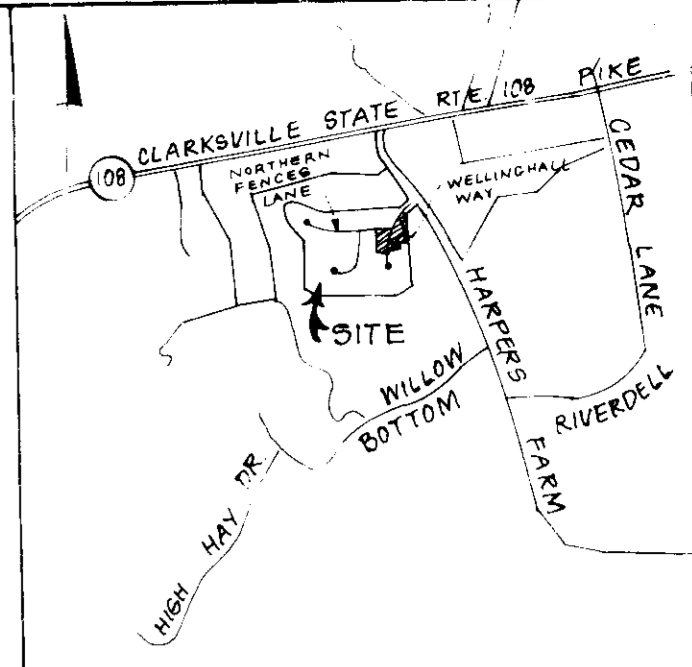


NO.	REVISIONS	DATE
1	Rev. hse. of gra. lot 1, Add hse. typ.	7-11-97
2	Rev. hse. lot 1 to show screened porch	2-5-98

**LEGEND**

Contour Interval	2' 11"
Existing Contour	4' 10"
Proposed Contour	7' 10"
Spot Elevation	1' 10"
Direction of Drainage	→
Walk-out basement	⊞



