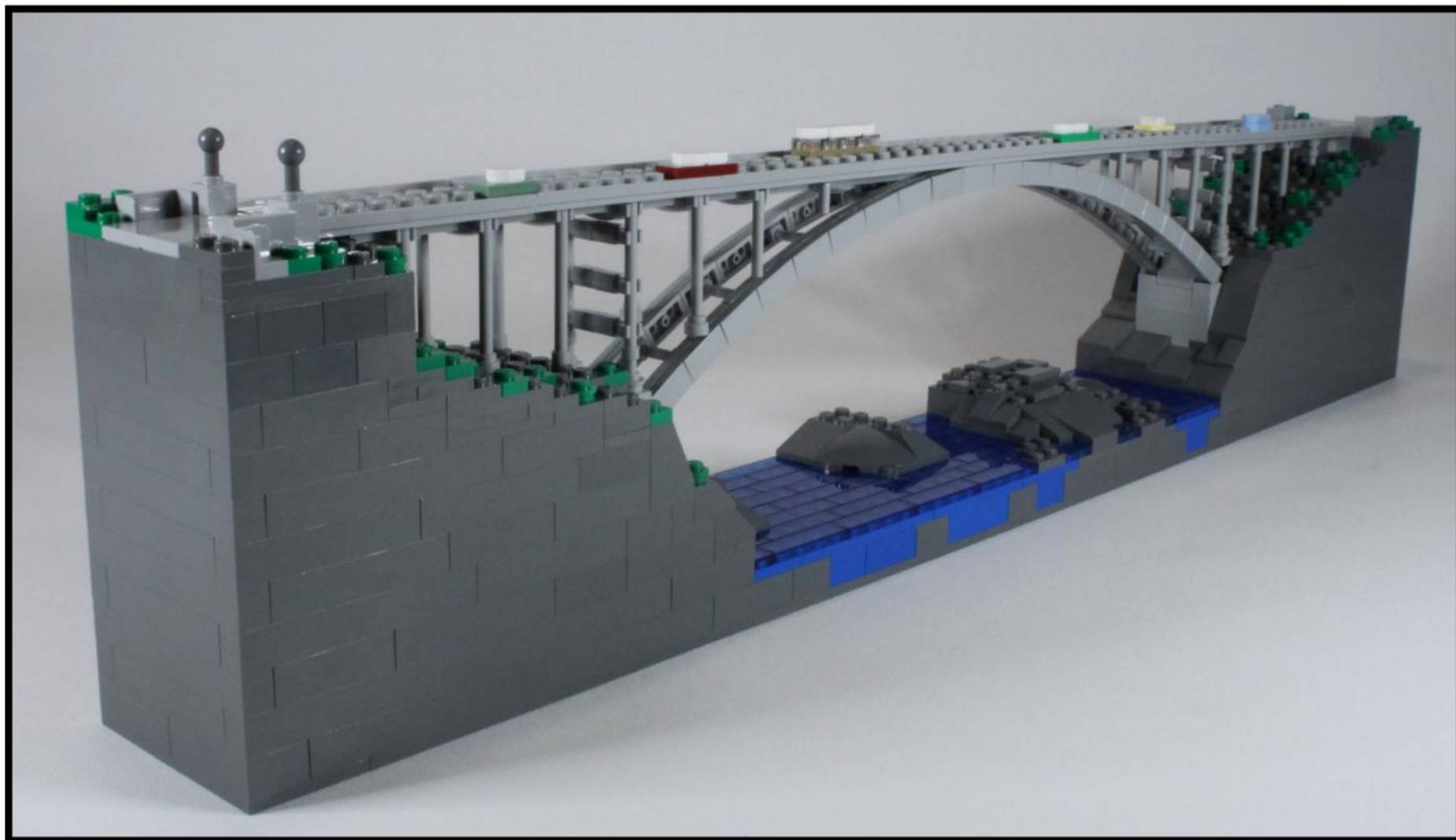




Pont d'aluminium d'Arvida

Jeu de construction

811 pcs



Inauguré le 16 juillet 1950, le pont d'aluminium d'Arvida est le premier au monde à avoir été entièrement construit en aluminium. Il résulte de plusieurs années de recherche et de développement effectué par les chimistes et ingénieurs de l'Aluminum Company of Canada (Alcan). Sa conception a également mobilisé plusieurs architectes de renom. Il fait la démonstration des usages de l'aluminium en structure et en génie civil, combinant solidité, légèreté et résistance à la corrosion. Après son 75e anniversaire, il est toujours le seul pont routier à longue portée en aluminium au monde.

Inaugurated on July 16, 1950, the Arvida Aluminum Bridge was the first in the world to be built entirely of aluminum. It was the result of several years of research and development by chemists and engineers at the Aluminum Company of Canada (Alcan). Its design also involved several renowned architects. It demonstrates the uses of aluminum in structural and civil engineering, combining strength, lightness, and corrosion resistance. Even after its 75th anniversary, it remains the world's only long-span aluminum road bridge.



Pont d'aluminium au moment de son inauguration.
Crédit photo : Société historique du Saguenay, Fonds Alcan, versement d'avril 2021, AB105.

Ce véritable monument cumule plusieurs statuts de reconnaissance patrimoniale : citation d'immeuble patrimonial par la Ville de Saguenay, désignation de site historique national de génie civil par la Société canadienne de génie civil, et désignation de monument historique par AMS International; une distinction également accordée à des icônes mondiales telles que la tour Eiffel à Paris et la statue de la Liberté à New York. Cette désignation place le pont parmi les piliers de l'histoire de la découverte, du développement et de l'essor des métaux et de la métallurgie.



Le pont aujourd'hui. Crédit photo : Ville de Saguenay.

This true monument has earned several heritage designations: recognition as a heritage building by the City of Saguenay, designation as a National Historic Civil Engineering Site by the Canadian Society for Civil Engineering, and designation as a historic monument by AMS International—a distinction also granted to global icons such as the Eiffel Tower in Paris and the Statue of Liberty in New York. This designation places the bridge among the cornerstones of the history of the discovery, development, and advancement of metals and metallurgy.

Originaire de Québec, Philippe Moisan est enseignant de mathématique, entraîneur de natation et passionné d'informatique. Après un «dark age» de quinze ans, en 2009 il redécouvre avec ses enfants le plaisir de construire, puis il rejoint le QuéLUG. Le Québec LEGO User Group rassemble des adultes de toute la province.

Créateur polyvalent, il est toujours à la recherche d'un nouveau défi à relever. Voilà pourquoi il participe assidument aux concours organisés par le club, lors des conventions ou en ligne. C'est ce qui l'a mené à exposer une de ses créations à la LEGO House au Danemark en 2025.

Vous pouvez voir la majorité de ses créations sur flickr.
[flickr.com/people/140995756@N05](https://www.flickr.com/people/140995756@N05)
Certaines sont même en vente sur Rebrickable.
rebrickable.com/users/m.philippe.moisan

Philippe Moisan is a high school mathematics teacher, swimming coach and computer geek from Quebec. After a fifteen years "dark age", he rediscovers the joy of building in 2009 with his children, before joining the QueLUG. The Quebec LEGO User Group brings together adults from across the province.

Versatile creator, he is always up for a new challenge. He never misses the contests organized by the club, at conventions or online. That's what led him to have a creation displayed at the LEGO House in Denmark in 2025.

You can see most of his work on flickr.
[flickr.com/people/140995756@N05](https://www.flickr.com/people/140995756@N05)
Some even have instructions available on Rebrickable.
rebrickable.com/users/m.philippe.moisan

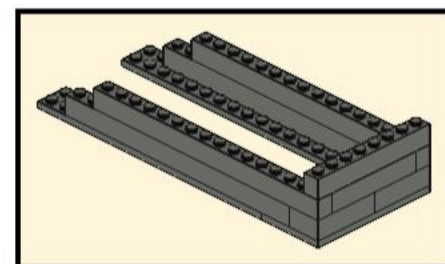
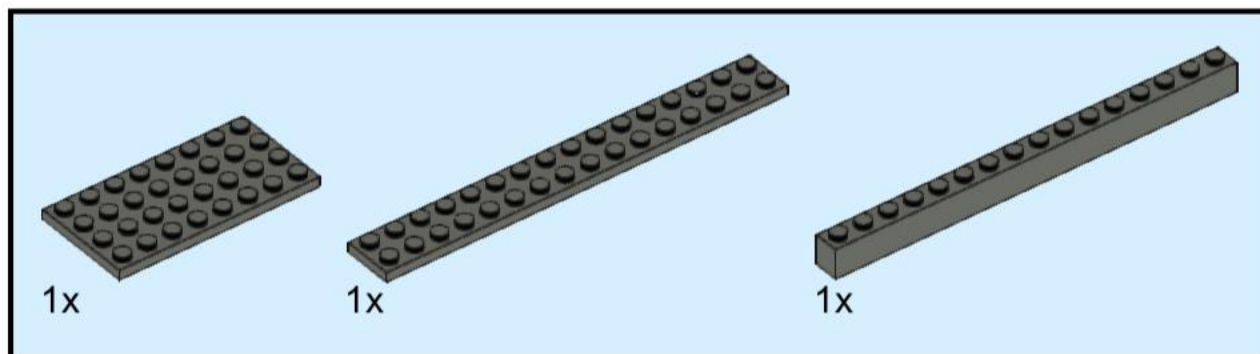
Concepteur du modèle



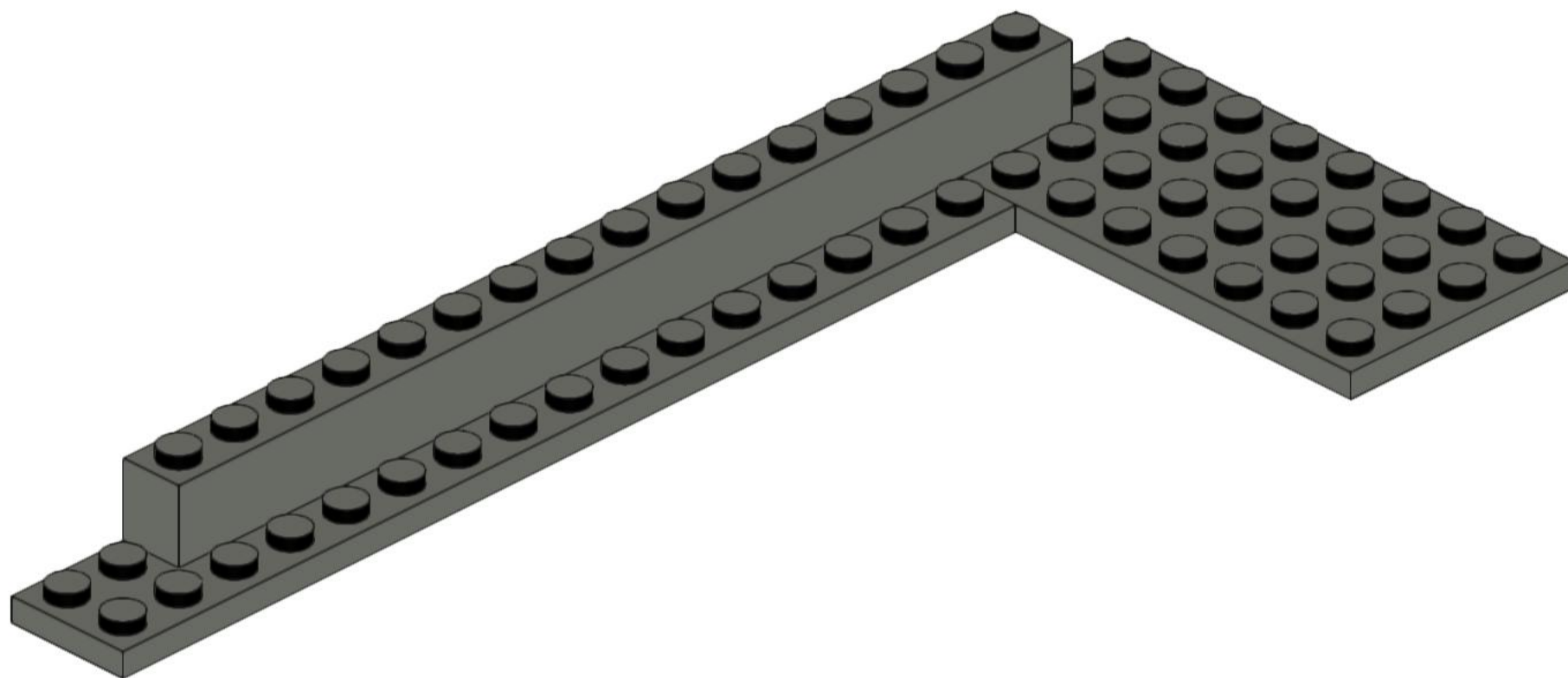
Philippe & The secret life of a computer
LEGO House 2025

m.philippe.moisan@gmail.com

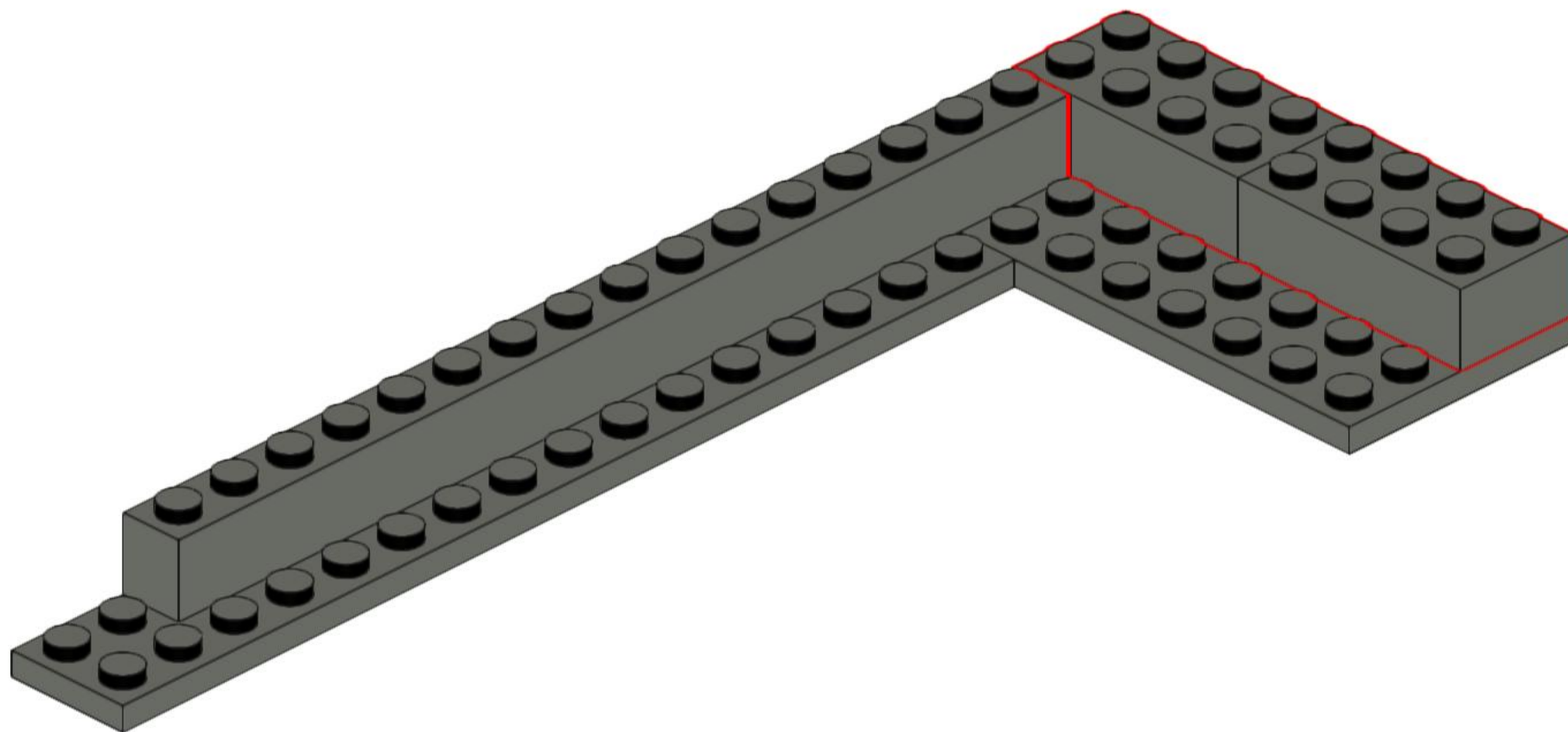
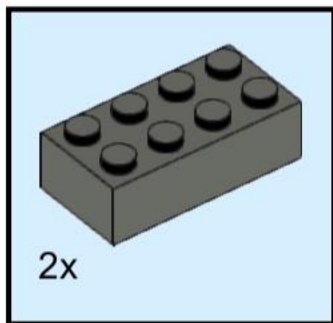
1



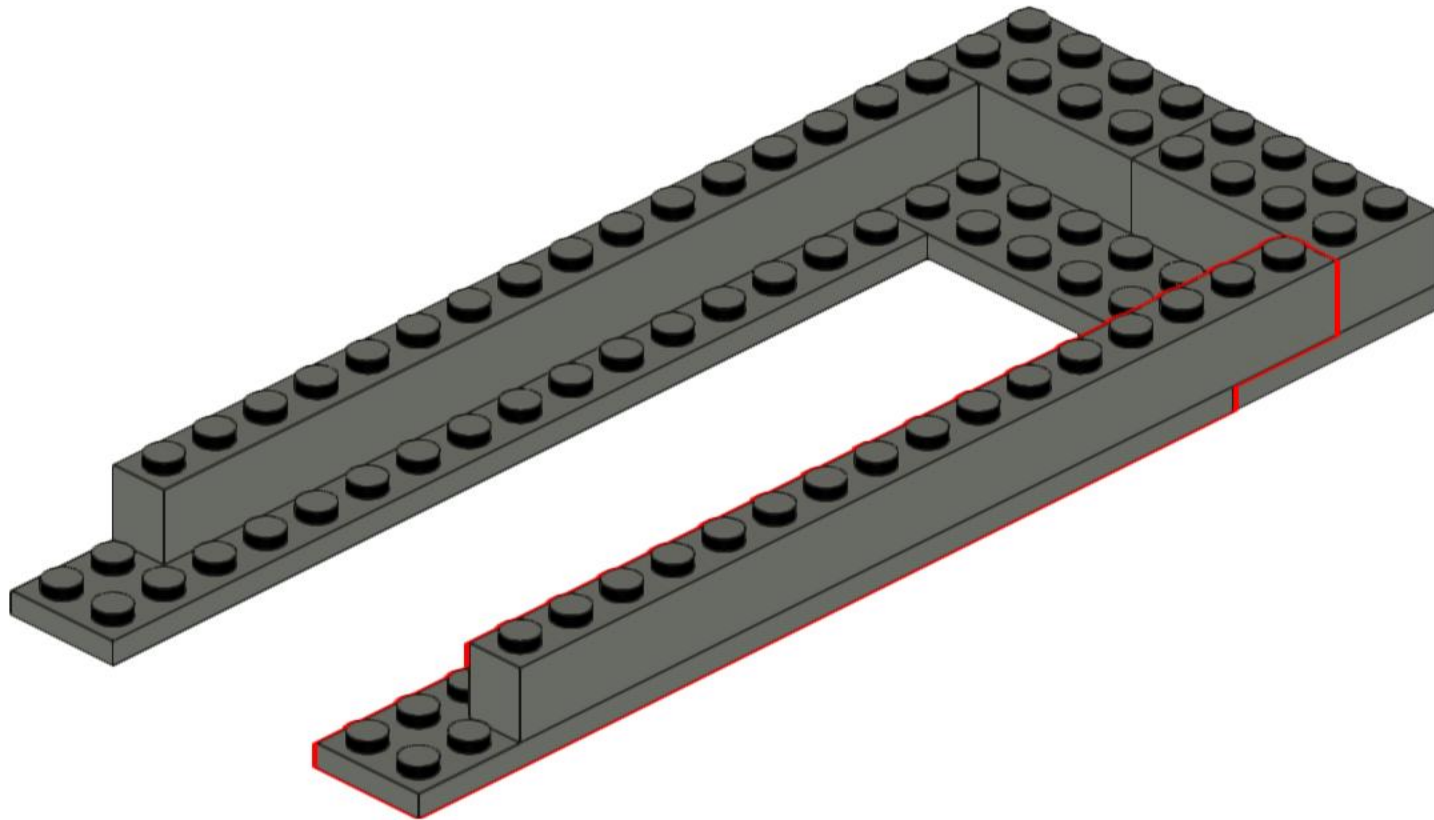
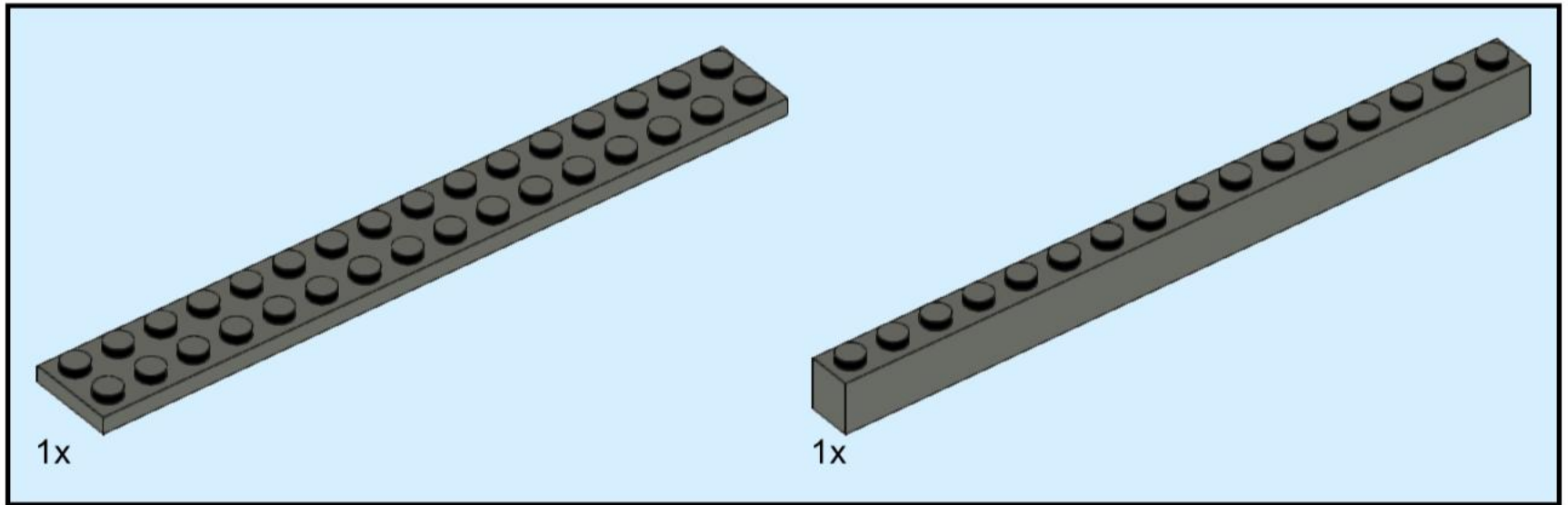
2x



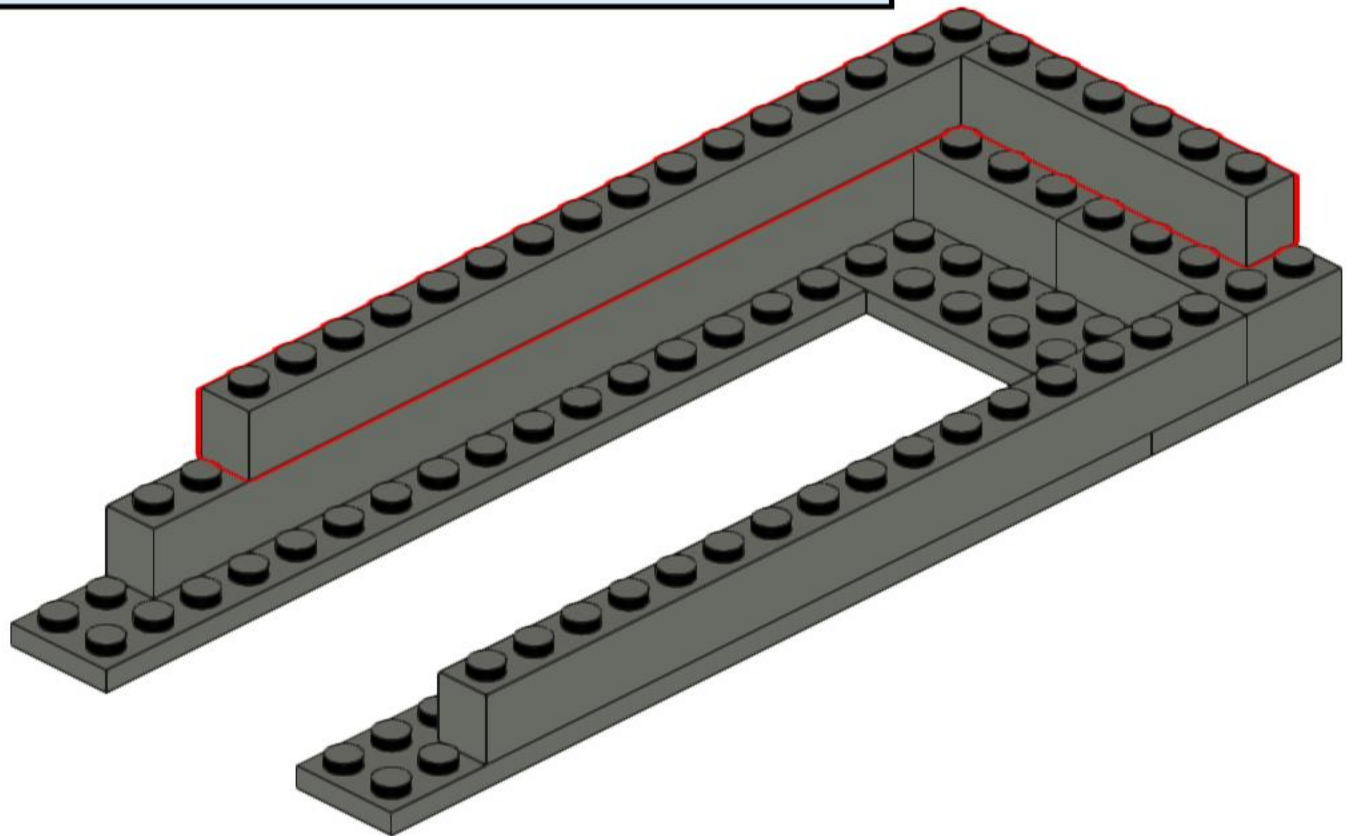
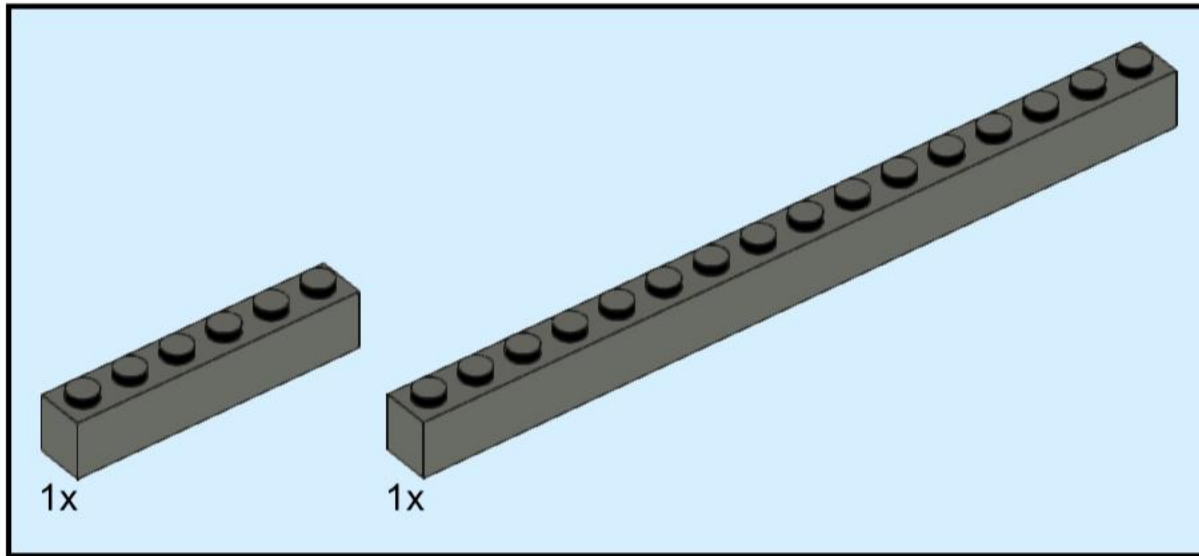
2



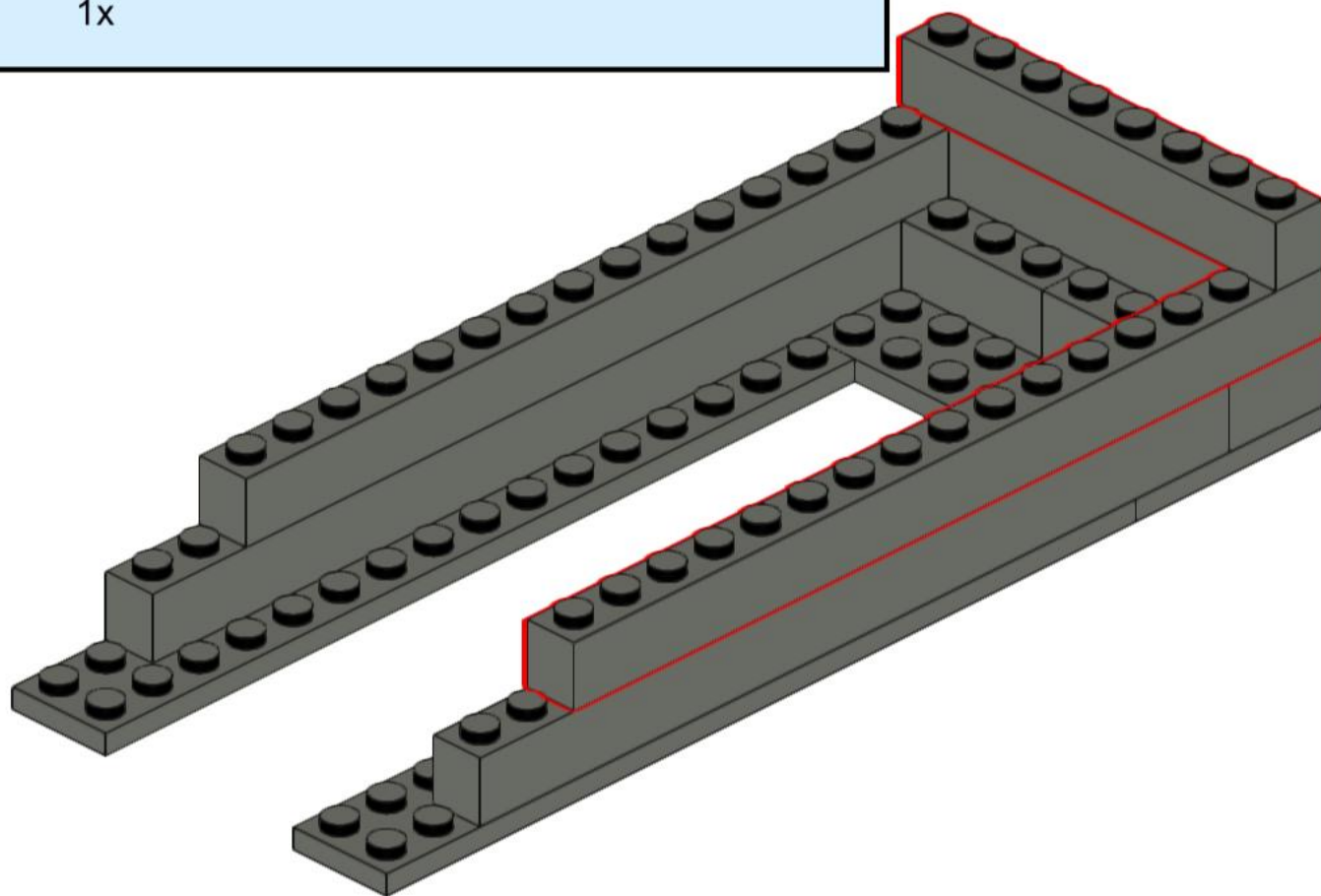
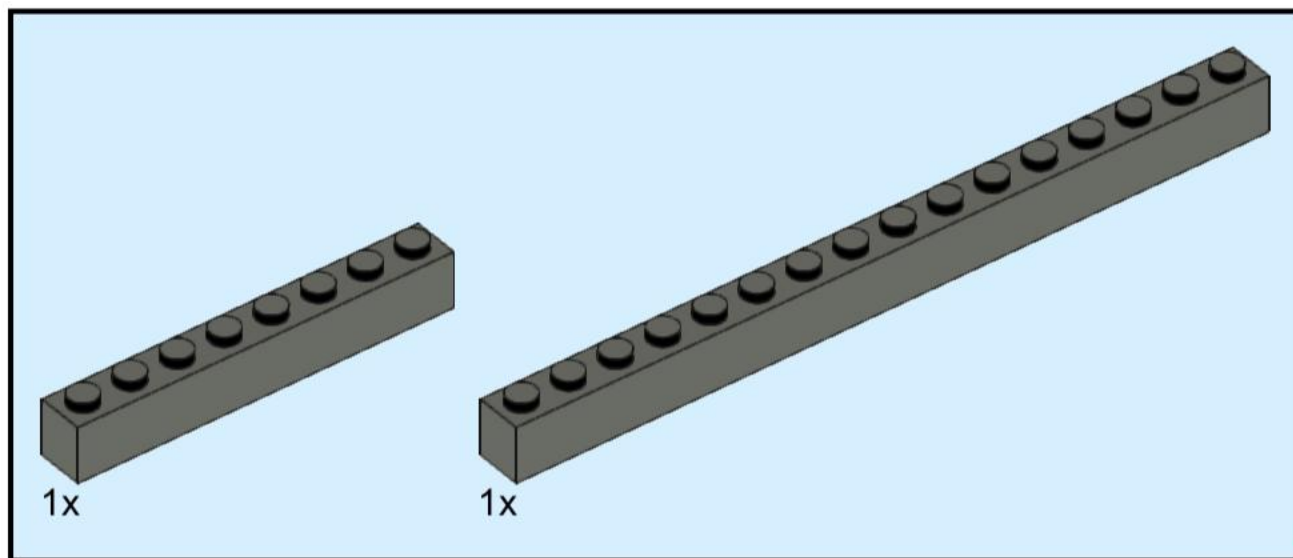
3



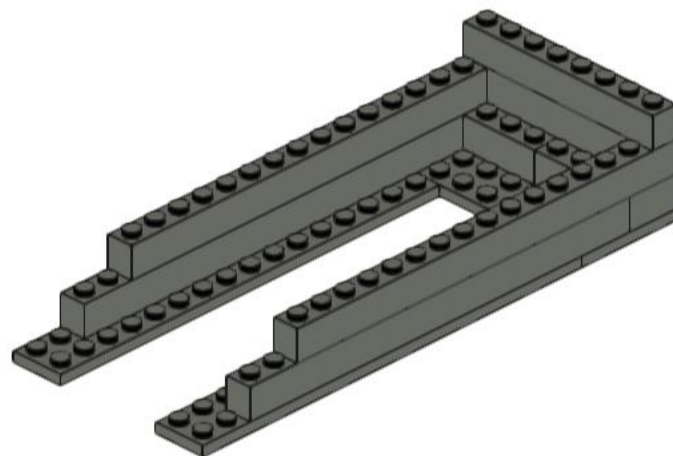
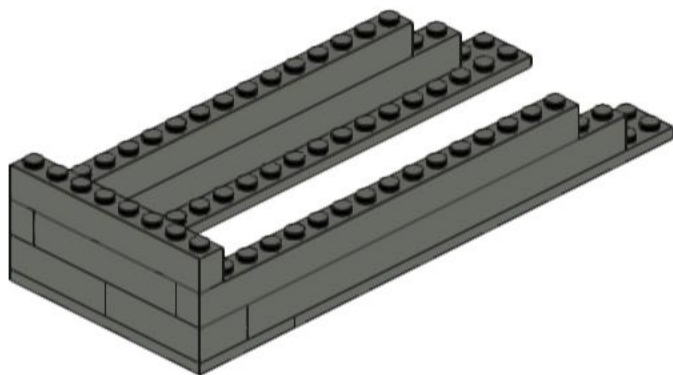
4



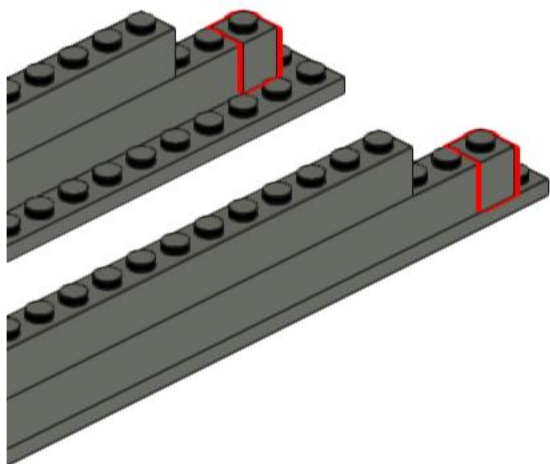
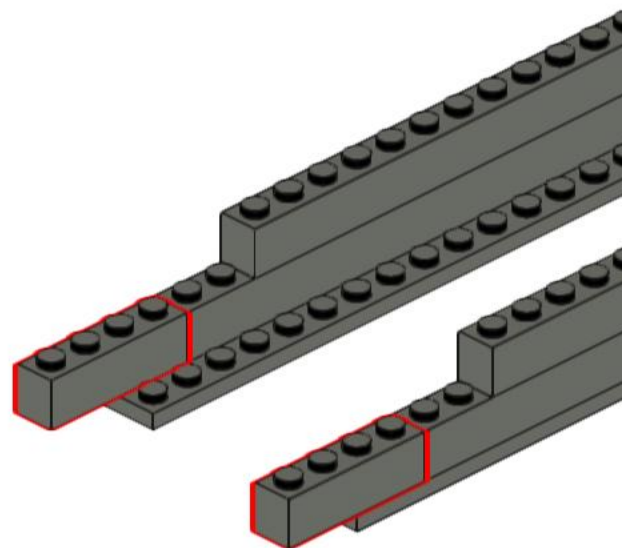
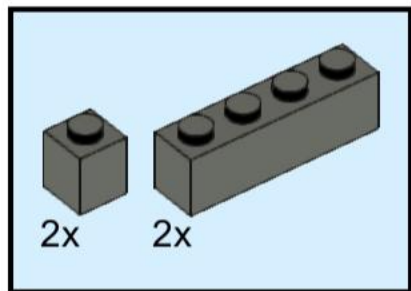
5



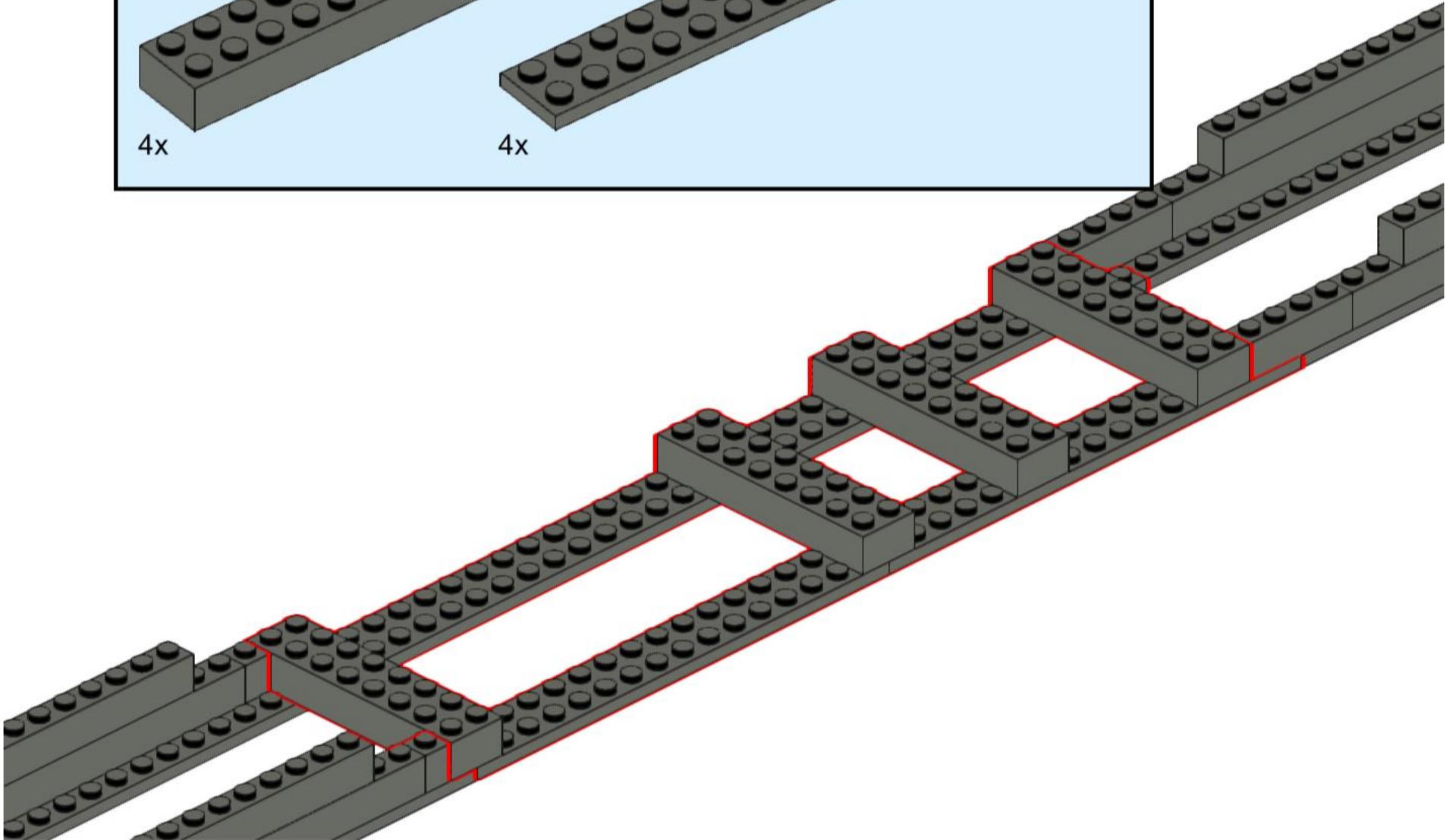
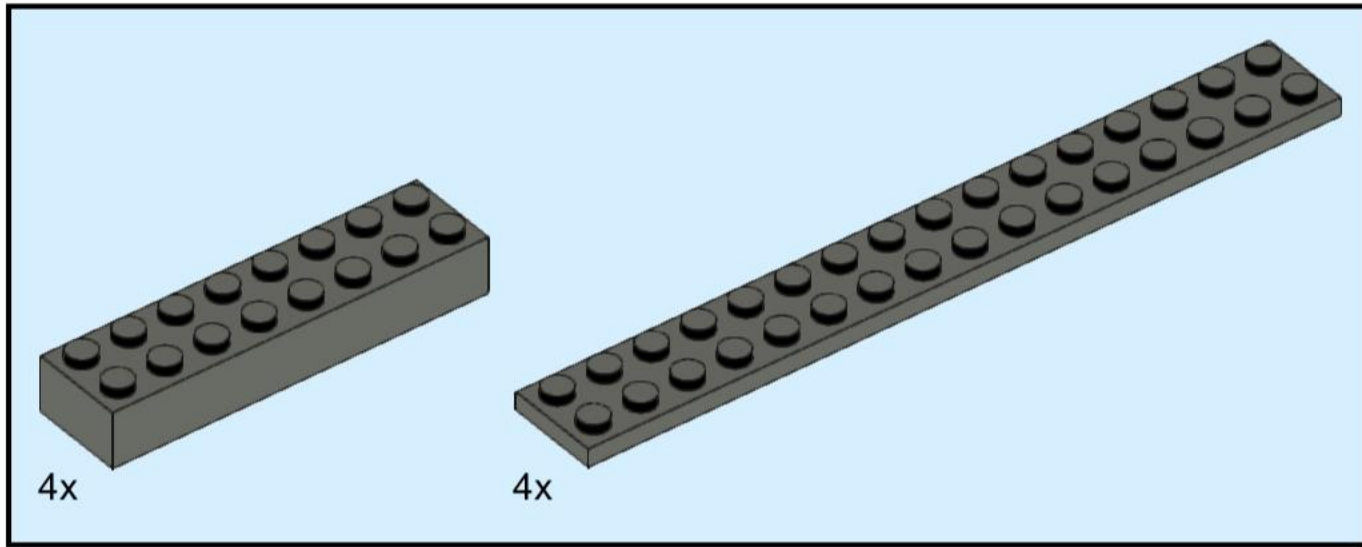
6



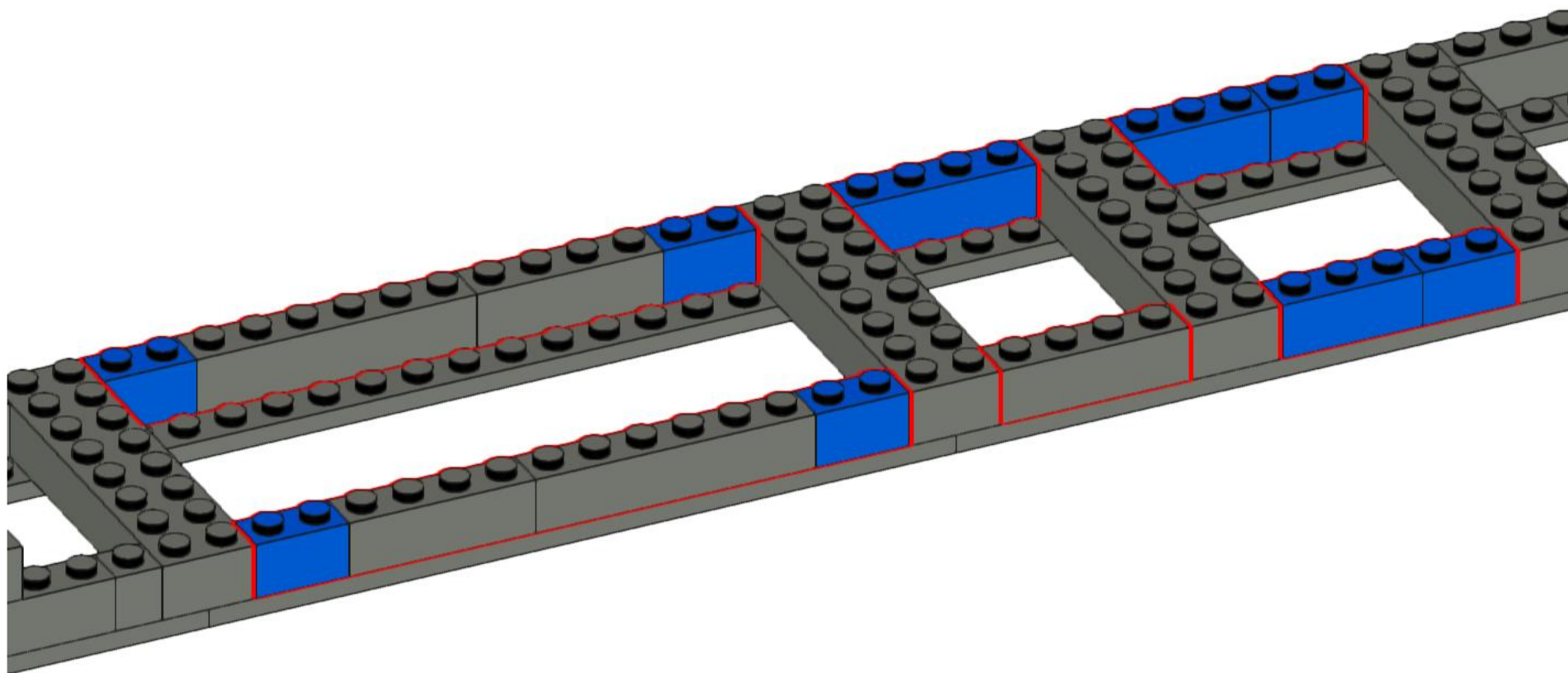
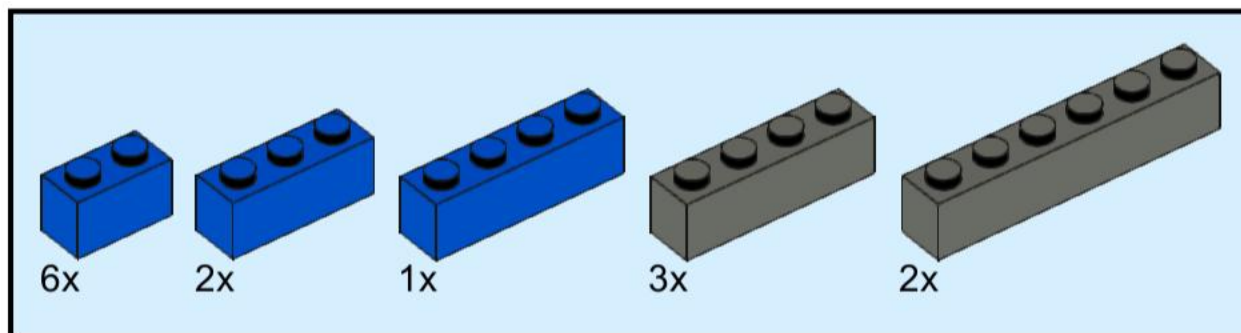
7



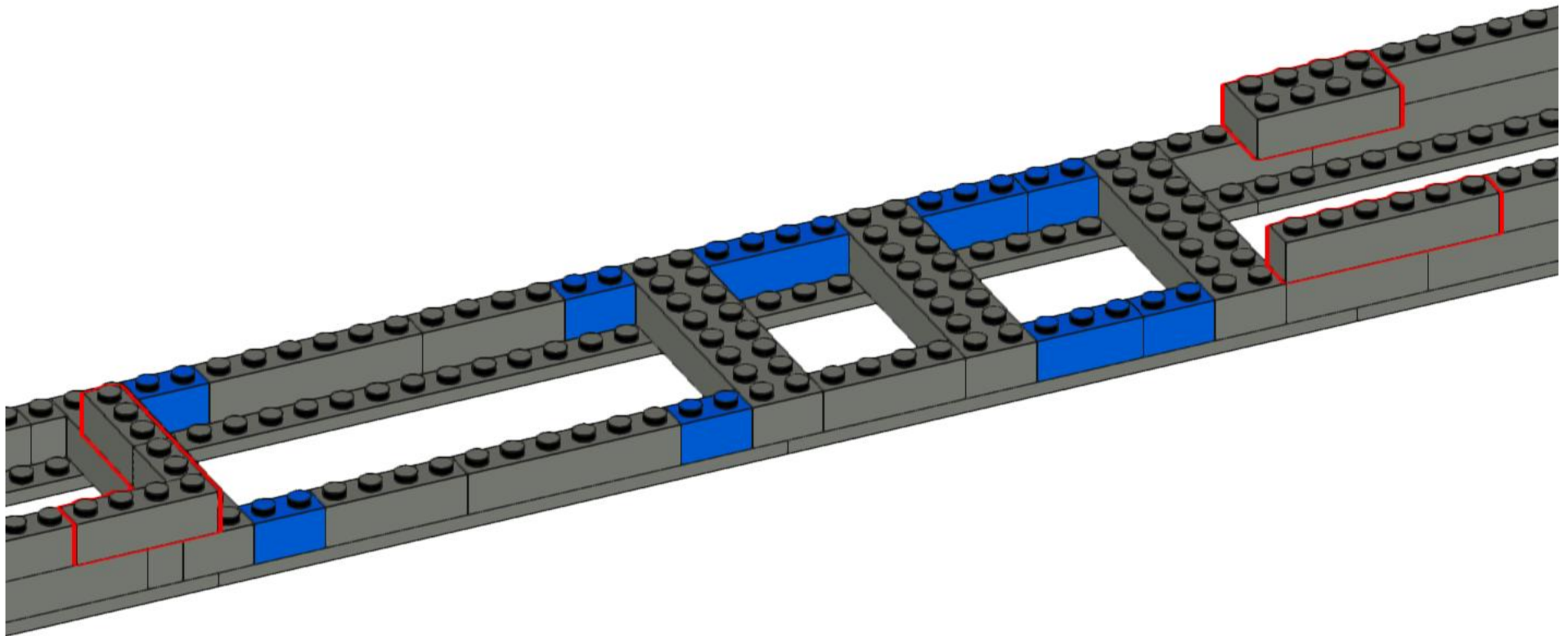
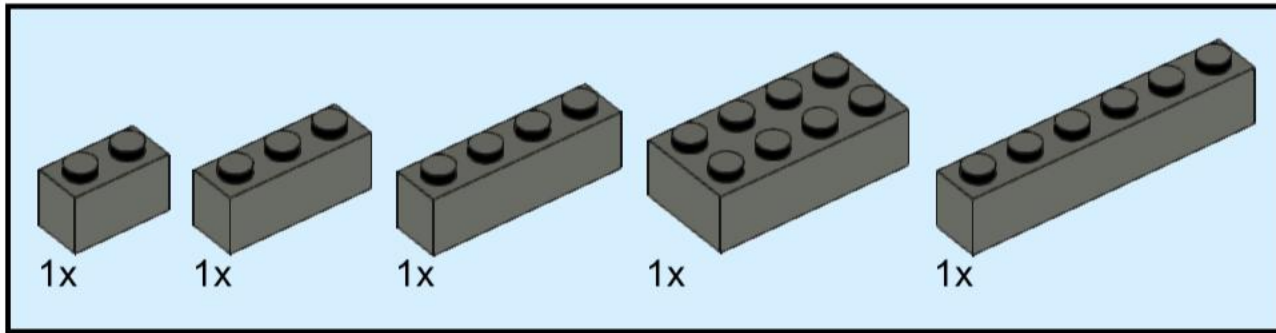
8



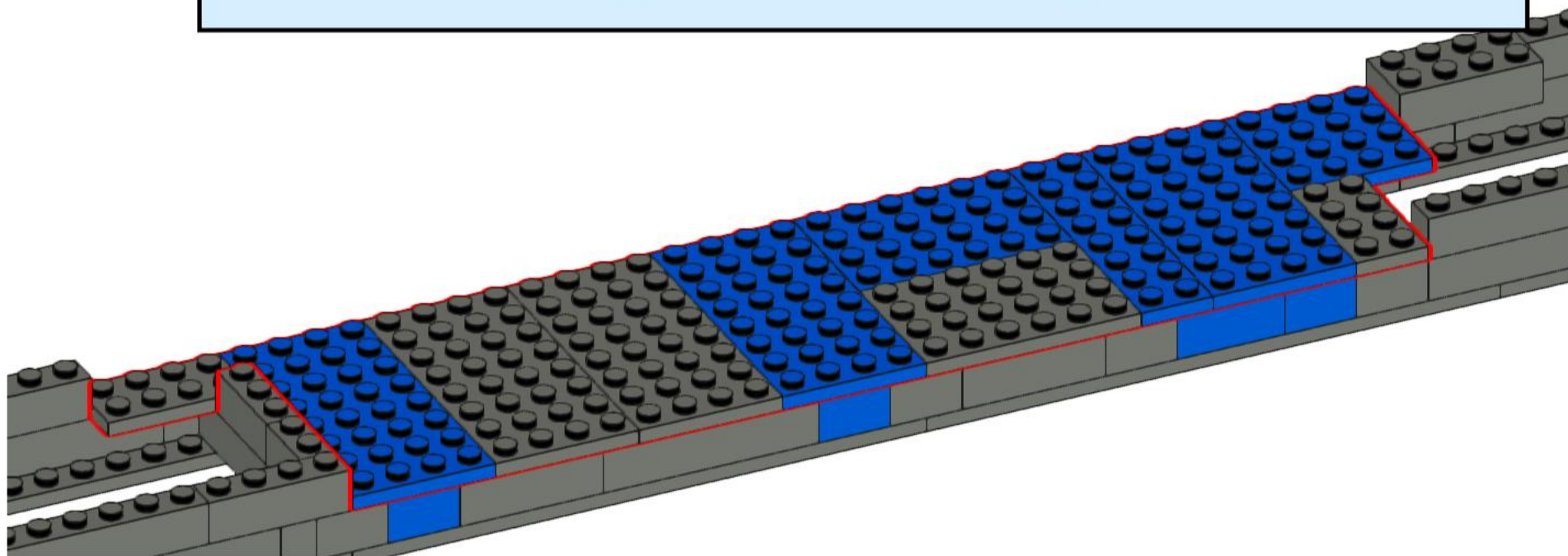
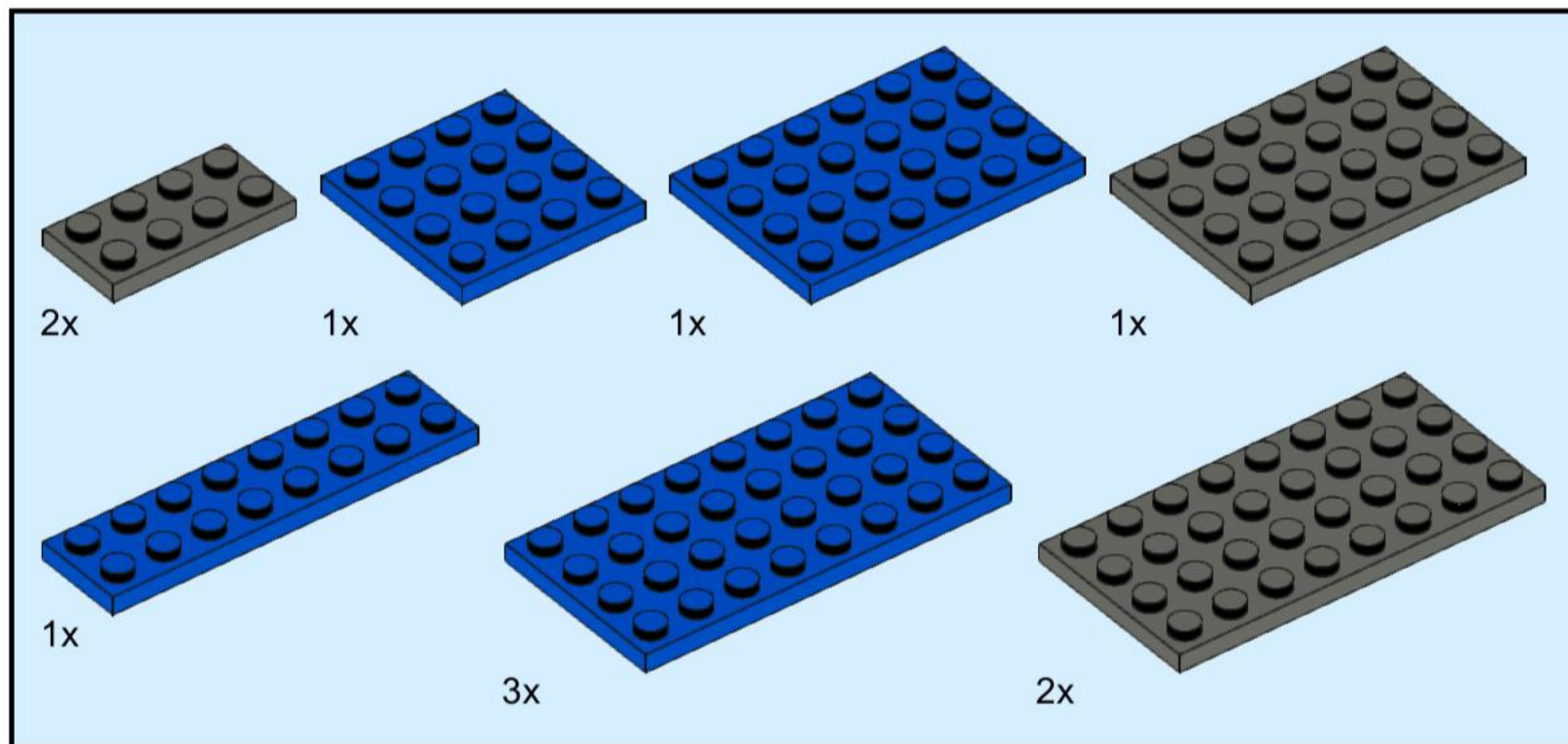
9



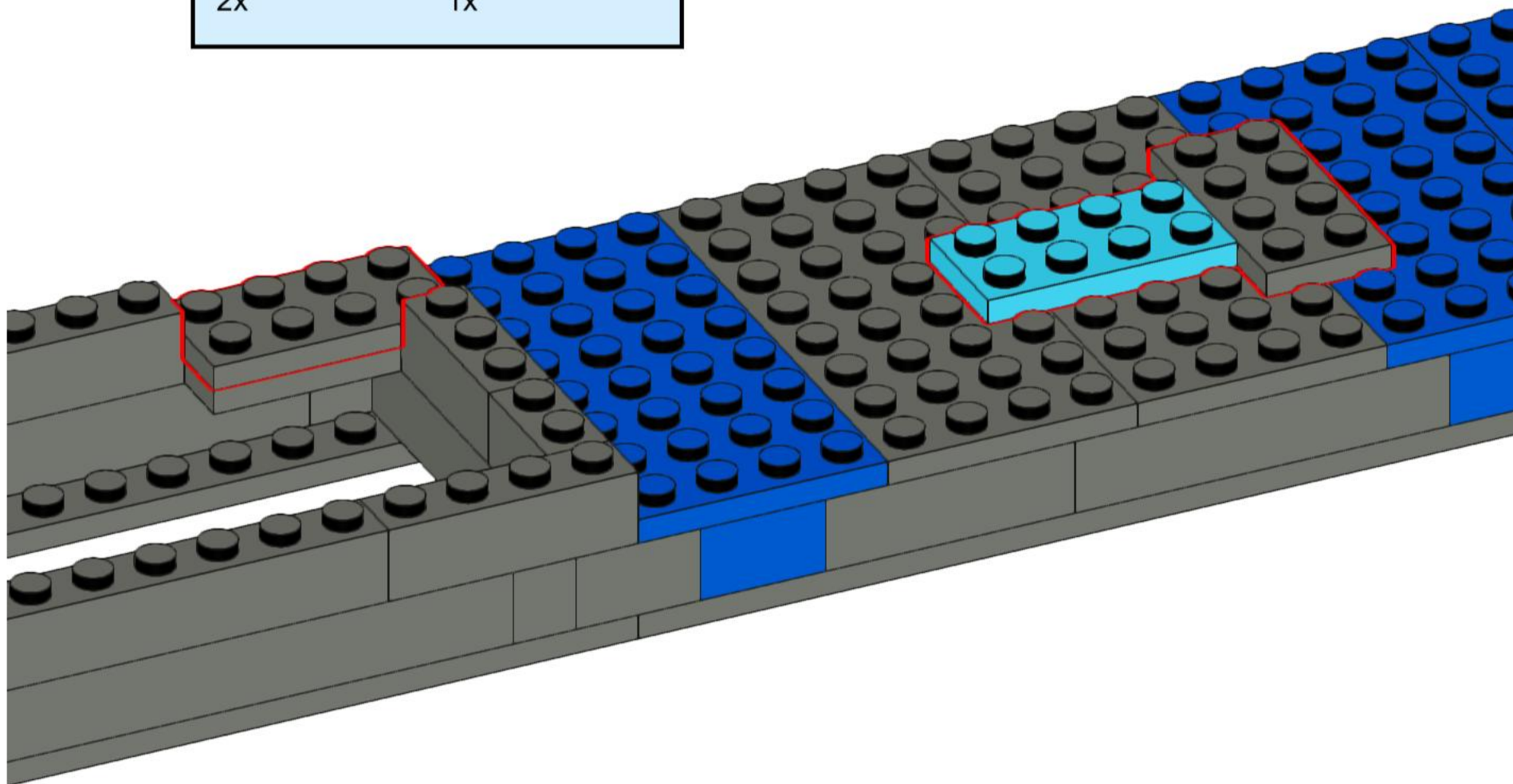
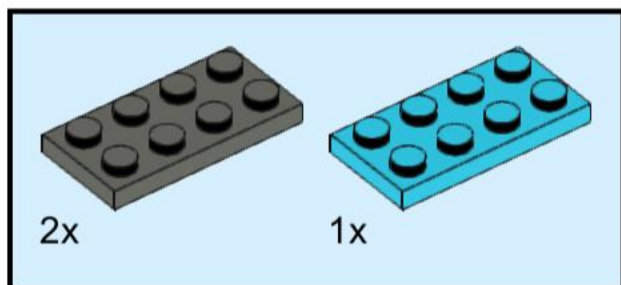
10



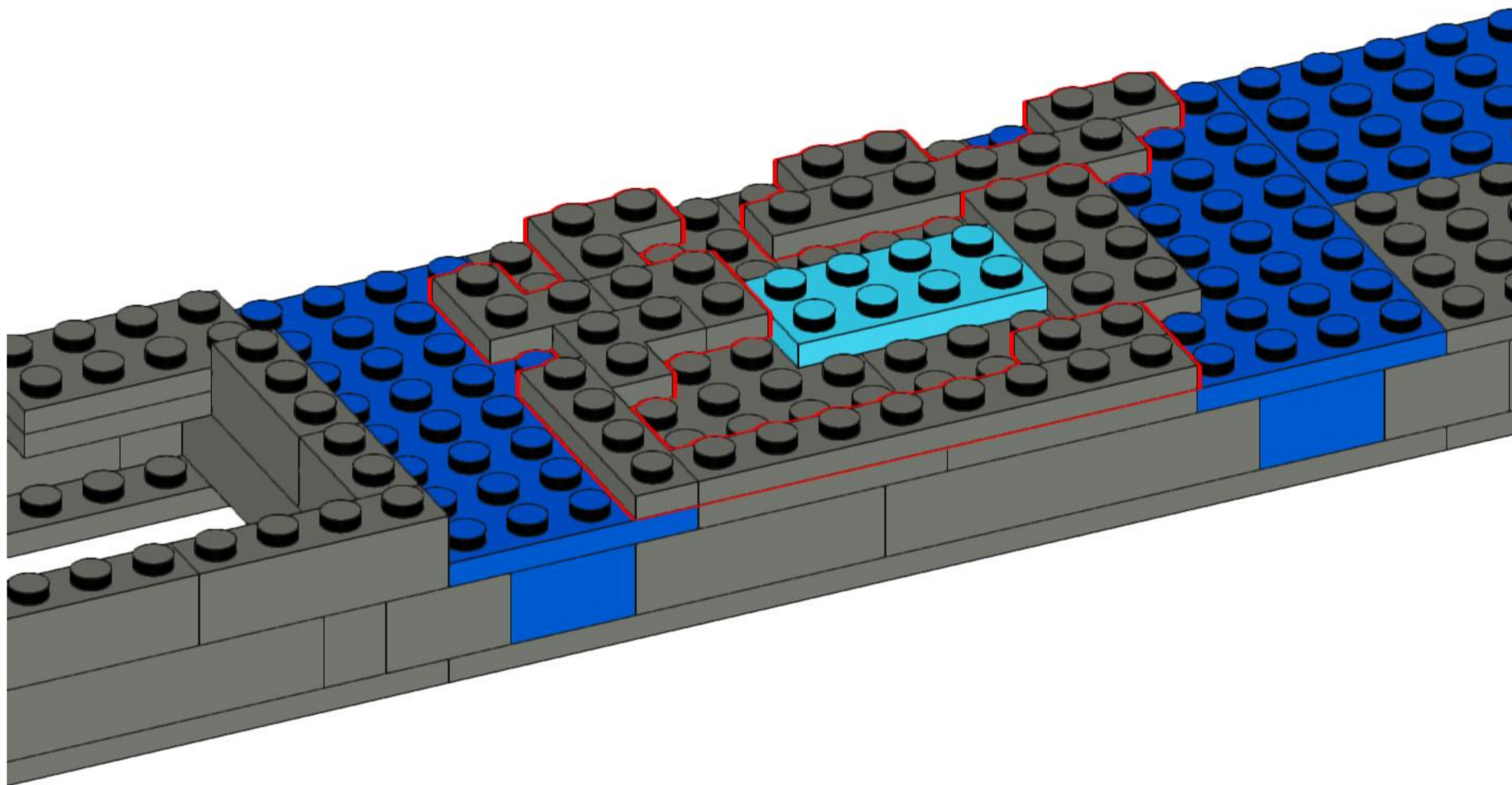
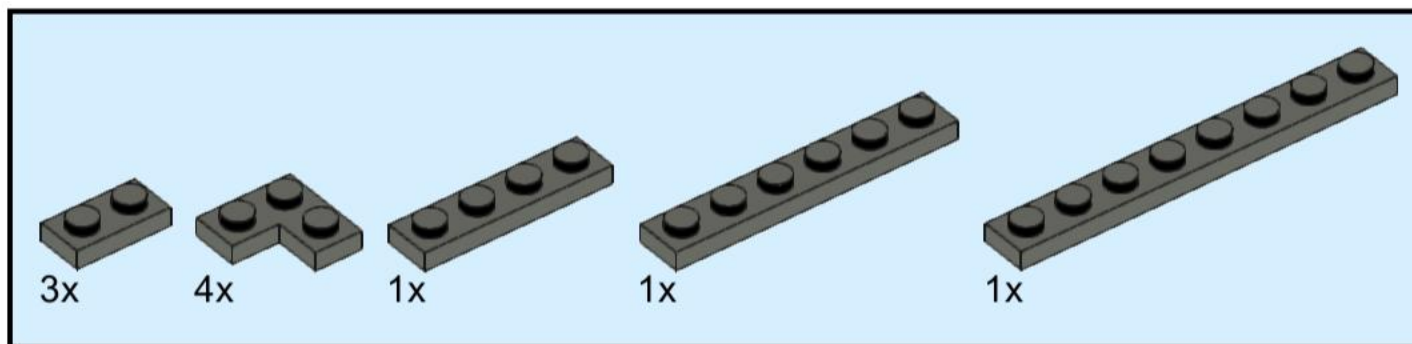
11



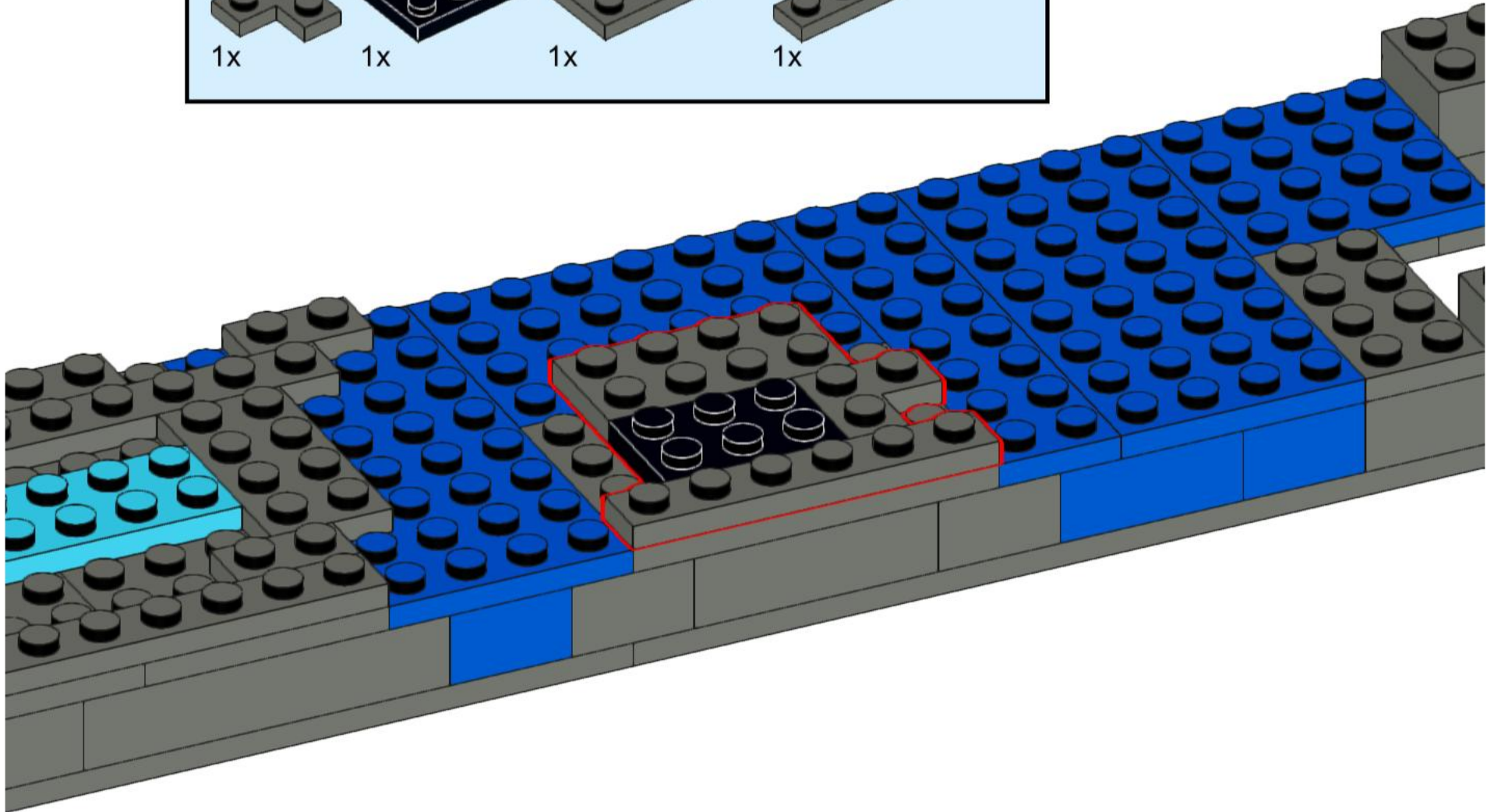
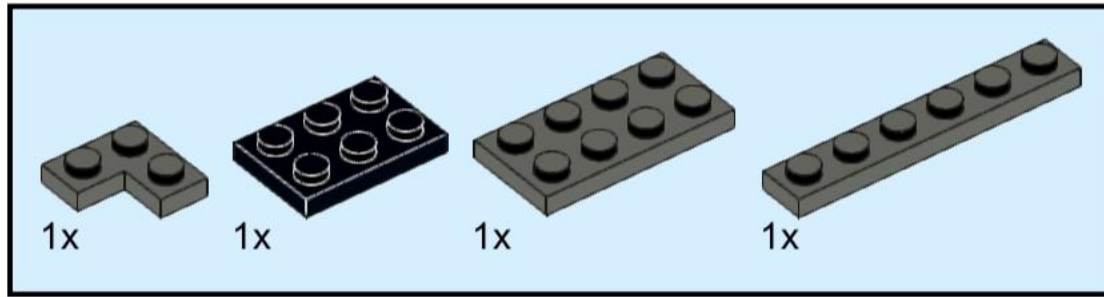
12



