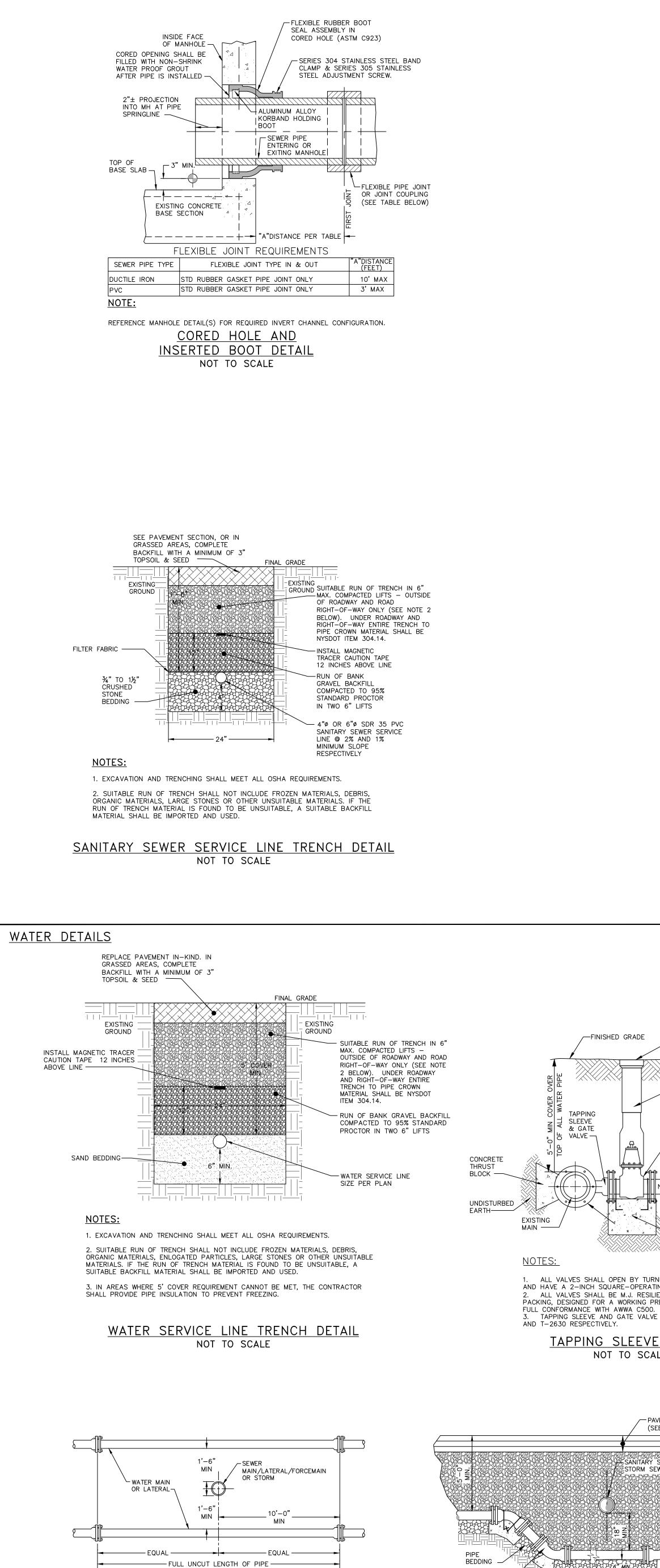
# SEWER DETAILS



BEDDING 45° ELBOW (TYP.) \_ <u> NOTES:</u> 1. WHEN THE ELEVATION OF THE SANITARY OR STORM SEWER CAN NOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER SERVICE LINE OR MAIN SHALL BE RELOCATED TO PROVIDE THIS REQUIRED SEPARATION OR RECONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN (10) FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATERMAIN SHALL BE CENTERED OVER HE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AWAY FROM THE SEWER AS POSSIBLE. 2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, ENLOGATED PARTICLES, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED. 3. THE RELOCATED WATER MAIN/SERVICE LINE SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA, NÝSDOH AND DCDOH STANDARDS. 4. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH THE PAVEMENT RESTORATION DETAIL. 5. ALL REPLACED WATERMAIN SHALL BE 12" CLASS 52 DUCTILE IRON. WATER LINE OFFSET DETAIL

NOT TO SCALE

Beacon, New York 12508

-FINISHED GRADE

✓ TAPPING
✓ SLEEVE
✓ & GATE

능 VALVE -

y **fil** 

INCE IC COMEL

Scenic Beacon Development, LLC 25 E. Main Street Beacon, NY 12508

VERTICAL SEPARATION

HORIZONTAL SEPARATION

1. NO DEVIATION IN THE SEPARATION REQUIREMENTS WILL BE PERMITTED WITHOUT THE EXPRESS APPROVAL OF THE

BEACON. CONCRETE ENCASEMENT OF WATERLINE OR

OFFSETTING OF WATERLINE SHALL BE REQUIRED WHERE SEPARATION DISTANCES CANNOT BE MAINTAINED.

WATER LINE SEPARATION DETAIL

NOT TO SCALE

DUTCHESS COUNTY DEPARTMENT OF HEALTH AND THE CITY OF

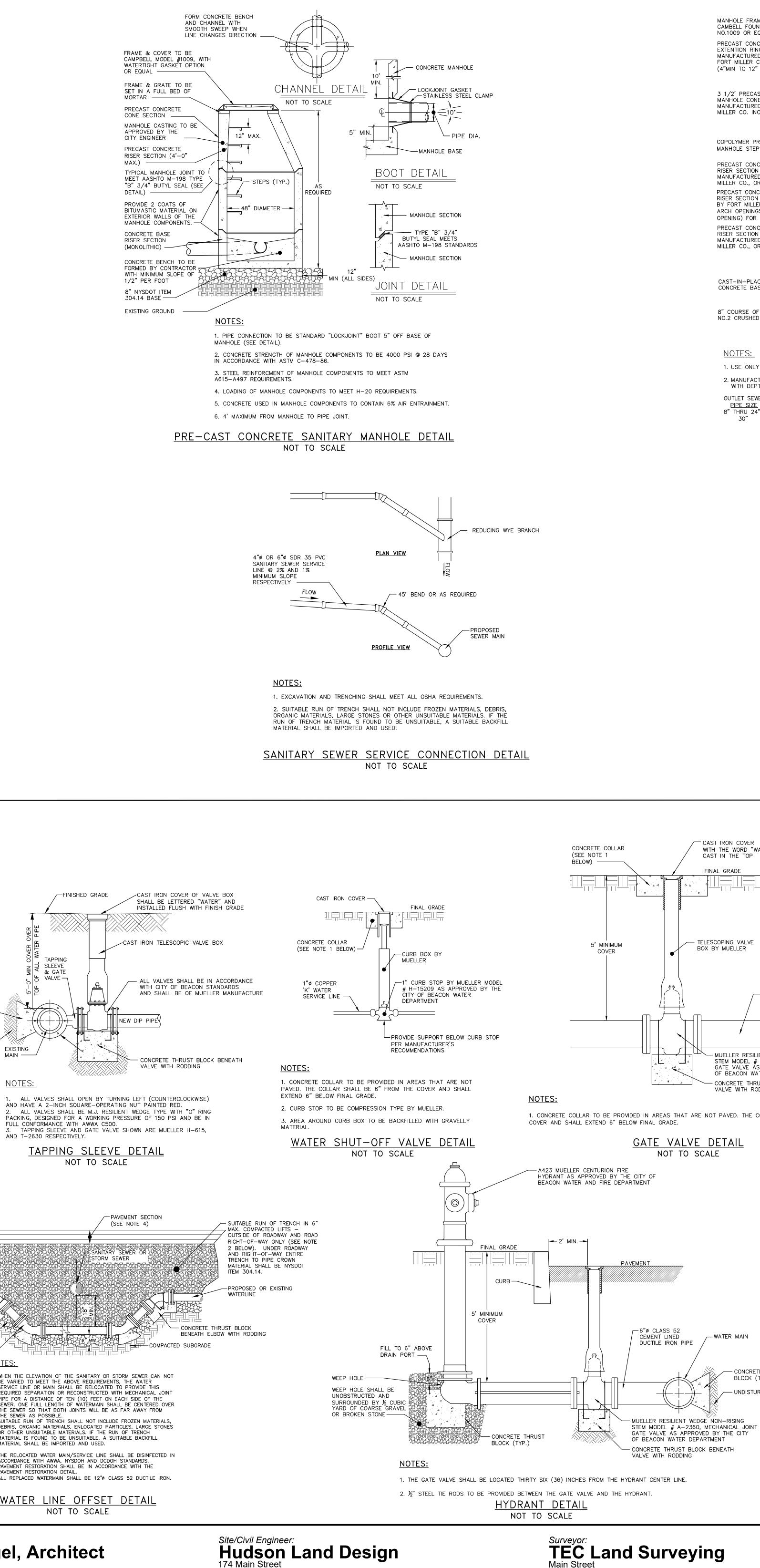
WATER MAIN

OR SERVICE

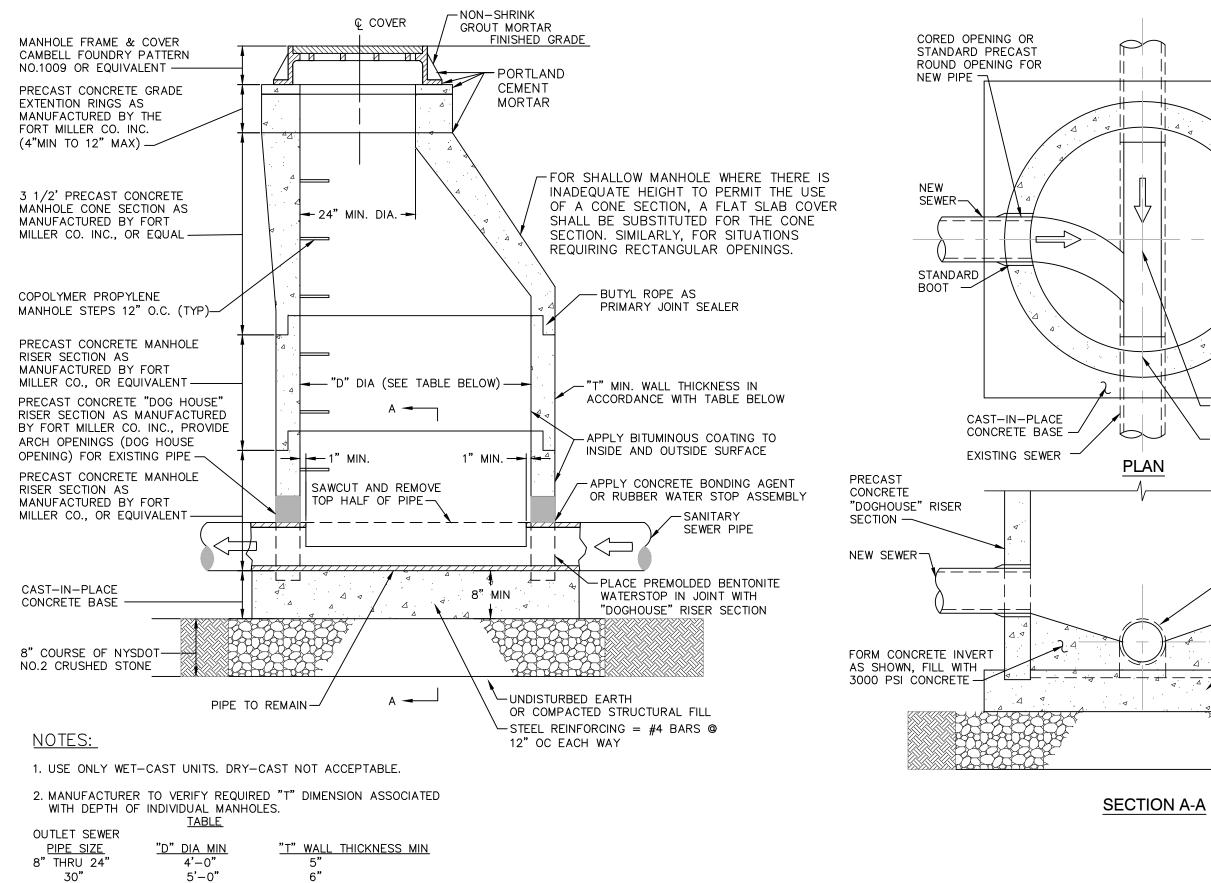
<u>NOTE</u>

MANHOLES

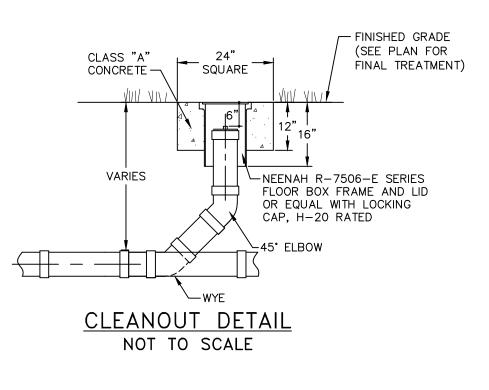






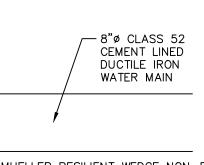


PRECAST CONCRETE INSERTION "DOGHOUSE" MANHOLE DETAIL NOT TO SCALE



### CAST IRON COVER WITH THE WORD "WATER" CAST IN THE TOP FINAL GRADE

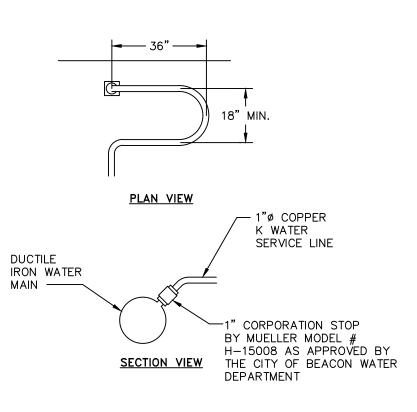
- TELESCOPING VALVE BOX BY MUELLER



- MUELLER RESILIENT WEDGE NON-RISING STEM MODEL # A-2360, MECHANICAL JOINT GATE VALVE AS APPROVED BY THE CITY OF BEACON WATER DEPARTMENT - CONCRETE THRUST BLOCK BENEATH VALVE WITH RODDING

1. CONCRETE COLLAR TO BE PROVIDED IN AREAS THAT ARE NOT PAVED. THE COLLAR SHALL BE 6" FROM THE

GATE VALVE DETAIL NOT TO SCALE



