

- GENERAL NOTES**
1. Subject property zoned New Town - S.F.L.D. per 8/2/85 Comprehensive Zoning Plan.
 2. The coordinates shown herein are based upon Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments No. 9 2437002, 2437003, 2737002 and 2637004.
 3. All roadways are public and existing.
 4. Total area included in this submission: 1.856 Ac.
 5. Total number of lots: 4
 6. Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 7. Maximum lot coverage permitted is 30%.
 8. Reference plans S-30-27, PB Case 265, WP-90-133, P-91-03 and FDP Phase 210.
 9. The Contractor or Developer shall contact the Construction Inspection Survey Division, 24 hrs. in advance of commencement of work at 792-2630.
 10. The existing topography shown was field run by Clark, Finefrock and Sackett, Inc.
 11. A 10' Wide Tree Maintenance Easement along all road frontages.
 12. Improvements shown within the rights-of-way on this SDP are not to be used for construction. For construction, see approved plans Cont # 30-3000 D and P-91-98.
 13. For driveway abutting details, see Howard County Design Standards R-6-03 & R-6-05.
 14. All work shall be performed in accordance with Howard County Standard Specifications and Details for construction.
 15. S.W.M. & W.G. provided for under F-91-98.

ADDRESS CHART

LOT No.	STREET ADDRESS
63	6408 AUTUMN SKY WAY
64	6404 AUTUMN SKY WAY
65	6400 AUTUMN SKY WAY
66	6477 SOUTH WIND CIRCLE

OWNER & DEVELOPER
 HOWARD RESEARCH & DEVELOPMENT LAND CO.
 10275 Little Patuxent Park Way
 Columbia, Maryland 21044

SUBDIVISION NAME	SECT./AREA	LOTS
VILLAGE OF RIVER HILL	1/3 Phase I	63-66
PLAT No.	BLOCK No.	ZONE
0001	9	S.F.L.D.
TAX MAP No.	ELEC. DIST.	CENSUS TR.
35	5th	6055
WATER CODE	SEWER CODE	
1.04	670000	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* 10-4-91
 DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR: *[Signature]* 10/11/91
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* 9-27-91
 DATE

CHIEF BUREAU OF ENGINEERING: *[Signature]* 9/27/91
 DATE

REVISION

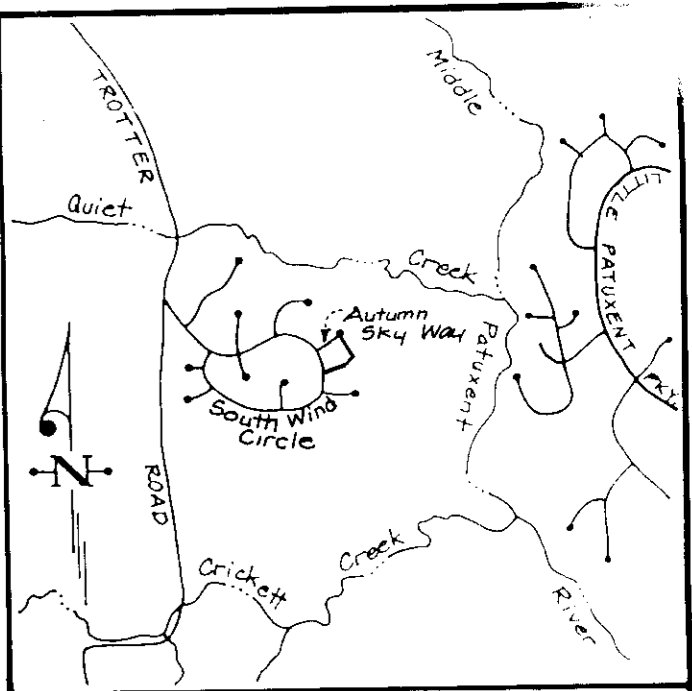
NO.	REVISION	DATE
5	Field run topography and drainage pattern lot 65	1/8/93
4	Rev. hse. & grd. lot 63	4/10/92
3	Rev. hse. & grd. lots 63 & 64	2/19/92
2	Revise house and grade lot 66	11/13/91
1	House Types on lots 64 & 65 rotated approx 5' as per H.R.D. Arch review Comm	8/27/91
NO.		

