

NOTES

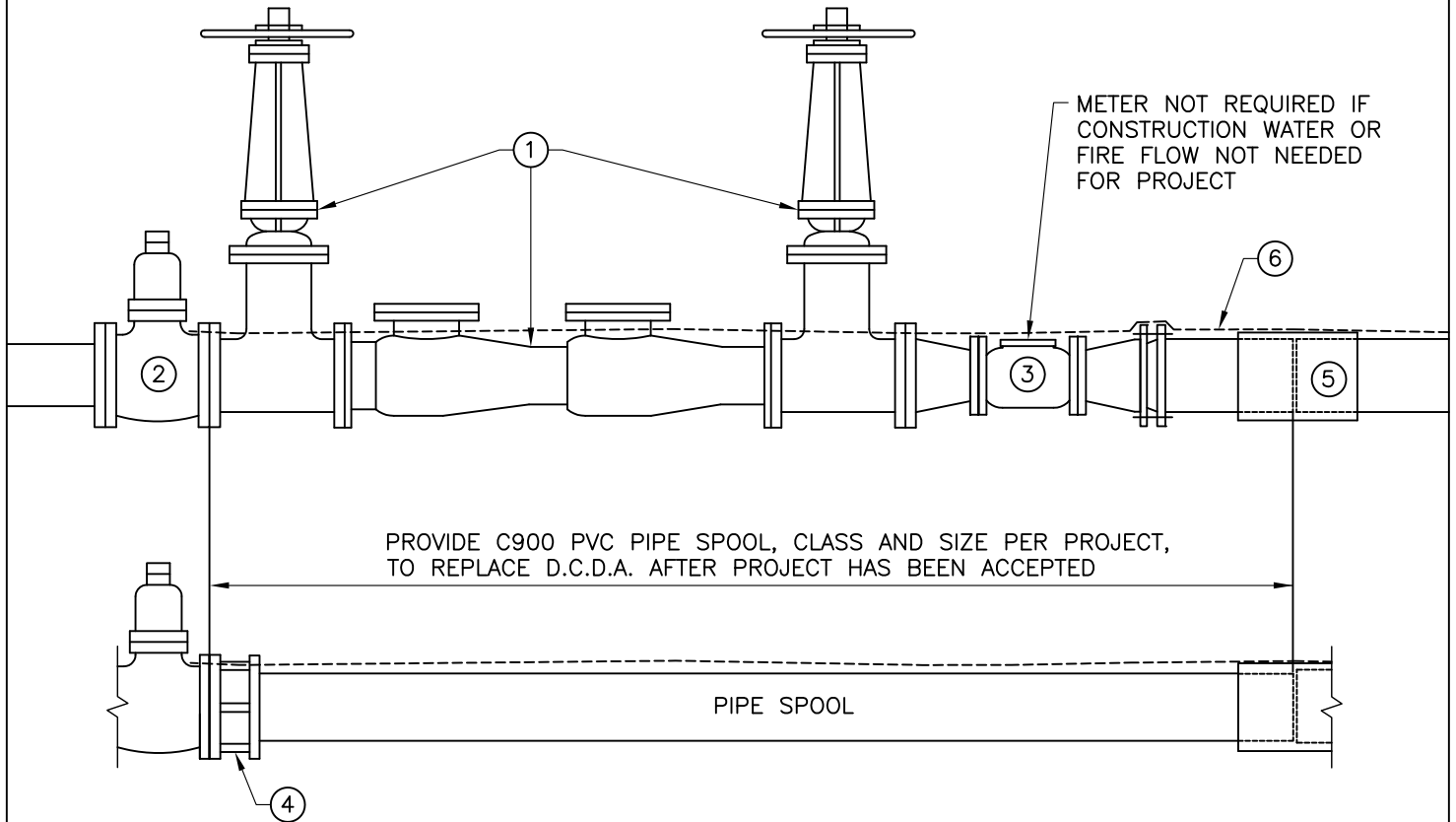
- A. ALL MAINTENANCE, LIABILITY AND TESTING OF THE DOUBLE CHECK DETECTOR ASSEMBLY (D.C.D.A.) SHALL BE SOLELY BY CUSTOMER, PER T.U.D. REGULATIONS, STARTING AT THE VALVE CLOSEST TO THE D.C.D.A.
- B. EXPOSED MAIN AND BYPASS PIPE ABOVE GROUND SHALL BE WRAPPED WITH INSULATION WHEREVER IT DOES NOT INTERFERE WITH OPERATION OF THE D.C.D.A.
- C. D.C.D.A. SHALL BE ON THE CURRENT STATE APPROVED LIST.
- D. CHECK WITH THE APPROPRIATE FIRE DEPARTMENT FOR SPECIFIC ADDITIONAL REQUIREMENTS.
- E. WHERE ANY SUBSTANCES WILL BE INJECTED INTO THE FIRE SPRINKLER SYSTEM (OR UNDER CERTAIN CONDITIONS), A REDUCED PRESSURE DETECTOR ASSEMBLY SHALL BE INSTALLED AND MUST BE ON THE STATE-APPROVED LIST.
- F. FIRE DEPARTMENT CONNECTION SHALL BE LOCATED SO THAT HOSE LINES CAN BE READILY ATTACHED WITHOUT INTERFERENCE FROM NEARBY OBJECTS INCLUDING BUILDINGS, FENCES OR OTHER FIRE DEPT. CONNECTIONS.
- G. COAT BURIED NUTS & BOLTS WITH KOPPERS BITUMASTIC NO. 50, NAPA #MAC8400 RUBBERIZED UNDERCOAT, OR TAPE WITH 10 MILS PVC TAPE, 3 WRAPS MIN. AND COVER WITH PLASTIC SHEETING, 4 MIL THICK MIN. BOLTS MUST BE ACCESSIBLE.

