



STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

Using vegetation as cover for barren soil to protect it from erosion... Vegetative stabilization specifications are used to promote the establishment of vegetation...

- A. Site Preparation
i. Install erosion and sediment control structures...
ii. Perform all grading operations at right angles to the slope...
iii. Schedule required soil tests to determine soil amendment composition...

- B. Soil Amendments (Fertilizer and Lime Specifications)
i. Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer...

- C. Seeded Preparation
i. Seeded preparation shall consist of loosening soil to a depth of 3" to 5" by means of suitable agricultural or construction equipment...

- D. Seed Specifications
i. All seed must meet the requirements of the Maryland State Seed Law...
ii. Seed tags shall be made available to the inspector to verify type and rate of seed used...

- E. Method of Seeding
i. Hydroseeding: Apply seed uniformly with hydroseeder...
ii. Dry Seeding: This includes use of conventional drop or broadcast spreaders...

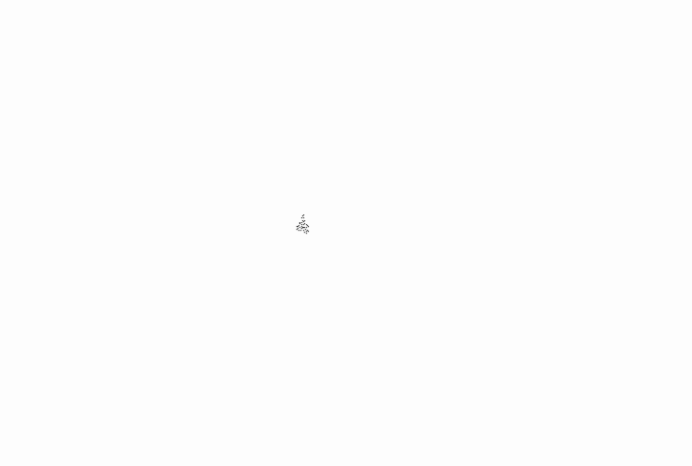
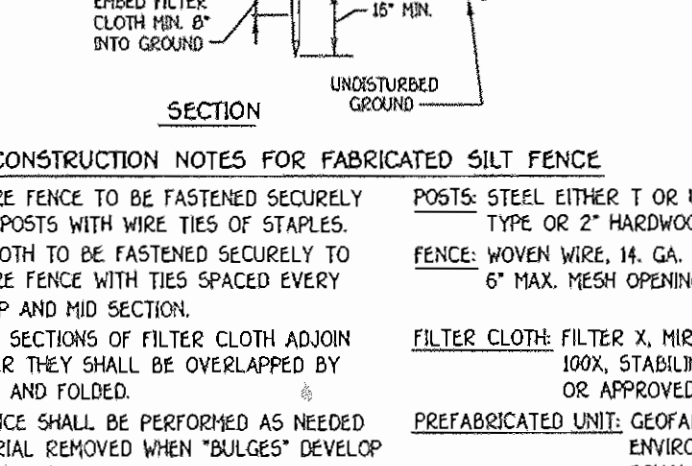
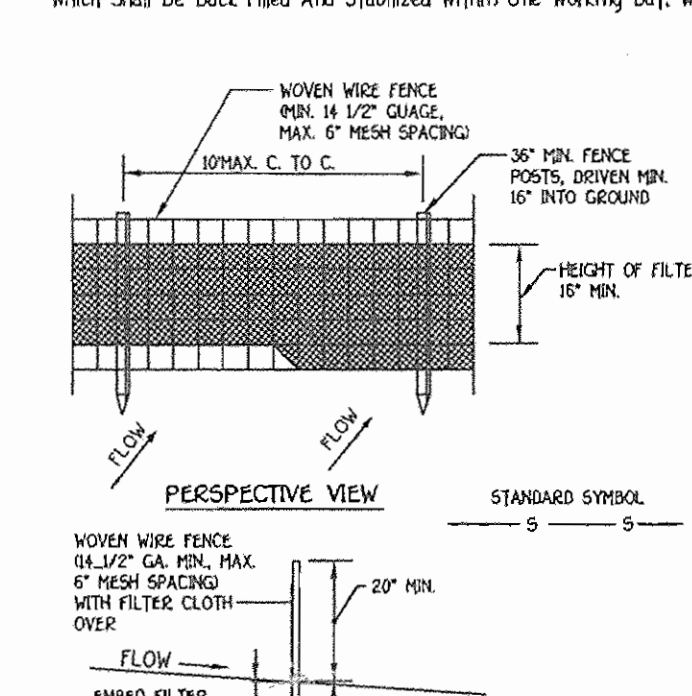
- F. Mulch Specifications
i. Straw: Straw shall consist of thoroughly threshed wheat, rye or oat straw...
ii. Wood Cellulose Fiber Mulch (WCFM): WCFM shall consist of specially prepared wood cellulose processed into a uniform fibrous physical state...

