



## ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

Date Issued:	May 5, 2020
Project:	Intermountain Healthcare <b>Tooele Valley Dialysis Clinic Expansion</b> 2356 North 400 East, Suite #102 Tooele, Utah 84074
Architect's Supplemental Instructions:	<b>ASI #5</b>
To:	Saunders Construction 1113 South 500 West Bountiful, Utah 84010

The Work shall be revised in accordance with the following supplemental instructions and shall be carried out in accordance with the Contract Documents. Prior to proceeding with the work described, the Contractor is to determine if the work is to affect the contract amount. If additional costs are to be incurred, the Contractor shall submit an itemized cost breakdown showing time, material and other items affected by the change. After acceptance of this work and associated costs, a change order will be prepared for signatures to affect a change to the contract.

Item Number	Description
1	Please see attached Electrical ASI #5 from Spectrum Engineer prepared in coordination with Owner for circuiting update at TDR Room.

### Attachments:

ASI #5 Memo from Spectrum Engineers  
Revised sheet EE601, EP101.



**SPECTRUM**

E N G I N E E R S

## Electrical ASI #05

**Project:** Dialysis Clinic Expansion

**From:** Peter Johansen

**Project No:** 20190957

**Date:** May 05, 2020

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### DISCIPLINES

Mechanical Engineering

Electrical Engineering

Technology Design

Acoustical Engineering

Lighting Design

Theatre Design

Fire Protection Engineering

Building Commissioning

## DRAWINGS

### EE601 / EP101

1. Updated circuiting details for TDR A126.

### 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

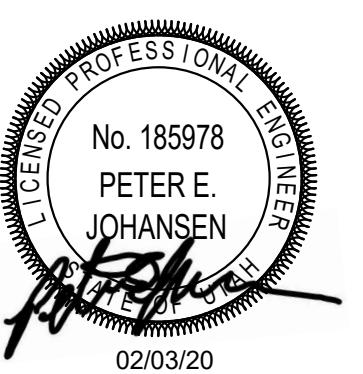
1501 W. Fountainhead Parkway

Suite 340

Tempe, AZ 85282

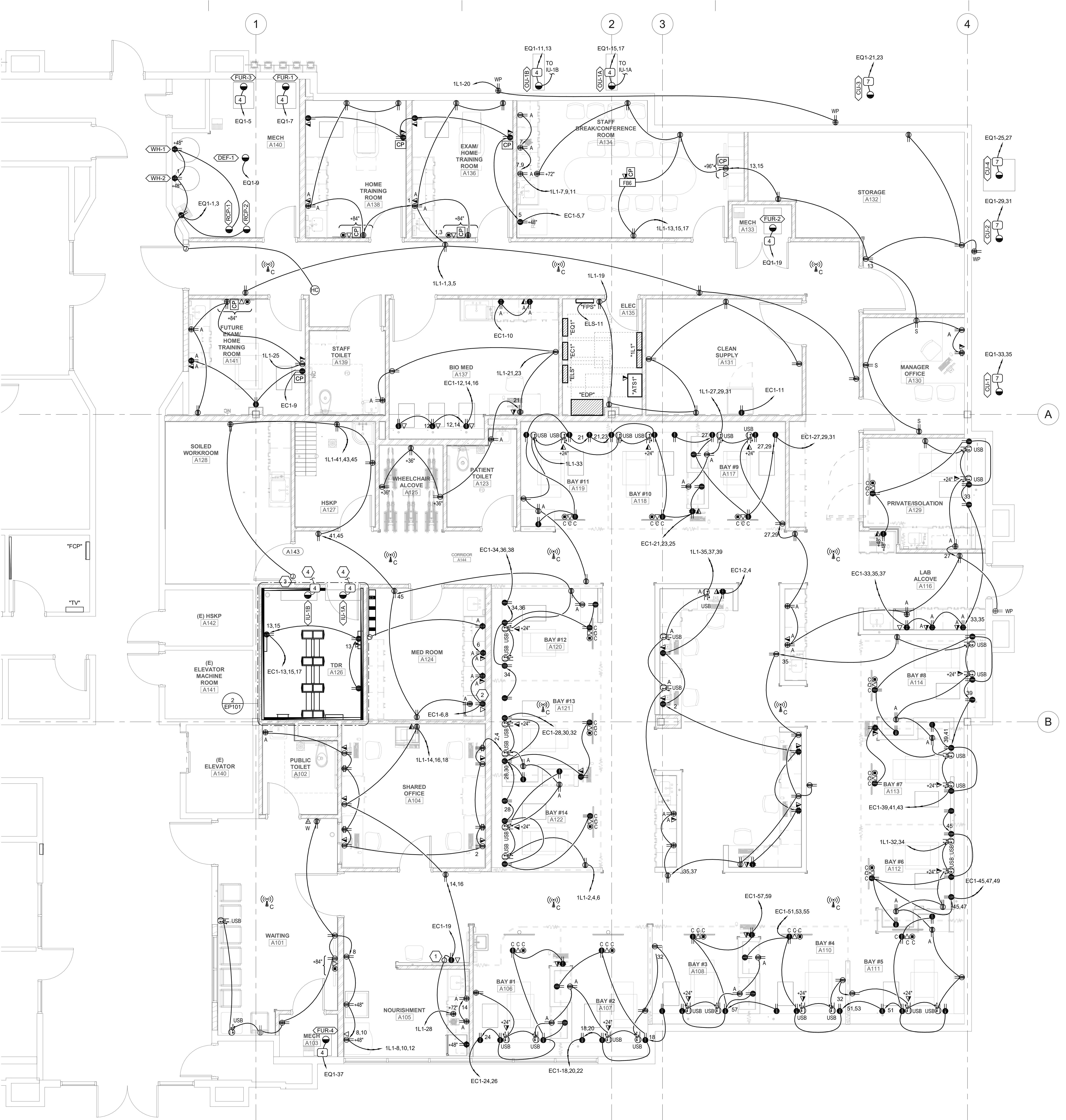
phone: 480-621-3444

fax: 480-621-3445



2/03/20

PANEL: "1L1"																				
VOLTS/PHASE/WIRE:			PANEL SIZE & TYPE:			MAIN SIZE AND TYPE:			FED FROM:											
120/208V, 3 PH 4 WIRE			22" W x 6" D, BOLT-ON			225 AMPERE MAIN LUGS			EDP											
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR																				
