



- ① TWO-WIRE DECODER CONTROLLER:
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE AND IQ NCC WiFi CARTRIDGE IN LXMM METAL CABINET AND LXMPED METAL PEDESTAL. INSTALL CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S RECOMMENDATIONS.
- ② WiFi ANTENNA:
RAIN BIRD IQWFEXTANT WiFi EXTERNAL ANTENNA (FOR USE WITH LXMM METAL CABINET ONLY)
- ③ CONCRETE PAD:
6-INCH MINIMUM THICKNESS
- ④ FINISH GRADE
- ⑤ POWER SUPPLY WIRE
- ⑥ 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR POWER SUPPLY
- ⑦ COMPACTED SUBGRADE
- ⑧ PE-CABLE OR Y-CABLE FOR EXTERNAL RADIO TO CLIENT SATELLITE CONTROLLERS
- ⑨ 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR COMMUNICATION CABLE TO CLIENT SATELLITE CONTROLLERS
- ⑩ 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR TWO-WIRE CABLE
- ⑪ 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. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.
3. OWNER IS RESPONSIBLE FOR PROVIDING WIRELESS INTERNET SERVICE CAPABLE OF INTERFACING WITH NCC WiFi CARTRIDGE. INSTALL CONTROLLER IN A LOCATION TO MAXIMIZE ANTENNA RECEPTION. CONDUCT A SURVEY OF THE SITE TO ASSURE A VIABLE AND CONSISTENT WiFi CONNECTION BEFORE INSTALLING CONTROLLER.

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

AND IQ NCC WiFi CARTRIDGE IN METAL PEDESTAL

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N.T.S.

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