

# DORSEY RUN ASPHALT PLANT

HOWARD COUNTY, MARYLAND

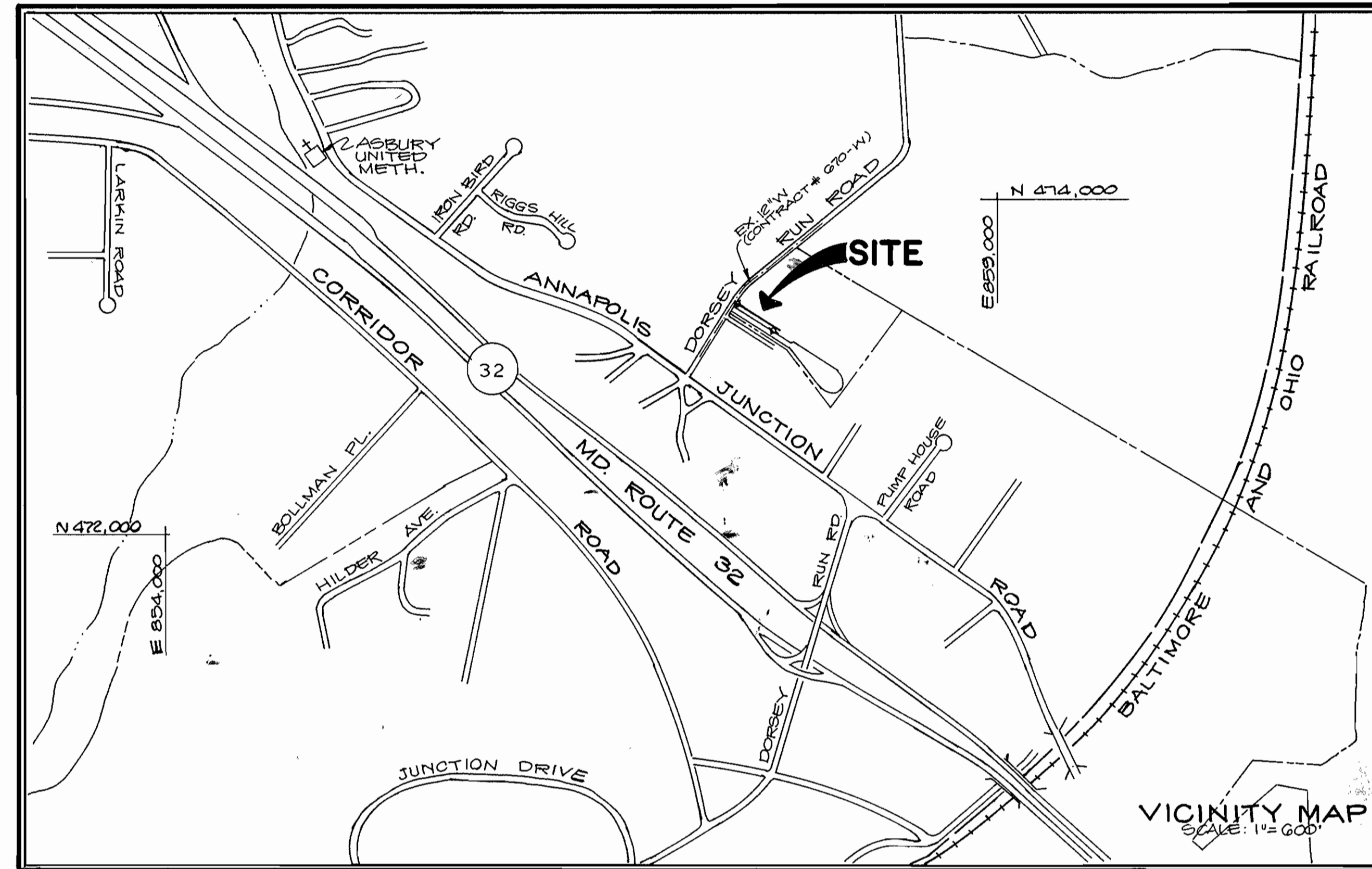
GENERAL NOTES

PART I

- Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. data.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction. The contractor shall have a copy of Volume IV on the job.
- Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
- Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:
  - State Highway Administration - 531-5533
  - Baltimore Gas & Electric Co. - Contractor Services - 850-4620
  - Baltimore Gas & Electric Co. - Under Ground Damage Control - 859-9004
  - Baltimore Gas & Electric Co. - Trouble Shooting - 298-9001
  - Miss Utility - 1-559-0100
  - Colonial Pipeline Co. - 795-1390
  - Bureau of Utilities, Howard County Dept. of Public Works - 992-2366
- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
- Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.

