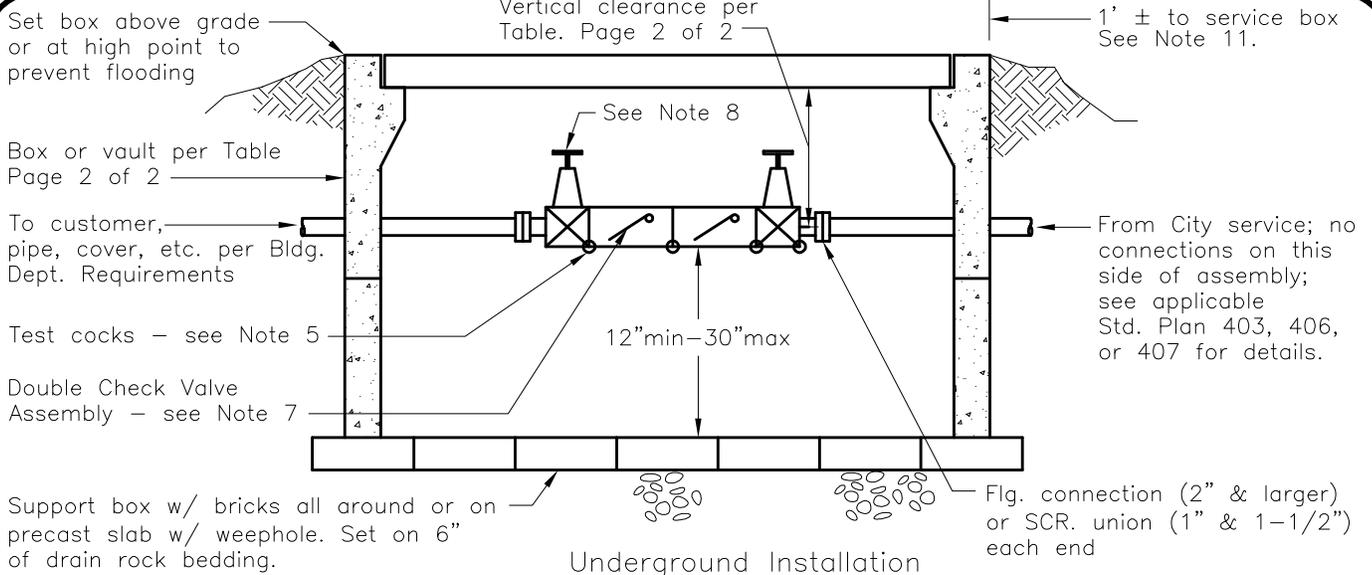




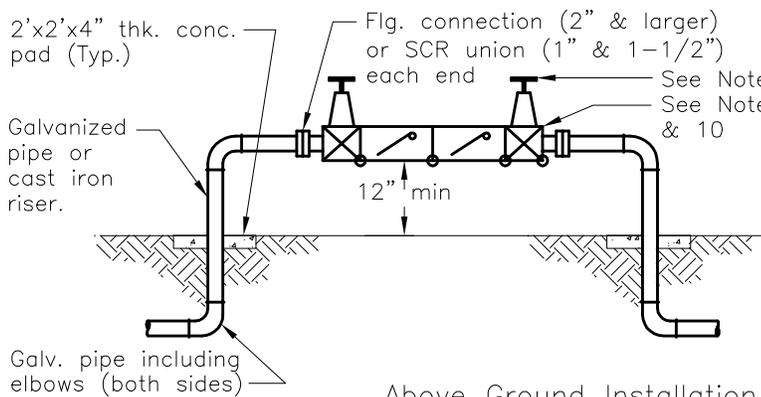
CITY OF LODI

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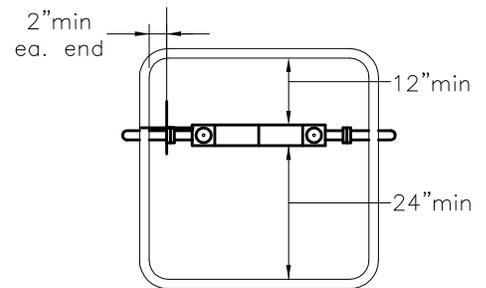
Double Check Valve Assembly



Underground Installation



Above Ground Installation



Plan

Notes:

1. It is the customer's responsibility to have the assembly tested prior to acceptance and annually by a State Certified Backflow Prevention Tester and report the results to the Public Works Department.
2. Plug all openings in box.
3. Traffic lids shall be used where applicable.
4. Vertical clearance may be increased for OS&Y valves.
5. Offset box over assembly to provide testing clearance per plan.
6. Assembly installed above ground may be enclosed with clearances similar to underground installation.
7. Use FEBCO 850 or approved equal per State Standards.
8. Valve handles may be chained & padlocked for security.
9. This plan for domestic service only. Design for fire service applications to have approval of Public Works Director and Fire Marshal.
10. Install guard posts where device is installed in paved areas accessible to traffic or in planters less than 3' behind the curb or when directed by City.
11. Locate immediately downstream of water service box.

Sheet 1 of 2

Dr. KT	No. 1	Date 2/04	Revision REVISED MODEL NUMBER ON NOTE #7	Appr.	Approved By: <i>F. Wally Sandelin</i>	Date 2/12/04	STD PLAN
Ch. WS					F. Wally Sandelin City Engineer R.C.E. 39895		411
Date 12/00							



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Double Check Valve Assembly Materials List

Size	Vertical Clearance min / max	Box or Vault / Lid (See Note 3) (min)
1"	8" 18"	Christy B40 or Bes C40W Box/ Christy B40-61D or Bes 61D75
1-1/2"	10" 20"	Christy B48 or Bes C48W Box/ Christy B48-62D or Bes 62D85
2"	10" 20"	Christy B48 or Bes C48W Box/ Christy B48-62D or Bes 62D85
3"	16" 30"	4'x4' / Split, hinged lid
4"	20" 36"	4'x4' / similar to Forni-
6"	24" 40"	7'x5' / HAL-Lucero
8"	30" 48"	7'x5' / Assembly

} Christy B52 or Bes C52W box/
Christy or Bes 62D90

Dr. KT	No.	Date	Revision	Appr.	Approved By: <i>F. Wally Sandelin</i>	12/28/00	STD PLAN
Ch. WS					F. Wally Sandelin City Engineer R.C.E. 39895	Date	411
Date 12/00							