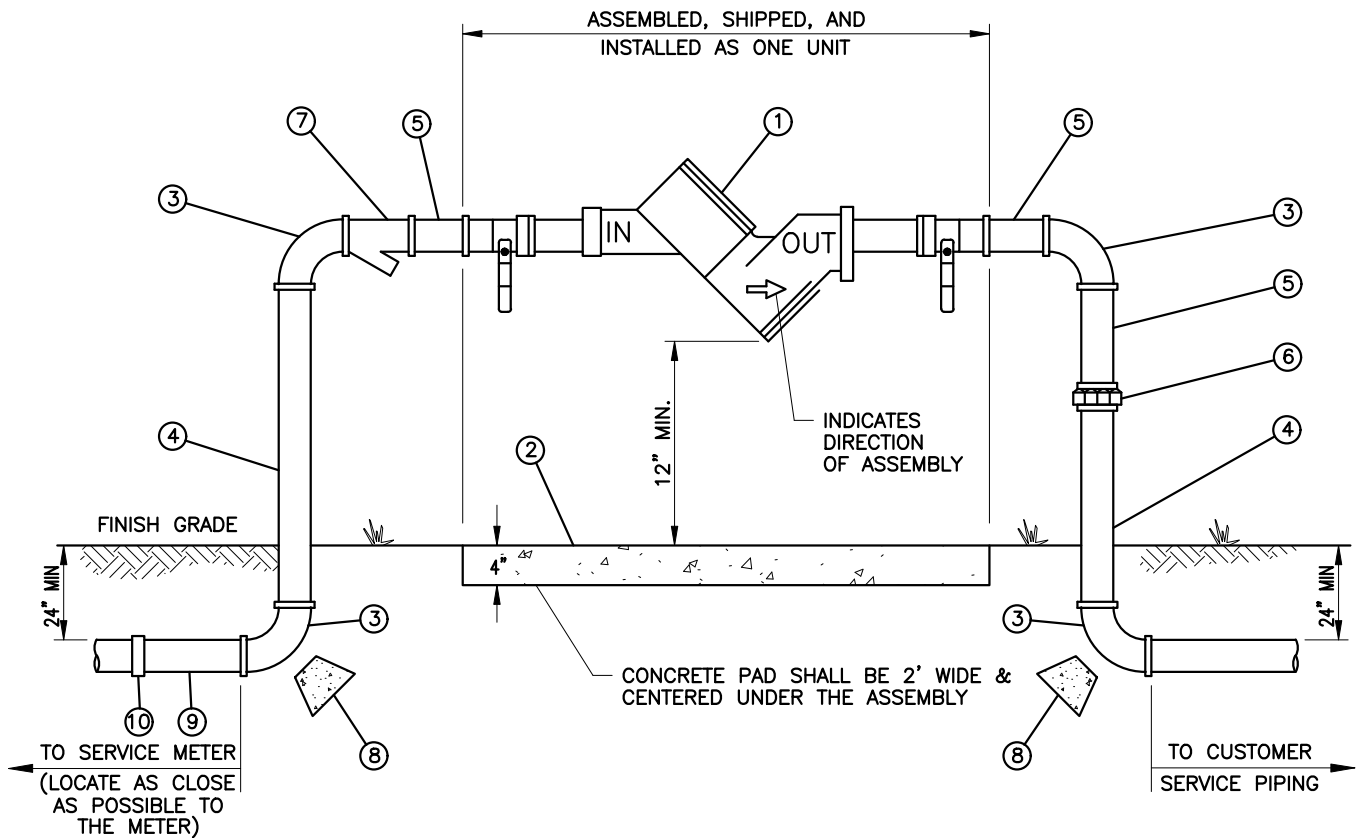




ITEM	NO. REQ'D.	DESCRIPTION
1	1	REDUCED PRESSURE OR DOUBLE CHECK BACKFLOW PREVENTION DEVICE (AS SPECIFIED BY DISTRICT).
2	1	CONCRETE PAD. CONCRETE SHALL BE CLASS A.
3	4	STANDARD WEIGHT THREADED BRASS ELBOW.
4	2	THREADED BRASS PIPE.
5	3	6" THREADED BRASS NIPPLE.
6	1	BRASS UNION.
7	1	BRONZE WYE STRAINER, MALE IPT INLET x FEMALE IPT OUTLET.
8	—	CONCRETE THRUST PROTECTION, 1' CUBE. CONCRETE SHALL BE CLASS C.
9	1	STANDARD WEIGHT BRASS NIPPLE (12" LONG).
10	1	BRASS COUPLING.

