

Panel Wiring Schedule (3-Phase)

Panel/Panel Type	MCP SECTION 1	208Y/120	Phase 3	Options/Notes	EXISTING							
NECA Type	EXISTING	MOUNTING SURFACE	Wire Size 250A	A/C Rating	EXISTING							
CKT No.	Zone	Load Description	Bkr Size	Bkr Opts	N.E.C. kVA	Phase	N.E.C. kVA	Bkr Size	Bkr Opts	Load Description	Zone	CKT No.
1		SALES LIGHTING	1140		1140	A	1460			BOH LIGHTING	AA	2
3	SECTION 2 MDP	SALES LIGHTING	1080		1080	B	1080			BOH LIGHTING	BB	4
5		SALES LIGHTING	1200		1200	C	1400			BOH LIGHTING	CC	6
7		SALES LIGHTING	1140		1140	A	1420			BOH LIGHTING	DD	8
9	SECTION 3 MDP	SALES LIGHTING	1560		1560	B	1560		LO	SALES IEMNL LTG	Z	10
11		SALES LIGHTING	1500		1500	C	1600		LO	BOH LIGHTING	Y	12
13		SALES LIGHTING	1560		1560	A	1000			SPARE		14
15		SALES LIGHTING	1500		1500	B	1000			SPARE		16
17		SALES LIGHTING	1560		1560	C	1600			BOH LIGHTING	EE	18
19		SALES LIGHTING	1500		1500	A	1350			RESTROOMS	FF	20
21		SALES LIGHTING	1080		1080	B	1340			BOH LIGHTING	JJ	22
23		SALES LIGHTING	1080		1080	C	1460			BOH LIGHTING	KK	24
25		SALES LIGHTING	0300		0300	A	0600			BOH LIGHTING	LL	26
27		VESTIBULE LIGHTING	0330		0330	B	0660			BOH LIGHTING	MM	28
29		EXTERIOR WALL PACKS (EXI)	1800		1800	C	1000			SPARE		30
31		SALES LIGHTING	0300		0300	A	0300			SPARE		32
33		SALES LIGHTING	0540		0540	B	0500			SPARE		34
35		CANOPY LIGHTS	1000		1000	C	1000			SPARE		36
37		SPARE	0000		0000	A	1800	151		TRACK LIGHTING	N	38
39		SPARE	0000		0000	B	1800	151		TRACK LIGHTING	O	40
41		SPARE	0000		0000	C	1800	151		TRACK LIGHTING	P	42

Notes:

- All circuit breakers to be 20-Amp, 1-Pole unless otherwise noted
- All Phases to be balanced to within 10% using Actual Load Totals

Breaker Options:

AS PowerLink AS Breaker
 LO Handle lock on device
 ST Shunt Trip Type
 N.E.C. Connected Totals: Ph.A 101.154 kVA
 N.E.C. Connected Totals: Ph.B 99.008 kVA
 N.E.C. Connected Totals: Ph.C 102.208 kVA
 Total 302.430 kVA

HACR Heating, A/C & Refrigeration
 SF Subfeed
 AFCI Arc Fault Circuit Interrupter

E Existing Circuit to remain
 IG Isolated Ground Circuit

Panel Wiring Schedule (3-Phase)

