

#	DESCRIPTION	LOAD	WIRE SIZE
1	HOUSE LIGHTS	1000 W	#12
2	HOUSE LIGHTS	1000 W	#12
3	HOUSE LIGHTS	1000 W	#12
4	FRONT OF HOUSE ELECTRIC	750 W	#12
5	FRONT OF HOUSE ELECTRIC	750 W	#12
6	FRONT OF HOUSE ELECTRIC	750 W	#12
7	FRONT OF HOUSE ELECTRIC	750 W	#12
8	FRONT OF HOUSE ELECTRIC	750 W	#12
9	FRONT OF HOUSE ELECTRIC	750 W	#12
10	ELECTRIC #1	575W	#12
11	ELECTRIC #1	575W	#12
12	ELECTRIC #1	575W	#12
13	ELECTRIC #1	575W	#12
14	ELECTRIC #1	575W	#12
15	ELECTRIC #1	575W	#12
16	ELECTRIC #1	575W	#12
17	ELECTRIC #2	575W	#12
18	ELECTRIC #2	575W	#12
19	ELECTRIC #2	575W	#12
20	ELECTRIC #2	575W	#12
21	ELECTRIC #2	575W	#12
22	ELECTRIC #2	575W	#12
23	ELECTRIC #2	575W	#12

MARK	MANUFACTURER	CATALOG NUMBER	FINISH	MOUNTING	TYPE	LAMPS	REMARKS	APPROVED MFR'S
A	WILLIAMS	50G-524-432-FA12125-EB4-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	4-F032/735		LITHONIA, METALUX, COLUMBIA
B	WILLIAMS	50G-524-332-FA12125-EB3-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	3-F032/735		LITHONIA, METALUX, COLUMBIA
C	WILLIAMS	50G-524-232-FA12125-EB2-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	2-F032/735		LITHONIA, METALUX, COLUMBIA
D	WILLIAMS	BLG-D24-332-W388B-EB3-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	3-F032/735		LITHONIA, METALUX, COLUMBIA
E	WILLIAMS	GL-4-45475H-WG11-EB4-208	WHITE	SURFACE ON STRUCTURE	FLUOR.	4-FP54/835/HO		LITHONIA, METALUX, COLUMBIA
F	WILLIAMS	81-4-432-WG14-EB4-120	WHITE	SURFACE ON STRUCTURE	FLUOR.	4-F032/735		LITHONIA, METALUX, COLUMBIA
G	INFINITY	AC90-200-A21F/MED-BLK-PM-120	BLACK	PENDANT	INC.	1-200A21		LITHONIA, HALO
H	INFINITY	PV60-132T-EB-GX24q-3-120	ALUM.	CEILING RECESSED	FLUOR.	1-CF320T/E/H/835		LITHONIA, HALO
J	PRESCOLITE	WB-4	WHITE		INC.	1-75A		
K	KIM	KEYLESS PORCELAIN WITH WIRE GUARD			INC.	1-75A		
L	PRESCOLITE	WB-18	ALUM.	WALL ABOVE MIRROR	INC.	2-75A		LITHONIA, HALO, HUBBELL
M	INFINITY	MHRL75-100-ED17/MED-120	WHITE	RECESSED	M.H.	1-MP-100/C/U/MED		
N	KIM	WD1802/400M208/OB-P/A-31	BRONZE	WALL, 24\"/>				

60 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	South Power Pole	2	North Plug Mold
3	South Power Pole	4	North Plug Mold
5	South Power Pole	6	space
7	North Power Pole	8	South Plug Mold
9	North Power Pole	10	South Plug Mold
11	North Power Pole	12	Ceiling Recept.
13	space	14	TVSS
15	space	16	TVSS
17	space	18	TVSS
19	space	20	space
21	space	22	space
23	space	24	space

600 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	40 A, 3P	#8	9.54KVA
2	175 A, 3P	#2/0	47.8KVA
3	125 A, 3P	#2	34.3KVA
4	50 A, 3P	#8	10.92KVA
5	35 A, 2P	#8	8.4KVA
6	35 A, 2P	#8	8.4KVA
7	35 A, 2P	#8	8.4KVA
8	35 A, 2P	#8	8.4KVA
9	35 A, 2P	#8	8.4KVA
10	60 A, 3P	#6	14.04KVA
11	15 A, 3P	#14	2908VA
12	80 A, 3P	SEE DIAGRAM	20.6KVA
13	100 A, 3P	SEE DIAGRAM	27.7KVA
14	60 A, 3P	SEE DIAGRAM	15.6KVA

