Erosion and 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. (410-313-1880).

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.

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, Chapter 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 seeding (Spec. 51), and (Spec. 54), temporary seeding (Spec. 58) and mulching (Spec. 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:

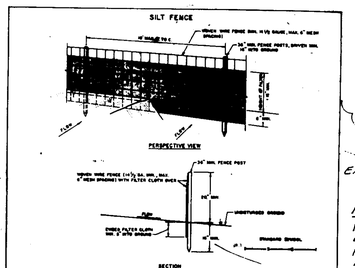
Total Area of Site	0.334	Acres
Area Disturbed	0.178	Acres
Area to be roofed or paved	0.045	Acres
Area to be vegetatively stabilized	0.133	Acres
Total Cut	100	Cu. Yds.
Total Fill	100	Cu. Yds.
Offsite waste/borrow area location	ON-SITE BALANCE	

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 Sediment Control Inspector.

10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be required 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) Trenches for the construction of utilities be limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

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 TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NECESSARY AND MATERIAL REPAIRED OR REPLACED AS NEEDED TO KEEP FENCE IN GOOD WORKING CONDITION.

POSTS: STEEL EITHER T OR U TYPE OR WOODEN

FENCE: WOVEN WIRE, 14½ GA. MINIMUM, 6 INCH MAXIMUM SPACING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

U.S. DEPARTMENT OF AGRICULTURE	SILT FENCE	STANDARD DRAWING
SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND		SF-1

HOWARD SOIL CONSERVATION DISTRICT

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, disking 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 acres dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 33-0-0 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 disk 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 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 of well anchored straw mulch and reseed 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 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 349 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

Maintenance -- Inspect all seeding 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.

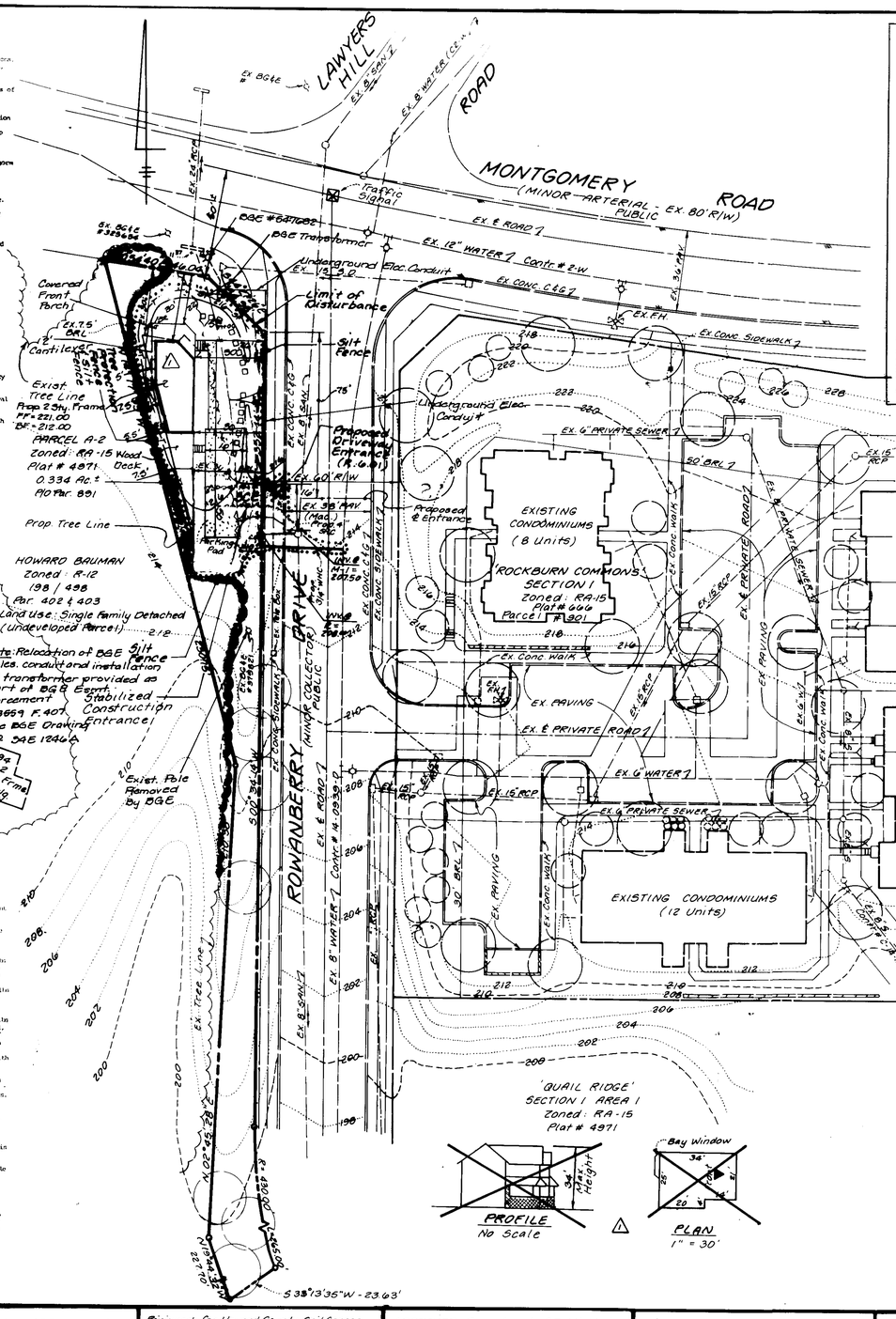
Seedbed Preparation: -- Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 October 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft.). For the period May 1 thru August 14, seed with 2 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 unrotted weed free 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 349 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 additional rates and methods not covered.


