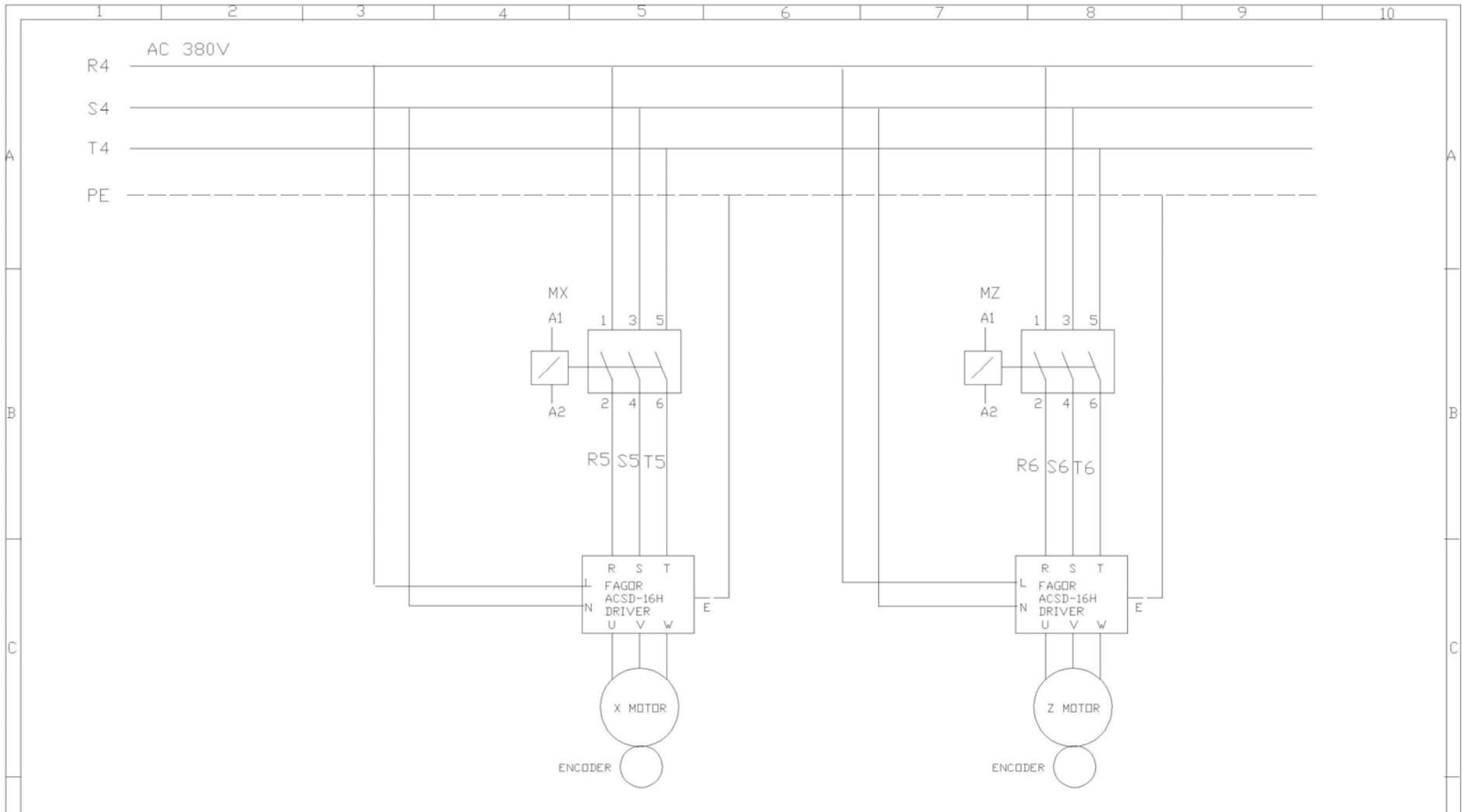
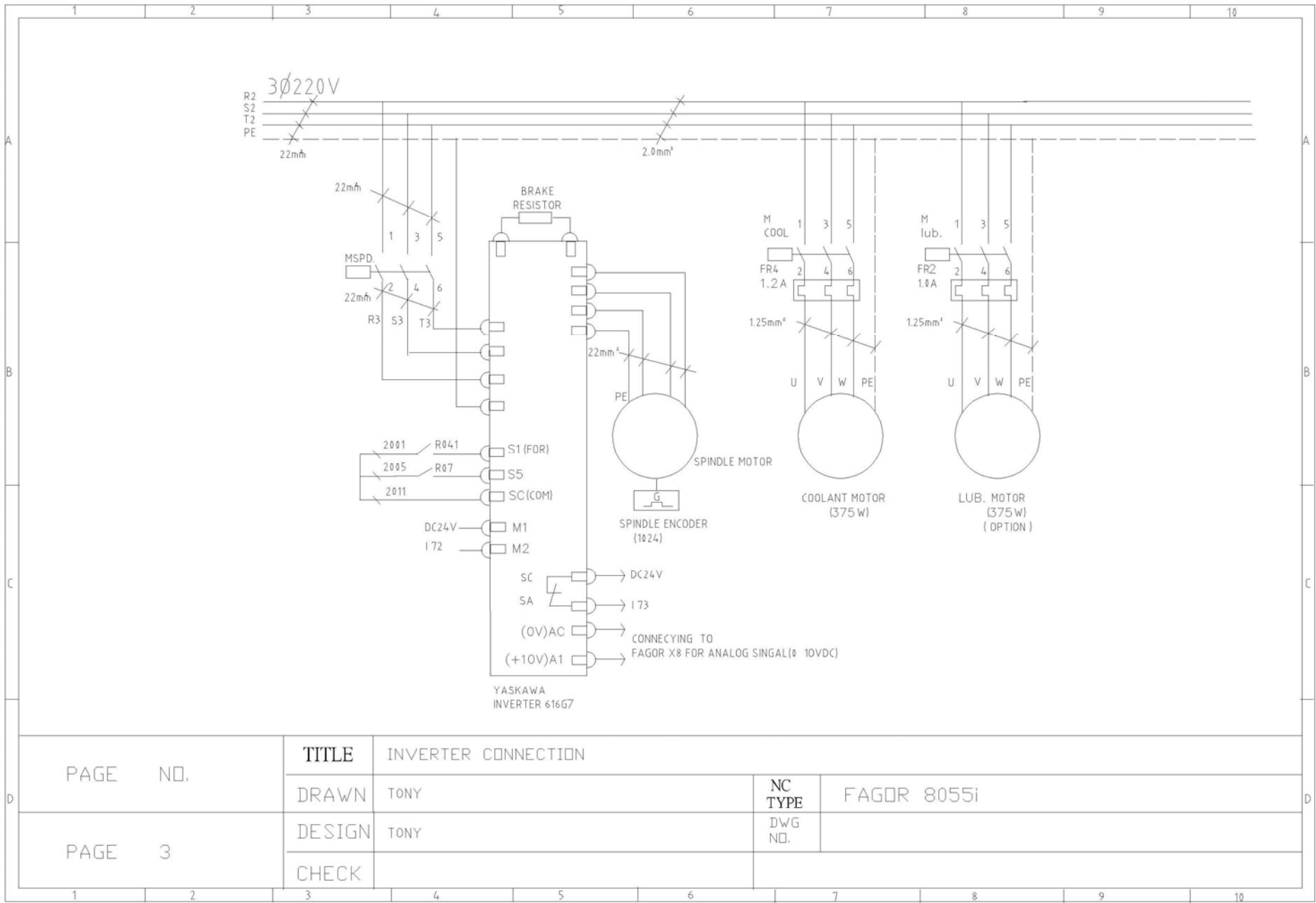


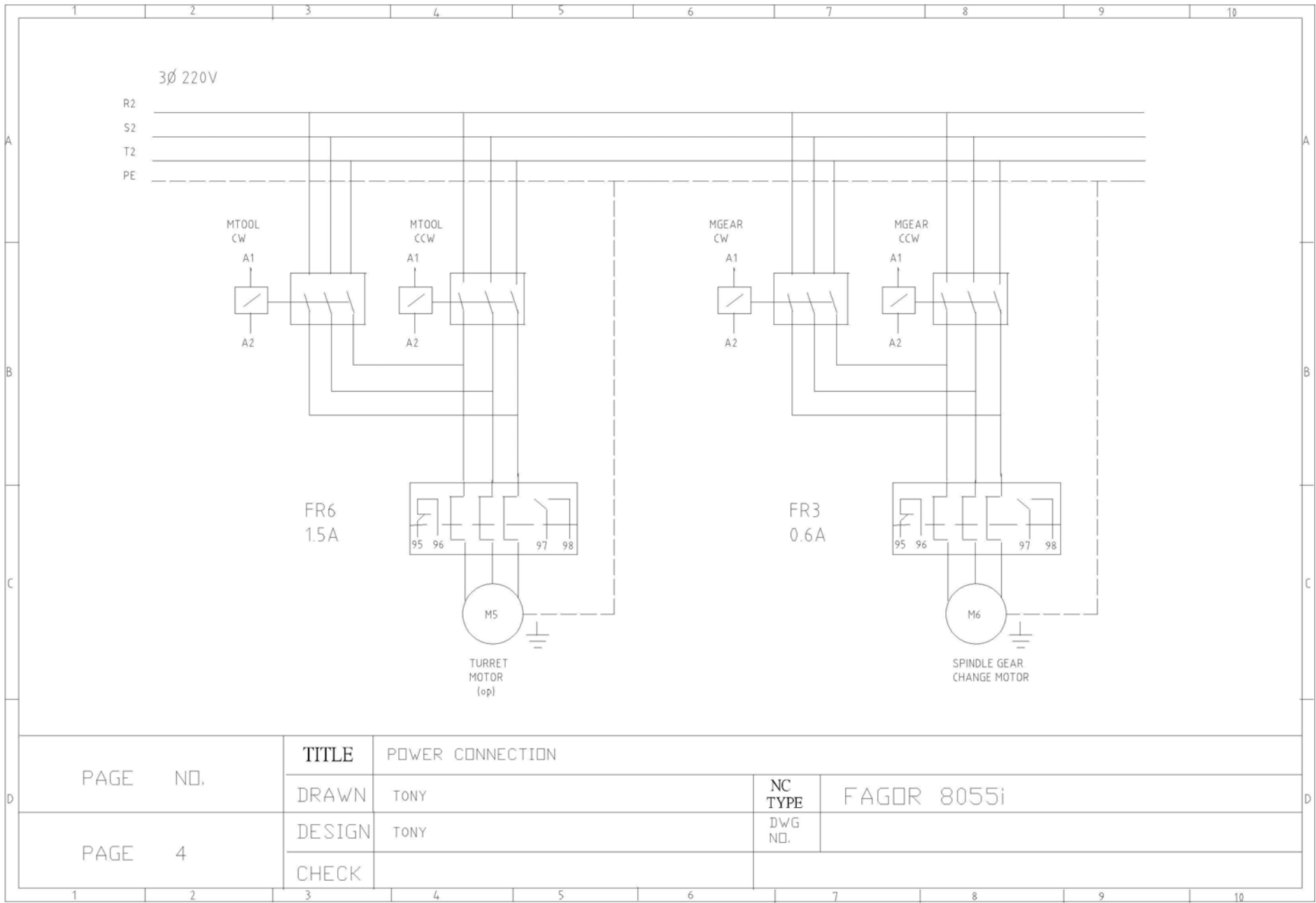
PAGE NO.	TITLE	POWER CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 1	DESIGN	TONY	DWG NO.	
	CHECK			



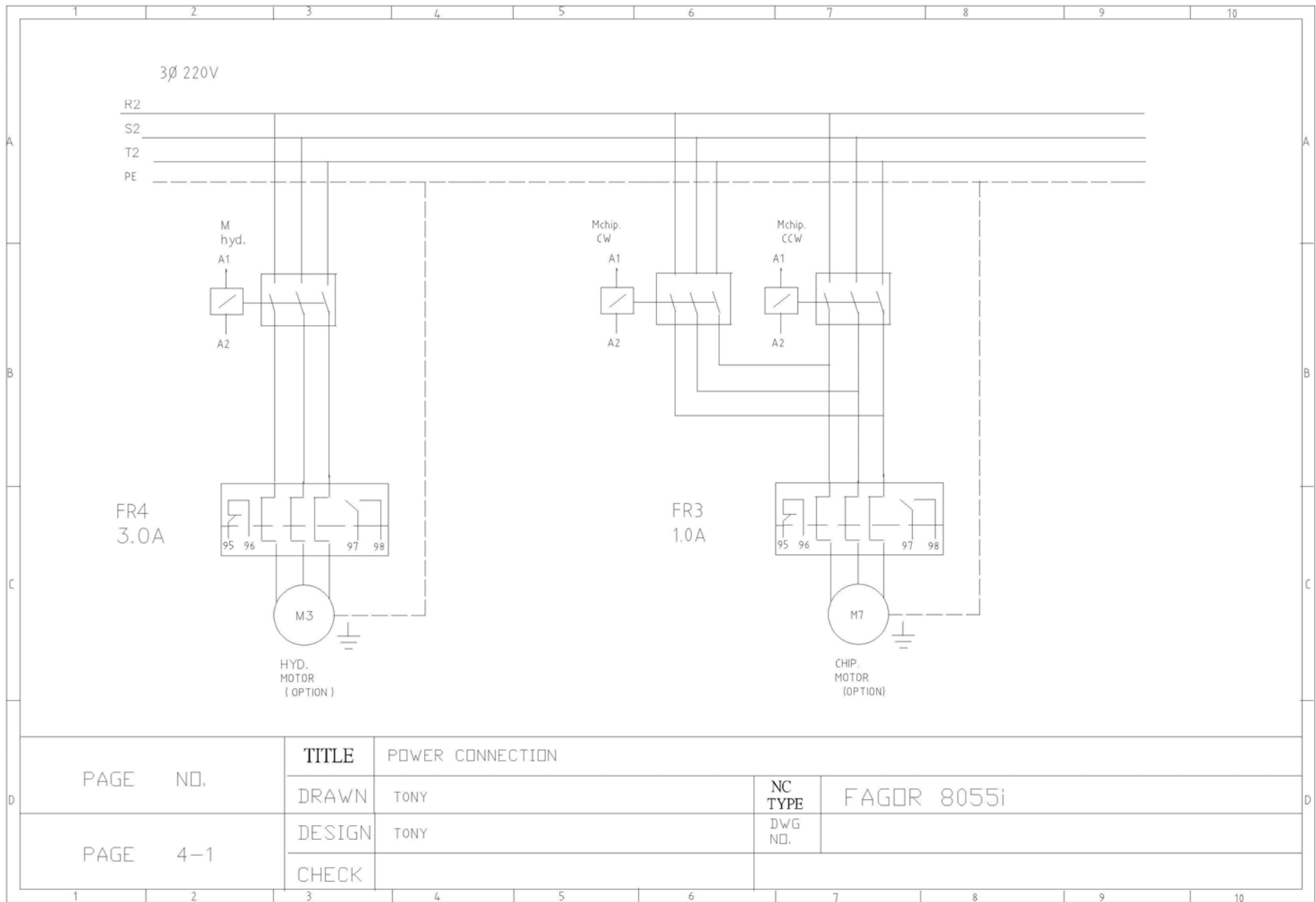
PAGE NO.	<b>TITLE</b>	DRIVER CONNECTION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 2	DESIGN	TONY	DWG NO.	
	CHECK			

