

PANELBOARD SCHEDULE - RP-C												
PANEL TYPE: SQUARE D' TYPE NQ				AIC RATING: 14KAIC (MINIMUM)								
VOLTAGE: 120/208V-3P-4W				MOUNTING: FLUSH-MOUNT								
AMPS & TYPE: 125 AMP - MLO				LOCATION: PRODUCTION W0201								
FED FROM: DP-A				FEEDER: SEE PANELBOARD SCHEDULE - DP-A								
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT. NO.		
1	-	201/	PRODUCTION GEN. CONV. RECEPS	1,000	A	3,840	AC-1		35/3	-	2	
3	-	201/	RESOURCE K212 RECEPS	1,000	B	3,840				-	4	
5	-	201/	1ST K211 RECEPS	1,200	C	3,840				-	6	
7	-	201/	2ND K208 RECEPS	1,200	A		SPARE			201/	-	8
9	-	201/	3RD K208 RECEPS	1,200	B		SPARE			201/	-	10
11	-	201/	4TH K205 RECEPS	1,200	C		SPARE			201/	-	12
13	-	201/	5TH K204 RECEPS	1,200	A		SPARE			201/	-	14
15	-	201/	5K K206 RECEPS	1,200	B		SPARE			201/	-	16
17	-	201/	CHILDRENS WORSHIP K203 RECEPS	600	C	-	-			201/	-	18
19	-	201/	CHILDRENS WORSHIP K203 RECEPS	1,000	A	-	-			201/	-	20
21	-	201/	CHILDRENS WORS. K203 POKE-THR	1,200	B	-	-			201/	-	22
23	-	151/	EF-3	696	C	-	-			201/	-	24
25	-	201/	GEN. CONV. RECEPS	1,000	A	-	-			201/	-	26
27	GFI	201/	DRINKING FOUNTAIN	1,200	B	-	-			201/	-	28
29	-	201/	ROOF RECEPS	800	C	-	-			201/	-	30
31	-	201/	RECORD. STUDIO GEN. CONV. RCPS	800	A	-	-			201/	-	32
33	-	201/	CHILDRENS WORSHIP K203	800	B	-	-			201/	-	34
35	-	201/	CHILDRENS WORSHIP K203	800	C	-	-			201/	-	36
37	-	201/	CHILDRENS WORSHIP K203 LTG	960	A	-	-			201/	-	38
39	-	201/	CHILDRENS WORSHIP K203 LTG	1,080	B	-	-			201/	-	40
41	-	201/	SPARE		C	-	-			201/	-	42
NOTES:				PH. A	PH. B	PH. C	TOTAL CONNECTED LOAD:			317.7 KVA		
1. PROVIDE INTEGRAL 160KA (PER PHASE) SURGE PROTECTION DEVICE.				11,000	11,520	9,136				87.9 AMPS		
							TOTAL DEMAND LOAD:			28.0 KVA		
										77.7 AMPS		
							TOTAL COMPUTED LOAD:			31.3 KVA		
										87.1 AMPS		

