

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
LTG-313, 317, 324, 326, 327	3.0			1	20					2	2.8			LTG-330-335, 339-341	
LTG-302,303,314-316,318-323,325,328,329	2.6			3	20					4	1.9			LTG-308, 309, 336-338, 342-348, 354	
LTG-349, 351, 352, 353		1.1		5	20					6	0.4			LTG-EXT. CANOPY/FACADE	
LTG-301	2.9			7	20					8	2.3			LTG-310, 311, 312	
SPARE				9	20					10				SPARE	
SPARE				11	20					12				SPARE	
SPARE				13	20					14				SPARE	
				15						16					
				17						18					
				19						20					
				21						22					
				23						24					
				25						26	25				
				27						28	25			75 KVA XFMR T4 FOR PANELBOARD PP3	
				29						30	25				
SUB-TOTAL				5.9	2.6	1.1	NEUTRAL BUS GROUND BUS			30.1	26.9	25.4	SUB-TOTAL		
VOLTAGE: 480Y/277V				3 PHASE	4 WIRE	225 AMP BUS			TOTAL KVA	A	36.0	PANEL NO.	LP3		
MAIN LUGS ONLY				225 AMP LUGS			TOTAL KVA	B	29.5	LOCATION				ELEC 307	
MOUNTING: SURFACE							TOTAL KVA	C	26.5	LOCATION				ELEC 307	
SC RATING: 25,000 AIC							TOTAL KVA		92.0						
NOTES: *															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
RECEPT 306, 307	0.6			1	20					2	0.2			MECHANICAL CONTROLS 306	
CARD READERS		0.8		3	20					4	0.4			PTZ CAMERAS	
SPARE				5	20					6				SPARE	
SPARE				7	20					8				SPARE	
SPARE				9	20					10				SPARE	
SPARE				11	20					12				SPARE	
SPACE				13						14				SPACE	
SPACE				15						16				SPACE	
SPACE				17						18				SPACE	
SPACE				19						20				SPACE	
SPACE				21						22				SPACE	
SPACE				23						24				SPACE	
SPACE				25						26				SPACE	
SPACE				27						28				SPACE	
SPACE				29						30				SPACE	
SUB-TOTAL				0.6	0.8	0.0	NEUTRAL BUS GROUND BUS			0.2	0.4	0.0	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	225 AMP BUS			TOTAL KVA	A	0.8	PANEL NO.	EPP3		
MAIN LUGS ONLY				150 AMP LUGS			TOTAL KVA	B	1.2	LOCATION				ELEC 307	
MOUNTING: SURFACE							TOTAL KVA	C	0.0	LOCATION				ELEC 307	
SC RATING: 10,000 AIC							TOTAL KVA		2.0						
NOTES: *															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
RECEPT 340	0.8			1	20					2	0.9			ROOF RECEPT & LIGHTS	
RECEPT 341		0.8		3	20					4	0.7			EF-2 (1/4 HP)	
RECEPT 339			0.8	5	20					6	1.6			EF-4 (1/6 HP), EF-5 (1/6 HP), & EF-6 (1/6 HP)	
FURNITURE 339	0.8			7	20					8	2.1			HUMIDIFIER H-1	
(1) FURNITURE 339		1.1		9	20					10	2.1			HUMIDIFIER H-2	
(1) FURNITURE 339			1.1	11	20					12	2.1			HUMIDIFIER H-3	
RECEPT 342	0.8			13	20					14	0.5				
RECEPT/ FURNITURE 344		1.3		15	20					15	0.5			EF-1 (3/4 HP)	
RECEPT 338			0.9	17	20					18	0.5				
RECEPT 345, 348 & 345 FLOORBOX	1.1			19	20					20	1.1			RECEPT 305, 336, 337, 343, 354	
RECEPT 346		1.1		21	20					22	0.8			RECEPT 334	
RECEPTS & FLUSH VALVES 347, 349 FURNITURE			1.1	23	20					24	0.8			RECEPT 333	
FURNITURE 349	1.1			25	20					26	0.9			RECEPT 331, 335	
RECEPT 353		0.9		27	20					28	0.8			FURNITURE 331	
RECEPT 351			0.8	29	20					30	0.8			FURNITURE 331	
RECEPT 301	0.4			31	20					32	1.1			FURNITURE 335	
RECEPTS & FLUSH VALVES 302-304, 313, 327		1.3		33	20					34	0.8			RECEPT 330, 332	
RECEPT 314 COUNTERTOP			0.4	35	20					36	1.1			RECEPT 328, 329	
RECEPT 314 COUNTERTOP			0.4	37	20					38	0.5			WATER COOLER	
RECEPT 314 REFRIGERATOR		1.0		39	20					40	0.8			RECEPT 325	
