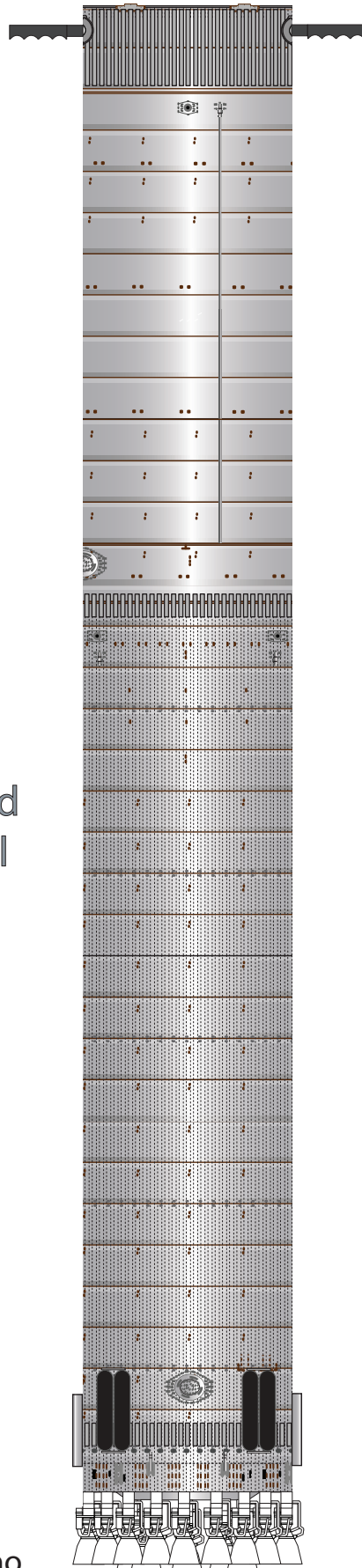


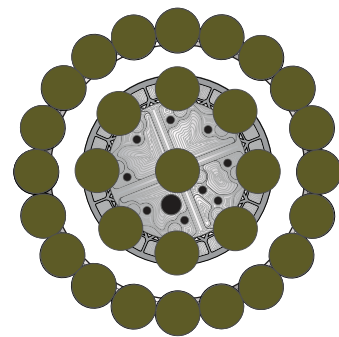
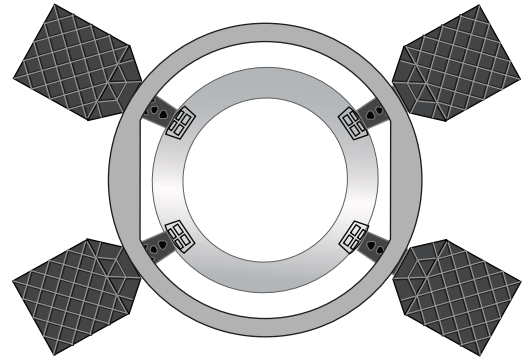


1:100 Scale

Use metallic paper and
transparent sticker foil
(for pages 9 through 14)



B-4





1 cm

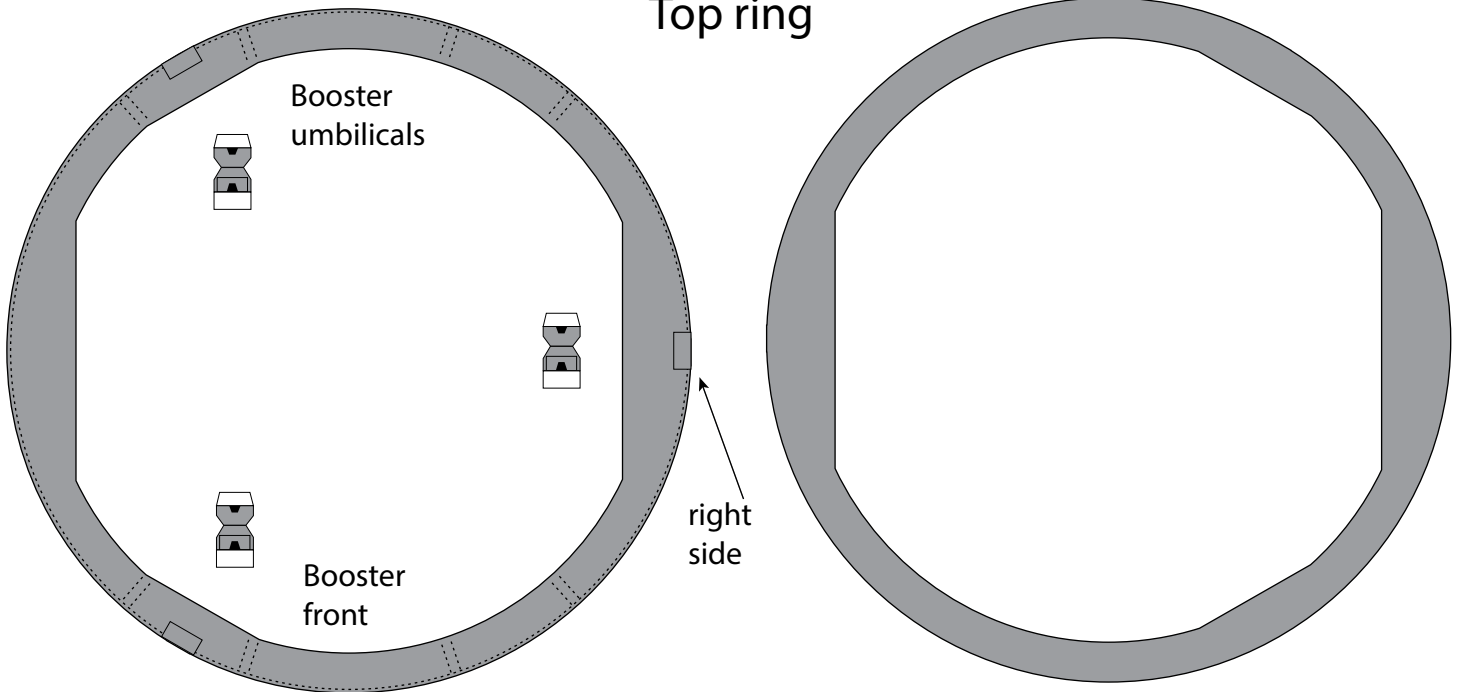
1 inch

1:100 Scale

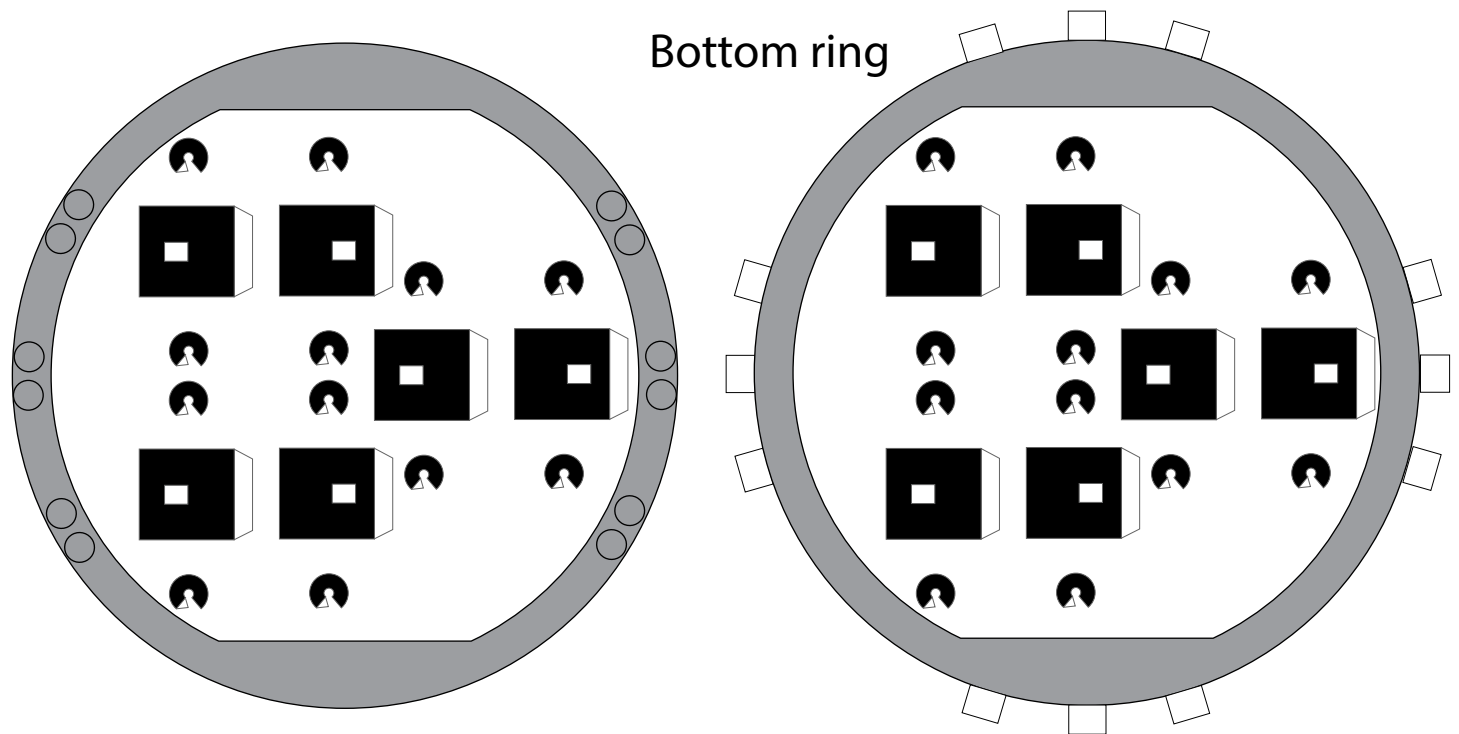
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

Top ring



Bottom ring



COPV pair
top and bottom supports



1 cm

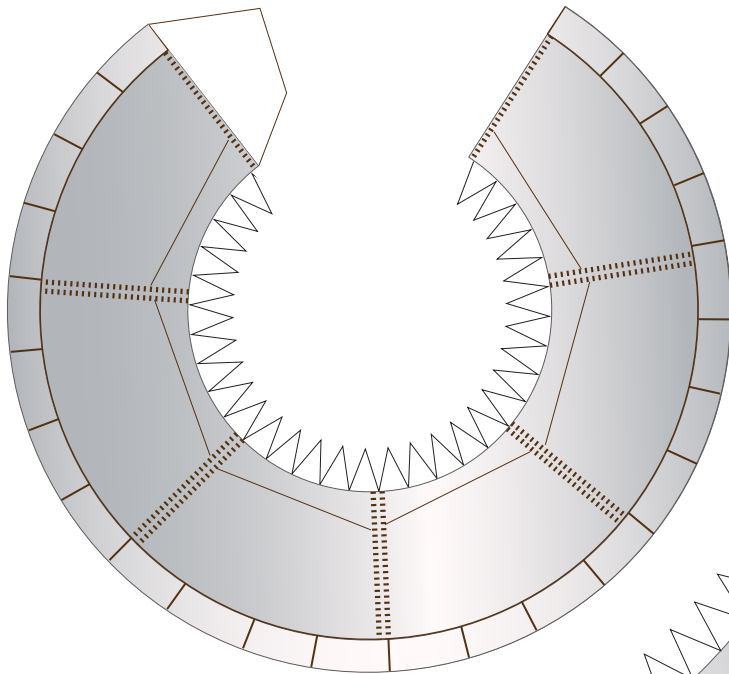
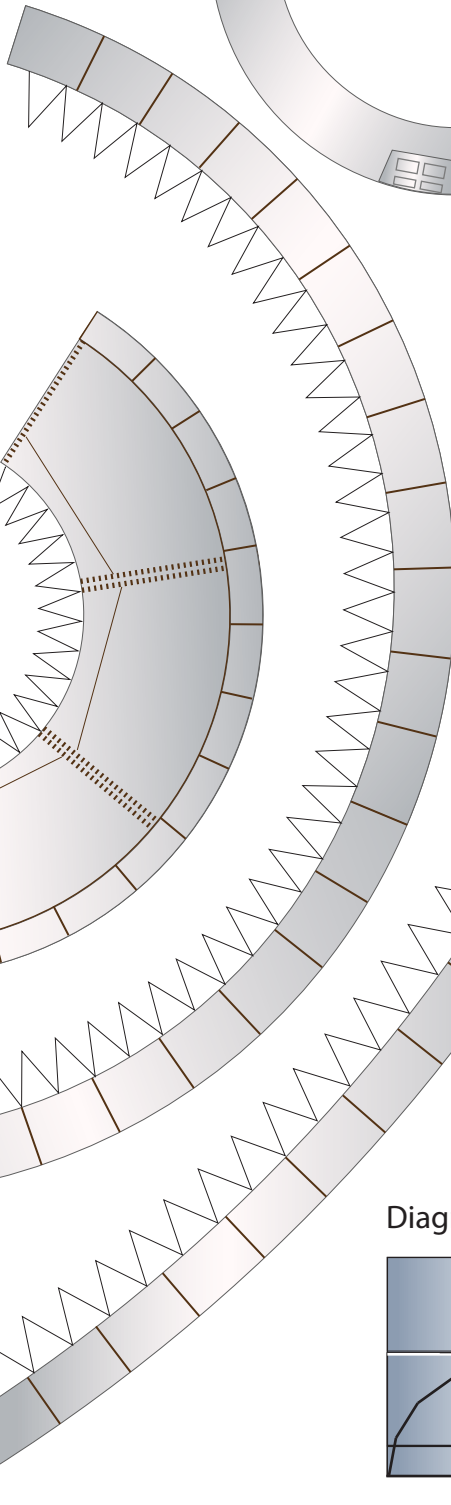
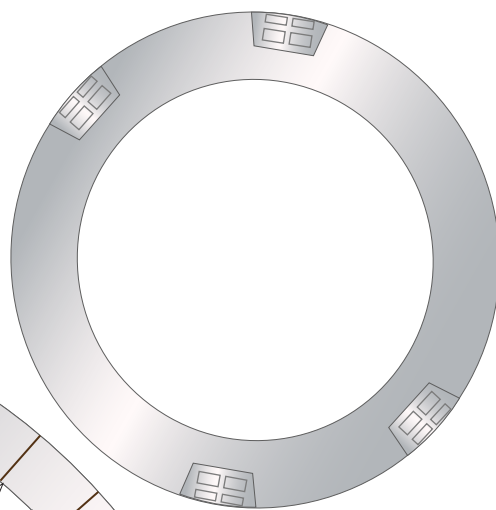
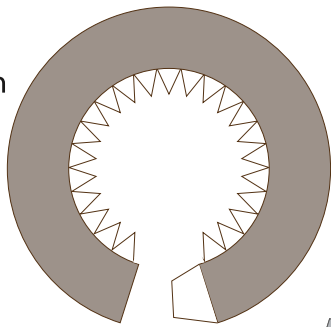
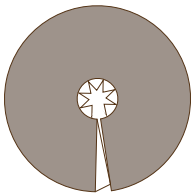
1 inch

