

Installation of Seismic Restraints on Concrete Flooring

V01.00 | Jun 20, 2017 – All specifications are subject to change without prior notification.

TOOLS/SUPPLIES REQUIRED

- a. Hammer Drill
- b. Hammer
- c. Paint Marker
- d. 9/16" Socket Wrench

PARTS REQUIRED

- a. Seismic kit
- b. M Series Printer

PROCEDURE

1. Prepare space for printer installation and move machine into approximate location.
2. Lower the leveling feet by hand until they touch the ground and raise the locking nut out of the way.
3. Set up three of the seismic brackets, one on each of the front two feet and one on the back foot. Make sure that the front two brackets are not parallel to the back bracket. *See Fig. 1, 2.*



Fig. 1



Fig. 2

4. Mark the location on the floor where the seismic brackets will be bolted down (two bolts per restraint bracket). Have one bolt as close to the machine as possible and the other farther back to prevent rotation of the clamps. *See Fig. 3*
5. Using a hammer drill and the masonry drill bit included in the seismic kit, drill holes **AT LEAST 1-7/8" DEEP** in the marked locations.
6. Clean up any debris from the drilling process.
7. Lower the locking nut to clamp down the seismic bracket over the machine feet.
8. Slide the washer over the anchor bolts, and install the anchor bolts using a 9/16" socket wrench.

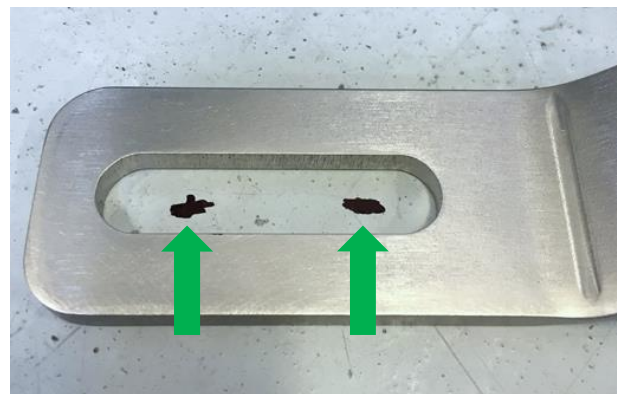


Fig. 3

Note: Please reference your local building codes or consult with your Facilities Department to determine if seismic restraints are required and whether your specific flooring meets these installation requirements.

NOTES:

1. ASME Y14.5-2009 APPLIES, UNLESS OTHERWISE SPECIFIED. DIMENSIONS APPLY AFTER FINISHING.
2. MATERIAL: STAINLESS 304-2B
3. FINISH: **PASSIVATION**: PASSIVATE PER ASTM A967
4. BREAK ALL SHARP EDGES 0.25 MAX
5. ALL MACHINED SURFACES SHALL BE