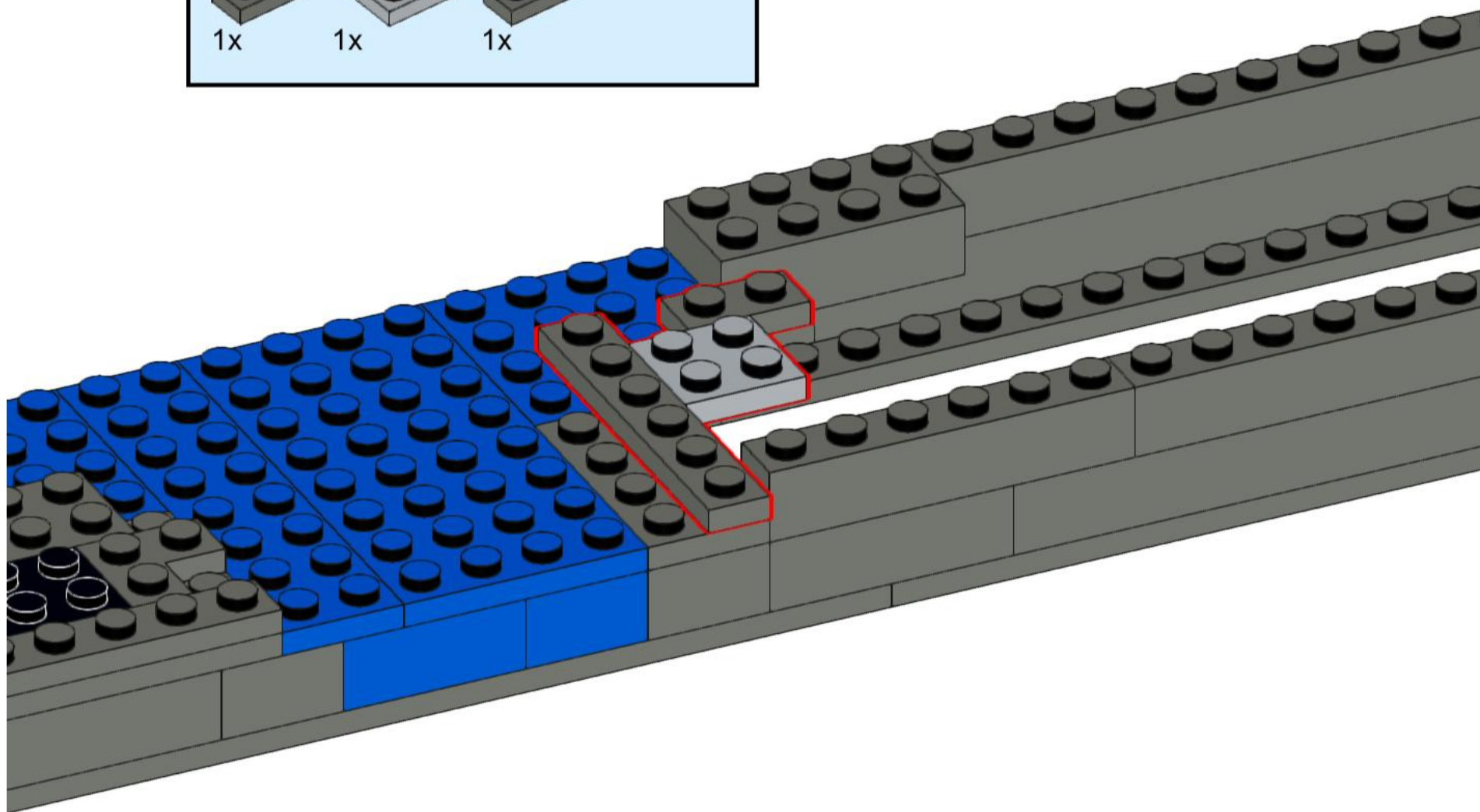
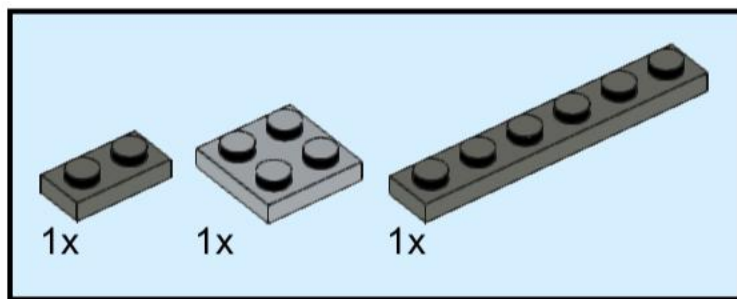
13



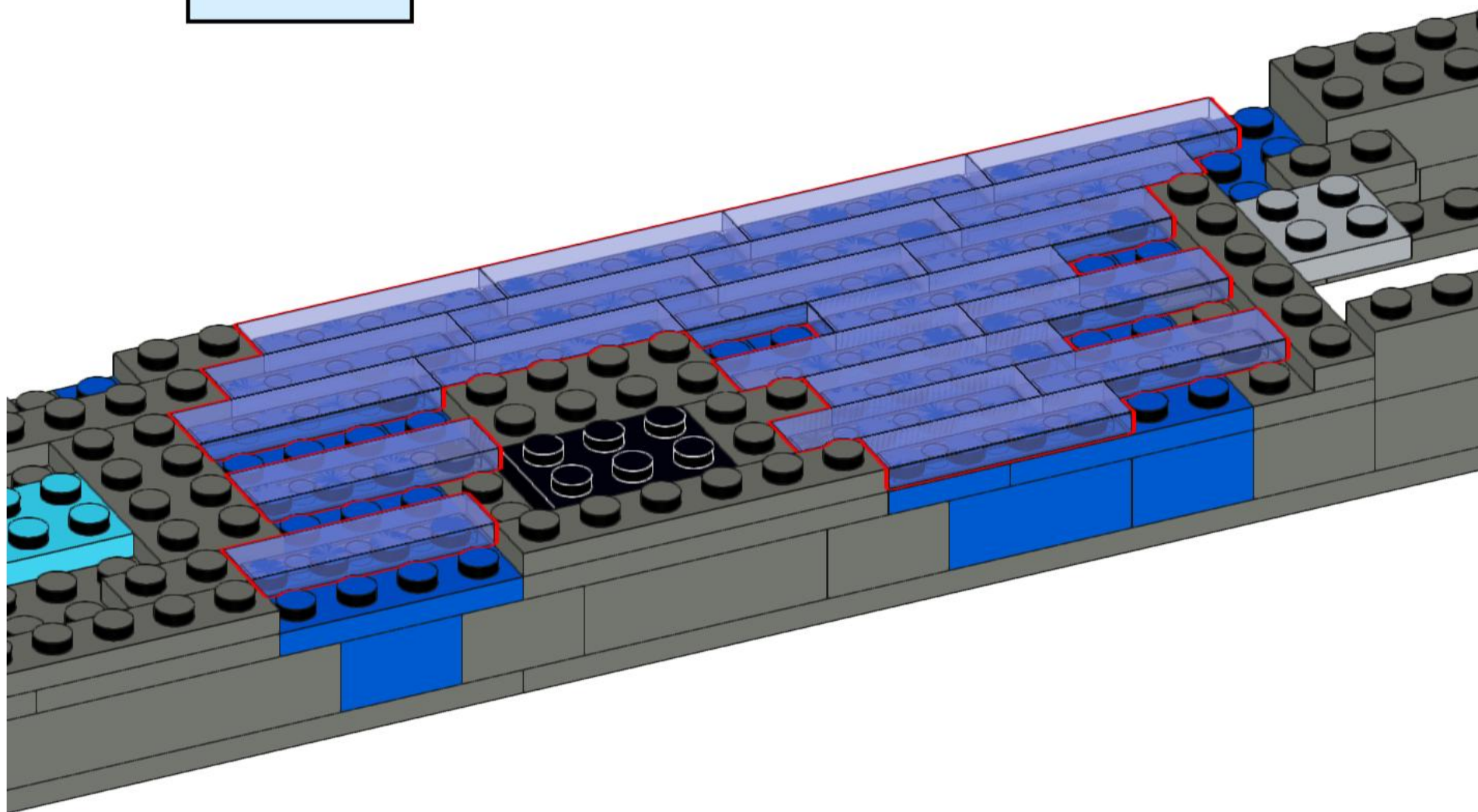
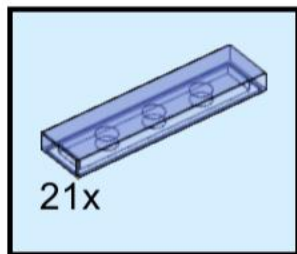
14



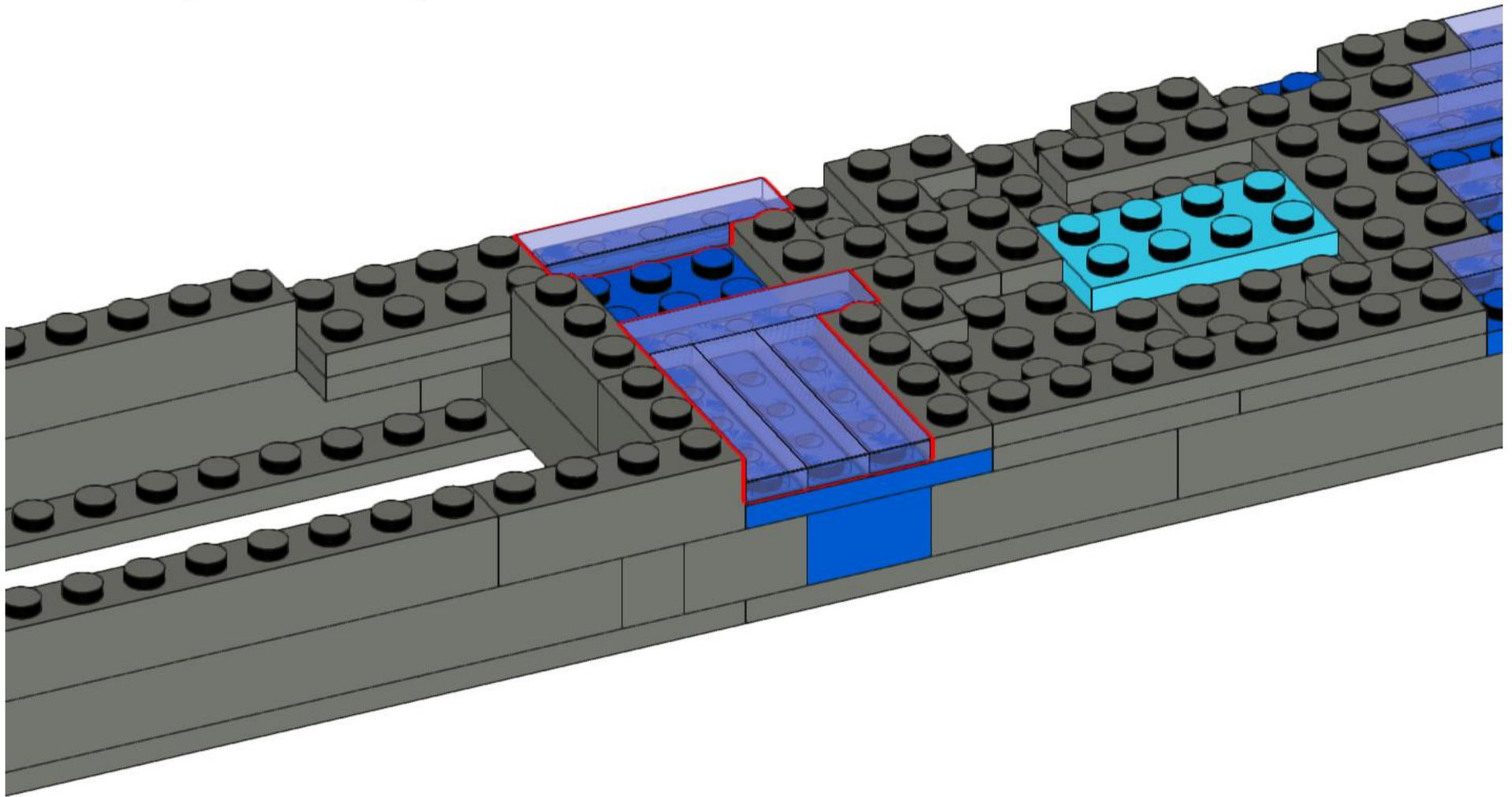
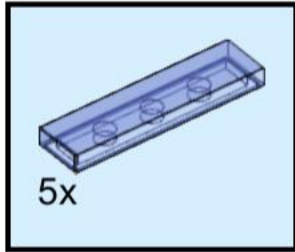
15



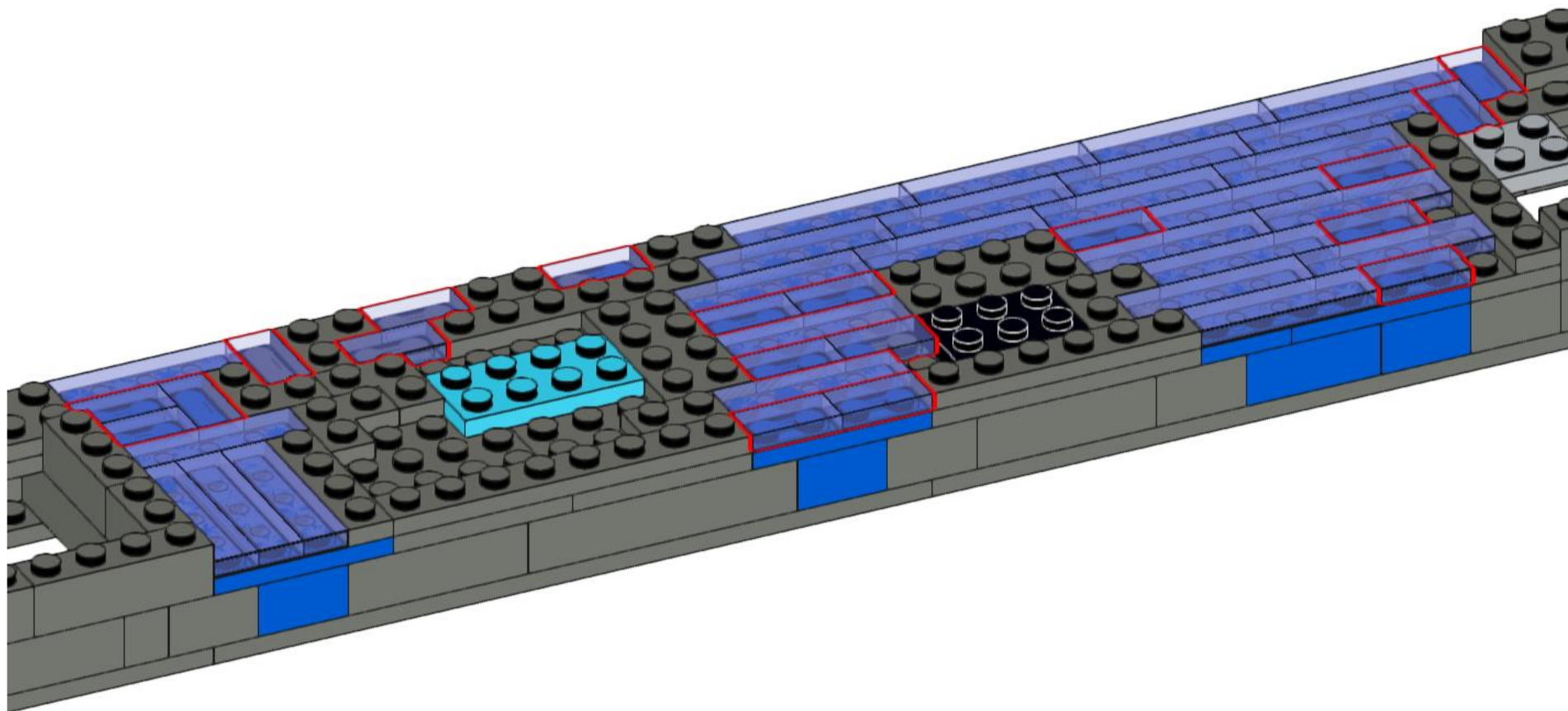
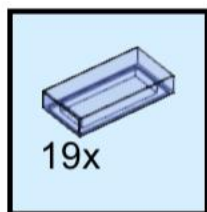
16



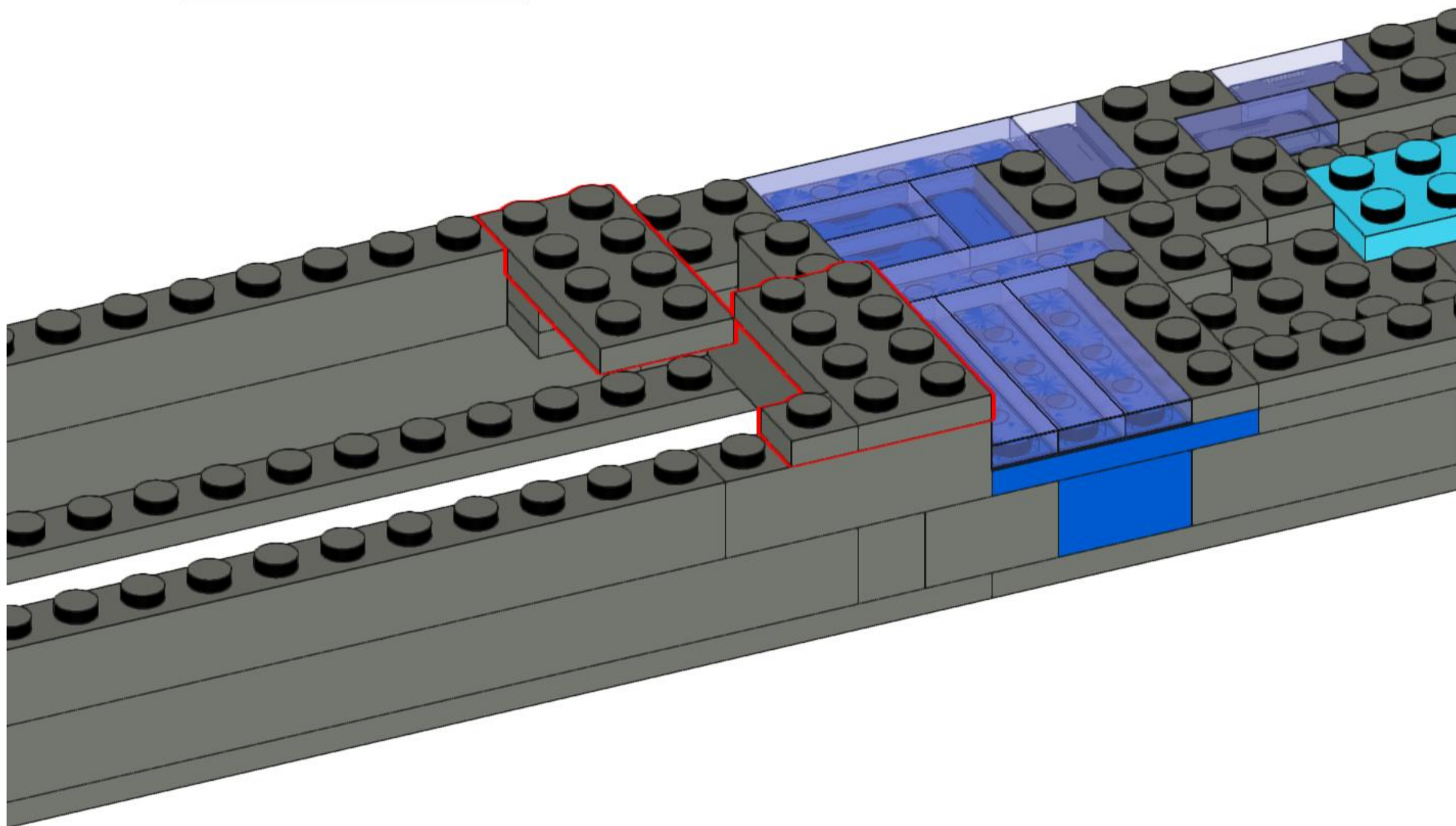
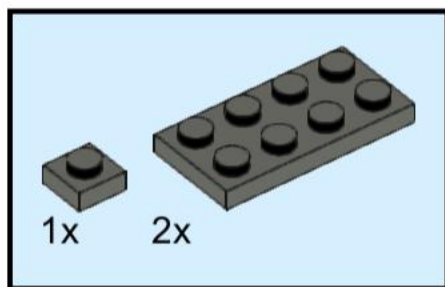
17



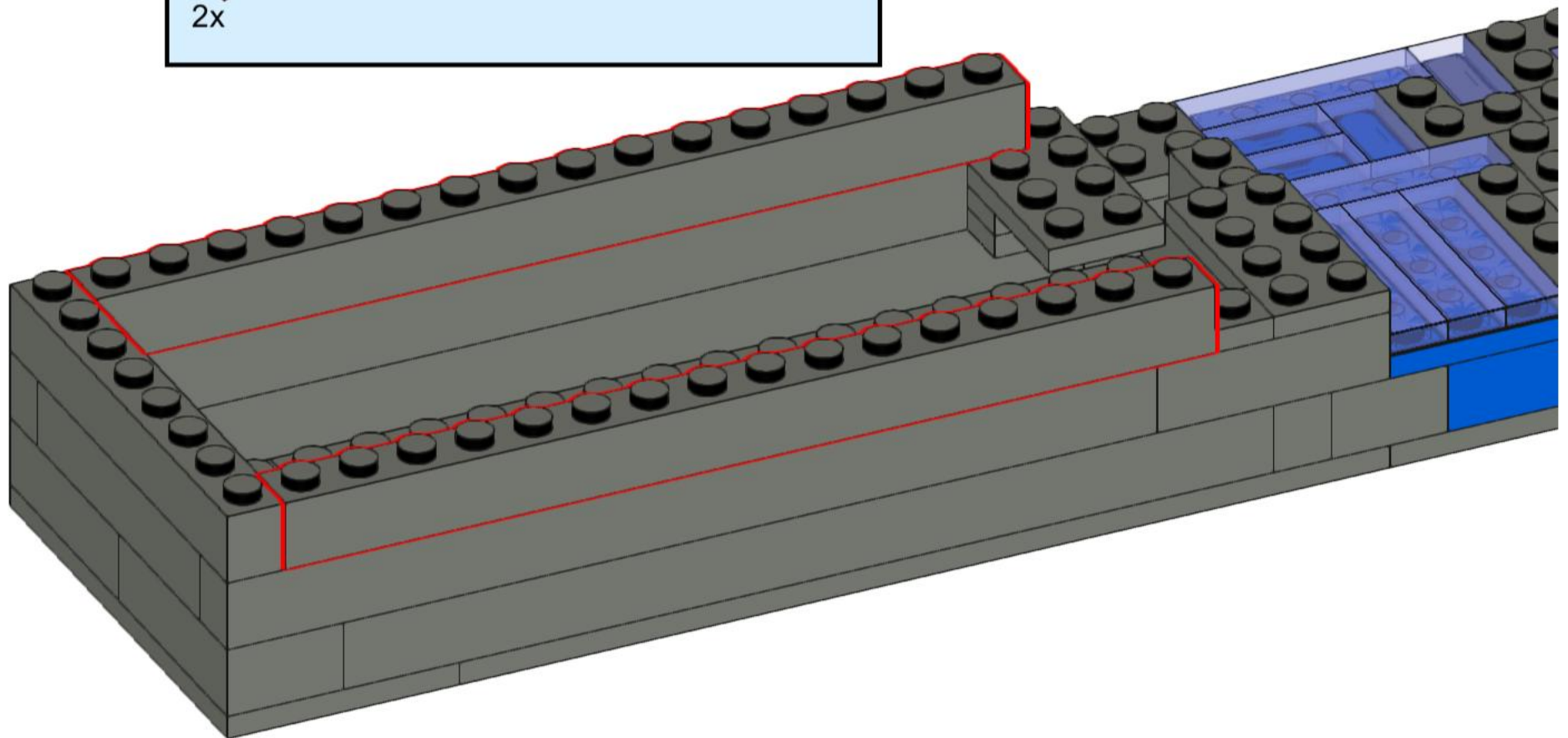
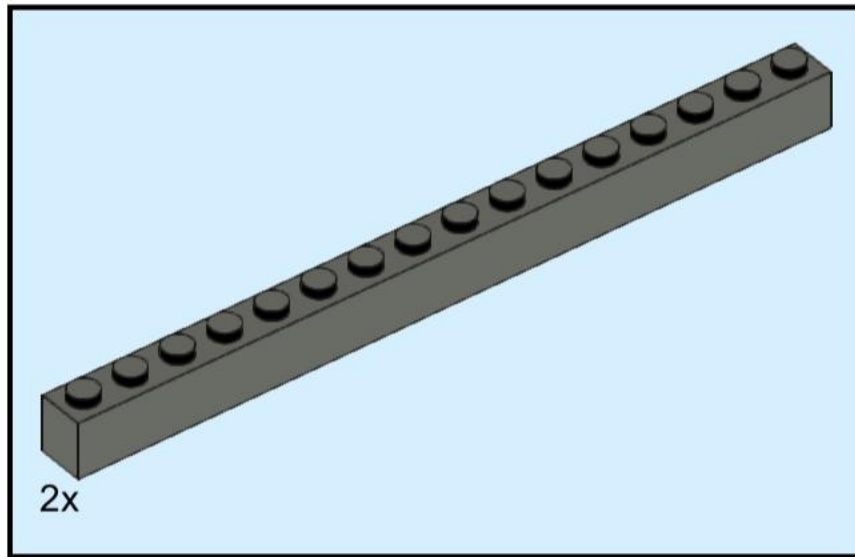
18



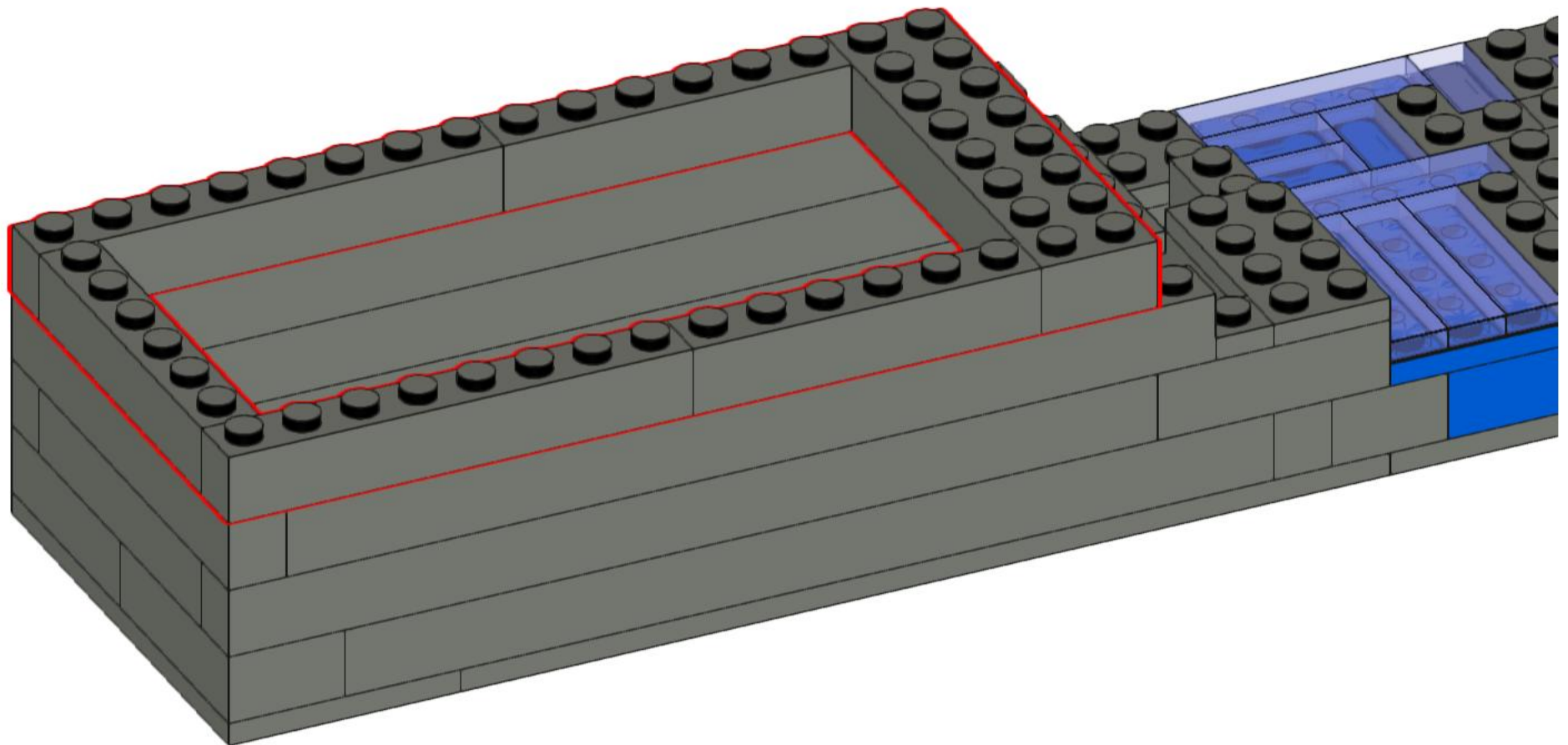
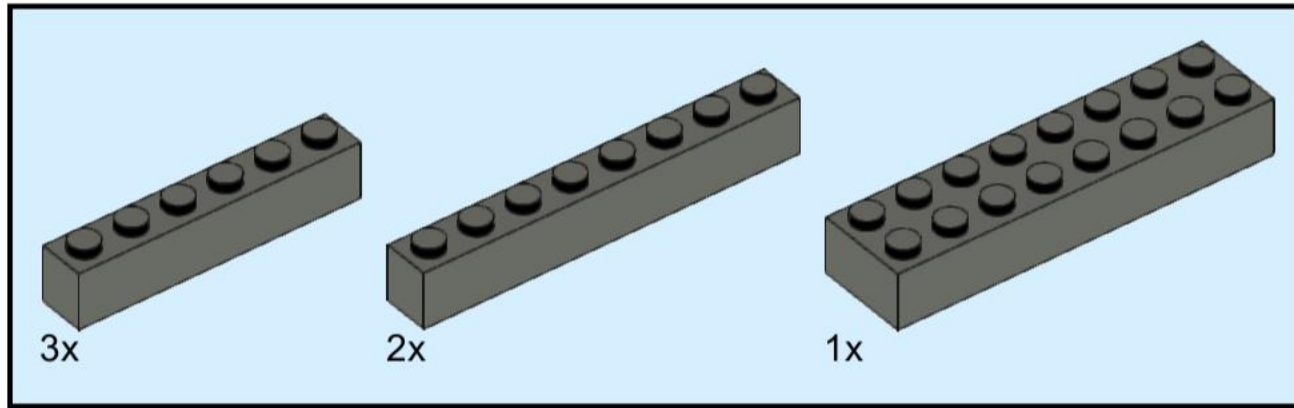
19



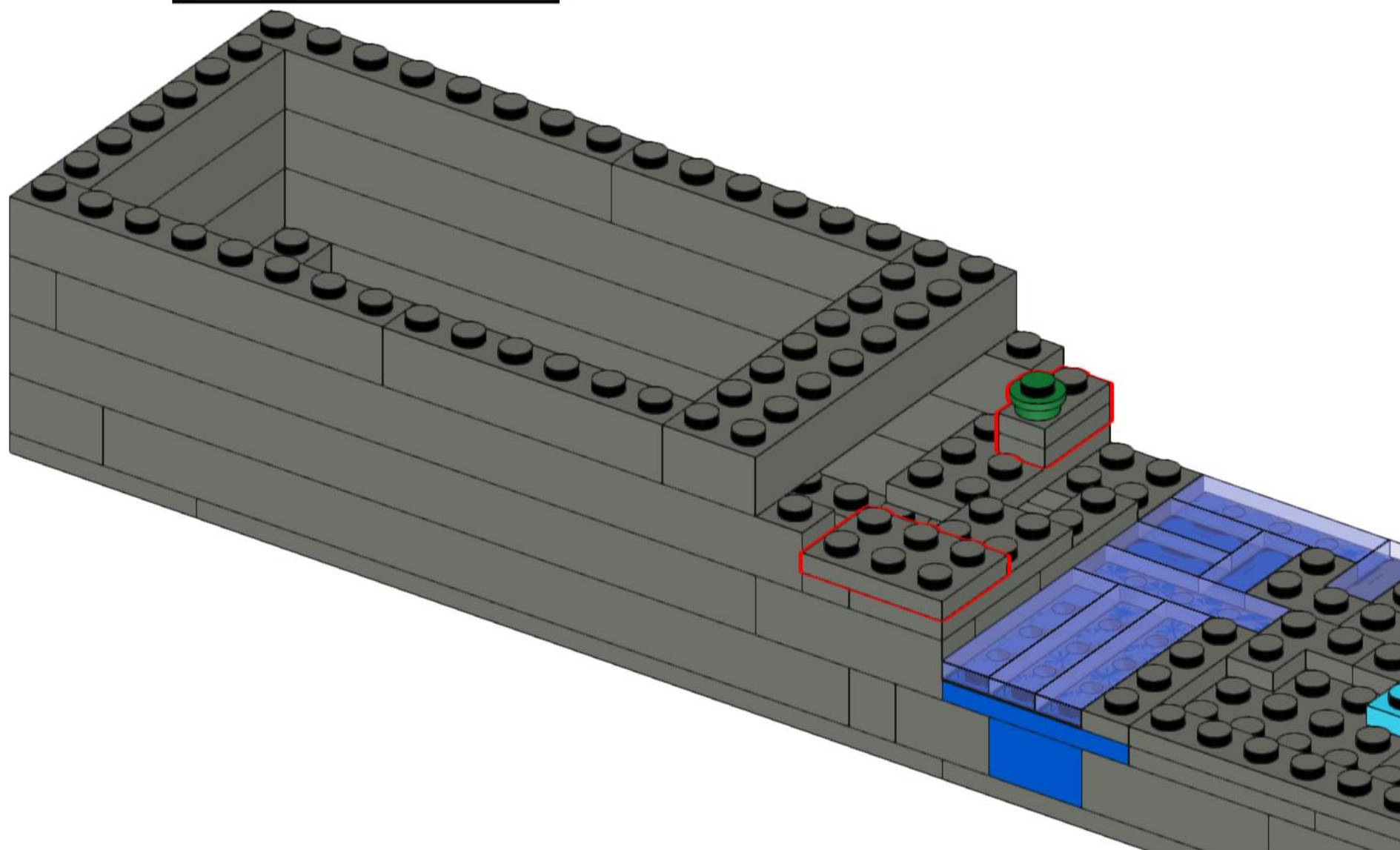
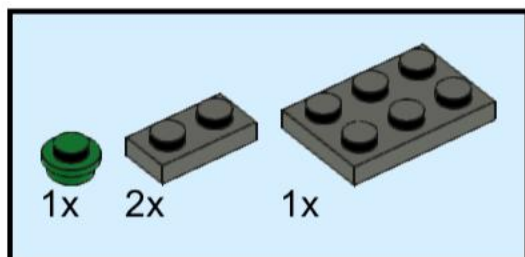
20



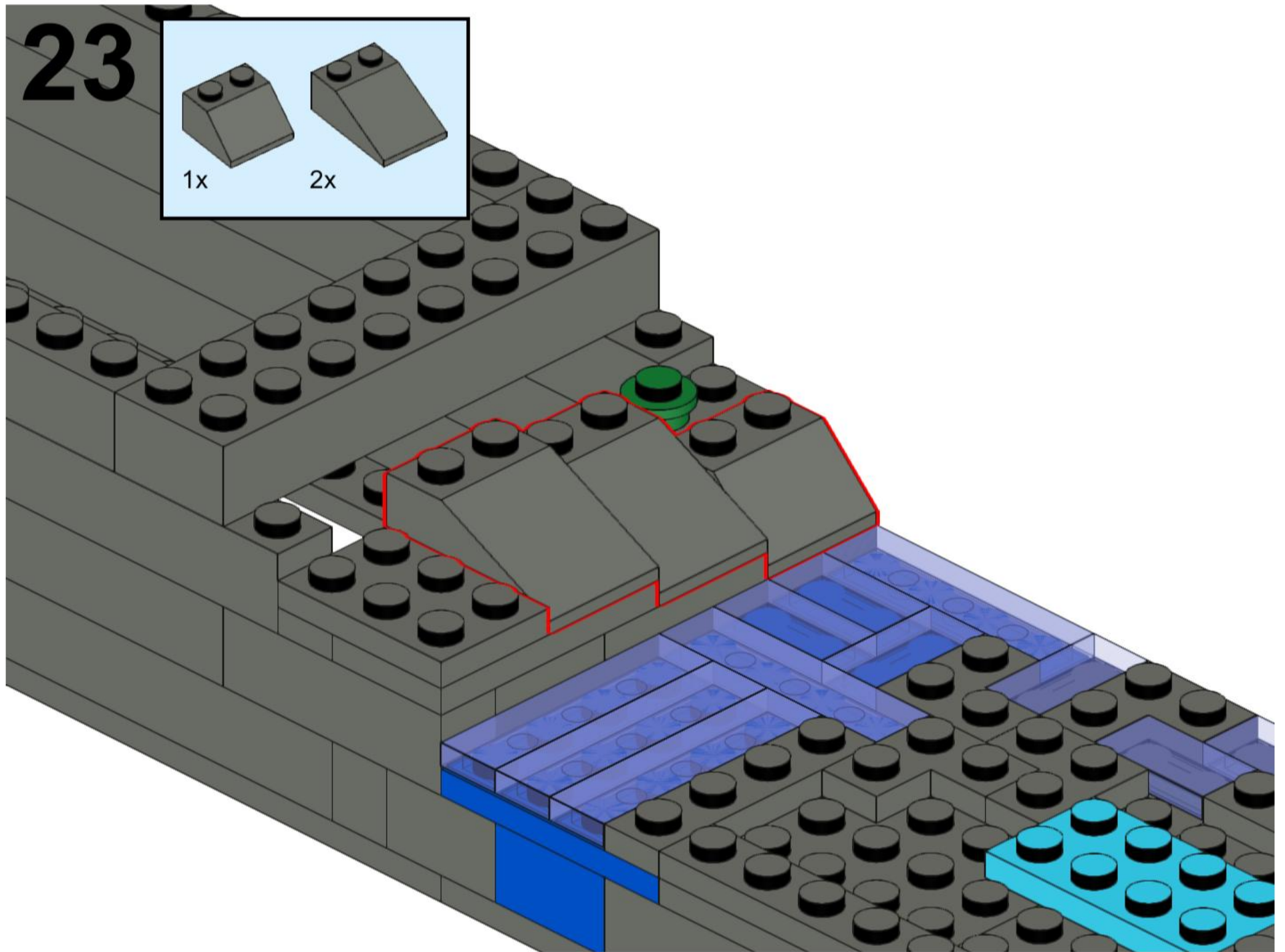
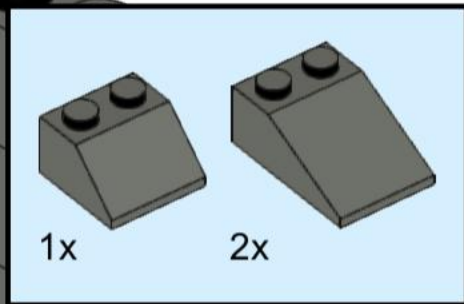
21



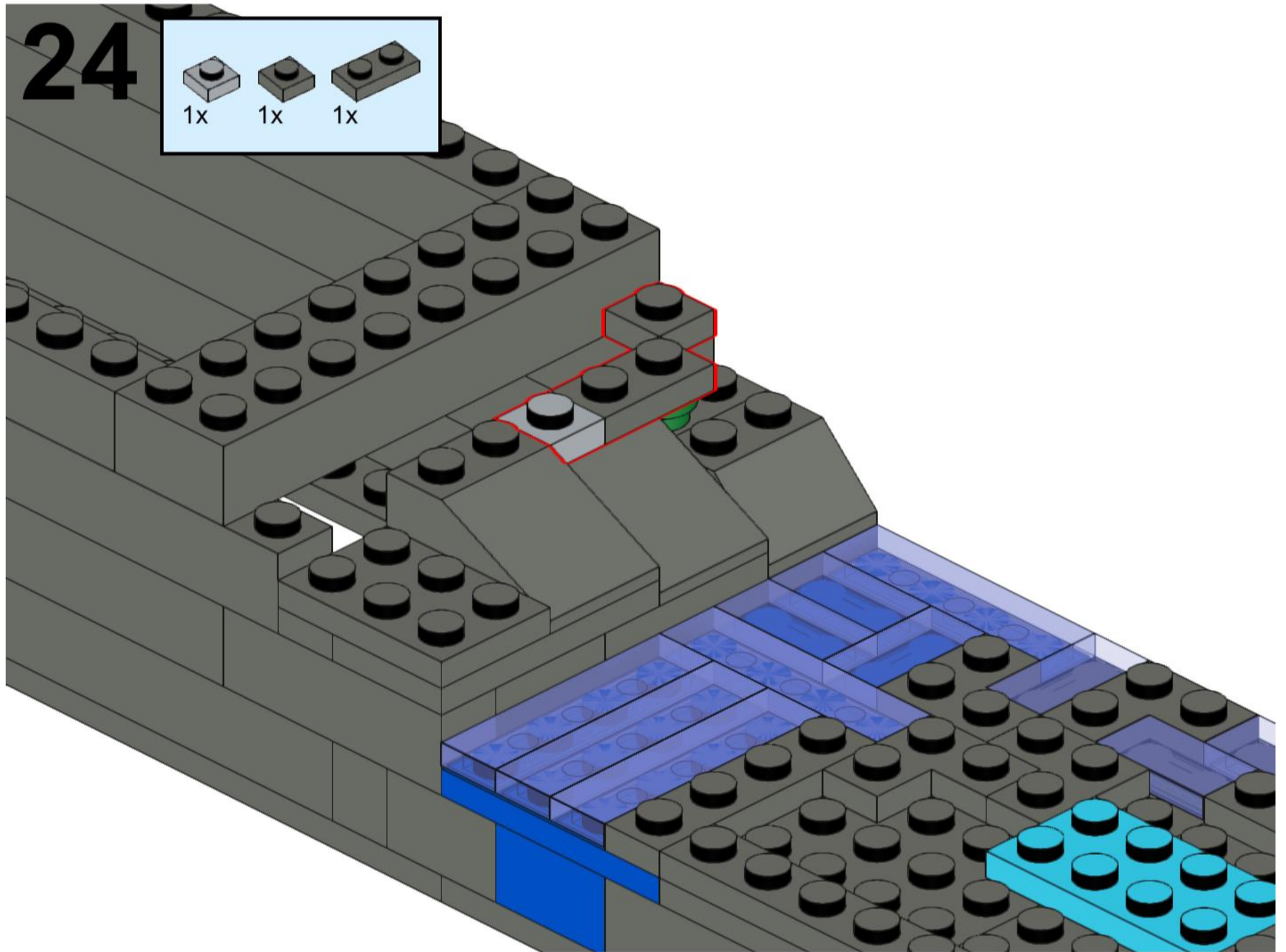
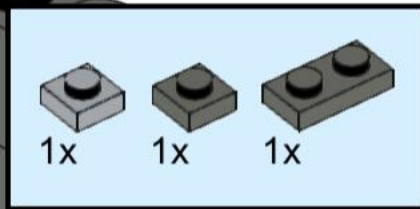
22



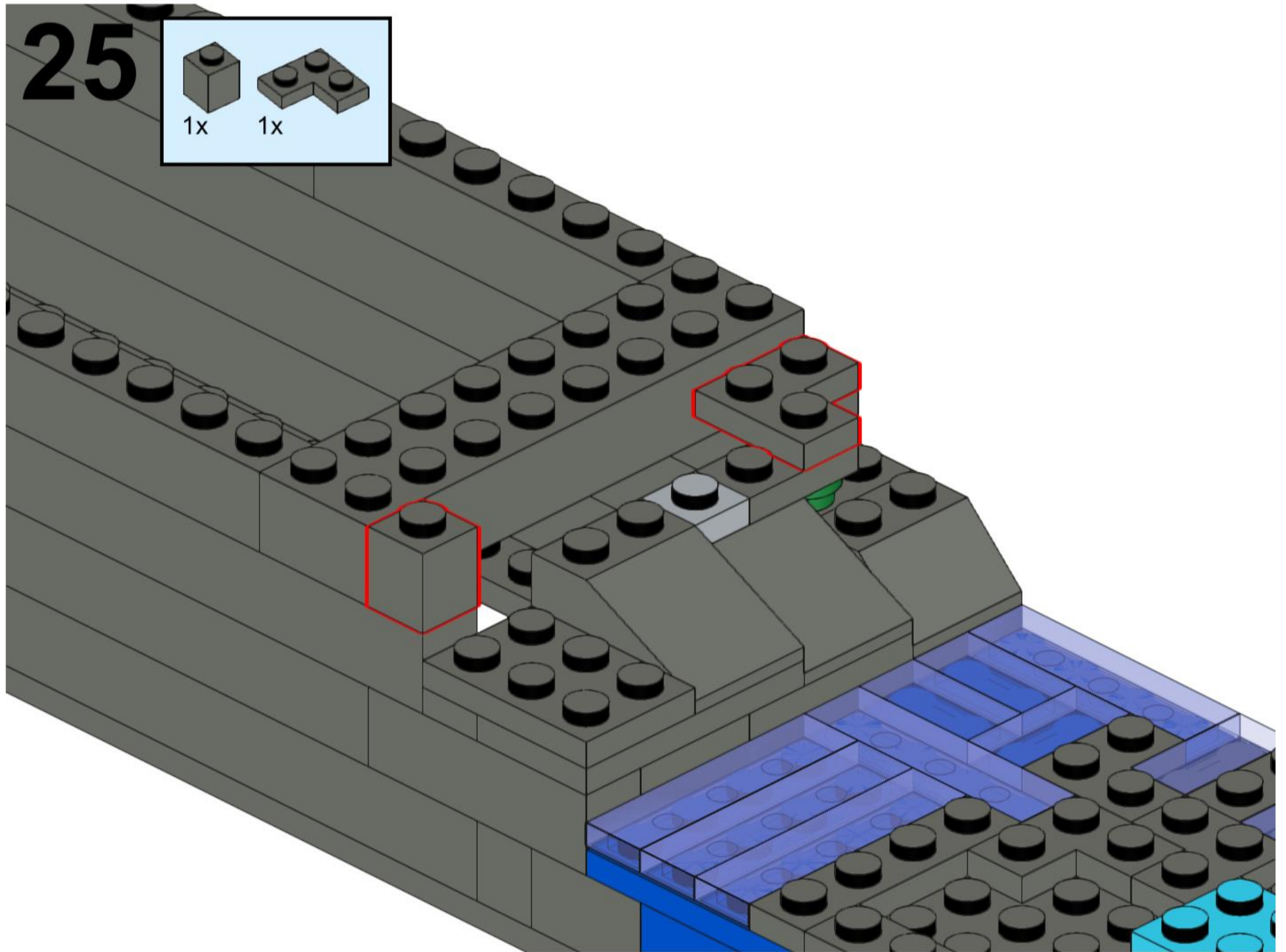
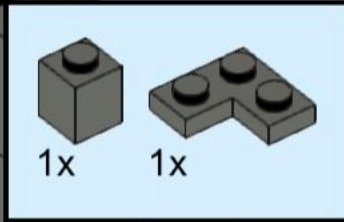
23



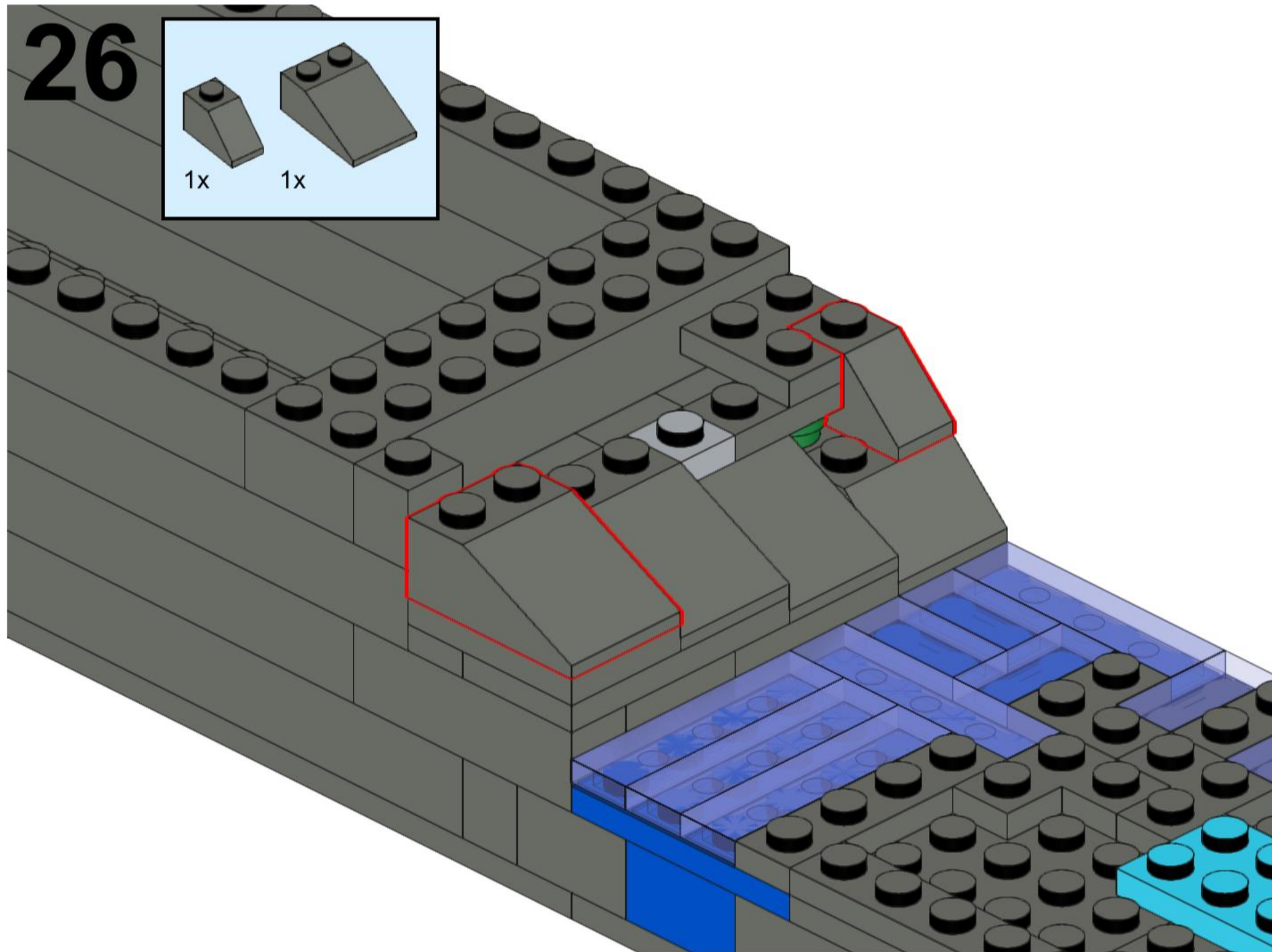
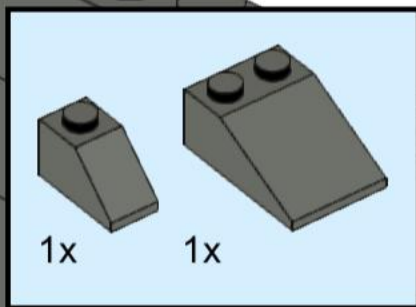
24



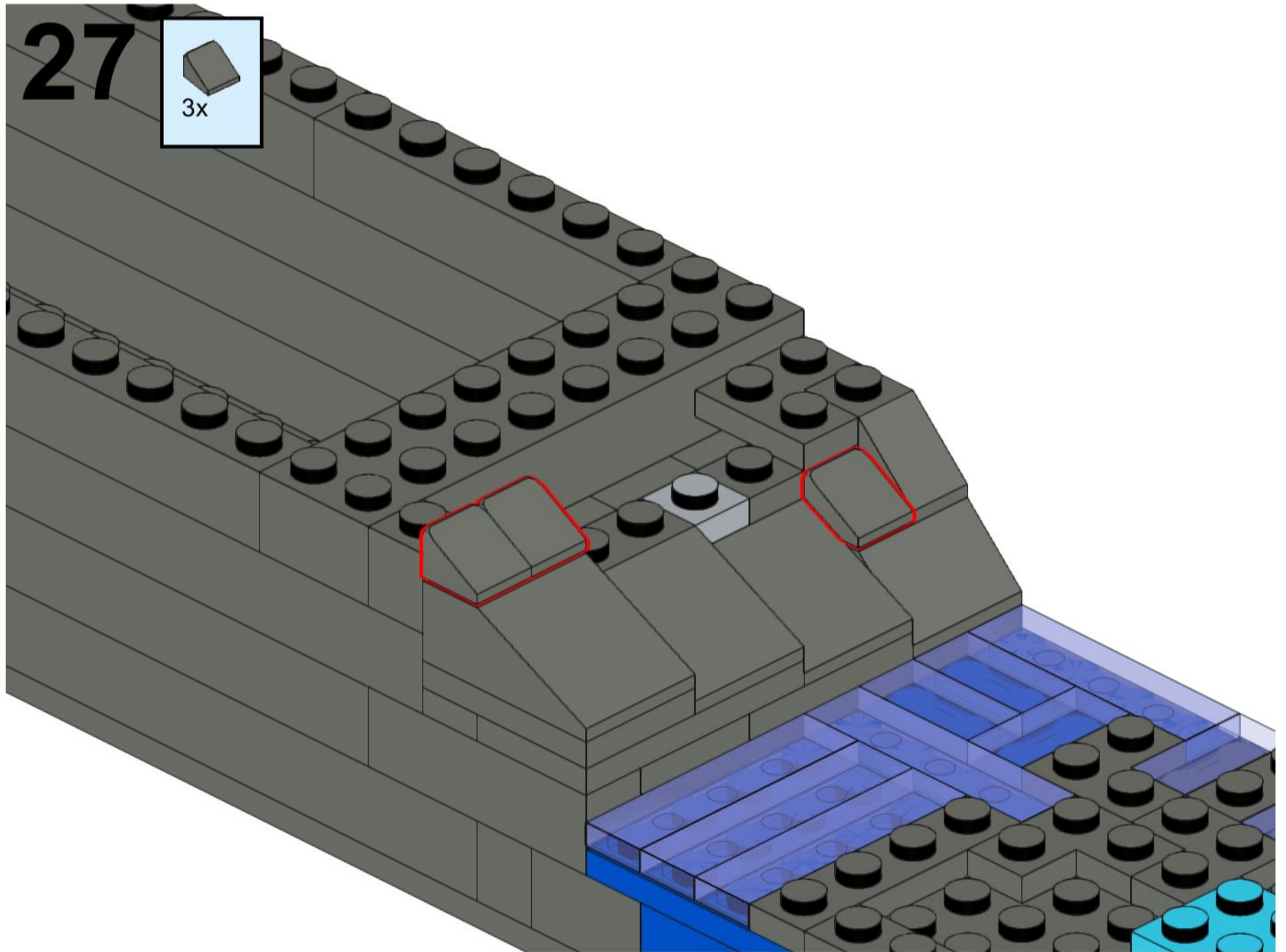
25



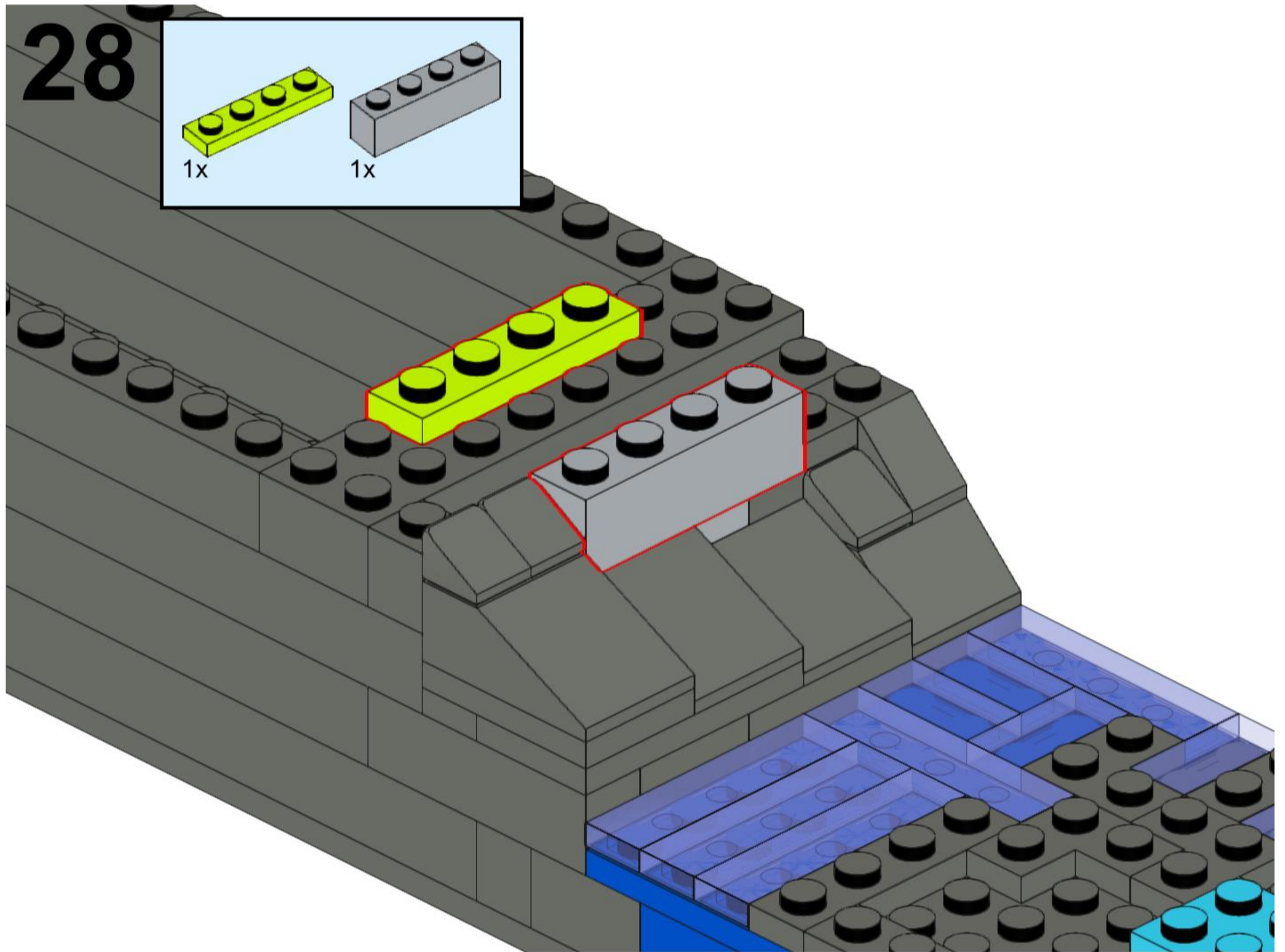
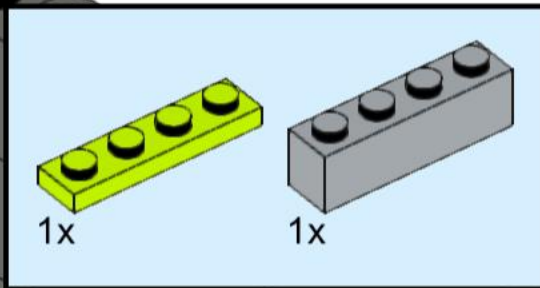
26



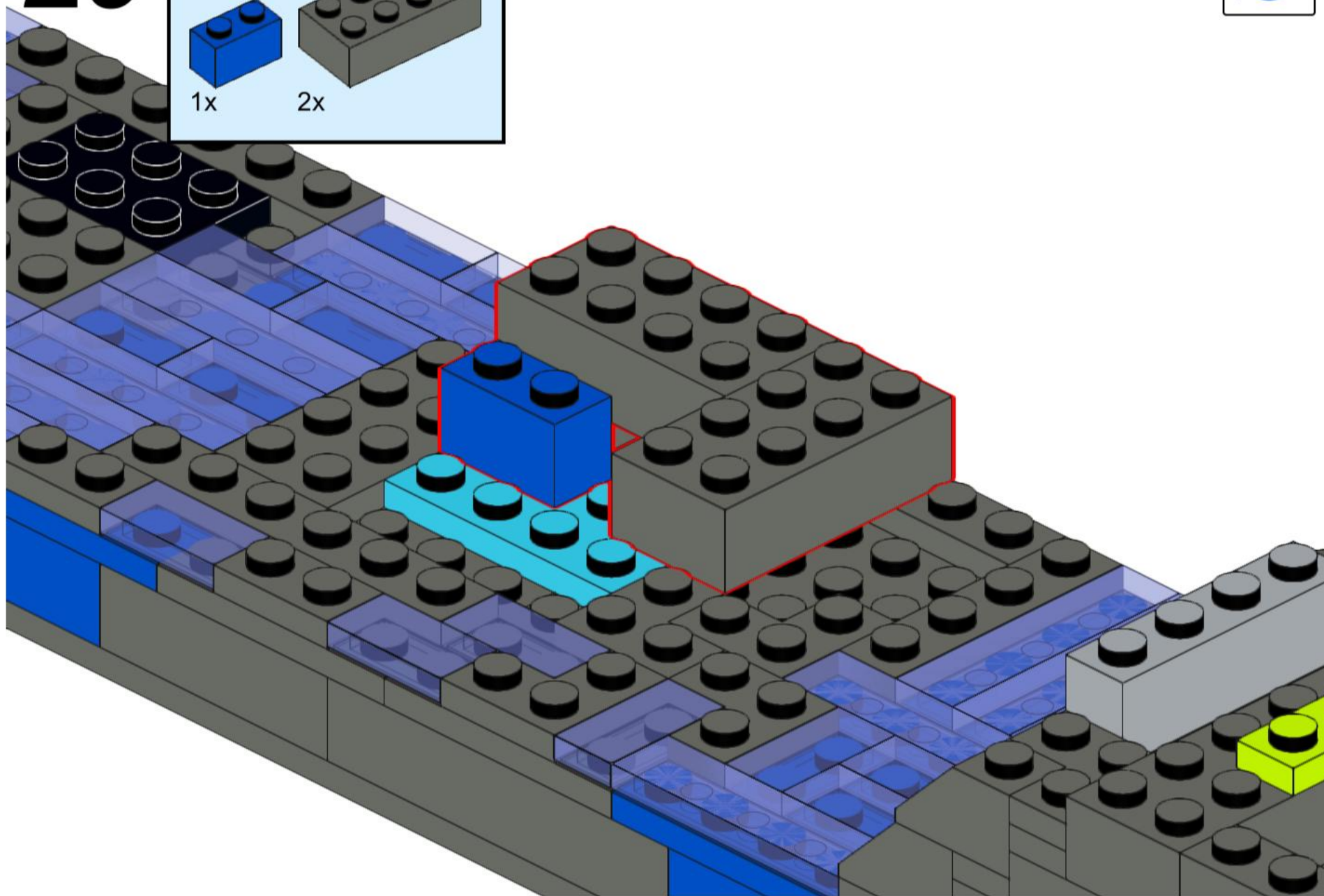
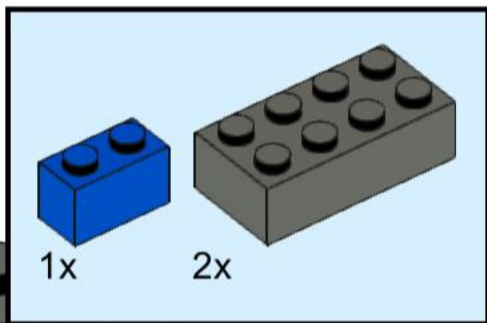
27

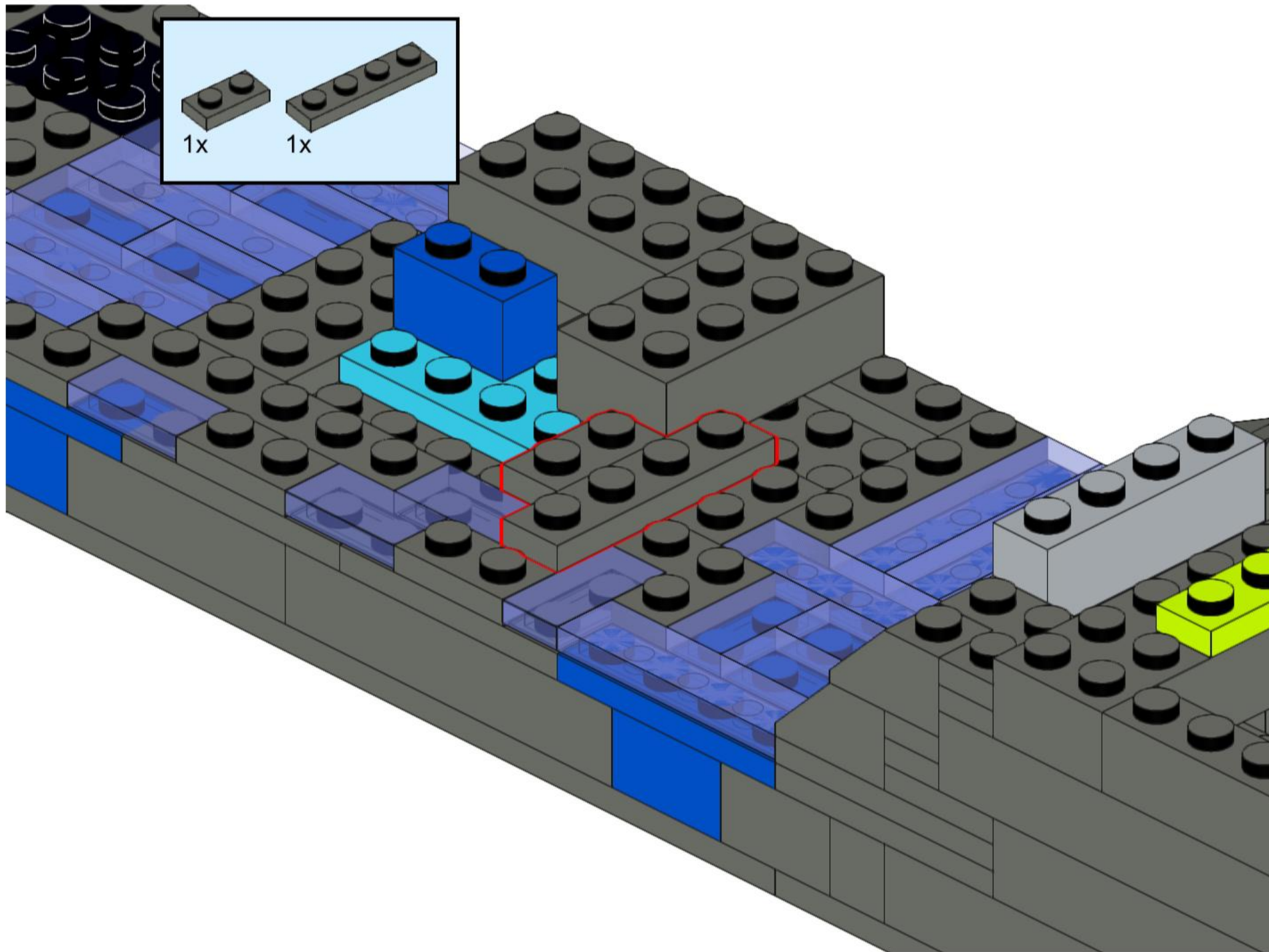


28

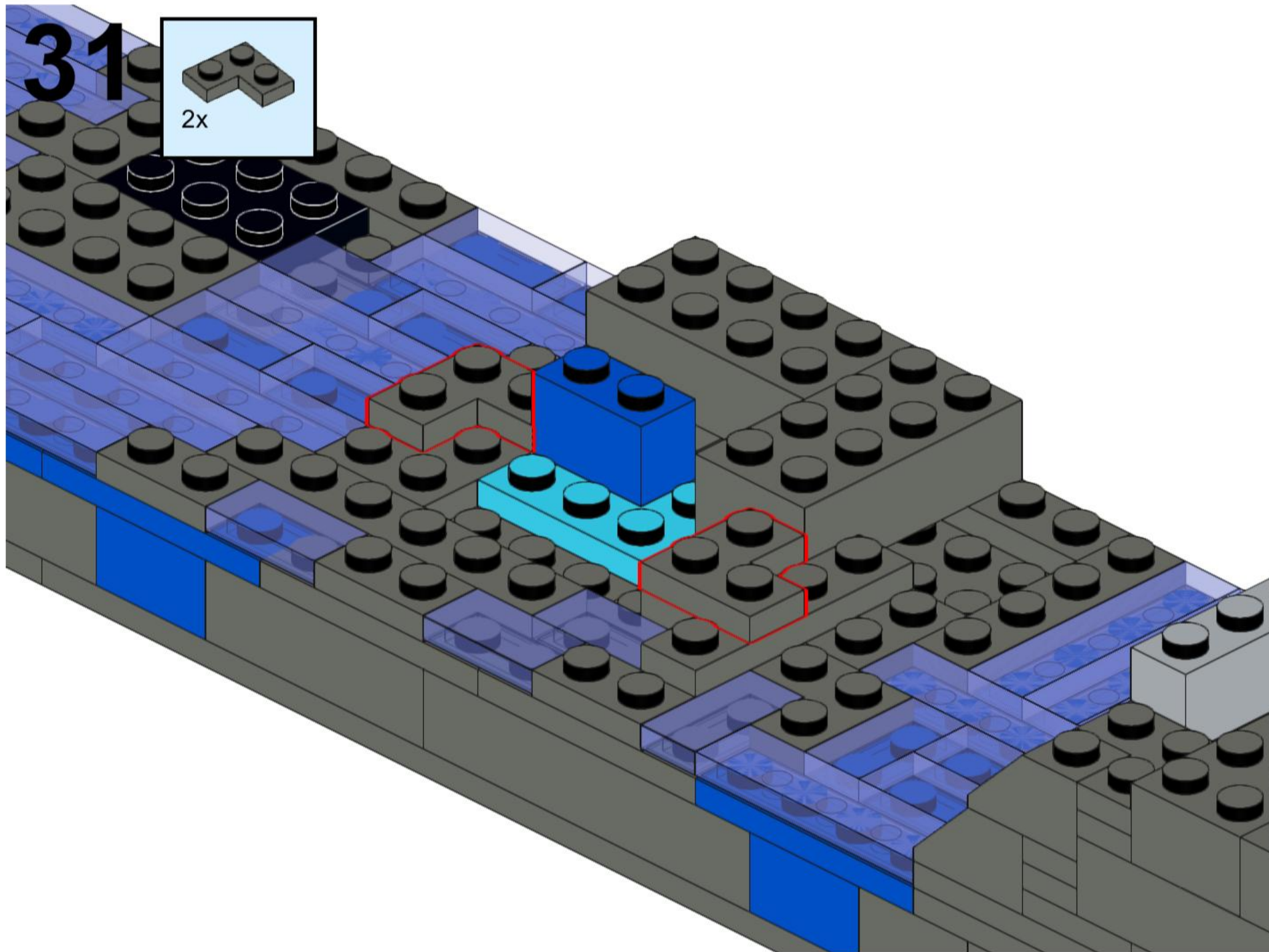
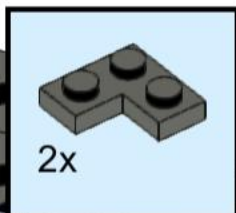


