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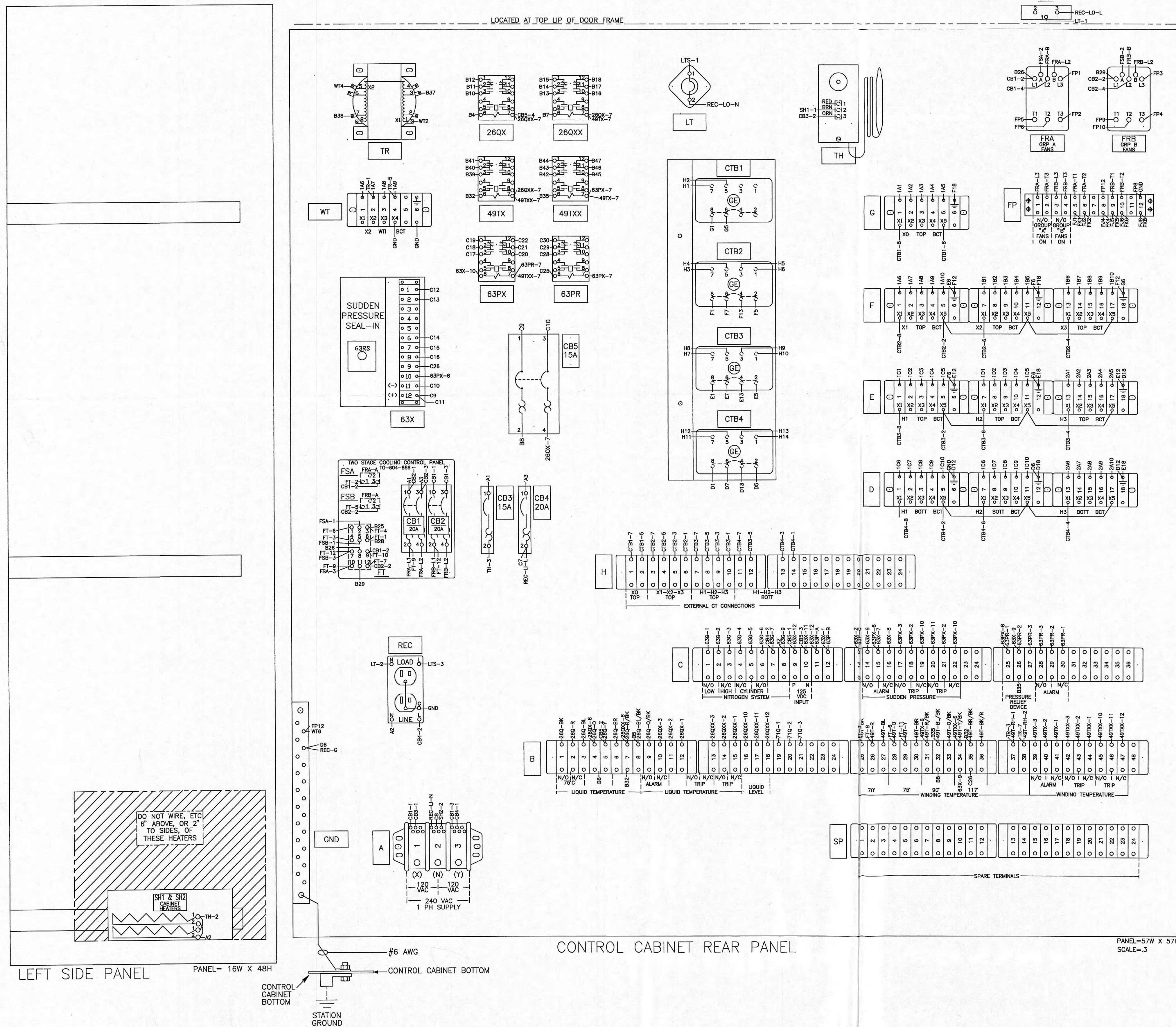
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DRAWN	RDN	WAUKESHA ELECTRIC SYSTEMS A UNIT OF GENERAL SIGNAL P.O. BOX 268 GOLDSBORO NC 27533		
DATE	10/22/97			
APPROVED	MBS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TRANSFORMER NAMEPLATE DRAWING		
		SIZE C	FSCM NO []	DWG NO A547436890
		SCALE 1:0	SHEET	

NOTES:

