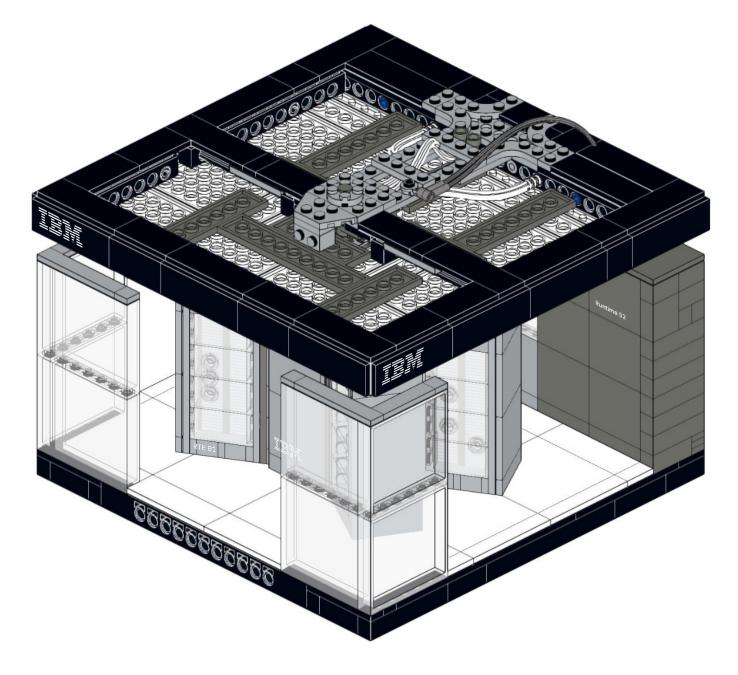
IBM Quantum System Two LEGO model assembly instructions

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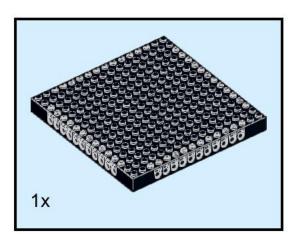
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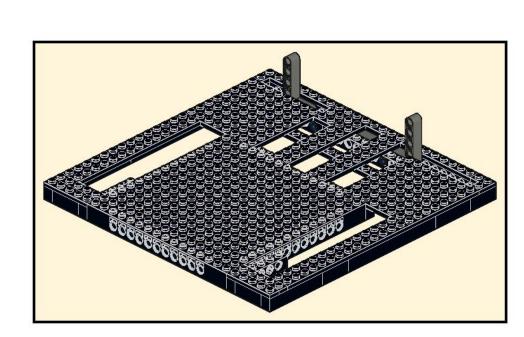


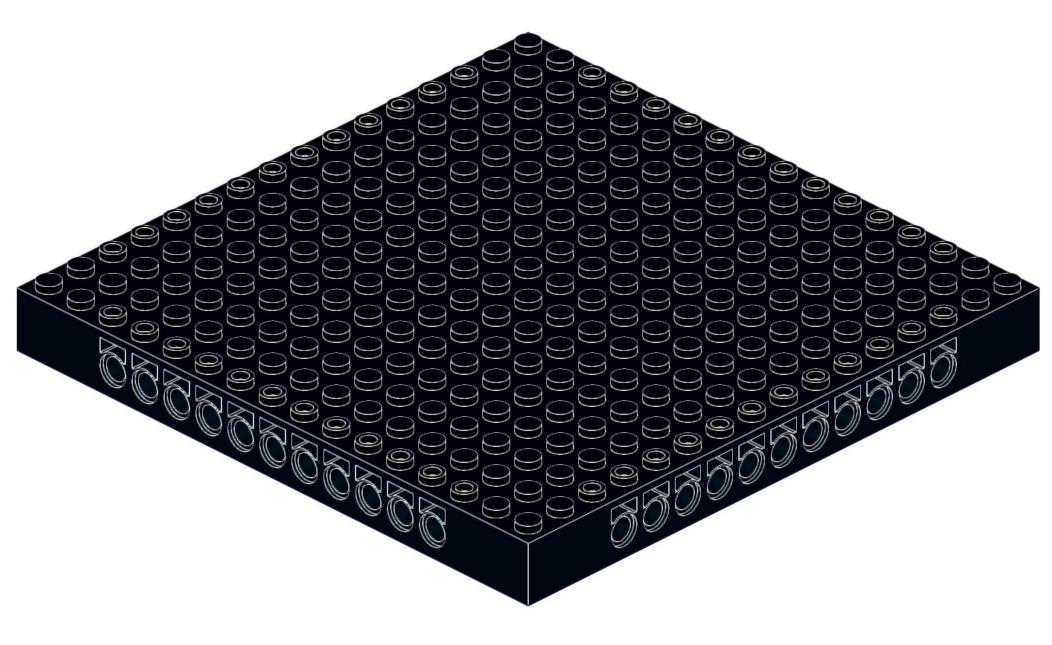
AWARNING

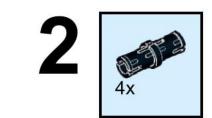
Choking hazard.
Small parts.

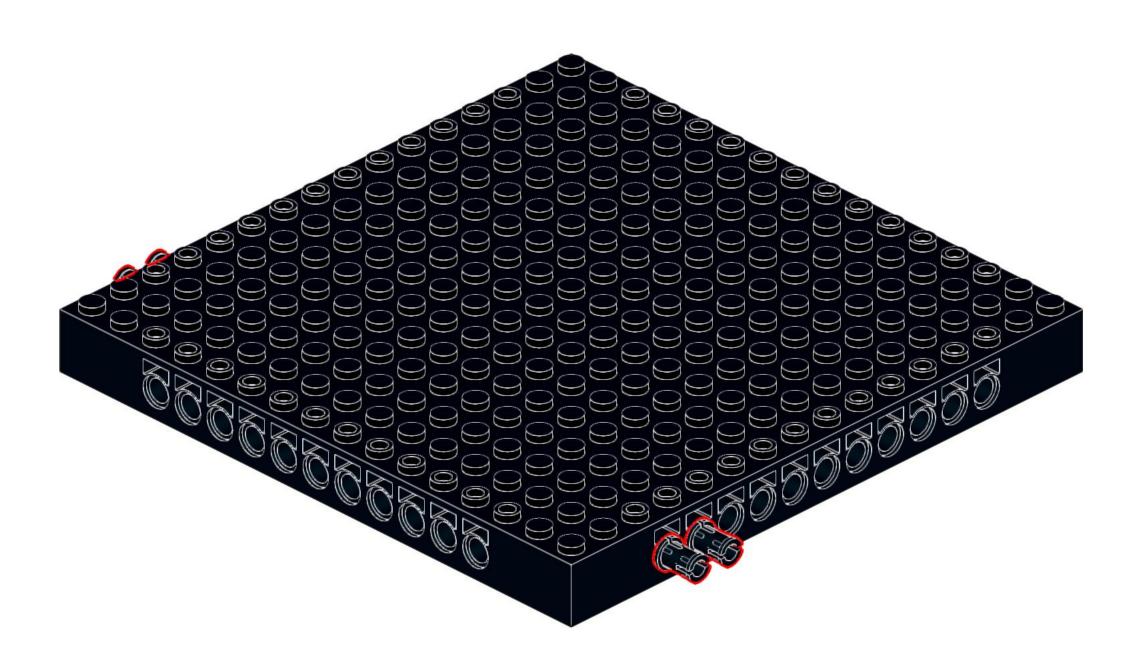
Not for children under 3 years

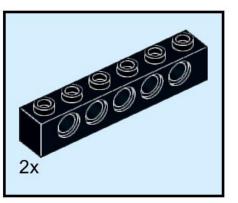


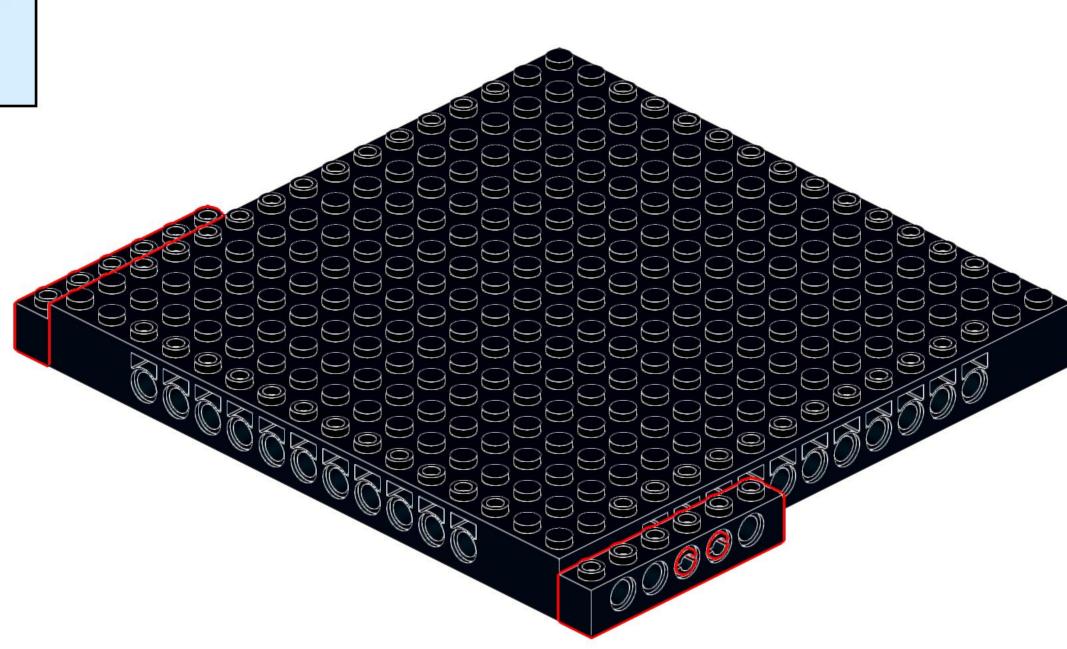


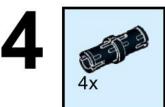


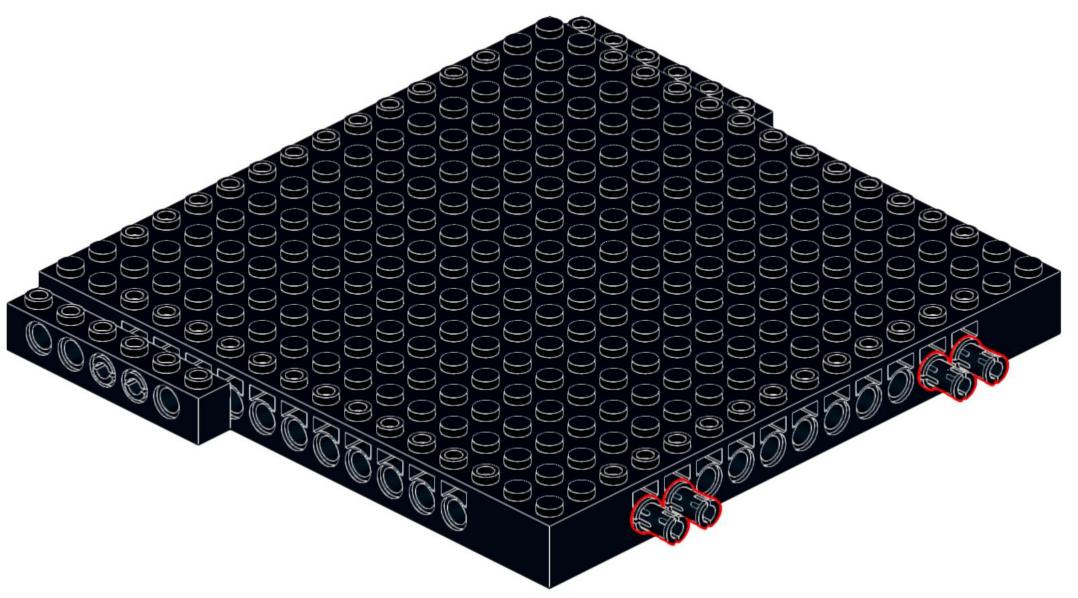




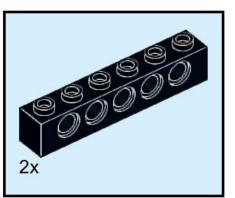


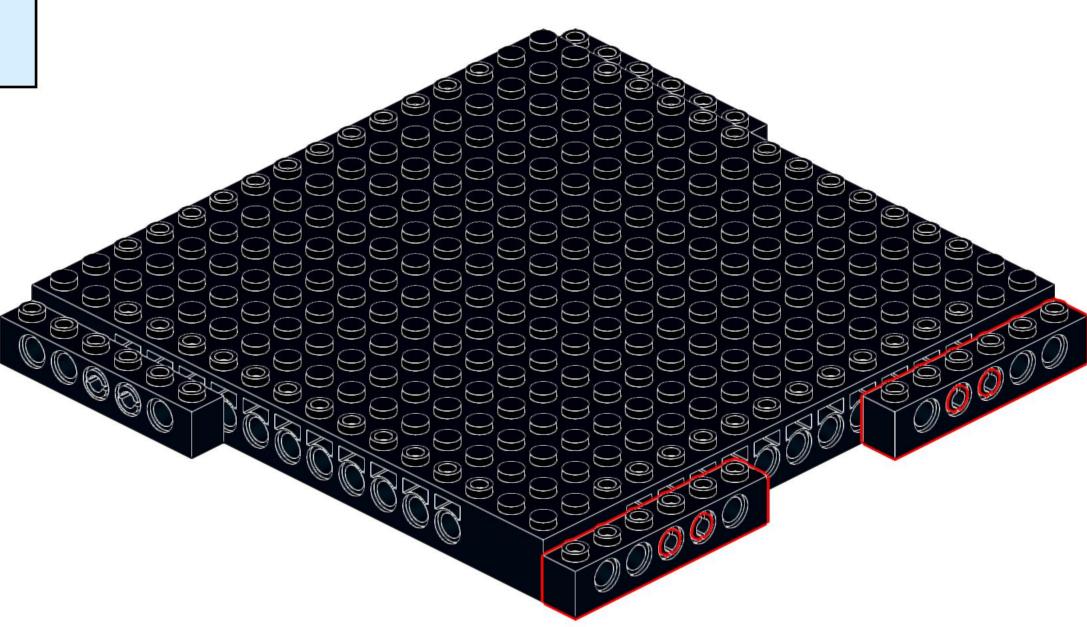


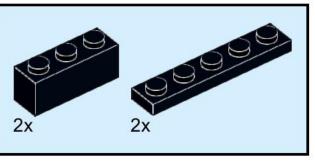


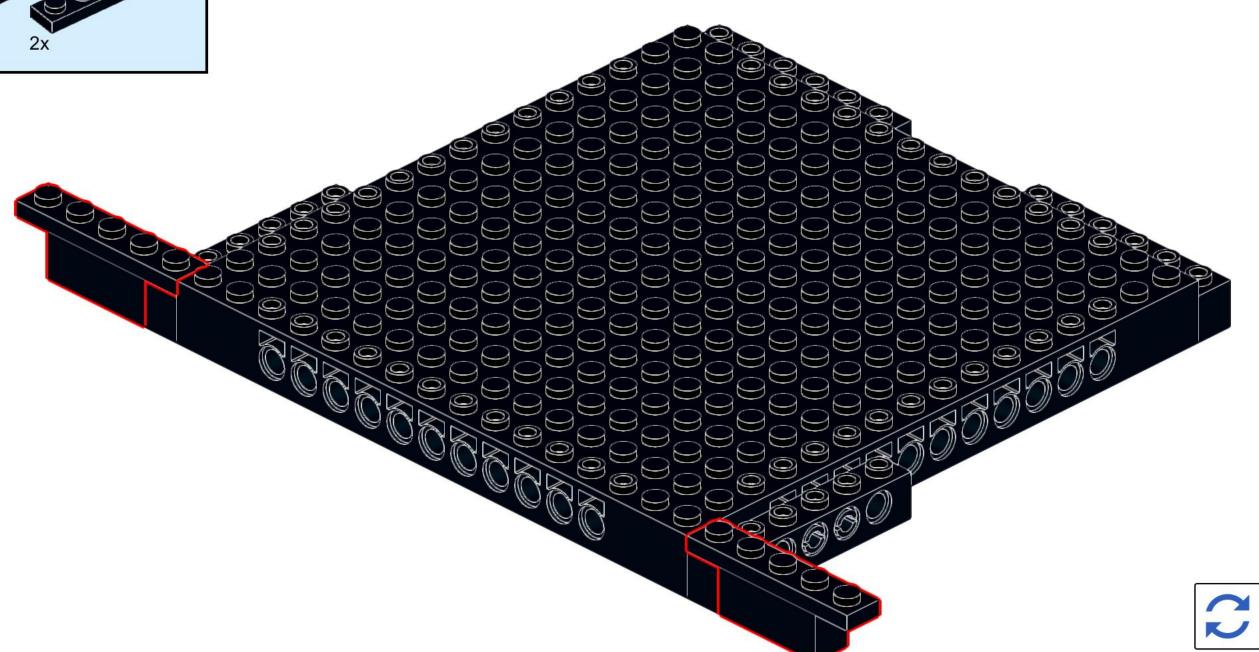


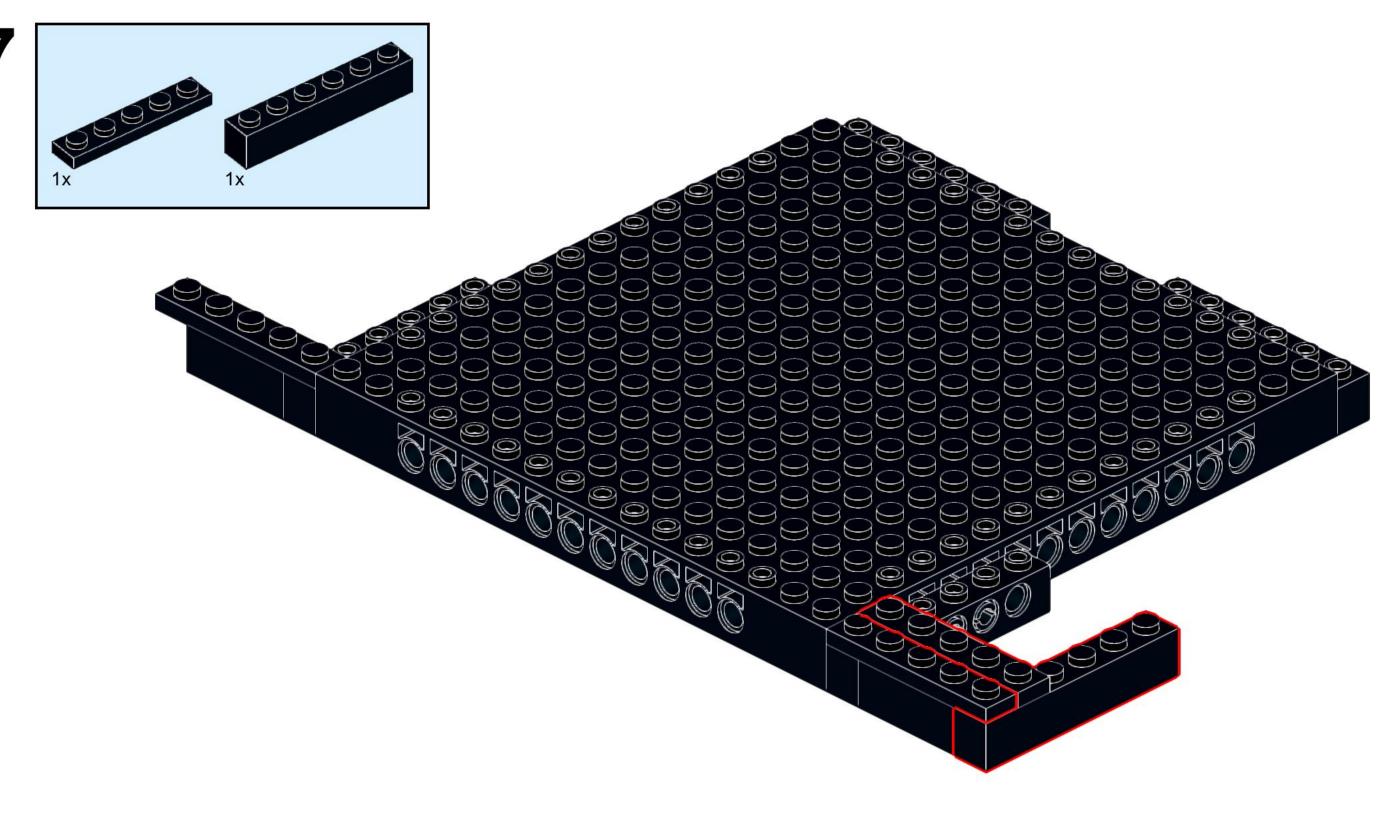


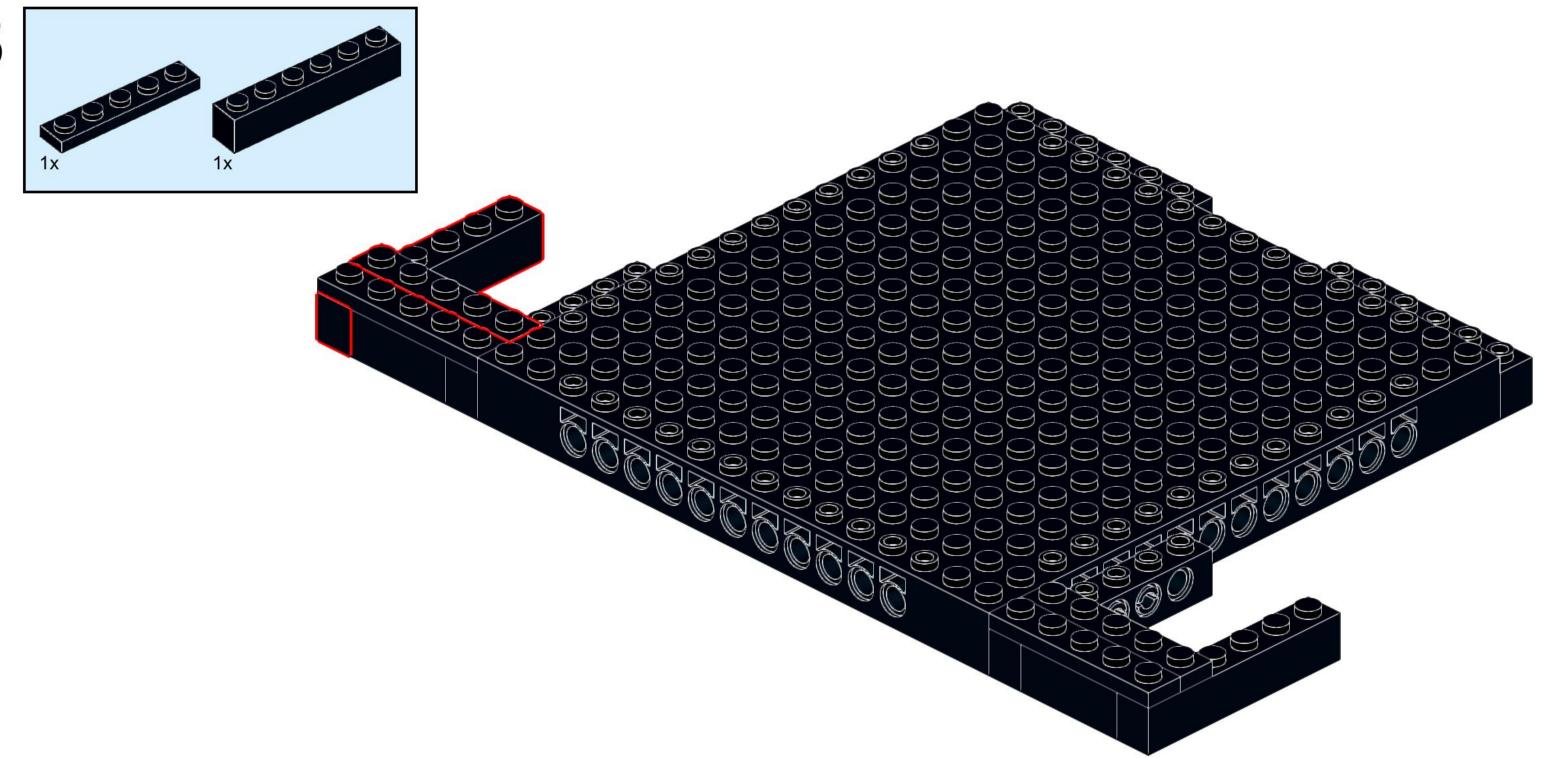


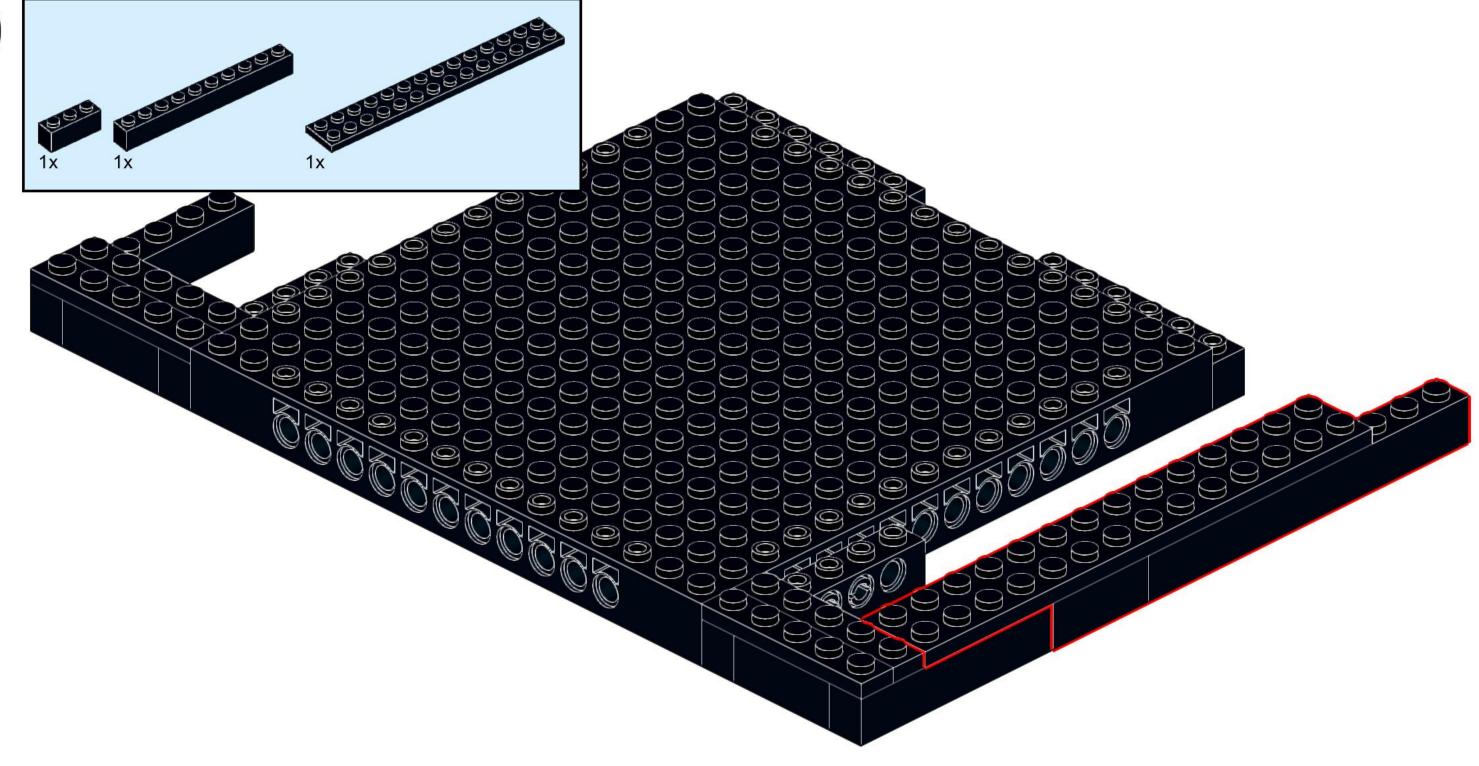


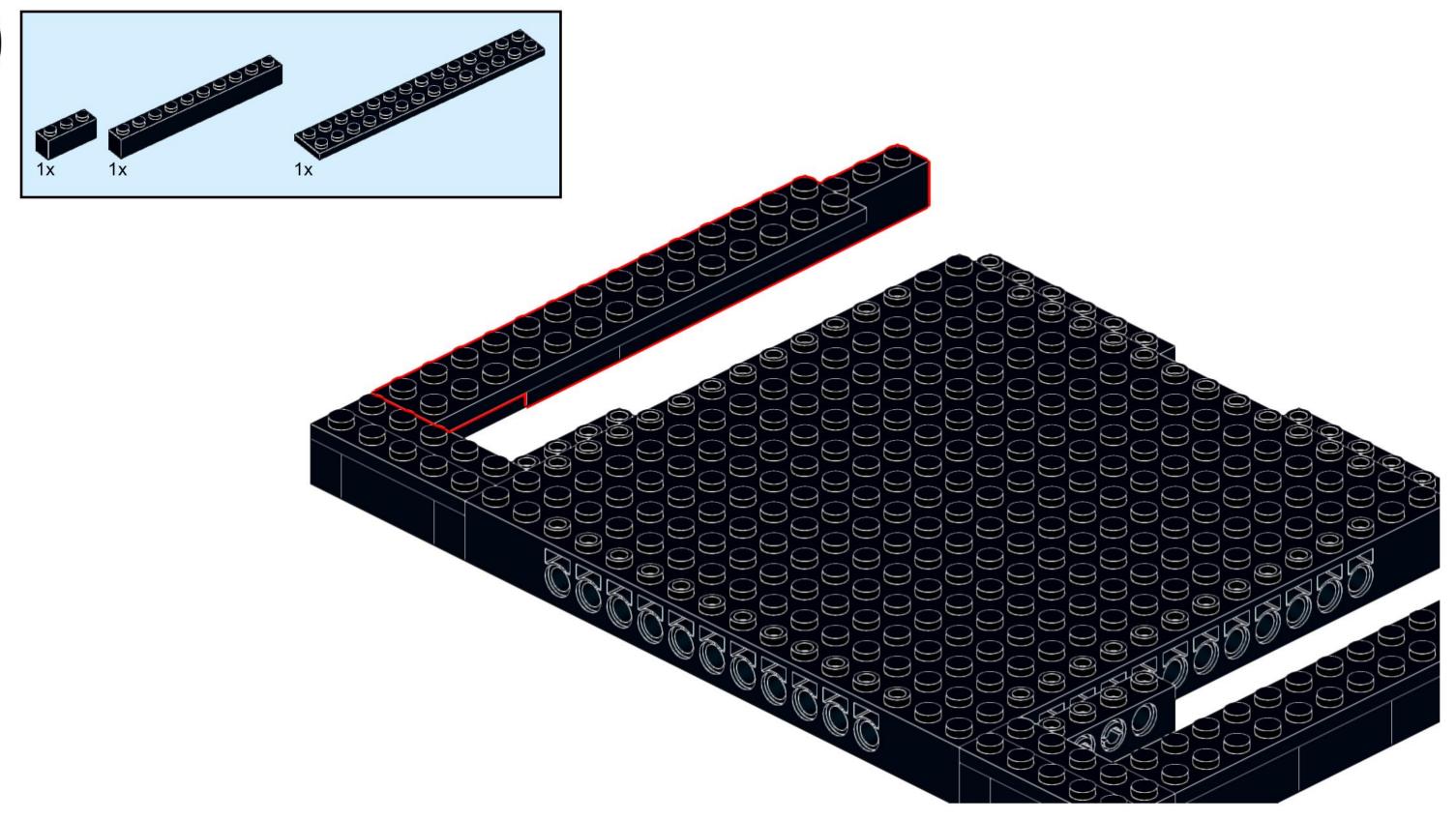


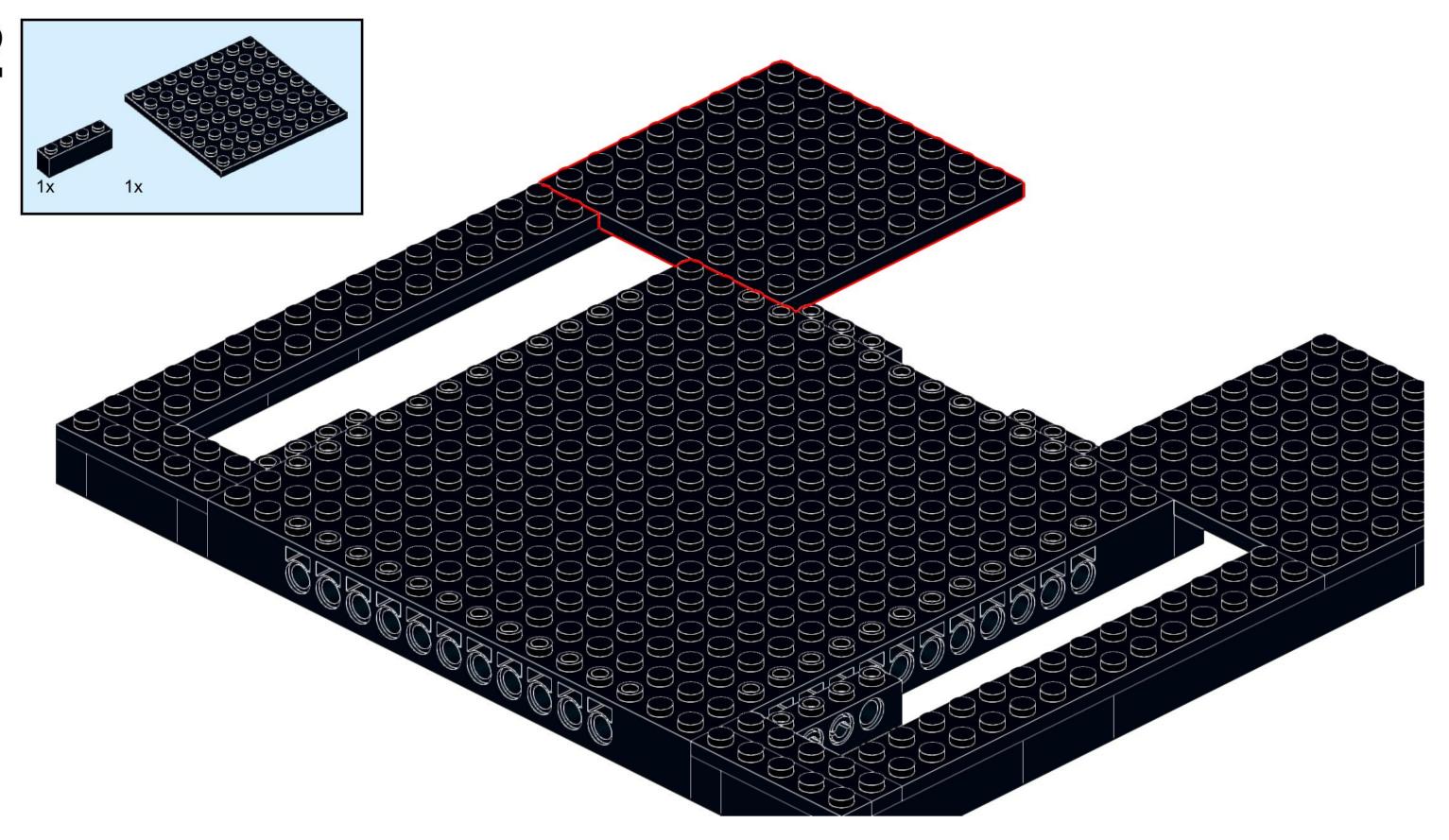


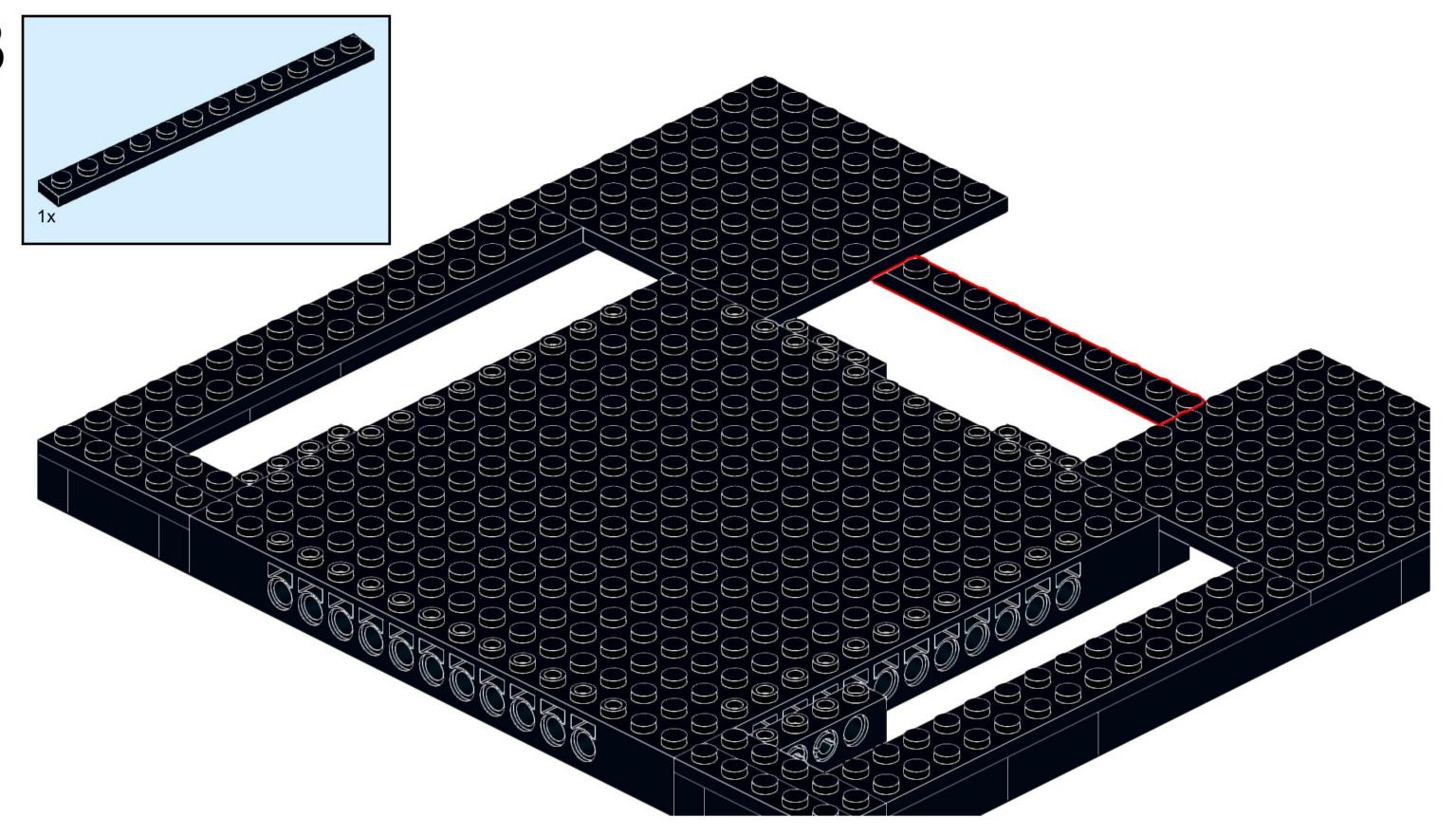




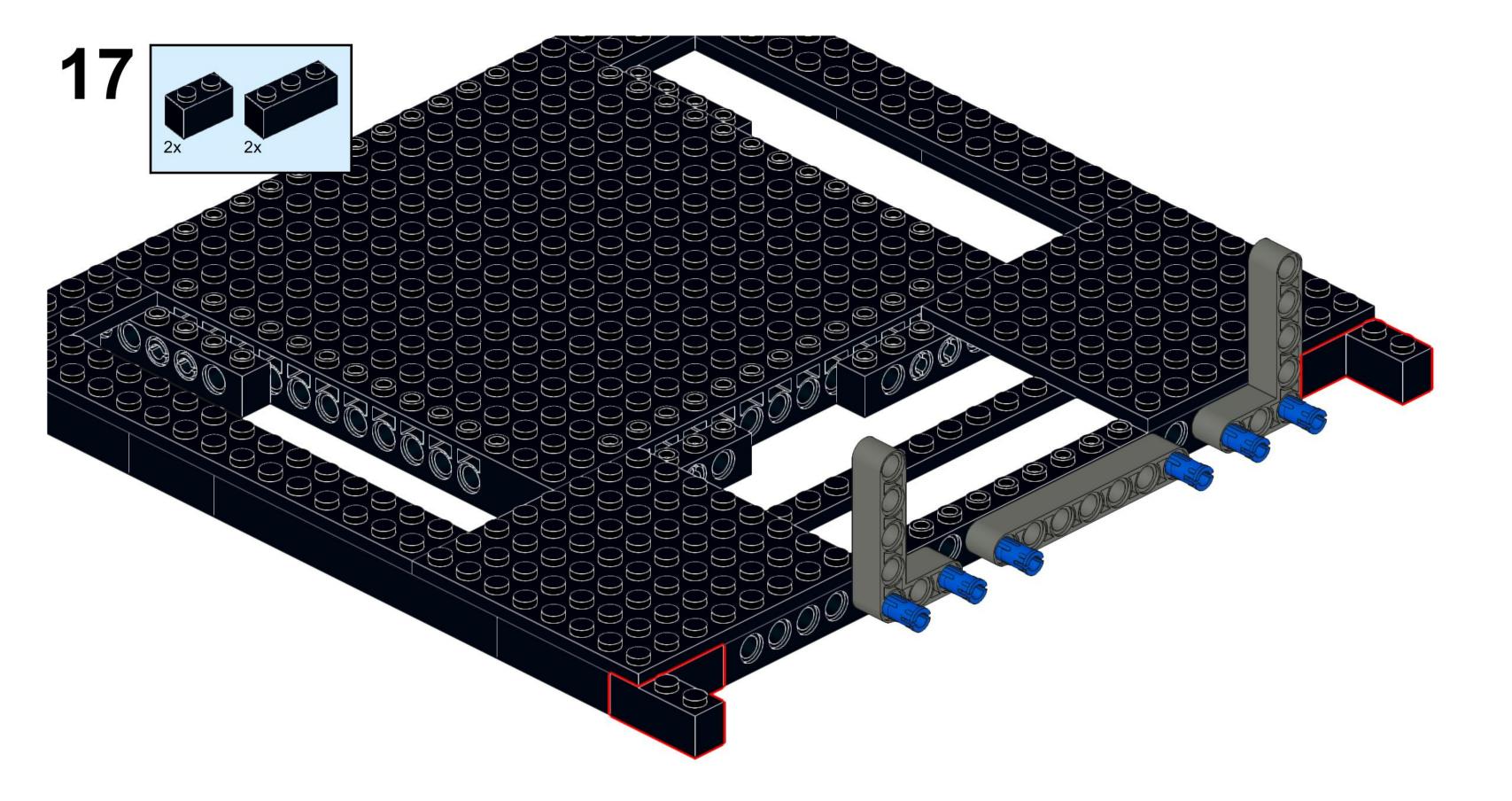


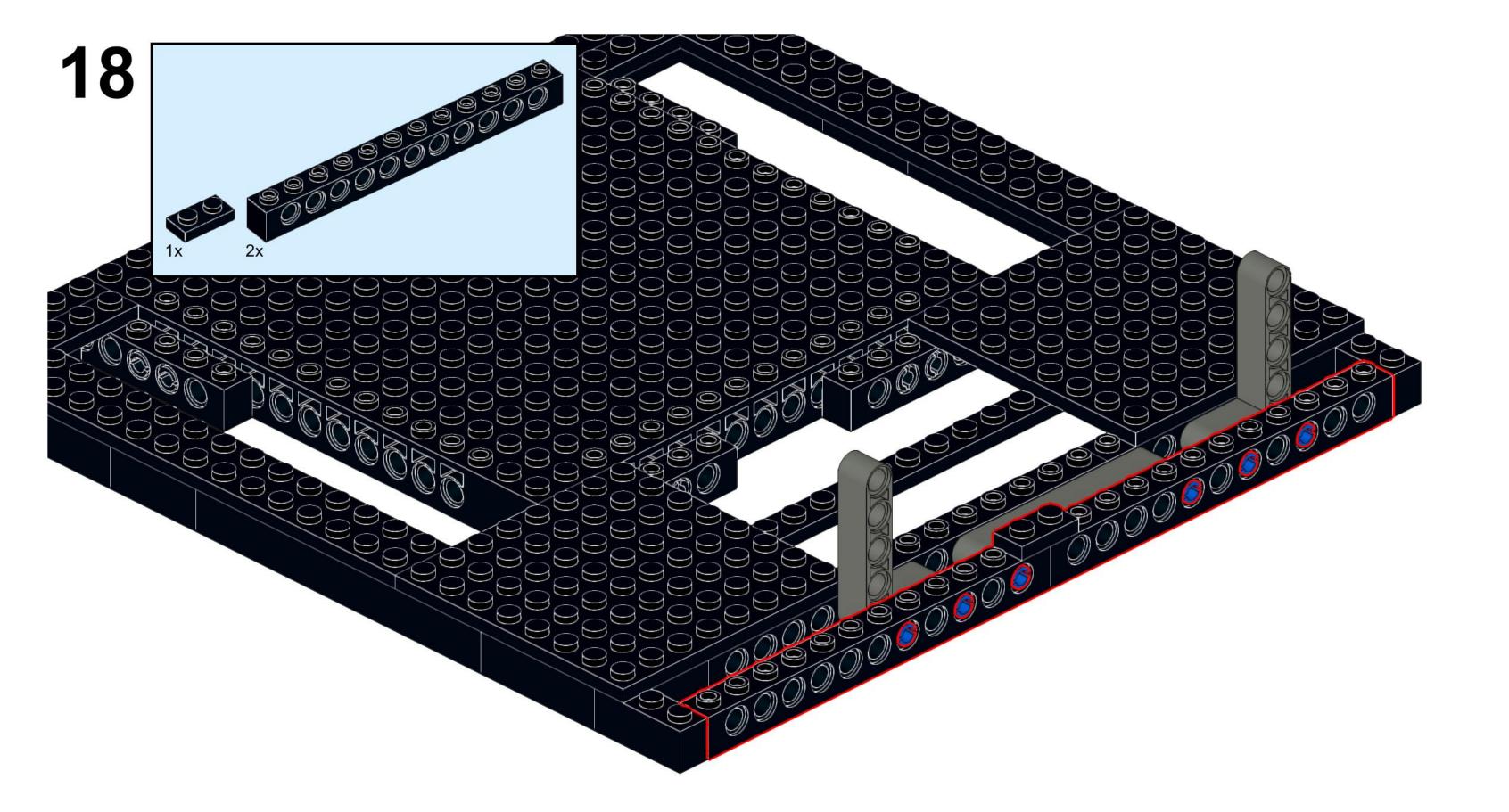


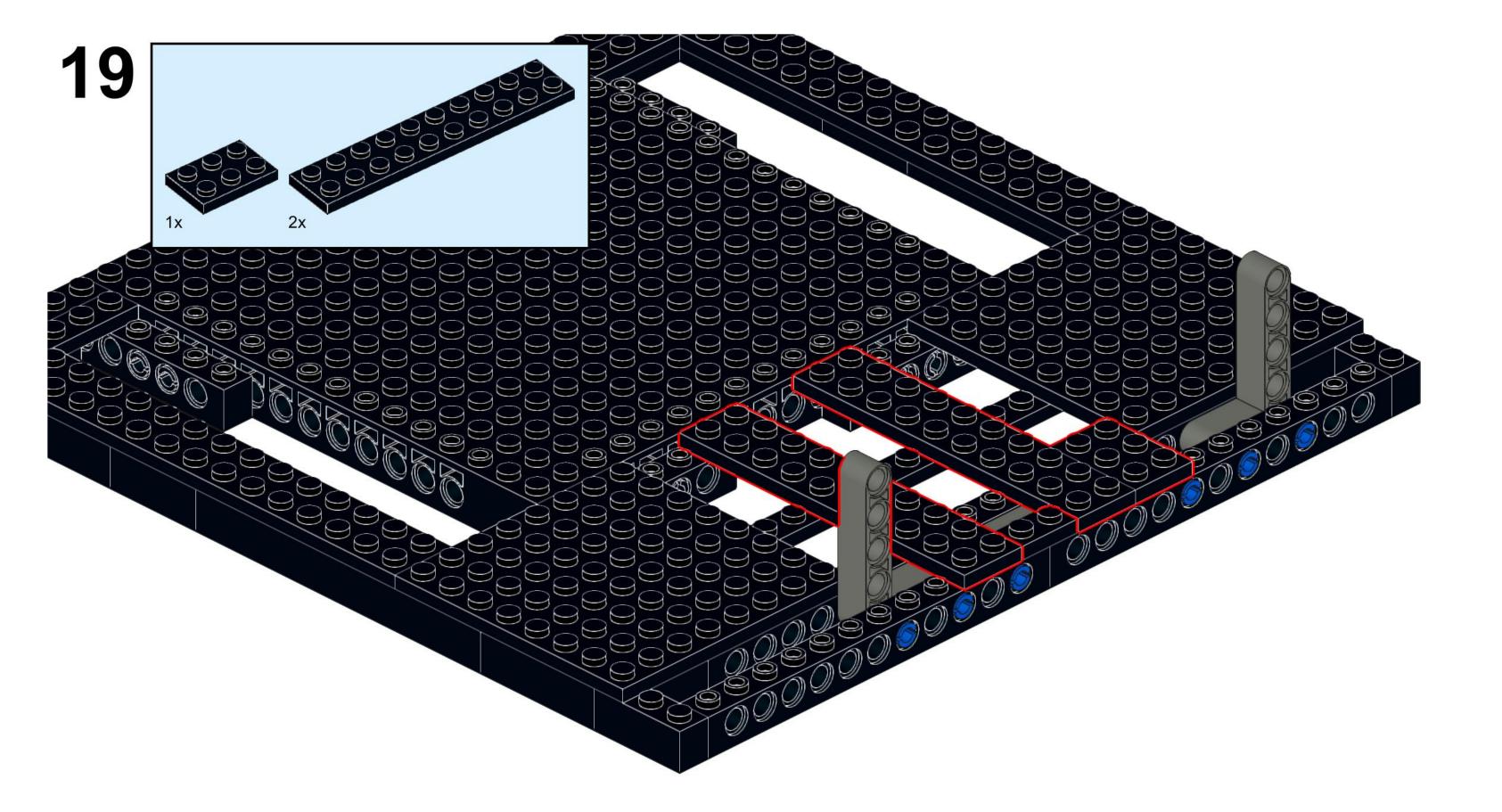


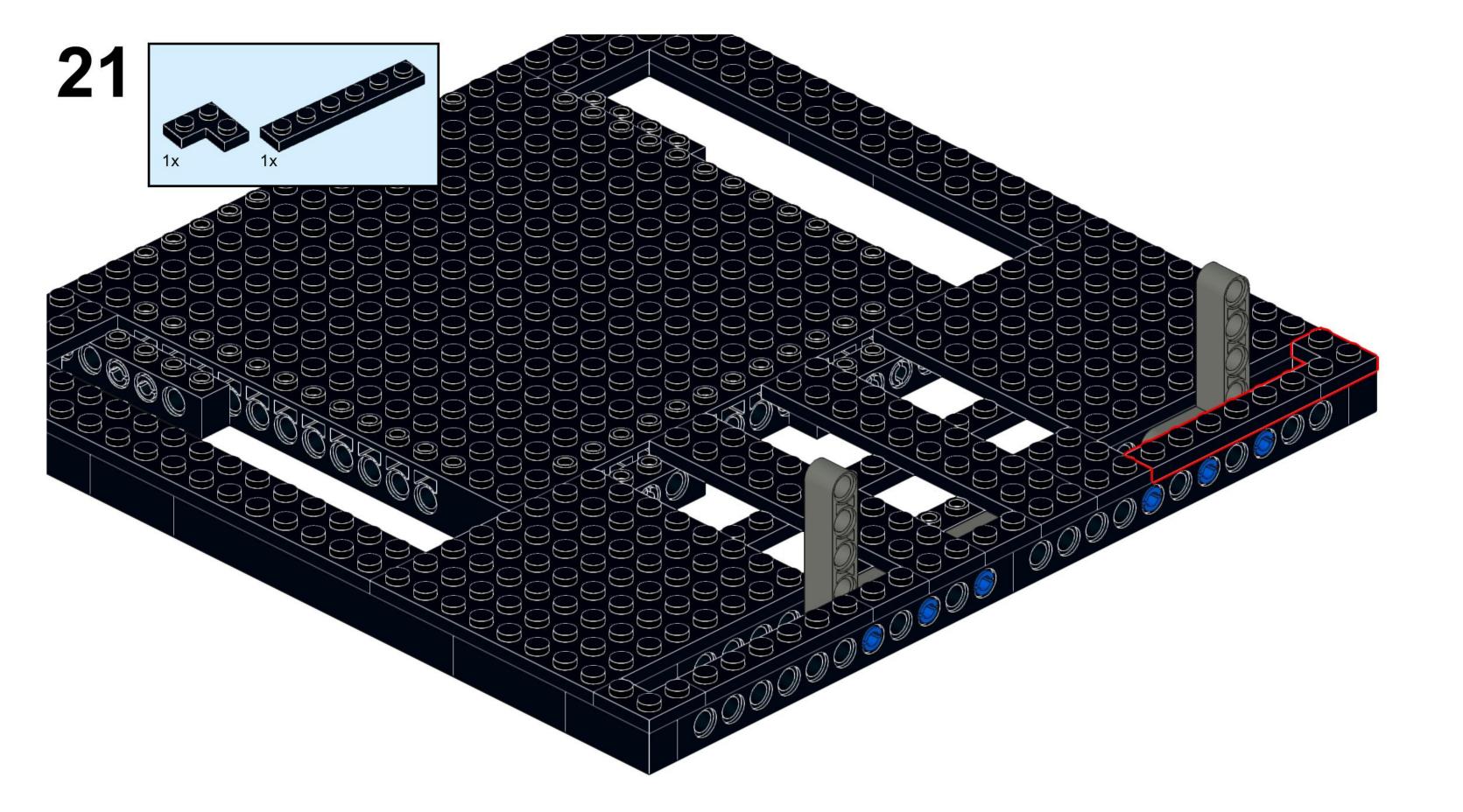


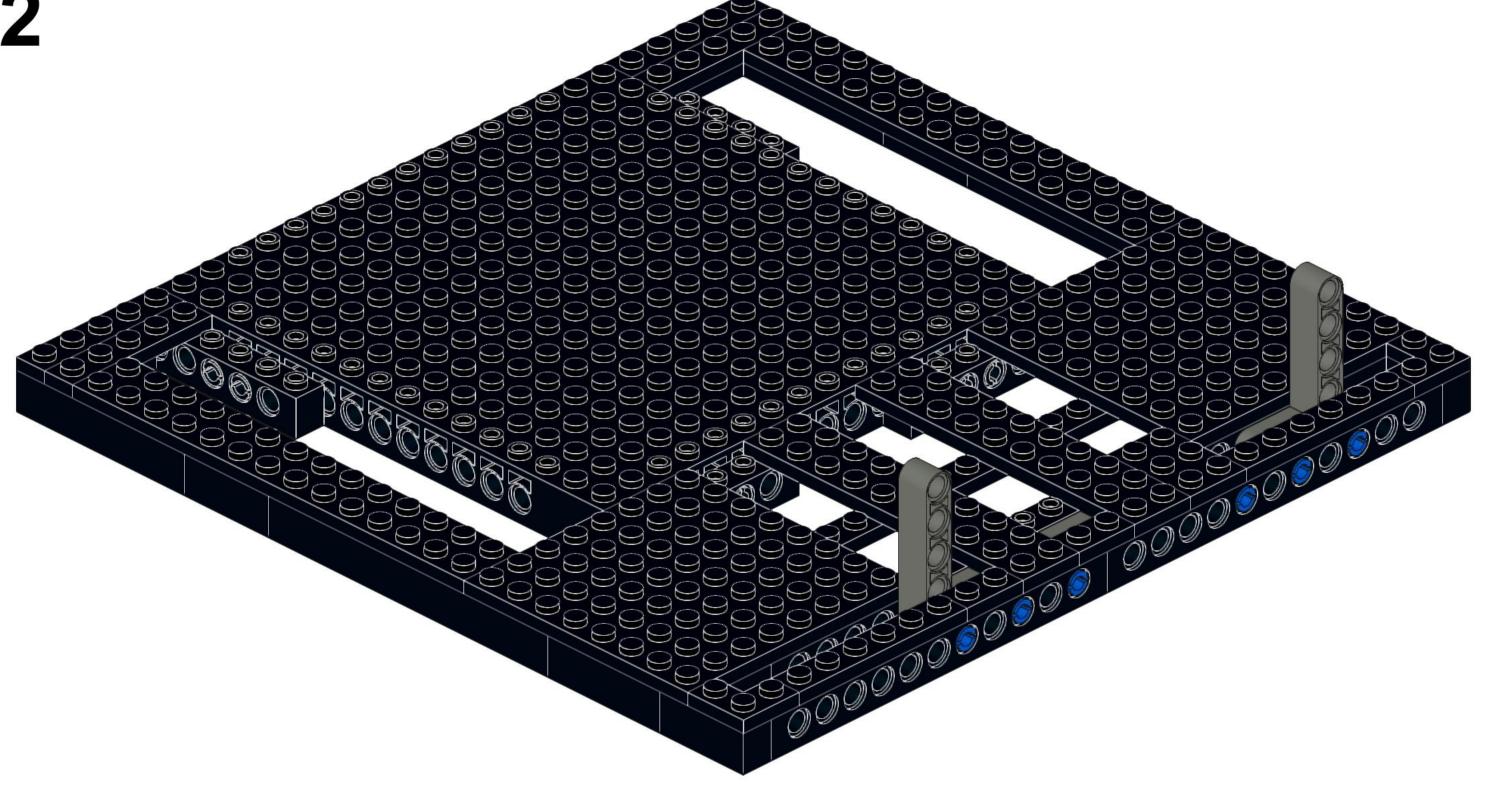
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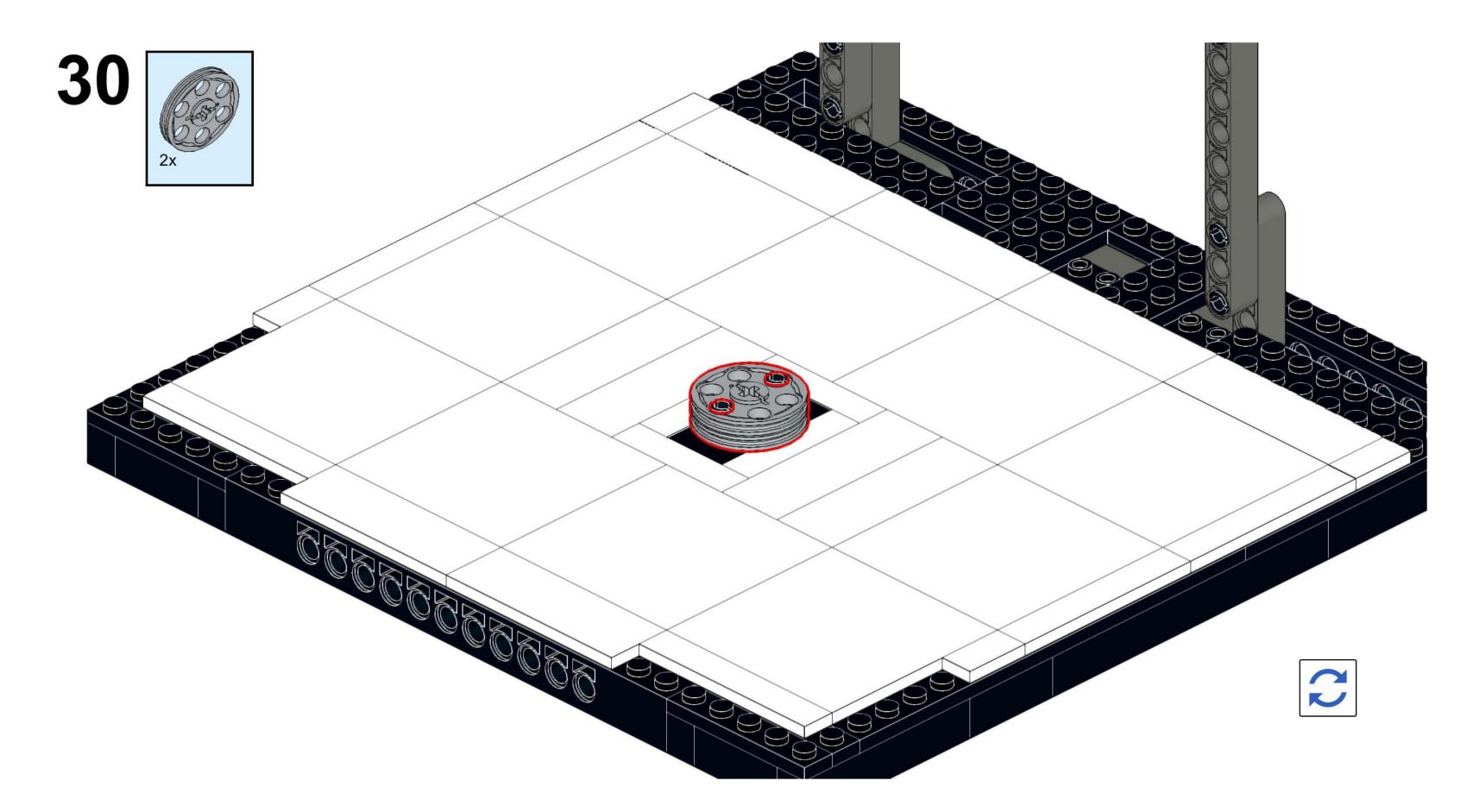