29

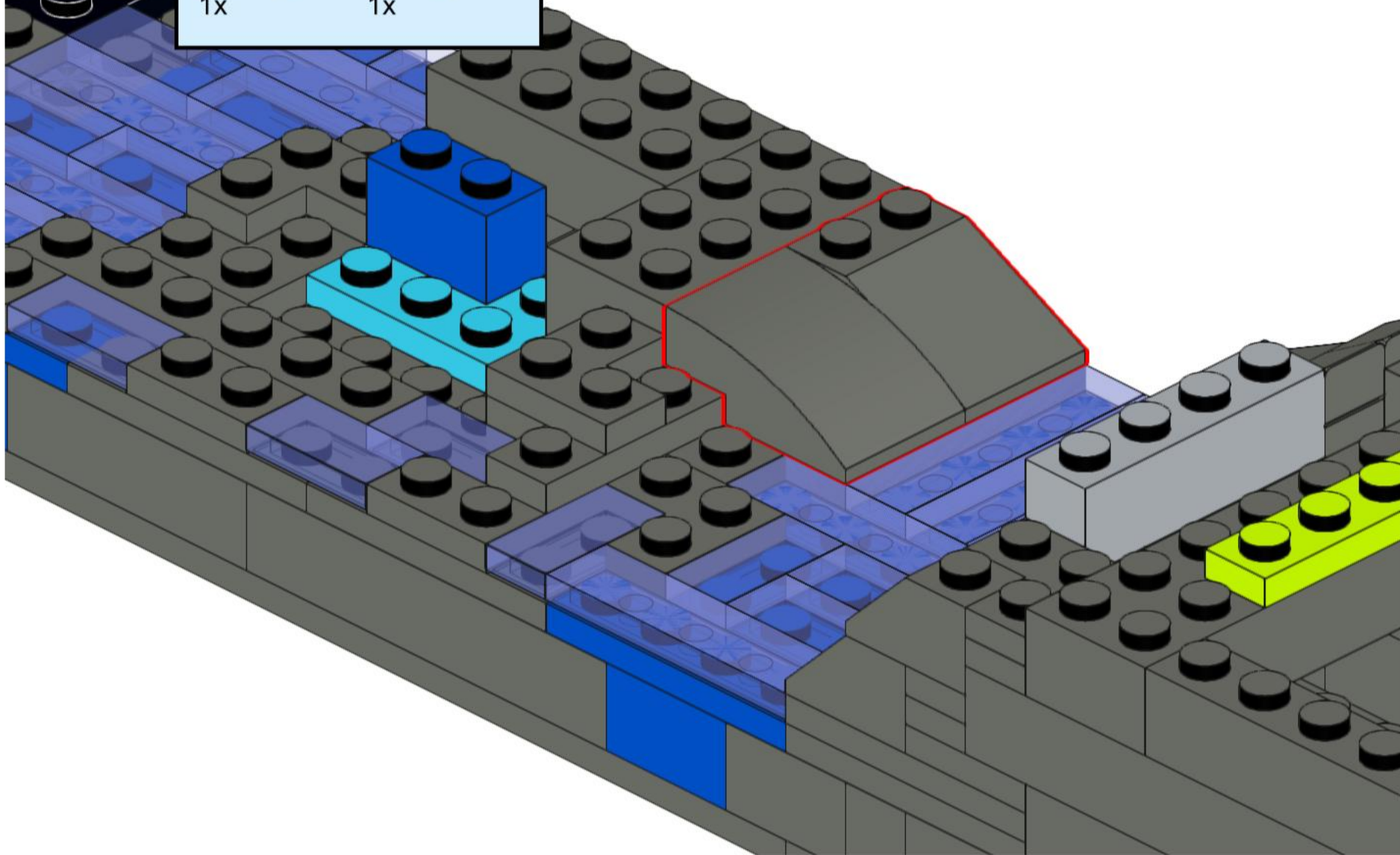
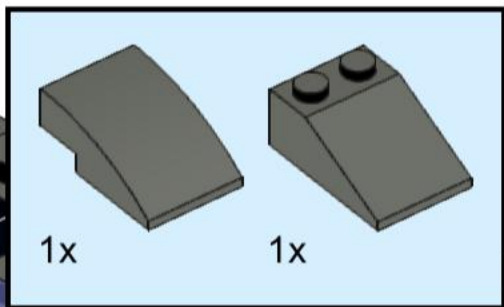




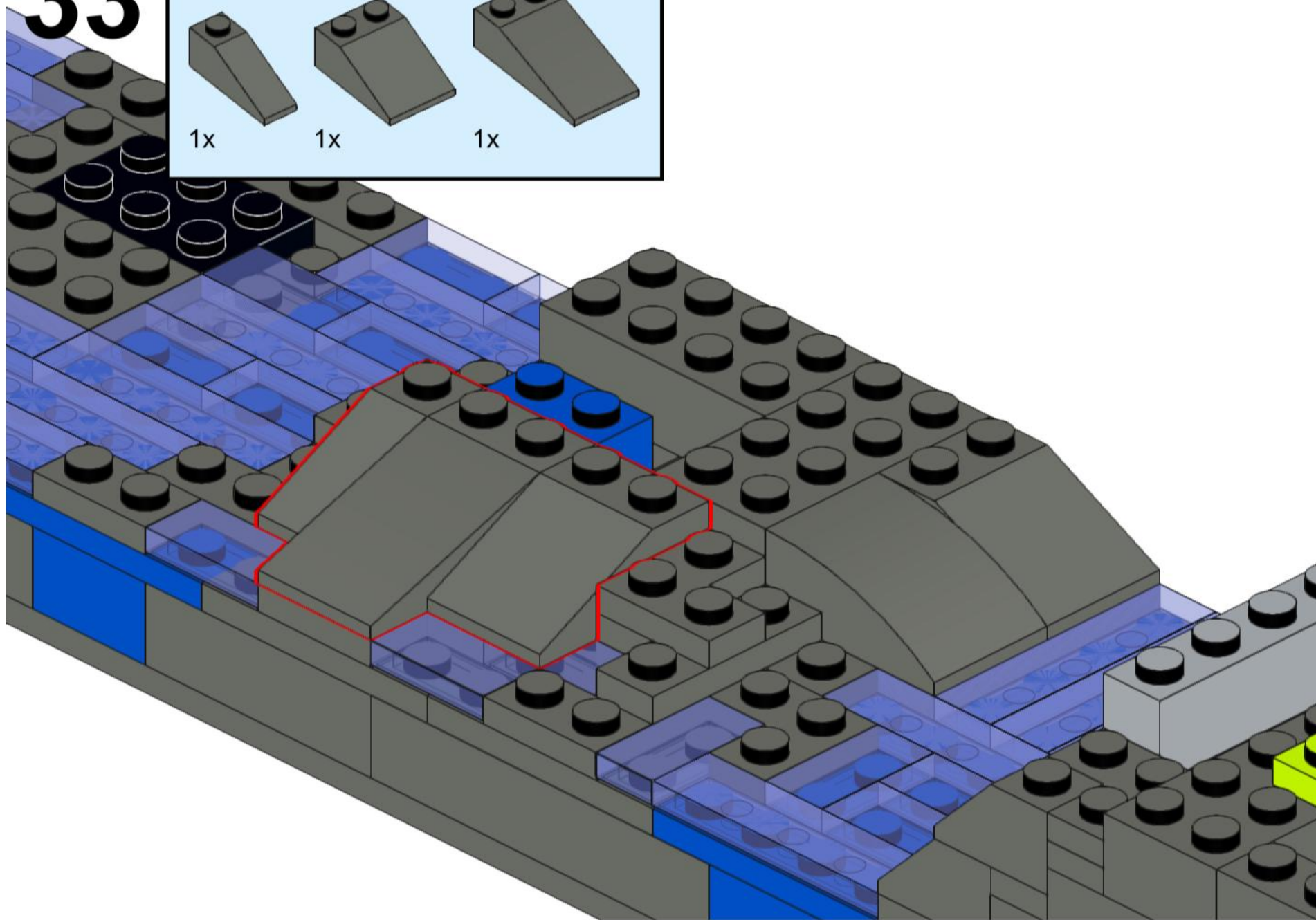
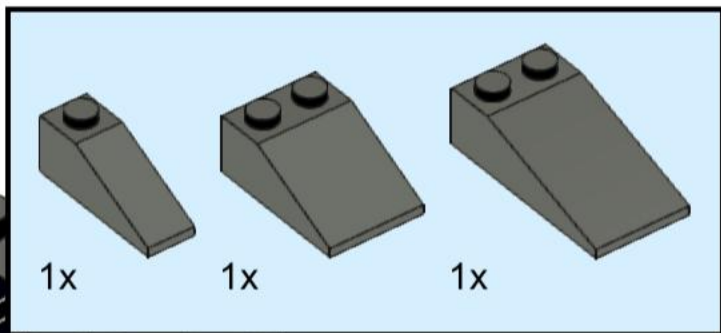
31



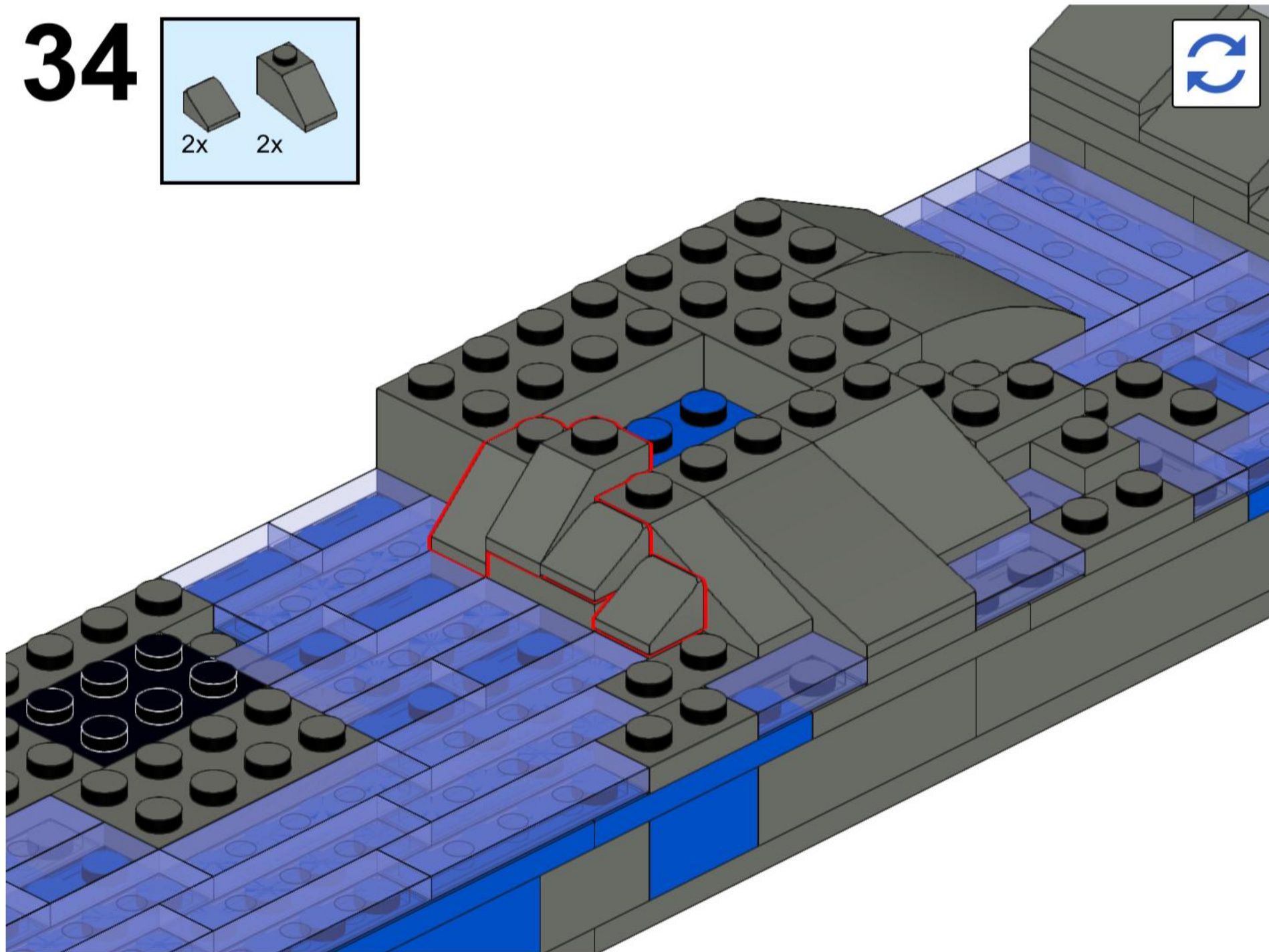
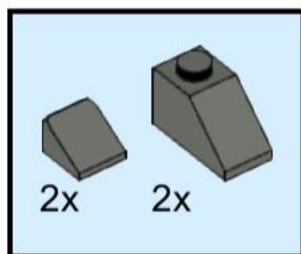
32



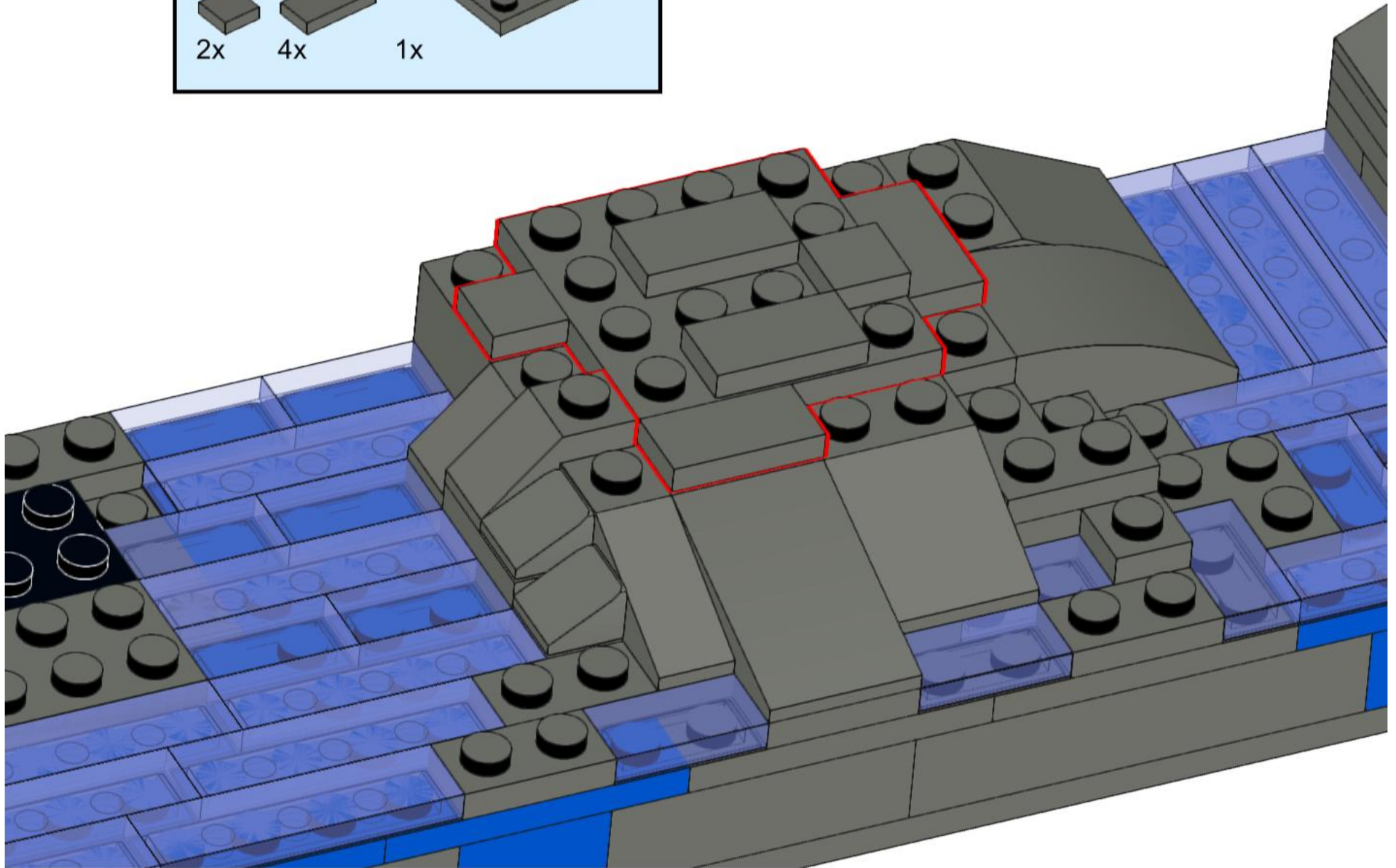
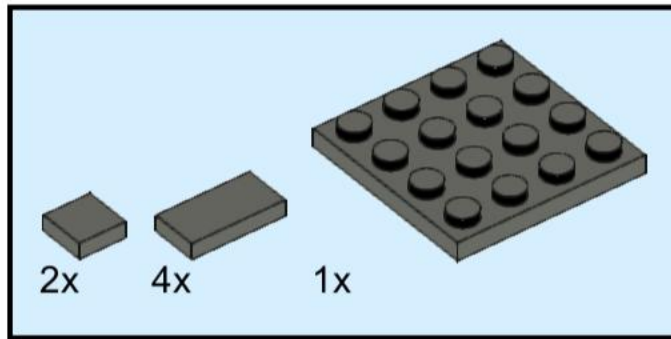
33



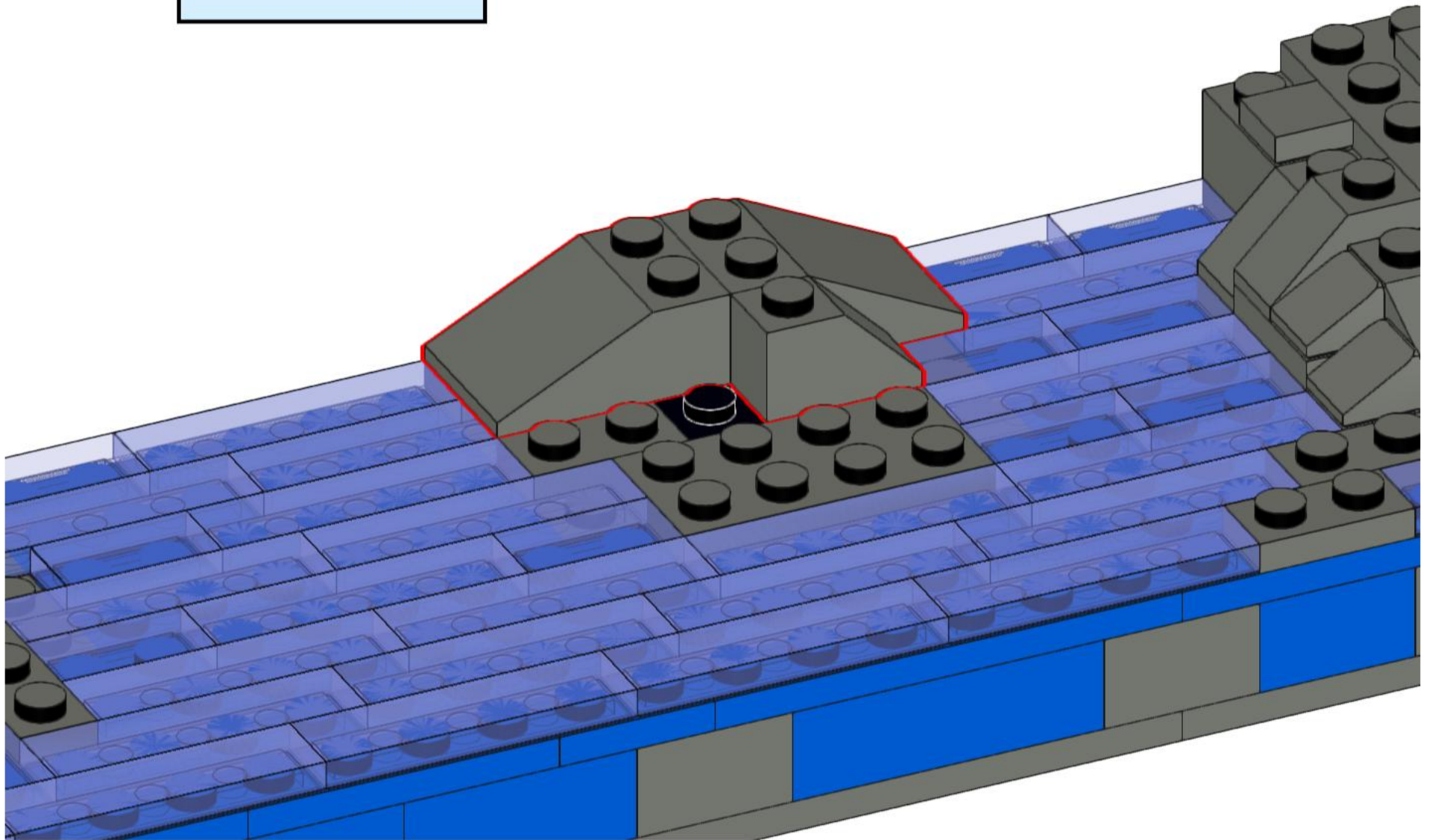
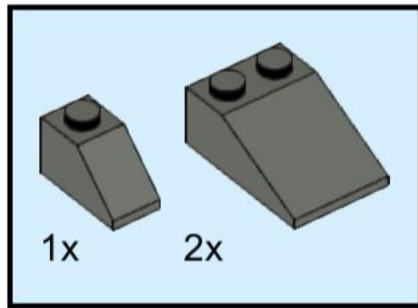
34



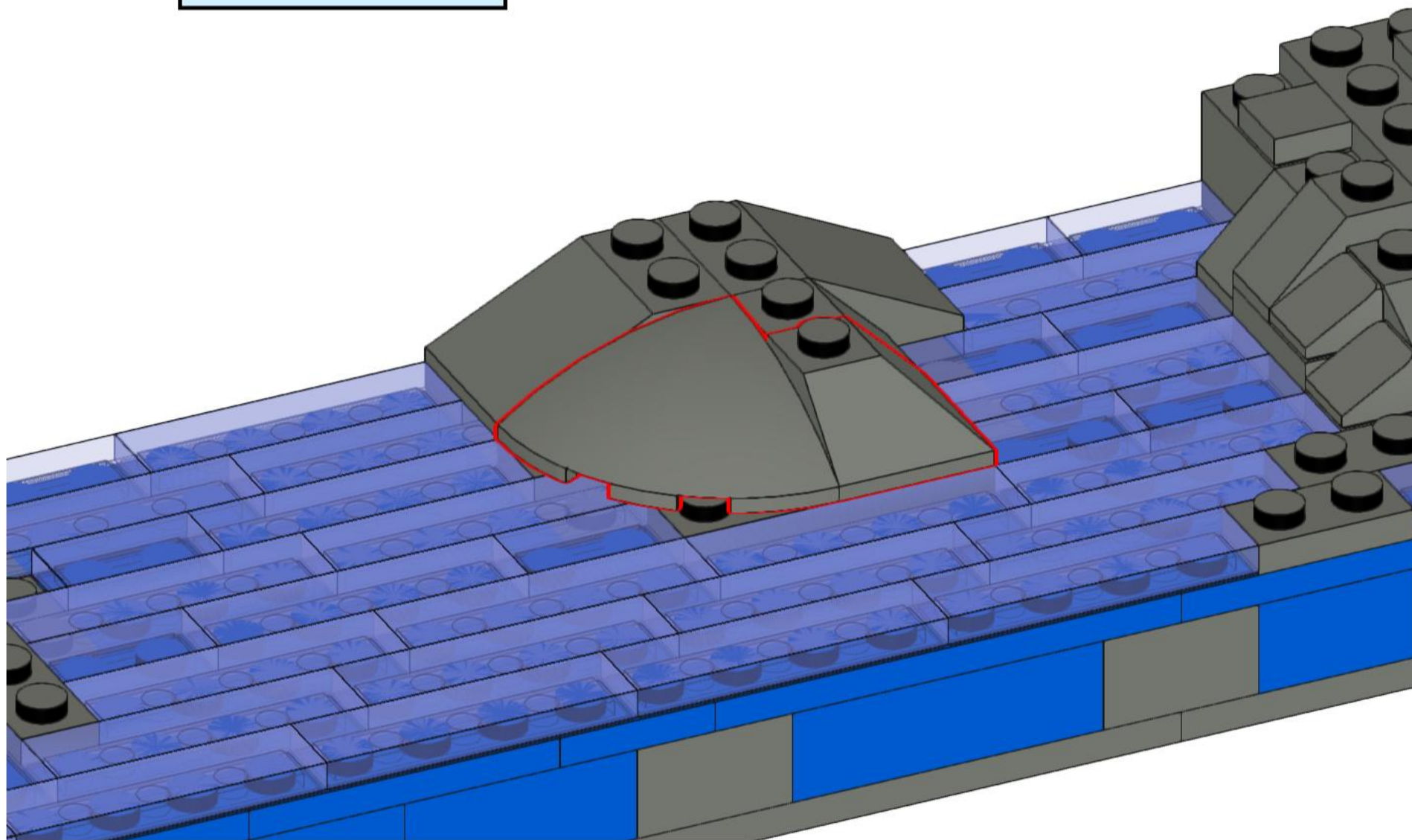
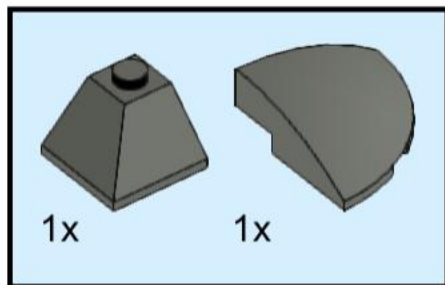
35



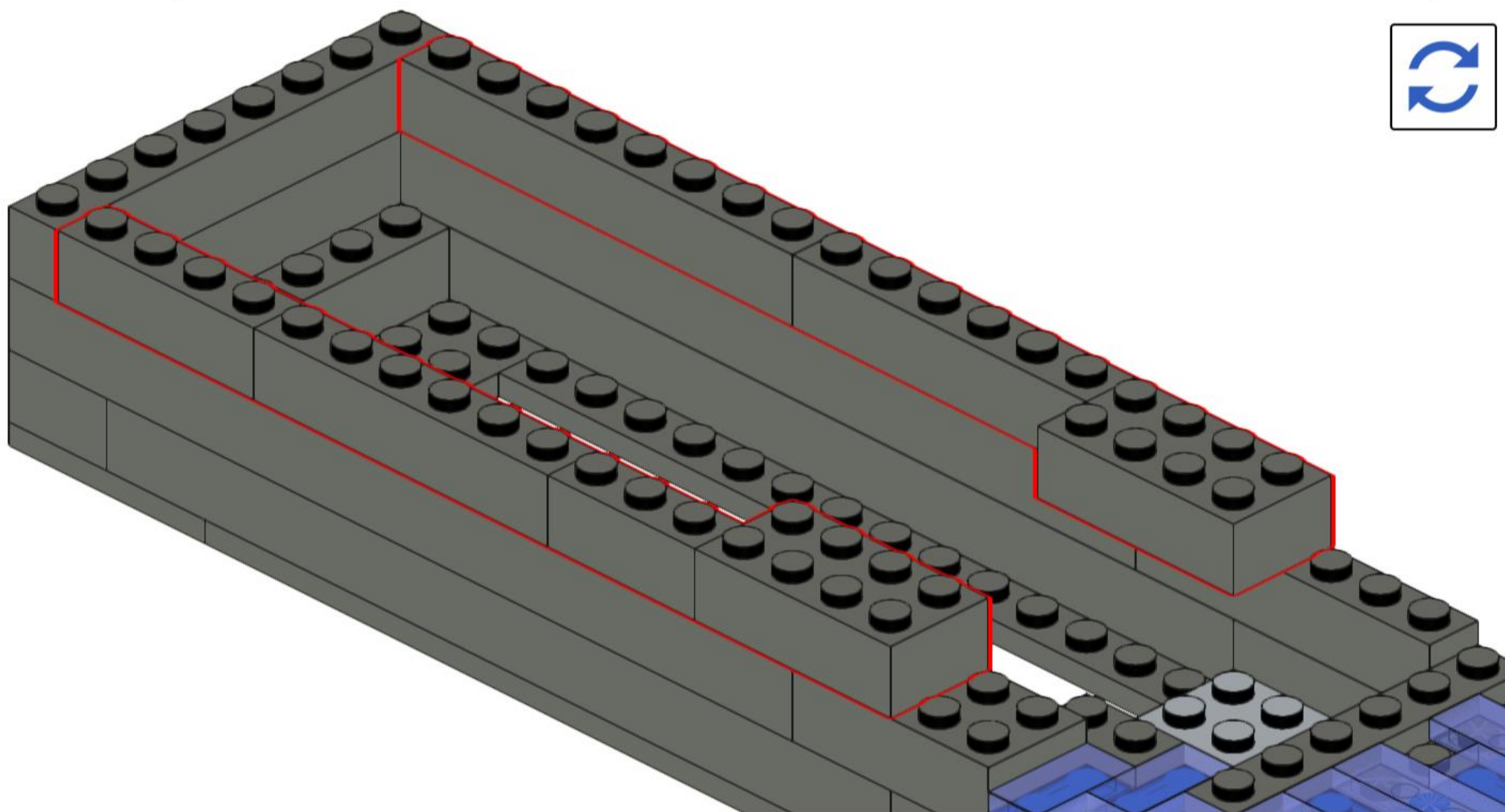
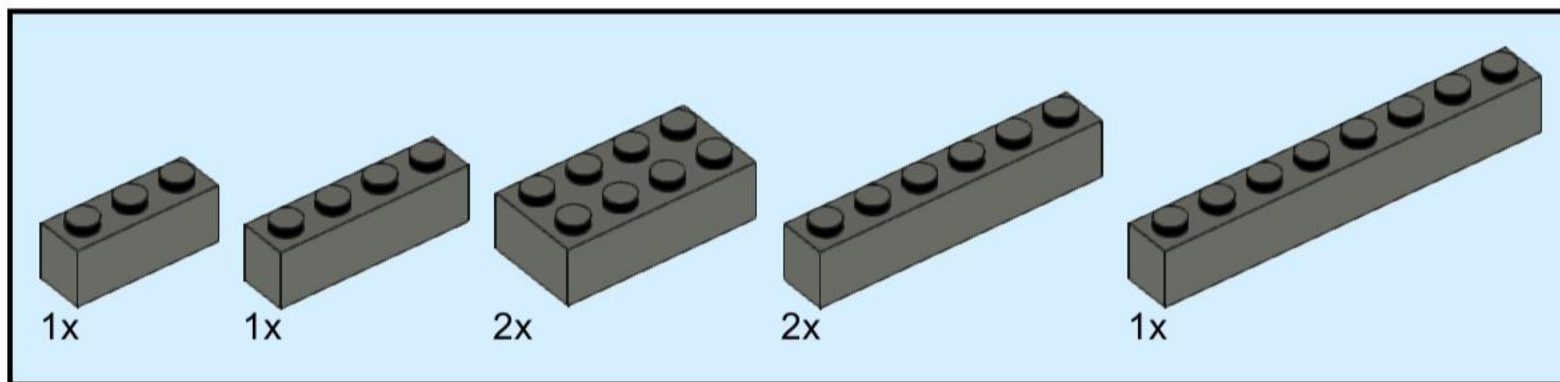
36



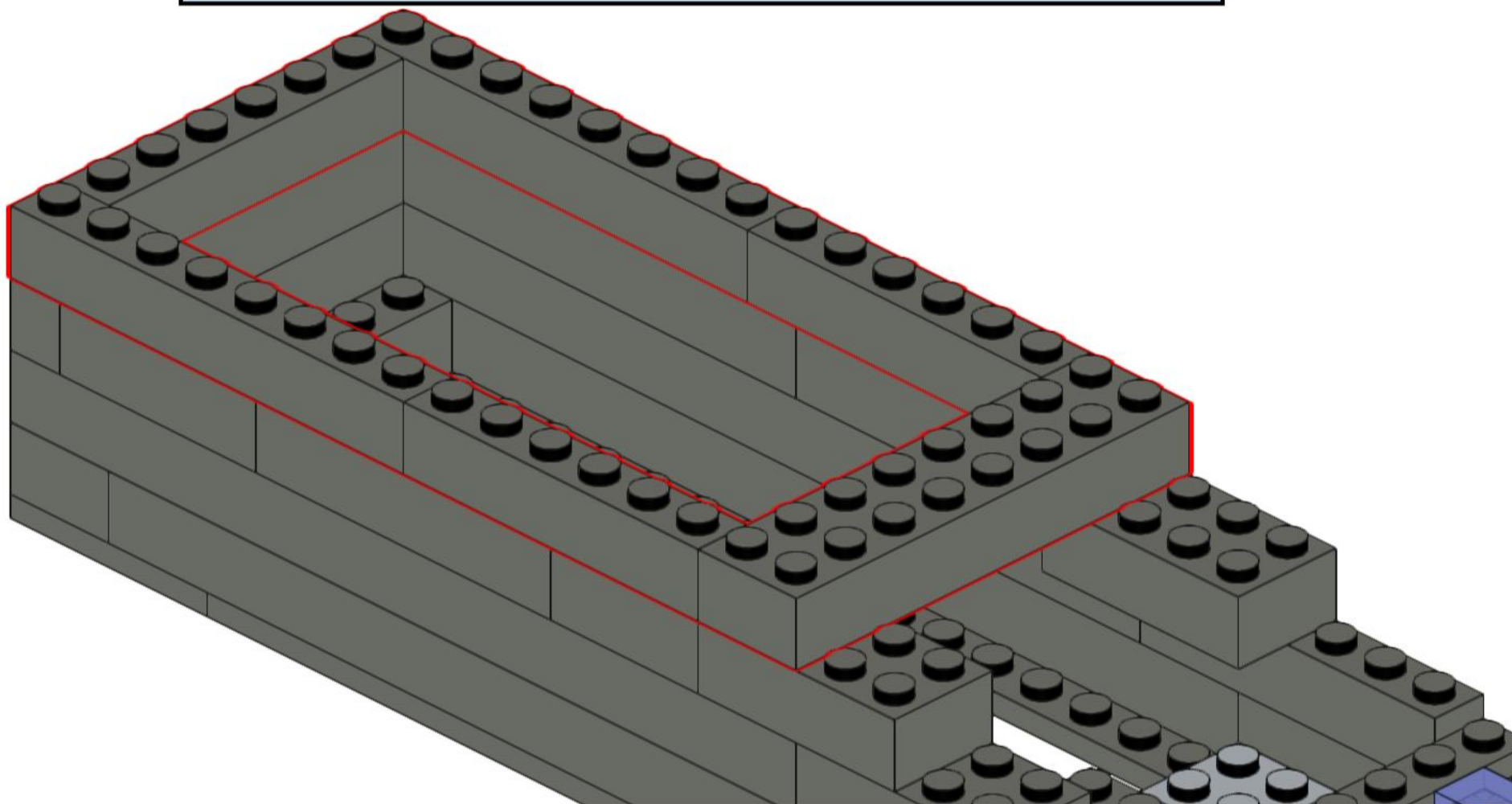
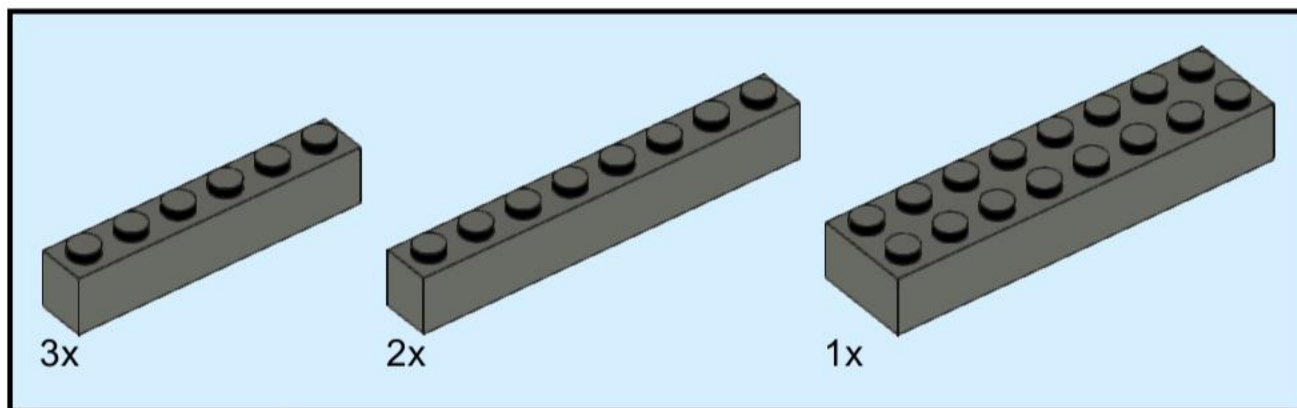
37



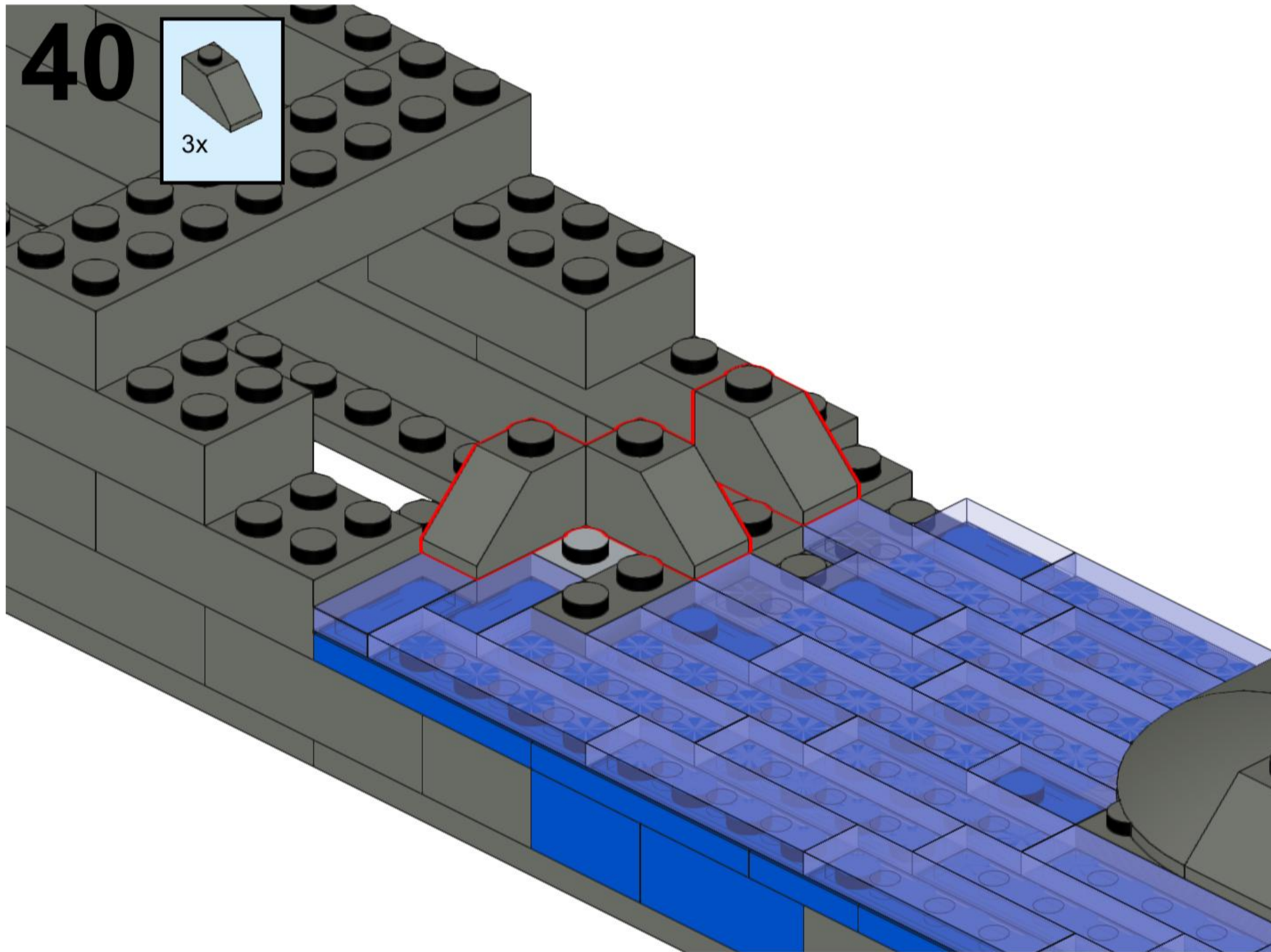
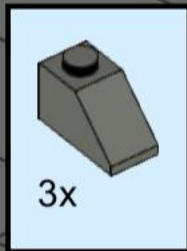
38



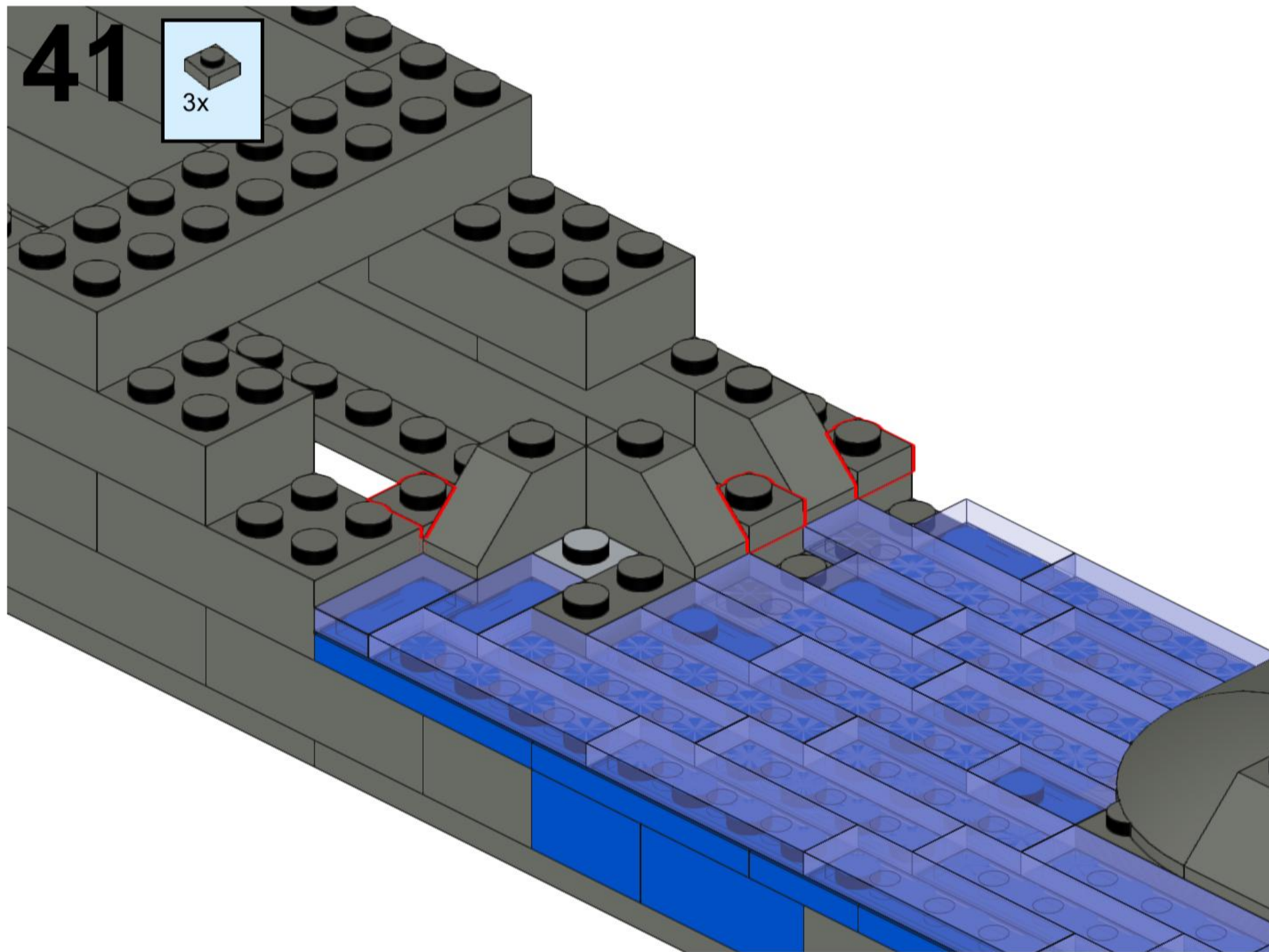
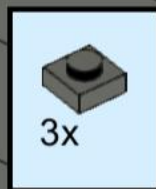
39



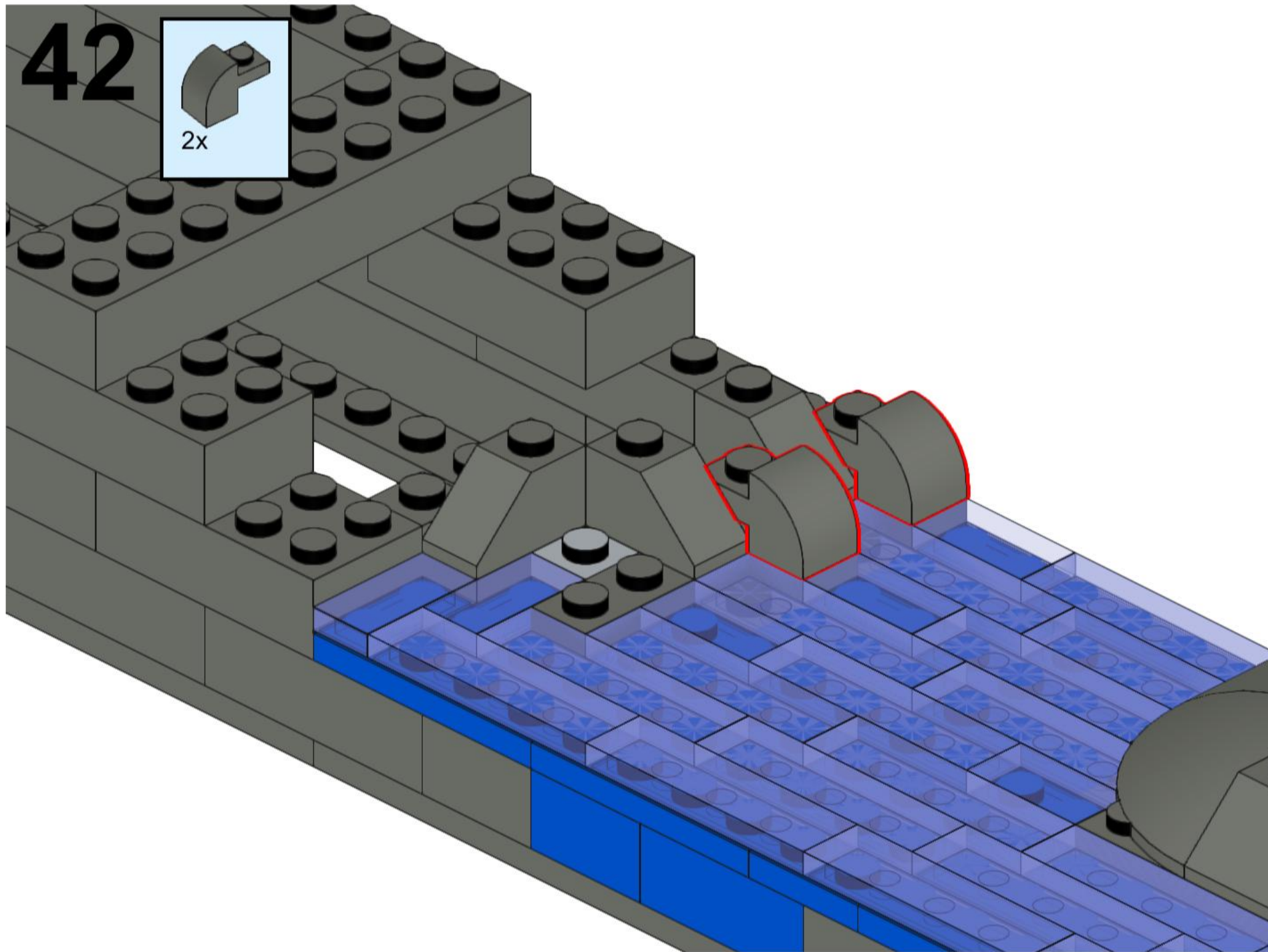
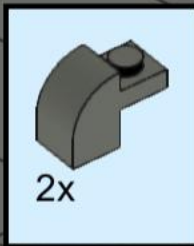
40



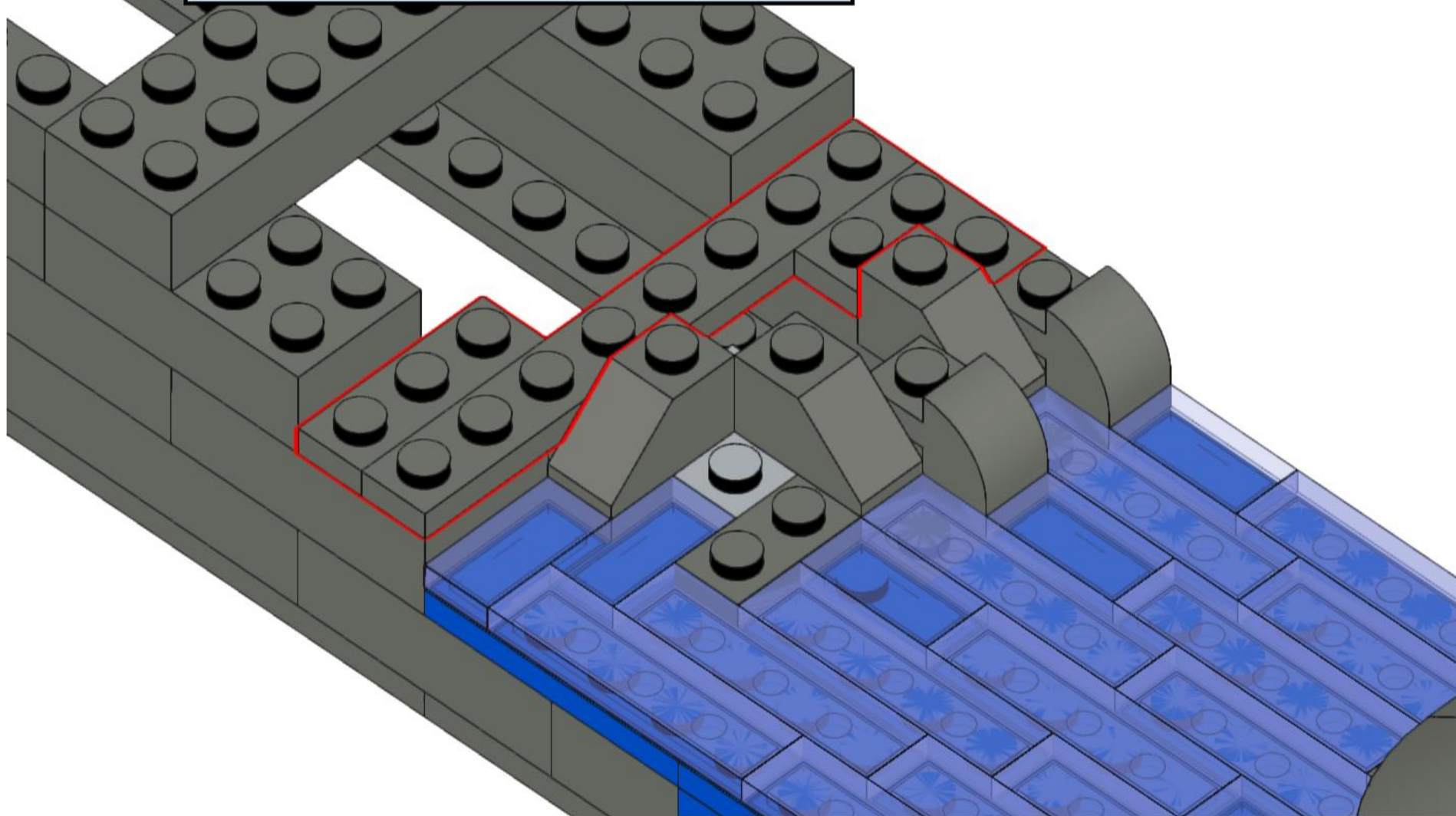
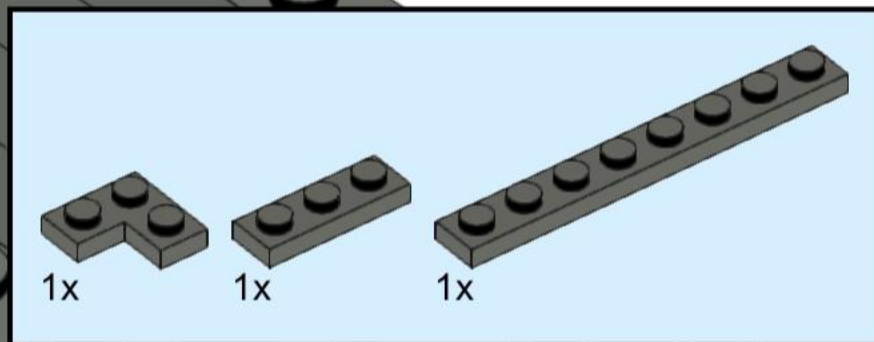
41



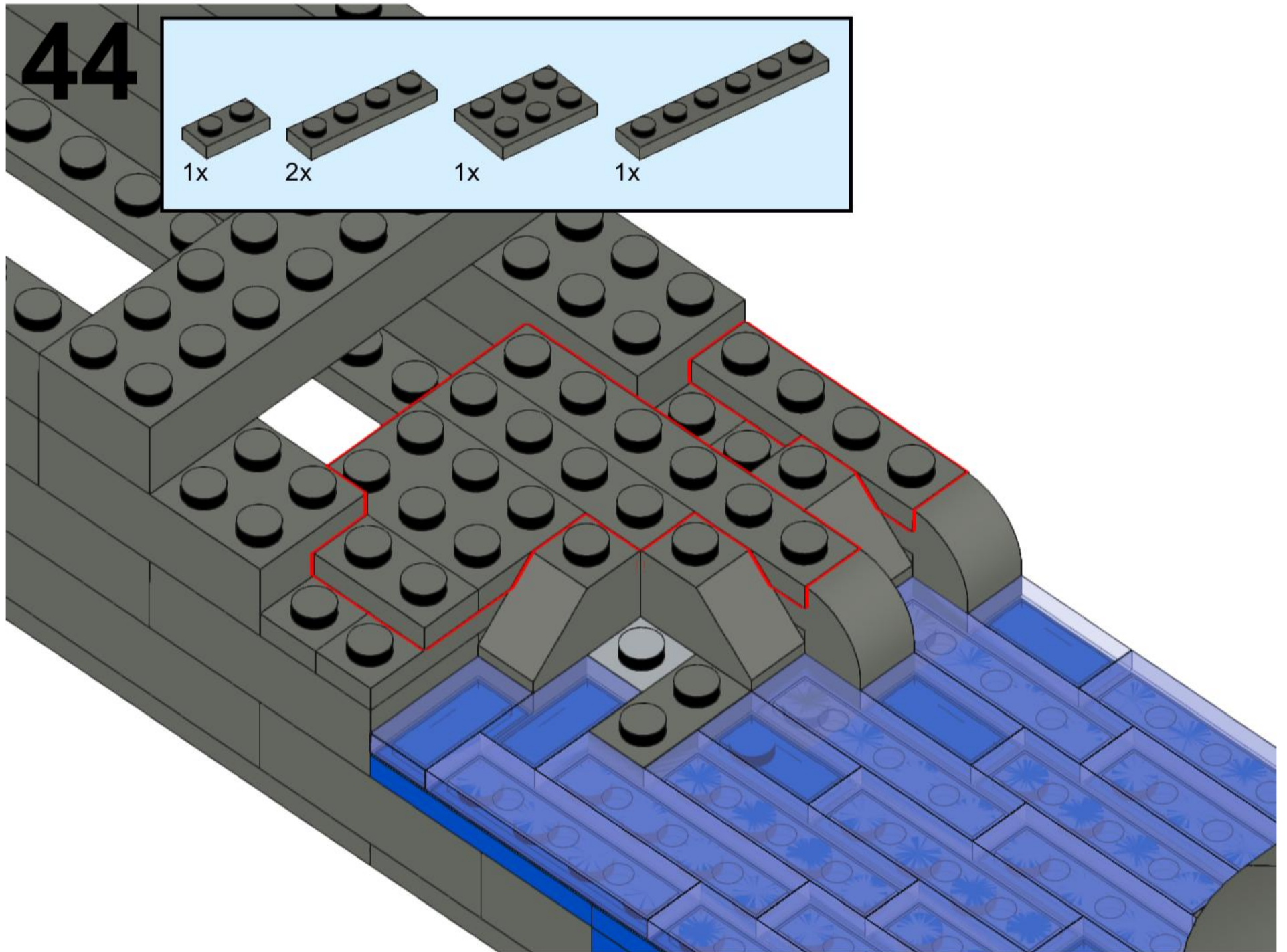
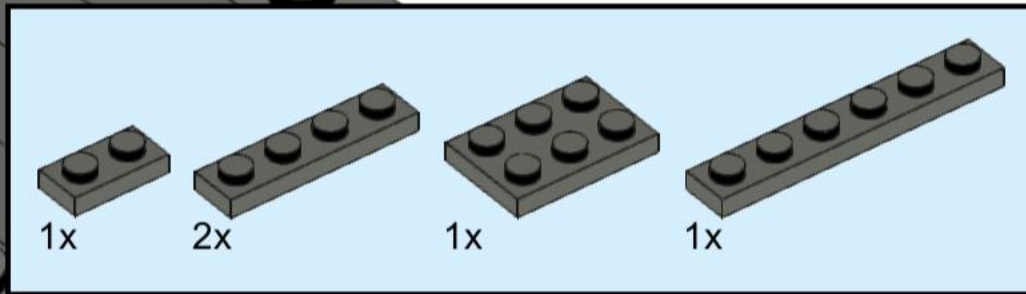
42



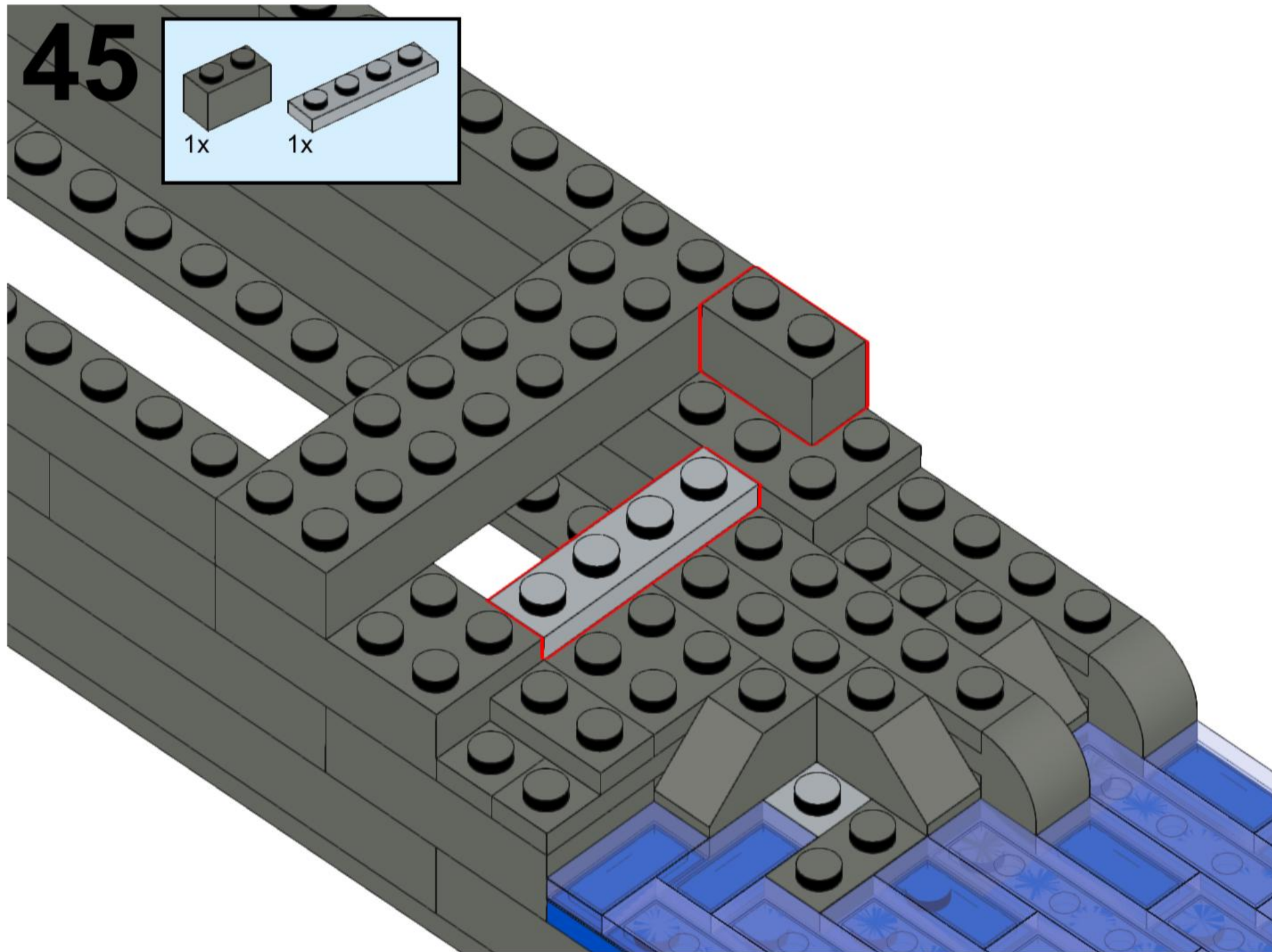
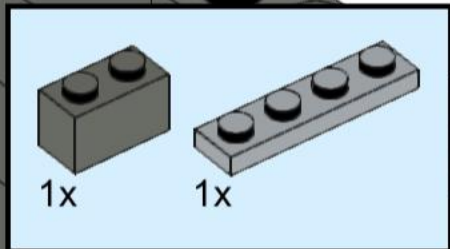
43



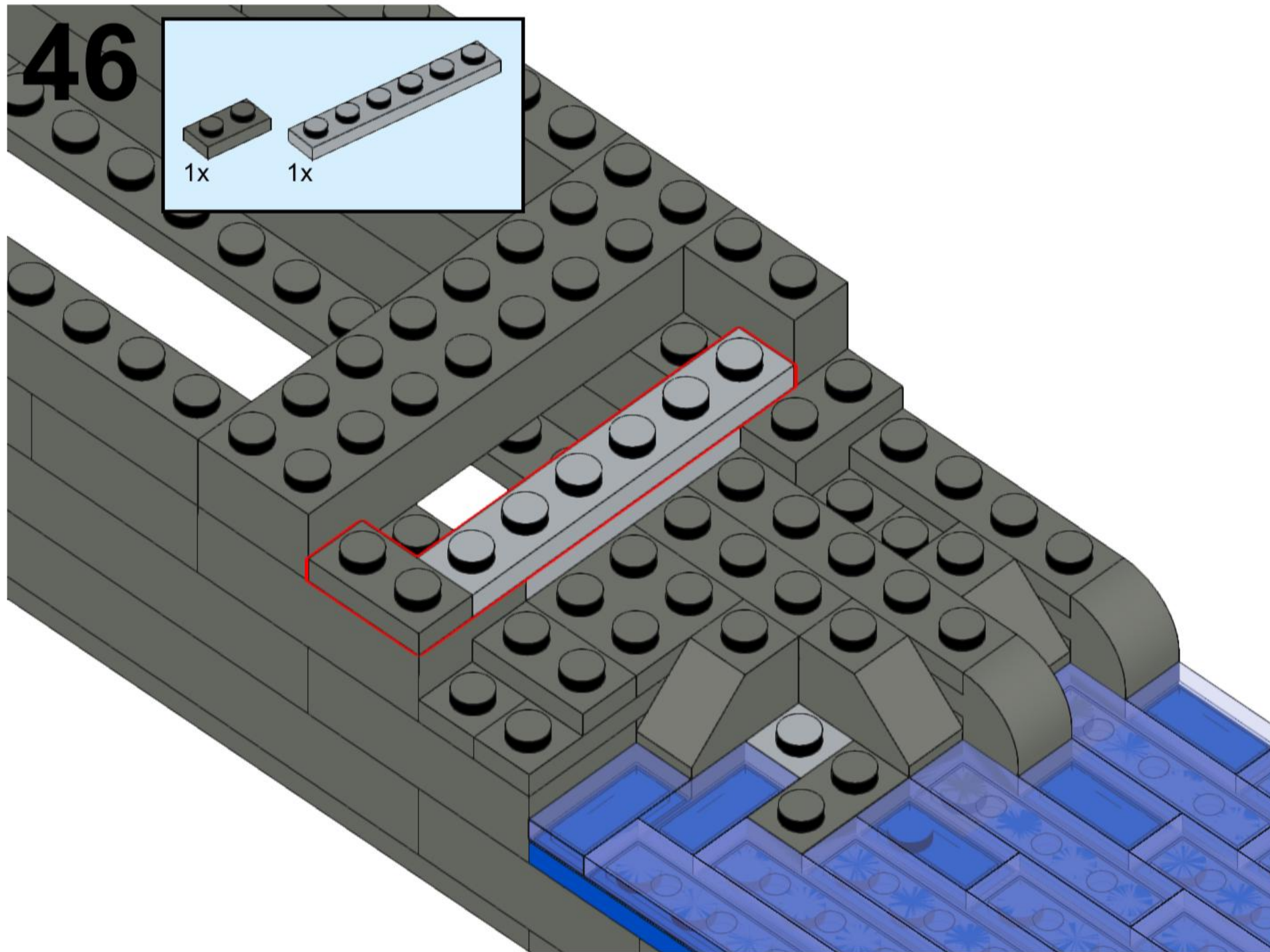
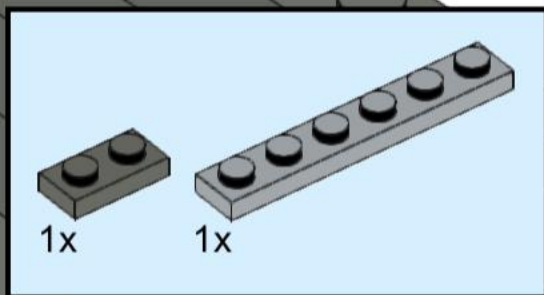
44



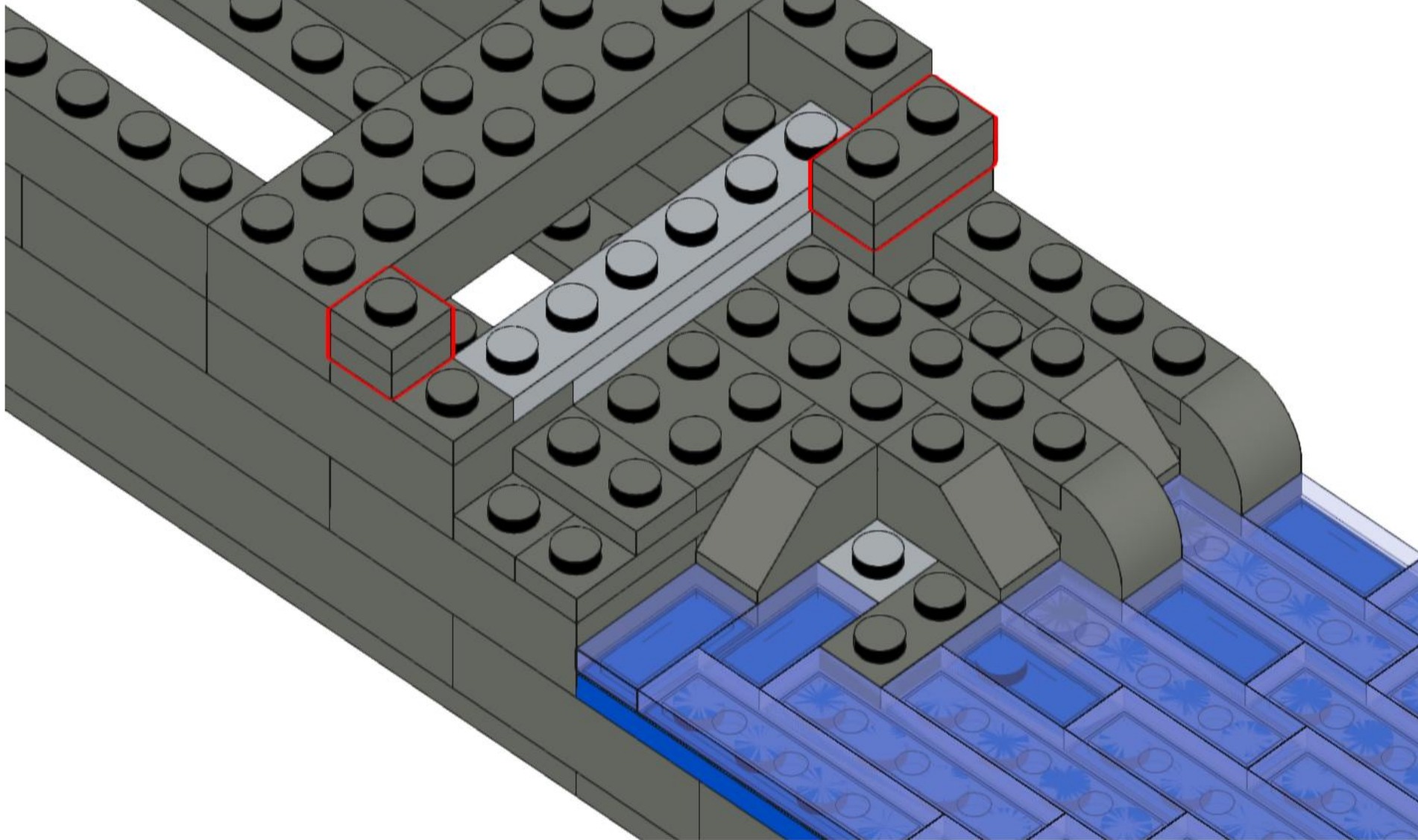
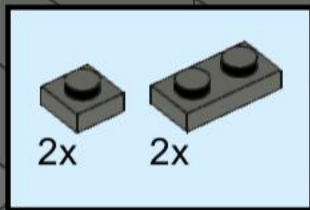
45



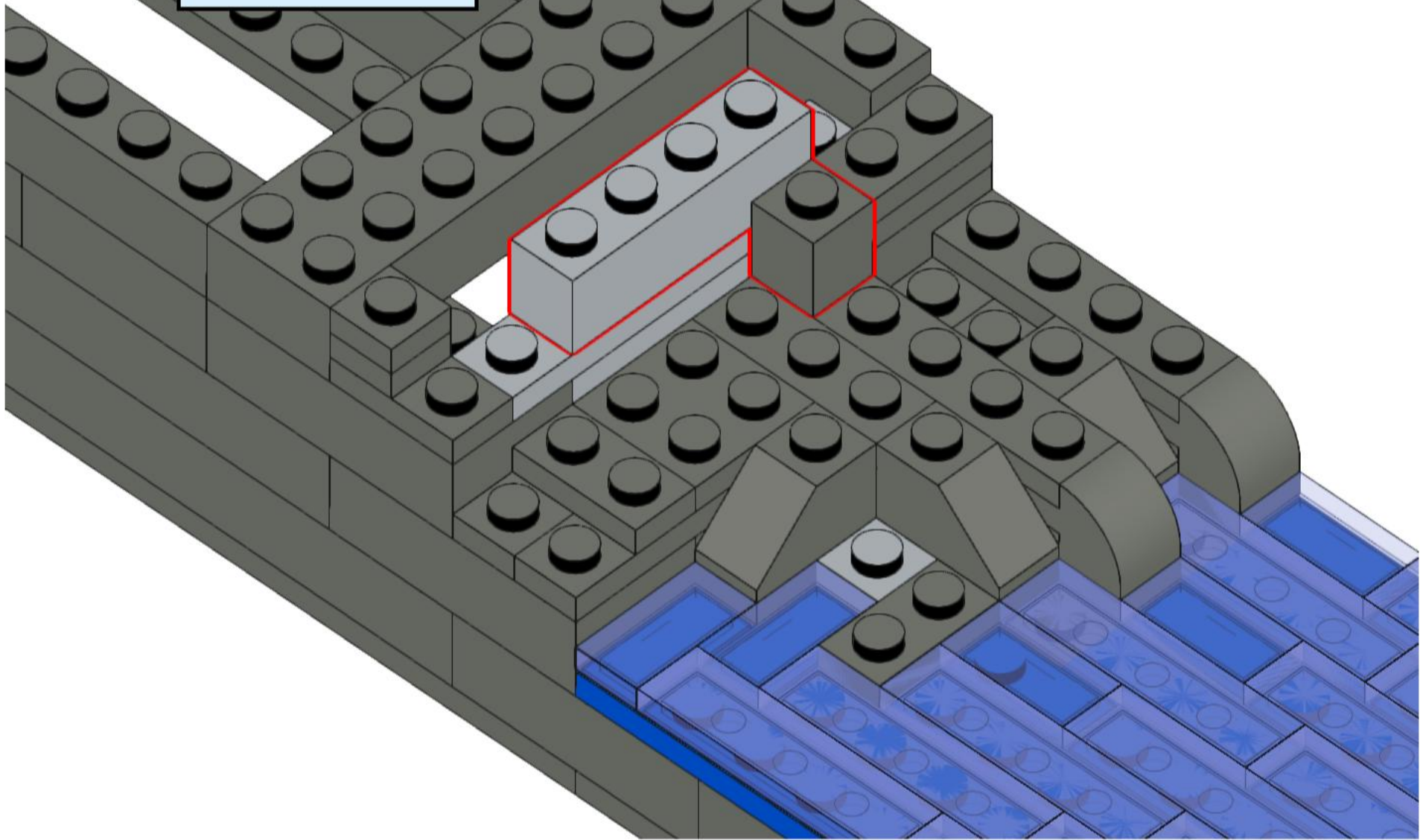
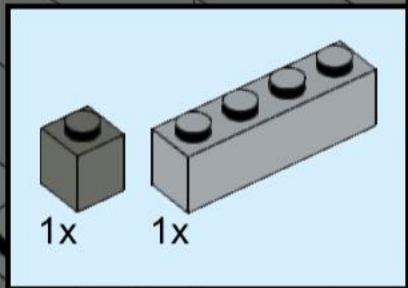
46



