Bergelectric Corp
13650 NE Whitaker Way, Portland, OR 97230
(503) 255-1818

PANEL: STUDIO MOUNTING: RECESSED BUS: 125 A MLO
LOCATION: VARIES VOLTS: 208 PHASE: 1 WIRE: 3

DESCRIPTION	A/P	NO.	Ø	Ø	NO.	A/P	DESCRIPTION
KITCHEN "A"	20/1 *	1	A	A	2	40/2	RANGE
KITCHEN "B"	20/1 *	3	B	B	4	-	RANGE
DISHWASHER	20/1 *	5	A	A	6	30/2	DRYER
DISPOSAL	20/1 *	7	B	B	8	-	DRYER
MICRO / HOOD	20/1 *	9	A	A	10	15/2	MECH UNIT #
GEN LTS & PLUGS	15/1 *	11	B	B	12	-	MECH UNIT #
SPACE	-	13	A	A	14	20/1 *	BATHROOM
SPACE	-	15	B	B	16	20/1 *	WASHER
SPACE	-	17	A	A	18	-	SPACE
SPACE	-	19	B	B	20	-	SPACE
SPACE	-	21	A	A	22	20/2	WALL HEATER
SPACE	-	23	B	B	24	-	WALL HEATER

* = COMBINATION AFCI/GFCI CIRCUIT BREAKER TYPE

REFER TO ENLARGED UNIT PLANS FOR MECHANICAL UNIT CALL OUT.
PROVIDE CIRCUIT BREAKER AS INDICATED IN CHART BELOW:

CALL OUT	CIRCUIT BREAKER
PTHP-1	15A/1P
PTHP-2	15A/1P
PTHP-3	15A/1P
PTHP-4	15A/1P
PTHP-5	20A/1P
PTHP-6	30A/1P

Bergelectric Corp
13650 NE Whitaker Way, Portland, OR 97230
(503) 255-1818

PANEL: 1 BDRM MOUNTING: RECESSED BUS: 125 A MLO
LOCATION: VARIES VOLTS: 208 PHASE: 1 WIRE: 3

DESCRIPTION	A/P	NO.	Ø	Ø	NO.	A/P	DESCRIPTION
KITCHEN "A"	20/1 *	1	A	A	2	40/2	RANGE
KITCHEN "B"	20/1 *	3	B	B	4	-	RANGE
DISHWASHER	20/1 *	5	A	A	6	30/2	DRYER
DISPOSAL	20/1 *	7	B	B	8	-	DRYER
MICRO / HOOD	20/1 *	9	A	A	10	15/2	MECH UNIT #
GEN LTS & PLUGS	15/1 *	11	B	B	12	-	MECH UNIT #
BED LTS & PLUGS	15/1 *	13	A	A	14	20/1 *	BATHROOM
SPACE	-	15	B	B	16	20/1 *	WASHER
SPACE	-	17	A	A	18	-	SPACE
SPACE	-	19	B	B	20	-	SPACE
SPACE	-	21	A	A	22	20/2	WALL HEATER
SPACE	-	23	B	B	24	-	WALL HEATER

* = COMBINATION AFCI/GFCI CIRCUIT BREAKER TYPE

REFER TO ENLARGED UNIT PLANS FOR MECHANICAL UNIT CALL OUT.
PROVIDE CIRCUIT BREAKER AS INDICATED IN CHART BELOW:

