



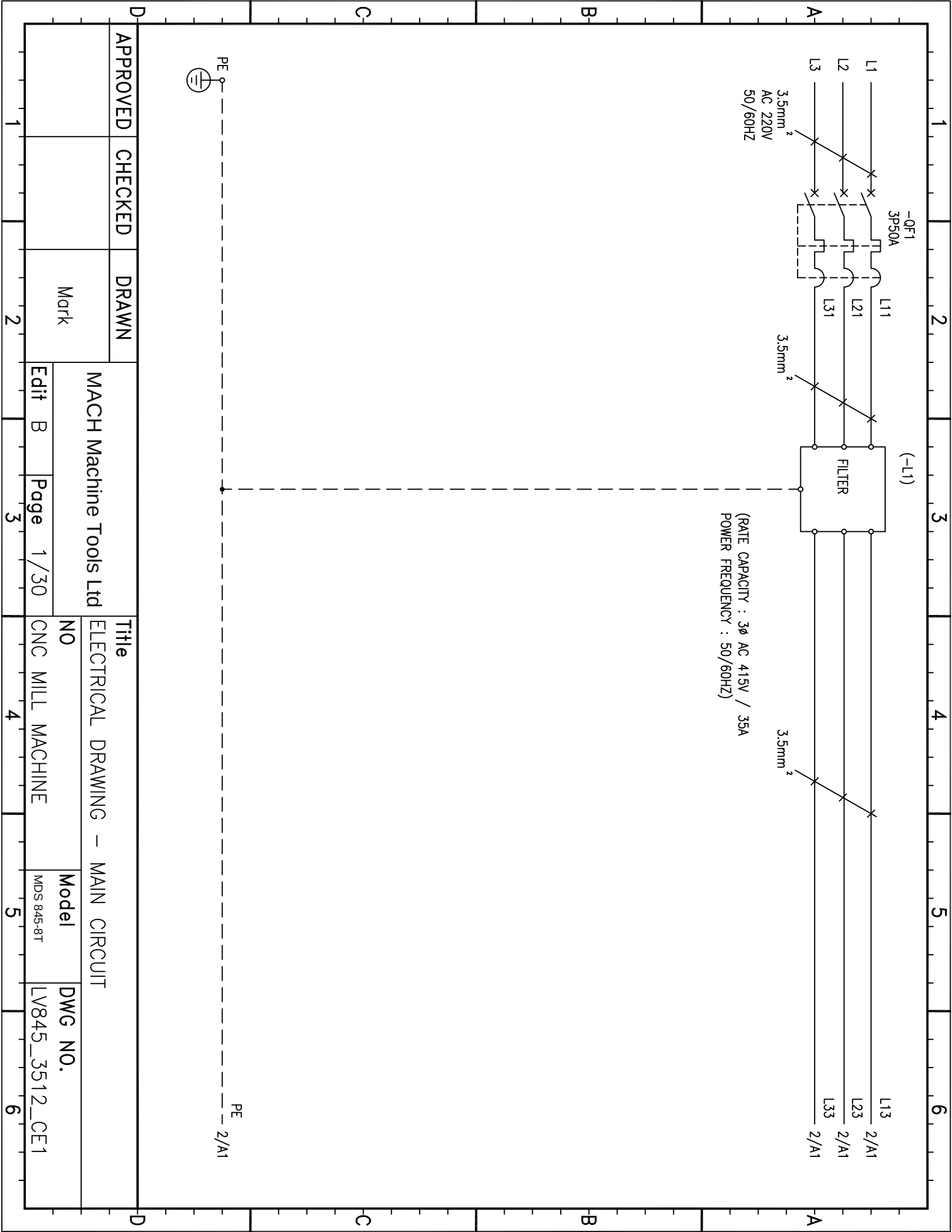
WIRING SCHEMATICS

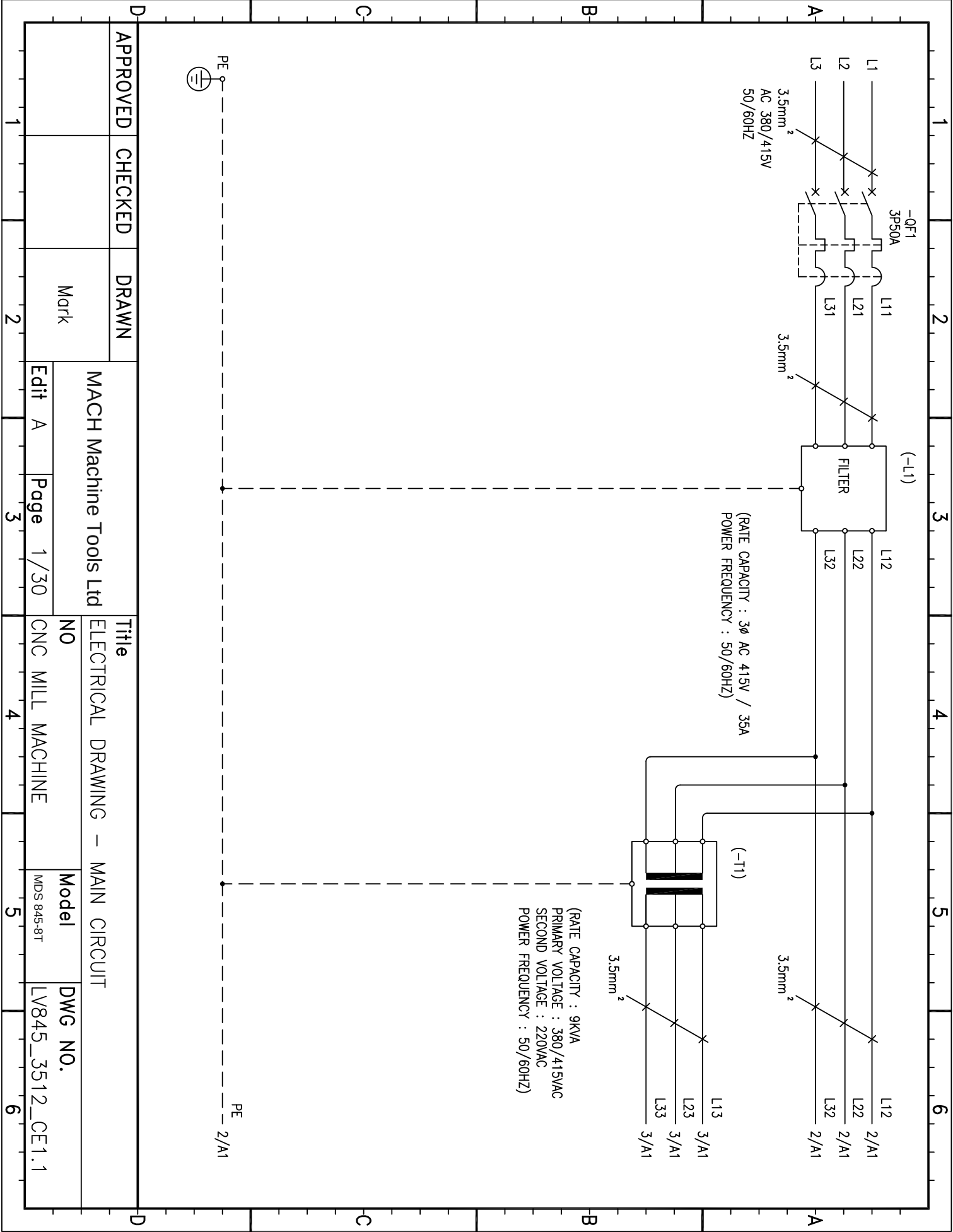
MDS 845-8T

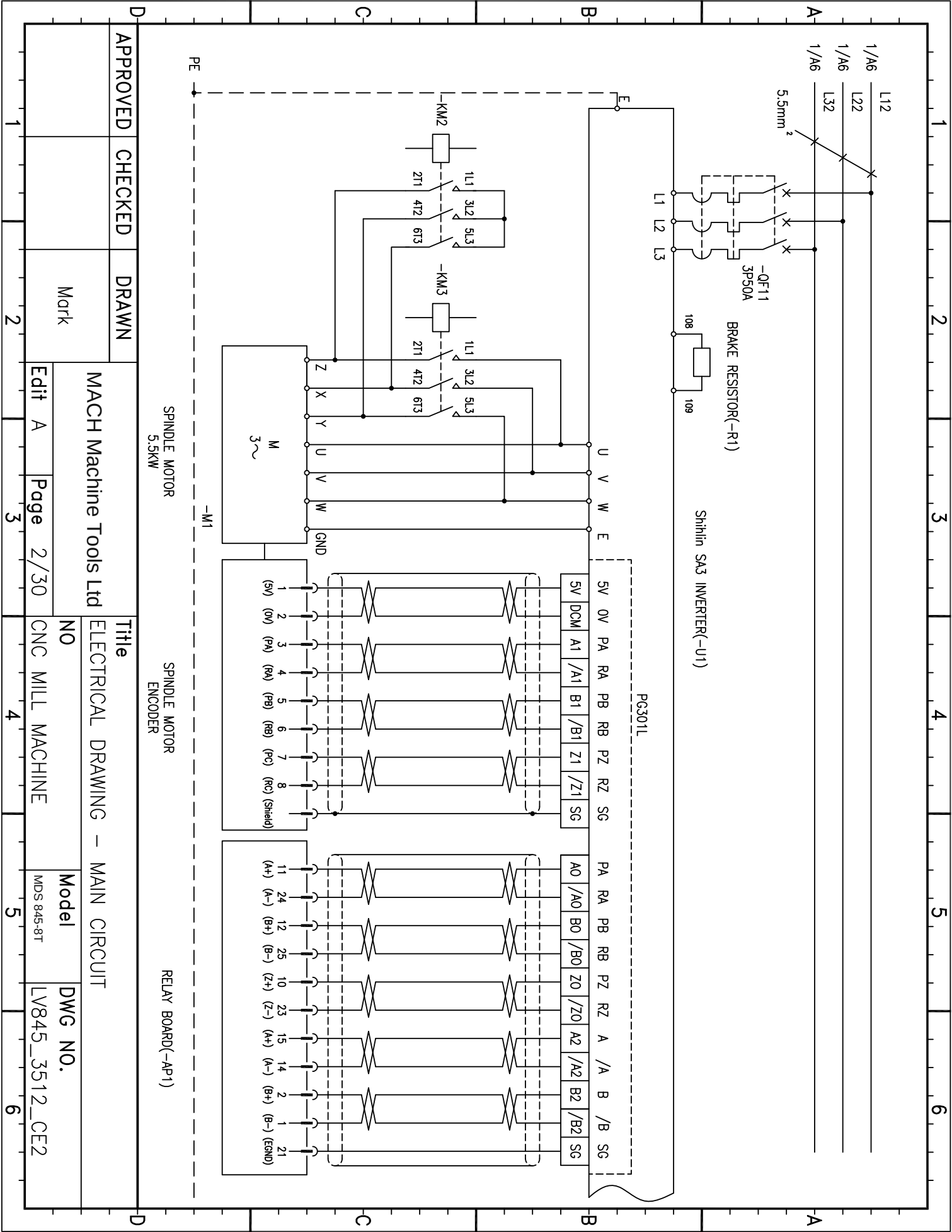
CNC Toolroom Mill

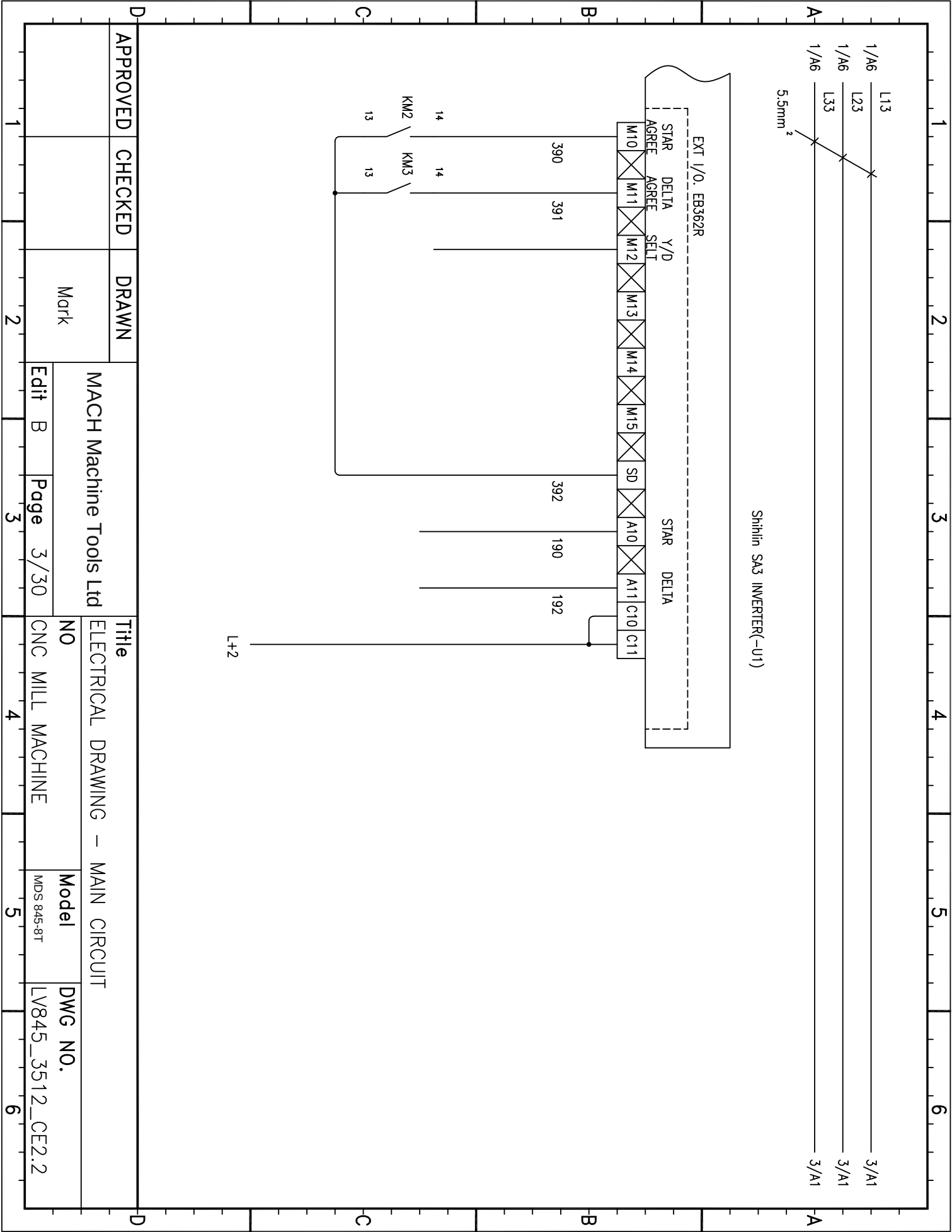


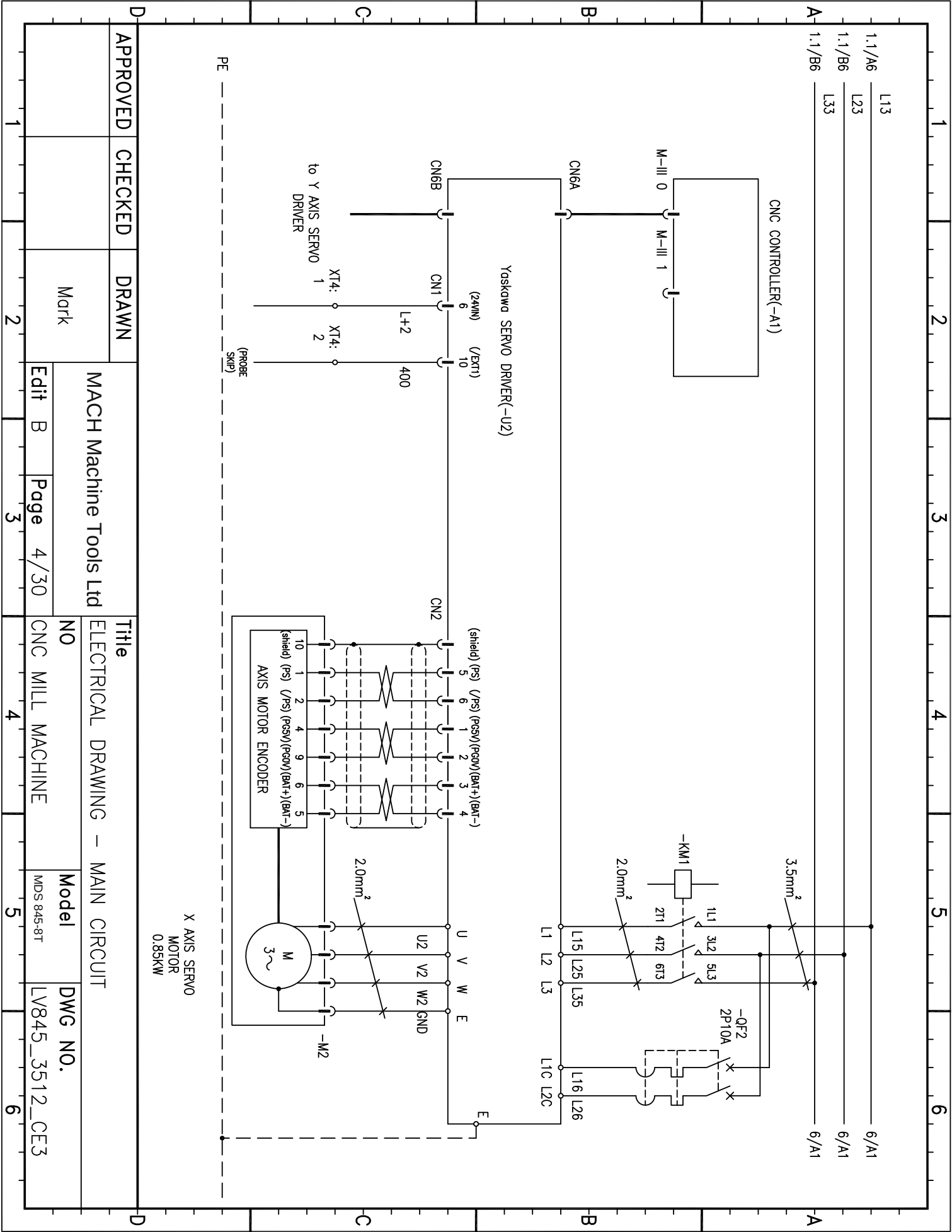