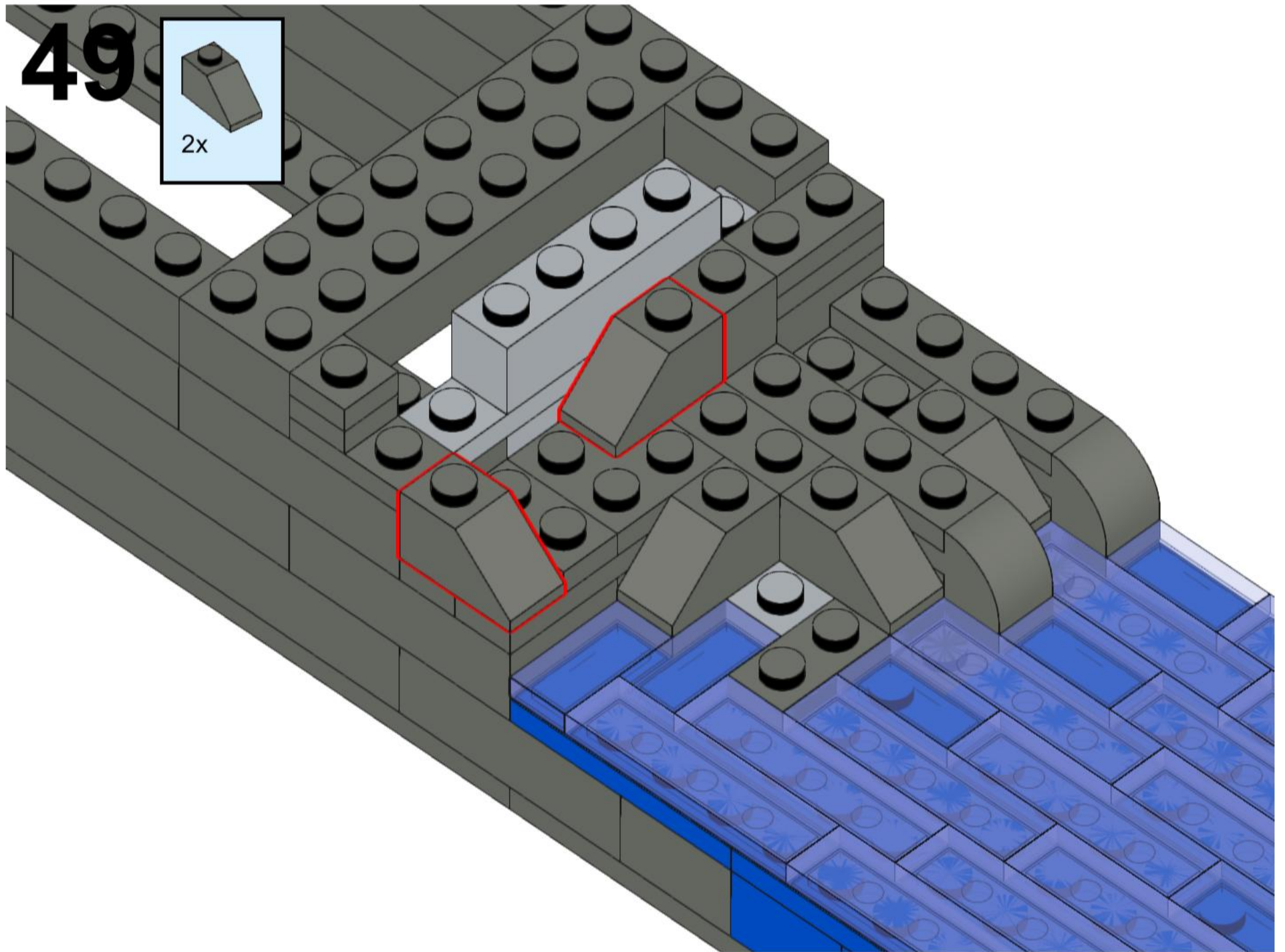
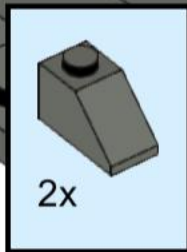
47



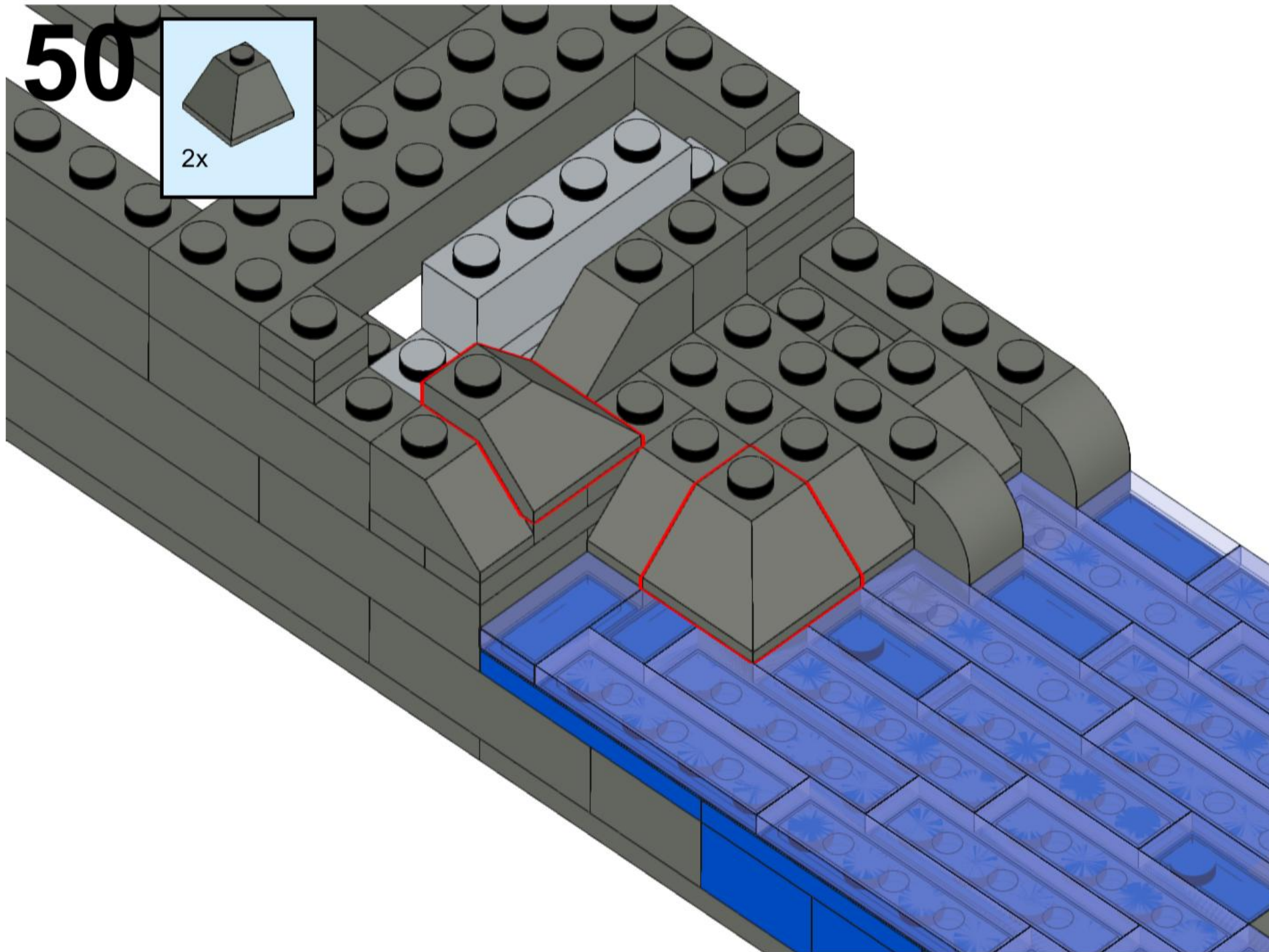
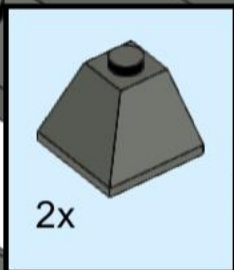
48

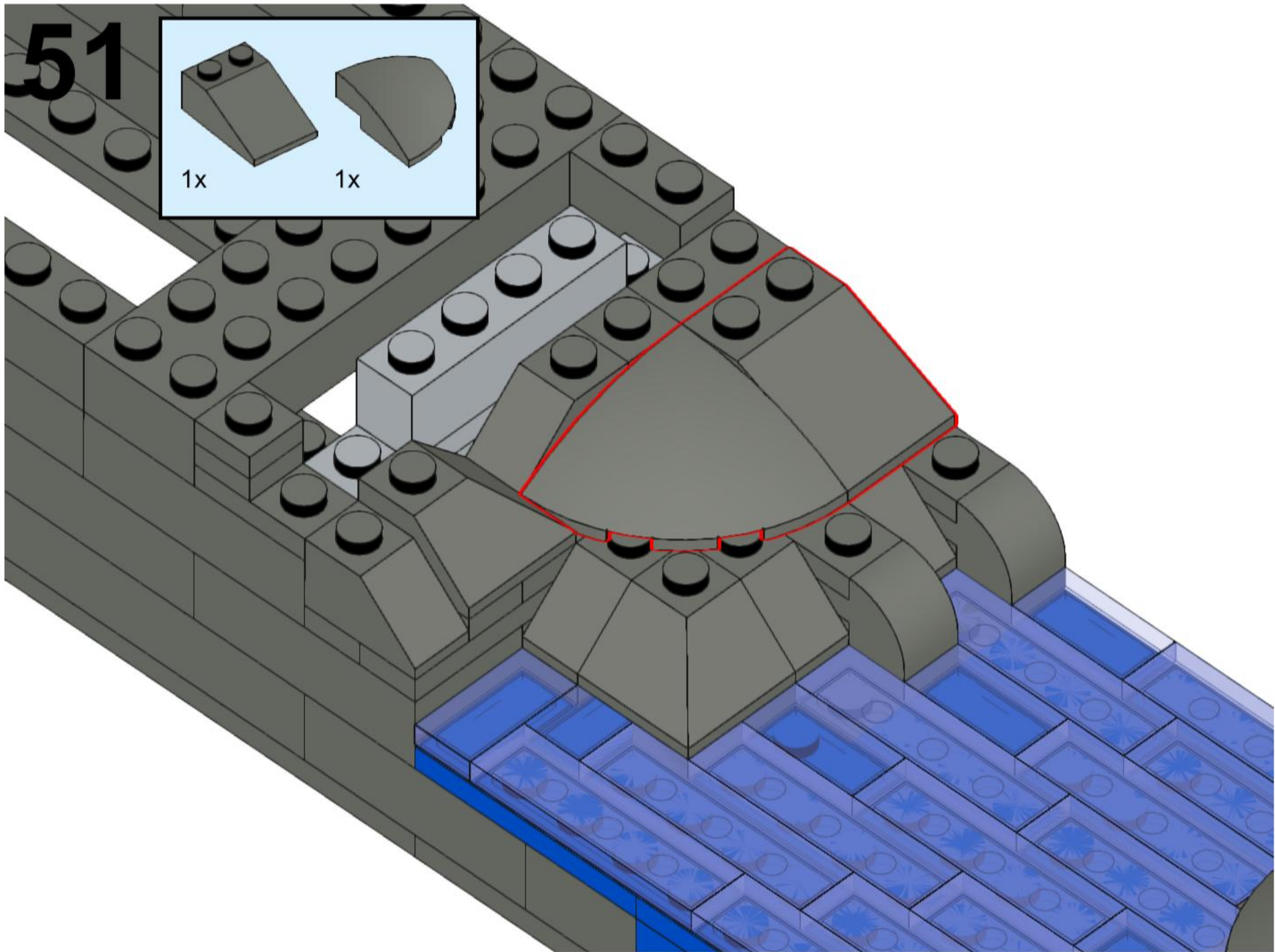


49

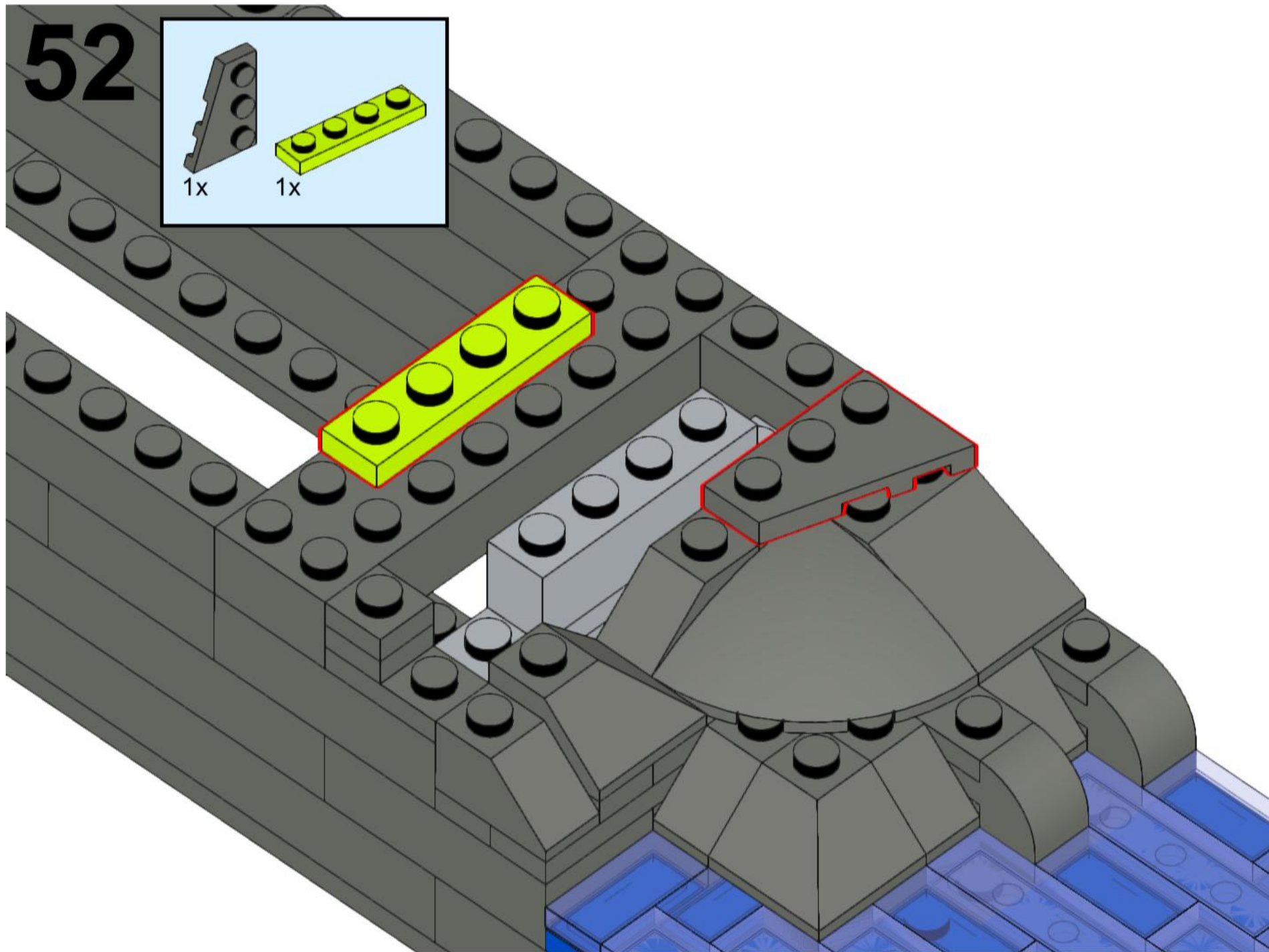
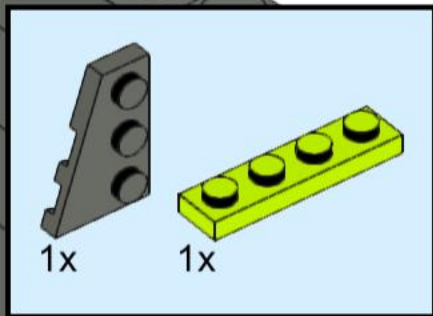


50

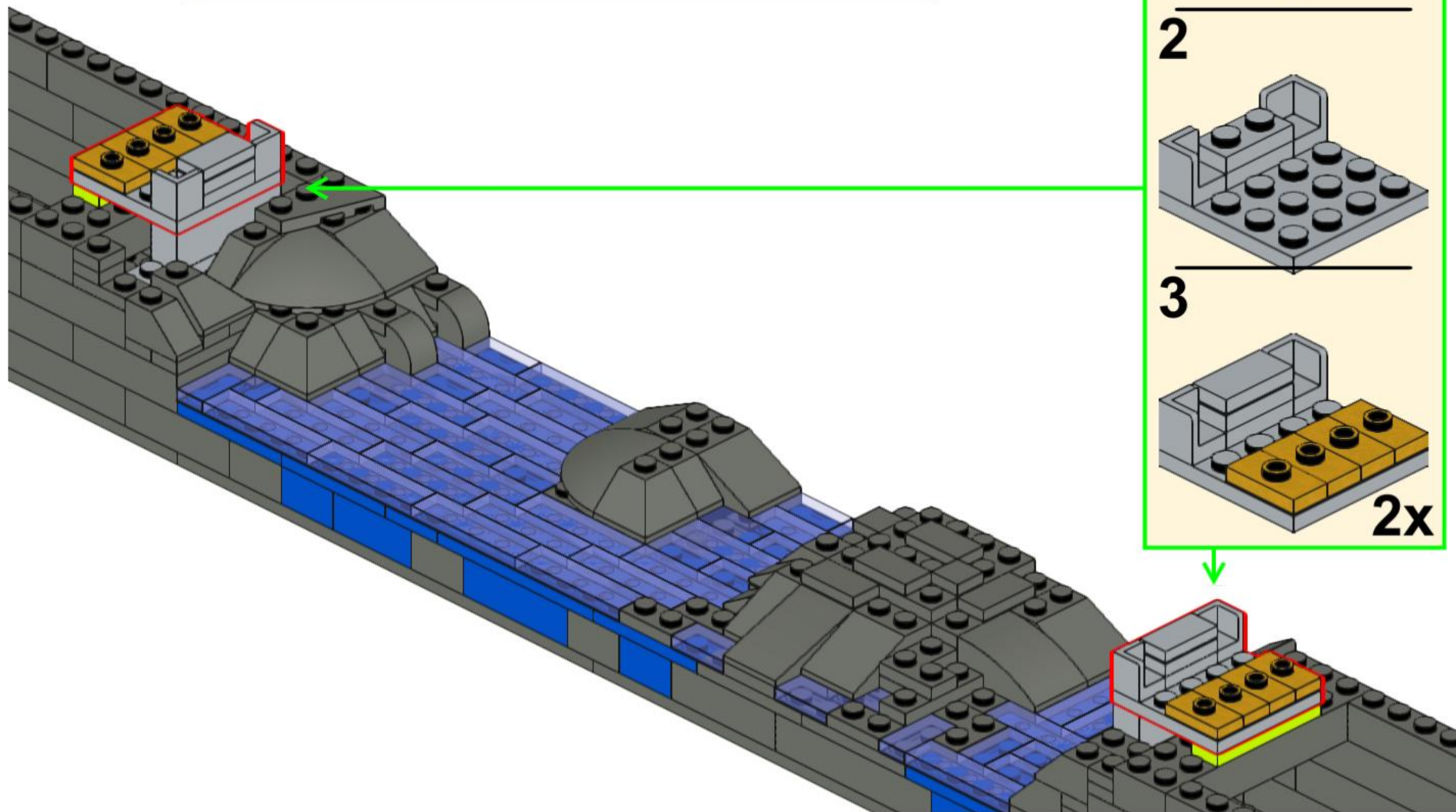
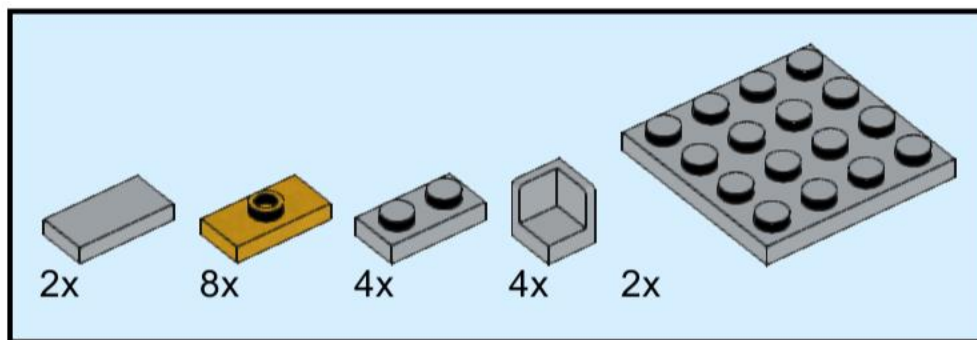




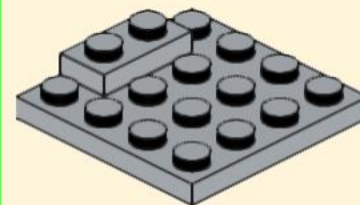
52



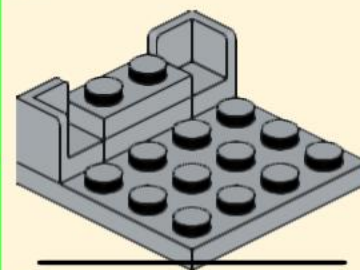
53



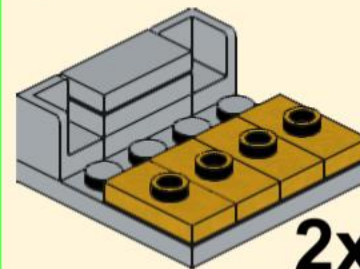
1



2

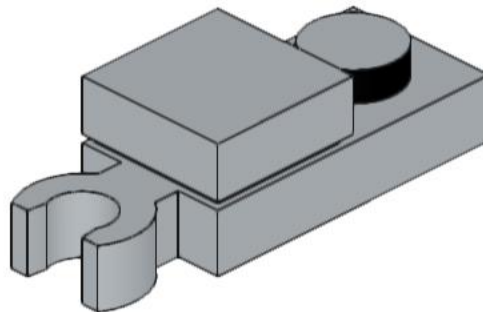
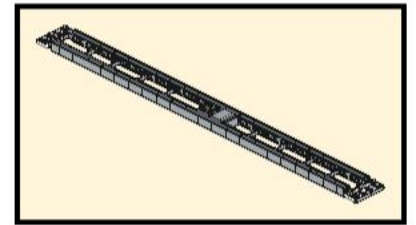
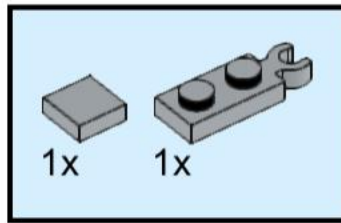


3

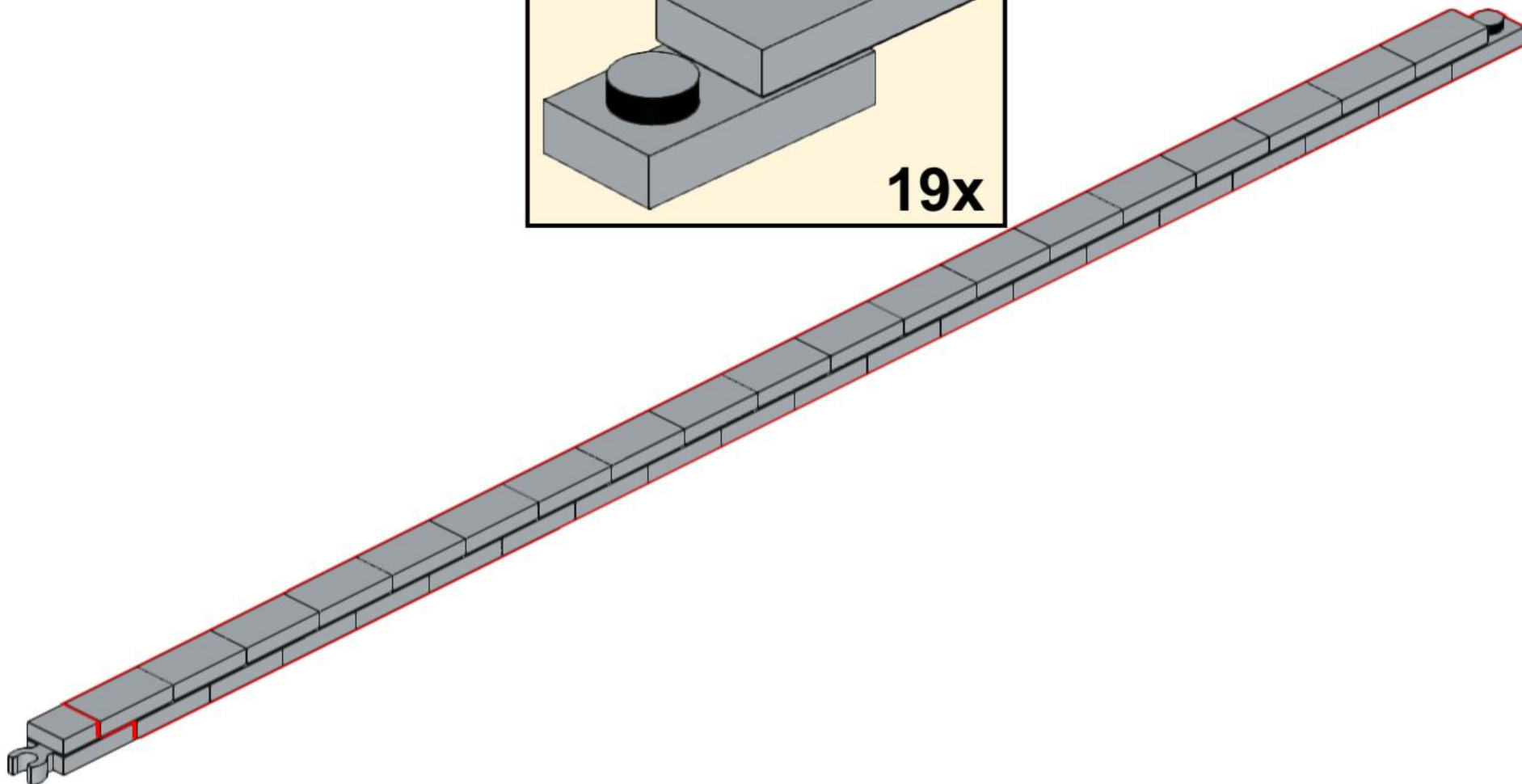
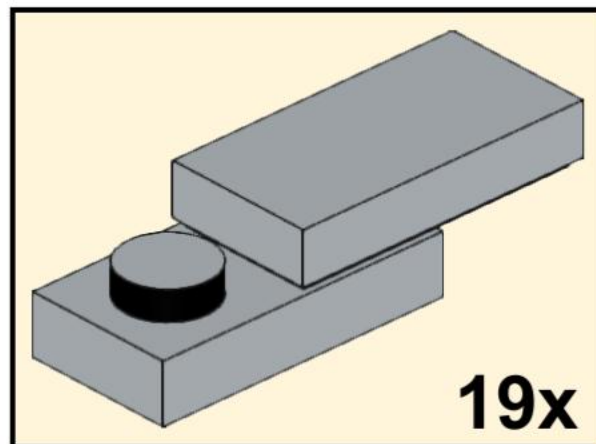
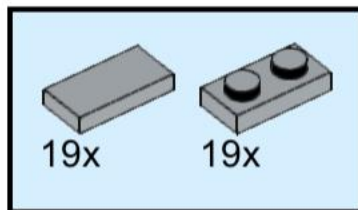


2x

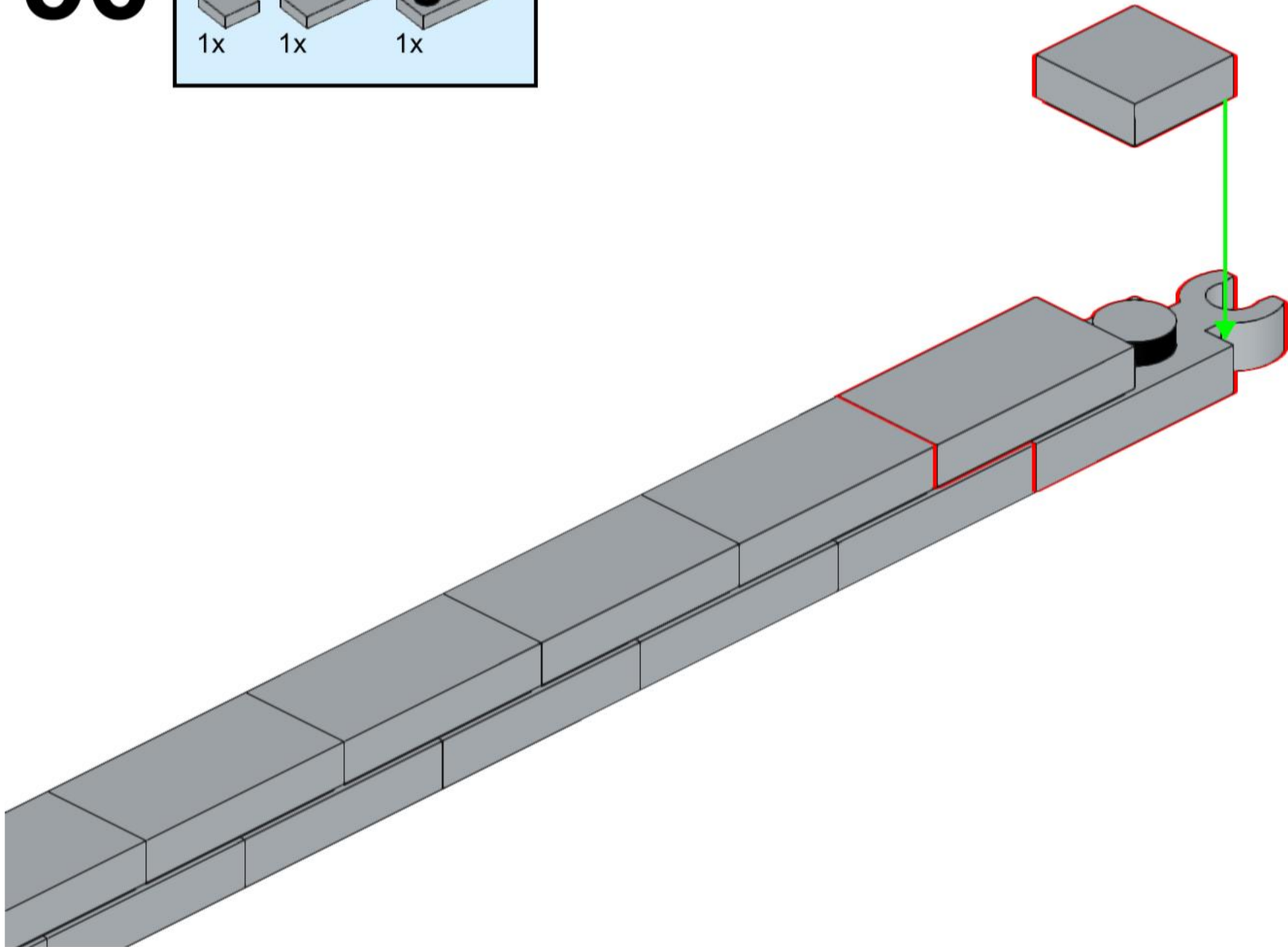
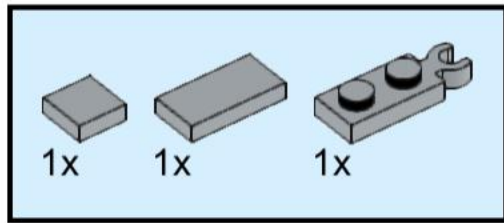
54



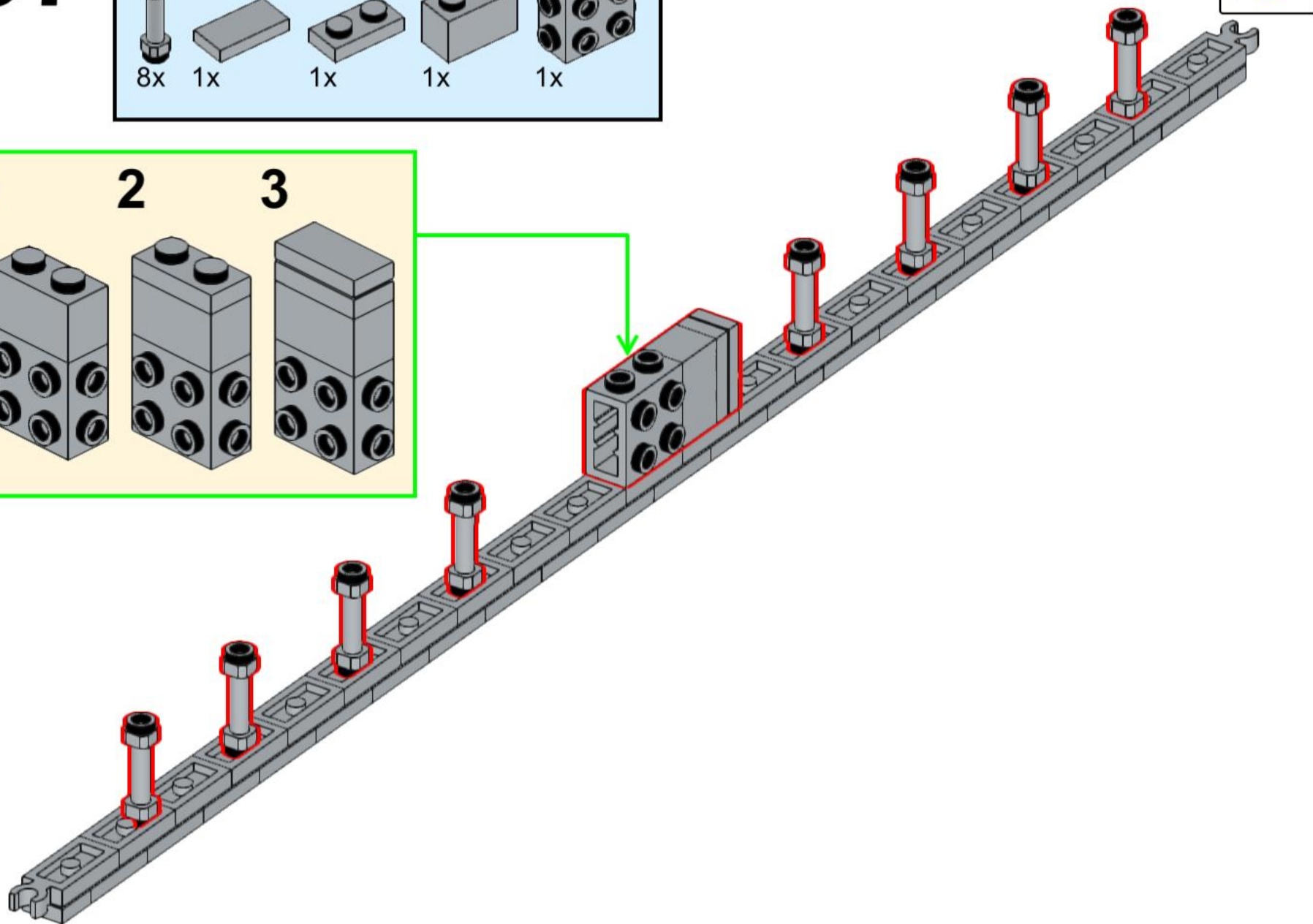
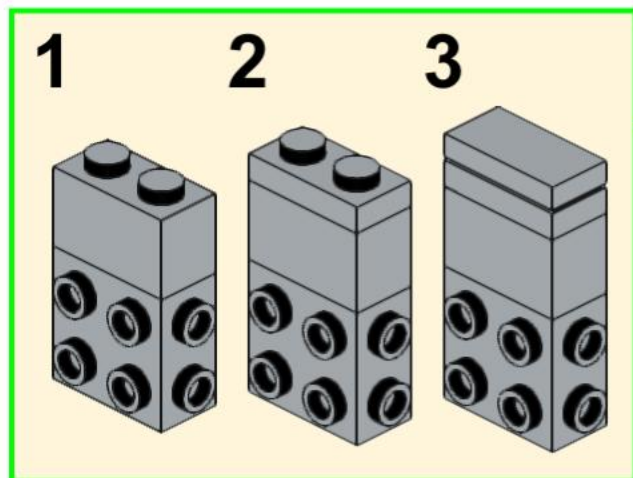
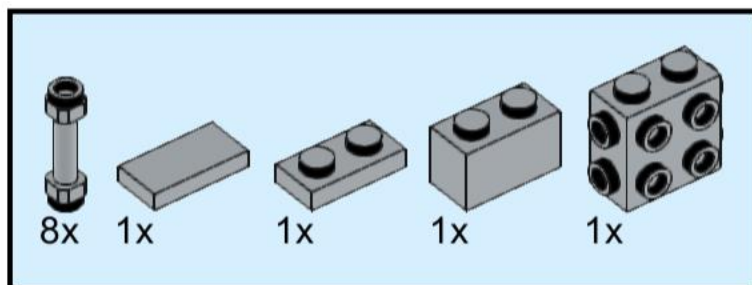
55



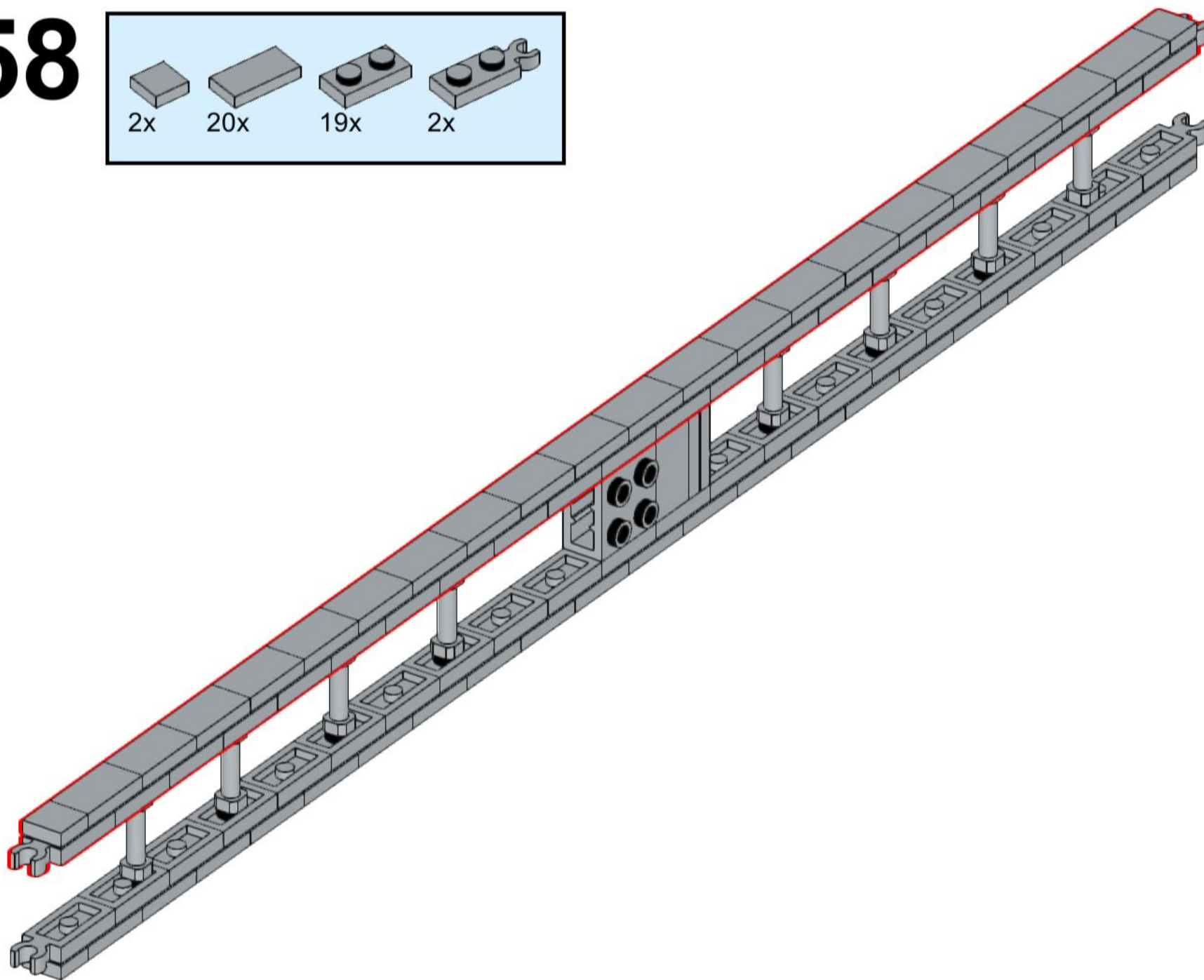
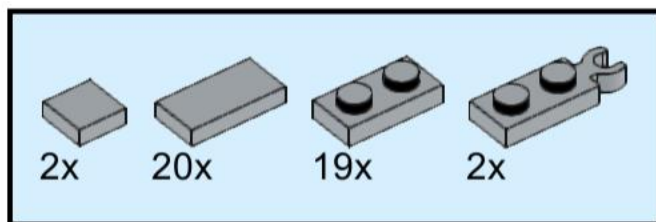
56



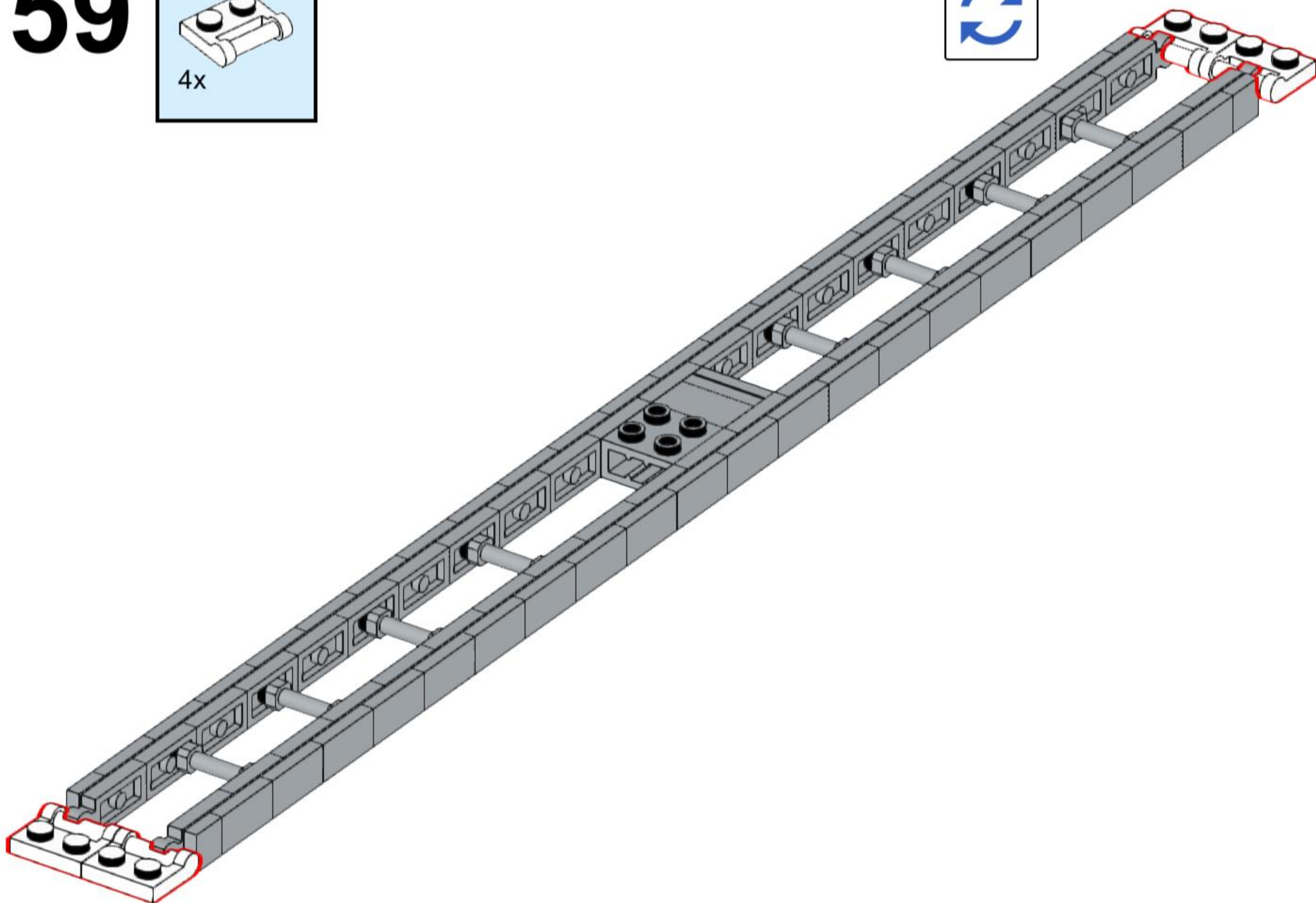
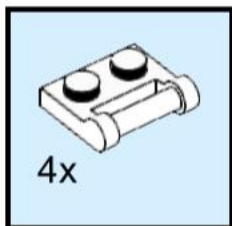
57



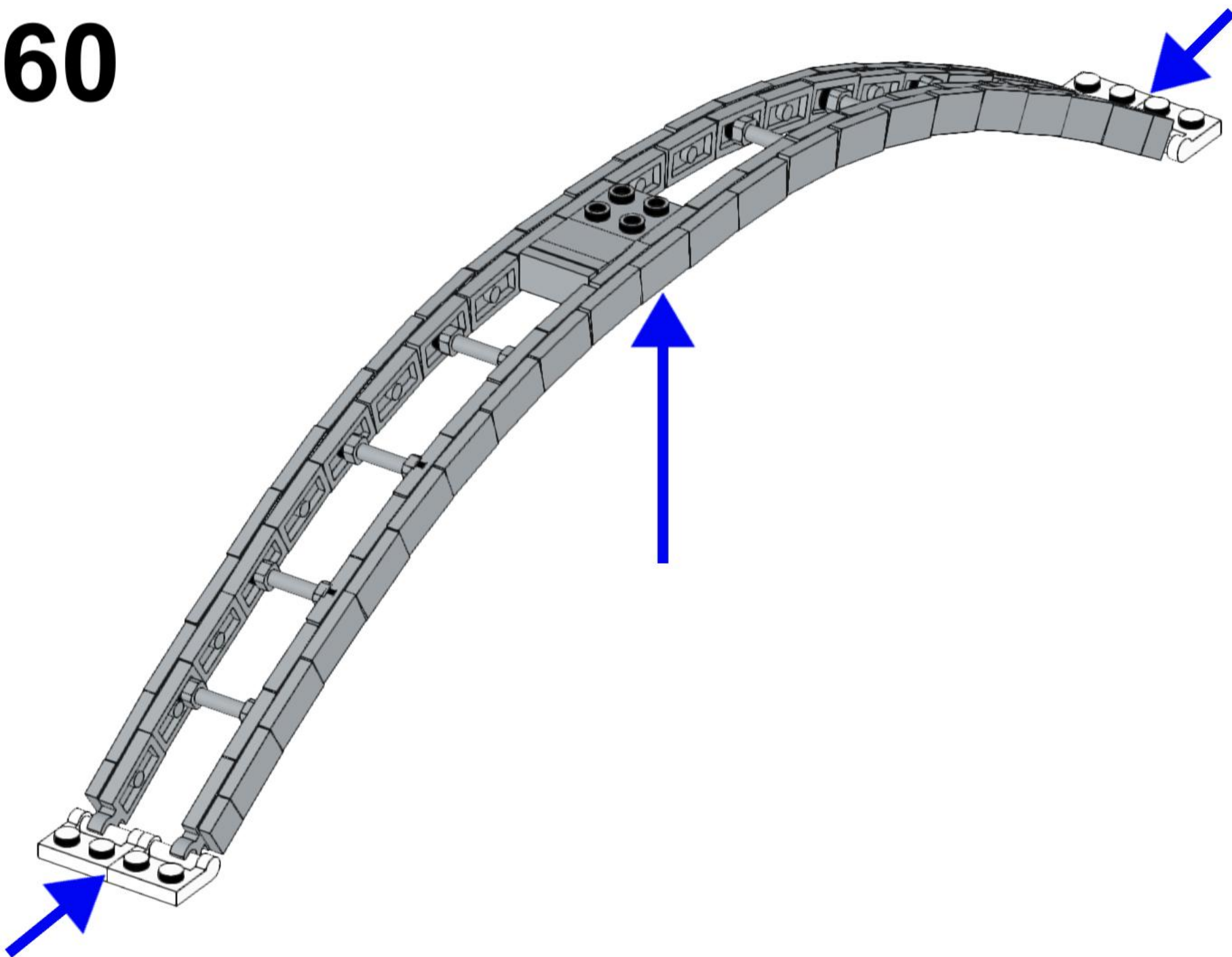
58



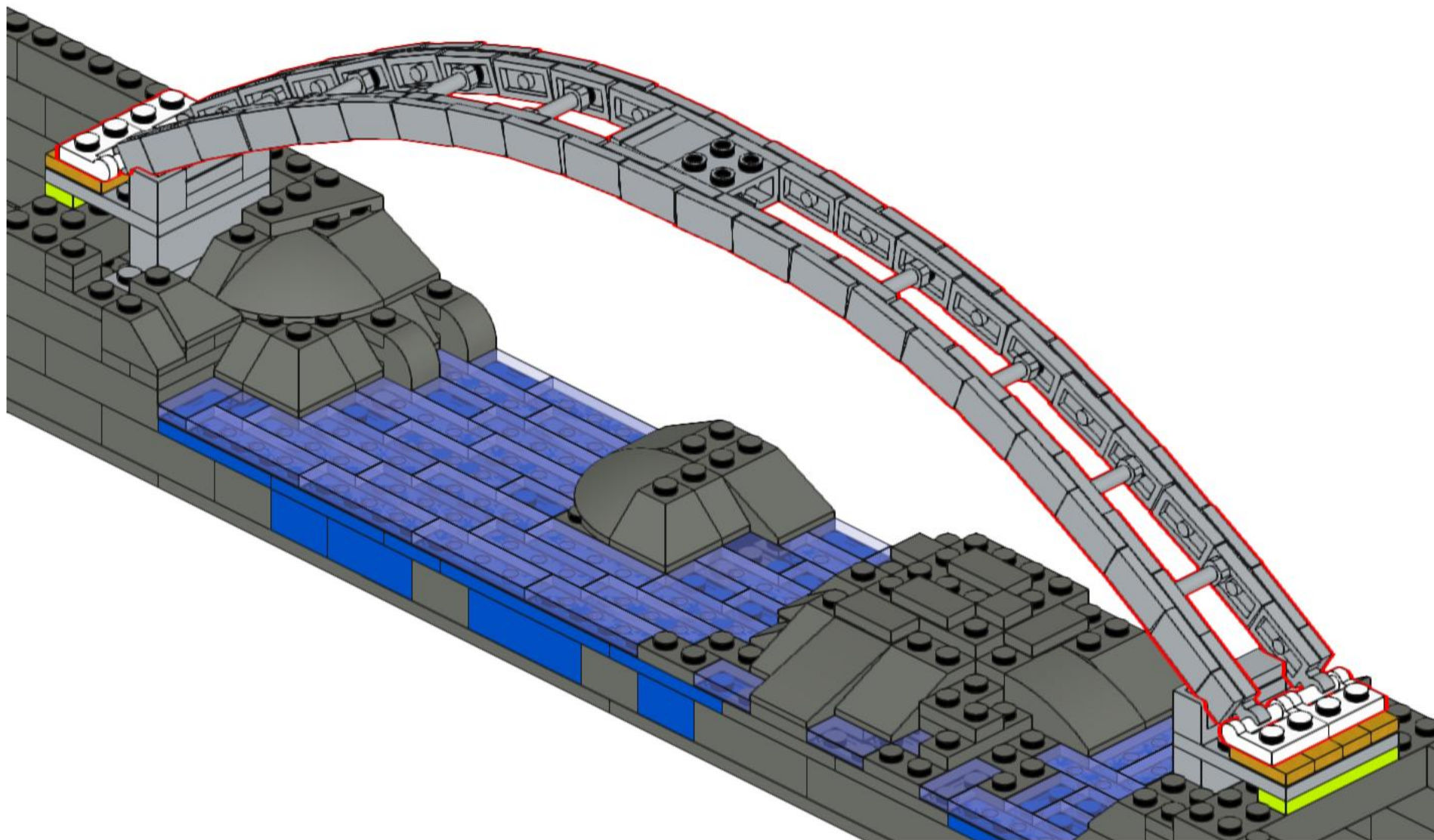
59



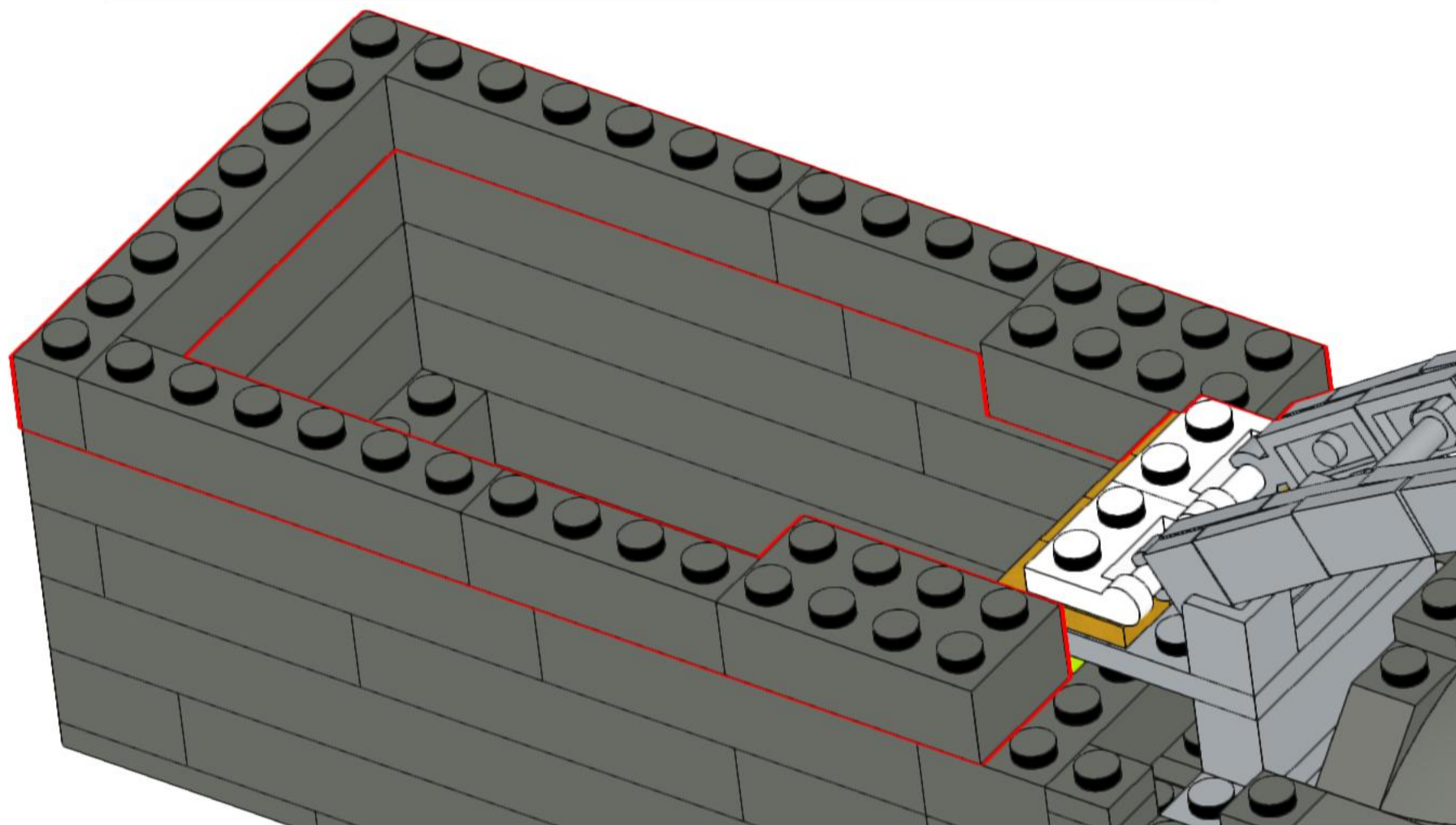
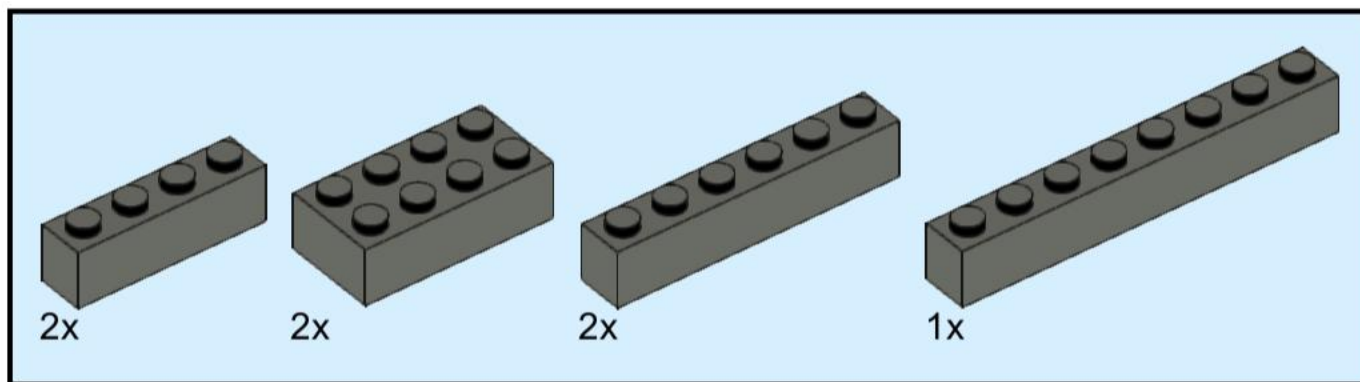
60



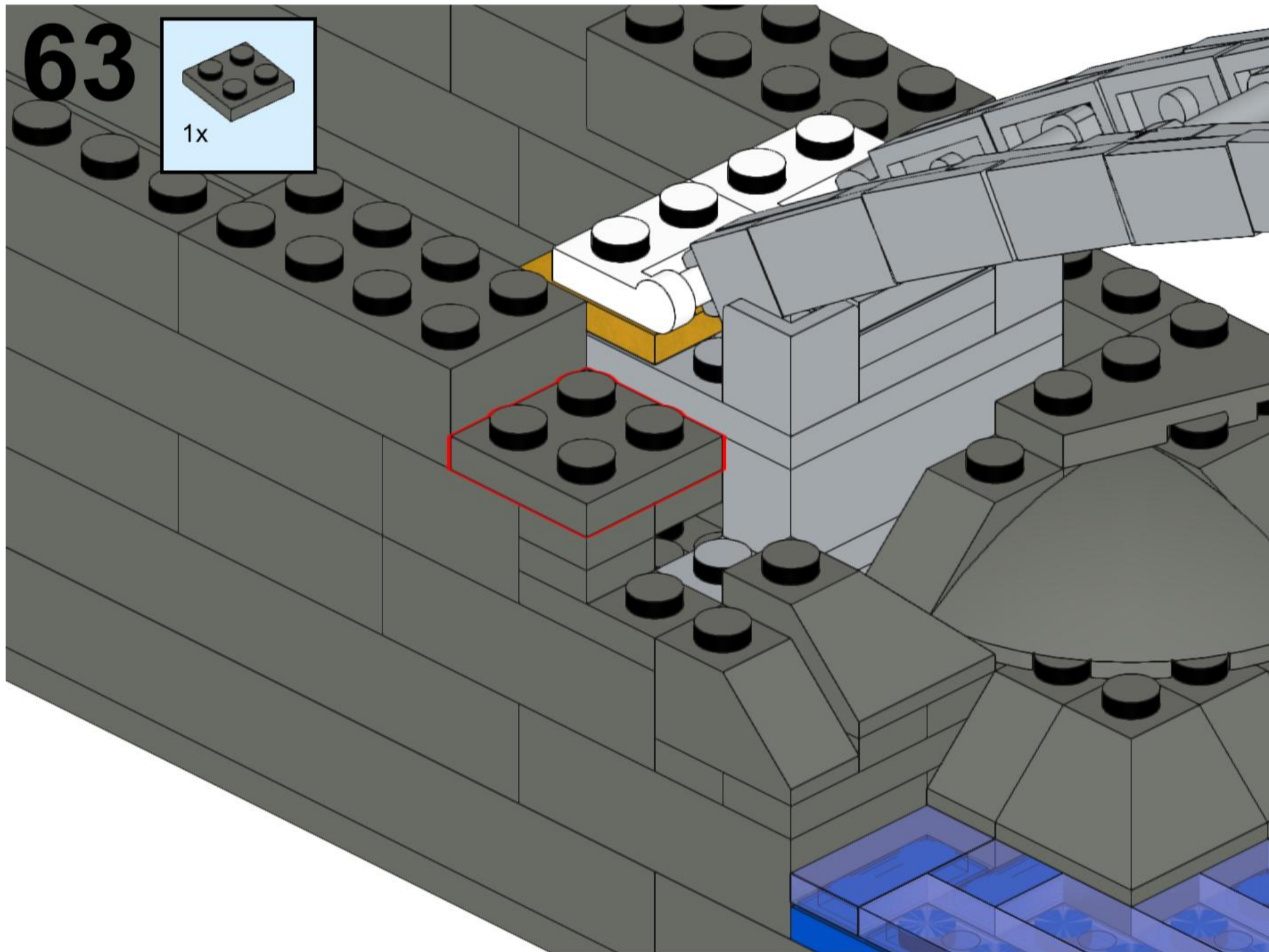
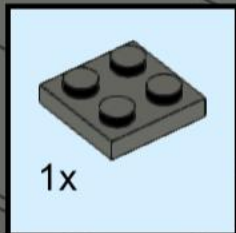
61



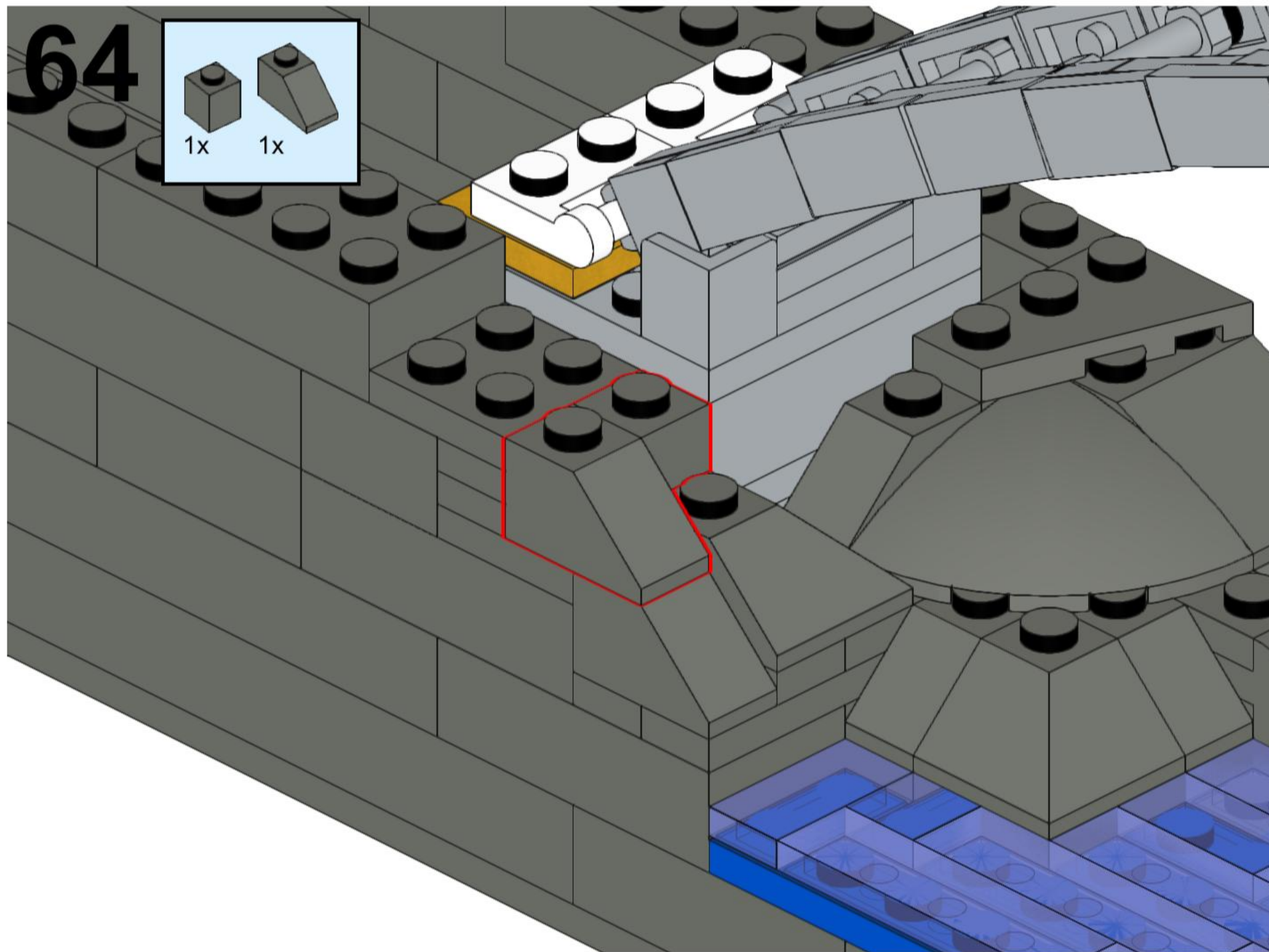
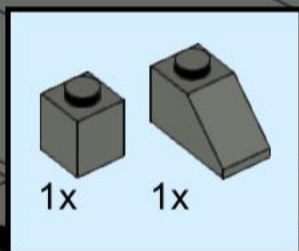
62



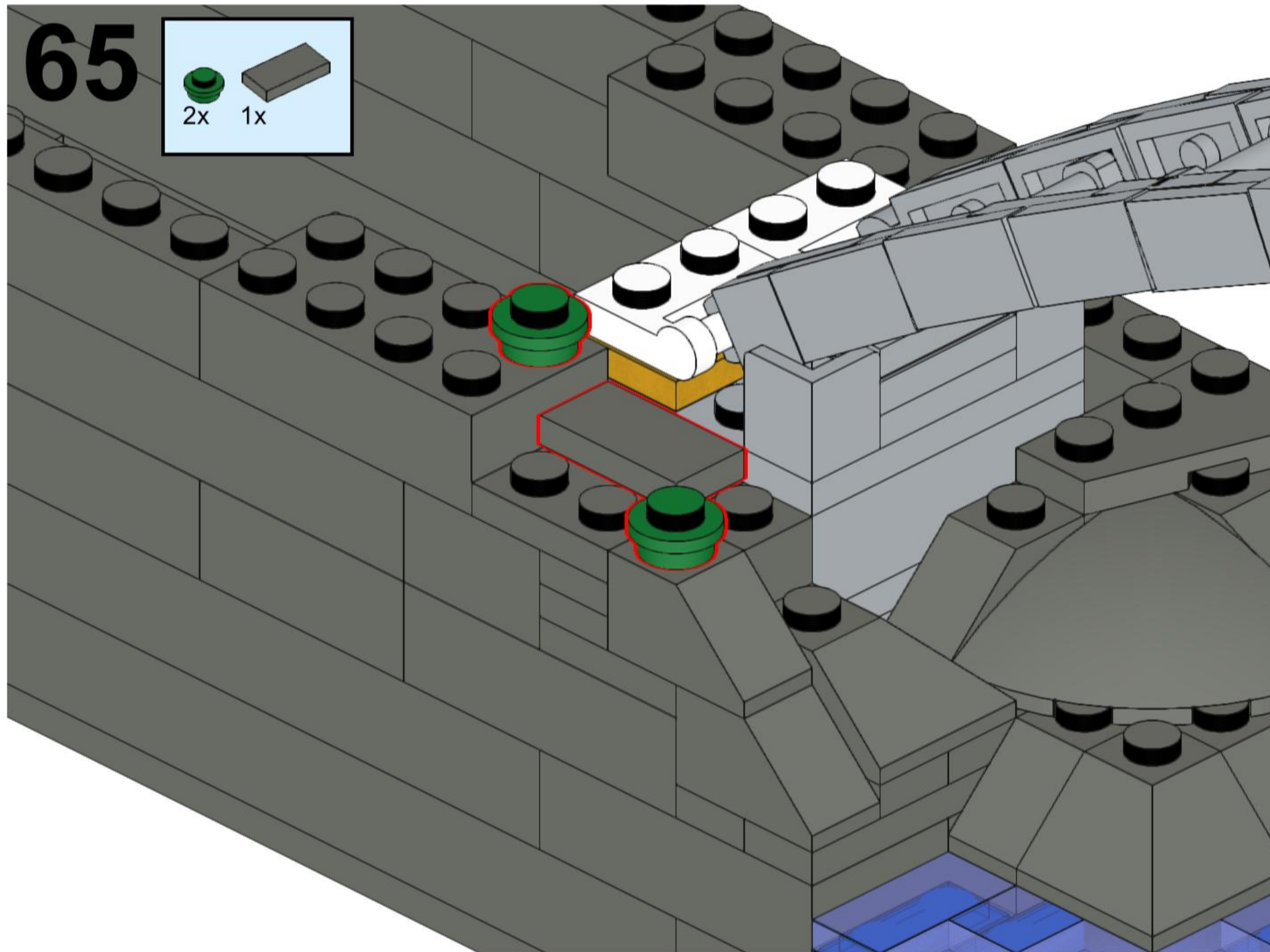
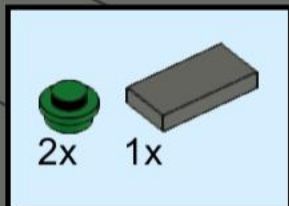
63

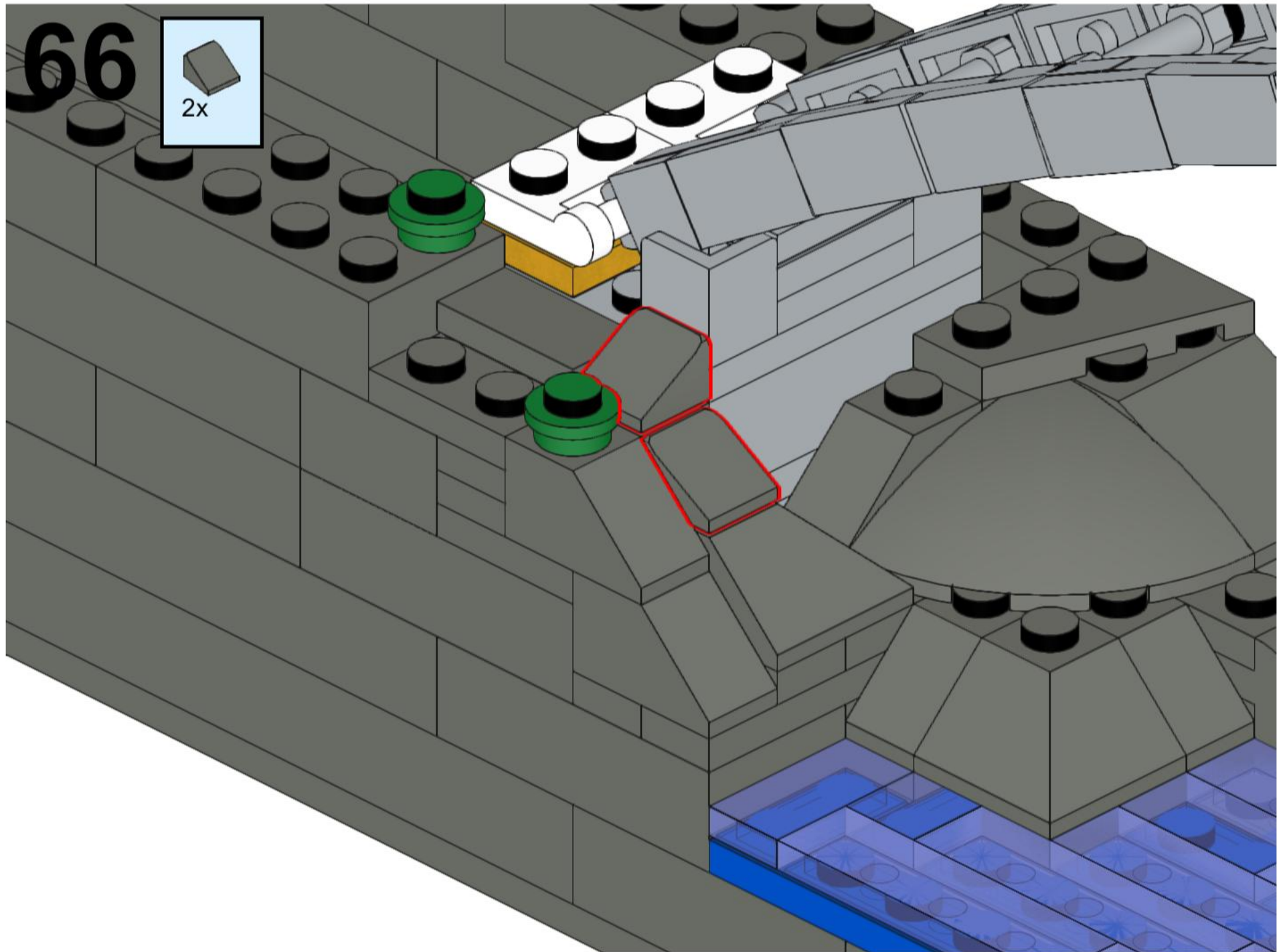


64

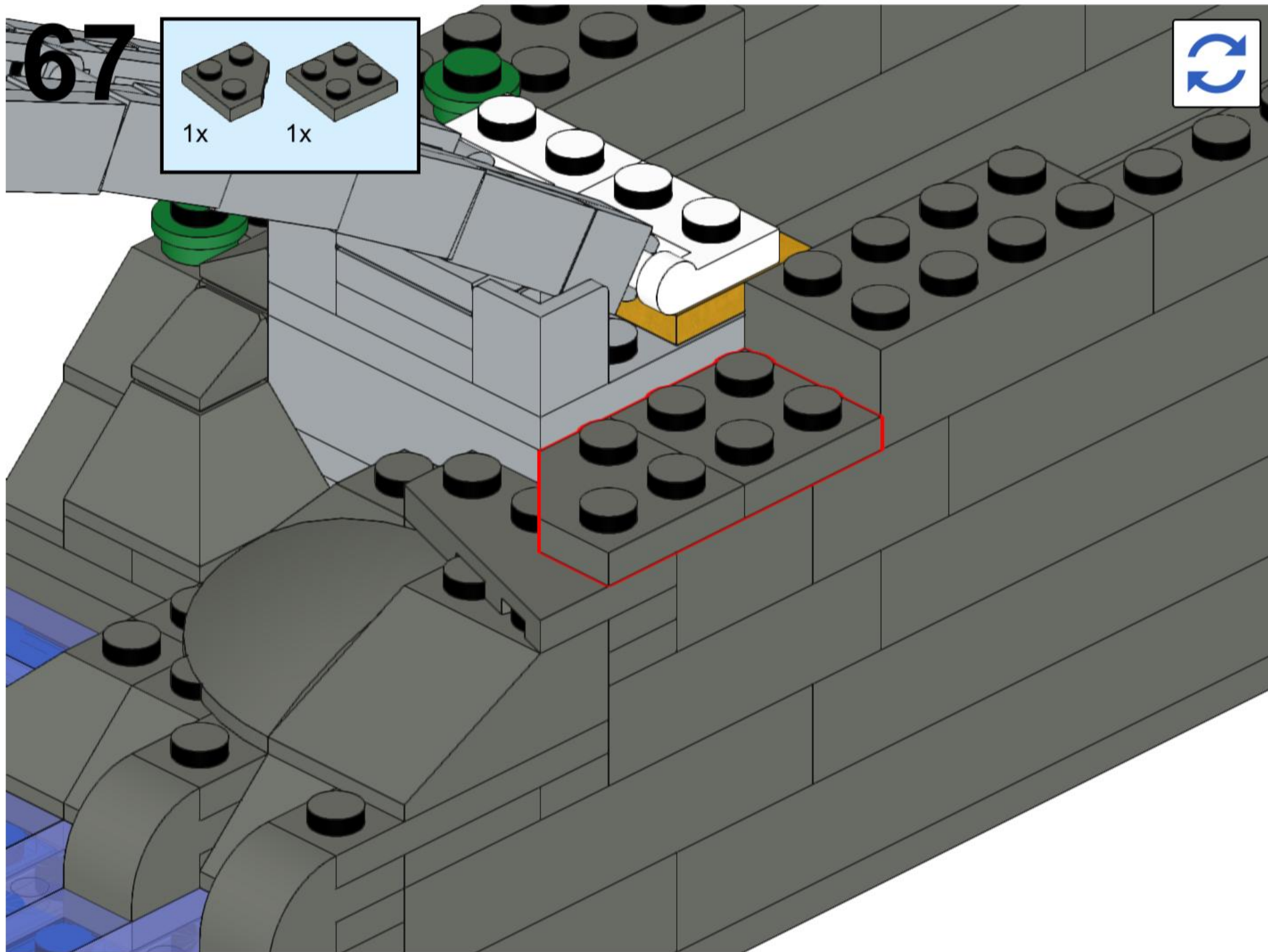
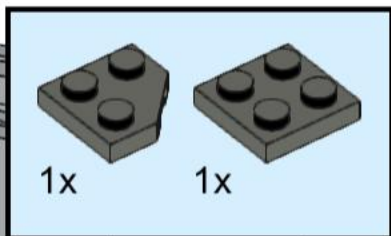


