



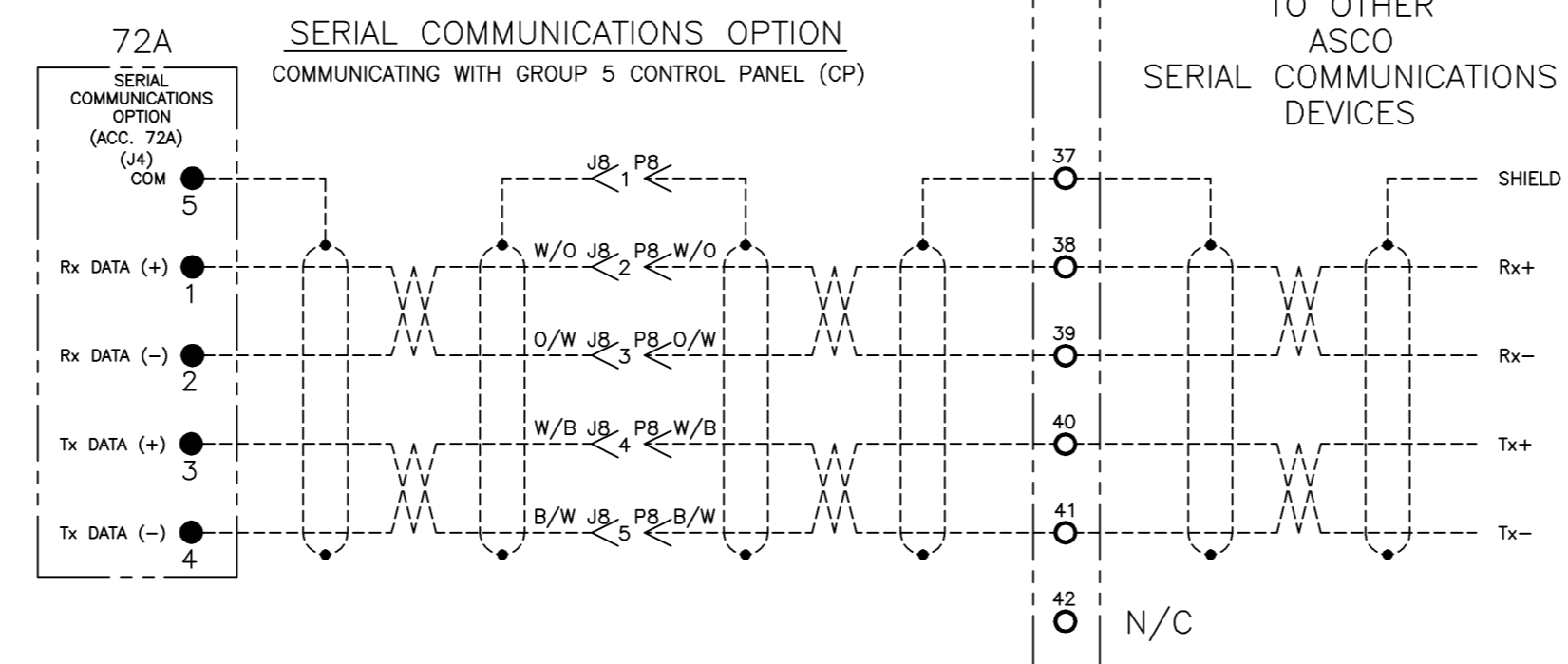
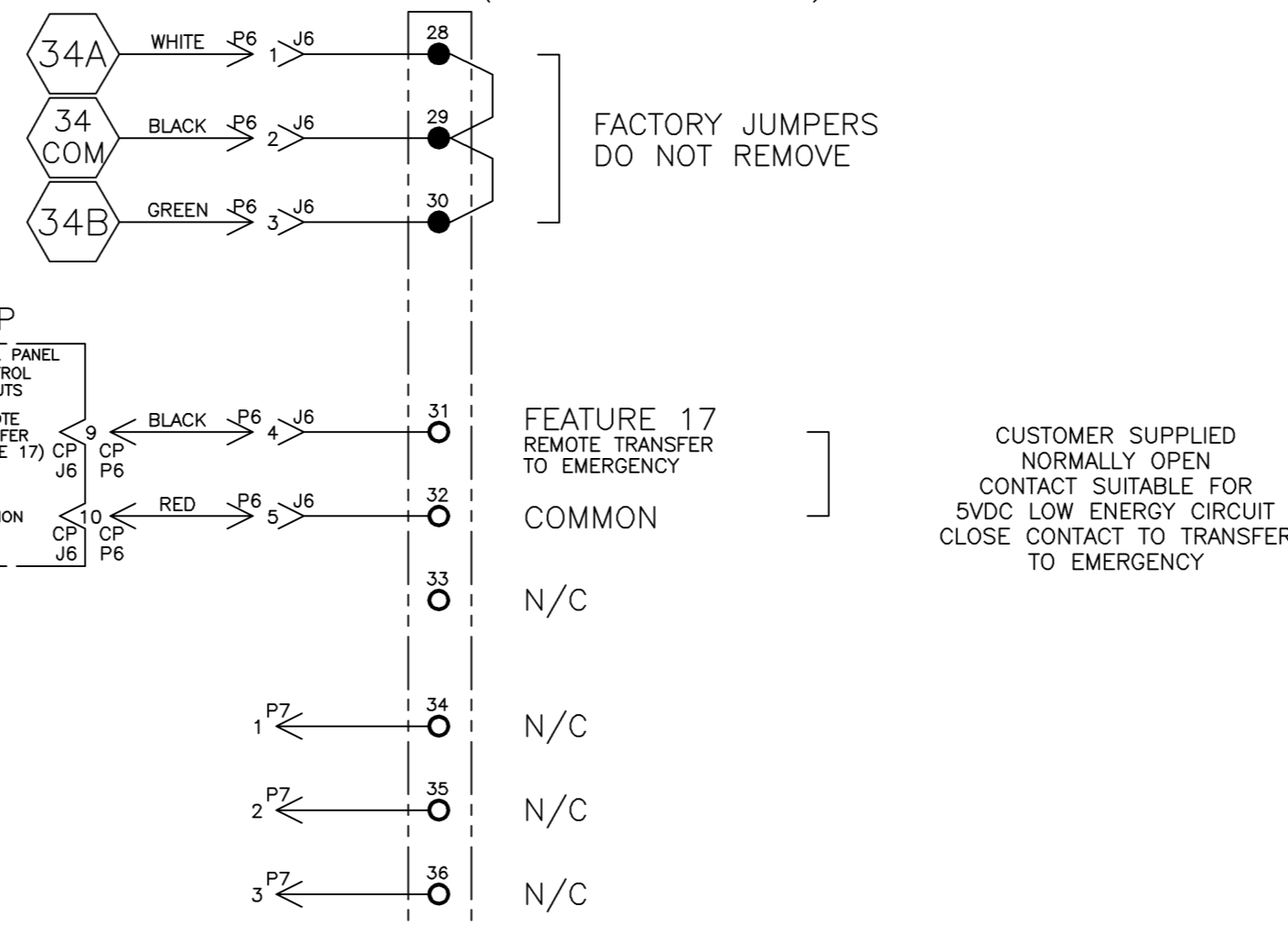
