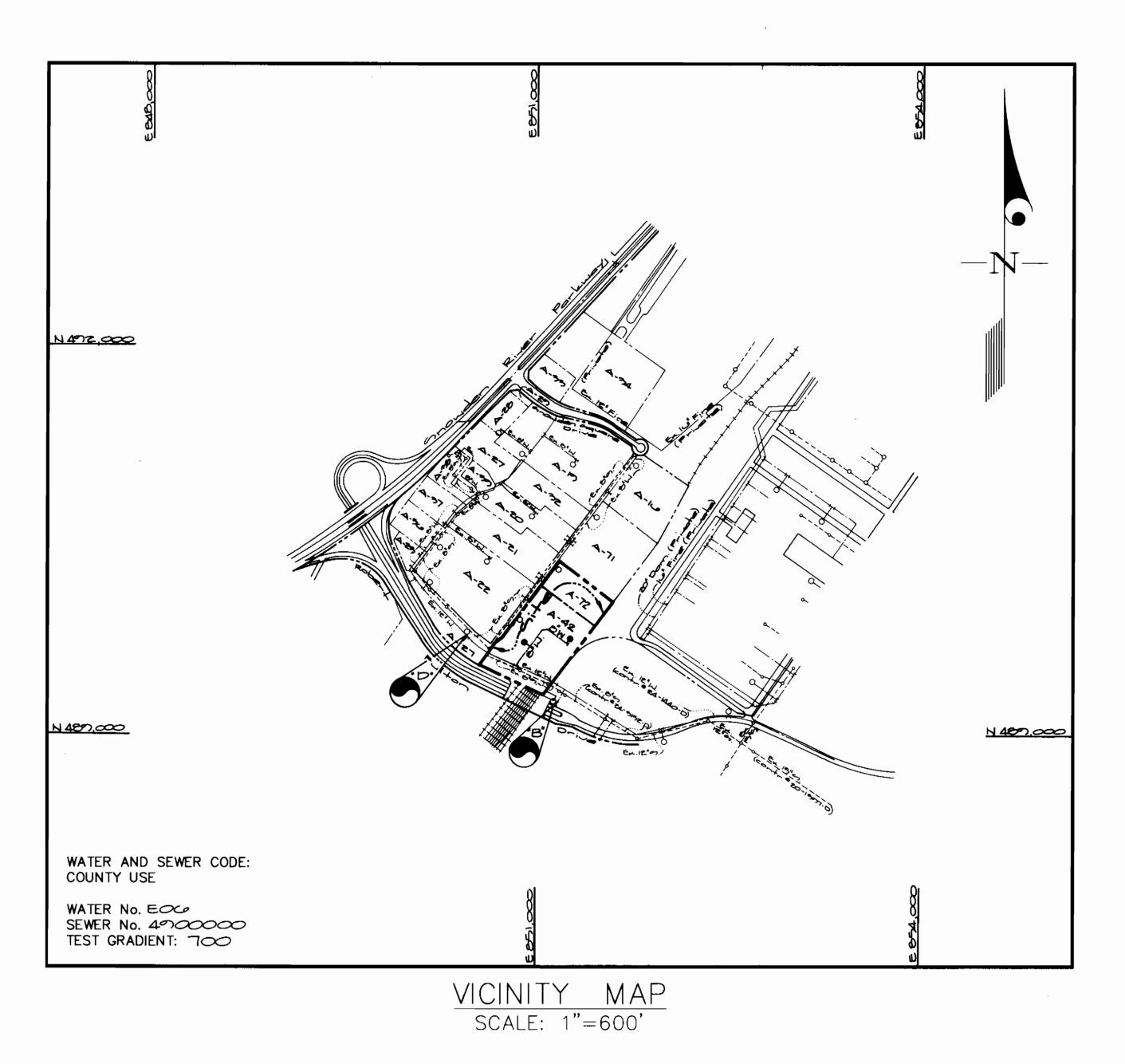


B.M."D" FH. x-cut bonnet bolt Elev. = 343.31



CONTRACT No. 44-3465-D

Gateway Commerce Center United Artists Theater Parcele A-42 & A-72

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with oits plan drawings GDP 97-77; drawings 5 & 10 ac 10 for Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

Chery Simmon 3/4/97 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

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

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

He THE MANUELLE DIV CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE GUTSCHICK LITTLE & WEBER, P.A.

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

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r \ \		GAH		General Revisions prior to Submitting Originals.	2/20/97	
$\sim$	ב לשלם :DALE	BY	NO	REVISION	DATE	600' SCALE MAP NO. 42 BLOCK NO. 540

NUMBER OF UNITS NUMBER OF S.H.C.'s NUMBER OF W.H.C.'s Little Paturent DRAINAGE AREA Management Center, avage, TREATMENT PLANT

#### **GENERAL NOTES**

TYPE OF BUILDING \_\_\_\_\_\_\_

- 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)].
- 3. 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	531-553
BGE Contractor Services	850-462
BGE Under Ground Damage Control	787-906
Miss Utility	1-800-257-77
Colonial Pipeline Co.	795–139
Howard County Department of Public W	orks
Puragu of Hillitian	313 400

- 9. 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.

## PART II - WATER

- 1. 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
- 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.

## PART III - SEWER

- All sewer mains shall be DIP and P.V.C. unless otherwise noted. All manholes shall be 4' - 0'' inside diameter unless otherwise 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 on drawings.
- 6. House(s) with the symbol "C.N.S." indicates that cellar cannot be

# Note:

These original construction plans sheet (and 2 of contract 44-3465. D will supersede the construction plan sheets 1 and 2 approved and signed by the chief of the Development Engineering Division, Department of Planning and Zoning on October 12, 1995.

WATER AS-BUILTS

GLW FILE No. 9412O

Gateway Commerce Center Public Woher Main Entermion United Artientes Theater Parcels A-42 & A-72 Guilcord Election Diestrict No. 5

SHEET

**SCALE** 

AS

SHOWN

Howard County, Maryland Lof≗ Contract No: 44-2465-10