65

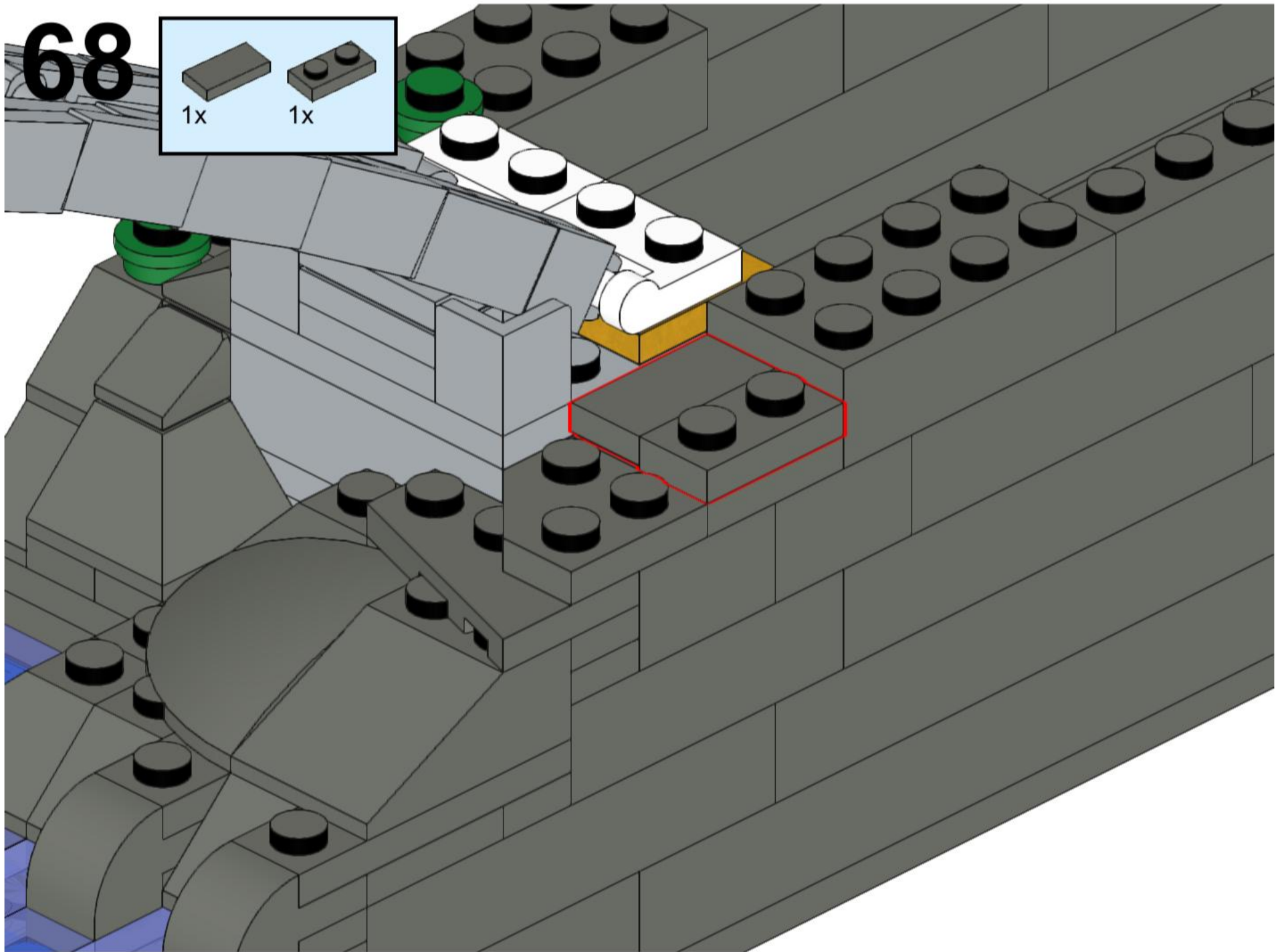
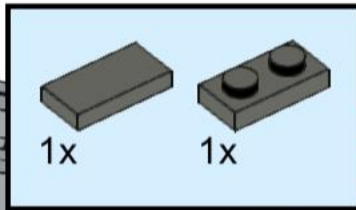




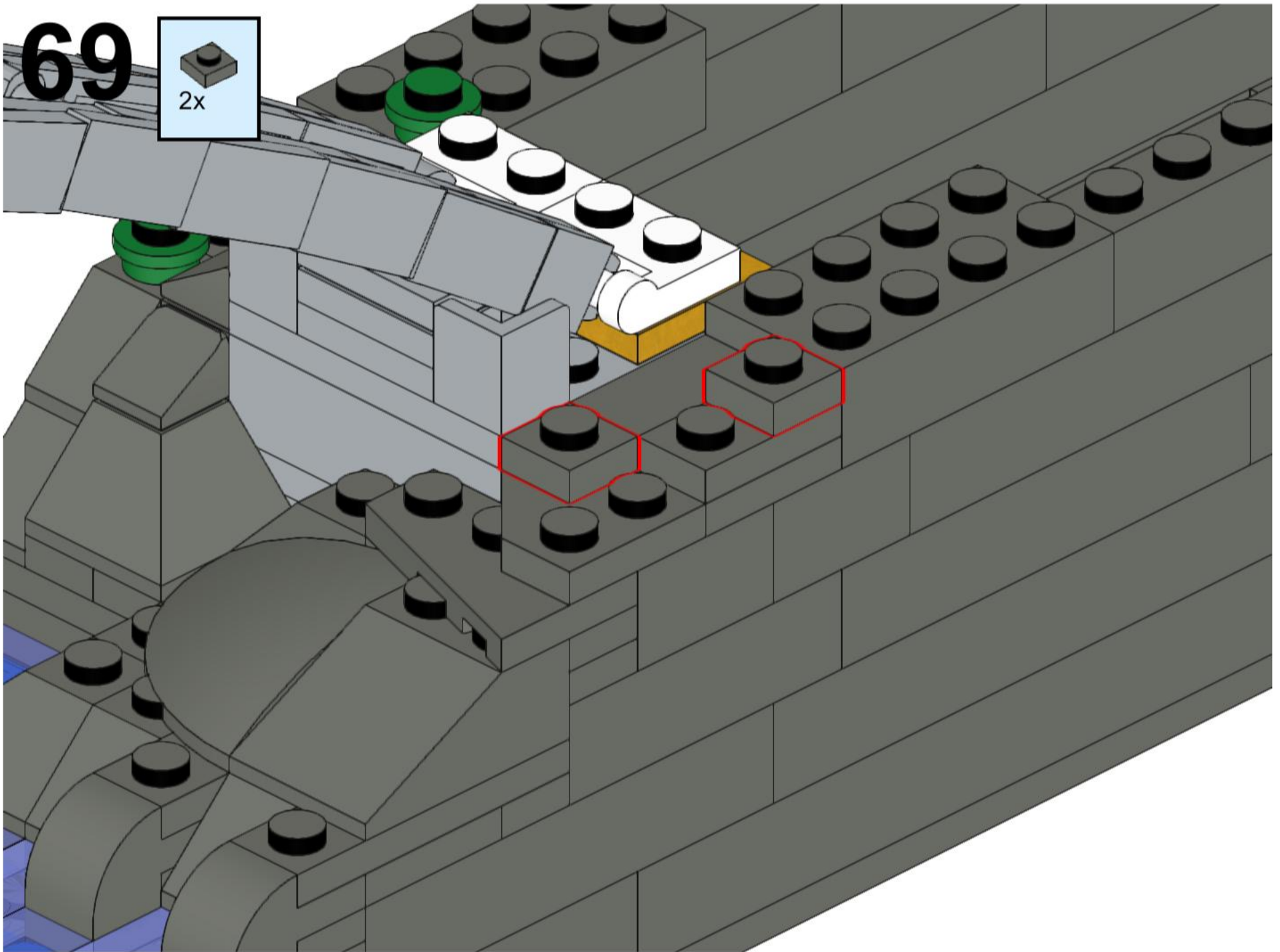
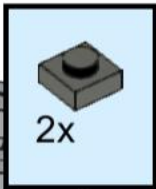
67



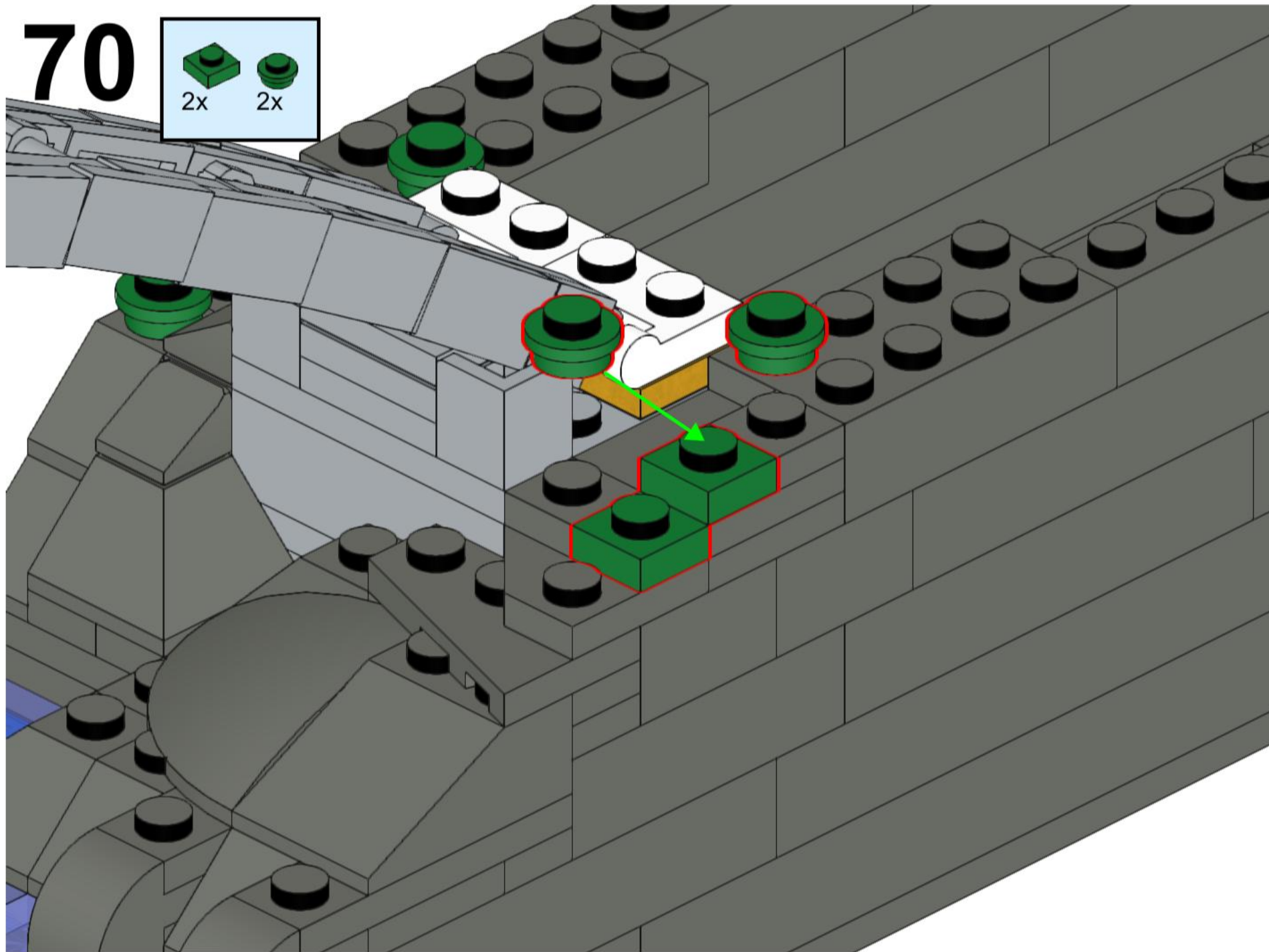
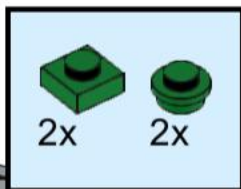
68



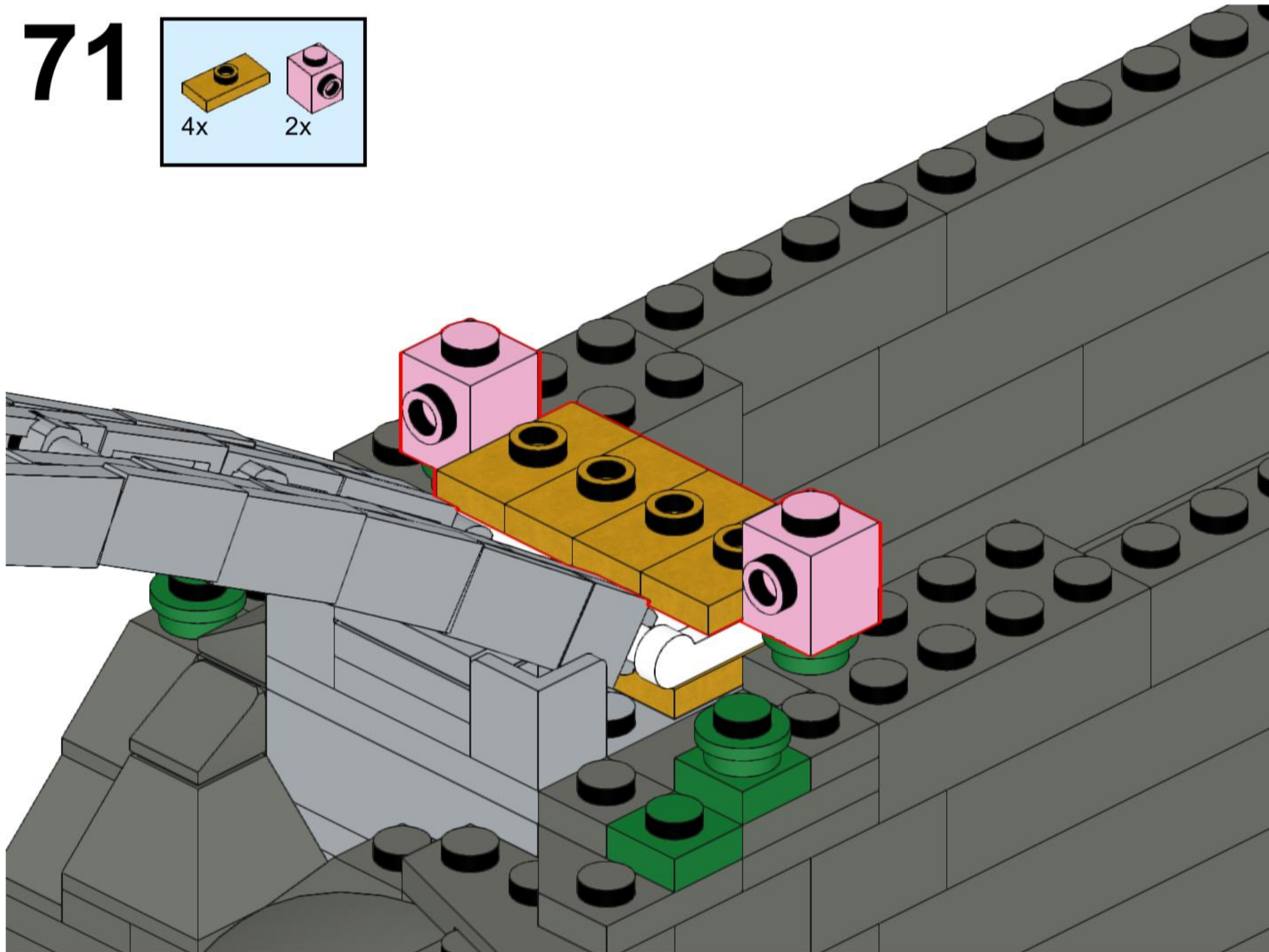
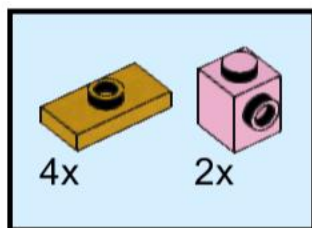
69



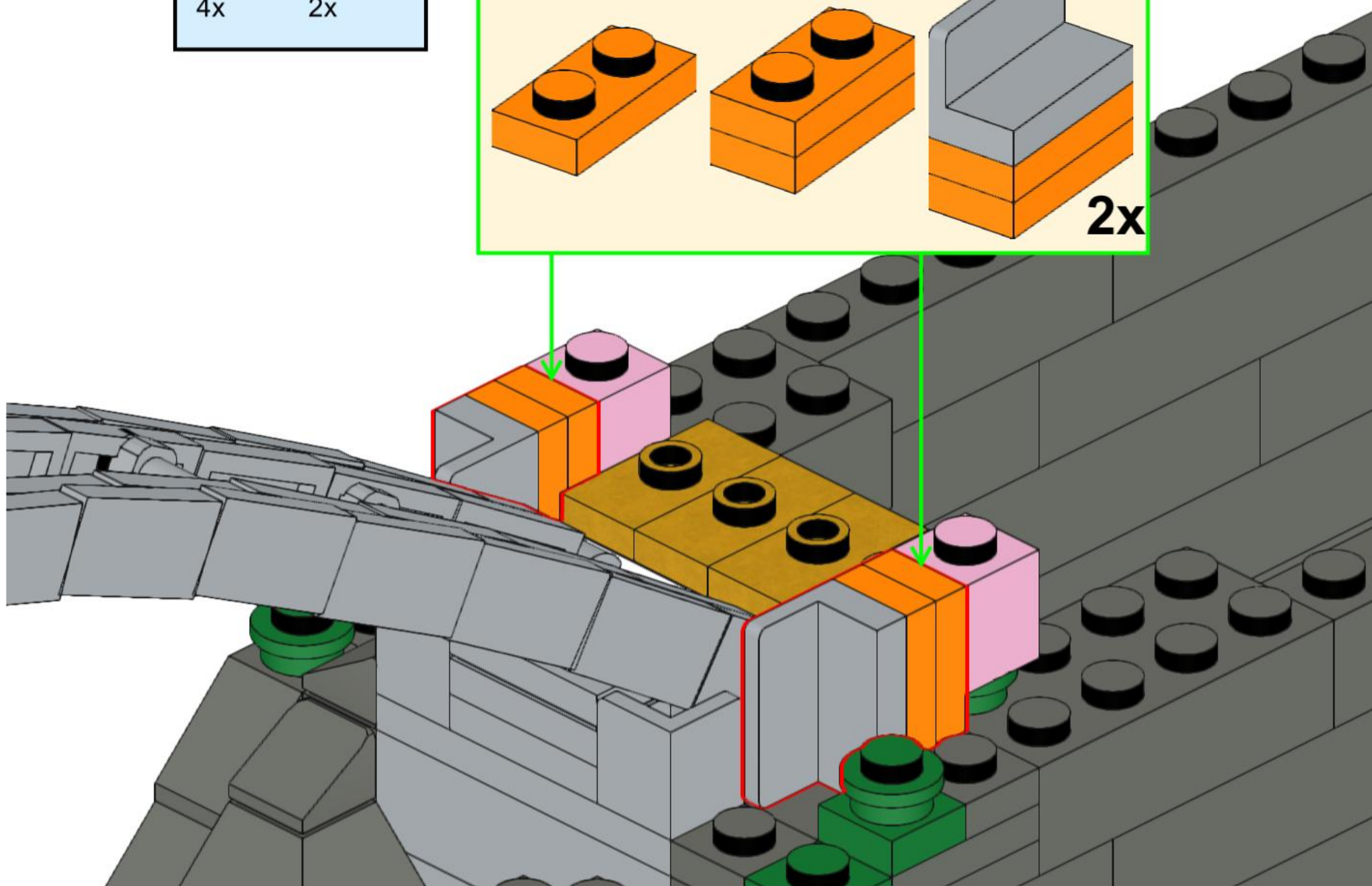
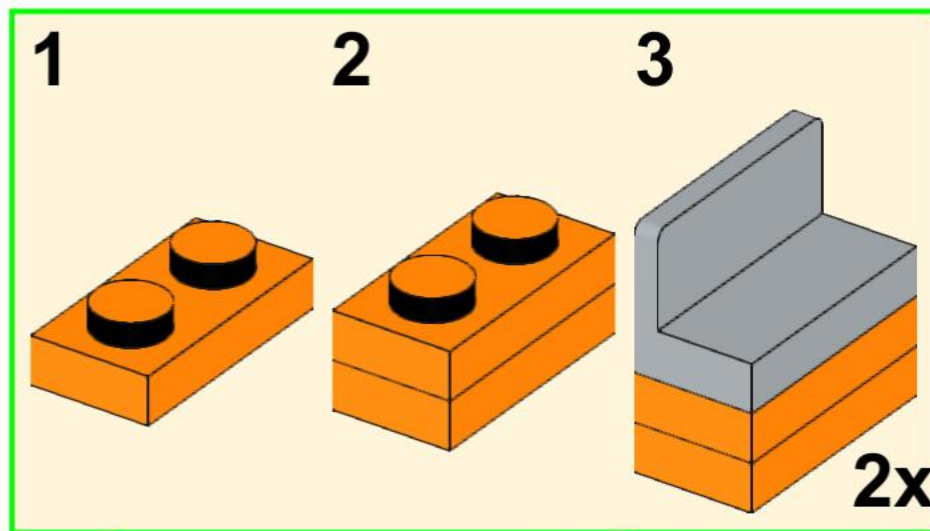
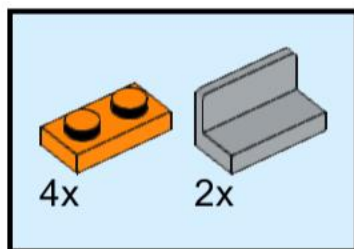
70



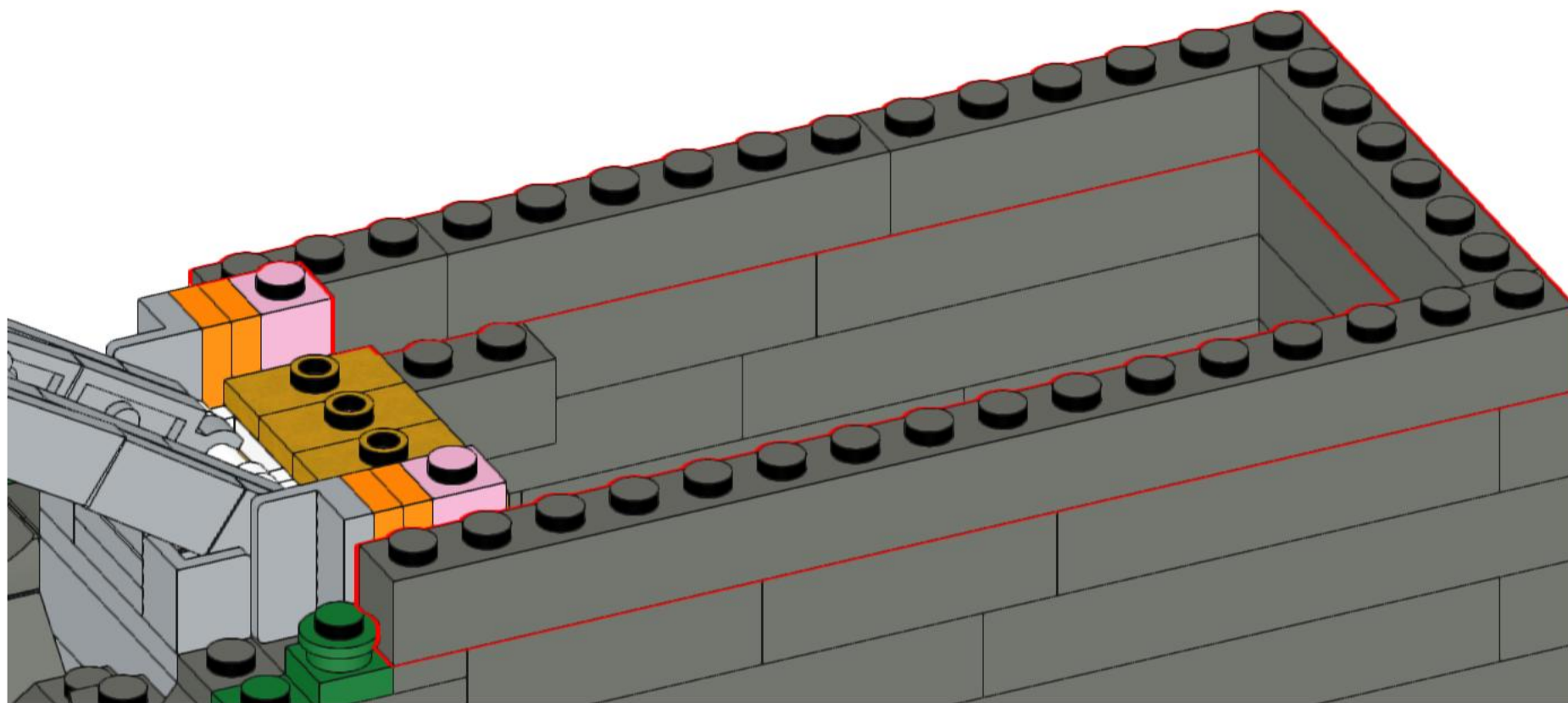
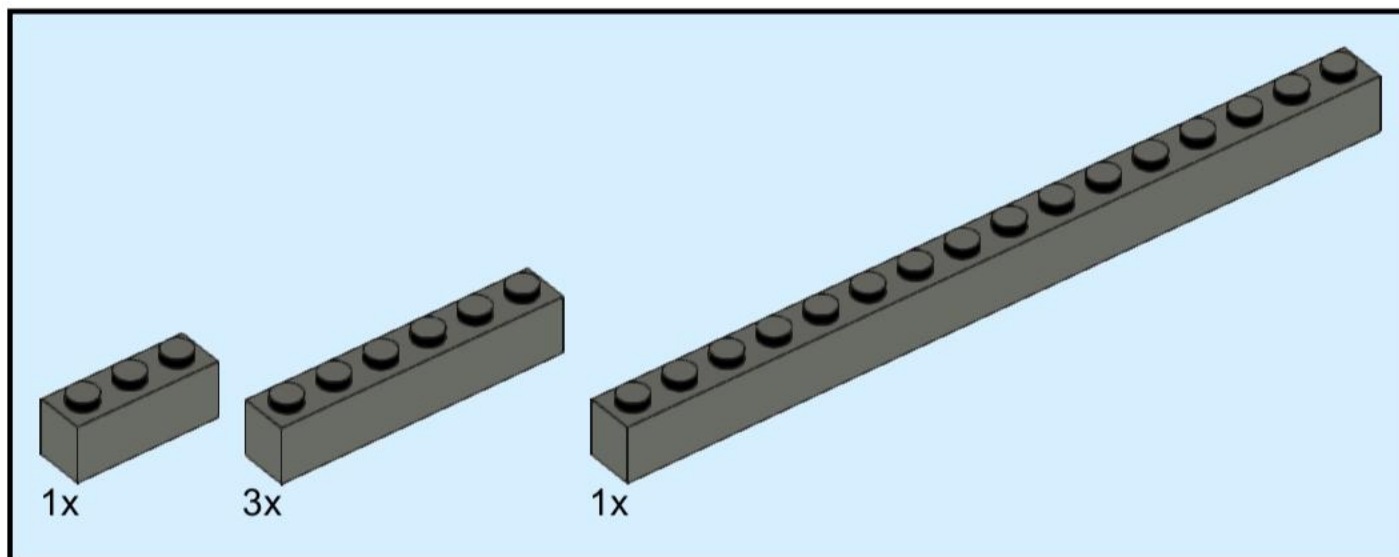
71



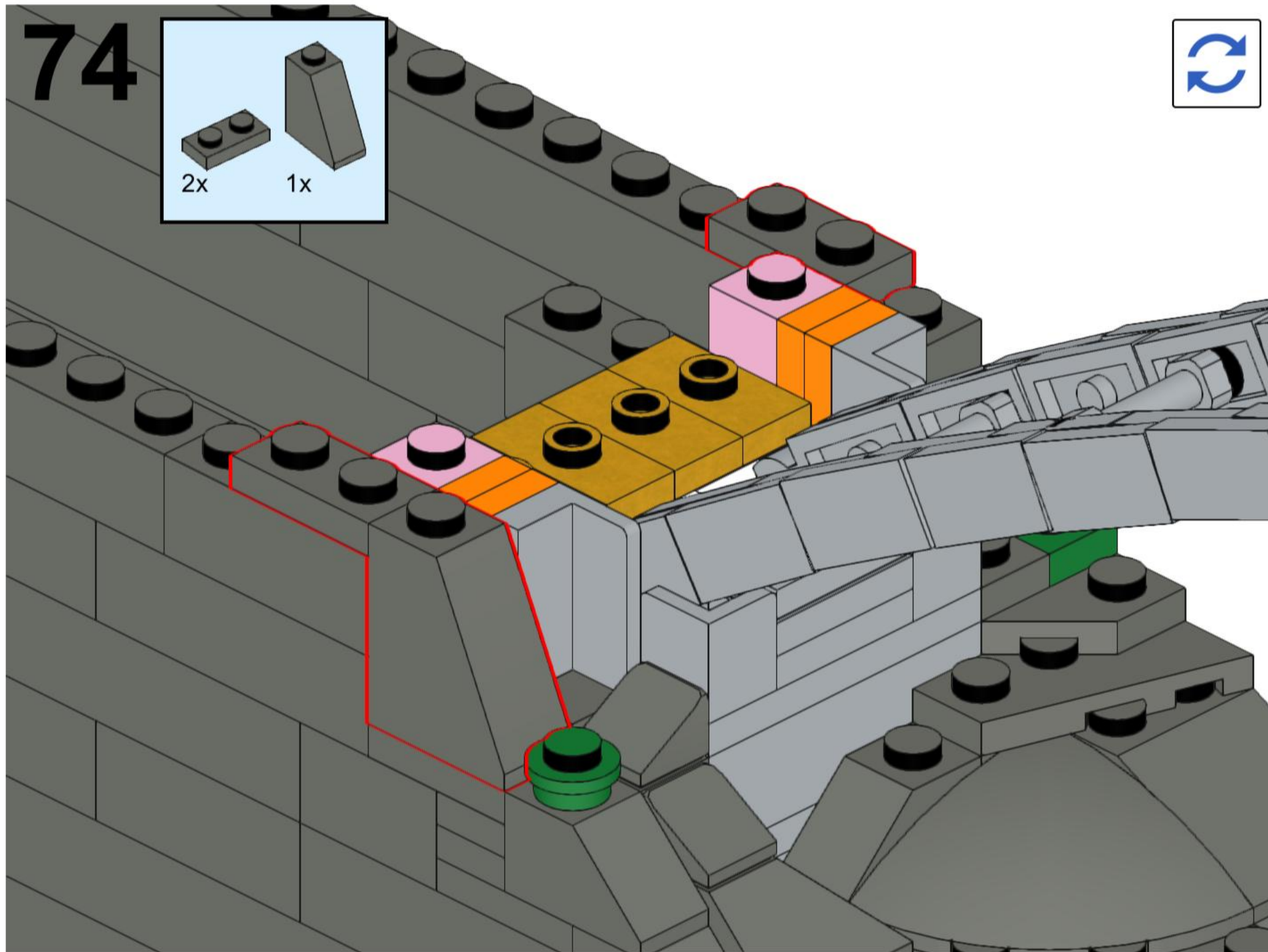
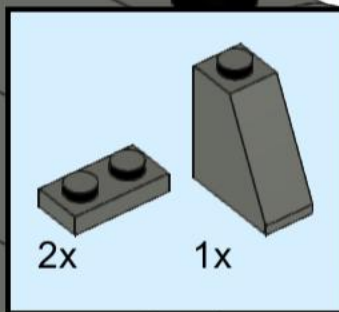
72



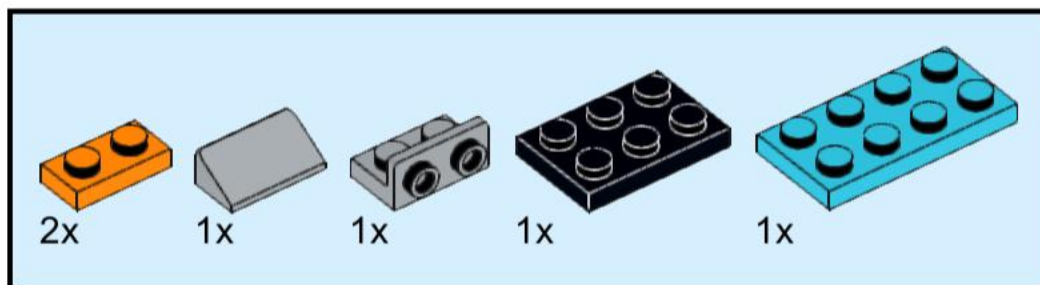
73



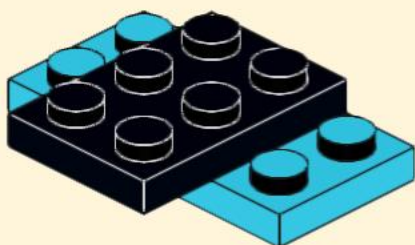
74



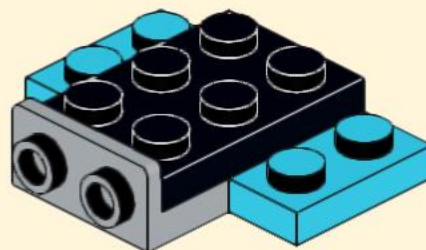
75



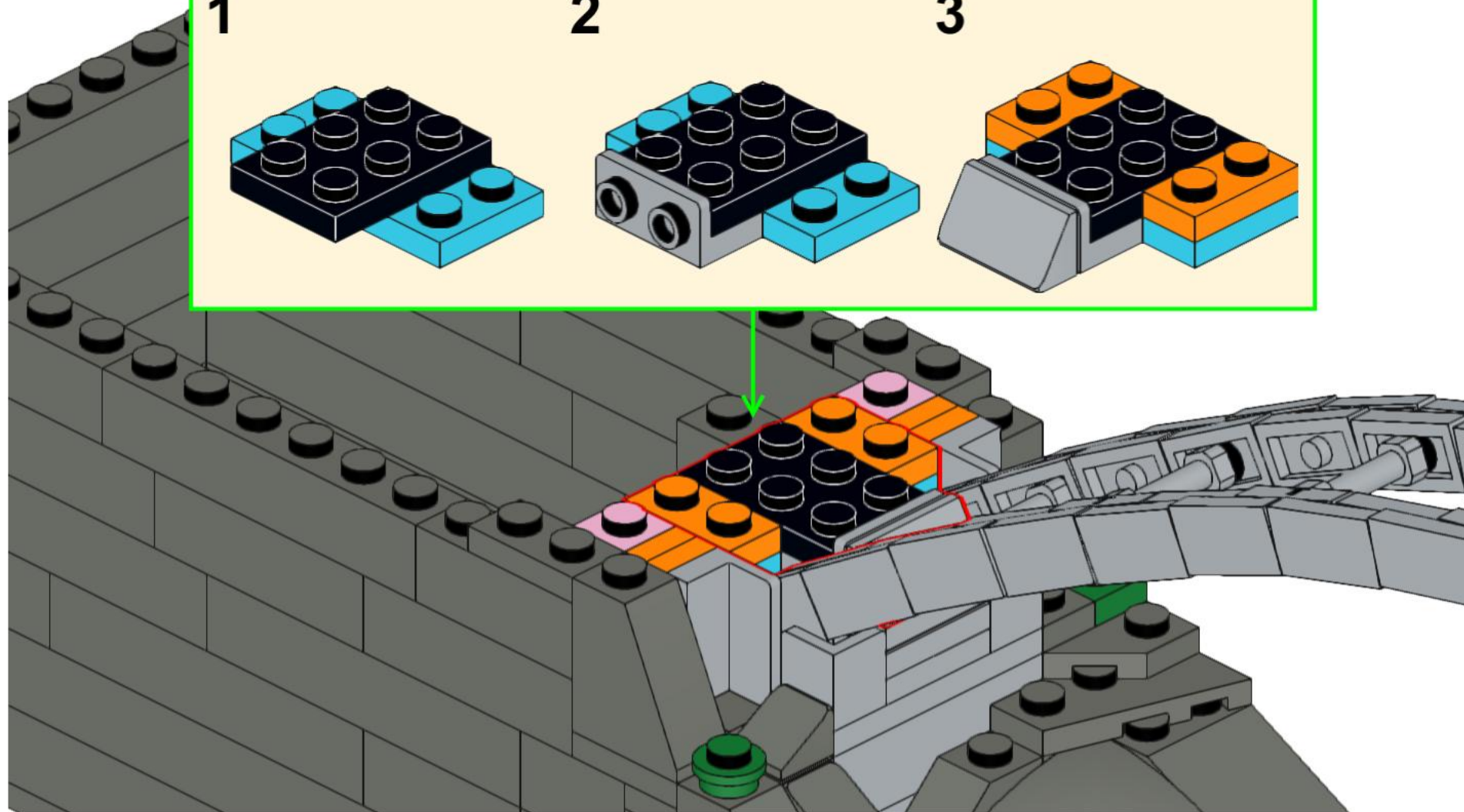
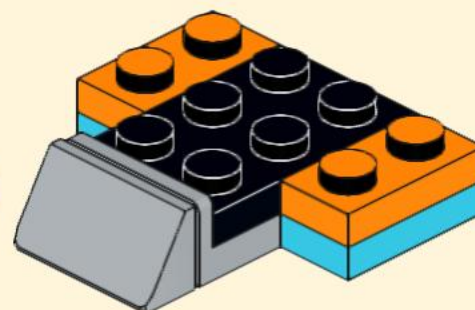
1



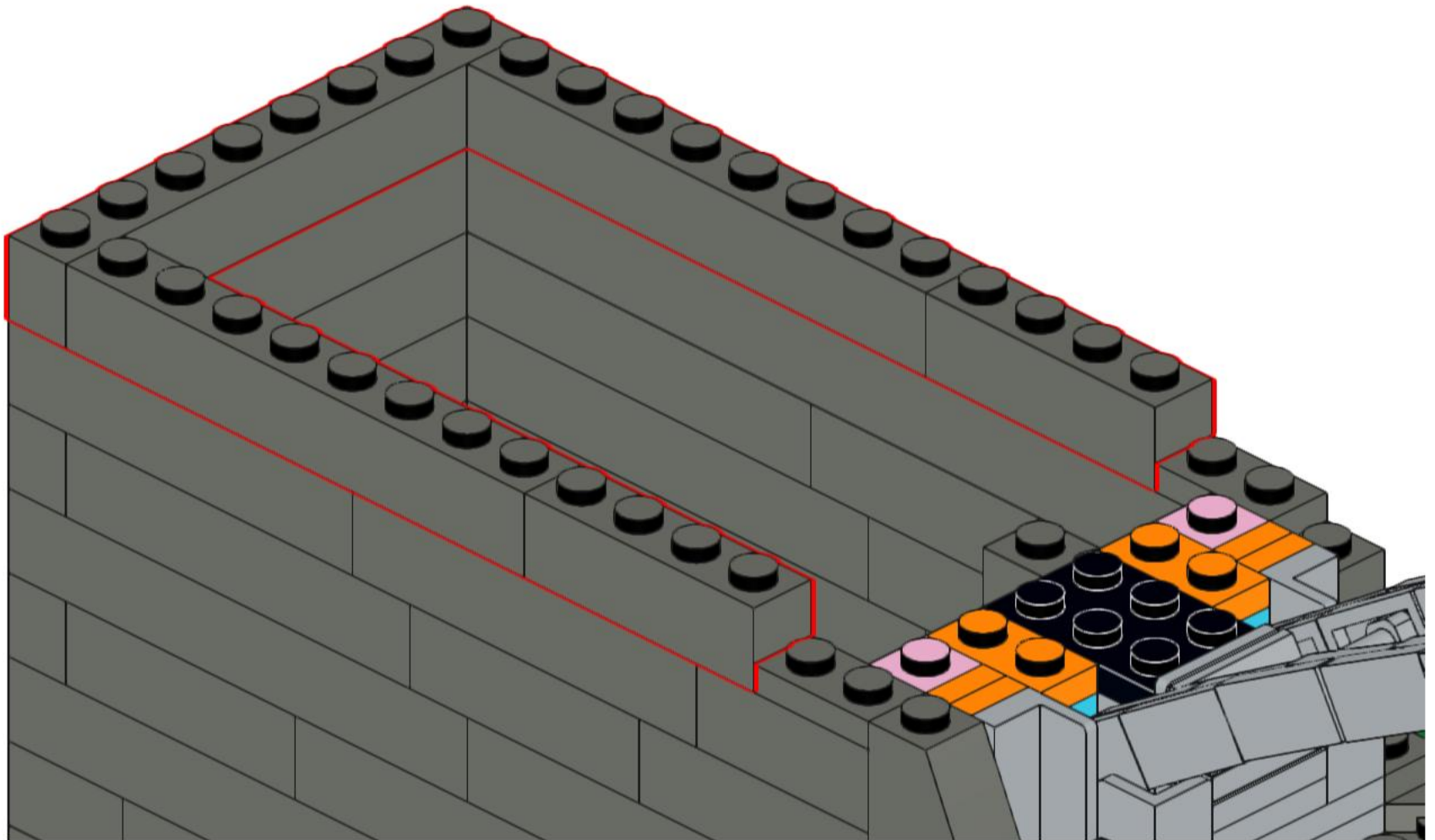
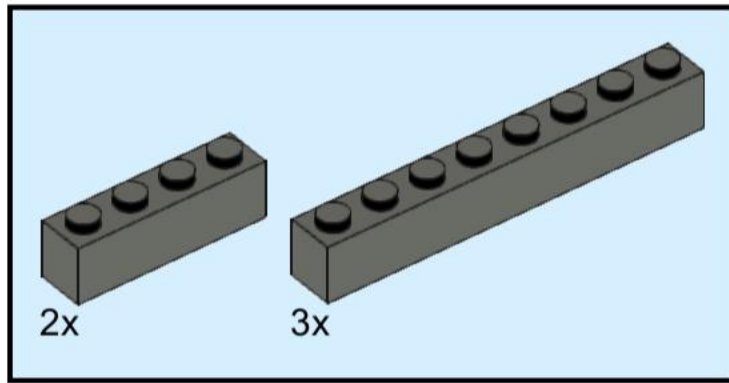
2



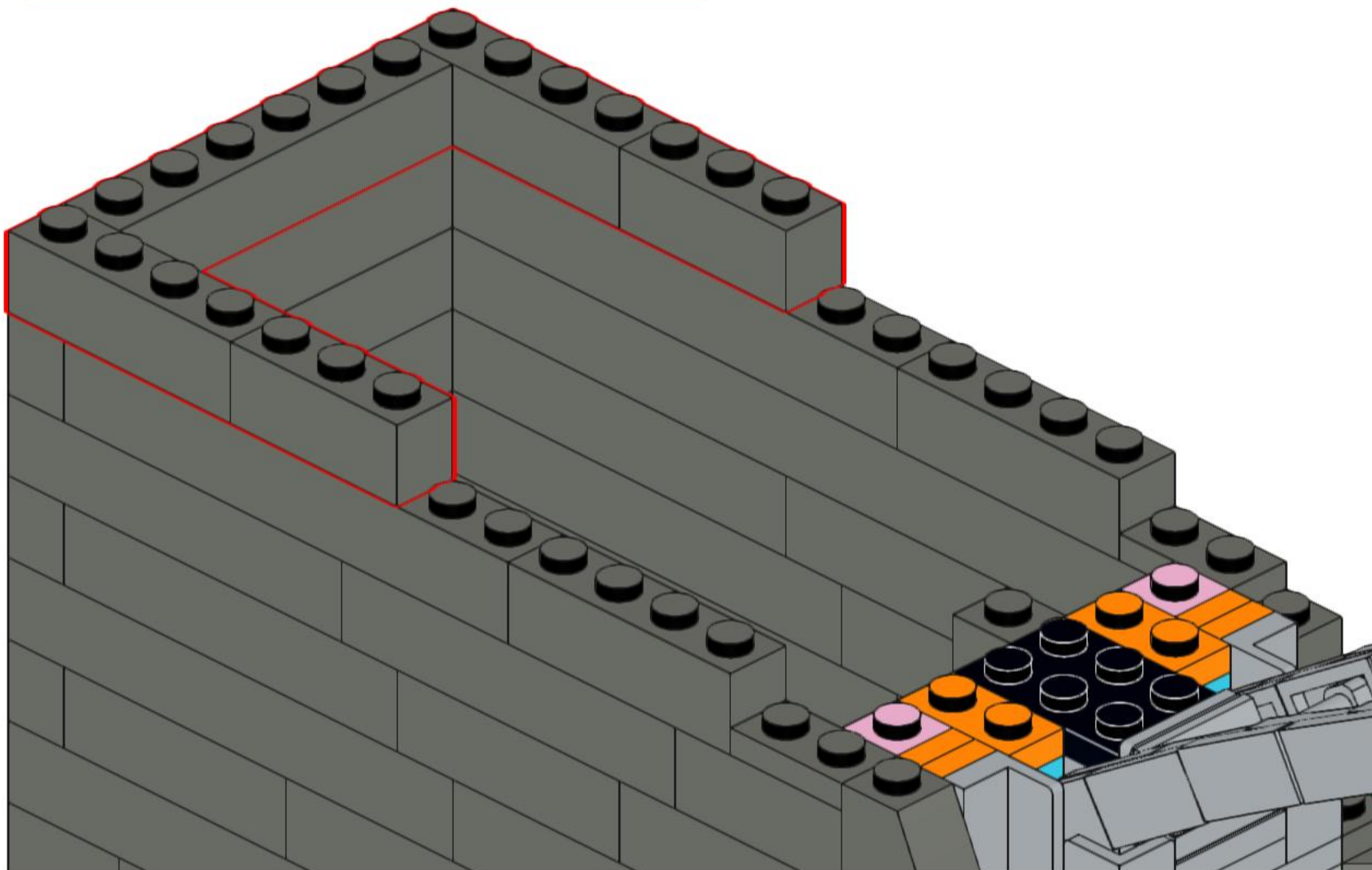
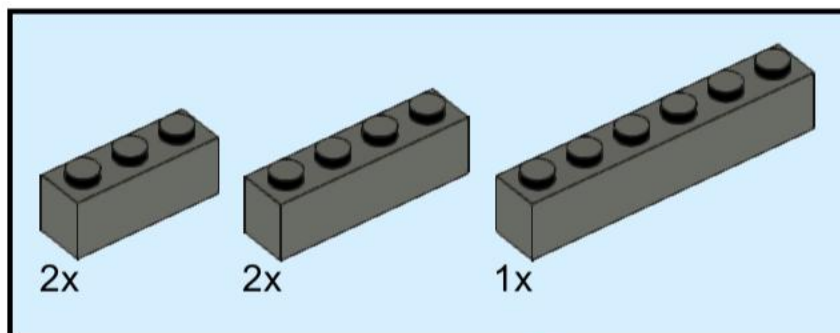
3



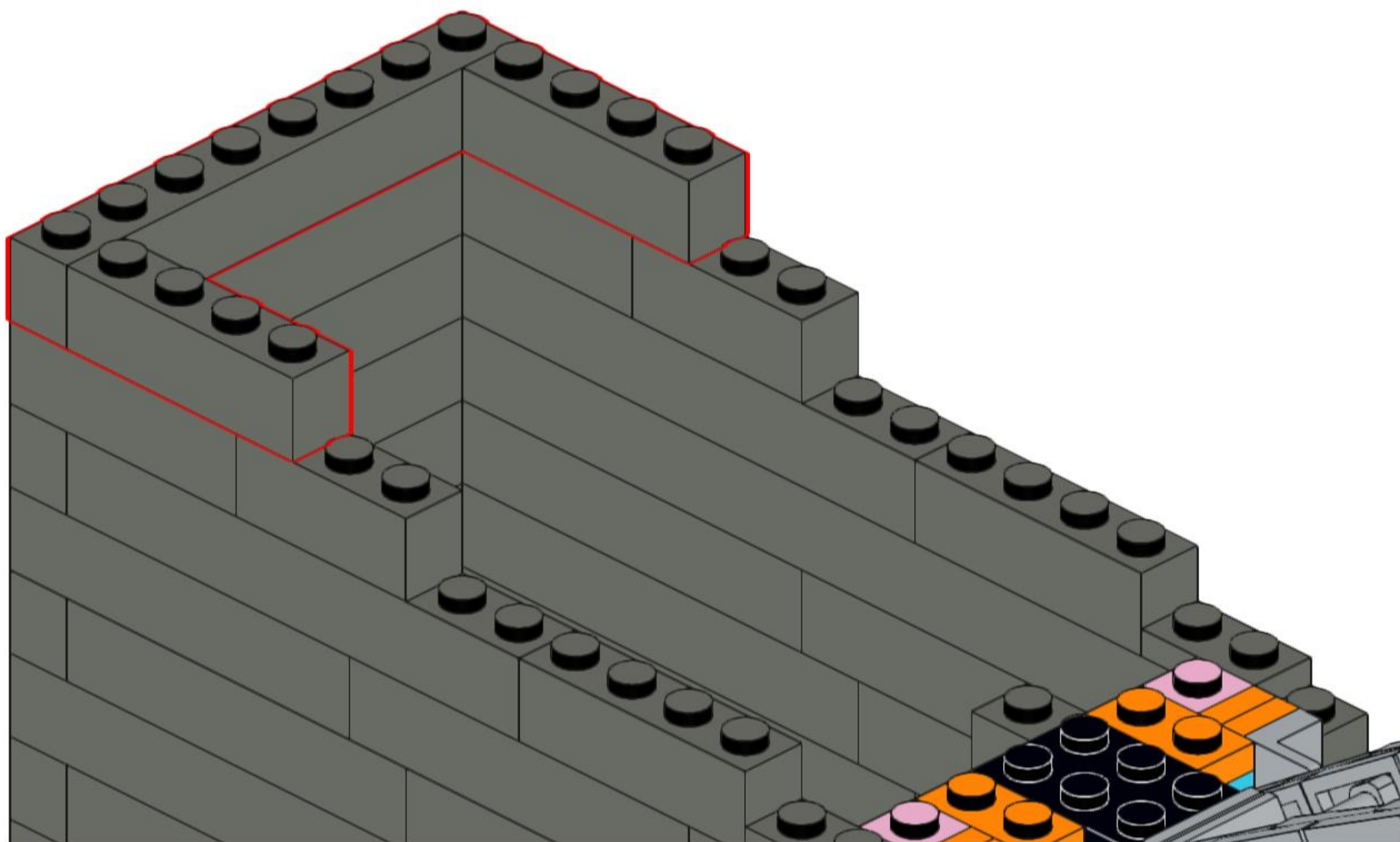
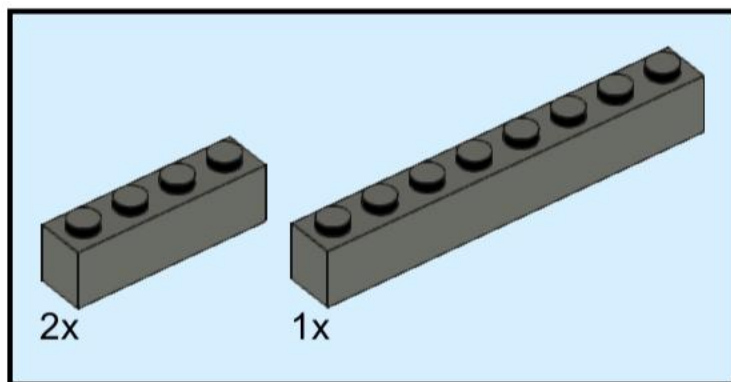
76



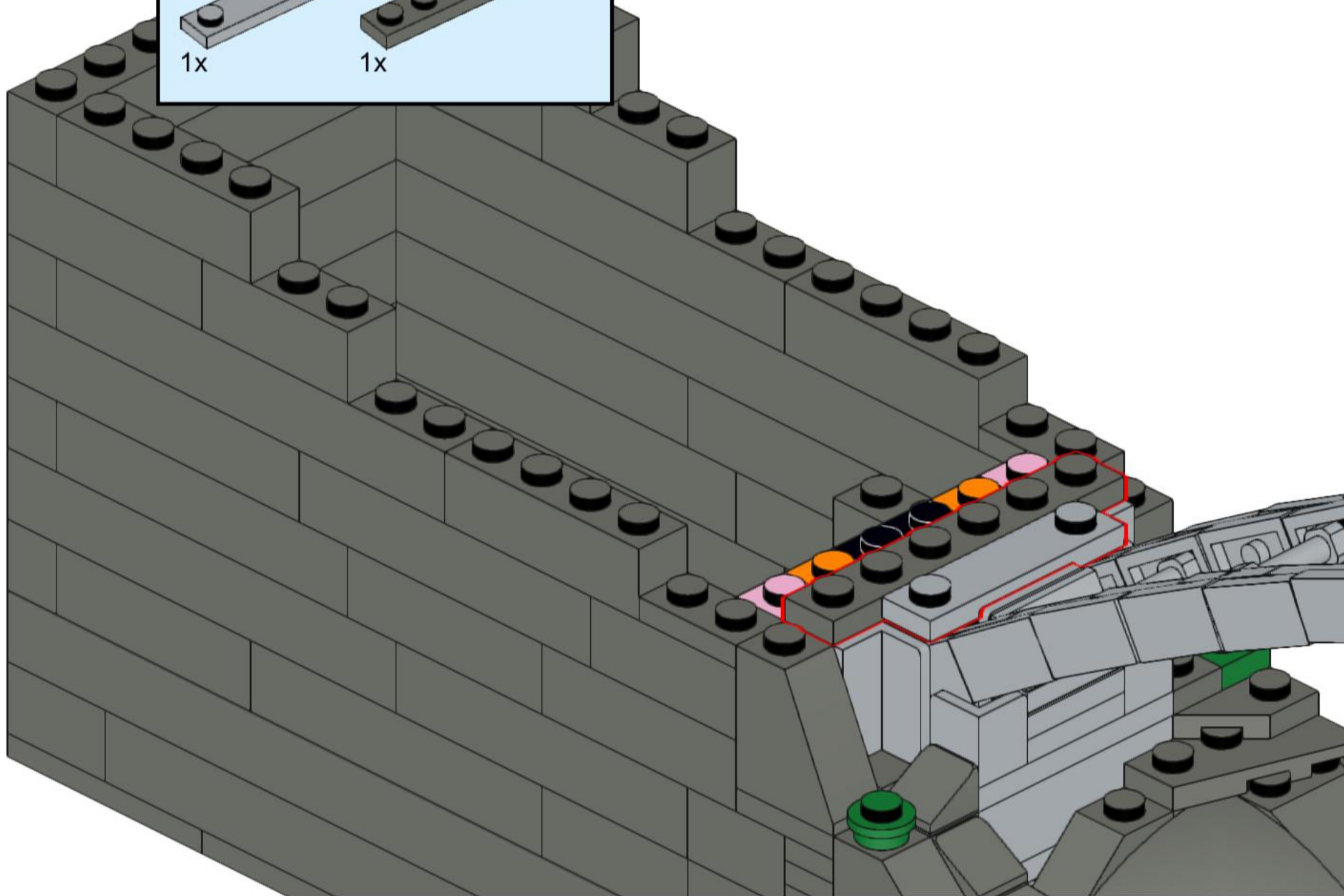
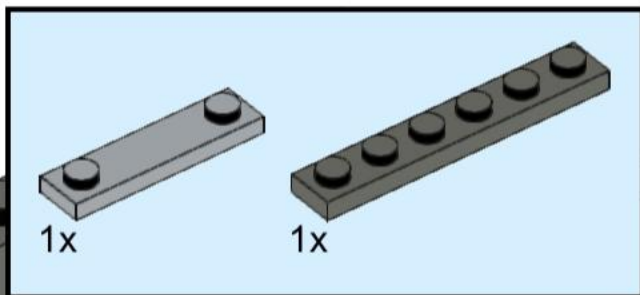
77



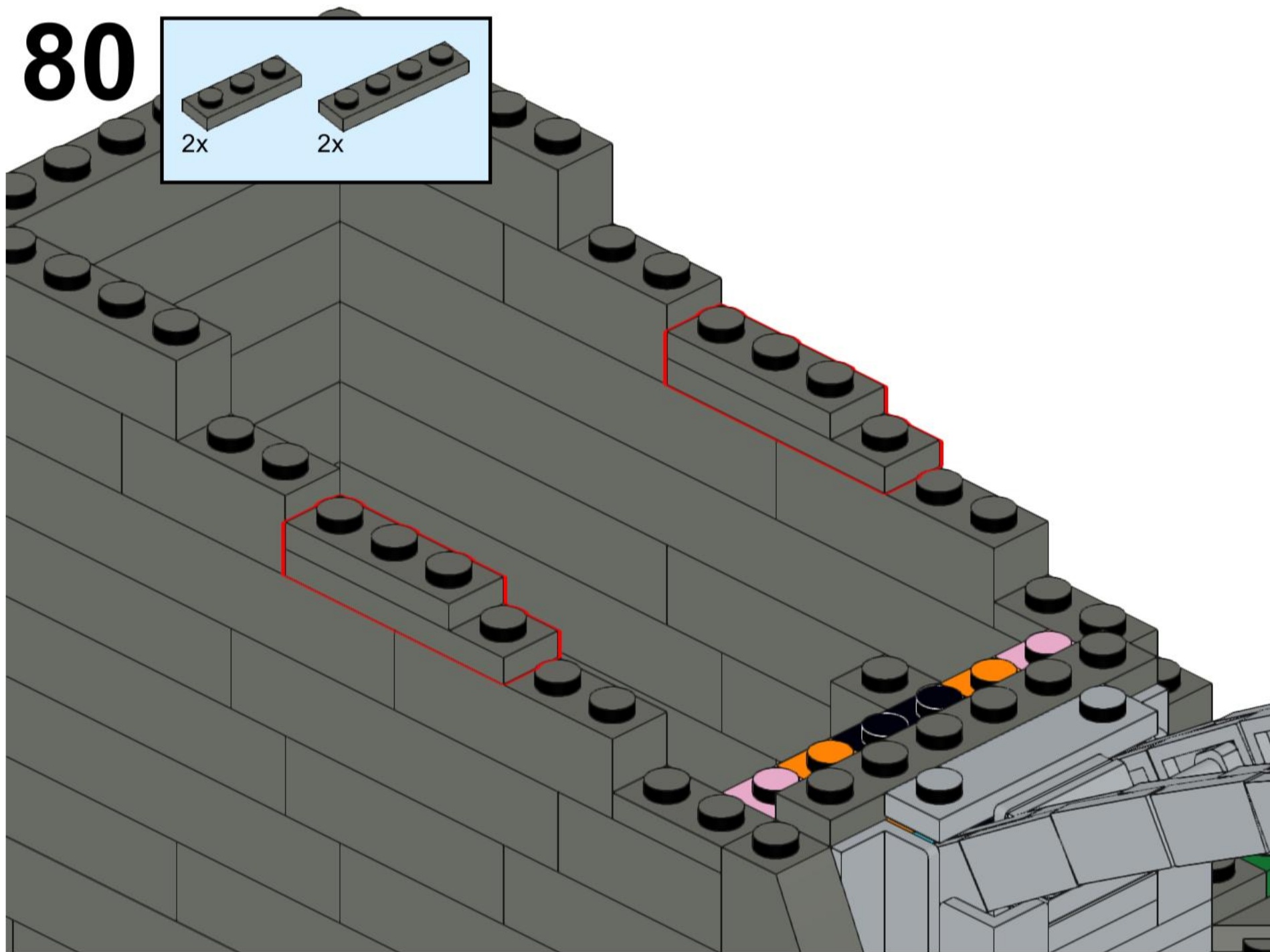
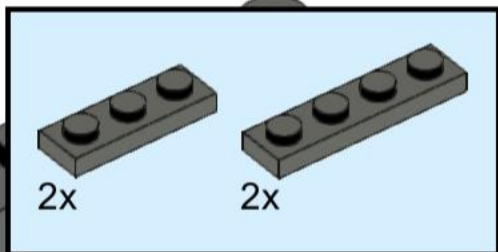
78



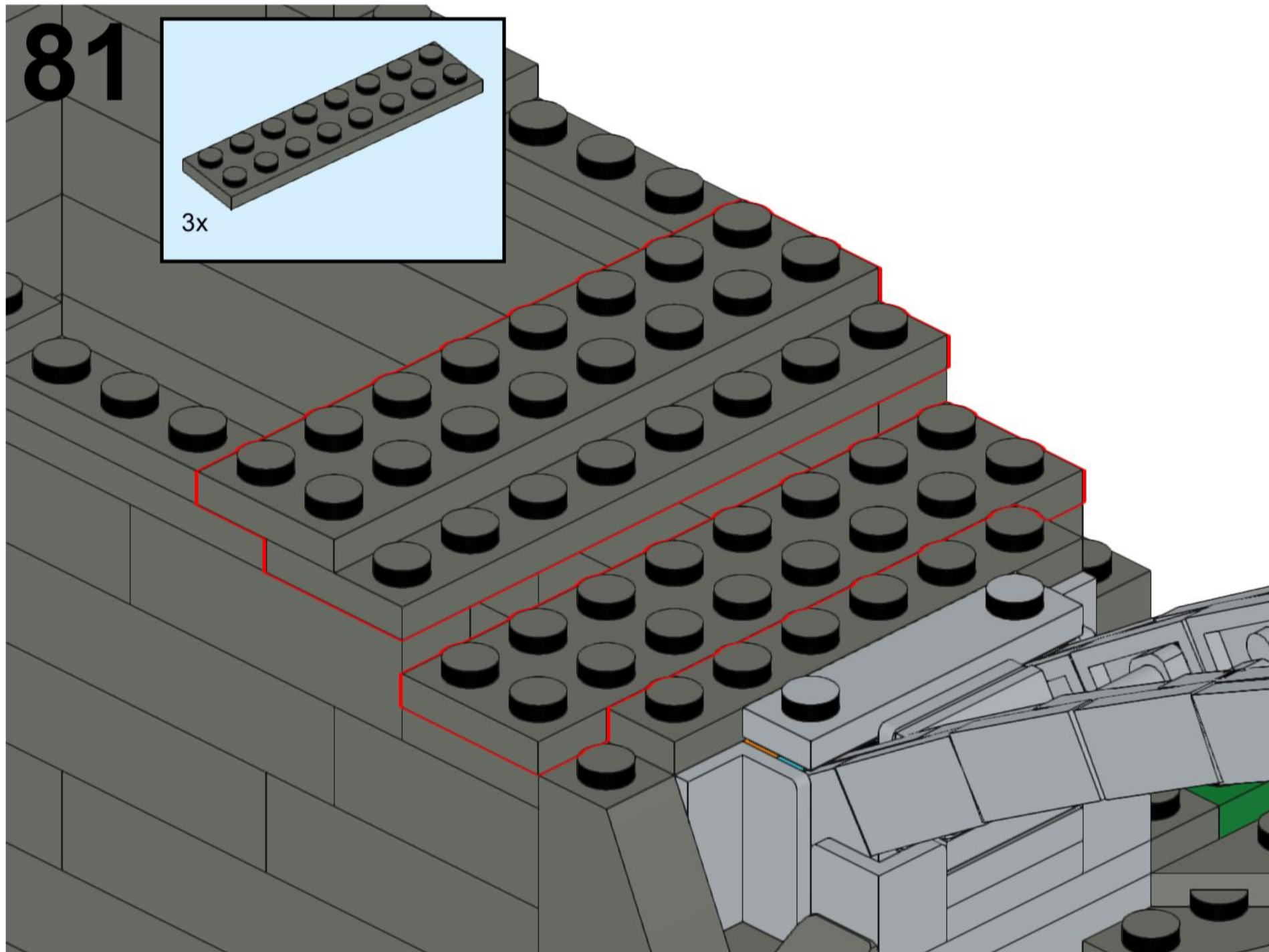
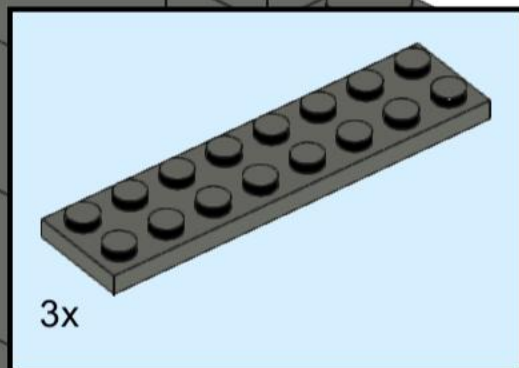
79



80



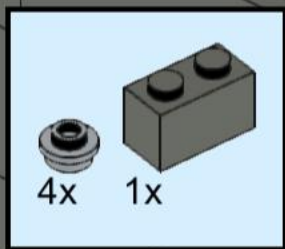
81



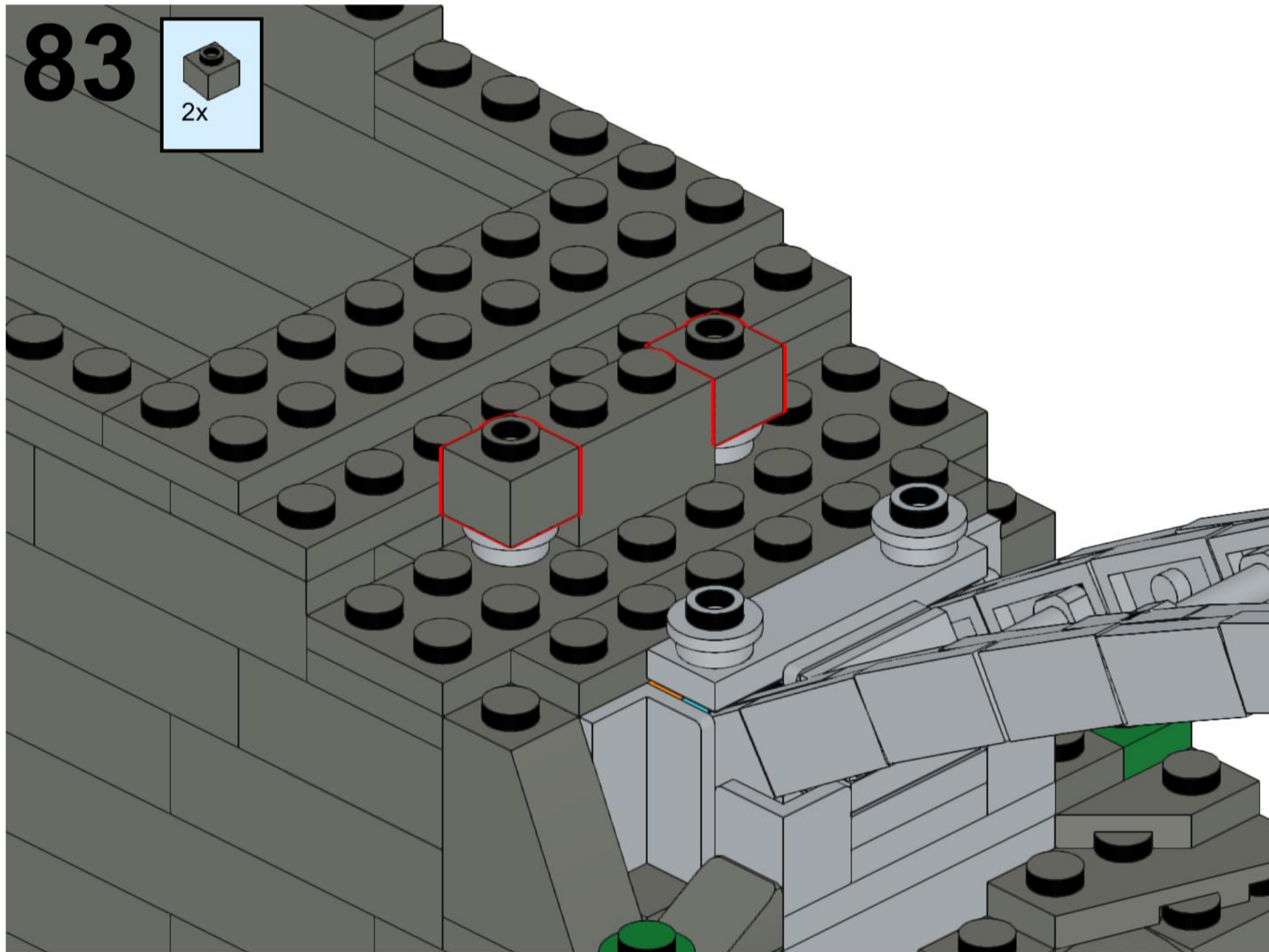
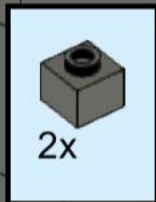
82

4x 1x

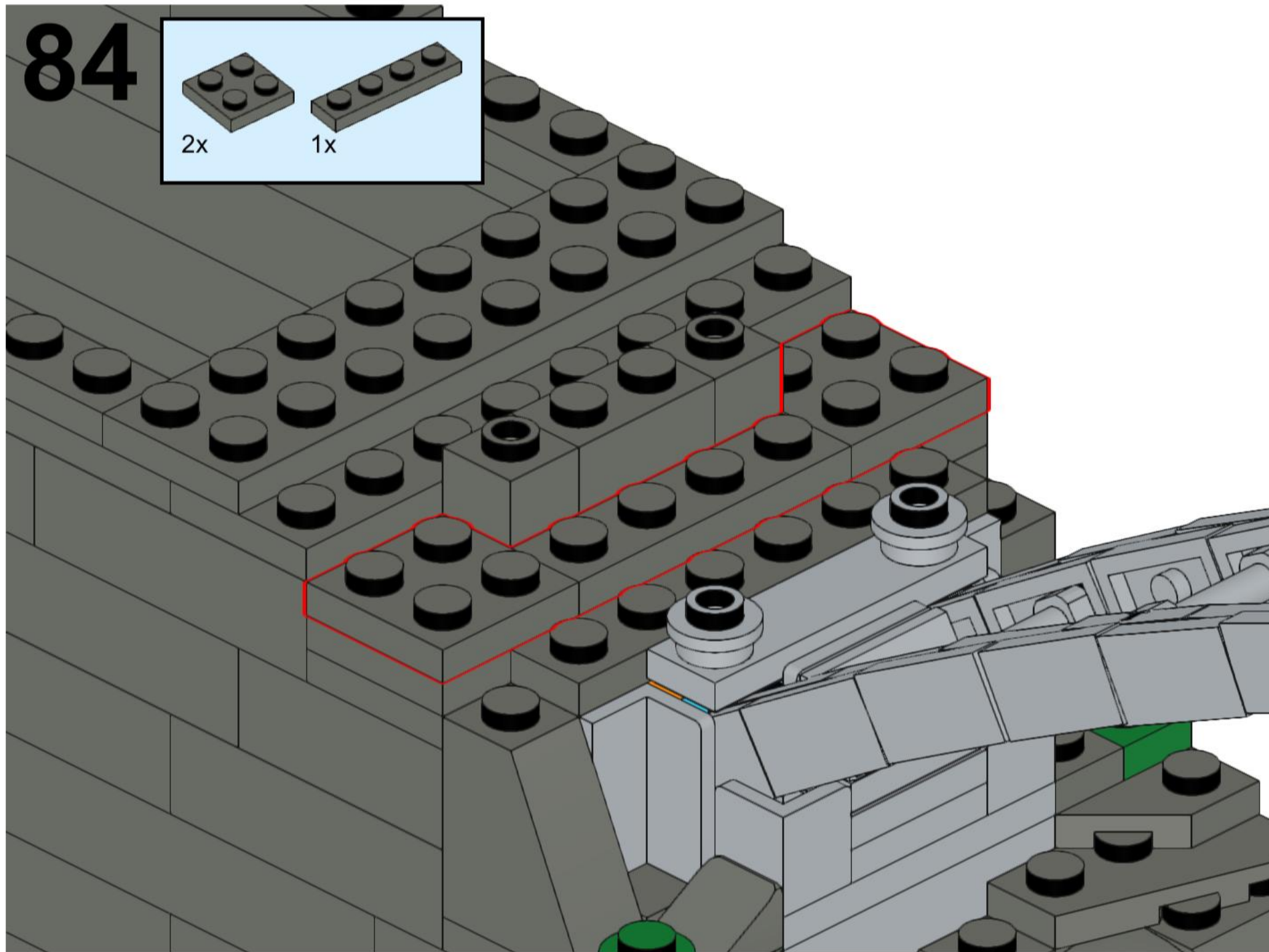
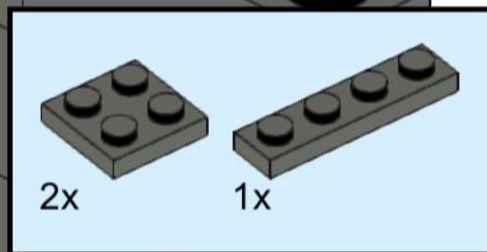
This image shows step 82 of a LEGO assembly. A 1x3 grey brick is being placed on a grey base. Four pins are highlighted with red circles and connected by a red line, indicating they are the same part. The pins are already attached to the base. The assembly is part of a larger grey structure with a green piece visible at the bottom right.



