	QU	ANTITIES		
	CHANTITIES	AS-BUILT		
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER
8 Water	341 LF	345 L.F. 37.0 L.F.	CL.52	ATLANTIC STATES, DELTE
6" Water	33 L.F.	37.0L.F.	CL. 52	
8 water 6 water Fire Hydrantev. 6 VALVES	2 ea	2 EA.	GATE	CENTURION MUELER/USFICTER
		A44		

NAME OF UTILITY CO	L ONTRACTOR:			
			SURVEY AND DRAFTING DIV	

Bench Mark

Description

Station 2542001(concrete monument) Elev. 420.071(For Vertical Control only) Station is located on B. G. & E. Transmission lines 1000' ± SW of Dobbin Road

Bench Mark

Description

Station 2542002 (concrete monument) Elev. 303.638 (For Vertical Control Only) Station is located 1000 " West of Rte. 175 on Transmission Line at G.EE. Tower 19-E near Hanovers Restaurant entrance

Bench Mark

Description

Station STOR (1/4" rebar) N.160881.1704, E.4165667155 (For Horizontal Control Only) Station is located 0.45 miles north of Rte. 175 and 40' = East of the East curb of Snowden River PKWY.

Bench Mark

Description

Station 26/A (concrete monument) N.1602050260, E.4163135110(For Horizontal Control Only) Station is located at the Southeast corner of the intersection of Snowden River Brkway and Rte 175 3 trom curb and 57 trom end of quardrail

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & Drawings 50P 07-85 for Sediment & Erosion Control

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
Change - 47
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.
ADDDOVED.

2542001 2542002 WATER AND SEWER CODE:



Sewer Code No

3460000

CONTRACT No. 24-2602-10 Route 175 Commercial Section 1, Area 1 Parcel 'c' HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

Commercial TYPE OF BUILDING NUMBER OF UNITS 1 Parcel NUMBER OF S.H.C.'s -0- (Exinting) NUMBER OF W.H.C.'s -0-(Exina) Dorsey Run DRAINAGE AREA Little Patuxent Water TREATMENT PLANT Reclamation Plant

GENERAL NOTES

N. 498,000

- 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.
- 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	8 50- 4 620
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 óf Utilities	313-4900
Bureau of Utilities	313-49

- 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.
- 12. All water and sever mains shown on this plan are public except an indicated.

1. All water mains to be D.I.P. Class 52 unless otherwise noted.

- 2. 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.
- 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

- 1. 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
- 6. House(s) with the symbol "C.N.S." indicates that cellar cannot be

AS BUILTS

GLW FILE No. 95003

SCALE

AS

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

PLANNING AND ZONING HOWARD COUNTY, MARYLAND

DEPARTMENT OF

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

COUNTY USE

WATER No. EOG

SEWER Na. 3460000

TEST GRADIENT: Gradient = 700

CHK: Pot DATE 600' SCALE MAP NO. 36 BLOCK NO. 18 REVISION

Title Sheet

Route 175 Commercial Section 1, Area 1

SHOWN SHEET

Parcel 'c' bixth Election District-Howard Co., Maryland - Contract No.: 24-2602-0

