

PANEL: 1P05 PHASE: 3 VOLTAGE: 208Y120V SECTION FEED TYPE
 LOCATION: ELECTRICAL 1201 MOUNT: Surface WIRE: 4 1 BOTTOM WITH FEED THRU LUGS 250 A MCB
 TYPE: Type 1 POLES: 84 SF MAINS: No 2 TOP 2 BOTTOM 10,000 AIC MINIMUM
 3 N/A

LC	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	LC	
D	1	REC. 110A, 1101	20	1	1080 VA	250 VA			1	20	VENDING STAR S01	2	D
D	3	REC. 110A, 1100A, 1100, 1101	20	1		1080 VA	250 VA		1	20	VENDING STAR S01	4	D
D	5	REC. 1101, 1101A, 1100A, 1100	20	1			1080 VA	250 VA	1	20	VENDING STAR S01	6	D
D	7	REC. 1100B, 1100, 1100A, 1100, 1106	20	1	900 VA	500 VA			1	20	COPIER WORK ROOM 1105	8	D
D	9	REC. 1100, 1103, 1100B, 1106, 1102	20	1		900 VA	0 VA		1	20	Spare	10	--
D	11	REC. 1103, 1106, 1102	20	1			900 VA	1080 VA	1	20	REC. 1115, 1110, 1108	12	D
D	13	REC. 1105, 1104	20	1	1080 VA	900 VA			1	20	VENDING ROOM 1108, 1110	14	D
R	15	REC. 1104A, 1104, 1105, 1000	20	1		900 VA	0 VA		1	20	Spare	16	--
D	17	REC. 1105, 1104	20	1			900 VA	250 VA	1	20	VENDING STAFF LOUNGE 1111	18	R
D	19	REC. 1111, 1107, 1109, 1100B	20	1	1080 VA	250 VA			1	20	VENDING STAFF LOUNGE 1111	20	R
R	21	REC. 1111, 1109, 1107, 1106	20	1		900 VA	1080 VA		1	20	Room 1112, 1110, 1100E, 1114, 1100D	22	D
D	23	REC. 1111, 1109, 1100B, 1107, 1106	20	1	540 VA	900 VA			1	20	Room 1108, 1110, 1100C	24	D
D	25	REC. 1201, 1000	20	1					1	20	CP-1 HWY-1 ATTIC	26	D
	27						1440 VA		1	20	CP-2 HWY-2 ATTIC	28	Motor
	29						1440 VA		1	20	CP-3 HWY-3 ATTIC	30	Motor
	31					830 VA			1	20	EF-4 ATTIC	32	Motor
	33						1352 VA		2	20	OCU-3 ATTIC	34	Motor
	35								--	--		36	--
	37					1130 VA			1	20	EF-3 ATTIC	38	Motor
	39											40	
	41											42	

LC	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	LC	
D	43	REC. STAFF LOUNGE 1111	20	1	360 VA	5760 VA			2	60	KILN 1202C	44	D
D	45	REC. LOUNGE 1111	20	1		360 VA	5760 VA		--	--		46	--
D	47	REC. STAFF LOUNGE 1111	20	1			1000 VA	180 VA	1	20	KILN VENT KILN 1202C	48	D
D	49	RH/MICROWAVE STAFF LOUNGE 1111	20	1	1500 VA	1800 VA			1	20	DROPCORD. 3D ART CLASSROOM 1202	50	D
D	51	REC. STAFF LOUNGE 1111	20	1		1000 VA	1800 VA		1	20	DROPCORD. 3D ART CLASSROOM 1202	52	D
D	53	RANGE STAFF LOUNGE 1111	50	2			4150 VA	1800 VA	1	20	DROPCORD. 3D ART CLASSROOM 1202	54	D
--	55	--	--	--	4150 VA	1800 VA			1	20	DROPCORD. 3D ART CLASSROOM 1202	56	D
D	57	STAFF LOUNGE 1111	20	1		1000 VA	1800 VA		1	20	DROPCORD. 3D ART CLASSROOM 1202	58	D
	59						900 VA		1	20	REC. 3D ART CLASSROOM 1202	60	D
D	61	REC. 1202B, 1203, 1202A	20	1	1080 VA	1000 VA			1	20	ROLL UP DOOR CLASSROOM 1203	62	D
D	63	REC. Room 1202B, 1203	20	1			1080 VA	1000 VA	1	20	FLUME HOOD ART CLASSROOM 1203	64	D
D	65	REC. 2D ART CLASSROOM 1203	20	1			720 VA	1000 VA	1	20	ROLL UP DOOR SHARED ACTIVITY 1203A	66	D
D	67	REC. 2D ART CLASSROOM 1203	20	1	900 VA	1080 VA			1	20	REC. ROOM 1202, 1203, 1200A	68	D
R	69	REC. Room 1200A, 1204	20	1			1080 VA	900 VA	1	20	REC. Room 1202, 1202B, 1203	70	D
R	71	REC. Room 1200A, 1204	20	1			1080 VA	900 VA	1	20	REC. Room 1202, 1202B, 1203, 1200A	72	D
D	73	REC. STAFF LOUNGE 1111	20	1	1000 VA							74	
D	75	REC. STAFF LOUNGE 1111	20	1		1000 VA						76	
D	77	REC. STAFF LOUNGE 1111	20	1			1000 VA					78	
	79										80		
	81										82		
	83										84		