CALL OUT	CIRCUIT BREAKER
PTHP-1	15A/1P
PTHP-2	15A/1P
PTHP-3	15A/1P
PTHP-4	15A/1P
PTHP-5	20A/1P
PTHP-6	30A/1P

Bergelectric Corp
13650 NE Whitaker Way, Portland, OR 97230
(503) 255-1818

PANEL: LOFT MOUNTING: RECESSED BUS: 125 A MLO
LOCATION: VARIES VOLTS: 208 PHASE: 1 WIRE: 3

DESCRIPTION	A/P	NO.	Ø	Ø	NO.	A/P	DESCRIPTION
KITCHEN "A"	20/1 *	1	A	A	2	40/2	RANGE
KITCHEN "B"	20/1 *	3	B	B	4	-	RANGE
DISHWASHER	20/1 *	5	A	A	6	30/2	DRYER
DISPOSAL	20/1 *	7	B	B	8	-	DRYER
MICRO / HOOD	20/1 *	9	A	A	10	15/2	MECH UNIT #
GEN LTS & PLUGS	15/1 *	11	B	B	12	-	MECH UNIT #
BED LTS & PLUGS	15/1 *	13	A	A	14	20/1 *	BATHROOM
SPACE	-	15	B	B	16	20/1 *	WASHER
SPACE	-	17	A	A	18	-	SPACE
SPACE	-	19	B	B	20	-	SPACE
SPACE	-	21	A	A	22	20/2	WALL HEATER
SPACE	-	23	B	B	24	-	WALL HEATER

* = COMBINATION AFCI/GFCI CIRCUIT BREAKER TYPE

REFER TO ENLARGED UNIT PLANS FOR MECHANICAL UNIT CALL OUT.
PROVIDE CIRCUIT BREAKER AS INDICATED IN CHART BELOW:

CALL OUT	CIRCUIT BREAKER
PTHP-1	15A/1P
PTHP-2	15A/1P
PTHP-3	15A/1P
PTHP-4	15A/1P
PTHP-5	20A/1P
PTHP-6	30A/1P

Bergelectric Corp
13650 NE Whitaker Way, Portland, OR 97230
(503) 255-1818

PANEL: 2 BDRM MOUNTING: RECESSED BUS: 125 A MLO
LOCATION: VARIES VOLTS: 208 PHASE: 1 WIRE: 3

DESCRIPTION	A/P	NO.	Ø	Ø	NO.	A/P	DESCRIPTION
KITCHEN "A"	20/1 *	1	A	A	2	40/2	RANGE
KITCHEN "B"	20/1 *	3	B	B	4	-	RANGE
DISHWASHER	20/1 *	5	A	A	6	30/2	DRYER
DISPOSAL	20/1 *	7	B	B	8	-	DRYER
MICRO / HOOD	20/1 *	9	A	A	10	15/2	MECH UNIT #
GEN LTS & PLUGS	15/1 *	11	B	B	12	-	MECH UNIT #
BED LTS & PLUGS	15/1 *	13	A	A	14	20/1 *	BATHROOM
BED LTS & PLUGS	15/1 *	15	B	B	16	20/1 *	WASHER
SPACE	-	17	A	A	18	-	SPACE
SPACE	-	19	B	B	20	-	SPACE
SPACE	-	21	A	A	22	20/2	WALL HEATER
SPACE	-	23	B	B	24	-	WALL HEATER

* = COMBINATION AFCI/GFCI CIRCUIT BREAKER TYPE

REFER TO ENLARGED UNIT PLANS FOR MECHANICAL UNIT CALL OUT.
PROVIDE CIRCUIT BREAKER AS INDICATED IN CHART BELOW:

