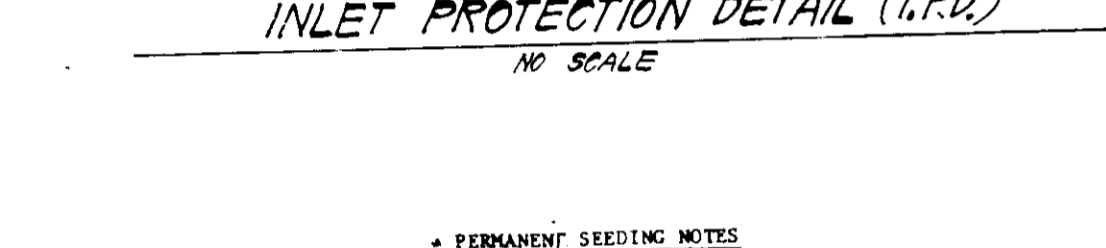


**CONSTRUCTION SPECIFICATIONS:**  
 1. A wooden frame is to be constructed of 2x4" construction grade lumber.  
 2. The mesh must be of sufficient strength to support filter fabric, and also for curb inlets, with water fully impounded against it.  
 3. Filter cloth must be of a type approved for this purpose resistant to sunlight with a minimum UV rating of 60% to allow sufficient passage of water and removal of sediment.  
 4. Slope to be 1/4" per foot and clean sweep from down the cloth.

**II. PROCEDURE: SWALE OUTLINE OR VARIETY PROTECTION**  
 1. Excavate completely around inlet to a depth of 18" below notch elevation.  
 2. Drive 2x4 posts 1" into ground at their corners at 2' intervals between posts on ends of inlet. Assemble two portion of 2x4 frame using over lap joint shown. Top of frame (not) must be 6" below edge of roadway adjacent to inlet.  
 3. Stretch wire mesh tightly around frame and fabric accordingly. Ends must meet at post.  
 4. Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch level. Position securely to frame. Ends must meet at post. Be overlapped and fasten in completed 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.  
 5. Backfill around inlet with 1/4" sand or clean sweep from down the cloth.  
 6. If the inlet is not to a low point, consider compacted earthfill in the ditch line to the top of the earthfill is to be at least 6" higher than the top of frame (not).

**II. PROCEDURE: CURB INLET PROTECTION**  
 1. Attach a continuous mesh of wire mesh (30mm width by throat length plus 4" to the 2x4 frame (throat length plus 2" to the down the side).  
 2. Place a layer of approved filter cloth (30-60 mesh) of the same dimensions as the wire mesh and the wire mesh and securely attach to the 2x4 wall.  
 3. Securely nail the mesh to the concrete gutter and nail (min. 2" lengths of 2x4" to the top of the mesh at spaced openings. These 2x4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.  
 4. The assembly shall be placed so that the anchors are a min. 1" beyond each curb on both sides of the inlet. Place clean 1/4" sand over the mesh and filter fabric in the gutter as a minimum 1" to be covered. Water from street to the gutter or driveway filter cloth.  
 5. This type of protection must be inspected frequently and the filter cloth and clean rapidly when clogged with sediment.  
 6. Assume that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow to inlet.



**PERMANENT SEEDING NOTES**  
 Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Soil Amendments:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.  
 In lieu of soil test recommendations, use one of the following schedules:  
 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lb/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lb/1000 sq ft) before seeding.  
 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lb/1000 sq ft) before seeding.  
 3) Not acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lb/1000 sq ft) before seeding.  
 4) Not acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lb/1000 sq ft) before seeding.

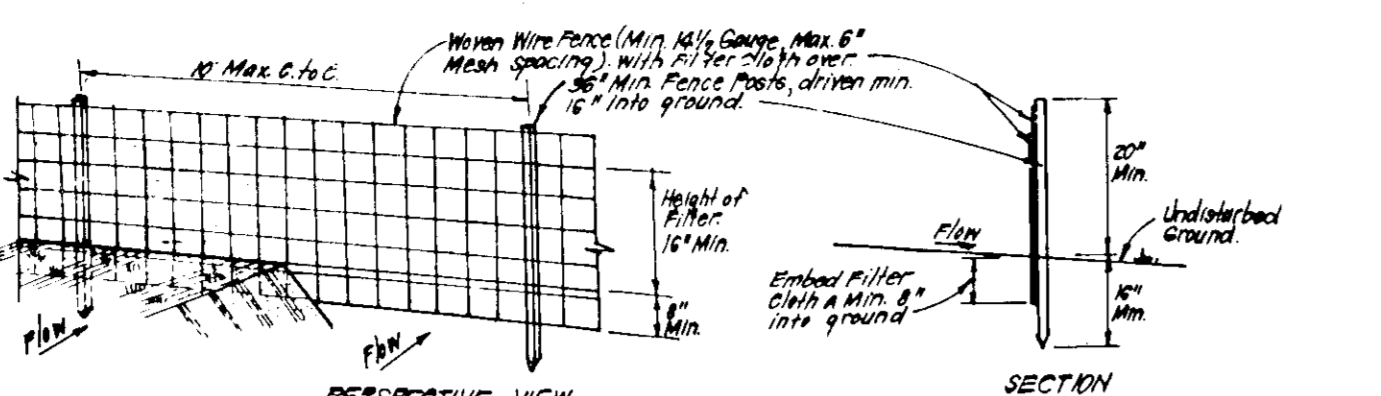
**Seeding -** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lb/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre three July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (3.5 lb/1000 sq ft) of seeding 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 seed as soon as possible in the spring. Option (2) use seed. 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 lb/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 348 gallons per acre (9 gal/1000 sq ft) for anchoring.

