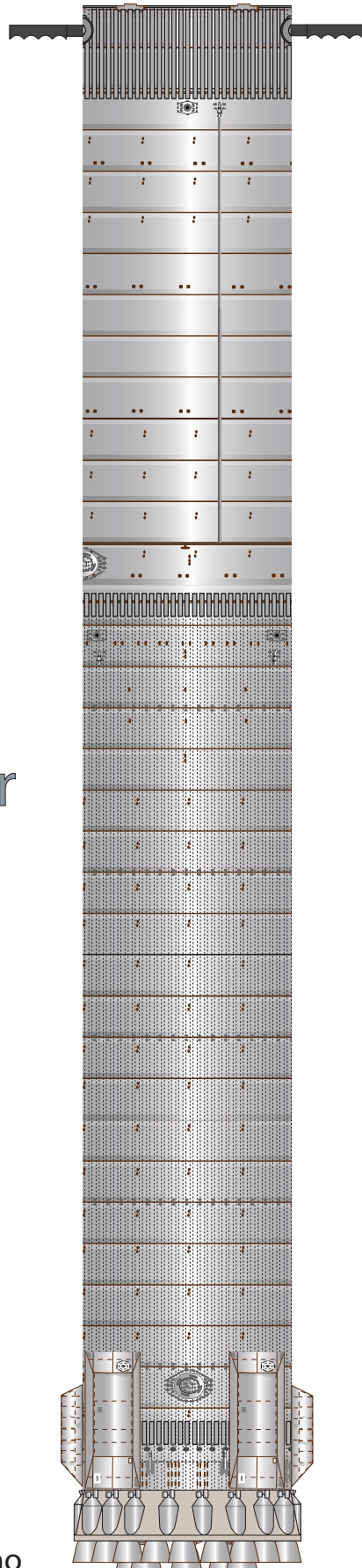


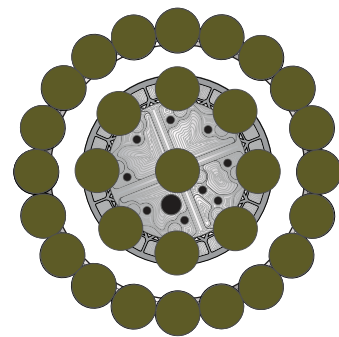
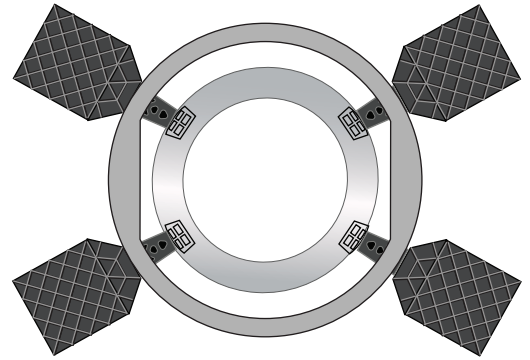


1:100 Scale

Use
metallic paper



B-4



Designed by Alfonso X Moreno

©2021 Not for commercial use



1 cm

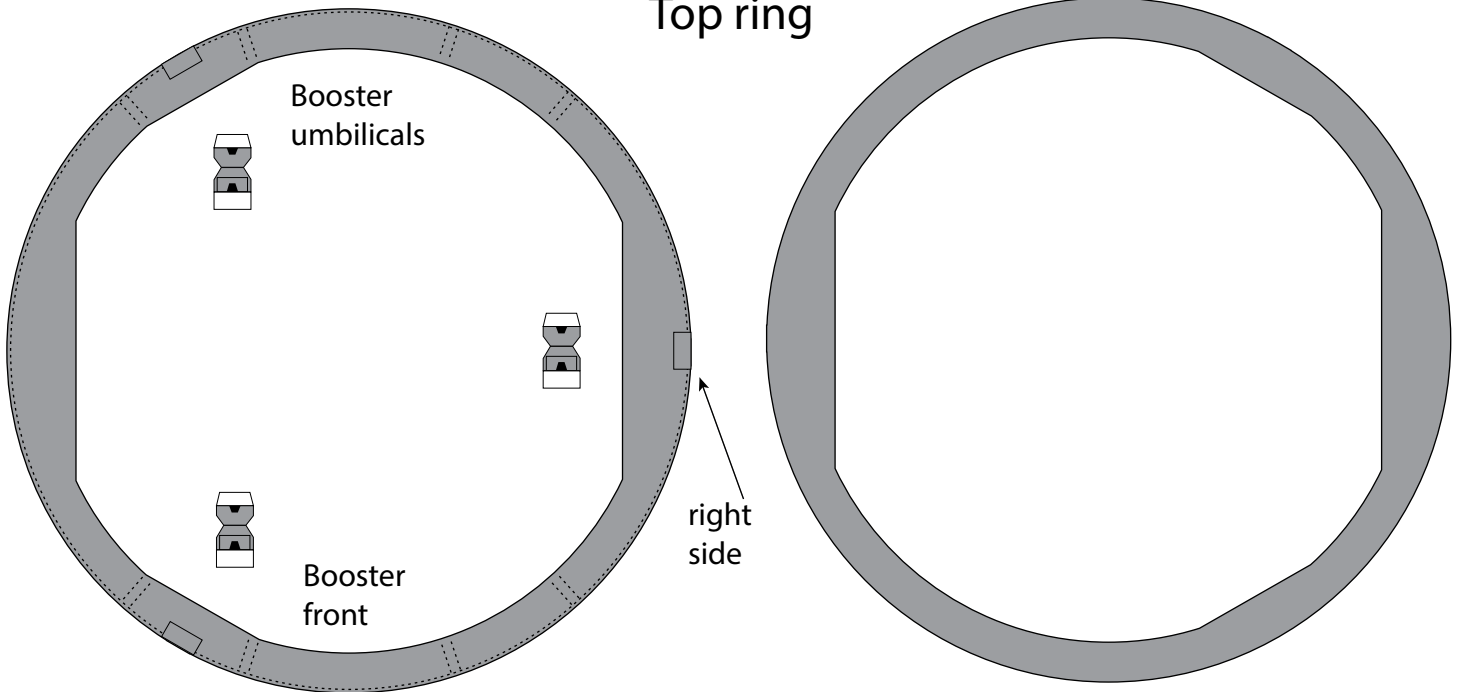
1 inch

1:100 Scale

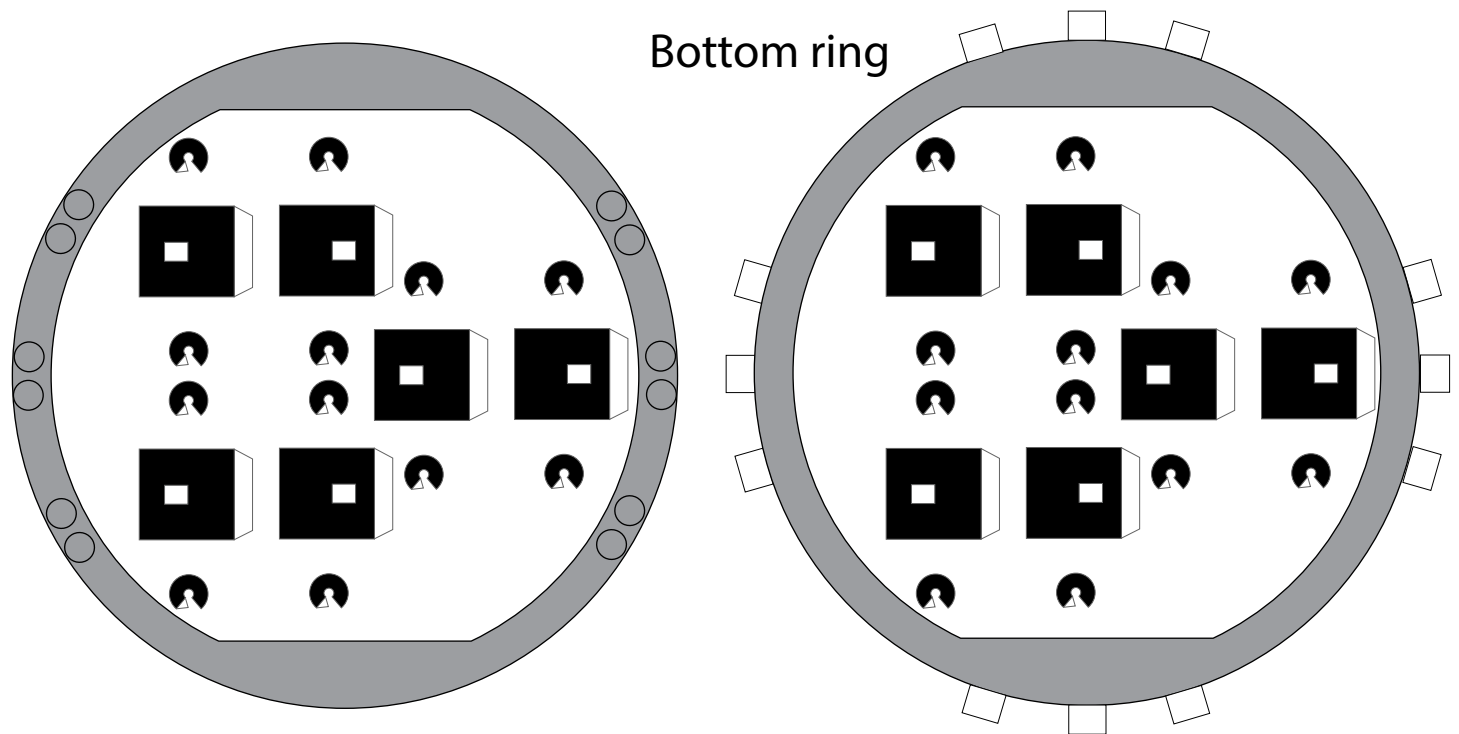
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

Top ring



Bottom ring



COPV pair
top and bottom supports



1 cm

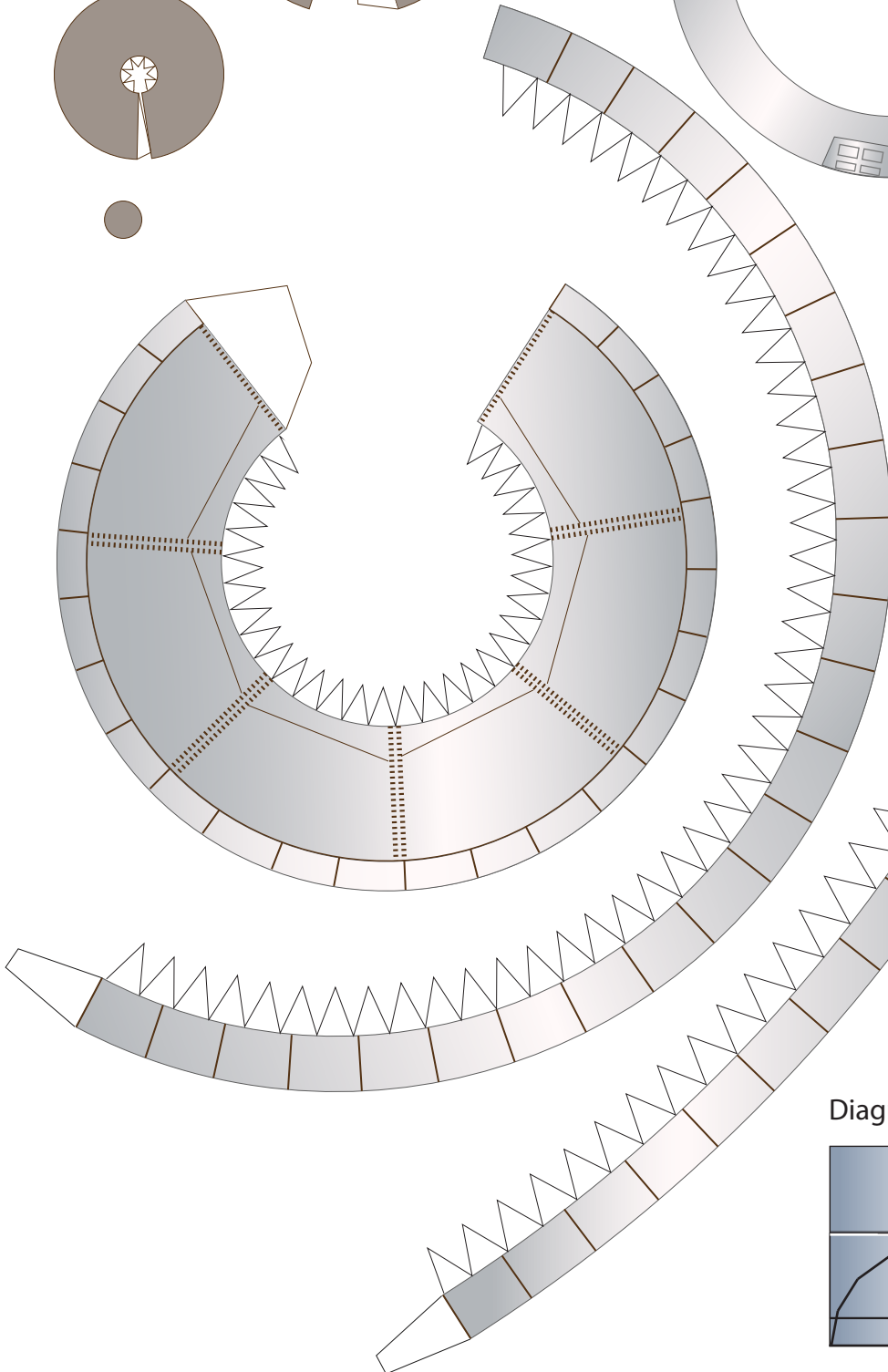
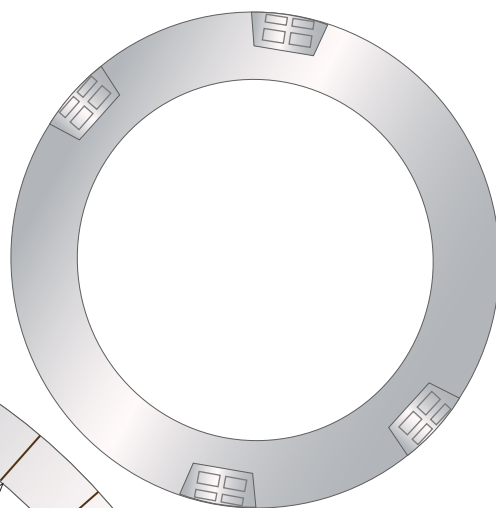
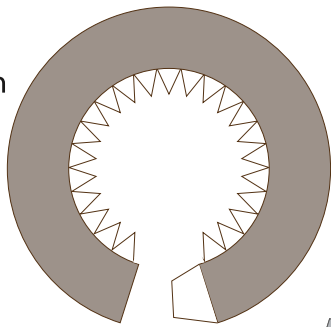
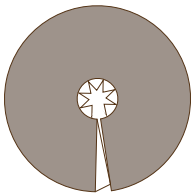
1 inch

1:100 Scale

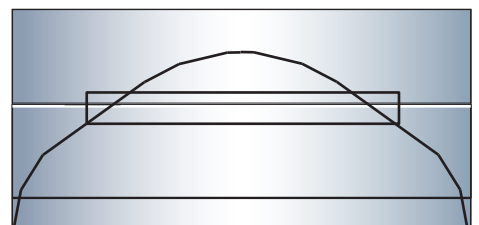
cut

SuperHeavy BN-4 Upper Dome

Print on Cardstock (110 lbs)



