

B089/B093 POINT TO POINT DIAGRAM

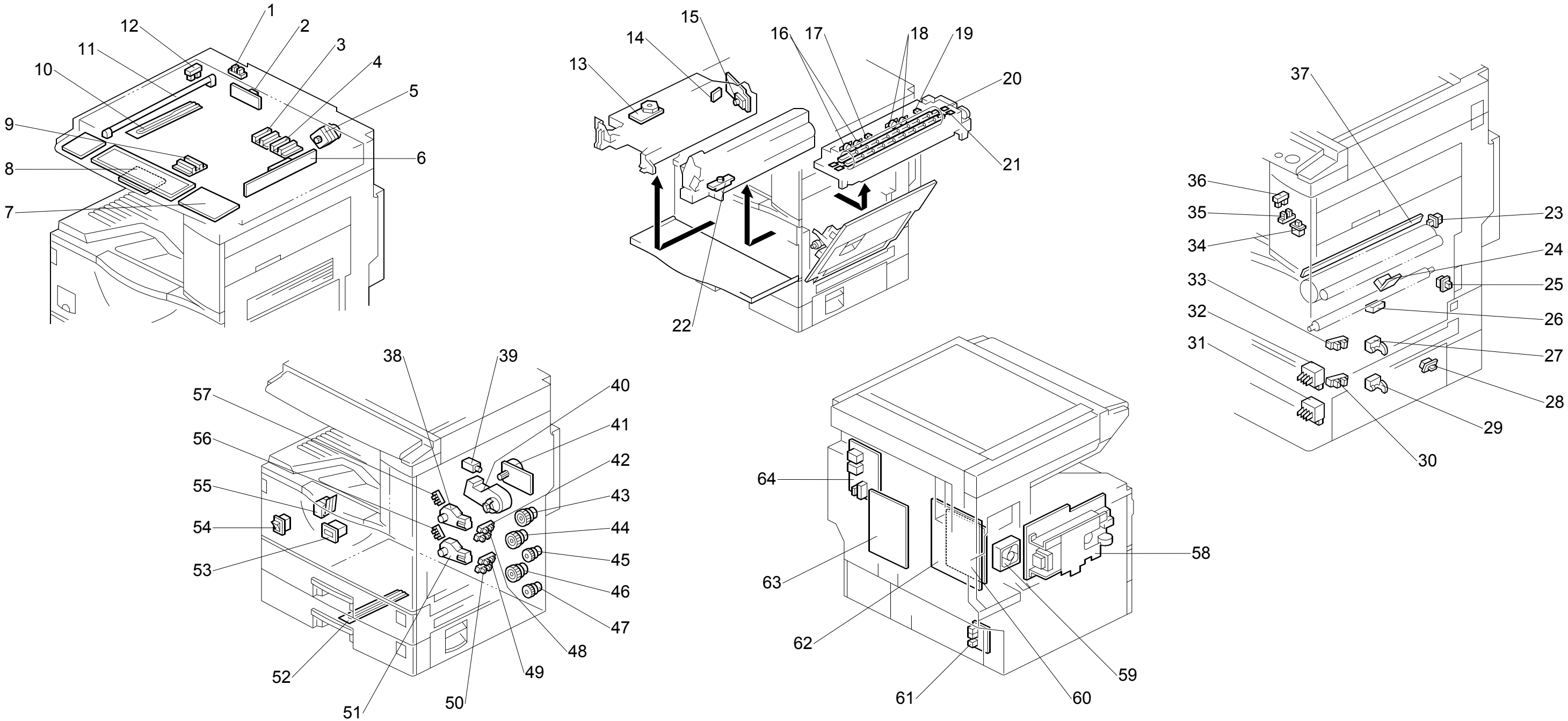
Rev. 9/2003

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

B089/B093/B097 ELECTRICAL COMPONENT LAYOUT

Rev. 09/2003



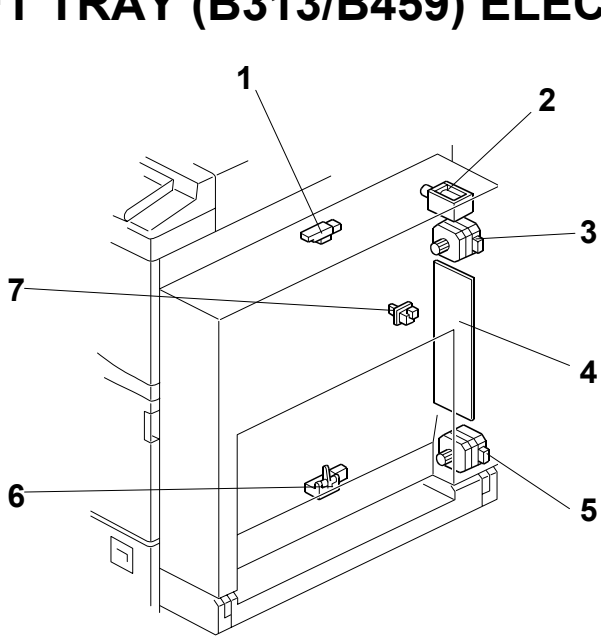
Symbol	Name	Index No.	P to P
<b>Motors</b>			
M1	Scanner	5	H1
M2	Polygonal Mirror	13	B3
M3	Main	41	F1
M4	Exhaust Fan	59	B1
M5	Upper Paper Lift	38	A1
M6	Lower Paper Lift	51	A1
M7	Toner Supply	40	B1
<b>Magnetic Clutches</b>			
MC1	Upper Paper Feed	44	C1
MC2	Lower Paper Feed	46	C1
MC3	Upper Relay	45	C1
MC4	Lower Relay	47	C1
MC5	Registration	43	E1
<b>Switches</b>			
SW1	Main	54	A5
SW2	Right Upper Cover	34	I1
SW3	Right Cover	25	C1
SW4	Right Lower Cover	28	E1

Symbol	Name	Index No.	P to P
SW5	Upper Paper Size	32	D1
SW6	Lower Paper Size	31	D1
SW7	New PCU Detect	23	B1
SW8	Front Cover Safety	55	C3
SW9	Operation	7	—
<b>Sensors</b>			
S1	Scanner HP	12	H1
S2	Platen Cover	1	H1
S3	Original Width	9	G1
S4	Original Length 1	3	G1
S5	Original Length 2	4	G1
S6	Toner Density (TD)	22	A1
S7	1st Paper End	33	B1
S8	2nd Paper End	30	C1
S9	Image Density (ID)	24	E1
S10	Paper Overflow	36	I1
S11	Paper Exit	35	I1
S12	Upper Relay	27	B1
S13	Lower Relay	29	C1
S14	Registration	26	E1

Symbol	Name	Index No.	P to P
S15	1st Paper Lift	57	A1
S16	2nd Paper Lift	56	A1
S17	1st Paper Height – 1	42	D1
S18	1st Paper Height – 2	48	D1
S19	2nd Paper Height – 1	49	D1
S20	2nd Paper Height – 2	50	D1
<b>PCBs</b>			
PCB1	Controller	62	G7
PCB2	PSU (Power Supply Unit)	58	B4
PCB3	SBCU (Scanner & Base Engine Control Unit)	63	2
PCB4	SBU (Sensor Board Unit)	6	C6
PCB5	Lamp Stabilizer	2	H1
PCB6	LDD (Laser Diode Driver)	15	C5
PCB7	Operation Panel	8	C6
PCB8	High Voltage Supply	64	F1
PCB9	Memory (Option)	—	F7
PCB10	IPU (Image Processing Unit)	60	D6
PCB11	Filter, 230V Model Only	61	B5

