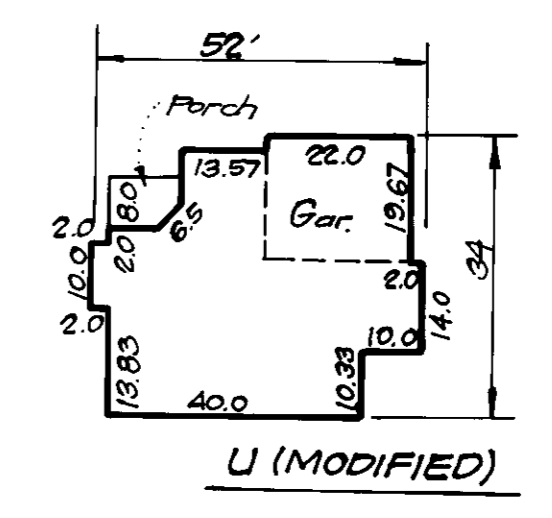
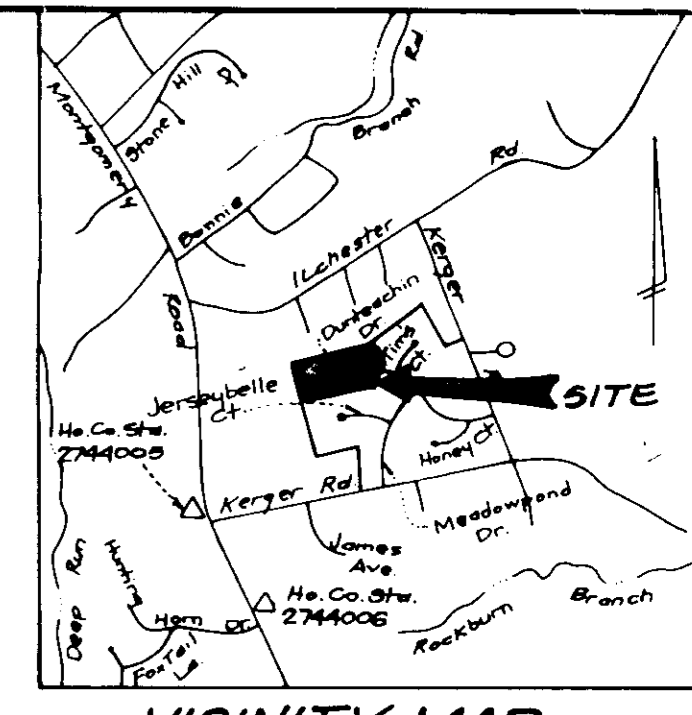


No	REVISIONS	Date
1	Rev. hse. & grd. lot 77	8-8-94
2	Rev. hse. & grd. lot 78	7-14-95
3	Add Durham hse. type	2-25-97
4	Rev. hse. & grd. lot 75, Add hse. typical	8-5-97

LEGEND

Contour Interval 2 Ft
 Existing Contour 10
 Proposed Contour 10
 Spot Elevation +10
 Direction of Drainage
 Existing Trees to be saved
 Tree Protection Fence
 Proposed Grading As Per SDP 99-123

LOT NUMBER	STREET ADDRESS
72	5363 DUNTEACHIN DRIVE
73	5367 " "
74	5371 " "
75	5375 " "
76	5379 " "
77	5383 " "
78	5387 " "



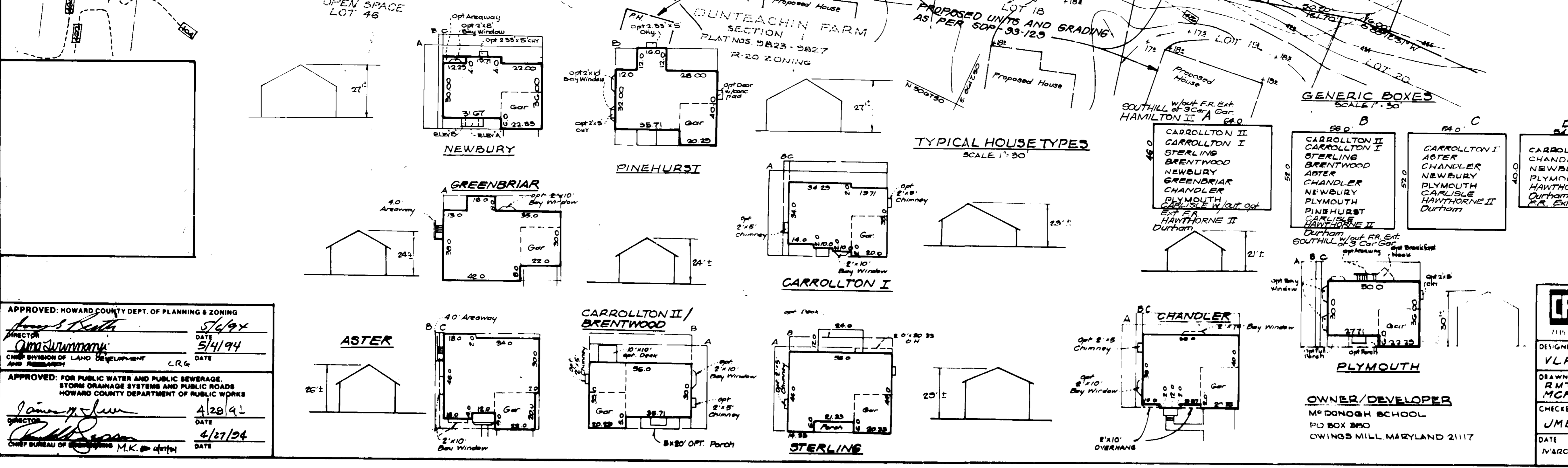
- GENERAL NOTES:**
- Subject property is zoned: R-20 per 10-18-95 Comprehensive Zoning Plan.
 - The total area included in this submission is: 5.88 AC.
 - The total number of lots included in this submission are: 16.
 - Improvement to property: Single family detached.
 - Department of Planning and Zoning reference file numbers are: 5-88-113, P-89-43, F-90-101, #14-3034-D WS.
 - Utilities shown as existing are taken from approved water and sewer plan Contract #14-3034-D, approved road construction plans F-90-101, and actual field survey.
 - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - Storm water management is provided per: F-90-101.
 - All roadways are public and existing.
 - The existing topography shown was taken from road construction plans F-90-101 prepared by Deberry and Davis, Inc.
 - The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2744005 & 2744006.
 - The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 512-8130 at least five (5) working days prior to the start of work.
 - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
 - In accordance with Sections 12B A, B and C of the Zoning Regulations, bay windows or chimneys not more than 10 feet in width may project not more than 4 feet into any setbacks, porches and decks may project not more than 10 feet into the front or rear setback.
 - For driveway entrance details, refer to Ho. Co. Design Manual Volume II, detail R-G-01.
 - The wetland/stream buffer indicated on this plan does not affect the initial construction of a residential unit on any lot it does prohibit subsequent clearing, grading or construction in the buffer area. Maintenance of residences, landscaping and utilities is permitted.
 - Temporary grading measurement to be null and void at each time the area is stabilized and all other mention contractors are removed.

