

CANADIAN SPACE AGENCY - DAVID FLORIDA LAB - SUBS 65A & 65B

EQUIPMENT IDENTIFICATION				ELECTRICAL SPECIFICATIONS							MANUFACTURER INFORMATION			ADDITIONAL INFORMATION		
TAG #	EQUIPMENT TYPE	SUB-TYPE	CSA REFERENCE #	VOLTAGE (V)	CURRENT (A)	RATED VOLTAGE (V)	RATED CURRENT (A)	3W OR 4W	SIZE *	SEE LEGEND	MANUFACTURER	MODEL #	SERIAL #	LOCATION DESCRIPTION	ENCLOSURE REF. TAG #	NOTES
BB-01	BUS BAR			13200										SUBSTATION 65A		
BB-02	BUS BAR			600		600	2500	4W						SUBSTATION 65A		
BB-03	BUS BAR			13200												
BB-04	BUS BAR			600		600	2500									
CB-01	CIRCUIT BREAKER			XX	XX	600	200				SIEMENS	SCJD6	NA	SUB-65A	E9-1-SP	
CB-02	CIRCUIT BREAKER			XX	XX	600	300				SIEMENS	SCJD6	NA	SUB-65A	CHILLER M-1	
CB-03	CIRCUIT BREAKER			XX	XX	600	400				SIEMENS	SCJD6	NA	SUB-65A	CHILLER M-4	
CB-04	CIRCUIT BREAKER			XX	XX											
CB-05	CIRCUIT BREAKER			XX	XX	600	300				SIEMENS	SCJD6	NA	SUB-65A	MCC-2	
CB-06	CIRCUIT BREAKER			XX	XX	600	400				SIEMENS	SCJD6	NA	SUB-65A	MCC-1	
CB-07	CIRCUIT BREAKER			XX	XX	600	1200				MERLIN GERIN	MASTERPACT M12H1	NA	SUB-65A	PANEL E7-1-SP	
CB-08	CIRCUIT BREAKER			XX	XX	600	200				SIEMENS	SCJD6	NA	SUB-65A	BLDG #87	
CB-09	CIRCUIT BREAKER			XX	XX											
CB-10	CIRCUIT BREAKER			XX	XX											
CB-11	CIRCUIT BREAKER			XX	XX	600	200				SIEMENS	SCJD6	NA	SUB-65A	E4-1-ST	
CB-12	CIRCUIT BREAKER			XX	XX	600	600				SIEMENS	SCJD6	NA	SUB-65A	E4-1-SP	
CB-13	CIRCUIT BREAKER			XX	XX											
CB-14	CIRCUIT BREAKER			XX	XX	600	2500				MERLIN GERIN	MASTERPACT M25H1	NA	SUB-65A	SPARE	
CB-15	CIRCUIT BREAKER			XX	XX	600	2000				CUTLER-HAMMER	DS-420	FN6616C35G04	SUB-65B	TIE FEED FOR 65A	
CB-16	CIRCUIT BREAKER			XX	XX											
CB-17	CIRCUIT BREAKER			XX	XX											
CB-18	CIRCUIT BREAKER			XX	XX	600	1600				CUTLER-HAMMER	DS-416C	86F6834-2B	SUB-65B	FEEDER #2 (E10-1-SP)	
CB-19	CIRCUIT BREAKER			XX	XX	600	2500				CUTLER-HAMMER	SPB-100	3A83990G75#3	SUB-65A	MAIN "ATS" BREAKER	
CB-20	CIRCUIT BREAKER			XX	XX	600	2500				CUTLER-HAMMER	SPB-100	3A83990G75#1	SUB-65A	ATS "N" BREAKER	
CB-21	CIRCUIT BREAKER			XX	XX	600	2500				CUTLER-HAMMER	SPB-100	3A83990G75#2	SUB-65A	ATS "E" BREAKER	
CB-22	CIRCUIT BREAKER			XX	XX	15000	1200				WESTINGHOUSE	3776A23G02	91019329	SUB-65B	MAIN BREAKER	
CB-23	CIRCUIT BREAKER			XX	XX	600	4000				CUTLER-HAMMER	DS-840	86F6834-1B	SUB-65B	MAIN BREAKER - 600V	
FU-1	FUSE					15500	125				B&S Ltd.	SRMDD		SUB-65A	TRANSFORMER FEED	
KI-1	KEY INTERLOCK		30067												30067	
KI-2	KEY INTERLOCK		SB24384												SB24384	
LBS-1	LOAD BREAK SWITCH															
LBS-2	LOAD BREAK SWITCH				13200	13800	600				SIEMENS	KLF 15/600-210 Sn	NA	SUB-65A	TIE FROM E-10 (SUB-65B)	
LBS-3	LOAD BREAK SWITCH			13200	XX	13800	600				WESTINGHOUSE	3416A42G14	NA	SUB-65B	TIE TO 65A	
LBS-4	LOAD BREAK SWITCH			13200	XX	13800	600				WESTINGHOUSE	3416A42G14		SUB-65B	FEED FROM BLDG #83	
LBS-5	LOAD BREAK SWITCH			13200	XX	15000	600				SIEMENS	KLF 15/600-210 Sn	NA	SUB-65A	TRANSFORMER FEED	
LA-01	LIGHTNING ARRESTER					XX	XX		XX							
LA-02	LIGHTNING ARRESTER					XX	XX		13200/120V							
TX-1	TRANSFORMER								3000/4000	13200-600/346V	PIONEER		G-9013-1	SUB-65A	65A TRANSFORMER	
TX-2	TRANSFORMER								3000/4000	13200-600/346V	SKYWAY		3666-1	SUB-65B	65B TRANSFORMER	
SG-1	SWITCHGEAR/SWITCHBOARD			600	2500						COMMERCIAL SWITCHGEAR LIMITED	NA	NA	SUB-65A		
SG-2	SWITCHGEAR/SWITCHBOARD			600	600						CUTLER HAMMER	NA	NA	SUB-65B		

LEGEND

FA: FAULT CLOSING  
 MA: MOMENTARY AMPS  
 MMS: MAINTENANCE MANAGEMENT SYSTEM  
 BIL: BASIC IMPULSE LEVEL  
 Z: IMPEDANCE

\* SIZE: kVA FOR TRANSFORMERS  
 WIRE GAUGE FOR CONDUCTORS  
 hp FOR MOTOR STARTERS  
 # OF SECTIONS FOR MCC  
 # OF CELLS FOR SWITCHGEAR

FRAME AND TRIP IN AMPS FOR CIRCUIT BREAKERS  
 CURRENT (A) RATIO FOR CURRENT TRANSFORMERS  
 VOLTAGE (V) RATIO FOR POTENTIAL TRANSFORMERS