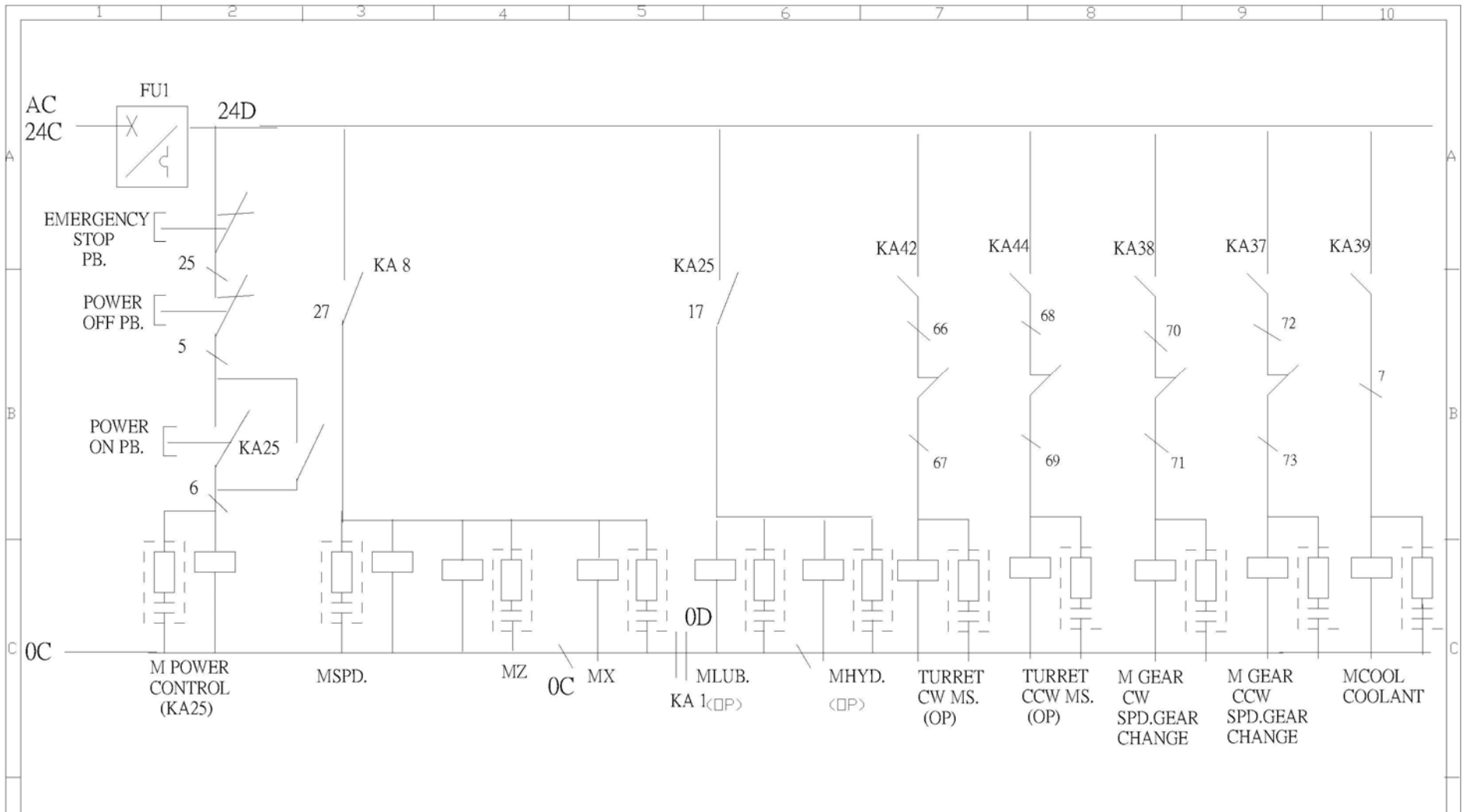


PAGE NO.	TITLE	INVERTER CONNECTION	
	DRAWN	TONY	NC TYPE FAGOR 8055i
PAGE 3	DESIGN	TONY	DWG NO.
	CHECK		

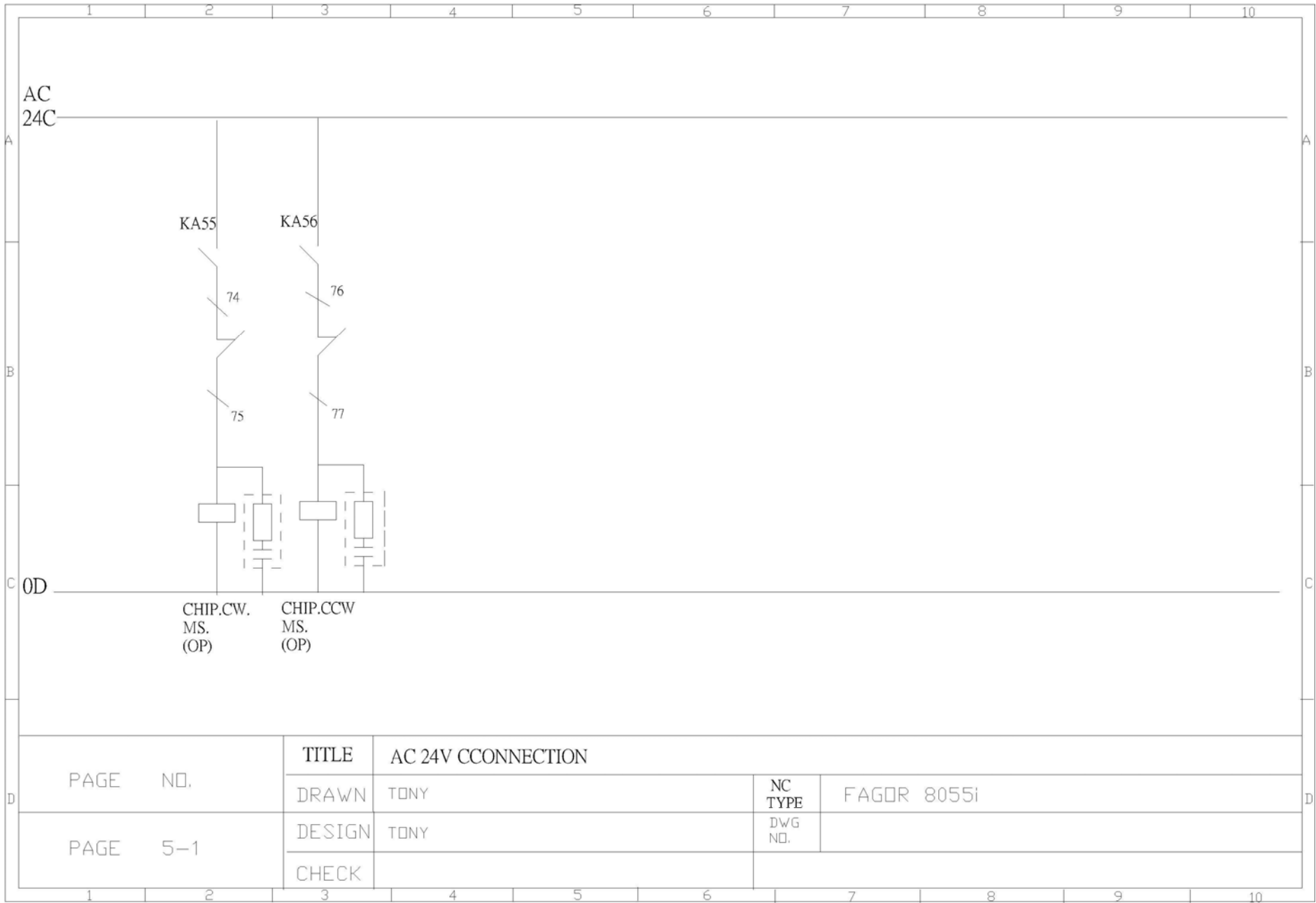


PAGE NO.	<b>TITLE</b> POWER CONNECTION		NC TYPE	FAGOR 8055i
	DRAWN	TONY		
PAGE 4	DESIGN	TONY	DWG NO.	
	CHECK			

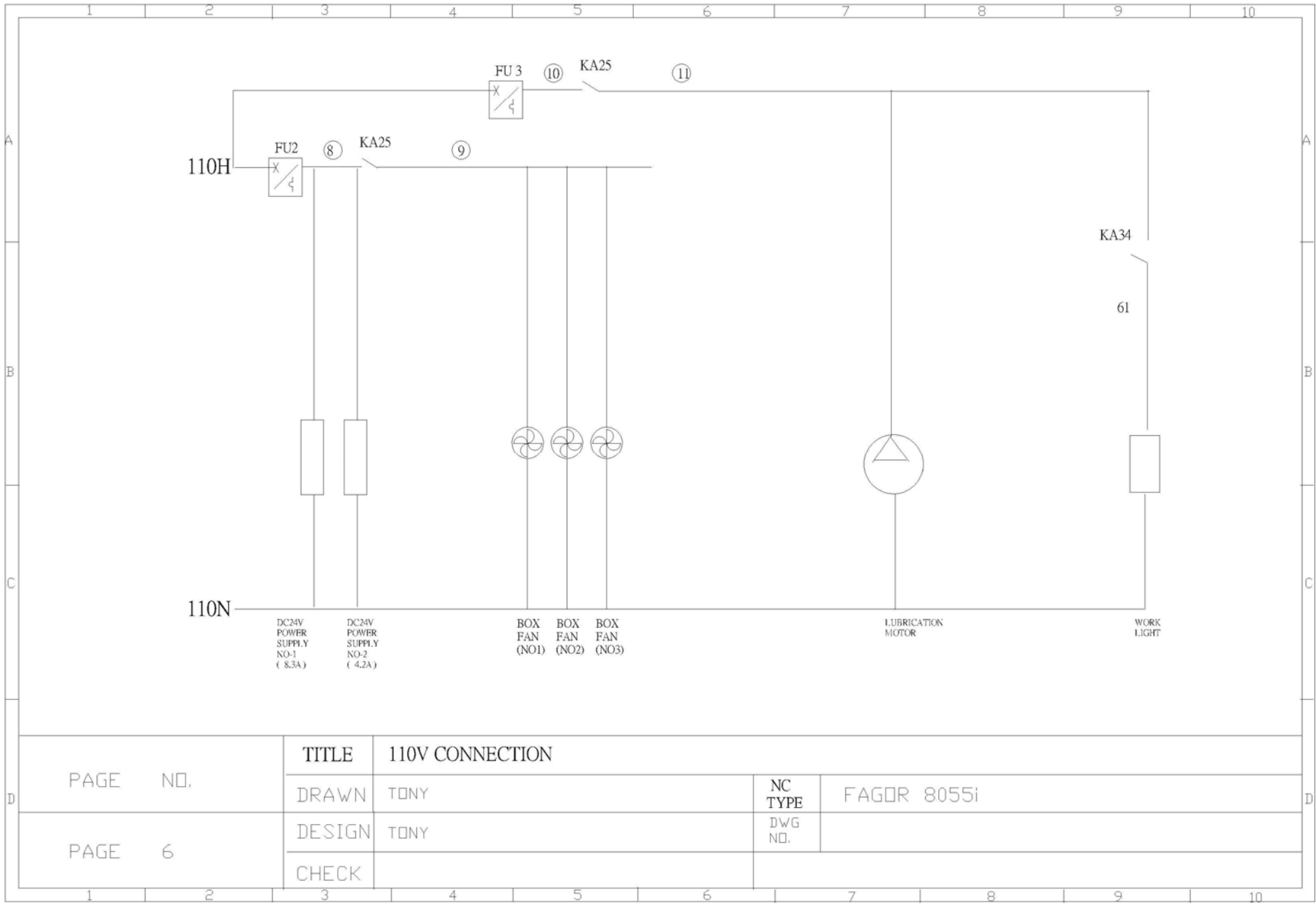




PAGE NO.		TITLE		AC 24V CCONNECTION	
PAGE 5		DRAWN	TONY	NC TYPE	FAGOR 8055i
		DESIGN	TONY	DWG NO.	
		CHECK			

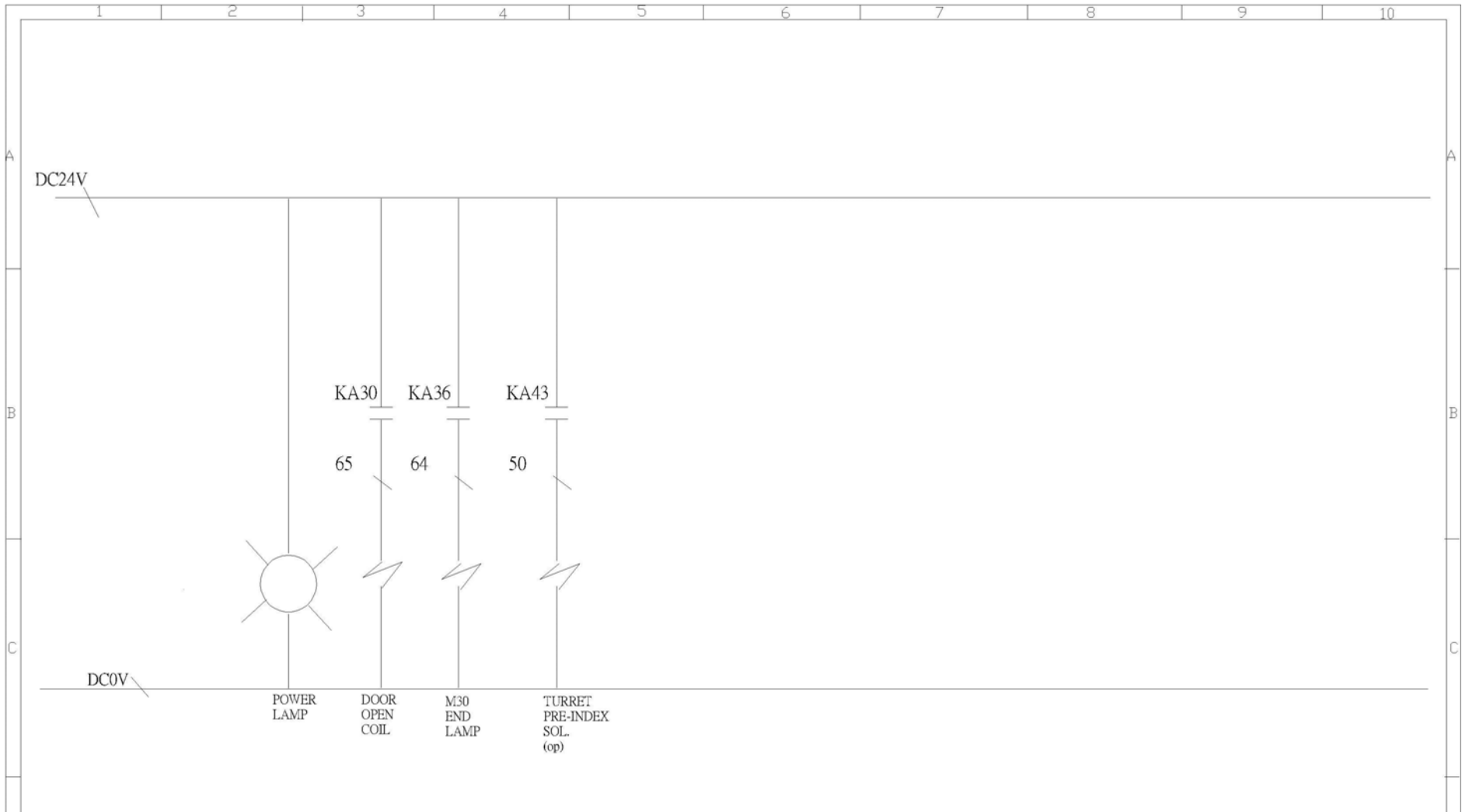


PAGE NO.	TITLE	AC 24V CCONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 5-1	DESIGN	TONY	DWG NO.	
	CHECK			

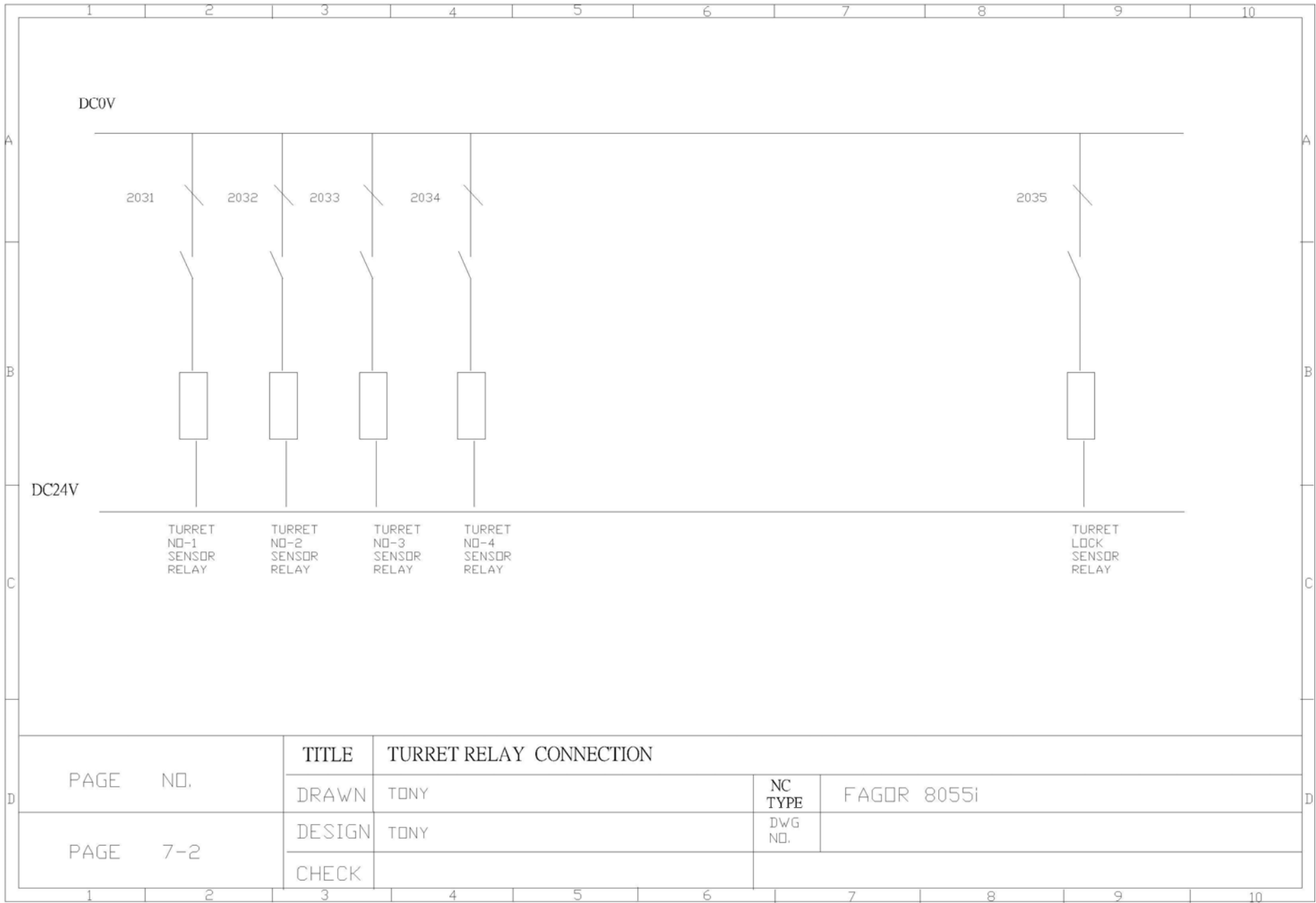


PAGE NO.	TITLE	110V CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 6	DESIGN	TONY	DWG NO.	
	CHECK			





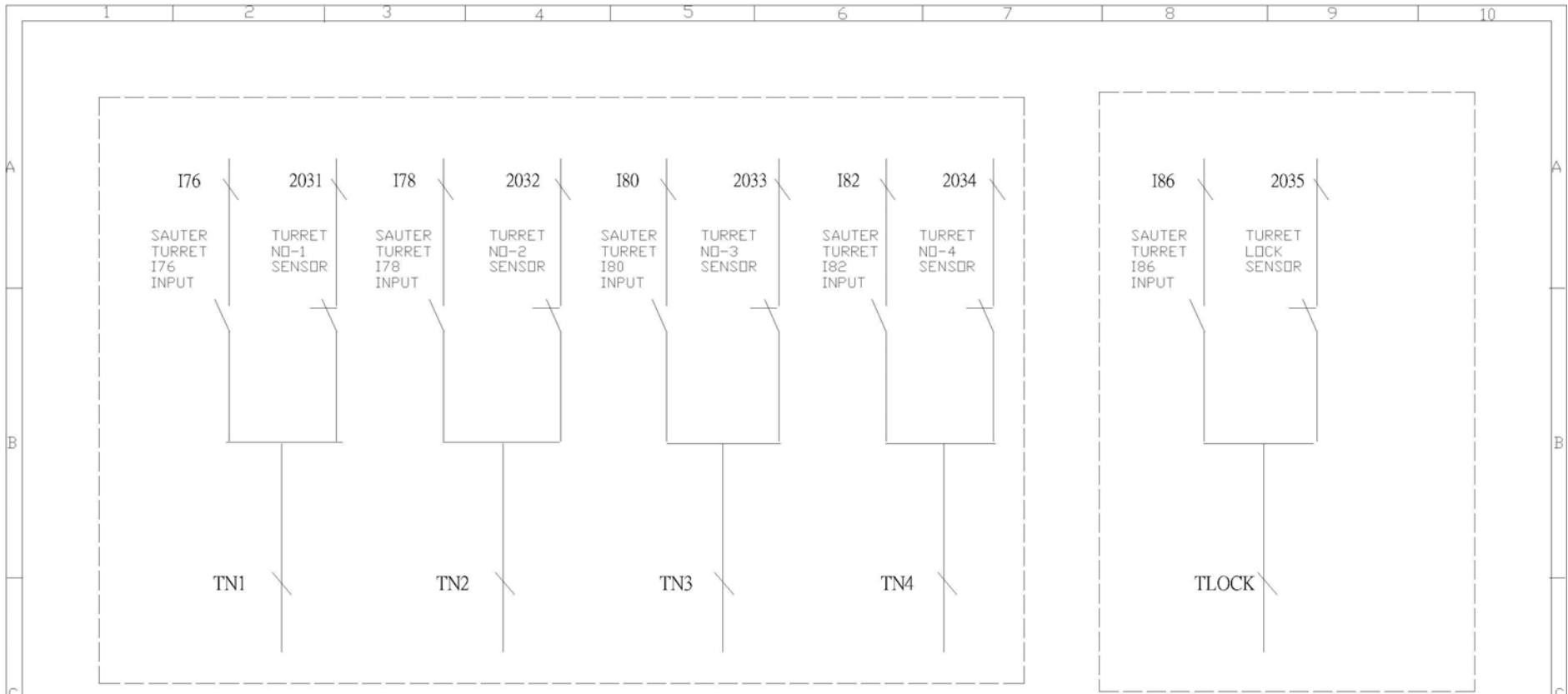
PAGE NO.	TITLE	DC24V SOL. CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 7	DESIGN	TONY	DWG NO.	
	CHECK			



PAGE NO.	TITLE		TURRET RELAY CONNECTION	
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 7-2	DESIGN	TONY	DWG NO.	
	CHECK			



PAGE NO.		TITLE		CPU DC24V CONNECTION	
PAGE 7-5		DRAWN	TONY	NC TYPE	FAGOR 8055i
		DESIGN	TONY	DWG NO.	
		CHECK			



CONNECTOR PIN-E

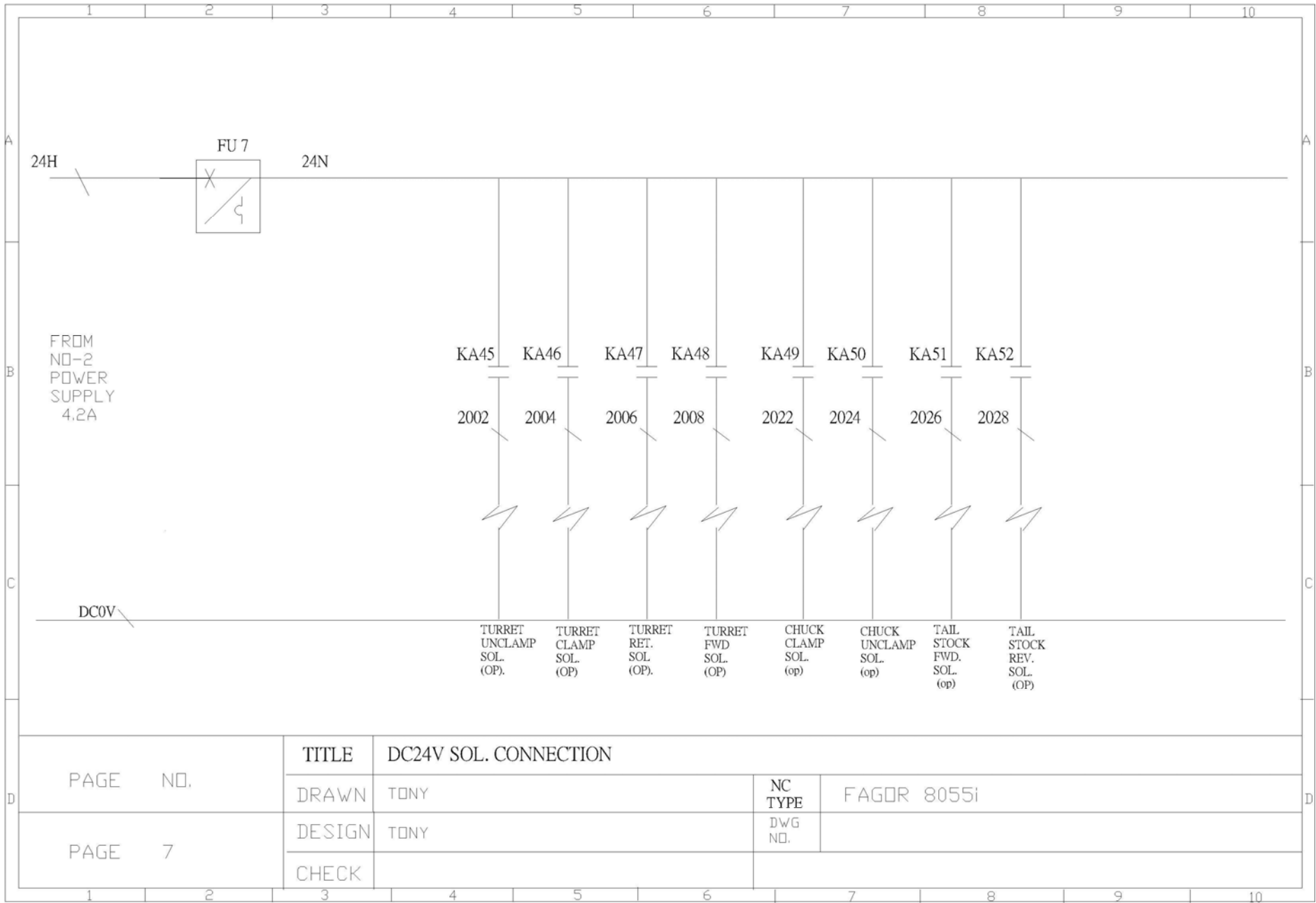
CONNECTOR PIN-F

CONNECTOR PIN-G

CONNECTOR PIN-H

CONNECTOR PIN-J

PAGE NO.	TITLE		KA33 RELAY CONNECTION	
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 7-5	DESIGN	TONY	DWG NO.	
	CHECK			

