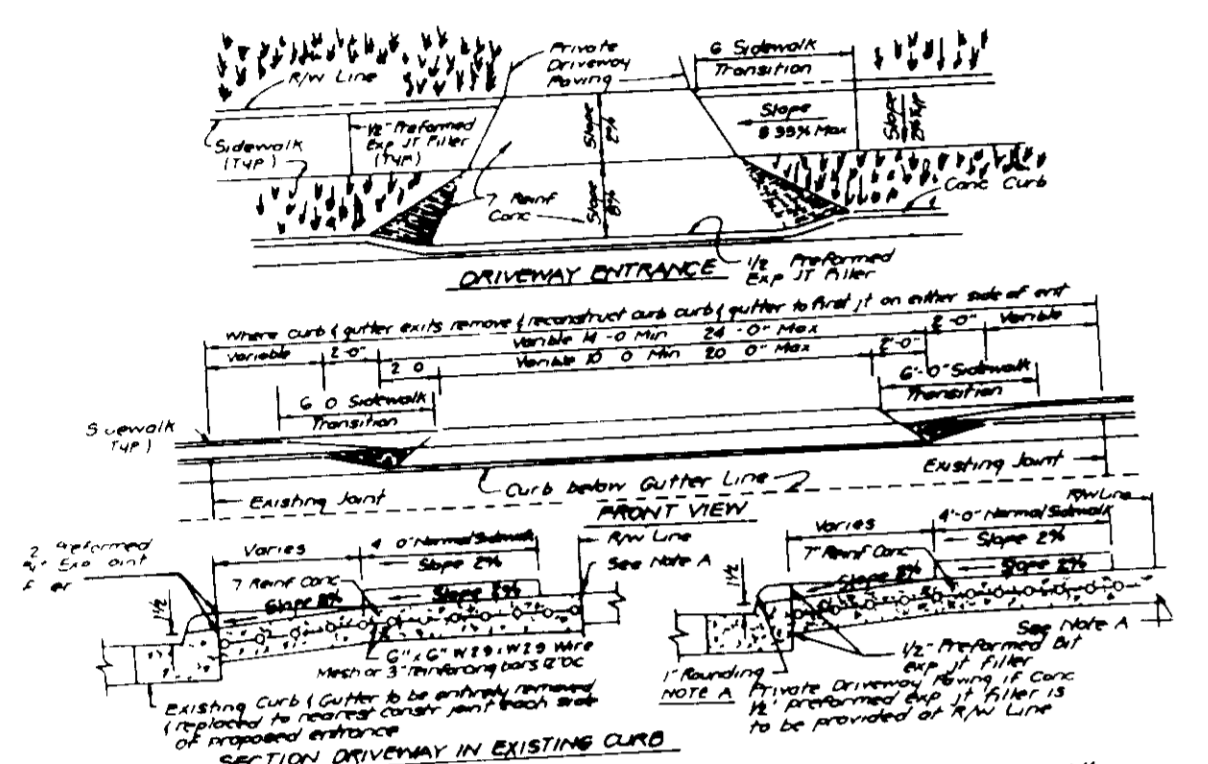
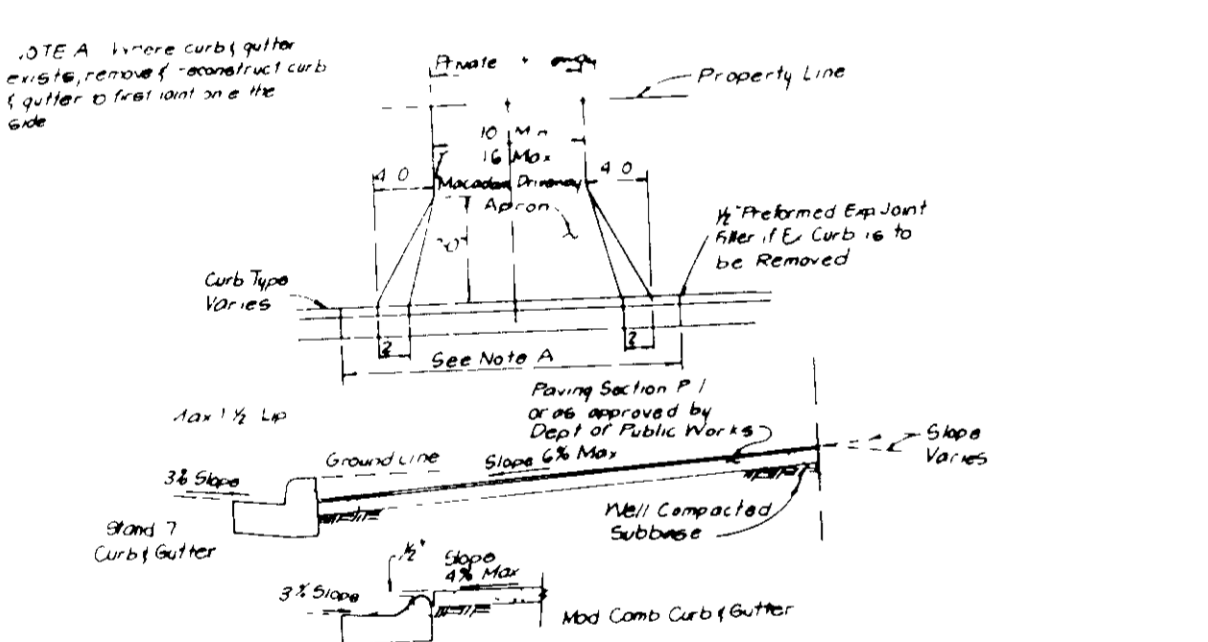


**DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMB CURB & GUTTER & SIDEWALK**

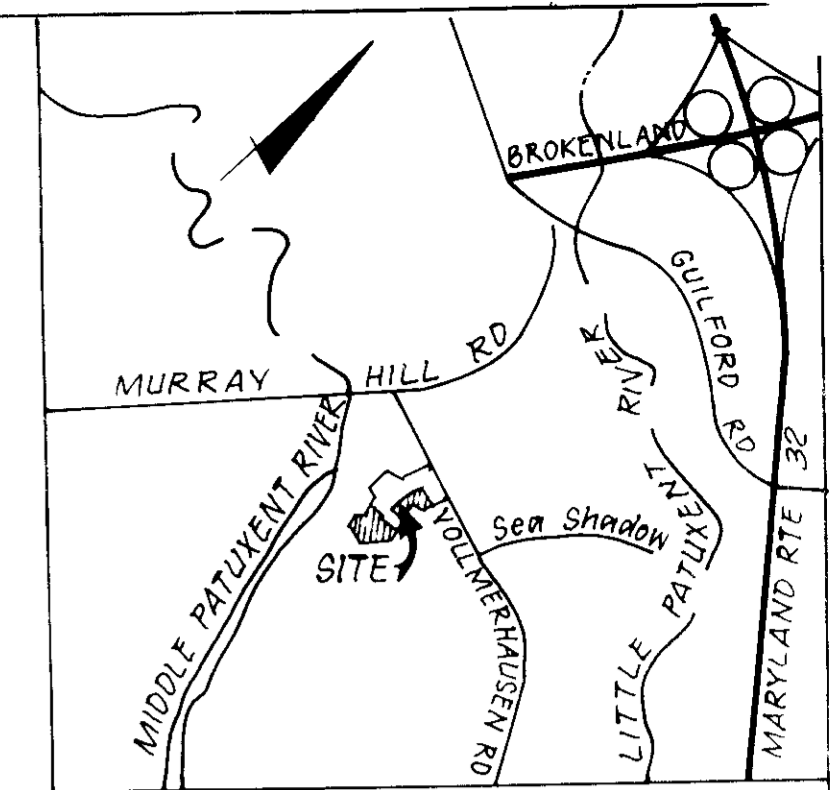


**DRIVEWAY ABUTTING CLOSED SECTION WITH STR 7" COMB CURB & GUTTER & SIDEWALK SET BACK FROM CURB**



**DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK**

ADDRESS CHART	
LOT #	STREET ADDRESS
176	9750 POLISHED STONE
177	9754 POLISHED STONE
178	9758 POLISHED STONE
179	9762 POLISHED STONE
180	9766 POLISHED STONE
181	9770 POLISHED STONE
182	9774 POLISHED STONE
183	9778 POLISHED STONE
184	9782 POLISHED STONE
185	9786 POLISHED STONE
186	9790 POLISHED STONE
187	9794 POLISHED STONE
188	9798 POLISHED STONE
189	9802 POLISHED STONE
190	9806 POLISHED STONE
191	9810 POLISHED STONE
192	9814 POLISHED STONE
193	9818 POLISHED STONE
194	9822 POLISHED STONE
195	9826 POLISHED STONE
196	9830 POLISHED STONE



**GENERAL NOTES**

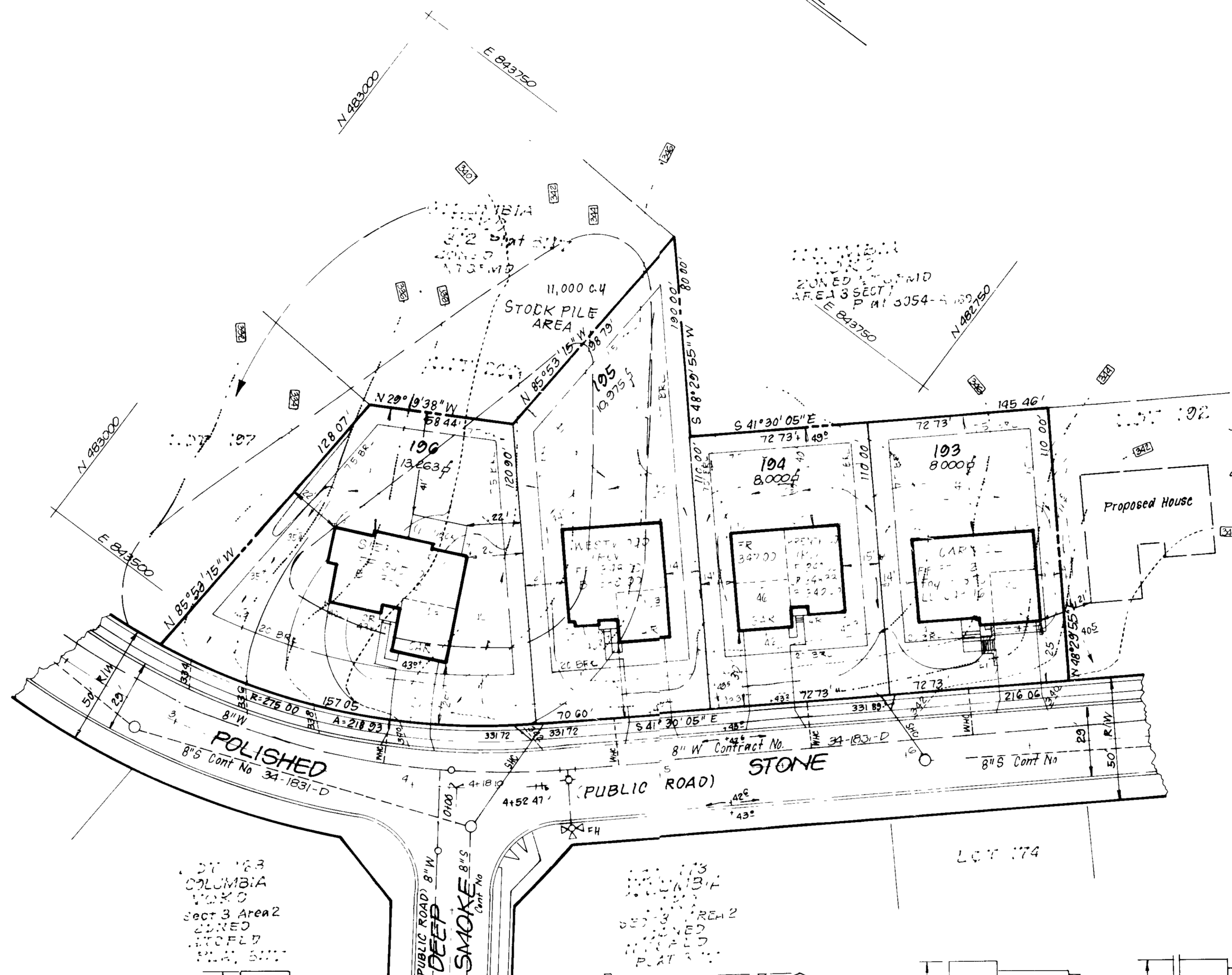
- The land included is zoned NT-SFMD-Lots 193-196, NT-SFMD-Lots 176-186 per 8-285 Comprehensive Zoning Plan
- Coordinates shown here are based upon traverse controls for Columbia established by Maps, Inc., in 1965 and Purdum and Jeschke in 1968, which controls were tied to the Maryland Bureau of Control Surveys Monuments and to U.S. Coast and Geodetic Survey Monuments in the Columbia Area.
- All roads are public and existing.
- Any damage to county owned rights-of-way to be corrected at Developer's Expense.
- Total area included is 5.3862 Ac.
- Total number of lots is 15.
- The contractor or developer shall contact the Construction Inspection / Survey Division 24 hrs in advance of commencement of work at 702-2030.
- Existing topo was taken from plans prepared by Whitman, Requaert & Assoc.
- Reference No's S 77-32, P 80-03, F 78-203, F 80-87, F 88-236, W 88-118
- Reference Final Development Plan Criteria Phase 102-A-1 Part II Plat No 3054-A, 502 thru 575

