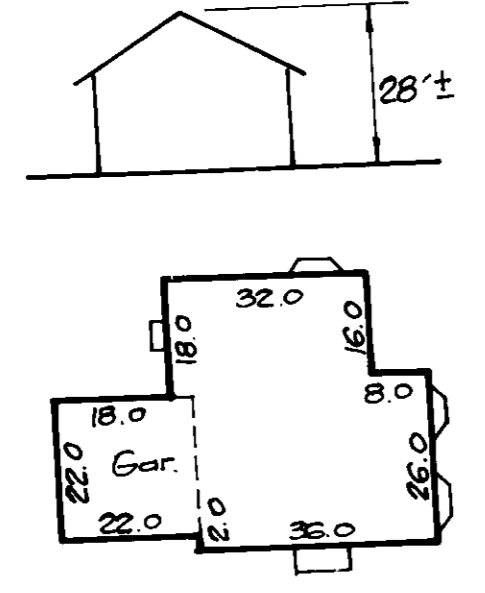
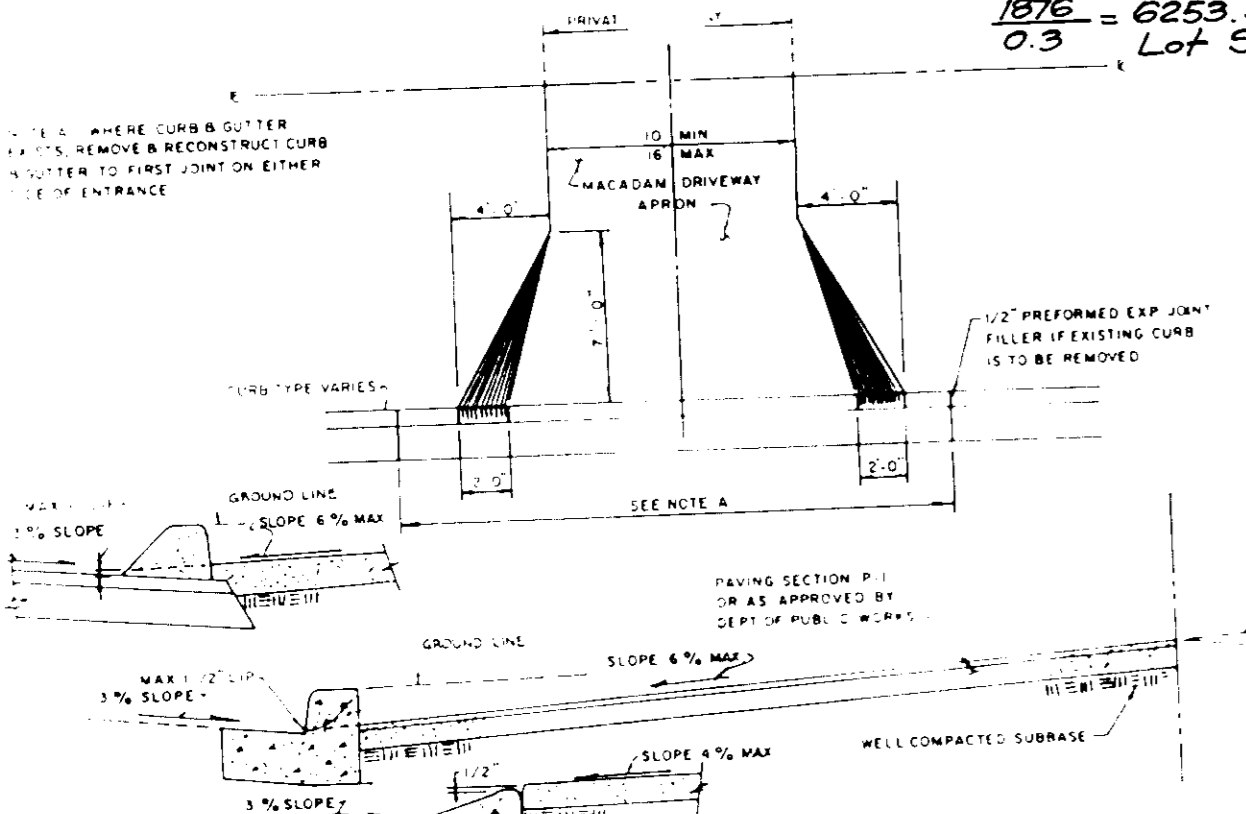


