

**PERMANENT SEEDING NOTES**

- All Sediment Control Measures must be constructed and stabilized according to note 3 prior to any other grading on the site.
- No Temporary Sediment Control Structure may be removed or destroyed without approval of the Howard Soil Conservation District.
- All areas to be seeded (dikes, basins, drainage swales and disturbed areas) at the rate of 80 lbs./acre of the following: Kentucky 31 Tall Fescue - 60 lbs./acre and Korean Lespedeza (Scarify and Inoculate) 20 lbs./acre, immediately after construction. Sow with mechanical spreader rake minimum two (2) passes with "York Rake", cover and compact with cultipacker. Surface preparation to include ground limestone over topsoil surface area at the rate of One Ton/acre (50#/1000#) commercial fertilizer (10-10-10) at the rate of 1000 lbs./acre. Mule areas with straw at the rate of Two Tons/Acre. Anchor with asphalt at the rate of 480 gallons/acre. Drainage swales with slopes greater than 2% will be mulched as stated but the mulch in the center of the channel will be anchored with plastic netting 1/2" according to manufacturers recommendations. Stabilizations of slopes steeper than 3:1 shall be planted with Kentucky 31 Tall Fescue - 40 lbs./acre (1 lb./1000#) and Crownvetch (Scarify and Inoculate) 15 lbs./acre.

**SODDING NOTES**

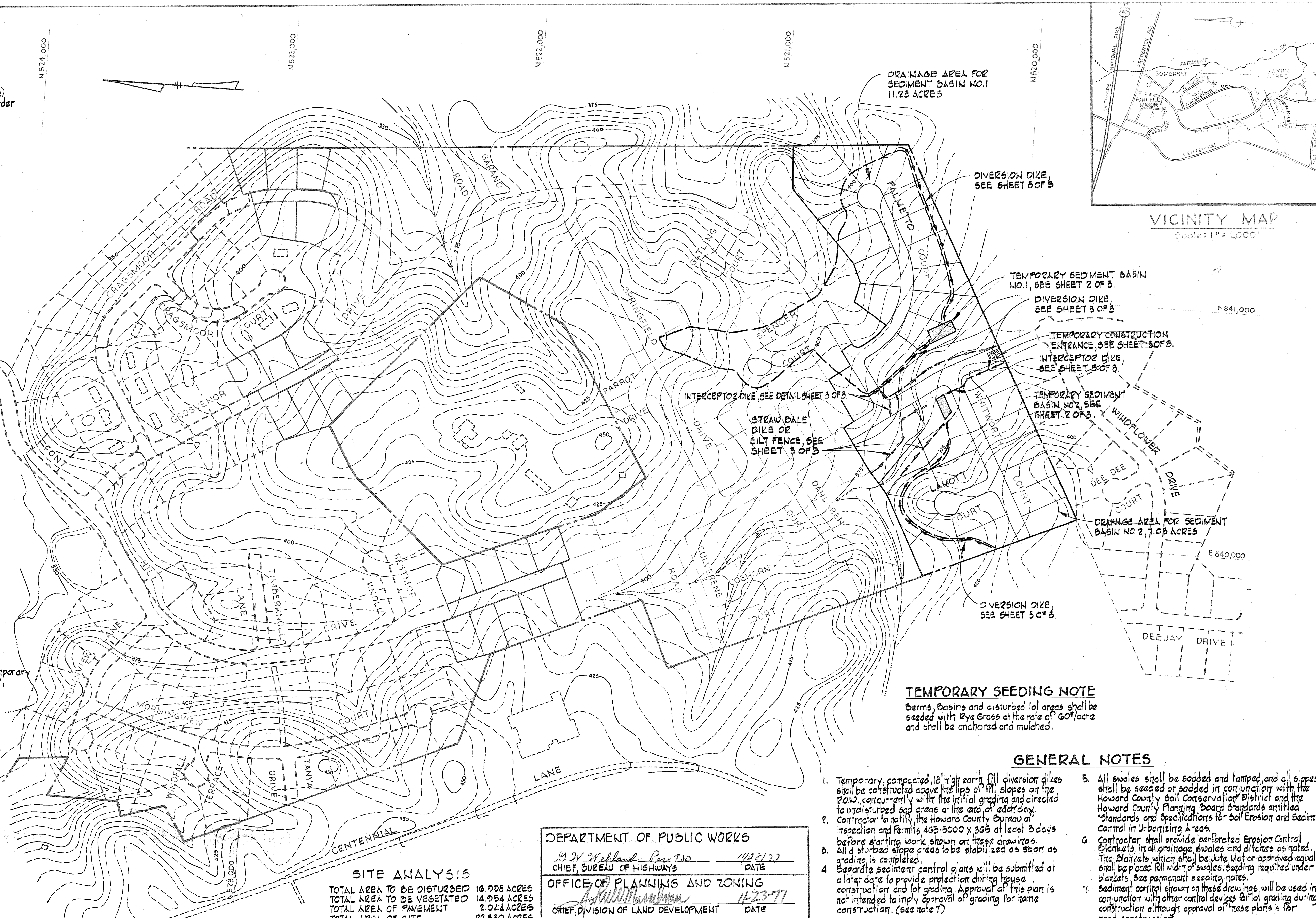
- Apply 10-10-10 fertilizer @ 1000 lbs./acre (25 lbs./1000#)
- Apply Ground Agricultural Limestone @ 2000 lbs./acre (50 lbs./1000#)
- Incorporate both lime and fertilizer into soil by disking. Firm up after incorporation.
- Lay sod to a tight fit. Roll to ensure contact with underlying soil. Water as necessary for 1st 2 weeks (in summer) to ensure establishment.