Wiring Schematics DB-3512 CE











APPROVED CHECKED DRAWN

MACH Machine Tools Ltd

Title

ELECTRICAL DRAWING – MAIN CIRCUIT

NO

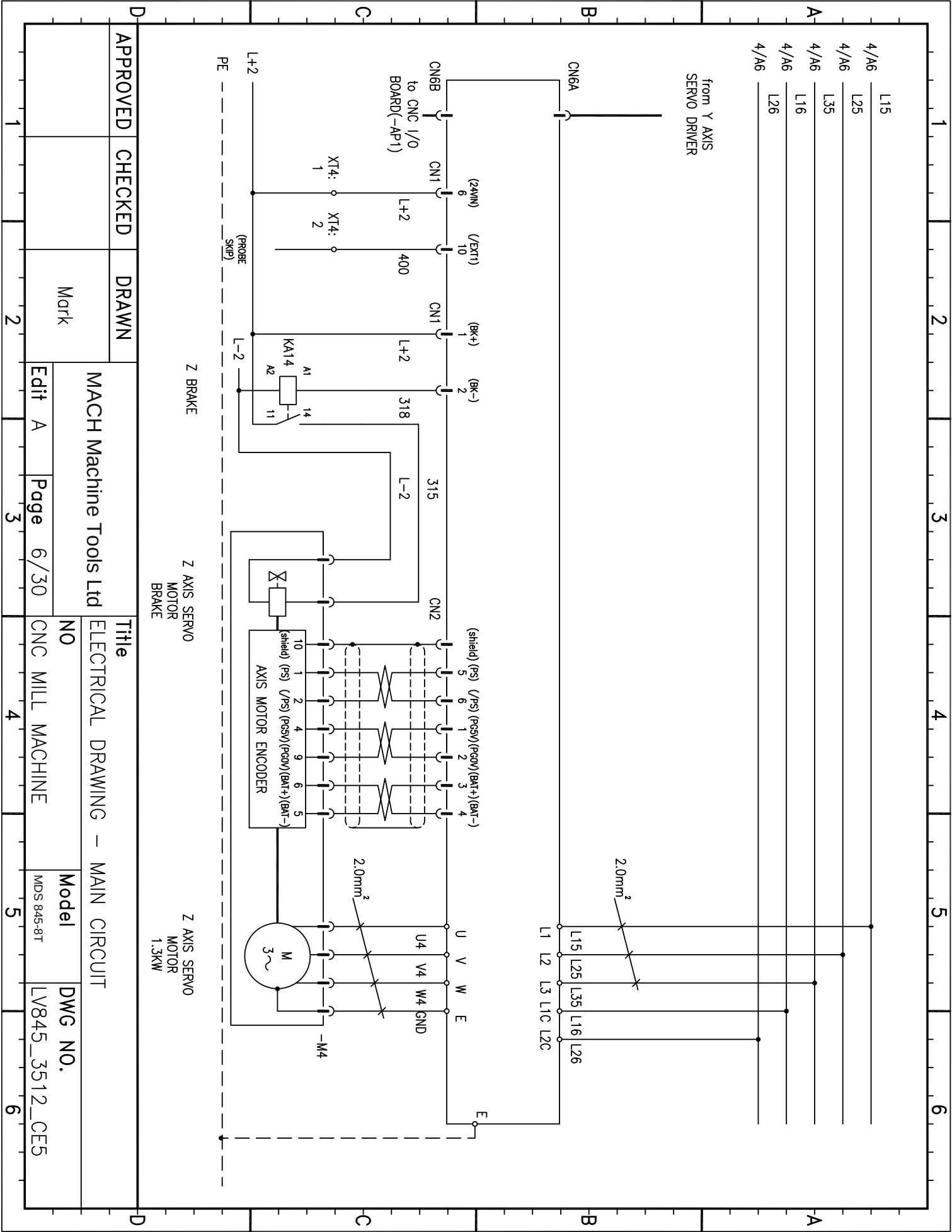
CNC MILL MACHINE

Model

MDS 845-8T

DWG NO.

