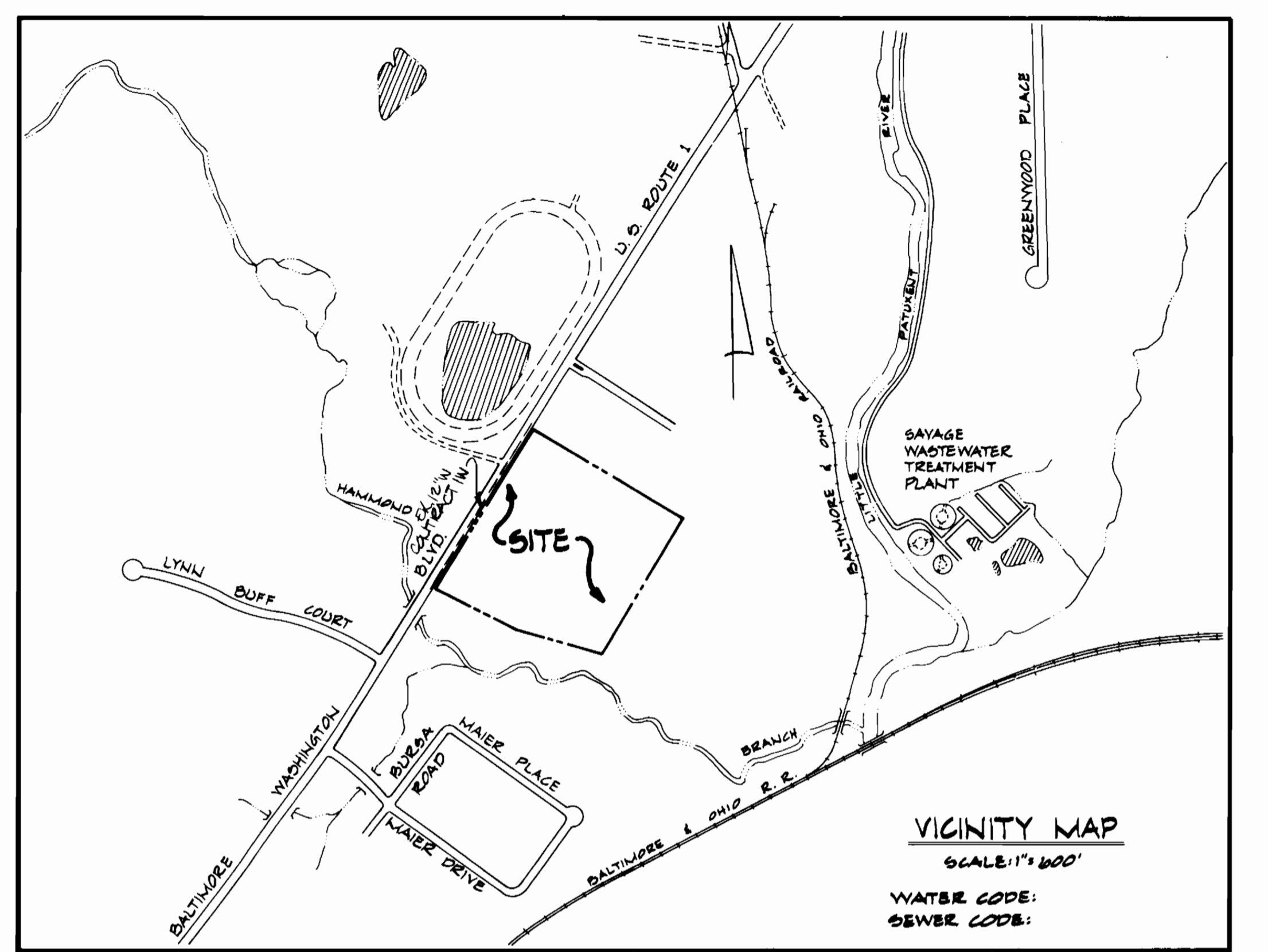
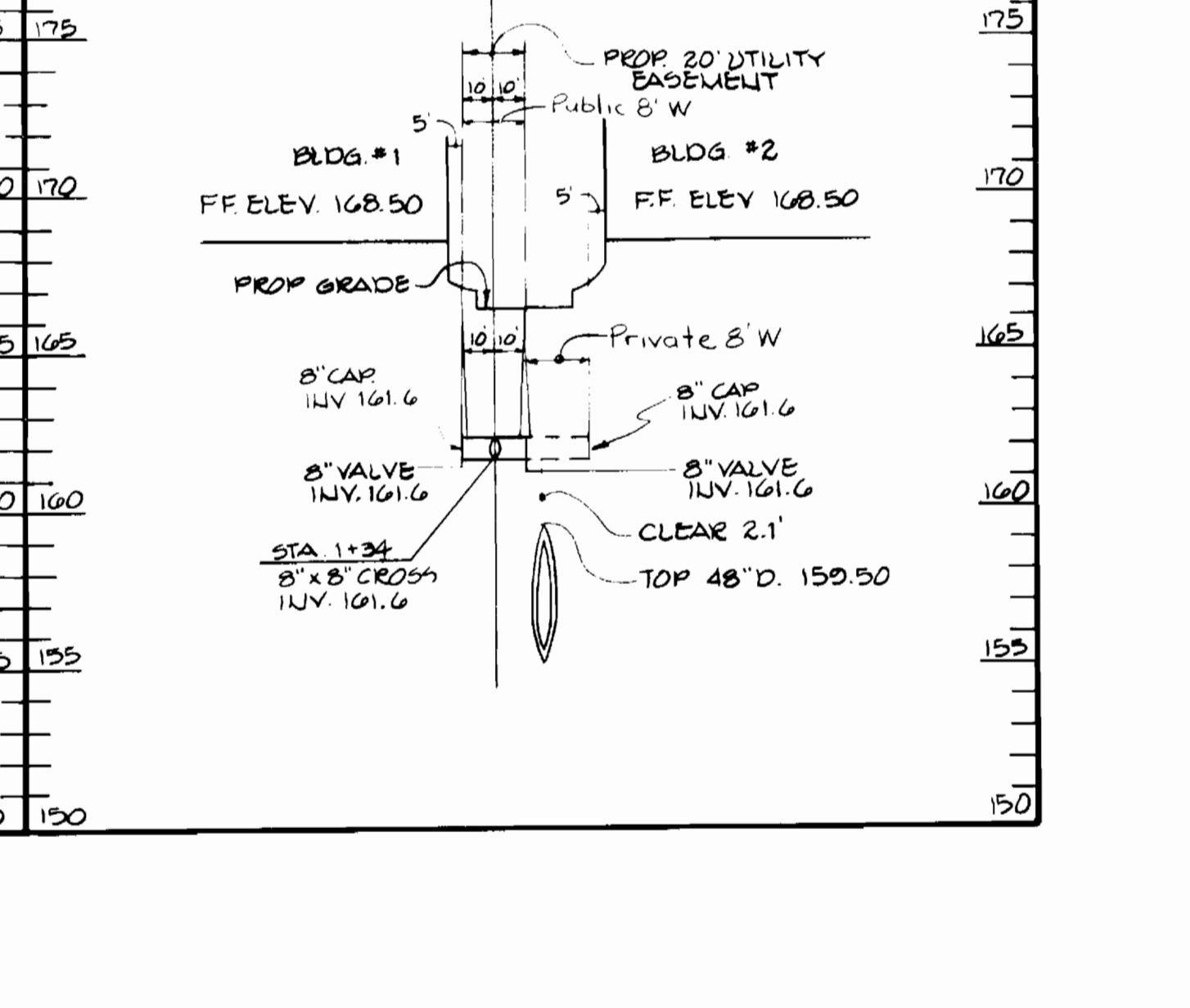
