



Stork Technical Services (RBG) Ltd
21 - 24 Slaidburn Crescent

Southport
Merseyside, PR99YF
Phone +44 (0) 1704 215600

COOPERHEAT

Customer BL Gilbert
Plant designation Electric Furnace
Job number FFO13-021642
Commission BL Gilbert (Barrow) Ltd

Manufacturer (company) Stork Technical Services (RBG) Ltd
21 - 24 Slaidburn Crescent

Path [Projects/BL Gilbert \(BAE\)](#)
Project name 13_021642_BL Gilbert (BAE)
make Bogie Hearth Furnace
Type Electric 1 Zone
Place of installation BAE Barrow
Responsible for project PP
Part feature Manual Bogie

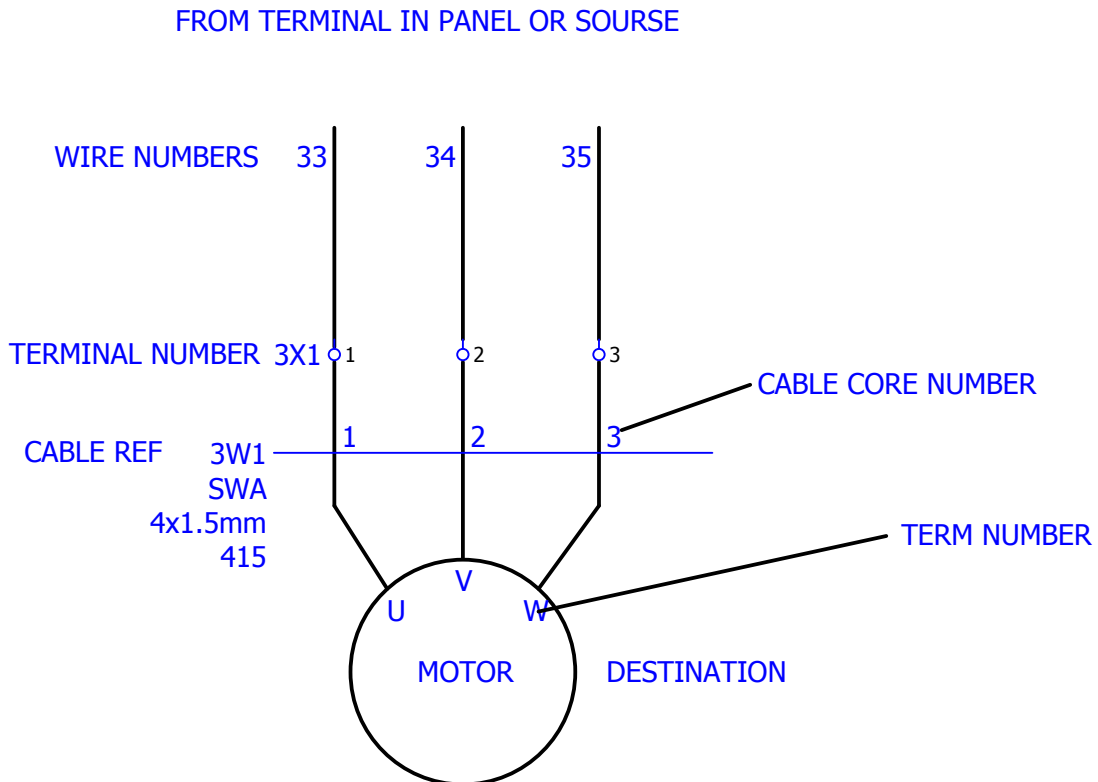
DRAWING STATUS		
ISSUE STATUS	DATE	CHECKED BY
DRAFT	8JAN15	
PRODUCTION	14JAN15	
FACTORY TESTED	15April15	

Edit date 17/04/2015 by (short name) neil.langridge

Number of pages 11

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FIELD CABLE WIRING EXAMPLE



THERE IS NO NEED TO DUPLICATE WIRE NUMBERS ON MULTICORE FIELD CABLE CORES.