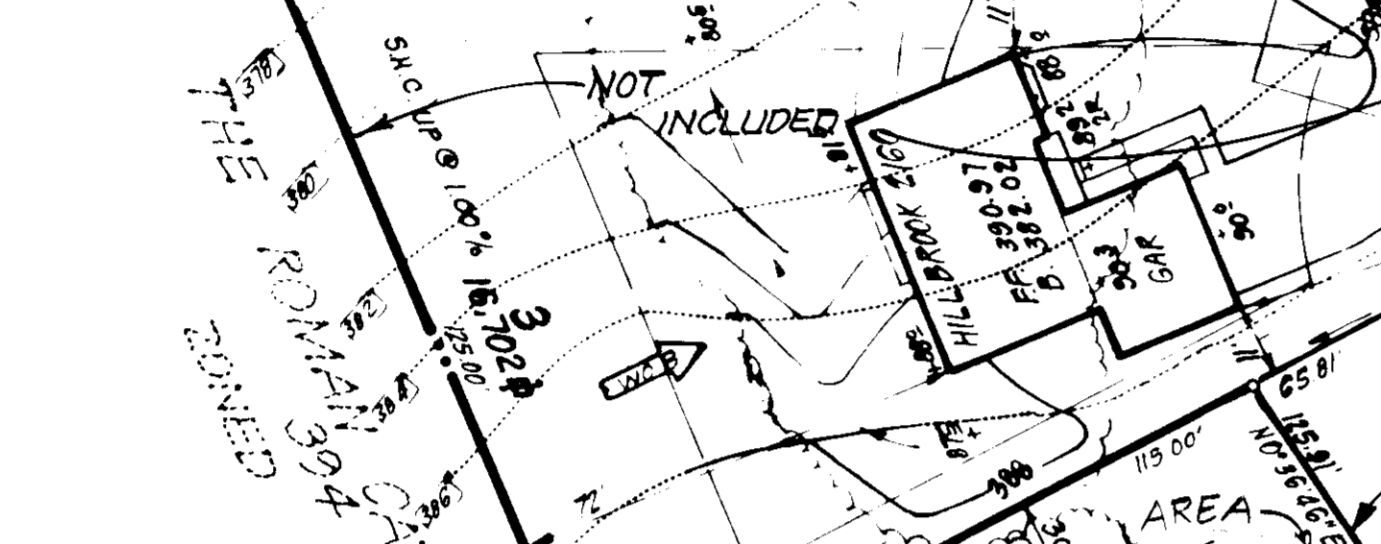
**Maintenance -** Inspect all seeded areas and make needed repairs, replacements and reseedings.  
**TEMPORARY SEEDING NOTES**  
 Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.  
**Serbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.  
**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lb/1000 sq ft)

**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 bushel per acre of annual ryegrass (3.2 lb/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lb/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 seed.  
**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lb/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 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.

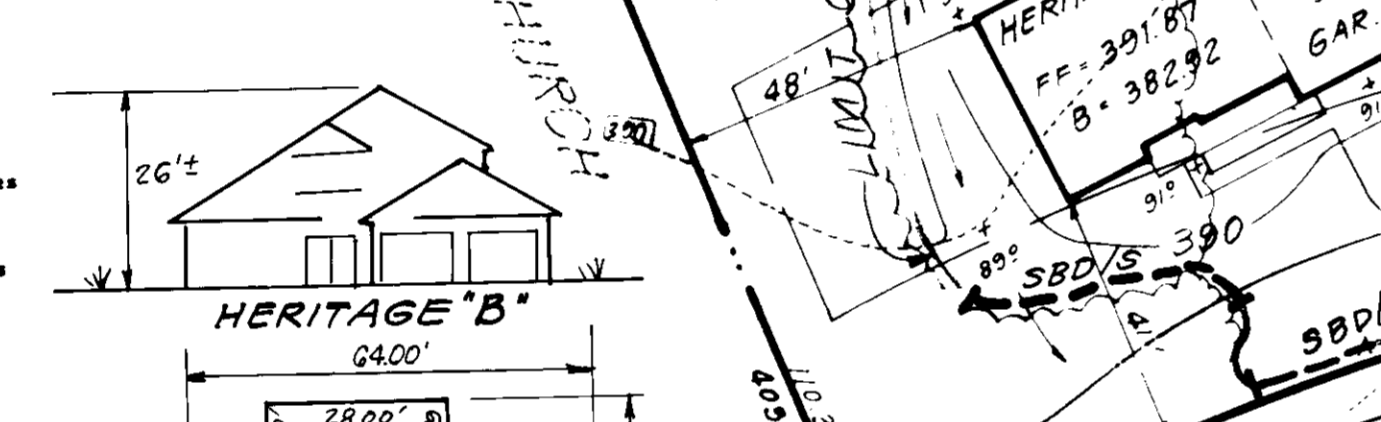
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 8-18-86  
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 PLANNING DIRECTOR: [Signature] DATE: 8-18-86  
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 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 8-18-86  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 8-18-86