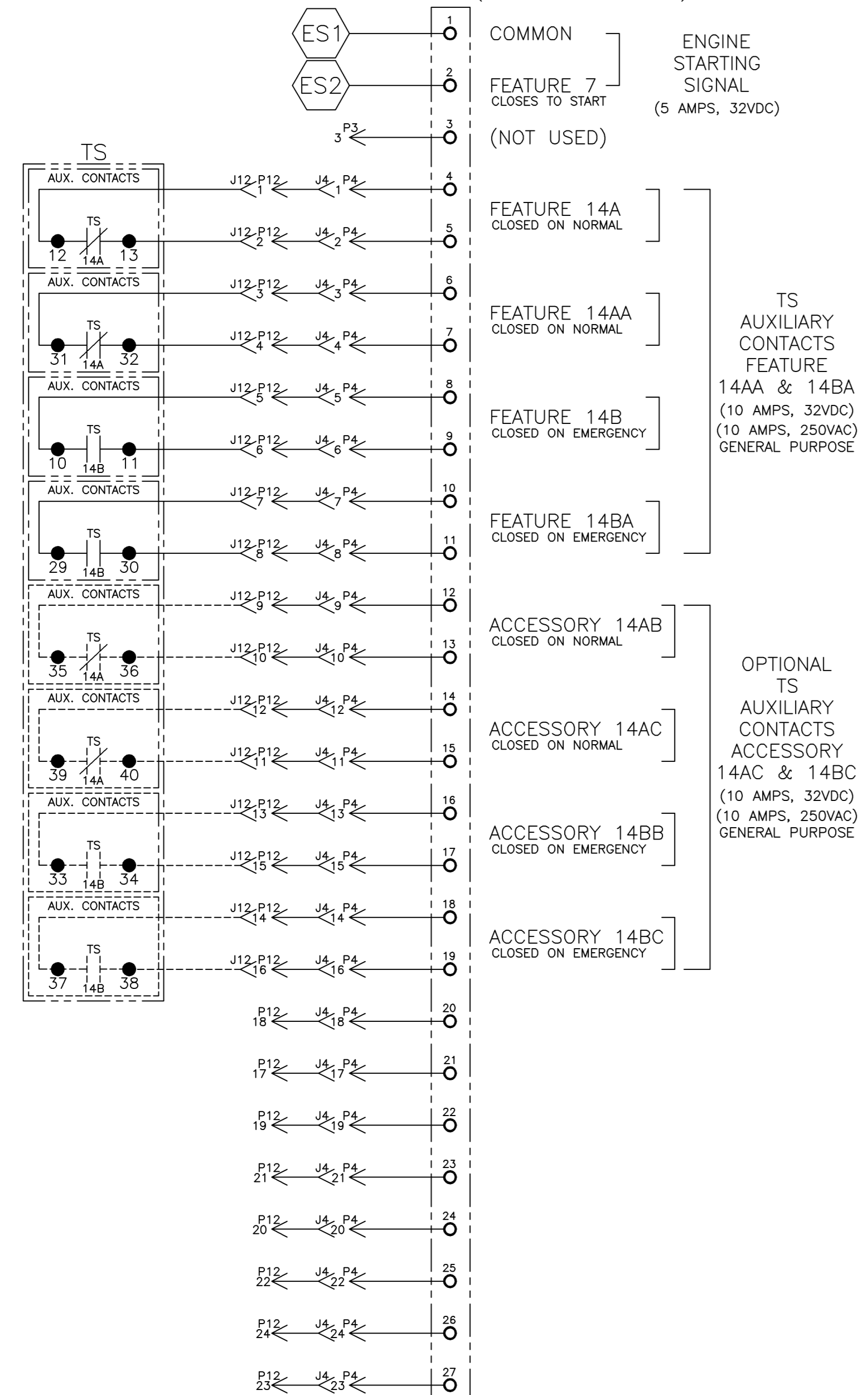
# FIELD CONNECTIONS

