

PANEL NO. EXISTING E1LP2	SERVICE:	480V/277V-3Ø-4W	■ MAIN BREAKER: 100A			
	MAIN BUS:	100A	<input type="checkbox"/> MAIN BUS			
	SCRR RAILING:	14000	<input type="checkbox"/> BOTTOM FEED			
	MOUNTING:	SURFACE	<input type="checkbox"/> TOP FEED			
SECTION 1 OF 1	LOCATION:	1ST FLOOR 1F549	<input type="checkbox"/> FEED THRU			
			<input checked="" type="checkbox"/> DENOTES CB			
			<input type="checkbox"/> LOCK-ON DEVICE			
			<input type="checkbox"/> SHUT BUS			
			<input type="checkbox"/> NEMA TYPE: 1			
LOAD DESCRIPTION	VOLT AMPS AØ BØ CØ	BREAKER NO. POLE AMPS	CØ NO. POLE AMPS	BREAKER NO. POLE AMPS	VOLT AMPS AØ BØ CØ	LOAD DESCRIPTION
EALTG - 2ND FL. WALKWAY & TWR (1)	1020	1	20	1	2	SPACE
EALTG - 1ST FL. (1)	468	1	20	3	4	SPACE
EALTG - PENTHOUSE (1)	630	1	20	5	6	SPACE
EALTG - PATHOLOGY LABS (1)	2480	1	20	7	8	SPACE
EALTG - LIBRARY (2)	615	1	20	9	10	SPACE
SPACE (1)		1	20	11	12	SPACE
SPACE (1)		1	20	13	14	SPACE
SPACE (1)		1	20	15	16	SPACE
SPACE (1)		1	20	17	18	SPACE
SPACE (1)		1	20	19	20	SPACE
SPACE (1)		1	20	21	22	SPACE
SPACE (1)		1	20	23	24	SPACE
SPACE (1)		1	20	25	26	SPACE
SPACE (1)		1	20	27	28	SPACE
SPACE (1)		1	20	29	30	SPACE
SPACE (1)		1	20	31	32	SPACE
SPACE (1)		1	20	33	34	SPACE
SPACE (1)		1	20	35	36	SPACE
SPACE (1)		1	20	37	38	SPACE
SPACE (1)		1	20	39	40	SPACE
SPACE (1)		1	20	41	42	SPACE
VOLT AMPS CONNECTED: 3500 1083 1830						
VOLT AMPS CONNECTED: AØ BØ CØ TOTAL: #####						
NOTES (1) EXISTING BREAKER EXISTING LOAD (2) EXISTING BREAKER, NEW LOAD (3) NEW BREAKER, NEW LOAD.						