IF:-

THE FIELD CABLE IS IDENTIFIED 3W1 ETC

AND THE INNER CORES ARE PRE IDENTIFIED BY EITHER A CORE NUMBER OR COLOUR

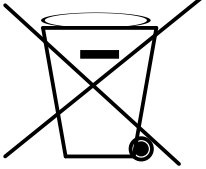
NOTE:-

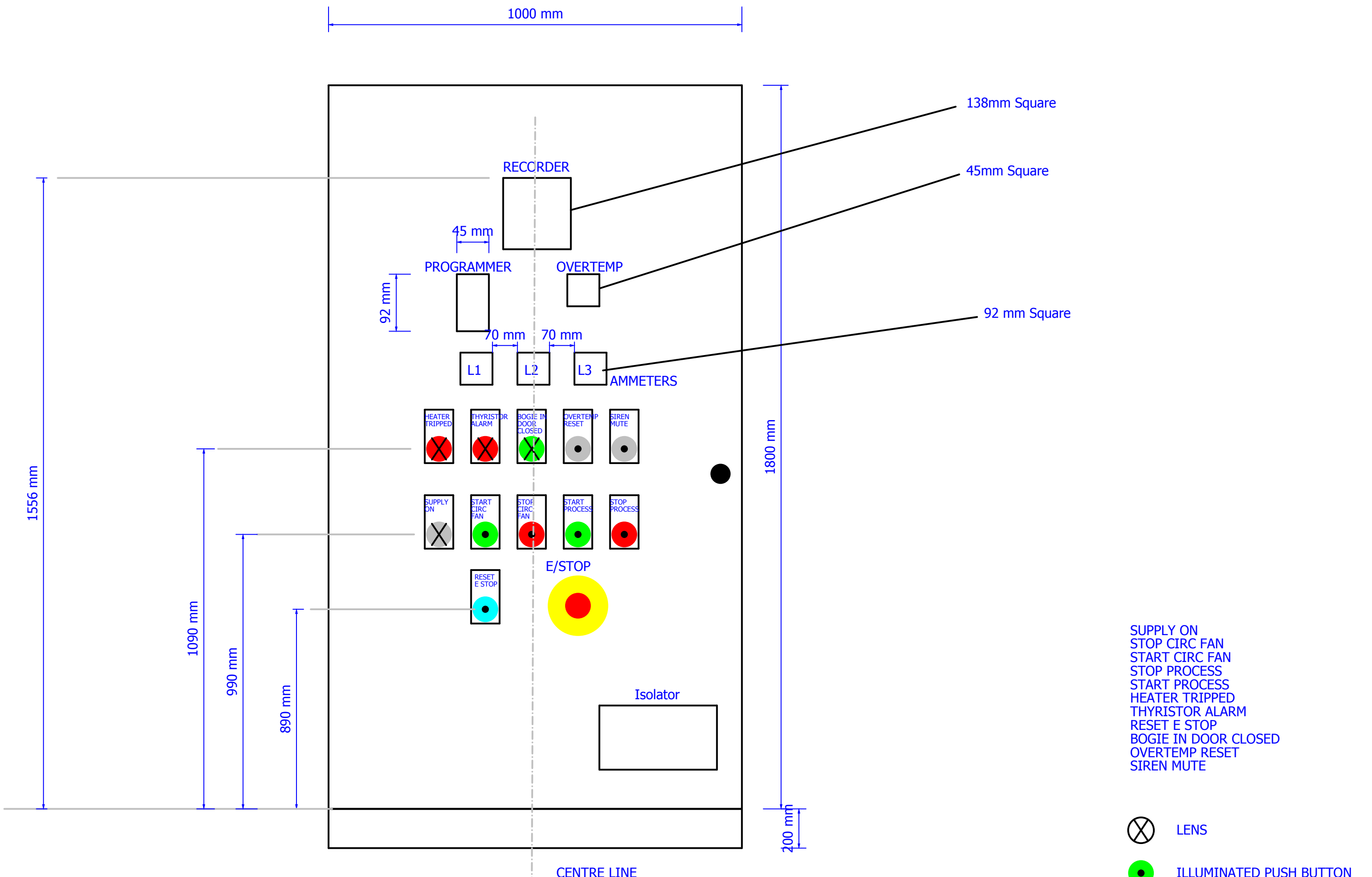
SINGLE CORE CABLES MUST HAVE WIRE NUMBERS

THE CABLE SCHEDULE SHOWS CONNECTIONS DETAILS



ALL EXTERNAL WIRING MUST BE INSTALLED INACORDANCE WITH LOCAL WIRING REGULATIONS