Diagram





1:100 Scale

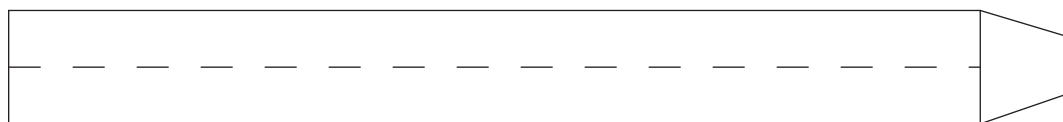
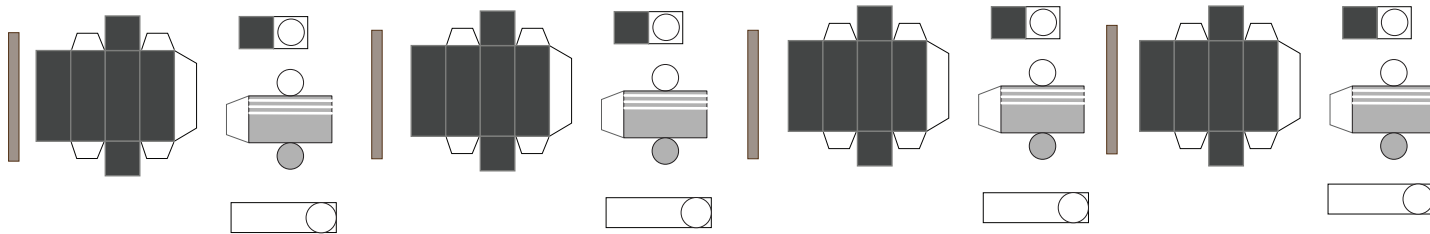
1 cm

1 inch

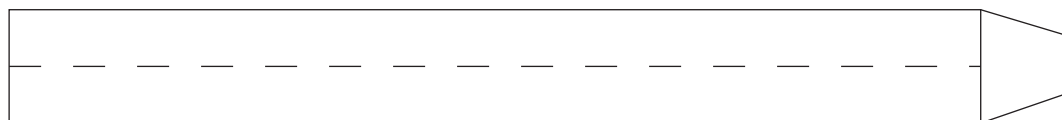
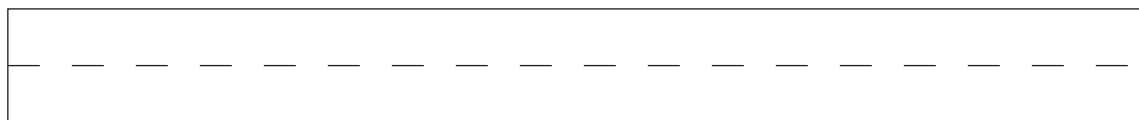
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

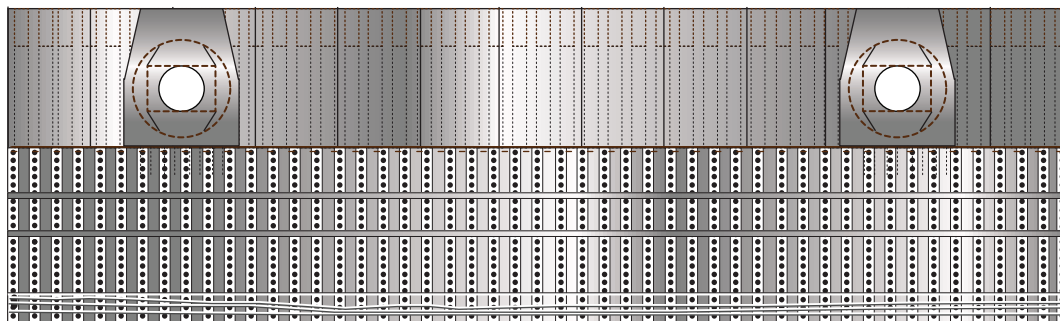
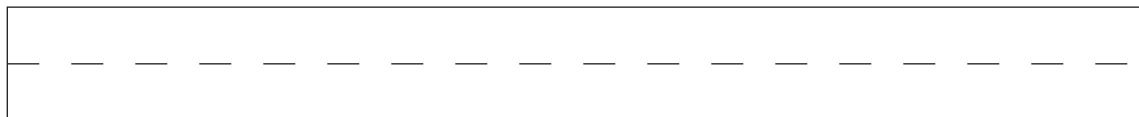
Grid Fins servo motors and Connectors for each body segment



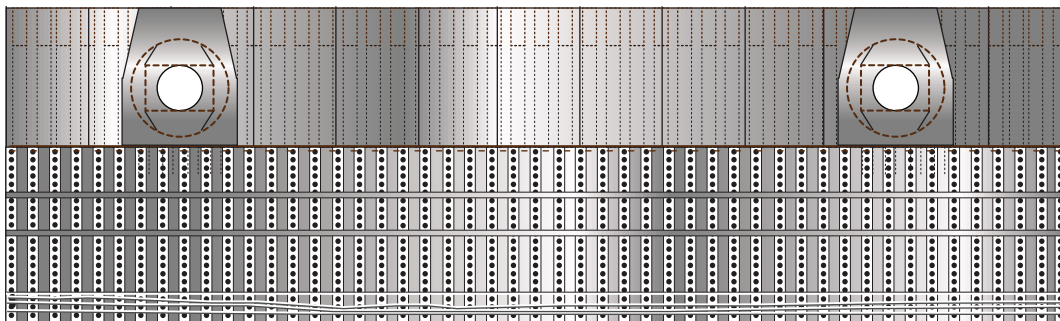
top/middle



middle/bottom



Interior wall
for upper dome
section





1 cm

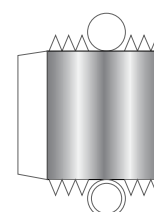
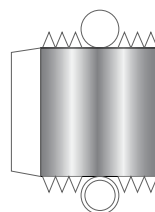
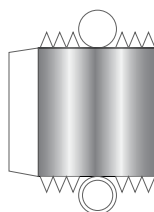
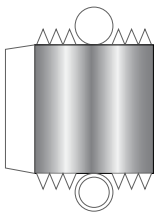
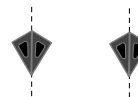
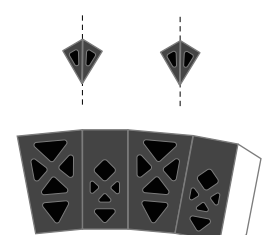
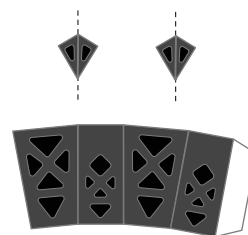
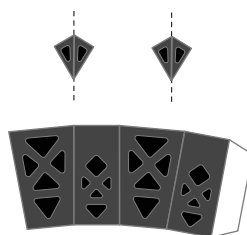
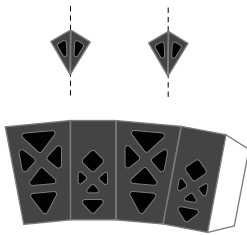
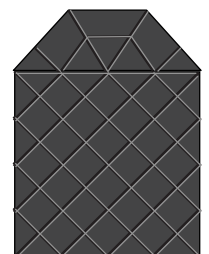
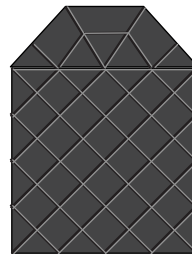
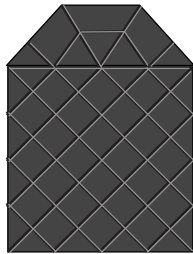
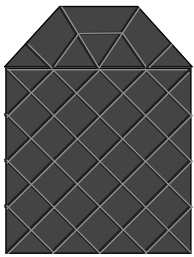
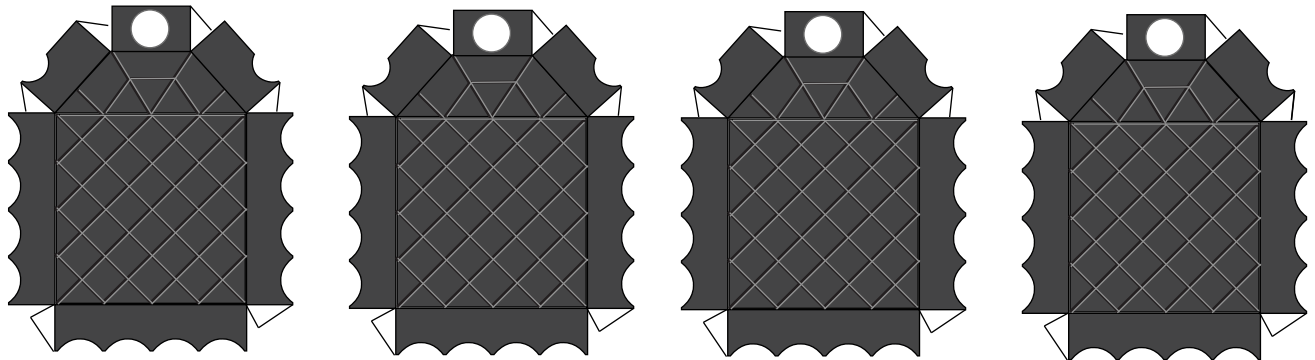
1 inch

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

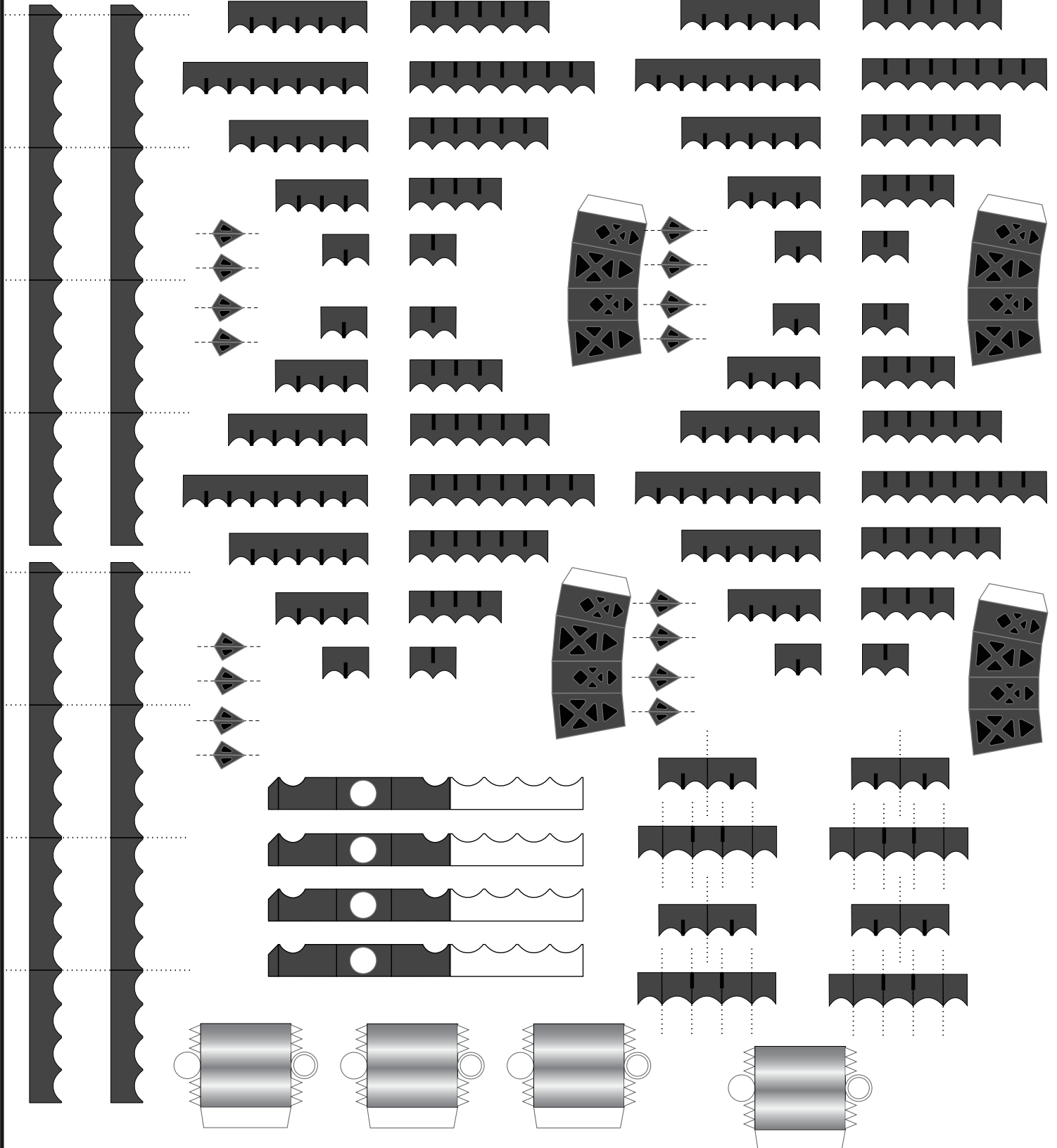
1 inch

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

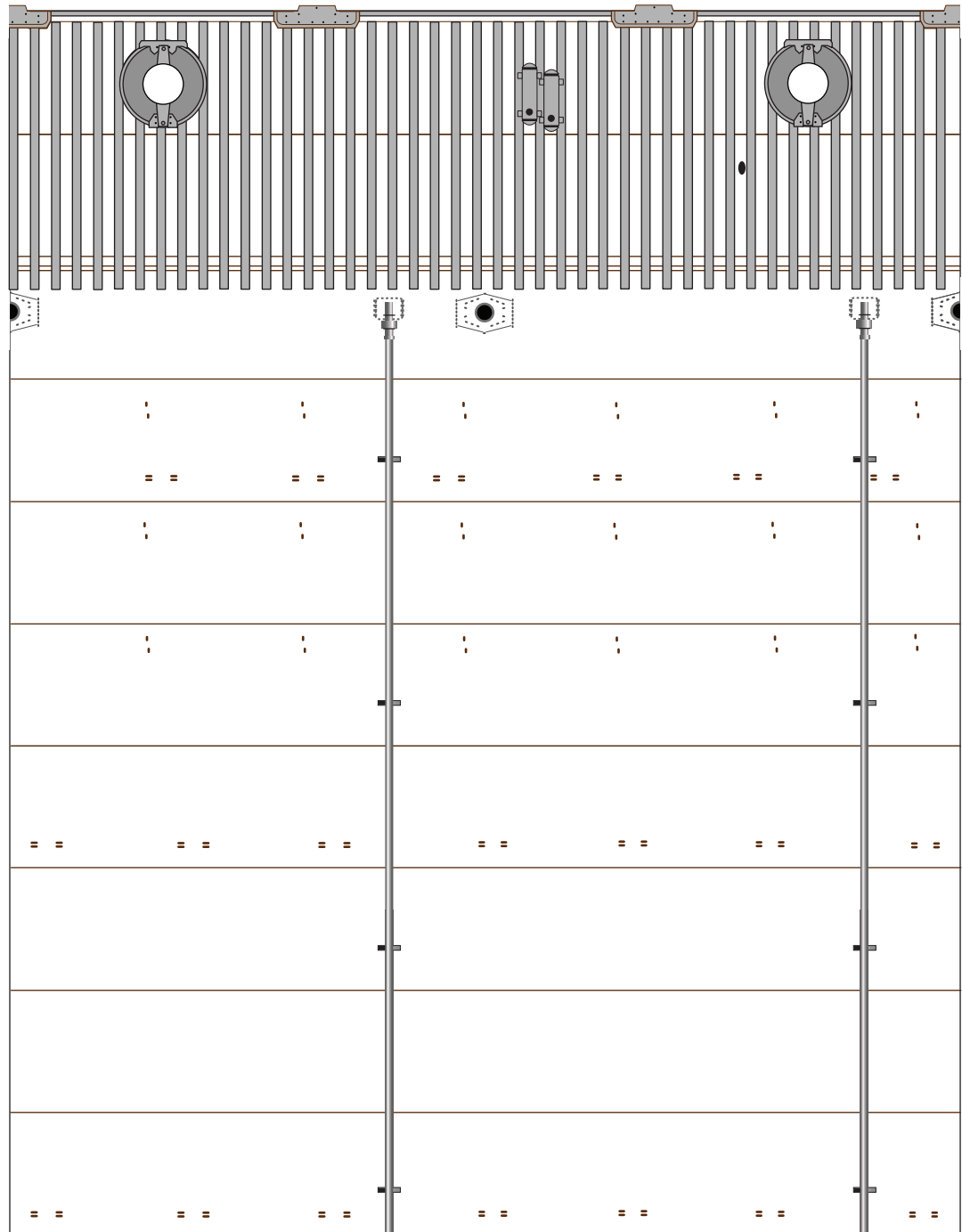
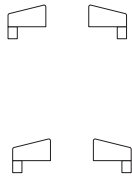
1 cm

