

**TABLE OF CONTENTS**

	<u>Page</u>
A. Air and Vacuum Release Valves .....	1
B. Cathodic Protection.....	1
C. Fire Hydrants .....	1
D. Fittings .....	2
E. Miscellaneous .....	2 and 3
F. Pipe.....	3
G. Service Laterals .....	3 and 4
H. Meter Boxes.....	4 and 5
I. Valves .....	5
Legend.....	5

**SWEETWATER AUTHORITY  
APPROVED MATERIALS LIST**

(SEE STANDARD SPECIFICATIONS FOR SPECIFIC REQUIREMENTS)

**A. Air and Vacuum Release Valves**

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
AIR & VACUUM VALVES	CAST-IRON OR DUCTILE-IRON, FIPT OUTLET, 1", 2" AND 4" WITH STAINLESS STEEL TRIM	APCO 143C, 145C, 149C, VAL-MATIC 201C, 202C, 204C CLA-VAL, CRISPIN
AIR VACUUM VALVE ROUND VENT ENCLOSURE	LOW DENSITY POLYETHLENE MATERIAL WITH UV INHIBITORS (COLOR: SANDSTONE)	ARMORCAST, PIPELINE PRODUCTS

**B. Cathodic Protection**

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
ELASTOMERIC CAP	ROYSTON HANDY CAP II, ROYSTON PRIMER 747	ROYSTON
TAPE	POLY-GUARD 600 & 600 PRIMER PROTECTO WRAP 200 & 200 GT POLYKEN TAPE & 927 PRIMER DENZO PETROLATUM WAX TAPE TRENTON TAPE #1 & PRIMER WRAP-TITE PETROLATUM TAPE	POLY-GUARD, PROTECTO WRAP, POLYKEN, DENZO, TRENTON, WRAP-TITE

**C. Fire Hydrants**

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
FIRE HYDRANTS	BRONZE, CAST-IRON, OR DUCTILE-IRON; WET BARREL, 6-HOLE FLANGE, 9-1/2" BHC, 3/4" BOLTS, 1 - 2-1/2" & 1 - 4" HOSE OUTLET. STANDARD INDUSTRIAL LOCATIONS MAY REQUIRE 2 - 2-1/2" WITH 1 - 4" OUTLETS, HYDRANTS TO BE EPOXY-LINED. CAPS SHALL BE BRASS, CAST-IRON, OR DUCTILE-IRON. NO PLASTIC CAPS ON HYDRANT PORTS.	JONES #J-3700, J-3765, J-4040, & J-4060; CLOW 850, 860; AMERICAN AVK 2470 & 2490
PAINT	FIRE HYDRANTS, GATE WELL COVERS	SHERWIN WILLIAMS AQUA CLAD F.H. YELLOW (B55Y700) SAFETY YELLOW (B55Y-700-6403-28209)
SPOOLS, FIRE	DUCTILE-IRON, CEMENT-LINED	SOUTH BAY, CLOW, SIGMA