**CONSTRUCTION SPECIFICATIONS:**  
 1. Weave wire mesh to be fastened securely to fence posts with wire ties or staples.  
 2. Filter cloth to be fastened securely to mesh wire fence with ties spaced every 36" at top and mid section.  
 3. When 2 sections of filter cloth join each other they shall be fastened by 6" and spaced.  
 4. Maintenance shall be performed as needed and material removed when "blow" develop in silt fence.

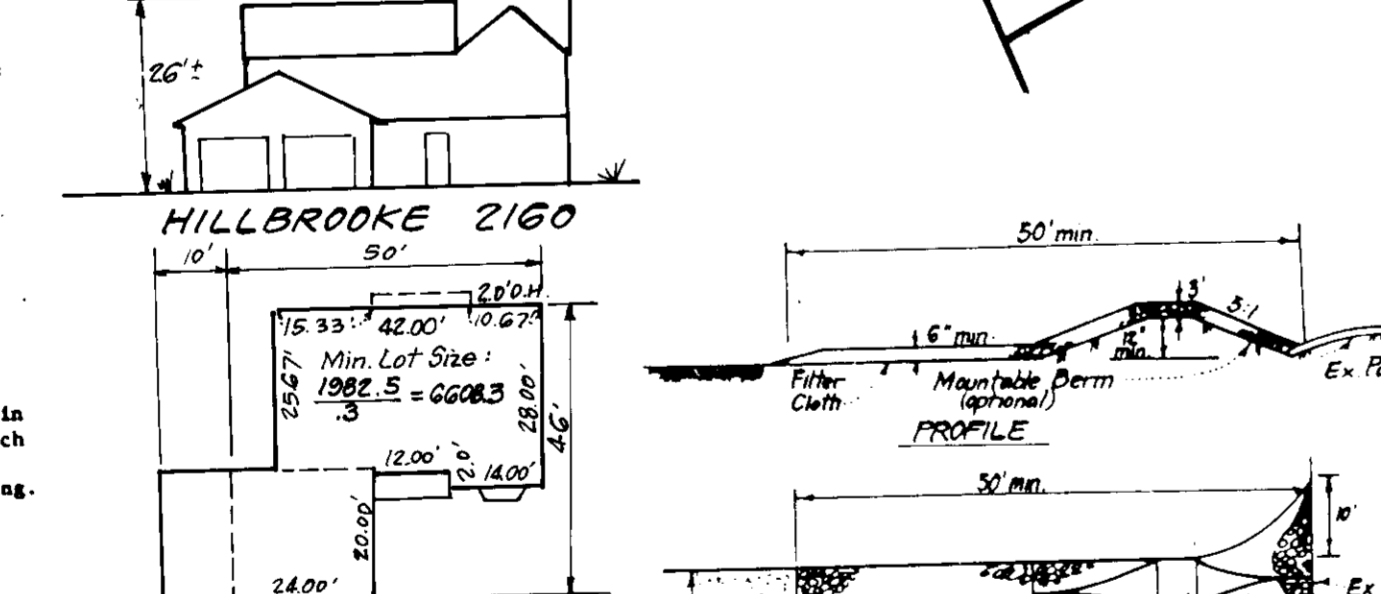


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 9. Periodic inspection and needed maintenance shall be provided after each rain.