CALL OUT	CIRCUIT BREAKER
PTHP-1	15A/1P
PTHP-2	15A/1P
PTHP-3	15A/1P
PTHP-4	15A/1P
PTHP-5	20A/1P
PTHP-6	30A/1P

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Branch Panel

PANEL: 2H2A MKE & ASSOCIATES, INC. MOUNTING: SURFACE
FED BY: SDP-A BUS/MAIN 200 MLO
LOC:
VOLTS 120/208 PHASE 3 WIRE 4

C	DESCRIPTION	A/P	No.	A	B	C	A	B	C	No.	A/P	DESCRIPTION	C
2	R-UTILITY U200 / CORR 200 / BIKE 204	20/1	1	720			2000			2	30/3	WH-2	5
2; 5	R-BIKE STORAGE 204	20/1	3		886			2000		4	--	--	--
2; 5	R-BIKE 204 / UTILITY 206 / IRRIG CONTROLLER	20/1	5			560			2000	6	--	--	--
2	R-AMENITY 210 / CORR 200	20/1	7	360			215			8	20/1	RCP-2	6
2	R-AMENITY 210	20/1	9		720			176		10	20/1	L-ROOMS 208 / 212 / 214 / 216-218 / 223 / 225	1
			11						326	12	20/1	L-AMENITY 215	1
			13				397			14	20/2	FC-1-1 / FC-1-3	5
2	R-AMENITY 220	20/1	15		720			397		16	--	--	--
2	FLR BOX - AMENITY 220	20/1	17			720			700	18	20/2	FC-1-3 / FC-1-5	5
2	FLR BOX - AMENITY 220	20/1	19	720			700			20	--	--	--
2	R-RR 213 / AMENITY 215	20/1	21		900			2500		22	40/2	EFC-1	5
2; 6	R-AMENITY 215 / OFFICE 217	20/1	23			730			2500	24	--	--	--
2	R-AMENITY 215 / AMENITY 220	20/1	25	720						26			
2	R-OFFICE 223 / 225 / AMENITY 215 / DATA 221	20/1	27		1080					28			
5	COPIER - AMENITY 215	20/1	29			1500			430	30	20/2	FC-2-1	5
5	UC REF - AMENITY 215	20/1	31	600			430			32	--	--	--
5	TELECOM BACKBOARD - DATA 221	20/1	33		360			586		34	20/2	FC-2-2	5
5	TELECOM BACKBOARD - DATA 221	20/1	35			360			586	36	--	--	--
2	R-DATA 221	20/1	37	360			586			38	20/2	FC-2-3	5
2	R-DATA 221	20/1	39		360			586		40	--	--	--
			41						172	42	20/2	BC-1	5
1; 6	L-RMS 102 / 103 / 105 / 107 / 111 / 114 / 119 / T100	20/1	43	439			172			44	--	--	--
			45					161		46	20/1	EF-22	6
1	L-LOBBY 100 / LEASING 101	20/1	47			452			560	48	20/1	CONDENSATE PUMPS - LVL 1 & 2	6
--	SPARE (20A/1P)	--	49	0			375			50	20/2	EWH-12	3
--	SPARE (20A/1P)	--	51		0			375		52	--	--	--
--	SPARE (20A/1P)	--	53			0			1176	54	20/1	SF-1	6
--	SPARE (20A/1P)	--	55	0			200			56	20/1	MECH CONTROL PANEL - UTILITY 206	5
--	SPARE (20A/1P)	--	57		0			200		58	20/1	VRF CENTRAL CONTROLLER - UTILITY 206	5
--	SPARE (20A/1P)	--	59			0			800	60	20/1	FSD - LVL 2-4 (SOUTH)	5
--	SPARE (20A/1P)	--	61	0			180			62	20/1	REPEATER - DATA 221	2
3	EWH-3	20/1	63		1500			500		64	20/1	EXTERIOR SIGN (MAIN ENTRY)	1
3	EWH-4	20/1	65			1500			0	66	--	SPARE (20A/1P)	--
3	EWH-6	20/1	67	1500			0			68	--	SPARE (20A/1P)	--
3	EWH-5	20/2	69		1500			200		70	20/1	RELAY PANEL RPA	5
--	--	--	71			1500			0	72	20/1	BLTC (SENSING)	1

LOAD CODE	TOTAL (VA)	FACTOR	CODE LOAD	PANEL TOTALS
1 LIGHTS:	1883 VA	125.00%	2354 VA	
2 RECEPTACLE:	9360 VA	100.00%	9360 VA	42948 **TOTAL LOAD (VA)**
3 HEATING:	8250 VA	125.00%	10313 VA	45481 **TOTAL DEMAND (VA)**
4 KITCHEN:	0 VA	0.00%	0 VA	119.2 **TOTAL LOAD (A)**
5 EQUIPMENT:	21323 VA	100.00%	21323 VA	126 **CODE DEMAND (A)**
6 MOTORS:	2132 VA	100.00%	2132 VA	
LM LARGEST MOTOR:	0 VA	0.00%	0 VA	
7 MISC.	0 VA	0.00%	0 VA	

Notes:
* FIRST 10 KVA +50% OF THE BALANCE
** 125% OF THE LARGEST MOTOR + THE BALANCE

Branch Panel

PANEL: 2H2B MKE & ASSOCIATES, INC. MOUNTING: SURFACE
FED BY: SDP-A BUS/MAIN 400 MLO
LOC: RETAIL 151
VOLTS 120/208 PHASE 3 WIRE 4

