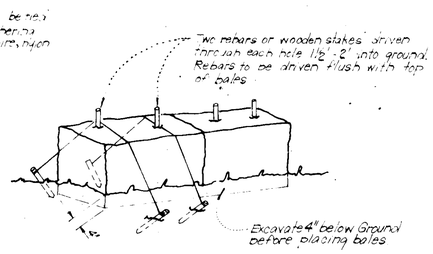
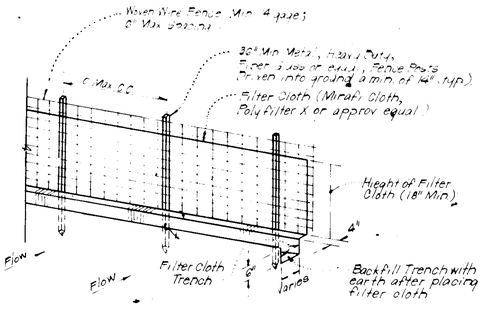


Note:

1. In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)

No Scale



Notes

1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24" x 24".

TYPICAL SILT FENCE DETAIL (S.F.)

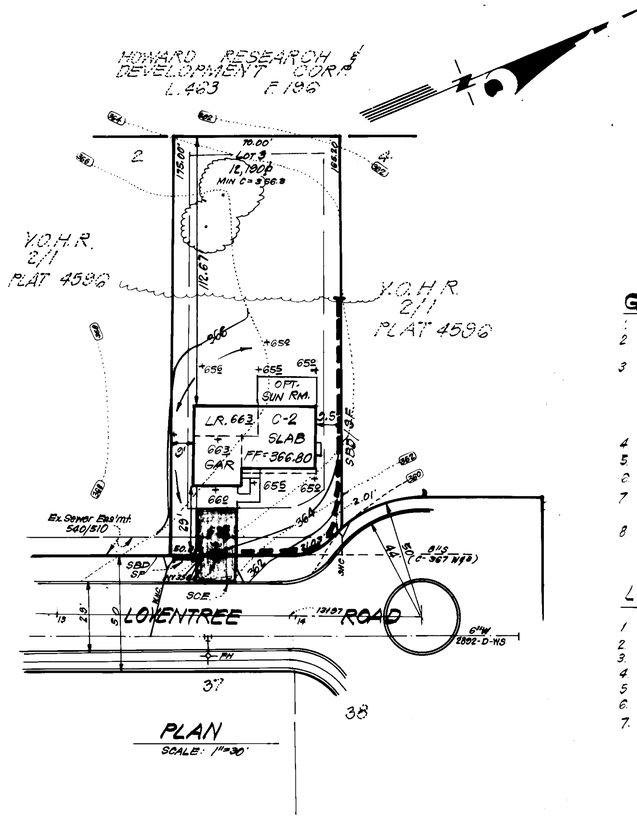
No Scale

SEDIMENT & EROSION CONTROL NOTES

1. Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
2. All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 s.f.
3. Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
4. All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
5. Stabilization of Disturbed ground to be done as soon after construction as possible.
6. All disturbed area to be stabilized in accordance with the following Specifications:
   A. Seed - certified 85% germination applied at the rate of 9 lbs /1000 s.f. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual rye.
   B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 s.f. Ground Agricultural Lime or Dolomatic Lime applied at a rate of 90 lbs /1000 s.f.
   C. Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method ie; asphalt tacks, chemical binder, etc.
   D. All Sod used shall be Maryland State Certified.
7. All Structural Sediment Control Measures are to remain in place until permission for their removal has be obtained from the Bureau of Inspections and Permits.
8. On-Site Inspection and Maintenance of all Sediment Control Measures including clean-out of Sediment Traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
9. It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
10. The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
11. Stabilized Construction Entrances shall be placed at all construction entrances.
12. If houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
13. Total Amount of Straw Bales or Silt Fence shown = 150 LF
14. SITE ANALYSIS:

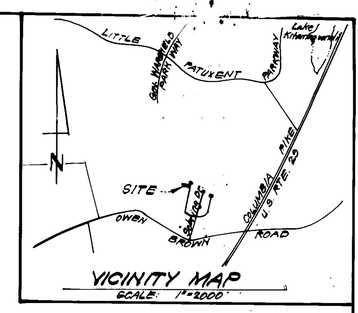
A	Total Area	0.279	Acres
B	Area to be Roofed	0.034	Acres
C	Area to be Paved	0.013	Acres
D	Area to be Seeded	0.094	Acres
E	Area Undisturbed	0.138	Acres

15. CONSTRUCTION SEQUENCE:
   A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
   B. Excavate for Foundations and Rough Grade.
   C. Erect Structures, Driveways and Sidewalks.
   D. Final Grade and Stabilize in accordance with note #6.
16. Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.



PLAN

SCALE: 1"=30'



VICINITY MAP

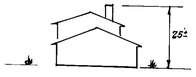
SCALE: 1"=2000'

GENERAL NOTES:

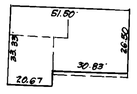
1. The land included in this plan is zoned New Town (S.F.M.D.)
2. The lots shown on this plan are covered by Final Development Plan Phase 173.
3. All coordinates are based on traverse controls for Columbia established by Maps Inc. in 1968 by Purdum & Jeschke which controls were tied to Maryland Bureau of Control Survey monuments and U.S. Coast & Geodetic Survey monuments in the Columbia area.
4. The area covered in this Submission is located on Tax Map 36, Parcel 267
5. The total area included on this plan is 0.279 Acres
6. All roadways are public and existing.
7. Any damage to county owned rights of way shall be corrected at the developers expense.
8. Total Number of Lots: 1

LEGEND:

1. Contour Interval — 2 Ft.
2. Existing Contour — 370
3. Proposed Contour — 370
4. Spot Elevation — +70.5
5. Direction of Drainage
6. Straw Bale Dike or Silt Fence — SBD/SF
7. Stone Construction Entrance — SCE

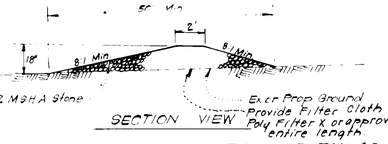


C-2 (2-Story)



TYPICAL HOUSE

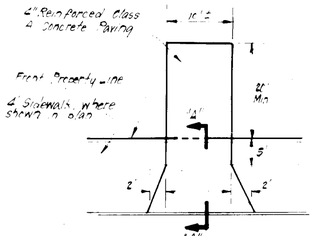
No SCALE



SECTION VIEW

STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)

No Scale



Note: Use Residential Driveway Entrance, How Co Design Manual Vol. IV, Fig. R-G.02, except where driveway abuts Modified Comb. Curb & Gutter.

Note: Material's and Construction shall be in accordance with How Co Road Construction Code. SECTION "A"-"A"

PLAN

DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER

No SCALE

Modified Combination Curb & Gutter - How Co. Design Manual Vol. IV Figure R-G.02.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 9-28-81

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 9-28-81
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. — DATE 9-28-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 9-21-81
DEPUTY DIRECTOR — DATE 9-21-81

Reviewed for HOWARD S.C.D
Name
Technical Requirements
Signature — Date 9-17-81
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved — Date 9-17-81

DEVELOPER'S BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this development 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."

B. James Greenfield — 8-7-81
Signature of Developer/Builder — Date
B. James Greenfield

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 — 8-7-81
G. Nelson Clark — Date

STATE OF MARYLAND — G. NELSON CLARK — No. 7199 — REGISTERED PROFESSIONAL ENGINEER

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-8-81

Plat Reference: Plat 4596

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED J.M.E.	SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN LOT 3 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 2 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN K.J.W.		DRAWING 1 of 1
CHECKED J.M.E.		JOB NO. 81-064
DATE 8-7-81	FOR: COLUMBIA BUILDERS INC. 606 American City Bldg. Columbia Maryland 21044	FILE NO. 81-064-X

SDP-82-20