LV845_3512_CE3



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CHECKED

DRAWN

Title

MACH Machine Tools Ltd

ELECTRICAL DRAWING – MAIN CIRCUIT

Mark

Edit A

Page 6/30

NO

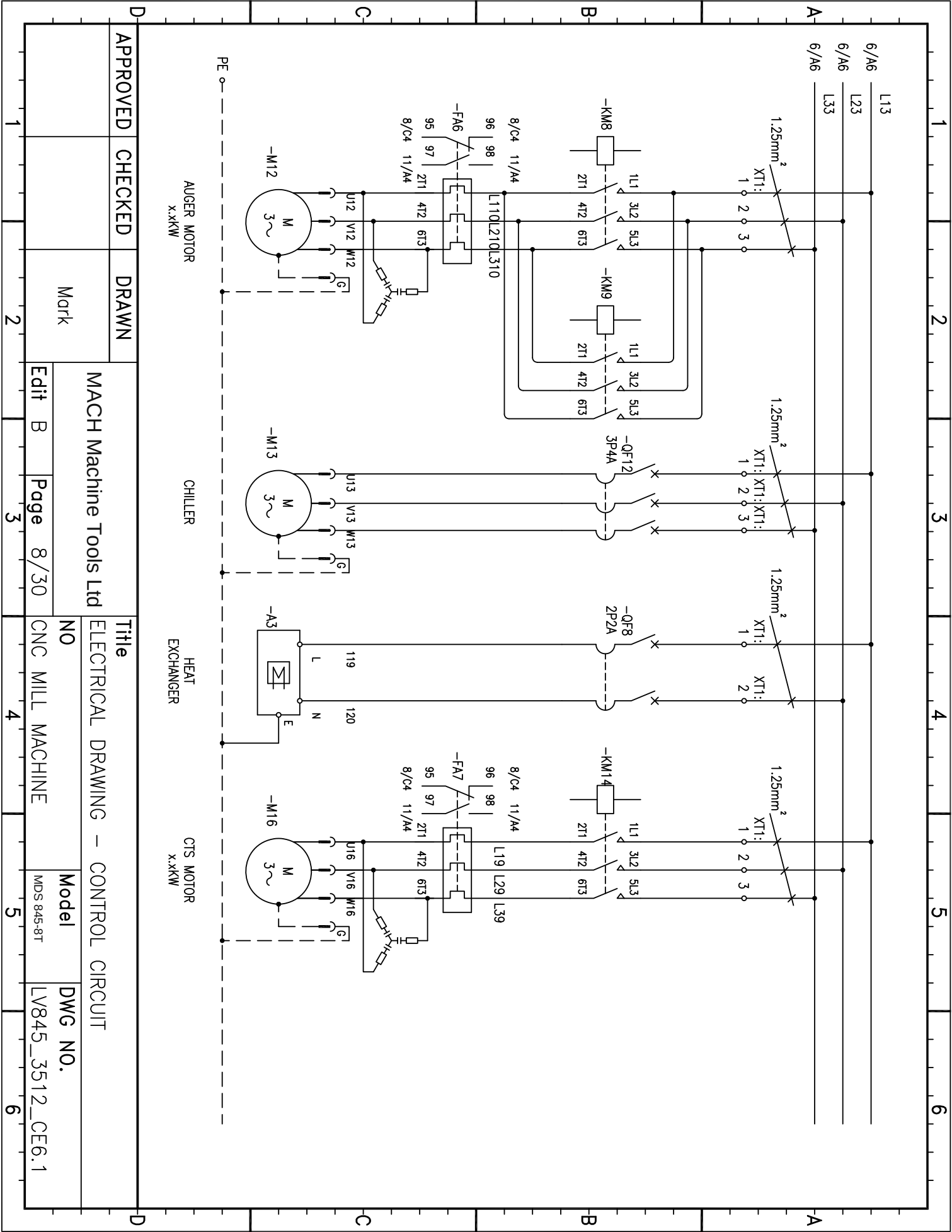
CNC MILL MACHINE

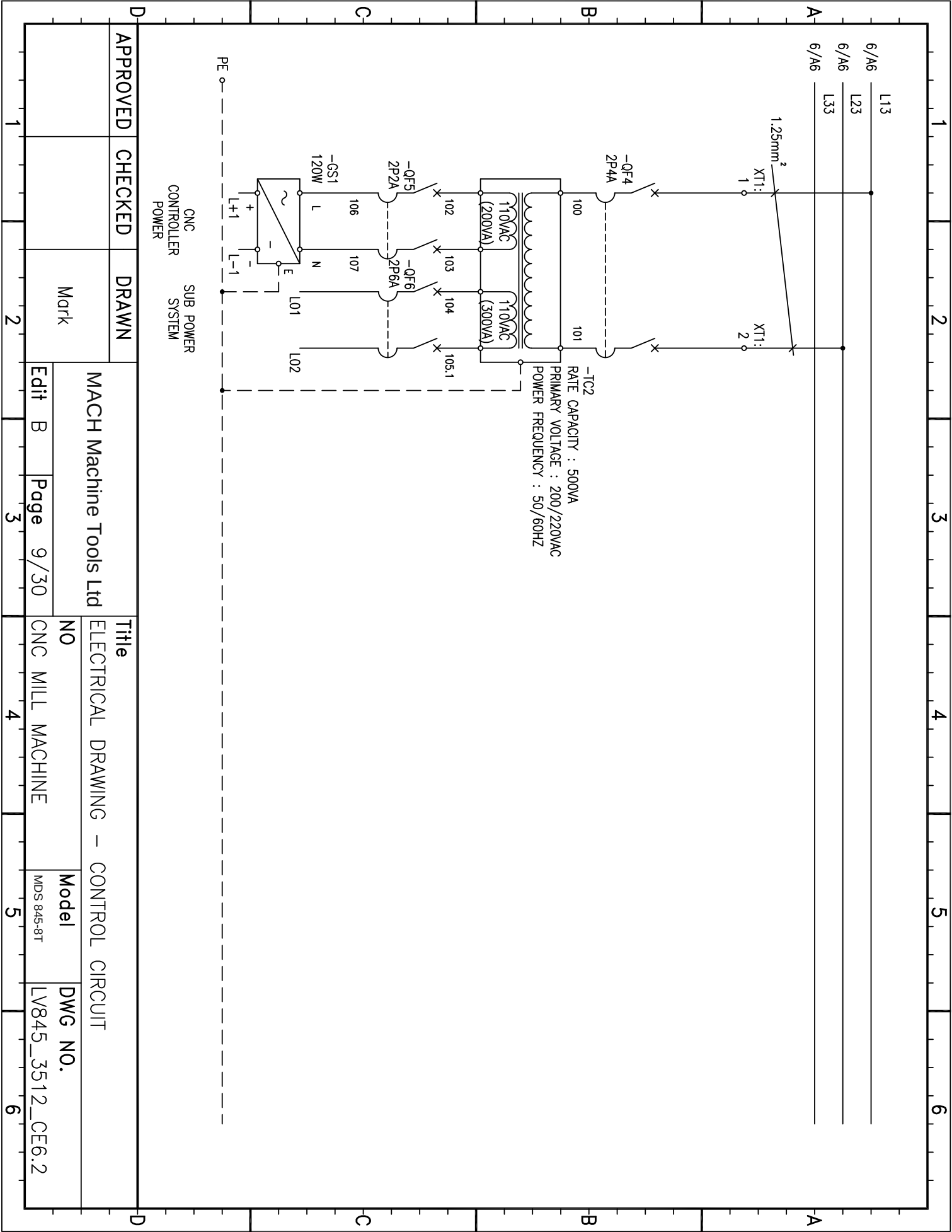
Model

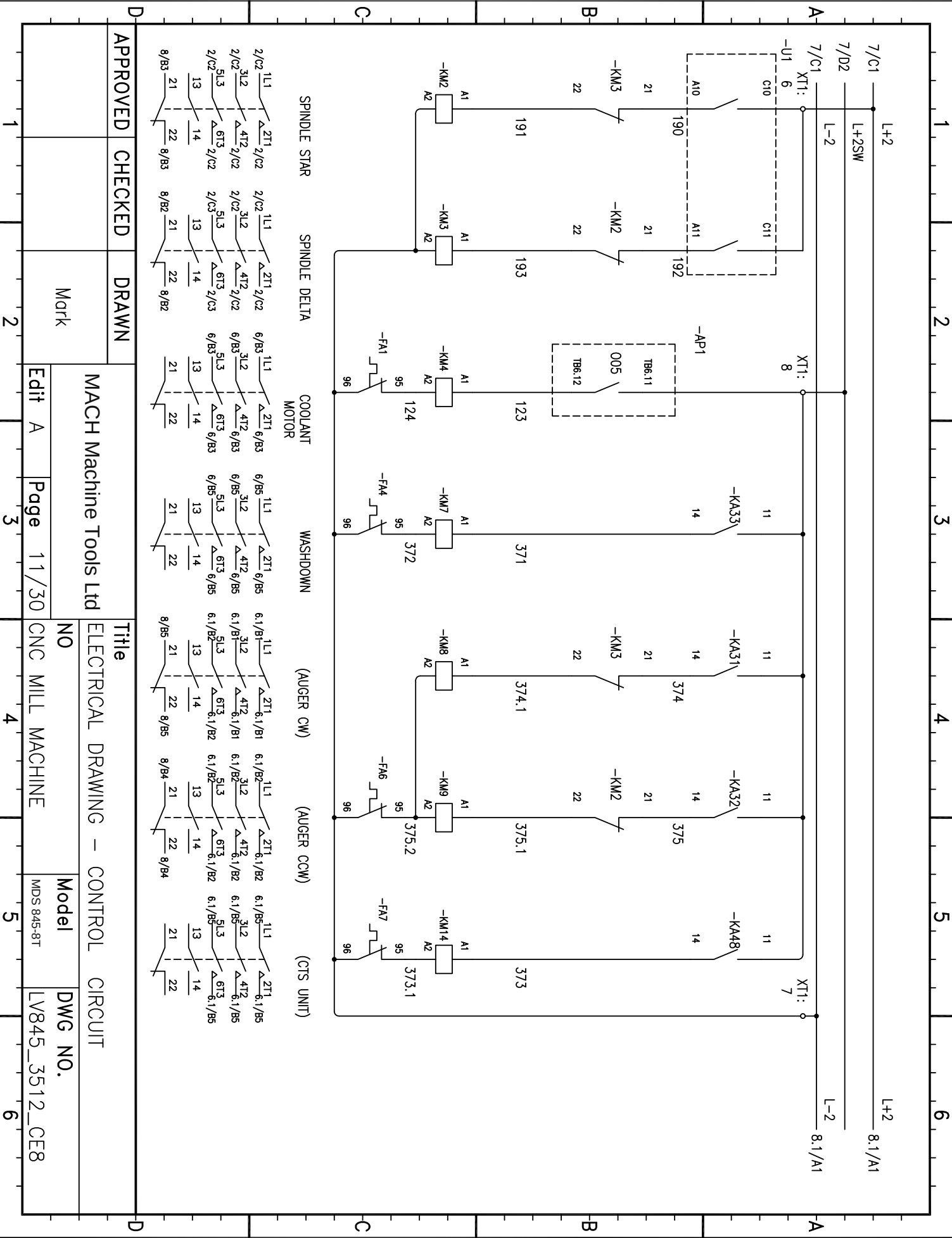
MDS 845-8T

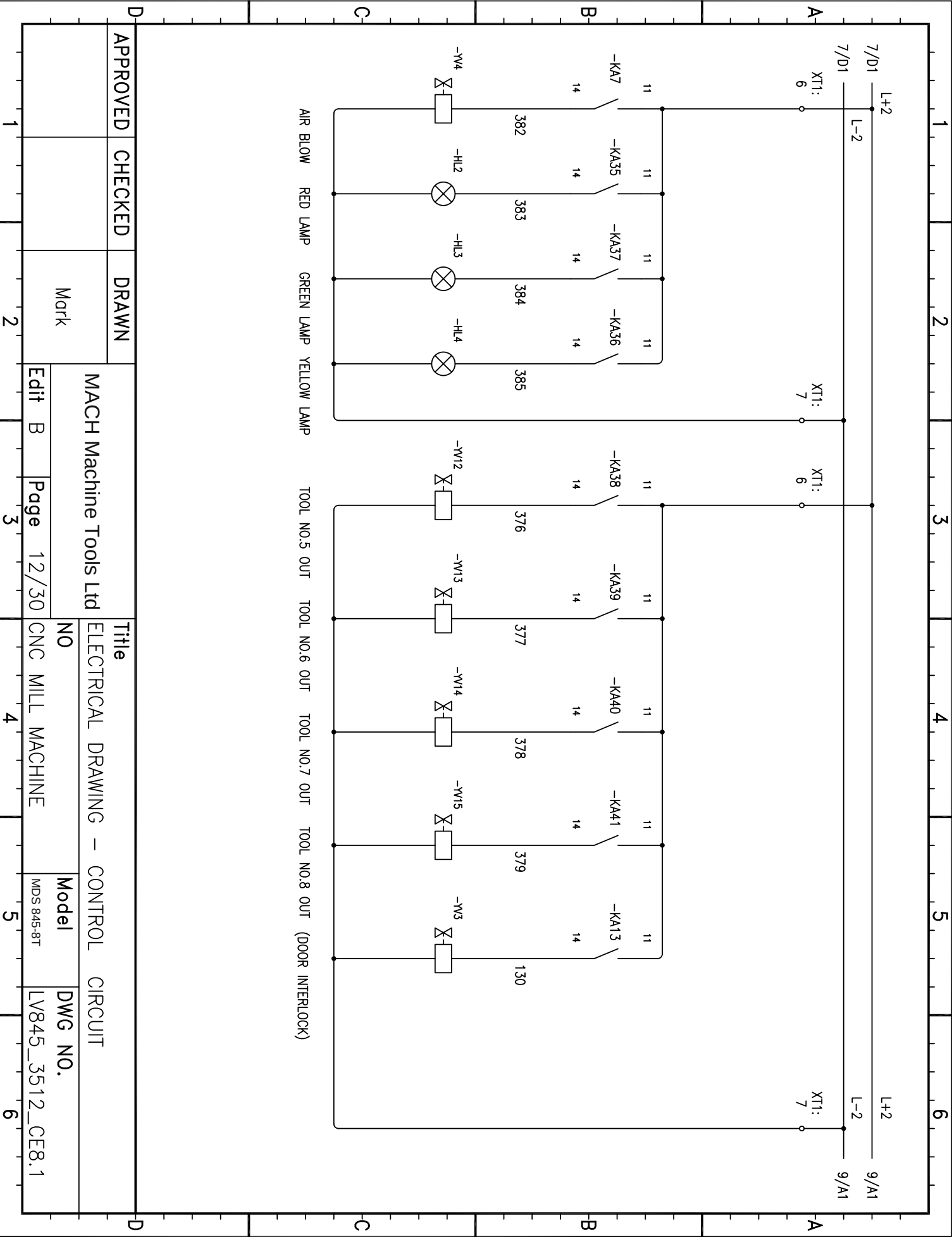
DWG NO.

