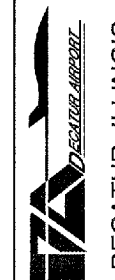


VAULT GROUND RISER

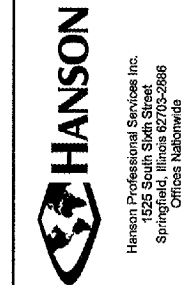
- NOTES
1. CONNECTIONS TO GROUND BUS BARS SHALL BE WITH 2-HOLE TONGUE LONG BARREL COMPRESSION LUGS BOLTED TO THE BUS BAR.
 2. INSULATED GROUND WIRES SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTOR AWG AND KCMIL.
 3. PROVIDE LEGEND PLATE TO IDENTIFY THE VAULT MAIN GROUND BUS. LETTERING SHALL BE 1/2" HIGH, WHITE ON A GREEN BACKGROUND. LEGEND PLATE SHALL BE LABELED "MAIN GROUND BUS".
 4. FURNISH AND INSTALL TAGS IDENTIFYING THE ORIGIN AND/OR FAR END TERMINATION POINT FOR EACH GROUND WIRE LANDED ON THE MAIN GROUND BUS. TAGS FOR GROUND CONNECTIONS SHALL BE GREEN LAMINATED PLASTIC, WITH ENGRAVED WHITE CORES AND LACED TO CONDUCTOR WITH NYLON TIES. LETTERING SHALL BE 3/16" MINIMUM IN HEIGHT. INCLUDE IDENTIFICATION TAGS AS DETAILED ON THE GROUND WIRE IDENTIFICATION SCHEDULE.
 5. FURNISH AND INSTALL BRASS TAGS WITH THE WORDS "DO NOT DISCONNECT" EMBOSSED FOR ALL GROUND WIRES TERMINATED ON THE MAIN GROUND BUS.
 6. ALL WORK SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM AR109200 "INSTALL ELECTRICAL EQUIPMENT" PER LUMP SUM.

GROUND WIRE IDENTIFICATION SCHEDULE	
GROUND WIRE	IDENTIFICATION LABEL
GROUNDING ELECTRODE CONDUCTOR TO GROUND FIELD	GROUND FIELD
GROUNDING ELECTRODE CONDUCTOR TO BUILDING STEEL	BUILDING STEEL
GROUNDING ELECTRODE CONDUCTOR FROM 120/240 VAC, 800 AMP SERVICE DISCONNECT	800 AMP SERVICE DISCONNECT
GROUNDING ELECTRODE CONDUCTOR FROM 120/240 VAC, 200 AMP SERVICE DISCONNECT	200 AMP SERVICE DISCONNECT
GROUNDING ELECTRODE CONDUCTOR FROM 208/120 V SERVICE PANEL CENTER	208/120 V SERVICE PANEL
ENGINE GENERATOR FRAME	ENGINE GENERATOR
DAY TANK	DAY TANK
CONSTANT CURRENT REGULATOR RACK #1 GROUND BAR	CCR GND BAR #1
CONSTANT CURRENT REGULATOR RACK #2 GROUND BAR	CCR GND BAR #2

DATE	REVISION	BY



Proj. No. 807-06TXD.0800	04/22/05
Drawn E-152.DWG	04/25/05
Scale NONE	03/31/06
Date 03/31/06	
LAYOUT KNL	LDP
DRAWN MW	
REVIEWED LDP	



TAXIWAY "C" RECONSTRUCTION
VAULT GROUND RISER