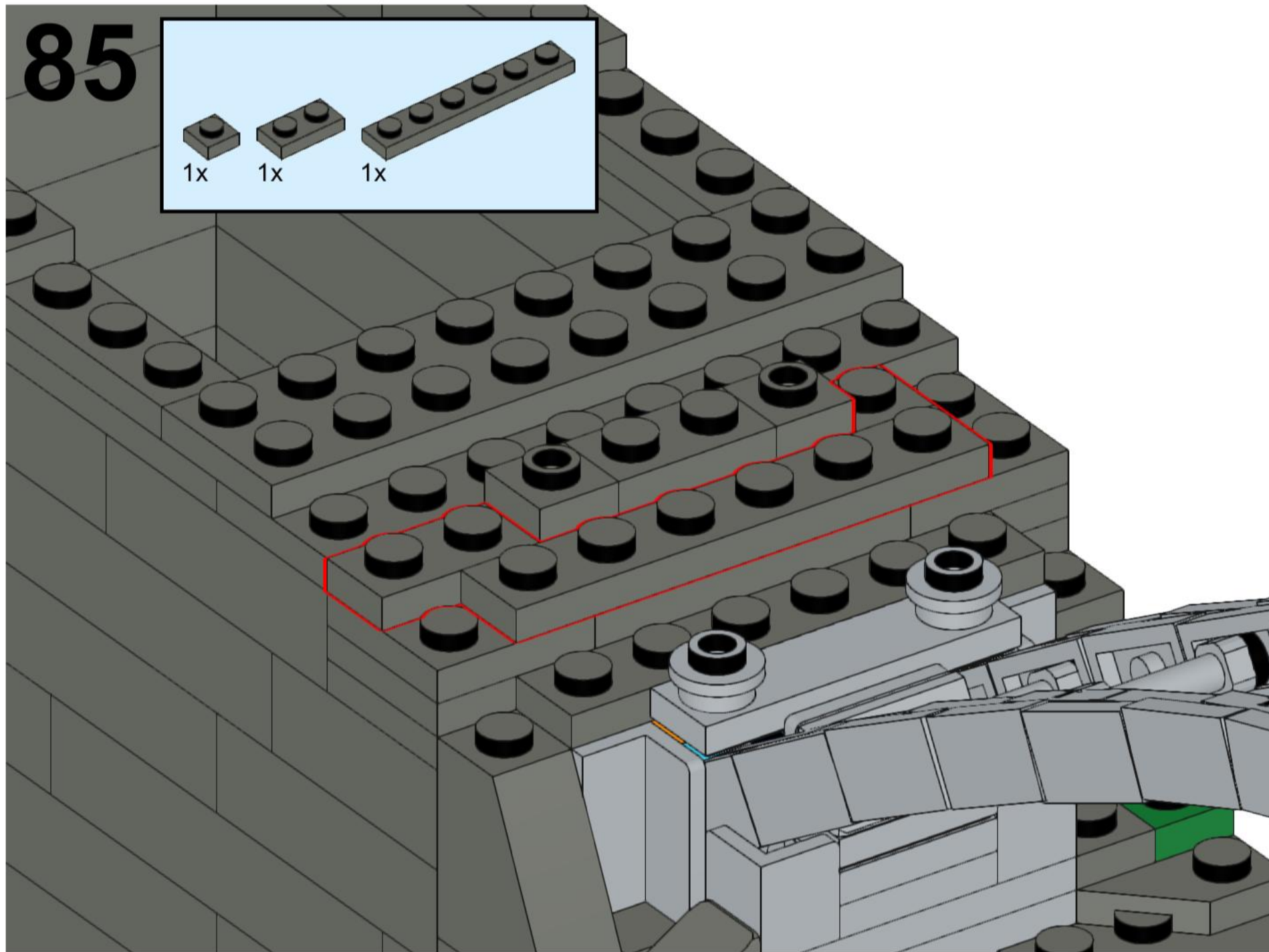
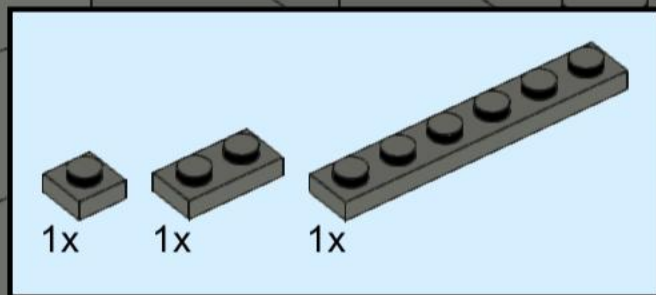
83



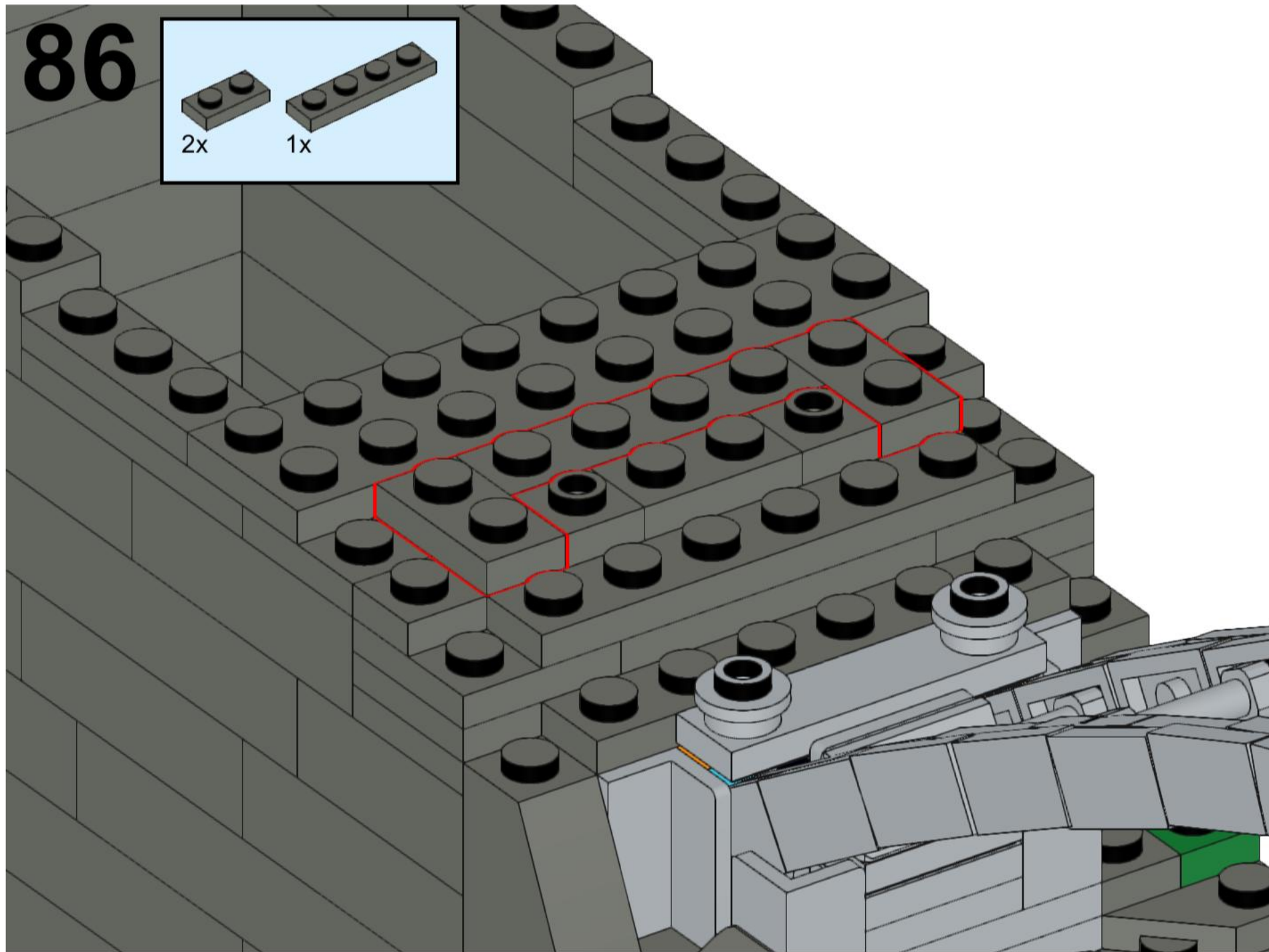
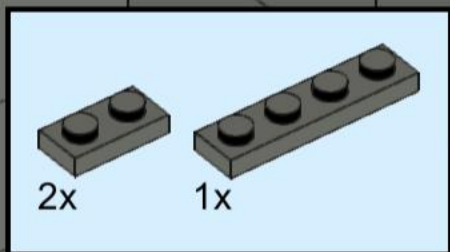
84



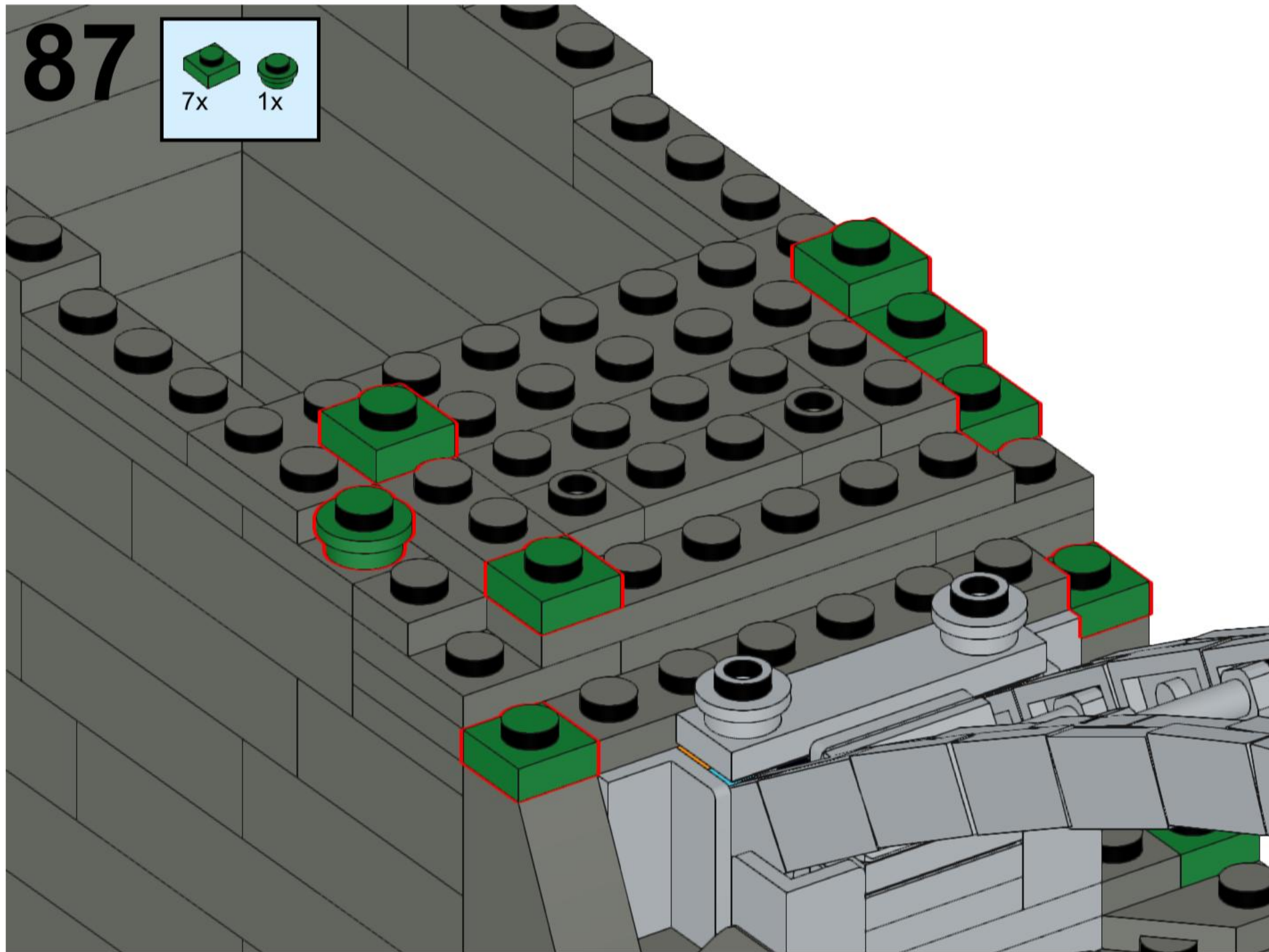
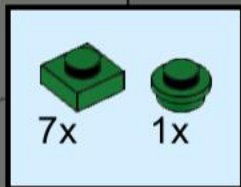
85



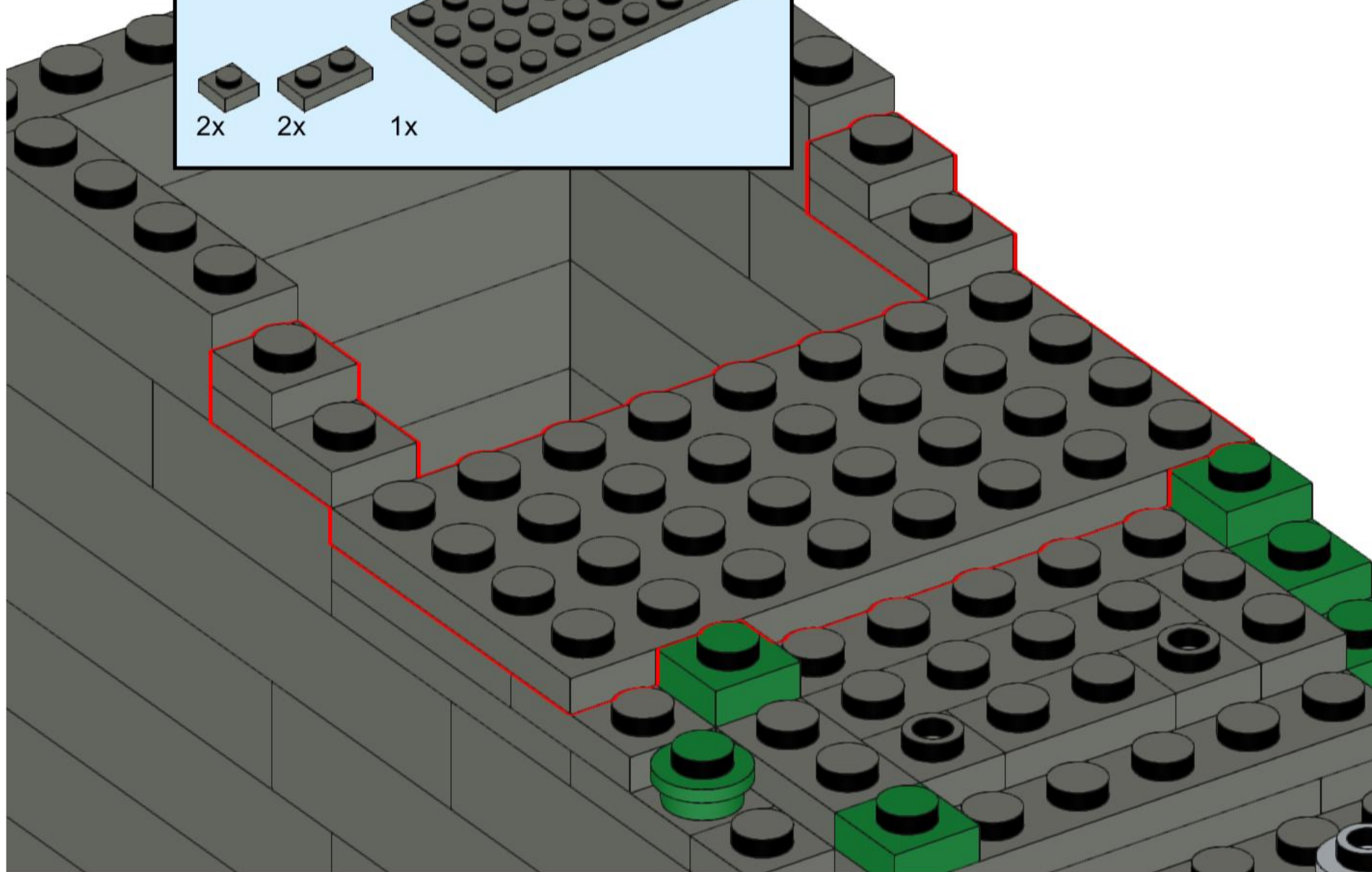
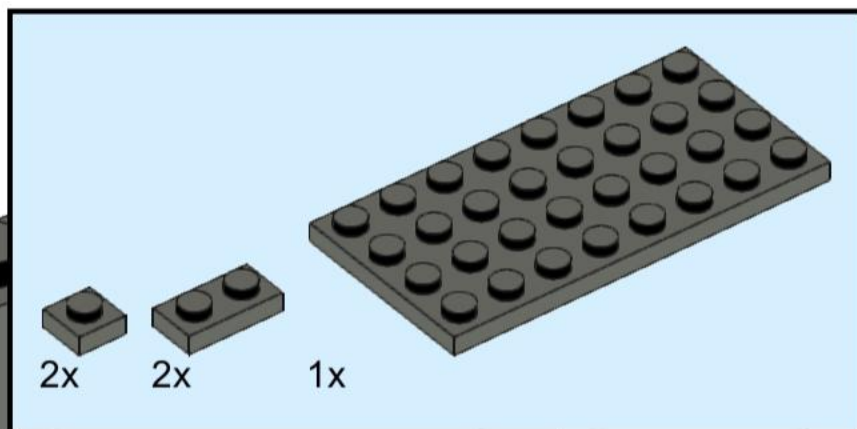
86



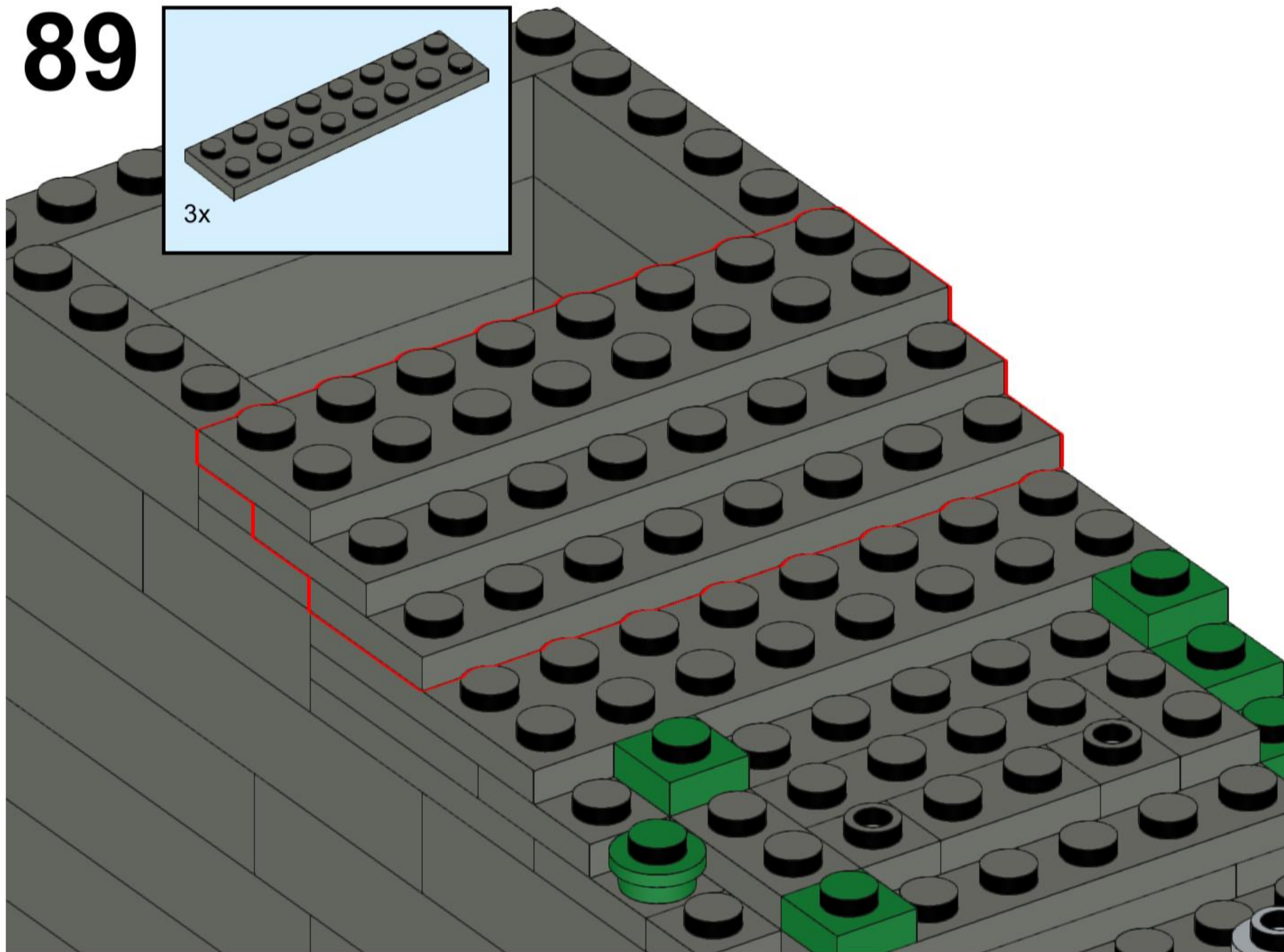
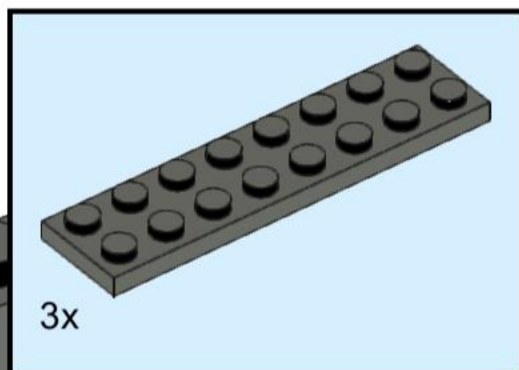
87



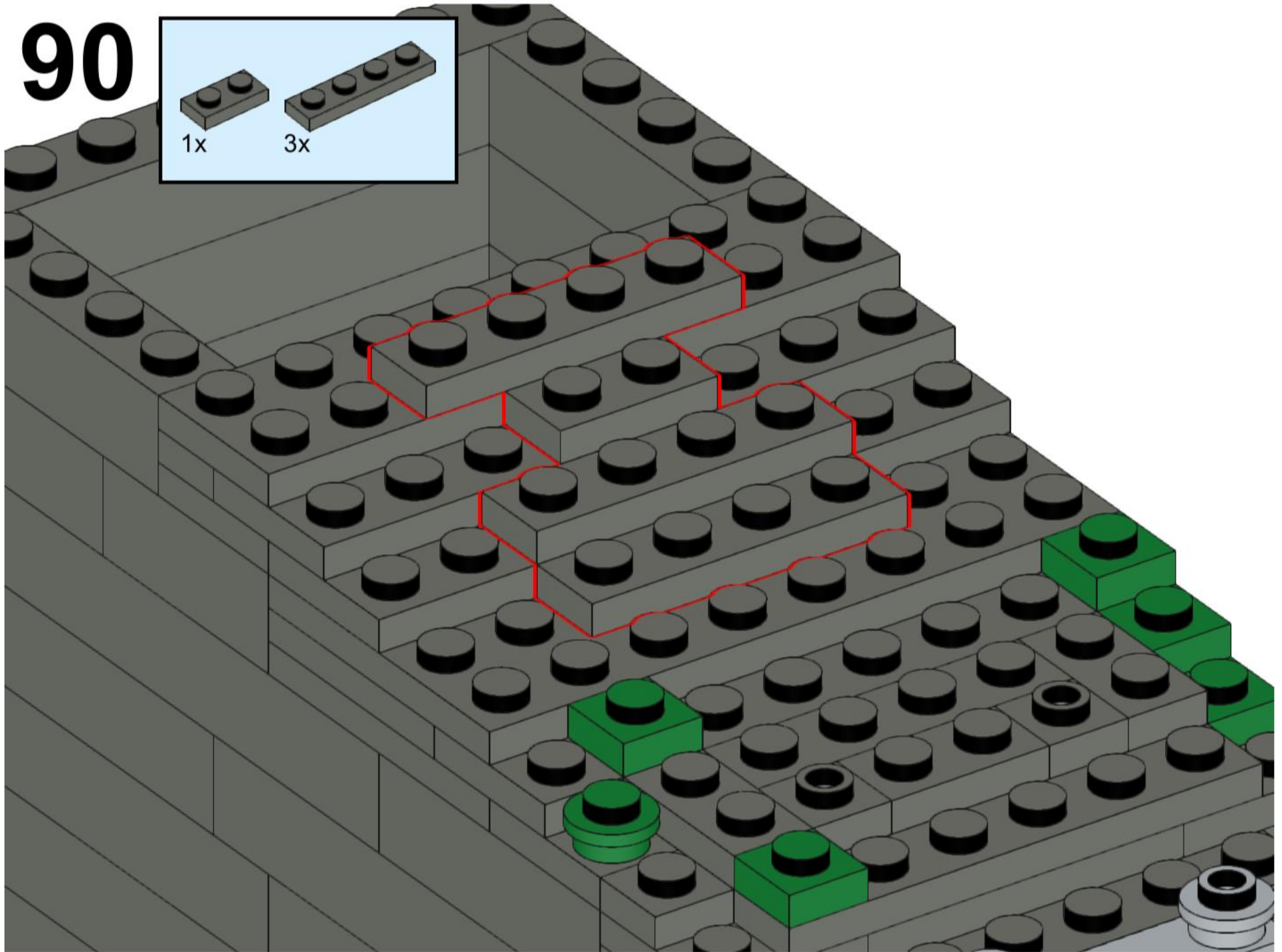
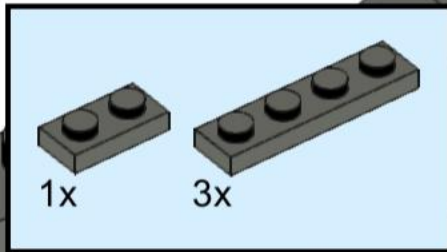
88



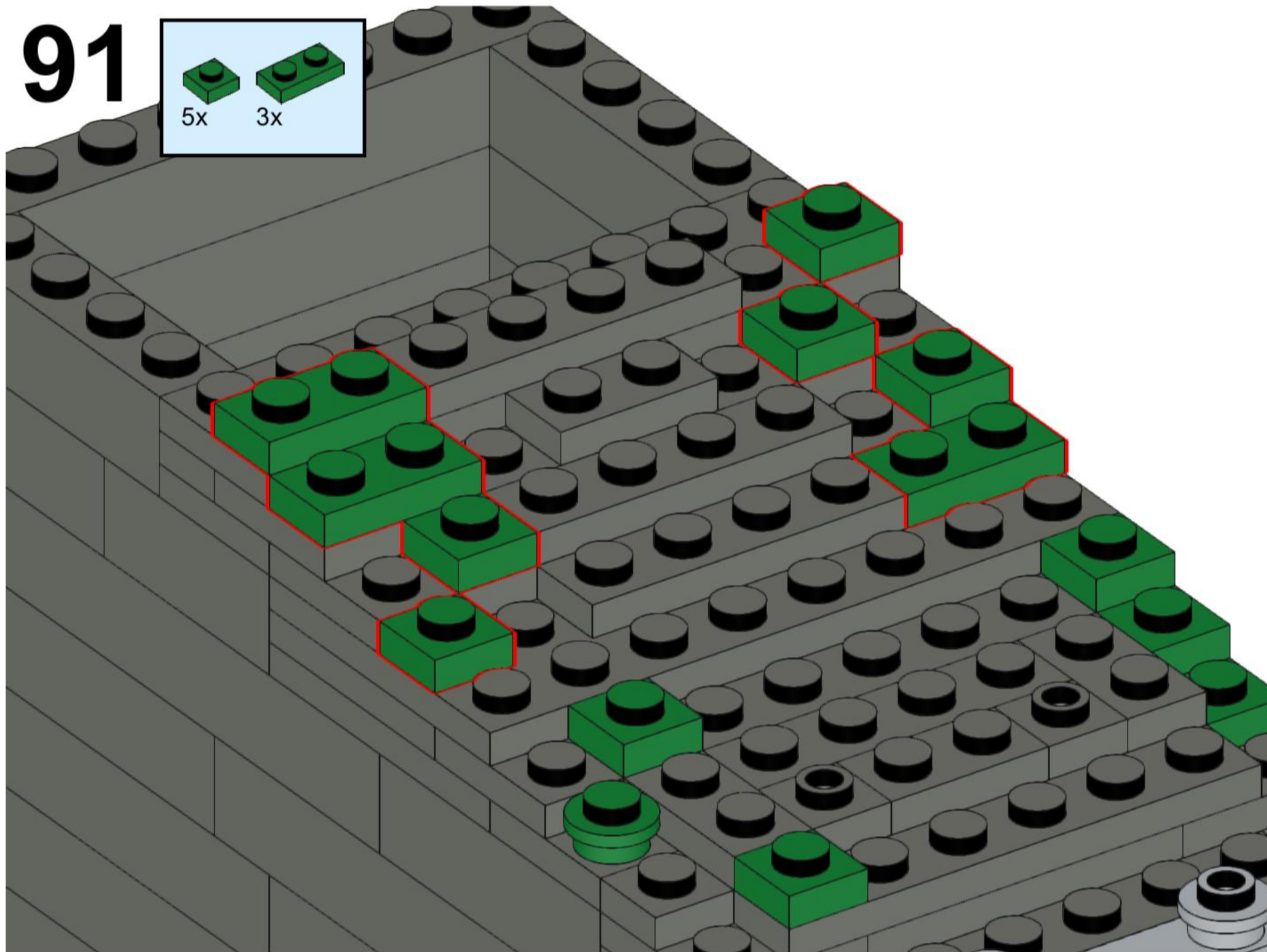
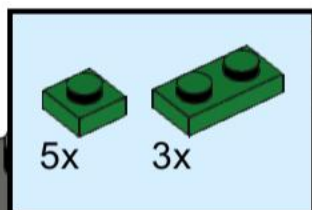
89



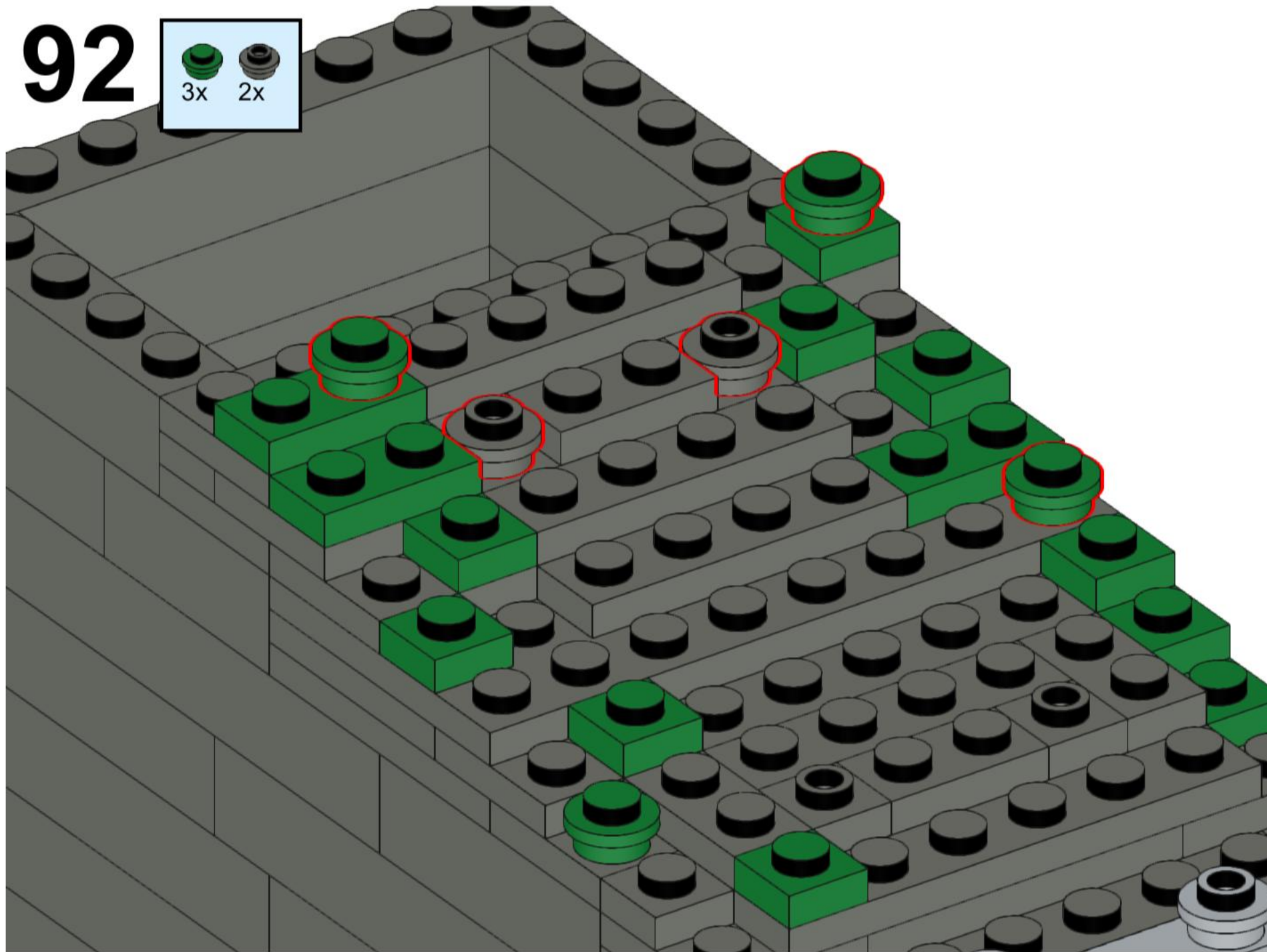
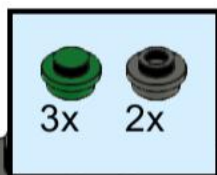
90



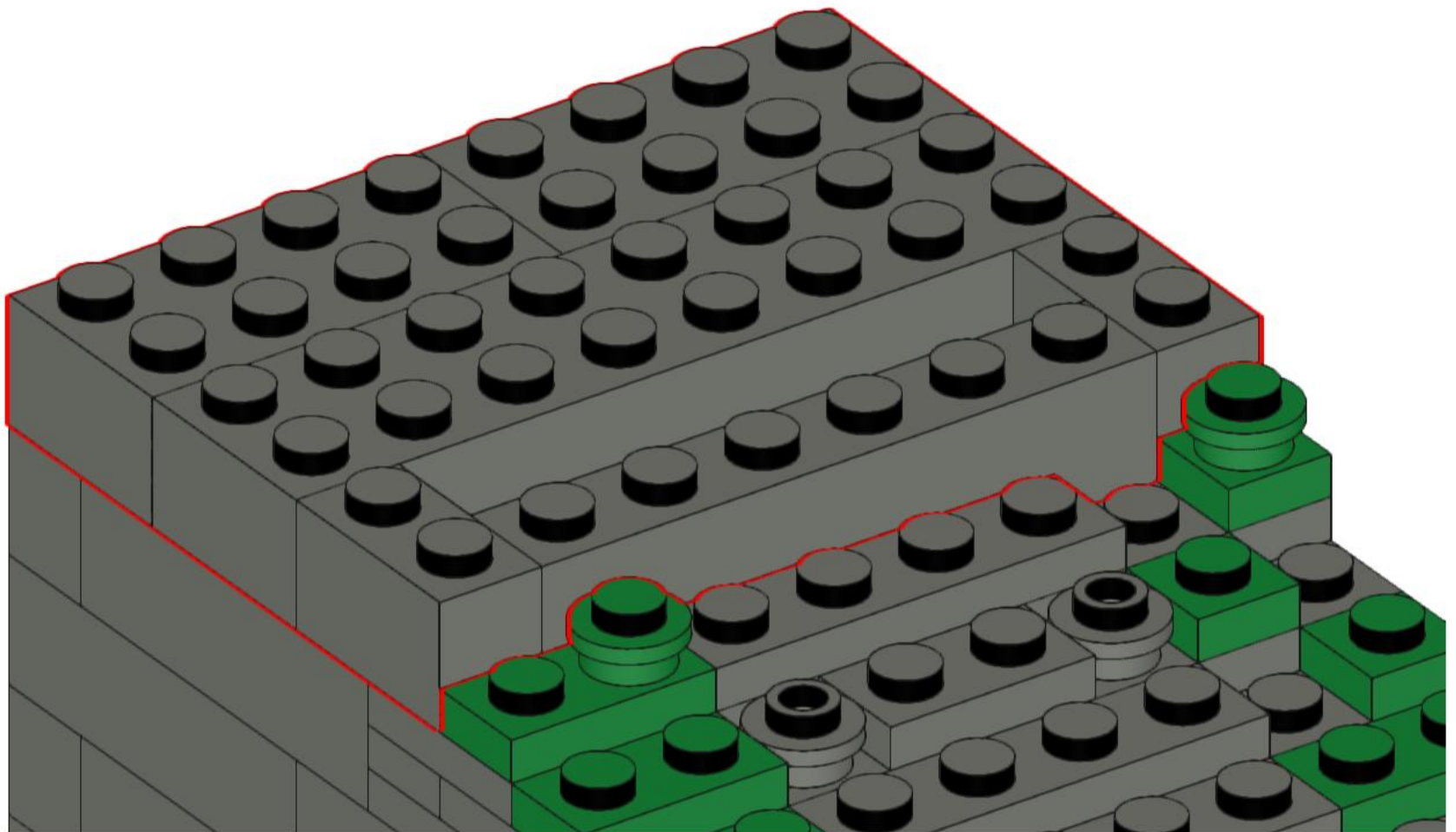
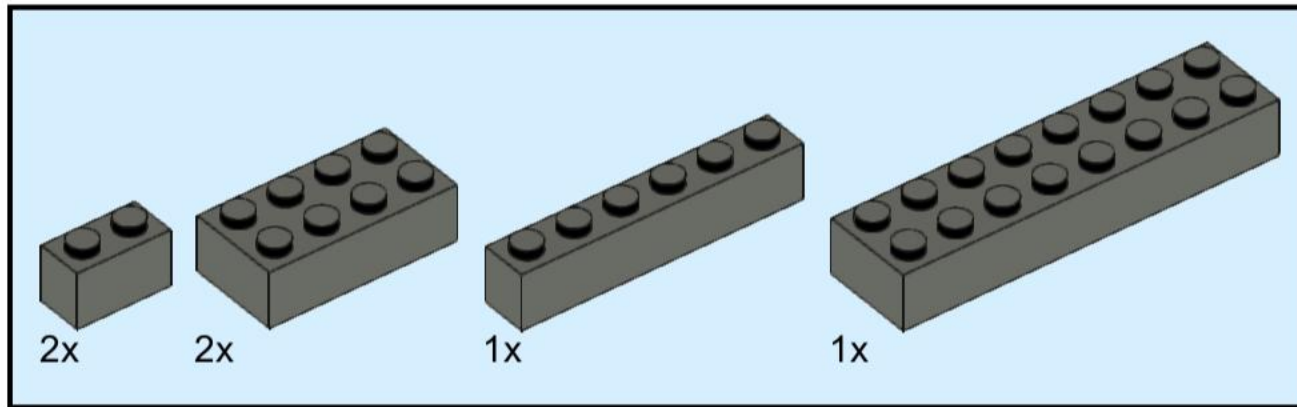
91



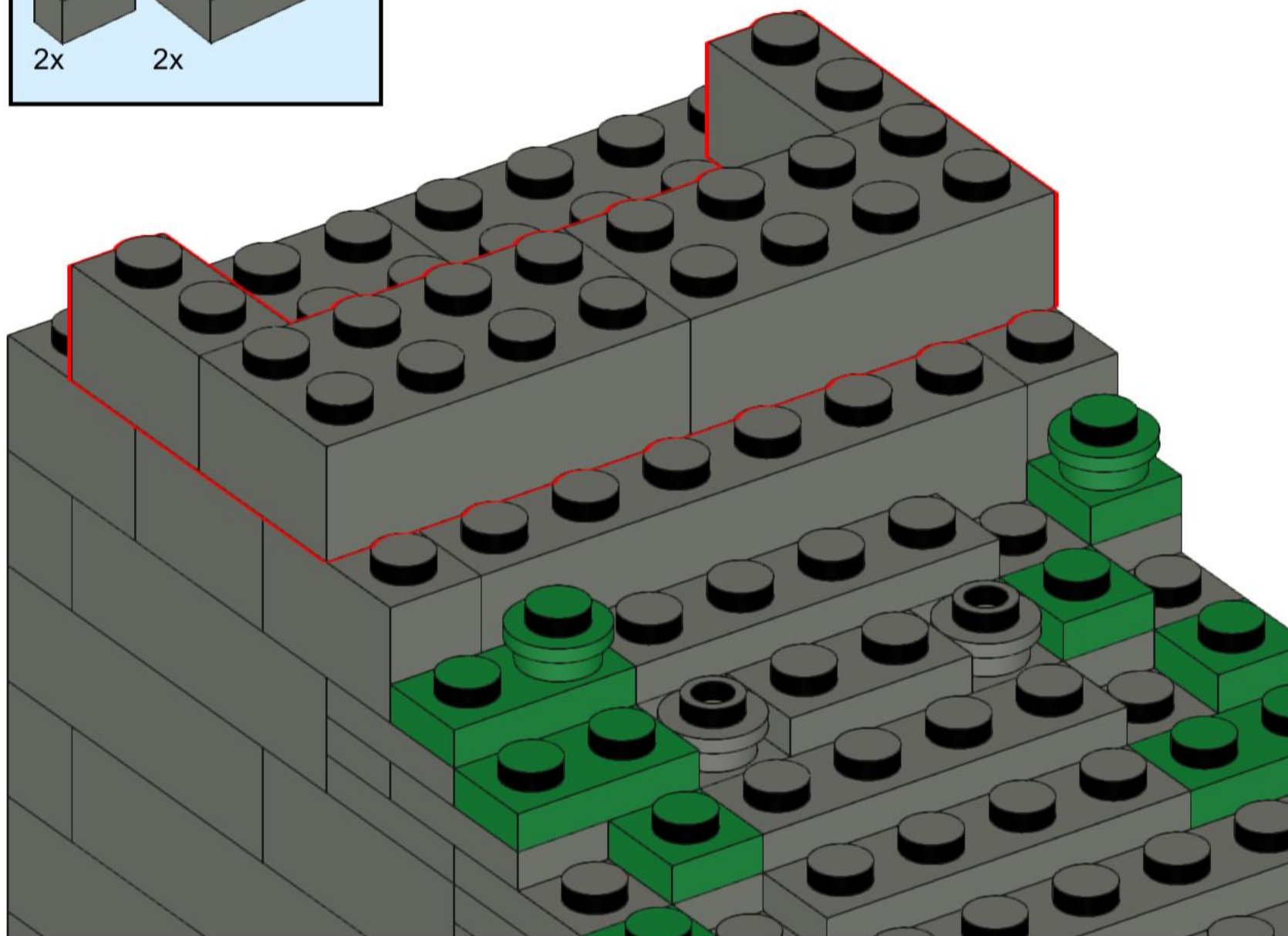
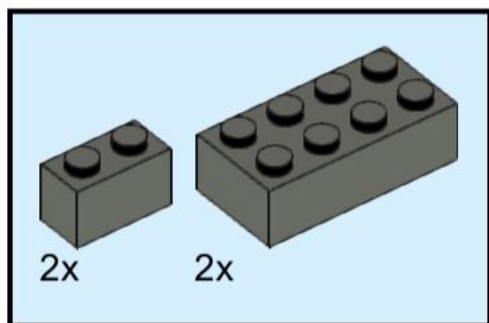
92



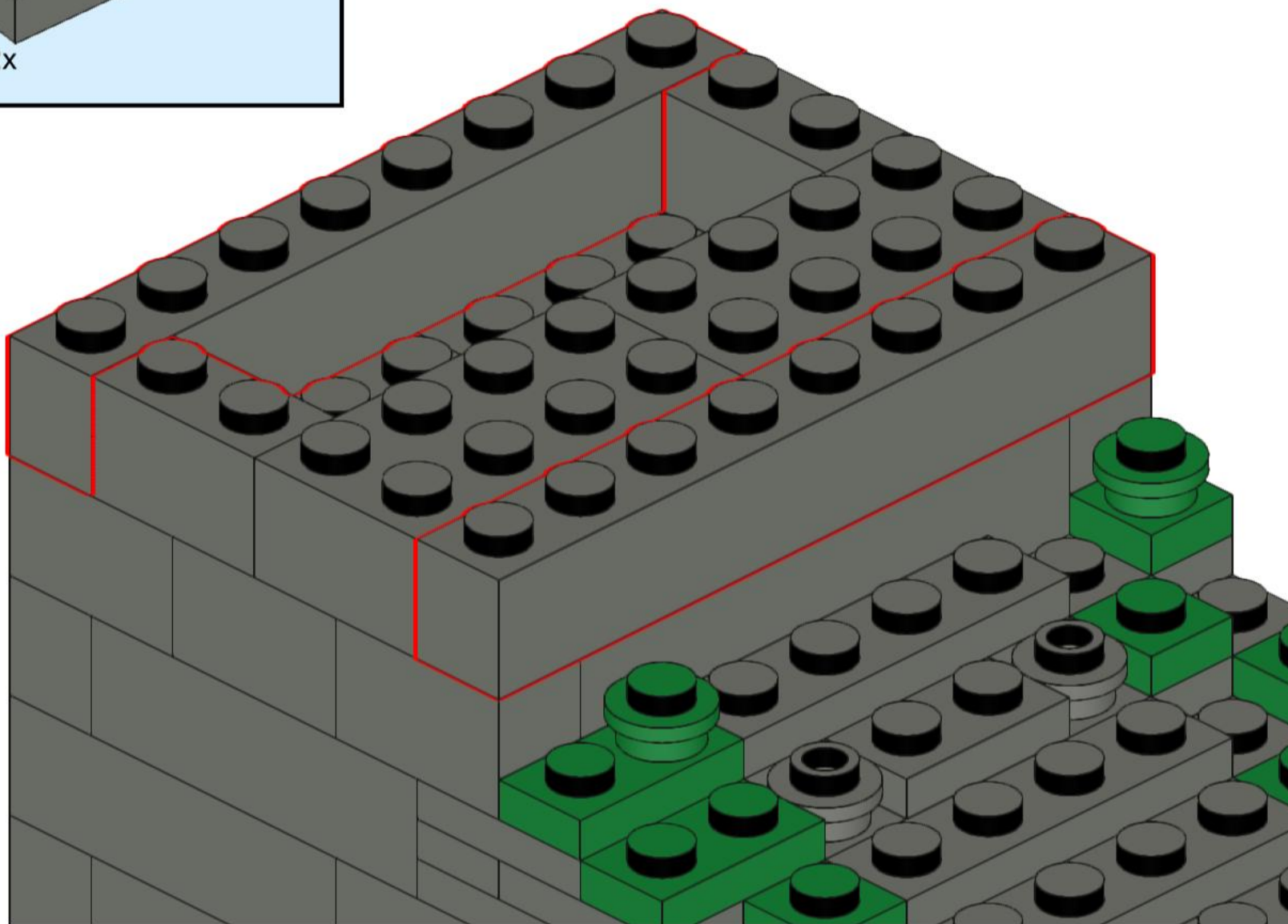
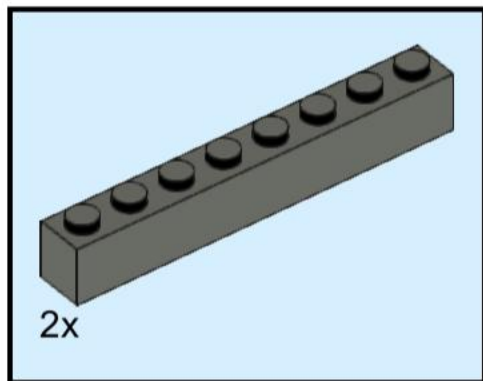
93



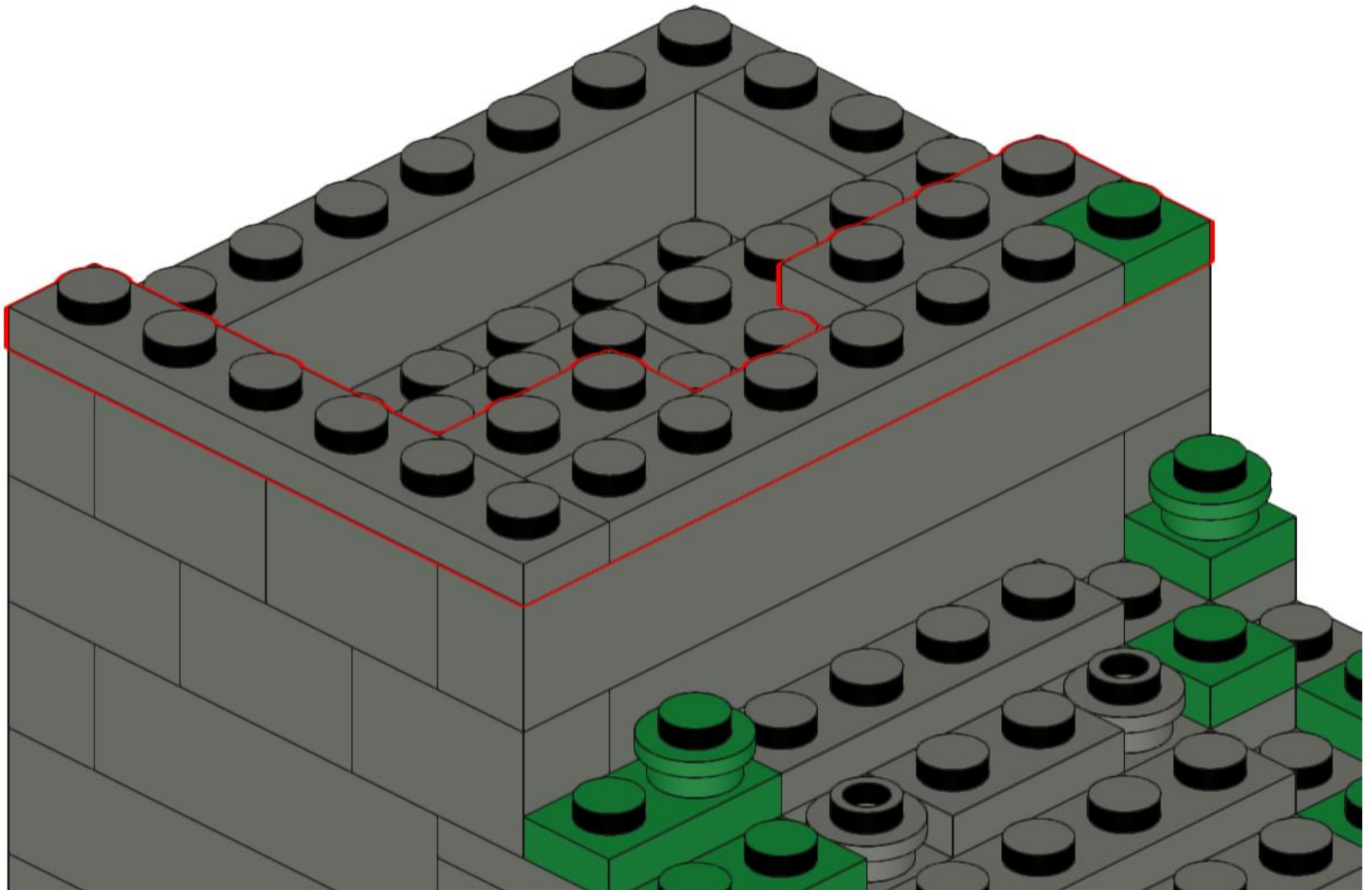
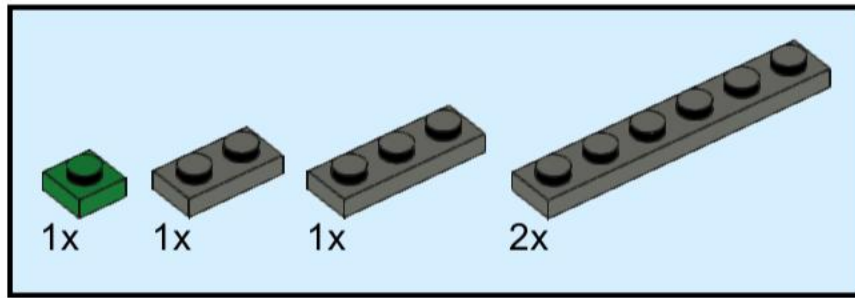
94



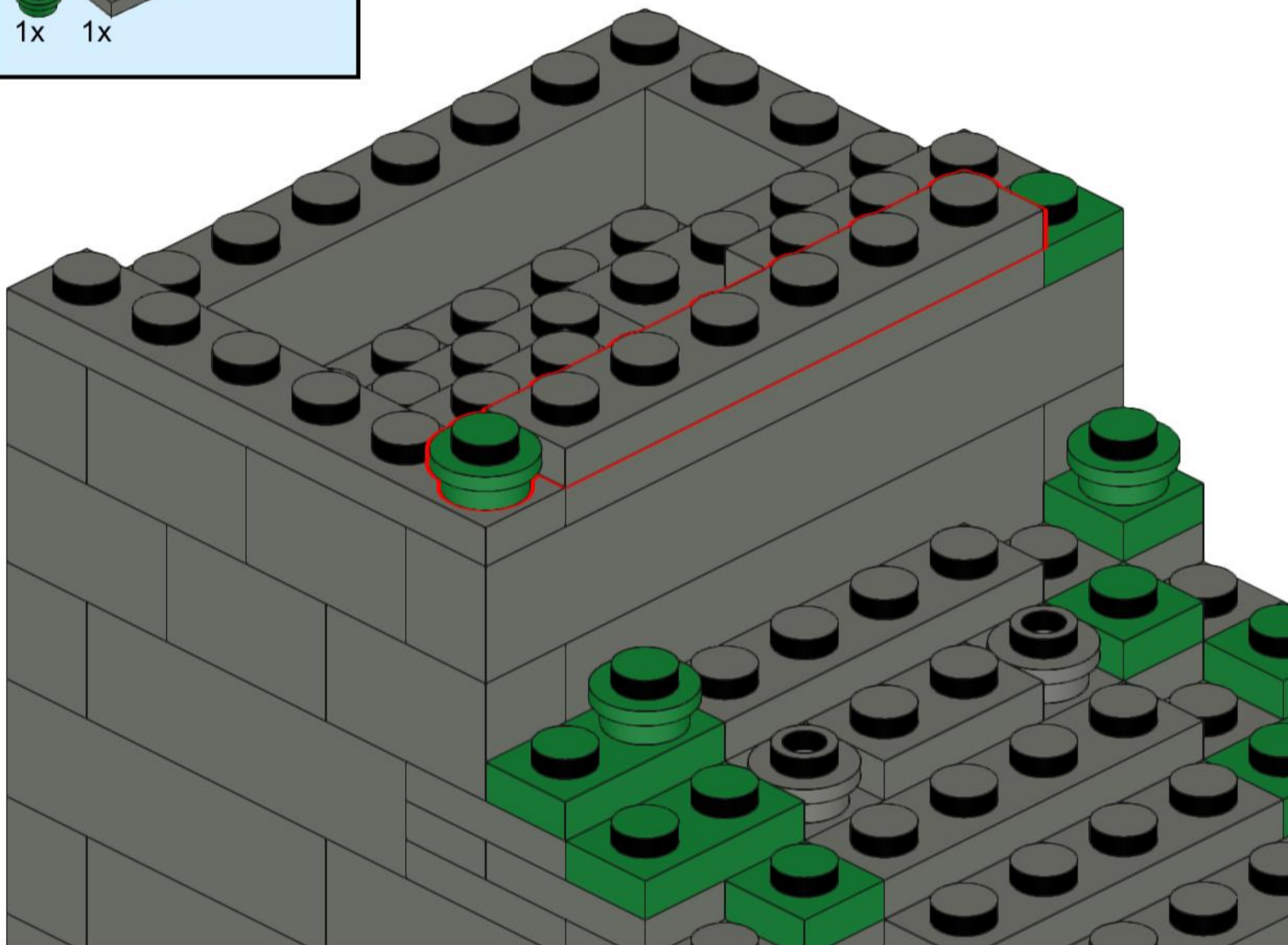
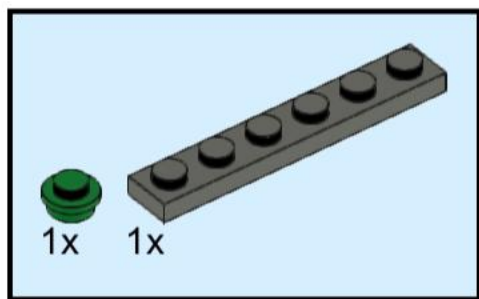
95



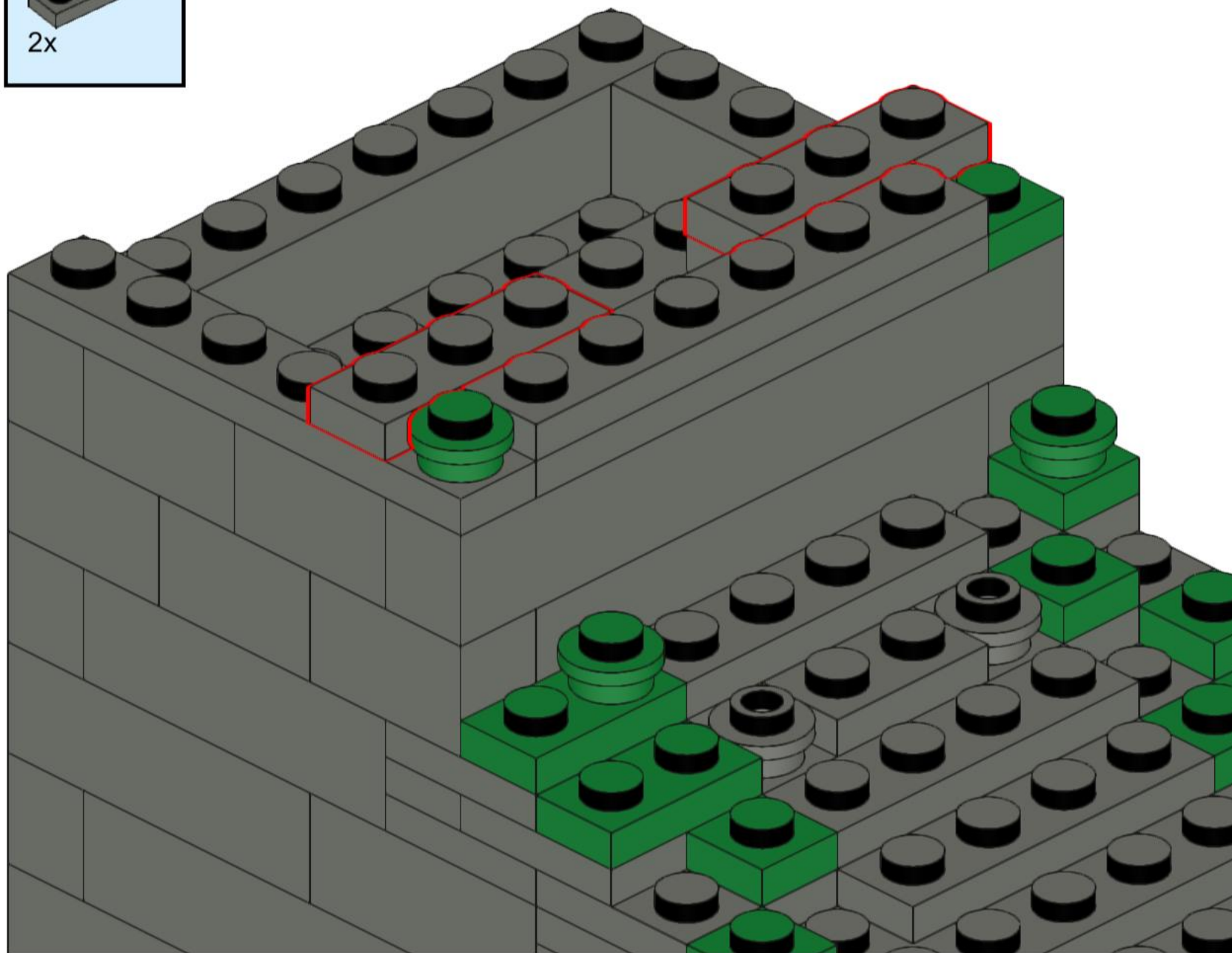
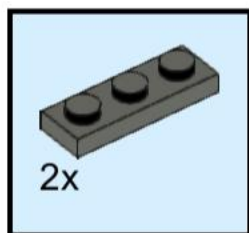
96



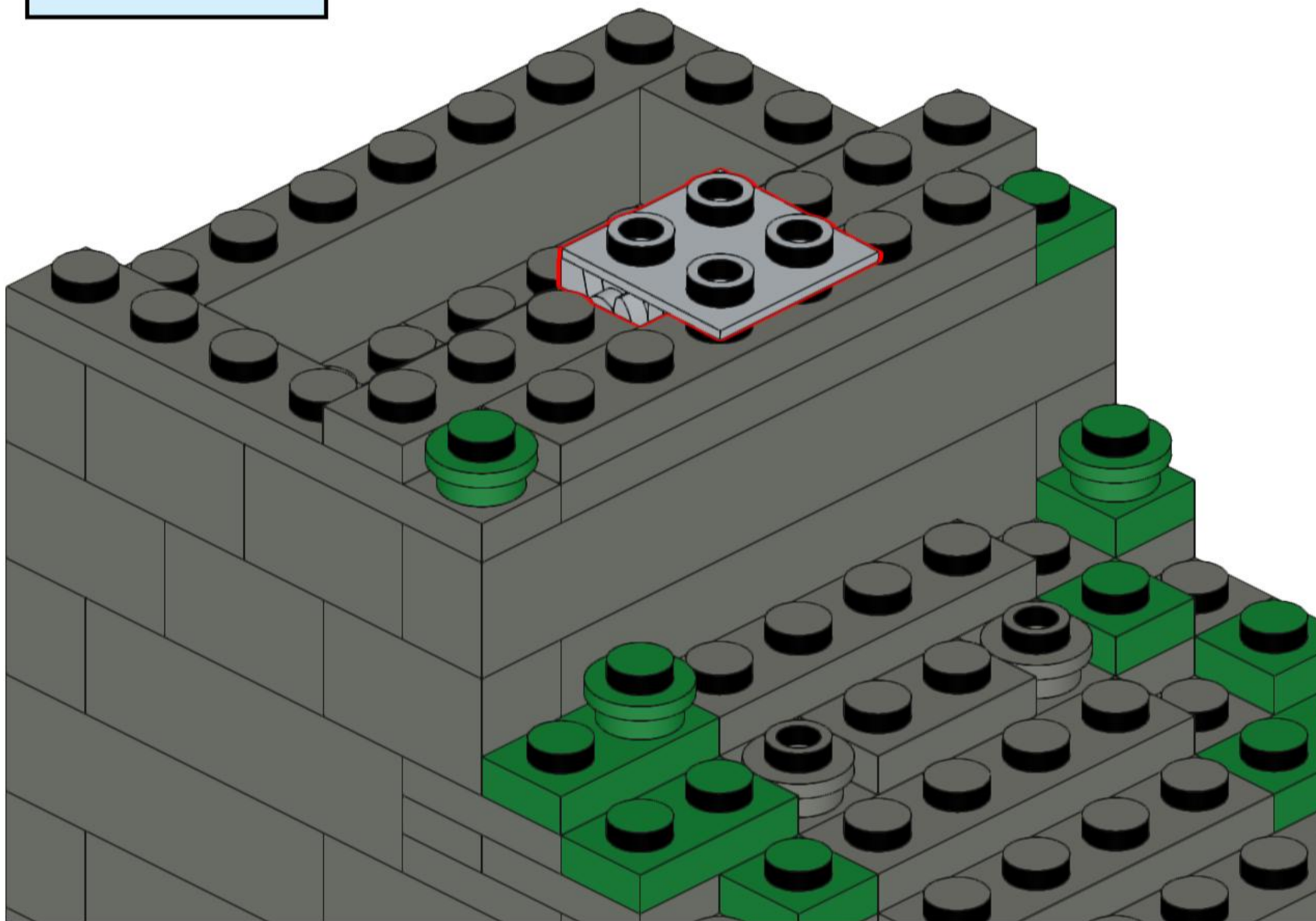
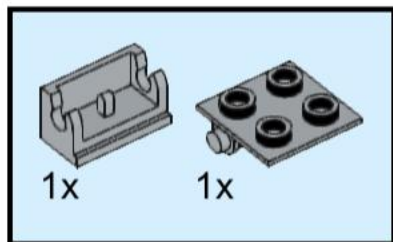
97



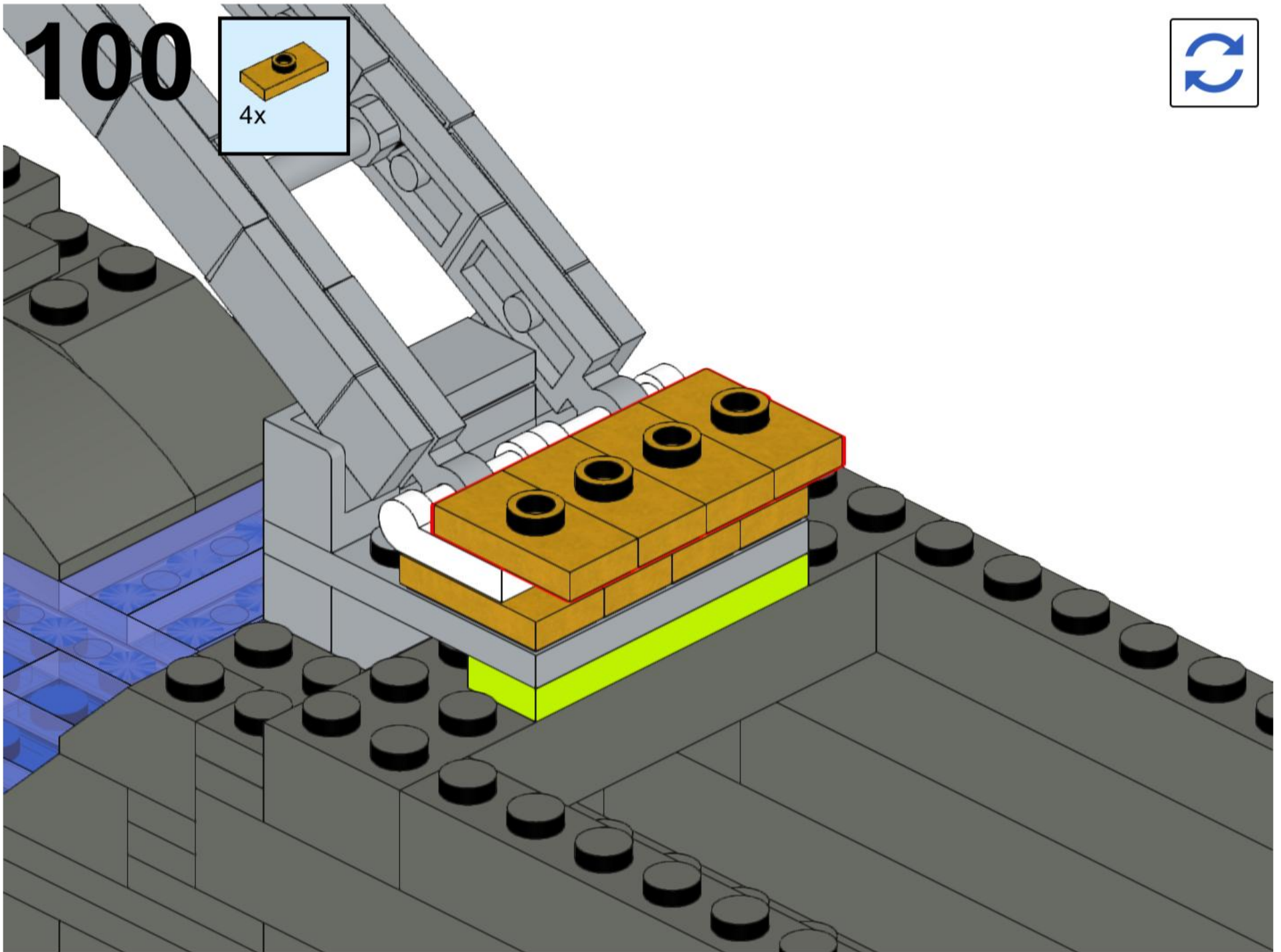
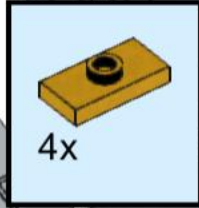
98



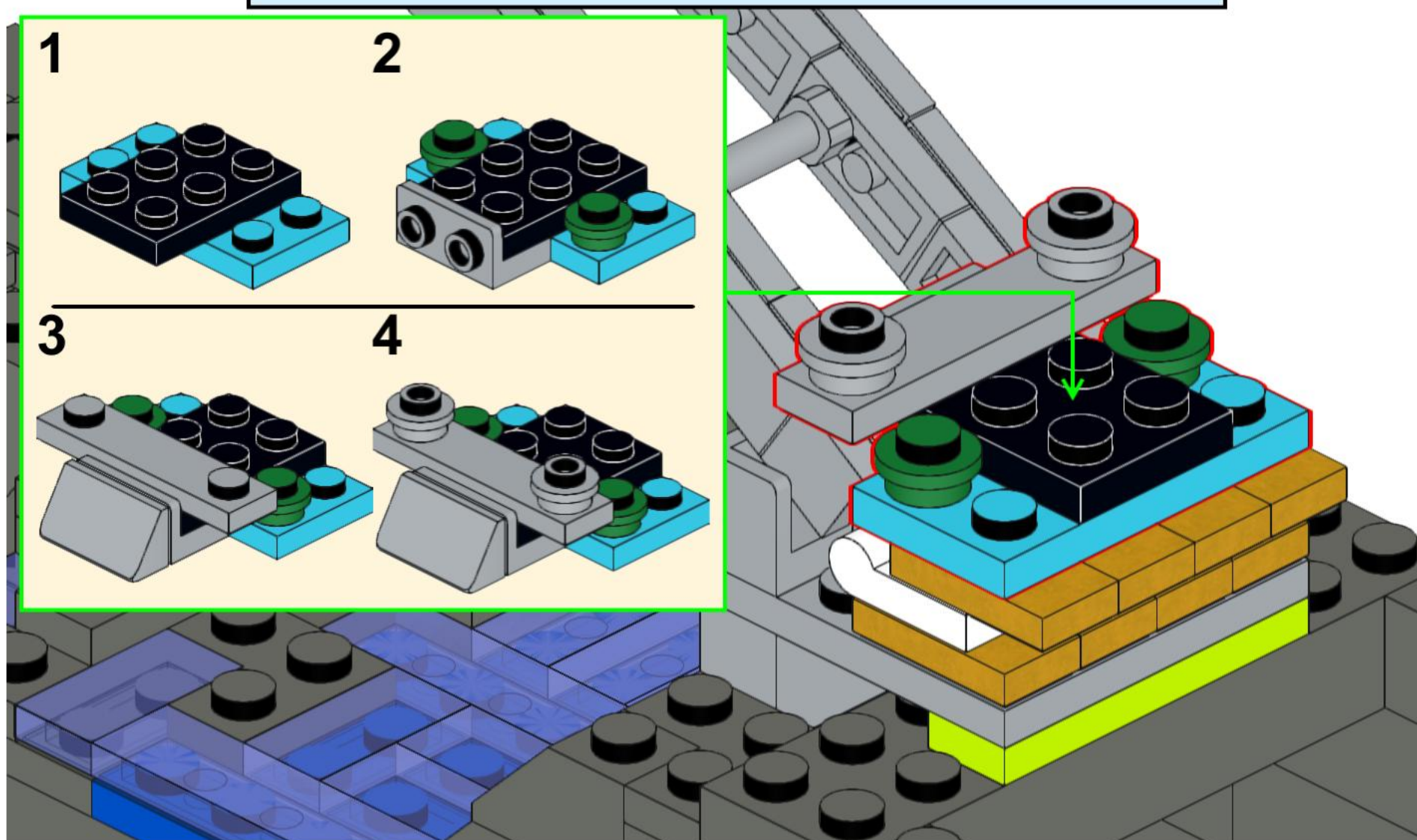
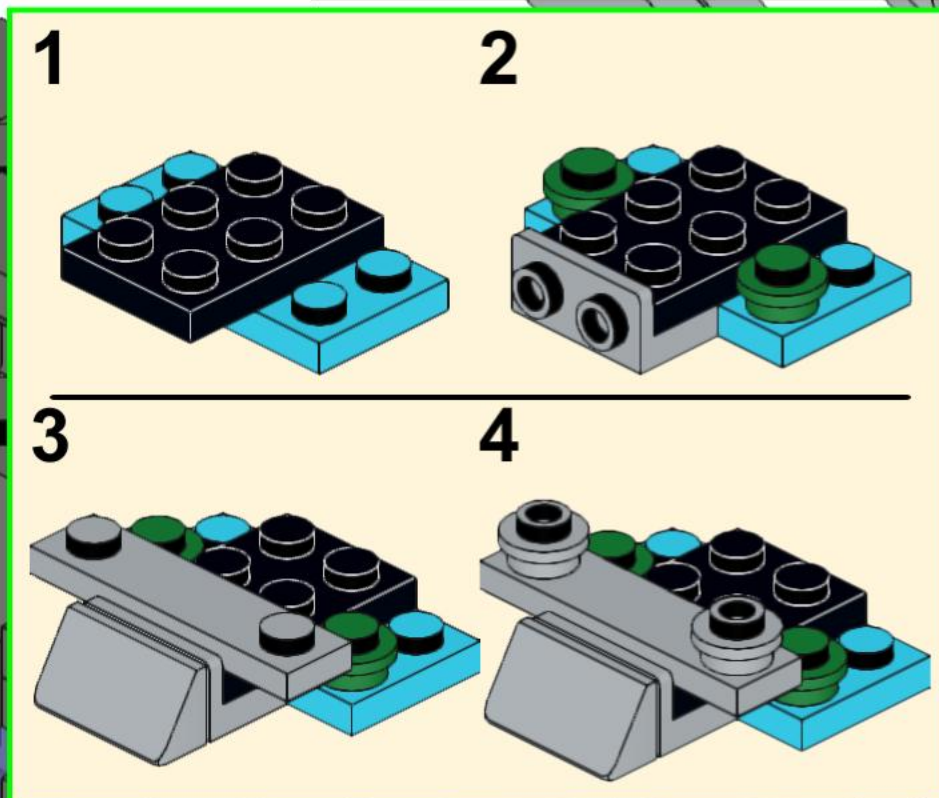
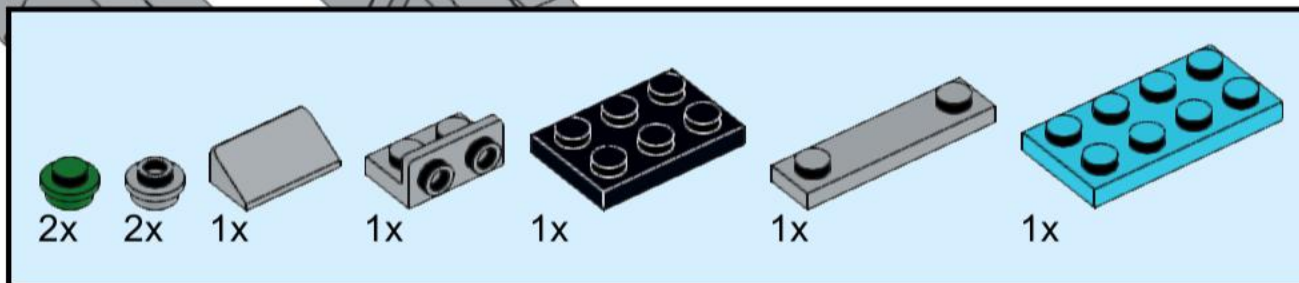
99



