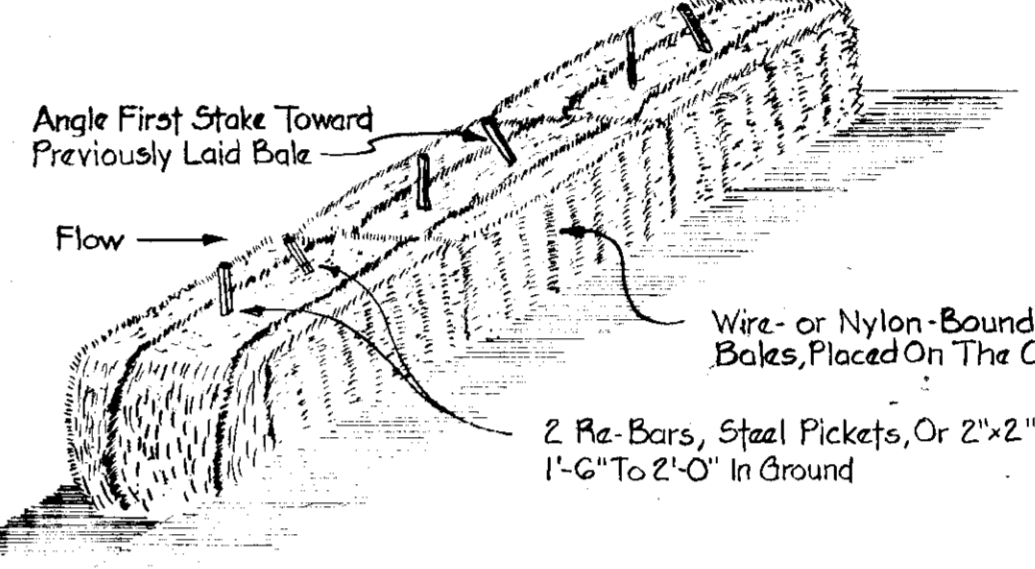
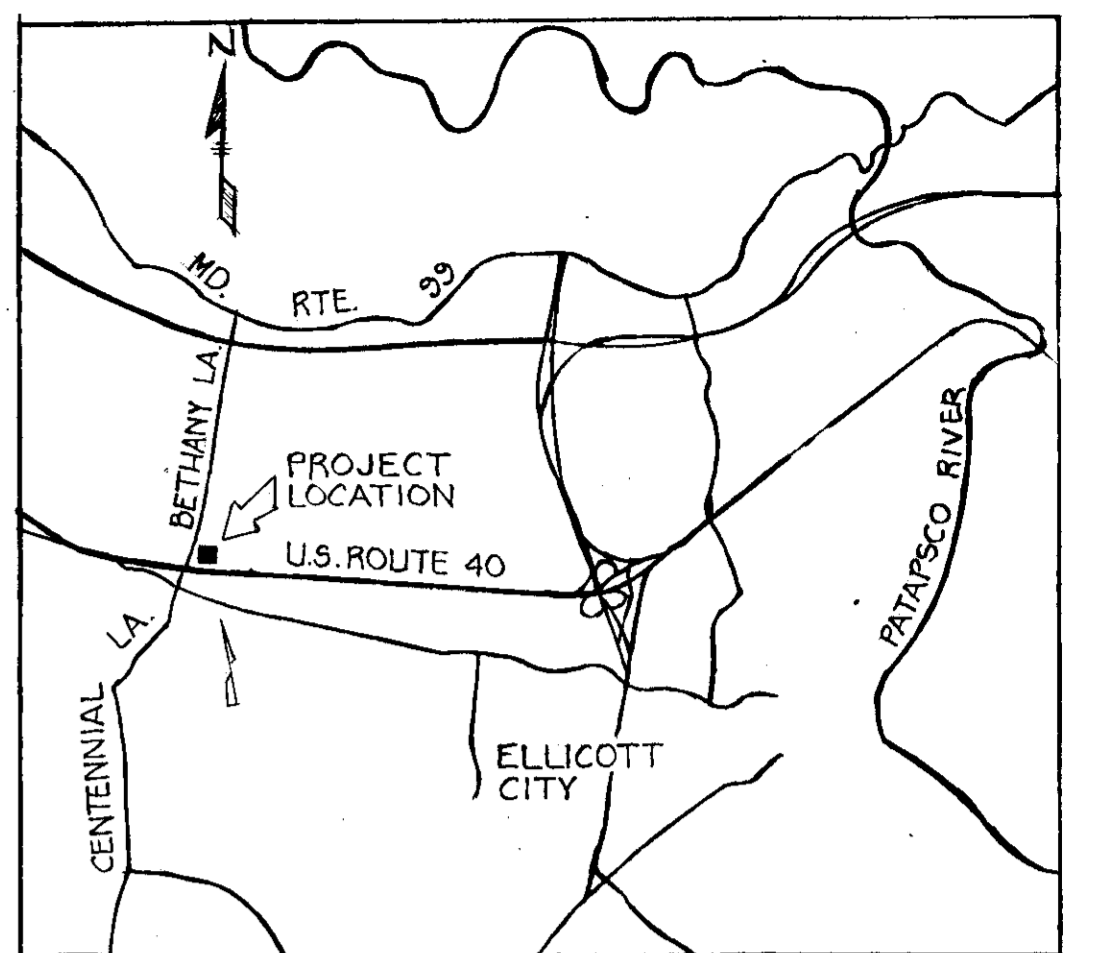
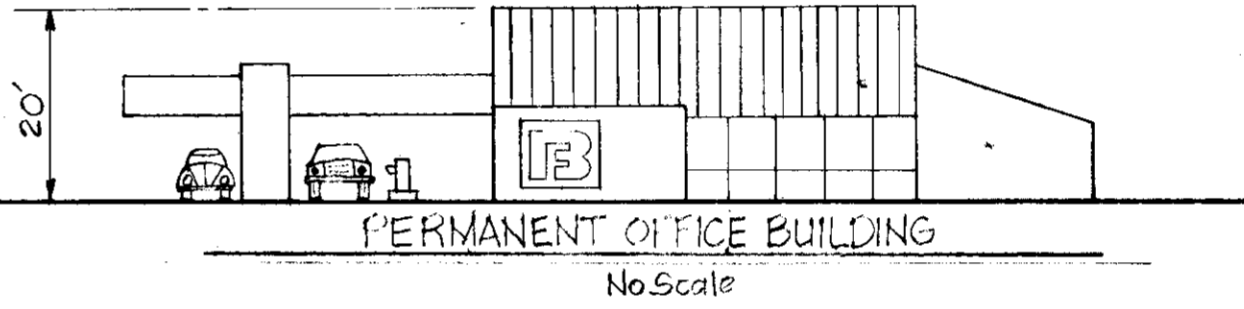


APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 9-19-79



DETAIL - STRAW BALE DIKE



LOCATION PLAN

LEGEND

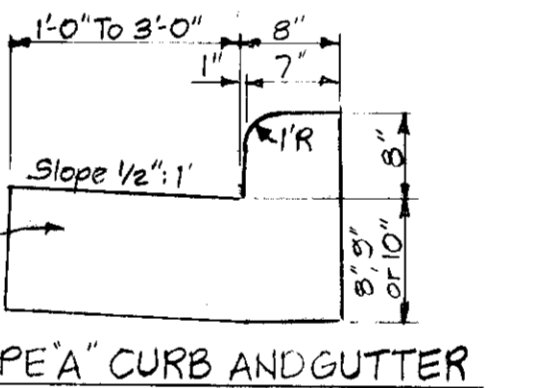
- Existing Contours --- 210 ---
- New Contours --- 212 ---
- New Spot Elevations --- 210 ---
- Existing Sanitary Sewer --- 212 ---
- New Sanitary H.C. --- 212 ---
- Existing Water Main --- TC 208.67
- New Water Connection --- TC 208.00
- Existing Gas Main --- Ex. 8\"/>
- Existing Paving --- 3\"/>
- New Curb & Paving --- 3\"/>
- Edge Of Woods --- 3\"/>
- Straw Bale Dike --- S.B.D.
- Stone Outlet Structure --- S.B.S.
- Limit Of Grading --- Dotted line
- Property Line --- Dashed line
- Existing Fence --- Dashed line
- Existing Pole --- Circle with cross
- Future Curbs (Under Design) --- Dashed line