1 inch

SpaceX BN4

Print on metallic paper
on its white side

Belly side top





1:100 Scale

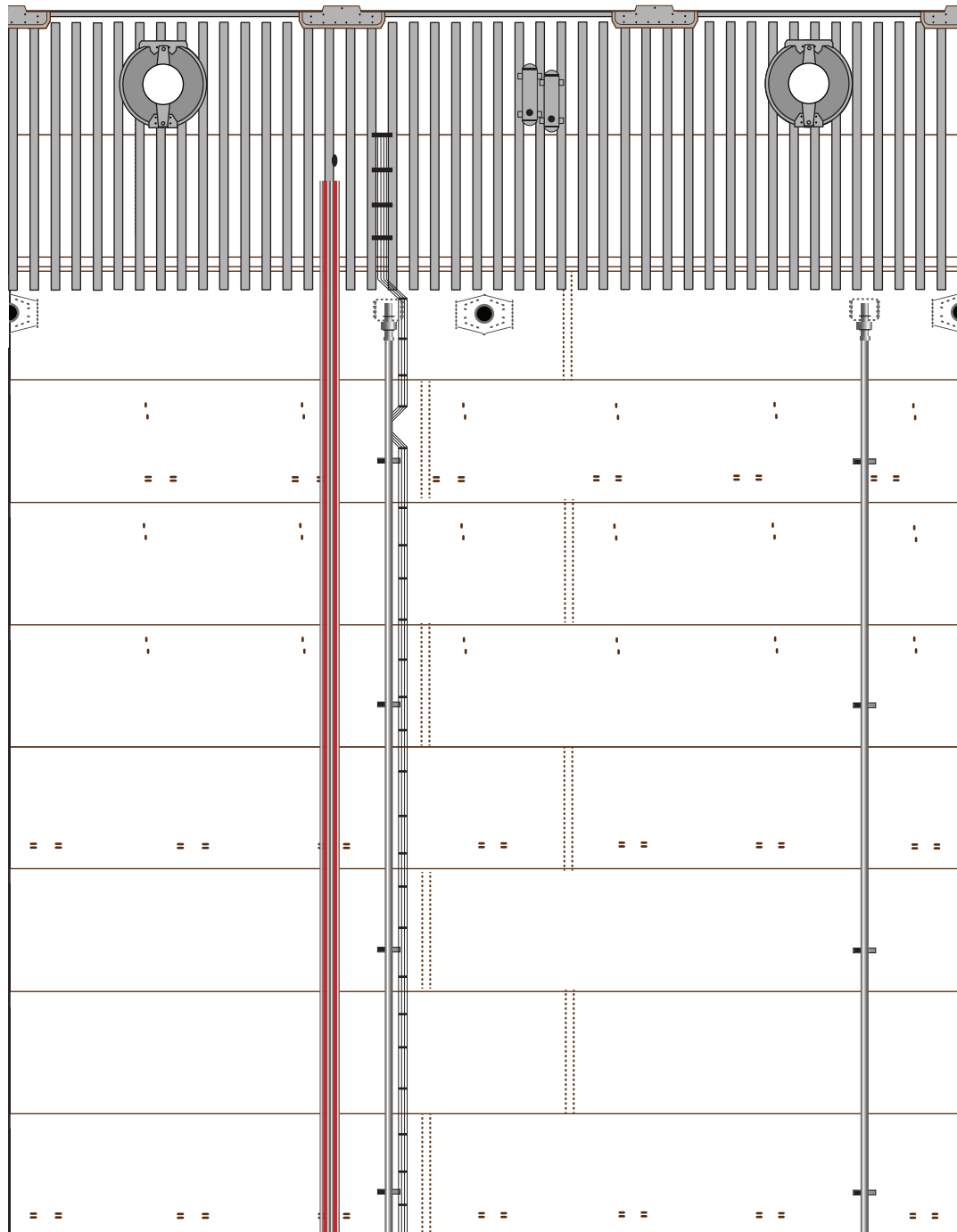
1 cm

1 inch

SpaceX BN4

Print on metallic paper
on its white side

Back side top





1:100 Scale

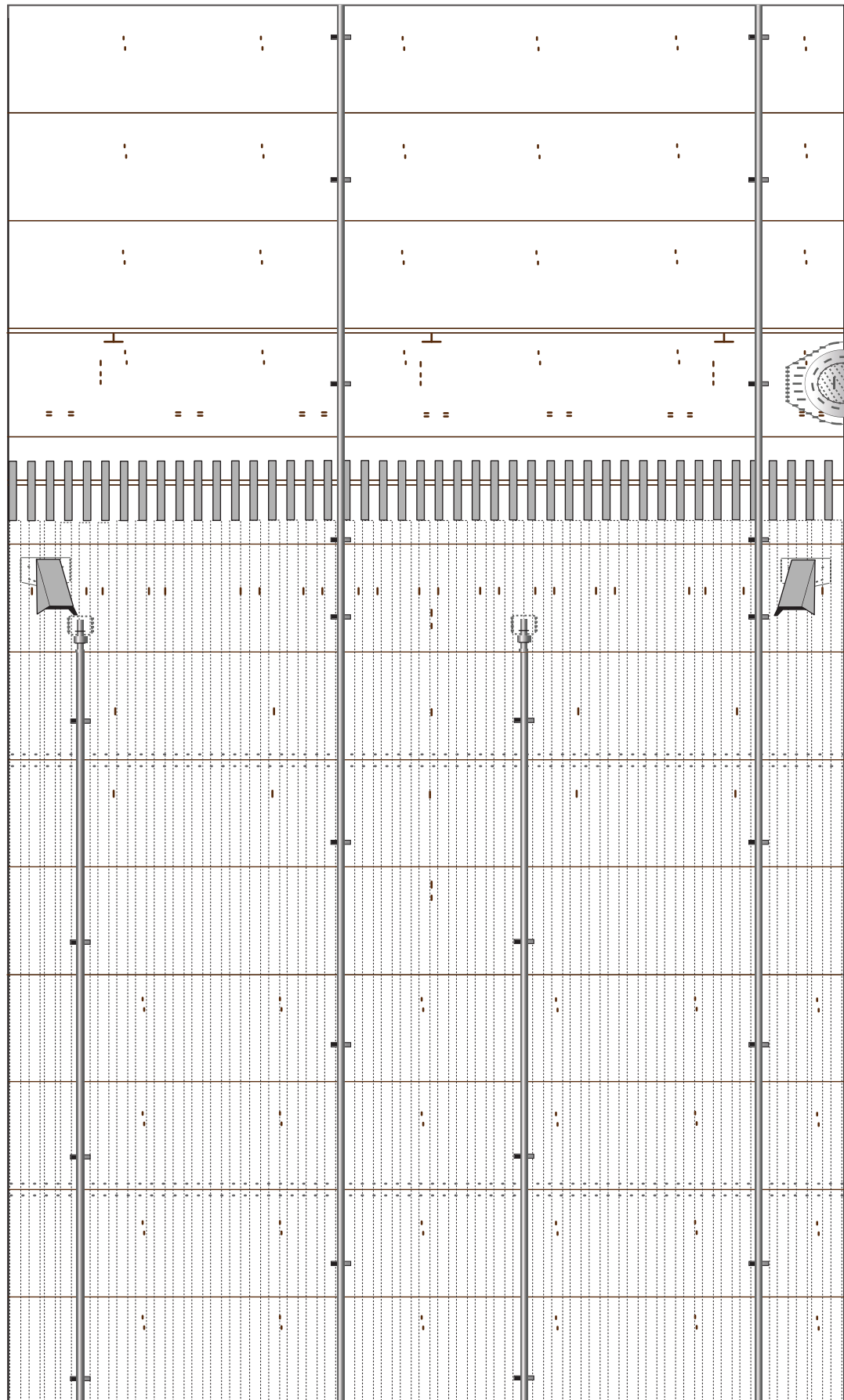
1 cm

1 inch

SpaceX BN4

Belly side middle

Print on metallic paper
on its white side





1:100 Scale

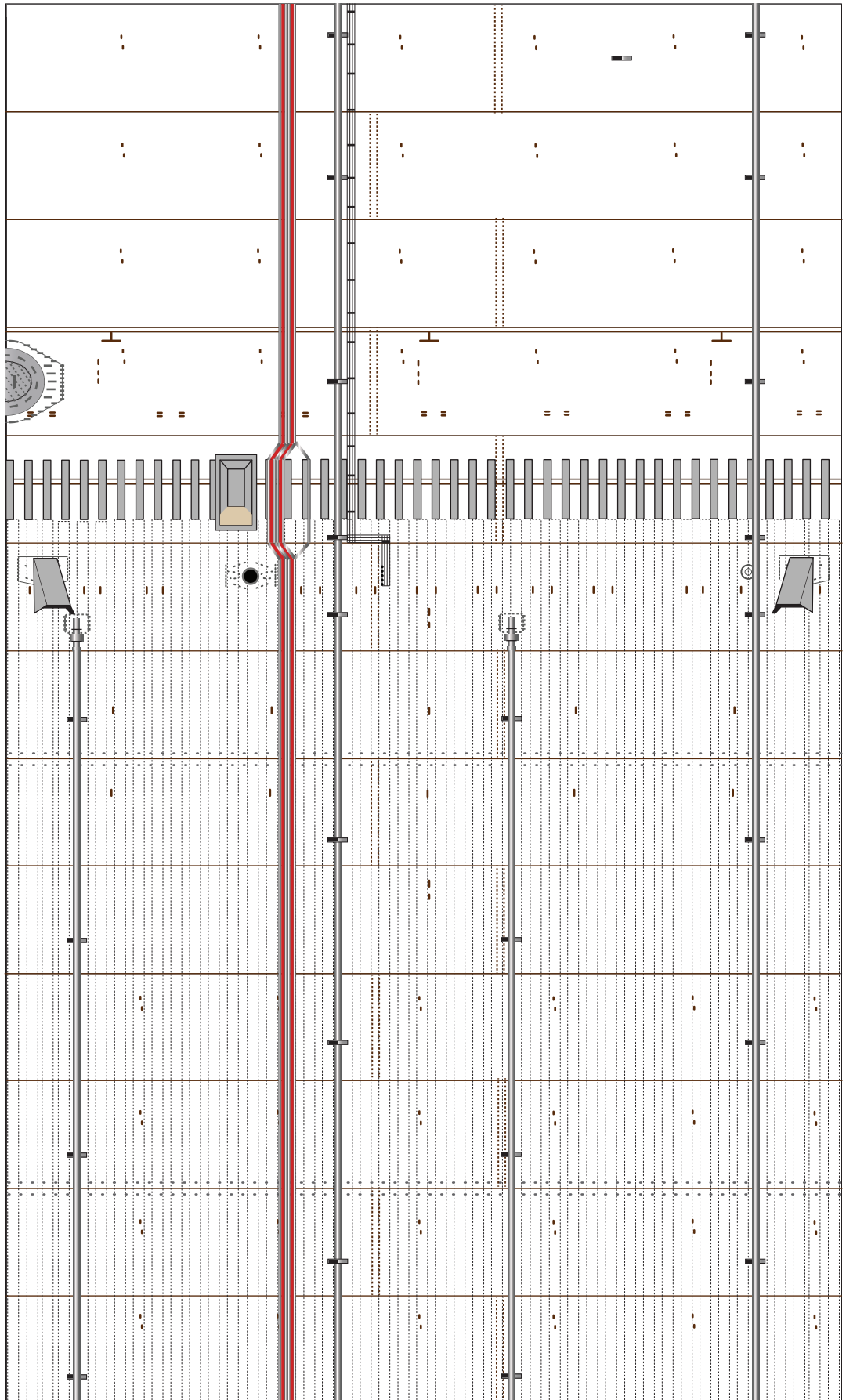
1 cm

1 inch

SpaceX BN4

Back side middle

Print on metallic paper
on its white side





1:100 Scale

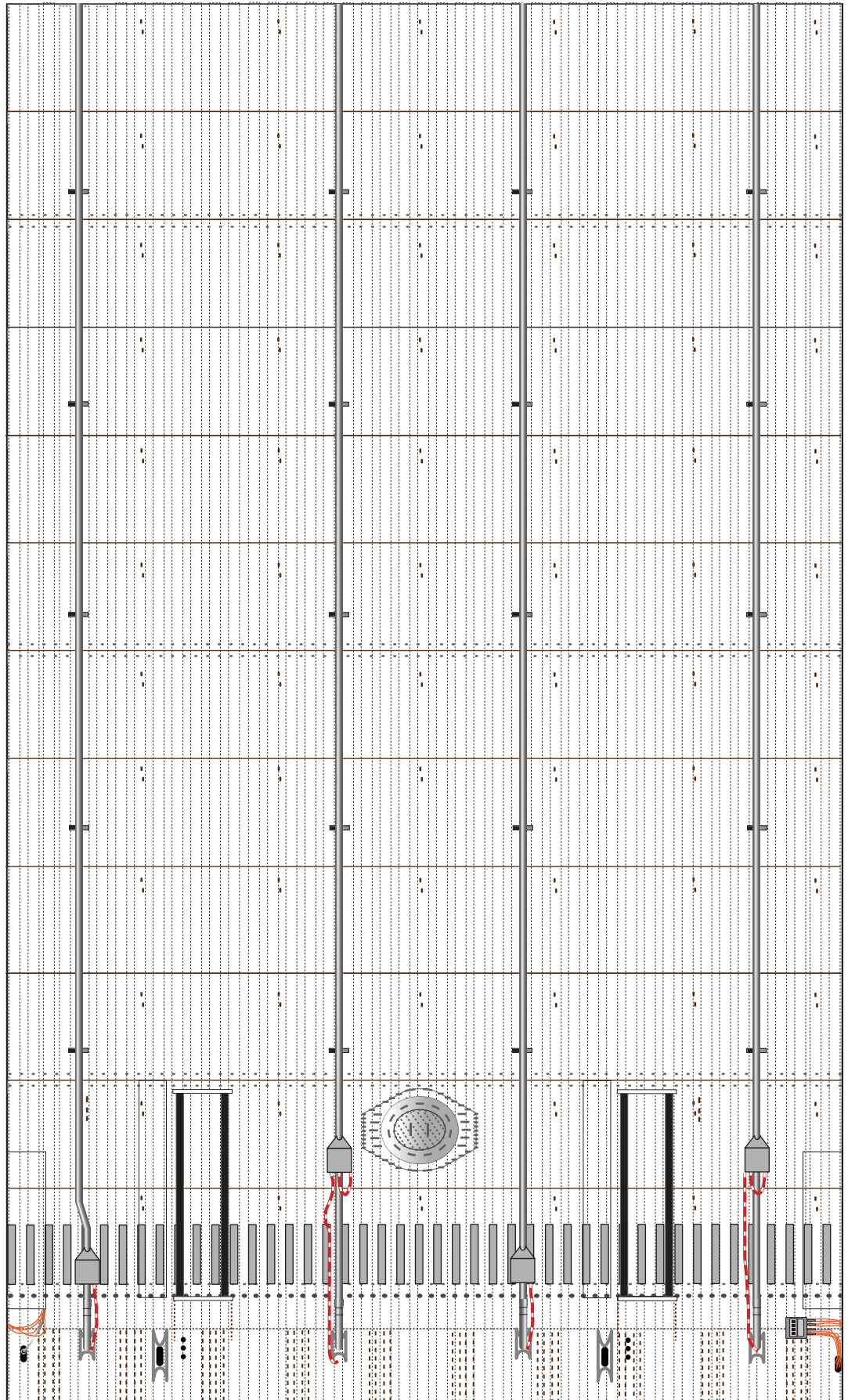
1 cm

1 inch

SpaceX BN4

Belly side bottom

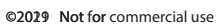
Print on metallic paper
on its white side





