GOODIER BUILDERS, INC.
TYP. HOUSES
Scale: 1" = 30'
Note: All hse's have 1' roof eaves front and rear.

"A"
2036 ⌂ = 6787 ⌂ Min. Lot Size
0.3

"B"
1887 = 6322 ⌂ Min Lot Size
0.3

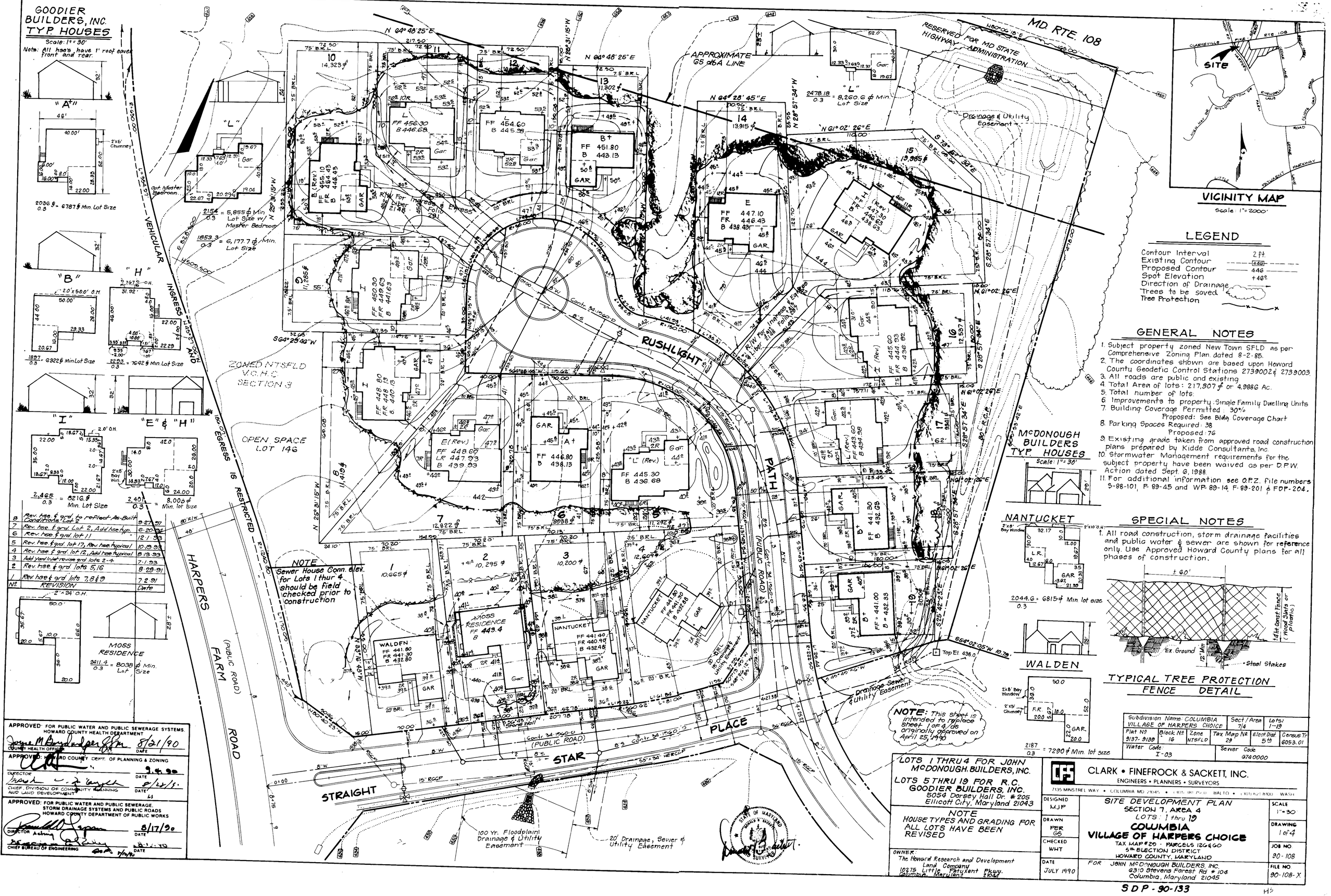
"H"
2233 = 7642 ⌂ Min. Lot Size
0.3

"I"
2,465 = 8216 ⌂ Min. Lot Size
0.3

"E" & "H"
2,401 = 8,003 ⌂ Min. lot Size
0.3

8	Rev hse & grd. to reflect As-Built Conditions Lot 2	9.27.91
7	Rev hse & grd Lot 2, Add hse typ.	6.20.91
6	Rev hse & grd lot 11	12.1.93
5	Rev hse & grd. lot 17, Rev. hse typical	10.19.93
4	Rev hse & grd. lot 12, Add hse typical	8.13.93
3	Add yard inlet revise grd lots 2-4	7.1.93
2	Rev. hse. & grd lots 5,16	8.29.91
1	Rev hse & grd lots 7,8 & 9	7.2.91
Nº	REVISION	Date