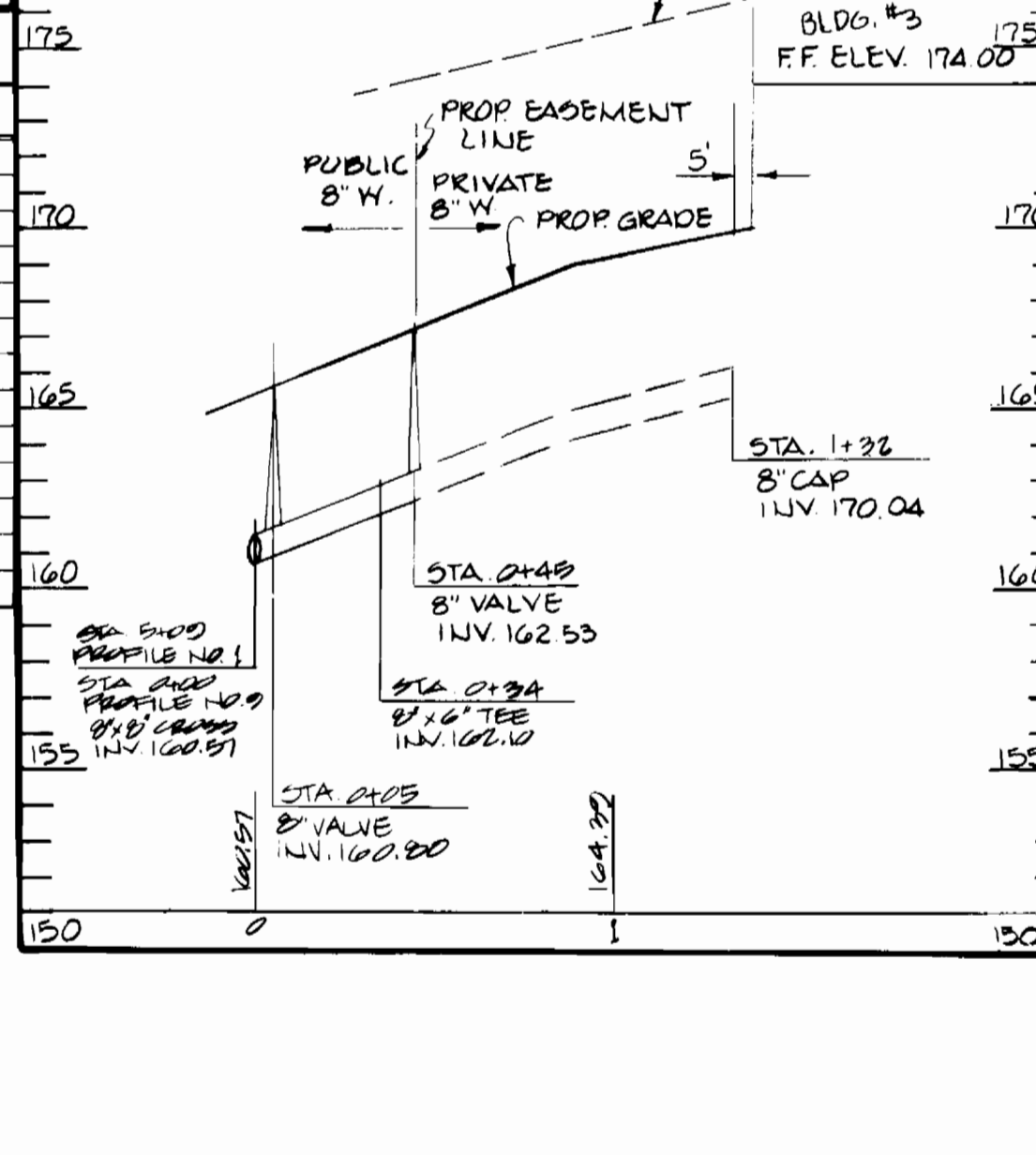


