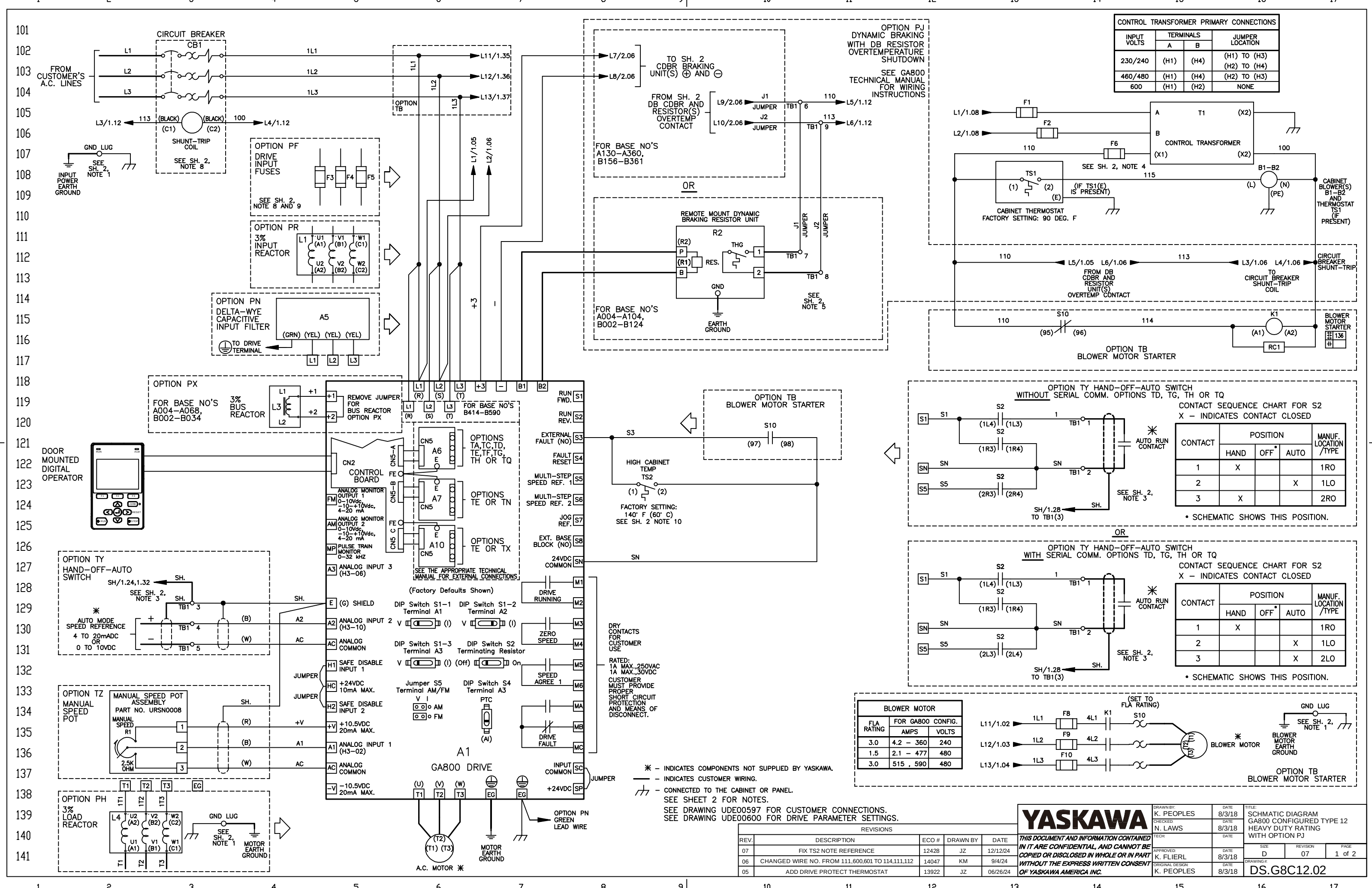
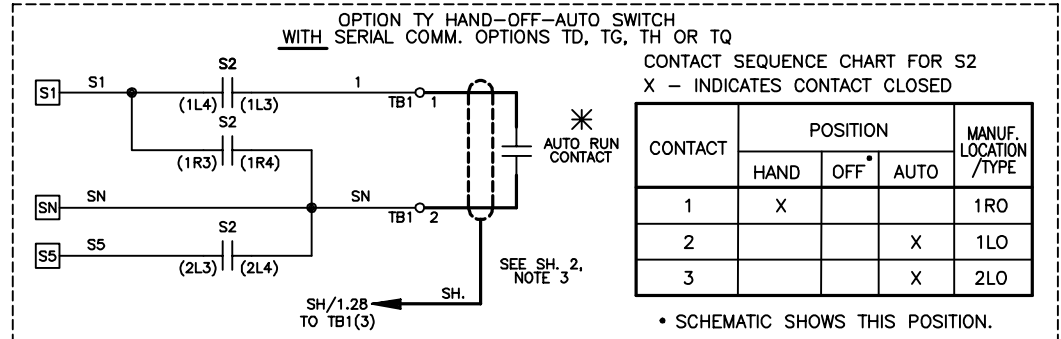
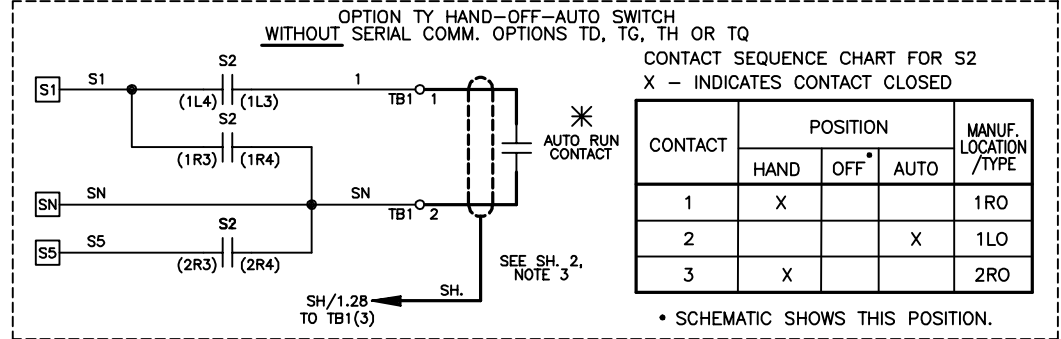