MOSS RESIDENCE
2411.4 = 8038 ⌂ Min. Lot Size
0.3



VICINITY MAP
Scale: 1" = 2000'

LEGEND

Contour Interval	2 ft.
Existing Contour	440
Proposed Contour	440
Spot Elevation	+48
Direction of Drainage	
Trees to be saved	
Tree Protection	

GENERAL NOTES

1. Subject property zoned New Town SFLD as per Comprehensive Zoning Plan dated 8-2-85.
2. The coordinates shown are based upon Howard County Geodetic Control Stations 27390021 & 27390031
3. All roads are public and existing
4. Total Area of lots: 217,307 ⌂ or 4.988G Ac.
5. Total number of lots: 19
6. Improvements to property: Single Family Dwelling Units
7. Building Coverage Permitted: 30%
   Proposed: See Bldg Coverage Chart
8. Parking Spaces Required: 38
   Proposed: 76
9. Existing grade taken from approved road construction plans prepared by Kidde Consultants, Inc.
10. Stormwater Management requirements for the subject property have been waived as per D.P.W. Action dated Sept. 6, 1988.
11. For additional information see O.P.Z. file numbers S-88-101, P-89-45 and WP-89-14, F-89-201 & FDP-204.

SPECIAL NOTES

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

TYPICAL TREE PROTECTION FENCE DETAIL

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 8/21/90

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
DIRECTOR — DATE 9.4.90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 8/27/90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR Acting — DATE 8/17/90
CHIEF BUREAU OF ENGINEERING — DATE 8/17/90

Subdivision Name: COLUMBIA VILLAGE OF HARPERS CHOICE	Sect / Area 7/4 — Lots: 1-19
Plat Nº 9137-9139	Block Nº 16 — Zone NTSFLD — Tax Map Nº 29 — Elect Dist 5th — Census Tr 6053.01
Water Code: I-03	Sewer Code G740000

LOTS 1 THRU 4 FOR JOHN McDONOUGH BUILDERS, INC.
LOTS 5 THRU 19 FOR R.C. GOODIER BUILDERS, INC.
8054 Dorsey Hall Dr. #205
Ellicott City, Maryland 21043

NOTE
HOUSE TYPES AND GRADING FOR ALL LOTS HAVE BEEN REVISED

OWNER:
The Howard Research and Development Land Company
10275 Little Patuxent Pkwy.
Columbia, Maryland 21044

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7580 BALTO • (301) 621-8900 WASH

DESIGNED MJP	SITE DEVELOPMENT PLAN SECTION 7, AREA 4 LOTS 1 thru 19 COLUMBIA VILLAGE OF HARPERS CHOICE TAX MAP #29 · PARCELS 126 & 60 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN PER GS	SCALE 1" = 30
CHECKED WHT	DRAWING 1 of 4
DATE JULY 1990	JOB NO. 90-108
FOR JOHN McDONOUGH BUILDERS, INC. 6310 Stevens Forest Rd #104 Columbia, Maryland 21045	FILE NO 90-108-X

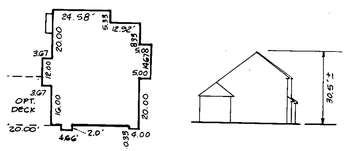
SDP-90-133

BUILDING COVERAGE CHART		
LOT	PROPOSED COVERAGE	PERMITTED COVERAGE
1	20.8 %	30%
2	21.6 %	"
3	21.8 %	"
4	17.7 %	"
5	19.7 %	"
6	25.0 %	"
7	17.3 %	"
8	19.6 %	"
9	27.4 %	"
10	21.6 %	"
11	24.1 %	"
12	22.3 %	"
13	19.7 %	"
14	16.0 %	"
15	15.4 %	"
16	17.7 %	"
17	22.5 %	"
18	26.1 %	"
19	27.8 %	"

TYPICAL HOUSES

Scale: 1" = 30'

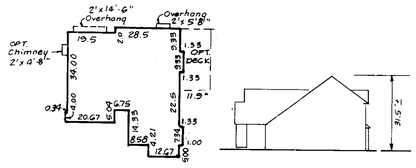
NOTE: All units have 1' roof eaves, front & rear.



PINEHURST

w/2 car garage

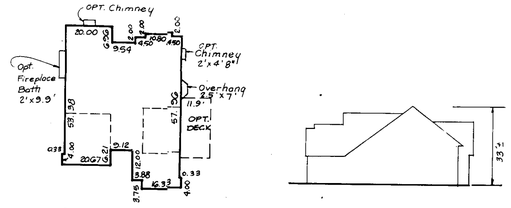
$\frac{2,230.4}{0.3} = 7,464.6$ ♯ Min. Lot Size



HOMESTEAD

w/2 car garage

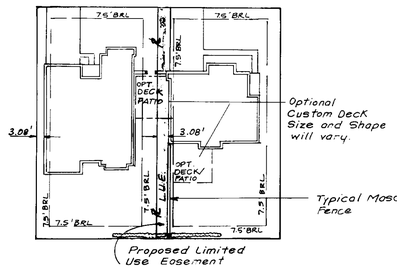
$\frac{2228.8}{0.3} = 7429.3$ ♯ Min. Lot Size.



