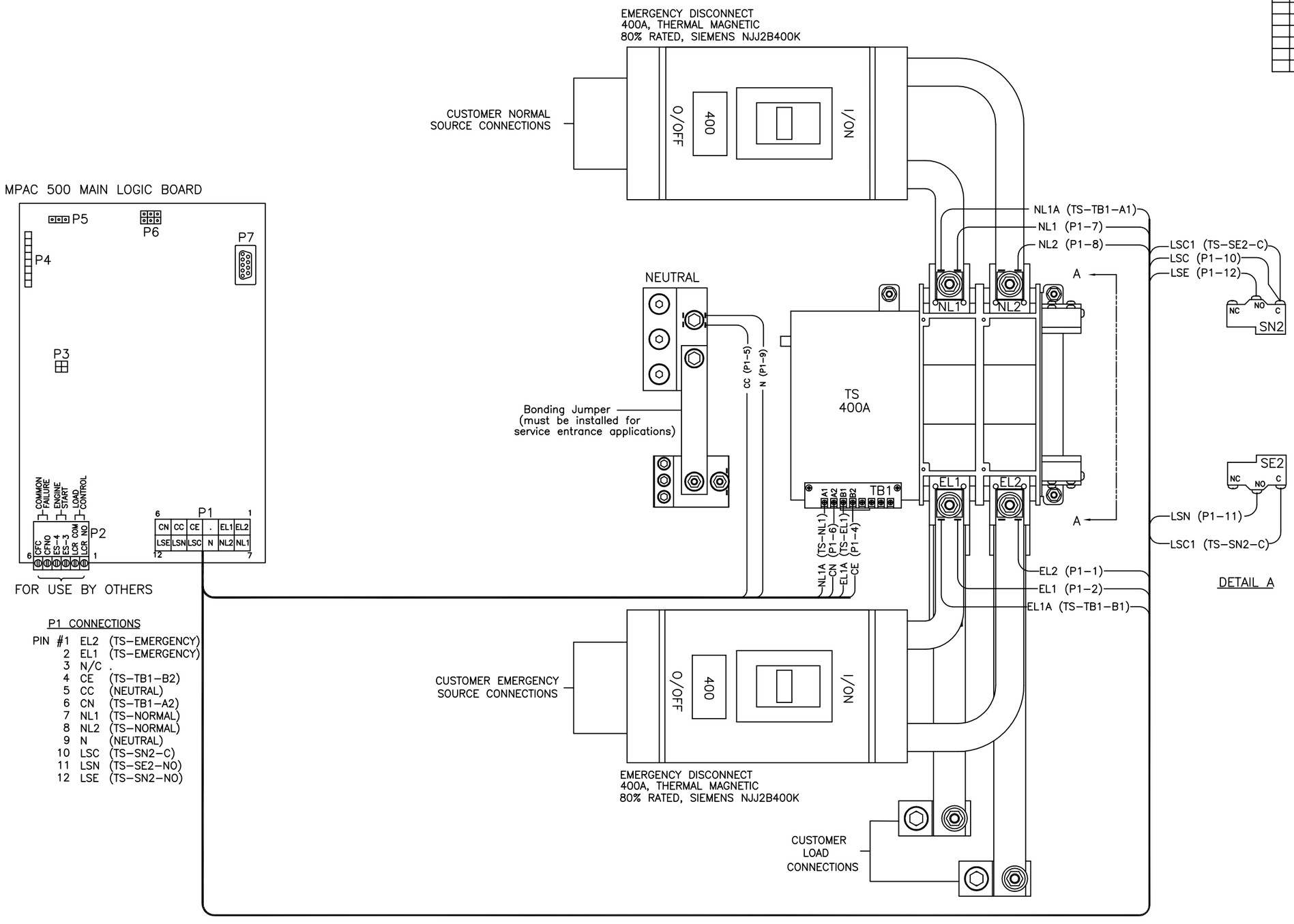
REV	DATE	REVISION	BY	M F
–	8-7-08	NEW DRAWING [85807]	FCH	



LEGEND

CN – TRANSFER COIL NORMAL
CE – TRANSFER COIL EMERGENCY
ED – EMERGENCY SERVICE DISCONNECT
LSN – POSITION SENSE SWITCH NORMAL
LSE – POSITION SENSE SWITCH EMERGENCY
GND – ENCLOSURE GROUND
ND – NORMAL SERVICE DISCONNECT
P(#) – CONNECTOR
TS – TRANSFER SWITCH/CONTACTOR

P1 CONNECTIONS

PIN	#1	EL2	(TS–EMERGENCY)
	2	EL1	(TS–EMERGENCY)
	3	N/C	.
	4	CE	(TS–TB1–B2)
	5	CC	(NEUTRAL)
	6	CN	(TS–TB1–A2)
	7	NL1	(TS–NORMAL)
