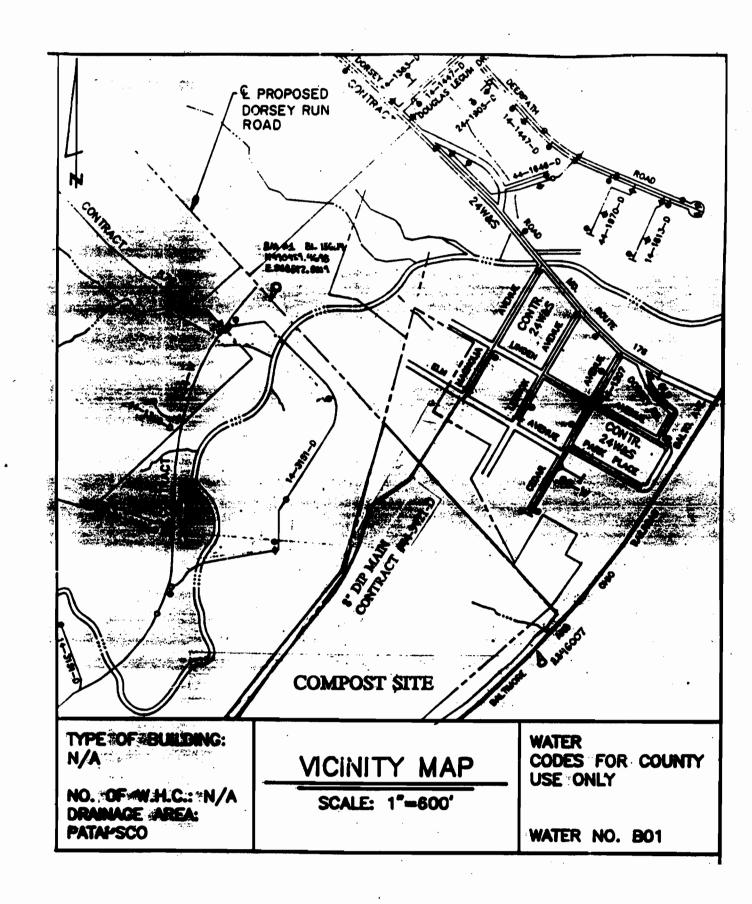
## GENERAL NOTES

- Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply.

  And damage incurred shall be repaired immediately to the satisfaction of the inspector, 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. Datum.
- 4. 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. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill.
- For details not shown on the drawings use Howard County Standard Details.
- 7. For materials and construction methods use Howard County Standard Specifications & Details and Howard County Design Manual, /olume IV, (Latest Edition). The Contractor shall have copies of these on the job site.
- Contractor shall locate existing utilities a minimum of tow
   weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
- Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on

State Highway Administration - 531-5533
Baltimore Gas & Electric Company - Underground Damage Control - 787-9068 Baltimore Gas & Electric Company - Contractor Services - 850-4620 Baltimore Gas & Electric Company - Trouble Shooting "Miss Utility" - 1-800-257-7777 Chesapeake & Potomac (C&P) Telephone Company - 1-800-257-7777 Bureau of Utilities Howard County - 313-4900 Colonial Pipeline Company - 795-1390

- 10. Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.
- 11. Contractor shall remove trees, stumps, and roots along line of excavation as directed by the Inspector. Payment for such removal shall be included in the unit price bid for excavation
- 12. Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance
- 13. All water mains to be D.I.P. Class 52 unless otherwise noted.
- 14. Top of all water mains to have a minimum of 3-1/2° cover unless otherwise noted.
- 15. Valves adjacent to tees shall be strapped to tees.
- 16. Block all fittings with concrete.
- 17. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with Std. Det.W1. 1 & W2.11 Soil around the fire hydrant to be compacted in accordance with Sections 1000 & 1005 of the Standard
- 18. All water house connections shall be for an inside meter
- 19. The Contractor shall not operate any water main valves on the
- 20. Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossing, water and sewer lines shall have a minimum horizontal separation of 10'.



Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications and as shown on 19095.60

Review for Howard Soil Conservation District and meets technical requirements.

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

CONSERVATION DISTRICT

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

MARYLAND ENVIRONMENTAL SERVICE

2011 COMMERCE PARK DRIVE ANNAPOLIS, MD 21401 (410) 974-7254



|         | DES:  |     |     | -                                       |        | _        |
|---------|-------|-----|-----|---|--------|----------|
|         | DRN:  |     |     |   |        |          |
|         | СНК:  |     |     |   |        | $\dashv$ |
| M. E.C. | DATE: | MBA | 1   | QUANTITY TABLE CHANGE, QUANTITIES ADDED | 10/12/ | 100      |
|         | ,     | BY  | NO. | REVISION                                | DAT    | E        |
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TITLE PAGE

600' SCALE MAP NO. 43 BLOCK NO. 6 AND 12

FIRE HYDRANTS

| O CAL VIAD DOLLIUFOO   |             | _           | D. 1.P   | GRIFFIN FIFE CO.     | <del></del> |
|------------------------|-------------|-------------|----------|----------------------|-------------|
| 8"x2" TEES             | 1           | 1           | D.1.P    | 11 11                |             |
| 8"x4" TEES             | 1           | 3           | D.IP     | 12 11 11             |             |
| 8"x6" TEES             | 5           | 5           | D.I.P    | 11 11 15             | 2           |
| BACKFLOW PREVENTER     | 4-          | _           | -        |                      |             |
| BLOWOFF HYDRANT        | 1           | 3           | 3"×4"    | JOHN C. RAPTERLE P/O |             |
| AIR RELAEASE VALVE     | 1           | Z           | AR VIG.V | VAL-MATIC VALUE      |             |
| NAME OF UTILITY CONTRA | CTOR FALLET | TON UTILITI | es INC.  |                      |             |
|                        | 2           |             |          |                      |             |
|                        | 4           |             |          |                      |             |

By the Developer:

Conservation District.

