

## ADDENDUM #9

Project:	Brighton Recovery Campus-Building A	From:	Jason Worthen
Project No:	20160686	Date:	April 12, 2016

DISCIPLINES Mechanical Engineering Electrical Engineering Technology Design Acoustical Engineering Lighting Design Theatre Design Fire Protection Engineering Building Commissioning

## CENTERS OF

ENGINEERING EXCELLENCE Healthcare Higher Education K-12 Education Government Houses of Worship Special Projects

> SALT LAKE CITY 324 S. State Street Suite 400 Salt Lake City, UT 84111 phone: 801-328-5151 fax: 801-328-5155

## PHOENIX

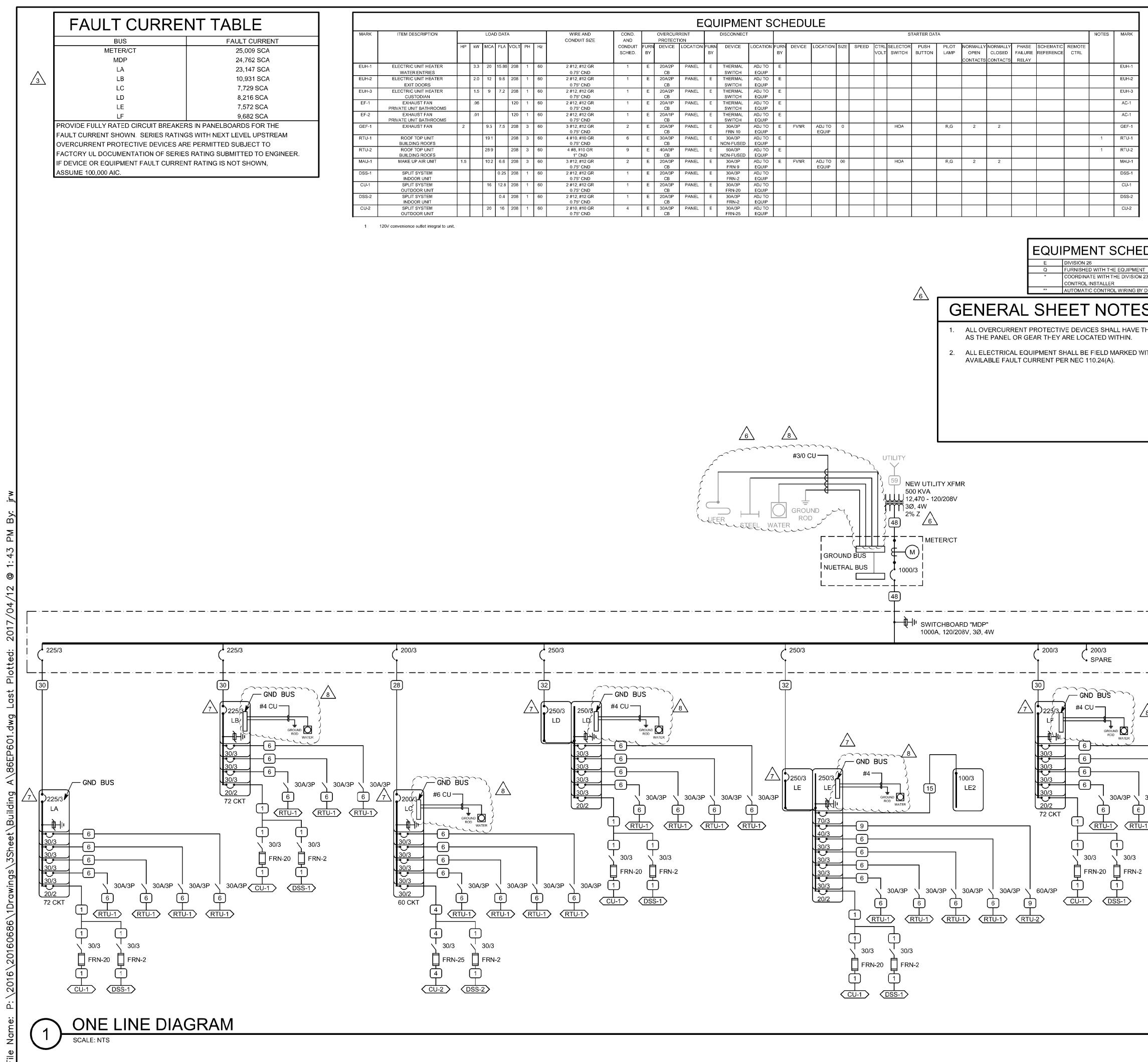
1501 W. Fountainhead Parkway Suite 340 Tempe, AZ 85282 phone: 480-621-3444 fax: 480-621-3445