1 inch

Print on metallic paper
on its white side





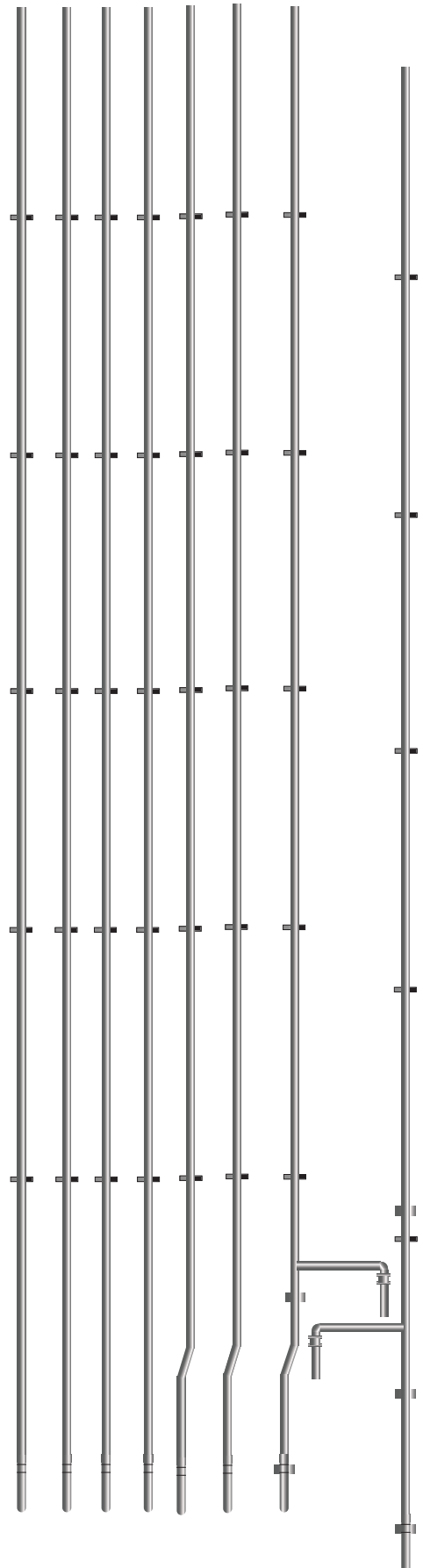
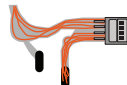
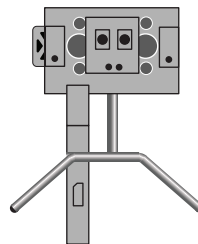
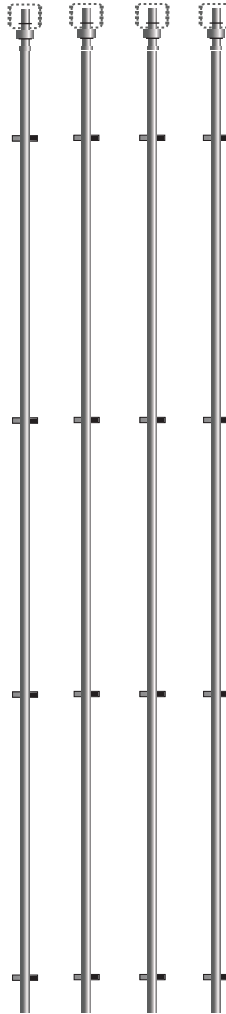
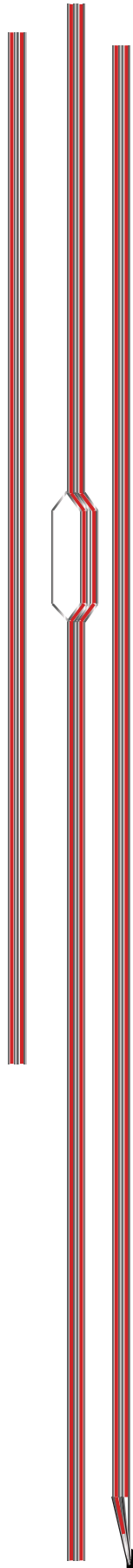
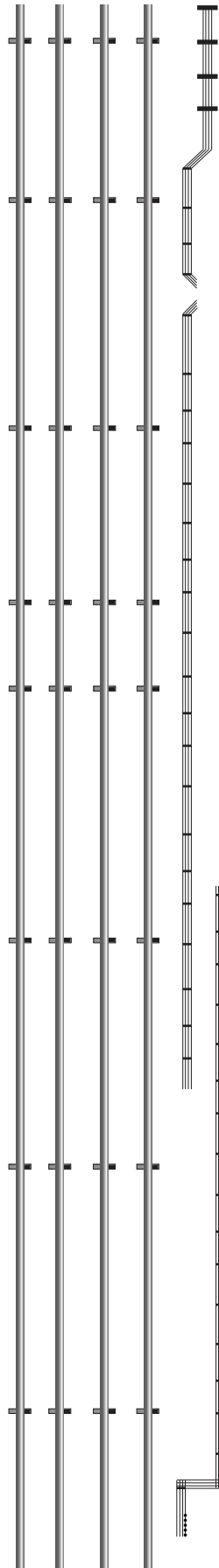
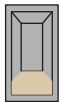
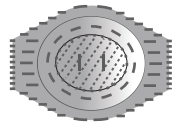
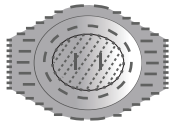
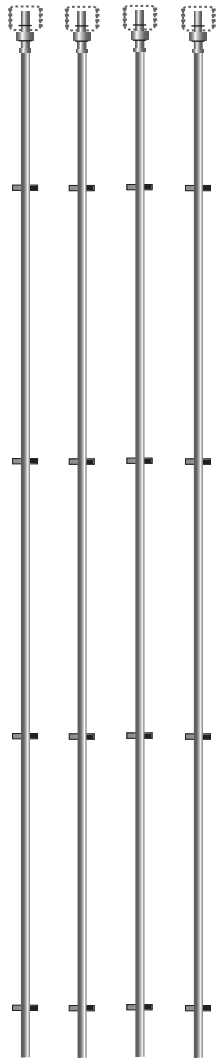
1:100 Scale

1 cm

1 inch

SpaceX SuperHeavy B4

Print on cardstock





1:100 Scale

1 cm

1 inch

top

SpaceX BN-4

Print on Cardstock (110 lbs)

middle

bottom



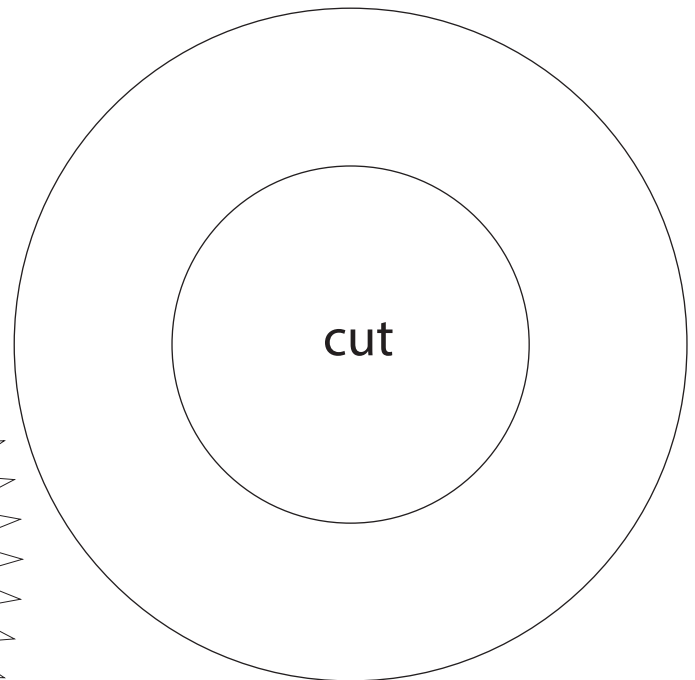
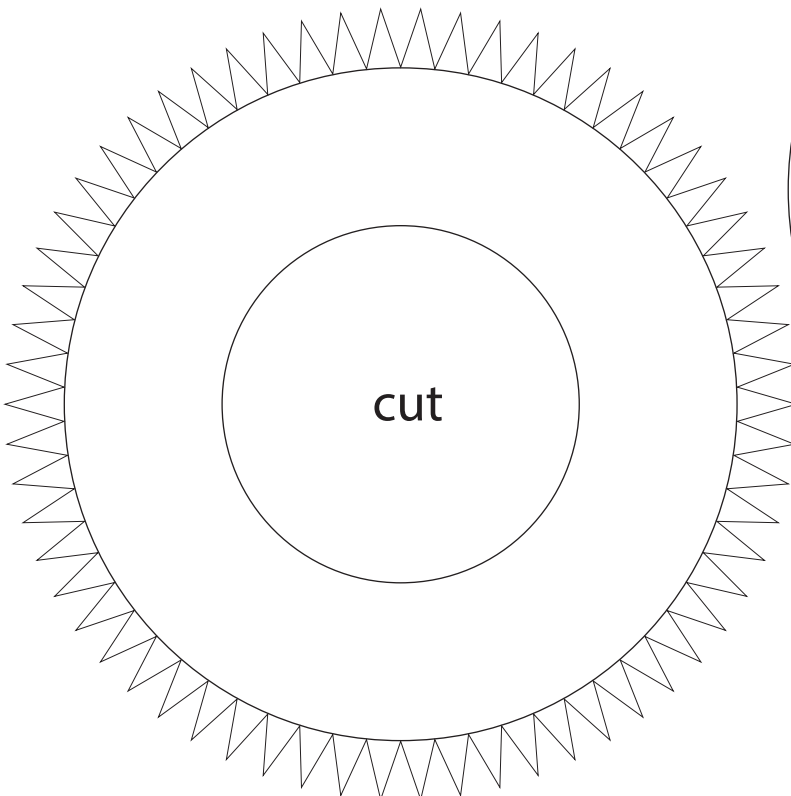
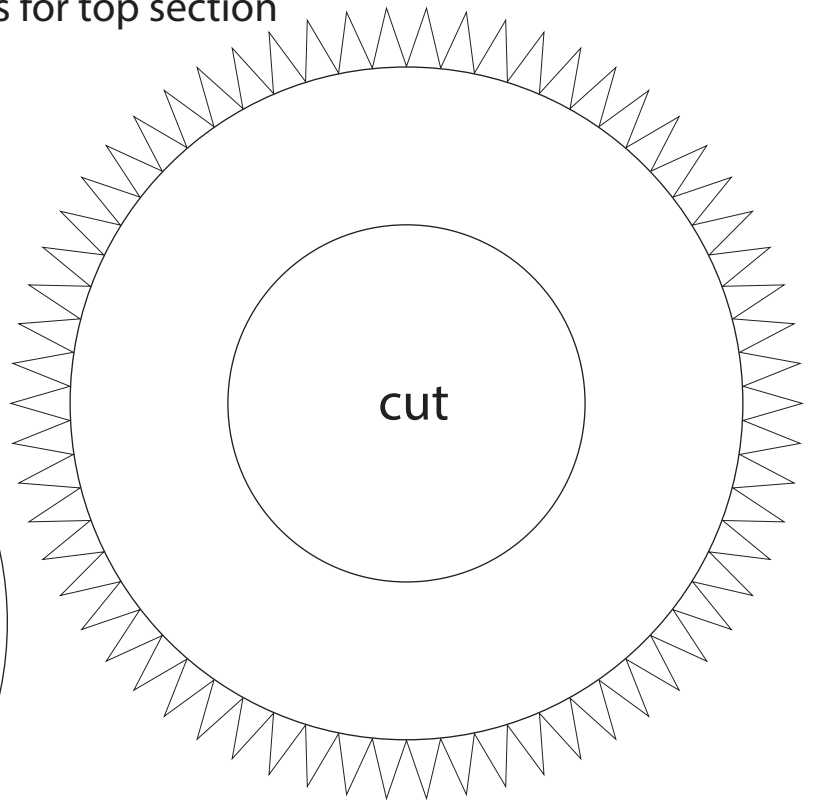
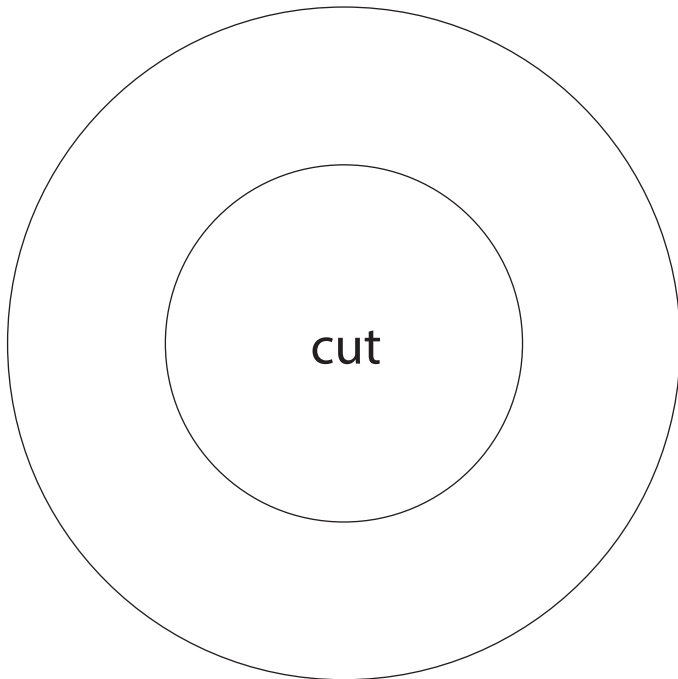
1:100 Scale



SpaceX Starship BN-4

Print on Cardstock (110 lbs)

Formers for top section

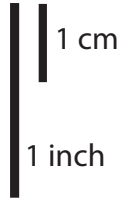


IMPORTANT

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.



