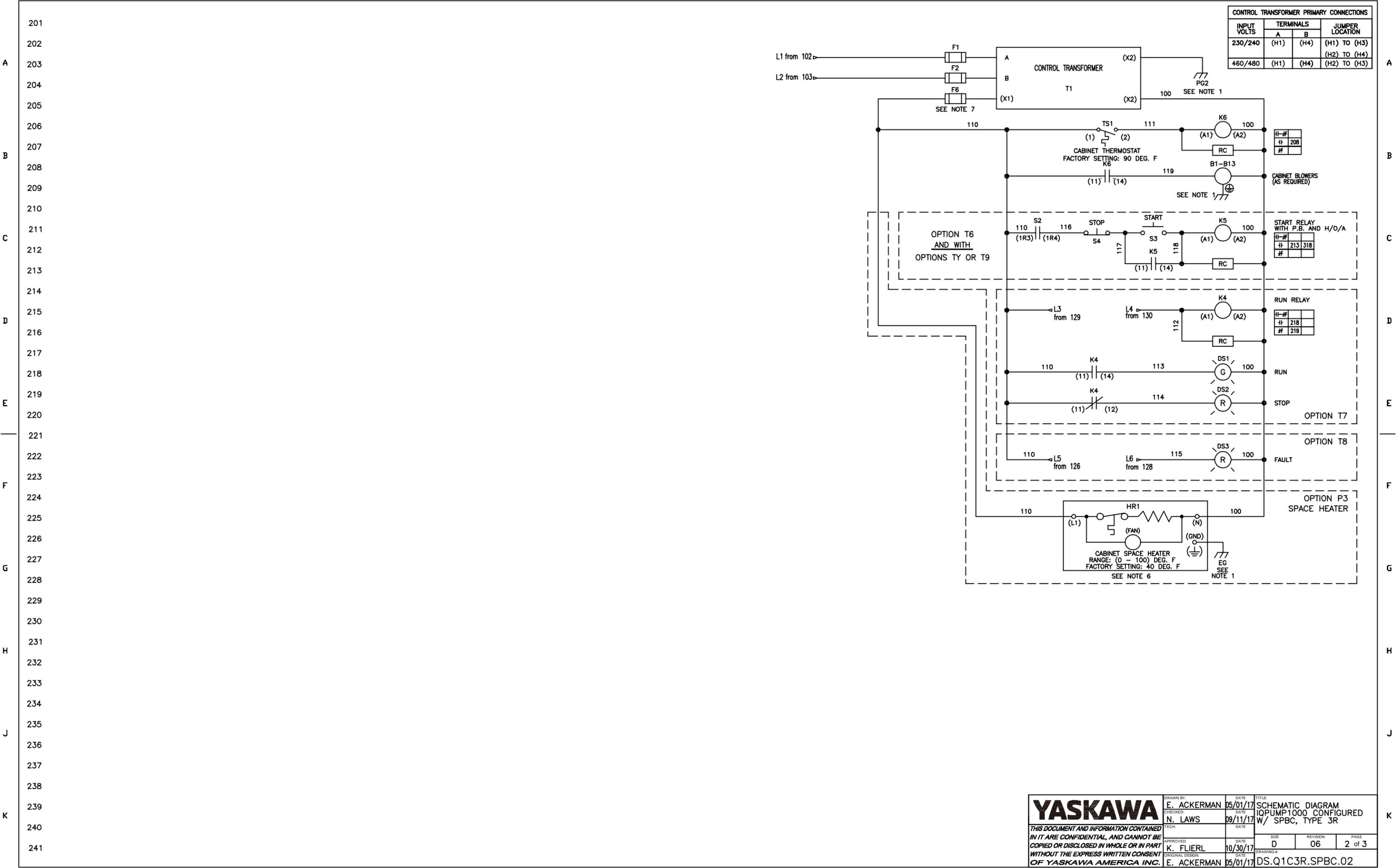


- NOTES:**
- CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUGS TO EARTH GROUND AND UTILITY GROUND.
  - CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B', OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
  - SEE THE TECHNICAL MANUAL FOR USE AND PROGRAMMING OF ADDITIONAL DRIVE LOGIC AND ANALOG INPUTS AND OUTPUTS.
  - 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.
  - CUSTOMER TO ADJUST THE THERMOSTAT ON THE SPACE HEATER HR1 FOR MINIMUM DESIRED TEMPERATURE INSIDE THE DRIVE CABINET. THIS SET TEMPERATURE IS NORMALLY SELECTED TO BE SLIGHTLY HIGHER THAN THE MINIMUM AMBIENT TEMPERATURE OF THE AIR SURROUNDING THE CABINET, AND IS THE TEMPERATURE AT WHICH THE SPACE HEATER HR1 WILL SHUT OFF.
  - FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F8 IS ADDED.
  - IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER H1-07 TO 27. THIS WILL CAUSE THE DRIVE TO COAST TO STOP UPON AN AC MOTOR THERMAL FAULT. ALONG WITH THIS, ADD THE FOLLOWING CUSTOMER WIRING: WIRE THE N.C. THERMAL SWITCH BETWEEN TERMINALS TB1:7 AND TB1:8.
  - OPTIONS TD, TG, TH, OR TQ CONTROL (SEE UDE0057 FOR MORE INFORMATION)
  - CUSTOMER TO REPLACE THE JUMPER WITH NORMALLY CLOSED SAFETY INTERLOCKS, IF APPLICABLE.
- \* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.  
 --- - INDICATES CUSTOMER WIRING.  
 SEE DRAWING UDE00556 FOR CUSTOMER CONNECTION TABLES.  
 SEE DRAWING UDE00557 FOR DRIVE PARAMETER SETTINGS.