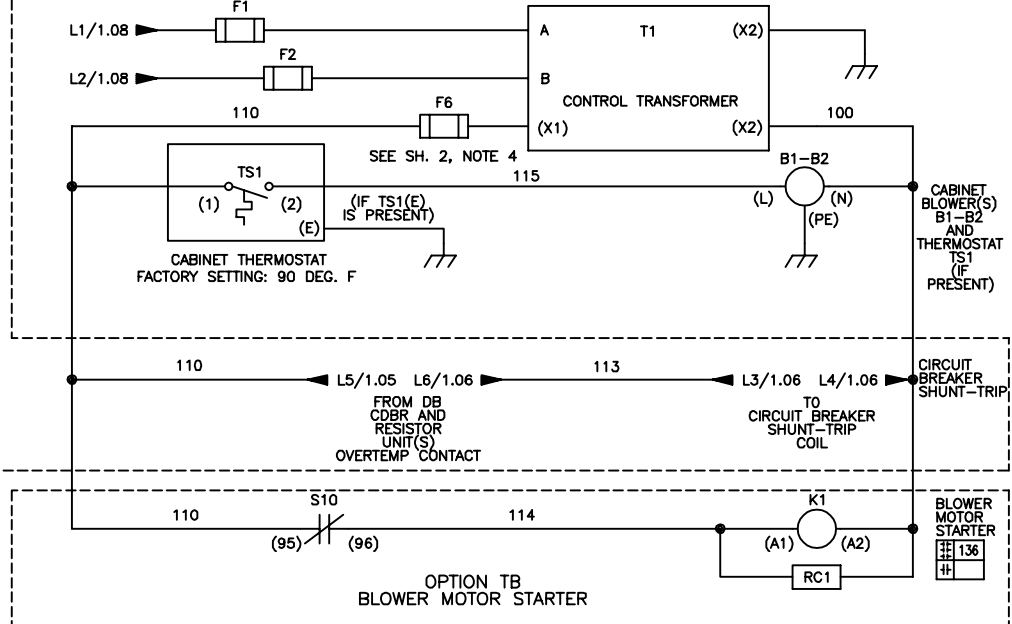
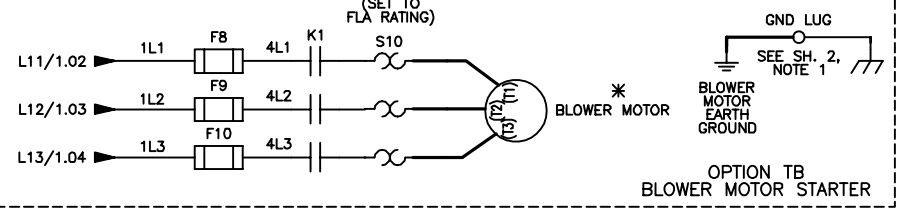




