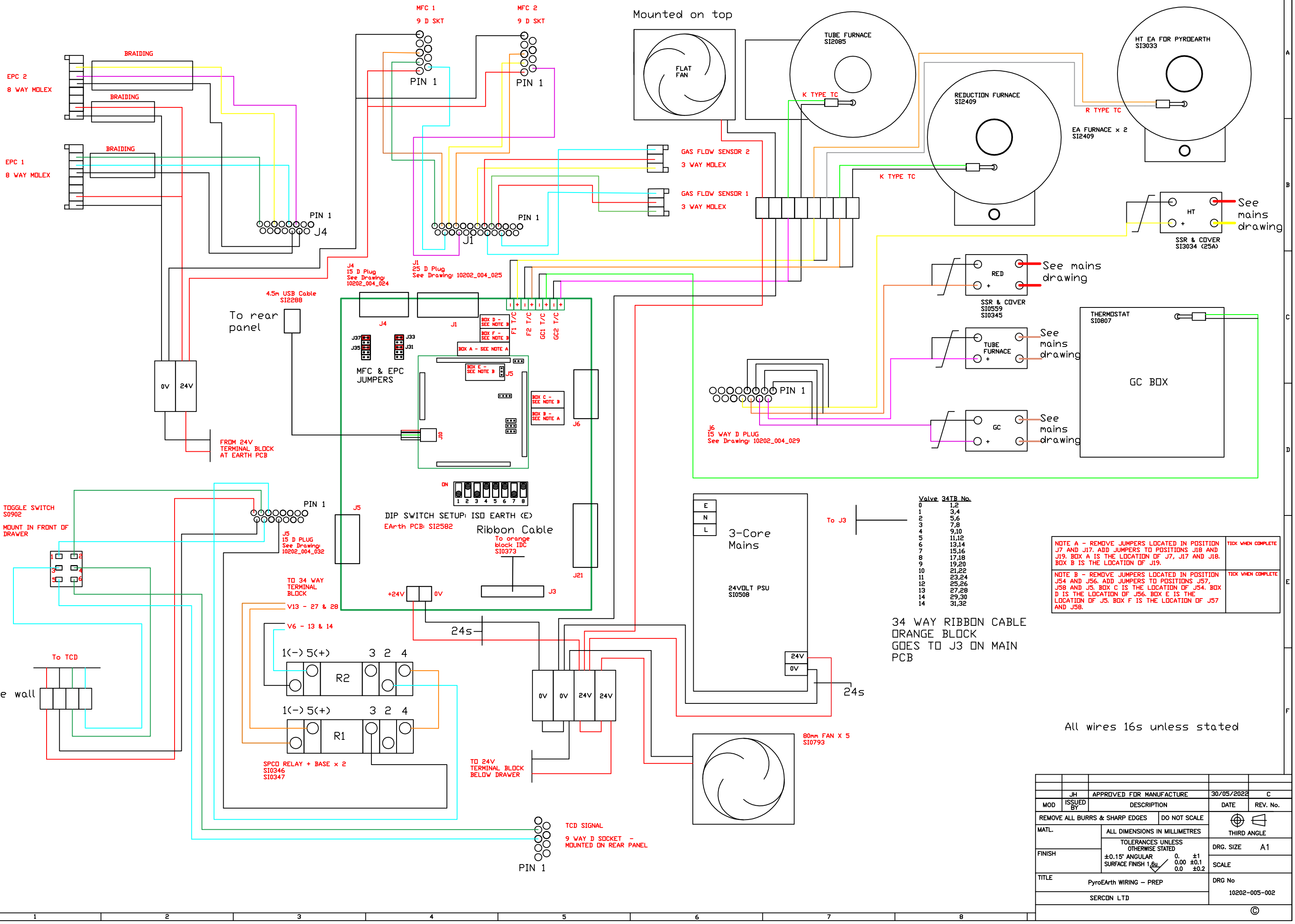

MFC 1
9 D SKT
MFC 2
9 D SKT
PIN 1
PIN 1
Mounted on top
FLAT FAN
TUBE FURNACE SI2085
K TYPE TC
REDUCTION FURNACE SI2409
K TYPE TC
R TYPE TC
HT EA FOR PYROEARTH SI3033
EA FURNACE x 2 SI2409
BRAIDING
EPC 2
8 WAY MOLEX
BRAIDING
BRAIDING
EPC 1
8 WAY MOLEX
PIN 1
J4
PIN 1
J1
GAS FLOW SENSOR 2
3 WAY MOLEX
GAS FLOW SENSOR 1
3 WAY MOLEX
HT
See mains drawing
SSR & COVER SI3034 (25A)
J4
15 D Plug
See Drawing: 10202_004_024
J1
25 D Plug
See Drawing: 10202_004_025
4.5m USB Cable SI2288
To rear panel
F1 T/C
F2 T/C
GC1 T/C
GC2 T/C
RED
See mains drawing
SSR & COVER SI0559 SI0345
THERMOSTAT SI0807
TUBE FURNACE
See mains drawing
GC BOX
J37
J35
J33
J31
MFC & EPC JUMPERS
BOX D - SEE NOTE B
BOX F - SEE NOTE B
BOX A - SEE NOTE A
BOX E - SEE NOTE B
J5
BOX C - SEE NOTE B
BOX B - SEE NOTE A
J6
J10
PIN 1
J6
15 WAY D PLUG
See Drawing: 10202_004_029
GC
See mains drawing
0V
24V
FROM 24V TERMINAL BLOCK AT EARTH PCB
ON
1 2 3 4 5 6 7 8
DIP SWITCH SETUP: ISO EARTH (E)
EArth PCB: SI2582
Ribbon Cable
To orange block IDC SI0373
J3
J21
J5
TOGGLE SWITCH S0902
MOUNT IN FRONT OF DRAWER
PIN 1
J5
15 D PLUG
See Drawing: 10202_004_032
TO 34 WAY TERMINAL BLOCK
V13 - 27 & 28
V6 - 13 & 14
+24V
0V
24s
E
N
L
3-Core Mains
24VOLT PSU SI0508
24V
0V
24s
To J3
