

KEYED NOTES

GENERAL NOTES

1. FOR SYMBOLS AND GENERAL NOTES, SEE DWG E001

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0	FOR CONSTRUCTION	7/13/01
no.	revisions/submissions	date



Einhorn Yaffee Prescott ARCHITECTURE & ENGINEERING, P.C.

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AGENCY OF THE STATE OF MAINE 800 WATER STREET, PORTLAND, ME 04101

Commтел Data Center  
380 Cumberland Avenue  
Portland, Maine

drawing title: PANELBOARD SCHEDULE

seal	designed by D.F.	project no. 5501001.00
	drawn by I.D.	CAD file no. 2001/ELEC/PLOT/CIL-E505
	checked by SA	drawing no. E505
	date 7/13/01	scale AS NOTED

PANELBOARD: PD01-P8 . VOLTS, PHASE, WIRE: 480-120/208V, 3ø, 4W

LOCATION: DATA CENTER MAINS: 225A

MOUNTING: SURFACE SHORT CIRCUIT RATING: 65,000MVC

CKT	LOAD DESCRIPTION	CONN KVA	WIRE SIZE	CB A-P	PHASE	CB A-P	WIRE SIZE	CONN KVA	LOAD DESCRIPTION	CKT
1	RACK #31	1.92	12	20/1	A	20/1	12	1.92	RACK #32	2
3	RACK #33	1.92	12	20/1	B	20/1	12	1.92	RACK #34	4
5	RACK #35	1.92	12	20/1	C	20/1	12	1.92	RACK #36	6
7	RACK #37	1.92	12	20/1	A	20/1	12	1.92	RACK #38	8
9	RACK #39	1.92	12	20/1	B	20/1	12	1.92	RACK #40	10
11	RACK #41	1.92	12	20/1	C	20/1	12	1.92	RACK #42	12
13	RACK #43	1.92	12	20/1	A	20/1	12	1.92	RACK #44	14
15	RACK #45	1.92	12	20/1	B	20/1	12	1.92	RACK #46	16
17	RACK #47	1.92	12	20/1	C	20/1	12	1.92	RACK #48	18
19	RACK #49	1.92	12	20/1	A	20/1	12	1.92	RACK #50	20
21	RACK #51	1.92	12	20/1	B	20/1	12	1.92	RACK #52	22
23	RACK #53	1.92	12	20/1	C	20/1	12	1.92	RACK #54	24
25	RACK #55	1.92	12	20/1	A	20/1	12	1.92	RACK #56	26
27	RACK #57	1.92	12	20/1	B	20/1	12	1.92	RACK #58	28
29	RACK #59	1.92	12	20/1	C	20/1	12	1.92	RACK #60	30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42

CONNECTED PHASE A: 19.2  
CONNECTED PHASE B: 19.2  
CONNECTED PHASE C: 19.2  
TOTAL CONNECTED KVA: 57.5

DIVERSITY FACTOR(%) 0.5  
DESIGN LOAD: (KVA) 57.9

PANELBOARD: PD08-P8 . VOLTS, PHASE, WIRE: 480-120/208V, 3ø, 4W

LOCATION: DATA CENTER MAINS: 225A

MOUNTING: SURFACE SHORT CIRCUIT RATING: 65,000MVC

CKT	LOAD DESCRIPTION	CONN KVA	WIRE SIZE	CB A-P	PHASE	CB A-P	WIRE SIZE	CONN KVA	LOAD DESCRIPTION	CKT
1	RACK #31	1.92	12	20/1	A	20/1	12	1.92	RACK #32	2
3	RACK #33	1.92	12	20/1	B	20/1	12	1.92	RACK #34	4
5	RACK #35	1.92	12	20/1	C	20/1	12	1.92	RACK #36	6
7	RACK #37	1.92	12	20/1	A	20/1	12	1.92	RACK #38	8
9	RACK #39	1.92	12	20/1	B	20/1	12	1.92	RACK #40	10
11	RACK #41	1.92	12	20/1	C	20/1	12	1.92	RACK #42	12
13	RACK #43	1.92	12	20/1	A	20/1	12	1.92	RACK #44	14
15	RACK #45	1.92	12	20/1	B	20/1	12	1.92	RACK #46	16
17	RACK #47	1.92	12	20/1	C	20/1	12	1.92	RACK #48	18
19	RACK #49	1.92	12	20/1	A	20/1	12	1.92	RACK #50	20
21	RACK #51	1.92	12	20/1	B	20/1	12	1.92	RACK #52	22
23	RACK #53	1.92	12	20/1	C	20/1	12	1.92	RACK #54	24
25	RACK #55	1.92	12	20/1	A	20/1	12	1.92	RACK #56	26
27	RACK #57	1.92	12	20/1	B	20/1	12	1.92	RACK #58	28
29	RACK #59	1.92	12	20/1	C	20/1	12	1.92	RACK #60	30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42

