

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
POLYDOROS A100 CABINET (PU1)	27.0			1	100					2				SPACE
		27.0		3						4				SPACE
			27.0	5						6				SPACE
POLYDOROS A100 CABINET (PU2)	27.0			7	100					8				SPACE
		27.0		9						10				SPACE
			27.0	11						12				SPACE
SYSTEM CABINET (SC1) VIA UPS	5.0			13	50					14				SPACE
		5.0		15						16				SPACE
			5.0	17						18				SPACE
SPACE				19						20				SPACE
SPACE				21						22				SPACE
SPACE				23						24				SPACE
SPACE				25						26				SPACE
SPACE				27						28				SPACE
SPACE				29						30				SPACE
SUB-TOTAL	59.0	59.0	59.0			NEUTRAL BUS GROUND BUS					0.0	0.0	0.0	SUB-TOTAL
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 250 AMP BUS TOTAL KVA A 59.0 PANEL NO. ANGIO BI-PLANE (MP) (CRITICAL)														
MAIN BREAKER: 225 AMP TRIP TOTAL KVA B 59.0 LOCATION														
MOUNTING: RECESSED TOTAL KVA C 59.0 LOCATION ANGIO BI-PLANE B446														
SC RATING: 18,000 AIC TOTAL KVA 177.0														
NOTES: MAIN CIRCUIT BREAKER SHALL BE PROVIDED WITH UNDERVOLTAGE TRIPCOIL. 120V TRIP CIRCUIT SHALL ORIGINATE FROM PANEL "OR". ANGIO MACHINE EPO SWITCHES SHALL BE WIRED IN SERIES WITH THE TRIPCOIL.														

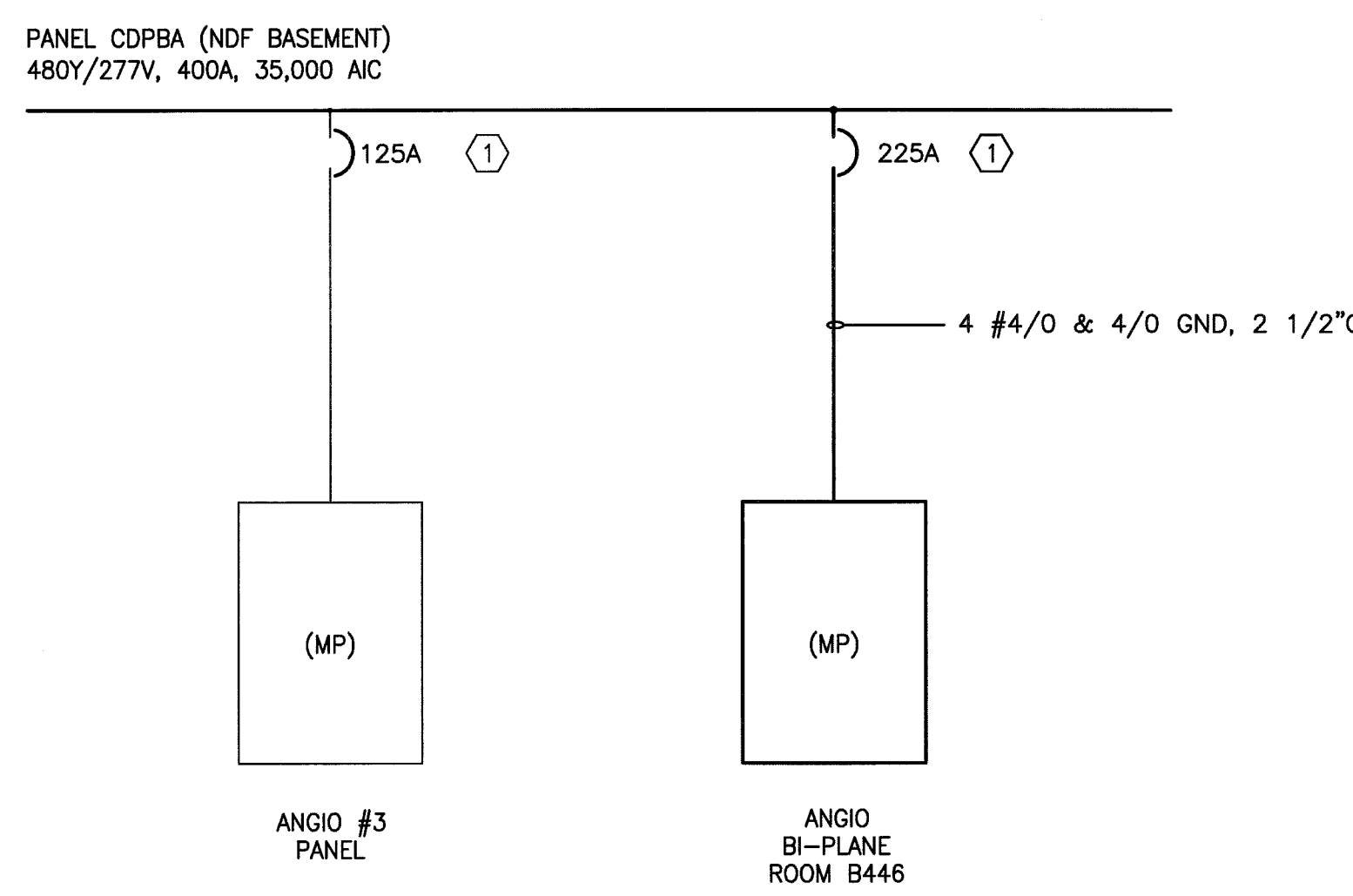
DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
(1)	0.8*			1	20					2				(1)
(1)		0.2*		3	20					4				(1)
(1)			0.2*	5	20					6				(1)
(1)				7	20					8				(1)
SPACE	0.2*			9	20					10				(1)
				11	20					12				(1)
			0.4	13	20					14				(1)
	0.2*			15	20					16				(1)
		0.2*		17	20					18				(1)
			0.4	19	20					20				(1)
	0.2*			21	20					22				(1)
		1.0*		23	20					24				(1)
			0.2*	25	20					26				(1)
	0.2*			27	20					28				(1)
			0.2*	29	20					30				(1)
SUB-TOTAL	1.6*	1.6*	1.4*			NEUTRAL BUS GROUND BUS					2.1*	3.5*	3.4*	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS TOTAL KVA A 3.7* PANEL NO. LPBAC2(R) (EXISTING-CRITICAL)														
MAIN LUGS ONLY 200 AMP LUGS TOTAL KVA B 5.1*														
MOUNTING: RECESSED TOTAL KVA C 4.8* LOCATION EQUIP CONTROL B452														
SC RATING: 22,000 AIC TOTAL KVA 13.6*														
NOTES: (1) EXISTING CIRCUIT TO REMAIN (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (7) EXISTING CIRCUIT PARTIALLY DELETED; (2) EXISTING CIRCUIT TO BECOME SPARE (5) NEW CIRCUIT BREAKER (8) NEW ADDITIONAL LOAD (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (6) EXISTING CIRCUIT PARTIALLY DELETED * = ESTIMATED LOAD														

