

MAINS: 1000A MLD VOLTAGE: 120/208 PHASE: 3 PHASE - 4 WIRE MOUNTING: SURFACE										PANEL 'MDP' DATA SHEET						
LOAD DESCRIPTION	RECEP LB	MECH LB	LIGHT LB	WIRE SIZE	CIRCUIT AMP	CIRCUIT POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT POLE	CIRCUIT AMP	WIRE SIZE	LIGHT LB (VA)	MECH LB (VA)	RECEP LB (VA)	LOAD DESCRIPTION
BOOSTER PUMP - 1		2100		#10	35	3	1	A	2	3	40	#8	3333			ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1		2100		#10	35	3	3	B	4	3	40	#8	3333			ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1		2100		#10	35	3	5	C	6	3	40	#8	3333			ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1				#10	35	3	7	A	8	3	45	#8	3960			ENERGY RECOVERY VENTILATOR - 1
BOOSTER PUMP - 1				#10	35	3	9	B	10	3	45	#8	3960			ENERGY RECOVERY VENTILATOR - 1
BOOSTER PUMP - 1				#10	35	3	11	C	12	3	45	#8	3960			ENERGY RECOVERY VENTILATOR - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	13	A	14	3	110	#2	10000			UNIT HEATER - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	15	B	16	3	110	#2	10000			UNIT HEATER - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	17	C	18	3	110	#2	10000			UNIT HEATER - 1
HEAT RECOVERY UNIT - 2		5016		#6	70	3	19	A	20	3	110	#2	10000			UNIT HEATER - 2
HEAT RECOVERY UNIT - 2		5016		#6	70	3	21	B	22	3	110	#2	10000			UNIT HEATER - 2
HEAT RECOVERY UNIT - 2		5016		#6	70	3	23	C	24	3	110	#2	10000			UNIT HEATER - 2
FIRE PROTECTION PRESSURE MAINT. PUMP	936			#12	20	3	25	A	26	3	110	#2	10000			UNIT HEATER - 3
FIRE PROTECTION PRESSURE MAINT. PUMP	936			#12	20	3	27	B	28	3	110	#2	10000			UNIT HEATER - 3
FIRE PROTECTION PRESSURE MAINT. PUMP	936			#12	20	3	29	C	30	3	110	#2	10000			UNIT HEATER - 3
PANEL 'F1'	8140			#1/0	150	3	31	A	32	3	20	#12	1100			UNIT HEATER - 4
PANEL 'F1'	8140			#1/0	150	3	33	B	34	3	20	#12	1100			UNIT HEATER - 4
PANEL 'F1'	8140			#1/0	150	3	35	C	36	3	20	#12	1100			UNIT HEATER - 4
PANEL 'B'	6633			#1/0	150	3	37	A	38	3	300	#3/0	14700			ELEVATOR
PANEL 'B'	6633			#1/0	150	3	39	B	40	3	300	#3/0	14700			ELEVATOR
PANEL 'B'	6633			#1/0	150	3	41	C	42	3	300	#3/0	14700			ELEVATOR
PANEL 'SB'	3007			#3	100	3	43	A	44	3	225	#4/0	6356			PANEL 'F2'
PANEL 'SB'	3007			#3	100	3	45	B	46	3	225	#4/0	6356			PANEL 'F2'
PANEL 'SB'	3007			#3	100	3	47	C	48	3	225	#4/0	6356			PANEL 'F2'
SPACE				-	225	3	49	A	50	3	225	-				SPACE
SPACE				-	225	3	51	B	52	3	225	-				SPACE
SPACE				-	225	3	53	C	54	3	225	-				SPACE
SPACE				-	100	3	55	A	56	3	100	-				SPACE
SPACE				-	100	3	57	B	58	3	100	-				SPACE
SPACE				-	100	3	59	C	60	3	100	-				SPACE

MAINS: 100A MLD VOLTAGE: 120/208 PHASE: 3 PHASE - 4 WIRE MOUNTING: SURFACE														PANEL 'SB' DATA SHEET			
LOAD DESCRIPTION	RECEP LB	MECH LB	LIGHT LB	WIRE SIZE	CIRCUIT AMP	BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	BREAKER POLE	AMP	WIRE SIZE	LIGHT LB (VA)	MECH LB (VA)	RECEP LB (VA)	LOAD DESCRIPTION	
EXHAUST FAN - 1		112		#12	20	1	1	A	2	1	20	#12	120	200		ELEVATOR CAB LIGHTS, VENTILATION, ETC	
FAN COIL UNIT - 1		291		#12	15	2	3	B	4	1	20	#12	62		180	ELEVATOR CONTROL LIGHTS, RECEPTACLE	
FAN COIL UNIT - 1		291		#12	15	2	5	C	6	1	20	#12	50		360	ELEVATOR SHAFT LIGHTS, RECEPTACLE	
SUMP PUMP - 1		1176		#12	20	1	7	A	8	1	20	#12	550			EMERGENCY LIGHTING UPS	
BRANCH SELECTOR BOX - 1		6		#12	20	2	9	B	10	1	20	#12	36			FLAG LIGHTING	
BRANCH SELECTOR BOX - 1		6		#12	20	2	11	C	12	1	20	#12		1656		ELEVATOR PUMP - 1	
MECHANICAL RECEPTACLES	720			#12	20	1	13	A	14	1	20	#12				SPACE	
WORK AREA RECEPTACLES	900			#12	20	1	15	B	16	1	20	#12				SPACE	
SUB-BASEMENT LIGHTS			713	#12	20	1	17	C	18	1	20	#12				SPACE	
TELEPHONE BOARD	360			#12	20	1	19	A	20	1	20	#12				SPACE	
DATA RACK	360			#12	20	1	21	B	22	1	20	#12				SPACE	
HVAC CONTROL CABINET		100		#12	20	1	23	C	24	1	20	#12	23			SPACE	
WORK AREA RECEPTACLES	360			#12	20	1	25	A	26	1	20	#12				SPACE	
SPARE				#12	20	1	27	B	28	1	20	#12				SPACE	
SPARE				#12	20	1	29	C	30	1	20	#12				SPACE	
SPARE				#12	20	1	31	A	32	1	20	#12				SPACE	
SPARE				#12	20	1	33	B	34	1	20	#12				SPACE	
SPARE				#12	20	1	35	C	36	1	20	#12				SPACE	
SPARE				#12	20	1	37	A	38	1	20	#12				SPACE	
SPARE				#12	20	1	39	B	40	1	20	#12				SPACE	
SPARE				#12	20	1	41	C	42	1	20	#12				SPACE	
				CONNECTED LOAD (VA)		DEMAND LOAD (VA)											
LIGHTING:				1554		1943						3598					
RECEPTACLE:				3240		3240						1835					
MECHANICAL:				3838		3838						3199					
LARGEST MOTOR:				0		0											
TOTAL LOAD:				8632		9021						49%					
										MAXIMUM IMBALANCE:		25%					
										MIN. FEEDER CAPACITY:							

