

**DISTRIBUTION PANEL SCHEDULE** MDP

VOLTAGE: 480Y/277V, 3Ø, 4W MAIN DEVICE: CIRCUIT BREAKER  
 AMP RATING: 1000 AMP ENCLOSURE: SURFACE NEMA 1

No.	DESIGNATION	DEVICE	TRIP	FEEDER	REMARKS
1	PANEL H1	CKT. BKR.	100/3	4#2, 1#8 GR, 1-1/2°C	
2	PANEL H2	CKT. BKR.	400/3	4-500 MCM, 1#3 GR, 3-1/2°C	
3	PANEL H3	CKT. BKR.	300/3	4-350 MCM, 1#4 GR, 3°C	
4	TRANS. T1	CKT. BKR.	125/3	3#1, 1#6 GR, 1-1/2°C	
5	BAKE OUT	CKT. BKR.	100/3	3#2, 1#8 GR, 1-1/2°C	
6	480V. REC.	CKT. BKR.	30/3	4#10, 1#10 GR, 3/4°C	
7	480V. REC.	CKT. BKR.	30/3	4#10, 1#10 GR, 3/4°C	
8	480V. REC.	CKT. BKR.	30/3	4#10, 1#10 GR, 3/4°C	
9	CRANE	CKT. BKR.	60/3	3#6, 1#10 GR, 1°C	
10	TREATMENT PLANT	CKT. BKR.	30/3	3#10, 1#10 GR, 1°C	
11	ACU 1	CKT. BKR.	100/3	3#4, 1-1/4°C	HACR RATED
12	REHEAT 5	CKT. BKR.	125/3	3#1, 1-1/4°C	HACR RATED
13	PANEL H3A	CKT. BKR.	225/3	4-4/0, 1#4 GR, 2-1/2°C	
14	REHEAT 4	CKT. BKR.	45/3	3#8, 3/4°C	HACR RATED
15	SPARE	CKT. BKR.	100/3	-	
16	SPACE ONLY	CKT. BKR.	100/3	-	
17	SPACE ONLY	CKT. BKR.	100/3	-	

INTERRUPTING RATING: - 18 KAIG MIN.

PANEL: H1 MAIN: LUGS ONLY RATING: 100AMP  
 VOLTAGE: 480Y/277V 3Ø, 4W LOCATION: ROOM 107  
 CONNECTED LOAD: MOUNTING: SURFACE

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	LIGHTING	1/2	12	20	20	12	1/2	LIGHTING	2
3	"	"	"	"	"	"	"	"	4
5	LIGHTING	1/2	12	20	"	"	"	"	6
7	LIGHTING	1/2	12	20	30	10	1/2	CW PUMP	8
9	SPARE	-	-	20	"	"	"	"	10
11	"	-	-	"	"	"	"	"	12
13	"	-	-	"	"	"	"	SPACE ONLY	14
15	"	-	-	"	"	"	"	"	16
17	SPACE ONLY	-	-	"	"	"	"	"	18
19	"	-	-	"	"	"	"	"	20
21	"	-	-	"	"	"	"	"	22
23	"	-	-	"	"	"	"	"	24

NOTES: 18 KAIG MIN.

PANEL: L1 MAIN: CIRCUIT BREAKER RATING: 250AMP  
 VOLTAGE: 208Y/120V 3Ø, 4W LOCATION: ROOM 107  
 CONNECTED LOAD: MOUNTING: SURFACE

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	PANEL L1A	2"	1/0	150	150	1/0	2"	PANEL L1B	2
3	"	"	"	"	"	"	"	"	4
5	"	"	"	"	"	"	"	"	6
7	RECEPTACLES	1/2	12	20	20	12	1/2	RECEPTACLES	8
9	"	"	"	"	"	"	"	"	10
11	EXT. RECEPTACLES	1/2	12	20	"	"	"	"	12
13	RECEPTACLES	1/2	12	20	"	"	"	SPACE ONLY	14
15	"	"	"	"	"	"	"	"	16
17	"	"	"	"	"	"	"	"	18
19	SPARE	-	-	20	"	"	"	"	20
21	"	-	-	"	"	"	"	"	22
23	"	-	-	"	"	"	"	"	24

NOTES: 10 KAIG MIN.

