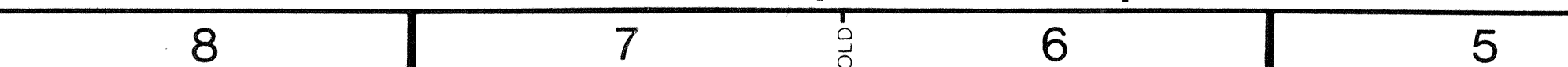
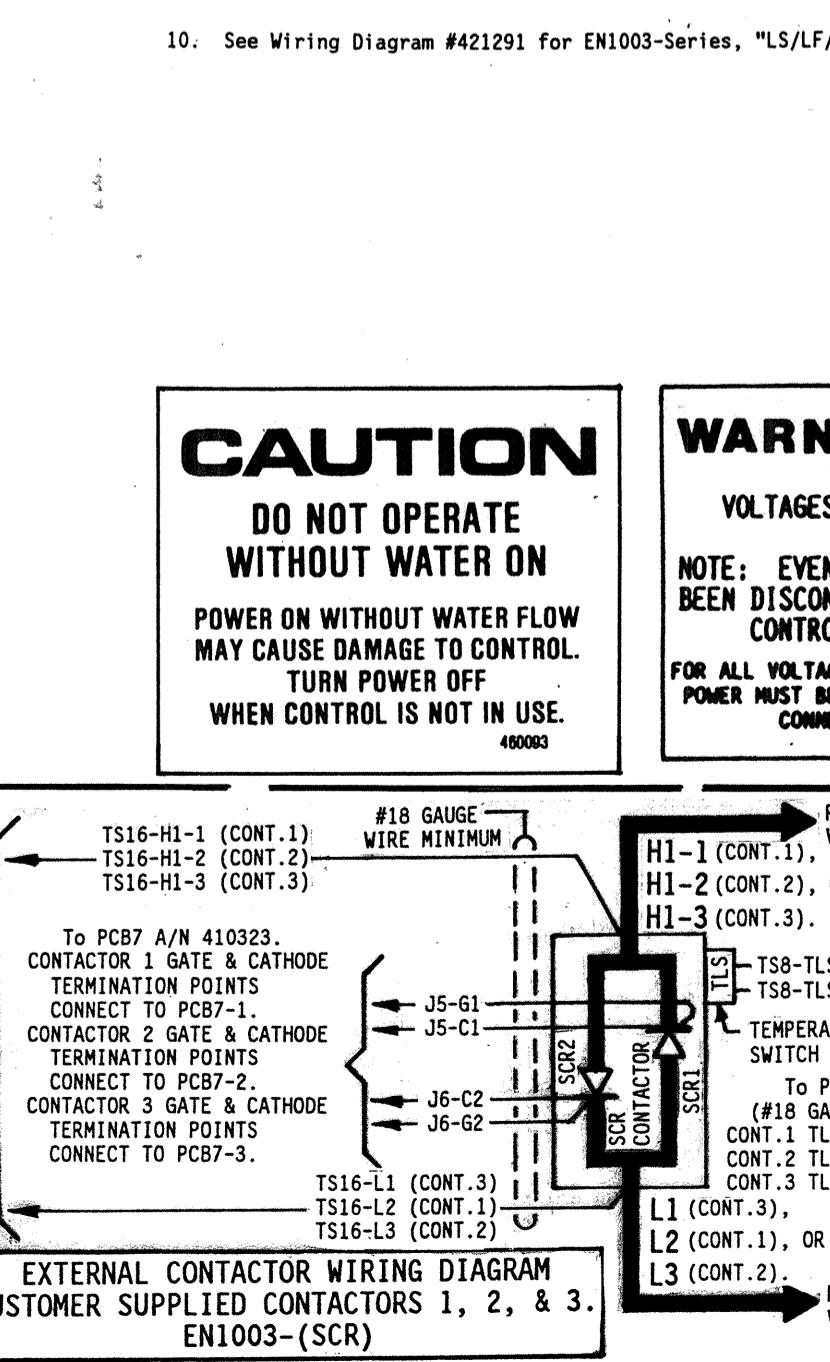
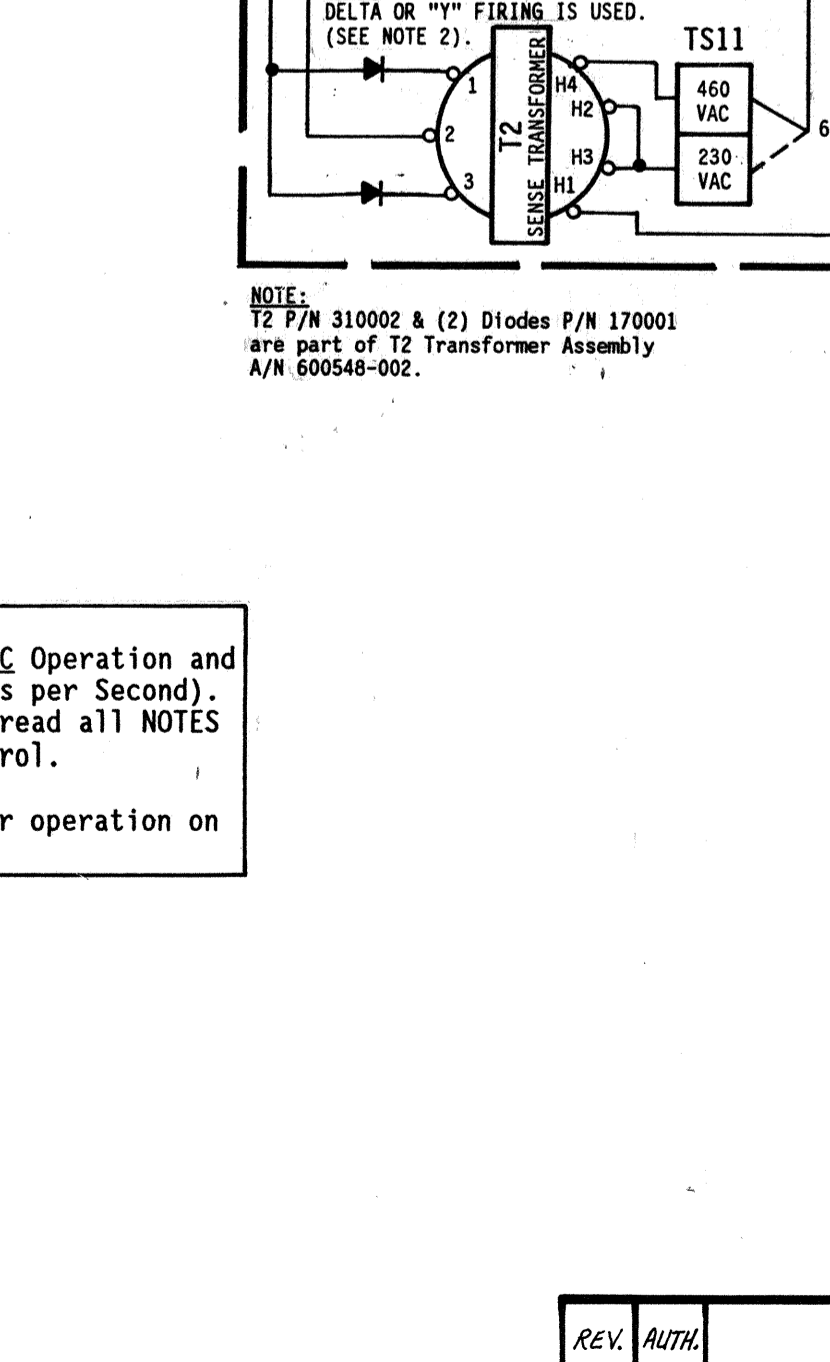
