

Plotting File: W:\2013\15123-VA Shreveport 3rd and 4th Floor Drawings\5123 E001\_E601\_601-3.dwg  
Plotted by: g95dm  
Plotted Date: Apr 20, 2015 - 9:56am  
one-eighth inch = one foot

three-quarters inch = one foot

one and one-half inches = one foot

one inch = one foot

three-quarters inch = one foot

one-half inch = one foot

three-eighths inch = one foot

one-quarter inch = one foot

one-eighth inch = one foot

PANEL 3LP1										TYPE SURFACE							
VOLTAGE 120/208, 3Ø, 4w										MAINS 225A M.B.							
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE			NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE	
							ØA	ØB	ØC								
1	20	2#12, #12G	1/2"	RECEPTACLES	1.0	1	2.0	/	/	2	1.0	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.8	3	/	2.0	/	4	1.2	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.8	5	/	/	1.4	6	0.6	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	7	1.4	/	/	8	0.8	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	9	/	1.2	/	10	0.6	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.0	11	/	/	2.0	12	1.0	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.2	13	2.4	/	/	14	1.2	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.8	15	/	/	1.8	16	1.0	RECEPTACLES	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	17	/	/	1.8	18	1.2	VAV'S	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.8	19	1.6	/	/	20	0.8	VAV'S	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	21	/	2.2	/	22	1.6	VAV'S	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.0	23	/	/	2.0	24	1.0	FCU-2	1/2"	2#12, #12G	20	1	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.0	25	1.0	/	/	26	-	SPACE	-	-	-	-	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.2	27	/	1.2	/	28	-	SPACE	-	-	-	-	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	29	/	/	0.6	30	-	SPACE	-	-	-	-	
1	20	2#12, #12G	1/2"	RECEPTACLES	1.2	31	1.2	/	/	32	-	SPACE	-	-	-	-	
1	20	2#12, #12G	1/2"	RECEPTACLES	0.6	33	/	/	0.6	34	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	35	/	/	/	36	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	37	/	/	/	38	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	39	/	/	/	40	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	41	/	/	/	42	-	SPACE	-	-	-	-	
TOTAL:							9.6	9.0	7.8								

PANEL <u>4ELS</u>										TYPE <u>SURFACE</u>							
VOLTAGE <u>277/480, 1Ø, 4w</u>										MAINS <u>100A M.L.O.</u>							
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE		NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE		
							#A	#B									
1	20	2#12,#12G	1/2"	LIGHTING	1.8	1	1.8		2	—	SPARE	—	—	20	1		
1	20	2#12,#12G	1/2"	LIGHTING	2.0	3		2.0	4	—	SPARE	—	—	20	1		
—	—	—	—	SPACE	—	5	—		6	—	SPARE	—	—	20	1		
—	—	—	—	SPACE	—	7			8	—	SPACE	—	—	—	—		
—	—	—	—	SPACE	—	9	—		10	—	SPACE	—	—	—	—		
—	—	—	—	SPACE	—	11			12	—	SPACE	—	—	—	—		
TOTAL:						1.8	2.0	MINIMUM 18,000 A.I.C. RATING									

PANEL <u>HDP4</u>											TYPE <u>SURFACE</u>						
VOLTAGE <u>277/480, 1Ø, 4w</u>											MAINS <u>400A M.B.</u>						
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE			NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE	
							#A	#B	#C								
3	100	4#1/0, #6G	2"	PANEL OAH	31.8	1	63.6			2	31.8	PANEL OVH	2"	4#1/0, #6G	150	3	
					30.6	3		61.2		4	30.6						
					30.6	5			61.2	6	30.6						
3	100	4#2, #6G	1-1/2"	PANEL HP4	4.1	7	33.2			8	29.1	CT SCAN	2"	4#1/0, #6G	150	3	
					3.1	9		32.2		10	29.1						
					1.9	11			31.0	12	29.1						
3	100	-	-	SPARE	-	13	-	-	-	14	-	SPACE	-	-	-	-	
					-	15	-	-	-	16	-	SPACE	-	-	-	-	
					-	17	-	-	-	18	-	SPACE	-	-	-	-	
3	60	-	-	SPARE	-	19	-	-	-	20	-	SPACE	-	-	-	-	
					-	21	-	-	-	22	-	SPACE	-	-	-	-	
					-	23	-	-	-	24	-	SPACE	-	-	-	-	
3	30	-	-	SPARE	-	25	-	-	-	26	-	SPACE	-	-	-	-	
					-	27	-	-	-	28	-	SPACE	-	-	-	-	
					-	29	-	-	-	30	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	31	-	-	-	32	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	33	-	-	-	34	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	35	-	-	-	36	-	SPACE	-	-	-	-	
1	20	-	-	SPARE	-	37	18.4	-	-	38	18.4	TRANSFORMER X4LP	2"	3#1/0, #6G	120	3	
1	20	-	-	SPARE	-	39	-	16.8	-	40	16.8						
1	20	-	-	SPARE	-	41	-	-	17.8	42	17.8						
TOTAL:							115.2	110.2	110.0	MINIMUM 18,000 A.I.C. RATING							

PANEL HP4 ①										TYPE SURFACE							
VOLTAGE 277/480, 3Ø, 4w										MAINS 100A M.L.O.							
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE			NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE	
							#A	#B	#C								
1	20	2#12, #12G	1/2"	LIGHTING (2)	2.0	1	2.0			2	-	SPARE	-	-	20	1	
1	20	2#12, #12G	1/2"	LIGHTING (2)	1.7	3		1.7		4	-	SPARE	-	-	20	1	
1	20	2#12, #12G	1/2"	LIGHTING (2)	1.9	5			1.9	6	-	SPARE	-	-	20	1	
1	20	2#12, #12G	1/2"	LIGHTING (2)	2.1	7	2.1			8	-	SPARE	-	-	20	1	
1	20	2#12, #12G	1/2"	LIGHTING (2)	1.4	9		1.4		10	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	11				12	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	13	-			14	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	15	-	-		16	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	17	-	-		18	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	19	-	-		20	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	21	-	-		22	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	23	-	-		24	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	25	-	-		26	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	27	-	-		28	-	SPARE	-	-	20	1	
1	20	-	-	SPARE	-	29	-	-		30	-	SPARE	-	-	20	1	
① PROVIDE SQUARE "D" POWERLINK G3, 3000 LEVEL SYSTEM. TOTAL: MAKE ALL REQUIRED CONNECTIONS AND PROVIDE ALL CABLING AS REQUIRED SO THAT POWERLINK G3 3000 SYSTEM IS CONNECTED TO THE INTERNET AND FULLY OPERATIONAL. PROVIDE ALL PROGRAMMING AS REQUIRED AND EDUCATE/TRAIN USERS TO ACCESS SYSTEM VIA INTERNET AND TO PROGRAM SYSTEM TO CONTROL LIGHTING FUNCTIONS.							4.1	3.1	1.9	MINIMUM 18,000 A.I.C. RATING							
										② COORDINATE CONTROL OF LIGHTING TO BE CONSISTENT WITH SIMILAR SPACES AT BASEMENT FLOOR AND FIRST FLOOR.							