

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 - - INDICATES CUSTOMER WIRING.
 ⏏ - CONNECTED TO THE CABINET OR PANEL.
 SEE DRAWING UDE00640 FOR CUSTOMER CONNECTION TABLES.

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
01	CHANGED CN2-1 TO CN2-2. ADDED OPTION T3	12564	R.JJ	09/02/22
00	INITIAL RELEASE	--	NSL	8/10/20

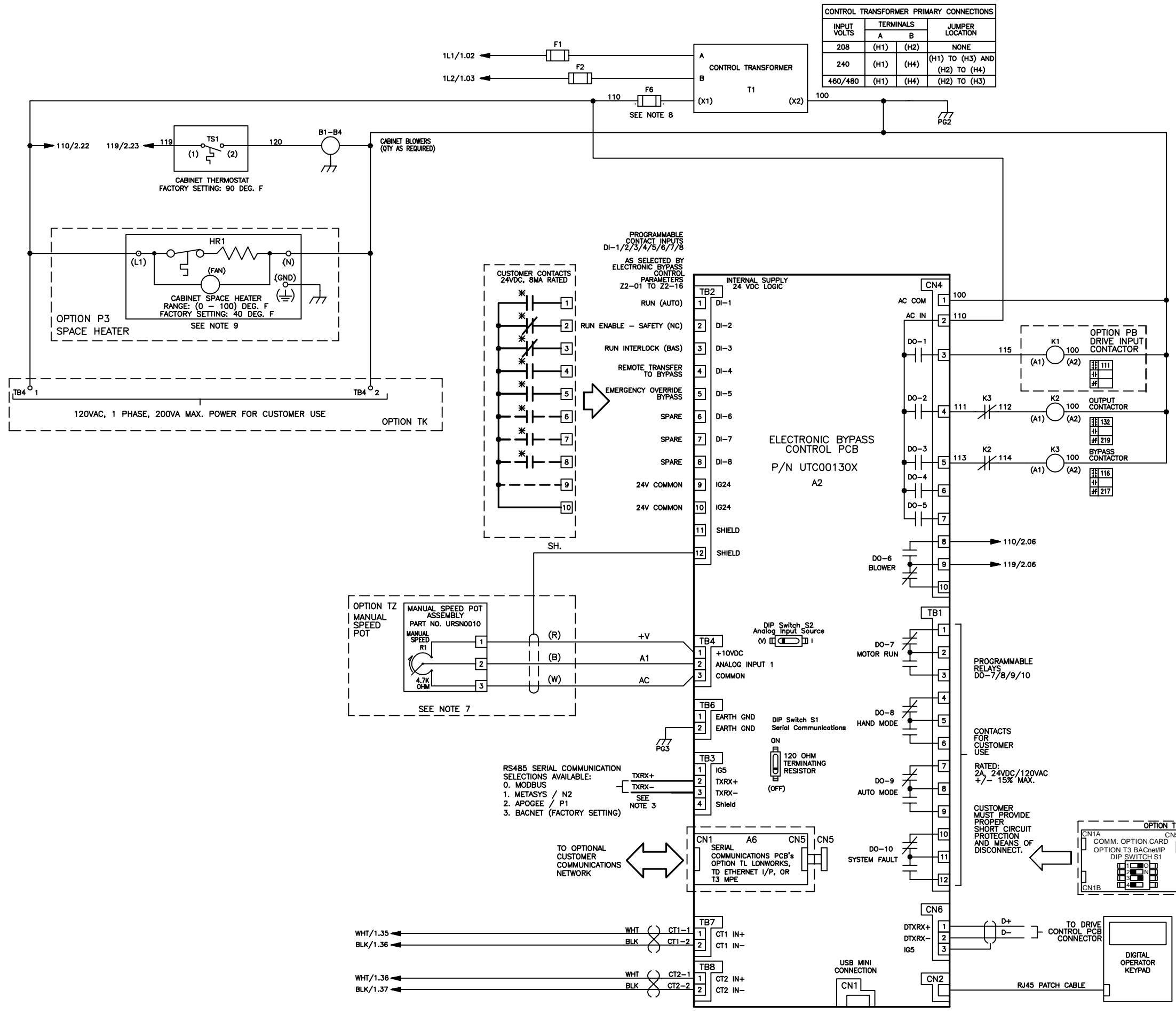
YASKAWA

DRAWN BY: N. LAWS	DATE 8/6/20	TITLE SCHEMATIC DIAGRAM HV600 TYPE 3R ELECTRONIC BYPASS
CHECKED BY: K. PEOPLES	DATE 8/7/20	SIZE D
APPROVED BY: R. JENSEN	DATE 8/10/20	REVISION 01
ORIGINAL DESIGNER: N. LAWS	DATE 8/6/20	PAGE 1 of 2

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DRAWING #: **DS.H6B3.01**

INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
208	(H1)	(H2)	NONE
240	(H1)	(H4)	(H1) TO (H3) AND (H2) TO (H4)
460/480	(H1)	(H4)	(H2) TO (H3)



- NOTES:
1. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND AND MOTOR GROUND TO CABINET GROUND LUG.
 2. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO CONNECT TO PROPER TERMINAL 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 THE AC CONTROL WIRES.
 3. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO BE CONNECTED TO PROPER TERMINAL ON CUSTOMER END. STUB AND ISOLATE THE OTHER END. DO NOT RUN THESE WIRES IN THE SAME CONDUIT AS THE AC POWER AND THE AC CONTROL WIRES.
 4. WHEN INPUT CIRCUIT BREAKER OPTION PM IS NOT PROVIDED, BRANCH CIRCUIT PROTECTION MUST BE SUPPLIED BY THE INSTALLER.
 5. CHANGING A1-03 TO "2220" WILL PROGRAM THE DRIVE AND BYPASS PARAMETERS TO THEIR FACTORY DEFAULT SETTINGS.
 6. FOR 208VAC APPLICATIONS, SET E1-01 TO 208 AND SET E1-05 TO 208.
 7. FOR SPEED POT OPTION TZ, SET H3-02 TO 2E, L4-05 TO 0, AND S5-01 TO 0.
 8. WITH A CONTROL TRANSFORMER, T1, POWER RATING 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
 9. CUSTOMER TO ADJUST THE THERMOSTAT ON THE SPACE HEATER HR1 FOR THE 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.
 10. 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.

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					PAGE: 2 of 2
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