PANEL: L1A MAIN: LUGS ONLY RATING: 225AMP  
 VOLTAGE: 208Y/120V, 3Ø, 4W LOCATION: FOYER 100  
 CONNECTED LOAD: MOUNTING: FLUSH

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	3 PHASE OUTLET	1/2	12	20	"	"	"	SPACE ONLY-EQUIPPED	2
3	"	"	"	"	"	"	"	"	4
5	"	"	"	"	"	"	"	"	6
7	JUNCT. BOX (FUT. USE)	1/2	12	20	20	12	1/2	JUNCT. BOX (FUT. USE)	8
9	"	"	"	"	"	"	"	"	10
11	"	"	"	"	"	"	"	"	12
13	JUNCT. BOX (FUT. USE)	1/2	12	20	20	12	1/2	JUNCT. BOX (FUT. USE)	14
15	"	"	"	"	"	"	"	"	16
17	"	"	"	"	"	"	"	"	18
19	SPARE	-	-	20	20	12	1/2	RECEPTACLES	20
21	RECEPTACLES	1/2	12	20	"	"	"	"	22
23	"	"	"	"	"	"	"	"	24
25	RECEPTACLES	1/2	12	20	20	-	-	SPARE	26
27	EWC	"	"	"	"	"	"	"	28
29	SPARE	-	-	20	"	"	"	"	30
31	"	-	-	"	"	"	"	"	32
33	SPACE ONLY	-	-	"	"	"	"	SPACE ONLY	34
35	"	-	-	"	"	"	"	"	36
37	"	-	-	"	"	"	"	"	38
39	"	-	-	"	"	"	"	"	40
41	"	-	-	"	"	"	"	"	42

NOTES: 10 KAIG MIN.

PANEL: L1B MAIN: LUGS ONLY RATING: 225AMP  
 VOLTAGE: 208Y/120V, 3Ø, 4W LOCATION: OPEN LAB 200  
 CONNECTED LOAD: MOUNTING: SURFACE

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	WALL RECEPT	1/2	12	20	20	12	1/2	JUNCT. BOX (FUT. USE)	2
3	COMM. BACKBOARD	"	"	"	"	"	"	"	4
5	JUNCT. BOX (FUT. USE)	1/2	12	20	"	"	"	"	6
7	"	"	"	"	20	12	1/2	JUNCT. BOX (FUT. USE)	8
9	"	"	"	"	"	"	"	"	10
11	JUNCT. BOX (FUT. USE)	1/2	12	20	"	"	"	"	12
13	"	"	"	"	20	12	1/2	JUNCT. BOX (FUT. USE)	14
15	"	"	"	"	"	"	"	"	16
17	JUNCT. BOX (FUT. USE)	1/2	12	20	20	12	1/2	JUNCT. BOX (FUT. USE)	18
19	"	"	"	"	20	12	1/2	JUNCT. BOX (FUT. USE)	20
21	"	"	"	"	"	"	"	"	22
23	JUNCT. BOX (FUT. USE)	1/2	12	20	"	"	"	"	24
25	"	"	"	"	20	-	-	SPARE	26
27	"	"	"	"	"	"	"	"	28
29	SPARE	-	-	20	"	"	"	"	30
31	"	-	-	"	"	"	"	"	32
33	"	-	-	"	"	"	"	"	34
35	WATER HEATER 1	1/2	10	30	"	"	"	SPACE ONLY	36
37	"	"	"	"	"	"	"	"	38
39	SPACE ONLY	-	-	"	"	"	"	"	40
41	"	-	-	"	"	"	"	"	42

NOTES: 10 KAIG MIN.

PANEL: H3 MAIN: LUGS ONLY RATING: 400AMP  
 VOLTAGE: 480Y/277V, 3Ø, 4W LOCATION: STORAGE 118  
 CONNECTED LOAD: MOUNTING: SURFACE

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	SPARE	-	-	30	125	1	1-1/4"	TRANSFORMER T3	2
3	"	-	-	"	"	"	"	"	4
5	"	-	-	"	"	"	"	"	6
7	LIGHTING	1/2	12	20	100	4	1"	ACU 2 (1)	8
9	"	"	"	"	"	"	"	"	10
11	LIGHTING	1/2	12	20	"	"	"	"	12
13	TRACK LIGHTING	1/2	12	20	100	-	-	SPACE ONLY-EQUIPPED	14
15	EXTERIOR LIGHTING	1/2	12	20	"	"	"	"	16
17	"	"	"	"	"	"	"	"	18
19	LOBBY LIGHTING	1/2	12	20	"	"	"	SPACE ONLY	20
21	SPARE	-	-	20	"	"	"	"	22
23	"	-	-	"	"	"	"	"	24
25	"	-	-	"	"	"	"	"	26
27	"	-	-	"	"	"	"	"	28
29	"	-	-	"	"	"	"	"	30

NOTES: (1) HACR RATED 10 KAIG MIN.

