1002B BLUE FOCUSSING QUAD POWER SUPPLIES

	R2BBQF1	R2BBQF2	R2BBQF3	R2BBQF4	R2BBQF5
77.0° 44U	QPAIC-A2 Node Card Port: 11-12	Node Card Address: 11 PS = 8, QPAIC=1, DxHPSIC=2, SXT=1	QPAIC-B1 Node Card Port: 12-12	2u Spacer	Quench Protection QP09 b2-q7-qp QPAIC: A2 QPAIC Port: J4B
70.0° 40U	Timing Resolver For QPAIC - A2	3u Blank Panel	Timing Resolver For QPAIC-B1	Blue: A=R09-H-J13, B=R09-H-J14, C=R09-H-J15 Yello: A=R08-H-J13, B=R08-H-J14, C=R08-H-J15 A, B, & C = PHASES	
	1u Spacer 1u Spacer	Quench Protection QP03 bi1-qd2-qp QPAIC: A2 QPAIC Port: J2A	Quench Protection QP03 bo2-qf2-qp QPAIC: A2 QPAIC Port: J3A	See 208Vac Line Monitor above with Phases A, B and C	(NOT TO SCALE)
	Quench Protection QP05 bi1-qf1-qp QPAIC: A2 QPAIC Port: J1A	B101-PS2 bi1-qd2-ps +/-150A @ +/-15V In 1: bi1.qd2.i-BQIF In 1 wfg: cfe-2b-ps3.b0 In 2: bi1.qf3.i-BQIF In 2 wfg: cfe-2b-ps3.b1 S = R09-E-J8 I = R09-E-J9 V = R09-E-J10 D = R09-E-J11 Node Card Port: 11-3 R = 9.97 mOhms	B002-PS2 bo2-qf2-ps +/-150A @ +/-15V In 1: b02.qf2.i-BQIF In 1 wfg: cfe-2b-ps3.c0 In 2: bo2.qd3.i-BQIF In 2 wfg: cfe-2b-ps3.c1 S = R09-F-J0 I = R09-F-J1 V = R09-F-J2 D = R09-F-J3 Node Card Port: 11-5 R = 9.66 mOhms	12u Spacer	B01/02-PS7 b2-q7-ps 600A @ 20V In 1: b2.q7.i-BQIF wfg: cfe-2b-ps1.f0 S = R09-C-J8 I = R09-C-J9 V = R09-C-J10 D = R09-C-J11 Node Card Port: 11-8 R = 1.61 mOhms (NOT TO SCALE)
	1u Spacer			Quench Protection QP08 b2-q6-qp QPAIC: A2 QPAIC Port: J4A	
52.5° 30U	B101-PS1 bi1-qf1-ps 200A @ 15V In 1: bi1.qf1.i-BQIF In 1 wfg: cfe-2b-ps3.a0 In 2: bi1.qd2.i-BQIF In 2 wfg: cfe-2b-ps3.b0 S = R09-E-J0 I = R09-E-J1 V = R09-E-J2 D = R09-E-J3 Node Card Port: 11-1 R = 5.22 mOhms	Quench Protection QP07 bi1-qf3-qp QPAIC: A2 QPAIC Port: J2B	Quench Protection QP07 bo2-qd3-qp QPAIC: A2 QPAIC Port: J3B		
35.0° 20U	1u Spacer	1u Spacer	1u Spacer	1u Spacer	
	Quench Protection QP05 bo2-qd1-qp QPAIC: A2 QPAIC Port: J1B			B01/02-PS(45)6 b2-q6-ps 450A @ 15V In 1: b2.q6.i-BQIF In 1 wfg: cfe-2b-ps1.g1 In 2: b2.q7.i-BQIF In 2 wfg: cfe-2b-ps1.f0 S = R09-D-J4 I = R09-D-J5 V = R09-D-J6 D = R09-D-J7 Node Card Port: 11-7 R = 2.33 mOhms	
	1u Spacer				
17.5° 10U	B002-PS1 bo2-qd1-ps 200A @ 15V In 1: bo2.qd1.i-BQIF In 1 wfg: cfe-2b-ps3.a1 In 2: bo2.qf2.i-BQIF In 2 wfg: cfe-2b-ps3.c0 S = R09-E-J4 I = R09-E-J5 V = R09-E-J6 D = R09-E-J7 Node Card Port: 11-2 R = 5.22 mOhms	B101-PS3 bi1-qf3-ps 300A @ 15V In 1: bi1.qf3.i-BQIF In 1 wfg: cfe-2b-ps3.b1 In 2: b2.q6.i-BQIF In 2 wfg: cfe-2b-ps1.g1 S = R09-E-J12 I = R09-E-J13 V = R09-E-J14 D = R09-E-J15 Node Card Port: 11-4 R = 3.56 mOhms	B002-PS3 bo2-qd3-ps 300A @ 15V In 1: bo2.qd3.i-BQIF In 1 wfg: cfe-2b-ps3.c1 In 2: b2.q6.i-BQIF In 2 wfg: cfe-2b-ps1.g1 S = R09-E-J4 I = R09-E-J5 V = R09-E-J6 D = R09-E-J7 Node Card Port: 11-6 R = 3.45 mOhms		
	1u Spacer	1u Spacer	1u Spacer	1u Spacer	

COLLIDER-ACCELERATOR DEPARTMENT
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

SIZE	DRAWING NUMBER:	REV.
C	24060033	A

Q.A. CATEGORY: A–3 | SCALE: 1/1 | WEIGHT: NA | SHEET 3 OF 5

REV A | SHT 3 OF 5 | DWG NO 24060033