



NOTE: TRANSFORMER MAY BE MOUNTED IN A CONTROLLER CABINET OR PEDESTAL OR INSIDE A WEATHER-PROOF STRUCTURE

- ① FLANGE FROM WEATHER STATION POLE
- ② #10 GAUGE GROUND WIRE FROM WEATHER STATION TO GROUNDING GRID
- ③ TWO (2) LONG SWEEP ELBOWS (ONE WITH COMMUNICATION WIRE, HIDDEN).
- ④ WEATHER STATION ANCHOR BOLT (1 OF 3)
- ⑤ CONCRETE PAD FOR WEATHER STATION
- ⑥ 16 VAC POWER CABLE FURNISHED WITH WEATHER STATION. MARKED P/N 9922, 2 CONDUCTOR CABLE WITH BLACK & RED PAIR OF WIRES
- ⑦ TELEPHONE PATCH CABLE FURNISHED WITH WEATHER STATION. MARKED P/N 9661, 2 CONDUCTOR CABLE WITH WHITE (TIP) AND BLACK (RING) PAIR OF WIRES
- ⑧ DBY CONNECTOR (TYPICAL)
- ⑨ FINISH GRADE
- ⑩ VALVE BOX WITH COVER: 18" X 24"
- ⑪ 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- ⑫ BRICK (1 OF 4)
- ⑬ 5/8" DIA. X 8'-0" LONG COPPER CLAD GROUNDING ROD. PART OF THREE ROD GROUNDING GRID.
- ⑭ CONNECT GROUND WIRE TO GROUND ROD USING A BRASS CLAMP
- ⑮ CONNECT WHITE "TIP" TO WHITE "TIP" AND BLACK "RING" TO BLACK "RING" OF TELEPHONE PATCH CABLE FURNISHED AS PART OF THE WEATHER STATION
- ⑯ DIRECT BURIAL PHONE CABLE BY TELEPHONE COMPANY
- ⑰ MGP-1 GROUNDING PLATE ASSEMBLY WITH ONE (1) MSP-1 SURGE ARRESTOR
- ⑱ 16 VAC POWER WIRING FROM TRANSFORMER. CONNECT WIRING TO TRANSFORMER SCREW TERMINALS USING LOCKING FORK SPADE LUGS. CONNECT WIRE FROM TRANSFORMER TO MSP-1 SURGE ARRESTOR.
- ⑲ 12-INCH X 12-INCH ENCLOSURE (NEMA 3)
- ⑳ 120/16 VAC TRANSFORMER
- ㉑ WIRING FROM 120 VAC POWER SUPPLY

Rain Bird Phone Connect
Weather Station

N.T.S.

Installation

2-16-09