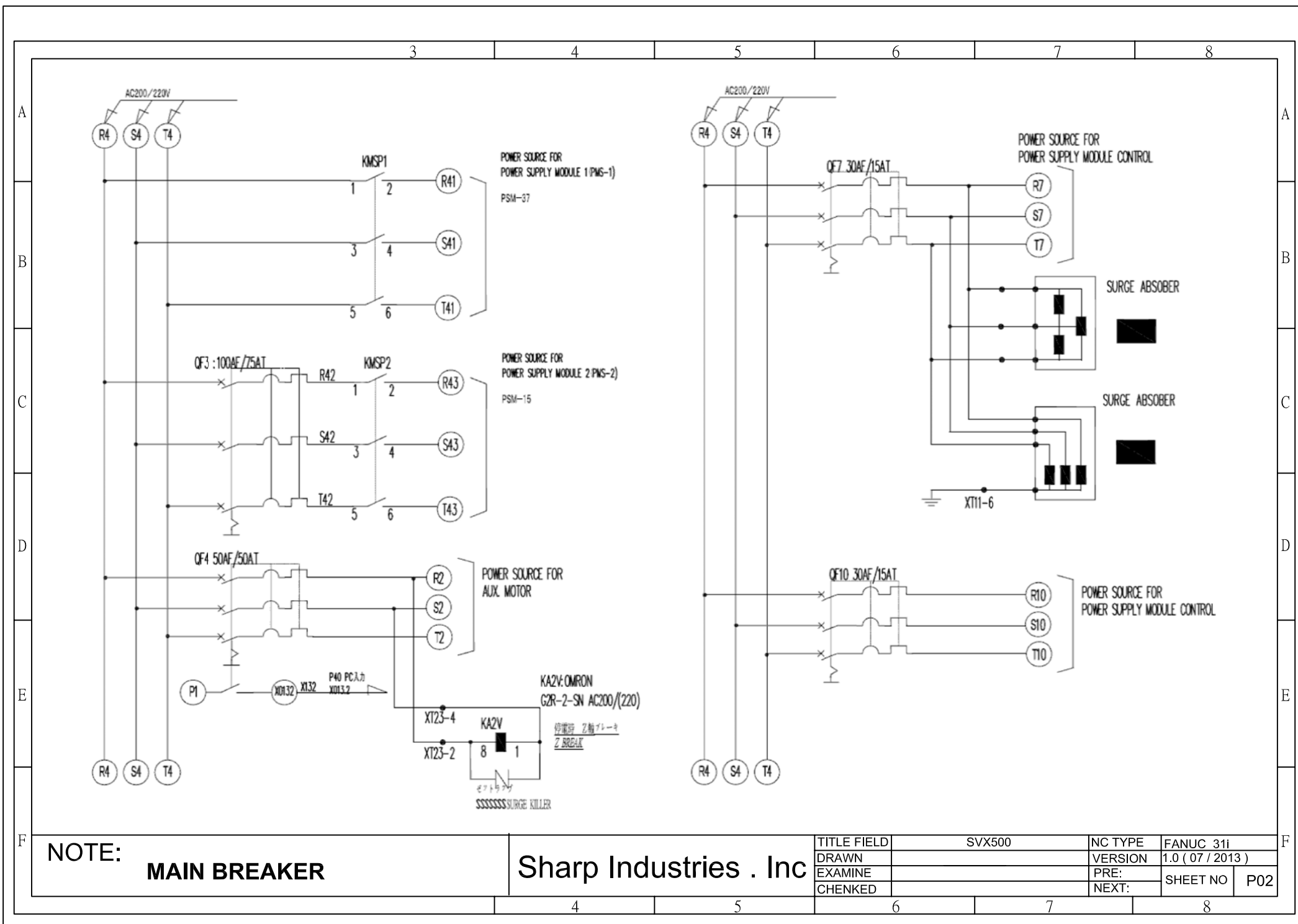
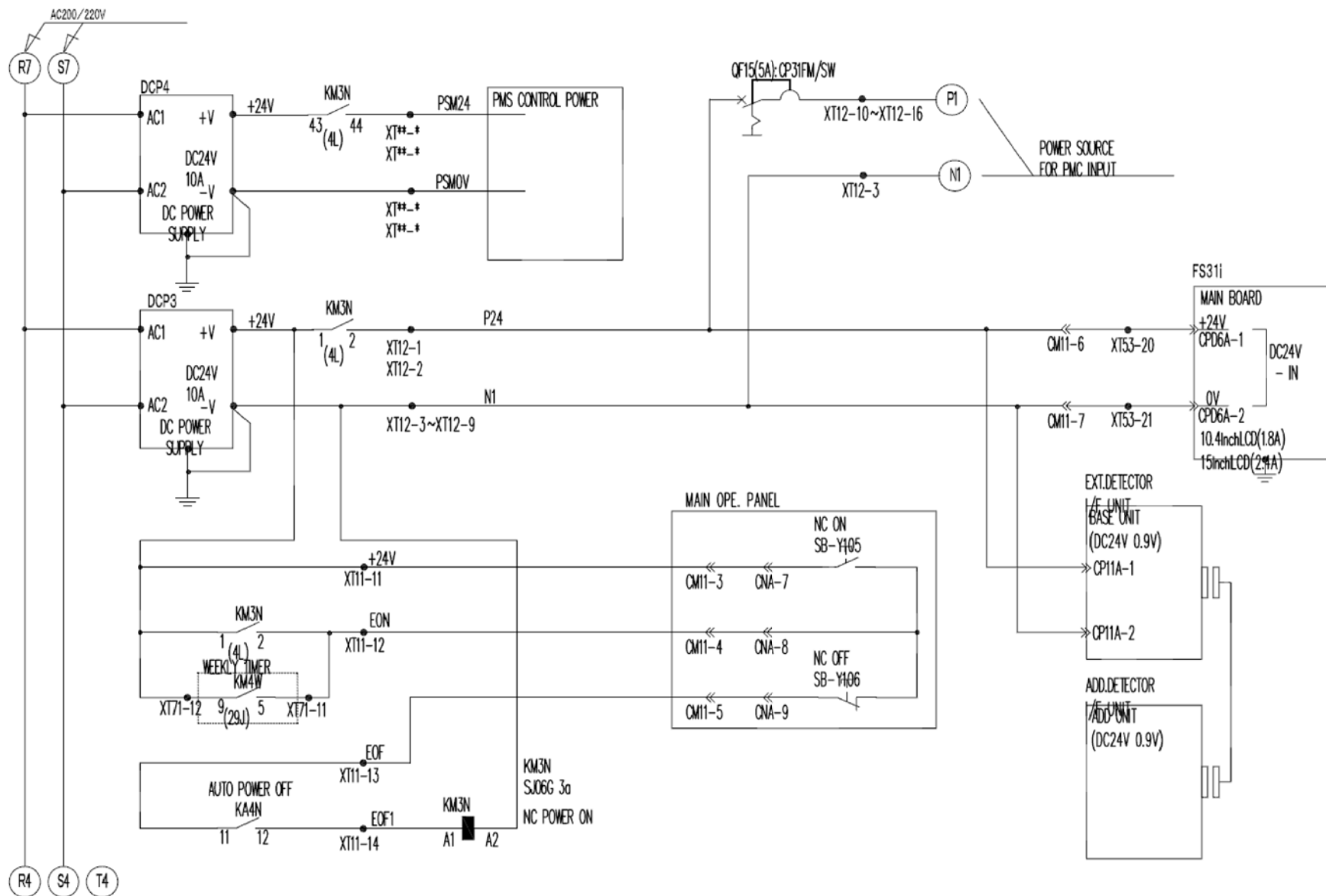


NOTE:
POWER SUPPLY

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P01

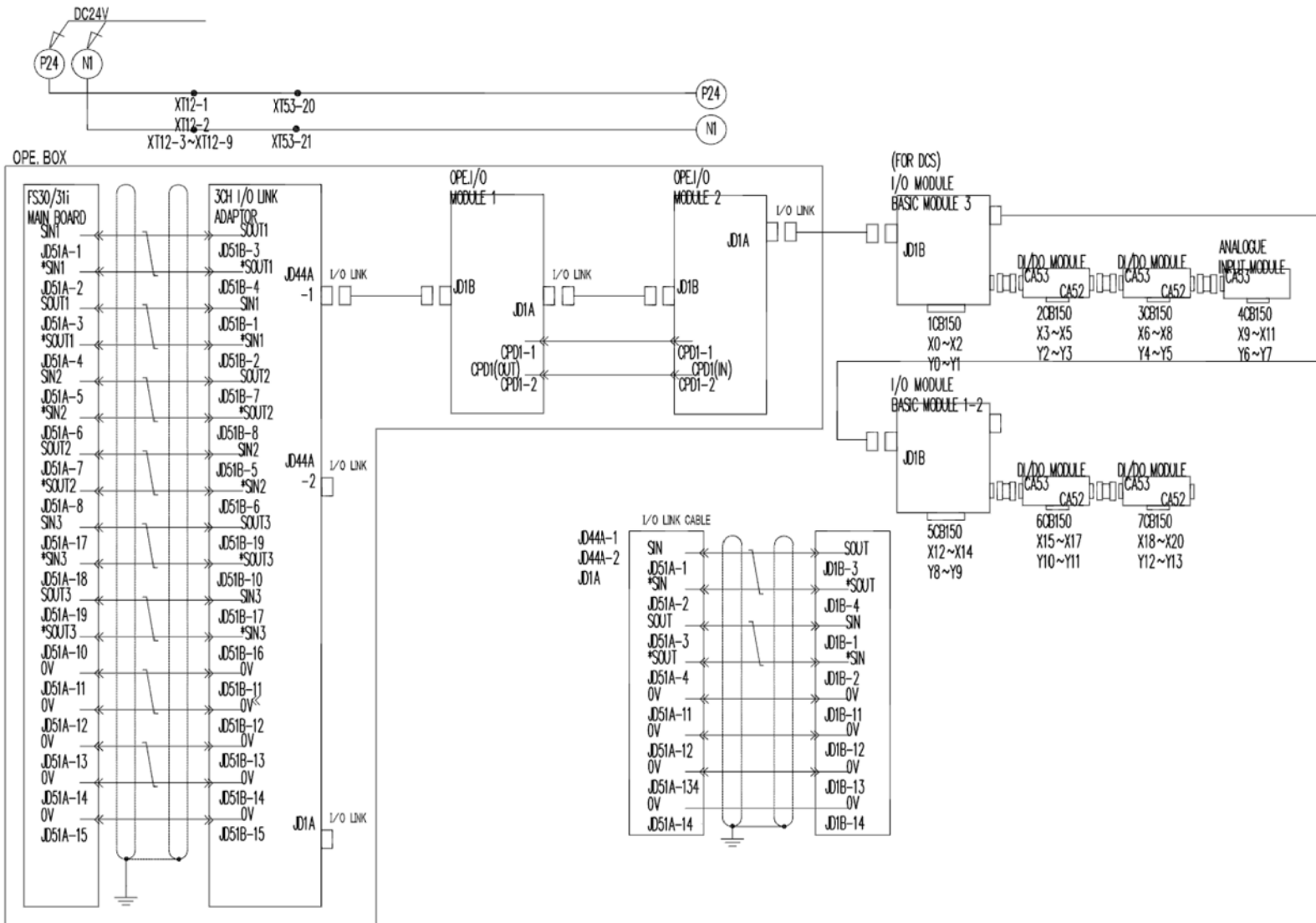




NOTE:

POWER SOURCE FOR NC AND I/O Sharp Industries . Inc

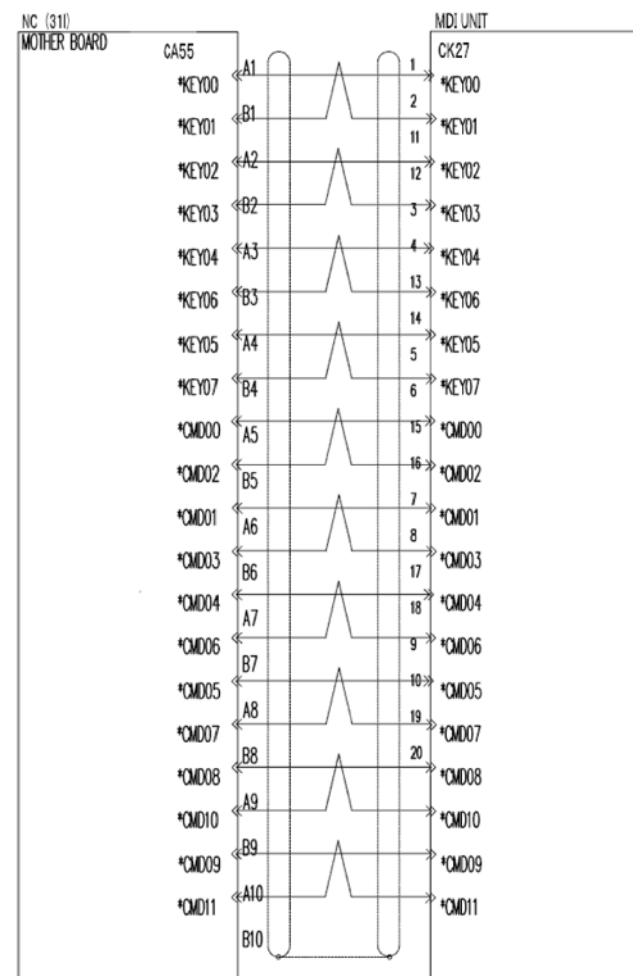
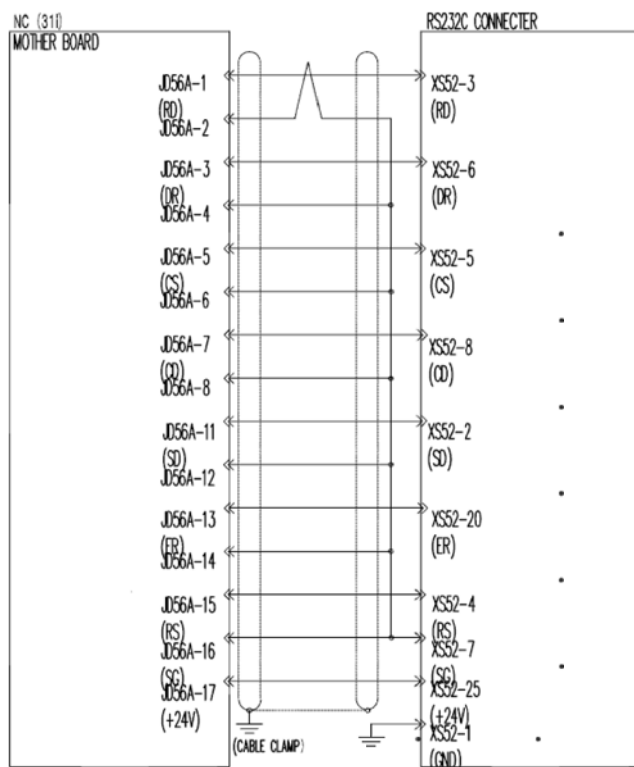
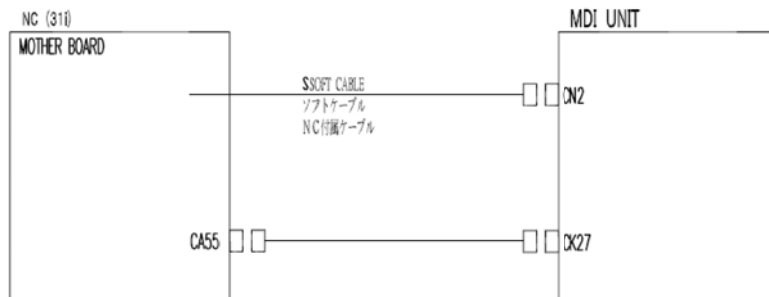
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P03



NOTE: I/O LINK

Sharp Industries . Inc

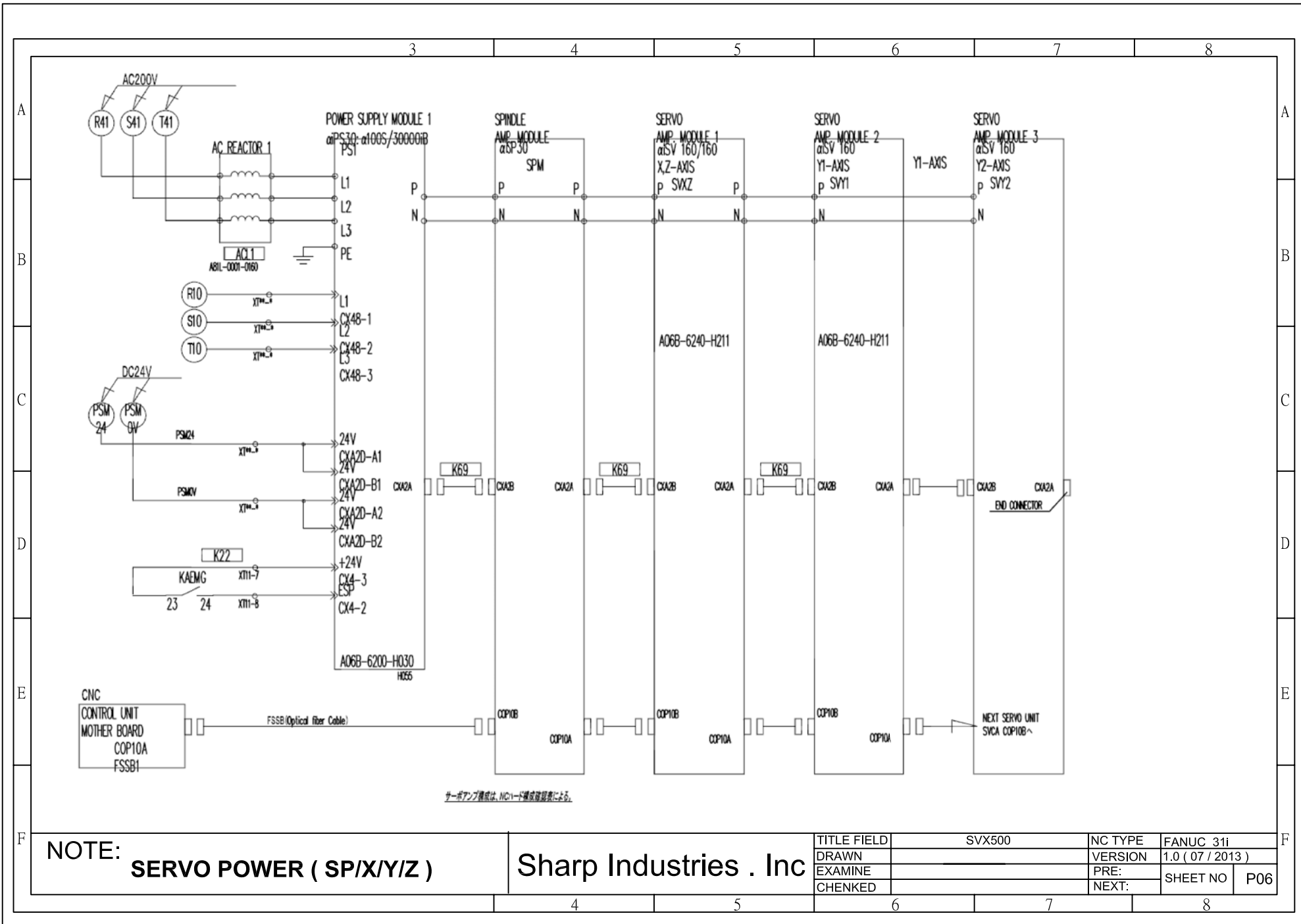
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P04

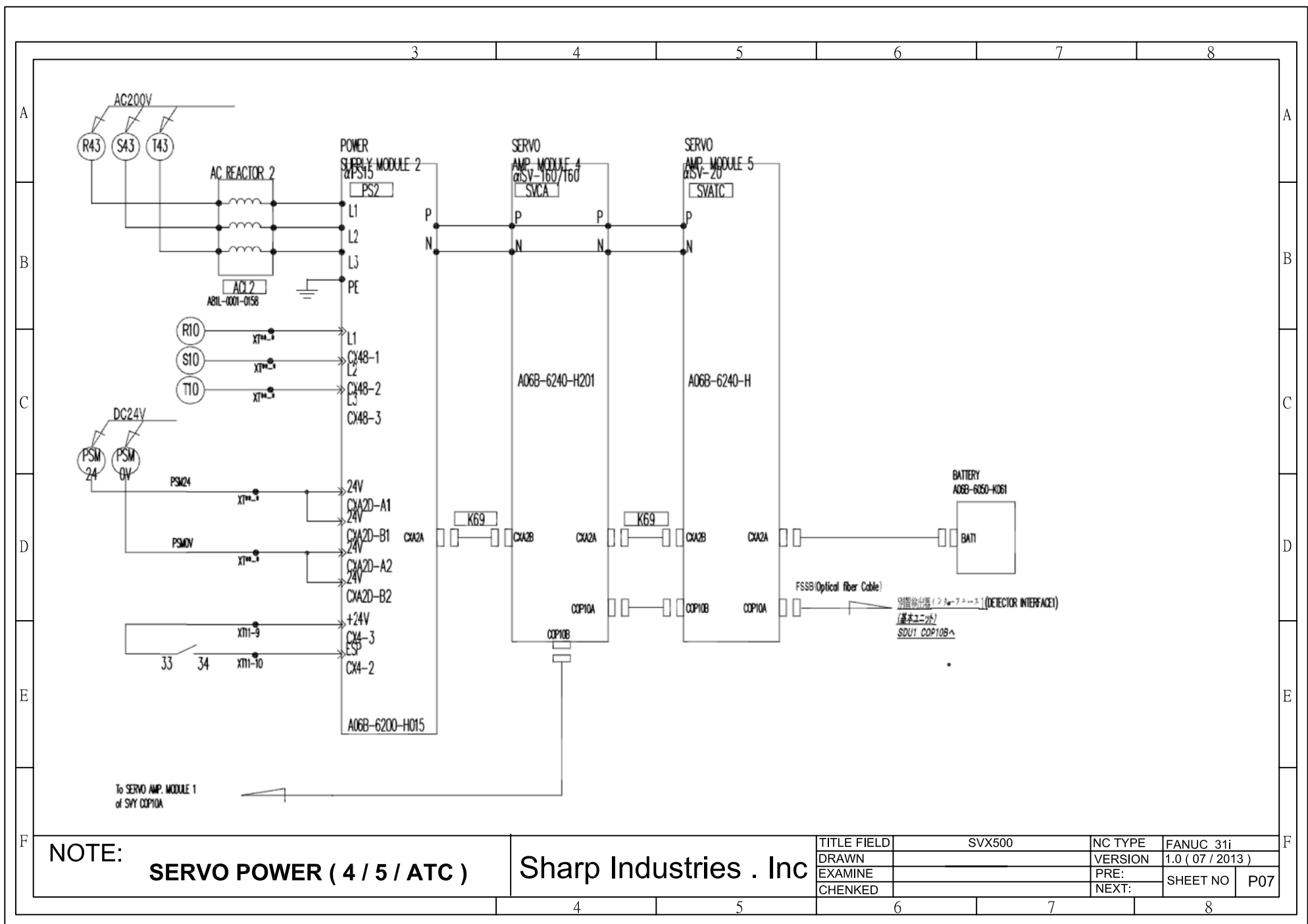


NOTE: LCD / MDI I/F

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 311
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P05



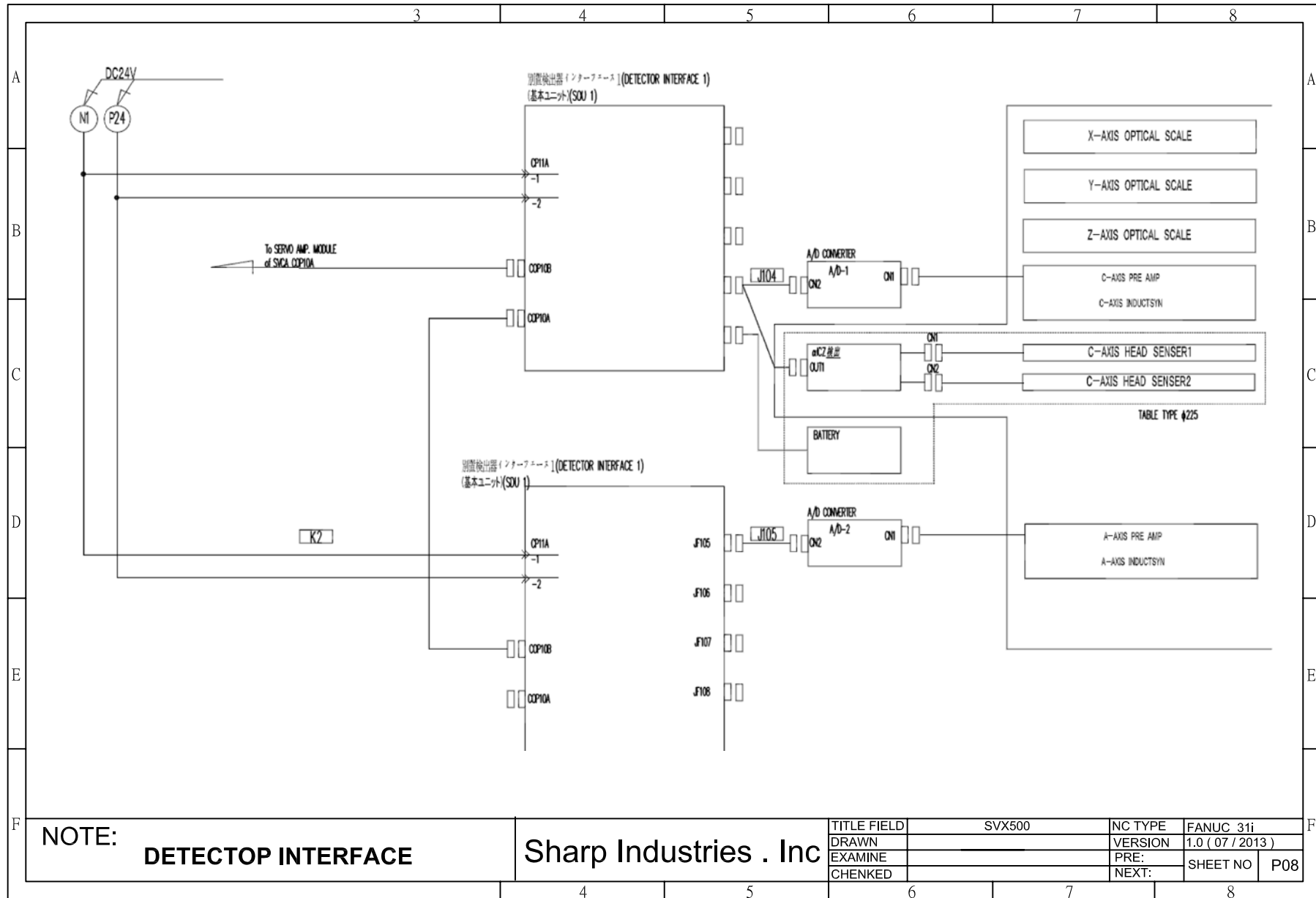


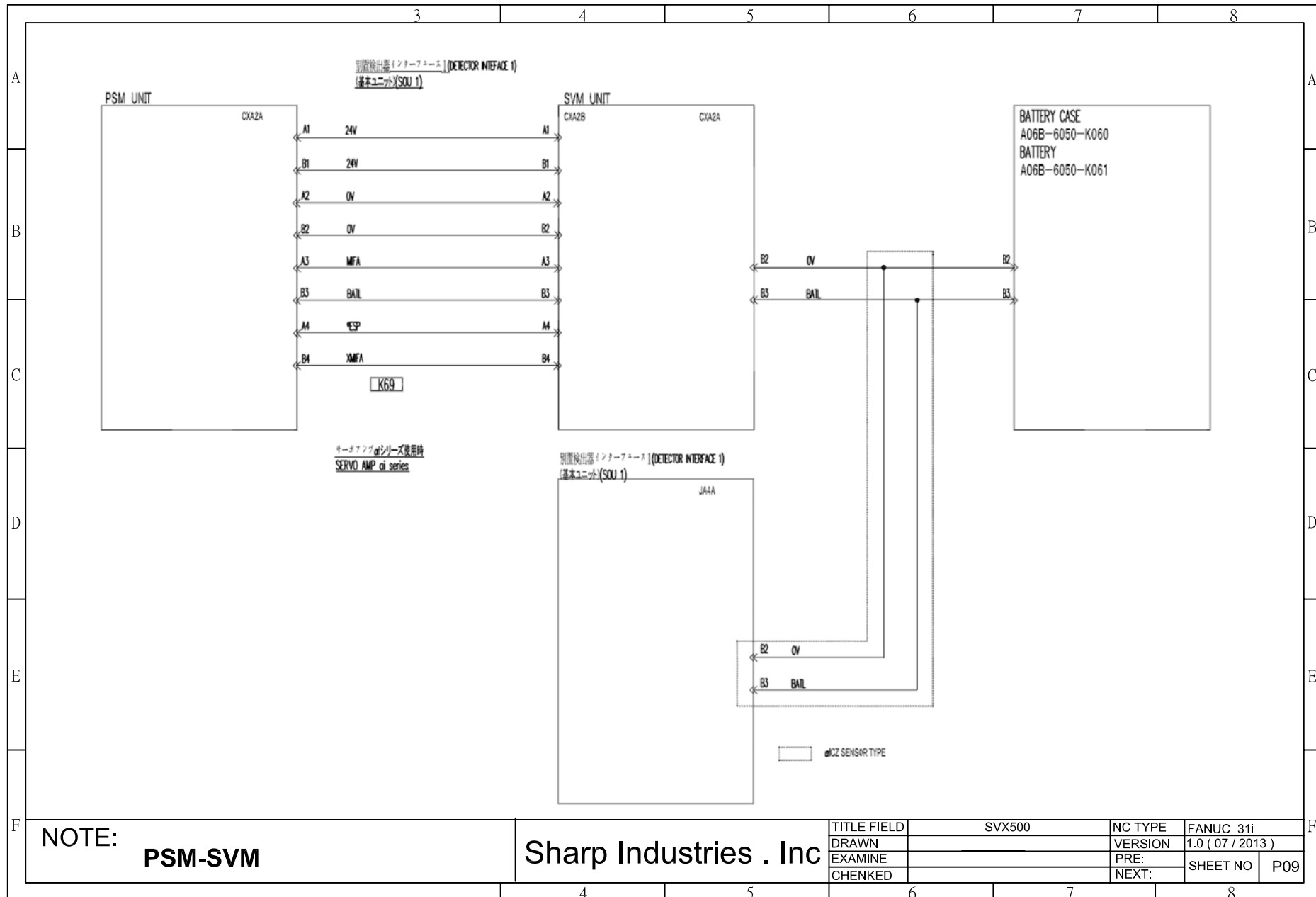
NOTE:

