

BALTIMORE COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING AND CONSTRUCTION

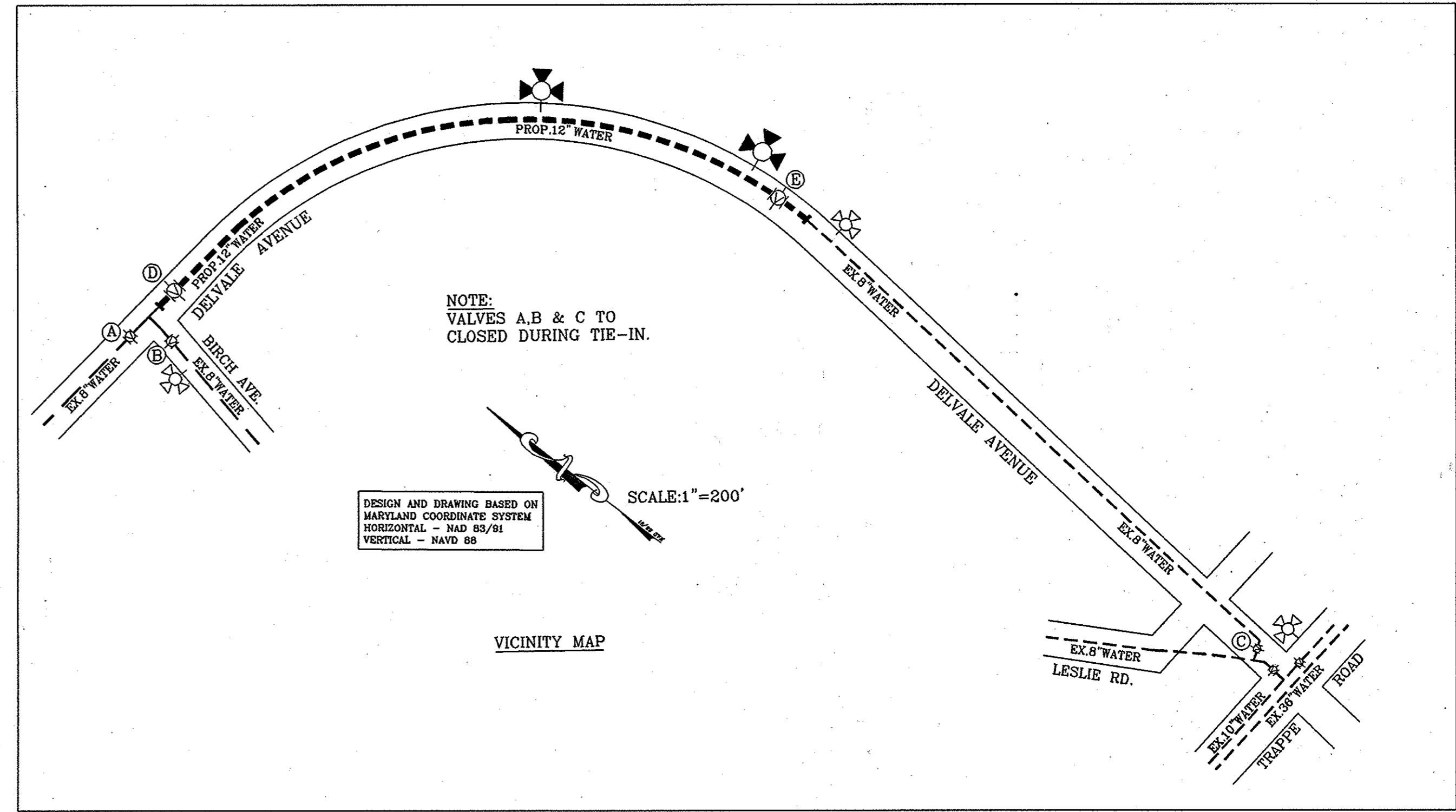
DELVALE AVENUE (FROM BIRCH AVENUE SOUTHEASTERLY 1500' +/-) 12" WATER MAIN JOB ORDER NO. 203-0035-0169 CONTRACT NO. 07002WX2