ITEM	QTY	DESCRIPTION
①	1	DOUBLE CHECK DETECTOR ASSEMBLY (DCDA); SEE NOTE 'C'.
②	1	BYPASS METER MUST READ IN CUBIC FT.
③	1	DOUBLE CHECK BACKFLOW PREVENTER
④	1	WEATHERGUARD BLANKET (OR EQUAL) OR APPROVED ENCLOSURE
⑤	1	¼" GALV. STEEL CHAIN W/2 KEYED PADLOCKS: ONE FOR T.U.D AND ONE FOR FIRE DEPT./CDF
⑥	1	RESILIENT WEDGE GATE VALVE, SEE DWG. NO. 201
⑦	1	#12 AWG INSULATED LOCATOR WIRE, SINGLE STRAND COPPER, UF LISTED, SEE DWG. #102
⑧	1	WAFER CHECK VALVE, VAL-MATIC SERIES 1400, FLOMATIC #888, OR APPROVED EQUAL
⑨	1	DUCTILE IRON FLANGED TEE
⑩	3	DUCTILE IRON 90° FLANGED ELBOW
⑪	2	DUCTILE IRON FLANGED RISER
⑫	1	FIRE DEPARTMENT CONNECTION (THREADED)
⑬	2	FLANGExMJ FITTING
⑭	1	THREADED COMPANION FLANGE

TUOLUMNE UTILITIES DISTRICT
DOUBLE CHECK DETECTOR ASSEMBLY

REV. 07-30-15
 STD. DWG. NO.
210

**INSTALLATION OF TEMPORARY DOUBLE CHECK DETECTOR ASSEMBLY
REQUIRED PRIOR TO CONSTRUCTION OF NEW WATER FACILITIES**



NOTES

- A. DETECTOR CHECK DETECTOR ASSEMBLY (D.C.D.A.) SHALL BE ON THE CURRENT STATE-APPROVED LIST. SEE T.U.D. FOR LIST.
- B. COAT BURIED NUTS & BOLTS WITH KOPPERS BITUMASTIC NO. 50, NAPA #MAC8400 RUBBERIZED UNDERCOAT, OR TAPE WITH 10 MILS PVC TAPE, 3 WRAPS MIN. AND COVER WITH PLASTIC SHEETING, 4 MIL THICK MIN. BOLTS MUST BE ACCESSIBLE.
- C. CONTRACTOR IS RESPONSIBLE FOR SUPPORTING AND PROTECTING D.C.D.A. AND METER UNTIL PROJECT HAS BEEN COMPLETED AND ACCEPTED BY T.U.D.

ITEM	QTY	DESCRIPTION
①	1	APPROVED DOUBLE CHECK DETECTOR ASSEMBLY
②	1	RESILIENT WEDGE GATE VALVE, SEE DWG. #201
③	1	4" TURBINE METER WITH 6"x4" FLxFL REDUCER & 4"x8" FLxMJ REDUCER
④	1	FLANGExCOUPLING ADAPTER
⑤	1	C900 COUPLING
⑥		#12 AWG INSULATED LOCATOR WIRE, SINGLE STRAND COPPER, <u>UF LISTED</u> , SEE DWG. #102