AIC RATING: 22000																				
CKT	OCP	LOAD (kVA)	NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A	B	C	LOAD (kVA)	OCP	CKT				
1	20	1	0.0	0.0	0.7	CO HOME TRAINING ROOM A138	0.7	1.3		CO ROOM A104, A102	1.3	0.0	0.0	1	20	2				
3	20	1	0.0	0.0	0.7	CO EXAM HOME TRAINING ROO...		0.7	1.1	CO SHARED OFFICE A104	1.1	0.0	0.0	1	20	4				
5	20	1	0.0	0.0	0.7	CO ROOM A146, A145		0.7	0.9	CO ROOM A121, A122	0.9	0.0	0.0	1	20	6				
7	20	1	0.0	0.0	0.2	CO STAFF BREAK/CONFERENCE...	0.2	1.1		CO WAITING A101	1.1	0.0	0.0	1	20	8				
9	20	1	0.0	0.0	0.2	CO STAFF BREAK/CONFERENCE...		0.2	0.4	CO ROOM A142, A105	0.4	0.0	0.0	1	20	10				
11	20	1	0.0	0.0	0.2	CO STAFF BREAK/CONFERENCE...		0.2	0.2	CO NOURISHMENT A105	0.2	0.0	0.0	1	20	12				
13	20	1	0.0	0.0	1.1	CO MANAGER OFFICE A130	1.1	0.2		CO NOURISHMENT A105	0.2	0.0	0.0	1	20	14				
15	20	1	0.0	0.0	0.9	CO STORAGE A139		0.9	0.2	CO NOURISHMENT A105	0.2	0.0	0.0	1	20	16				
17	20	1	0.0	0.0	1.3	CO STAFF BREAK/CONFERENCE...		1.3	0.5	CO ROOM A142, A104	0.5	0.0	0.0	1	20	18				
19	20	1	0.0	0.0	1.1	CO ROOM A131, A135	1.1	0.4		CO EXTERIOR	0.4	0.0	0.0	1	20	20				
21	20	1	0.0	0.0	0.7	ROOM A123, A128, A127, A125		0.7	0.4	LIGHTING ROOM A146, A145, A144...	0.0	0.0	0.4	1	20	22				
23	20	1	0.0	0.0	0.9	CO ROOM A139, A137		0.9	0.7	LIGHTING ROOM A128, A127, A104...	0.0	0.0	0.7	1	20	24				
25	20	1	0.0	0.0	0.7	CO FUTURE EXAM/HOME...	0.7	0.9		LIGHTING ROOM A134, A133, A141...	0.0	0.0	0.9	1	20	26				
27	20	1	0.0	0.0	0.5	CO PRIVATE/ISOLATION A129		0.5	0.2	CO NOURISHMENT A105	0.2	0.0	0.0	1	20	28				
29	20	1	0.0	0.0	1.1	CO LAB ALCOVE A116		1.1	1.1	CO ROOM A106, A107	1.1	0.0	0.0	1	20	30				
31	20	1	0.0	0.0	0.7	CO ROOM A117, A118	0.7	1.1		CO ROOM A108, A110	1.1	0.0	0.0	1	20	32				
33	20	1	0.0	0.0	0.9	CO ROOM A117, A118, A119		0.9	1.3	CO ROOM A112, A111	1.3	0.0	0.0	1	20	34				
35	20	1	0.0	0.0	0.9	CO ROOM A114, A113		0.9	0.0	SPARE	--	--	0.0	1	20	36				
37	20	1	0.0	0.0	0.9	CO ROOM A104, A109, A115	0.9	0.0		SPARE	--	--	0.0	1	20	38				
39	20	1	0.0	0.0	0.8	CO ROOM A142, A115, A143		0.8	0.0	SPARE	--	--	0.0	1	20	40				
41	20	1	0.0	0.0	0.5	CO ROOM A120, A121, A124		0.5	0.0	SPARE	--	--	0.0	1	20	42				