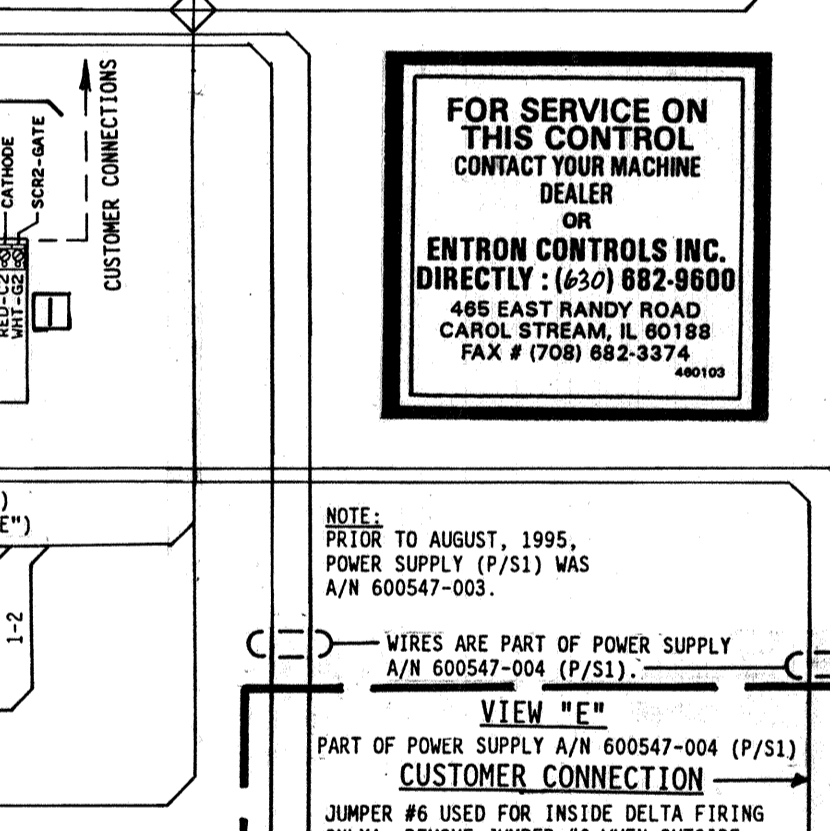
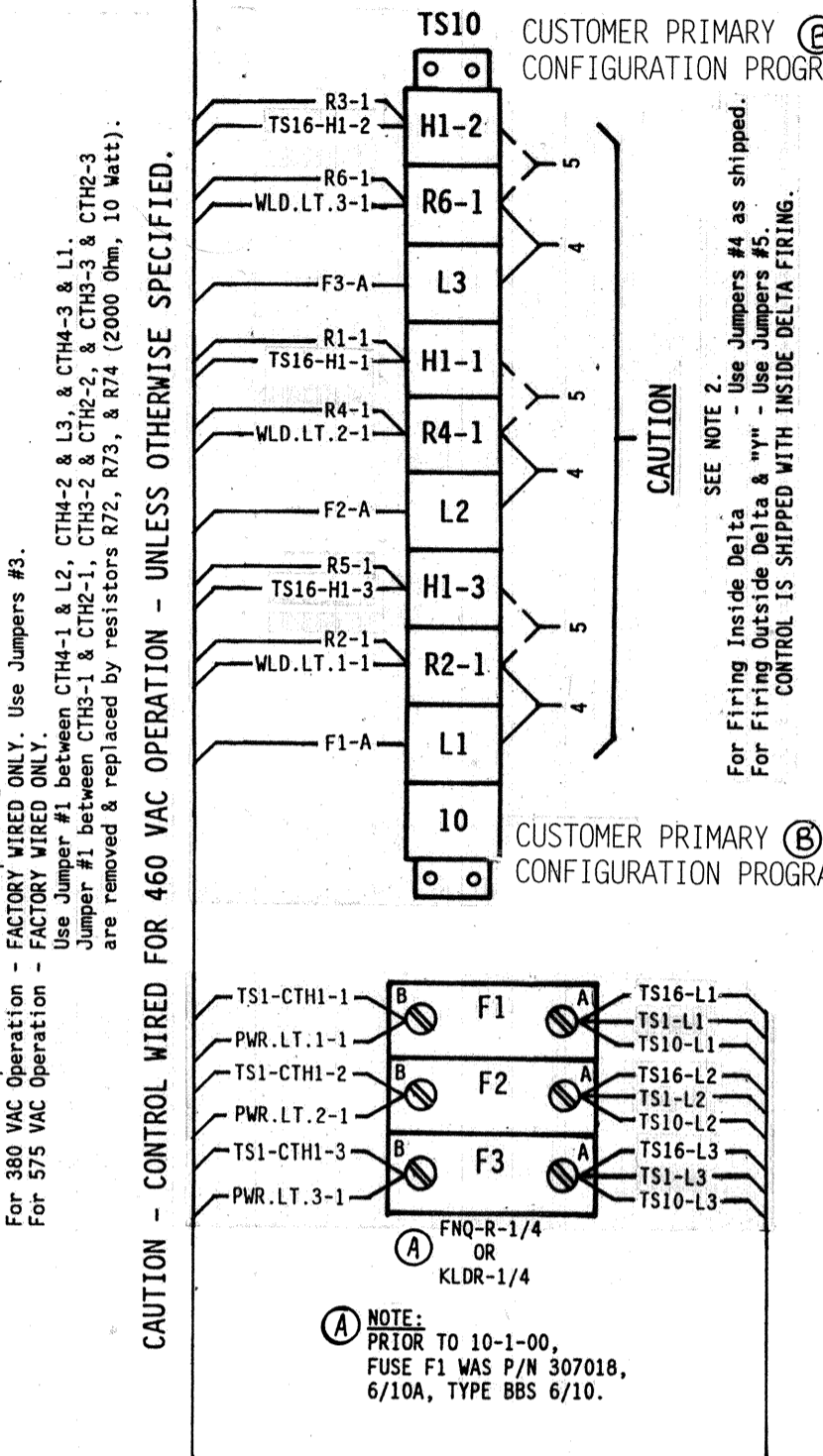