**SPECIAL NOTES**

- Approved Road Construction Plans shall be used for all public utilities.
- Public water and sewer shown for reference only. For more detailed information, see Water and Sewer Plans Contract No.
- The water and sewer house connections not included in a "Developer's Agreement" shall conform to Howard County Plumbing Code. The on-site WHO shall be 1" copper and the SHC shall be 4" iron.
- Stormwater Management provided for in the Village of Kings Contrivance, Sec 3 Area 1, F 78-201 & Village of Kings Contrivance Sec 3, Area 2, F 80-87.

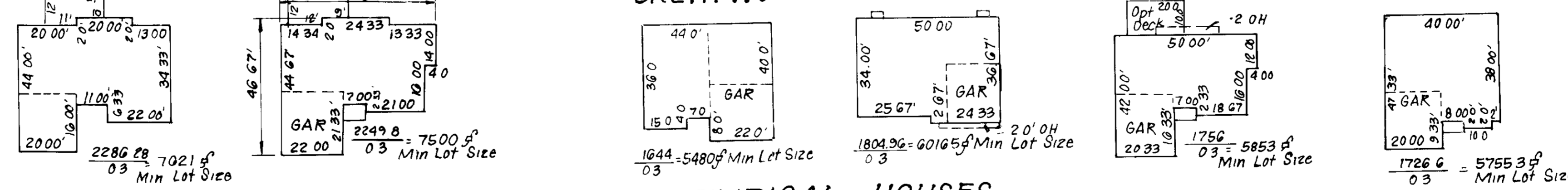
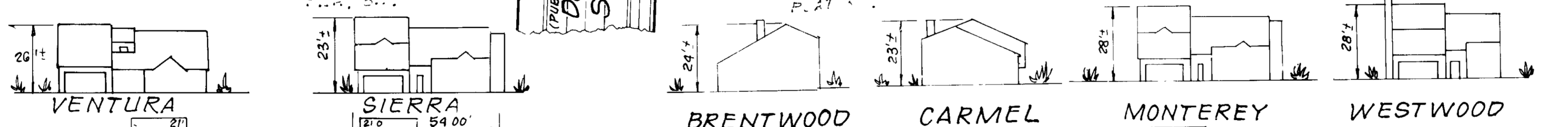
**LEGEND**

- Contour Interval 2 FT
- Existing Contour 280
- Proposed Contour 280
- Spot Elevation +83'
- Direction of Drainage
- Walk-out Basement
- Ex trees to be saved
- Ex trees