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
(1)	1.0*			1	20					2				(1)
(1)		0.2*		3	20					4				(1)
(1)			0.8	5	20					6				(1)
(1)				7	20					8				(1)
(1)	0.8			9	20					10				(1)
(1)		0.2		11	20					12				(1)
(1)			0.2	13	20					14				(1)
(1)	0.4			15	20					16				(1)
(1)		1.0*		17	20					18				(1)
(1)			1.0*	19	20					20				(1)
(1)	1.0*			21	20					22				(1)
(1)		0.3*		23	20					24				(1)
(1)			1.0*	25	20					26				(1)
(3)	0.9			27	20					28				(1)
(3)		0.8		29	20					30				(1)
(1)		1.0*		31	20					32				(1)
(1)			1.0*	33	20					34				(1)
(3)(5)	0.6			35	20					36				(1)
		1.2		37	20					38				(1)
	1.2			39	20					40				(1)
			1.2	41	20					42				(1)
SUB-TOTAL	6.3*	4.3*	6.4*			NEUTRAL BUS GROUND BUS					3.6*	6.2*	3.7*	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS TOTAL KVA A 9.9* PANEL NO. OR1 (EXISTING-CRITICAL)														
MAIN LUGS ONLY 225 AMP LUGS TOTAL KVA B 10.5*														
MOUNTING: RECESSED TOTAL KVA C 10.1* LOCATION ANGIO CORRIDOR GC-B120														
SC RATING: 22,000 AIC TOTAL KVA 30.5*														
NOTES: (1) EXISTING CIRCUIT TO REMAIN (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (7) EXISTING CIRCUIT PARTIALLY DELETED; (2) EXISTING CIRCUIT TO BECOME SPARE (5) NEW CIRCUIT BREAKER (8) NEW ADDITIONAL LOAD (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (6) EXISTING CIRCUIT PARTIALLY DELETED * = ESTIMATED LOAD														

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
(1)	0.2*			31	20					32				(1)
(1)		0.2*		33	20					34				(1)
(1)			0.2*	35	20					36				(1)
(1)	1.2*			37	20					38				(1)
(1)			0.2*	39	20					40				(1)
SPACE				41	20					42				(1)
	0.2*			43	20					44				(1)
(1)		0.2*		45	20					46				(1)
(2)	SPACE			47	20					48				(1)
(1)		1.0*		49	20					50				(1)
(1)			1.0*	51	20					52				(1)
(1)		1.0*		53	20					54				(1)
(1)			1.0*	55	20					56				(1)
(1)		1.0*		57	20					58				(1)
(1)			0.6	59	20					60				(1)
SUB-TOTAL	3.6*	2.6*	1.8*			NEUTRAL BUS GROUND BUS					3.8*	4.6*	3.2*	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS TOTAL KVA A 7.4* PANEL NO. LPBAC2(L) (EXISTING-CRITICAL)														
MAIN LUGS ONLY 200 AMP LUGS TOTAL KVA B 7.2*														
MOUNTING: RECESSED TOTAL KVA C 5.0* LOCATION EQUIP CONTROL B452														
SC RATING: 22,000 AIC TOTAL KVA 19.6*														
NOTES: (1) EXISTING CIRCUIT TO REMAIN (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (7) EXISTING CIRCUIT PARTIALLY DELETED; (2) EXISTING CIRCUIT TO BECOME SPARE (5) NEW CIRCUIT BREAKER (8) NEW ADDITIONAL LOAD (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (6) EXISTING CIRCUIT PARTIALLY DELETED * = ESTIMATED LOAD														

