SUPPLY: [ ] - BOTT. [X] - TOP [ ] - LUGS [ ] -MAIN BKR.

TYPE: [ ] - 3P3W [X] - 3P4W [X] - WITH GRD. BAR

MAINS: 225 A 22000 A.I.C.

1

DCN CNMS-01

PANEL CN-2PPB-1

225 A. MAIN BKR. WITH:

[ ] - LTG. [X] - RECEPT. [ ] -POWER NEMA 1

MOUNTING [X] -SURFACE [ ] - FLUSH [ ] -COLUMN

VOLTAGE: [X] -120 / 208 [ ] -277 / 480 [ ] 480 /

[ ] - SHUNT TRIP [ ] - ADJ. TRIP [ ] -G.F.P.

CKT. NO.	TRIP	NO. OF POLES	USED FOR	COL. #1 VOLT - AMPS A	B	C	COL. #2 VOLT - AMPS A	B	C	USED FOR	NO. OF POLES	TRIP	CKT. NO.
1	20	1	DOOR POWER SUPPLIES	10			0			SPARE	20	1	2
3	20	1	SPARE		0			0		SPARE	20	1	4
5	20	1	SPARE			0			0	SPARE	20	1	6
7	20	1	SPARE	0			0			SPARE	20	1	8
9	20	1	SPARE		0			0		SPARE	20	1	10
11	20	1	SPARE			0			0	SPARE	20	1	12
13	20	1	SPARE	0			1200			B1-6-70to72, RECEPT	20	1	14
15	20	1	SPARE		0			1200		B1-6-70,71,67, RECEPT	20	1	16
17	20	1	SPARE			0			1200	B1-6-72,66,58,59, RECEPT	20	1	18
19	20	1	FCU-CN-01 (.5 HP)	1200			1400			B1-6-72,66,59,60, RECEPT	20	1	20
21	20	1	B1-6-31, RECEPT/COFFEE		1000			1200		B1-6-57,58,15, RECEPT	20	1	22
23	20	1	B1-6-31, RECEPT/COPY			1000			1200	B1-6-57,58,63, RECEPT	20	1	24
25	20	1	B1-6-31, RECEPT/FAX	1000			1200			B1-6-51to54, RECEPT	20	1	26
27	20	1	B1-6-31, RECEPT/COPY		1000			1400		B1-6-50,52,53,YARD, RECEPT	20	1	28
29	20	1	B1-6-33, RECEPT/COM RACK			1000				SPARE	20	1	30
31	20	1	B1-6-33, RECEPT/COM RACK	1000			8400			PANEL CN-2PP1-2	100	3	32
33	20	1	B1-6-33, RECEPT/COM RACK		1000			6000					34
35	20	1	B1-6-33, RECEPT/COM RACK			1000			6000				36
37	100	3	PANEL CN-2PPB-2	10200			4200			PANEL CN-2PP1-1	100	3	38
39					9000			7800					40
41						6600			6600				42

PHASE TOTALS COL. #1	13410	12000	9600
PHASE TOTALS COL. #2	16400	17600	15000
PHASE TOTAL VA	29810	29600	24600

TOTAL 3 PHASE CONNECTED 84 KVA 233 AMPS

CENTER FOR NANOPHASE MATERIALS SCIENCES ORNL - CNMS TITLE III

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SKETCH TITLE			SKETCH NO.	
PANEL CN-2PPB-1 SCHEDULE			E-SK-026-8	
DATE ISSUED	DRAWN BY	CHECKED BY	DRAWING NO.	DRAWING REV.
4/17/03	TM	CWR	E9.23.44	0
PROJECT NO.	FILE NAME	SCALE	DCN OR RFI NO.	
L0230.30	E-SK-026-8	NONE	DCN-CNMS-01	