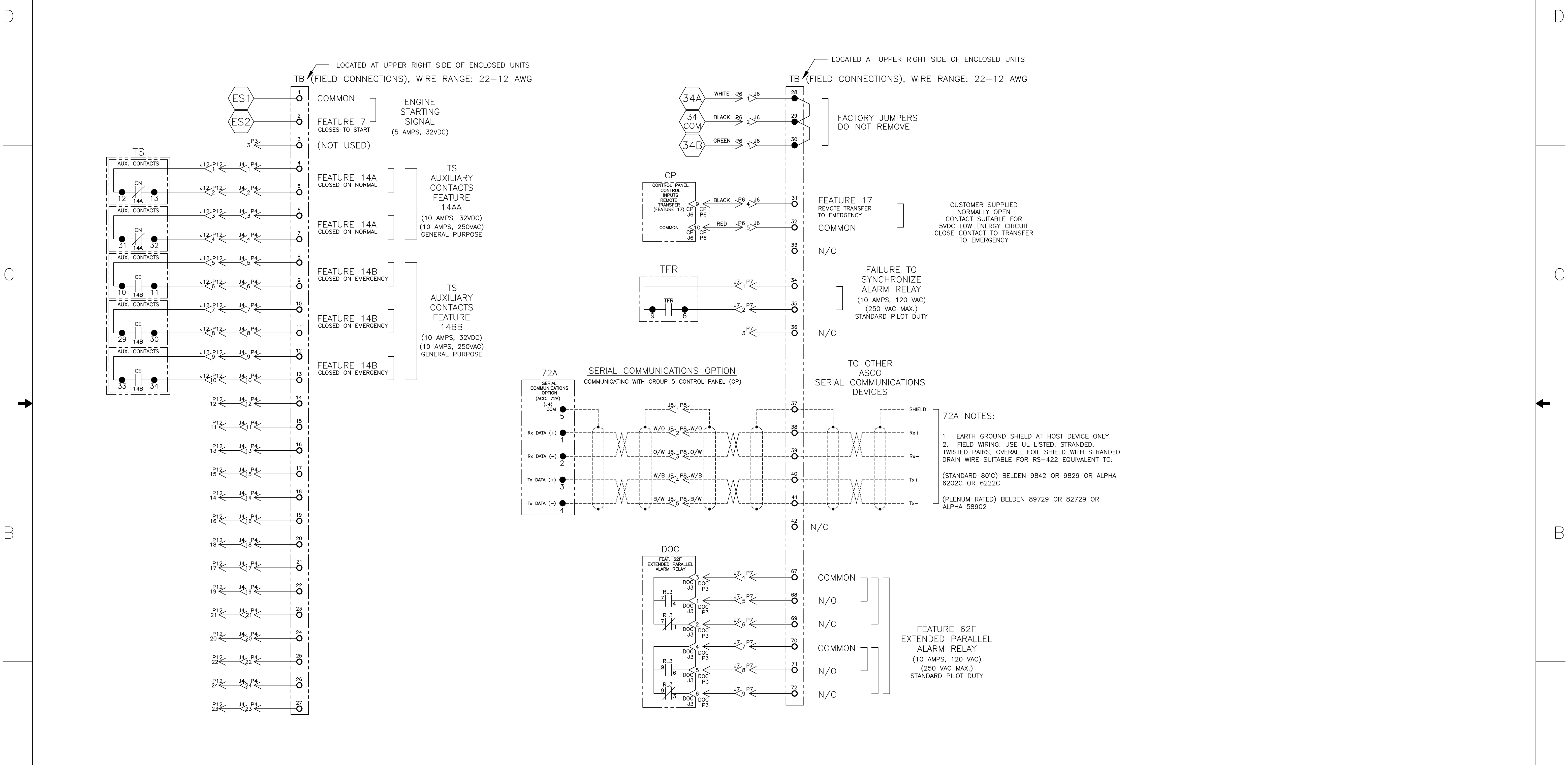


FIELD CONNECTIONS



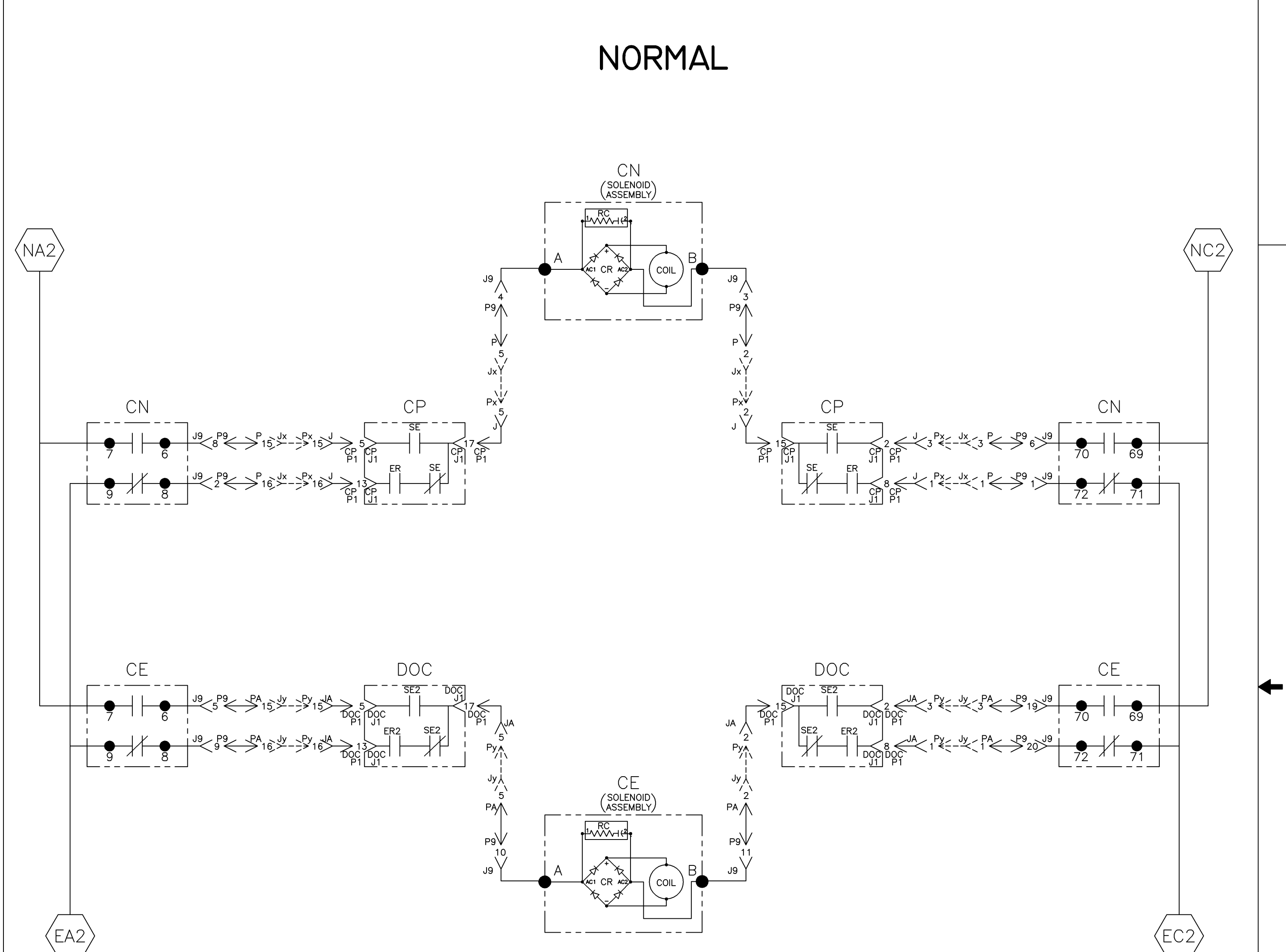
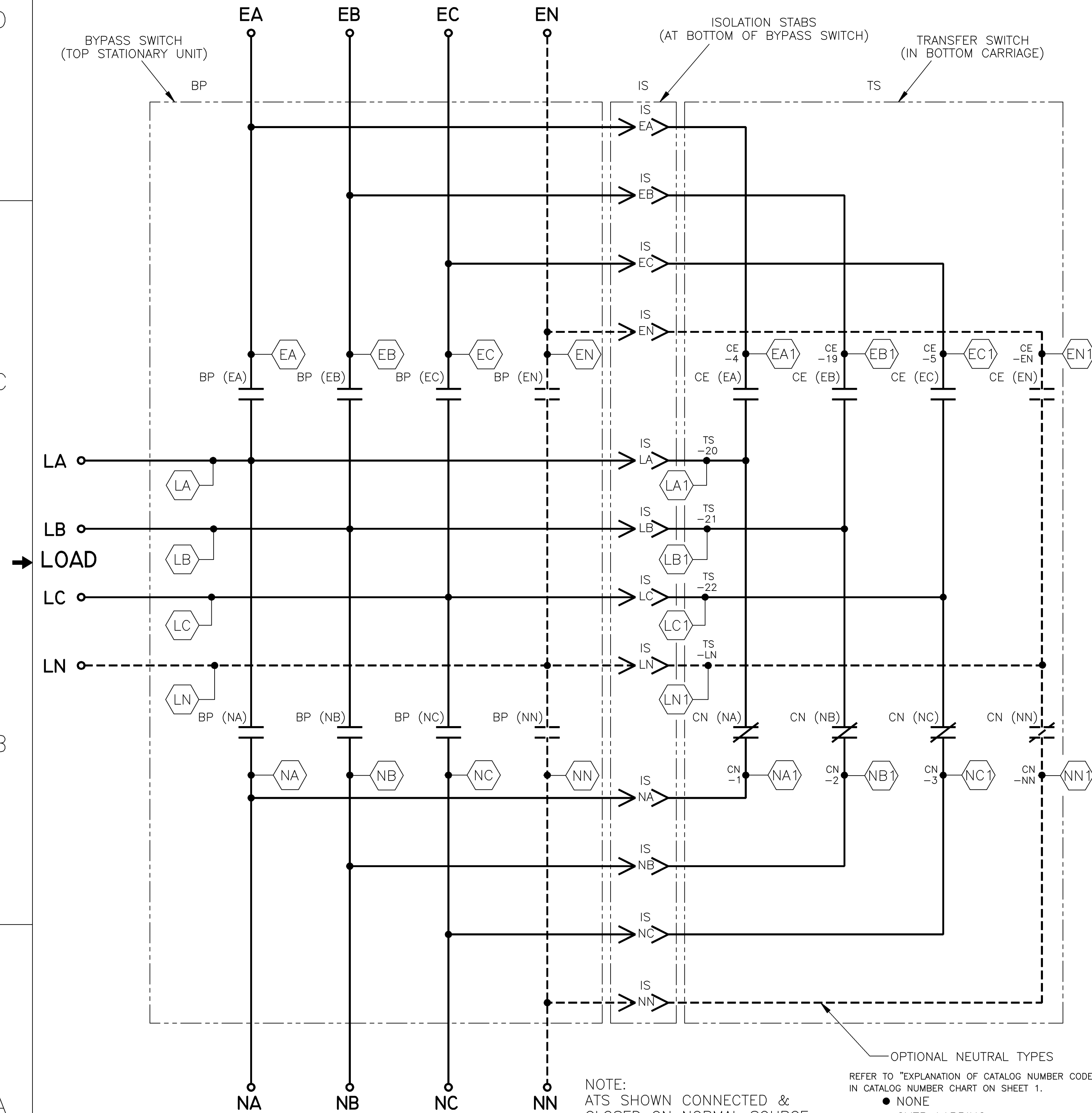
PROJECT NAME:		202348 CC WK 11/04/04	
WIRING DIAGRAM		SEE ECN	
7000 SERIES (7ACTB) GROUP 5 CONTROLS		SUBSIDIARY DISTRIBUTION	
THIRD ANGLE PROJECTION		<input type="checkbox"/> AN <input type="checkbox"/> AM <input type="checkbox"/> AJ <input type="checkbox"/> AL <input type="checkbox"/> <input type="checkbox"/> CH <input type="checkbox"/> AV <input type="checkbox"/> AA <input type="checkbox"/> PS <input type="checkbox"/> AR <input type="checkbox"/> <input type="checkbox"/> AG <input type="checkbox"/> AP <input type="checkbox"/> AC <input type="checkbox"/> AS <input type="checkbox"/>	
DRAWN BY: YZ DATE: 6/98		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.	
CHECKED: APPROVAL: APPROVAL: APPROVAL:		ASSEM. REF. NO.	
FINAL APPROVAL: YZ 6/98		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
ASCO		ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	
SCALE: 1:1		COMPUTER GENERATED DRAWING	
SIZE: DS617423		ACAD FILE	
CHANGE LETTER: K		ECN NO.: 202348	
SHEET NO.: 2 OF 8		DATE: 11/04/04	