PART II - WATER

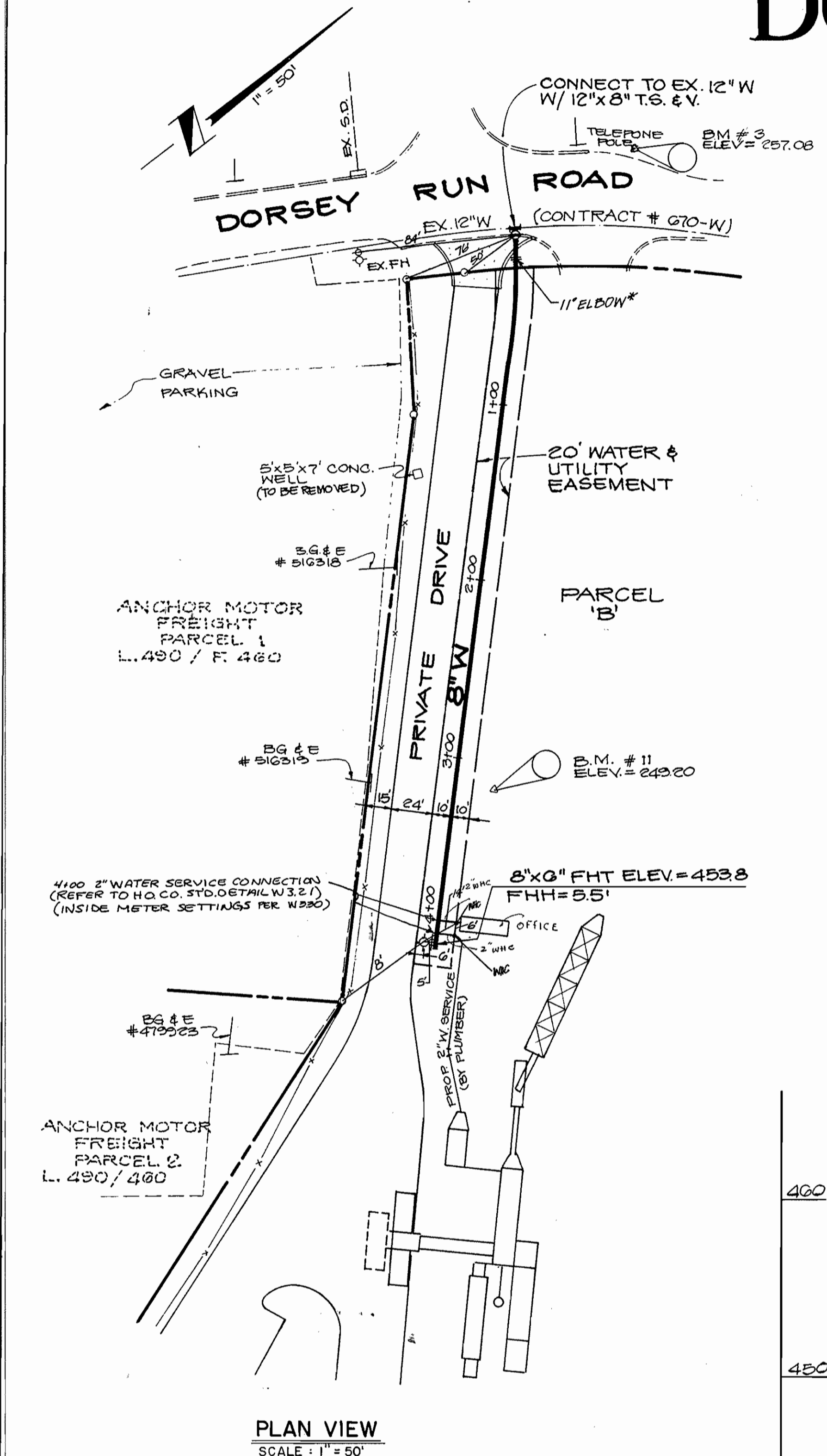
- All water mains to be D.I.P. Class 52 unless otherwise noted.
- Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1003 of the Standard Specifications.
- The contractor shall not operate any water main valves on the existing water system.
- All D.I.P. fittings shall be in accordance with AWWA specifications C-153 ductile iron compact fittings, 3 inch through 12 inch for water and other liquids.



