1. **TWO-WIRE DECODER CONTROLLER:** Rain Bird ESP-LKD

2. **TWO-WIRE CABLE TO ESP-LKD CONTROLLER**

3. **COMMUNICATION WIRE TO ESP-LKD CONTROLLER**

4. **SOLENOID VALVE OR MASTER VALVE (1 OF 4)**

5. **SOLENOID WIRE (1 OF 8)**

6. **DB SERIES WIRE CONNECTOR: Rain Bird DBTWC25 (1 OF 10)**

7. **FIELD DECODER: Rain Bird FD-401TURF M13006 DECODER**

8. **COMMUNICATION WIRE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, OR LSP-1TURF IF MORE THAN 500' BETWEEN DECODERS)**

9. **TWO-WIRE CABLE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, OR LSP-1TURF IF MORE THAN 500' BETWEEN DECODERS)**

10. **GROUNDING ROD: 10 OHMS OR LESS**

**NOTES:**

1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM FIELD DECODER TO SOLENOID IS 450 FEET.

2. FD-401TURF COMES WITH BUILT-IN LSP-1TURF SURGE PROTECTOR. REFER TO LSP-1TURF WIRING DIAGRAM FOR GROUNDING INSTRUCTIONS.