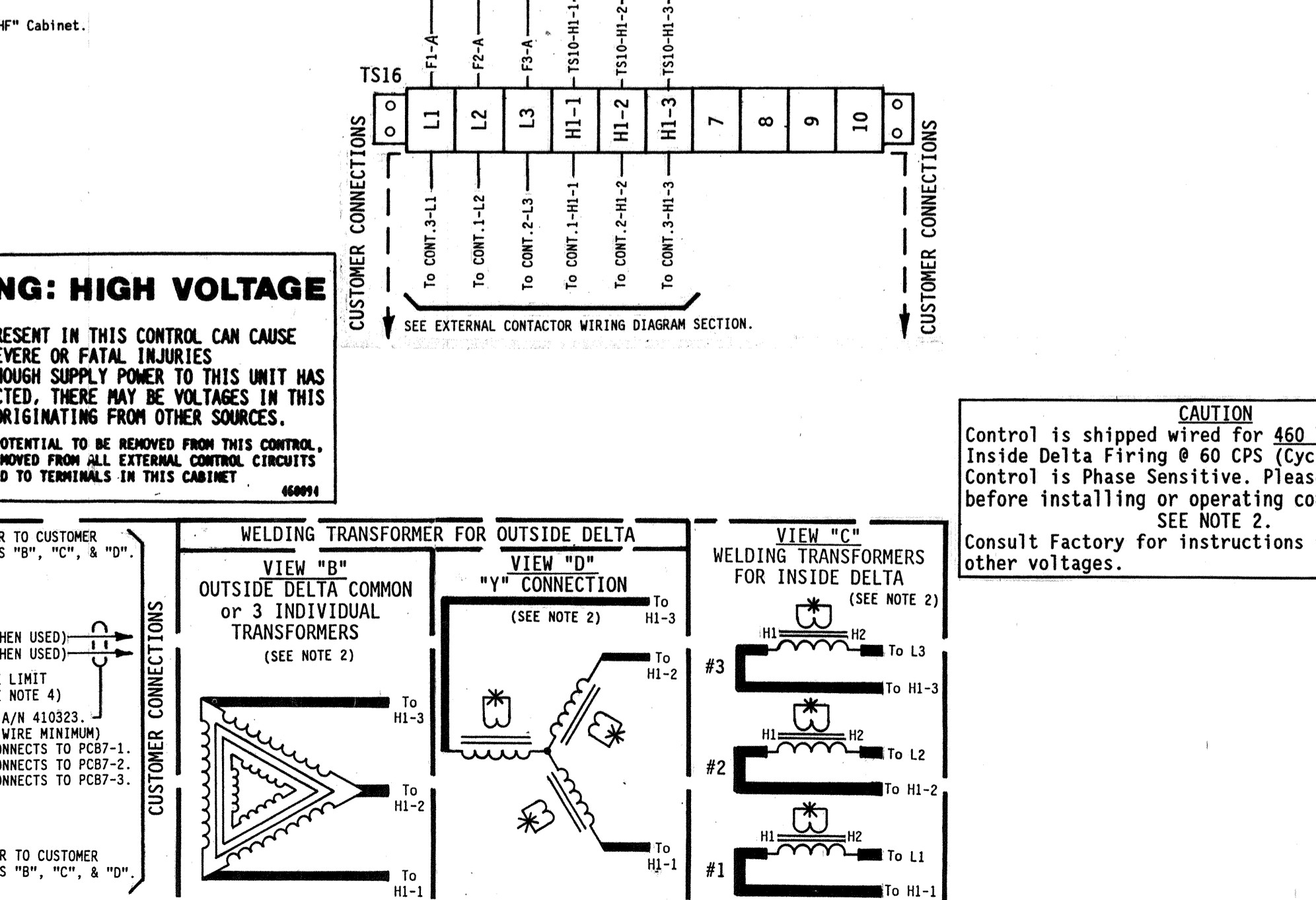
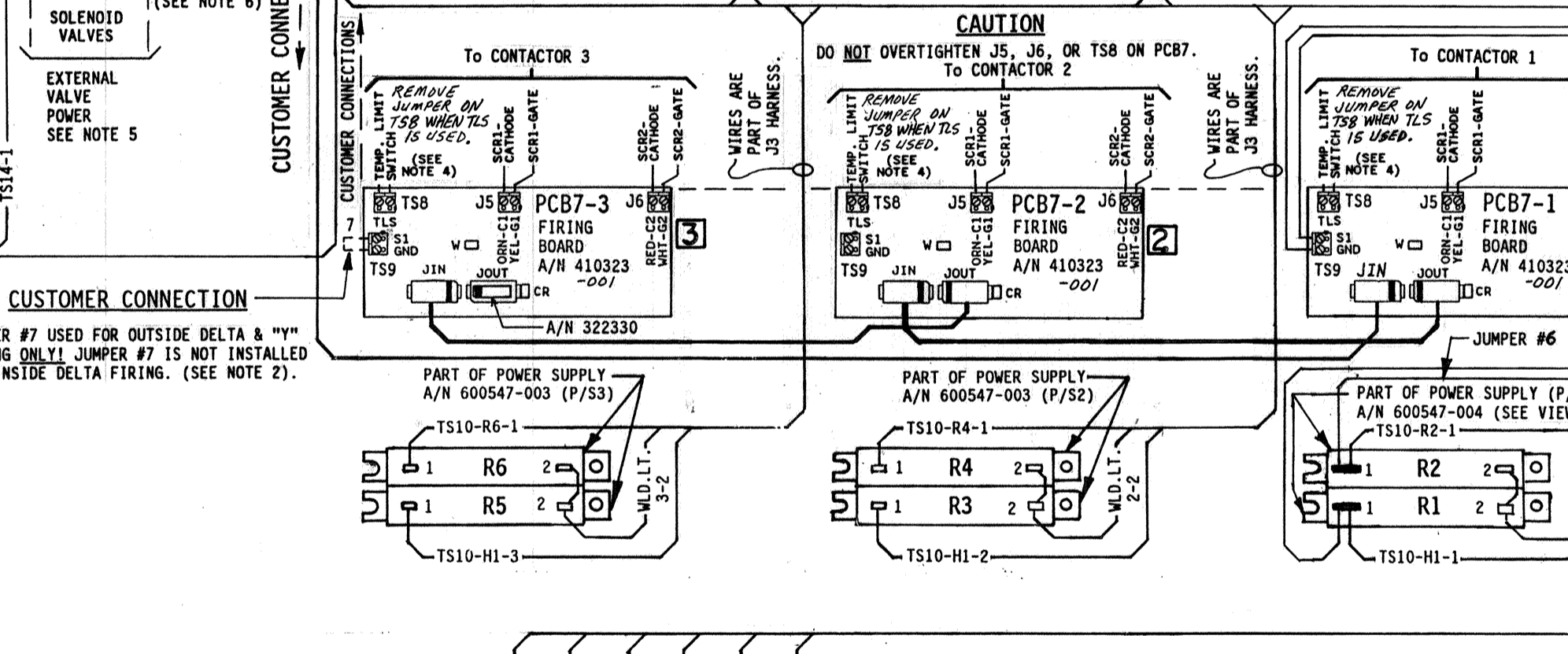
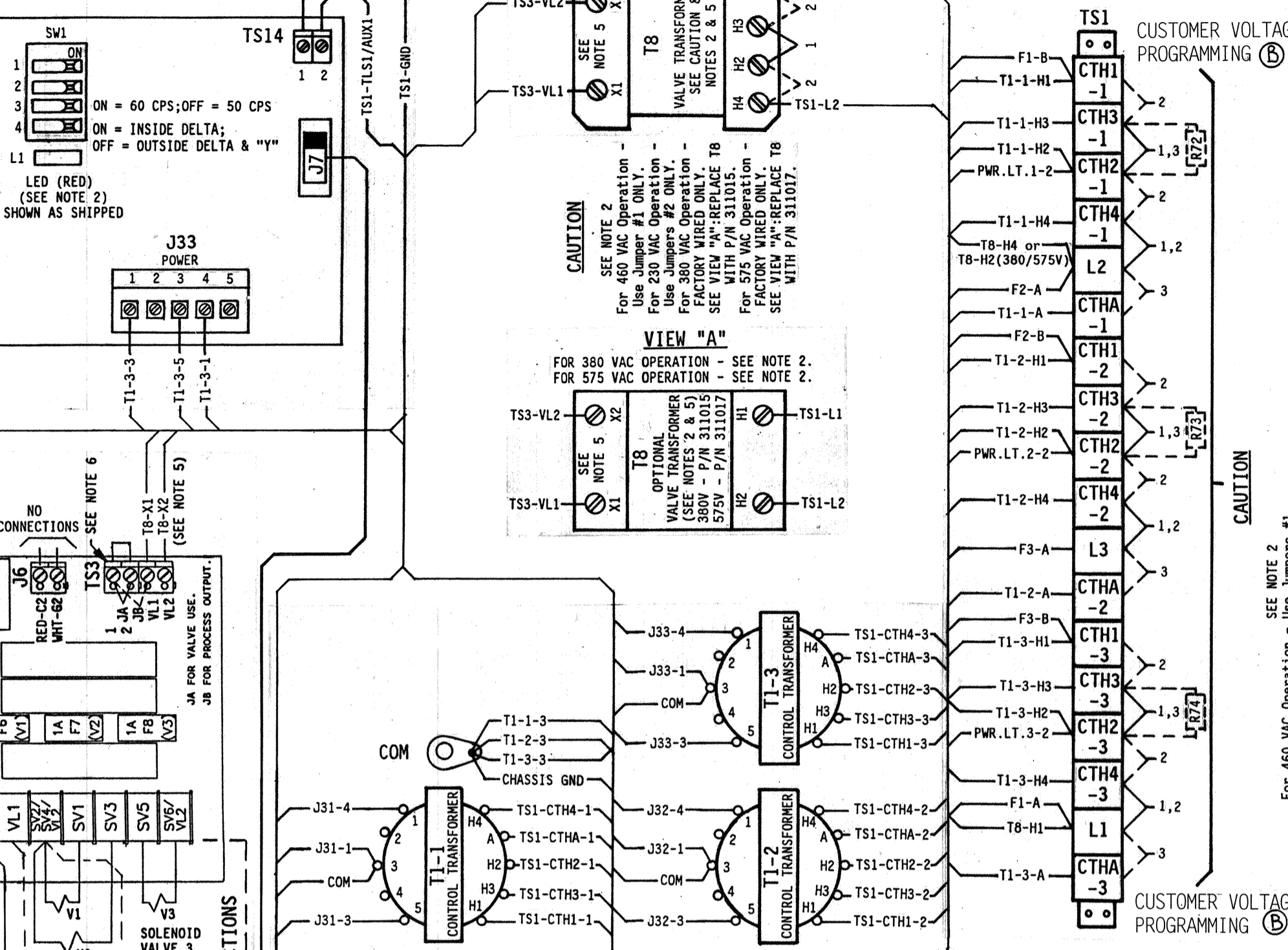