- 1- CONTROL WIRE #14 AWG, 600V, 90°C, TYPE SIS (VW-1)
- 2- BCT WIRE #10 AWG, 600V, 90°C, TYPE SIS (VW-1)
- 3- POWER WIRING TO ALL CIRCUIT BREAKERS #8 AWG, 600V, 90°C, TYPE SIS (VW-1).
- 4- WIRING TO HEATER TERMINALS #12 AWG, 600V, 150°C, TYPE FEP TEFLON.
- 5- CONTROL TERMINAL BLOCKS 30 AMP, 600V, MARATHON SERIES 300.
- 6- BCT TERMINAL BLOCKS 30 AMP, 600V, MARATHON SERIES 1600SC.
- 7- POWER TERMINAL BLOCK 175 AMP, 600V, MARATHON SERIES 140.
- 8- BCT TEST BLOCKS 10 AMP, 250V, 4 POLE, GENERAL ELECTRIC TYPE PK-2.
- 9- LABEL ALL TERMINAL WIRES PER "OPPOSITE-END" DESIGNATION.
- 10- ALL LUGS ARE NON-INSULATED, AMP SOLISTRAND, RING-TYPE. CRIMP #10-12 AWG LUGS, & BUTT SPLICES, WITH AMP #49935-Y TOOL. CRIMP #8 AWG LUGS, & BUTT SPLICES, WITH AMP #69355 TOOL.

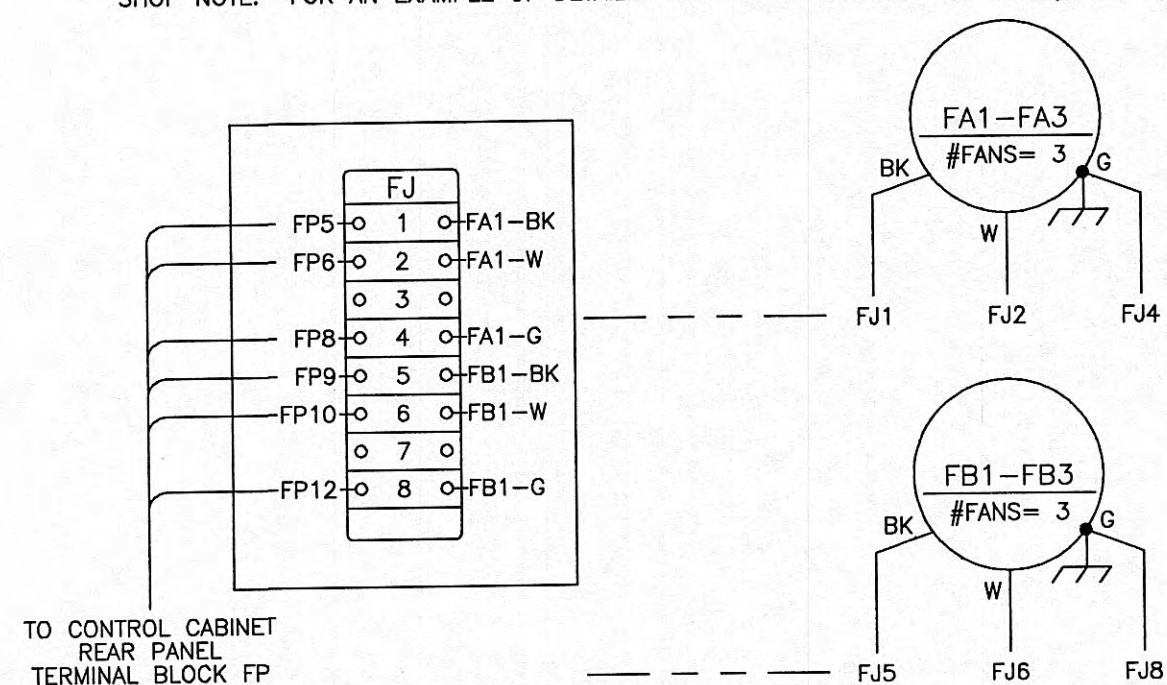
REVISIONS			
ZONE	REV	DESCRIPTION	DATE
			APPROVED



- NOTES:
- 1- CONTROL WIRING #14 AWG, 600 VOLT, TYPE SIS (VW-1).
 - 2- BCT WIRING #10 AWG, 600 VOLT, TYPE SIS (VW-1).
 - 3- POWER WIRING FROM FANS TO TERMINAL BLOCK FP ON CONTROL CABINET REAR PANEL #12 AWG, 600 VOLT, TYPE SIS (VW-1).
 - 4- ALL WIRING INSIDE CONTROL CABINETS AND LUGGED WIRES INSIDE JUNCTION BOXES TO BE LABELED AT BOTH ENDS WITH OPPOSITE END DESIGNATIONS.