43	20	1	0.0	0.2	0.7	CO ROOM A128, A127	0.9	0.0		SPARE	--	--	0.0	1	20	44				
45	20	1	0.0	0.0	0.5	CO BAY #12 A120		0.5	0.0	SPARE	--	--	0.0	1	20	46				
47	20	1	--	--	--	SPARE		0.0	0.0	SPARE	--	--	0.0	1	20	48				
49	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	50				
51	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	52				
53	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	54				
55	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	56				
57	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	58				
59	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	60				
61	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	62				
63	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	64				
65	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	66				
67	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	68				
69	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	70				
71	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	72				
73	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	74				
75	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	76				
77	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	78				
79	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	80				
81	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	82				
83	20	1	--	--	--	SPARE	0.0	0.0		SPARE	--	--	0.0	1	20	84				
TOTALS:			CONNECTED KVA PER PHASE			11	9	9		CONNECTED TOTAL KVA =			29							
CONNECTED AMPS PER PHASE			93	73	75					AVERAGE CONNECTED AMPS PER PHASE =			80							
NEC DIVERSIFIED LOAD CALCULATIONS																				
LIGHTING & CONTINUOUS LOADS: 2.0 KVA @ 125% = 2.5 KVA - 100% CONNECTED LOAD PLUS 25%																				
RECEPTACLES: 26.7 KVA @ 69% = 18.4 KVA - FIRST 10KVA @ 100%, REMAINDER @ 50%																				
ALL OTHER LOADS @ 100%: 0.2 KVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																				



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## GENERAL SHEET NOTES

1 GROUNDING FOR ALL CIRCUITS TO MEET NEC 517-13 (a) & (b) REQUIREMENTS.

**NJRA**  
ARCHITECTS

**NJRA Architects, Inc.**  
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Murray, Utah 84123  
801.364.9259  
www.njraarchitects.com