Panel/Panel Type	MCP SECTION 2	208Y/120	Phase 3	Options/Notes	EXISTING							
NECA Type	EXISTING	MOUNTING SURFACE	Wire Size 250A	A/C Rating	EXISTING							
CKT No.	Zone	Load Description	Bkr Size	Bkr Opts	N.E.C. kVA	Phase	N.E.C. kVA	Bkr Size	Bkr Opts	Load Description	Zone	CKT No.
1		CASH DESK	22420		22420	A	0000			UNUSABLE		2
3	RTU 1 & 2	CASH DESK	22420		22420	B	0000			UNUSABLE		4
5		CASH DESK	22420		22420	C	0000			UNUSABLE		6
7		CASH DESK	22420		22420	A	0000			UNUSABLE		8
9	RTU 3 & 4	CASH DESK	22420		22420	B	0000			UNUSABLE		10
11		CASH DESK	22420		22420	C	0000			UNUSABLE		12
13		CASH DESK	22420		22420	A	0000			UNUSABLE		14
15	RTU 5 & 6	CASH DESK	22420		22420	B	0000			UNUSABLE		16
17		CASH DESK	22420		22420	C	0000			UNUSABLE		18
19		CASH DESK	0000		0000	A	0000			UNUSABLE		20
21	SPARE	CASH DESK	0000		0000	B	0000			UNUSABLE		22
23		CASH DESK	0000		0000	C	0000			UNUSABLE		24

Notes:

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Breaker Options:

AS PowerLink AS Breaker
 LO Handle lock on device
 ST Shunt Trip Type
 N.E.C. Connected Totals: Ph.A 67.290 kVA
 N.E.C. Connected Totals: Ph.B 67.290 kVA
 N.E.C. Connected Totals: Ph.C 67.290 kVA
 Total 201.780 kVA

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 IG Isolated Ground Circuit

Panel Wiring Schedule (3-Phase)

Panel/Panel Type	MCP SECTION 3	208Y/120	Phase 3	Options/Notes	EXISTING							
NECA Type	EXISTING	MOUNTING SURFACE	Wire Size 300A	A/C Rating	EXISTING							
CKT No.	Zone	Load Description	Bkr Size	Bkr Opts	N.E.C. kVA	Phase	N.E.C. kVA	Bkr Size	Bkr Opts	Load Description	Zone	CKT No.
1		PANEL A	11450		11450	A	2000			PANEL A		2
3	AC	PANEL A	11450		11450	B	2000			PANEL A		4
5		PANEL A	11450		11450	C	2000			PANEL A		6
7		PANEL B	12412		12412	A	2000			PANEL B		8
9		PANEL B	10356		10356	B	2000			PANEL B		10
11		PANEL B	10356		10356	C	2000			PANEL B		12
13		PANEL H	0000		0000	A	0000			PANEL H		14
15		PANEL H	0000		0000	B	0000			PANEL H		16
17		PANEL H	0000		0000	C	0000			PANEL H		18
19		PANEL E M	0000		0000	A	0000			NOT LABELED		20
21		PANEL E M	0000		0000	B	0000			NOT LABELED		22
23		PANEL E M	0000		0000	C	0000			NOT LABELED		24
25		PANEL C	11450		11450	A	1000			PANEL C		26
27		PANEL C	5625		5625	B	1000			PANEL C		28
29		PANEL C	12412		12412	C	1000			PANEL C		30
31		PANEL D	0000		0000	A	0000			NOT LABELED		32
33		PANEL D	0000		0000	B	0000			NOT LABELED		34
35		PANEL D	0000		0000	C	0000			NOT LABELED		36
37		PANEL J	0000		0000	A	0000			NOT LABELED		38
39		PANEL J	0000		0000	B	0000			NOT LABELED		40
41		PANEL J	0000		0000	C	0000			NOT LABELED		42

Notes:

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Breaker Options:

AS PowerLink AS Breaker
 LO Handle lock on device
 ST Shunt Trip Type
 N.E.C. Connected Totals: Ph.A 33.804 kVA
 N.E.C. Connected Totals: Ph.B 31.808 kVA
 N.E.C. Connected Totals: Ph.C 34.948 kVA
 Total 100.560 kVA

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E Existing Circuit to remain
 IG Isolated Ground Circuit

Panel Wiring Schedule (3-Phase)