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
(1)	0.6*			1	20					2				(1)
(4)		1.5		3	20					4				(1)
(1)			1.4*	5	20					6				(1)
(1)	1.0*			7	20					8				(1)
(4)	LTG & UNDERCABINET - B446, B446A, B448	0.3		9	20					10				(1)
(1)			1.4*	11	20					12				(1)
(1)	1.0*			13	20					14				(1)
(4)	RECEPTS - ANGIO BI-PLANE B446	0.8		15	20					16				(1)
(4)	RECEPTS - B446, B446A		0.8	17	20					18				(1)
(1)		0.8*		19	20					20				(1)
(1)			0.6*	21	20					22				(1)
(4)	RECEPTS - ANGIO BI-PLANE B446		0.2	23	20					24				(1)
(4)	RECEPTS - B446, B448, GC-B120A	0.6		25	20					26				(1)
SPACE				27	20					28				(1)
SPACE				29	20					30				(1)
SUB-TOTAL	4.0*	3.2*	3.8*			NEUTRAL BUS GROUND BUS					4.5*	4.8*	5.5*	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS TOTAL KVA A 8.5* PANEL NO. LPBAC2(R) (EXIST-NORMAL)														
MAIN LUGS ONLY 225 AMP LUGS TOTAL KVA B 8.0*														
MOUNTING: RECESSED TOTAL KVA C 9.3* LOCATION ANGIO CORRIDOR GC-B120														
SC RATING: 22,000 AIC TOTAL KVA 25.8*														
NOTES: (1) EXISTING CIRCUIT TO REMAIN (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (7) EXISTING CIRCUIT PARTIALLY DELETED; (2) EXISTING CIRCUIT TO BECOME SPARE (5) NEW CIRCUIT BREAKER (8) NEW ADDITIONAL LOAD (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (6) EXISTING CIRCUIT PARTIALLY DELETED * = ESTIMATED LOAD														

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
(1)	0.2*			31	20					32				(1)
(1)		0.2*		33	20					34				(1)
(1)			0.2*	35	20					36				(1)
(1)	1.2*			37	20					38				(1)
(1)			0.2*	39	20					40				(1)
SPACE				41	20					42				(1)
	0.2*			43	20					44				(1)
(1)		0.2*		45	20					46				(1)
(2)	SPACE			47	20					48				(1)
(1)		1.0*		49	20					50				(1)
(1)			1.0*	51	20					52				(1)
(1)		1.0*		53	20					54				(1)
(1)			1.0*	55	20					56				(1)
(1)		1.0*		57	20					58				(1)
(1)			0.6	59	20					60				(1)
SUB-TOTAL	3.6*	2.6*	1.8*			NEUTRAL BUS GROUND BUS					3.8*	4.6*	3.2*	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS TOTAL KVA A 7.4* PANEL NO. LPBAC2(L) (EXISTING-CRITICAL)														
MAIN LUGS ONLY 200 AMP LUGS TOTAL KVA B 7.2*														
MOUNTING: RECESSED TOTAL KVA C 5.0* LOCATION EQUIP CONTROL B452														
SC RATING: 22,000 AIC TOTAL KVA 19.6*														
NOTES: (1) EXISTING CIRCUIT TO REMAIN (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (7) EXISTING CIRCUIT PARTIALLY DELETED; (2) EXISTING CIRCUIT TO BECOME SPARE (5) NEW CIRCUIT BREAKER (8) NEW ADDITIONAL LOAD (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (6) EXISTING CIRCUIT PARTIALLY DELETED * = ESTIMATED LOAD														



1 PANEL CDPBA IS A GE "AD" SERIES PANELBOARD. CURRENTLY, A 250A FRAME CIRCUIT BREAKER WITH 125A RATING PLUG FEEDS THE ANGIO #3 PANEL (MP). REPLACE THE RATING PLUG WITH A GE CATALOG #SRPF250A225, 225A RATING PLUG TO FEED THE NEW ANGIO BI-PLANE MACHINE PANEL (MP) IN ROOM B446. PROVIDE A GE CATALOG #SELA36AT0150, 150A FRAME CIRCUIT BREAKER, AND #SRPE150A125, 125A TRIP UNIT, TO FEED THE EXISTING ANGIO #3 PANEL (MP). HARDWARE KIT #ASPTD3P, BARRIER KIT #ASP25AD65KA AND LUGS #TAL18 (3) ARE ALSO REQUIRED.

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Bramhall Radiology  
ANGIO BI-PLANE RENOVATIONS  
PORTLAND, ME

ISSUED FOR CONSTRUCTION  
06.14.11

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	06.14.11

GRAPHIC SCALE:  
0'