PANELBOARD SCHEDULE - RP-D												
PANEL TYPE: SQUARE D' TYPE NQ				AIC RATING: 10KAIC (MINIMUM)								
VOLTAGE: 120/208V3P-4W				MOUNTING: SURFACE								
AMPS & TYPE: 100 AMP - MLO				LOCATION: IT/DATA A206								
FED FROM: RP-B				FEEDER: SEE PANELBOARD SCHEDULE - RP-B (SECT. 1)								
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT. NO.		
1	GFI	201/	LOUNGE A201 REFRIGERATOR	1,200	A	200	ELEVATOR SHAFT RECEP	201/	-	2		
3	-	201/	LOUNGE A201 COUNTER RECEP	1,200	B	200	ELEVATOR SHAFT LIGHTING	201/	-	4		
5	GFI	201/	LOUNGE A201 DISHWASHER	1,200	C	500	ELEVATOR CAB	201/	-	6		
7	-	201/	LOUNGE A201 COUNTER RECEP	1,200	A	1,000	ACCESS CONTROLS	201/	-	8		
9	-	201/	LOUNGE A201 COUNTER RECEP	1,200	B	1,000	FIRE ALARM REMOTE PANEL	201/	LON	10		
11	-	201/	GEN. CONV. RECEPS	1,200	C	800	ROOF RECEPS	201/	-	12		
13	-	201/	CONFERENCE A202 RECEPS	1,400	A	500	LOUNGE A201 ICE MAKER RECEP	201/	GFI	14		
15	-	201/	CONFERENCE A202 FLOOR RECEPS	800	B	1,200	OPEN OFFICE A104 COPIER	201/	-	16		
17	-	201/	OFFICE A207 RECEPS	1,000	C	600	CONFERENCE A202 TV	201/	-	18		
19	-	201/	OFFICE A208 RECEPS	1,000	A	600	CONFERENCE A202 EQUIPMENT	201/	-	20		
21	-	201/	OFFICE A209 RECEPS	1,000	B	600	CONFERENCE A202 EQUIPMENT	201/	-	22		
23	-	201/	OFFICE A210 RECEPS	1,000	C	1,200	EMERGENCY RESPONDER BDA	201/	-	24		
25	-	201/	OPEN OFF. A104 GEN. CONV. RCPS	1,200	A		SPARE	201/	-	26		
27	-	201/	OPEN OFFICE A104 WORKSTATIONS	1,200	B		SPARE	201/	-	28		
29	-	201/	OPEN OFFICE A104 WORKSTATIONS	1,200	C		SPARE	201/	-	30		
31	-	201/	IT/DATA A206 RECEP	400	A		SPARE	201/	-	32		
33	-	201/	IT/DATA A206 RECEP	400	B		SPARE	201/	-	34		
35	-	201/	GEN. CONV. RECEPS	800	C		SPARE	201/	-	36		
37	-	201/	EF-1	1,127	A	-	-	201/	-	38		
39	-	151/	EF-2	506	B	-	-	201/	-	40		
41	-	201/	ROOF RECEPS	400	C	-	-	201/	-	42		
NOTES:				PH. A	PH. B	PH. C	TOTAL CONNECTED LOAD:			29.0 KVA		
1. PROVIDE INTEGRAL 160KA (PER PHASE) SURGE PROTECTION DEVICE.				9,627	9,306	9,900				80.6 AMPS		
							TOTAL DEMAND LOAD:			22.5 KVA		
										62.5 AMPS		
							TOTAL COMPUTED LOAD:			22.5 KVA		
										62.6 AMPS		

PANELBOARD/EQUIPMENT SCHEDULE(S) KEYED NOTES LEGEND	
KEYED NOTE	DESCRIPTION
EXC	CIRCUITRY ASSOCIATED WITH INDICATED BREAKER IS EXISTING. EXTEND & RECONNECT TO NEW BREAKER AS INDICATED. VERIFY EXISTING CIRCUIT BREAKER RATINGS/REQUIREMENTS PRIOR TO SUBMITTING SHOP DRAWINGS.
GFI	INDICATED BREAKER SHALL BE GFI-TYPE (5mA TRIP).
LON	INDICATED BREAKER SHALL BE PROVIDED WITH LOCK-ON HARDWARE.
MB	MOTORIZED BREAKER.
VC	CONTRACTOR SHALL VERIFY REQUIRED BREAKER & CIRCUITRY REQUIREMENTS OF INDICATED CIRCUIT WITH EQUIPMENT SUPPLIER PRIOR TO SUBMITTING SHOP DRAWINGS OR ROUGHING IN CONDUITS.
SQ	INDICATED CIRCUIT SHALL BE ROUTED THRU SEQUENCE RELAY PANEL SEQ-101.

TRANSFORMER SCHEDULE							
MRK.	SIZE (KVA)	DESCRIPTION	PRIMARY VOLTAGE & PHASE	SECONDARY VOLTAGE & PHASE	PANEL FED	MOUNTING	GROUND SIZE
T-A	225	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	DP-A	4" CONC PAD	#20
T-IG1	75	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	IG1	HUNG	#2
T-TL1	112.5	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	TL1	HUNG	#2
T-XC	150	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	TSEC-XC	4" CONC PAD	#20
TRANSFORMER SCHEDULE NOTES:							
1. EXACT TRANSFORMER LOCATIONS SHALL BE FIELD COORDINATED TO PROVIDE CODE-REQUIRED CLEARANCES AND WORKING SPACES AROUND TRANSFORMERS AND ADJACENT EQUIPMENT (SUCH AS PANELBOARDS).							
2. ALL TRANSFORMERS SHALL BE MOUNTED ON VIBRATION ISOLATORS PER SPECIFICATION REQUIREMENTS.							
3. INDICATED TRANSFORMER SHALL BE K13 RATED WITH ELECTROSTATIC SHIELD, 200% NEUTRAL AND COPPER WINDINGS. ACME #TPC3-53314-3S OR EQUIV.							
4. SEE SPECIFICATIONS FOR MAXIMUM SOUND RATINGS.							