LAWYERS HILL ROAD
MONTGOMERY ROAD (MINOR ARTERIAL - PUBLIC - EX. 80' R/W)
ROWANBERRY DRIVE (MINOR COLLECTOR PUBLIC)
Ex. BGE #3896586
BGE #8471662
BGE Transformer
Underground Elec. Conduit
Ex. 15" S.D.
Limit of Disturbance
Silt Fence
Ex. 12" WATER & Contr. # 2-W
Ex. CONC. C&G
Ex. FH.
Ex. CONC. SIDEWALK
Covered Front Porch
Ex. 7.5' BRL
Cantilever
Exist. Tree Line
Prop. 2 Sty. Frame
FF=231.00
BF=212.00
PARCEL A-2
Zoned: RA-15 Wood Deck
Plat # 4871
0.334 Ac.±
P/O Par. 891
Prop. Tree Line
HOWARD BAUMAN
Zoned: R-12
498 / 498
Par. 402 & 403
Ex. Land Use: Single Family Detached (undeveloped Parcel)
Note: Relocation of BGE poles, conduit and installation of transformer provided as part of BGE Easement Agreement L. 3659 F. 407. See BGE Drawing Nº 3AE 12466
#6896 Ex. 2 Sty. Frame Dwlg.
Ex. Pole Removed by BGE
Ex. 60' R/W
Proposed Driveway Entrance (R-Cut)
Ex. 36" RCP (Mac) Proj.
Ex. 18" RCP
Ex. 8" WATER & Contr. # W-0939-D
Ex. 8" SEWER
Ex. Tree Line
EXISTING CONDOMINIUMS (8 Units)
ROCKBURN COMMONS SECTION I Zoned: RA-15 Plat # 666 Parcel 'I' # 901
Proposed Entrance
Ex. CONC. SIDEWALK
Ex. CONC. WALK
Ex. 6" PRIVATE SEWER
Ex. 8" PRIVATE ROAD
Ex. PAVING
Ex. 6" WATER
EXISTING CONDOMINIUMS (12 Units)
50' BRL
30' BRL
Ex. Conc. Block Wall
Ex. Conc. Walk
Ex. Fire Hydrant
Ex. Gas Valve
Ex. Water Valve
Ex. Sign
Ex. Light
Ex. Inlet
Ex. Manhole
Ex. Curb Inlet
Ex. Gas Line
Ex. Overhead Wires
Ex. Tree
Ex. Shrub
Ex. Bush
Ex. Fence
Ex. Bollard
Ex. Mailbox
Ex. Flag Pole
Ex. Utility Pole
Ex. Guy Wire
Ex. Gas Meter
Ex. Electric Meter
Ex. Telephone Pedestal
Ex. Cable TV Pedestal
Ex. Electric Transformer
Ex. Telephone Manhole
Ex. Cable TV Manhole
Ex. Electric Manhole
Ex. Gas Manhole
Ex. Storm Drain Manhole
Ex. Sanitary Manhole
Ex. Storm Drain Inlet
Ex. Sanitary Cleanout
Ex. Monitoring Well
Ex. Test Hole
Ex. Soil Boring
Ex. Perc Test
Ex. Deep Test
Ex. Bench Mark
Ex. Survey Control Station
Ex. Survey Monitor
Ex. Survey Property Corner
Ex. Survey Property Line
Ex. Survey Easement
Ex. Survey Right-of-Way
Ex. Survey Building Restriction Line
Ex. Survey Setback Line
Ex. Survey Lot Line
Ex. Survey Block Line
Ex. Survey Subdivision Line
Ex. Survey Section Line
Ex. Survey Tract Line
Ex. Survey Boundary Line
Ex. Survey Meander Line
Ex. Survey Shoreline
Ex. Survey Mean High Water Line
Ex. Survey Mean Low Water Line
Ex. Survey Tidal Wetlands
Ex. Survey Nontidal Wetlands
Ex. Survey Wetlands Buffer
Ex. Survey Floodplain
Ex. Survey Stream
Ex. Survey Pond
Ex. Survey Lake
Ex. Survey Reservoir
Ex. Survey Dam
Ex. Survey Levee
Ex. Survey Bridge
Ex. Survey Culvert
Ex. Survey Ford
Ex. Survey Road
Ex. Survey Railroad
Ex. Survey Trail
Ex. Survey Path
Ex. Survey Sidewalk
Ex. Survey Curb
Ex. Survey Gutter
Ex. Survey Pavement
Ex. Survey Parking
Ex. Survey Loading Space
Ex. Survey Handicap Space
Ex. Survey Fire Lane
Ex. Survey Crosswalk
Ex. Survey Stop Bar
Ex. Survey Yield Bar
Ex. Survey Speed Bump
Ex. Survey Traffic Island
Ex. Survey Traffic Signal
Ex. Survey Traffic Sign
Ex. Survey Traffic Control Device
Ex. Survey Traffic Control Box
Ex. Survey Traffic Control Cabinet
Ex. Survey Traffic Control Pedestal
Ex. Survey Traffic Control Post
Ex. Survey Traffic Control Arm
Ex. Survey Traffic Control Mast
Ex. Survey Traffic Control Signal
Ex. Survey Traffic Control Light
Ex. Survey Traffic Control