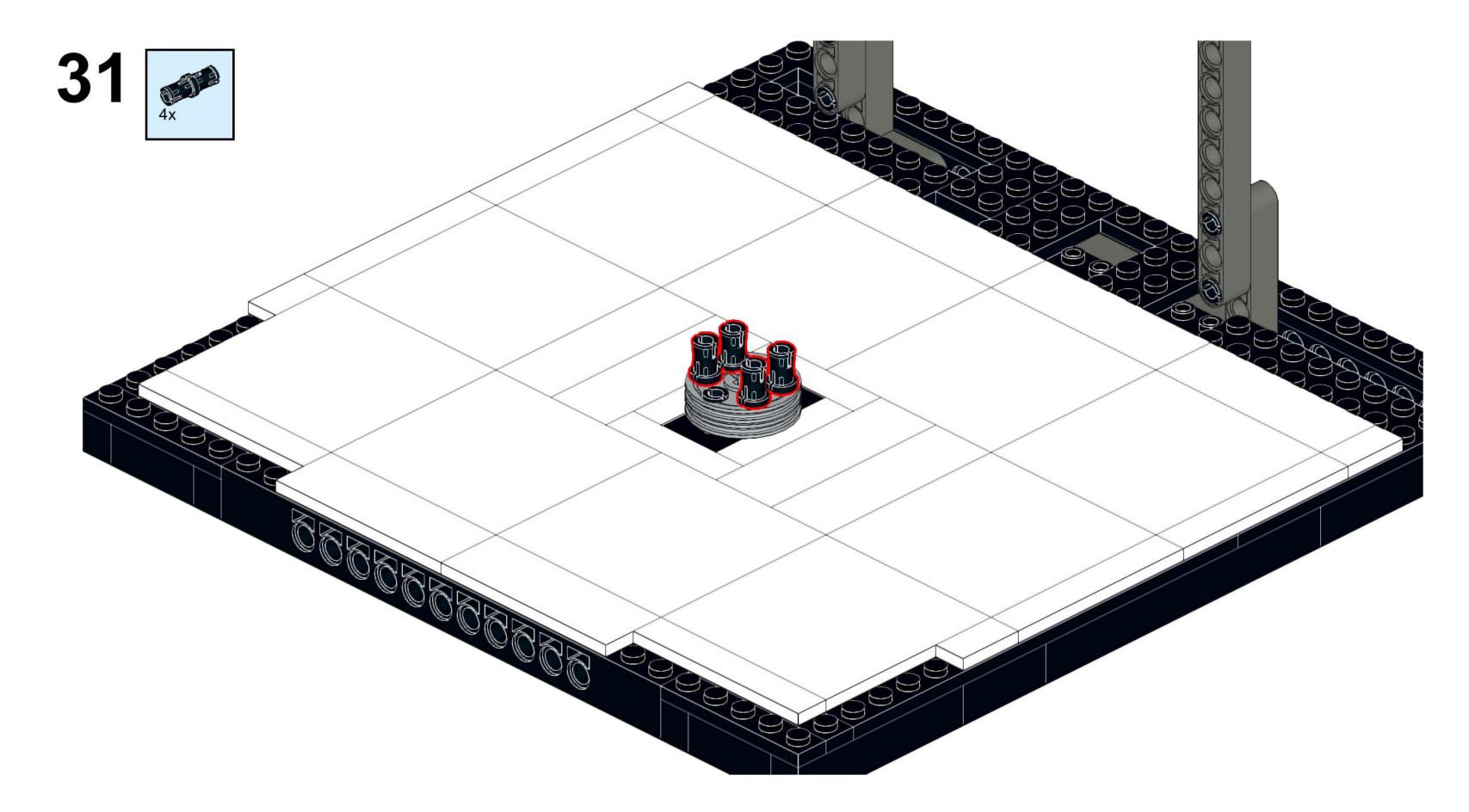


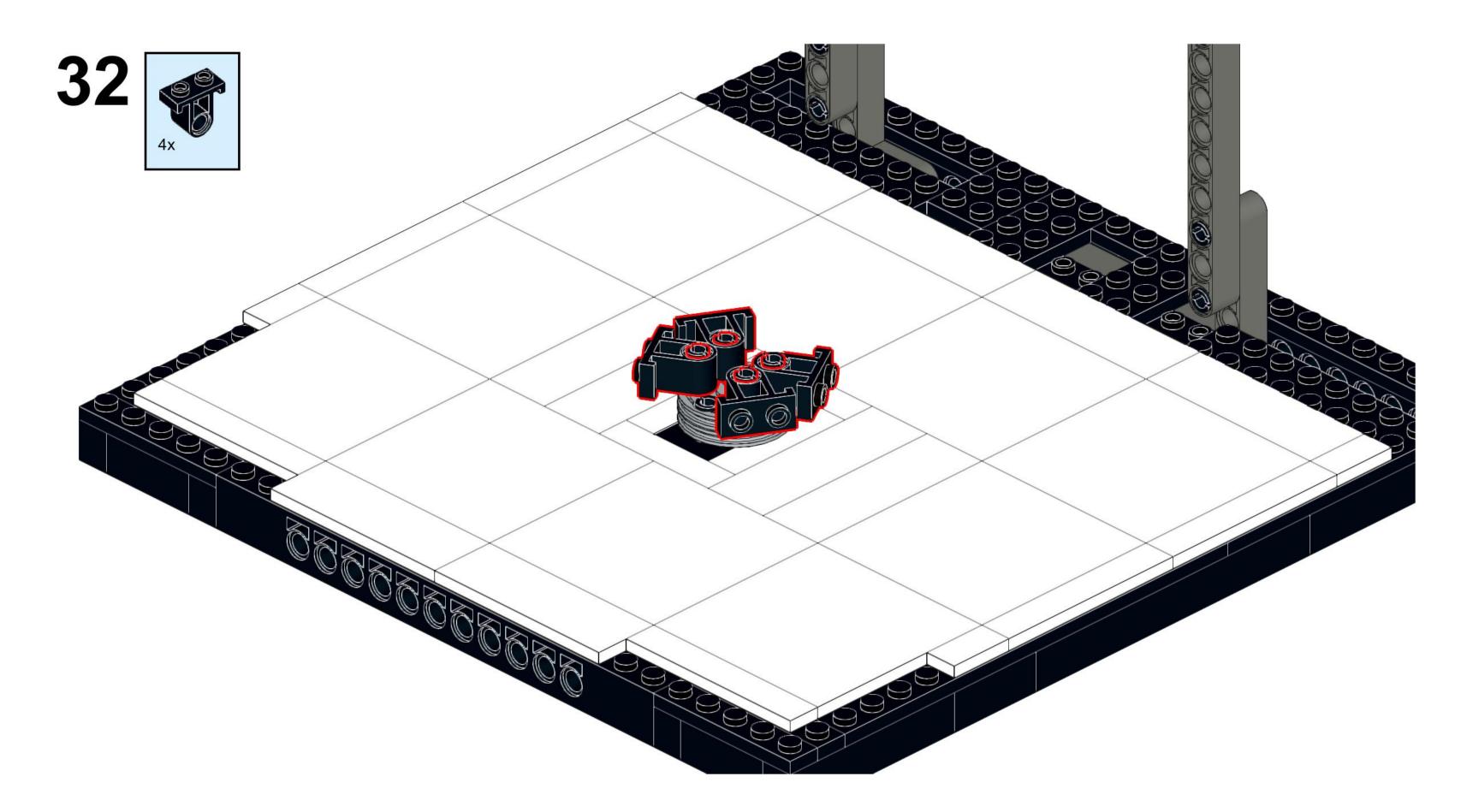


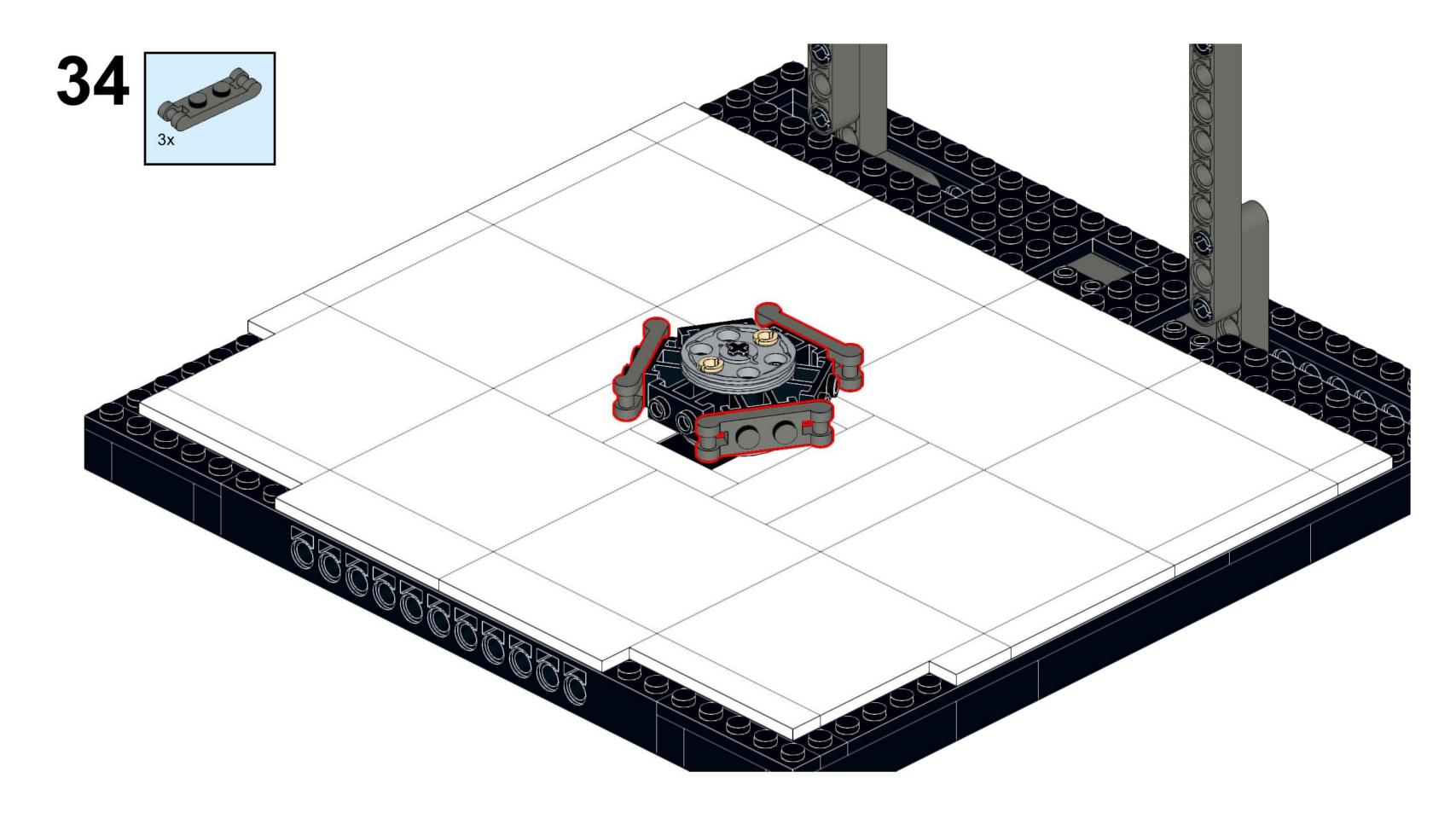


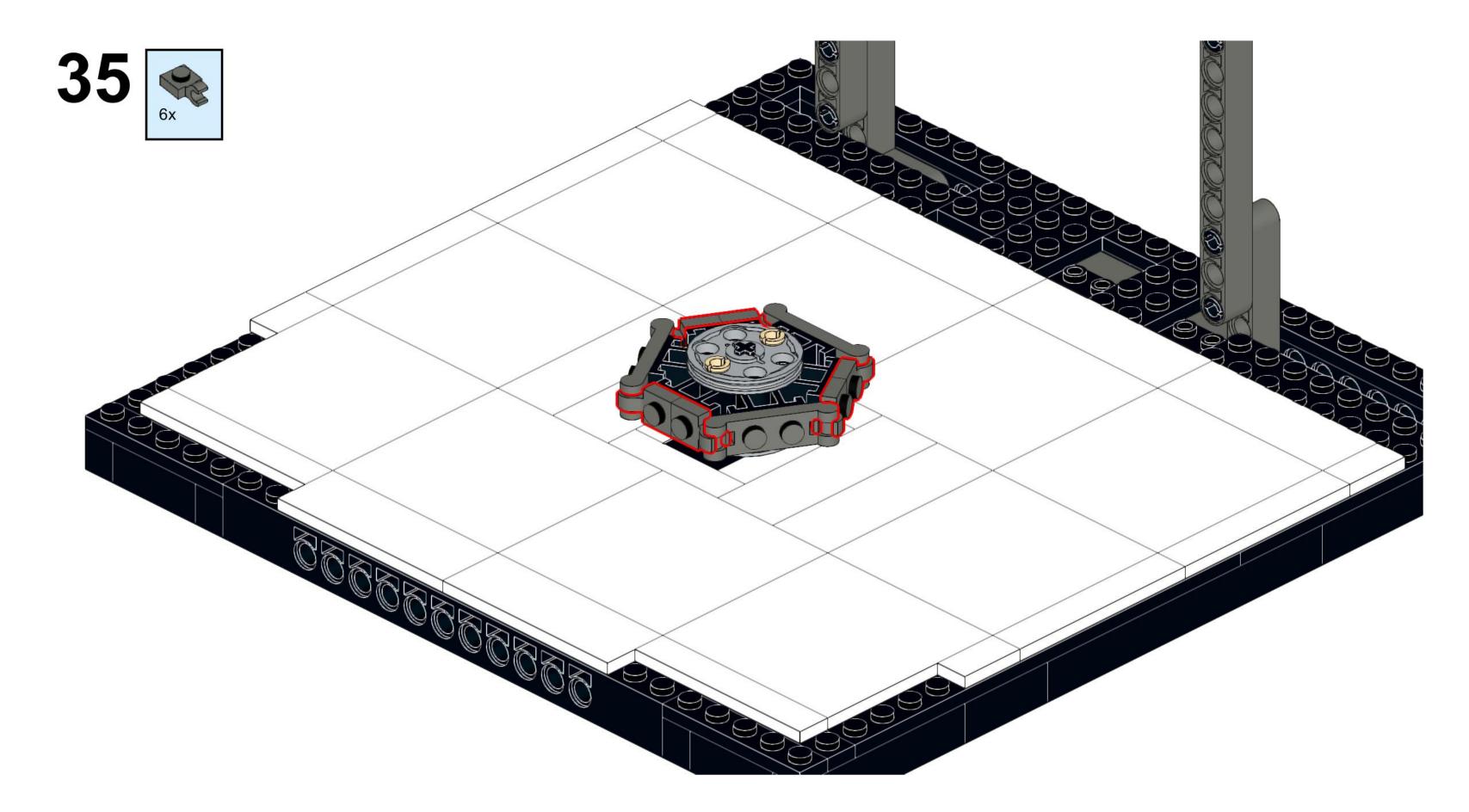
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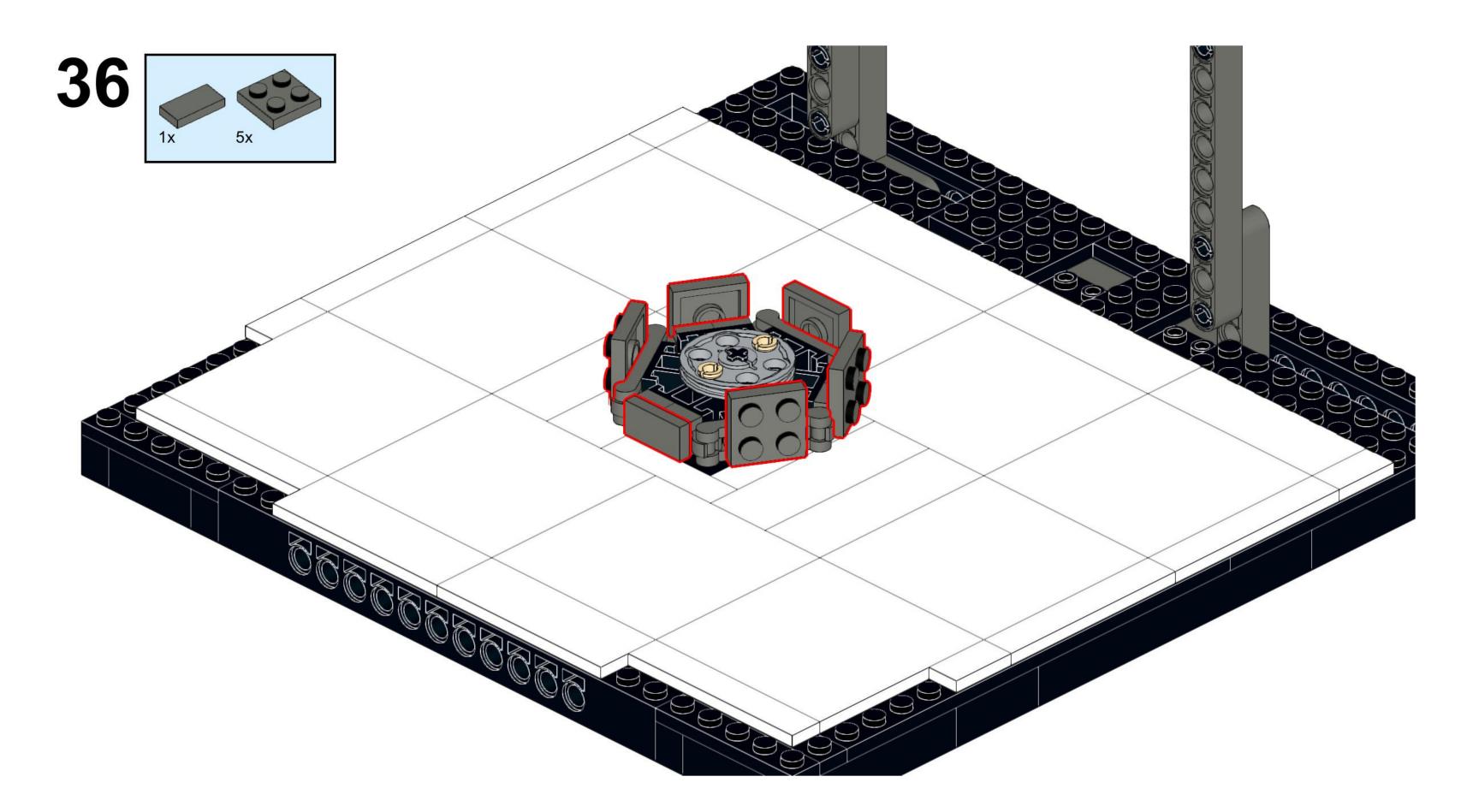


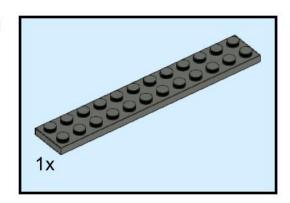




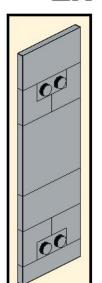


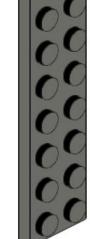


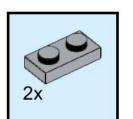


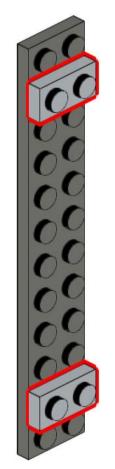


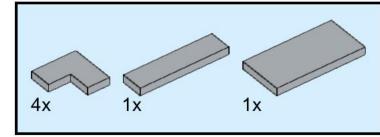
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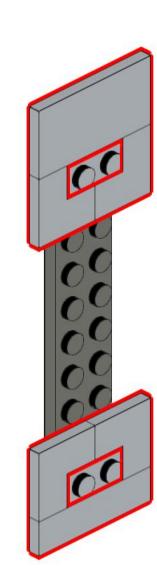


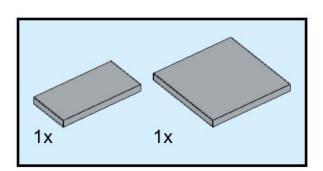


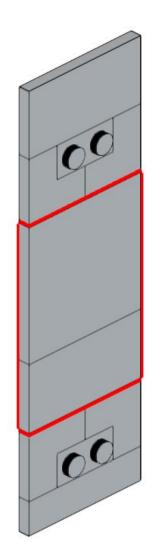


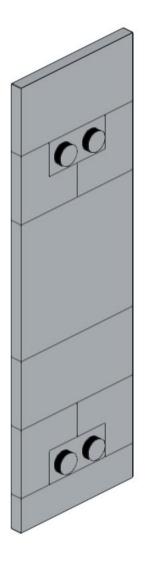


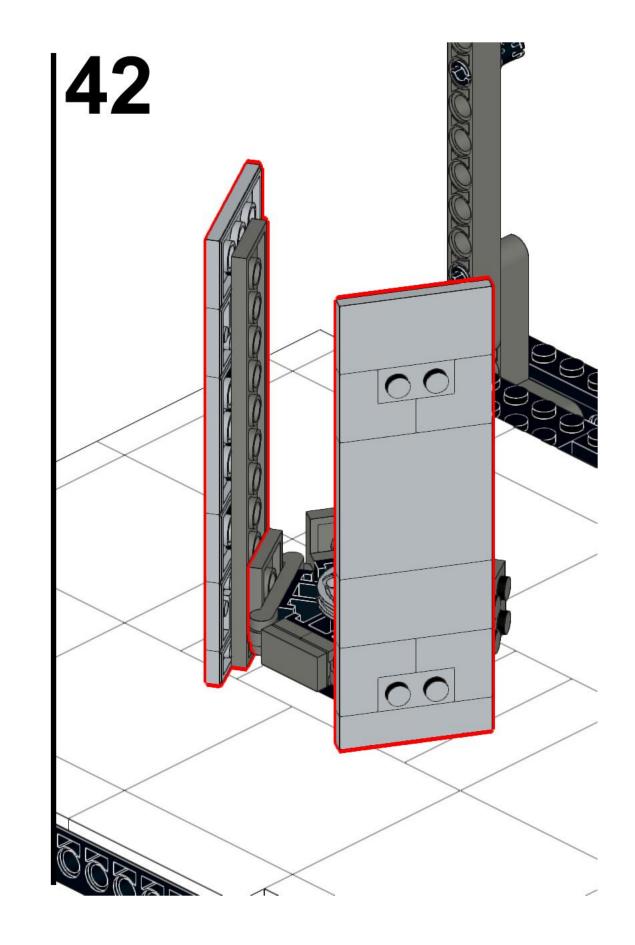


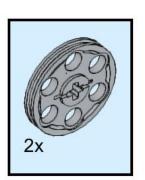




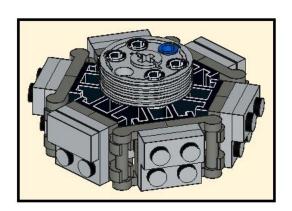


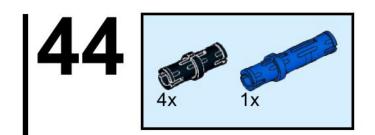








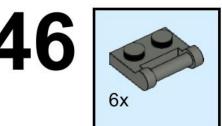


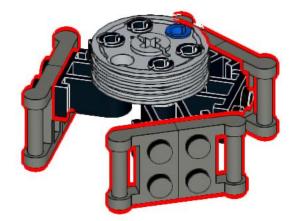


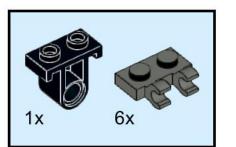


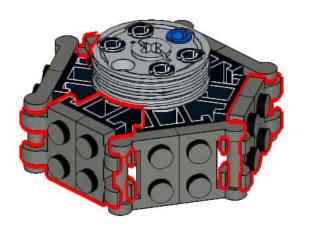


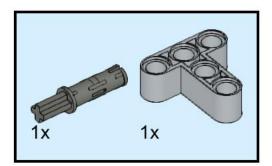


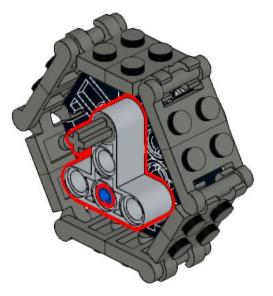




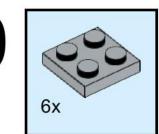


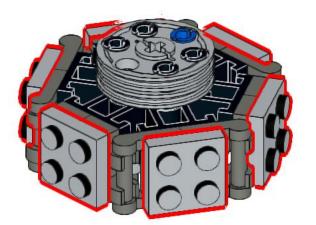


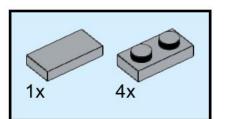


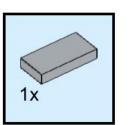


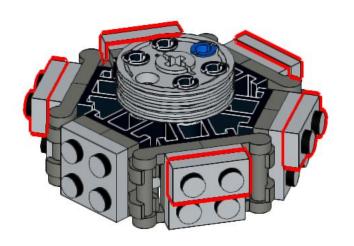


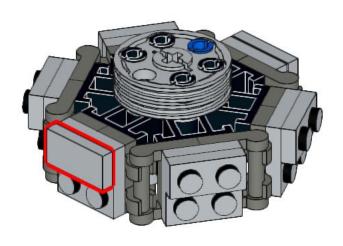


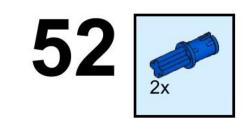


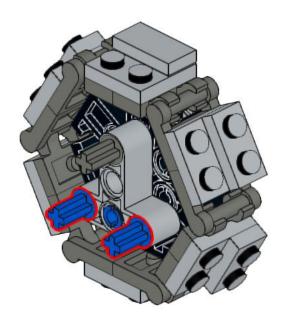




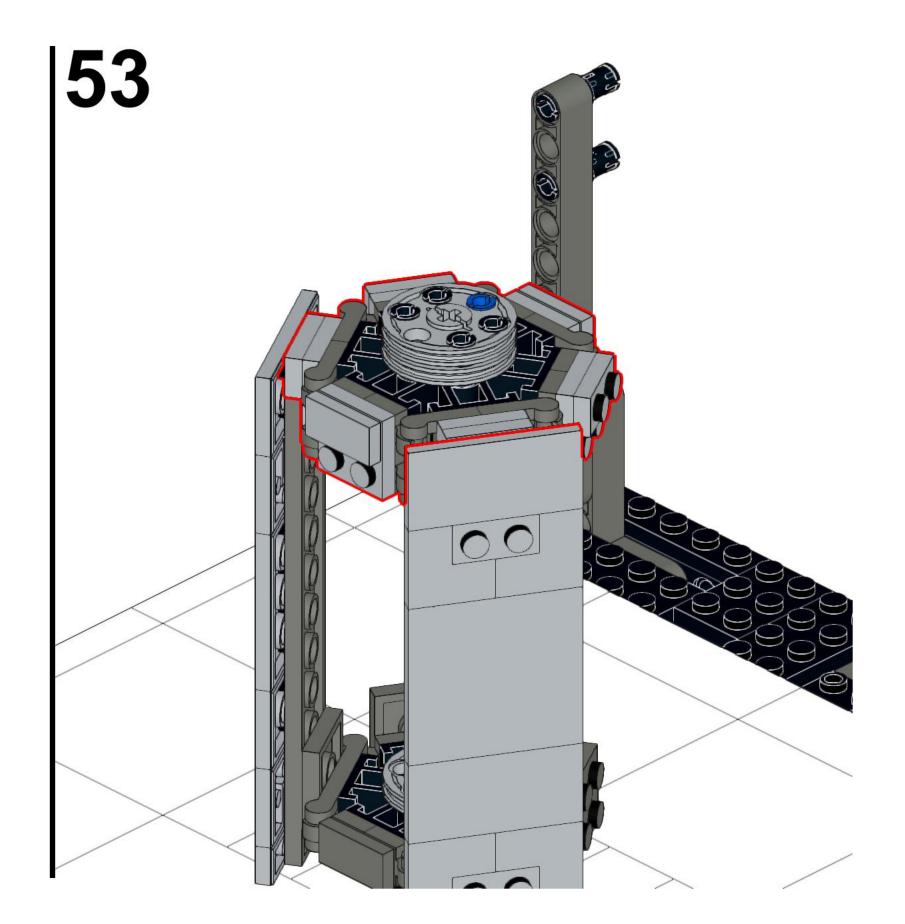


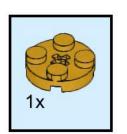






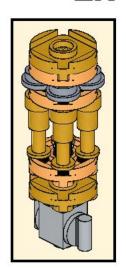




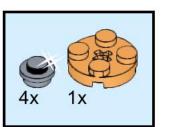


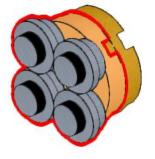


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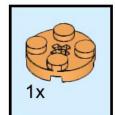


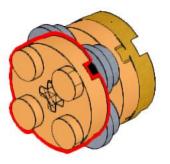


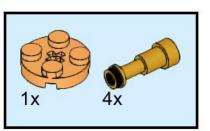


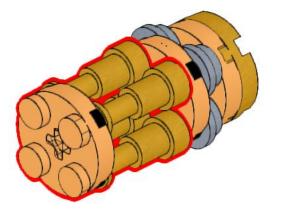


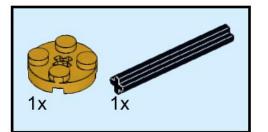


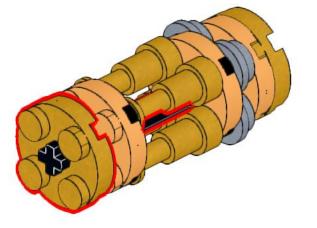




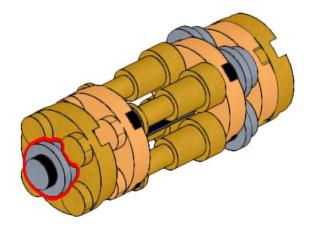


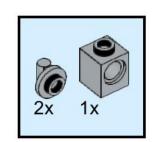


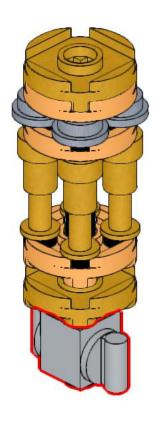




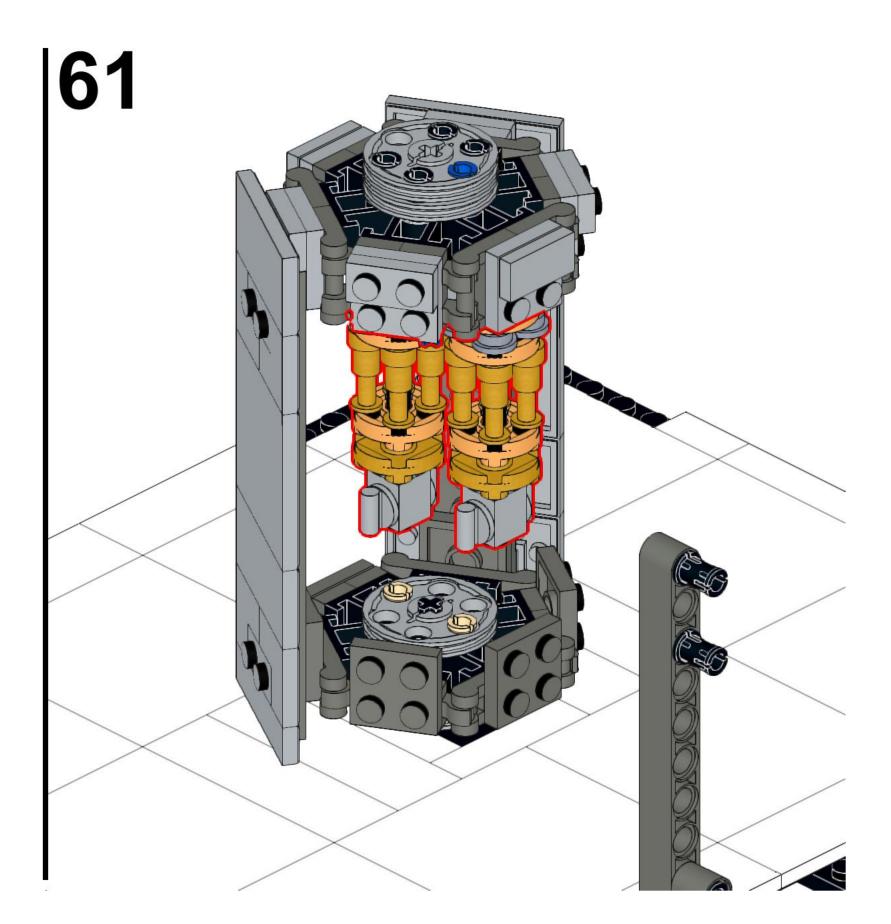


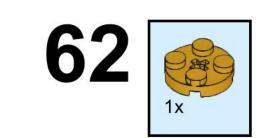




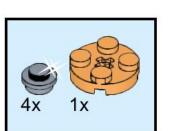




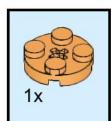




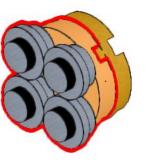


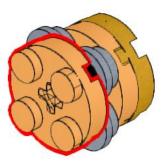


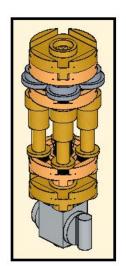


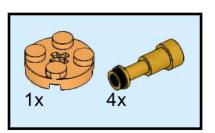


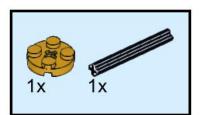




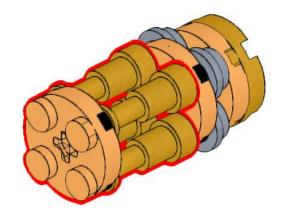


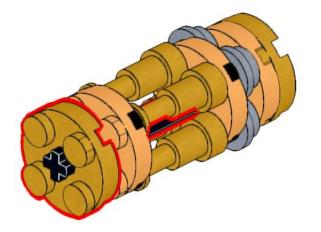


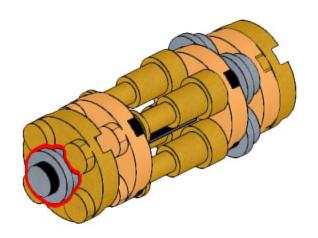


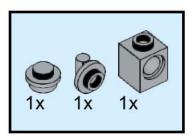


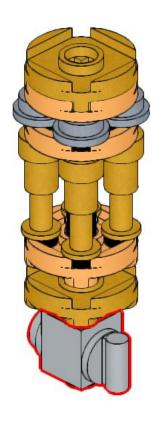




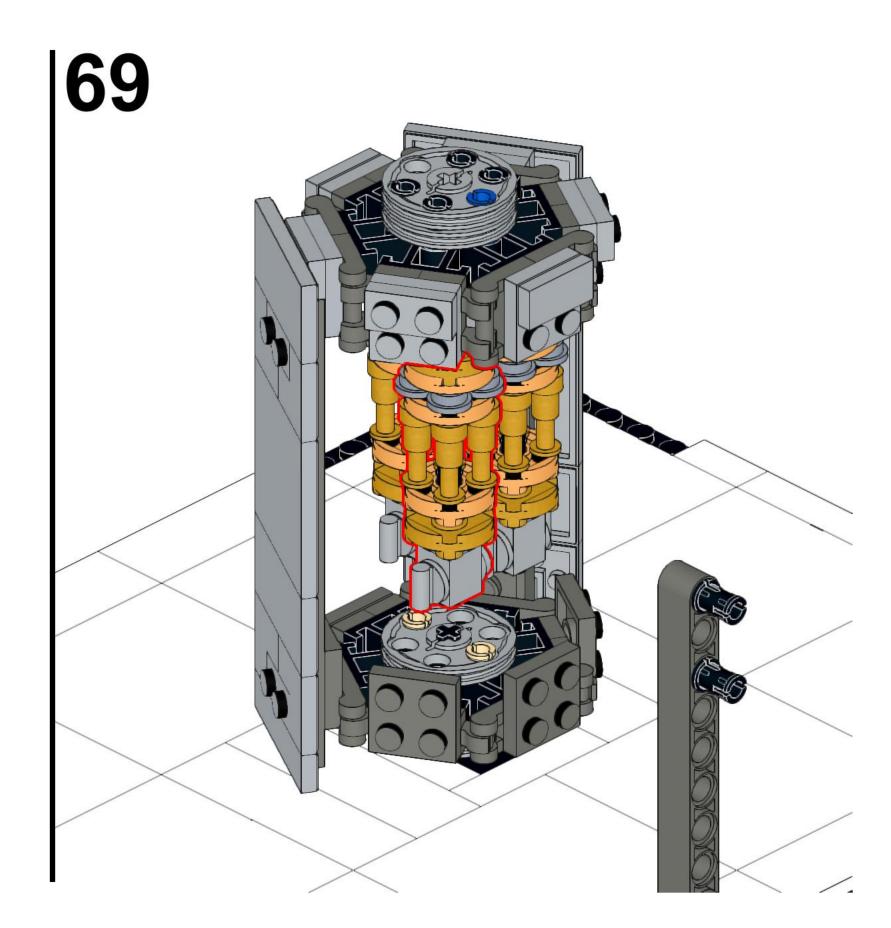


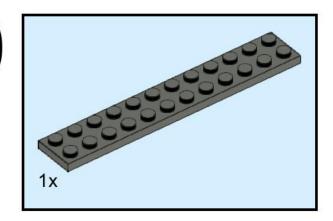


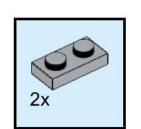


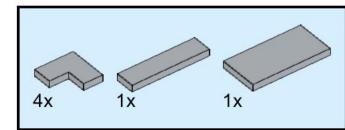


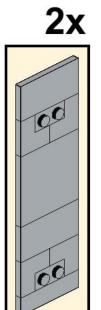


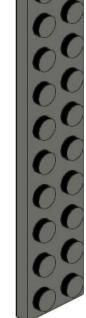


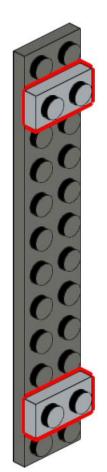


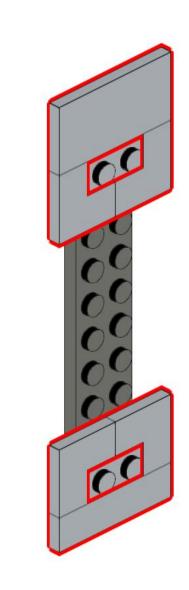


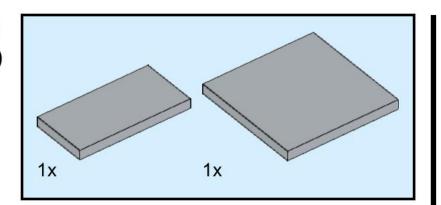


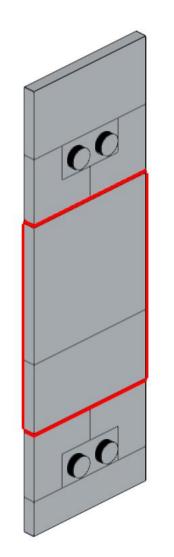


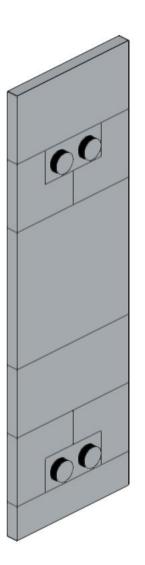


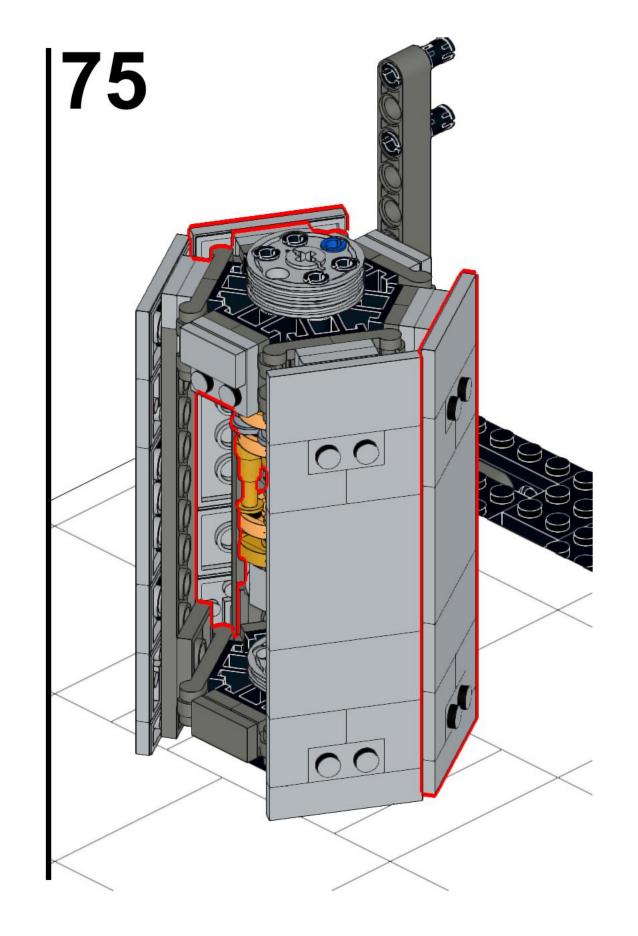


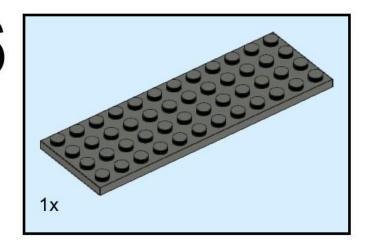




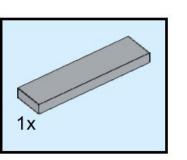


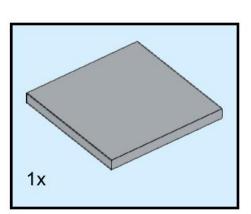




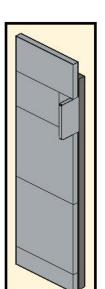


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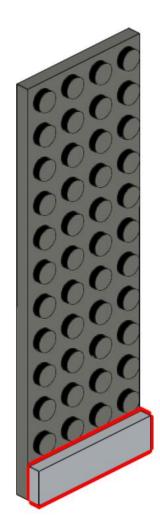


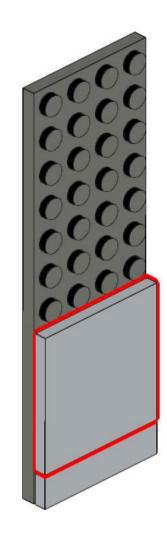


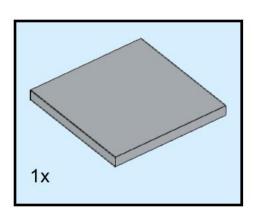
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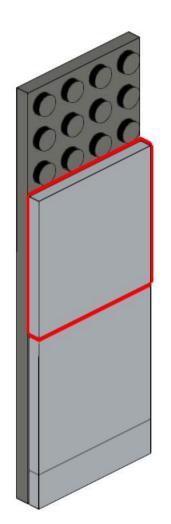