GREENBRIAR

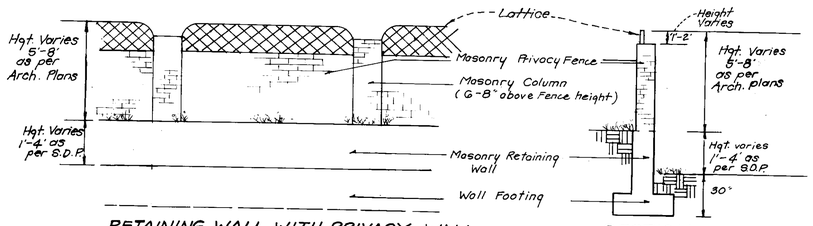
w/2 car garage

$\frac{3,096.0}{0.3} = 10,320$ ♯ Min. Lot Size.



TYPICAL LIMITED USE EASEMENT DETAIL

ADDRESS CHART	
LOT NO.	STREET ADDRESS
1	5001 STRAIGHT STAR PLACE
2	5005 " " "
3	5009 " " "
4	5013 " " "
5	5023 RUSHLIGHT PATH
6	5017 " "
7	5013 " "
8	5009 " "
9	5005 " "
10	5001 " "
11	5000 " "
12	5004 " "
13	5008 " "
14	5016 " "
15	5020 " "
16	5024 " "
17	5028 " "
18	5032 " "
19	5036 " "