www.spectrum-engineers.com 800-678-7077

## BUILDING A DRAWINGS Design Design Design 1. Changed one-line

1. Changed one-line diagram to shown the grounding electrode conductors for Building A as new.

2. Added grounding electrodes and grounding electrode conductors for the panels in buildings B, C, D, E and F.



			PPER COND								elch St a Lane 84047	in.com
	***	** * SCHEDULE NUMBER (E.G.) 5									L. W. Ditec Jtan 8 Jtan 8	801.548-6391 dwelch5977®msn.com
	SYM		BSCRIPT (NOTI	BSCRIPT (NOTE 5)				SBJ	NOTES	-	Donald L. Welch Architect 33 Sandy Land Lan idvale, Utah 8404 801. 548-6391	
		20	.75	QTY	SIZE 12	G 12	IG/HH 12	8	2	_	DC Aidva S	velci
	2	20 20	.75 .75	3	12 12	12 12	12 12	8 8	2,3 2,3	-	- 23	ó
	4	30	.75	2	10	12	10	8	2			
	5	30 30	.75 .75	3	10 10	10 10	10 10	8 8	2	-		
	7	40	1	2	8	10	8	6	2			
	8	40 40	1	3	8	10 10	8 8	6 6	2 2	-		
	10	40 55	1	2	6	10	8	4	2	-		
	11	55	1	3	6	10	8	4	2	]		
	(12) (13)	55 70	1.25 1	4	6 4	10 8	8	4 2	2 2	-		
ULE KEY	14	70	1.25	3	4	8	4	2	2	1		
	(15) (16)	70 85	1.25 1.25	4	4	8	4	2 2	2 2	-	THE DESIGNS SHOWN AND DESCRIBED HINGLUDING ALL TECHNICAL DRAWINGS,	HERE
	17	85	1.25	3	3	8	3	2	2	-	RAPHIC REPRESENTATION & MODELS THEREOF, ARE PROPRIETARY & CAN N	
SION 23	18	85	1.25	4	3	8	3	2	2		Copied, duplicated, or commerciall Exploited in whole or in part with The sole and express written	y Out
	(19) (20)	95 95	1.25 1.50	3	2 2	8	2	2 2	2 2	-	PERMISSION FROM DONALD L. WELCH	
SAME AIC RATING	21	130	1.50	3	1	6	2	2	2		HESE DRAWINGS ARE AVAILABLE FOR JMITED REVIEW AND EVALUATION BY C	1 IFN
	22 23	130 150	1.50 2	4	1 1/0	6 6	2 2	2 1/0	2 2	-	CONSULTANTS, CONTRACTORS, GOVERN AGENCIES, VENDORS, AND OFFICE PERS	MENT Sonn
THE CALCULATED	23	150 150	2	4	1/0 1/0	6	2	1/0 1/0	2 2	-	ONLY IN ACCORDANCE WITH THIS NOTIC	Æ.
	25	175	2	3	2/0	6	2	2/0	2			
	26 27	175 200	2	4	2/0 3/0	6 6	2 2	2/0 2/0	2 2		consultant:	
	27	200	2.50	4	3/0	6	2	2/0	2		ROFESSION	
	29	230	2.50	3	4/0	4	2	2/0	2			
	<u>(30)</u> (31)	230 255	2.50 2.50	4	4/0 250	4	2	2/0 2/0	2 2		S No. 185978	
	32	255	2.50	4	250	4	1	2/0	2		No. 185978 PETER E. JOHANSEN	MMMuz,
	<u>33</u> 34	310 310	3	3	350 350	3	1/0 1/0	3/0 3/0	2 2	8	The second second	
	35	380	3.50	4	500	3	3/0	3/0	2		TE OF UT LAN	
	36	380	4	4	500	3	3/0	3/0	2	$\overline{0}$		
