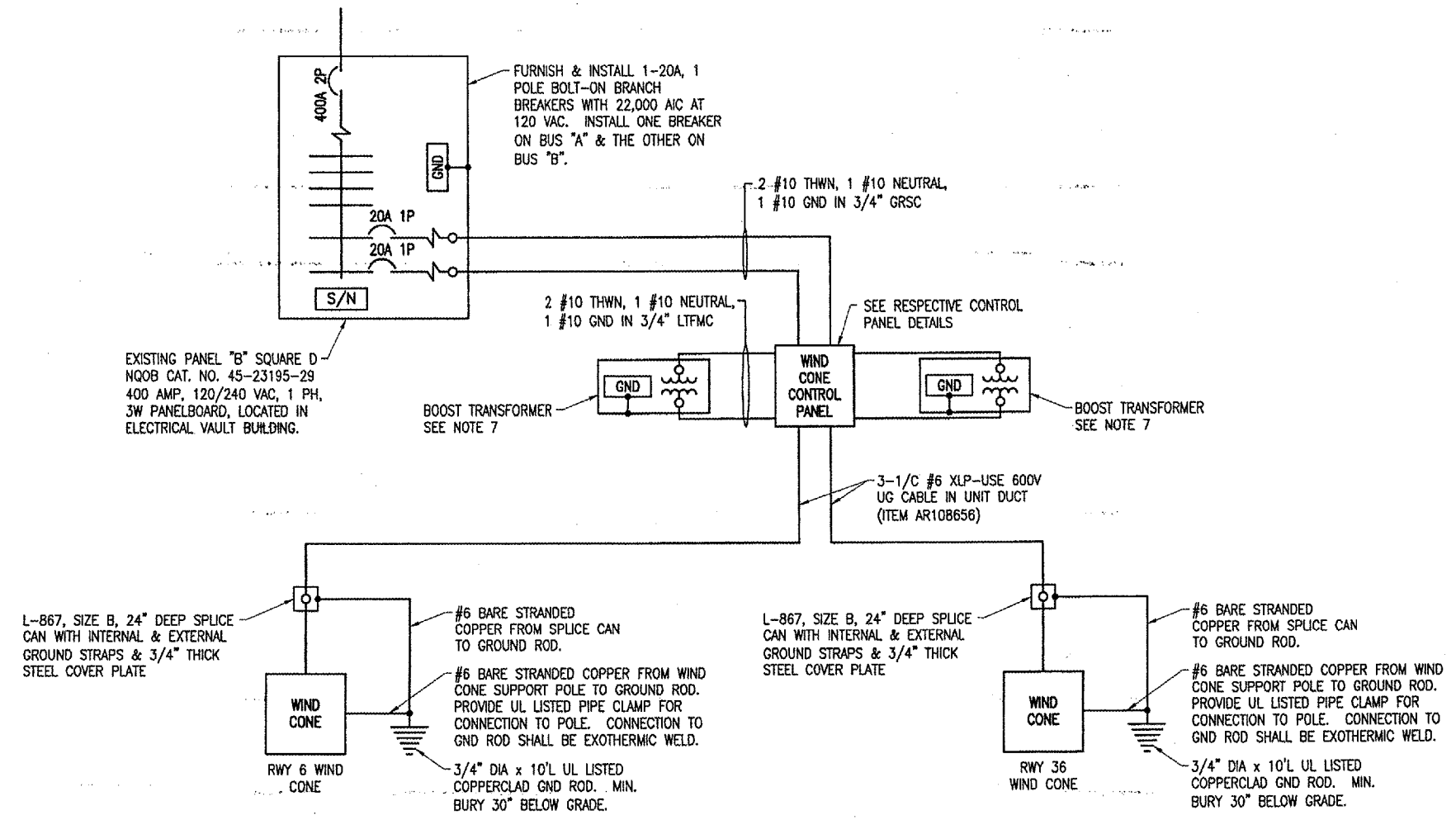


JUN 10, 2005 12:55 PM CCC  
 I:\AIRPORTS\DECATUR\802-04TXD\AIRPORT\SHEETS\CONTRACT-1\E-603.DWG - Work-FLR

DE165



**ELECTRICAL ONE LINE DIAGRAM FOR  
 RUNWAY 6 & RUNWAY 36 WIND CONES**

**ELECTRICAL NOTES**

- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (MOST CURRENT ISSUE IN FORCE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES, AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL COORDINATE ANY POWER OUTAGES TO EXISTING EQUIPMENT WITH THE AIRPORT DIRECTOR, AND THE RESIDENT ENGINEER.
- ALL EQUIPMENT NOT LABELED AS EXISTING IS NEW.
- ALL CONDUCTORS/WIRING SHALL BE COPPER.
- ELECTRICAL POWER & WIND CONE CONTROL WORK FOR RUNWAY 6 & RUNWAY 36 WIND CONES SHALL BE PAID FOR UNDER AR800581 "ELECTRIC POWER FOR RWY 6 & RWY 36 WIND CONES" PER LUMP SUM.
- WIND CONES SHALL BE PAID FOR UNDER AR107408.
- BOOST TRANSFORMER FOR WIND CONE WITH A LOAD OF APPROXIMATELY 3.5 AMPS SHALL BE 250 VA 120 VAC TO 132 VAC UNIT, SQUARE D CAT. NO. 250S43B OR APPROVED EQUAL. BOOST TRANSFORMER FOR A WIND CONE WITH A LOAD OF APPROXIMATELY 7 AMPS SHALL BE 250 VA 120 VAC, 136 VAC UNIT, SQUARE D CAT. NO. 250S46B OR APPROVED UQUAL.
- CABLE IN UNIT DUCT SHALL HAVE COLOR CODED INSULATION AS FOLLOWS:  

120 VAC CIRCUITS	BLACK
PHASE A	RED OR BLACK WITH RED TAPE
PHASE B	WHITE
NEUTRAL	GREEN
GROUND	

DATE	REVISION	BY



HL Project No. 802-04TXD	FILED	04/22/05
Filename E-603.DWG	SCALE	04/25/05
Scale NONE	DATE	06/07/05
Date XX/XX/XX	LAYOUT	KNL
	DRAWN	KV
	REVIEWED	CAH



TAXIWAY G WIDENING  
 PHASE II  
 ELECTRICAL ONE LINE  
 DIAGRAM FOR RUNWAY 6  
 & RUNWAY 36 WIND CONES

IL. PROJ.: DEC-3414  
 A.I.P. PROJ.: 3-17-0033-28