Total Connected Load (VA): 29870 VA 24682 VA 21962 VA
 Total Connected Current (A): 252 209 183

Panel Totals			
L (125%) = 3020 VA			
R-10,000(100%) = 0 VA			
RECEPTS TOTAL = 3020 VA			
H (100%) = 0 VA			
Motor-LARGE (125%) = 3380 VA			
Motor-OTHER (100%) = 4840 VA			
MOTOR TOTAL = 8220 VA			
WH (100%) = 0 VA			
K (65%) = 0 VA			
A (100%) = 6950 VA			
D (80%) = 0 VA			
E (80%) = 0 VA			
Total Conn. Load: 76514 VA			
Total Conn. Current: 212 A			
Total Demand Load: 77190 VA			
Total Demand Current: 214 A			

Notes: L = LIGHTING, R = RECEPTACLES, Motor = MOTOR LOADS, H = ELECTRIC HEAT, WH = WATER HEATER, K = KITCHEN EQUIP., A = APPLIANCES, D = DEDICATED LOADS, SF = SUB-FEEDS, E = EQUIP.

PANEL: 1P07 PHASE: 3 VOLTAGE: 208Y120V SECTION FEED TYPE
 LOCATION: ELECTRICAL 1210A MOUNT: Surface WIRE: 4 1 BOTTOM WITH FEED THRU LUGS 250 A MCB
 TYPE: Type 1 POLES: 84 SF MAINS: No 2 TOP 2 BOTTOM 10,000 AIC MINIMUM
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LC	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	LC	
D	1	Receptacle CLASSROOM 1208	20	1	720 VA	900 VA			1	20	Receptacle COMPUTER LAB 1204	2	R
D	3	Receptacle CLASSROOM 1208	20	1		1080 VA	1080 VA		1	20	Receptacle SCIENCE PREP 1209A	4	D
D	5	Receptacle CLASSROOM 1206	20	1			1080 VA	1080 VA	1	20	Receptacle SCIENCE LAB 1209	6	D
D	7	Receptacle CLASSROOM 1208	20	1	900 VA	900 VA			1	20	Receptacle SCIENCE LAB 1209	8	D
D	9	Receptacle CLASSROOM 1207	20	1		720 VA	1260 VA		1	20	Receptacle SCIENCE LAB 1209	10	D
D	11	Receptacle CLASSROOM 1207	20	1			1080 VA	900 VA	1	20	Receptacle SCIENCE LAB 1209	12	D
D	13	Receptacle CLASSROOM 1207	20	1	900 VA	0 VA			1	20	Power SCIENCE PREP 1209A	14	D
D	15	Receptacle CLASSROOM 1206	20	1		720 VA	0 VA		1	20	Spare	16	--
--	17	Spare	0	1			0 VA	720 VA				18	D
D	19	Receptacle CLASSROOM 1206	20	1	900 VA	1080 VA			1	20	Receptacle CLASSROOM 1205	20	D
D	21	Receptacle CLASSROOM 1205	20	1		900 VA	900 VA		1	20	Receptacle COMPUTER LAB 1204	22	D
D	23	Receptacle COMPUTER LAB 1204	20	1		720 VA	720 VA		1	20	Receptacle COMPUTER LAB 1204	24	D
D	25	Receptacle COMPUTER LAB 1204	20	1	360 VA	360 VA			1	20	Receptacle COMPUTER LAB 1204	26	D
D	27	Receptacle COMPUTER LAB 1204	20	1		360 VA	360 VA		1	20	Receptacle COMPUTER LAB 1204	28	D
D	29	Receptacle COMPUTER LAB 1204	20	1			540 VA	0 VA	1	0	Spare	30	--
D	31	Receptacle COMPUTER LAB 1204	20	1	1080 VA	0 VA			1	0	Spare	32	--
--	33	Spare	0	1			0 VA	0 VA				34	--
--	35	Spare	0	1			0 VA	0 VA				36	--
--	37	Spare	0	1	0 VA	0 VA			1	0	Spare	38	--
--	39	Spare	0	1			0 VA	0 VA				40	--
--	41	Spare	0	1			0 VA	0 VA				42	--
D	43	Receptacle 1210A	20	1	180 VA	670 VA			1	20	EF-1 1210A	44	Motor
D	45	UPS 1210	30	2		1000 VA	1220 VA		1	20	EF-18.19 1000A	46	Motor
--	47	--	--	--			1000 VA	2600 VA	2	30	OCU-2	48	Motor
D	49	Receptacle 1210	20	1	720 VA	2600 VA			2	20		50	--
D	51	Receptacle 1210	20	1		540 VA	312 VA		2	20	OCU-1.2.3 1210, 1113, 1116	52	Motor
	53						312 VA		--	--		54	--
	55				890 VA				1	20	EF-2 PF-1.2 2209	56	Motor
	57					1352 VA			2	20	OCU-1 2209B	58	Motor
	59						1352 VA		--	--		60	--
	61										62		
	63										64		
	65										66		
	67										68		
	69										70		
	71										72		
	73										74		
	75										76		
	77										78		
	79										80		
	81										82		
	83										84		

