FEEDER SCHEDULE (600V, 3Ø, 3W)

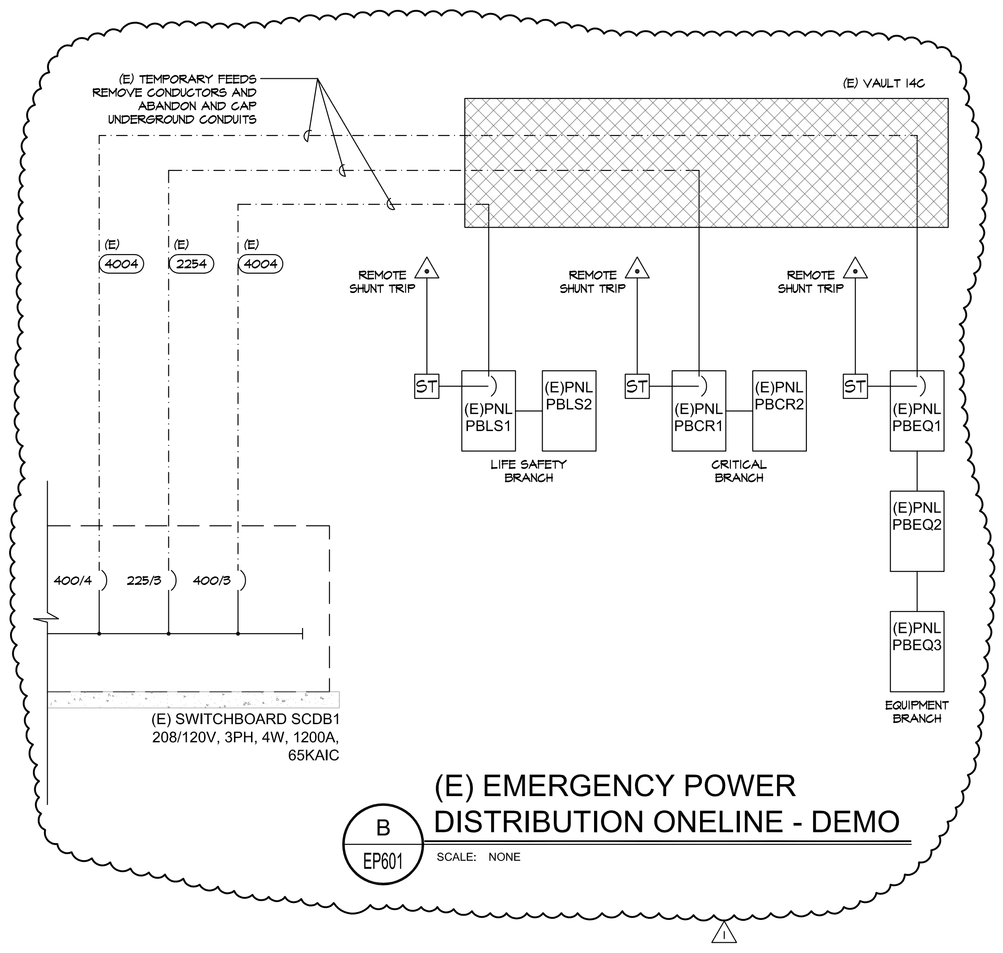
FEEDER	AMPERE	WIRE (CU)	BOND (CU)	CONDUIT
153	15	(3) 12	12	3/4"
203	20	(3) 12	12	3/4"
303	30	(3) 10	10	3/4"
403	40	(3) 8	10	3/4"
503	50	(3) 6	10	1"
603	60	(3) 4	8	1"
703	70	(3) 4	8	1 1/4"
803	80	(3) 3	8	1 1/4"
1003	100	(3) 2	8	1 1/4"
1253	125	(3) 1/0	6	1 1/2"
1503	150	(3) 1/0	6	1 1/2"
1753	175	(3) 2/0	6	2"
2003	200	(3) 3/0	6	2"
2253	225	(3) 4/0	4	2 1/2"
2503	250	(3) 250K	4	2 1/2"
3003	300	(3) 350K	3	3"
3503	350	(3) 400K	3	3"
4003	400	(3) 500K	3	4"
5003	500	(6) 250K	(2) 2	(2) 2 1/2"
6003	600	(6) 350K	(2) 1	(2) 3"
8003	800	(6) 500K	(2) 1/0	(2) 4"
10003	1000	(9) 400K	(3) 2/0	(3) 3"
12003	1200	(9) 600K	(3) 3/0	(3) 4"
16003	1600	(12) 600K	(4) 4/0	(4) 4"
20003	2000	(15) 600K	(5) 250K	(5) 4"