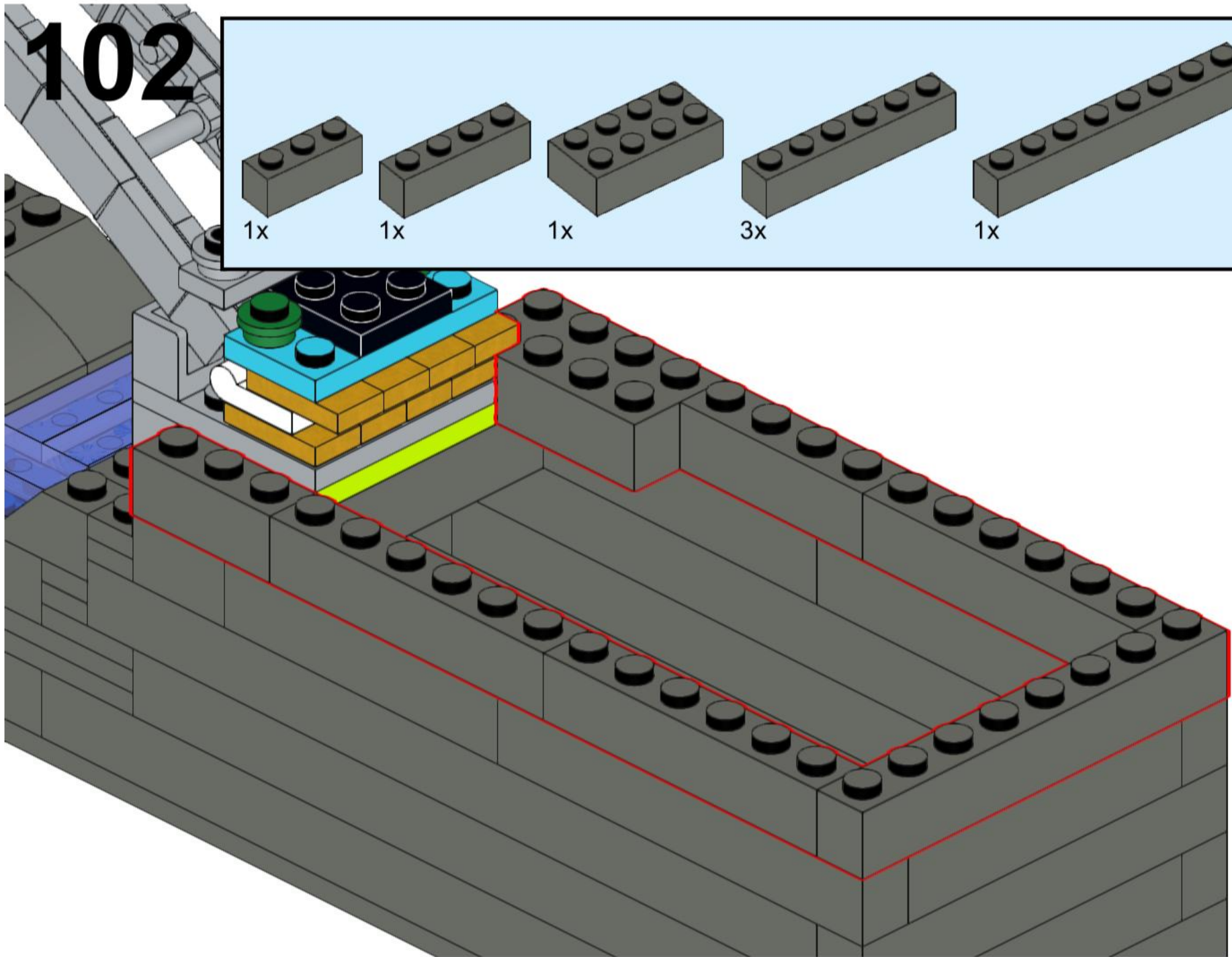
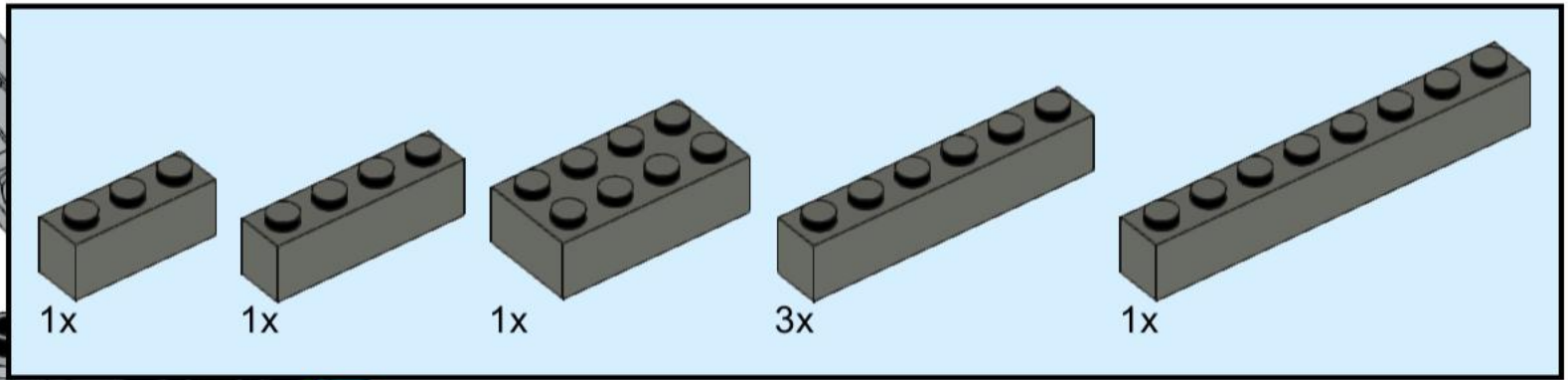
100



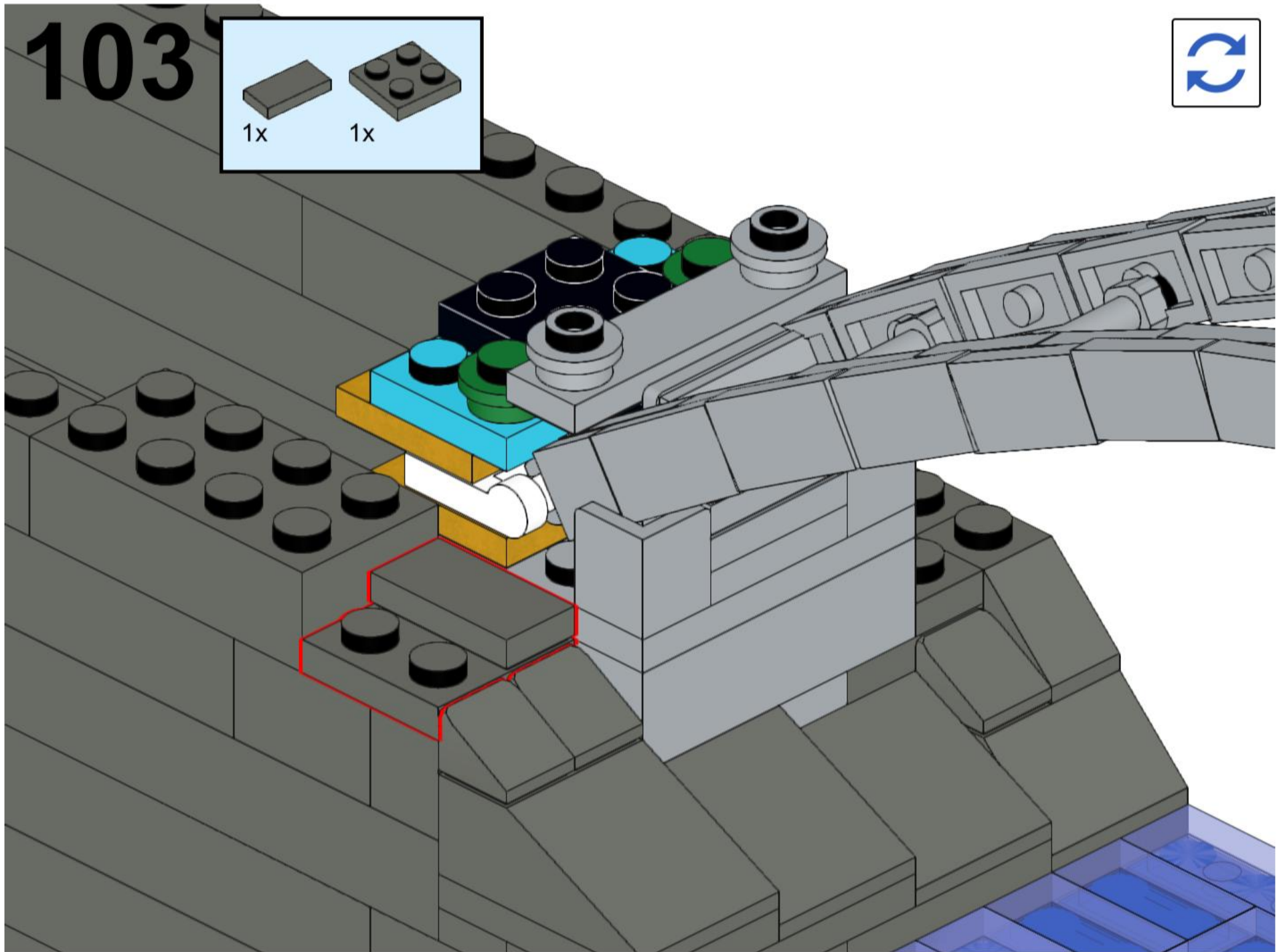
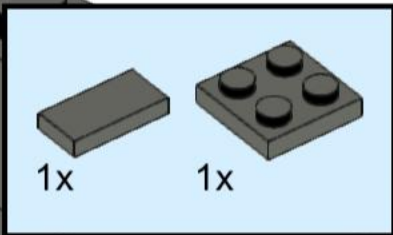
101



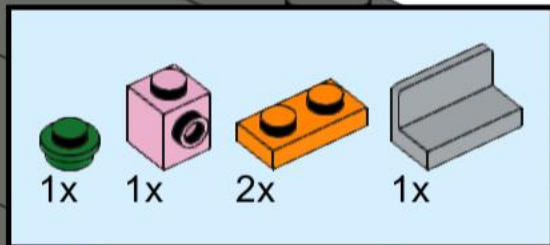
102



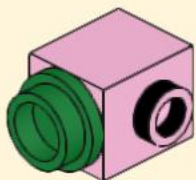
103



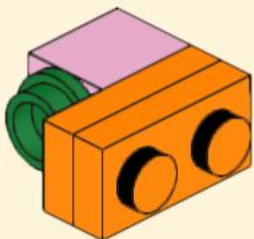
104



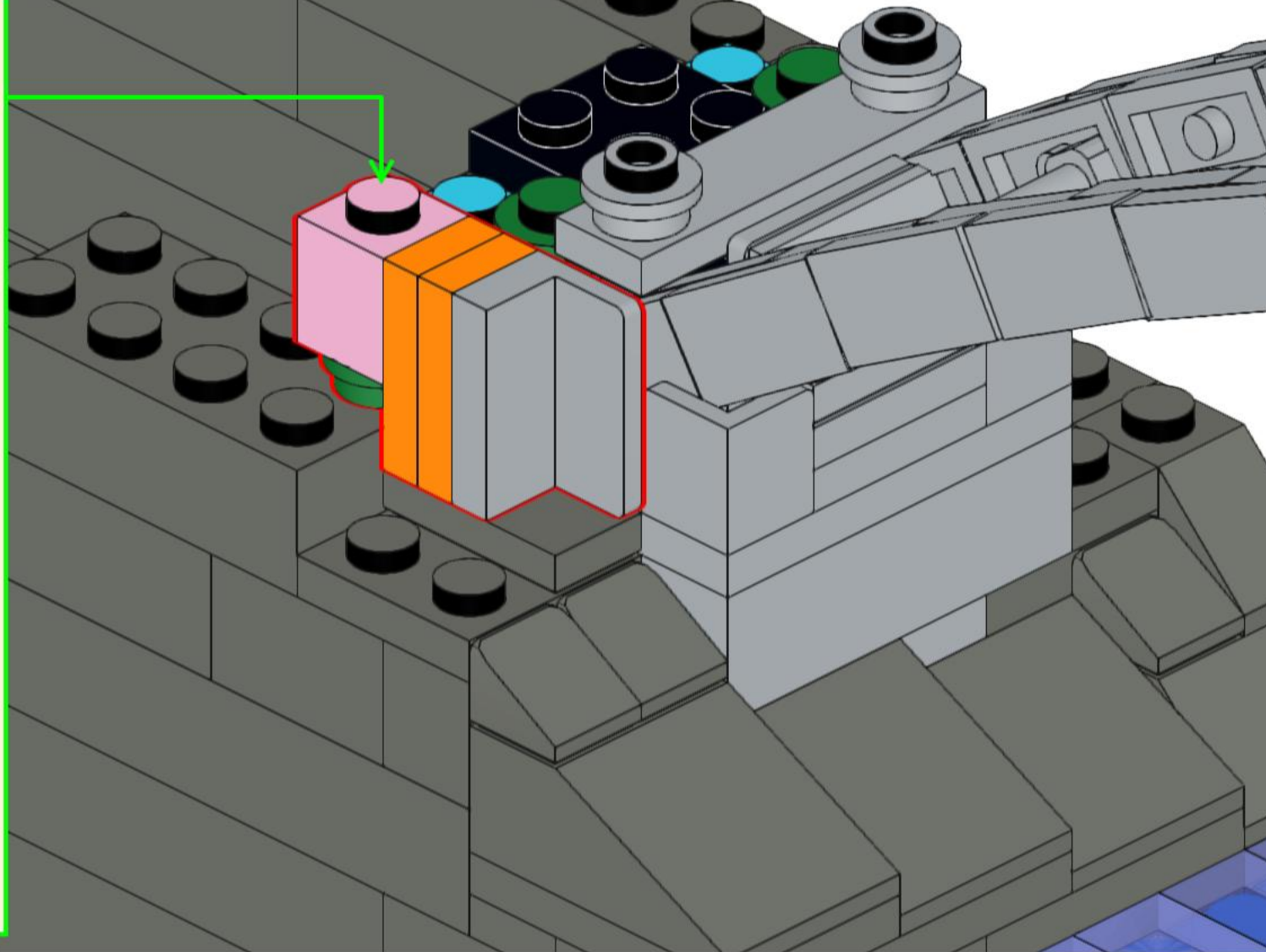
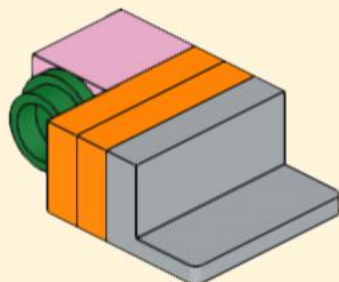
1



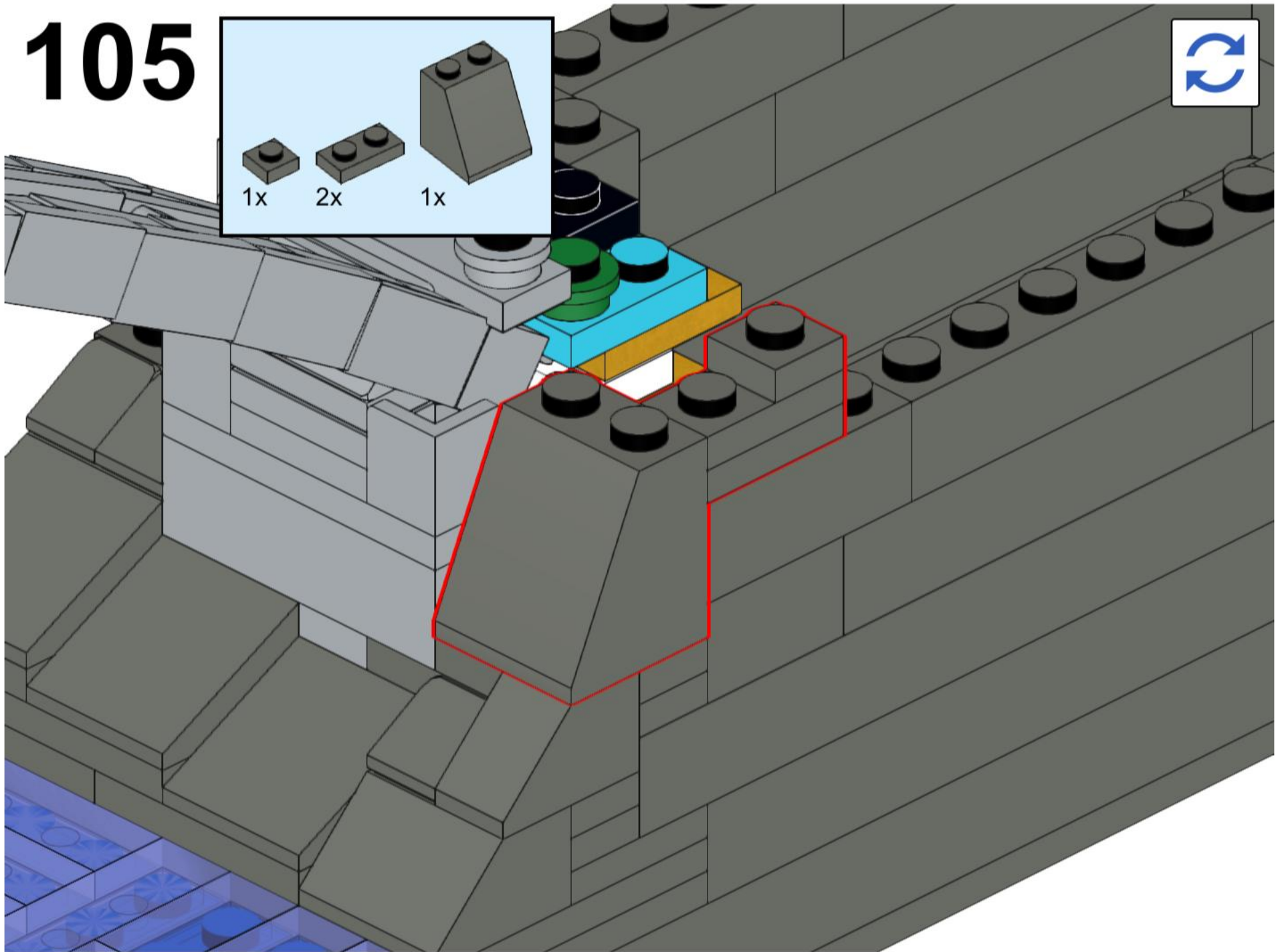
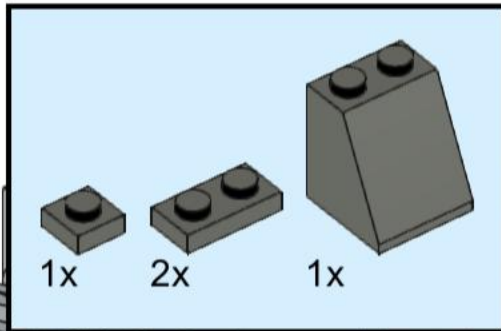
2



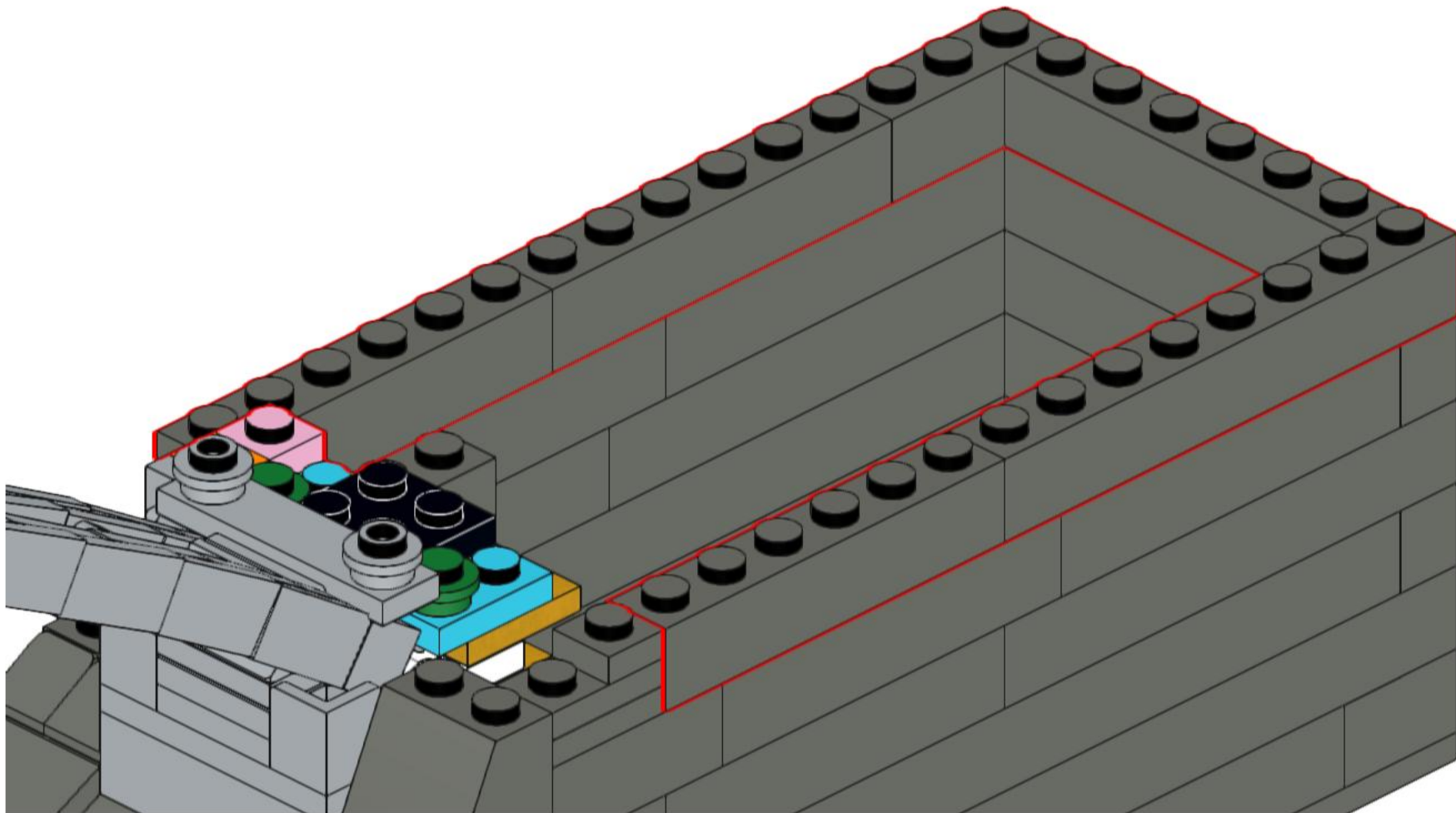
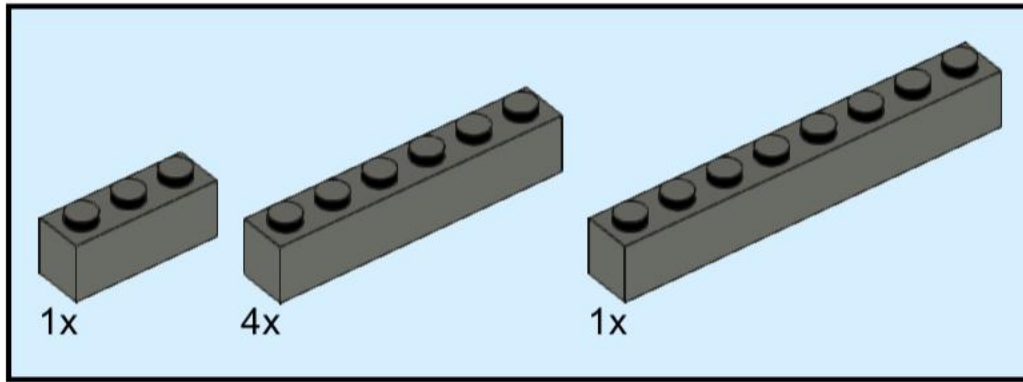
3



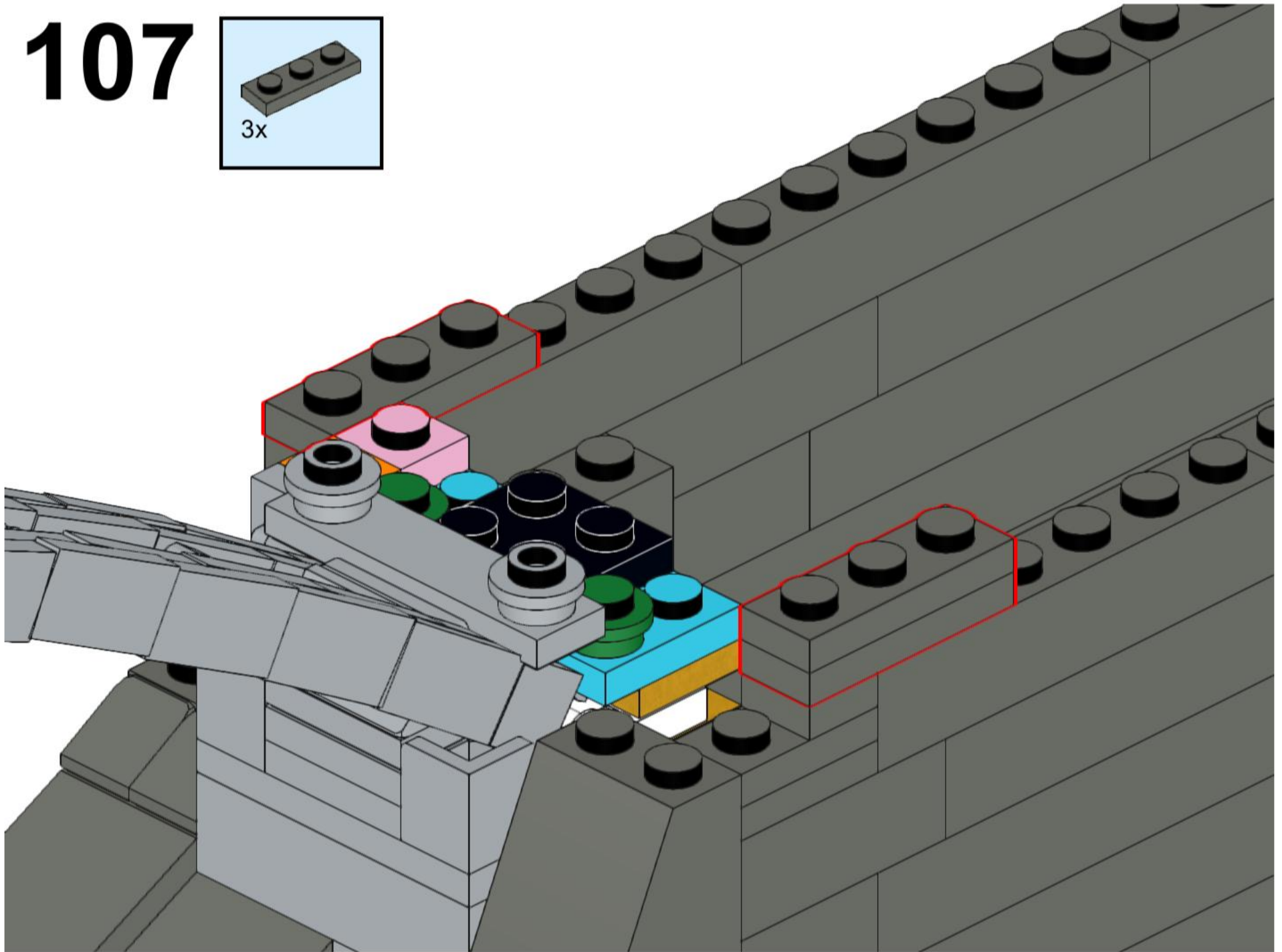
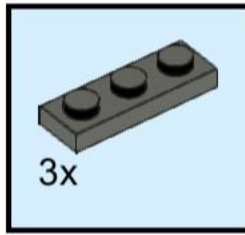
105



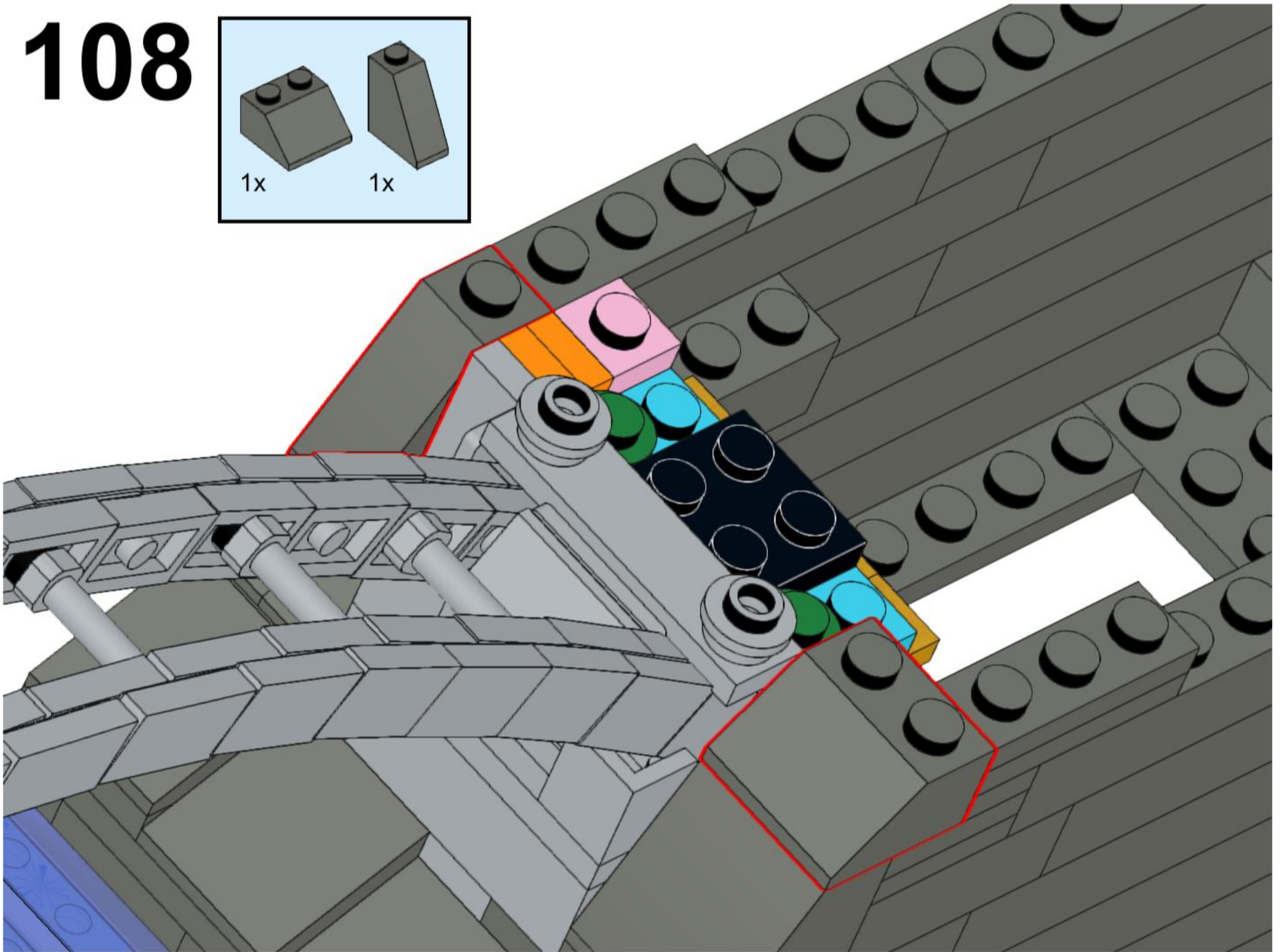
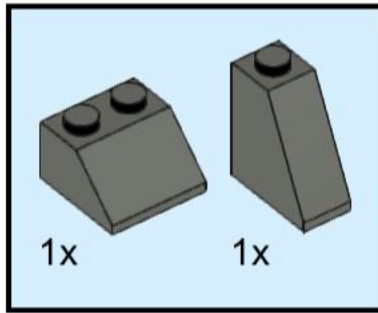
106



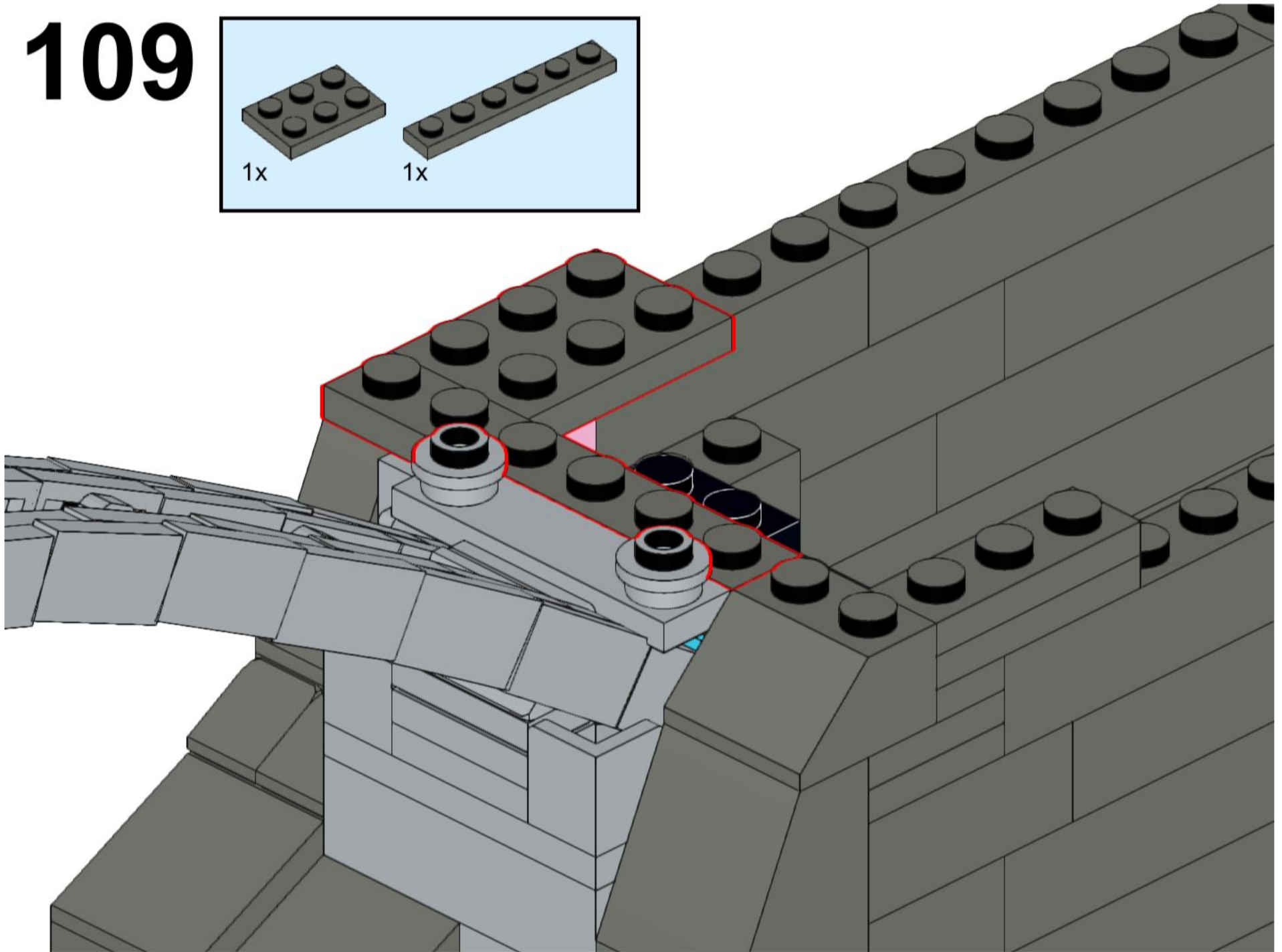
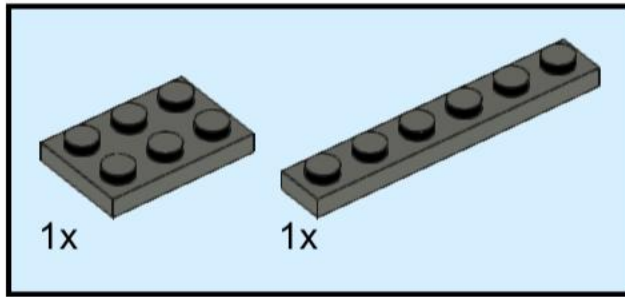
107



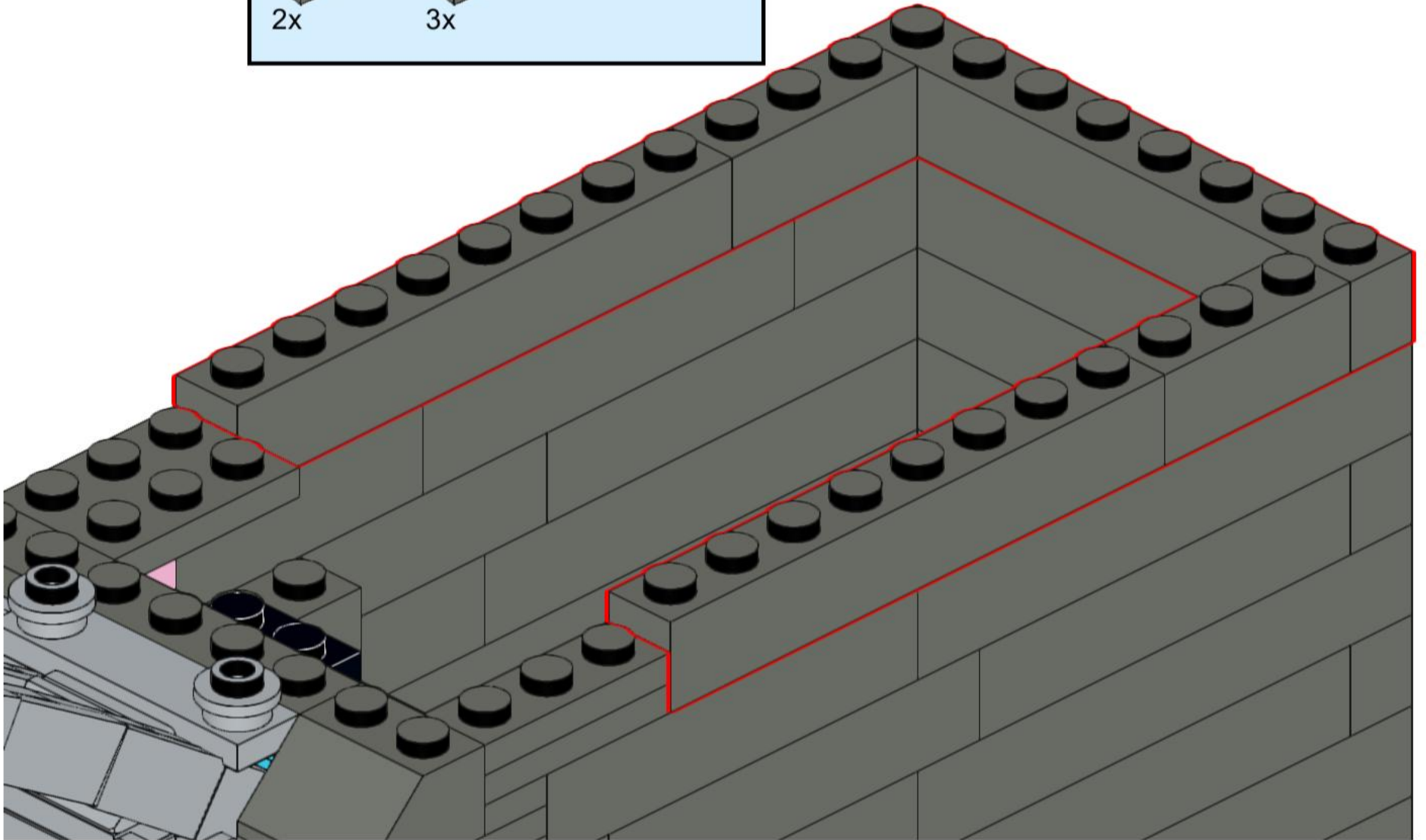
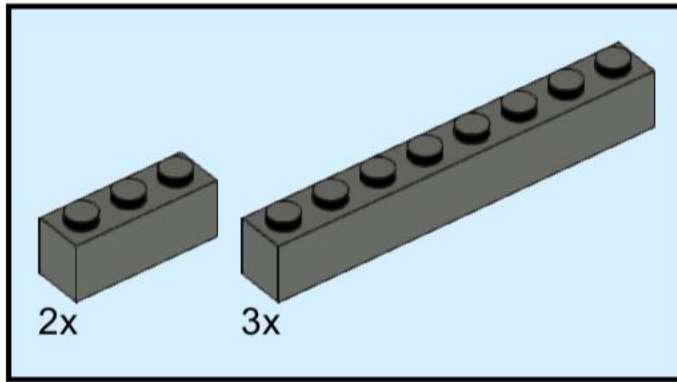
108



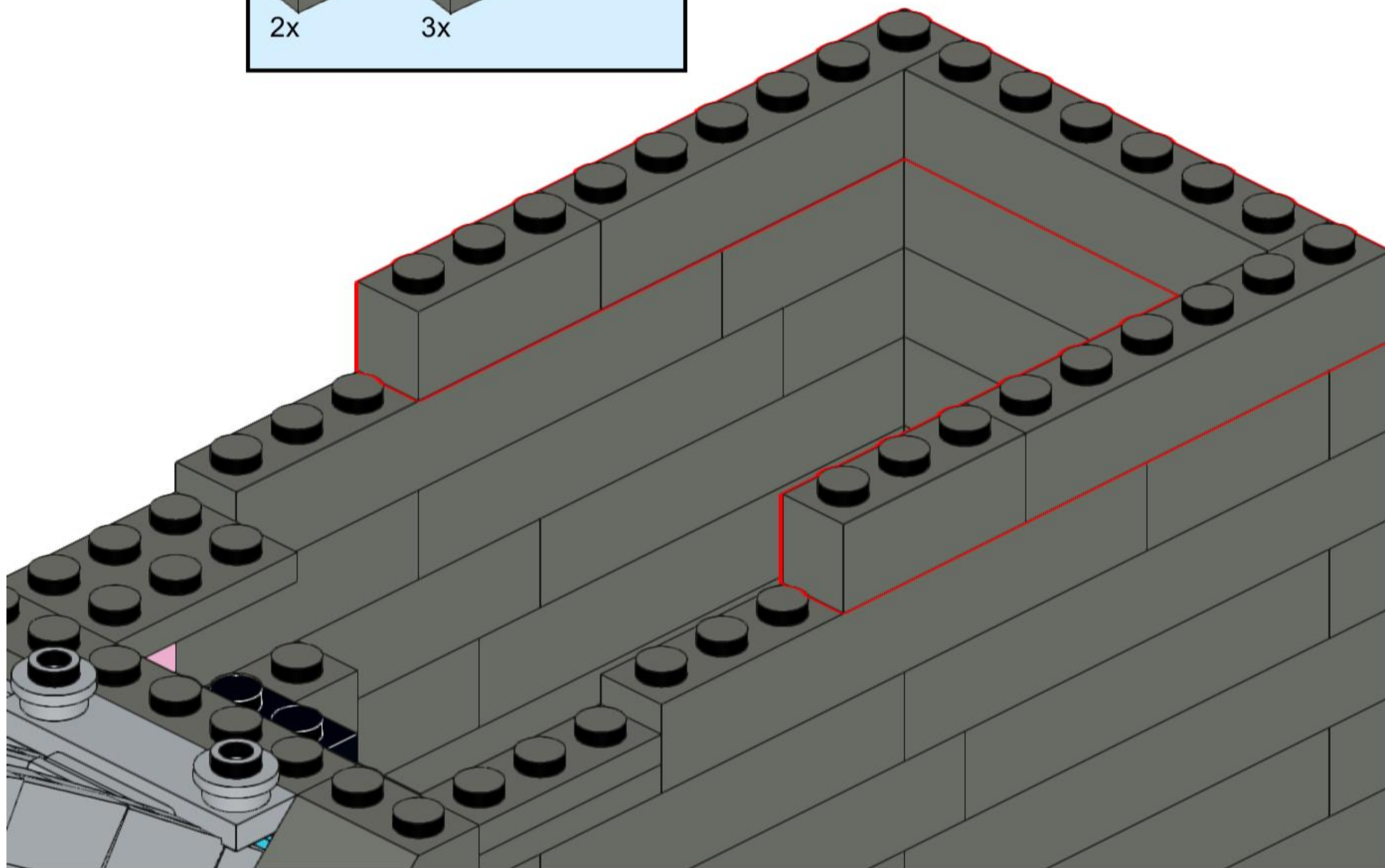
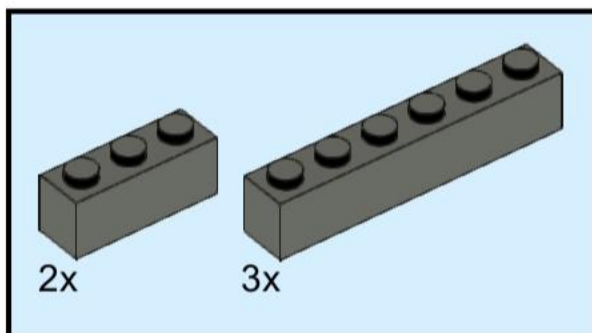
109



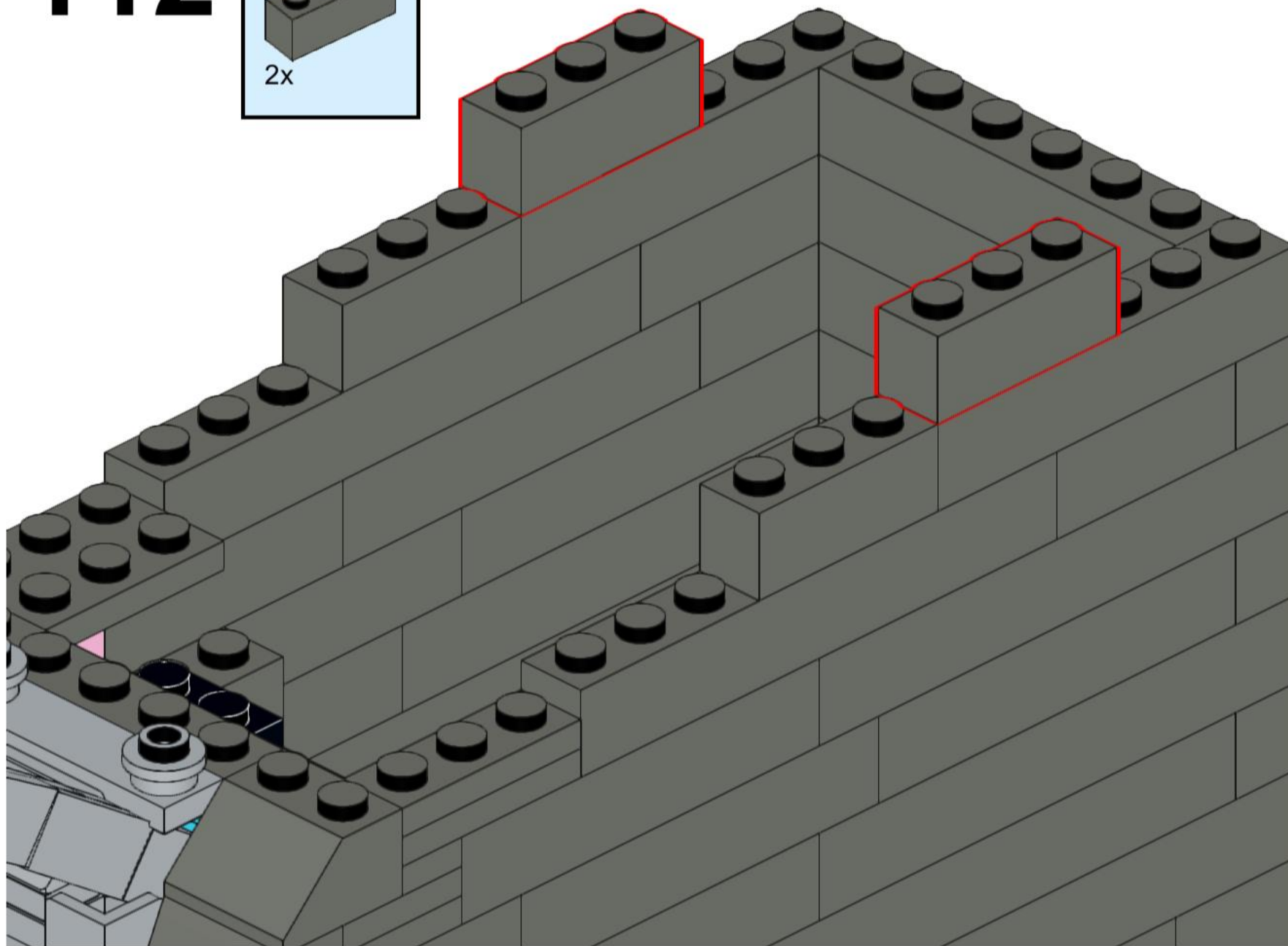
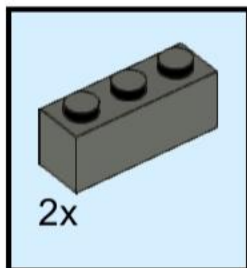
110



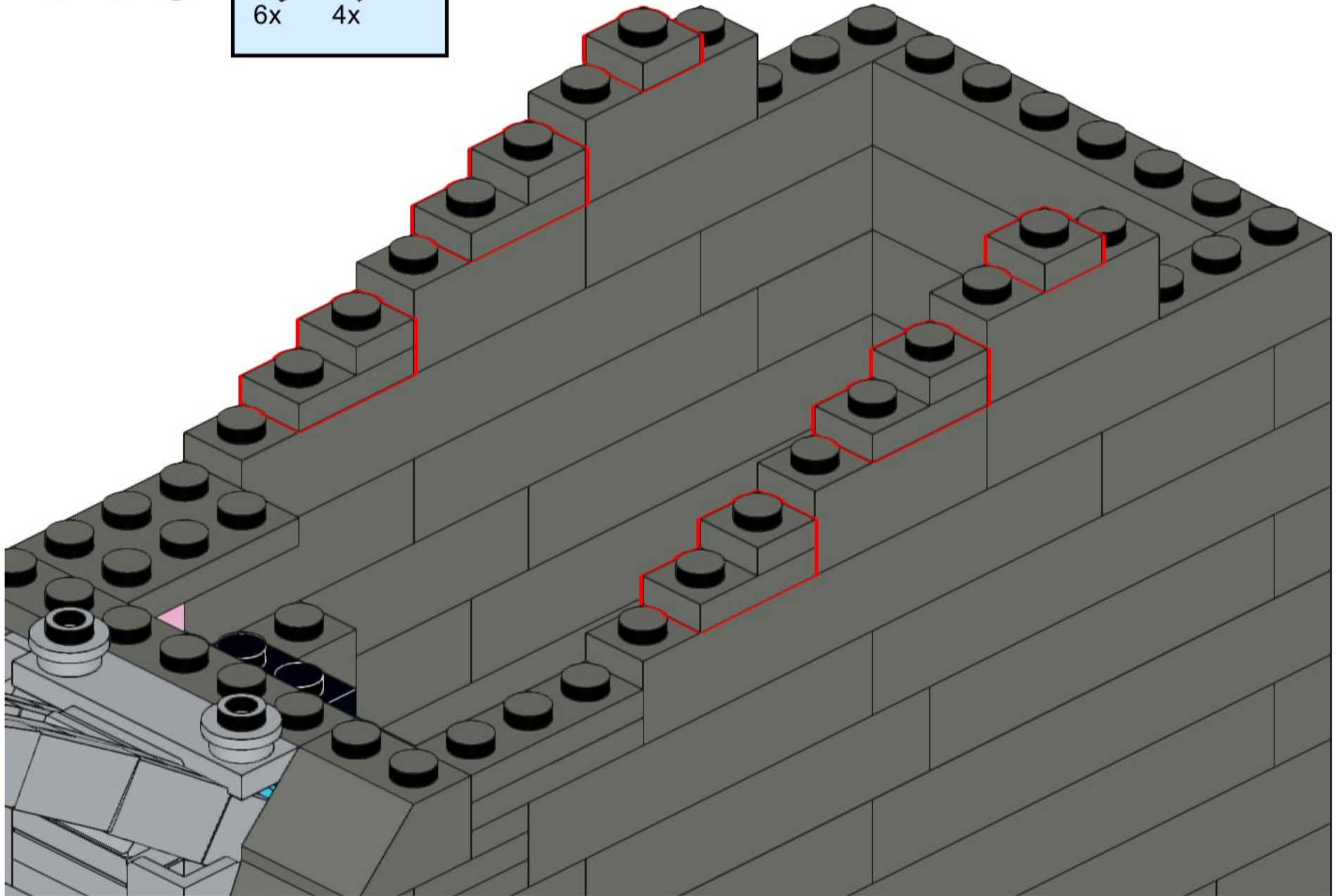
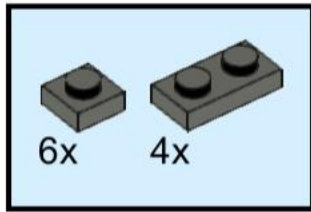
111



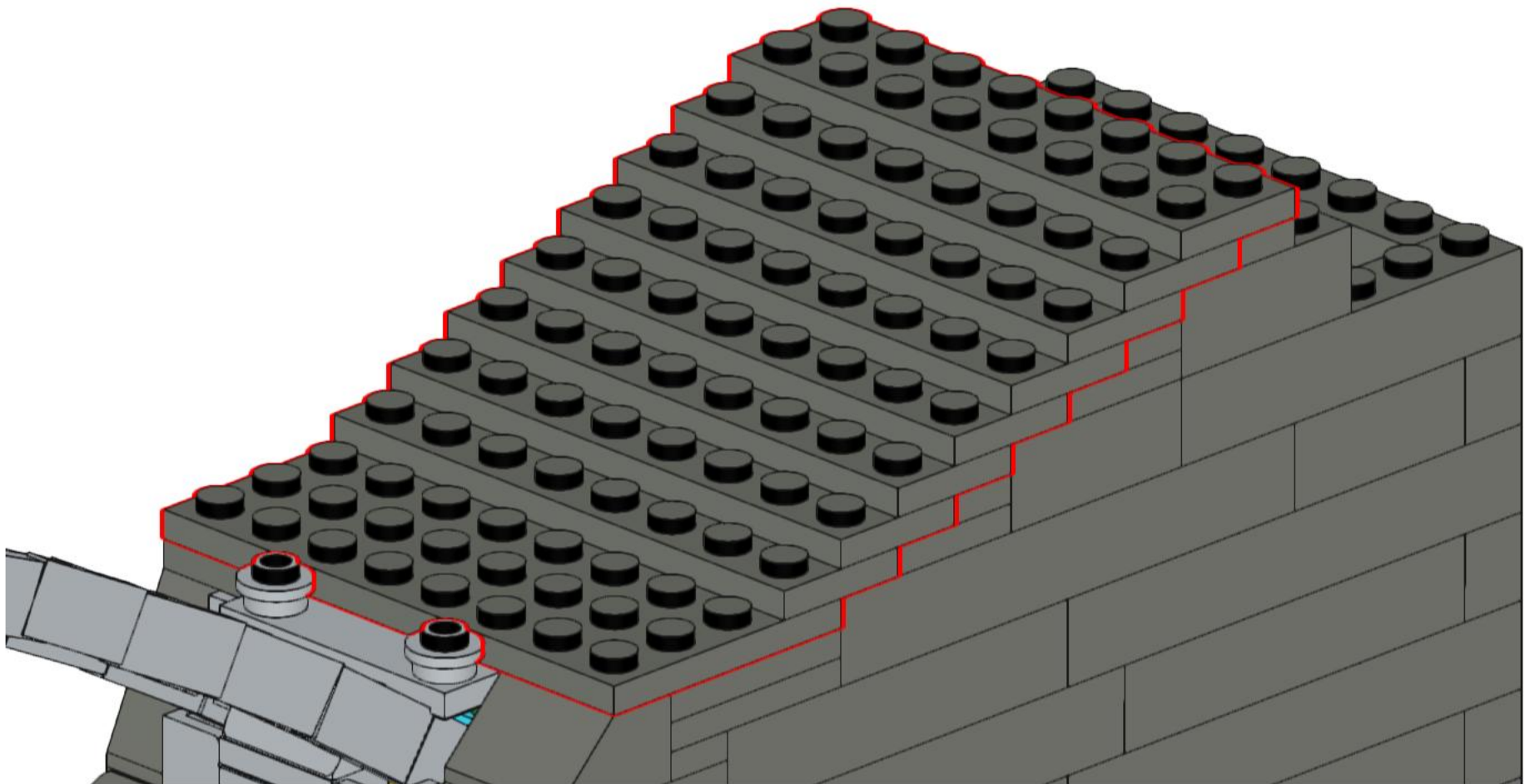
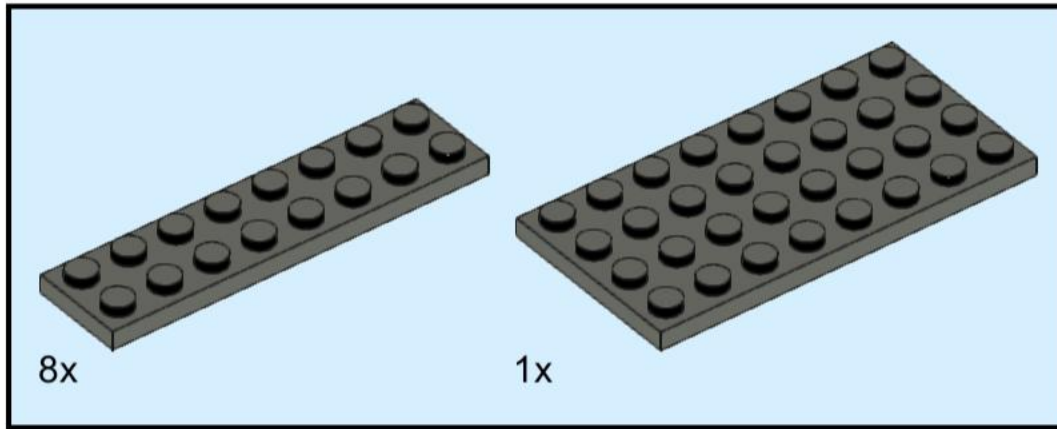
112



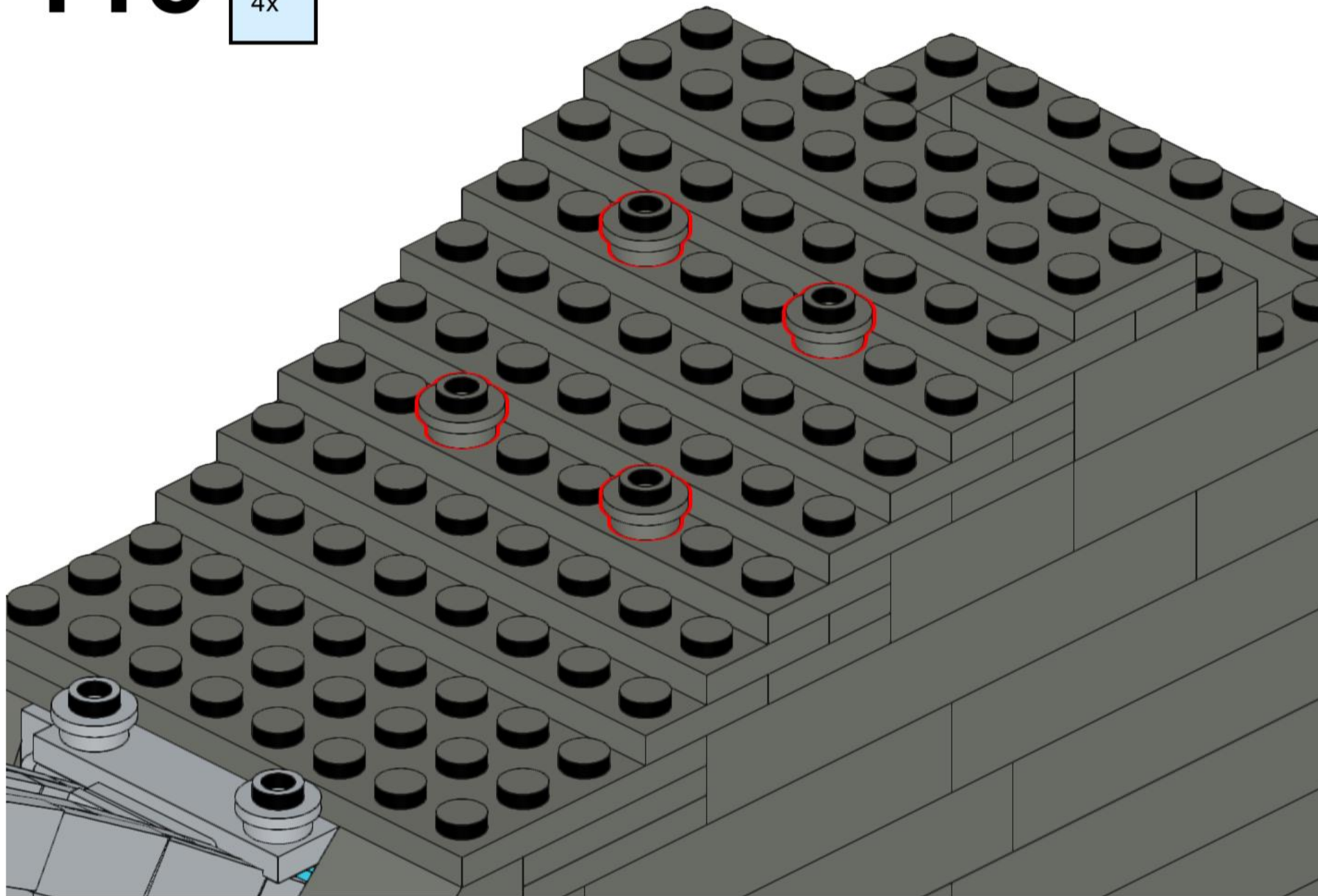
113



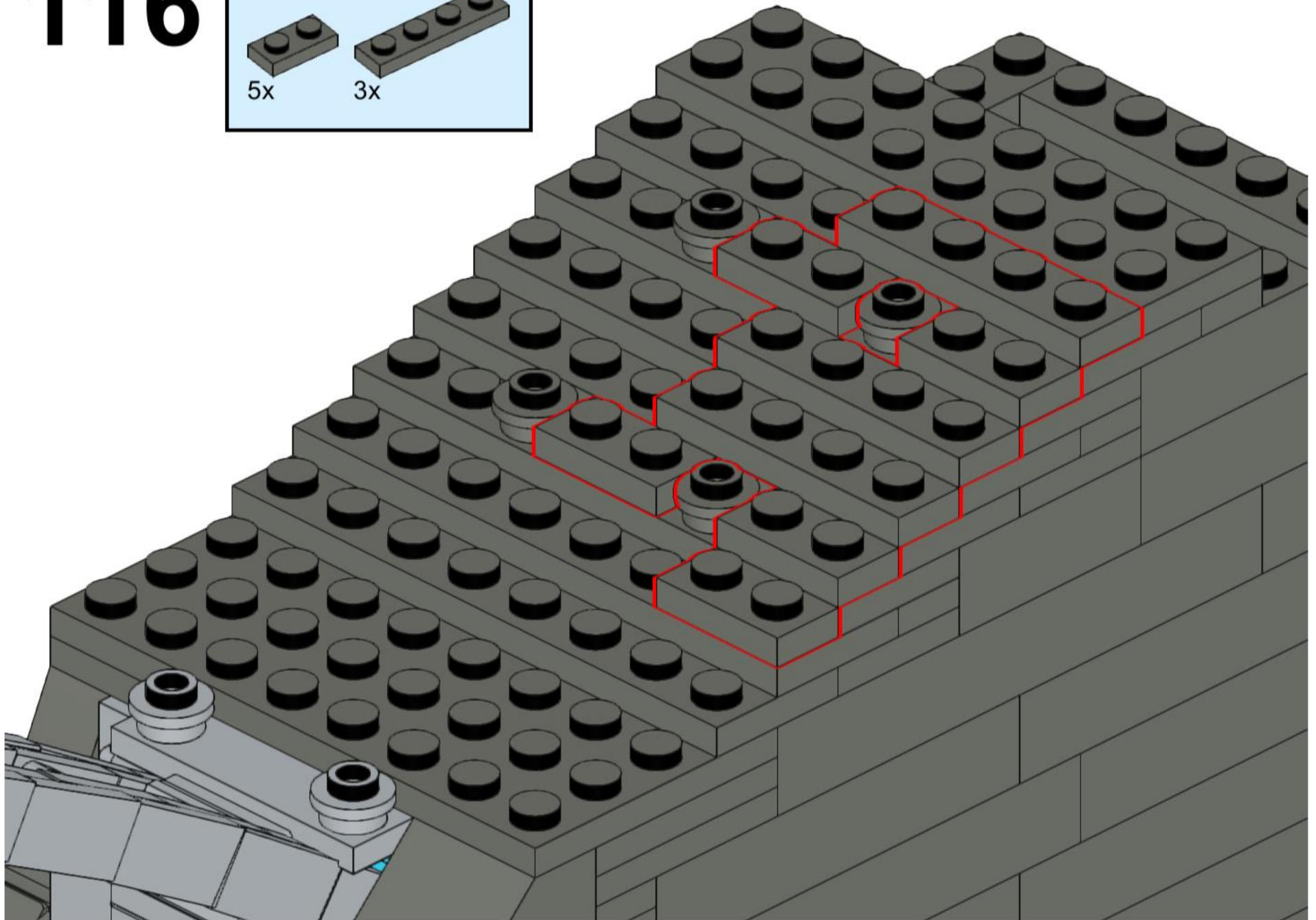
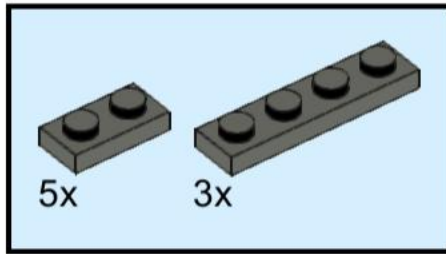
114



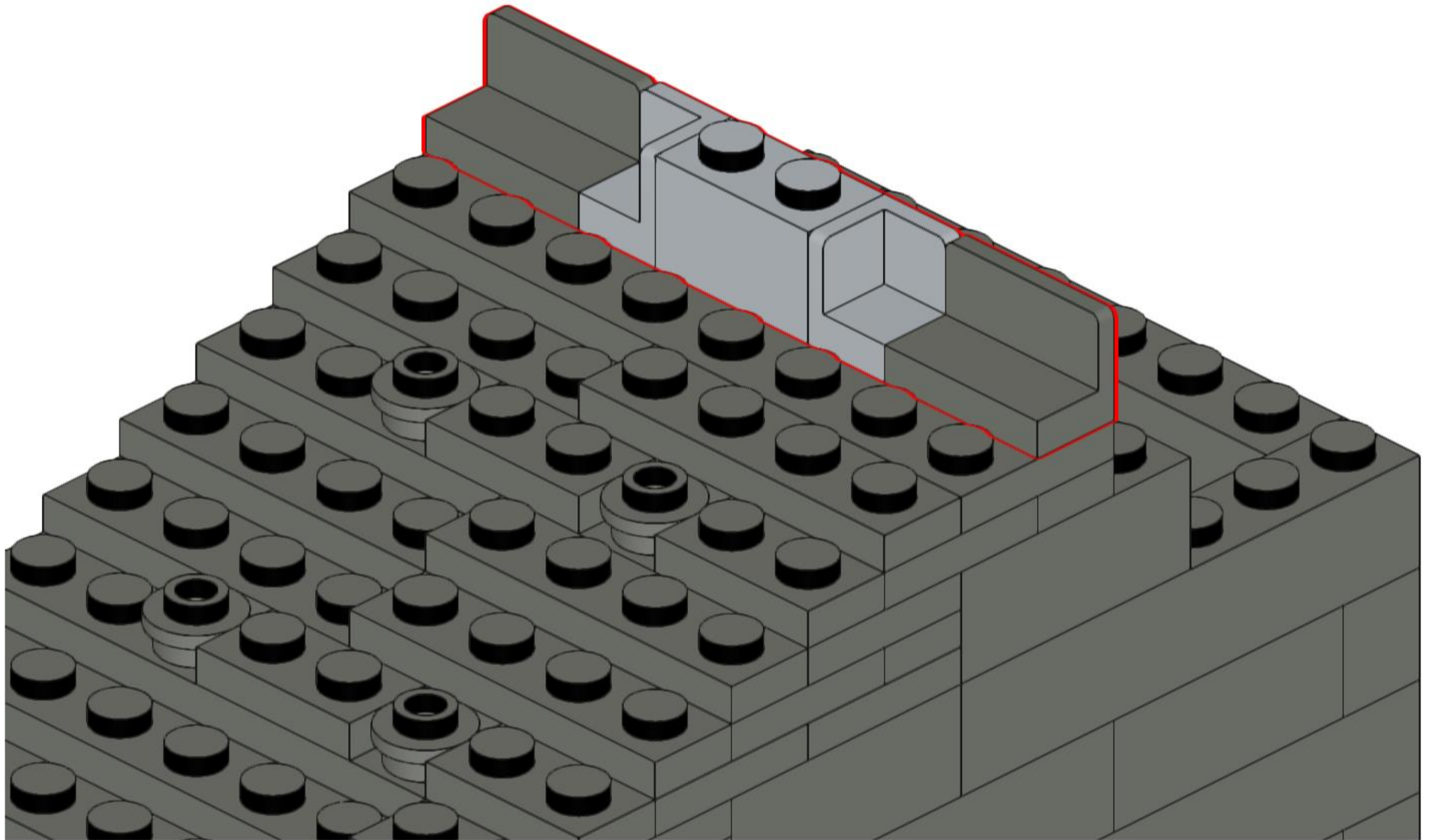
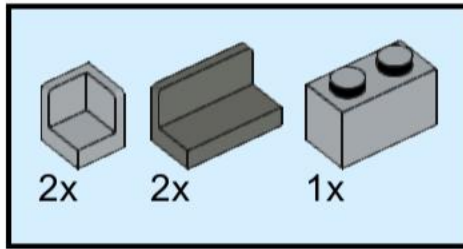
115