PANELBOARD SCHEDULE - TL1 (SECT. 1)														
PANEL TYPE: SQUARE D' TYPE NQ				AIC RATING: 10KAC (MINIMUM)										
VOLTAGE: 120/208V-3P-4W				MOUNTING: SURFACE										
AMPS & TYPE: 400S MAIN BKR				LOCATION: ELECTRICAL W104										
FED FROM: MSB				FEEDER: 2 SETS OF 4#3/0 & 1#2G-2 1/2" C										
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT. NO.				
1	-	201/	HOUSE LIGHTS	1,150	A	1,200	THEATRICAL LIGHTING	201/	SQ	2				
3	-	201/	HOUSE LIGHTS	1,150	B	1,200	THEATRICAL LIGHTING	201/	SQ	4				
5	-	201/	HOUSE LIGHTS	1,150	C	1,200	THEATRICAL LIGHTING	201/	SQ	6				
7	-	201/	HOUSE LIGHTS	920	A	1,200	THEATRICAL LIGHTING	201/	SQ	8				
9	-	201/	SPARE		B	1,200	THEATRICAL LIGHTING	201/	SQ	10				
11	SQ	202/	LED SCREEN	1,664	C	1,200	THEATRICAL LIGHTING	201/	SQ	12				
13				1,664	A	1,200	THEATRICAL LIGHTING	201/	SQ	14				
15	SQ	202/	LED SCREEN	1,664	B	1,200	THEATRICAL LIGHTING	201/	SQ	16				
17				1,664	C	600	LED STRIP IN TROUGH	201/	-	18				
19	SQ	202/	LED SCREEN	1,664	A	1,200	STAGE LIGHTING EQUIPMENT	201/	SQ	20				
21				1,664	B	1,200	STAGE LIGHTING EQUIPMENT	201/	SQ	22				
23	SQ	202/	LED SCREEN	1,664	C	1,200	FOH EQUIPMENT	201/	SQ	24				
25				1,664	A	1,664	LED SCREEN	202/	SQ	26				
27	SQ	202/	LED SCREEN	1,664	B	1,664				28				
29				1,664	C	1,664	LED SCREEN	202/	SQ	30				
31	SQ	202/	LED SCREEN	1,664	A	1,664				32				
33				1,664	B	1,664	LED SCREEN	202/	SQ	34				
35	SQ	202/	LED SCREEN	1,664	C	1,664				36				
37				1,664	A	1,664	LED SCREEN	202/	SQ	38				
39	SQ	202/	LED SCREEN	1,664	B	1,664				40				
41				1,664	C		SPARE	201/	-	42				
TL1 (SECT. 2)														
43	SQ	202/	LED SCREEN	1,664	A	1,664	LED SCREEN	202/	SQ	44				
45				1,664	B	1,664				46				
47	SQ	202/	LED SCREEN	1,664	C	1,664	LED SCREEN	202/	SQ	48				
49				1,664	A	1,664				50				
51	SQ	202/	LED SCREEN	1,664	B	1,664	LED SCREEN	202/	SQ	52				
53				1,664	C	1,664				54				
55	SQ	202/	LED SCREEN	1,664	A	1,664	LED SCREEN	202/	SQ	56				
57				1,664	B	1,664				58				
59	SQ	202/	LED SCREEN	1,664	C	1,664	LED SCREEN	202/	SQ	60				
61				1,664	A	1,664				62				
63	SQ	202/	LED SCREEN	1,664	B	1,664	LED SCREEN	202/	SQ	64				
65				1,664	C	1,664				66				
67	-	201/	HOUSE LIGHTS	1,400	A	-	SPARE	201/	-	68				
69	-	201/	HOUSE LIGHTS	1,150	B	-	-	201/	-	70				
71	-	201/	EMHOUSE LIGHTS	920	C	-	-	201/	-	72				
73	-	201/	EMHOUSE LIGHTS	1,070	A	-	-	201/	-	74				
75	-	201/	SPARE		B	-	-	201/	-	76				
77	-	201/	SPARE		C	-	-	201/	-	78				
79	-	201/	SPARE		A	-	-	201/	-	80				
81	-	201/	SPARE		B	-	-	201/	-	82				
83	-	201/	SPARE		C	-	SEQ-101 CONTROL POWER	101/	-	84				
NOTES: 1. PROVIDE INTERNAL 160KA (PER PHASE) SURGE PROTECTION DEVICE.				PH. A:	PH. B:	PH. C:	TOTAL. CONTROLLED LOAD:				102.6 KVA			
				35,964	33,724	32,894	TOTAL. DEMAND LOAD:				102.6 KVA			
								TOTAL. COMPUTED LOAD:				102.6 KVA		
												285.0 AMPS		
												285.0 AMPS		