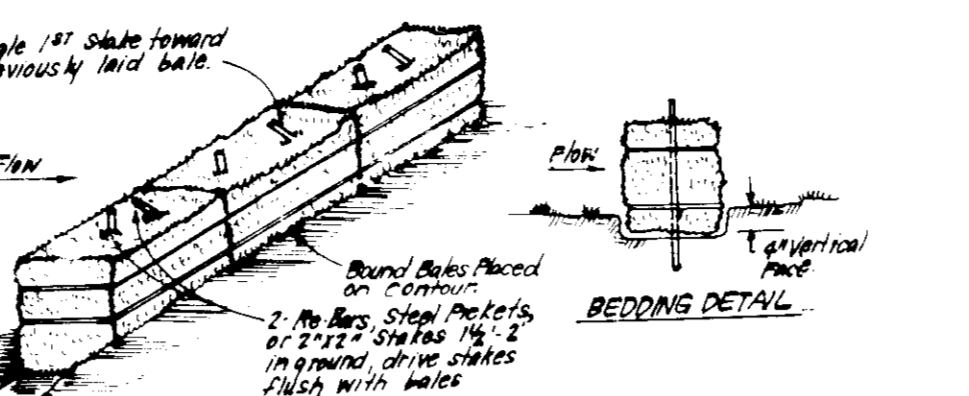
**CONSTRUCTION SEQUENCE**

Task	No. of Days
1. Obtain grading permit & install Sediment & Erosion Control Devices and stabilize.	3
2. Excavate for foundations, rough grade & temporarily stabilize.	10
3. Construct structures, sidewalks & driveways.	60
4. Final grade & stabilize in accordance with Sids & Specs.	10
5. Upon approval of the sediment control inspector, remove sediment & erosion controls & stabilize.	1

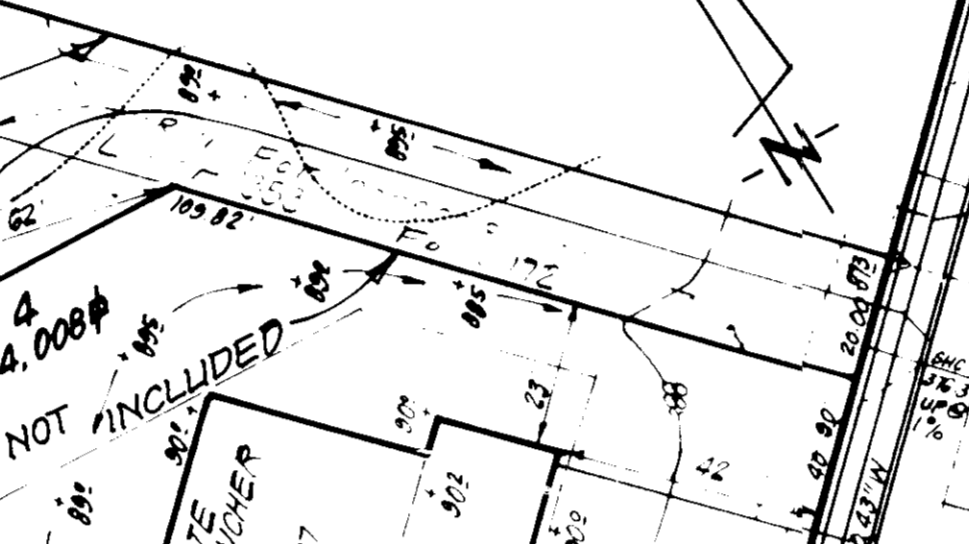
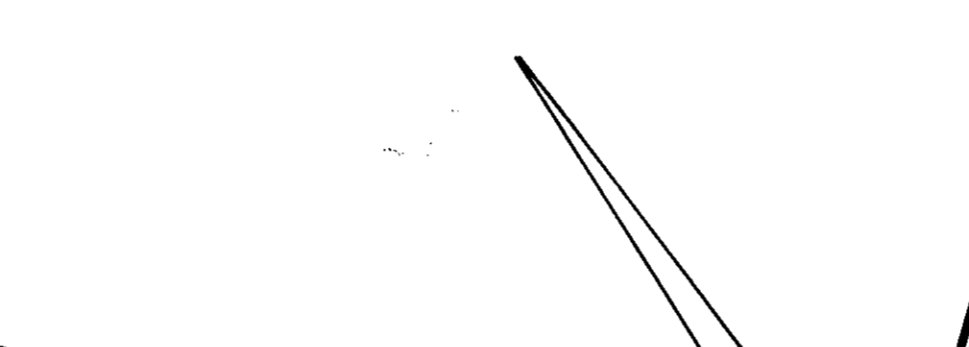


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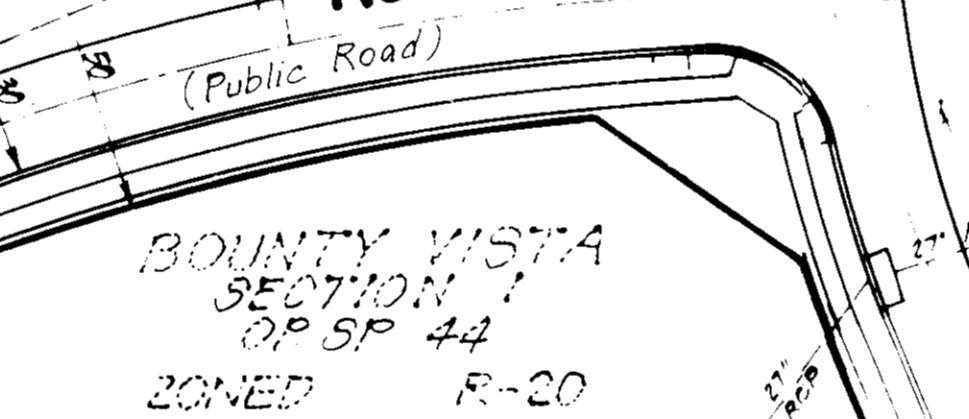