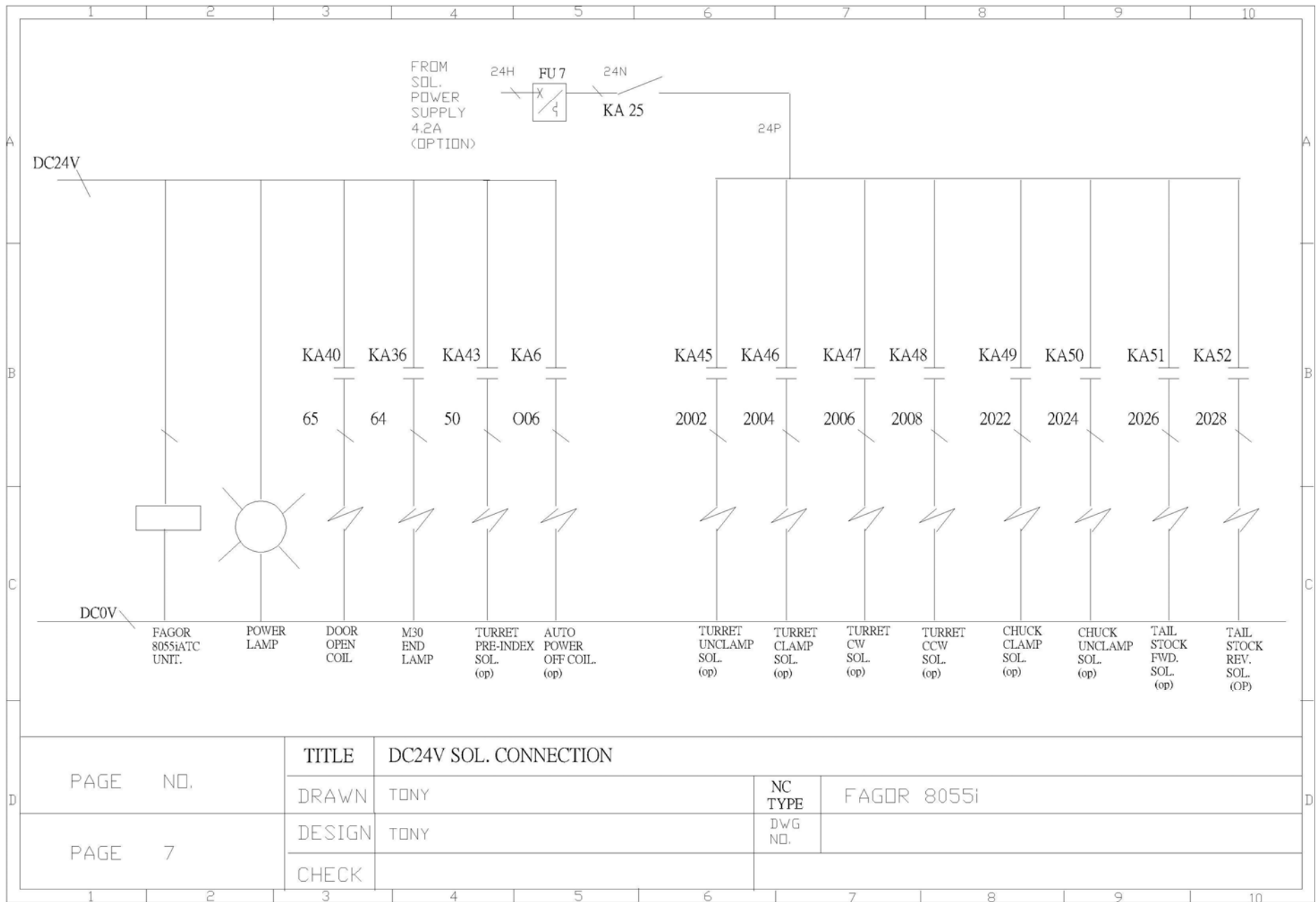


FROM  
NO-2  
POWER  
SUPPLY  
4.2A

DC0V

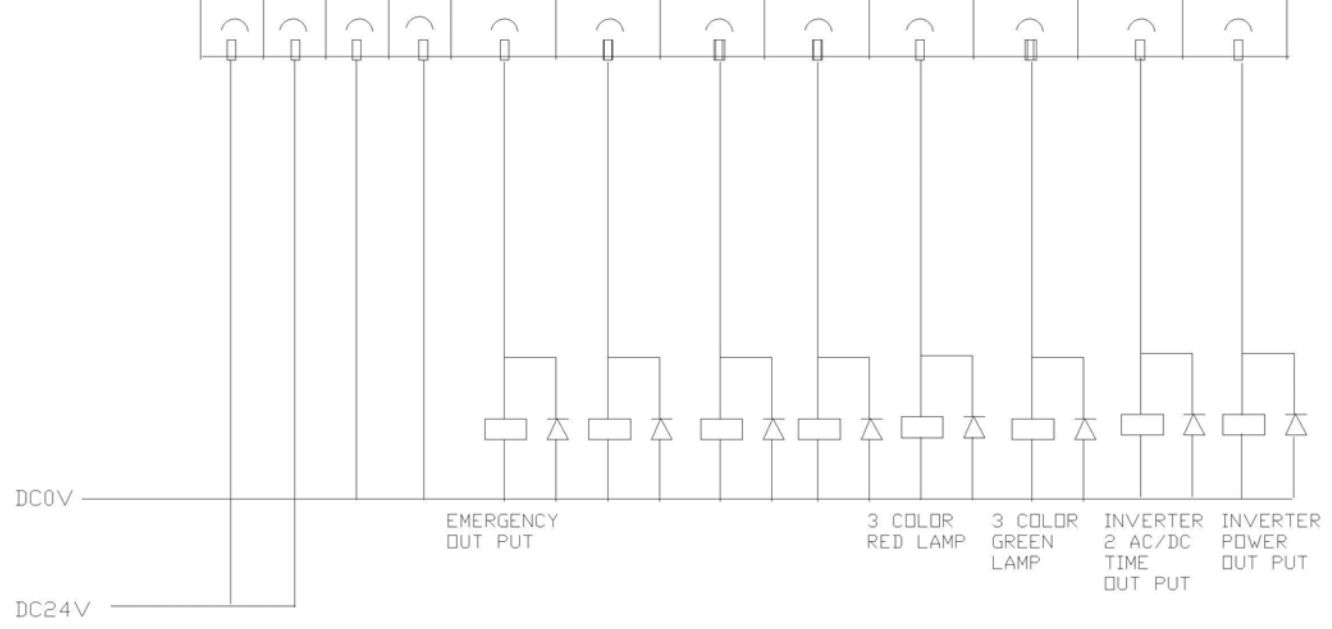
KA45	KA46	KA47	KA48	KA49	KA50	KA51	KA52
2002	2004	2006	2008	2022	2024	2026	2028
TURRET UNCLAMP SOL. (OP).	TURRET CLAMP SOL. (OP)	TURRET RET. SOL. (OP).	TURRET FWD SOL. (OP)	CHUCK CLAMP SOL. (op)	CHUCK UNCLAMP SOL. (op)	TAIL STOCK FWD. SOL. (op)	TAIL STOCK REV. SOL. (OP)

PAGE NO.	TITLE	DC24V SOL. CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 7	DESIGN	TONY	DWG NO.	
	CHECK			

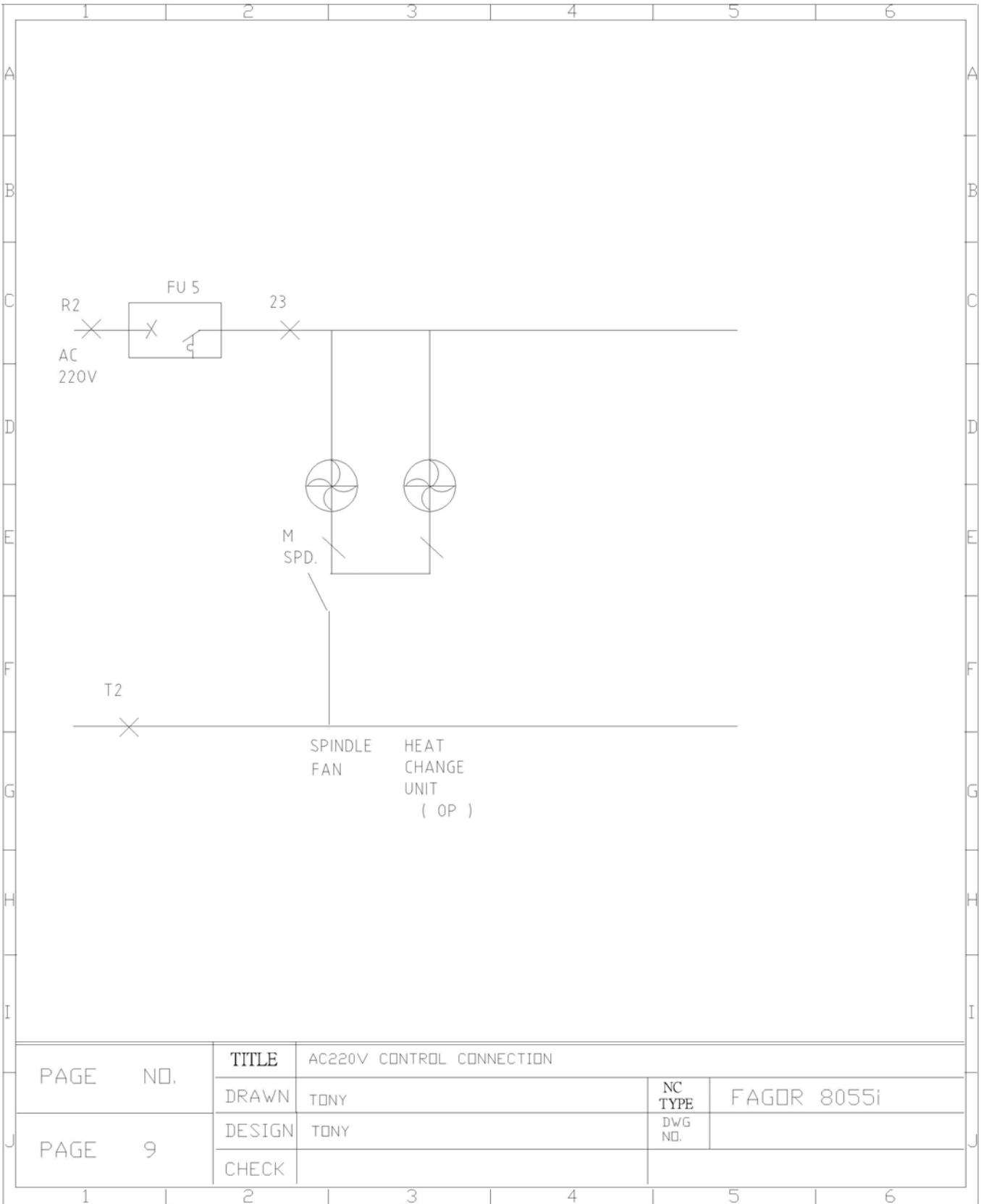


<X2> OUTPUT SCHEME <FAGOR 8055i CNC >

ADDRESS	24V	24V	0V	0V	01	02	03	04	05	06	07	08
PIN NO:	1	20	18	19	2	21	3	22	4	23	5	24
CON. NAME												

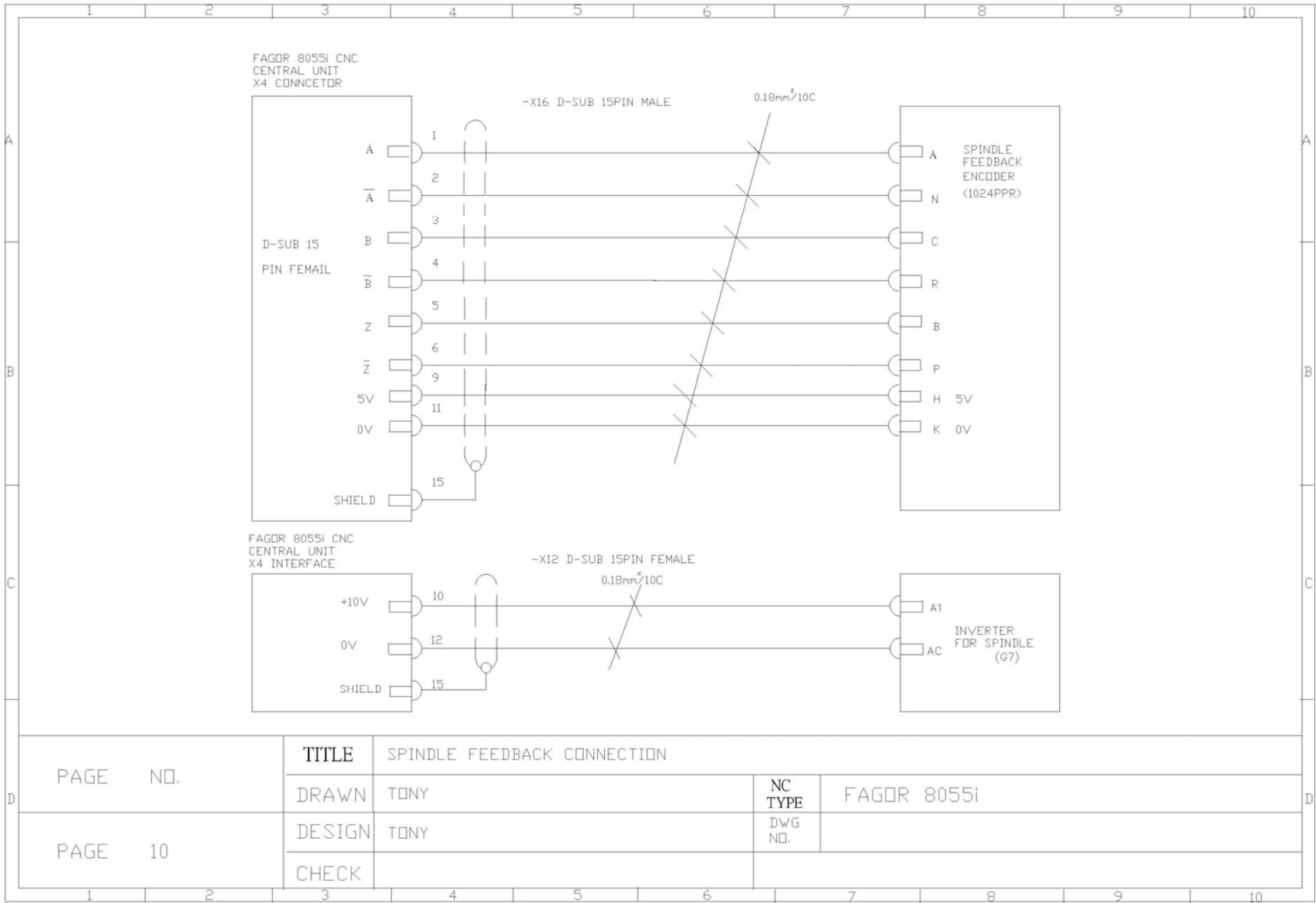


PAGE NO.	TITLE		OUTPUT CONNECTION	
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 8	DESIGN	TONY	DWG NO.	
	CHECK			



PAGE NO.	TITLE AC220V CONTROL CONNECTION		
	DRAWN	TONY	NC TYPE FAGOR 8055i
PAGE 9	DESIGN	TONY	DWG NO.
	CHECK		

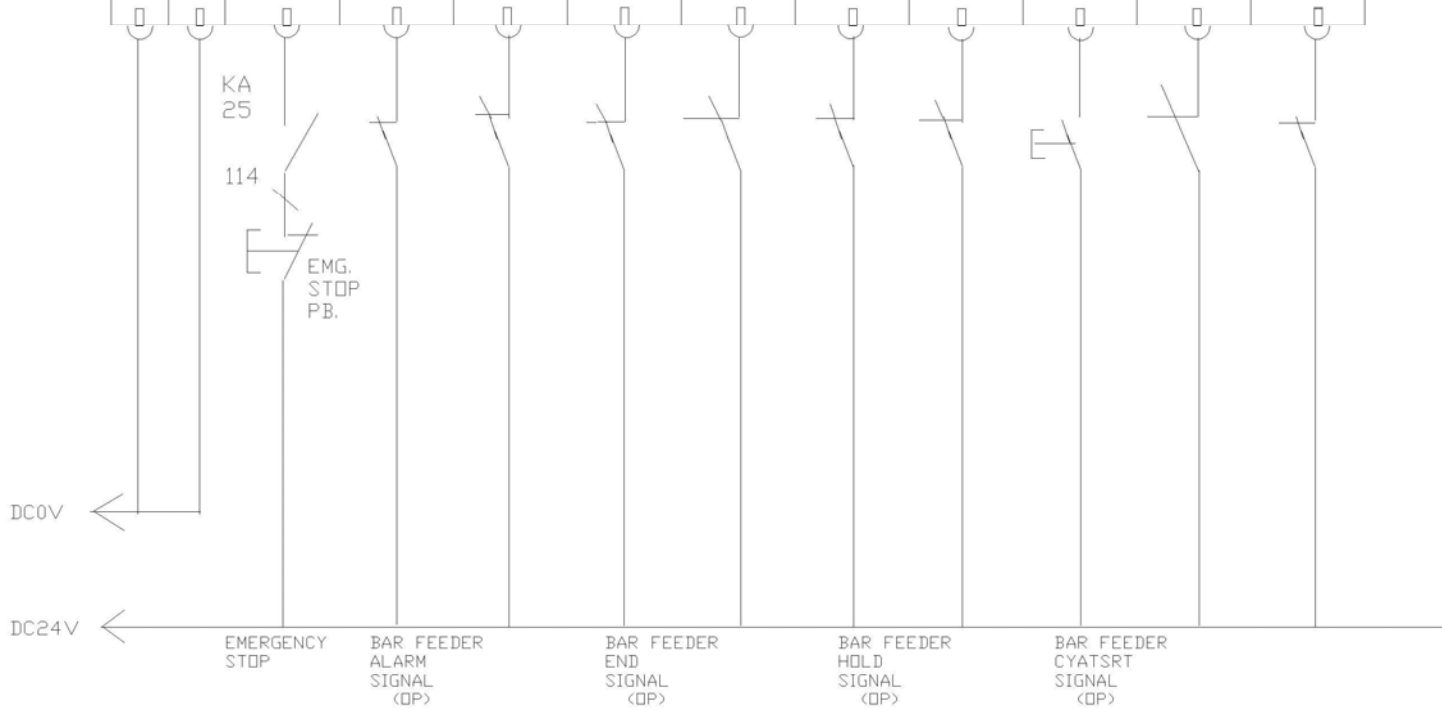




PAGE NO.	TITLE	SPINDLE FEEDBACK CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 10	DESIGN	TONY	DWG NO.	
	CHECK			

I/O (X2) INPUT SCHEME (FAGOR 8055i CNC)