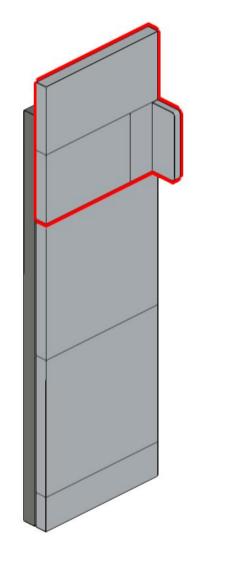


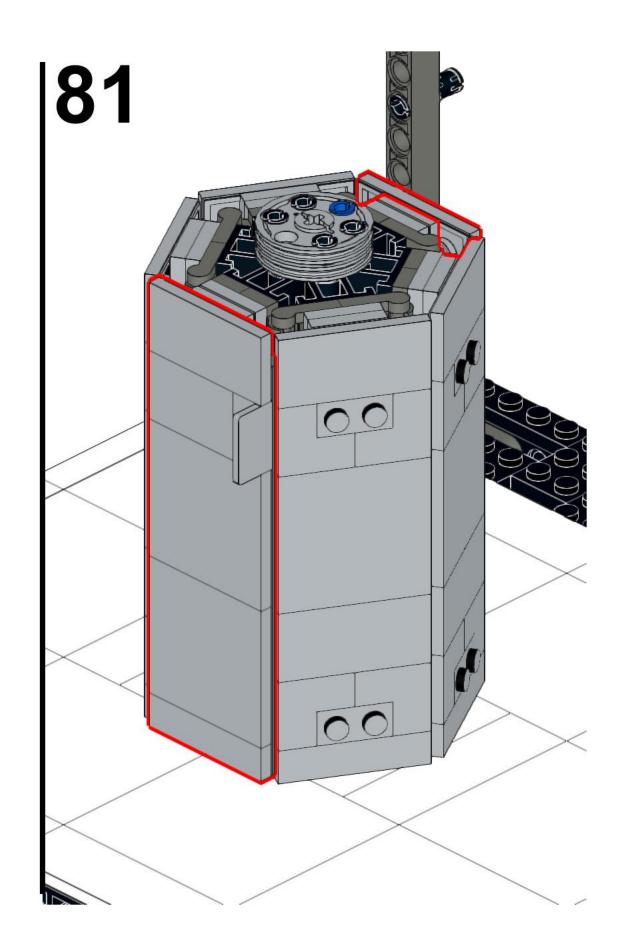


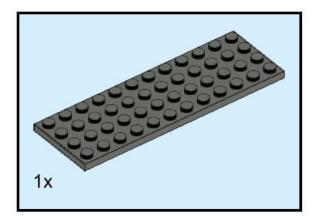




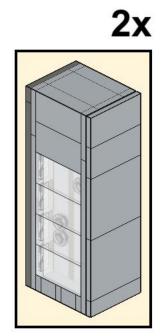




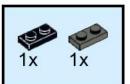


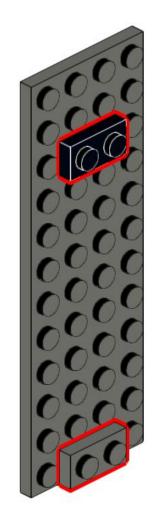


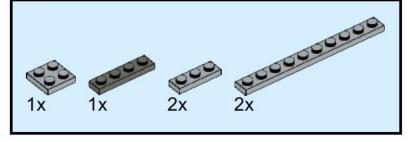


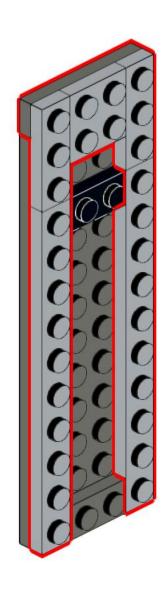


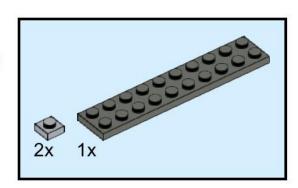


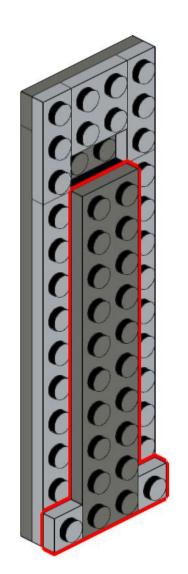


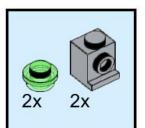


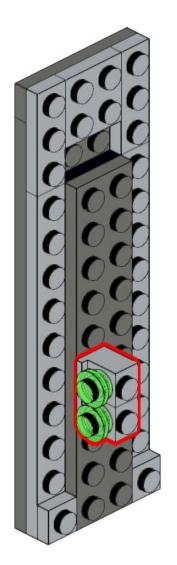


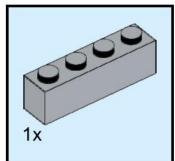


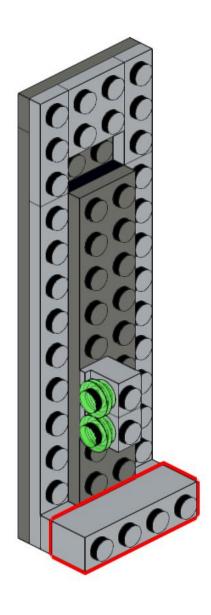


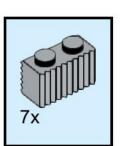


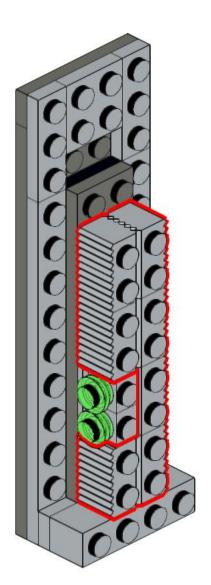


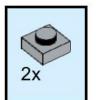


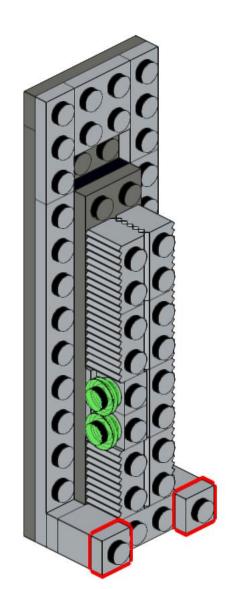


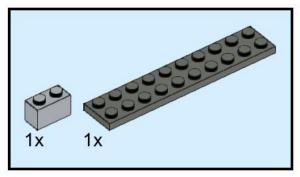


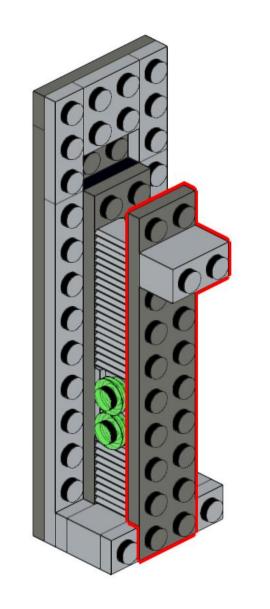


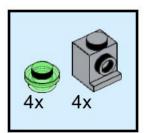


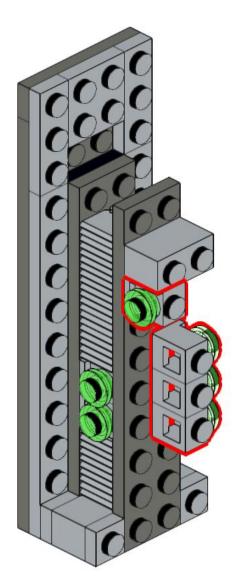


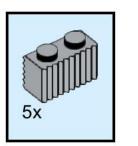


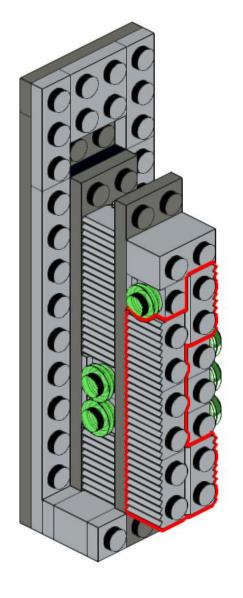


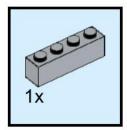




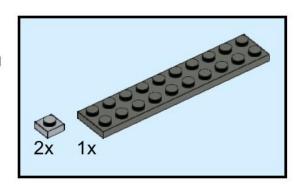


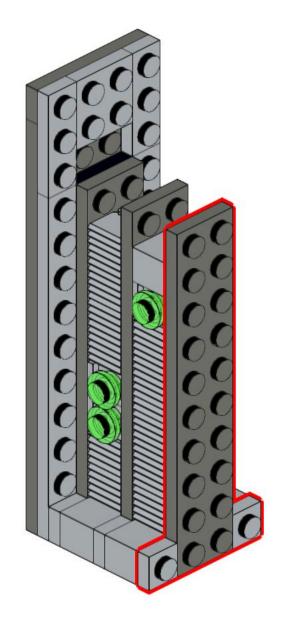


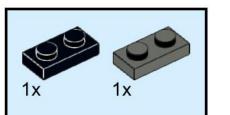


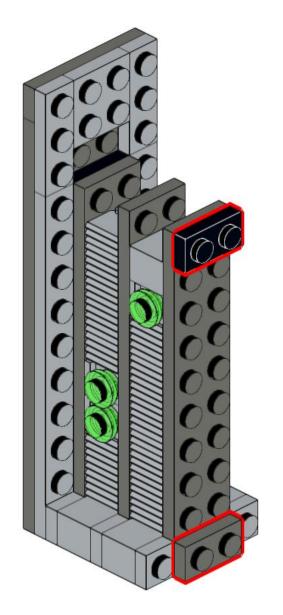




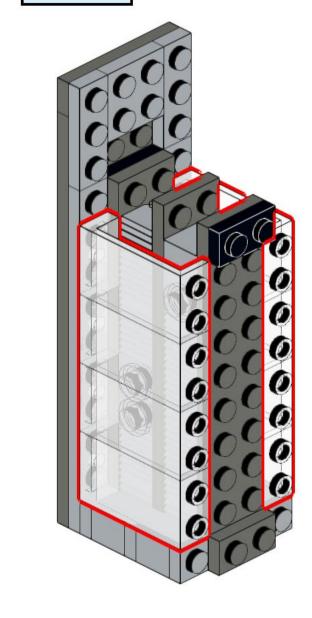


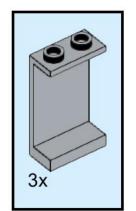


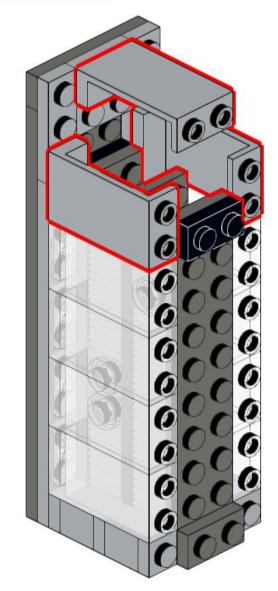


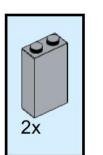


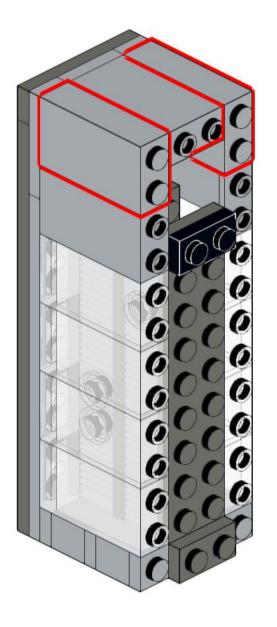


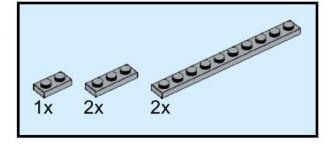


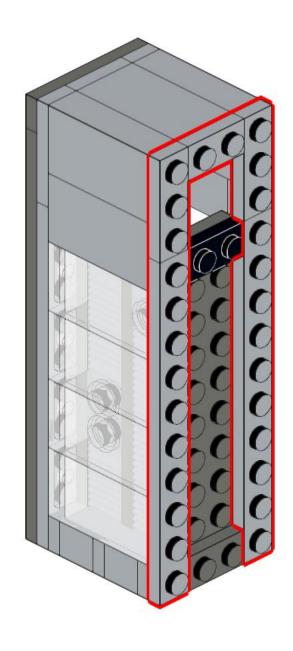


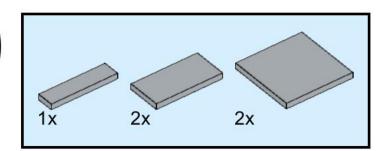


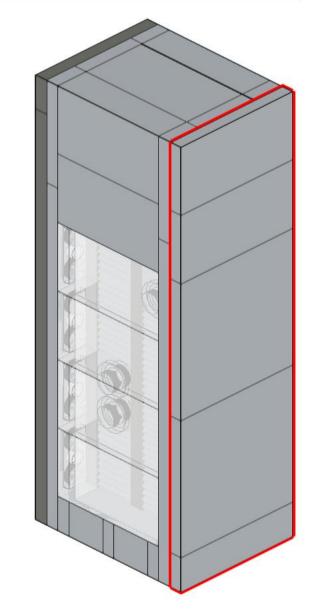


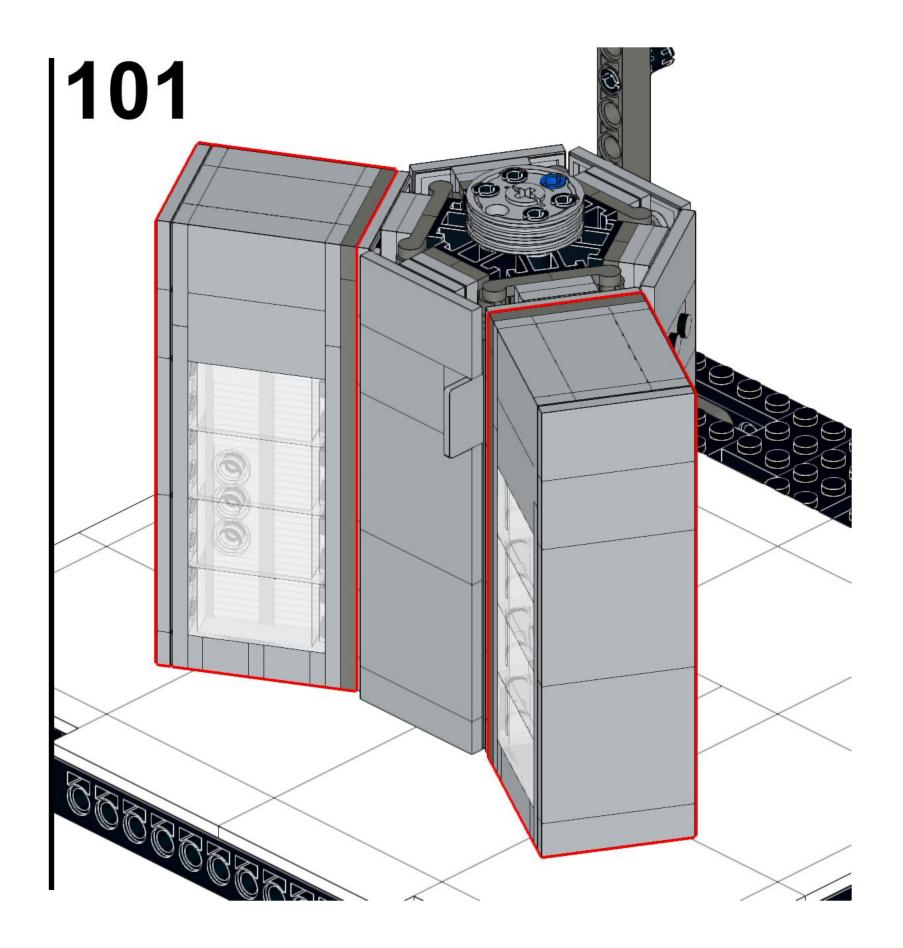


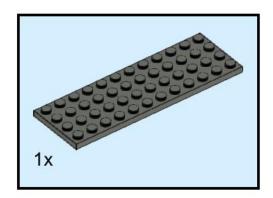




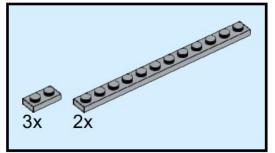


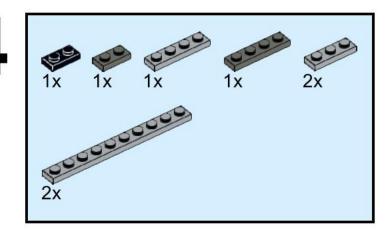


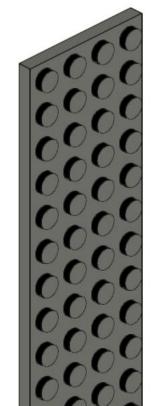


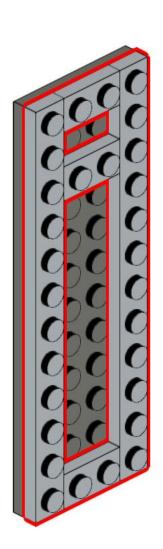


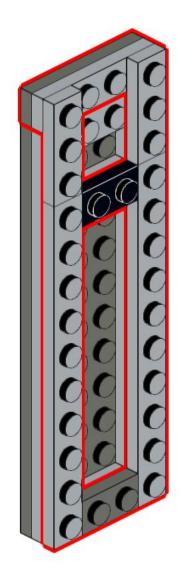


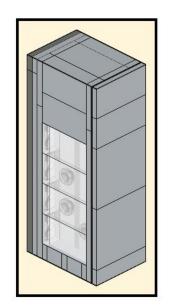


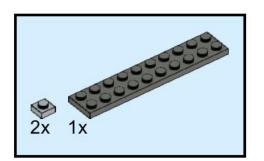


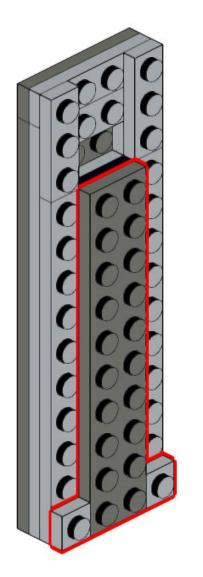


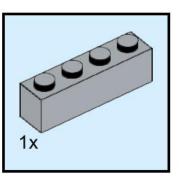


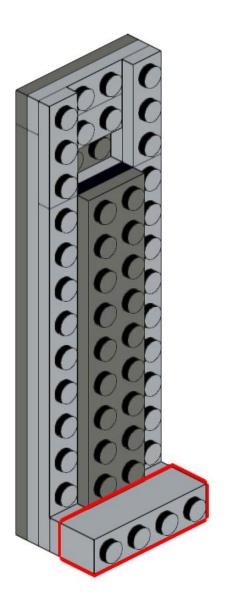


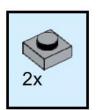


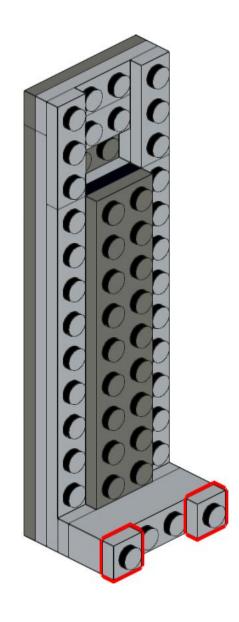




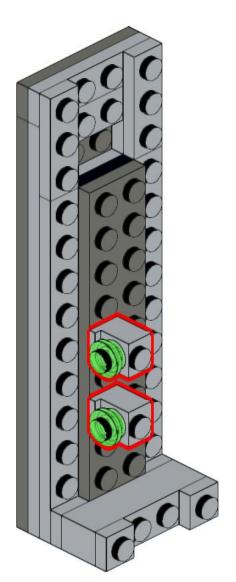


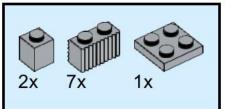


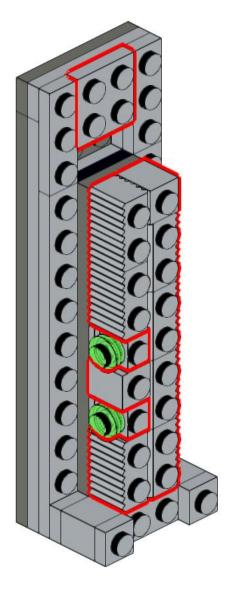


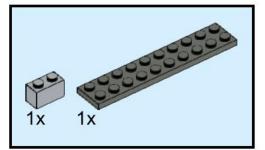


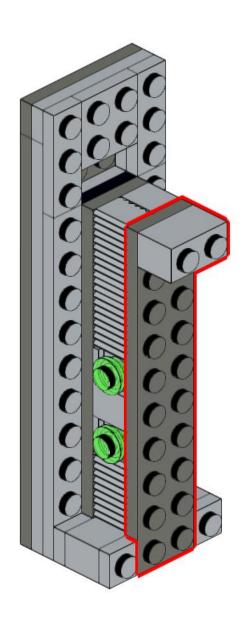


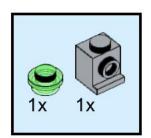


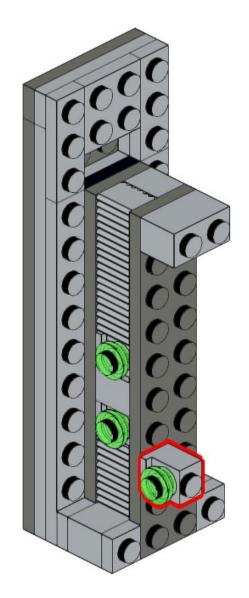


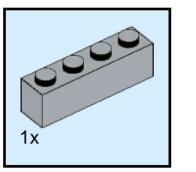


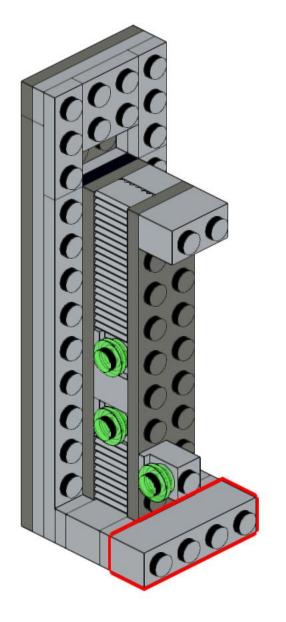


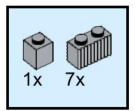


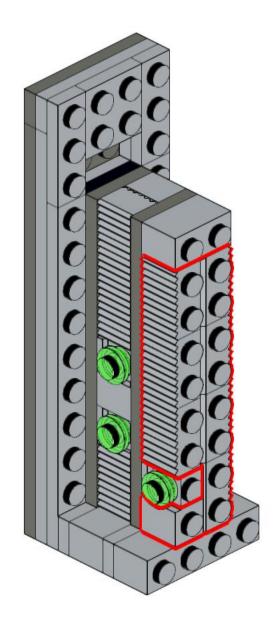


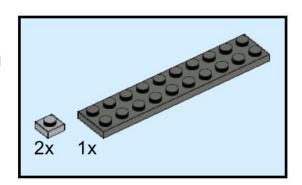


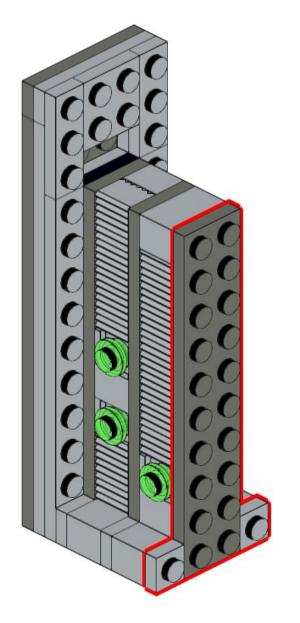


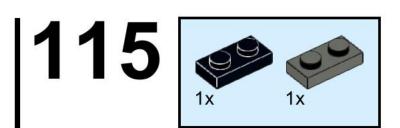


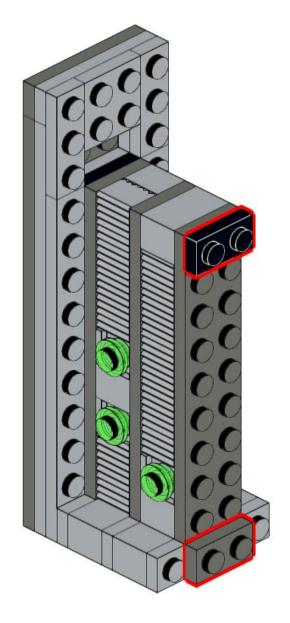




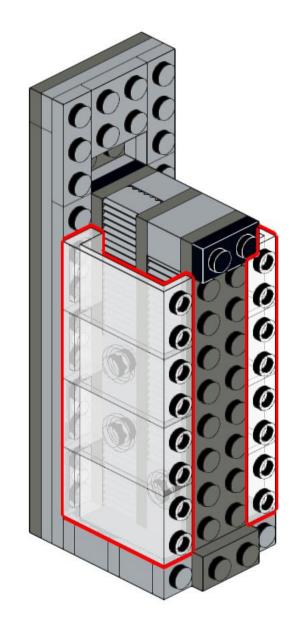


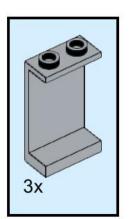


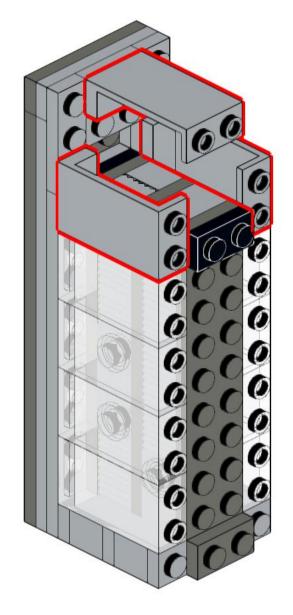


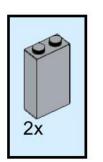


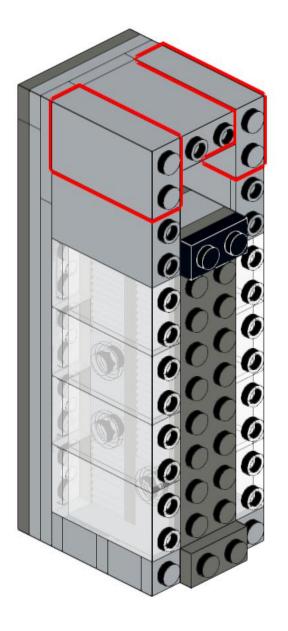


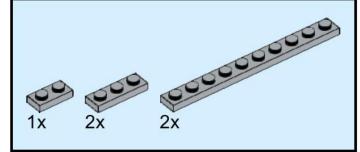


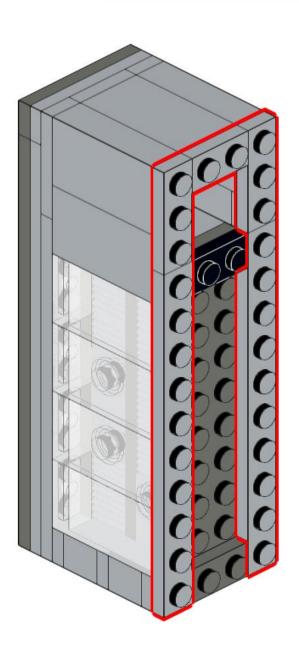


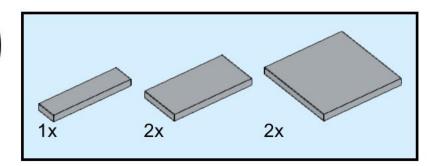


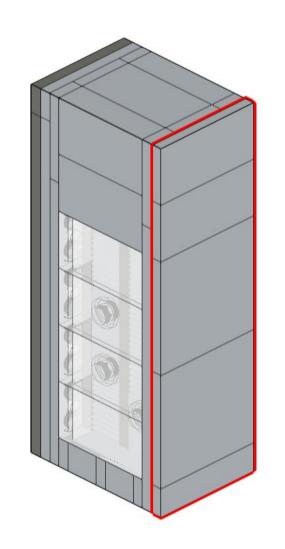


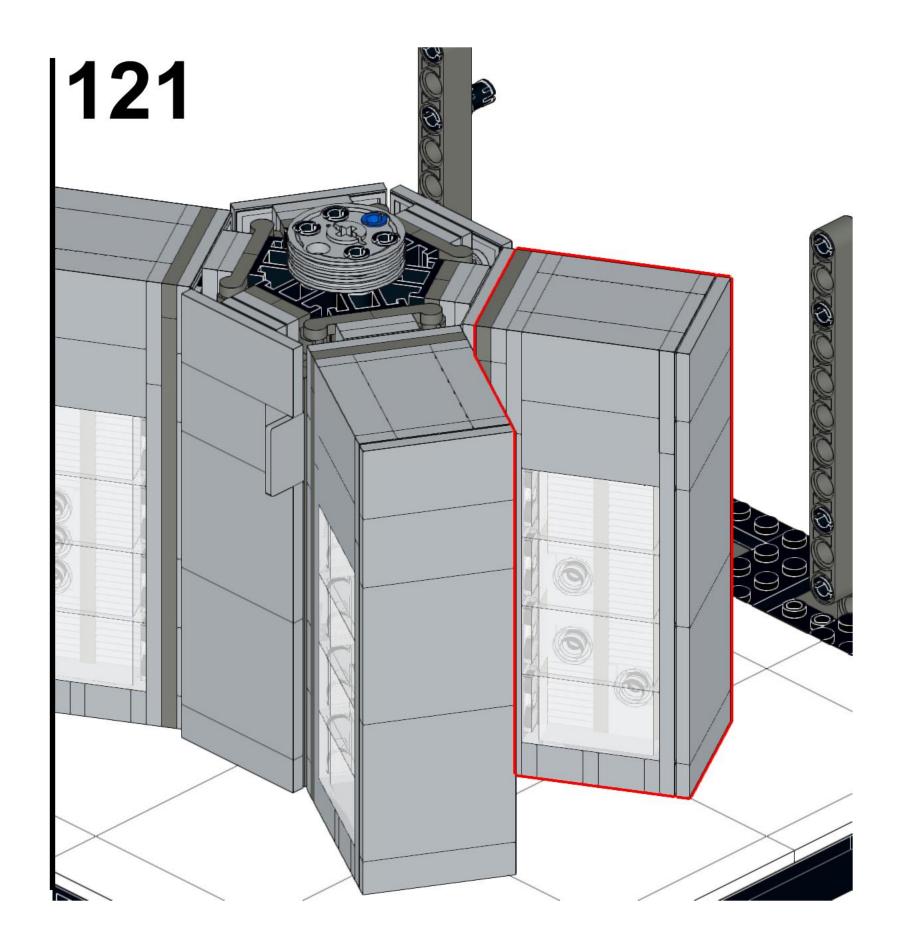


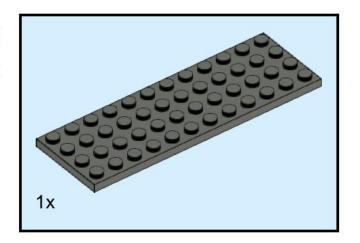




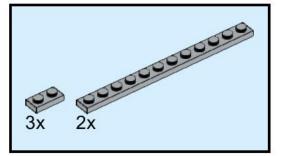




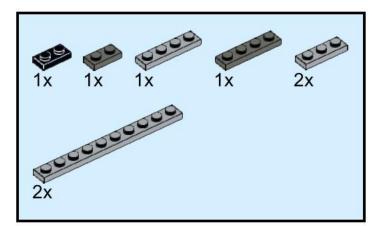




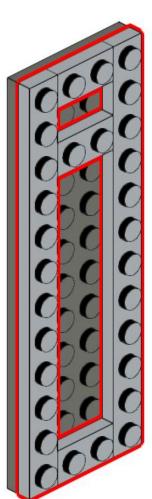


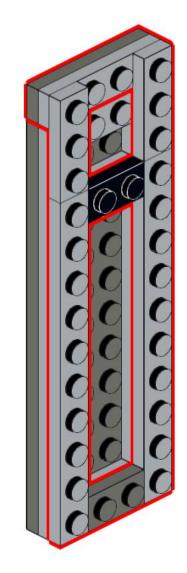


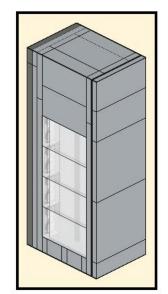


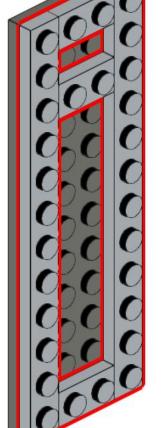


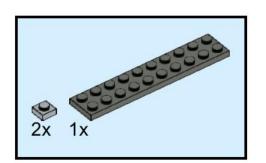


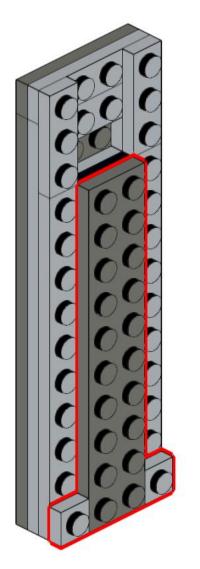


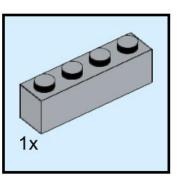


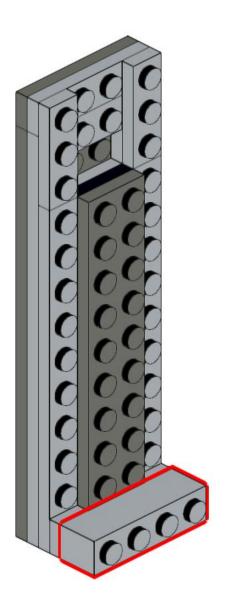


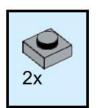


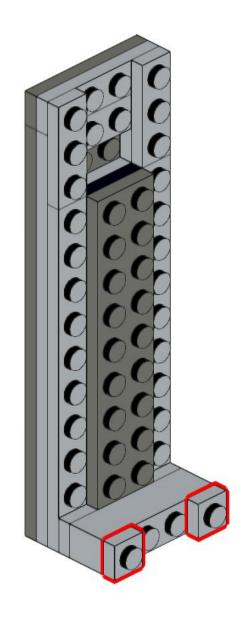


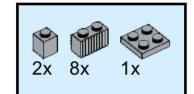


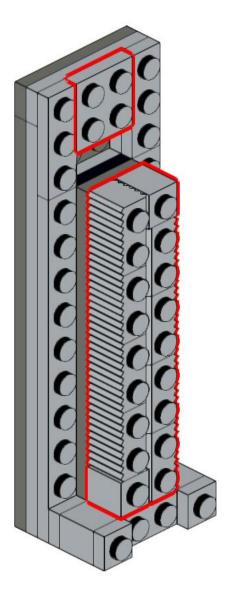


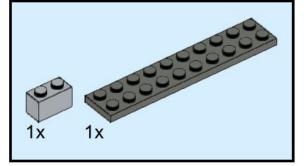


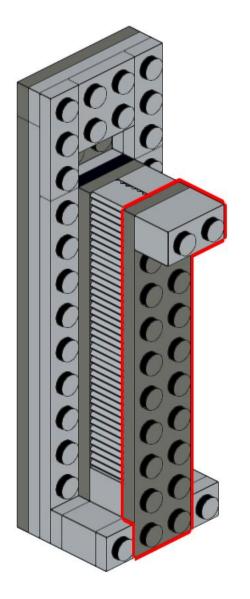


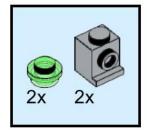


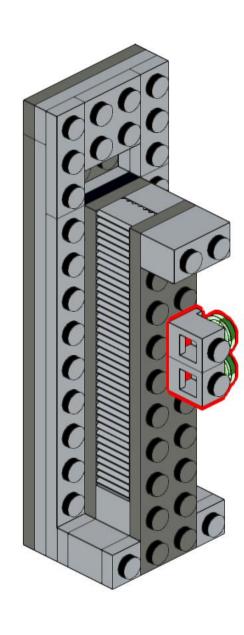


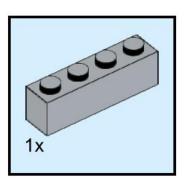


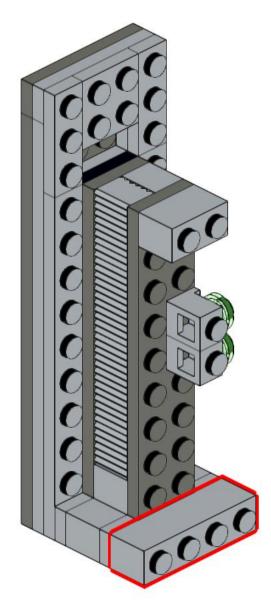


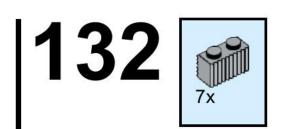


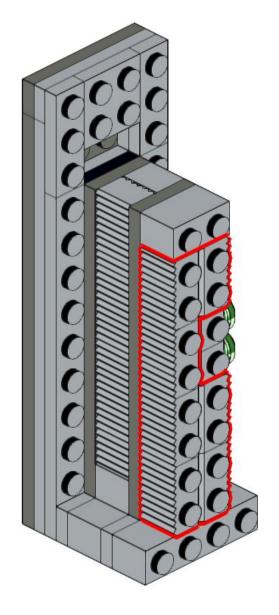


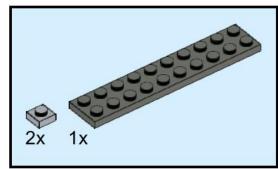


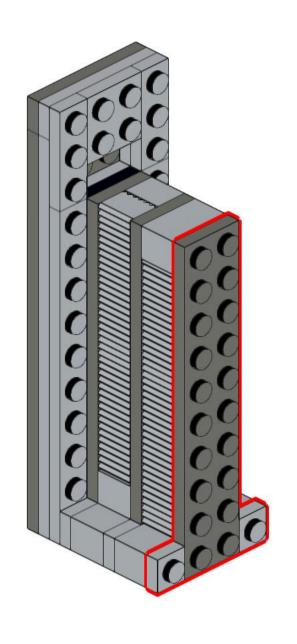


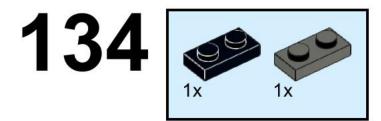


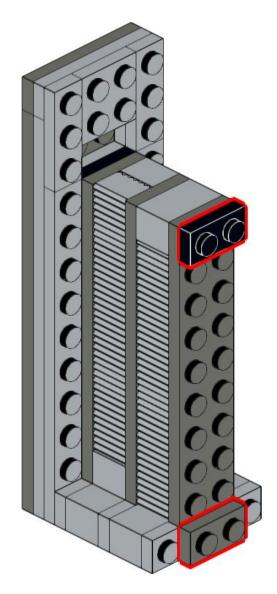


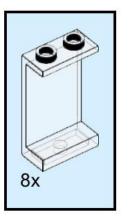


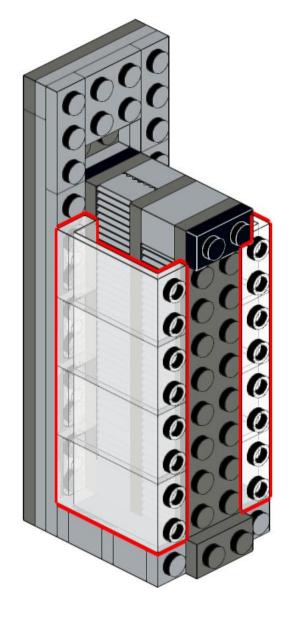


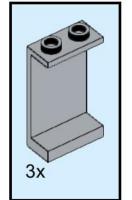


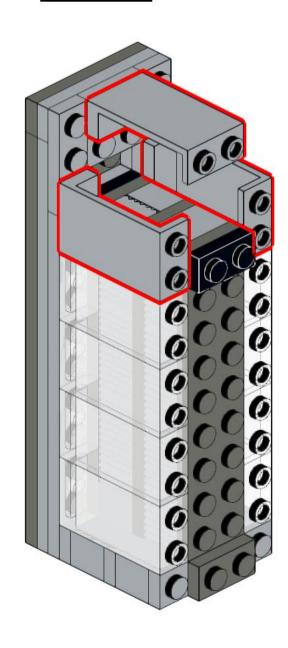


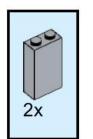


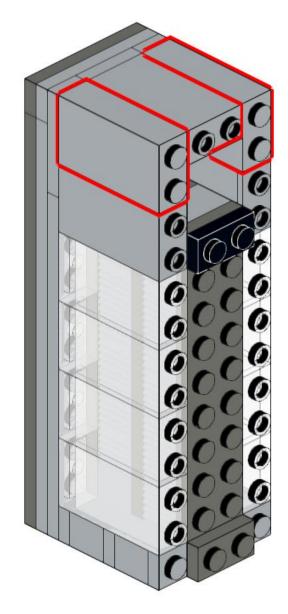


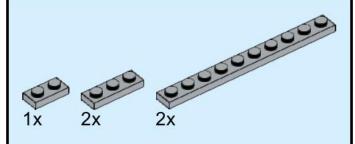


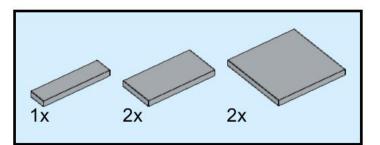


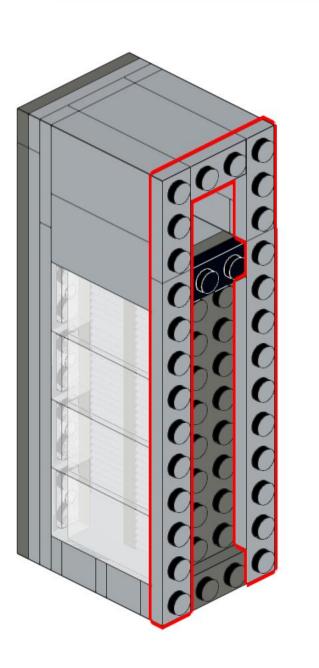


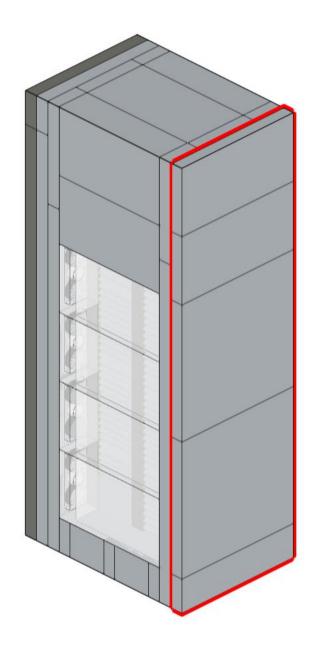


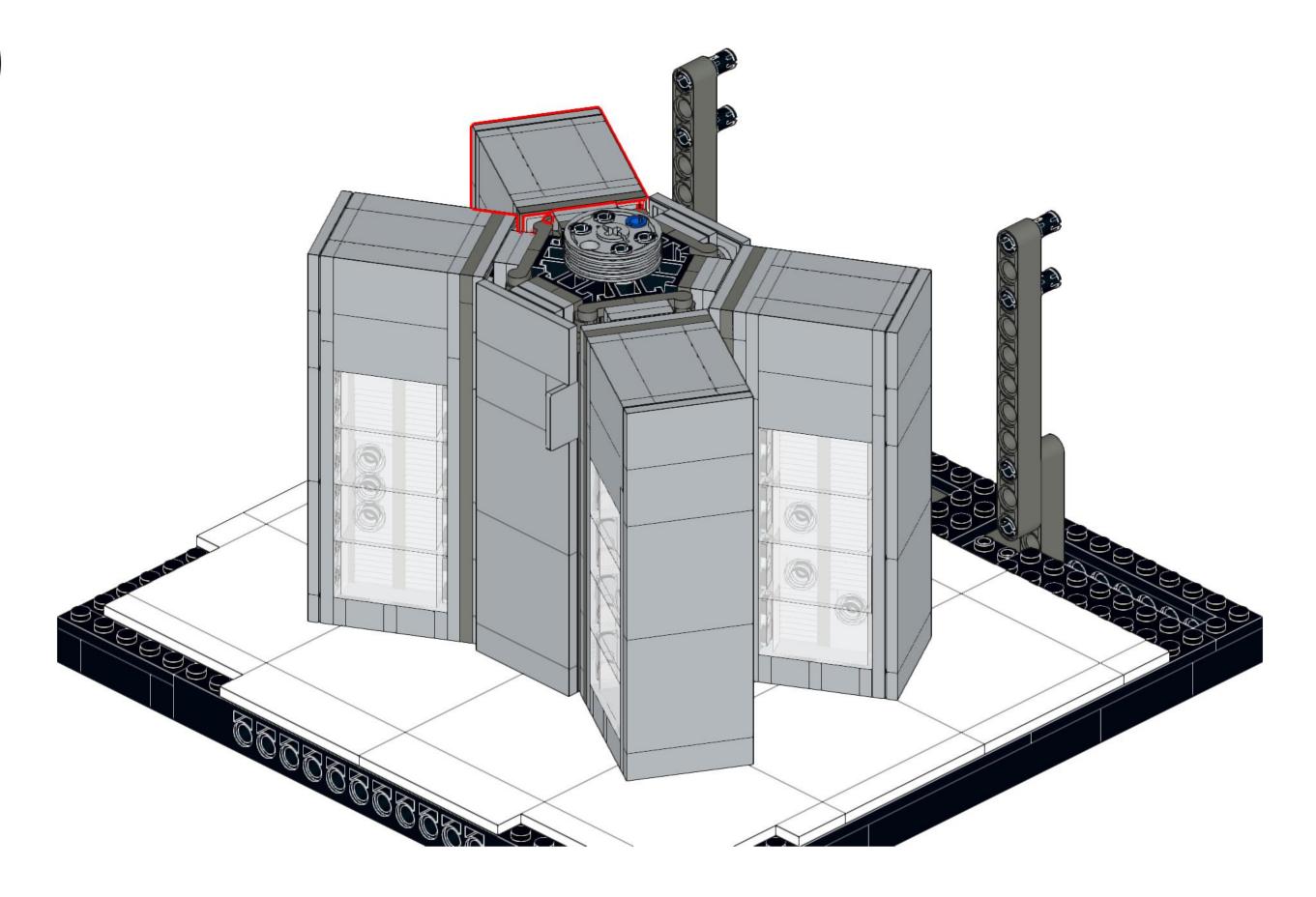


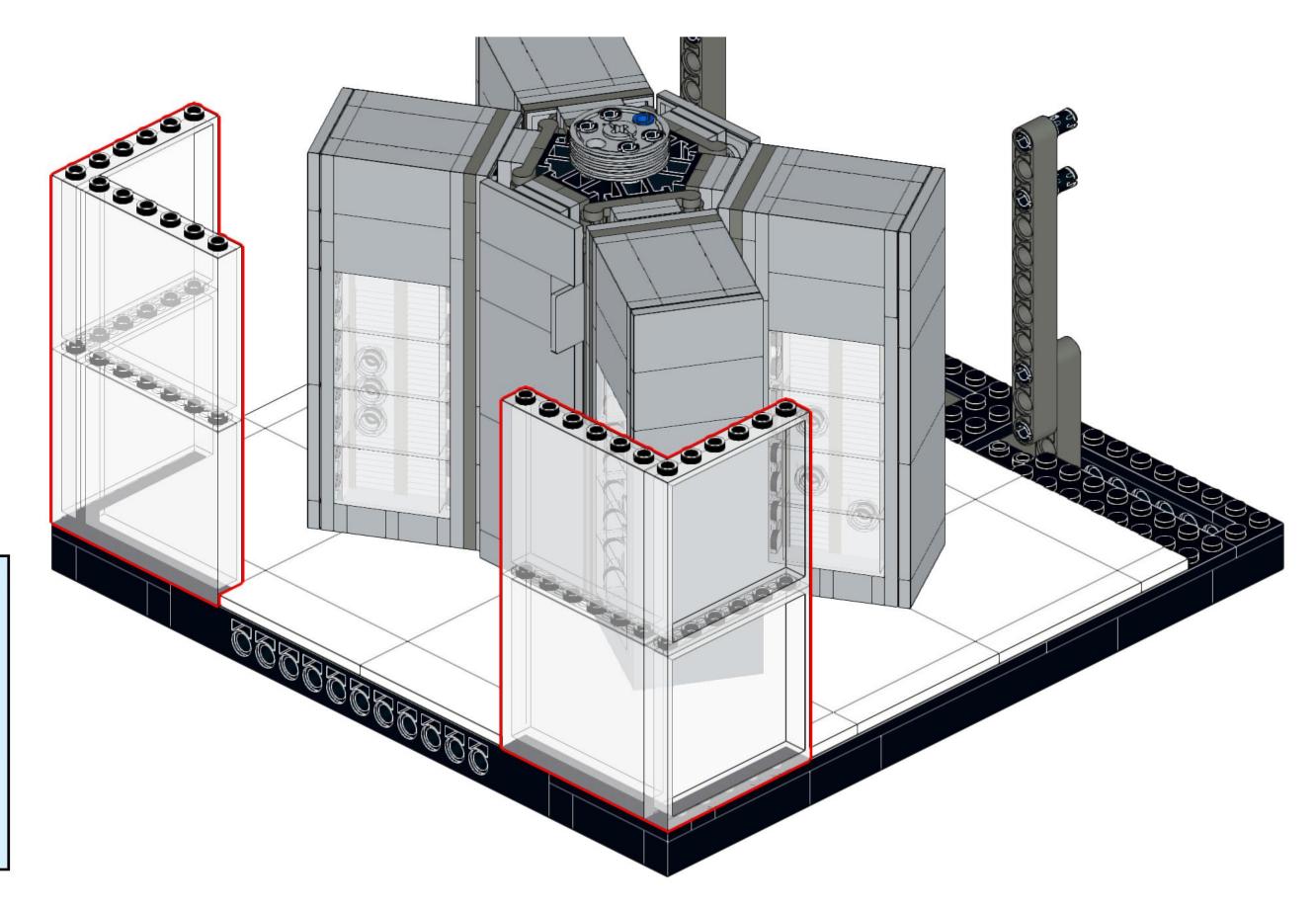


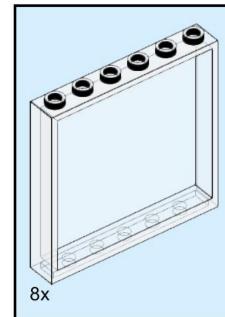


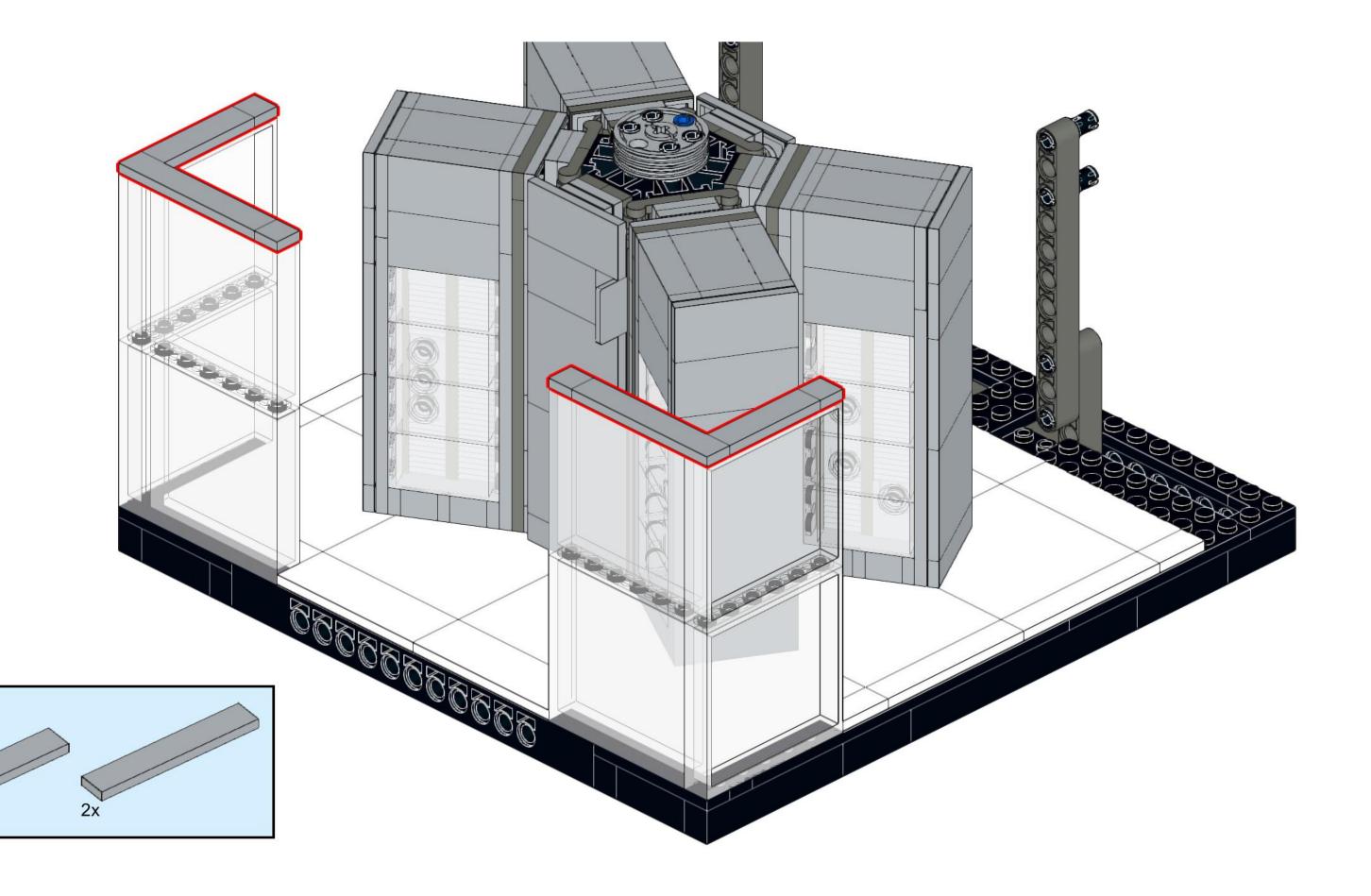


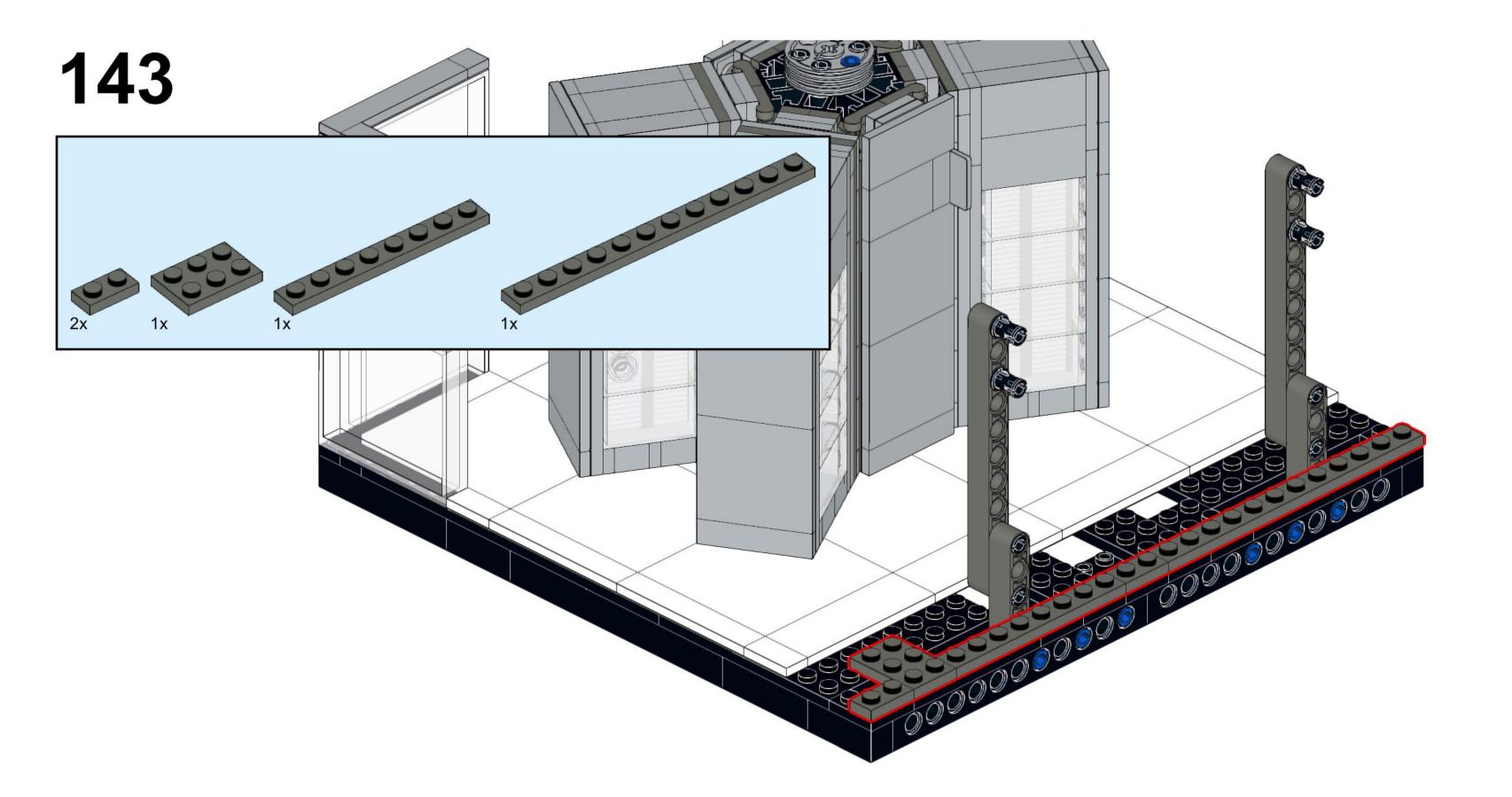


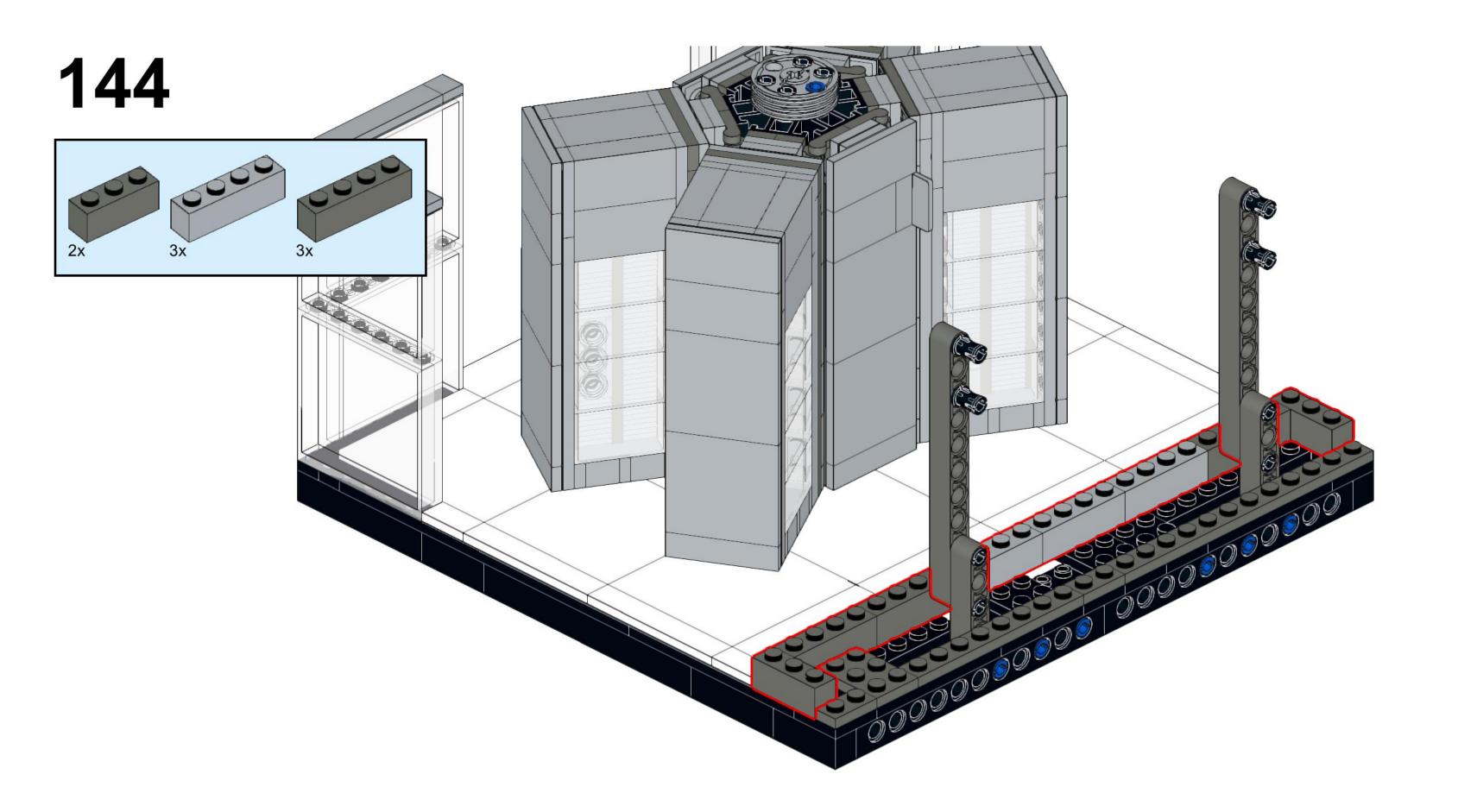


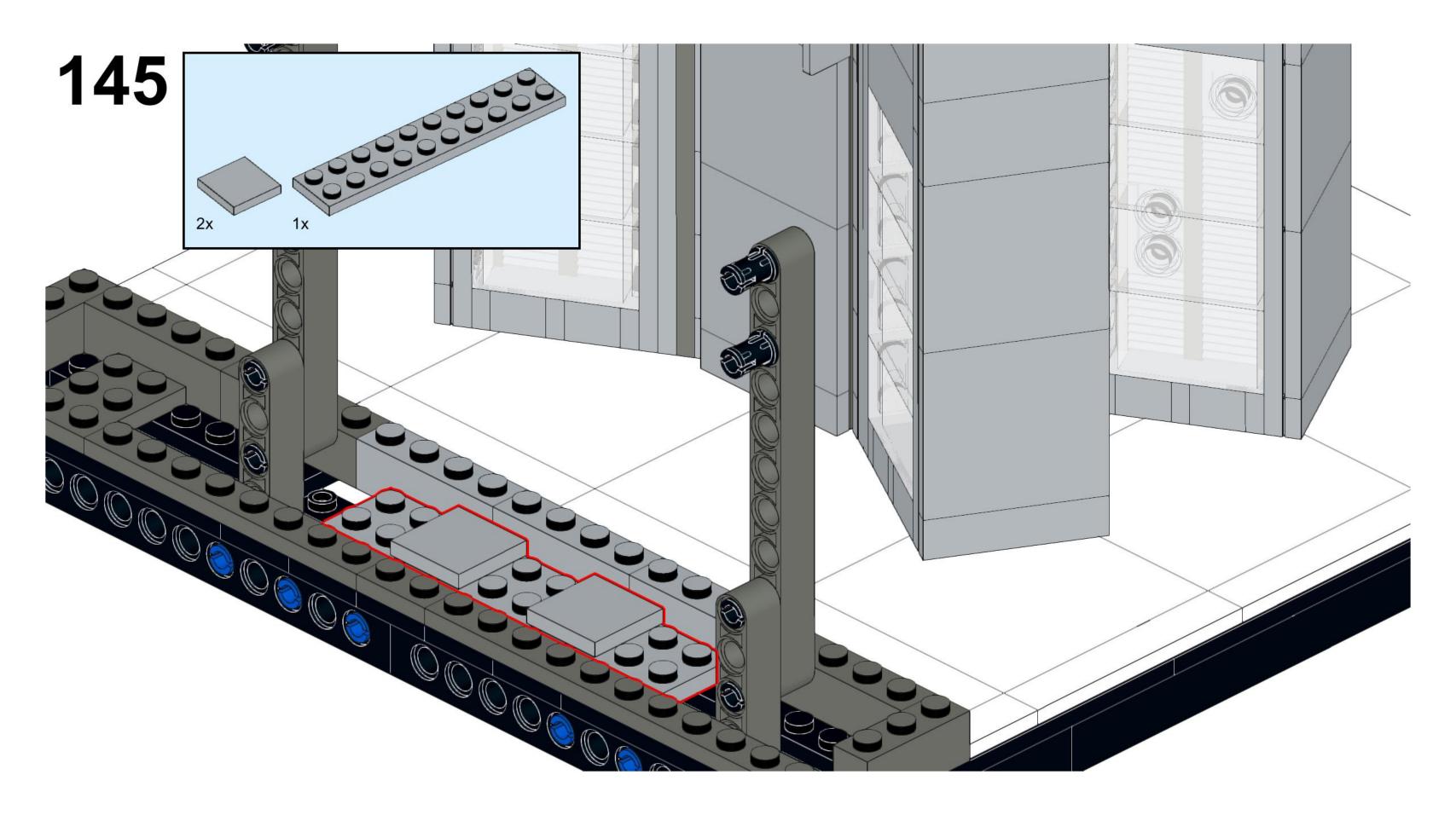


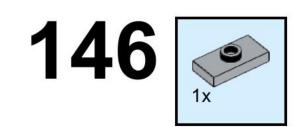










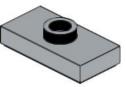


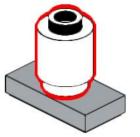


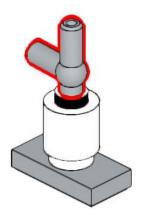




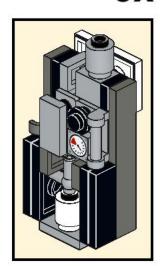


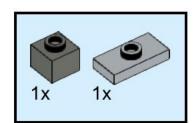


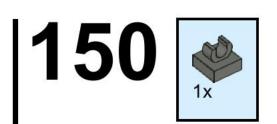




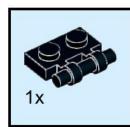
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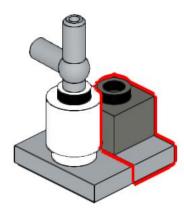


