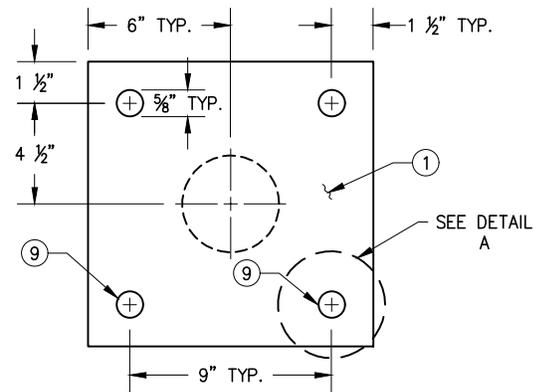
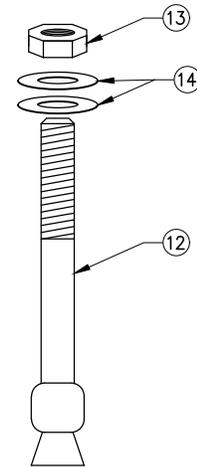


PROFILE VIEW: NOT TO SCALE



PLAN VIEW: NOT TO SCALE
BASE PLATE DRILLING TEMPLATE



DETAIL A: NOT TO SCALE
BASE PLATE ANCHOR BOLT

CONSTRUCTION NOTES

- ① SQUARE STAINLESS STEEL PLATE. 12" x 12" x 0.375" THICK.
- ② STAINLESS STEEL PIPE SUPPORT TUBE. 2.5" DIAMETER x 14" LONG x 0.375" WALL THICKNESS.
- ③ STAINLESS STEEL ALL THREAD ROD. 2.0" DIAMETER x 18" LONG. TACK WELD TO TOP HEX NUT.
- ④ HEAVY HEX HEAD STAINLESS STEEL NUT.
- ⑤ STAINLESS STEEL FLAT BAR STOCK. 1" WIDE x 12" LONG x 0.375" THICK. FILLET WELD TO HEX NUT, ONE FACE, EACH NUT. DELETE IN WASTEWATER PUMP STATION APPLICATIONS.
- ⑥ SADDLE SUPPORT. STAINLESS STEEL PIPE BENT OPEN TO ACCOMMODATE SAME SIZE PIPE OR ROLLED STAINLESS STEEL FLAT BAR TO MATCH SUPPORTED PIPE OR FITTING 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 STRENGTH EPOXY CEMENT COMPOUND.
- ⑧ COAT THREADS WITH LIBERAL AMOUNT OF ANTI-SEIZE COMPOUND.
- ⑨ DRILL CONCRETE PAD OR VAULT FLOOR AND MOUNT BASE PLATE WITH 4 EACH. 1/2" STAINLESS STEEL CONCRETE ANCHOR BOLTS. SEE BASE PLATE 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.

GENERAL NOTES

1. ALL PIPE SUPPORT COMPONENTS SHALL BE STAINLESS STEEL.
2. PIPE SUPPORTS SHALL BE INSTALLED ON ALL BACKFLOW PREVENTION ASSEMBLIES AND AS INDICATED FOR ALL VAULT INSTALLATIONS. REFER TO STANDARD DRAWINGS STD 507, 508, 518, 519 AND 520.
3. FOR AN ALTERNATIVES PIPE SUPPORT CONTACT THE UTILITIES DEPARTMENT REPRESENTATIVE.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 522-L

APP. *James M. Hinkle* 51568 11/24/2020
CITY ENGINEER RCE DATE

| NO. | DATE | DESCRIPTION OF REVISIONS |
|-----|------|--------------------------|
| | | |
| | | |

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS
DATE: 11/3/2020

PIPE SUPPORT ASSEMBLY

STANDARD DRAWING NO.
521
SHEET 1 OF 1