Panel/Panel Type	MCP SECTION 4	208Y/120	Phase 3	Options/Notes	EXISTING							
NECA Type	EXISTING	MOUNTING SURFACE	Wire Size 300A	A/C Rating	EXISTING							
CKT No.	Zone	Load Description	Bkr Size	Bkr Opts	N.E.C. kVA	Phase	N.E.C. kVA	Bkr Size	Bkr Opts	Load Description	Zone	CKT No.
1		LOP (EMTS)	0500		0500	B	0000			ROOF TOP RECEIPTS		2
3		LOP (EMTS)	0500		0500	C	0000			ROOF TOP RECEIPTS		4
5		TELEPHONE BOARD	0180		0180	C	0000			SPARE		6
7		TELEPHONE BOARD	0180		0180	A	0000			SPARE		8
9		REAR DOOR BUZZER	0200		0200	B	0000			SPARE		10
11		WATER HEATER	3500		3500	C	0000			SPARE		12
13		DOCK LIGHT	0360		0360	A	0000			SPARE		14
15		EMV	0660		0660	B	0000			SPARE		16
17		HAND DRYER	1500		1500	C	0000			SPARE		18
19		HAND DRYER	1500		1500	A	0000			SPARE		20
21		FRONT DOOR BUZZER	0200		0200	B	0000			SPARE		22
23		SPARE	0000		0000	C	0000			SPARE		24
25		SPARE	0000		0000	A	0000			SPARE		26
27		SPARE	0000		0000	B	0000			SPARE		28
29		FIRE ALARM PANEL	1500		1500	C	0000			SPARE		30
31		SPARE	0000		0000	A	0000			SPARE		32
33	RTU-7	HAGR	1332		1332	B	0000			SPARE		34
35		SPARE	0000		0000	C	0000			SPARE		36
37		SPARE	0000		0000	A	0000			SPARE		38
39		BALER	2700		2700	B	0000			SPARE		40
41		SPARE	0000		0000	C	0000			SPARE		42

Notes:

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Breaker Options:

AS PowerLink AS Breaker
 LO Handle lock on device
 ST Shunt Trip Type
 N.E.C. Connected Totals: Ph.A 11252 kVA
 N.E.C. Connected Totals: Ph.B 6922 kVA
 N.E.C. Connected Totals: Ph.C 12312 kVA
 Total 30486 kVA

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 IG Isolated Ground Circuit

DESCRIPTION	CON.	DEMAND	NON-DEMAND	FACT	CONVERTED
TRACK LIGHT DEMAND	1140	1140			3000
SHOW WINDOW DEMAND	1200	1200			3000
NT APPLICATIONS	1000	1000			3000
RECEPTACLES	2000	2000	1.00		4730
EMV	1600	1600			15510
WATER HEATER	3500	3500			3000
HT SYSTEM	1000	1000			20730
HT SYSTEM - DEMAND	1000	1000			3000
WATER HEATER	3500	3500		1.0	3000
RECEPTACLES	2000	2000		1.0	3000
EMV	1600	1600			3000
WATER HEATER	3500	3500		1.0	3000
HT SYSTEM	1000	1000			3000
HT SYSTEM - DEMAND	1000	1000			3000
WATER HEATER	3500	3500		1.0	3000
RECEPTACLES	2000	2000		1.0	3000
EMV	1600	1600			3000
WATER HEATER	3500	3500		1.0	3000
HT SYSTEM	1000	1000			3000
HT SYSTEM - DEMAND	1000	1000			3000
WATER HEATER	3500	3500		1.0	3000
RECEPTACLES	2000	2000		1.0	3000
EMV	1600	1600			3000
WATER HEATER	3500	3500		1.0	3000
HT SYSTEM	1000	1000			3000
HT SYSTEM - DEMAND	1000	1000			3000
WATER HEATER	3500	3500		1.0	3000
RECEPTACLES	2000	2000		1.0	3000
EMV	1600	1600			3000
WATER HEATER	3500	3500		1.0	3000
HT SYSTEM	1000	1000			3000
HT SYSTEM - DEMAND	1000	1000			3000
WATER HEATER	3500	3500		1.0	3000
RECEPTACLES	2000	2000		1.0	3000
EMV	1600	1600			