

LOADS				PANEL A				LOADS							
LTG	REC	MOTOR	HEAT	P	LOAD	CB	PHASE	CB	LOAD	P	LOAD	CB	PHASE	CB	LOAD
1427				1	OFFICE/TOILET	20/1	+1-1	20/1	OFFICES	2	1408				
1220				3	MECH. ROOM/OFFICE	20/1	+1-1	20/1	OFFICES	4	1523				
1228				5	MEN/WOMEN RESTROOMS	20/1	+1-1	20/1	COPY RM. ADM. SECRETARY	6	1408				
1842				7	LOUNGE, OFC. STOR., JAN	20/1	+1-1	20/1	TRACK LIGHTS	8	1550				
1407				9	EXTERIOR LIGHTS	20/1	+1-1	20/1	SPARE	10	1550				
1800				11	CONF. DIR. D. DIR. RM.	20/1	+1-1	20/1	OFFICES	14	1820				
1820				13	CONF. DIR. D. DIR. RM.	20/1	+1-1	20/1	OFFICES	16	1820				
1820				17	CONF. DIR. D. DIR. RM.	20/1	+1-1	20/1	OFFICES	18	1440				
1440				18	CONF. LOB. HAN. TOIL. OFC.	20/1	+1-1	20/1	OFC. MECH. ELE. RMS	20	1440				
1440				21	CONF. LOB. HAN. TOIL. OFC.	20/1	+1-1	20/1	OFC. MECH. ELE. RMS	22	1820				
1820				23	CONF. LOB. HAN. TOIL. OFC.	20/1	+1-1	20/1	OFC. MECH. ELE. RMS	24	1440				
1820				25	LOUNGE, K.V. RMS., STOR.	20/1	+1-1	20/1	DEDICATED	26	180				
180				27	DEDICATED	20/1	+1-1	20/1	DEDICATED	28	180				
180				29	DEDICATED	20/1	+1-1	20/1	DEDICATED	30	180				
180				31	DEDICATED	20/1	+1-1	20/1	SPARE	32	720				
180				33	C. U. 'S RECEPT.	20/1	+1-1	20/1	SPARE	34	34				
720				35	COPY ROOM	20/1	+1-1	20/1	SPARE	35	34				
3000				37	INSTANT WTR. HTR.	40	+1-1	40	WATER HEATER	38	3000				
3000				38	INSTANT WTR. HTR.	2	+1-1	2	WATER HEATER	40	3000				
41				41	SPARE	20/1	+1-1	20/1	WATER HEATER	42	3000				
7.0	12.6	0.0	0.0	VOLTAGE: 120/208, 3PH, 4W				REMARKS:				7.4	10.1	0.0	9.0
SUB TOTALS KW				BUS RATING: 225 AMP				MAIN: NED				SUB TOTALS KW			
PHASE LOADING				MOUNTING SURFACE				CONNECTED KW TOTALS				DEMAND			
6.0	8.8	0.0	0.0	PHASE A				14.5				22.9			
5.7	6.7	0.0	0.0	PHASE B				1.00				1.00			
2.7	7.4	0.0	3.0	PHASE C				18.1				22.9			
TOTALS				TOTALS				TOTAL CONNECTED KW				TOTAL ADJUSTED KW			
20.8	18.4	13.1		TOTALS				52.3				55.9			
PROJECT NAME: ADMIN. BUILDING-CLY DETENTION CENTER				CONV NO: 07-91149				TOTAL PHASE VOLTAGE				208			
FILE NAME: A-149.WS				THREE PHASE LIGHTING PANEL LOAD SUMMARY				TOTAL PANEL AMPERAGE				155			

LOADS				PANEL E				LOADS							
LTG	REC	MOTOR	HEAT	P	LOAD	CB	PHASE	CB	LOAD	P	LOAD	CB	PHASE	CB	LOAD
1095				1	CORRIDOR	20/1	+1-1	20/1	CONFERENCE ROOM	2	1081				
1095				3	CORRIDOR/TOILET	20/1	+1-1	20/1	CONFERENCE ROOM	4	1081				
880				5	DEP. DIRECTOR	20/1	+1-1	20/1	DIRECTOR ROOM	6	1056				
1204				7	SECRETARY	20/1	+1-1	20/1	INTERPHONE	8	180				
1204				9	SECRETARY	20/1	+1-1	20/1	INTERPHONE	10	180				
180				11	SECURITY SYSTEM	20/1	+1-1	20/1	INTERPHONE	12	180				
180				13	ELECTRIC LOCK	20/1	+1-1	20/1	SPARE	14					
				15	SPARE				SPARE	16					
				17	SPARE				SPARE	18					
				18	SPARE				SPARE	20					
				21	SPARE				SPARE	22					
				23	SPARE				SPARE	24					
				25	SPARE				SPARE	26					
				27	SPARE				SPARE	28					
				29	SPARE				SPARE	30					
				31	SPARE				SPARE	32					
				33	SPARE				SPARE	34					
				35	SPARE				SPARE	36					
				37	SPARE				SPARE	38					
				38	SPARE				SPARE	40					
				41	SPARE				SPARE	42					
5.5	4.0	0.0	0.0	VOLTAGE: 120/208, 3PH, 4W				REMARKS:				3.2	5.0	0.0	
SUB TOTALS KW				BUS RATING: 80 AMP				MAIN: NED				SUB TOTALS KW			
PHASE LOADING				MOUNTING SURFACE				CONNECTED KW TOTALS				DEMAND			
3.4	4.0	0.0	0.0	PHASE A				8.7				5.0			
0.0	0.0	0.0	0.0	PHASE B				1.00				1.00			
1.9	0.0	0.0	0.0	PHASE C				10.9				5.0			
TOTALS				TOTALS				TOTAL CONNECTED KW				TOTAL ADJUSTED KW			
5.5	4.0	0.0	0.0	TOTALS				14.6				11.0			
PROJECT NAME: ADMIN. BUILDING-CLY DETENTION CENTER				CONV NO: 07-91149				TOTAL PHASE VOLTAGE				208			
FILE NAME: E-149.WS				THREE PHASE LIGHTING PANEL LOAD SUMMARY				TOTAL PANEL AMPERAGE				51			

