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 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 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.
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BGE Contractor Services BGE Under Ground Damage Control 410-850-4620 410-291-4607 1-800-257-7777 Miss Utility 410-549-4120 Colonial Pipeline Co. Howard County Department of Public 410-313-4900 1-800-446-5266 Works Bureau of Utilities Bell Atlantic

- 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.
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 Payment for such removal shall be included in the unit price bid for construction of the main.
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WATER NOTES

- 1. Water lines constructed by this plan are to serve one fire hydrant and one sprinkler connection. No new domestic water connection or meter will be added to the building.
- 2. All water mains to be D.I.P. Class 52 unless otherwise noted.
- 3. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
- 4. Valves adjacent to tees shall be strapped to tees.
- 5. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- 6. 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 water system.
- 8. All D.I.P. fittings shall be in accordance with A.W.W.A. Specification C-153 Ductile Iron Compact Fittings, 3 Inch through 12 Inch for Water and Other Liquids.

REVIEWED FOR NATURAL RESOURCE CONSERVATION SERVICE AND MEETS TECHNICAL REQUIREMENT

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY

CONSERVATION DISTRICT.

PROP.8"W CONTRACT* 44-3883-D-7 EX.8" S
CONTRACT* 234 W&S— CONTRACT* 44-3883-D— HOWARD CO.MONUMENT NO.48AB PRIVATE SEWER--/ CONNECTION 537,000 VICINITY MAP NO.OF LOTS _____ NO.OF WATER CONNECTIONS _____SPRINKLER - I SCALE: 1'' = 600'WATER CODE: B-02 NO.OF SEWER HOUSE CONNECTIONS RELOCATE - I SEWER CODE: 4202600 DRANAGE AREA ______ WATER CODE _ TEST GRADIENT: _____550 CONTRACT NO. 44-3883-D SEWER CODE _____ *4202600*

HOWARD CO. MONUMENT

NO.43GA

BENCHMARK DATA

N541797.061, E1369159.490 ELEV. 220.114 N538384.463, E1366415.854 ELEV. 226.367

. FOR ON-SITE BENCHMARKS SEE SHEET 2 OF 2 2. REFER TO HOWARD COUNTY LOCATION SKETCH FOR EXACT LOCATION

SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL VOLUME IV, SPECIFICATIONS AND SITE DEVELOPMENT PLAN SDP-00-126. .

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| 2 | PLAN & PROFILES |
| | |

SDP # 00-126 SUBMITTED 05/05/00 REF: SDP # 80-86 APPROVED 1/24/80

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| / | TITLE SHEET |
| 2 | PLAN & PROFILES |
| 2 | PLAN & PROFILES |

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CHIEF. BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING GREENHORNE & O'MARA, INC. 9001EDMONSTON ROAD, GREENBELT, MARYLAND 20770 (301) 982-2800 ©Latest Date Hereon ANNAPOLIS,MO-ATLANTA,GA-TAMPA,FL-OENVER,CO-FAIRFAX,VA-WEST PALM BEACH,FL

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| | | | | | | | 600' SCALE MAP NO. 48 BLOCK NO |

IRON MOUNTAIN STORAGE FACILITY BUILDING ADDITION BALTIMORE-WASHINGTON INDUSTRIAL PARK TITLE SHEET BLOCK D, PARCEL C, PLAT #4484

QUANTITIES

QUANTITIES

QUANTITIES

ESTIMATED

5 *LF*

61 LF

115 LF

298 LF

ITEMS

6" DUCTILE IRON FIRE HYDRANT LEAD

8" DUCTILE IRON WATER LINE

8"X6" FIRE HYDRANT TEE

6" FIRE HYDRANT VALVE

12" DUCTILE IRON WATER LINE

PUBLIC WATER

12"XI2" TEE

12"XIO" REDUCER

12"X8" REDUCER

4' FIRE HYDRANT

2"X10" TS&V

PRIVATE WATER

8" DUCTILE IRON WATER LINE

NAME OF UTILITY CONTRACTOR:

SURVEY AND DRAFTING DIVISION AS-BUILT DATE:

8" VALVE

8"¹/₈HB 8" CAP

8" I/8HB

8" CAP

542,000

537,000

AS-BUILT

MANUFACTURER/SUPPLIER

TYPE

WATER EXTENSION PLAN CONTRACT NO. 44-3883-D

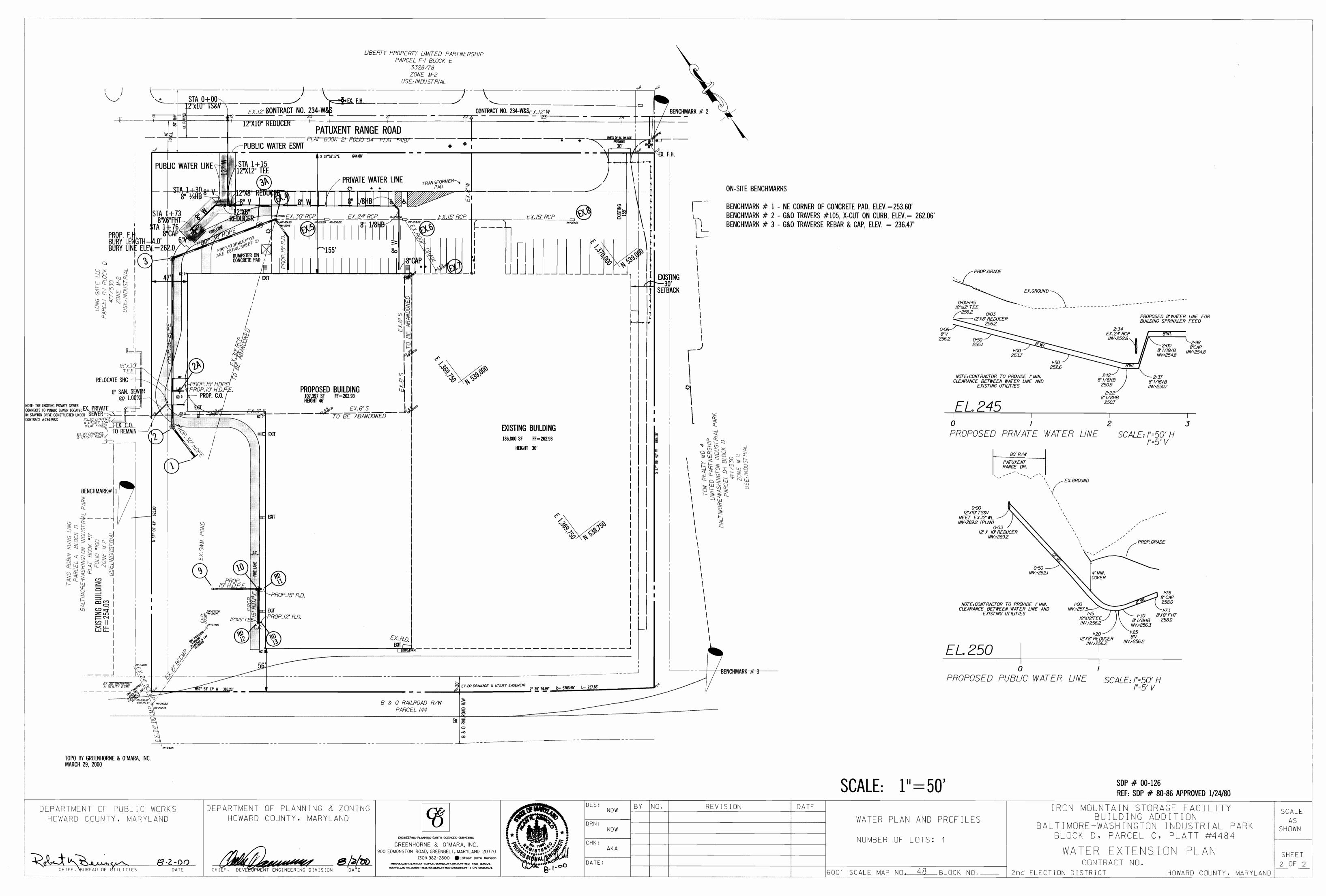
2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE

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\$\$DATE\$\$



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CONSERVATION DISTRICT,

8-2-00

542,000 HOWARD CO. MONUMENT NO.43GA PROP.8" W CONTRACT* 44-3883-D-7 EX.8" S CONTRACT* 234 W&S— CONTRACT* 44-3883-D— -HOWARD CO.MONUMENT NO.48AB PRNATE SEWER— CONNECTION 537,000 537,000 (OAD 107,400 SF STORAGE VICINITY MAP TYPE OF BUILDING ____ NO.OF LOTS __ SCALE: 1'' = 600'

NO.OF WATER CONNECTIONS ______SPRINKLER - I NO.OF SEWER HOUSE CONNECTIONS RELOCATE - I DRAINAGE AREA ___ WATER CODE

CONTRACT NO. 44-3883-D 4202600 SEWER CODE _

WATER CODE: ______B-02 SEWER CODE: ___ TEST GRADIENT:

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N541797.061, E1369159.490 ELEV. 220.114 N538384.463, E1366415.854 ELEV. 226.367

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SDP # 00-126 SUBMITTED 05/05/00 REF: SDP # 80-86 APPROVED 1/24/80

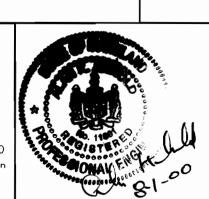
INDEX SHEET TITLE TITLE SHEET PLAN & PROFILES

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING GREENHORNE & O'MARA, INC. DOLEDMONSTON ROAD, GREENBELT, MARYLAND 20770 (301) 982~2800 ©Latest Date Hereon ANNAPOLIS,MO-ATLANTA,GA-TAMPA,FL-DENYER,CO-FAIRFAX,YA-WEST PALM BEACH,FL

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TITLE SHEET

CONTRACT NO. 44-3883-D

HOWARD COUNTY, MARYLAND

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1 OF 2

IRON MOUNTAIN STORAGE FACILITY BUILDING ADDITION BALTIMORE-WASHINGTON INDUSTRIAL PARK BLOCK D, PARCEL C, PLAT #4484 WATER EXTENSION PLAN

QUANTITIES

QUANTITIES

5 L.F.

61 L.F.

115 L.F.

298 C.P.

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6" FIRE HYDRANT VALVE

PUBLIC WATER

12"X12" TEE

8" VALVE

8"¹/₈HB

8" CAP

8" I/8HB

8" CAP

12"XIO" TS&V

12"XIO" REDUCER

12"X8" REDUCER

4' FIRE HYDRANT

PRIVATE WATER

8" DUCTILE IRON WATER LINE

NAME OF UTILITY CONTRACTOR:

SURVEY AND DRAFTING DIVISION AS-BUILT DATE:

ESTIMATED

5 *LF*

61 LF

115 <u>LF</u>

298 LF

AS-BUILT

TYPE

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D.IP. CL 52

DIP CL-52

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D. I. P. RES GATE

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GRIFFIN/BROS.

CRFFINI / BROS.

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CRIFFINI/BROS.

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K.C.I 1 AS BUILT CONDITIONS ADDED PLAN 05/2/01 600' SCALE MAP NO. 48 BLOCK NO. _ 2nd ELECTION DISTRICT

\$\$DATE\$\$

