WATER EXTENSION

2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3985-D

BALTIMORE NATIONAL PIKE

VICINITY MAP

CONTRACT No.

| QUANTITIES | | | | | | | | | |
|---------------|-------------------------|------------|------|----------------------------|--|--|--|--|--|
| I TEMS | QUANTITIES ESTIMATED | AS-BUILT | | | | | | | |
| | | QUANTITIES | TYPE | MANUFACTURER / SUPPLIER | | | | | |
| 8" WATER | 276 LF | | | | | | | | |
| 6" WATER | 33 LF | | | | | | | | |
| FIRE HYDRANTS | 1 EA. | | | | | | | | |
| 6" VALVES | 2 EA. | | | | | | | | |
| 12"×8"T, S&V | 1 EA. | | | | | | | | |
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NAME OF UTILITY CONTRACTOR

Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications and as shown on SDP-01-134

CHECKBOX AS-BUILT DATE SURVEY AND DRAFTING DIVISION

Review for Howard Soil Conservation District and meets technical requirements.

sediment control by the Howard Soil Conservation

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND







W & S Code

County Use

Sewer No. 1402800

Test Gradient: 700

Zone: 550

Water No.___F07_

DES: CJR DRN: MAD CHK: CJR REVISION

YPE OF BUILDING: RELIGIOUS

TREATMENT PLANT: PATAPSCO WWTP

DRAINAGE AREA: PATAPSCO

ACILITY/SCHOOL

NUMBER OF W.H.C.: 1

NUMBER OF S.H.C.: 0

TITLE SHEET

600' SCALE MAP NO. _____24 ___ BLOCK NO.

ST. JOHN'S EPISCOPAL CHURCH 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT 44-3985-D

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
- 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 of are invert elevations.
- 5. 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, Yolume 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 Baltimoré Gas & Electric Co. Contractor Services Baltimore Gas & Electric Co. Underground Damage Control Miss Utility Colonial Pipeline Co.

531-5533 850-4620 787-9068 1-800-257-7777 795-1390 313-4900

Bureau of Utilities, Howard County Department of Public Works 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 bld for construction of the main.
- 11. All water mains to be D.I.P. Class 52 unless otherwise noted.
- 12. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
- 13. Valves adjacent to tees shall be strapped to tees.
- 14. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- 15. 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 Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard
- 16. The contractor shall not operate any water main valves on the existing
- 17. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- 18. Contractor is solely responsible for construction means, methods, techniques, sequences, procedures, and safety precautions and programs.
- 19. The fire hydrant shall be installed as per standard detail W.1.11.

of the Howard County Code.

- 20. Fire hydrants will be located 3' FROM BACK OF CURB unless otherwise noted.
- 21. The contractor shall notify the Bureau of Highways, Howard County, at (410) 313-7450 at least five (5) working days before any open cut of any County road or boring\jacking operation in County roads for laying water\sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a)

