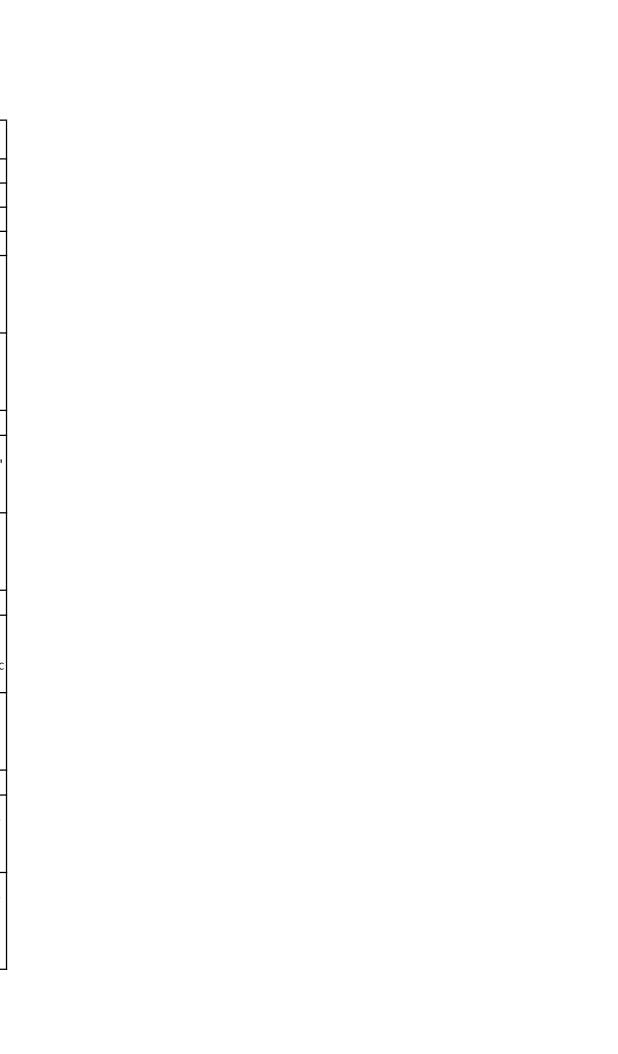
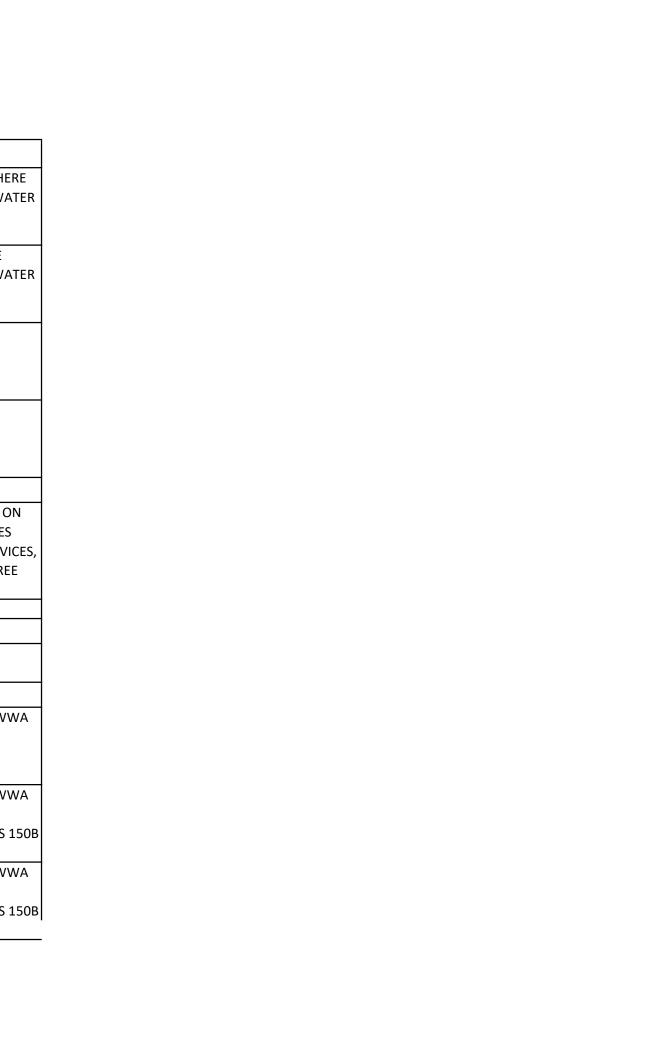
SIZE	DESCRIPTION	MANUFACTURER	NOTES			
PIPE						
12" or smaller	North Americ	an, Vinly Tech, Diamond	PVC C-900			
14" or larger	US Pipe, Amei	rican DIP, McWayne Pipe	CMLC steel or Ductile Iron			
	CORPORAT	TION STOPS				
1" AND 2"	MIP X COMPRESSION BALL CORP STOP	FORD AY MCDONALD	QUICK JOINT COMPRESSION RING			
		JONES MUELLER				
1" AND 2"	MIP X MIP BALL CORP STOP	FORD AY MCDONALD JONES MUELLER				
	ANGLE ME	TER STOPS				
3/4" AND 1"	COMPRESSION X METER SWIVEL BALL ANGLE METER STOP	FORD AY MCDONALD JONES MUELLER	QUICK JOINT COMPRESSION RING 1" COMP X 3/4" METER NUT 1" COMP X 1" METER NUT			
1-1/2" AND 2"	COMPRESSION X FLANGE BALL ANGLE METER STOP	FORD AY MCDONALD JONES MUELLER	QUICK JOINT COMPRESSION RING 2" COMP X 1-1/2" FLANGE 2" COMP X 2" FLANGE			
	SADDLES & TA	PPING SLEEVES	•			
1" AND 2" SADDLES WITH FIP THREADS	ACP, DIP, & C-900	FORD AY MCDONALD JONES MUELLER	BRASS SADDLE WITH DOUBLE BAND STAINLESS STEEL STRAP SADDLE USED BASED ON SYSTEM PRESSURE (FOR C900, AC AND DIP). BRASS SADDLE W/DOUBLE BAND BRASS STRAP FOR AC AND DIP.			
3" AND ABOVE TAPPING SLEEVES WITH FLANGE	ACP, DIP, & C-900	POWER SEAL, ROMAC, JCM, SMITH BLAIR, FORD	ALL STAINLESS STEEL HARDWARE AND BODY AND FLANGE. NO RUBBER GASKETS ON FLANGE.			
	COUP	LINGS	•			
1" AND 2"	COMPRESSION X COMPRESSION MIP X COMPRESSION FIPXCOMPRESSION	FORD AY MCDONALD JONES MUELLER	USED ON COPPER TUBBING WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY			
