

- ① THRUST BLOCK PER W-27.
- ② TAPPING SLEEVE (SEE NOTES BELOW).
- ③ GATE VALVE SHALL BE FLANGE BY FLANGE. IF FL x RT USE TAPPING VALVE WITH THRUST BLOCK.
- ④ VALVE BOX PER W-23.

TYPE OF TAPPING SLEEVES TO BE USED

A/C PIPE 4"-12" H-619 MUELLER M/J.

A/C PIPE-14" & UP POWERSEAL-ALL STAINLESS STEEL-MODEL #3490 JCM-ALL ST. STL.-#432.

CAST IRON PIPE 4"-24" H-615 MUELLER M/J.

DUCTILE IRON PIPE 4"-24" H-615 MUELLER M/J.



C-900 PIPE 4"-12" H-615 MUELLER M/J.

C-905 PIPE 14" & UP POWER SEAL-ALL STAINLESS STEEL-MODEL#3490.

JCM-ALL STAINLESS STEEL-#432.

CEMENT COATED STEEL CYLINDER PIPE-ALL SIZES KOPPL CO. FABRICATED TAPPING SLEEVE ONLY TO BE FABRICATED, INSTALLED AND TAPPED BY KOPPL CO., OR INTERNATIONAL FLOW CONTROL. NO WELD-ON NOZZLES WILL BE PERMITTED.

NOTE: PIPE, FITTINGS, VALVES, AND NUTS & BOLTS WILL BE COATED AND WRAPPED PER SECTION 2.12 OF THE WATER, SEWER, & RECLAIMED WATER DESIGN & CONSTRUCTION MANUAL.

Revision	By	Approved	Date	CITY OF OCEANSIDE	 CITY ENGINEER Date
11/07/00	kal				
08/06/04	AC			STANDARD HOT-TAP CONNECTION, 3" & LARGER	STANDARD DRAWING NO. W-7
06/04/07	AC		7/1/07		