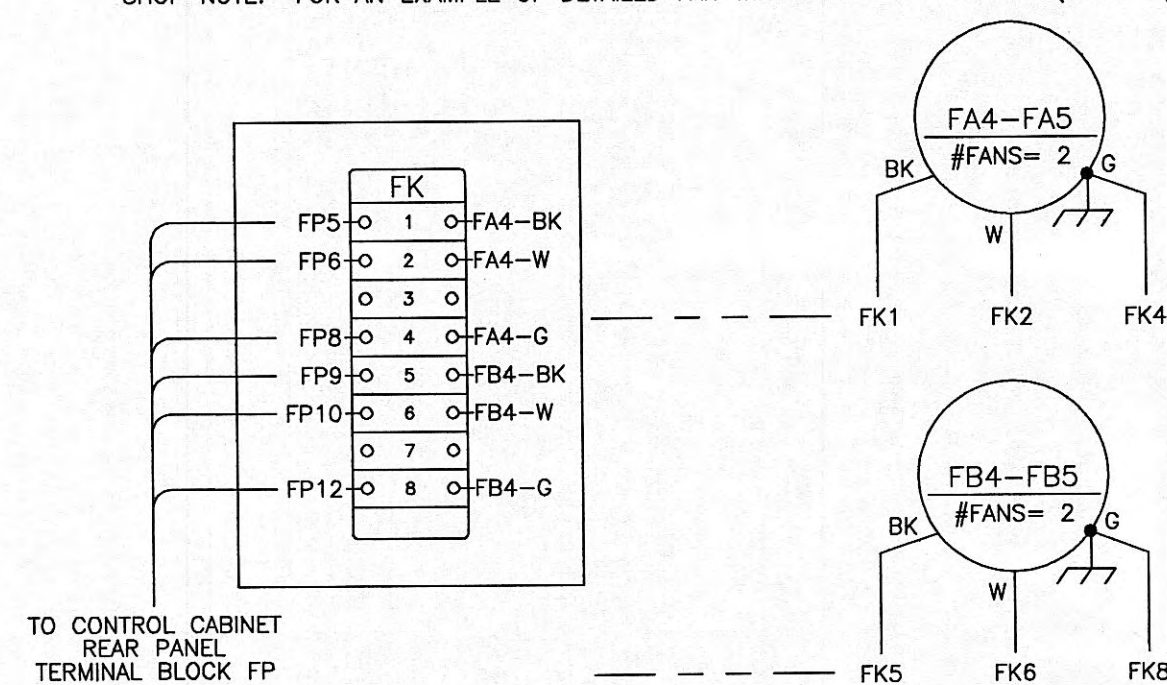
TERMINAL BOXES AND FANS LOCATED ON REAR RADIATOR BANK

SHOP NOTE: FOR AN EXAMPLE OF DETAILED FAN WIRING SEE UO-114-022 (SHEET 7).