**CONSTRUCTION SPECIFICATIONS:**  
 1. Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.  
 2. Each bale shall be embedded in the soil a minimum of 2 inches and the bales are horizontal.  
 3. Bales shall be secured in place by either 2 stakes or 1 rebar driven thru the bale.  
 4. The stakes in each row shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven 1 foot with the bale.  
 5. Inspection shall be frequent and repair/replacement shall be made promptly as needed.  
 6. Bales shall be removed when they have served their usefulness as a net to block or impede storm flow or drainage.

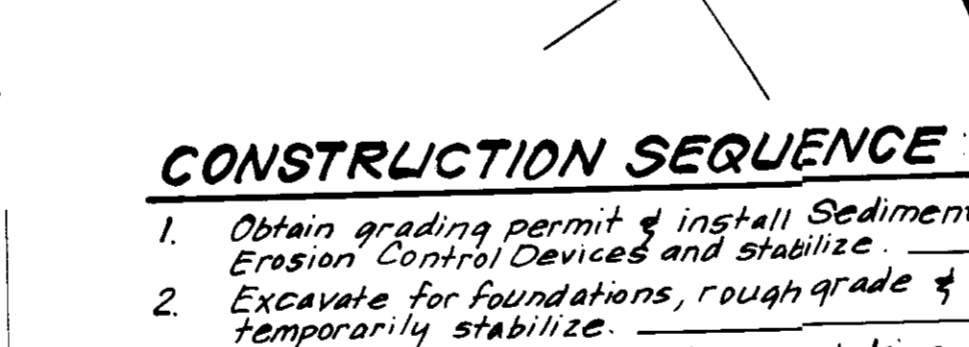


**CONSTRUCTION SPECIFICATIONS:**  
 1. All dikes shall be compacted by earth-moving equipment.  
 2. All dikes shall have positive drainage to an outlet.  
 3. Top width may be wider and side slopes may be flatter if desired to facilitate mowing by construction equipment.  
 4. Mesh location should be adjusted as needed to utilize a stabilized soil mat.  
 5. Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment adequately stabilized.  
 6. Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per other notes.

