

Branch Panel: H1															
Location:		Volts: 480/277 Wye				A.I.C. Rating:									
Supply From:		Phases: 3				Mains Type: MLO									
Mounting:		Wires: 4				Mains Rating: 225 A									
Enclosure:															
CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT		
1	Lighting	20 A	1	2400			7808						2		
3	Lighting	20 A	1	1200			7808			3	70 A	RTU-100	4		
5	Lighting	20 A	1		2400			7808					6		
7	Lighting	20 A	1	1200			7808						8		
9	Lighting	20 A	1		2400			7808					10		
11	Lighting	20 A	1			1200			7808				12		
13	Lighting / EF-101 / EF-102	20 A	1	3052			6000						14		
15	Lighting / EF-100	20 A	1		2441			6000		3	30 A	EWB-1	16		
17								6000					18		
19													20		
21													22		
23													24		
25													26		
27													28		
29													30		
31													32		
33													34		
35													36		
37				6145									38		
39	XFMR P1	80 A	3	11128			9383						40		
41													42		
Total Load:				34413 VA			38785 VA					34599 VA			
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals										
Lighting		14541 VA	125.00%	18176 VA											
Other		84113 VA	100.00%	84113 VA	Total Conn. Load:		107854 VA								
Power		9200 VA	100.00%	9200 VA	Total Est. Demand:		111489 VA								
				Total Est. Demand Current:				134 A							

Branch Panel: P1															
Location:		Volts: 120/208 Wye				A.I.C. Rating:									
Supply From:		Phases: 3				Mains Type: MCB									
Mounting:		Wires: 4				Mains Rating: 150 A									
Enclosure:															
CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT		
1	Power	20 A	1	500			500			1	20 A	Power	2		
3	Power	20 A	1		500			500		1	20 A	Power	4		
5	Power	20 A	1			500			500	1	20 A	Power	6		
7	Power GYMNASIUM 100	20 A	1	1260			1000			1	20 A	Scoreboard	8		
9	Power STORAGE 106	20 A	1		540			360		1	20 A	Power MEN'S 102	10		
11	Power WOMEN'S 104	20 A	1			360			1080	1	20 A	Power	12		
13	Power GYMNASIUM 100	20 A	1	180			180			1	20 A	Power	14		
15	Scoreboard	20 A	1		1000			6063		2	80 A	AHU-100	16		
17	CP-1	20 A	1		200			6063					18		
19	Power	20 A	1	500			1665			2	30 A	CU-100	20		
21	Power	20 A	1		500			1665					22		
23	Power	20 A	1			500			180	1	20 A	TV	24		
25	Power	20 A	1	360			0			1	20 A	Other GYMNASIUM 100	26		
27	Spare	20 A	1	0			0			1	20 A	Spare	28		
29	Spare	20 A	1	0			0			1	20 A	Spare	30		
31	Spare	20 A	1	0			0			1	20 A	Spare	32		
33	Space	--	--	0			0			1	20 A	Space	34		
35	Space	--	--	0			0			--	--	Space	36		
37	Space	--	--	0			0			--	--	Space	38		
39	Space	--	--	0			0			--	--	Space	40		
41	Space	--	--	0			0			--	--	Space	42		
Total Load:				6145 VA			11128 VA					9383 VA			
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals										
Other		17455 VA	100.00%	17455 VA											
Power		9200 VA	100.00%	9200 VA	Total Conn. Load:		26655 VA								
				Total Est. Demand:				26655 VA							
				Total Est. Demand Current:				74 A							

Lighting Fixture Schedule				
TYPE	MANUFACTURER	LAMP	VOLTAGE/WATTAGE	DESCRIPTION
A	METALUX # HBI-654T5-W-WG-UNV-EHT2-NUA	(6) 54W T5HO	277V/360W	LINEAR FLUORESCENT HIGH BAY FIXTURE WITH WIREGUARD AND ELECTRONIC BALLAST.
B	COLUMBIA # TRA24-232G-CLO-EU	(2) 32W T8 3500K	277V/60W	2x4' LAY-IN CEILING, RECESSED DIRECT/INDIRECT FIXTURE WITH WHITE PERFORATED ROUND DIFFUSER AND ELECTRONIC BALLAST.
BE	COLUMBIA # TRA24-232G-CLO-EU-EL	(2) 32W T8 3500K	277V/60W	SAME AS TYPE 'B' EXCEPT FIXTURE IS EQUIPPED WITH AN EMERGENCY BALLAST TO POWER (1) LAMP A MINIMUM OF 90 MINUTES.
C	PORTFOLIO # CD6042E-6CV142W1LI-WF	(1) 42W CFL 3500K	277V/45W	6" APERTURE, WIDE BEAM RECESSED DOWNLIGHT WITH LOW IRIDESCENT CLEAR REFLECTOR, WHITE PAINTED FLANGE AND ELECTRONIC BALLAST.
CE	PORTFOLIO # CD6042E-1EM-6CV142W1ELI-WF	(1) 42W CFL 3500K	277V/45W	SAME AS TYPE 'C' EXCEPT FIXTURE IS EQUIPPED WITH AN EMERGENCY BALLAST TO POWER LAMP A MINIMUM OF 90 MINUTES.
D	METALUX # 2GC8-232A125-UNV-EB81	(2) 32W T8	277V/60W	2x4' RECESSED FLUORESCENT TROFFER WITH .125" THICK ACRYLIC LENS AND ELECTRONIC BALLAST.
DE	METALUX # 2GC8-232A125-UNV-EB81	(2) 32W T8	277V/60W	2x4' RECESSED FLUORESCENT TROFFER WITH .125" THICK ACRYLIC LENS AND ELECTRONIC BALLAST.
E	CHLORIDE # CTX6N24WCSWF-WG5	(2) 12W HAL	277V/24W	WALL MOUNT EMERGENCY FIXTURE WITH NI-CAD BATTERY AND WIRE GUARD.
F	METALUX # SSF-232-UNV-EB81	(2) 32W T8	277V/60W	4' STANDARD STRIP FIXTURE WITH ELECTRONIC BALLAST.
G	MCGRAW-EDISON # LRC-816-7-LED-E1-WST	LED	277V/37W	RECESSED LED CANOPY FIXTURE. VERIFY EXACT FINISH WITH ARCHITECT PRIOR TO ORDERING.
X	LITHONIA # LOM-S-W-3-R-120/277-EL N	LED	277V/10W	LED EXIT SIGN WITH RED LETTERS AND NICKEL CADMIUM BATTERY. CONTRACTOR SHALL VERIFY EXACT MOUNTING, NUMBER OF FACES, AND NUMBER OF CHEVRONS PRIOR TO ORDERING.



DATE:
 • SEPTEMBER 2, 2014
 REVISED DATE:
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ROCKPORT R-2 HIGH SCHOOL GYMNASIUM ADDITION
 ROCKPORT R-2 SCHOOLS
 ROCKPORT R-2 - ROCKPORT HIGH SCHOOL - 600 S. NEBRASKA ST., ROCKPORT, MO

SHEET CONTENTS:
 ELECTRICAL SCHEDULES
 HTK PROJECT NUMBER:
 • 1307.04.002

SHEET NUMBER:
E200



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