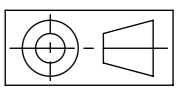


SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm steel, zinc seal
FINISH	See sheet 9

Suggested 3 part construction.
Fully welded seams

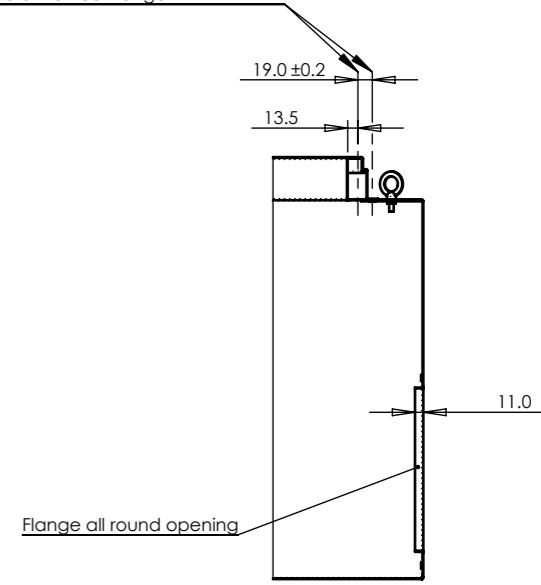


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	1. Updated drawings to match received unit. 2. Additional schaffner filter cover shown on sheet 8 3. Added schaffner filter cover mounts / connector holes detailed on sheet 2 4. Crease lines added to top lid (sheet 4) 5. Additional masking detail shown on sheet 9 6. Lifting point detailed on sheet 7	29/4/2010	
	C	1. Modification to Lid Stiffening technique shown on Sheet 5. 2. See MWAM042 Lid Stiffening for full dimensions.	20/1/2011	

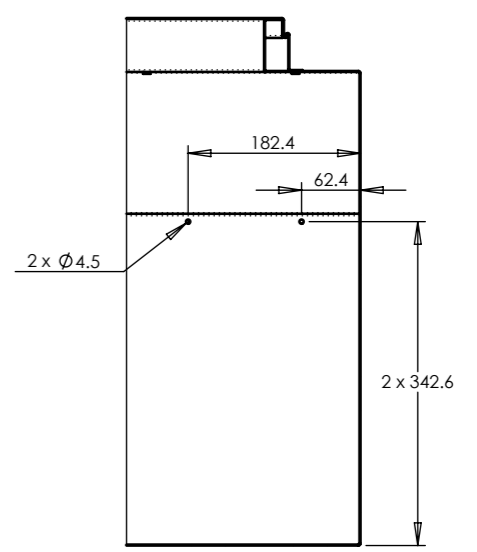
POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
MWAM001 Electronics enclosure sheet metal			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	I MOORE	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:10	20/01/2011	MWAM001 Sheet metal.SLDPRT	C
SHEET			
1 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm steel, zinc seal
FINISH	See sheet 9

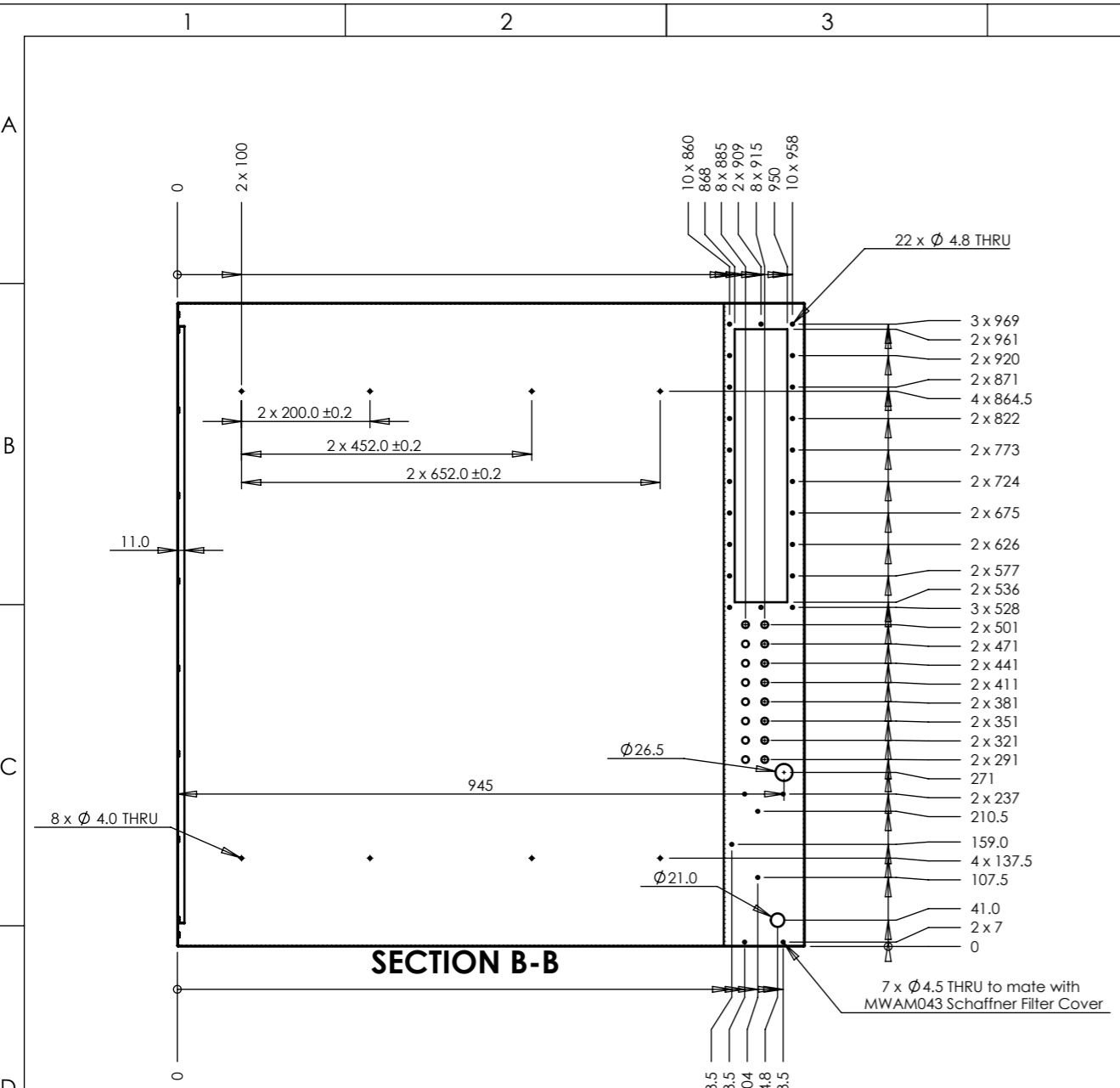
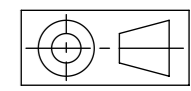
Centre locations for 24 x Ø3.5 holes on 62-1077 catch mounting centres, distances measured from outside face of vertical flange



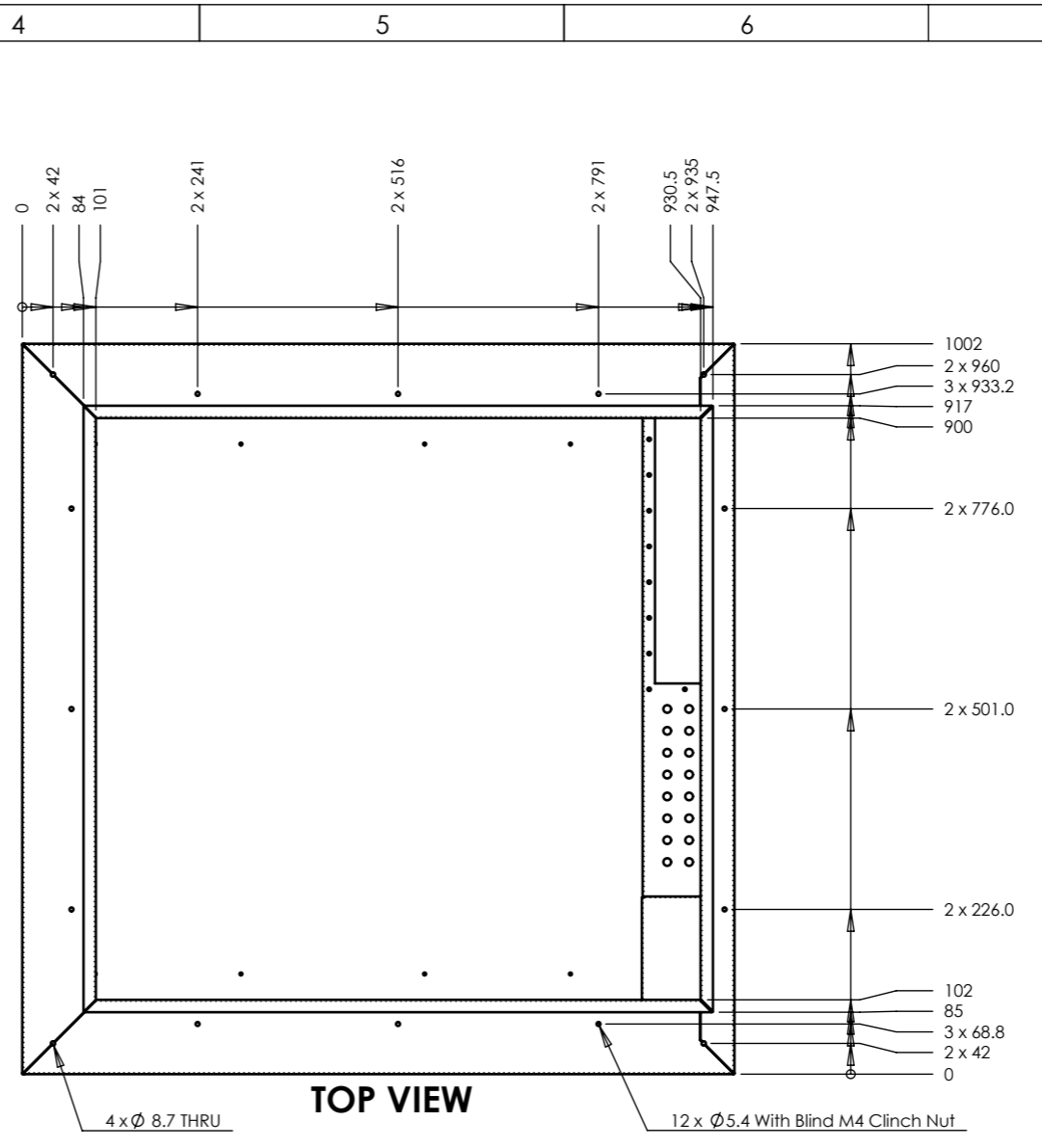
PART SECTION A-A



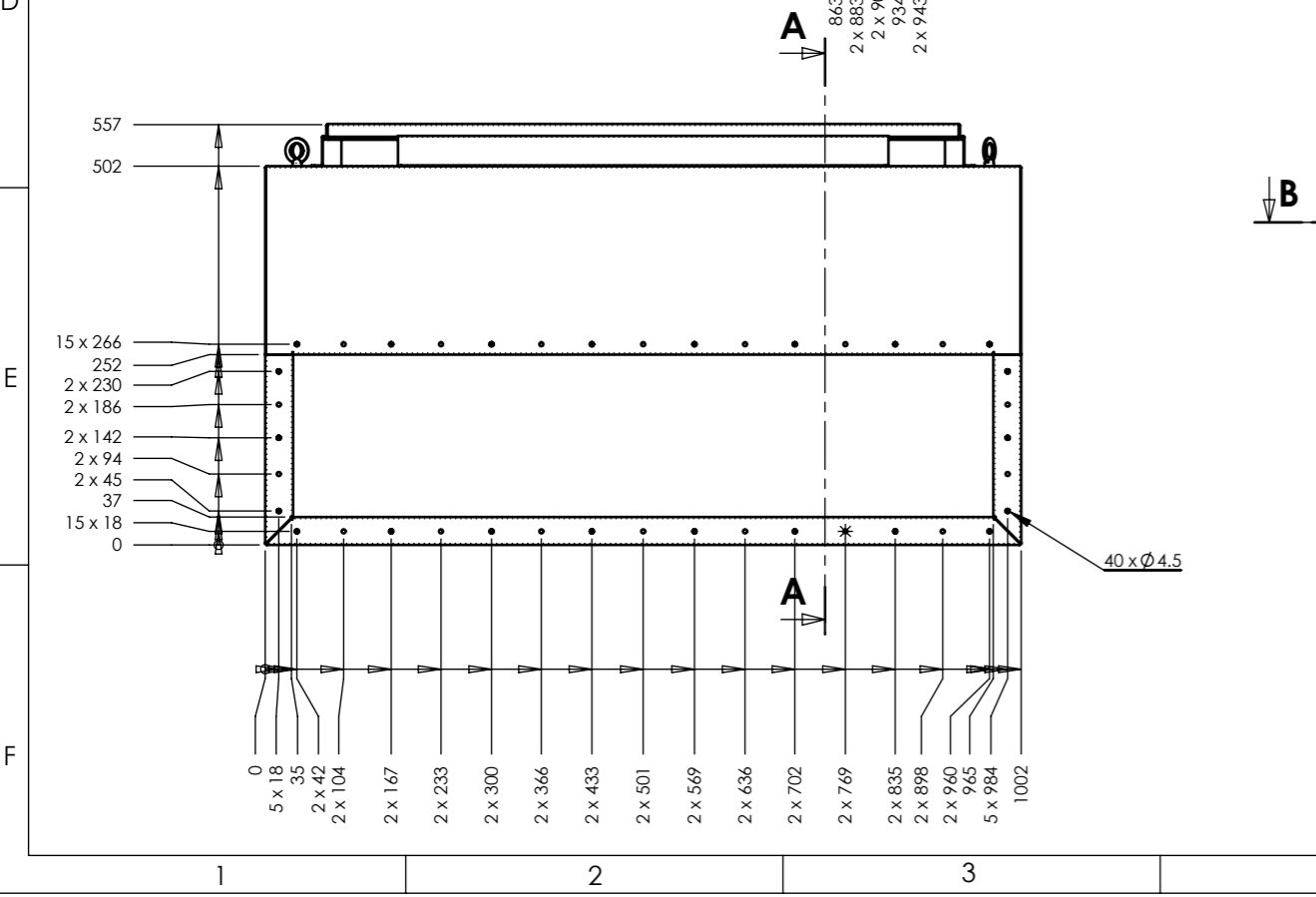
DETAIL PART SCALE 1 : 8



SECTION B-B



TOP VIEW

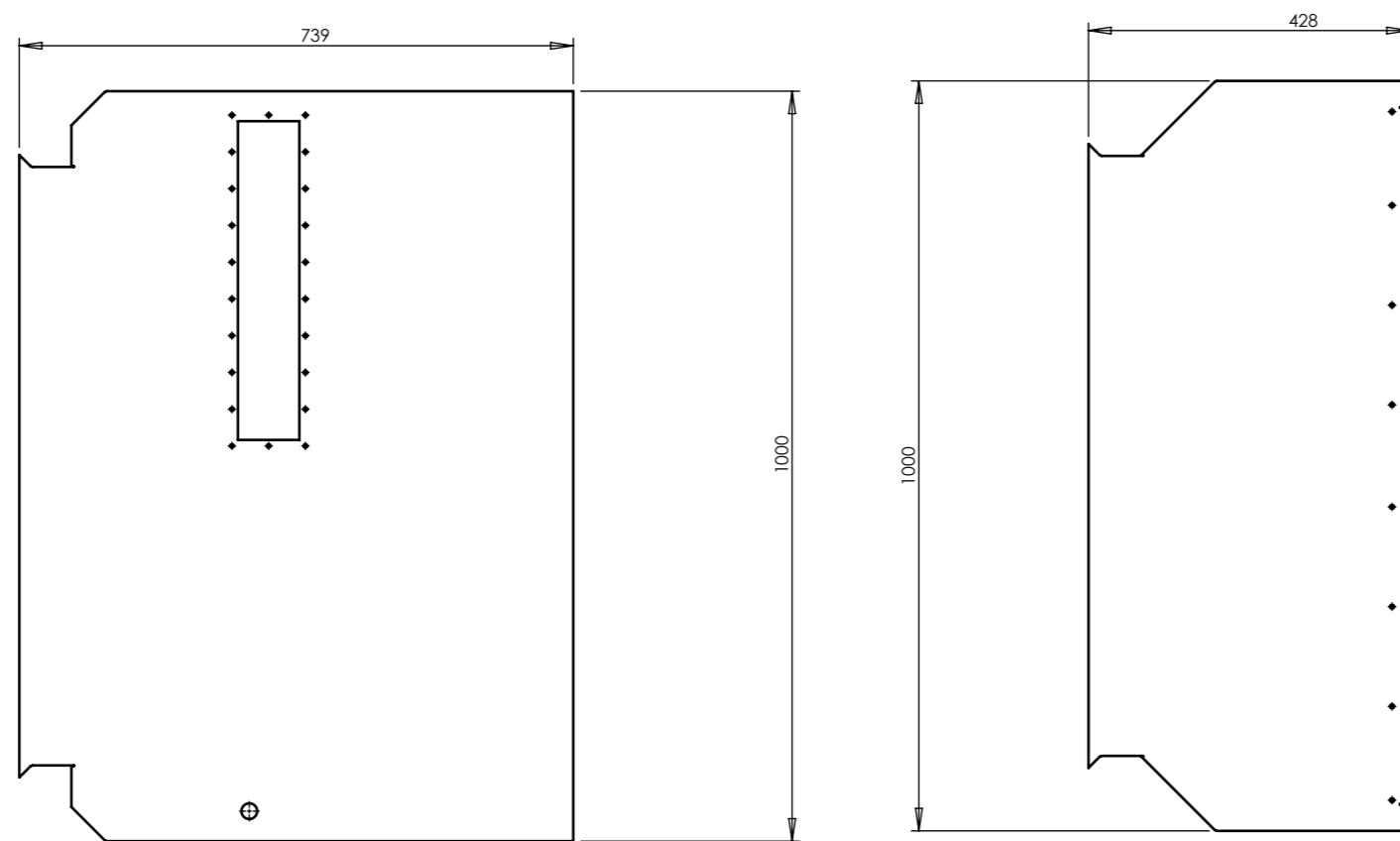
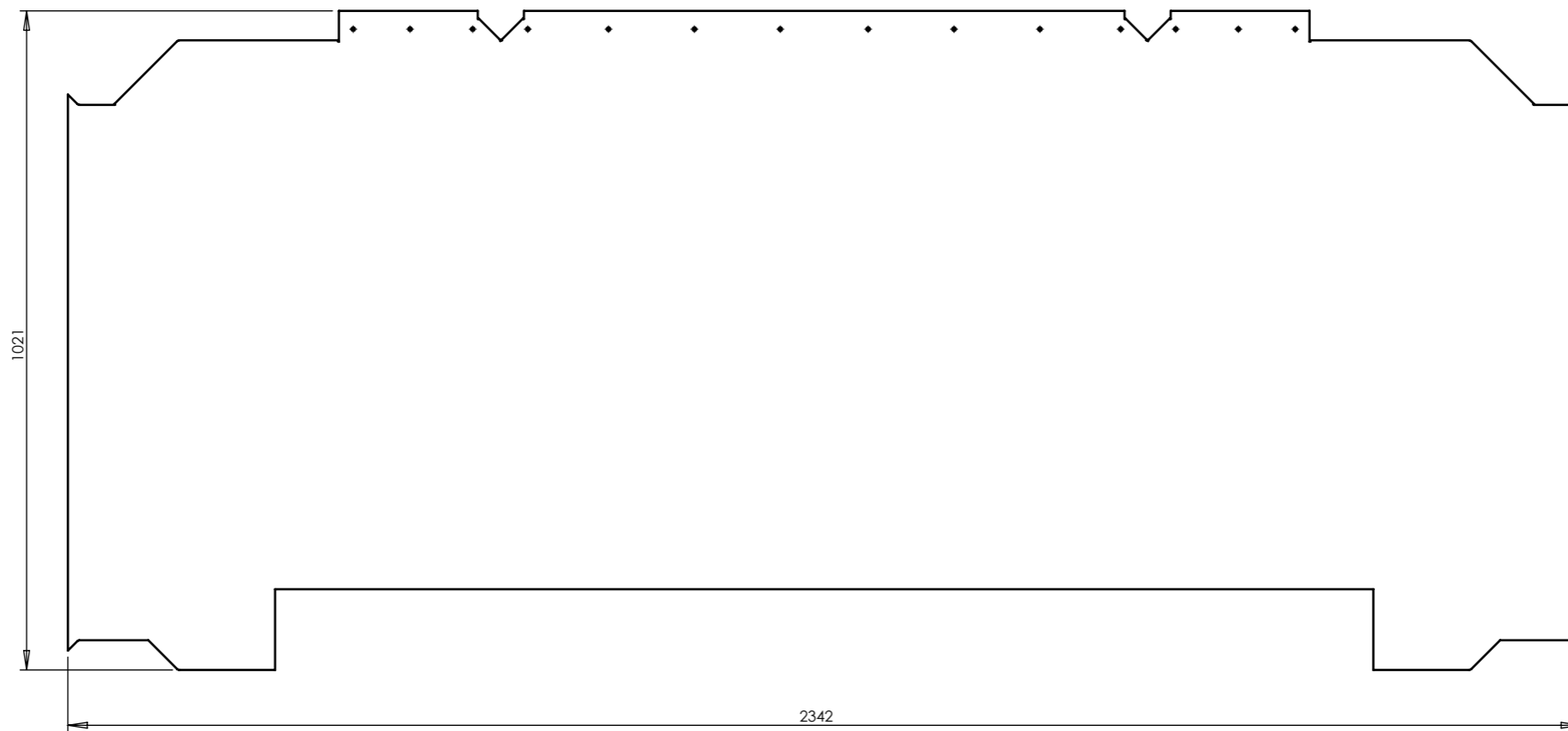


SIDE VIEW

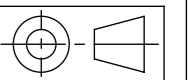
PSI POSEIDON SCIENTIFIC INSTRUMENTS
 17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650


DRAWING NAME MWAM001 Electronics enclosure sheet metal			
SIZE A3	DRAWN BY I MOORE	DRAWING FILENAME. MWAM001 Sheet metal.SLDDRW	
SCALE 1:10	DATE 20/01/2011	COMPONENT NAME MWAM001 Sheet metal.SLDPR	REV C
SHEET 2 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm steel, zinc seal
FINISH	See sheet 9

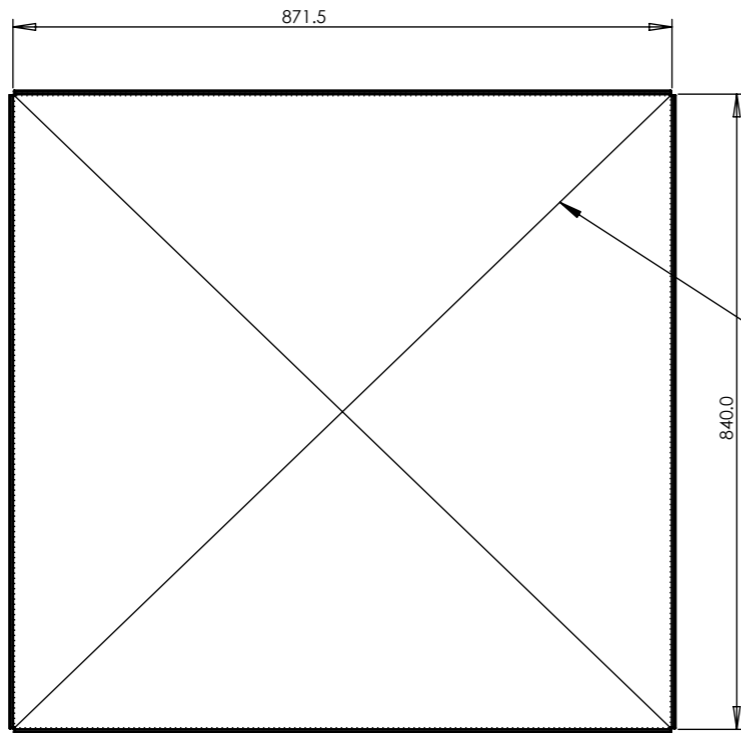


**Developments for suggested three part construction
(k factor 0.5)**



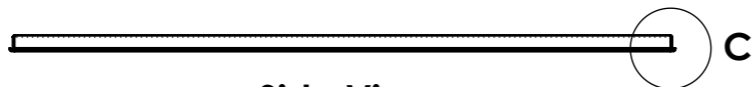
 PSI POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
MWAM001 Electronics enclosure sheet metal			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	I MOORE	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:10	20/01/2011	MWAM001_1 Main enclosure part 1.SLDPRT	C
SHEET			
3 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.5 mm UNLESS STATED
MATERIAL	1.2 mm Steel zinc seal
FINISH	See sheet 9

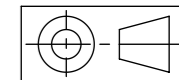
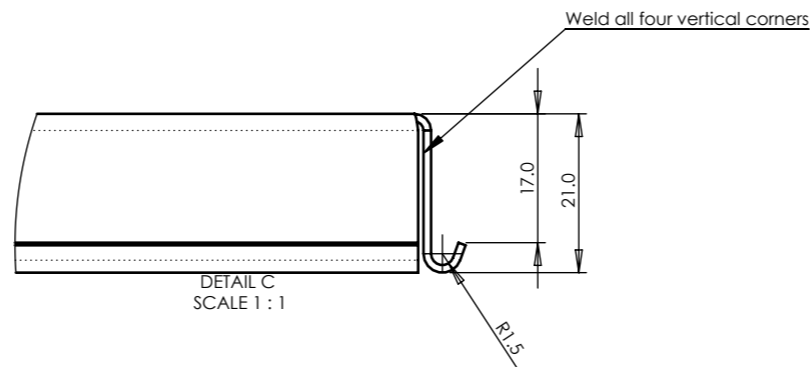


Crease Upwards Along Lines Shown.

Top View



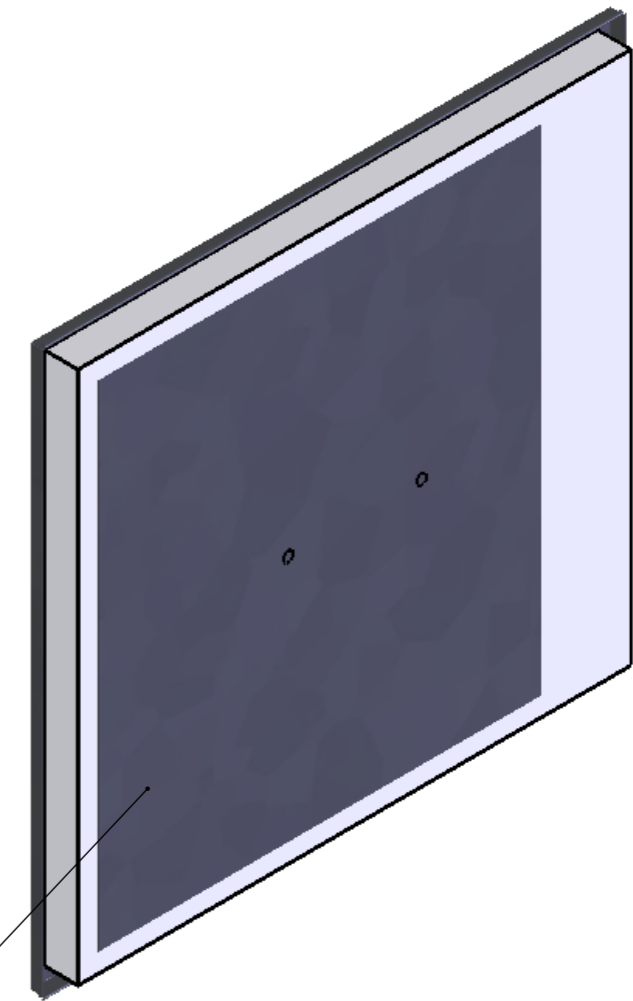
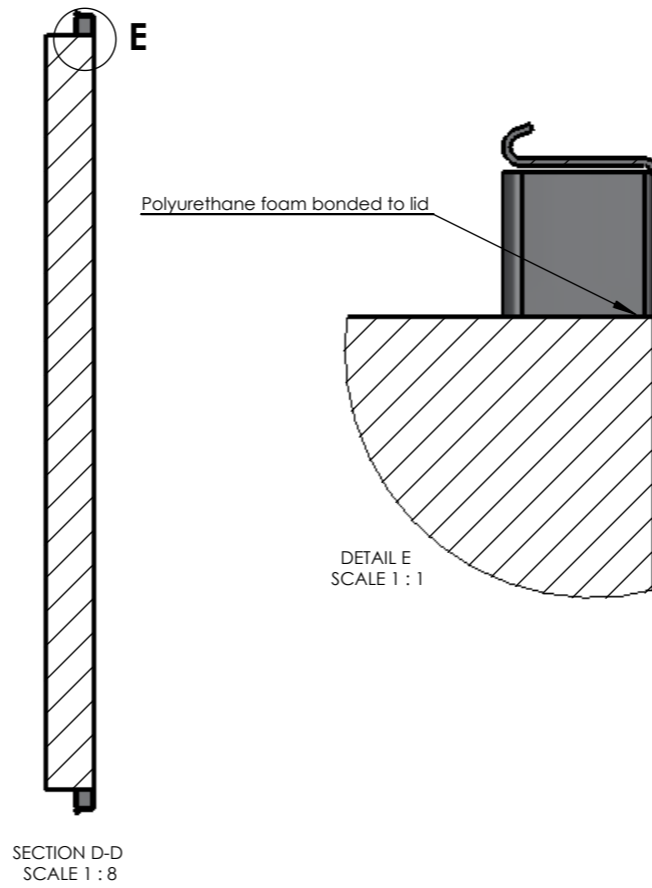
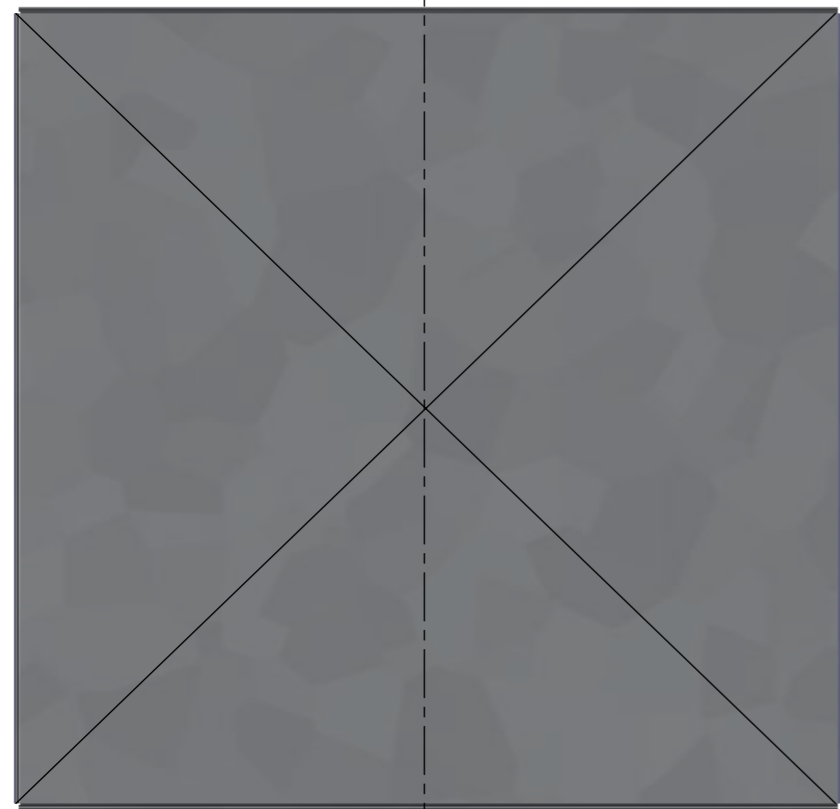
Side View