SPARE				41	20					42	0.2			RECEPT 323	
SUB-TOTAL				5.4	7.5	5.1	NEUTRAL BUS GROUND BUS			7.1	6.5	7.1	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	225 AMP BUS			TOTAL KVA	A	12.5	PANEL NO.	PP3 SECTION 1		
MAIN BREAKER:				225 AMP TRIP			TOTAL KVA	B	14.0	LOCATION				ELEC 307	
MOUNTING: SURFACE							TOTAL KVA	C	12.2	LOCATION				ELEC 307	
SC RATING: 10,000 AIC							TOTAL KVA		38.7						
NOTES: PROVIDE W/ FEED THRU LUGS															
(1) PROVIDE HANDLE TIE BETWEEN BREAKERS FEEDING MODULAR FURNITURE THAT ALLOWS BOTH BREAKERS TO BE OPENED TOGETHER.															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
LTG - 301, 306, 307, 336, 343, 348, 352, 354	0.8			1	20					2				SPARE	
SPARE				3	20					4				SPARE	
LTG-302,303,310,313,317,322,324,326,327,330,331,335,339		0.8		5	20					6				SPARE	
SPARE				7	20					8				SPARE	
SPARE				9	20					10				SPARE	
SPARE				11	20					12				SPARE	
SUB-TOTAL				0.8	0.0	0.8	NEUTRAL BUS GROUND BUS			0.0	0.0	0.0	SUB-TOTAL		
VOLTAGE: 480Y/277V				3 PHASE	4 WIRE	100 AMP BUS			TOTAL KVA	A	0.8	PANEL NO.	LSP3		
MAIN LUGS ONLY				60 AMP LUGS			TOTAL KVA	B	0.0	LOCATION				ELEC 307	
MOUNTING: SURFACE							TOTAL KVA	C	0.8	LOCATION				ELEC 307	
SC RATING: 10,000 AIC							TOTAL KVA		1.6						
NOTES: *															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
RECEPT 316	0.8			43	20					44	0.9			RECEPT 310	
RECEPT 317, 324		0.9		45	20					46	1.1			RECEPT 310, 315	
FURNITURE 317			0.8	47	20					48	0.8			RECEPT 310 PROJECTORS	
FURNITURE 317	1.1			49	20					50	0.8			RM 310 MOTORIZED SCREENS	
RECEPT 318		0.8		51	20					52	0.4			RM 310 TABLE FLOORBOX	
RECEPT 319, FURNITURE 322			0.9	53	20					54	0.4			RM 310 TABLE FLOORBOX	
RECEPT 320	0.9			55	20					56	0.8			RECEPTS 312	
RECEPT 321		0.8		57	20					58	1.1			PUMPS P-4 (1/6 HP) & P-5 (1/6 HP)	
RECEPT 324, 332			0.9	59	20					60	0.6			PUMPS P-6 (1/6 HP)	
FURNITURE 324, 326	1.1			61	20					62	0.8			RM 345 PROJECTOR & MOTORIZED SCREEN	
FURNITURE 326		0.8		63	20					64	0.4			RM 310 LECTERN FLOORBOXES	
FURNITURE 326			1.1	65	20					66	1.4			RM 310 LIGHTING/CONTROLS	
(1) FURNITURE 326	1.1			67	20					68	1.4			RM 310 UPLIGHTING	
(1) FURNITURE 326		1.1		69	20					70	1.0			RM 310 MOTORIZED SHADES	
(1) FURNITURE 326			1.1	71	20					72				SPARE	
SPARE				73	20					74				SPARE	
SPARE				75	20					76				SPARE	
SPARE				77	20					78				SPARE	
SPACE				79						80				SPACE	
SPACE				81						82				SPACE	
SPACE				83						84				SPACE	
SUB-TOTAL				5.0	4.4	4.8	NEUTRAL BUS GROUND BUS			4.7	4.0	3.2	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	225 AMP BUS			TOTAL KVA	A	9.7	PANEL NO.	PP3 SECTION 2		
MAIN LUGS ONLY				225 AMP LUGS			TOTAL KVA	B	8.4	LOCATION				ELEC 307	
MOUNTING: SURFACE							TOTAL KVA	C	8.0	LOCATION				ELEC 307	
SC RATING: 10,000 AIC							TOTAL KVA		26.1						
NOTES: (1) PROVIDE HANDLE TIE BETWEEN BREAKERS FEEDING MODULAR FURNITURE THAT ALLOWS BOTH BREAKERS TO BE OPENED TOGETHER.															

**SM
SRT**

ARCHITECTURE ENGINEERING PLANNING
SMART
144 Fore Street P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070

PROJECT TITLE:
**MAINE TURNPIKE AUTHORITY
ADMINISTRATION BUILDING</**