100 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	lights rms 103, 104 & 105	2	lights room 123
3	lights multi-purpose room 4	4	lights room 122
5	lights multi-purpose room 6	6	lights room 120
7	lights multi-purpose room 8	8	lights room 114 & corr. 109
9	lights multi-purpose room 10	10	lights room 118
11	outside wallpack lights 12	12	lights rooms 110-113
13	outside wallpack lights 14	14	lights corr. 101 & restrooms
15	space	16	space
17	outside soffitt lights	18	space
19	space	20	space
21	space	22	space
23	space	24	space
25	space	26	space
27	space	28	space
29	space	30	space
31	space	32	space
33	space	34	space
35	space	36	space
37	space	38	space
39	space	40	space
41	space	42	space

2000 AMP MAIN		120/208 VOLTS 3 PHASE	
1	600 A, 3P	SEE DIAGRAM	209.7KVA
2	100 A, 3P	SEE DIAGRAM	17.6KVA
3	400 A, 3P	SEE DIAGRAM	115.6KVA
4	400 A, 3P	SEE DIAGRAM	101.6KVA
5	90 A, 3P	#3	15HP
6	600 A, 3P	SEE DIAGRAM	--

400 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	Freezer Condenser	2	Milk Cooler
3	Freezer Condenser	4	Spare Cash Register
5	Freezer Condenser	6	Ice Machine
7	Cooler Condenser	8	Cash Register
9	Cooler Condenser	10	misc. rept.
11	Cooler Condenser	12	Hot Water Heater Control
13	Slice	14	Spare Cash Register
15	20 Qt. Mixer	16	space
17	20 Qt. Mixer	18	space
19	HotProof Cabinet	20	space
21	SHUNT	22	space
23	Refrigerator	24	space
25	Disposal	26	space
27	Spare Circ.	28	space
29	space	30	space
31	space	32	space
33	space	34	space
35	space	36	space
37	space	38	space
39	space	40	space
41	space	42	space

100 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	recpts plat. rear	2	recpts plat. floor
3	recpts plat. front center	4	recpts plat. floor
5	recpts plat. front	6	recpts plat. floor
7	recpts scoreboard west	8	recpts scoreboard S&E
9	recpts multipurpose N&W	10	recpts scoreboard east
11	recpts room 105	12	recpts corr. 191 & room 107
13	recpts room 123	14	recpts room 113
15	recpts rooms 122 & 123	16	recpts room 114
17	recpts rooms 120 & 122	18	recpts room 118
19	recpts room 120	20	recpts room 113
21	recpts room 105	22	recpts room 110
23	recpts corr. 109	24	recpts room 112
25	recpt corr. 115	26	drinking fountain west
27	exhaust fan 119 & 121	28	outside recpts restrooms
29	recpts room 105	30	drinking fountain east
31	hand dryer girls rr	32	hand dryer boys rr
33	hand dryer girls rr	34	hand dryer boys rr
35	space	36	space
37	space	38	space
39	space	40	hot water heater
41	space	42	hot water heater

BRANCH CIRCUIT GROUNDING
ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE CIRCUIT CONDUCTORS. THIS MEANS ALL CONDUITS MUST HAVE A "GREEN" WIRE INSTALLED THAT IS SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250.

DUCT SMOKE DETECTORS
THE DUCT SMOKE DETECTOR SHALL BE A PHOTOELECTRIC TYPE WITH REMOTE CONTROL STATION SUITABLE FOR 120 VOLT OPERATION. THE REMOTE CONTROL STATION SHALL HAVE A RED ALARM LED, A GREEN POWER-ON LED, A PHOTOELECTRIC TONE-ALERT, A TONE-ALERT SILENCE AND A KEY SWITCH FOR SELECTING NORMAL OPERATING MODE OR TO INITIATE A TEST OR RESET OPERATION.
THE DUCT DETECTOR SHALL BE EQUAL TO SIMPLEX MODEL 4098-9687. THE REMOTE CONTROL STATION SHALL BE SIMPLEX MODEL 4098-9842.

