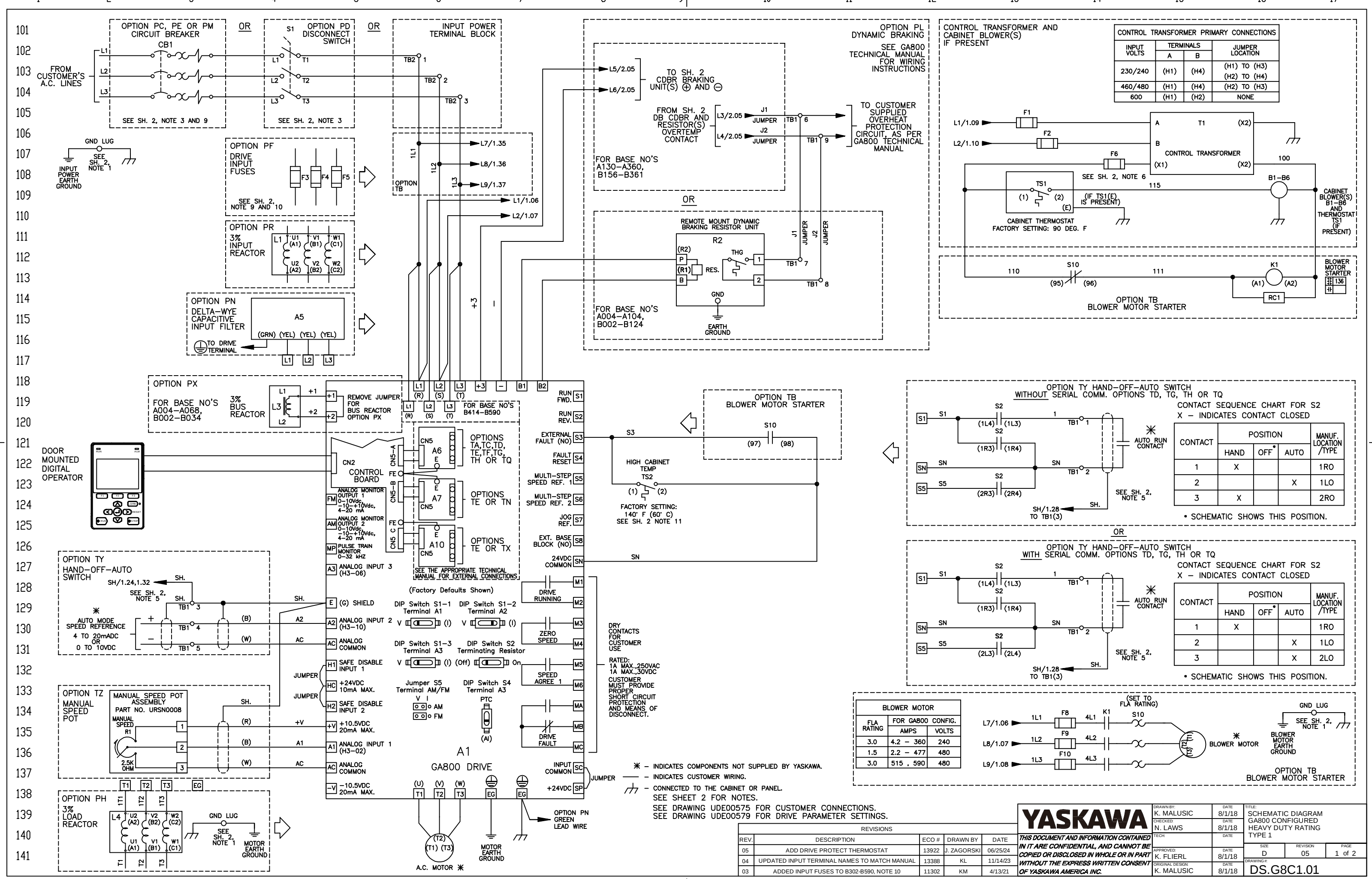
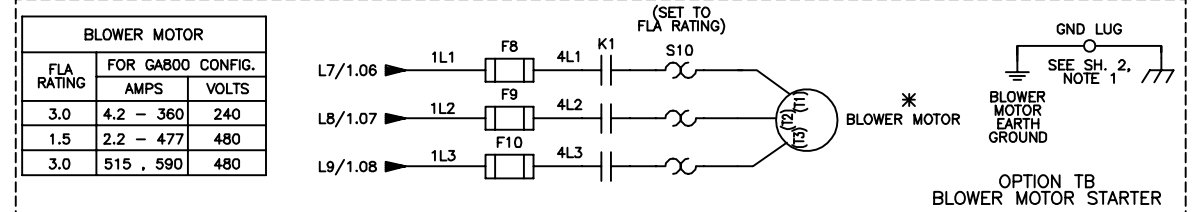
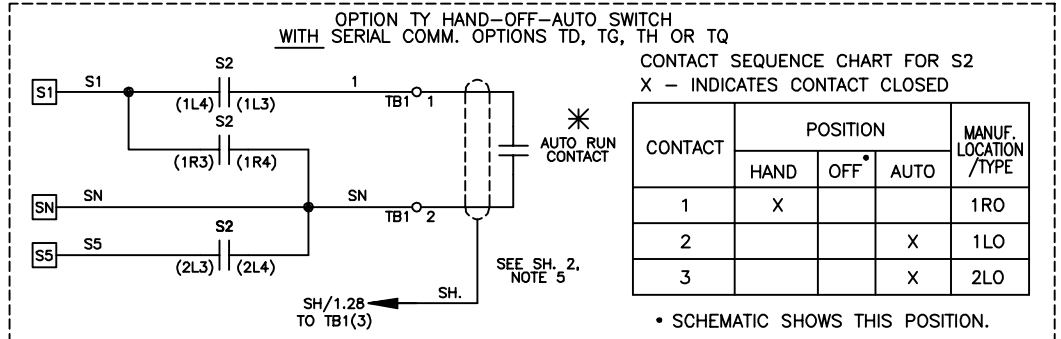