CONTROL TRANSFORMER PRIMARY CONNECTIONS			
INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
230/240	(H1)	(H4)	(H1) TO (H3) (H2) TO (H4)
460/480	(H1)	(H4)	(H2) TO (H3)
600	(H1)	(H2)	NONE



BLOWER MOTOR			
FLA RATING	FOR GA800 CONFIG.	AMPS	VOLTS
3.0	4.2 - 360		240
1.5	2.1 - 477		480
3.0	515 - 590		480



YASKAWA

REV.

DESCRIPTION

ECO #

DRAWN BY

DATE

07

FIX TS2 NOTE REFERENCE

12428

JZ

12/12/24

06

CHANGED WIRE NO. FROM 111,600,601 TO 114,111,112

14047

KM

9/4/24

05

ADD DRIVE PROTECT THERMOSTAT

13922

JZ

06/26/24

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DRAWN BY

DATE

TITLE

8/3/18

8/3/18

SCHMATIC DIAGRAM

8/3/18

8/3/18

GA800 CONFIGURED TYPE 12

8/3/18

8/3/18

HEAVY DUTY RATING

8/3/18

8/3/18

WITH OPTION PJ

SIZE

REVISION

PAGE

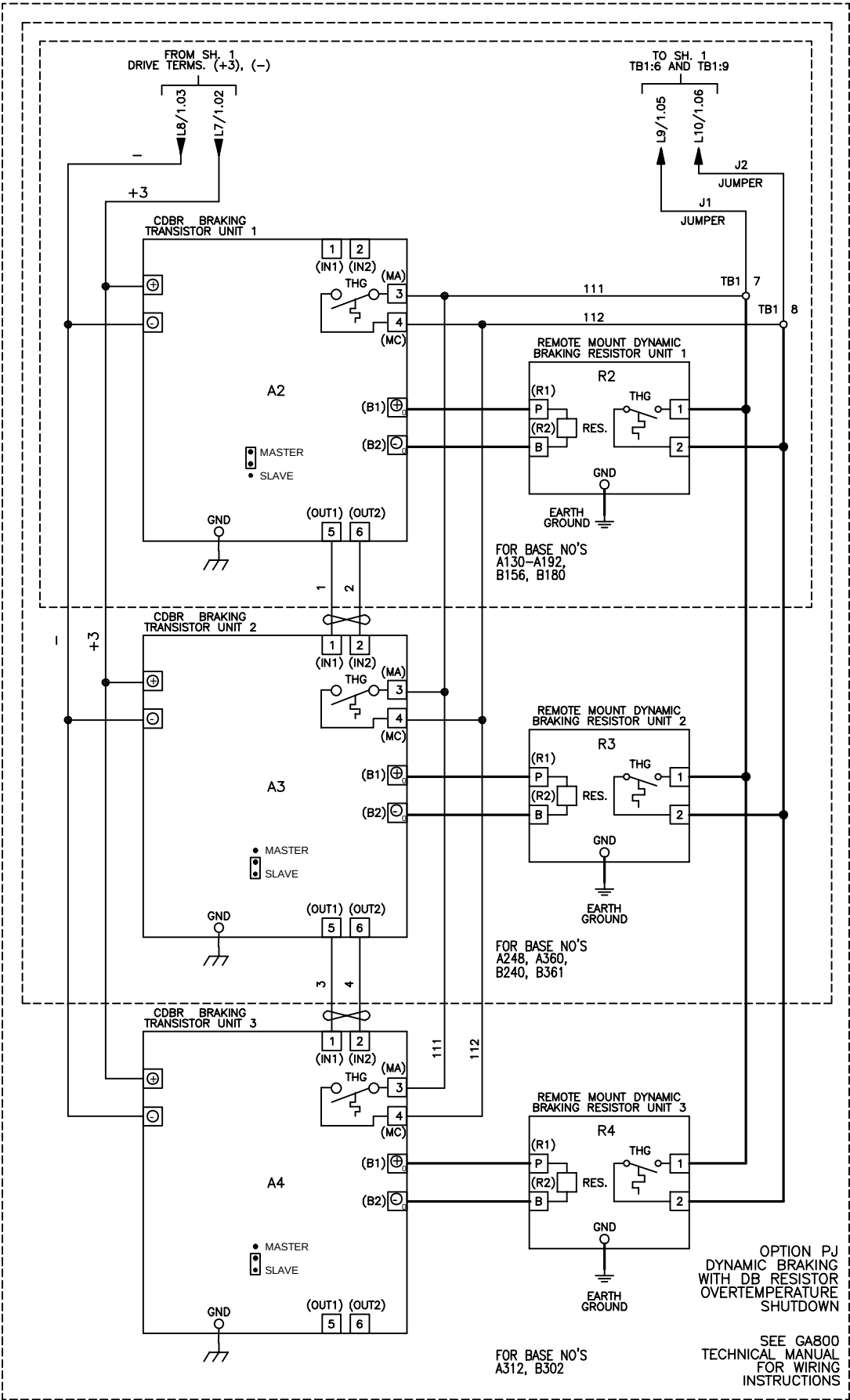
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07

