

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

LOAD SERVED	KVA / Phase			CKT BRKR	CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED				
	A	B	C						A	B	C					
POOL RECIRC. PUMP PP-1	0.90	---	---	3P-15	1		2	1P-20	0.36	---	---	RECPTS 1-603, 1-606				
	---	0.90	---		3		4	1P-20	---	1.50	---	CHEMICAL CONTROLLER				
	---	---	0.90		5		6	1P-20	---	---	1.20	UV CONTROL PANEL				
POOL JET PUMP PP-2	1.27	---	---	3P-20	7		8	1P-20	0.00	---	---	SPARE				
	---	1.27	---		9		10	1P-20	---	0.72	---	RECPTS 1-603				
	---	---	1.27		11		12	--	---	---	0.00	SPACE				
E-STOP BUTTON FOR PUMPS	0.20	---	---	1P-20	13		14	--	0.00	---	---	SPACE				
	---	0.55	---		15		16	--	---	0.00	---	SPACE				
	---	---	0.55		17		18	--	---	---	0.00	SPACE				
POOL MECHANICAL PUMP P-3	0.55	---	---	3P-20	19		20	--	0.00	---	---	SPACE				
	---	0.36	---		21		22	--	---	0.00	---	SPACE				
	---	---	0.36		23		24	--	---	---	0.00	SPACE				
POOL MECHANICAL PUMP P-4	---	0.36	---	1P-20	21		26	--	0.00	---	---	SPACE				
POOL RADIANT FLOOR PUMP P-5	---	---	0.36	1P-20	23		28	--	---	0.00	---	SPACE				
68UH-1 UNIT HEATER	0.19	---	---	1P-20	25		30	--	---	---	0.00	SPACE				
SPACE	---	0.00	---	--	27		32	--	0.00	---	---	SPACE				
SPACE	---	---	0.00	--	29		34	--	---	0.00	---	SPACE				
SPACE	0.00	---	---	--	31		36	--	---	---	0.00	SPACE				
SPACE	---	0.00	---	--	33		38	--	0.00	---	---	SPACE				
SPACE	---	---	0.00	--	35		40	--	---	0.00	---	SPACE				
SPACE	0.00	---	---	--	37		42	--	---	---	0.00	SPACE				
SPACE	---	0.00	---	--	39											
SPACE	---	---	0.00	--	41											
SUB TOTAL	3.11	3.08	3.08							0.36	2.22	1.20	SUB TOTAL			
										3.47	5.30	4.28				
C/B TEMP. 75 C.	RATING		120	208 V 3 PH 4 WIRE			LOAD TYPE		CONNECTED KVA			NEC DEM FACTOR	DEMAND KVA			
MOUNTING SURFACE		YES		X	NO		GENERAL LIGHTING		A	B	C	125%	A	B	C	
ISOLATED GROUND BUS		YES			NO		GENERAL USE		0.00	0.00	0.00		0.00	0.00	0.00	
MAIN CIRCUIT BREAKER	X	YES			NO		RECEPT		0.36	0.72	0.00	<=10 KVA@100%	0.36	0.72	0.00	
SERVICE ENTR. RATED		YES		X	NO		MOTORS AND EQUIPMENT		LARGEST	1.27	1.27	1.27	>10KVA@50%	0.00	0.00	0.00
MINIMUM AIC (K AMPS)							DEDICATED RECEPT		1.65	3.31	3.01	100%	1.65	3.31	3.01	
NEC RATING 225A						FIX. ELEC. SPACE HEAT		0.00	0.00	0.00	100%	0.00	0.00	0.00		
BUS RATING 400A								0.19	0.00	0.00		0.19	0.00	0.00		
NEUTRAL RATING 100%																
			</													