MAINS: 150A MLD VOLTAGE: 120/208 PHASE: 3 PHASE - 4 WIRE MOUNTING: FLUSH														PANEL 'B' DATA SHEET			
LOAD DESCRIPTION	RECEP LB	MECH LB	LIGHT LB	WIRE SIZE	CIRCUIT BREAKER		CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER		WIRE SIZE	LIGHT LB (VA)	MECH LB (VA)	RECEP LB (VA)	LOAD DESCRIPTION	
					AMP	POLE				POLE	AMP						
SOUTHWEST OFFICE RECEPTACLES	720			#12	20	1	1	A	2	2	20	#12		842		FAN COILS 2-6, BRANCH SELECTOR - 2	
SOUTHWEST OFFICE RECEPTACLES	900			#12	20	1	3	B	4	2	20	#12		842		FAN COILS 2-6, BRANCH SELECTOR - 2	
NORTHWEST OFFICE RECEPTACLES	720			#12	20	1	5	C	6	1	20	#12		480		RE-CIRCULATION PUMP - 1	
NORTHWEST OFFICE RECEPTACLES	540			#12	20	1	7	A	8	2	30	#10		2250		WATER HEATER - 1	
NORTHEAST OFFICE RECEPTACLES	720			#12	20	1	9	B	10	2	30	#10		2250		WATER HEATER - 1	
NORTHEAST OFFICE RECEPTACLES	900			#12	20	1	11	C	12	1	20	#12			540	MAIN ENTRY RECEPTACLE	
BATHROOM RECEPTACLES	540			#12	20	1	13	A	14	1	20	#12			360	MAIN ENTRY RECEPTACLE	
WATER COOLERS		1200		#12	20	3 FC1	1	B	15	1	20	#12			360	NORTH EXTERIOR RECEPTACLES	
SOUTHEAST OFFICE RECEPTACLES	720			#12	20	1	17	C	18	1	20	#12			360	WEST RAMP RECEPTACLES	
SOUTHEAST OFFICE RECEPTACLES	720			#12	20	1	19	A	20	1	20	#12		500		FIRE ALARM PANEL	
WEST LIGHTS			1000	#12	20	1	21	B	22	1	20	#12				SPARE	
HALL LIGHTS			707	#12	20	1	23	C	24	1	20	#12				SPARE	
EAST LIGHTS			1040	#12	20	1	25	A	26	1	20	#12				SPARE	
SPARE				#12	20	1	27	B	28	1	20	#12				SPARE	
SPARE				#12	20	1	29	C	30	1	20	#12				SPARE	
SPARE				#12	20	1	31	A	32	1	20	#12				SPARE	
SPARE				#12	20	1	33	B	34	1	20	#12				SPARE	
SPARE				#12	20	1	35	C	36	1	20	#12				SPARE	
SPARE				#12	20	1	37	A	38	1	20	#12				SPARE	
SPARE				#12	20	1	39	B	40	1	20	#12				SPARE	
SPARE				#12	20	1	41	C	42	1	20	#12				SPARE	
SPARE				#12	20	1	43	A	44	1	20	#12				SPARE	
SPARE				#12	20	1	45	B	46	1	20	#12				SPARE	
SPARE				#12	20	1	47	C	48	1	20	#12				SPARE	
SPARE				#12	20	1	49	A	50	1	20	#12				SPARE	
SPARE				#12	20	1	51	B	52	1	20	#12				SPARE	
SPARE				#12	20	1	53	C	54	1	20	#12				SPARE	
SPARE				#12	20	1	55	A	56	1	20	#12				SPARE	
SPARE				#12	20	1	57	B	58	1	20	#12				SPARE	
SPARE				#12	20	1	59	C	60	1	20	#12				SPARE	
				CONNECTED LOAD (VA)		DEMAND		LOAD (VA)									
LIGHTING:				2747				3434		TOTAL FOR PHASE A:		7512					
RECEPTACLE:				8100				8100		TOTAL FOR PHASE B:		7272					
MECHANICAL:				8364				8364		TOTAL FOR PHASE C:		4427					
LARGEST MOTOR:				0				0									
TOTAL LOAD:				19211				19698		MAXIMUM IMBALANCE:		41%					
										MIN. FEEDER AMPACITY:		55					