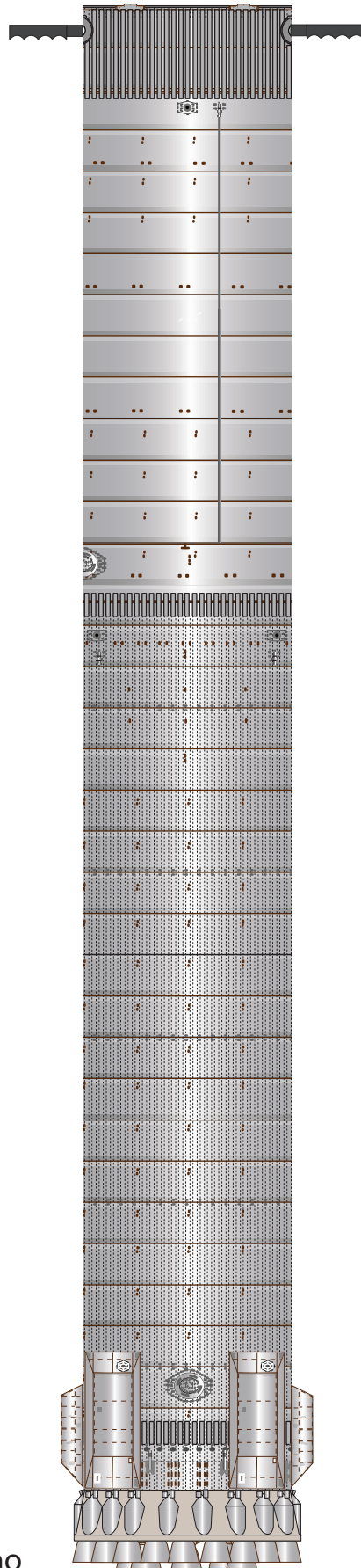
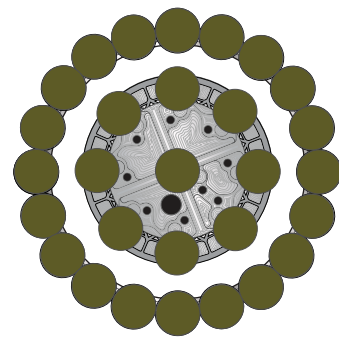
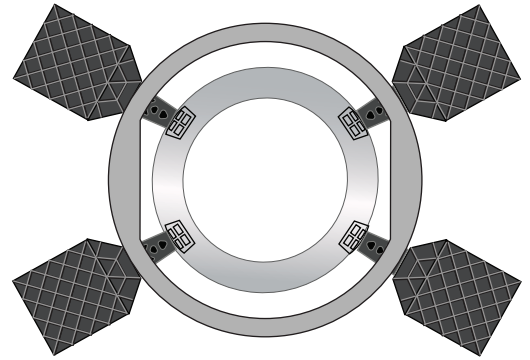




1:100 Scale



B-4



Designed by Alfonso X Moreno

©2021 Not for commercial use



1 cm

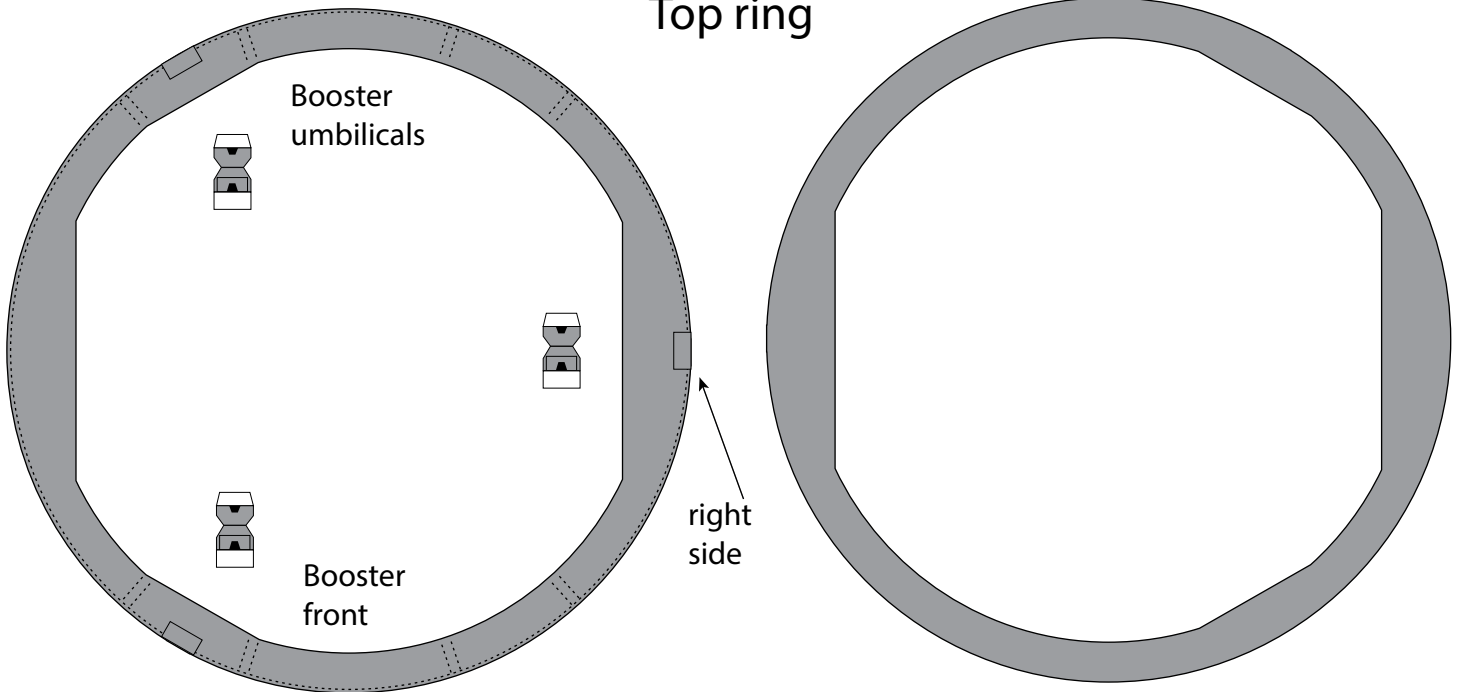
1 inch

1:100 Scale

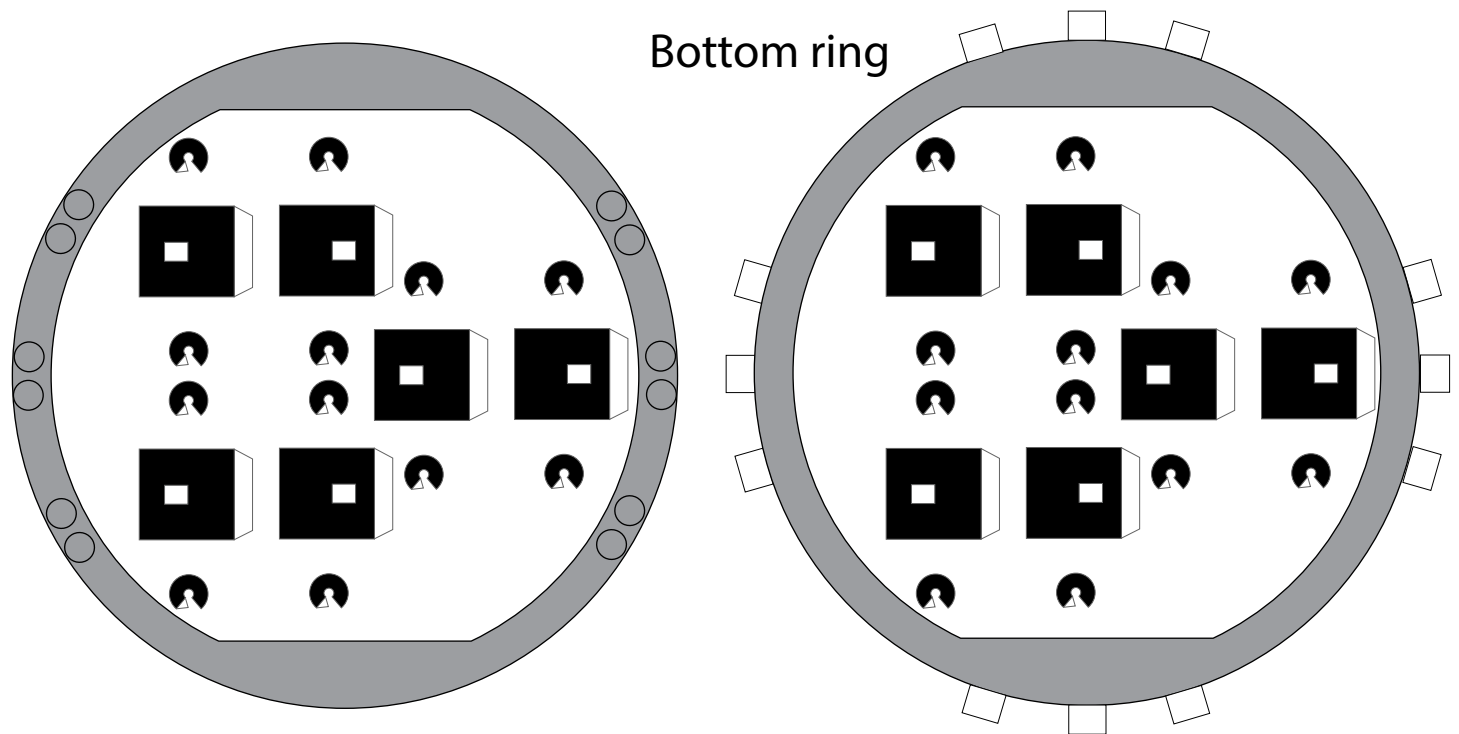
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

Top ring



Bottom ring



COPV pair
top and bottom supports



1 cm

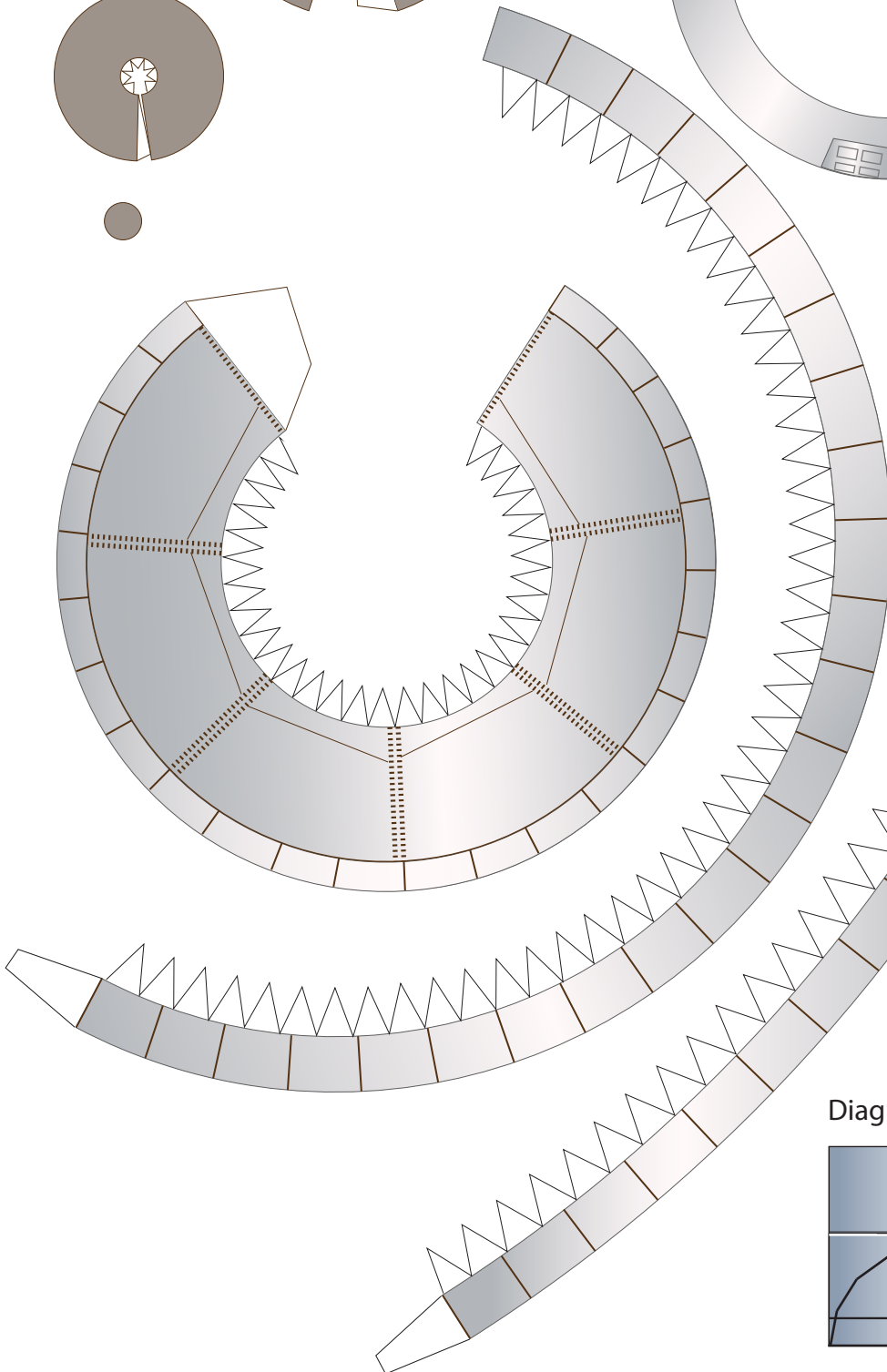
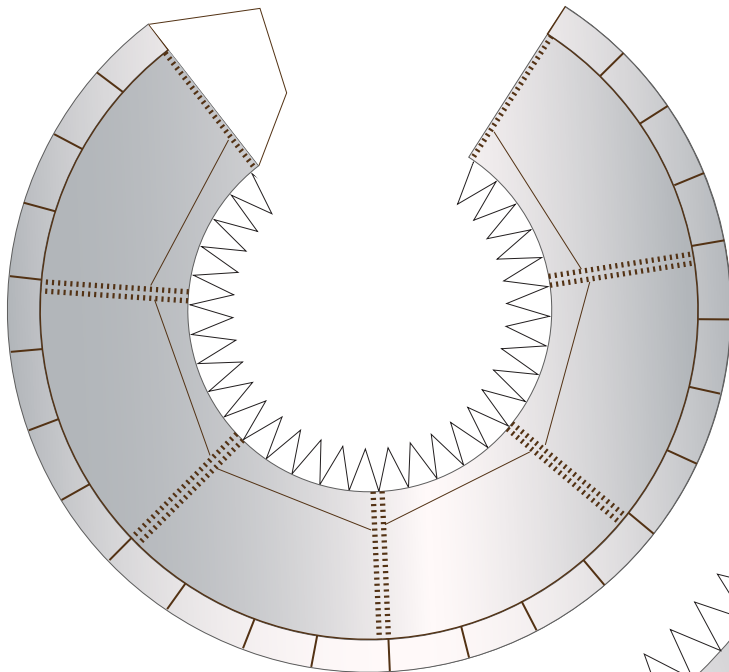
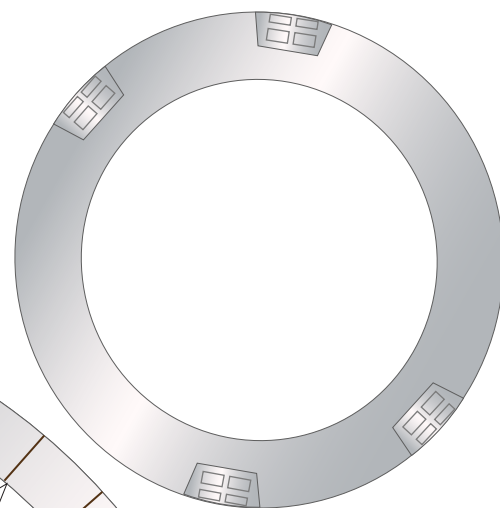
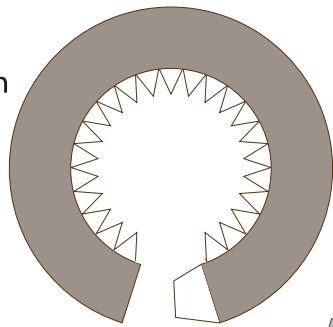
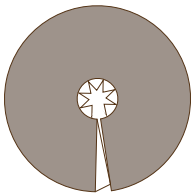
1 inch

