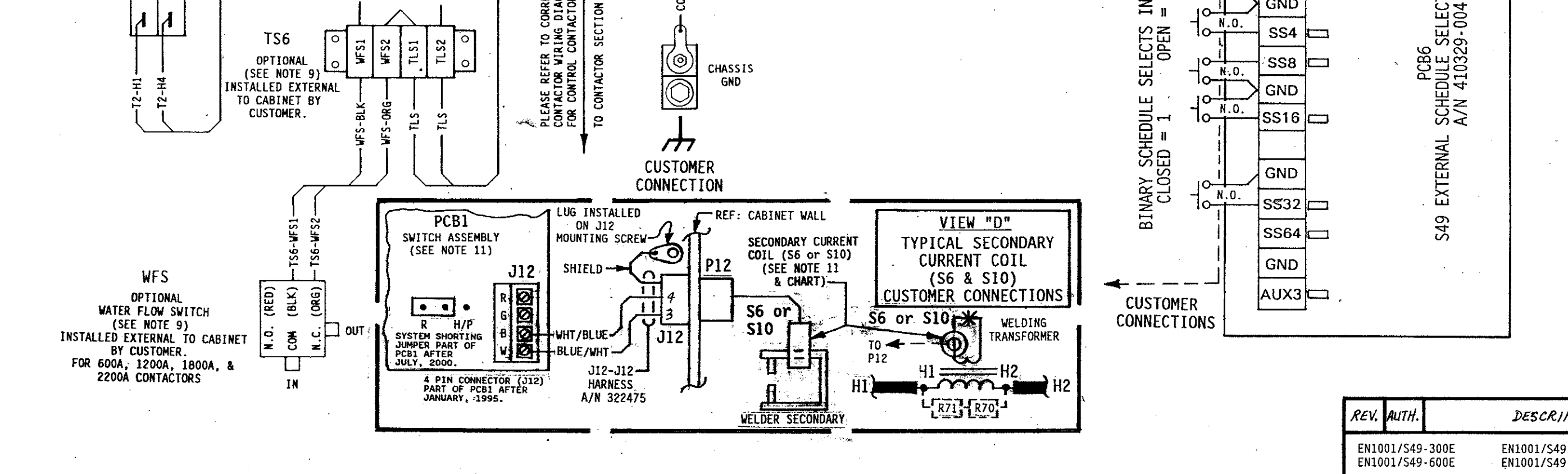
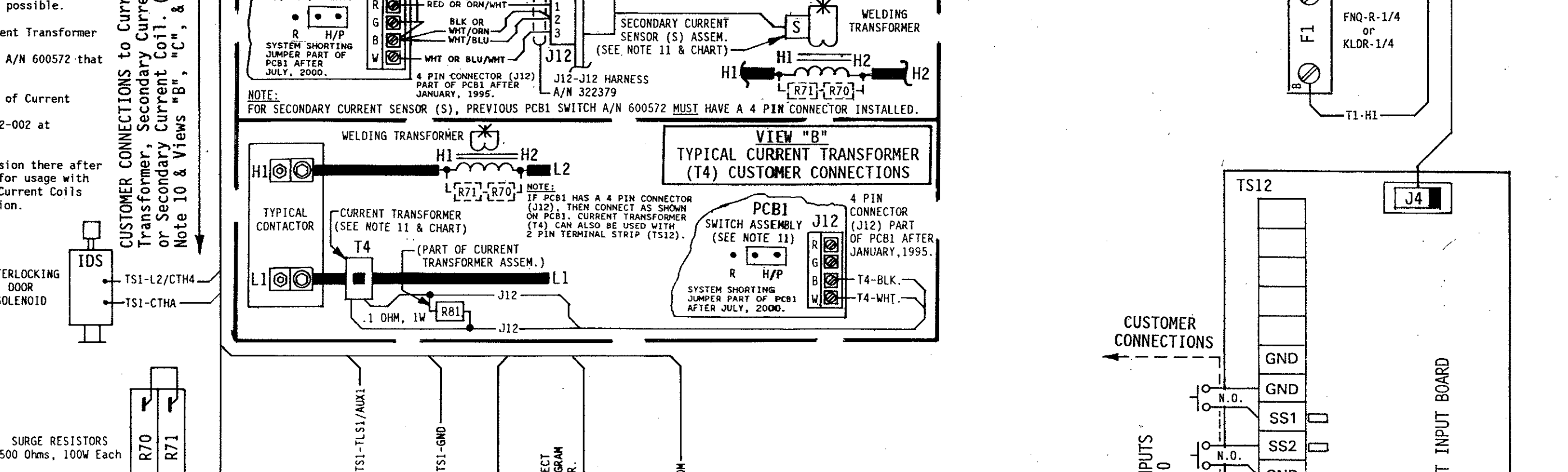