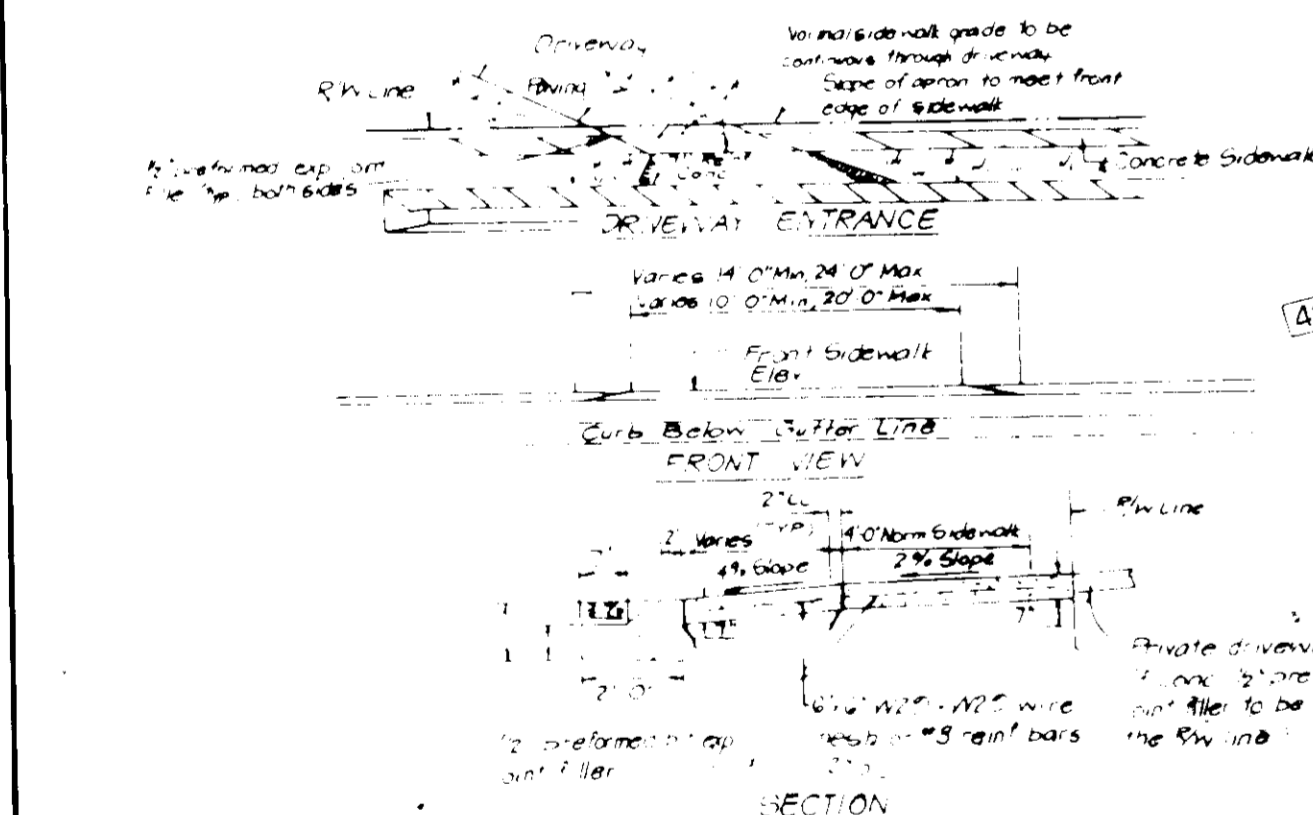
**GENERAL NOTES**

1. Subject property zoned NT, SFLD per #2.85 comprehensive zoning plan & F.D.P. 204.
2. The coordinates shown hereon are based on The Maryland State Grid System & Howard County Geodetic Control Stations 2739002 & 2739003.
3. All roadways are public.
4. Total area included in this submission: 2.13 AC.
5. Total number of lots: 6.
6. Any damage to county-owned right-of-ways shall be corrected at the Developer's expense.
7. This subdivision is subject to Sect. 18.122B of the Howard County Code.
8. Reference plans: 588-101, P89-45 WP 89-14.
9. The contractor or developer shall contact the construction inspection Division 24 hours in advance of commencement of work at 792-2030.
10. The existing topography shown was taken from road construction plans prepared by Kilde Consultants, Inc. F 90-06.
11. 10' Tree Maintenance Easement on all road frontages.
12. Stormwater Management requirement for this subdivision has been waived in accordance with DPW Action dated 9-16-1998.

**SPECIAL NOTES**

1. All road construction, storm drainage facilities and public water and sewer are shown for reference only. Use approved Howard County plans for all phases of construction.

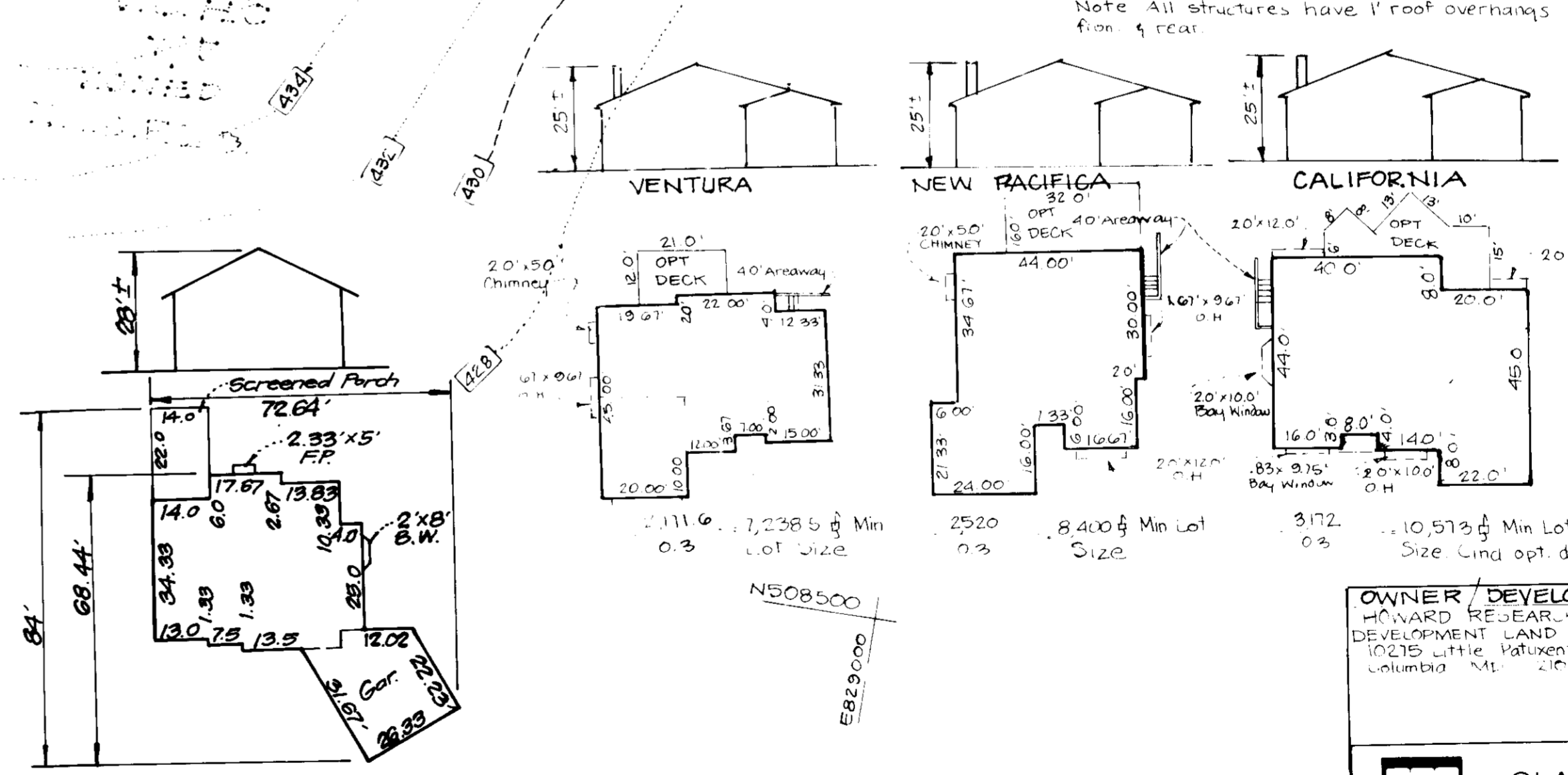
**DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK**