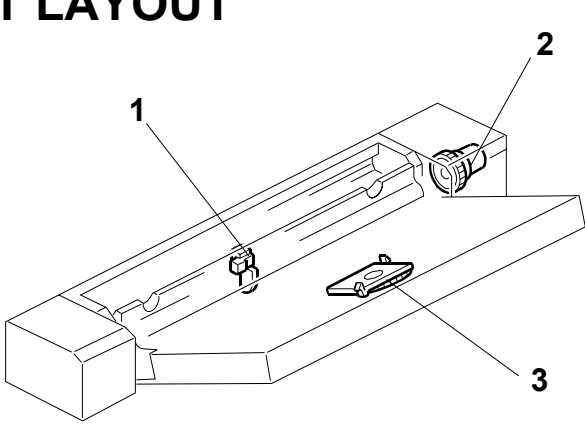
Symbol	Name	Index No.	P to P
<b>Solenoids</b>			
SOL1	Fusing Drive Release	39	F2
<b>Lamps</b>			
L1	Exposure Lamp	11	H1
L2	Main Fusing Lamp	20	A4
L3	Secondary Fusing Lamp	21	A4
L4	Quenching Lamp	37	B1
<b>Heaters</b>			
H1	Anti-condensation (Option)	10	B3
H2	Tray (Option)	52	B3
<b>Others</b>			
TS1	Fusing Thermostats (2 Pair)	16, 18	A4
TH1	Fusing Thermistors	17, 19	A4
LSD 1	Laser Synchronization Detector	14	B6
CO1	Mechanical Counter	53	F1
CO2	Key Counter (Option)	—	I1

DUPLEX (A896/B414) / 1-BIN TRAY (A898/B413) / BY-PASS TRAY (A899/B415) / INTERCHANGE UNIT (B300/B416)  
SHIFT TRAY (B313/B459) ELECTRICAL COMPONENT LAYOUT



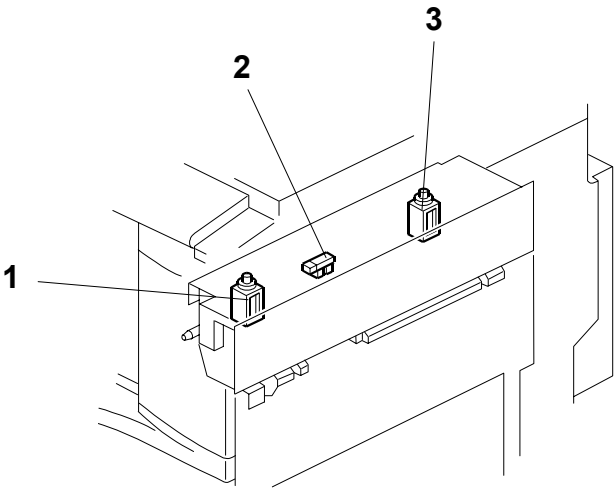
DUPLEX (A896/B414)

Symbol	Name	Index No.	P to P
<b>Motors</b>			
M1	Inverter	3	A3
M2	Transport	5	A3
<b>Sensors</b>			
S1	Entrance	1	A3
S2	Exit	6	A3
<b>Switches</b>			
SW1	Duplex Unit Open	7	A3
<b>Solenoids</b>			
SOL1	Inverter Gate	2	A3
<b>PCBs</b>			
PCB1	Main	4	A3



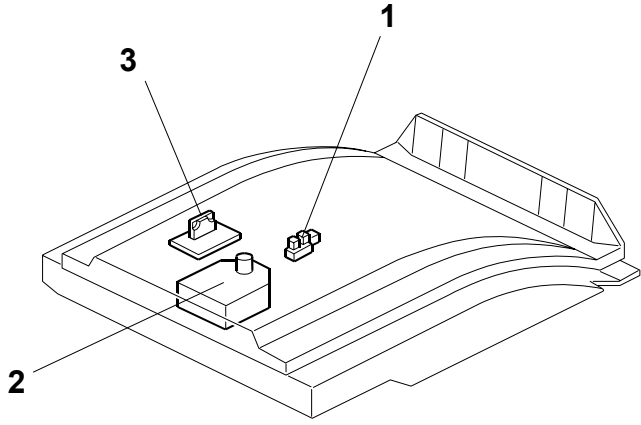
BY-PASS TRAY (A899/B415)

Symbol	Name	Index No.	P to P
<b>Sensors</b>			
S1	Paper End	1	D3
S2	Paper Size Sensor Board	3	D3
<b>Magnetic Clutches</b>			
MC1	Paper Feed	2	D3



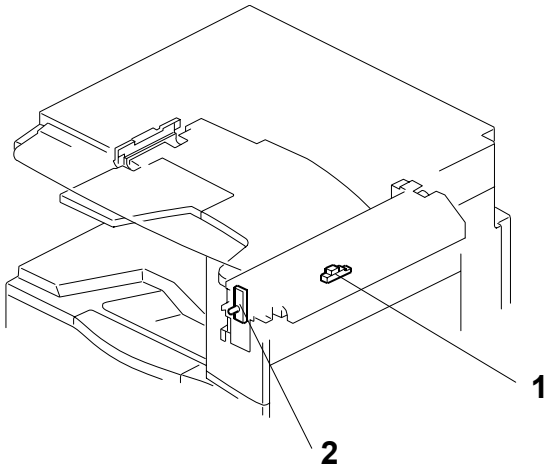
INTERCHANGE UNIT (B300/B416)

Symbol	Name	Index No.	P to P
<b>Sensors</b>			
S1	Exit	2	J1
<b>Solenoids</b>			
SOL1	Duplex Junction Gate	3	J1
SOL2	Exit Junction Gate	1	J1



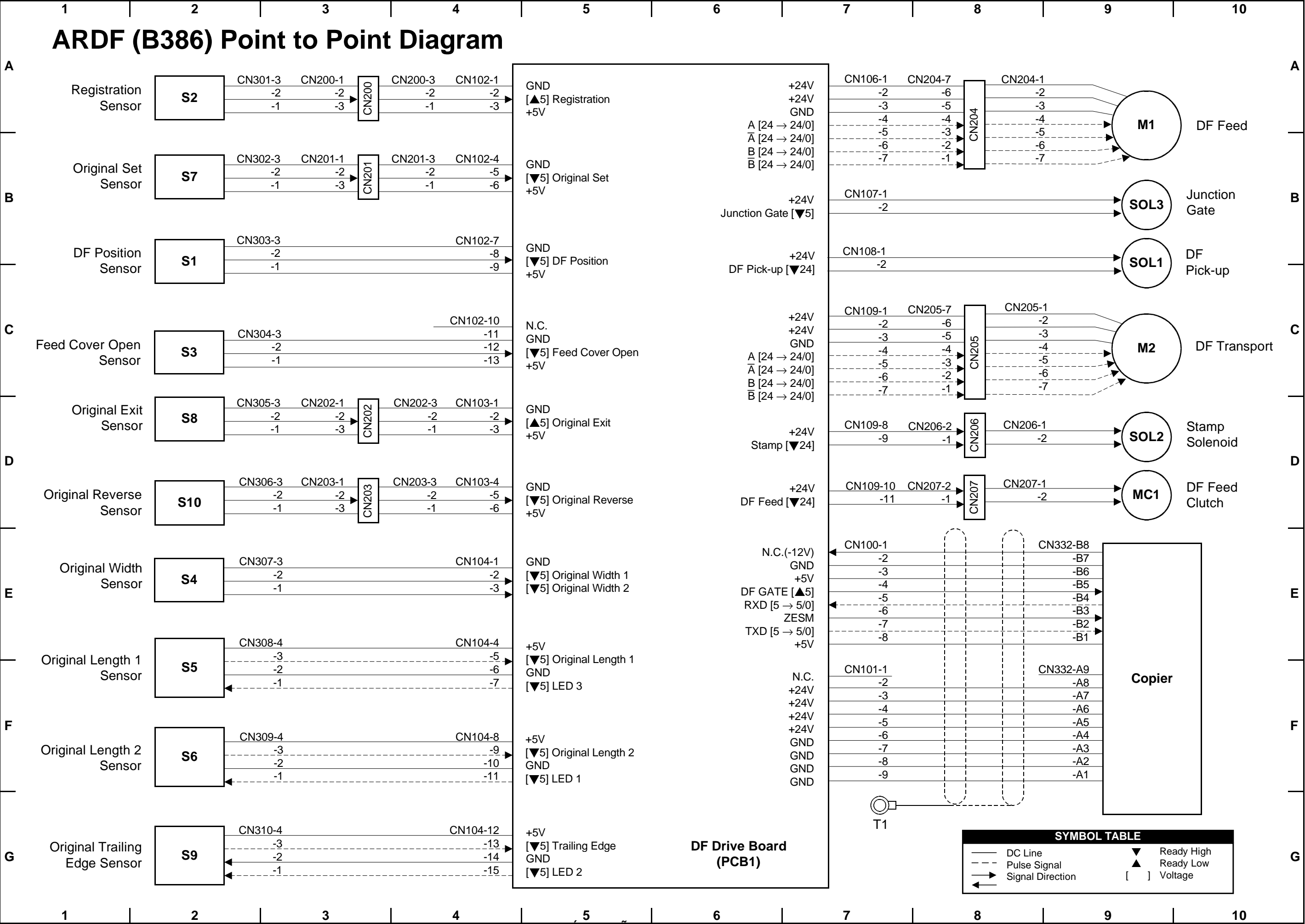
SHIFT TRAY (B313/B459)