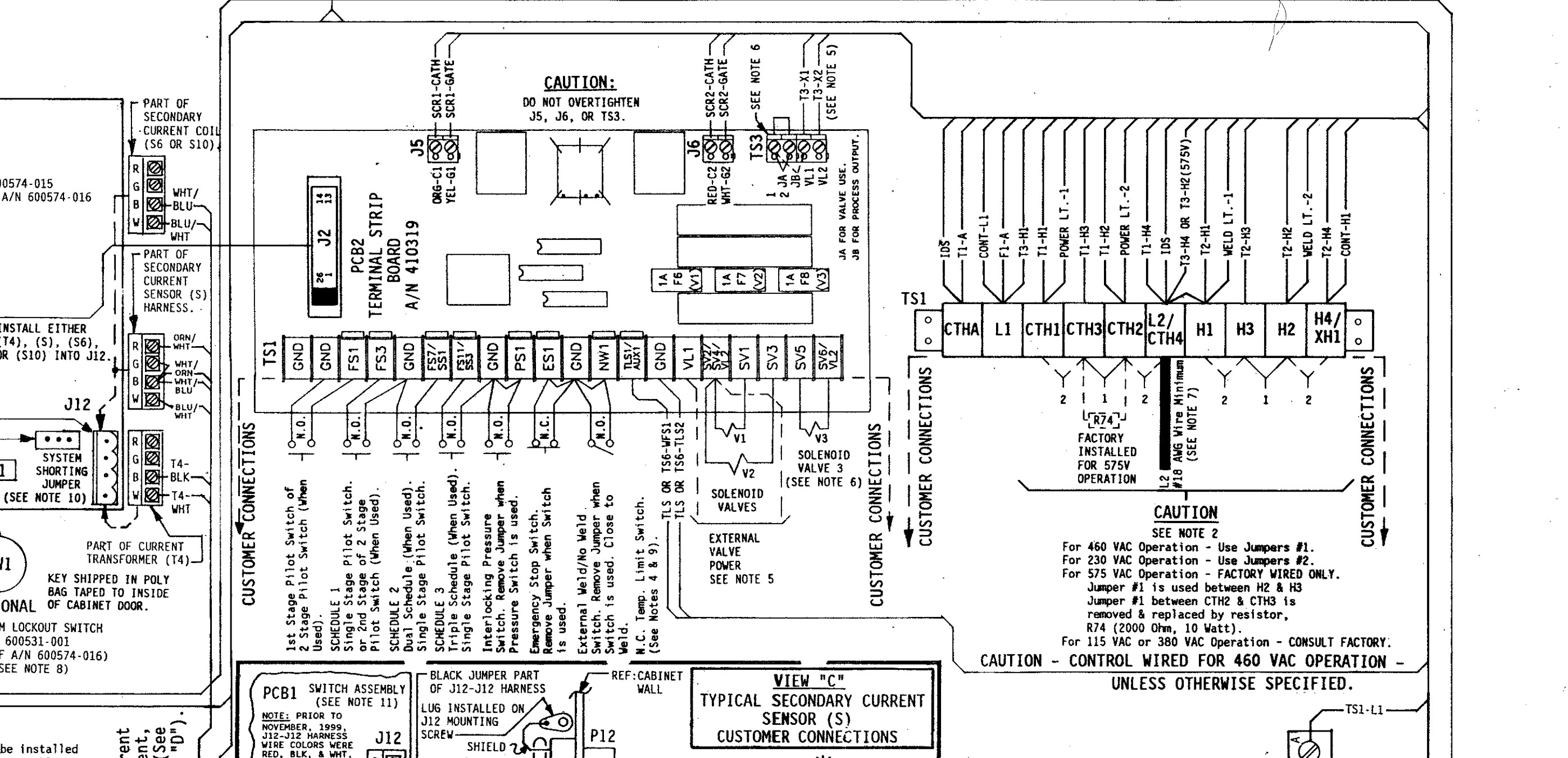
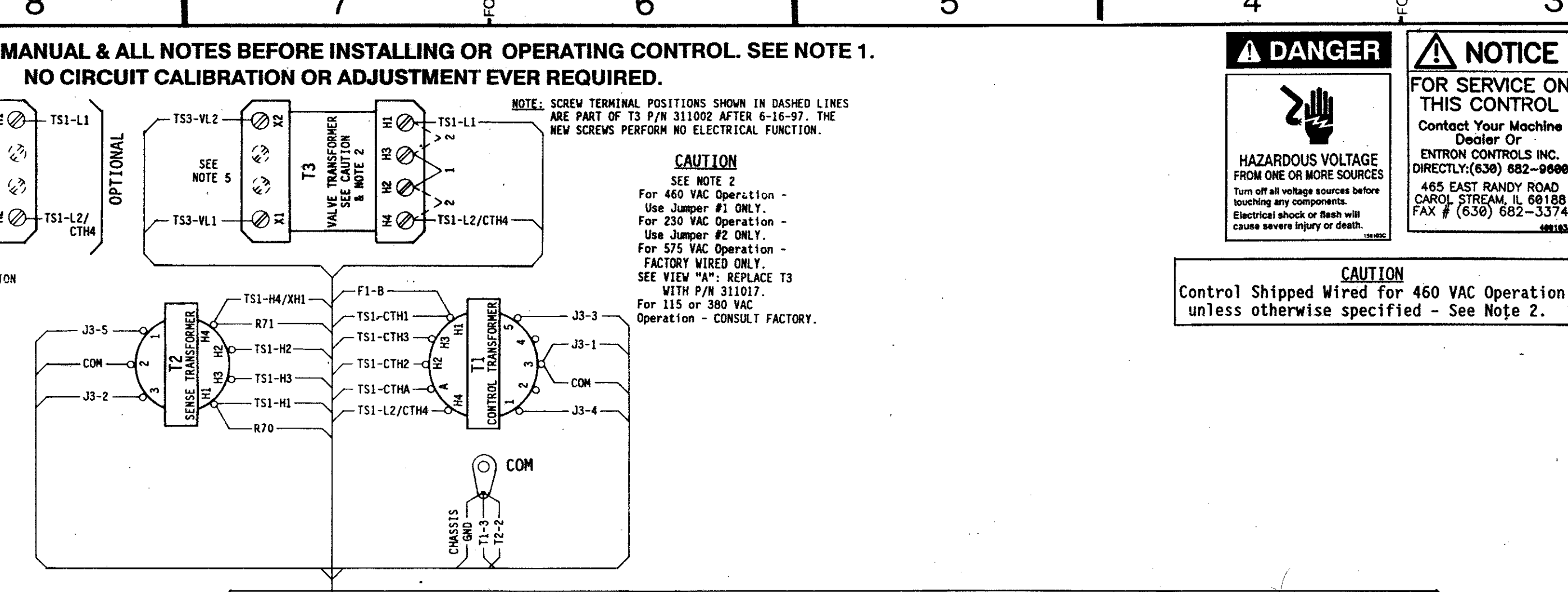