Jeffrey Schuch
 9/10/91

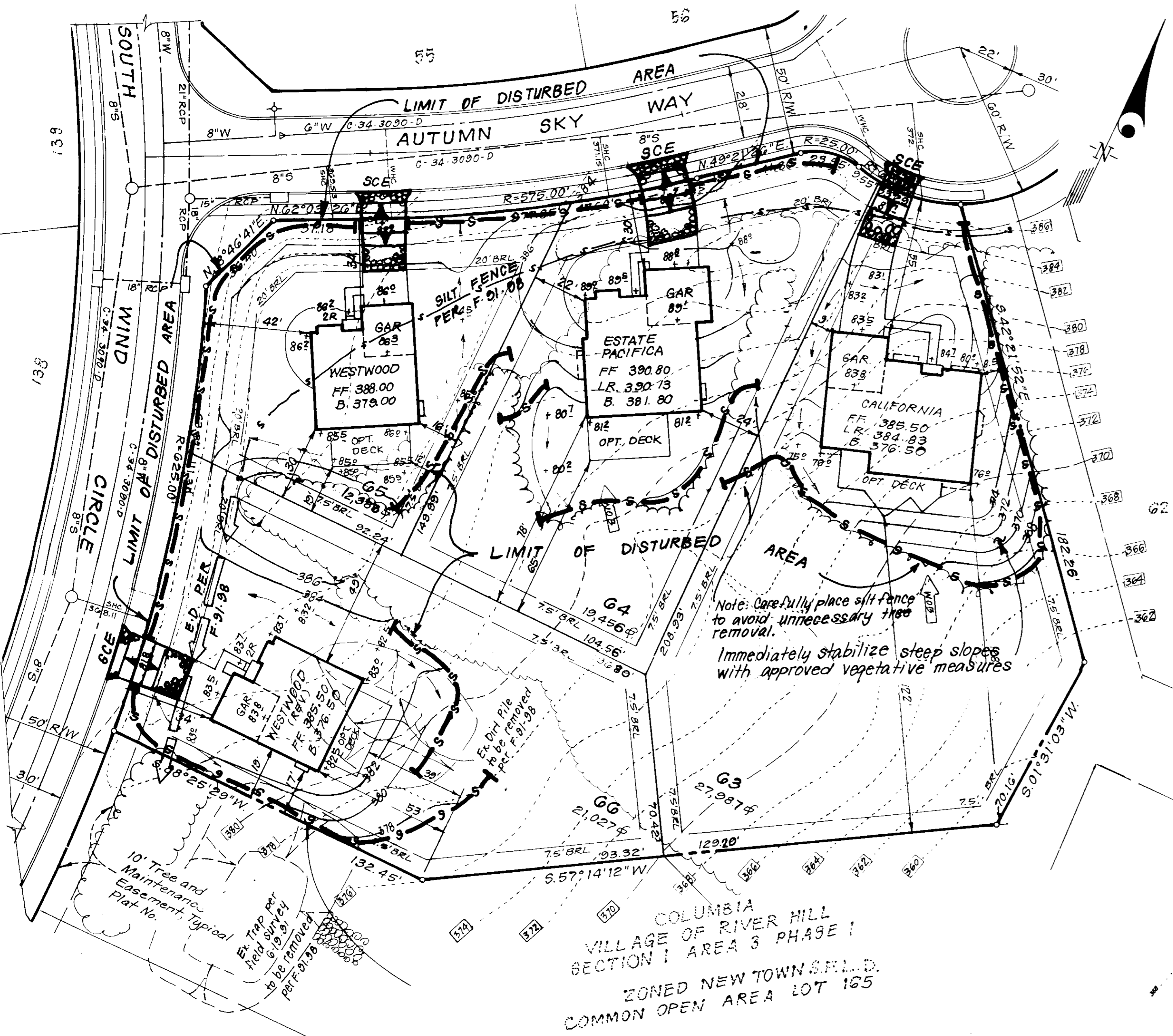
CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD 21046 • (410) 391-7100 • FAX (410) 391-7101

SITE DEVELOPMENT PLAN
 LOTS 63 THRU 66
COLUMBIA
 VILLAGE OF RIVER HILL
 SECTION I AREA 3 PHASE I
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