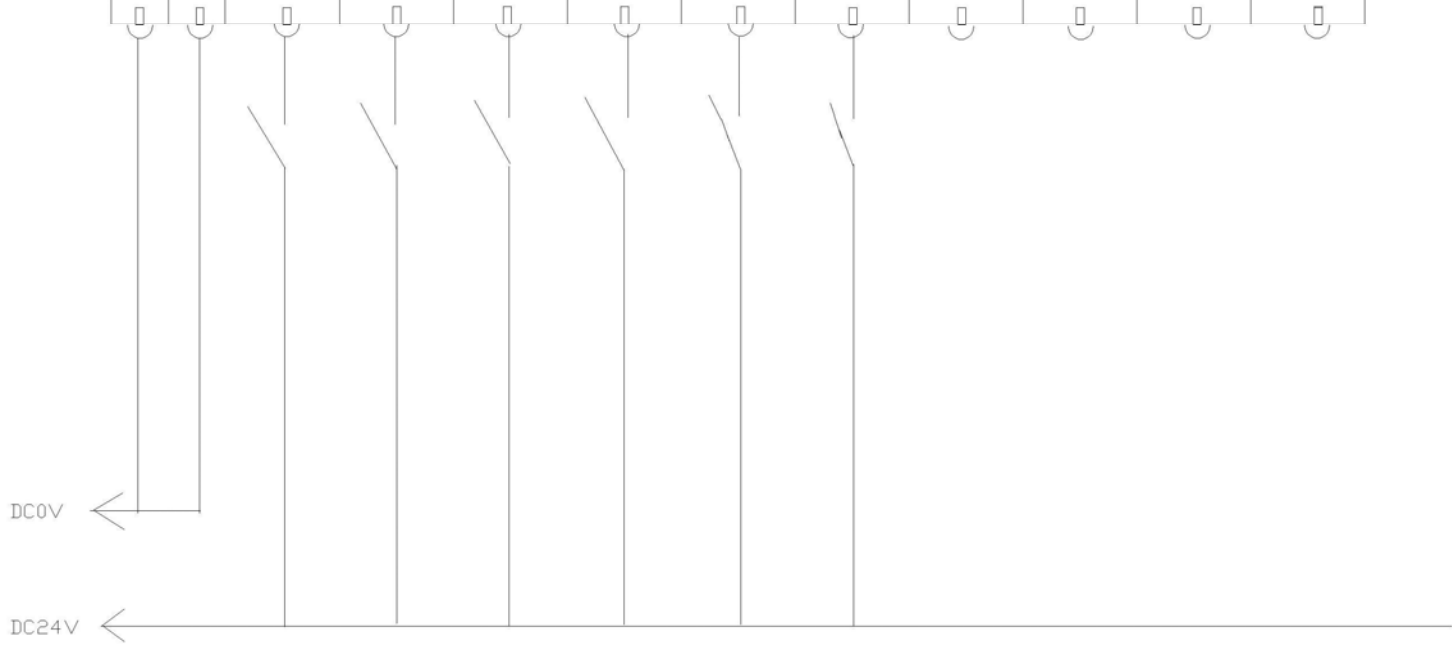
ADDRESS	0V	0V	I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
PIN NO:	18	19	10	29	11	30	12	31	13	32	14	33
CON. NAME												



PAGE NO.	<b>TITLE</b>	INPUT CONNECTION	
	DRAWN	TONY	NC TYPE FAGOR 8055i
PAGE 11	DESIGN	TONY	DWG NO.
	CHECK		

I/O <X2> INPUT SCHEME <FAGOR 8055i CNC>

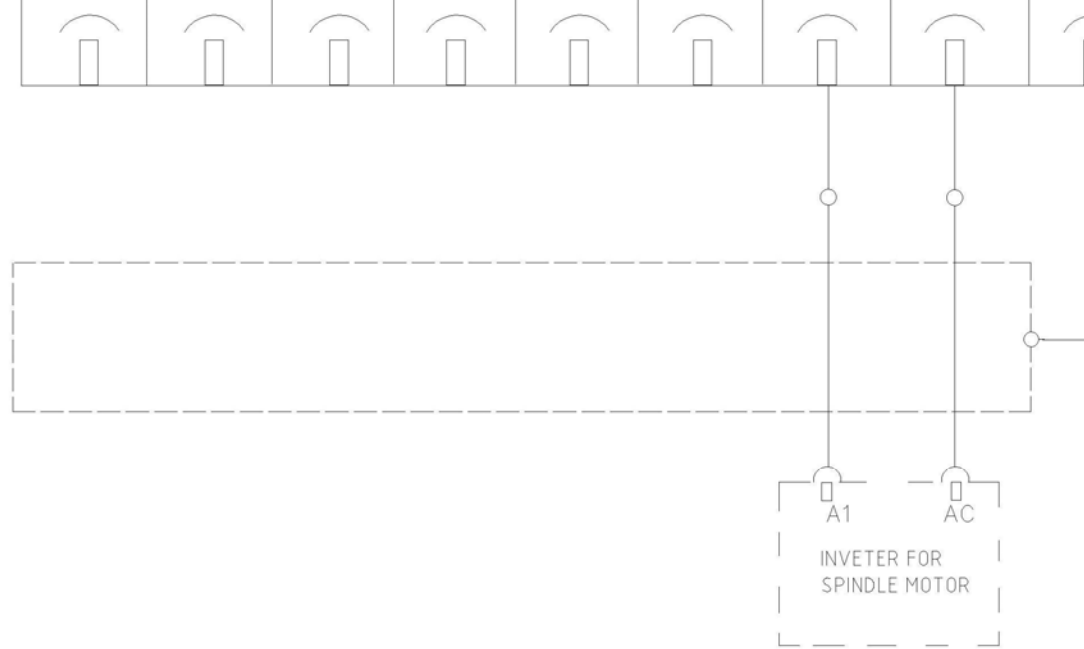
ADDRESS	0V	0V	I11	I12	I13	I14	I15	I16				
PIN NO:	18	19	15	34	16	35	17	36				
CON. NAME												



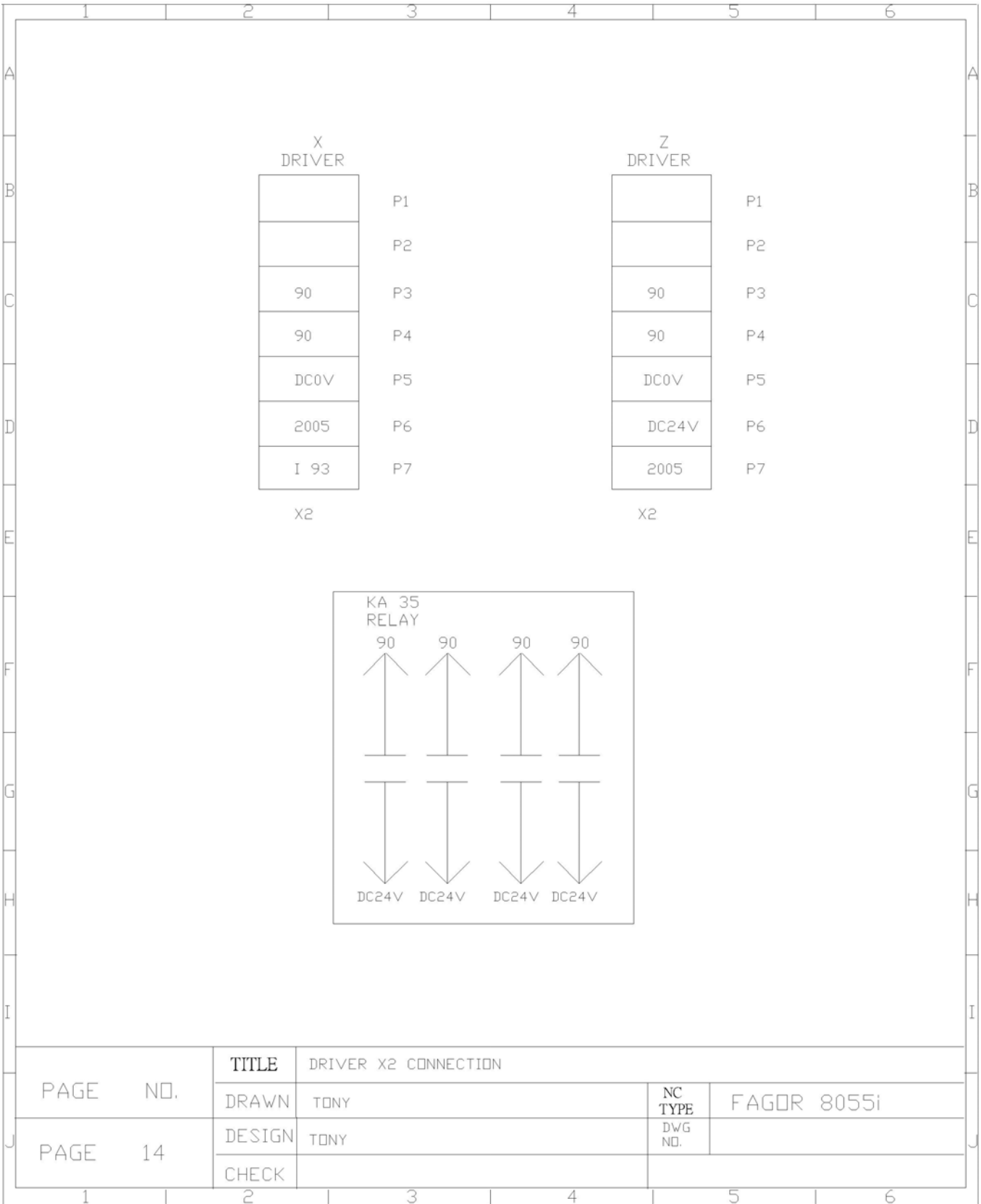
PAGE NO.	<b>TITLE</b>	INPUT CONNECTION	
	DRAWN	TONY	NC TYPE FAGOR 8055i
PAGE 12	DESIGN	TONY	DWG NO.
	CHECK		

X4 INTERFACE WITH THE ELECTRICAL CABINET (FAGOR 8055i CNC)

FUNCTION							SPINDLE ANALOG OUTPUT	SPINDLE ANALOG OUTPUT	SHIELD
PIN NO:							10	12	15
CON.NAME									

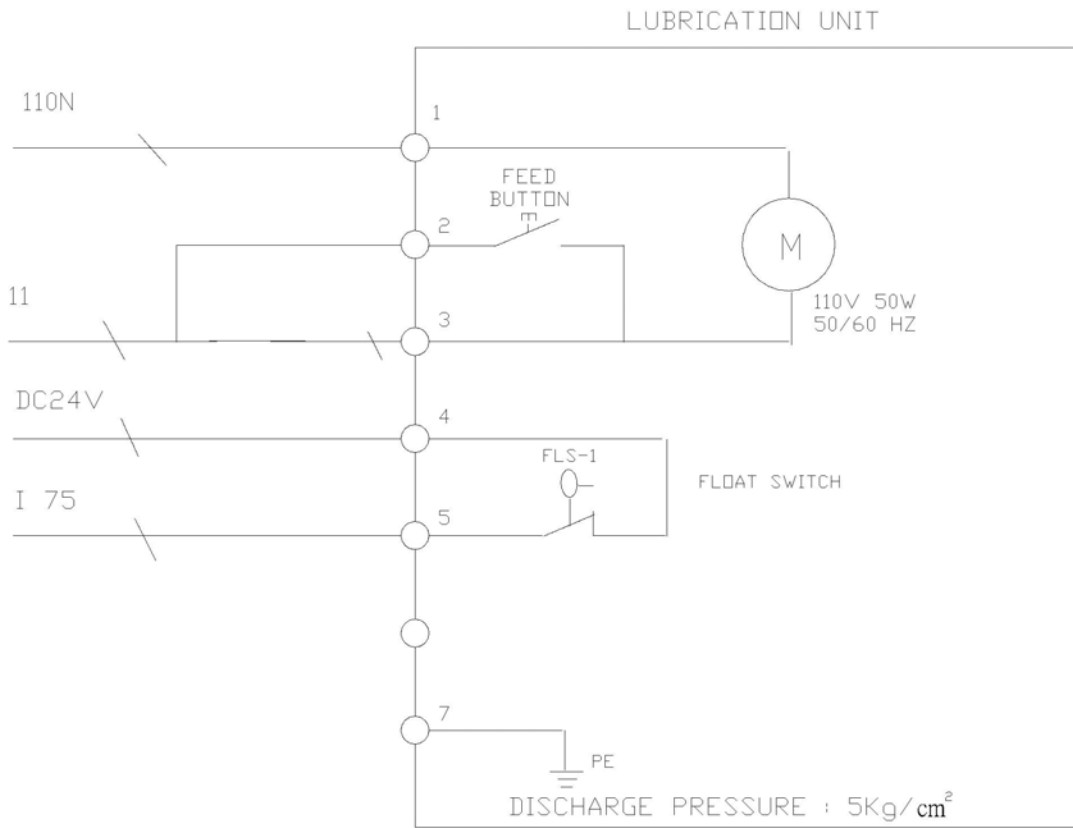


PAGE NO.	<b>TITLE</b>	ANALOG OUTPUT CONNECTION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 13	DESIGN	TONY	DWG NO.	
	CHECK			

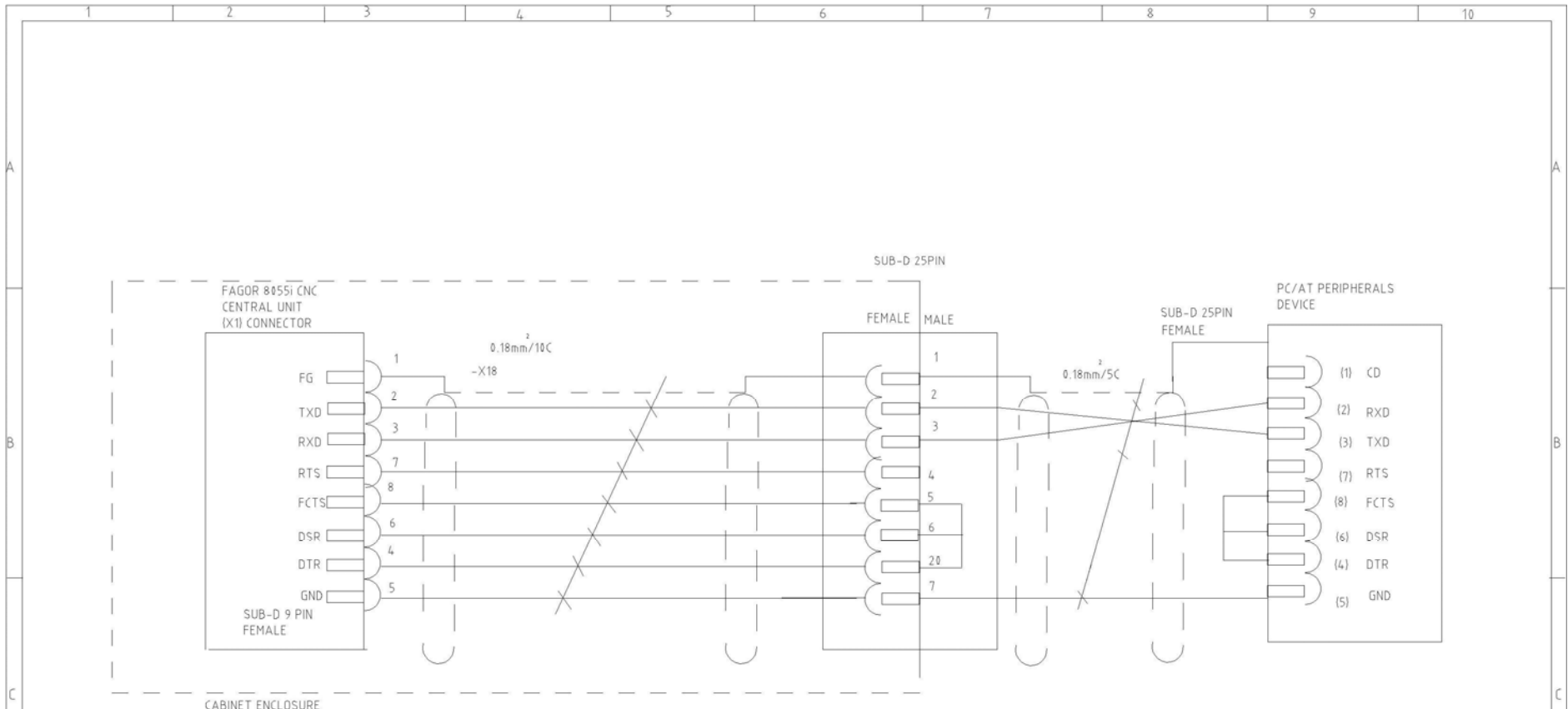


PAGE NO.	TITLE	DRIVER X2 CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 14	DESIGN	TONY	DWG NO.	
	CHECK			

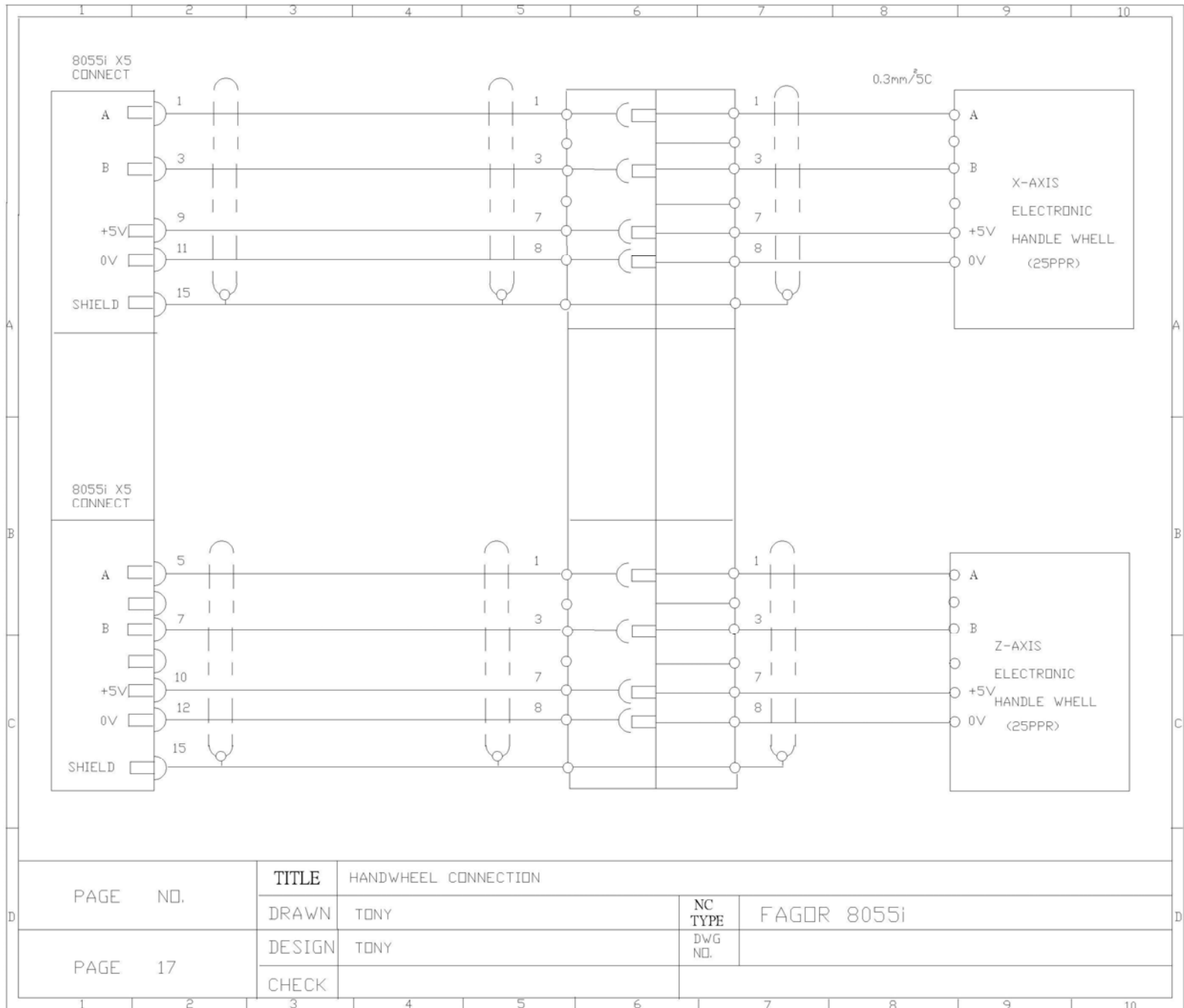
# LUBRICATION CONTROL DIAGRAM



PAGE NO.		<b>TITLE</b>	LUBRICATION CONNECTION		
		DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
		DESIGN	TONY	DWG NO.	
PAGE 15		CHECK			



