

INSTALL A JUMBO VALVE BOX AT GRADE FOR FUTURE ACCESS.

6-1 BARE COPPER GROUND WIRE TO GROUND PLATE 8' (FT) AWAY

BLACK & WHITE PAIR TO BE LEFT FOR SPARE DB SERIES CONNECTOR

POWER WIRE 10/2 UF-B WITH GROUND MAXIMUM DISTANCE FROM WEATHER STATION TO TRANSFORMER SHALL BE 3,250'.

MSP-1 GROUND WIRES (GREEN) - CONNECT TO GROUNDING SCREWS ON MGP-1 GROUNDING PLATE ASSEMBLY.

PANDUIT CX-35 GROUND LUG FOR DRAIN WIRE ON INCOMING COMMUNICATION CABLE. RAIN BIRD CONNECTORS

PAGE ELECTRIC P7195D OR BELDEN 9883 DIRECT BURIAL COMMUNICATION CABLE - FROM CENTRAL COMPUTER. THREE (3) TWISTED PAIR (20 GA.) WITH BARE COPPER DRAIN WIRE AND ALUMINUM SHIELD.  
BLACK (-) & GREEN (+) PAIR TO BE CONNECTED TO THE BLACK & RED WIRES RESPECTIVELY TO THE FIELD END OF ONE OF THE MSP-1 SURGE ARRESTORS.  
RED (+) & BLACK (-) PAIR TO BE CONNECTED TO THE RED & BLACK WIRES RESPECTIVELY TO THE FIELD END OF ONE OF THE MSP-1 SURGE ARRESTORS.

MSP-1 SURGE ARRESTOR MOUNTED IN MGP-1 GROUND PLATE ASSEMBLY.

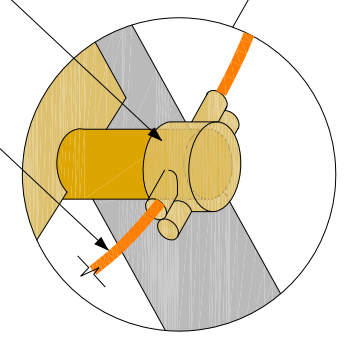
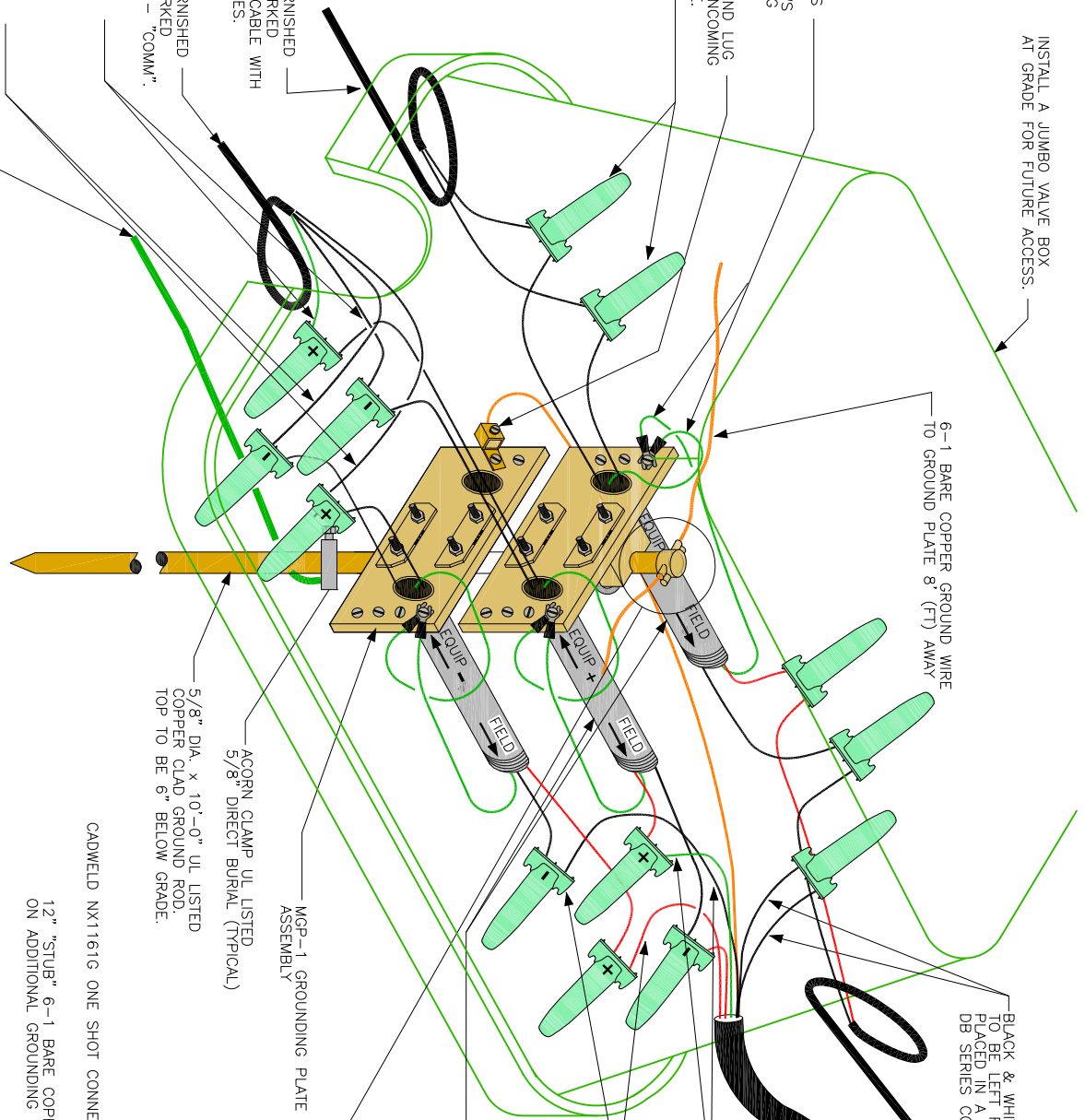
16 VAC POWER CABLE - FURNISHED WITH WEATHER STATION - MARKED P/N 9922 - 2 CONDUCTOR CABLE WITH BLACK AND RED PAIR OF WIRES. (THROUGH 1" SWEEP)

COMMUNICATION CABLE - FURNISHED WITH WEATHER STATION - MARKED P/N 9720 "ET SHORT HAUL" - "COMM". (THROUGH 1" SWEEP)

WHITE (-) & GREEN (+) PAIR TO BE CONNECTED TO THE BLACK & RED WIRES TO THE EQUIPMENT END OF ONE OF THE MSP-1 SURGE ARRESTORS.

RED (+) & BLACK (-) PAIR TO BE CONNECTED TO THE BLACK & RED WIRES TO THE EQUIPMENT END OF ONE OF THE MSP-1 SURGE ARRESTORS.

#10 GAUGE GROUND WIRE - FURNISHED WITH WEATHER STATION - FOR GROUNDING WEATHER STATION AND TOWER LIGHTNING ROD. (THROUGH 1 1/2" SWEEP)



# WEATHER STATION GROUNDING ASSEMBLY

NOT TO SCALE