SPECIAL NOTES:

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-90-101 and/or approved Water and Sewer Plans Contract #14-3034-D-WS. SMC elevations shown are of the property line.

SHEET INDEX

Sheets 1 & 2 Site Development Plan
 Sheets 3, 4 & 5 Sediment and Erosion Control Plan



GENERIC BOXES
SCALE 1" = 30'

Box	Dimensions	Notes
A	34'0" x 37'10"	Opt. 2' x 10' Bay Window
B	34'0" x 37'10"	Opt. 2' x 10' Bay Window
C	34'0" x 37'10"	Opt. 2' x 10' Bay Window
D	34'0" x 37'10"	Opt. 2' x 10' Bay Window

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *[Signature]* DATE: 5/4/94
 Chief Division of Land Development and Research: CRG

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *[Signature]* DATE: 4/28/94
 Chief Bureau of Engineering: M.K. *[Signature]* DATE: 4/27/94

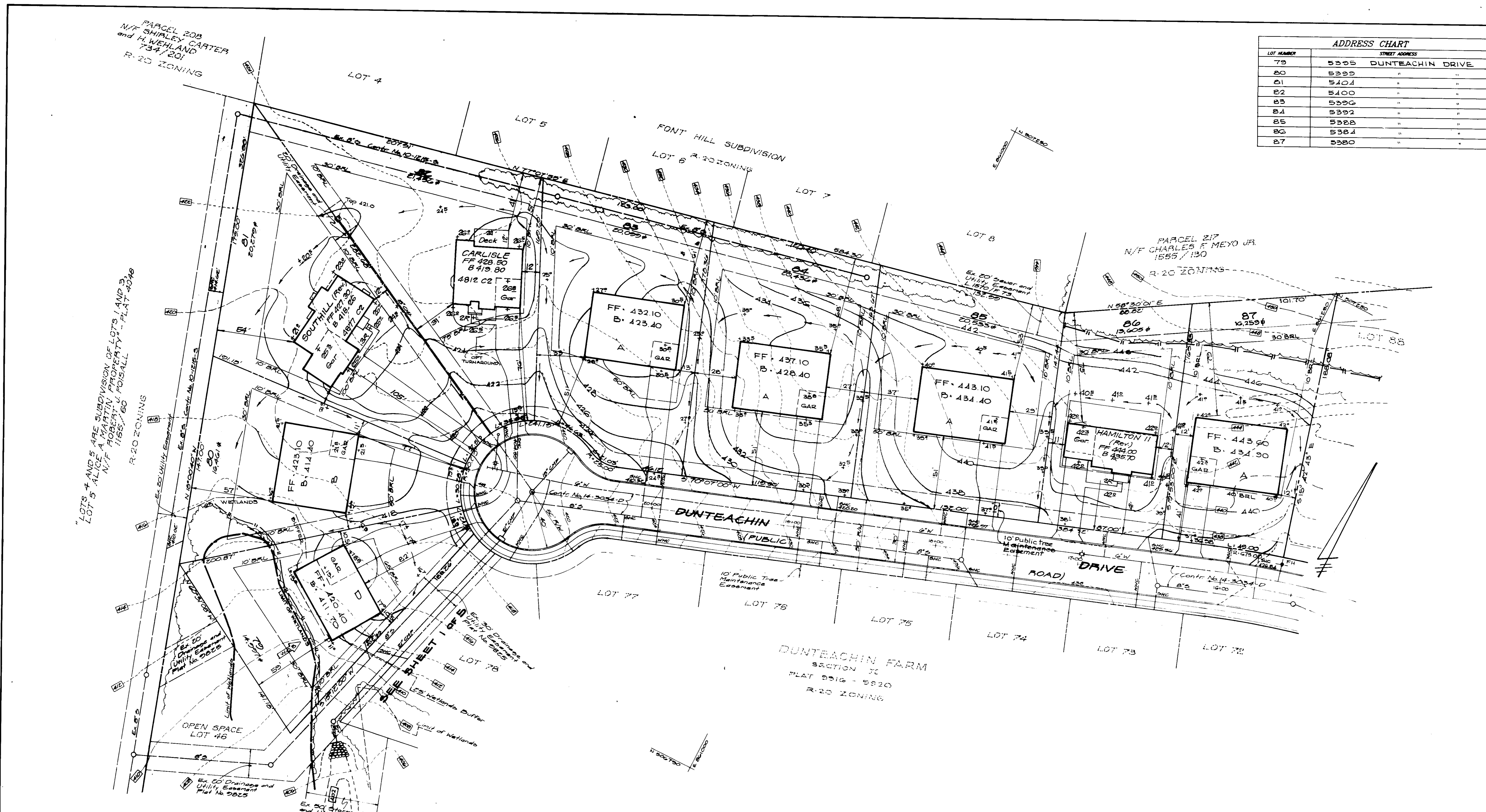
CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