1:100 Scale

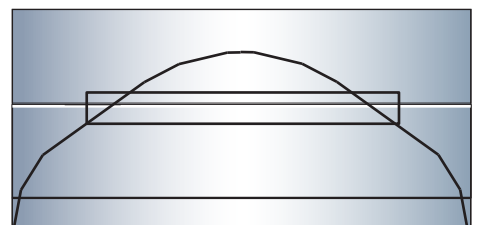
cut

SuperHeavy BN-4 Upper Dome

Print on Cardstock (110 lbs)



Diagram





1:100 Scale

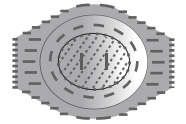
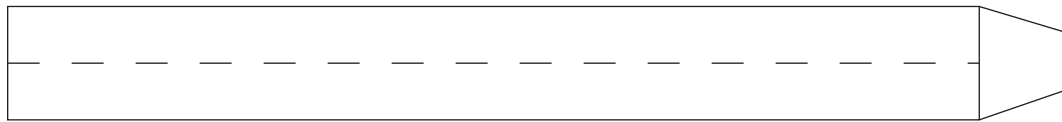
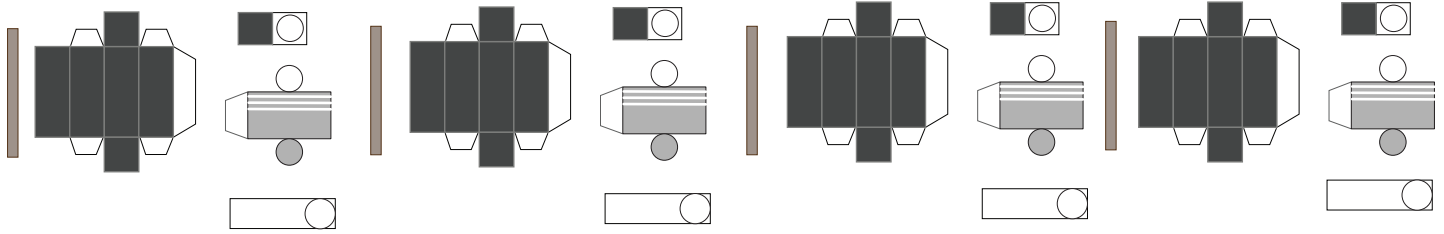
1 cm

1 inch

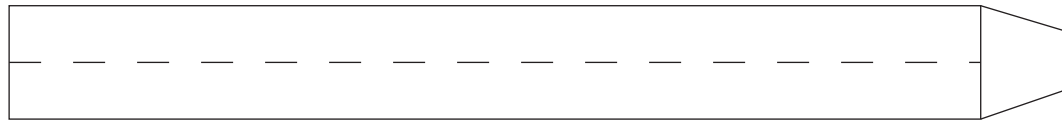
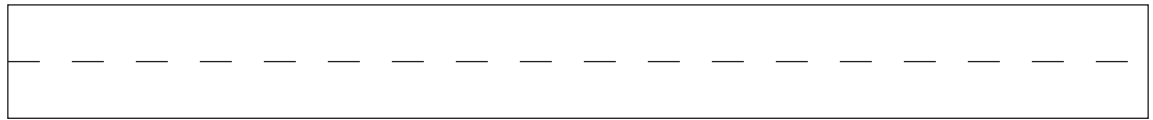
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

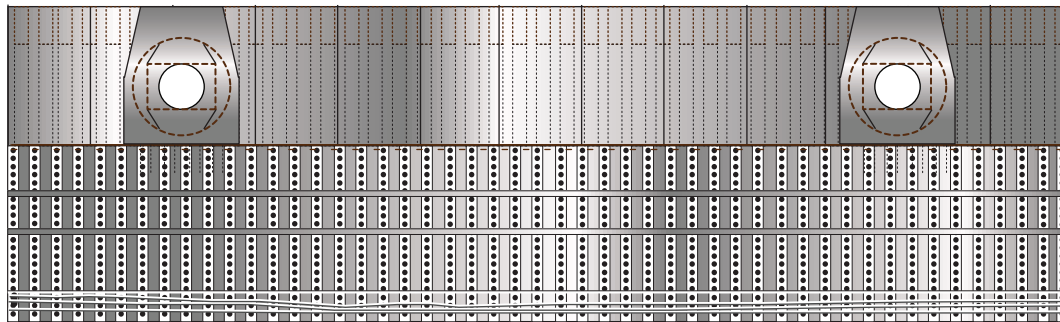
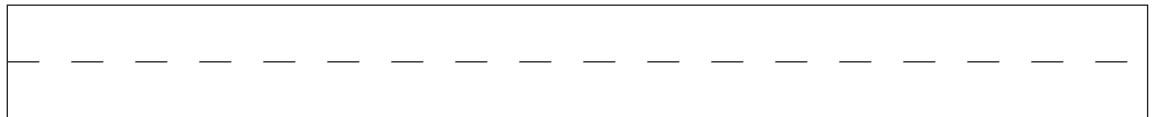
Grid Fins servo motors and Connectors for each body segment



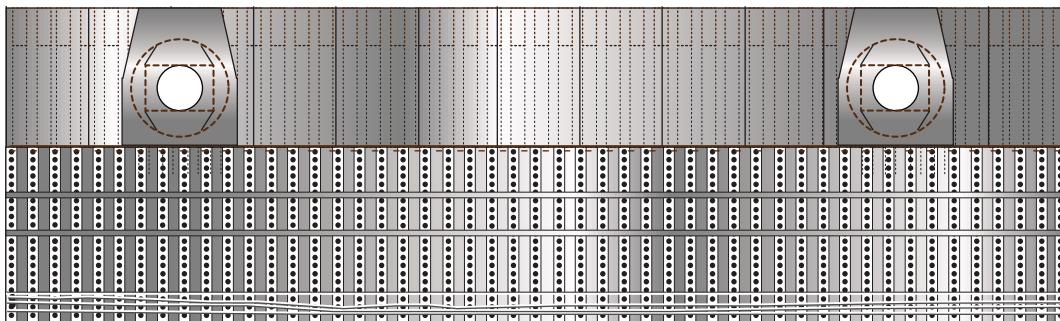
top/middle



middle/bottom



Interior wall
for upper dome
section





1 cm

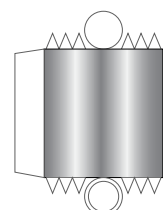
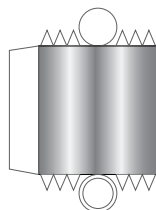
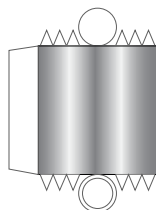
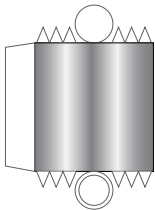
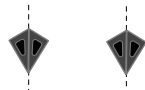
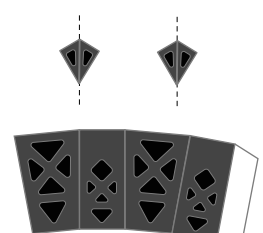
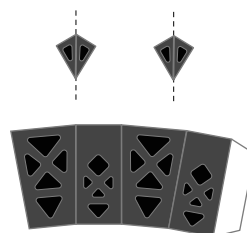
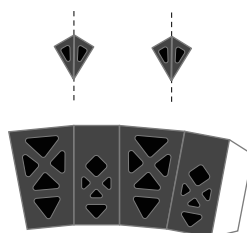
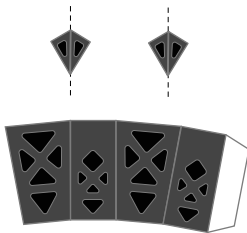
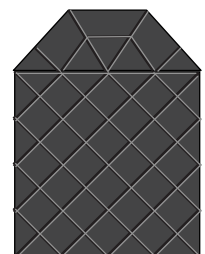
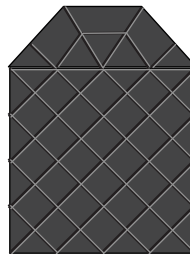
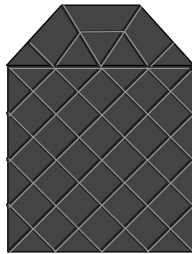
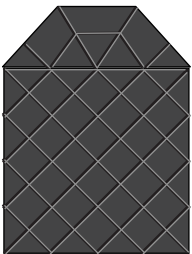
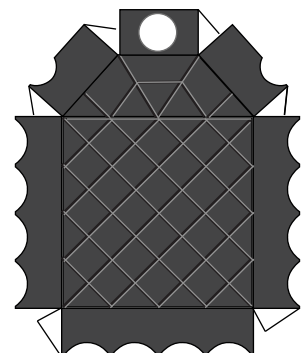
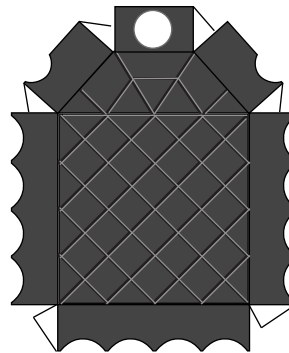
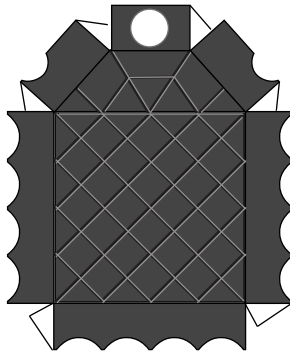
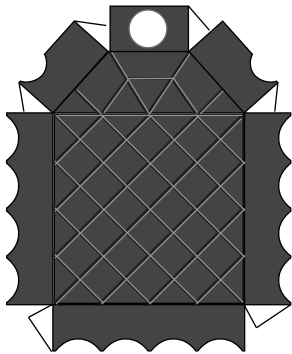
1 inch

1:100 Scale

SuperHeavy BN-4 Grid Fins

Print on Cardstock (110 lbs)

Simple version





1 cm

1 inch

1:100 Scale

SuperHeavy BN-4 Grid Fins

Print on Cardstock (110 lbs)

Back Print





1 cm

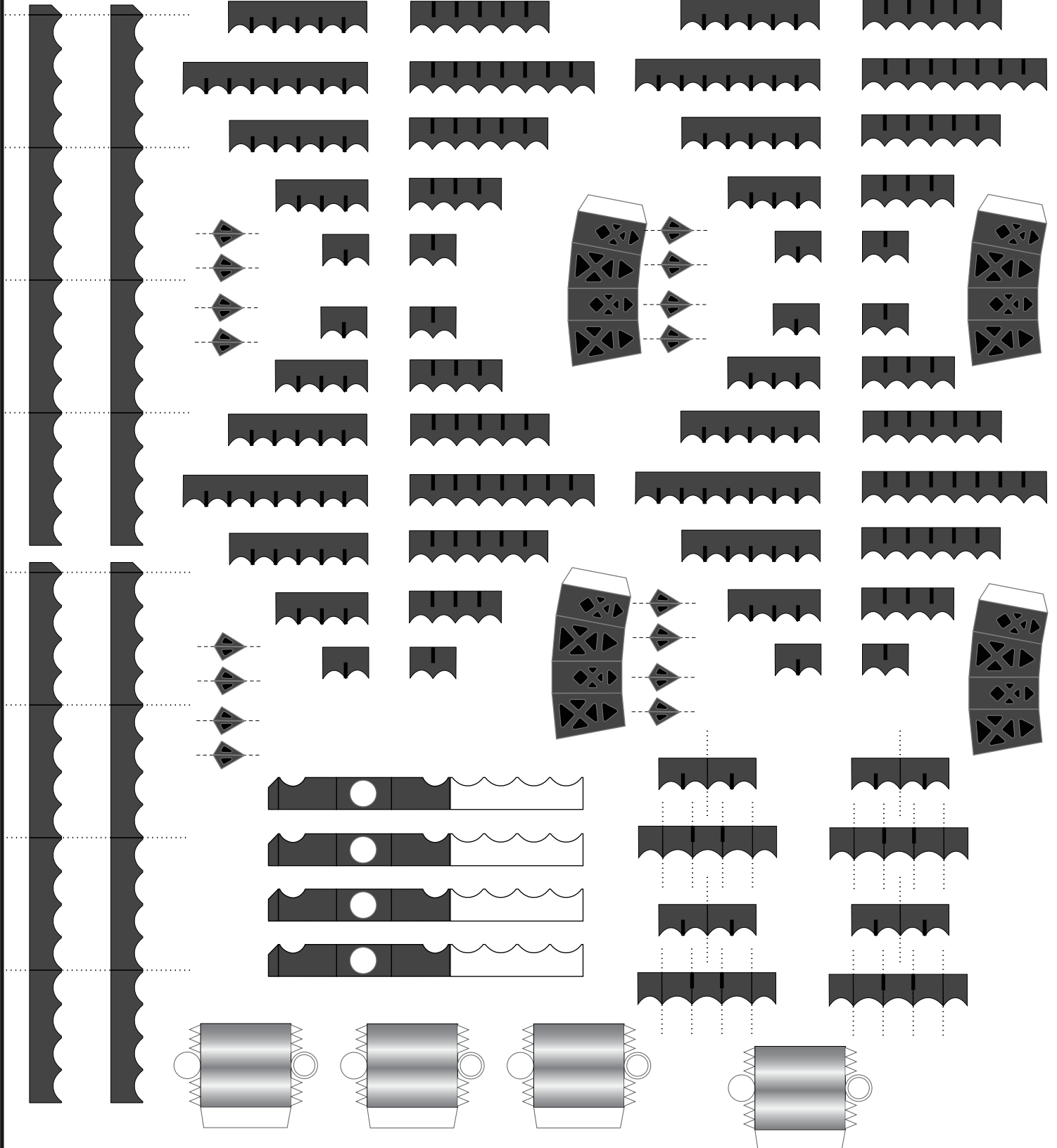
1 inch

1:100 Scale

SuperHeavy BN-4 Grid Fins

Print on Cardstock (110 lbs)

Detailed version





SuperHeavy BN-4 Grid Fins

Print on Cardstock (110 lbs)