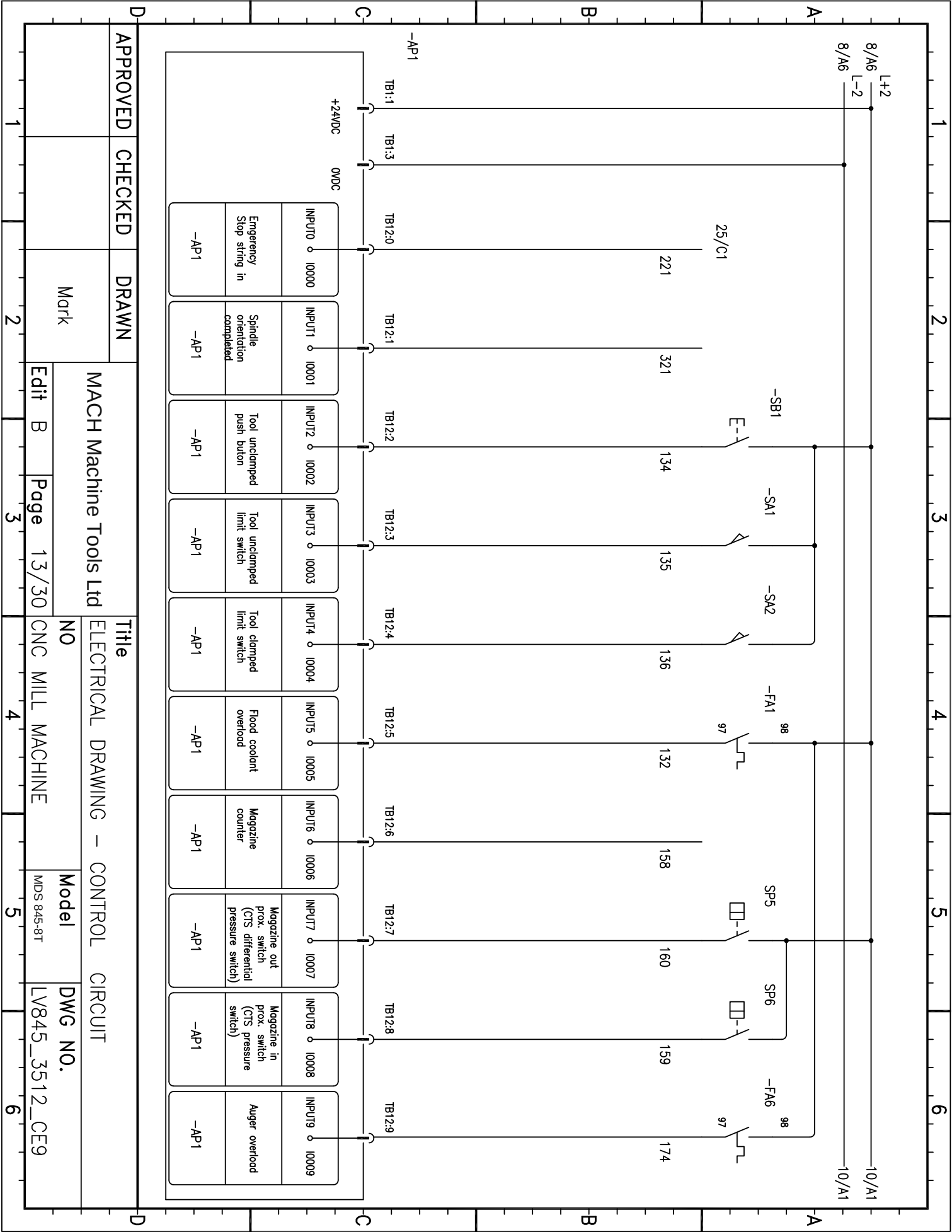
LV845_3512_CE5

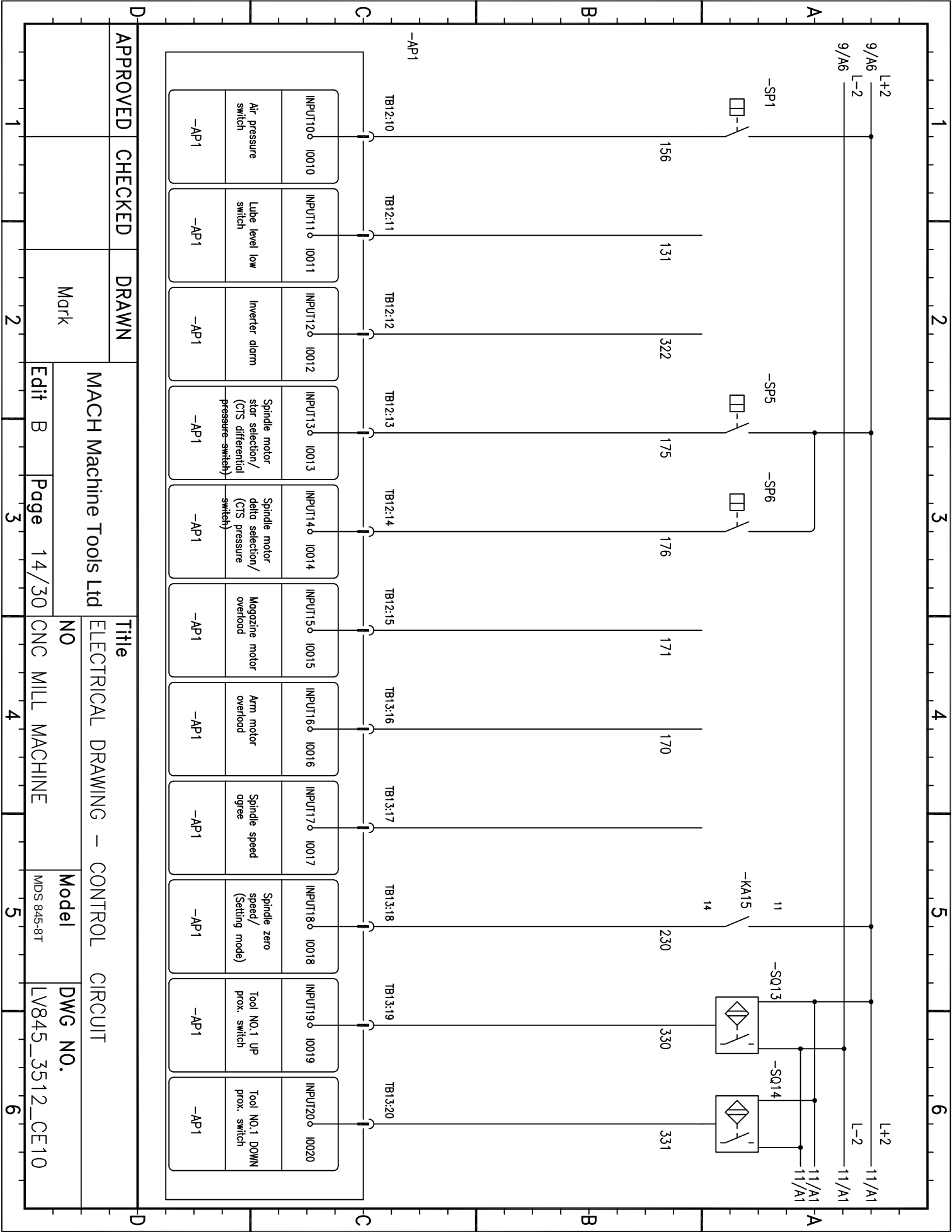


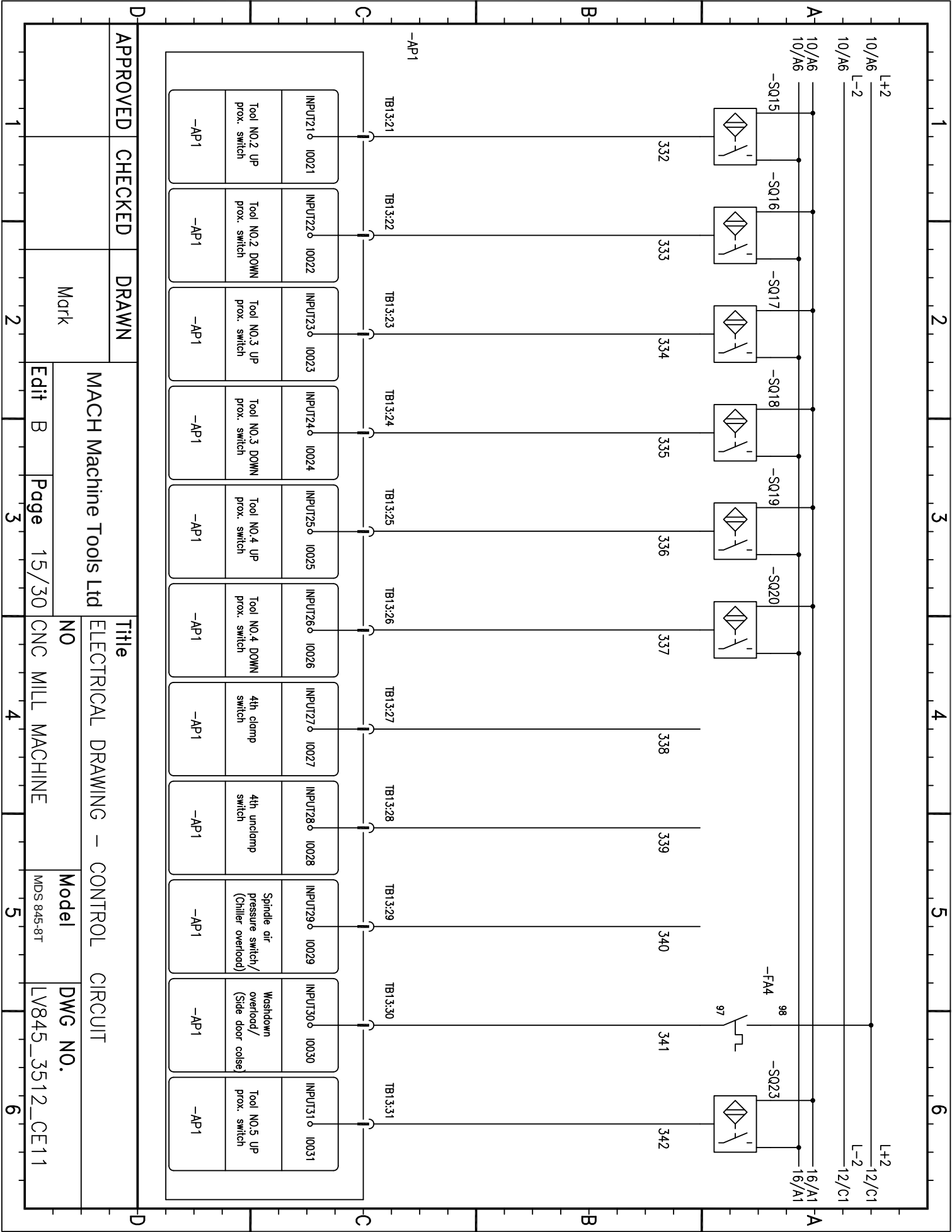


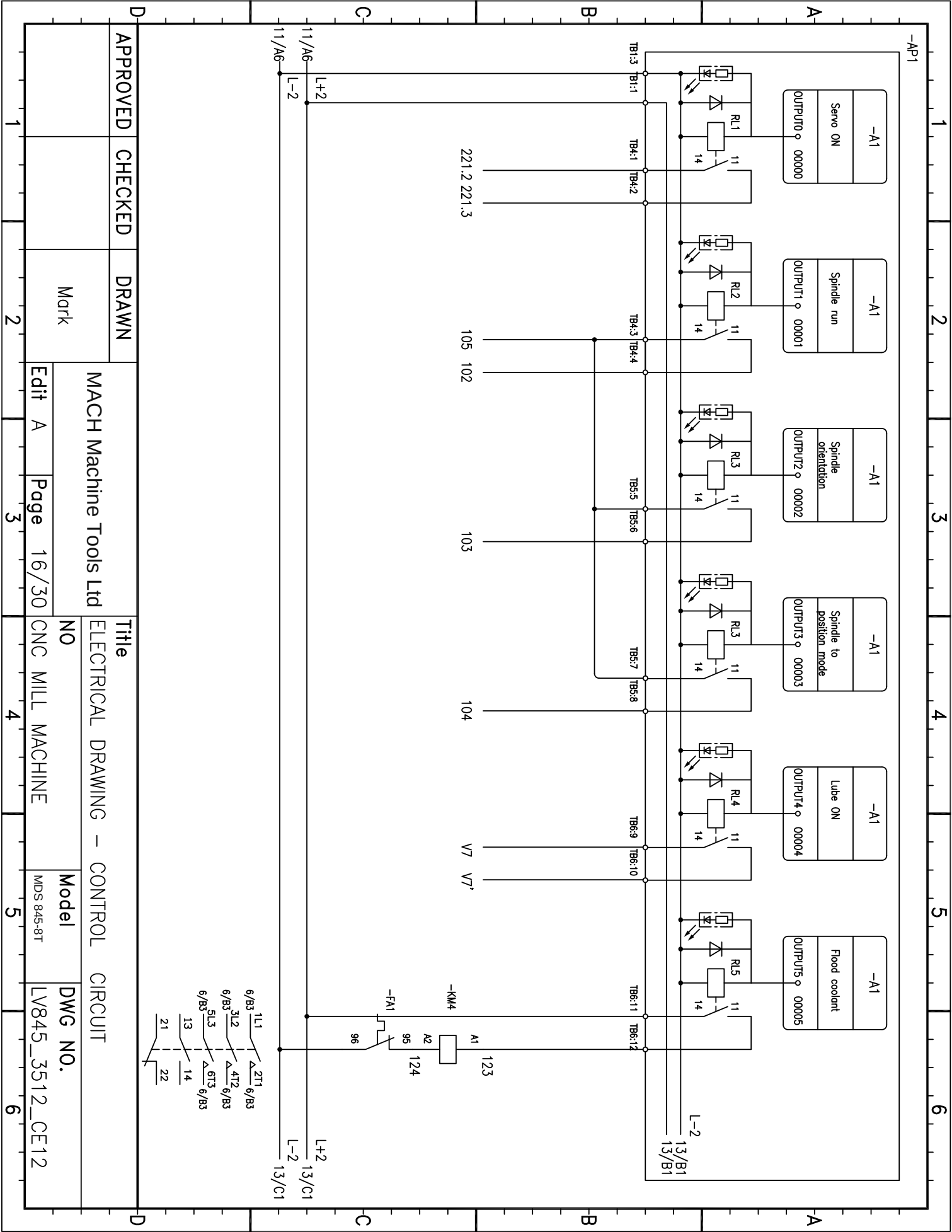


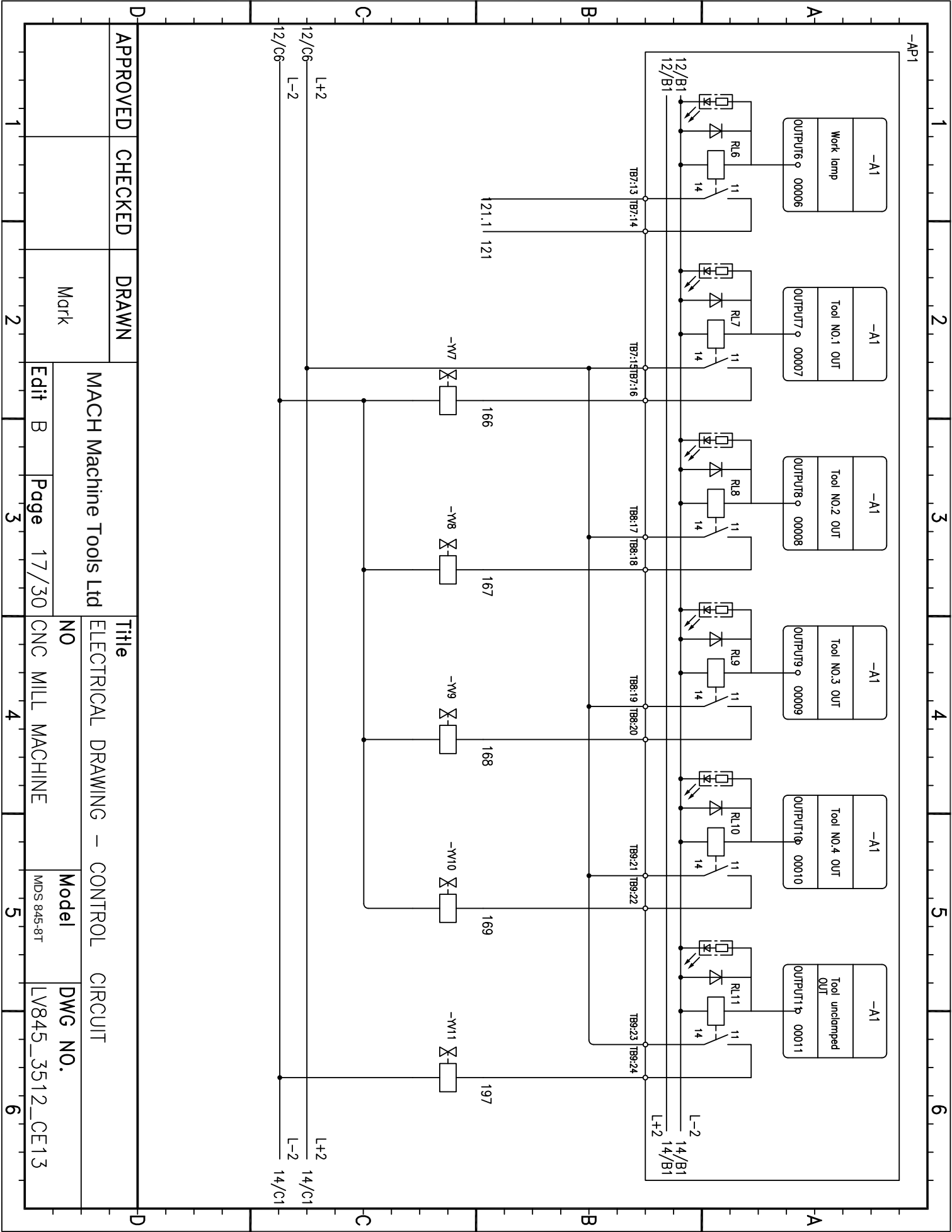


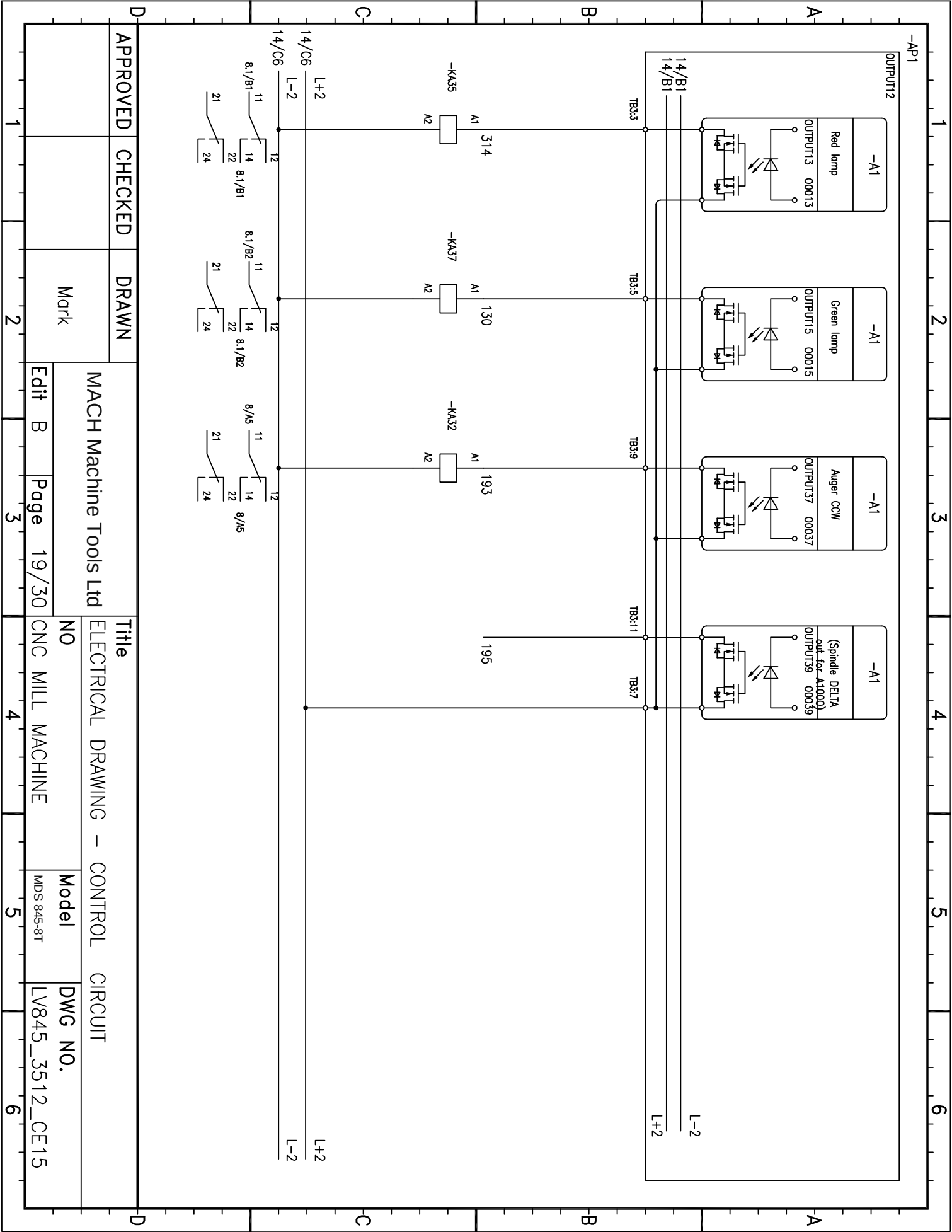


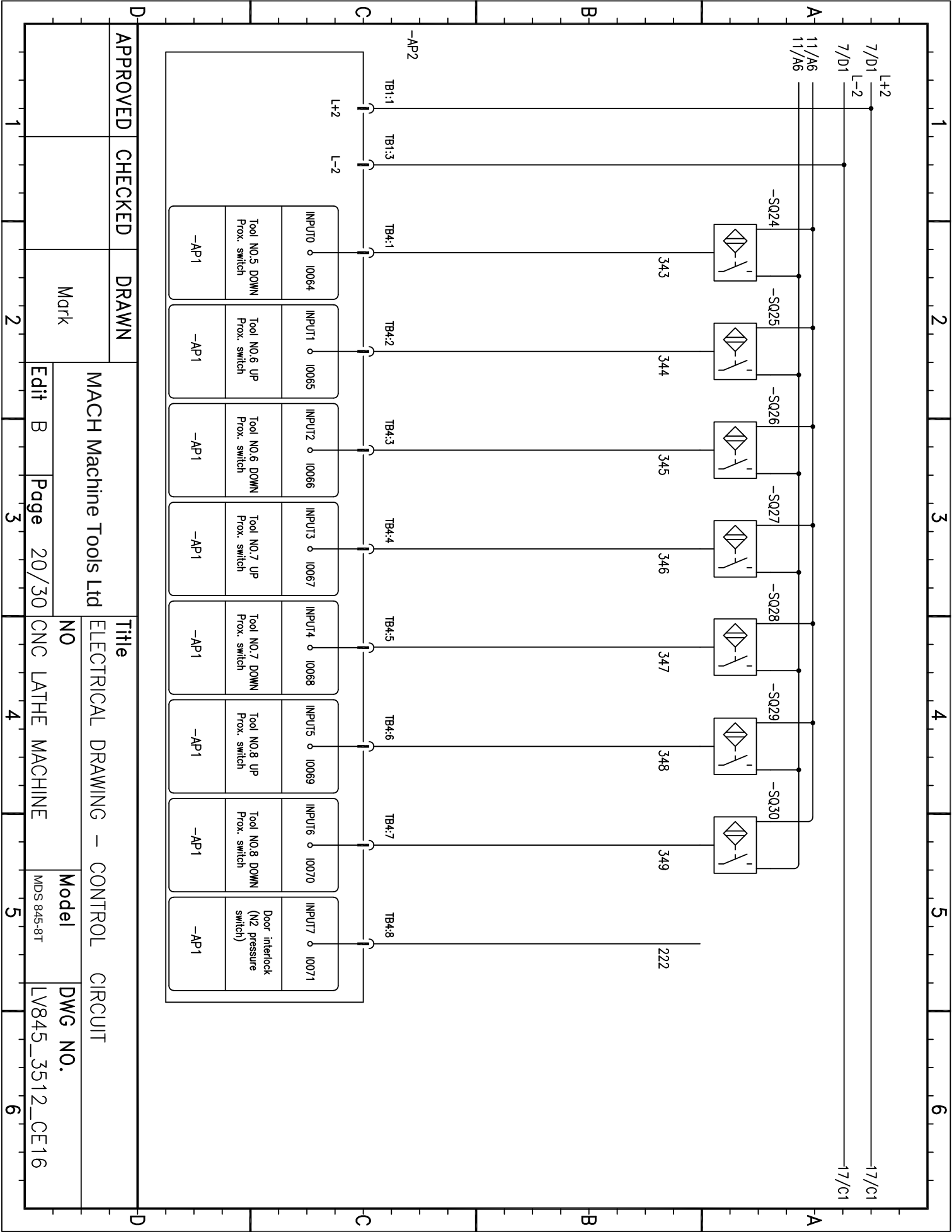