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



**TYPICAL HOUSES** Scale: 1" = 30'



**ADDRESS CHART**

Lot No.	STREET ADDRESS
1	5101 Wellinghall Way
2	6105
3	5109
11	5116
12	5112
13	5108 Wellinghall Way

**PHILLIPS RESIDENCE**  
 3038 = 10,126.9 sq Min. Lot Size  
 0.3 Incl. 10' x 15' Deck not shown  
 3346 = 11,159.33 sq Min. Lot Size  
 0.3 Incl. 10' x 15' Deck (not shown)  
 4' 14' x 22' Screened Porch



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE: 4-17-90  
 APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 DATE: 4/24/90  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE: 4/12/90

OWNER / DEVELOPER	Subdivision Name	COLUMBIA	Sect./Area	7 / 5	Lots	1, 3 & 11-13
HOWARD RESEARCH AND DEVELOPMENT LAND CO.	Village Of Hickory Ridge					
10215 Little Patuxent Pkwy. Columbia, MD 21044	Plat No	Block No	Zone	Tax Map No	Elec Distr	Census
	9317	15-17	NTSFLD	20	5	6053.01
	Water Code	I03		Sewer Code	6740000	

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		SCALE	1" = 30'	
DESIGNED	VLP	SITE DEVELOPMENT PLAN LOTS 1-3 AND 11-13 <b>COLUMBIA</b> VILLAGE OF HARPERS CHOICE	DRAWING	1 of 2
DRAWN	GBS		JOB NO.	90-028
CHECKED	JME	SECTION 7 - AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO.	30-128 X
DATE	Feb 16, 1990	For: Allan Homes, Inc. 115 Box 1058 Columbia, MD 21044		

**SEDIMENT CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
 

Total Area of Site	2.13 Acres
Area Disturbed	1.71 Acres
Area to be roofed or paved	0.47 Acres
Area to be vegetatively stabilized	1.24 Acres
Total Cut	2474 Cu. yds
Total Fill	1067 Cu. yds
Offsite waste/borrow area location	N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County DEP sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- If houses are to be constructed on an "As-Sold" basis, at Pardon, Single Lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below). N/A
- The total amount of straw bale dikes/silt fence equals 1140 L.F.

