



NOTES:

1. SENSOR CANNOT BE LOCATED MORE THAN 4000' FROM CONTROLLER.
2. FOR LOCATION PURPOSES KEEP THE SENSOR, SPLICE BOX, AND VALVE BOX IN A STRAIGHT LINE.
3. SCRIBE A LINE ACROSS THE LID OF THE SPLICE BOX TO SHOW THE DIRECTION OF THE SENSOR.
4. USE WATERPROOF WIRE CONNECTORS TO ENSURE ADEQUATE SENSOR FUNCTIONALITY.
5. SELECT A ZONE WIRE WHICH ACTIVATES A SINGLE VALVE.
6. INSTALL THE SENSOR IN A LOCATION WHICH IS THE MOST REPRESENTATIVE OF THE ENTIRE SITE BEING IRRIGATED.

- ① SOIL MOISTURE SENSOR:
RAIN BIRD SMRT-SMS
- ② CABLE FROM SENSOR:
18 GAUGE, DIRECT BURIAL
POLYETHYLENE INSULATED WIRE
- ③ FINISH GRADE
- ④ ROUND VALVE BOX WITH COVER
USED AS JUNCTION BOX:
RAIN BIRD VB-7RND
- ⑤ VALVE BOX WITH COVER:
RAIN BIRD VB-STD
- ⑥ WATERPROOF WIRE CONNECTOR:
RAIN BIRD DB SERIES DB0100
(1 OF 6)
- ⑦ RAIN BIRD REMOTE CONTROL VALVE
- ⑧ WIRES TO CONTROLLER
(LENGTH AS REQUIRED)
- ⑨ VALVE SOLENOID

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SOIL MOISTURE SENSOR

N.T.S.

RAIN BIRD SMRT-Y

7-17-09