Valve 34TB No.
0 1,2
1 3,4
2 5,6
3 7,8
4 9,10
5 11,12
6 13,14
7 15,16
8 17,18
9 19,20
10 21,22
11 23,24
12 25,26
13 27,28
14 29,30
14 31,32
34 WAY RIBBON CABLE ORANGE BLOCK GOES TO J3 ON MAIN PCB
NOTE A - REMOVE JUMPERS LOCATED IN POSITION J7 AND J17. ADD JUMPERS TO POSITIONS J18 AND J19. BOX A IS THE LOCATION OF J7, J17 AND J18. BOX B IS THE LOCATION OF J19.
TICK WHEN COMPLETE
NOTE B - REMOVE JUMPERS LOCATED IN POSITION J54 AND J56. ADD JUMPERS TO POSITIONS J57, J58 AND J5. BOX C IS THE LOCATION OF J54. BOX D IS THE LOCATION OF J56. BOX E IS THE LOCATION OF J5. BOX F IS THE LOCATION OF J57 AND J58.
TICK WHEN COMPLETE
To TCD
Side wall TB
1(-) 5(+) 3 2 4
R2
1(-) 5(+) 3 2 4
R1
SPCO RELAY + BASE x 2
SI0346
SI0347
0V 0V 24V 24V
TO 24V TERMINAL BLOCK BELOW DRAWER
80mm FAN X 5
SI0793
All wires 16s unless stated
TCD SIGNAL
9 WAY D SOCKET - MOUNTED ON REAR PANEL
PIN 1
JH
APPROVED FOR MANUFACTURE
30/05/2022
C
MOD
ISSUED BY
DESCRIPTION
DATE
REV. No.
REMOVE ALL BURRS & SHARP EDGES
DO NOT SCALE
THIRD ANGLE
MATL.
ALL DIMENSIONS IN MILLIMETRES
TOLERANCES UNLESS OTHERWISE STATED
±0.15" ANGULAR
SURFACE FINISH 1.6u
0. ±1
0.00 ±0.1
0.0 ±0.2
FINISH
DRG. SIZE A1
SCALE
TITLE
PyroEArth WIRING – PREP
DRG No
10202-005-002
SERCON LTD
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