D  
C  
B  
A

D  
C  
B  
A

LOCATED AT UPPER RIGHT SIDE OF ENCLOSED UNITS  
TB (FIELD CONNECTIONS), WIRE RANGE: 22-12 AWG

LOCATED AT UPPER RIGHT SIDE OF ENCLOSED UNITS  
TB (FIELD CONNECTIONS), WIRE RANGE: 22-12 AWG

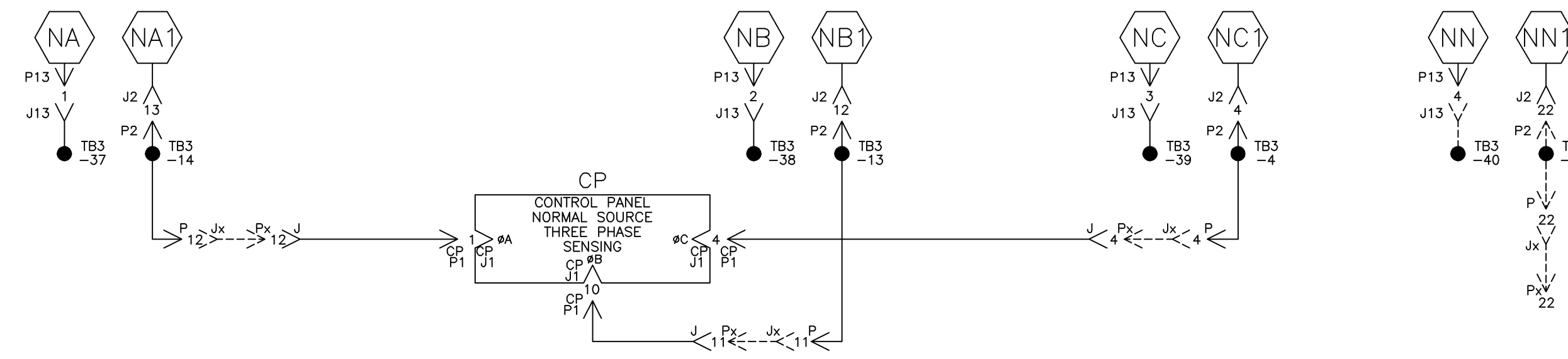


PROJECT NAME:		203819 TR BK 03/18/05	
WIRING DIAGRAM		SEE ECN	
7000 SERIES (7ATB) GROUP 5 CONTROLS		SUBSIDIARY DISTRIBUTION	
THIRD ANGLE PROJECTION		<input type="checkbox"/> AN <input type="checkbox"/> AM <input type="checkbox"/> AJ <input type="checkbox"/> AL <input type="checkbox"/> <input type="checkbox"/> 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: JPB 4/98		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055.	
CHECKED: [ ]		ASSEM. REF. NO.	
DRAFTING APPROVAL: [ ]		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
FINAL APPROVAL: SDH 4/98		<b>ASCO</b> ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	
SCALE: 1:1		COMPUTER GENERATED DRAWING	
SIZE: DS 617422		ACAD FILE	
CHANGE LETTER: H		SHEET NO. 2 OF 8	