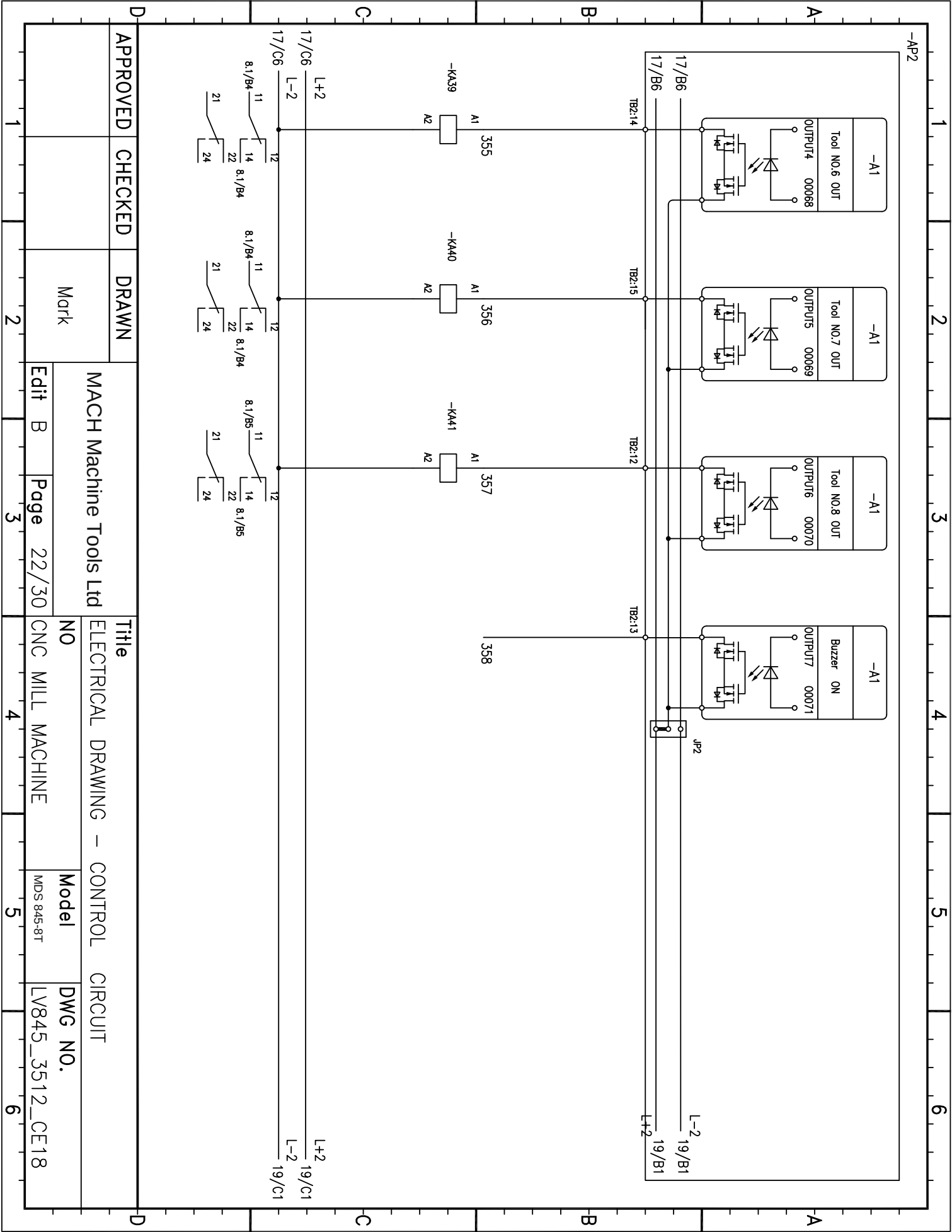


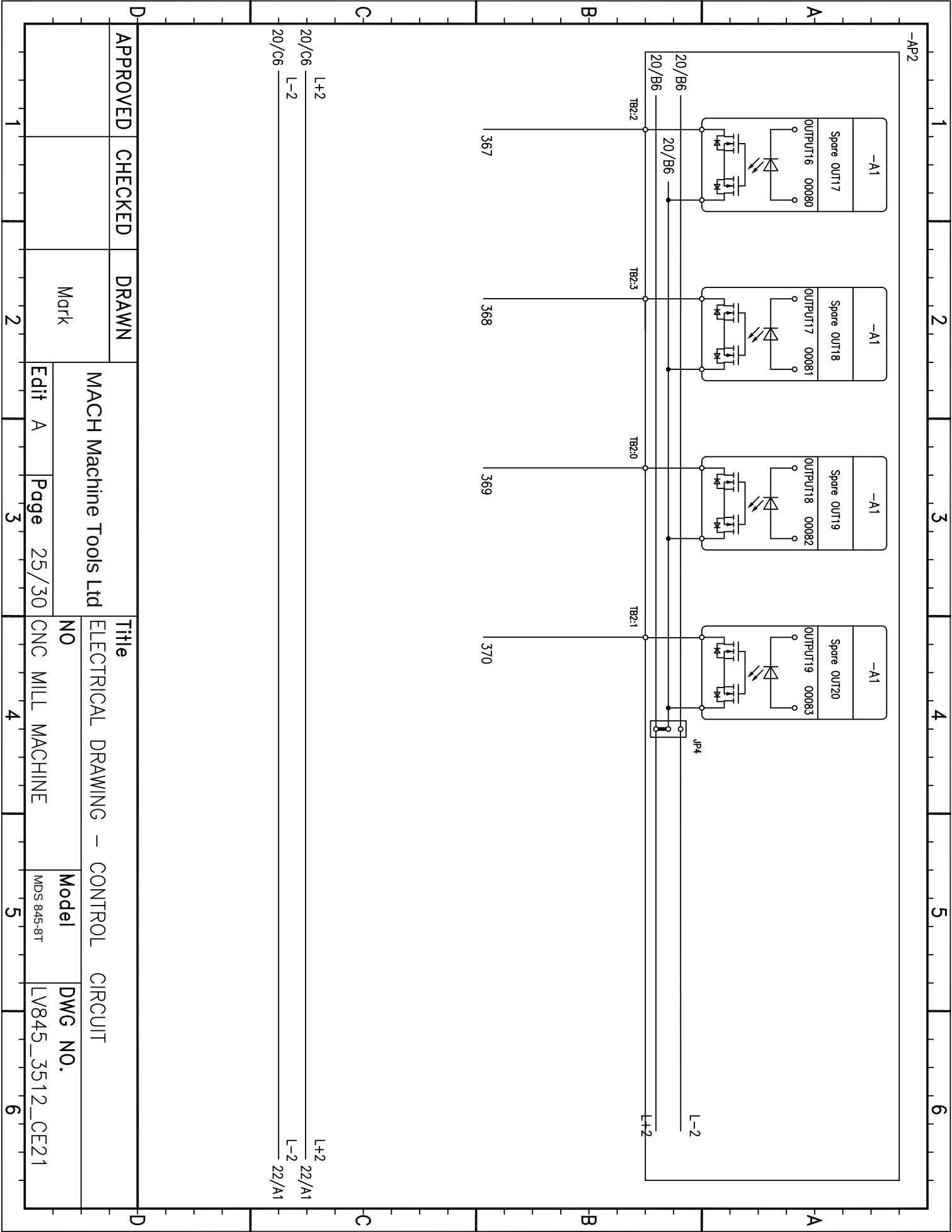


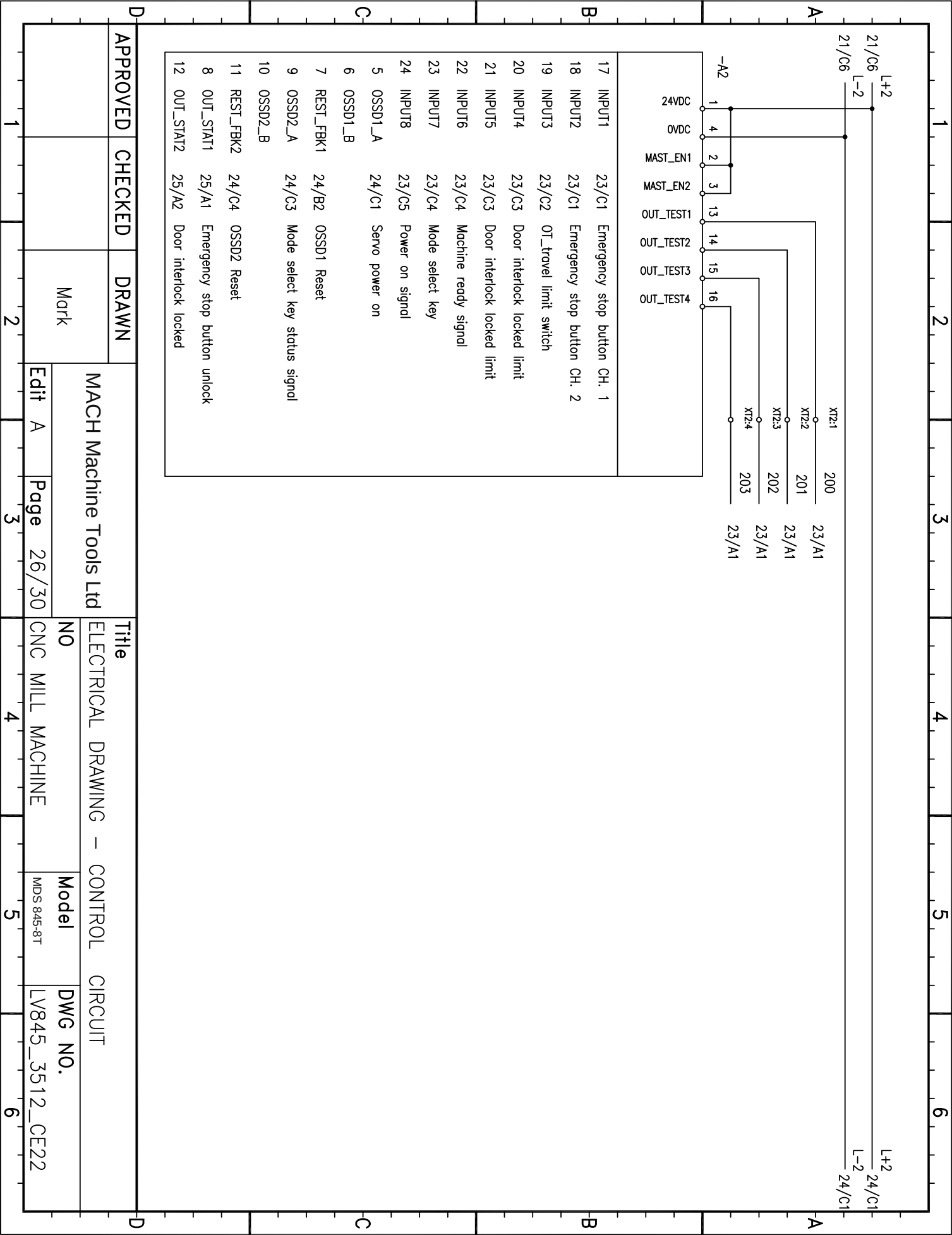












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DRAWN

MACH Machine Tools Ltd

NO

CNC MILL MACHINE

Model

MDS 845-8T

DWG NO.