- G. Mowing Seeded Areas
i. If grading is completed outside of the seeding season, mowing shall be applied as prescribed in this section and maintained until the seeding season returns and seeding can be performed in accordance with these specifications...

- H. Securing Straw Mulch (Muck Anchoring)
i. A muck anchoring tool is a tractor drawn implement designed to punch and anchor muck into the soil...
ii. Application of liquid binders should be heavier at the edges where wind catches such as in valleys and areas of gullies...

SEDIMENT CONTROL NOTES

- 1. A Minimum of 48 Hours Notice Must be Given To The Howard County Department of Inspections, Licenses and Permits, Sediment Control Division Prior To The Start Of Any Construction (333-1955).
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 Most Current Maryland Standards And Specifications For Soil Erosion And Sediment Control And Revisions Thereto...



PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITE LIME...
SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE...

TEMPORARY SEEDING NOTES

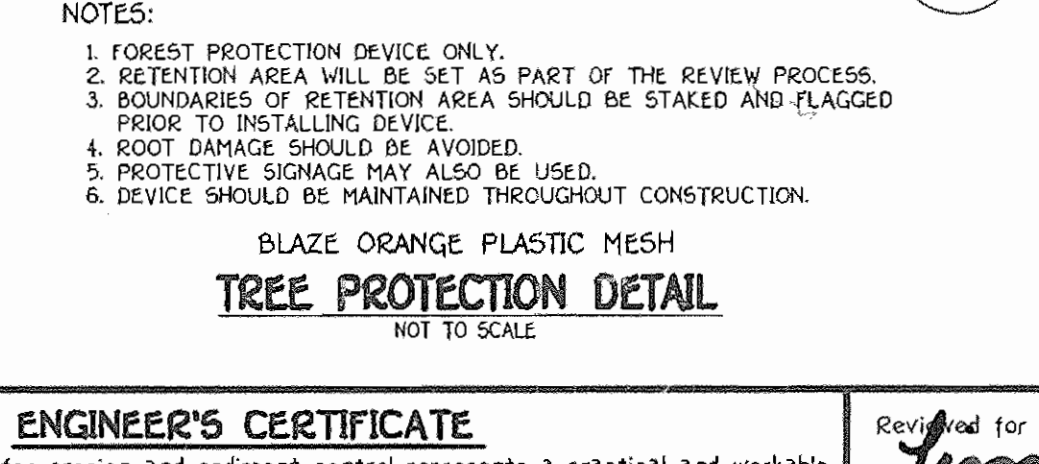
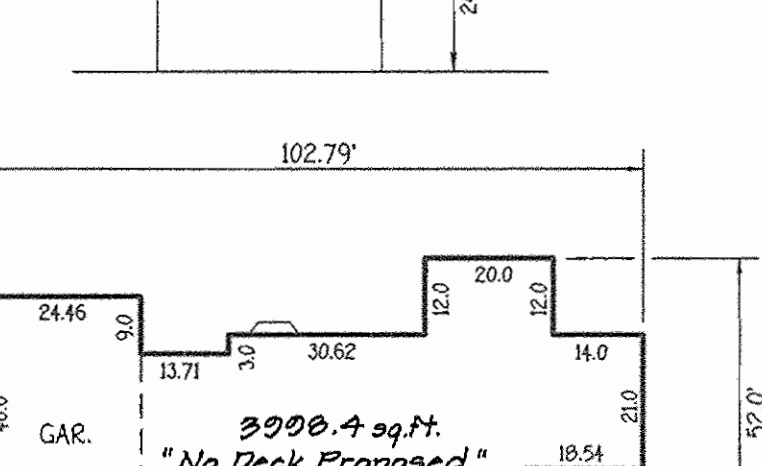
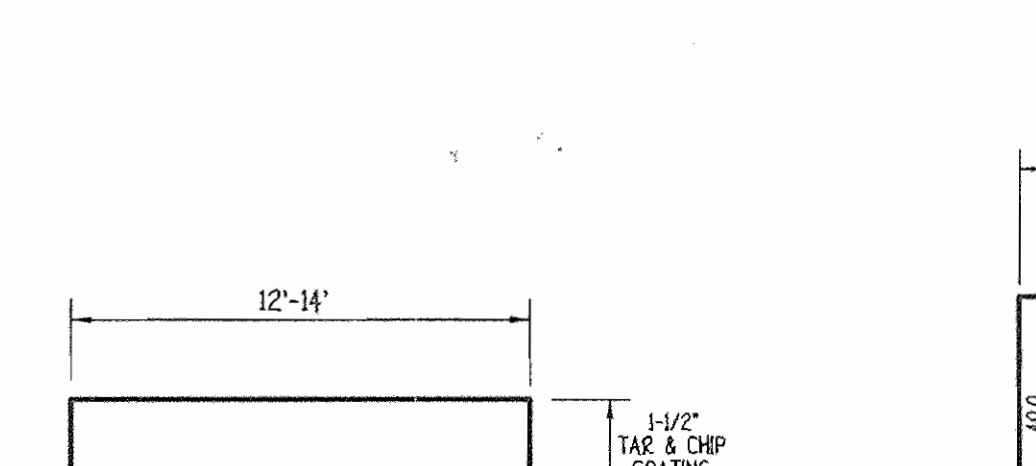
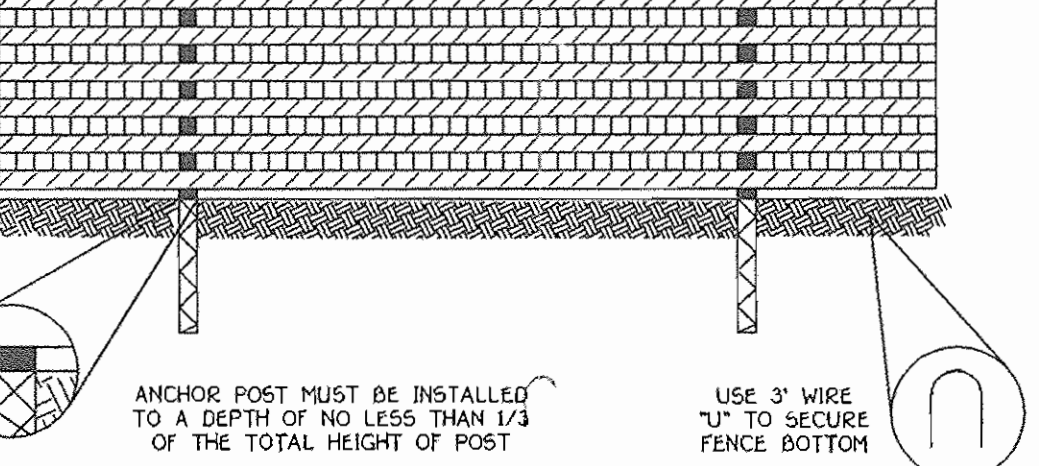
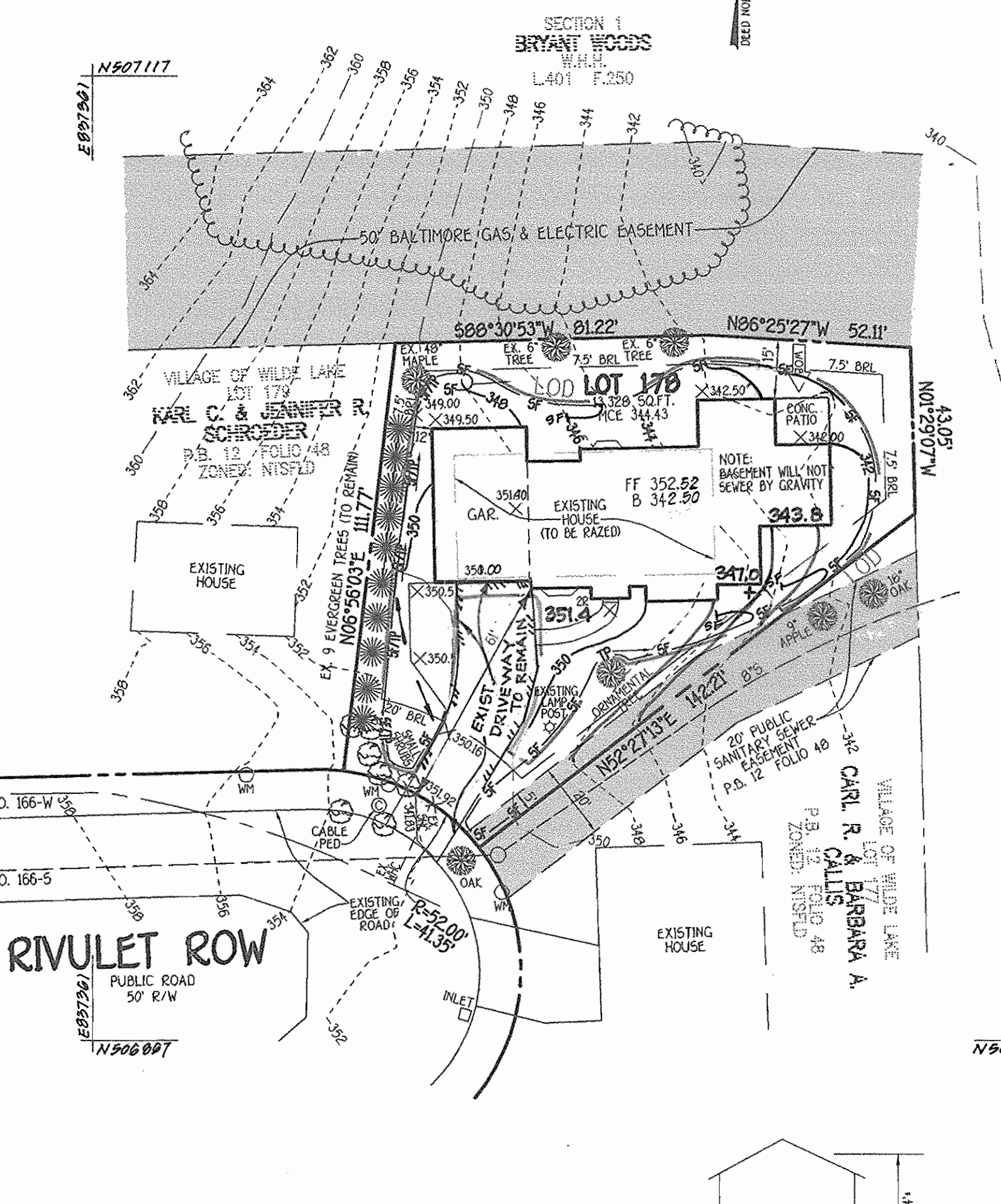
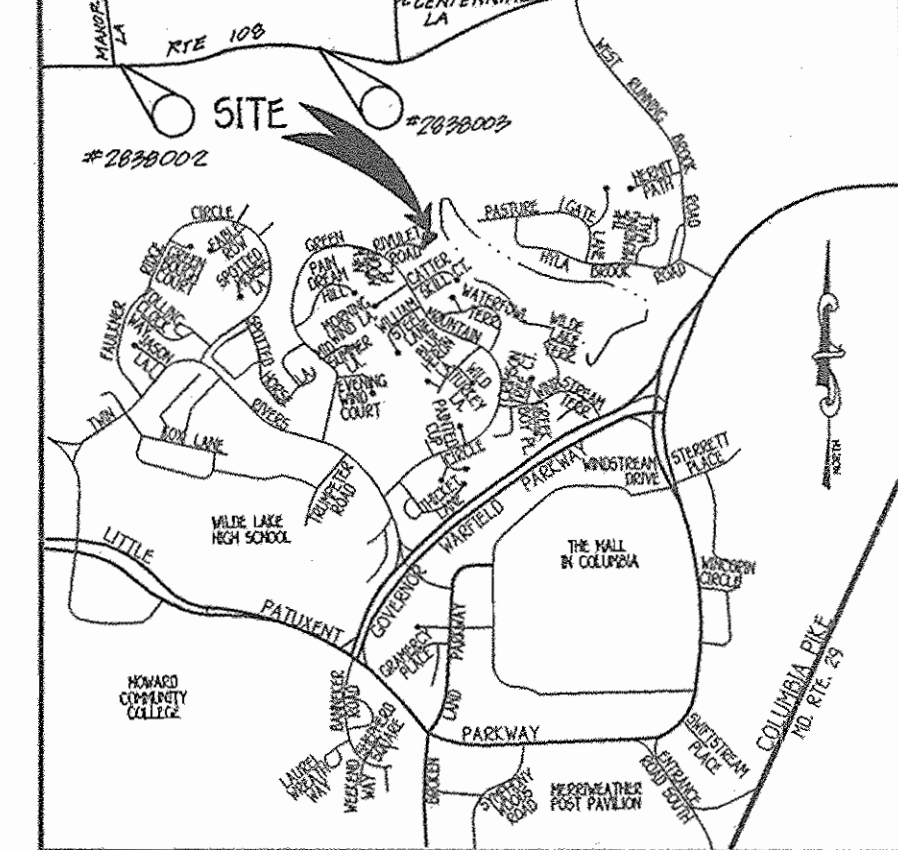
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER...
SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 100 LBS. PER ACRE...