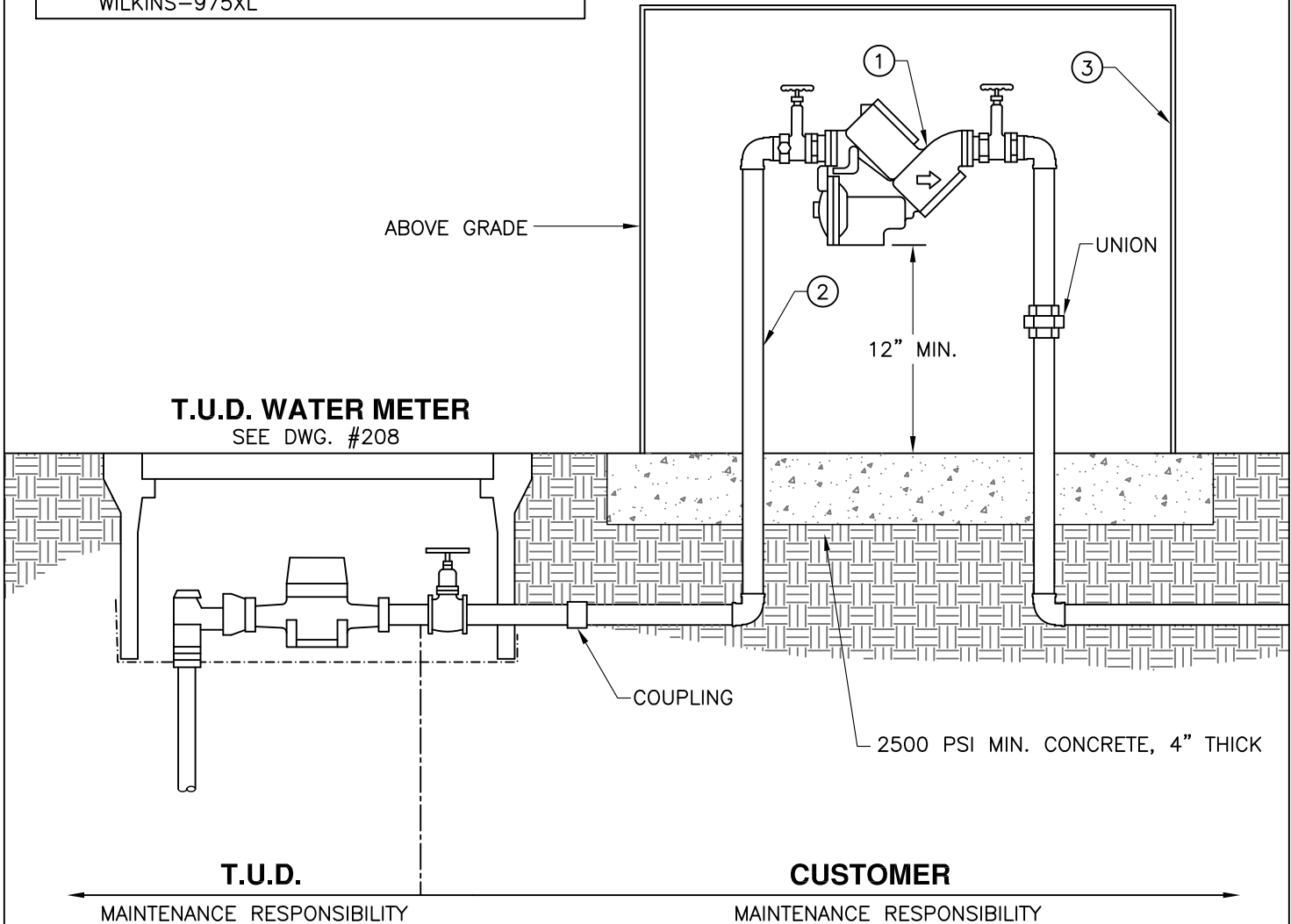
**TUOLUMNE UTILITIES DISTRICT
DOUBLE CHECK DETECTOR ASSEMBLY
FOR PROJECT UNDER CONSTRUCTION**

REV. 08-07-12
STD. DWG. NO.
211

COMMON REDUCED-PRESSURE BACKFLOW DEVICES
(MUST BE CERTIFIED LEAD FREE):

FEBCO-825Y
WATTS-LF009 SERIES
WILKINS-975XL

REDUCED-PRESSURE BACKFLOW DEVICE



NOTES

- A. REDUCED-PRESSURE BACKFLOW ASSEMBLY SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE T.U.D. WATER METER WITH NO TEES OR CONNECTIONS BETWEEN THEM.
- B. FITTINGS, JOINTS, BOLTS AND NUTS ARE TO BE COVERED WITH PLASTIC SHEETING (4 MIL THICK MIN.) OR 10 MIL. TAPE PRIOR TO PLACEMENT OF CONCRETE. NO CONCRETE TO BE ALLOWED ON BOLTS OR PIPE.
- C. WRAP ALL UNDERGROUND GALVANIZED PIPE WITH 10 MIL. TAPE.
- D. IF SOLID ENCLOSURE IS USED, MAINTAIN 12" MIN. CLEARANCE AROUND TEST-COCKS.

ITEM	QTY	DESCRIPTION	REMARKS
①	1	REDUCED-PRESSURE BACKFLOW PREVENTION ASSEMBLY	BRAND/MODEL PER STATE WATER BOARD SPECIFICATIONS
②	1	BRASS OR GALVANIZED IRON PIPE	SIZE VARIES, SEE NOTE 'C'
③	1	INSULATED PROTECTIVE ENCLOSURE	WEATHERGUARD BLANKET OR EQUAL, SEE NOTE 'D'