**GENERAL NOTES:**  
 1. The land included is zoned R-20.  
 2. All coordinates are based on the Maryland State Grid System.  
 3. The area covered is located on Tax Map #24, P.702  
 4. All roadways are public and existing.  
 5. Total area is 0.7880 Acres.  
 6. Total number of Lots: 2  
 7. Any damage to County owned rights-of-way shall be corrected at the developer's expense.  
 8. The contractor or developer shall contact the Construction Inspection Survey Division, 24 hours in advance of commencement of work, at 792-7272  
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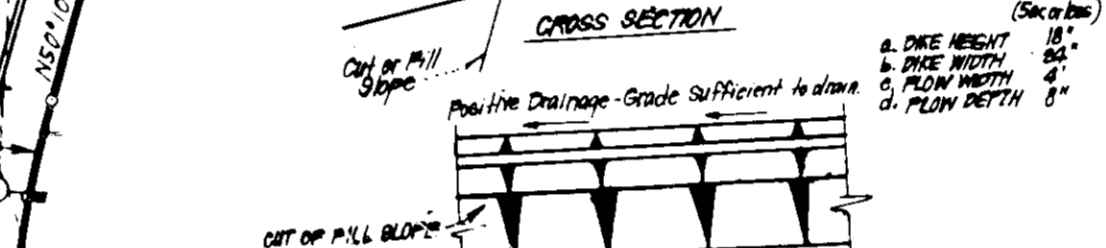
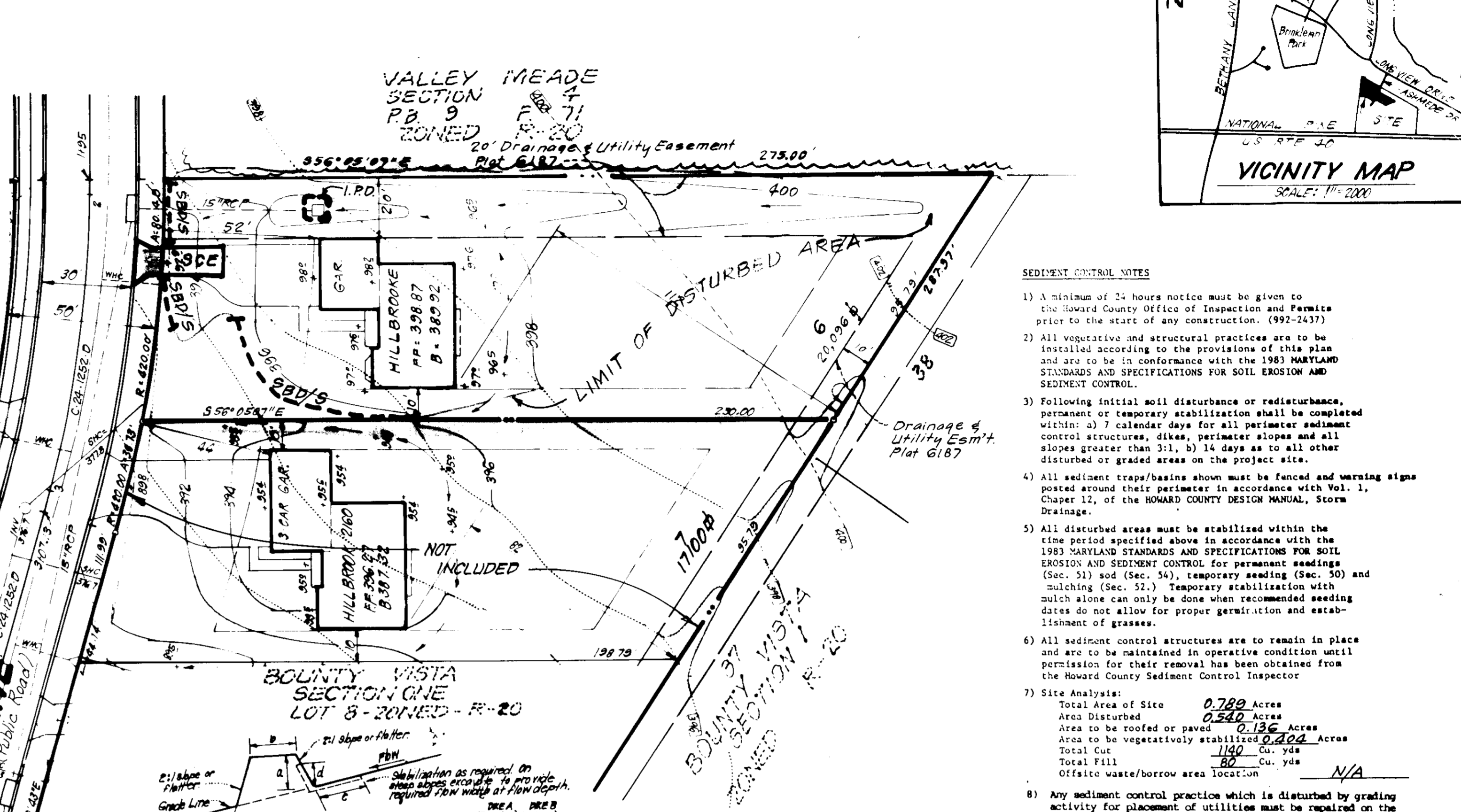
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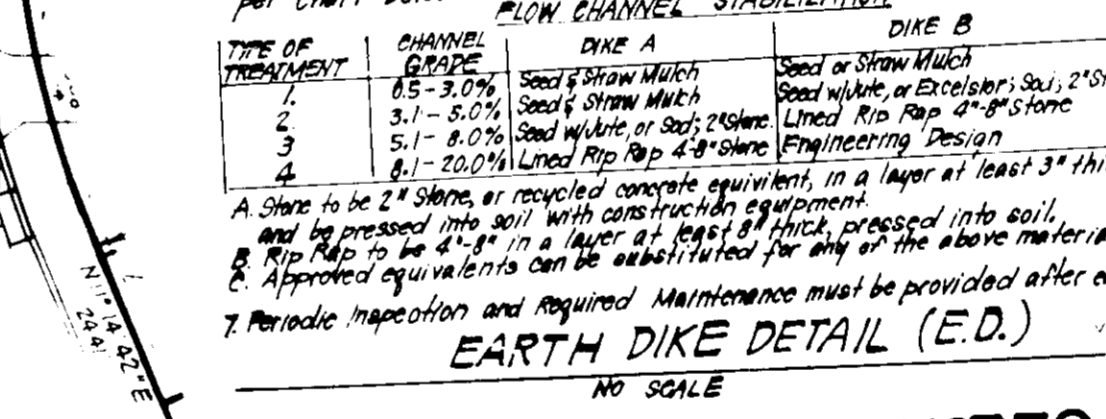
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6	3605	Ashmede Drive

