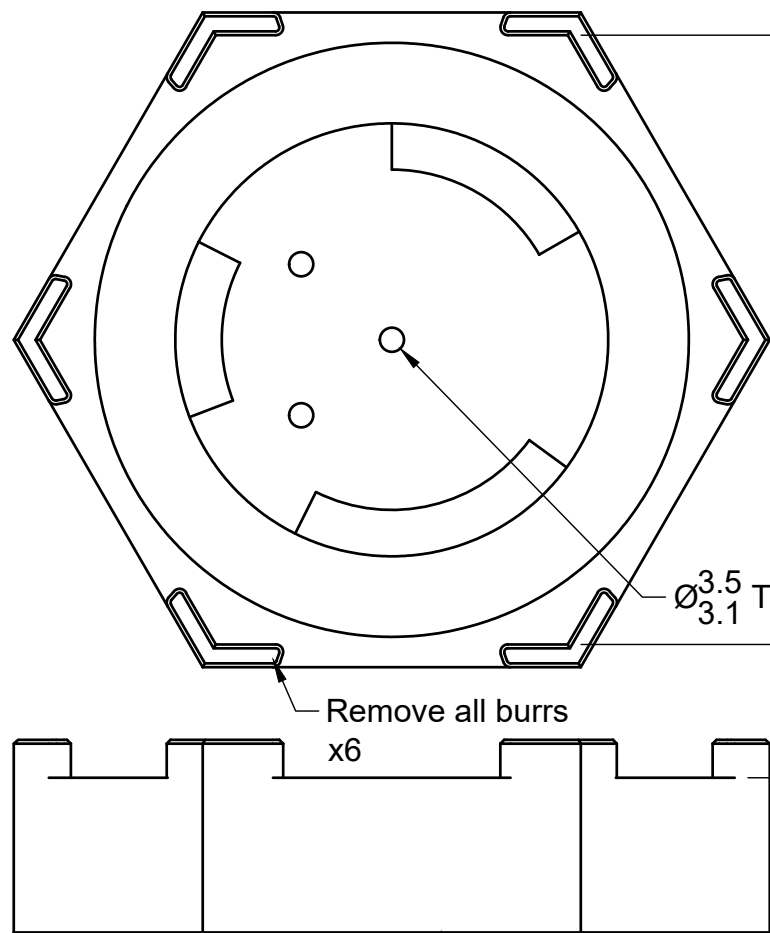


BOM	
Item	Qty
top mold	1
inner mold A	1
inner mold B	1
bottom mold	1
M3x4.6x5.6mm threaded insert	6
M3x12 pan head philips	6

		PROJECT		
		wifi-LED-poi		
		TITLE		
		poi_assembly Mold assembly one page		
APPROVED		SIZE	CODE	DWG NO
CHECKED		A		
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT
			SHEET 1/5	REV 1.0