PANEL NO. EXISTING E1LP1	SERVICE:	480V/277V-3Ø-4W	100A <input type="checkbox"/> MAIN BREAKER <input type="checkbox"/> MAIN BUS <input type="checkbox"/> BOTTOM-FEED <input type="checkbox"/> TOP-FEED <input type="checkbox"/> FEED THRU	<input checked="" type="checkbox"/> DENOTES CB LOC-ON DEVICE	100% RATED NEUTRAL BUS (CU.) 200% RATED NEUTRAL BUS (CU.) ISOLATED GROUND BUS (CU.) ELECTRICAL GRADE SPILT BUS NEMA TYPE: 1	
	MAIN BUS:	100A				
	MOUNTING:	SURFACE				
	LOCATION:	1ST FLOOR 1F511				
SECTION 1 OF 1						
LOAD DESCRIPTION	VOLT AMPS		BREAKER		LOAD DESCRIPTION	
	AØ	BØ	CØ	NO. POLE AMPS		
SPACE (1)		1	20	1	2	SPACE (1)
SPACE (1)		1	20	3	4	SPACE (1)
SPACE (1)		1	20	5	6	SPACE (1)
SPACE (1)		1	20	7	8	SPACE (1)
LITG - PATH. LAB 1F565 - 1F569 (1)	1720	1	20	9	10	SPACE (1)
LITG - 1ST FL. S CORRIDOR COVE (1)	4235	1	20	11	12	SPACE (1)
LITG - 1ST FL. LIBRARY OFFICES (2)	2685	1	20	13	14	SPACE (1)
LITG - 1ST FL. LIBRARY (2)	2840	1	20	15	16	SPACE (1)
SPACE (1)		1	20	17	18	SPACE (1)
SPACE (1)		1	20	19	20	SPACE (1)
SPACE (1)		1	20	21	22	SPACE (1)
SPACE (1)		1	20	23	24	SPACE (1)
SPACE (1)		1	20	25	26	SPACE (1)
SPACE (1)		1	20	27	28	SPACE (1)
SPACE (1)		1	20	29	30	SPACE (1)
SPACE (1)		1	20	31	32	SPACE (1)
SPACE (1)		1	20	33	34	SPACE (1)
SPACE (1)		1	20	35	36	SPACE (1)
SPACE (1)		1	20	37	38	SPACE (1)
SPACE (1)		1	20	39	40	SPACE (1)
SPACE (1)		1	20	41	42	SPACE (1)
VOLT AMPS CONNECTED 2665 4660 4235						
VOLT AMPS CONNECTED: AØ 2665 BØ 4660 CØ 4235						
TOTAL 11560						
NOTES: (1) EXISTING BREAKER. EXISTING LOAD; (2) EXISTING BREAKER. NEW LOAD; (3) NEW BREAKER. NEW LOAD.						

PANEL NO. NEW 1RP7	SERVICE:	208V/120V-3Ø-4W	■ MAIN BREAKER: 200A ■ 100% RATED NEUTRAL BUS (CU.) ■ 200% RATED NEUTRAL BUS (CU.) ■ ISOLATED GROUND BUS (CU.) ■ ELECTRICAL GRADE ■ SPILT BUS ■ NEMA TYPE: 1			
	MAIN BUS:	225A				
	MOUNTING:	225A SURFACE				
	LOCATION:	1ST FLOOR 1F407A				
SECTION 1 OF 1						
LOAD DESCRIPTION	VOLT AMPS AØ BØ CØ	BREAKER NO. POLE AMPS	CØ NO. POLE AMPS	BREAKER NO. POLE AMPS	VOLT AMPS AØ BØ CØ	LOAD DESCRIPTION
SPACE		1	20	1	2	SPACE
RECEP1T H-424 MICROFILM	400	1	20	3	0	RECEP1T H-422 COMPUTERS
AV BACK	800	1	20	5	800	RECEP1T H-422 PROJECTON SCREEN
SPACE	800	1	20	7	8	1000 MICROFILM RECEPT H-407
SPACE	0	1	20	9	10	500 REFRIGERATOR RECEPT H-407
RECEP1T H-422 COMPUTERS	800	1	20	11	12	RECEP1T H-407
LIGHTING H-420 CIRCULATION	1050	1	20	13	14	SPACE
L-421 SECURITY SENSORS	900	1	20	15	16	RECEP1T H-420
RECEP1T H-425, H-426	720	1	20	17	18	540 RECEP1T H-425,36,37
RECEP1T H-421, H-420	1600	1	20	19	20	RECEP1T H-407 COFFEE MAKER
RECEP1T H-420	900	1	20	21	22	RECEP1T H-420 COFFER
RECEP1T H-421, H-425, H-431, H-430	540	1	20	23	24	RECEP1T H-420 07,10
RECEP1T H-420, H-420	1080	1	20	25	20	540
RECEP1T H-422, H-420	1080	1	20	27	20	RECEP1T H-422
RECEP1T H-426, H-430	1080	1	20	29	20	RECEP1T H-424, H-405
SPACE	0	1	20	31	32	RECEP1T H-422, H-403
RECEP1T H-421	720	1	20	33	32	RECEP1T H-420 175
RECEP1T H-427, H-410	540	1	20	35	34	RECEP1T H-420
FLOORBOX RECEP1T H-428	800	1	20	37	38	SPACE
RECEP1T H-424 MICROFILM	400	1	20	39	40	VAV
RECEP1T H-424 MICROFILM	400	1	20	41	42	1200 VAV
VOLT AMPS CONNECTED: 15410 1440 1540						