**CONSTRUCTION SEQUENCE:**

A.	No. of Days
Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.	7
Excavate for foundations and Rough Grade & temporarily stabilize.	30
Construct Structures, Sidewalks and Driveways.	120
Final Grade and stabilize in accordance with Stds. & Specs.	30
Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.	7

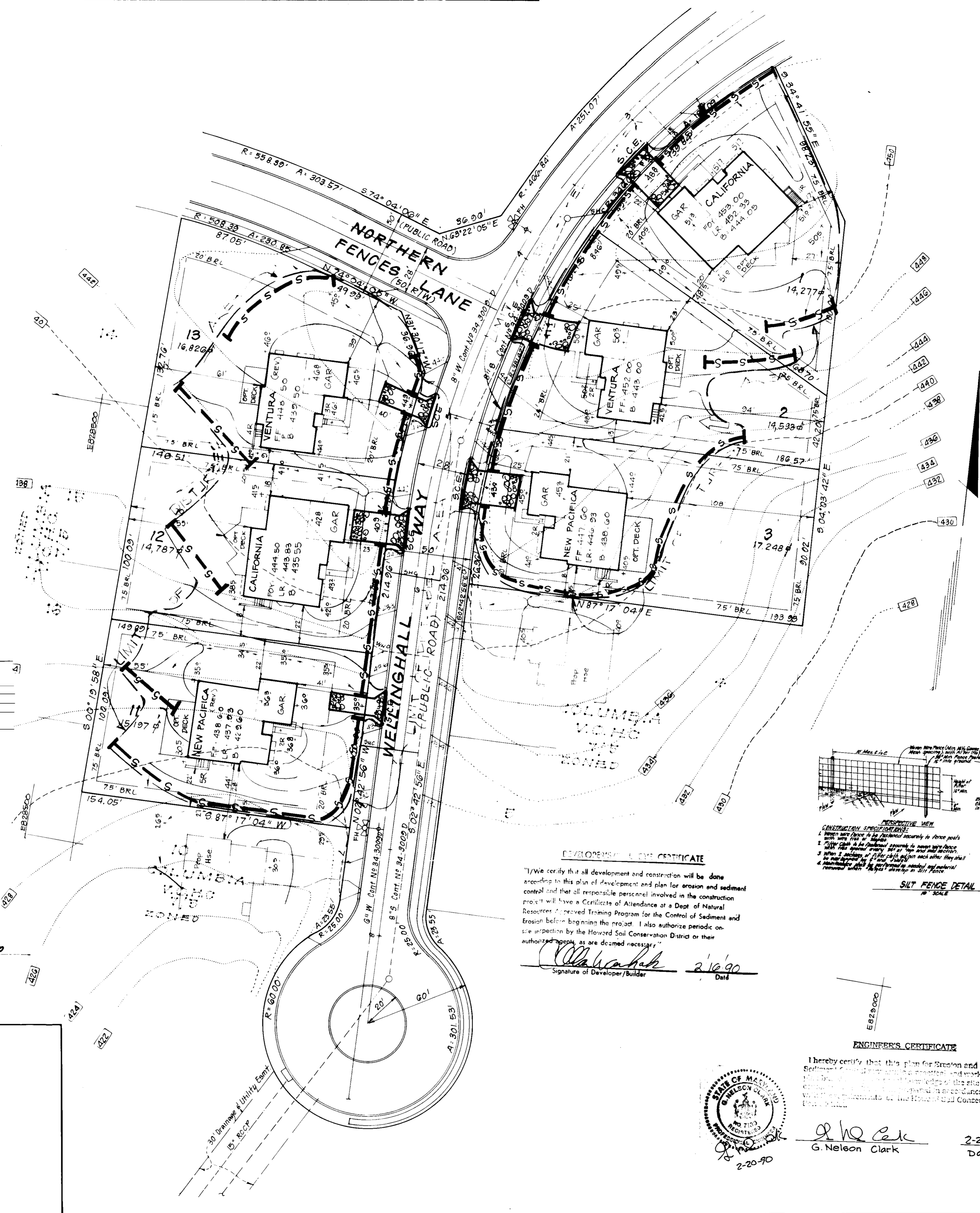
Reviewed for Howard S.C.D.  
 and meets minimum requirements  
 U.S. Soil Conservation Service  
 Date: 4/9/90

APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Date: 4/9/90

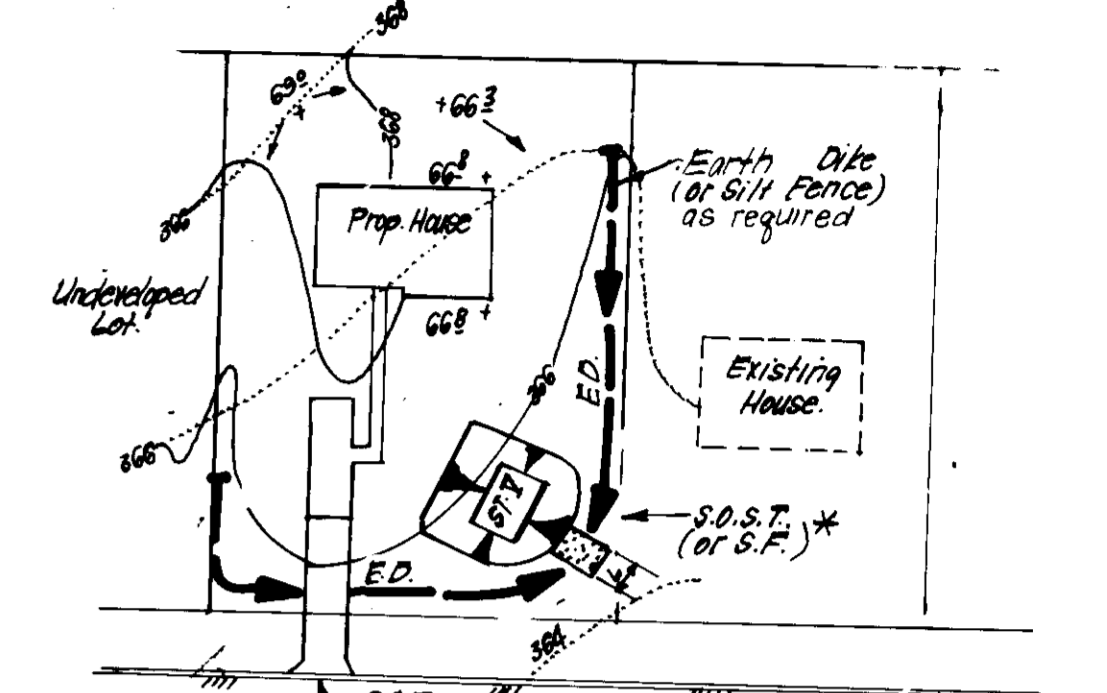
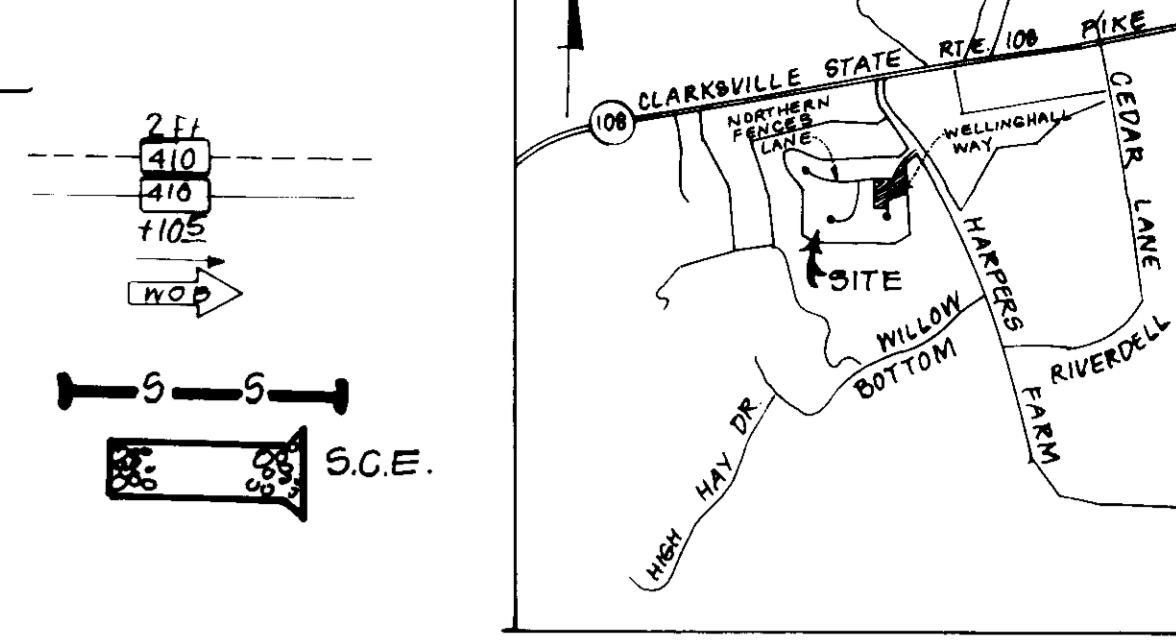
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 Date: 4-17-90

