

- 1) TWO-WIRE DECODER CONTROLLER:
  RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER
  CONTROLLER WITH IQ NCC GPRS CARTRIDGE IN LXMM METAL
  CABINET WITH OUTSIDE WALL MOUNT. INSTALL CONTROLLER AND
  CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- 2 CELLULAR ANTENNA: RAIN BIRD IQEXTANGP GPRS/CELLULAR EXTERNAL ANTENNA (FOR USE WITH LXMM METAL CABINET ONLY)
- (3) JUNCTION BOX
- (4) 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- (5) POWER SUPPLY WIRE
- (6) 2-INCH CONDUIT AND FITTINGS FOR TWO-WIRE CABLE
- 7 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.
- 4. 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

1-10-11

N.T.S.

WITH IQ NCC GPRS CARTRIDGE IN METAL CABINET