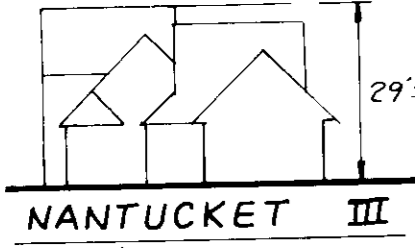
LOT No	STREET ADDRESS
36	5129 Northern Fences Lane
37	5133 " " " "
38	5137 " " " "



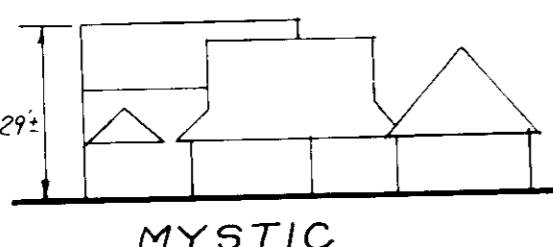
**COURTNEY JOYCE**  
1876 = 6253 sq ft Min. Lot Size  
0.3



**DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMB CURB & GUTTER NO SIDEWALK**



**NANTUCKET III**  
2409 = 8030 sq ft Min. Lot Size  
0.3

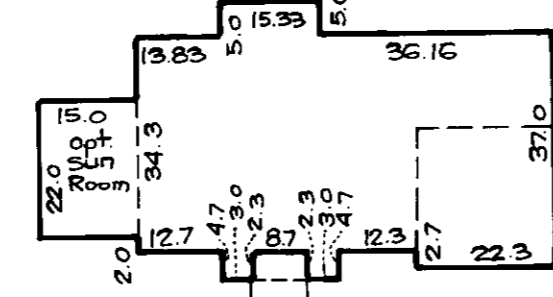


**MYSTIC**  
2619.04 = 8720.13 sq ft Min. Lot Size  
0.3

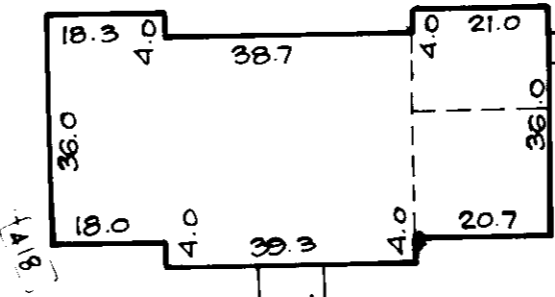
**TYPICAL HOUSES**

Scale 1" = 30'  
NOTE: All units have 1" roof eaves, front & rear.

**HOBBITS GLEN GOLF COURSE LOT 4 PLAT NO. G970 ZONED: NEW TOWN OPEN SPACE**



**G III**  
2735 = 9115.67 sq ft Min. Lot Size  
0.3 w/all options



**F II**  
2808 = 9360 sq ft Min. Lot Size  
0.3

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 4-17-90  
COUNTY HEALTH OFFICER DATE

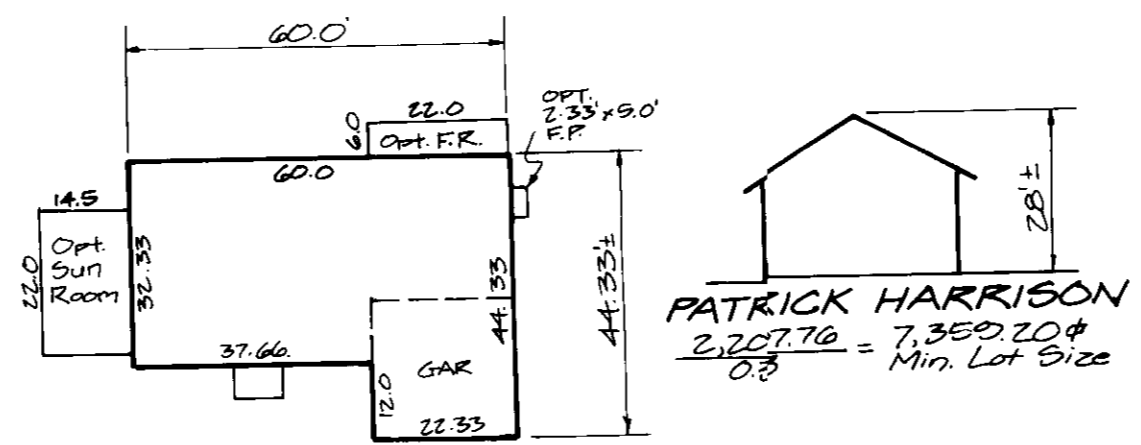
APPROVED: HOWARD COUNTY DEPT OF PLANNING & ZONING  
*[Signature]* 4/24/90  
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 4/24/90  
DIRECTOR DATE

