



FBO HANGAR GROUND RISER

WORK SHOWN ON THIS SHEET IS FOR BID ALTERNATE NO. 1

- NOTES**
- CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS, EXISTING EQUIPMENT LOCATIONS, AND CONDUIT & GROUND WIRE ROUTING.
 - ALL CONNECTIONS TO GROUND BUS BARS SHALL BE WITH 2 HOLE TONGUE LONG BARREL COMPRESSION LUGS BOLTED TO THE BUS BAR. ALL GROUND CONDUCTORS, TERMINATED ON THE MAIN GROUND BAR, SHALL BE CLEARLY LABELED WITH PERMANENTLY STAMPED/ENGRAVED FIBER IDENTIFICATION TAGS TO INDICATE THEIR FUNCTION AND FAR END TERMINATING POINT AND SHALL BE EQUIPPED WITH BRASS TAGS WITH THE WORDS "DO NOT DISCONNECT" EMBOSSED.
 - GROUNDING ELECTRODE CONDUCTORS, BONDING JUMPERS, & INDIVIDUAL GROUND WIRES SHALL NOT BE INSTALLED IN METAL CONDUIT.
 - ALL CONNECTIONS SHALL BE COATED WITH A CORROSION PREVENTATIVE COMPOUND (SANCHEM INC. NO-OX-ID "A-SPECIAL" OR EQUAL) BEFORE JOINING. ALL COPPER BUS BARS SHALL BE CLEANED PRIOR TO MAKING CONNECTION TO REMOVE SURFACE OXIDATION. CLEAN SURFACES, OF RESPECTIVE DEVICES TO BE BONDED, TO BARE METAL, PER NEC 250-12.
 - ALL CONNECTIONS TO GND RODS AND/OR BELOW GRADE SHALL BE EXOTHERMIC WELD, CADWELD, THERMOWELD, OR ULTRAWELD.
 - INSULATED GROUND WIRES SHALL HAVE GREEN COLORED INSULATION, FOR ALL CONDUCTOR AWG.
 - FURNISH & INSTALL COAXIAL IMPULSE SUPPRESSOR/ARRESTOR FOR THE UNICOM RADIO (123.00 MHz) ANTENNA CABLE. LOCATE AT THE RADIO. COAXIAL IMPULSE SUPPRESSOR SHALL BE INDUSTRIAL COMMUNICATION ENGINEERS, LTD. MODEL 304/N OR APPROVED EQUAL. MOUNT/BOND TO RADIO ROOM GROUND BAR. INSTALL PER MFR. DIRECTIONS. GROUND SHIELD OF COAXIAL CABLE TO GROUND TERMINALS ON SUPPRESSOR.
 - FURNISH & INSTALL COAXIAL IMPULSE SUPPRESSOR/ARRESTOR FOR THE KANSAS CITY CENTER RADIO MONITOR (127.7 MHz) ANTENNA CABLE. LOCATE AT THE RADIO. COAXIAL IMPULSE SUPPRESSOR SHALL BE INDUSTRIAL COMMUNICATION ENGINEERS, LTD. MODEL 304/N OR APPROVED EQUAL. MOUNT/BOND TO RADIO ROOM GROUND BAR. INSTALL PER MFR. DIRECTIONS. GROUND SHIELD OF COAXIAL CABLE TO GROUND TERMINALS ON SUPPRESSOR.
 - REMOVE ABANDONED ANTENNAS & ASSOCIATED CABLE MOUNTED ON THE LIGHT POLE. CONFIRM ABANDONED ANTENNAS WITH AIRPORT MANAGER & FBO PERSONNEL.
 - UPON COMPLETION OF INSTALLATION OF NEW GROUND RODS AT THE APRON LIGHT POLE, REMOVE THE EXISTING GND ROD.
 - WORK SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM AS109200.

MAR 30, 2006 2:27 PM DPE
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DATE	REVISION	BY

MT. VERNON AIRPORT

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HEB Project No. 819-06RWYD	DATE 12/16/05
Filename E-611.DWG	LAYOUT KNL 12/02/05
Scale NONE	DRAWN MV 12/02/05
Date 12/16/05	REVIEWED CAH 12/14/05

HANSON
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RUNWAY 15-33
 P.F.C. OVERLAY
 FBO HANGAR
 GROUND RISER