1:100 Scale

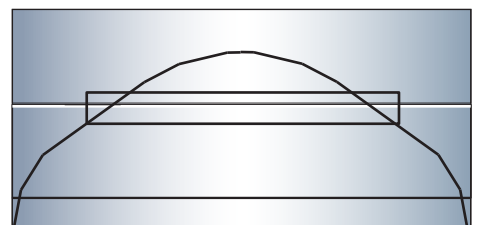
cut

SuperHeavy BN-4 Upper Dome

Print on Cardstock (110 lbs)



Diagram





1:100 Scale

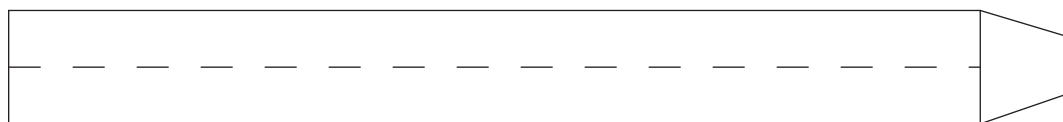
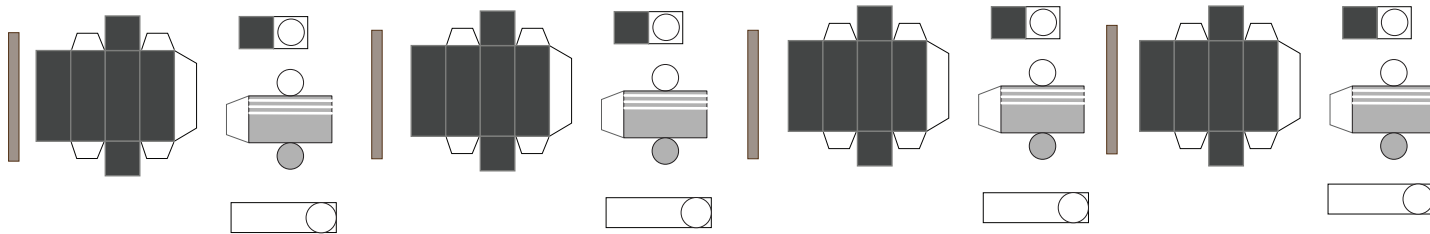
1 cm

1 inch

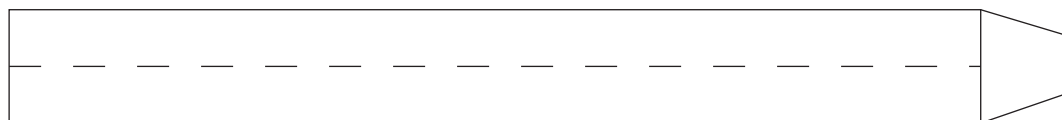
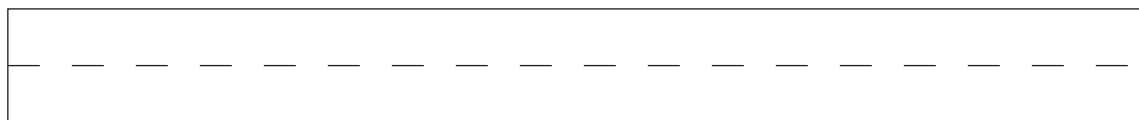
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

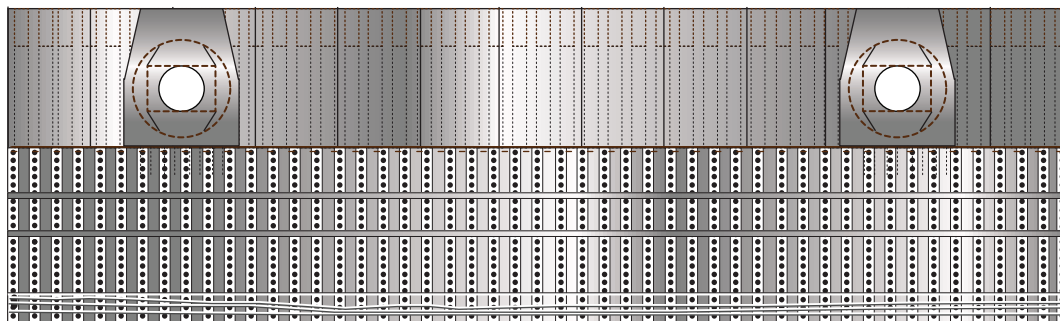
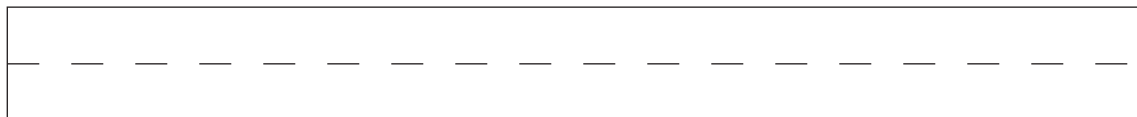
Grid Fins servo motors and Connectors for each body segment



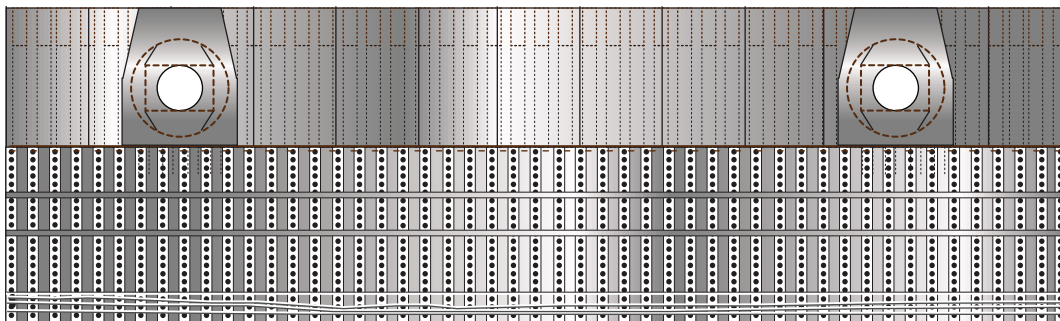
top/middle



middle/bottom



Interior wall
for upper dome
section





1 cm

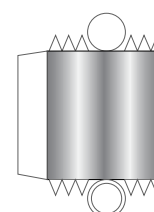
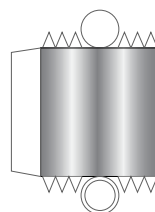
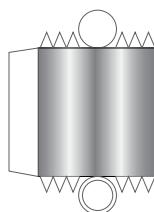
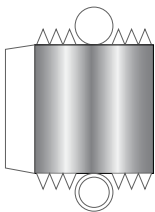
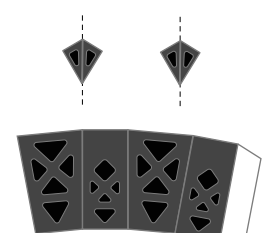
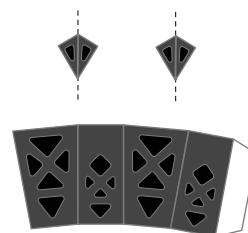
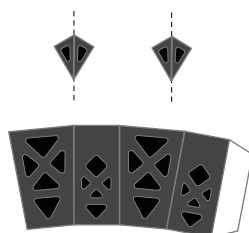
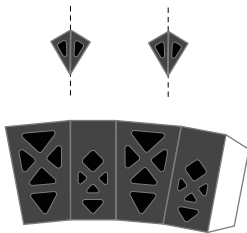
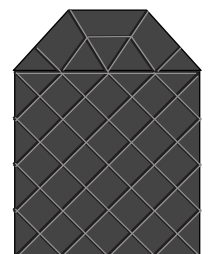
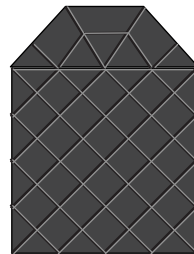
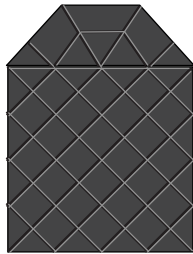
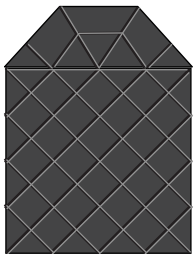
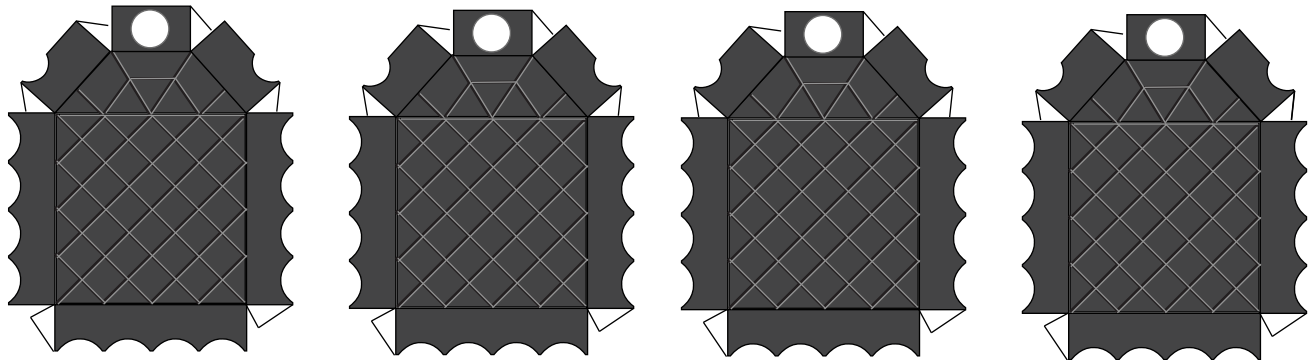
1 inch