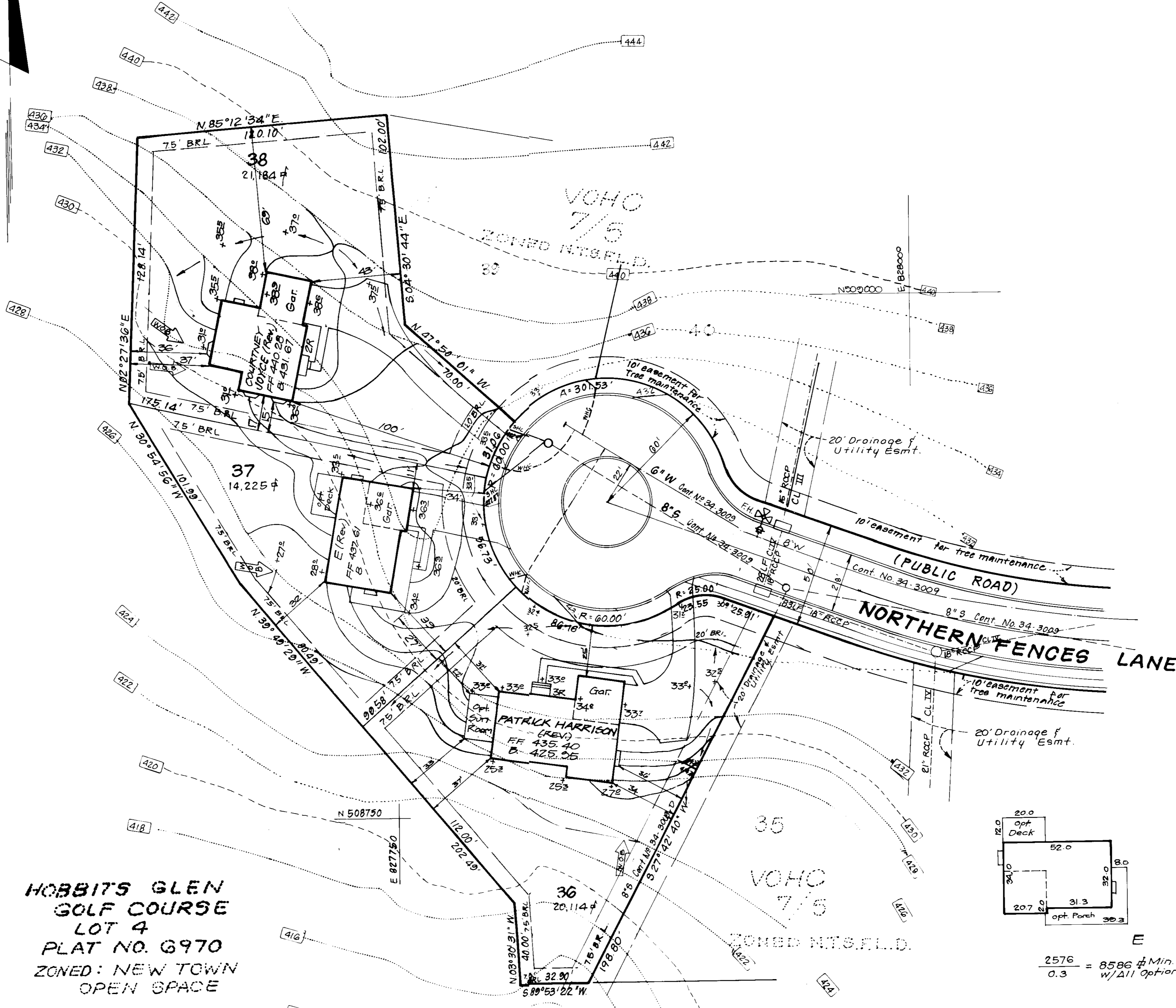
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
DATE 4/24/90