HYDRANT & BURY ELLS	AND SCORED	
---------------------	------------	--

#### D. Fittings

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
ACCESSORY KITS	MECHANICAL JOINT	STAR, TYLER
COUPLINGS, DEFLECTION	PVC, 6" - 12", CL 200	CERTAINTEED
COUPLINGS, TRANSITION	STEEL, BOLTED; SLIP X SLIP 3/4" - 36". TRANS. AC X CI, AC X WS, CI X WS; CI, AC STANDARD & OD PIPE.	FORD, DRESSER, BAKER, *HYMAX, JCM, ROMAC, CLOW, SMITH-BLAIR, POWERSEAL * Emergency Repairs Only
COUPLINGS	MALLEABLE OR DUCTILE IRON GROOVED-TYPE MECHANICAL	VICTAULIC, GROOVE COCK
COUPLINGS	GROOVE GRIP	GUSTIN-BACON, TYLER
FITTINGS, DUCTILE IRON	AWWA APPROVED C-153 SHORT-SHORT BODY, AWWA APPROVED C-110 FULL-BODY, CEMENT-LINED, ASPHALT SEAL LINED AND COATED,	TYLER, CLOW, UNION, STAR, SIGMA
PIPE RESTRAINER	DUCTILE IRON	ROMAC, STAR, UNIFLANGE, EBAA, SIGMA
SLEEVES, TAPPING OUTLET SAME SIZE OF RUN	STAINLESS STEEL TAPPING	APAC, CLOW, JCM, MUELLER, ROMAC, SMITH-BLAIR, TYLER
SLEEVES, TAPPING OUTLET SMALLER THAN RUN	STAINLESS STEEL TAPPING, STEEL FAB (EPOXY-LINED & COATED)	CLOW, MUELLER, APAC, JCM, ROMAC, BAKER, SMITH-BLAIR, TYLER, FORD

#### E. Miscellaneous

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
ADAPTER, PVC	PVC S X MIPT, SCHEDULE 80 BLOW-OFFS, SCHEDULE 40 RECONNECTS.	LASCO, PACIFIC WESTERN, DURA
BLOW-OFF ASSEMBLY	2" #6109	A.Y. MC DONALD
CLAMPS, REPAIR (PIPE SAVER)	STAINLESS STEEL; FULL SEAL; SINGLE & DOUBLE LUG. SIZES 2" - 18". A.C.; C.I.; AC-CI. SERVICE SEAL W/ 3/4", 1", & 2" IPT OUTLETS	MUELLER, DRESSER, BAKER, JCM, APAC, SMITH-BLAIR, ROMAC, POWERSEAL, FORD, CLOW
CLAMPS, REPAIR	STAINLESS STEEL; SINGLE & DOUBLE LUG. SIZES, 3/4" - 12" FOR STEEL PIPE. O.D. & I.D	FORD, MUELLER, JCM, POWERSEAL, APAC, ROMAC, SMITH-BLAIR, SPEARS, NIBCO, CLOW
DISINFECTION		ANY MANUFACTURER WITH NSF61 APPROVAL

MATERIALS		
GASKET MATERIAL	1/8" THICK, MEET AWWA C207 (NON-ASBESTOS)	AMERICAN RUBBER, CALPICO, TRI-PAC, NEWBY, HOFFMEYER
INSERTS	STAINLESS-STEEL (RECONNECTIONS ONLY)	FORD, JONES, MUELLER
METALLIC TAPE	WARNING ALARM TAPE, MIN 6" WIDE/ 1000 FT. ROLLS	ALARM TAPE, ALLEN SYSTEM, LIVEGARD INC., CAL-PICO
TRACER WIRE	#12 AWG SOLID COPPER UF TYPE WIRE WITH CROSS LINKED POLYETHYLENE INSULATION, WHITE OR YELLOW IN COLOR	COSBERG INDUSTRIES PAIGE, BARON
PIPE, COPPER	COPPER TUBING, TYPE "K", 3/4" & 1" & 1-1/2", & 2" (HARD OR SOFT)	MUELLER, HALSTEAD, CERRO, CAMBRIDGE - LEE
SOLDER, FLUX	LIQUID AND PASTE-TYPE, NON-TOXIC NSF 61 APPROVED	ALL STATE AQUA SAFE 100
SOLDER	LEAD-FREE, SILVER SILICONE 15%	ANY MANUFACTURER WITH NSF61 APPROVAL
WIRE, TRACER CONNECTOR	DIRECT BURY SILICONE-FILLED CAPSULE TUBE WITH STANDARD WIRE NUT OR SILICONE-FILLED WIRE NUT CONNECTIONS FOR TRACER WIRE CONNECTIONS	3M DBR-6 KING 4 KING 5 KING 6