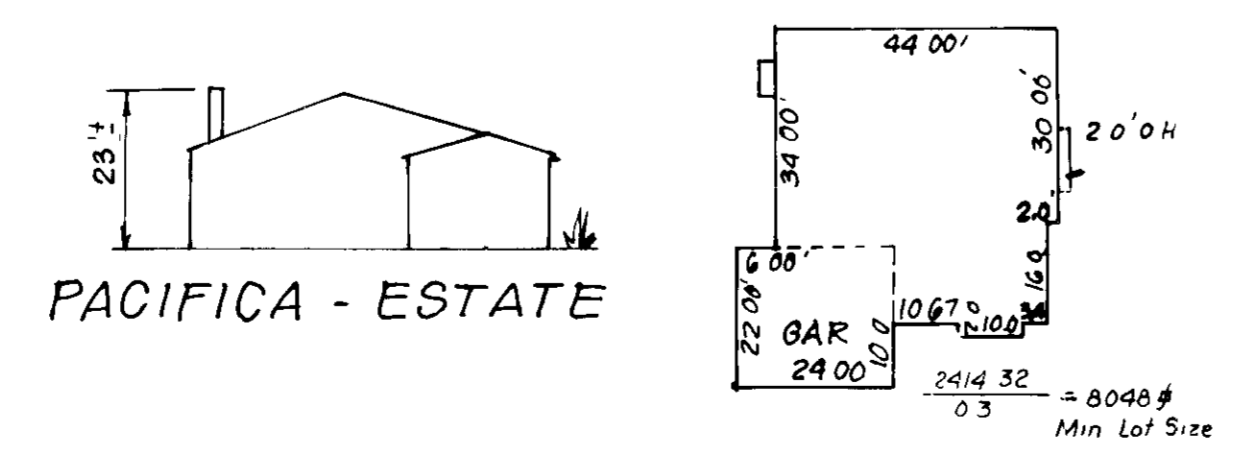
**APPROVED**  
MAY 11 1988  
COMMITTEE ON PLANNING & LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE \_\_\_\_\_

**BUILDING RESTRICTION LINES**  
FRONT 20' MIN  
SIDE 75' MIN  
REAR 75' MIN



**TYPICAL HOUSES**

Scale 1/8" = 30' NOTE: All units have 0.67' roof eaves front & rear



**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 11-14-88  
COUNTY HEALTH OFFICER

**APPROVED, HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
DATE 11-11-88  
PLANNING DIRECTOR  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE**  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 11-14-88  
DIRECTOR  
CHIEF BUREAU OF ENGINEERING



<b>OWNER/DEVELOPER</b> Howard Research and Development Corp. 10275 Little Patuxent Pkwy Columbia, Maryland 21044	<b>Subdivision Name</b> COLUMBIA VILLAGE OF KINGS CONTRIVANCE	<b>Section</b> 3	<b>Lot</b> 2	<b>Acres</b> 176-186 + 193-196
<b>Plot No</b> B117	<b>Block No</b> 21	<b>Zone</b> NTSFMD	<b>Tax Map No</b> 42	<b>Elec Dist</b> G+H
<b>Water Code</b> E 15	<b>Sewer Code</b> G240000 G250000			

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-1514 • BALT 1 •

<b>DESIGNED</b> CMS	<b>SITE DEVELOPMENT PLAN</b> LOTS 176-186, 193-196	<b>SCALE</b> 1" = 30'
<b>DRAWN</b> BAL	<b>COLUMBIA VILLAGE OF KINGS CONTRIVANCE</b> SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	<b>DRAWING</b> 1 OF 4
<b>CHECKED</b> CMS	<b>OWNER/DEVELOPER</b> Howard Research and Development Corp. 10275 Little Patuxent Pkwy Columbia, Maryland 21044	<b>JOB NO</b> 88-068
<b>DATE</b> Sept 2 '88	<b>FOR ALLAN HOMES, INC</b> PO BOX 10558 Columbia Maryland 21044	<b>FILE NO</b> 88-068X




APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER *[Signature]* 11/4/88  
 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *[Signature]* DATE  
 CHIEF DIVISION OF COMMUNITY PLANNING  
 AND LAND DEVELOPMENT