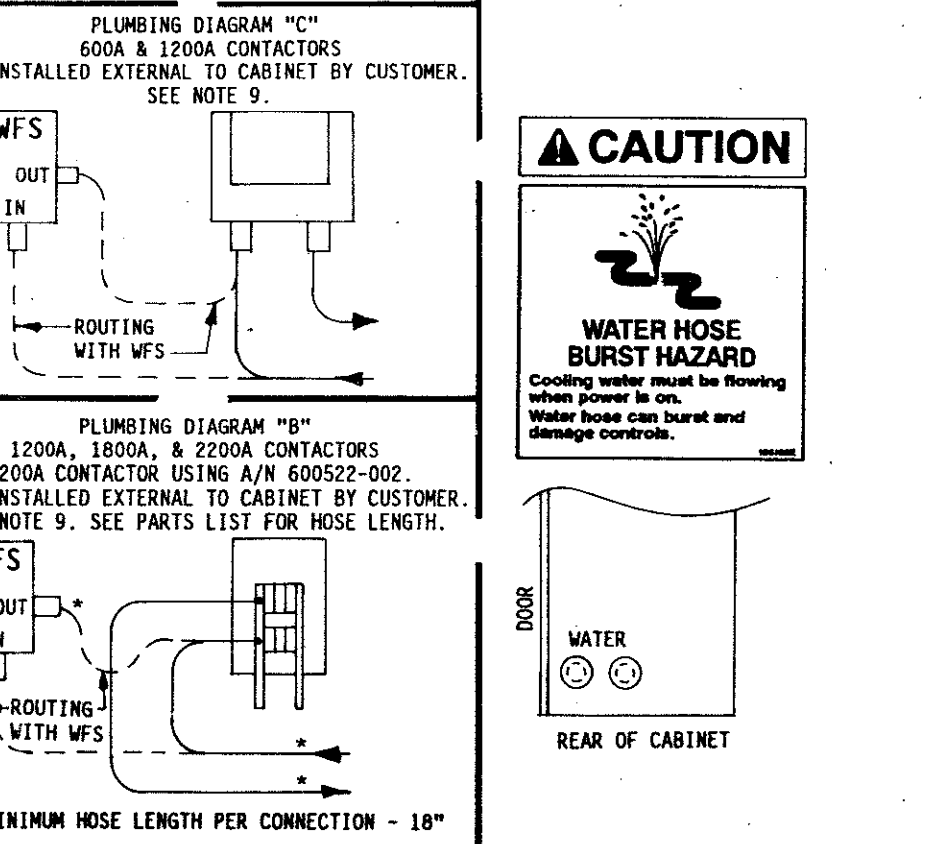
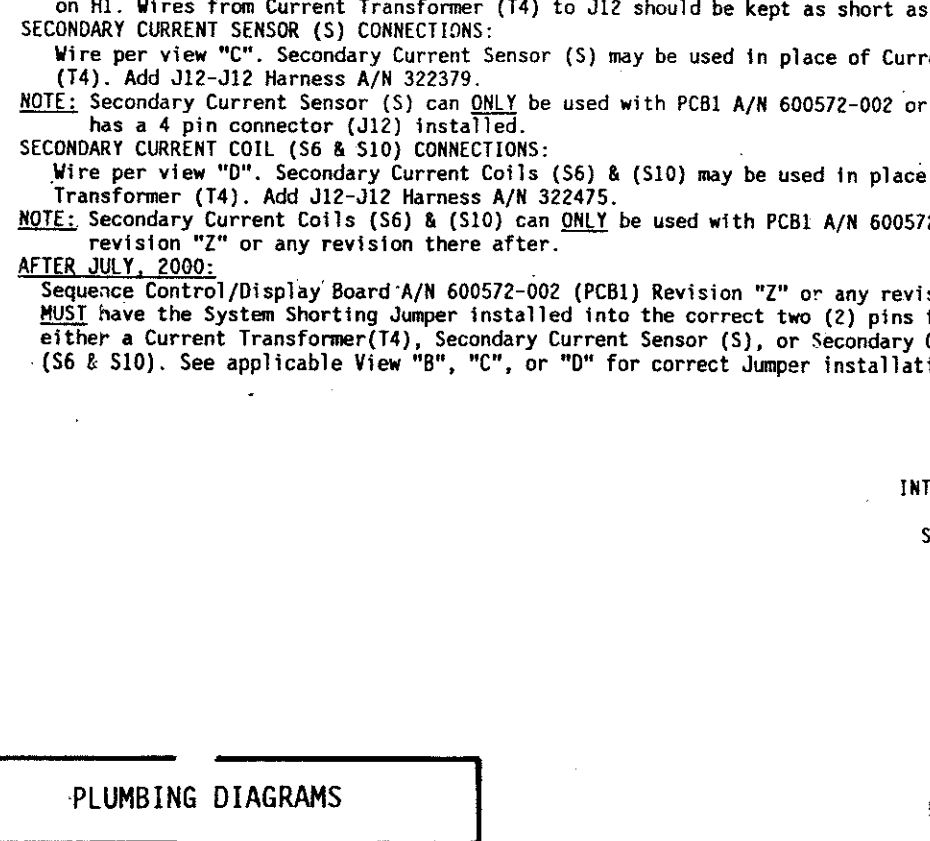
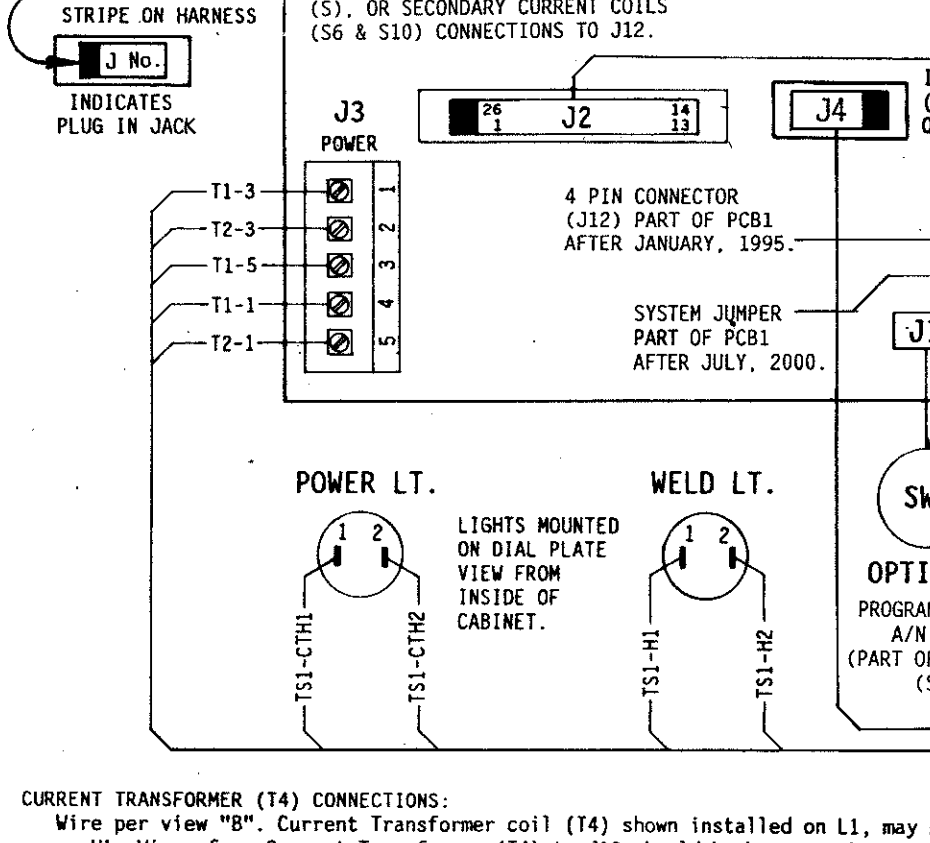


COIL/SENSOR MODEL NUMBER	CURRENT TRANSFORMER OR SECONDARY CURRENT SENSOR PART NUMBER	CONTACTOR SIZE				
		300A CONT.	600A CONT.	1200A CONT.	1800A CONT.	2200A CONT.