FEEDER SCHEDULE (600V, 3Ø, 4W)

FEEDER	AMPERE	WIRE (CU)	BOND (CU)	CONDUIT
154	15	(4) 12	12	3/4"
204	20	(4) 12	12	3/4"
304	30	(4) 10	10	3/4"
404	40	(4) 8	10	1"
504	50	(4) 6	10	1"
604	60	(4) 4	10	1 1/4"
704	70	(4) 4	8	1 1/4"
804	80	(4) 3	8	1 1/4"
1004	100	(4) 2	8	1 1/2"
1254	125	(4) 1/0	6	2"
1504	150	(4) 1/0	6	2"
1754	175	(4) 2/0	6	2"
2004	200	(4) 3/0	6	2"
2254	225	(4) 4/0	4	2 1/2"
2504	250	(4) 250K	4	3"
3004	300	(4) 350K	3	3"
3504	350	(4) 400K	3	3"
4004	400	(4) 500K	3	4"
5004	500	(8) 250K	(2) 2	(2) 2 1/2"
6004	600	(8) 350K	(2) 1	(2) 3"
8004	800	(8) 500K	(2) 1/0	(2) 4"
10004	1000	(12) 400K	(3) 2/0	(3) 3 1/2"
12004	1200	(12) 600K	(3) 3/0	(3) 4"
16004	1600	(16) 600K	(4) 4/0	(4) 4"
20004	2000	(20) 600K	(5) 250K	(5) 4"

