

TEMPORARY SEEDING and STABILIZATION

1. Upon Completion temporary earth dikes shall immediately receive temporary seeding and preparation as described below.
2. Fertilizer: 200 lb/acre of 10-20-10 or equivalent.
3. Surface: Rate as required after compaction.
4. Seed: 20 lb/acre Italian Ryegrass plus 20 lb/acre annual ryegrass (before May 1) 20 lb/acre millet after May 1.
5. Mulching: 75' per 1000 ft.

Note... For individual lot bearings and distances, see Record Plat #18, Book 15, Folio 77

NOTE

GIVE 24 hr. NOTICE TO INSPECTORS & PERMITS BEFORE STARTING ANY EXCAVATION OR CONSTRUCTION (See 486-3000) OR CORRECTED AT DEVELOPER'S EXPENSE.

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE APR 11 1975

BEDIMENT CONTROL NOTES

1. During the layout of the sediment control devices shown on this plan, field adjustments can and will be made to insure that proper placement has been made to arrest and control any sediment that could leave the construction site.
2. All surface run-off from the construction site will be diverted through planned sediment control devices before it is allowed to leave the site.
3. For each stage, all sediment control devices shown on this plan will be constructed and in an operational condition before any earthmoving operations begin.
4. All sediment basins will be cleaned out when sediment reaches the elevations shown on the sediment control plan and details.
5. The completed storm drainage system shall be protected and kept free of any deposits of sediment.
6. All disturbed areas not planned for or requiring permanent seeding, and to be exposed in excess of 15 days, will immediately receive a temporary cover to control surface run-off, such as straw mulch.
7. The developer will be responsible for any sediment damages incurred from sediment leaving the construction site.
8. All areas shall be graded to provide positive drainage to sediment control structures.
9. At the end of each working day, all sediment control devices will be inspected for their intended purpose and maintained in an operational condition.

SEEDING NOTES

1. All disturbed area shall be seeded and mulched.
2. Seeded preparation - apply 1/2 lb. per 1000 square feet of lime and 23 lb. of 10-10-10 fertilizer or equivalent per 1000 sq. feet. Thoroughly mix into soil to minimum depth of 3".
3. Seeding - Use 40% Kentucky 31 Tall Fescue, 25% Kentucky Bluegrass, 10% Annual Ryegrass and 25% Red Fescue at the rate of 5 lb. per 1000 square feet.
4. Mulching - Use clean, unweathered, chopped small grain straw at the rate of 1 1/2 to 2 tons per acre. Mowing and harrowing shall be done on contour.

APPROVED for public water and sewerage systems, Howard County Health Department.
Signature: [Signature] DATE: 4/30/75

APPROVED Howard County Office of Planning and Zoning.
Signature: [Signature] DATE: 5-1-75

APPROVED for public water, public sewerage and storm drainage systems and roads, Howard County Department of Public Works.
Signature: [Signature] DATE: 4/22/75

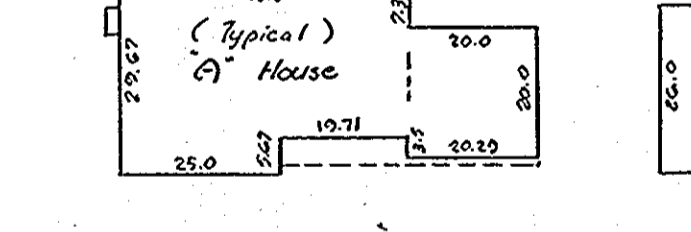
Reviewed for HOWARD and Meck's Technical Requirements.
Signature: [Signature] DATE: 4/17/75

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard County Soil Conservation District.
Signature: [Signature] DATE: 4/17/75

APPROVED [Signature] HOWARD COUNTY, M.D.

SITE ANALYSIS

1. TOTAL AREA OF LOTS: 5.201 Ac.
2. AREA DISTURBED: 4.074 Ac.
3. AREA TO BE PAVED OR ROOFED: 0.933 Ac.
4. AREA TO BE STABILIZED: 3.141 Ac.
5. AREA TO BE LEFT NATURAL: 1.127 Ac.