## NOTES:

1. A MINIMUM 5' COVER SHALL BE PROVIDED ON THE WATER SERVICE LINE (CONDITIONED ON ACTUAL WATER MAIN DEPTH). 2. CORPORATION STOP TO BE COMPRESSION TYPE BY MUELLER. 3. WATER SERVICE LINE TO HAVE A 'GOOSENECK' NEAR CORPORATION STOP. 4. CORPORATION STOP TO BE INSTALLED IN THE UPPER HALF OF THE WATER MAIN AT AN ANGLE OF APPROXIMATELY 45° FROM HORIZONTAL. WATER SERVICE CONNECTION DETAIL NOT TO SCALE

	RECOMMENDED FOR APPROVAL:
	MAYOR OF THE CITY OF BEACON DATE
	APPROVED BY RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BEACON
	ON THE DAY OF, 20,
ER MAIN	
	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK,
CONCRETE THRUST BLOCK (TYP.) UNDISTURBED EARTH	CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THAS APPROVED, SHALL VOID THIS APPROVAL.
	SIGNED THIS DAY OF, 20, BY
RISING	

CHAIRMAN

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

CONCRETE THRUST BLOCK BENEATH

VALVE WITH RODDING



MAB

MAB

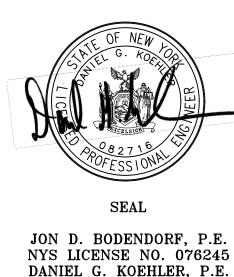
DESCRIPTION

NO CHANGE THIS SHEET

PER PLANNING BOARD COMMENTS CME