43	Disposal	44	Freezer Coil
45	Slicer	46	Freezer Coil
47	misc. recpts.	48	Freezer Heat Tape
49	exh. fan dishwasher	50	Freezer/Cooler lights & door
51	misc. recpts.	52	Cooler Coil
53	shunt trip control	54	hot food unit
55	cold food unit	56	hot food unit
57	hot food unit	58	hot food unit
59	hot food unit	60	SHUNT
61	Disposal	62	hood controls & lights
63	Disposal	64	hood (exh. & makeup fans)
65	Disposal	66	hood (exh. & makeup fans)
67	Disposal	68	hood (exh. & makeup fans)
69	Disposal	70	Oven
71	Disposal	72	Oven
73	Dishwasher	74	Oven
75	Dishwasher	76	SHUNT
77	Dishwasher	78	Oven
79	Booster Heater	80	Oven
81	Booster Heater	82	Oven
83	Booster Heater	84	SHUNT

34 20 A, 3P #12 1.5HP 40 QT MIXER
* VERIFY ELECTRICAL REQUIREMENTS ** SHUNT-TRIP BREAKER

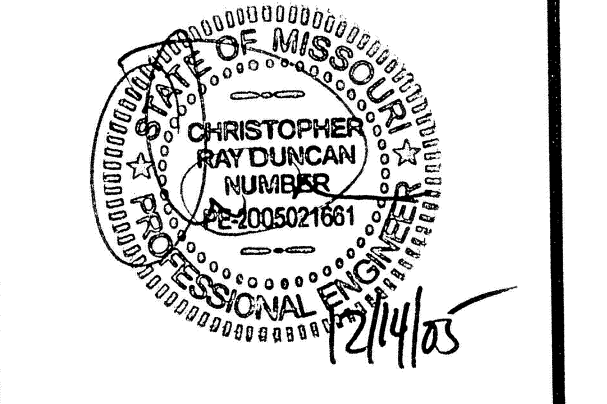
400 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	RTU-115	2	RTU-112
3	RTU-115	4	RTU-112
5	RTU-115	6	RTU-112
7	AHU-101	8	RTU-111
9	AHU-101	10	RTU-111
11	HP-101	12	RTU-111
13	HP-101	14	space
15	space	16	space
17	space	18	space
19	space	20	RTU-113
21	space	22	RTU-113
23	space	24	RTU-113
25	space	26	RTU-113
27	space	28	RTU-113
29	space	30	RTU-113
31	space	32	RTU-114
33	space	34	RTU-114
35	space	36	RTU-114
37	space	38	RTU-114
39	space	40	RTU-114
41	space	42	RTU-114

25	20 A, 1P	#12	1.5KVA	SCOREBOARD RECEPT.
26	20 A, 1P	#12	750VA	DRINKING FOUNTAIN
27	20 A, 1P	#12	750VA	DRINKING FOUNTAIN
28	20 A, 1P	#12	200VA	MAGNETIC HOLD-OPEN
29	20 A, 1P	#12	100W	EF-101

100 AMP MAIN BREAKER		120/208 VOLTS 3 PHASE	
1	lights media resource	2	lights cafeteria
3	lights read, prep & AV	4	lights kitchen
5	lights media resource	6	lights elev. & nurse
7	recpts. Media resource	8	recpts. Cafeteria
9	recpts. Media resource	10	recpts. Cafeteria
11	powerpole Media resource	12	recpts. Elev. & msc.
13	recpts. AV stor & office	14	Elev. Sump Pump
15	recpts.kit. Off. & room	15	Elev. Lights
17	ex. fan kit. restroom	18	Elev. Pit recpt.
19	ex. fan nurse restroom	20	space
21	space	22	space
23	space	24	space
25	space	26	space
27	space	28	space
29	space	30	space
31	space	32	space
33	space	34	space
35	space	36	space
37	space	38	space
39	space	40	space
41	space	42	space

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25	space	26	space
27	space	28	space
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33	space	34	space
35	space	36	space
37	space	38	space
39	space	40	space
41	space	42	space

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ADDITION AND ALTERATIONS TO EXISTING EUGENE FIELDS ELEMENTARY SCHOOL

MEXICO 59 SCHOOLS

AUDRIAN COUNTY MEXICO, MISSOURI

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ELECTRICAL SCHEDULES

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