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH BALTIMORE COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION DATED 2000 AND AMENDED.
2. NOTIFY BALTIMORE CITY BUREAU OF WATER & WASTEWATER AT 410-396-7870 72 HOURS BEFORE STARTING CONSTRUCTION.
3. NOTIFY WATER & WASTEWATER MAINTENANCE DIVISION AT 410-396-7807 AT LEAST 3 DAYS PRIOR TO STARTING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 4 DAYS PRIOR TO BEGINNING OF WORK.
5. ONLY BALTIMORE CITY SHALL OPERATE EXISTING VALVES. CONTRACTOR SHALL NOTIFY THE BALTIMORE COUNTY INSPECTOR TO ARRANGE A SHUTDOWN WITH THE CITY AT LEAST 4 DAYS PRIOR TO PROPOSED SHUTDOWN. IF THE INSPECTOR IN THE FIELD IS UNAVAILABLE, CALL THE BALTIMORE COUNTY AREA ENGINEER AT 410-887-3531.
6. ONLY THAT SECTION OF THE TRENCH SHALL BE OPENED WHICH CAN BE BACKFILLED AND STABILIZED IN ONE DAY. THE END OF THE PIPE SHALL BE PLATED OVER AT THE END OF EACH WORK DAY.
7. WHEN EXCAVATING FOR UTILITIES, ALL SPOIL MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.
8. FULL COMPACTION IS REQUIRED FOR ALL TRENCHES.
9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE BALTIMORE COUNTY SOIL CONSERVATION PERMIT NO. 290-COUNTY-05.
10. DUCTILE IRON PIPE SHALL BE 6", 8" & 12" CLASS 54 WITH A WALL THICKNESS OF 0.37", 0.39" & 0.43" RESPECTIVELY.
11. DUCTILE IRON FITTINGS SHALL BE 6", 8" & 12" CLASS D OR CLASS 250.
12. MAIN SHALL HAVE A MINIMUM OF FOUR FEET OF COVER EXCEPT WHERE SPECIFIED.
13. THE COST OF CONSTRUCTING UNDER OR OVER ANY EXISTING UTILITY OR CABLE SHOWN ON THIS PLAN AND ALL EXISTING SERVICE CONNECTIONS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE 12-INCH WATER MAIN. THIS SHALL INCLUDE ANY WATER SERVICE & SEWER HOUSE CONNECTIONS THAT HAVE TO BE RELOCATED DURING CONSTRUCTION OF THIS PROJECT.
14. WHEN CROSSING EXISTING UTILITIES THE CONTRACTOR IS TO SUPPORT BRACE AND PROTECT SUCH UTILITIES DURING CONSTRUCTION. (COST TO BE INCLUDED IN THE PRICE BID FOR THE 12-INCH WATER MAIN.)
15. CONTRACTOR IS TO TEST PIT EXISTING UTILITIES PRIOR TO LAYING PIPE TO WITHIN 3-20 FOOT LENGTHS OF PIPE SO INVERTS CAN BE ADJUSTED.
16. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION PRIOR TO STARTING ANY WORK.
17. HIGHLY CHLORINATED WATER TO BE DISPOSED OF IN A SANITARY SEWER AT A RATE NOT TO EXCEED 100 GAL/MIN.

SEQUENCE OF CONSTRUCTION

- 1) CONSTRUCT NEW 8" & 12" WATER MAIN WITH EXCEPTION OF TIE-IN LOCATIONS.
- 2) TEST NEW WATER MAIN.
- 3) CLOSE VALVES A,B,D & E.
- 4) MAKE TIE-IN AT BIRCH & DELVALE.
- 5) OPEN VALVES A & B.
- 6) CLOSE VALVE C.
- 7) MAKE TIE-IN AT STA. 15+40(+/-)
- 8) OPEN VALVES C,E & D.



NORMAL OPERATING PRESSURE 62 PSI
TEST PRESSURE 150 PSI

C.W.O. 50962

CITY OF BALTIMORE				REVISION - CITY OF BALTIMORE			
CHIEF, WATER & WASTEWATER ENG. DIV. BUREAU OF WATER AND WASTEWATER <i>Michael Mazurek</i> 11/21/06		CHIEF, BUREAU OF WATER AND WASTEWATER DATE 11/21/06		DIRECTOR, DEPT. OF PUBLIC WORKS DATE 11/14/06		CHIEF, WATER ENGINEERING SECTION DATE 11/14/06	
AS-BUILT PER RECORD PRINT		REVISION		DATE		BY	
DRAFTSMAN		DATE		P. W. A. NO.		KEY SHEETS	
				RIGHT OF WAY		7 & 8 SE 19	
				COUNTY ROAD			
DSGN BY: P. SEMONE ENGINEER: MICHAEL J. MAZUREK DATE: 11/18/06 LIC. NO. 18366		BUREAU OF ENGINEERING AND CONSTRUCTION REVIEWED CHKD BY: M. MAZUREK DATE: 11/13/06		BUILDINGS HIGHWAYS STRUCTURES STORM DRAINS SEWER WATER FIELD ENGINEER DATE: 11/14/06		DEPARTMENT OF PUBLIC WORKS APPROVED: <i>Michael Mazurek</i> DIRECTOR DATE: 11/14/06	
SEAL Michael Mazurek							

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING & CONSTRUCTION
12" WATER MAIN
DELVALE AVENUE
FROM BIRCH AVENUE SOUTHEASTERLY 1500' +/-
SUBDIVISION: EAST HOLABIRD
ELECT. DISTRICT NO. 12C7

SHEET DESIGNATION	CONTRACT NO.
WATER	07002WX2
JOB ORDER NO.	203-0035-0169
SHEET 1 OF 2	DRAWING NO.
2006-1930	FILE NO. 3

DWG FILENAME: 4