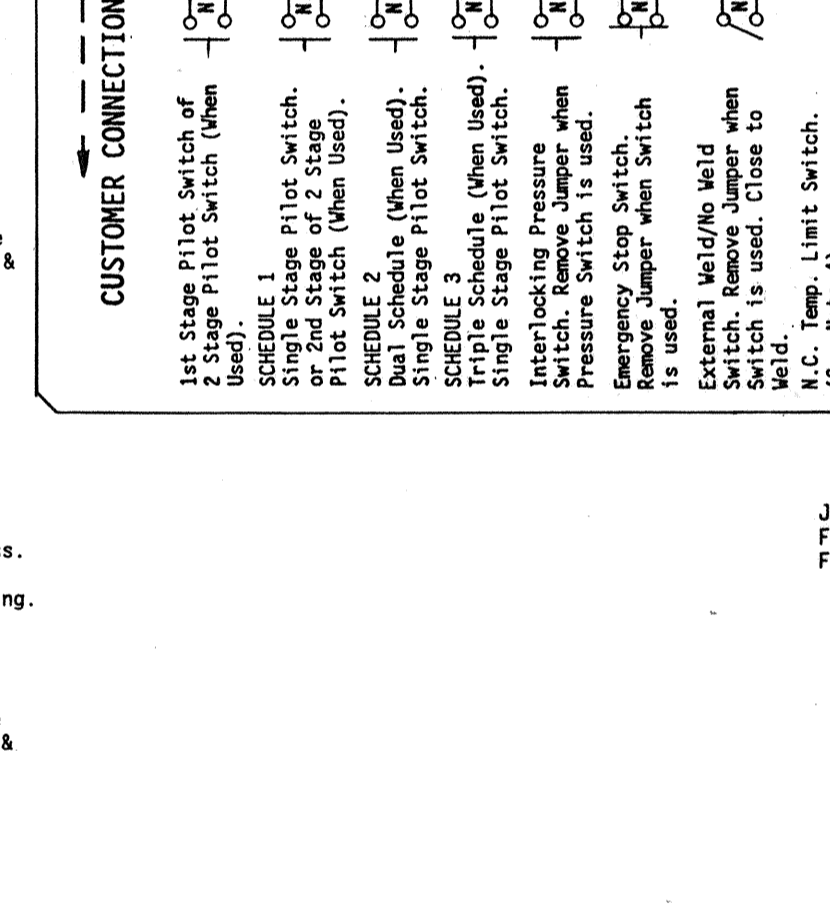
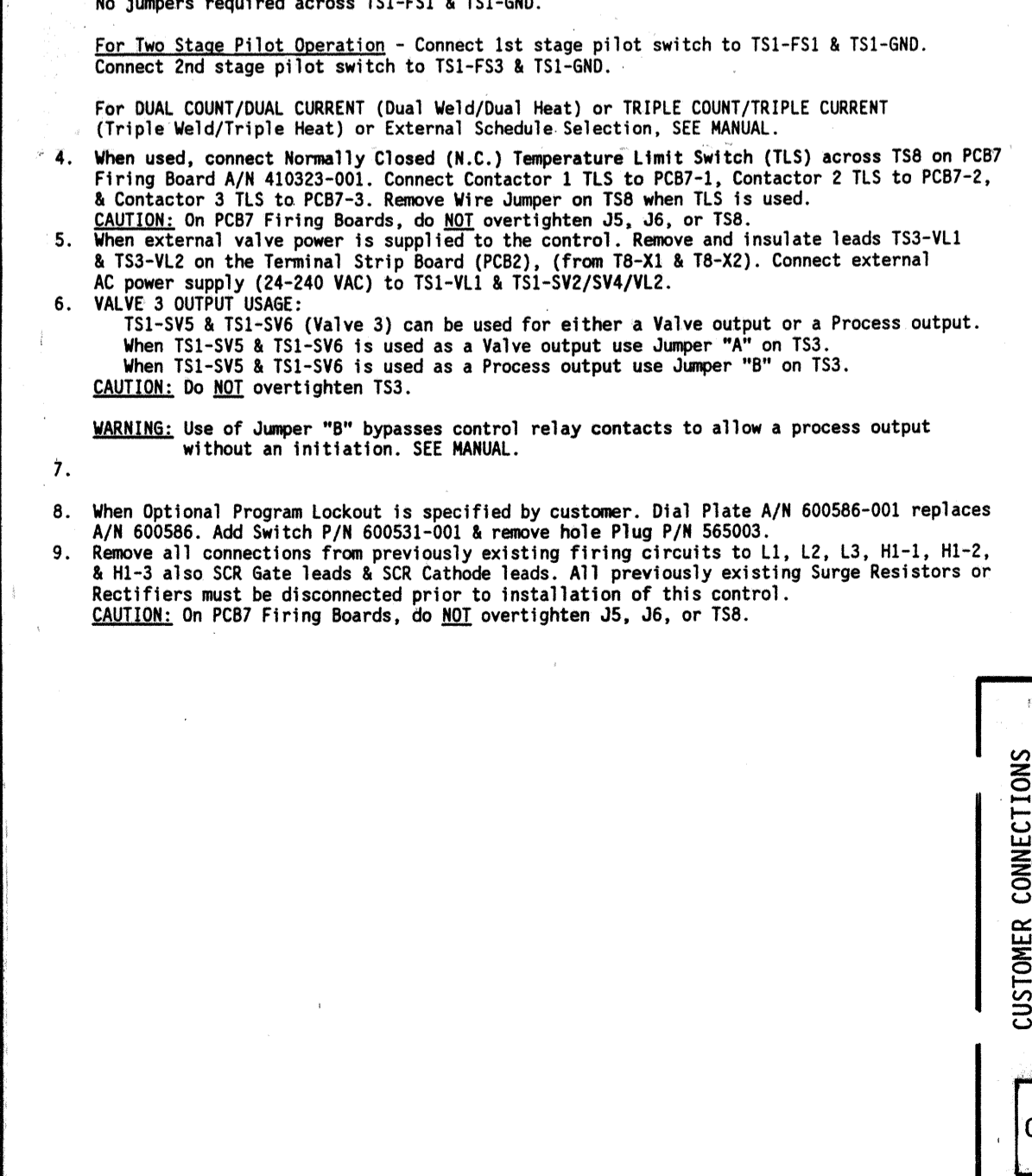
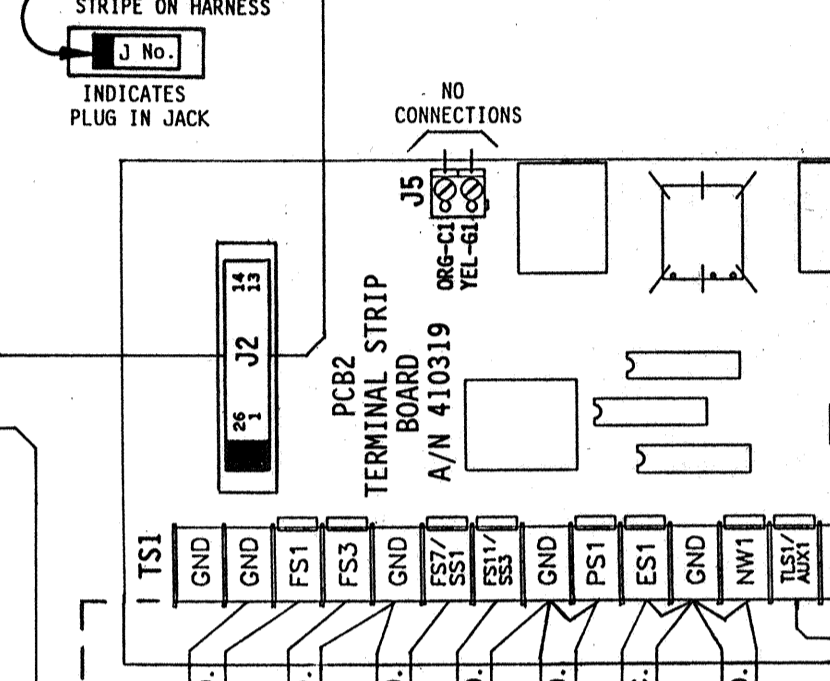