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

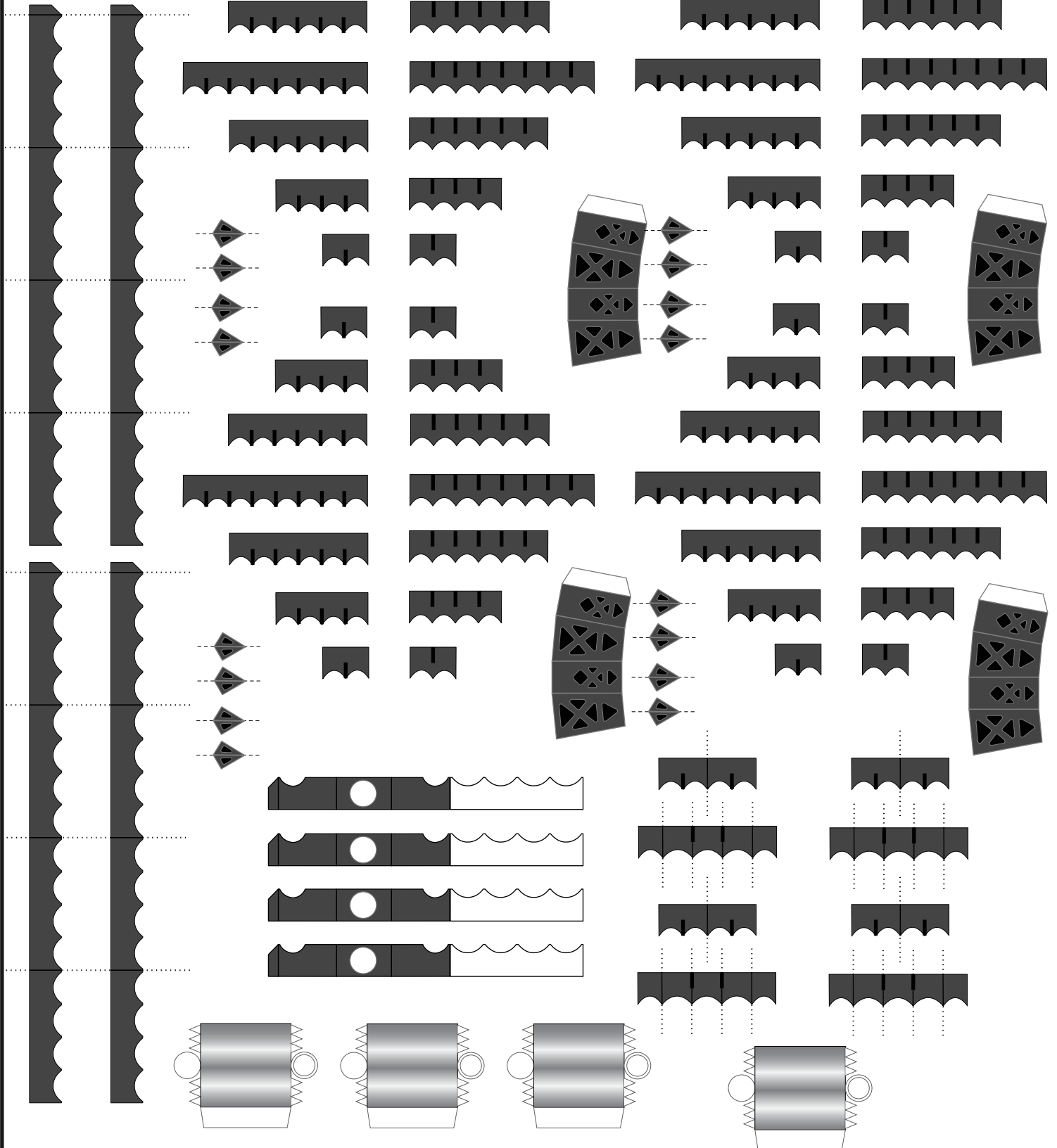
1 inch

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

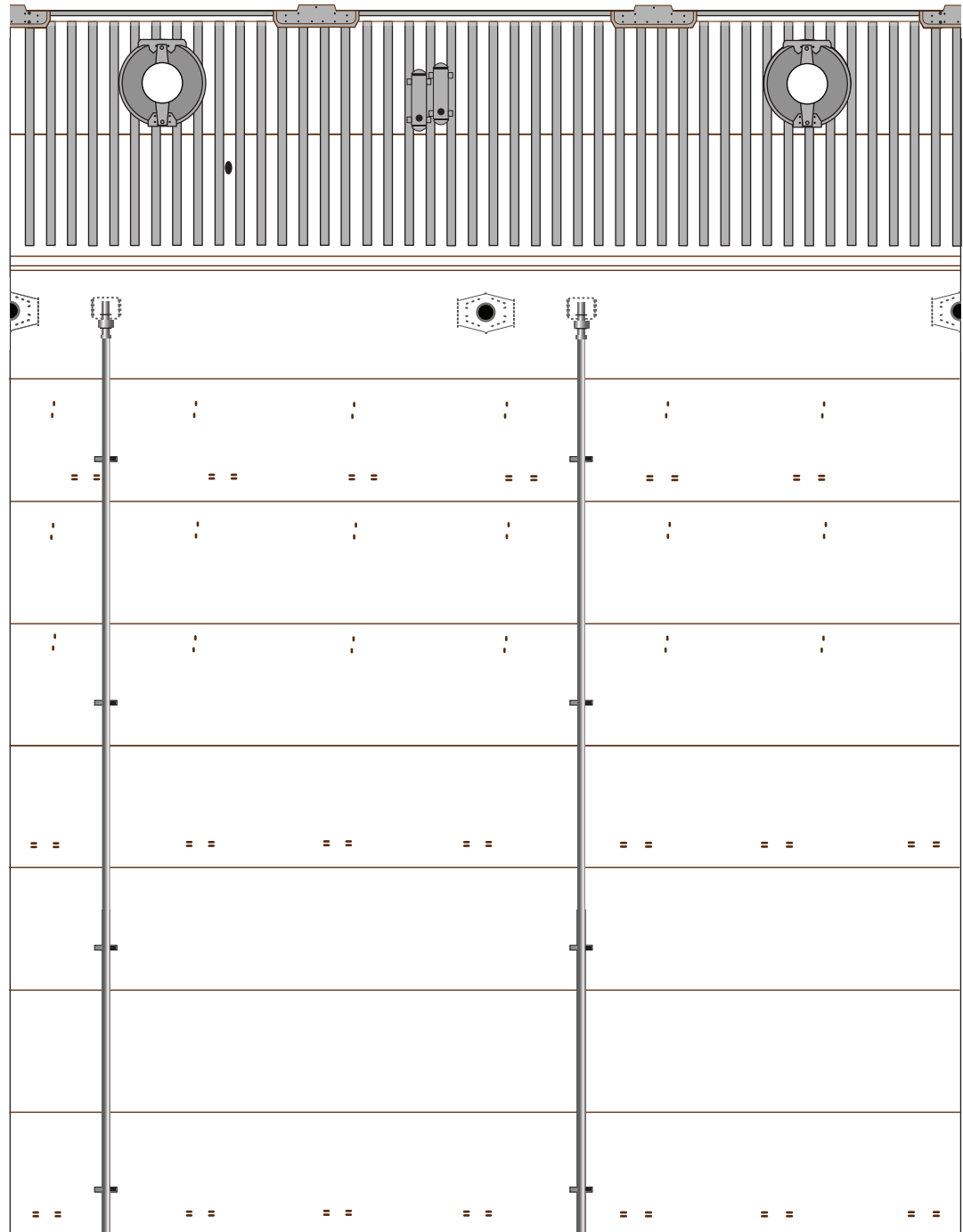
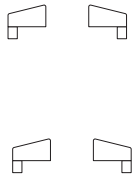
1 cm

