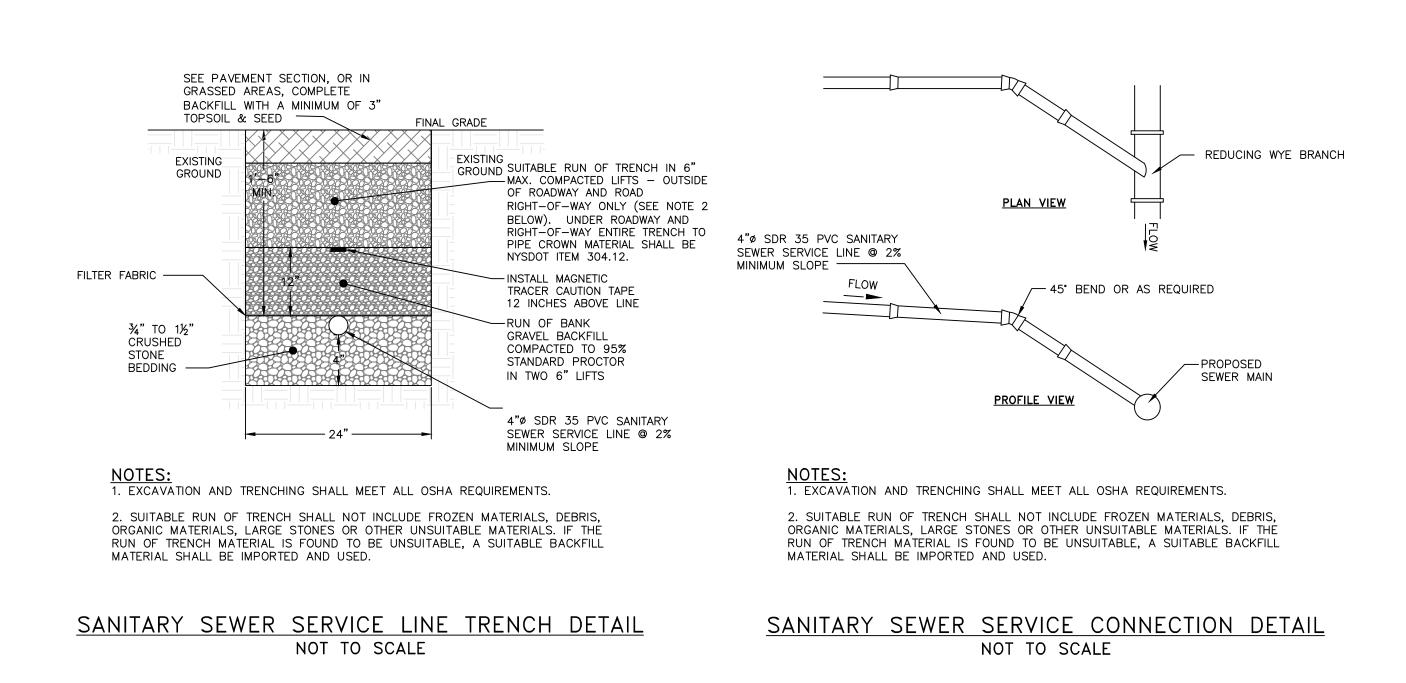


-8"ø SDR-26 PVC SANITARY SEWER MAIN @ 0.4 FT PER 100 FT MINIMUM SLOPE

NOTES:

1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS. SEWER MAIN MATERIAL SHALL BE 8 DIAMETER SDR-26 PVC BELL AND SPIGOT GRAVITY SEWER PIPE, WITH GASTIGHT AND WATERTIGHT JOINTS.