PAGE NO.	<b>TITLE</b>	RS 232 INTERFACE CONNECTION		
	<b>DRAWN</b>	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 16	<b>DESIGN</b>	TONY	<b>DWG NO.</b>	
	<b>CHECK</b>			



PAGE NO.	TITLE	HANDWHEEL CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 17	DESIGN	TONY	DWG NO.	
	CHECK			



8055i cpu  
AXES can i/o

P1	ISO GND
P2	CAN L
P3	SHIELD
P4	CAN H
P5	SHIELD

X AXIS  
DRIVER can i/o

P1	ISO GND
P2	CAN L
P3	SHIELD
P4	CAN H
P5	SHIELD

Z AXIS  
DRIVER can i/o

P1	ISO GND
P2	CAN L
P3	SHIELD
P4	CAN H
P5	SHIELD



X2	
P1	
P2	
P3	90
P4	90
P5	DC 0V
P6	2005
P7	193

X ENABLE  
X ENABLE  
DR.OK  
DR.OK

X2	
P1	
P2	
P3	90
P4	90
P5	DC 0V
P6	DC24V
P7	2005

DR.OK  
DR.OK  
X ENABLE  
X ENABLE

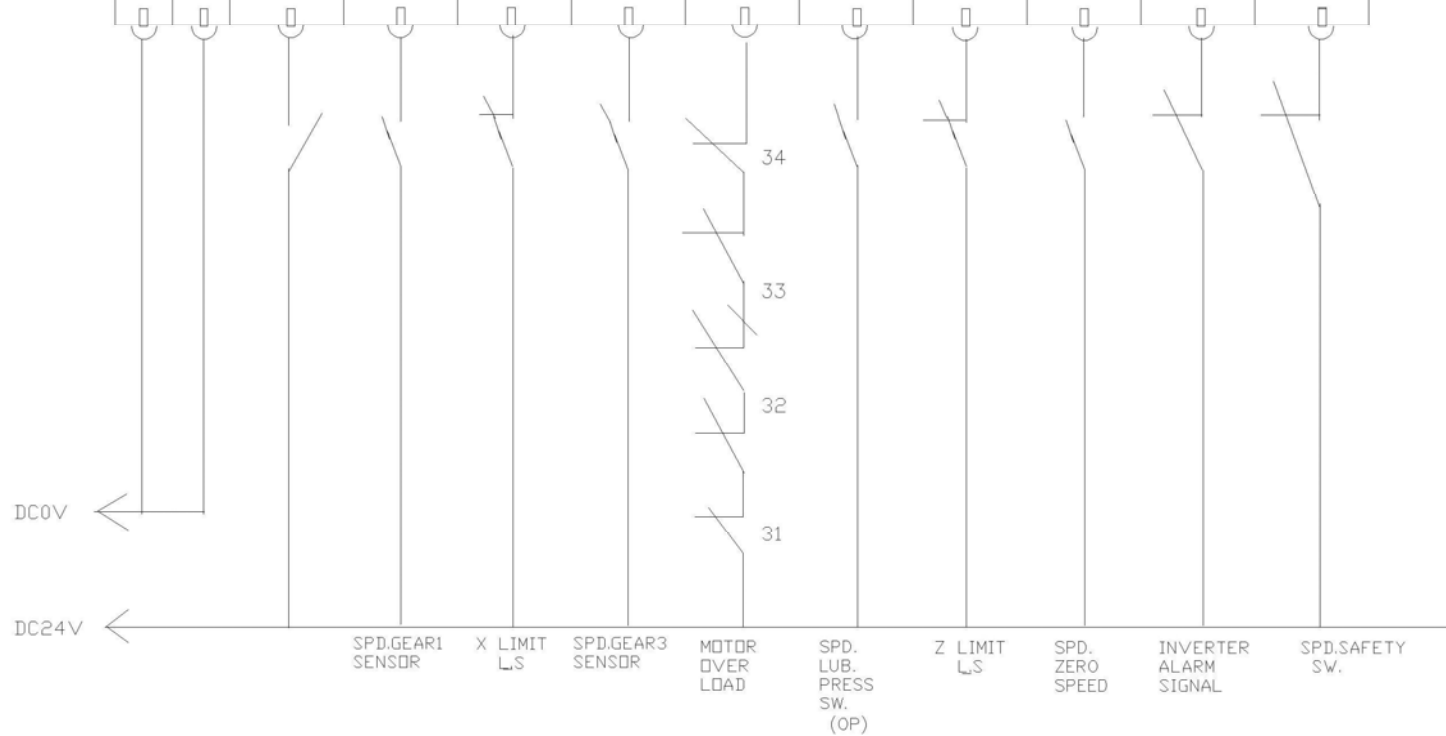
X DRIVER

Z DRIVER

PAGE NO.	18	<b>TITLE</b>	DRIVER X1/ CAN CONNECTION	
		DRAWN	TONY	<b>NC TYPE</b>
PAGE	18	DESIGN	TONY	DWG NO.
		CHECK		

I/O <X9> INPUT SCHEME <FAGOR 8055i CNC>

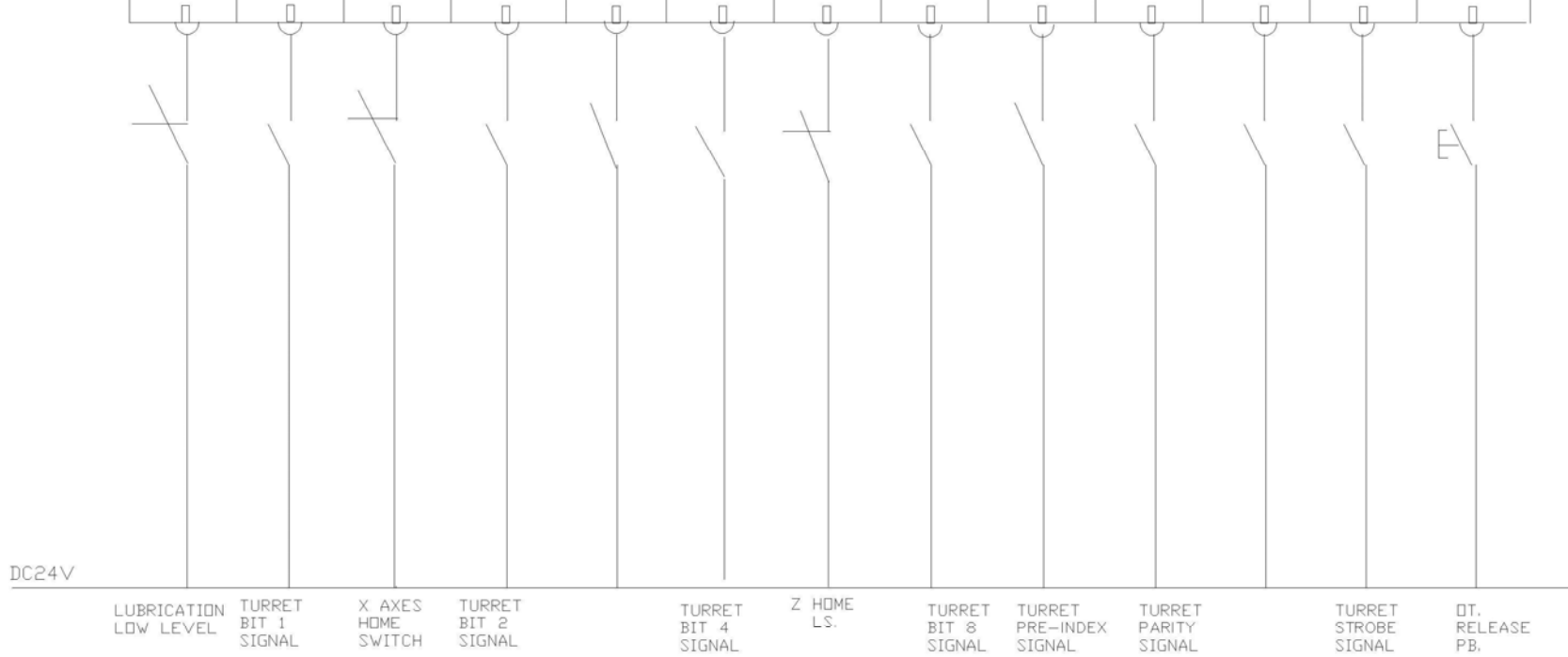
ADDRESS	0V	0V	I01(65)	I02(66)	I03(67)	I04(68)	I05(69)	I06(70)	I07(71)	I08(72)	I09(73)	I10(74)
PIN NO:	18	19	2	21	3	22	4	23	5	24	6	25
CON. NAME												



PAGE NO.	<b>TITLE</b>	INPUT CONNECTION	
	DRAWN	TONY	<b>NC TYPE</b> FAGOR 8055i
PAGE 19	DESIGN	TONY	DWG NO.
	CHECK		

I/O <X9> INPUT SCHEME (FAGOR 8055i CNC)

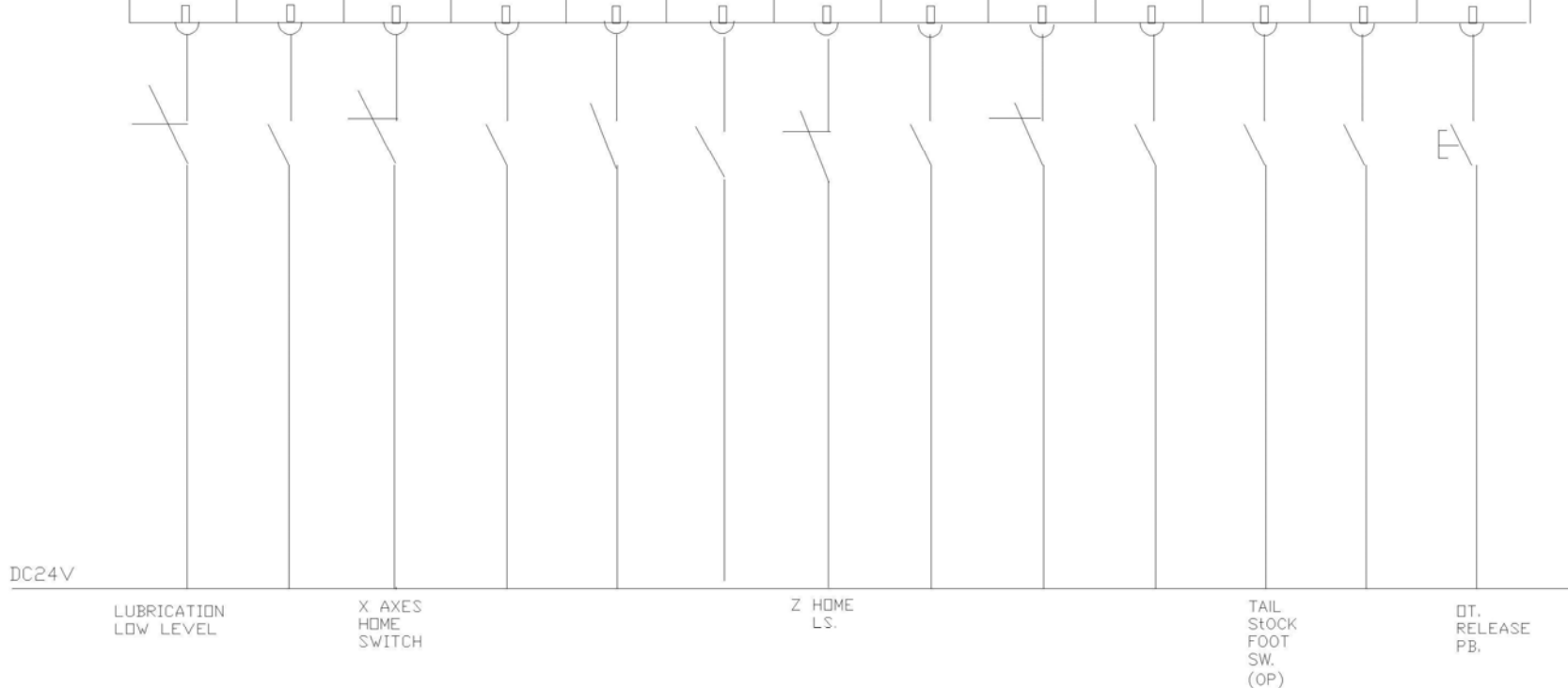
ADDRESS	I11(75)	I12(76)	I13(77)	I14(78)	I15(79)	I16(80)	I17(81)	I18(82)	I19(83)	I20(84)	I21(85)	I22(86)	I23(87)
PIN NO.	7	21	8	27	9	28	10	29	11	30	12	31	13
CON. NAME													



PAGE NO.	<b>TITLE</b>	IN PUT CONNECTION ( FOR SAUTER TURRET )		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 20	DESIGN	TONY	<b>DWG NO.</b>	
	CHECK			

I/O <X9> INPUT SCHEME <FAGOR 8055i CNC>

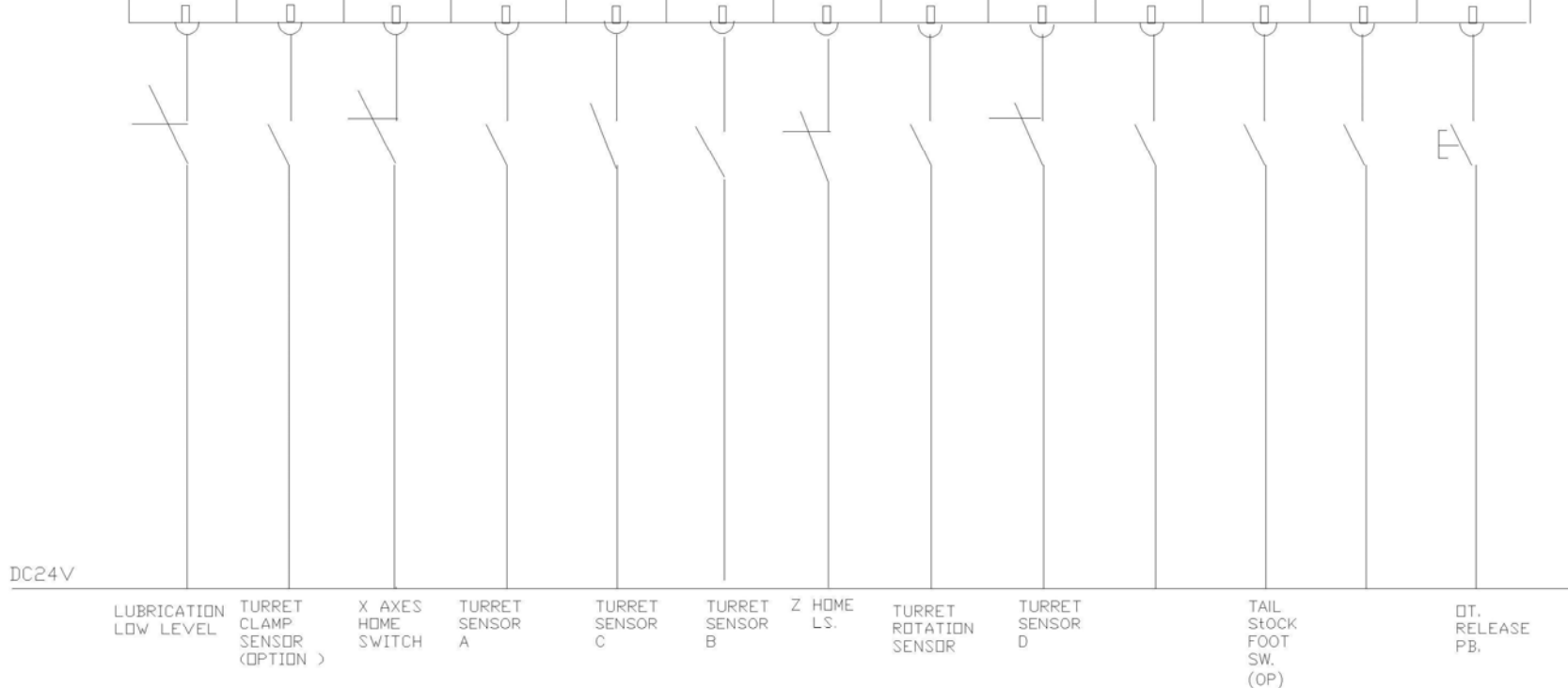
ADDRESS	I11<75>	I12<76>	I13<77>	I14<78>	I15<79>	I16<80>	I17<81>	I18<82>	I19<83>	I20<84>	I21<85>	I22<86>	I23<87>
PIN NO.	7	21	8	27	9	28	10	29	11	30	12	31	13
CON. NAME	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11



PAGE NO.	<b>TITLE</b> INPUT CONNECTION < FOR 4H-POWER TURRET >		NC TYPE	FAGOR 8055i
	DRAWN	TONY		
PAGE 20-1	DESIGN	TONY	DWG NO.	
	CHECK			

I/O <X9> INPUT SCHEME (FAGOR 8055i CNC)

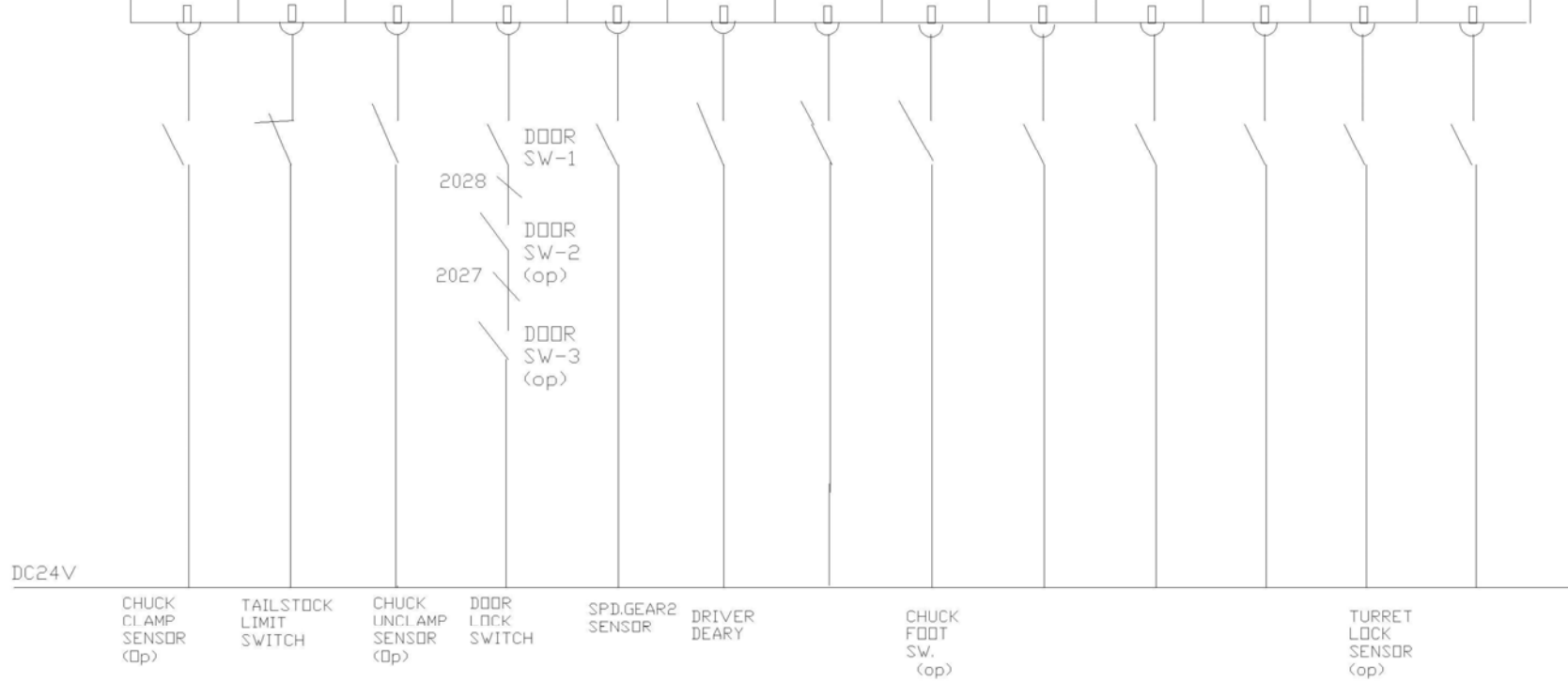
ADDRESS	I11(75)	I12(76)	I13(77)	I14(78)	I15(79)	I16(80)	I17(81)	I18(82)	I19(83)	I20(84)	I21(85)	I22(86)	I23(87)
PIN NO:	7	21	8	27	9	28	10	29	11	30	12	31	13
CON. NAME	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11	-X11