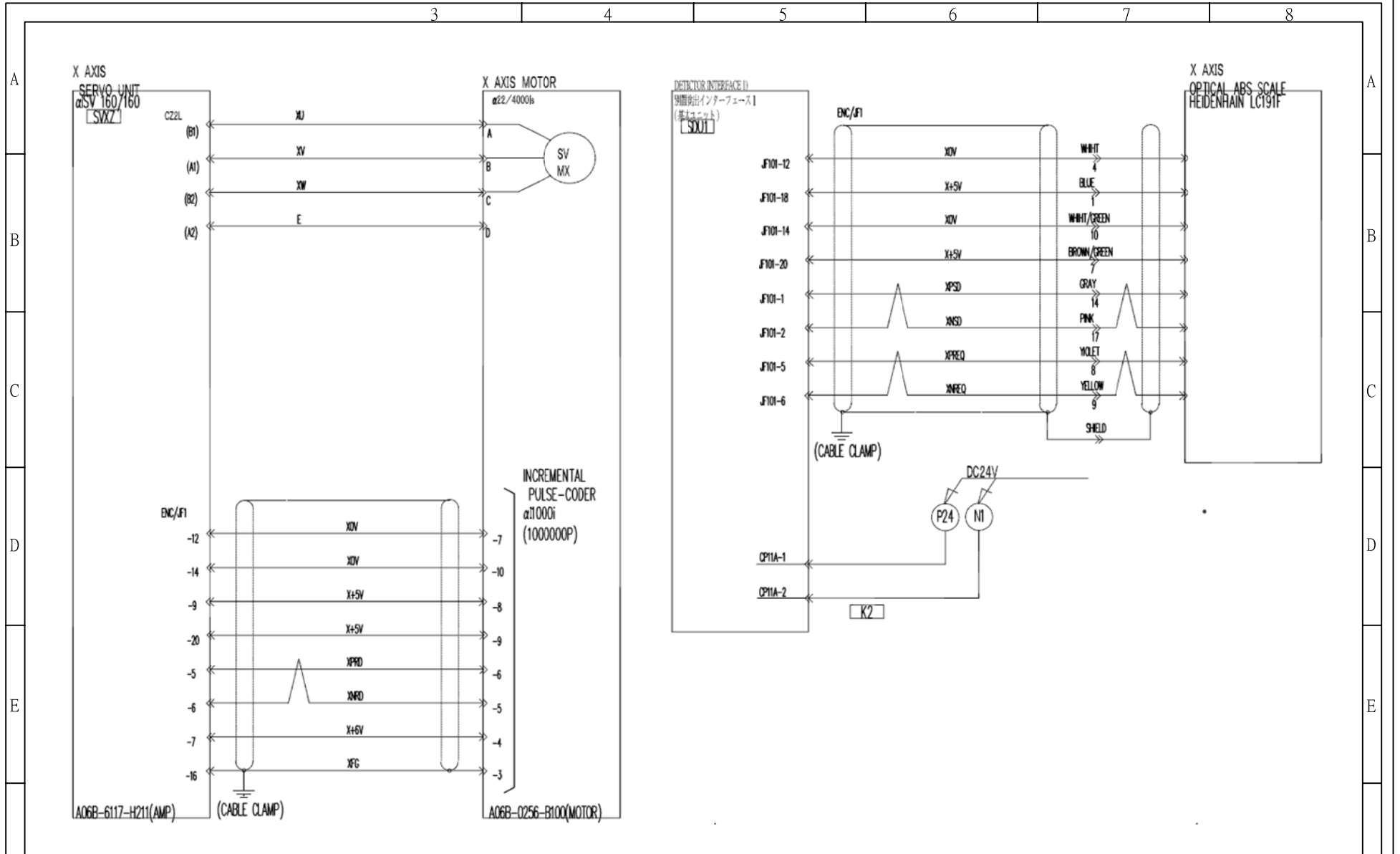
SERVO POWER (4 / 5 / ATC)

Sharp Industries . Inc

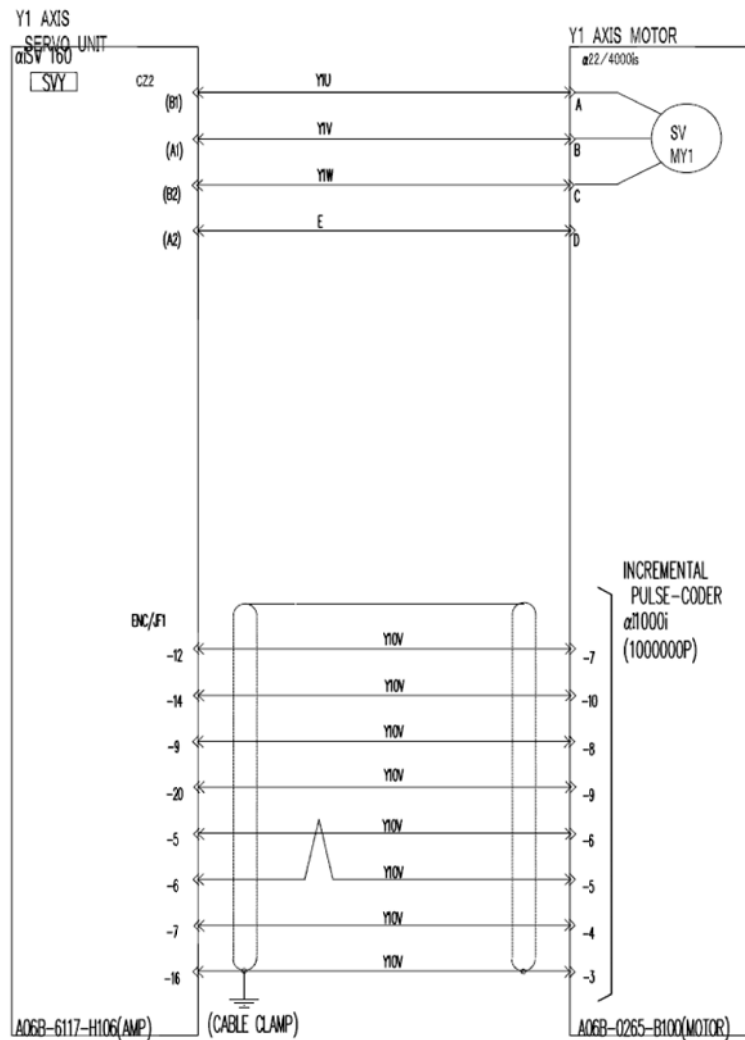
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P07



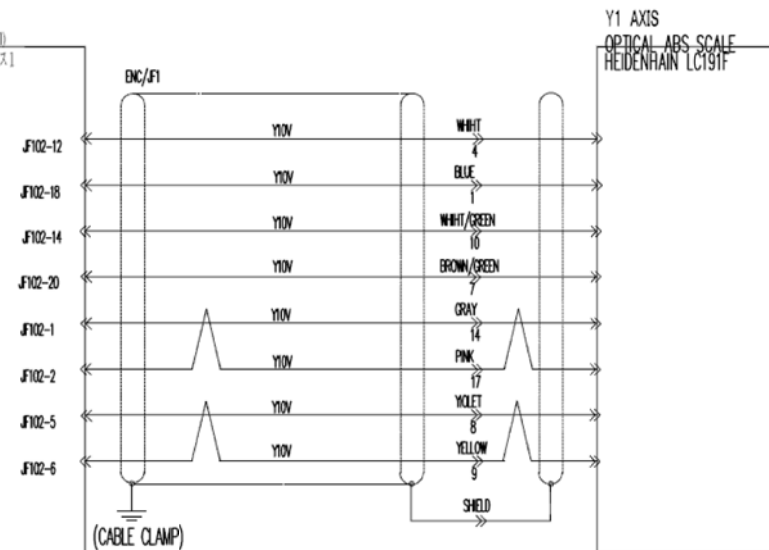




NOTE: SERVO MOTOR (X AXIS)		Sharp Industries . Inc		TITLE FIELD		SVX500		NC TYPE		FANUC 31i	
				DRAWN				VERSION		1.0 (07 / 2013)	
				EXAMINE				PRE:		SHEET NO	
				CHENKED				NEXT:		P10	



(DETECTOR INTERFACE II)
[位置検出インターフェース]
(基本接続)

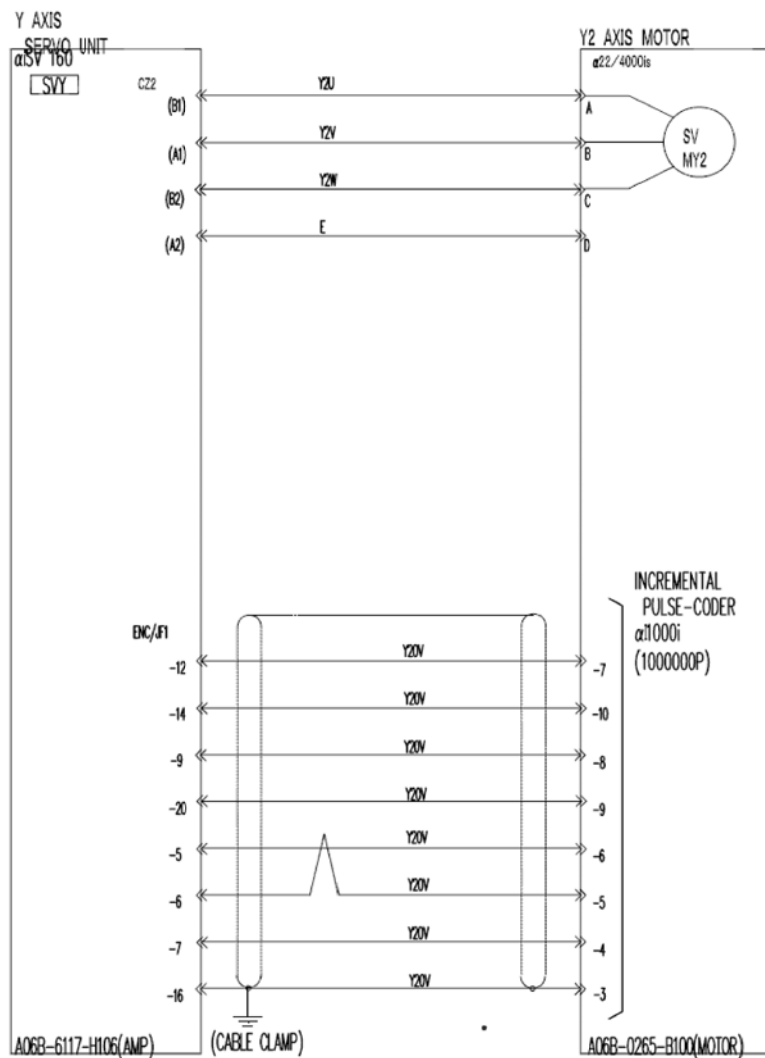


NOTE:

SERVO MOTOR (Y1 AXIS)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHECKED		NEXT:	P11

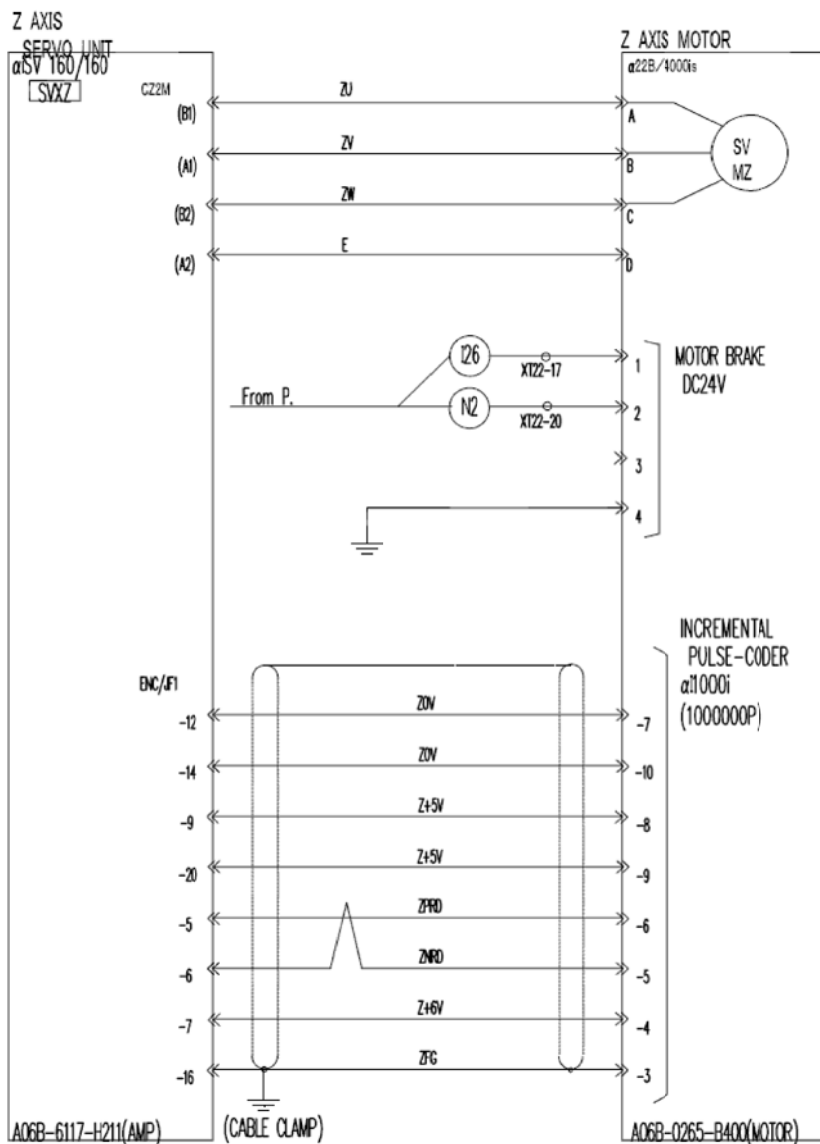


NOTE:

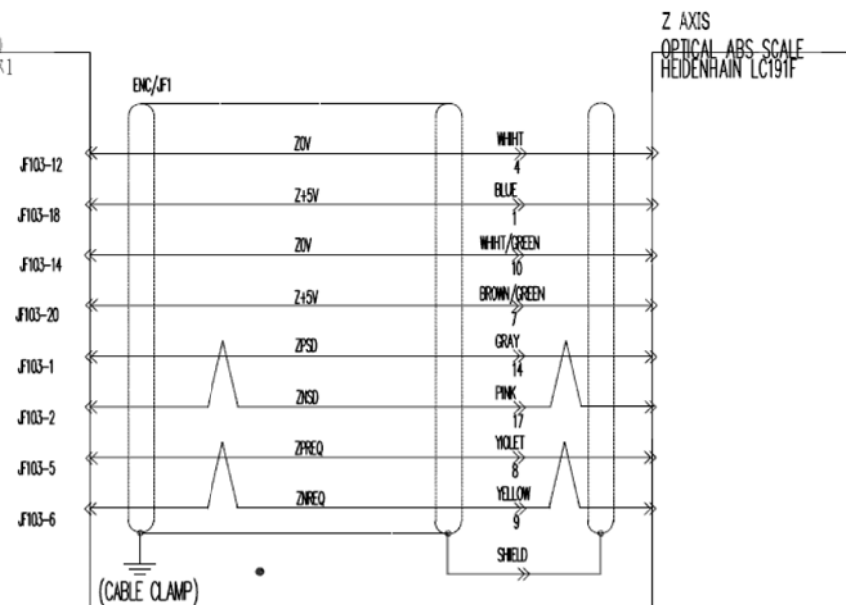
SERVO MOTOR (Y₂ AXIS)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P12



(DETECTOR INTERFACE I)
位置検出インターフェース1
(基本ユニット)
SDU1

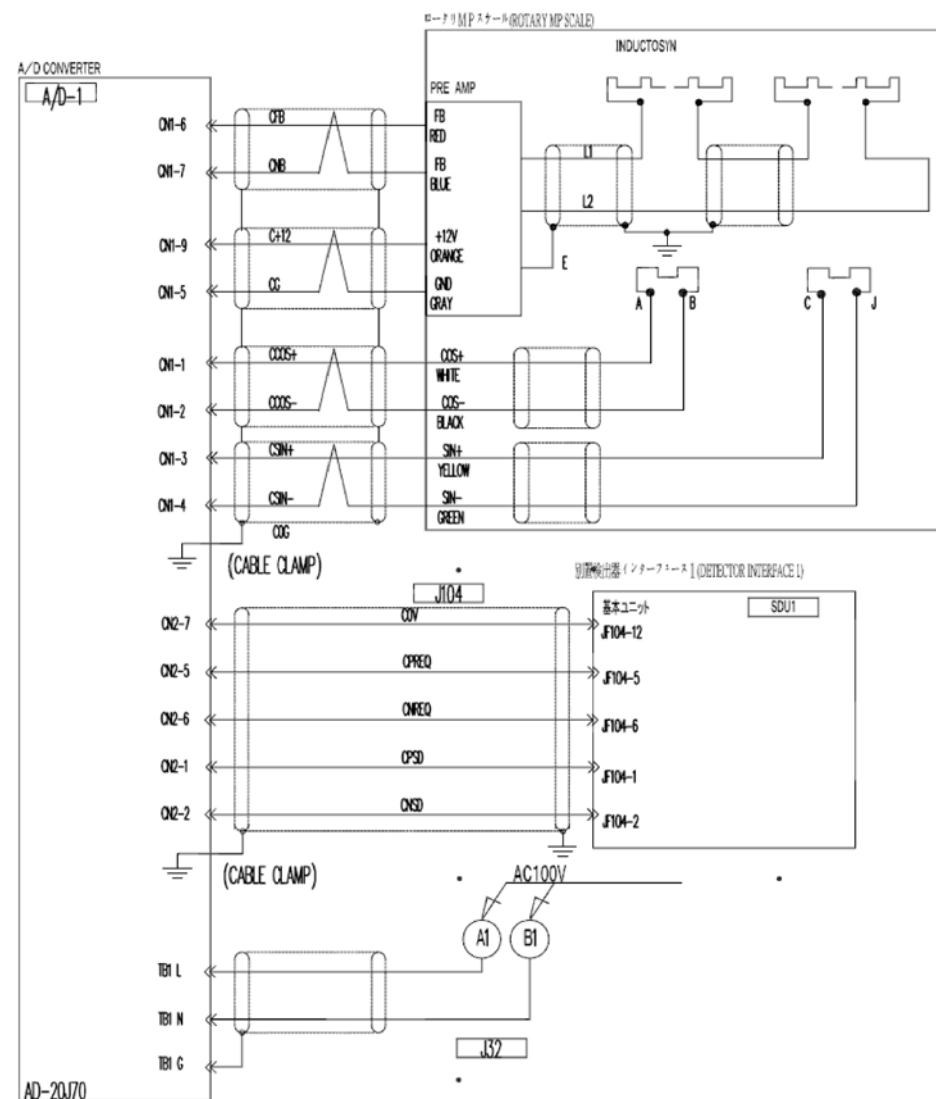
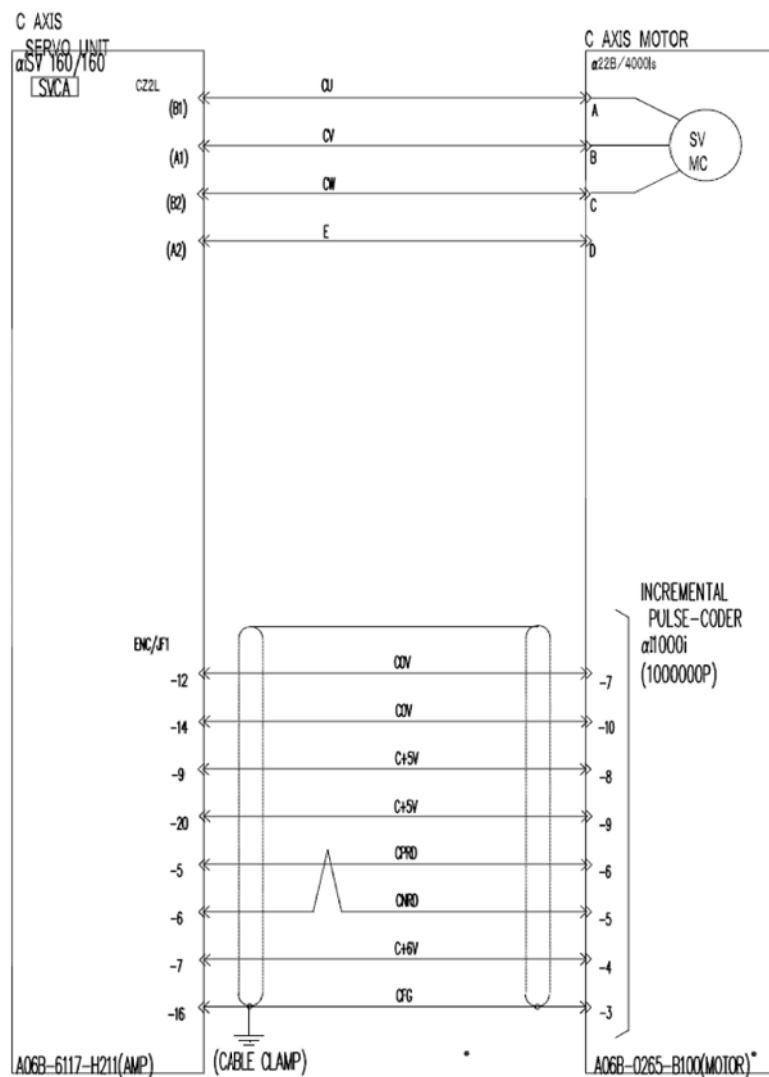


NOTE:

SERVO MOTOR (Z AXIS)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENCKED		NEXT:	
		SHEET NO	P13

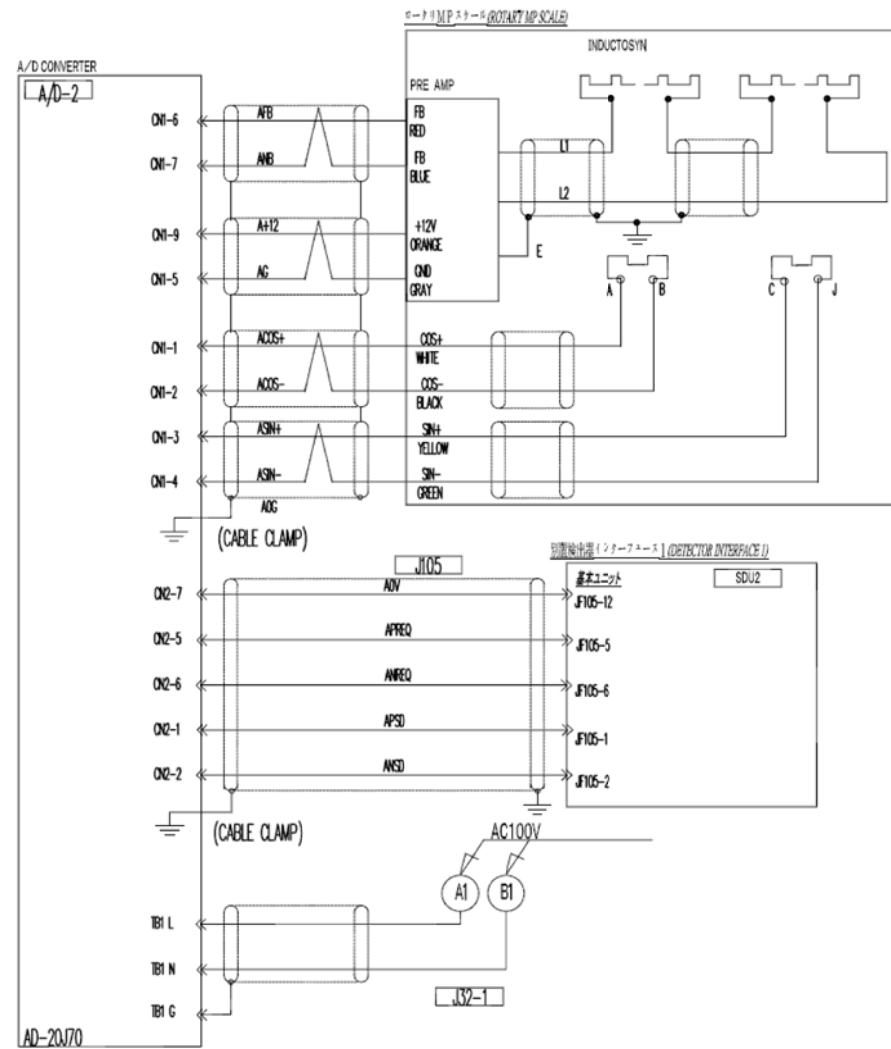
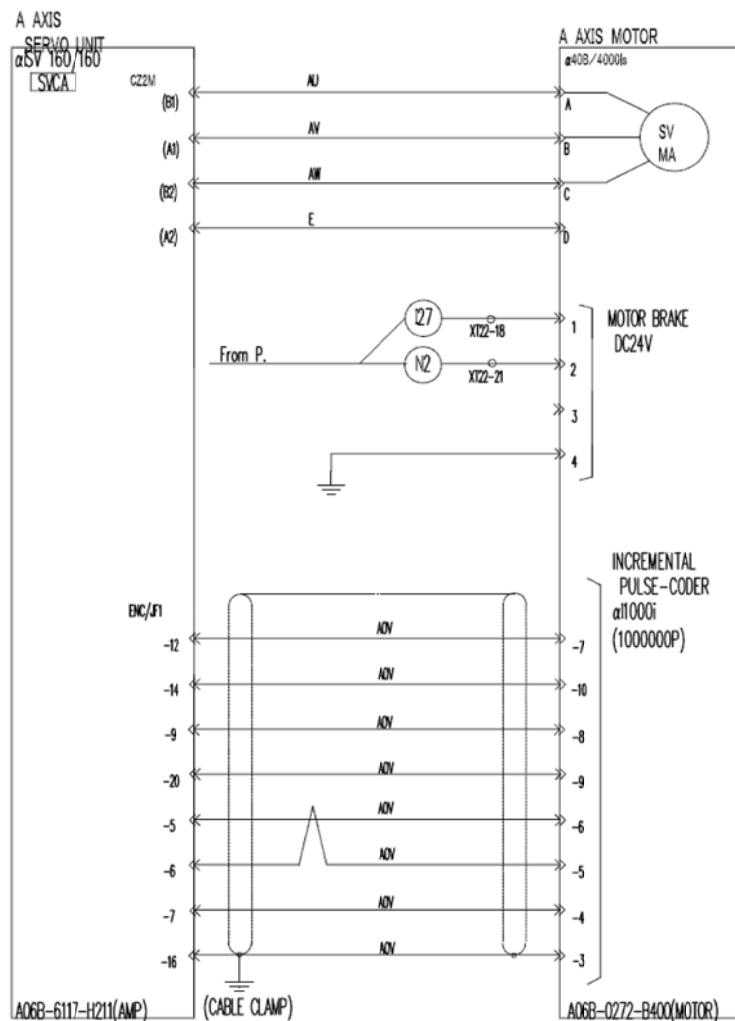