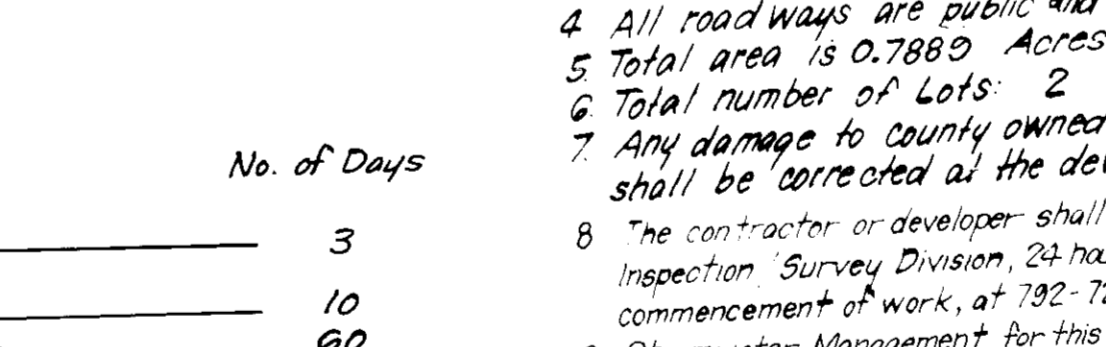
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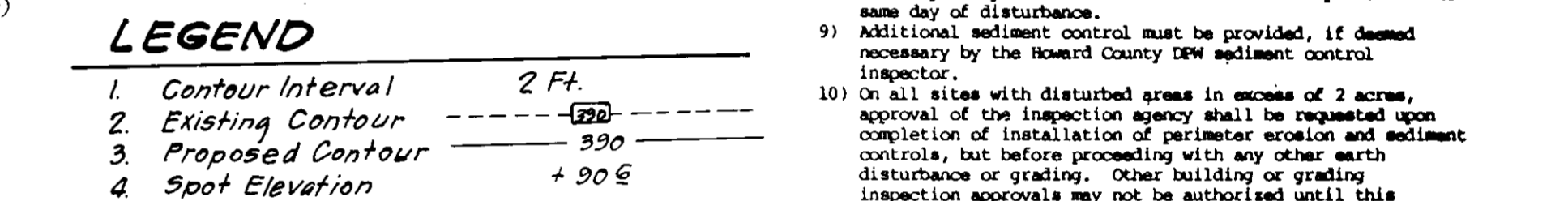
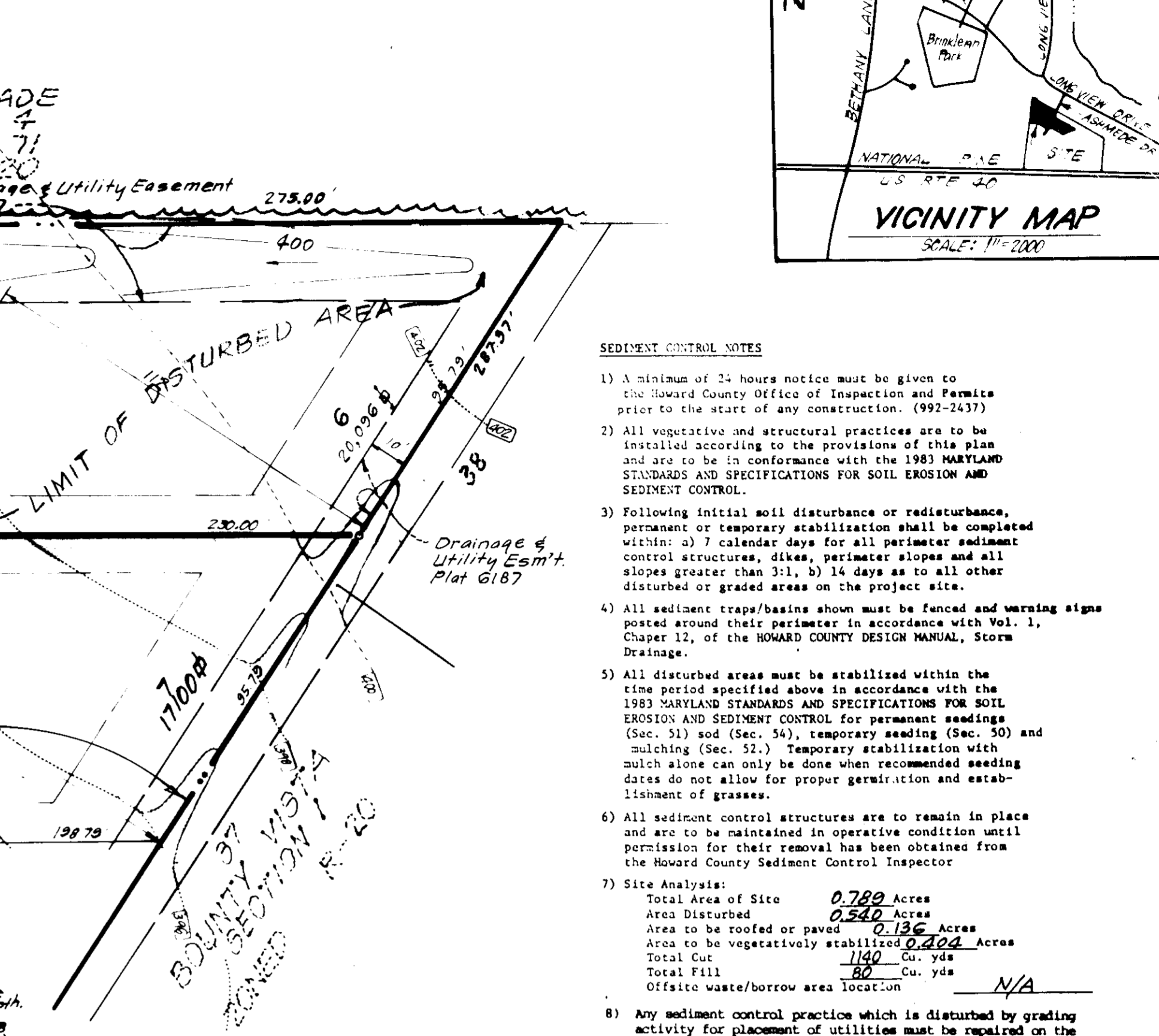
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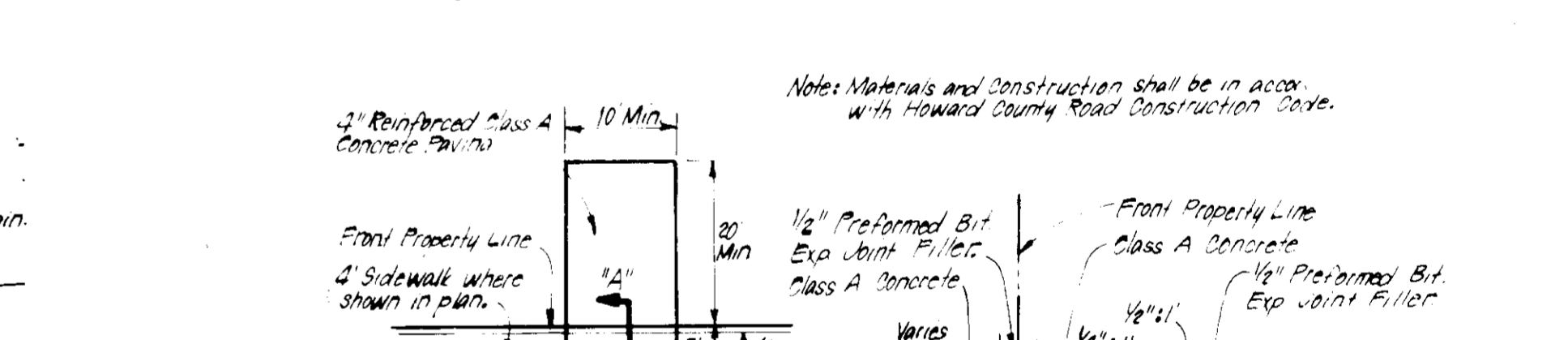
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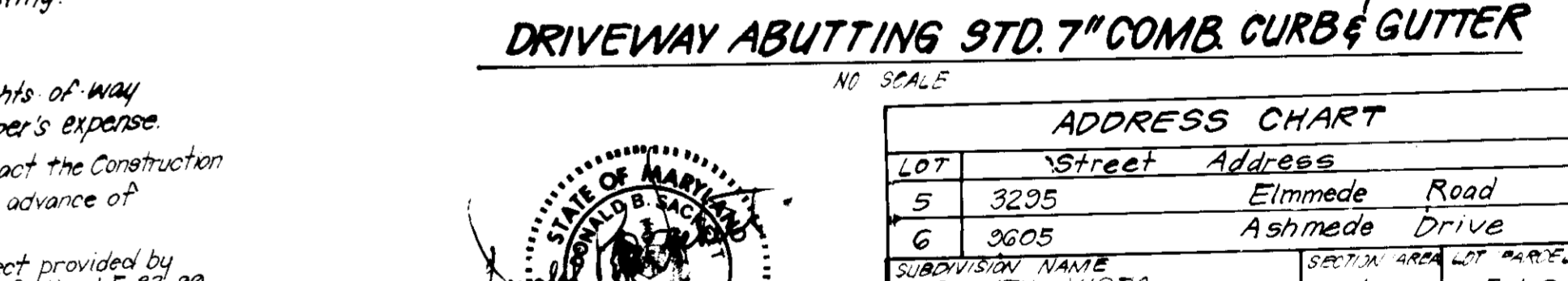
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CLARK • FINEFROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400  
 DESIGNED: BAF  
 DRAWN: VLM  
 CHECKED: G.L.B. BAF  
 DATE: 6-9-86  
 SCALE: 1"=30'  
 DRAWING: 10F1  
 JOB NO: RF  
 FILE NO: 85-014-X  
 SITE DEVELOPMENT PLAN  
 SEDIMENT & EROSION CONTROL PLAN  
 LOTS 5 & 6  
**BOUNTY VISTA**  
 SECTION ONE  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: J.D. EVANS, INC.  
 530 S. J. Way  
 Annapolis, MD 21403  
 SDR 86-280