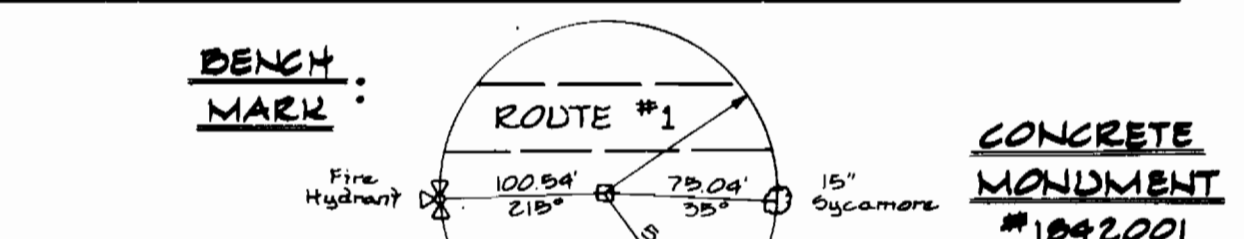
PROFILE #8
SCALE: 1"=5' HOR., 1"=5' VERT.

EX. GRADE
PROP GRADE
BURY LINE ELEV. 157.00
8" VALVE INV. 157.00
8" CAP INV. 152.20
STA. 0103
REGULATE TO STA. 0103

QUANTITIES			
ITEM	ESTIMATED	AS-BUILT	MATERIAL/SUPPLIER
8" Water	1321 L.F.		
12" Water	12 L.F.		
8" Valve	7 Each		
12" x 8" CROSS	2 Each		
12" x 8" Tee	1 Each		
8" x 6" Tee	4 Each		
16" Fire Hydrant	4 Each		
Fire Hydrant Yards	4 Each		
8" Cap	5 Each		
8" S.H.C.	10 L.F.		