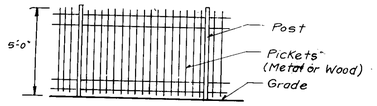


RETAINING WALL WITH PRIVACY WALL

No Scale

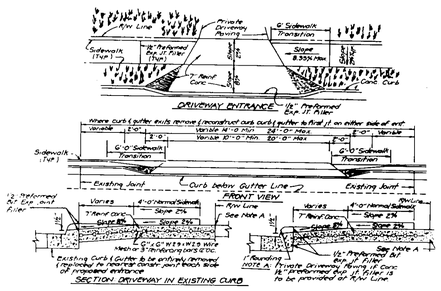
SECTION

No Scale

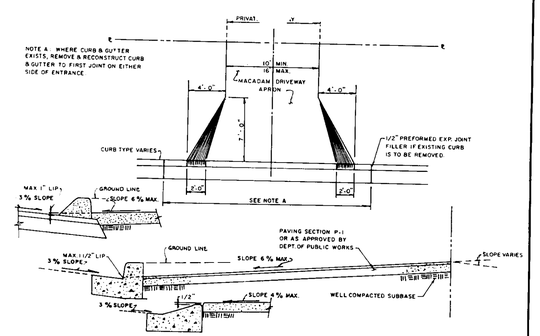


PICKET FENCE

1/4" = 1'-0



DRIVEWAY ABUTTING CLOSED SECTION WITH STD. 7" COMB. CURB & GUTTER & SIDEWALK SET BACK FROM CURB



DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK

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

COUNTY HEALTH OFFICER — DATE 4-19-90

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

DIRECTOR — DATE 4/25/90

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 4/25/90

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

DIRECTOR — DATE 4/16/90

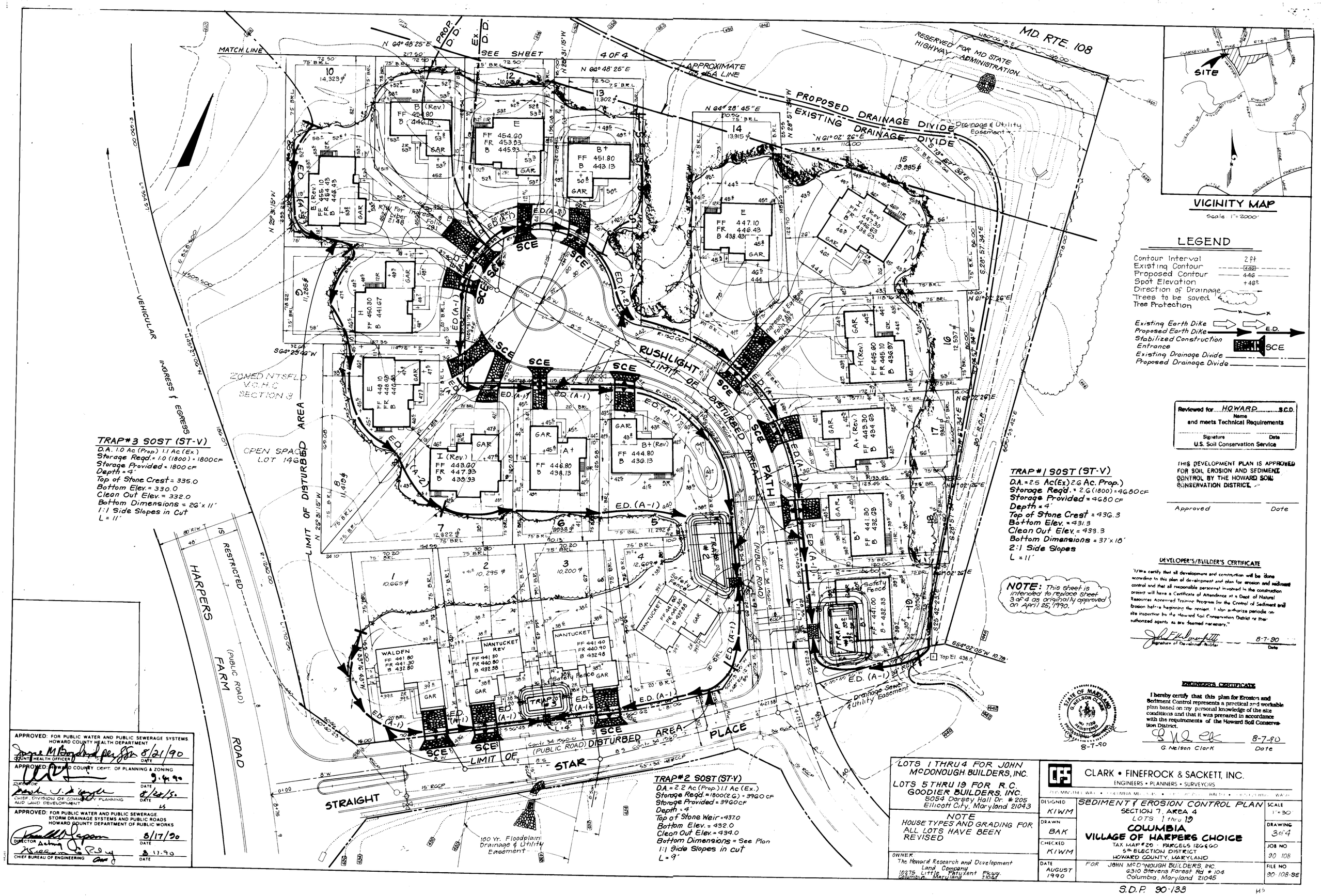
CHIEF BUREAU OF ENGINEERING — DATE 4-16-90

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE 3-14-90

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 – BALTO. • (301) 621-8100 – WASH.

DESIGNED MJP	SITE DEVELOPMENT PLAN LOT 1 thru 19 COLUMBIA VILLAGE OF HARPERS CHOICE SECTION 7 AREA 14 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE As Shown
DRAWN BAL		DRAWING 2 OF 4
CHECKED WHT		JOB NO. 89-170
DATE JAN. 1989	FOR: McDONOUGH BUILDERS, INC. 6310 Stevens Forest Road #104 Columbia, Maryland 21045	FILE NO. 89-170X

SDP-90-133



TRAP#3 SOST (ST-V)
D.A. 1.0 Ac (Prop) 1.1 Ac (Ex)
Storage Reqd = 1.0 (1800) = 1800 CF
Storage Provided = 1800 CF
Depth = 4'
Top of Stone Crest = 335.0
Bottom Elev. = 330.0
Clean Out Elev. = 332.0
Bottom Dimensions = 26' x 11'
1:1 Side Slopes in Cut
L = 11'

TRAP#1 SOST (ST-V)
D.A. = 2.5 Ac(Ex) 2.6 Ac. Prop.)
Storage Reqd. = 2.6 (1800) = 4680 CF
Storage Provided = 4680 CF
Depth = 4'
Top of Stone Crest = 436.3
Bottom Elev. = 431.3
Clean Out Elev. = 433.3
Bottom Dimensions = 37' x 18'
2:1 Side Slopes
L = 11'

TRAP#2 SOST (ST-V)
D.A. = 2.2 Ac (Prop.) 1.1 Ac (Ex.)
Storage Reqd. = 1800 (2.6) = 3960 CF
Storage Provided = 3960 CF
Depth = 4'
Top of Stone Weir = 437.0
Bottom Elev. = 432.0
Clean Out Elev. = 434.0
Bottom Dimensions = See Plan
1:1 Side Slopes in cut
L = 9'

NOTE: This sheet is intended to replace sheet 3 of 4 as originally approved on April 25, 1990.

Reviewed for HOWARD S.C.D.
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.

Approved Date

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 8-7-90 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 Conservation District.

G. Nelson Clark 8-7-90 Date

STATE OF MARYLAND G. NELSON CLARK No. 7139 REGISTERED PROFESSIONAL ENGINEER
8-7-90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER 8/21/90 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
DIRECTOR 9.4.90 DATE
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 8/24/90 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR 8/17/90 DATE
CHIEF BUREAU OF ENGINEERING 8.17.90 DATE

LOTS 1 THRU 4 FOR JOHN McDONOUGH BUILDERS, INC.
LOTS 5 THRU 19 FOR R.C. GOODIER BUILDERS, INC.
6054 Dorsey Hall Dr. #205
Ellicott City, Maryland 21043

NOTE
HOUSE TYPES AND GRADING FOR ALL LOTS HAVE BEEN REVISED

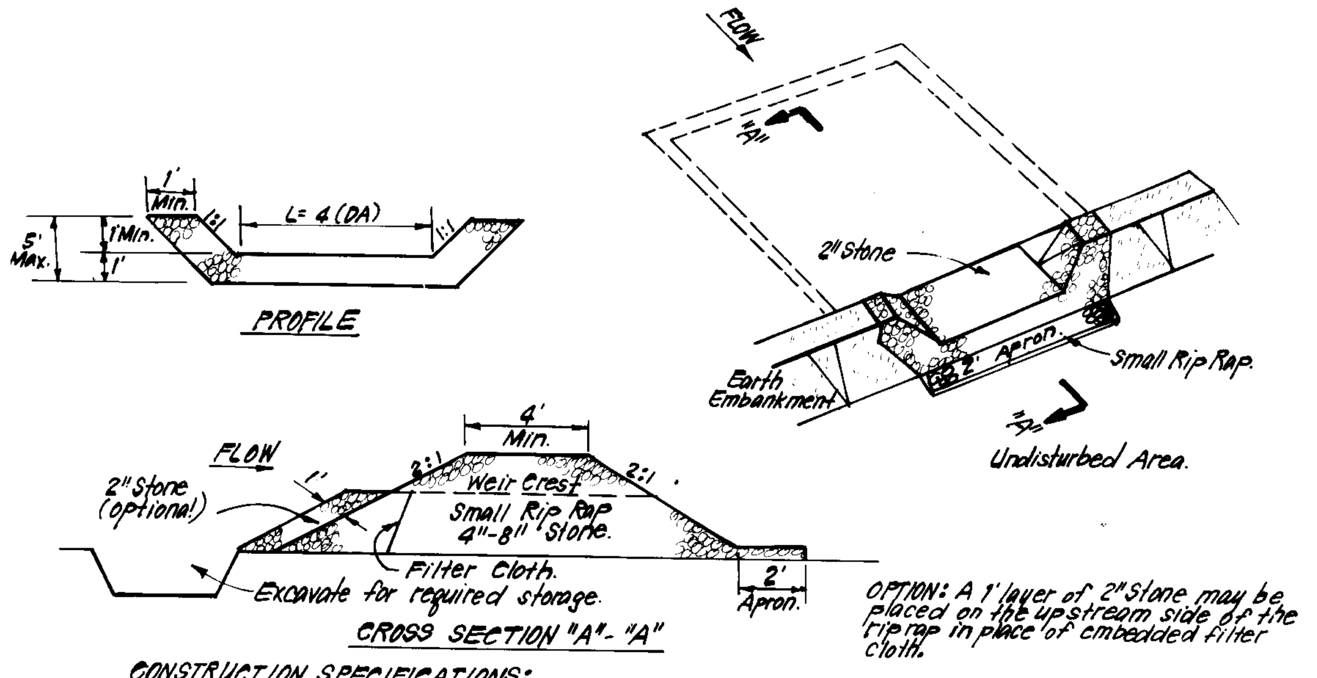
OWNER
The Howard Research and Development Land Company
10275 Little Patuxent Pkwy.
Columbia, Maryland 21044

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 992-9200 HALTER • (301) 997-1782 WATER

DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN SECTION 7, AREA 4 LOTS 1 thru 19 COLUMBIA VILLAGE OF HARPERS CHOICE TAX MAP #20 · PARCELS 126 & 60 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN BAK		DRAWING 3 of 4
CHECKED KIWM		JOB NO 90 108
DATE AUGUST 1990	FOR JOHN McDONOUGH BUILDERS, INC. 6310 Stevens Forest Rd #104 Columbia, Maryland 21045	FILE NO 90-108-SE

S.D.P. 90-133

H5



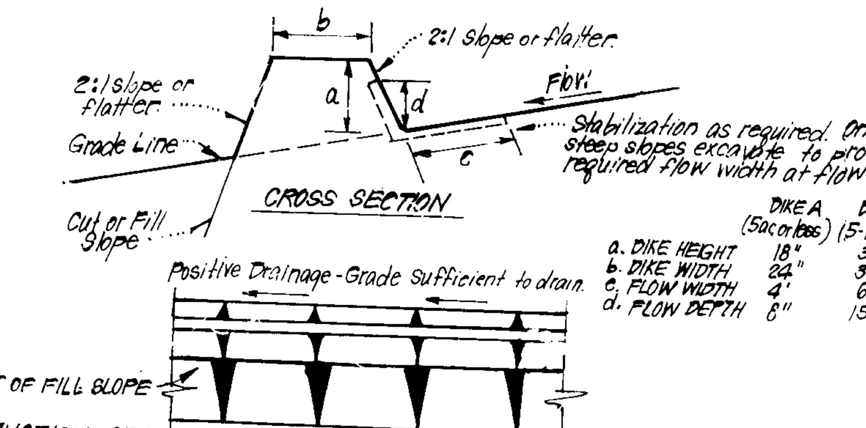
OPTION: A 1' layer of 2" Stone may be placed on the upstream side of the rip rap in place of embedded filter cloth.

CONSTRUCTION SPECIFICATIONS:

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. The stone used in the outlet shall be small rip-rap 4"-8" along with 1' thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth in the rip rap.
5. Sediment shall be removed and trap restored to its orginal dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner than erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.ST.) ST.V.

NO SCALE



	DIKE A (5ac or less)	DIKE B (5-10 ac)
a. DIKE HEIGHT	18"	36"
b. DIKE WIDTH	24"	36"
c. FLOW WIDTH	4'	6'
d. FLOW DEPTH	8"	15"

CONSTRUCTION SPECIFICATIONS:

1. All dikes shall be compacted by earth-moving equipment.
2. All dikes shall have positive drainage to an outlet.
3. Top width may be wider and side slopes may be flatter if desired, to facilitate crossing by construction traffic.
4. Field location should be adjusted as needed to utilize a stabilized safe outlet.
5. Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
6. Stabilization shall be: (A) In accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

FLOW CHANNEL STABILIZATION

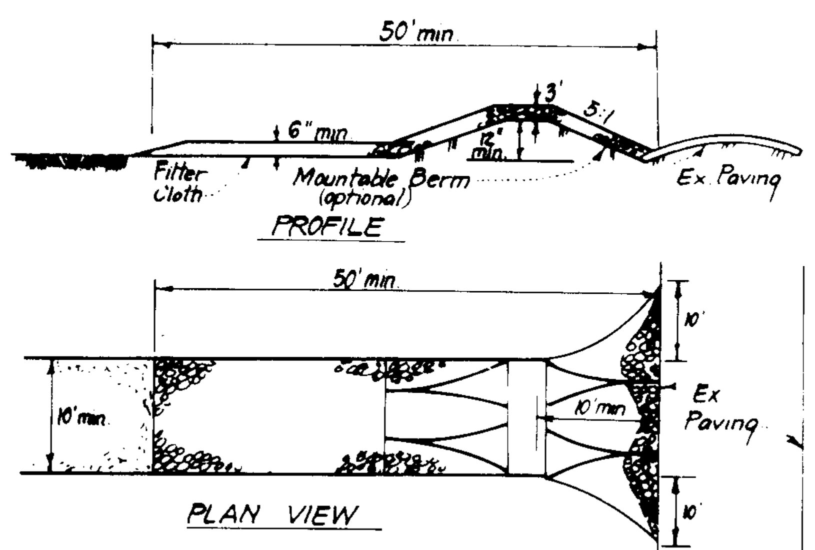
TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1.	0.5-3.0%	Seed & Straw Mulch	Seed or Straw Mulch
2.	3.1-5.0%	Seed & Straw Mulch	Seed w/Jute, or Excelsior; Sod; 2" Stone
3	5.1-8.0%	Seed w/Jute, or Sod; 2" Stone.	Lined Rip Rap 4"-8" Stone
4	8.1-20.0%	Lined Rip Rap 4"-8" Stone	Engineering Design

A. Stone to be 2" Stone, or recycled concrete equivilent, in a layer at least 3" thick and be pressed into soil with construction equipment.
B. Rip Rap to be 4"-8" in a layer at least 8" thick, pressed into soil.
C. Approved equivalents can be substituted for any of the above materials.

7. Periodic Inspection and Required Maintenance must be provided after each rain.

EARTH DIKE DETAIL (E.D.)