1 inch

SpaceX B4

Print on
transparent sticker

Belly side top





1:100 Scale

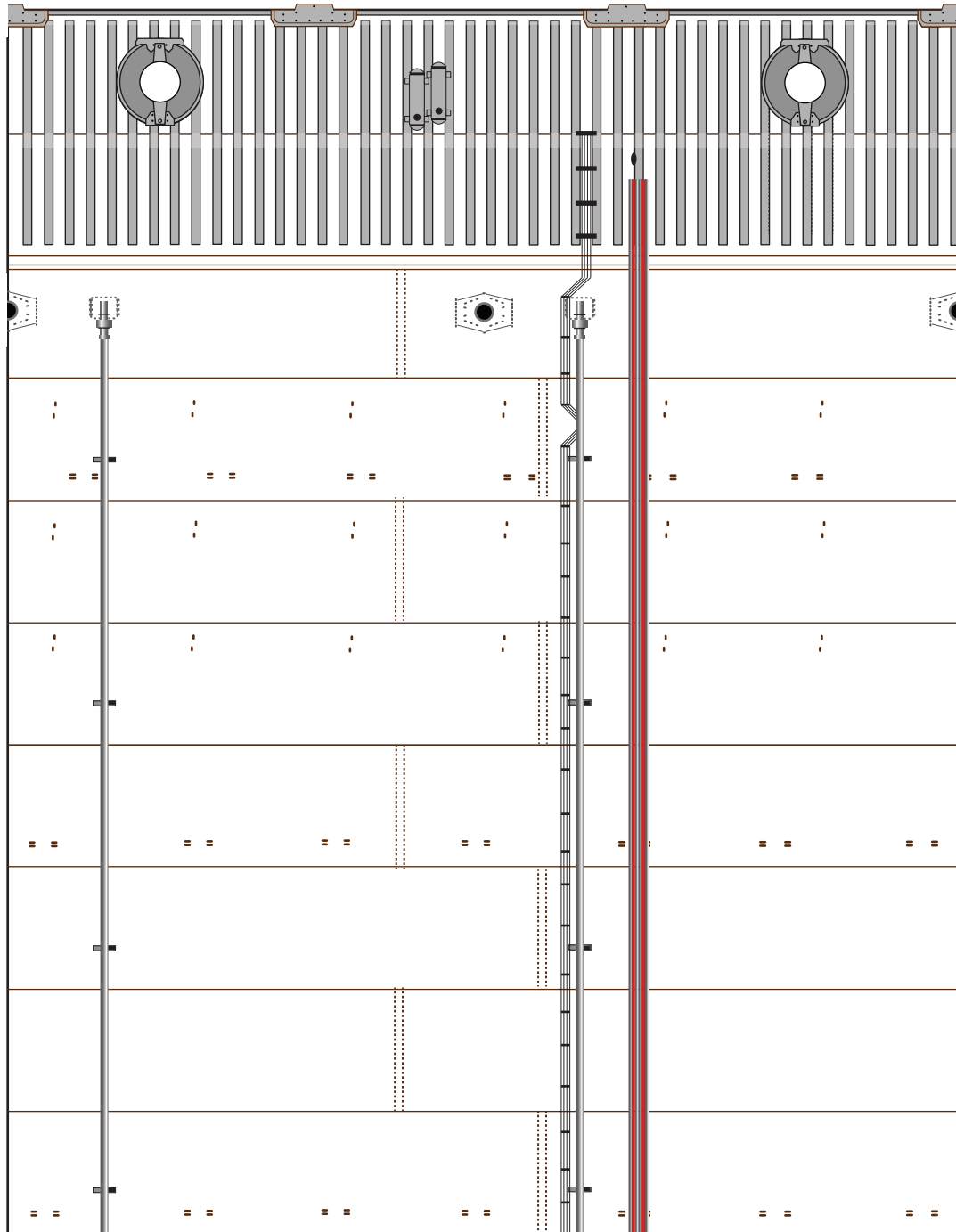
1 cm

1 inch

SpaceX BN4

Print on
transparent sticker

Back side top





1:100 Scale

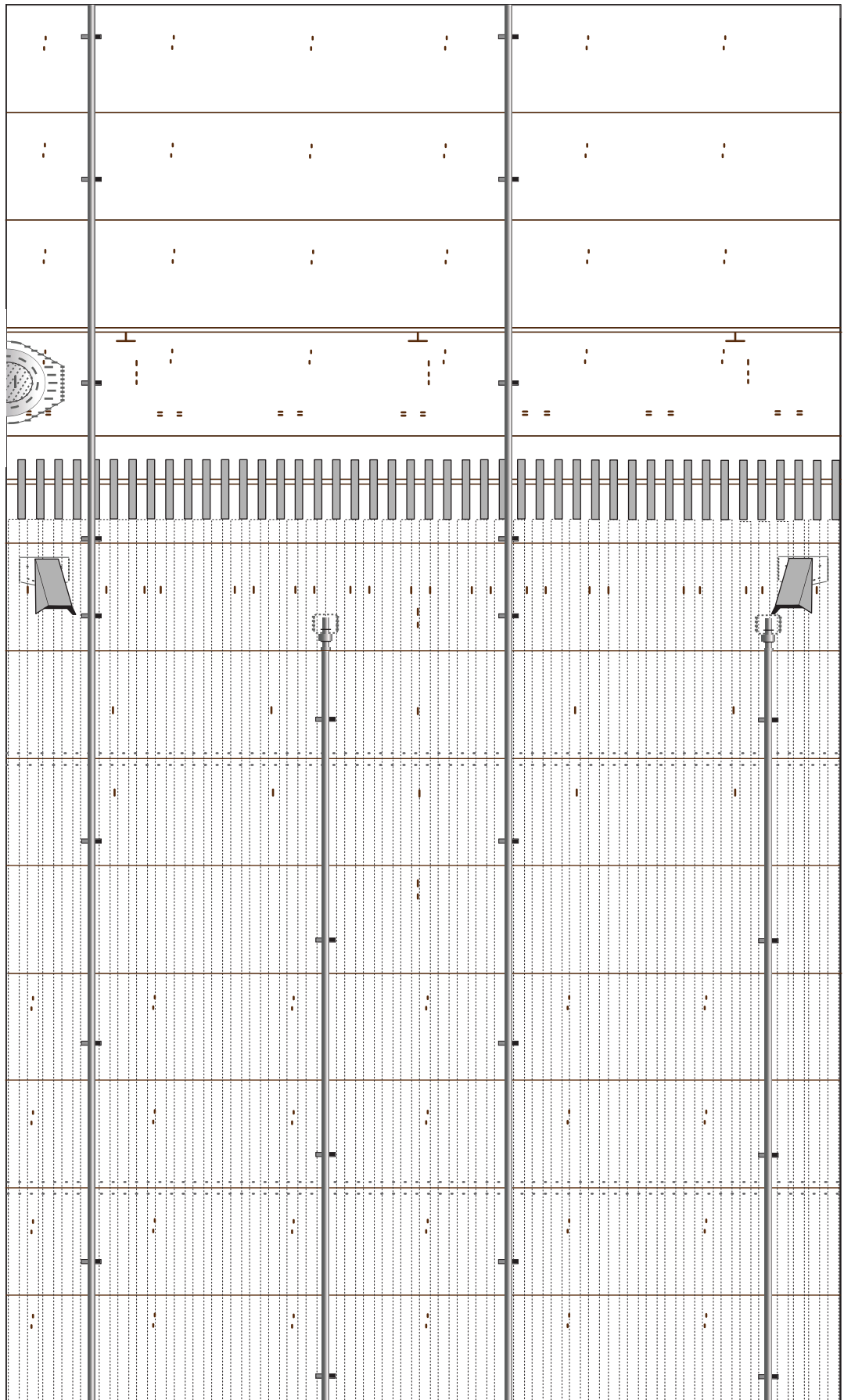
1 cm

1 inch

SpaceX BN4

Belly side middle

Print on
transparent sticker





1:100 Scale

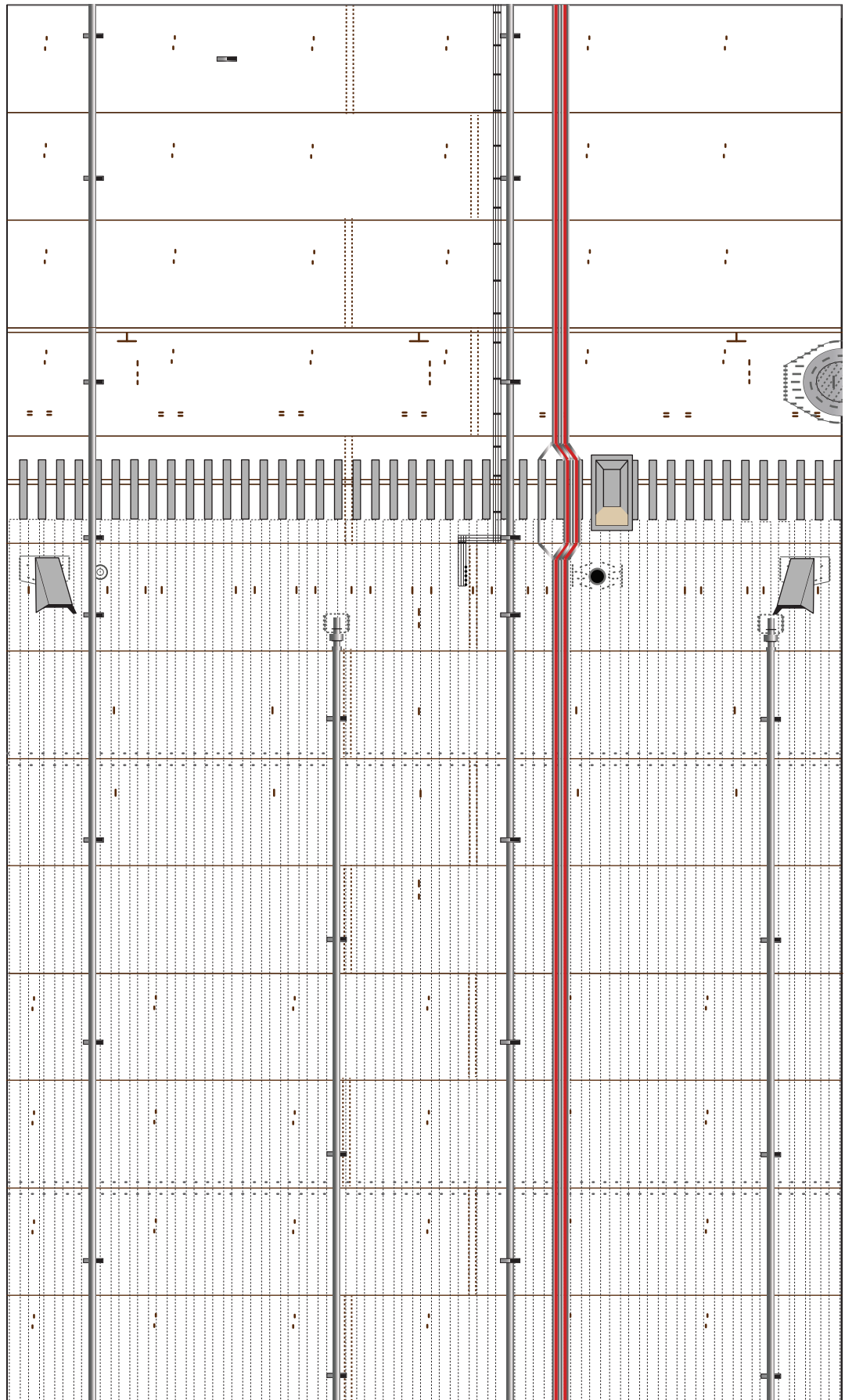
1 cm

1 inch

SpaceX BN4

Back side middle

Print on
transparent sticker





1:100 Scale

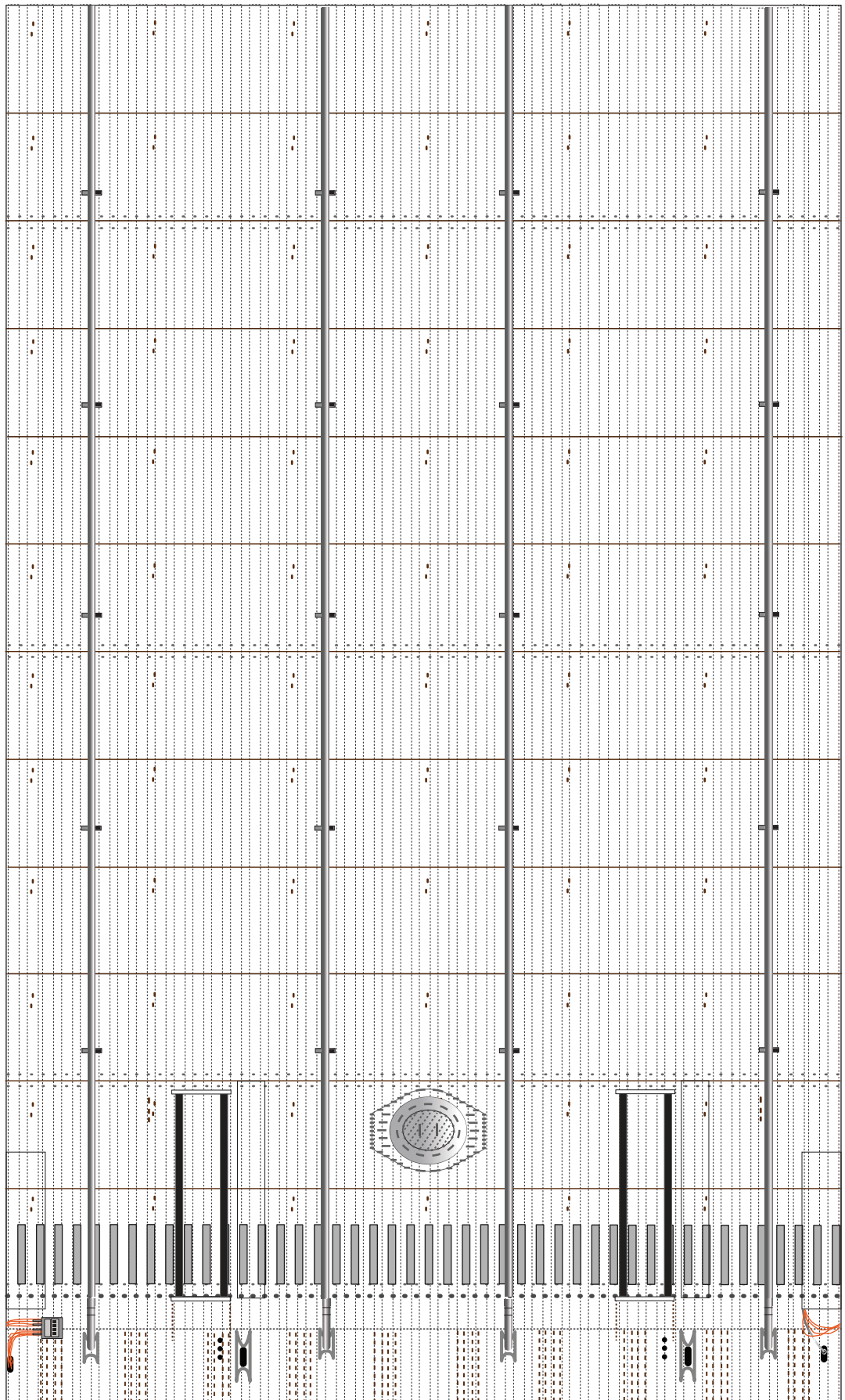
1 cm

1 inch

SpaceX BN4

Belly side bottom

Print on
transparent sticker





1:100 Scale

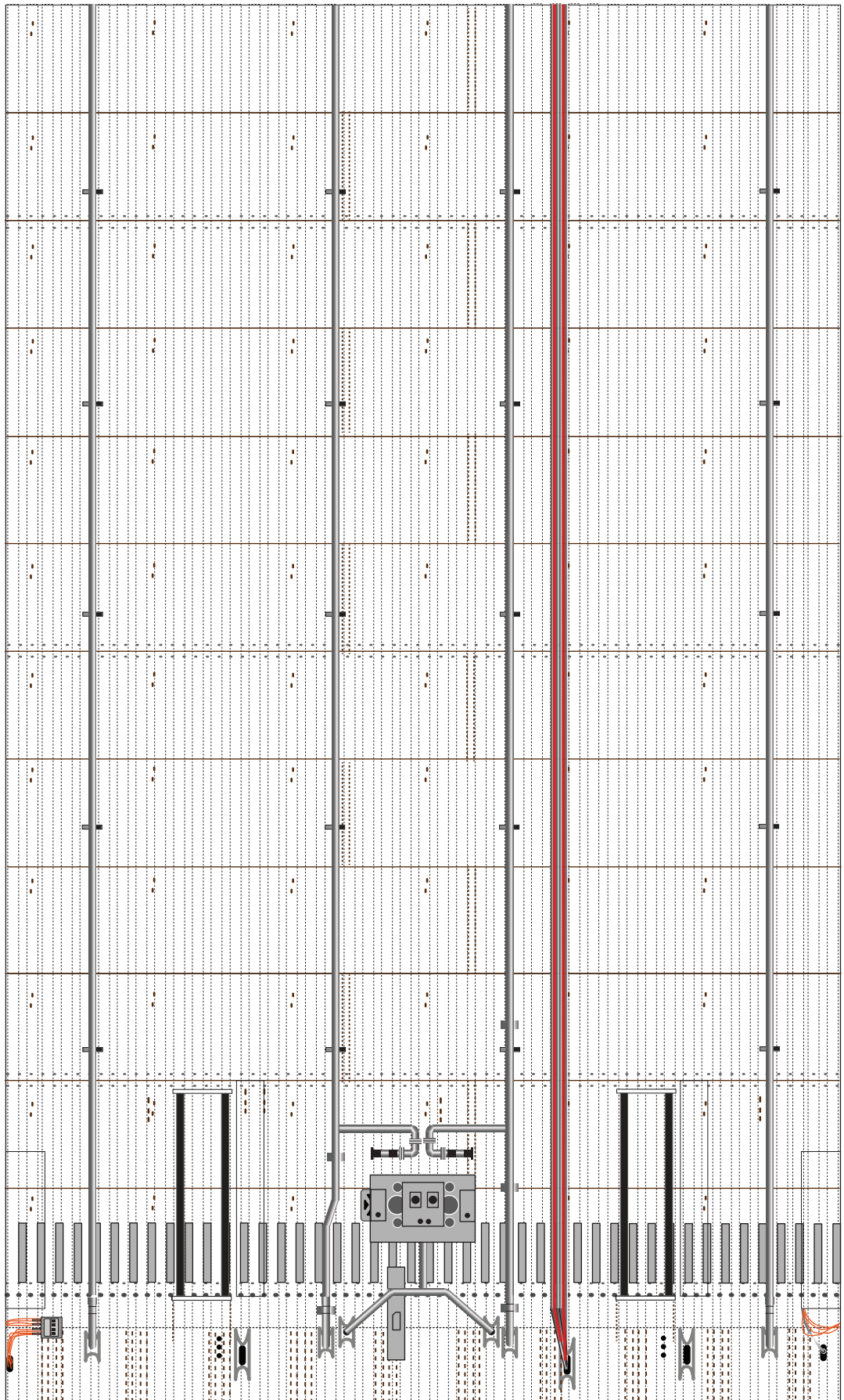
1 cm

1 inch

SpaceX BN4

Back side bottom

Print on
transparent sticker





1:100 Scale

1 cm

1 inch

top

SpaceX BN-4

Print on Cardstock (110 lbs)

