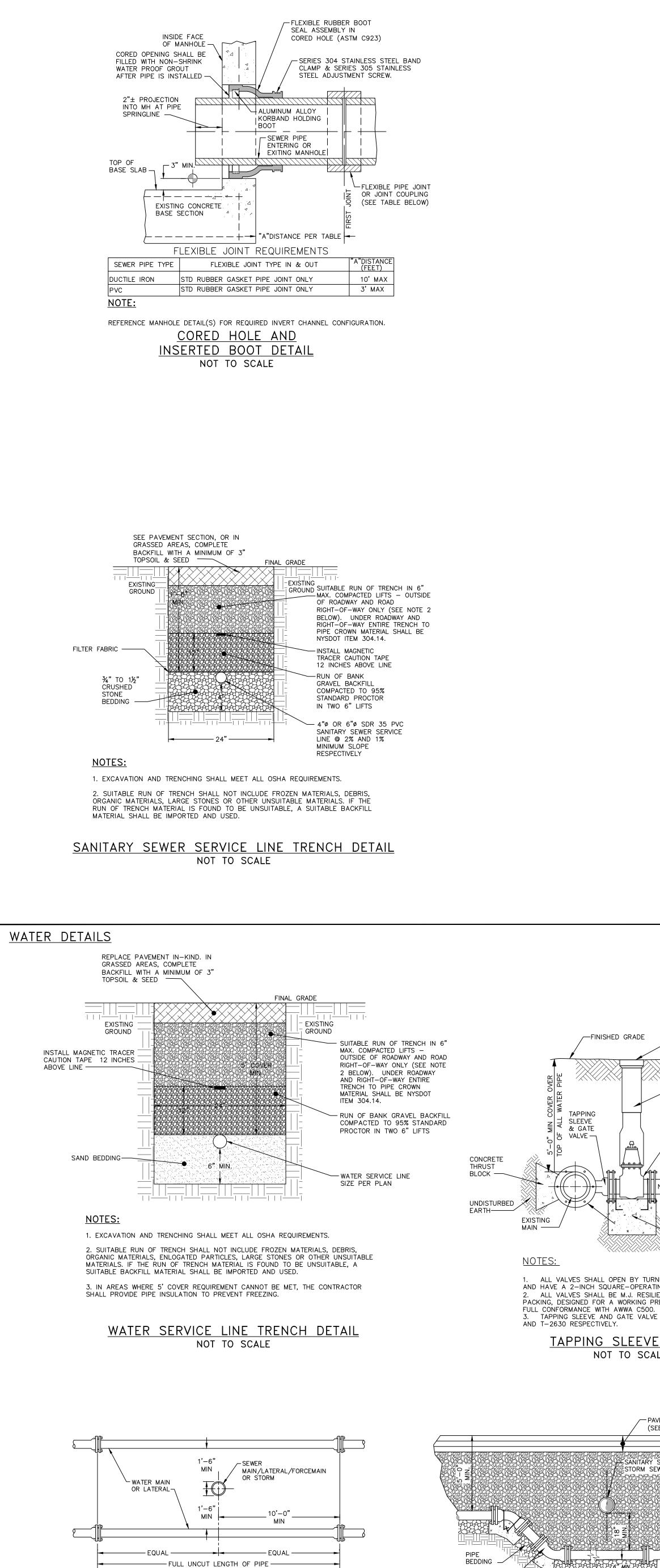
SEWER DETAILS



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

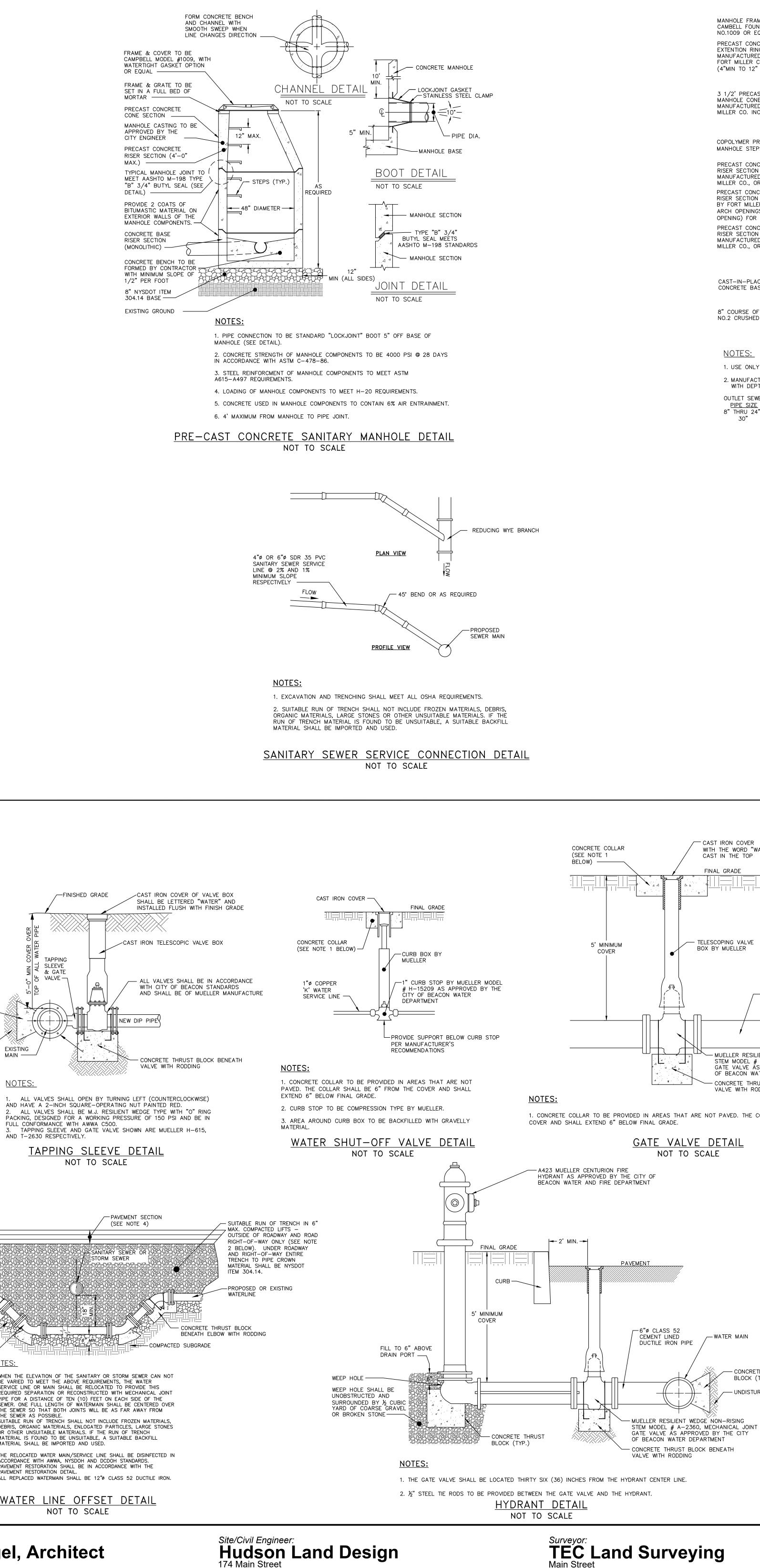
WATER MAIN

OR SERVICE

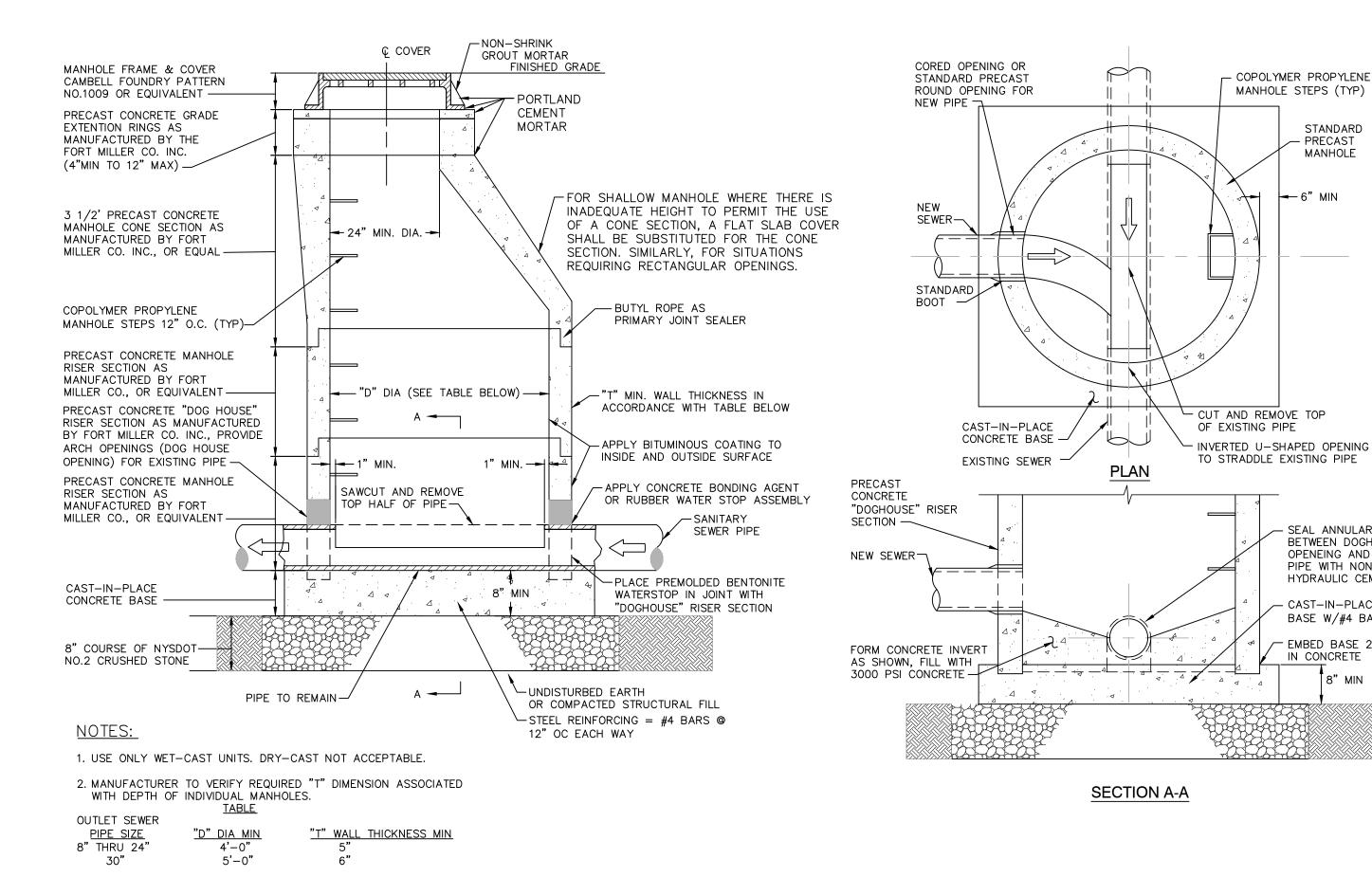
SEWER MAIN/LATERAL/FORCEMAIN, + STORM LINE & MANHOLES

<u>NOTE</u>

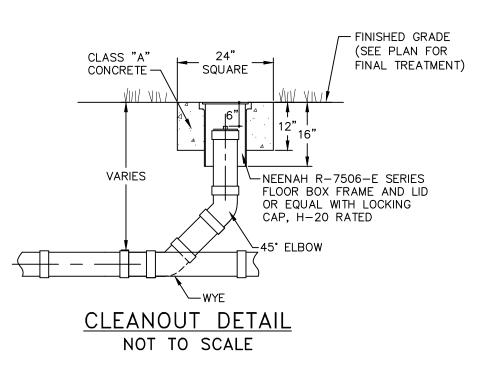






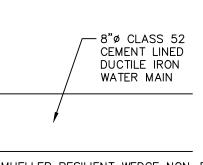


PRECAST CONCRETE INSERTION "DOGHOUSE" MANHOLE DETAIL NOT TO SCALE



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

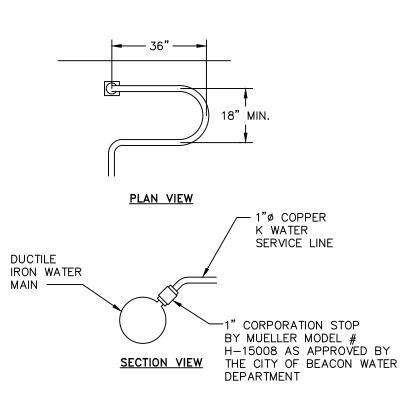
- TELESCOPING VALVE BOX BY MUELLER