NOTE:

SERVO MOTOR (C AXIS)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENCKED		NEXT:	P14



NOTE: **SERVO MOTOR (A AXIS)**

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P15

ATC SERVO UNIT

αSV-20

SVATC

C22L

(B1)

(A1)

(B2)

(A2)

ATCU

ATCV

ATCW

E

ATC MG MOTOR

β2/4000is(24,40ATC)

A

B

C

D

SV
MATC

ENC/F1

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-16

ATCW

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ATCW

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ATCW

INCREMENTAL
PULSE-CODER
α1000i
(1000000P)

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A06B-6117-H106(AMP)

(CABLE CLAMP)

A06B-0261-B203(MOTOR)

NOTE:

SERVO MOTOR (ATC AXIS)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P16

SPINDLE AMP. MODULE

a112S/15000B: aSP 30
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A06B-6220-H030#H600

2013/06/13 REVISED

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SPINDLE MOTOR

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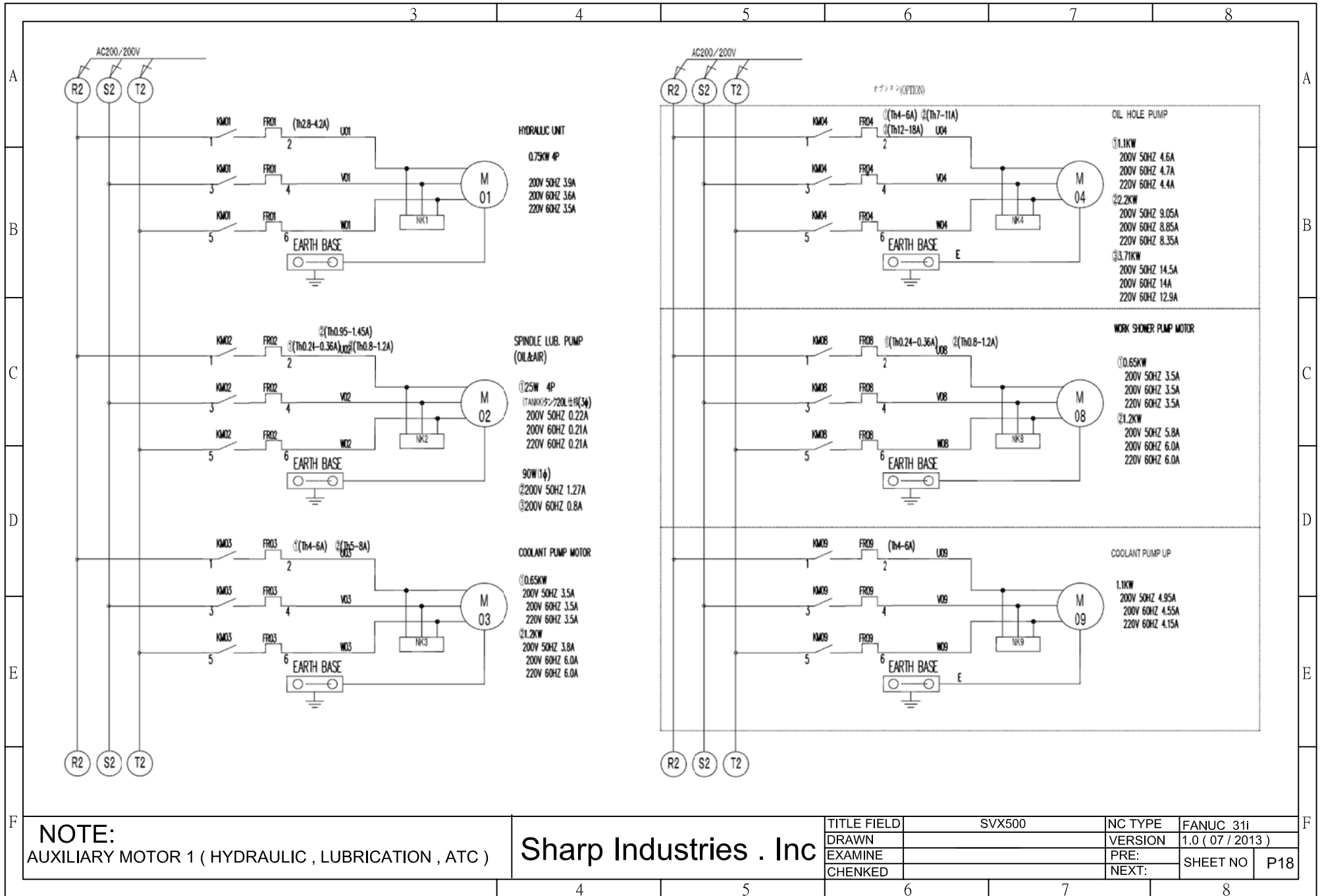
VA

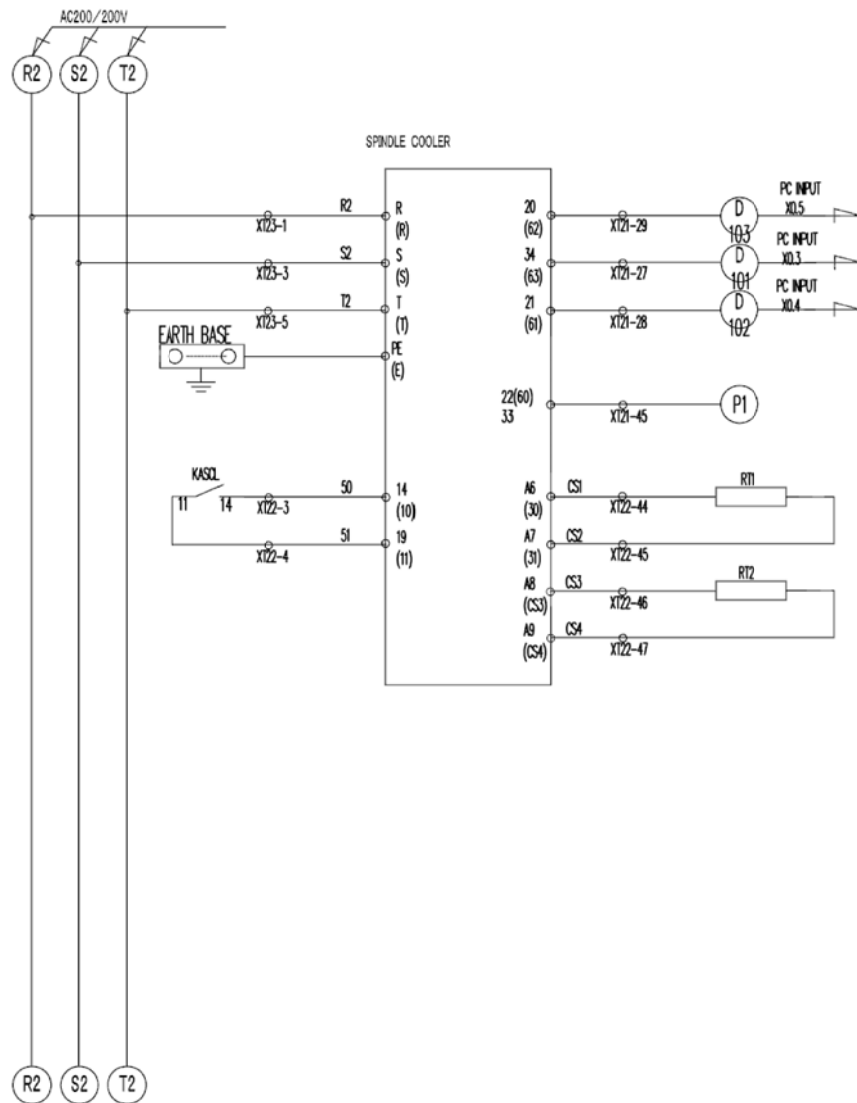
VA

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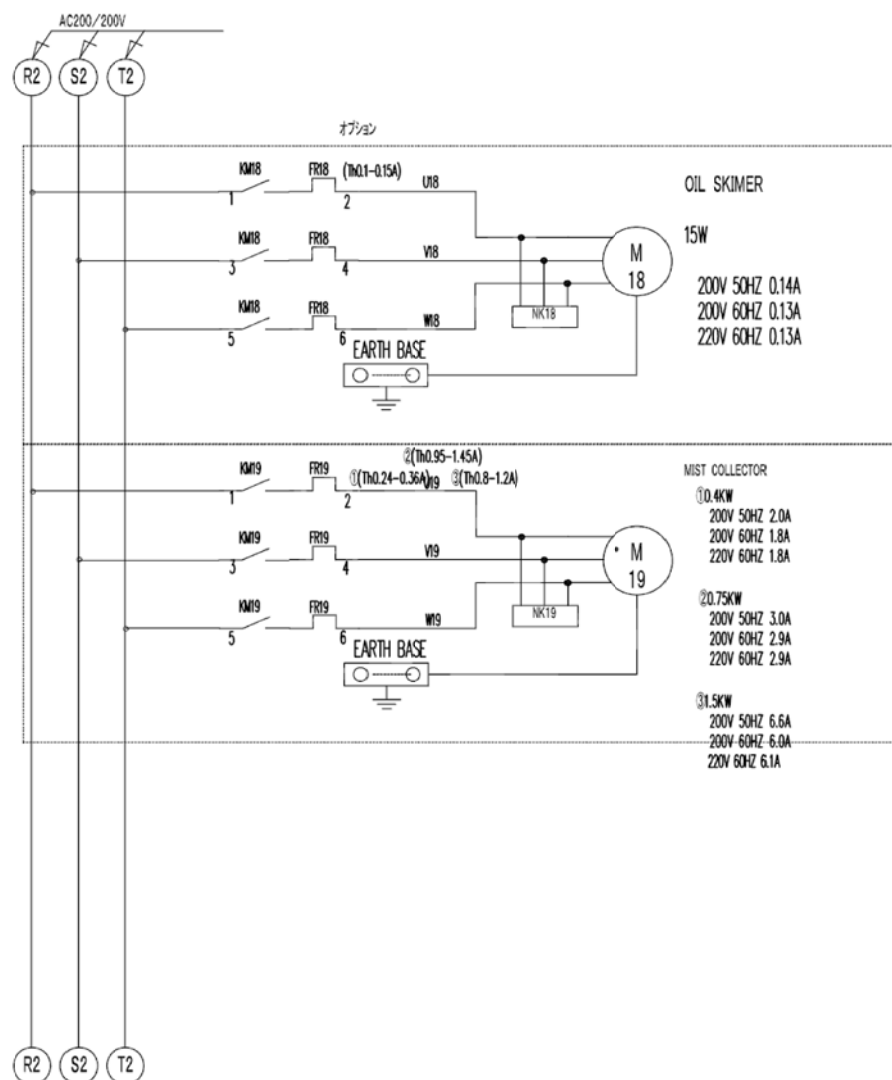
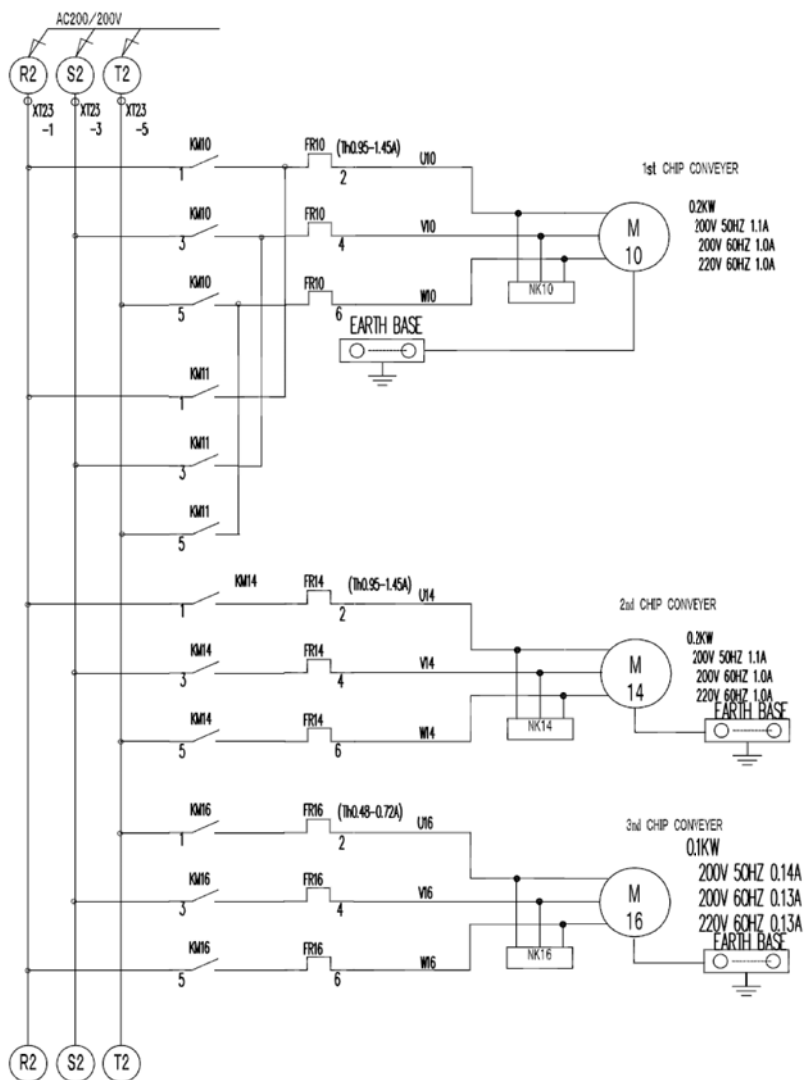




NOTE:
AUXILIARY MOTOR 2 (SPINDLE OIL CHILLER)

Sharp Industries . Inc

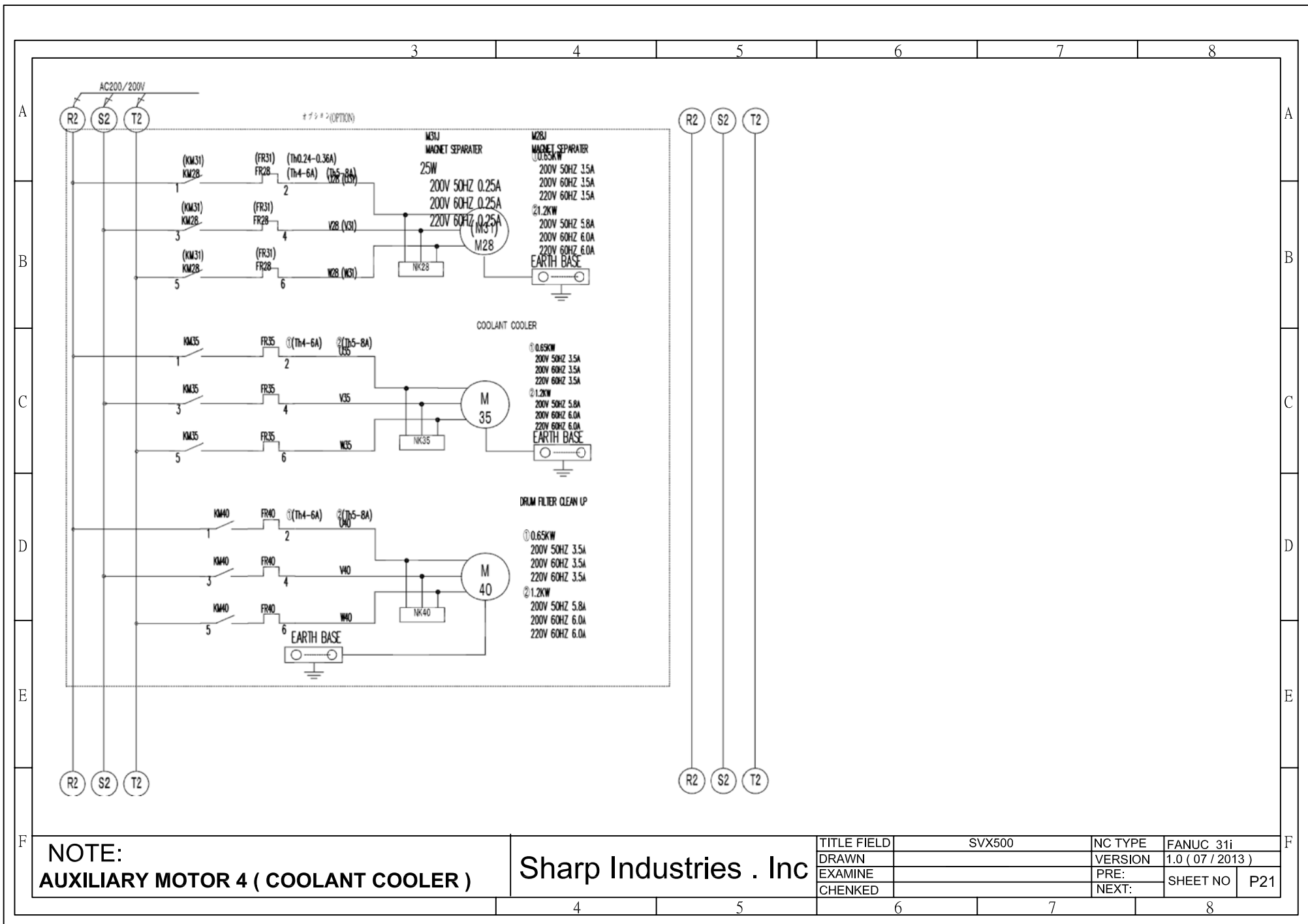
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENKED		NEXT:	
		SHEET NO	P19

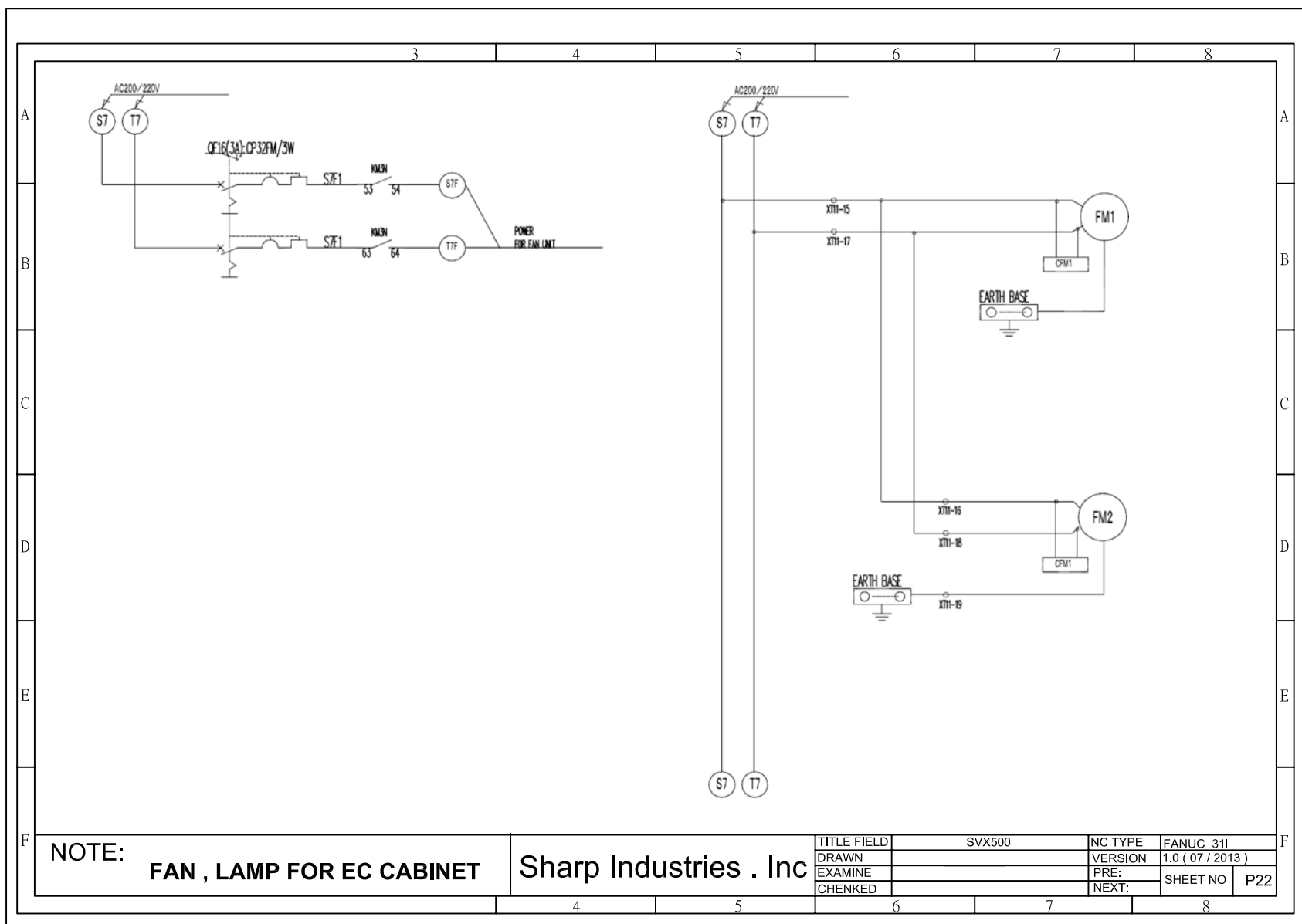


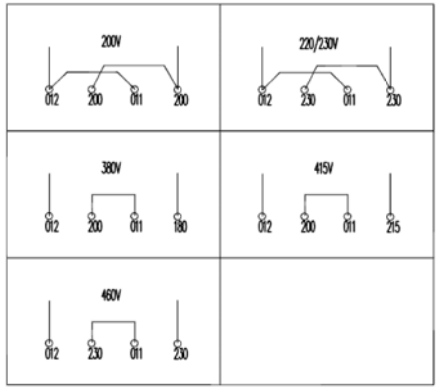
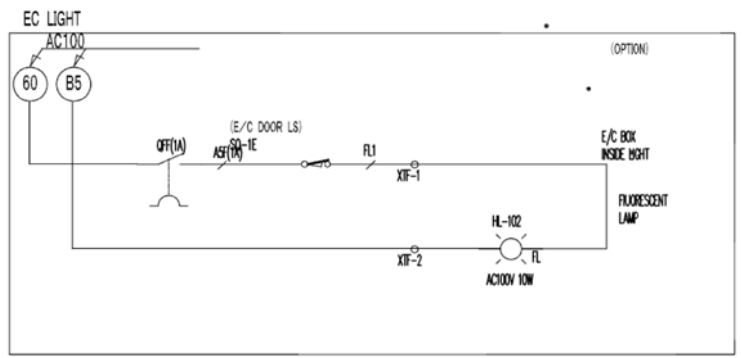
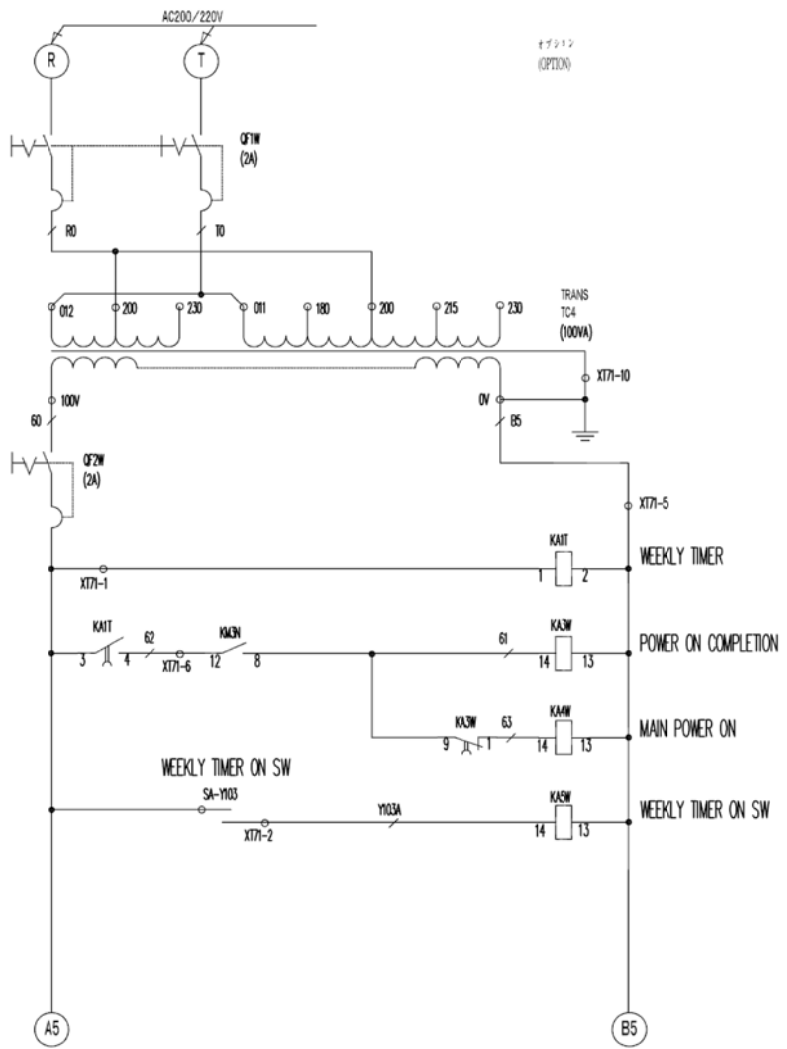
NOTE:
AUXILIARY MOTOR 3
(CHIP CONVEYOR, OIL SKIMER, OIL MIST)