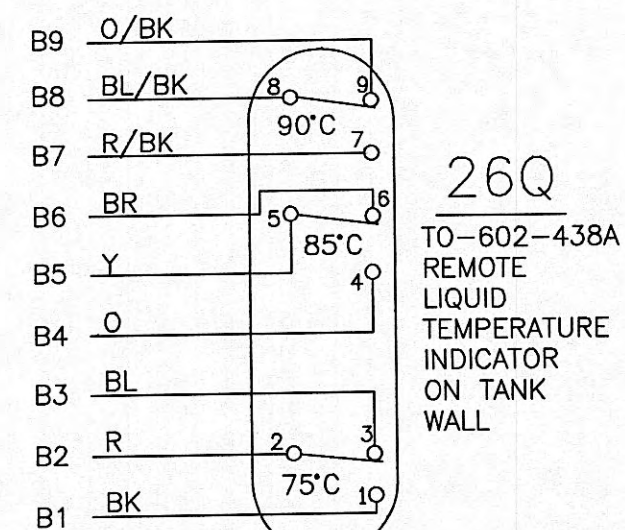


TERMINAL BOX AND FANS LOCATED ON SIDE RADIATOR BANK

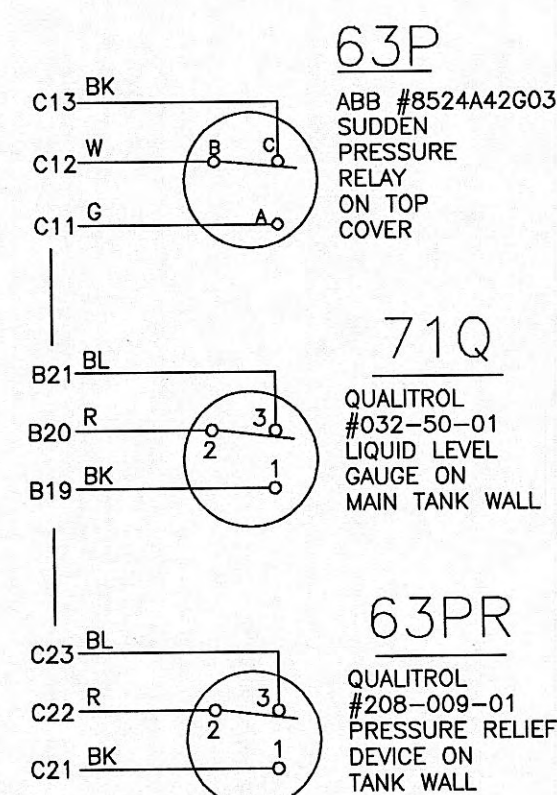
SHOP NOTE: FOR AN EXAMPLE OF DETAILED FAN WIRING SEE UO-114-022 (SHEET 7).