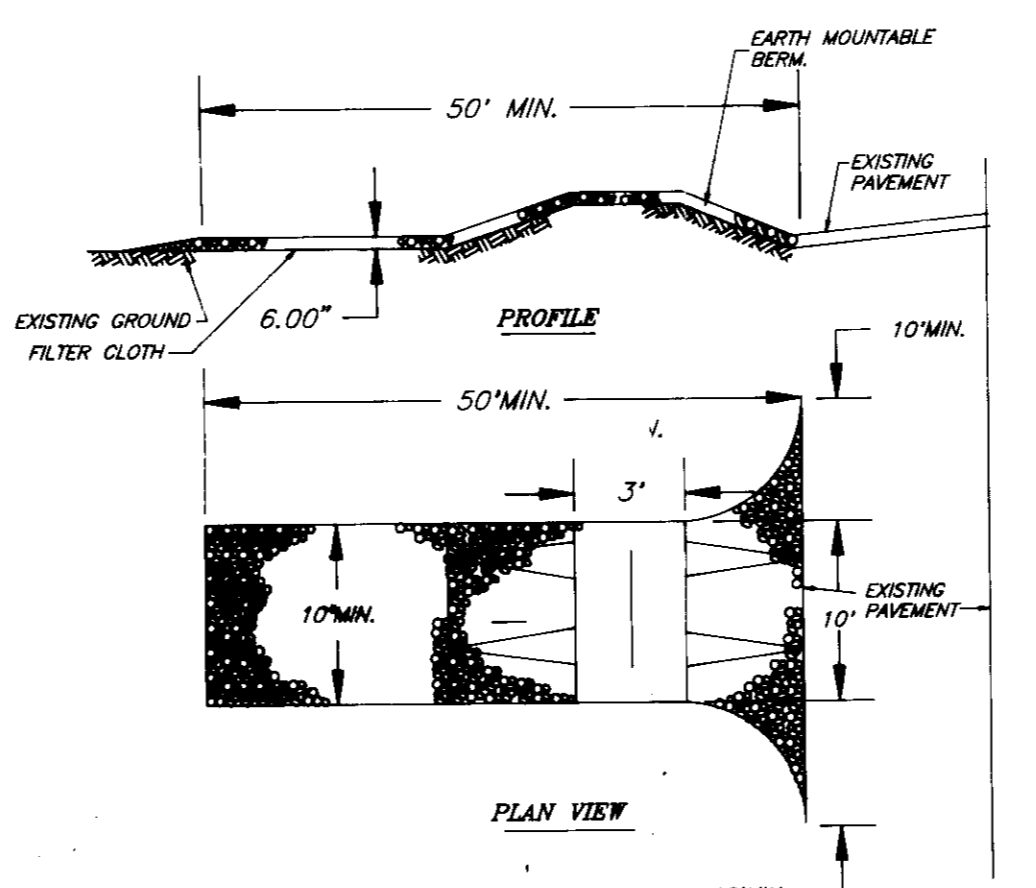
SCALE: 1" = 30'
 DRAWING: 10F-2
 JOB NO: 91-090
 FOR: ALLAN HOMES, INC.
 10206 Old Columbia Rd
 Columbia, MD 21046
 FILE NO: 91-090-X
 JUL 1, 1991



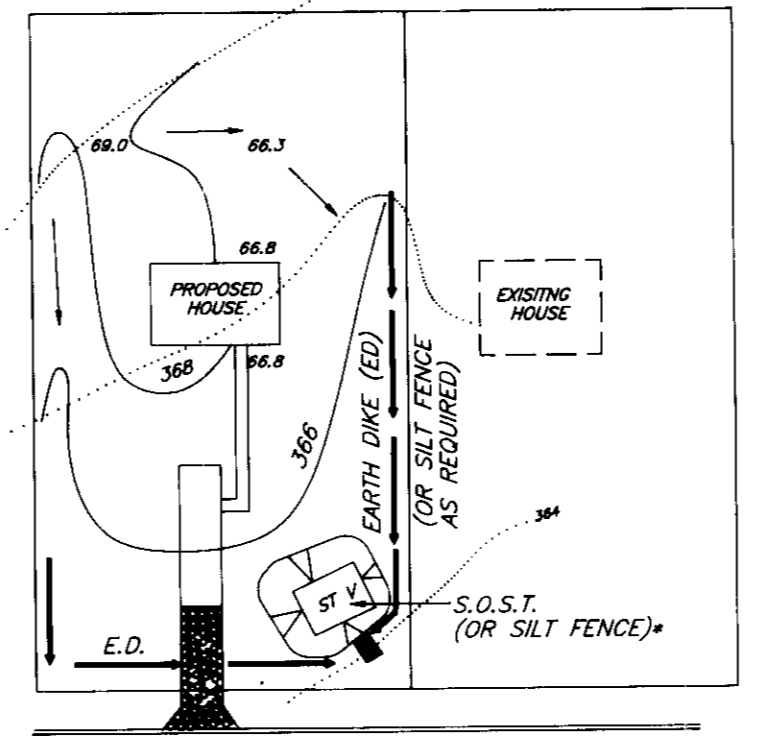
VICINITY MAP
SCALE 1" = 2000'