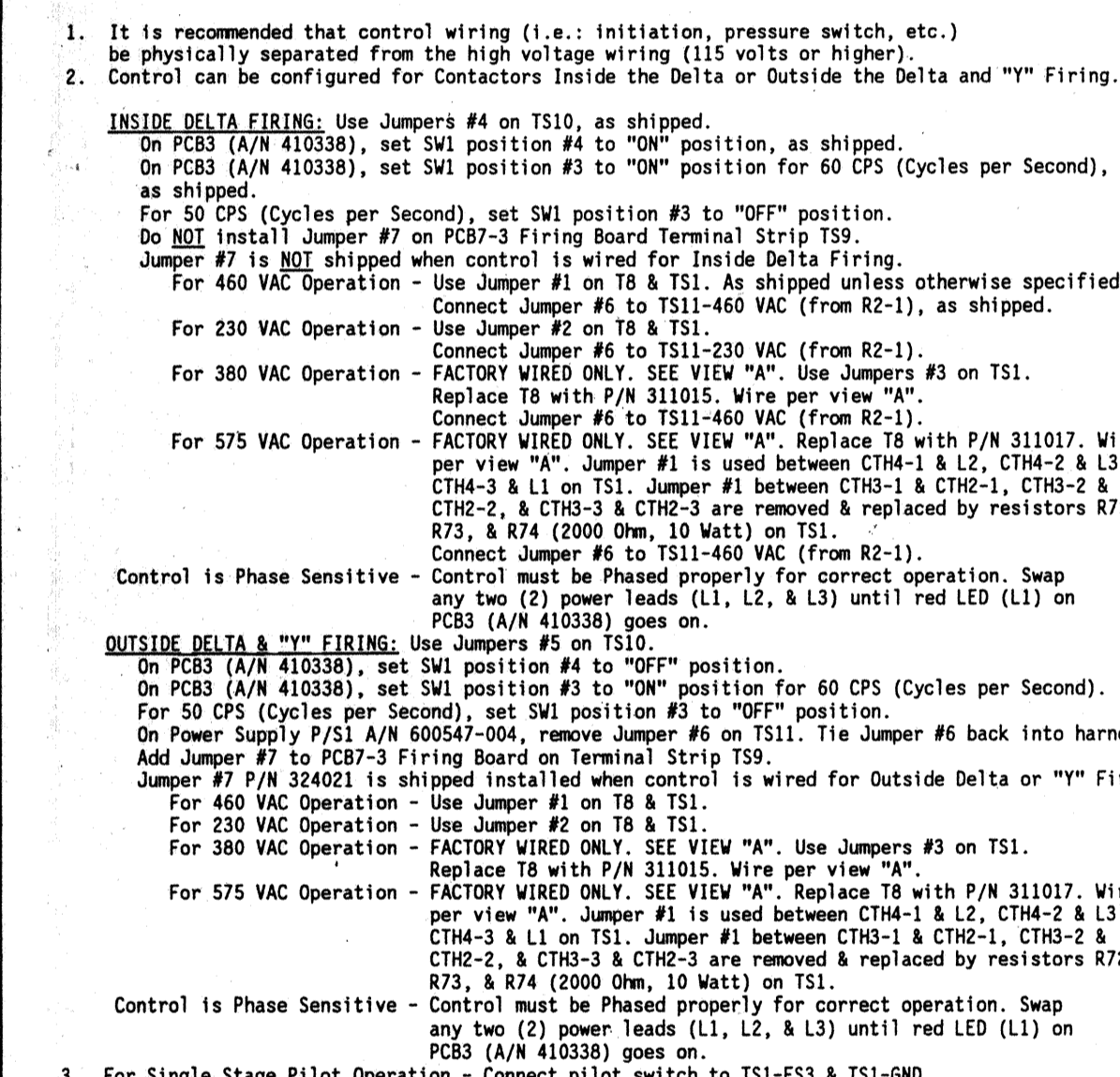
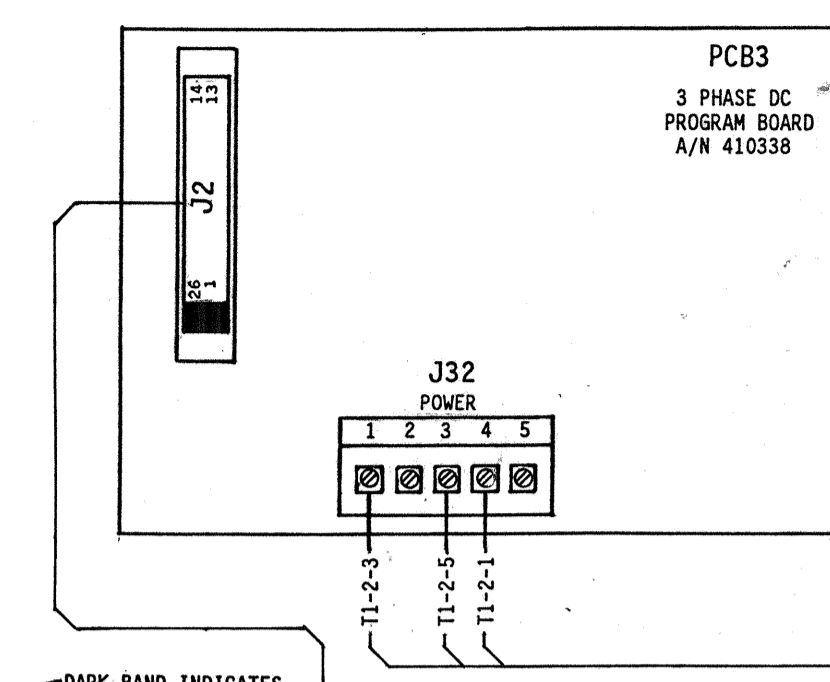