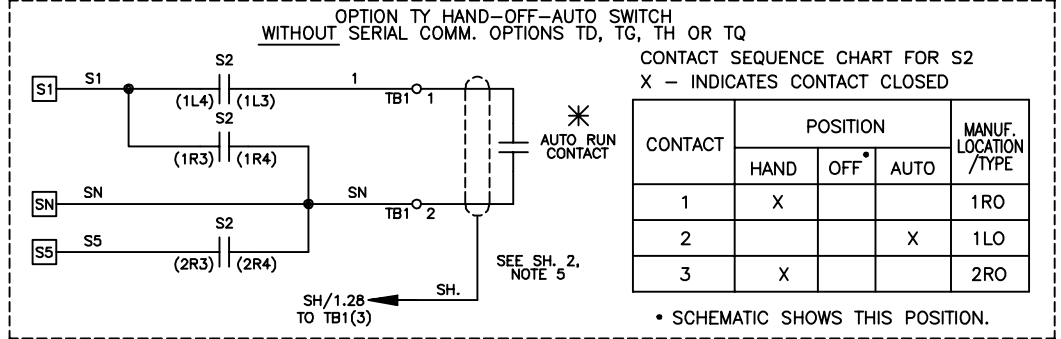
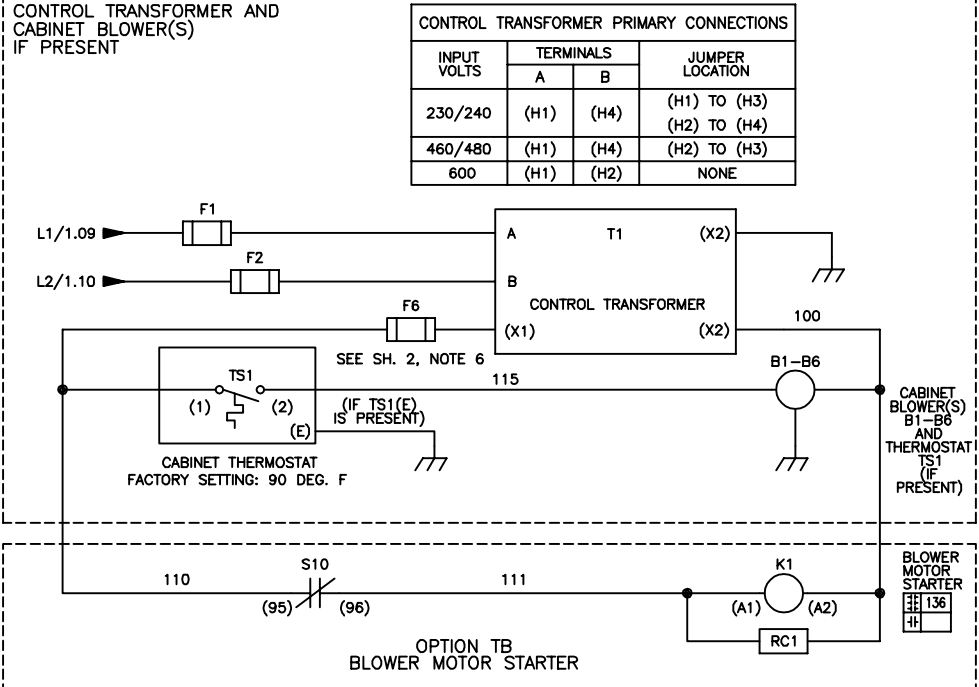