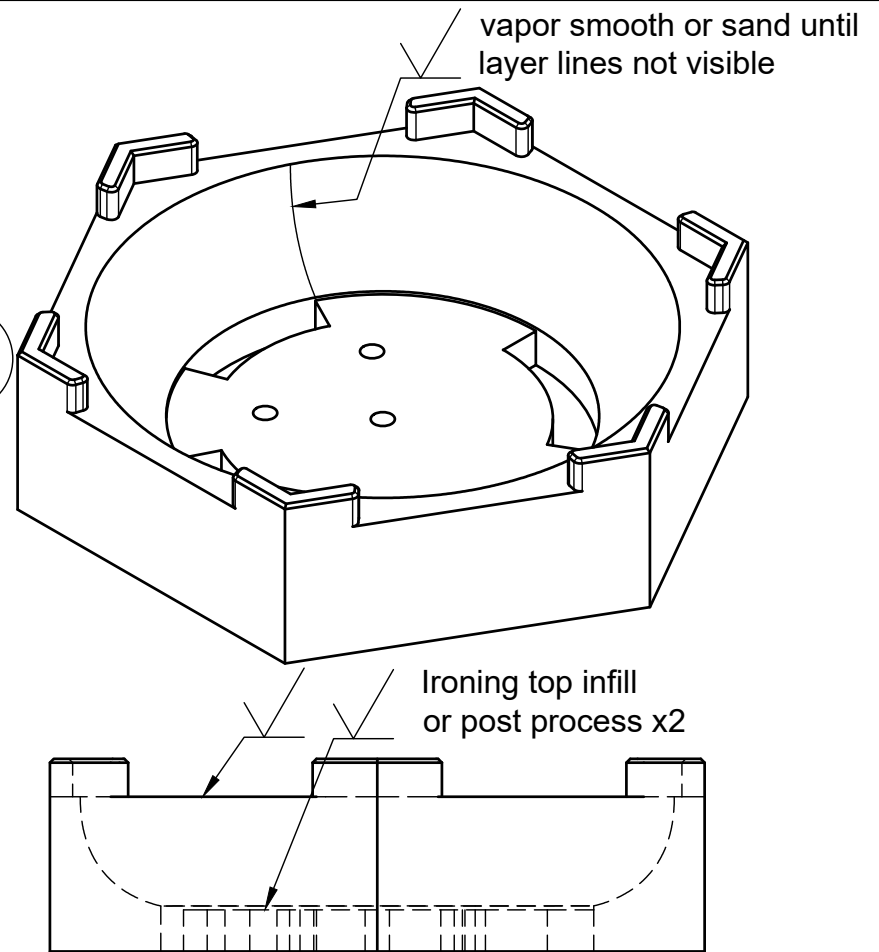
80.9
80.45
TYP x6

Ø3.5
3.1 TYP x3

Remove all burrs
x6

5±.15
TYP x6

bottom face for FDM 3D printing



Material: ABS

APPROVED

CHECKED

DRAWN Winnie Szeto 12/27/2021

PROJECT

wifi-LED-poi

TITLE

poi_assembly
bottom piece detail

SIZE

A

CODE

DWG NO

REV

1.0

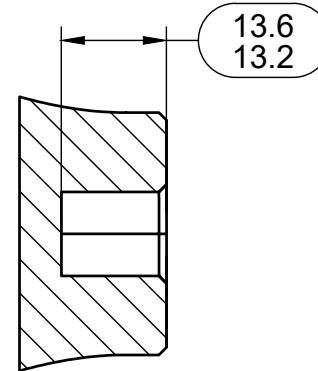
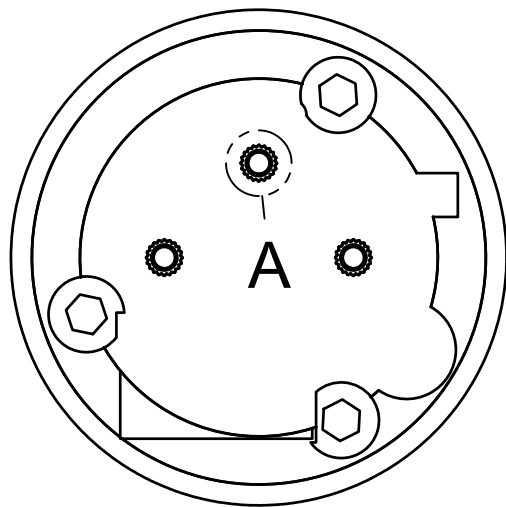
SCALE 1:1