GENERAL NOTES

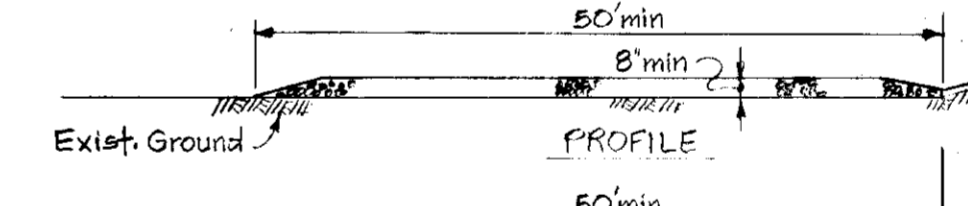
1. All work within the State Highway Administration Right of Way shall be done in strict accordance with the Maryland SHA standard details and specifications. All other work shall be done in strict accordance with the Howard County Department of Public Works, Bureau of Engineering, standard Specifications and Details.
2. The contractor shall hand locate test holes to determine the exact location and depth of existing pipes to be connected to or crossed prior to starting construction of utility work.
3. It shall be the responsibility of the contractor to conform to all laws and regulations in regard to work under or adjacent to overhead powerlines.
4. Job site safety shall be the sole responsibility of the contractor.
5. Bench mark - north Flange nut of fire hydrant west side of Bethany Lane, assumed elev. 208.00
6. There will be no exterior lighting under this contract.
7. Topographic survey by Spillman, Larson & Assoc., site 305 Investment Building, Towson, Maryland 21284.
8. The contractor shall notify the Baltimore Gas & Electric Co and the Chesapeake & Potomac Telephone Co prior to work.

SEDIMENT & EROSION CONTROL NOTES

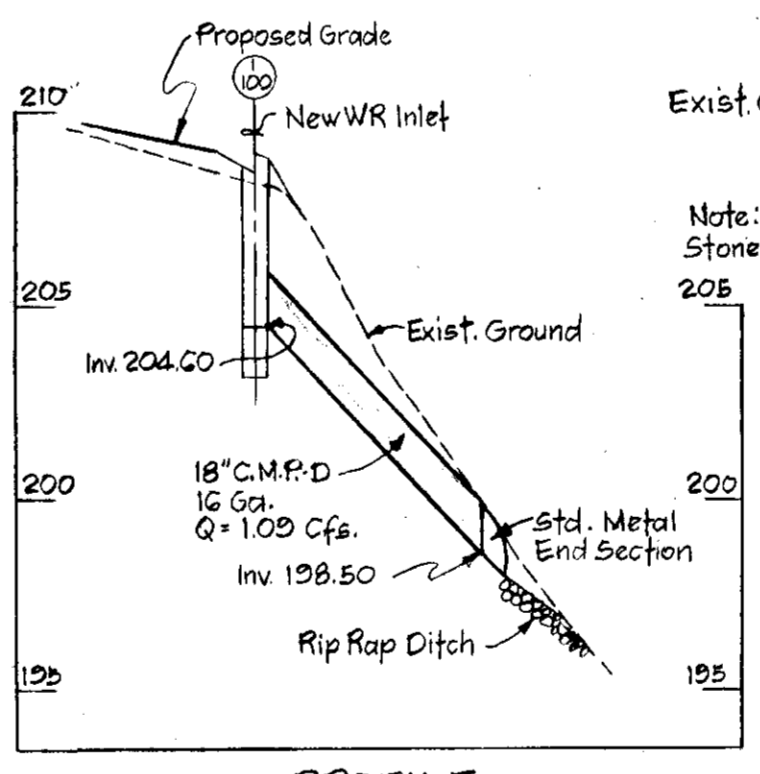
- PROCEDURE:**
1. Install straw bale dike and stone outlet structure as indicated on plan.
  2. Construct standard SHA type "A" curb and gutter as shown. Complete with P<sub>1</sub> paving along shoulder and at entrance to site.
  3. Clear and grub within the limits of grading.
  4. Proceed with grading, paving and utility construction.
  5. Upon completion of grading, topsoil, fertilizer, seed and mulch ungraded disturbed areas within the limits of grading.
  6. After contributing areas have been stabilized with an established stand of grass, remove straw bale dike and stone outlet structure and restore the resulting disturbed areas with seed.
- SOIL STABILIZATION**
1. Topsoil 4" minimum depth.
  2. Fertilize with 10-10-10 fertilizer at 30 lbs/1000 sq. ft.
  3. Seed with 7 lbs. of 80% Kentucky 31 Fescue per 1000 sq. ft.
  4. Mulch with straw at 60 lbs per 1000 sq. ft. Mulch shall be tacked using the asphalt spray method.
- NOTES:**
1. No spoil shall be removed to nor any borrow removed from any off site area that does not have an approved sediment and erosion control plan. Moving of material shall be in a manner satisfactory to the soil conservation district after obtaining all permits.
  2. Total disturbed area - 325 acres
  - Area to be stabilized with paving - 133 acres
  - Area to be stabilized with turf - 347 acres