CHIEF BUREAU OF ENGINEERING  
DATE 4/24/90

No	REVISION	Date
3	Rev hse type on lot 36, Add Patrick Harrison hse type	8-16-95
2	Rev hse type on lot 38, Add hse. typical	4-10-95
1	Rev hse type on lots 36-38	6-30-92

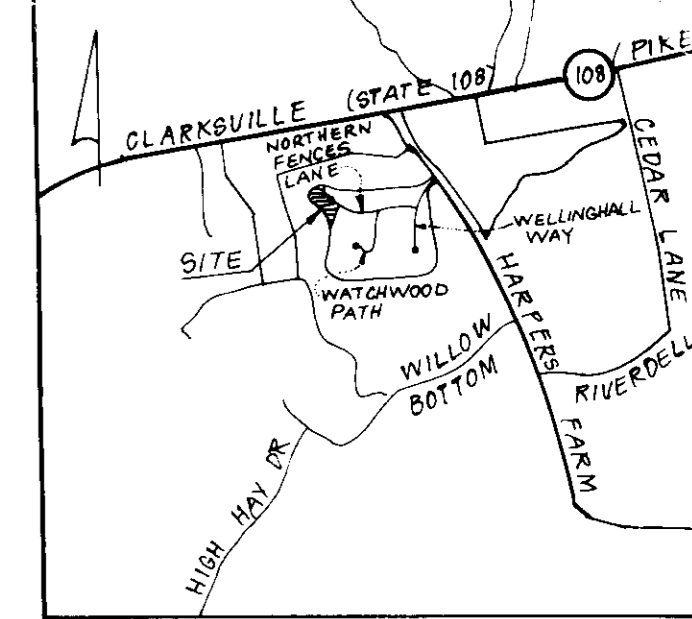
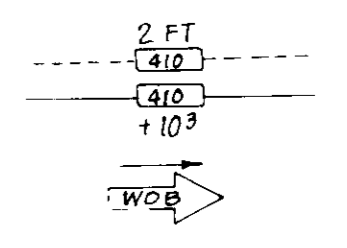


**PATRICK HARRISON**  
2167.76 = 7,389.20 sq ft Min. Lot Size  
0.3



**LEGEND**

- Contour Interval
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Walk out Basement



**VICINITY MAP**  
Scale: 1" = 2000'

**GENERAL NOTES**

- Horizontal and Vertical control shown hereon is based upon Howard County Geodetic Control Stations 2730002 & 2730008
- Subject property zoned N.T.S.F.L.D. per 8-2-85 comprehensive zoning plan and F.D.P. 204
- The 9WM requirements for the subject property have been waived as per D.P.W. action dated Sept 6, 1988
- O.P.Z. File Nos approved Sept 29, 1988 are: S-88-101, P-88-45, W.P. 88-14 & F-90-06
- Total number of lots: 3
- Total area of lots: 1.27 AC.
- Single Family Detached.
- Topography taken from Road Construction drawings F-90-06 prepared by Kidde Consultants, Inc.
- Any damage done to county owned rights-of-way to be corrected at Developer's Expense.
- The contractor or developer shall contact the Construction Inspection division 24 hours in advance of commencement of work at 792-2650.
- The minimum setback restrictions from property lines and the right-of-way of any public road or street to be in accordance with Recorded P.O.P. criteria, Phase 204, recorded as Plat 3054A, 1066 thru 1071.
- 10' Tree Maintenance Easement on all road frontages.

**SPECIAL NOTES**

- 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.

**ADDRESS CHART**

Lot	Street Address
36	5129 Northern Fences Lane
37	5133 " " " "
38	5137 Northern Fences Lane

OWNER/DEVELOPER Howard Research and Development Land Co. 10276 Little Patuxent Plaza Columbia, MD 21044	Subdivision Name: COLUMBIA Village of Harpers Choice Plat No 8917 Block No 15-17 Zone N7 S.F.L.D.	Sect/Area 7/5	Lots 36-38
Water Code 103	Sewer Code 6740	Elec Distr 5th	Census Tr. 6053.01