TYPE OF BUILDING	OFFICE & WAREHOUSE
NUMBER OF LOTS	1
NUMBER OF WATER H.C.	1
NUMBER OF SEWER H.C.	3
DRAINAGE AREA	LITTLE PATUXENT



- GENERAL NOTES**
- PART I**
- 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.
 - All horizontal controls are based on Maryland State Coordinates.
 - All vertical controls are based on U.S.G.S. data.
 - All pipe elevations shown are invert elevations.
 - CLEAR ALL UTILITIES BY A MINIMUM 6" CLEAR ALL PILES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED AND COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT PILES SHALL BE INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
 - CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO 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 WORKING DAYS BEFORE STARTING WORK ON THESE PLANS: STATE HIGHWAY ADMINISTRATION - 501-2553, BALTO. GAS & ELECTRIC CO. CONTRACTOR SERVICES - 301-2505.
- PART II - WATER**
- All water mains to be D.I.P. unless otherwise noted.
 - Top of all water mains to have a minimum of 3' cover unless otherwise noted.
 - Valves adjacent to trees shall be trapped to trees.
 - All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided on the drawings.
 - Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be trapped and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1003 of the Standard Specifications.
 - The contractor shall not operate any water main valves on the existing water system.
 - All water house connections inside meter setting unless otherwise shown.
 - ALL WATER HOUSE CONNECTIONS SHALL COMPLY WITH HOWARD CO. STD. 3.21 AS SHOWN ON ARTICLE 40 SPECIAL PROVISIONS.
 - MINIMUM CURVE RADIUS SHALL BE AS SPECIFIED BY PIPE MANUFACTURER.
 - PLACE REGULATION WHEN WORKING AND MARKING SIGNS AS REQUIRED TO COMPLY WITH THE MD STATE HIGHWAY ADMINISTRATIONS - MANUAL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. Helms 4/22/85
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

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

APPROVED:
Stephen L. Fisher 4/22/85
HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS & S.D.P. 05-100