	8	NL2	(TS–NORMAL)
	9	N	(NEUTRAL)
	10	LSC	(TS–SN2–C)
	11	LSN	(TS–SE2–NO)
	12	LSE	(TS–SN2–NO)

400A SE ATS

UNLESS OTHERWISE SPECIFIED –
1) DIMENSIONS ARE IN INCHES
2) TOLERANCES ARE:
.XXX± .010 ANGLES± 1/2°
.XX ± .030 SURFACE FINISH
.X ± .060 √ MAX.
FRACTIONS ±

APPROVALS		DATE
DRAWN	FCH	8-7-08
CHECKED	CRS	8-15-08
APPROVED	AJH	8-15-08

KOHLER CO.
POWER SYSTEMS, KOHLER, WI 53044 U.S.A.

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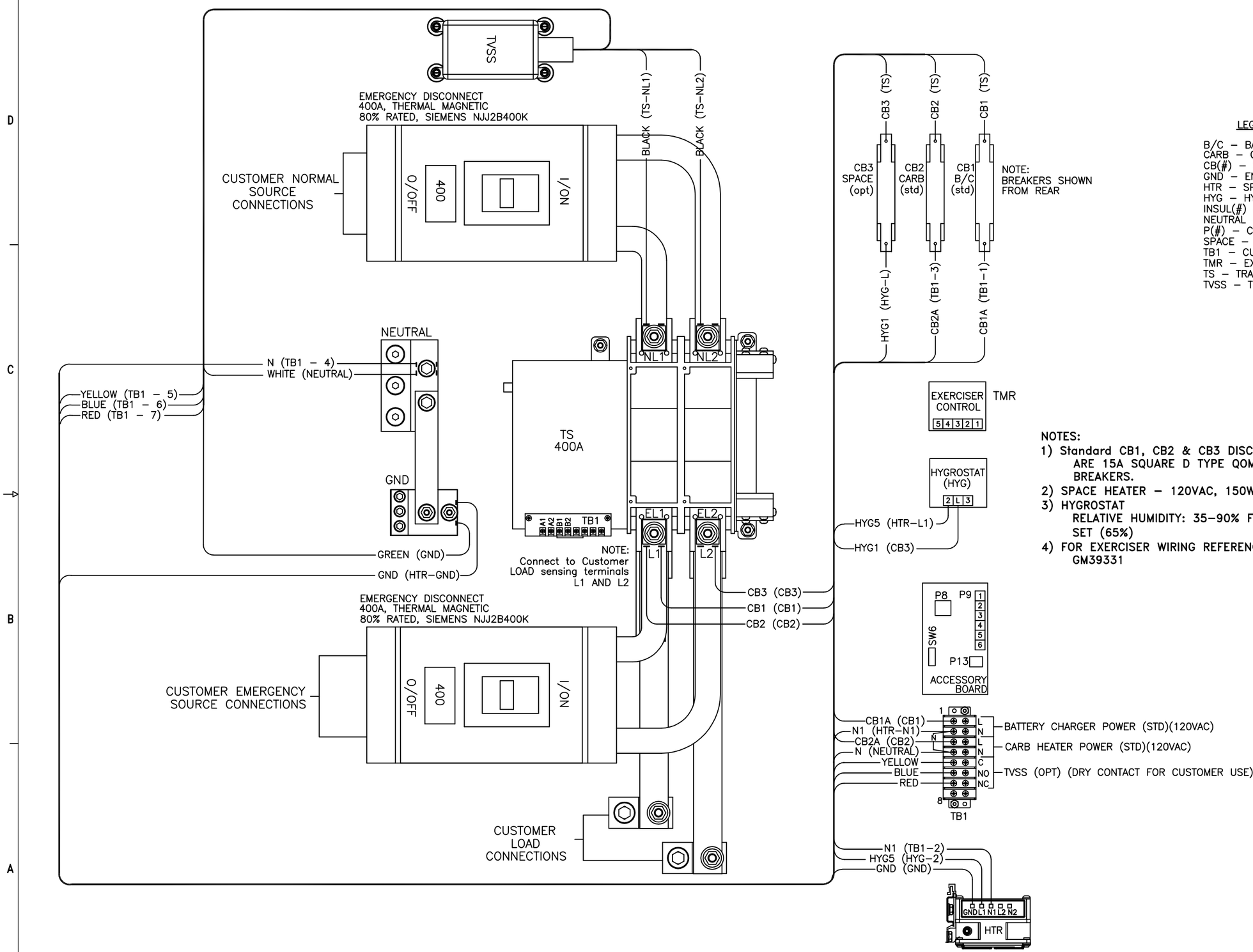
TITLE DIAGRAM, WIRING
400A SE ATS