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENCKED		NEXT:	P20



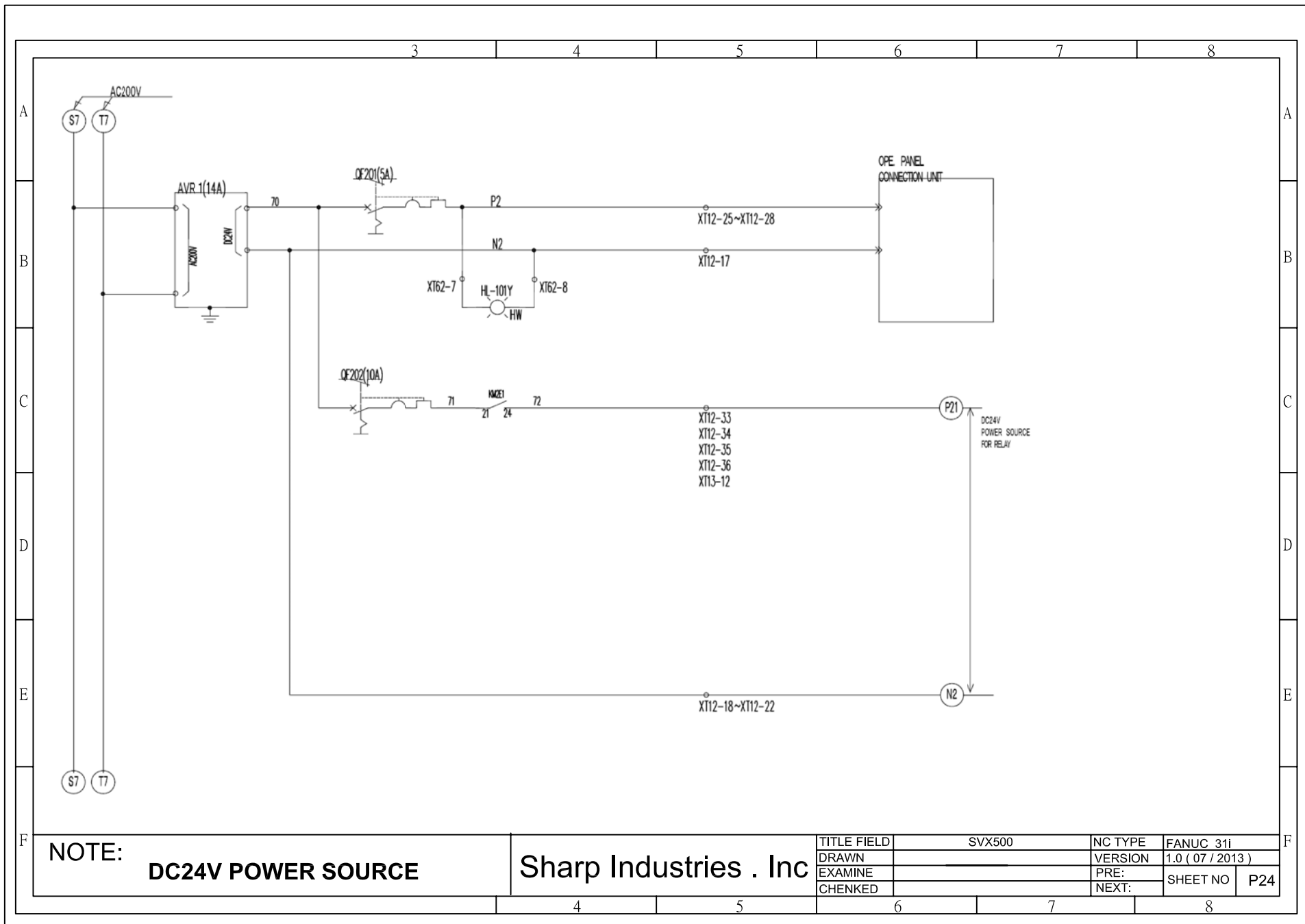


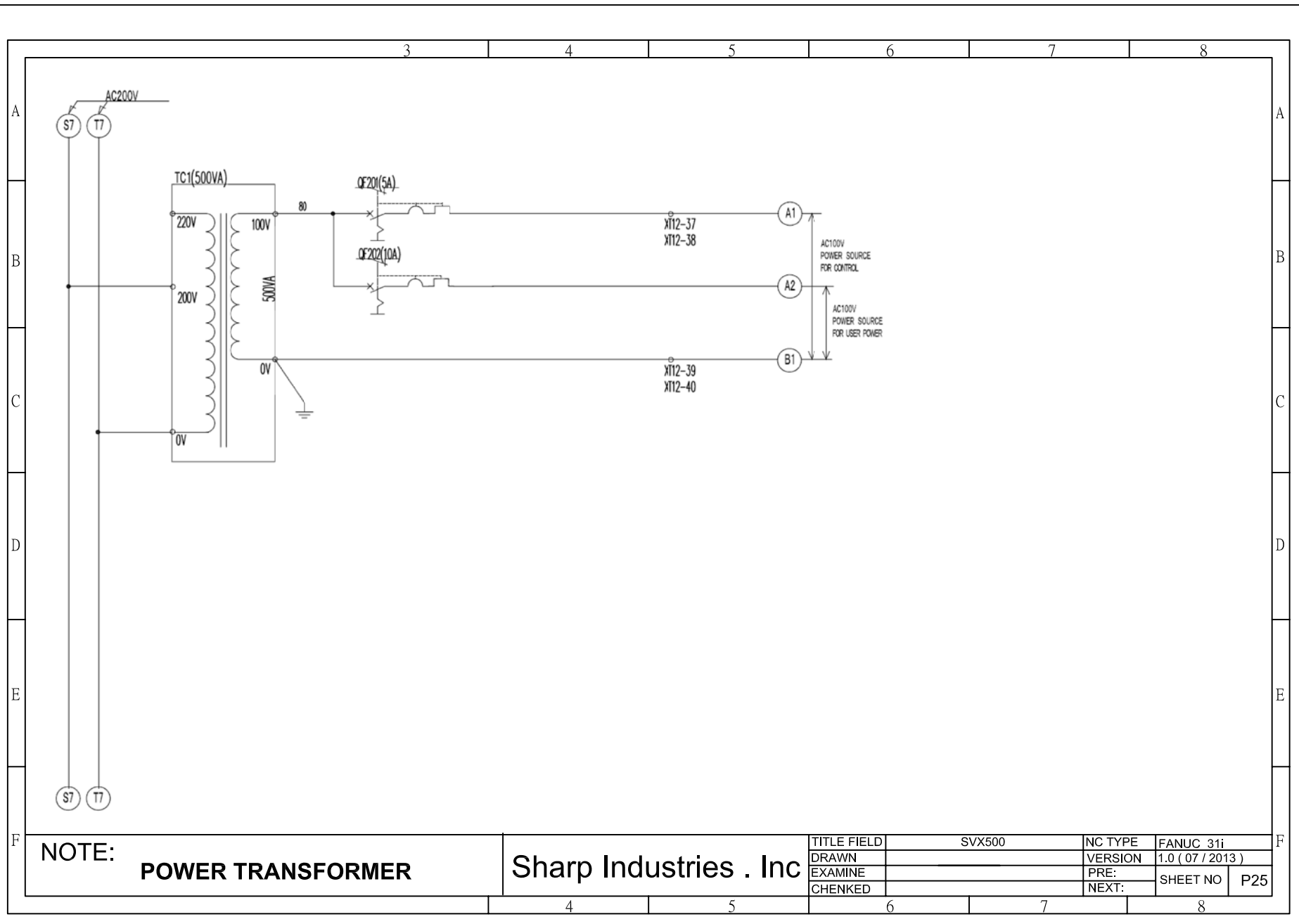


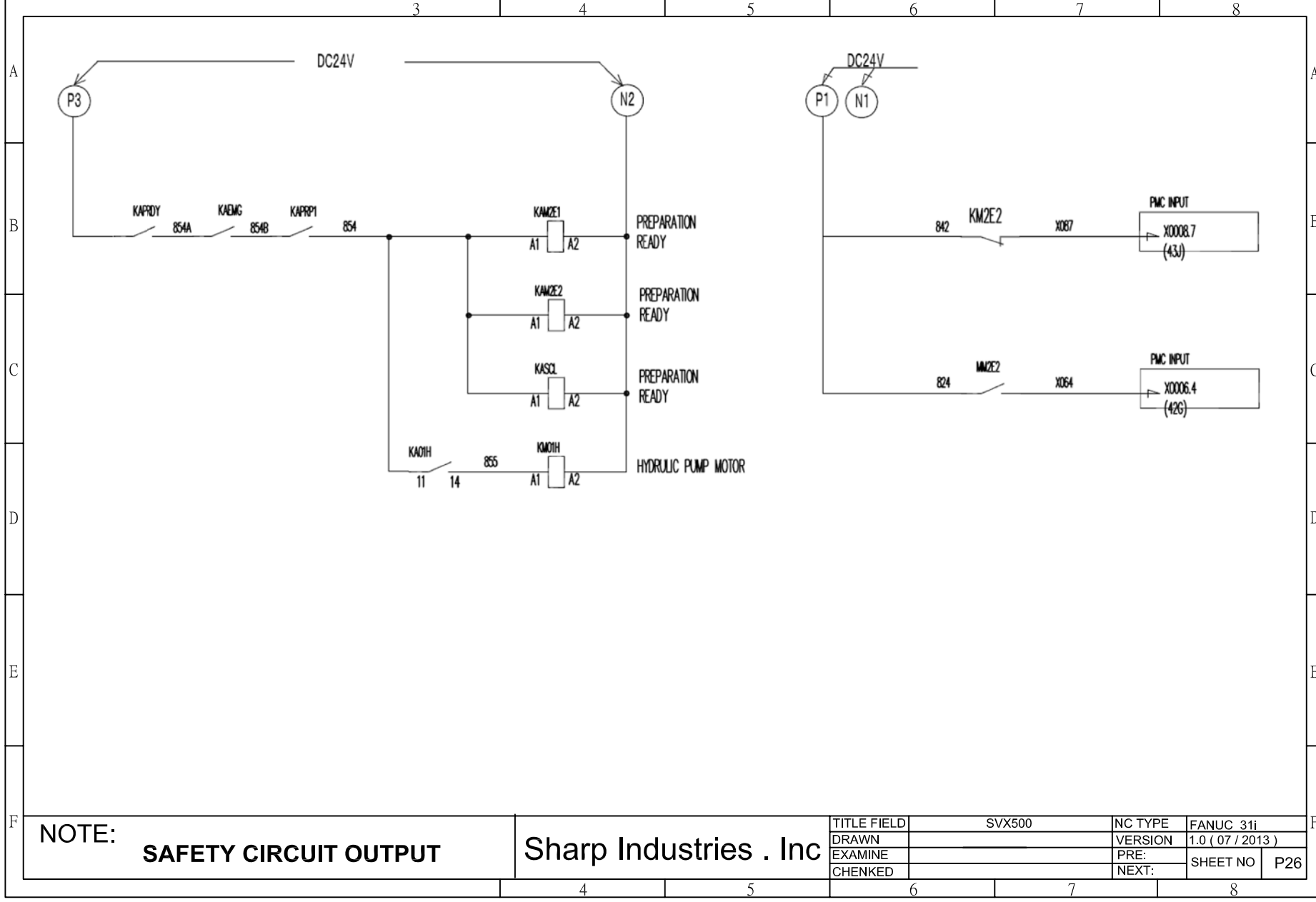
NOTE:
AUTO POWER WEEKLY TIMER

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P23



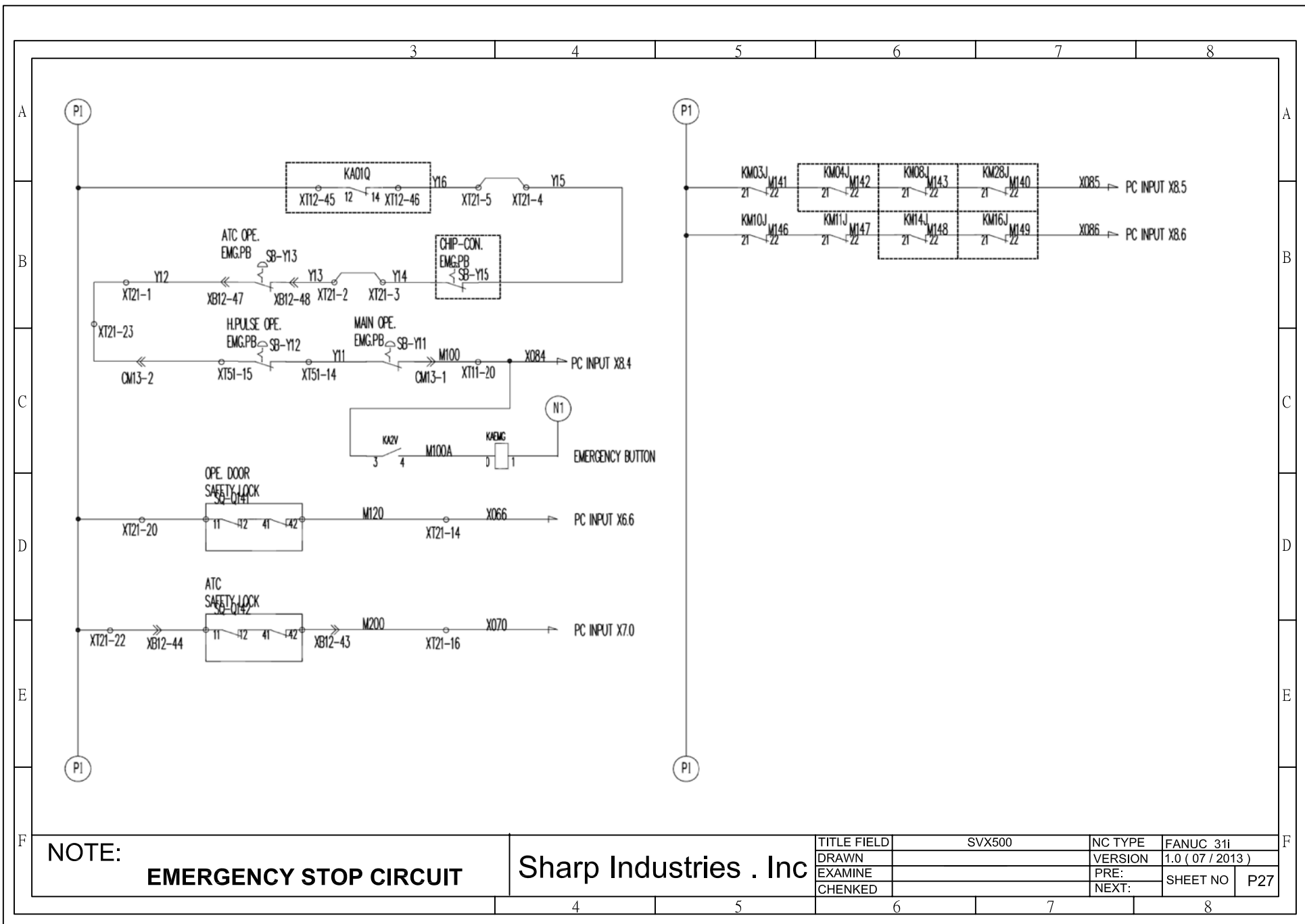




NOTE: SAFETY CIRCUIT OUTPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P26



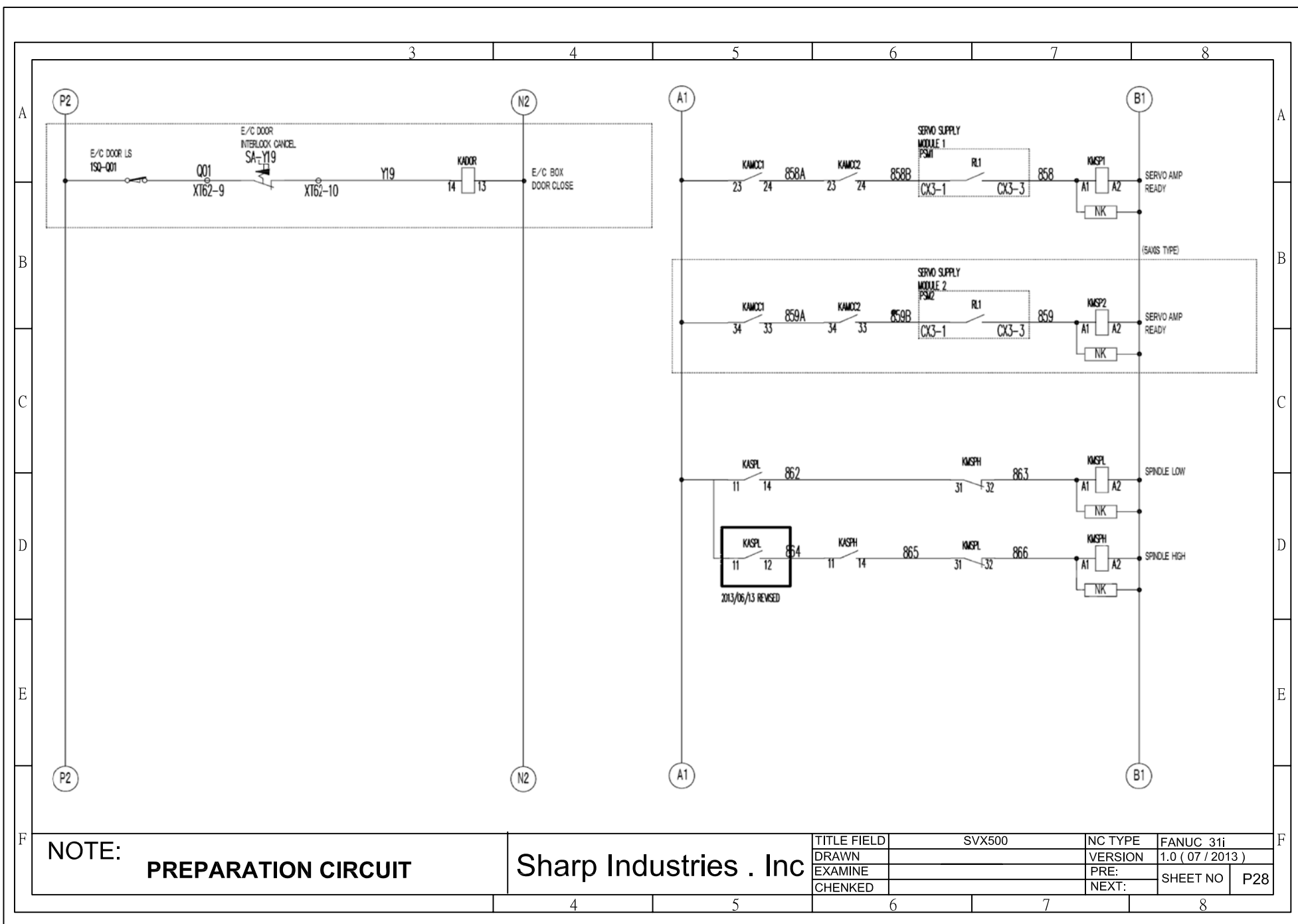
NOTE:

EMERGENCY STOP CIRCUIT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENCKED		NEXT:	

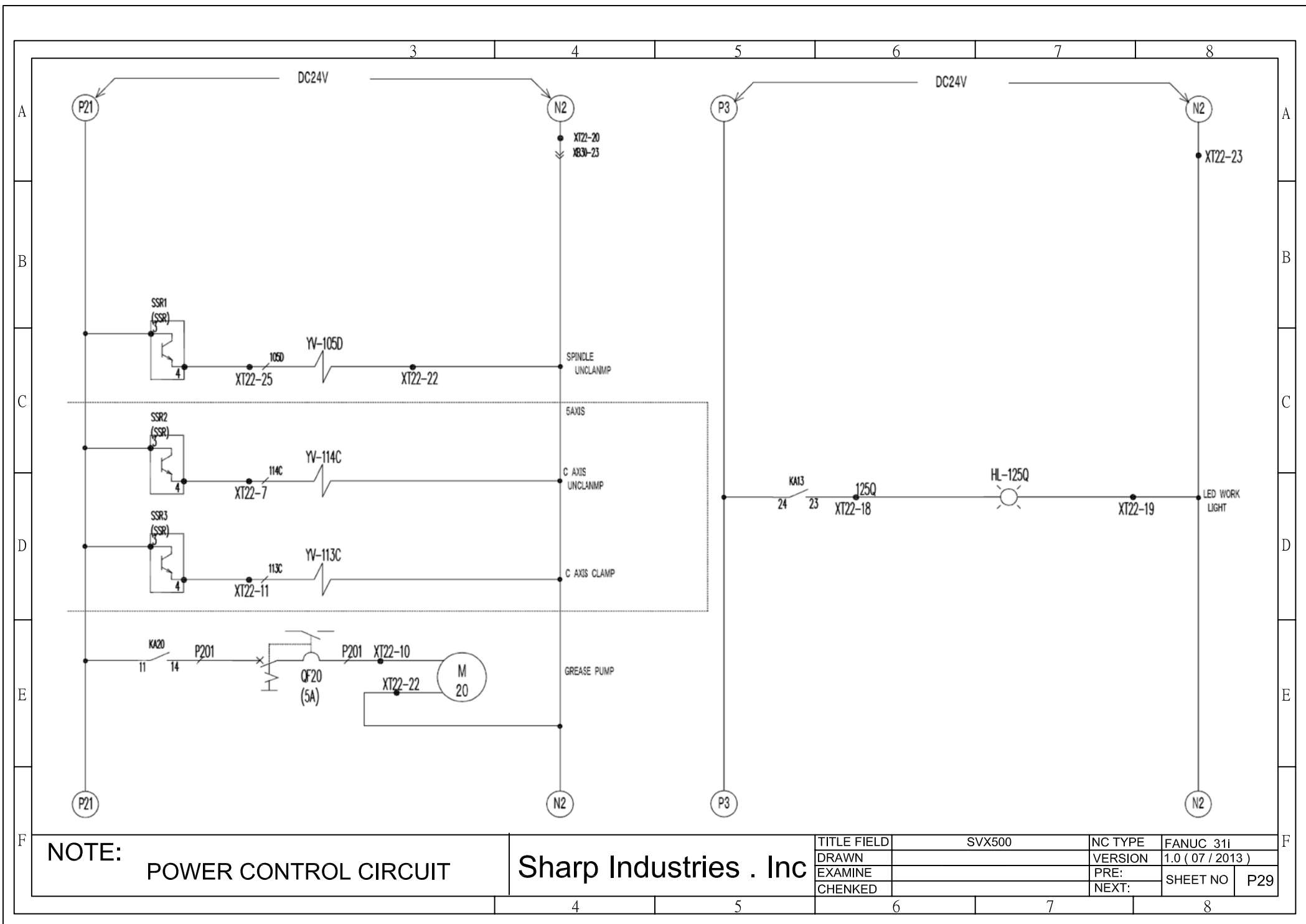
SHEET NO P27



NOTE: PREPARATION CIRCUIT

Sharp Industries . Inc

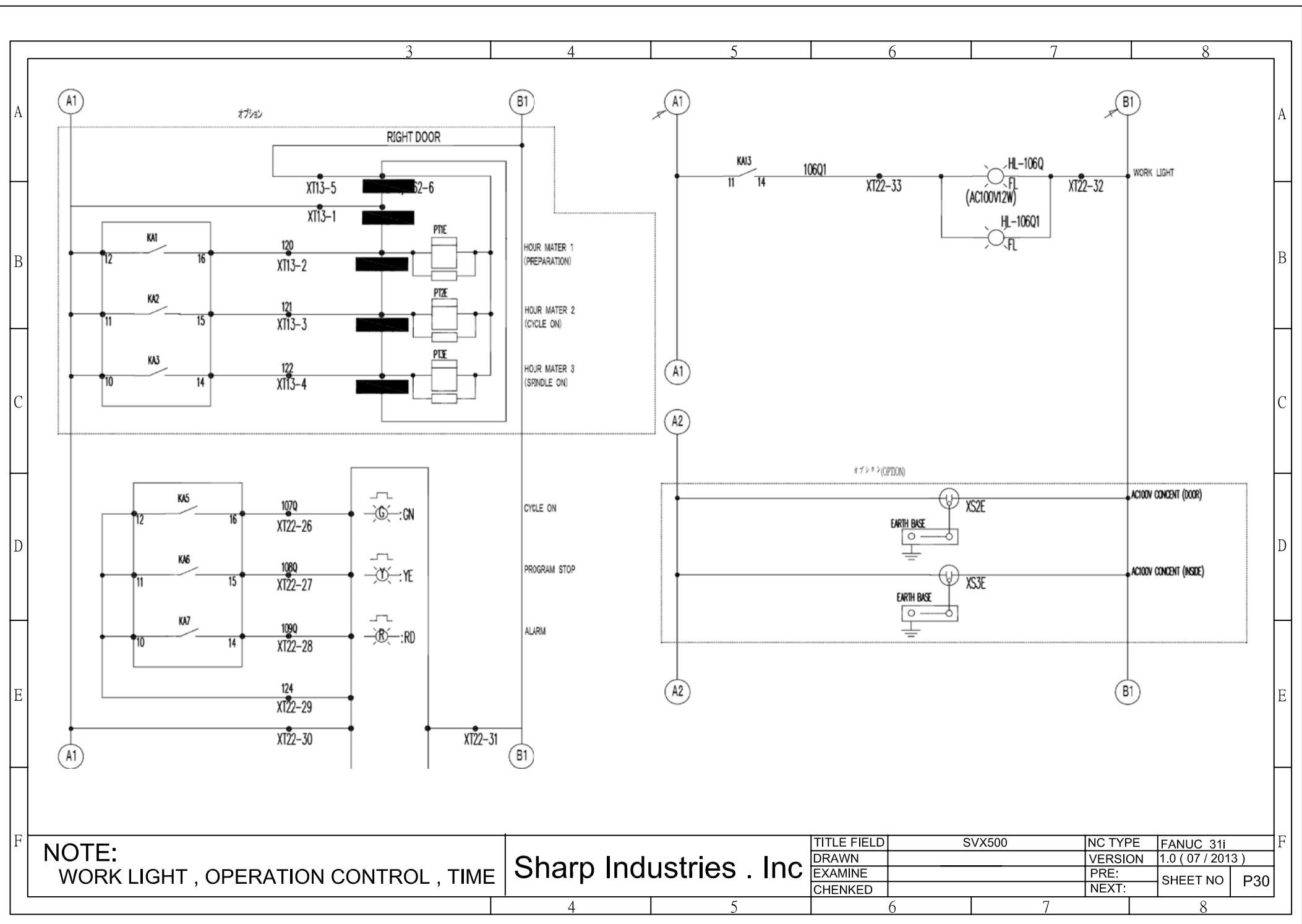
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENCKED		NEXT:	P28

