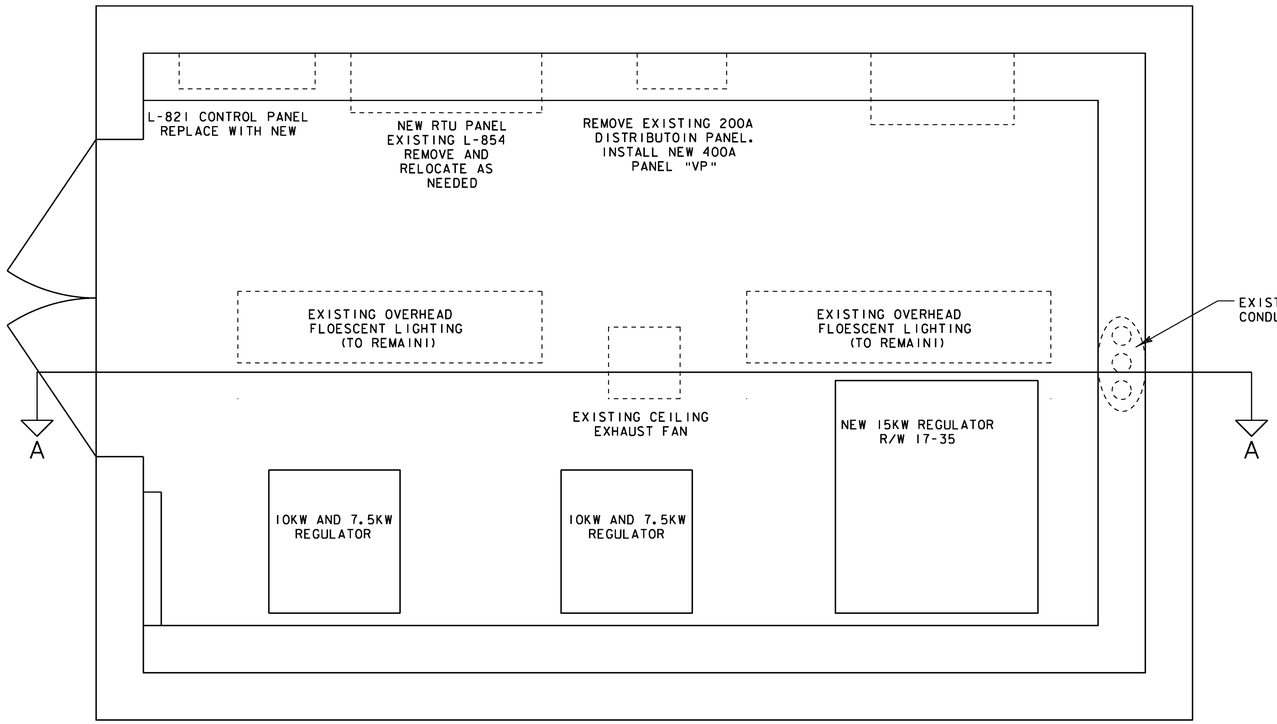
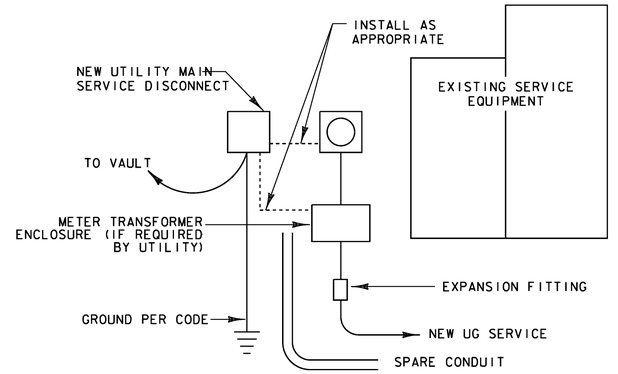
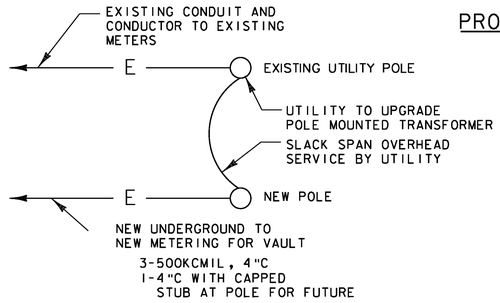