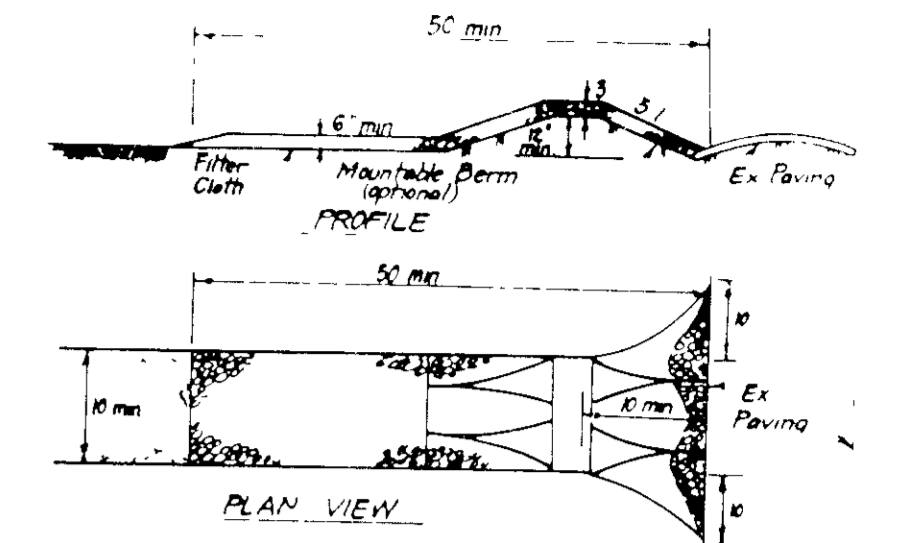
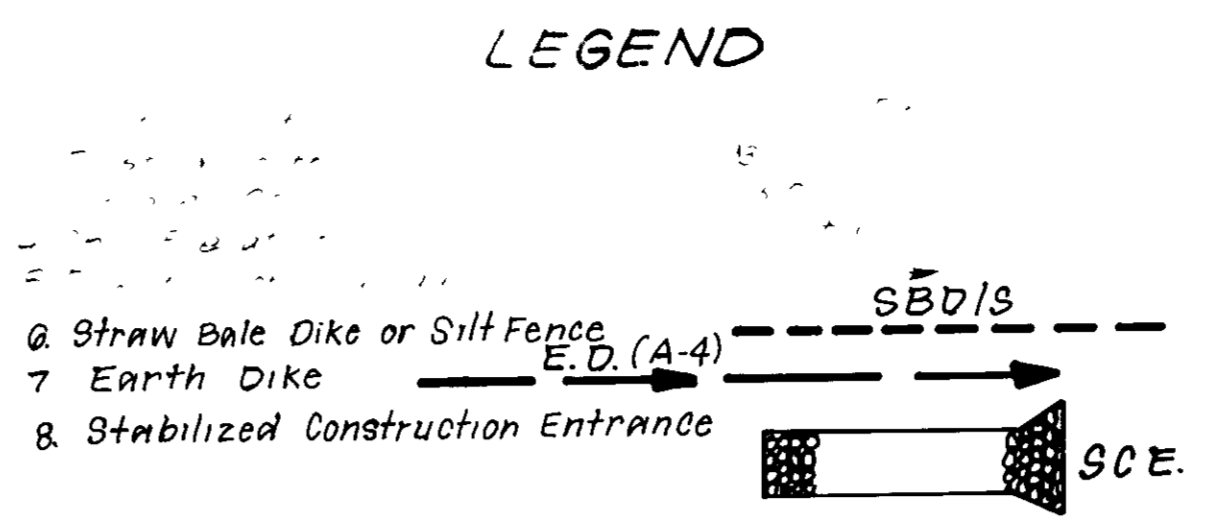
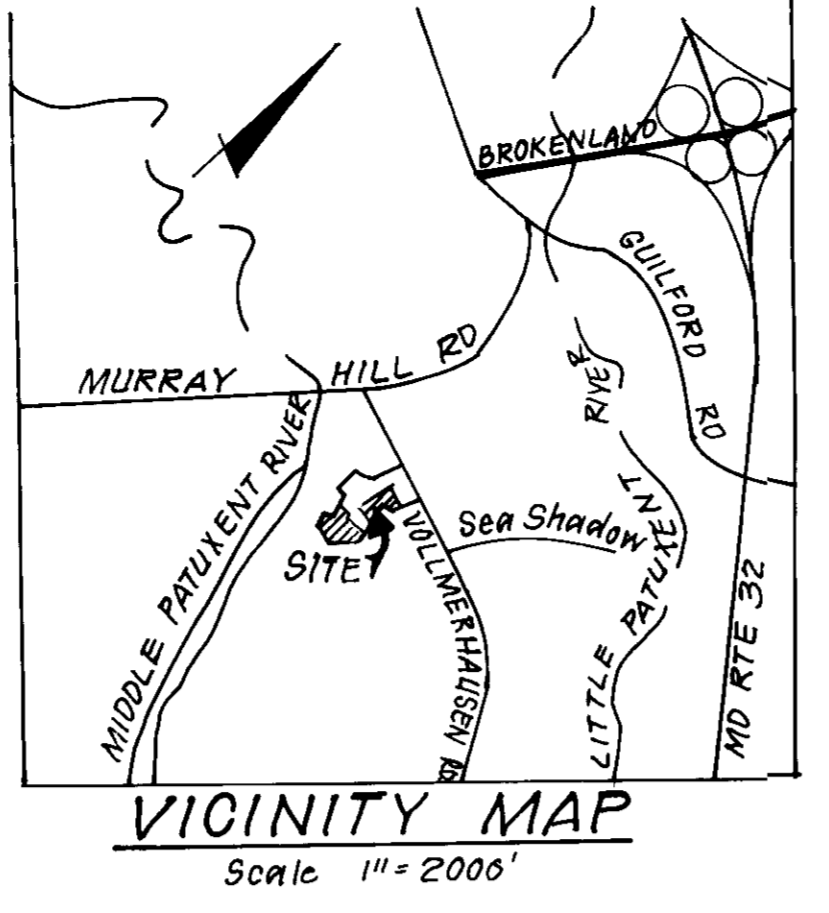
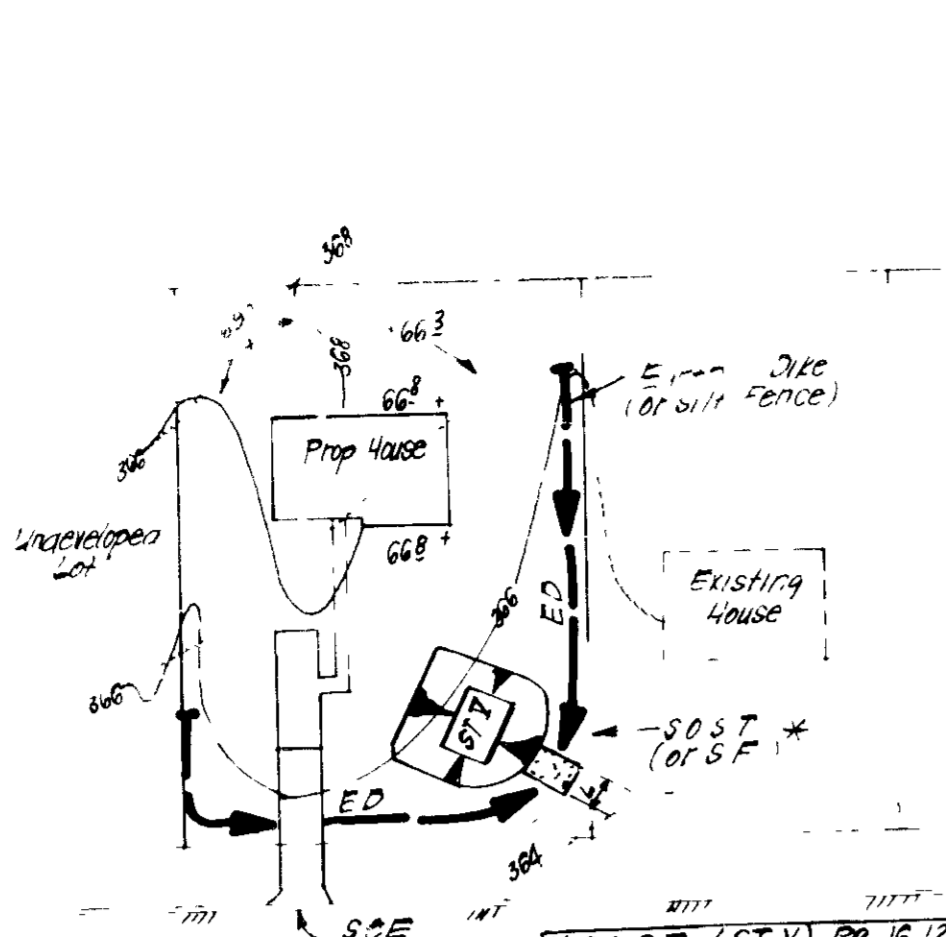
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR *[Signature]* DATE  
 CHIEF BUREAU OF ENGINEERING