- 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, |
| - CONCRETE THRUST BLOCK (TYP.) | DAY OF, 20, SUBJECT TO ALL CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR RE AS APPROVED, SHALL VOID THIS APPROVAL. |
| — UNDISTURBED EARTH | SIGNED THIS DAY OF, 20, BY |
| RISING | |

CHAIRMAN

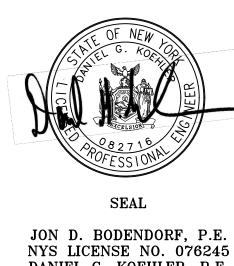
_ SECRETARY IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY RESPECTIVELY MAY SIGN IN THIS PLACE.

CONCRETE THRUST BLOCK BENEATH

VALVE WITH RODDING



NYS LICENSE NO. 082716 **Special Use Permit Application** Water and Sewer Details Sheet 15 of 15



| Shiel G. KOEDP | NO. | |
|--|-----|--|
| | 1 | |
| | 2 | |
| Aller Heren and | 3 | |
| PROFESSIONAL | 4 | |
| OFESSION | 5 | |
| SEAL | 6 | |
| | 7 | |
| ION D. BODENDORF, P.E. IYS LICENSE NO. 076245 | 8 | |
| DANIEL G. KOEHLER, P.E. | 9 | |

| REVI | SIONS: | | |
|------|----------|-----------------------------|---|
| NO. | DATE | DESCRIPTION | В |
| 1 | 2/28/17 | PER PLANNING BOARD COMMENTS | C |
| 2 | 3/28/17 | PER PLANNING BOARD COMMENTS | M |
| 3 | 4/25/17 | NO CHANGE THIS SHEET | M |
| 4 | 5/30/17 | NO CHANGE THIS SHEET | M |
| 5 | 7/25/17 | NO CHANGE THIS SHEET | M |
| 6 | 8/29/17 | NO CHANGE THIS SHEET | M |
| 7 | 9/26/17 | NO CHANGE THIS SHEET | M |
| 8 | 10/31/17 | NO CHANGE THIS SHEET | M |
| 9 | 11/28/17 | NO CHANGE THIS SHEET | M |
| 10 | 01/30/18 | NO CHANGE THIS SHEET | M |

OF THE CITY OF BEACON, NEW YORK, ON THE ...___, SUBJECT TO ALL REQUIREMENTS AND URE, MODIFICATION OR REVISION OF THIS PLAT, STANDARD

PRECAST

MANHOLE

MIN

- SEAL ANNULAR SPACE

OPENEING AND EXISTING

PIPE WITH NON-SHRINK HYDRAULIC CEMENT

- CAST-IN-PLACE CONCRETE

BASE W/#4 BARS@12" OC EW

BETWEEN DOGHOUSE

— EMBED BASE 2"

8" MIN

IN CONCRETE