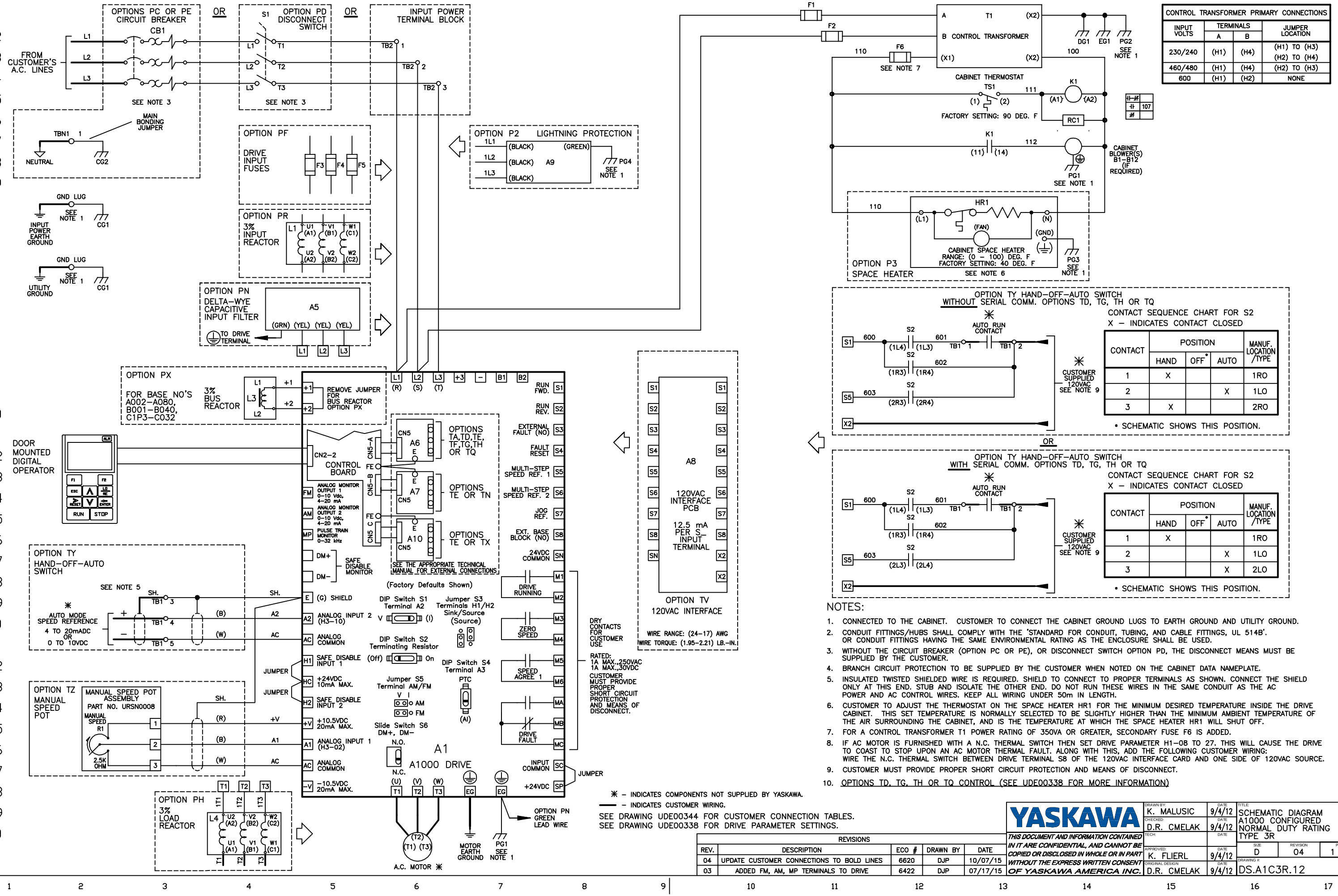

✳ – INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.

— – INDICATES CUSTOMER WIRING.

SEE DRAWING UDE00344 FOR CUSTOMER CONNECTION TABLES.
SEE DRAWING UDE00338 FOR DRIVE PARAMETER SETTINGS.

NOTES:

1. CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUGS TO EARTH GROUND AND UTILITY 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. WITHOUT THE CIRCUIT BREAKER (OPTION PC OR PE), OR DISCONNECT SWITCH OPTION PD, THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
4. BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
5. 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.
6. 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.
7. FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
8. IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER H1–0B 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 DRIVE TERMINAL S8 OF THE 120VAC INTERFACE CARD AND ONE SIDE OF 120VAC SOURCE.
9. CUSTOMER MUST PROVIDE PROPER SHORT CIRCUIT PROTECTION AND MEANS OF DISCONNECT.
10. OPTIONS TD, TG, TH OR TQ CONTROL (SEE UDE00338 FOR MORE INFORMATION)

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
04	UPDATE CUSTOMER CONNECTIONS TO BOLD LINES	6620	DJP	10/07/15
03	ADDED FM, AM, MP TERMINALS TO DRIVE	6422	DJP	07/17/15

YASKAWA

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CHECKED:	D.R. CMELAK	DATE 9/4/12
TECH:		DATE
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TITLE: SCHEMATIC DIAGRAM A1000 CONFIGURED NORMAL DUTY RATING TYPE 3R

SIZE	REVISION	PAGE
D	04	1 of 1

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