Symbol	Name	Index No.	P to P
<b>Motors</b>			
M1	Shift	2	D7
<b>Sensors</b>			
S1	Half Turn	1	E7
<b>PCBs</b>			
PCB1	Drive	3	E7



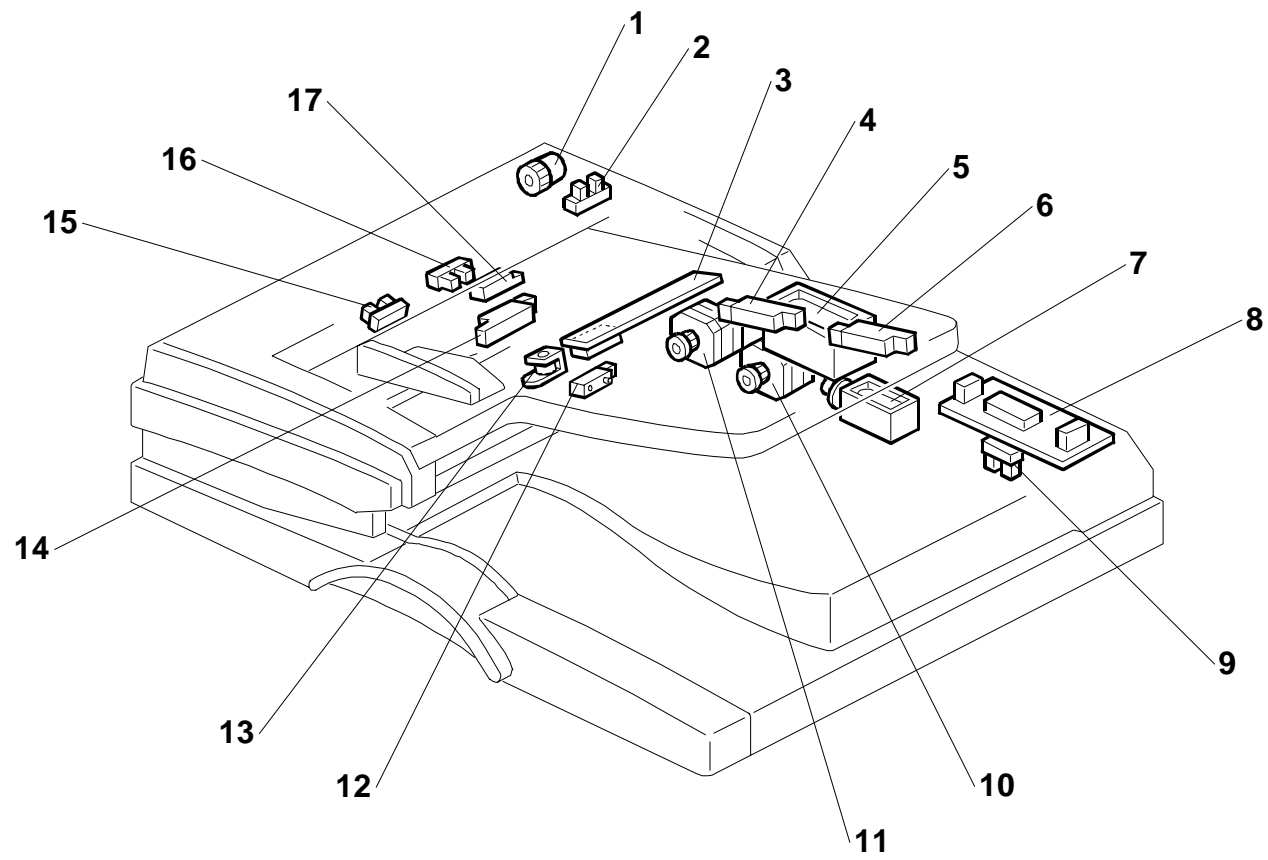
1-BIN TRAY (A898/B413)

Symbol	Name	Index No.	P to P
<b>Sensors</b>			
S1	Paper	1	J1
<b>LEDs</b>			
LED1	1 Bin Exit Tray	2	I1



