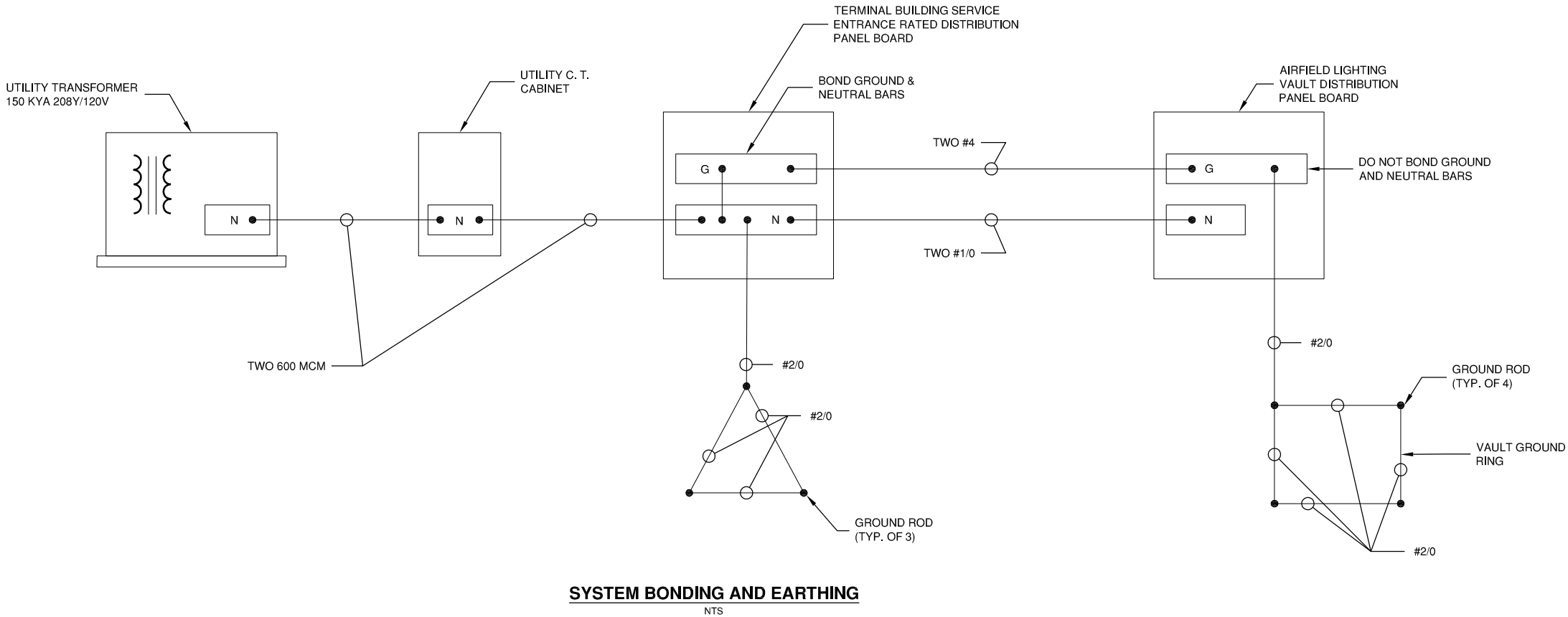


K:\Centralia\110722\Draw\Sheets

PANELBOARD SCHEDULE																			
PANEL DESIGNATION: VAULT LOCATION: VAULT					BOND NEUTRAL AND GROUND BAR: NO NEUTRAL BUS RATING: 100% SERVICE ENTRANCE RATED: NO					POLE: 30 SHORT CIRCUIT RATING: 30KA SERIES OR FULLY RATED: SERIES SPD & DISCONNECT REQUIRED: YES									
VOLTS: 208Y/120V PHASE: 3 WIRE: 4					MOUNTING: SURFACE ENCL RATING: NEMA 1					BUS RATING (AMPS): 400 BUS: COPPER; SILVER OR TIN PLATED MAIN CIRCUIT BREAKER: AMP/POLE 300/3									
CKT NO.	LOAD	BREAKER SIZE	LOAD AMPS	USAGE FACTOR	PHASE AMPS (USAGE)			POLE NO.		PHASE AMPS (USAGE)			USAGE FACTOR	LOAD AMPS	BREAKER SIZE	LOAD	CKT NO.		
					A	B	C			A	B	C							
1	RUNWAY 18/36 REGULATOR 7.5 KW	70/2	51	0.8	40.8			1	2	40.8			0.8	51	70/2	RUNWAY 09/27 REGULATOR 7.5 KW	2		
			51	0.8		40.8		3	4		40.8		0.8	51					
5	TAXIWAY REGULATOR 10 KW	90/2	68	0.8			54.4	5	6			7	1	7	20/2	PAPI 18	6		
			68	0.8	54.4			7	8	7			1	7					
9	WALL HEATER 4.8 KW	30/2	24	1		24		9	10		54.4		0.8	68	90/2	FUTURE TAXIWAY REGULATOR 10 KW	10		
			24	1			24	11	12			54.4	0.8	68					
13	EXHAUST FAN	20/1	4	1	4			13	14	7			1	7	20/2	PAPI 36	14		
15	RECEPTACLES	20/1	16	0.5		8		15	16		7		1	7					
17	PRIMARY WIND CONE	20/1	5	1			5	17	18			4	1	4	20/1	LIGHTS	18		
19	L-854 PILOT CONTROL & L-821 RELAY CAB.	20/1	1.5	1	1.5			19	20	0					20/1		20		