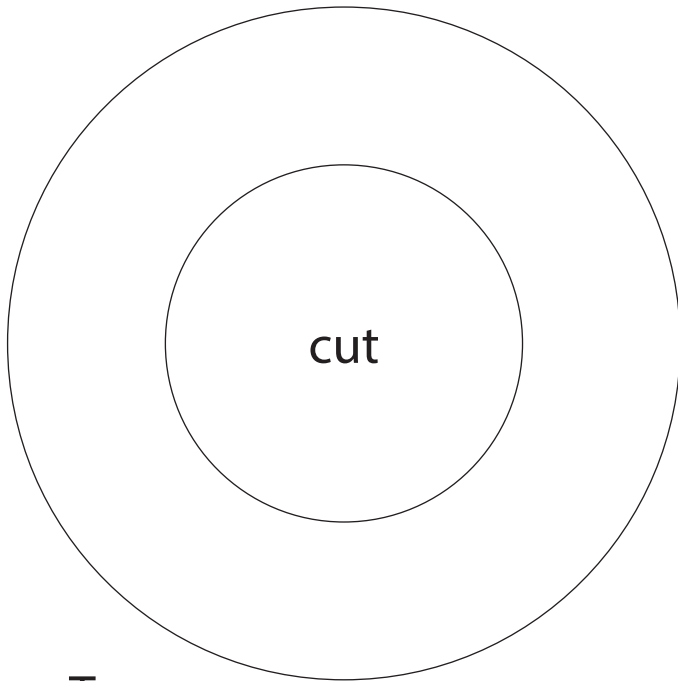
1:100 Scale



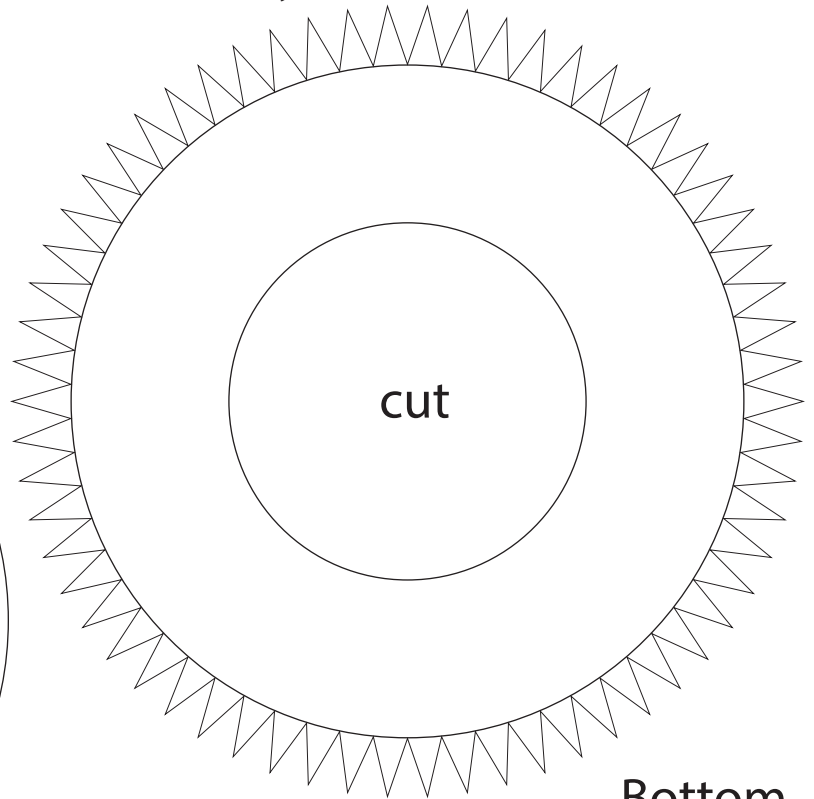
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

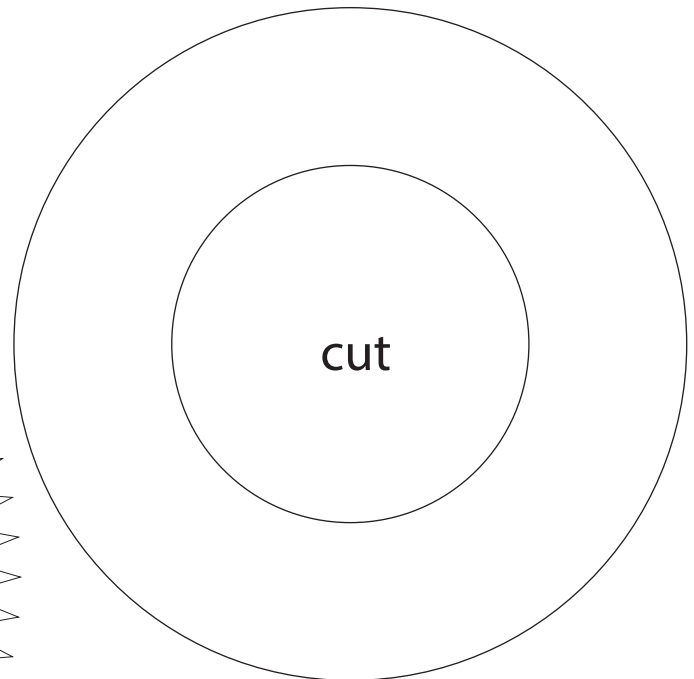
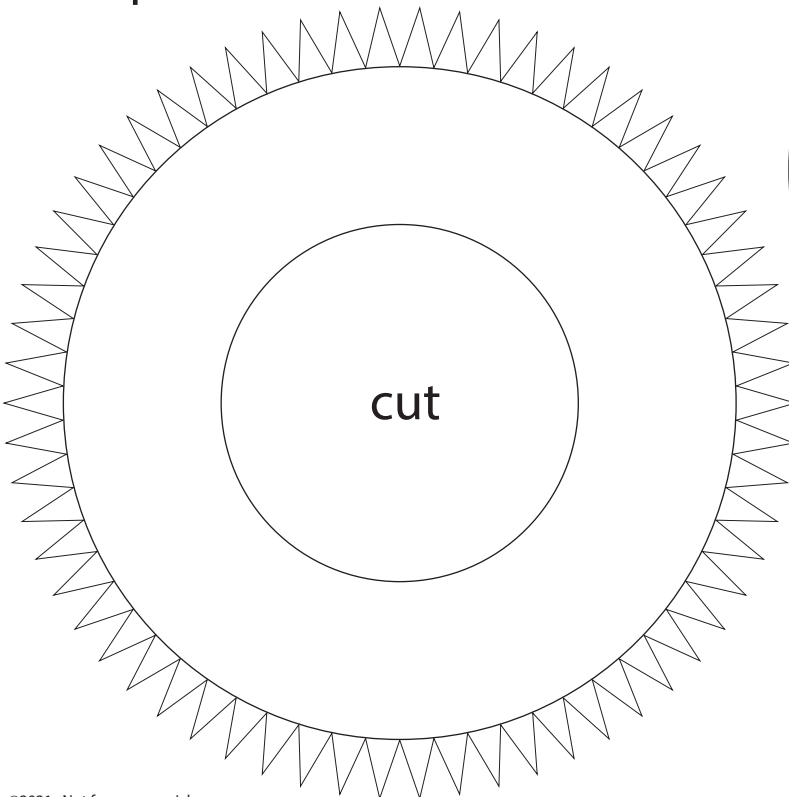
Formers for middle body



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.



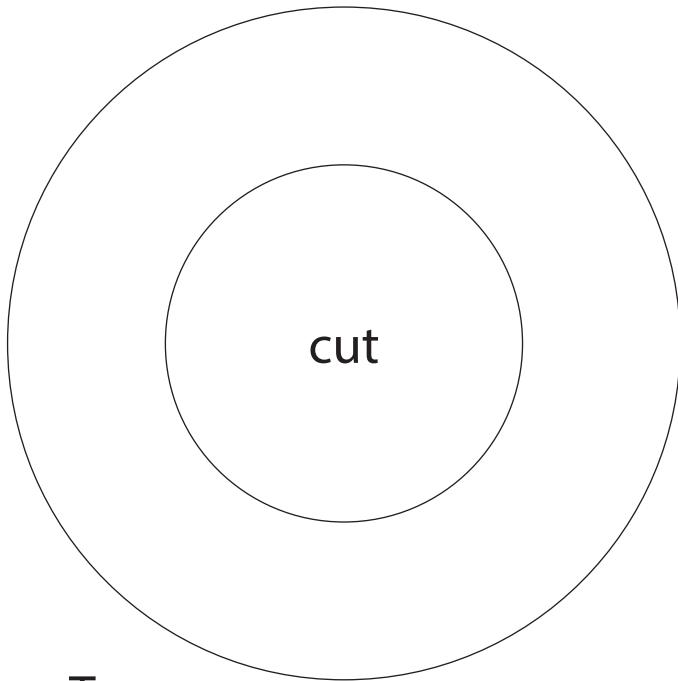
1:100 Scale



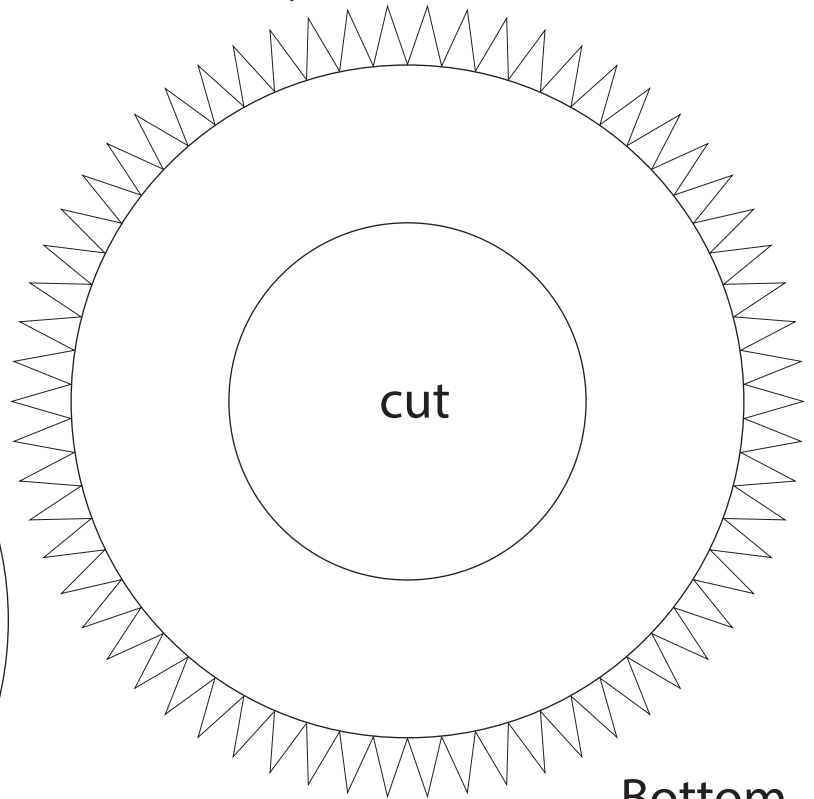
SpaceX Starship BN-4

Print on Cardstock (110 lbs)

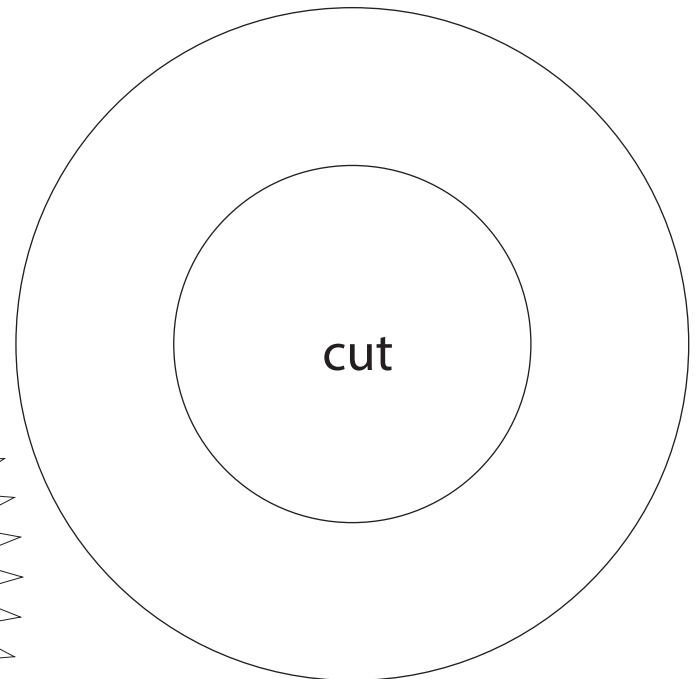
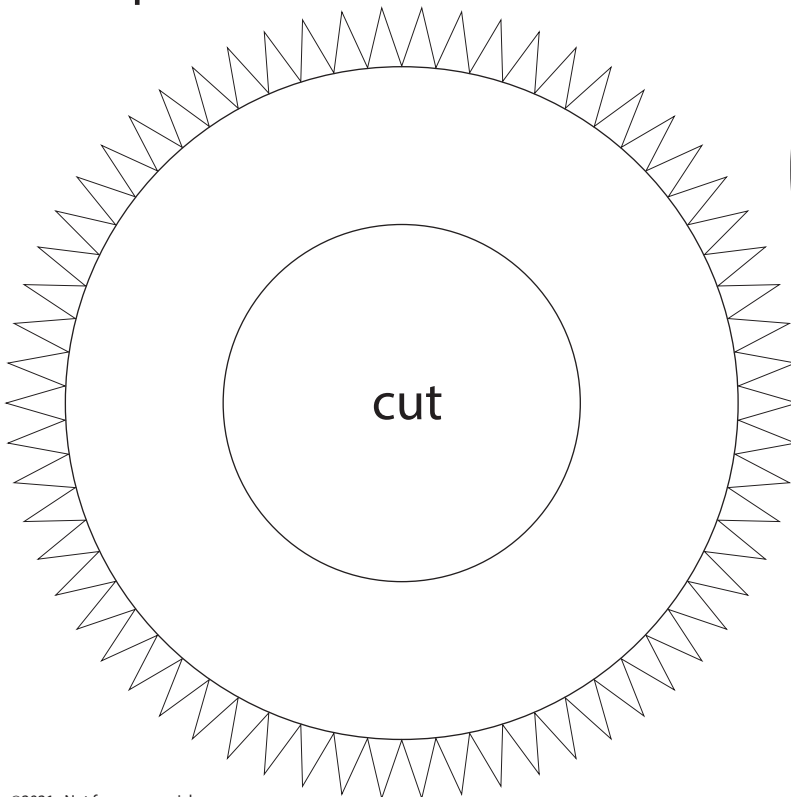
Formers for bottom body



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

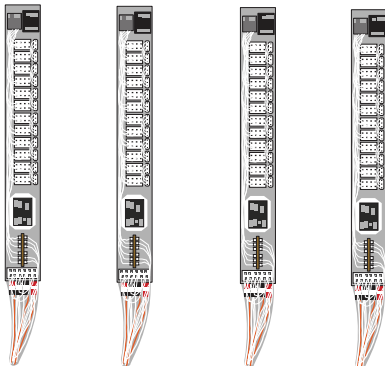
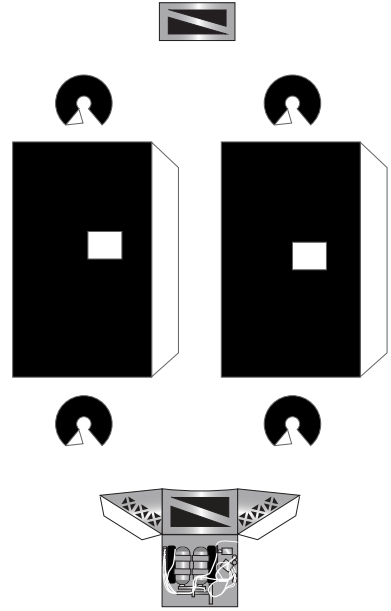
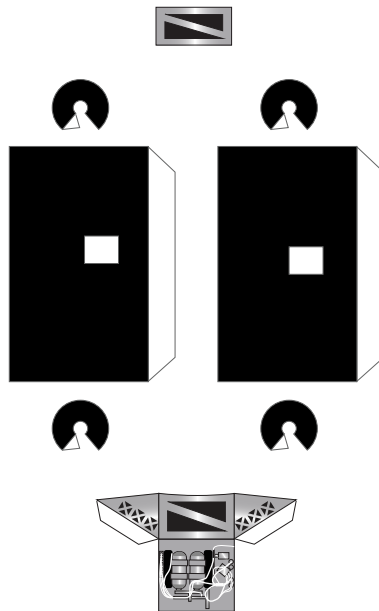
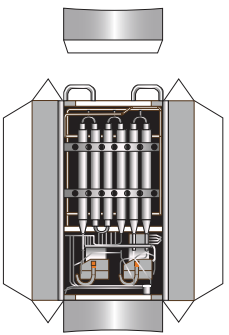
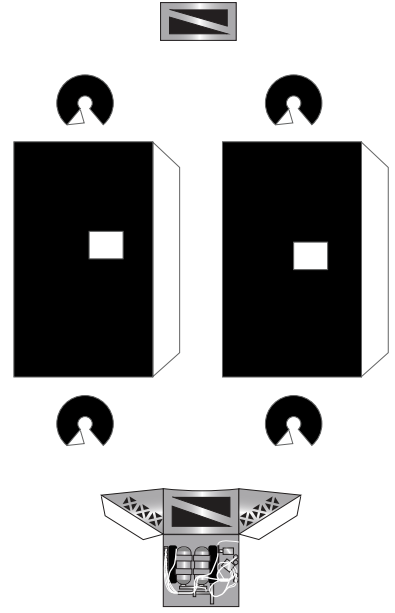
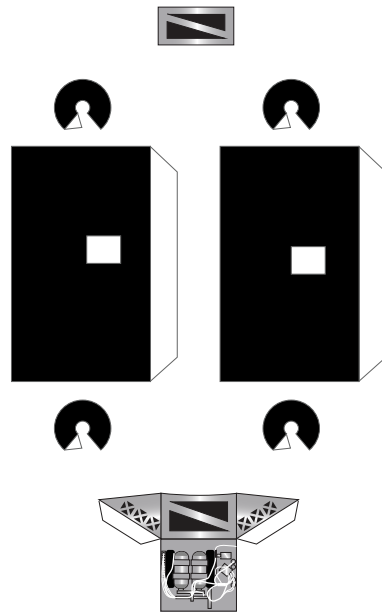
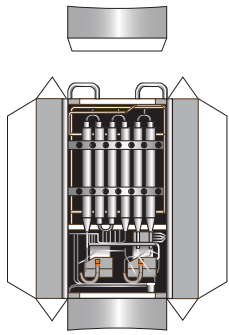
1:100 Scale