PSI POSEIDON SCIENTIFIC INSTRUMENTS
17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650

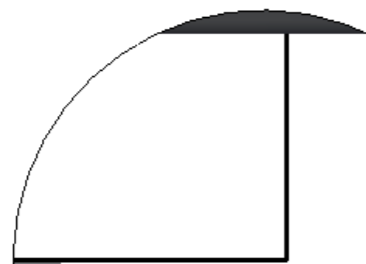
DRAWING NAME			
MWAM001 Electronics enclosure (lid)			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	I MOORE	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:10	20/01/2011	MWAM003 Enclosure lid.SLDPRT	C
SHEET			
4 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	Various
FINISH	See sheet 9

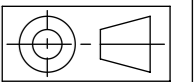



Foam and Steel Lid Stiffening to be installed by PSI

Note: See MWAM042 Lid Stiffening for dimensions

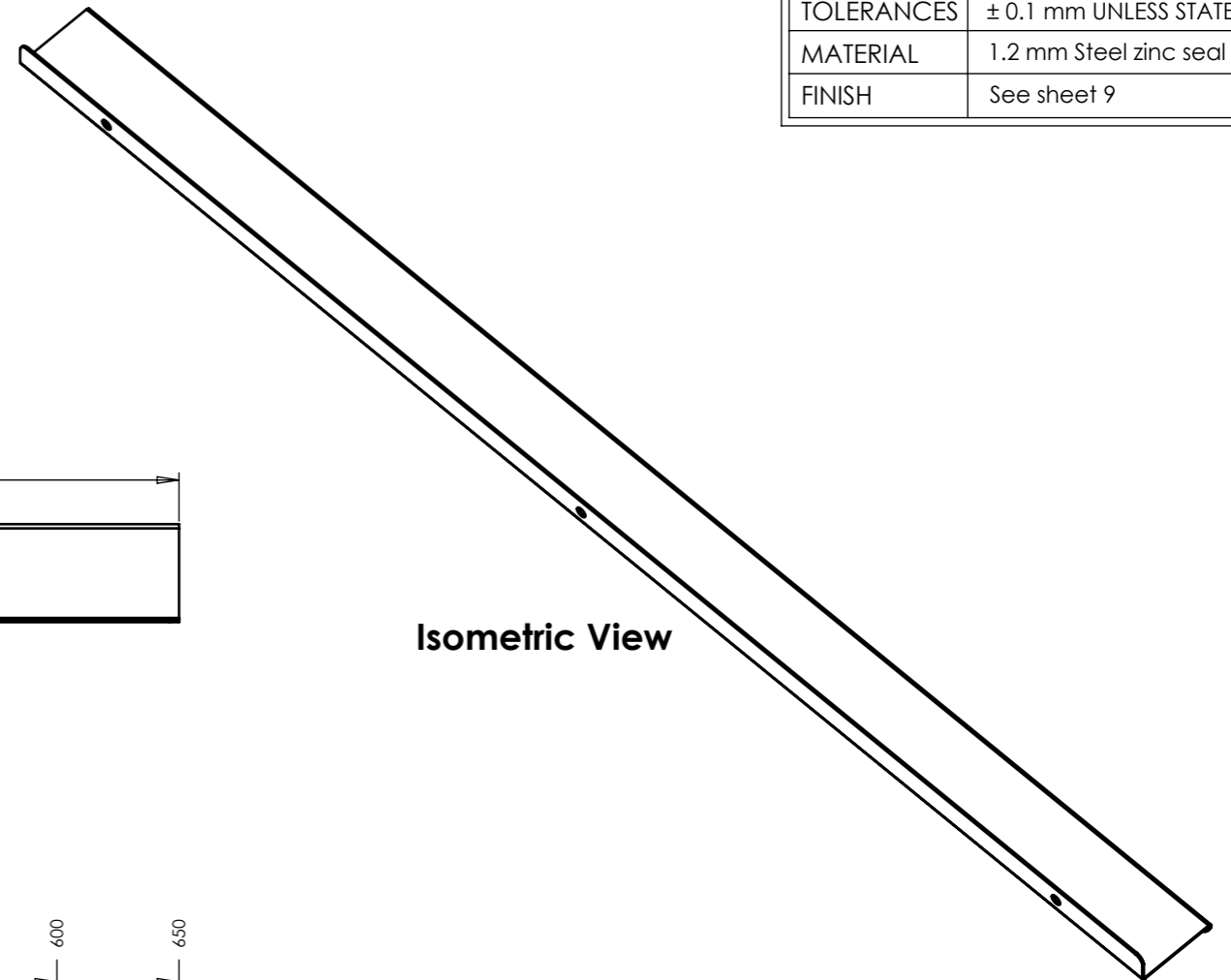


0.6mm Zinc Seal Steel laminated to polyurethane foam

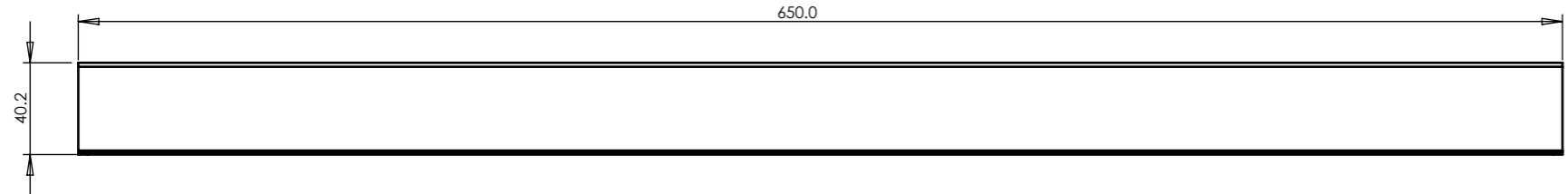


 POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
Top Lid Assembly			
SIZE A3	DRAWN BY C.Coleman	DRAWING FILENAME. MWAM001 Sheet metal.SLDDRW	
SCALE 1:8	DATE 20/01/2011	COMPONENT NAME Lid Assembly.SLDPRT	REV C
SHEET 5 of 9			

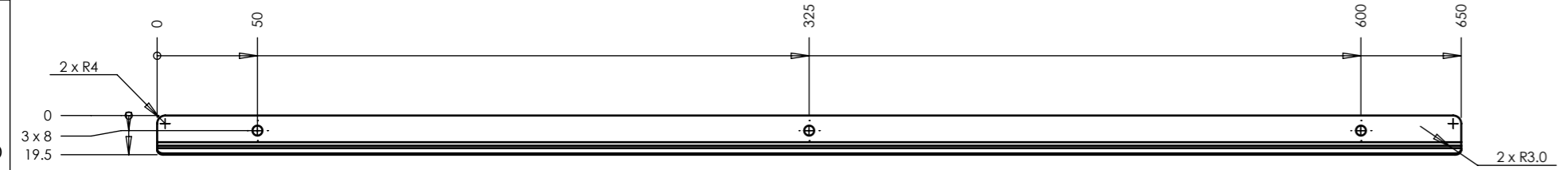
SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm Steel zinc seal
FINISH	See sheet 9