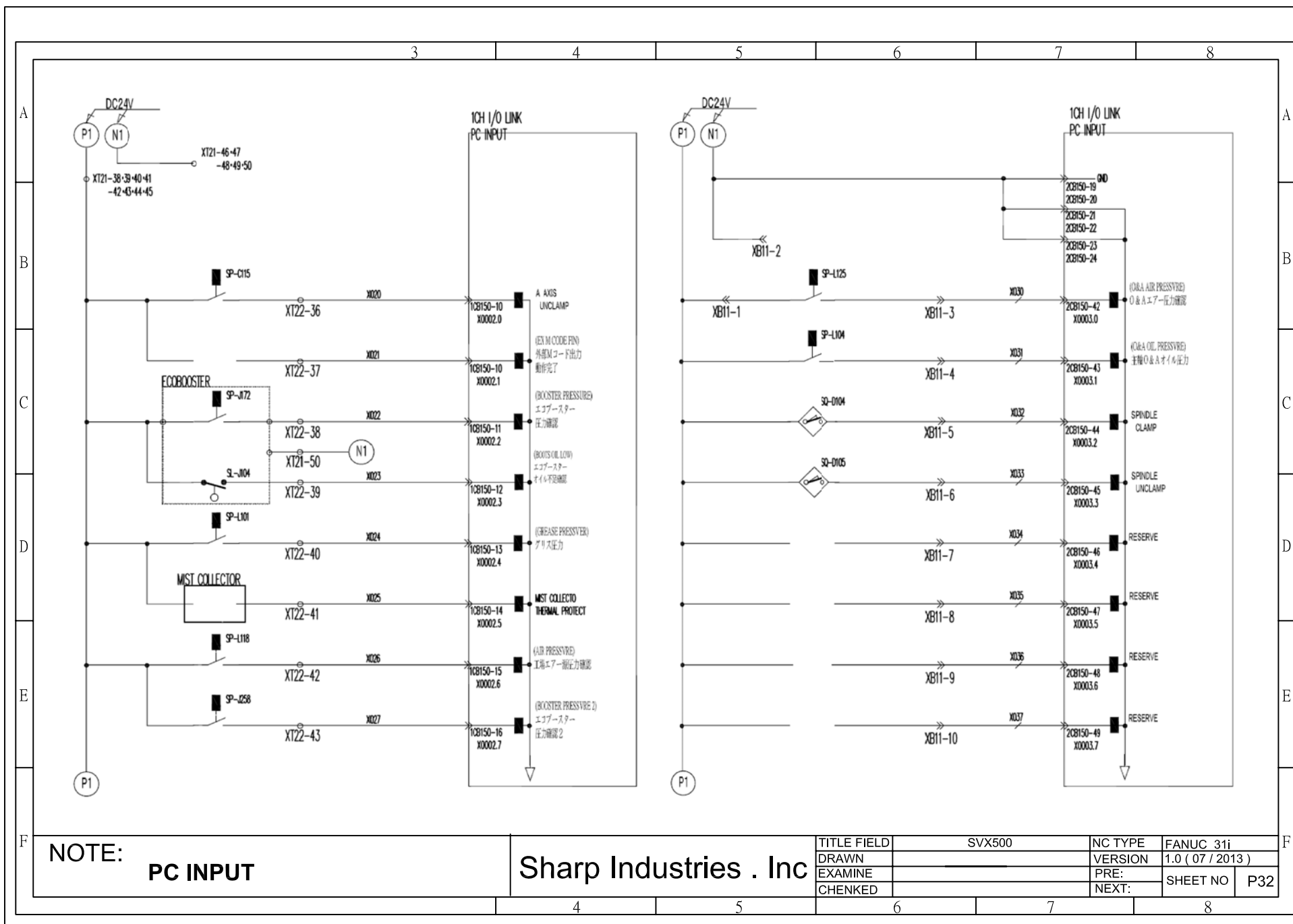


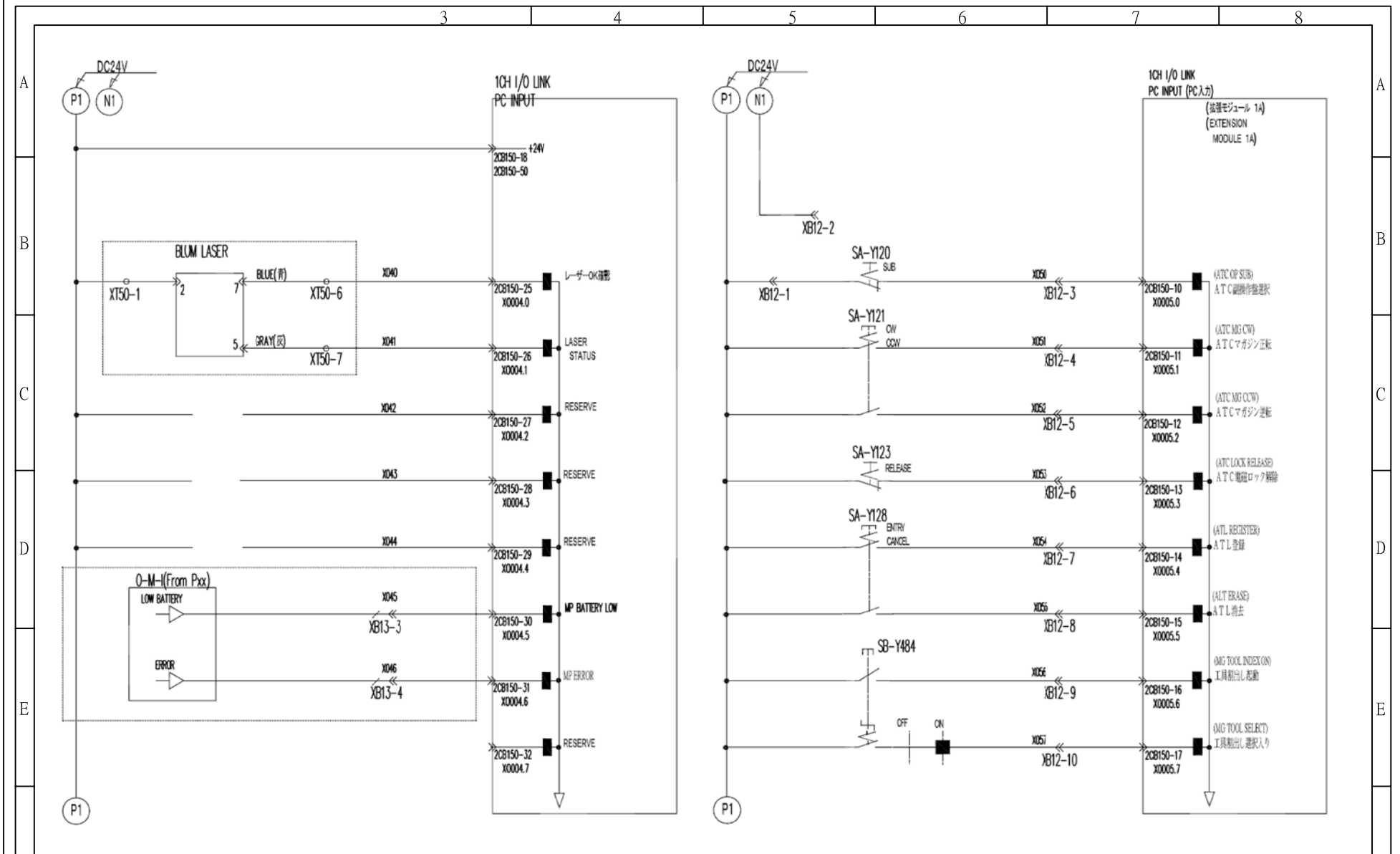
NOTE: POWER CONTROL CIRCUIT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P29



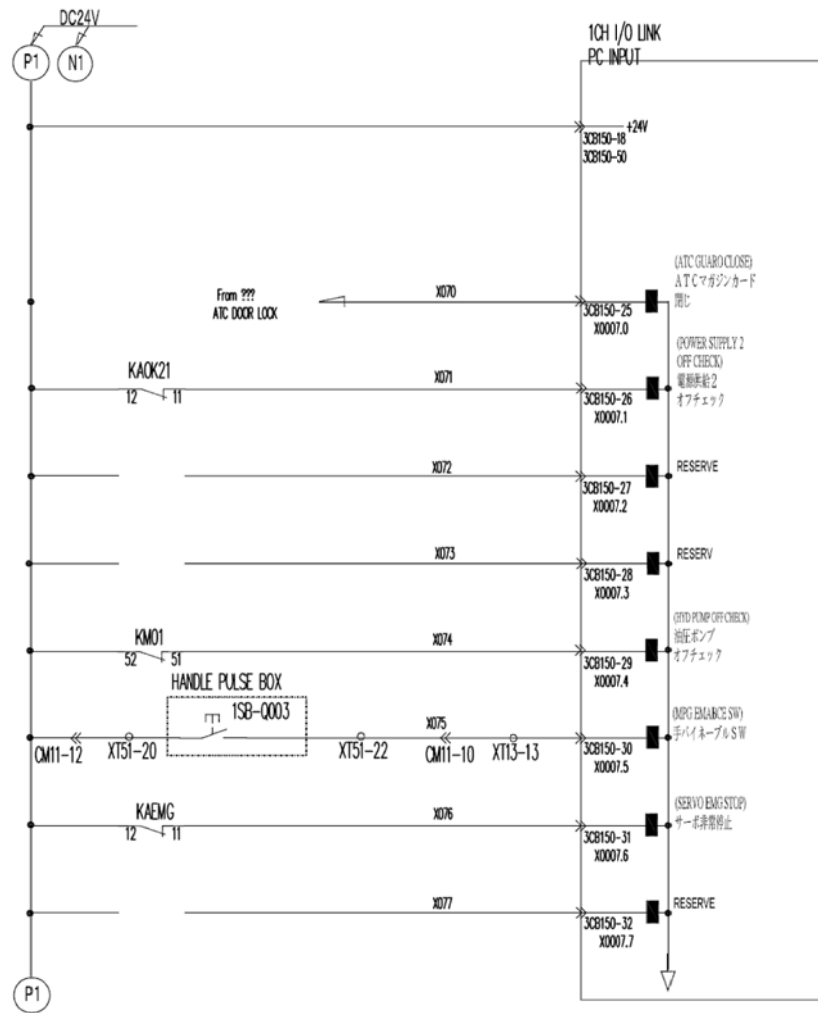
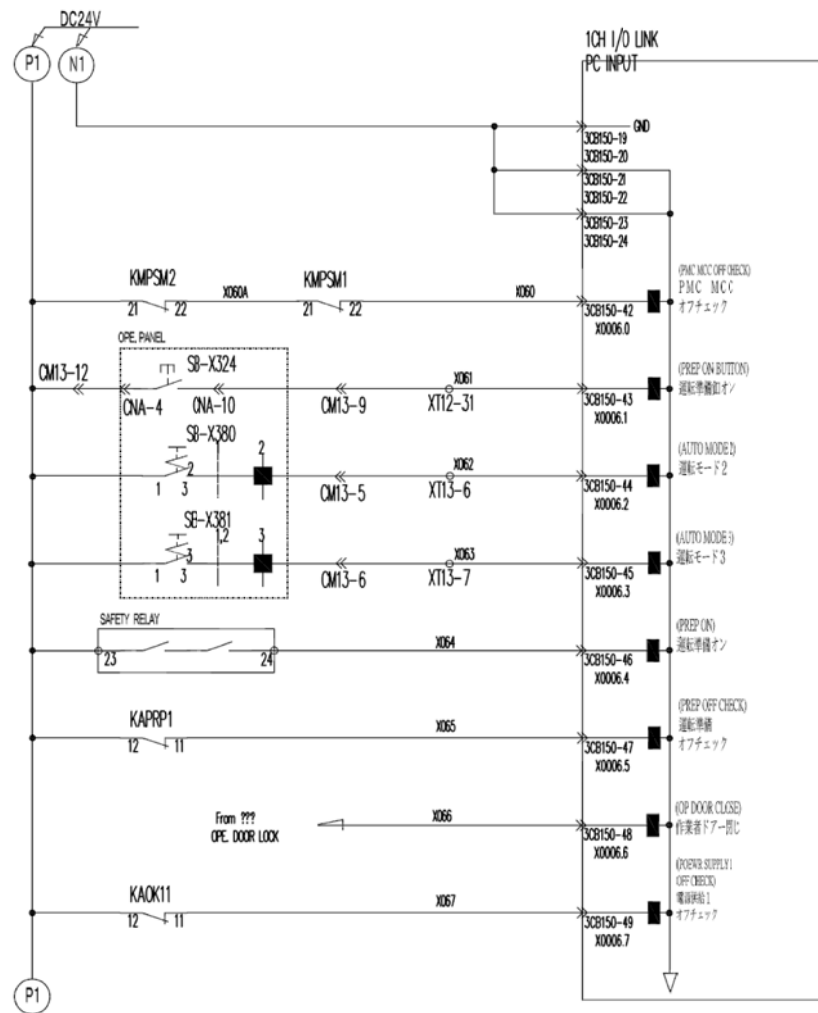




NOTE:
PC INPUT

Sharp Industries . Inc

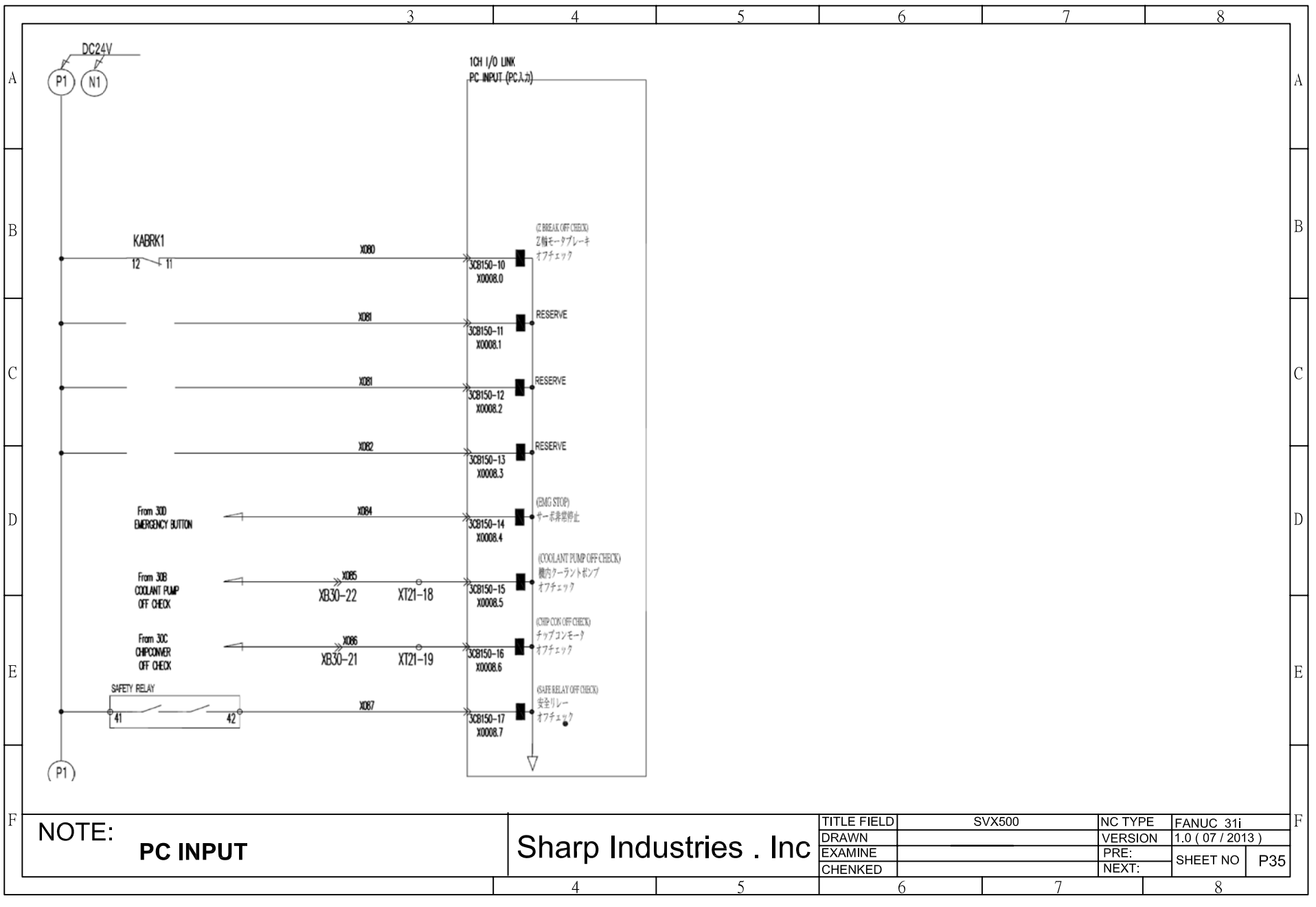
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P33

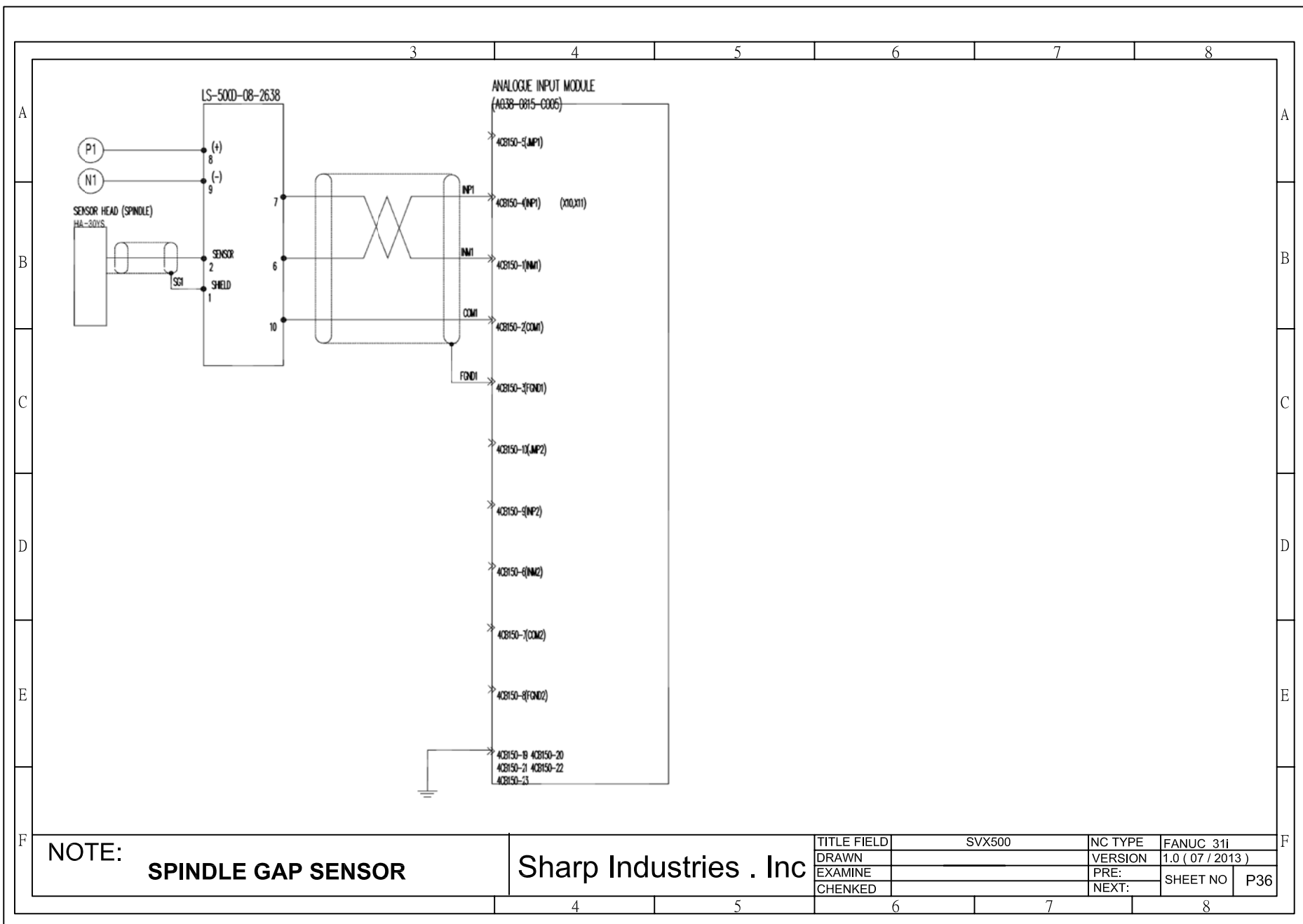


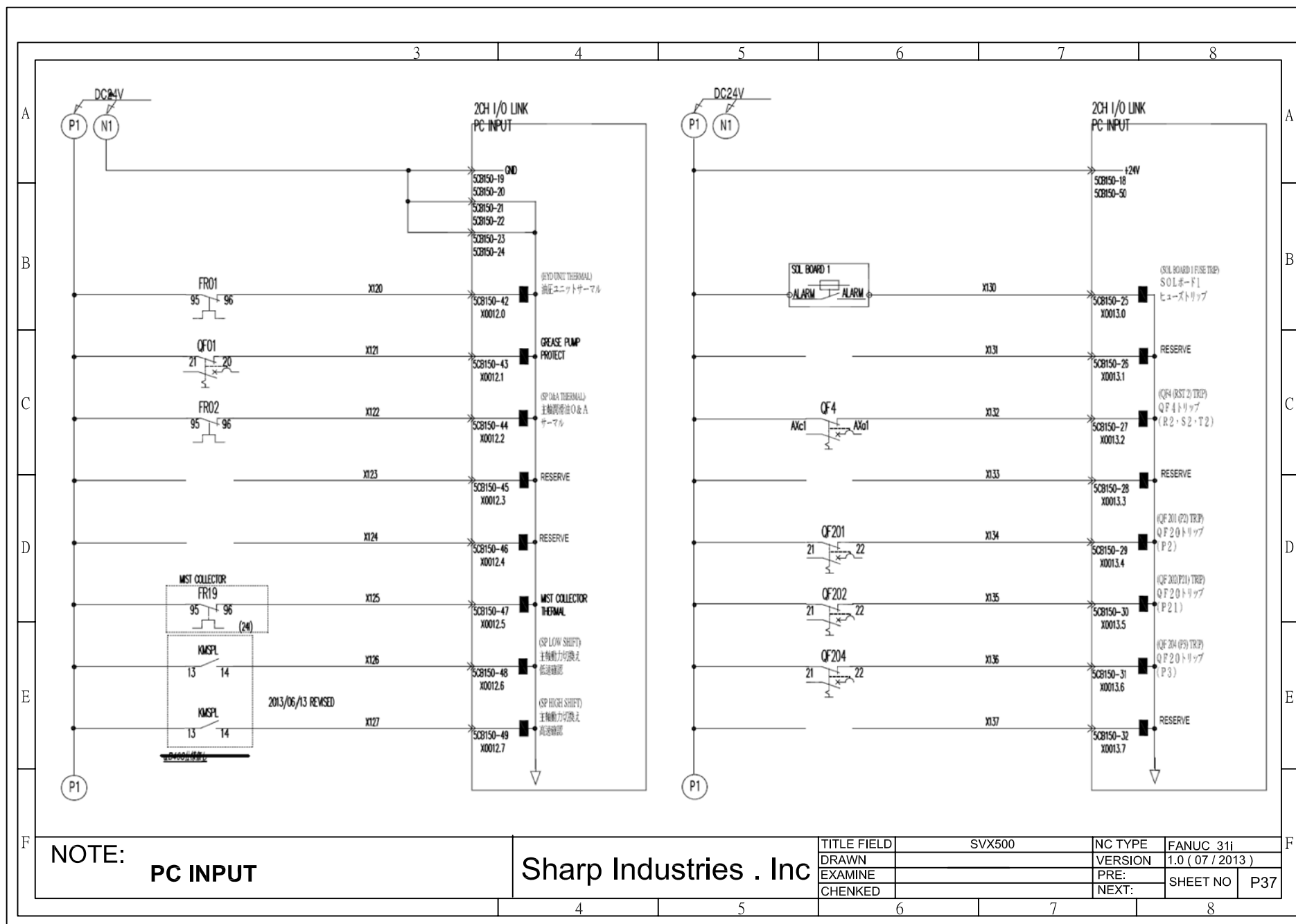
NOTE:
PC INPUT

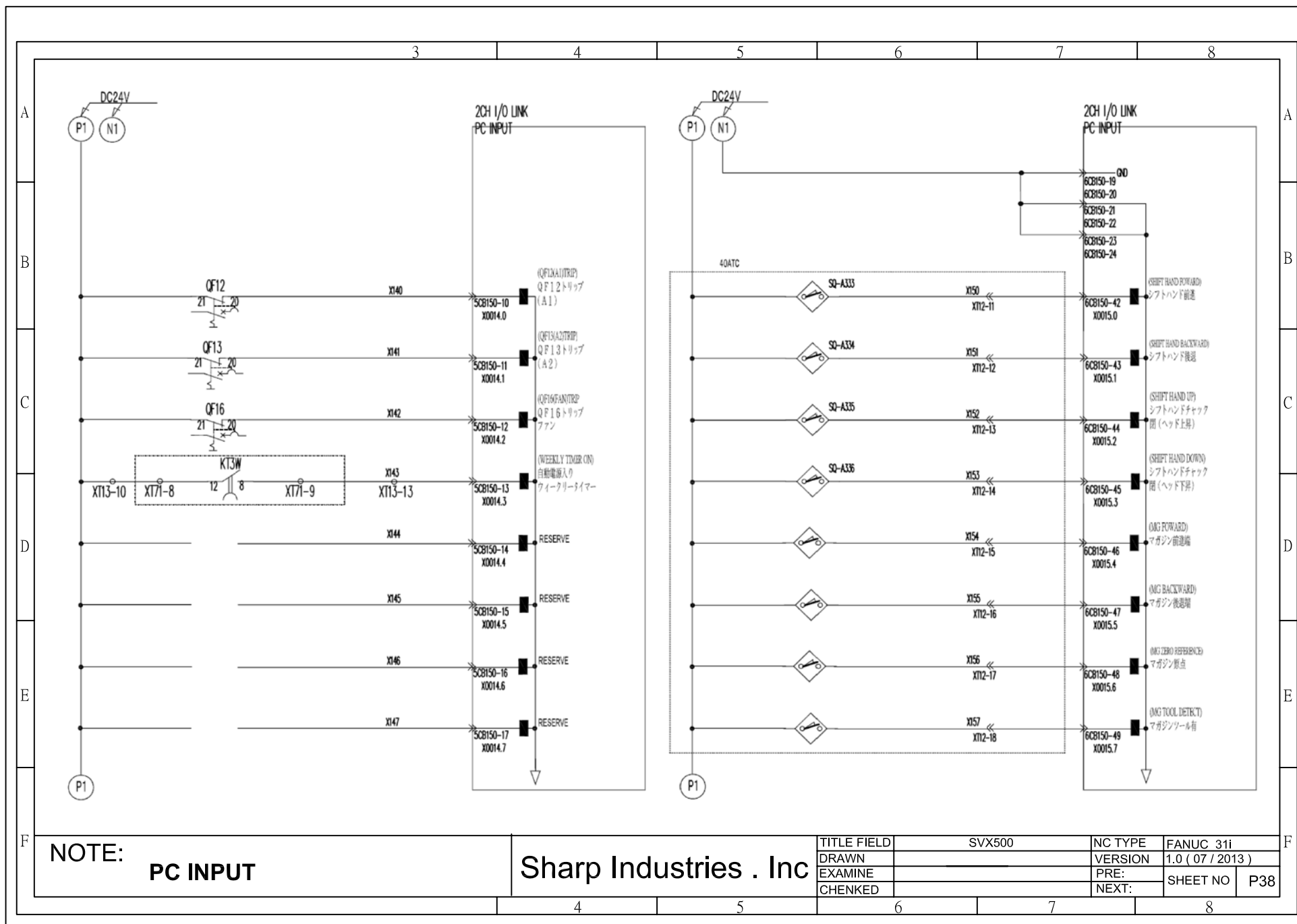
Sharp Industries . Inc

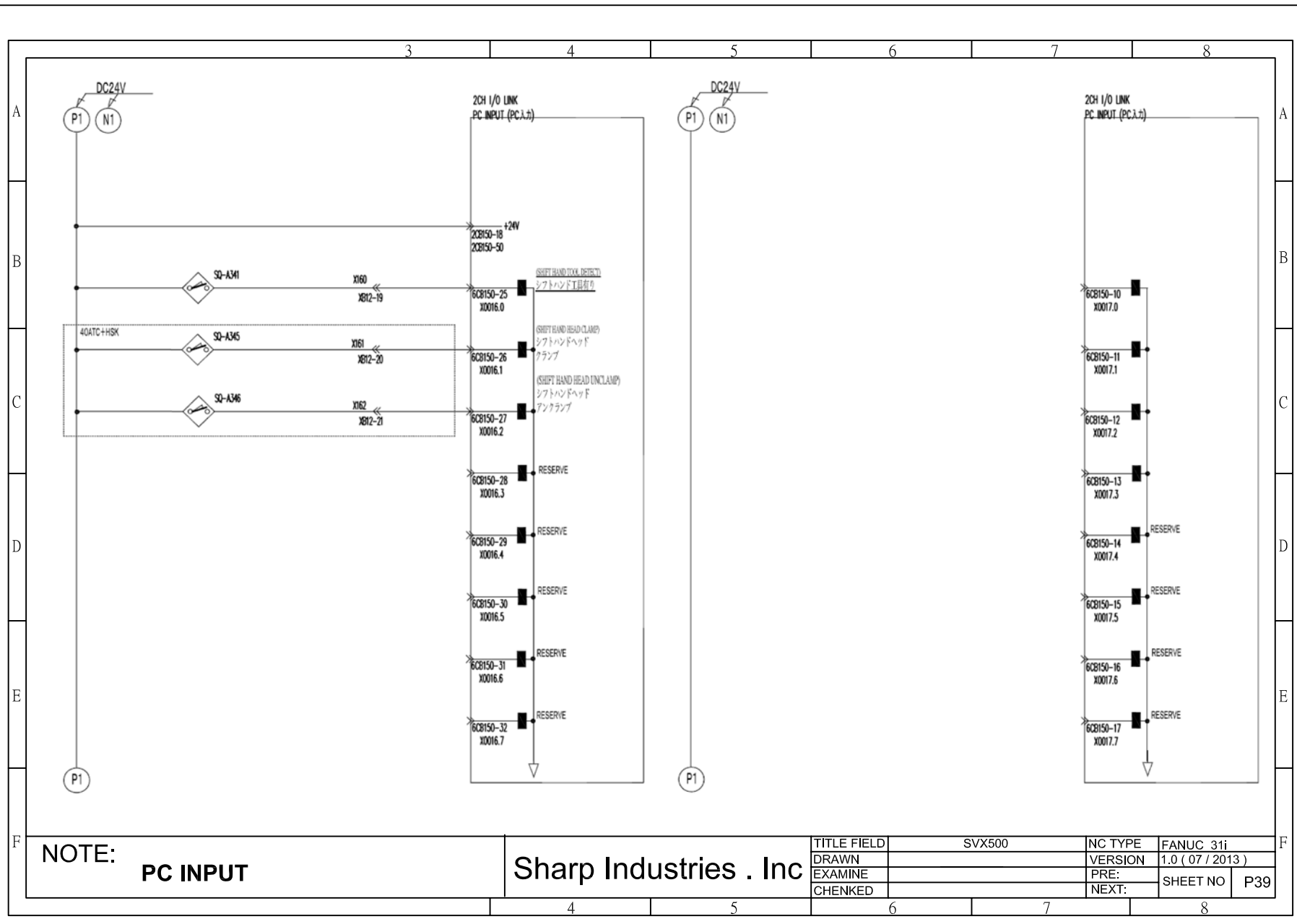
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENKED		NEXT:	
		SHEET NO	P34