ALT #1

LOAD SERVED	KVA / Phase			CKT BRKR	CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED									
	A	B	C						A	B	C										
SPACE	0.00	---	---	---	1		2	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	3		4	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	5		6	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	7		8	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	9		10	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	11		12	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	13		14	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	15		16	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	17		18	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	19		20	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	21		22	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	23		24	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	25		26	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	27		28	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	29		30	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	31		32	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	33		34	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	35		36	--	---	---	0.00	SPACE									
SPACE	0.00	---	---	---	37		38	--	0.00	---	---	SPACE									
SPACE	---	0.00	---	---	39		40	--	---	0.00	---	SPACE									
SPACE	---	---	0.00	---	41		42	--	---	---	0.00	SPACE									
SUB TOTAL	0.00	0.00	0.00							0.00	0.00	0.00	SUB TOTAL								
													0.00	0.00	0.00	TOTAL					
C/B TEMP. 75 C.	RATING		120	208	V	3	PH	4	WIRE	LOAD TYPE			CONNECTED KVA			NEC DEM FACTOR		DEMAND KVA			
MOUNTING SURFACE			YES		X				NO	GENERAL LIGHTING			0.00	0.00	0.00	125%		0.00	0.00	0.00	
ISOLATED GROUND BUS			YES		X				NO	GENERAL USE			0.00	0.00	0.00	<=10 KVA@100%		0.00	0.00	0.00	
MAIN CIRCUIT BREAKER			YES		X				NO	RECEPT			0.00	0.00	0.00	>10KVA@50%		0.00	0.00	0.00	
SERVICE ENTR. RATED			YES		X				NO	MOTORS AND EQUIPMENT			LARGEST	0.00	0.00	0.00	125%		0.00	0.00	0.00
MINIMUM AIC (K AMPS)										ALL OTHERS			0.00	0.00	0.00	100%		0.00	0.00	0.00	
MCB RATING MLO										DEDICATED RECEPT			0.00	0.00	0.00	100%		0.00	0.00	0.00	
BUS RATING 200A																					
NEUTRAL RATING 100%																					
NOTE: ALL MOTOR CIRCUIT BREAKERS MUST BE HACR RATED.										TOTAL KVA PER PHASE			0.00	0.00	0.00	0.00			0.00	0.00	0.00
										TOTAL DEMAND AMPERES PER PHASE						0			0	0	
										PANEL / FEEDER (TOTAL KVA)											0.00
EXISTING PANEL '69G'										(TOTAL KVA) X 1000 = TOTAL AMPS											
										VOLTS X 1.732											

NOTE: ALL MOTOR CIRCUIT BREAKERS MUST BE HACR RATED.

EXISTING PANEL '69G'

LOAD SERVED	KVA / Phase			CKT BRKR	CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED
	A	B	C						A	B	C	
RECPT 1-121,1-122A,1-223,1-133	1.08	---	---	1P-20	1		2	1P-20	1.20	---	---	J-BOX SOUND BOOTH
	---	1.08	---		3		4	1P-20	---	1.20	---	J-BOX SOUND BOOTH
	---	---	1.08		5		6	1P-20	---	---	1.20	J-BOX SOUND BOOTH
RECPT 388,1-403,1-404,1-416A	---	---	---	1P-20	7		8	1P-20	1.20	---	---	J-BOX SOUND BOOTH
	0.93	---	---		9		10	1P-20	---	1.20	---	J-BOX SOUND BOOTH
	---	1.20	---		11		12	1P-20	---	---	1.20	J-BOX SOUND BOOTH
J-BOX SOUND BOOTH	---	---	---	1P-20	13		14	1P-20	0.00	---	---	SPARE
	---	0.00	---		15		16	2P-30	---	0.00	---	SPARE
	---	---	0.00		17		18	--	---	---	0.00	SPACE
SPACE	0.00	---	---	--	19		20	--	0.00	---	---	SPACE
	---	0.00	---		21		22	--	---	0.00	---	SPACE
	---	---	0.00		23		24	--	---	---	0.00	SPACE
SPACE	0.00	---	---	--	25		26	--	0.00	---	---	SPACE
	---	0.00	---		27		28	--	---	0.00	---	SPACE
	---	---	0.00		29		30	--	---	---	0.00	SPACE
SPACE	0.00	---	---	--	31		32	--	0.00	---	---	SPACE
	---	0.00	---		33		34	--	---	0.00	---	SPACE
	---	---	0.00		35		36	--	---	---	0.00	