MAIN POWER POLES

TS OPERATOR CIRCUIT

EMERGENCY

NORMAL



NOTE:
ATS SHOWN CONNECTED &
CLOSED ON NORMAL SOURCE.
BYPASS SWITCH IN
(AUTOMATIC) POSITION.

REFER TO "EXPLANATION OF CATALOG NUMBER CODES"
IN CATALOG NUMBER CHART ON SHEET 1.

- NONE
- OVER LAPPING
- SOLID BUS PLATE

CN (MUS) CONTACTS			
MUS	SOLENOID POSITION		
	CLOSED BEFORE NORMAL	BEFORE TDC>	BEFORE <TDC OPEN
7-6			
69-70			
8-9			
71-72			

CE (MUS) CONTACTS			
MUS	SOLENOID POSITION		
	OPEN BEFORE TDC>	BEFORE <TDC	CLOSED BEFORE EMERG.
7-6			
69-70			
8-9			
71-72			

PROJECT NAME: WIRING DIAGRAM

7000 SERIES (7ACTB) GROUP 5 CONTROLS

THIRD ANGLE PROJECTION

DRAWN BY	YZ	DATE	6/98	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.	ASSEM. REF. NO.
CHECKED				PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
DRAFTING APPROVAL					
FINAL APPROVAL	YZ	6/98		ASCO	ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.