1:100 Scale

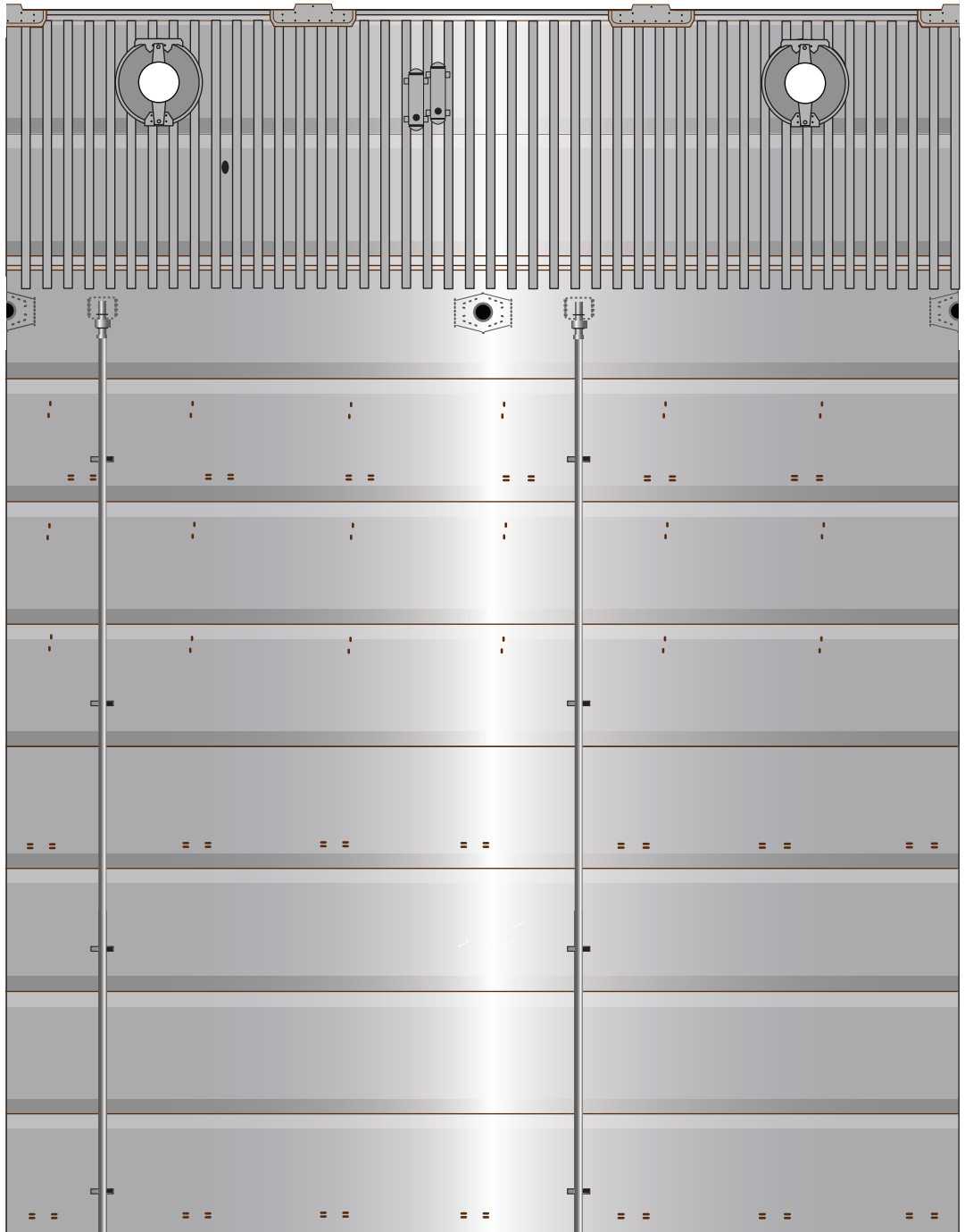
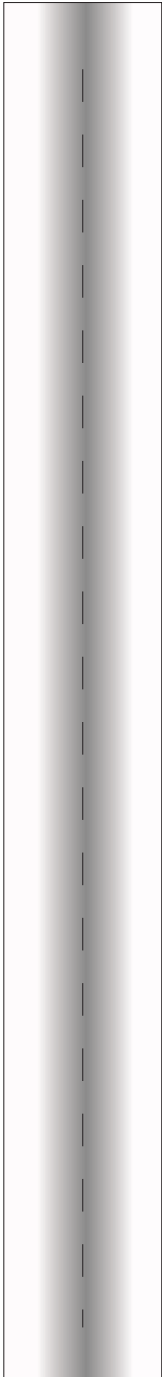
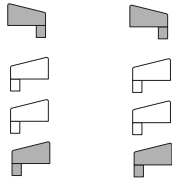
1 cm

1 inch

SpaceX BN4

Print on Cardstock (110 lbs)

Belly side top





1:100 Scale

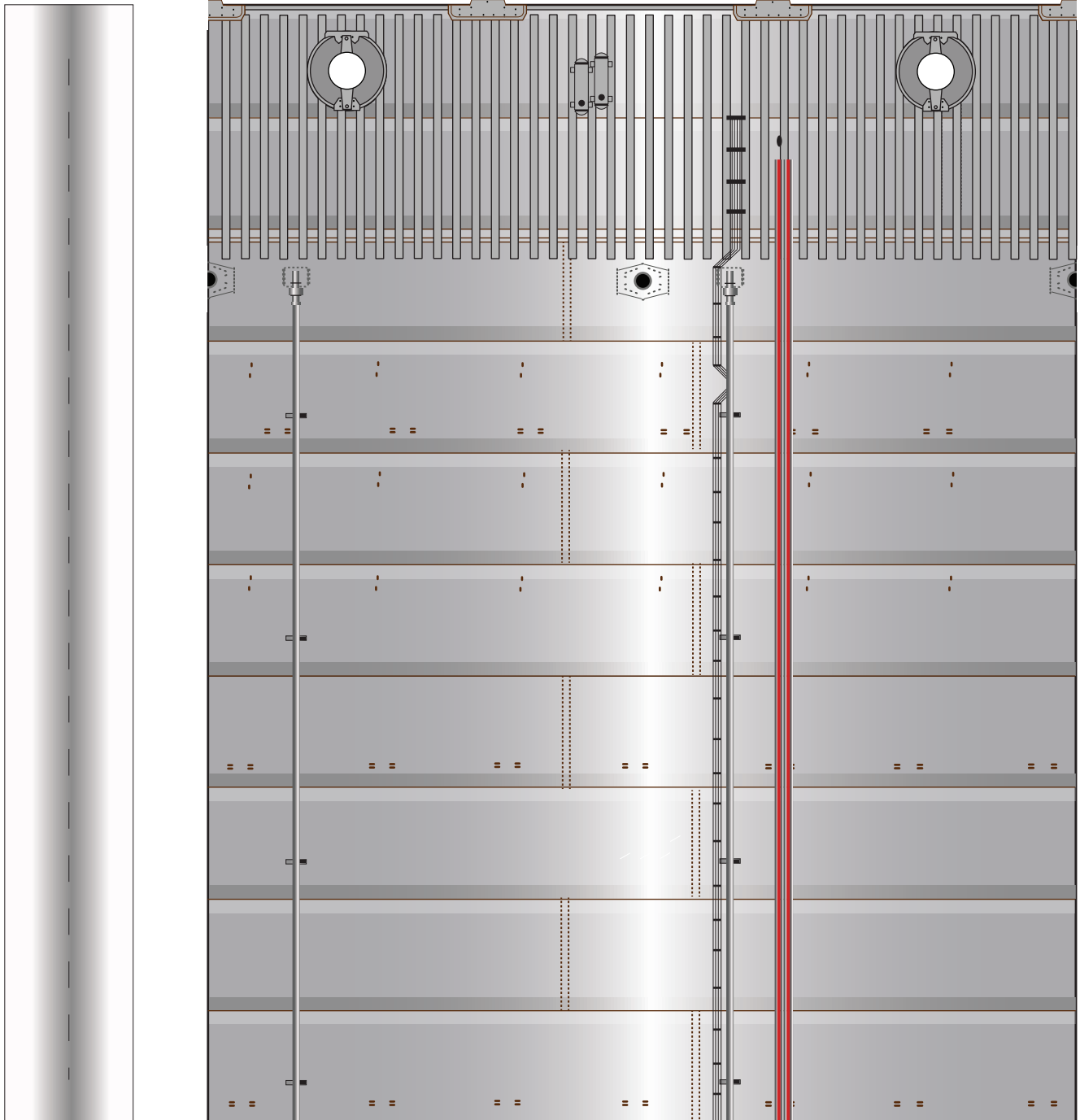
1 cm

1 inch

SpaceX BN4

Print on Cardstock (110 lbs)

Back side top





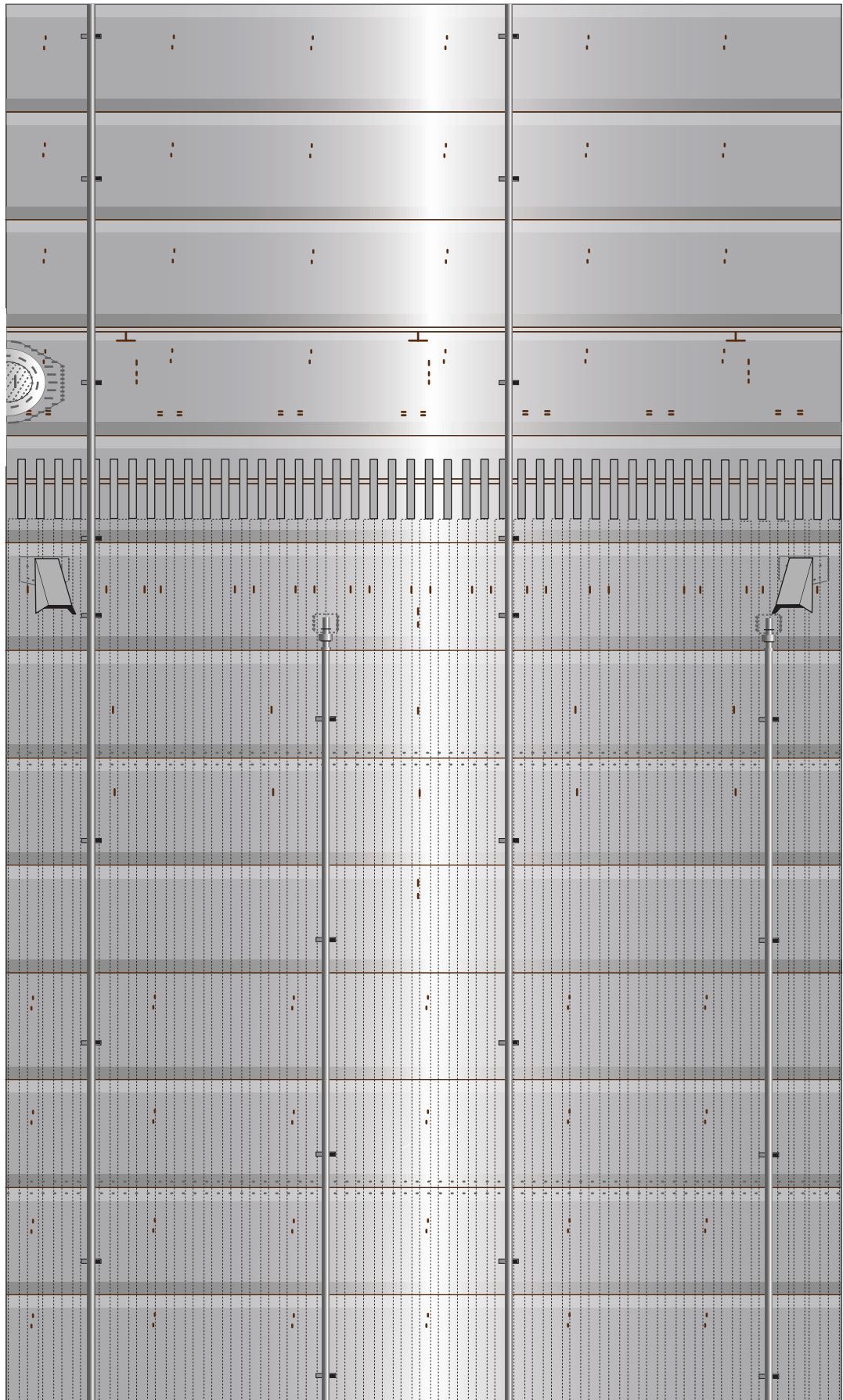
1:100

1 cm

SpaceX BN4

Print on Cardstock (110 lbs)
Belly side middle

inch





1 cm

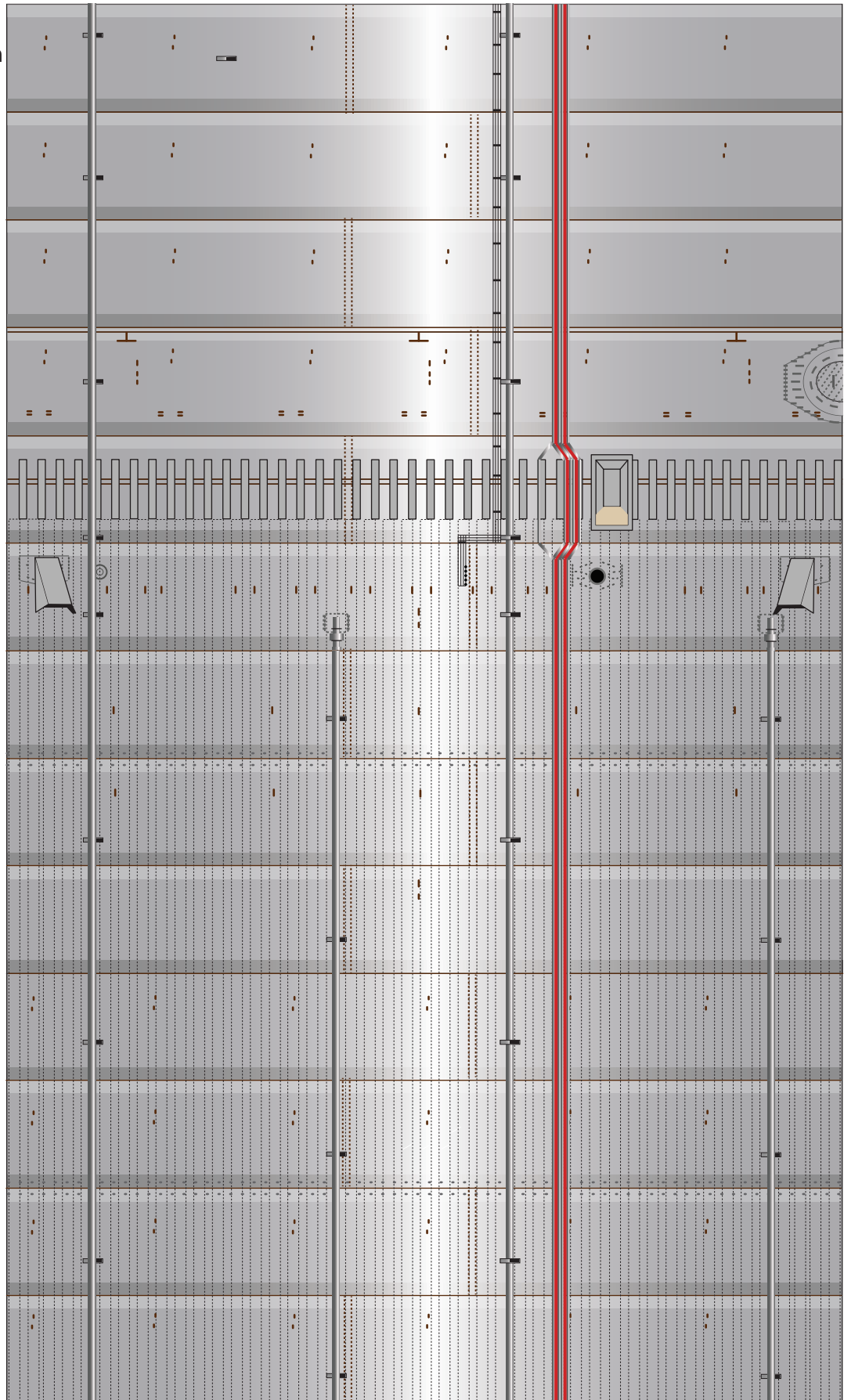
SpaceX BN4

Print on Cardstock (110 lbs)

