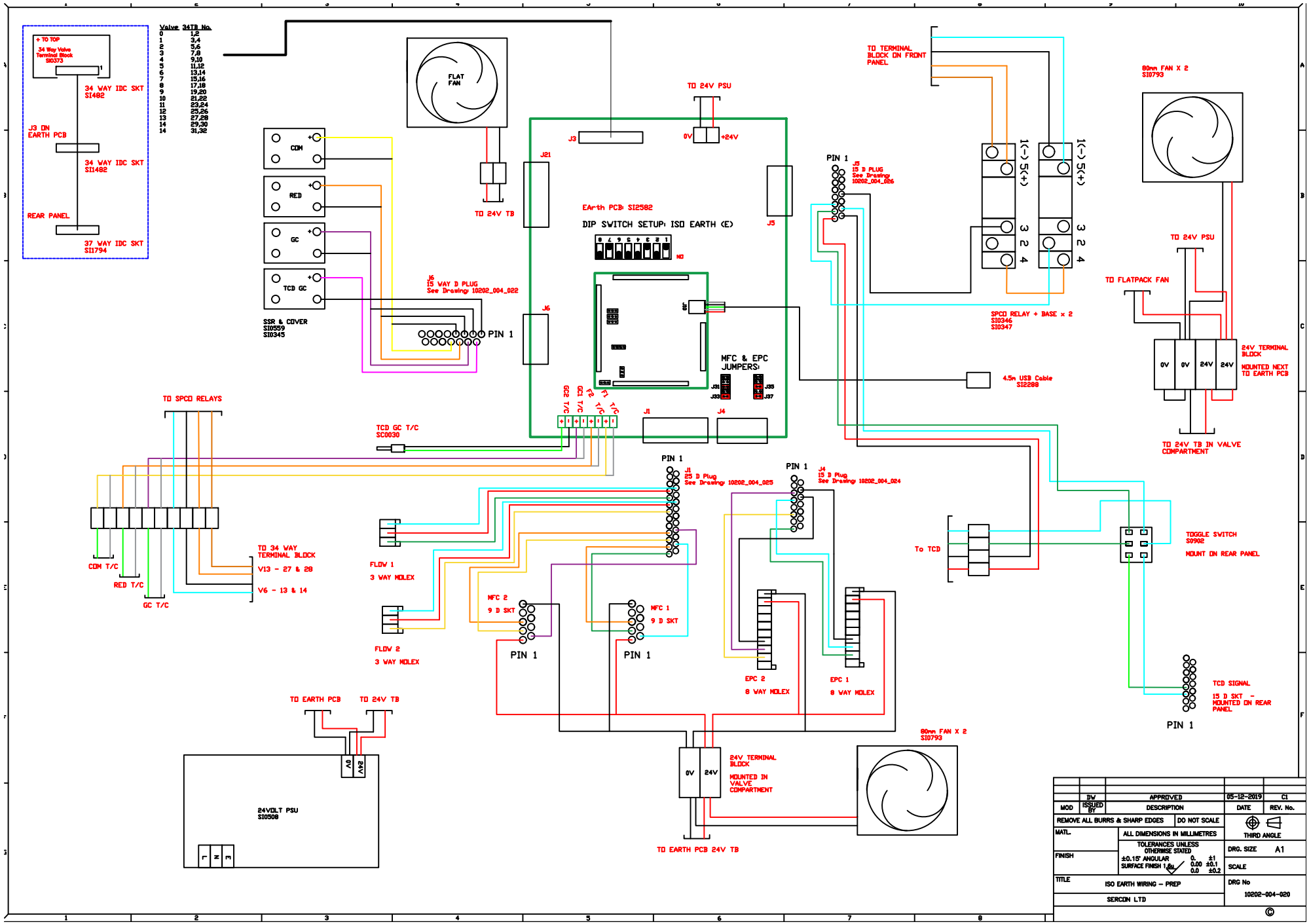

+ TO TOP
34 Way Valve Terminal Block SI0373
34 WAY IDC SKT SI1482
J3 ON EARTH PCB
34 WAY IDC SKT SI1482
REAR PANEL
37 WAY IDC SKT SI1794
Valve 34TB No.
0 1,2
1 3,4
2 5,6
3 7,8
4 9,10
5 11,12
6 13,14
7 15,16
8 17,18
9 19,20
10 21,22
11 23,24
12 25,26
13 27,28
14 29,30
14 31,32
FLAT FAN
TO 24V TB
TO 24V PSU
0V
+24V
J3
J21
J5
J6
EArth PCB: SI2582
DIP SWITCH SETUP: ISO EARTH (E)
NO
COM
RED
GC
TCD GC
SSR & COVER SI0559 SI0345
J6 15 WAY D PLUG See Drawing 10202_004_022
PIN 1
MFC & EPC JUMPERS:
J33 J35 J37
GC2 T/C
GC1 T/C
F2 T/C
F1 T/C
J1
J4
TO SPCO RELAYS
TCD GC T/C SC0030
COM T/C
RED T/C
GC T/C
TO 34 WAY TERMINAL BLOCK
V13 - 27 & 28
V6 - 13 & 14
J1 25 D Plug See Drawing 10202_004_025
J4 15 D Plug See Drawing 10202_004_024
FLOW 1
3 WAY MOLEX
FLOW 2
3 WAY MOLEX
MFC 2
9 D SKT
MFC 1
9 D SKT
EPC 2
8 WAY MOLEX
EPC 1
8 WAY MOLEX
TO TERMINAL BLOCK ON FRONT PANEL
J5 15 D PLUG See Drawing 10202_004_026
1(-) 5(+)
3 2 4
SPCO RELAY + BASE x 2
SI0346
SI0347
4.5m USB Cable SI2288
To TCD
TOGGLE SWITCH S0902
MOUNT ON REAR PANEL
TCD SIGNAL
15 D SKT - MOUNTED ON REAR PANEL
80mm FAN X 2 SI0793
TO 24V PSU
TO FLATPACK FAN
0V 0V 24V 24V
24V TERMINAL BLOCK
MOUNTED NEXT TO EARTH PCB
TO 24V TB IN VALVE COMPARTMENT
TO EARTH PCB
TO 24V TB
24VOLT PSU SI0508
0V 24V
24V TERMINAL BLOCK
MOUNTED IN VALVE COMPARTMENT
80mm FAN X 2 SI0793
TO EARTH PCB 24V TB
DV APPROVED 05-12-2019 C1
MOD ISSUED BY DESCRIPTION DATE REV. No.
REMOVE ALL BURRS & SHARP EDGES
DO NOT SCALE
THIRD ANGLE
MATL.
ALL DIMENSIONS IN MILLIMETRES
FINISH
TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR
SURFACE FINISH 1.6µ
0. ±1
0.00 ±0.1
0.0 ±0.2
DRG. SIZE A1
SCALE
TITLE
ISO EARTH WIRING – PREP
SERCON LTD
DRG No
10202-004-020
©