CN-2MCC1 300A, 480V 3P, 3W "CLEANROOM – NORMAL POWER"

CIRCUIT NUMBER	LOAD: EQUIPMENT NUMBER	LOAD: NAME PLATE	LOAD: CONN. LOAD HP	LOAD: CONN. F.L. AMPS	LOAD: STANDBY F.L. AMPS	CIRCUIT BREAKER: # OF POLES	CIRCUIT BREAKER: FRAME SIZE	CIRCUIT BREAKER: TRIP	MOTOR CIRCUIT PROTECTOR (MCP) RATING	MOTOR STARTER: NEMA SIZE	MOTOR STARTER: OVERLOAD RELAY	MOTOR STARTER: INDICATOR LIGHT	MOTOR STARTER: AUX CONTACTS NO (N001)	MOTOR STARTER: AUX CONTACTS NC	MOTOR STARTER: CONTROL DEVICES	FEEDER CIRCUIT: FEEDER (AWG)	FEEDER CIRCUIT: GROUND WIRE (AWG)	FEEDER CIRCUIT: CONDUIT SIZE (INCH)	FEEDER CIRCUIT: LENGTH (FEET)	LOCAL SWITCH: DISC. SIZE (AMPS)	LOCAL SWITCH: FUSE AS REQD. (AMPS)	REMARKS
1	PV-CN-3A	PROCESS VAC PUMP	5	7.6		3	100	20	15	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
2	PV-CN-3B	PROC. VAC PUMP (STANDBY)	5	7.6	7.6	3	100	20	15	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
3	EF-CN-11	DI ROOM EF, RM B1-7-2	1	1.8		3	100	15	3	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
4	EF-CN-18	M-G SET EF, RM B1-7-12	3	4.8		3	100	15	7	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
5	AH-CN-15A	CR SUPPORT, SUPPLY FAN	10	14		3	100	40	30	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
6	AH-CN-15B	CR SUPPORT, RETURN FAN	7.5	11		3	100	30	15	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
7	EF-CN-19	TRANSFORMER RM B1-6-51	3	4.8		3	100	15	7	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
8	P-CN-03	PROCESS WATER PUMP	40	52		3	100	100	100	3	SOLID STATE	R-G-A	2	2	H-O-A	4	8	1-1/2		100	UNFUSED	1 DCN CNMS-01
9	P-CN-04	PROCESS WATER PUMP (STANDBY)	40	52	52	3	100	100	100	3	SOLID STATE	R-G-A	2	2	H-O-A	4	8	1-1/2		100	UNFUSED	
10	–	SPARE				3	100	30	15	1	SOLID STATE	R-G-A	2	2	H-O-A					0	UNFUSED	
11	–	SPARE				3	100	30	15	1	SOLID STATE	R-G-A	2	2	H-O-A					0	UNFUSED	
12	P-CN-07	SWHR SYSTEM	3	4.8		3	100	15	7	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
13	P-CN-08	LAB PROCESS WASTE	1	1.8		3	100	15	3	1	SOLID STATE	R-G-A	2	2	H-O-A	12	12	3/4		30	UNFUSED	
14		SPACE																				
15		SPACE																				
16		SPACE																				
17		SPACE																				
18		SPACE																				
19		SPACE																				
20		SPACE																				
21		SPACE																				

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ORNL - CNMS TITLE III

SKETCH TITLE			SKETCH NO.	
CN-2MCCI DETAILS			E-SK-021-8	
DATE ISSUED: 4/17/03	DRAWN BY: TM	CHECKED BY: CWR	DRAWING NO.: E9.13.40	DRAWING REV.: 0
PROJECT NO.: L0230.30	FILE NAME: E-SK-021-8	SCALE: NONE	DCN OR RFI NO.: DCN-CNMS-01	