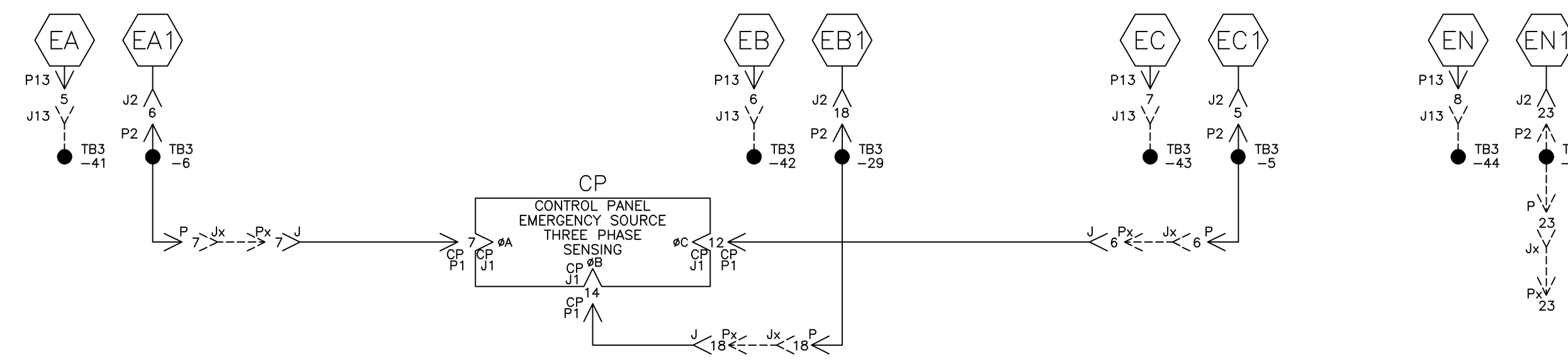
NORMAL SOURCE CIRCUITS

NORMAL



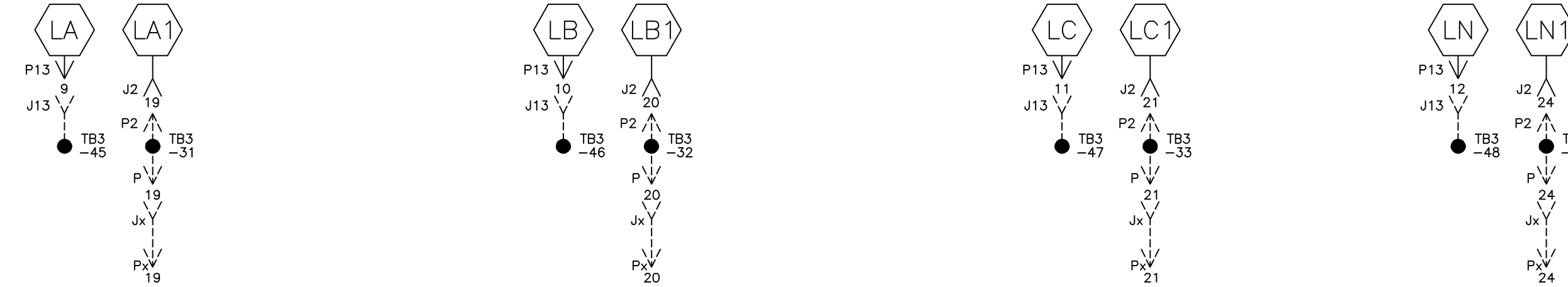
EMERGENCY SOURCE CIRCUITS

EMERGENCY

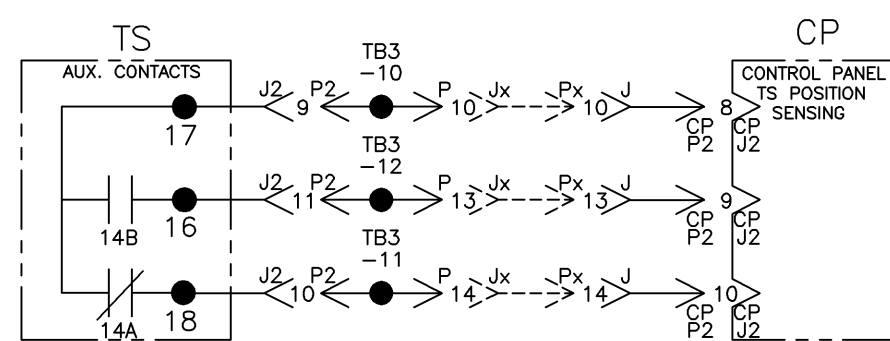


LOAD TERMINAL CIRCUITS

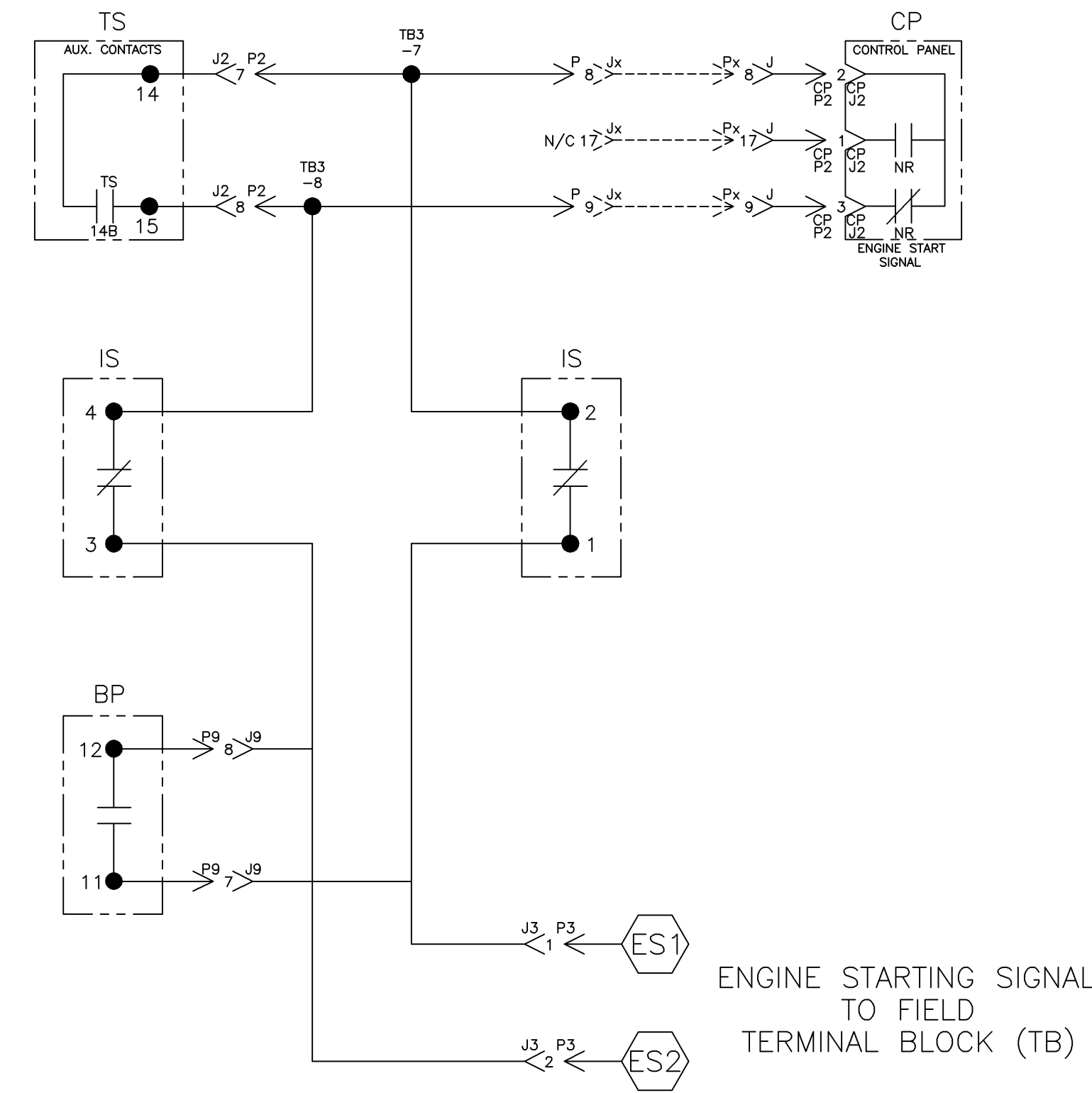
LOAD



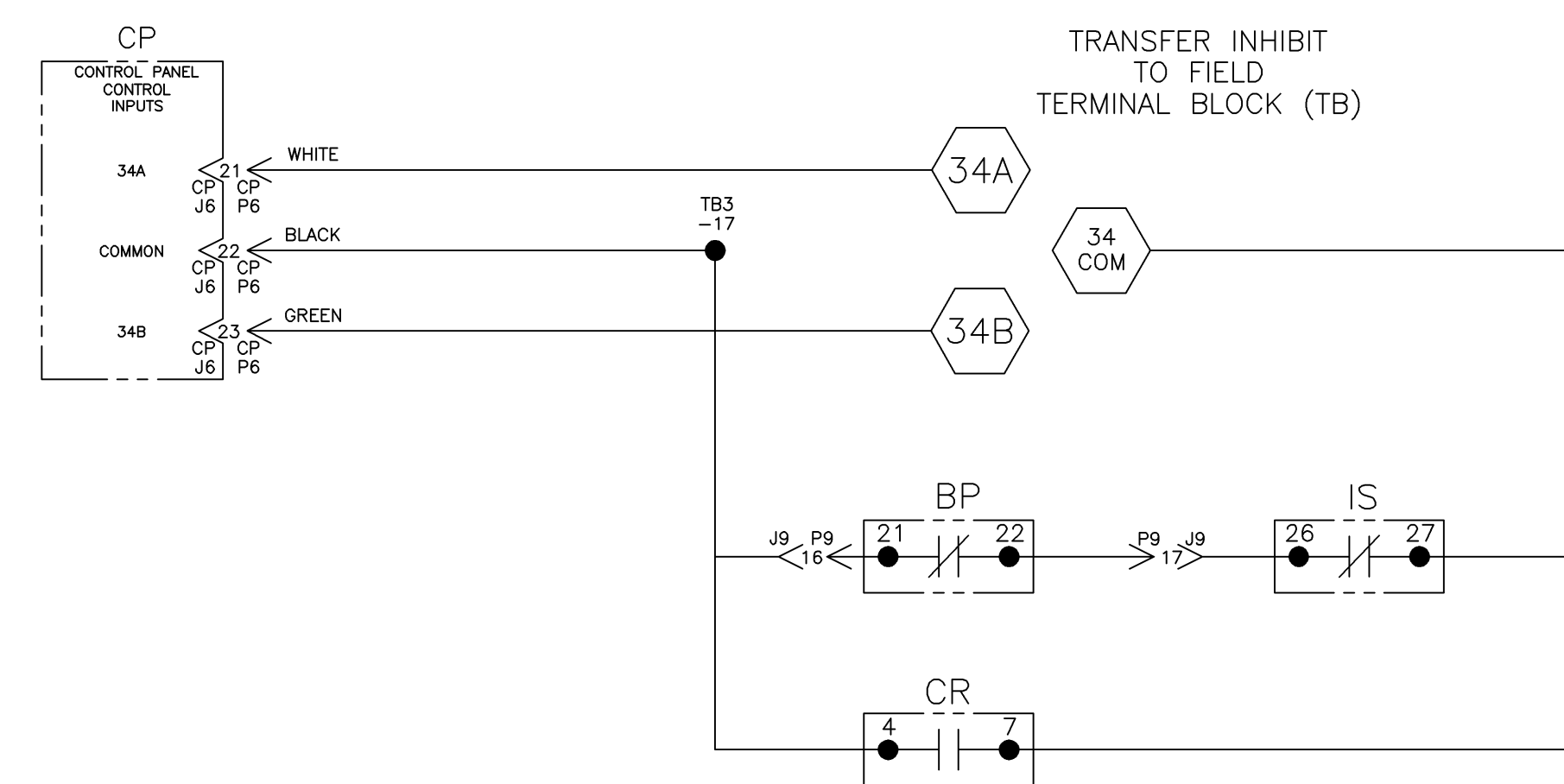