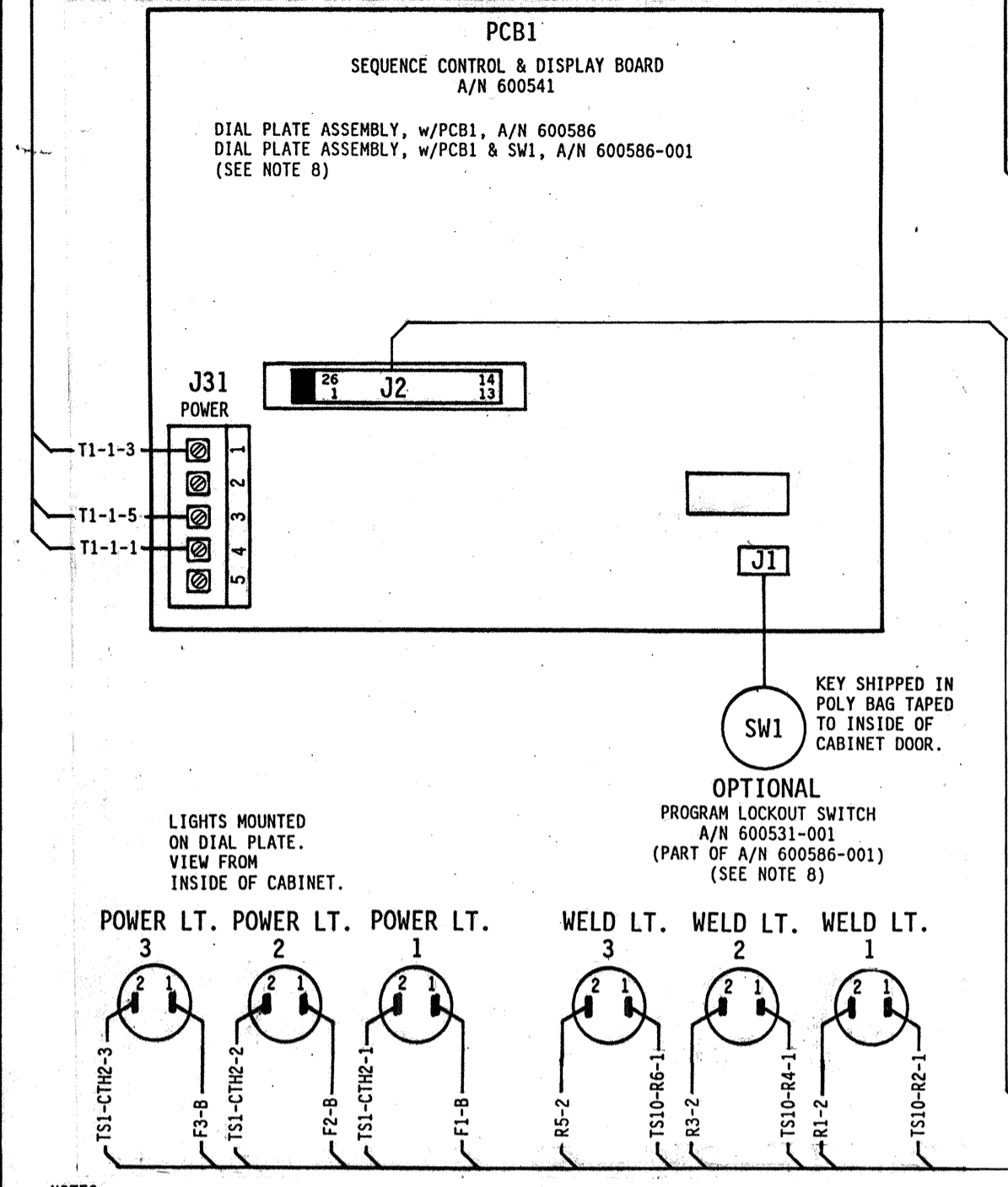


CAUTION - READ MANUAL & ALL NOTES BEFORE INSTALLING OR OPERATING CONTROL. SEE NOTE 1.