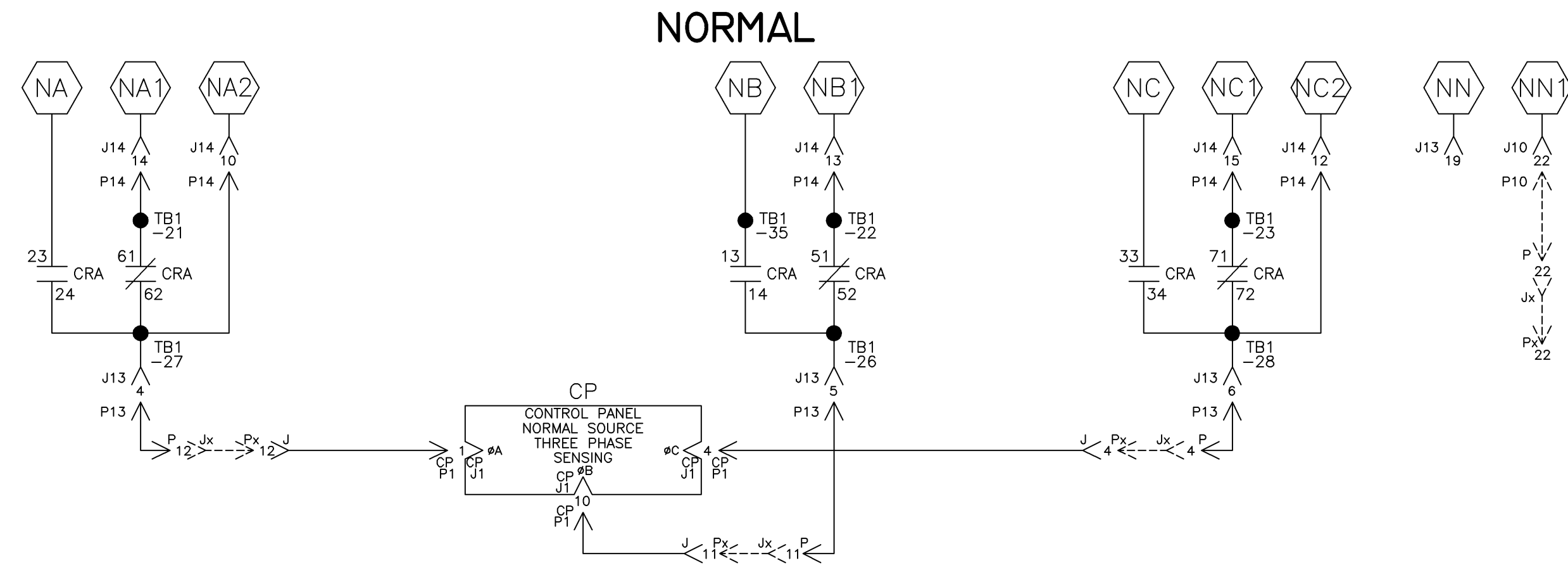
CHANGE LETTER	ECN NO.	BY	APP.	DATE

SCALE 1:1 ACAD FILE

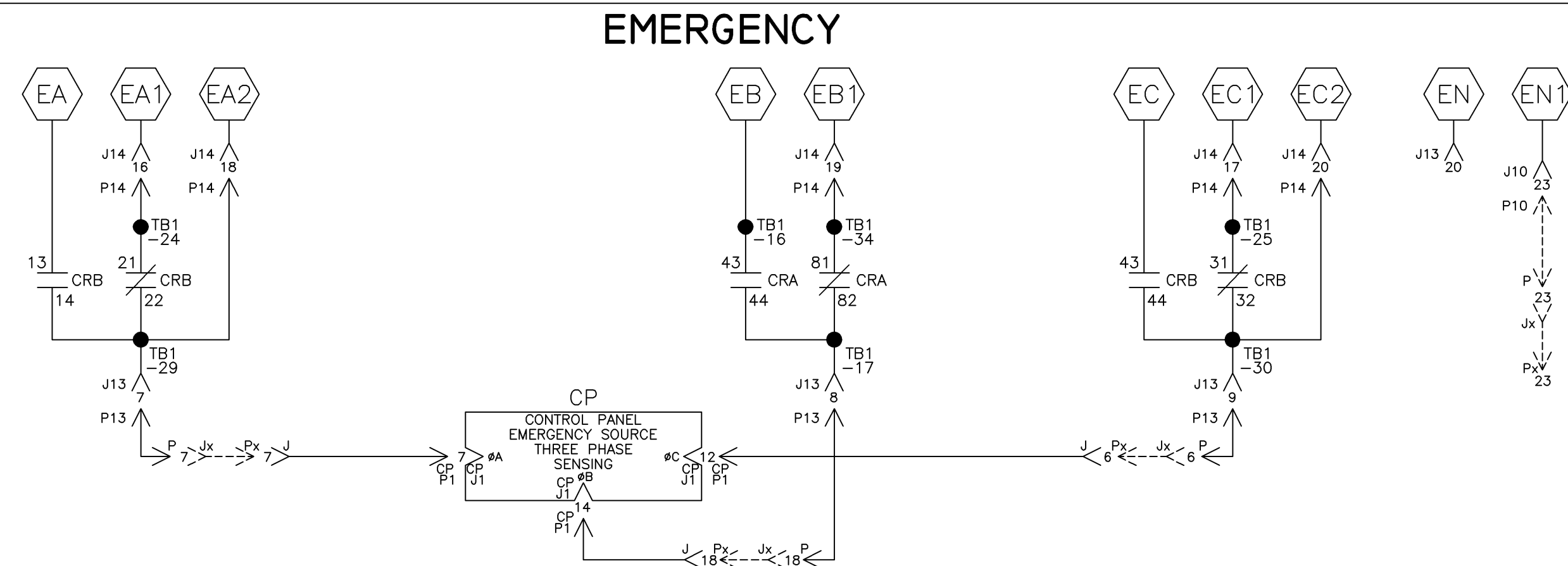
SIZE DWG. NO. DS617423

CHANGE LETTER K ECN NO. 202348 SHEET 3 OF 8

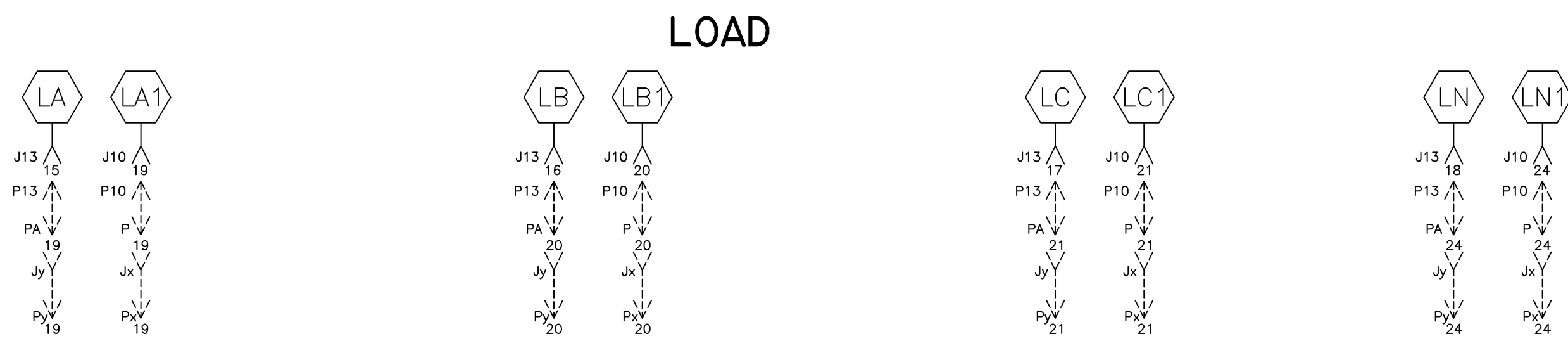
NORMAL SOURCE CIRCUITS



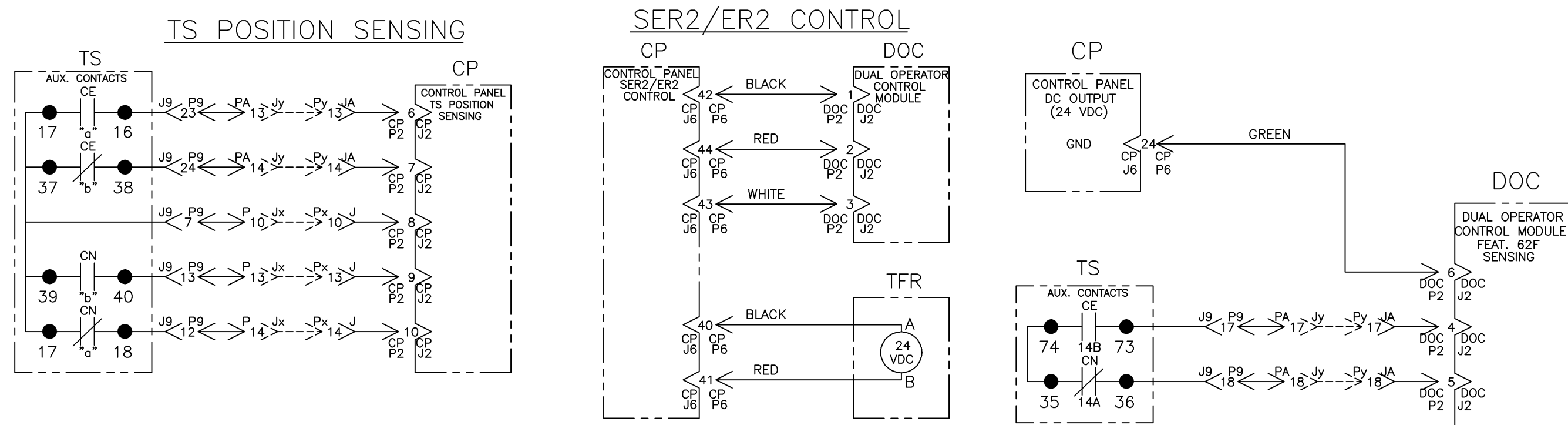
EMERGENCY SOURCE CIRCUITS



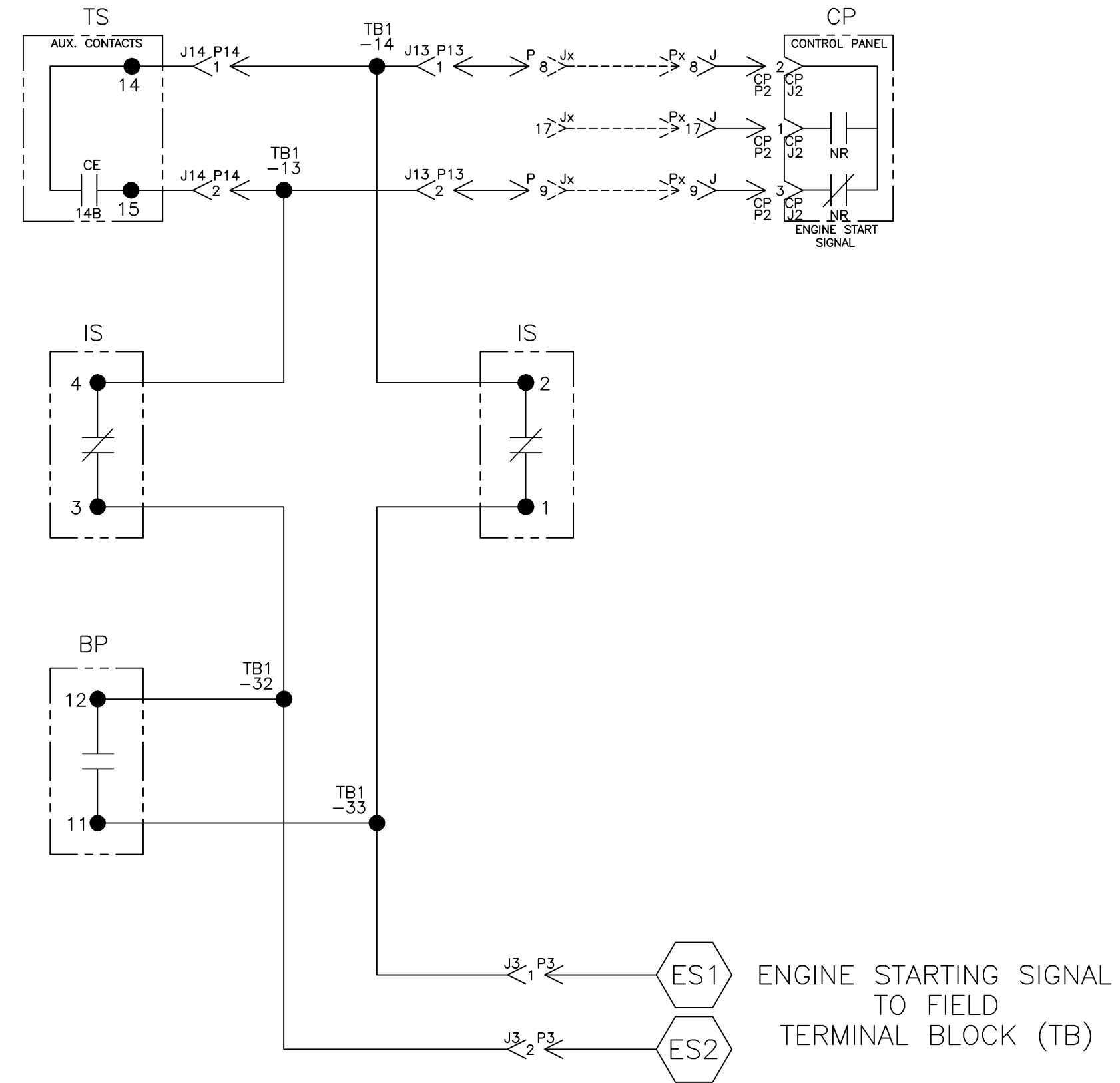
LOAD TERMINAL CIRCUITS



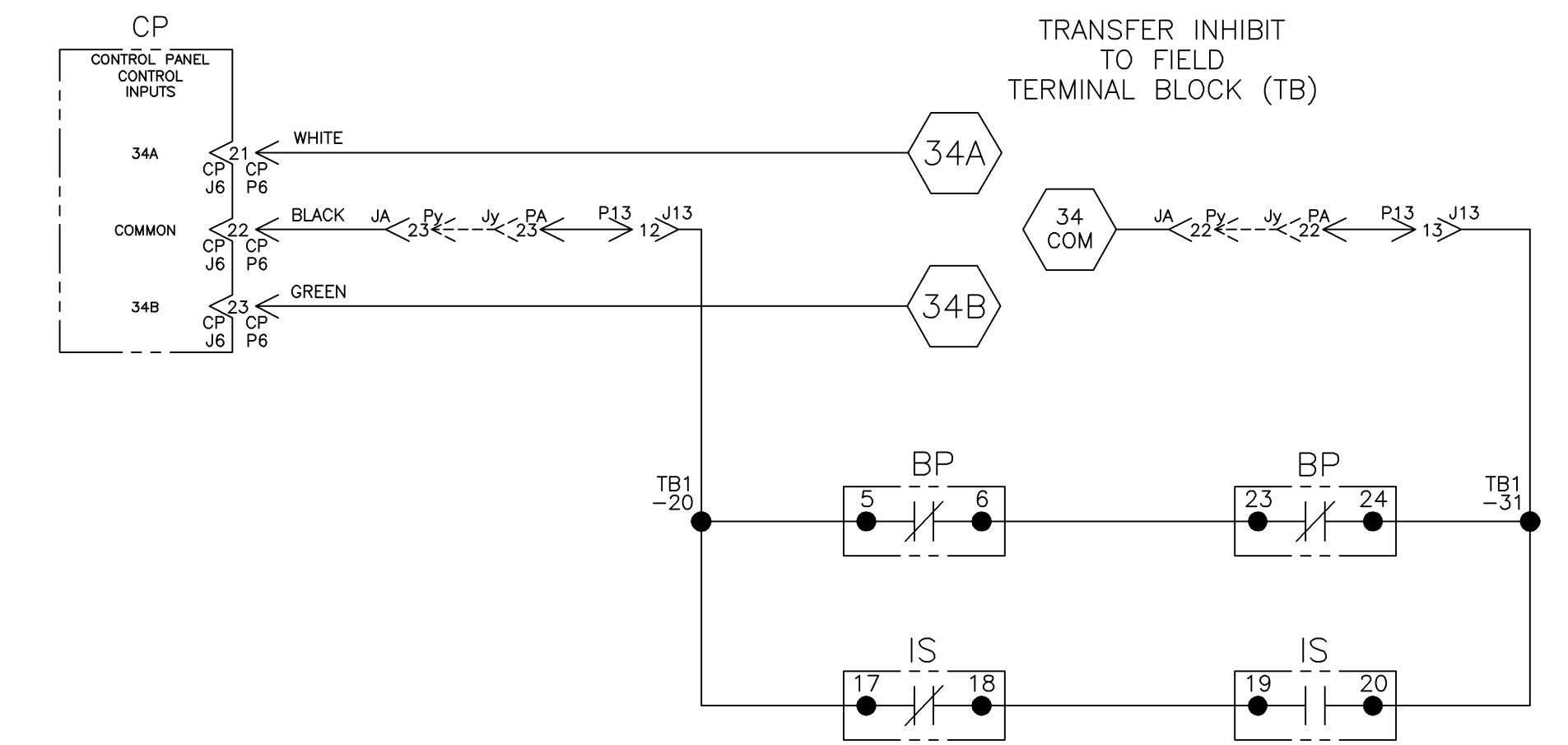
CONTROL SIGNALS & INDICATION



ENGINE START CIRCUIT

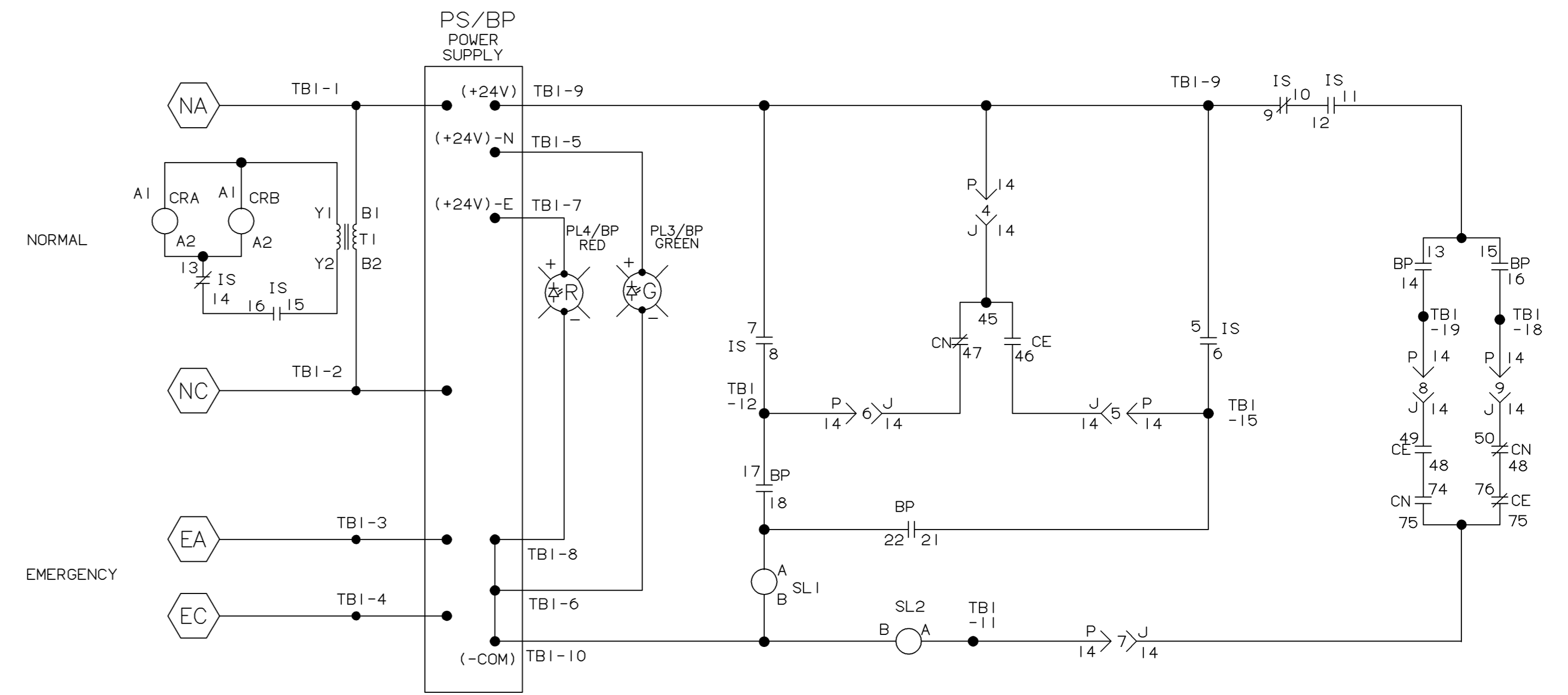


CONTROL PANEL/BYPASS-ISOLATION INTERLOCKS



PROJECT NAME:		WIRING DIAGRAM		7000 SERIES (7ACTB) GROUP 5 CONTROLS	
DRAWN BY	YZ	DATE	6/98	ASSEMBLY NO.	
CHECKED		DRAFTING APPROVAL		SCALE	1:1
FINAL APPROVAL	YZ	DATE	6/98	ASSEMBLY NO.	ASCO
PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.			ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		
CHANGE LETTER	K	E.C.N. NO.	202348	BY	CC
DATE	11/04/04	APP.		DATE	
SUBSIDIARY DISTRIBUTION			COMPUTER GENERATED DRAWING		
AE	AN	AM	AA	AS	AR
CH	AV	AA	PS	AR	
AG	AP	AC	AS	AR	
SIZE	DWG. NO.	FILE			
DS	617423				
CHANGE LETTER	K	E.C.N. NO.	202348	SHEET	4 OF 8