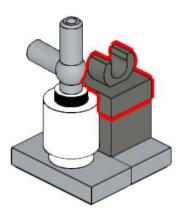


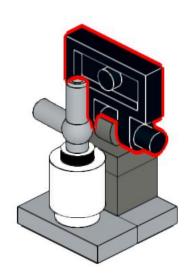


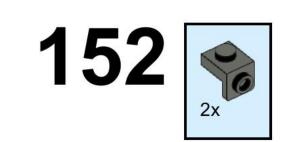




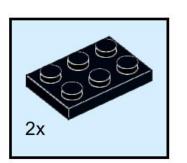




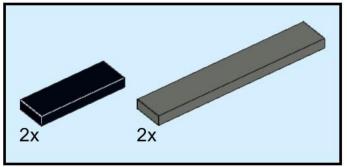


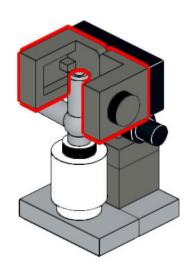


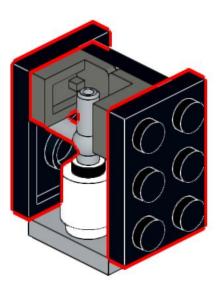


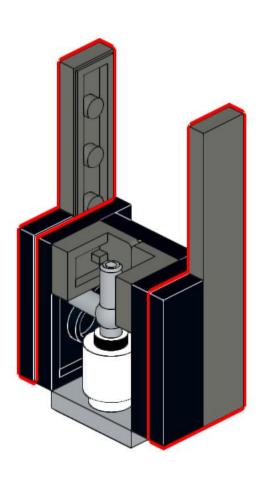


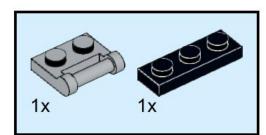


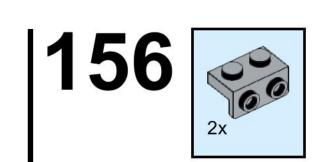


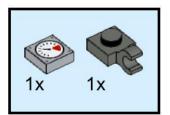


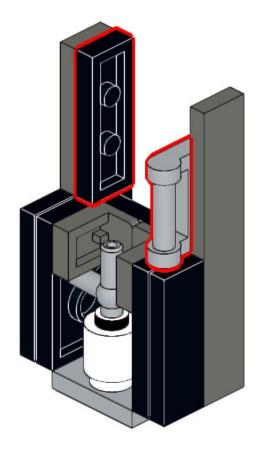


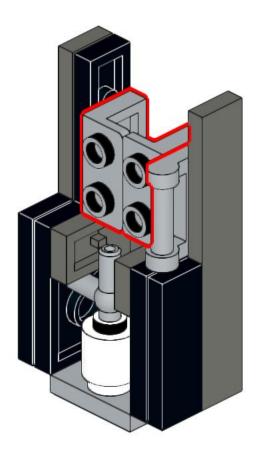


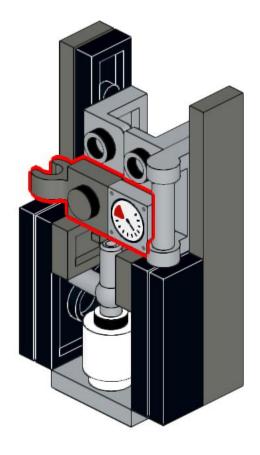






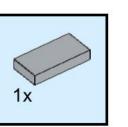




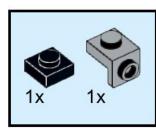


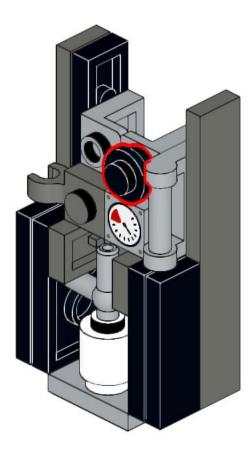
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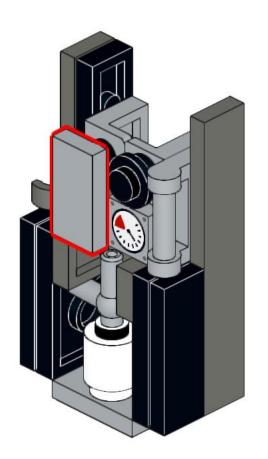


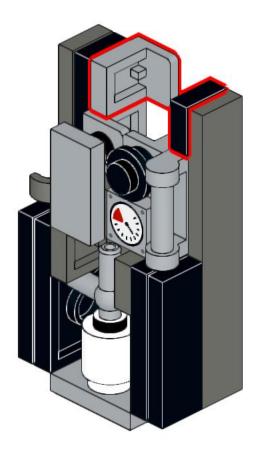


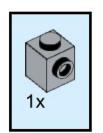


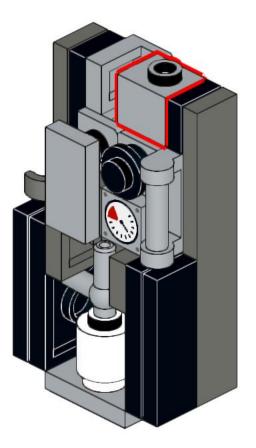




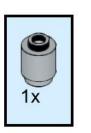


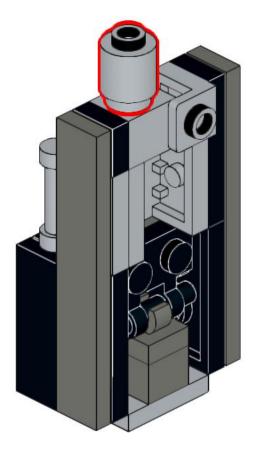


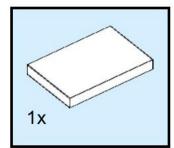


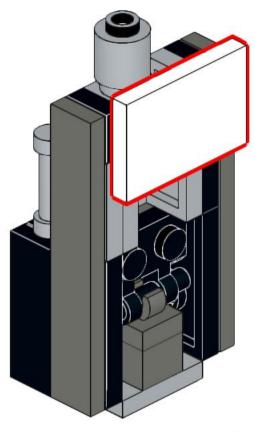


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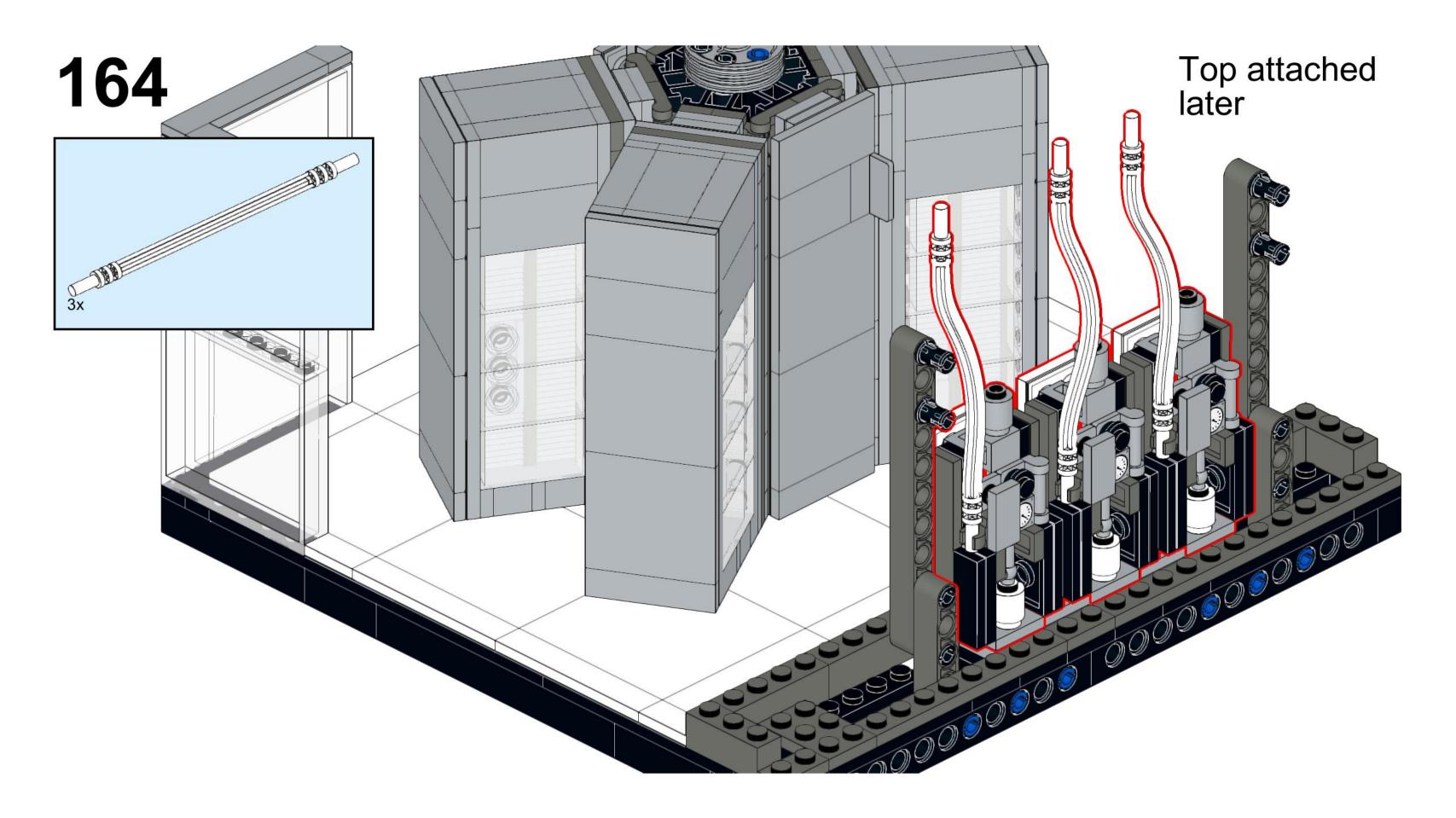


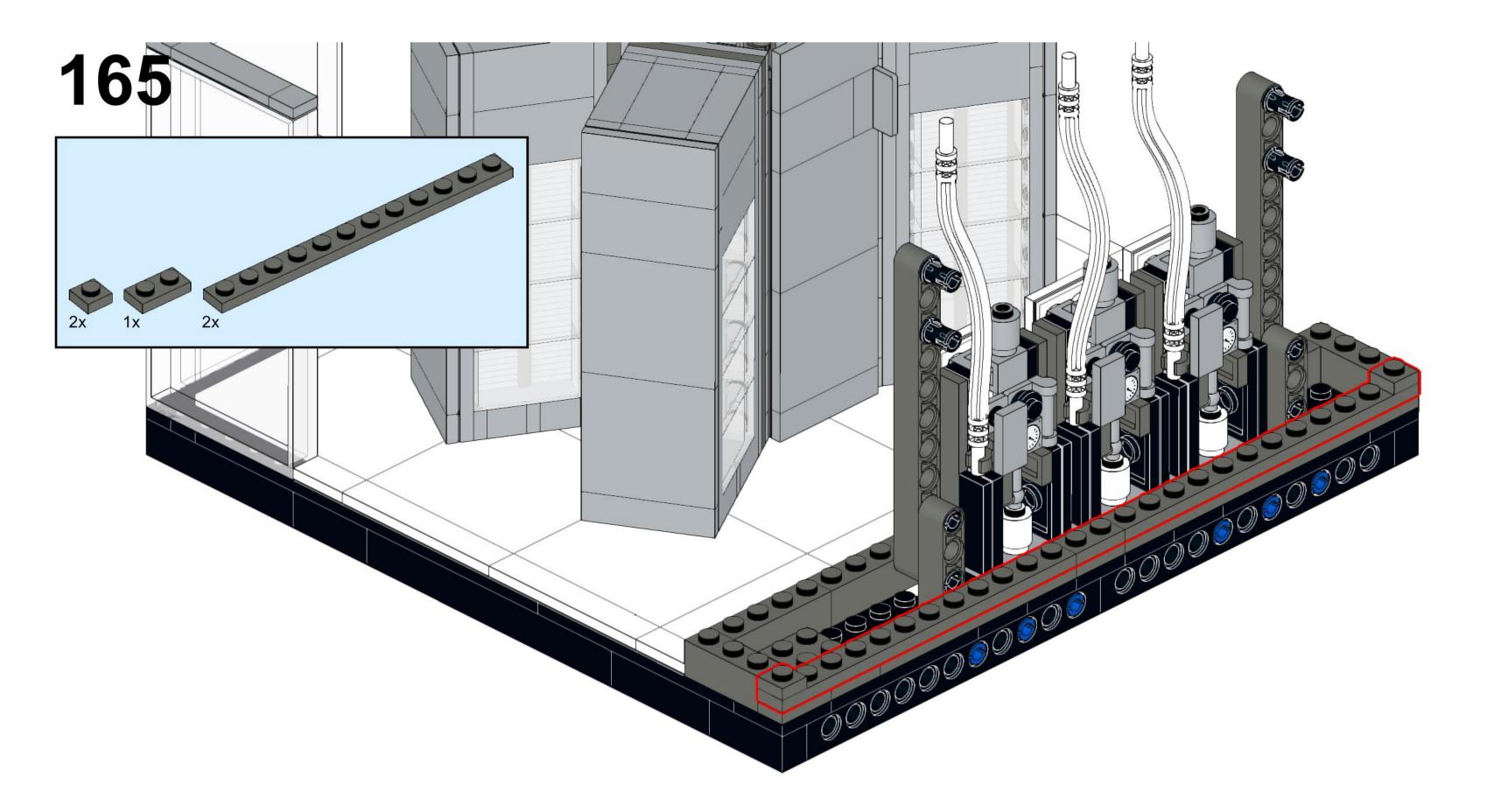


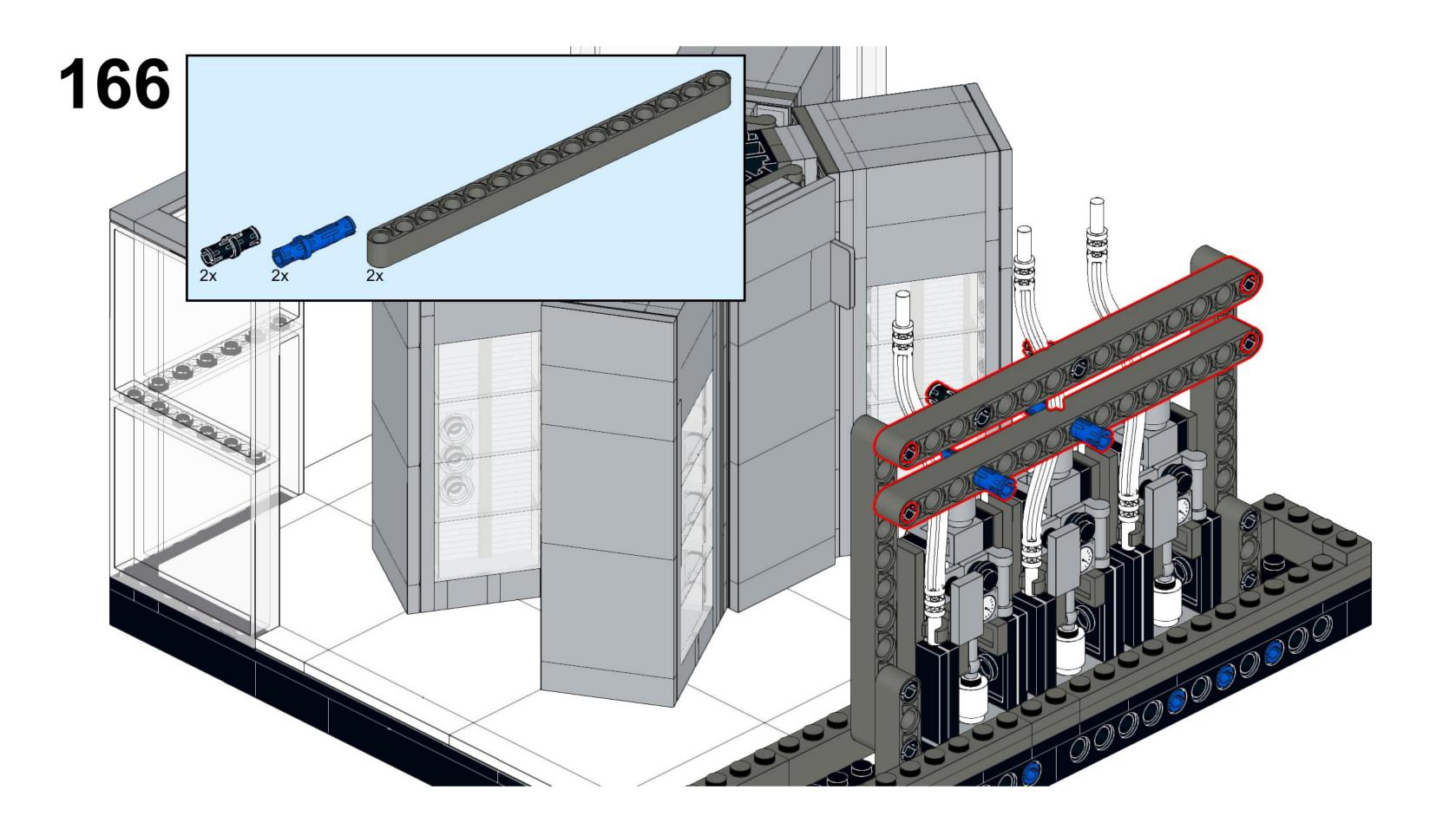


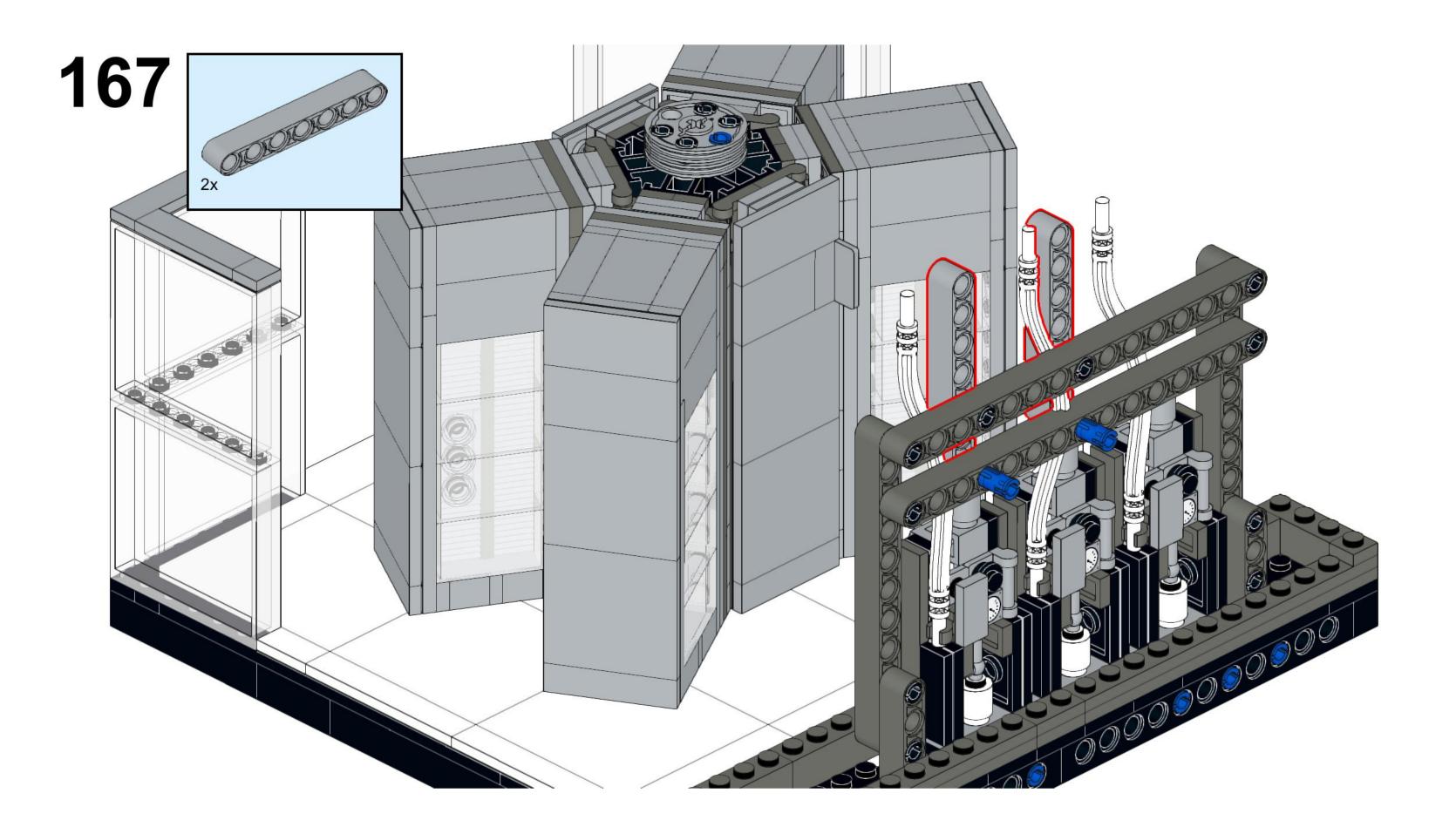


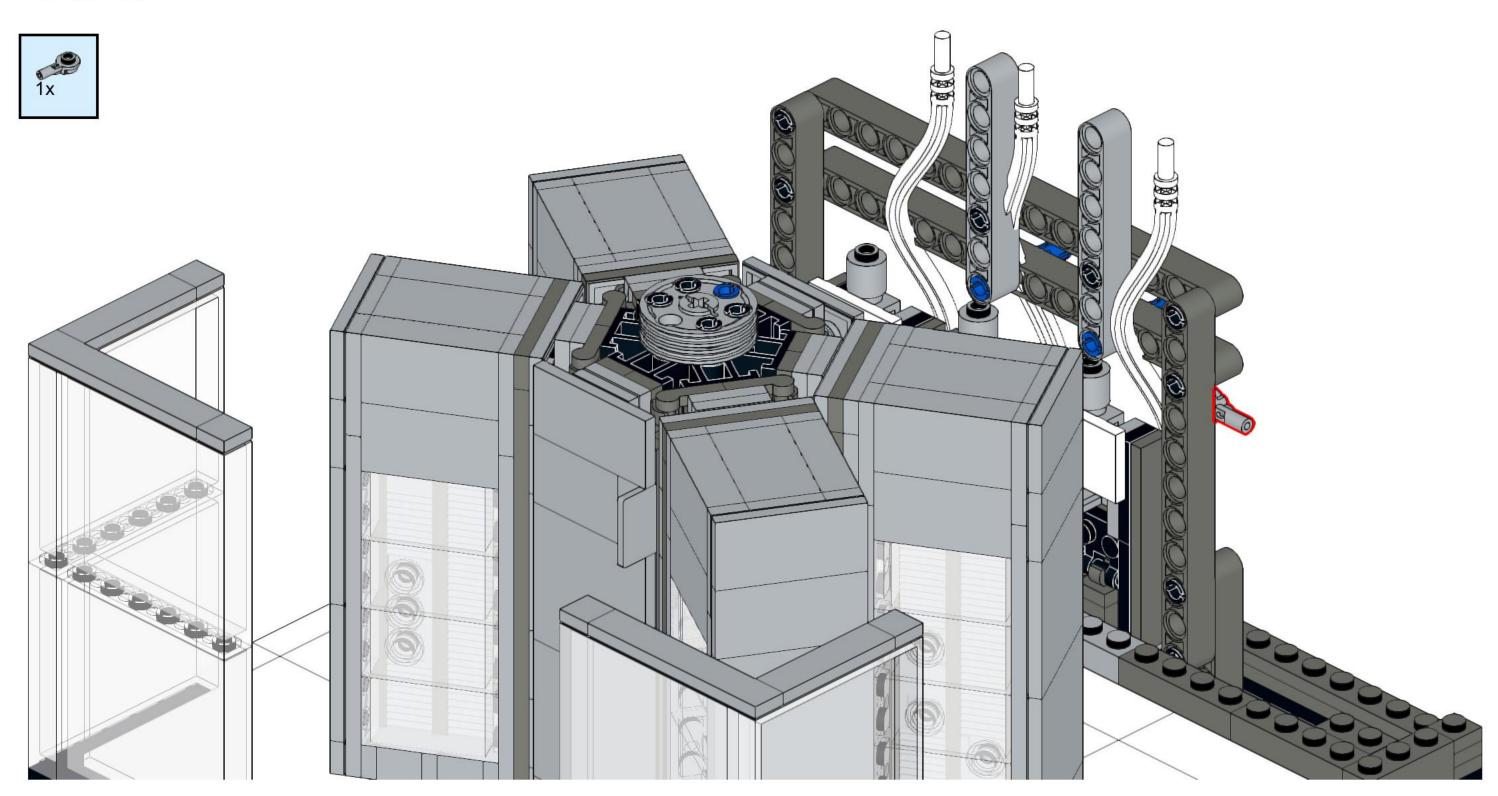


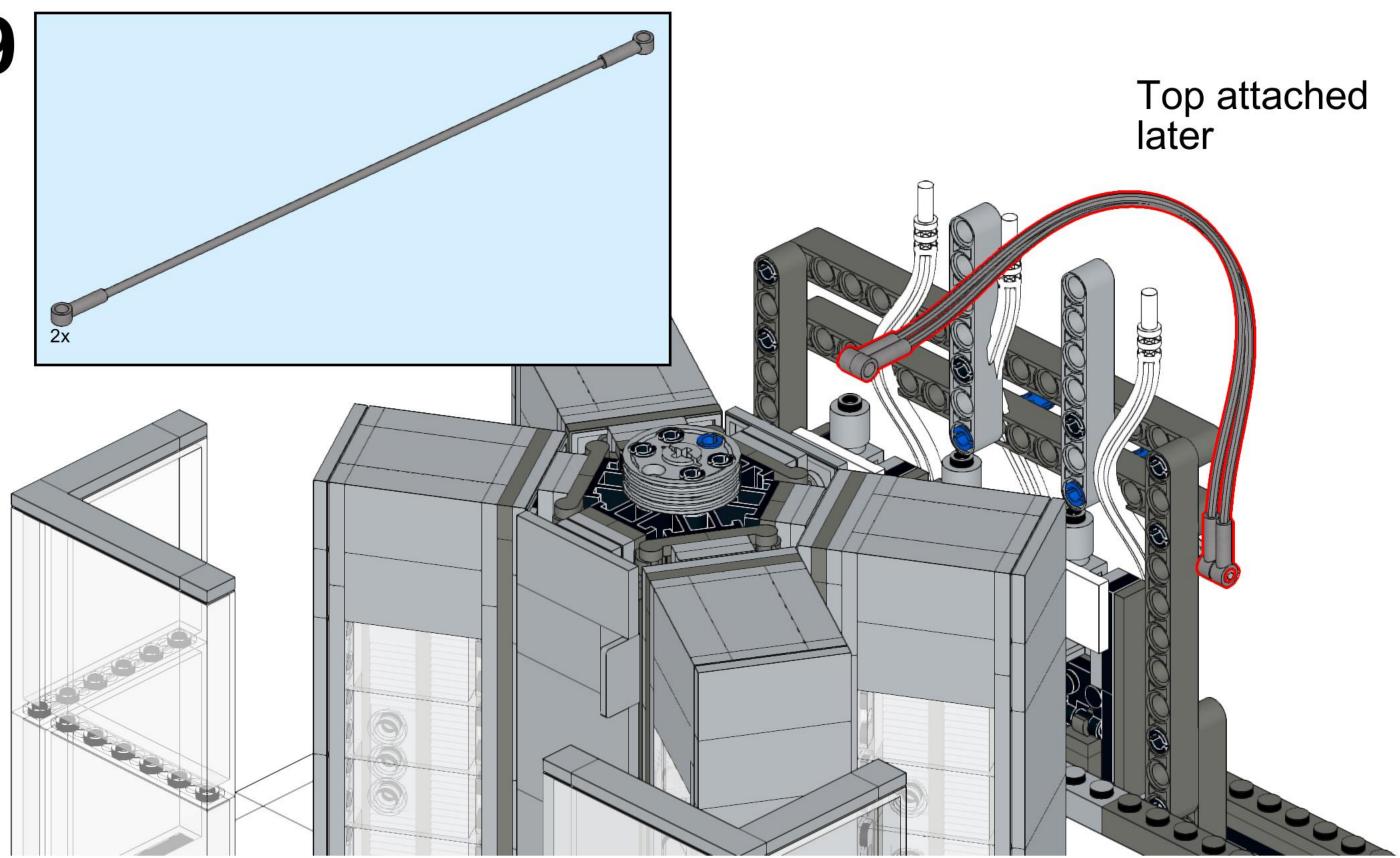


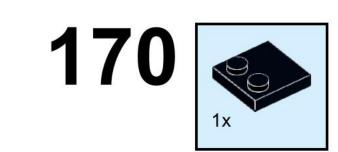




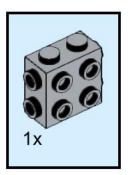




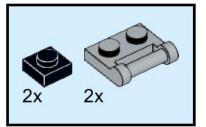


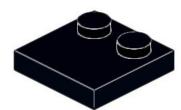


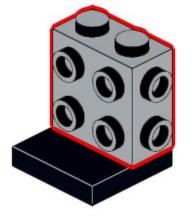


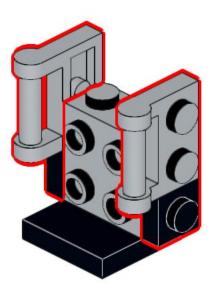


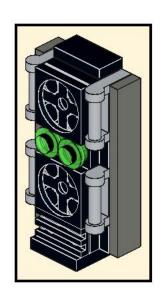


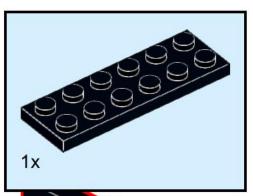


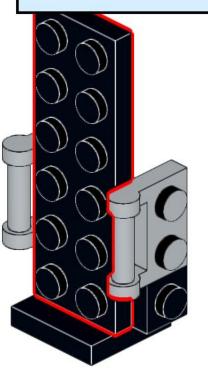


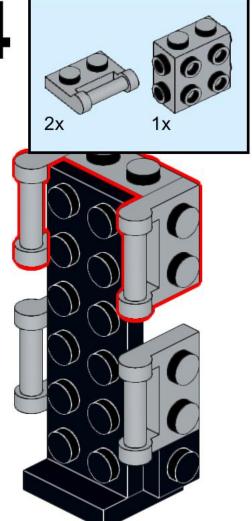


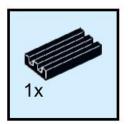


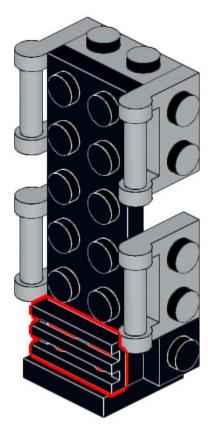


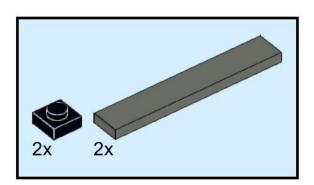


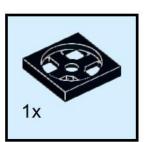






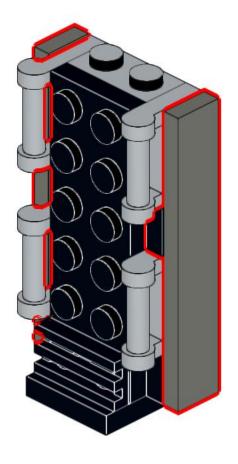


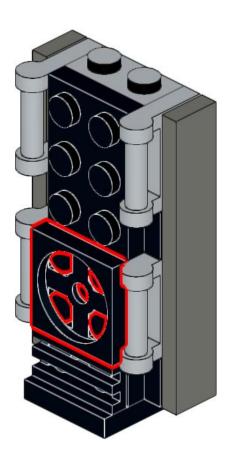


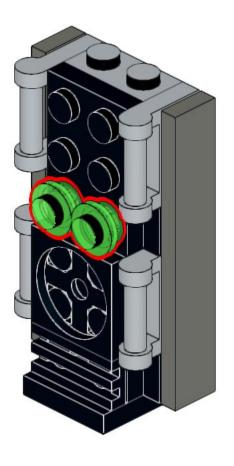


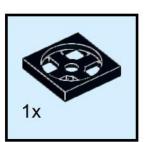
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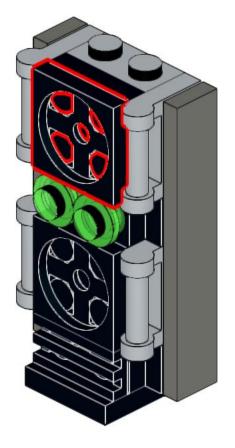