middle

bottom



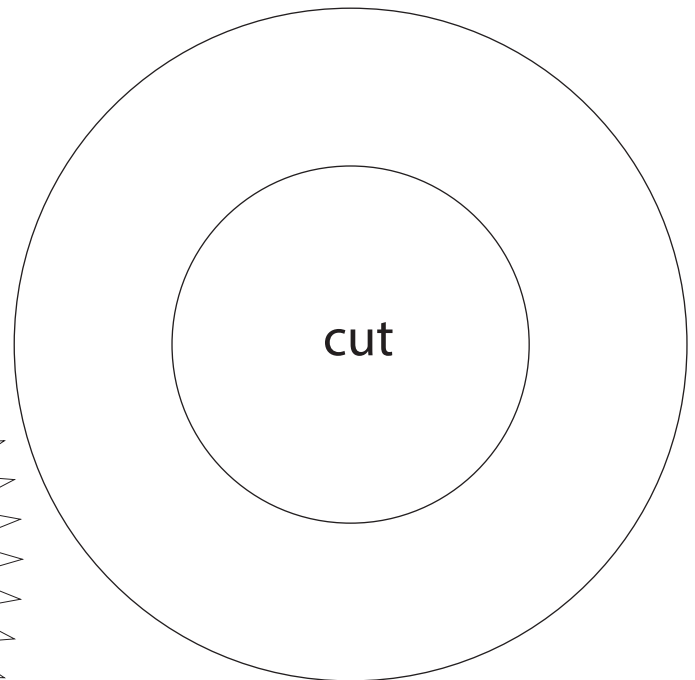
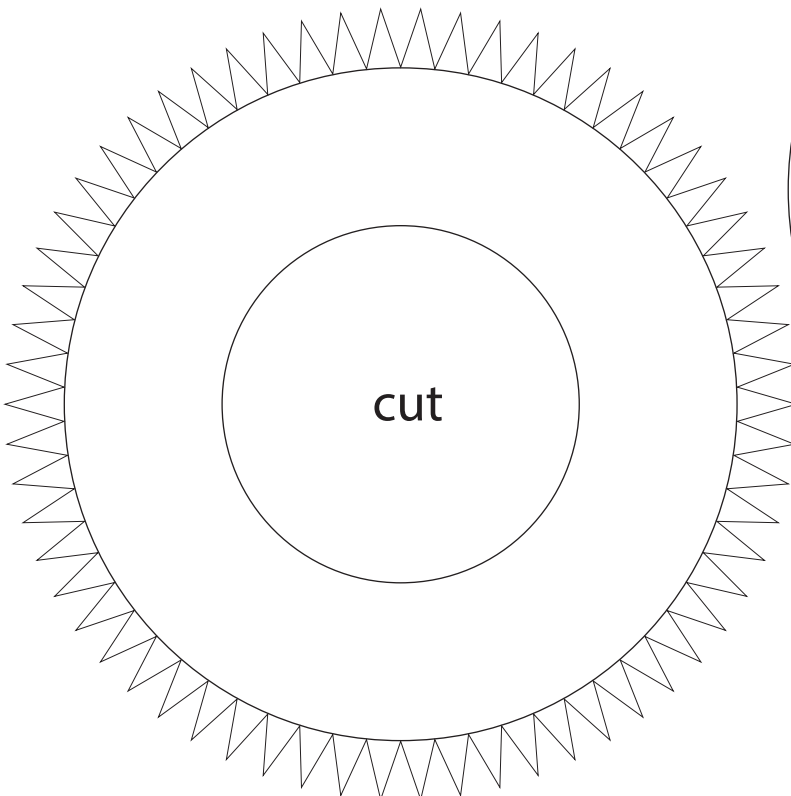
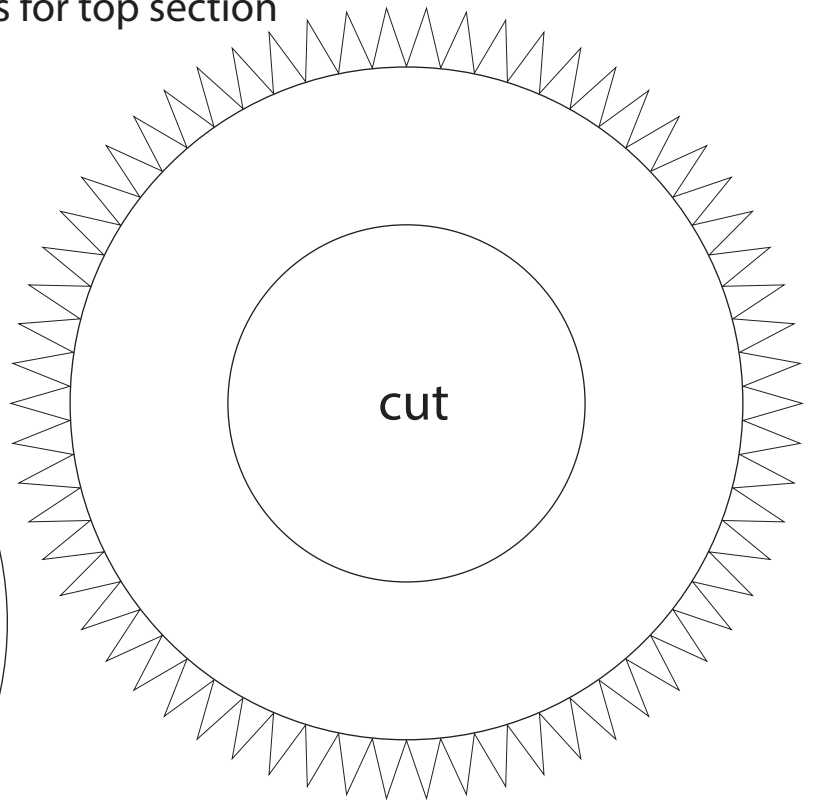
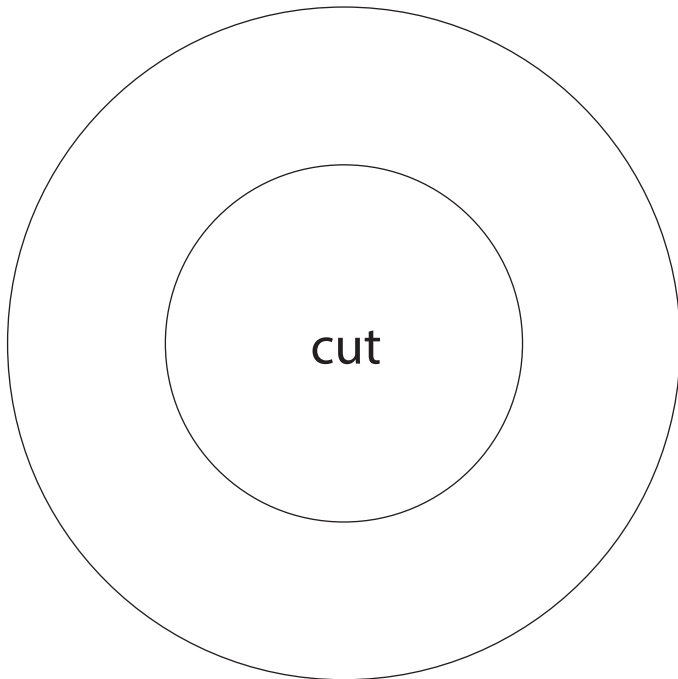
1:100 Scale



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.



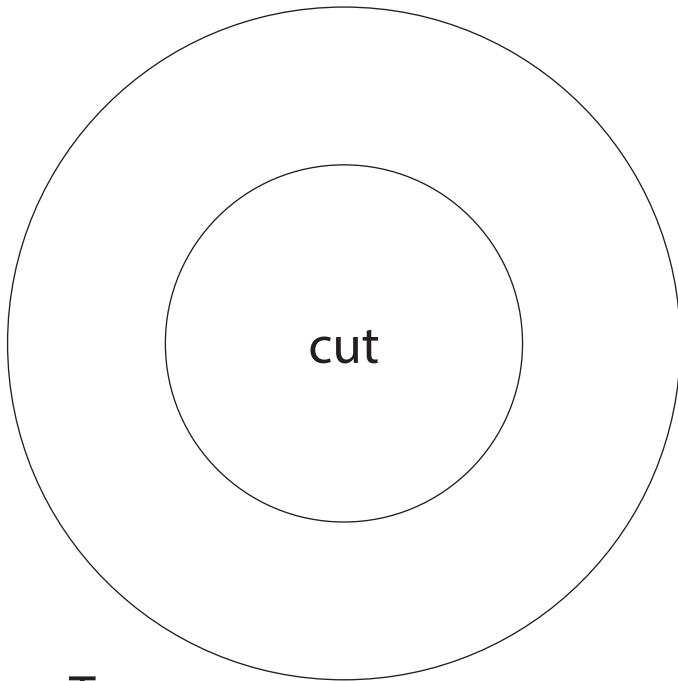
1:100 Scale



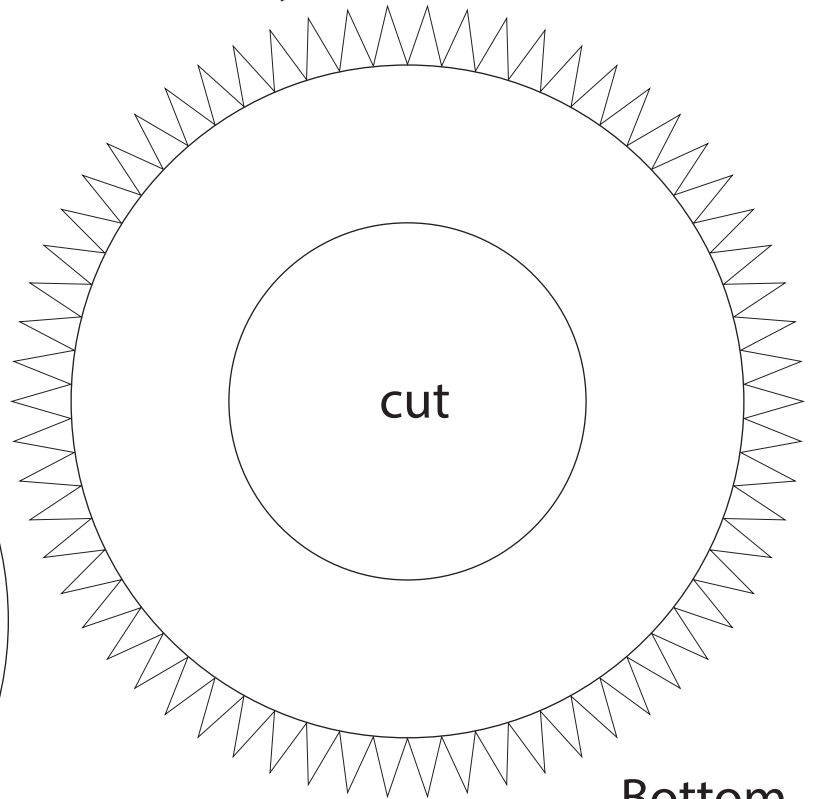
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

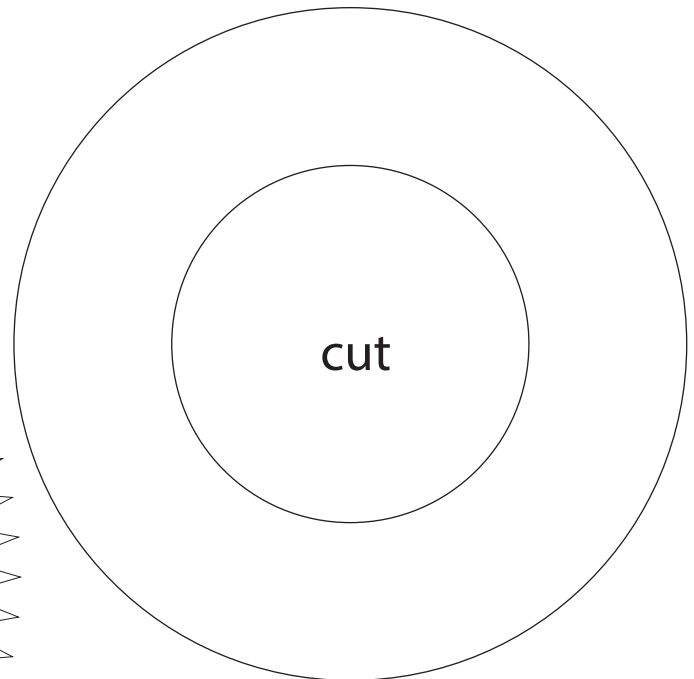
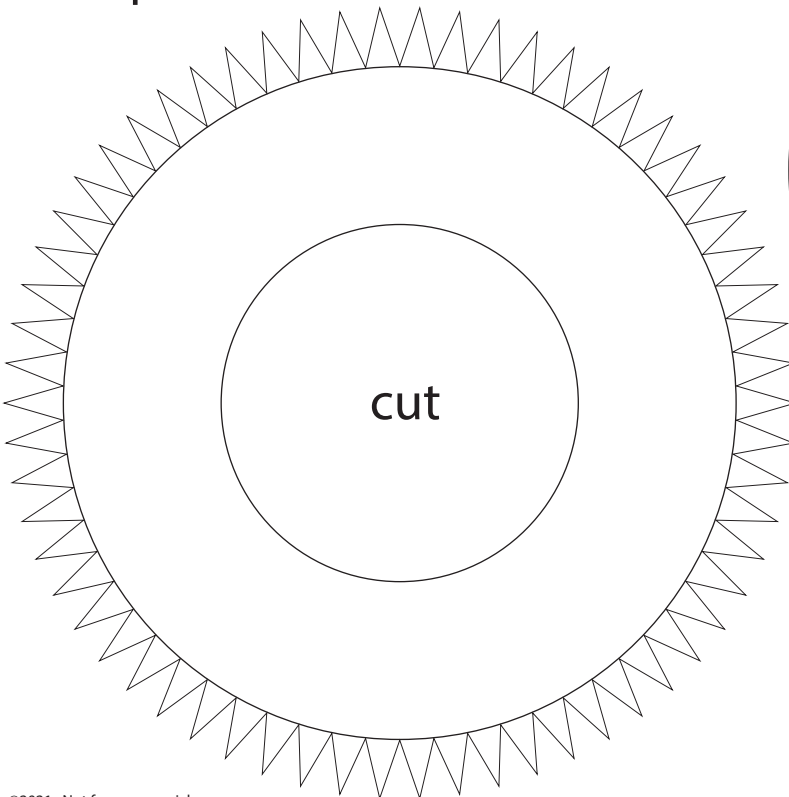
Formers for middle body



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.