LV845_3512_CE22

1

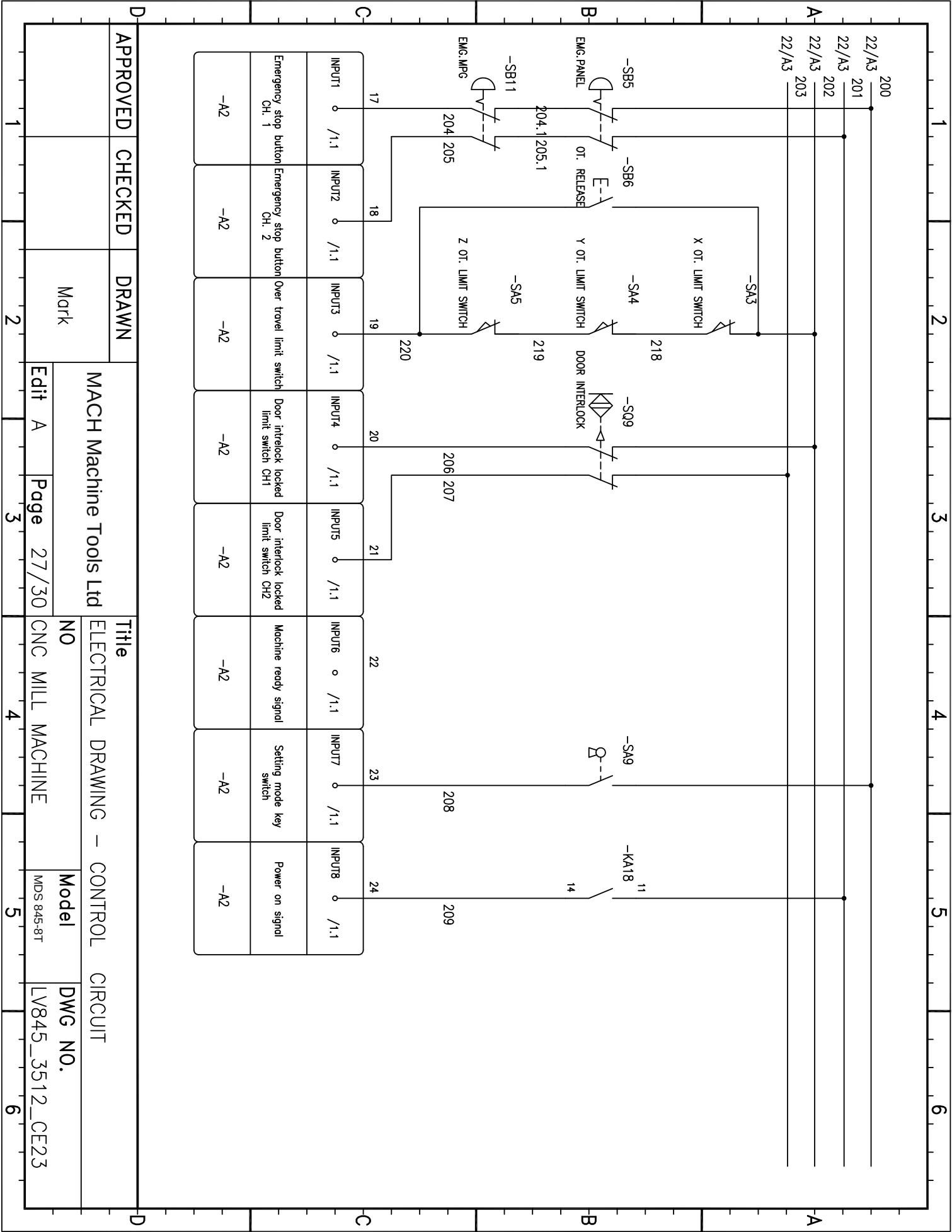
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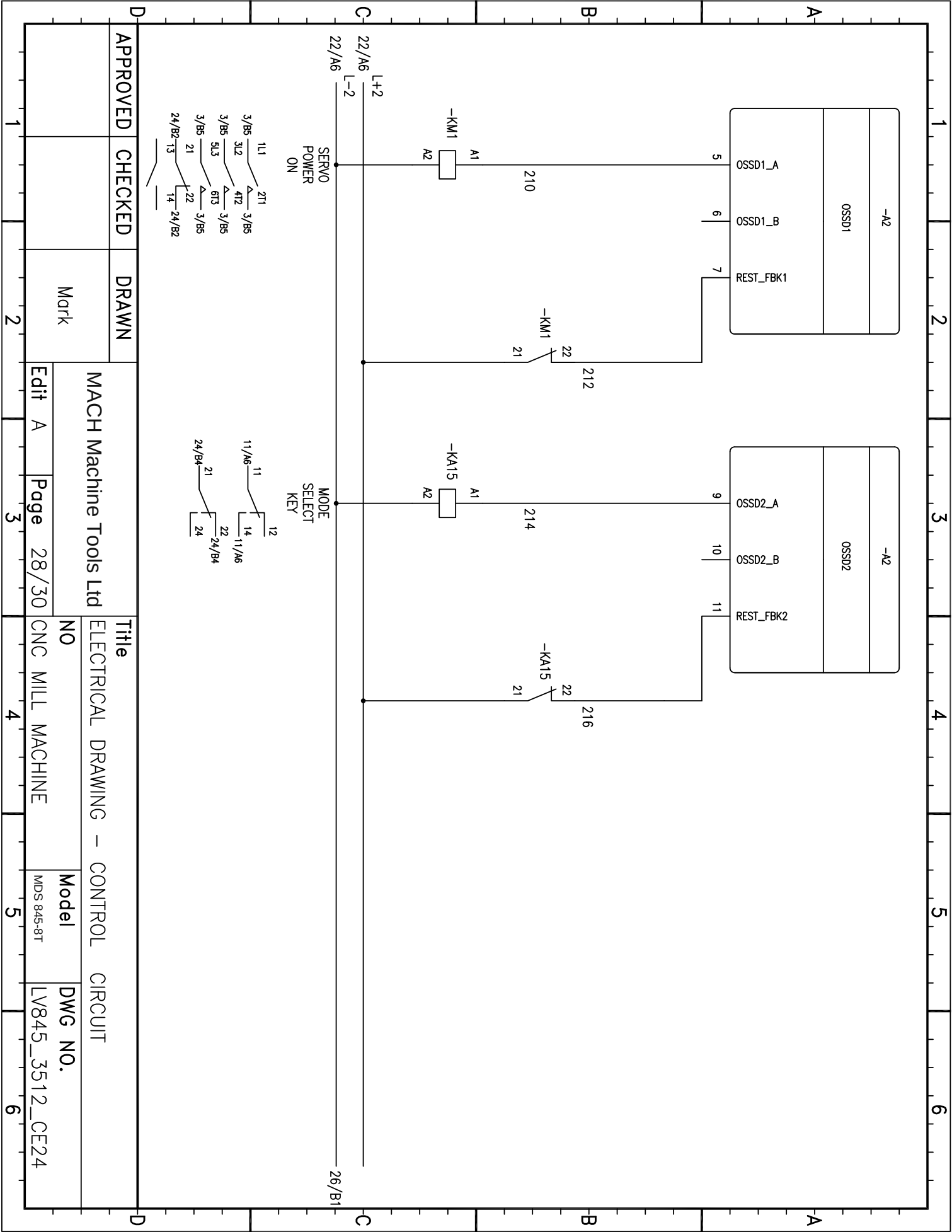
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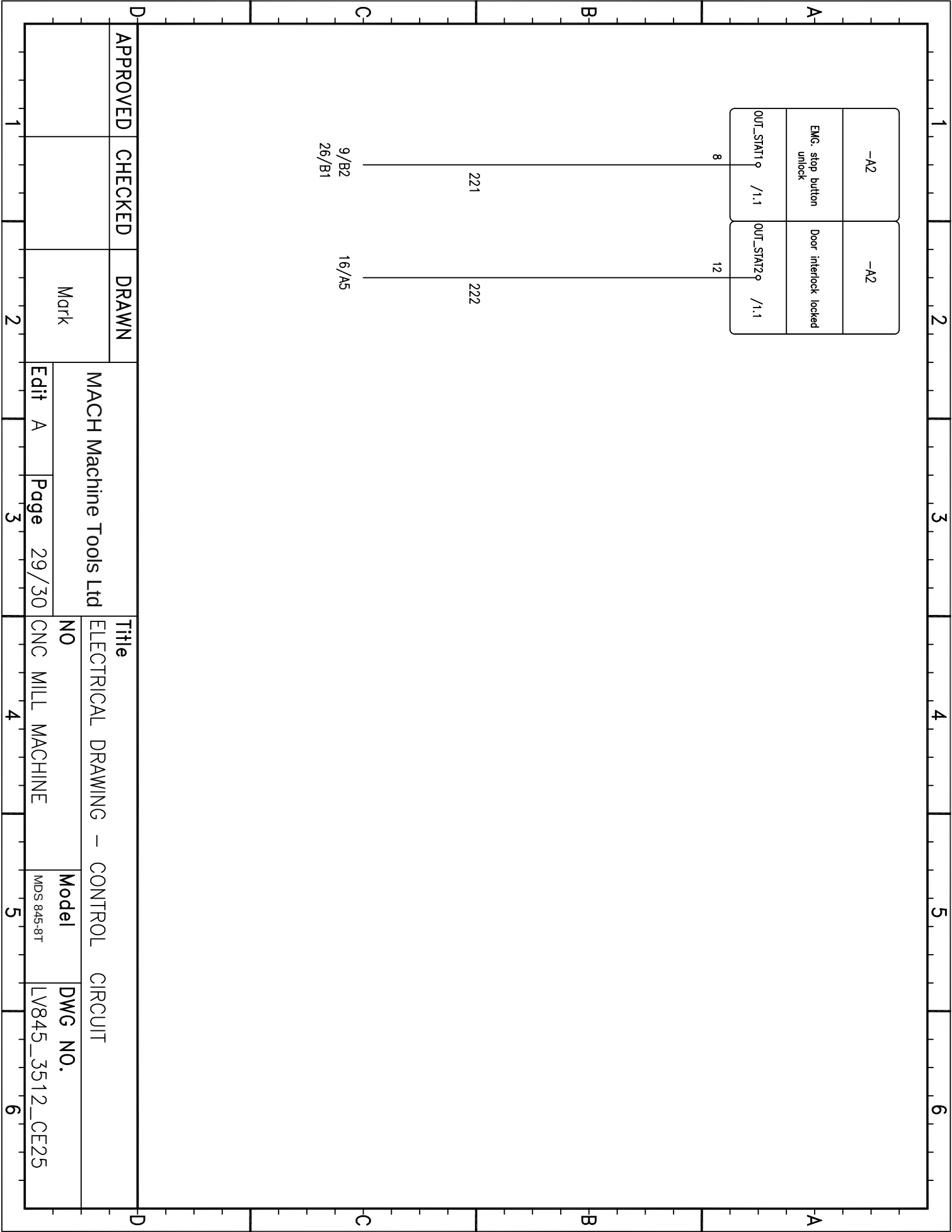
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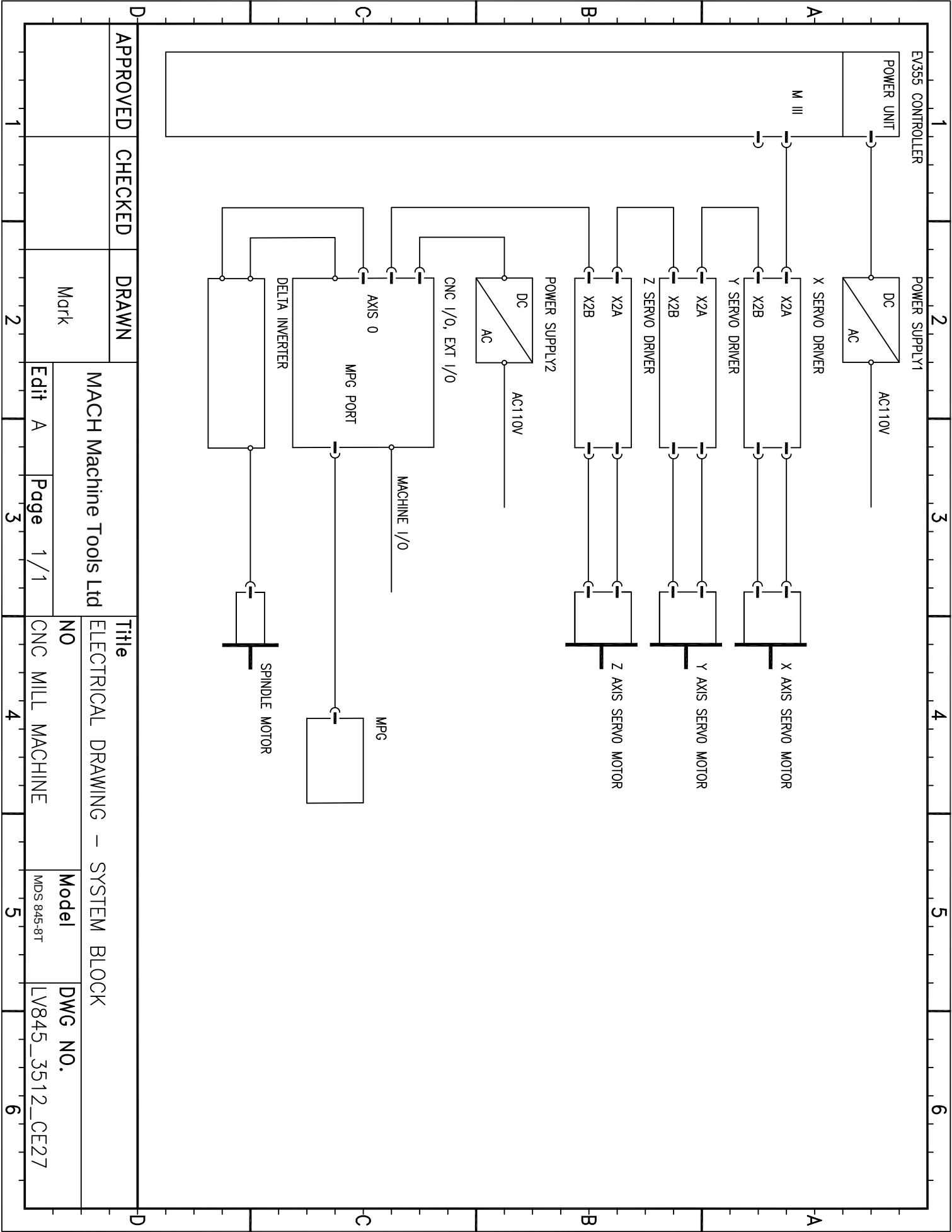
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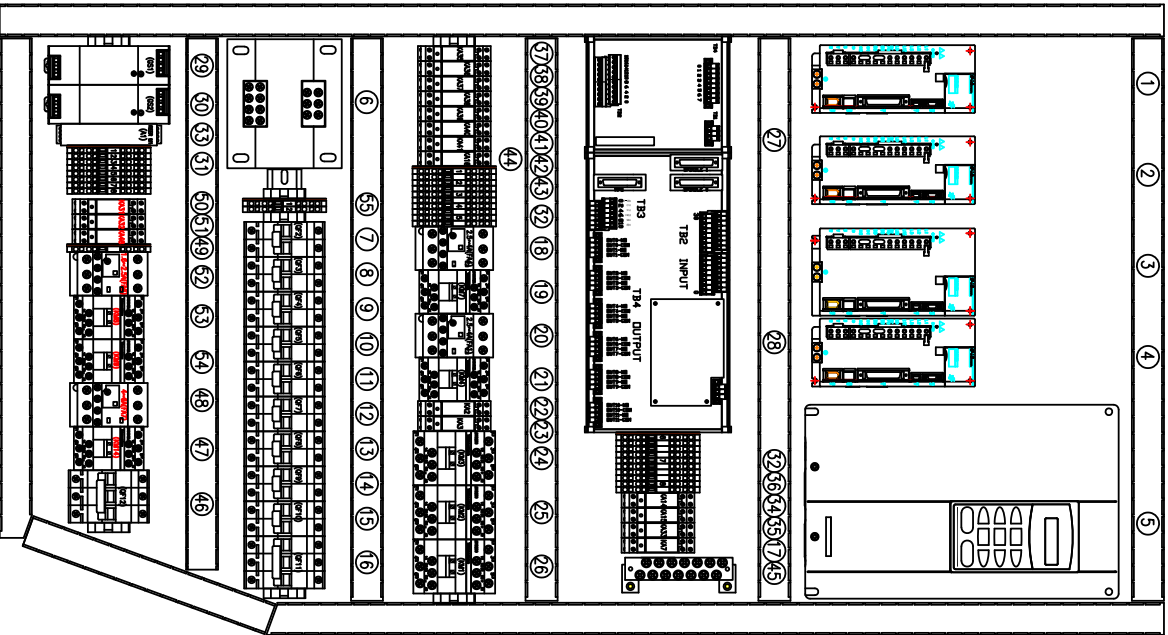
6