NO CIRCUIT CALIBRATION OR ADJUSTMENT EVER REQUIRED.

CAUTION
 Control is shipped wired for 460 VAC Operation and Inside Delta Firing @ 60 CPS (Cycles per Second). Control is Phase Sensitive. Please read all NOTES before installing or operating control.
 Consult Factory for instructions for operation on other voltages.
 SEE NOTE 2.



QTY.		DESIG.	PART NO.	DESCRIPTION
1	1		600586-001	Assem., Dial Plate, w/Sw. Assem., EN1003, Consisting of: Assem., Dial Plate, w/Sw. Assem. & Keylock, EN1003, Consisting of:
1	1	PCB1	600541	Assem., Switch, Sequence Control & Display Board
1	1	PCB5	600531-001	Assem., Switch, Keylock, Momentary, SPST
1	1		410338	Assem., PCB, Program Board, EN1003
1	1		540240	Illustrated Panel, Dial Plate, EN1003
1	1		515104	Panel, Display Window, Red Filter, EN1003
1	1		565003	Hole Plug, 3/4" Diam., Black
1	1	J3	322386-001	Assem., Harness, Power, Side Mounted
1	1	J3	322385-001	Assem., Harness, Power, Door Mounted
1	1	J2-J2-J2	322337-003	Assem., Harness, Display/Term Strip/Program Bd's, Side Mt.
1	1	J2-J2-J2	322337-002	Assem., Harness, Display/Term Strip/Program Bd's, Side Mt.
1	1	J7-1W	322387	Assem., Harness, Program Bd. to Firing Bd.
3	3	PWR.LT.1,2,3	305001	Lamp, Neon, Red, 230V
3	3	W.D.LT.1,2,3	305002	Lamp, Neon, Clear, 230V
1	1		540239	Illustrated Light Plate, 6 Position

QTY.		DESIG.	PART NO.	DESCRIPTION
1	1	TS1	335013	Terminal Strip, 18 Pin, (Part of J3 Harness)
1	1	TS10,TS16	335034	Terminal Strip, 10 Pin, (Part of J3 Harness)
1	1	TS11	335017	Terminal Strip, 2 Pin, (Part of 600547-004)
3	3	T1-1 thru -3	310001	Transformer, Control, (Part of J3 Harness)
1	1	T2	600548-002	Assem., Transformer, Sense, 150VA, (Part of 600547-004)
1	1	T8	311017	Transformer, Valve, 150VA, 575V
1	1	# 8	311015	Transformer, Valve, 150VA, 380V
6	6	R1-6	225016	Resistor, Power, Surge, 500 Ohm, 100W, (Part of P/S1,2,3)
1	1	F3	308010	Fuseholder, 1 Pole, Mini, 600V, HPC-L(BBS)
1	1	F1,2	308006	Fuseholder, 2 Pole, Mini, 600V, For Dual BAF 6
3	3	F1,2,3	307024	Fuse, Control, 1/4A, FNO-2/14 or KLR0-1/4
3	3	F1,2,3	307022	Fuse, 1 Amp, Slow Blow, 2AG, (Part of 410319)
1	1	JUMPER 7	324021	Wire, Single Conductor, 18 Ga., Black, (SEE NOTE 2)
1	1	(J3)	325149	Assem., Wire, Valve Transformer, 22 Ga., Black
1	1	(JOUT)	322330	Assem., Transformer Plug, Firing Board
1	1	JIN-JOUT	322348-003	Assem., Harness, Firing Boards
1	1	F18	600547-004	Assem., Power Supply, Contactor, EN1003, w/Sense Transformer