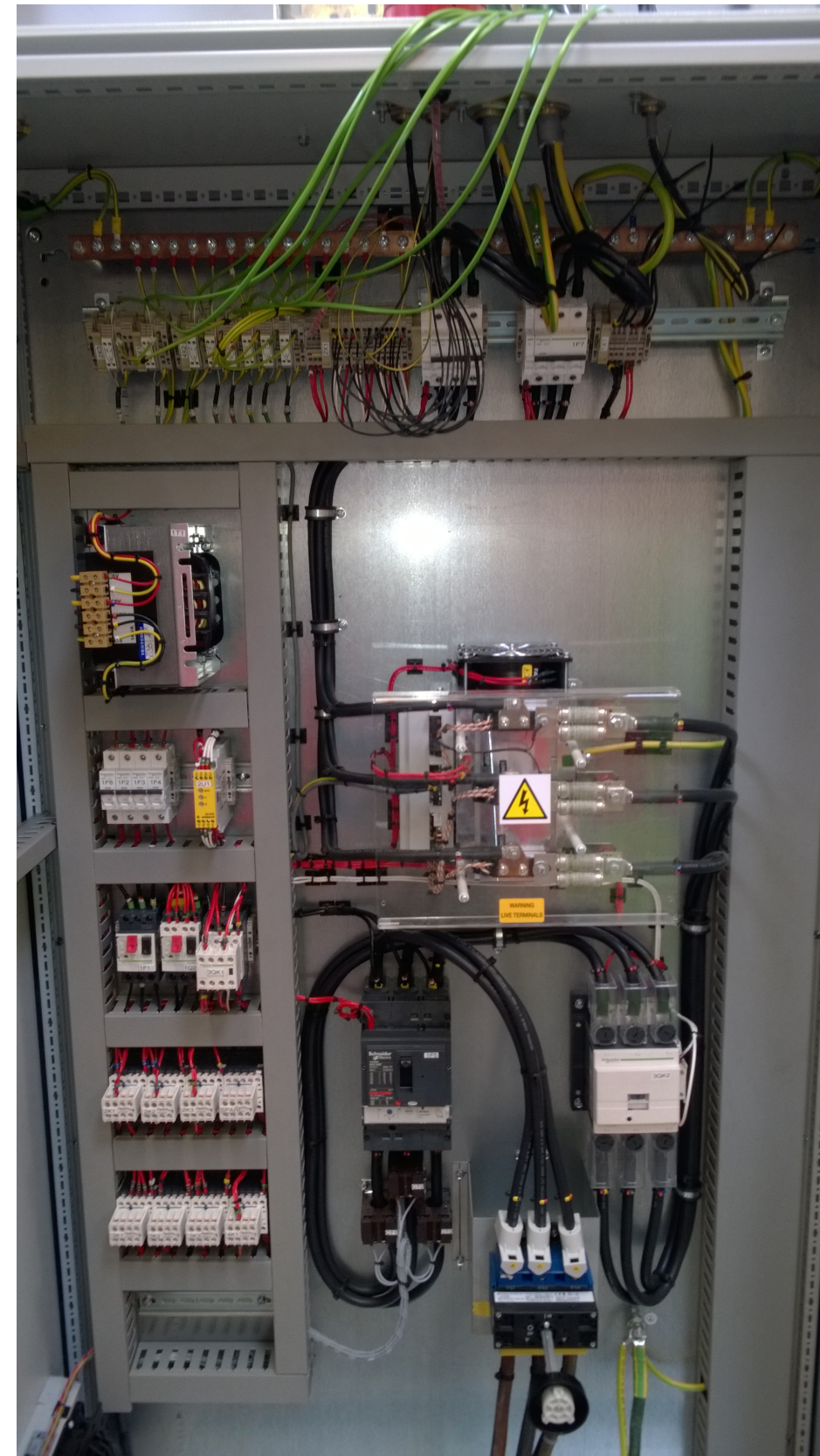
RATING PLATE

YEAR OF CONSTRUCTION	2015	SERIAL NO	FFO 13-021642	MAX PERMITTED TEMPERATURE	550 Degrees C	MAX PERMITTED CHARGE WEIGHT	1400kg
RATED ELECTRICAL POWER	67kW	ELECTRICAL SUPPLY	400V TP and Earth 50Hz	FULL LOAD CURRENT	100A	SHORT CIRCUIT RATING	6kA
Uniformity	+/- 10 Degrees C	FUEL	Electric	THERMAL RATING	60kW		CE 15



