



**SECTION  
NO SCALE**

1. FINISH GRADE
2. PLASTIC RECTANGULAR VALVE BOX WITH BOLT DOWN COVER, USE STAINLESS BOLT, NUT, AND WASHER. BOX TO BE PLACED AT RIGHT ANGLE TO HARDSCAPE EDGE. HEAT BRAND "FS" ONTO LID
3. WATERPROOF WIRE CONNECTORS
4. FLOW SENSOR (SEE LEGEND AND SPECIFICATIONS)
5. FINISH GRADE (3 INCHES IN SHRUB AREAS AND 1-INCH IN LAWN)
6. PVC MAINLINE PIPE PER SPECIFICATION
7. PVC SCH. 40 FITTINGS - SEE NOTE B
8. LANDSCAPE FABRIC TO COVER OPENING
9. 3/4-INCH CRUSHED ROCK, 1 CU. FT MIN.
10. PVC SCH. 80 PIPE FROM MASTER CONTROL VALVE AND SENSOR (PER SPECS)
11. GRAY SCH. 40 PVC CONDUIT AND SWEEP (1-INCH SIZE) TO CONTROLLER
12. CONTROL WIRE - INSTALL IN CONDUIT BETWEEN FLOW SENSOR AND CONTROLLER / PROVIDE 24-INCH LOOP IN VALVE BOX
13. 10 TIMES PIPE DIA. (MIN.) UPSTREAM FROM SENSOR - NO FITTINGS.
14. 5 TIMES PIPE DIA. (MIN.) DOWNSTREAM FROM SENSOR - NO FITTINGS.
15. BRICK SUPPORTS (4 REQ'D.).

NOTES:

- A. INSTALL FLOW METER AS PER THE MANUFACTURER'S RECOMMENDATIONS, WIRE TO IRRIGATION CONTROLLER.
- B. USE 45 DEGREE ELLS TO ACHIEVE MAINLINE DEPTH ON THE DOWN-STREAM SIDE OF THE FLOW METER.

APPROVED BY:

*Jonathan George Smith*

4/24/15

DIRECTOR OF PUBLIC WORKS  
JONATHAN GEORGE SMITH

DATE



CITY OF MENIFEE

**FLOW SENSOR**

REVISION	BY:	APPROVED	DATE