OUTSIDE WALL

1. TWO-WIRE DECODER CONTROLLER:
   RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE AND IQ NCC RS232 CARTRIDGE IN LXMM METAL CABINET WITH OUTSIDE 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 RS232 SERIAL CABLE TO IQ CENTRAL CONTROL COMPUTER

6. RS232 SERIAL CABLE TO IQ CENTRAL CONTROL COMPUTER (MAXIMUM LENGTH 50 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.
4. USE PE-CABLE WITH SHORT HAUL MODEMS FOR INSTANCES WHERE CONTROLLER IS MORE THAN 50 FEET FROM IQ CENTRAL CONTROL COMPUTER.

IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE AND IQ NCC RS232 CARTRIDGE IN METAL CABINET

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N.T.S.

1-10-11

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