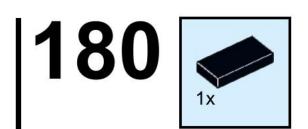


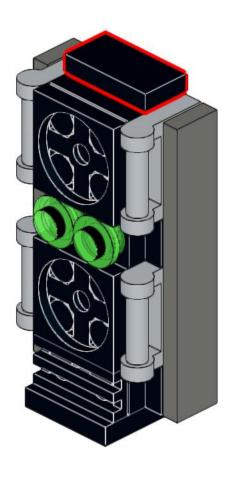


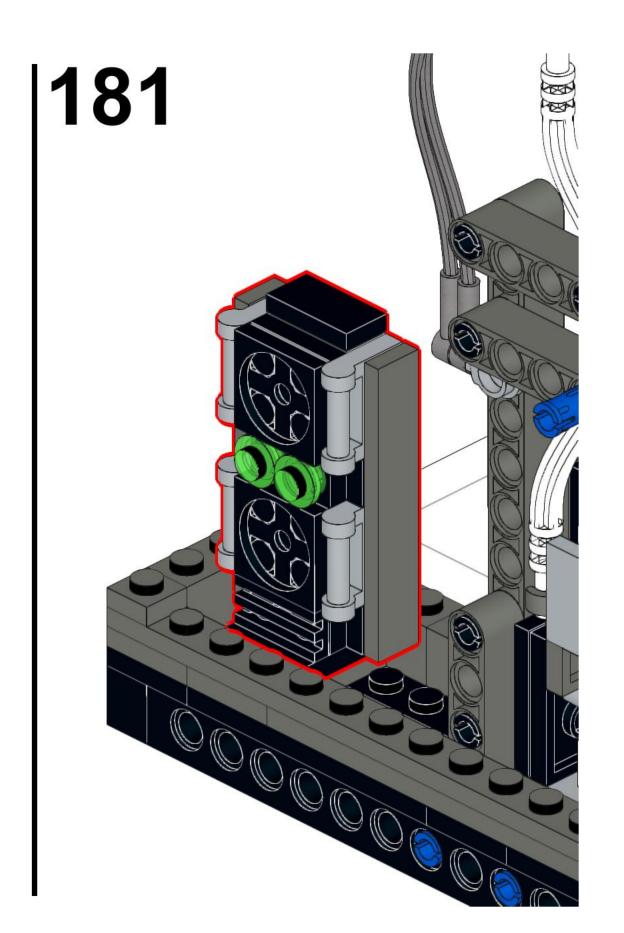


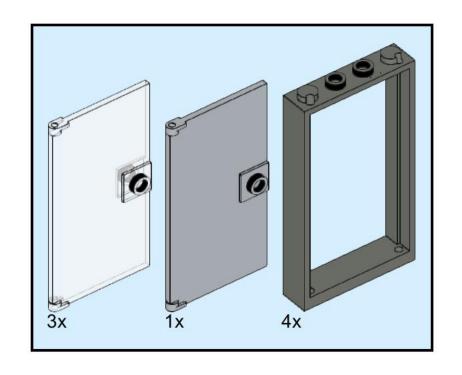


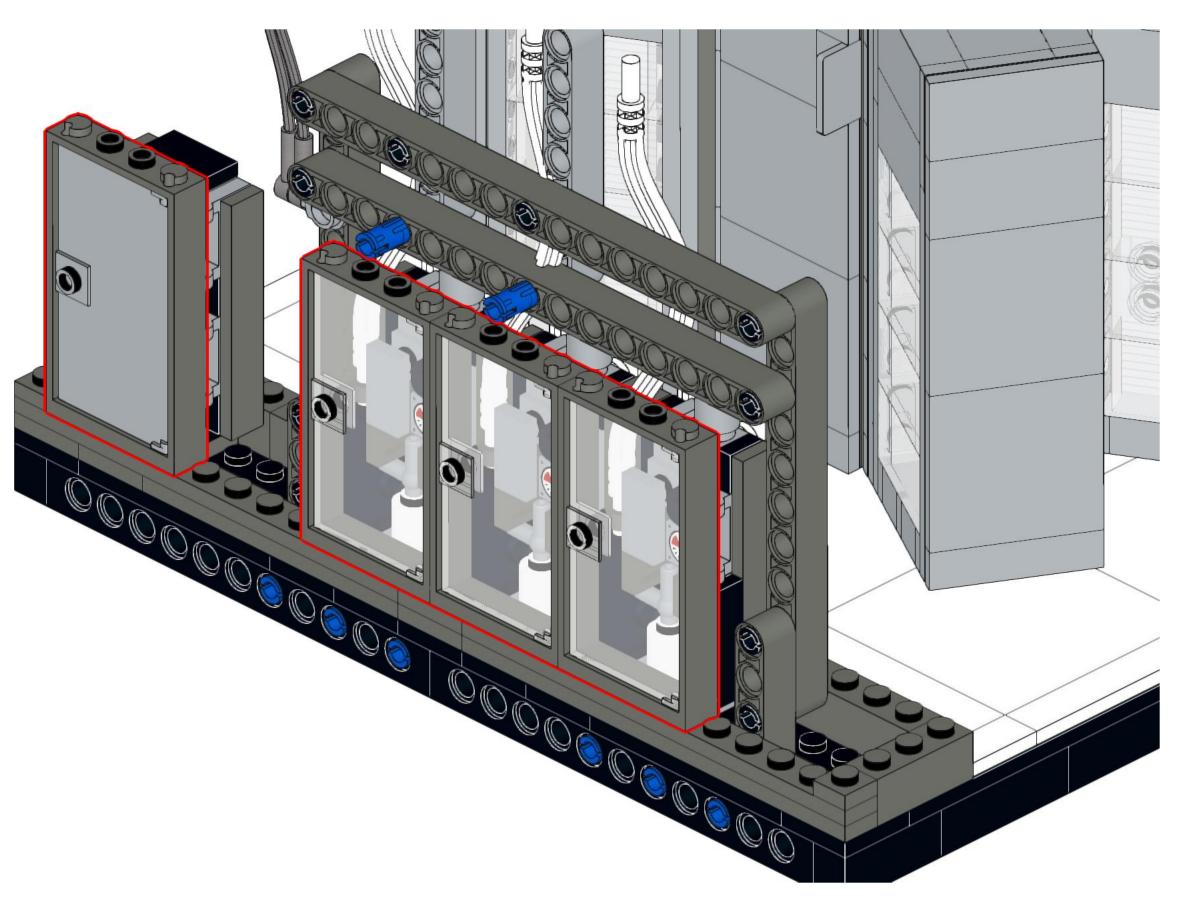


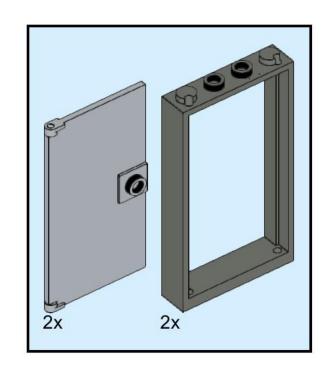


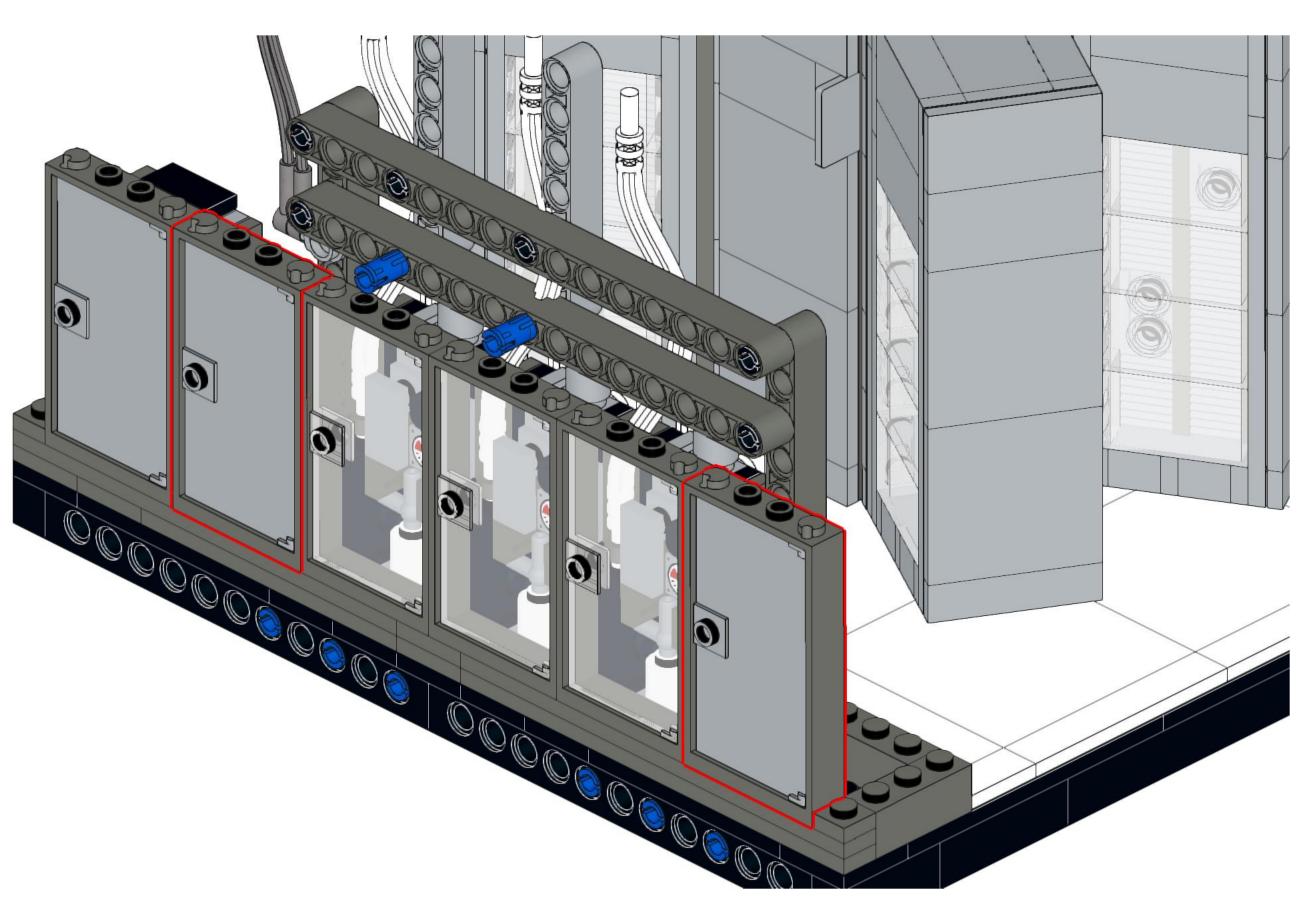


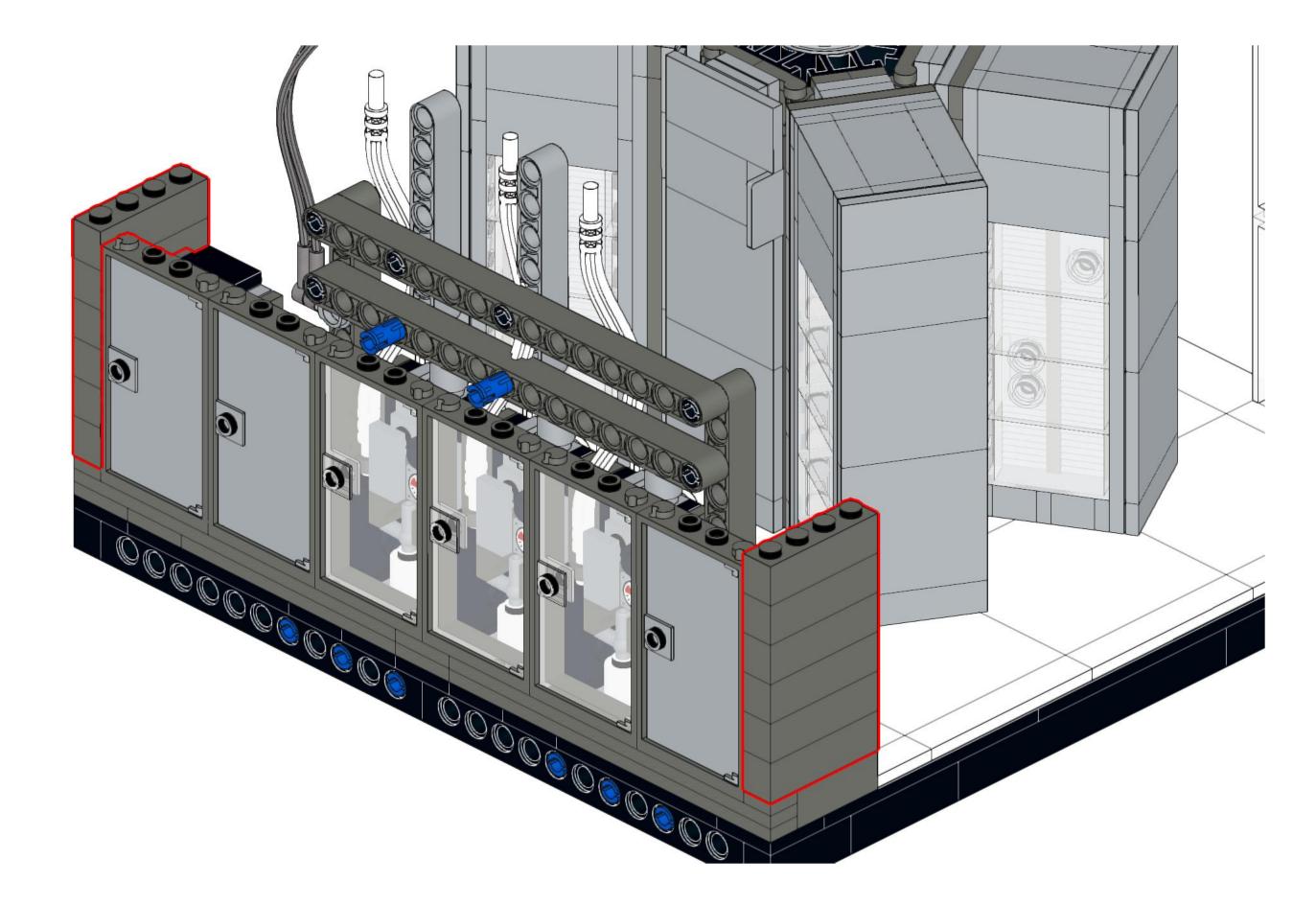


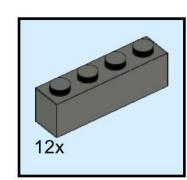


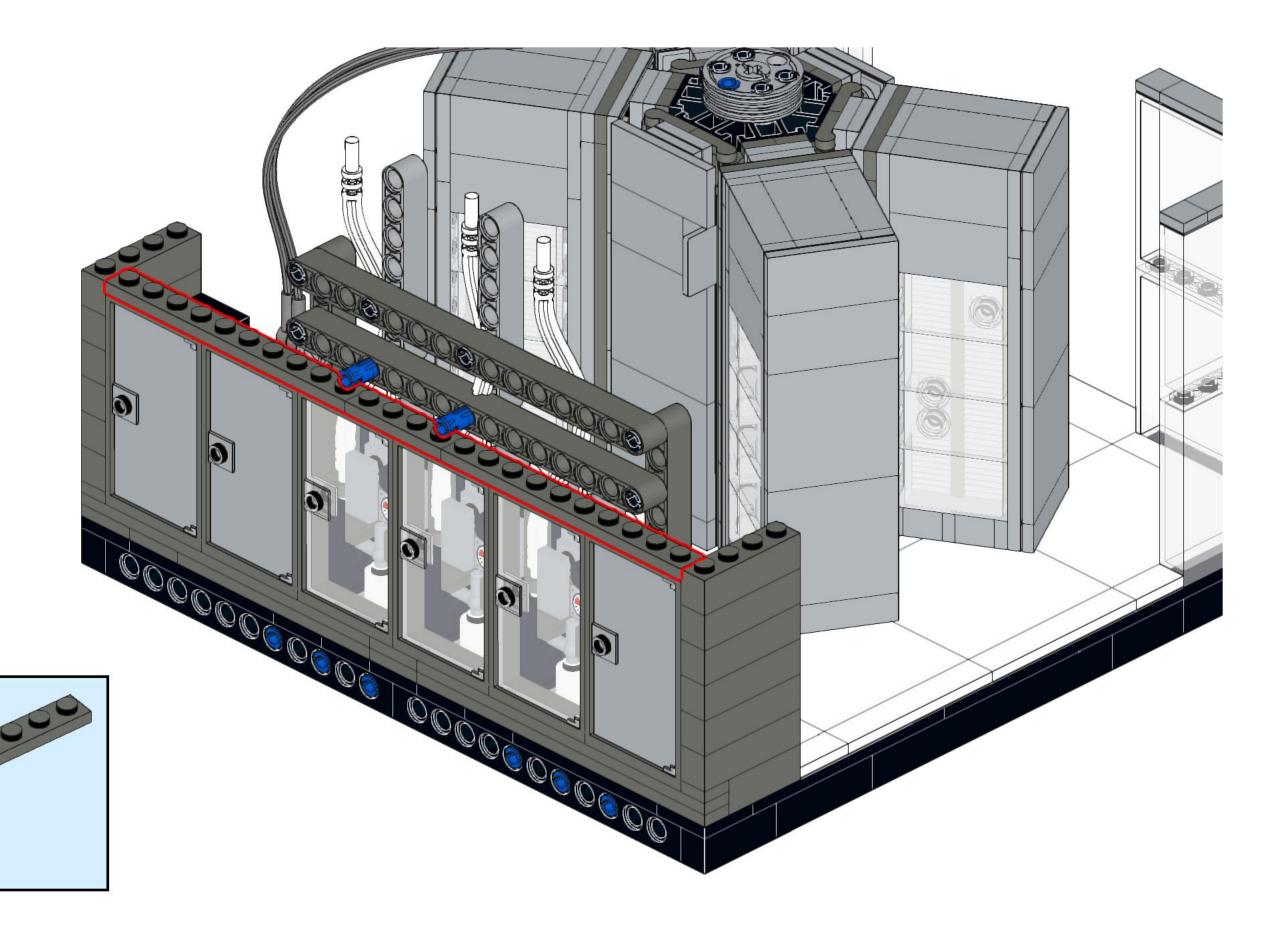


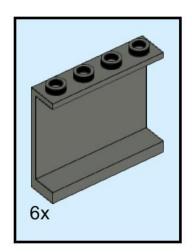


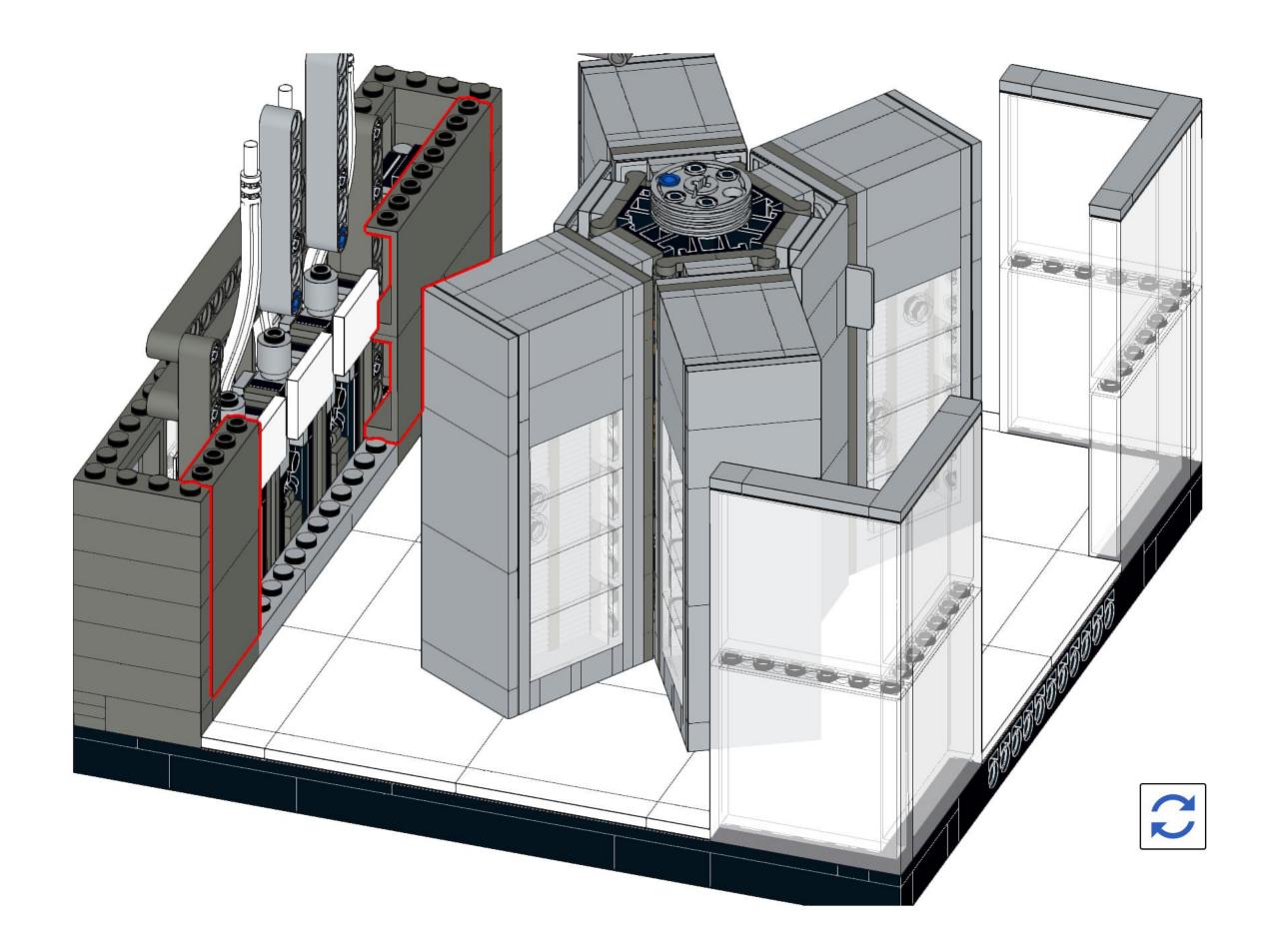


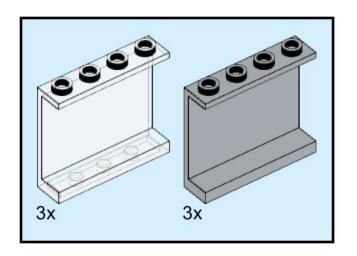


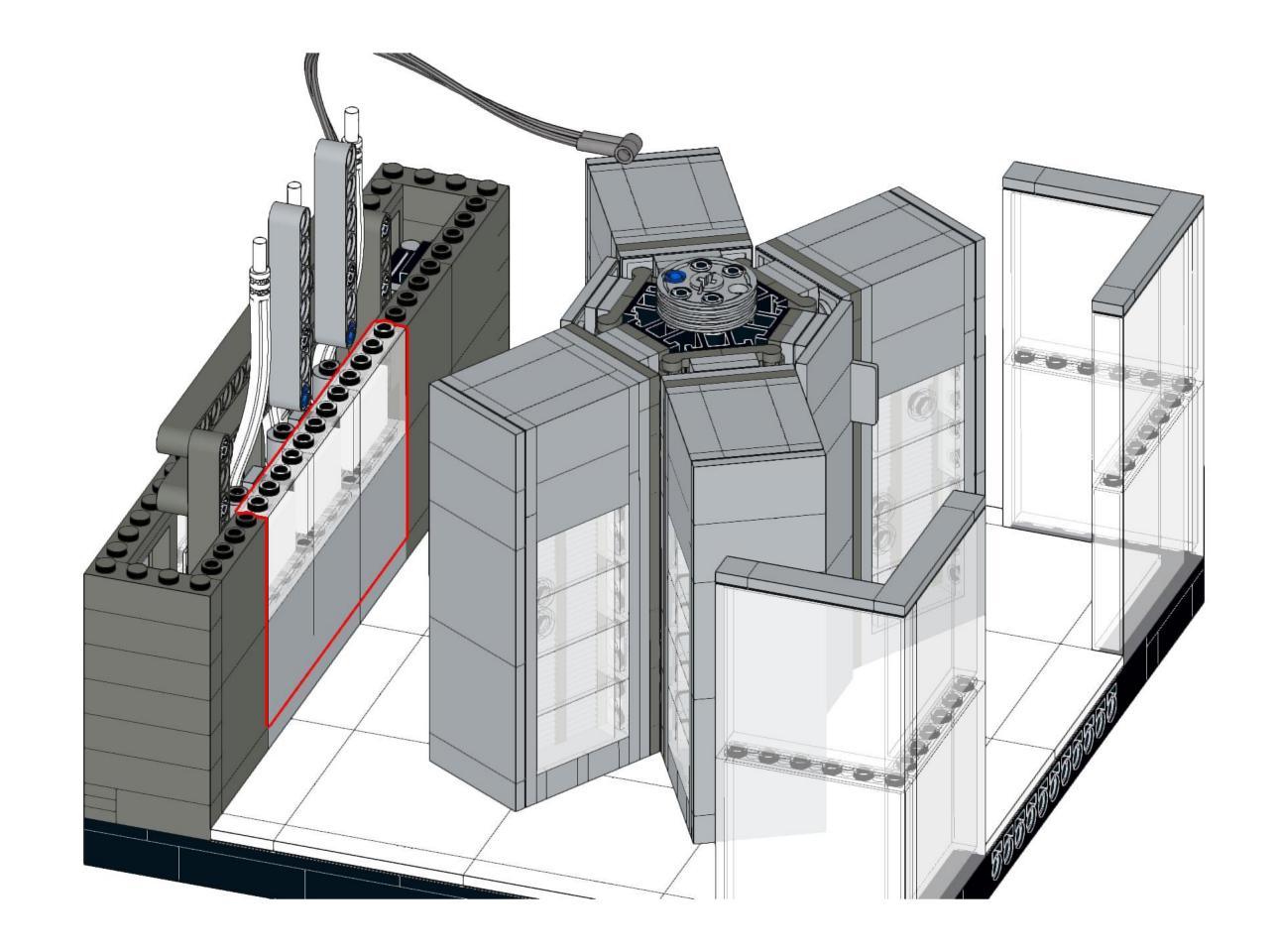


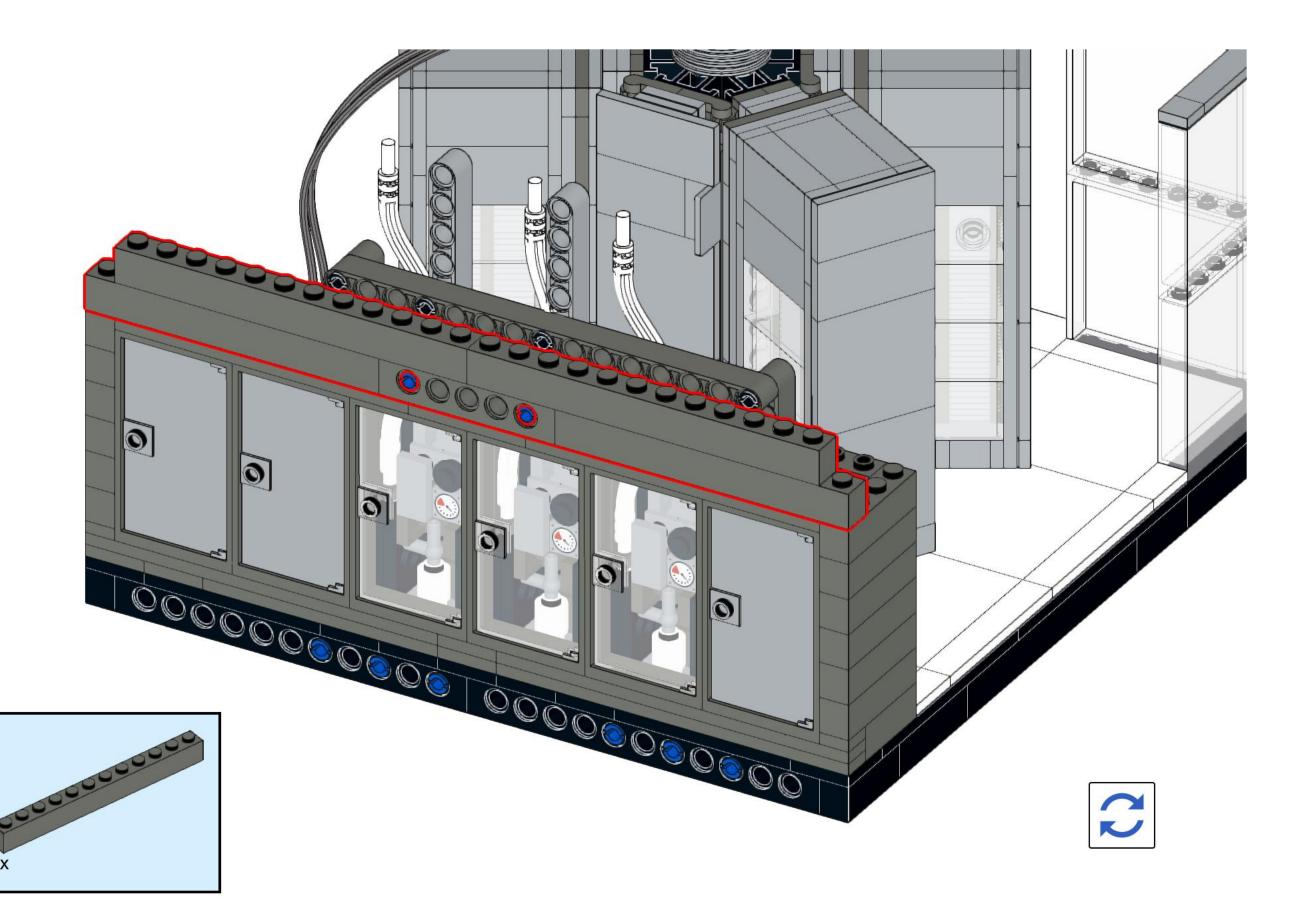


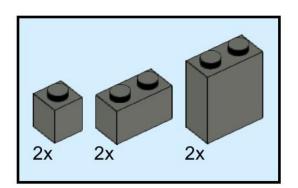


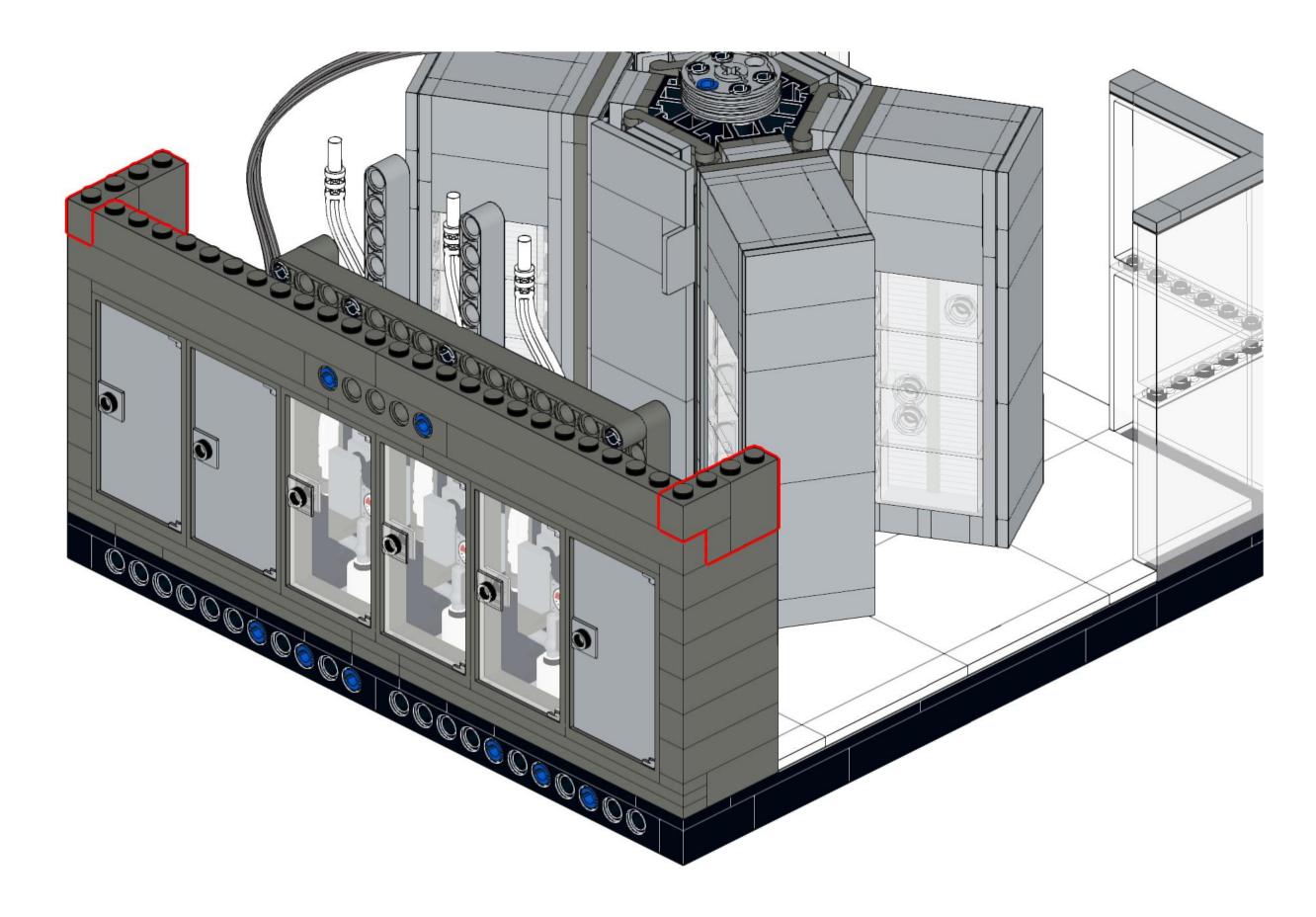




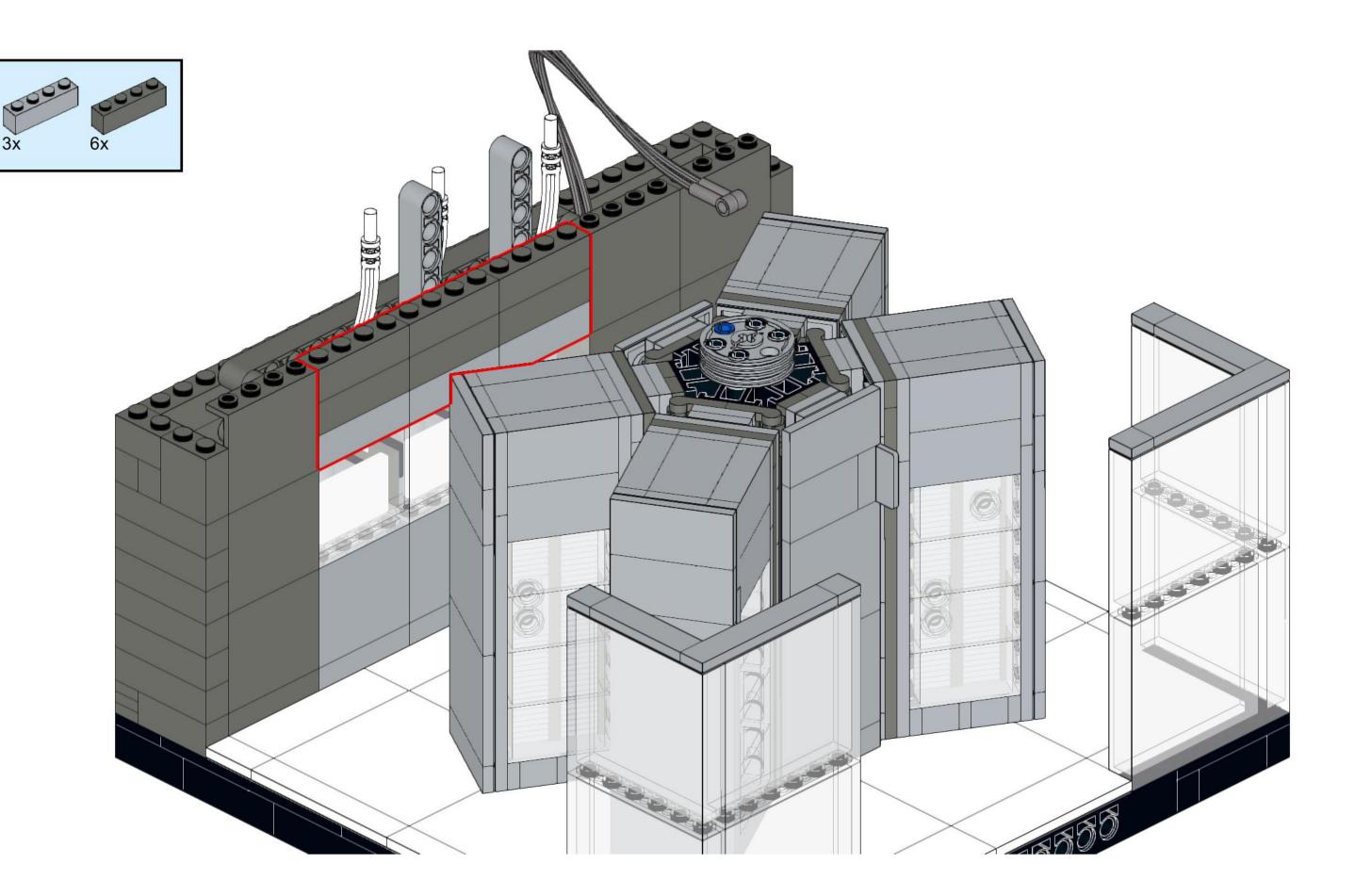


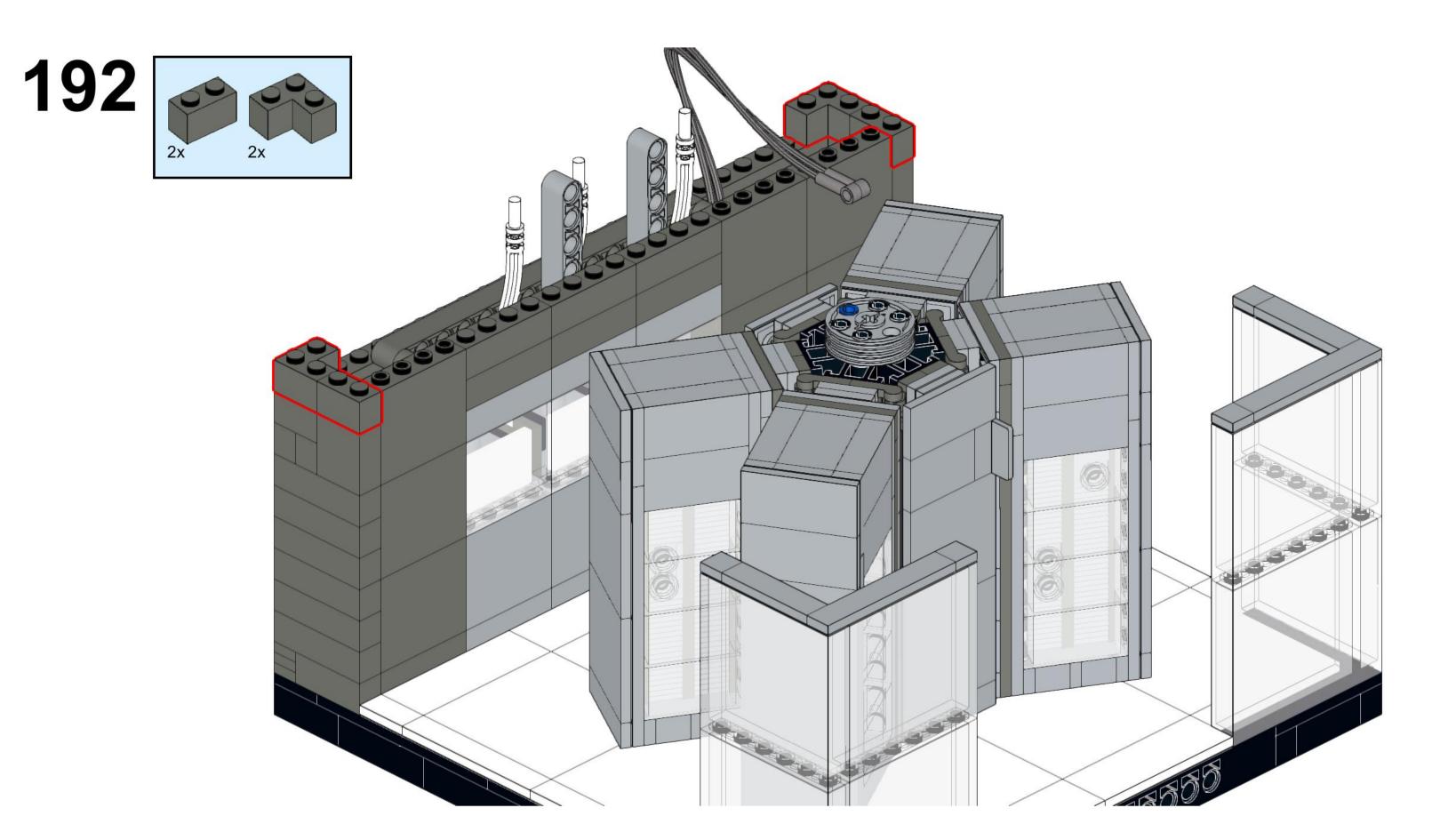


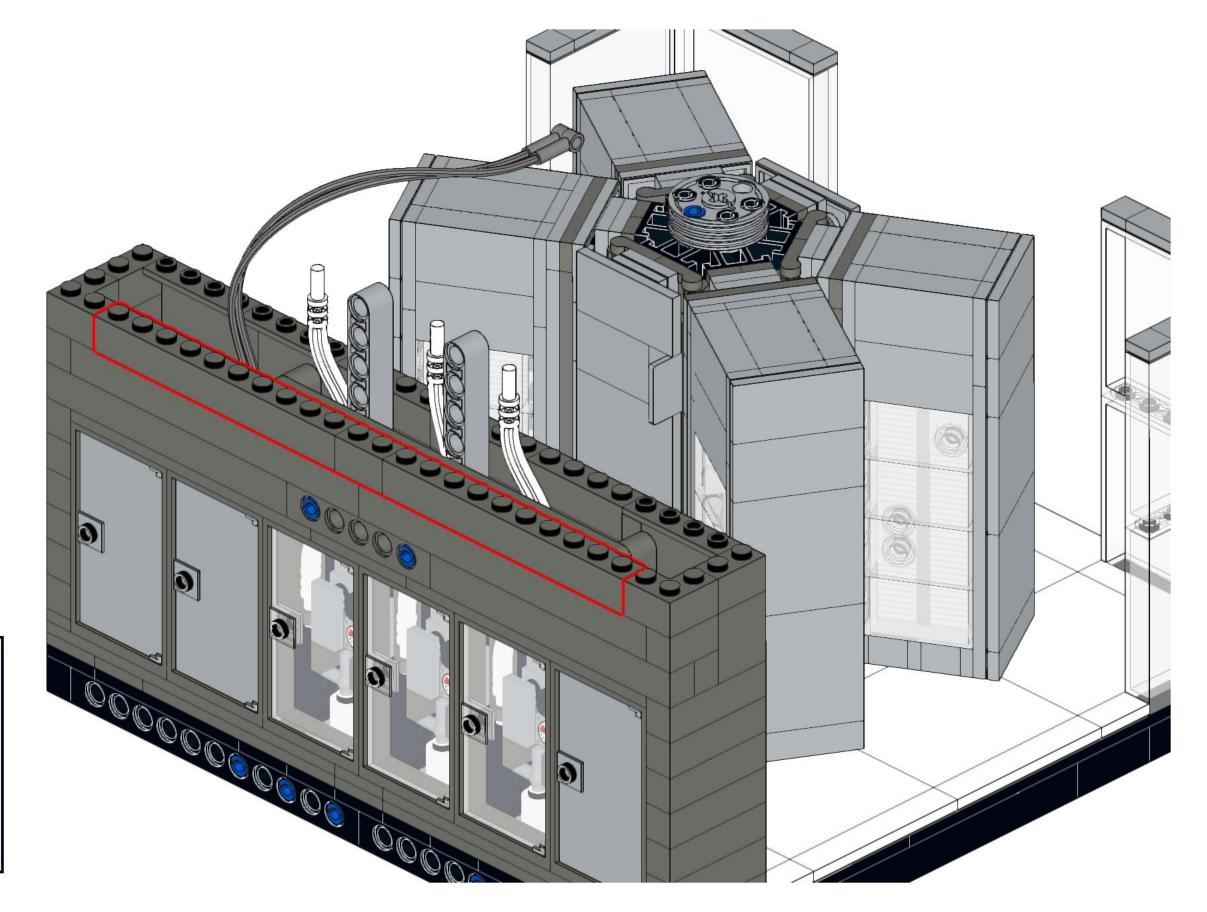


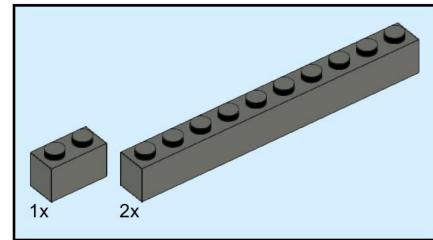


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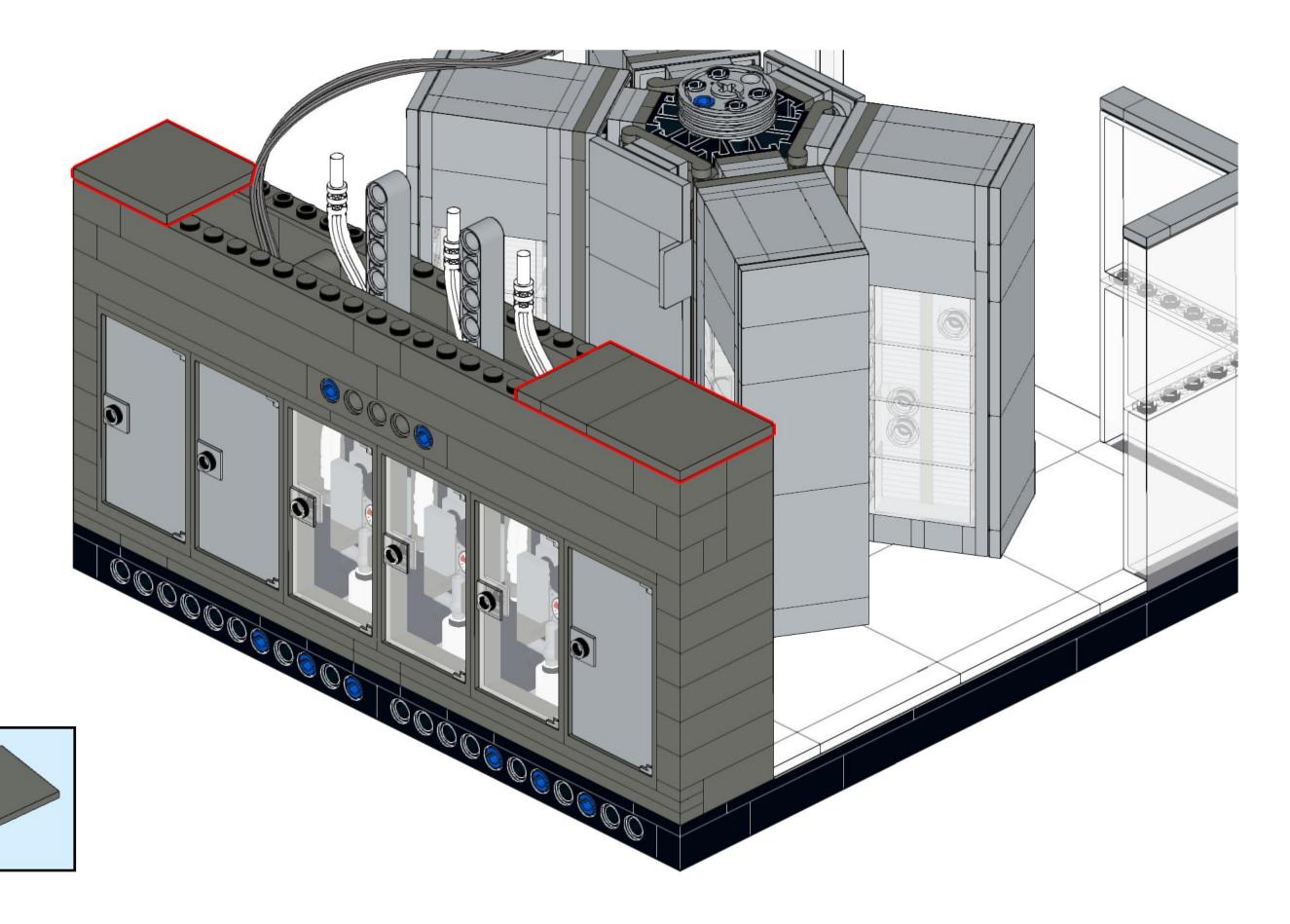


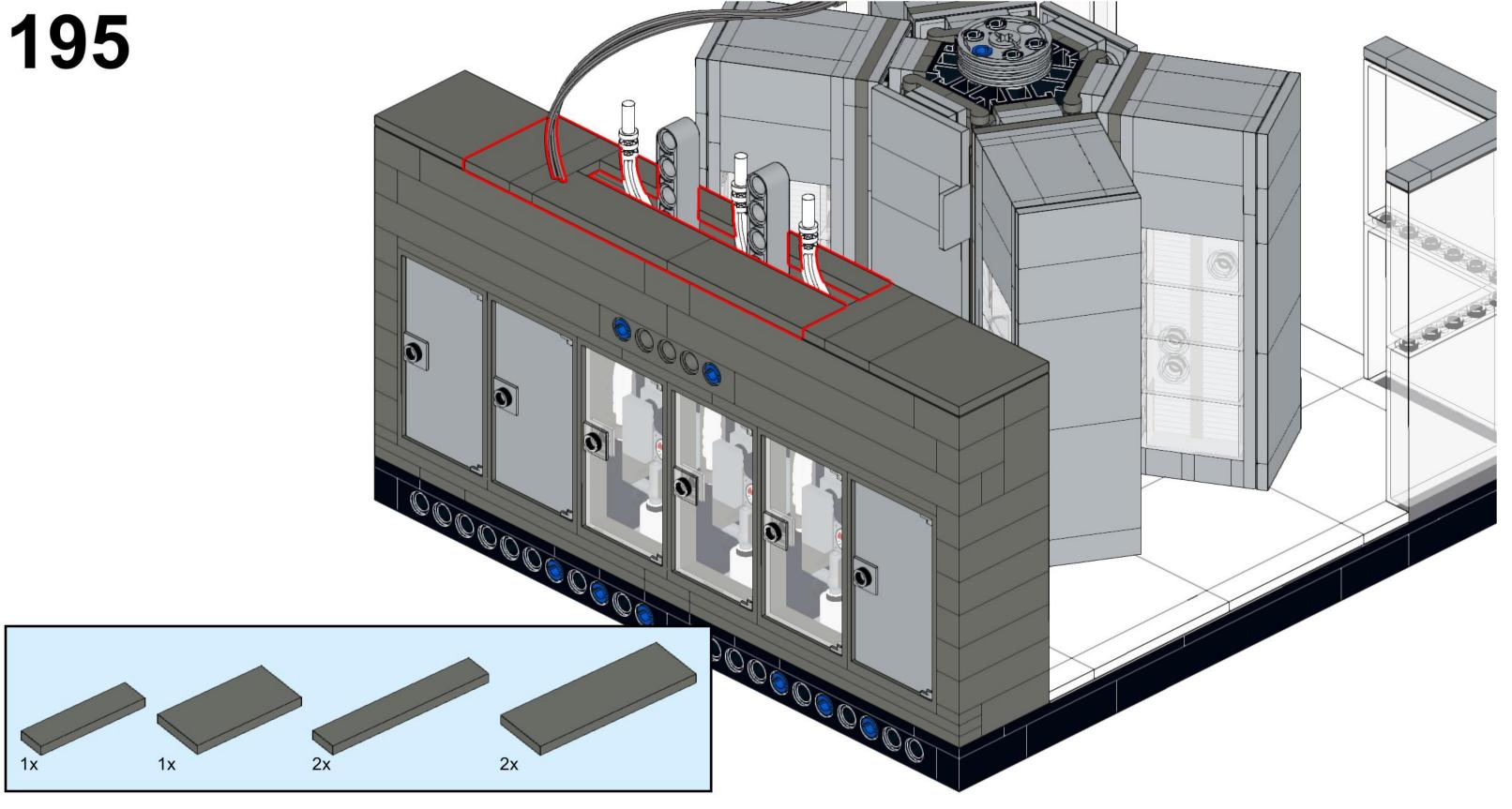


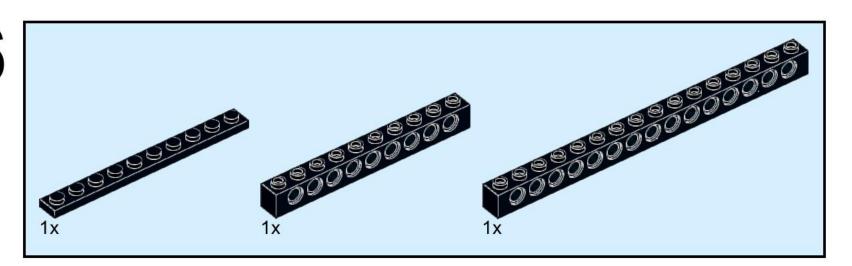


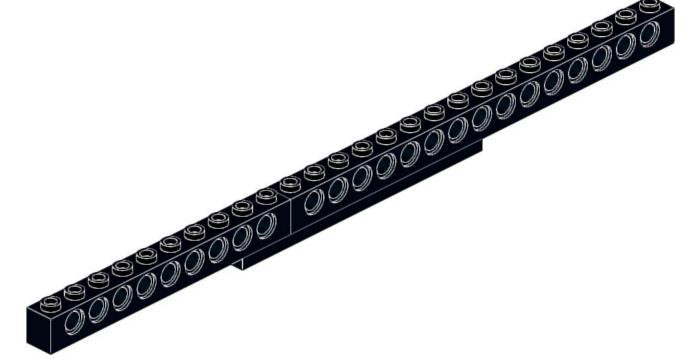


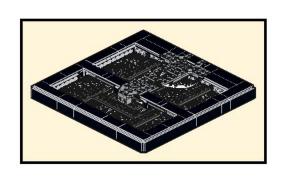
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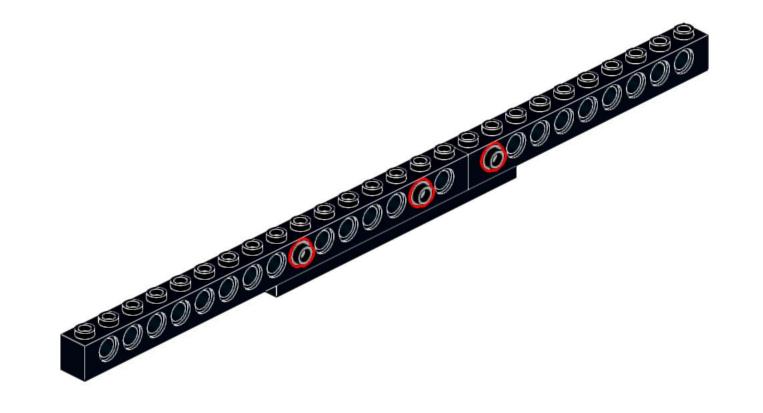


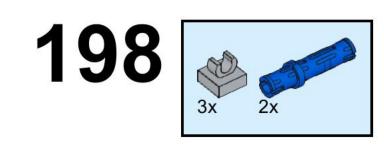


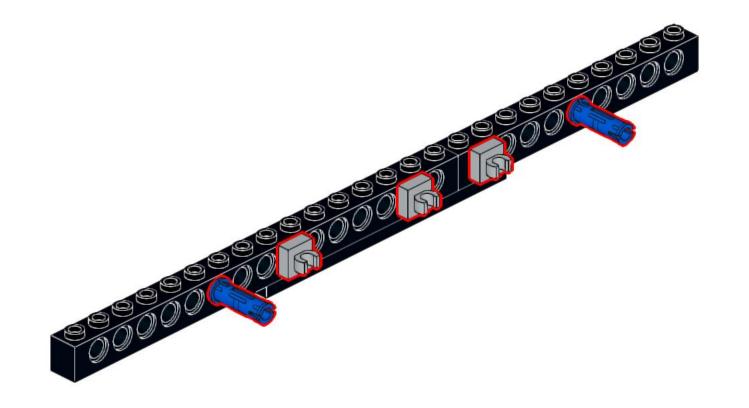


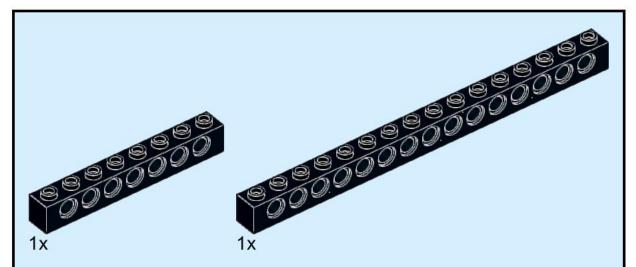


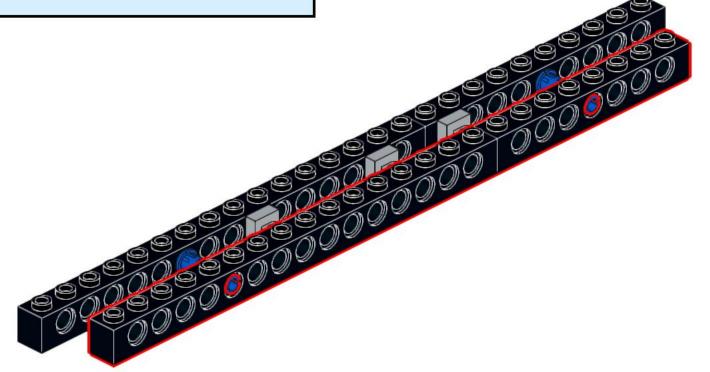




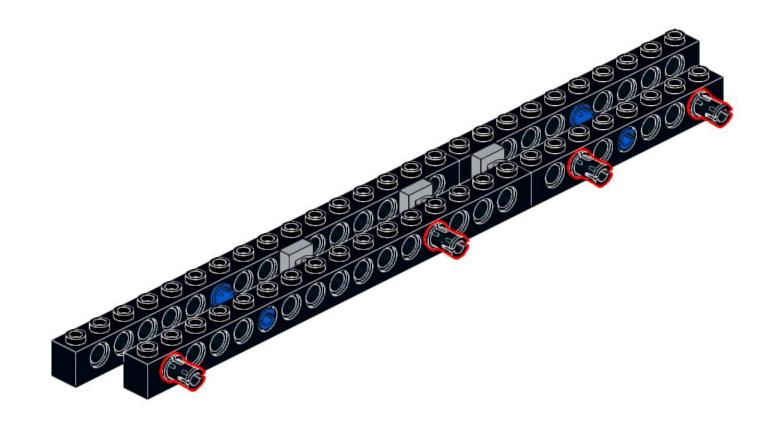


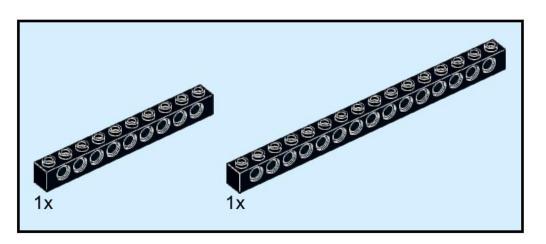


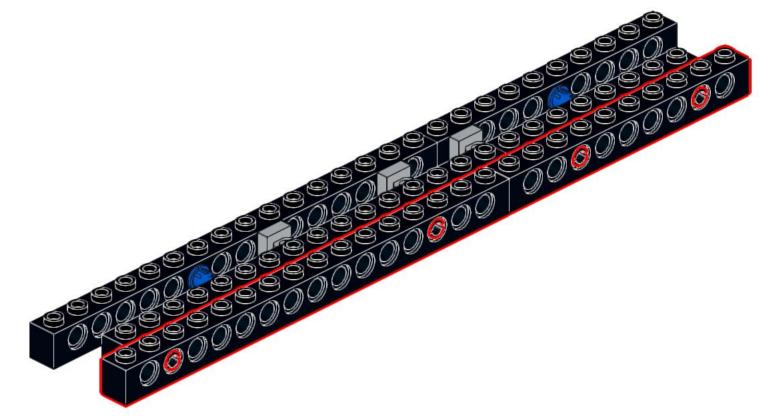


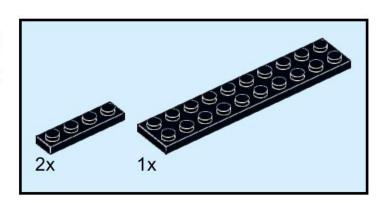


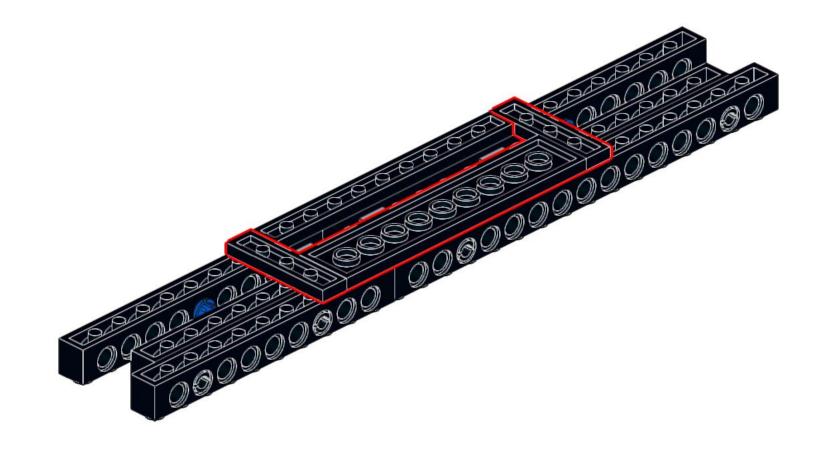
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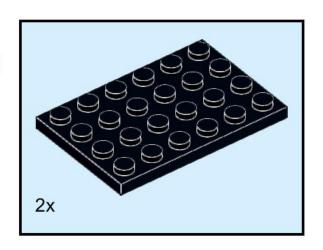