1" AND 2"	1" SWEAT X MALE SWEAT X SWEAT 1" SWEAT X MALE 2" SWEAT X SWEAT 2" SWEAT X SWEAT 90 ELL		USED ON COPPER TUBBING WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY			



	COUPLING	S CONTINUED	
1" AND 2"	BRASS FIP X FIP		USED ON BRASS NIPPLES WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY
4" AND ABOVE	REPAIR, TRANSITION, CLOSURE	ROMAC 501 EPOXY COATED SS TRIM ROMAC MACRO EPOXY COATED SS TRIM SMITH BLAIR EPOXY COATED SS TRIM POWER SEAL EPOXY COATED	ACP, DIP, PVC, STEEL WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY
4" AND ABOVE	FLANGE COUPLING ADAPTER FCA	ROMAC 501 EPOXY COATED SS TRIM	ACP WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY
4" AND ABOVE	REPAIR COUPLINGS PVC (C-900)		C-900 WHERE SHOWN OR APPROVED BY WATER DEPARTMENT ONLY
	СОРРЕГ	RTUBING	
1" AND 2"	TYPE "K" SOFT		1" ROLLED TUBING (SOLDER ON COUPLING ONLY ON SERVICES LONGER THAN 100' 2" SERVICES, SOLDER AT 20' AND 90 DEGREE ELL
SILVER SOLDER	15%		
	SMALL	FITTINGS	
1" AND 2"	BRASS FITTINGS ONLY		VARYING SIZES AND CONFIGURATIONS
	VA	LVES	
3"-12"	GATE VALVE: RESILIENT WEDGE, NON RISING STEM, FLANGE BY FLANGE HOLIDAY FREE	MUELLER CLOW AFC	TO CONFORM TO LATEST AWWA C-509 SPECIFICATIONS. ALL STAINLESS STEEL TRIM
14"-20"	BUTTERFLY VALVE: MDT WITH BURIED SERVICE NUT HOLIDAY FREE	MUELLER PRATT	TO CONFORM TO LATEST AWWA C-504 SPECIFICATIONS. ALL STAINLESS STEEL TRIM CLASS 150B
24" AND ABOVE	BUTTERFLY VALVE: MDT WITH BURIED SERVICE NUT HOLIDAY FREE	MUELLER PRATT	TO CONFORM TO LATEST AWWA C-504 SPECIFICATIONS. ALL STAINLESS STEEL TRIM CLASS 150B



	COMBINATION AIR A	ND VACUUM VALVES	
1" AND 2"	COMBINATION AIR RELEASE VACUUM	1" CLA-VAL (1-33 AKCX)	EPOXY COATED (CLA-VAL
