IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER
WITH IQ CONNECTION MODULE
AND IQ NCC ETHERNET CARTRIDGE
IN PLASTIC CABINET

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 PLASTIC CABINET
   WITH 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.