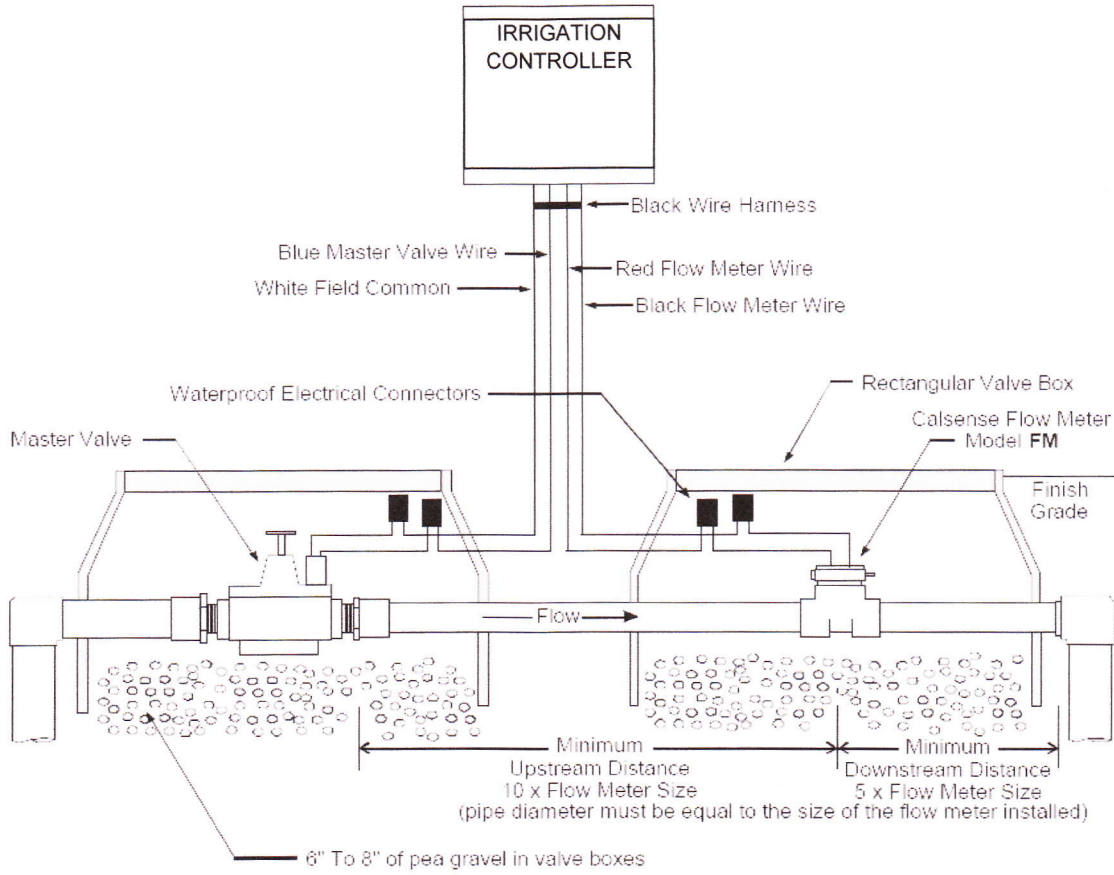


## Flow Meter Installation



**Minimum Upstream and Downstream Distance for Various Flow Meter Sizes**

Flow Meter Size	Minimum Upstream Pipe Length	Minimum Downstream Pipe Length	Pipe Diameter
1"	10'	5'	1"
1.25"	12-12'	6-14'	1-1.4"
1.5"	15'	7-12'	1-1.2"
2"	20'	10'	2"
3"	30'	15'	3"

NOT TO SCALE

- Note:
- 1) Installation of the Master Valve and Flow Meter shall be certified by Manufacturer.
  - 2) The proposed location shall be spotted by the Contractor, with the final location Approved by the Landscape Maintenance Inspector
  - 3) Valve boxes shall be Concrete, with Locking cast iron hinged lids.
  - 4) A 3" Min. Clearance between the valve / flow meter and the inside of the valve box is required.

Approved Date	
P.V.	5/5/08
Revised	Date

**Public Works Department, Forestry and Landscape Division**  
**CITY OF RIVERSIDE**

**CALSENSE TYPICAL FLOW METER & MASTER VALVE**

Detail No.
<b>2007</b>