WALL

① TWO—WIRE DECODER CONTROLLER:
    RAIN BIRD IQ ESP—LXD SATELLITE TWO—WIRE DECODER CONTROLLER
    WITH IQ NCC RS232 CARTRIDGE IN PLASTIC CABINET WITH 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 2—INCH CONDUIT AND FITTINGS FOR TWO—WIRE CABLE

⑧ 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.
5. 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

D   N.T.S.   1—10—11

WITH IQ NCC RS232 CARTRIDGE
IN PLASTIC CABINET

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