

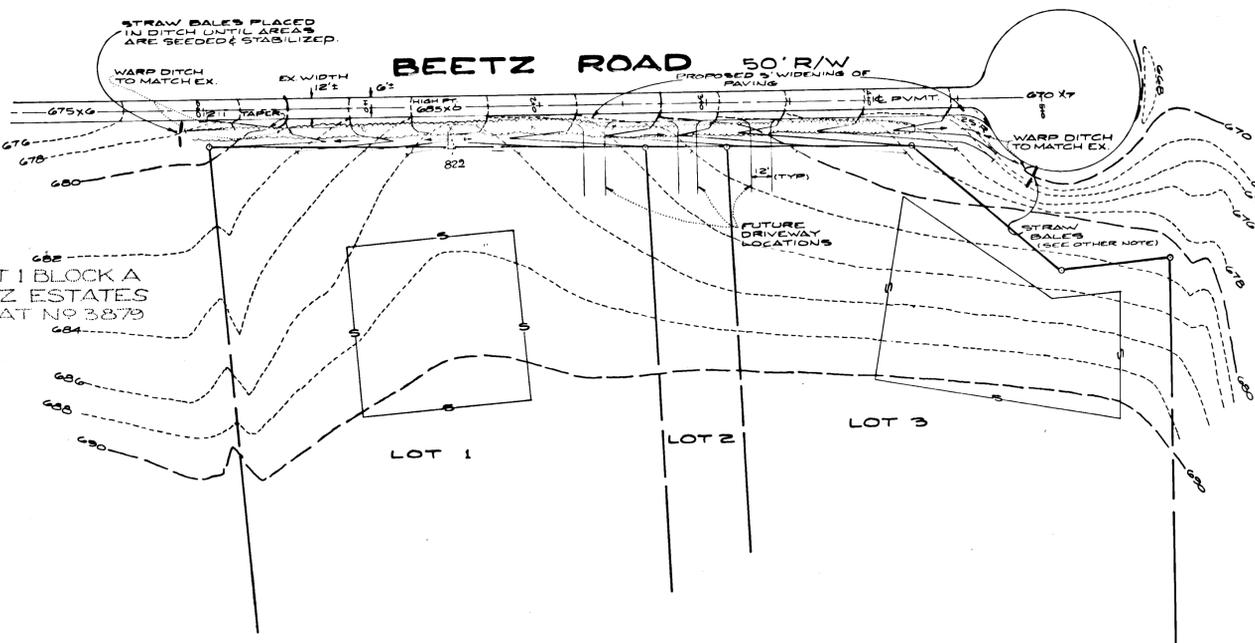
- NOTES:**
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS & SPECIFICATIONS.
 - MISS UTILITY (555-0100) SHALL BE CALLED 48 HOURS PRIOR TO STARTING WORK. EXISTING UTILITIES ARE SHOWN FROM THE BEST AVAILABLE RECORDS. CONTRACTOR SHALL INVESTIGATE & VERIFY TO HIS OWN SATISFACTION EXISTING UTILITIES.
 - CONTRACTOR SHALL NOTIFY HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS (552-2430) 48 HOURS PRIOR TO STARTING WORK.

- S & E. CONTROL NOTES:**
- CONSTRUCTION SEQUENCE:
 - INSTALL S&E
 - ROUGH GRADE & INSTALL PAVING
 - SEED & MULCH
 - WHEN DISTURBED AREAS ARE STABILIZED REMOVE S&E.

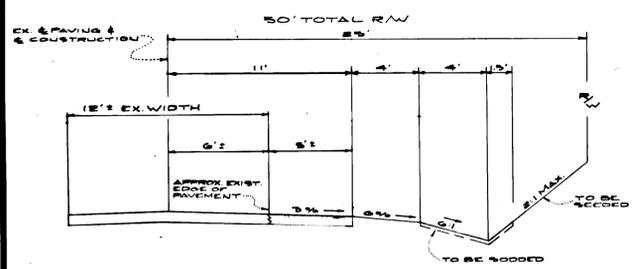
- SOIL EROSION & SEDIMENT CONTROL NOTES:**
- All disturbed areas to be seeded within 30 days of initial grading. For temporary seeding specifications, see Section 50.01 of Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas.
 - All erosion and sediment control measures are to be placed prior to or at the initiation of grading.
 - All storm drain and sanitary sewer lines not in paved areas are to be mulched and seeded within 15 days of initial backfill.
 - Electric power, telephone and gas lines are to be completed, seeded and mulched within 15 days after initial backfill.
 - All earth berms and sediment dams are to be mulched and seeded (see Section 50.01 of above reference) within 15 days after grading. All soil stockpiles are to be mulched and seeded within 15 days.
 - During construction, all sediment control structures will be inspected after each rainfall and repaired if necessary. Sediment to be removed to a suitable disposal area and stabilized with permanent vegetative cover (see Section 51.01 of Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas).
 - After final grading, all disturbed areas are to be permanently mulched and seeded (see Section 51.01).
 - No slope shall be greater than 3:1.