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

DESIGNED VLP	SITE DEVELOPMENT PLAN LOTS 36, 37 & 38 <b>COLUMBIA</b> VILLAGE OF HARPERS CHOICE SECTION 7 AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN G.E.S.		DRAWING 1 of 2
CHECKED VLP		JOB NO 90-026
DATE Feb 20 1990	FOR: John McDonough Builders, Inc. 6310 Stevens Forest Rd Suite 104 Columbia, Md 21045	FILE NO 90-026X

SDP- 90-157

**SEDIMENT CONTROL MEASURES**

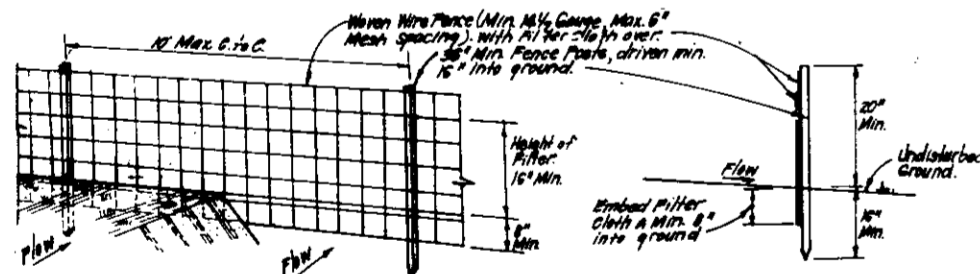
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) 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.
- 4) 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.
- 5) 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 dates do not allow for proper germination and establishment of grasses.
- 6) 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.
- 7) Site Analysis:
 

Total Area of Site	1.274 Acres
Area Disturbed	0.90 Acres
Area to be roofed or paved	0.30 Acres
Area to be vegetatively stabilized	0.60 Acres
Total Cut	623 Cu. yds
Total Fill	329 Cu. yds
Offsite waste/borrow area location	Undetermined
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment control must be provided, if deemed necessary by the Howard County DEW sediment control inspector.
- 10) 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.
- 11) If houses are to be constructed on an "As-Sold" basis, at random, single lot Sediment Control as shown below shall be implemented.
- 12) All pipes to be blocked at the end of each day (see detail below). N/A
- 13) The total amount of straw bale dikes/silt fence equals 630 L.F.

**CONSTRUCTION SEQUENCE:**

- Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
- Excavate for foundations and Rough Grade & temporarily stabilize.
- Construct Structures, Sidewalks and Driveways.
- Final Grade and stabilize in accordance with Stds. & Specs.
- Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.

No. of Days	
7	
30	
120	
30	
7	



**CONSTRUCTION SPECIFICATIONS:**

1. Straw bales shall be placed in the disturbed areas in three parallel rows with a 10' spacing between rows.
2. Filter fabric shall be placed over the straw bales.
3. Filter fabric shall be placed over the straw bales.
4. Filter fabric shall be placed over the straw bales.
5. Filter fabric shall be placed over the straw bales.
6. Filter fabric shall be placed over the straw bales.
7. Filter fabric shall be placed over the straw bales.
8. Filter fabric shall be placed over the straw bales.
9. Filter fabric shall be placed over the straw bales.
10. Filter fabric shall be placed over the straw bales.

