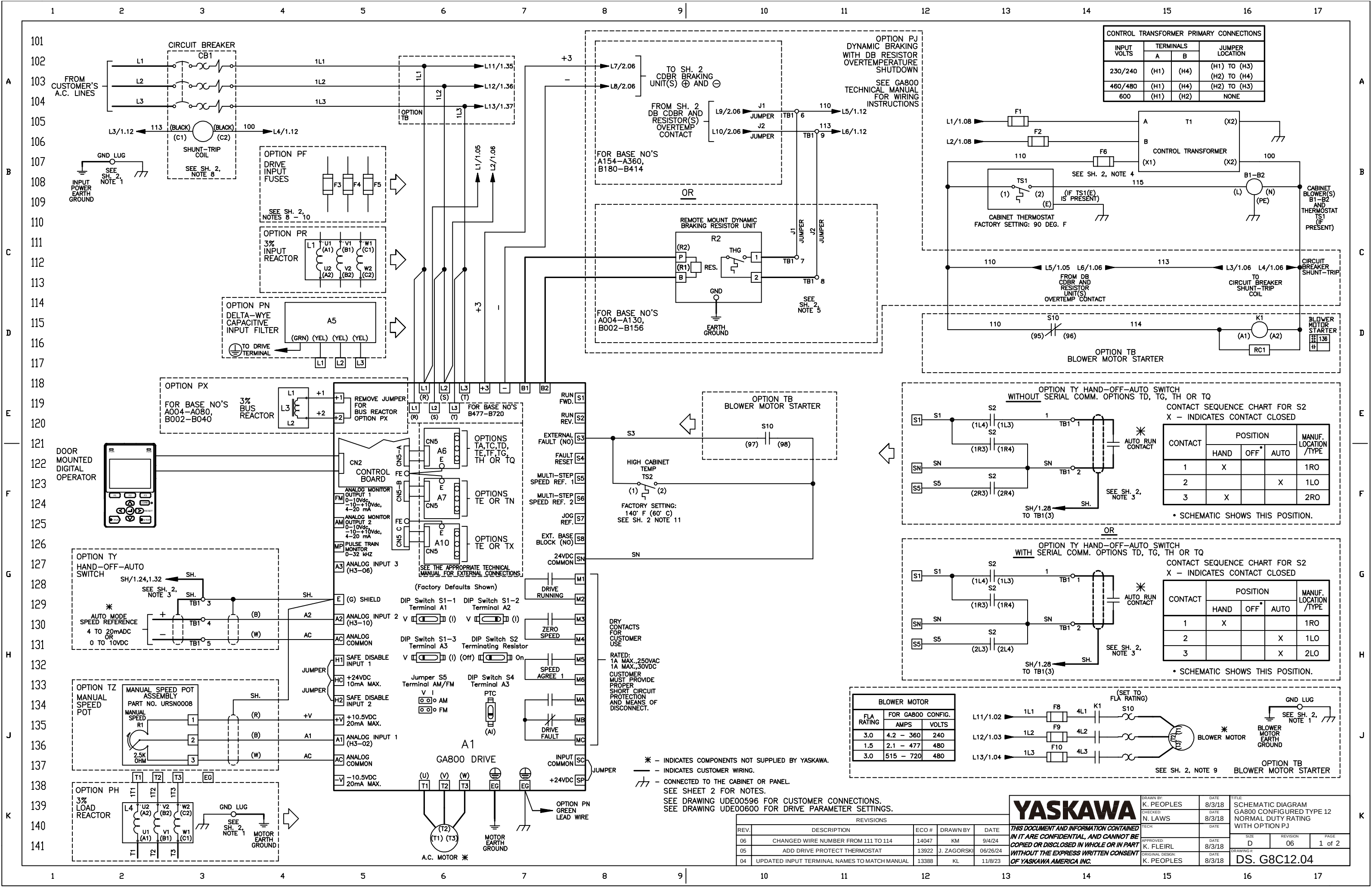




CONTROL TRANSFORMER PRIMARY CONNECTIONS			
INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
230/240	(H1)	(H4)	(H1) TO (H3)
460/480	(H1)	(H4)	(H2) TO (H3)
600	(H1)	(H2)	NONE