 <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 415 MINNIE WAY • COLUMBIA, MD 21044 • 410.751.1411		
DESIGNED CMS	<b>SITE DEVELOPMENT PLAN</b> LOTS 176-186 & 193-196 <b>COLUMBIA</b> VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN BAC GS		DRAWING 2 OF 4
CHECKED CMS	OWNER / DEVELOPER Howard Research and Development Corp. 10275 Little Patuxent Pkwy Columbia, Md 21044	JOB NO. 88-068
DATE SEPT 2, 1988		FOR ALLAN HOMES, INC PO BOX 1058 Columbia, Maryland 21044

SDP-89-56

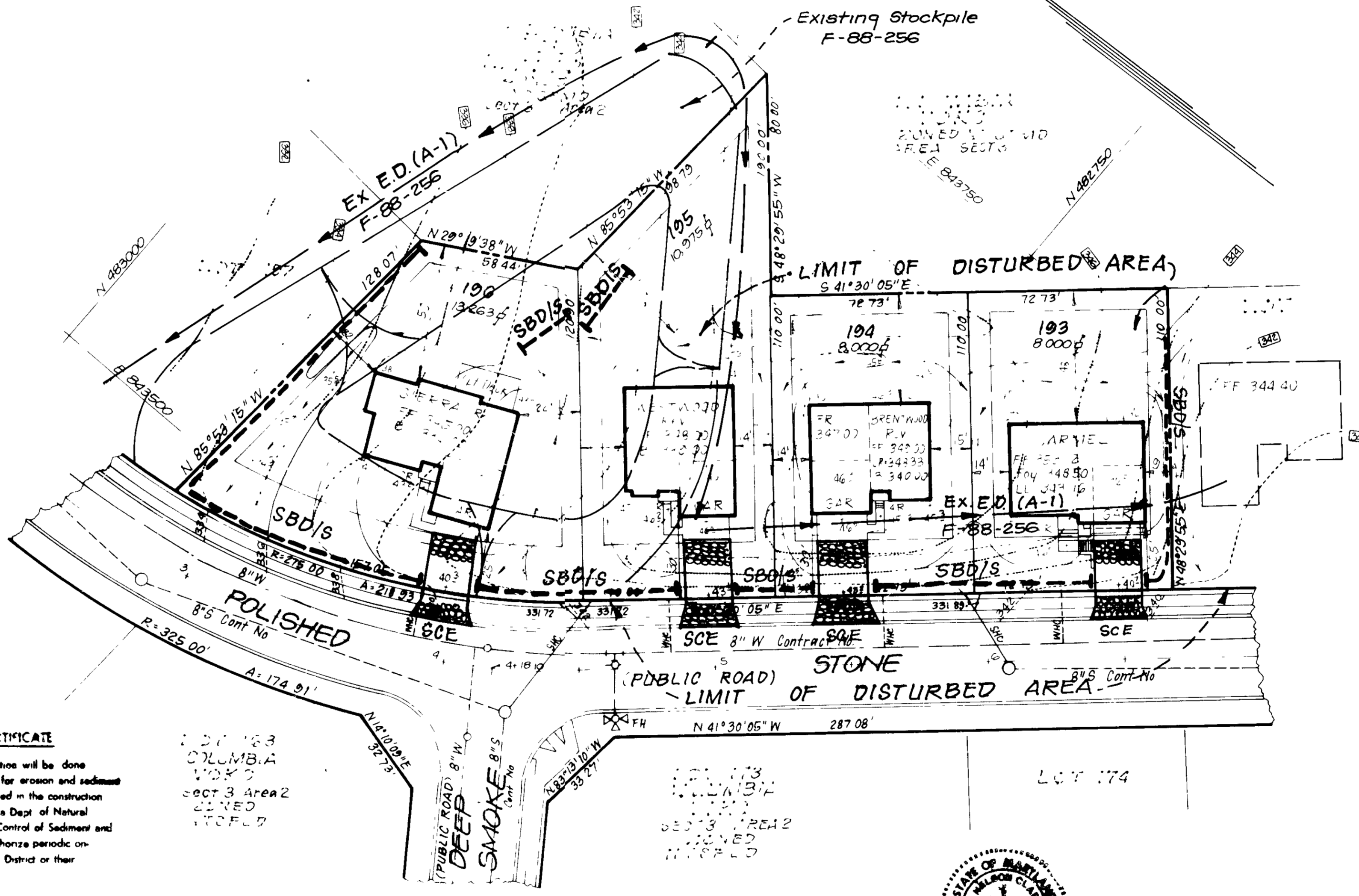


**CONSTRUCTION SPECIFICATIONS**

- Stone size - Use 2" stone or recycled concrete equivalent
- Length - As required, but not less than 50 feet (except on a simple residence lot where a 30 foot minimum length would apply)
- Thickness - Not less than six (6) inches
- Width - Ten (10) foot minimum, but not less than the full width of points where ingress or egress occurs
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on slope (unless recommended)
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mound of stone with a 5' slope will be permitted
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic cleaning with additional stone as conditions demand. Sediment applied, graded, washed or tracked onto public rights-of-way must be removed immediately
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which shall be an approved sediment trapping device
- Periodic inspection and needed maintenance shall be provided after each rain

