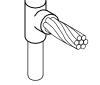
VAULT LEGEND PLATE SCHEDULE			
DEVICE	LABEL		
RUNWAY 13-31 CCR	RUNWAY 13-31		
SPARE RUNWAY 13-31 CCR	SPARE FOR RUNWAY 13-31		
CUTOUT ENCLOSURE FOR RUNWAY 13-31	RUNWAY 13-31 CUTOUTS		
RADIO INTERFACE PANEL FOR RUNWAY 13-31	RUNWAY 13-31		
TAXIWAY CCR	TAXIWAY		
CUTOUT ENCLOSURE FOR TAXIWAY	TAXIWAY CUTOUT		
CUTOUT ENCLOSURE FOR TAXIWAY	CAUTION OPERATE CUTOUTS WITH CCR SHUT OFF		
TAXIWAY CUTOUT INPUT SIDE CONNECTION	INPUT		
TAXIWAY CUTOUT OUTPUT SIDE CONNECTION	OUTPUT		
RADIO INTERFACE PANEL FOR TAXIWAY CCR	TAXIWAY		
LIGHTING CONTACTOR FOR APRON LIGHTING CIRCUIT NO. 1	APRON LTG CKT 1		
LIGHTING CONTACTOR FOR APRON LIGHTING CIRCUIT NO. 2	APRON LTG CKT 2		
HAND-OFF-AUTO SELECTOR SWITCH FOR APRON LIGHTING CIRCUIT 2	APRON LTG CKT 2		
RELAY CONTROL PANEL FOR APRON LIGHTING & TAXIWAY CCR PHOTOCELL CONTROL	RELAY PANEL APRON LIGHTING &		
ADDON LIGHTING CIDCUIT NO. 0	TAXIWAY LIGHTING		
APRON LIGHTING CIRCUIT NO. 2 INTERFACE RELAY	APRON LTG CKT 2 INTERFACE RELAY		
APRON LIGHTING CIRCUIT NO. 2 TIME DELAY RELAY	APRON LTG CKT 2 TIME DELAY RELAY		
TAXIWAY LIGHTING PHOTOCELL/BYPASS RELAY	TXY LTG PHOTOCELL/BYPASS RELAY		

NOTE: LEGEND PLATES SHALL BE WEATHERPROOF ENGRAVED PLASTIC OR PHENOLIC MATERIAL, 1/4" HIGH BLACK LETTERS ON A WHITE BACKGROUND UNLESS NOTED OTHERWISE. SECURE WITH WEATHERPROOF ADHESIVE AND MACHINE SCREWS. FURNISH ADDITIONAL LEGEND PLATES WHERE REQUIRED BY CODE, FOR ADDITIONAL EQUIPMENT, AS DETAILED HEREIN ON THE PLANS, AND AS NOTED IN THE SPECIAL PROVISION SPECIFICATIONS.



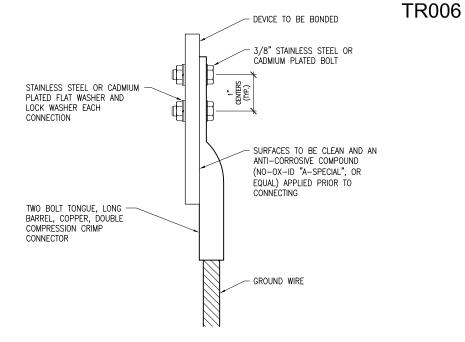


CABLE TO GROUND ROD

DETAIL NOTES

ALL BELOW GRADE CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC WELD TYPE CONNECTIONS. EXOTHERMIC WELDS SHALL BE CADWELD AS MANUFACTURED BY ERICO PRODUCTS, SOLON, OHIO, LUTRAWELD AS MANUFACTURED BY HARGER LIGHTNING PROTECTION & GROUNDING EQUIPMENT, GRAYSLAKE, IL, OR THERMOWELD AS MANUFACTURED BY CONTINENTAL INDUSTRIES, TULSA, OKLAHOMA. VERIFY PROPER SIZES, MOLDS, TYPES, AND REQUIREMENTS FOR THE RESPECTIVE APPLICATION WITH THE MANUFACTURER, AND INSTALL PER THEIR DIRECTIONS.