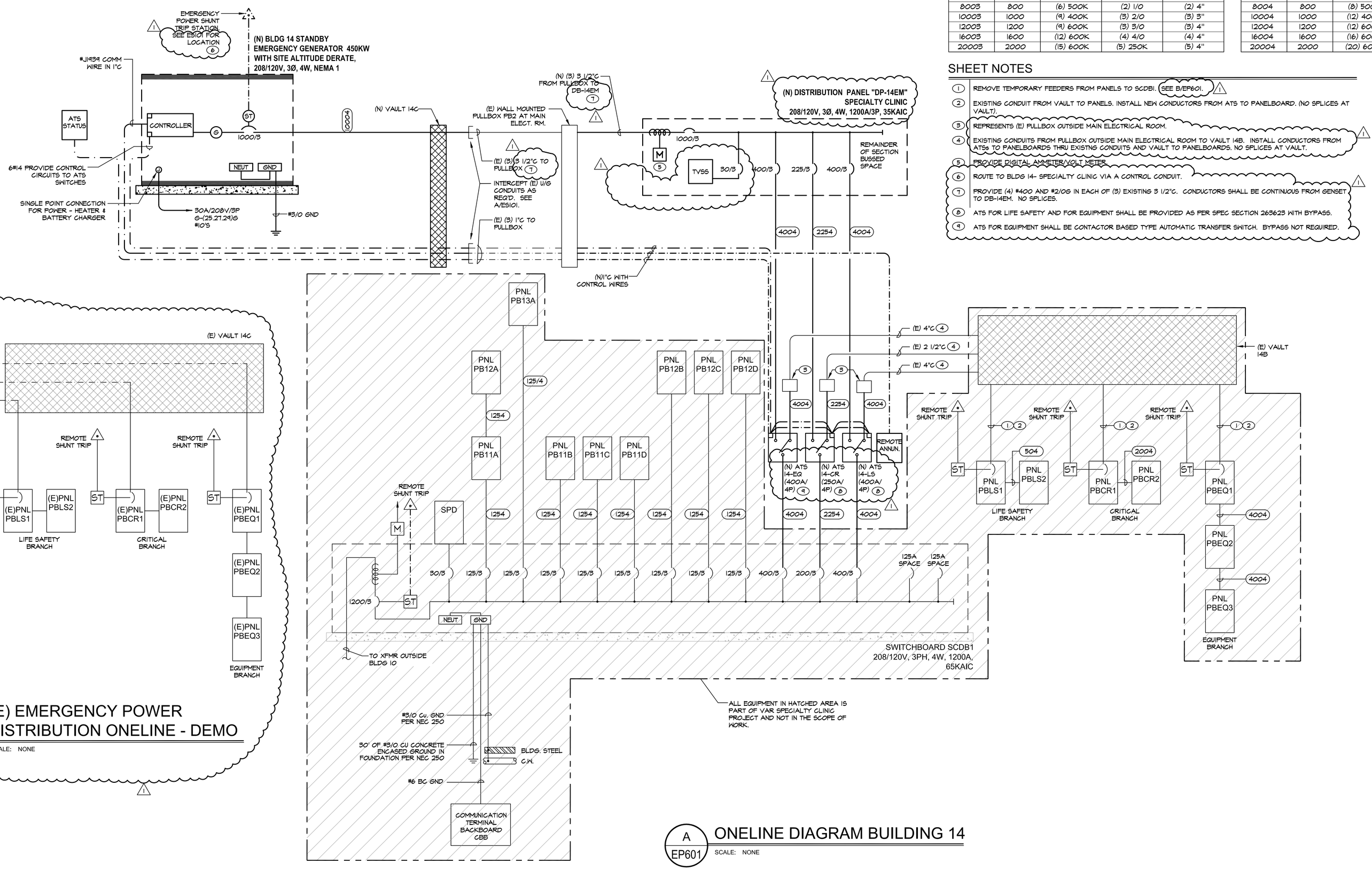
SHEET NOTES

1. REMOVE TEMPORARY FEEDERS FROM PANELS TO SCDB1. SEE B/EP601.
2. EXISTING CONDUIT FROM VAULT TO PANELS. INSTALL NEW CONDUCTORS FROM ATS TO PANELBOARD. (NO SPLICES AT VAULT).
3. REPRESENTS (E) PULLBOX OUTSIDE MAIN ELECTRICAL ROOM.
4. EXISTING CONDUITS FROM PULLBOX OUTSIDE MAIN ELECTRICAL ROOM TO VAULT 14B. INSTALL CONDUCTORS FROM ATSs TO PANELBOARDS THRU EXISTING CONDUITS AND VAULT TO PANELBOARDS. NO SPLICES AT VAULT.
5. PROVIDE DIGITAL AMMETER/VOLT METER.
6. ROUTE TO BLDG 14- SPECIALTY CLINIC VIA A CONTROL CONDUIT.
7. PROVIDE (4) #400 AND #2/0G IN EACH OF (3) EXISTING 3 1/2"C. CONDUCTORS SHALL BE CONTINUOUS FROM GENSET TO DB-14EM. NO SPLICES.
8. ATS FOR LIFE SAFETY AND FOR EQUIPMENT SHALL BE PROVIDED AS PER SPEC SECTION 263623 WITH BYPASS.
9. ATS FOR EQUIPMENT SHALL BE CONTACTOR BASED TYPE AUTOMATIC TRANSFER SWITCH. BYPASS NOT REQUIRED.



B EP601 (E) EMERGENCY POWER DISTRIBUTION ONELINE - DEMO

SCALE: NONE



A EP601 ONELINE DIAGRAM BUILDING 14

SCALE: NONE

Bid Documents

Revisions	Date
1 ADDENDUM 1	5-22-14

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Drawing Title	ONELINE DIAGRAM BUILDING 14
Approved Project Director	
Project Title	VA UPGRADE EMERGENCY POWER FOR SPECIALTY CLINIC
Location	975 Kirman Avenue, Reno, NV 89502
Date	September 11, 2013
Checked	KDP
Drawn	TPT
Project Number	654-12-904
Building Number	10
Drawing Number	EP601

Office of Construction and Facilities Management
Department of Veterans Affairs

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