SpaceX BN4

Print on Cardstock (110 lbs)

COPVs

Revised





1:100 Scale

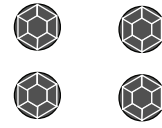
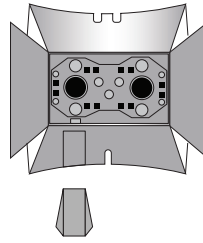
1 cm

1 inch

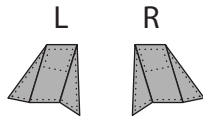
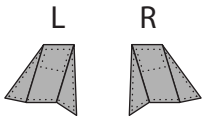
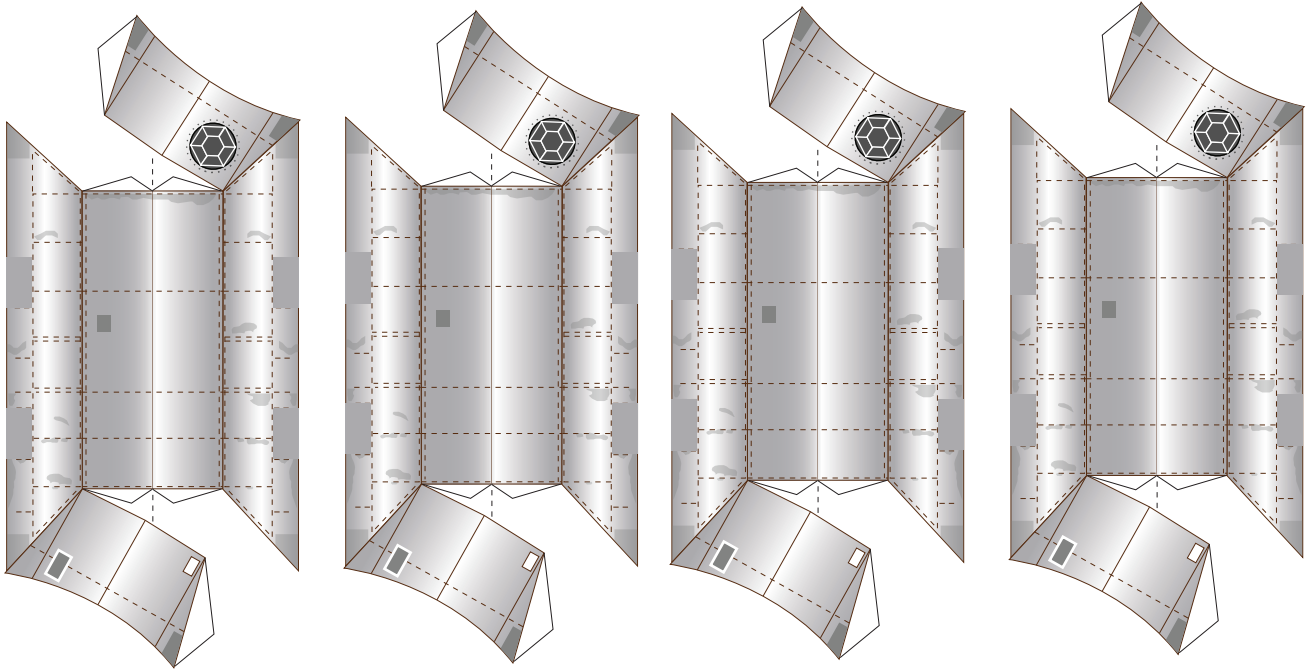
SpaceX Heavy booster 4

Print on cardstock (110 lbs)

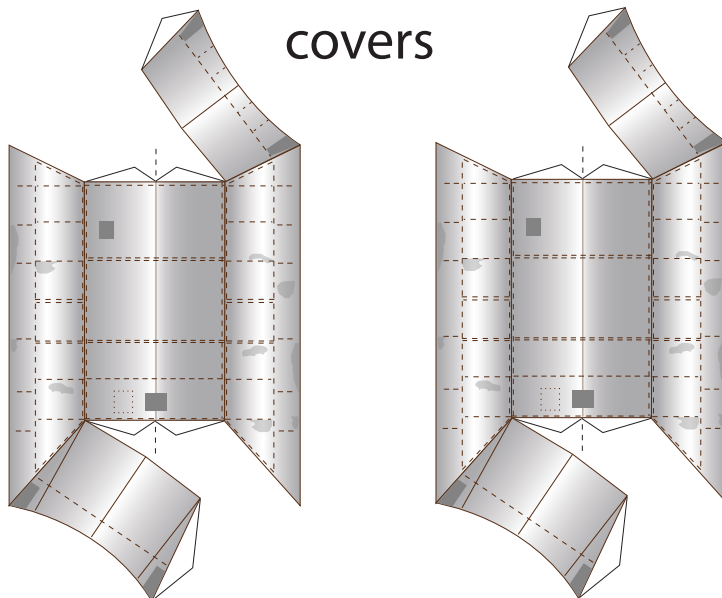
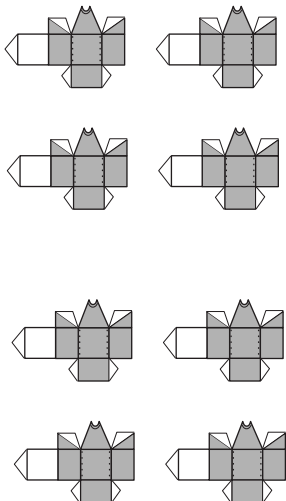
Booster Quick
Disconnect
and aerocover



COPV covers



Power Units covers





1 cm

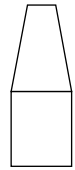
1 inch

1:100 Scale

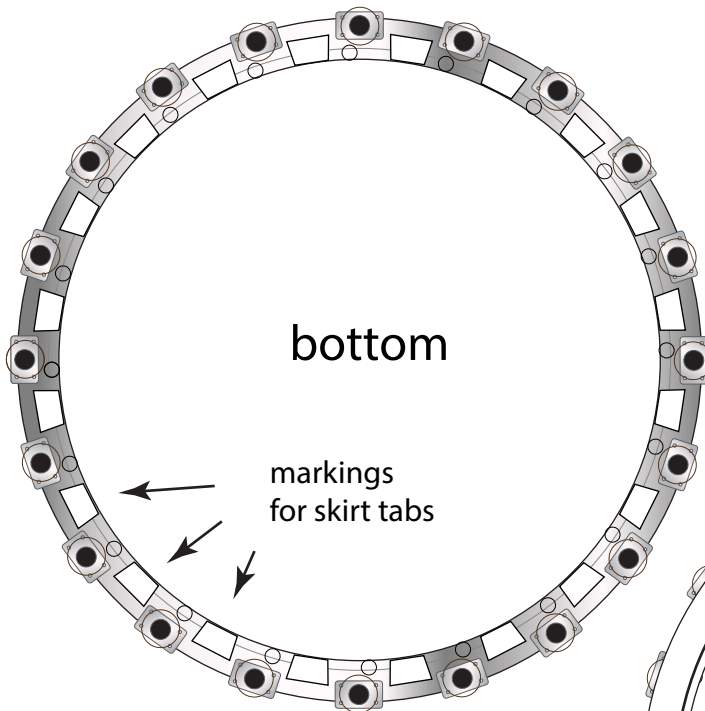
SpaceX SuperHeavy

Print on Cardstock (110 lbs)

Revised

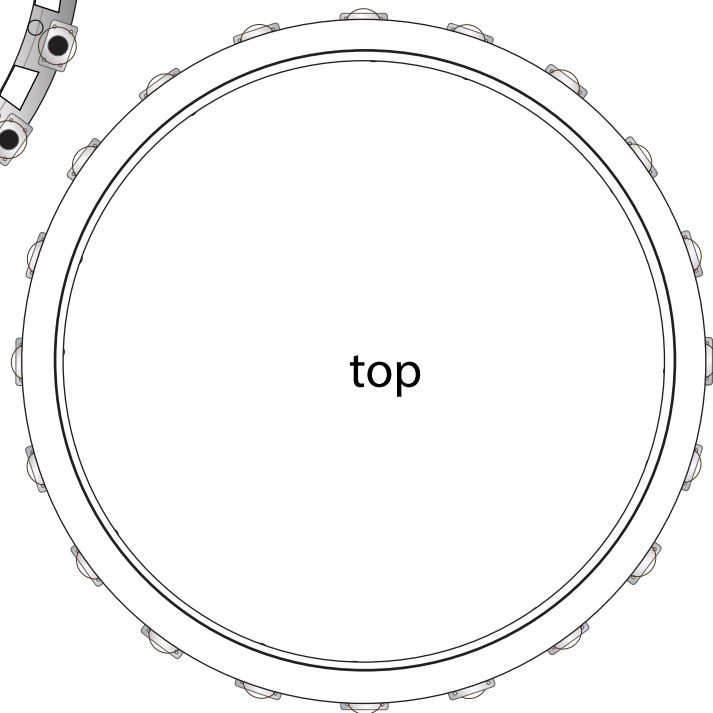


Outer Raptor ring



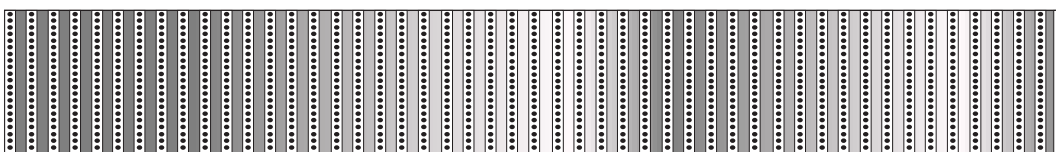
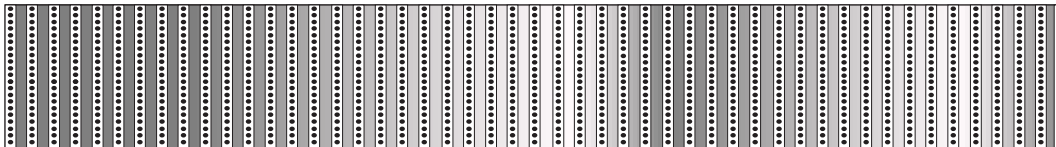
bottom

markings
for skirt tabs



top

Engine section interior skin





1 cm

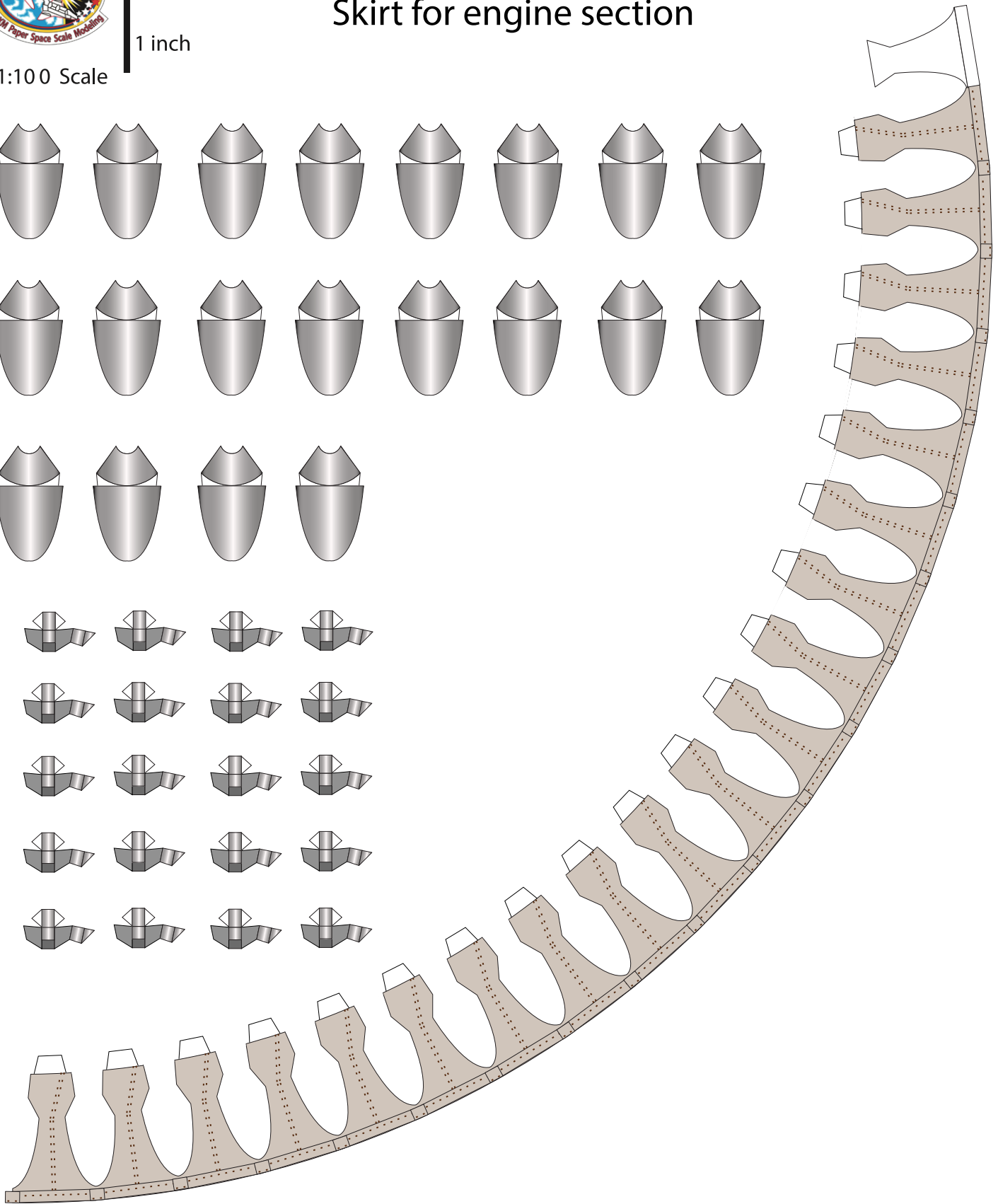
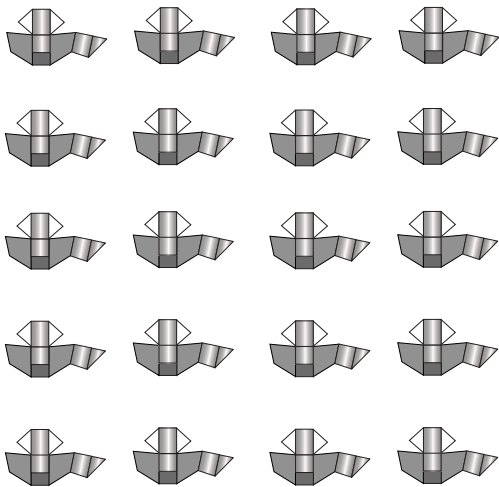
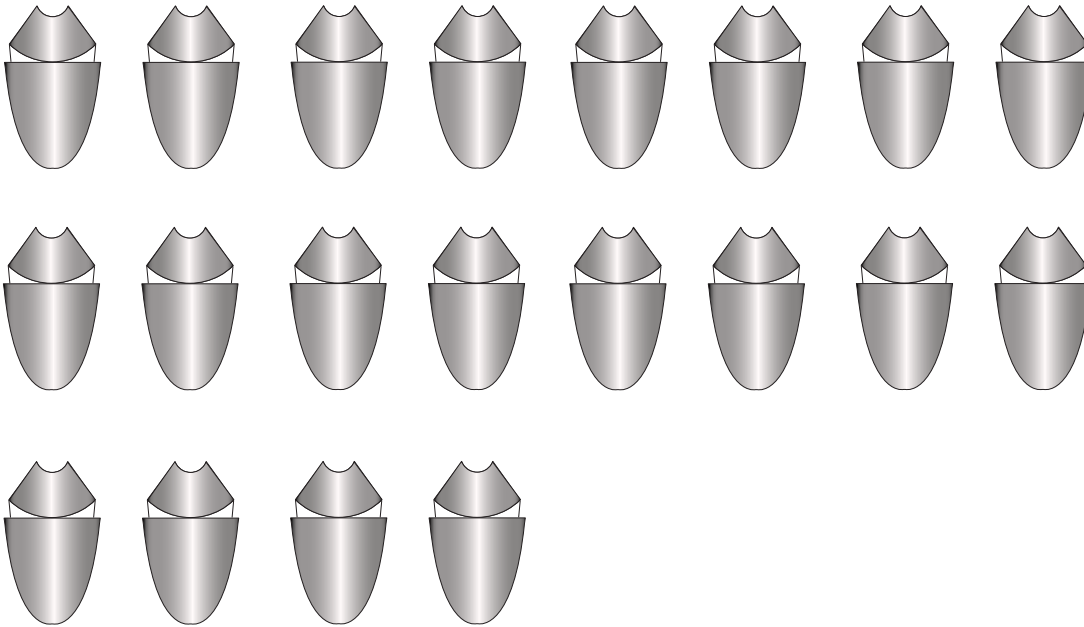
1 inch