Back side middle

1:100

inch





1:100 Scale

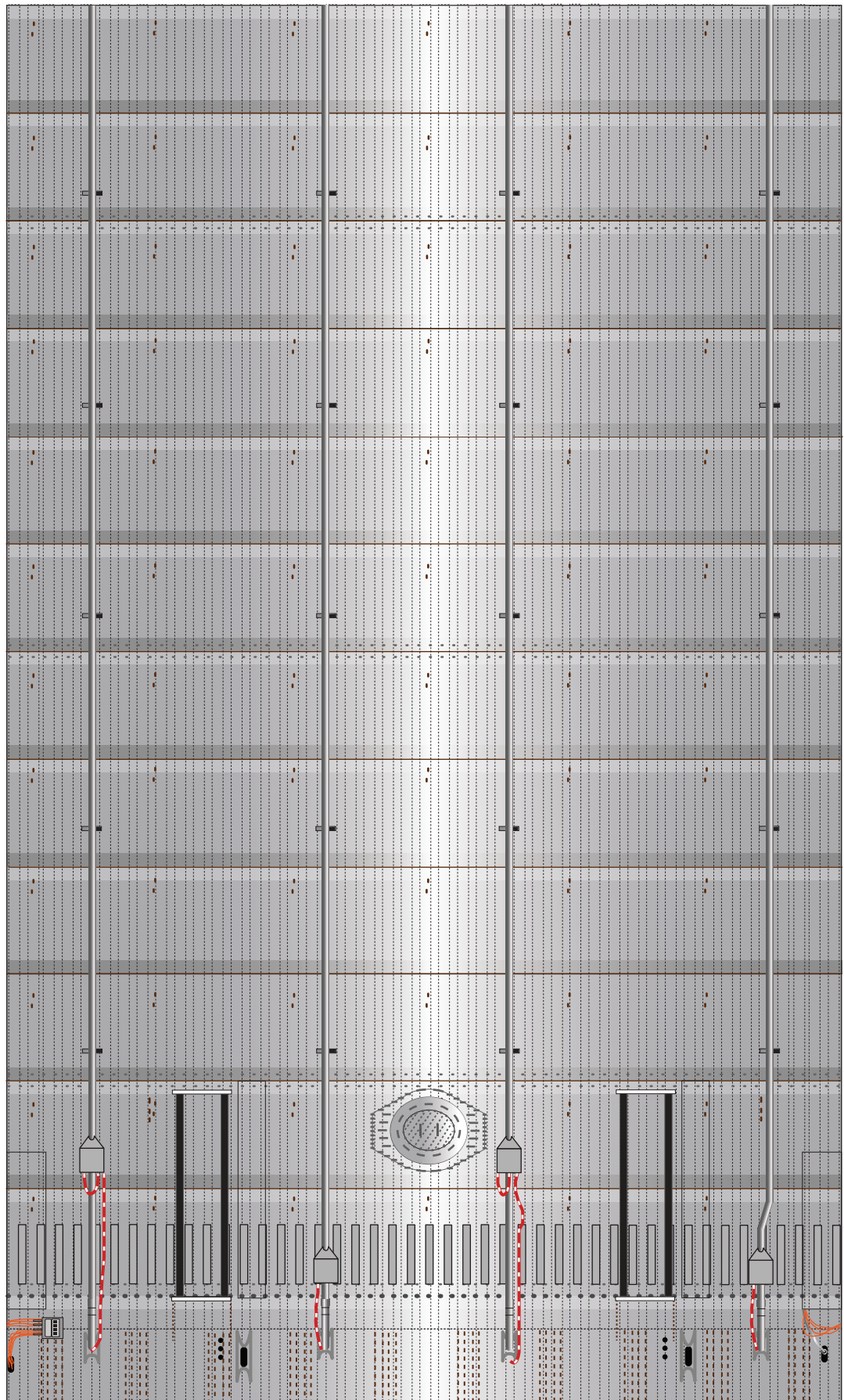
1 cm

1 inch

SpaceX BN4

Print on Cardstock (110 lbs)

Belly side bottom





1:100 Scale

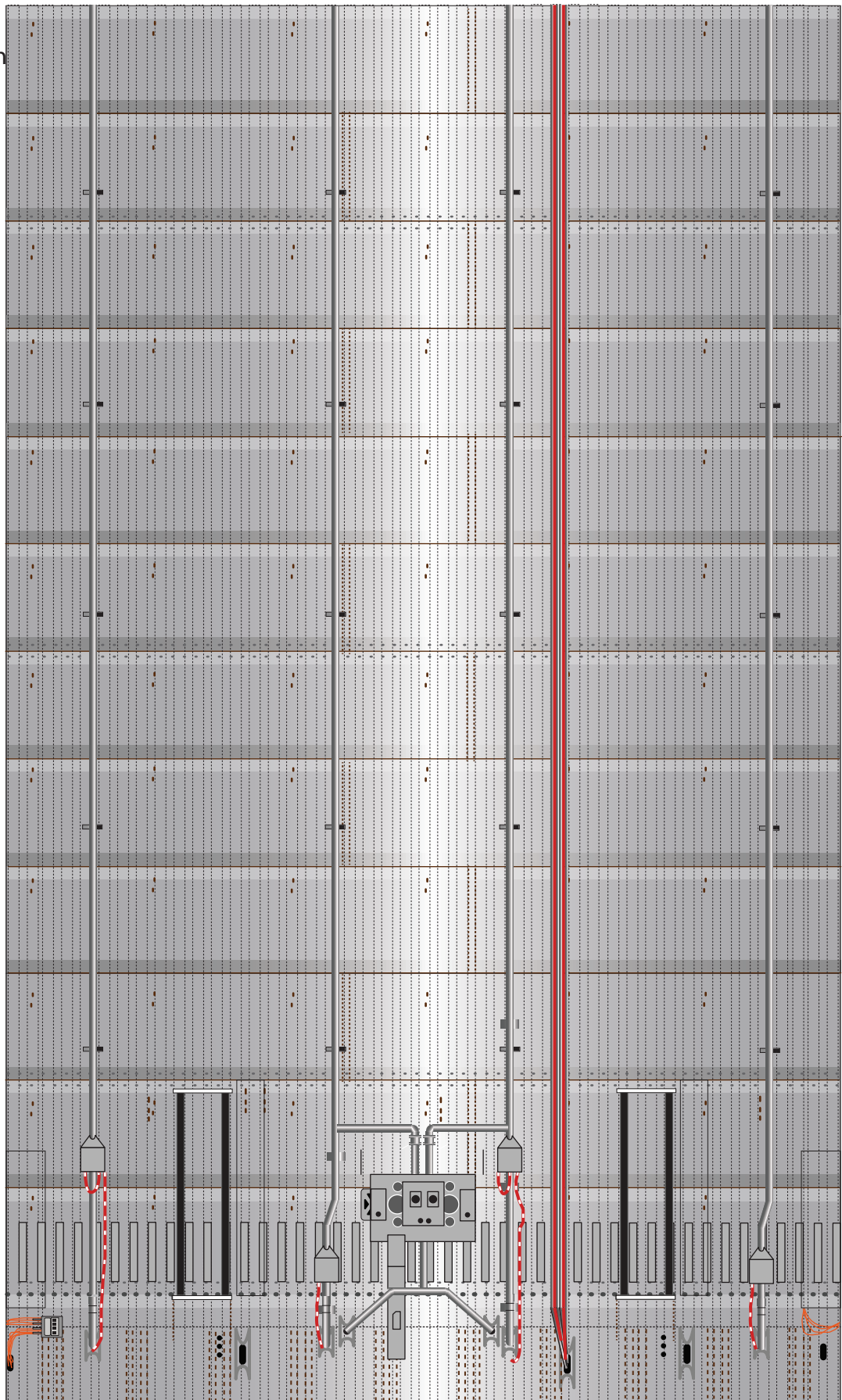
1 cm

1 inch

SpaceX BN4

Print on Cardstock (110 lbs)

Back side bottom





1 cm

1 inch

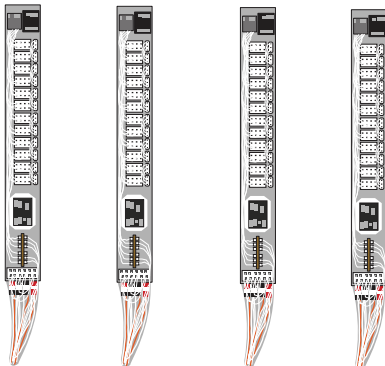
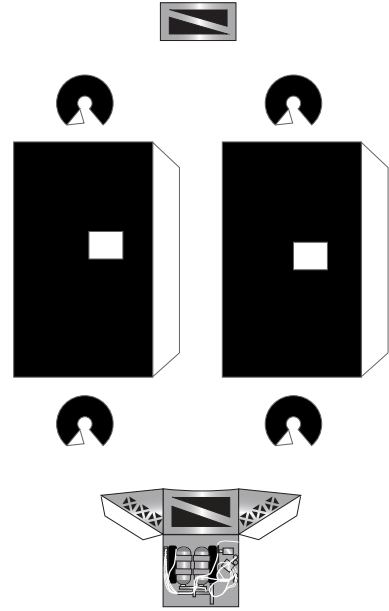
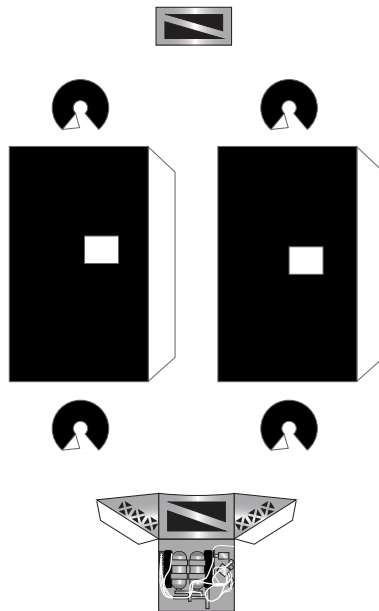
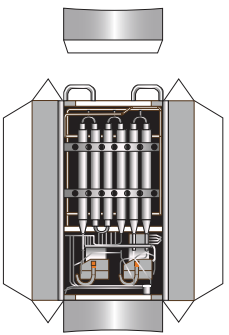
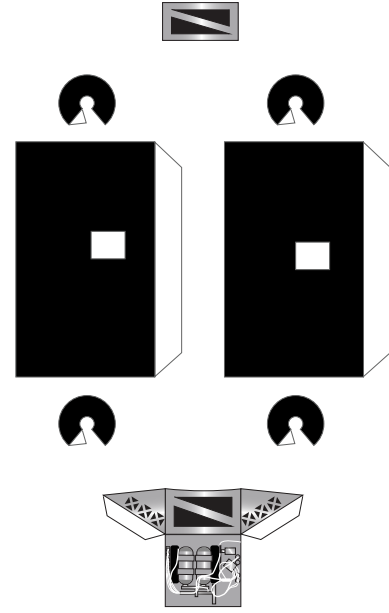
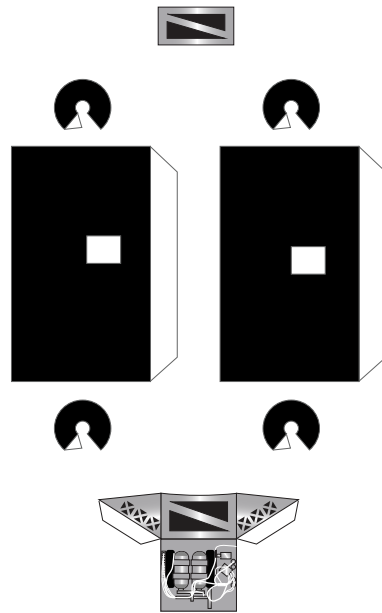
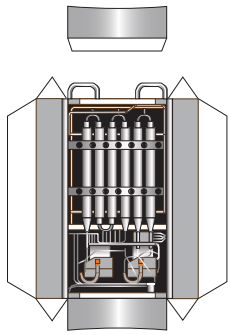
1:100 Scale

SpaceX BN4

Print on Cardstock (110 lbs)

COPVs

Revised





1:100 Scale

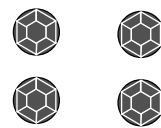
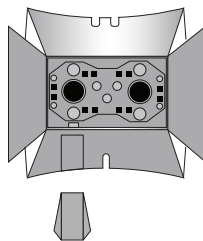
1 cm

1 inch

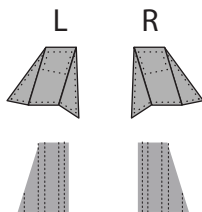
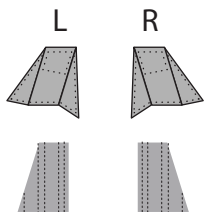
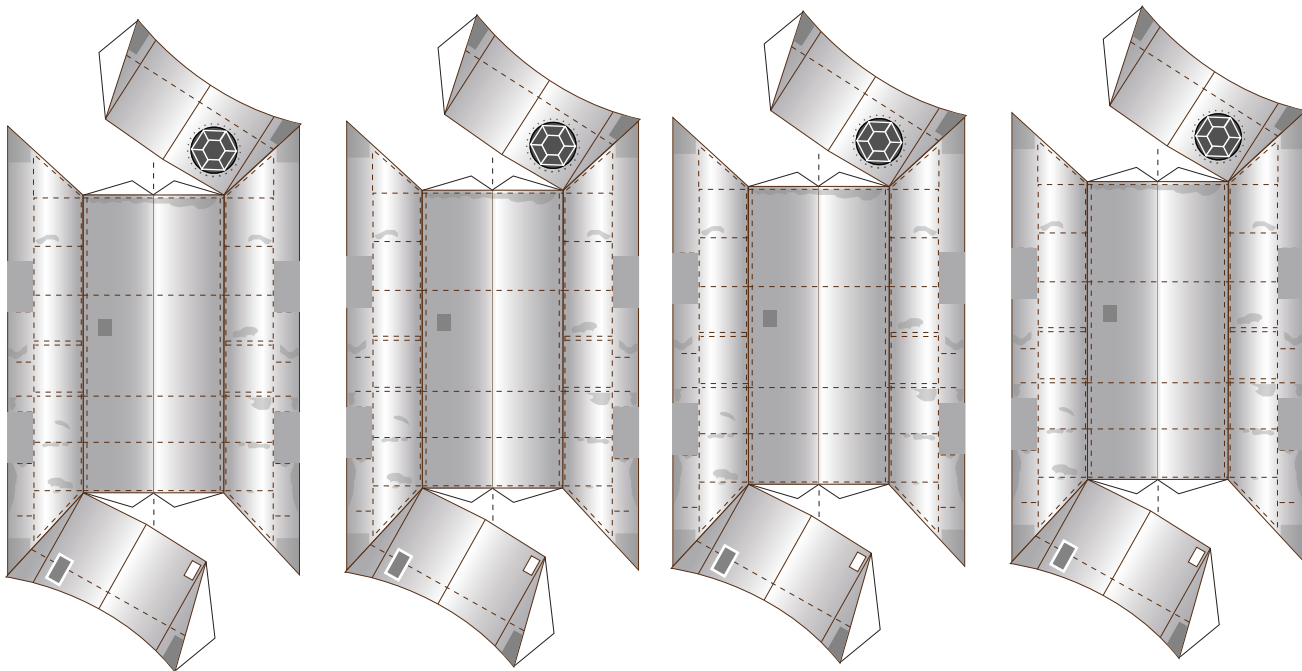
SpaceX Heavy booster 4

Print on cardstock (110 lbs)

