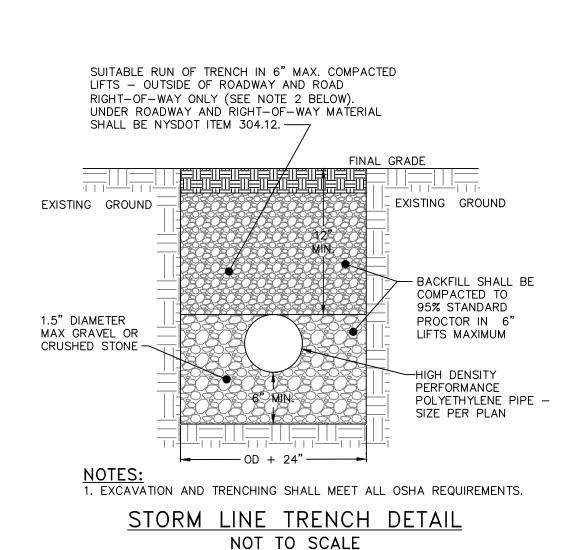
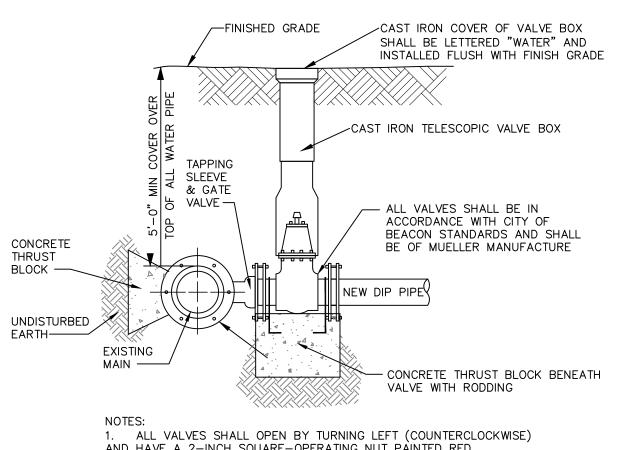




FINISHED GRADE 1"

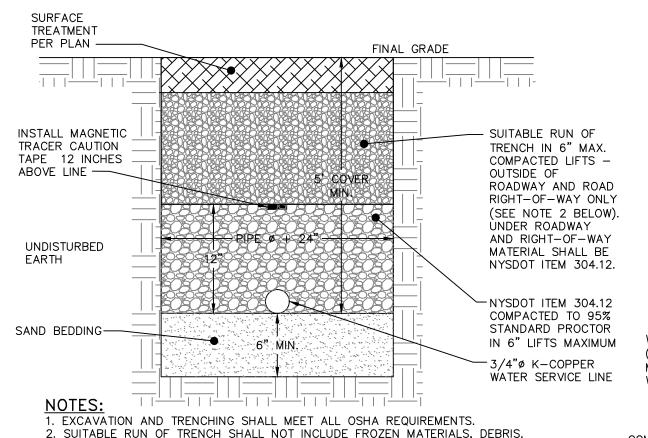




1. ALL VALVES SHALL OPEN BY TURNING LEFT (COUNTERCLOCKWISE) AND HAVE A 2-INCH SQUARE-OPERATING NUT PAINTED RED.
2. ALL VALVES SHALL BE M.J. RESILIENT WEDGE TYPE WITH "O" RING PACKING, DESIGNED FOR A WORKING PRESSURE OF 150 PSI AND BE IN FULL CONFORMANCE WITH AWWA C500.
3. TAPPING SLEEVE AND GATE VALVE SHOWN ARE MUELLER H-615, AND T-2630 RESPECTIVELY.

TAPPING SLEEVE DETAIL

NOT TO SCALE

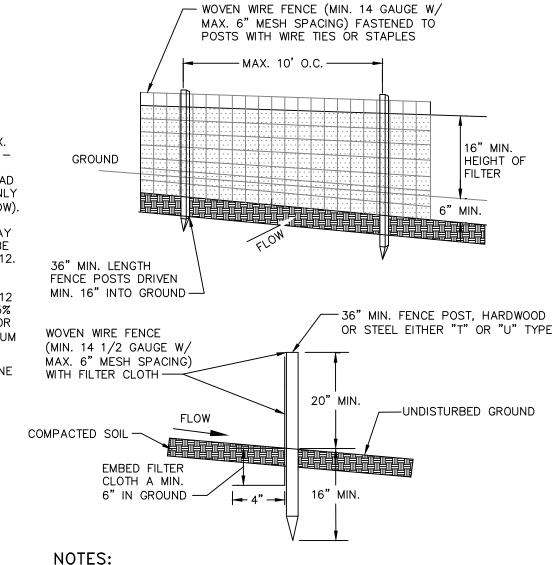


2. SUITABLE RUN OF TRENCH SHALL NOT INCLUDE FROZEN MATERIALS, DEBRIS, ORGANIC MATERIALS, ENLOGATED PARTICLES, LARGE STONES OR OTHER UNSUITABLE MATERIALS. IF THE RUN OF TRENCH MATERIAL IS FOUND TO BE UNSUITABLE, A SUITABLE BACKFILL MATERIAL SHALL BE IMPORTED AND USED.