SANITARY SEWER MAIN TRENCH DETAIL NOT TO SCALE





- FINISHED GRADE

(SEE PLAN FOR

NEENAH R-7506-E SERIES

FLOOR BOX FRAME AND LID

OR EQUAL WITH LOCKING

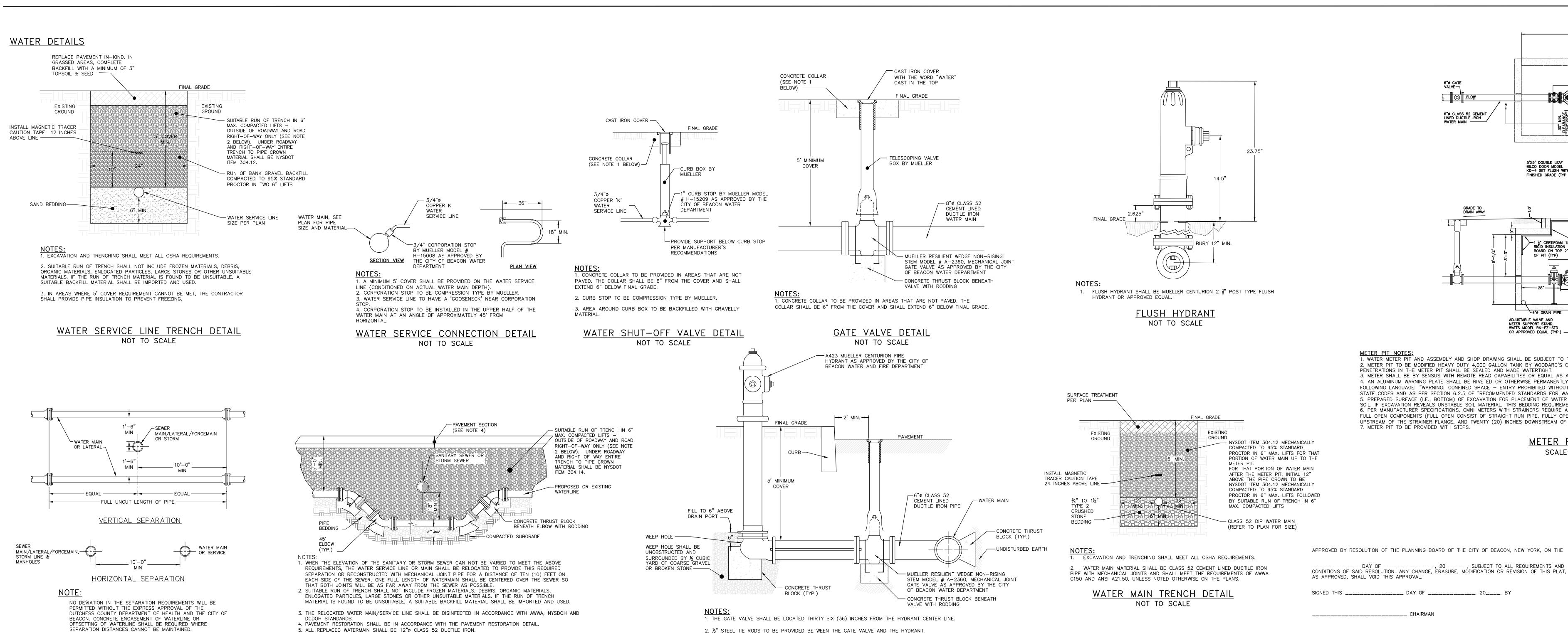
CAP, H-20 RATED

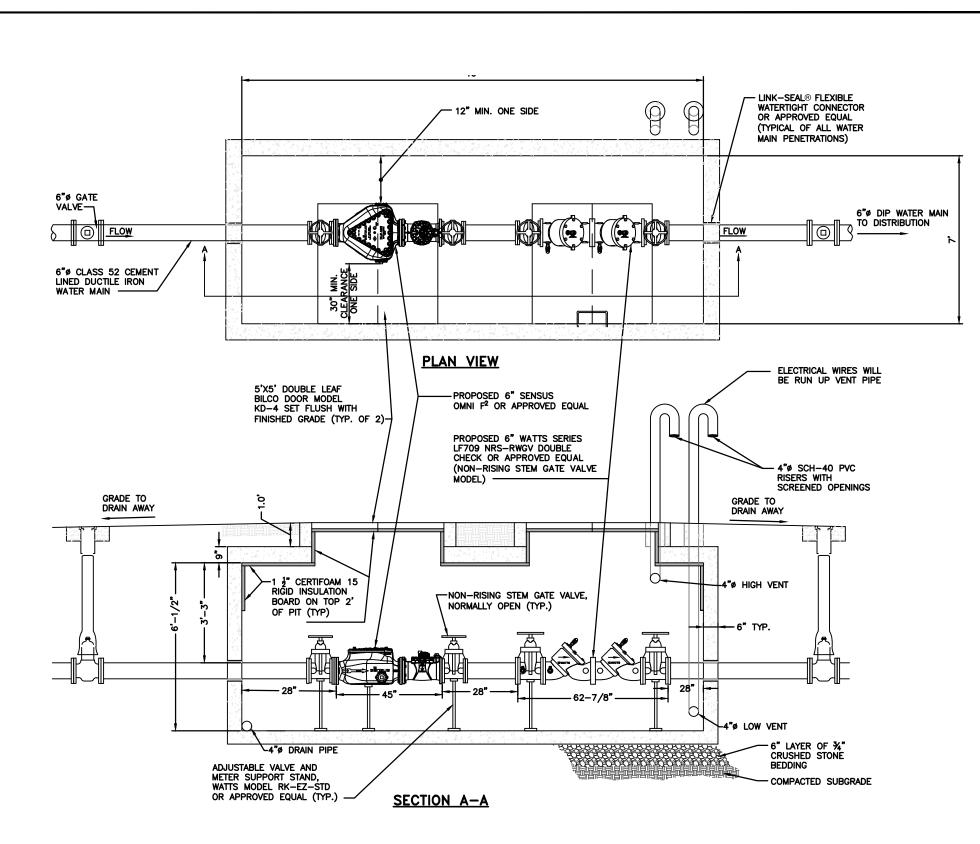
-45° ELBOW

CONCRETE —

SQUARE

FINAL TREATMENT)