"I/We certify that all development and construction will by one according to this plan, and that any

responsible personnel involved i.. .he construction

Program for the Control of Sediment and Erosion before beginning the project. I also authorize

periodic on-site inspection by the Howard Soil

"I certify that this plan for erosion and sediment

control represents a practical and workable plan based on my personal knowledge of the site conditions and that

it was prepared in accordance with the requirements of

Signature of Developer
Print name below signature

JAMES W. PECK

the Howard Soil Conservation District."

FOR SOIL EROSION AND SEDIMENT CONTECT BY THE HOMEN SOIL COMBRESSITION

project will have a Certificate of Attendance at a . . Department of the Environment Approved Training

BALTIMORE REGIONAL YARD DEBRIS COMPOSTING **FACILITY** 

> FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3421-D

AS - BUILT 2-8-96

SCALE

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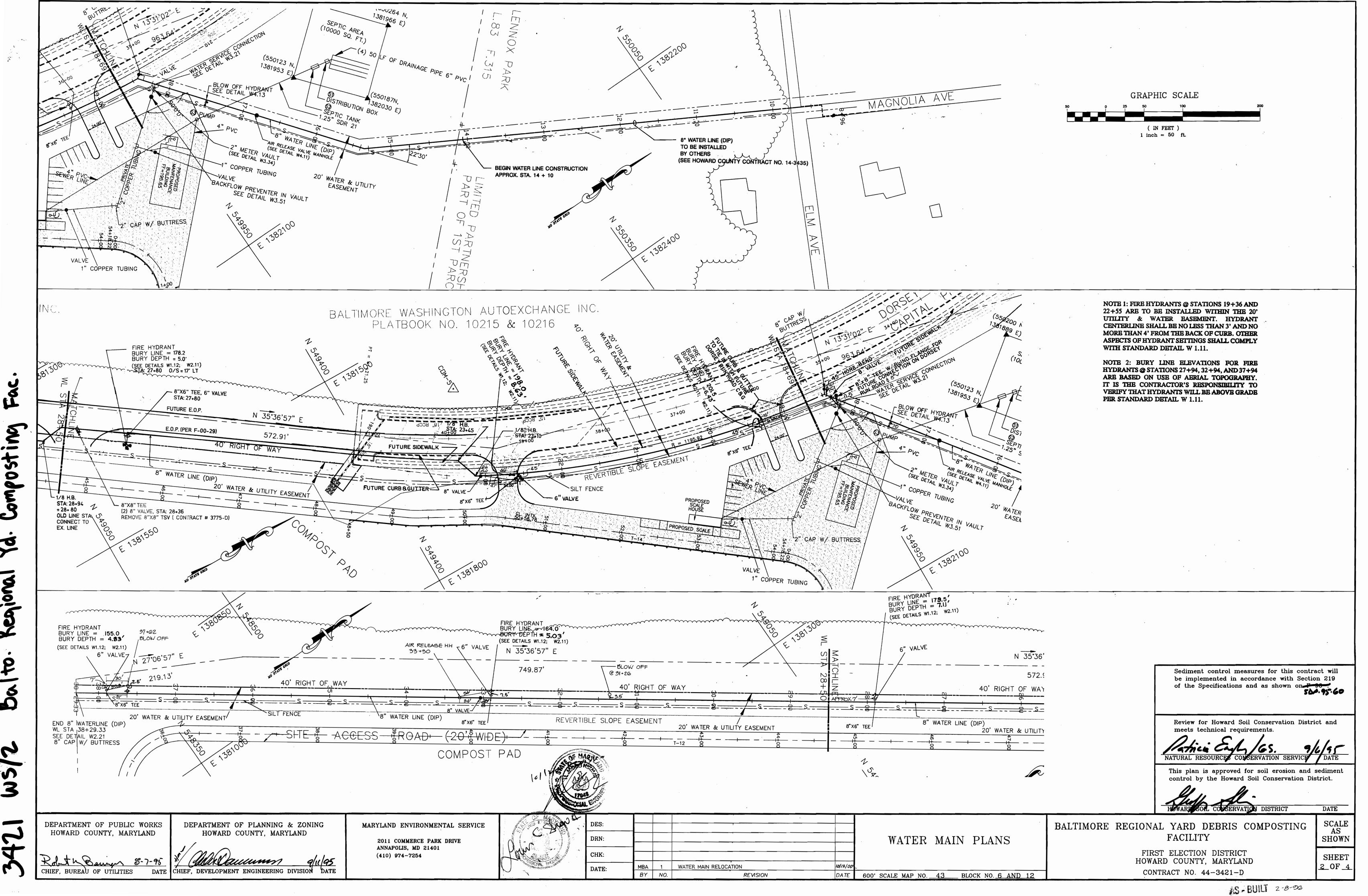
SHOWN

SHEET

1\_OF\_4

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CHIEF, BUREAU OF UTILITIES DATE CHIEF, DEVELOPMENT ENGINEERING DIVISION



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