**HOBBITS GLEN GOLF COURSE LOT 4 PLAT NO. 6970 ZONED: NEW TOWN OPEN SPACE**

**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]* 3-22-90 Date

**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT**

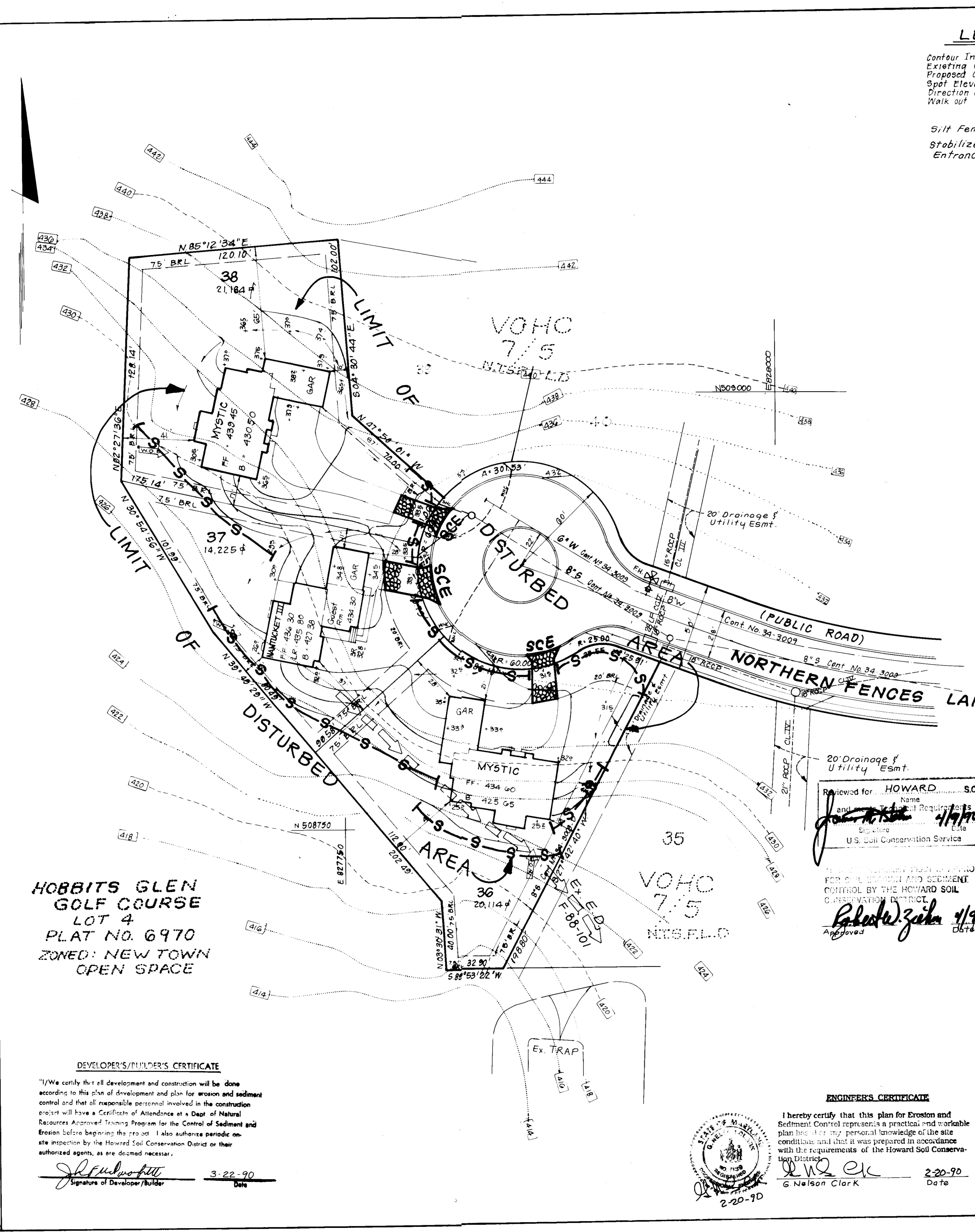