21		20/1				0		21	22		0				20/1		22		
23		20/1					0	23	24			0			20/1		24		
25	SURGE PROTECTIVE DEVICE	15/3			0			25	26	0					20/1		26		
						0		27	28		0				20/1		28		
							0	29	30			0			20/1		30		
SECTION TOTAL:					100.7	72.8	83.4			54.8	102.2	65.4							
MINIMUM MAIN CIRCUIT BREAKER AMPS: 249					PHASE TOTAL AMPS:			A B C			155.5 175 148.8			TOTAL USAGE LOAD: 57516 VA					
					PHASE TOTAL VA:			A B C			18660 21000 17856			MIN. XFMR VA: 71895 VA					
NOTES: 1.) PROVIDE 120 KA SURGE PROTECTIVE DEVICE INSIDE PANELBOARD. 2.) AFTER INSTALLATION OF ALL CIRCUITS, TURN ON ALL CIRCUITS AND PHYSICALLY BALANCE ALL PHASES, MOVING CIRCUITS AS NEEDED. 3.) PROVIDE A TYPED PANELBOARD SCHEDULE (HANDWRITTEN SCHEDULES ARE NOT ACCEPTABLE).																			



FILE: VAULT DETAILS 3.dwg
UPDATE BY: Dale Draughan
PLOT DATE: 5/8/2014 12:31 PM

CE032

REVISIONS		
NUMBER	BY	DATE

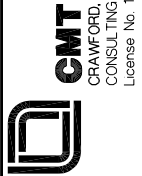
0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34X22).

CITY OF CENTRALIA, ILLINOIS
CENTRALIA MUNICIPAL AIRPORT
CENTRALIA, ILLINOIS

CONSTRUCT NEW ELECTRICAL VAULT; REHABILITATE
MIRLS, PAPI & REILS ON RUNWAY 18/36

MISCELLANEOUS ELECTRICAL DETAILS

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DESIGN BY:	WDP
DRAWN BY:	ADD, DPA
CHECKED BY:	TM
APPROVED BY:	RLV
DATE:	MAY 2, 2014
JOB No:	11072-02
IL PROJ. NO. ENL-4230 PROJ. NO. 3-17-SBGP-XX	
SHEET 29 OF 30 SHEETS	