7155 MINNIE WAY • COLUMBIA, MD 21046 • PHONE: (410) 271-1100 • FAX: (410) 271-1101

DESIGNED VLP	SITE DEVELOPMENT PLAN LOTS 72 thru 87 DUNTEACHIN FARM SECTION TWO 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN EMT MCR		DRAWING 1 OF 5
CHECKED JME		JOB NO 99-113
DATE MARCH 94		FILE NO 99-113 X

OWNER/DEVELOPER
 McDONOUGH SCHOOL
 PO BOX 290
 OWINGS MILL, MARYLAND 21117

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
79	5395 DUNTEACHIN DRIVE
80	5399 " " "
81	5404 " " "
82	5400 " " "
83	5396 " " "
84	5392 " " "
85	5388 " " "
86	5384 " " "
87	5380 " " "



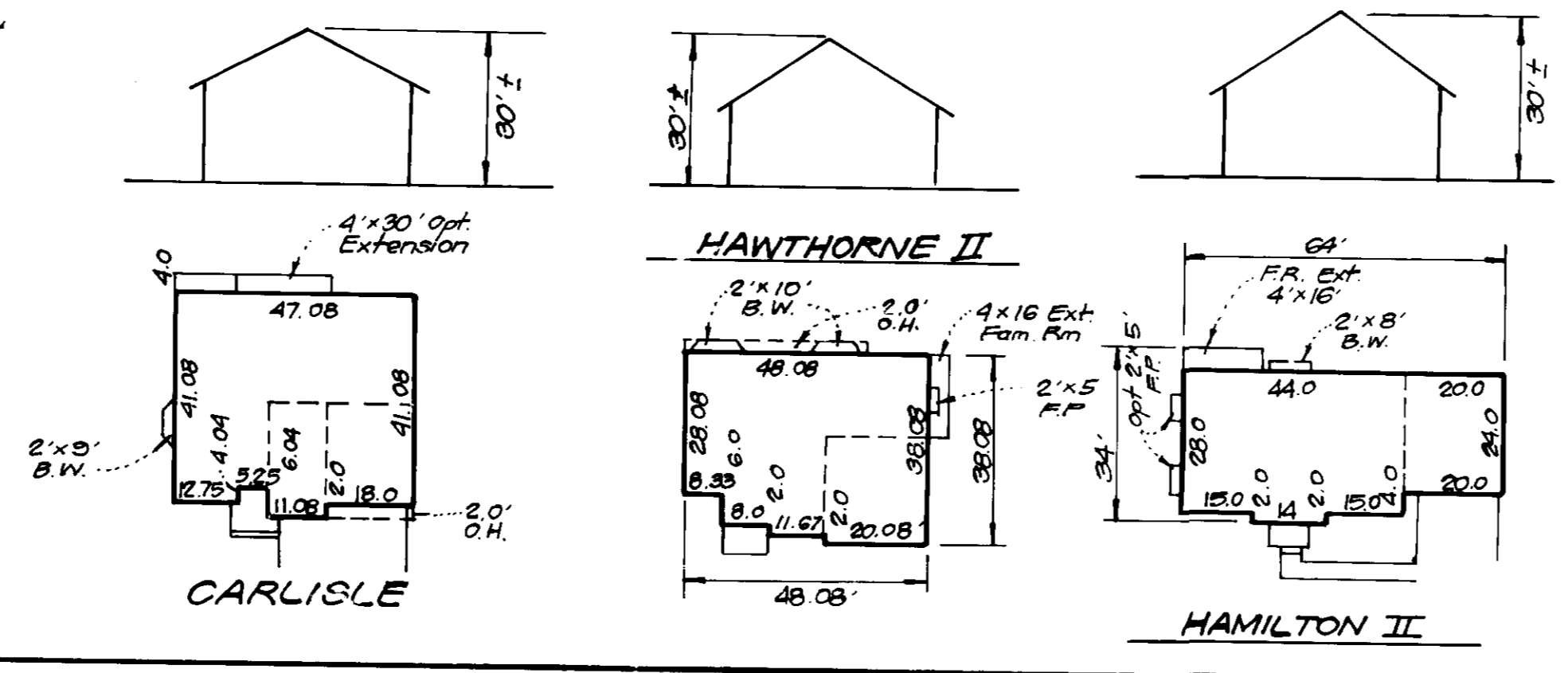
LOTS 4 AND 5 ARE SUBDIVISION OF LOTS 1 AND 2 N/F SHIRLEY CARTER and H. WEHLAND 734,1201 R-20 ZONING

PARCEL 217 N/F CHARLES F. MEYER JR. 1555/1130 R-20 ZONING

DUNTEACHIN FARM SECTION II PLAT 5516 - 5520 R-20 ZONING

OWNER/DEVELOPER
 M. DORRIS & SONS
 185 BOX 985
 OWING MILLS, MARYLAND 21117

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *Howard K. Smith* 5/6/94
 Chief of Division: *Chris Stumm* 5/4/94
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *Laura J. Lee* 4/28/94
 Chief Bureau of Engineering: *Bill Spear* 4/27/94



NO	REVISIONS	Date
5	Rev. hse. f. grad. lot 86	3-22-97
4	Rev. fsc. f. grad. lot 82	3-12-97
3	Rev. hse. f. grad. lot 81	2-25-97
2	Add Hawthorne II hse. type	9-26-96
1	Rev. hse. f. grad. lot 81	8-23-96

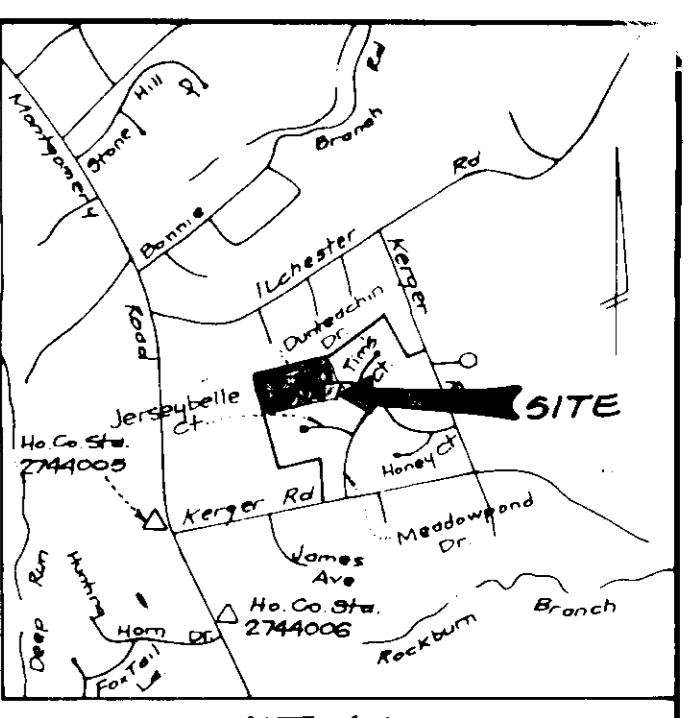


CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINISTREL WAY • COLUMBIA MD 21045 • 14100 BIRCHWOOD BALTO • 1101 621 BUNN WASH

DESIGNED VLP	SITE DEVELOPMENT PLAN LOTS 72 thru 87 DUNTEACHIN FARM SECTION TWO 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR DOUGLAS HOMES PO Box 628 ELICOTT CITY, Md 21043	SCALE 1" = 30'
DRAWN RMT MCA		DRAWING 2 OF 5
CHECKED JME		JOB NO 95 117
DATE MARCH 94		FILE NO 95 115 X

LEGEND

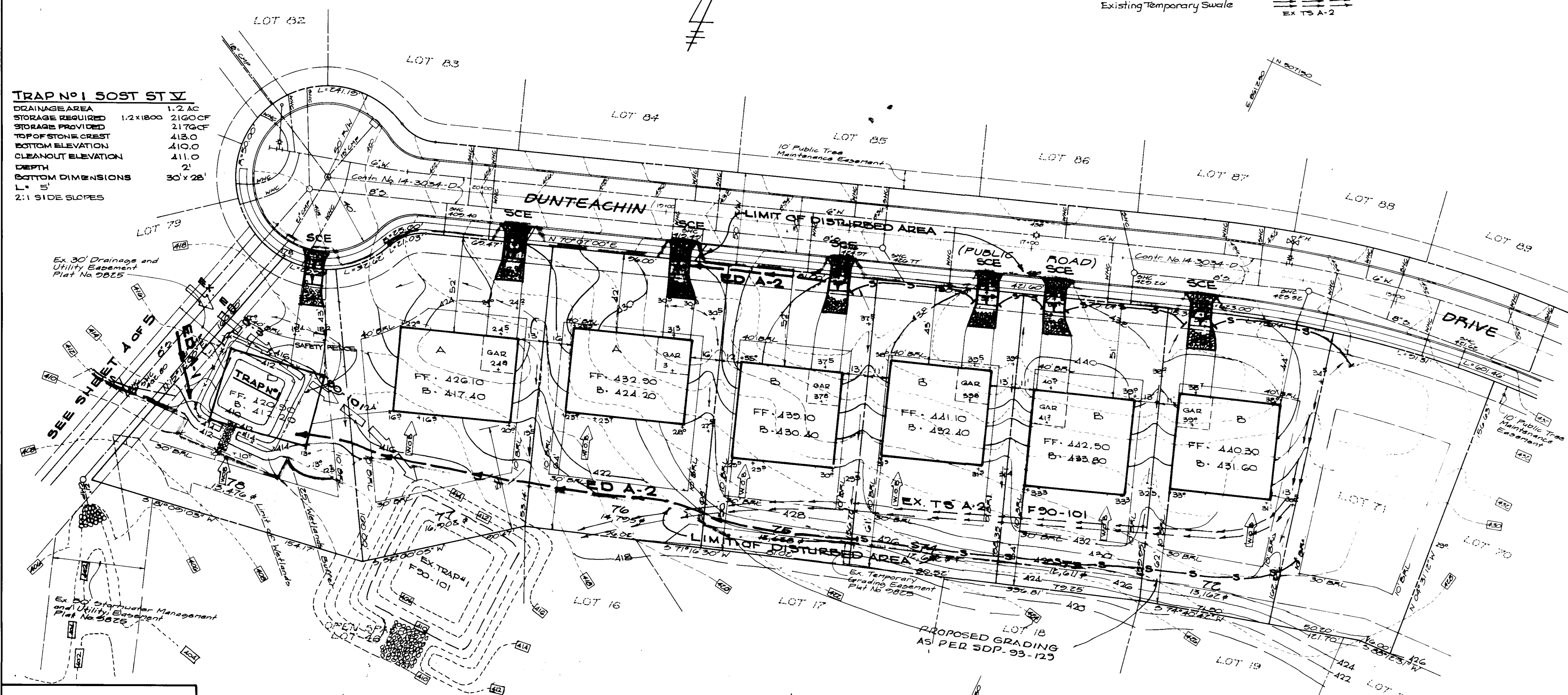
- Contour Interval 2 Ft
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Existing Trees to be saved
- Tree Protection Fence
- Existing Earth Dike
- Earth Dike
- Stabilized Construction Entrance w/ maintainable Berm.
- Silt Fence
- Existing Temporary Swale



VICINITY MAP
Scale: 1" = 2000'

Ho Co Control Station 2744006 - Elev 419.625 3/4' rebar 0.6' below surface 10' W edge of Route 103 & 80' N of C of Kerger Road
 Ho Co Control Station 2744006 - Elev 400.537 Conc Man 0.4' below surface 8' E of Route 103 & 700' E of Kerger Rd 18.3' E. of E. Route 103.

TRAP NO 1 SOST ST V
 DRAINAGE AREA 1.2 AC
 STORAGE REQUIRED 21600 CF
 STORAGE PROVIDED 21700 CF
 TOP OF STONE CREST 413.0
 BOTTOM ELEVATION 410.0
 CLEANOUT ELEVATION 411.0
 DEPTH 2'
 BOTTOM DIMENSIONS 30' x 28'
 L * 5'
 2:1 SIDE SLOPES



NOTE: BUILDER IS RESPONSIBLE FOR CLEANING ANY SEDIMENT ATTRIBUTED TO THIS SITE FROM THE RECEIVING STORMWATER MANAGEMENT STRUCTURES.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *[Signature]* 5/6/94
 Chief of Division: *[Signature]* 5/14/94
 APPROVED: FOR PUBLIC WATER AND PUBLIC BEVERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 Director: *[Signature]* 4/28/94
 Chief Bureau of Engineering: *[Signature]* 4/27/94

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
 Signature: *[Signature]* Date: 4/28/94
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature: *[Signature]* Date: 4/28/94
 Approved

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 sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment 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: *[Signature]* Date: 3/2/94

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion 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: 3/2/94

[Handwritten Signature]
 3/2/94

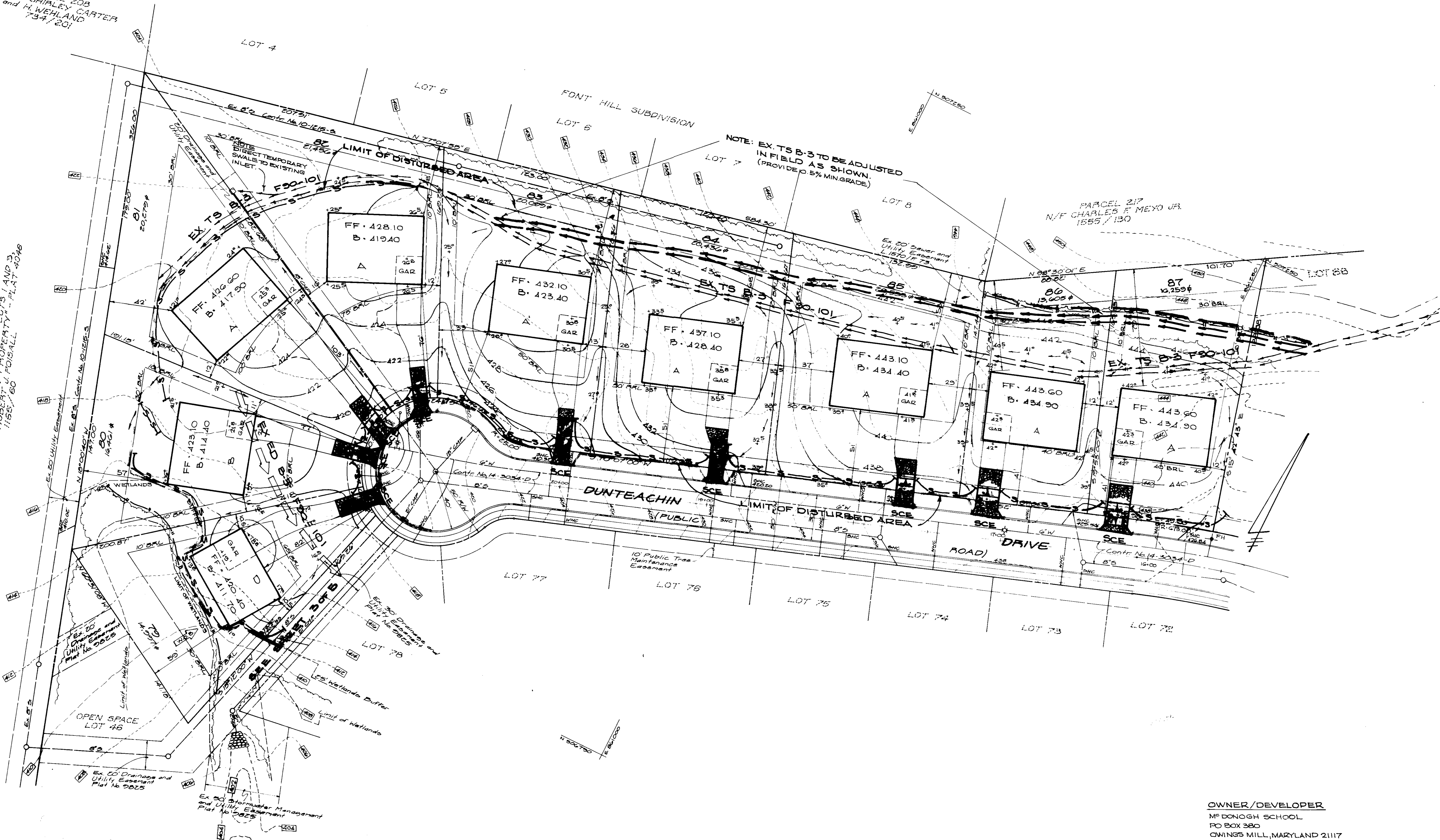
OWNER/DEVELOPER
 McDONOUGH SCHOOL
 PO BOX 280
 OWINGS MILL, MARYLAND 21117

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 710 MINTHILL WAY • COLUMBIA, MD 21047 • 410-278-1100 • BALTO • 410-278-1100 • WASH DC		
DESIGNED J.L.S.	SEDIMENT AND EROSION CONTROL PLAN LOTS 72 thru 87 DUNTEACHIN FARM SECTION TWO 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30' DRAWING 3 OF 5 JOB NO 93-113
DRAWN R.M.T. M.C.B.		FILE NO 93-113-35E
CHECKED J.L.S.		
DATE MARCH 94	FOR DOUGLAS HOMES PO Box 628 Ellicott City, Md 21043	

PARCEL 203
N/F SHIRLEY CARTER
and H. WEHLAND
734/201

PARCEL 217
N/F CHARLES F. MEYER JR.
1855/130

LOTS 4 AND 5 ARE SUBDIVISION OF LOTS 1 AND 3
N/F ROBERT U. FORBELL
1155/160



APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *[Signature]* DATE: 4/6/94
 Chief of Research: *[Signature]* DATE: 5/4/94
 Chief Division of Land Development and Research
 Approved: FOR PUBLIC WATER AND PUBLIC SEWAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *[Signature]* DATE: 4/28/94
 Chief Bureau of Engineering M.K. 4/27/94

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
[Signature] DATE: 4/6/94
 US Soil Conservation Service

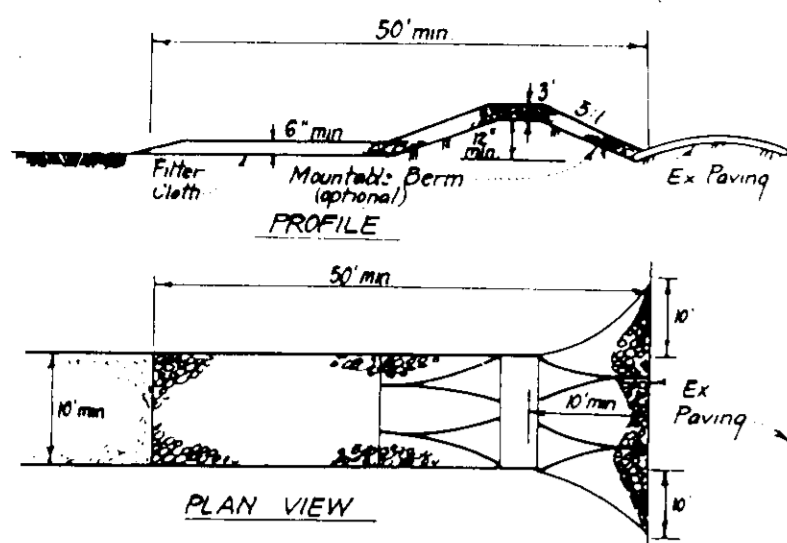
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
[Signature] Approved

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 sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment 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: *[Signature]* Date: 3/2/94

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion 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: 3/1/94

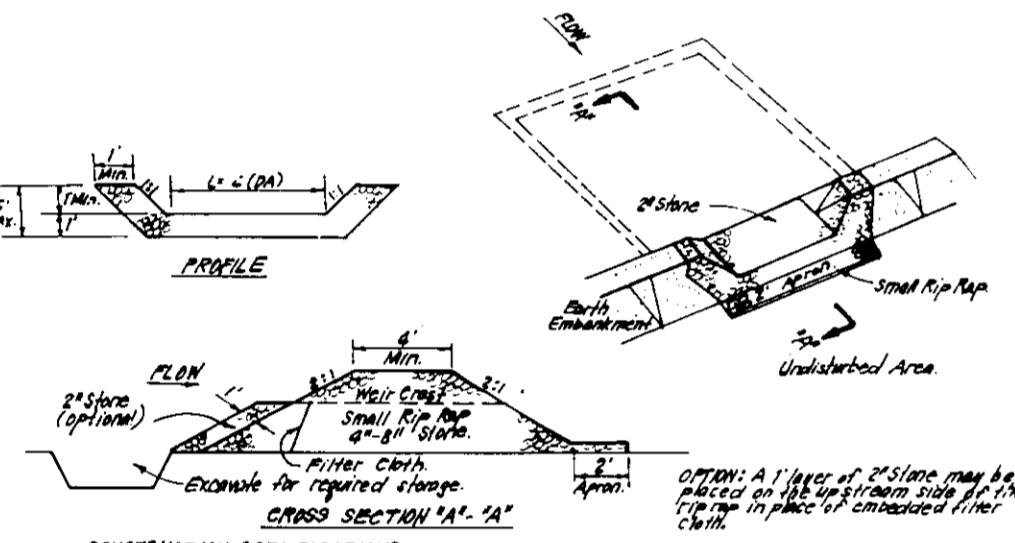


CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21046 • (410) 391-7500 • FAX (410) 391-7501 • (410) 391-7502 • WASH. DC OFFICE: (202) 462-1100		
DESIGNED J.L.S.	SEDIMENT AND EROSION CONTROL PLAN LOTS 72 thru 87	SCALE 1" = 30'
DRAWN R.M.T. MCA	DUNTEACHIN FARM SECTION TWO	DRAWING 4 OF 5
CHECKED J.L.S.	1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 93113
DATE MARCH, 94	FOR DOUGLAS HOMES PO Box 628 Flinchbaugh City, Md 21043	FILE NO. 93113SE



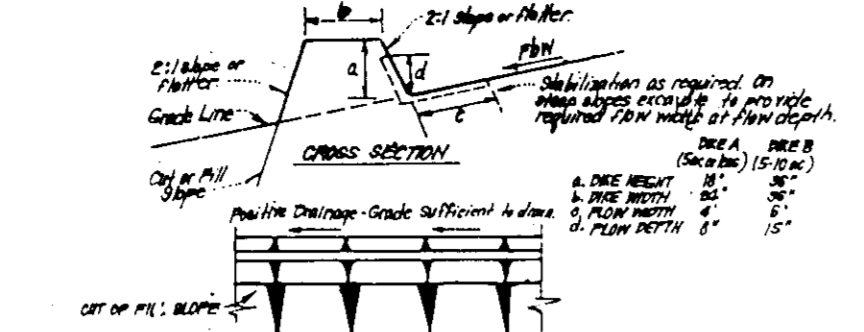
- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone or equivalent or recycled concrete equivalent.
 - Length - As required, but not less than 10 feet (except on a simple residence lot where a 50 foot maximum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) 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 over a simple 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 mounded berm with 5' setback will be provided.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or clearing of any measures used to trap sediment. All sediment tracked, dragged, 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 drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE



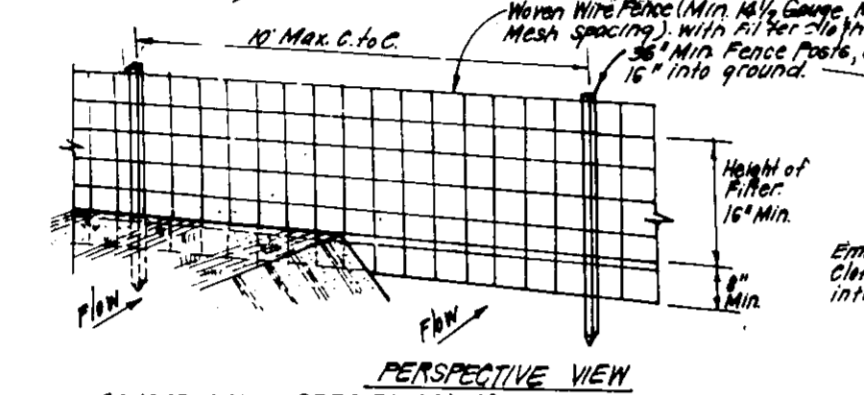
- CONSTRUCTION SPECIFICATIONS:**
- How many basins shall be checked, washed and stripped of any vegetation and road dirt. The structure shall be checked for the construction shall be free of rocks and other nearby vegetation as well as any other debris that may be present in other undesirable material. The construction shall be completed by installing with a minimum of 10' of stone.
 - The S.O.S.T. shall be checked for the construction shall be free of rocks and other nearby vegetation as well as any other debris that may be present in other undesirable material. The construction shall be completed by installing with a minimum of 10' of stone.
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STONE OUTLET SEDIMENT TRAP (S.O.S.T.) STY
NO SCALE



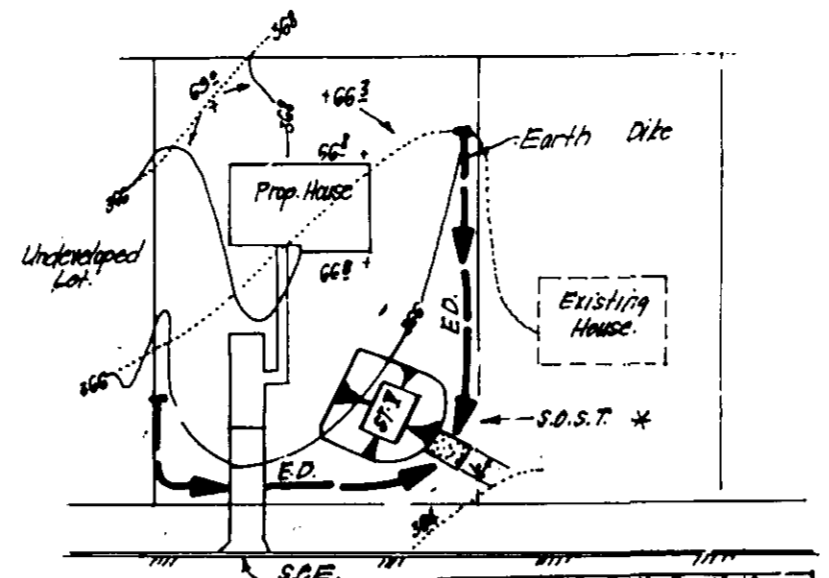
- CONSTRUCTION SPECIFICATIONS:**
- All sites shall be checked by earth moving equipment.
 - All sites shall have a minimum drainage to an outlet.
 - The width may be wider and site slopes may be steeper if desired, to facilitate drainage to the drainage device.
 - Block stabilization shall be installed as needed to utilize a stabilized site with a minimum of 10' of stone.
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BLOCK CHANNEL STABILIZATION
NO SCALE



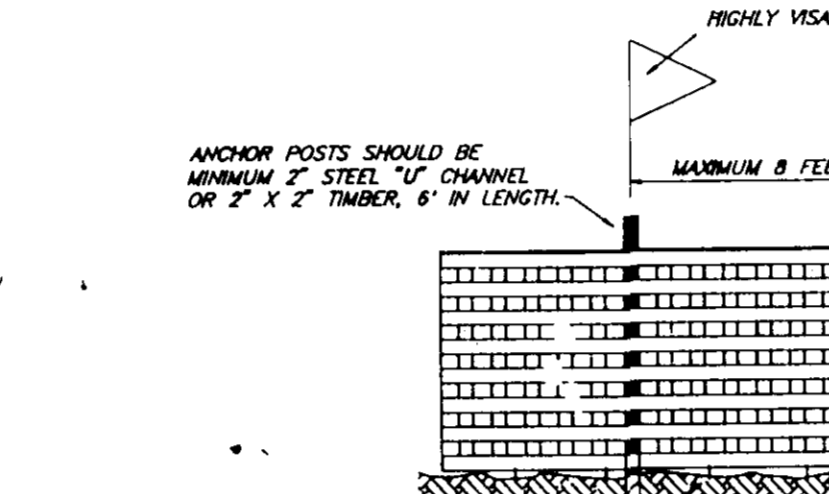
- CONSTRUCTION SPECIFICATIONS:**
- When wire fence is to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth is to be fastened securely to prevent wire fence from being blown away by wind.
 - When 2 sections of filter cloth are used, they shall be overlapped by 6" and stapled.
 - Maintenance shall be performed as needed and material removed when "balding" develops in Silt Fence.