1 of 2

DS.G8C12.02

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
- INDICATES CUSTOMER WIRING.
- CONNECTED TO THE CABINET OR PANEL.
SEE SHEET 2 FOR NOTES.
SEE DRAWING UDE00597 FOR CUSTOMER CONNECTIONS.
SEE DRAWING UDE00600 FOR DRIVE PARAMETER SETTINGS.



— INDICATES CUSTOMER WIRING.
— CONNECTED TO THE CABINET OR PANEL.

NOTES:

- CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
- 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.
- 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.
- FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
- CUSTOMER TO CONNECT NORMALLY OPEN BRAKING RESISTOR THERMAL SWITCHES PER THE GA800 TECHNICAL MANUAL IN PARALLEL WITH TB1-7 AND TB1-8.
- 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 3 ABOVE.
- OPTIONS TC, TD, TG, TH OR TQ CONTROL (SEE UDE00600 FOR MORE INFORMATION):
OPTION TC = PROFINET
OPTION TD = ETHERNET/IP
OPTION TG = DEVICENET
OPTION TH = PROFIBUS
OPTION TQ = ETHERNET MODBUS TCP/IP
- DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED WITH OPTION PE, PC, PM, OR PJ FOR BASE NUMBERS B052-B240.
- DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED FOR BASE NUMBERS B302-B590.
- HIGH CABINET TEMPERATURE THERMOSTAT. APPLICABLE TO BASE NUMBERS D211-D396, A192-A360, & B156-B590.

YASKAWA THIS DOCUMENT AND INFORMATION CONTAINED IN IT ARE CONFIDENTIAL, AND CANNOT BE COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA AMERICA INC.	DRAWN BY: K. PEOPLES	DATE: 8/3/18	TITLE: SCHEMATIC DIAGRAM GA800 CONFIGURED TYPE 12 HEAVY DUTY WITH OPTION PJ		
	CHECKED: N. LAWS	DATE: 8/3/18			
	TECH:	DATE:			
	APPROVED: K. FLIERL	DATE: 8/3/18	SIZE: D	REVISION: 07	PAGE: 2 of 2
	ORIGINAL DESIGN: K. PEOPLES	DATE: 8/3/18	DRAWING #: DS.G8C12.02		