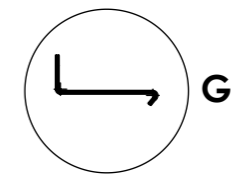
Isometric View



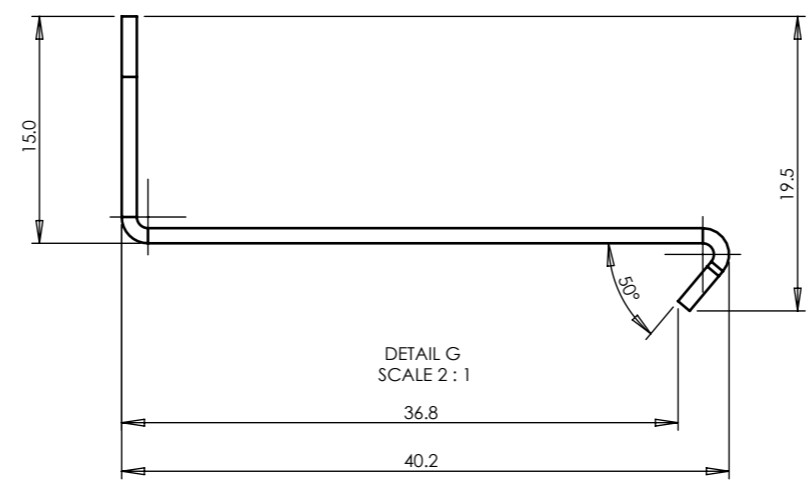
Side View



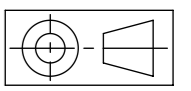
Top View




End View

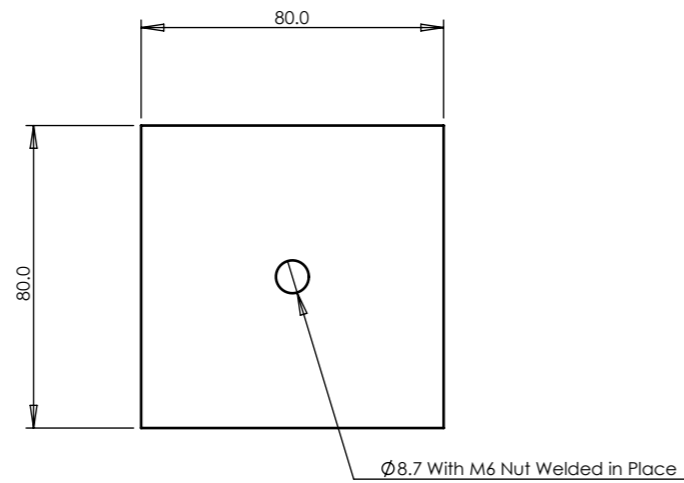


DETAIL G
SCALE 2 : 1



 POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
MWAM034 Lid Tie Down Bracket			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	I MOORE	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:3	20/01/2011	MWAM034 Lid Tie Down Bracket.SLDPRT	C
SHEET			
6 of 9			

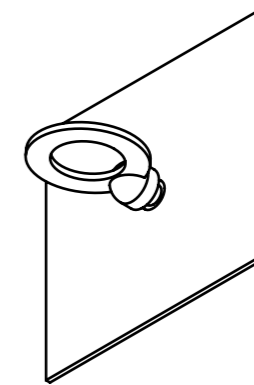
SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.5 mm Steel zinc seal
FINISH	See sheet 9