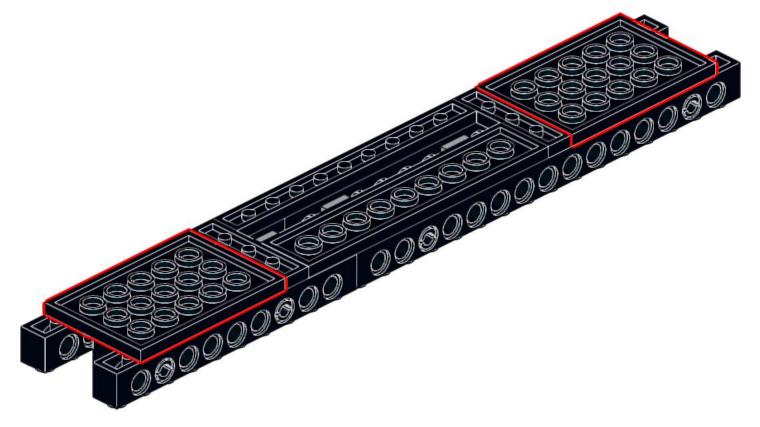


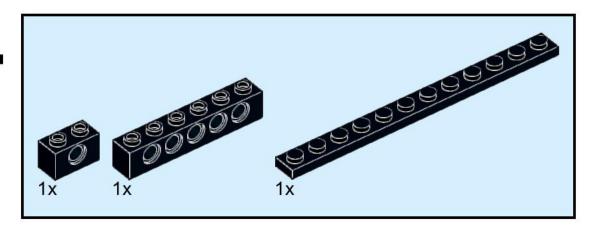


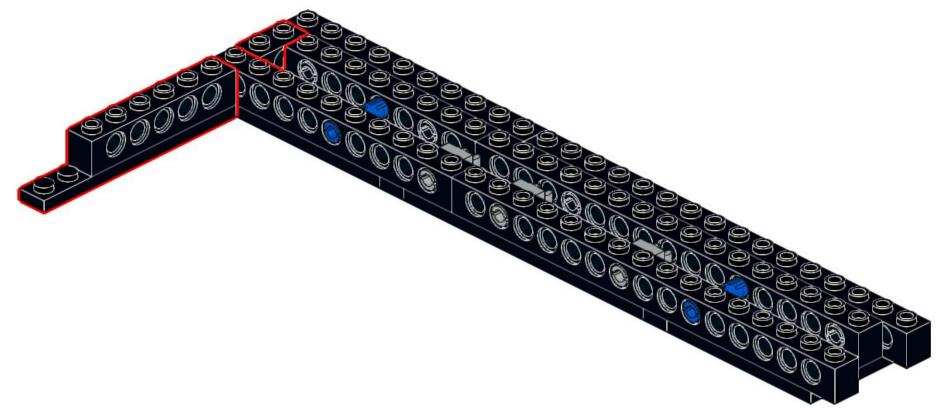




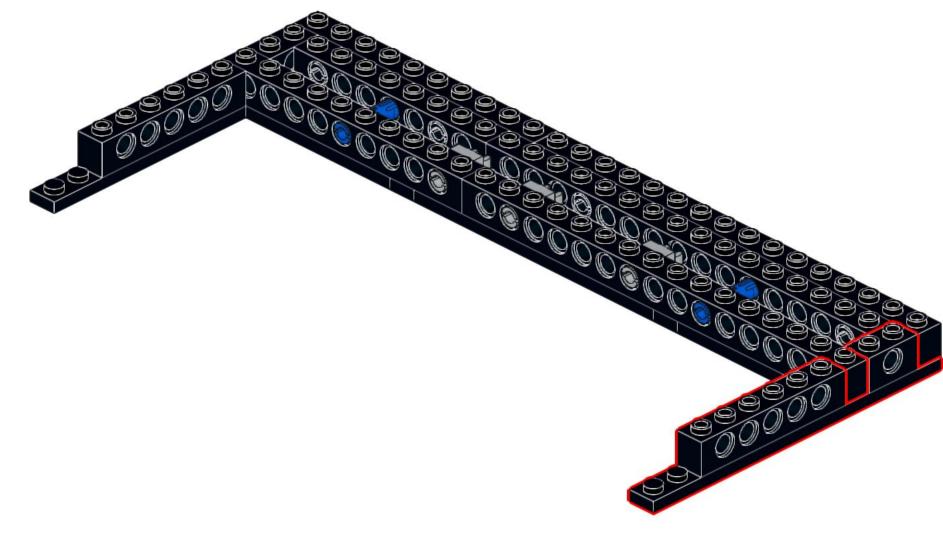


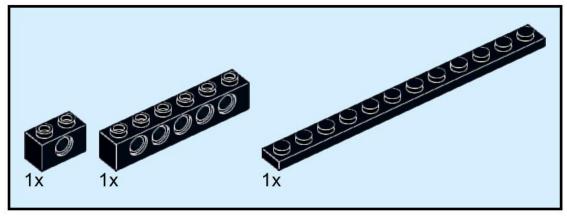


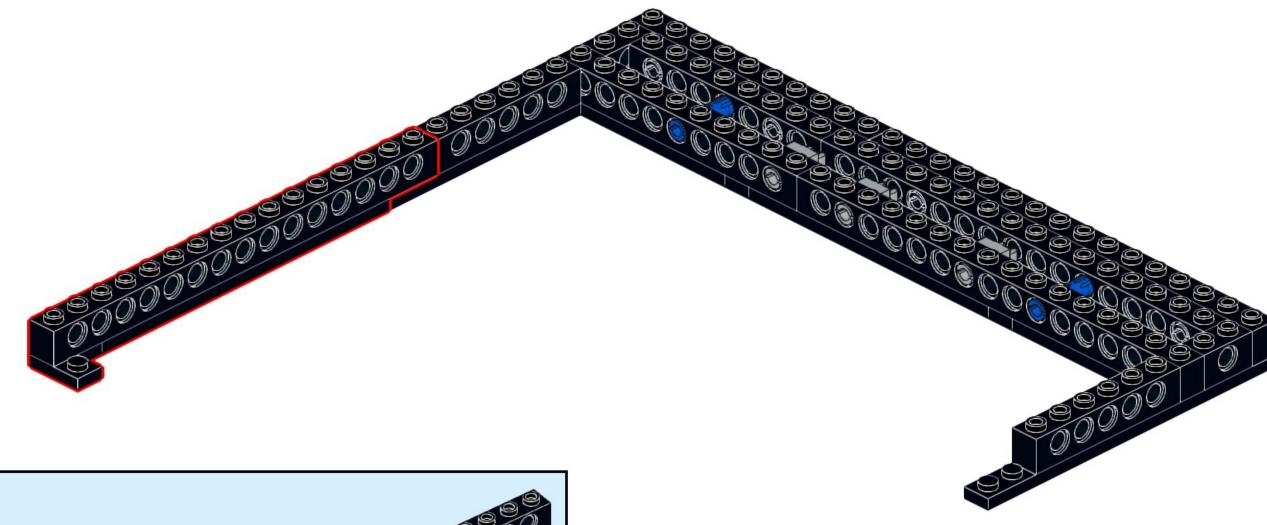


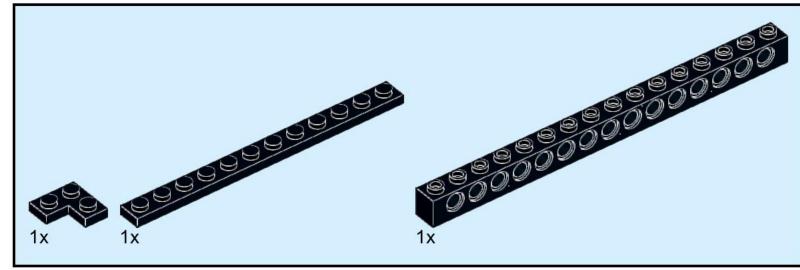


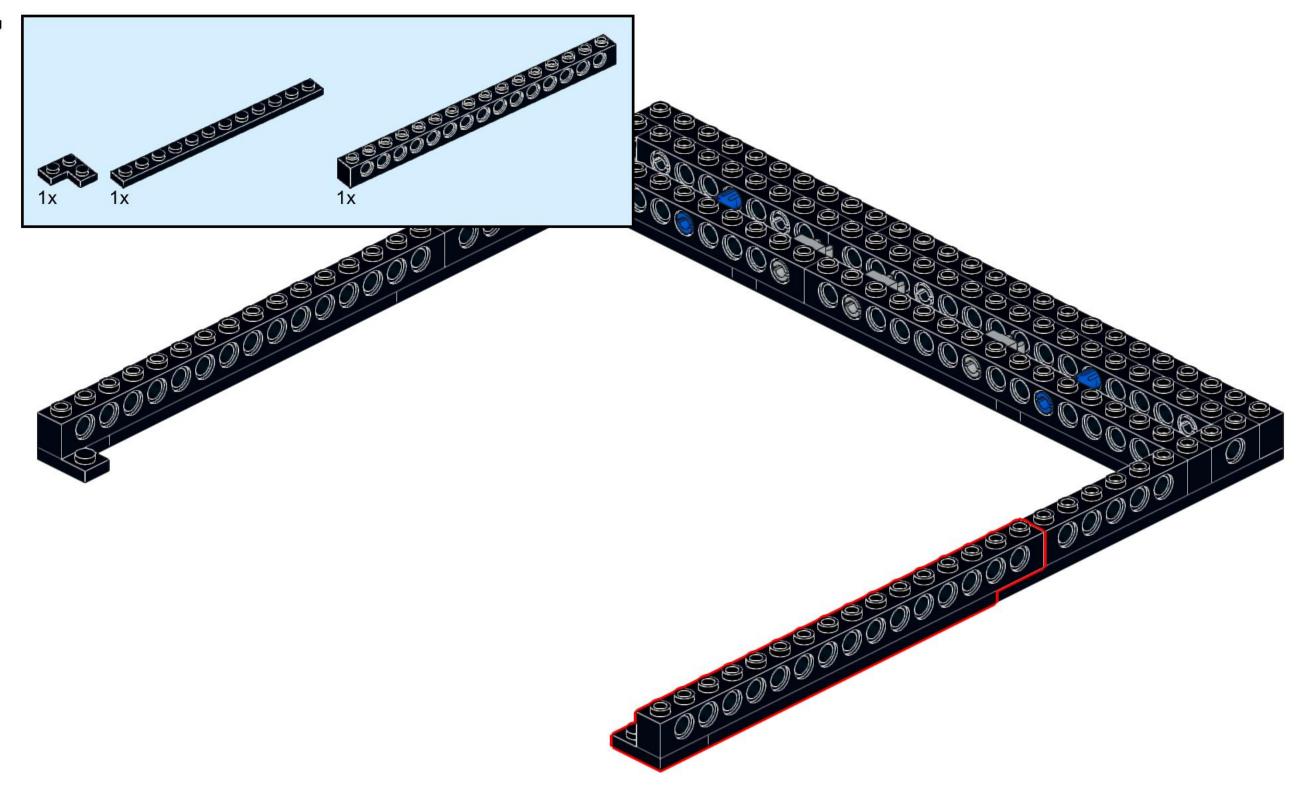


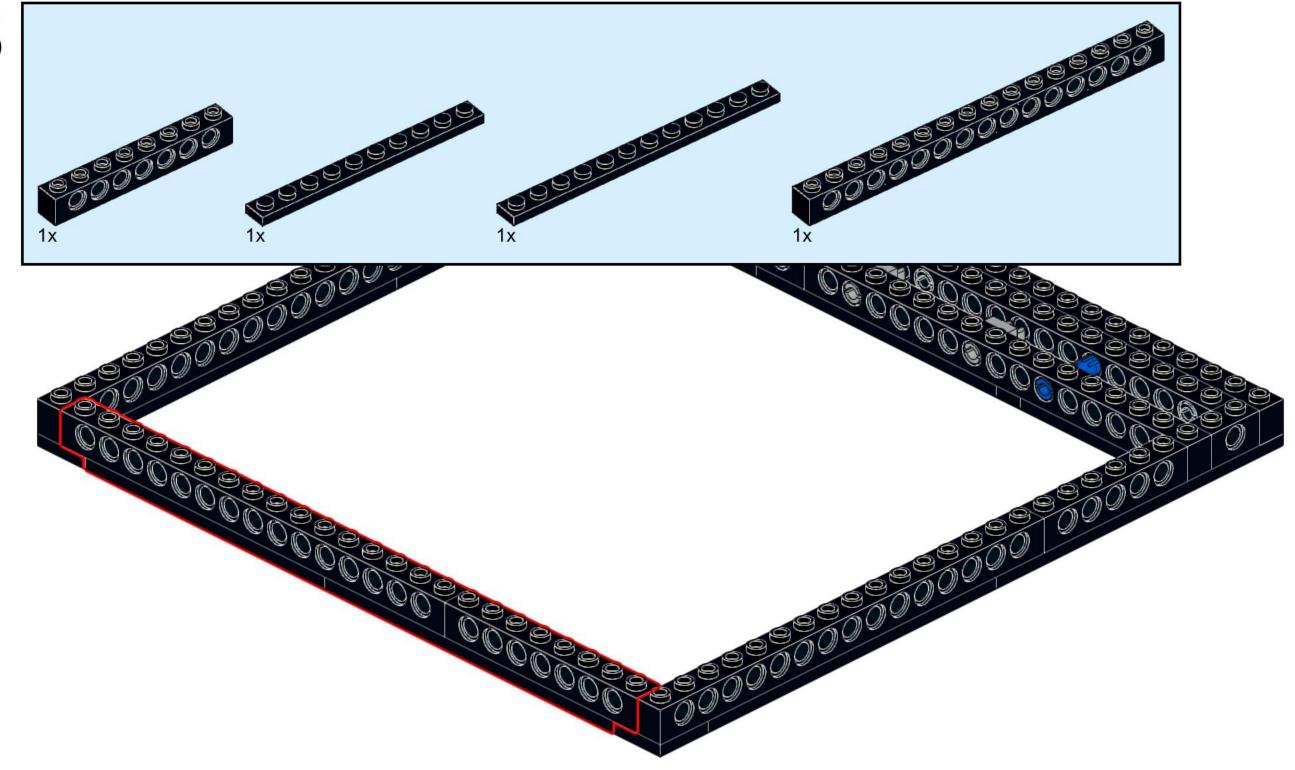


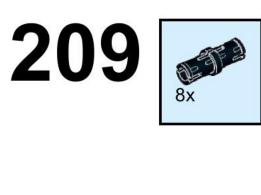


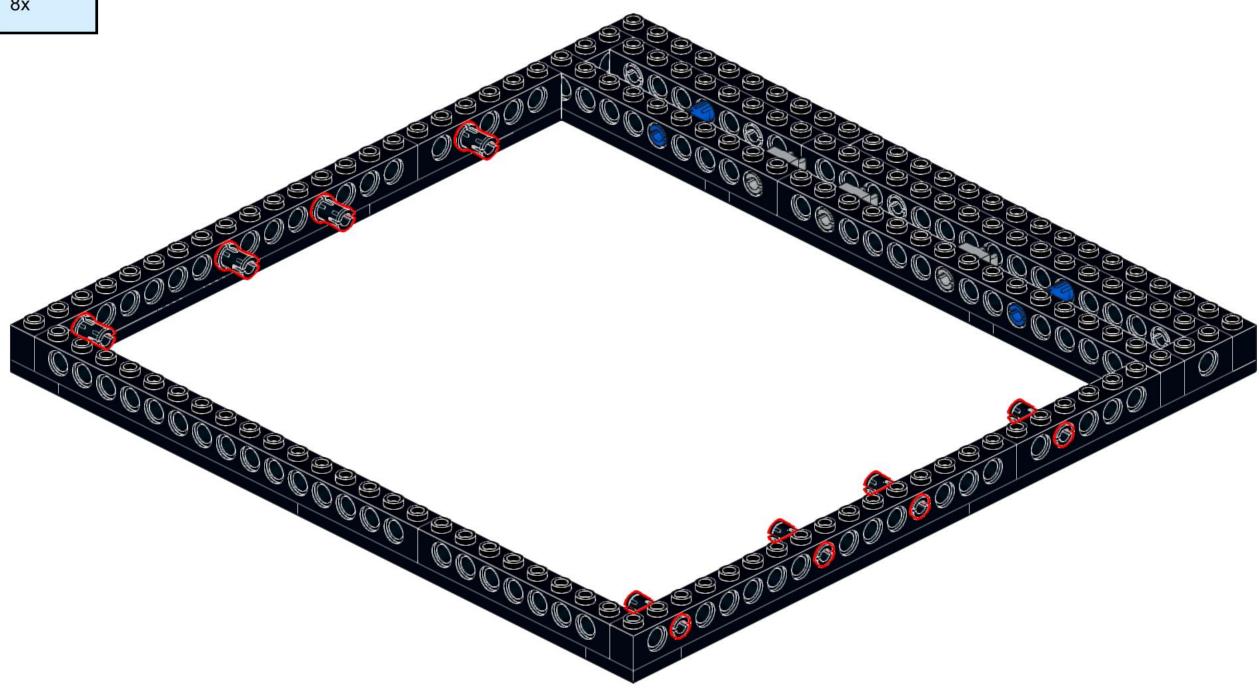


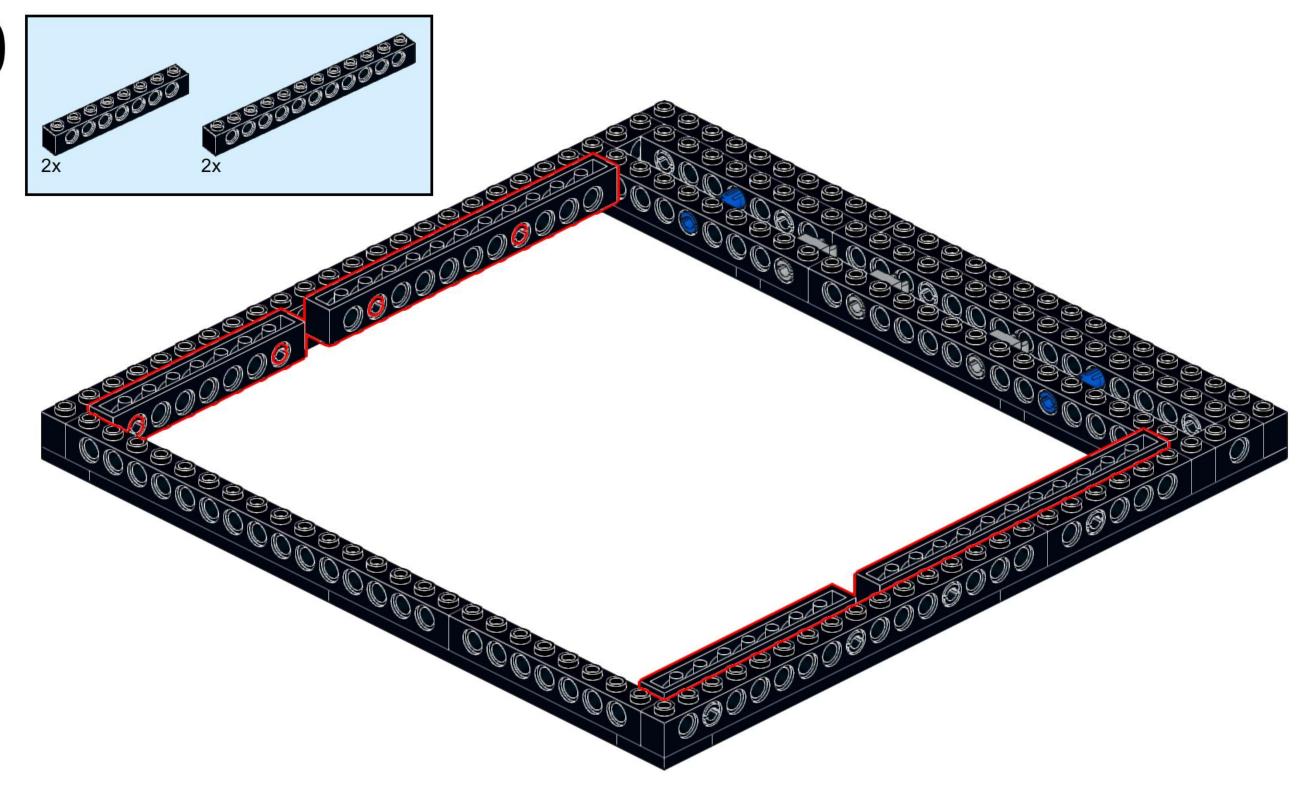


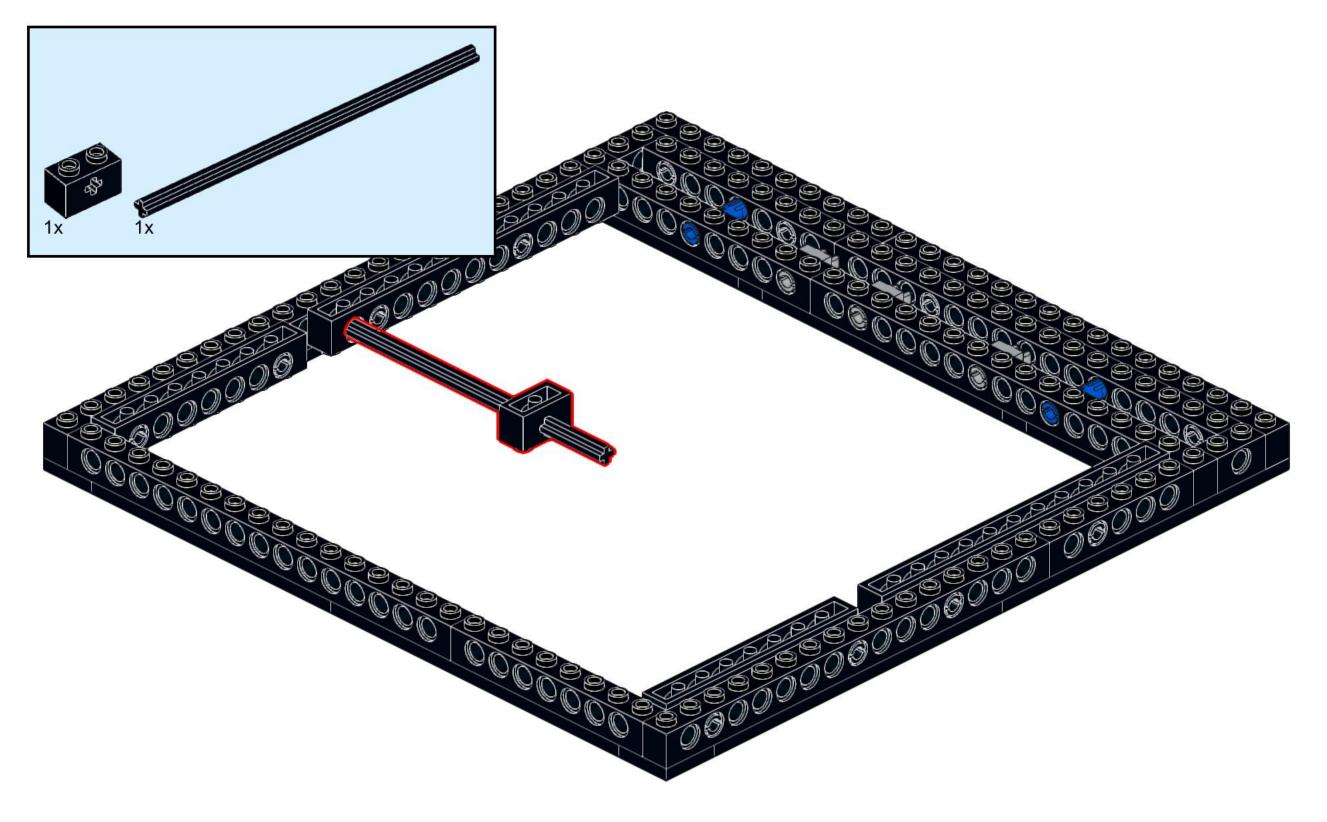


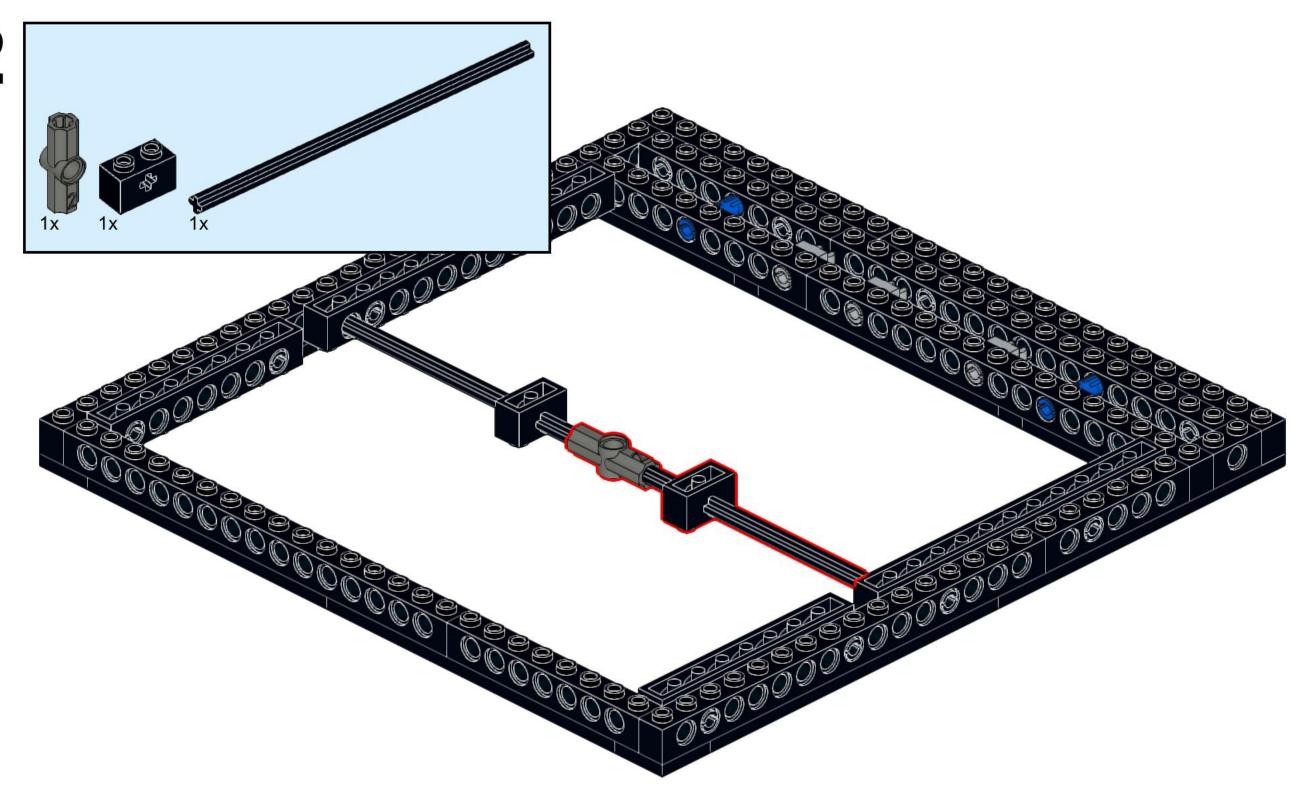


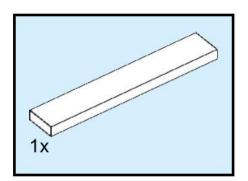


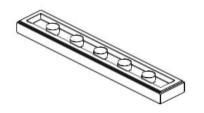


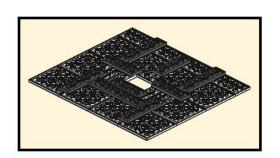


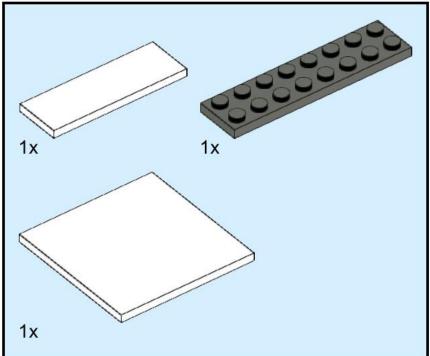


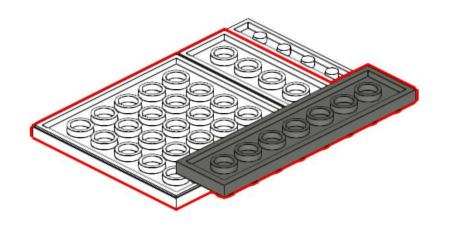


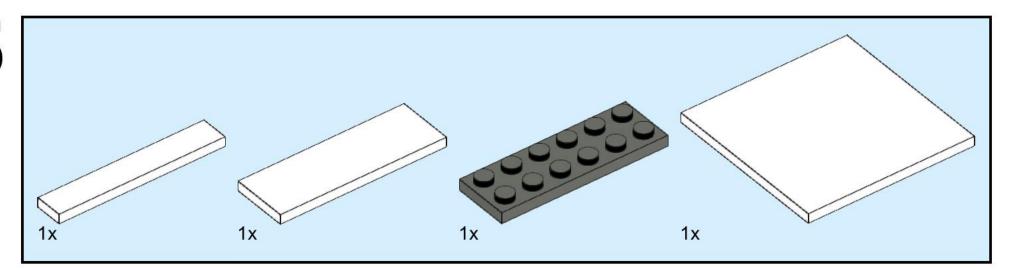


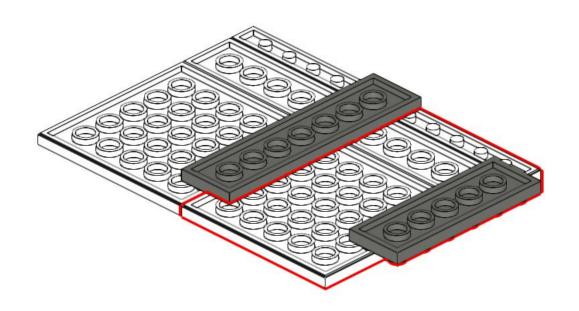


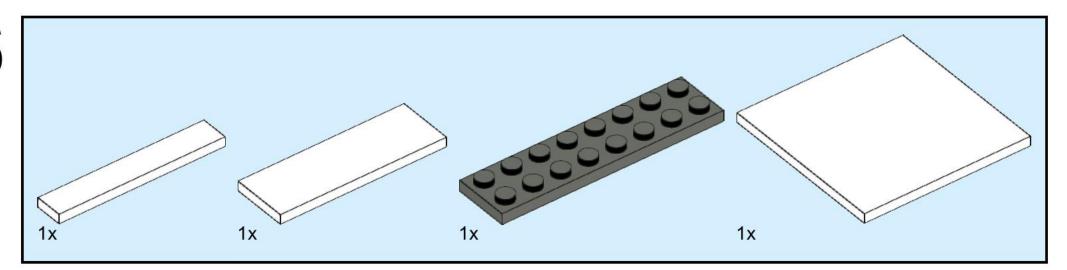


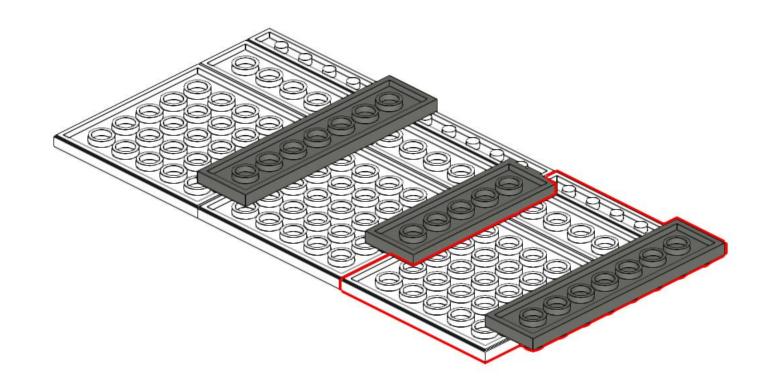


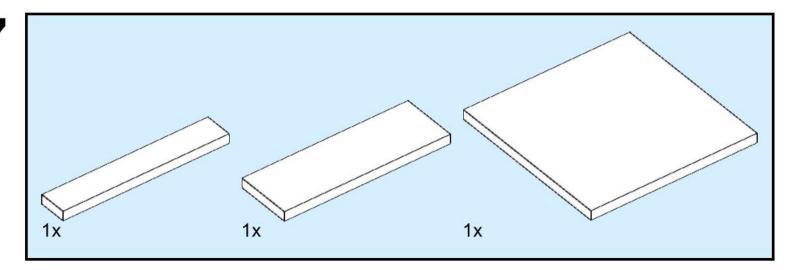


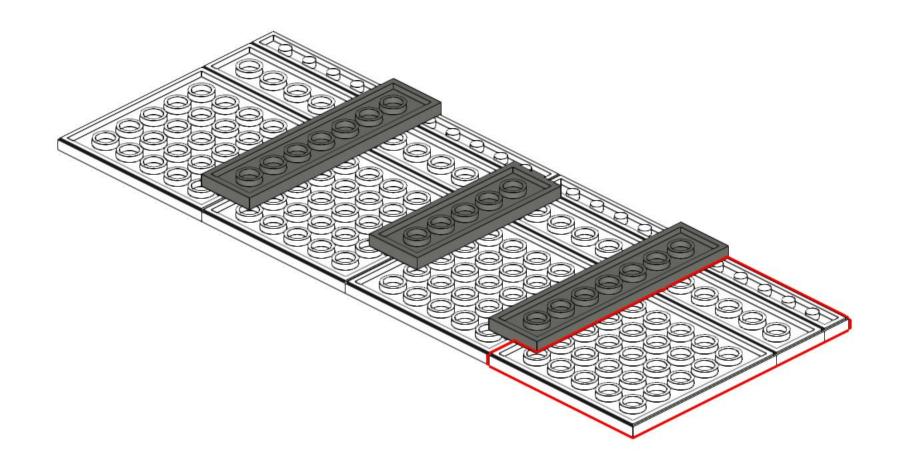


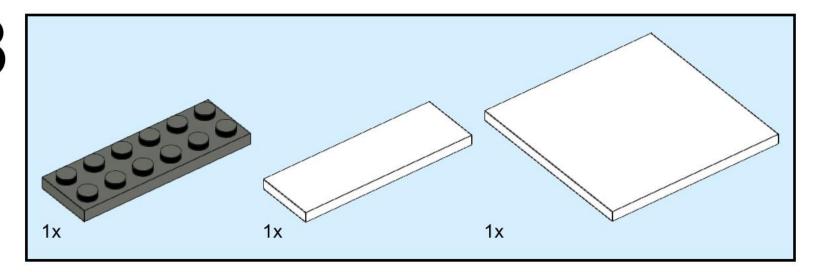


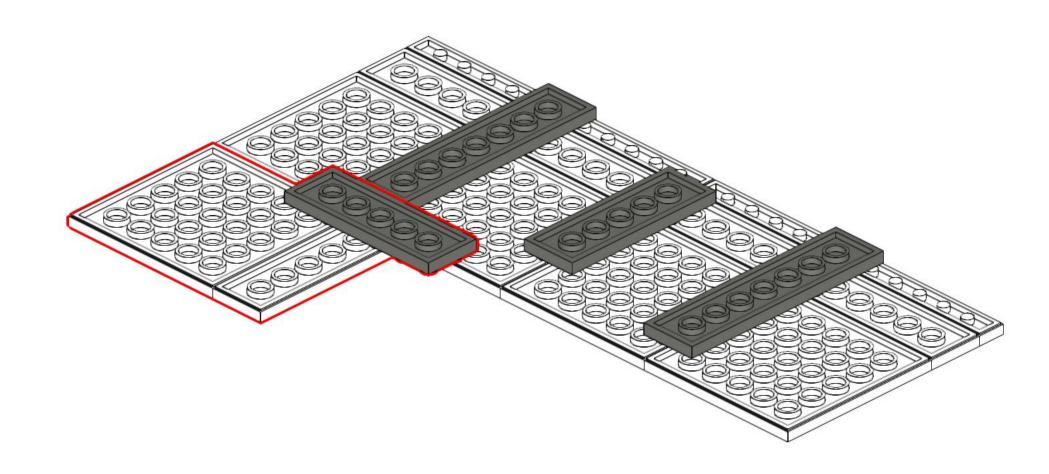


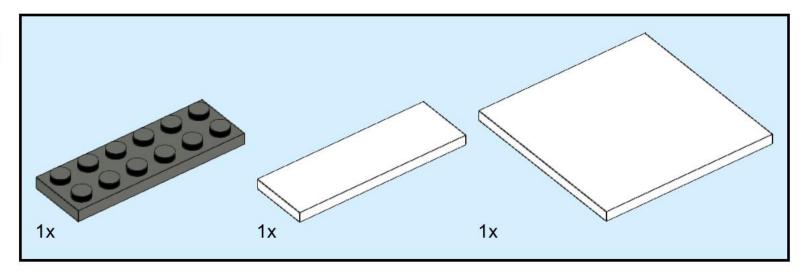


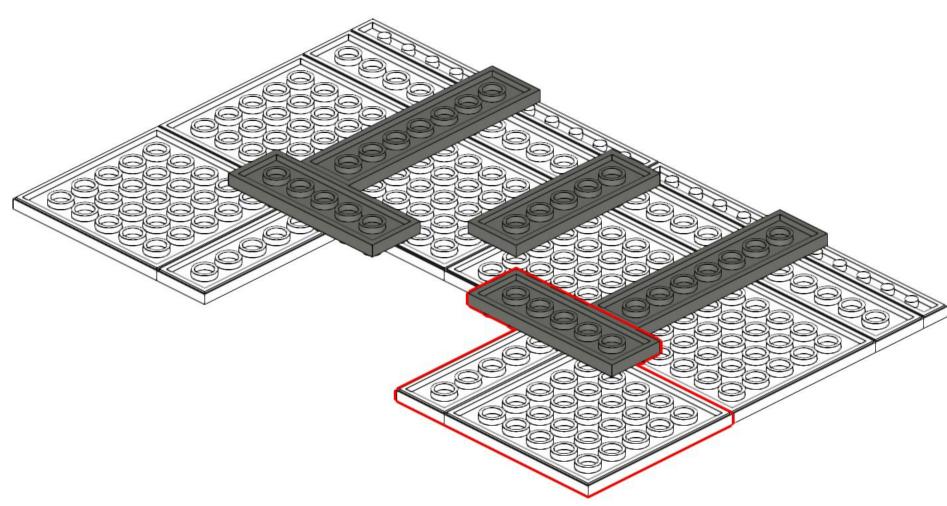


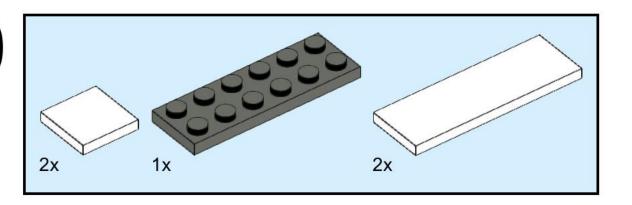


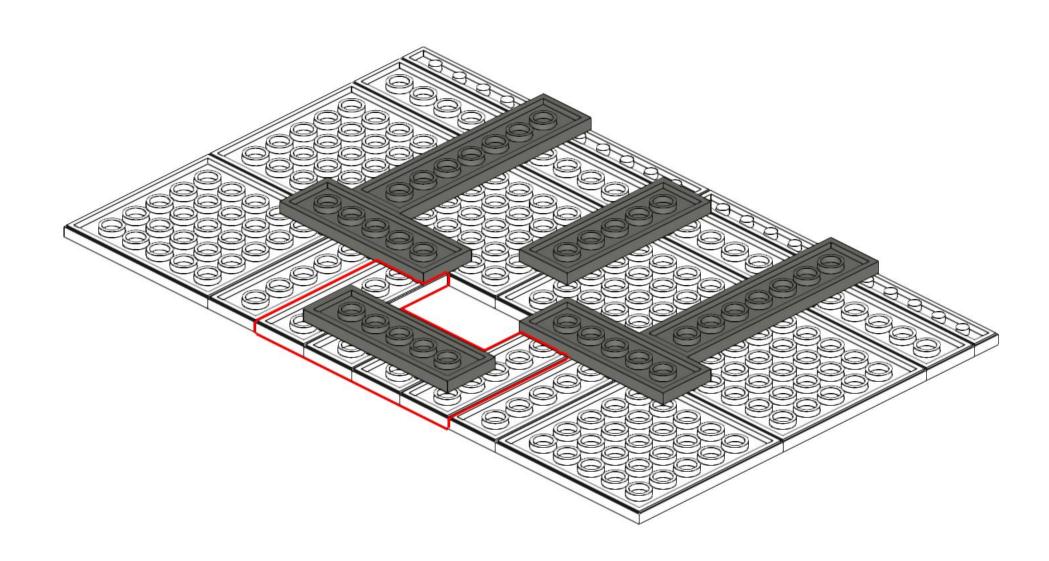


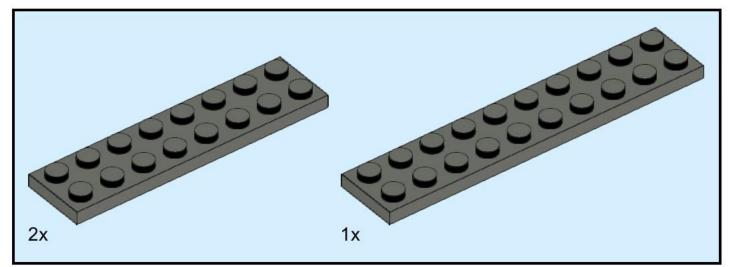


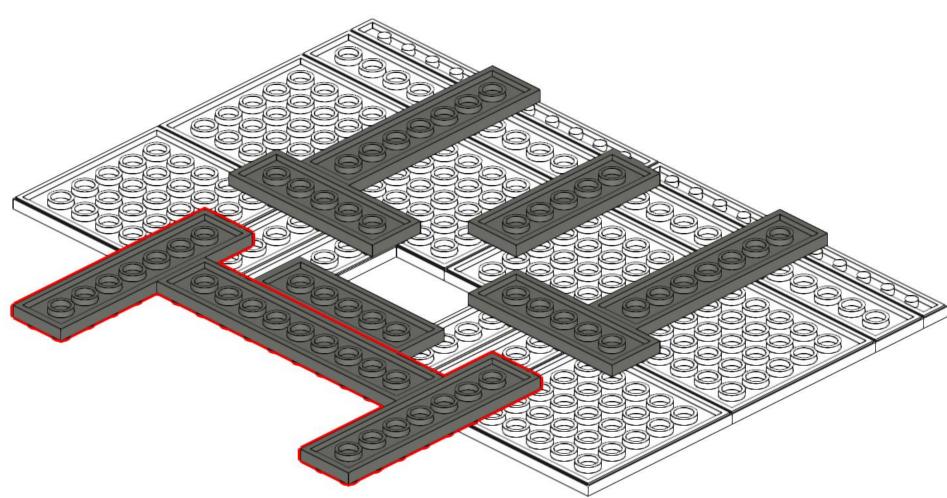


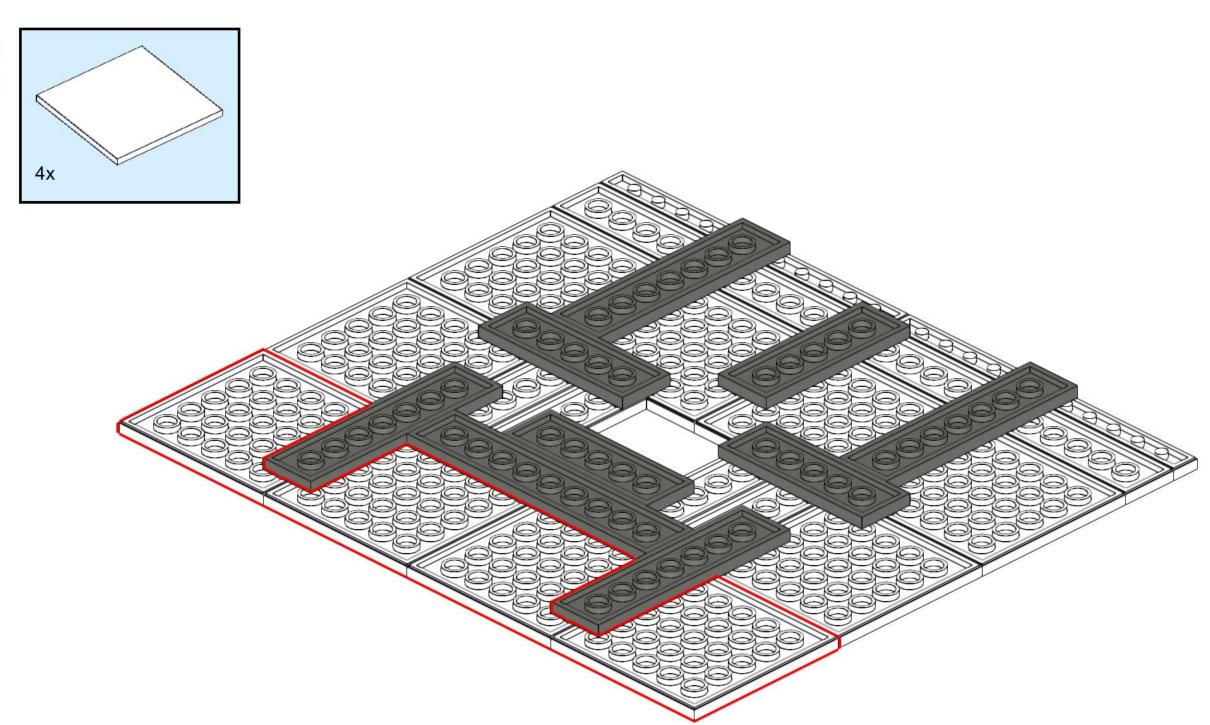


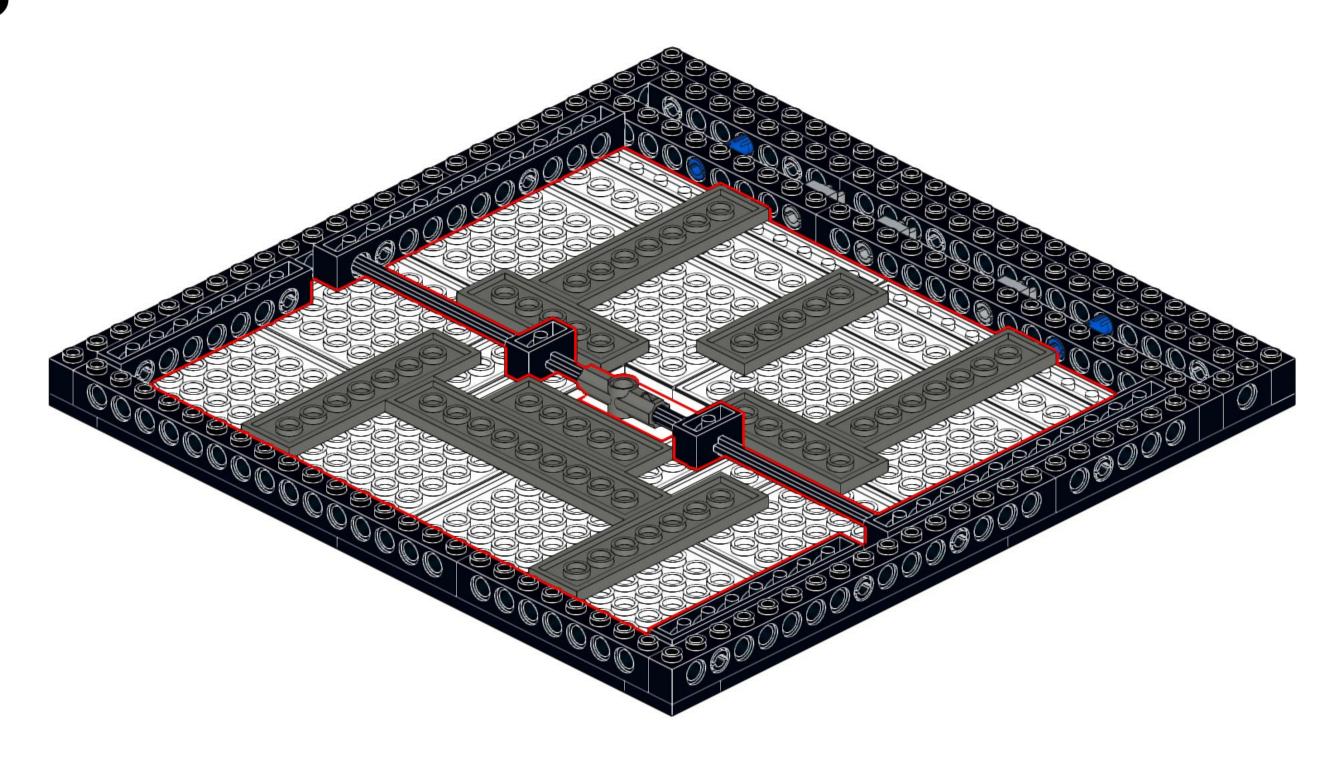


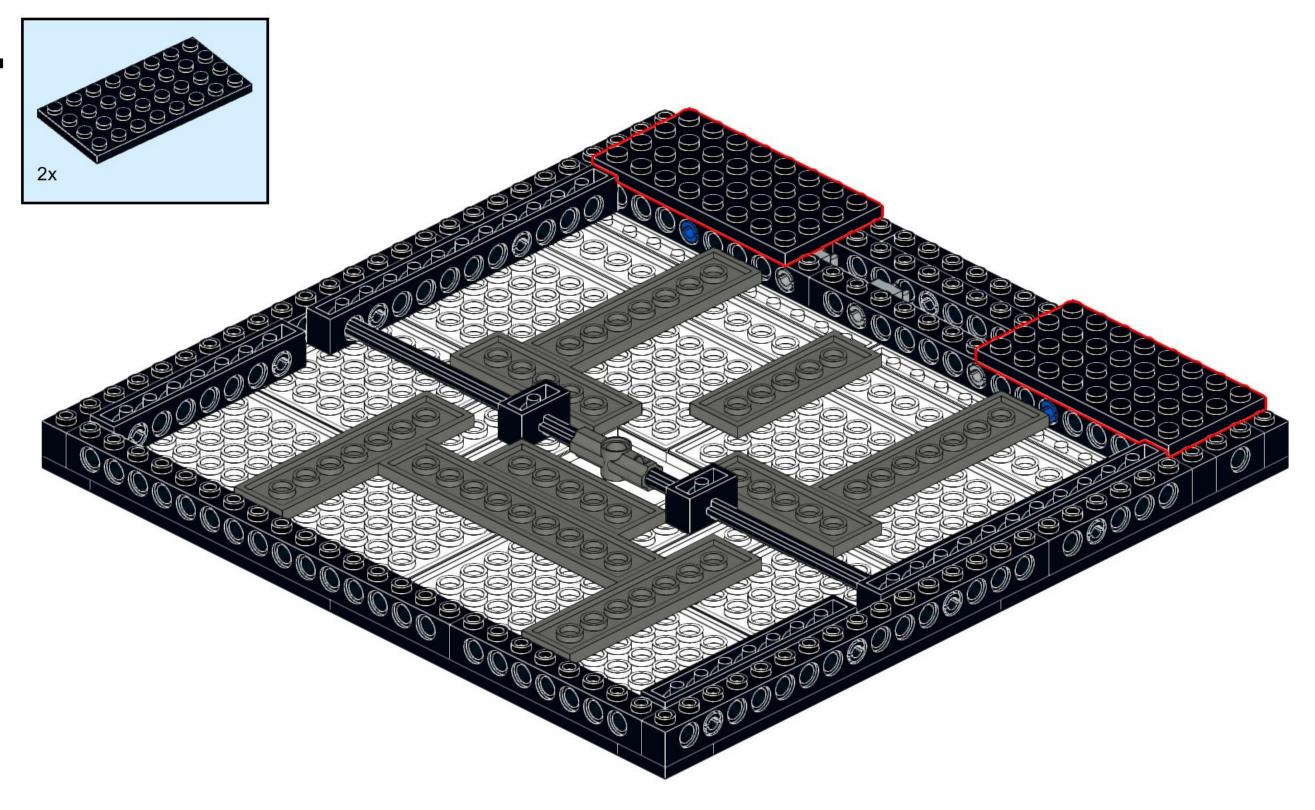


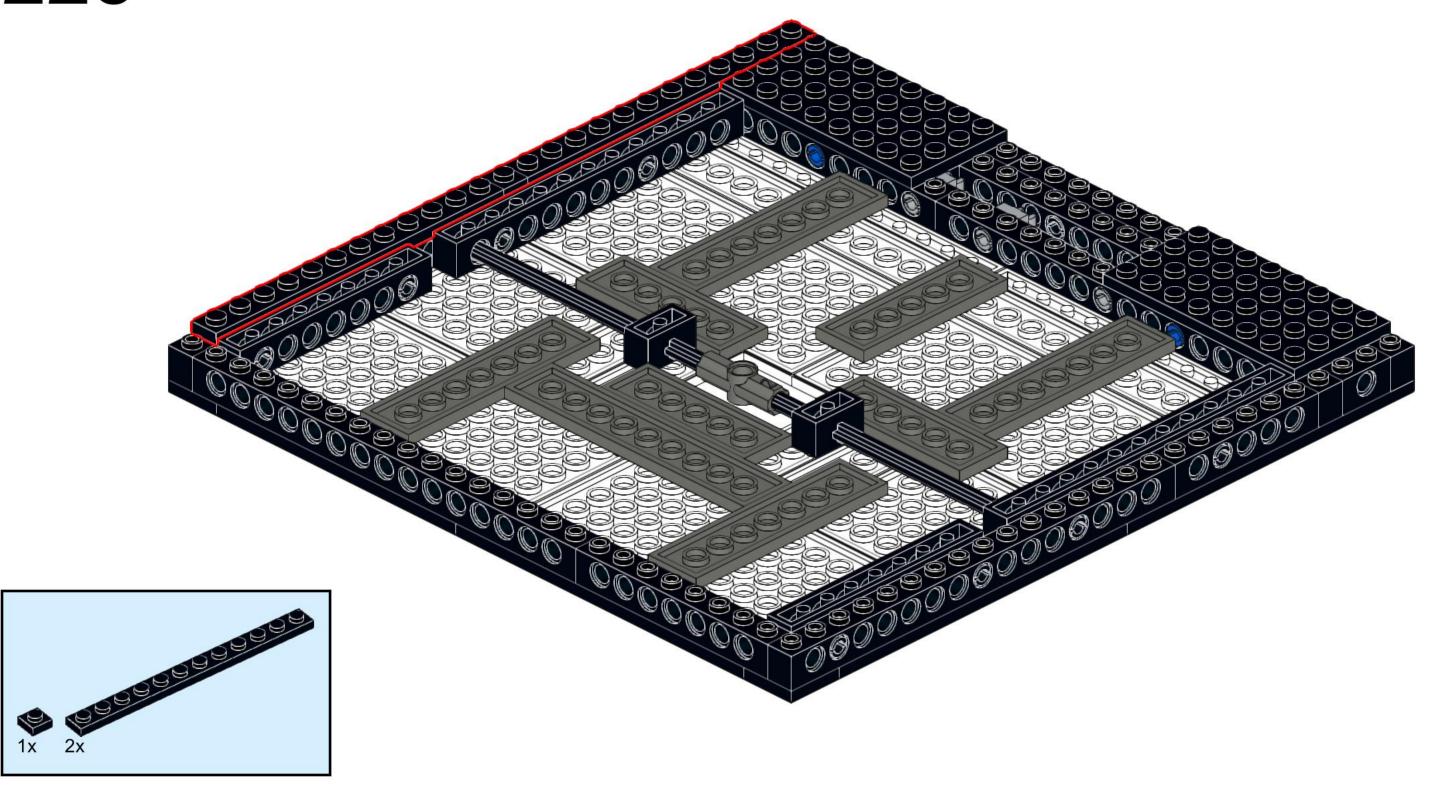


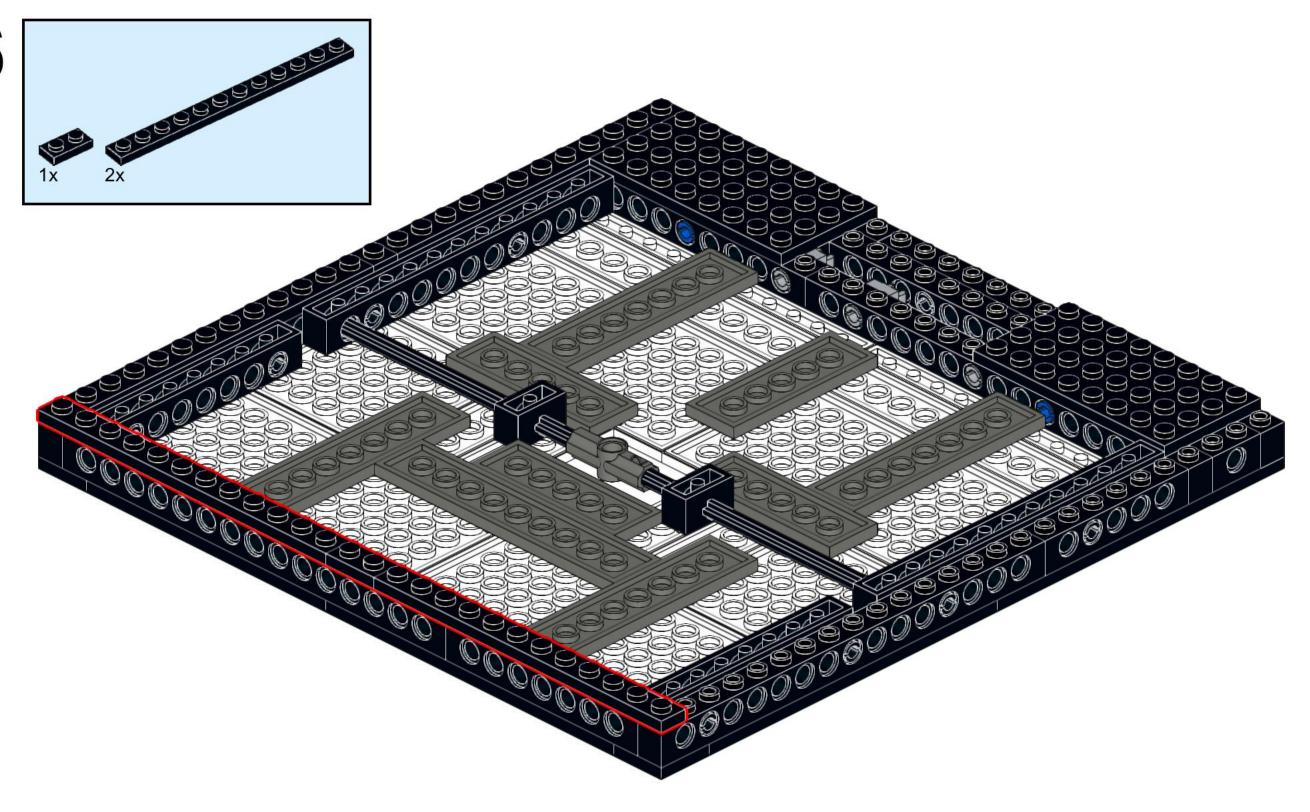


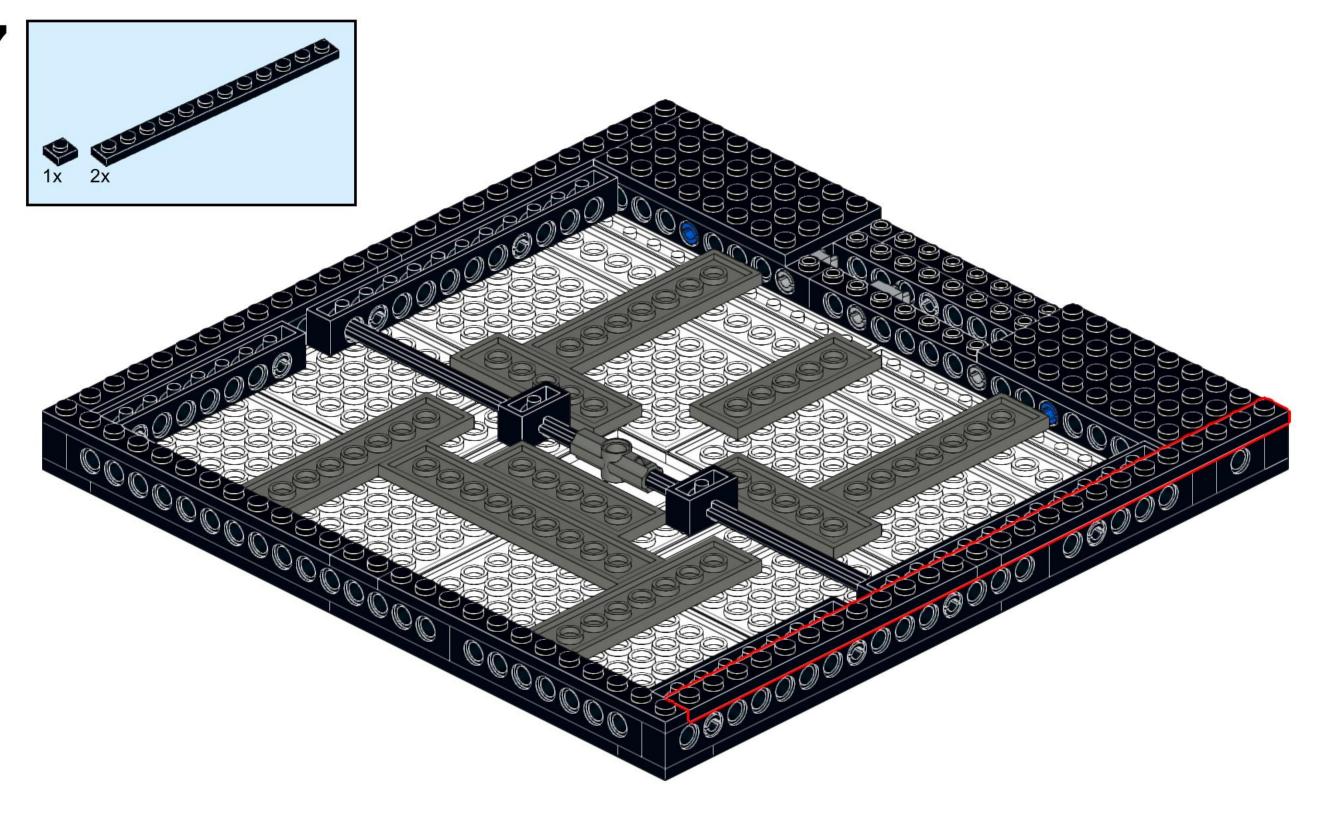




