

NOTE:
1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

DIRECTORY	KVA LOAD			CCT NO.	BRK AMPS	A	B	C	CCT NO.	BRK AMPS	A	B	C	DIRECTORY			
	A	B	C												A	B	C
	25.0			1	150				20	2	2.4			LTD. - OFFICES 251-260			
LP2A, LP2B VIA 75KVA XFMR	25.0	25.0		3	150				20	4	2.6			LTD. RMS. 236 - 243			
		25.0		5					20	6		2.6		LTD. RMS. 228-229, 230-232, 234			
	10.0			7	50				20	8	3.0			LTD. CORRIDORS 223-224			
AUTOCLAVE	10.0			9	50				20	10	2.4			TRACK LIGHTING			
		10.0		11					20	12		2.4		TRACK LIGHTING			
SPACE				13					20	14				SPACE			
SPACE				15					20	16				SPACE			
SPACE				17					20	18				SPACE			
SPACE				19					20	20				SPACE			
SPACE				21					20	22				SPACE			
SPACE				23					20	24				SPACE			
SPACE				25					20	26				SPACE			
SPACE				27					20	28				SPACE			
SPACE				29					20	30				SPACE			
				NEUTRAL BUS								5.4	5.0		SUB-TOTAL		
				GROUND BUS													
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 400 AMP BUS				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				PANEL NO. HP2A	
MAIN LUGS ONLY				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				LOCATION ELECTRICAL ROOM 243	
MOUNTING: SURFACE				TOTAL KVA				TOTAL KVA				TOTAL KVA				SC RATING: 35,000 AC	
SC RATING: 35,000 AC				TOTAL KVA				TOTAL KVA				TOTAL KVA				NOTES: *	

DIRECTORY	KVA LOAD			CCT NO.	BRK AMPS	A	B	C	CCT NO.	BRK AMPS	A	B	C	DIRECTORY			
	A	B	C												A	B	C
	10.0			1	60				20	2	3.0			LTD. RMS. 201,202,205-207,211,213,214			
LP2C VIA 30KVA XFMR	10.0	10.0		3	60				20	4		3.1		LTD. RMS. 202,204,215,217			
		10.0		5					20	6				SPACE			
SPACE				7					20	8				SPACE			
SPACE				9					20	10				SPACE			
SPACE				11					20	12				SPACE			
SPACE				13					20	14				SPACE			
SPACE				15					20	16				SPACE			
SPACE				17					20	18				SPACE			
SPACE				19					20	20				SPACE			
SPACE				21					20	22				SPACE			
SPACE				23					20	24				SPACE			
SPACE				25					20	26				SPACE			
SPACE				27					20	28				SPACE			
SPACE				29					20	30				SPACE			
				NEUTRAL BUS								3.1	3.1	0.0	SUB-TOTAL		
				GROUND BUS													
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 125 AMP BUS				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				PANEL NO. HP2B	
MAIN LUGS ONLY				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				LOCATION ELECTRICAL ROOM 201	
MOUNTING: SURFACE				TOTAL KVA				TOTAL KVA				TOTAL KVA				SC RATING: 14,000 AC	
SC RATING: 14,000 AC				TOTAL KVA				TOTAL KVA				TOTAL KVA				NOTES: *	

DIRECTORY	KVA LOAD			CCT NO.	BRK AMPS	A	B	C	CCT NO.	BRK AMPS	A	B	C	DIRECTORY			
	A	B	C												A	B	C
RECEPTS OFFICE 251, 252	1.2			1	20				20	2	0.8			WIREDMOLD GIS ROOM 234			
RECEPTS OFFICE 253, 254	1.2			3	20				20	4	0.8			WIREDMOLD GIS ROOM 234			
RECEPTS OFFICE 255, 256	1.2	1.2		5	20				20	6		1.2		WIREDMOLD EDITING SUITE 232			
RECEPTS OFFICE 257, 258	1.2			7	20				20	8	1.2			WIREDMOLD ARCHIVAL STORAGE 228			
RECEPTS OFFICE 259, 260	1.4			9	20				20	10				WIREDMOLD ARCHIVAL STORAGE 228			
RECEPTS CORR. 221,225,235; DOOR HOLDER	1.0	1.0		11	20				20	12		0.8		WIREDMOLD LAB TECH. 231			
RECEPTS ELEC., STAIRS, CORR. 244	0.6			13	20				20	14	1.4			WIREDMOLD LAB TECH. 231			
RECEPTS TEL/DATA	0.4			15	20				20	16	1.4			WIREDMOLD LAB TECH. 231			
RECEPT TEL/DATA UPS	1.0	1.0		17	20				20	18		1.4		WIREDMOLD LAB TECH. 227			
WIREDMOLD EQUIP. 238	1.2			19	20				20	20	1.4			WIREDMOLD LAB TECH. 227			
WIREDMOLD EQUIP. 238	1.6			21	20				20	22		0.8		WIREDMOLD AUTOCLAVE 232			
WIREDMOLD LAB TECH. 240	0.8	0.8		23	20				20	24		1.0		WIREDMOLD LAB TECH. 223			
WIREDMOLD LAB TECH. 240	0.8			25	20				20	26	1.0			WIREDMOLD LAB TECH. 223			
WIREDMOLD LAB TECH. 237	0.8			27	20				20	28	0.8			WIREDMOLD ANALY. LAB 241			
WIREDMOLD LAB TECH. 237	0.8	0.8		29	20				20	30	0.8			WIREDMOLD ANALY. LAB 241			
WIREDMOLD WORK SPACE 242	0.8			31	20				20	32	0.8			WIREDMOLD ANALY. LAB 241			
WIREDMOLD WORK SPACE 242	0.8			33	20				20	34	0.8			WIREDMOLD & FUME HOOD - ANALY. LAB			
WIREDMOLD WORK SPACE 242 & FUME HOOD	1.1	1.1		35	20				20	36		1.2		AUTOCLAVE CONTROLS			
WIREDMOLD WORK SPACE 242	0.8			37	20				20	38				SPACE			
SPACE				39	20				20	40				SPACE			
SPACE				41	20				20	42				SPACE			
				NEUTRAL BUS								6.8	5.3	6.4	SUB-TOTAL		
				GROUND BUS													
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				PANEL NO. LP2A	
MAIN BREAKER:				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				LOCATION ELECTRICAL ROOM 243	
MOUNTING: SURFACE				TOTAL KVA				TOTAL KVA				TOTAL KVA				SC RATING: 10,000	
SC RATING: 10,000				TOTAL KVA				TOTAL KVA				TOTAL KVA				NOTES: PANELBOARD SHALL BE PROVIDED WITH THRU FEED LUGS	