C	DESCRIPTION	A/P	No.	A	B	C	A	B	C	No.	A/P	DESCRIPTION	C
--	SPACE	--	1	0			1500			2	20/1	TREADMILL-AMENITY 210	5
2	R-CAR STACKER PITS	20/1	3		1080			1500		4	20/1	TREADMILL-AMENITY 210	5
2	R-LOBBY 110 / PARKING 112 / UTILITY 114	20/1	5			1080			1500	6	20/1	TREADMILL-AMENITY 210	5
6	SP-2	20/3	7	1080			1500			8	20/1	TREADMILL - AMENITY 210	5
--	--	--	9		1080			1200		10	20/1	ELLIPTICAL - AMENITY 210	5
--	--	--	11			1080			1200	12	20/1	ELLIPTICAL - AMENITY 210	5
6	SP-3	20/3	13	1080			1200			14	20/1	AIR RUNNER - AMENITY 210	5
--	--	--	15		1080			1200		16	20/1	UPRIGHT BIKE - AMENITY 210	5
--	--	--	17			1080			1200	18	20/1	ROWER - AMENITY 210	5
6	SP-4	20/3	19	1080			600			20	20/1	UC REF - AMENITY 210	5
--	--	--	21		1080			960		22	20/1	BOTTLE FILLER - AMENITY 215 ^	5
--	--	--	23			1080			800	24	20/1	FSD - LVL 2	5
5	AIR COMPRESSOR - TRASH T100	20/3	25	936			550			26	20/1	R-JANITOR 111 / EXIT 113	2; 6
--	--	--	27		936			360		28	20/1	R-LEASING 101 / WK RM 105	2
--	--	--	29			936			720	30	20/1	R-RESTROOM 107 / LOBBY 110 /MAIL 119	2
--	SPACE	--	31	0			480			32	20/1	KEY TRACK - WORK ROOM 105	5
--	SPACE	--	33		0			1500		34	20/1	COPIER - WORK ROOM 105	5
--	SPACE	--	35			0			600	36	20/1	REF - WORK ROOM 105	5
6	TRASH COMPACTOR - TRASH T100	20/3	37	1320			1000			38	20/1	DW - WORK ROOM 105	5
--	--	--	39		1320			360		40	20/1	R-WORK ROOM 105	2
--	--	--	41			1320			900	42	20/1	R-LEASING 101 / WORK ROOM 105	2
6	EF-1	20/3	43	936			720			44	20/1	FLR BOX - LOBBY 100	2
--	--	--	45		936			1080		46	20/1	R-LOBBY 100 / OFFICE 102	2
--	--	--	47			936			600	48	20/1	UC REF - LEASING 101	5
6	EF-27	20/1	49	1176			360			50	20/1	R-LOBBY 100	2
6	EF-28	20/1	51		1176			1500		52	20/1	PACKAGE CONCIERGE - PACKAGE 106	5
--	SPACE	--	53			0			1500	54	20/1	PACKAGE CONCIERGE - PACKAGE 106	5
6	CAR STACKER	40/3	55	2400			540			56	20/1	R-GENERATOR 100 / GARAGE	2
--	--	--	57		2400			200		58	20/1	TRASH CHUTE INTERLOCK - TRASH T100	5
--	--	--	59			2400			200	60	20/1	ODOR CONTROL - TRASH T100	5
6	CAR STACKER	40/3	61	2400			1000			62	20/1	MOTORIZED SHADES - LOBBY 100 / OFFICE 102	6
--	--	--	63		2400			0		64	--	SPARE (20A/1P)	--
--	--	--	65			2400			0	66	--	SPARE (20A/1P)	--
6	CAR STACKER	40/3	67	2400			0			68	--	SPARE (20A/1P)	--
--	--	--	69		2400			600		70	20/1	FSD - WATER 118 / LOBBY 100	5
--	--	--	71			2400			200	72	20/1	DATA COLLECTOR - WORK ROOM 105	5
6	BP-1a	110/3	73	11730			0			74	--	SPARE (20A/1P)	--
--	--	--	75		11730			0		76	--	SPARE (20A/1P)	--
--	--	--	77			11730			0	78	--	SPARE (20A/1P)	--
6	BP-1b	110/3	79	9384			0			80	--	SPARE (20A/1P)	--
--	--	--	81		9384			0		82	--	SPARE (20A/1P)	--
--	--	--	83			9384			0	84	--	SPARE (20A/1P)	--