*[Signature]* 4-17-90 DATE

**APPROVED: HOWARD COUNTY DEPT OF PLANNING & ZONING**

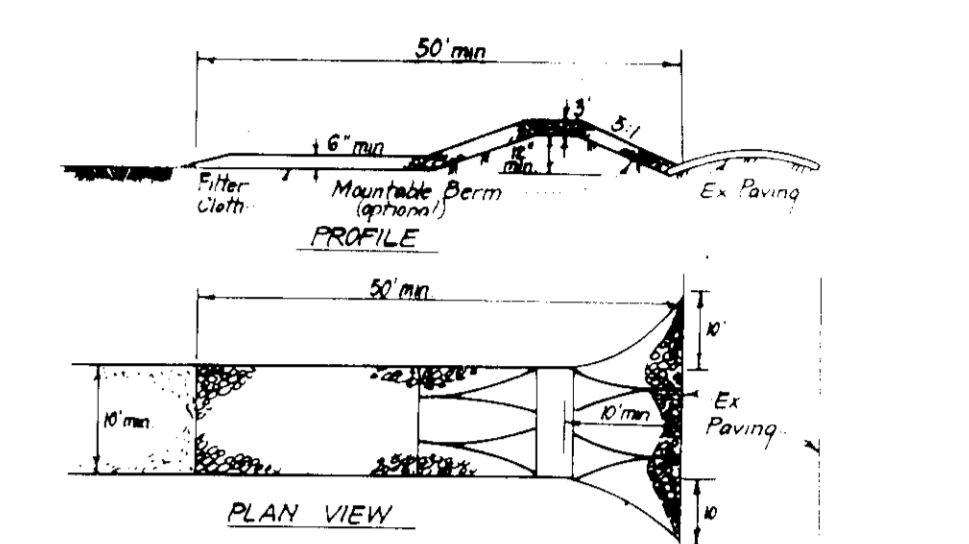
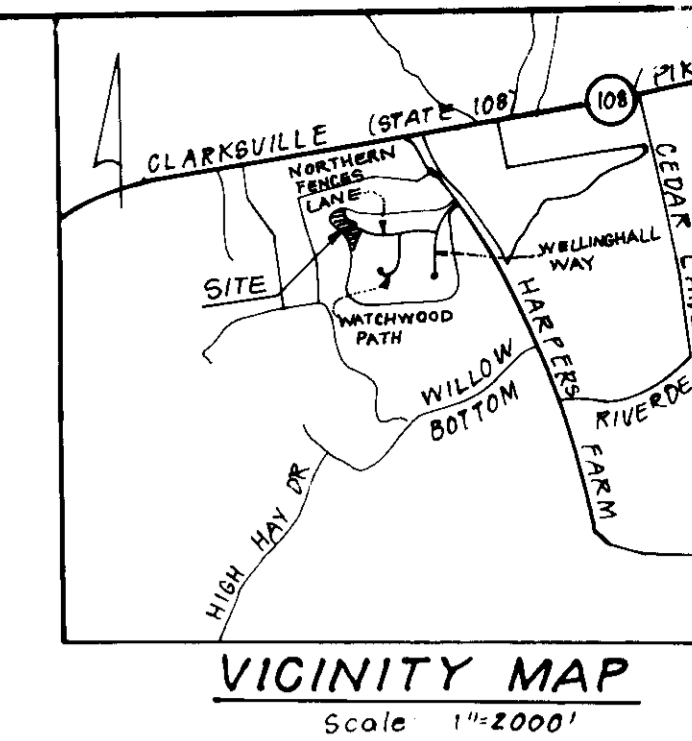
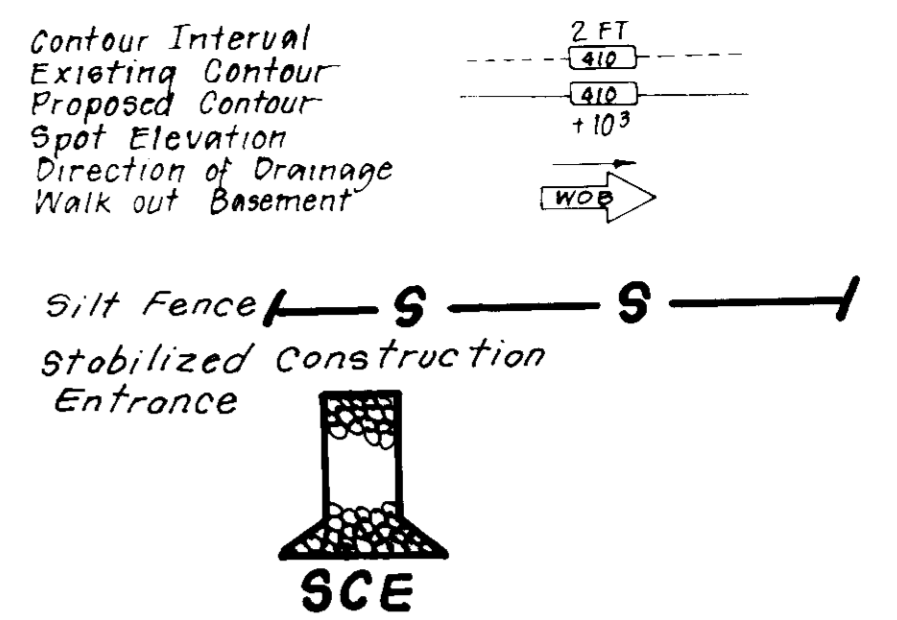
*[Signature]* 4/24/90 DATE