PER PLANNING BOARD COMMENTS | MAB

### NO CHANGE THIS SHEET NYS LICENSE NO. 082716 10 06/26/18 NO CHANGE THIS SHEET **Special Use Permit Application** Water and Sewer Details Sheet 15 of 15



ALL G. FORD	NO.	DATE	
	1	2/28/17	
LE LE	2	3/28/17	
HENCELSION B	3	4/25/17	
PROFESSIONAL	4	5/30/17	
OFESSION	5	7/25/17	
SEAL	6	8/29/17	
	7	9/26/17	
. BODENDORF, P.E. ICENSE NO. 076245	8	10/31/17	
L G. KOEHLER, P.E.	9	11/28/17	
CENCE NO DOOMIC			

**REVISIONS**:

,	
E CITY OF BEACON, NEW YORK, ON THE	
, SUBJECT TO ALL REQUIREMENTS AND MODIFICATION OR REVISION OF THIS PLAT,	

OF EXISTING PIPE 

JT AND REMOVE TOP

- INVERTED U-SHAPED OPENING TO STRADDLE EXISTING PIPE

- COPOLYMER PROPYLENE

MANHOLE STEPS (TYP)

STANDARD

PRECAST

MANHOLE

MIN

BETWEEN DOGHOUSE HYDRAULIC CEMENT

— EMBED BASE 2" IN CONCRETE

8" MIN

OPENEING AND EXISTING PIPE WITH NON-SHRINK

- SEAL ANNULAR SPACE

- CAST-IN-PLACE CONCRETE BASE W/#4 BARS@12" OC EW