PAGE NO.	<b>TITLE</b> INPUT CONNECTION ( FOR 6 KING ABS HYD. TURRET )		NC TYPE	FAGOR 8055i
	DRAWN	TONY		
PAGE 20-1	DESIGN	TONY	DWG NO.	
	CHECK			

I/O <X9><X7> INPUT SCHEME (FAGOR 8055i CNC)

ADDRESS	I24<88>	I25<89>	I26<90>	I27<91>	I28<92>	I29<93>	I30<94>	I31<95>	I32<96>	I33<97>	I34<98>	I35<99>	I36<100>
PIN NO:	32	14	33	15	34	16	35	17	36	14	33	15	34
CON. NAME													



PAGE NO.	<b>TITLE</b> FAGOR INPUT CONNECTION		NC TYPE	FAGOR 8055i
	DRAWN	TONY		
PAGE 21	DESIGN	TONY	DWG NO.	
	CHECK			

I/O (X9)(X7) INPUT SCHEME (FAGOR 8055i CNC)

ADDRESS	I24(88)	I25(89)	I26(90)	I27(91)	I28(92)	I29(93)	I30(94)	I31(95)	I32(96)	I33(97)	I34(98)	I35(99)	I36(100)
PIN NO:	32	14	33	15	34	16	35	17	36	14	33	15	34
CON. NAME													

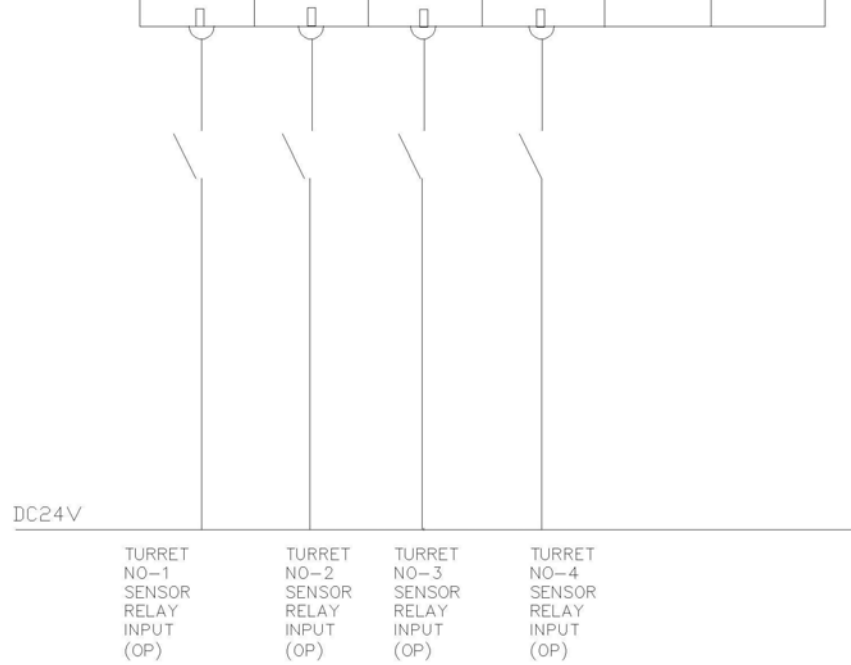
DC24V

CHUCK CLAMP SENSOR (DP)	TAILSTOCK LIMIT SWITCH	CHUCK UNCLAMP SENSOR (DP)	DOOR CLOSE SENSOR RELAY	SPD.GEAR2 SENSOR	DRIVER DEARY	MPG X AXES ON	CHUCK FOOT SW. ( op )	MPG EMG. STOP.PB (DP)	SYSTEM OK INPUT	MPG 10% ON	MPG 100% ON	MPG Z AXES ON
----------------------------------	------------------------------	------------------------------------	----------------------------------	---------------------	-----------------	---------------------	--------------------------------	--------------------------------	-----------------------	------------------	-------------------	---------------------

PAGE NO.	<b>TITLE</b>	FAGOR INPUT CONNECTION ( FOR MPG OPTION )	
	DRAWN	TONY	<b>NC TYPE</b> FAGOR 8055i
PAGE 21	DESIGN	TONY	<b>DWG NO.</b>
	CHECK		

I/O <X7> INPUT SCHEME (FAGOR 8055i CNC)

ADDRESS	I379(101)	I38(102)	I39(103)	I40(104)		
PIN NO:	16	35	17	36		
CON. NAME	-X11	-X11	-X11	-X11		

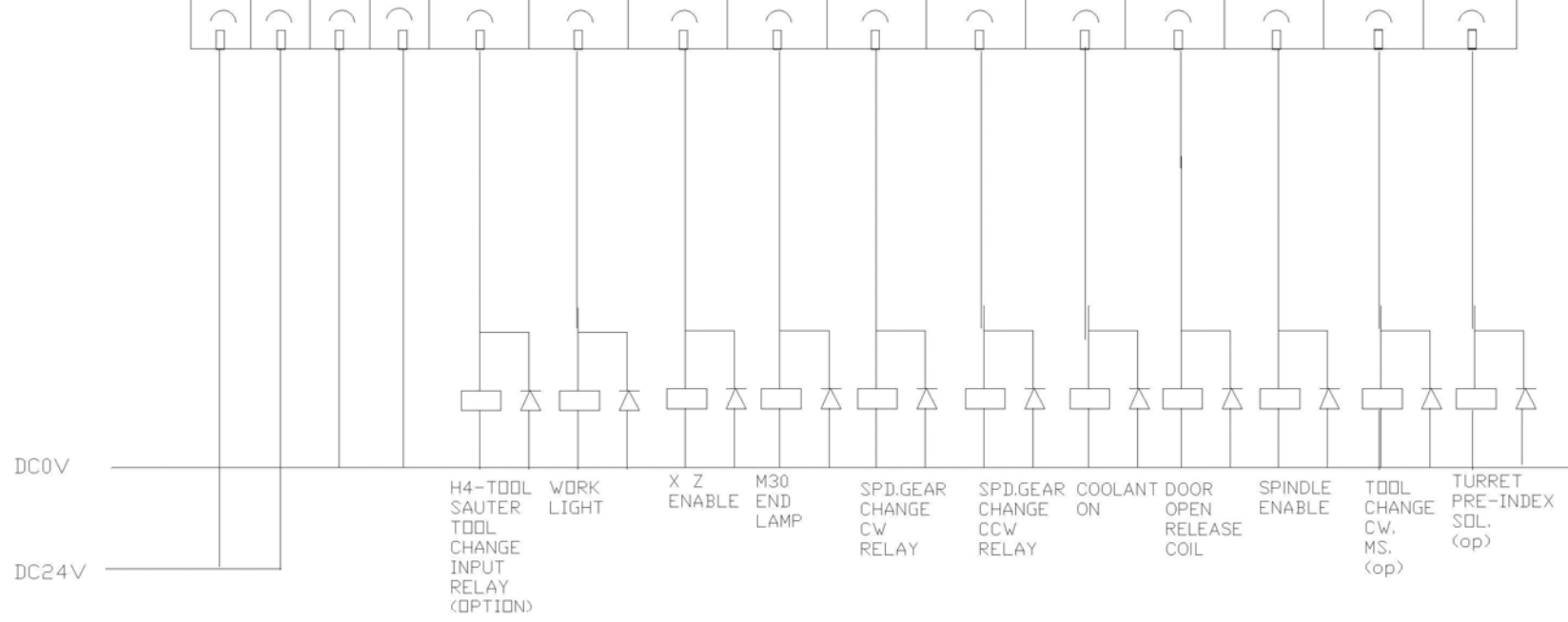


PAGE NO.	TITLE	FAGOR INPUT CONNECTION			
	DRAWN	TONY	NC TYPE	FAGOR 8055i	
PAGE 22	DESIGN	TONY	DWG NO.		
	CHECK				



<X7> OUTPUT SCHEME (FAGOR 8055i CNC )

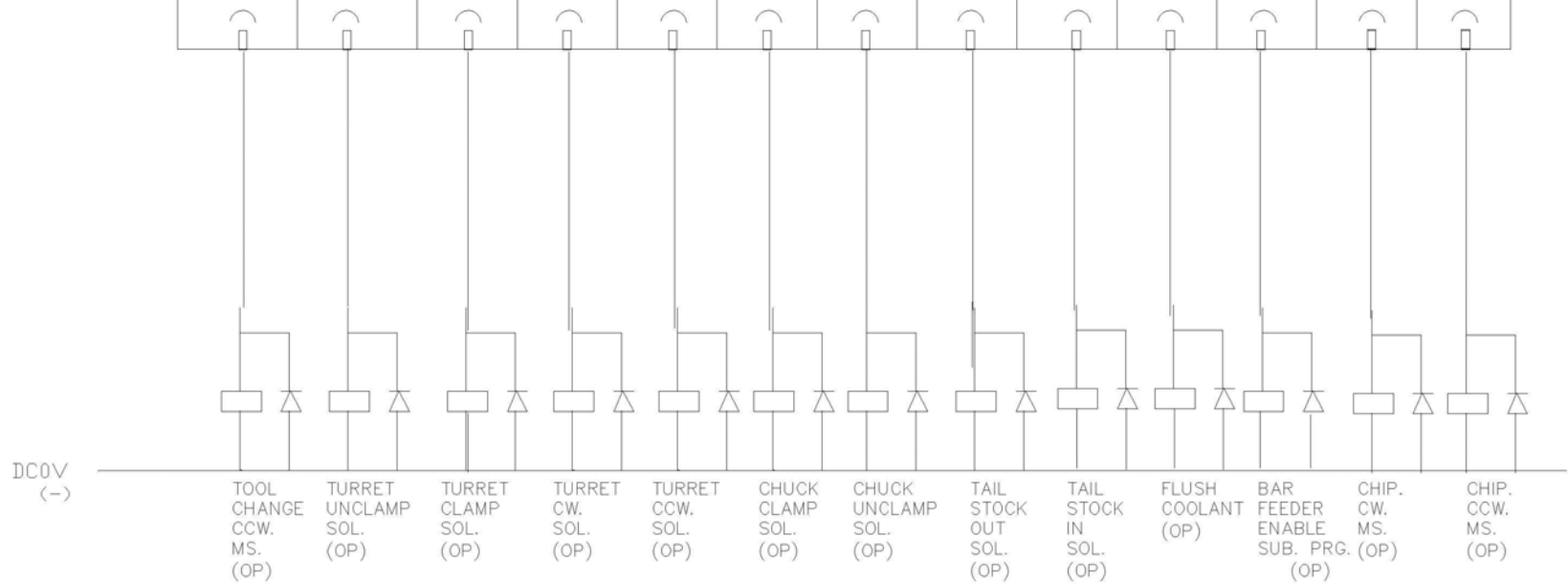
ADDRESS	24V	24V	0V	0V	01(33)	02(34)	03(35)	04(36)	05(37)	06(38)	07(39)	08(40)	09(41)	010(42)	011(43)
PIN NO:	1	20	18	19	2	21	3	22	4	23	5	24	6	25	7
CON. NAME	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10



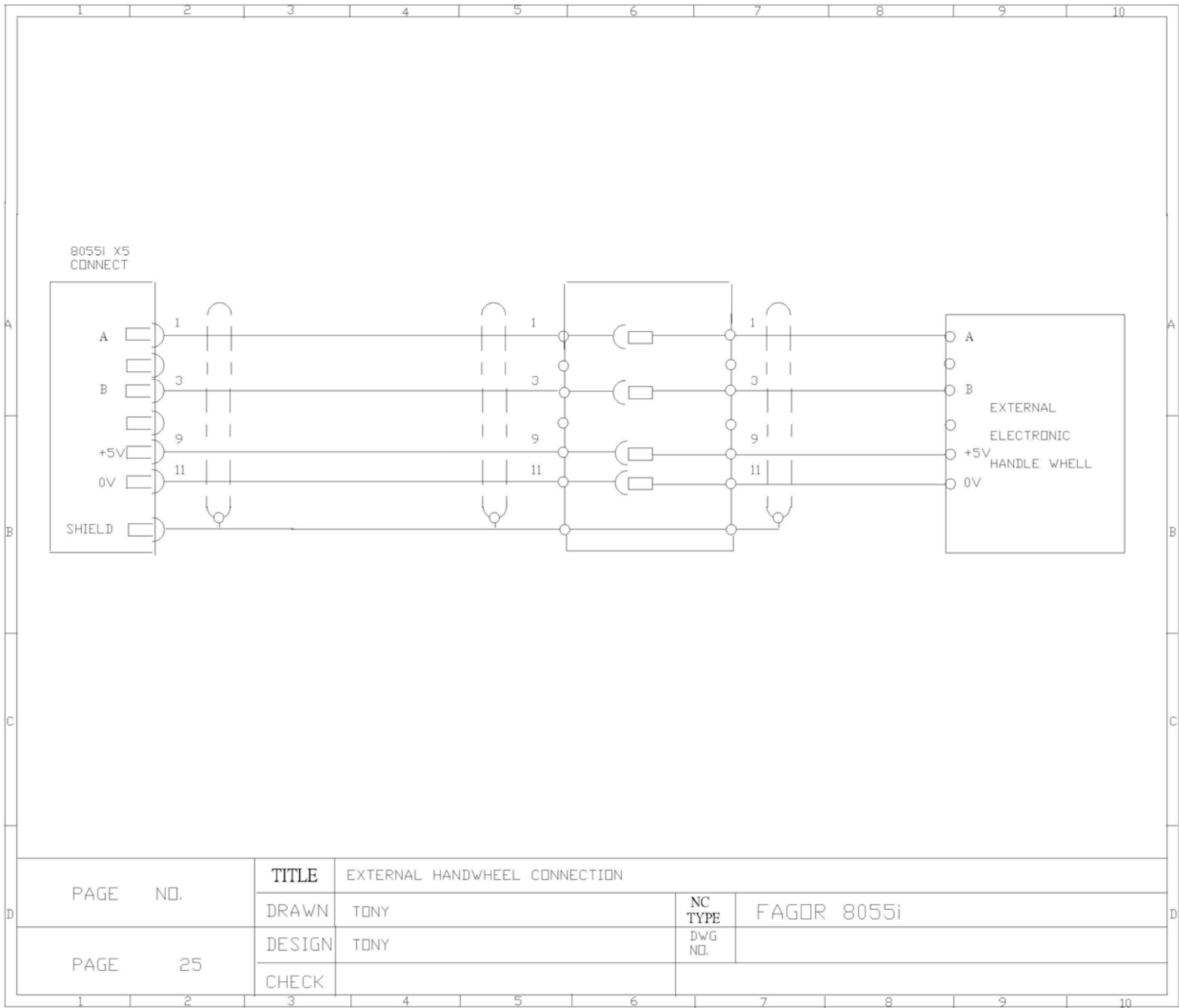
PAGE NO.	TITLE	FAGOR OUTPUT CONNECTION			
	DRAWN	TONY	NC TYPE	FAGOR 8055i	
PAGE 23	DESIGN	TONY	DWG NO.		
	CHECK				

(X7) OUTPUT SCHEME (FAGOR 8055i CNC)

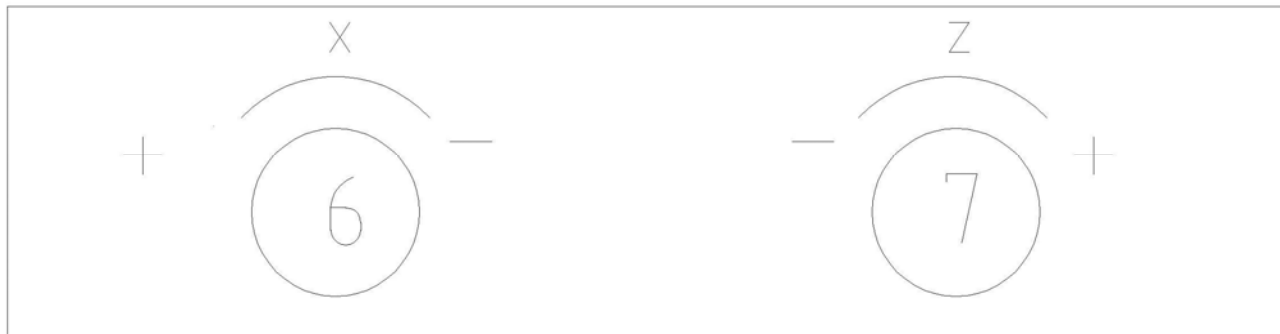
ADDRESS	012<44>	013<45>	014<46>	015<47>	016<48>	017<49>	018<50>	019<51>	020<52>	021<53>	022<54>	023<55>	024<56>
PIN NO.	26	8	27	9	28	10	29	11	30	12	31	13	32
CDN. NAME	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10	-X10