WEIGHT

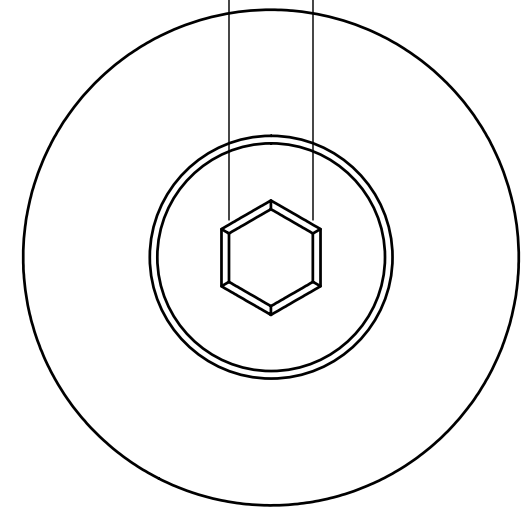
SHEET 2/5

SECTION B-B SCALE 1:1

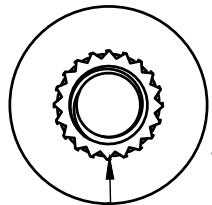
Ironing top infill or
post process



11.1±.15 TYP x3



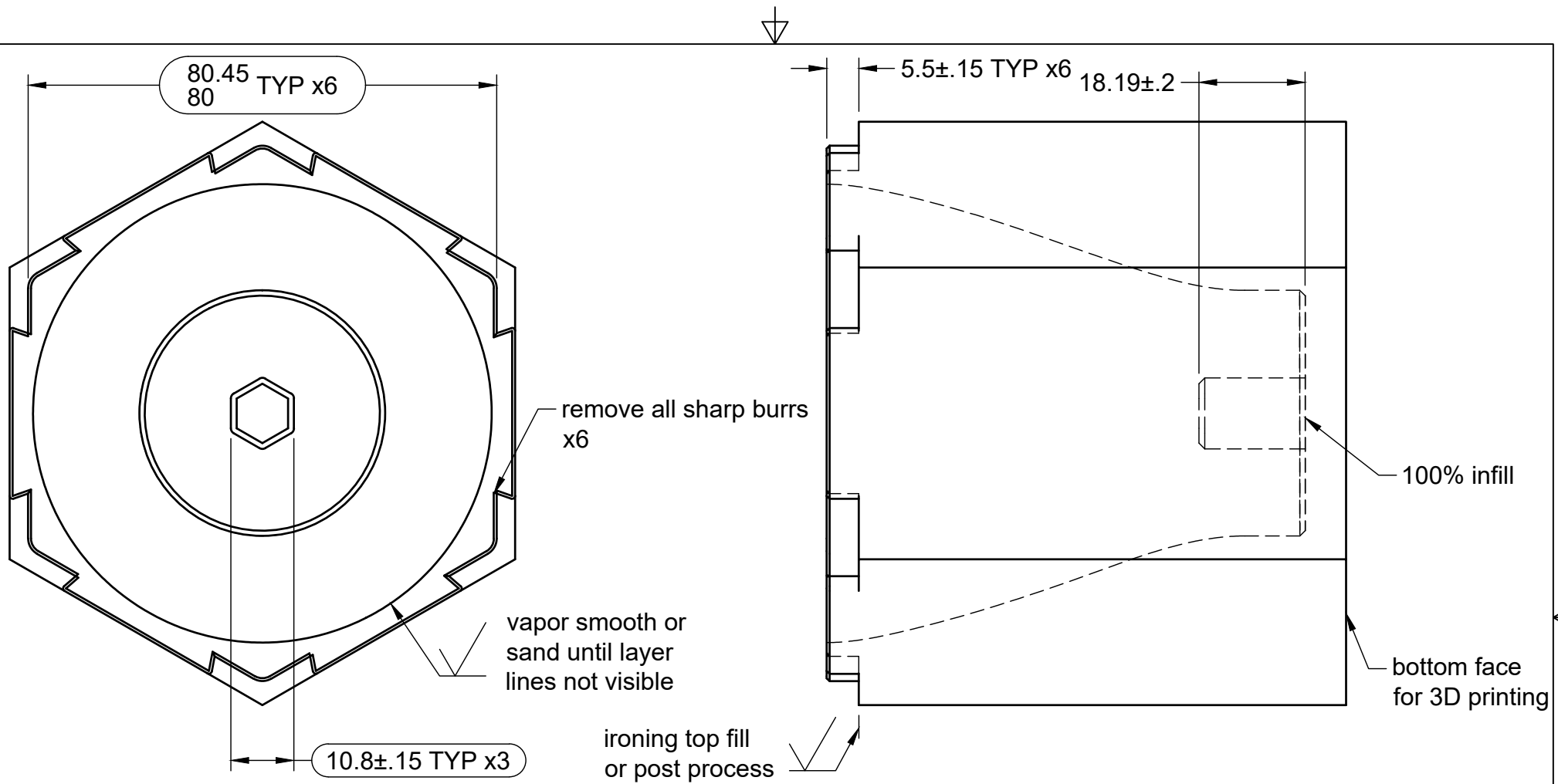
bottom face for 3D printing



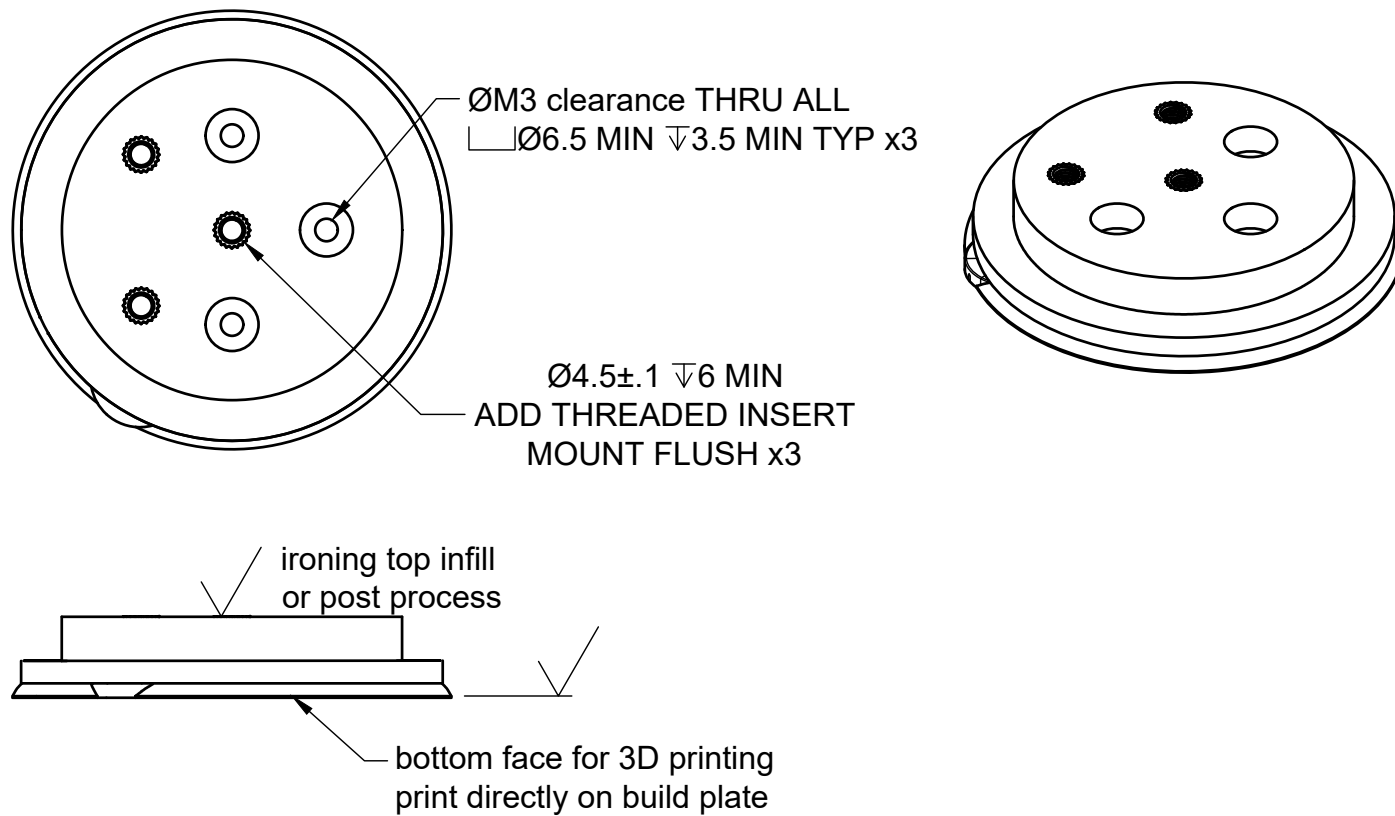
DETAIL A SCALE 3:1

Ø4.5±.1√6 MIN
ADD THREADED INSERT
MOUNT FLUSH
x3

		PROJECT wifi-LED-poi			
		TITLE poi_assembly inside piece A detail			
Material: ABS		SIZE	CODE	DWG NO	REV
APPROVED		A			1.0
CHECKED					
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT	SHEET 3/5



		PROJECT			
		wifi-LED-poi			
		TITLE			
		poi_assembly top piece detail			
Material: ABS		SIZE	CODE	DWG NO	REV
APPROVED		A			1.0
CHECKED					
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT	SHEET 4/5



	PROJECT				
	wifi-LED-poi				
Material: ABS	TITLE				
	poi_assembly inside piece B detail				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED	A				1.0
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT	SHEET 5/5