PLAN
SCALE=1"=30'



CONSTRUCTION SPECIFICATIONS
1. STONE SIZE USE 3/4" STONE OR RECYCLED CONCRETE EQUIVALENT...
2. LENGTHS AS REQUIRED, BUT NOT LESS THAN 50 FEET...
3. THICKNESS: NOT LESS THAN SIX (6) INCHES...
4. WIDTH: TEN (10) FOOT MINIMUM BUT NOT LESS THAN THE FULL WIDTH...
5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO...
6. SURFACE WATER: ALL SURFACE WATER FLOWING OR DIVERTED TOWARD...
7. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION...
8. WASHING: WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO...
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED...
STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE



NOTE: Single lot detail cannot be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing an existing sediment trap.

* S.O.S.T. (S.V) PG.18.12			
LOT SIZE	1/4 ACRE	1/2 ACRE	1 ACRE
DEPTH	2'	3'	6'
BOT LENGTH	11'	26'	26'
BOT WIDTH	11'	11'	22'
BOT AREA	121SF	286SF	676SF

+ Can be adjusted in the field, but the bottom area must be as given or greater.

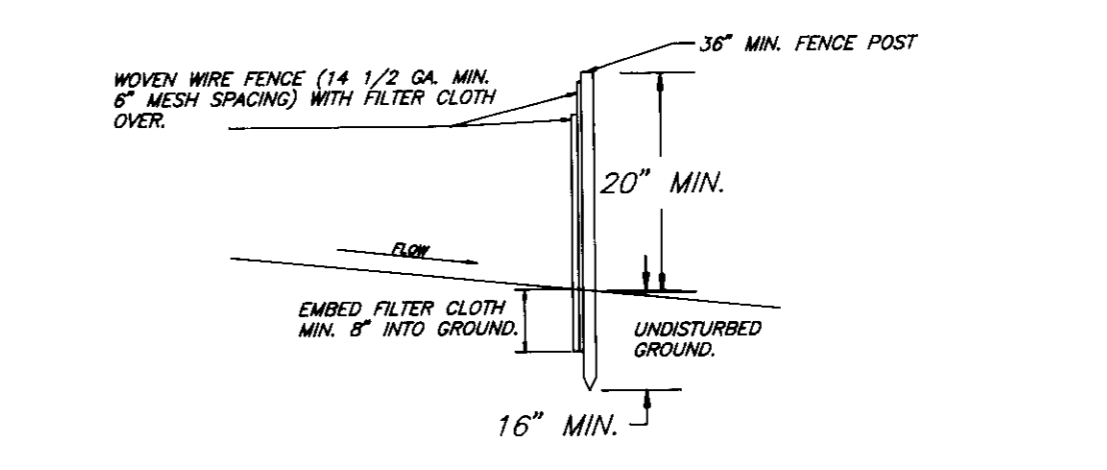
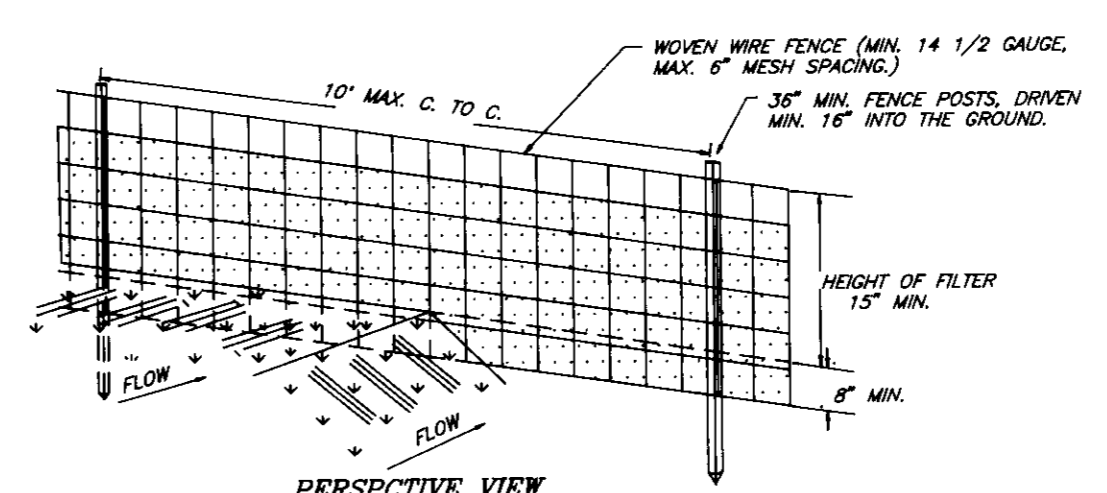
SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

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 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 60lbs 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 sod. 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 unrattled 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 (9 gal/1000 sq ft) for anchoring.
MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

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 (14lbs/1000 sq ft).
SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels 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 sod.
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrattled 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 (9 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.