PAGE NO.	<b>TITLE</b>	OUTPUT CONNECTION	
	DRAWN	TONY	NC TYPE FAGOR 8055i
PAGE 24	DESIGN	TONY	DWG NO.
	CHECK		

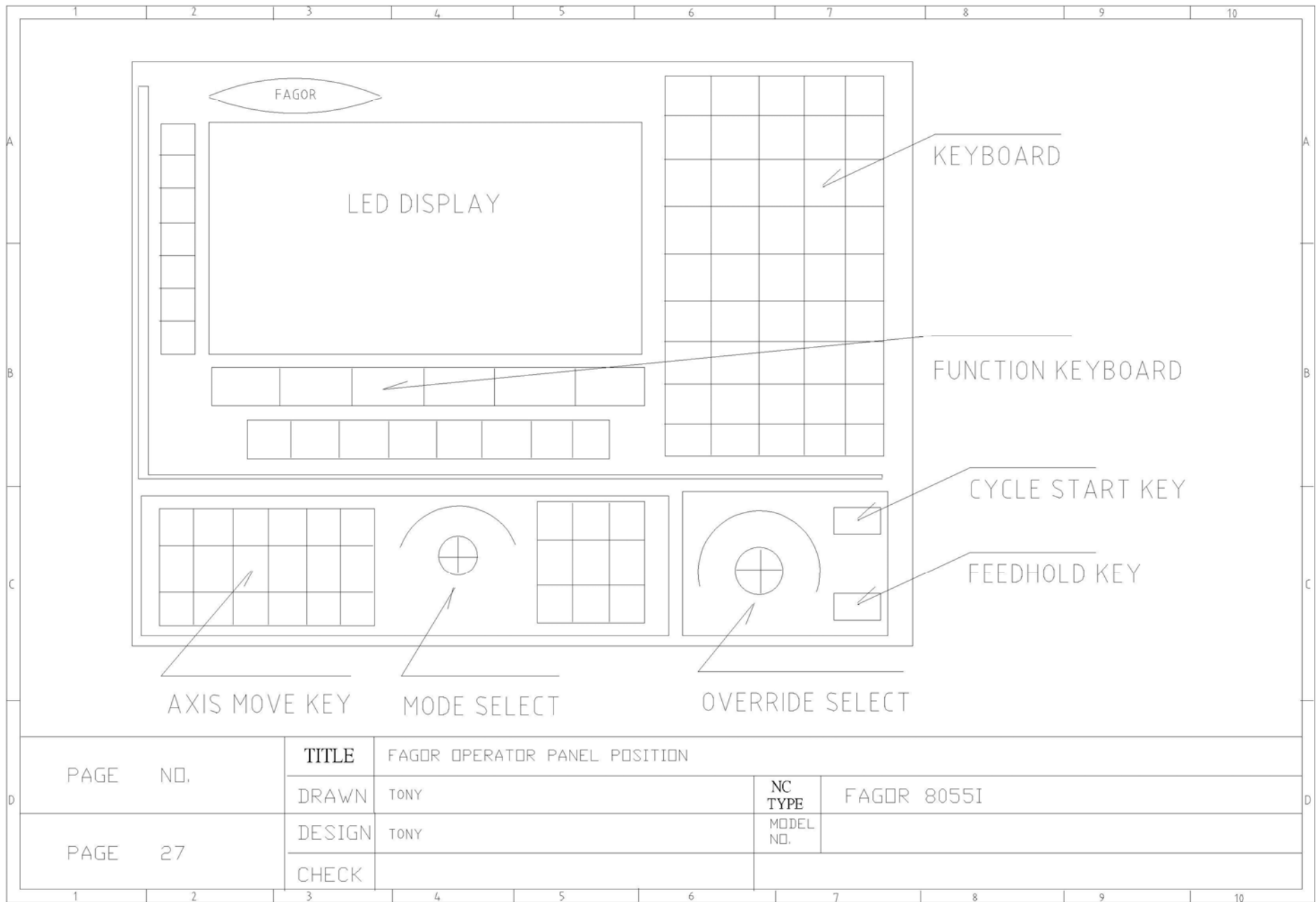


PAGE NO.	TITLE	EXTERNAL HANDWHEEL CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 25	DESIGN	TONY	DWG NO.	
	CHECK			

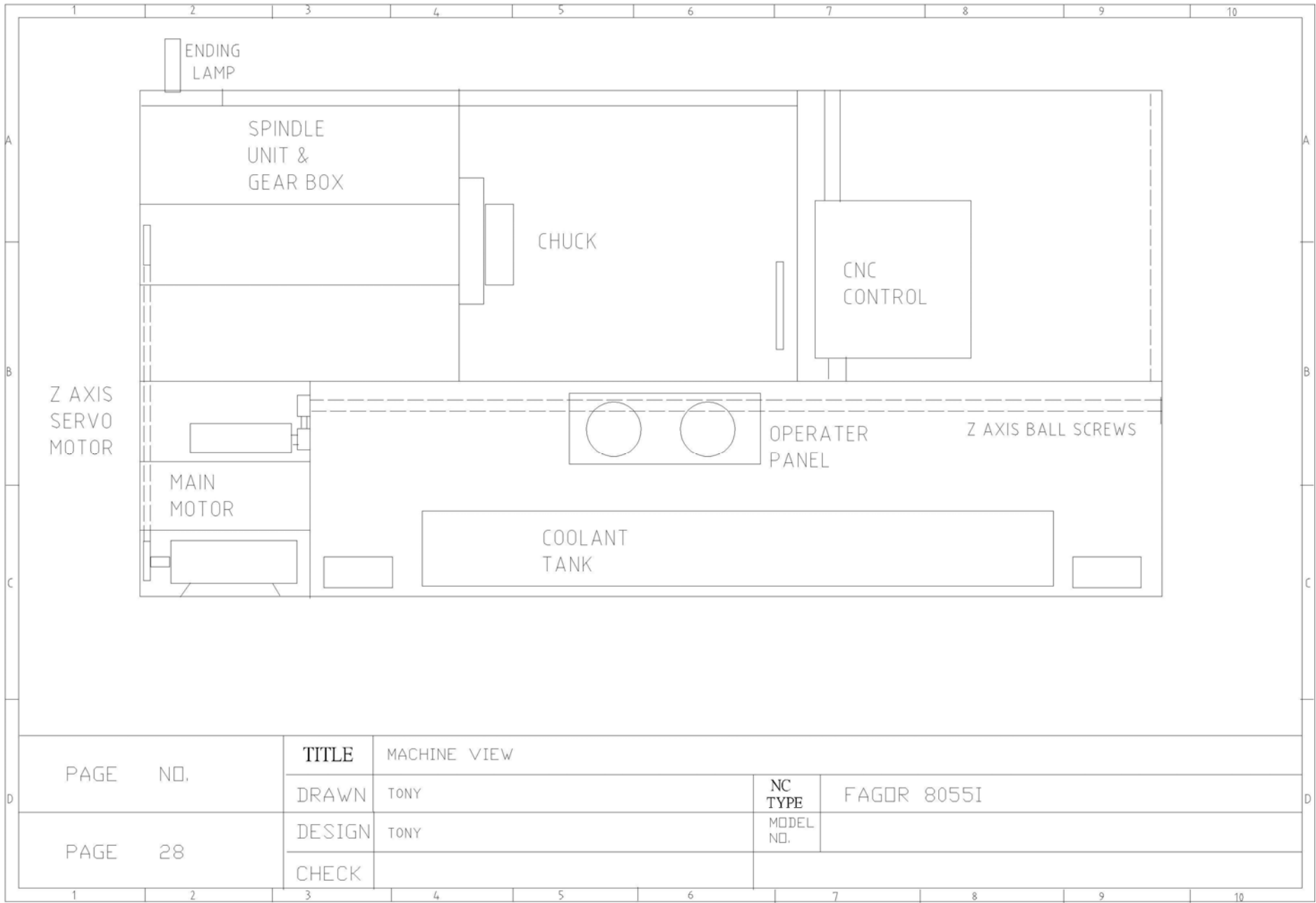


1	EMERGENCY STOP	2	power on	3	power off
4	power lamp	5	OT RELEASE	6	X HAND WHEEL
7	Z HAND WHEEL				

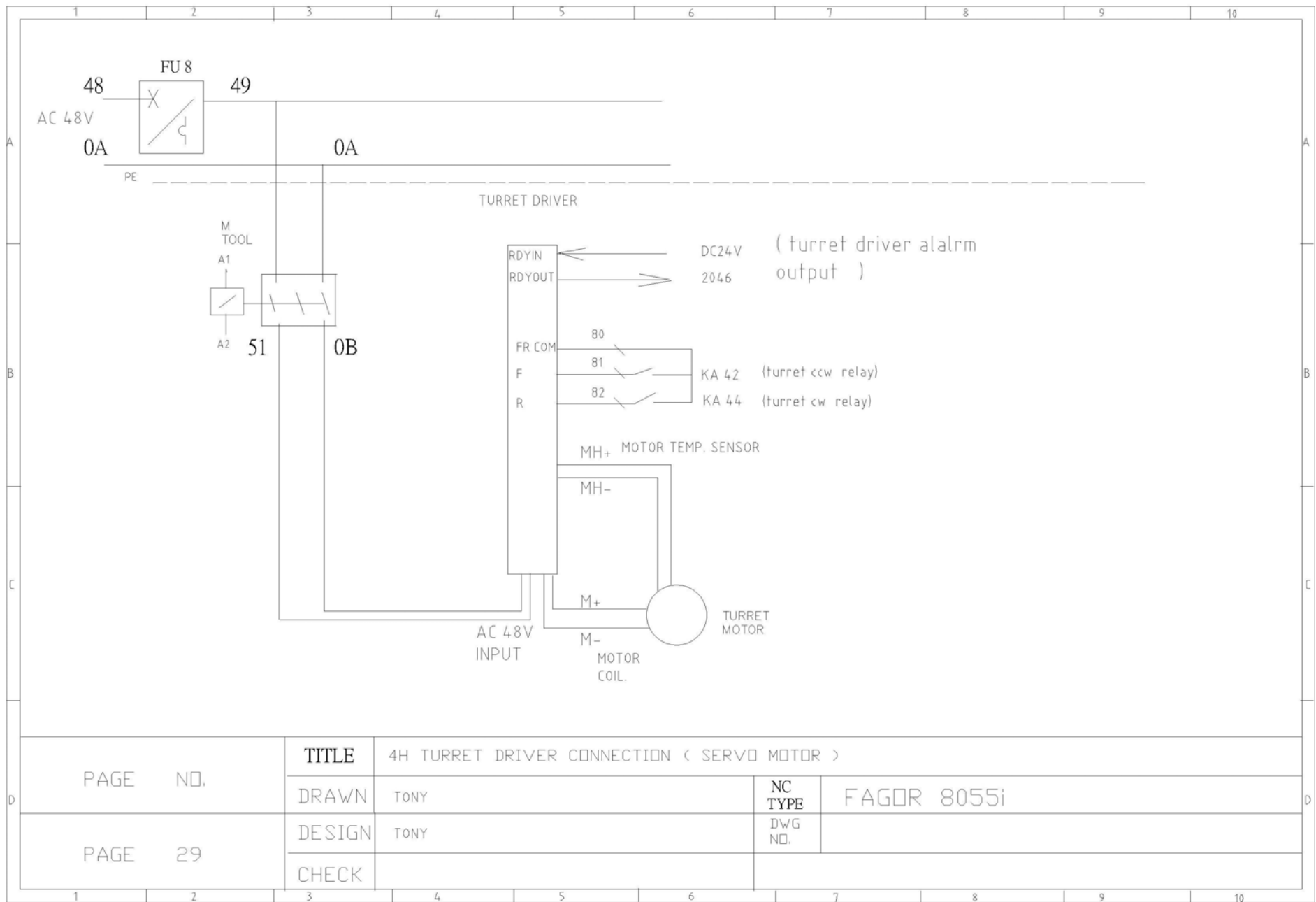
PAGE NO.	<b>TITLE</b>	OPERATOR PANEL POSITION			
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i	
PAGE 26	DESIGN	TONY	MODEL NO.		
	CHECK				



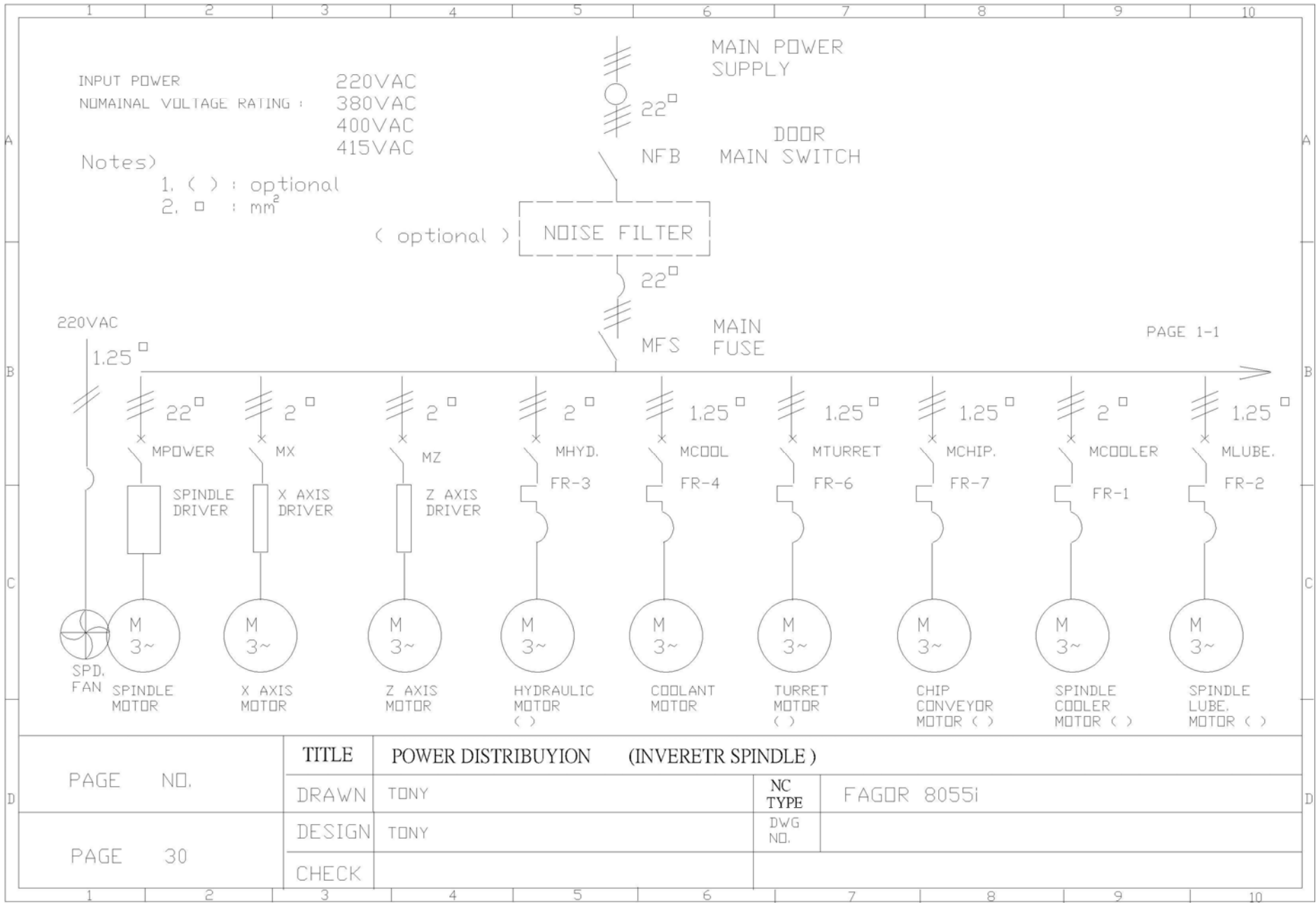
PAGE NO.	<b>TITLE</b>	FAGOR OPERATOR PANEL POSITION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055I
PAGE 27	DESIGN	TONY	MODEL NO.	
	CHECK			



PAGE NO.	<b>TITLE</b>	MACHINE VIEW		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055I
PAGE 28	DESIGN	TONY	MODEL NO.	
	CHECK			



PAGE NO.	<b>TITLE</b>	4H TURRET DRIVER CONNECTION ( SERVO MOTOR )		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 29	DESIGN	TONY	DWG NO.	
	CHECK			



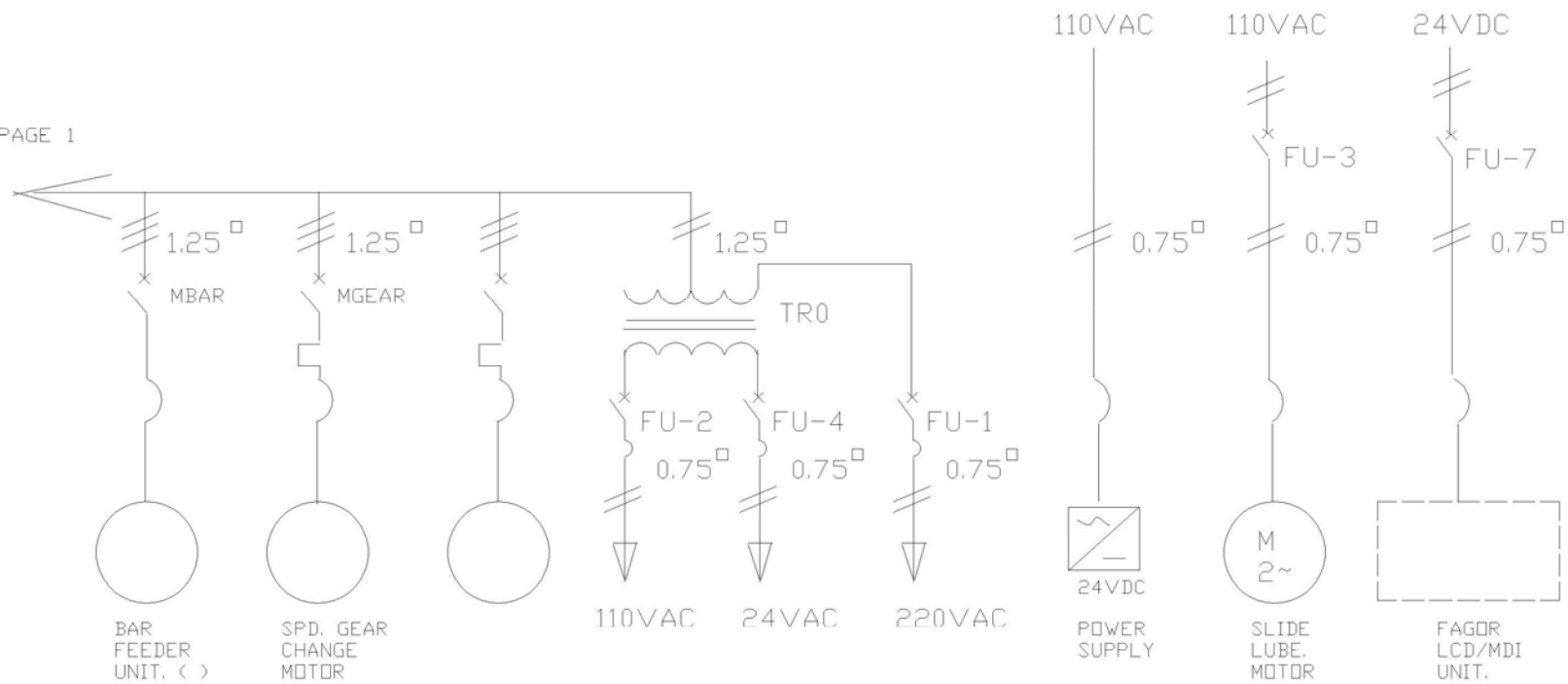
PAGE NO.	TITLE	POWER DISTRIBUTION (INVERTER SPINDLE)		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 30	DESIGN	TONY	DWG NO.	
	CHECK			



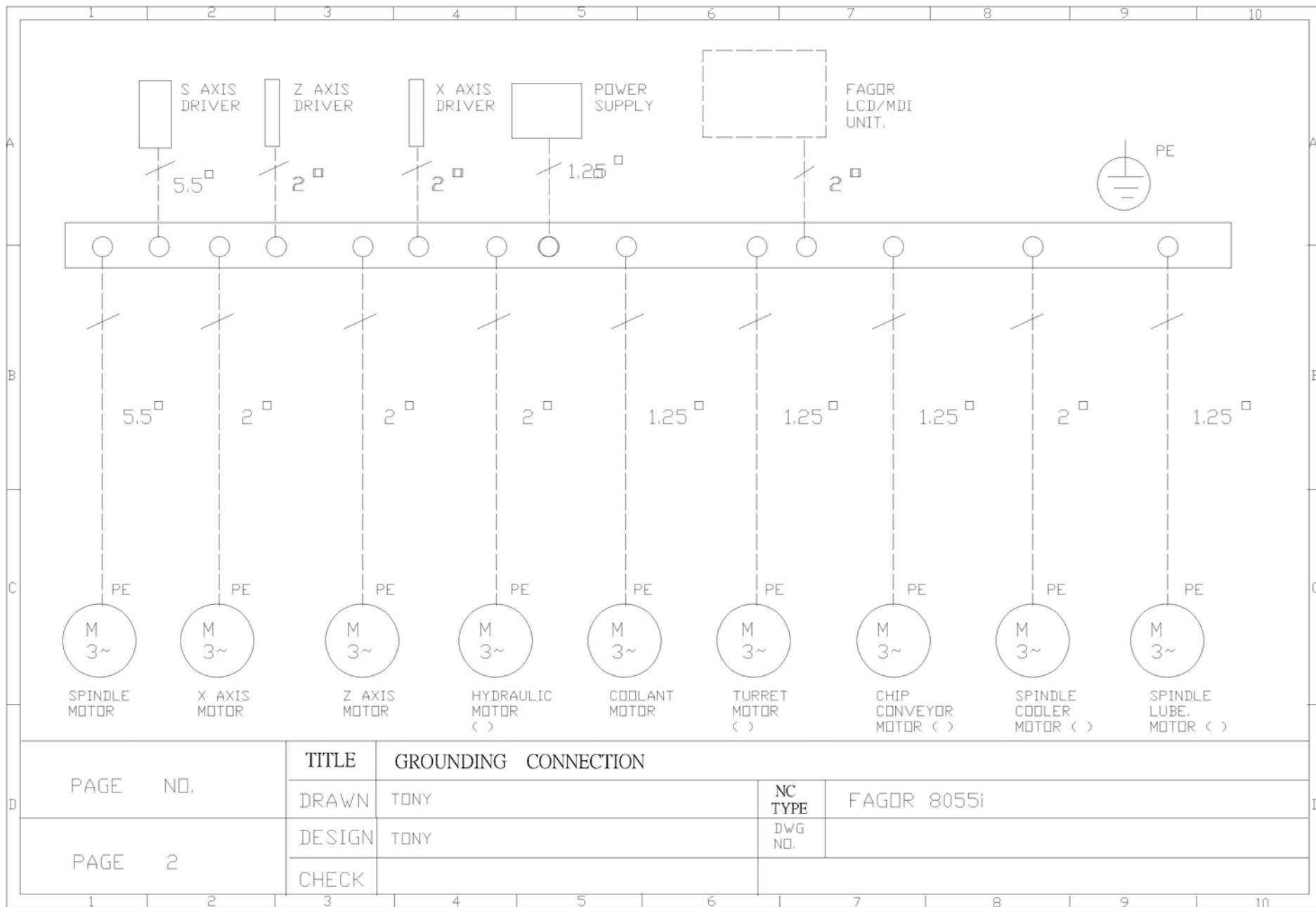
Notes)

