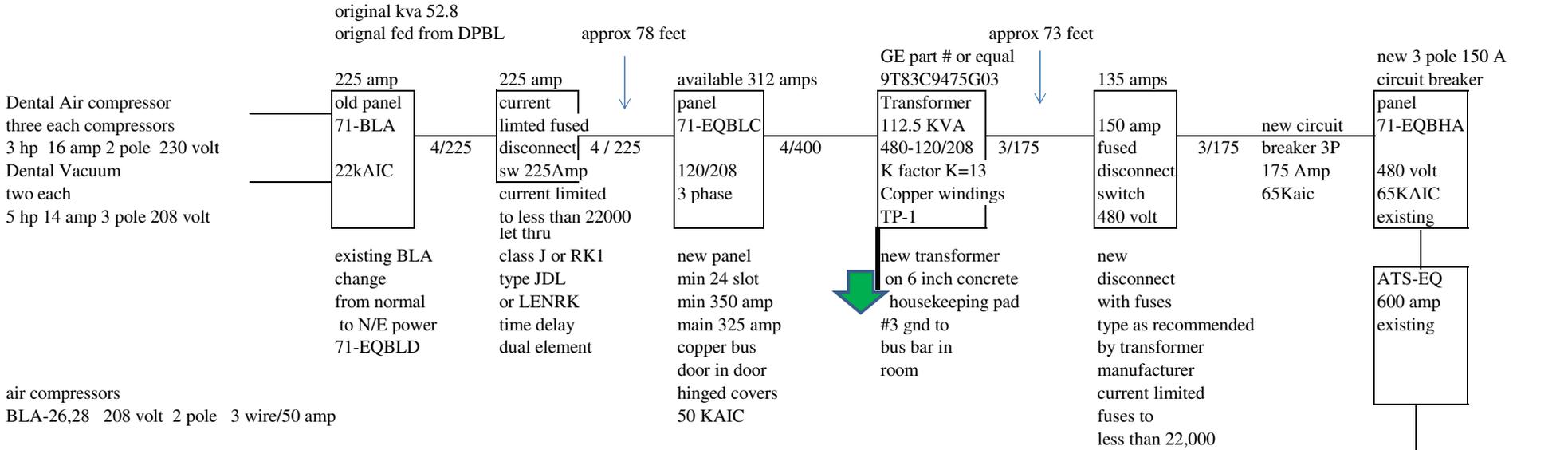


SKETCH GSK-PANEL BLA 4APRIL2012



air compressors
BLA-26,28 208 volt 2 pole 3 wire/50 amp

dental vacuum
BLA-30,32,34 208 volt 3 pole 4 wire/30 amp
BLA-36,38,40 208 volt 3 pole 4 wire/30 amp

EMT							90deg THHN
id#	conduit	# feeders	feeder	Neutral	gnd	amps	
4/150	2 inch	3	1/o	1/o	#6	170	
3/175	2 inch	3	2/o		#6	195	
4/200	2 inch	3	3/o	3/o	#6	225	
4/225	2.5 inch	3	4/o	4/o	#4	260	
4/250	3 inch	3	250 kcmil	250 kcmil	#4	290	
4/300	3 inch	3	350 kcmil	350 kcmil	#4	350	
4/350	3.5 inch	3	500 kcmil	500 kcmil	#3	430	
4/400	3.5 inch	3	500 kcmil	500 kcmil	#3	430	
							table 310.15B(16)

revised 6 April 2012 \d-048 dental emergency power\single line refeed panel BLA.xlsx

1. All new and existing panels and disconnect switches, in switchgear room, that are on normal/emergency power. Paint the covers red.
2. Label all panels with engraved plastic name plates. Fill out all panel schedules.

New 2 1/2 inch conduit overhead feed from DSBL

New panel 71-BLA refeed from DSBL existing crt

move circuits BLA-13 (1P-20amp)
BLA-6,8 (2 P-30amp)
from old panel BLA to this new panel

GE brand name type/style required

new panel BLA include new circuit breakers

min 42 slot 1-3 pole 100 amp

225 amp 1-3 pole 50 amp

main lug 3-2 pole 50 amp

GE type AQ 2-3 pole 30 amp

panelboard 3-2 pole 30 amp

208Y/120V 3-2 pole 20 amp

3P4W 3-1 pole 30 amp

50 KAIC SC zero- 1 pole 20 amp

Copper Bus 9 - 1 pole 20 amp GFCI

Nema 1 Enclosure

Top Feed

Door within door hinged covers

New Panel EQBLC

GE include new circuit brea

3P4W 2-3 pole 225 amp

1-3 pole 100 amp

1-3 pole 50 amp

325A main CB 12-1 pole 20 amp

min 350 amp

208Y/120 V

50 KAIC

copper bus

Nema 1 Enclosure

Bottom feed door within door hinged covers

ikers