6.3/

 IN ACCORDANCE WITH ASME Y14.36M-1995 UNLESS OTHERWISE SPECIFIED.
6. PROFILE TOLERANCE OF

0.25

A

B

C

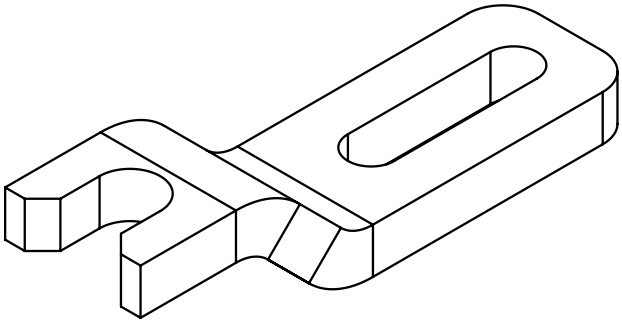
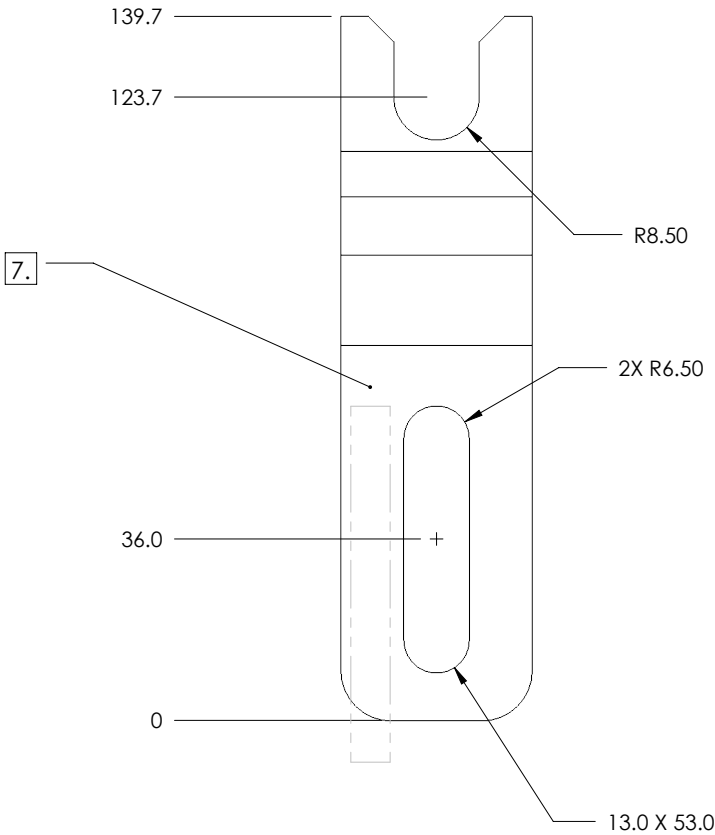
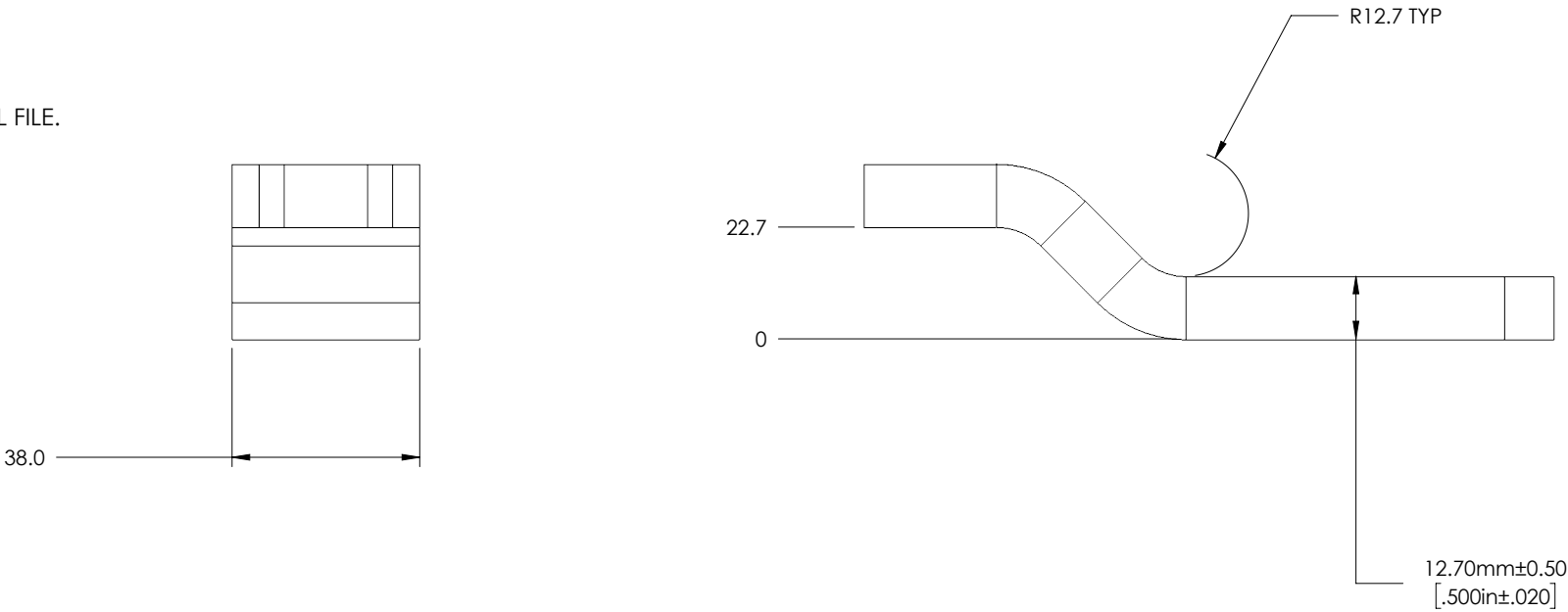
 APPLIES TO UNDIMENSIONED FEATURES (EXCEPT HOLES & THREADS). THE MASTER DATA FOR THIS DRAWING IS THE 3D MODEL FILE.
7. PERMANENTLY MARK PART NUMBER AND REVISION AT INDICATED LOCATION, PER BELOW:

- USE ALL CAPS, FORMAT "# # # # # . REV" (EXAMPLE: 100123.B)

- FONT: ARIAL OR SIMILAR SANS-SERIF (THIS LINE IS WRITTEN IN ARIAL FONT)

- SIZE: USE MAXIMUM SIZE TO FILL INDICATED REGION, MINIMUM 2.5mm (9PT.)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	INITIAL RELEASE	09/01/2016	RJH



RESPONSIBLE ENGINEER(S)
RYAN HOLLOWELL

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CARBON3D. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CARBON3D IS PROHIBITED.

RELEASED

UNLESS SPECIFIED, DIMENSIONS ARE IN MM.
DEFAULT TOLERANCING:
DECIMALS: X : ±1
.X : ±0.3
.XX : ±0.1
.XXX : ±0.05
ANGLES: ±1°

carbon3D

312 CHESTNUT ST.
REDWOOD CITY, CA 94063

SEISMIC RESTRAINT, FOOT CLAMP, M1&M2

SIZE
B

DWG NO.
104630

REVISION
C

SCALE: 2:3

UNIT WT
456.851 grams

SHEET 1 OF 1