1. ( ) : optional
2. □ : mm<sup>2</sup>

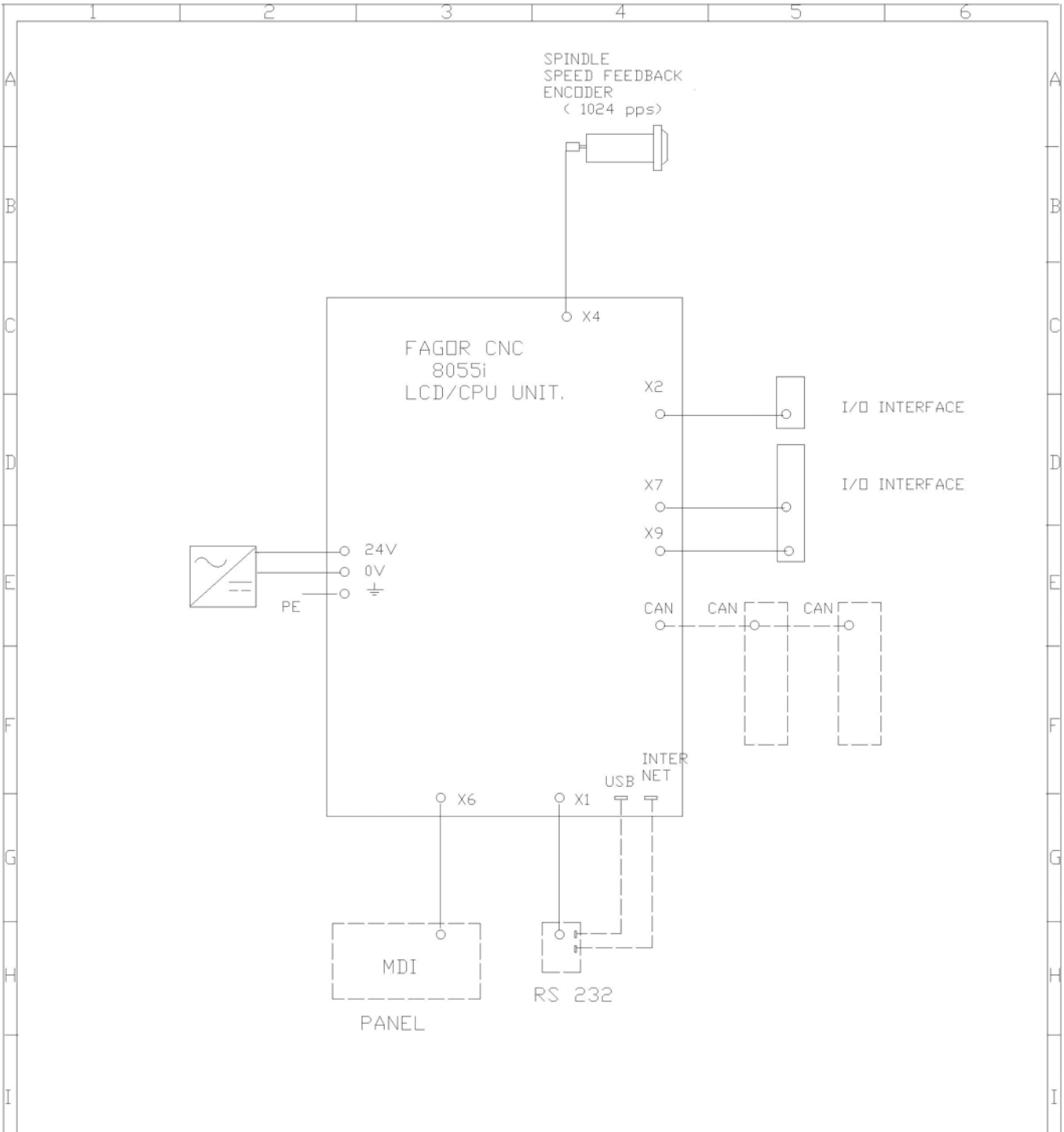
PAGE 1



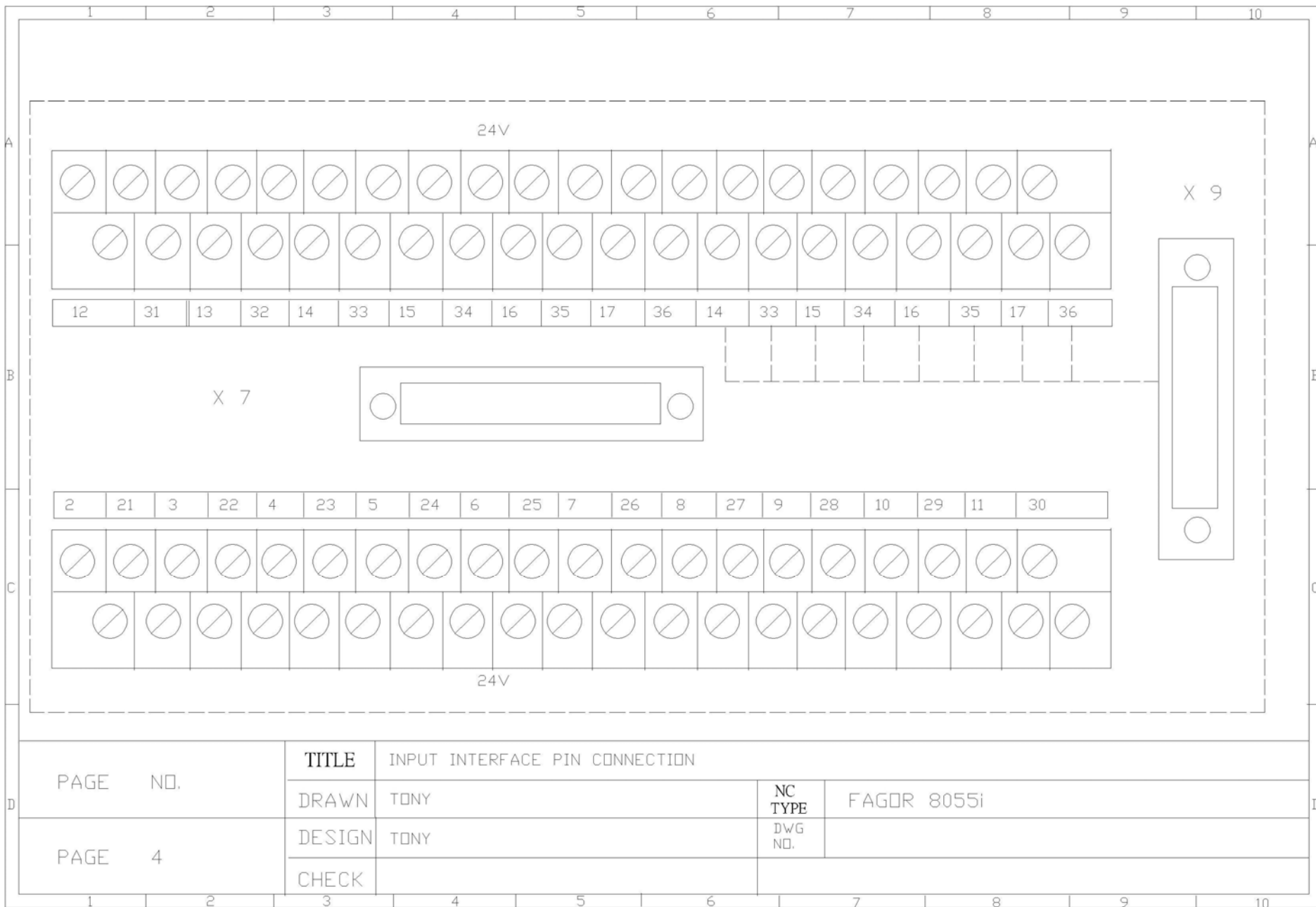
PAGE NO.		TITLE		POWER DISTRIBUTION	
PAGE 1-1		DRAWN		TONY	
PAGE 1-1		DESIGN		TONY	
PAGE 1-1		CHECK			
		NC TYPE		FAGOR 8055i	
		DWG NO.			



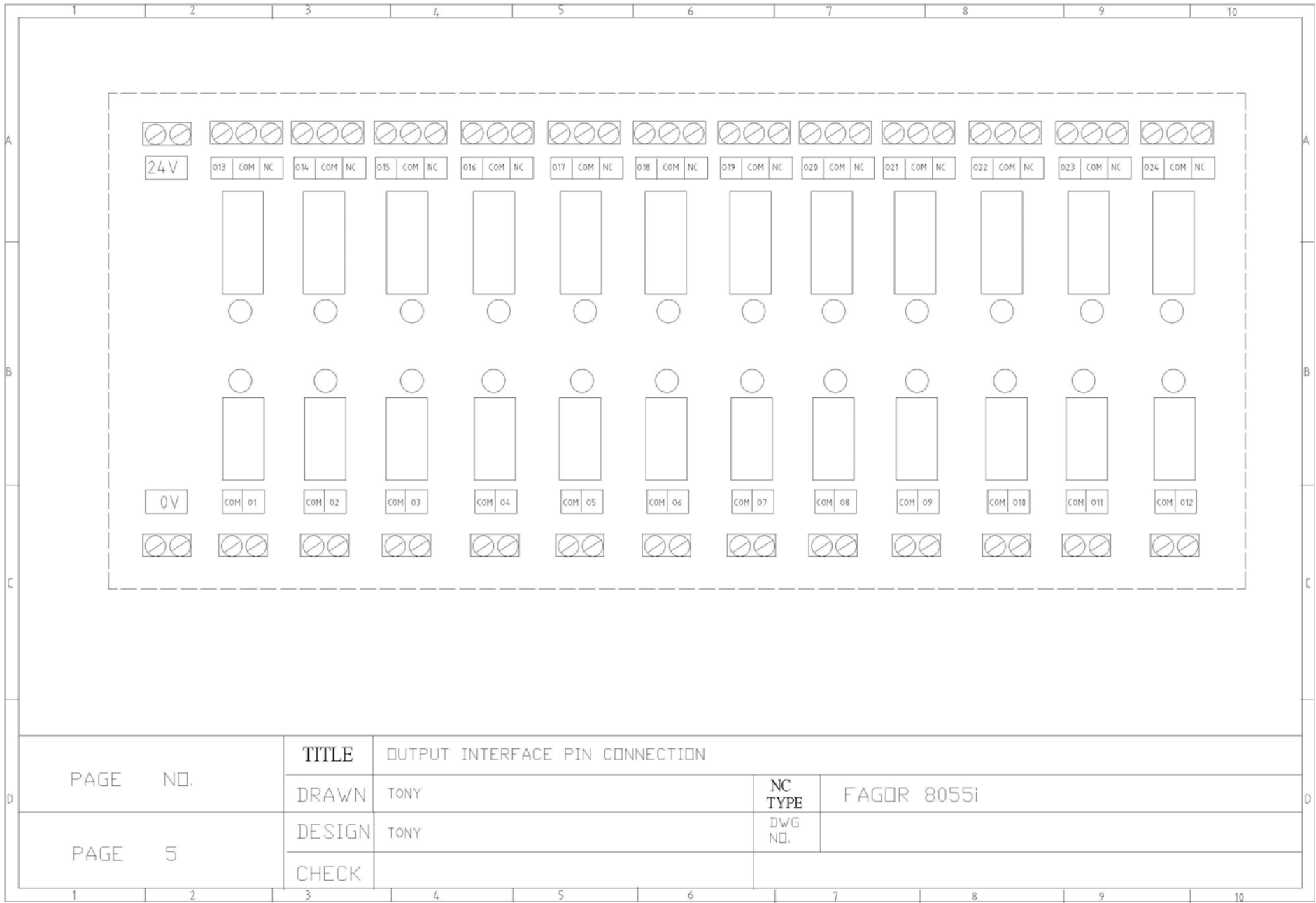
PAGE NO.		TITLE	GROUNDING CONNECTION	
PAGE 2	DRAWN	TONY	NC TYPE	FAGOR 8055i
	DESIGN	TONY	DWG NO.	
	CHECK			



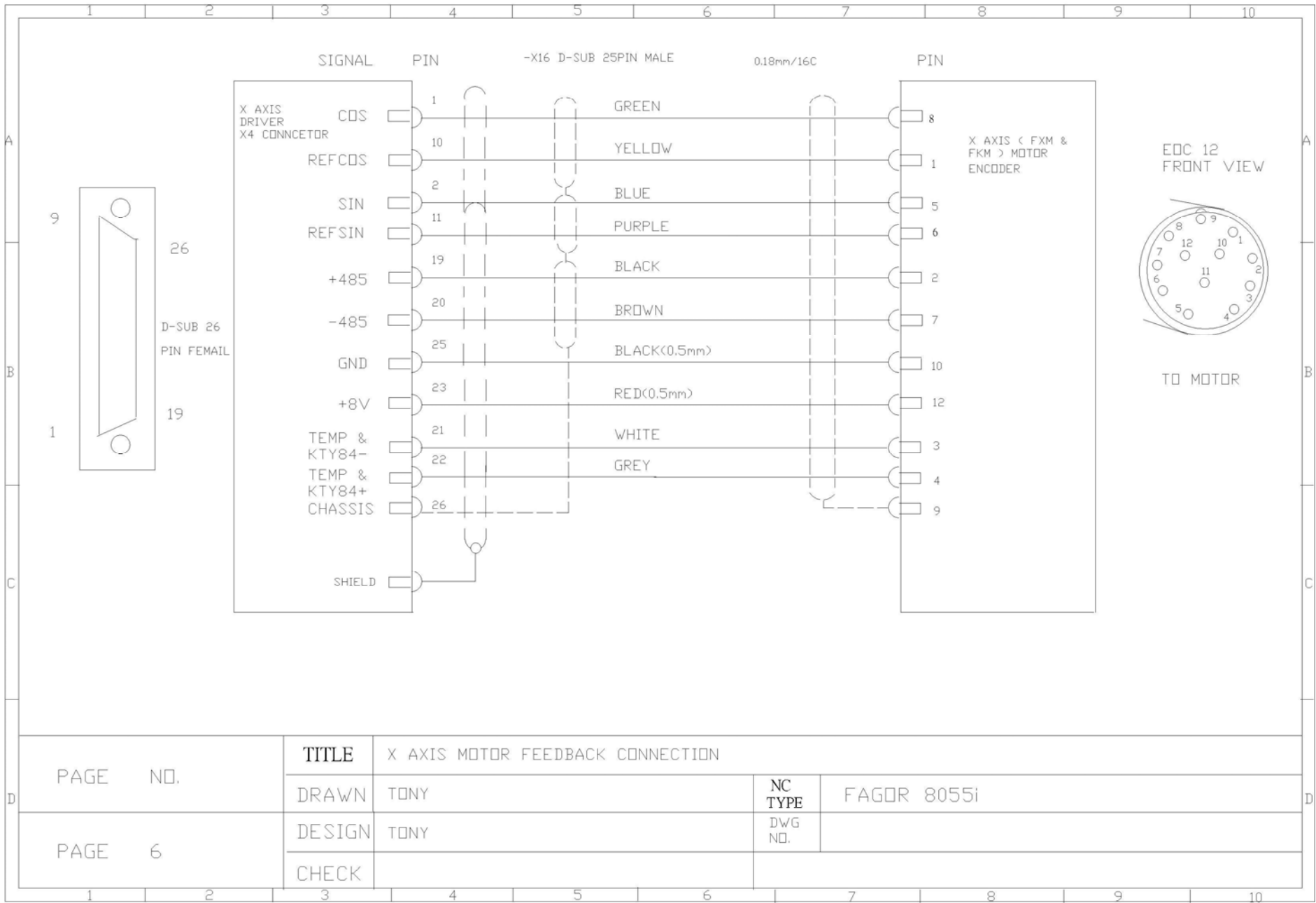
PAGE NO.	TITLE	8055i CNC I/O CONNECTION		
	DRAWN	TONY	NC TYPE	FAGOR 8055i
PAGE 3	DESIGN	TONY	DWG NO.	
	CHECK			

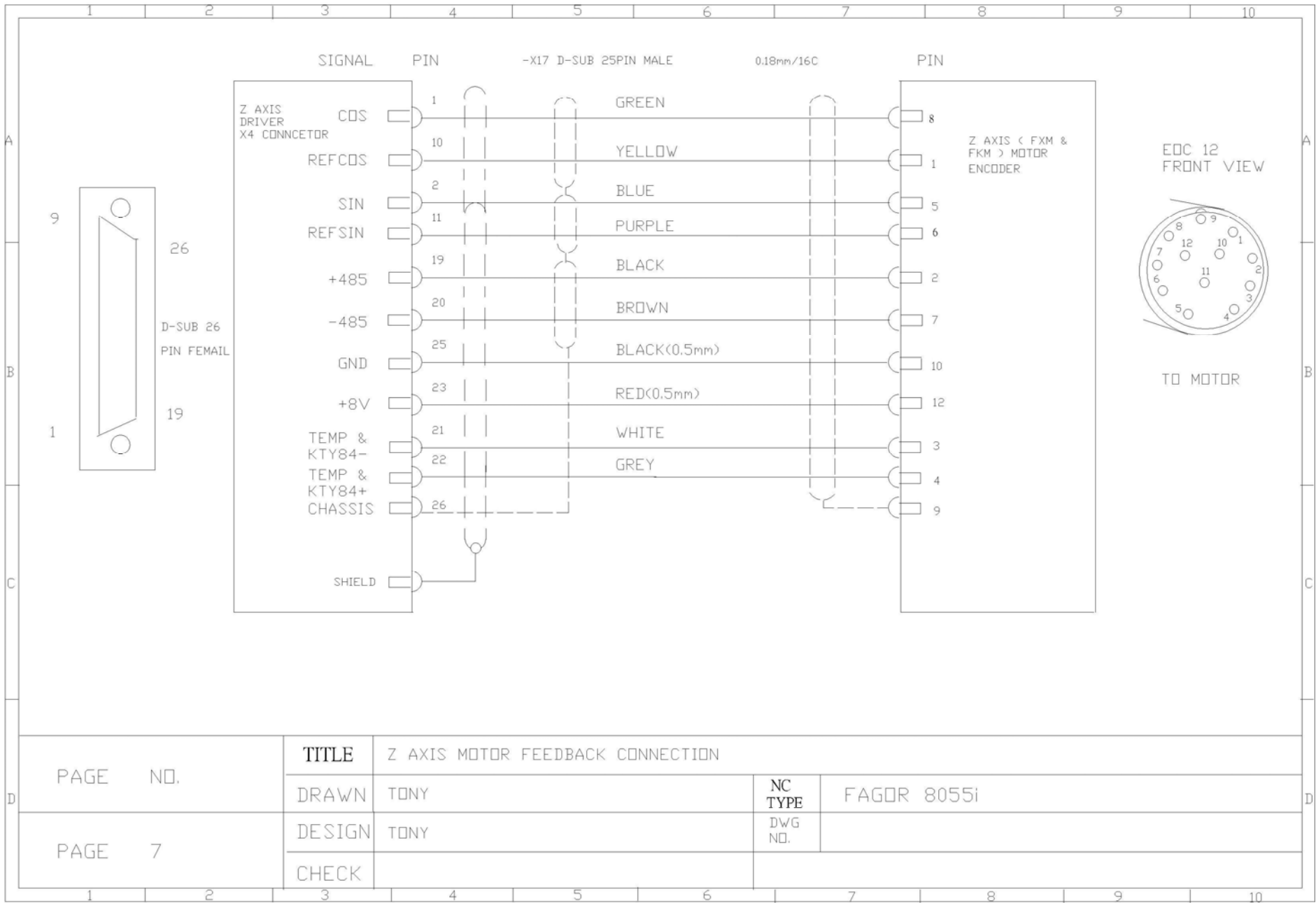


PAGE NO.	<b>TITLE</b>	INPUT INTERFACE PIN CONNECTION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 4	DESIGN	TONY	DWG NO.	
	CHECK			



PAGE NO.	<b>TITLE</b>	OUTPUT INTERFACE PIN CONNECTION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 5	DESIGN	TONY	DWG NO.	
	CHECK			





PAGE NO.	<b>TITLE</b>	Z AXIS MOTOR FEEDBACK CONNECTION		
	DRAWN	TONY	<b>NC TYPE</b>	FAGOR 8055i
PAGE 7	DESIGN	TONY	DWG NO.	
	CHECK			