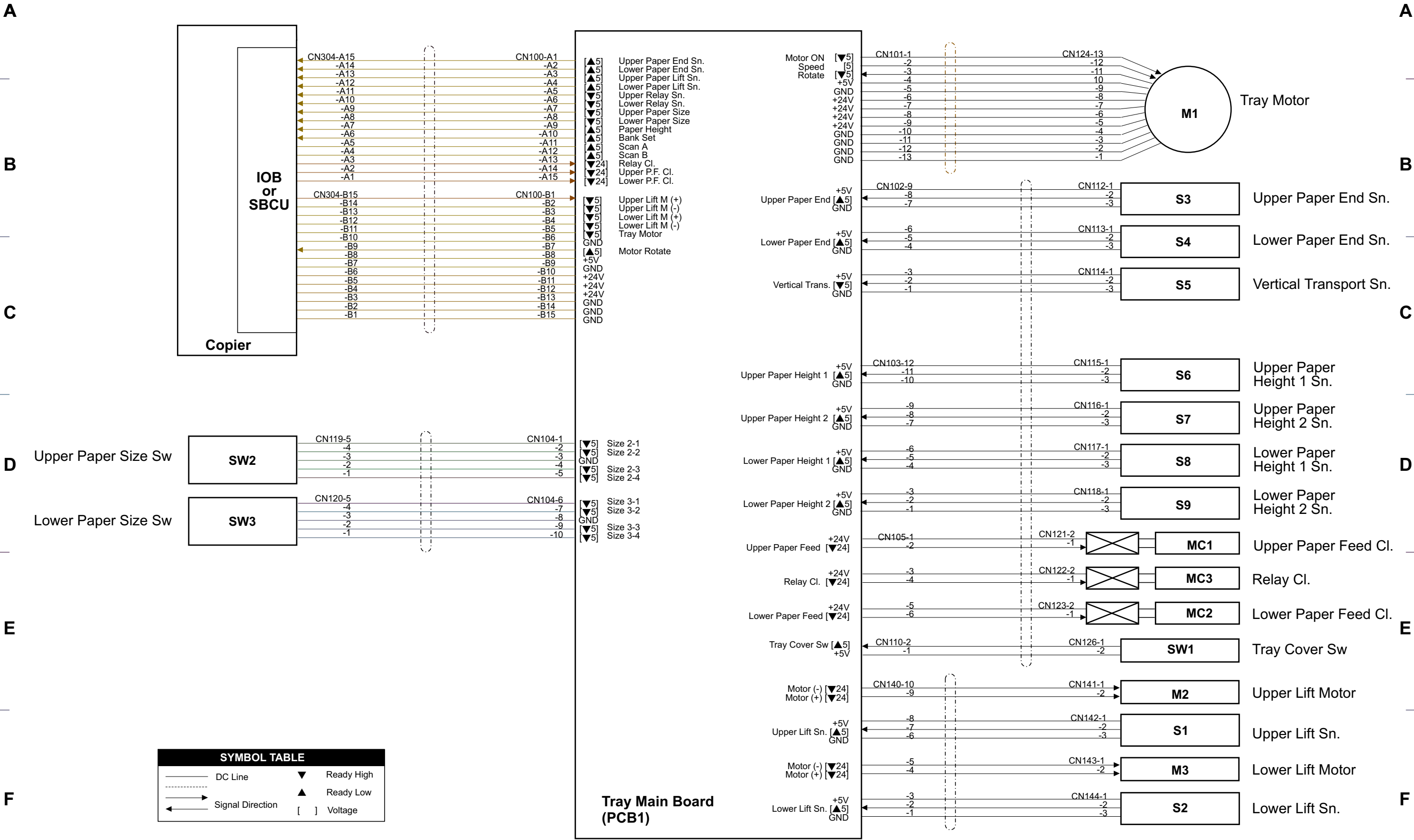
CÓPIA NÃO CONTROLADA

ARDF (B386) ELECTRICAL COMPONENT LAYOUT



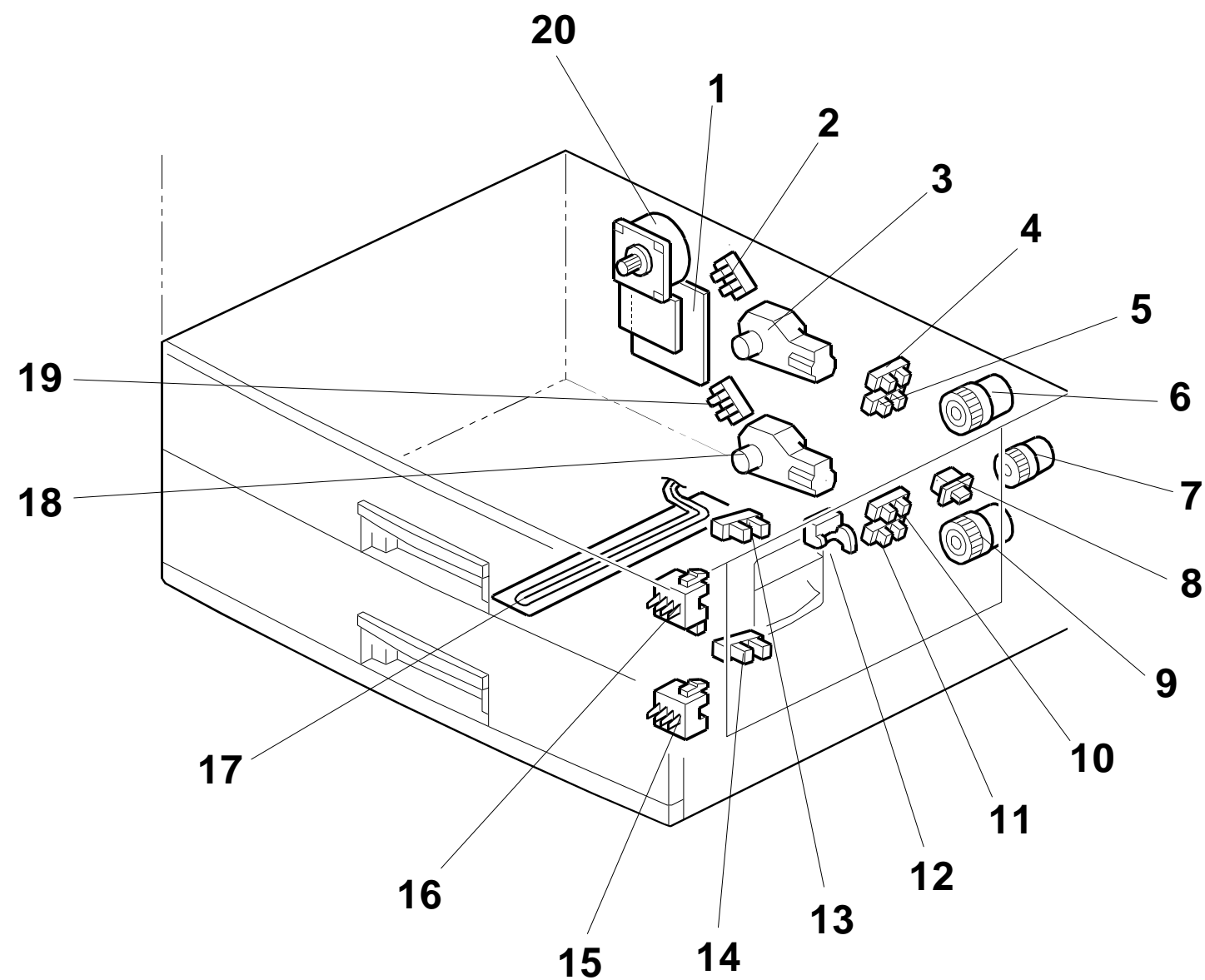
Symbol	Name	Index No.	P to P
Motors			
M1	DF Feed	10	A9
M2	DF Transport	11	C9
Sensors			
S1	DF Position	9	B2
S2	Registration	17	A2
S3	Feed Cover Open	2	C2
S4	Original Width Sensor Board	3	E2
S5	Original Length - 1	4	F2
S6	Original Length - 2	6	F2
S7	Original Set	15	B2
S8	Original Exit	12	D2
S9	Original Trailing Edge	14	G2
S10	Original Reverse	16	D2
Solenoids			
SOL1	DF Pick-up	5	B9
SOL2	Stamp	13	D9
SOL3	Junction Gate	7	B9
Clutches			
MC1	DF Feed	1	D9
PCBs			
PCB1	DF Drive	8	G6