VOLT AMPS CONNECTED: AØ 10550 BØ 8700 CØ 11150 TOTAL 31070

PANEL NO. EXISTING E1RP2	SERVICE:	480V/277V-3Ø-4W		100A <input type="checkbox"/> MAIN BREAKER <input type="checkbox"/> MAIN BUS <input type="checkbox"/> BOTTOM FEED <input type="checkbox"/> TOP FEED <input type="checkbox"/> FEED THRU	<input checked="" type="checkbox"/> DENOTES CB LOCK-ON DEVICE <input type="checkbox"/> ELECTRONIC GRADE <input type="checkbox"/> SPILT BUS NEMA TYPE: 1	
	MAIN BUS:	14000				
	MOUNTING:	SURFACE				
	LOCATION:	1ST FLOOR 1F519				
SECTION 1 OF 1						
LOAD DESCRIPTION	VOLT AMPS AØ BØ CØ	BREAKER NO. POLE AMPS	CØ NO. POLE AMPS	BREAKER NO. POLE AMPS	VOLT AMPS AØ BØ CØ	LOAD DESCRIPTION
EM LITG - 2ND FL. WALKWAY & TURN (1)	16020	1	20	1	2	SPACE
EM LITG - 1ST FL (1)	468	1	20	3	4	SPACE
EM LITG - PENHOUSE (1)	630	1	20	5	6	SPACE
EM LITG - PATHOLOGY LABS (1)	2480	1	20	7	8	SPACE
EM LITG - LIBRARY (2)	615	1	20	9	10	SPACE
SPACE (1)		1	20	11	12	SPACE
SPACE (1)		1	20	13	14	SPACE
SPACE (1)		1	20	15	16	SPACE
SPACE (1)		1	20	17	18	SPACE
SPACE (1)		1	20	19	20	SPACE
SPACE (1)		1	20	21	22	SPACE
SPACE (1)		1	20	23	24	SPACE
SPACE (1)		1	20	25	26	SPACE
SPACE (1)		1	20	27	28	SPACE
SPACE (1)		1	20	29	30	SPACE
SPACE (1)		1	20	31	32	SPACE
SPACE (1)		1	20	33	34	SPACE
SPACE (1)		1	20	35	36	SPACE
SPACE (1)		1	20	37	38	SPACE
SPACE (1)		1	20	39	40	SPACE
SPACE (1)		1	20	41	42	SPACE
VOLT AMPS CONNECTED 3500 1003 630						

VOLT AMPS CONNECTED: AØ BØ CØ		TOTAL AØ BØ CØ	
NOTES (1) EXISTING BREAKER EXISTING LOAD (2) EXISTING BREAKER NEW LOAD (3) NEW BREAKER NEW LOAD.			