CONTROL SIGNALS & INDICATION



ENGINE START CIRCUIT



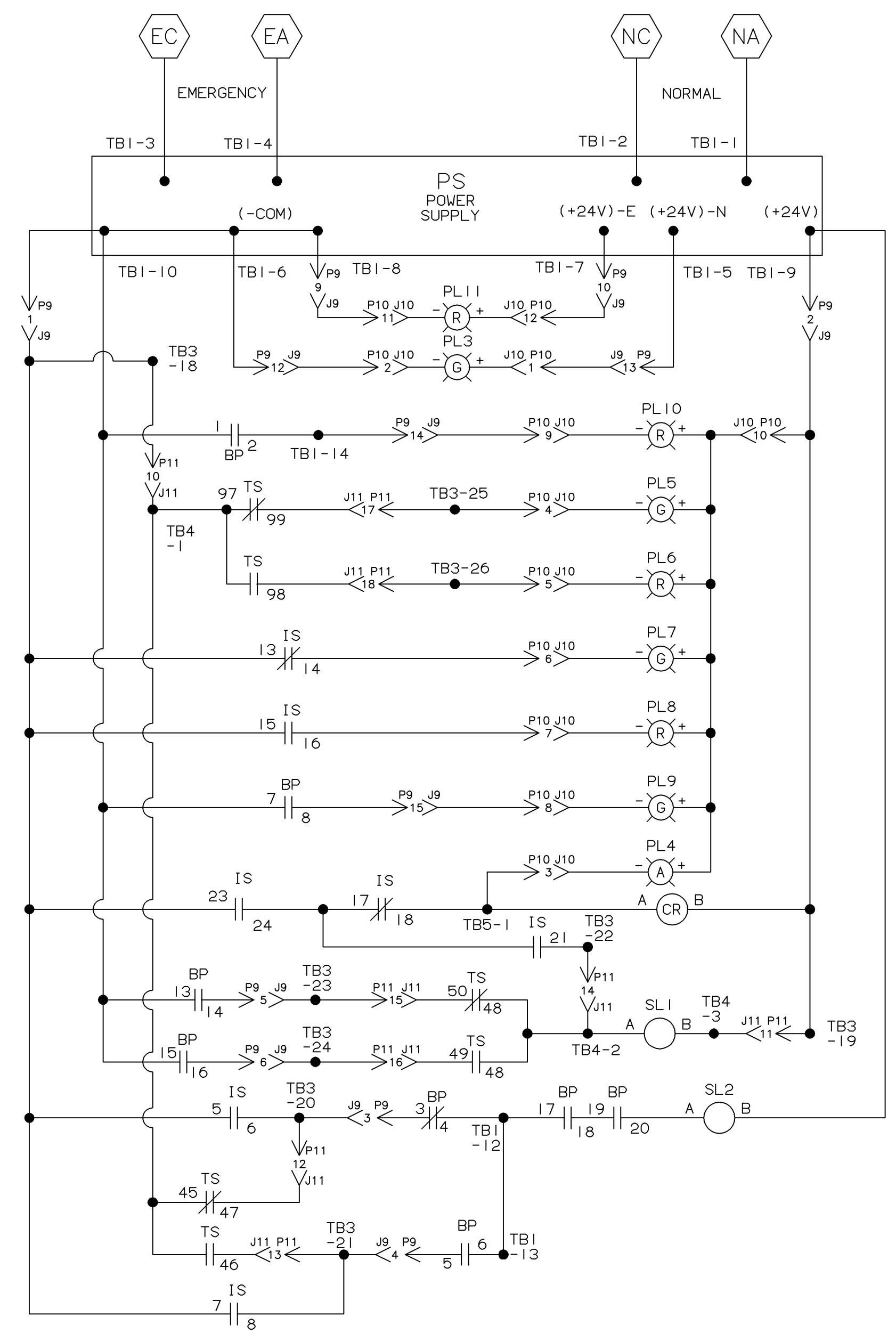
CONTROL PANEL/BYPASS-ISOLATION INTERLOCKS



PROJECT NAME:		203819 TR BK 03/18/05	
WIRING DIAGRAM		SEE ECN	
7000 SERIES (7ATB)		SUBSIDIARY DISTRIBUTION	
GROUP 5 CONTROLS		THIRD ANGLE PROJECTION	
DRAWN BY	BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.
CHECKED	JPB	4/98	ASSEM. REF. NO.
DRAFTING APPROVAL			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
FINAL APPROVAL	SDH	4/98	ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.
COMPUTER GENERATED DRAWING		SCALE 1:1 ACAD FILE	
SIZE		DWG. NO. DS617422	
CHANGE LETTER		H	
ECN NO.		203819	
SHEET		4 OF 8	