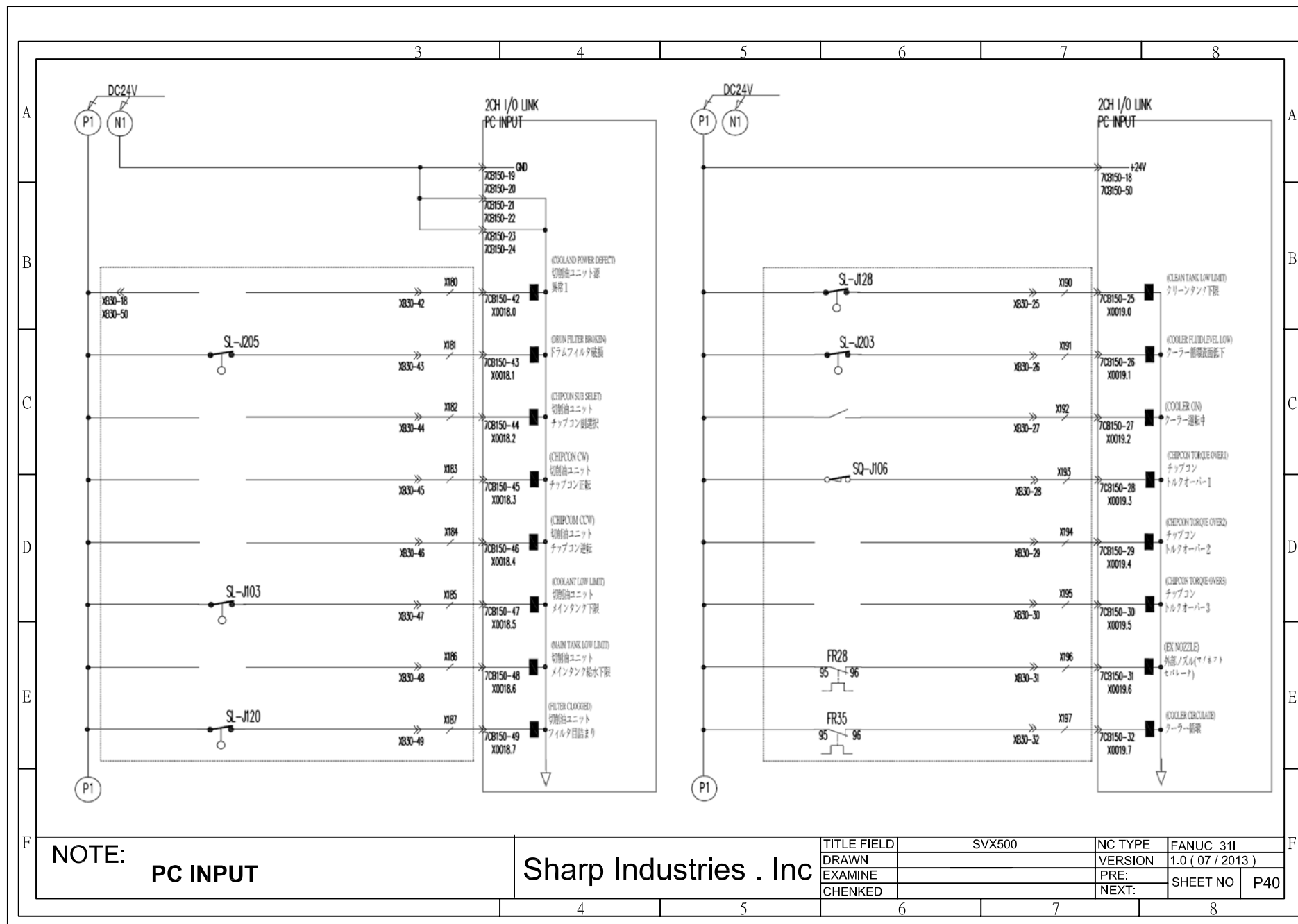


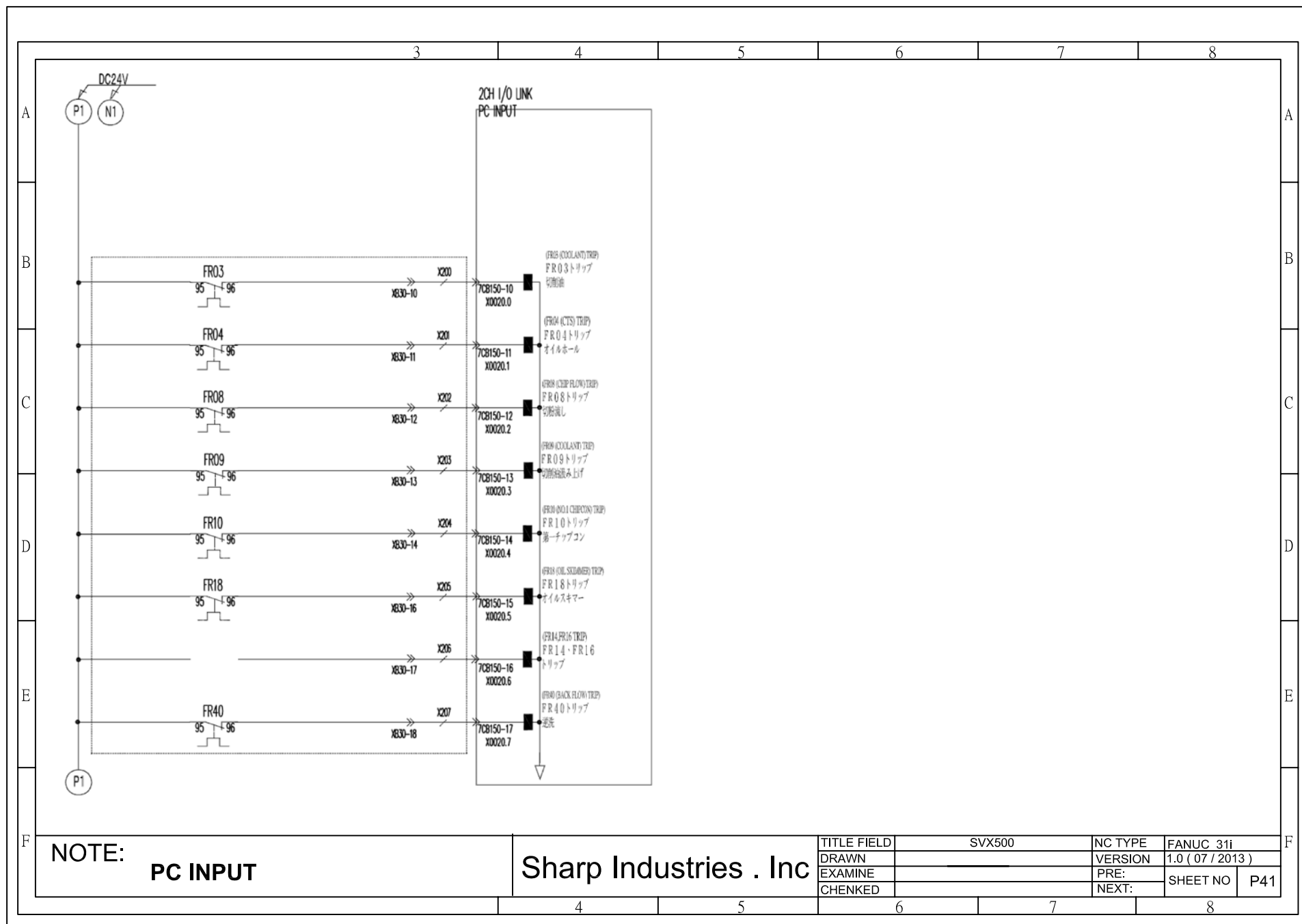


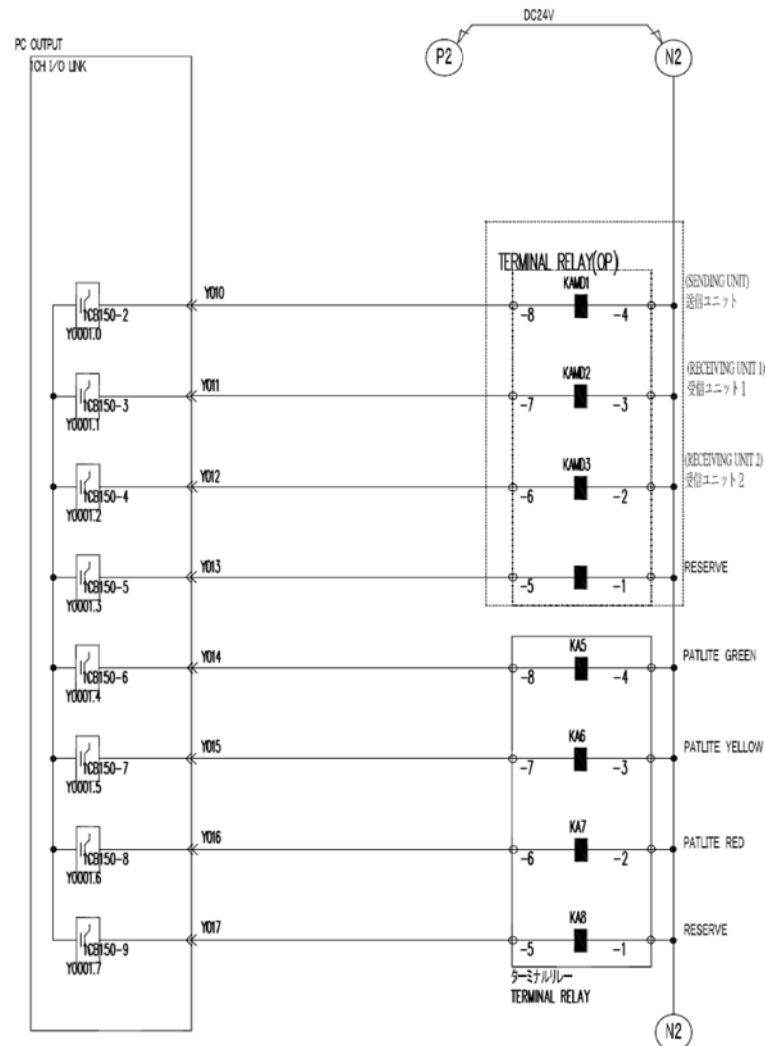
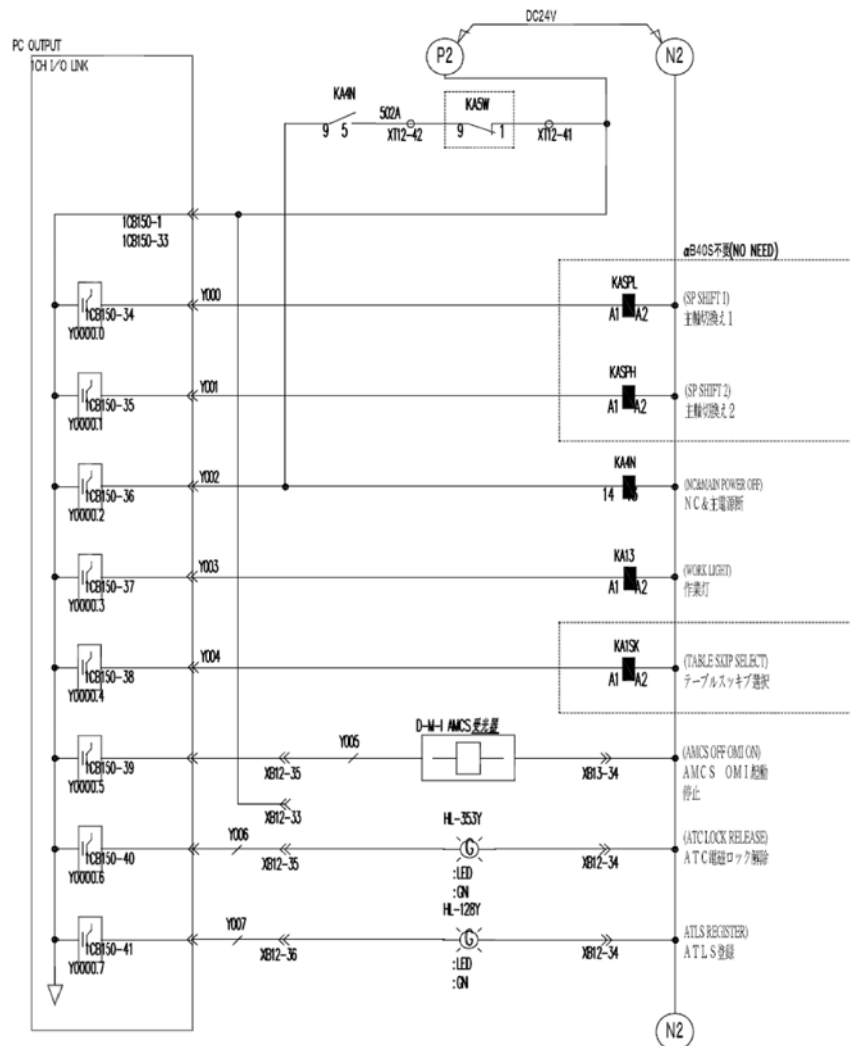








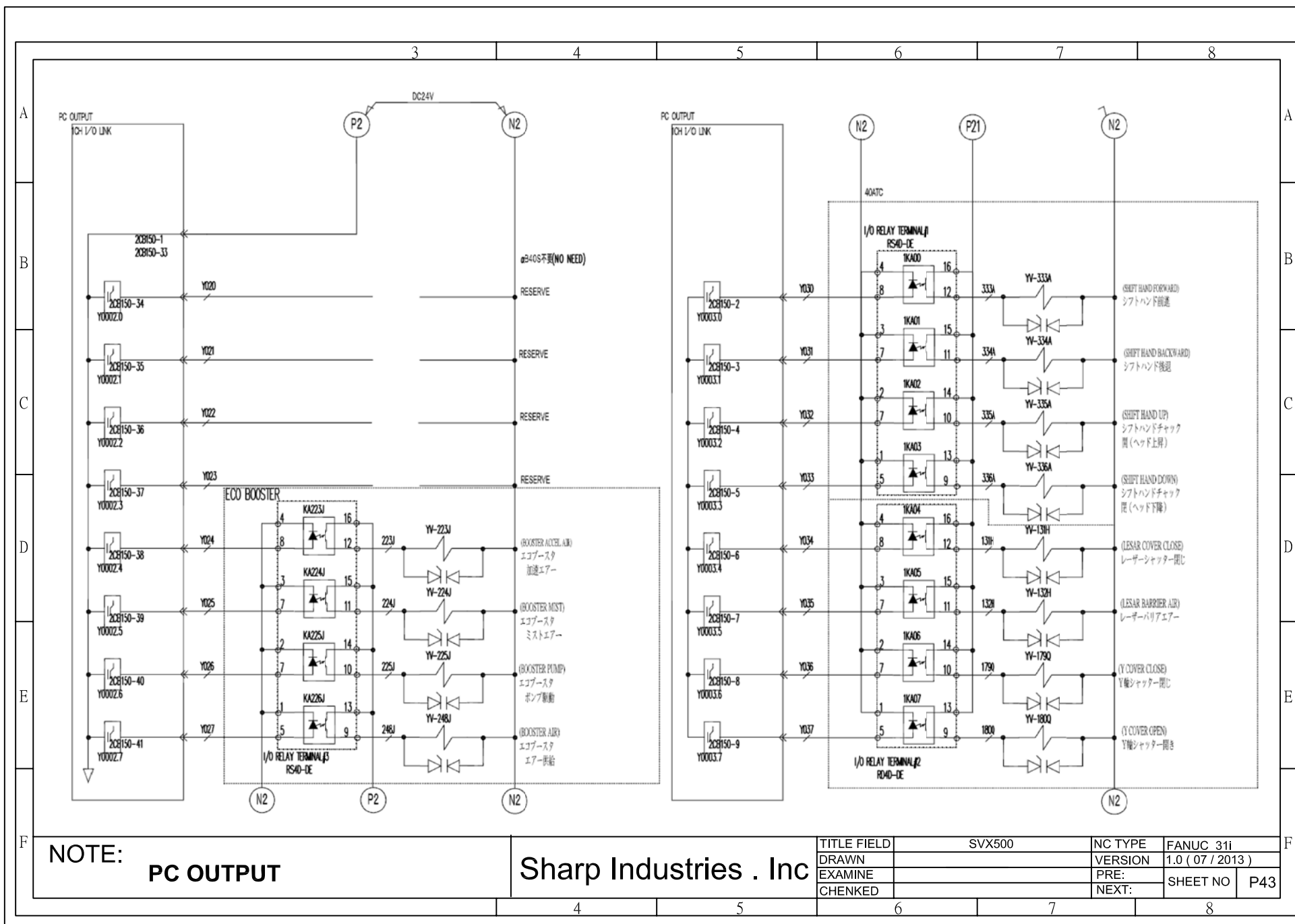


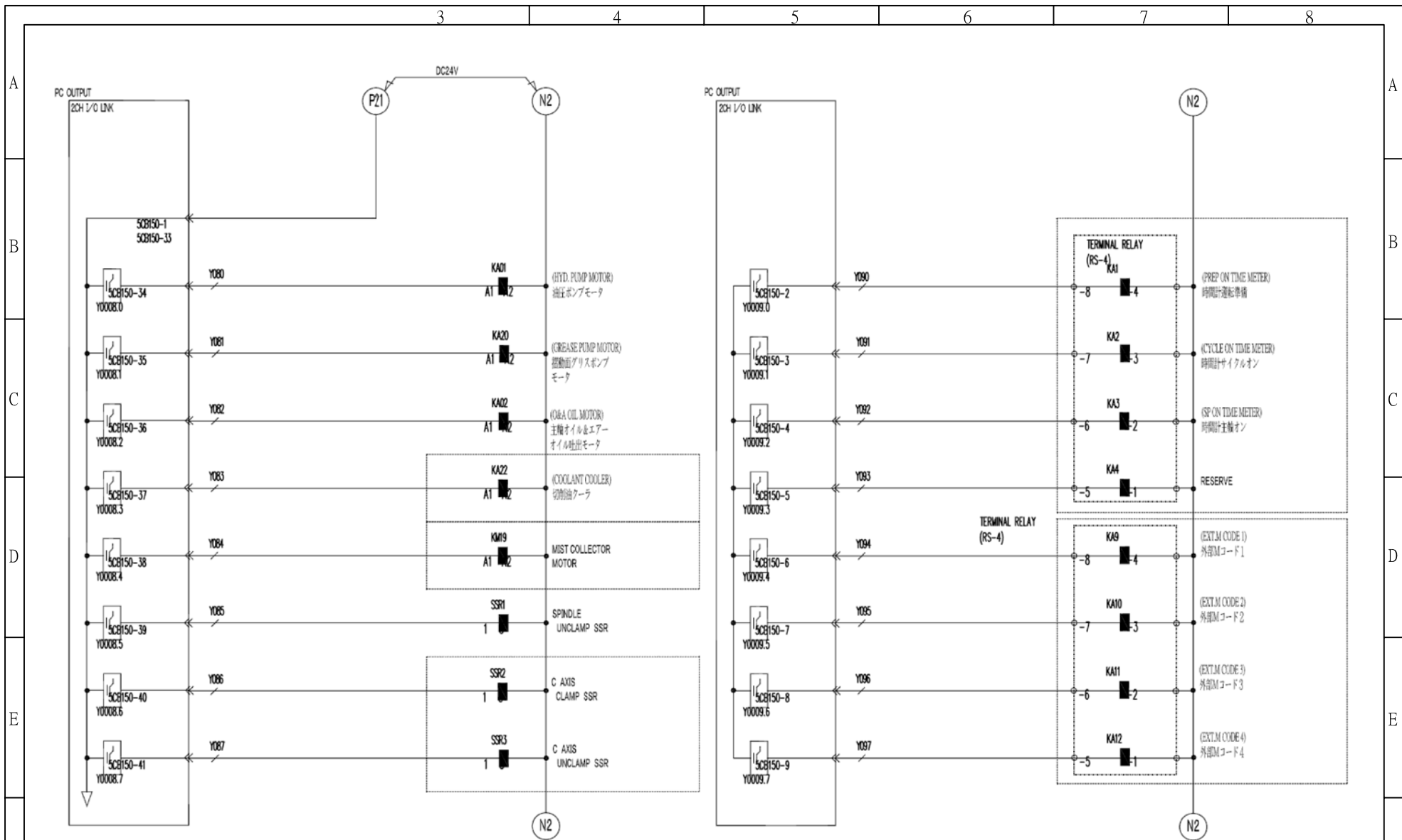


NOTE: PC OUTPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENKED		NEXT:	
		SHEET NO	P42



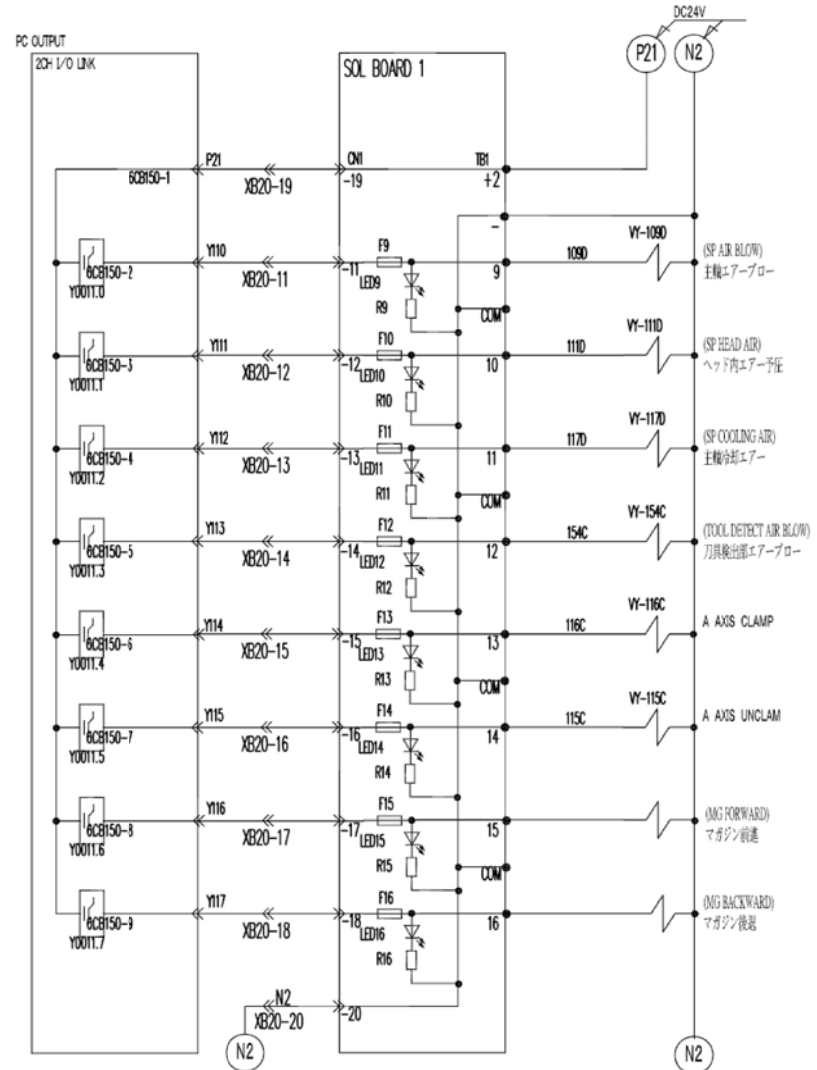
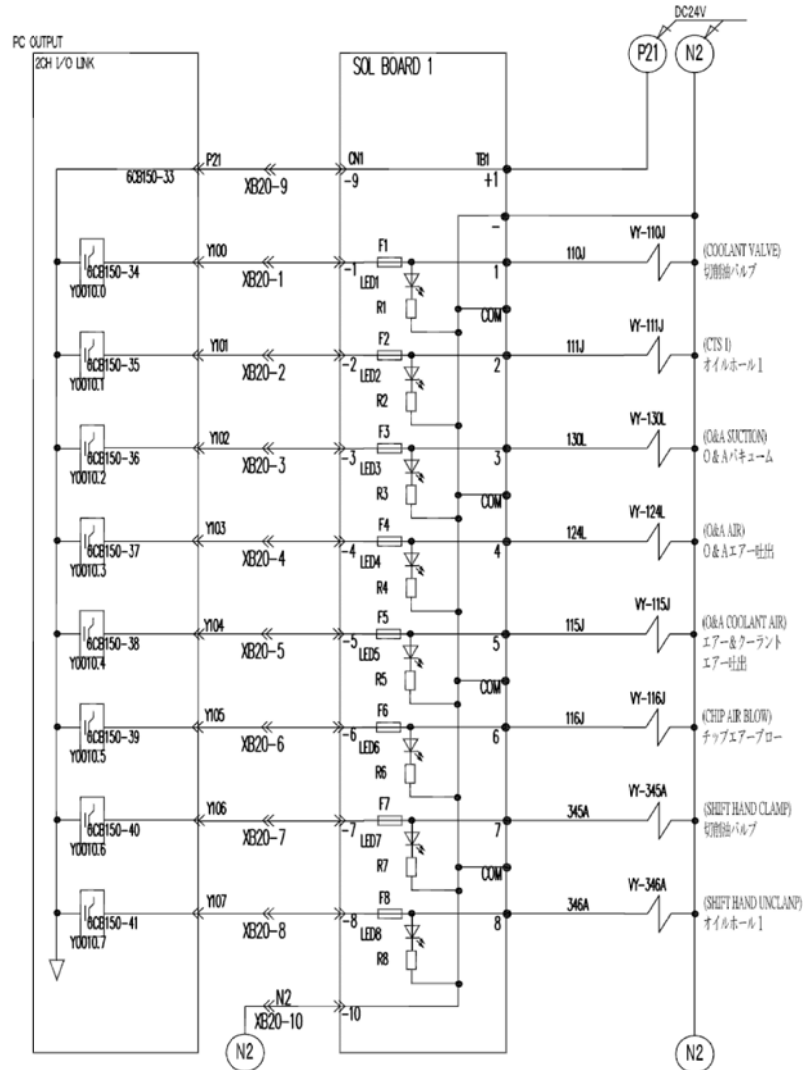