	VALVE	2" CLA-VAL (2-33 AKCX)	BLUE)ALL STAINLESS STEEL
4" AND 6"	COMBINATION AIR RELEASE VACUUM VALVE	4" APCO (149C) 6" APCO (150C) CLA-VAL	EPOXY COATED -ALL STAINLESS STEEL
	AUTOMATIC CC	NTROL VALVES	
2" AND ABOVE	AUTOMATIC PRESSURE REGULATING VALVE	T	EPOXY COATED (CLA-VAL BLUE)ALL STAINLESS STEEL TRIM FLANGED
	FIRE HYI	DRANTS	
RESIDENTIAL	ONE 4" AND ONE 2-1/2" OUTLETS	CLOW 850	
COMMERCIAL	TWO 4" AND ONE 2-1/2" OUTLETS	CLOW 865	
6" BURY ELL	PUSH-ON X FLANGE (C-900) FLANGE X FALNGE (STEEL & DI)		6 BOLT PATTERN
6" SPOOLS	FLANGE X FLANGE VARYING SIZES		6 BOLT PATTERN NO BREAK-OFF SCORE
6" BREAK-OFF SPOOL	FLANGE X FLANGE		6 BOLT PATTERN BREAK-OFF SCORE

FIRE DETECTOR CHECK ASSEMBLY					
4"-10"	VALVES MUST BE OS&Y - STYLE OF ASSEMBLY CAN VARY PER AREA & APPLICATION	(USC APPROVED ASSEMBLY) - FEBCO, WILKINS, WATTS, OR AMES (3/4" WATER METER MUST BE PURCHASED FROM THE CITY OF ESCONDIDO)	(RPDA) REDUCED PRESSURE DETECTOR ASSEMBLY, (DCDA) DOUBLE CHECK DETECTOR ASSEMBLY ONLY WITH UTILITY APPROVAL		
	METER	BOXES			
3/4" AND 1" METER  1-1/2" AND 2" METER	#4-1/2 POLYMER CONCRETE BOX WITH READER LID #4-1/2 CONCRETE BOX WITH LID #6B POLYMER CONCRETE BOX WITH READER LID #6B CONCRETE BOX WITH READER LID		POLY BOX IN LANDSCAPED AREAS, CONCRETE BOX IN TRAFFIC AREAS  POLY BOX IN LANDSCAPED AREAS, CONCRETE BOX IN TRAFFIC AREAS		
PIPE FITTINGS					
4" AND LARGER	STEEL WELD, FLANGE X FLANGE, FLANGE X PUSH-ON, PUSH-ON X PUSH-ON, MECHANICAL JOINT, RESTRAINED MECHANICAL JOINT	TYLER, STAR (NO PUSH-ON)	ALL STAINLESS STEEL TRIM AND HARDWARE		