BENCHMARKS

N 587380.601 E 1352603.657

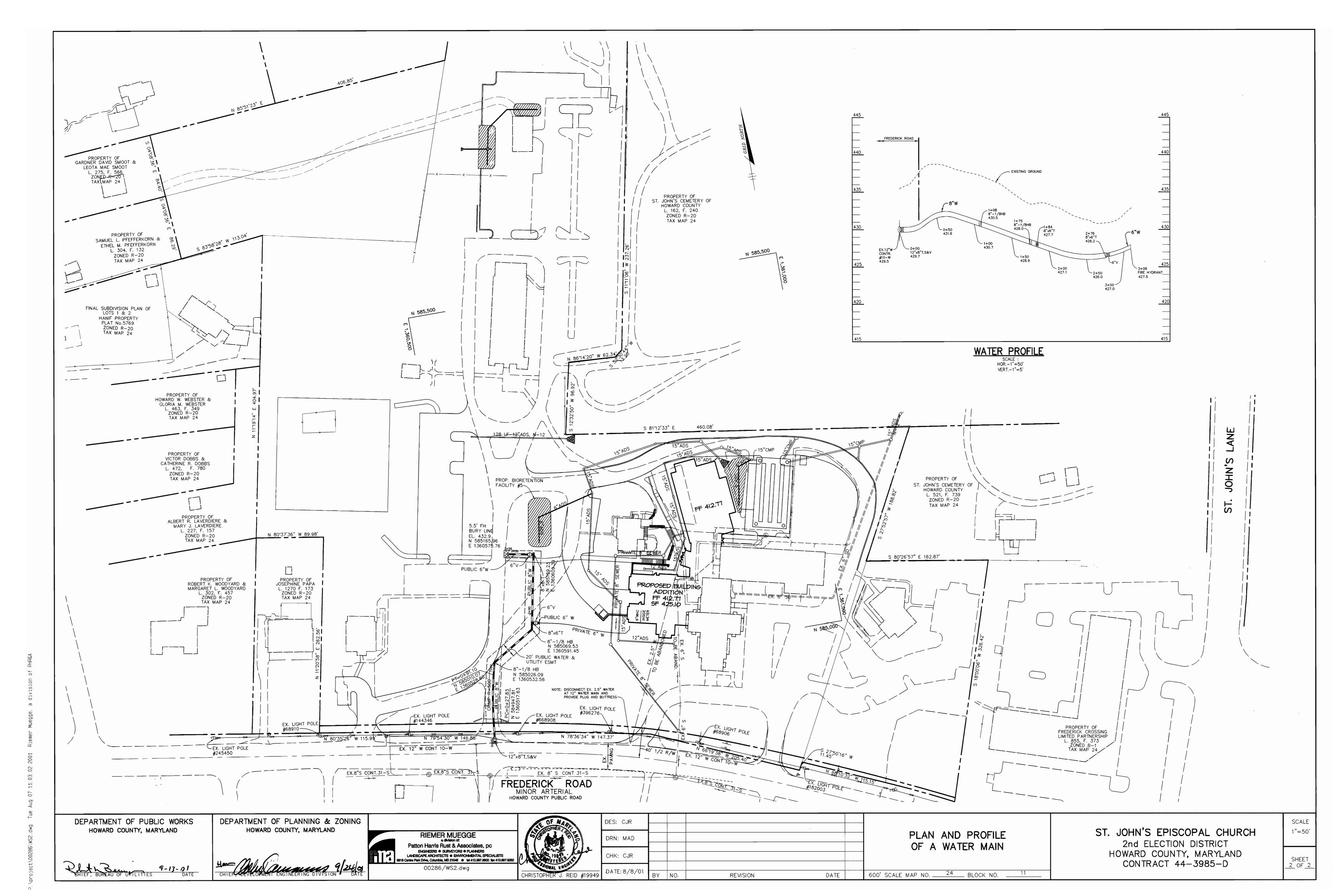
HOWARD COUNTY SURVEY CONTROL STATION: 24 AA

HOWARD COUNTY SURVEY CONTROL STATION: 24 B5 N 586956.212 E 1356570.816

> SCALE AS SHOWN

SHEET

1 OF



WATER EXTENSION

2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3985-D

| | | | _ | | | | | |
|-----------------------|------------|------------|------|----------------------------|--|--|--|--|
| QUANTITIES | | | | | | | | |
| | QUANTITIES | AS-BUILT | | | | | | |
| I TEMS | ESTIMATED | QUANTITIES | TYPE | MANUFACTURER / SUPPLIER | | | | |
| 8" MATER | 276 LF | | | | | | | |
| 6" WATER | 33 LF | | | | | | | |
| FIRE HYDRANTS | I EA. | | | | | | | |
| 6" VALVES | 2 EA. | | | | | | | |
| 12"×8"T,S \$ V | 1 EA. | | | | | | | |
| 11/2" WATER | 10 LF | | | | | | | |
| 1" WATER VAULT | l EA | | | | | | | |
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BALTIMORE NATIONAL PIKE W & S Code TYPE OF BUILDING: RELIGIOUS County Use FACILITY/SCHOOL Water No. F07 DRAINAGE AREA: PATAPSCO Sewer No. 1402800 TREATMENT PLANT: PATAPSCO WWTP Test Gradient: 700 NUMBER OF W.H.C.: 1 Zone: 550 NUMBER OF S.H.C.: 0 VICINITY MAP

BENCHMARKS

HOWARD COUNTY SURVEY CONTROL STATION: 24 B5 E 1356570.816

HOWARD COUNTY SURVEY CONTROL STATION: 24 AA N 587380.601 E 1352603.657

N 586956.212

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

RIEMER MUEGGE Patton Harris Rust & Associates, pc ENGINEERS ● SURVEYORS ● PLANNERS LANDSCAPE ARCHITECTS • ENVIRONMENTAL SPECIALISTS 8818 Centre Park Drive, Columbia, MD 21045 tel 410.997.8900 fax 410.997.9283



| | DES: CJR | | | | |
|----|---------------|-----|-------------|---------------------|-------|
| | DE3: 00K | | | | |
| | DRN: MAD | | | _ | |
| | + | | | | |
| | CHK: CJR | | | | |
| | DATE 0 (0 (01 | CJK | \triangle | MODIFIED QUANTITIES | 3.21. |
| 49 | DATE: 8/8/01 | BY | NO. | REVISION | DA |
| | | | | | |

TITLE SHEET

600' SCALE MAP NO. 24 BLOCK NO.

ST. JOHN'S EPISCOPAL CHURCH 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT 44-3985-D

GENERAL NOTES

 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

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531-5533

850-4620

787-9068

313-4900

1-800-257-7777 795-1390

2. All horizontal controls are based on Maryland State Coordinates.

4. All pipe elevations shown 🕟 are invert elevations.

3. All vertical controls are based on U.S.G.S. data.

construction operations at his own expense.

Baltimoré Gas & Electric Co. Contractor Services

Baltimore Gas & Electric Co. Underground Damage Control

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Bureau of Utilities, Howard County Department of Public Works

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State Highway Administration

Miss Utility

noted.

Colonial Pipeline Co.

damaged by the contractor.

construction of the main.

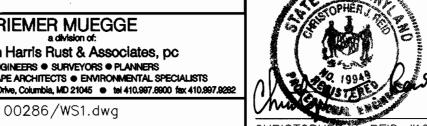
of the Howard County Code.

AS SHO**W**N

SCALE

SHEET 1 OF 2

HOWARD COUNTY, MARYLAND



NAME OF UTILITY CONTRACTOR SDP-01-134 This plan is approved or soil erosion and by the Howard Soil Conservation

CHECKBOX Sediment control measures for this contract will be implemented in accordance with Section AS-BUILT DATE 219 of the Specifications and as shown on SURVEY AND DRAFTING DIVISION Review for Howard Soil Conservation District and meets technical requirements.