- SUPPLY ON
- STOP CIRC FAN
- START CIRC FAN
- STOP PROCESS
- START PROCESS
- HEATER TRIPPED
- THYRISTOR ALARM
- RESET E STOP
- BOGIE IN DOOR CLOSED
- OVERTEMP RESET
- SIREN MUTE

-  LENS
-  ILLUMINATED PUSH BUTTON



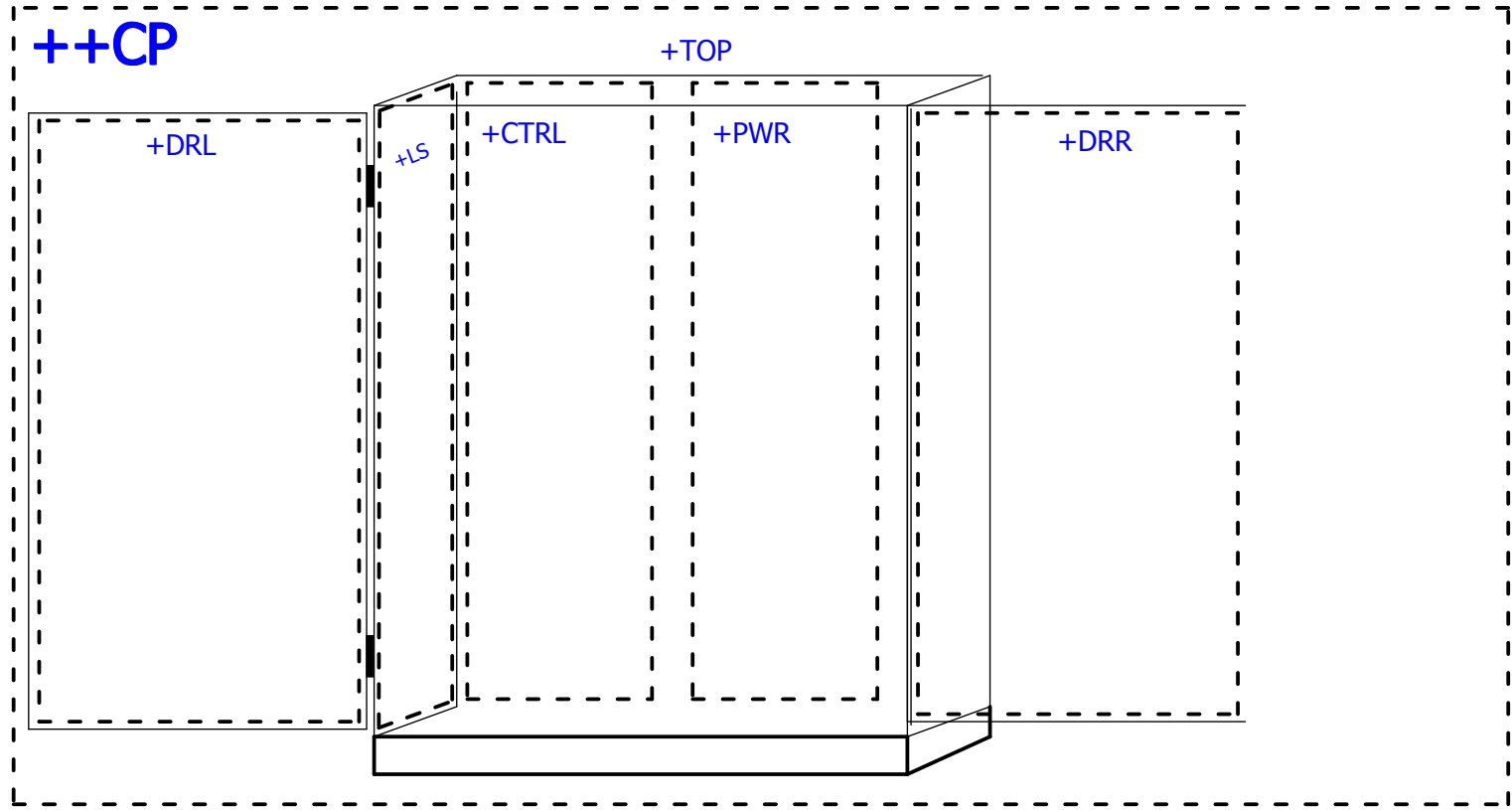
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Back Plate