PANEL NO. EXISTING E1RP1	SERVICE:	480V/277V-3Ø-4W	100A <input type="checkbox"/> MAIN BREAKER <input type="checkbox"/> MAIN BUS <input type="checkbox"/> BOTTOM-FEED <input type="checkbox"/> TOP-FEED <input type="checkbox"/> FEED THRU	<input checked="" type="checkbox"/> DENOTES CB LOC-ON DEVICE	100% RATED NEUTRAL BUS (CU.) 200% RATED NEUTRAL BUS (CU.) ISOLATED GROUND BUS (CU.) ELECTRONIC GRADE SPILT BUS NEMA TYPE: 1								
	MAIN BUS:	100A											
	MOUNTING:	SURFACE											
	LOCATION:	1ST FLOOR 1F511											
SECTION 1 OF 1													
LOAD DESCRIPTION	VOLT AMPS		BREAKER		LOAD DESCRIPTION								
	AØ	BØ	CØ	NO. POLE AMPS									
SPACE (1)				1	20	1	20	2	1	20	SPACE (1)		
SPACE (1)				1	20	3		4	1	20	SPACE (1)		
SPACE (1)				1	20	5		6	1	20	SPACE (1)		
SPACE (1)				1	20	7		8	1	20	SPACE (1)		
L1G - PATH. LMB - F566 - F569 (1)				1720		1	20	9		10	1	20	SPACE (1)
L1G - 1ST FL. S CORRIDOR COVE (1)				4235		1	20	11		12	1	20	SPACE (1)
L1G - 1ST FL LIBRARY OFFICES (2)				2865		1	20	13		14	1	20	SPACE (1)
L1G - 1ST FL LIBRARY (2)				2840		1	20	15		16	1	20	SPACE (1)
SPACE						17		18	1	1	20	SPACE (1)	
SPACE						19		20	1	1	20	SPACE (1)	
SPACE						21		22	1	1	20	SPACE (1)	
SPACE						23		24	1	1	20	SPACE (1)	
SPACE						25		26	1	1	20	SPACE (1)	
SPACE						27		28	1	1	20	SPACE (1)	
SPACE						29		30	1	1	20	SPACE (1)	
SPACE						31		32	1	1	20	SPACE (1)	
SPACE						33		34	1	1	20	SPACE (1)	
SPACE						35		36	1	1	20	SPACE (1)	
SPACE						37		38	1	0	20	SPACE (1)	
SPACE						39		40	1	20	0	SPACE (1)	
SPACE						41		42	1	20	0	SPACE (1)	
VOLT AMPS CONNECTED				3665	4600	4235	BØ 4660		CØ 4235		TOTAL 11560		
NOTES: (1) EXISTING BREAKER EXISTING LOAD; (2) EXISTING BREAKER NEW LOAD; (3) NEW BREAKER NEW LOAD.													

PANEL NO. NEW 1RP7	SERVICE:	208V/120V-3Ø-4W	■ MAIN BREAKER: 200A ■ 100% RATED NEUTRAL BUS (CU.) ■ 200% RATED NEUTRAL BUS (CU.) ■ ISOLATED GROUND BUS (CU.) ■ ELECTRICAL GRADE ■ SPILT BUS ■ NEMA TYPE: 1				
	MAIN BUS:	220A					
	SCCR RATING:	22000					
	MOUNTING:	FLUSH					
SECTION 1 OF 1	LOCATION:	1ST FLOOR 1F501A					
LOAD DESCRIPTION	VOLT AMPS AØ BØ CØ	BREAKER NO. POLE AMPS	CØ NO. POLE AMPS	BREAKER NO. POLE AMPS	VOLT AMPS AØ BØ CØ	LOAD DESCRIPTION	
SPACE	1	20	1	20	0	SPACE	
RECEP1T - I+H44 MICROHLM	400	1	20	3	4	1	RECEP1T - I+H43 COMPUTERS
AV BACK	800	1	20	5	6	1	RECEP1T - I+H43 COMPUTERS
SPACE	800	1	20	7	8	1	RECEP1T - I+H40 PROJECTION SCREEN
RECEP1T - I+H42 COMPUTERS	0	1	20	9	10	1	MICROVAVE RECEP1T - I+H07
LIGHTING - I+H40 CIRCULATION	1050	1	20	11	12	1	RECEP1T - I+H07
I+H42 SECURITY SENSORS	900	1	20	13	14	1	SPACE
RECEP1T - I+H45, I+H46	720	1	20	15	16	1	RECEP1T - I+H45,38.37
RECEP1T - I+H41, I+H40	1600	1	20	17	18	1	RECEP1T - I+H40 COFFEE MAKER
RECEP1T - I+H40, I+H41	900	1	20	19	20	1	RECEP1T - I+H42 COPPER
RECEP1T - I+H41, I+H41	540	1	20	21	22	1	RECEP1T - I+H40,07.10
RECEP1T - I+H41, I+H43, I+H43	1050	1	20	23	24	1	RECEP1T - I+H42
RECEP1T - I+H40, I+H40	1000	1	20	25	26	1	SPACE
SPACE	0	1	20	27	28	1	RECEP1T - I+H04, I+H405
RECEP1T - I+H41	720	1	20	29	30	1	RECEP1T - I+H04, I+H403
RECEP1T - I+H41, I+H40	540	1	20	31	32	1	RECEP1T - I+H40 TVS
FLUORESCD RECEP1T - I+H48	900	1	20	33	34	1	SPACE
RECEP1T - I+H42 MICROHLM	400	1	20	35	36	1	SPACE
RECEP1T - I+H43	400	1	20	37	38	1	SPACE
VOLT AMPS CONNECTED	5410	4440	5400	42	41	20	1200
VOLT AMPS CONNECTED: AØ 10550 BØ 8700 CØ 11540 TOTAL 31070							