CONTROL TRANSFORMER PRIMARY CONNECTIONS

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



DRAWN BY: K. MALUSIC
CHECKED: N. LAWS
TECH: K. FLIERL
APPROVED: K. FLIERL
ORIGINAL DESIGN: K. MALUSIC

DATE: 8/1/18
DATE: 8/1/18
DATE: 8/1/18
DATE: 8/1/18

TITLE: SCHEMATIC DIAGRAM
GA800 CONFIGURED
HEAVY DUTY RATING
TYPE 1

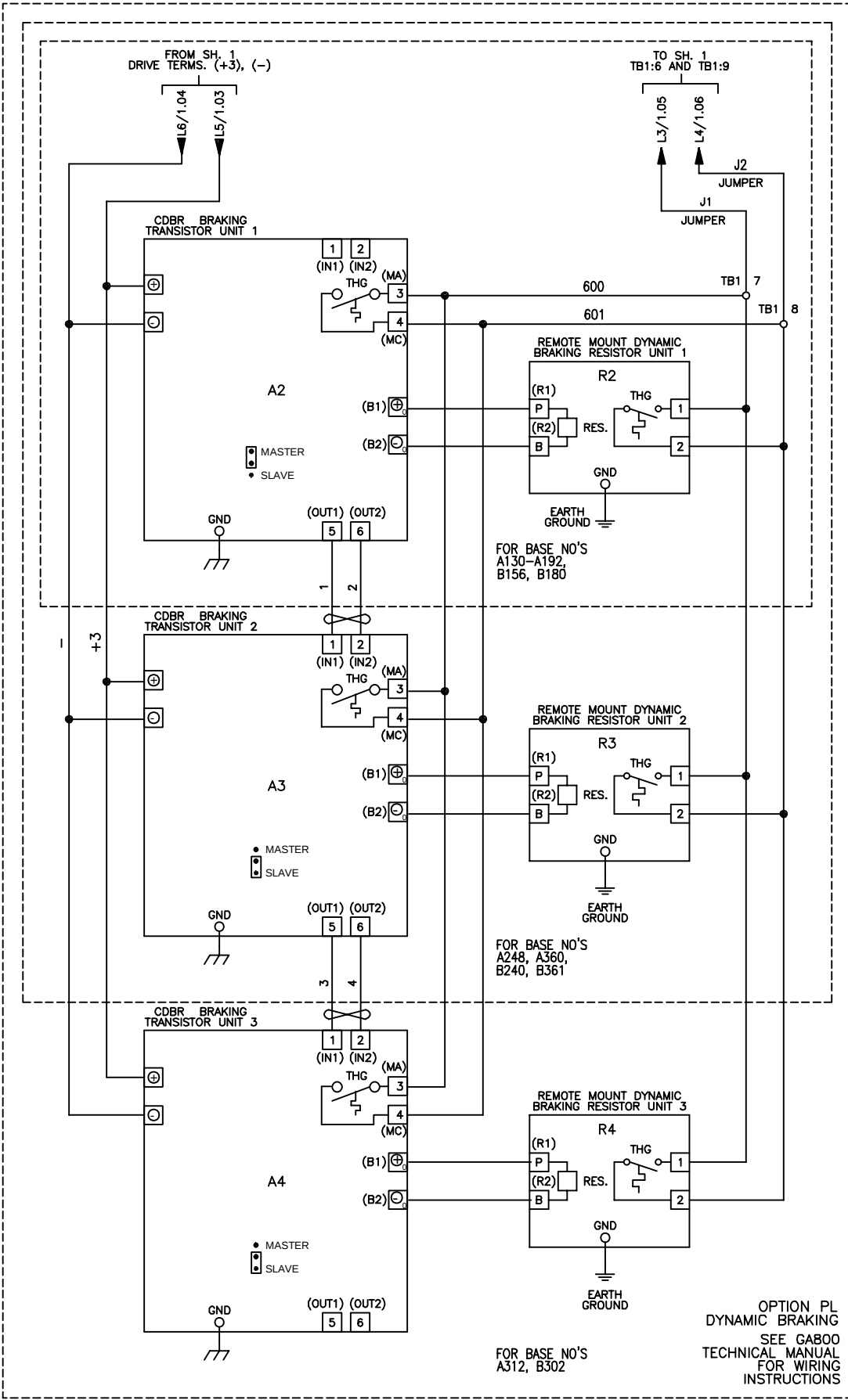
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PAGE: 1 of 2

DRAWING #: DS.G8C1.01

REVISIONS

REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
05	ADD DRIVE PROTECT THERMOSTAT	13922	J. ZAGORSKI	06/25/24
04	UPDATED INPUT TERMINAL NAMES TO MATCH MANUAL	13388	KL	11/14/23
03	ADDED INPUT FUSES TO B302-B590, NOTE 10	11302	KM	4/13/21

SEE DRAWING UDE00575 FOR CUSTOMER CONNECTIONS.
SEE DRAWING UDE00579 FOR DRIVE PARAMETER SETTINGS.



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.
- WITHOUT THE CIRCUIT BREAKER (OPTION PC, PE OR PM), OR DISCONNECT SWITCH OPTION PD, THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
- BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
- 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.
- 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.
- OPTIONS TC, TD, TG, TH OR TQ CONTROL (SEE UDEQ0579 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 B004-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

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DRAWN BY: K. MALUSIC	DATE 8/1/18
CHECKED: N. LAWS	DATE 8/1/18
TECH:	DATE
APPROVED: K. FLIERL	DATE 8/1/18
ORIGINAL DESIGN: K. MALUSIC	DATE 8/1/18

TITLE: SCHEMATIC DIAGRAM GA800 CONFIGURED HEAVY DUTY RATING TYPE 1		
SIZE D	REVISION 05	PAGE 2 of 2
DRAWING # DS.G8C1.01		