# PAPER TRAY UNIT (A860/B390) POINT TO POINT DIAGRAM



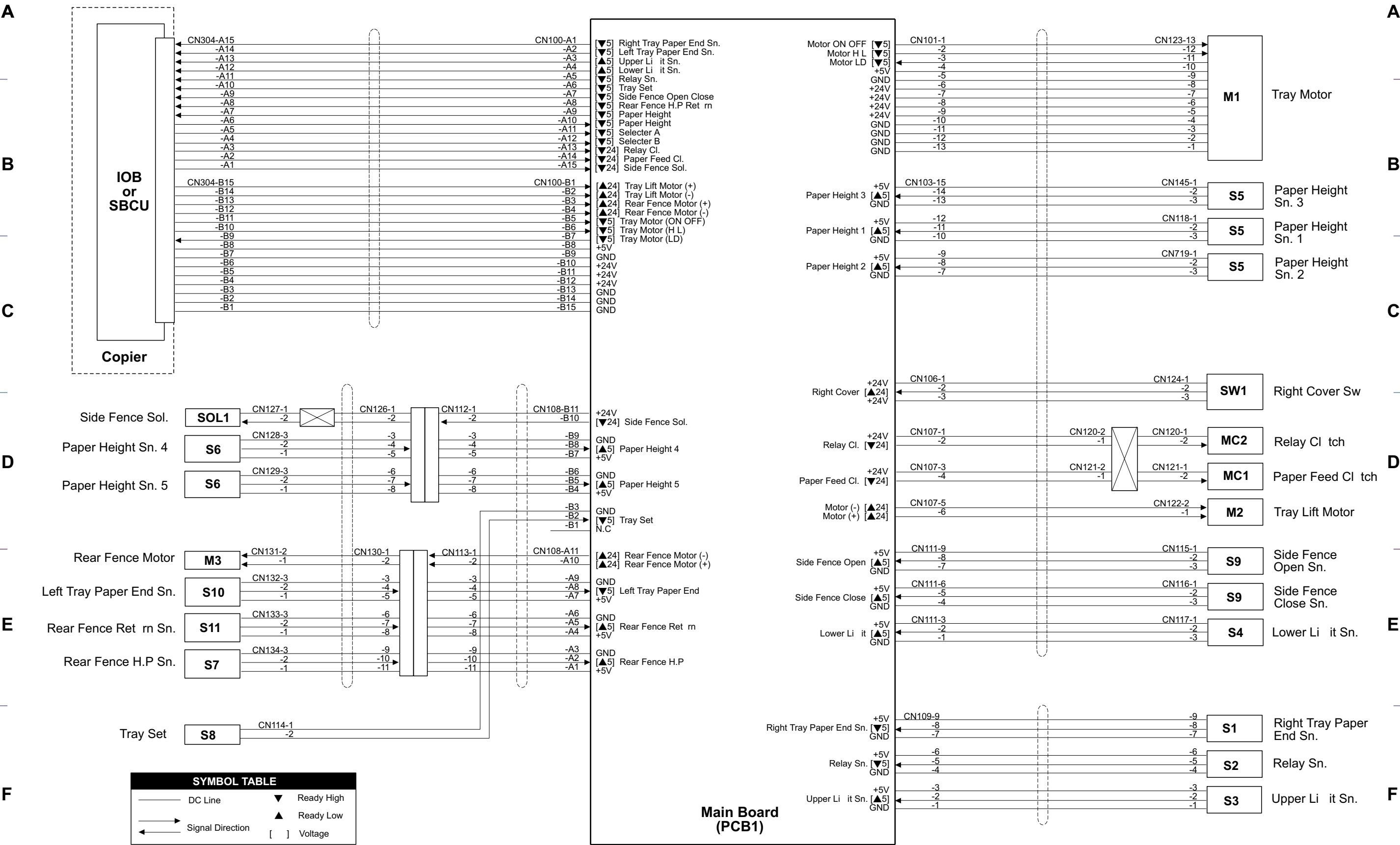


PAPER TRAY UNIT (A860/B390) ELECTRICAL COMPONENT LAYOUT



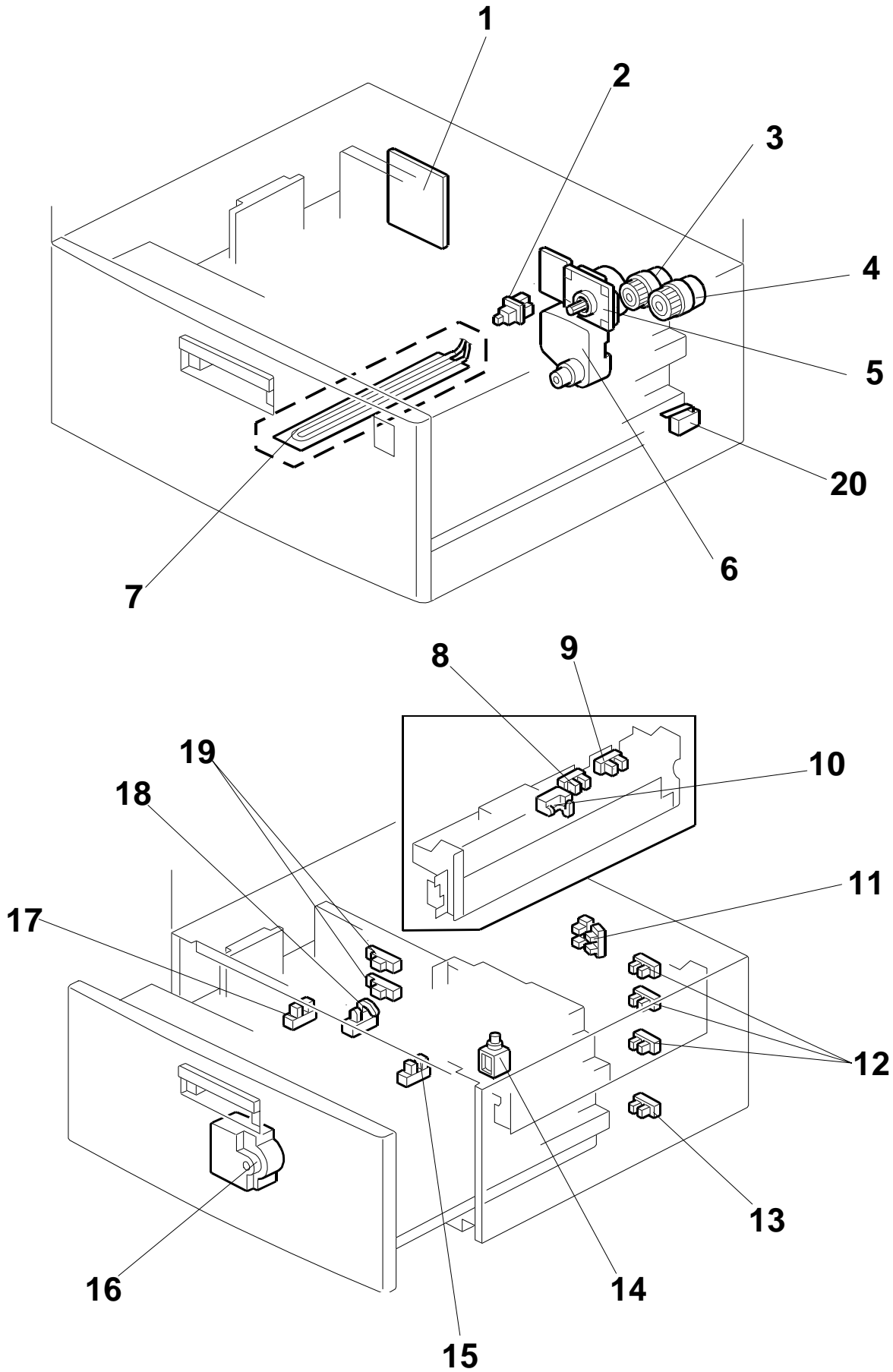
Symbol	Name	Index No.	P to P
Motors			
M1	Tray	20	B8
M2	Upper Lift	3	E8
M3	Lower Lift	18	F8
Sensors			
S1	Upper Lift	2	F8
S2	Lower Lift	19	F8
S3	Upper Paper End	13	B8
S4	Lower Paper End	14	C8
S5	Vertical Transport	12	C8
S6	Upper Paper Height 1	5	C8
S7	Upper Paper Height 2	4	D8
S8	Lower Paper Height 1	11	D8
S9	Lower Paper Height 2	10	D8
Switches			
SW1	Tray Cover	8	E8
SW2	Upper Paper Size	15	D2
SW3	Lower Paper Size	16	D2
Magnetic Clutches			
MC1	Upper Paper Feed	6	D8
MC2	Lower Paper Feed	9	E8
MC3	Relay	7	E8
PCBs			
PCB1	Tray Main	1	F5