CONTACT	POSITION			MANUF. LOCATION / TYPE
	HAND	OFF*	AUTO	
1	X			1RO
2			X	1LO
3	X			2RO

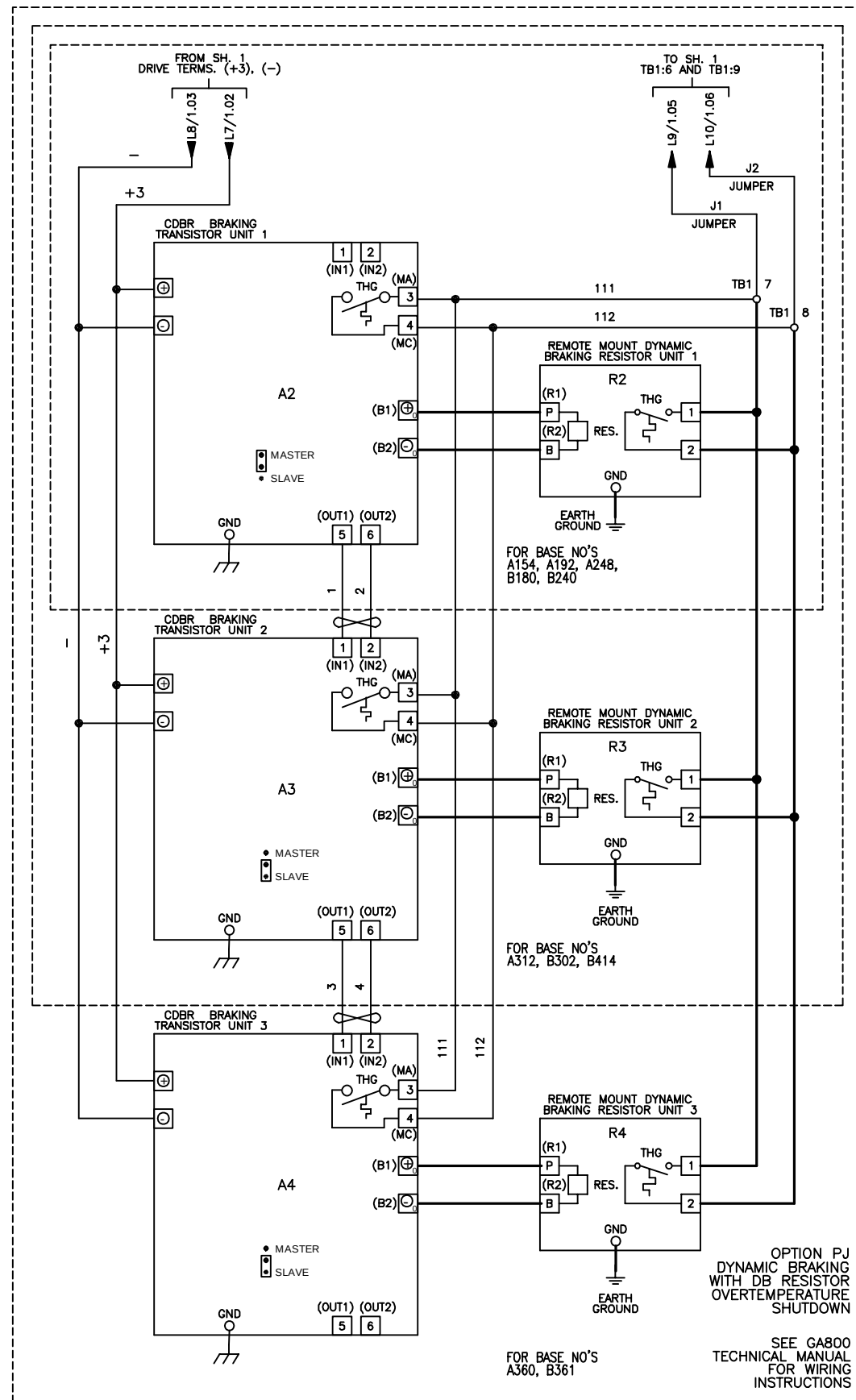
CONTACT	POSITION			MANUF. LOCATION / TYPE
	HAND	OFF*	AUTO	
1	X			1RO
2			X	1LO
3			X	2LO

BLOWER MOTOR			
FLA RATING	FOR GA800 CONFIG.		
	AMPS	VOLTS	
3.0	4.2 - 360	240	
1.5	2.1 - 477	480	
3.0	515 - 720	480	

YASKAWA

REVISIONS			
REV.	DESCRIPTION	ECO #	DRAWN BY
06	CHANGED WIRE NUMBER FROM 111 TO 114	14047	KM
05	ADD DRIVE PROTECT THERMOSTAT	13922	J. ZAGORSKI
04	UPDATED INPUT TERMINAL NAMES TO MATCH MANUAL	13388	KL

DRAWN BY		DATE		TITLE		
K. PEOPLES		8/3/18				
CHECKED		DATE		SCHEMATIC DIAGRAM GA800 CONFIGURED TYPE 12 NORMAL DUTY RATING WITH OPTION PJ		
N. LAWS		8/3/18				
CH		DATE		SIZE	REVISION	PAGE
K. FLEIRL		8/3/18				
ORIGINAL DESIGN		DATE		DRAWING #		
K. PEOPLES		8/3/18				
DS. G8C12.04						



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

NOTES:

1. CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
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. 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.
4. FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
5. CUSTOMER TO CONNECT NORMALLY OPEN BRAKING RESISTOR THERMAL SWITCHES PER THE GABOO TECHNICAL MANUAL IN PARALLEL WITH TB1-7 AND TB1-8.
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 3 ABOVE.
7. 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
8. DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED WITH OPTION PE, PC, PM, OR PJ FOR BASE NUMBERS B065-B302.
9. DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED WITH OPTION TB FOR BASE NUMBERS A004-A009 AND B002-B007.
10. DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED FOR BASE NUMBERS B361-B720.
11. HIGH CABINET TEMPERATURE THERMOSTAT. APPLICABLE TO BASE NUMBERS D211-D396, A192-A360, & B180-B720.

YASKAWA	DRAWN BY: K. PEOPLES	DATE: 8/3/18	TITLE: SCHEMATIC DIAGRAM GA800 CONFIGURED TYPE 12 NORMAL DUTY RATING WITH OPTION PJ		
	CHECKED: N. LAWS	DATE: 8/3/18			
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.	TECH:	DATE:	SIZE: D REVISION: 06 PAGE: 2 of 2		
	APPROVED: K. FLIERL	DATE: 8/3/18			
	ORIGINAL DESIGN: K. PEOPLES	DATE: 8/3/18	DRAWING # DS.G8C12.04		