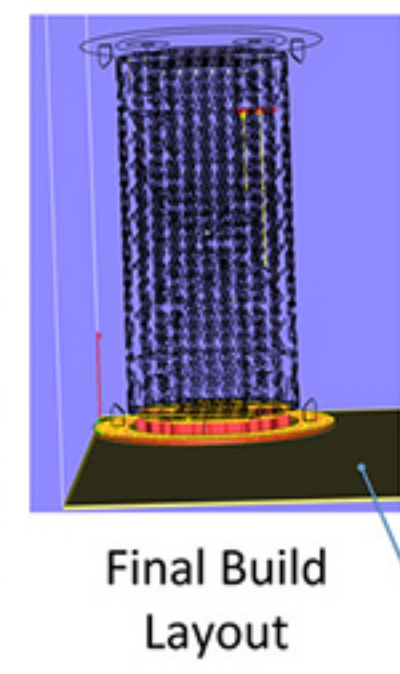
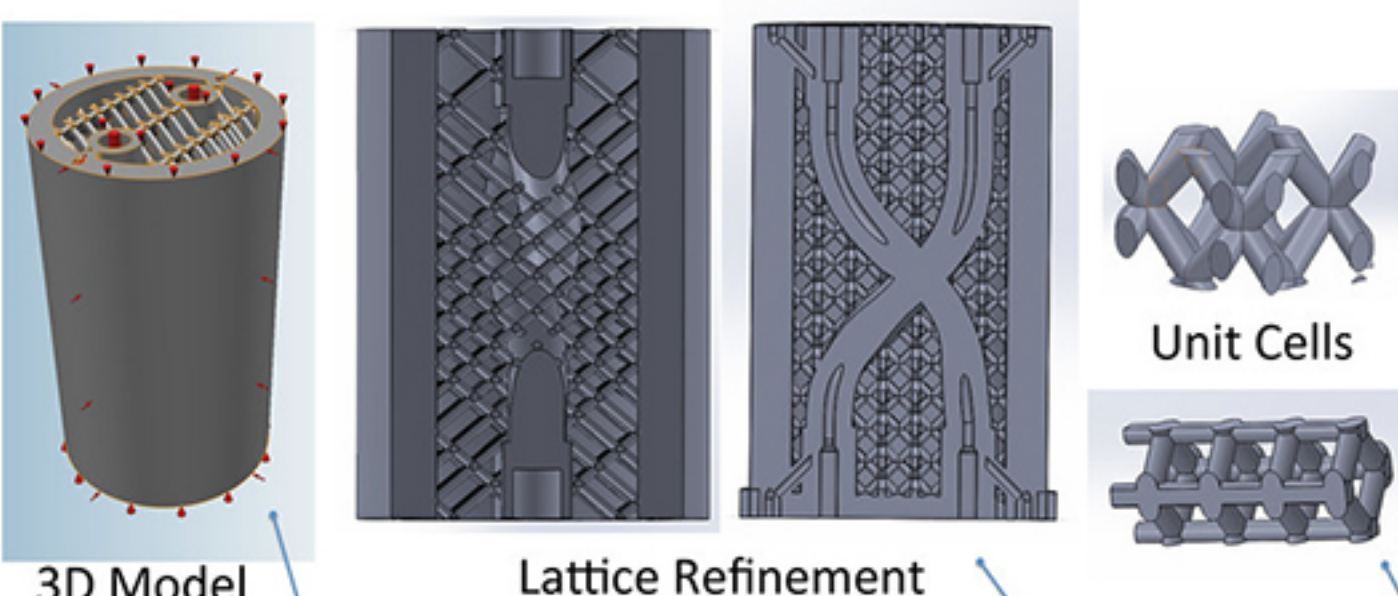
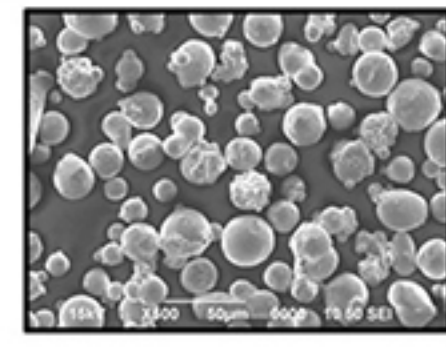
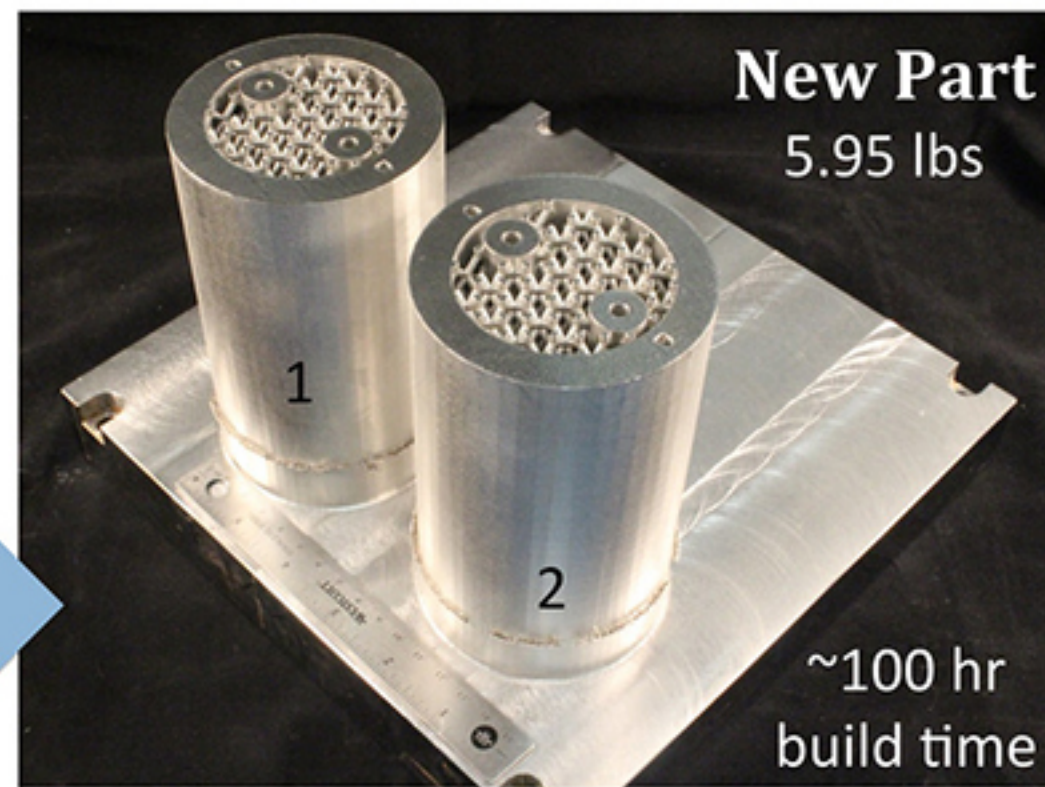
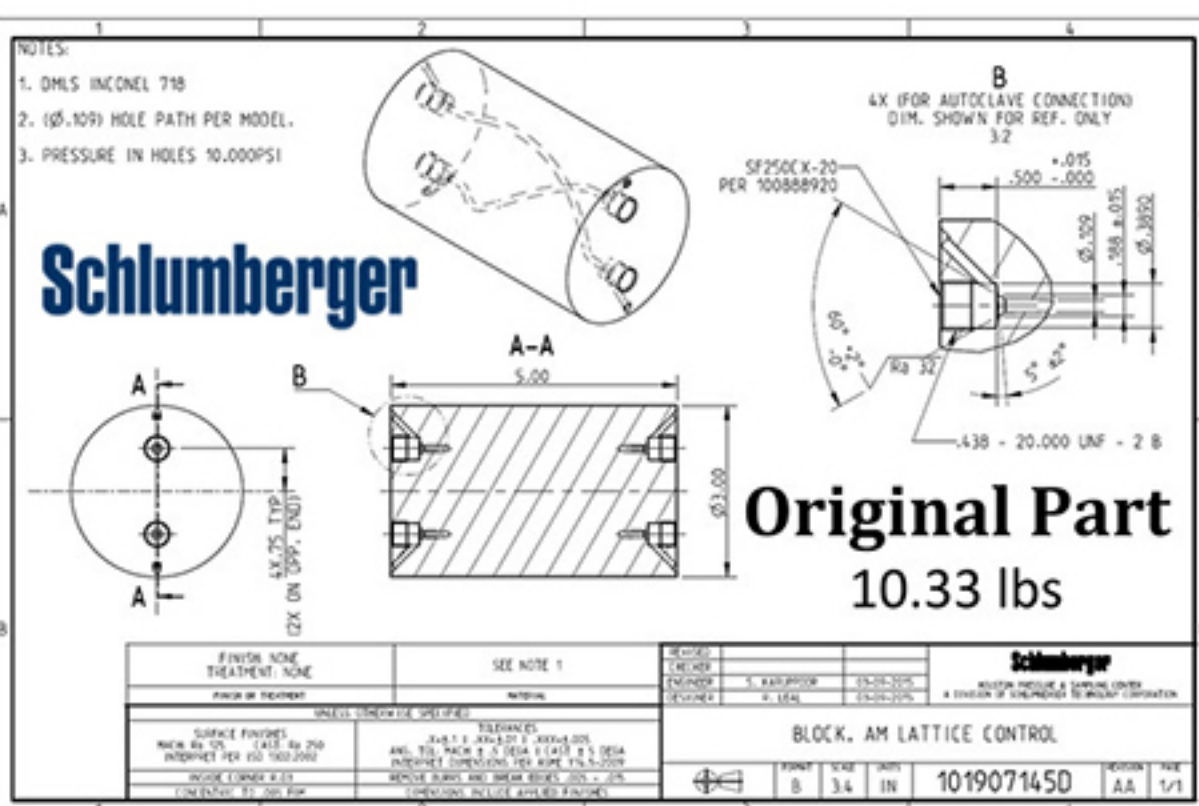


Designing for Additive Manufacturing: Lightweighting a 3D Printed Metal Part



Dimensional Analysis (in mm)

Measurement	Build 1	Build 2
Build Height	135.612	135.645
Diameter	81.082	81.041
Cylindricity	0.134	0.173
Perpendicularity	0.052	0.069
Flatness (Top)	0.075	0.059
Parallelism (Top)	0.07	0.078
Inner Circle (Right)	4.789	4.800
Inner Circle (Left)	4.808	4.813

Precision & Quality Measurements Lab

