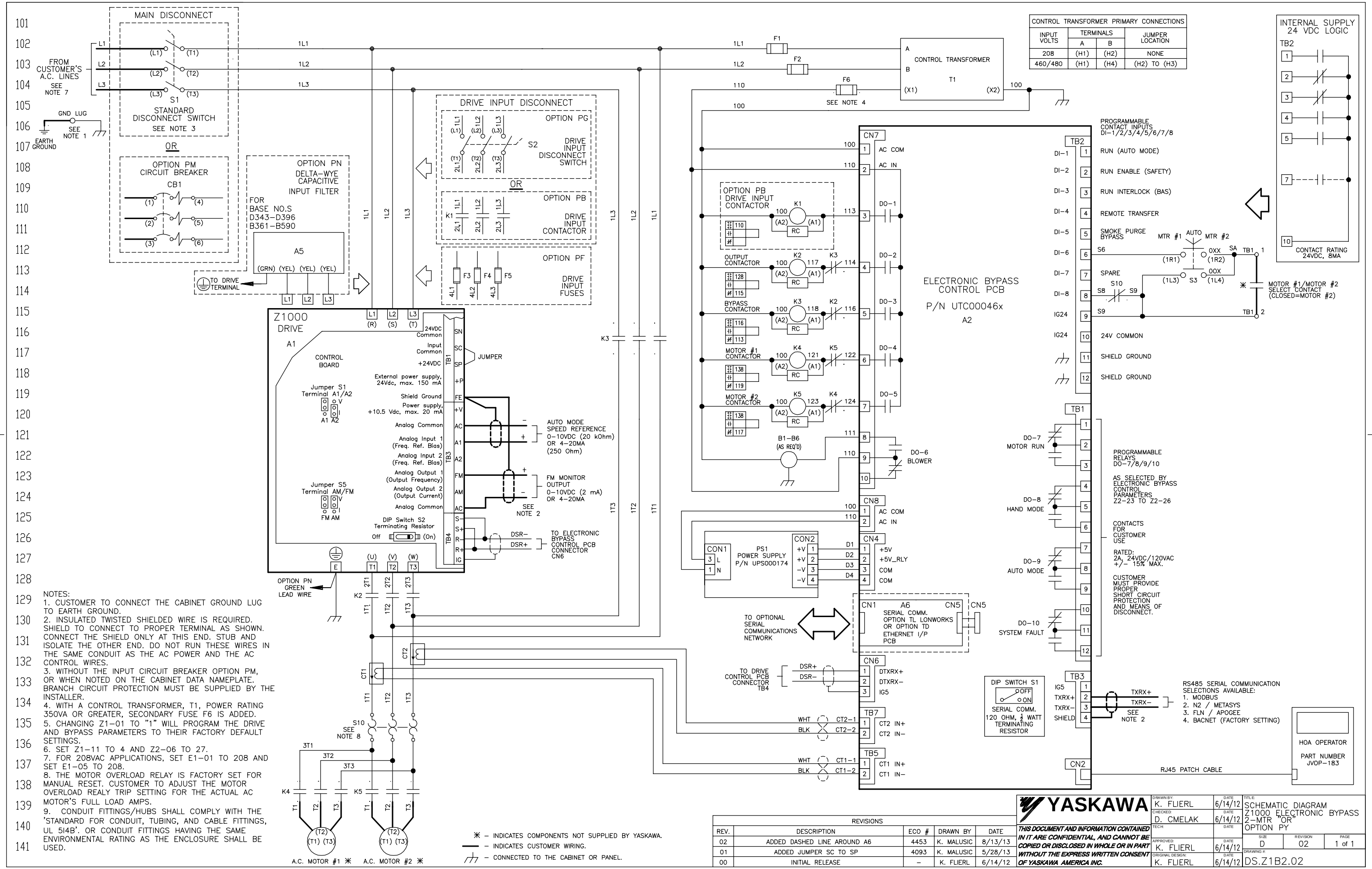

CONTROL TRANSFORMER PRIMARY CONNECTIONS			
INPUT VOLTS	TERMINALS A	TERMINALS B	JUMPER LOCATION
208	(H1)	(H2)	NONE
460/480	(H1)	(H4)	(H2) TO (H3)

NOTES:
1. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
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. WITHOUT THE INPUT CIRCUIT BREAKER OPTION PM, OR WHEN NOTED ON THE CABINET DATA NAMEPLATE. BRANCH CIRCUIT PROTECTION MUST BE SUPPLIED BY THE INSTALLER.
4. WITH A CONTROL TRANSFORMER, T1, POWER RATING 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
5. CHANGING Z1–01 TO "1" WILL PROGRAM THE DRIVE AND BYPASS PARAMETERS TO THEIR FACTORY DEFAULT SETTINGS.
6. SET Z1–11 TO 4 AND Z2–06 TO 27.
7. FOR 208VAC APPLICATIONS, SET E1–01 TO 208 AND SET E1–05 TO 208.
8. THE MOTOR OVERLOAD RELAY IS FACTORY SET FOR MANUAL RESET. CUSTOMER TO ADJUST THE MOTOR OVERLOAD REALY TRIP SETTING FOR THE ACTUAL AC MOTOR'S FULL LOAD AMPS.
9. 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.

✳ – INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
— – INDICATES CUSTOMER WIRING.
⏚ – CONNECTED TO THE CABINET OR PANEL.

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
02	ADDED DASHED LINE AROUND A6	4453	K. MALUSIC	8/13/13
01	ADDED JUMPER SC TO SP	4093	K. MALUSIC	5/28/13
00	INITIAL RELEASE	–	K. FLIERL	6/14/12

YASKAWA

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DRAWN BY: K. FLIERL	DATE 6/14/12	TITLE: SCHEMATIC DIAGRAM Z1000 ELECTRONIC BYPASS 2–MTR "OR" OPTION PY
CHECKED: D. CMELAK	DATE 6/14/12	
TECH	DATE	SIZE D / REVISION 02 / PAGE 1 of 1
APPROVED: K. FLIERL	DATE 6/14/12	
ORIGINAL DESIGN: K. FLIERL	DATE 6/14/12	DRAWING #: DS.Z1B2.02

Prepared by krstan_malusic 8/13/2013 1:03:46 PM