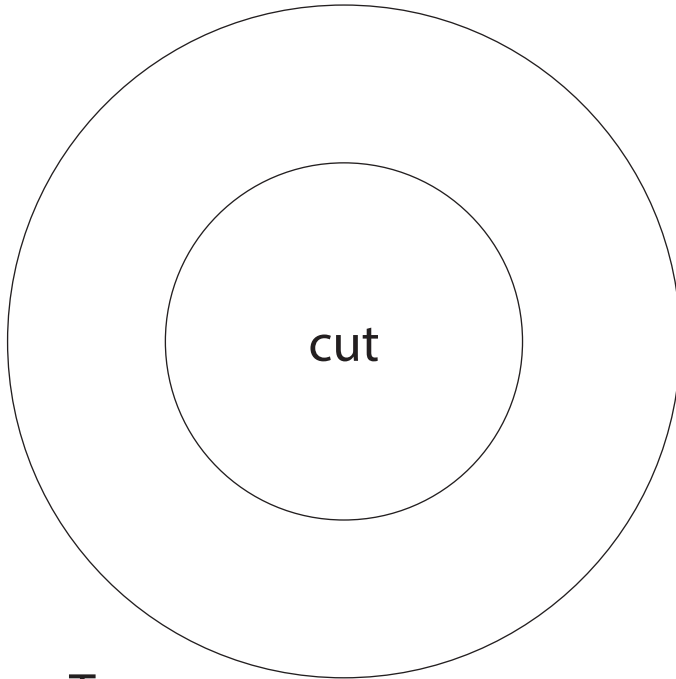
1:100 Scale



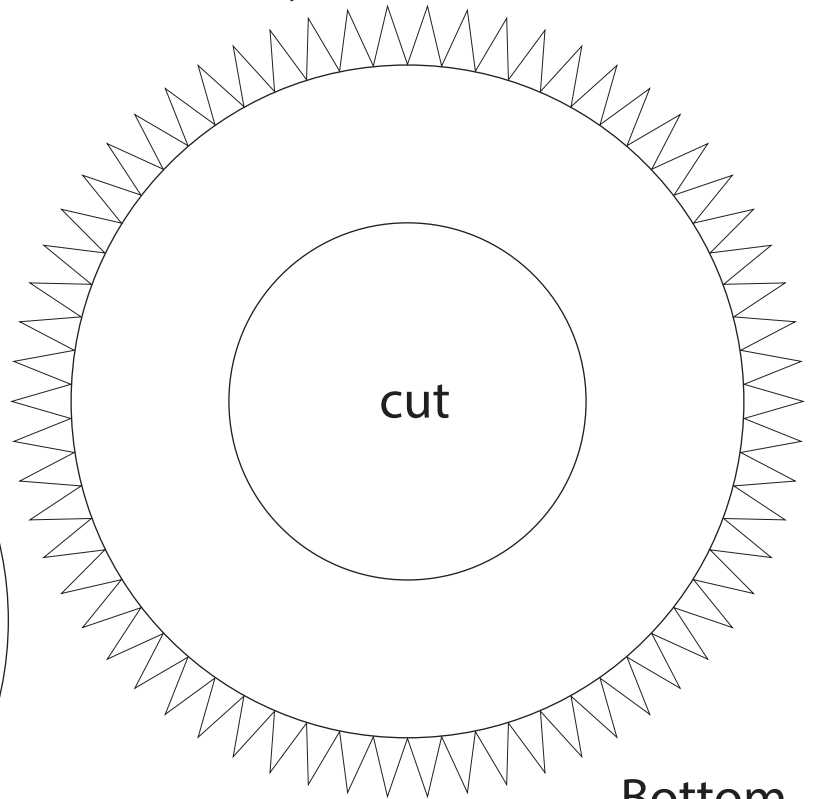
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

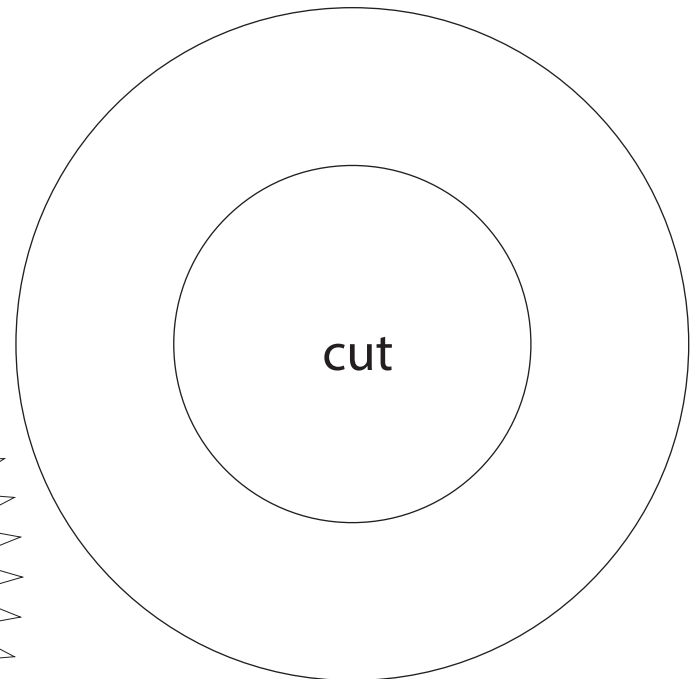
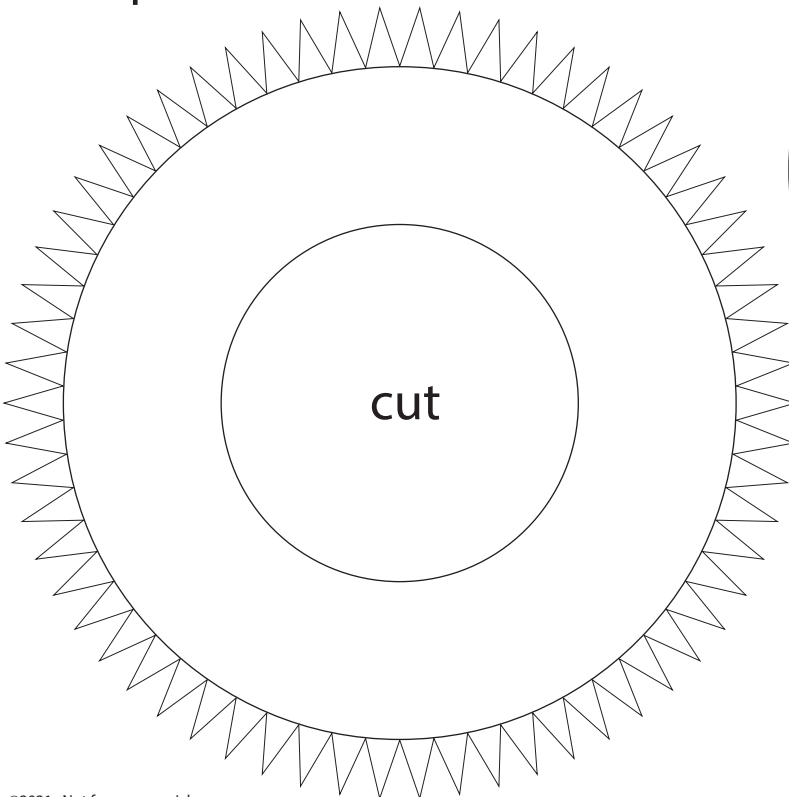
Formers for bottom body



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 cm

1 inch

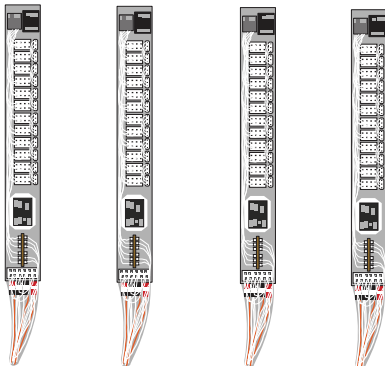
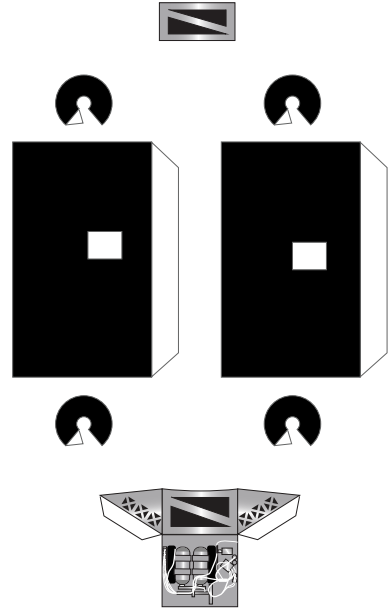
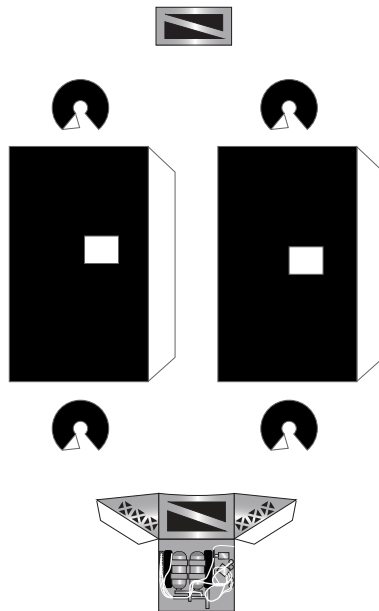
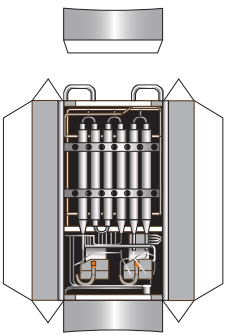
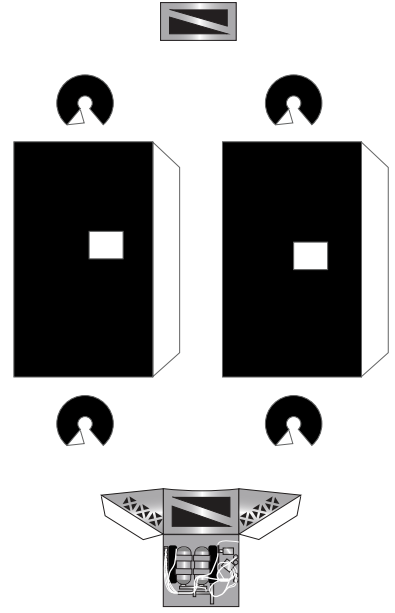
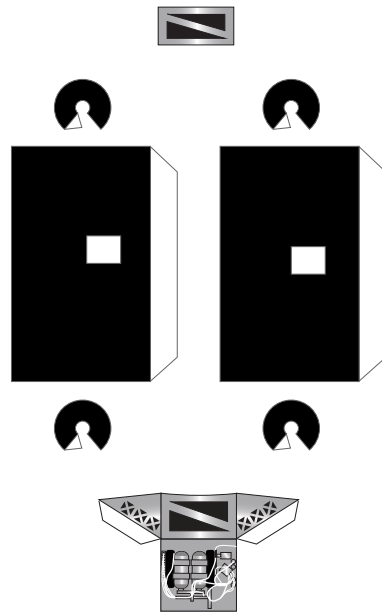
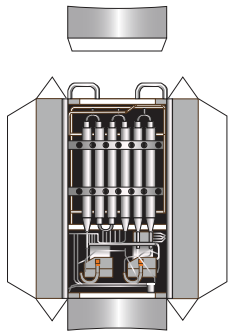
1:100 Scale

SpaceX BN4

Print on Cardstock (110 lbs)

COPVs

Revised





1:100 Scale

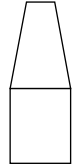
1 cm

1 inch

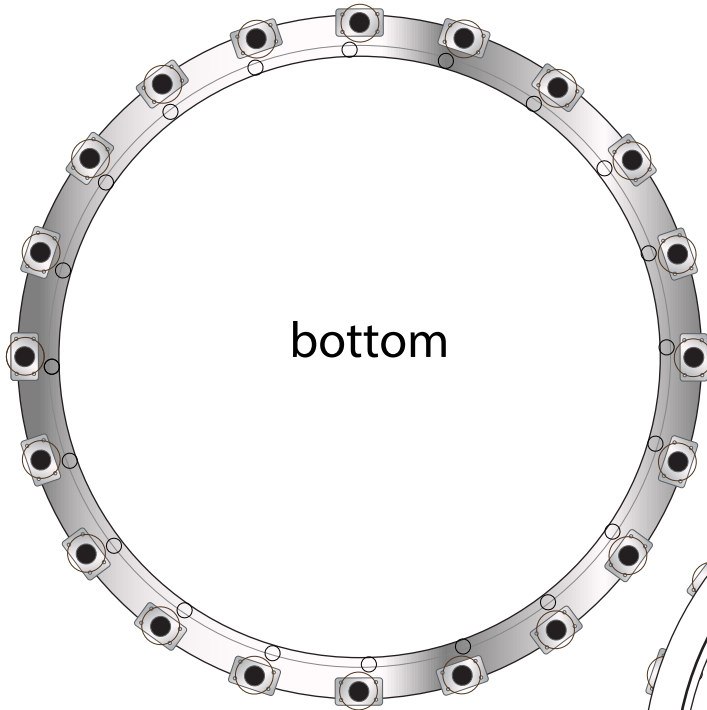
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

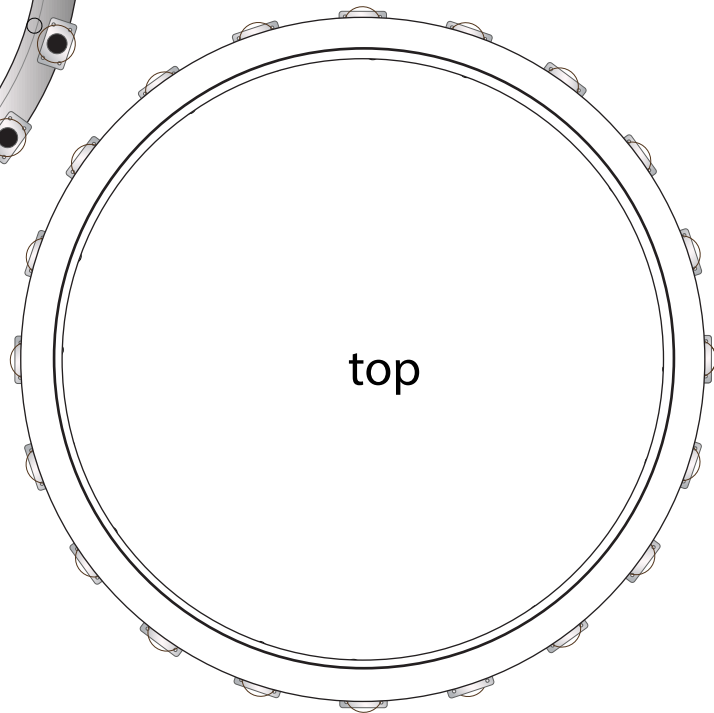
Revised



Outer Raptor ring

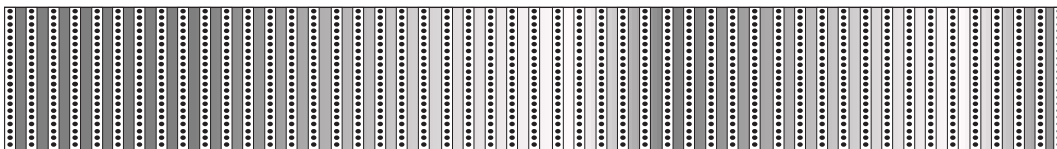
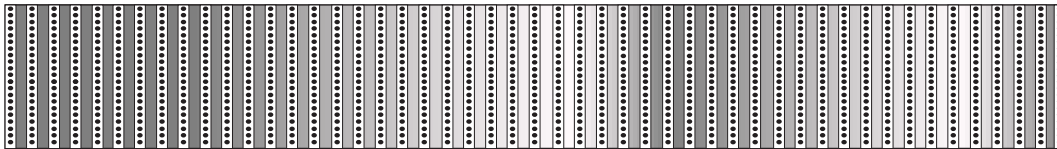