1	1	F18,3	600547-003	Assem., Power Supply, Contactor, EN1003
1	1	PCB7-1 THRU -3	410323-001	Assem., PCB, Firing Board, EN1003, (Mounted on P/S1,2,3)
1	1	PCB2	410319	Assem., PCB, Terminal Strip Board, EN1000/EN1003
1	1		346004	Lug, Screw, Chassis GND, 2/0 Wire
1	1	(TS16)	510224	Plate, Mounting, Terminal Strip Board & Program Board
1	1		530021-001	Plate, Mounting, 10 Pin Terminal Strip

QTY.		DESIG.	PART NO.	DESCRIPTION
1	1	550014		Vault Closing Door Mechanism, "D/T" Cabinet
1	1	510247-009		Cabinet, Control, Style "D/T", Modified
1	1	510248		Door, Cabinet, Control, Style "D/T"
1	1	700105		Manual, EN1000
1	1	700124		Application Note, 3 Phase DC Control, EN1003
1	1	421292		Logic Diagram, EN1003
1	1	421310-001		Wiring Diagram, EN1003-(SCR), "D/T" Cabinet

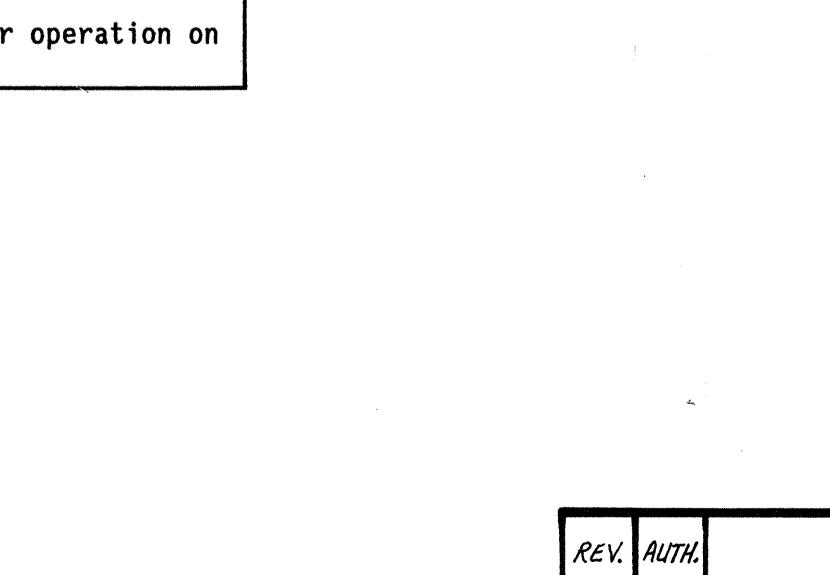
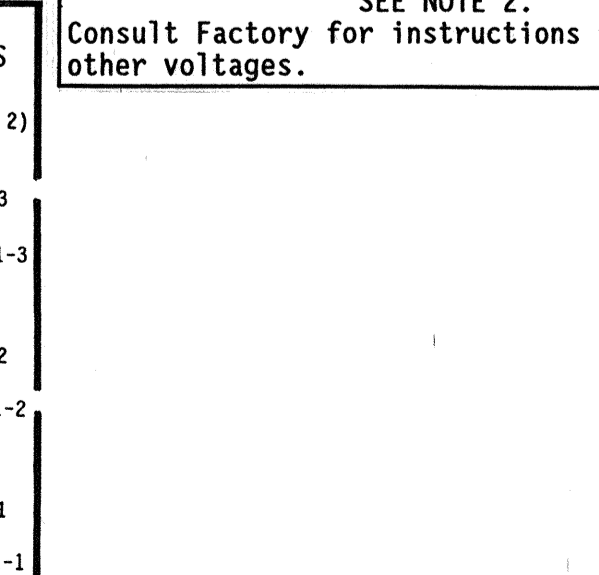
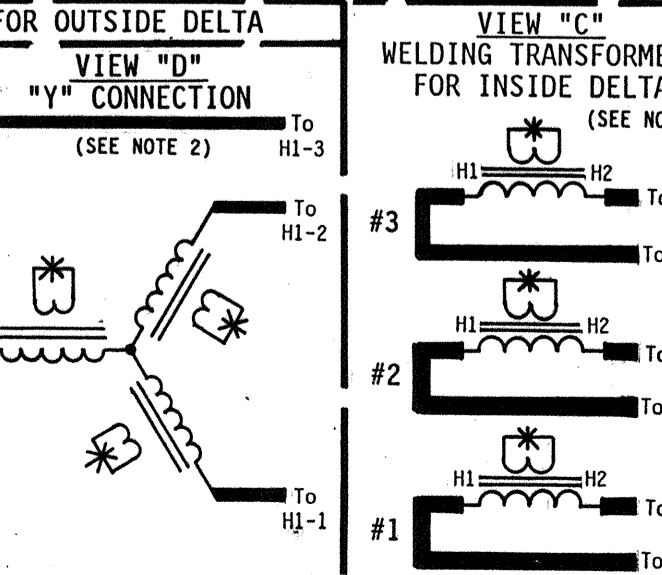
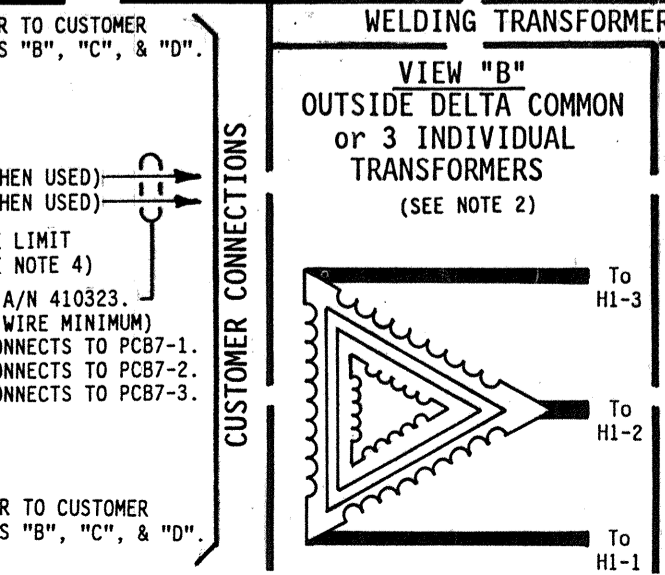
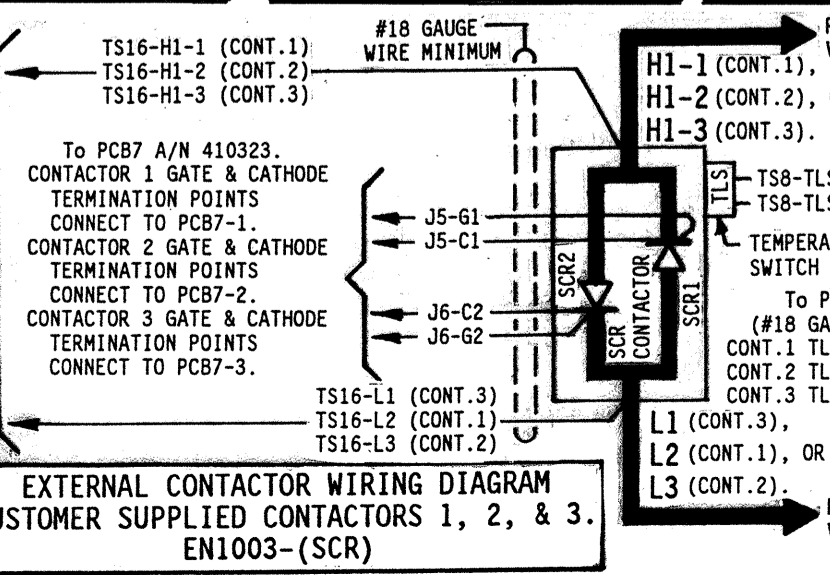
Option Keylock when specified by customer. See Note 8. Pack Key in Poly Bag 900148 & attach to Door w/Yellow Tape 900118.
 Substitution or addition of parts when 575V control is specified.
 Substitution of part when 380V control is specified.

REV	AUTH	DESCRIPTION	CHK'D BY	DATE
1		ORIGINAL RELEASE		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

CAUTION
 DO NOT OPERATE WITHOUT WATER ON
 POWER ON WITHOUT WATER FLOW MAY CAUSE DAMAGE TO CONTROL.
 TURN POWER OFF WHEN CONTROL IS NOT IN USE.

WARNING: HIGH VOLTAGE
 VOLTAGES PRESENT IN THIS CONTROL CAN CAUSE SEVERE OR FATAL INJURIES.
 NOTE: EVEN THOUGH SUPPLY POWER TO THIS UNIT HAS BEEN DISCONNECTED, THERE MAY BE VOLTAGES IN THIS CONTROL ORIGINATING FROM OTHER SOURCES.
 FOR ALL VOLTAGE POTENTIAL TO BE REMOVED FROM THIS CONTROL, POWER MUST BE REMOVED FROM ALL EXTERNAL CONTROL CIRCUITS CONNECTED TO TERMINALS IN THIS CABINET.

CAUTION
 Control is shipped wired for 460 VAC Operation and Inside Delta Firing @ 60 CPS (Cycles per Second). Control is Phase Sensitive. Please read all NOTES before installing or operating control.
 Consult Factory for instructions for operation on other voltages.



SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY
1/2"	11-26-97	JEC	JEC	JEC
TOLERANCES UNLESS SPECIFIED				
ANGLES: ± 5°				
DECIMALS: ± .010				
FRACTIONS: ± 1/64				
WIRING DIAGRAM, EN1003-(SCR), "D" or "T" CABINET				
NEXT ASSM/USED ON		DRAWING NUMBER		REV
		421310-001		B