- PERMANENT SEEDING SPECIFICATIONS**
(For vegetative stabilization after final grading operations)
- Soil Amendments:** Lime and fertilizer according to soil test by University of Maryland Soil Testing Laboratory or other soil testing laboratory. If soil test is not performed, apply 4 tons of 60-tonic limestone and 800 pounds of 0-20-20 fertilizer or equivalent per acre and disc or harrow lime and fertilizer into soil. At time of seeding, apply 400 pounds of 38-0-0 urea-form and 800 pounds of 10-20-20 fertilizer or equivalent per acre. If the seed mixture contains perennial legumes, the 800 pound per acre of 10-20-20 fertilizer may be omitted.
 - Seedbed Preparation:** The top 3 inches of soil in the area to be seeded shall be made loose and friable by discing, raking or other acceptable means.
 - Seeding:** If seeding is to be done during March 1 - April 30 or August 1 - October 15, apply 50 pounds of Kentucky 31st tall fescue per acre. For seeding done during May 1 - July 31, apply 60 pounds of Kentucky 31st and 4 pounds of weeping lovegrass per acre. Seed shall be applied uniformly with a cyclone seeder, drill, cultipacker seeder or hydroseeder. Maximum seeding depth shall be 2" on clayey soils and 1" on sandy soils.
 - Mulching:** Immediately after seeding, seeded area is to be mulched with unrotted small grain straw or other approved mulch. Straw shall be uniformly applied at a rate of 1 1/2 to 2 tons per acre.
 - Mulch Anchoring:** The mulch shall be anchored with emulsified asphalt (63-1) or other approved material or method. Emulsified asphalt shall be applied at a rate of 8 gallons per 1000 sq. ft. (8 1/2 gallons per acre).
 - Irrigation:** If soil is dry at time of seeding or dries out before vegetative growth is established, seeded area shall be watered, if feasible.

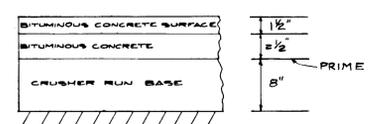
INTERSTATE ROUTE 70



TYPICAL SECTION



PAVING SECTION



STANDARD P-2 OR APPROVED ALTERNATE TO BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

#928

<p>Engineer I certify that this plan of Sediment Control is designed, with my personal knowledge of the site conditions and has been designed to the standards and specifications adopted by the Howard County Soil Conservation District. <i>E. J. Harris</i> 7-6-81 PE # 10816</p>	<p>Owners/Developers Certification "I/We hereby certify that any clearing, grading, construction and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project." <i>William D. Corbin</i> Owner/Developer (name & title) REVEREND</p>	<p>HOWARD COUNTY SOIL CONSERVATION DISTRICT Approved By <i>William D. Corbin</i> District Coordinator Date 10-20-81 Reviewed for <i>Howard</i> S.C.D. Name and meets Technical Requirements <i>William D. Corbin</i> Date 10-20-81 Signature</p>	<p>APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS <i>William D. Corbin</i> CHIEF, BUREAU OF ENGINEERING 10/20/81 DATE APPROVED: OFFICE OF PLANNING AND ZONING <i>Arthur L. Jones</i> 10-21-81 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION</p>	<p>STATE OF MARYLAND EDWARD E. SMARIGA LIC. NO. 10016 REGISTERED PROFESSIONAL ENGINEER 6-12-81</p>	<p>REVISIONS: S. FILES ADDED, PAY SEC. FEE COMMENTS 6/16/81 GWC TO BE ADDED: EROSION CONTROL, OWNER'S CERT. SIGNATURE & C.D. BLOCKS SEE CONTROL NOTES AND DETAILS BY TYPE SECTION Harris, Smariga & Associates, Inc. SURVEYORS ENGINEERS PLANNERS FOUR EAST THIRD STREET FREDERICK, MARYLAND 21701 (301) 662-4488</p>	<p>GRADING AND PAVING PLAN BEEZ DIVISION SECTION I LOTS 1-3 SITUATED ON BEETZ ROAD & INTERSTATE RT. 70 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	<p>SCALE: 1"=50' DRAWN BY: J.H. CHECKED BY: GWC DATE: MAY 1981 SHEET: 1 OF: 1 JOB NO. 2032</p>
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