	37 (38)	400 400	2 EA 2 2 EA 2.50	3	3/0 3/0	3	3/0 3/0	3/0 3/0	2	$  \bigcirc$	project:	
	39	510	2 EA 2.50 2 EA 2.50	3	250	1	4/0	3/0	2			
	40	510	2 EA 3	4	250	1	4/0	3/0	2	#7	Tenant Finish	
	(41) (42)	620 620	2 EA 3 2 EA 3	3	350 350	1/0 1/0	4/0 4/0	3/0 3/0	2,4 2,4		for New	
	43	760	2 EA 3.50	3	500	1/0	4/0	3/0	2,4		Brighton	
	44	760 855	2 EA 4 3 EA 3	4	500 300	1/0 2/0	4/0 4/0	3/0 3/0	2,4 2,4		Recovery	
	45 (46)	855	3 EA 3	4	300	2/0	4/0	3/0	2,4			
	47	1000	3 EA 3.50	3	400	2/0	4/0	3/0	4	$  \land$		
ļ	(48) (49)	1000 1140	3 EA 3.50 3 EA 4	4	400 500	2/0 3/0	4/0 4/0	3/0 3/0	4		4905, 4911, 4915, 4925, 4931, & 4953 South 90	
200/3	50	1140	3 EA 4	4	500	3/0	4/0	3/0	4		East	
SPACE	51	1240	4 EA 3	3	350	3/0	4/0	3/0	4		Salt Lake County, L	Jta
	<u>(52)</u> (53)	1240 1675	4 EA 3 5 EA 4	4	350 400	3/0 4/0	4/0 4/0	3/0 4/0	4	a l		
<u> </u>	54	2010	6 EA 4	4	400	250	250	250	4		date	
N N	55 56	2660 3040	7 EA 4 8 EA 4	4	500 500	350 500	350 500	350 500	4	+	January 04, 2	2017
-	57	4180	11 EA 4	4	500	500	500	500	4			.017
	58		5 EA 4						6		revisions	
	59 60		5 10 EA 4						6	+	PERMIT SET-December 28, 2	2016
			CTOR AND COI			.E NOTE	s				ADDENDUM #3-January 11, 2	
	1.	CONDU	CTORS SHOW	N ARE SH	HOWN F	OR EAC	H COND	UIT WIT	Н		ADDENDUM #4-January 17, 2 ADDENDUM #5-January 19, 2	
4/3P \ 30A/3P \ 30A/3F			CATIONS AS NO JNLESS OTHER			ALL CO	NDUCT	ORS SH	IOWN ARE		ADDENDUM #7-February 24,	201
	2.		E EQUIPMENT								ADDENDUM #8-March 20, ADDENDUM #9-April 12,	
<u>(RTU-1)</u> (RTU-1)		CIRCUI	T BREAKERS AI .E.	RE SIZEI	D GREA	TER THA	N AMPE	RE RA	FING SHOWN		data	20
	3.		DE #10 NEUTRA	LS FOR I	MULTIW	IRE BRA	NCH CIF	RCUITS	SERVING		project no:	
		COMPU								0	drawn by:	
	4.		ID CONDUCTOF FORMER AND T							4	checked by:	
	5.	SYMBO	L SUBSCRIPTS	:						<b>~</b>	title	
								D AS S	CHEDULED	$ $ $\triangleleft$	ONE LINE	
											DIAGRAM	
		"FG": FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE THE SAME SIZE AS THE PHASE CONDUCTORS.								$\bigcirc$	sheet	
			: NEUTRAL CU NLINEAR'' LOAD									
		ACC	ORDINGLY. PR	ROVIDE T	HE IG/H							
		"IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH GROUND OF EQUIPMENT GROUND CONDUCTOR.								SUILDING	EP6 01	
		WHI	": SUBSTITUTE CH IS SIZED FO ARATELY DERIN	R THE S	YSTEM							
	6.		AY ONLY. CON			VIDED B	Y UTILIT	Y.				
										1		