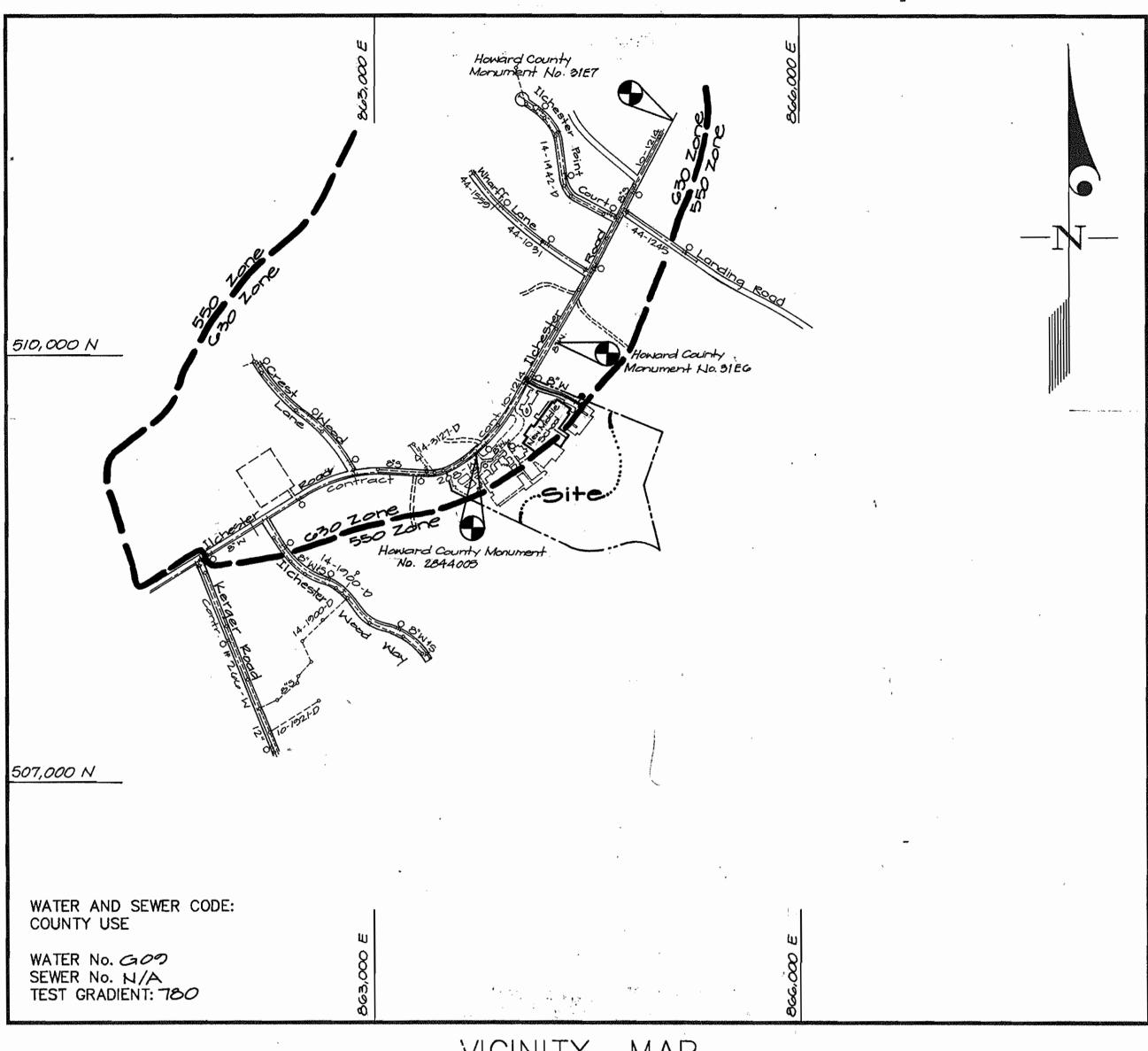
	QU	ANTITIES		
	QUANTITIES ESTIMATED	AS-BUILT		
ITEMS		QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER
<b>多"x ら" T.S.&amp;V.</b>	1 ea.			
8" Water	421 l.f.			
6" Water	10 J.f.			
Fire Hydrant & Valve	1 ea.			
			4	
44.		7		
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NAME OF UTILITY CO	NTRACTOR:	-		of dividing
TANKE OF OTHER TOO	THINAUTON.		SURVEY AND	CHECKBOX:
			DRAFTING DIV.	



SCALE: 1"=600'

CONTRACT No. 44 - 3665-D NORTHEASTERN MIDDLE SCHOOL NO. 2 PARCEL 819 L. 3322 F. 620

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in

accordance with Section 219 of the Specifications & with Road Drawings Plan SDP-98-85; Drawings 7 \* 8 far Sediment & Erosian Control.

REVIEWED FOR HOWARD SOIL CONSERVATION

U.S.D.A. NATURAL RESOURCES

CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD

DISTRICT AND MEETS TECHNICAL

REQUIREMENT.

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

GUTSCHICK LITTLE & WEBER, P.A.

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)ES: GAH RN: GAH HK: CKG DY NO

Cover Sheet Public Water Extension Scale: As Shown

Northeastern Middle School No. 2 Parcel 819

L. 3322 F. G20 Elkridge Election District No. 1 Howard County, Maryland

Contract No: 44-3665-D

Institutional / Middle School TYPE OF BUILDING NUMBER OF UNITS NUMBER OF S.H.C.'s NUMBER OF W.H.C.'s DRAINAGE AREA Patapsco Patapsco Wastewater Treatment TREATMENT PLANT

## GENÈRAL NOTES

- 1. 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.
- 2. All horizontal controls are based on Maryland State Coordinates [North American Datum 1983 (NAD '83)].
- 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 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.
- 6. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
- 7. 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.
- 8. Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans:

State Highway Administration 531-5533 BGE Contractor Services 850-4620 BGE Under Ground Damage Control 787-9068 Miss Utility 1-800-257-7777 Colonial Pipeline Co. 795-1390 Howard County Department of Public Works Bureau of Utilities 313-4900

- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not be removed or damaged by the contractor.
- 10. 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.
- 11. The contractor shall notify the Bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 18.114(a) of the Howard County Code.

- 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

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 restrained and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
- 6. The contractor shall not operate any water main valves on the existing
- 7. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- 8. For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.

- All sewer mains shall be DIP and P.V.C. unless otherwise no All manholes shall be 4' -0" inside diameter unless etherwise noted.
- Force mains shall be D.I.P. only.

  Manholes shown with 12" and 16" walls are for brick manholes only.

  Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted

GLW FILE No. 96098

> SCALE AS SHOWN

CHIEF, BUREAU OF UTILITIES

HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK - BURTONSVILLE, MARYLAND 20866 TEL: (410) 880-1820 ~ FAX: (301) 421-4186

REVISION DATE 600' SCALE MAP NO. 31 BLOCK NO. 16

SHEET 1\_OF2