PANEL: H3A MAIN: LUGS ONLY RATING: 225 AMP  
 VOLTAGE: 480Y/277V, 3Ø, 4W LOCATION: OPEN OFFICE 204  
 CONNECTED LOAD: MOUNTING: FLUSH

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	LIGHTING	1/2	12	20	50	8	3/4	TRANSFORMER T3A	2
3	"	"	"	"	"	"	"	"	4
5	"	"	"	"	"	"	"	"	6
7	REHEAT 1 (1)	1/2	12	20	35	8	3/4	REHEAT 2 (1)	8
9	"	"	"	"	"	"	"	"	10
11	"	"	"	"	"	"	"	"	12
13	REHEAT 3 (1)	3/4	8	35	75	6	1	ACU 3 (1)	14
15	"	"	"	"	"	"	"	"	16
17	"	"	"	"	"	"	"	"	18
19	SPARE	-	-	30	"	"	"	SPACE ONLY	20
21	"	-	-	"	"	"	"	"	22
23	"	-	-	"	"	"	"	"	24
25	SPARE	-	-	20	"	"	"	"	26
27	"	-	-	"	"	"	"	"	28
29	"	-	-	"	"	"	"	"	30

NOTES: (1) HACR RATED BREAKER 10 KAIG MIN.

PANEL: L3 MAIN: CIRCUIT BREAKER RATING: 225AMP  
 VOLTAGE: 208Y/120V, 3Ø, 4W LOCATION: STORAGE 118  
 CONNECTED LOAD: MOUNTING: SURFACE

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	DIMMER RACK	-	-	-	-	-	-	SPACE ONLY-EQUIPPED	2
3	"	"	"	"	"	"	"	"	4
5	"	"	"	"	"	"	"	"	6
7	FLOOR BOXES	1/2	12	20	20	12	1/2	RECEPTACLES	8
9	"	"	"	"	"	"	"	"	10
11	"	"	"	"	"	"	"	"	12
13	RECEPTACLES	1/2	12	20	20	12	1/2	RECEPTACLE	14
15	"	"	"	"	20	12	1/2	LOBBY TRACK LTG.	16
17	SCREEN	1/2	12	20	"	"	"	"	18
19	FIRE ALARM PANEL	1/2	12	20	"	"	"	"	20
21	LOBBY RECEPTACLES	1/2	12	20	20	12	1/2	LOBBY TRACK LTG.	22
23	"	"	"	"	"	"	"	"	24
25	"	"	"	"	"	"	"	"	26
27	PROJECTOR	1/2	12	20	20	12	1/2	LOBBY TRACK LTG.	28
29	"	"	"	"	"	"	"	"	30
31	"	"	"	"	"	"	"	"	32
33	RECEPTACLES	1/2	12	20	20	12	1/2	RECEPTACLES	34
35	"	"	"	"	"	"	"	"	36
37	RECEPTACLES	1/2	12	20	"	"	"	"	38
39	"	"	"	"	"	"	"	"	40
41	WATER HEATER 2	1/2	12	20	30	10	1/2	HAND DRYERS	42
43	"	"	"	"	"	"	"	"	44
45	SPARE	-	-	20	30	10	1/2	HAND DRYERS	46
47	"	-	-	"	"	"	"	"	48
49	EWC	1/2	12	20	"	"	"	SPACE ONLY	50
51	SPACE ONLY	-	-	"	"	"	"	"	52
53	"	-	-	"	"	"	"	"	54
55	"	-	-	"	"	"	"	"	56
57	"	-	-	"	"	"	"	"	58
59	"	-	-	"	"	"	"	"	60

NOTES: 10 KAIG MIN.

PANEL: L3A MAIN: CIRCUIT BREAKER RATING: 100AMP  
 VOLTAGE: 208Y/120V, 3Ø, 4W LOCATION: OPEN OFFICE 204  
 CONNECTED LOAD: MOUNTING: FLUSH

CKT No	DESCRIPTION	COND	WIRE SIZE	TRIP AMP	TRIP AMP	WIRE SIZE	COND	DESCRIPTION	CKT No
1	WALL RECEPT	1/2	12	20	20	12	1/2	TR RECEPT.	2
3	"	"	"	"	"	"	"	BREAKROOM	4
5	COMM. BACKBOARD	"	"	"	"	"	"	"	6
7	WALL RECEPT	1/2	12	20	20	12	1/2	WALL RECEPT	8
9	BREAKROOM	"	"	"	20	-	-	SPARE	10
11	"	"	"	"	"	"	"	"	12
13	FLOOR DUCT (FUT. USE)	-	-	-	"	"	"	FLOOR DUCT (FUT. USE)	14
15	"	-	-	"	"	"	"	"	16
17	"	-	-	"	"	"	"	"	18
19	"	-	-	"	"	"	"	"	20
21	"	-	-	"	"	"	"	"	22
23	"	-	-	"	"	"	"	"	24
25	"	-	-	"	"	"	"	"	26
27	"	-	-	"	"	"	"	"	28
29	"	-	-	"	"	"	"	"	30

NOTES: 10 KAIG MIN.

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