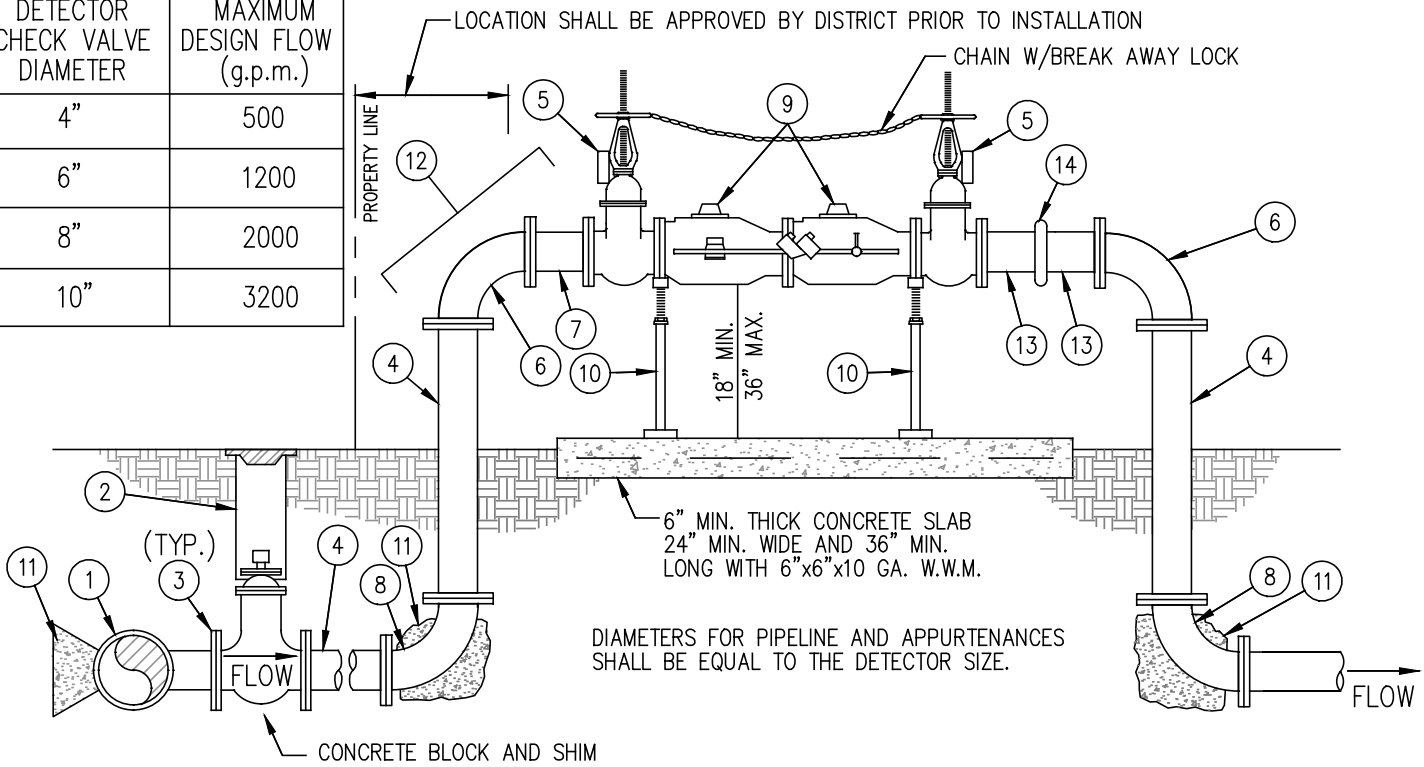


DETECTOR CHECK VALVE DIAMETER	MAXIMUM DESIGN FLOW (g.p.m.)
4"	500
6"	1200
8"	2000
10"	3200



NOTES:

1. THE "APPROVED" FIRE SERVICE SHALL BE LOCATED AND INSTALLED SUBJECT TO THE APPROVAL OF THE DISTRICT.
2. THE FIRE SERVICE MUST BE INSPECTED AND TESTED IMMEDIATELY AFTER INSTALLATION.
3. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED AND ALL EPOXY LINING SHALL BE SHOP APPLIED.
4. PIPE THREADS SHALL BE CLEAN AND SHARP, AND SEALED WITH APPROVED JOINT COMPOUND.
5. PAINT SHALL BE SAFETY RED.

ITEM	DESCRIPTION
①	MAINLINE DIA. x BRANCH DIA. TEE.
②	VALVE BOX & GATE VALVE INSTALLATION PER STD. NO. B-1.
③	ASA 150# SLIP-ON FLG. (TYP.) TO MATE VALVES AND FLANGED FITTINGS.
④	CML & CMC STD. WT. STEEL BELOW GRADE (FLxFL).
⑤	TAMPER SWITCH CONNECTION SHALL BE TO THE NEAREST BUILDING
⑥	90° FLANGED STD. WT. LONG RADIUS (FUSION BONDED EPOXY LINED OUTSIDE PAINTED) ELBOW (FLxFL).
⑦	FUSION BONDED EPOXY LINED, OUTSIDE PAINTED ABOVE GRADE (FLxFL).
⑧	90° FLANGED CML/CMC STD. WT. LONG RADIUS ELBOW.
⑨	DOUBLE CHECK DETECTOR W/BY-PASS METER, W/RADIOREAD PURCHASED FROM THE DISTRICT, (INCLUDING O.S. & Y. VALVES-EPOXY LINED). BY-PASS METER FLOW RATE INDICATOR TO REGISTER IN G.P.M., METER TOTALIZER TO REGISTER IN 100'S CU. FT.
⑩	PIPE SUPPORT PER DISTRICT STANDARDS.
⑪	CONCRETE THRUST BLOCK PER STD. NO. C-2
⑫	PAINT EXTERIOR WITH PRIMER AND TWO (2) COATS OF PAINT. COLOR AND MANUFACTURER AS APPROVED BY THE DISTRICT. (NO PRIMER ON BRASS OR BRONZE).
⑬	FUSION BONDED EPOXY LINED, OUTSIDE PAINTED ABOVE GRADE (FLxGR).
⑭	GROOVED COUPLING.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE DATE: SEPTEMBER 2020 APPROVED BY: <i>Sinnaro Yos</i> Sinnaro Yos, P.E. C68607	4", 6", 8" AND 10" DIA. FIRE SERVICE/ DOUBLE DETECTOR CHECK VALVE INSTALLATION ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	DRAWING NO. H-1 W.O. 19-0248
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