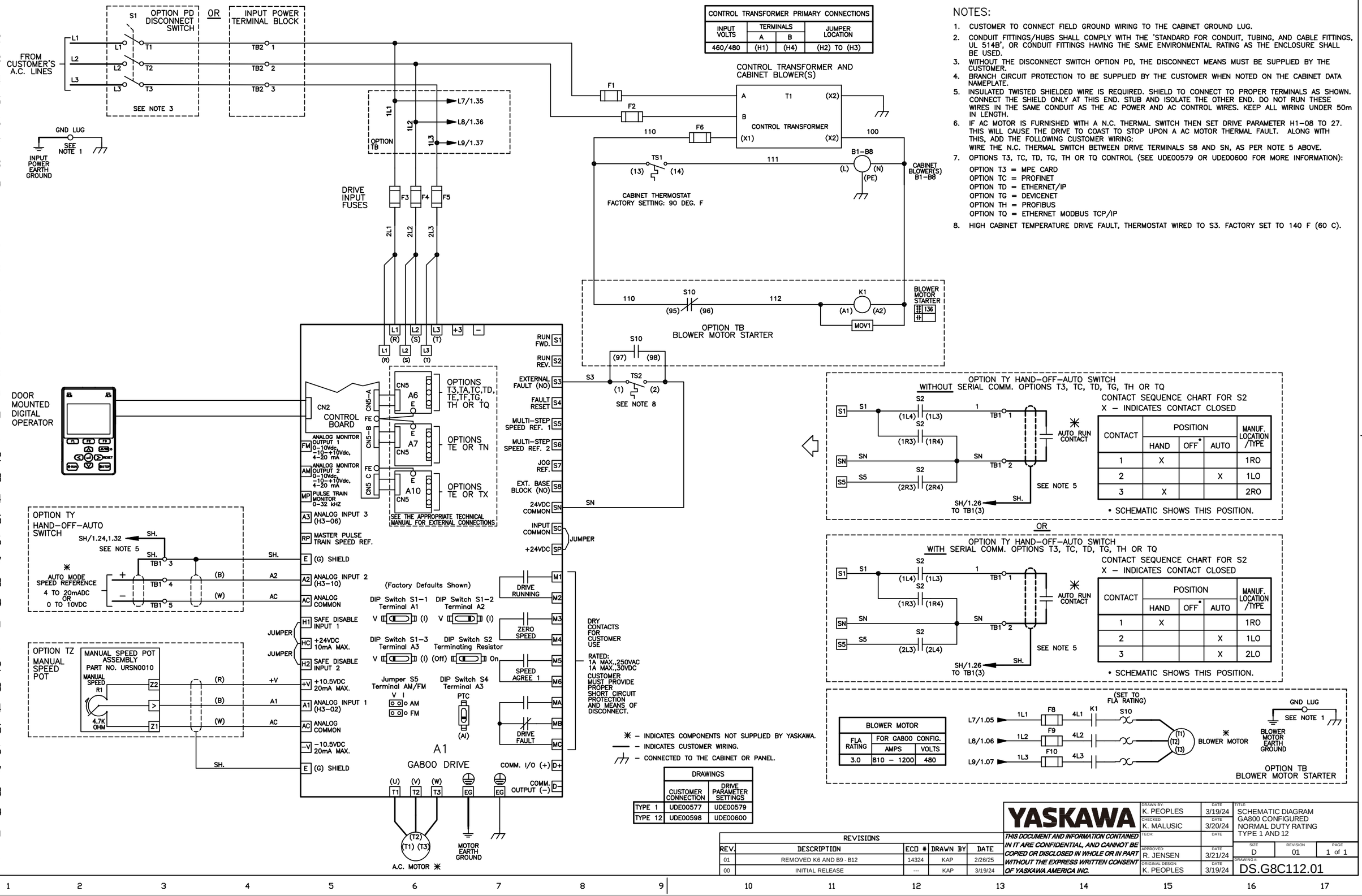

CONTROL TRANSFORMER PRIMARY CONNECTIONS			
INPUT VOLTS	TERMINALS A	TERMINALS B	JUMPER LOCATION
460/480	(H1)	(H4)	(H2) TO (H3)

NOTES:

1. CUSTOMER TO CONNECT FIELD GROUND WIRING TO THE CABINET GROUND LUG.
2. CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B', OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
3. WITHOUT THE DISCONNECT SWITCH OPTION PD, THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
4. BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
5. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO CONNECT TO PROPER TERMINALS AS SHOWN. CONNECT THE SHIELD ONLY AT THIS END. STUB AND ISOLATE THE OTHER END. DO NOT RUN THESE WIRES IN THE SAME CONDUIT AS THE AC POWER AND AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
6. IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER H1–08 TO 27. THIS WILL CAUSE THE DRIVE TO COAST TO STOP UPON A AC MOTOR THERMAL FAULT. ALONG WITH THIS, ADD THE FOLLOWING CUSTOMER WIRING:
   WIRE THE N.C. THERMAL SWITCH BETWEEN DRIVE TERMINALS S8 AND SN, AS PER NOTE 5 ABOVE.
7. OPTIONS T3, TC, TD, TG, TH OR TQ CONTROL (SEE UDE00579 OR UDE00600 FOR MORE INFORMATION):
   OPTION T3 = MPE CARD
   OPTION TC = PROFINET
   OPTION TD = ETHERNET/IP
   OPTION TG = DEVICENET
   OPTION TH = PROFIBUS
   OPTION TQ = ETHERNET MODBUS TCP/IP
8. HIGH CABINET TEMPERATURE DRIVE FAULT, THERMOSTAT WIRED TO S3. FACTORY SET TO 140 F (60 C).

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
01	REMOVED K6 AND B9 - B12	14324	KAP	2/26/25
00	INITIAL RELEASE	---	KAP	3/19/24

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DRAWN BY: K. PEOPLES	DATE: 3/19/24	TITLE: SCHEMATIC DIAGRAM GA800 CONFIGURED NORMAL DUTY RATING TYPE 1 AND 12
CHECKED: K. MALUSIC	DATE: 3/20/24	
TECH:	DATE:	
APPROVED: R. JENSEN	DATE: 3/21/24	SIZE: D / REVISION: 01 / PAGE: 1 of 1
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