3. IN AREAS WHERE 5' COVER REQUIREMENT CANNOT BE MET, THE CONTRACTOR SHALL PROVIDE PIPE INSULATION TO PREVENT FREEZING.

4. IF WATER SERVICE AND SEWER SERVICE LINE CROSSINGS ARE NEEDED, PROVIDE 18" OF VERTICAL SEPARATION

WATER SERVICE LINE TRENCH DETAIL NOT TO SCALE



NOTES:

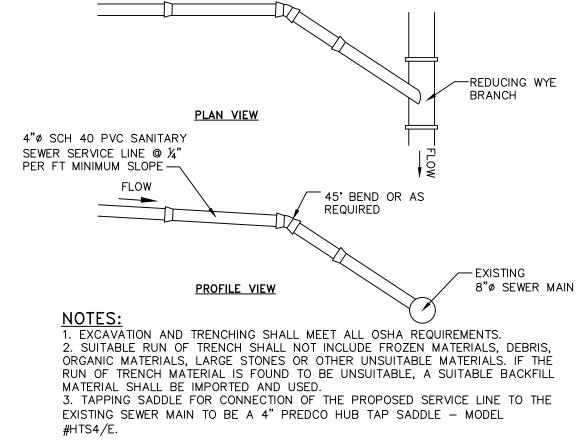
1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER—LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.

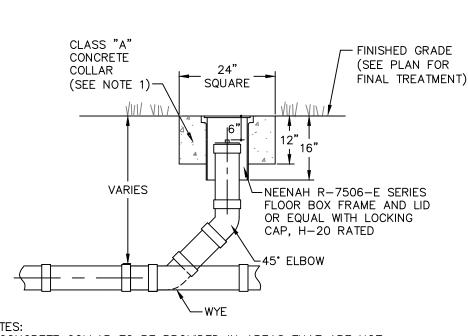
3. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUAL.

4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
NOT TO SCALE



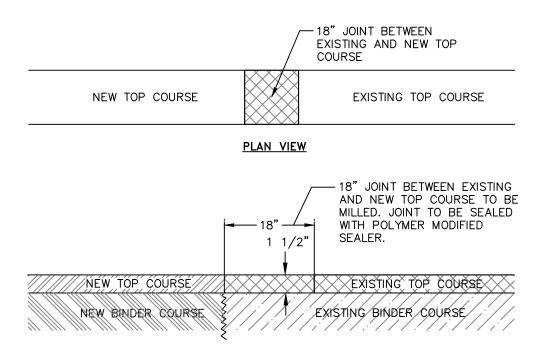
SANITARY SEWER SERVICE CONNECTION DETAIL
NOT TO SCALE



1. CONCRETE COLLAR TO BE PROVIDED IN AREAS THAT ARE NOT PAVED. THE COLLAR SHALL BE 6" FROM THE COVER AND SHALL EXTEND 6" BELOW FINAL GRADE.

CLEANOUT DETAIL

NOT TO SCALE

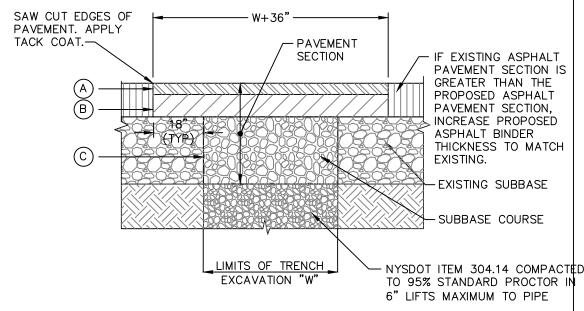


## SECTION VIEW

NOTES:

1. 3" BINDER COURSE AND 1½" TOP COURSE TO BE USED FOR RESTORATION OF PAVEMENT WITHIN CITY ROADS.
2. EXCAVATIONS ARE TO BE SAW CUT SMOOTH, ALL EDGES TACK COATED, AND ALL SEAMS SEALED WITH A HOT POLYMER MODIFIED CRACK SEALANT.
3. IF EXISTING ASPHALT PAVEMENT DEPTH IS GREATER THAN THE PROPOSED ASPHALT PAVEMENT SECTION, INCREASE PROPOSED ASPHALT BINDER THICKNESS TO MATCH EXISTING.