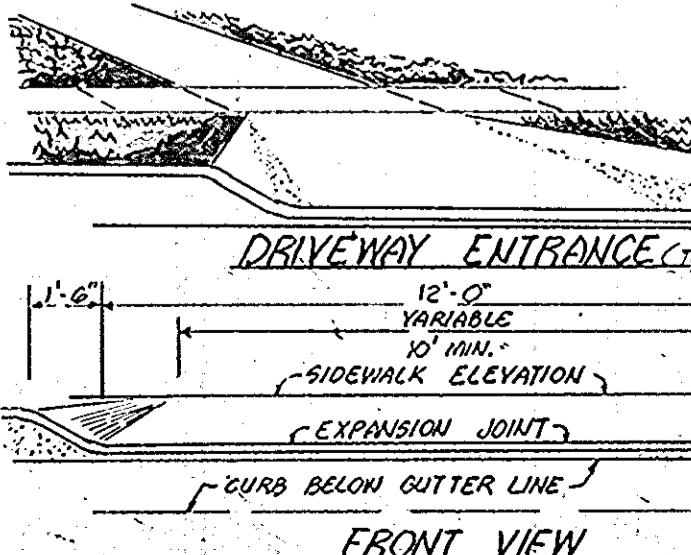


Note... Reverse Sequence

SEQUENCE OF CONSTRUCTION

- STAGE I (Lots 147-154)**
1. Construct all Sediment Control Devices as shown for above lots including Sediment Trap #1.
 2. Rough Grade Lots 147-154 and excavate for basements.
 3. Place straw bales as shown along front of lots.
 4. Construct houses on Lots above.
 5. Finish Grade Lots above.
 6. Spread seed and mulch per Seeding Notes for above Lots.
 7. Allow 3 weeks for ground cover stabilization.
 8. Remove Sediment Control and seed disturbed areas. Pave driveways.
- STAGE II (Lots 155-162)**
1. Construct Sediment Control including Trap #2.
 2. Excavate basements and construct houses.
 3. Finish grade.
 4. Apply seed and mulch.
 5. Allow 3 weeks for stabilization.
 6. Remove Sediment Control devices, seed disturbed areas and pave driveways.

Completion Time	Completion Date
1 Week	April 4
1 Week	April 11
2 Days	April 11
4 Weeks	May 9
1 Week	May 16
1 Week	May 16
3 Weeks	June 6
1 Week	June 6
2 Days	June 5
4 Weeks	July 3
1 Week	July 10
1 Week	July 11
3 Weeks	August 1
2 Days	August 5



BEDIMENT TRAP #1

Drainage Area to trap: 2.1 Ac.
Disturbed Area: 1.5 Ac.
Volume Required: 28.4 Cu. yds.
Volume Available: 117 Cu. yds.
Size of trap: 60' x 35' x 3'

BEDIMENT TRAP ELEVATIONS

Bottom elev.	Clean Out elev.	Filter width (ft)
295'	401'	5'
413'	416'	5'
401'	404'	5'

NOTE... Utilities as per Howard County Metropolitan Commission Contract NSC-259-145 Div. #172

LOT AREAS

147	21,289	155	12,600
148	16,710	156	15,600
149	12,650	157	13,999
150	12,660	158	13,868
151	12,337	159	14,116
152	13,052	160	14,716
153	15,748	161	13,763
154	13,721	162	13,544

1. By the Developer:
"I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control", and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."
Signature: [Signature] DATE: 2/28/75

By the Engineer:
"I 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: [Signature] DATE: 2/27/75

SITE DEVELOPMENT and SEDIMENT CONTROL PLAN
LOTS 147 thru 162 COLUMBIA
AREA 2 Village of Oakland Mills SECTION 1
Thunder Hill
6th ELECTION DISTRICT
HOWARD COUNTY MARYLAND

DESIGNED BY: B.A.
SCALE: 1" = 30'. DATE: MAY 1975. PHONE: 864-5620

DRAWN BY: B.A.
LIGHT, ELLIOTT AND ASSOC.
ENGINEERS PLANNERS SURVEYORS
6219 BALTIMORE AVE. RIVERDALE, MD. 20840

APPROVED BY: [Signature]
JOB NO. F-5665
FILE NO. L.S.218