DEVICES LOCATED ON MAIN CONTROL CABINET WALL

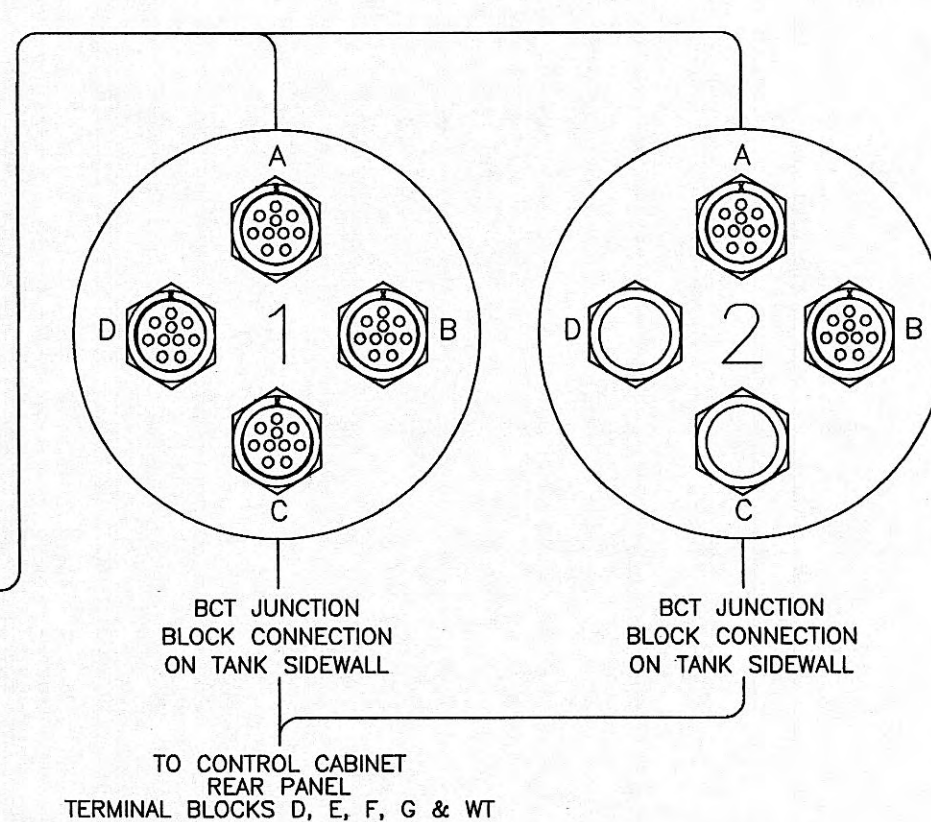
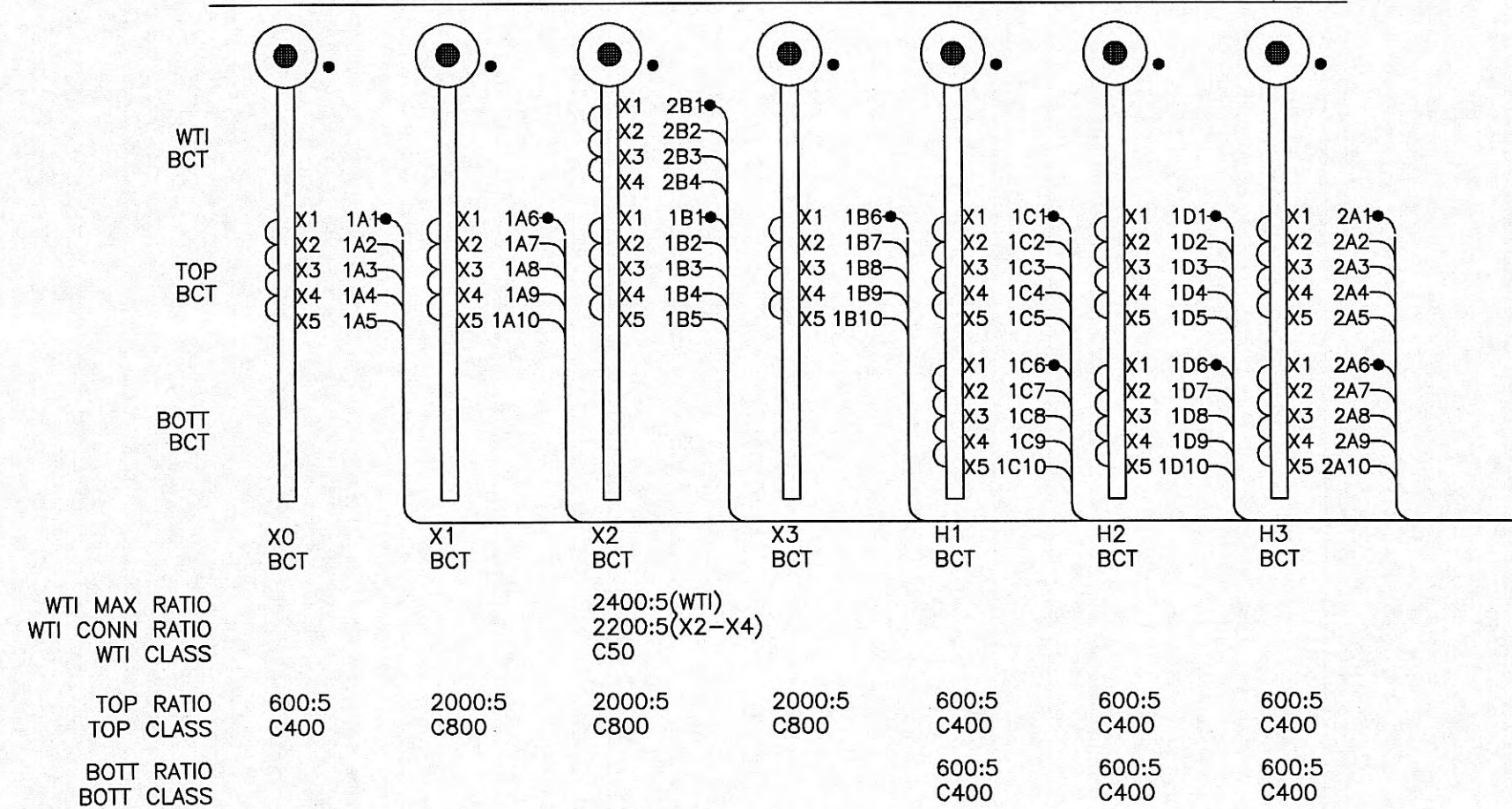