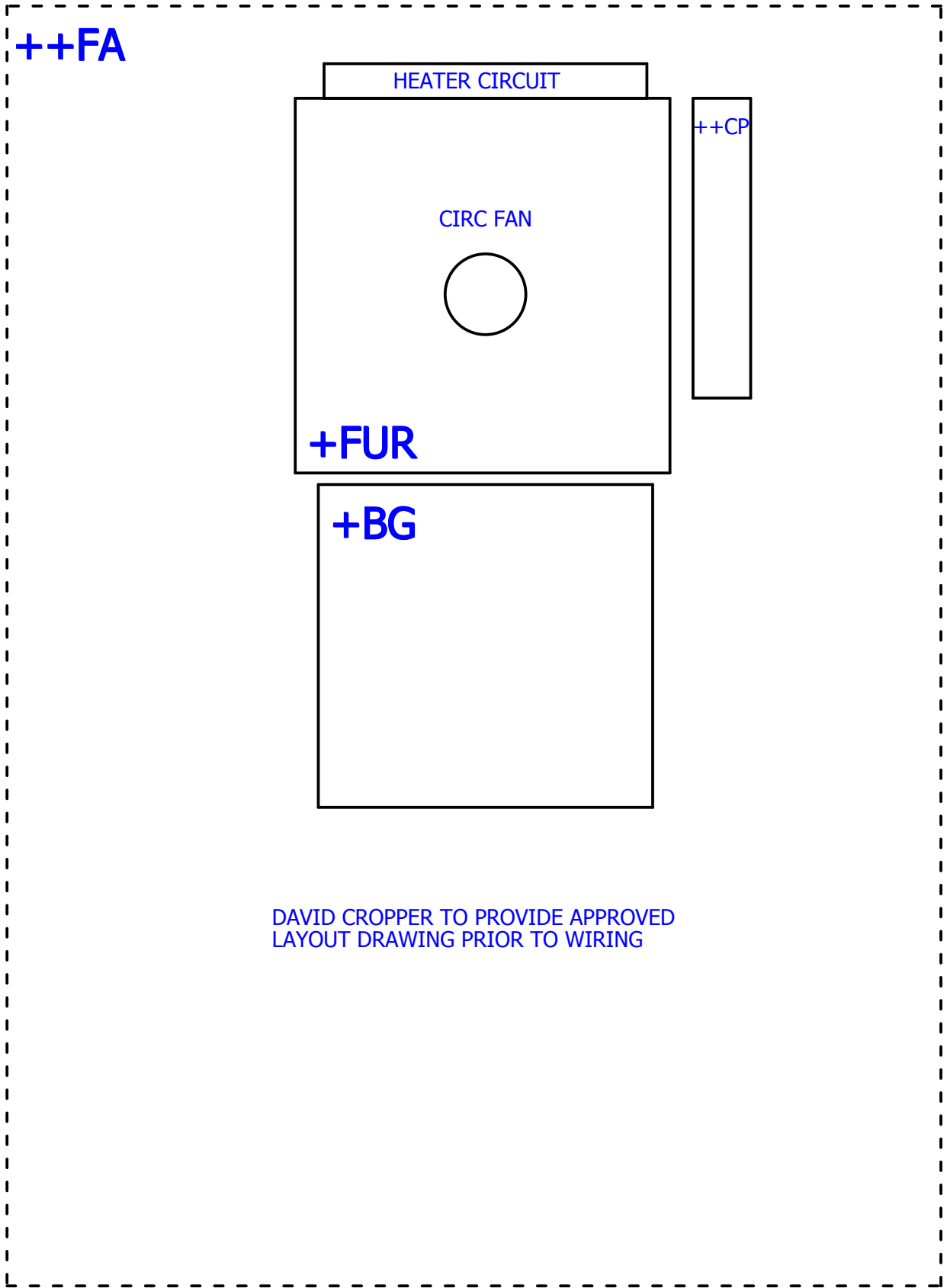
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++CP



