



| FLOW METER SIZE | MINIMUM UPSTREAM DISTANCE 10 X FLOW METER SIZE | MINIMUM DOWNSTREAM DISTANCE 5 X FLOW METER SIZE |
|-----------------|--|---|
| 1" | 10" | 5" |
| 1.25" | 12.5" | 6.25" |
| 1.5" | 15" | 7.5" |
| 2" | 20" | 10" |
| 3" | 30" | 15" |

- NOTES:
1. THE FLOW METER SHALL BE EASILY ACCESSIBLE, HOUSED IN A RECTANGULAR VALVE BOX, AND MARKED 'FM'. THERE SHOULD BE 6" TO 8" OF PEA GRAVEL BENEATH THE FLOW METER IN THE VALVE BOX.
 2. THE LENGTH OF #14 AWG WIRE CONNECTING THE FLOW METER TO THE IRRIGATION CONTROLLER SHALL NOT EXCEED 1,335 FEET.
 3. ALL WIRE CONNECTIONS SHALL BE WATERPROOF WITH 2 FT. EXPANSION COILS.
 4. ALL WIRES FOR FLOW METER AND MASTER VALVE MUST BE INSTALLED IN 1 1/2" GRAY SCH. 80 PVC CONDUIT FROM THE CONTROLLER TO THE FLOWMETER.
 5. ALL FITTINGS SHALL BE SCHEDULE 80, SOLVENT WELDED PVC.



APPROVED BY: *Kip D. Field* 11/23/09
 CITY ENGINEER DATE
 KIP D. FIELD

CITY OF CORONA

MASTER VALVE/
FLOW METER

| REVISION | DESCRIPTION | BY | DATE |
|----------|-------------|----|------|
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