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT. 1 DAY
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH. 1 DAY
4. INSTALL TEMPORARY SEEDING. 1 DAY
5. CONSTRUCT BUILDINGS. 2 MONTHS
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 1 DAY
7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY EPA CONTROL INSPECTOR. 2 DAYS

GENERAL NOTES

- 1. SUBJECT PROPERTY ZONED NTSFMD PER 10/19/93 COMPREHENSIVE ZONING PLAN.
2. TOTAL AREA OF SITE: 0.306 ACRES.
3. TOTAL NUMBER OF LOTS SUBMITTED: 1 SINGLE FAMILY DETACHED.
4. MAXIMUM LOT COVERAGE PERMITTED IS 30%.
5. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT 4100 313-8900 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK...



FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS. CENTENNIAL SQUARE OFFICE PARK - 3072 BALTIMORE NATIONAL PIKE. REVISED: 6-22-07

STATE OF MARYLAND EARL D. COLLINS PROFESSIONAL ENGINEER. ENGINEER'S CERTIFICATE: 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...

DEVELOPER'S CERTIFICATE: I/We certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program...

DEVELOPER/OWNER/BUILDER: JOHN F. STEWART, 10599 RIVULET ROW, COLUMBIA, MARYLAND 21044. APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. Chief, Building and Development: 8/27/04. Chief, Development Engineering Division: 8/27/04.

ADDRESS CHART: LOT NUMBER, STREET ADDRESS. 178, 10599 RIVULET ROW. LEGEND: SYMBOL, DESCRIPTION. --- EXISTING CONTOUR 2' INTERVAL, --- EXISTING CONTOUR 10' INTERVAL, --- PROPOSED CONTOUR, +362.2 FIRST FLOOR ELEVATION, +362.2 SPOT ELEVATION, B BASEMENT ELEVATION, --- PROPOSED WALKOUT, --- SILT FENCE, --- TREE PROTECTION, --- LIMIT OF DISTURBANCE, --- EXISTING TREES (TO REMAIN).

SITE & SEDIMENT/EROSION CONTROL PLAN. SINGLE FAMILY DETACHED COLUMBIA VILLAGE OF WILDE LAKE SUBDIVISION SECTION 1 LOT 178. TAX MAP NO.: 30 PARCEL NO.: 241 GRID NO.: 19. FIFTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND. SCALE: 1\"/>