PANEL NO. EXISTING E1RP1	SERVICE:		100A		MAIN BREAKER:		100A		
	MAIN BUS:	10000	SCOTT RATING:	10000	MAIN LUGS	0	200% RATED NEUTRAL BUS (CU.)		
	MOUNTING:	SURFACE	FEED THRU	0	ISOLATED GROUND BUS (CU.)	0	ELECTRONIC GRADE		
	LOCATION:	1ST FLOOR 1F511	FEED THRU	0	SPILT BUS	0	NEMA TYPE: 1		
SECTION 1 OF 1									
LOAD DESCRIPTION	VOLT AMPS		BREAKER (NO. POLE/AMPS)		CUT BREAKER (NO. POLE/AMPS)		VOLT AMPS		LOAD DESCRIPTION
	AØ	BØ	CØ	FØ	AØ	BØ	CØ		
RECEP1T - ENO CLOSET & TELEC. (1)	1440	500	1	20 / 1	2	0	0	0	SPACE
ELEV CAB LIGHTING (1)		500	1	20 / 3	4	0	0	0	SPACE
DOOR SECURITY SYSTEM (2)		500	1	20 / 5	6	0	0	0	SPACE
SMOKE DAMPERS (2)	200		1	20 / 7	8	0	0	0	SPACE
SPACE (1)			1	20 / 9	10	0	0	0	SPACE
SPACE (1)			1	20 / 11	12	0	0	0	SPACE
SPACE (1)			1	20 / 13	14	0	0	0	SPACE
SPACE (1)			1	20 / 15	16	0	0	0	SPACE
SPACE (1)			1	20 / 17	18	0	0	0	SPACE
SPACE (1)			1	20 / 19	20	0	0	0	SPACE
SPACE (1)			1	20 / 21	22	0	0	0	SPACE
SPACE (1)			1	20 / 23	24	0	0	0	SPACE
SPACE (1)			1	20 / 25	26	0	0	0	SPACE
SPACE (1)			1	20 / 27	28	0	0	0	SPACE
SPACE (1)			1	20 / 29	30	0	0	0	SPACE
SPACE (1)			1	20 / 31	32	0	0	0	SPACE
SPACE (1)			1	20 / 33	34	0	0	0	SPACE
SPACE (1)			1	20 / 35	36	0	0	0	SPACE
SPACE (1)			1	20 / 37	38	0	0	0	SPACE
SPACE (1)			1	20 / 39	40	0	0	0	SPACE
SPACE (1)			1	20 / 41	42	0	0	0	SPACE
VOLT AMPS CONNECTED	1640	500	1	20 / 41		0	0	0	VOLT AMPS CONNECTED
BØ 500									
CØ 500									
TOTAL 2640									
NOTES (1) EXISTING BREAKER EXISTING LOAD; (2) EXISTING BREAKER, NEW LOAD; (3) NEW BREAKER, NEW LOAD.									