1. IRRIGATION CONTROLLER:
RAIN BIRD IQ ESP-LXMIF SATELLITE CONTROLLER WITH FLOW SMART MODULE AND IQ NCC GPRS CARTRIDGE IN LXMIF METAL CABINET AND LXMIF MED METAL PEDESTAL. INSTALL CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S RECOMMENDATIONS.

2. CELLULAR ANTENNA:
RAIN BIRD IQ EXT ANCHOR GPRS/CELLULAR EXTERNAL ANTENNA (FOR USE WITH LXMIF 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. 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR FOR STATION WIRES

9. FLOW SENSOR WIRE (PE 39, 89 OR 54) TO FLOW SENSOR

10. MASTER VALVE AND REMOTE CONTROL VALVE WIRES

NOTES:
1. IQ ESP-LXMIF CONTROLLER IS AVAILABLE IN 8- OR 12-STATION BASE MODELS. ADDITIONAL MODULES IN 4-, 8- AND 12-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. 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.