NOTE:

PC OUT (MS RELAY OUTPUT)

Sharp Industries . Inc

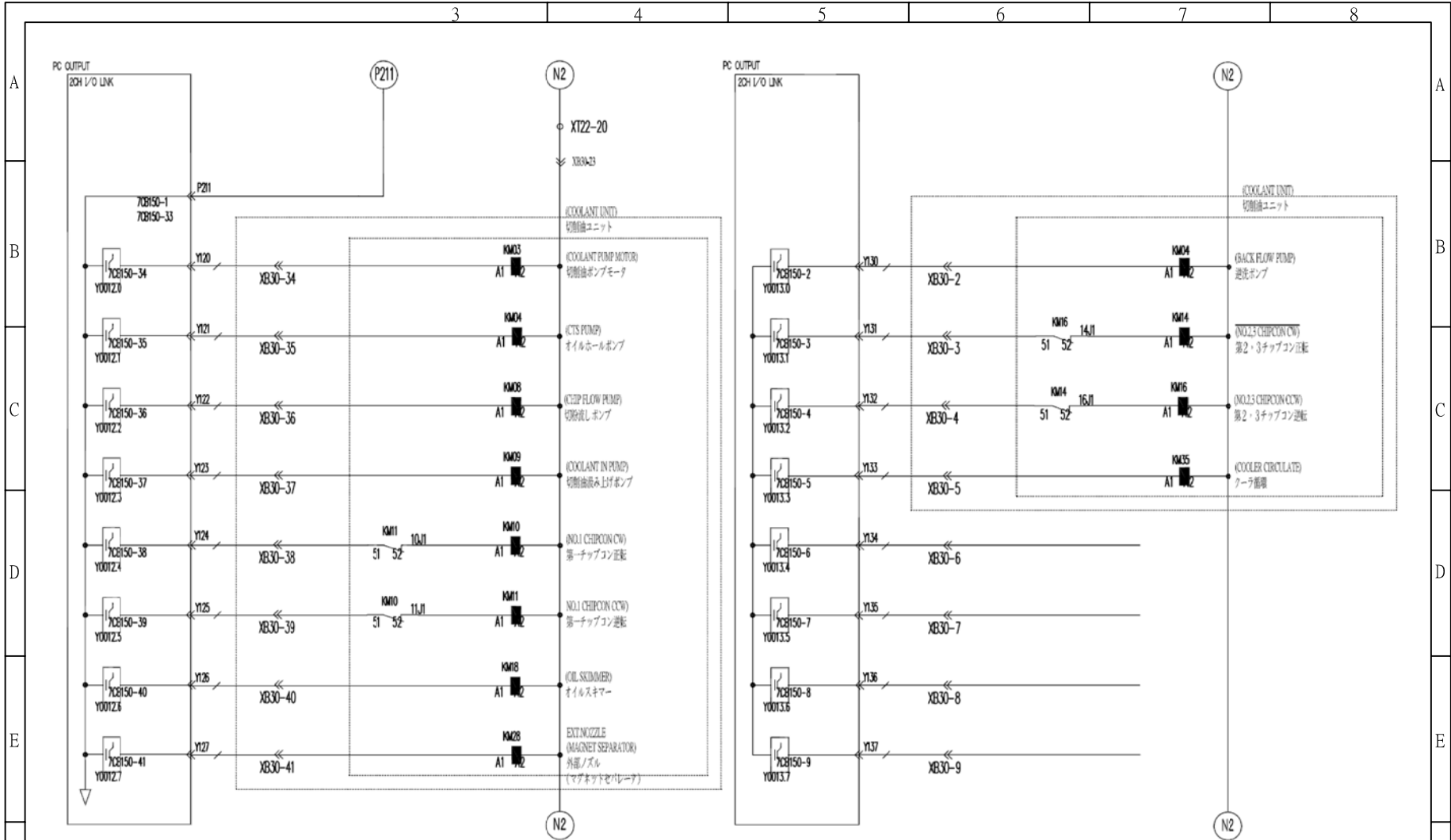
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	
CHENKED		NEXT:	
		SHEET NO	P45



NOTE: PC OUTPUT (SOL BOARD1)

Sharp Industries . Inc

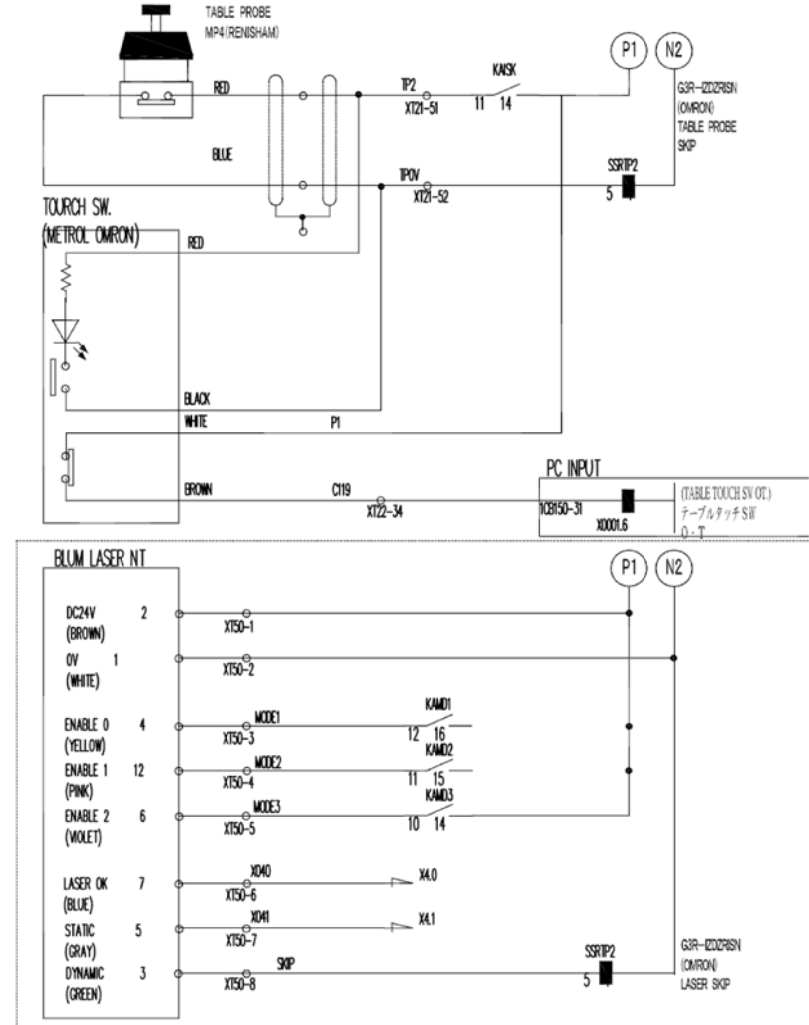
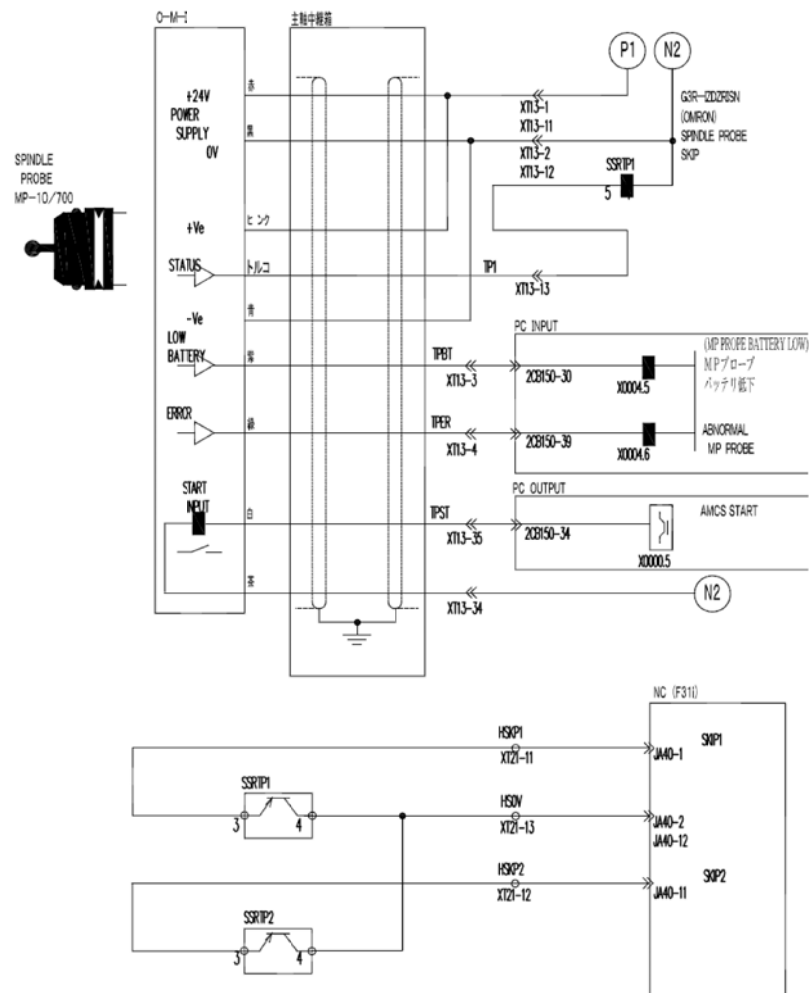
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P46



NOTE: PC OUTPUT

Sharp Industries . Inc

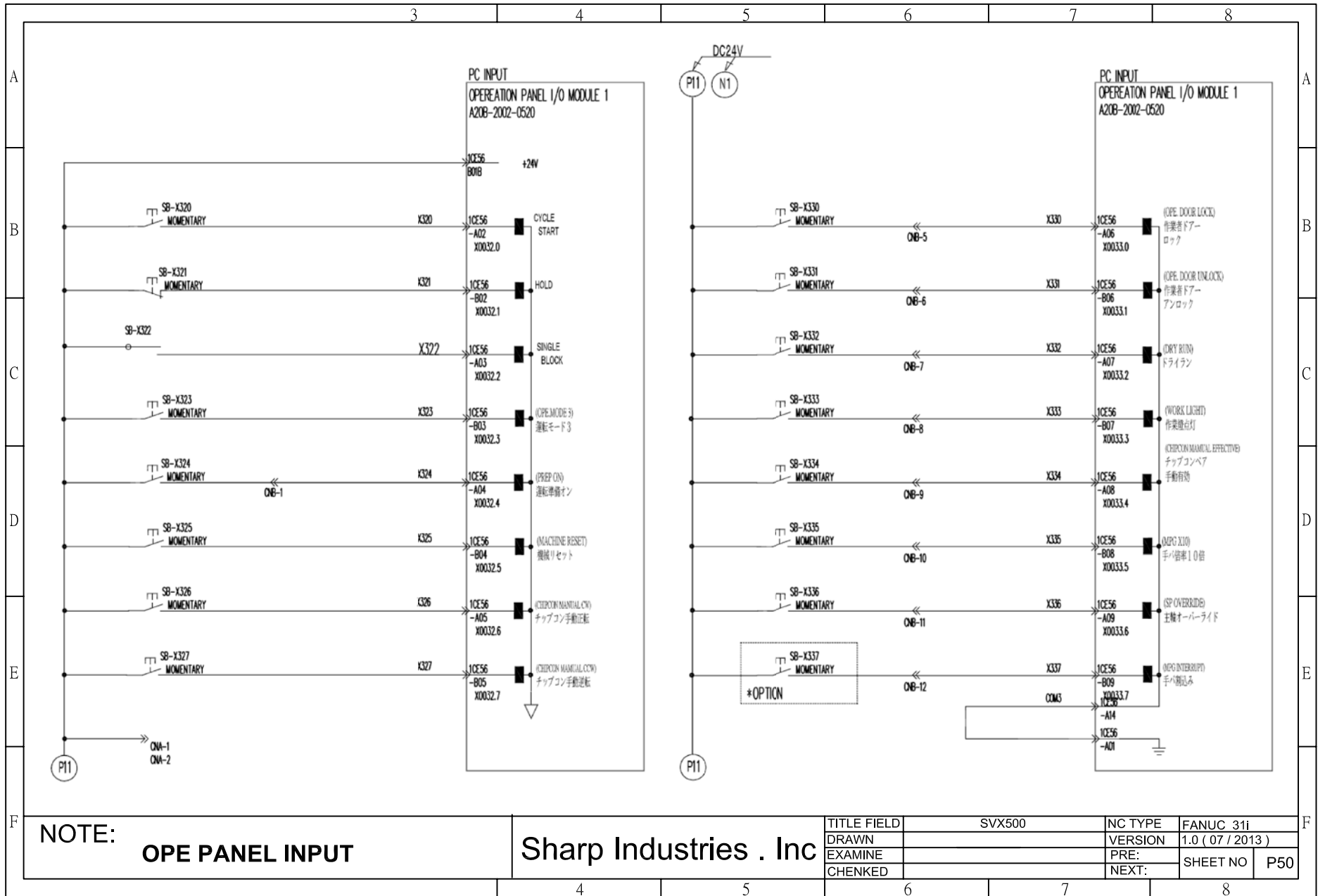
TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P47

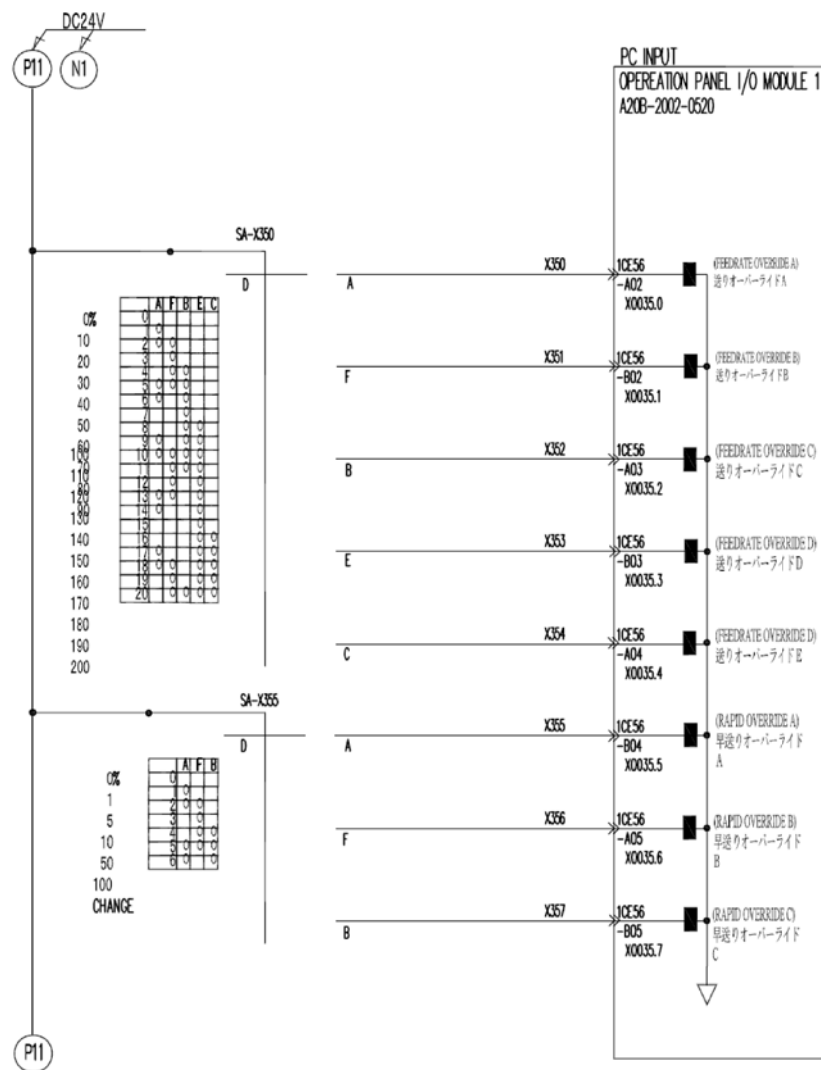
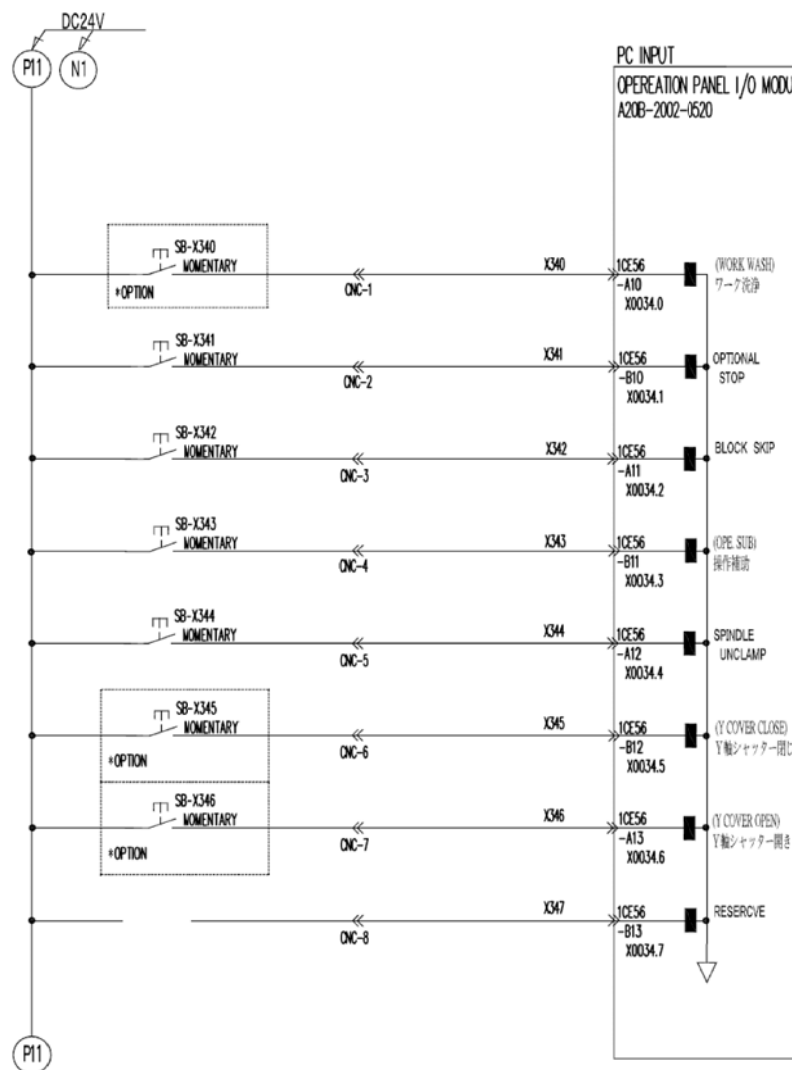


NOTE: AMCS TH2S

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 311
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P48

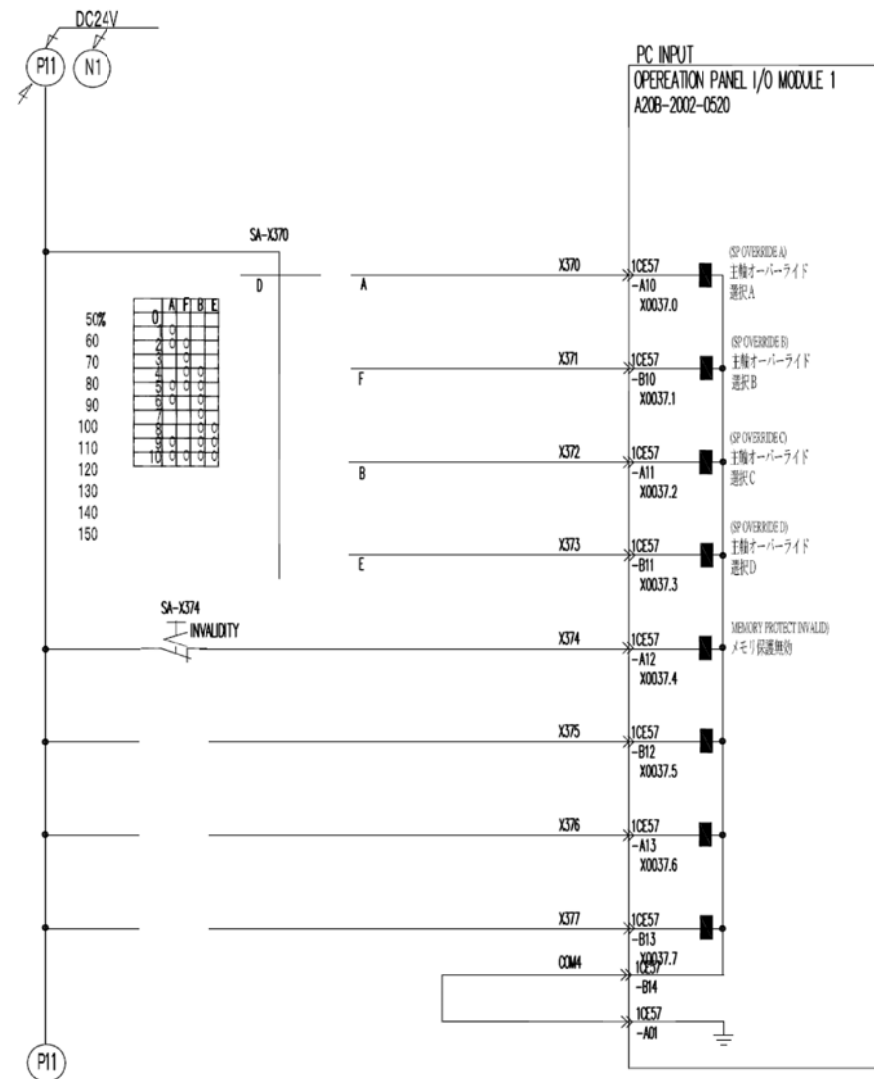
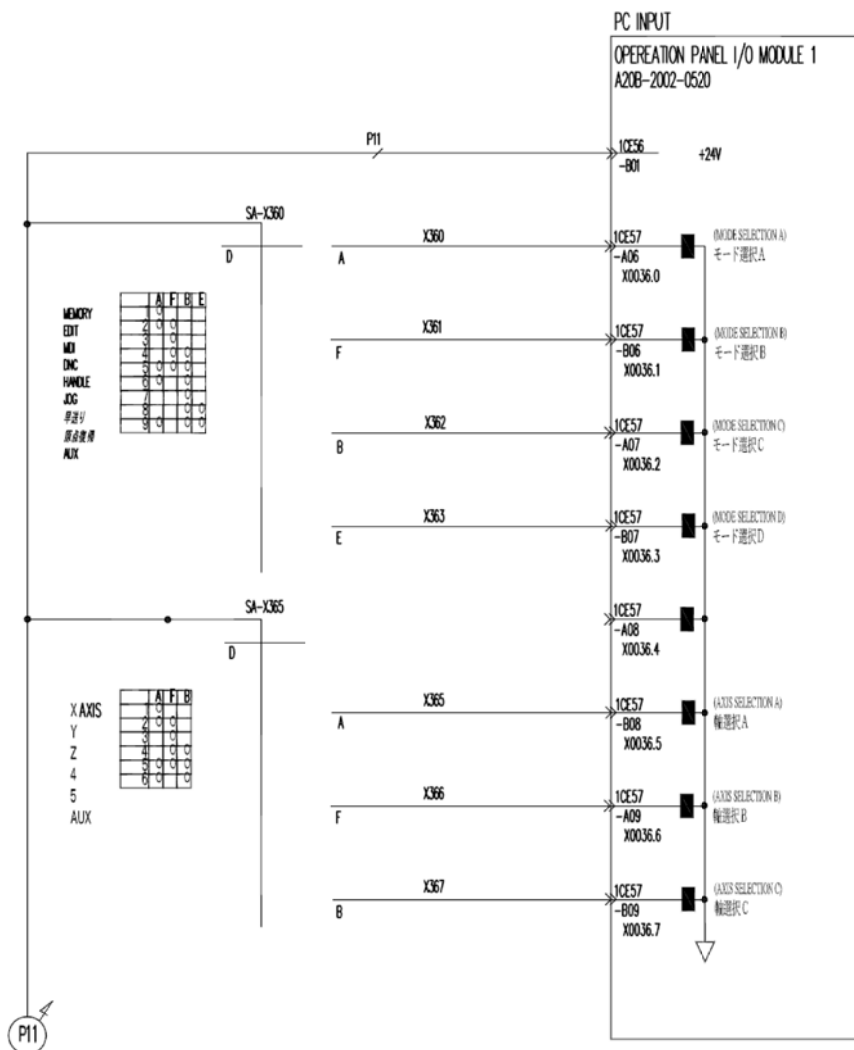