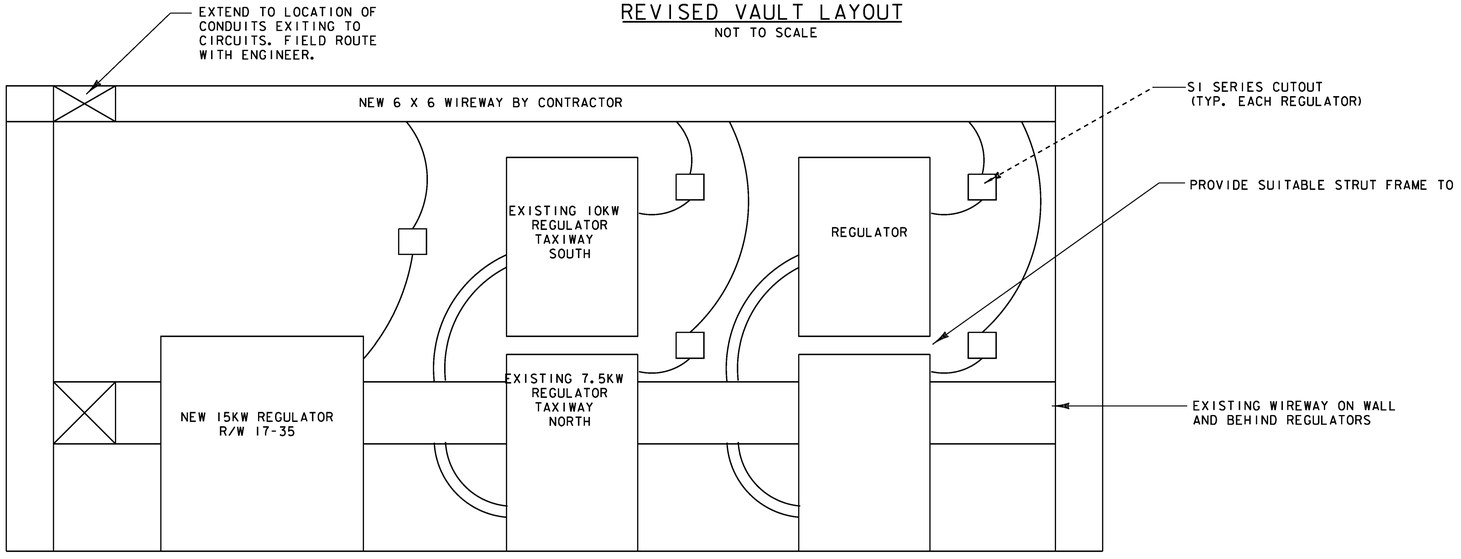


PROPOSED NEW SERVICE LOCATION
NOT TO SCALE



PROPOSED UTILITY MODIFICATI
NOT TO SCALE

REVISED VAULT LAYOUT
NOT TO SCALE



TYPICAL ELEVATION OF REGULATORS IN VAULT
SECTION A-A
NOT TO SCALE

PANEL VP DIAGRAM

400AMP, M LO, 240/120 VOLT, 1 PHASE, 3 WIRE, 60 HERTZ				
CIRCUIT NO.	NO. POLES	RATING	RATING	LOAD
1,3	2	125	15KW REGULATOR R/W 17-35	15
2,4	2	70	10KW REGULATOR R/W 5-23	10
5,7	2	70	10KW REGULATOR T/W SOUTH	10
6,8	2	60	7-1/2KW REGULATOR T/W NORTH	7.5
9,11	2	60	7-1/2KW REGULATOR T/W EAST	7.5
10,12	2	20	(EXISTING LOAD IN EXISTING PANEL)	est. 3.5
13	1*	20	CONTROLS (L821, RTU, RADIO)	est. 0.8
14	1	20	EXHAUST FAN-VAULT	est. 0.8
15-30	1	20	SPARE	
31-42	1	-	SPACE FOR FUTURE	
* PROVIDE WITH FULL CAPACITY SUB-FEED LUGS				

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PROJECT NAME: E.F. KNAPP STATE AIRPORT
A.I.P. 3-50-0001-011-2009
PROJECT NUMBER: BERLIN AIR 04-3216
FILE NAME: 302803_sht_elec_det.dgn PLOT DATE: 11/22/2011
PROJECT LEADER: S. FORTNEY DRAWN BY: D. STANDISH
DESIGNED BY: S. BOUCHARD CHECKED BY: J. DOWNAR
ELECTRICAL DETAIL SHEET 5 SHEET 108 OF 173