NOTES:

- 1) ALL ABOVE GROUND PIPING AND FITTINGS EXCEPT TEST COCKS SHALL BE FIELD PAINTED IN ACCORDANCE WITH THE BASIC PAINTING SPECIFICATIONS. THE FINAL TWO COATS SHALL BE BLUE.
- 2) ALL PIPE, VALVE, AND FITTING SIZES SHALL MATCH THE BACKFLOW PREVENTION DEVICE SIZE.
- 3) 5/8"x3/4" AND 3/4" METERS SHALL USE A 1" BACKFLOW PREVENTION DEVICE.
- 4) PRIOR TO BEGINNING CONSTRUCTION, THE LOCATION OF THE BACKFLOW ASSEMBLY SHALL BE APPROVED BY THE RCSD CROSS CONNECTION INSPECTOR AND SHALL BE APPROVED BY THE INSPECTOR BEFORE BACKFILLING TRENCHES.
- 5) NOTIFY RCSD CROSS CONNECTION DEPARTMENT AT (951) 684-7580 PRIOR TO BEGINNING CONSTRUCTION.
- 6) ALL BACKFLOW PREVENTION DEVICES SHALL BE IN ACCORDANCE WITH RCSD'S CROSS CONNECTION CONTROL PROGRAM.



APPROVED:

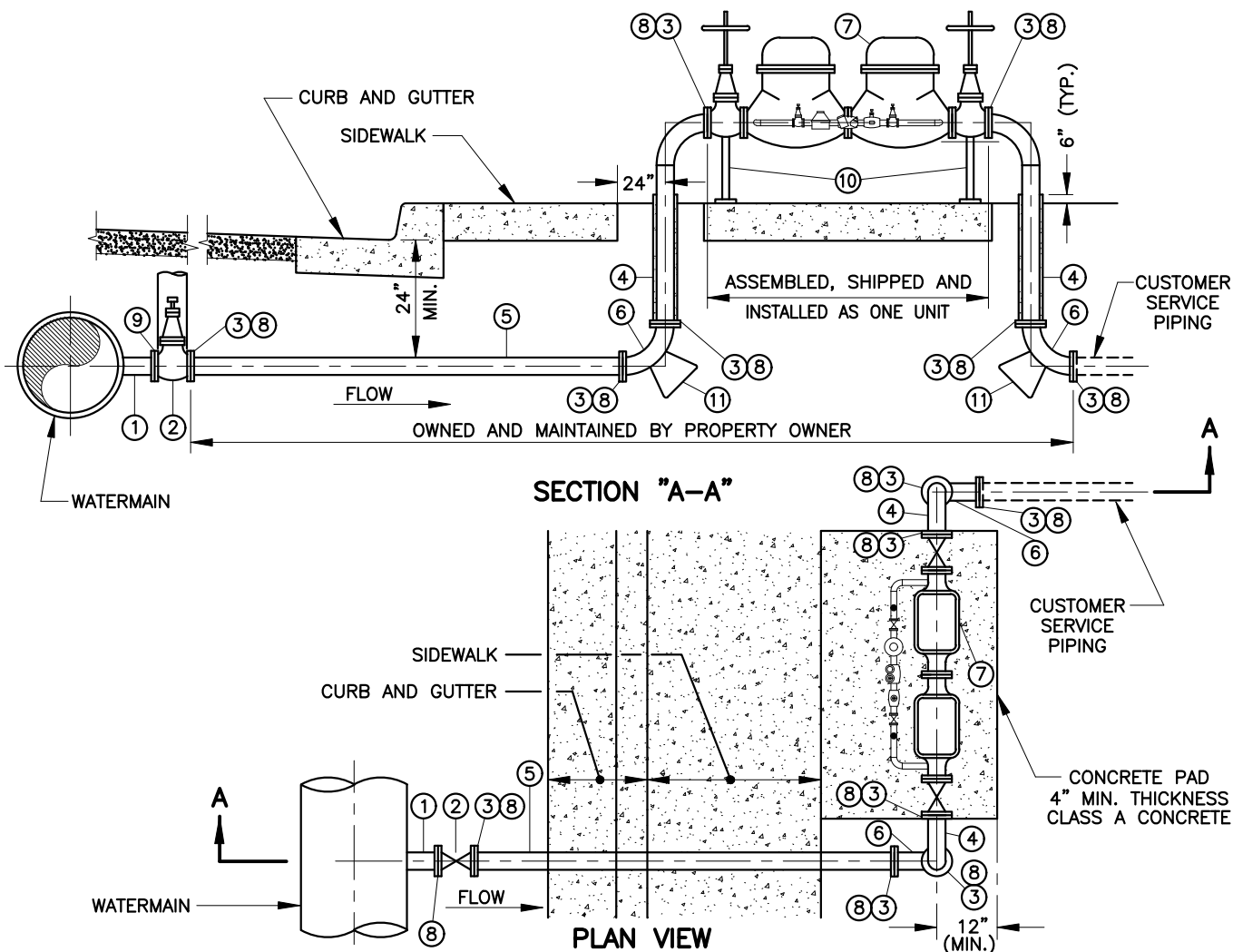
Jaclyn Makarzec
DIRECTOR OF ENGINEERING
DATE: AUGUST 2025