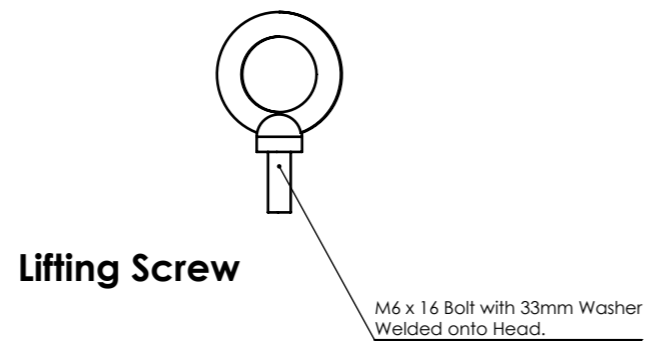
Top View



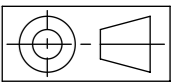
Side View




Isometric View

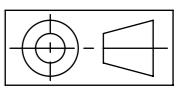
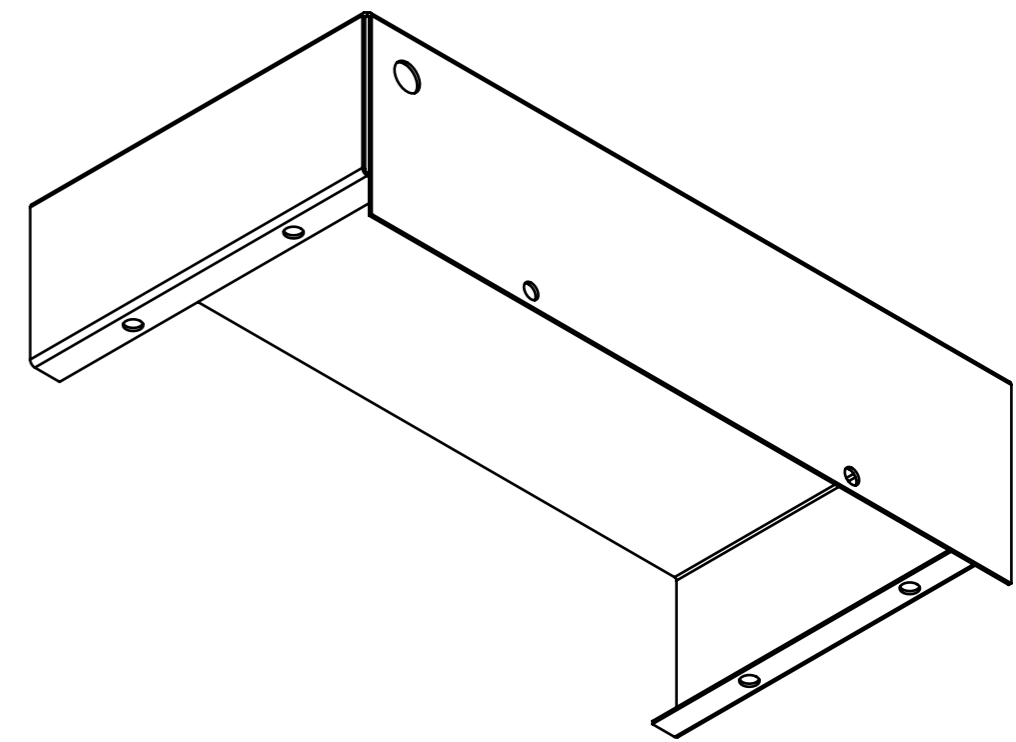
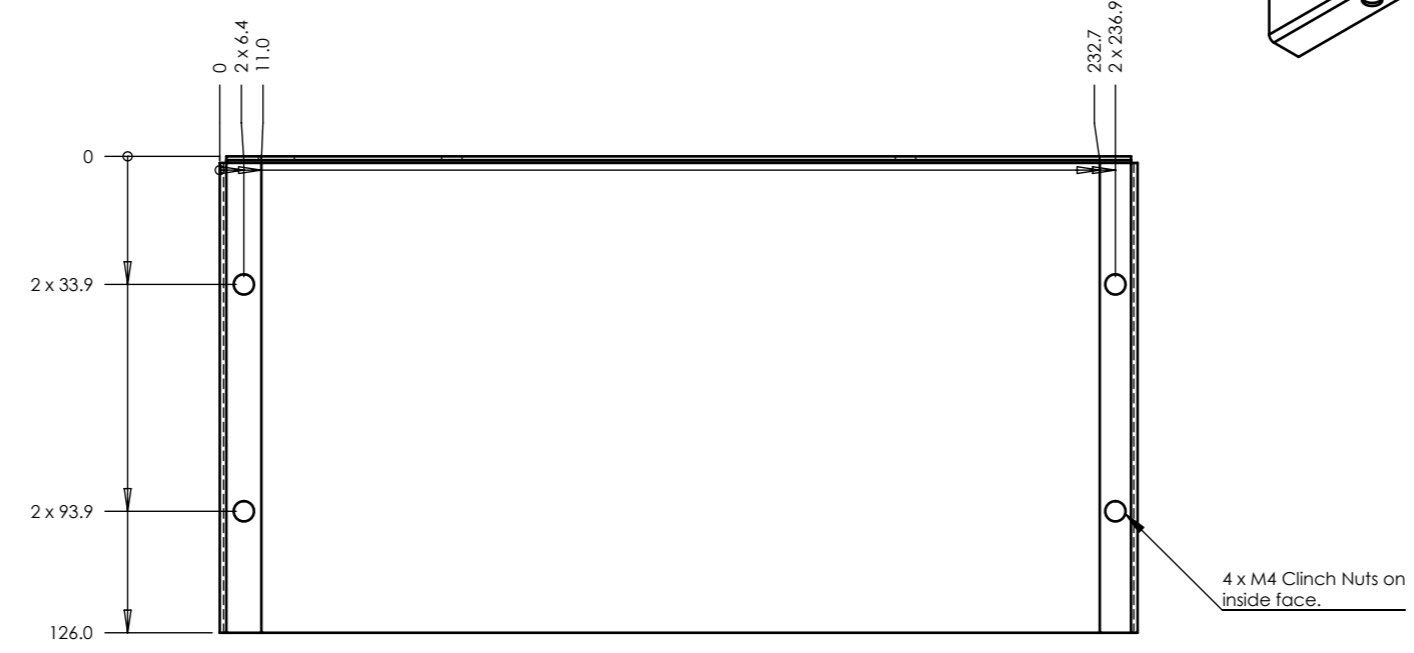
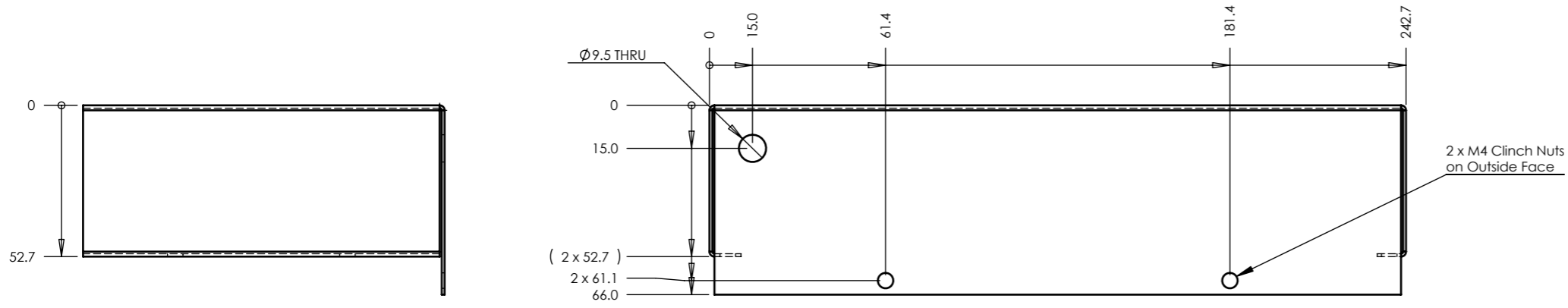



Lifting Screw



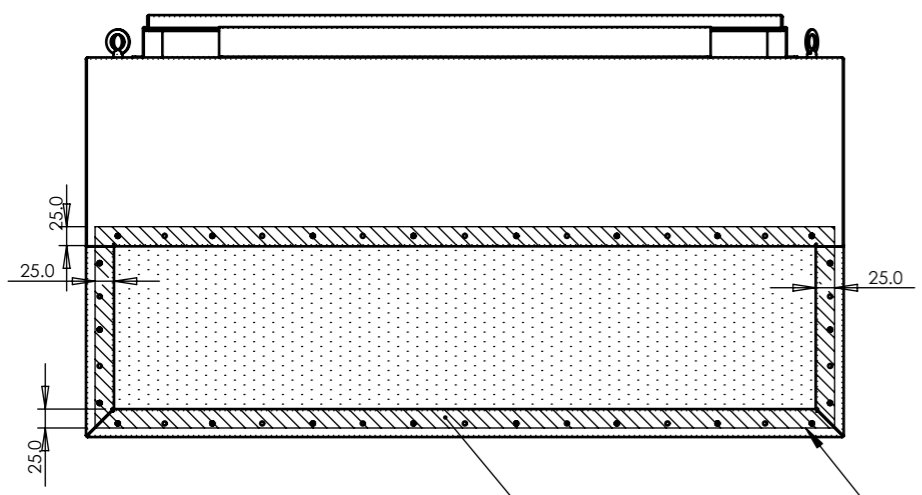
 POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
MWAM035 Lifting Point			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	C.Coleman	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:2	20/01/2011	MWAM035 Lifting Point.SLDPRT	C
SHEET			
7 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm Steel zinc seal
FINISH	See sheet 9

