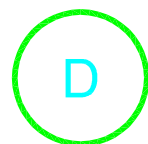


- ① TWO-WIRE DECODER CONTROLLER:  
RAIN BIRD ESP-LXD CONTROLLER
- ② TWO-WIRE TO ESP-LXD CONTROLLER
- ③ COMMUNICATION WIRE TO  
ESP-LXD CONTROLLER
- ④ SOLENOID VALVE OR MASTER VALVE
- ⑤ SOLENOID WIRE (1 OF 2)
- ⑥ DB SERIES WIRE CONNECTOR:  
RAIN BIRD DBTWC25 (1 OF 2)
- ⑦ FIELD DECODER:  
RAIN BIRD FD-101TURF M13011 DECODER
- ⑧ COMMUNICATION WIRE TO NEXT DEVICE  
(FIELD DECODER, SENSOR DECODER  
OR LINE SURGE PROTECTOR)
- ⑨ TWO-WIRE CABLE TO NEXT DEVICE  
(FIELD DECODER, SENSOR DECODER  
OR LINE SURGE PROTECTOR)

NOTE:

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



## FD-101TURF DECODER

N.T.S.

## WIRING TO VALVE AND CONTROLLER

11-29-10