



1/4" THICK x 4" HIGH x 18" LONG COPPER GROUND BUS WITH WALL MOUNTING BRACKETS & INSULATORS, HARGER LIGHTNING PROTECTION INC. CAT. NO. GBI 14418N, OR APPROVED EQUAL. LOCATE IN ENGINE ROOM ON NORTHWEST WALL ADJACENT TO MAIN DISTRIBUTION PANEL.

1/4" THICK BY 2" WIDE COPPER BUS BAR TO REPLACE EXISTING 1/8" THICK BY 3/4" WIDE GROUND BUS. LENGTH TO SPAN BETWEEN STRUT SUPPORT RACK (FULL LENGTH) OF RESPECTIVE CCR ROW, IN REGULATOR ROOM.

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. ALL WORK SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM AR109200 "INSTALL ELECTRICAL EQUIPMENT" PER LUMP SUM.

VAULT GROUND RISER

	BY		REVISION				
	DATE						
 <b>DECATUR, ILLINOIS</b>							
ILL. PROJ.: DEC-3414      A.I.P. PROJ.: 3-17-0033-28							
IRI Project No. 802-04TXD Element E-605.DWG Scale NONE Date XX/XX/XX		LAYOUT KNL 04/22/05 DRAWN MV 04/25/05 REVIEWED CAH 06/02/06					
 <b>HANSON</b> <small>Engineers, Architects, Scientists          1628 South Sixth Street          Springfield, Illinois 62703-2686          Offices Nationwide</small>		TAXIWAY G WIDENING PHASE II VAULT GROUND RISER					
108							
108 of 110 sheets							