NO SCALE

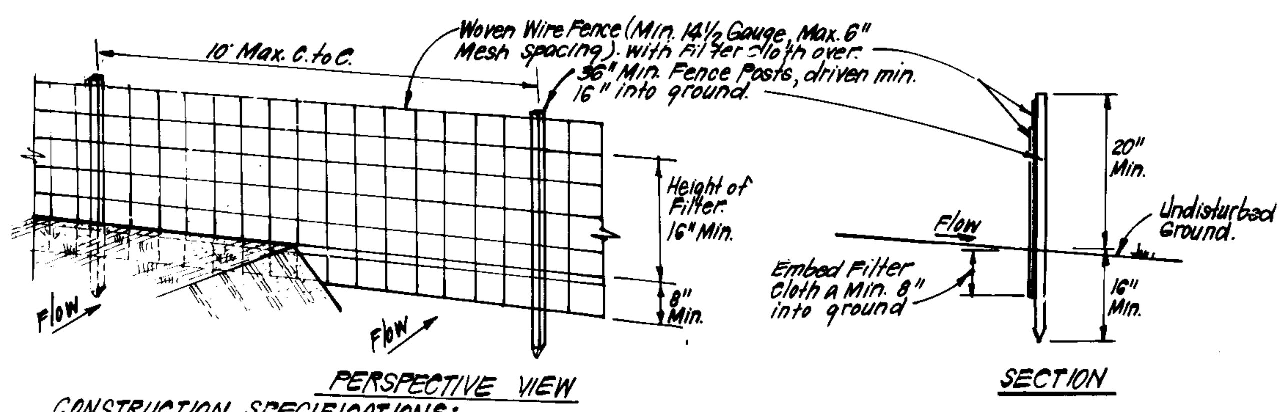


CONSTRUCTION SPECIFICATIONS:

1. Stone size - Use 2" stone, or reclaimed or recycled concrete equivalent.
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) foot 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 mountable berm with 5:1 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 top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)

NO SCALE



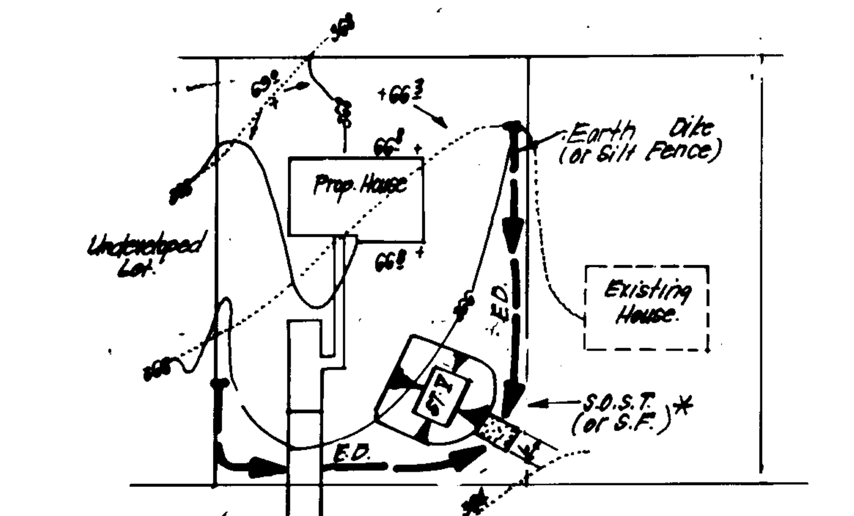
CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter Cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when "Bulges" develop in Silt Fence.

POSTS: Steel either T or U Type or 2" Hardwood.
FENCE: Woven Wire, 14½ Gage 6" Max. Mesh Opening.
FILTER CLOTH: Filter X, Mirafi 100X, Stablinka, T140N or Approv. equal.
PREFABRICATED UNIT: Geofab, Envirofence, or Approv. equal.

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.

* S.O.S.T. (ST.V) Pg. 16.12			
LOT SIZE	1/4 Ac.	1/2 Ac.	1 Ac.
L	2'	3'	6'
Depth	2'	2'	2'
Bot. Length	11'	26'	26'
Bot. Width	11'	11'	26'
Bot. Area	121	286	676

+ can be adjusted in field, but bottom area must be as given or greater

SINGLE LOT SEDIMENT CONTROL PLAN

NO SCALE

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 square ft) 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 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 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thre 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 of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1½ 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 reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