#### F. Pipe

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
PIPE, LUBRICANT	LUBRICANT FOR RUBBER RINGS	RECOMMENDED BY PIPE MANUFACTURER, BLUE-LUBE
PIPE, PVC	PVC, SCHEDULE 80 SERVICE RECONNECTS ONLY	JM EAGLE; CERTAINTEED CORP.; VINYLTECH
PIPE, PVC	MAIN LINE PIPING AWWA SPEC C-900 4" - 12", C-905 (14"-36")	JM EAGLE; CERTAINTEED CORP.; VINYLTECH DIAMOND PIPE; NORTH AMERICAN PIPE CORP.
PIPE, FPVC	FUSIBLE PVC™	UNDERGROUND SOLUTIONS

#### G. Service Laterals

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
ADAPTER	SOLDER X FIPT; SOLDER X MIPT; SIZES 3/4", 1"	MUELLER, CHASE
BRASS FITTINGS	TEES, VALVES, CAPS, UNIONS	LEE BRASS COMPANY, NIBCO, AMCOST
CORPORATION STOPS	BRONZE. SIZES 3/4", 1", 1-1/2", 2", MIPT X MIPT, MIPT X COMP	JONES, FORD, MUELLER, A.Y., McDONALD

COUPLINGS, COPPER	SIZES 3/4" 1", 1-1/2", 2". S X S FITTING.	MUELLER, CHASE, NIBCO, LEE, ECKHART, FORD, A.Y. McDONALD
COUPLINGS, SERVICE	BRONZE. 2 PC, 3 PC, FLAIR NUT FITTING. 3/4" & 1".	JONES, FORD, MUELLER, A.Y. McDONALD
COUPLINGS, SERVICE COMPRESSION	BRONZE, PVC. 3 PC COMP X COMP SIZES 3/4", 1", 1-1/2", 2". COPPER & PVC OR PLASTIC PIPE	BRONZE: DRESSER, MUELLER, A.Y. McDONALD, FORD PVC: PACIFIC WESTERN, FLO CONTROL.
CURB STOP/ANGLE METER STOP	BRONZE W/SWIVEL METER NUT, LOCK WING. 3/4" & 1" COMPRESSION. 1-1/2" & 2" BRONZE, METER FLANGE LOCK WING. COMPRESSION FITTING FOR PVC OR COPPER PIPE	FORD, A.Y. McDONALD, JONES
ELLS, BRONZE	3/4", 1", 1-1/2" & 2" IPT STANDARD	MUELLER, LEE, NIBCO, ELKHART, A.Y. McDONALD, FLAGG
ELLS, SWEAT	COPPER, BRASS, BRONZE; S X S FITTING. 3/4", 1", 1-1/2", & 2"	MUELLER, CAMBRIDGE-LEE, NIBCO, ELKHART, A.Y. McDONALD
ELLS, PVC	SCHEDULE 80 & SCHEDULE 40 RECONNECTIONS	LASCO, PACIFIC WESTERN, DURA, SPEARS, NIBCO
METER BUSHINGS	BRONZE, 1-1/4" X 1"	JONES, FORD, A.Y. MCDONALD
PIPE	COPPER TUBING, TYPE "K", 3/4" & 1" (HARD OR SOFT)	MUELLER, HALSTEAD, CERRO, CAMBRIDGE-LEE
PIPE	COPPER TUBING 1-1/2" & 2", TYPE K (HARD OR SOFT)	NIBCO, ECKHART, FORD, CAMBRIDGE-LEE
SADDLES, SERVICE	BRONZE, FOR C-900 PVC PIPE- IPT OUTLET SIZES: 3/4", 1", 1-1/2", & 2". BOLD STYLE ONLY.	JONES #996, FORD S-91, MUELLER H-13000, A.Y. MCDONALD #3806
SADDLES, SERVICE	BRONZE, FOR C-905 PVC PIPE- IPT OUTLET SIZES: 3/4", 1", 1-1/2", & 2"	JONES #969, FORD #S-912
SADDLES, SERVICE	BRONZE FOR AC PIPE	JONES #979
SADDLES, SERVICE BRONZE, DOUBLE STRAP	FOR AC OR CI PIPE, IPT OUTLET. SIZES: 3/4", 1", 1-1/2", & 2"	JONES, FORD, MUELLER, MCDONALD