bottom



top

Engine section interior skin





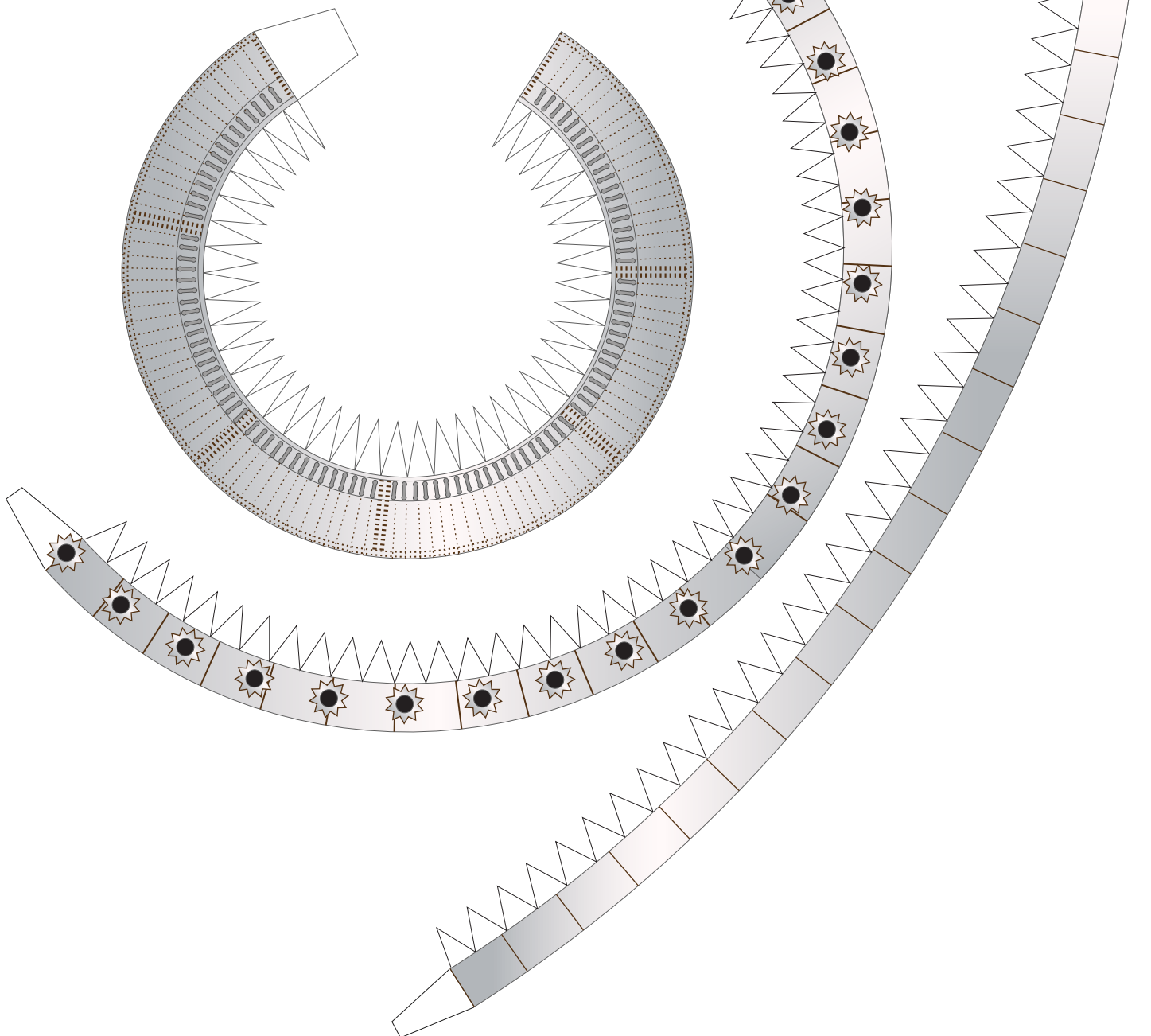
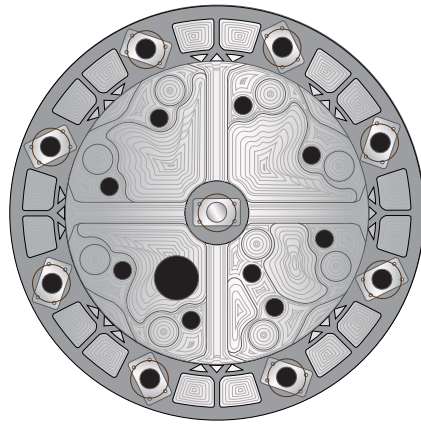
1 cm

1 inch

1:100 Scale

SuperHeavy Bulkhead

Print on Cardstock (110 lbs)





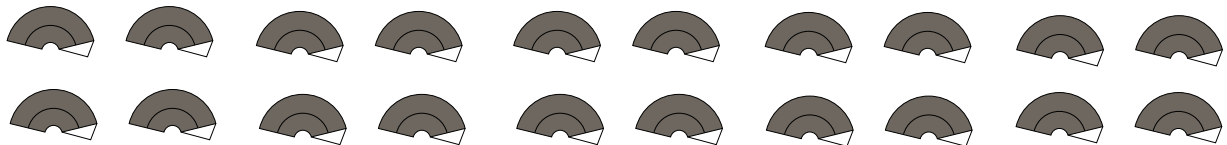
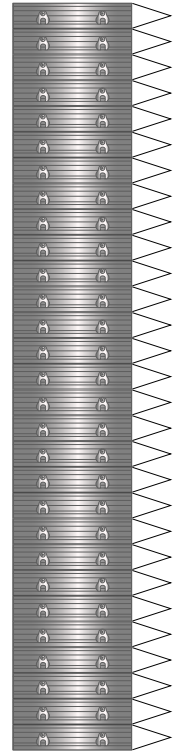
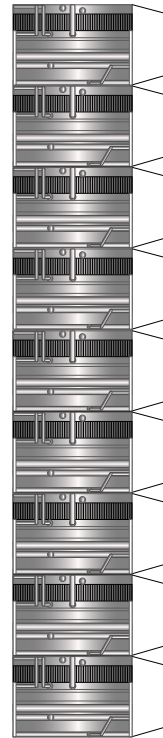
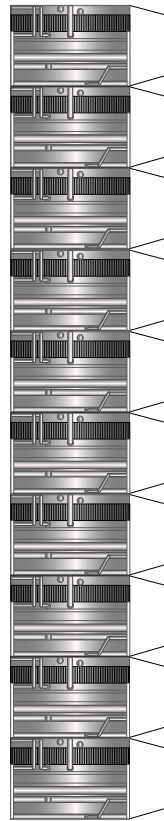
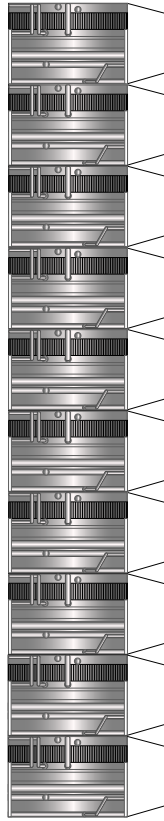
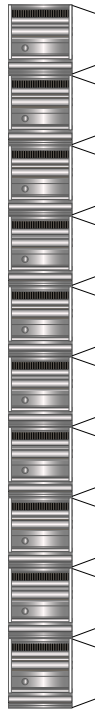
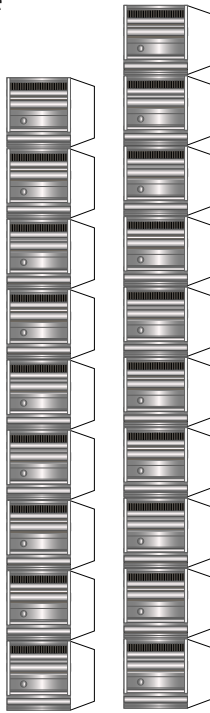
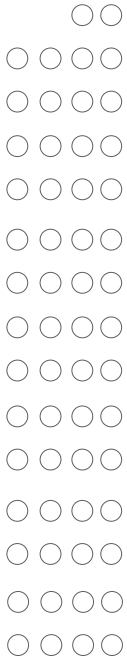
1 cm

1 inch

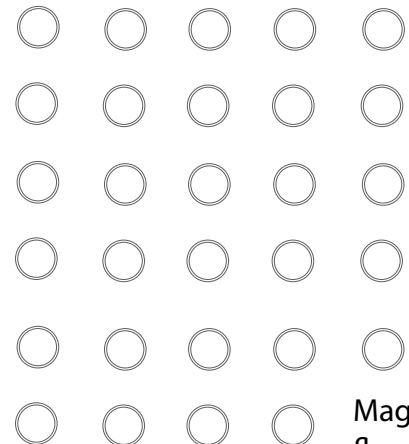
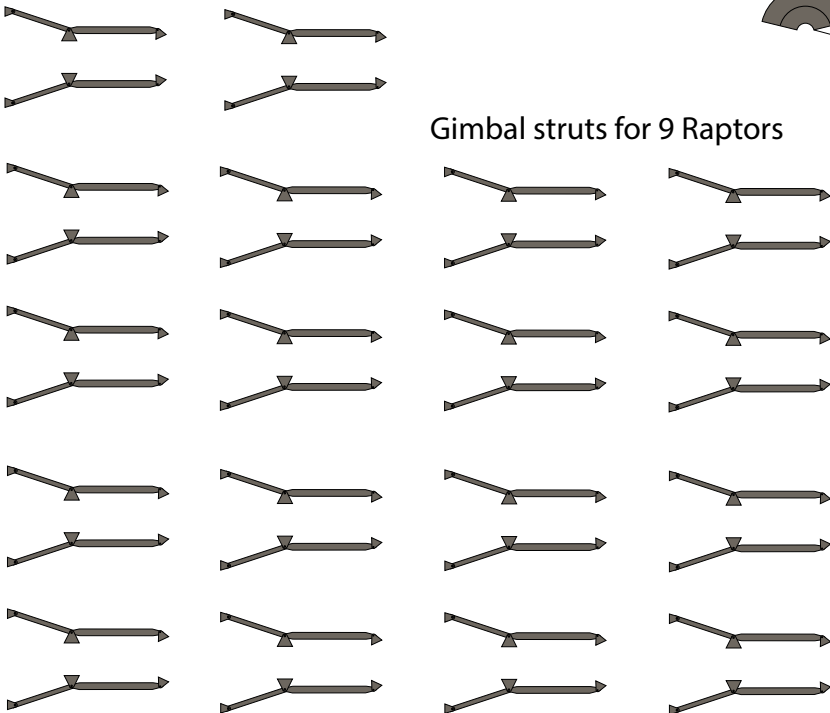
1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)