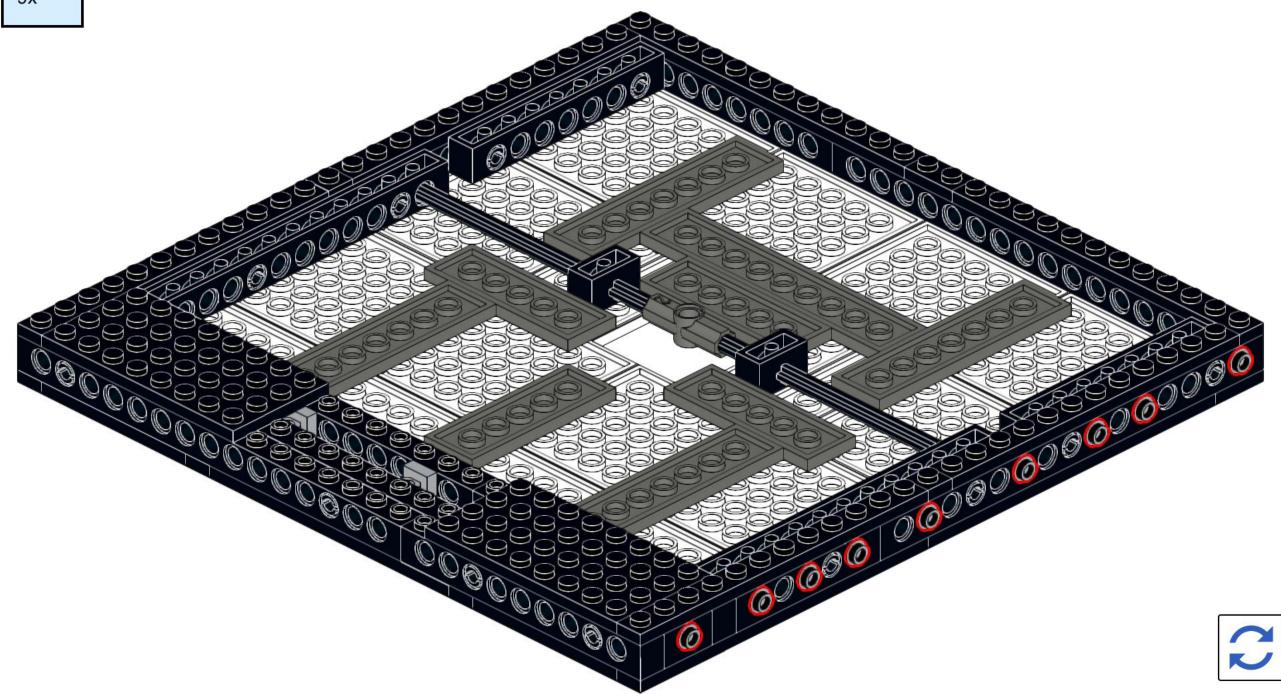


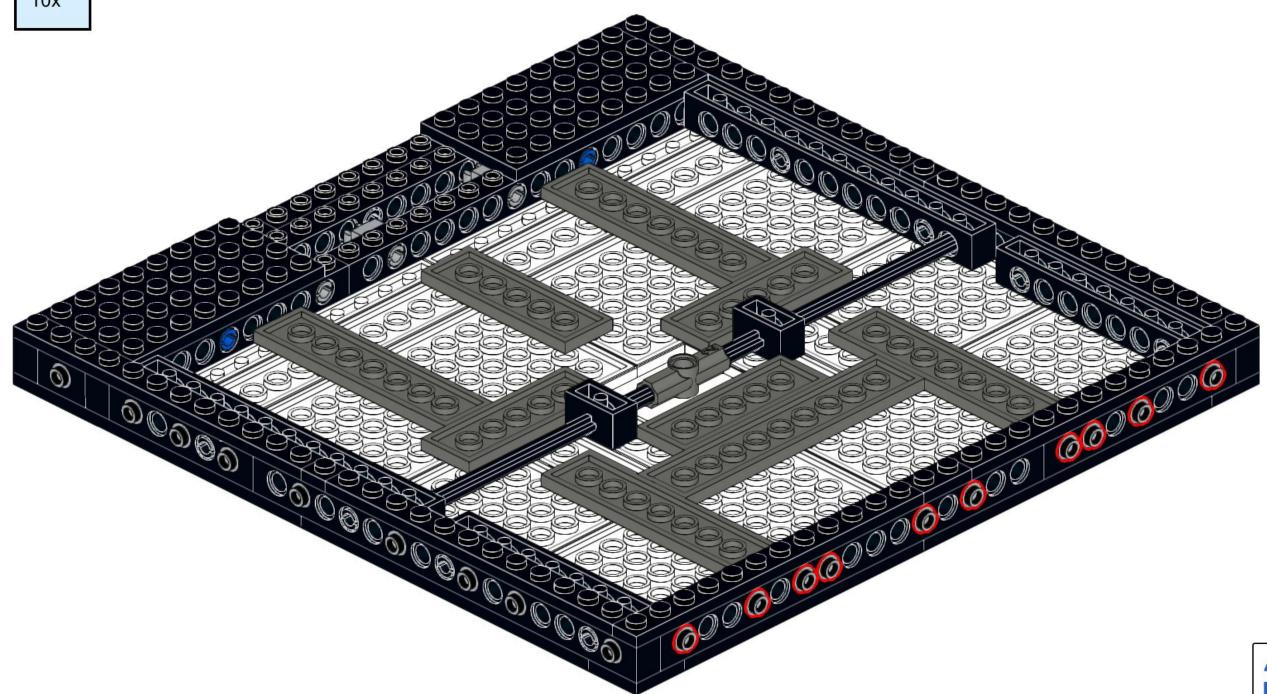






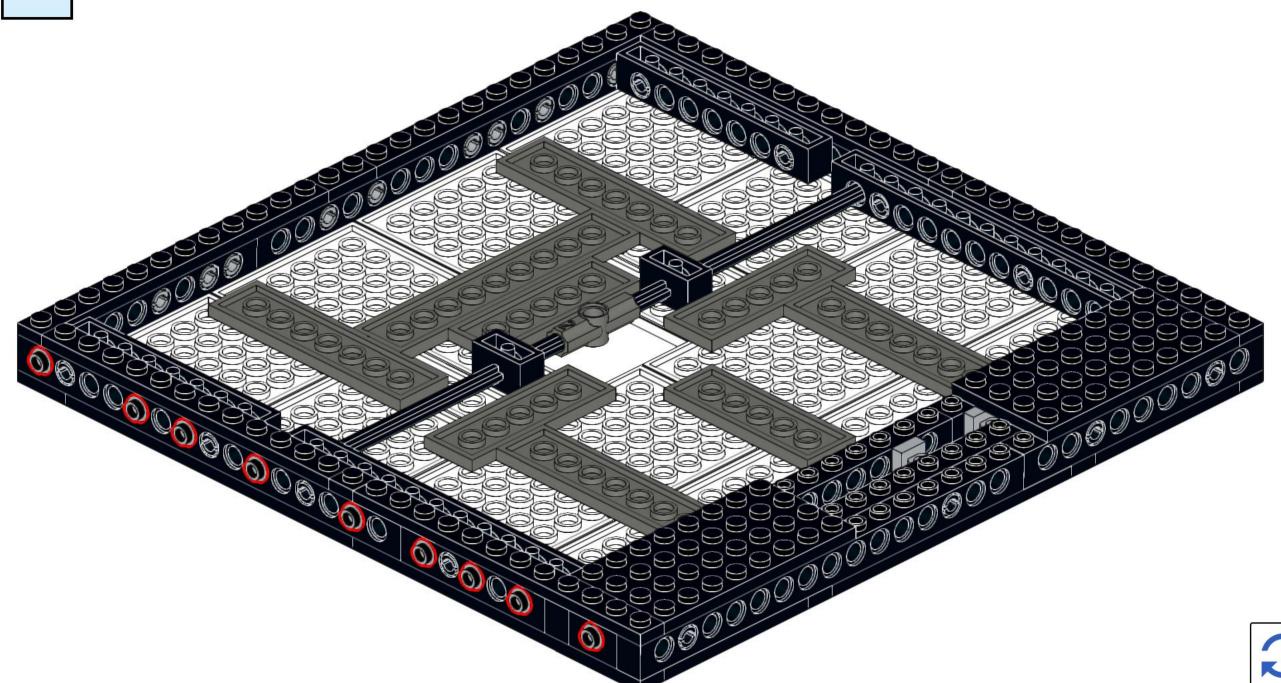


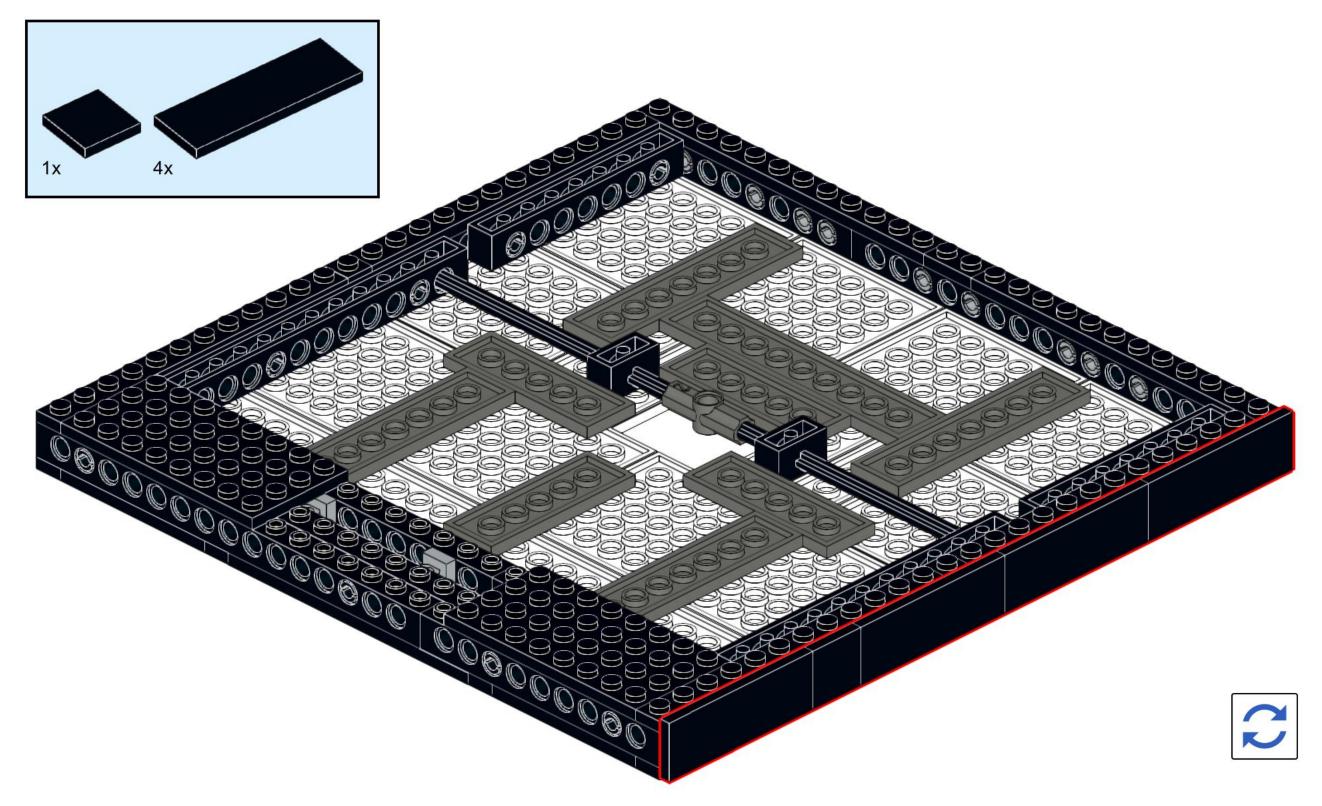


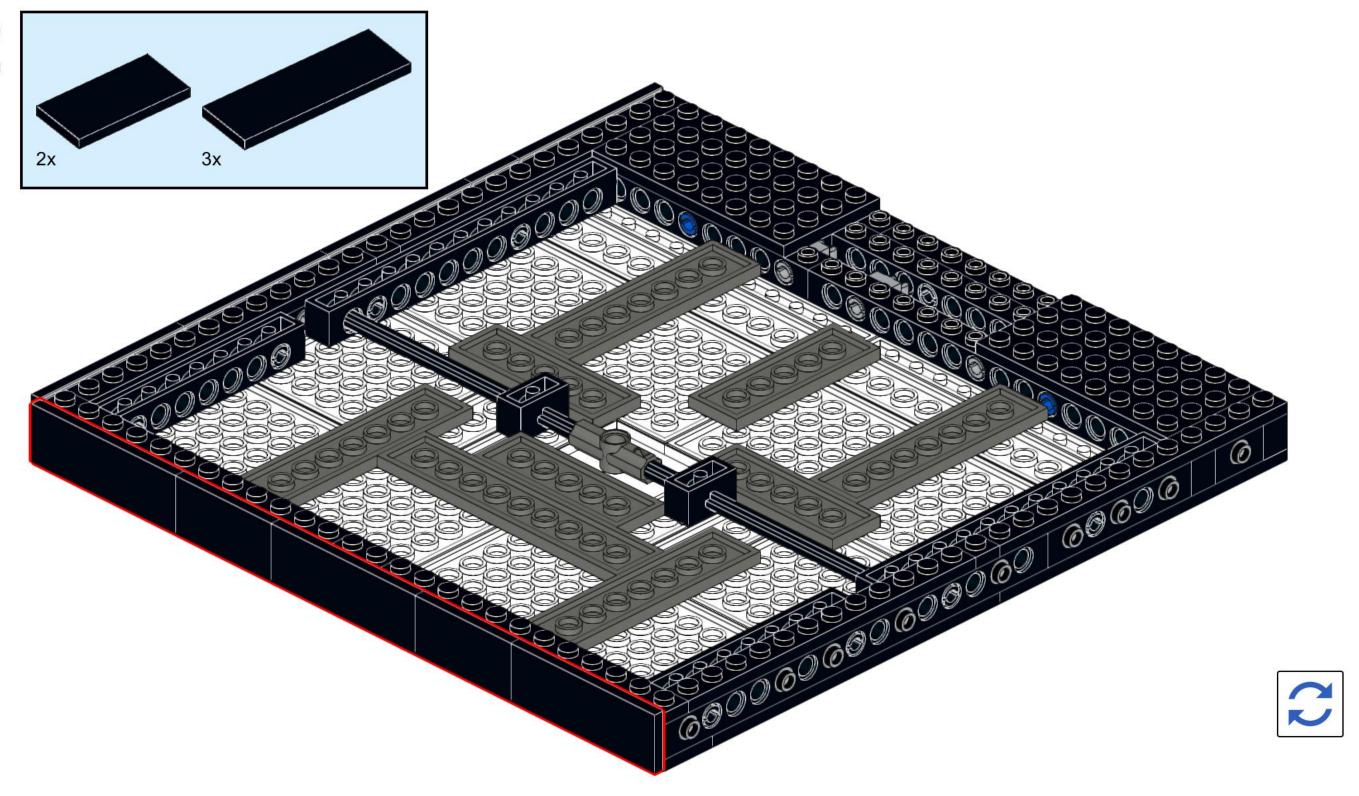


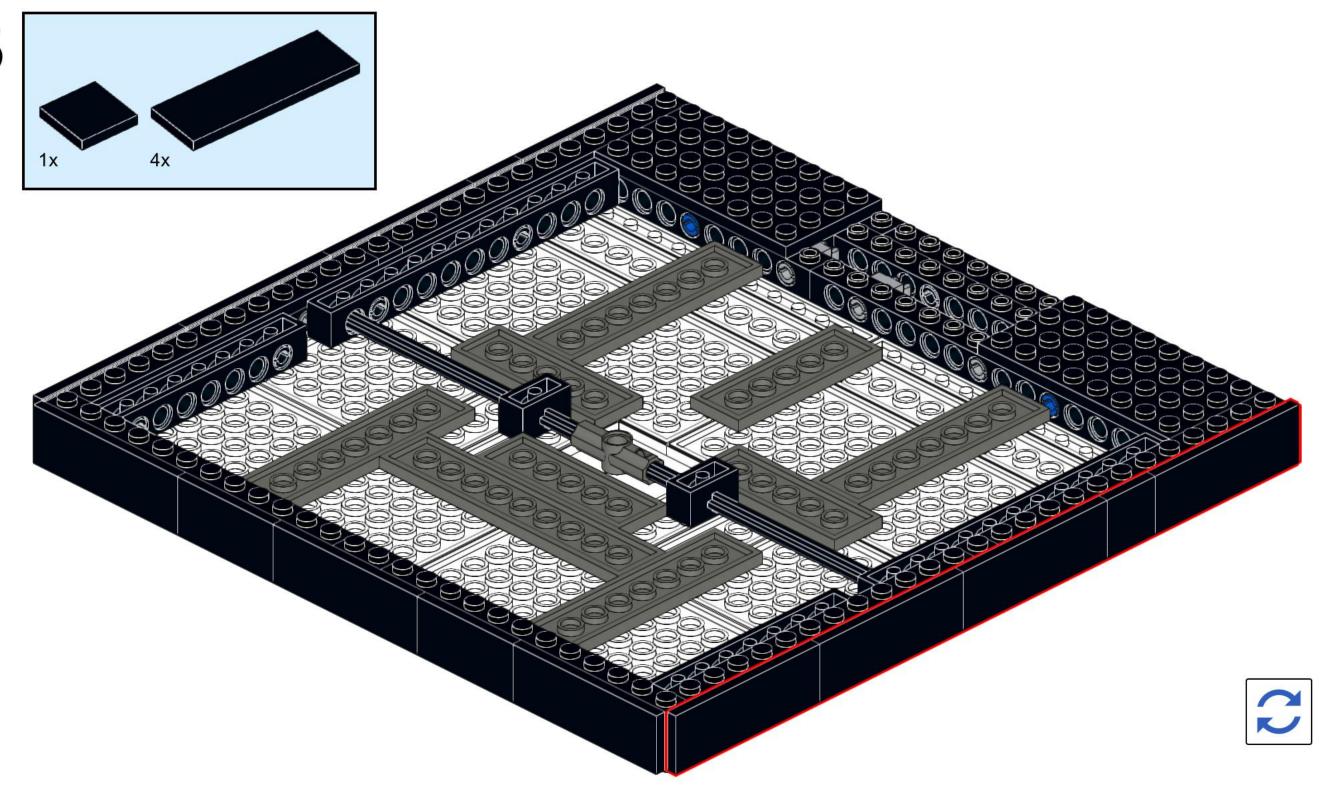


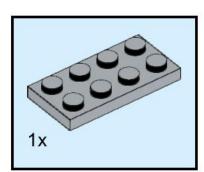
230 SA



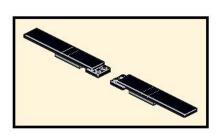


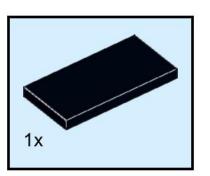


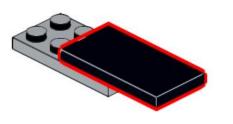


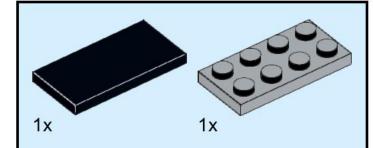


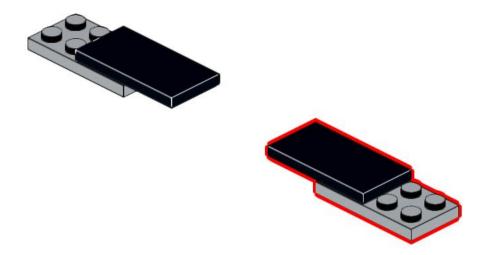


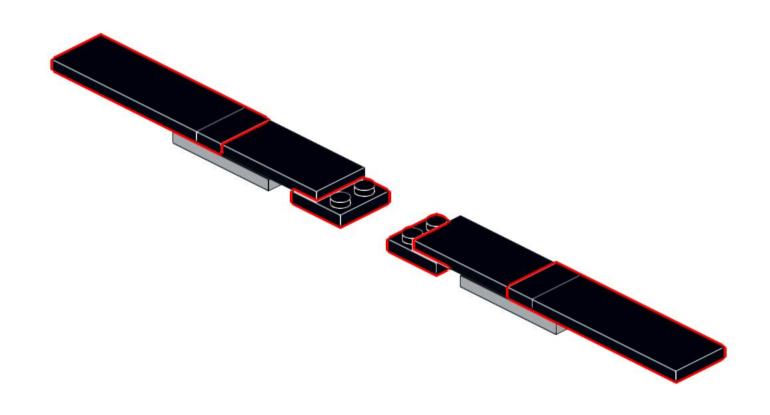


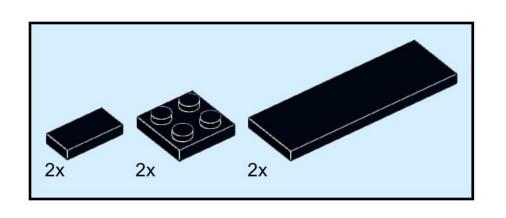


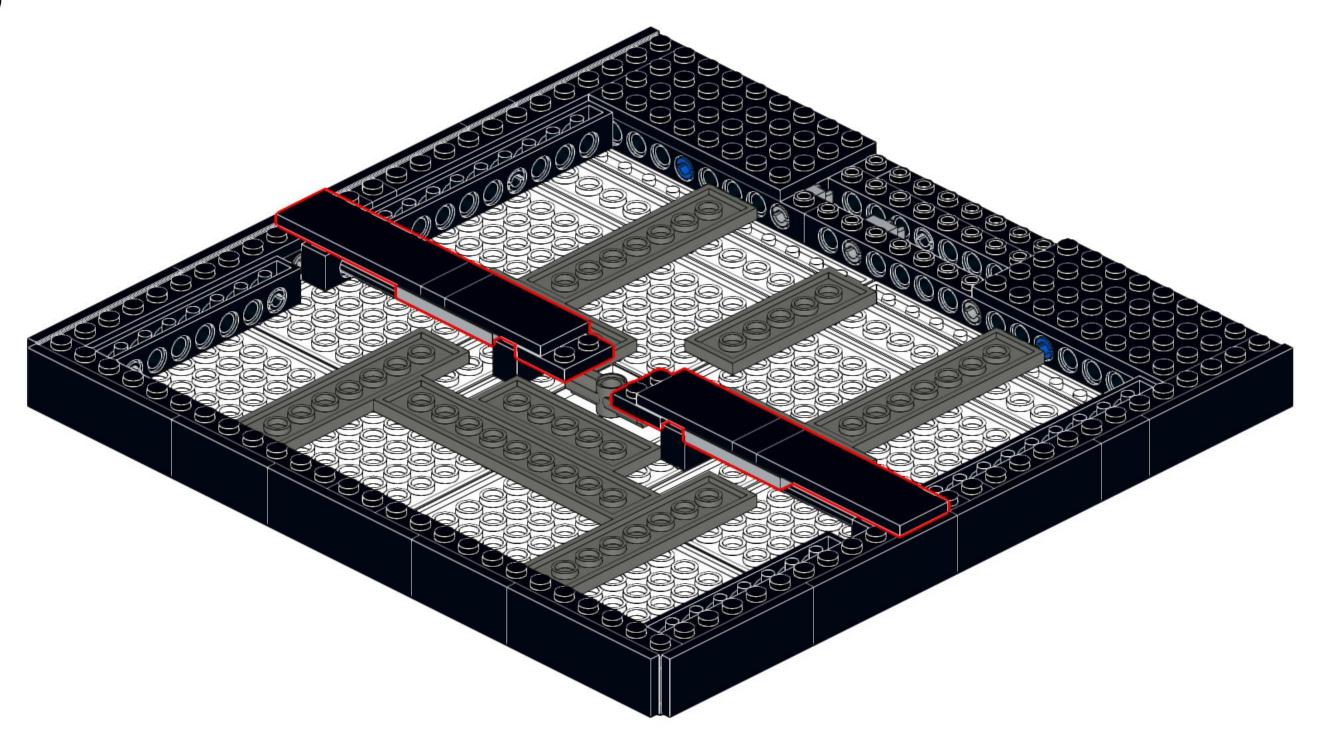


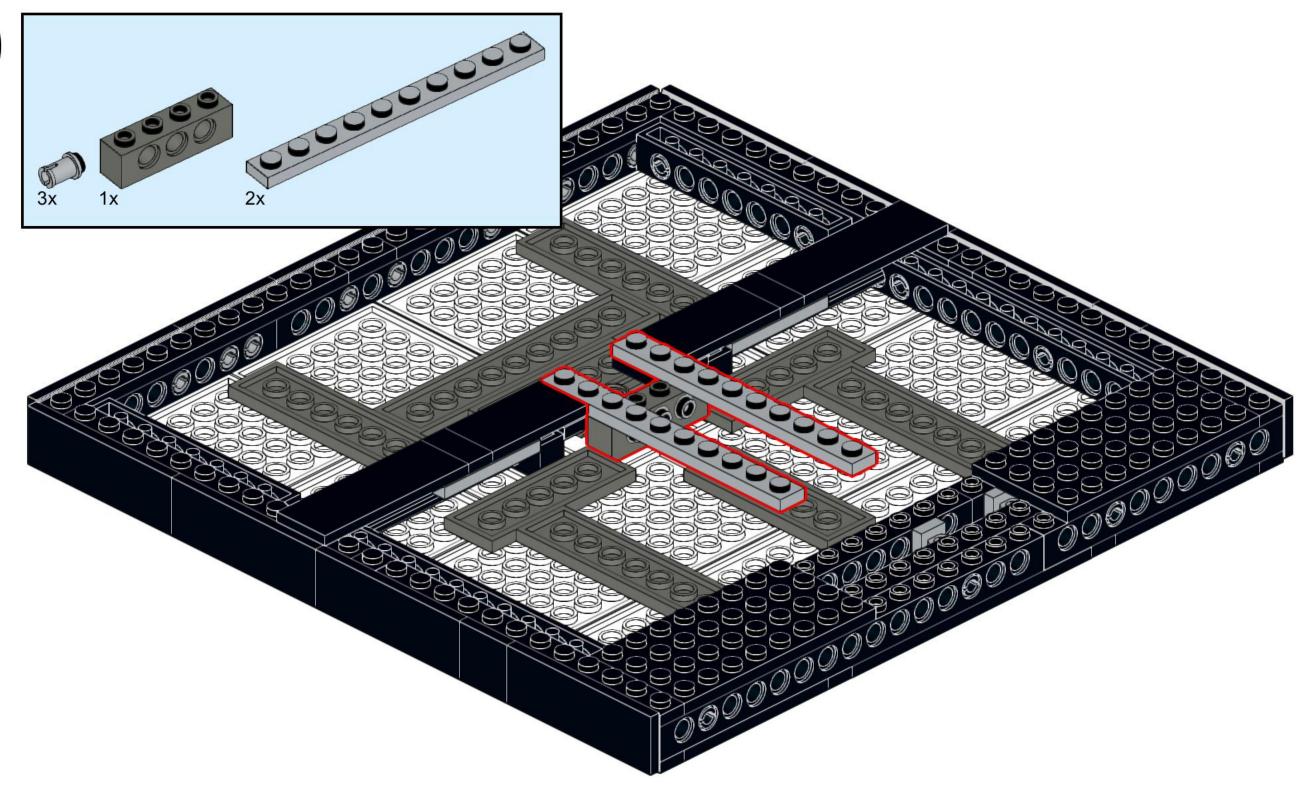


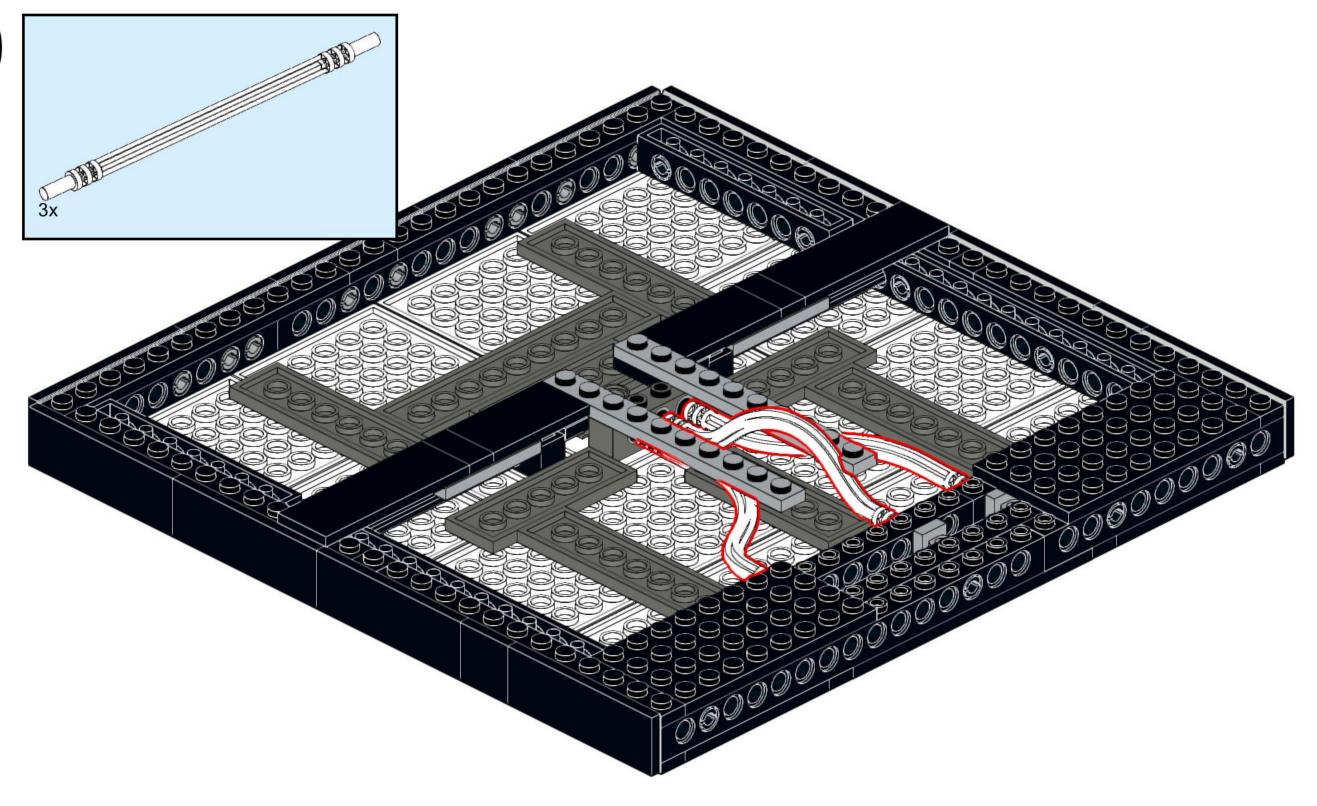


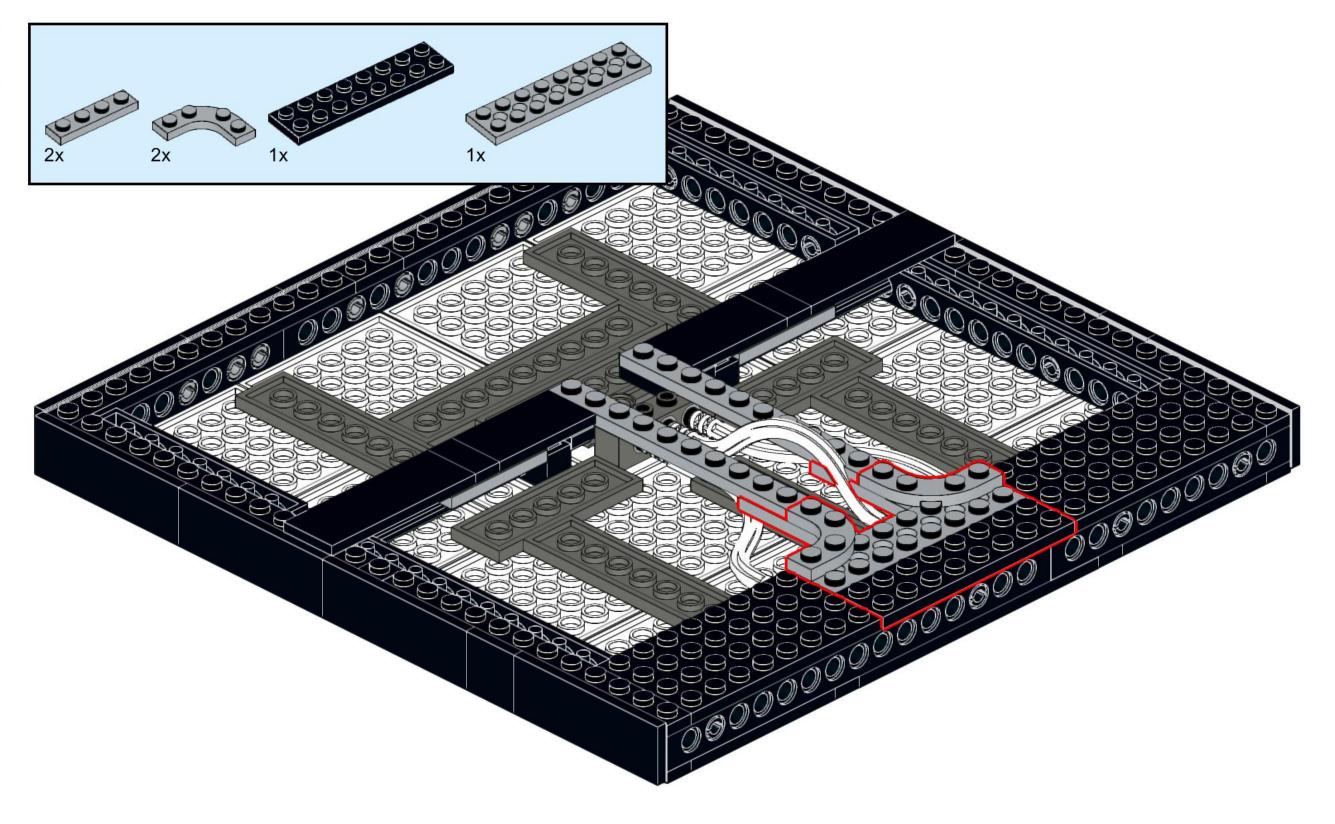


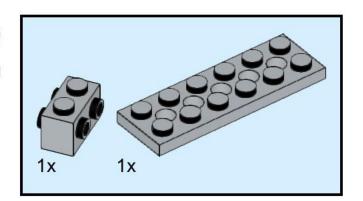


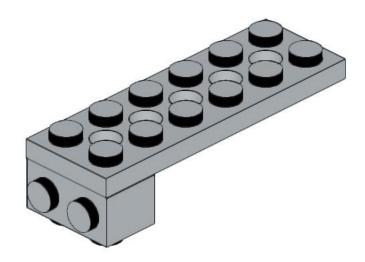


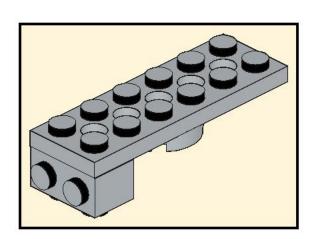


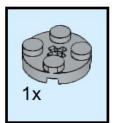


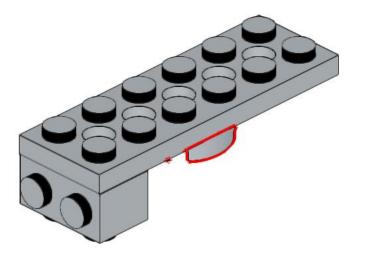


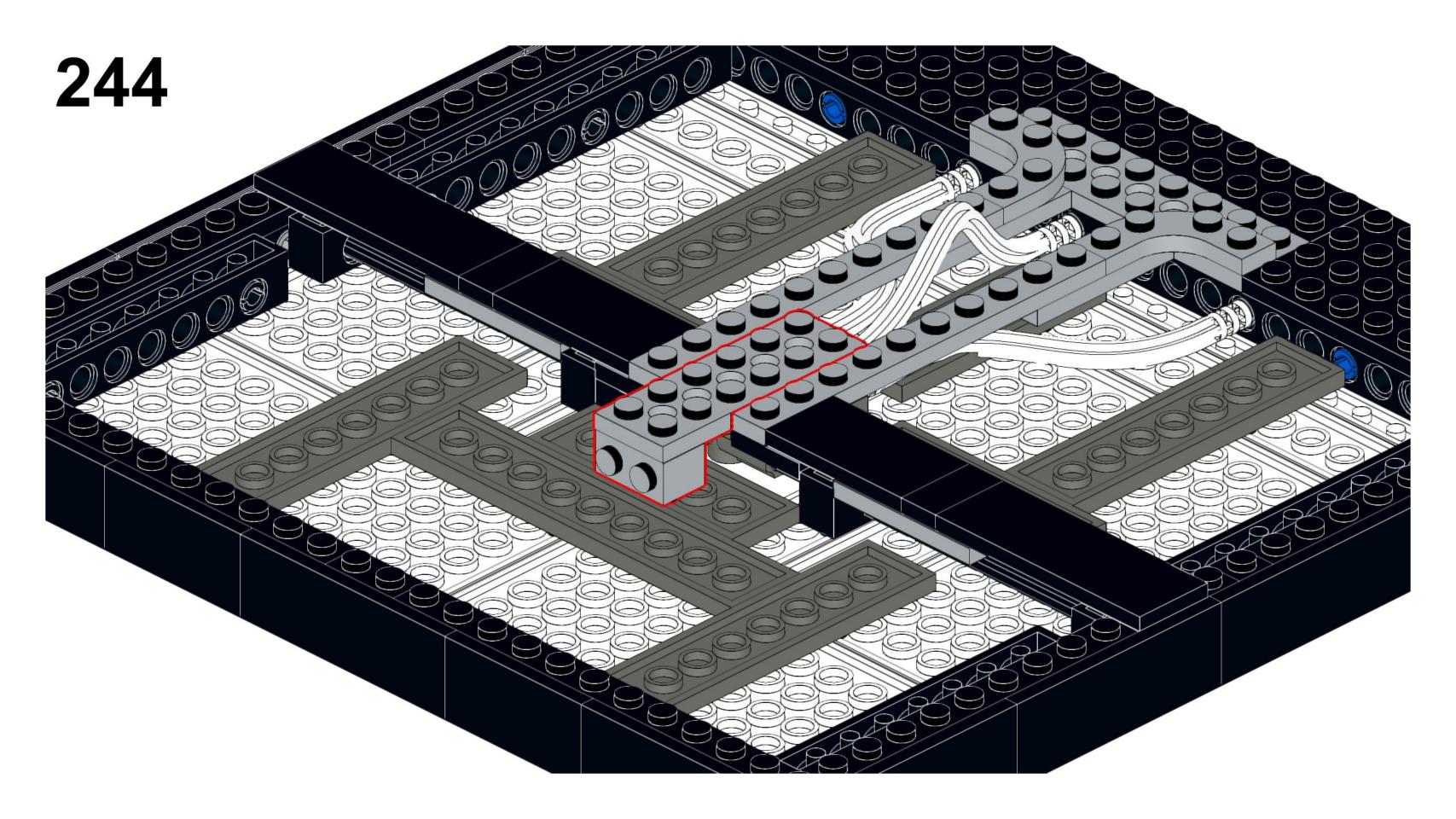


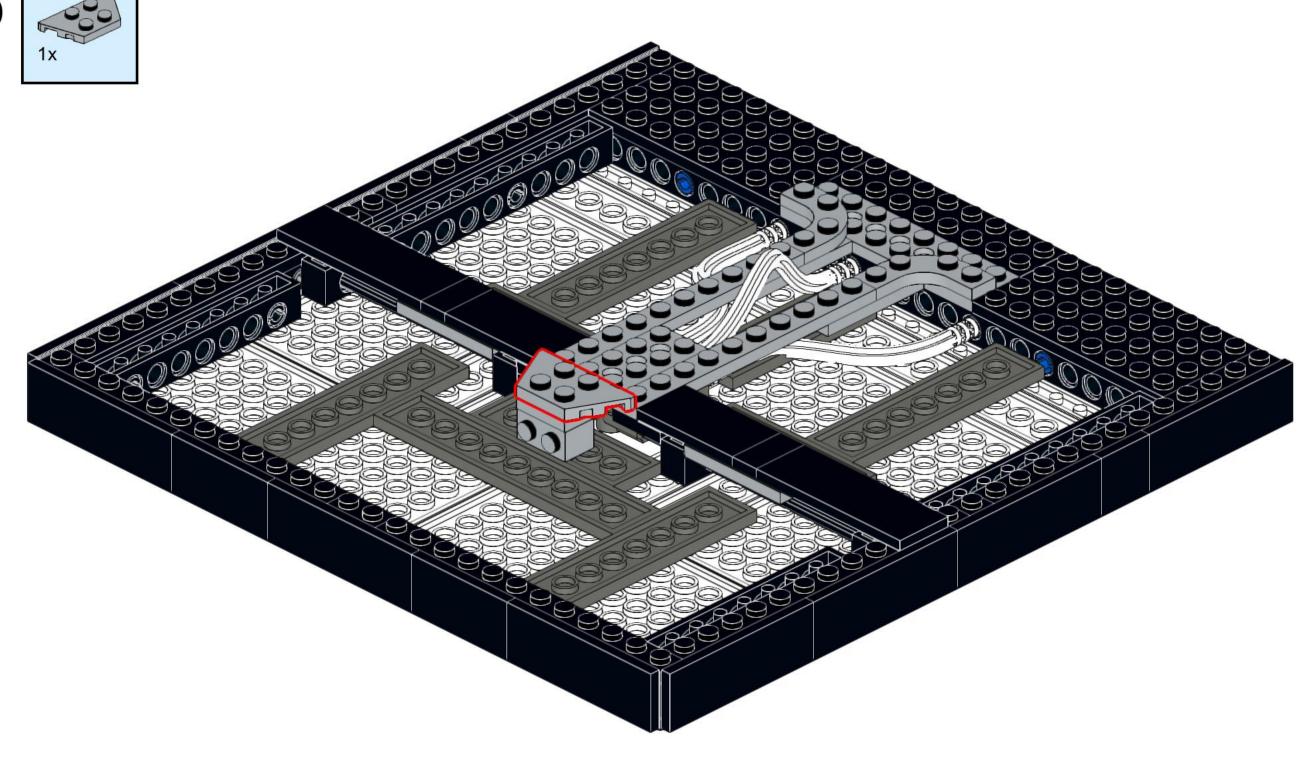


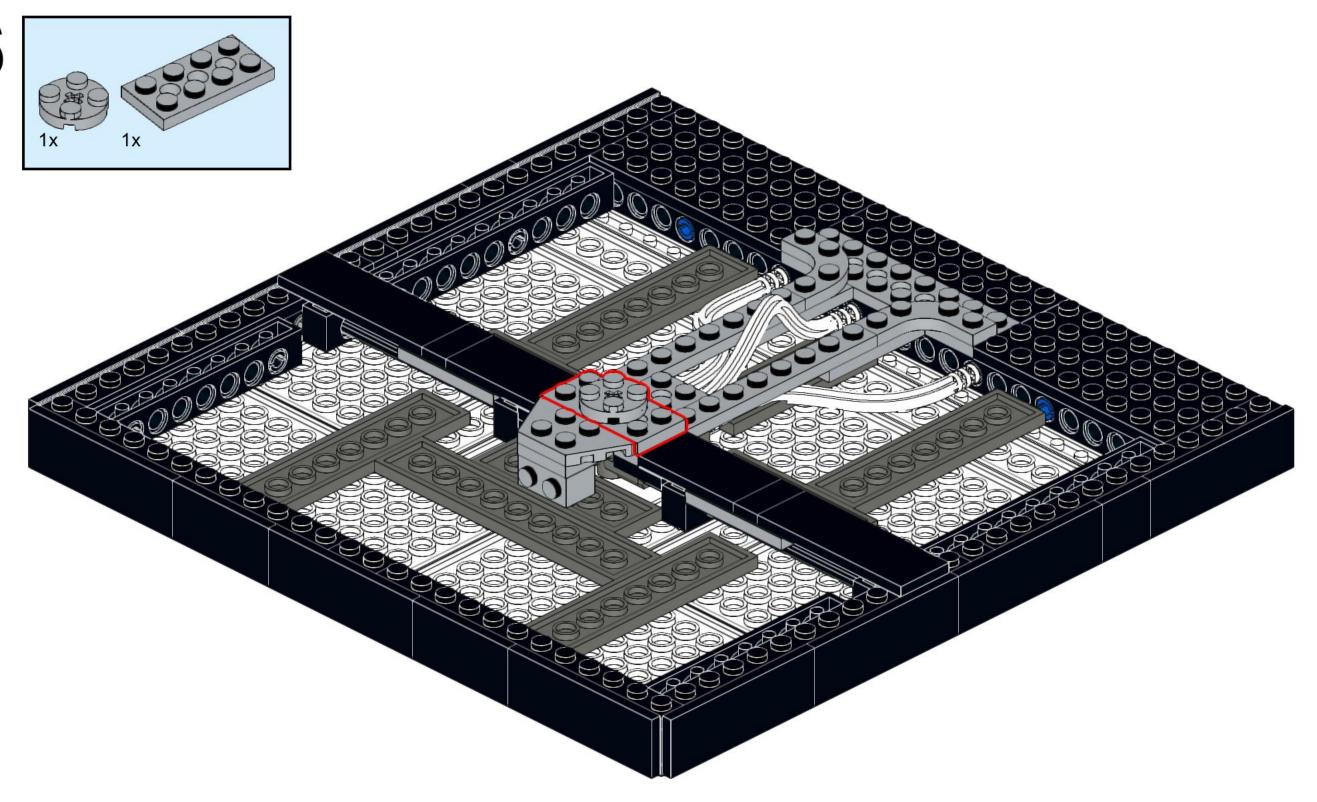


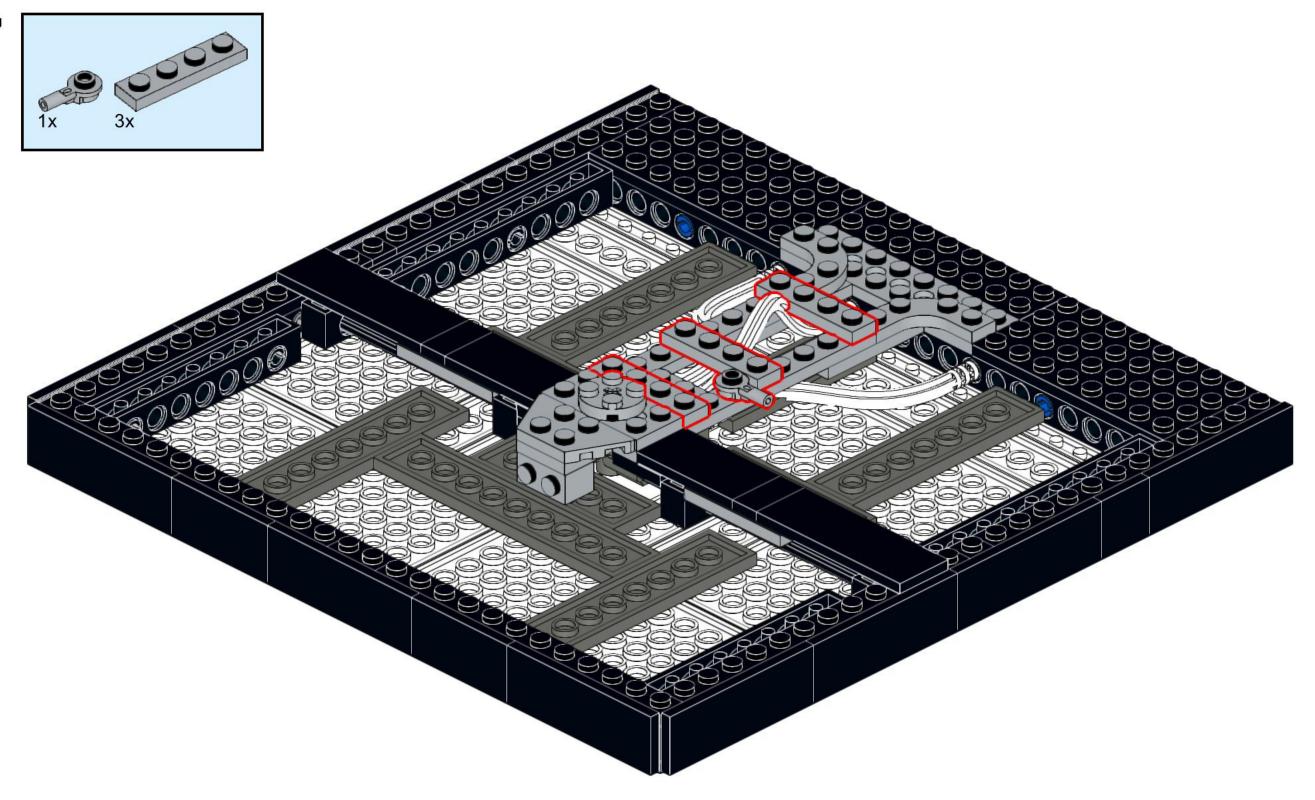


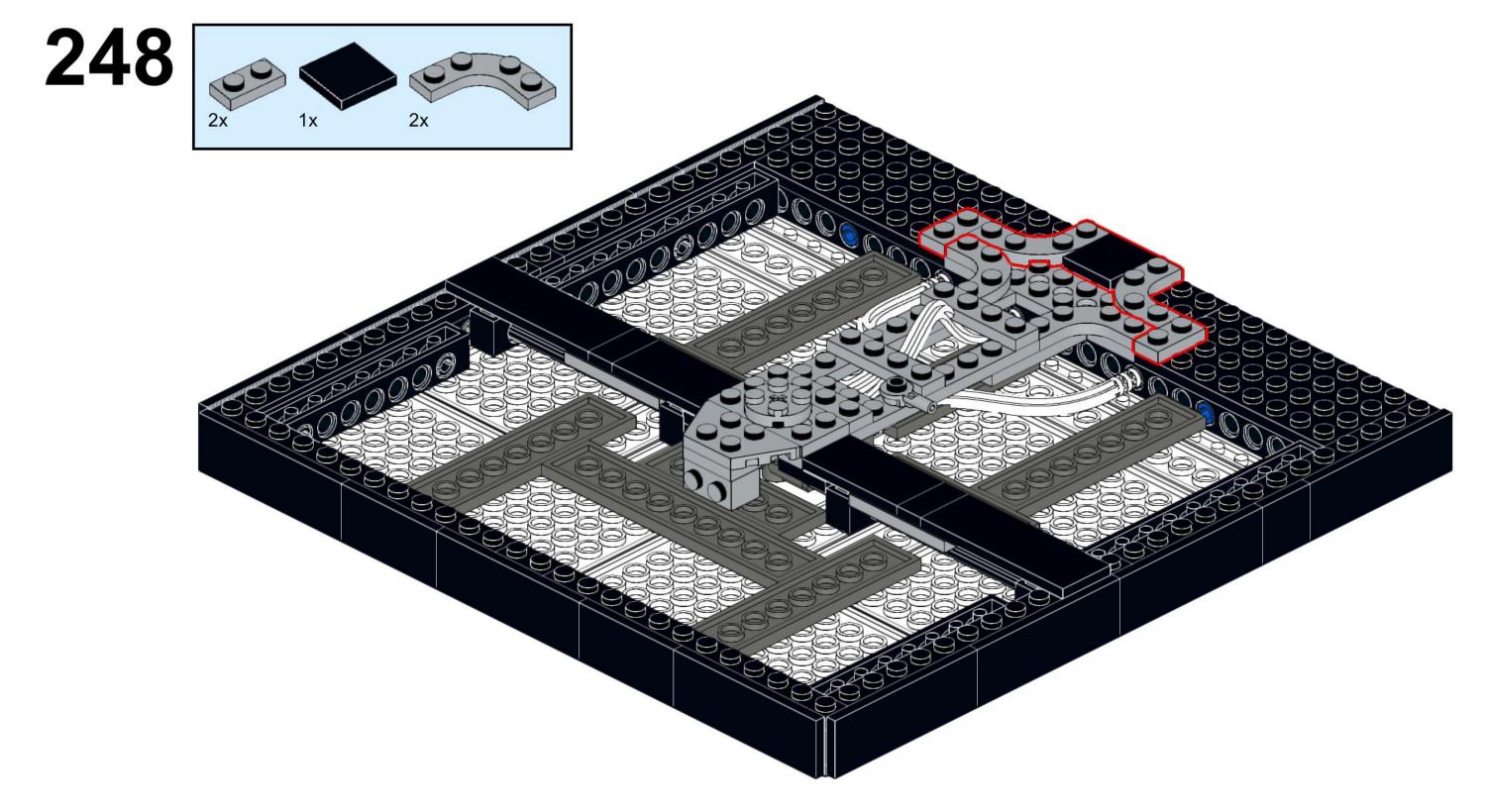


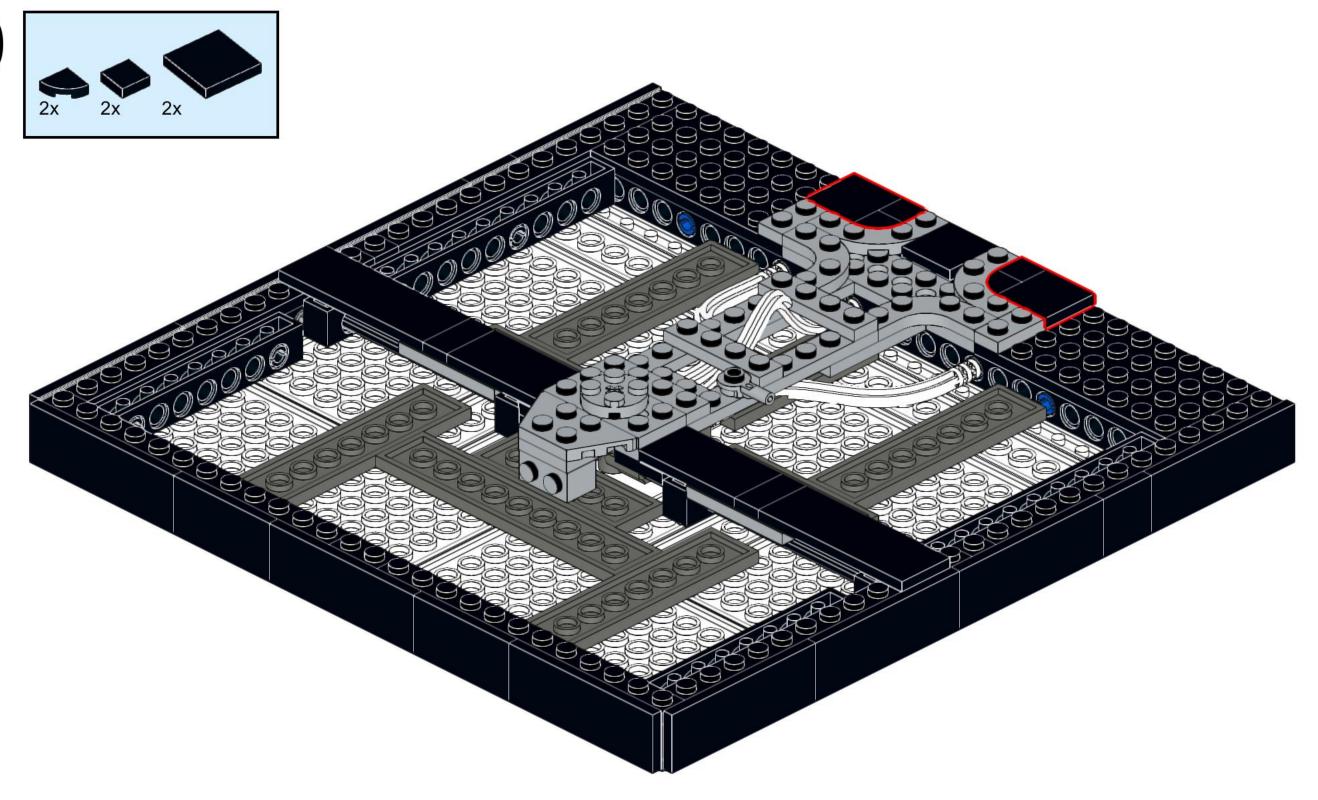


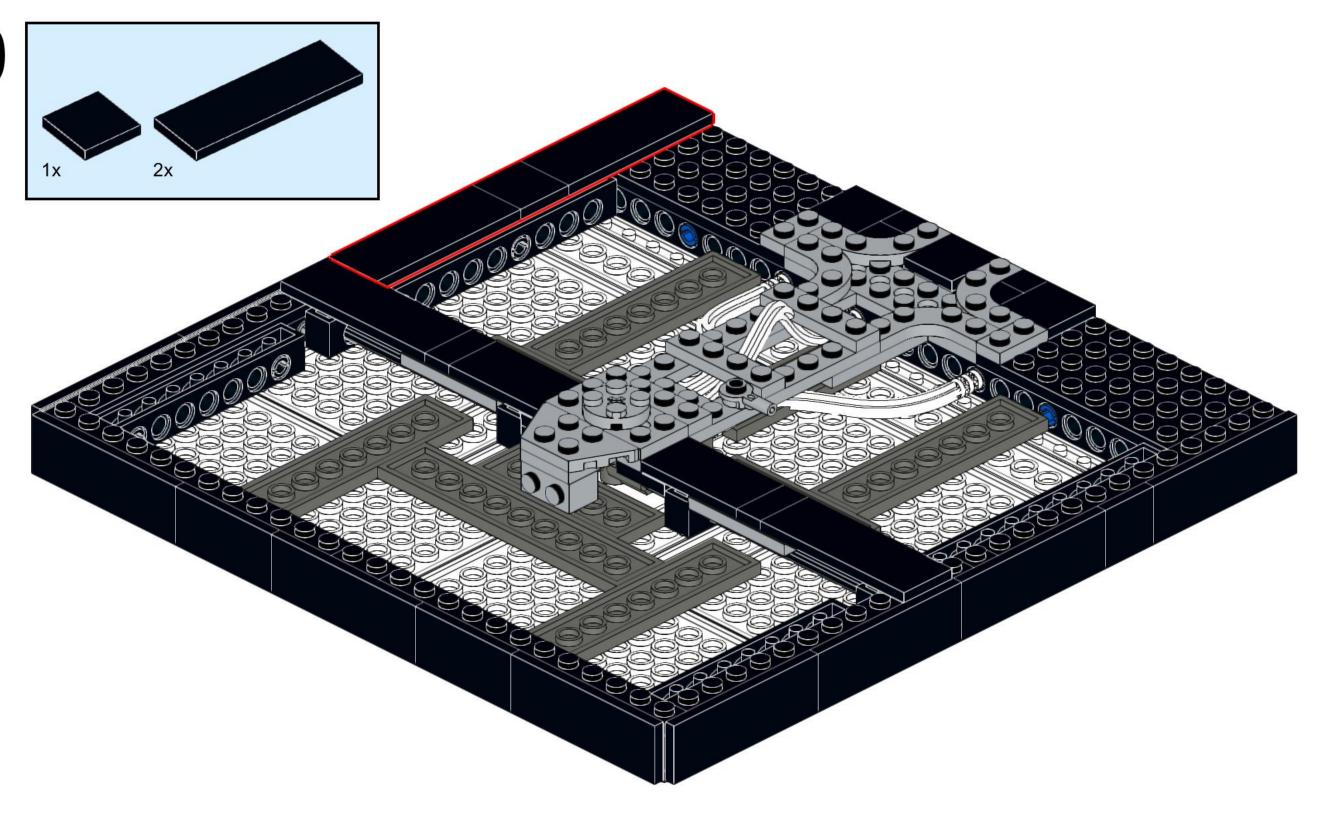


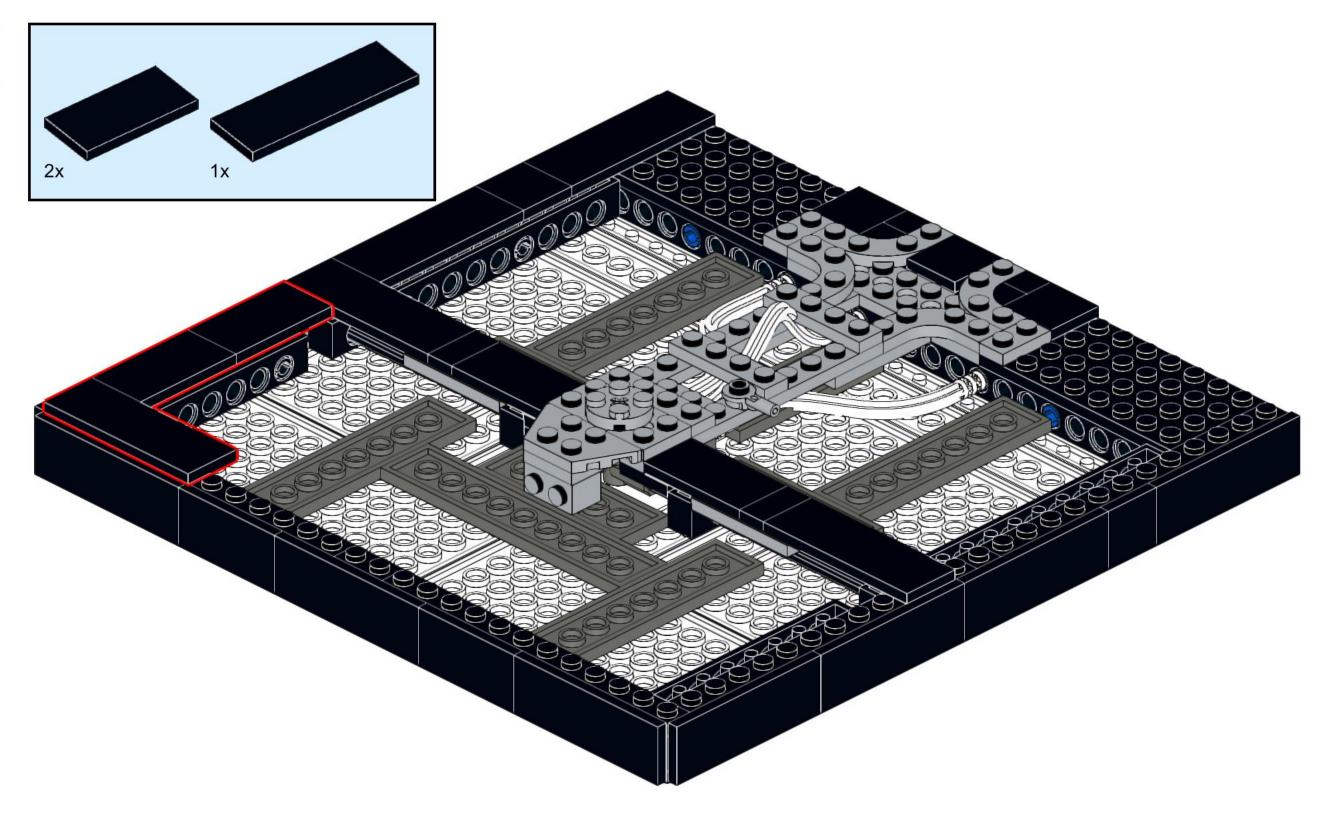


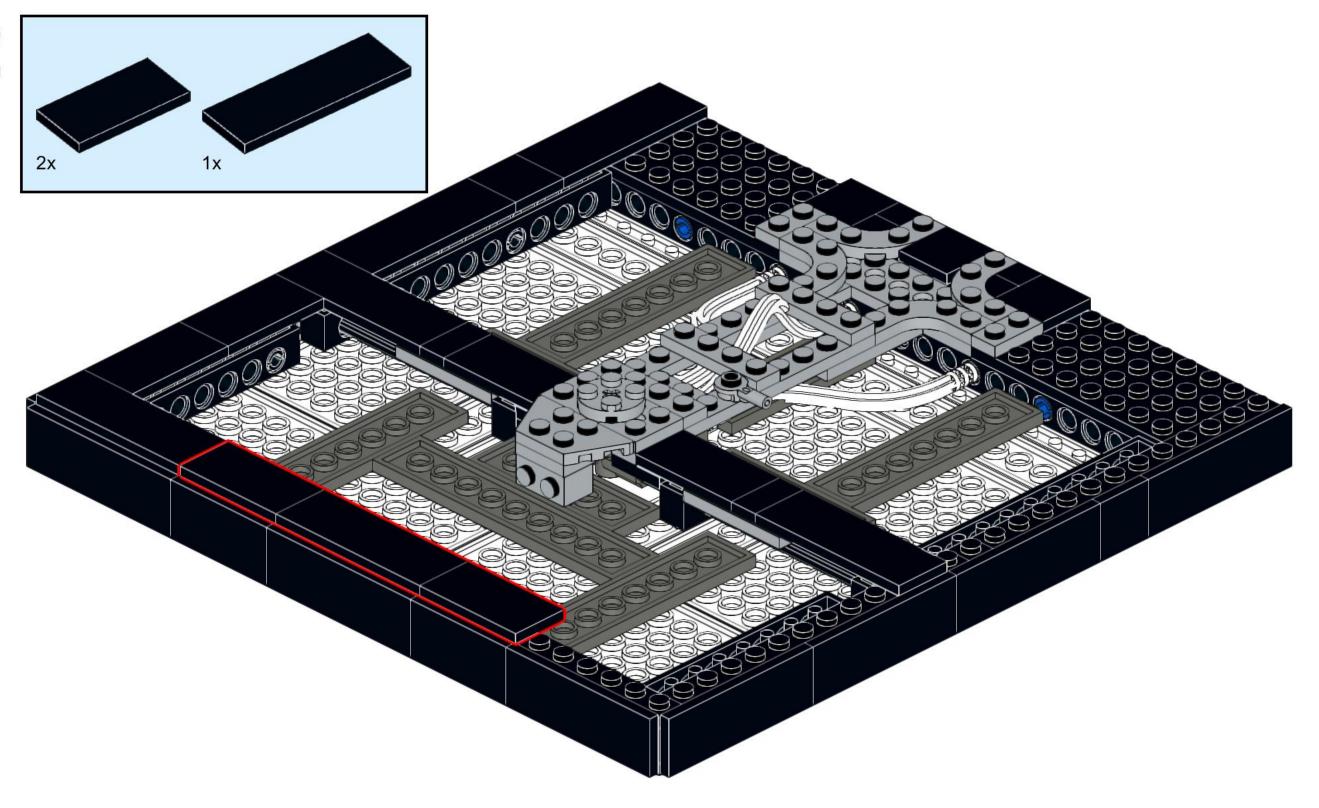


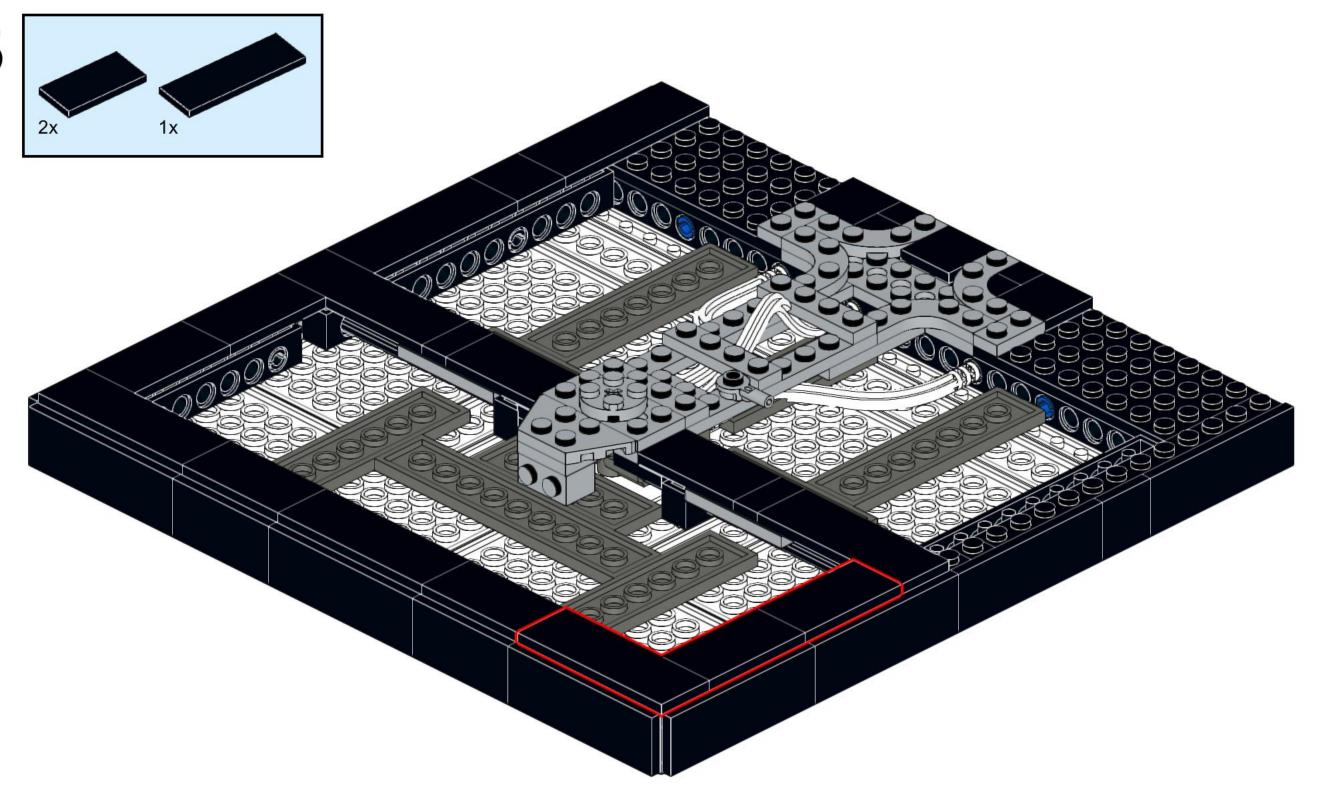


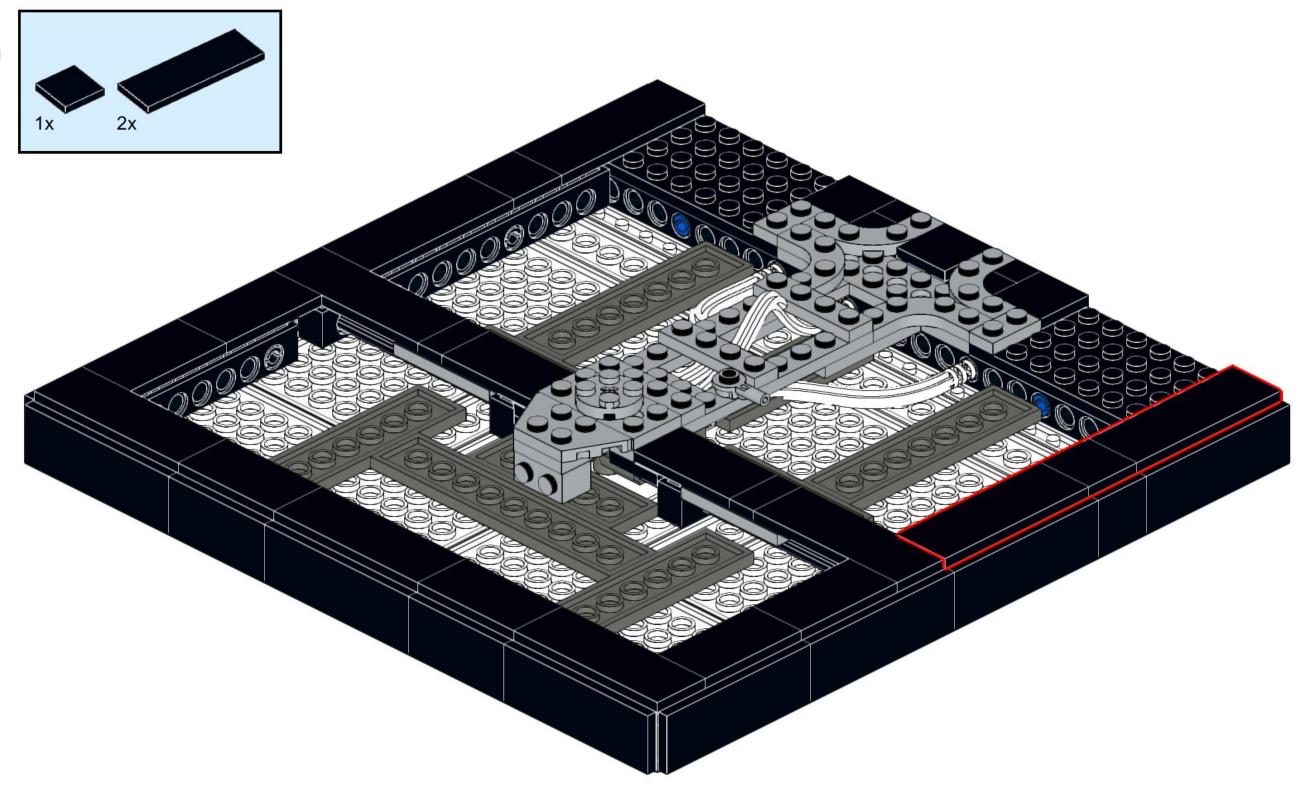


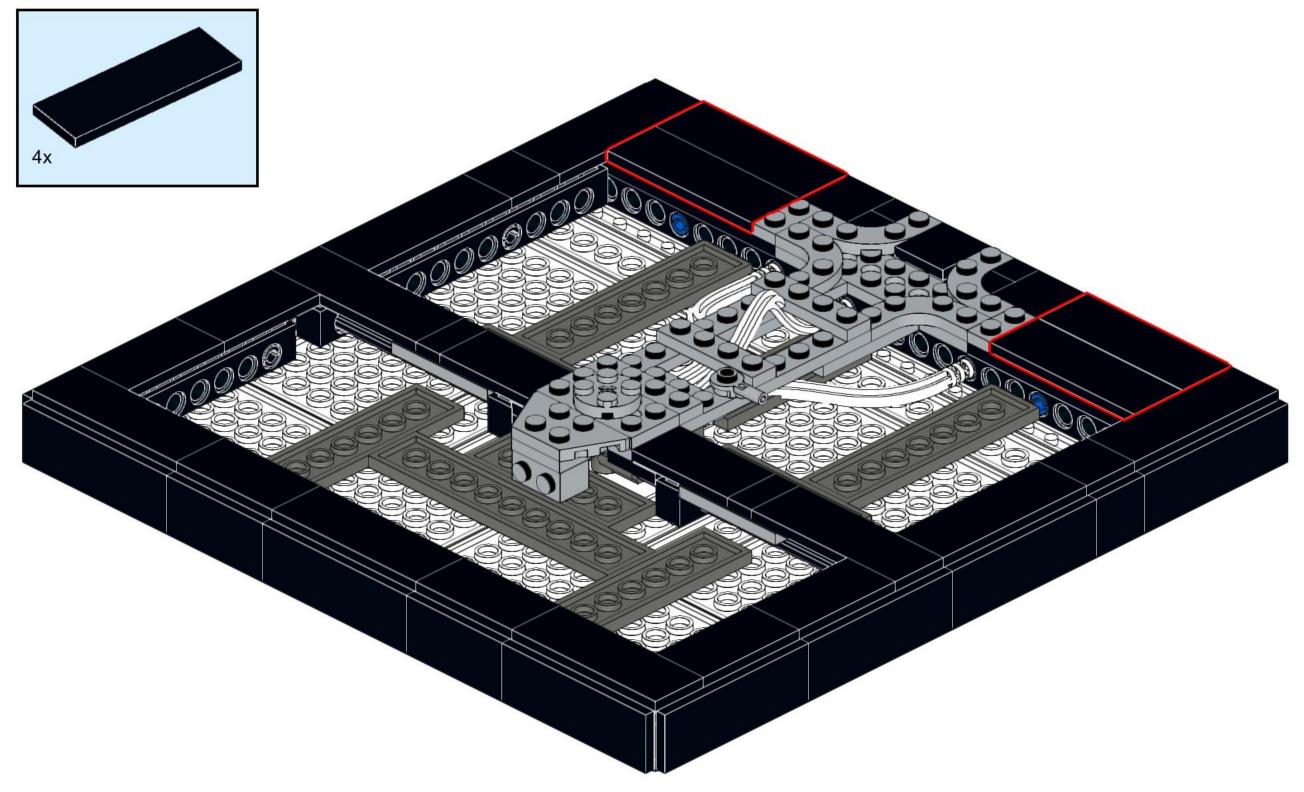


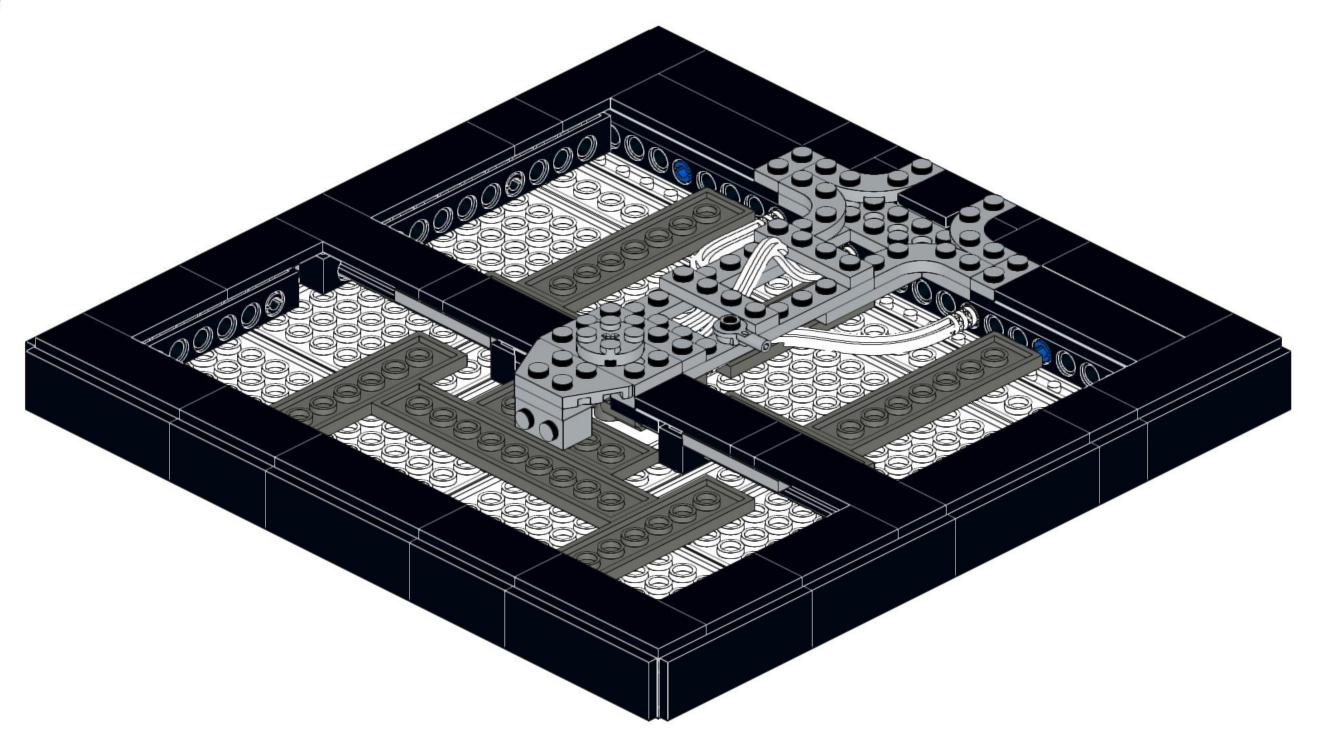


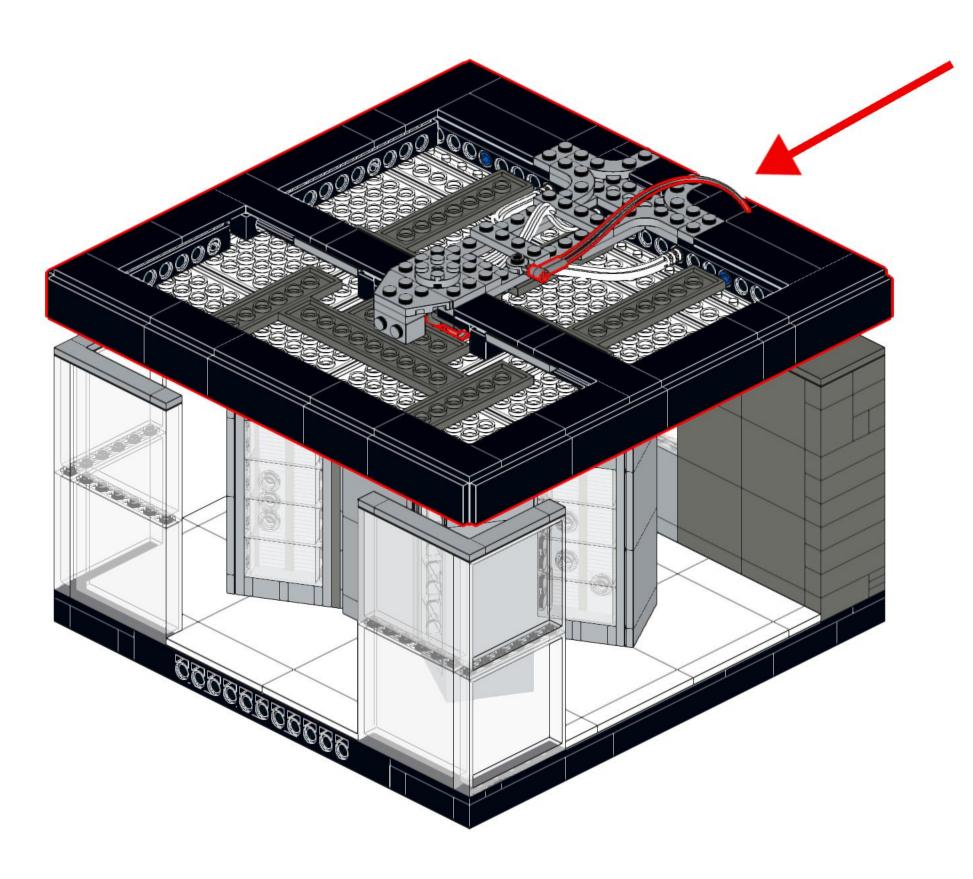




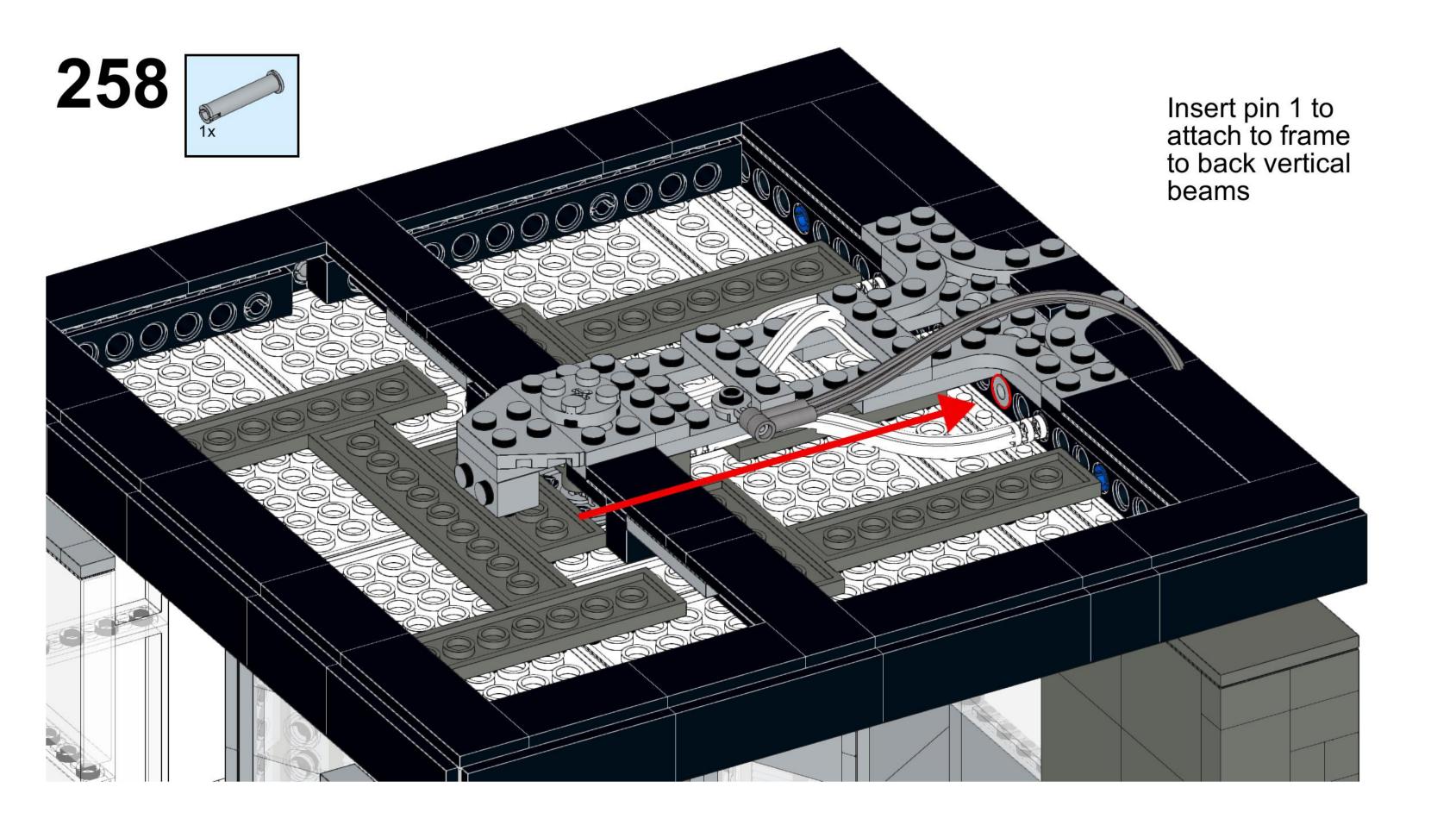




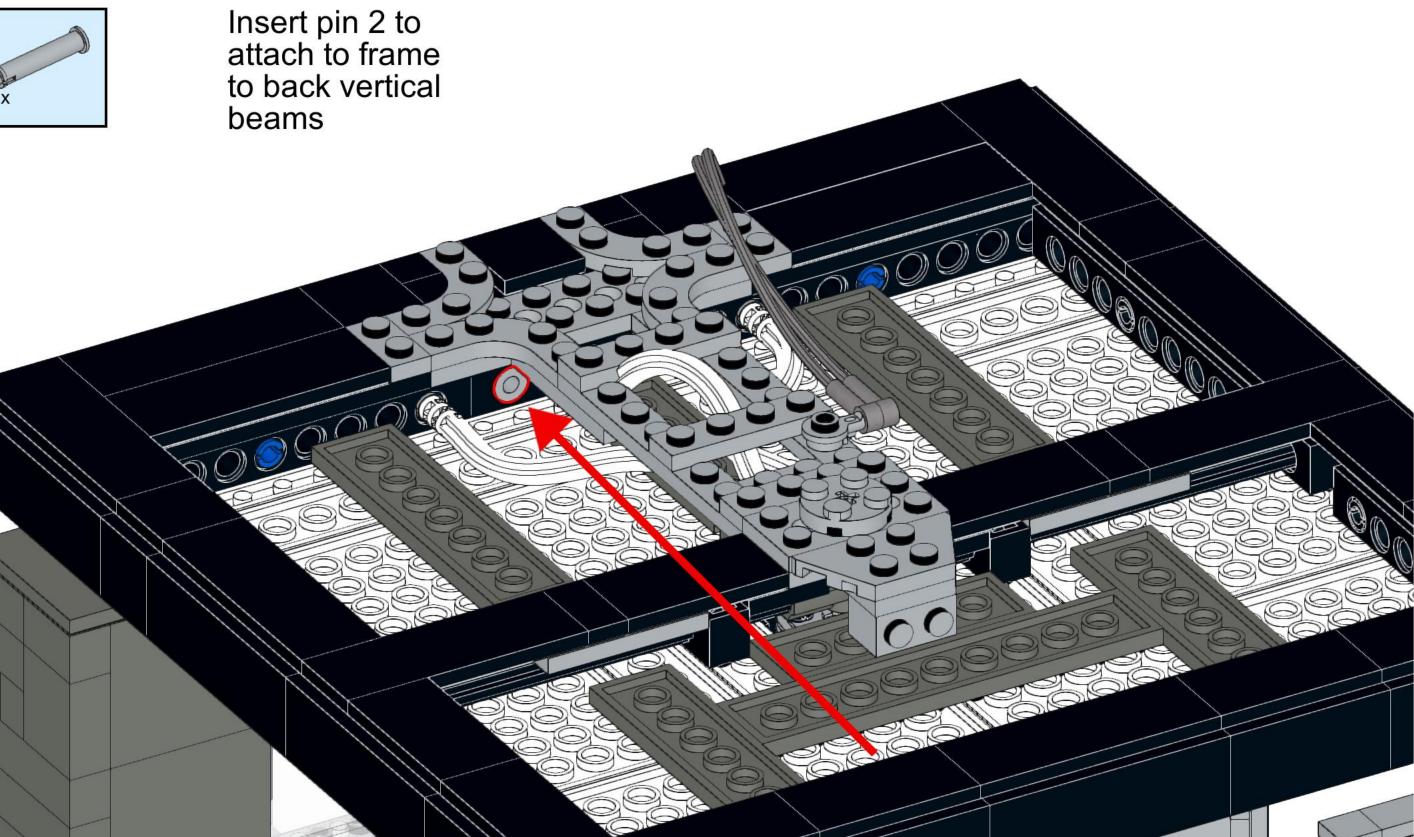


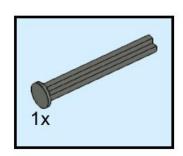


