1. IRCIGATION CONTROLLER:
RAIN BIRD IQ ESP—LXMEF SATELLITE CONTROLLER WITH FLOW
SMART MODULE AND IQ NCC ETHERNET CARTRIDGE IN LXMMP
METAL CABINET AND LXMMPED METAL PEDESTAL. INSTALL
CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S
RECOMMENDATIONS.

2. CONCRETE PAD: 6—INCH MINIMUM THICKNESS

3. FINISH GRADE

4. POWER SUPPLY WIRE

5. 1—INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL TO POWER
SUPPLY

6. COMPACTED SUBGRADE

7. ETHERNET CABLE TO LOCAL NETWORK JACK FOR COMMUNICATION TO
IQ CENTRAL CONTROL COMPUTER (MAXIMUM LENGTH 300 FEET)

8. 1—INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR
ETHERNET SERVICE TO IQ CENTRAL CONTROL COMPUTER

9. 3—INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR
STATION WIRES

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

11. MASTER VALVE AND REMOTE CONTROL VALVE WIRES

NOTES:
1. IQ ESP—LXMEF 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.