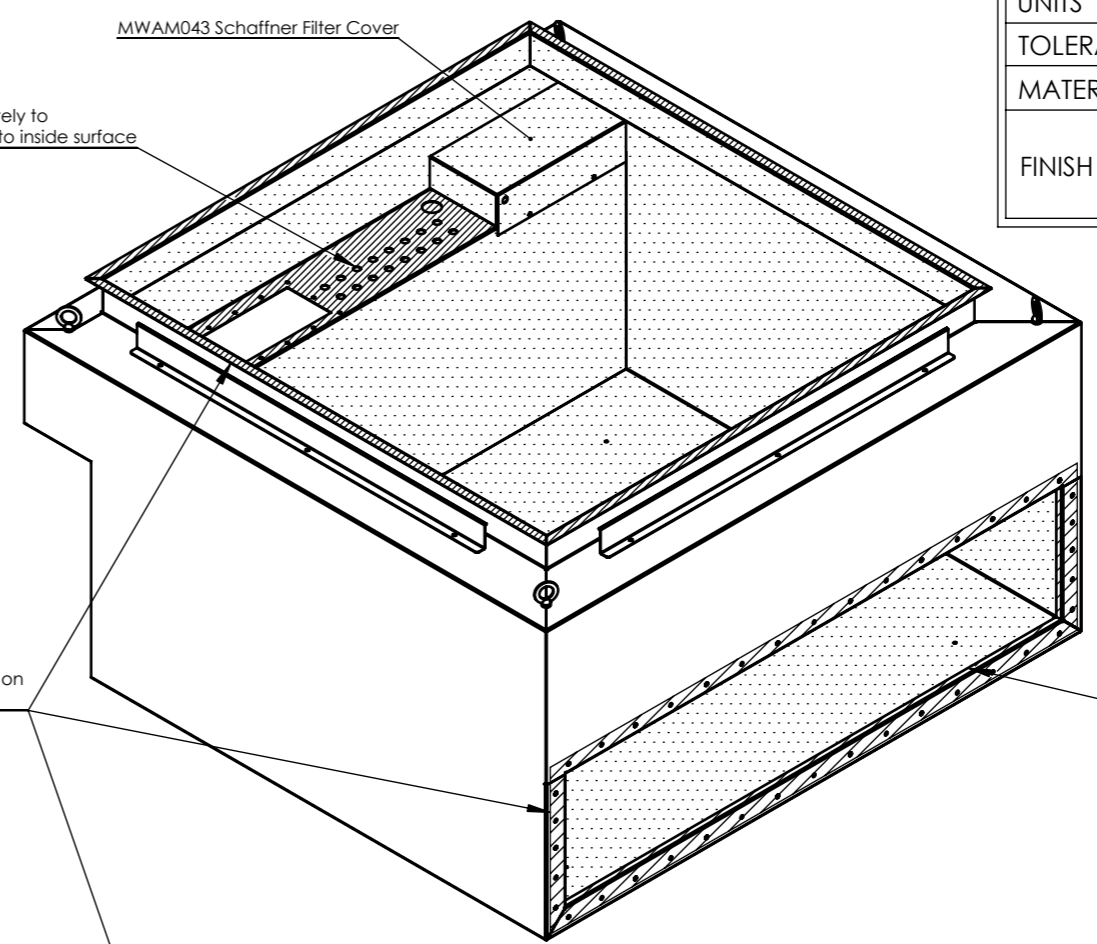


 POSEIDON SCIENTIFIC INSTRUMENTS <small>17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650</small>			
DRAWING NAME			
MWAM043 Schaffner Filter Cover			
SIZE	DRAWN BY	DRAWING FILENAME.	
A3	C.Coleman	MWAM001 Sheet metal.SLDDRW	
SCALE	DATE	COMPONENT NAME	REV
1:2	20/01/2011	MWAM043 Schaffner Filter Cover.SLDPRT	C
SHEET			
8 of 9			

SPECIFICATIONS	
UNITS	MILLIMETERS
TOLERANCES	± 0.1 mm UNLESS STATED
MATERIAL	1.2 mm Steel zinc seal
FINISH	1. Phosphate passivate 2. Mask where indicated 3. Powder coat white on External surfaces.

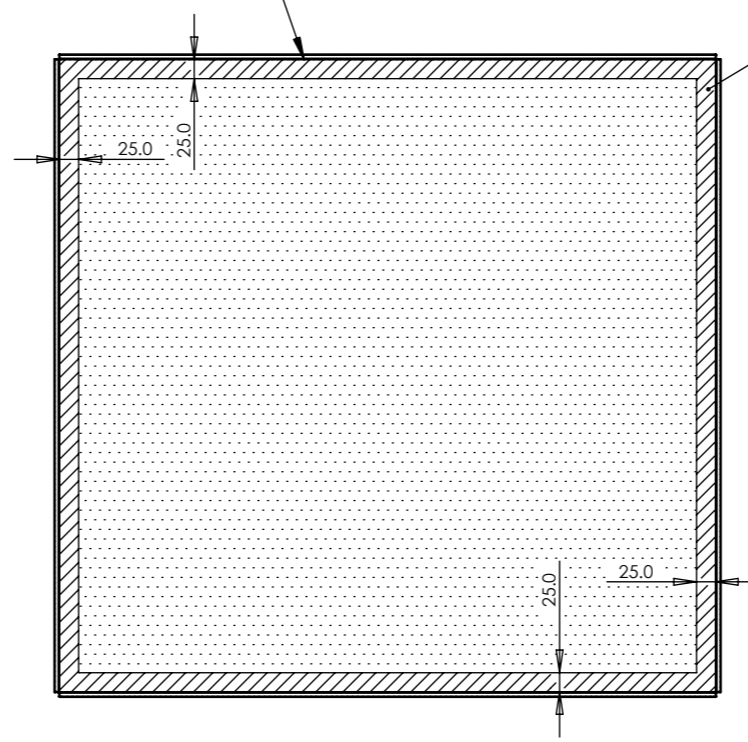
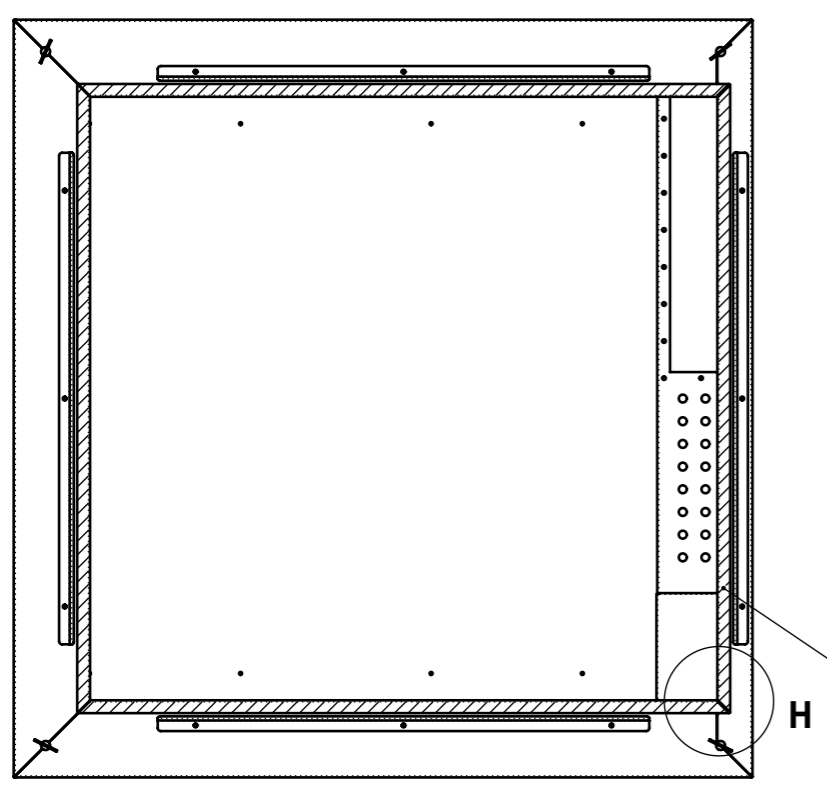


Mask inside horizontal face completely to prevent overspray through holes onto inside surface

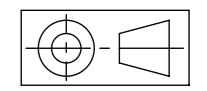
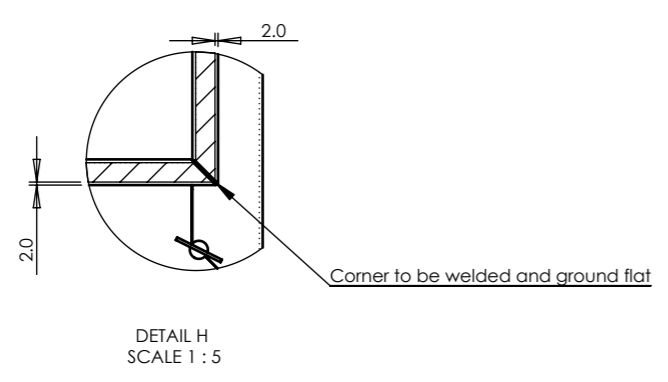


Mask hatched areas shown. Powder coat over spray on inside of enclosure (dotted areas) acceptable

Powder coat must cover inside surface of flange. Underside does not require powder coating. Mask hatched area to prevent overspray on underside.



Lid Bottom View



PSI POSEIDON SCIENTIFIC INSTRUMENTS
17 QUEEN VICTORIA ST, FREMANTLE WA 6160 PH: (08) 9430 6639 FAX (08) 9335 4650

DRAWING NAME
MWAM001 Electronics enclosure sheet metal

SIZE A3	DRAWN BY I MOORE	DRAWING FILENAME. MWAM001 Sheet metal.SLDDRW	
SCALE 1:10	DATE 20/01/2011	COMPONENT NAME MWAM001 Sheet metal.SLDPRT	REV C
SHEET 9 of 9			