

PANELBOARD: EX L														
LOCATION: GYM MOUNTING: Surface ENCL NEMA: Type 1 MIN AIC: EXISTING					MAINS: MCB VOLTS: 208/120 Wye PHASE: 3 WIRES: 4					AMPS: 200				
NOTE: NET REDUCTION THIS PANEL														
PANEL NOTES: PROVIDE GROUND BUS PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE														
WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE
...	EXISTING	1	20 A	...	1	0.00	0.00		2	...	20 A	1	EXISTING	...
...	EXISTING	1	20 A	...	3		0.00	0.00	4	...	20 A	1	EXISTING	...
...	EXISTING	1	20 A	...	5			0.00	6	...	20 A	1	EXISTING	...
...	EXISTING	1	20 A	...	7	0.00	0.00		8	...	20 A	1	EXISTING	...
...	EXISTING	1	20 A	...	9		0.00	0.00	10	...	20 A	1	EXISTING	...
...	EXISTING	1	20 A	...	11			0.00	12	...	20 A	1	EXISTING	...
...	EXISTING	2	20 A	...	13	0.00	0.00		14	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	15		0.00	0.00	16	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	17	0.00	0.00		18	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	19			0.00	20	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	21		0.00	0.00	22	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	23			0.00	24	...	20 A	2	EXISTING	...
...	EXISTING	2	20 A	...	25	0.00	0.18		26	...	20 A	1	AHU CONVENIENCE...	2#12, #120, 3/4"FC
...	EXISTING	2	20 A	...	27		0.00	0.00	28	...	20 A	1	SPARE	...
...	EXISTING	2	20 A	...	29			0.00	30	...	20 A	1	SPARE	...
...	EXISTING	2	20 A	...	31	0.00	0.00		32	...	20 A	1	SPARE	...
...	EXISTING	2	20 A	...	33			0.00	34	...	20 A	1	EXISTING	...
...	EXISTING	2	20 A	...	35	0.00	0.00		36	...	20 A	1	EXISTING	...
...	EXISTING	2	20 A	...	37	0.00	0.00		38	...	20 A	1	EXISTING	...
...	EXISTING	2	20 A	...	39			0.00	40	...	20 A	1	EXISTING	...
...	EXISTING	2	20 A	...	41			0.00	42	...	20 A	2	EXISTING	...
TOTAL LOAD:						0.18 kVA	0.00 kVA	0.00 kVA						

BREAKER TYPE KEYS:
 LO - INDICATES C.B. EQUIPPED WITH "LOCK-ON" DEVICE
 GF - INDICATES C.B. IS GROUND FAULT TYPE (5mA FOR PERSONNEL)
 ST - INDICATES C.B. EQUIPPED WITH SHUNT TRIP DEVICE
 HT - INDICATES C.B. EQUIPPED WITH 30mA GROUND FAULT FOR EQUIPMENT


Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
REC	0.18	100.00%	0.18	
				Total Conn. Load: 0.18 kVA
				Total Est. Demand: 0.18 kVA
				Total Conn. Current: 0.50 A
				Total Est. Demand Current: 0.50 A

PANELBOARD: PA														
LOCATION: BOILER ROOM MOUNTING: Surface ENCL NEMA: Type 1 MIN AIC: MATCH EXISTING					MAINS: 1000A MCB VOLTS: 480/277 Wye PHASE: 3 WIRES: 4					AMPS: 1000				
NOTE: UTILITY PROVIDED PEAK 12 MONTH KW ON THIS PANEL IS 259KW.														
PANEL NOTES: PROVIDE GROUND BUS PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE														
WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE
...	EXISTING	1	30 A	...	1	0.00	0.00		2	...	...	...	SPACE	...
...	SPACE	...	...	...	3		0.00	0.00	4	...	...	...	SPACE	...
...	SPACE	...	...	...	5			0.00	6	...	...	...	SPACE	...
...	EXISTING	3	20 A	...	7	0.00	0.00		8	...	...	...	EXISTING	...
...	EXISTING	3	20 A	...	9		0.00	0.00	10	...	...	...	EXISTING	...
...	EXISTING	3	20 A	...	11			0.00	12	...	...	...	EXISTING	...
...	EXISTING	3	20 A	...	13	0.00	0.00		14	...	...	...	EXISTING	...
...	EXISTING	3	20 A	...	15		0.00	0.00	16	...	...	...	EXISTING	...
...	EXISTING	3	125 A	...	17	0.00	0.00		18	...	...	...	EXISTING	...
...	EXISTING	3	125 A	...	19			0.00	20	...	...	...	EXISTING	...
...	EXISTING	3	125 A	...	21			0.00	22	...	...	...	EXISTING	...
...	EXISTING	3	125 A	...	23			0.00	24	...	...	...	EXISTING	...
...	EXISTING	3	225 A	...	25	0.00	0.00		26	...	...	...	EXISTING	...
...	EXISTING	3	225 A	...	27			0.00	28	...	...	...	EXISTING	...
...	EXISTING	3	225 A	...	29			0.00	30	...	...	...	EXISTING	...
...	EXISTING	3	400 A	...	31	0.00	0.00		32	...	...	...	EXISTING	...
...	100 AF SPACE	...	...	...	33			0.00	34	...	...	...	EXISTING	...
...	100 AF SPACE	...	...	...	35	0.00	13.08		36	...	...	...	EXISTING	...
...	100 AF SPACE	...	...	...	37	0.00	13.08		38	...	...	...	EXISTING	...
...	100 AF SPACE	...	...	...	39			0.00	40	...	...	...	EXISTING	...
...	100 AF SPACE	...	...	...	41	0.00	0.00		42	...	...	...	EXISTING	...
...	SPACE	...	...	...	43	0.00	0.00		44	...	...	...	EXISTING	...
...	SPACE	...	...	...	45			0.00	46	...	...	...	EXISTING	...
...	SPACE	...	...	...	47			0.00	48	...	...	...	EXISTING	...
TOTAL LOAD:						13.08 kVA	13.08 kVA	13.08 kVA						

BREAKER TYPE KEYS:
 LO - INDICATES C.B. EQUIPPED WITH "LOCK-ON" DEVICE
 GF - INDICATES C.B. IS GROUND FAULT TYPE (5mA FOR PERSONNEL)
 ST - INDICATES C.B. EQUIPPED WITH SHUNT TRIP DEVICE
 HT - INDICATES C.B. EQUIPPED WITH 30mA GROUND FAULT FOR EQUIPMENT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	39.24	100.00%	39.24	
				Total Conn. Load: 39.24 kVA
				Total Est. Demand: 39.24 kVA
				Total Conn. Current: 47.20 A
				Total Est. Demand Current: 47.20 A

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100% CD SET	01/06/2020
KITTRIDGE MAGNET SCHOOL GYM HVAC DESIGN 1633 E. Nancy Creek Drive Atlanta, Georgia 30319	
STANLEY LOVE STANLEY P A C ARCHITECTURE INTERIORS PLANNING PROGRAM MANAGEMENT 1186 SPRING STREET, N.W. ATLANTA, GEORGIA 30309-3819 404.576.0556 404.576.0487 fax www.stanleylove-stanleyjac.com	
DRAWING TITLE: ELECTRICAL SCHEDULES	
PROFESSIONAL SEAL:  CONSULTANT	
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DRAWING NO.	
DATE	01/06/2020
PROJECT NO.	6919.4
DRAWING NO.	
E-601	

01/06/2020 RELEASED FOR CONSTRUCTION