P2 - 200:5	A/N 600575	OBsolete				
P2 - 200:5	A/N 600575-002	X				
P5 - 500:5	A/N 600576	OBsolete	X	X	X	X
P5 - 500:5	A/N 600576-002		X	X	X	X
P10 - 1800:5	A/N 600577	OBsolete	X	X	X	X
P10 - 1800:5	A/N 600577-002		X	X	X	X
S	A/N 600590 & A/N 322379	X	X	X	X	X
S6	A/N 600667 & A/N 322475	X	X	X	X	X
S10	A/N 600668 & A/N 322475	X	X	X	X	X



NOTE: SCREW TERMINAL POSITIONS SHOWN IN DASHED LINES ARE PART OF T3 P/N 311002 AFTER 6-16-97. THE NEW SCREWS PERFORM NO ELECTRICAL FUNCTION.

CAUTION: DO NOT OVERTIGHTEN J5, J6, OR T53.

CAUTION: CONTROL WIRED FOR 460 VAC OPERATION - UNLESS OTHERWISE SPECIFIED.

QTY.	DESIG.	PART NO.	DESCRIPTION
1	0	600574-015	Assem., Dial Plate, EN1001, Consisting of:
1	1	600574-016	Assem., Dial Plate, w/Key Switch, EN1001, Consisting of:
1	1	600572-009	Assem., Switch, Sequence Control & Display Board
1	1	600551-001	Assem., Switch, Keylock, Momentary, SPDT
1	1	515104	Illustrated Panel, Dial Plate, EN1001
1	1	565003	Panel, Display Window, Red Filter, EN1001 Hole Plug, 3/4" Diam., Black
1	J4-J4	322525	Assem., Harness, Seq. Ctrl Bd.
1	PWR.LT.	305001	Lamp, Neon, Red, 230V
1	M.D.LT.	305002	Lamp, Neon, Clear, 230V
1	J2-J2	322303	Assem., Harness, Ctrl Bd. to Term. Strip Bd.
1		322327	Assem., Harness, Power, EN1000/EN1001