## H. Meter Boxes

SIZE & USE	ITEM	PART NUMBER	DIMENSIONS	MANUFACTURER
<b>#3 (REPLACEMENTS ONLY)</b>	METER BOX	P-W3	9" X 14" X 12"	J & R
PEDESTRIAN	METER BOX LID	A6000482SM	9" X 14"	ARMORCAST

TRAFFIC	METER BOX LID	A6000482SMT	9" X 14"	ARMORCAST
#38 (1" LATERALS)	METER BOX	A6001946PC-12	13" X 24" X 12"	ARMORCAST
PEDESTRIAN	METER BOX COVER	A6001866DW	13" X 24" ( 7" X 13" CAVITY)	ARMORCAST
TRAFFIC	METER BOX COVER	A6001969DW	13" X 24" ( 7" X 13" CAVITY)	ARMORCAST
PEDESTRIAN	METER BOX LID	A6000481D	7" X 13"	ARMORCAST
TRAFFIC	METER BOX LID	A6000481TD	7" X 13"	ARMORCAST
#66 (1 1/2" & 2" LATERALS)	METER BOX	A6001640PC-12	17" X 30" 12"	ARMORCAST
PEDESTRIAN	METER BOX COVER	A6001643DY	17" X 30" (9" X 14" CAVITY)	ARMORCAST
TRAFFIC	METER BOX COVER	A6001947TDY	17" X 30" (9" X 14" CAVITY)	ARMORCAST
PEDESTRIAN	METER BOX LID	A6000482SM	9" X 14"	ARMORCAST
TRAFFIC	METER BOX LID	A6000482SMT	9" X 14"	ARMORCAST

*All meter boxes shall be supplied with pick slots; through pick holes are not allowed.  
"SWEETWATER AUTHORITY" shall be stamped on the lid.*

## **I. Valves**

TYPE	DESCRIPTION OF FITTING	MANUFACTURER
GATE VALVE BOX	ABS SCHEDULE 80 SDR 35 PIPE WITH GALVANIZED STEEL INSERT	APACHE, PLASTICS SERVICES, INC., COLBY, J.M., CERTAINTEED, PACIFIC WESTERN
VALVES, BUTTERFLY	AWWA APPROVED C 504 CL 150 B (SEE SECTION 7-3), EPOXY COATED	PRATT, CRISPIN K-FLO, KENNEDY, M & H, CMB
VALVE, CAP	CAST IRON CAP, CAST IRON CAP ADAPTER FOR CONCRETE PLACEMENT	BINGHAM & TAYLOR P.I. ADAPTER, MUELLER
VALVES, CONSUMER	BALL-TYPE, BRONZE, LEVER HANDLE, SWIVEL METER NUT FIPT. 3/4" & 1"	FORD, JONES J-1908, A.Y. McDONALD

VALVES, CONSUMER	BALL-TYPE, LEVER-HANDLE, METER FLANGE, FIPT, 1-1/2" & 2" (BRONZE)	FORD, JONES, A.Y. McDONALD
VALVES, GATE	WHEEL-TYPE	NIBCO, STOCKHAM, HAMMOND
VALVES, RESILIENT WEDGE	AWWA APPROVED C509 WITH LOW ZINC STEM WITH INTERIOR EPOXY-COATED	AMERICAN, CLOW, MUELLER, DRESSER, M & H, KENNEDY, AMERICAN AVK

LEGEND:

S = Sweat Joint

MIPT = Male Iron Pipe Thread

CC = Corporation Thread

COMP = Compression

FIPT = Female Iron Pipe Thread