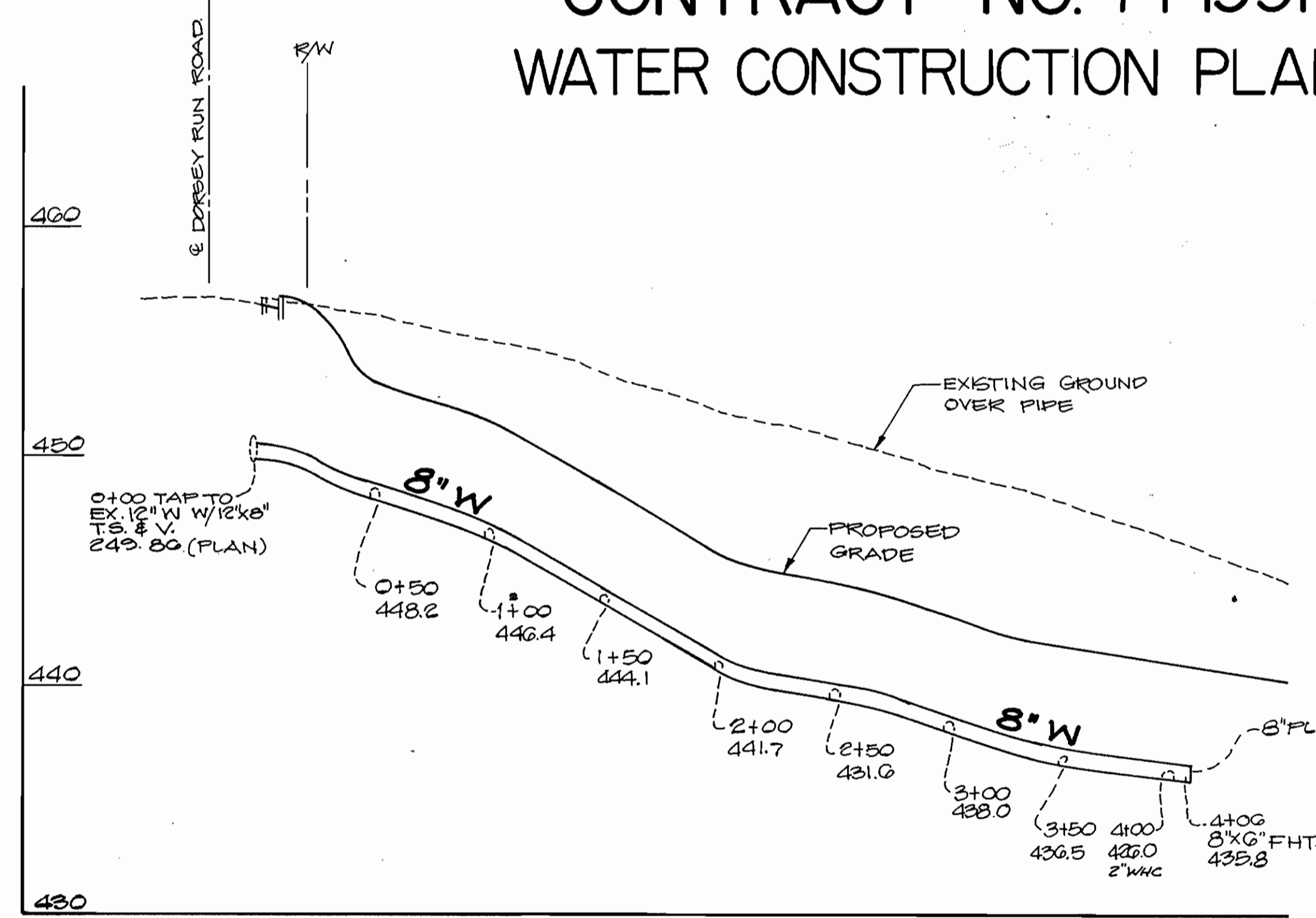
VICINITY MAP  
SCALE: 1" = 600'

|                                   |                 |
|-----------------------------------|-----------------|
| TYPE OF BUILDINGS                 | N/A             |
| NUMBER OF LOTS                    | 1               |
| NUMBER OF WATER HOUSE CONNECTIONS | 2               |
| NUMBER OF SEWER HOUSE CONNECTIONS | N/A             |
| DRAINAGE AREA                     | LITTLE PATUXENT |
| WATER CODE                        | 802             |