LOAD CODE	TOTAL (VA)	FACTOR	CODE LOAD	PANEL TOTALS
1 LIGHTS:	0 VA	0.00%	0 VA	
2 RECEPTACLE:	7740 VA	100.00%	7740 VA	138080 **TOTAL LOAD (VA)**
3 HEATING:	0 VA	0.00%	0 VA	138080 **TOTAL DEMAND (VA)**
4 KITCHEN:	0 VA	0.00%	0 VA	383.3 **TOTAL LOAD (A)**
5 EQUIPMENT:	25548 VA	100.00%	25548 VA	383 **CODE DEMAND (A)**
6 MOTORS:	104792 VA	100.00%	104792 VA	
LM LARGEST MOTOR:	0 VA	0.00%	0 VA	
7 MISC.	0 VA	0.00%	0 VA	

Notes:
^ PROVIDE GFCI CIRCUIT BREAKER.
^^ BP-1a IS LARGEST MOTOR LOAD AND HAS BEEN CALCULATED AT 125% LOAD.
* FIRST 10 KVA +50% OF THE BALANCE
** 125% OF THE LARGEST MOTOR + THE BALANCE

Branch Panel

PANEL: 2H4 MKE & ASSOCIATES, INC. MOUNTING: SURFACE
FED BY: SDP-A BUS/MAIN 200 FTL
LOC: ELECTRICAL E400
VOLTS 120/208 PHASE 3 WIRE 4

C	DESCRIPTION	A/P	No.	A	B	C	A	B	C	No.	A/P	DESCRIPTION	C
2	R-NW WEST CORRIDOR (LEVEL 3-8)	20/1	1	1080			800			2	20/1	FSD - LVL 3-4 (NORTH)	5
2	R-W WEST CORRIDOR (LEVEL 3-8)	20/1	3		1080			800		4	20/1	FSD - LVL 5-6 (NORTH)	5
2	R-SW WEST CORRIDOR (LEVEL 3-8)	20/1	5			1080			800	6	20/1	FSD - LVL 7-8 (NORTH)	5
2	R-W CENTER CORRIDOR (LEVEL 3-8)	20/1	7	1080			800			8	20/1	FSD - LVL 5-8 (SOUTH)	5
2	R-CTR CENTER CORRIDOR (LEVEL 3-8)	20/1	9		1080			540		10	20/1	REPEATER - ELECTRICAL E300 / E400 / E500	2
2	R-E CENTER CORRIDOR (LEVEL 3-8)	20/1	11			1080			0	12	--	SPACE	--
2	R-EAST CORRIDOR (LEVEL 3-8)	20/1	13	1080			0			14	--	SPACE	--
2	R-ELEC ROOMS (LEVEL 3-8)	20/1	15		1080			0		16	--	SPACE	--
--	SPARE (20A/1P)	--	17			0			0	18	--	SPACE	--
--	SPARE (20A/1P)	--	19	0			0			20	--	SPACE	--
--	SPARE (20A/1P)	--	21		0			0		22	--	SPACE	--
--	SPARE (20A/1P)	--	23			0			0	24	--	SPACE	--
--	SPARE (20A/1P)	--	25	0			0			26	--	SPACE	--
--	SPARE (20A/1P)	--	27		0			0		28	--	SPACE	--
--	SPARE (20A/1P)	--	29			0			0	30	--	SPACE	--
--	SPARE (20A/1P)	--	31	0			0			32	--	SPACE	--
--	SPARE (20A/1P)	--	33		0			0		34	--	SPACE	--
--	SPARE (20A/1P)	--	35			0			0	36	--	SPACE	--
--	SPARE (20A/1P)	--	37	0			0			38	--	SPACE	--
--	SPARE (20A/1P)	--	39		0			0		40	--	SPACE	--
--	SPARE (20A/1P)	--	41			0			0	42	--	SPACE	--

LOAD CODE	TOTAL (VA)	FACTOR	CODE LOAD	PANEL TOTALS
1 LIGHTS:	0 VA	0.00%	0 VA	
2 RECEPTACLE:	9180 VA	100.00%	9180 VA	12380 **TOTAL LOAD (VA)**
3 HEATING:	0 VA	0.00%	0 VA	12380 **TOTAL DEMAND (VA)**
4 KITCHEN:	0 VA	0.00%	0 VA	34.4 **TOTAL LOAD (A)**
5 EQUIPMENT:	3200 VA	100.00%	3200 VA	34 **CODE DEMAND (A)**
6 MOTORS:	0 VA	0.00%	0 VA	
LM LARGEST MOTOR:	0 VA	0.00%	0 VA	
7 MISC.	0 VA	0.00%	0 VA	