EXOTHERMIC WELD DETAILS



2 HOLE LONG BARREL COMPRESSION LUG TABLE				
WIRE SIZE	BURNDY CAT. NO.	THOMAS & BETTS CAT. NO.	PENN-UNION CAT. NO.	
#8 AWG STRANDED	YA8C-2TC38	256-30695-1157	BBLU-8D-2TC38	
#6 AWG SOLID	YA8C-2TC38 OR YGA6C-2TC38E2G1			
#6 AWG STRANDED	YA6C-2TC38	256-30695-1158	BBLU-6D-2TC38	
#4 AWG STRANDED	YA4C-2TC38	256-30695-1159	BBLU-4D-2TC38	
#2 AWG STRANDED	YA2C-2TC38	256-30695-1160	BBLU-2D-2TC38	
#2 AWG SOLID	YA3C-2TC38	256-30695-1160	BBLU-3D-2TC38	
#1/0 AWG STRANDED	YA25-2TC38	256-30695-1162	BBLU-1/0D-2TC38	
#2/0 AWG STRANDED	YA26-2TC38	256-30695-1116	BBLU-2/0D-2TC38	
#3/0 AWG STRANDED	YA27-2TC38	54816BE	BBLU-3/0D-2TC38	
#4/0 AWG STRANDED	YA28-2TC38	256-30695-1117	BBLU-4/0D-2TC38	

NOTES

- GROUND WIRE CONNECTIONS TO EQUIPMENT SHALL BE WITH 2 HOLE TONGUE LONG BARREL COMPRESSION LUGS BOLTED TO THE DEVICE OR WITH THE RESPECTIVE EQUIPT MANUFACTURER'S LUG OR TERMINAL WHERE
- GROUNDING ELECTRODE CONDUCTORS, BONDING JUMPERS, & INDIVIDUAL GROUND WIRES SHALL NOT BE INSTALLED IN METAL CONDUIT. WHERE PLASTIC CONDUIT IS USED FOR INDIVIDUAL GROUND WIRES, DO NOT COMPLETELY ENCIRCLE THE CONDUIT WITH FERROUS AND/OR MAGNETIC MATERIALS. WHERE METAL CLAMPS ARE INSTALLED USE NYLON BOLTS, NUTS, WASHERS, & SPACERS TO INTERRUPT A COMPLETE METALLIC PATH FROM ENCIRCLING THE CONDUIT.
- ALL CONNECTIONS SHALL BE COATED WITH A CORROSION PREVENTATIVE COMPOUND (SANCHEM INC. NO-OX-ID "A-SPECIAL", BURNDY PENETROX E, OR EQUAL) BEFORE JOINING. ALL COPPER BUS BARS SHALL BE CLEANED PRIOR TO MAKING CONNECTIONS TO REMOVE SURFACE OXIDATION. CLEAN SURFACES, OF RESPECTIVE DEVICES TO BE BONDED, TO BARE METAL, PER NEC 250-12.

GROUNDING LUG CONNECTION DETAIL

RUNWAY 13-31 CCR	RUNWAY 13-31	
SPARE RUNWAY 13-31 CCR	SPARE FOR RUNWAY 13-31	
CUTOUT ENCLOSURE FOR RUNWAY 13-31	RUNWAY 13-31 CUTOUTS	
RADIO INTERFACE PANEL FOR RUNWAY 13-31	RUNWAY 13-31	
TAXIWAY CCR	TAXIWAY	
CUTOUT ENCLOSURE FOR TAXIWAY	TAXIWAY CUTOUT	
CUTOUT ENCLOSURE FOR TAXIWAY	CAUTION OPERATE CUTOUTS WITH CCR SHUT OFF	
TAXIWAY CUTOUT INPUT SIDE CONNECTION	INPUT	
TAXIWAY CUTOUT OUTPUT SIDE CONNECTION	OUTPUT	
RADIO INTERFACE PANEL FOR TAXIWAY CCR	TAXIWAY	
LIGHTING CONTACTOR FOR APRON LIGHTING CIRCUIT NO. 1	APRON LTG CKT 1	
LIGHTING CONTACTOR FOR APRON LIGHTING CIRCUIT NO. 2	APRON LTG CKT 2	
HAND-OFF-AUTO SELECTOR SWITCH FOR APRON LIGHTING CIRCUIT 2	APRON LTG CKT 2	
RELAY CONTROL PANEL FOR APRON LIGHTING & TAXIWAY CCR PHOTOCELL CONTROL	RELAY PANEL APRON LIGHTING & TAXIWAY LIGHTING	
APRON LIGHTING CIRCUIT NO. 2 INTERFACE RELAY	APRON LTG CKT 2 INTERFACE RELAY	
APRON LIGHTING CIRCUIT NO. 2	APRON	

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HANSON

REPLACE MITL SYS., INSTALL APRON LTS

TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS