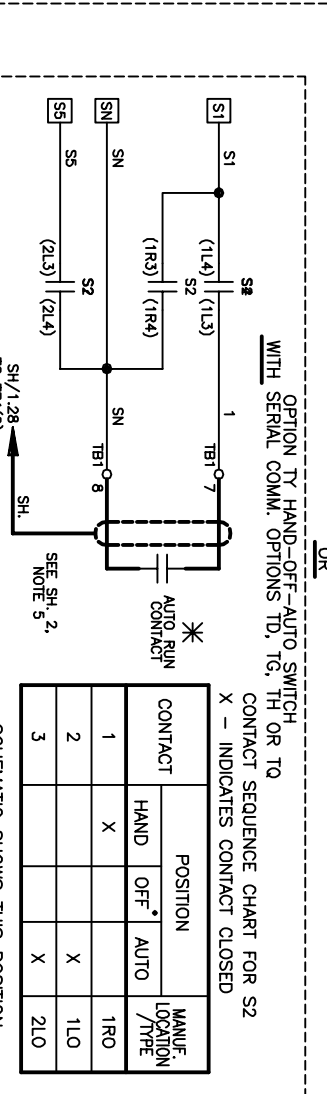
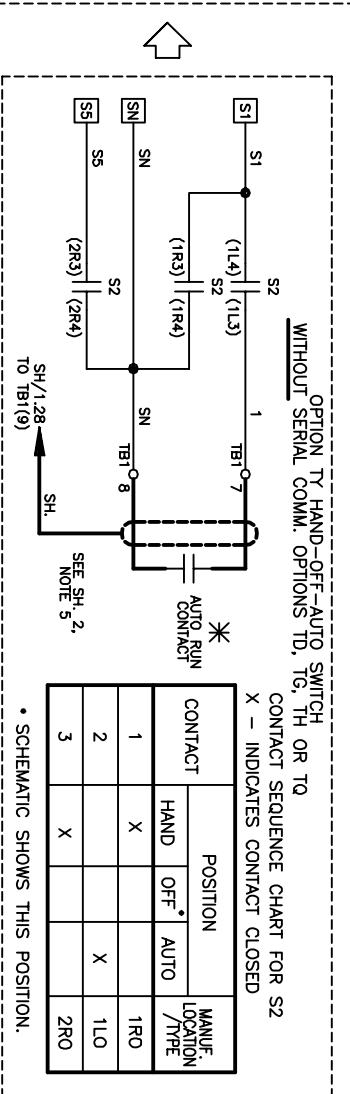
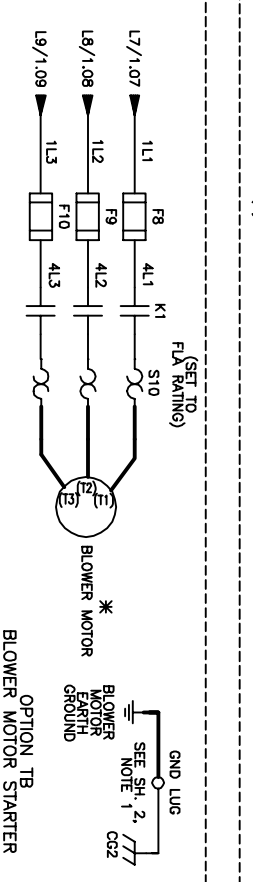


| CONTROL TRANSFORMER PRIMARY CONNECTIONS | | | | |
|---|-----------|-----------------|--------------|-----------------|
| INPUT VOLTS | TERMINALS | JUMPER LOCATION | TERMINALS | JUMPER LOCATION |
| 230/240 | (H1) | (H1) | (H2) TO (H4) | (H2) TO (H4) |
| 460/480 | (H1) | (H1) | (H2) TO (H3) | (H2) TO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



| BLOWER MOTOR | | |
|--------------|-----------|-------|
| FLA RATING | AMPS | VOLTS |
| 3.0 | 2.2 - 360 | 240 |
| 1.5 | 1.6 - 477 | 480 |
| 3.0 | 515 - 590 | 480 |
| 1.2 | 1.3 - 192 | 600 |



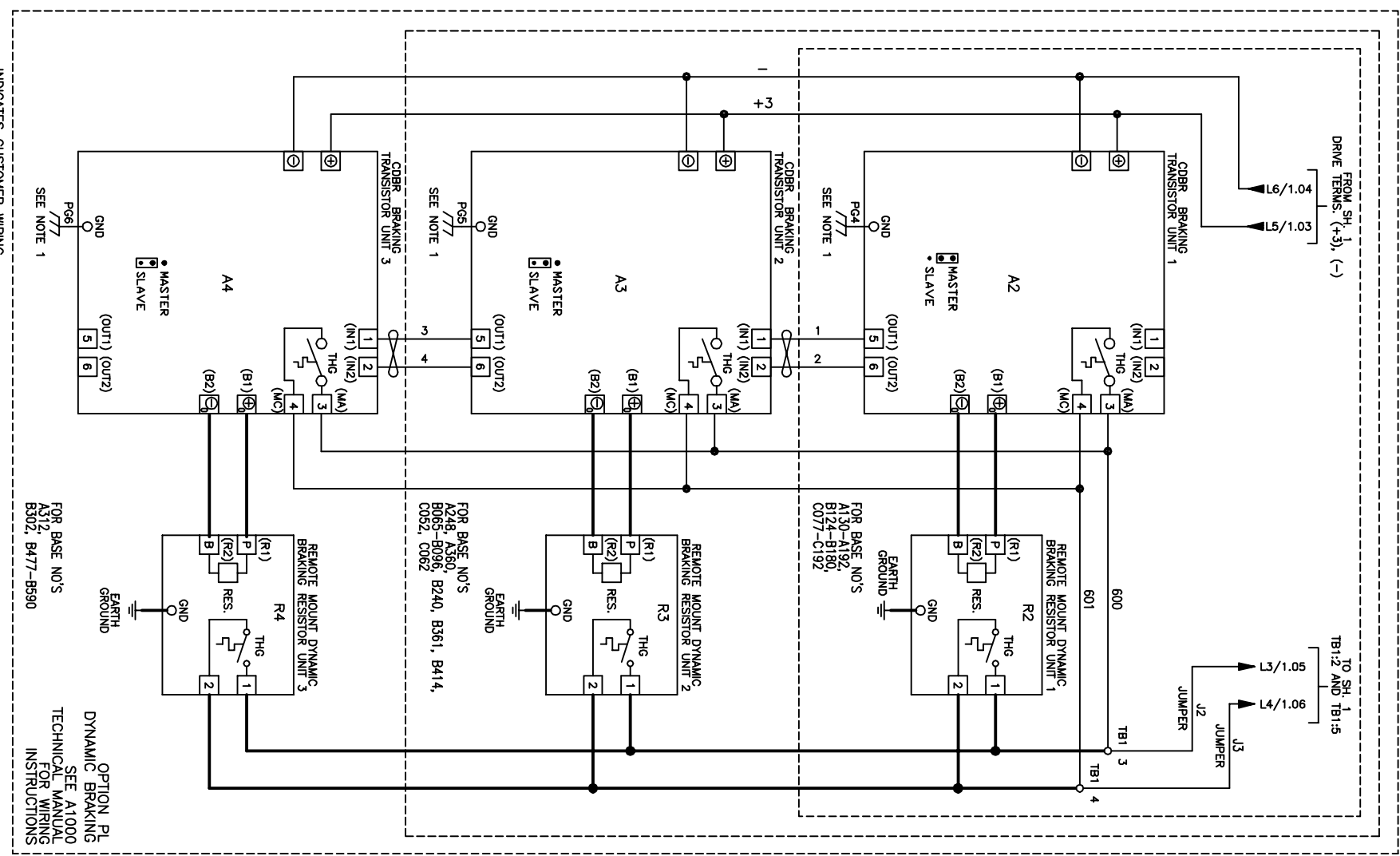
SEE SHEET 2 FOR NOTES.
SEE DRAWING UDE00340 FOR CUSTOMER CONNECTIONS.
SEE DRAWING UDE00337 FOR DRIVE PARAMETER SETTINGS.

| REV. | DESCRIPTION | ECO # | DRAWN BY | DATE | DESIGNED BY | DATE | CHK'D BY | DATE | REVISED BY | DATE |
|------|--------------------------------------|-------|----------|----------|-------------|----------|----------|------|------------|------|
| 05 | ADDED FM, AM, MP TERMINALS TO DRIVE | 6422 | DJP | 07/17/15 | K. FLIERL | 12/16/11 | | | | |
| 06 | UPDATE CUSTOMER WIRING TO BOLD LINES | 6620 | DJP | 10/07/15 | K. FLIERL | 12/16/11 | | | | |

YASKAWA
K. MALUSIC
D.R. CMELEK
12/16/11
SCHEMATIC DIAGRAM
A1000 CONFIGURED
HEAVY DUTY RATING
TYPE 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

K J I H G F E D C B A



INDICATES CUSTOMER WIRING.

OPTION PL DYNAMIC BRAKING SEE A1000 TECHNICAL MANUAL FOR WIRING INSTRUCTIONS

FOR BASE NO'S A312, B302, B477-B590

FOR BASE NO'S A248, A350, B065-B096, B240, B361, B414, C052, C062

FOR BASE NO'S A130-A192, B124-B180, C077-C192

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. 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. FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
7. CUSTOMER TO REMOVE JUMPERS J2 AND J3 FOR WIRING TO EXTERNAL CONTROL LOGIC, IF APPLICABLE.
8. IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER HI-08 TO 27. THIS WILL CAUSE THE DRIVE TO STOP 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 5 ABOVE.
9. OPTIONS TD, TG, TH OR TQ TO CONTROL (SEE UDE00337 FOR MORE INFORMATION):
 OPTION TD = ETHERNET/IP
 OPTION TG = DEVICENET
 OPTION TH = PROFIBUS
 OPTION TQ = ETHERNET MODBUS TCP/IP

| | | | | | |
|---|------------|---------|-------------|-----------|------------------|
| YASKAWA | | DATE | 12/16/11 | TITLE | SCHMATIC DIAGRAM |
| DESIGNED BY | K. MALUSIC | CHECKED | D.R. CMEIAK | DATE | 12/16/11 |
| 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 | DATE | 12/16/11 | REVISION | 06 |
| | K. FLIERL | DATE | 12/16/11 | PAGE | 2 of 2 |
| | D. PACKER | DATE | 12/16/11 | DRAWING # | DS.A1C1.01 |