RUBIDOUX COMMUNITY SERVICES DISTRICT
1", 1 1/2", AND 2"

BACKFLOW PREVENTION DEVICE

STANDARD DRAWING

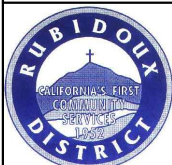
W1130



OWNED AND MAINTAINED BY	ITEM	No. REQ'D.	DESCRIPTION
RCSD	1	1	FLANGED DUCTILE IRON TEE ON DUCTILE IRON OR POLYVINYL CHLORIDE WATERMAINS, OR FLANGED OUTLET ON WELDED STEEL WATERMAIN.
RCSD	2	1	FLANGED GATE VALVE INSTALLATION PER STANDARD DRAWING W1020.
PROP. OWNER	3	7	A.W.W.A. CLASS E RING FLANGE.
PROP. OWNER	4	VARIES	STANDARD WEIGHT CEMENT MORTAR LINED AND CEMENT MORTAR COATED WELDED STEEL PIPE AND FITTINGS WITH SMOOTH ELBOW.
PROP. OWNER	5	VARIES	STANDARD WEIGHT CEMENT MORTAR LINED AND CEMENT MORTAR COATED WELDED STEEL PIPE AND FITTINGS.
PROP. OWNER	6	2	STD. WT. CEMENT MORTAR LINED AND CEMENT MORTAR COATED FLANGED 90° ELBOW.
PROP. OWNER	7	1	DETECTOR CHECK ASSEMBLY. TYPE AND SIZE AS SPECIFIED BY DISTRICT.
PROP. OWNER	8	—	BOLTS SHALL BE IN ACCORDANCE WITH APPROVED MATERIALS LIST (TYP.)
RCSD	9	—	BOLTS SHALL BE IN ACCORDANCE WITH APPROVED MATERIALS LIST (TYP.)
PROP. OWNER	10	2	ABOVE GRADE SUPPORT (WHEN ALTERNATIVE PIPE MATERIALS ARE USED).
PROP. OWNER	11	2	CONCRETE THRUST PROTECTION PER STANDARD DRAWING G40 (WHEN ALTERNATIVE PIPE MATERIALS ARE USED).

NOTES:

- 1) BOLTS SHALL BE IN ACCORDANCE WITH APPROVED MATERIAL LIST. THREADS SHALL BE LUBRICATED WITH AN APPROVED ANTI-SEIZE COMPOUND. ALL BURIED EXPOSED STEEL SHALL BE FIELD COATED WITH AN APPROVED BITUMASTIC.
- 2) ALL ABOVE GROUND PIPING, VALVES, AND FITTINGS (EXCEPT TEST COCKS) SHALL BE PAINTED IN ACCORDANCE WITH BASIC PAINTING SPECIFICATIONS. ABOVE GROUND PIPING SHALL NOT INCLUDE CEMENT MORTAR COATING.
- 3) ALL PIPE, VALVE, AND FITTING SIZES SHALL BE THE SAME AS DETECTOR CHECK.
- 4) DETECTOR CHECK AND SERVICE ARE OWNED AND MAINTAINED BY THE PROPERTY OWNER AS IDENTIFIED HEREON.
- 5) ALTERNATIVE MATERIALS SHALL BE SUBMITTED TO DISTRICT AND REVIEWED ON A CASE BY CASE BASIS.
- 6) IF DCDA IS TO BE INSTALLED WHERE NO SIDEWALK IS TO BE INSTALLED OR PRESENT, DCDA SHOULD BE INSTALLED 60" MIN. FROM BACK OF CURB.
- 7) SERVICES THAT ARE UNUSED/INACTIVE FOR ONE YEAR OR MORE MUST BE REPLACED BACK TO MAIN.
- 8) ALL BACKFLOW PREVENTION DEVICES SHALL BE IN ACCORDANCE WITH RCSD'S CROSS CONNECTION CONTROL PROGRAM.



APPROVED:

Jaclyn Makarzec
DIRECTOR OF ENGINEERING
DATE: AUGUST 2025

RUBIDOUX COMMUNITY SERVICES DISTRICT
4" - 12" DETECTOR CHECK
SERVICE INSTALLATION

STANDARD DRAWING

W1140