Bench Mark

Description

Station 2542008 (concrete monument) Elev. 303.000 (For Vertical Control Only) Station is located 1000 != West of Rte. 175 on Transmission line of G.\$6. Tower 19-6 hear Hanovers Restaurant entrance

Bench Mark

Station 37DR(1/4"rehar) N. 169881.1794, E. 416566.7155 (For Horizontal Control Only) Station is located 0.45±miles north of 175 and 461 teach of the Each curb of Snowden River PKwy.

Bench Mark

Station 361A (concrete monument) 1.160205.0263, E.416313.5110(For Harizontal Control Only) station is located at the southeast corner of the intersection of Snowden River Parkney and Rete. 175 31 from curb and 571 from and of quandrail

TAMAR DRIVE 25,42001 2542002 N.493.000 WATER AND SEWER CODE COUNTY USE W.495,000 WATER No. ---SEWER No. 3460000 TEGT GRADIENT =700 SEWER CODE NO. ZOIA 3400000

> VICINITY MAP SCALE : I" = 600'

CONTRACT NO. 20-3474-10

Route 175 Commercial Section | Area | Phase 220

COUNTY, MARYLAND HOWARD DEPARTMENT **WORKS** OF **PUBLIC**

TYPE OF BUILDING N/A (Sewer Outsall) NUMBER OF SHC's NUMBER OF WHC's Little Faturent DRAINAGE AREA

Little Patuxent Water Reclamation Plant

GENERAL 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.
- 3. All vertical controls are based on U.S.G.S. data.
- 4. All pipe elevations shown are invert elevations.
- 5. Clear all utilities by a minimum of 6". Clear all poles by a 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.
- 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 five working days before starting work shown on these plans:

State Highway Administration	531-5533
BG& Co. Contractor Services	
BG&E Co. Under Ground Damage Control	7 8 7- 9068
Miss Utility	
Colonial Pipeline Co	7 95- 1 390
Howard County Dept. of Public Works, Bur. of Utilities	313-4900

- 9. 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.
- 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.

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.

3. Valves adjacent to tees shall be stropped to tees. 4. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise

provided for on the drawings. 5. Fire hydrants shall be set to the bury line. butressed with concrete in accordance with 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 water system. in water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.

PART III - SEWER

1. All sewer mains shall be BIP, ROP, VOPX, OSPX, ROOP and P.V.C. unless otherwise noted.

2. The contractor shall provide a joint in all sewer mains within 2'-0'' of exterior manhole wall.

All manholes shall be 4'-0" inside
 Force mains shall be D.I.P. only.

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

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

QUANTITIES

7. House(s) with the symbol "C.N.S." indicates that the cellar cannot be served.

AS-BUILT QUANTITIES ITEMS MANUFACTURER, QUANTITIES ESTIMATED SUPPLIER CL 52 UNITED STATES PIPE 8" Sewer- - D. I.P. 20 L.F. 20 L.F. SDR 35 J.M. MANUFACTURING / WATER PROPERTY ATLANTIC CONC. PRODUCTS 8"Sewer-Py.C. 3 MH. Es 3 EA. 4'-0" Manholes NAME OF UTILITY CONTRACTOR: W.F. WILSON & SONS, INC.

SURVEY AND CHECKBOX: DRAFTING DIV. AS-BUILT DATE:

SCALE

SHOWN

SEWER AS - BUILTS Route 175 Commercial

Section | Area | Phase 220 Sixth Election District-Howard Co., Maryland 1052 Contract No.: 20-3474-D

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with Road Construction Plan F 20-41; Drawings 24 thru 2004 20 Sediment & Erosion Control, and GP 020-45

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL U U.S. SOIL CONSERVATION SERVICE

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

HOWARD S.C.D. Phyloge 12/1/95

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

GEW GUTSCHICK LITTLE&WEBER,PA ENGINEERS, PLANNERS, SURVEYORS

CHK: Mit.

REVISION

DATE 600 SCALE MAP NO. 20 BLOCK NO. 18

Title Sheet

3909 NATIONAL ORIVE SUITE 250 BURTONSVILLE OFFICE PARK (301) 421 - 4024

