



- ① TWO-WIRE DECODER CONTROLLER:
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ NCC GPRS CARTRIDGE IN LXMM METAL CABINET AND LXMPED METAL PEDESTAL. INSTALL CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S RECOMMENDATIONS.
- ② CELLULAR ANTENNA:
RAIN BIRD IQEXTANGP GPRS/CELLULAR 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 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR TWO WIRE CABLE
- ⑨ 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 CELLULAR SERVICE CAPABLE OF INTERFACING WITH NCC GPRS CARTRIDGE. INSTALL CONTROLLER IN A LOCATION TO MAXIMIZE ANTENNA RECEPTION. CONDUCT A SURVEY OF THE SITE TO ASSURE A VIABLE AND CONSISTENT CELLULAR CONNECTION BEFORE INSTALLING CONTROLLER.

**IQ ESP-LXD SATELLITE
TWO-WIRE DECODER CONTROLLER**

N.T.S.

**WITH IQ NCC GPRS CARTRIDGE
IN METAL PEDESTAL**

1-10-11

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