BYPASS / ISOLATION INTERLOCKING & INDICATION

ADDITIONAL CIRCUITS



PROJECT NAME:		203819 TR BK 03/18/05	
WIRING DIAGRAM		SEE ECN	
7000 SERIES (7ATB) 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: JPB DATE: 4/98		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.	
CHECKED:		ASSEMBLY REF. NO.	
DRAFTING APPROVAL:		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
FINAL APPROVAL: SDH 4/98		SCALE: 1:1 ACAD FILE	
ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		SIZE: DWG. NO. DS617422	
CHANGE LETTER: H		CHANGE NO.: 203819	
		SHEET NO.: 5 OF 8	

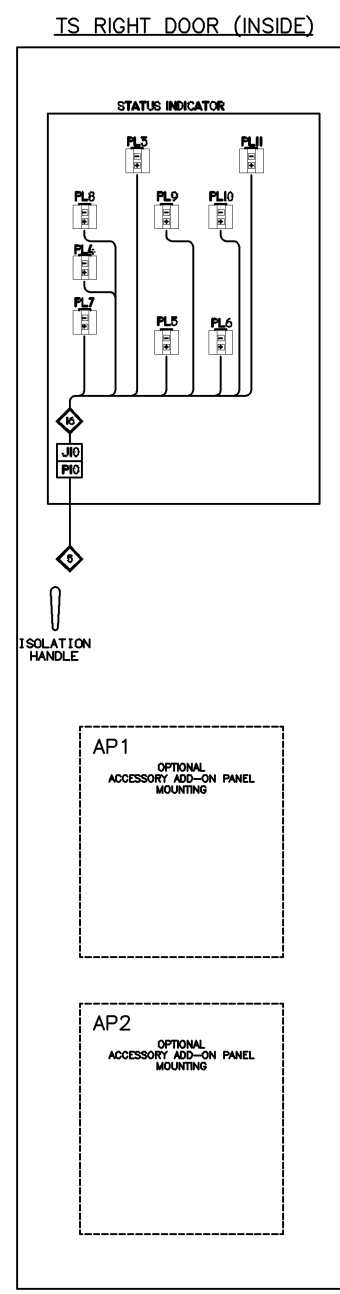
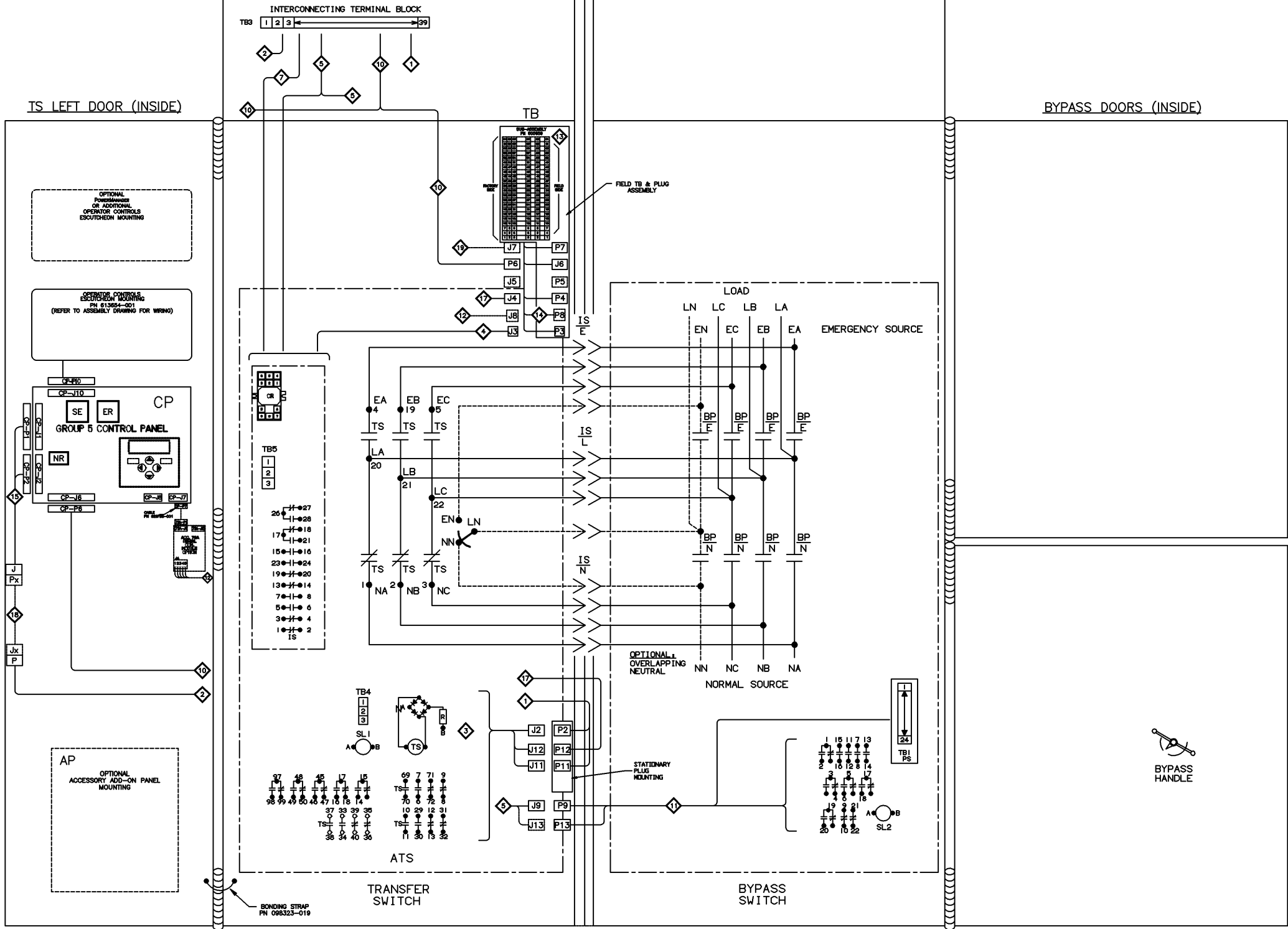
PHYSICAL DIAGRAM

