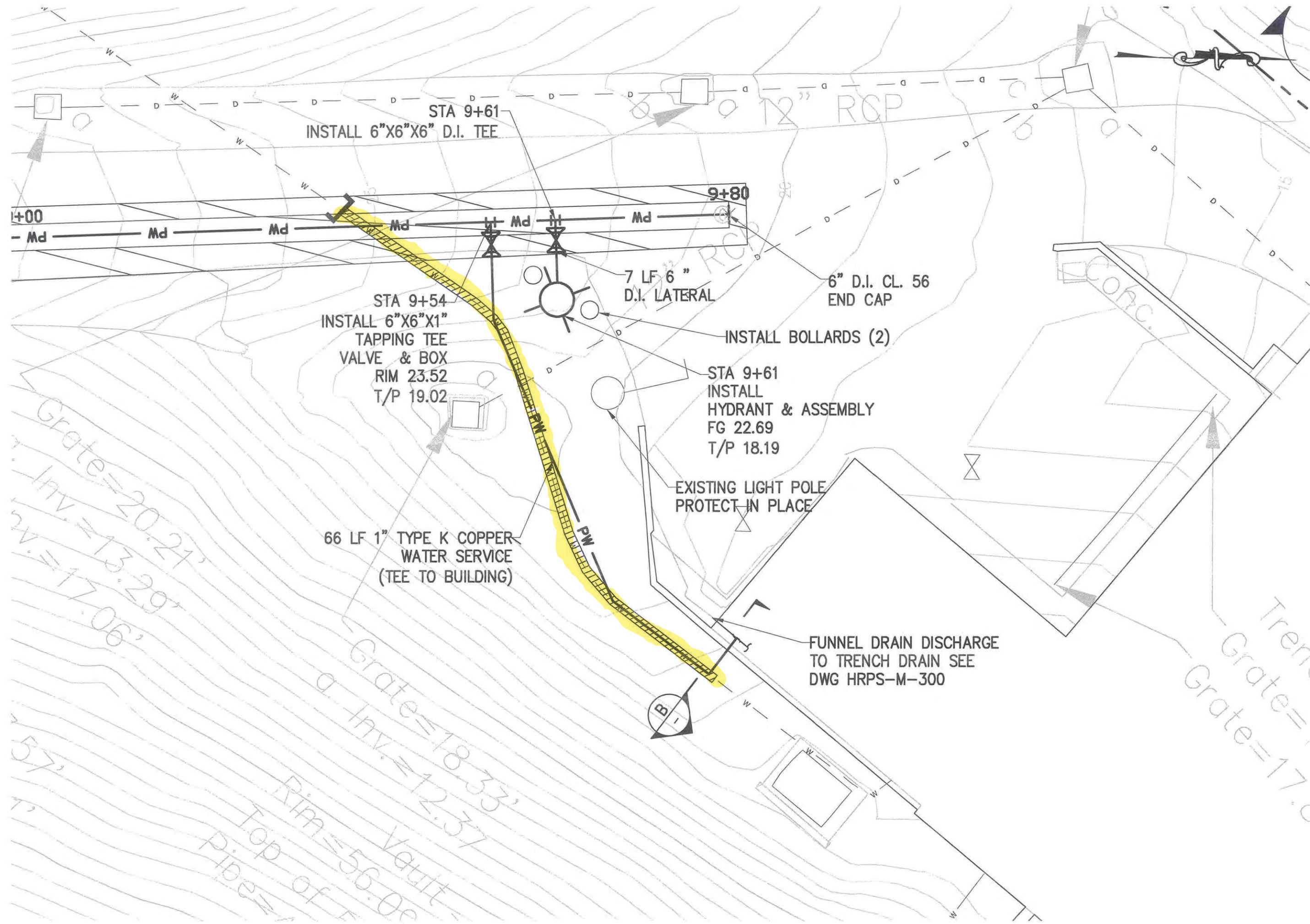


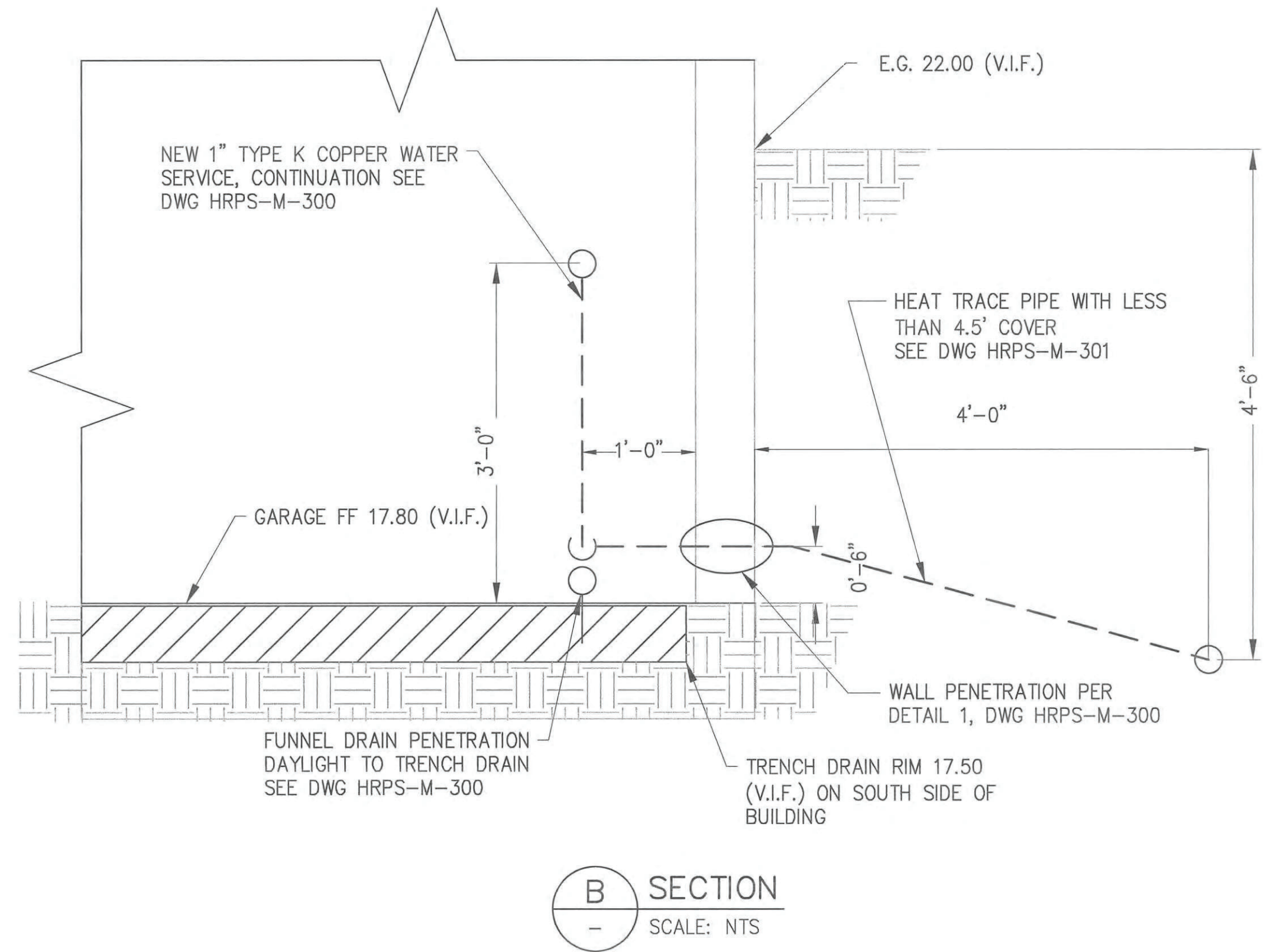
Last Saved By: & Date:Alonez, Friday, August 05, 2016 and Date Plotted:Thursday, September 28, 2017
Paper Size:ANSI full bleed D (34.00 x 22.00 inches) Plot Scale:1"=10' Plot Style Table:BEDC_Acad(CTB)
Drawing Name: & Location: \\dep-map\cad_data\BEDC_JHD_Projects\BWS-RWB12\01_Design_Dwg\02_Site_Preparation\01_Civil\HRPS\HRPS-C-201.00.dwg