**LAWN SEEDING NOTES**

- All Sediment Control Measures must be constructed and stabilized according to note 3 prior to any other grading on the site.
- No Temporary Sediment Control Structure may be removed or destroyed without approval of the Howard Soil Conservation District.
- All lawn areas to be seeded at the rate of 113 lbs./acre (5 lbs./1000#) of the following: certified Bluegrass 65 lbs./acre (1 1/2 lbs./1000#) and Creeping Red Fescue 48 1/2 lbs./acre (1 1/2 lbs./1000#) immediately after construction. Sow with a mechanical spreader, rake minimum two (2) passes with "York Rake", cover and compact with cultipacker. Surface preparation to include ground limestone over topsoil surface, area at the rate of One Ton/acre (50#/1000#) commercial fertilizer (10-10-10) at the rate of 1000 lbs./acre. Mulch areas with straw at the rate of 50 lbs./acre, or One Ton/acre. Anchor with asphalt at the rate of 480 gallons/acre. Drainage swales with slopes greater than 2% will be mulched as stated but the mulch in the center of the channel will be anchored with plastic netting 1/2" according to manufacturers recommendations.

**SEQUENCE OF CONSTRUCTION**

- Owner shall secure a grading permit prior to any grading.
- Install stone base course at entrance to Fort Hill Drive.
- Clear grub and strip the areas required for the construction of temporary sediment basins and trap and construct dikes as shown on this plan, utilizing the topsoil for street areas.
- Topsoil from basin and trap excavation shall be stockpiled where designated on this sheet. Stabilize topsoil stockpile immediately after completion according to note 3.
- Construct the temporary sediment basins and temporary trap and stabilize immediately after completion.
- Clear and strip the site as required and construct topsoil stockpiles where designated on this sheet and stabilize immediately after completion according to note 3.
- Stabilize all dikes, slopes and swales as required immediately after grading is completed.
- Construct storm drain system and cap inlet. Any open storm drains to be covered with plywood at the end of each working day.
- Complete roadway construction, including mountable curb and gutter and asphalt paving.
- Stabilize all drainage ditches, according to note (sodding)
- Remove the temporary sediment basins, sediment trap, diversion dikes after house construction. Site is complete and grass is established in the contributing drainage area. Stabilize areas where removed, according to note 3.



