SOIL MOISTURE SENSOR
RAIN BIRD SMRT-Y

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
LENGTH AS REQUIRED

8. WIRES TO CONTROLLER

9. VALVE SOLENOID