## SHEET KEYNOTES

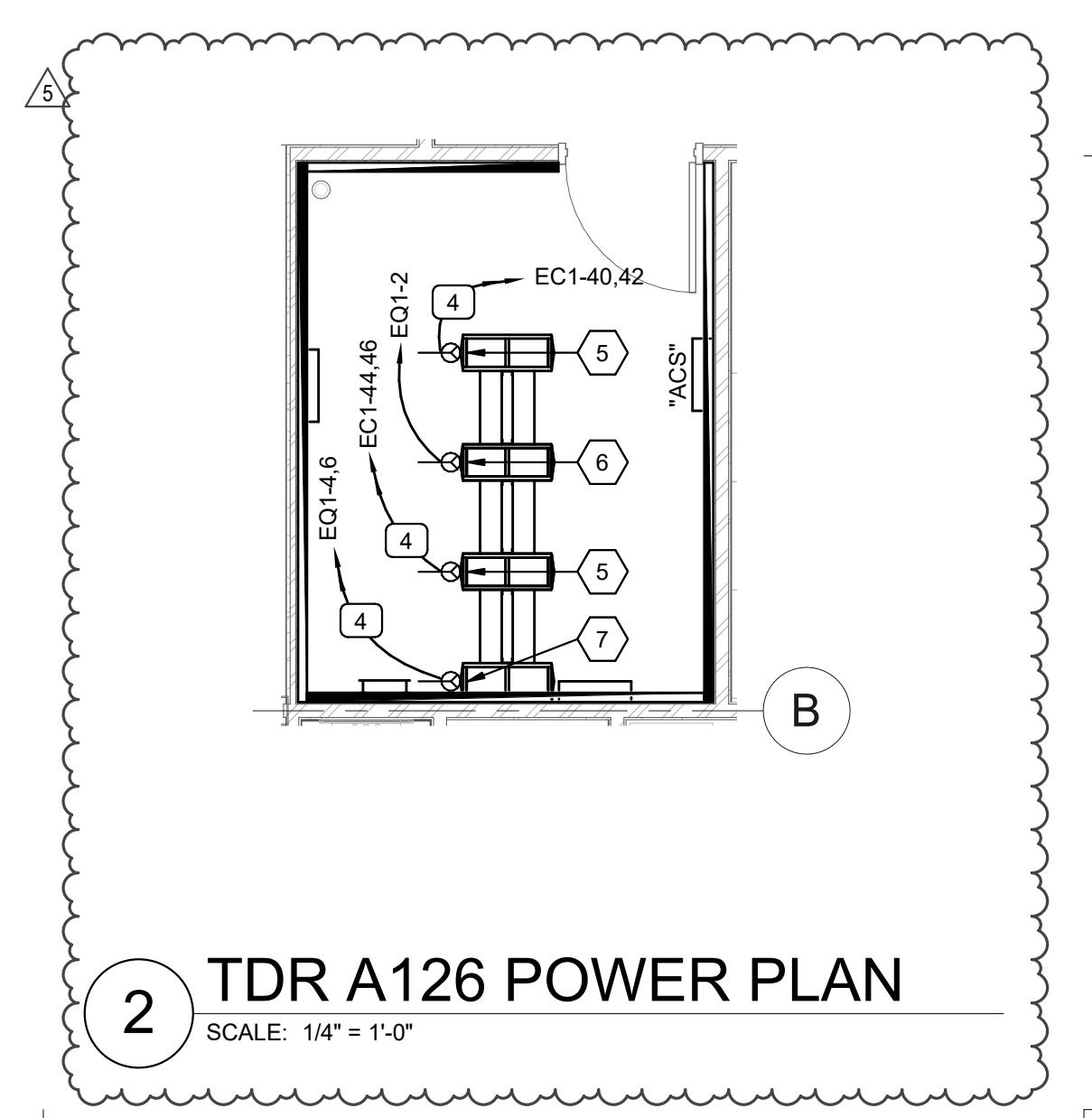
- 1 RUN .75" CONDUIT FROM IN-FLOOR SCALE TO MONITOR RECESSED IN WALL.
- 2 POWER AND DATA FOR UIC FRIDGE, FRIDGE WILL HAVE TEMP TRACKING.
- 3 PROVIDE 120 VOLT POWER TO SAFE-ZONE CLOSER.
- 4 CIRCUIT WITH OUT DOOR SPLIT SYSTEM UNIT.
- 5 L6/30 RECEPTACLE MOUNTED AT 76".
- 6 L5/20R RECEPTACLE MOUNTED AT 76".
- 7 L14/30 RECEPTACLE MOUNTED AT 71" AFF TO BOTTOM OF BOX.

Tooele Valley Dialysis Clinic Expansion

Intermountain Healthcare

Northpointe Medical Park, Bldg B  
2336 North 400 East, Suite #102  
Tooele, Utah 84074

NJRA Project # 19230.00  
Construction Documents Feb 03, 2020  
2 ASI #01 03/02/20  
5 ASI #05 05/05/20



POWER PLAN  
LEVEL 1

EP101