IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER
WITH IQ CONNECTION MODULE
AND IQ NCC GPRS CARTRIDGE
IN METAL PEDESTAL

1. TWO-WIRE DECODER CONTROLLER:
   RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER
   WITH IQ CONNECTION MODULE AND IQ NCC GPRS CARTRIDGE IN LXMM
   METAL CABINET AND LXMM PEDEDAL. INSTALL CONTROLLER, CABIENET
   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. 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 ESP-LXD-SYM75
   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.