LCT (A862/B391) POINT TO POINT DIAGRAM



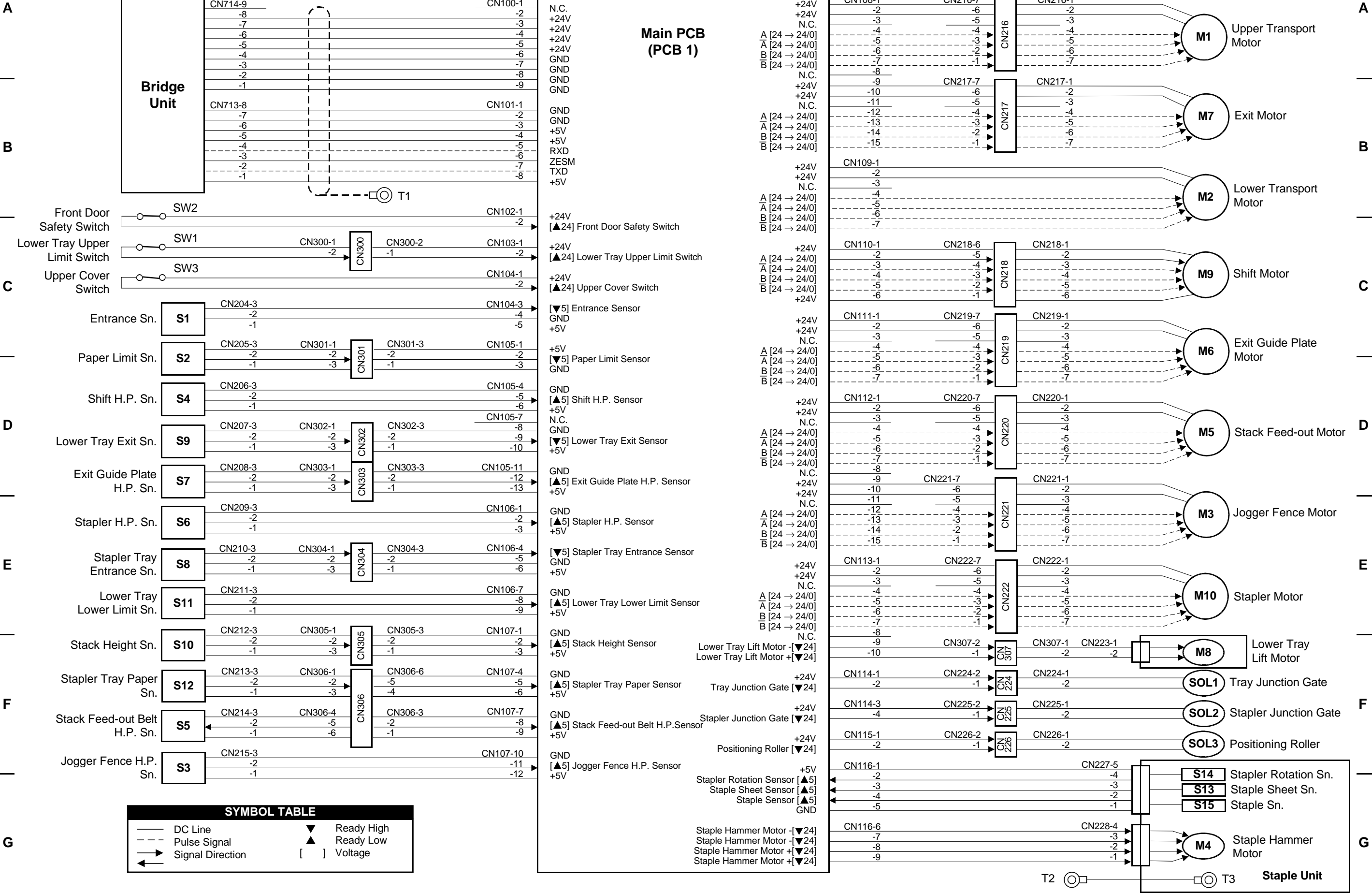


LCT (A862/B391) ELECTRICAL COMPONENT LAYOUT

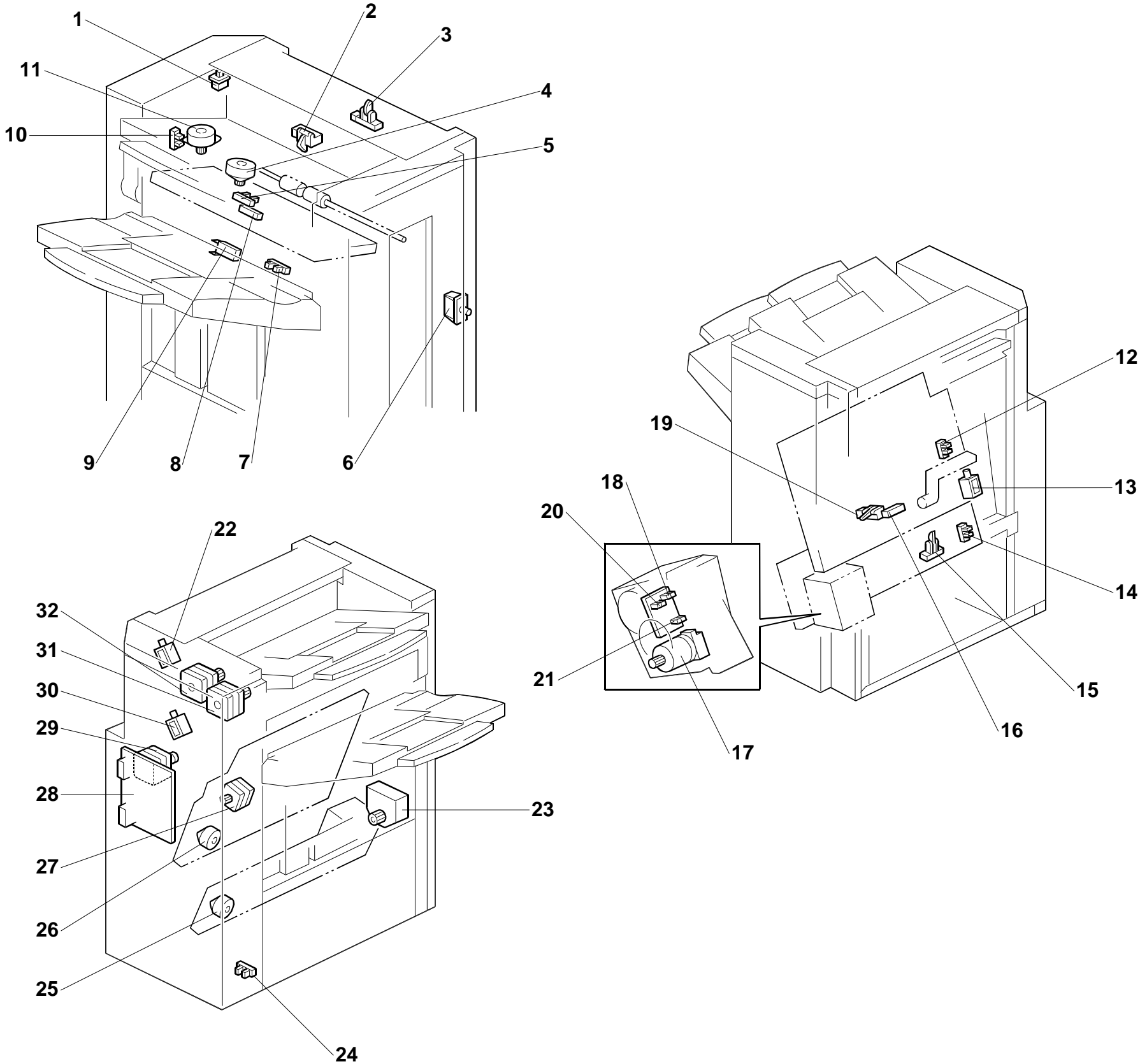


Symbol	Name	Index No.	P to P
Motors			
M1	Tray Motor	5	B8
M2	Tray Lift Motor	6	D8
M3	Rear Fence Motor	16	E2
Sensors			
S1	Right Tray Paper End	8	F8
S2	Relay	10	F8
S3	Upper Limit	9	F8
S4	Lower Limit	13	E8
S5	Paper Height 1, 2, 3	12	B8, C8
S6	Paper Height 4, 5	19	D2
S7	Rear Fence Home Position	17	E2
S8	Tray	2	F2
S9	Side Fence Open/Closed	11	E8
S10	Rear Fence Return	15	E2
S11	Left Tray Paper End	18	E2
Solenoids			
SOL1	Side Fence	14	D2
Magnetic Clutches			
MC1	Paper Feed	4	D8
MC2	Relay	3	D8
PCBs			
PCB1	Main	1	F5
Switches			
SW1	Right Cover	20	D8