SHA TYPE "A" CURB AND GUTTER



STABILIZED CONSTRUCTION ENTRANCE



PROFILE

NOTE: THE PERMANENT BUILDING AND RELATED FUTURE SITE CONSTRUCTION INDICATED ON THIS PLAN IS PRESENTLY UNDER DESIGN. CONSTRUCTION OF THIS PROPOSED WORK IS ANTICIPATED TO BEGIN BY NOVEMBER 1, 1979 WITH COMPLETION BY JULY 1980. STORM WATER MANAGEMENT WILL BE PROVIDED FOR ON THE ULTIMATE SITE DEVELOPMENT PLAN.

DETAIL - UTILITY TRENCH

<p>ENGINEER'S CERTIFICATION: I CERTIFY THAT THE PLAN OF DEVELOPMENT AND PLAN OF SEDIMENT AND EROSION CONTROL MEET THE REQUIREMENTS OF THE SOIL CONSERVATION DISTRICT.</p> <p>ENGINEER: <i>William T. Rowe</i> DATE: 9-28-79</p>	<p>THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD CO. SOIL CONSERVATION DISTRICT.</p> <p>William T. Rowe DATE: 9-28-79</p>	<p>APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SERVICE.</p> <p>HOWARD COUNTY HEALTH DEPARTMENT JOHN M. BERRY, M.D., P.E. COUNTY HEALTH OFFICER DATE: 10-10-79</p>	<p>APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND BONDS.</p> <p>HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DIRECTOR: <i>William J. Williams</i> DATE: 10-8-79</p>	<p>PARCEL "A" - PART OF EIRELY - JONES PROPERTY BALTIMORE NATIONAL PIKE &amp; BETHANY LANE 2ND ELECTION DISTRICT - TAX MAP 24, PARCEL 15 - HOWARD CO., MD. RECORDED IN PLAT BOOK 31 - FOLIO 6</p>
<p>OWNER'S CERTIFICATION: I HAVE CERTIFIED THAT LAND CLEARING AND CONSTRUCTION OF DEVELOPMENT WILL BE COMPLETED PERMANENT TO THIS PLAN.</p> <p>OWNER: <i>William J. Williams</i> DATE: 30 July 1979</p>	<p>REVIEWED FOR HOWARD CO. S.C.D. AND NEETS TECHNICAL REQUIREMENTS.</p> <p><i>John M. Berry</i> DATE: 9/20/79 U.S. SOIL CONSERVATION SERVICE</p>	<p>APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING</p> <p><i>William J. Williams</i> DATE: 10-16-79 PLANNING OFFICER</p>	<p>APPROVED: CHIEF, BUREAU OF ENGINEERS</p> <p><i>William J. Williams</i> DATE: 10-16-79</p>	<p>SCALE 1"=20'</p> <p>PROJECT NUMBER 78-29</p> <p>DRAWING NUMBER</p> <p>SD 1 OF 1</p> <p>DATE 26 JUN 79</p>