1. IRRIGATION CONTROLLER:
   RAIN BIRD IQ ESP-LXME SATELLITE CONTROLLER WITH IQ NCC
   GPRS CARTRIDGE IN LXM 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 LXM 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 STATION WIRES

7. WIRES TO REMOTE CONTROL VALVES

NOTES:
1. IQ ESP-LXME CONTROLLER IS AVAILABLE IN 8-, 12-, OR 16-STATION BASE MODELS.
   ADDITIONAL MODULES IN 4-, 8-, AND 16-STATION VERSIONS MAY BE ADDED TO
   BRING THE CONTROLLER UP TO 48 STATIONS MAXIMUM.
2. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS,
   INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER
   VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO
   BE USED IN CONTROLLER.
3. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW
   GRADE CONDITIONS.
4. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF
   10 OHMS OR LESS.
5. 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
   VAILABLE AND CONSISTENT CELLULAR CONNECTION BEFORE INSTALLING CONTROLLER.