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

*[Signature]* 4/22/90 DATE

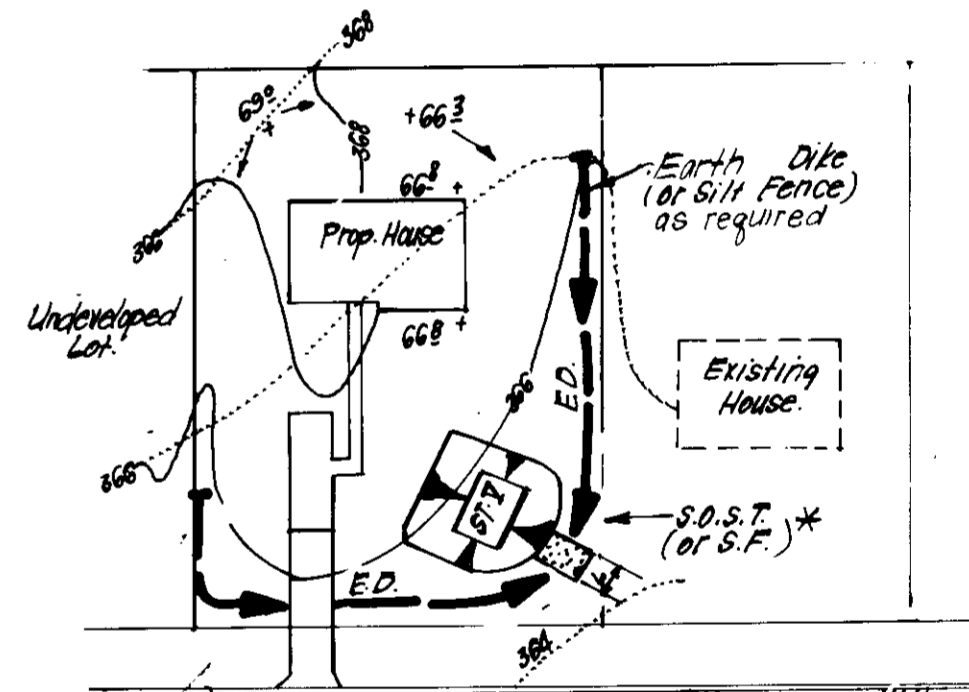


**LEGEND**



- CONSTRUCTION SPECIFICATIONS:**
1. Stone size - Use 2" stone or equivalent in recycled concrete equipment.
  2. Length - As required, but not less than 50 feet except on a single residence lot where a 30 foot minimum length would apply.
  3. Thickness - Not less than six (6) inches.
  4. Width - Ten (10) feet minimum, but not less than the full width at points where ingress or egress occurs.
  5. 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.
  6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a moundside berm with 5% slopes will be permitted.
  7. 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 grading with additional stone as conditions demand and repair work on clearance of any obstructions to trap sediment. All sediment soaked, greasy, washed or tracked onto public rights-of-way must be removed immediately.
  8. Washing - Wheels shall be cleaned to remove sediment prior to entrance into public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
  9. Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**



**SINGLE LOT SEDIMENT CONTROL PLAN**

\* 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.

NO. S.O.S.T. (ST.V)	NO. H.T.B.
LOT SIZE	1/4 AC
DEPTH	2'
LOT WIDTH	11'
LOT AREA	2.12 AC

Reviewed for HOWARD S.C.D. Name: *[Signature]* Date: 4/19/90

Approved: *[Signature]* Date: 4/19/90



**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]* 2-20-90 Date

**OWNER / DEVELOPER**  
Howard Research and Development Land Co.  
1027B Little Patuxent Pkwy  
Columbia, MD 21044

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINISTREL WAY • COLUMBIA MD 21045 • (301) 381-7600 BALTO • (301) 621-8100 WASH

**DESIGNED: KIWM**  
**DRAWN: BAK**  
**CHECKED: KIWM**  
**DATE: Feb 20 1990**

**SEDIMENT & EROSION CONTROL PLAN**  
LOTS 30, 37 & 38  
**COLUMBIA**  
VILLAGE OF HARPERS CHOICE  
SECTION 7 AREA 5  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**SCALE: 1"=30'**  
**DRAWING: 2 of 2**  
**JOB NO: 90-026**  
**FILE NO: 90-0269E**

For: John M'Donogh Builders, Inc.  
6310 Stevens Forest Rd. Suite 104  
Columbia, Md 21045