SCALE / / / | CAD NO. | SHEET 1–2
PLOTTED | DWG. NO. GM65395 | D

REV	DATE	REVISION	BY	N F
–	8–7–08	NEW DRAWING [85807]	FCH	



LEGEND

B/C – BATTERY CHARGER C/B DISCONNECT (STANDARD)
CARB – CARBURETOR HEATER C/B DISCONNECT (STANDARD)
CB(#) – CIRCUIT BREAKER
GND – ENCLOSURE GROUND
HTR – SPACE HEATER (OPTIONAL)
HYG – HYGROSTAT (OPTIONAL)
INSUL(#) – INSULINK
NEUTRAL – ENCLOSURE NEUTRAL
P(#) – CONNECTOR
SPACE – SPACE HEATER C/B DISCONNECT (OPTIONAL)
TB1 – CUSTOMER CONNECT TERMINAL BLOCK
TMR – EXERCISER CONTROL (OPTIONAL)
TS – TRANSFER SWITCH/CONTACTOR
TVSS – TRANSIENT VOLTAGE SURGE SUPPRESSOR (OPTIONAL)

NOTES:
1) Standard CB1, CB2 & CB3 DISCONNECTS ARE 15A SQUARE D TYPE QOM CIRCUIT BREAKERS.
2) SPACE HEATER – 120VAC, 150W
3) HYGROSTAT
RELATIVE HUMIDITY: 35–90% FACTORY SET (65%)
4) FOR EXERCISER WIRING REFERENCE GM39331

UNLESS OTHERWISE SPECIFIED –
1) DIMENSIONS ARE IN INCHES
2) TOLERANCES ARE:
.XXX± .010 ANGLES± 1/2°
.XX ± .030 SURFACE FINISH
.X ± .060 MAX.
FRACTIONS ±

APPROVALS	DATE
DRAWN FCH	8–15–08
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APPROVED	

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TITLE DIAGRAM, WIRING
Acc 400A SE ATS

SCALE / / / | CAD NO. | SHEET 2–2
PLOTTED | DWG. NO. GM65395 | D