A WATER PIPING PLAN ENLARGEMENT
SCALE: 1' = 10'

NOTES:


1. WATER MAIN SHALL BE PER AWWA C151/C104. PROVIDE DOUBLE THICKNESS CEMENT MORTAR LINING AND STANDARD ASPHALTIC OUTSIDE COATING. ALL DUCTILE IRON PIPE, JOINT RESTRAINTS AND FITTINGS SHALL CONFORM TO ANSI/NSF-61. JOINTS SHALL BE AWWA C111, EITHER PUSH ON (TYTON) OR MECHANICAL JOINT PIPE AS MANUFACTURED BY U.S. PIPE AND FOUNDRY OR APPROVED EQUAL, UNLESS OTHERWISE NOTED. ALL PUSH ON JOINTS SHALL REQUIRE 3 BRONZE WEDGES.
2. JOINT RESTRAINTS SHALL BE AWWA C111, U.L. LISTED, AND FACTORY MUTUAL APPROVED TO WITHSTAND A MINIMUM PRESSURE OF 250 PSI. JOINT RESTRAINTS SHALL BE PROVIDED FOR DUCTILE IRON PUSH ON OR MECHANICAL JOINT PIPE WITH TWIST OFF INDICATORS AND SHALL BE AS MANUFACTURED BY EBAA IRON MEGALUG FOR MECHANICAL JOINT PIPE, U.S. PIPE AND FOUNDRY FIELD LOK 350 FOR PUSH ON JOINT OR APPROVED EQUAL.
3. TAPPING SLEEVE SHALL BE MUELLER H-615 OR SMITH BLAIR 665 AS APPROVED BY THE TOWN OF WAPPINGER.
4. HYDRANTS SHALL BE MUELLER CENTURION 4.5" WVO OR 5.25" WVO AS APPROVED BY THE TOWN OF WAPPINGER.
5. TAPPING SADDLE SHALL BE SMITH BLAIR 317 DOUBLE BAND STAINLESS STEEL EPOXY COATED AS APPROVED BY THE TOWN OF WAPPINGER.
6. CORPORATION STOP SHALL BE MUELLER B25008N BALL CORP AS APPROVED BY THE TOWN OF WAPPINGER.
7. CURB VALVE SHALL BE MUELLER B25209N BALL CURB VALVE AS APPROVED BY THE TOWN OF WAPPINGER.
8. CURB VALVE RISER SHALL BE STANDARD TWO HOLE LID WITH STAINLESS STEEL OPERATING ROD AS APPROVED BY THE TOWN OF WAPPINGER.
9. GATE VALVES SHALL BE PER AWWA C509 WITH IRON BODY, RESILIENT SEAT, BRONZE TRIM, SINGLE WEDGE, MECHANICAL JOINT, AND CONTROL ROD, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL. VALVES SHALL BE RATED FOR A MINIMUM WORKING PRESSURE OF 250 PSI.
10. VALVE EXTENSION BOX SHALL BE CLOW BOX #F-2450 WITH F-2494 COVER AND TWO (2) ADJUSTABLE VALVE KEYS.



 BID SET DATE ISSUED: 9/29/2017	GRAPHIC SCALES CHECK BEFORE USE		
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY		
	DATE: 9/29/2017		
	SCALE: 1"=10'		
HUDSON RIVER PUMPING STATION IMPROVEMENTS		CIVIL SHAFT 6B WATER PIPING PLAN - SHEET 2 OF 2	3 OF 9
		DRAWING NO. HRPS-C-201.00	

NO.	DATE	DESCRIPTION	APPR'D.
REVISIONS			

DESIGNED BY: GM	SECTION MANAGER: EP
CHECKED BY: EP	
DESIGN LEAD: GM	

DRAWN BY: AL	



PROJECT MANAGER
CHIEF, TUNNEL DESIGN
DIRECTOR, IN HOUSE DESIGN PATRICK O'CONNOR

*WARNING--IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."

**NEW YORK CITY
ENVIRONMENTAL PROTECTION**
BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dep

DATE: 9/29/2017
SCALE: 1"=10'
SHEET NO:
3 OF 9
DRAWING NO.
HRPS-C-201.00