1004B YELLOW FOCUSSING QUAD POWER SUPPLIES AND SEXTUPOLE JUMP POWER SUPPLIES

	R4BYQF1	R4BYQF2	R4BYQF3	R4BYQF4
77.0° 44U	Quench Protection QP05 yi3-qf1-qp QPAIC: A2 QPAIC Port: J5A	Node Card Address: 13 PS=10, QPAIC=1 See 208Vac Monitor below with phases A, B, C	QPAIC-B1 Node Card Port: 13-12	Quench Protection QP05 yo4-qd1-qp QPAIC: A2 QPAIC Port: J8A
70.0° 40U	YI03-PS1 yi3-qf1-ps 200A @ 15V In 1: yi3.qf1.i-YQIF In 1 wfg: cfe-4b-ps2.g0 In 2: yi3.qd2.i-YQIF In 2 wfg: cfe-4b-ps2.h0 S = R19-D-J0 I = R19-D-J1 V = R19-D-J2 D = R19-D-J3 Node Card Port: 13-1 R = 8.79 mOhms	Blue: A=R07-H-J13, B=R07-H-J14, C=R07-H-J15 Yellow: A=R19-H-J13, B=R19-H-J14, C=R19-H-J15 lu Spacer Quench Protection QP03 yi3-qd2-qp QPAIC: A2 QPAIC Port: J6A	Timing Resolver For QPAIC-B1 Quench Protection QP03 yo4-qf2-qp QPAIC: A2 QPAIC Port: J7A	Y004-PS1 yo4-qd1-ps 200A @ 15V In 1: yo4.qd1.i-YQIF In 1 wfg: cfe-4b-ps2.g1 In 2: yo4.qf2.i-YQIF In 2 wfg: cfe-4b-ps2.j0 S = R19-D-J4 I = R19-D-J5 V = R19-D-J6 D = R19-D-J7 Node Card Port: 13-7 R = 7.84 mOhms
52.5° 30U	Quench Protection QP08 yi3-qd6-qp QPAIC: A2 QPAIC Port: J5B	YI03-PS2 yi3-qd2-ps +/-150A @ +/-15V In 1: yi3.qd2.i-YQIF In 1 wfg: cfe-4b-ps2.h0 In 2: yi3.qf3.i-YQIF In 2 wfg: cfe-4b-ps2.h1 S = R19-D-J8 I = R19-D-J9 V = R19-D-J10 D = R19-D-J11 Node Card Port: 13-3 R = 16.99 mOhms	Y004-PS2 yo4-qf2-ps +/-150A @ +/-15V In 1: yo4.qf2.i-YQIF In 1 wfg: cfe-4b-ps2.j0 In 2: yo4.qd3.i-YQIF In 2 wfg: cfe-4b-ps2.j1 S = R19-E-J8 I = R19-E-J9 V = R19-E-J10 D = R19-E-J11 Node Card Port: 13-5 R = 15.74 mOhms	Quench Protection QP08 yo4-qf6-qp QPAIC: A2 QPAIC Port: J8B
35.0° 20U	lu Spacer	Quench Protection QP07 yi3-qf3-qp QPAIC: A2 QPAIC Port: J6B	Quench Protection QP07 yo4-qd3-qp QPAIC: A2 QPAIC Port: J7B	lu Spacer
17.5° 10U	YI03-PS(45)6 yi3-qd6-ps 450A @ 15V Control: 2 Input In 1: YMQ-YI03 Q7 In 2: YI03 Q(45)6 Node Card Port: 13-2 R=4.30 mOhms In 1: yi3.qd6.i-YQIF In 1 wfg: cfe-4b-ps2.i0 In 2: yi3.qf7.i-YQIF In 2 wfg: cfe-4b-ps2.i1 S = R19-E-J0 I = R19-E-J1 V = R19-E-J2 D = R19-E-J3	lu Spacer YI03-PS3 yi3-qf3-ps 300A @ 15V In 1: yi3.qf3.i-YQIF In 1 wfg: cfe-4b-ps2.h1 In 2: yi3.qd6.i-YQIF In 2 wfg: cfe-4b-ps2.i0 S = R19-D-J12 I = R19-D-J13 V = R19-D-J14 D = R19-D-J15 Node Card Port: 13-4 R = 6.06 mOhms	lu Spacer Y004-PS3 yo4-qd3-ps 300A @ 15V Control: 2 Input In 1: Y004 Q(45)6 In 2: Y004 Q3 Node Card Port: 13-6 R=5.62 mOhms In 1: yo4.qd3.i-YQIF In 1 wfg: cfe-4b-ps2.j1 In 2: yo4.qf6.i-YQIF In 2 wfg: cfe-4b-ps2.k0 S = R19-E-J12 I = R19-E-J13 V = R19-E-J14 D = R19-E-J15	Y004-PS(45)6 yo4-qf6-ps 450A @ 15V In 1: yo4.qf6.i-YQIF In 1 wfg: cfe-4b-ps2.k0 In 2: yo4.qd7.i-YQIF In 2 wfg: cfe-4b-ps2.k1 S = R19-F-J0 I = R19-F-J1 V = R19-F-J2 D = R19-F-J3 Node Card Port: 13-8 R = 3.84 mOhms
	lu Spacer	lu Spacer	lu Spacer	lu Spacer

COLLIDER-ACCELERATOR DEPARTMENT BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973	SIZE C; DRAWING NUMBER: 24060034; REV. A; Q.A. CATEGORY: A-3; SCALE: 1/1; WEIGHT: NA; SHEET 5 OF 7

REV A | SHT 5 OF 7 | DWG NO 24060034