

FID1
● FID-ROUND
FID2
● FID-ROUND

Pico Module Interface

FILE PicoModuleInterface.SchDoc

VARIANT [No Variations]

PROJECT Beam Break Fix - Foraging Feeder

REVISION *

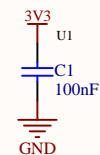
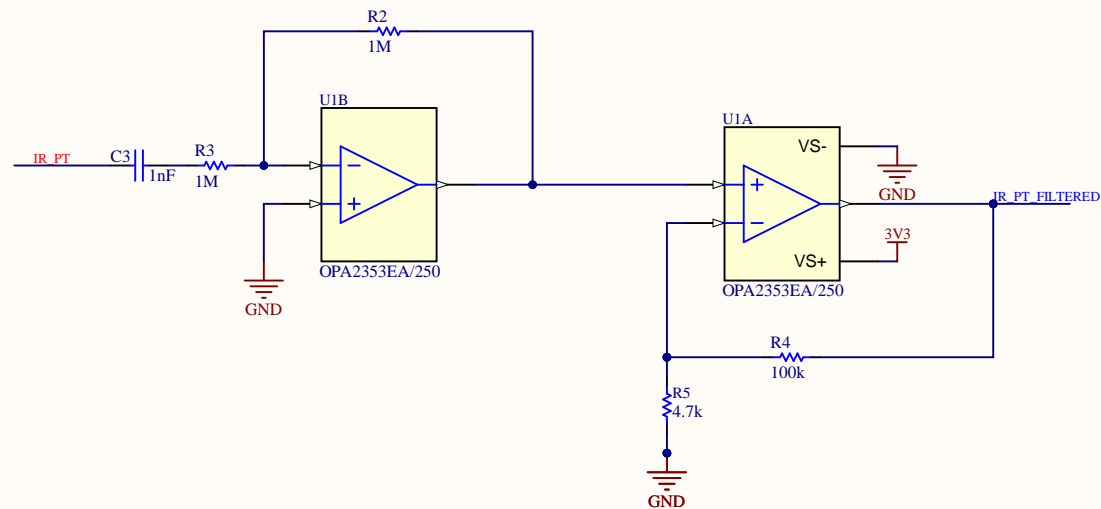
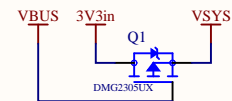
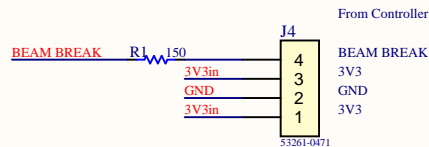
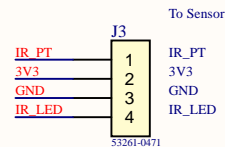
DATE 03/11/2023 SHEET 1/2

SIZE A4

FabLab
Sainsbury Wellcome Centre
25 Howland Street W1T 4JG
London
www.sainsburywellcome.org



Sainsbury Wellcome Centre



Beam Break Fix

FILE BeamBreakFix.SchDoc

REVISION 1

VARIANT [No Variations]

DATE 03/11/2023

SHEET 2/2

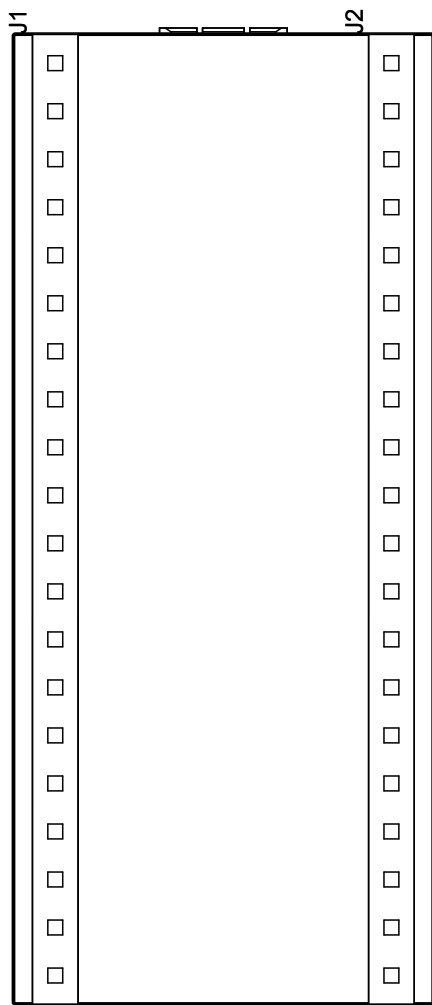
PROJECT Beam Break Fix - Foraging Feeder