NOTE: REFER TO INSTALLATION DWG. FOR CABLING OR BUS CONNECTIONS. NORMAL, EMERG. & LOAD

BP CONTROLS	
ID	DESCRIPTION
PL3	NORMAL SOURCE AVAILABLE
PL4	TS IN TEST POSITION
PL5	TS CONTACTS CLOSED ON NORMAL
PL6	TS CONTACTS CLOSED ON EMERGENCY
PL7	TS CONNECTED TO SOURCE
PL8	TS DISCONNECTED FROM SOURCE
PL9	BYPASS CONTACT CLOSED ON NORMAL
PL10	BYPASS CONTACT CLOSED ON EMERGENCY
PL11	EMERGENCY SOURCE AVAILABLE

D  
C  
B  
A

D  
C  
B  
A



ENCLOSURE

PROJECT NAME:		203819 TR BK 03/18/05	
WIRING DIAGRAM		SUBSIDIARY DISTRIBUTION	
7000 SERIES (7ATB) GROUP 5 CONTROLS		THIRD ANGLE PROJECTION	
BY: JPB	DATE: 4/98	SCALE: 1:1	ACAD FILE
CHECKED: SDH	DATE: 4/98	SIZE: DWG. NO. DS617422	SHEET: 6 OF 8
PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.			
ASCO POWER TECHNOLOGIES, LP. FLORHAM PARK, NEW JERSEY 07932 U.S.A.			

WIRE RUN LISTING

Table 1: HARNESS LOCATOR 1. WIRE No., HARNESS (P2,P11,TB3), CLR, AWG. Lists wires 1-26 for harness P2,P11,TB3.

Table 2: HARNESS LOCATOR 3. WIRE No., HARNESS 619510-009 (J2,J11,J12,TB4) TS, CLR, AWG. Lists wires 1-33 for harness 619510-009.

Table 3: HARNESS LOCATOR 5. WIRE No., HARNESS (J9,J13,P10,JS,TB3), CLR, AWG. Lists wires 18-100 for harness (J9,J13,P10,JS,TB3).

Table 4: HARNESS LOCATOR 2. WIRE No., HARNESS (P,PA,TB3), CLR, AWG. Lists wires 1-48 for harness P,PA,TB3.

Table 5: HARNESS LOCATOR 4. WIRE No., HARNESS 619510-030 (J3,JS) ENGINE START, CLR, AWG. Lists wires 86-89 for harness 619510-030.

Table 6: HARNESS LOCATOR 7. WIRE No., HARNESS (IS,CR,TB3) INTERCONNECT, CLR, AWG. Lists wires 18-184 for harness (IS,CR,TB3) INTERCONNECT.

Table 7: HARNESS LOCATOR 10. WIRE No., HARNESS 619510-005 (P6) FIELD INPUTS, CLR, AWG. Lists wires 154-156 for harness 619510-005.

Table 8: HARNESS LOCATOR 11. WIRE No., HARNESS 619510-010 (P9,P13,TB1,BP) BYPASS, CLR, AWG. Lists wires 18-103 for harness 619510-010.

Table 9: HARNESS LOCATOR 12. WIRE No., HARNESS 605454-005 (J8) OPTIONAL SERIAL I/O, CLR, AWG. Lists wires 228-236 for harness 605454-005.

Table 10: HARNESS LOCATOR 13. WIRE No., SUB-ASSEMBLY 605659 (P3,P4,J6,P7,TB) STD. FIELD TB, CLR, AWG. Lists wires 86-227 for sub-assembly 605659.

Project information block including PROJECT NAME (WIRING DIAGRAM), DATE (03/18/05), SCALE (1:1), and ASCO logo.