MILLED KEYWAY DETAIL
NOT TO SCALE



## <u>LEGEND</u>

- A 1-1/2" ASPHALT CONCRETE TOP COURSE- NYSDOT TYPE 6F

  B 2 1/2" ASPHALT CONCRETE BINDER COURSE- NYSDOT TYPE 3

  C 6" GRANULAR SUBBASE COURSE- NYSDOT ITEM 304.14
  - NOTES:

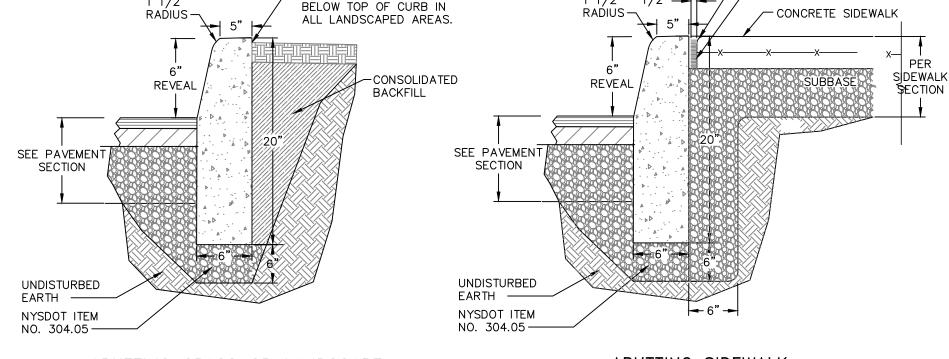
    1. SAW CUT MIN. 18" BEYOND EXCAVATION WITH SMOOTH EDGES.

    18" JOINT BETWEEN EXISTING AND NEW TOP COURSE TO BE
    MILLED. JOINT TO BE SEALED WITH POLYMER MODIFIED SEALER.
  - 2. FURNISH, PLACE, AND COMPACT SUBBASE.
  - 3. TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.4. FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS
- PAVEMENT RESTORATION DETAIL NOT TO SCALE

## CONSTRUCTION DETAILS 226 MAIN STREET

226 MAIN STREET
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 5954-27-860918
SCALE: AS NOTED

APRIL 25, 2017



ABUTTING GRASS OR LANDSCAPE

ABUTTING SIDEWALK

/<sup>−</sup>1/4"R (TYP.)

-EXPANSION JOINT MATERIAL

1. CONCRETE CURB SHALL BE 4,000 PSI CAST—IN—PLACE, AND IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609.
2. EXPANSION JOINTS OF 1/2" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT 10 FOOT INTERVALS.
3. FOR MOUNTABLE CURBS ABUTTING SIDEWALK OR OTHER HARDSCAPE, REFER TO "ABUTTING SIDEWALK" DETAIL.

CAST-IN-PLACE CONCRETE CURB DETAIL

NOT TO SCALE

| _   | FZ.  |
|---|--|
| l   | Dig Safely.  |
|   | New York   |
|   | B00-962-7962<br>www.digsafelynewyork.org                             |
| ֓֞֜֞֜֜֜֞֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֜֜֜֓֓֓֓֡֜֜֜֡֓֡֓֜֡֓֜ | Call Before You Dig Wait The Required Time                           |
|   | ☐ Confirm Utility Response<br>☐ Respect the Marks<br>☐ Dig With Care |

|                   | DRAW       | N BY: MA              | B CHECKED | BY: JDB     | JOB NO.: | 201 | 7:013 |  |  |
|-------------------|------------|-----------------------|-----------|-------------|----------|-----|-------|--|--|
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| ialy              | NO.        | DATE                  |           | DESCRIPTION |          |     |       |  |  |
| ely.              | 1          | 1 5/30/17 ADDED SHEET |           |             |          |     | MAB   |  |  |
| rk                | 2          | 6/27/17               | NO C      | HANGE THI   | S SHEET  |     | MAB   |  |  |
| 7962<br>yyork.org |            |                       |           |             |          |     |       |  |  |
| ig                |            |                       |           |             |          |     |       |  |  |
| d Time<br>esponse |            |                       |           |             |          |     |       |  |  |
| (S                |            |                       |           |             |          |     |       |  |  |



HUDSON LAND DESIGN
PROFESSIONAL ENGINEERING P.C.
174 MAIN STREET
BEACON, NEW YORK 12508
PH: 845-440-6926 F: 845-440-6637



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SHEET: 5 OF 5