LOADS				PANEL M1				LOADS							
LTG	REC	MOTOR	HEAT	P	LOAD	CB	PHASE	CB	LOAD	P	LOAD	CB	PHASE	CB	LOAD
				1	CU-1	25	+1-1	25	CU-7	2	1300				
				3	CU-1	35	+1-1	35	CU-7	4	1300				
				5	CU-2	35	+1-1	35	CU-8	6	1893				
				7	CU-2	25	+1-1	25	CU-8	8	1893				
				9	CU-3	25	+1-1	25	CU-9	10	1893				
				11	CU-3	35	+1-1	35	CU-9	12	1893				
				13	CU-4	35	+1-1	35	CU-10	14	1893				
				15	CU-4	25	+1-1	25	CU-10	16	1893				
				17	CU-5	25	+1-1	25	CU-11	18	1893				
				19	CU-5	35	+1-1	35	CU-11	20	1893				
				21	CU-6	25	+1-1	25	ET-1	22	330				
				23	CU-6	35	+1-1	35	STOR./WALL WASHING FIT	24	300				
				25	SPARE	20/1	+1-1	20/1	SPARE	26					
				27	SPARE	20/1	+1-1	20/1	SPARE	28					
				29	SPARE	20/1	+1-1	20/1	SPARE	30					
				31	SPARE	20/1	+1-1	20/1	SPARE	32					
				33	SPARE				SPARE	34					
				35	SPARE				SPARE	36					
				37	SPARE				SPARE	38					
				38	SPARE				SPARE	40					
				41	SPARE				SPARE	42					
0.0	0.0	18.0	0.0	VOLTAGE: 120/208, 3PH, 4W				REMARKS: HACR CIRCUIT BREAKERS				0.3	0.0	18.1	0.0
SUB TOTALS KW				BUS RATING: 225 AMP				MAIN: NED				SUB TOTALS KW			
PHASE LOADING				MOUNTING SURFACE				CONNECTED KW TOTALS				DEMAND			
0.0	0.0	13.4	0.0	PHASE A				3.0				36.0			
0.0	0.0	11.2	0.0	PHASE B				1.25				1.00			
3.0	0.0	11.5	0.0	PHASE C				4.0				36.0			
TOTALS				TOTALS				TOTAL CONNECTED KW				TOTAL ADJUSTED KW			
3.0	0.0	11.5	0.0	TOTALS				18.25				37.0			
PROJECT NAME: ADMIN. BUILDING-CLY DETENTION CENTER				CONV NO: 07-91149				TOTAL PHASE VOLTAGE				208			
FILE NAME: M1-149.WS				THREE PHASE LIGHTING PANEL LOAD SUMMARY				TOTAL PANEL AMPERAGE				101			

LOADS				PANEL M2				LOADS							
LTG	REC	MOTOR	HEAT	P	LOAD	CB	PHASE	CB	LOAD	P	LOAD	CB	PHASE	CB	LOAD
				1	FC-1, 2 #10, 1 #10	25	+1-1	25	FC-7, 2 #10, 1 #10	2	1875				
				3	FC-2, 2 #10, 1 #10	40	+1-1	40	FC-8, 2 #10, 1 #10	4	1875				
				5	FC-3, 2 #10, 1 #10	25	+1-1	25	FC-9, 2 #10, 1 #10	6	2800				
				7	FC-4, 2 #10, 1 #10	40	+1-1	40	FC-10, 2 #10, 1 #10	8	2800				
				9	FC-5, 2 #10, 1 #10	25	+1-1	25	FC-11, 2 #10, 1 #10	10	1875				
				11	FC-6, 2 #10, 1 #10	40	+1-1	40	AREA LIGHTING	12	400				
				13	FC-7, 2 #10, 1 #10	25	+1-1	25	LIGHTING CONTRACTOR	14	180				
				15	SPARE	20/1	+1-1	20/1	SPARE	16					
				17	SPARE	20/1	+1-1	20/1	SPARE	18					
				19	SPARE	20/1	+1-1	20/1	SPARE	20					
				21	SPARE	20/1	+1-1	20/1	SPARE	22					
				23	SPARE	20/1	+1-1	20/1	SPARE	24					
				25	SPARE	20/1	+1-1	20/1	SPARE	26					
				27	SPARE	20/1	+1-1	20/1	SPARE	28					
				29	SPARE	20/1	+1-1	20/1	SPARE	30					
				31	SPARE	20/1	+1-1	20/1	SPARE	32					
				33	SPARE				SPARE	34					