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

W. F. Neely 5-7-85
DIRECTOR OF PUBLIC WORKS DATE

Joseph P. Smith 5-8-85
CHIEF, BUREAU OF ENGINEERING DATE

GEORGE WILLIAM STEPHENS, JR.
AND ASSOCIATES
303 ALLEGHENY AVE.
TOWSON, MARYLAND 21284
825-8120

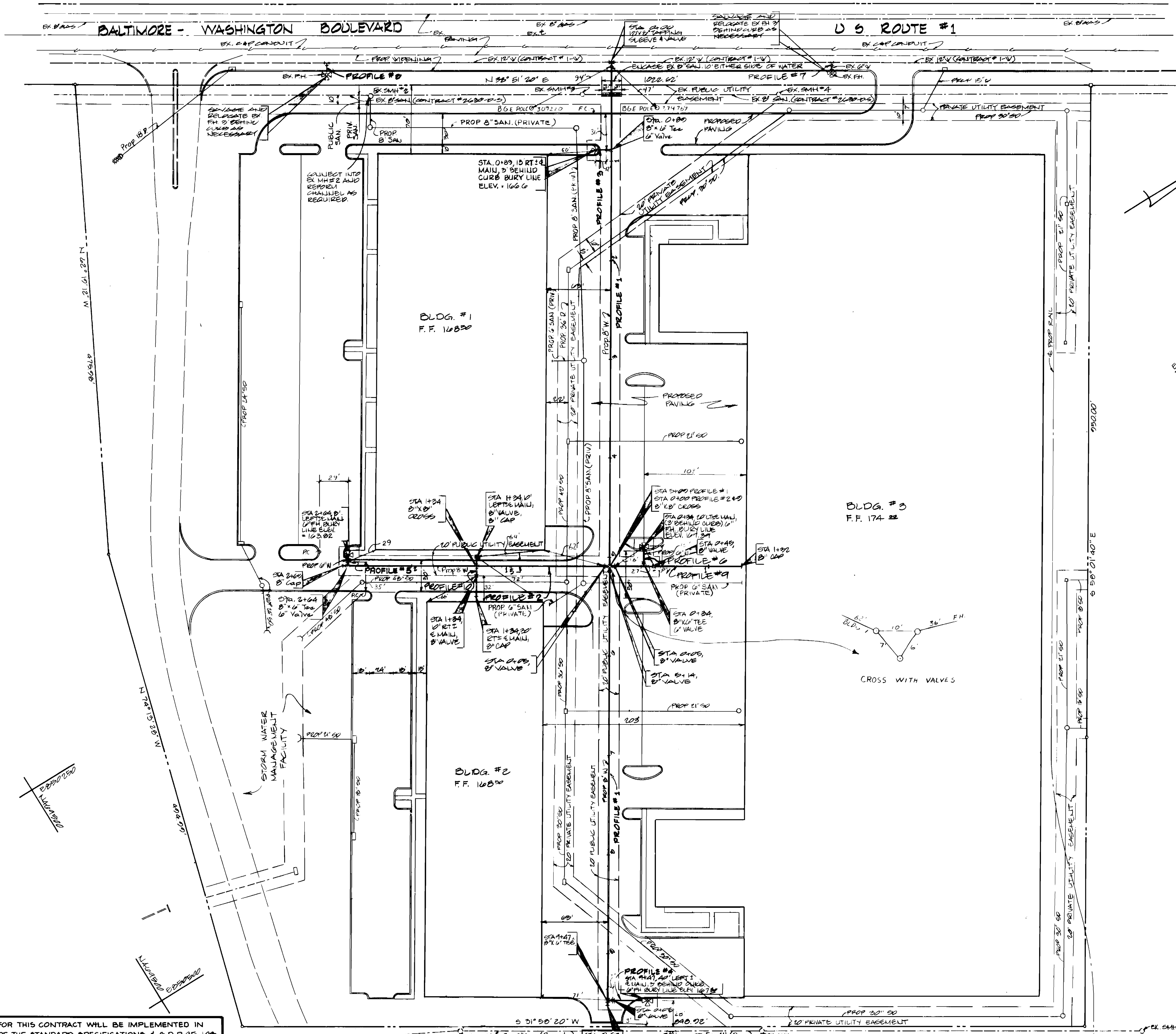
DES: PRC	
DRN: P.R./C.A.H.	
CHK: T.G.	
C.A.H.	
BY NO.	
REVISION	
DATE	

PLAN AND PROFILE FOR PROPOSED WATER MAIN
CONTRACT NO. 24-1340-D
600' SCALE MAP NO. 42 BLOCK NO.

PROPERTY OF "LEROY M. MERRITT"
PARCEL # - A RESUBDIVISION OF HOWARD COUNTY TITLE HOLDING COMPANY, INC.

6TH ELECT. DIST. HOWARD COUNTY, MD
JANUARY 11, 1985

SCALE AS SHOWN
SHEET 1 OF 2



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *James M. Helms* DATE: 4/28/85
 U.S. SOIL CONSERVATION SERVICE

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

APPROVED: Signature: *Stephen L. Fahn* DATE: 4/28/85
 HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS & S.D.P. 85-100

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Signature: *James F. Nunn* DATE: 5-7-85
 CHIEF BUREAU OF PUBLIC WORKS

Signature: *R. J. M. Brennan* DATE: 5-2-85
 CHIEF BUREAU OF UTILITIES

Signature: *George W. Stephens, Jr.* DATE: 4/16/85
 CHIEF BUREAU OF ENGINEERING

Signature: *George W. Stephens, Jr.* DATE: 4/16/85
 CHIEF LAND DEVELOPMENT DIVISION

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES
 303 ALLEGHENY AVE.
 TOWSON, MARYLAND 21284
 829-8120

Signature: *George W. Stephens, Jr.*

DES: P.R.C.	DATE: 5-2-85
DRN: D.R.A./C.A.H.	DATE: 5-2-85
CHK: T.C.	DATE: 5-2-85
BY: NO.	DATE: 5-2-85
REVISION	DATE
1. CALLED OUT PROFILE #7	
2. PUT UP STATE GRID SYSTEM GRID TICKS ON	

PLAN AND PROFILE FOR PROPOSED WATER MAIN
 CONTRACT NO: 24-1346-0
 600' SCALE MAP NO. 42 BLOCK NO.

PROPERTY OF "LEROY M. MERRITT"
 PARCEL 'A' - A RESUBDIVISION OF HOWARD COUNTY TITLE HOLDING COMPANY, INC.
 4TH ELECT. DIST. HOWARD COUNTY, MD.
 JANUARY 7, 1985

SCALE: 1"=20'
 SHEET 2 OF 2