## CONTRACT NO. 44-1991-D WATER CONSTRUCTION PLAN



PLAN VIEW  
SCALE: 1" = 50'



PROFILE SCALE  
HORIZONTAL: 1" = 50'  
VERTICAL: 1" = 5'

| QUANTITIES         |           |          |  |
|--------------------|-----------|----------|--|
| ITEM               | ESTIMATED | AS BUILT | MATERIALS/SUPPLIER                     |
| 12" x 8" T.S. & V. | 1         | 1        | MUELLER CO. / DELMAR SUPPLIERS         |
| 8" WATER           | 406'      | 406'     | ORFEN PIPE PRODUCTS / DELMAR SUPPLIERS |
| 11" ELBOW          |           | 1        |  |
| FIRE HYDRANT       | 1         | 1        | CHATELAIN/MUELLER / DELMAR SUPPLIERS   |
| 6" WATER           | 4'        | 4'       | ORFEN PIPE PRODUCTS / DELMAR SUPPLIERS |
| 2" WATER           | 20'       |          |  |
| 6" VALVE           | 1         | 1        | MUELLER CO. / DELMAR SUPPLIERS         |

| LEGEND             |  |
|--------------------|--|
| PROPOSED WATER     |  |
| EXISTING WATER     |  |
| FIRE HYDRANT/VALVE |  |
| EASEMENT           |  |
| EXISTING POLE      |  |
| EDGE OF PAVEMENT   |  |

| B.M. | BENCH MARKS                                  |
|------|--|
| 3    | FHR & A. TRAVERSE STA # 3 - 1/2" I.P. W/CAP  |
| 11   | FHR & A. TRAVERSE STA # 11 - 1/2" I.P. W/CAP |

\* CONTRACTOR CANNOT MAKE CURVATURE TO MATCH DEPLETION - CONTRACTOR INSTALLED ELBOW @ 0+12

SEDIMENT CONTROL MEASURE FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS AND SDP-90-28

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

*James M. Nelson* 11/22/89  
SIGNATURE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

APPROVED: *John B. Roberts* 11/22/89  
HOWARD SCD (seal) DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

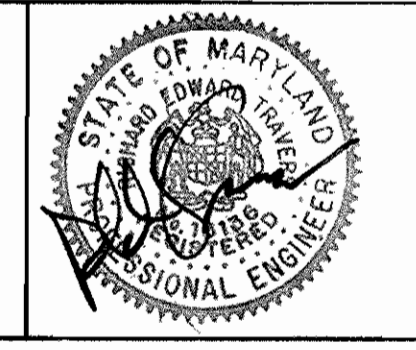
*James M. Nelson* 11/22/89  
DIRECTOR OF PUBLIC WORKS DATE

*John B. Roberts* 11-17-89  
CHIEF, BUREAU OF UTILITIES DATE

*William S. Reid* 11/22/89  
CHIEF, BUREAU OF ENGINEERING DATE

*Donald L. Swann* 11/22/89  
CHIEF, LAND DEVELOPMENT DIVISION DATE

**PHRA**  
PATTON, HARRIS, RUST & ASSOCIATES, PC  
7600 STANDISH PLACE  
ROCKVILLE, MARYLAND 20858  
METRO: 301-753-3330 BALT.: 301-753-7334



|           |                         |
|-----------|-------------------------|
| CES: EIC  |                         |
| DRN: EIC  |                         |
| CHK: HOR  |                         |
| DATE:     | 11/22/89                |
| BY:       | 1                       |
| NO.:      | ISSUED TO HOWARD COUNTY |
| REVISION: |                         |
| DATE:     | 11/22/89                |

PLAN & PROFILE  
WATER MAIN

600' SCALE MAP NO. 48 BLOCK NO.

DORSEY RUN ASPHALT PLANT  
CONTRACT NO. 44-1991-D  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 1 OF 1  
2511-1-0

AS-BUILT APRIL 2, 1990