Total Connected Load (VA): 13160 VA 11804 VA 12104 VA
 Total Connected Current (A): 110 98 101

Panel Totals			
L (125%) = 900 VA			
R-10,000(100%) = 0 VA			
RECEPTS TOTAL = 900 VA			
H (100%) = 0 VA			
Motor-LARGE (125%) = 4500 VA			
Motor-OTHER (100%) = 4018 VA			
MOTOR TOTAL = 12688 VA			
WH (100%) = 0 VA			
K (65%) = 0 VA			
A (100%) = 24860 VA			
D (100%) = 0 VA			
E (80%) = 0 VA			
Total Conn. Load: 37068 VA			
Total Conn. Current: 103 A			
Total Demand Load: 38368 VA			
Total Demand Current: 106 A			

Notes: L = LIGHTING, R = RECEPTACLES, Motor = MOTOR LOADS, H = ELECTRIC HEAT, WH = WATER HEATER, K = KITCHEN EQUIP., A = APPLIANCES, D = DEDICATED LOADS, SF = SUB-FEEDS, E = EQUIP.

PANEL: 1P06 PHASE: 3 VOLTAGE: 208Y120V SECTION FEED TYPE
 LOCATION: ELECTRICAL 1201 MOUNT: Surface WIRE: 4 1 BOTTOM WITH FEED THRU LUGS 225 A MCB
 TYPE: Type 1 POLES: 84 SF MAINS: No 2 TOP 2 BOTTOM 10,000 AIC MINIMUM
 3 N/A

LC	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	LC	
R	1	REC. Room 2201, 2000A	20	1	720 VA	720 VA			1	20	REC. BOOK STORAGE /WORK RM 2100C	2	D
D	3	REC. SCIENCE LAB 2201	20	1		1440 VA	1000 VA		1	20	REC. BOOK STORAGE /WORK RM 2100C	4	D
D	5	REC. SCIENCE LAB 2201	20	1			1080 VA	1080 VA	1	20	REC. LIBRARY 2100	6	D
D	7	REC. Room 2000, 2201A, 2201	20	1	1080 VA	1080 VA			1	20	REC. Room 2100B, 2100A, 2100C	8	D
D	9	REC. SCIENCE LAB 2201	20	1		1080 VA	1080 VA		1	20	REC. LIBRARY 2100	10	D
D	11	REC. SCIENCE LAB 2202	20	1			1080 VA	900 VA	1	20	REC. LIBRARY 2100	12	R
D	13	REC. SCIENCE LAB 2202	20	1	900 VA	1080 VA			1	20	REC. LIBRARY 2100	14	D
D	15	REC. SCIENCE LAB 2202	20	1		720 VA	1080 VA		1	20	REC. LIBRARY 2100	16	D
D	17	Fume Hood SCIENCE PREP 2201A	20	1			1000 VA	1080 VA	1	20	REC. Room 2102, 2103, 2100	18	D
D	19	REC. SCIENCE LAB 2202	20	1	900 VA	1080 VA			1	20	REC. Room 2100, 2101	20	D
D	21	REC. SCIENCE LAB 2202	20	1		720 VA	1080 VA		1	20	REC. COMPUTER LAB 2101	22	D
--	23	Spare	20	1			0 VA	1080 VA	1	20	REC. COMPUTER LAB 2101	24	D
D	25	Receptacle COMPUTER LAB 2203	20	1	720 VA	1080 VA			1	20	REC. COMPUTER LAB 2101	26	D
D	27	Receptacle COMPUTER LAB 2203	20	1		900 VA	1080 VA		1	20	REC. COMPUTER LAB 2101	28	D
	29							1080 VA	1	20	REC. COMPUTER LAB 2101	30	D
	31							1080 VA	1	20	REC. SCIENCE LAB 2201	32	D
	33					</							