QTY.	DESIG.	PART NO.	DESCRIPTION
1	T51	335034	Terminal Strip, 10 Pin, (Part of J3 Harness)
1	T58	335017	Terminal Strip, 2 Pin, (Part of Contactor Assem.)
1	T56	335038	Terminal Strip, 2 Pin, (For T55/WFS), (Shipped Loose)
2	R70,71	225016	Resistor, Power, Surge, 500 Ohm, 10W
1	R74	600048	Assem., Resistor, Power, 2000 Ohm, 10W, (For S75)
1	R81	625158	Resistor, Metal Oxide, 1 Ohm, 1W, (Part of Curr. Xfm. Assem.)
1	J1	310001	Transformer, Control, (Part of J3 Harness)
1	T3	310002	Transformer, Sense, (Part of J3 Harness)
1	T2	311002	Transformer, Valve, 150 VA
1	T1	311007	Transformer, Valve, 150 VA, 575V
1	T3	311007	Transformer, Valve, 150 VA, 575V
1	PCB6	410329-004	Assem., PCB, External Schedule Select S49 Input Bd.
1	(PCB6)	525125	Bracket, Mounting, S49 Ext. Schedule Select Board
1	F1	300010	Fuseholder, 1 Pole, Mini, 600V
1	F1	307024	Fuse, Control, 1/4A, FNQ-R-1/4 or KLDOR-1/4
3	F6,7,8(PCB2)	307022	Fuse, 1 Amp, Slow Blow, 2AG, (Part of 410319)
1	(R70,71)	325024	Assem., Wire, Surge Resistor, 18 Ohm, Black
1	(T3)	325149	Assem., Wire, Valve Transformer, 22 Ohm, Black
1	S6	600667	Secondary Current, 6" Coil Rogowski
1	S10	600668	Secondary Current, 10" Coil Rogowski
1	J12-J12	600520	Assem., Harness, Secondary Current, Rogowski Coil
1		600669	Assem., Contactor, Thyristor, Water, 600A, 460/575V
1		600670	Assem., Contactor, Thyristor, Water, 1200A, 460/575V
1	600533-005	Assem., Contactor, SCR, Water, 1800A, 460/575V, w/TLS	
1	600533-003	Assem., Contactor, SCR, Water, 2200A, 460/575V, w/TLS	
1		346004	Lug, Screw, 5/16" Bolt to 2/0 Wire, 600A Contactor, L1 & H1
1		346002	Lug, Screw, 5/16" Bolt to 4/0 Wire, 1200A Contactor, L1 & H1
1	PCB2	410319	Assem., PCB, Terminal Strip Board, EN1001
1		346004	Lug, Screw, Chassis GND, 2/0 Wire
1		525158	Bracket, Mounting, 1800/2200A Contactors
1		525335	Bracket, Mounting, 300/600/1200A Contactors
2	(PCB2,6)	510236	Plate, Mounting, Terminal Strip Board & S49 Board
1	TLS	300020	Switch, Temp. Limit, (N.C.), (Part of 300/1800/2200A Cont.)
1		SEE CHART	Assem., Transformer, Current, 200:5, P2
1		SEE CHART	Assem., Transformer, Current, 500:5, P5
1		SEE CHART	Assem., Transformer, Current, 1000:5, P10
1		300045	Hose, 3/8" I.D.
1		566010	Hose Clamp, 3/8" Hose
1		600179	Water Fitting, 3/8" Hose
1		600297	Assem., Water Flow Switch, 3/8" Hose, (Shipped Loose)
1	J12-J12	600590	Assem., Secondary Current Sensor (S)
1	TDS	322379	Assem., Secondary Current Sensor (S)
1		600044	Assem., Interlocking Door Solenoid
1		314001	Coil Assem. Only, 1DS
1		510238-003	Cabinet, Control Style "E"
1		510241	Door, Cabinet, Style "E"
1		700182	Application Note, S49 OPTION
1		700120	Manual, EN1001
1		421271	Logic Diagram, EN1001 Control
1		421268-012	Wiring Diagram, EN1001/S49-Series "E" Cabinet

REV.	AUTH.	DESCRIPTION	DATE	CHK'D BY	DATE
1		ORIGINAL RELEASE			
ENTRON CONTROLS INC.					
SCALE		DATE	DRAWN BY	CHK'D BY	APPROVED BY
		9/16/04	RHL		
TOLERANCE UNLESS SPECIFIED					
ANGLES: ± 1°					
DECIMALS: ± .010					
FRACTIONS: ± 1/64					
DATE					
WIRING DIAGRAM, EN1001/S49-SERIES "E" CABINET					
REV. AUTH.		DESCRIPTION		DATE	
		EN1001/S49-300E		EN1001/S49-1200E	
		EN1001/S49-600E		EN1001/S49-1800E	
		EN1001/S49-2200E			
		NEXT ASSM USED ON		DRAWING NUMBER	
				421268-012	