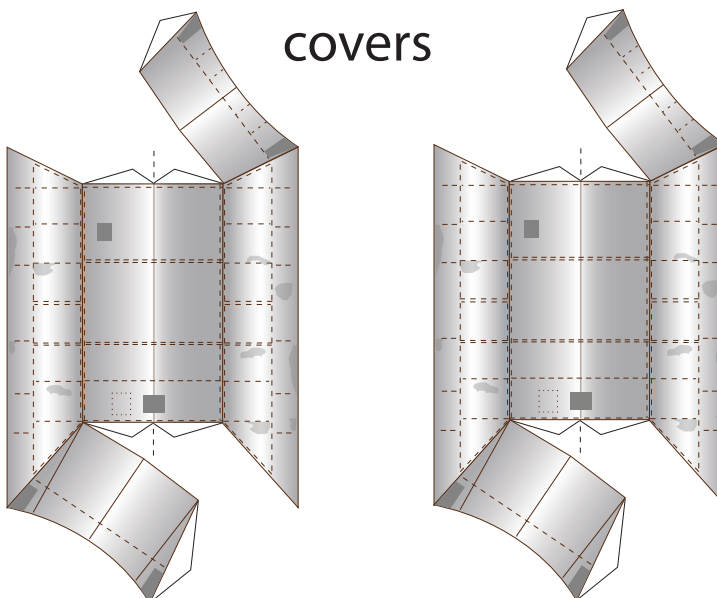
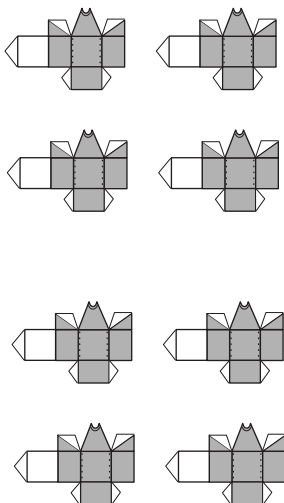
Quick
Disconnect



COPV covers



Power Units covers





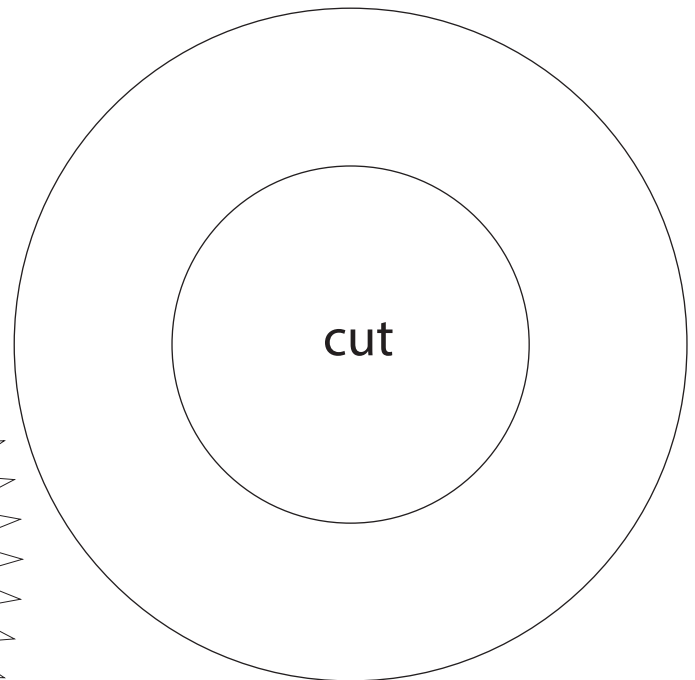
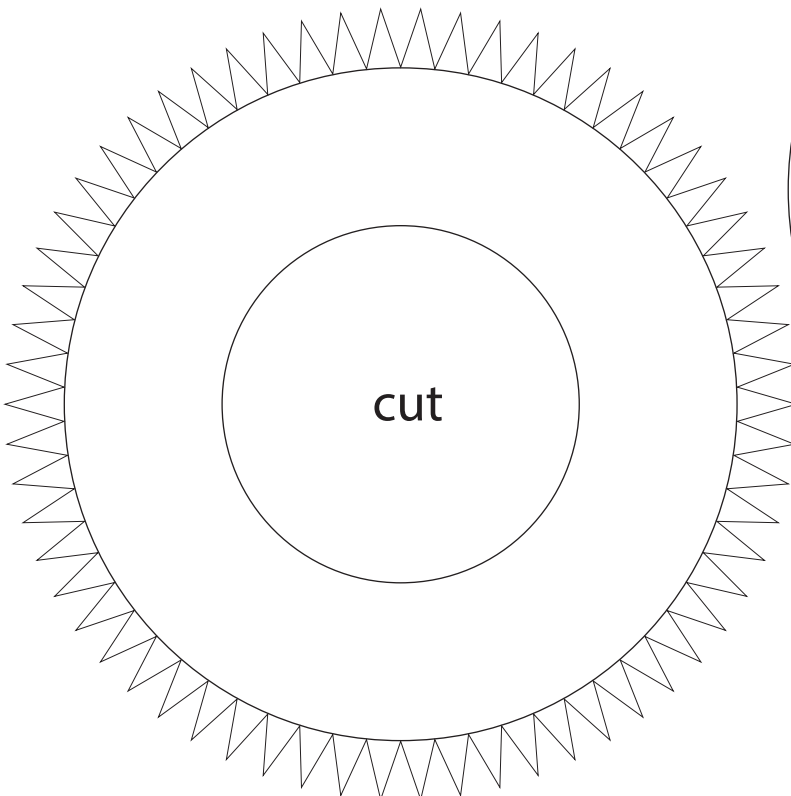
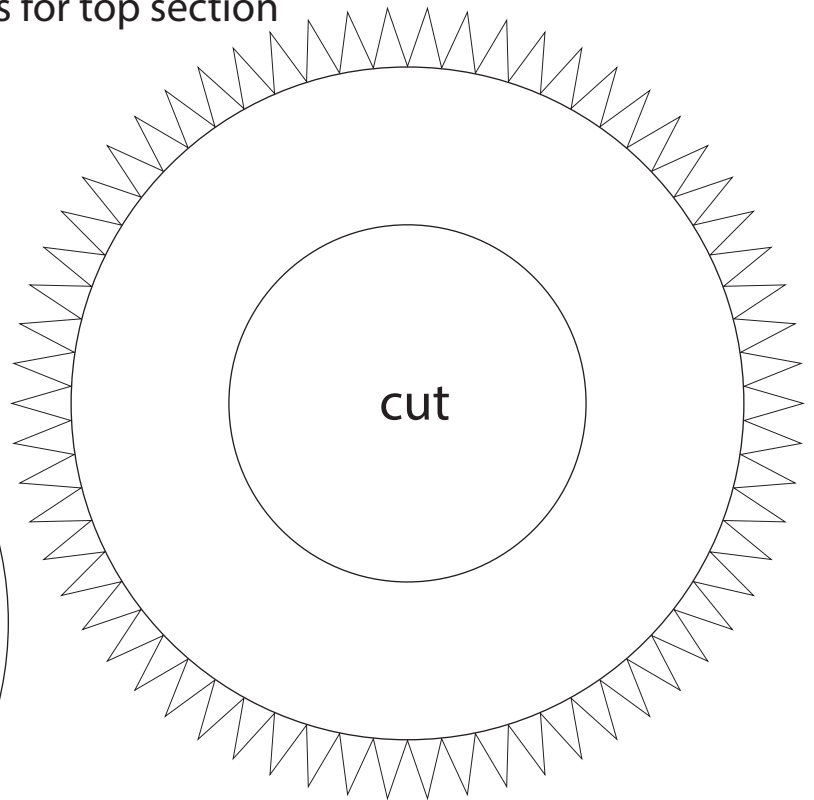
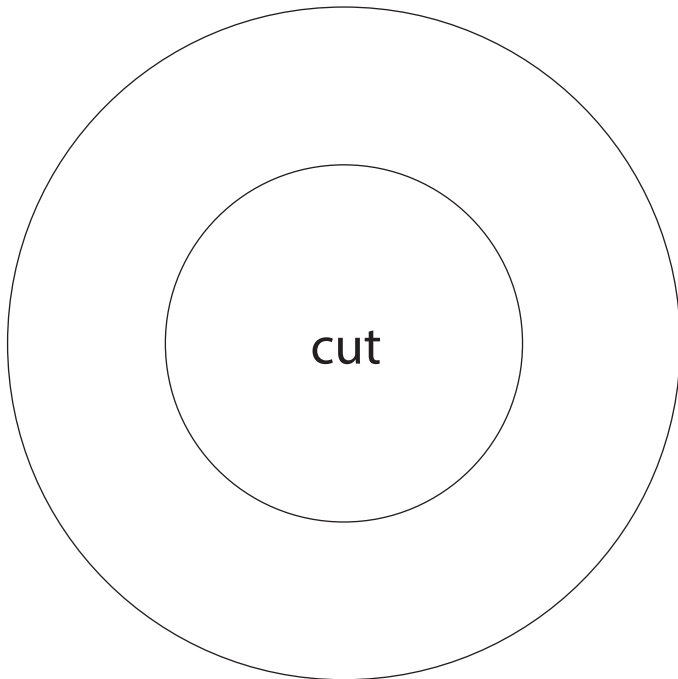
1:100 Scale



SpaceX Starship BN-4

Print on Cardstock (110 lbs)

Formers for top section

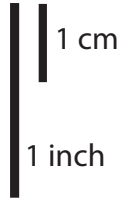


IMPORTANT

Top former is glued 42 mm from top edge of top booster section. Bottom former is glued 20 mm from bottom edge of top booster section.



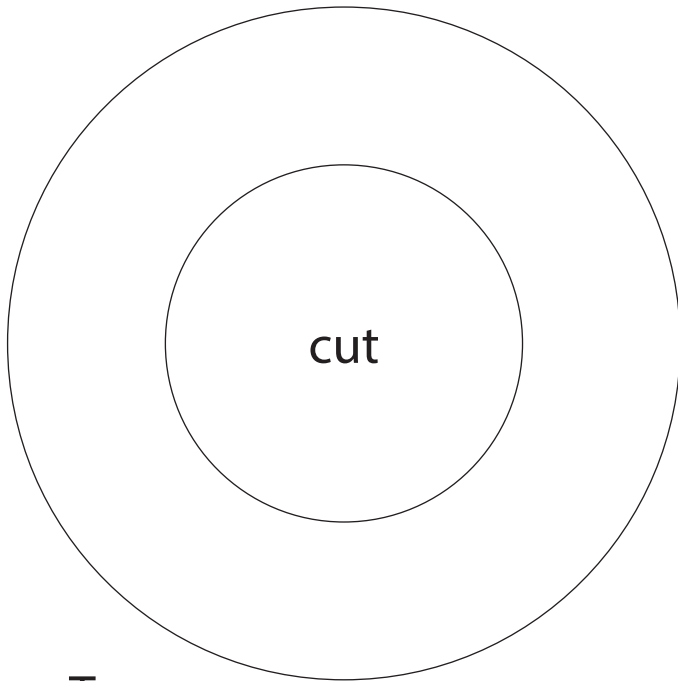
1:100 Scale



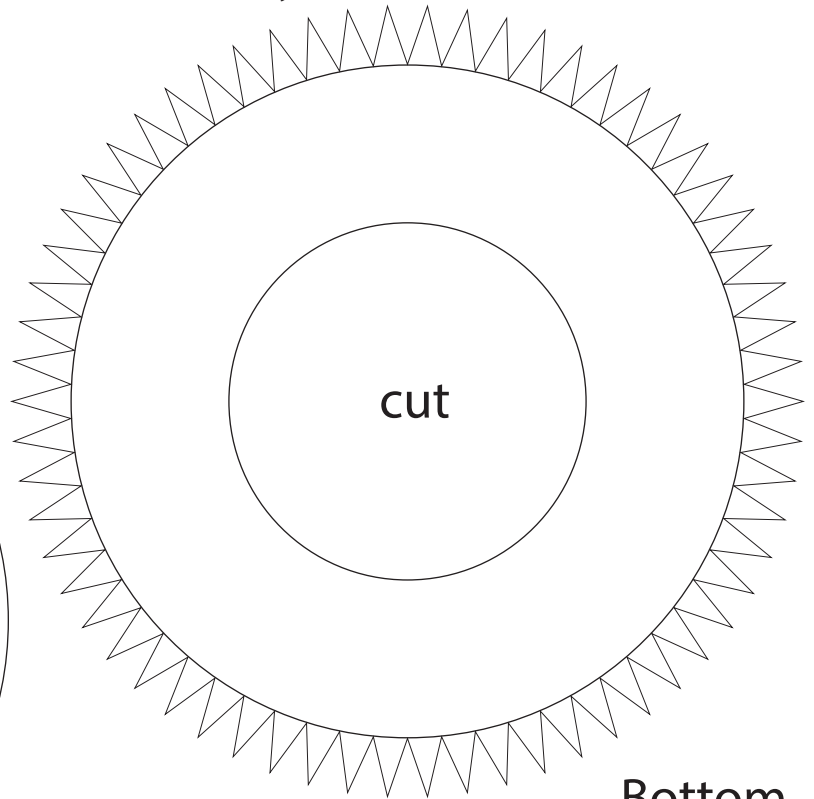
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

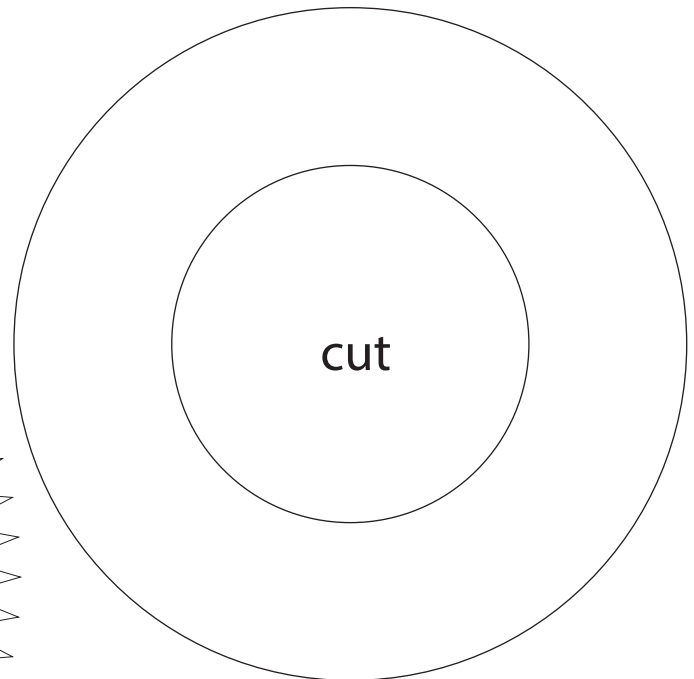
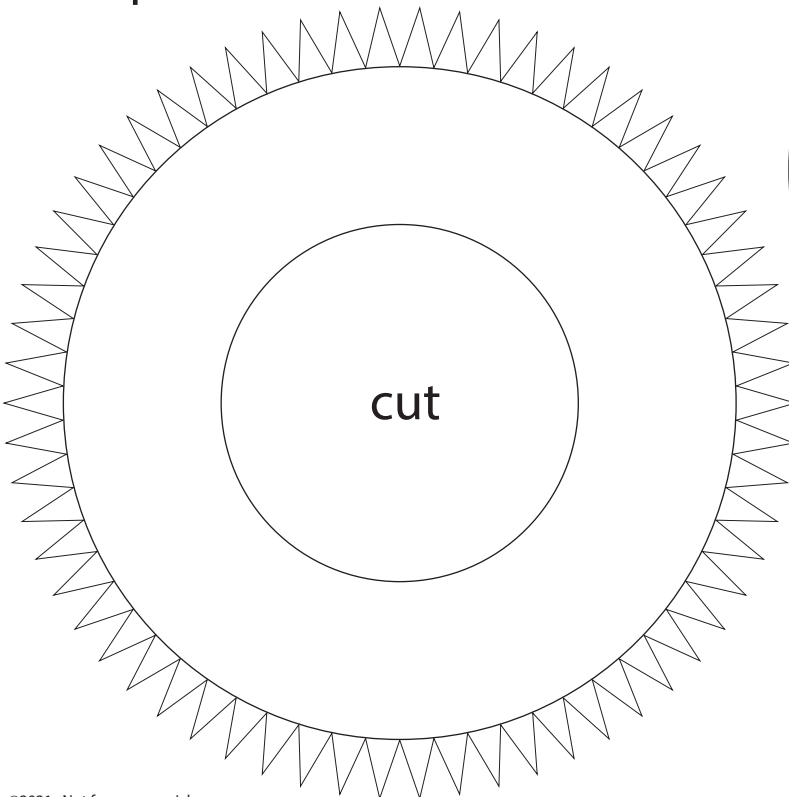
Formers for middle body



Top



Bottom



IMPORTANT

Top former is glued 20 mm from top edge of middle booster section. Bottom former is glued 20 mm from bottom edge of middle booster section.



