

REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	LIGHTING			AMPS PER PHASE GEN. RECEPT.			SPECIAL			BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	PANELBOARD SCHEDULE
				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
1B17,1B19/REC	1	20	1				7.5						20	1	2	1B23,1B4/REC	Panel <u>      </u> N21B Service <u>  3  </u> Phase <u>  4  </u> Wire ☒ 208Y/120V ☐ 480Y/277V Main Bkr. <u>      </u> A <u>      </u> P Lugs Only <u>  125  </u> A <u>  10,000  </u> AIC Minimum ☒ Surface mounted panel ☐ Freestanding Switchboard ☒ 200% Neutral Bar Remarks CONNECTED AMPS ØA = 96.8 ØB = 92.8 ØC = 72.6 DIVERSIFIED AMPS ØA = 86.7 ØB = 84.2 ØC = 72.6
1B15,1B17/REC	3	20	1				9.0						20	1	4	1B19,1B23,1B23,1B4/REC	
1B13,1B15,1B17/REC	5	20	1				6.0	7.5					20	1	6	1B17/REC	
1B12,1B14,1B16/REC	7	20	1				5.0						20	1	8	1B10/REC	
1B10/K4665	9	20	1							12.5			20	1	10	1B10/R7000	
1B10/K1552	11	20	1							15.0			20	1	12	1B08/REC	
1B01,1B03,1B2/REC	13	20	1				6.0						20	1	14	1B04,1B09,1B11/REC	
1B01/REC	15	20	1				6.0						20	1	16	1B04/REC	
1B02,1B03,1B04,1B1/REC	17	20	1				3.0	7.5					20	1	18	1B05,1B07/REC	
1B04/REC	19	20	1				6.0						20	1	20	1B04,1B06/REC	
1B04/REC	21	20	1				7.5						20	1	22	1B06/REC	
1B04/L0990	23	20	1							3.0			20	1	24	1B04/L2540	
ELEVATOR SUMP PUMP	25	20	1							7.0			—	—	26	SPARE	
ELEVATOR RECEPTACLE	27	20	1							4.5			20	1	28	1B19, 1B23 (x5900)	
ELEVATOR LT. & SW.	29	20	1				1.0						20	1	30	1B04/L7330	
1B04/HOOD (L2290)	31	20	1							16.0			20	2	32	1B17 (x4160)	
EF1-2	33	20	1							15.0			—	—	34		
AC-1/ROOF	35	20	1							0.6			20	1	36	1B17/M1800	
ACCU-3	37	20	2							7.8			20	1	38	SPARE	
	39									7.8			20	1	40	SPARE	
ELEVATOR SHUTDOWN	41	20	1							1.0			20	1	42	SPARE	
TOTAL CONNECTED LOAD (AMPS)							1.0	48.0	45.0	27.0	48.8	55.0	45.6				

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				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
2D10/REC	1	20	1				10.5						20	1	2	2D11,2D13/REC	Panel <u>      </u> N22B Service <u>  3  </u> Phase <u>  4  </u> Wire ☒ 208Y/120V ☐ 480Y/277V Main Bkr. <u>      </u> A <u>      </u> P Lugs Only <u>  125  </u> A <u>  10,000  </u> AIC Minimum ☒ Surface mounted panel ☐ Freestanding Switchboard ☒ 200% Neutral Bar Remarks CONNECTED AMPS ØA = 115.8 ØB = 115.9 ØC = 104.0 DIVERSIFIED AMPS ØA = 78.4 ØB = 91.6 ØC = 78.4
2D11/PAPER SHREDDER	3	20	1				9.0						20	1	4	2D16/REC	
2D09/REC	5	20	1				9.0	7.5					20	1	6	2D14/REC	
2D18/REC	7	20	1				9.0						20	1	8	2D06/REC	
2D07/REC	9	20	1				9.0						20	1	10	2D06/COPIER	
2D08/REC	11	20	1				9.0			12.0			20	1	12	2D06/PAPER SHREDDER	
2D19/REC	13	20	1				9.0			7.0			20	1	14	2D18/REC	
2D17/REC	15	20	1				10.5	7.5		13.0			20	1	16	2D18/PAPER SHREDDER, COPIER & FAX	
2D15/REC	17	20	1				9.0						20	1	18	2D18/PAPER SHREDDER & COPIER	
2D04A/REC	19	20	1				4.5			12.0			20	1	20	2D01, 2D02, 2B01 & 2B02/REC	
2D04A/REC	21	20	1				9.0	3.0					20	1	22	2D04/REC	
2D04A/REC	23	20	1					9.0					20	1	24	2D04/REC	
2D02/REC	25	20	1				8.0						20	1	26	2D18/REC	
2D01/REC	27	20	1				8.0	9.0					20	1	28	2D21/REC	
2D03/REC	29	20	1					9.0		13.0			20	1	30	2D21/REC	
2B14, 2B08/REC	31	20	1				9.0						20	1	32	2B12/SURFACE METAL RACEWAY	
2B08/REC	33	20	1				10.5	9.0					20	1	34	2B12/SURFACE METAL RACEWAY	
2B17/GARBAGE DISPOSAL	35	20	2					10.5		6.0			20	1	36	2B12/SURFACE METAL RACEWAY	
	37							6.0					20	2	38	ACCU-1	
AC-3	39	20	1							0.6			20	1	40	SPARE	
SPARE	41	20	1							7.8			20	1	42	SPARE	
TOTAL CONNECTED LOAD (AMPS)							102	75.0	79.0	13.8	40.4	25.0					