SIZE A4

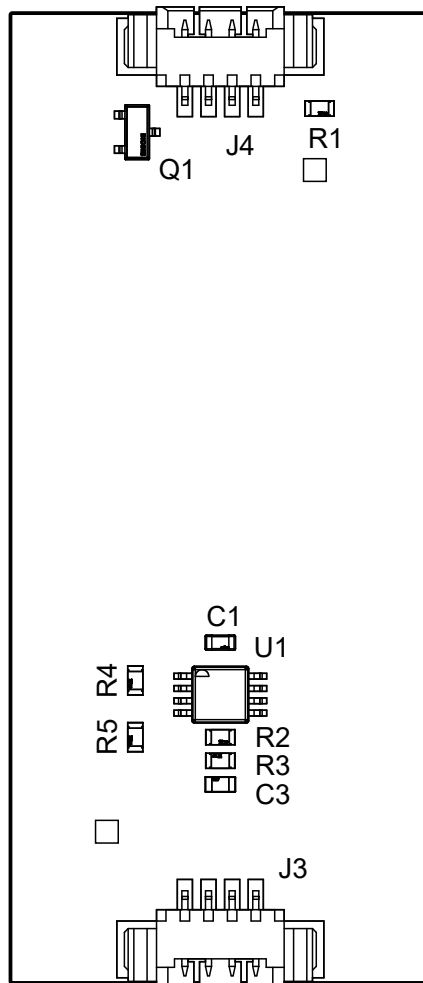


Sainsbury Wellcome Centre

Top side



Bottom side



Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1	C0603-100nF-100V-10%-X7R	1
2	C3	C0603-1nF-50V-1%-C0G	1
3	J1	SSW-120-01-x-S	1
4	J2	SSW-120-01-x-S - 21-40	1
5	J3, J4	53261-0471	2
6	Q1	DMG2305UX-7	1
7	R1	R0603-150R-1/16W-0.1%	1
8	R2, R3	R0603-1M-1/16W-0.1%	2
9	R4	R0603-100k-1/16W-0.1%	1
10	R5	R0603-4k7-1/16W-0.1%	1
11	U1	OPA2353EA/250	1

Beam Break Fix

VARIANT [No Variations]

FILE Assembly.PCBDwf

APPR *

PROJECT Beam Break - Foraging Feeder Fix

REVISION 1

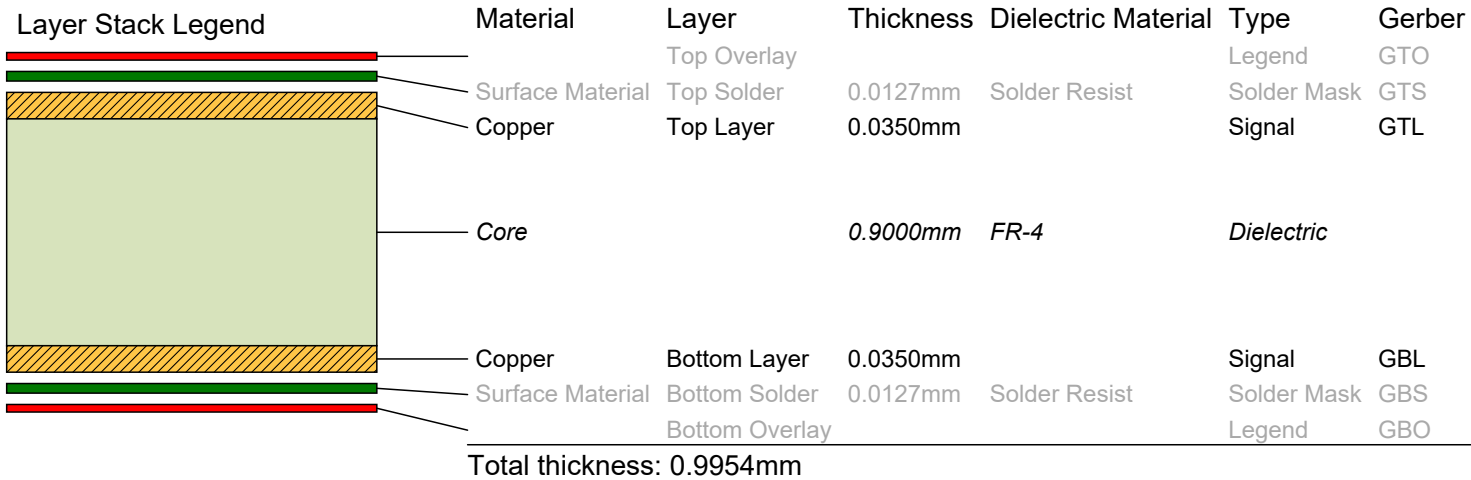
SHEET 1 / 1

SIZE A4

SCALE 5:2

FabLab
Sainsbury Wellcome Centre
25 Howland Street
London
W1T 4JG
www.sainsburywellcome.org