LOCATIONS ARE APPROXIMATE

++FA



AREA & LOCATION KEY

AREA (+)

- ++ CP CONTROL PANEL
- ++ FA FURNACE AREA

LOCATION (+)

- + FUR FURNACE
- + BG BOGIE
- + LTC LOAD TC BOX 1

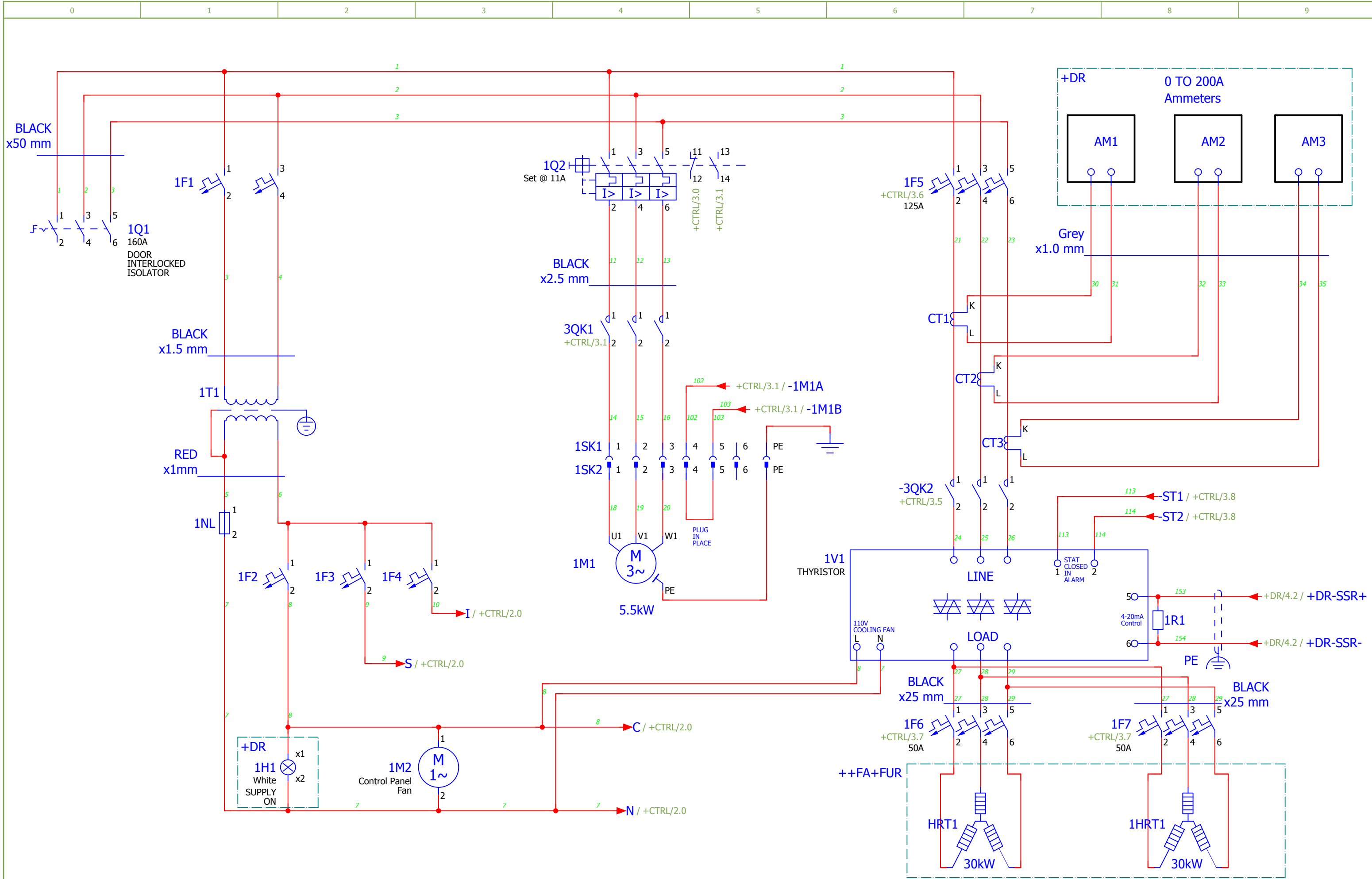
COMPONENT (-)