Notes:
* FIRST 10 KVA +50% OF THE BALANCE
** 125% OF THE LARGEST MOTOR + THE BALANCE

Branch Panel

PANEL: 2H7 MKE & ASSOCIATES, INC. MOUNTING: SURFACE
FED BY: SDP-A BUS/MAIN 200 MLO
LOC: ELECTRICAL E700
VOLTS 120/208 PHASE 3 WIRE 4

C	DESCRIPTION	A/P	No.	A	B	C	A	B	C	No.	A/P	DESCRIPTION	C
5	FIRE PIT - ROOF TERRACE	20/1	1	200			334			2	20/1	L-CLUB ROOM B 821 / CLUB ROOM A 822	1
5	GAS BBQ - ROOF TERRACE	20/1	3		400			0		4	--	SPARE (20A/1P)	--
2	R - ROOF TERRACE ^	20/1	5			180			0	6	--	SPARE (20A/1P)	--
2	R - ELEV VEST R900 / ROOF TERRACE	20/1	7	360			0			8	--	SPARE (20A/1P)	--
2; 5	RECEPTACLE / IRRIGATION CONTROL - WTR HTR 902	20/1	9		380			0		10	--	SPARE (20A/1P)	--
2	REPEATER - ELECTRICAL E600 / E700 / E800	20/1	11			540			0	12	--	SPARE (20A/1P)	--
2	FLR BOX - CLUB ROOM B 821	20/1	13	1080			0			14	--	SPARE (20A/1P)	--
2	R-CLUB ROOM A 822	20/1	15		180			0		16	--	SPARE (20A/1P)	--
2	R-CLUB ROOM B 821	20/1	17			900			0	18	--	SPACE	--
5	REF - CLUB ROOM B 821	20/1	19	1200			0			20	--	SPACE	--
5	ICE MAKER - CLUB ROOM B 821	20/1	21		1000			0		22	--	SPACE	--
5	DW - CLUB ROOM B 821	20/1	23			1200			0	24	--	SPACE	--
2	R-CLUB ROOM B 821	20/1	25	360			0			26	--	SPACE	--
2	R-CLUB ROOM B 821	20/1	27		180			0		28	--	SPACE	--
2; 6	R-CLUB ROOM B 821 / A 822 / EF-25	20/1	29			910			0	30	--	SPACE	--
2	R-CLUB ROOM A 822	20/1	31	900			0			32	--	SPACE	--
--	SPARE (20A/1P)	--	33		0			0		34	--	SPACE	--
--	SPARE (20A/1P)	--	35			0			0	36	--	SPACE	--
--	SPARE (20A/1P)	--	37	0			110			38	20/1	L-LANDSCAPE / BBQ TASK (ROOF TERR) / TERR 821B	1
5	OVEN - CLUB ROOM B 821	40/2	39		2500			200		40	20/1	RELAY PANEL RPB	5
--	--	--	41			2500			0	42	20/1	BLTC SENSING	1

LOAD CODE	TOTAL (VA)	FACTOR	CODE LOAD	PANEL TOTALS
1 LIGHTS:	444 VA	125.00%	555 VA	
2 RECEPTACLE:	5760 VA	100.00%	5760 VA	15614 **TOTAL LOAD (VA)**
3 HEATING:	0 VA	0.00%	0 VA	15725 **TOTAL DEMAND (VA)**
4 KITCHEN:	0 VA	0.00%	0 VA	43.3 **TOTAL LOAD (A)**
5 EQUIPMENT:	9400 VA	100.00%	9400 VA	44 **CODE DEMAND (A)**
6 MOTORS:	10 VA	100.00%	10 VA	
LM LARGEST MOTOR:	0 VA	0.00%	0 VA	
7 MISC.	0 VA	0.00%	0 VA	