REVISIONS			
REV.	DESCRIPTION	ECO #	DATE
06	ADDED +2 AND JUMPER NOTE	13769	04/15/24
05	CHANGED JUMPER ON A21 & TB1(5,10) WIRING	10606	06/09/20
04	CHANGED OPT. PZ DETAIL & WIRE NO. TO SN	9636	06/05/19

<b>YASKAWA</b>		DRAWN BY: E. ACKERMAN	DATE: 05/01/17	TITLE: SCHEMATIC DIAGRAM IQPUMP1000 CONFIGURED W/ SPBC, TYPE 3R
		CHECKED: N. LAWS	DATE: 09/11/17	
		APPROVED: K. FLIERL	DATE: 10/30/17	SIZE: D
		ORIGINAL DESIGNER: E. ACKERMAN	DATE: 05/01/17	REVISION: 06
				PAGE: 1 of 3

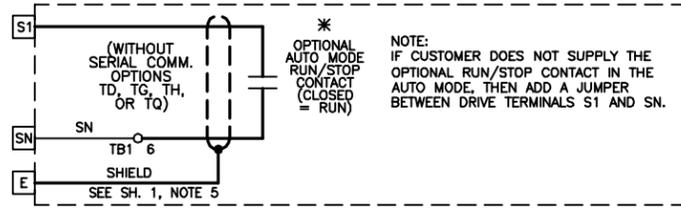


201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241

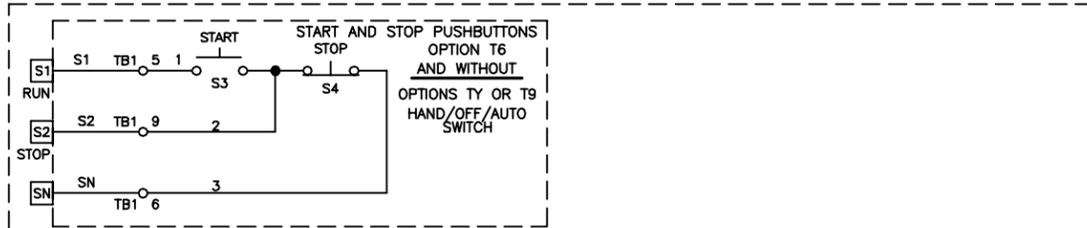
A  
B  
C  
D  
E  
F  
G  
H  
J  
K

<b>YASKAWA</b>	DRAWN BY: E. ACKERMAN	DATE: 05/01/17	TITLE: SCHEMATIC DIAGRAM
	CHECKED: N. LAWS	DATE: 09/11/17	IQPUMP1000 CONFIGURED W/ SPBC, TYPE 3R
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.	APPROVED: K. FLIERL	DATE: 10/30/17	SIZE: D
	ORIGINAL DESIGN: E. ACKERMAN	DATE: 05/01/17	REVISION: 06
			PAGE: 2 of 3
			DRAWING #: DS.Q1C3R.SPBC.02

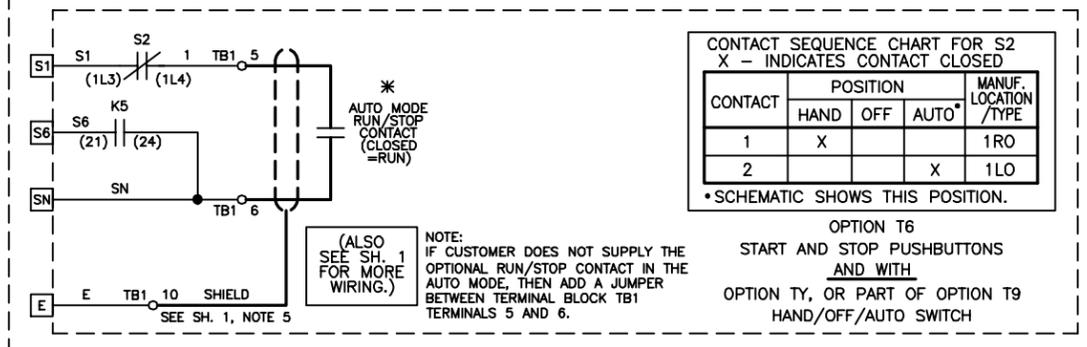
RUN/STOP CONTROL (FROM SHEET 1)



