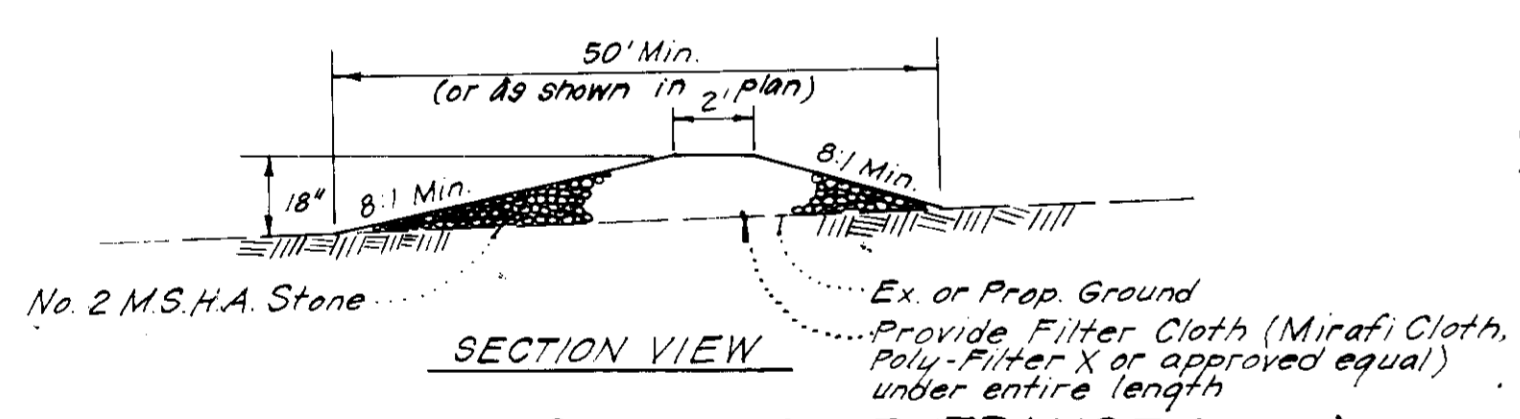
Note:
In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