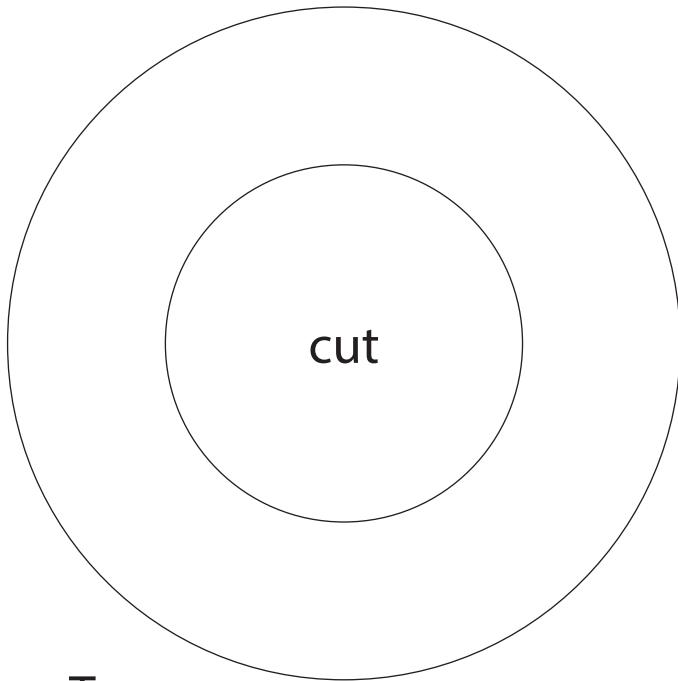
1:100 Scale



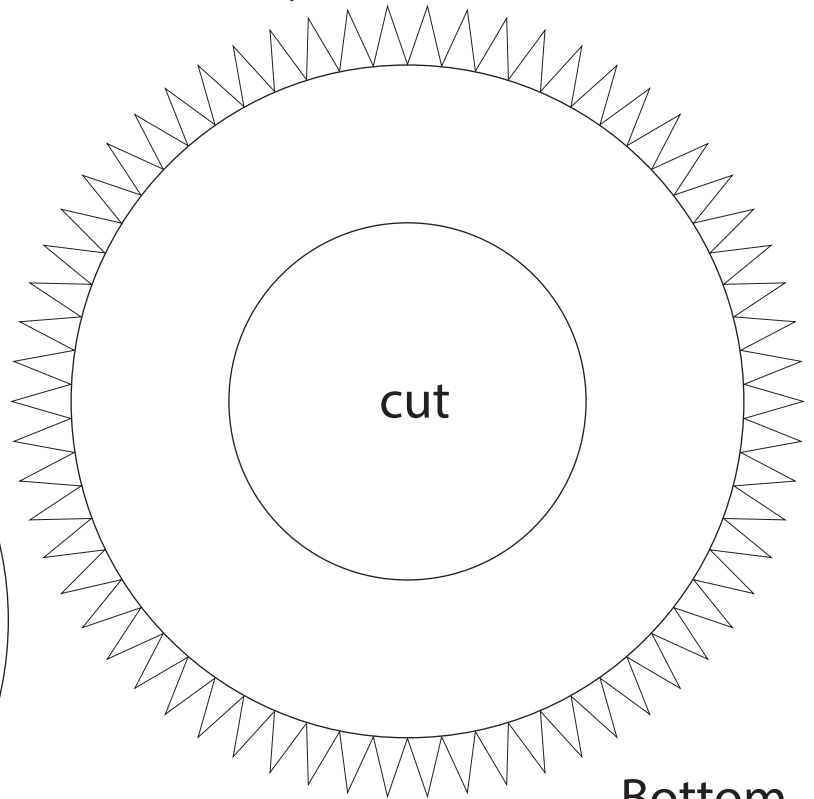
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

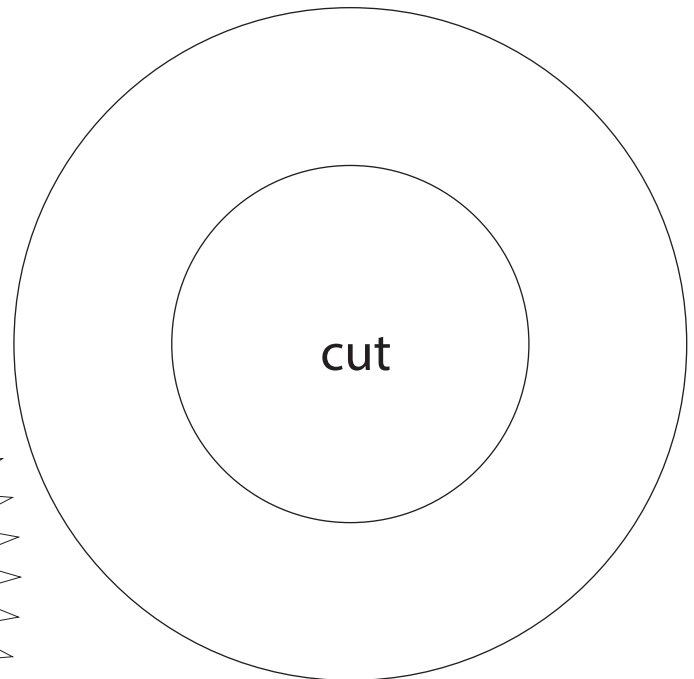
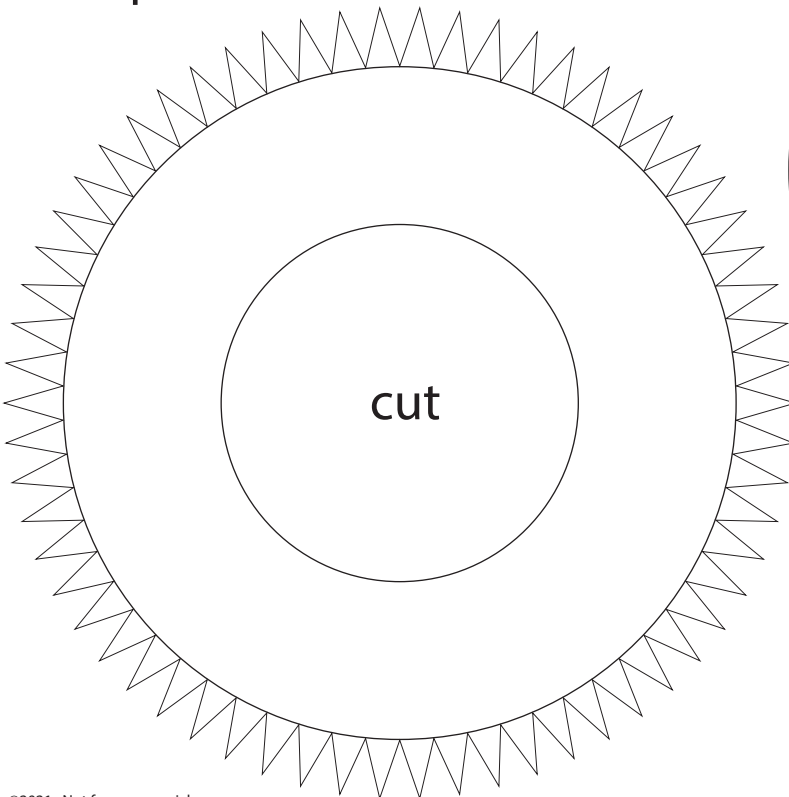
Formers for bottom body



Top



Bottom



IMPORTANT

Top former is glued 20 mm from top edge of bottom booster section. Bottom former is glued 19 mm from bottom edge of bottom booster section.



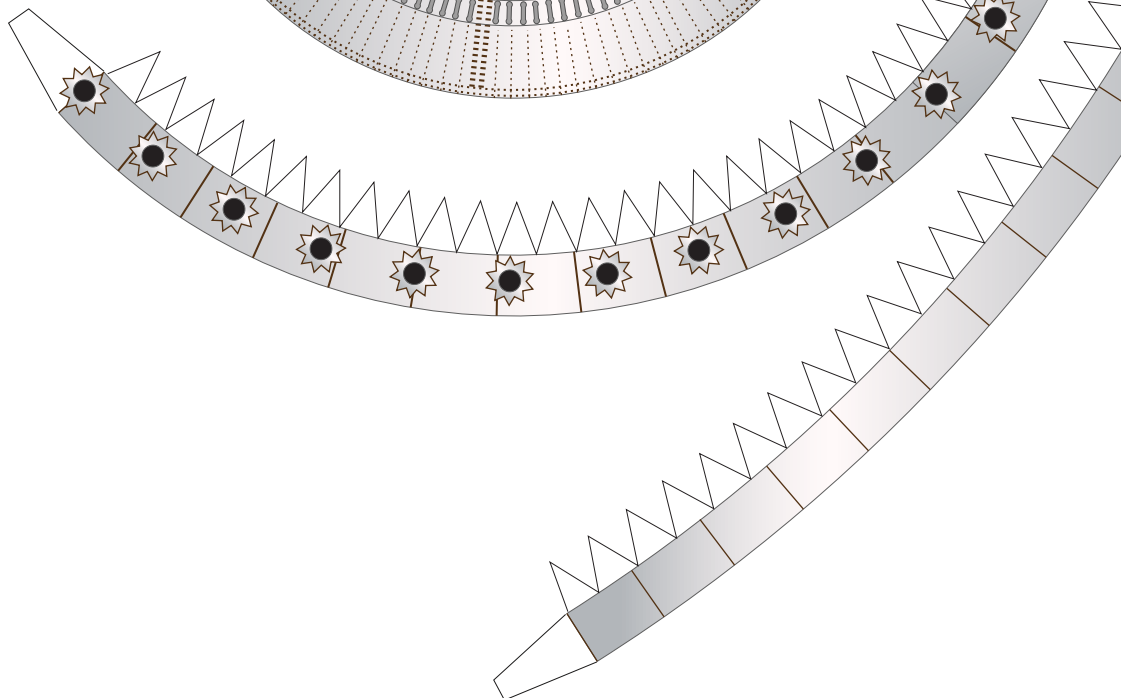
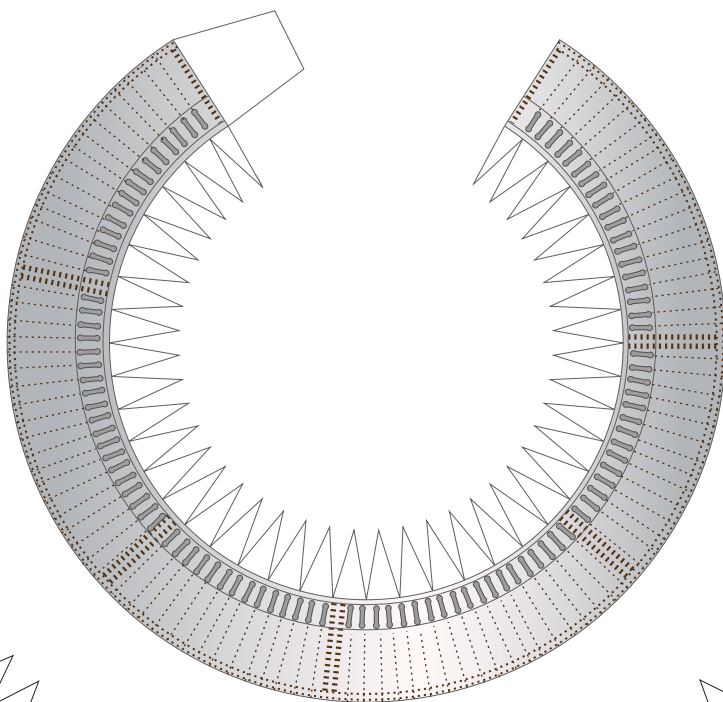
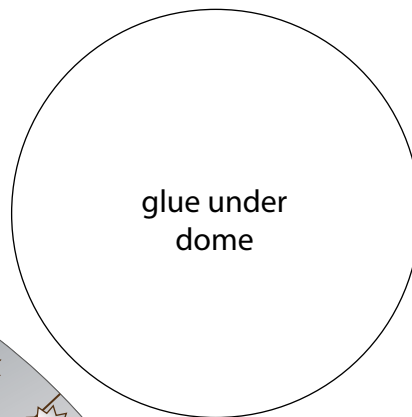
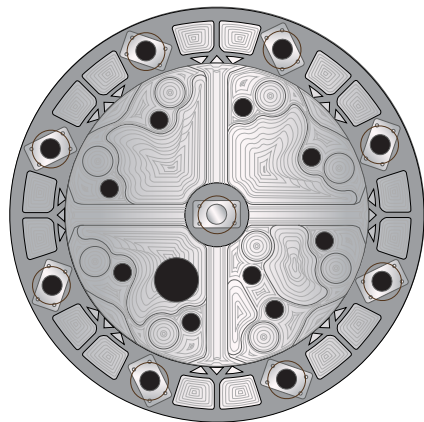
1:100 Scale

1 cm

1 inch

SuperHeavy Bulkhead

Print on Cardstock (110 lbs)





1 cm

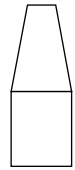
1 inch

1:100 Scale

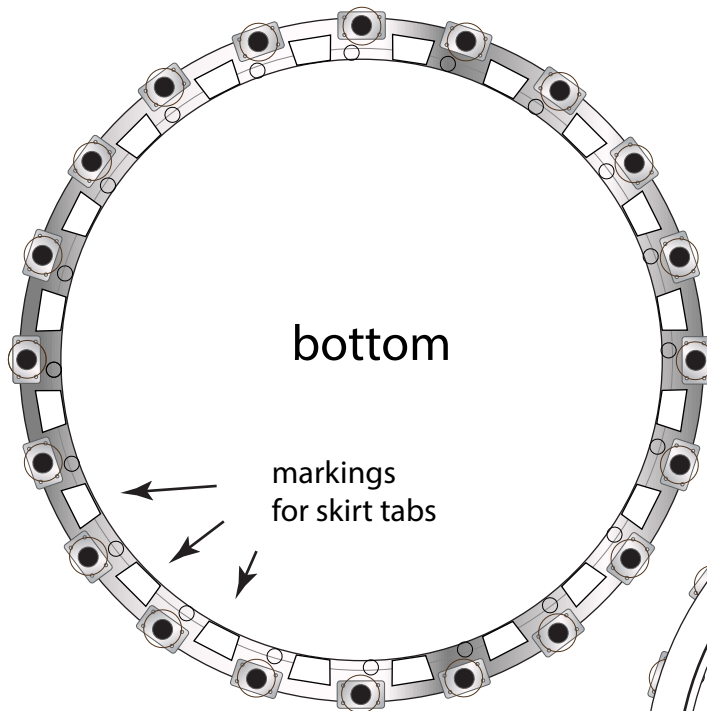
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