**SITE ANALYSIS**

TOTAL AREA TO BE DISTURBED	10.908 ACRES
TOTAL AREA TO BE VEGETATED	14.954 ACRES
TOTAL AREA OF PAVEMENT	2.044 ACRES
TOTAL AREA OF SITE	22.830 ACRES

**DEPARTMENT OF PUBLIC WORKS**  
*W. W. Willard* Per 110 11/28/77  
 CHIEF, BUREAU OF HIGHWAYS DATE

**OFFICE OF PLANNING AND ZONING**  
*William M. ...* 11-23-77  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

- TEMPORARY SEEDING NOTE**  
 Berms, Basins and disturbed lot areas shall be seeded with Rye Grass at the rate of 60#/acre and shall be anchored and mulched.
- GENERAL NOTES**
- Temporary, compacted, 18" high earth fill diversion dikes shall be constructed above the top of fill slopes on the ROW, concurrently with the initial grading and directed to undisturbed sod areas at the end of each day.
  - Contractor to notify the Howard County Bureau of Inspection and Permits 465-5000 x 365 at least 3 days before starting work shown on these drawings.
  - All disturbed slope areas to be stabilized as soon as grading is completed.
  - Separate sediment control plans will be submitted at a later date to provide protection during house construction and lot grading. Approval of this plan is not intended to imply approval of grading for home construction. (See note 7)
  - All swales shall be sodded and tamped, and all slopes shall be seeded or sodded in conjunction with the Howard County Soil Conservation District and the Howard County Planning Board standards entitled "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas."
  - Contractor shall provide perforated Erosion Control Blankets in all drainage swales and ditches as noted. The Blankets which shall be Jute Mat or approved equal, shall be placed full width of swales. Seeding required under blankets. See permanent seeding notes.
  - Sediment control shown on these drawings will be used in conjunction with other control devices for lot grading during home construction although approval of these plans is for road construction.

**WHITMAN, REQUARDT & ASSOCIATES**  
 ENGINEERS  
 1504 ST. PAUL STREET  
 BALTIMORE, MARYLAND  
*Kenneth A. McCord*  
 KENNETH A. McCORD, P.E. 1974

Reviewed for Howard S.C.D. and meets Technical Requirements  
*C. Wayne Ray* Date 11-22-77  
 Signature  
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Approved *William D. ...* Date 11-22-77  
 Howard S.C.D.