# FINISHER (B408) Point to Point Diagram

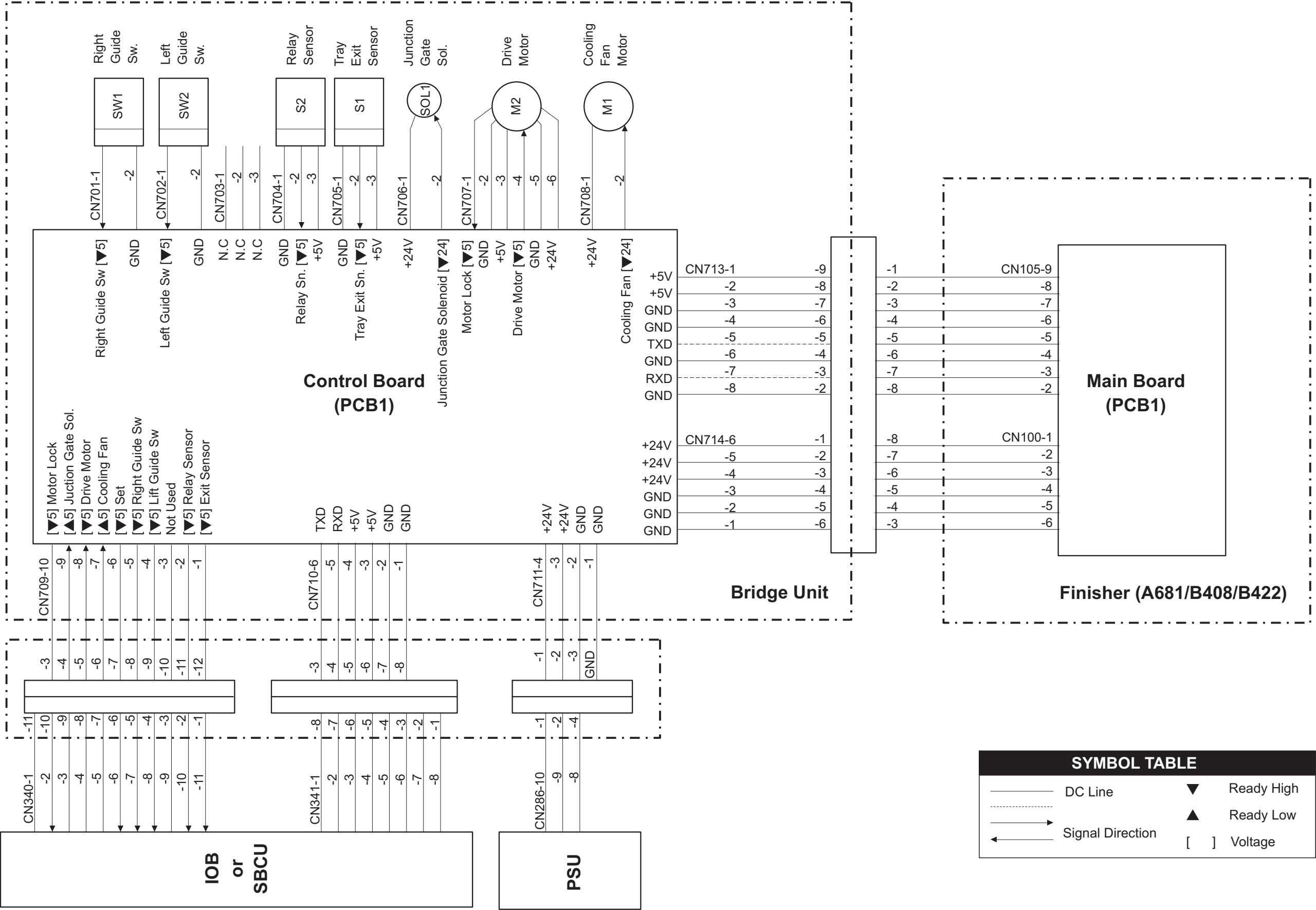


1000-SHEET FINISHER (B408) ELECTRICAL COMPONENT LAYOUT

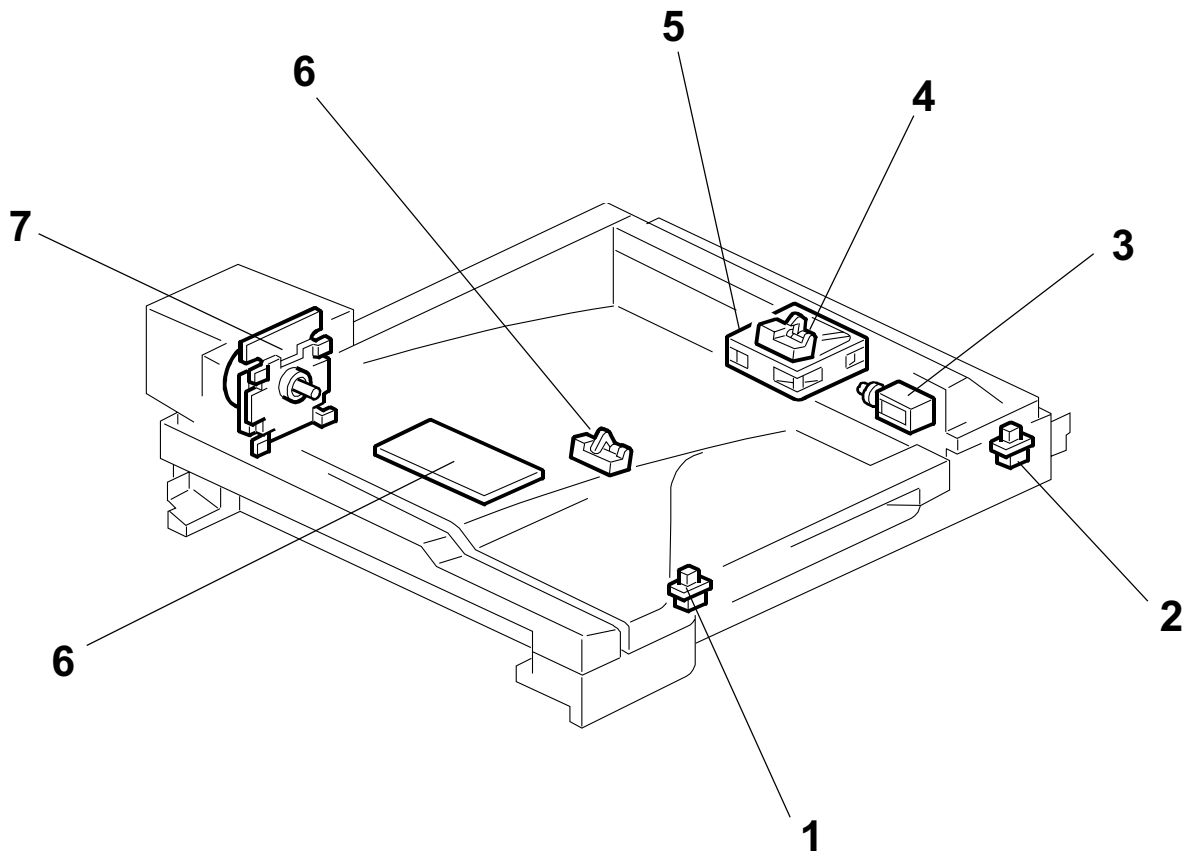


Symbol	Name	Index No.	P to P
Motors			
M1	Upper Transport	32	A9
M2	Lower Transport	29	B9
M3	Jogger Fence	26	E9
M4	Staple Hammer	17	G4
M5	Stack Feed-out	27	D9
M6	Exit Guide Plate	4	C9
M7	Exit	31	B9
M8	Lower Tray Lift	23	F9
M9	Shift	11	C9
M10	Stapler	25	E9
Sensors			
S1	Entrance	3	C2
S2	Paper Limit	2	D2
S3	Jogger Fence HP	12	F2
S4	Shift HP	10	D2
S5	Stack Feed-out Belt HP	19	F2
S6	Stapler HP	14	E2
S7	Exit Guide Plate HP	5	D2
S8	Stapler Tray Entrance	15	E2
S9	Lower Tray Exit	8	D2
S10	Stack Height	7	F2
S11	Lower Tray Lower Limit	24	E2
S12	Stapler Tray Paper	16	F2
S13	Staple Sheet	18	G9
S14	Stapler Rotation HP	20	G9
S15	Staple	21	G9
Solenoids			
SOL1	Tray Junction Gate	22	F9
SOL2	Stapler Junction Gate	30	F9
SOL3	Positioning Roller	13	F9
Switches			
SW1	Lower Tray Upper Limit	9	C2
SW2	Front Door Safety	6	C2
SW3	Upper Cover	1	C2
PCBs			
PCB1	Main	28	A5