CONNECTED PHASE A: 19.2  
CONNECTED PHASE B: 18.2  
CONNECTED PHASE C: 19.2  
TOTAL CONNECTED KVA: 57.6

DIVERSITY FACTOR(%) 0.5  
DESIGN LOAD: (KVA) 57.8

PANELBOARD: PD01-P8 . VOLTS, PHASE, WIRE: 480-120/208V, 3ø, 4W

LOCATION: DATA CENTER MAINS: 225A

MOUNTING: SURFACE SHORT CIRCUIT RATING: 65,000MVC

CKT	LOAD DESCRIPTION	CONN KVA	WIRE SIZE	CB A-P	PHASE	CB A-P	WIRE SIZE	CONN KVA	LOAD DESCRIPTION	CKT
1	RACK #61	1.92	12	20/1	A	20/1	12	1.92	RACK #62	2
3	RACK #63	1.92	12	20/1	B	20/1	12	1.92	RACK #64	4
5	RACK #65	1.92	12	20/1	C	20/1	12	1.92	RACK #66	6
7	RACK #67	1.92	12	20/1	A	20/1	12	1.92	RACK #68	8
9	RACK #69	1.92	12	20/1	B	20/1	12	1.92	RACK #70	10
11	RACK #71	1.92	12	20/1	C	20/1	12	1.92	RACK #72	12
13	RACK #73	1.92	12	20/1	A	20/1	12	1.92	RACK #74	14
15	RACK #75	1.92	12	20/1	B	20/1	12	1.92	RACK #76	16
17	RACK #77	1.92	12	20/1	C	20/1	12	1.92	RACK #78	18
19	RACK #79	1.92	12	20/1	A	20/1	12	1.92	RACK #80	20
21	RACK #81	1.92	12	20/1	B	20/1	12	1.92	RACK #82	22
23	RACK #83	1.92	12	20/1	C	20/1	12	1.92	RACK #84	24
25	RACK #85	1.92	12	20/1	A	20/1	12	1.92	RACK #86	26
27	RACK #87	1.92	12	20/1	B	20/1	12	1.92	RACK #88	28
29	RACK #89	1.92	12	20/1	C	20/1	12	1.92	RACK #90	30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42

CONNECTED PHASE A: 19.2  
CONNECTED PHASE B: 19.2  
CONNECTED PHASE C: 19.2  
TOTAL CONNECTED KVA: 57.0

DIVERSITY FACTOR(%) 0.5  
DESIGN LOAD: (KVA) 57.9

PANELBOARD: PD08-P8 . VOLTS, PHASE, WIRE: 480-120/208V, 3ø, 4W

LOCATION: DATA CENTER MAINS: 225A

MOUNTING: SURFACE SHORT CIRCUIT RATING: 65,000MVC

CKT	LOAD DESCRIPTION	CONN KVA	WIRE SIZE	CB A-P	PHASE	CB A-P	WIRE SIZE	CONN KVA	LOAD DESCRIPTION	CKT
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3	RACK #63	1.92	12	20/1	B	20/1	12	1.92	RACK #64	4
5	RACK #65	1.92	12	20/1	C	20/1	12	1.92	RACK #66	6
7	RACK #67	1.92	12	20/1	A	20/1	12	1.92	RACK #68	8
9	RACK #69	1.92	12	20/1	B	20/1	12	1.92	RACK #70	10
11	RACK #71	1.92	12	20/1	C	20/1	12	1.92	RACK #72	12
13	RACK #73	1.92	12	20/1	A	20/1	12	1.92	RACK #74	14
15	RACK #75	1.92	12	20/1	B	20/1	12	1.92	RACK #76	16
17	RACK #77	1.92	12	20/1	C	20/1	12	1.92	RACK #78	18
19	RACK #79	1.92	12	20/1	A	20/1	12	1.92	RACK #80	20
21	RACK #81	1.92	12	20/1	B	20/1	12	1.92	RACK #82	22
23	RACK #83	1.92	12	20/1	C	20/1	12	1.92	RACK #84	24
25	RACK #85	1.92	12	20/1	A	20/1	12	1.92	RACK #86	26
27	RACK #87	1.92	12	20/1	B	20/1	12	1.92	RACK #88	28
29	RACK #89	1.92	12	20/1	C	20/1	12	1.92	RACK #90	30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42

CONNECTED PHASE A: 18.2  
CONNECTED PHASE B: 19.2  
CONNECTED PHASE C: 19.2  
TOTAL CONNECTED KVA: 57.6

DIVERSITY FACTOR(%) 0.5  
DESIGN LOAD: (KVA) 57.9