



- ① TWO-WIRE DECODER CONTROLLER:  
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE AND IQ NCC ETHERNET CARTRIDGE IN LXMM METAL CABINET WITH OUTSIDE WALL MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- ② JUNCTION BOX
- ③ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ④ POWER SUPPLY WIRE
- ⑤ 1-INCH CONDUIT AND FITTINGS FOR ETHERNET SERVICE TO IQ CENTRAL CONTROL COMPUTER
- ⑥ ETHERNET CABLE TO LOCAL NETWORK JACK FOR COMMUNICATION TO IQ CENTRAL CONTROL COMPUTER (MAXIMUM LENGTH 300 FEET)
- ⑦ 1-INCH CONDUIT AND FITTINGS FOR COMMUNICATION CABLE TO CLIENT SATELLITE CONTROLLERS
- ⑧ PE-CABLE OR Y-CABLE FOR EXTERNAL RADIO TO CLIENT SATELLITE CONTROLLERS
- ⑨ 2-INCH CONDUIT AND FITTINGS FOR TWO-WIRE CABLE
- ⑩ MAXICABLE TWO-WIRE PATH TO DECODERS  
USE A DIFFERENT CABLE JACKET COLOR FOR EACH PATH

NOTES:

- 1. IQ ESP-LXD CONTROLLER COMES WITH 50 STATIONS AVAILABLE. TWO ADDITIONAL 75 STATION ESPLXD-SUM75 MODULES MAY BE ADDED TO EXPAND THE CONTROLLER UP TO 200 TOTAL STATIONS.
- 2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
- 3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

## IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE

N.T.S.

## AND IQ NCC ETHERNET CARTRIDGE IN METAL CABINET

1-10-11

D