Revised

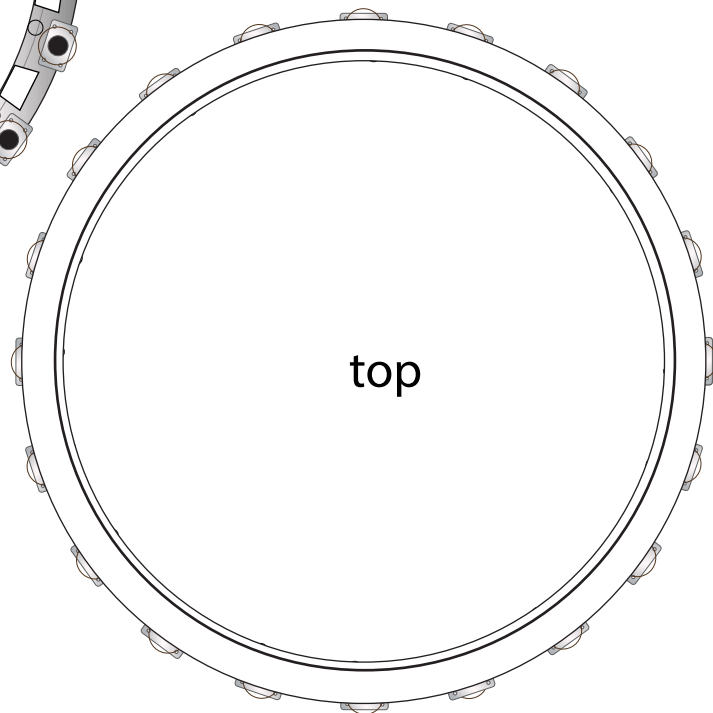


Outer Raptor ring



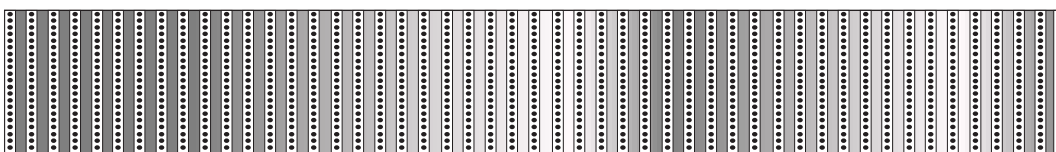
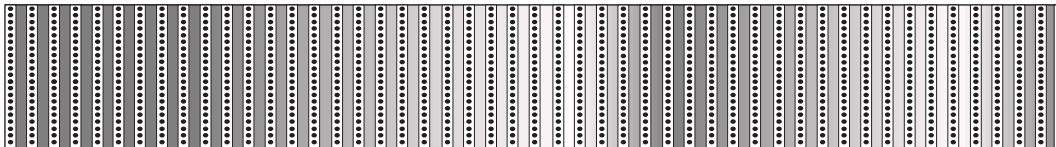
bottom

markings
for skirt tabs



top

Engine section interior skin





1 cm

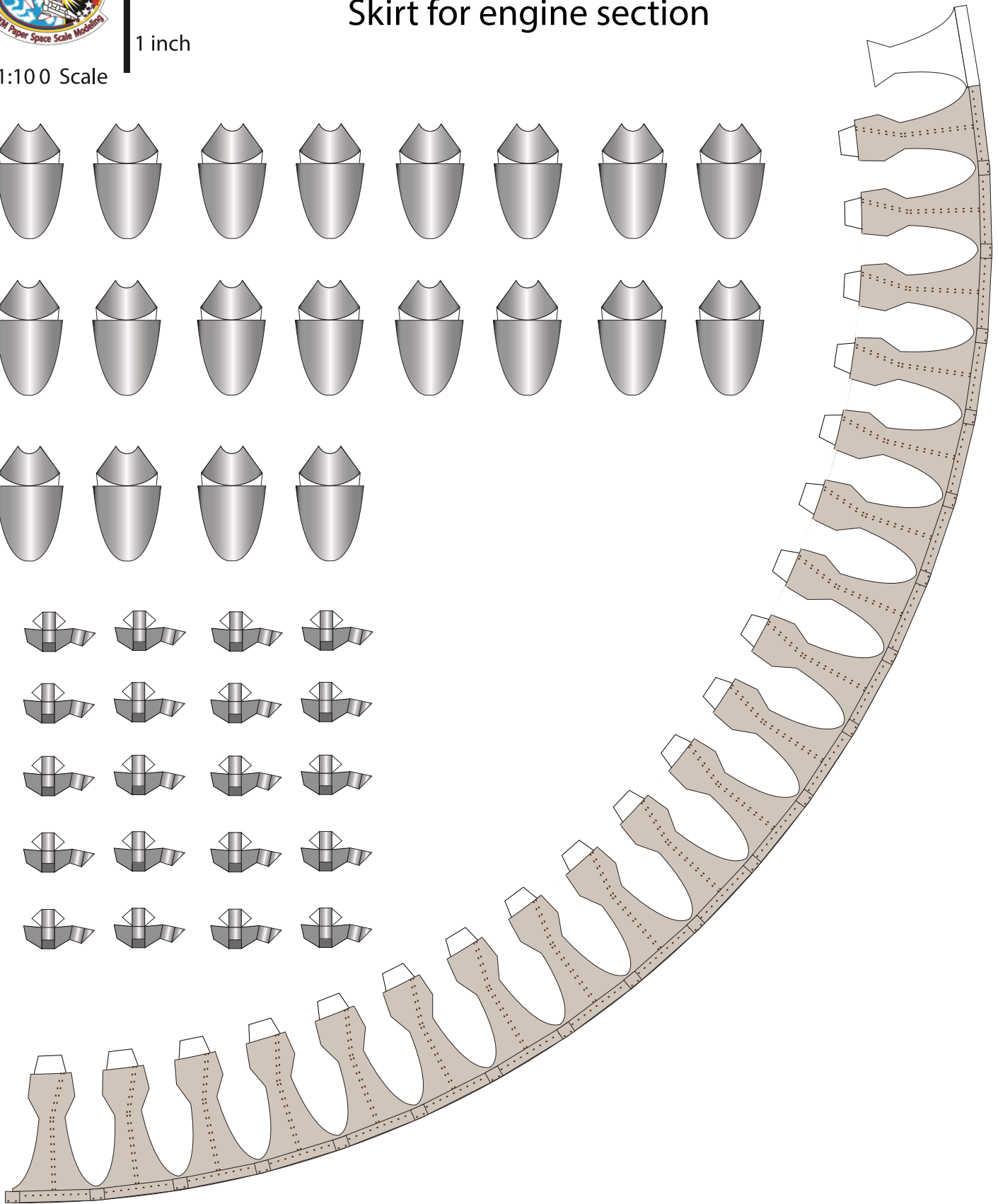
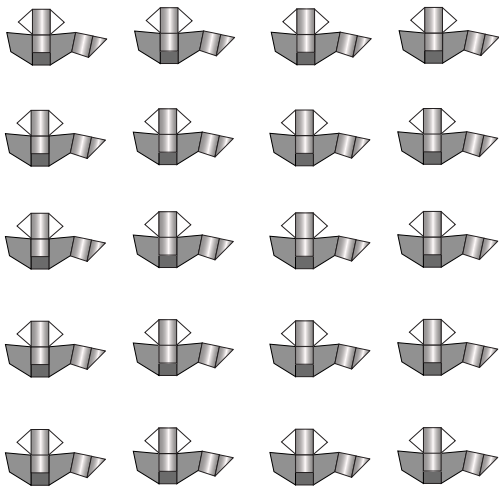
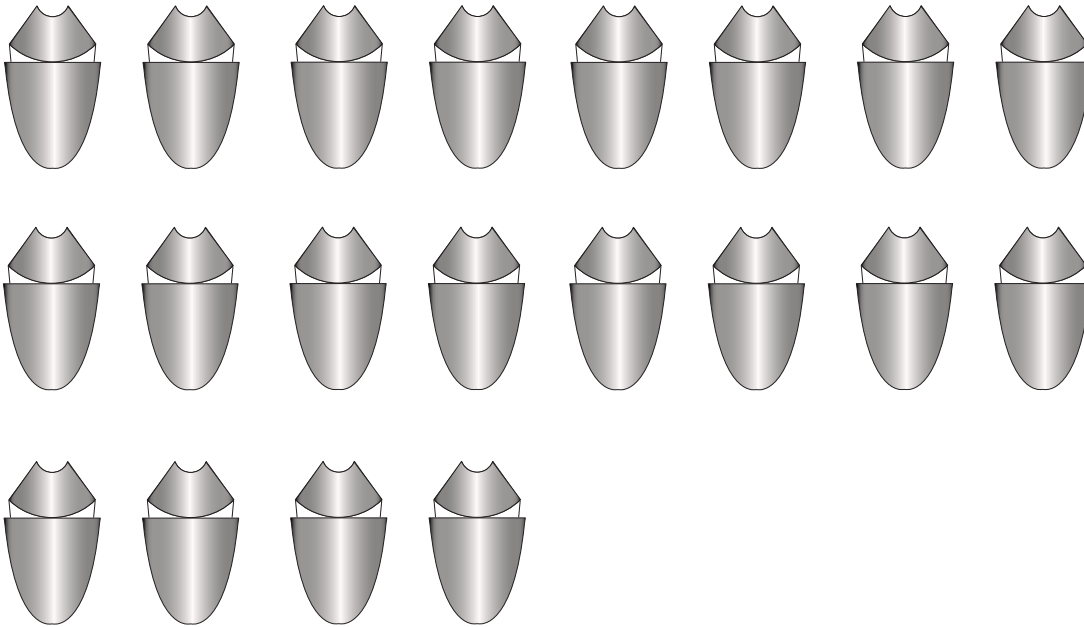
1 inch

1:100 Scale

SpaceX Heavy Booster 4

Print on Cardstock (90 lbs)

Skirt for engine section





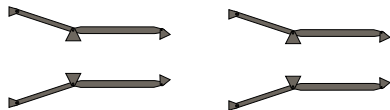
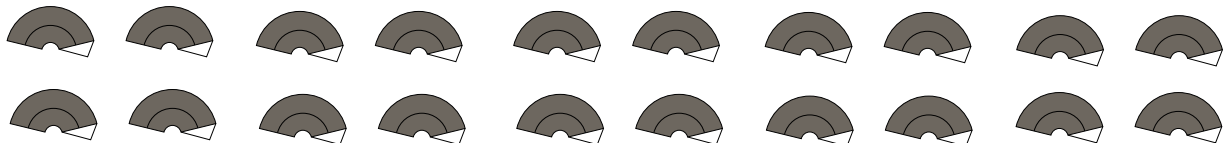
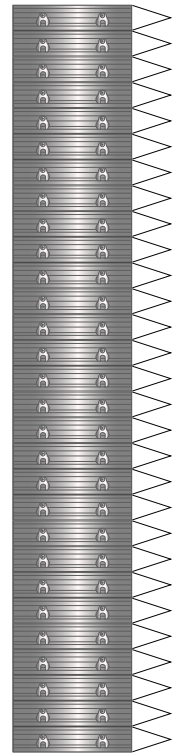
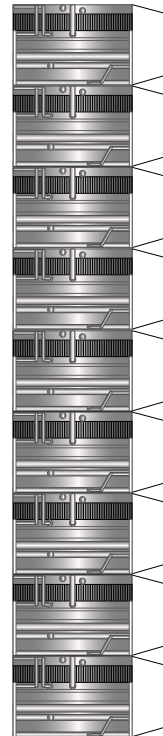
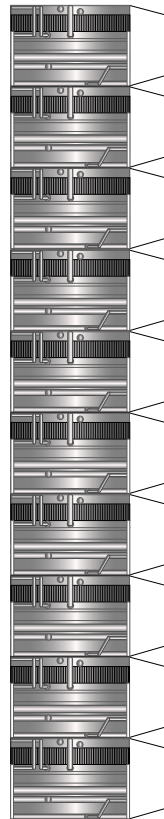
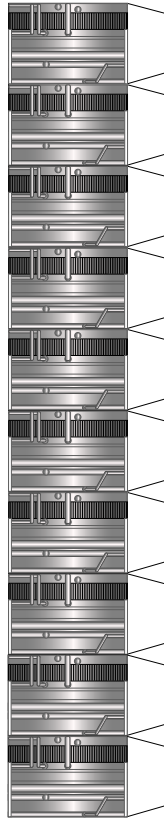
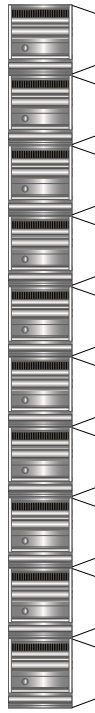
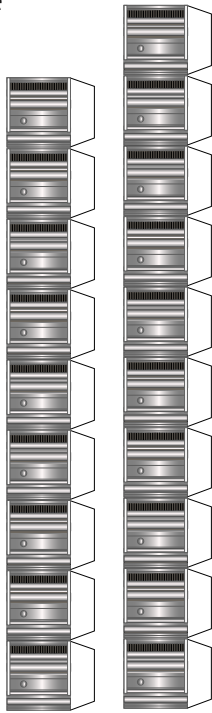
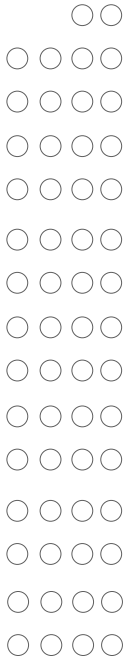
1 cm

1 inch

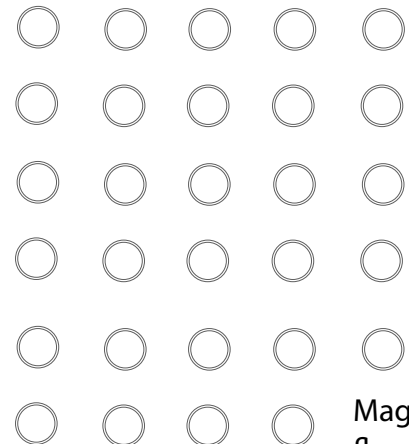
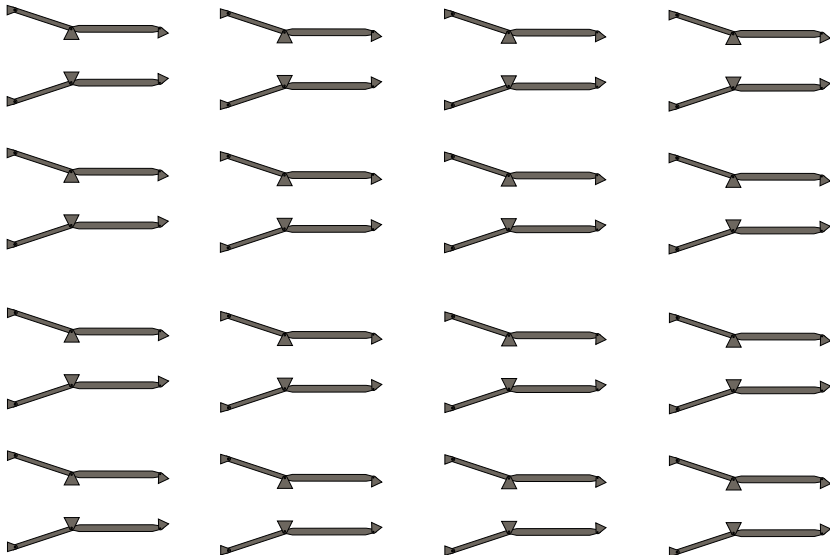
1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)