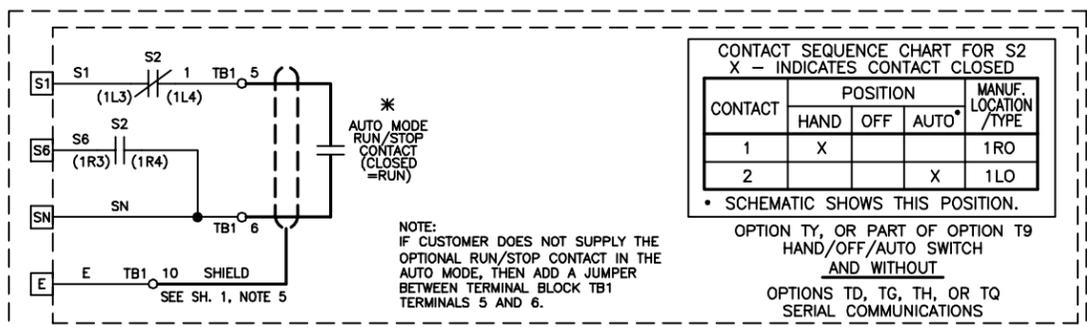
OR



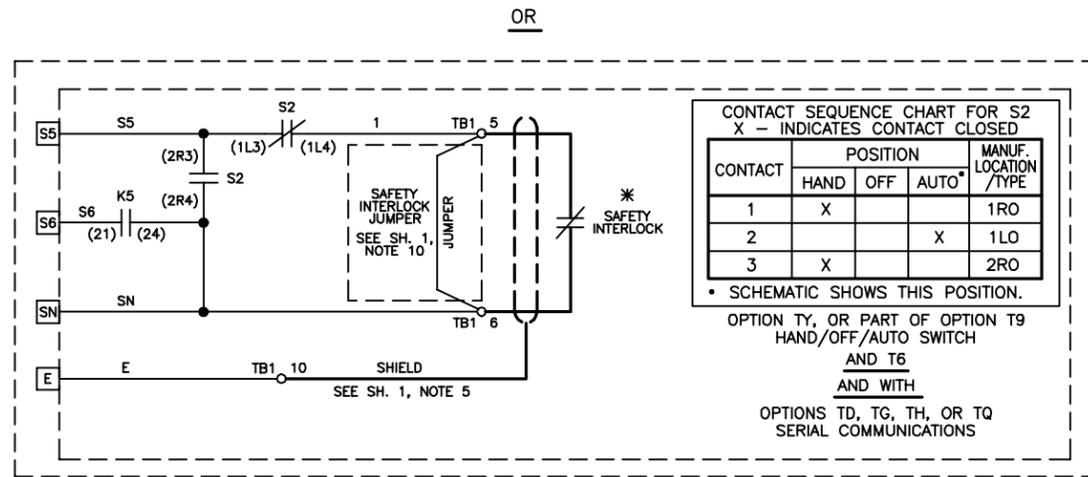
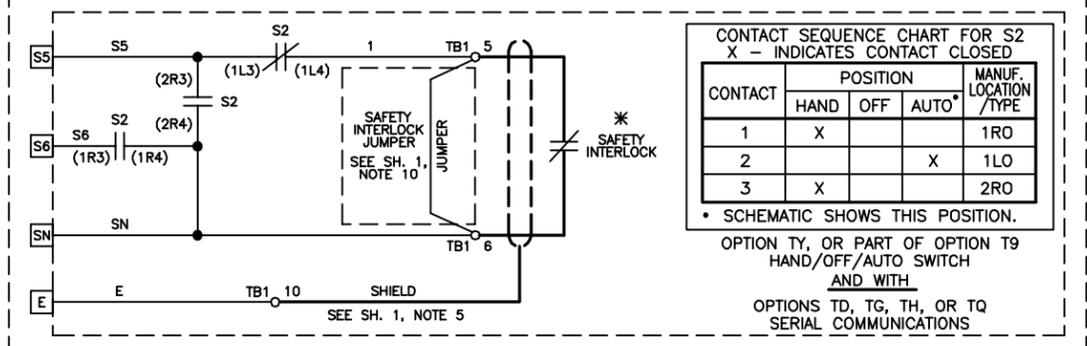
OR



OR



OR



**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: E. ACKERMAN	DATE: 05/01/17	TITLE: SCHEMATIC DIAGRAM IQPUMP1000 CONFIGURED W/ SPBC, TYPE 3R
CHECKED BY: N. LAWS	DATE: 09/11/17	
APPROVED BY: K. FLIERL	DATE: 10/30/17	SIZE: D
ORIGINAL DESIGNER: E. ACKERMAN	DATE: 05/01/17	REVISION: 06

PAGE  
3 of 3

DRAWING #:  
DS.Q1C3R.SPBC.02