- CIRC FAN
- HEATER CIRCUIT 1
- BOGIE IN LIMIT SWITCH
- Door Closed LIMIT SWITCH
- OVERTEMP TC
- AIR THERMOCOUPLE
- Load TC 1 to 6

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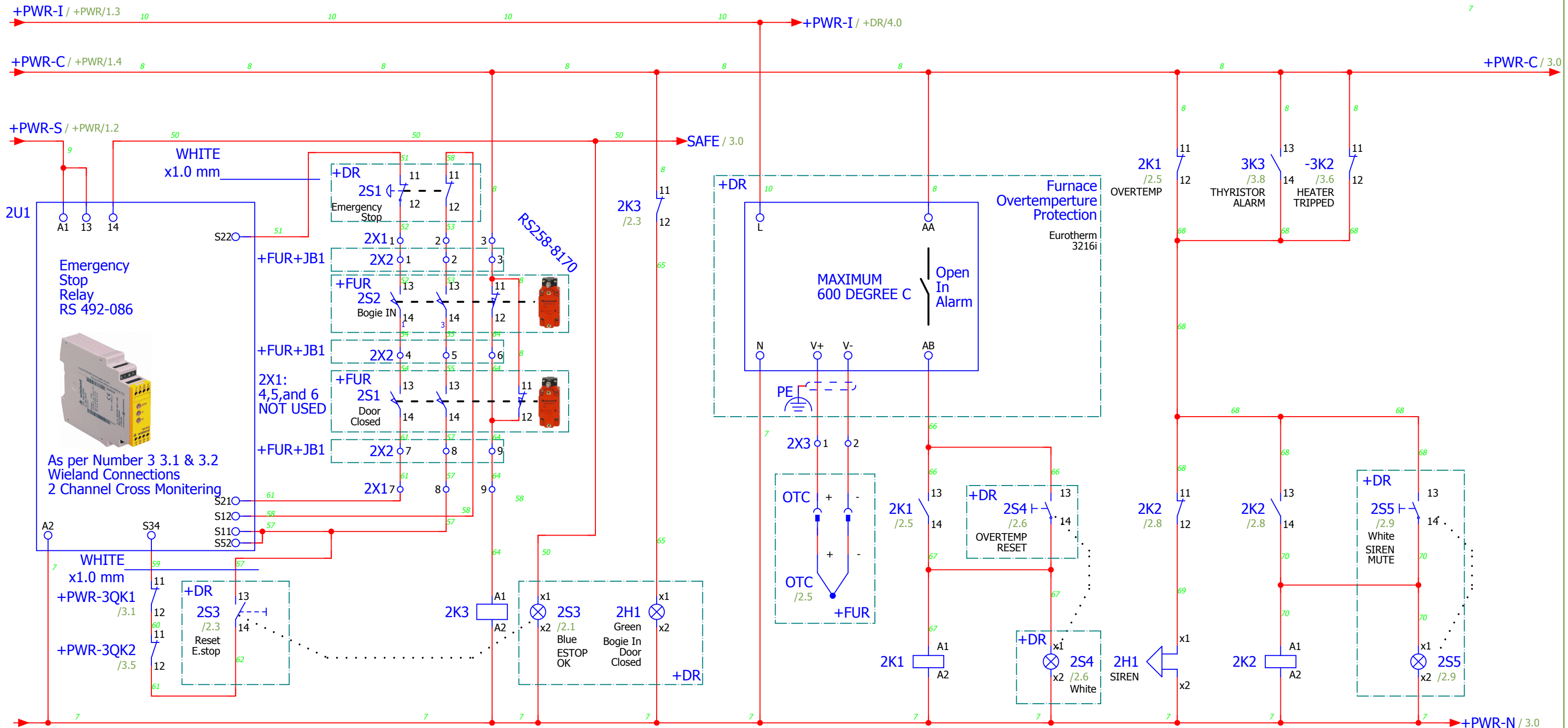


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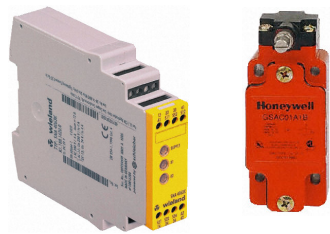
NUMBER 36 TO 49 NOT USED

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Safety Components RS 492-086 and RS258-8170 must be checked regularly and must be replaced if broken as needed, or in any case before the year 2025.