BYPASS / ISOLATION INTERLOCKING & INDICATION



PROJECT NAME:		202348		CC	WK	11/04/04
WIRING DIAGRAM		SEE ECN		CHANGE LETTER	ECN NO.	BY APP. DATE
7000 SERIES (7ACTB) GROUP 5 CONTROLS		SUBSIDIARY DISTRIBUTION		AE	AN	AM
THIRD ANGLE PROJECTION		COMPUTER GENERATED DRAWING		CH	AV	AA
DRAWN BY: YZ 6/98		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005.		AG	AP	AC
CHECKED:		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		AS	AS	AS
DRAFTING APPROVAL:		SCALE 1:1		ACAD	FILE	
FINAL APPROVAL: YZ 6/98		ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		SIZE	DWG. NO.	
ASCO		DS617423		CHANGE LETTER	ECN NO.	202348
		SHEET 5 OF 8				

PHYSICAL DIAGRAM

ENCLOSURE

TB

TOP DOOR (INSIDE)

OPTIONAL
POWERMANAGER
OR ADDITIONAL
OPERATOR CONTROLS
ESCUTCHEON MOUNTING

OPERATOR CONTROLS
ESCUTCHEON MOUNTING
PN 613658-001
(REFER TO ASSEMBLY DRAWING FOR WIRING)

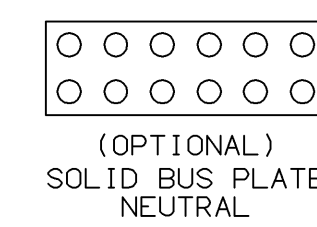
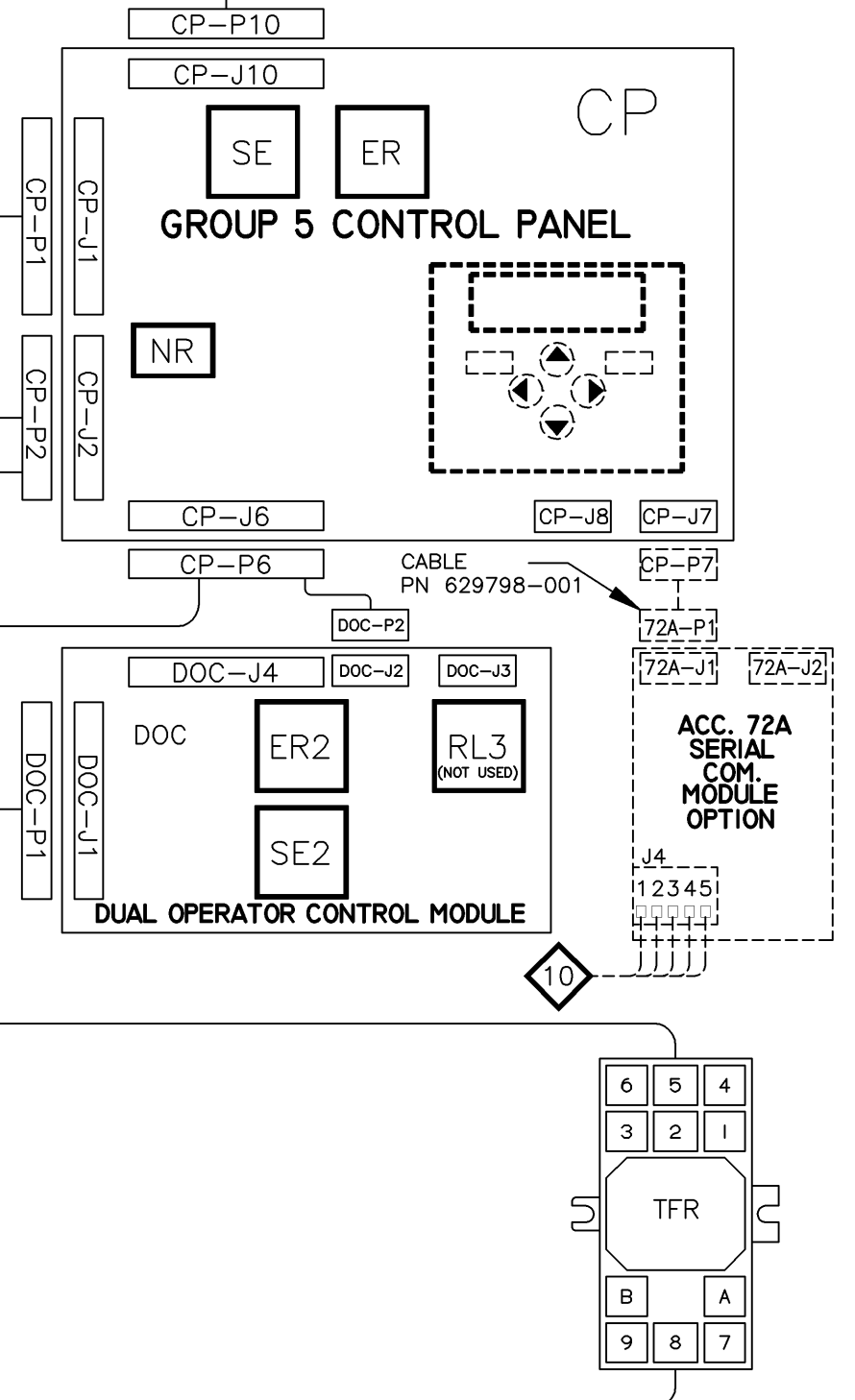
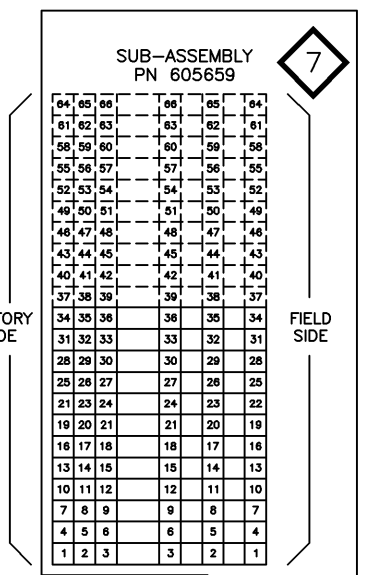
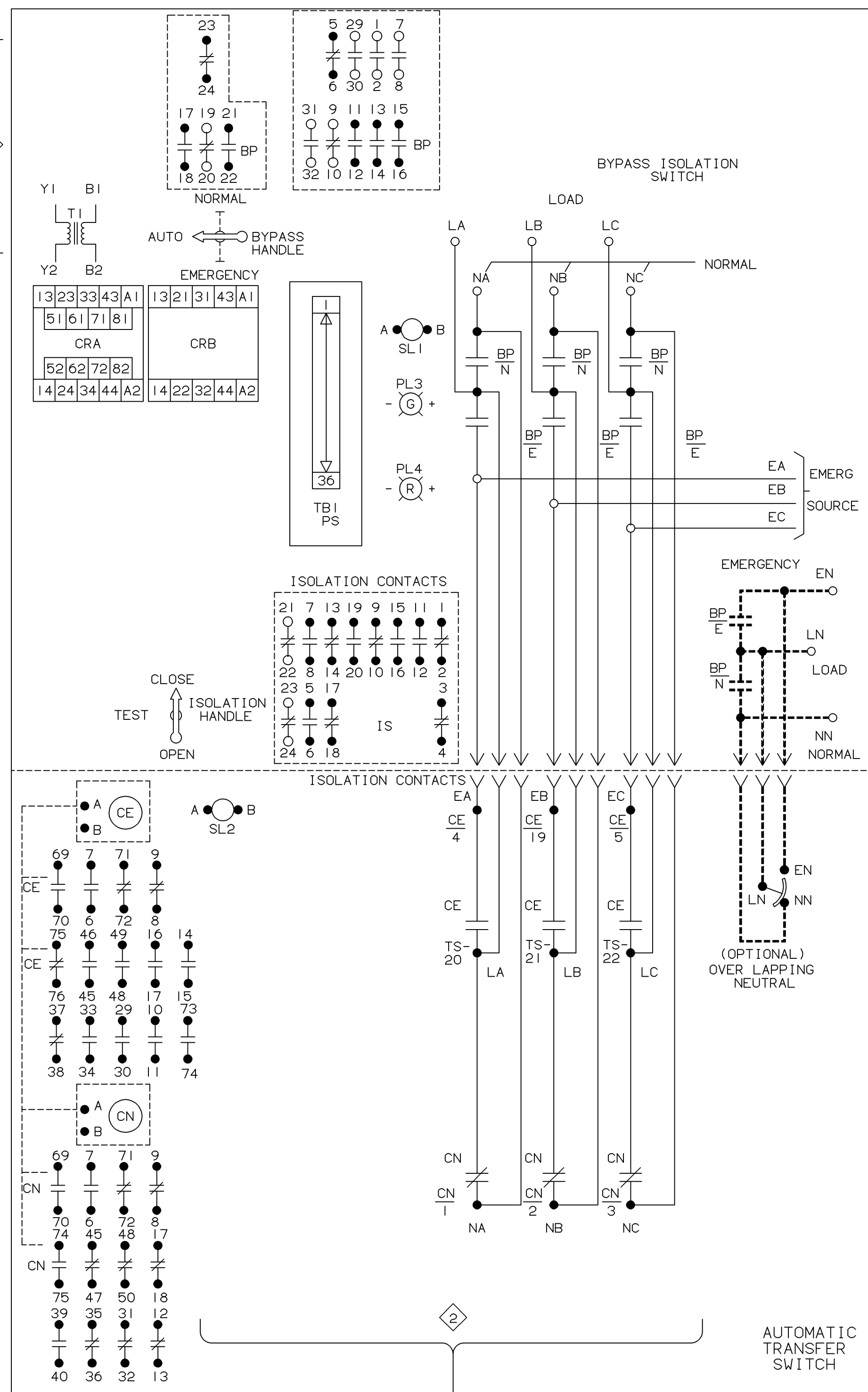
GROUP 5 CONTROL PANEL