1:100 Scale

SpaceX Heavy Booster 4

Print on Cardstock (90 lbs)

Skirt for engine section





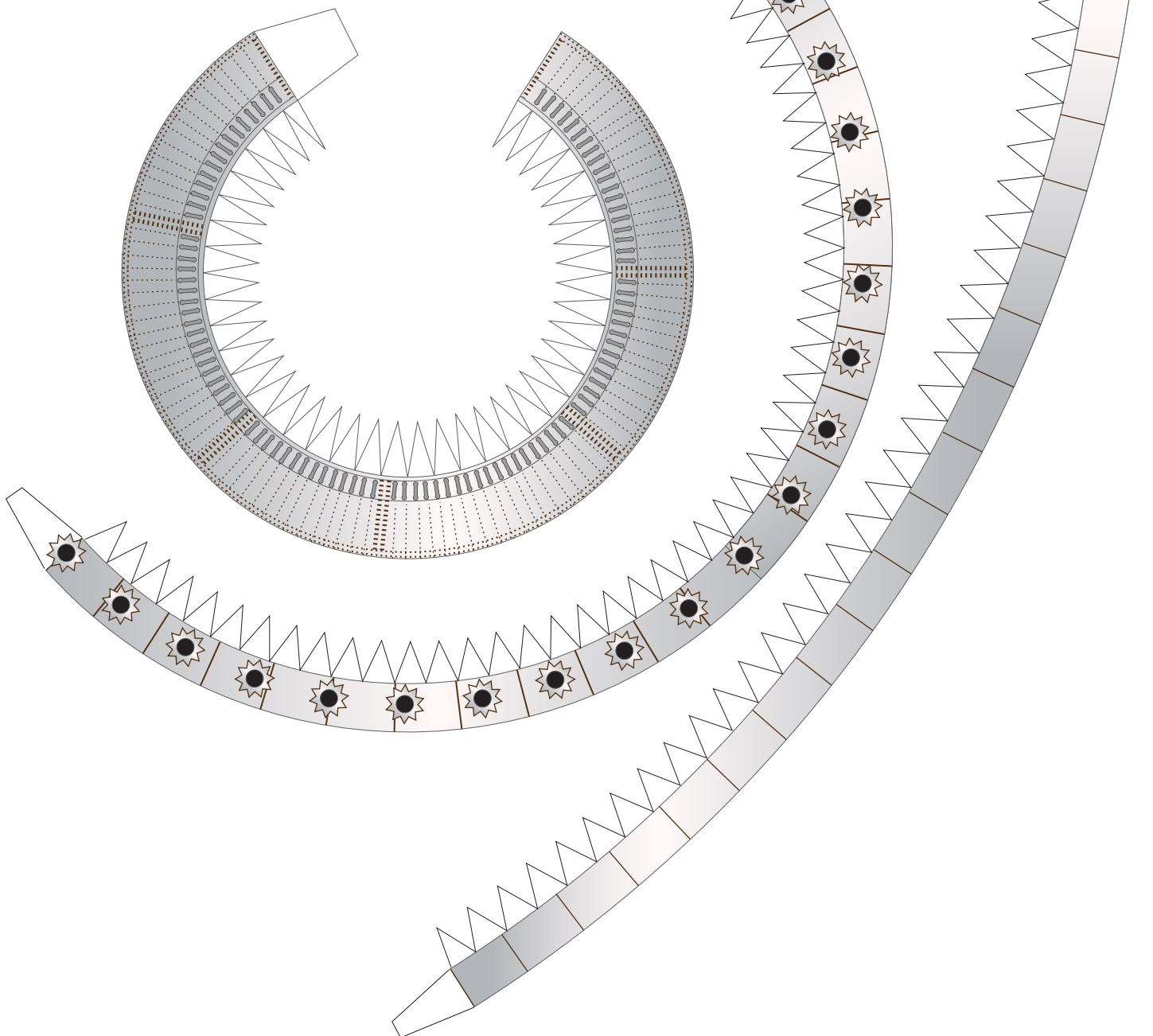
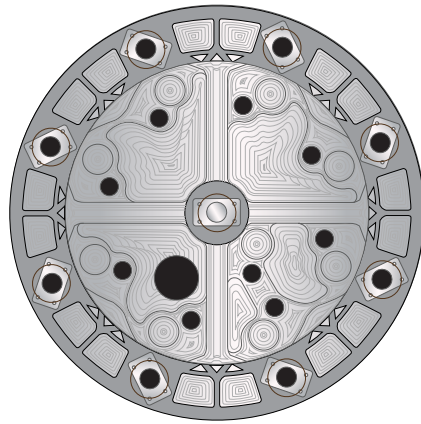
1 cm

1 inch

1:100 Scale

SuperHeavy Bulkhead

Print on Cardstock (110 lbs)





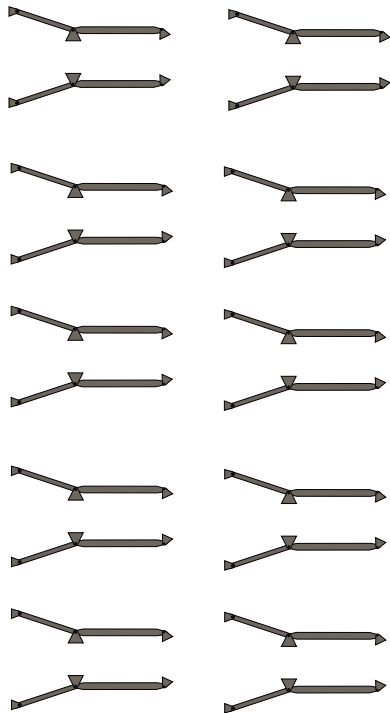
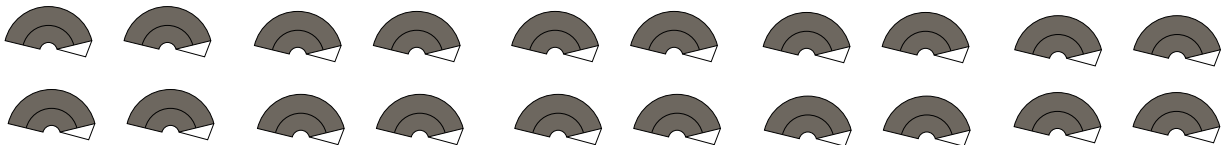
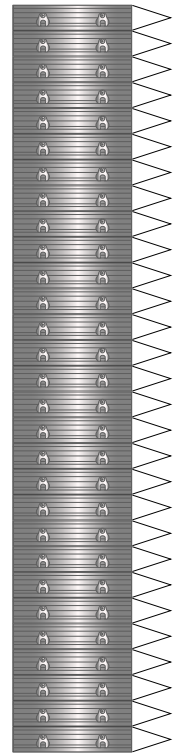
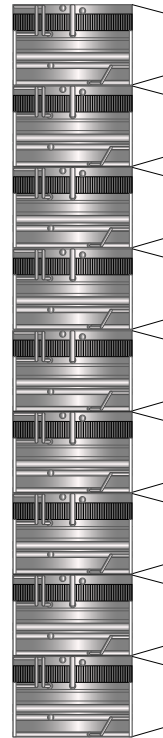
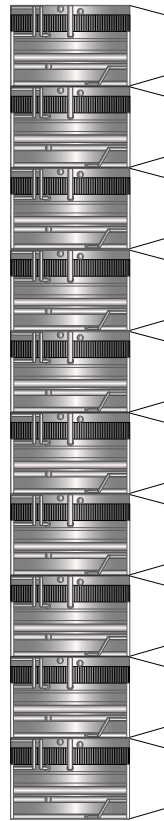
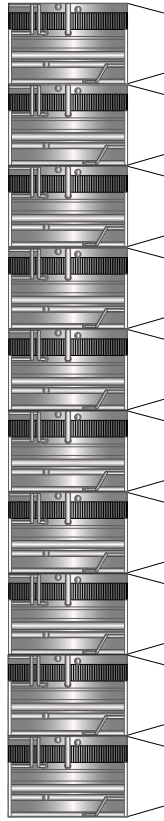
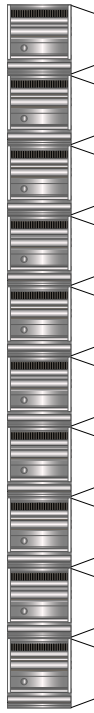
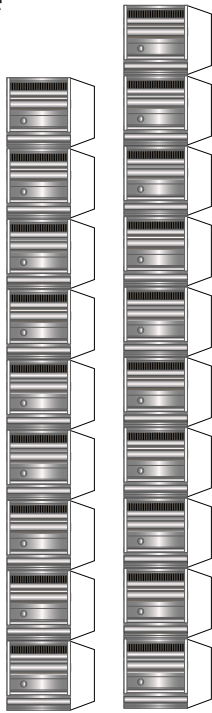
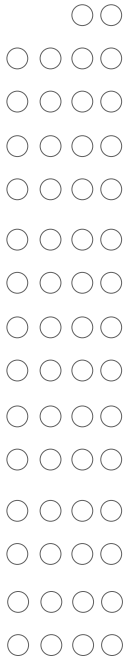
1 cm

1 inch

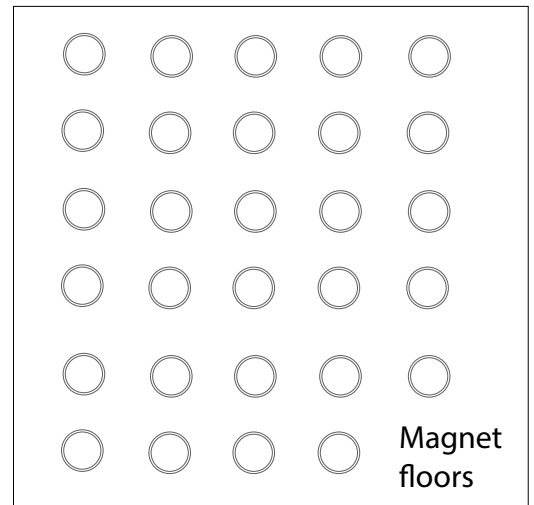
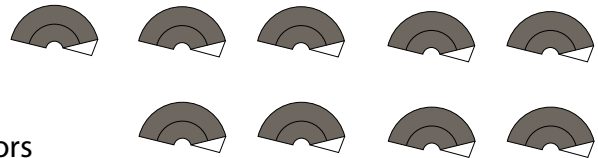
1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)