Beam Break Fix

VARIANT [No Variations]

FILE Fabrication.PCBDwf

APPR *

PROJECT Beam Break - Foraging Feeder Fix

REVISION 1

SHEET 1 / 2

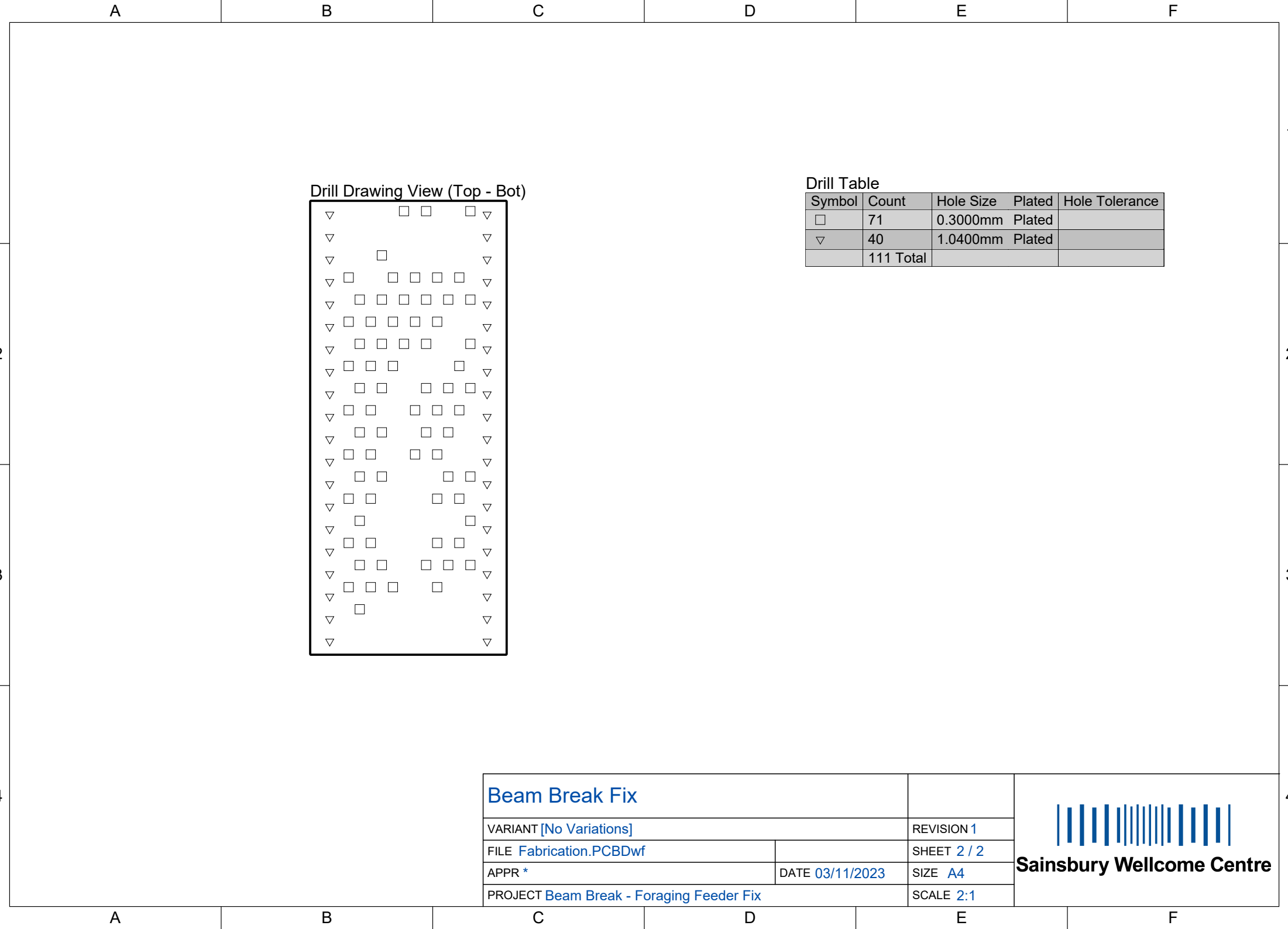
SIZE A4

SCALE

FabLab
Sainsbury Wellcome Centre
25 Howland Street
London
W1T 4JG
www.sainsburywellcome.org



Sainsbury Wellcome Centre



Drill Drawing View (Top - Bot)

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
□	71	0.3000mm	Plated	
▽	40	1.0400mm	Plated	
	111 Total			

Beam Break Fix		
VARIANT [No Variations]		REVISION 1
FILE Fabrication.PCBDwf		SHEET 2 / 2
APPR *	DATE 03/11/2023	SIZE A4
PROJECT Beam Break - Foraging Feeder Fix		SCALE 2:1



Sainsbury Wellcome Centre