

KEY	QUANTITY	DESCRIPTION
①	1	ROMAC STAINLESS STEEL TAPPING SLEEVE OR EQUAL (4" MIN.)
②	1	TAPPING VALVE (RESILIENT SEAT) WITH FLANGE & MECHANICAL JOINT
③		C 900 P.V.C. PIPE CLASS 200 OR DUCTILE IRON (4" MIN.)
④	2	90° ELBOW-FLANGED BY FLANGED
⑤	2	90° ELBOW-FLANGED BY MECHANICAL JOINT
⑥	2	THREADED FLANGED SPOOL (DUCTILE IRON)
⑦	1	DOUBLE DETECTOR CHECK ASSEMBLY WITH O.S. & Y. VALVES (U.S.C. APPROVED)
⑧	2	PIPE SUPPORT (SEE DETAIL)
⑨	1	JENSEN PRECAST HTV10-3 VALVE BOX
⑩	1	3/4" BYPASS METER-SENSUS SR II
⑪	1	CONDUIT AND BOX FOR FUTURE ALARM SYSTEM

- NOTES:**
- INSTALLATION AND FITTINGS SHALL HAVE A MIN. OF 12" SIDE CLEARANCE.
  - ALL FITTINGS SHALL BE THERMO EPOXY OR MORTAR LINED, NO-OX-ID COATED AND P.E. WRAPPED.
  - THE COMPLETE ASSEMBLY ABOVE GROUND SHALL BE PAINTED BY CONTRACTOR (SEE GENERAL REQUIRMENTS SECTION).
  - INSTALLATION WILL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING. (PHONE 805/385-8155)
  - CONTACT FIRE DEPARTMENT (PHONE 805/385-7722) FOR ADDITIONAL CONNECTIONS AND ALARM SYSTEM REQUIREMENTS.
  - BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
  - CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING RELIEF VALVES.
  - A 2 1/2" OR 3" BACKFLOW DEVICE MUST BE INSTALLED WITH A 4" SERVICE & REDUCING ELBOW AS SHOWN.
  - RESTRAINED JOINTS MAY BE SUBSTITUTED IN LIEU OF THRUST BLOCKS. RESTRAINED JOINTS SHALL BE MANUFACTURED BY ROMAC INDUSTRIES, OR APPROVED EQUAL.
  - PVC INSTALLATIONS SHALL INCLUDED A 12 GAUGE LOCATING WIRE.

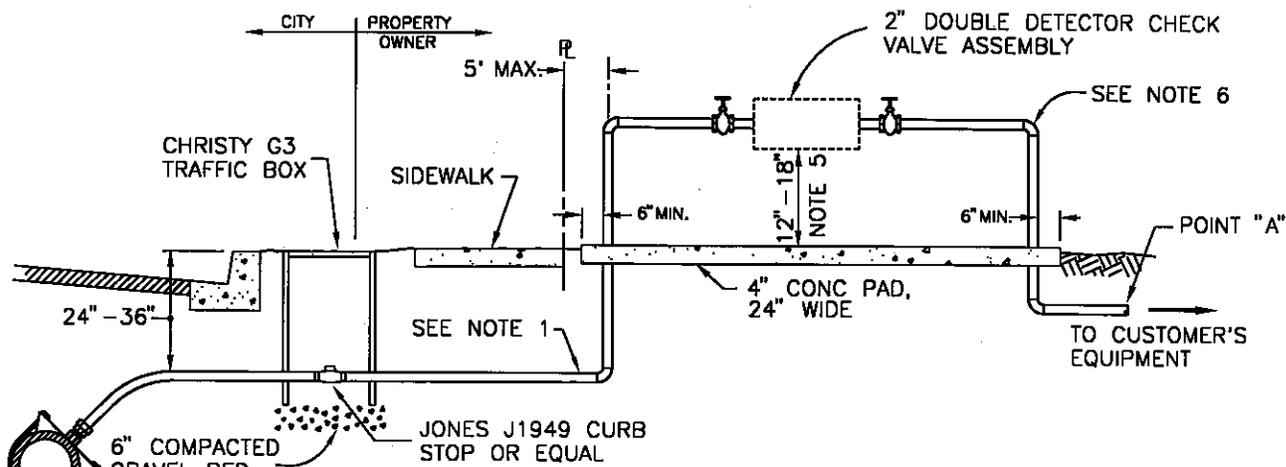
REV.	APPR. BY	DATE

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	L. Balderrama	10/06/14

CITY OF <b>OXNARD</b> CALIFORNIA	<b>2 1/2" &amp; LARGER FIRE LINE INSTALLATION</b>		STANDARD PLAN 2002
	DRAWN: C. GIRON   CKD.: R. HEARNE		<b>PLATE 311</b>
Department of Public Works		APPR. <i>L. Balderrama</i> L. Balderrama, PE, City Engineer	SHEET 1 OF 2

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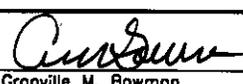
**NO CONNECTIONS PERMITTED BETWEEN MAIN & BACK FLOW DEVICE**

SADDLE - FORD 202B (AC & CAST IRON),  
 FORD 202BS (PVC C900) & CORP. STOP  
 (FB 1000 OR FB 700) OR EQUAL.  
 LEAVE KEY TO SIDE & OPEN.

NOTE: GATE VALVES AND TEST  
 COCKS ARE REQUIRED.

**NOTES:**

1. PIPE FROM METER TO BACKFLOW PREVENTION DEVICE AND POINT "A" SHALL BE TYPE "K" RIGID OR BRONZED COPPER PIPE. EXPOSED COPPER SHALL BE PAINTED THE SAME COLOR AS BACKFLOW DEVICE. SEE GENERAL REQUIREMENT SECTION.
2. ALL COPPER JOINTS SHALL BE SILVER SOLDERED WITH 85-15.
3. BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER IMMEDIATELY AFTER THEY ARE INSTALLED.
4. INSTALLATION SHALL BE INSPECTED AND APPROVED BY CROSS-CONNECTION CONTROL PRIOR TO ACTIVATING (PHONE 805/385-8155)
5. CLEARANCES SHALL BE MEASURED TO THE LOWEST PART OF THE DEVICE INCLUDING ANY RELIEF VALVES.
6. CONTACT FIRE DEPARTMENT (PHONE 805/385-7722) FOR ADDITIONAL CONNECTIONS AND ALARM SYSTEM REQUIREMENTS.

	<b>2" FIRE LINE INSTALLATION</b>		STANDARD PLAN 2002
	DRAWN: STAFF	CKD.: STAFF	PLATE 311
Department of Public Works		APPR.  Granville M. Bowman	SHEET 2 OF 2