



**NOTES:**

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "GREENBOOK", the most current edition and all supplements thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.
2. All threaded pipe and fittings shall be Schedule 80 PVC. Solvent welded pipe and fittings shall be Schedule 40 PVC. Approved teflon based pipe compound shall be used on all threaded connections.
3. Contractor shall install all elements in a single valve box. Align WYE filter to permit periodic insertion of soluble fertilizer tablets.
4. Install valve box to match finished grade in turf areas and paved areas and 25mm (1") above grade in other landscaped areas. Set valve boxes in ground cover/shrub areas where possible. Install in turf or paved areas only if ground cover/shrub areas do not exist. Valve boxes shall be laid out per Dwg. 412 Case 3101.
5. Valve box shall be Christy Fiberlyte FL36 box 17" X 30" or approved equal in landscaped areas and Christy reinforced concrete B36 box in paved areas. Traffic rated steel checker plate cover shall be used in parking areas subject to vehicular traffic. Boxes in roadways shall be H/20 rated minimum. All box covers shall be bolt down type and "IRRIGATION" cast in cover.
6. Close nipples shall not be used. Unions may be integral with valves.
7. Crushed Rock shall cover valve box pipe openings to prevent soil entry.
8. Provide 900mm (36") of excess wire in 25mm (1") diameter coil for each conductor.
9. Water proof connectors shall be Spears or Ewing DS 400 Dri-splice connectors or approved equal.
10. The color of low voltage conductor insulation shall be homogeneous throughout the entire thickness of the insulation. Each RCV shall have a white color #12 min. common grounded (neutral) conductor and a #14 min. THW or THWN control conductor with a unique color for each station. Include one spare conductor to each RCV location. Each conductor shall be identified with adhesive wrap around marker with clear heat shrinkable sleeves sealed over marker. All control wires shall be installed in conduit - **direct burial prohibited**
11. Each valve shall be tagged by the appropriate letters and numbers to identify controller and station number. The labels shall be a minimum of 50mm x 75mm x 3mm (2"x3"x1/8") thick neatly trimmed into rectangular shape. The letters and numbers shall be integrally molded or heat embossed on an ultraviolet light resistant polyurethane tag. The letters and numbers shall be black on yellow polyurethane a minimum of 25mm (1") high.
12. Refer to Irrigation Trench Dwg. 400 Case 3101 for minimum cover, backfill, resurfacing and other requirements.

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**CITY OF SAN LEANDRO \* STANDARD PLANS**

NO.	REVISIONS	DATE	BY	APPROVED  Kenneth Joseph, City Engineer R.C.E. No.34870 Expires 9/30/09
△	Added "Buckner" note Added "Senninger" note Add pressure reg. & "Typ"	10/31/06	AMS	
<b>DRIP REMOTE CONTROL VALVE</b>				
DRAWN	GF/MLWH/BV	CHECKED	KJ/KRC	DATE
				May 2002
				SCALE
				NONE
				SHEET
				1 OF 1
				DWG. NO. <u>424</u> CASE. <u>3101</u>