DEVICES EXTERNAL TO MAIN CONTROL CABINET

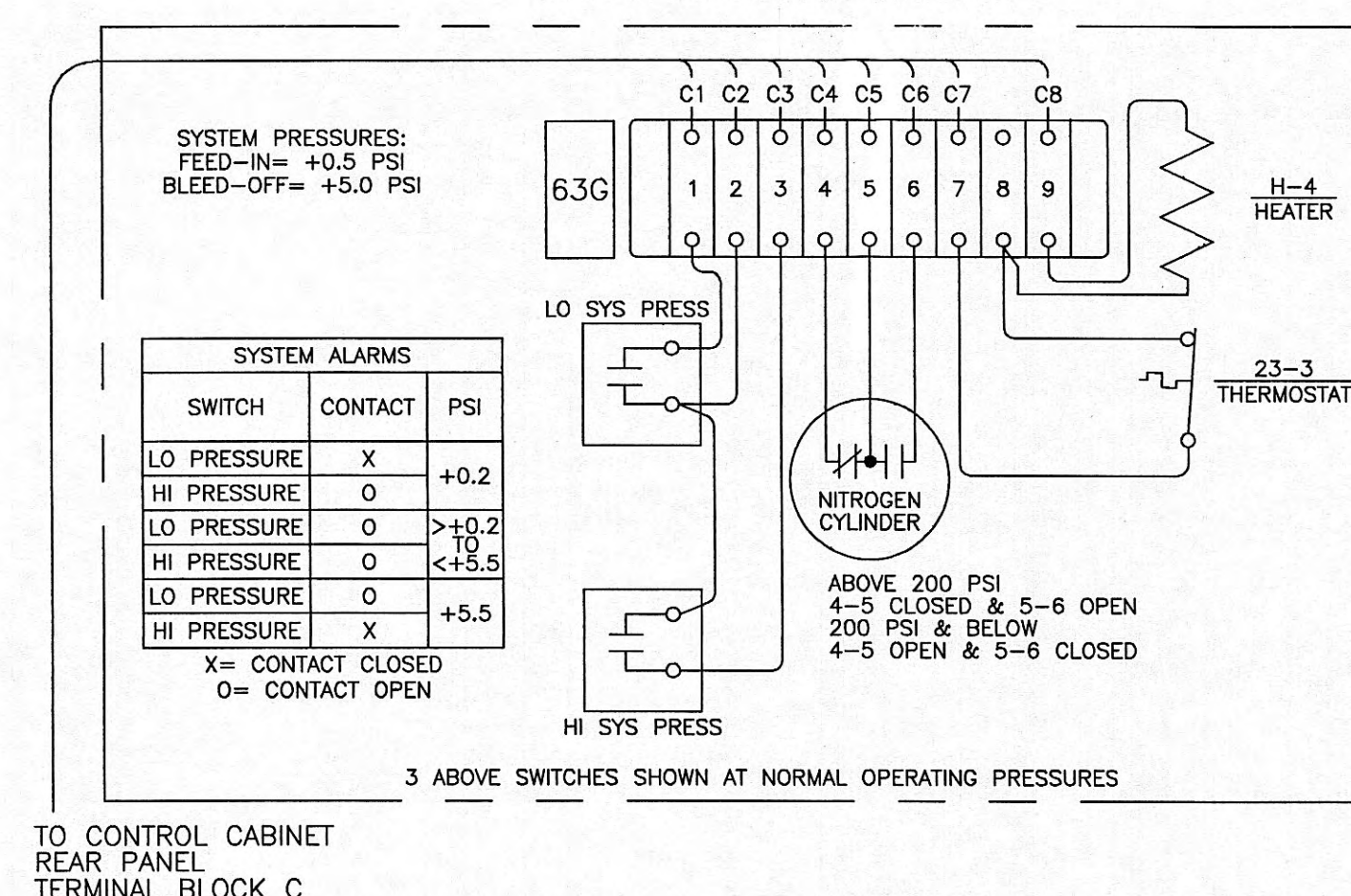


TO CONTROL CABINET
REAR PANEL
TERMINAL BLOCK B & C

BUSHING CURRENT TRANSFORMERS LOCATED INSIDE TANK



NITROGEN SYSTEM
LOCATED IN NITROGEN CABINET



TO CONTROL CABINET
REAR PANEL
TERMINAL BLOCK C

HARRIMAN UTILITY BOARD
POM 12701 (A) & (B)
NEW HARRIMAN SUBSTATION
SERIAL/MFG. NO. GM971382 & GM971383

DRAWN	DGW	GS WAUKESHA ELECTRIC SYSTEMS A UNIT OF GENERAL SIGNAL P.O. BOX 268 GOLDSBORO NC 27533		
DATE	9/23/97			
APPROVED	MBS	BCT/EXT. DEVICE WIRING DIAGRAM		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
		SIZE	FSCH NO	DWG NO
		D		A547436894
SCALE				SHEET

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