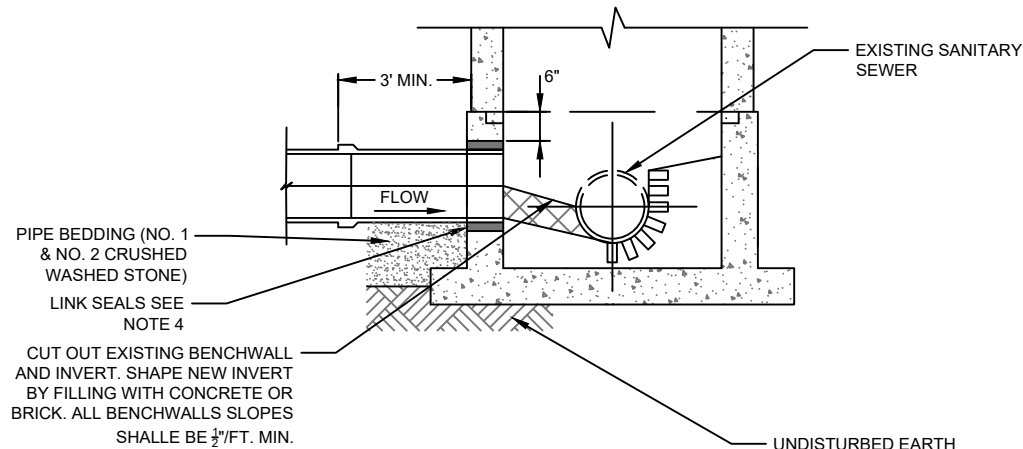


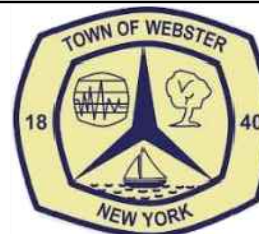
PLAN VIEW



SECTION A-A

**NOTES:**

1. THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 3" ABOVE THE EXISTING MAIN SEWER INVERT.
2. EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.
3. THE EXISTING MANHOLE BASE MAY BE ROUND OR SQUARE OR CAST-IN-PLACE CONCRETE DEPENDING ON HOW THE MANHOLE WAS CONSTRUCTED.
4. CORE DIAMETER HOLE TO ACCOMMODATE PVC PIPE (SDR-21 OR SCHEDULE 40 MIN.) AND LINK SEALS THAT SURROUND PIPE. LINK SEALS MATERIAL AND INSTALLATION SHALL BE SUBJECT TO SEWER DEPARTMENT APPROVAL. LINK SEALS SHALL BE PLACED ON BOTH FACES OF THE WALL.
5. THE INTERIOR OF SANITARY MANHOLE BASE SECTION TO BE 12" MIN. ABOVE THE HIGHEST PIPE. THE INVERT AND BENCHWALL SHALL BE COATED WITH 2 COATS OF SIKAGARD 62 SPRINKLE SILICA SAND ON TOP OF BENCHWALLS. ALL OTHER SURFACES SHALL HAVE 2 DURALKOTE 500.
6. PIPE ENTERING INTO SANITARY MANHOLE SHALL NOT EXCEED 90 DEGREES ALIGNMENT AGAINST EXISTING SANITARY SEWER MAIN FLOW.
7. CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL BE NOT LESS THAN 6" FROM A RISER JOINT.
8. THE TOWN MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.
9. SLOPE OF NEW INCOMING SEWER MUST BE 2% MIN.
10. THE EXISTING MANHOLE MAY NEED TO BE UPSIZED DEPENDING ON SA-015.



# **SANITARY SEWER CONNECTION TO EXISTING MANHOLE**

SCALE: N.T.S.

FEBRUARY 2023

**SA-016**