DUAL OPERATOR CONTROL MODULE

ACC. 72A
SERIAL
COM
MODULE
OPTION

OPTIONAL
ACCESSORY ADD-ON PANEL
MOUNTING

OPTIONAL
ACCESSORY ADD-ON PANEL
MOUNTING



BP CONTROLS

ID	DESCRIPTION
PL3	NORMAL SOURCE AVAILABLE
PL4	EMERGENCY SOURCE AVAILABLE

PROJECT NAME:		WIRING DIAGRAM	
7000 SERIES (7ACTB)		GROUP 5 CONTROLS	
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055	ASSEM. REF. NO.
YZ	6/98		
CHECKED		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	SCALE
DRAFTING			1:1
APPROVAL			ACAD
			FILE
FINAL APPROVAL	YZ	6/98	SIZE
			DWG. NO.
			DS617423
			CHANGE LETTER
			ECN NO. 202348
			SHEET 6 OF 8

WIRE RUN LISTING

Table 1: HARNESS LOCATOR for HARNESS 619510-035. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like TB1-33, IS-1, J13-1, etc.

Table 2: HARNESS LOCATOR for HARNESS 619510-035. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like P9-8, PA-15, P9-9, PA-16, etc.

Table 3: HARNESS LOCATOR for HARNESS 619510-035. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like P14-3, P14-11, P14-21, etc.

Table 4: HARNESS LOCATOR for HARNESS 619510-019. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like J9-1, CN-72, J9-2, CN-8, etc.

Table 5: HARNESS LOCATOR for HARNESS 619510-019. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like J14-3, J14-11, J14-21, etc.

Table 6: HARNESS LOCATOR for HARNESS 483763. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like J-1, CP-P1-8, J-2, CP-P1-15, etc.

Table 7: HARNESS LOCATOR for SUB-ASSEMBLY 605659. Columns include WIRE No., HARNESS, CLR, and AWG. Lists various wire identifiers like TB-1, P3-1, TB-2, P3-2, etc.

Project information block including PROJECT NAME (WIRING DIAGRAM), DATE (6/98), SCALE (1:1), and drawing number (DS617423). Includes ASCO logo and manufacturing tolerances.

D

C

B

A

D

C

B

A