Gimbal struts for 9 Raptors



Magnet floors



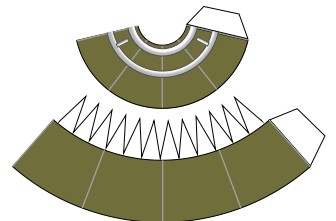
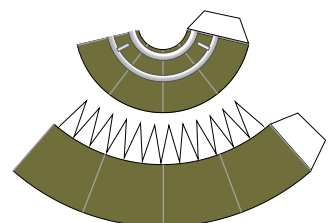
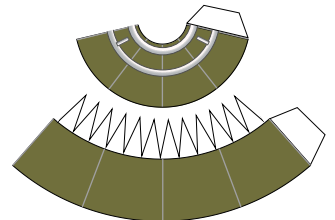
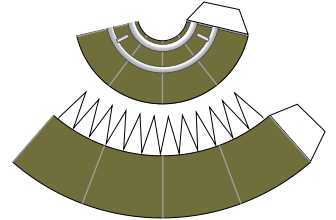
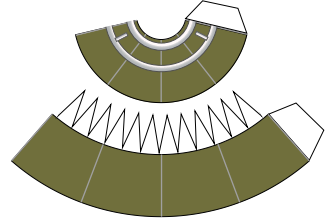
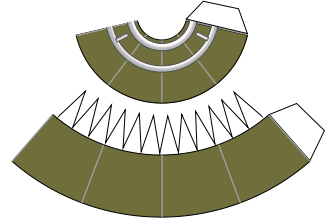
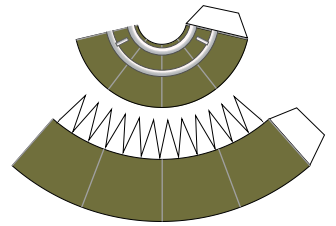
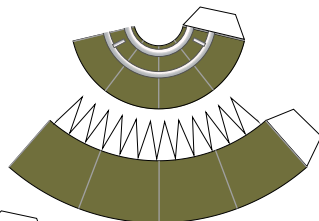
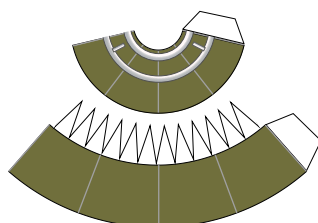
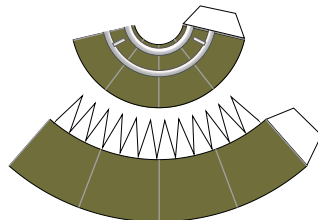
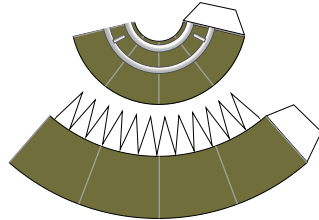
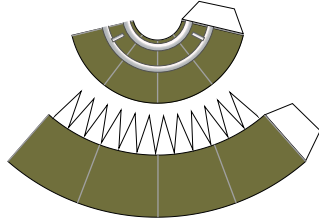
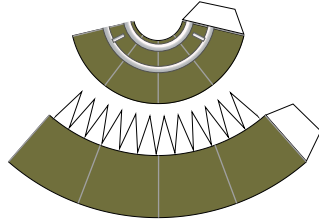
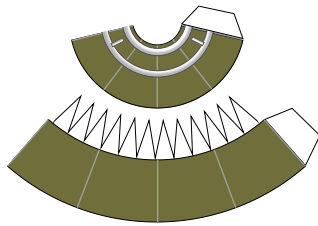
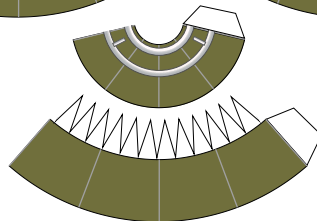
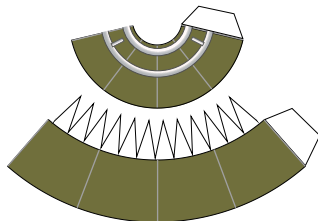
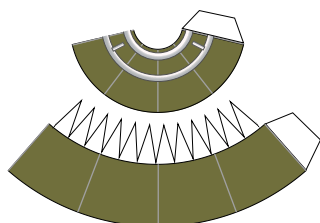
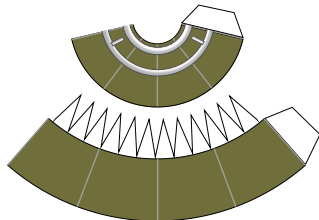
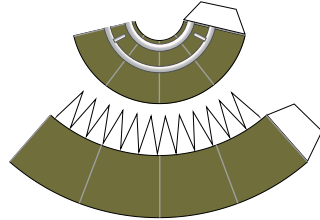
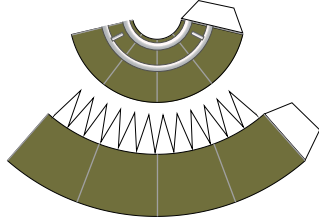
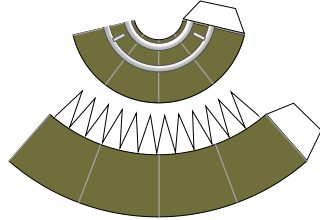
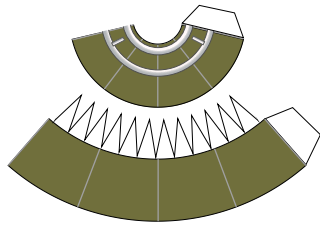
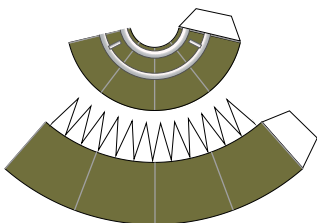
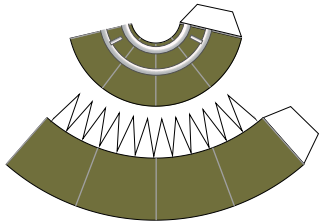
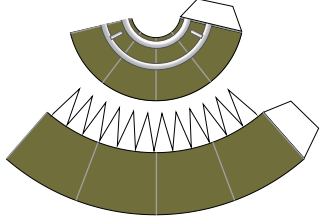
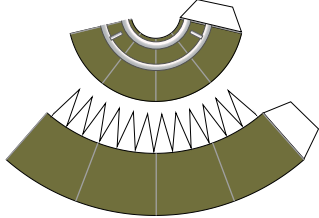
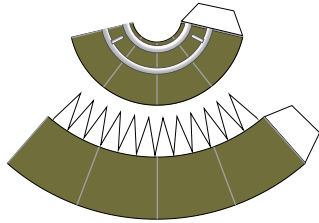
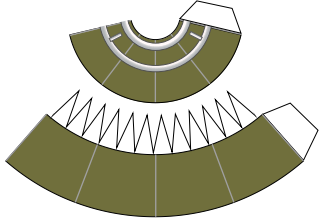
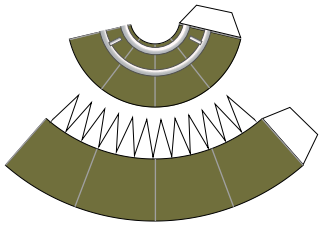
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

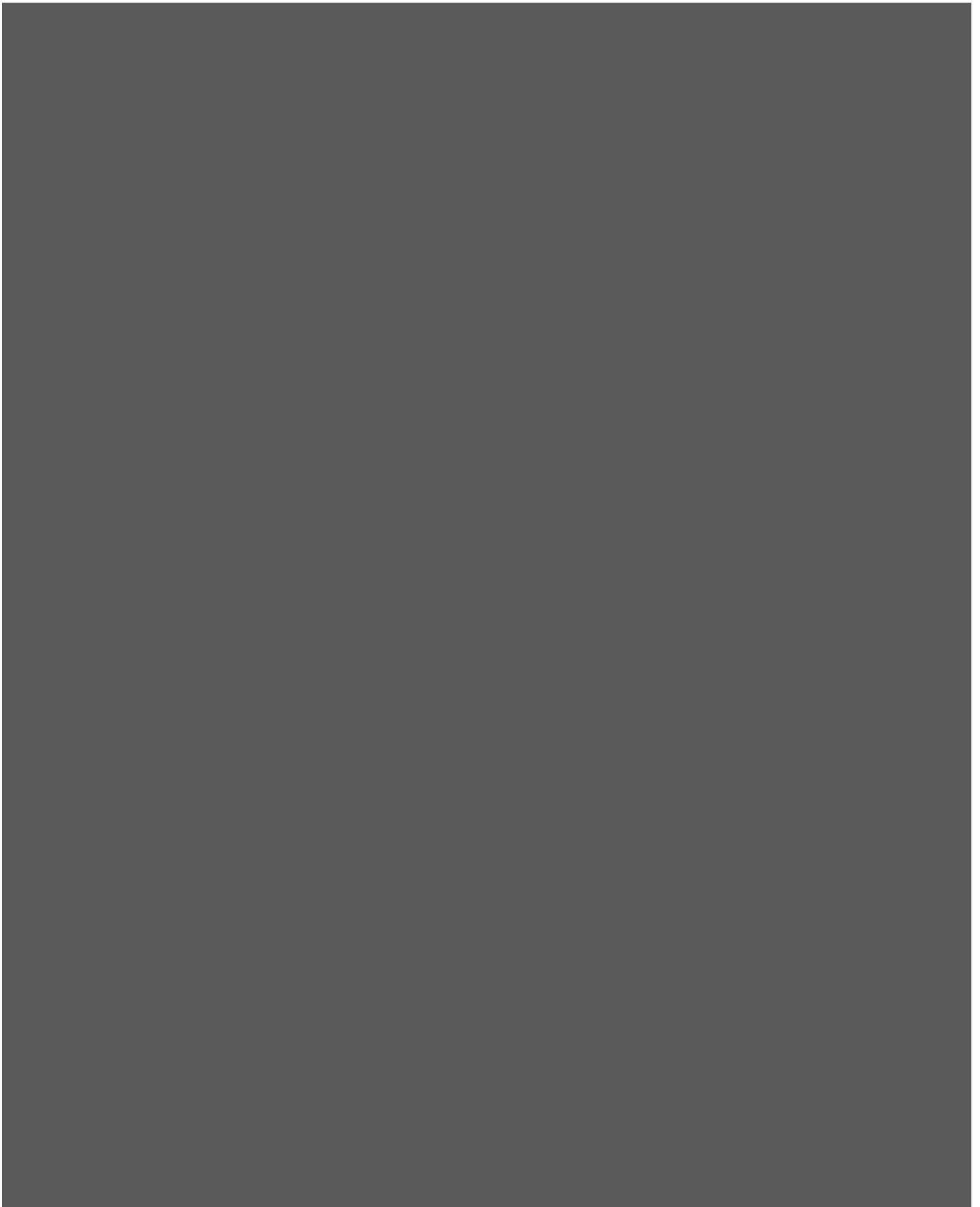
Print on Cardstock (110 lbs)





SuperHeavy Raptors BACKPRINT

Print on Cardstock (110 lbs)





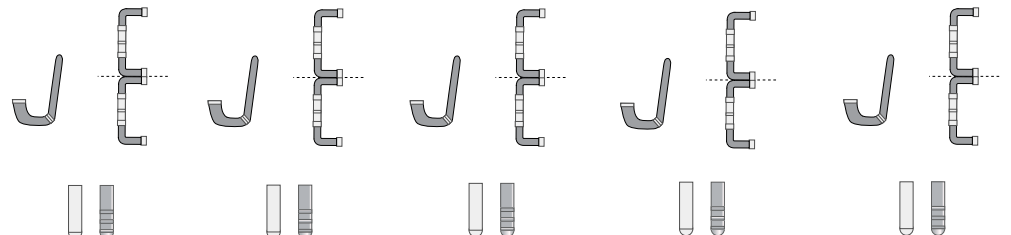
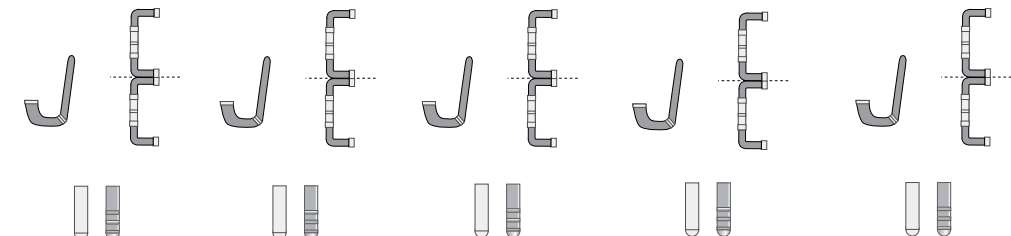
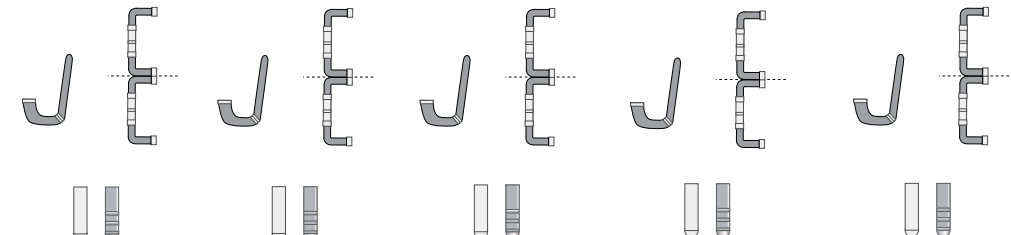
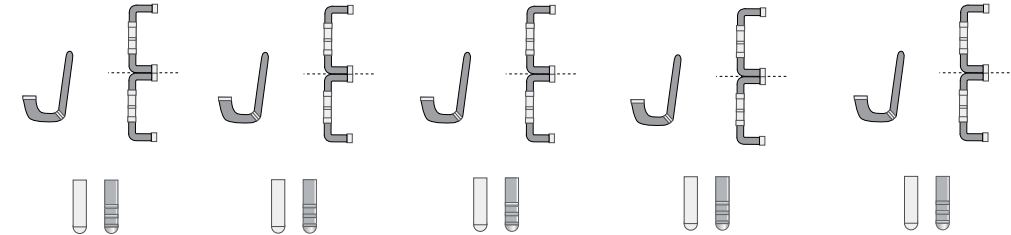
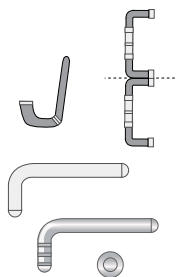
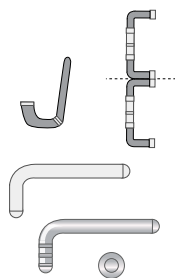
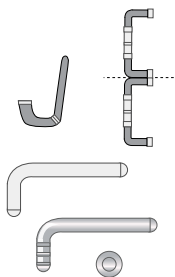
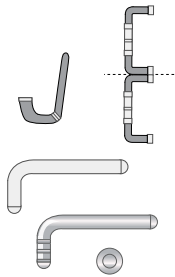
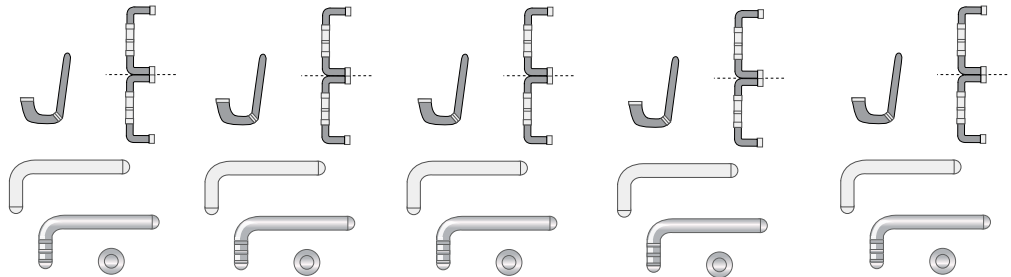
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)





1 cm

1 inch

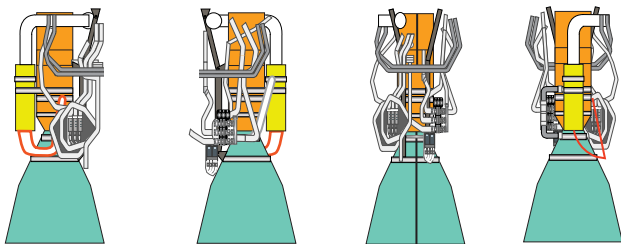
1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)



With gimbal system on Inner engine circle



No gimbal system on Outer engine circle