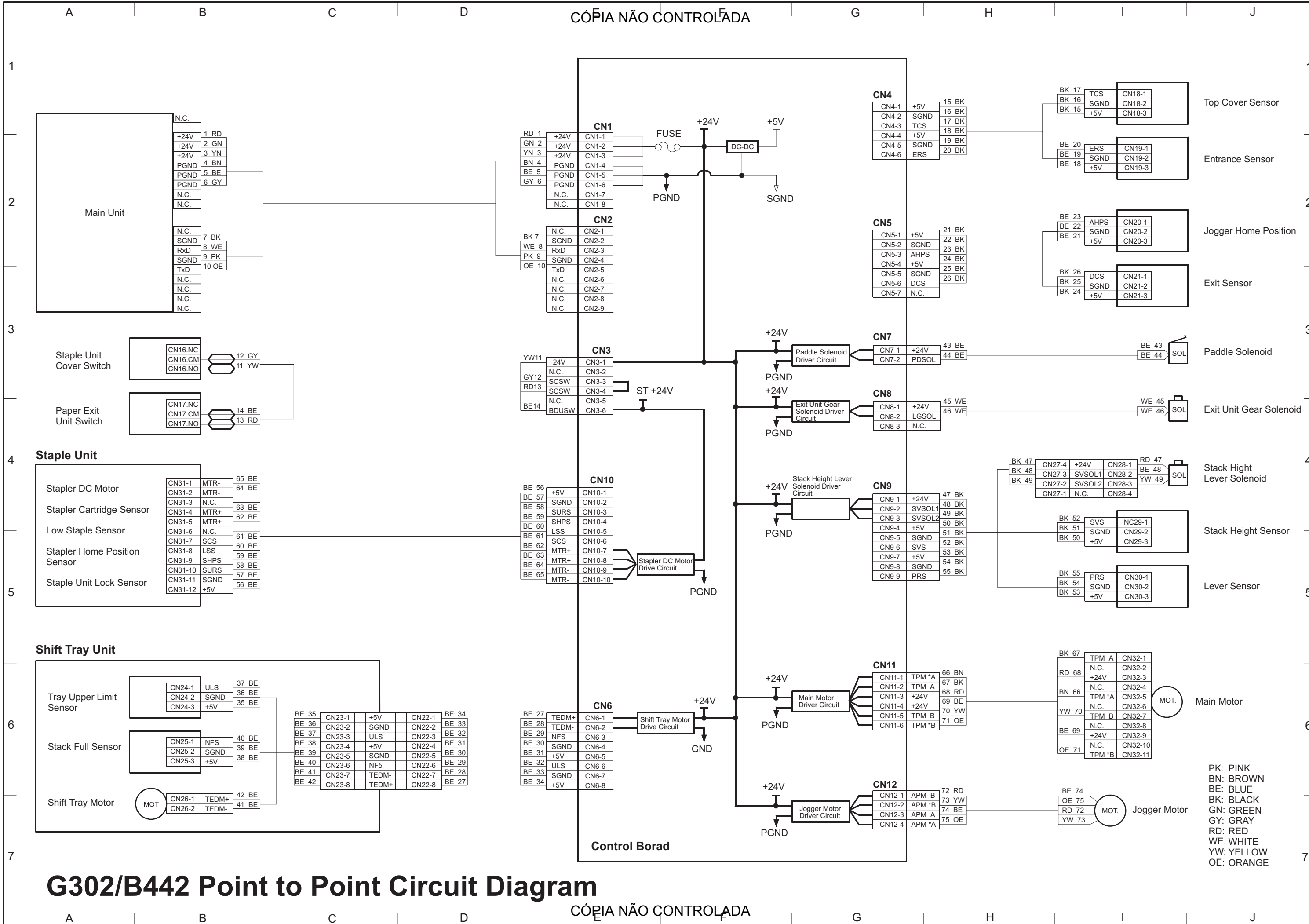
# Bridge Unit (A897/B417) Point to Point Diagram



BRIDGE UNIT (A897/B417) ELECTRICAL COMPONENT LAYOUT

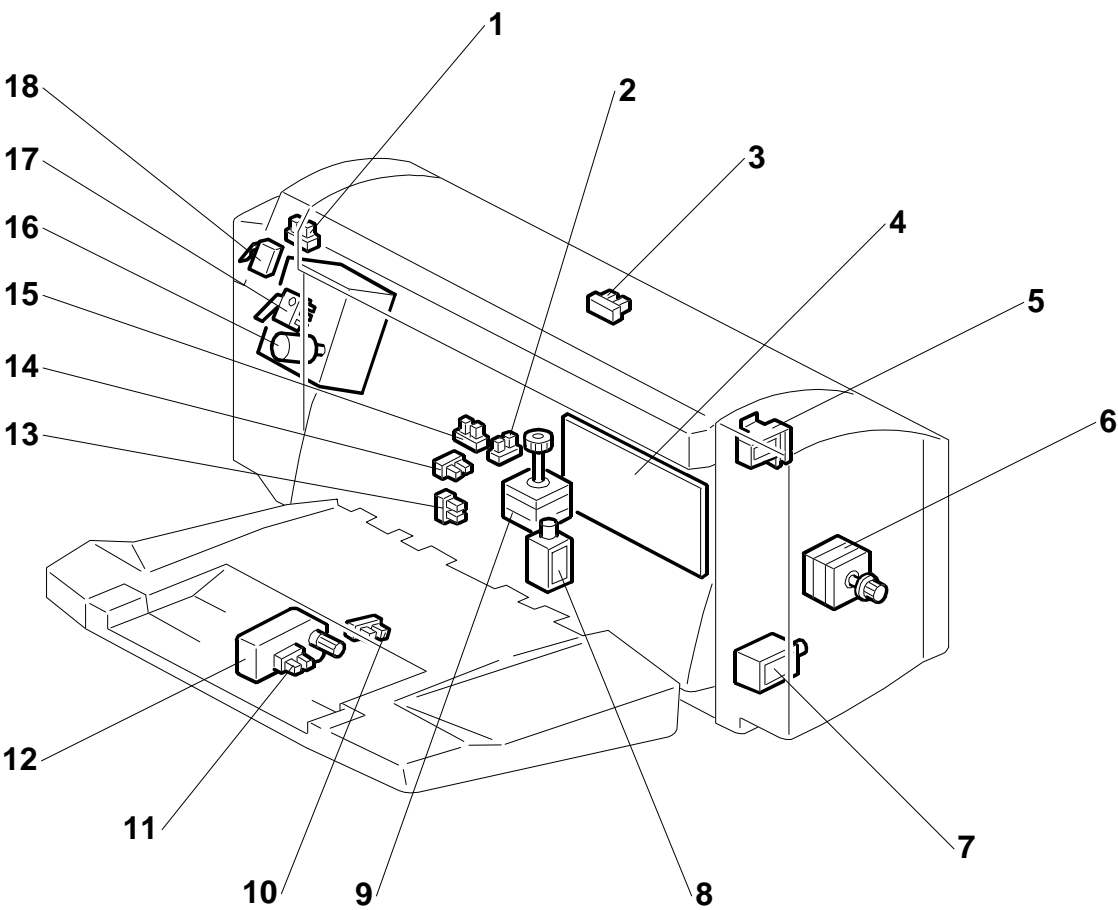


Sy o	Na e	Inde No	P o P
Mo or			
M1	Cooling Fan	5	B5
M2	Drive Motor	7	B4
Sen or			
S1	Tray E it	4	B3
S2	Relay	6	B3
S i e			
S 2	Right G ide	2	B2
S 3	Left G ide	1	B2
So enoid			
SOL1	nction Gate	3	B4
PCB			
PCB1	Bridge Unit Control Board	8	C3





500-SHEET FINISHER (G302/B442) ELECTRICAL COMPONENT LAYOUT



Symbols	Name	Index No.	P to P
<b>Motors</b>			
M1	Main	6	I6
M2	Jogger	9	I7
M3	Output Tray	12	B7
M4	Stapler	16	B4
<b>Sensors</b>			
S1	Entrance	3	I2
S2	Exit	15	I3
S3	Stack height	13	I5
S4	Lever	14	I5
S5	Jogger home position	2	I2
S6	Top cover	1	I1
S7	Tray upper limit	11	B6
S8	Stack near-limit	10	B6
<b>Solenoids</b>			
SOL1	Exit unit gear	7	I4
SOL2	Paddle roller	5	I3
SOL3	Stack height lever	8	I4
<b>PCBs</b>			
PCB1	Main control	4	F6
<b>Switches</b>			
SW1	Paper exit unit	18	B4
SW2	Staple unit cover	17	B3