



CONSTRUCTION NOTES

- ① SQUARE STEEL PLATE, 12"x12"x0.375" THICK.
- ② BLACK STEEL PIPE SUPPORT TUBE. 2.5" DIAMETER x 14" LONG x 0.375" WALL THICKNESS.
- ③ STAINLESS STEEL (316 ALLOY) ALL THREAD ROD. 2.0" DIAMETER x 18" LONG. TACK WELD TO TOP HEX NUT.
- ④ HEAVY HEX HEAD STEEL (304 ALLOY) NUT.
- ⑤ BLACK STEEL FLAT BAR STOCK. 1" WIDE x 12" LONG x 0.375" THICK. FILLET WELD TO HEX NUT, ONE FACE, EACH NUT. DELETE IN WATERWASTE PUMP STATION APPLICATIONS.
- ⑥ SADDLE SUPPORT. STEEL PIPE BENT OPEN TO ACCOMODATE SAME SIZE PIPE OR ROLLED STEEL FLAT BAR TO MATCH SUPPORTED PIPE OR FITTINGS FLANGE O.D. 3" MINIMUM WIDTH x 12" ROLLED LENGTH. FILLET WELD HEX NUT TO BOTTOM OF SADDLE SUPPORT.
- ⑦ INSTALL BASE PLATE ON LEVELING COURSE OF HIGH STRENGHT EPOXY CEMENT COMPOUND.
- ⑧ COAT THREADS WITH LIBERAL AMOUNT OF ANTI-GREASE COMPOUND.

GENERAL NOTES

- 1. ALL PIPE SUPPORT COMPONENTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATON, WITH THE EXCEPTION OF THE ALL THREAD ROD.
- 2. ALL PIPE SUPPORT COMPONENTS EXCEPT THE ALL THREAD ROD SHALL BE PAINTED AFTER FIELD INSTALLATION WITH AN ALYD ENAMEL PAINT SYSTEM CONSISTING OF A 2 MIL PRIMER COAT AND A 2 MIL COAT OF HIGH GLOSS ENAMEL. COLOR SHALL BE WHITE, RED OR BLUE AND SHALL MATCH THE SUPPORT PIPING AND FITTINGS.
- 3. PIPE SUPPORTS SHALL BE INSTALLED ON ALL BACKFLOW PREVENTION ASSEMBLIES.

- ⑨ DRILL CONCRETE PAD OR VAULT FLOOR AND MOUNT BASE PLATE WITH 4 EACH 1/2" STAINLESS STEEL CONCRETE ANCHOR BOLTS. SEE BASE PLATES TEMPLATE.
- ⑩ TIGHTEN DOUBLE HEX NUTS SNUG AGAINST SUPPORT TUBE. USE 60 FT.LBS. TORQUE.
- ⑪ TACK WELD ALL THREAD ROD TO HEAVY HEX NUT UNDER SUPPORT SADDLE.
- ⑫ RED HEAD STAINLESS STEEL CONCRETE ANCHOR BOLT 1/2" DIAMETER x 4" LONG.
- ⑬ 1/2" STAINLESS STEEL HEX HEAD ANCHOR NUT. RED HEAD OR APPROVED EQUAL.
- ⑭ 1" x 1/2" HEAVY STAINLESS STEEL WASHERS. DOUBLE STACK ON TOP OF SUPPORT PLATE.

APPROVED:

 P.W. DIRECTOR / CITY ENGINEER
 REVISED DATE: 5/11/16



City of Westminster
 DEPARTMENT OF PUBLIC WORKS

PIPE SUPPORT ASSEMBLY

STANDARD NUMBER
416