STRAW BALE DIKE DETAIL (S.B.D.)
No SCALE

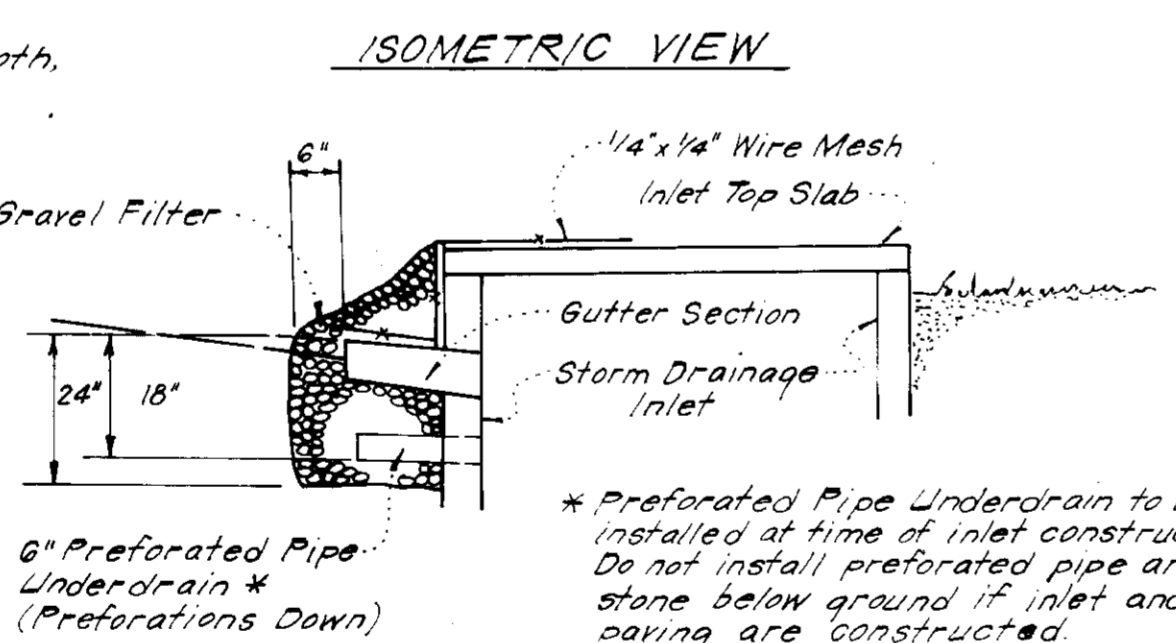
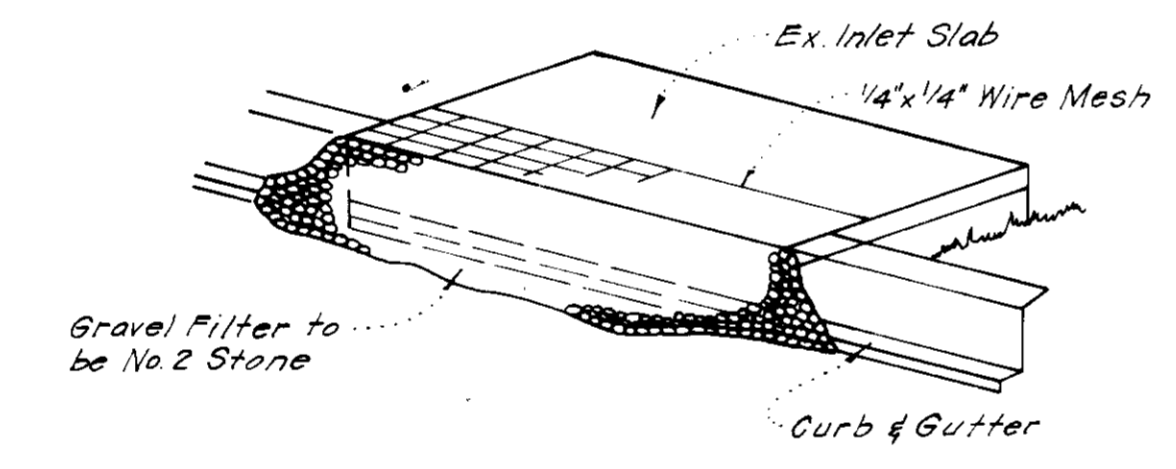