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**

**\* NOTE:** Single lot sediment control structures can not be utilized if multiple lots are being disturbed at the same time or on any lots showing a sediment trap. Stone must be as given or greater area must be as given or greater.



**NOTE:** Existing Sediment & Erosion Control Measures were taken from previously approved Sediment and Erosion Control Plan F-88-256

Reviewed for HOWARD S.C.D. Name: [Signature] and meets Technical Requirements: [Signature] Date: 10/27/88 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. Approved: [Signature] Date: 10/25/88

**DEVELOPER'S/BUILDER'S CERTIFICATE**

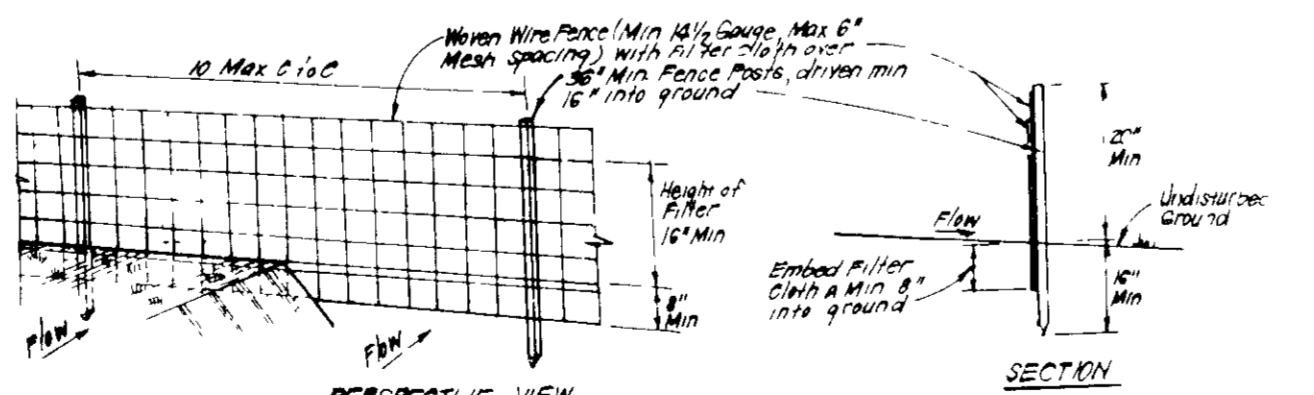
I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept of Natural Resources Approved Training 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.

Signature of Developer/Builder: [Signature] Date: 9-8-88

**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.

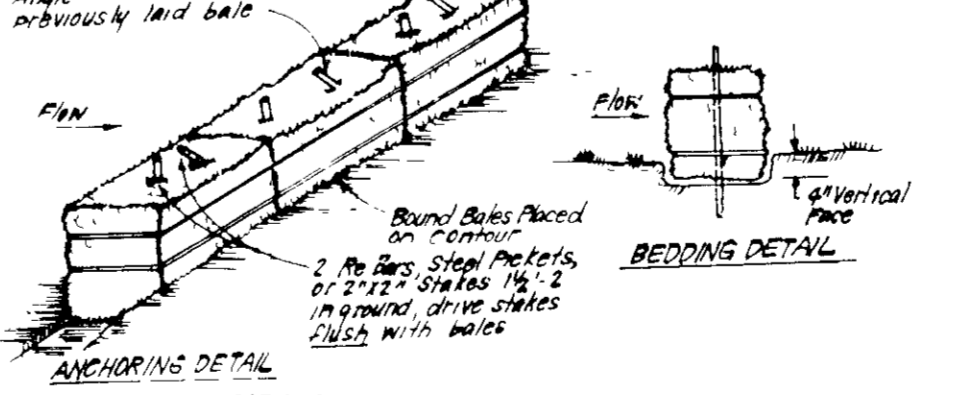
Signature: [Signature] Date: 9-9-88



**SILT FENCE DETAIL (S)**

**CONSTRUCTION SPECIFICATIONS:**

- Woven wire fence to be fastened securely to fence posts with wire ties or staples
- Filter cloth to be fastened securely to woven wire fence with wire staples every 36" at top and mid section
- When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and staples
- Underdrains shall be installed as needed and material removed when "bulges" develop in Silt Fence