- | | |
|----------------------------|--|
| ① Servo Driver(-U2) | ②⑥ Magnetic contactor(-KM1) |
| ② Servo Driver(-U3) | ②⑦ Relay board(-AP2) |
| ③ Servo Driver(-U4) | ②⑧ Relay board(-AP1) |
| ④ Servo Driver(-U5) | ②⑨ Power supply for CNC controller(-GS1) |
| ⑤ Inverter(-U1) | ③⑩ Power supply for DC I/O(-GS2) |
| ⑥ Transformer(-TC2) | ③⑪ Terminal strip(-XT2) |
| ⑦ Circuit breaker(-QF2) | ③⑫ Terminal strip(-XT1) |
| ⑧ Circuit breaker(-QF3) | ③⑬ Safety module(-A2) |
| ⑨ Circuit breaker(-QF4) | ③⑭ Relay(-KA15) |
| ⑩ Circuit breaker(-QF5) | ③⑮ Relay(-KA33) |
| ⑪ Circuit breaker(-QF6) | ③⑯ Relay(-KA14) |
| ⑫ Circuit breaker(-QF7) | ③⑰ Relay(-KA35) |
| ⑬ Circuit breaker(-QF8) | ③⑱ Relay(-KA36) |
| ⑭ Circuit breaker(-QF9) | ③⑲ Relay(-KA37) |
| ⑮ Circuit breaker(-QF10) | ④⑰ Relay(-KA38) |
| ⑯ Circuit breaker(-QF11) | ④⑱ Relay(-KA39) |
| ⑰ Relay(-KA7) | ④⑲ Relay(-KA40) |
| ⑱ Overload(-FA4) | ④⑲ Relay(-KA41) |
| ⑲ Magnetic contactor(-KM7) | ④⑲ Relay(-KA18) |
| ⑲ Overload(-FA1) | ④⑲ Grounding bus(-XT3) |
| ⑲ Magnetic contactor(-KM4) | ④⑲ Circuit breaker(-QF12) |
| ⑲ Relay(-KA2) | ④⑲ Magnetic contactor(-KM14) |
| ⑲ Relay(-KA3) | ④⑲ Overload(-FA7) |
| ⑲ Magnetic contactor(-KM2) | ④⑲ Relay(-KA48) |
| ⑲ Magnetic contactor(-KM3) | ④⑲ Relay(-KA31) |
| | ④⑲ Relay(-KA32) |
| | ④⑲ Overload(-FA6) |
| | ④⑲ Magnetic contactor(-KM8) |
| | ④⑲ Magnetic contactor(-KM9) |
| | ④⑲ Terminal strip(-XT4) |

APPROVED CHECKED DRAWN

MACH Machine Tools Ltd

Title

LOCATION DIAGRAM – CABINET PANEL

Mark

Edit C Page 1/7

NO

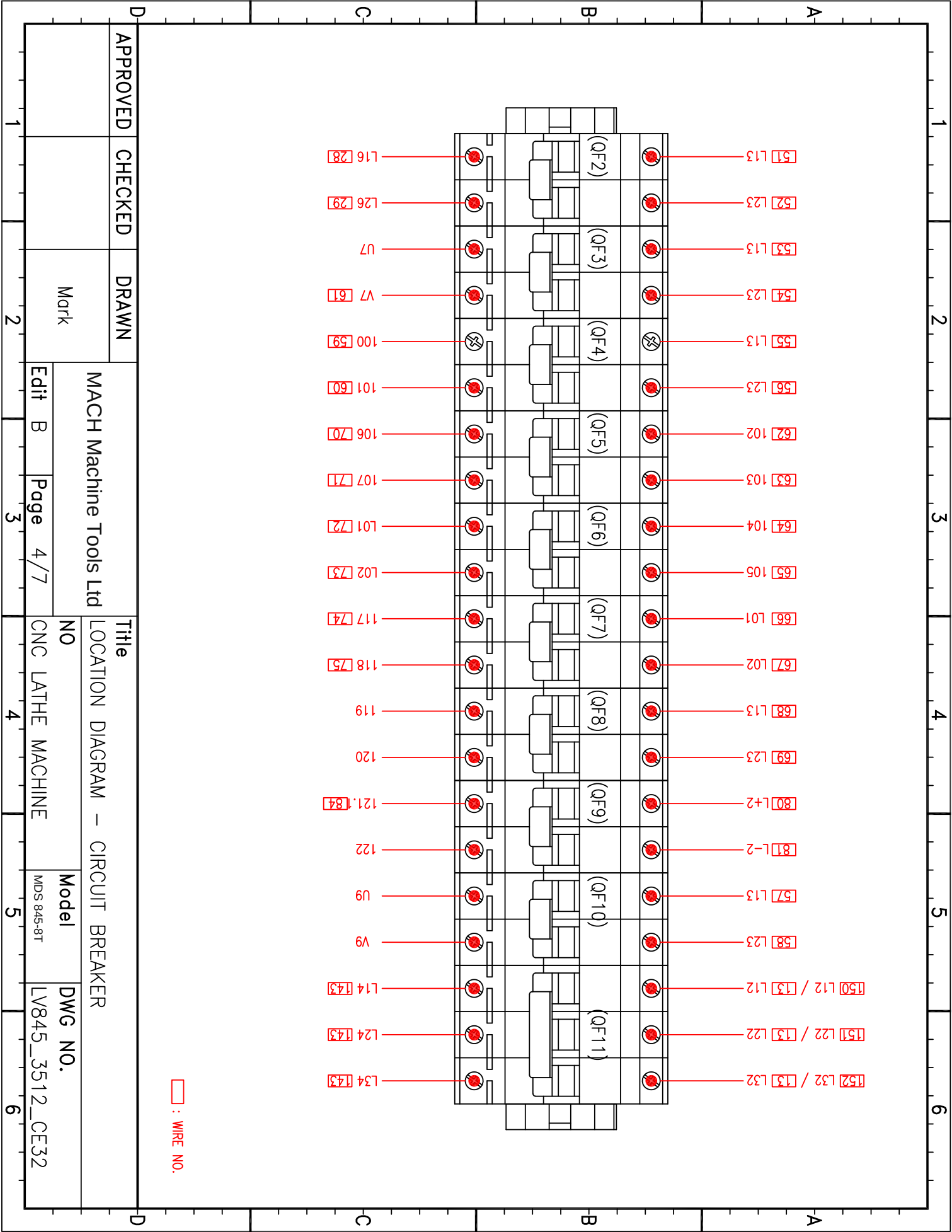
CNC MILL MACHINE

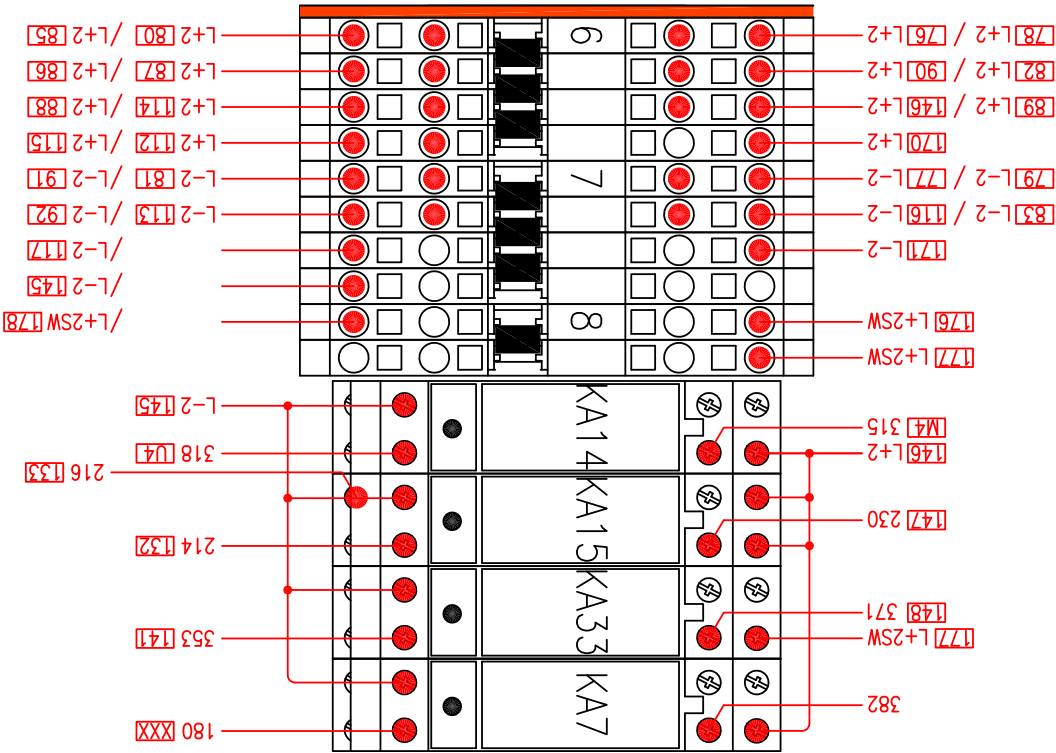
Model

MDS 845-8T

DWG NO.

LV845_3512_CE29





□ : WIRE NO.