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

SILT FENCE DETAIL (S.F.)
No SCALE

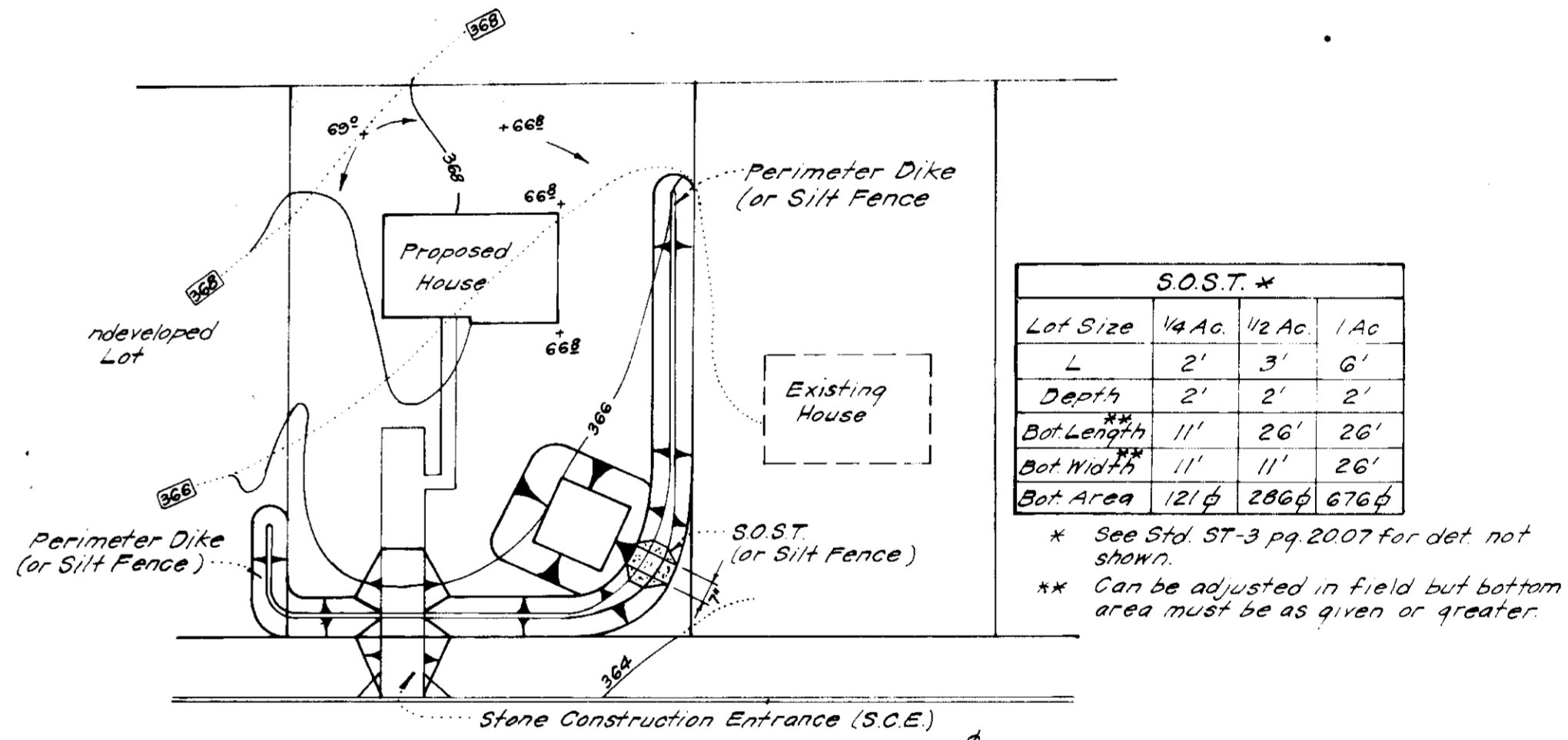


STONE CONSTRUCTION ENTRANCE (S.C.E.)
No SCALE



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

* Prefabricated Pipe Underdrain to be installed at time of inlet construction. Do not install prefabricated pipe and stone below ground if inlet and/or paving are constructed.



SINGLE LOT SEDIMENT CONTROL PLAN
No SCALE

APPROVED
DIVISION OF LAND USE
ZONING ADMINISTRATION
HOWARD COUNTY
DATE 12-21-82
JMM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 1-9-83
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 1-10-83
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 1-6-83
DATE

CHIEF BUREAU OF ENGINEERING
[Signature] 1-6-83
DATE

Reviewed for HOWARD S.C.D.
and meets Technical Requirements
Name
Signature
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.

We certify that the proposed construction will be done according to the plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

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] 11-18-82
Signature of Developer/Builder Date
Allan Washak

[Signature] 11-18-82
Signature Date
G. Nelson Clark

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SUITE 101 • BETHESDA, MARYLAND 20814 • (301) 593-1411

DESIGNED JLS.	SEDIMENT & EROSION CONTROL PLAN LOTS 72 THRU 75, 77, 78, & 80 THRU 83	SCALE As Shown
DRAWN VLB.		DRAWING 3 of 3
CHECKED JLS.	COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-101
DATE 11-18-82		FILE NO. 80-101-56

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

S.D.P. 83-56 C **SDP-83-56C**