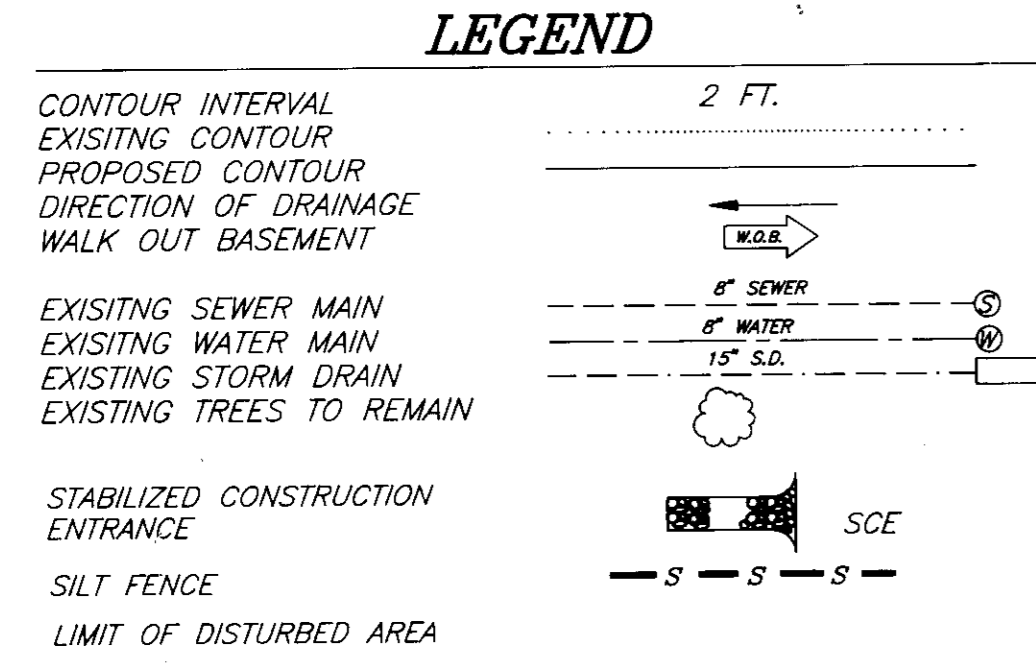
STANDARD SYMBOL: - S - S - S - S -
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- 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 TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
FENCE: WOVEN WIRE, 14 GA., 6" MAX. MESH OPENING.
FILTER CLOTH: FILTER X, MIRAFA 100X, STABILINKA T140N, OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOTAB, ENVIROFENCE, OR APPROVED EQUAL.

SILT FENCE (S)
NO SCALE

CONSTRUCTION SEQUENCE:

	NO. OF DAYS
A. Obtain grading permit and install sediment and erosion control devices and stabilize.	7
B. Excavate for foundations, rough grade and temporarily stabilize.	30
C. Construct structures, sidewalks and driveways.	30
D. Final grade and stabilize in accordance with Stds. and Specs.	14
E. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-4-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 10/16/91
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 9-27-91
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING [Signature] 9-27-91 DATE

Reviewed for HOWARD S.C.D.
Name [Signature]
Signature [Signature] Date 9/24/91
US Soil Conservation Service

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

[Signature] 9/24/91
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] 7/31/91
signature Date

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] 7-30-91
Signature Date
G. Nelson Clark

OWNER AND DEVELOPER:
THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044

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

DESIGNED: KIWM
DRAWN: KIWM
CHECKED: KIWM
DATE: JULY, 1991

SEDIMENT AND EROSION CONTROL DETAILS
LOTS 63-68
COLUMBIA
VILLAGE OF RIVER HILL
SECTION 1 AREA 3, PHASE I
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: ALLAN HOMES INC.
10260 OLD COLUMBIA RD.
COLUMBIA, MD 21046

SCALE: 1" = 30'
DRAWING: 2 OF 2
JOB NO: 01-000
FILE NO: 01-000SE

S.D.P. - 92-16