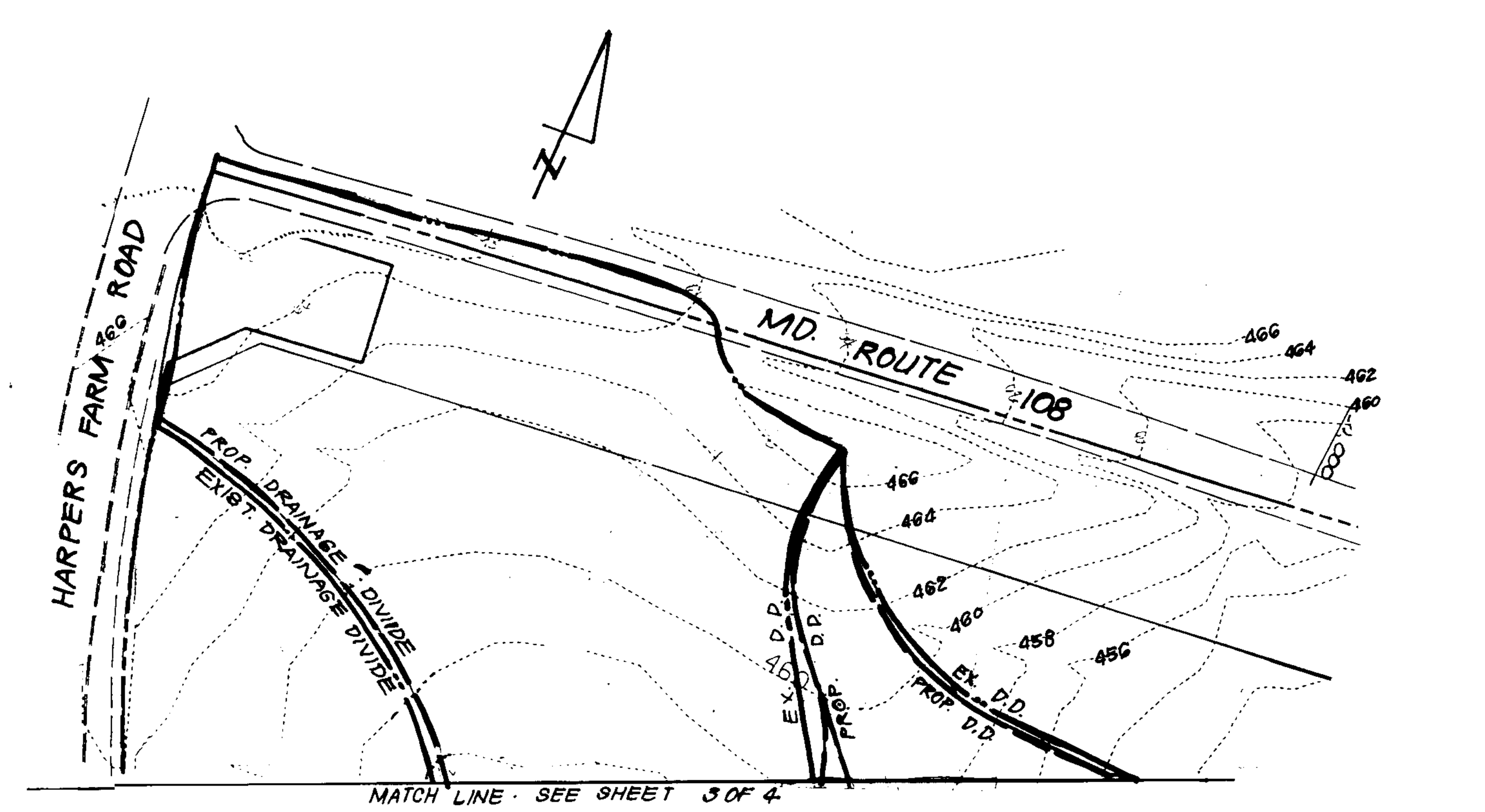
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

Soil Amendments: 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 2½ bushel per acre of annual rye (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 sod.

Mulching: Apply 1½ 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal 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.



OFF-SITE DRAINAGE AREAS TO TRAPS 1,2 & 3

SCALE: 1"=50'

SEDIMENT CONTROL NOTES

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 redisturbance, 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, Chaper 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 4.988 Acres
   - Area Disturbed 4.98 Acres
   - Area to be roofed or paved 1.65 Acres
   - Area to be vegetatively stabilized 3.34 Acres
   - Total Cut 10,630 Cu. yds
   - Total Fill 11,959 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 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.
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 165 L.F.

CONSTRUCTION SEQUENCE:	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.	160
D. Final Grade and stabilize in accordance with Stds. & Specs.	30
E. Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.	7

* Delay construction on Lots 2 & 19 until area draining to Traps # 1 & 3 has been stabilized.

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 — 1-25-89 Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 4-19-90

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
DIRECTOR — DATE 4/25/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 4/25/90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 4/16/90
CHIEF BUREAU OF ENGINEERING — DATE 4-16-90

APPROVED
PLANNING BOARD of HOWARD COUNTY
DATE 3-14-90

Reviewed for HOWARD S.C.D. and meets Technical Requirements
Signature — Date 4/9/90
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved — Date 4/9/9.

STATE OF MARYLAND — G. NELSON CLARK — NO. 7139 — REGISTERED PROFESSIONAL ENGINEER — 1-23-90

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.

G. Nelson Clark — 1-23-90 Date

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 – BALTO. • (301) 621-8100 – WASH

DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN SECTION 7, AREA 4 LOTS 1 - 19 & PART OF LOT 146 COLUMBIA VILLAGE OF HARPERS CHOICE TAX MAP #29 - PARCELS 126 & 60 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN KIWM		DRAWING 4 OF 4
CHECKED KIWM		JOB NO. 89-170
DATE JAN. 1990	McDonough Builders, Inc. 5310 Stevens Forest Rd. #104 Columbia, Maryland 21045	FILE NO 89-170SE

SDP 90-133