11 — 12 /2.4

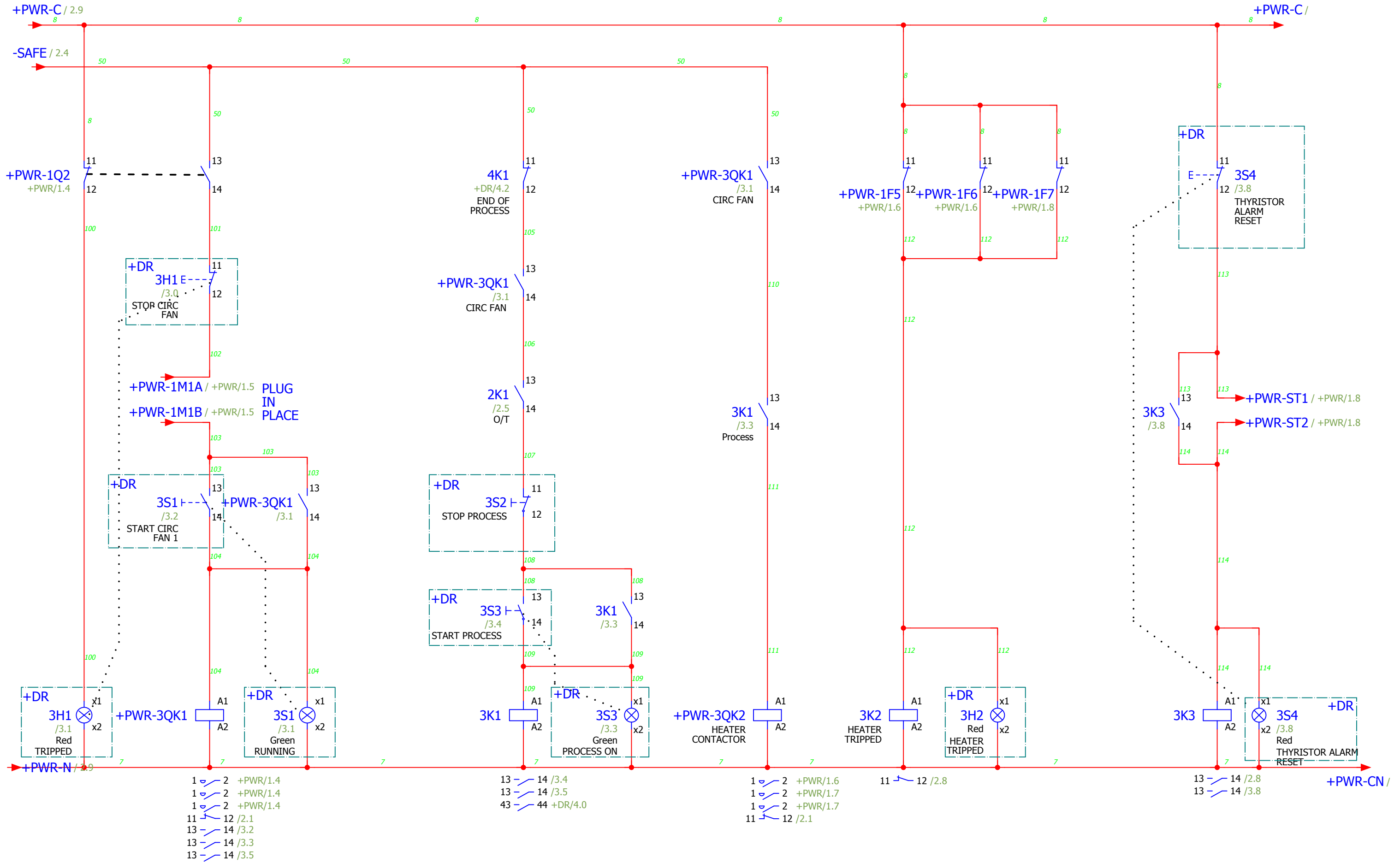
11 — 12 /2.7
13 — 14 /2.5
13 — 14 /3.3

11 — 12 /2.7
13 — 14 /2.8

+PWR/1

NUMBERS NOT USED 71 TO 99

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