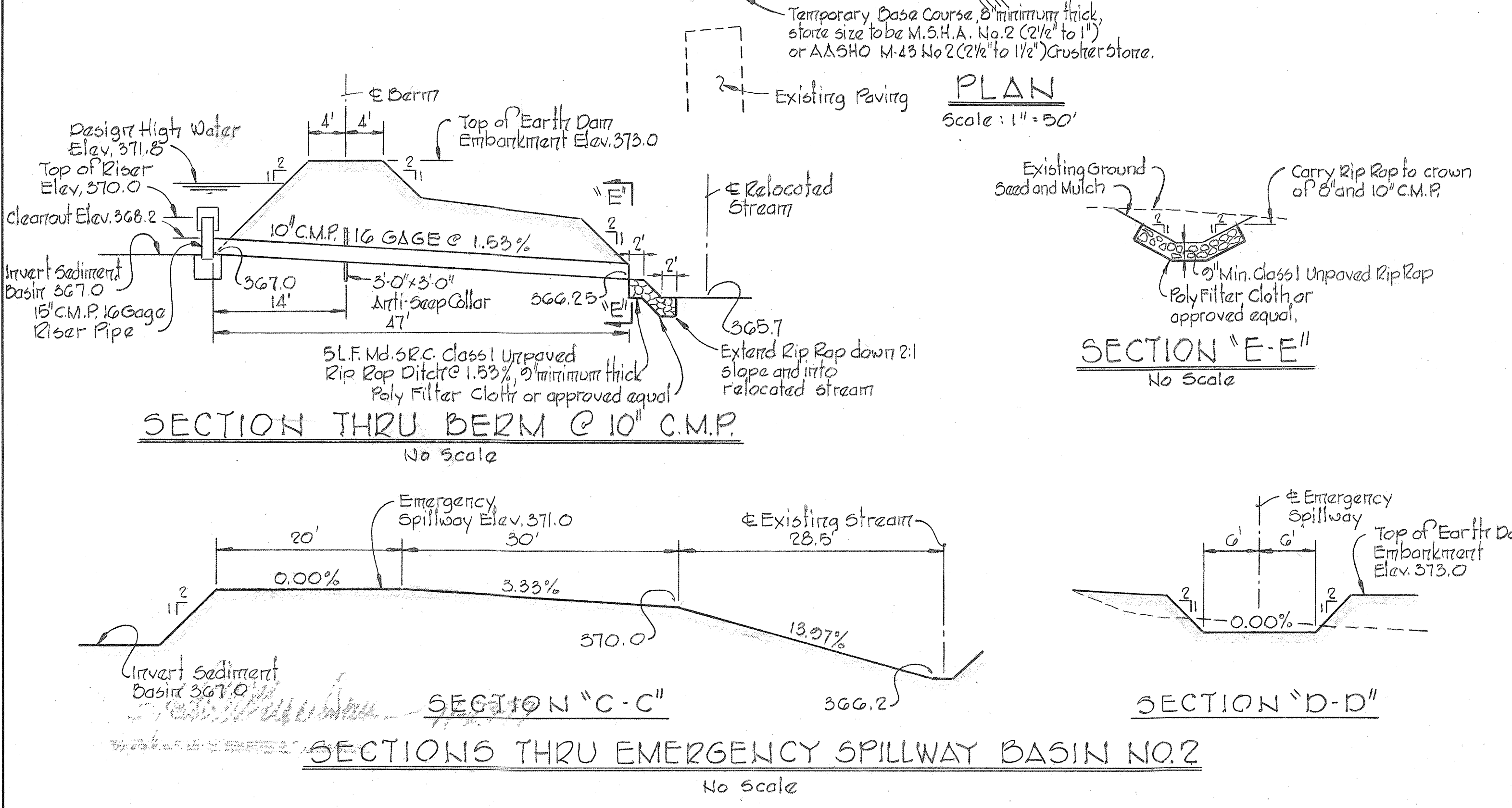
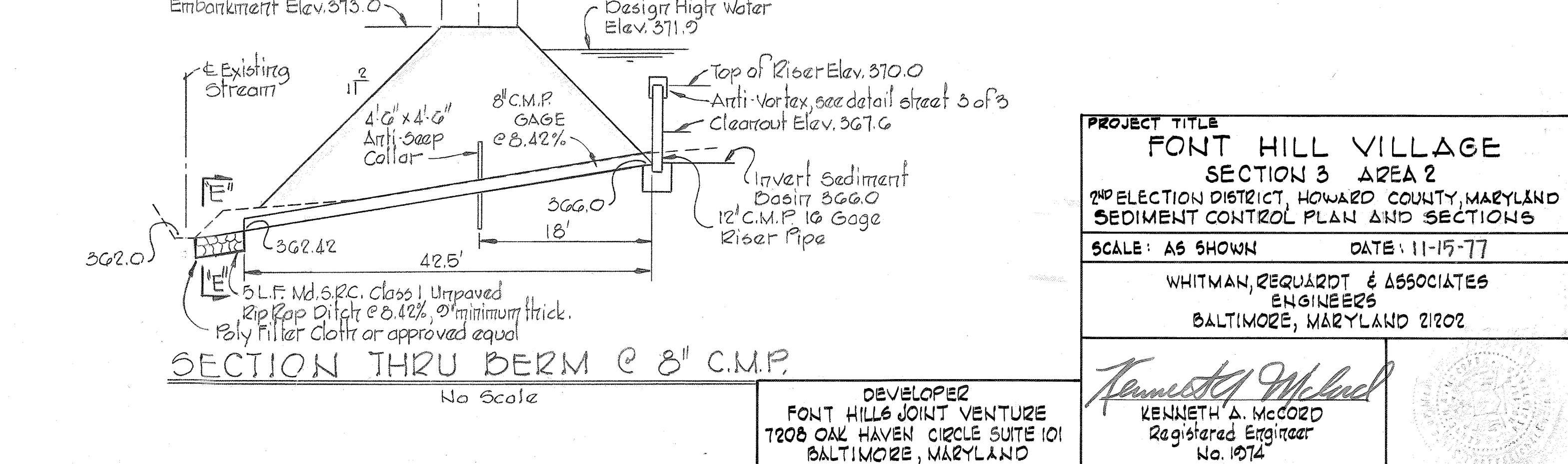
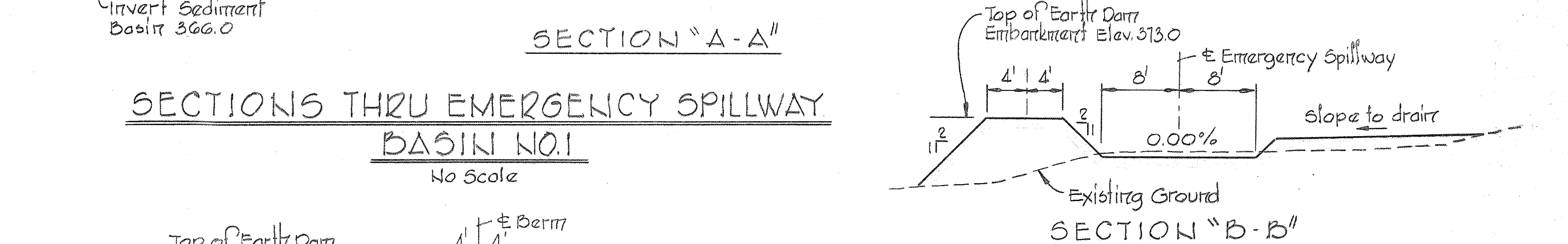
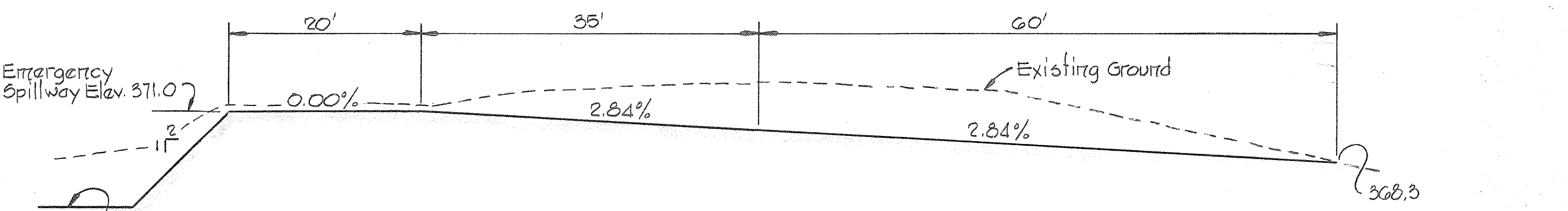
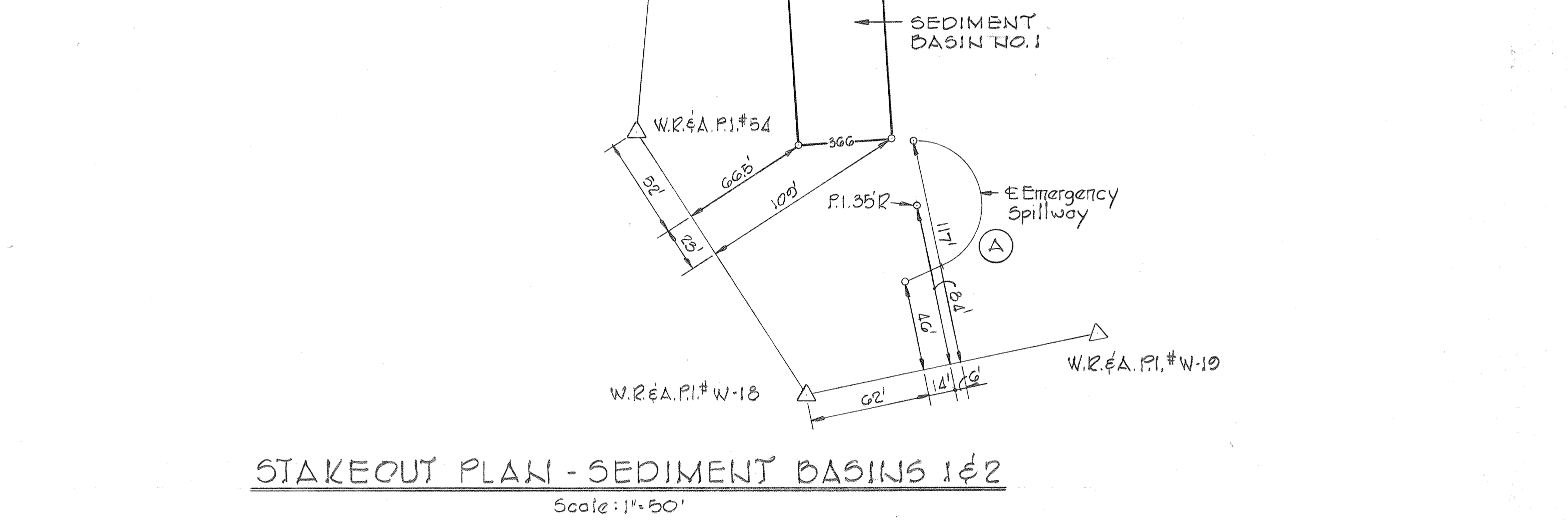
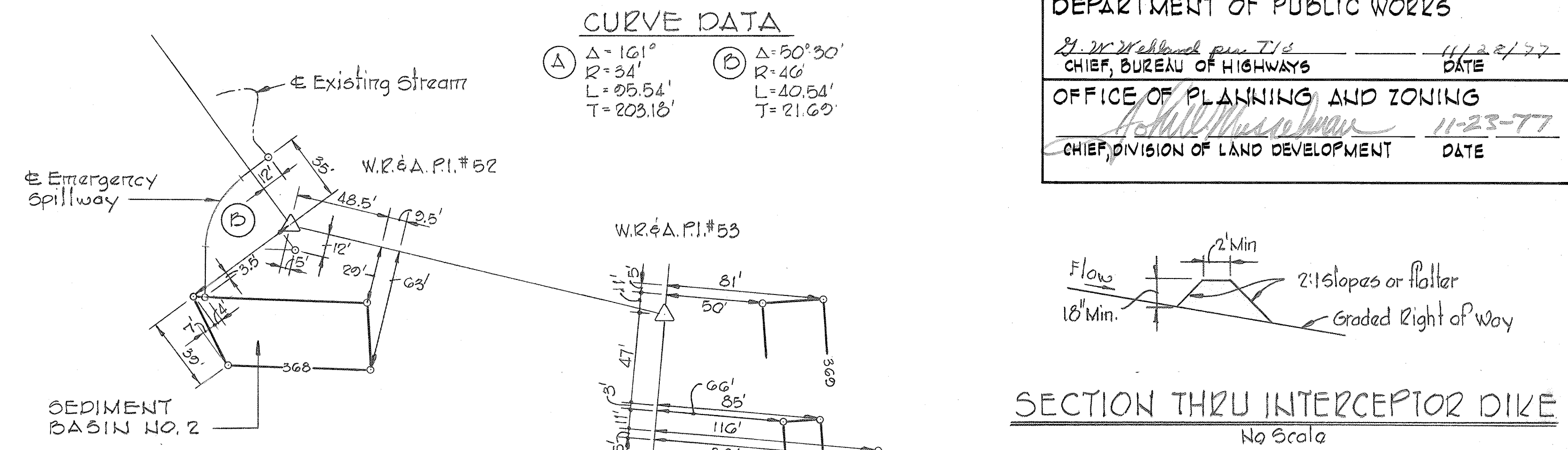
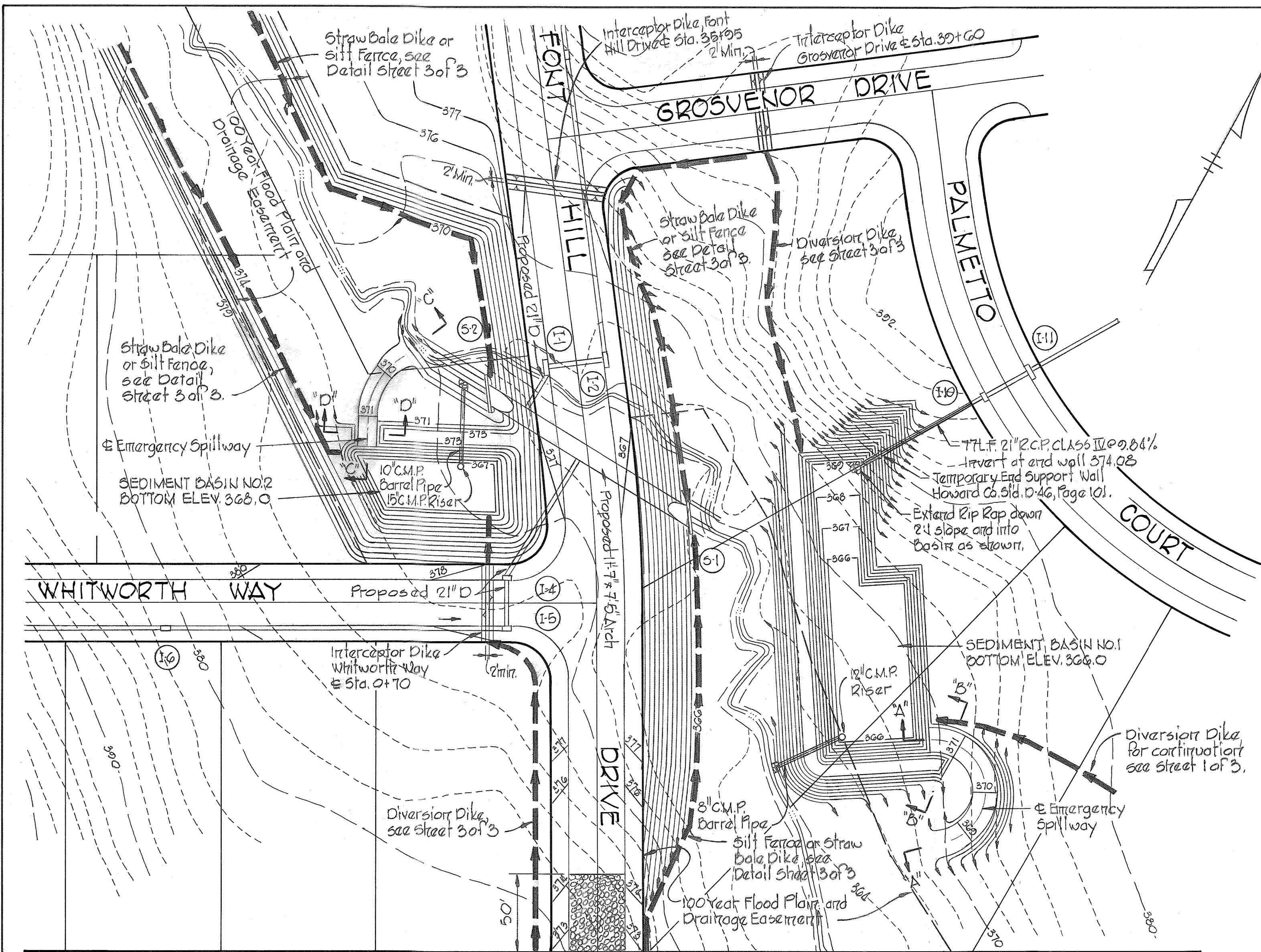
**CERTIFICATION BY THE DEVELOPER**  
 "I certify that all development and/or construction will be done according to this plan of Development and plan for Erosion and Sediment Control and I also authorize periodic on site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."  
*Martin Nowitz*  
 Signature of Developer 9-27-77 Date

**CERTIFICATION 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."  
*Kenneth A. McCord*  
 KENNETH A. McCORD, P.E. 1974 5-24-77 Date

**FONT HILL VILLAGE**  
 SECTION 3 AREA 2  
**SEDIMENT CONTROL PLANS**  
 2<sup>ND</sup> ELECTION DISTRICT OF HOWARD COUNTY, MD.  
 Date: 11-15-77 Scale: As Shown

#82





<b>PROJECT TITLE</b> FONT HILL VILLAGE SECTION 3 AREA 2	
2 <sup>ND</sup> ELECTION DISTRICT, HOWARD COUNTY, MARYLAND SEDIMENT CONTROL PLAN AND SECTIONS	
SCALE: AS SHOWN	DATE: 11-15-77
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21202	
DEVELOPER FONT HILLS JOINT VENTURE 7208 OAK HAVEN CIRCLE SUITE 101 BALTIMORE, MARYLAND	