Gimbal struts for 9 Raptors



Magnet floors



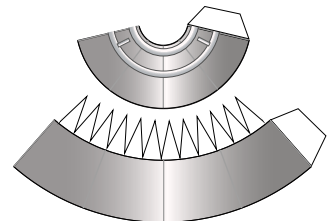
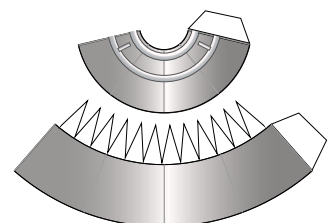
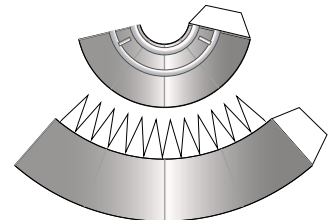
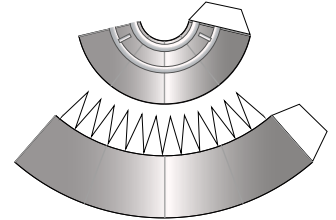
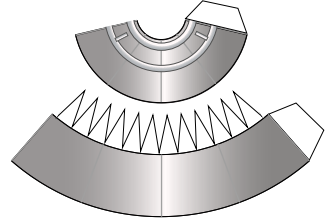
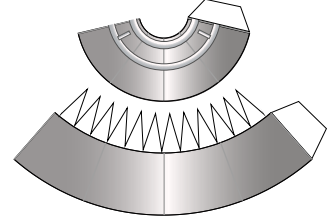
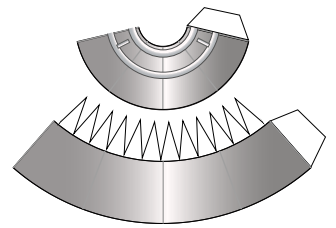
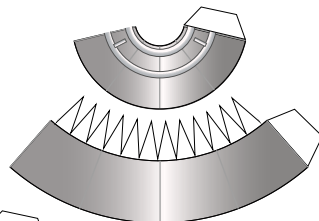
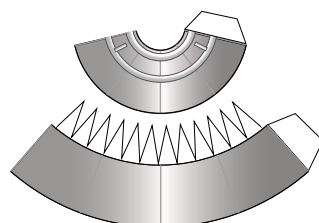
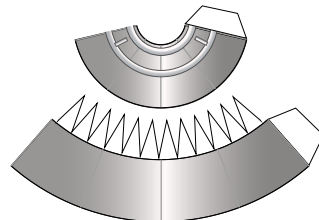
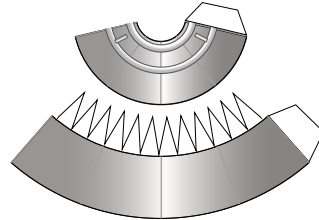
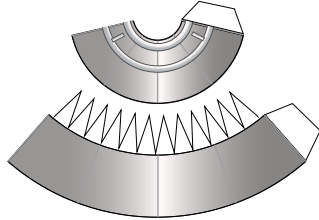
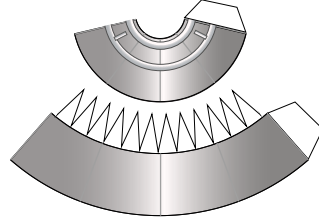
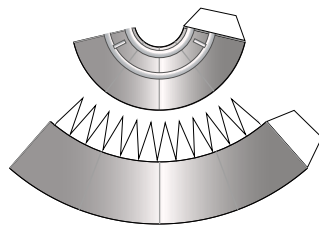
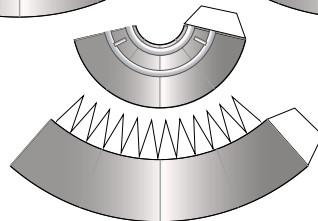
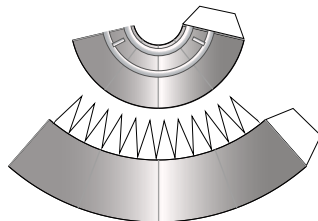
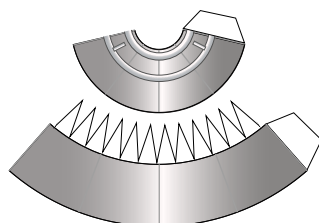
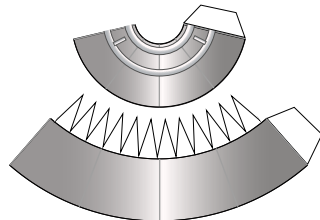
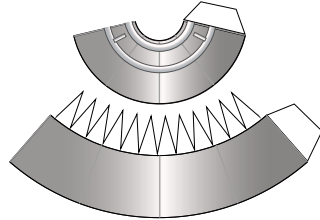
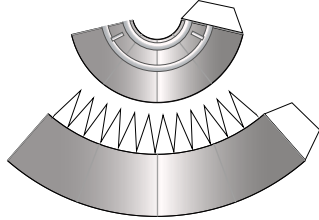
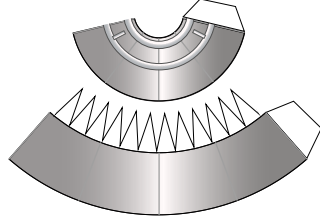
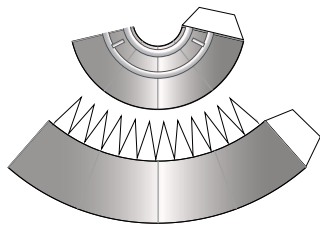
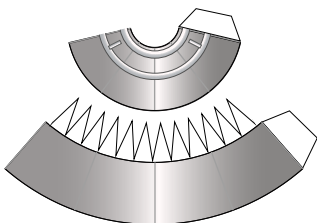
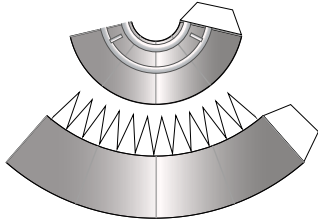
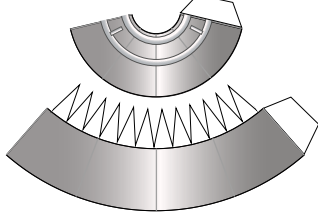
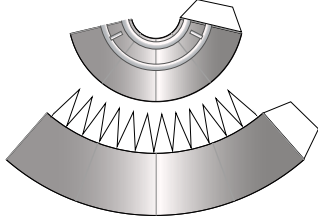
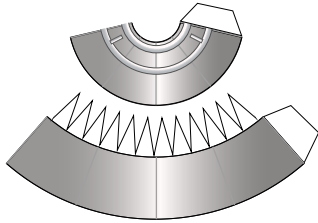
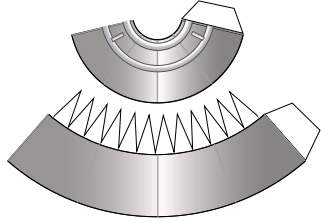
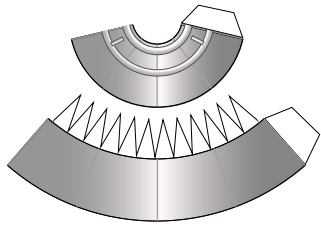
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

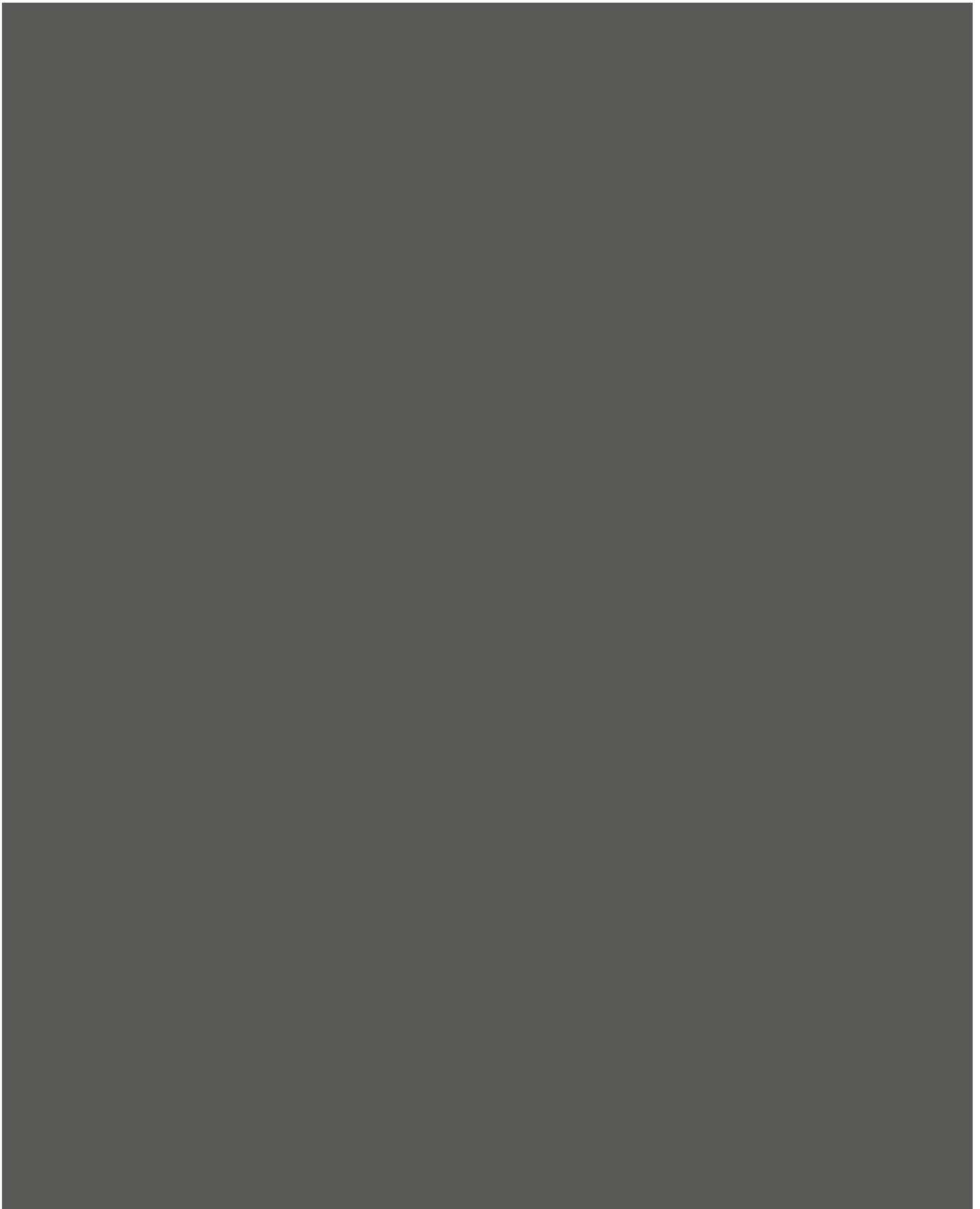
Print on Cardstock (110 lbs)





SuperHeavy Raptors BACKPRINT

Print on Cardstock (110 lbs)





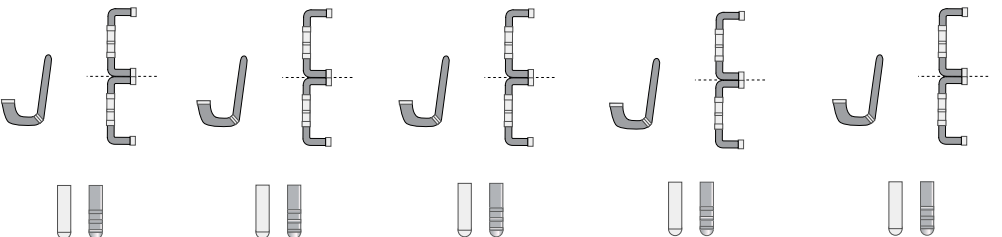
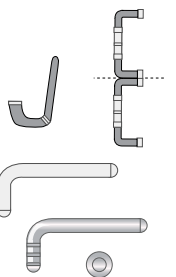
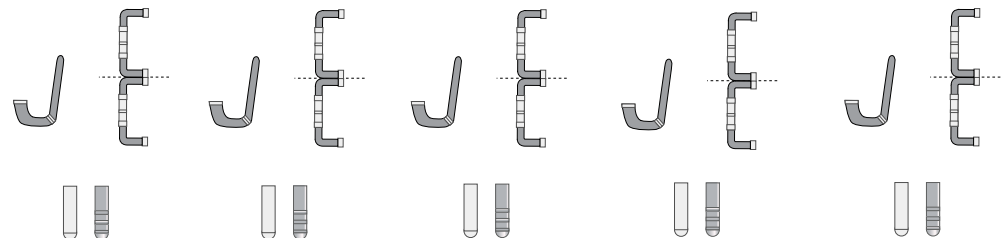
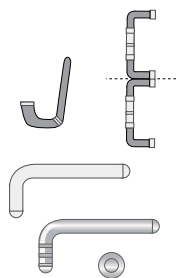
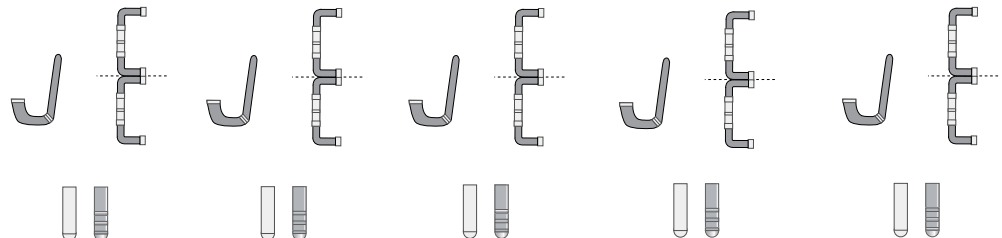
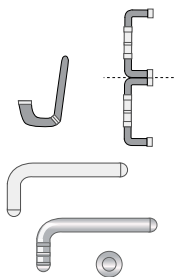
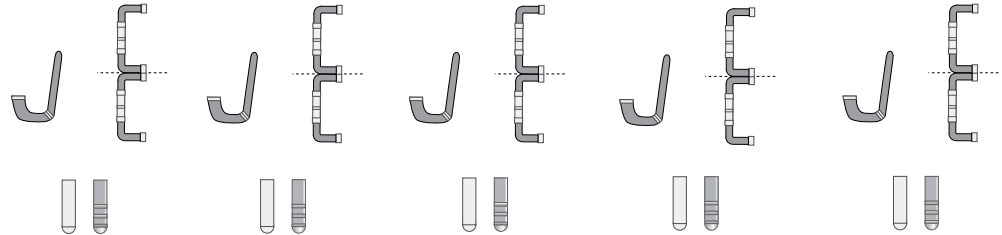
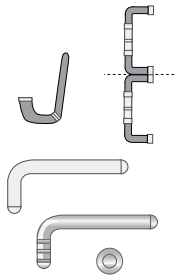
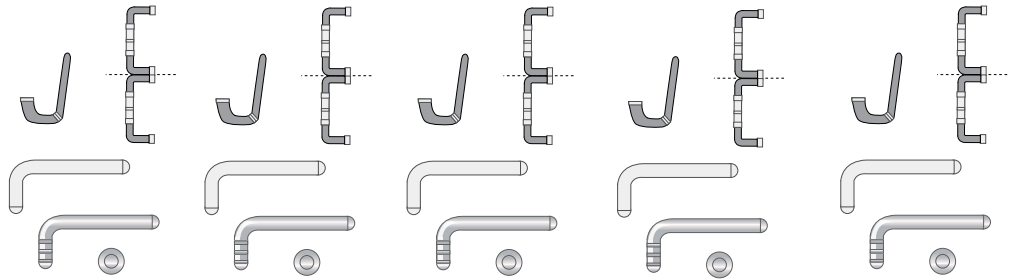
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)





1 cm

1 inch

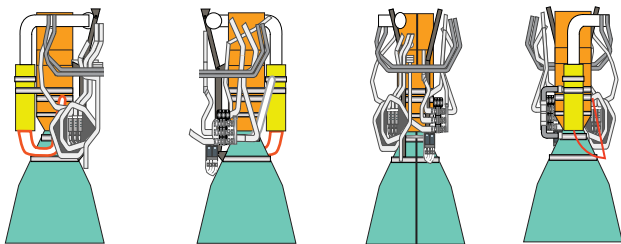
1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)



With gimbal system on Inner engine circle



No gimbal system on Outer engine circle

