




GENERAL NOTES:

- 1A. ALL VALVE SIZES FROM 3" TO 12" SHALL BE RESILIENT WEDGE GATE VALVES AWWA C-509 (CLOW, WATEROUS, AVK, M&H, OR APPROVED EQUAL.
- B. ALL VALVE SIZES 14" AND ABOVE SHALL BE RUBBER SEATED BUTTERFLY VALVES AWWA C-504 (MUELLER BRAND LINE SEAL III EPOXY LINED I.D. OR APPROVED EQUAL.
2. ALL FITTINGS SHALL BE DUCTILE IRON IN ACCORDANCE WITH ANSI/ AWWA C-110 SPECIFICATION.
3. BOLTS SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATION C-207. ALL BOLTS SHALL BE ELECTRO GALVANIZED OR CADMIUM PLATED.
4. GASKETS SHALL BE RUBBER (RING TYPE) IN ACCORDANCE WITH AWWA SPECIFICATION C110/C111.
5. BUTTERFLY VALVES ARE TO BE INSTALLED WITH THE OPERATORS ON THE RIGHT LOOKING DOWN THE RUN AS VIEWED WHEN STANDING ON THE INTERSECTION OF THE TEE OR CROSS.
6. TEE BOLTS SHALL BE USED WITH FLANGE COUPLING ADAPTORS.
7. ALL VALVES, FITTINGS AND PIPE SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION FOR MATERIALS AND INSTALLATION OF WATER MAINS.

ADAPTORS

-  1 MECHANICAL JOINT ADAPTOR x FE
NOTE: ADAPTOR & GASKET TO MATCH PIPE
 - 2 FLEX COUPLING CAN BE USED TO INSTALL A NEW FITTING IN AN EXISTING LINE. COUPLING TO BE OF DUCTILE IRON OR CAST IRON BODY.
- NOTE: INTEGRAL MECHANICAL JOINTS ON FITTINGS ARE ACCEPTABLE.

 RICHARD G. SWEET R.C.E. 44,213 EXP. 6/30/07		1/20/05 DATE			City of Santa Maria Standard Drawing		
REVISIONS		BY	APP	DATE		DESCRIPTION: WATER MAIN-VALVE FITTING ARRANGEMENT	STANDARD NUMBER
A	UTILITY DEPARTMENT REVISIONS	cJP	11/15/12				WA-12A
DRAWN BY: H.P.		DATE DRAWN: 4/69		SCALE: NONE		SHEET 1 OF 1	