



Notes:

- Maintain 24" clearance between tap and any coupling, fitting or adjacent tap. Plastic services shall be looped approximately 6" vertically or laterally to provide slack in the line. If the service is installed in the same trench as the sanitary service, the water service shall be installed without splices and the trench section shown applies.
- Backfill shall conform to Std. Plan 501.
- All fittings shall comply with California No-Lead brass requirements.

Dr.	No.	Date	Revision	Appr.	Approved By:	Date	STD PLAN
JP	4	7/09	CHANGED CUSTOMER VALVE		 Lyman Chang City Engineer RCE No. 53149	7/30/18	403
Ch.	5	3/10	REVISED PER AB 1953 REQ'S.				
	6	4/11	REVISED ERT MOUNTING.				
Date	7	7/18	ADDED 1.5" SERVICE OPTION				
7/18							



CITY OF LODI

PUBLIC WORKS DEPARTMENT

WATER SERVICE FOR 3/4" OR 1" METER MATERIAL LIST

Fitting (a.)	Size	Basic Feature	Inlet Connection	Outlet Connection	Manufacturer's Nos.
Saddles 1	1" or 1.5"	For C1-AC & Ductile Iron Pipe Ductile Iron Double Strap Saddle <u>No Single Strap Saddles</u>		IPT	A.Y. McDonald 4826A Smith Blair 313 Romac 202 Other manufacturers with similar designs o.k.
Saddles	1" or 1.5"	For C900 Pipe		IPT	A.Y. McDonald 4836A Romac 101S Mueller H1349
Corp. Stop 2	1" or 1.5"	Plug Style	MIP	Comp	A.Y. McDonald 74704B-22 CTS Or Approved Equal
Service Pipe 3	1" or 1.5"	Tubing			C.T.S. PE 3408 CL 160 with Tracer Wire
Angle Stop 4	1"	Full Port Angle Ball Valve	1" PE	Meter Swivel Nut	A.Y. McDonald 74602B-22 CTS Or Approved Equal
Meter 5	3/4"	Bronze 9" Long w/ Rubber Washer	IPT	IPT	Badger Model 35 Sensus Model SR II-EB Hersey Model 442
Meter 5	1"	Bronze 10 3/4" Long w/ Rubber Washer	IPT	IPT	Badger Model 55 Sensus Model SR II-EB Hersey Model 452
Meter Adaptor 6	3/4" X 1"	Bronze Meter Adaptor	MIPT	FIPT	A.Y. McDonald 710J34 Or Approved Equal
Angle Stop 7	1"	Full Port Angle Ball Valve	1" FIPT	Meter Swivel Nut	A.Y. McDonald 74604B With Handle # 6120B Or Approved Equal
Customer Pipe 8	1"	PVC Sch. 80 Pipe			IPS PVC Sch. 80 per Uniform Plumbing Code

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Fitting (a)	Size	Basic Feature	Inlet Connection	Outlet Connection	Manufacturer's Nos.
Service Box (b) 9	N/A	All lids to read Water	N/A	N/A	Christy FL30 Box 12 (Backyard service easements, rod mounted) Christy FL30D lid (Backyard service easements, rod mounted) Christy N16 Box (All installs unless otherwise approved) Christy FL16D lid (Grass Areas, Flush Fit Driveways, Sidewalks, rod mounted ERT installs) Christy B16-61P lid (3/16" steel checker plate, Driveways, Sidewalk, Lid mounted ERT installs)
ERT (b) 10	N/A	Encoder Receiver Transmitter	N/A	N/A	ITRON 100W pit ERT w/ 1/2"Ø Fiberglass Mounting Rod 24" long. Alternate Register Bracket mount may be used upon approval of Public Works Dept

a. Alternative fittings must be approved by the City Engineer.

b. The standard installation is a N16 box with a composite (FL16D) lid and a fiberglass mounting rod. All other methods require prior approval and are meant to allow for obstructions or other unforeseen installation conditions.

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