NOTE:
OPE PANEL INPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P51

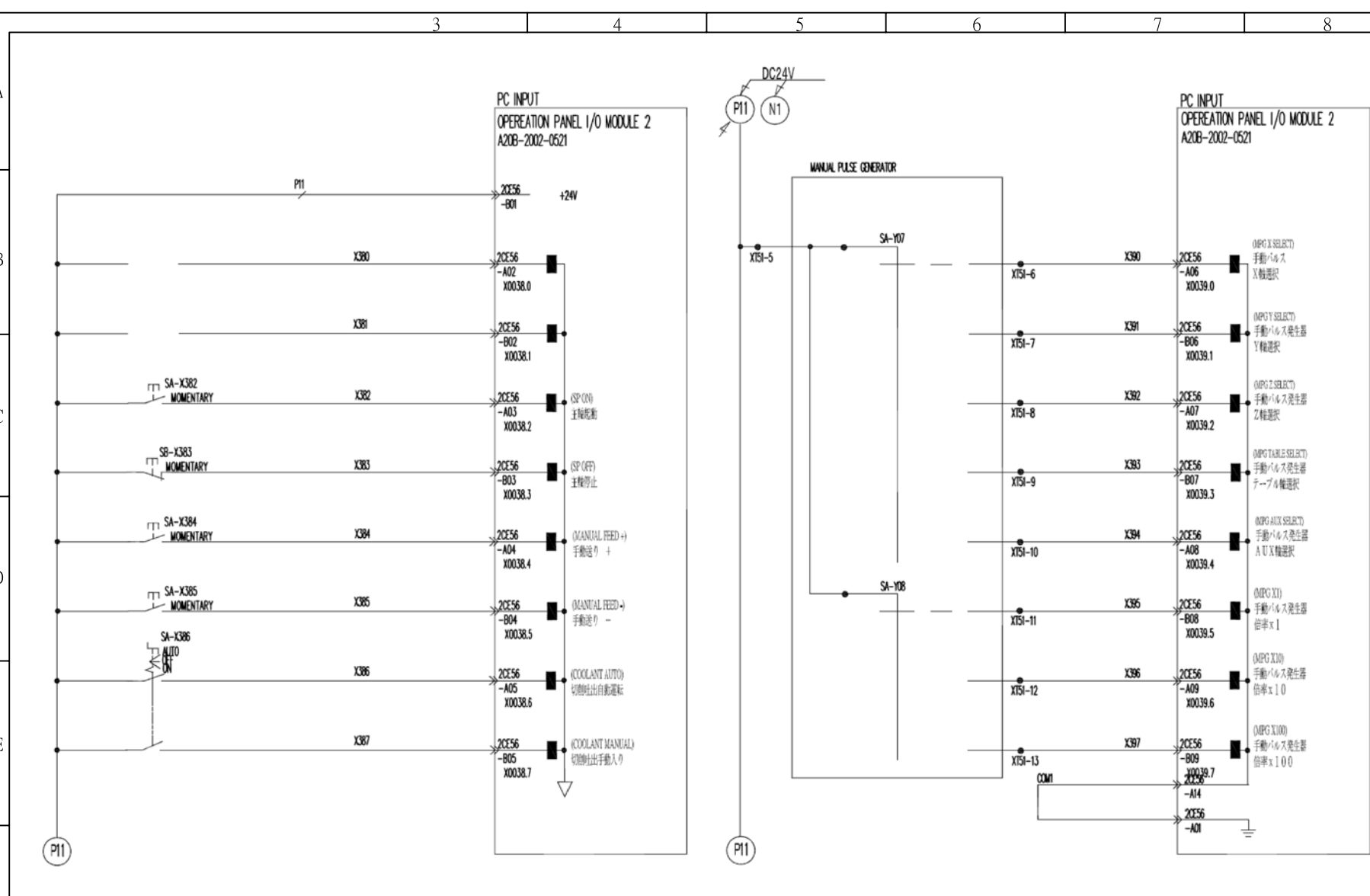


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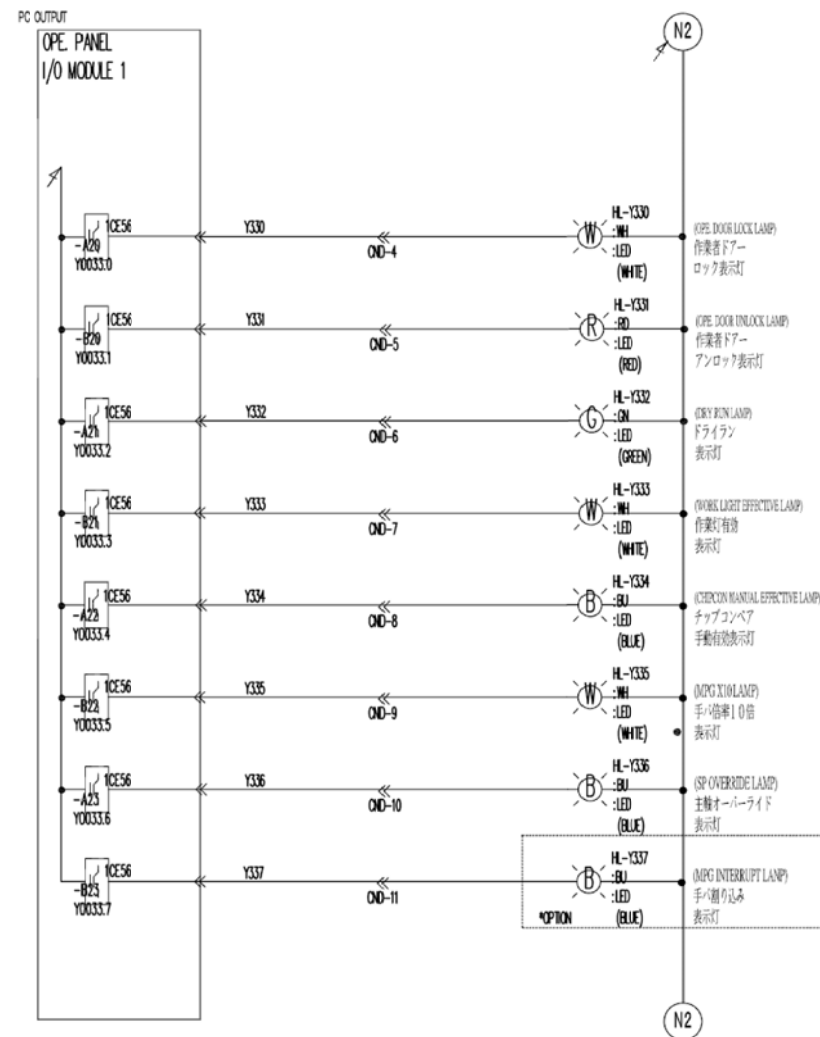
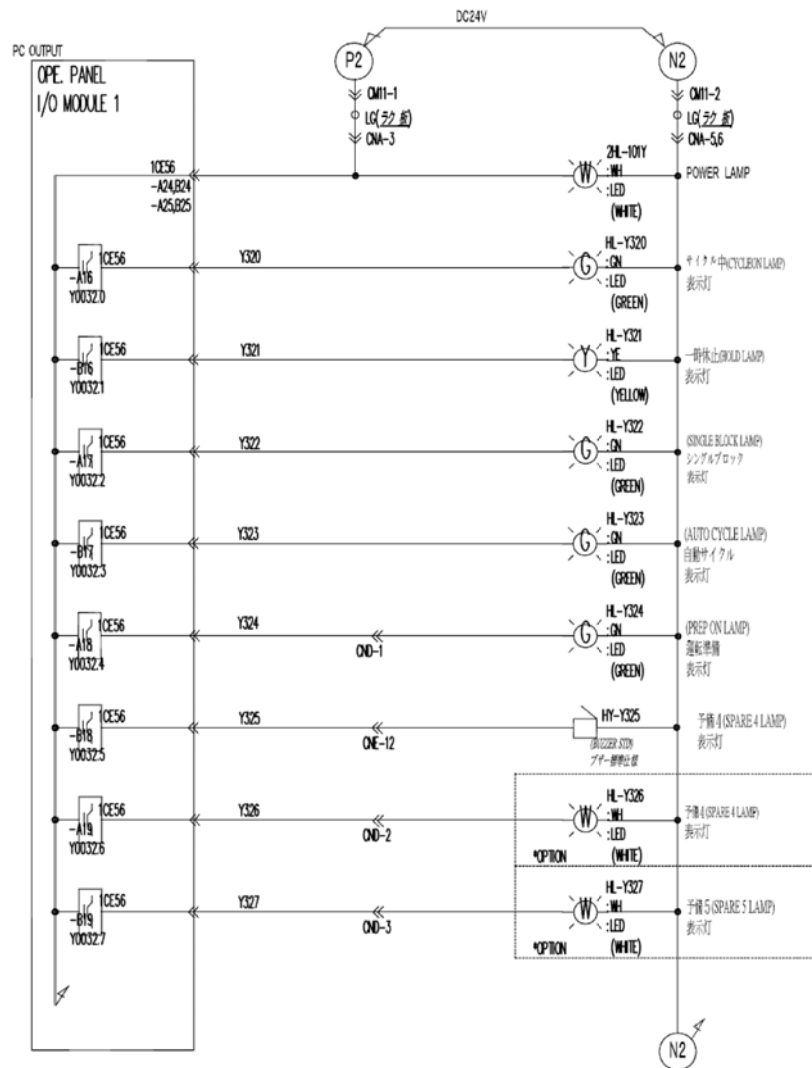
OP E PANEL INPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENCKED		NEXT:	P52



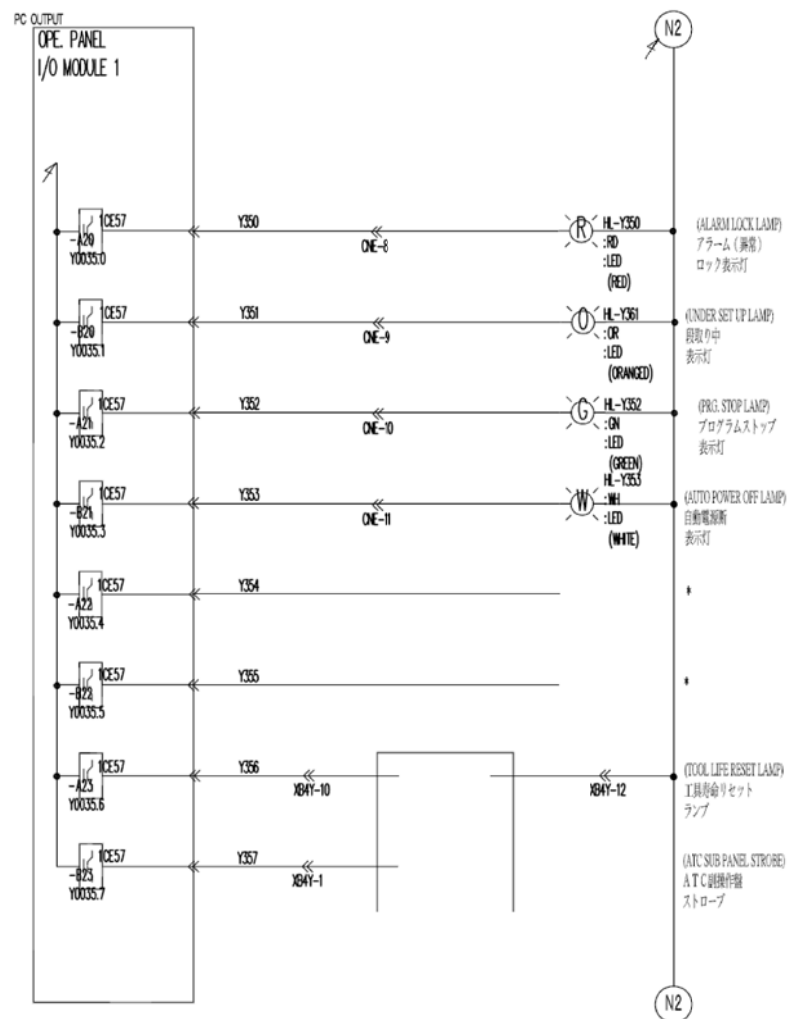
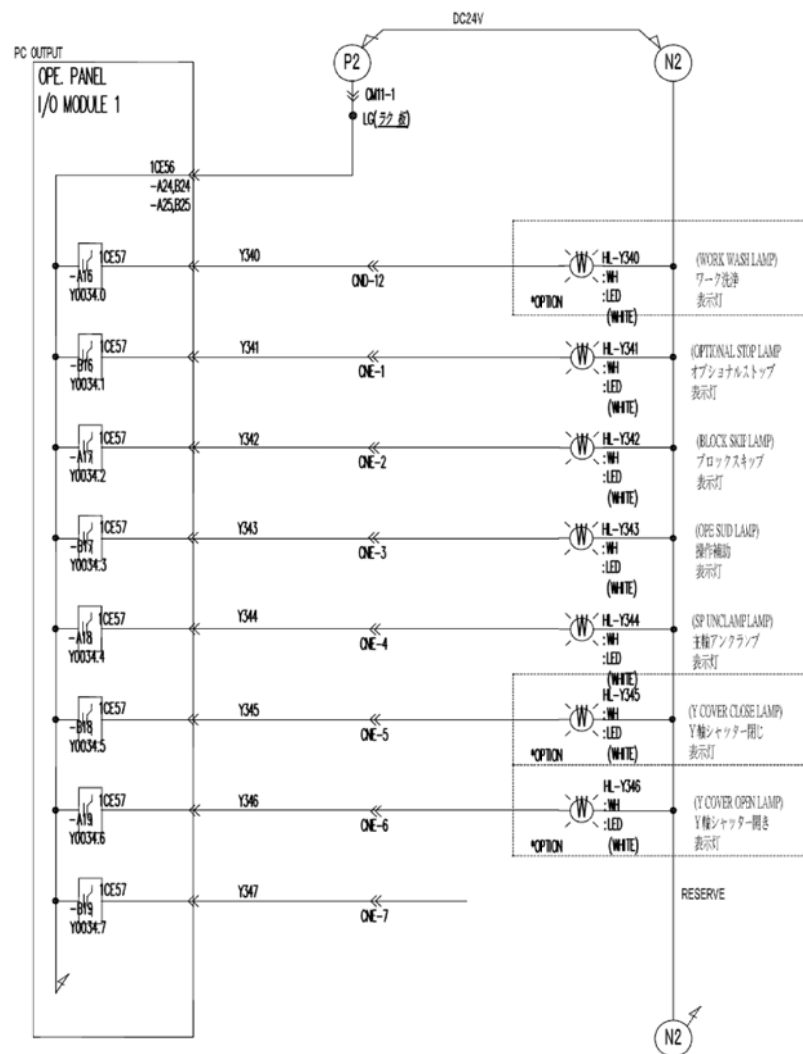
NOTE: OPE PANEL INPUT	Sharp Industries . Inc		TITLE FIELD	SVX500	NC TYPE	FANUC 311	
			DRAWN		VERSION	1.0 (07 / 2013)	
			EXAMINE		PRE:	SHEET NO	P53
			CHENKED		NEXT:		



NOTE:
OPE PANEL INPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENCKED		NEXT:	P54

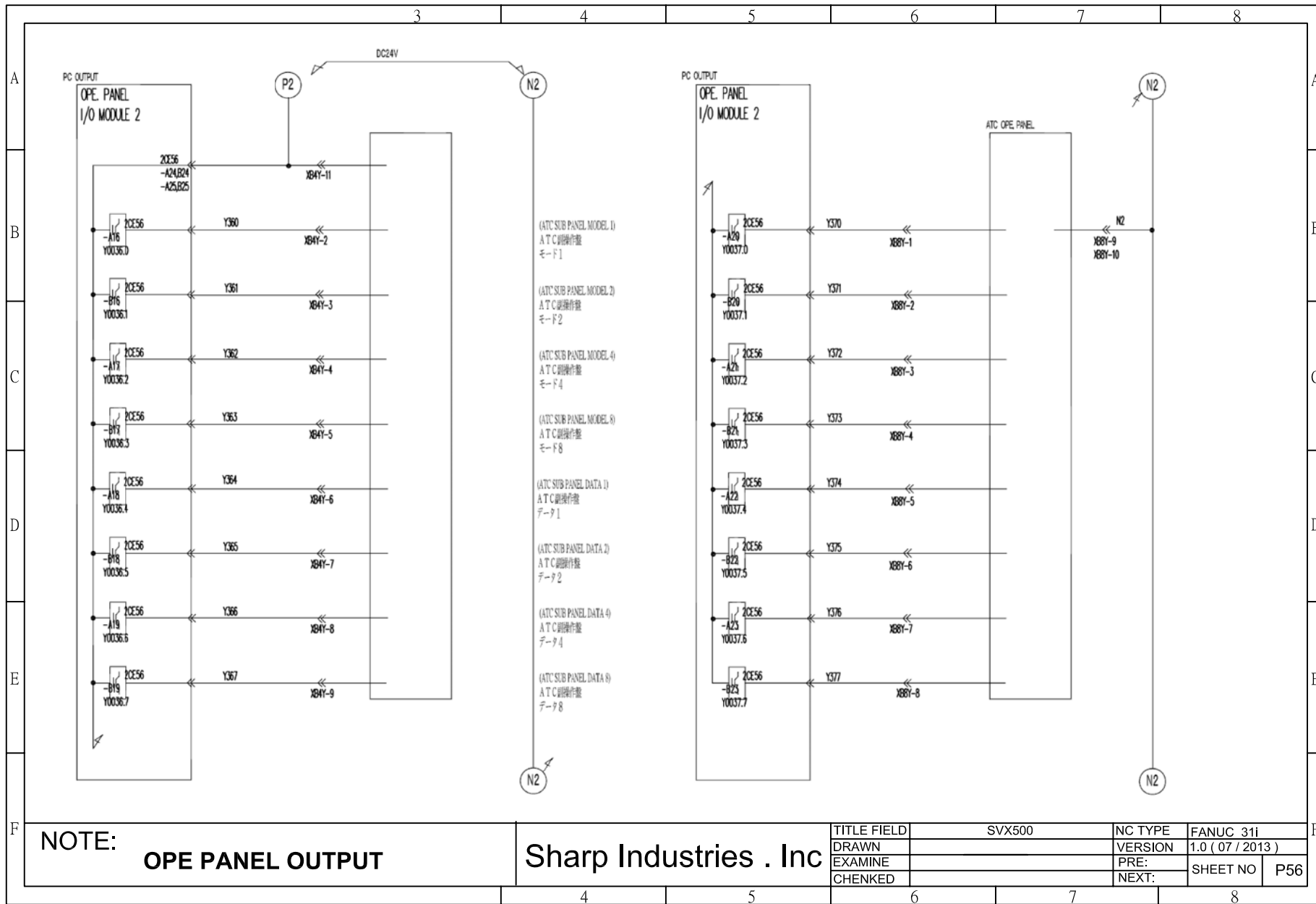


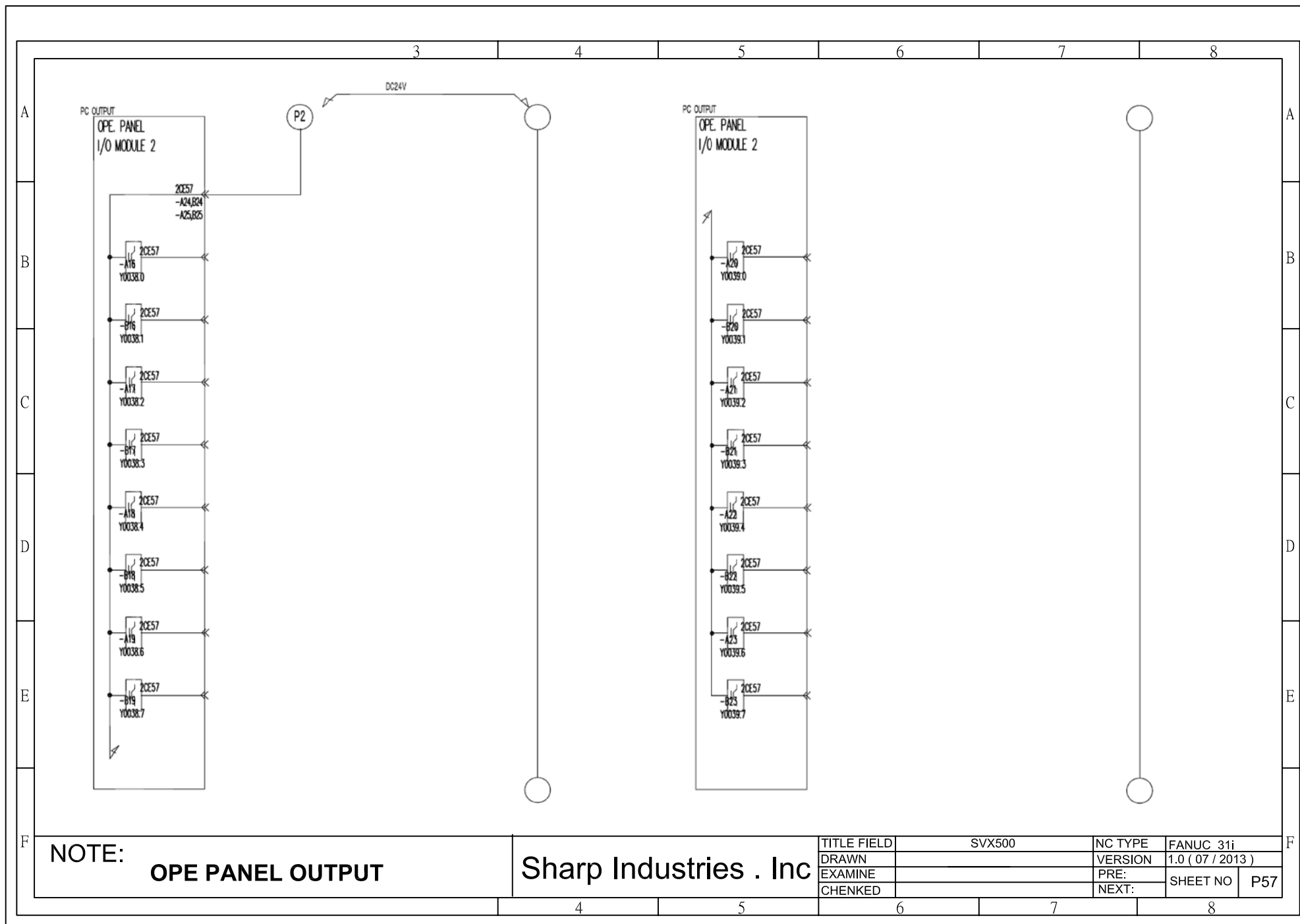
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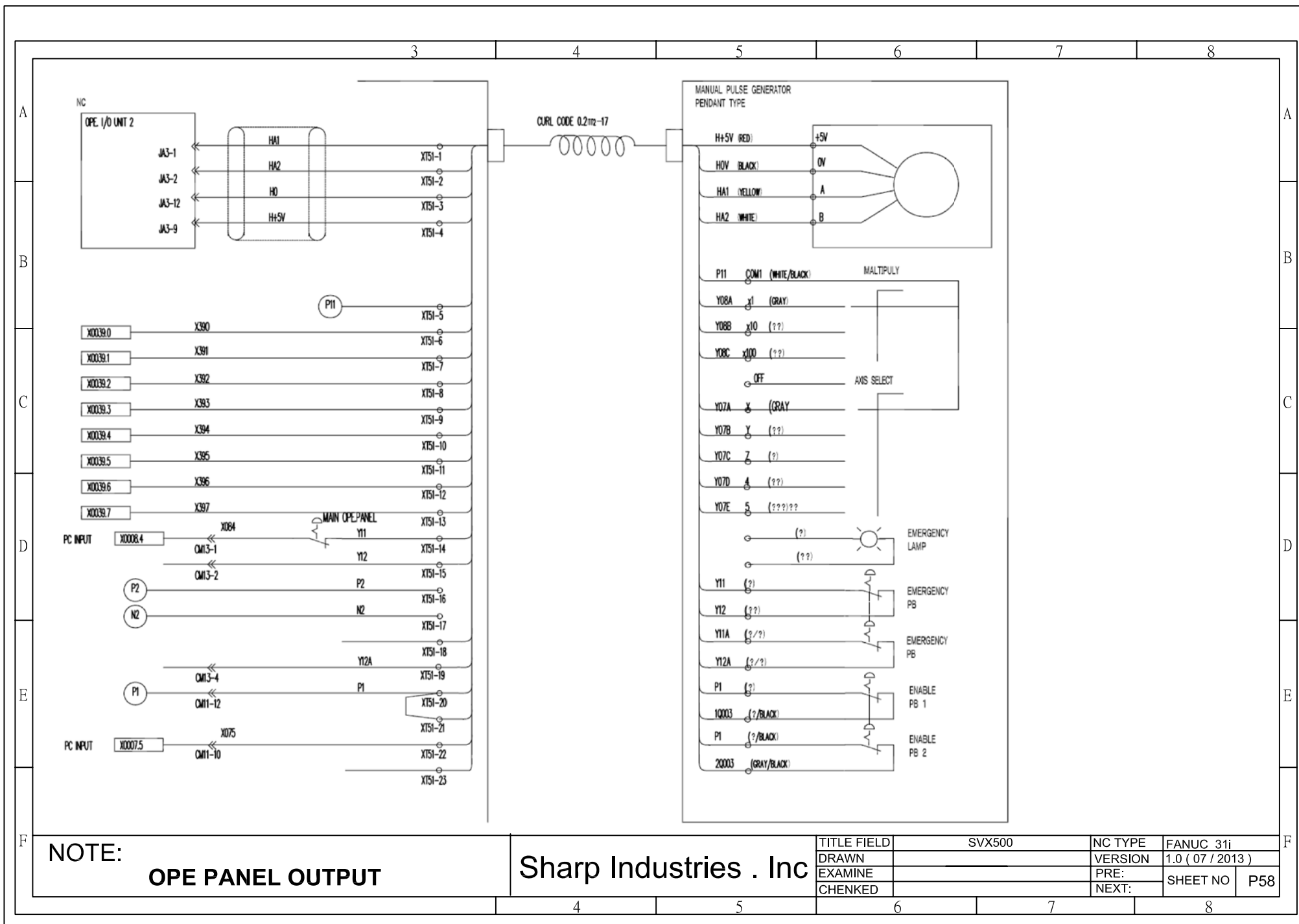
OPE PANEL INPUT

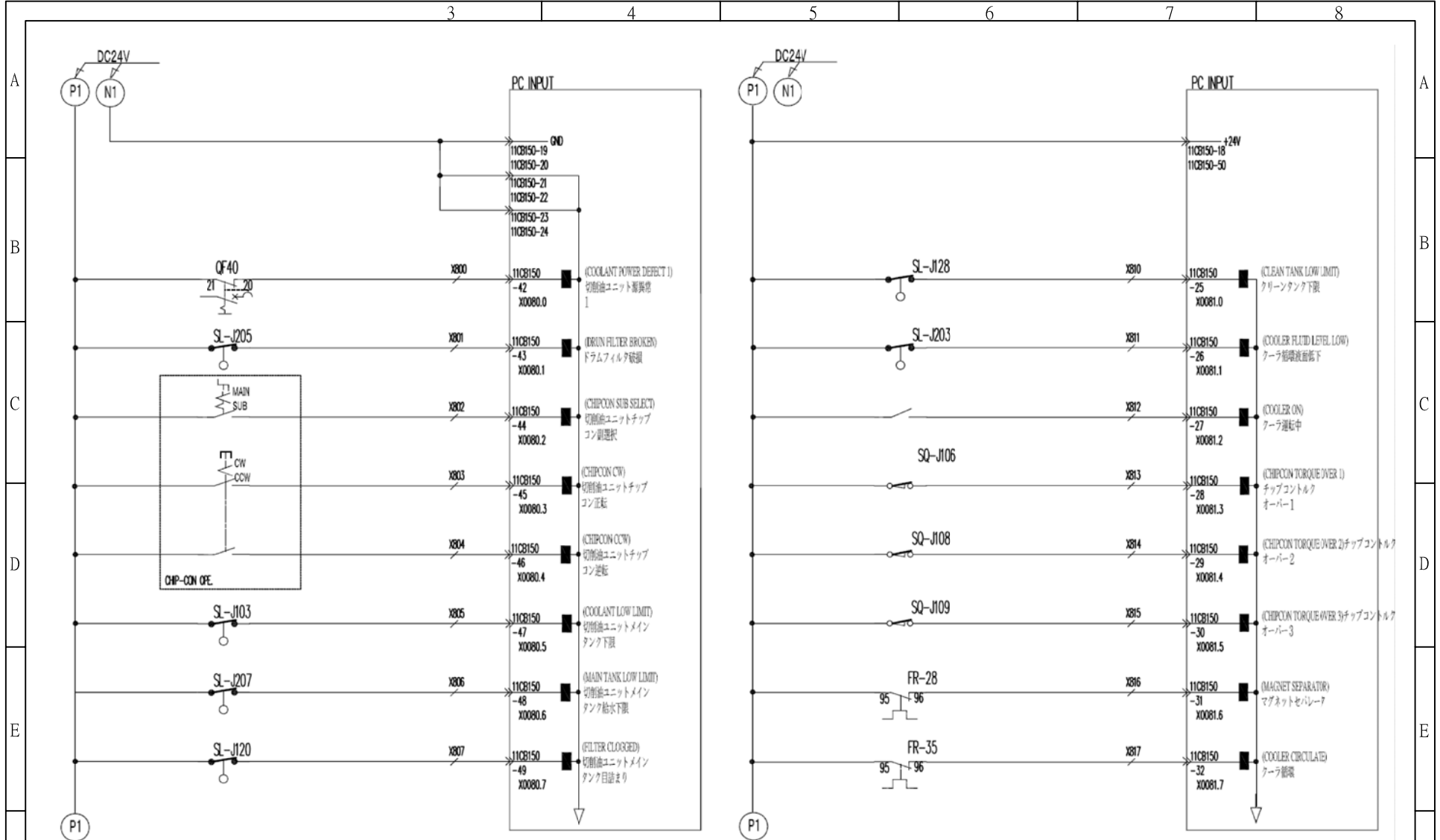
Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P55









NOTE: OPE PANEL OUTPUT

Sharp Industries . Inc

TITLE FIELD	SVX500	NC TYPE	FANUC 31i
DRAWN		VERSION	1.0 (07 / 2013)
EXAMINE		PRE:	SHEET NO
CHENKED		NEXT:	P59