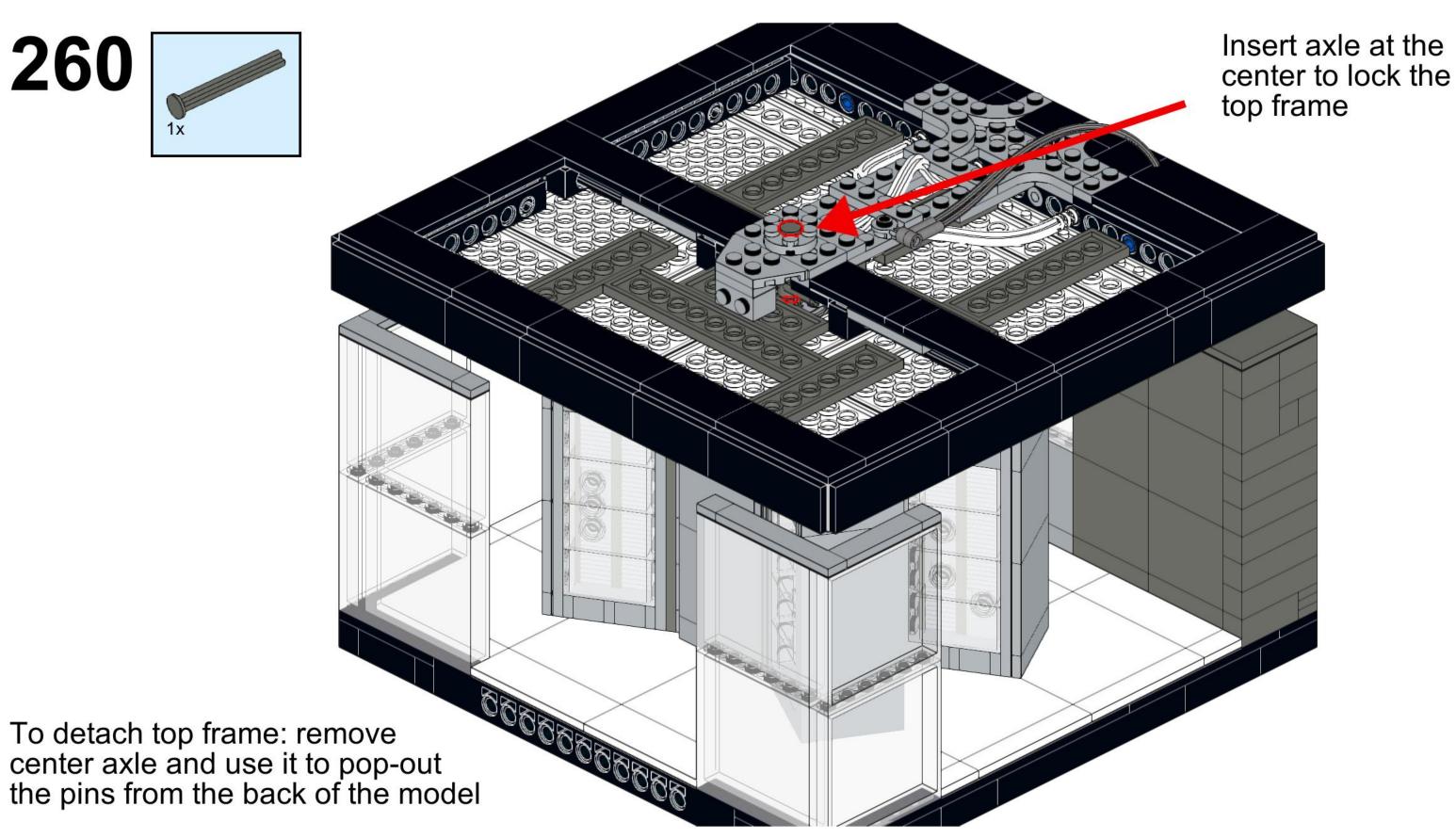
Let the two cables pass behind the back of the top frame

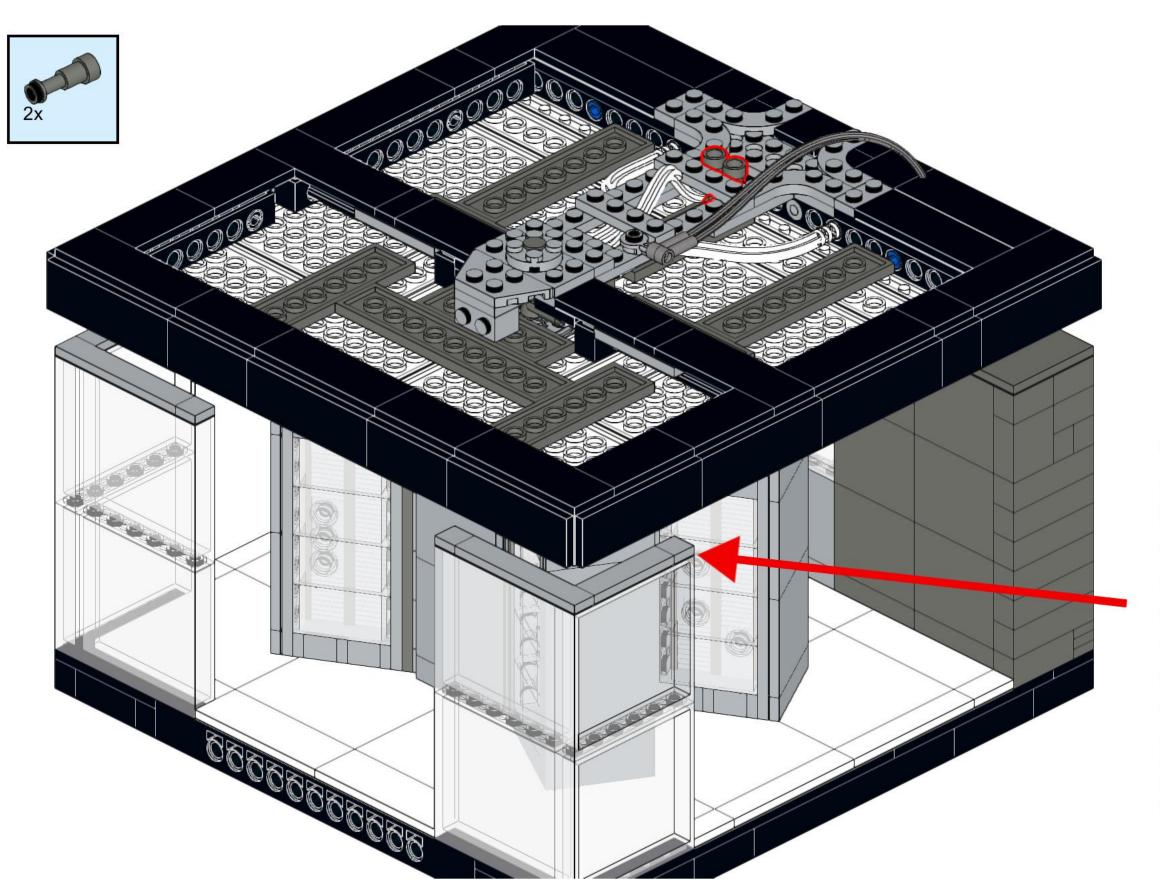




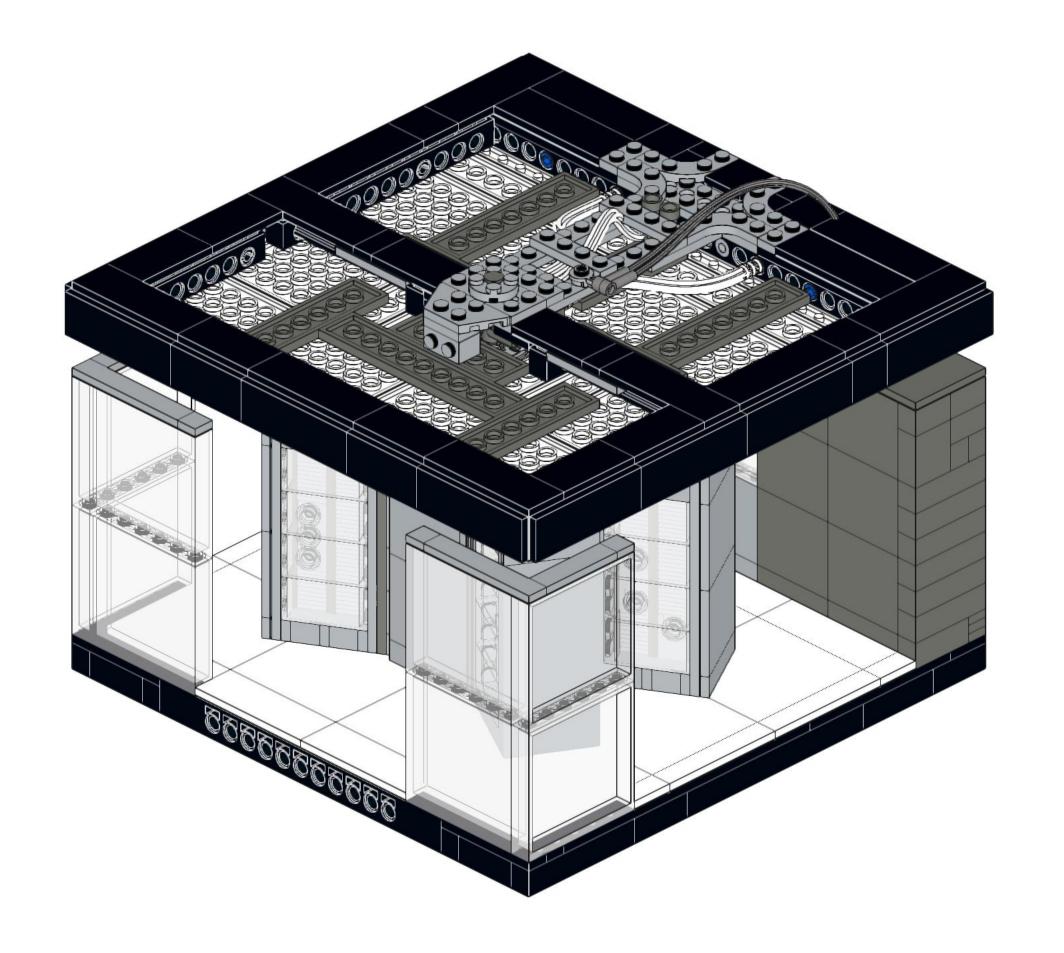


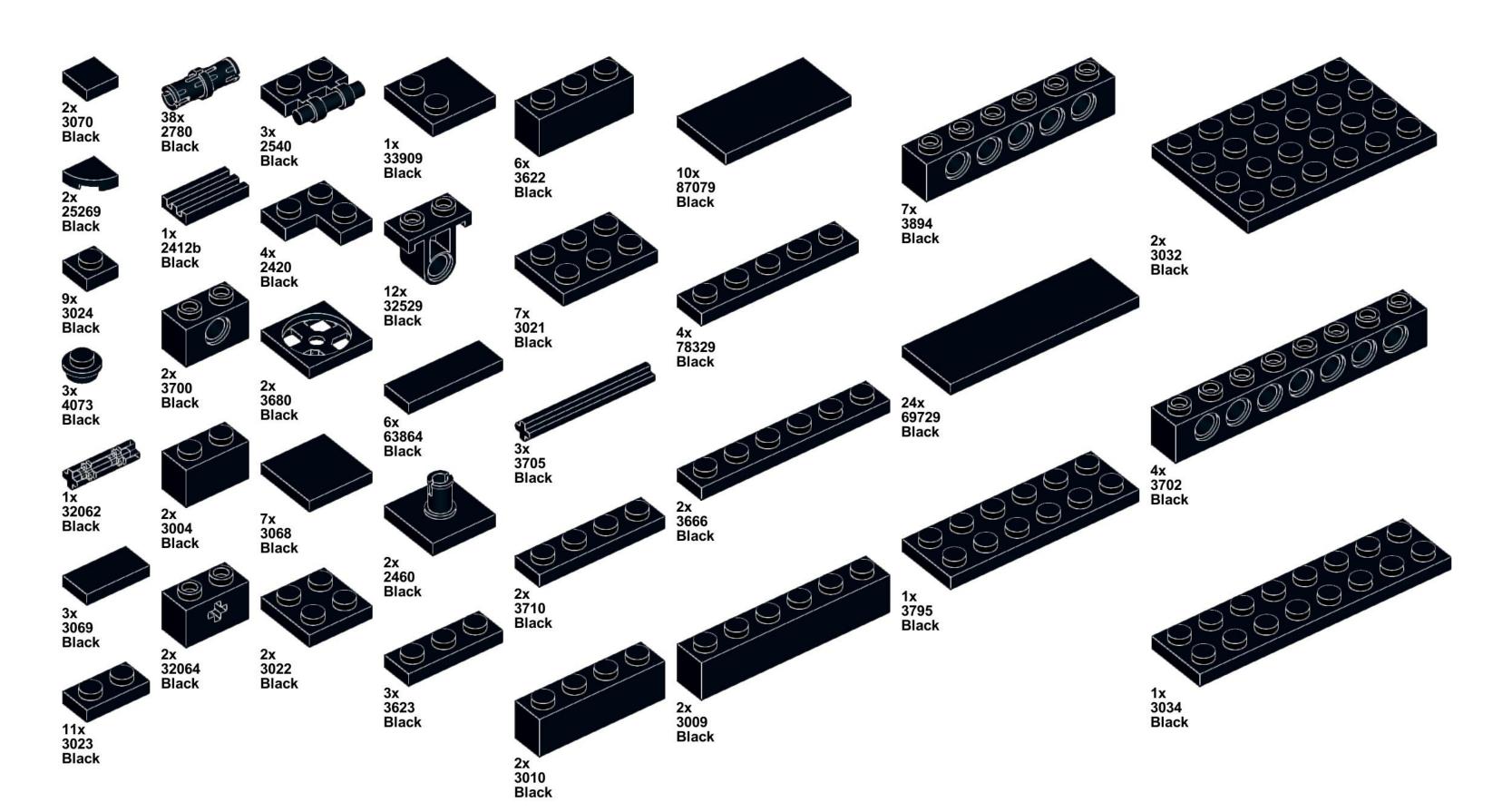






These 2 additional parts can be used to reinforce top frame during model transportation: just remove the flat 1x1 tiles from glass front panels and place them to connect glass to the top frame





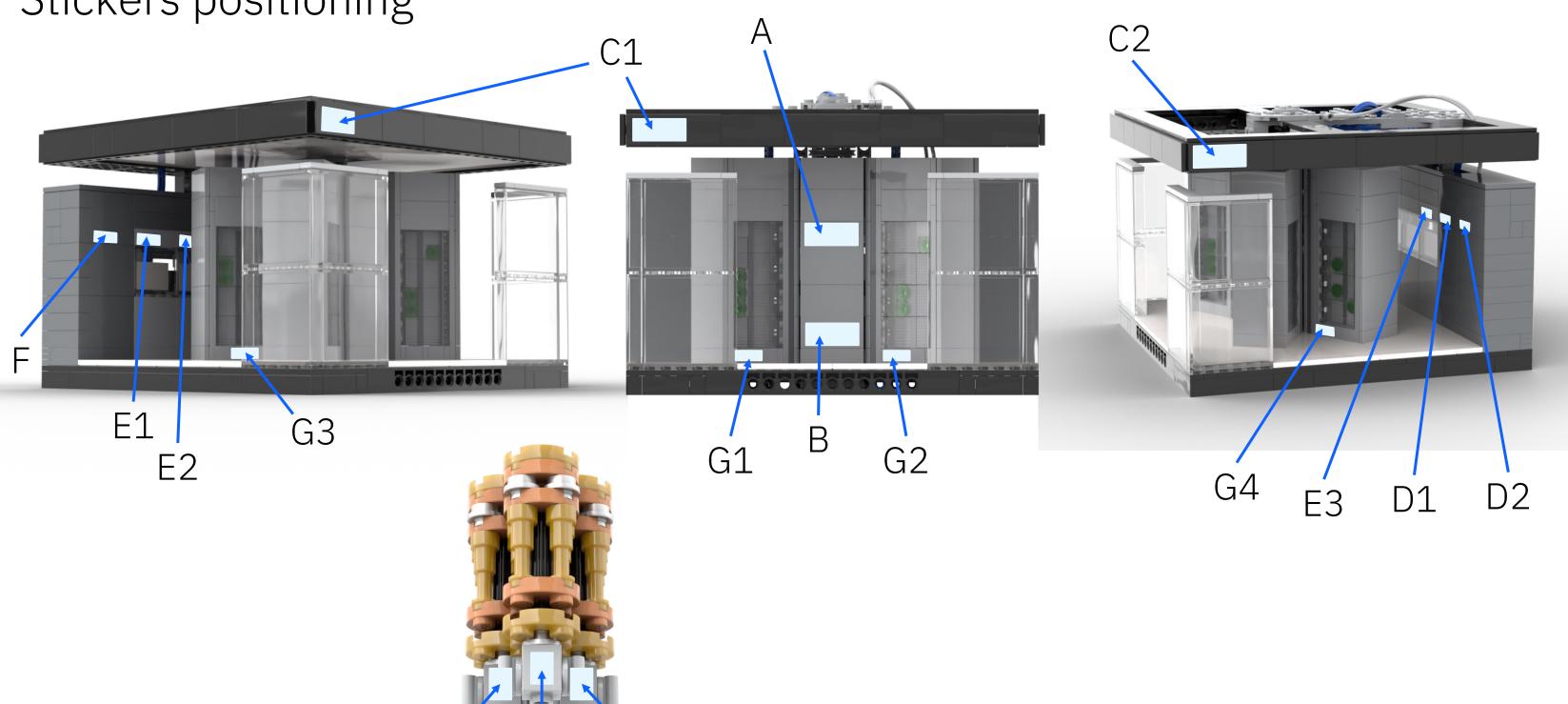
Stickers to print 1:1 scale

White, transparent background



Be sure not to print the sticker borders!

Stickers positioning

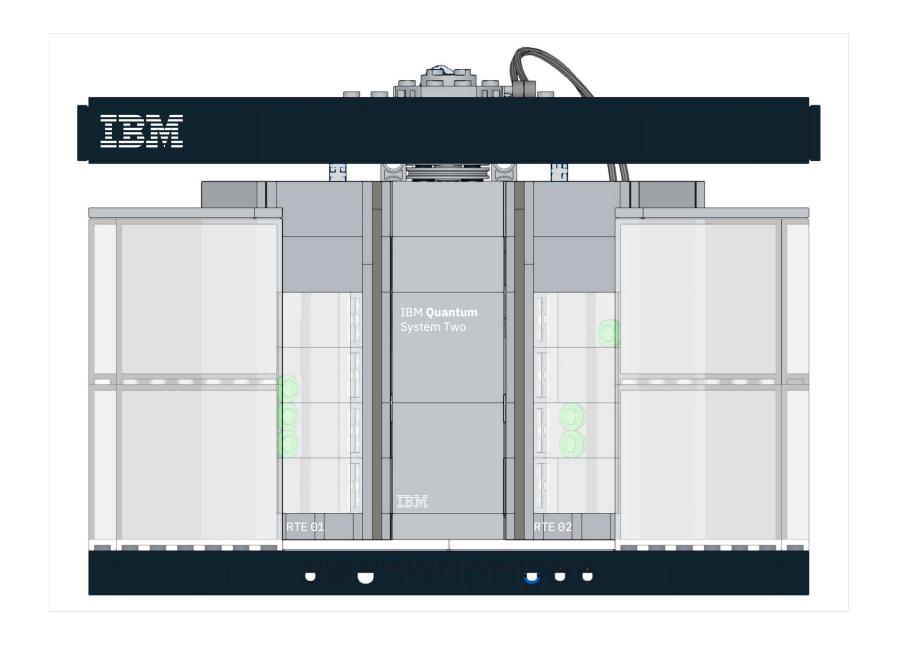


Н3

H1

All done and ready to post your model online?

Please use
#IBM #IBMQuantum #Qiskit
and appropriate event
hashtags also so we
can see your creation!



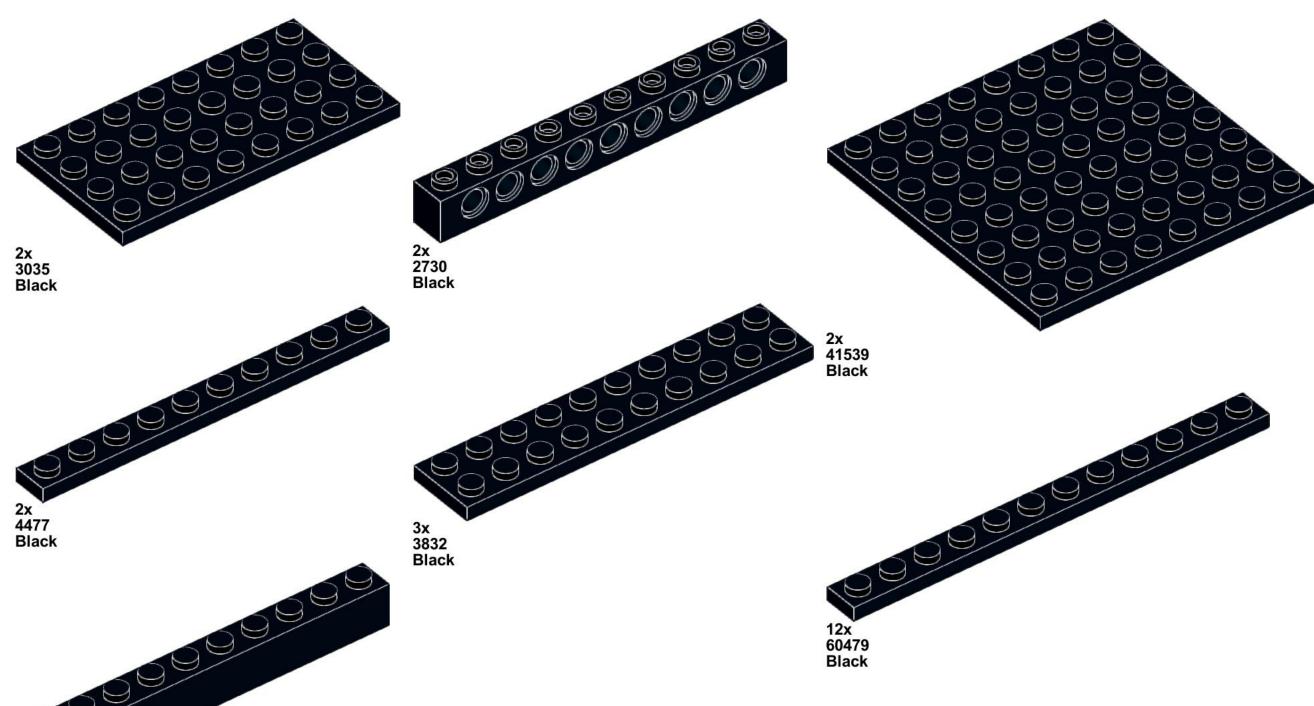
IBM Quantum System Two Lego model

v3 - Changelog - May 2025

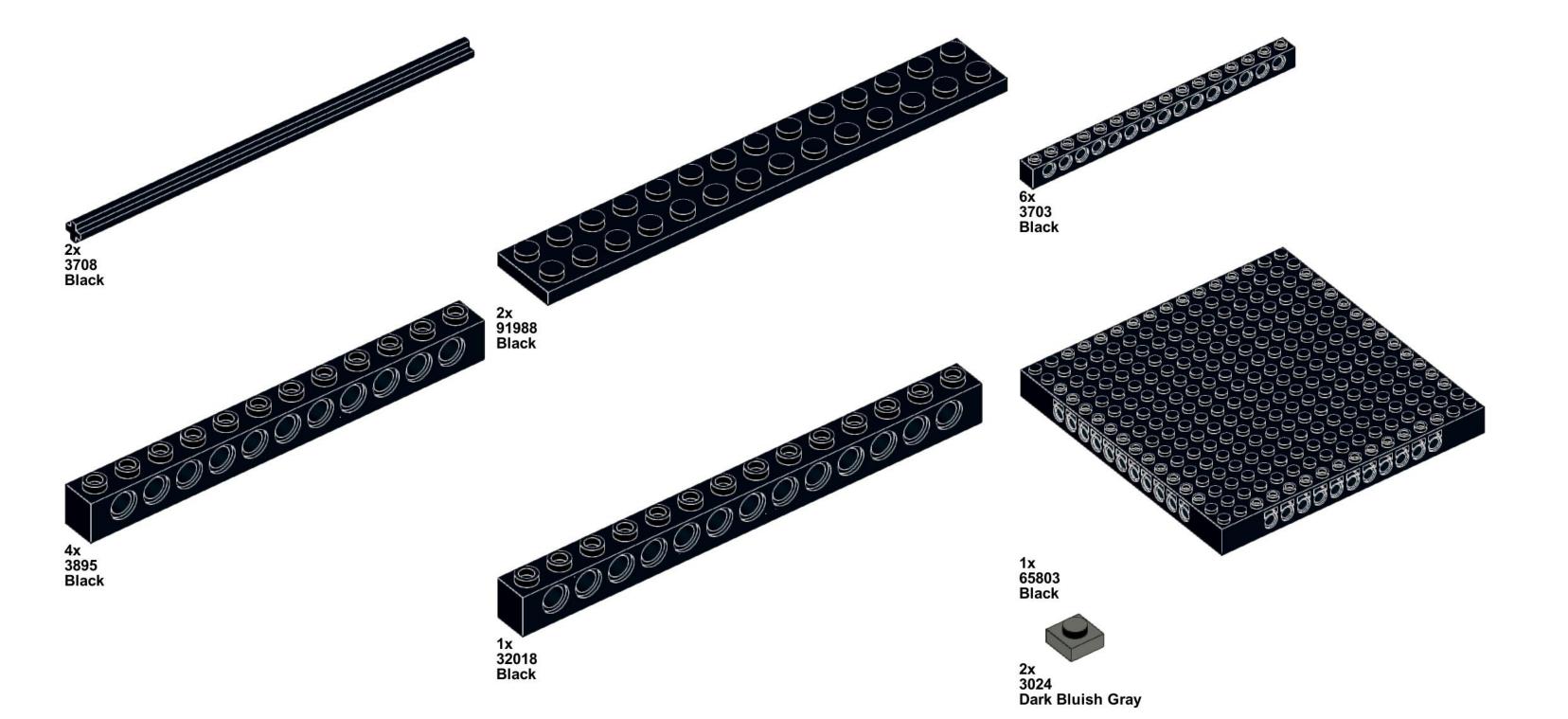
- Overall stability enhanced
- Added handle to easily open quantum portal
- Simplified top frame anchor by changing mount order of main axle
- Added pins to easily attach/detach top frame
- Added elements to support top frame for model transportation

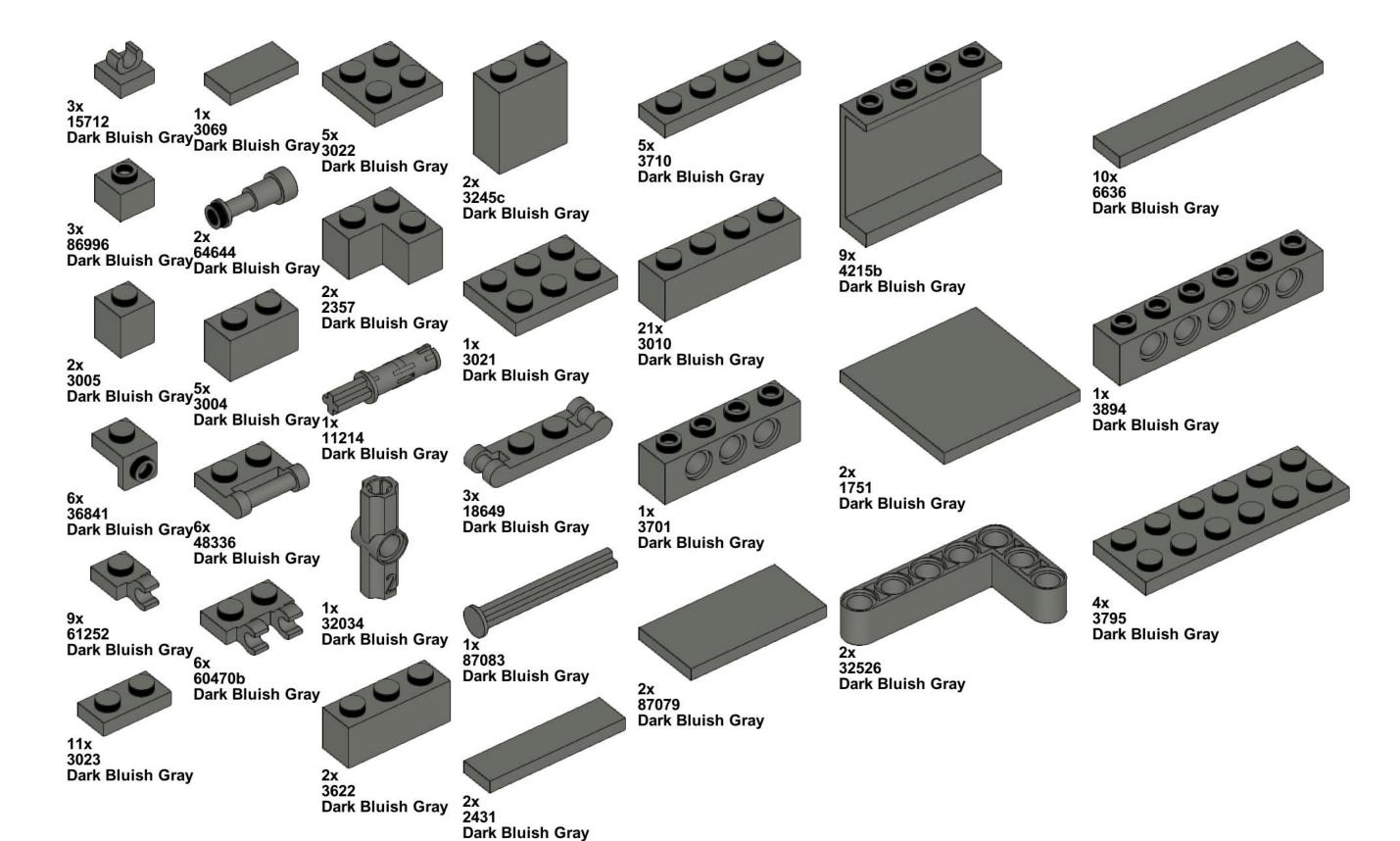
Status

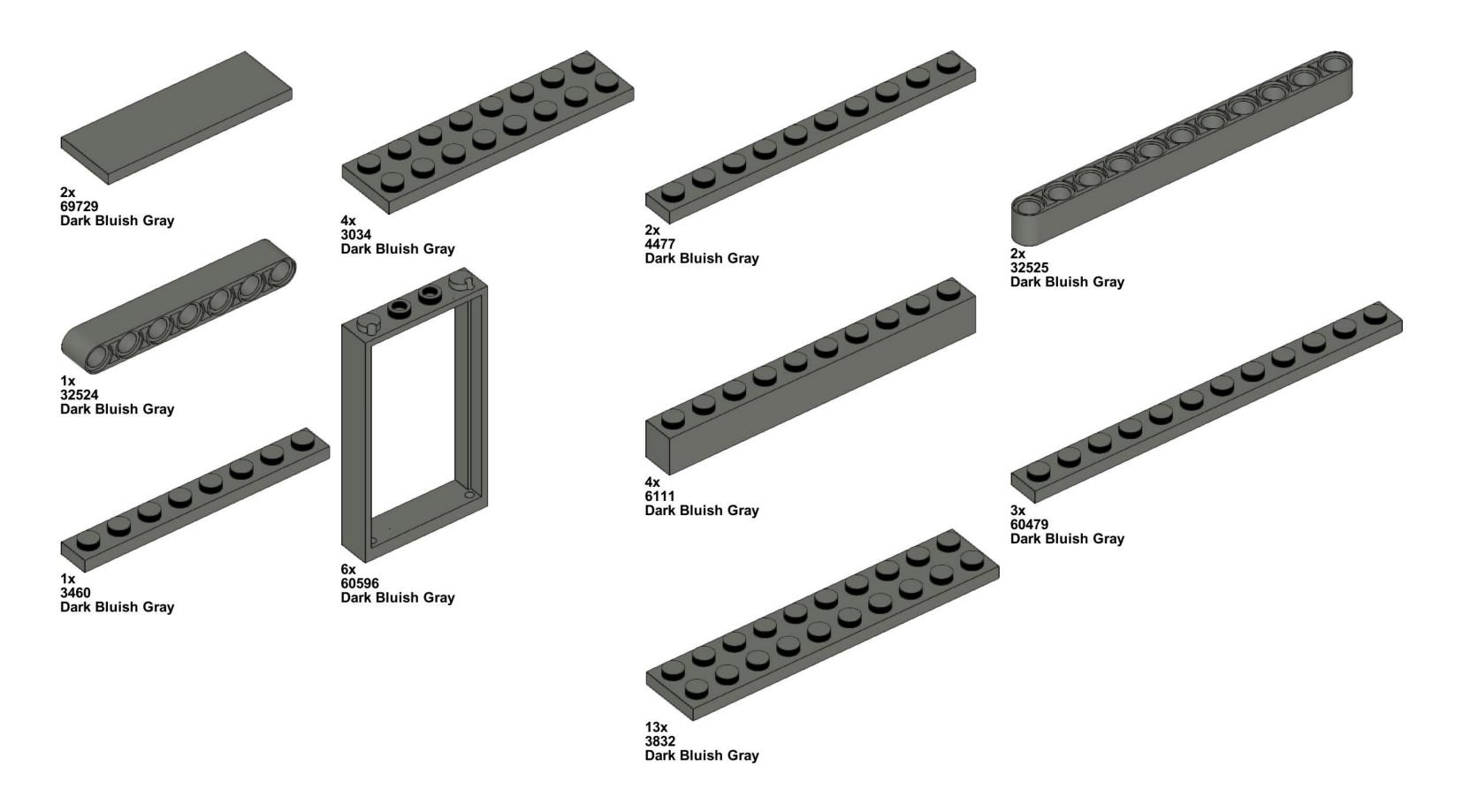
- Ready to physically build
- Only official and not-retired parts are used: check actual for pieces avalilability on Pick-a-Brick websites
- Parts count: 1024 pcs/pzs
- Published on quantego.org

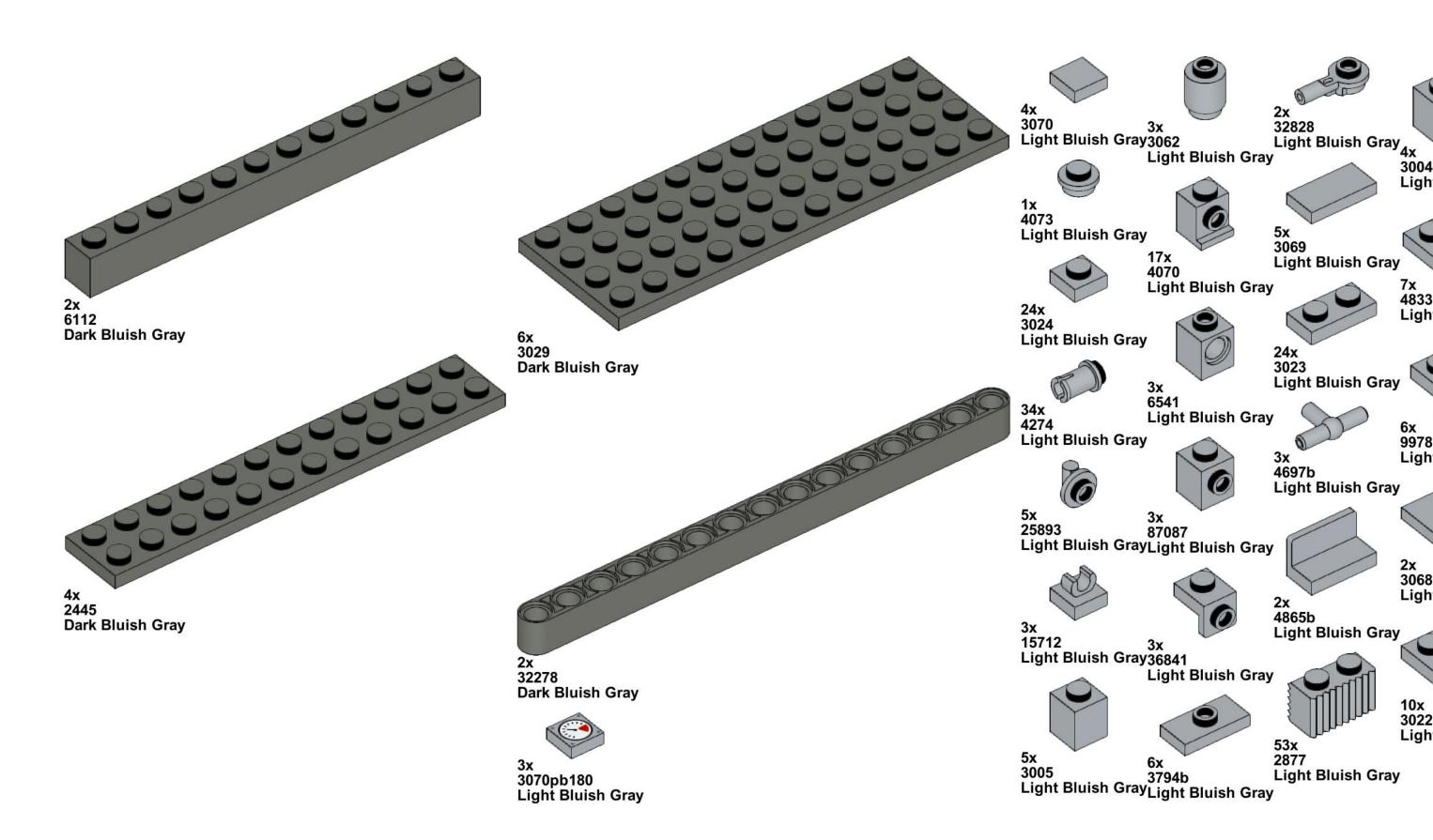


2x 6111 Black









3004 Light Bluish Gray

7x 48336 Light Bluish Gray

Light Bluish Gray

2x 3068 Light Bluish Gray

10x 3022 Light Bluish Gray

6x 99781