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				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
CORR.1A2/R2201	1	20	1				9.0			5.0			20	1	2	1A21/REC	Panel <u>      </u> N21B1 Service <u>  3  </u> Phase <u>  4  </u> Wire ☒ 208Y/120V ☐ 480Y/277V Main Bkr. <u>      </u> A <u>      </u> P Lugs Only <u>  125  </u> A <u>  10,000  </u> AIC Minimum ☒ Surface mounted panel ☐ Freestanding Switchboard ☒ 200% Neutral Bar Remarks CONNECTED AMPS ØA = 92.5 ØB = 77.0 ØC = 79.0 DIVERSIFIED AMPS ØA = 81.7 ØB = 51.9 ØC = 62.9
1A21,C2,1A15/REC	3	20	1				9.0						20	1	4	1A02/REC	
1A14,1A15/REC	5	20	1				9.0	7.5					20	1	6	1A02/REC	
1A18/ROLL-UP SHUTTER	7	20	1							5.0			20	1	8	DIGITAL SCRIPT SIGN	
1A16/FLOOR REC.	9	20	1				6.0			2.0			20	1	10	1A16/REC	
1A16/FLOOR REC.	11	20	1					9.0					20	1	12	1A16/REC	
R6070	13	20	1				9.0			1.0			20	1	14	1A01/REC	
CONVEYOR BELT (NIC)	15	20	1					9.0					20	1	16	1A01,1A03/REC	
1A16/REC	17	20	1					9.0		3.0			20	1	18	1A03,1A05/REC	
1A02/REC	19	20	1				9.0			7.5			20	1	20	1A05,1A07/REC	
1A04,1A05/REC	21	20	1				9.0						20	1	22	1A06,1A07/REC	
1A06/REC	23	20	1					7.5					20	1	24	COPIER	
1A08,1A10/REC	25	20	1							16.0			20	1	26	1A04,1A13,1A14/REC	
1A08,1A11/REC	27	20	1				7.5						20	1	28	R7000/REFRIG.	
ROLL-UP SHUTTER	29	20	1							1.0			20	1	30	1A09,1A10,1A12,1A03/REC	
MICROWAVE/K4665	31	30	1							25.0			20	1	32	SECURITY GATES	
1A11/REC	33	20	1				7.5			5.0			20	1	34	TELEPHONE RECEPT.	
1A11/REC	35	20	1				3.0						20	1	36	SHUNT TRIP RAD.	
SPARE	37	20	1							3.0			20	1	38	GATE RECEPTACLES	
SPARE	39	20	1										20	1	40	SECURITY GATE	
SPACE ONLY	41									5.0			20	1	42	SPACE ONLY	
TOTAL CONNECTED LOAD (AMPS)							49.5	75.0	63.0	43.0	2.0	19.0					

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		AMPS	POLES		ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC	AMPS	POLES				
2D20/REC	1	20	1					7.5						20	1	2	2D04A/POWER POLE	Panel <u>      </u> N22B1 Service <u>  3  </u> Phase <u>  4  </u> Wire ☒ 208Y/120V ☐ 480Y/277V Main Bkr. <u>      </u> A <u>      </u> P Lugs Only <u>  125  </u> A <u>  10,000  </u> AIC Minimum ☒ Surface mounted panel ☐ Freestanding Switchboard ☒ 200% Neutral Bar Remarks CONNECTED AMPS ØA = 94.0 ØB = 73.5 ØC = 103.5 DIVERSIFIED AMPS ØA = 59.9 ØB = 59.6 ØC = 84.6	
2D20/PAPER SHREDDER	3	20	1								5.0			20	1	4	2D04A/POWER POLE		
2D20,2D21/REC	5	20	1								7.5			20	1	6	2D04A/POWER POLE		
2D04A/POWER POLE	7	20	1					3.0			5.0			20	1	8	2D04A/REC		
2D04A/POWER POLE	9	20	1								5.0			20	1	10	2D04A/REC		
2D04A/POWER POLE	11	20	1											20	1	12	2D04A/REC		
2B07/REC	13	20	1					10.5						20	1	14	2B23/REC		
2B04,2B05/REC	15	20	1					9.0	3.0					20	1	16	2B24/REC		
2B03/REC	17	20	1					10.5						20	1	18	2B01/REC		
2B16/REC	19	20	1					7.5						20	1	20	2B10,2B13,2B22,2B52/REC		
2B18/REC	21	20	1						7.5					20	1	22	2B03,2B04,2B20,2B22/REC		
2B21/REC	23	20	1						9.0					20	1	24	2B05,2B02,2B05,2B06/REC		
2B19/REC	25	20	1					7.5						20	1	26	2B17/REFRIG.		
2B19/REFRIG.	27	20	1						3.0			1.0		20	1	28	2B17/REC		
2B19/FUME HOOD	29	20	1							10.0			16.0	20	1	30	2B17/LABWARE WASHER		
2B10/REC	31	20	1					9.0						20	1	32	2B15,2B25/REC		
2B06,2B11/REC	33	20	1					10.5						20	1	34	2B17/REC		
2B09/REC	35	20	1						2.0	10.5				20	1	36	2B17/STOVE –MICROWAVE		
SPARE	37	20	1									12.0		20	1	38			
SPARE	39	20	1											20	1	40	SPARE		
SPARE	41	20	1											20	1	42	SPARE		
TOTAL CONNECTED LOAD (AMPS)								72.0	55.5	65.5	22.0	18.0	38.0						