Notes:
^ GFCI CIRCUIT BREAKER.
* FIRST 10 KVA +50% OF THE BALANCE
** 125% OF THE LARGEST MOTOR + THE BALANCE

Branch Panel

PANEL: 2H7M MKE & ASSOCIATES, INC. MOUNTING: SURFACE
FED BY: SDP-A BUS/MAIN 400 MLO
LOC: ELECTRICAL E700
VOLTS 120/208 PHASE 3 WIRE 4

C	DESCRIPTION	A/P	No.	A	B	C	A	B	C	No.	A/P	DESCRIPTION	C
6	RCP-1	20/1	1	215			12360			2	125/3	RTU-1	5
--	SHUNT TRIP	--	3		0			12360		4	--	--	--
5	WH-1a	20/1	5			600			12360	6	--	--	--
--	SHUNT TRIP	--	7	0			12360			8	125/3	RTU-2	5
5	WH-1b	20/1	9		600			12360		10	--	--	--
--	SHUNT TRIP	--	11			0			12360	12	--	--	--
5	WH-1c	20/1	13	600			5160			14	60/3	RTU-3	5
--	SHUNT TRIP	--	15		0			5160		16	--	--	--
5	WH-1d	20/1	17			600			5160	18	--	--	--
--	SHUNT TRIP	--	19	0			6240			20	90/3	HP-1A	6
5	WH-1e	20/1	21		600			6240		22	--	--	--
--	SHUNT TRIP	--	23			0			6240	24	--	--	--
5	WH-1f	20/1	25	600			5160			26	70/3	HP-1B	6
--	SHUNT TRIP	--	27		0			5160		28	--	--	--
5	WH-3	20/1	29			1400			5160	30	--	--	--
--	SPACE	--	31	0			375			32	20/2	EWH-13	3
--	SPACE	--	33		0			375		34	--	--	--
--	SPARE (20A/1P)	--	35			0			0	36	--	SPARE (20A/1P)	--
--	SPARE (20A/1P)	--	37	0			0			38	--	SPARE (20A/1P)	--
2	R-ROOF (WEST)	20/1	39		900			0		40	--	SPARE (20A/1P)	--
2	R-ROOF (EAST)	20/1	41			1080			0	42	--	SPARE (20A/1P)	--

LOAD CODE	TOTAL (VA)	FACTOR	CODE LOAD	PANEL TOTALS
1 LIGHTS:	0 VA	0.00%	0 VA	
2 RECEPTACLE:	1980 VA	100.00%	1980 VA	131785 **TOTAL LOAD (VA)**
3 HEATING:	750 VA	125.00%	938 VA	131973 **TOTAL DEMAND (VA)**
4 KITCHEN:	0 VA	0.00%	0 VA	365.8 **TOTAL LOAD (A)**
5 EQUIPMENT:	94640 VA	100.00%	94640 VA	366 **CODE DEMAND (A)**
6 MOTORS:	34415 VA	100.00%	34415 VA	
LM LARGEST MOTOR:	0 VA	0.00%	0 VA	
7 MISC.	0 VA	0.00%	0 VA	

Notes:
* FIRST 10 KVA +50% OF THE BALANCE
** 125% OF THE LARGEST MOTOR + THE BALANCE

TYP. UNIT PANELS	2H2A	2H4
	2H2B	2H7
		2H7M

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 02/11/20
Project: 19-106743-REV-01-CO

Bergelectric Corp.
Contractors & Engineers
13650 Ne Whitaker Way
Portland, OR 97230
License #C10-85046
Phone: (503) 255-1818

PROPRIETARY STATEMENT
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CONSULTING ENGINEERS
6915 SW MACADAM AVE. #200
PORTLAND, OREGON. 97219
CONTACT... JEFF REILLY
PHONE: (503) 892-1188

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 20, 1993
STEPHEN M. LOCKHART
EXPIRES 12-31-20

18TH & SALMON
GREYSTAR
1715 SW Salmon St
Portland, OR 97205

REVISIONS

B	PERMIT RESPONSE 2	07/26/2019
D	ELECT PLAN REVIEW	10/02/2019
3	AB-01	09/27/2019

CHECKED BY: SL
ISSUE DATE: 27 SEP 2019
PROJECT NO: 1803002

ELECTRICAL SCHEDULES
E00.05
CONSTRUCTION SET