SILT FENCE DETAIL (S)
NO SCALE



- * 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



- ANCHOR POSTS SHOULD BE MINIMUM 2" STEEL 1/2" CHANNEL OR 2" X 2" TIMBER, 6' IN LENGTH.**
- USE 6" WIRE 1/2" TO SECURE FENCE BOTTOM.**
- ANCHOR POSTS MUST BE INSTALLED TO A DEPTH OF NO LESS THAN 1/3 OF THE TOTAL HEIGHT OF THE POST.**

BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL
NO SCALE

- NOTES:**
- Forest protection fence only.
 - Retention area will be set as part of the review process.
 - Boundaries of retention area should be staked and flagged prior to installing device.
 - Plant damage should be avoided.
 - Protection signage may also be used.
 - Device should be maintained throughout construction.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq ft.) before seeding, and 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq ft.)

2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 600 lbs per acre (1.4 lbs./1000 sq ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs./1000 sq ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

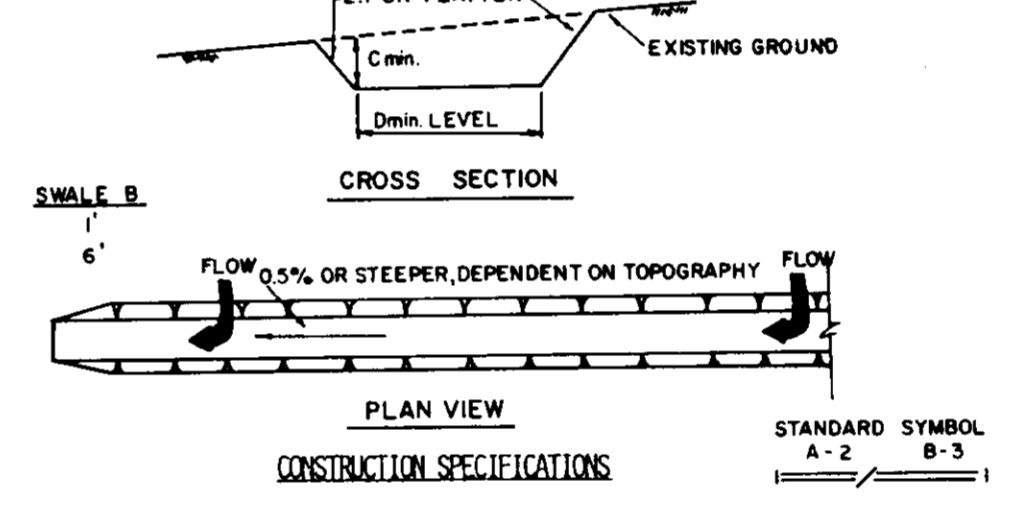
SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing, or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.).
SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual ryegrass (3.2 lbs./1000 sq ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs./1000 sq ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft.) for anchoring.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

TEMPORARY SWALE



CONSTRUCTION SPECIFICATIONS
STANDARD SYMBOL A-2 B-3

- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
- STABILIZATION SHALL BE AS PER THE CHART BELOW:

TYPE OF TREATMENT	CHANNEL WIDTH	FLOW CHANNEL STABILIZATION	
		A (5 AC OR LESS)	B (5 AC - 10 AC)
1	0.5-3.0'	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0'	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELISOR
3	5.1-8.0'	SEED WITH JUTE OR EXCELISOR; SOG	LINED RIP-RAP 4-8"
4	8.1-20'	LINED 4-8" RIP-RAP	ENGINEERED DESIGN

9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND

TEMPORARY SWALE

STANDARD DRAWING TS-1

SEDIMENT AND EROSION CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (913-1855).
- 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 SPECS. 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 perimeters 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) and (Sec. 54), temporary seedings (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.
- 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: 5.08 AC
Area Disturbed: 4.81 AC
Area to be roofed or paved: 0.76 AC
Area to be vegetatively stabilized: 0.76 AC
Total Cut: 0.76 AC
Total Fill: 0.76 AC
Offsite Waste/Borrow Area Location:
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 DPW 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.
- All pipes to be blocked at the end of each day (see detail this sheet).
- The total amount of silt fence: 1615 LF

It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and it's grading permit number at the time of construction.

CONSTRUCTION SEQUENCE:

NO. OF DAYS	NO. OF DAYS
1. Obtain grading permit	7
2. Install tree protection fence	7
3. Install sediment and erosion control devices and stabilize	14
4. Excavate for foundations, rough grade and temporarily stabilize	30
5. Construct structures, sidewalks and driveways	30
6. Final grade and stabilize in accordance with Specs. and Specs.	30
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize	30

*Delay construction of houses on lot 78. See single lot sediment control detail, this sheet.



OWNER/DEVELOPER
MCDONOUGH SCHOOL
PO BOX 380
OWINGS MILL, MARYLAND 21117

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
2135 MONROE, WASHINGTON, D.C. 20006 • 410-381-7100 • BALTIMORE, MARYLAND • 410-381-7100

DESIGNED J.L.S.	SEDIMENT AND EROSION CONTROL PLAN LOTS 72 thru 87	SCALE 1" = 30'
DRAWN Z.M.T.	DUNTEACHIN FARM SECTION TWO	DRAWING 5 OF 5
CHECKED J.L.S.	1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO 95-113
DATE MARCH, 94	FOR DOUGLAS HOMES PO BOX 628 ELLCOTT CITY, MD. 21043	FILE NO 95-113 SE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
Director: *Reginald Smith* DATE: 5/16/94
Chief Division of Land Development and Research: *Anna Summerville* DATE: 5/11/94

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director: *James J. Lee* DATE: 4/29/94
Chief Bureau of Engineering M.K. DATE: 4/27/94

Reviewed for: HOWARD S.C.D.
Name: _____
Signature: *Anthony...* Date: _____
US Soil Conservation Service

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 sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment 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: *Douglas O...* Date: 3-2-94

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Sediment and Erosion 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: *Jeffrey L. Schwarz* Date: 4-11-94
JEFFREY L. SCHWARZ