**STRAW BALE DIKE DETAIL (SBD)**

**CONSTRUCTION SPECIFICATIONS:**

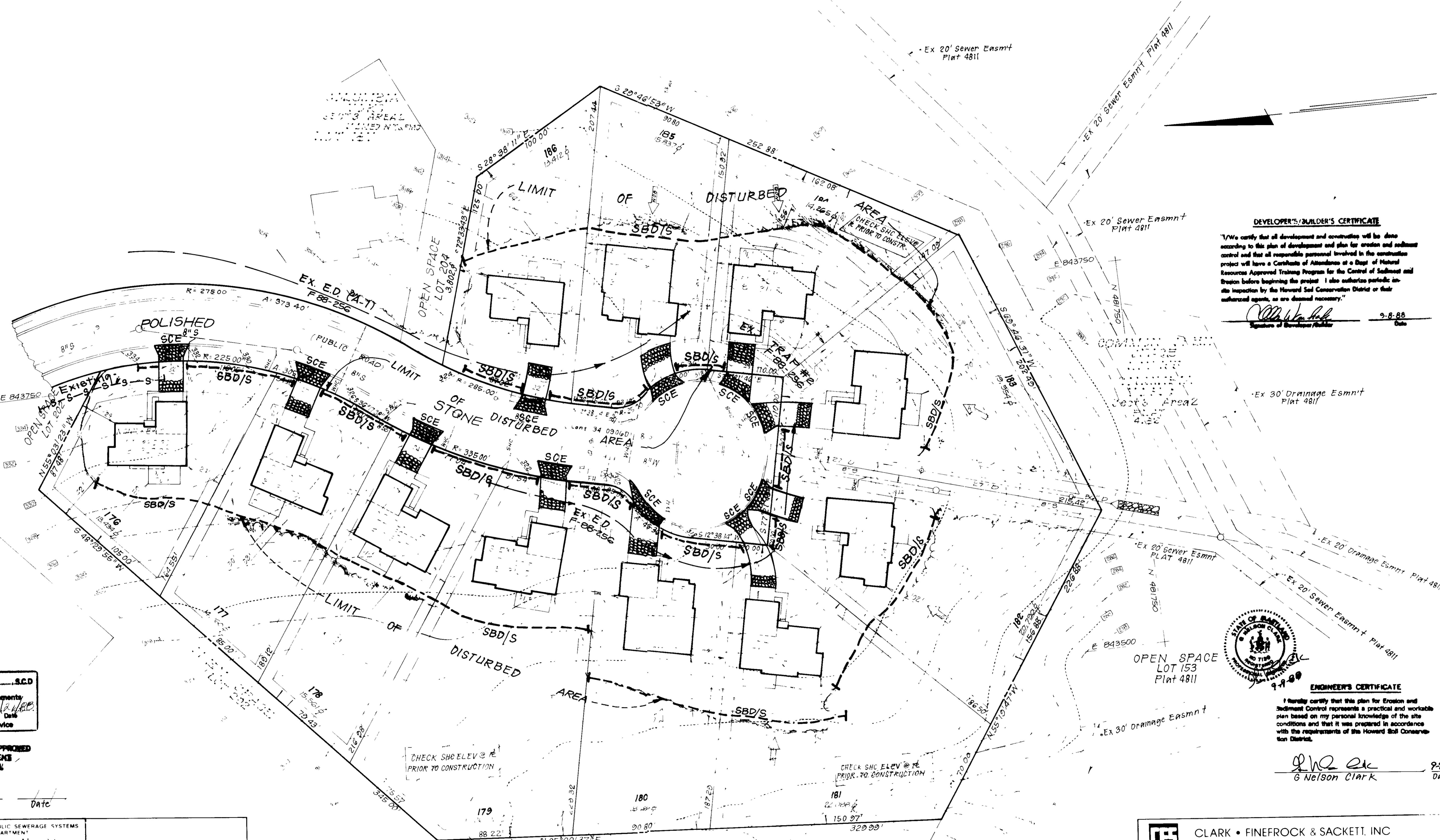
- Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales
- Each bale shall be embedded in the soil a min of 4" and placed so the bindings are horizontal
- Bales shall be securely anchored in place by either 2 stakes of re bars driven thru the bales
- The 1st stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bales
- Inspection shall be frequent and repair replacement shall be made promptly as needed
- Stakes shall be removed when they serve their usefulness so as not to block or impede storm flow or drainage

James Zola 11-14-87  
 Andrew M. [Signature] 11-2-87  
 Andrew M. [Signature] 4/3/88

CONSTRUCTION SCHEDULE	No. of Days
A Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize	7
B Excavate for foundations and rough grade & temporarily stabilize	30
C Construct Structures, Sidewalks, and Driveways	120
D Final Grade and stabilize in accordance with Sds & SCS	30
E Upon approval of the sediment control inspector remove sediment and erosion controls and stabilize	30

Note: Houses on lots 195 & 20 shall not be constructed until Ex. Trap # 2 as shown on F-78-201 and F-80-87 are removed. All existing sediment and erosion control measures are taken from previously approved plans F-78-201 and F-80-87.

CLARK • HINEPOCK • SACKETT INC  
 SEDIMENT & EROSION CONTROL PLAN  
 LOTS 176-186, 193-196  
**COLUMBIA**  
 VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2  
 6th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 For Allan Homes P.O. Box 1058 Columbia Maryland 21044  
 SDP-89-56



**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project 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.

*[Signature]* 9-8-88  
 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.

*[Signature]* 9-9-88  
 G. Nelson Clark Date

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

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

Approved \_\_\_\_\_ Date \_\_\_\_\_

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 11-14-88  
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR DATE  
*[Signature]* 11-21-88  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR DATE  
*[Signature]* 11/3/88  
 CHIEF BUREAU OF ENGINEERING DATE

**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED KIW	SEDIMENT & EROSION CONTROL PLAN LOTS 176-186, 193-196 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DATE 11/3/88
DRAWN BAL GS		FILE NO. 88-068
CHECKED KIW	FOR ALLAN HOMES, INC PO BOX 1058 Columbia, Maryland 21044	DATE Sept 88
OWNER/DEVELOPER Howard Research and Development Corp. 10275 Little Patuxent Pkwy Columbia, Md 21044		DATE 21044

JOB NO. 88-068  
 DRAWING 4 OF 4  
 FILE NO. 88-068

SP-89-56