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Date: 4/24/90

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Date: 4/12/90

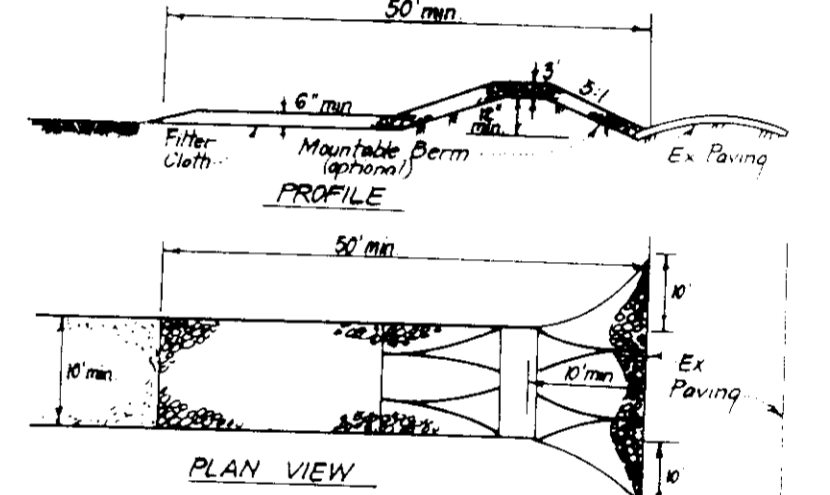


**LEGEND**  
 Contour Interval: 2' LI  
 Existing Contour: 4' LI  
 Proposed Contour: 1' LI  
 Spot Elevation: 102  
 Direction of Drainage: [Arrow]  
 Walk-out basement: [Symbol]



\* NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing a sediment trap.

**SINGLE LOT SEDIMENT CONTROL PLAN**  
 NO SCALE



**CONSTRUCTION SPECIFICATIONS:**

- Stone size - Use 2" stone or equivalent or recycled concrete equivalent.
- Length - As required, but not less than 50 feet. Exception on a single residence lot where a 30 foot maximum length would apply.
- Thickness - Not less than six (6) inches.
- Width - Ten (10) feet minimum, but not less than the full width at 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 a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mound of earth with 5' slopes 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 top dressing with additional stone as conditions demand and/or use of a "water bar" or "water trap" at any entrance where to trap sediment. All sediment applied, dropped, 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 in an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**  
 NO SCALE

**DEVELOPER'S CERTIFICATE**

"I 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: 2/16/90

**ENGINEER'S CERTIFICATE**

"I hereby certify that this plan for Erosion and Sediment Control is a true and correct representation of the site conditions and that the same conform to the standards and specifications of the Howard Soil Conservation District."  
 Signature: G. Nealon Clark  
 Date: 2-20-90



<b>OWNER / DEVELOPER</b> HOWARD RESEARCH AND DEVELOPMENT LAND CO. 20215 Little Patuxent Pkwy Columbia, MD 21044	<b>Subdivision Name:</b> COLUMBIA <b>Village of Hickory Ridge</b>	<b>Section / Area / Lots:</b> 7 5 1-3 & 11-13
<b>Plat No:</b> 9317 <b>Block No:</b> 15-17 <b>Zone:</b> W.S.F.L.D.	<b>Tax Map No:</b> 20 <b>Elec. Dist.:</b> 5 <b>Census:</b> 6053.01	
<b>Water Code:</b> I.O.B.	<b>Sewer Code:</b> 6740000	
<b>CLARK • FINEPROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7195 MIDWATER WAY • COLUMBIA MD 21045 • (301) 981-7500 BALTO • (301) 621-8100 WASH.		
<b>DESIGNED:</b> K.I.V.M.	<b>SEDIMENT AND EROSION CONTROL PLAN</b>	<b>SCALE:</b> 1" = 30'
<b>DRAWN:</b> VLB GES	<b>LOTS 1-3 AND 11-13</b>	<b>DRAWING:</b> 2 of 2
<b>CHECKED:</b> K.I.V.M.	<b>COLUMBIA</b>	<b>JOB NO:</b> 90-028
<b>DATE:</b> Feb 16, 1990	<b>VILLAGE OF HARPERS CHOICE</b>	<b>FILE NO:</b> 90-028SE
	<b>SECTION 7 AREA 5</b>	
	<b>5TH ELECTION DISTRICT</b>	
	<b>HOWARD COUNTY, MARYLAND</b>	
	<b>For: Allan Homes Inc.</b>	
	<b>P.O. Box 1058</b>	
	<b>Columbia, MD 21044</b>	