APPROVED CHECKED DRAWN

MACH Machine Tools Ltd

Title LOCATION DIAGRAM – RELAYS& XT

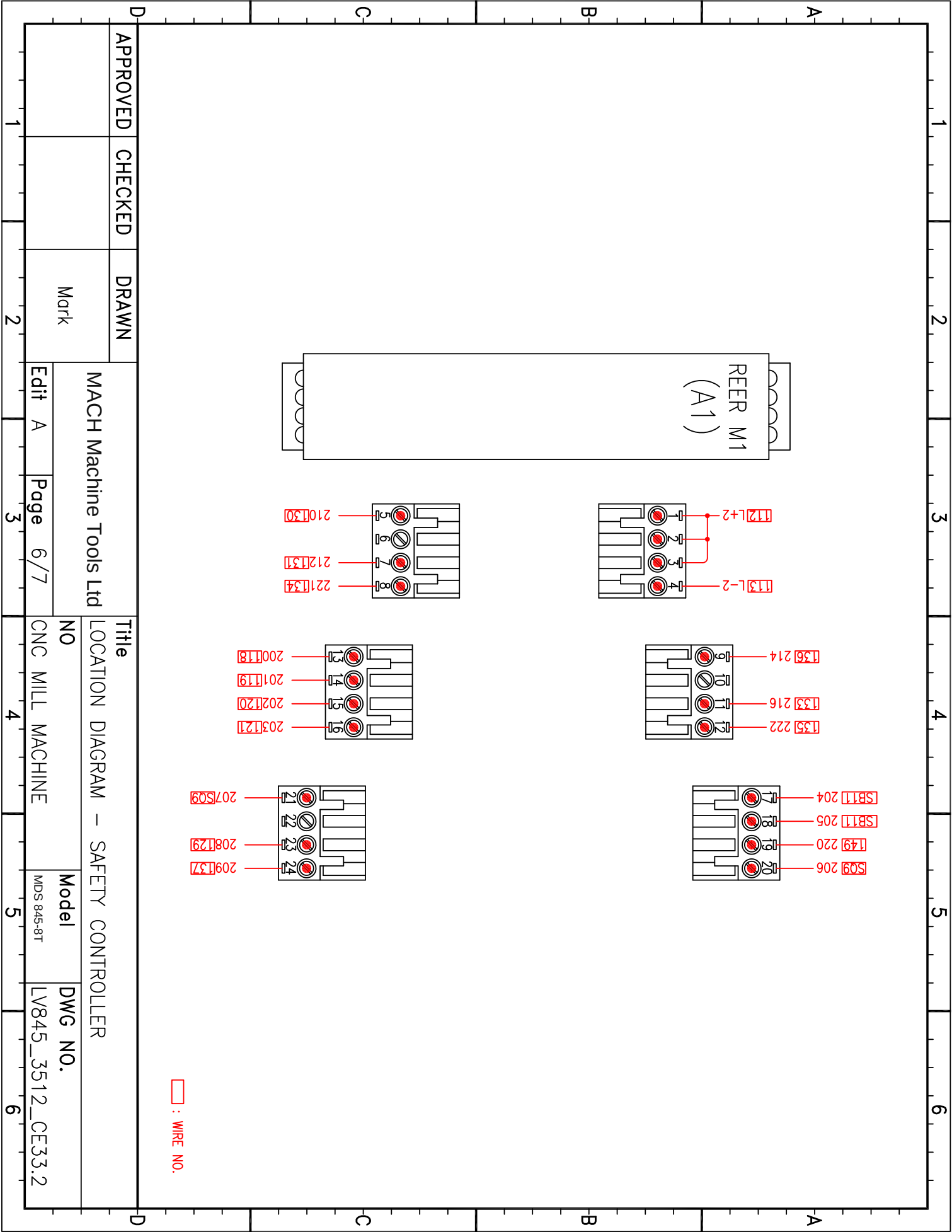
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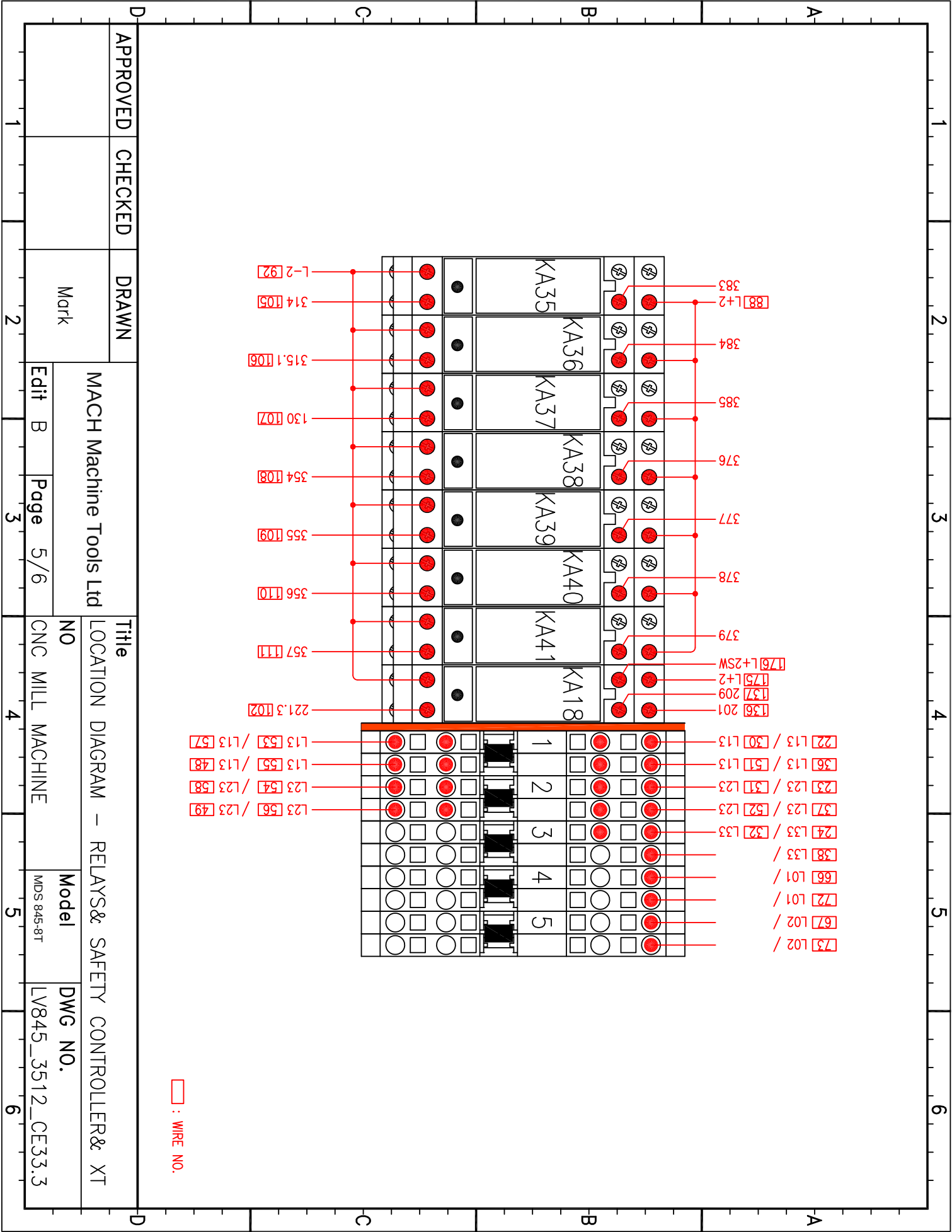
Edit A Page 6/7

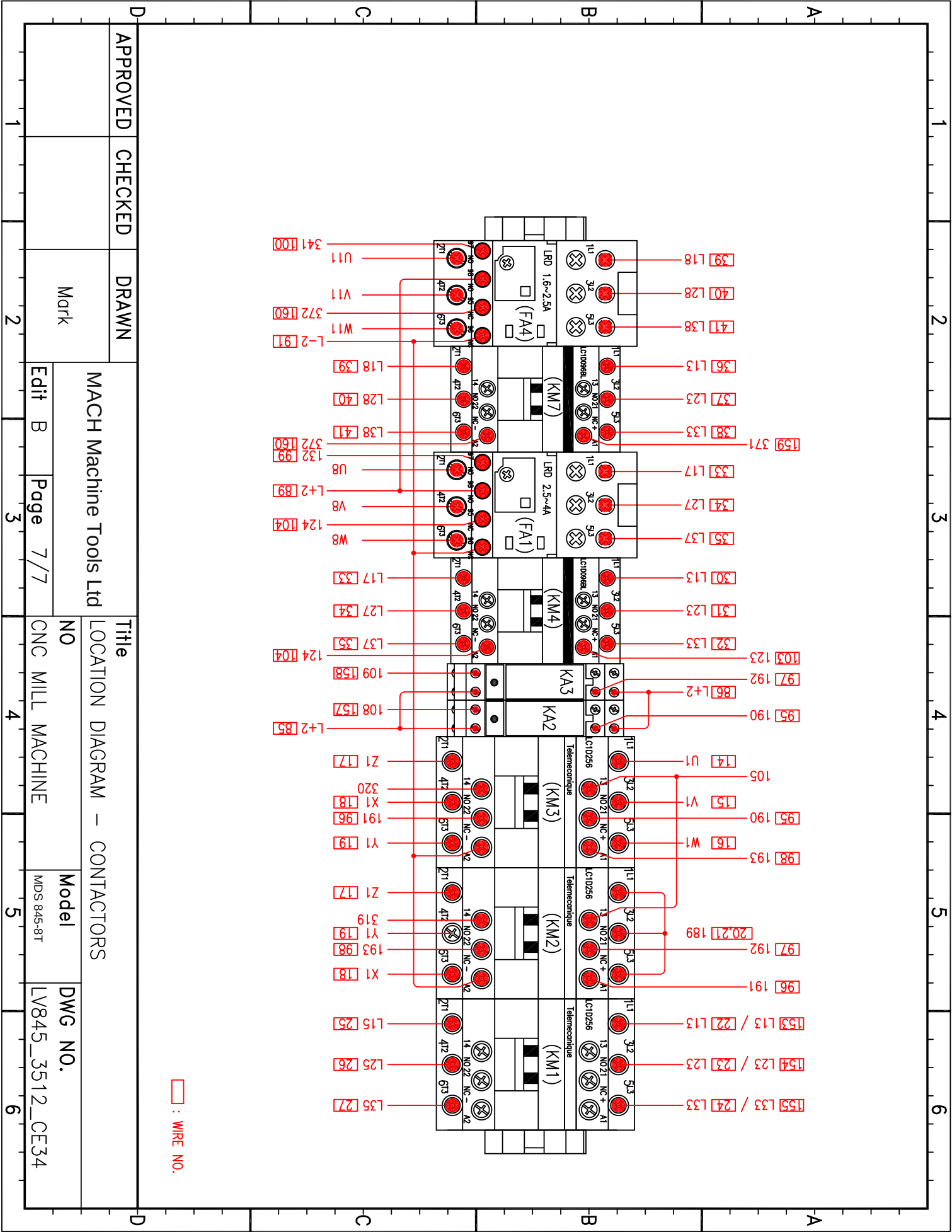
NO CNC MILL MACHINE

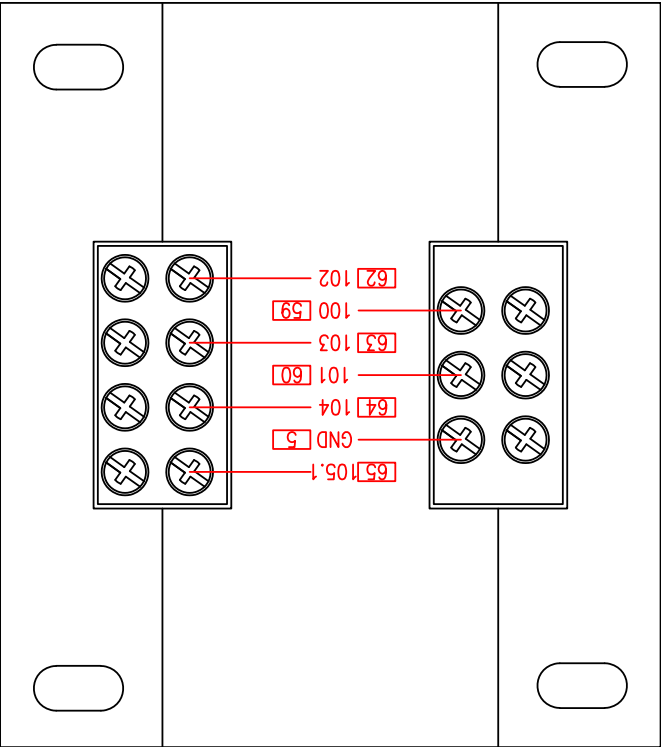
Model MDS 845-8T

DWG NO. LV845_3512_CE33.1









□ : WIRE NO.

APPROVED CHECKED DRAWN

MACH Machine Tools Ltd

Title

LOCATION DIAGRAM – TRANSFORMER(TC2)

Mark

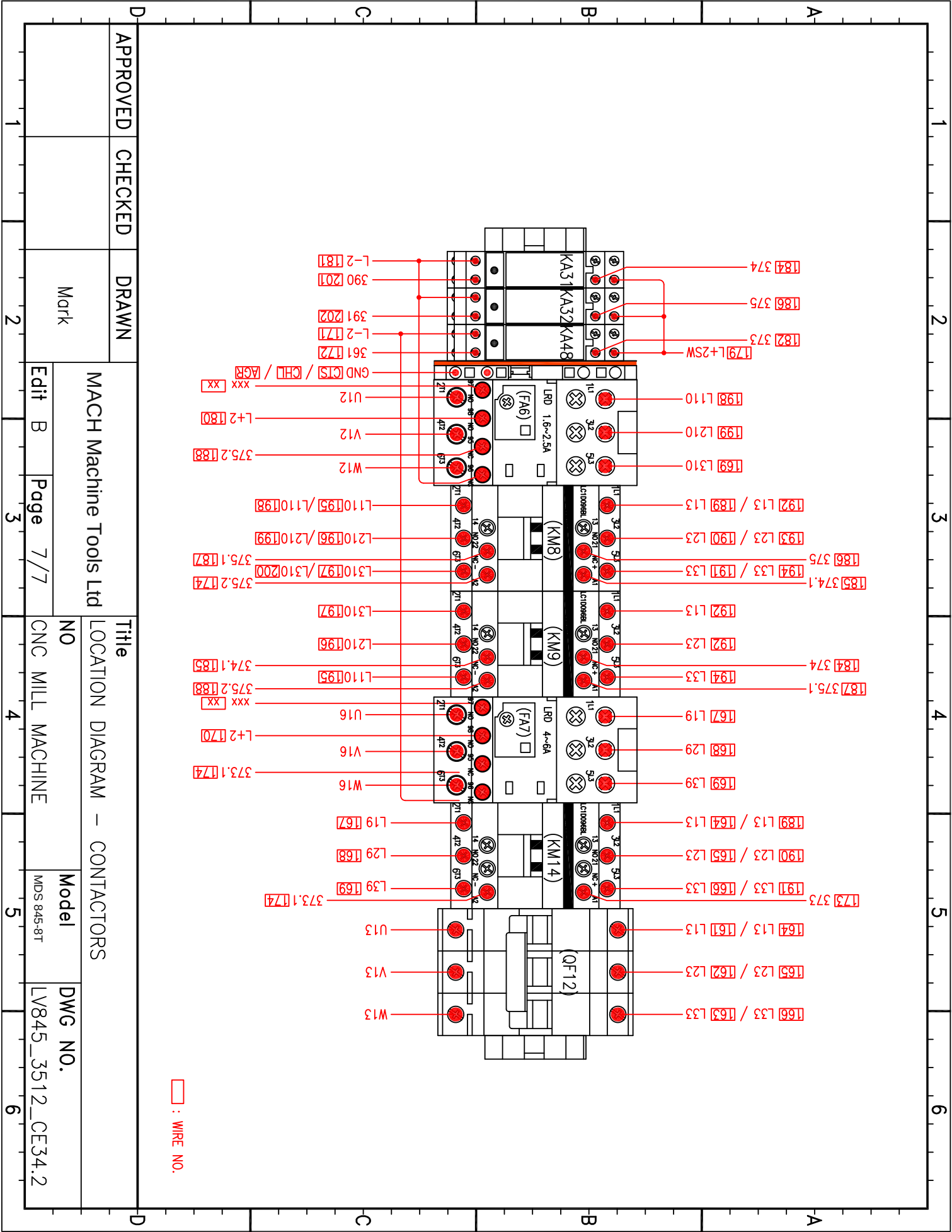
Edit B Page 7/7

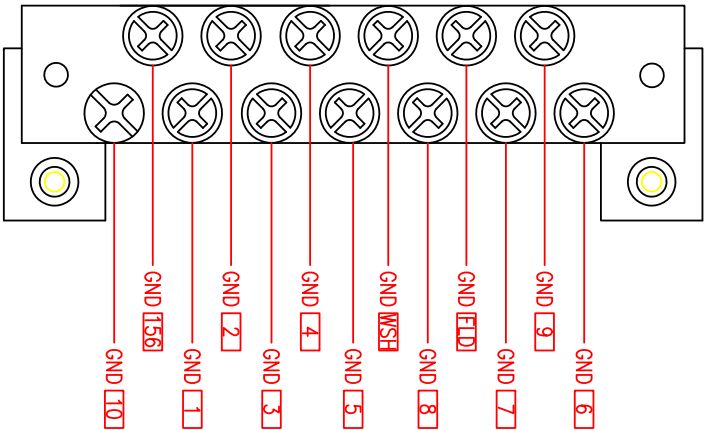
Model

MDS 845-8T

DWG NO.

LV845_3512_CE34.1





: WIRE NO.

APPROVED	CHECKED	DRAWN
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MACH Machine Tools Ltd

Title

LOCATION DIAGRAM – GROUND BLOCK

Model

MDS 845-8T

DWG NO.

LV845_3512_CE35

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Edit B

Mark



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