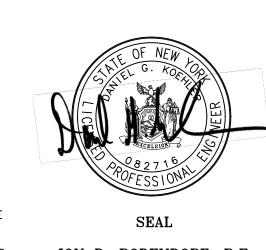
METER PIT NOTES:

1. WATER METER PIT AND ASSEMBLY AND SHOP DRAWING SHALL BE SUBJECT TO REVIEW AND FINAL APPROVAL BY THE CITY OF BEACON WATER DEPARTMENT. 2. METER PIT TO BE MODIFIED HEAVY DUTY 4,000 GALLON TANK BY WOODARD'S CONCRETE PRODUCTS, INC. (4,000 PSI A 28 DAYS, #4 AND #5 REBAR, H20 LOAD RATED) OR APPROVED EQUAL. ALL PENETRATIONS IN THE METER PIT SHALL BE SEALED AND MADE WATERTIGHT. 3. METER SHALL BE BY SENSUS WITH REMOTE READ CAPABILITIES OR EQUAL AS APPROVED BY THE CITY OF BEACON WATER DEPARTMENT PRIOR TO CONSTRUCTION. 4. AN ALUMINUM WARNING PLATE SHALL BE RIVETED OR OTHERWISE PERMANENTLY ATTACHED TO THE MANHOLE COVER. THE PLATE SHALL BE A MINIMUM OF 12"x12" AND SHALL BE ENGRAVED WITH THE FOLLOWING LANGUAGE: "WARNING: CONFINED SPACE - ENTRY PROHIBITED WITHOUT AUTHORIZATION - CALL OWNER FOR APPROVAL TO ACCESS". VENTILATION SHALL CONFORM TO EXISTING LOCAL AND/OR STATE CODES AND AS PER SECTION 6.2.5 OF "RECOMMENDED STANDARDS FOR WATER WORKS - 1997" (TEN STATES STANDARDS). 5. PREPARED SURFACE (I.E., BOTTOM) OF EXCAVATION FOR PLACEMENT OF WATER METER PIT SHALL CONSIST OF A MINIMUM 9" DEPTH OF 3/4" CRUSHED STONE, LEVELED AND LAID OVER STABLE NATIVE SOIL. IF EXCAVATION REVEALS UNSTABLE SOIL MATERIAL, THIS BEDDING REQUIREMENT SHALL BE MODIFIED BY THE PROJECT ENGINEER. 6. PER MANUFACTURER SPECIFICATIONS, OMNI METERS WITH STRAINERS REQUIRE A MINIMUM UPSTREAM AND DOWNSTREAM LENGTH OF 2.5 TIMES THE PIPE DIAMETER OF STRAIGHT RUN PIPE OR EQUIVALENT FULL OPEN COMPONENTS (FULL OPEN CONSIST OF STRAIGHT RUN PIPE, FULLY OPEN GATE VALVES, BYPASS TEES AND 1 NOMINAL PIPE SIZE REDUCERS). THEREFORE, A MINIMUM OF FIFTEEN (15) INCHES UPSTREAM OF THE STRAINER FLANGE, AND TWENTY (20) INCHES DOWNSTREAM OF THE METER FLANGE SHALL BE STRAIGHT RUN OR EQUIVALENT FULL OPEN PIPE PIPE.

METER PIT DETAIL SCALE: 1"=±4'

_ SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY RESPECTIVELY MAY SIGN IN THIS PLACE.



POFESSIONAL	
OF ESS TOWN	
SEAL	
ION D. BODENDORF, P.E. IYS LICENSE NO. 076245	
ANIEL G. KOEHLER, P.E.	
IYS LICENSE NO. 082716	_

REVISIONS: PER PLANNING BOARD COMMENTS NO CHANGES THIS SHEET PER PLANNING BOARD COMMENTS

Water and Sewer Details

Beacon, NY 12508

WATER LINE SEPARATION DETAIL

NOT TO SCALE

5. ALL REPLACED WATERMAIN SHALL BE 12" CLASS 52 DUCTILE IRON.

WATER LINE OFFSET DETAIL

NOT TO SCALE

2. 1/2" STEEL TIE RODS TO BE PROVIDED BETWEEN THE GATE VALVE AND THE HYDRANT.

HYDRANT DETAIL

NOT TO SCALE

Beacon, New York 12508