Gimbal struts for 9 Raptors





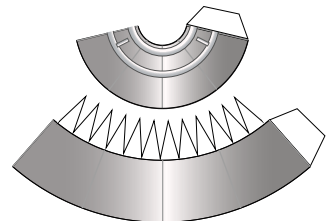
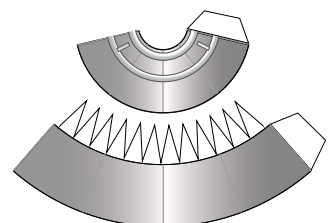
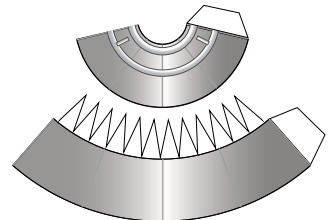
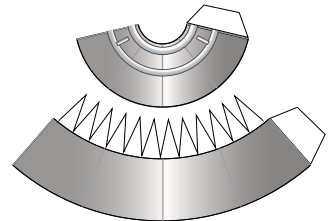
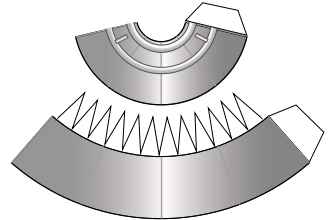
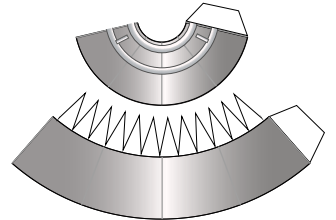
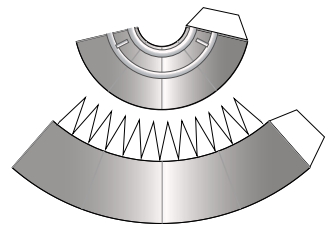
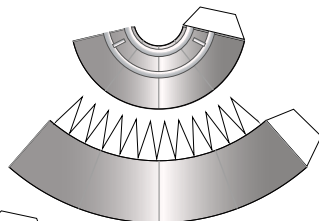
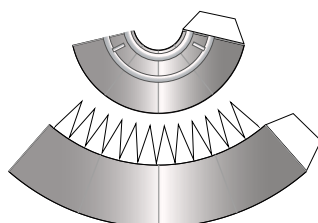
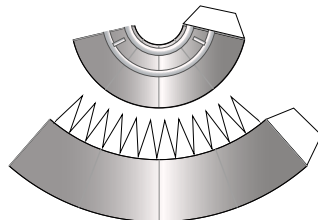
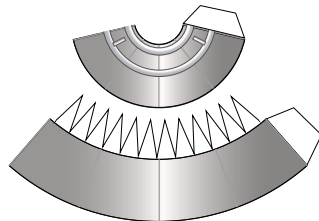
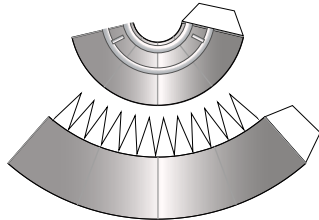
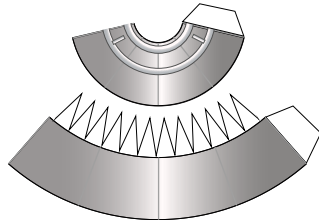
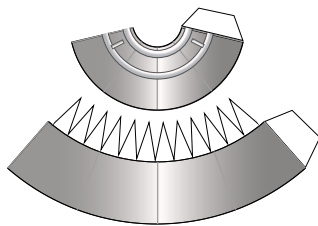
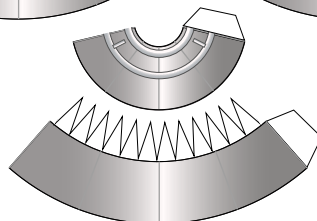
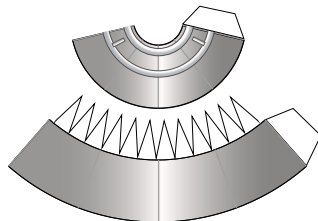
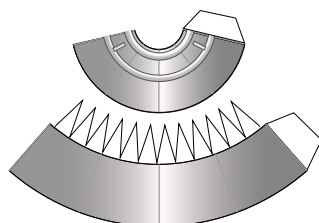
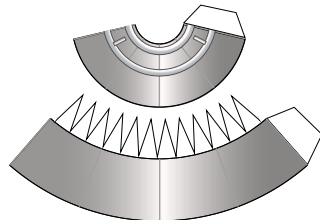
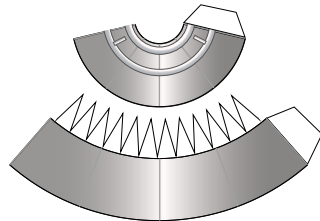
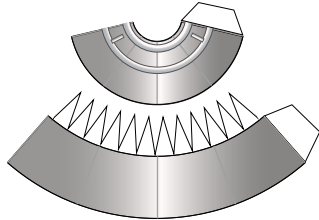
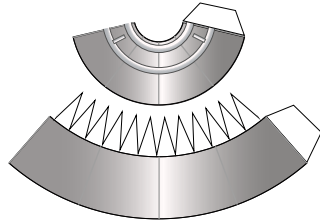
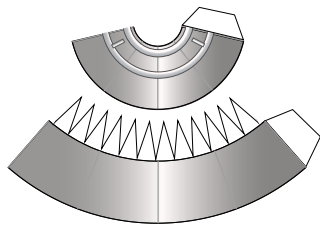
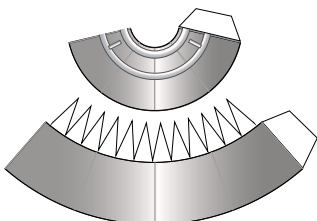
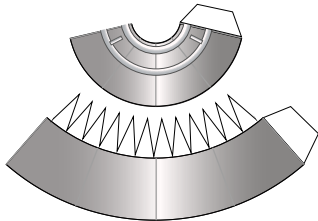
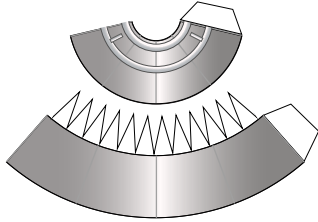
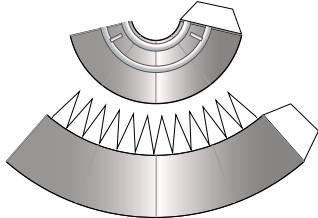
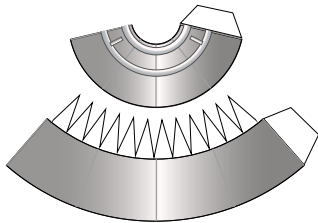
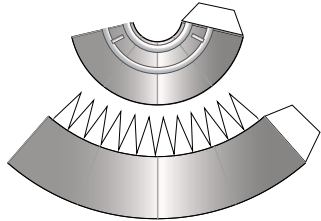
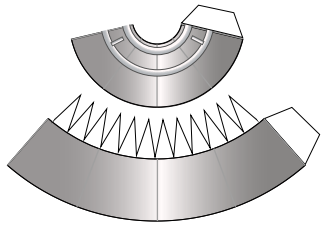
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

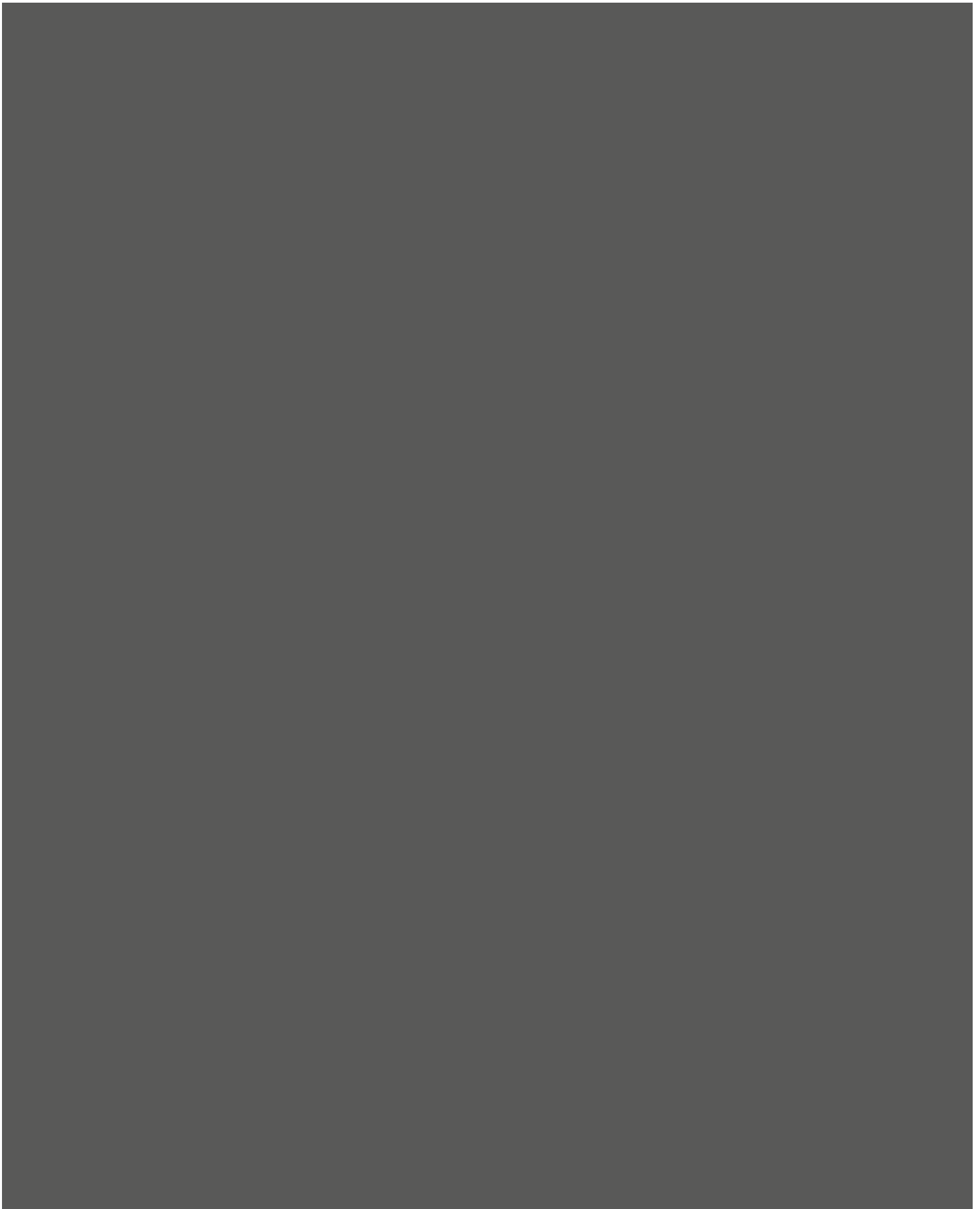
Print on Cardstock (110 lbs)





SuperHeavy Raptors BACKPRINT

Print on Cardstock (110 lbs)





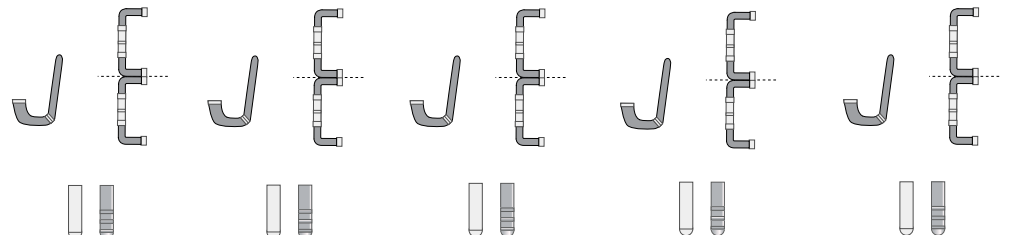
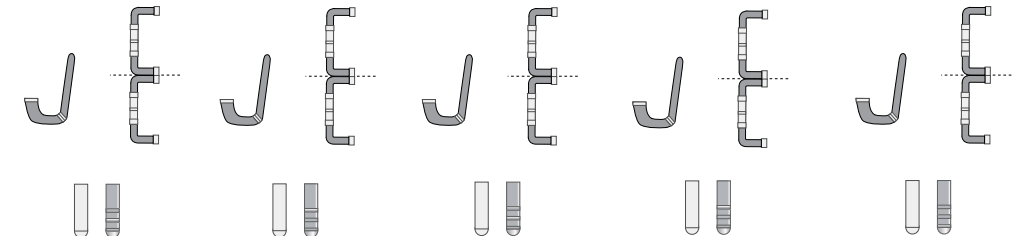
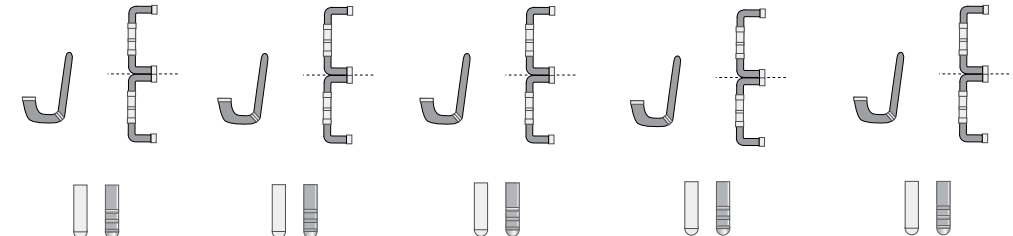
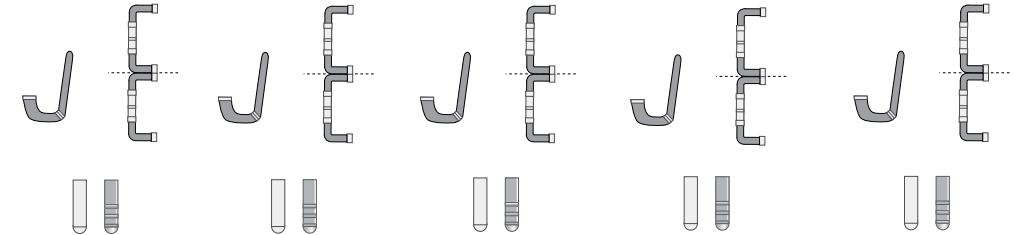
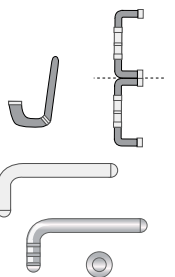
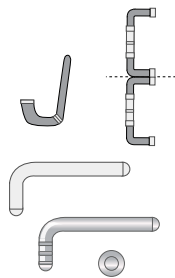
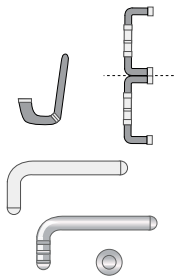
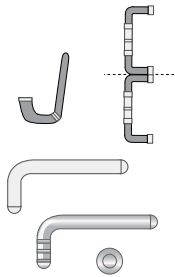
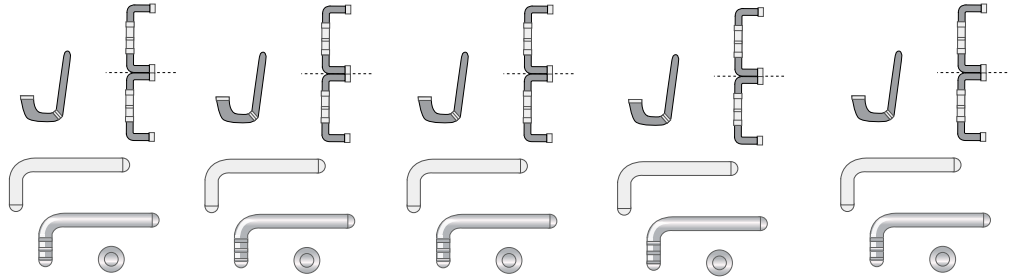
1 cm

1 inch

1:100 Scale

SuperHeavy Raptors

Print on Cardstock (110 lbs)





1:100 Scale

1 cm

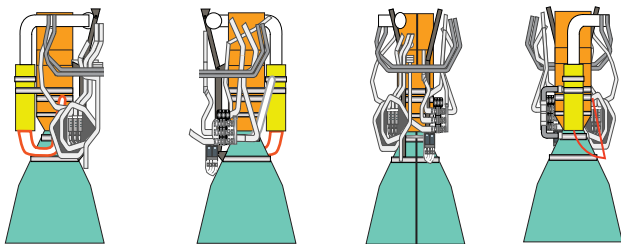
1 inch

SuperHeavy Raptors

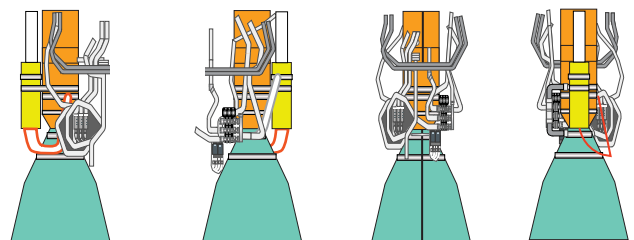
Print on Cardstock (110 lbs)



With gimbal system on Inner engine circle



No gimbal system on Outer engine circle





1:100 Scale

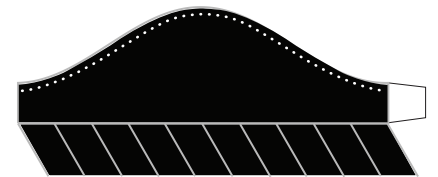
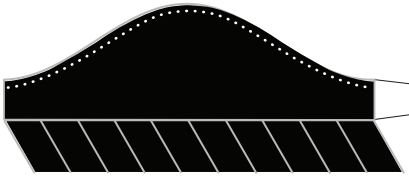
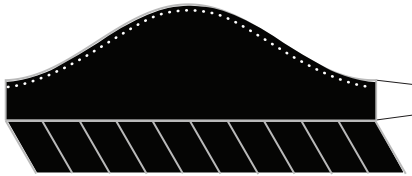
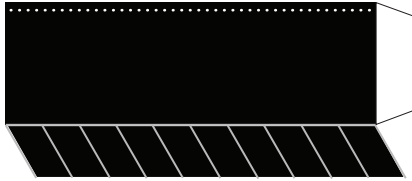
1 cm

1 inch

SpaceX Starship SN20/B4

Print on cardstock

SN20 thermal covers for sea level Raptors and Vaccum Raptors



Thermal covers for B4 inner circle Raptors