DIRECTORY	KVA LOAD			CCT NO.	BRK AMPS	A	B	C	CCT NO.	BRK AMPS	A	B	C	DIRECTORY			
	A	B	C												A	B	C
WIREDMOLD DRY LAB 236	0.8			1	20				20	2	0.8			WIREDMOLD OCEAN 1 228			
WIREDMOLD DRY LAB 236	0.8	0.8		3	20				20	4	0.8			WIREDMOLD OCEAN 1 228			
WIREDMOLD DRY LAB 236	0.8	0.8		5	20				20	6	0.8			WIREDMOLD OCEAN 1 228			
WIREDMOLD DRY LAB 236	0.8			7	20				20	8	0.8			WIREDMOLD OCEAN 1 228			
WIREDMOLD DRY LAB 236	0.8	0.4		9	20				20	10		0.8		WIREDMOLD & FUME HOOD OCEAN 1 228			
WIREDMOLD & FUME HOOD DRY LAB 236	0.9	0.9		11	20				20	12		0.9		WIREDMOLD & FUME HOOD OCEAN 1 228			
WIREDMOLD WET LAB 230	0.8			13	20				20	14	0.8			WIREDMOLD OCEAN 2 224			
WIREDMOLD WET LAB 230	0.8	0.8		15	20				20	16	0.8			WIREDMOLD OCEAN 2 224			
WIREDMOLD WET LAB 230	0.8	0.8		17	20				20	18	0.8			WIREDMOLD OCEAN 2 224			
WIREDMOLD WET LAB 230	0.8			19	20				20	20	0.8			WIREDMOLD OCEAN 2 224			
WIREDMOLD & FUME HOOD WET LAB 230	0.9	0.9		21	20				20	22		0.9		WIREDMOLD OCEAN 2 224			
WIREDMOLD WET LAB 230	0.9	0.9		23	20				20	24		0.9		WIREDMOLD & FUME HOOD OCEAN 2 224			
SPACE				25	20				20	26				SPACE			
SPACE				27	20				20	28				SPACE			
SPACE				29	20				20	30				SPACE			
SPACE				31	20				20	32				SPACE			
SPACE				33	20				20	34				SPACE			
SPACE				35	20				20	36				SPACE			
SPACE				37	20				20	38				SPACE			
SPACE				39	20				20	40				SPACE			
SPACE				41	20				20	42				SPACE			
				NEUTRAL BUS								3.0	2.7	3.4	SUB-TOTAL		
				GROUND BUS													
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				PANEL NO. LP2B	
MAIN LUGS ONLY				TOTAL KVA A				TOTAL KVA B				TOTAL KVA C				LOCATION ELECTRICAL ROOM 243	
MOUNTING: SURFACE				TOTAL KVA				TOTAL KVA				TOTAL KVA				SC RATING: 10,000	
SC RATING: 10,000				TOTAL KVA				TOTAL KVA				TOTAL KVA				NOTES: *	

DIRECTORY	KVA LOAD			CCT NO.	BRK AMPS	A	B	C	CCT NO.	BRK AMPS	A	B	C	DIRECTORY
	A	B	C											
(1) PANEL LP2D	2.4	1.6	1.6	1	60				20	2	0.8			INTERACTION AREA RECEPTS & DOOR HOLDERS
SPACE				3	20				20	4	0.8			RECEPTS CONF. 215
SPACE				5	20				20	6	1.0			RECEPTS CORR., STAIR, CUSTODIAL
SPACE				7	20				20	8	0.8			WATER COOLER & RECEPTS 206, 207
SPACE				9	20				20	10	0.8			RECEPTS CONF. 203
SPACE				11	20				20	12	0.8			RECEPTS ELEC. TEL/DATA
SPACE				13	20				20	14	0.8			INTERACTION AREA FLOOR OUTLETS
SPACE				15	20				20	16				