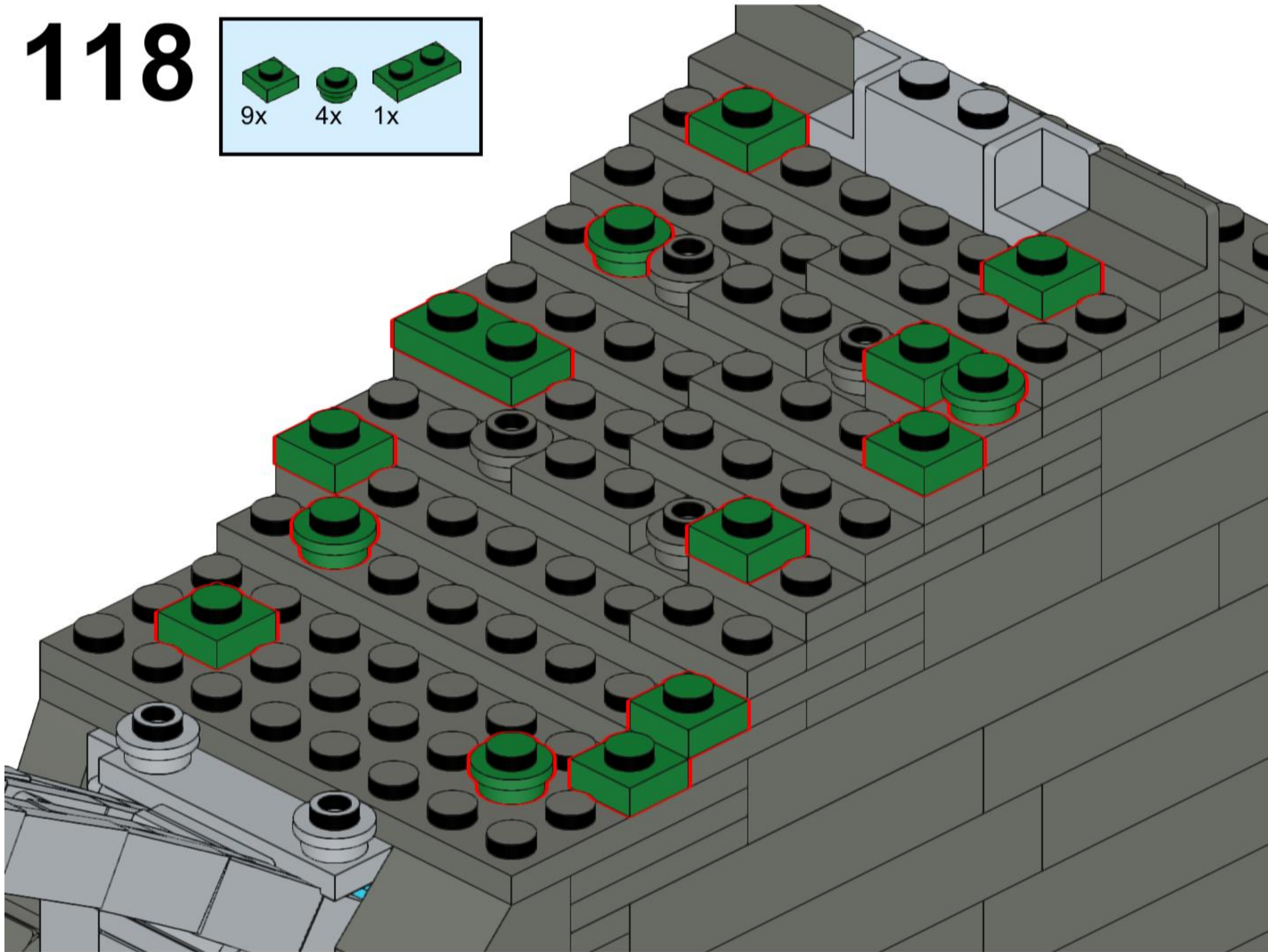
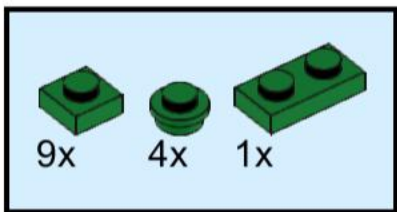
116



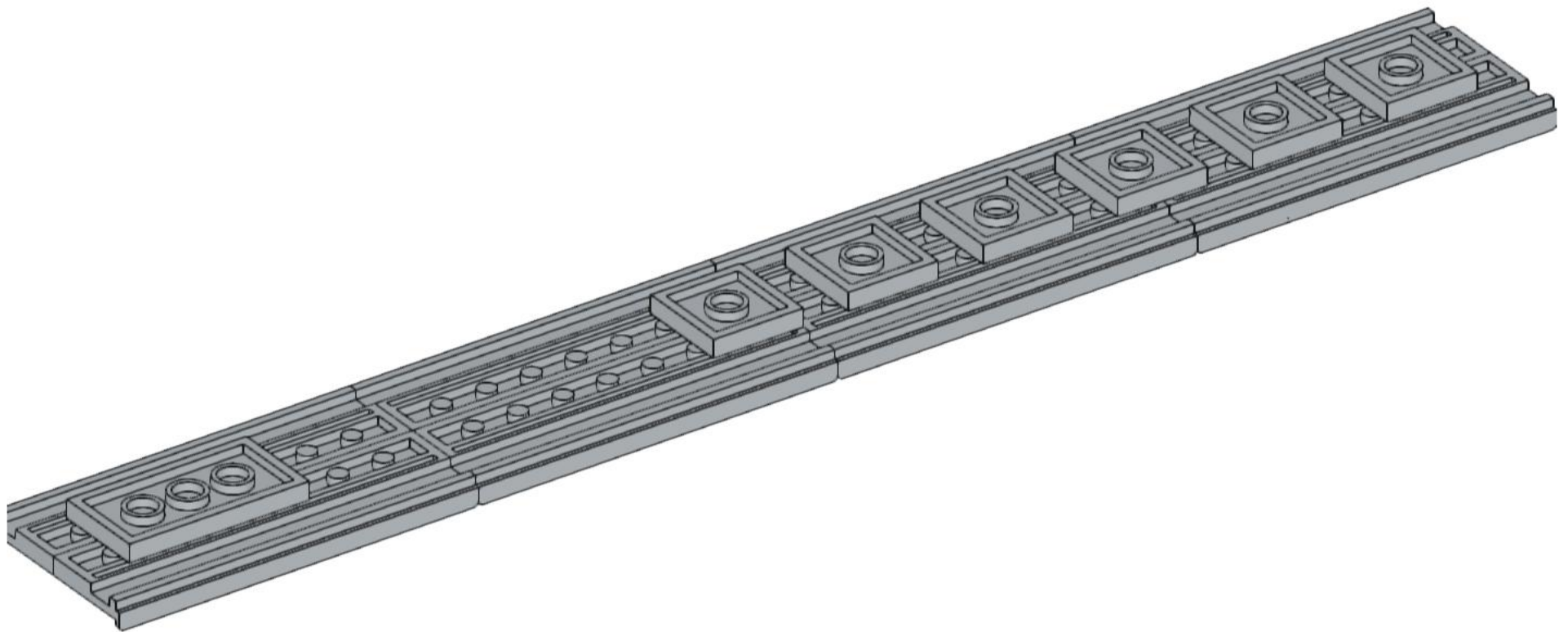
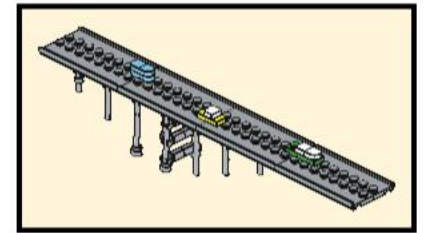
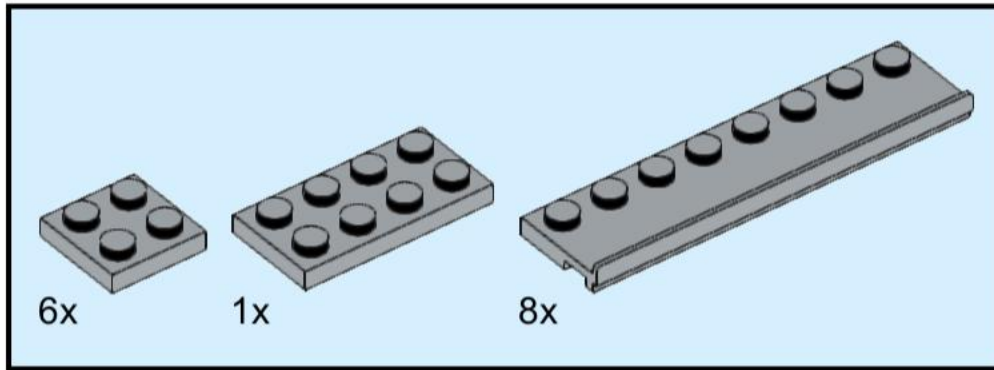
117



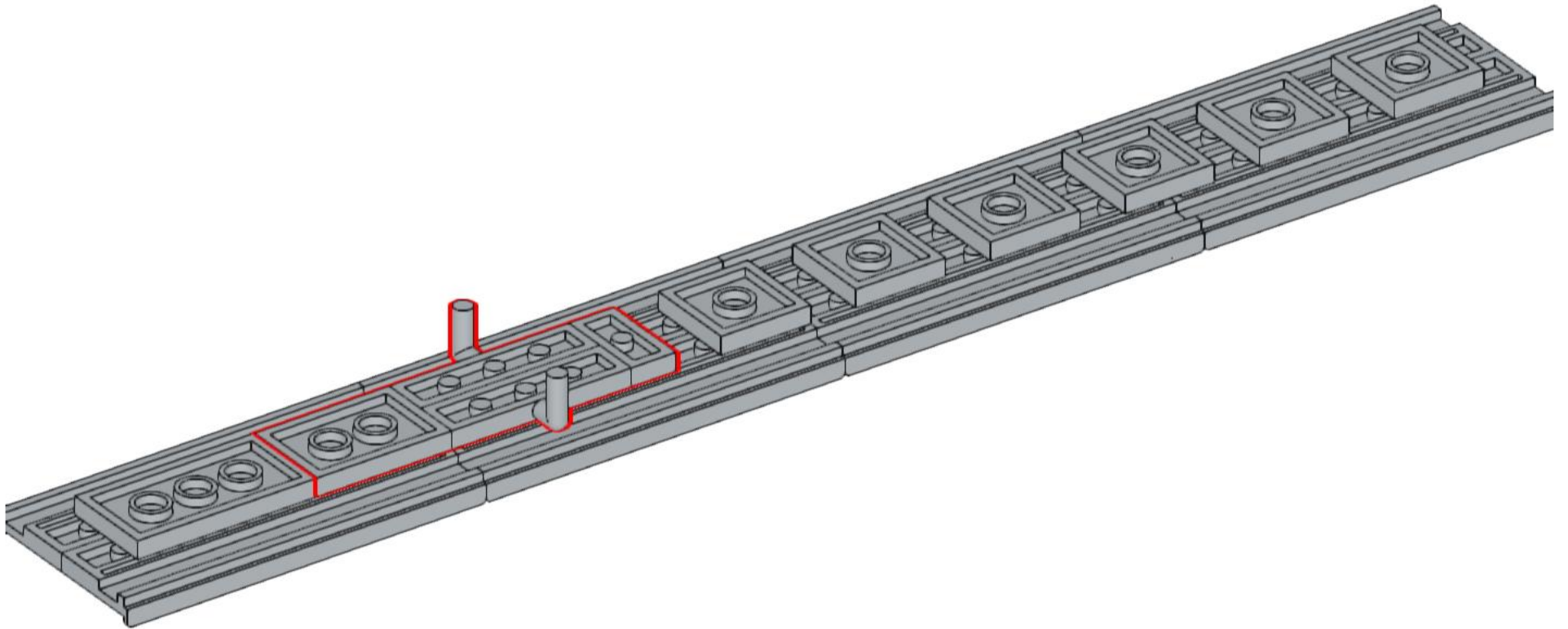
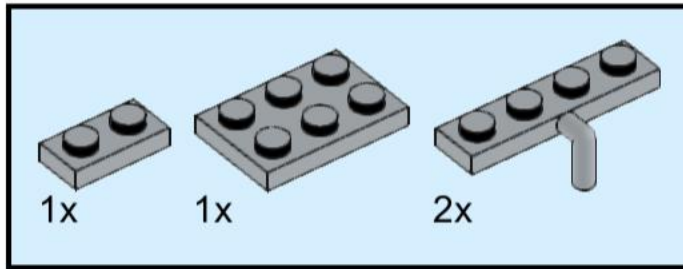
118



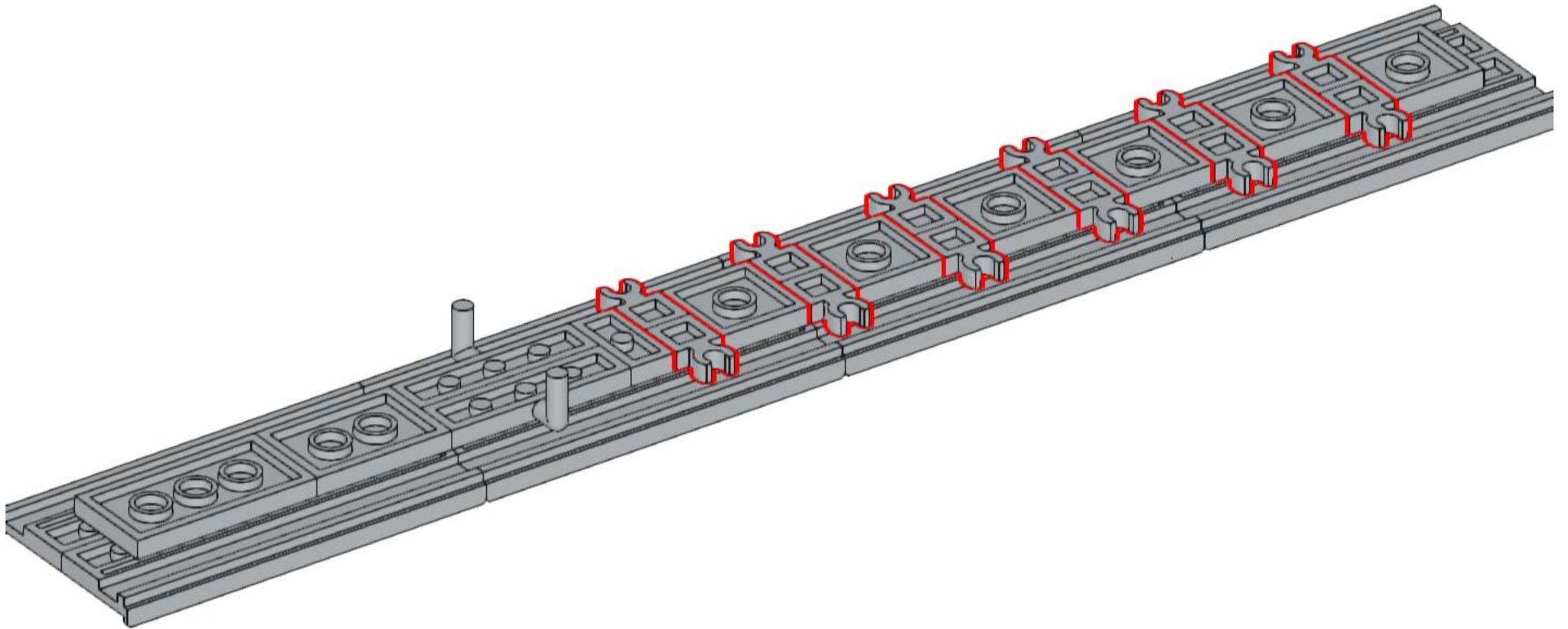
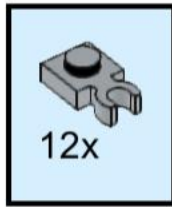
119



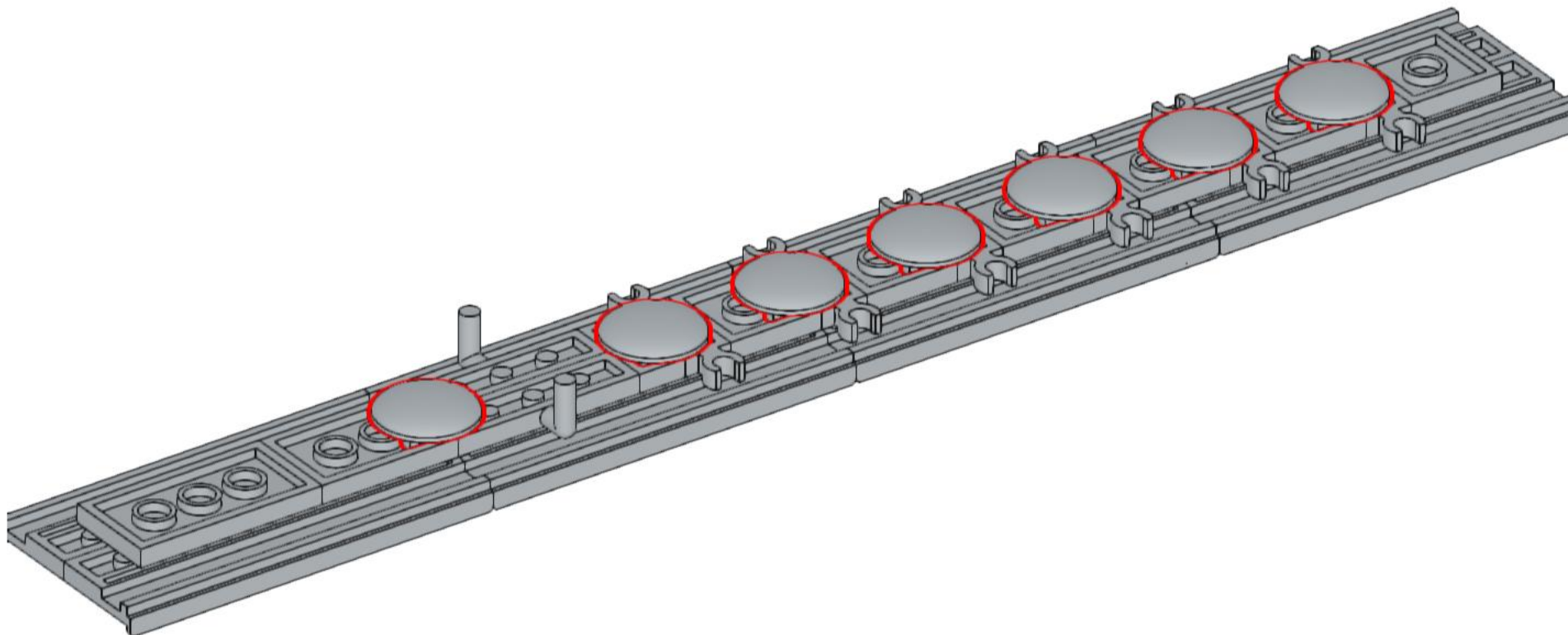
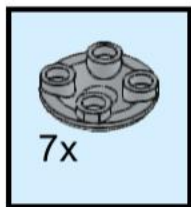
120



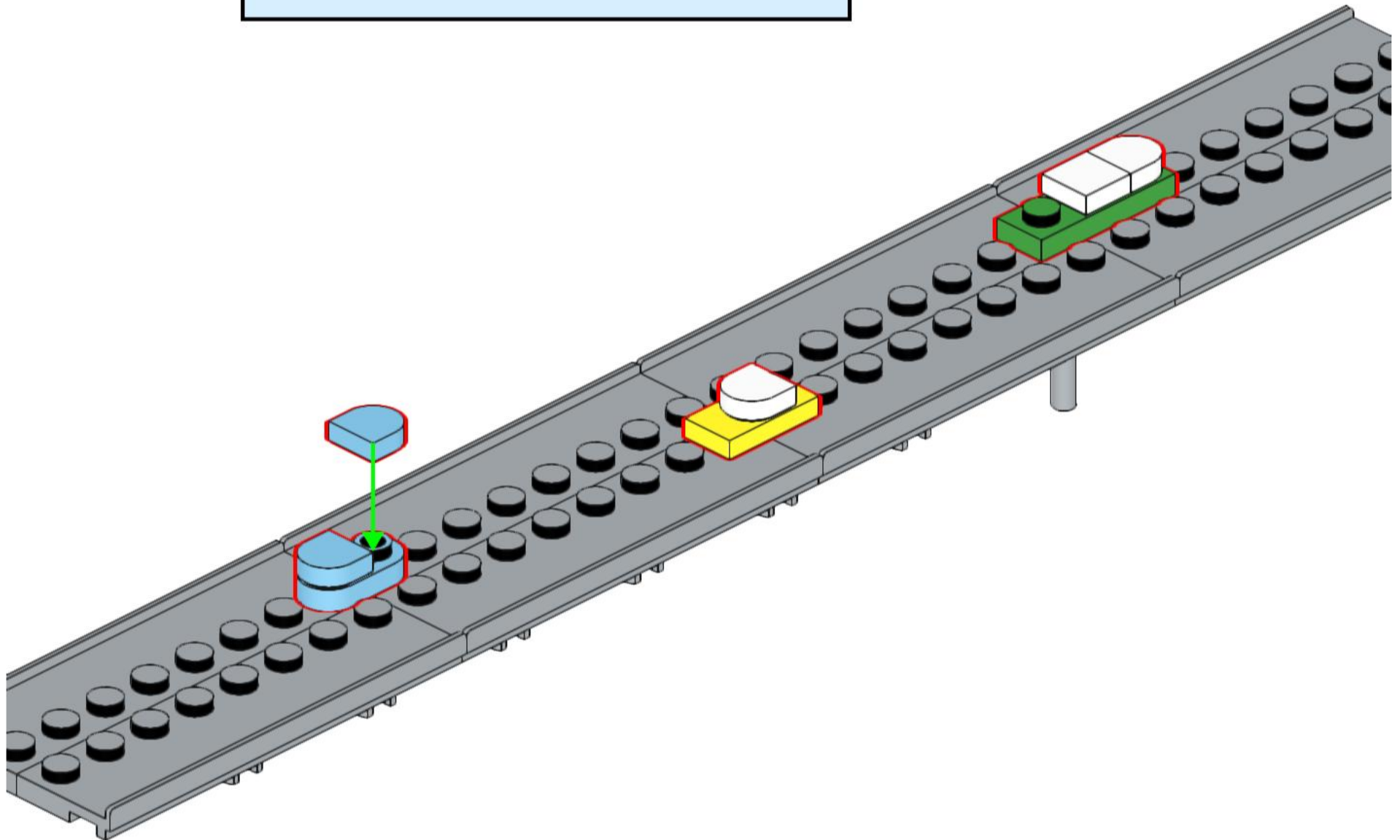
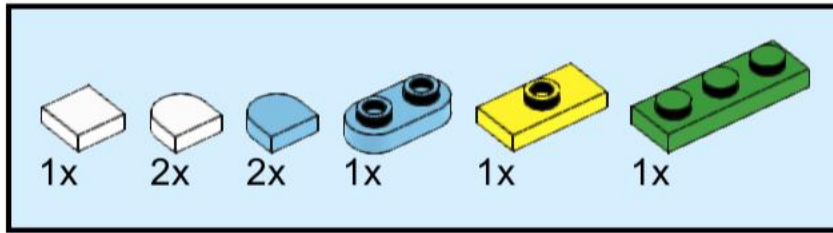
121



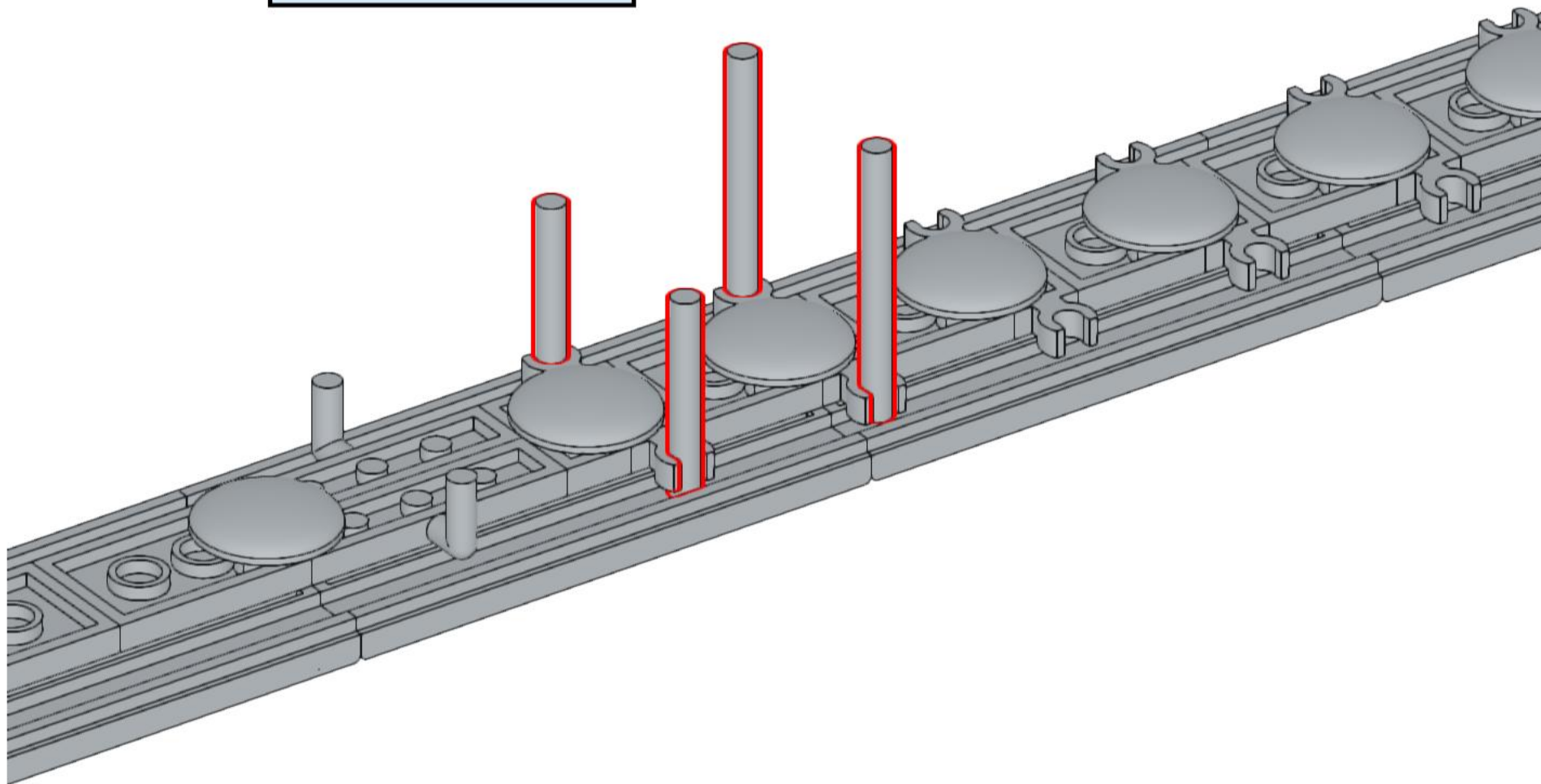
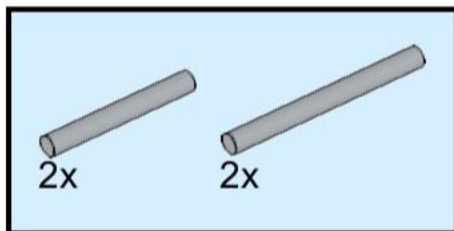
122



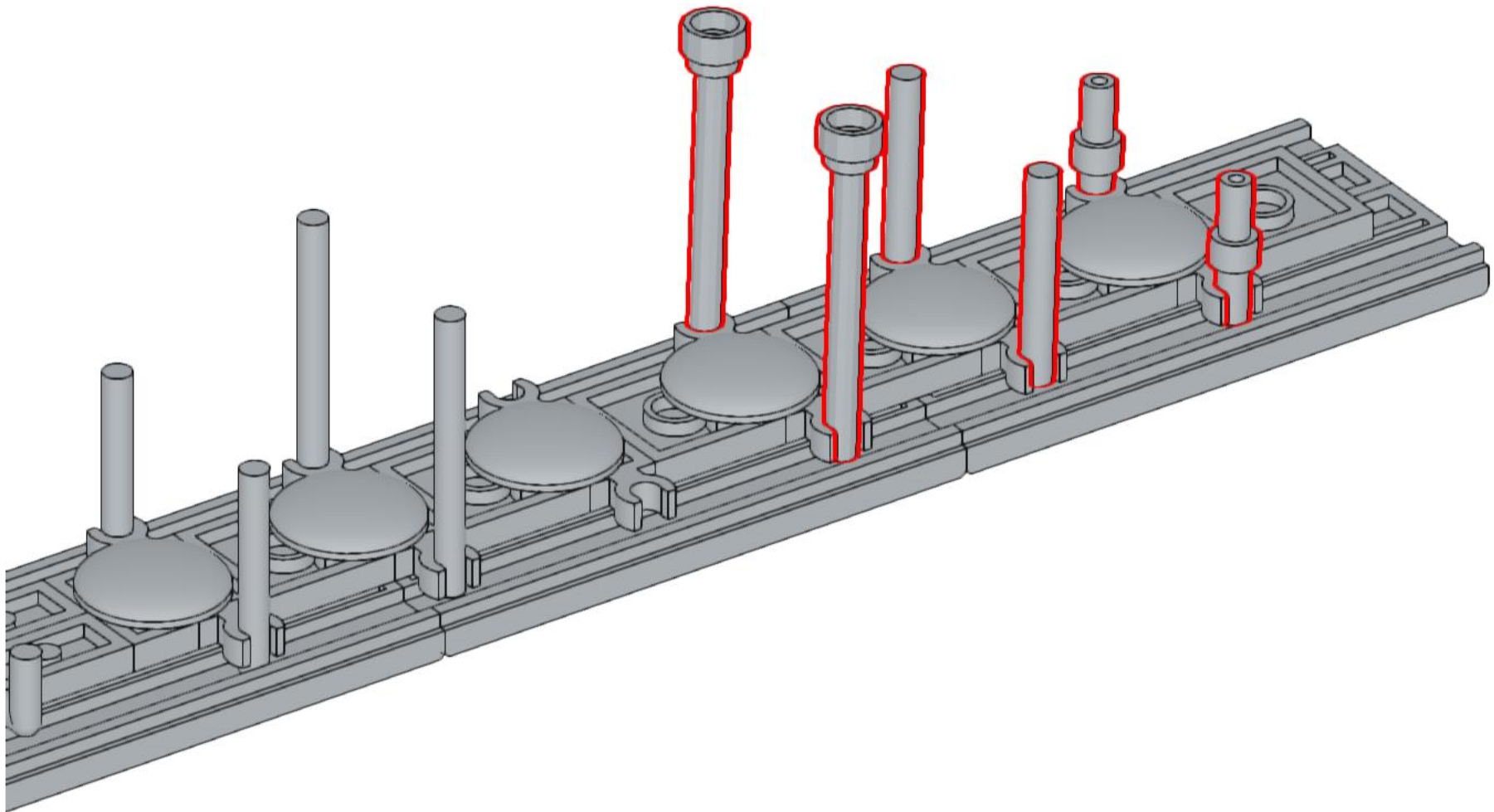
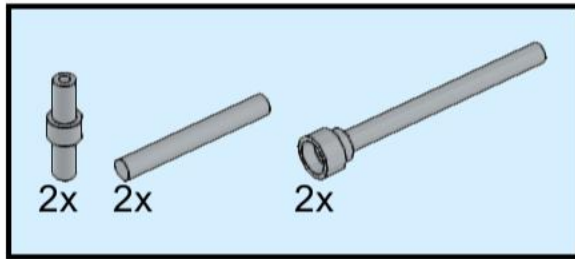
123



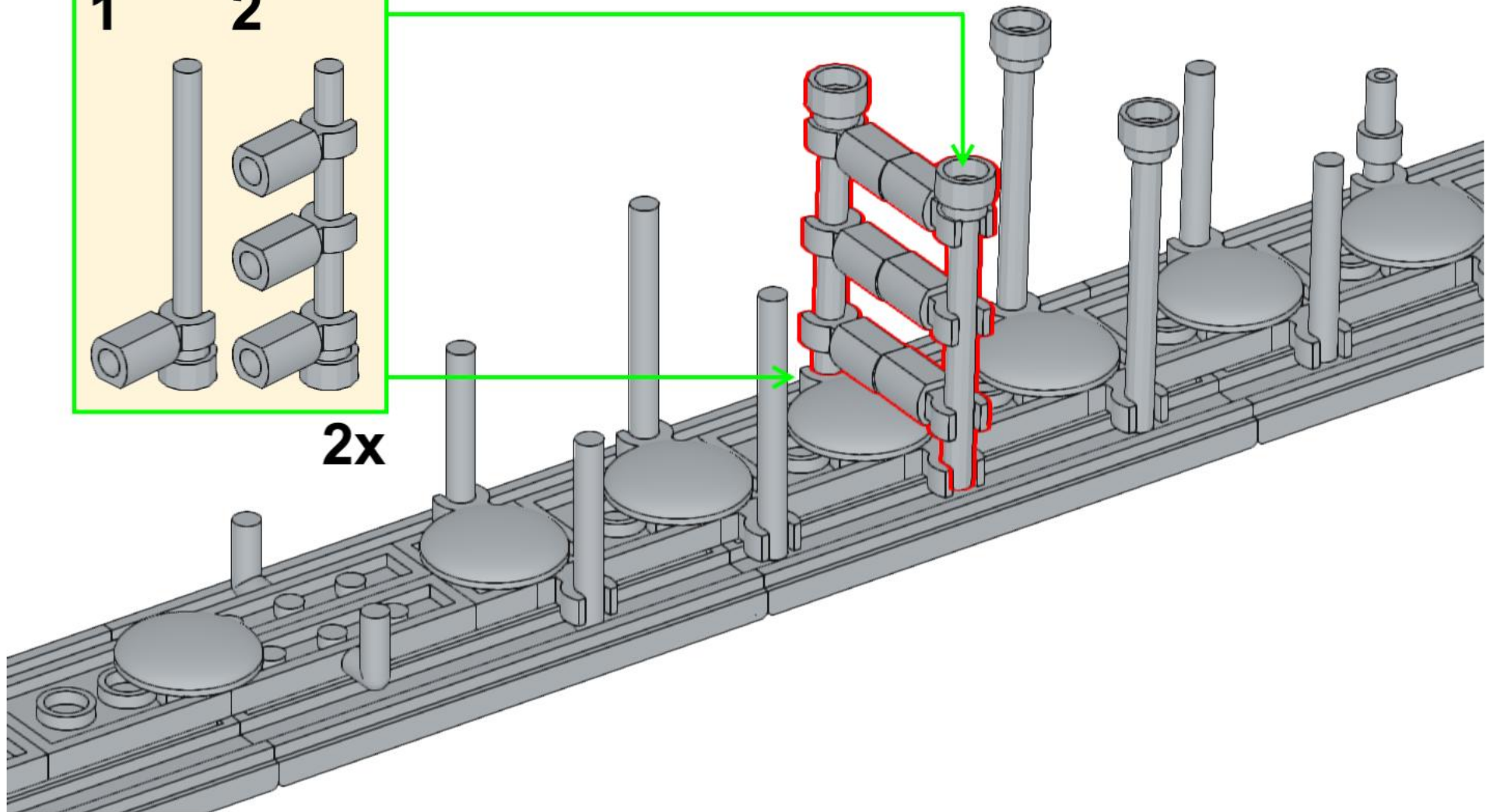
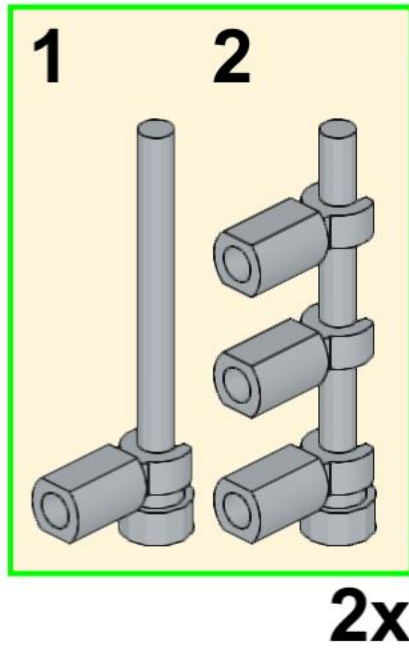
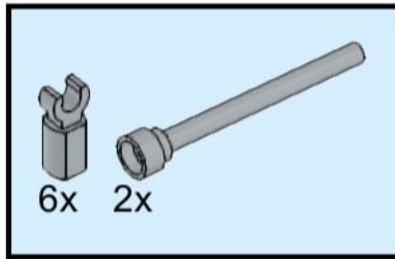
124



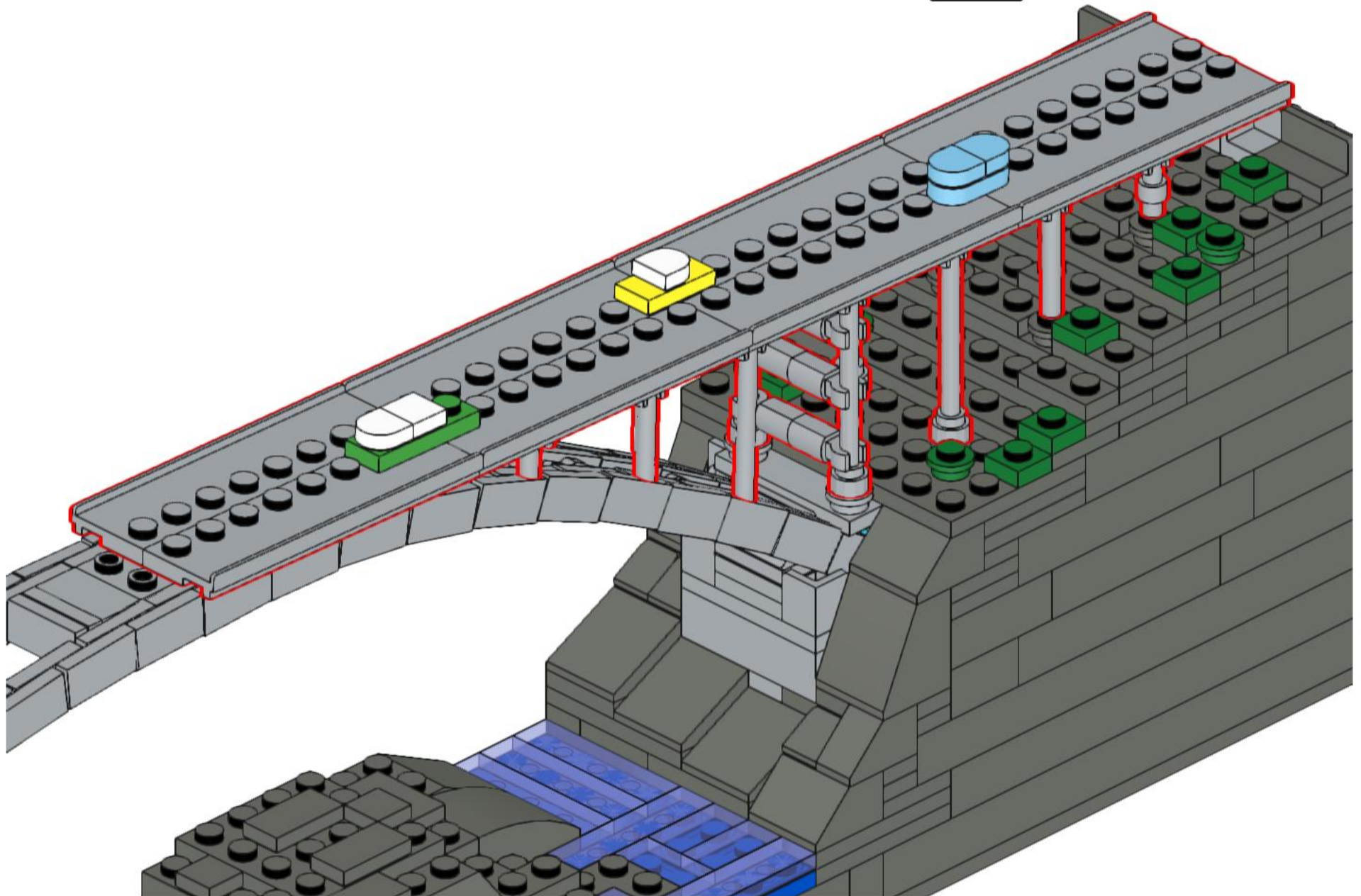
125



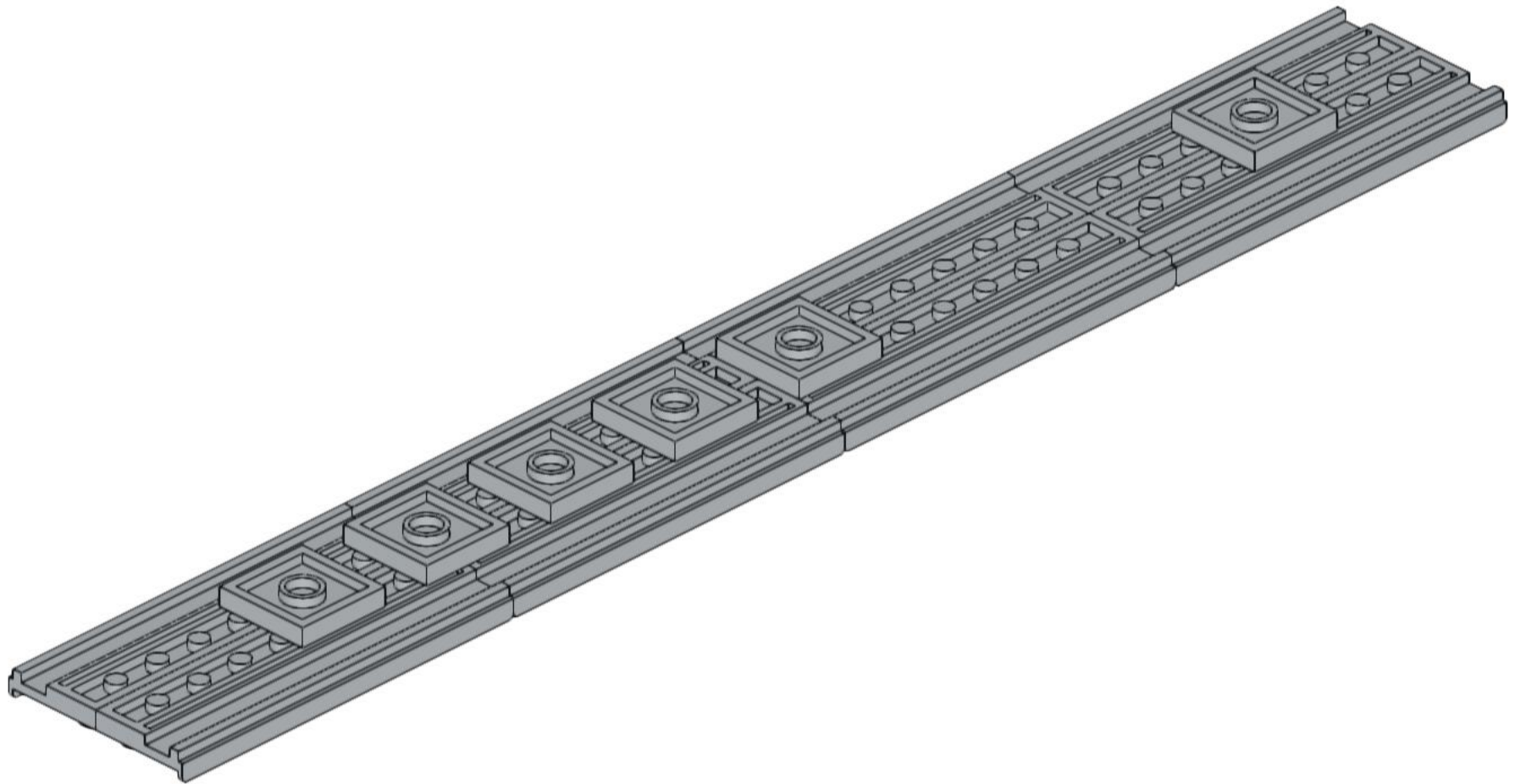
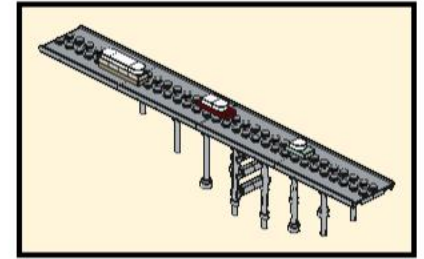
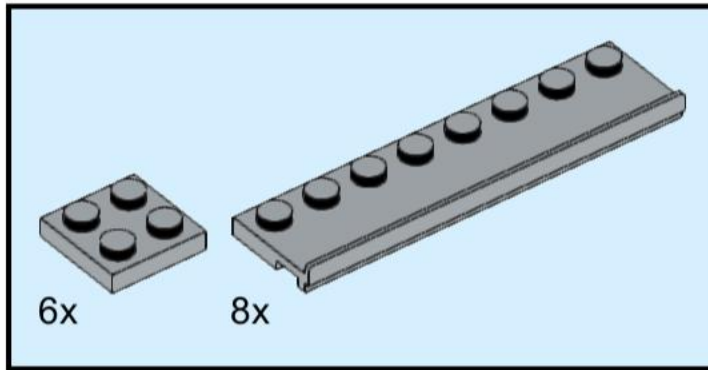
126



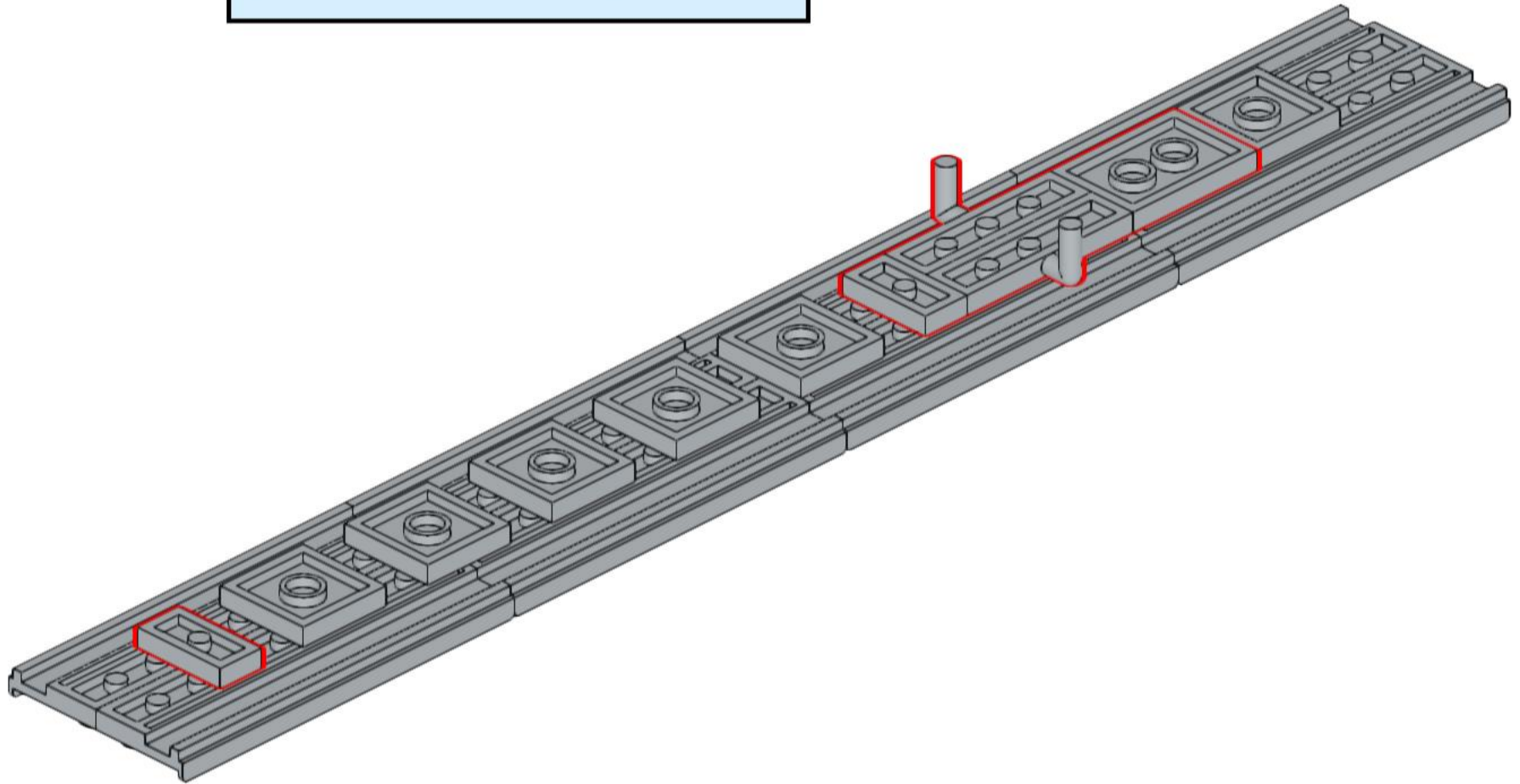
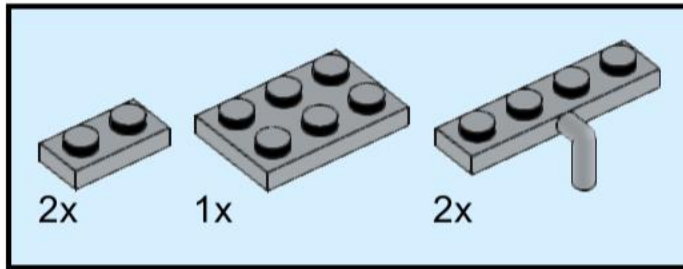
127



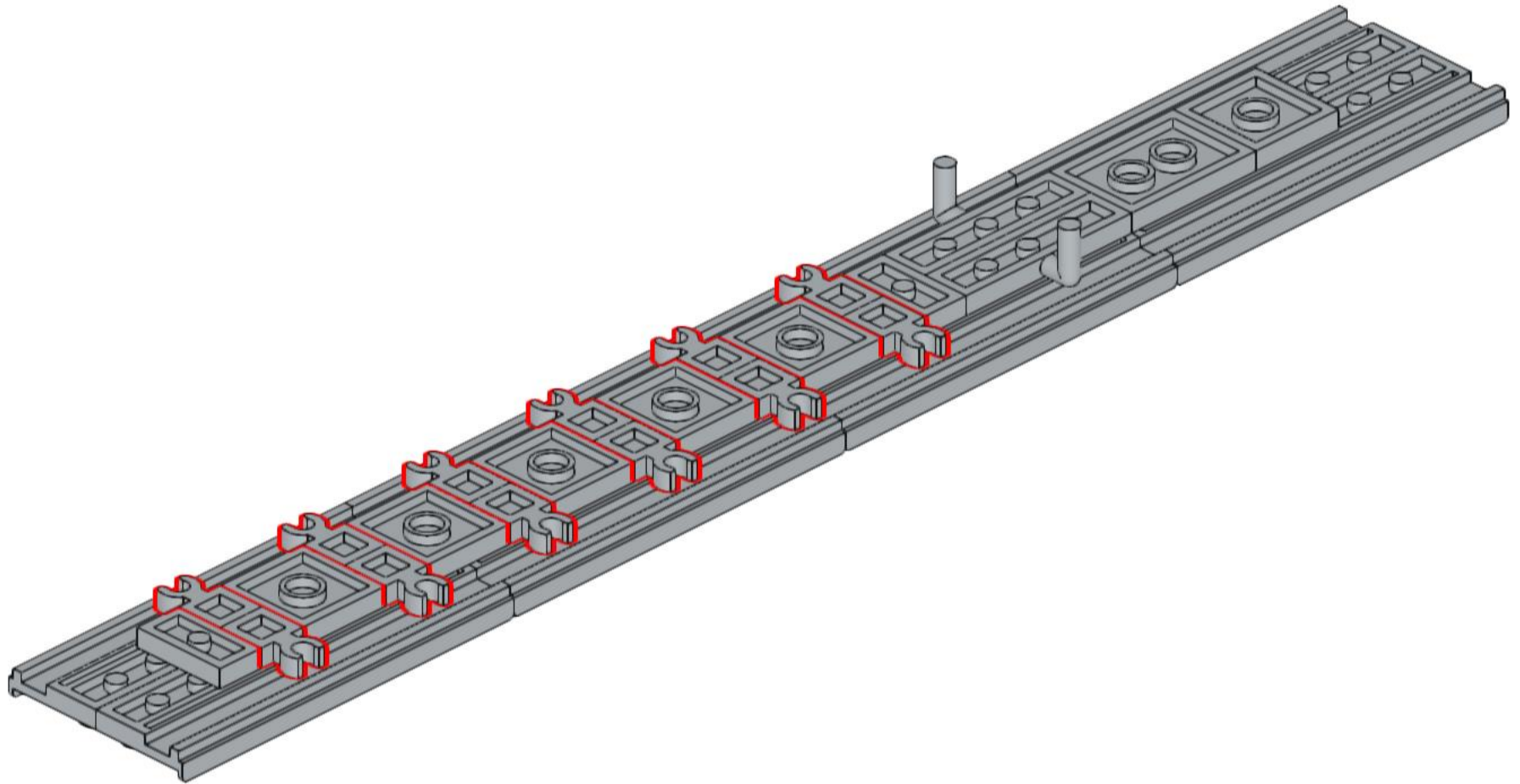
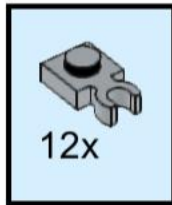
128



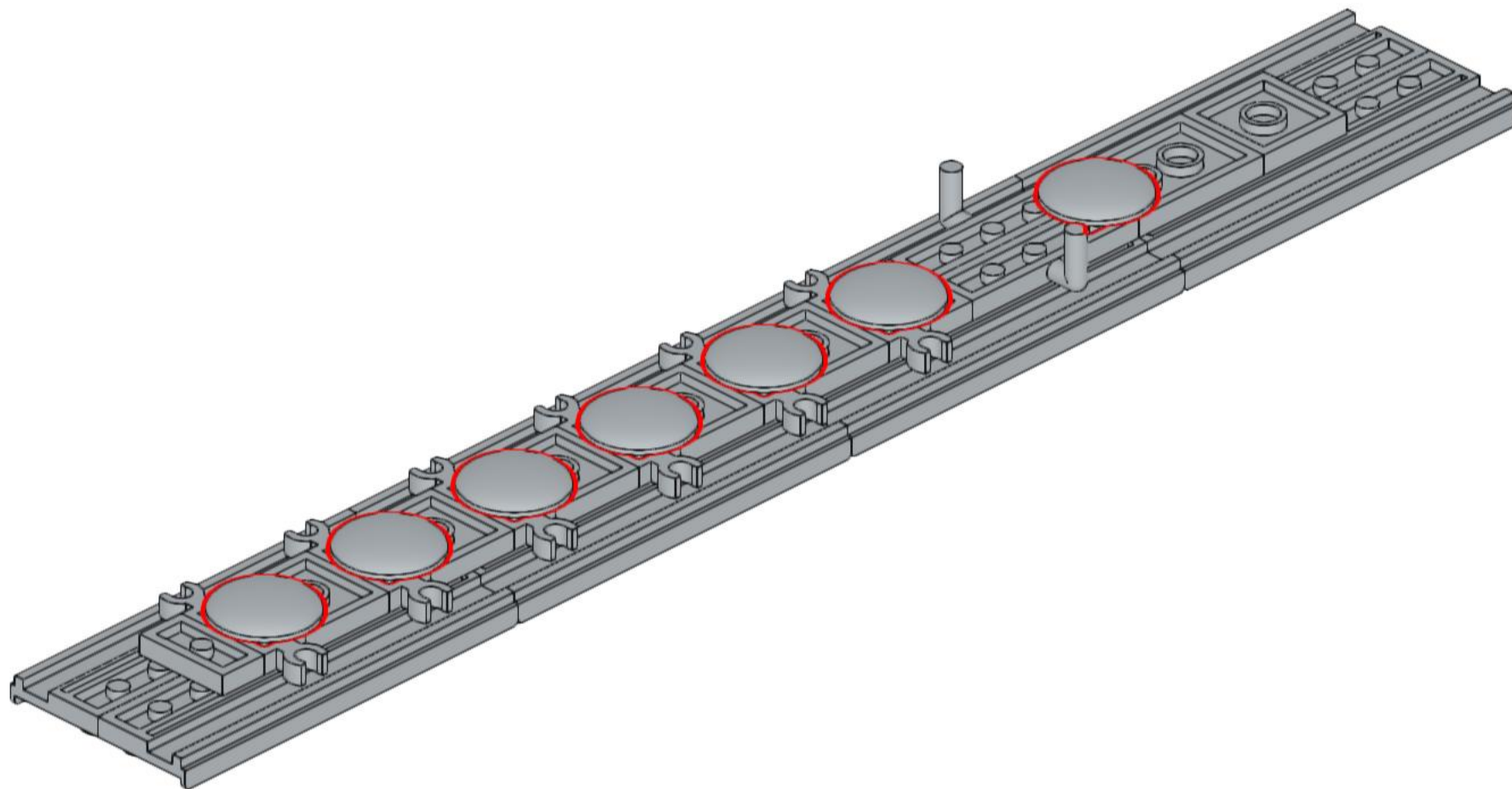
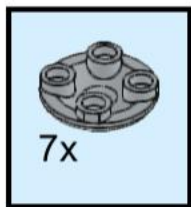
129



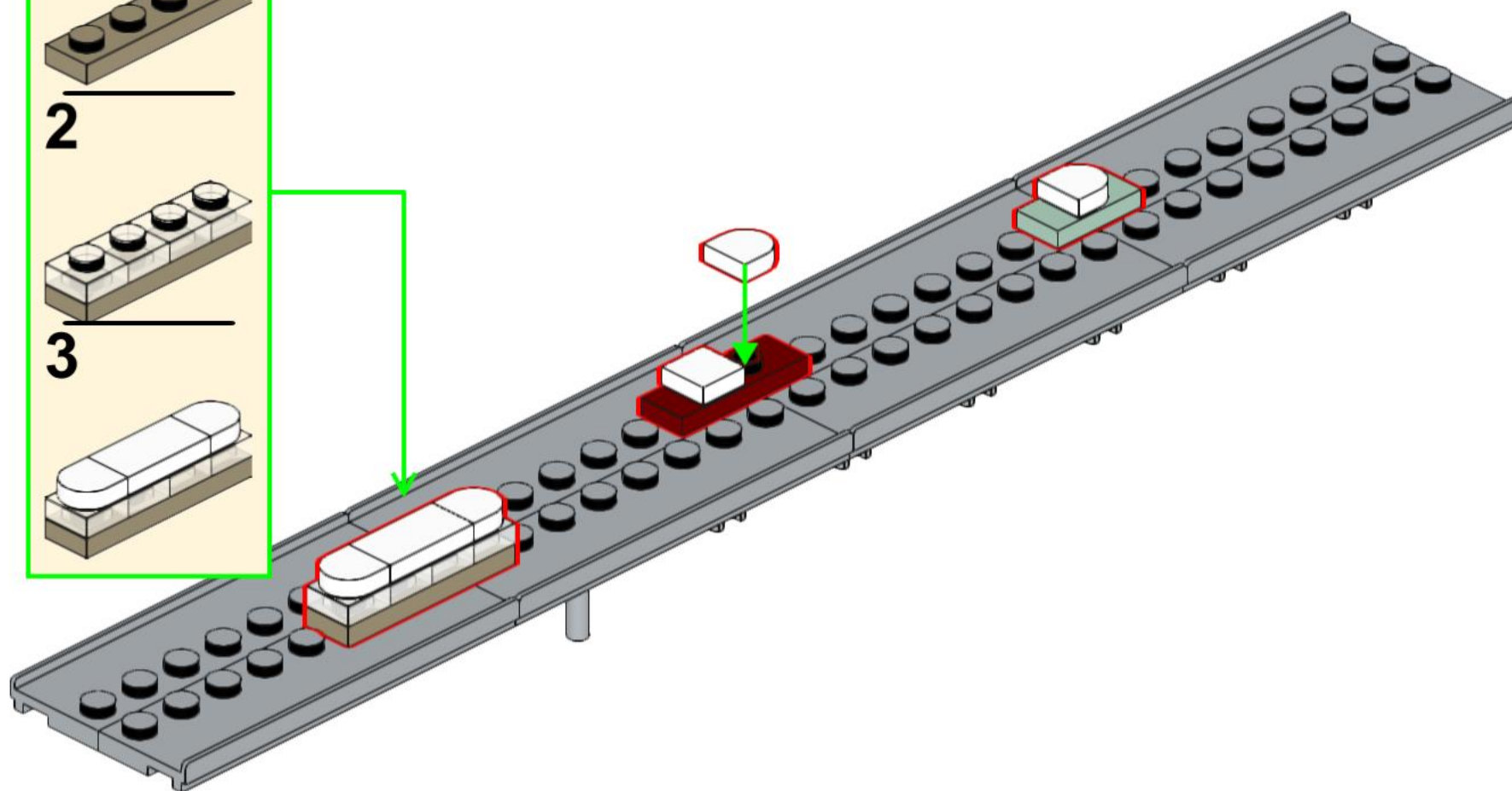
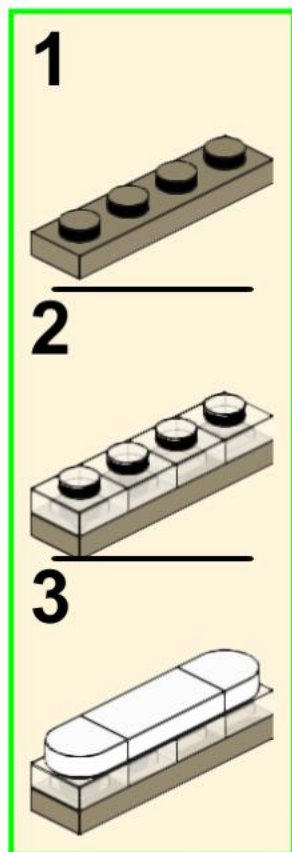
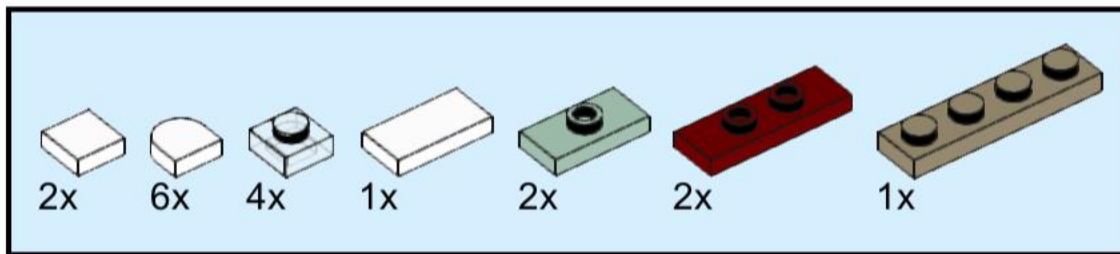
130



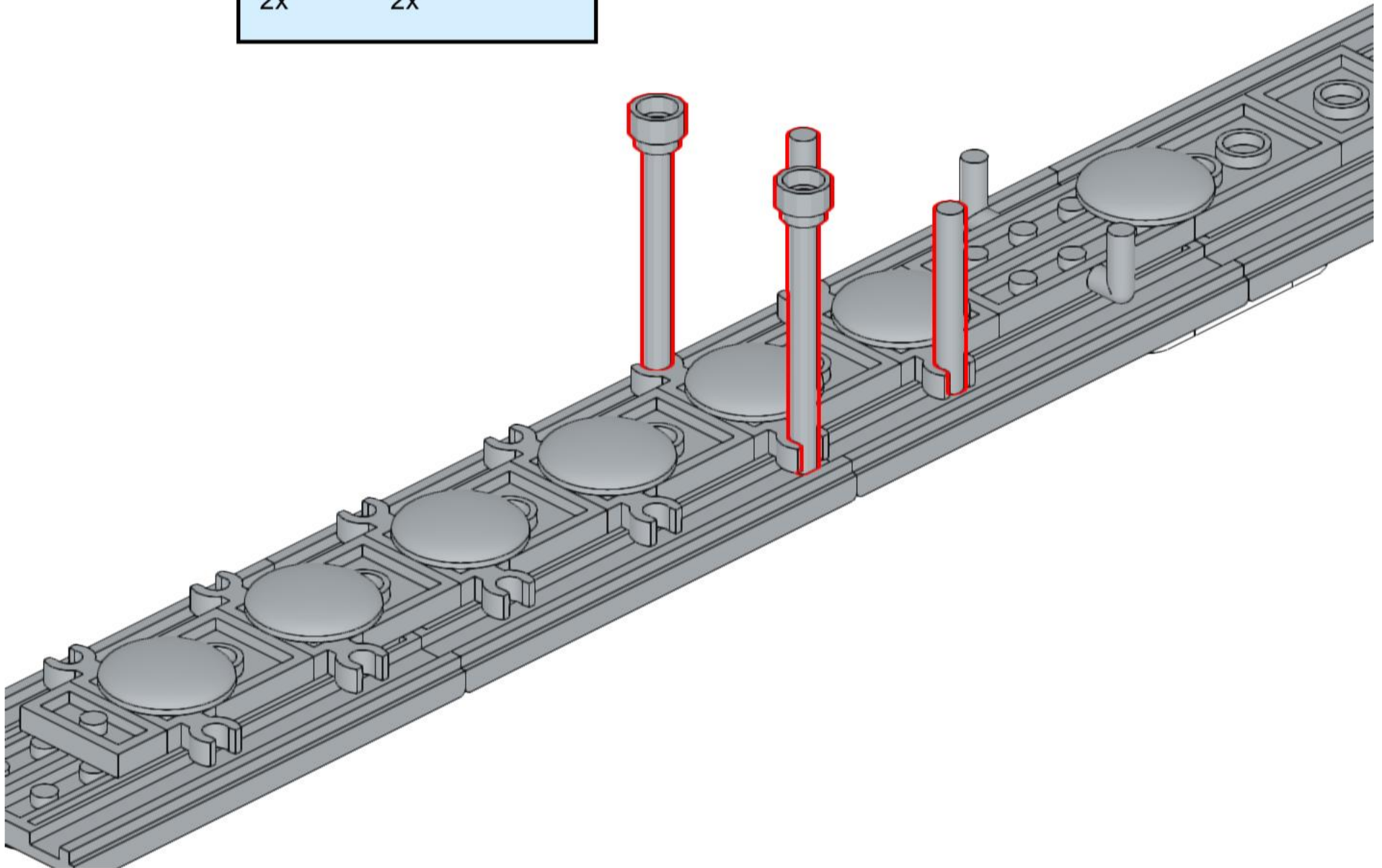
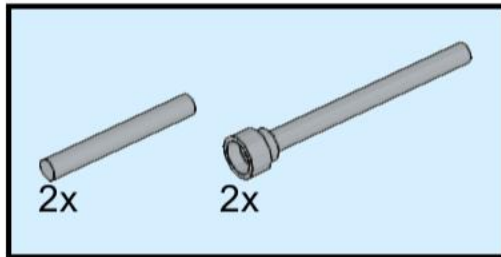
131



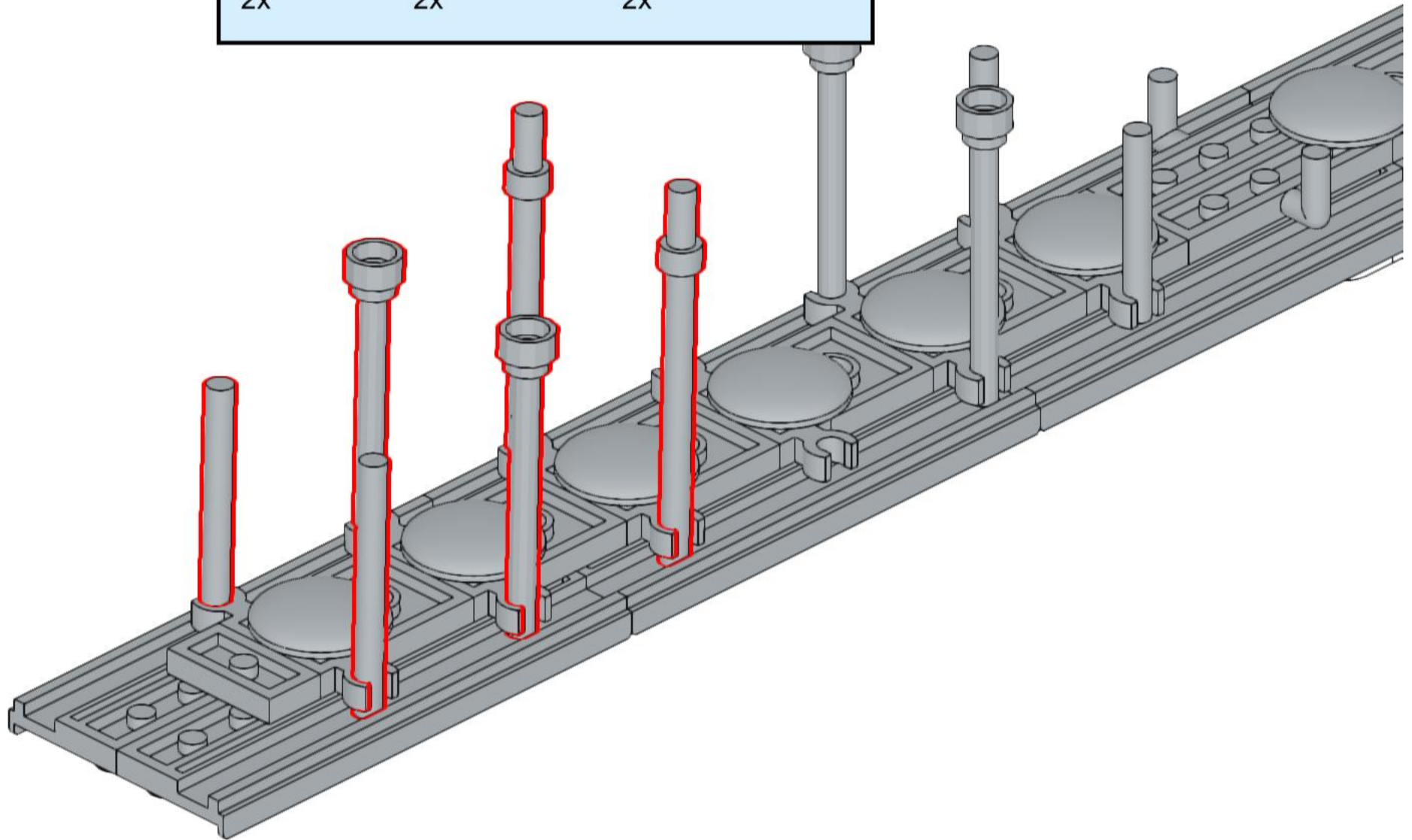
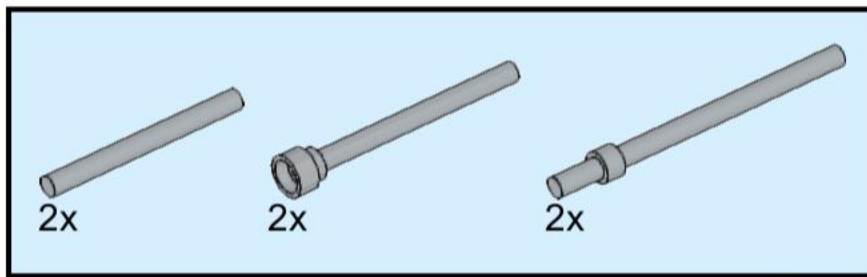
132



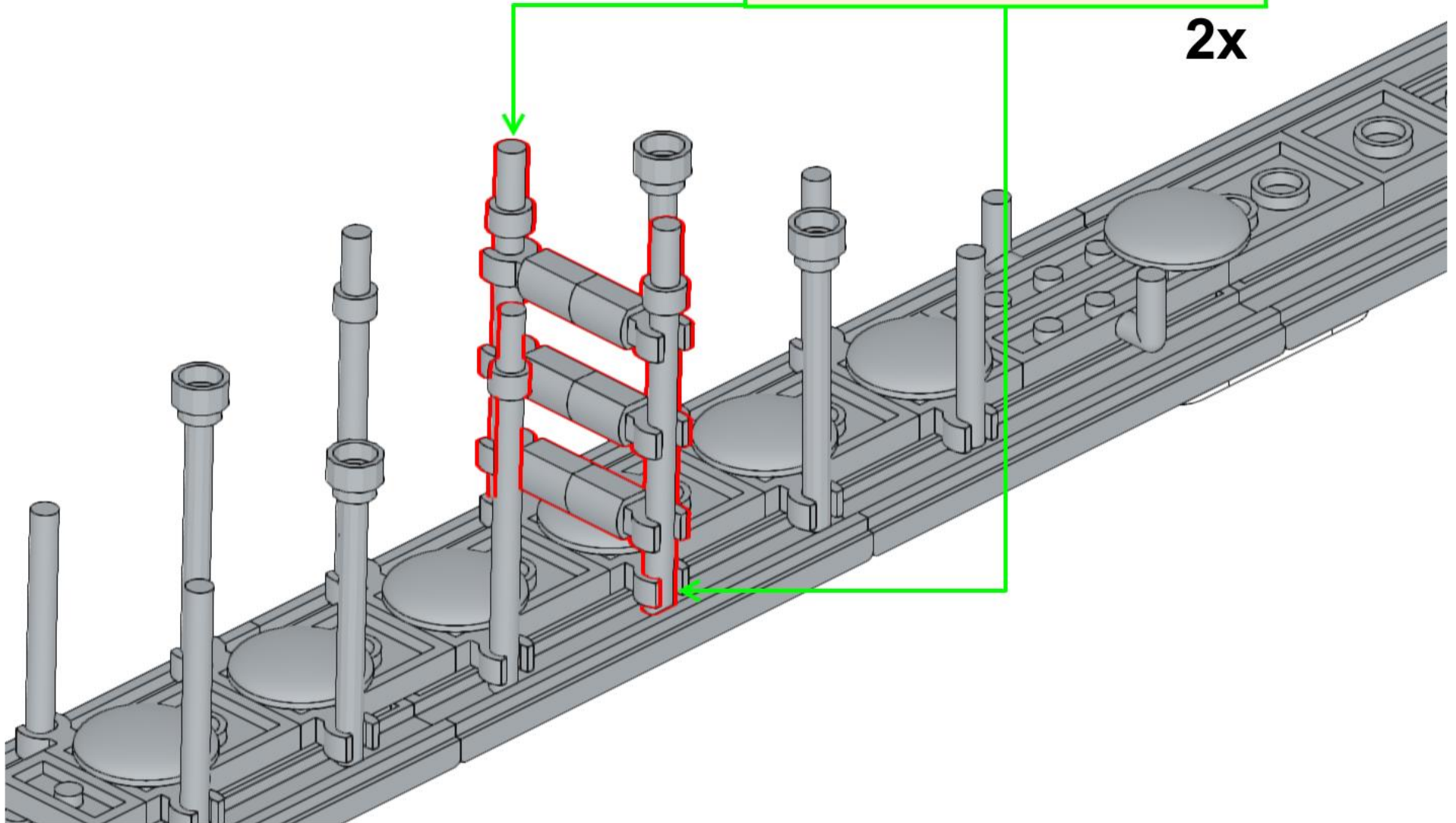
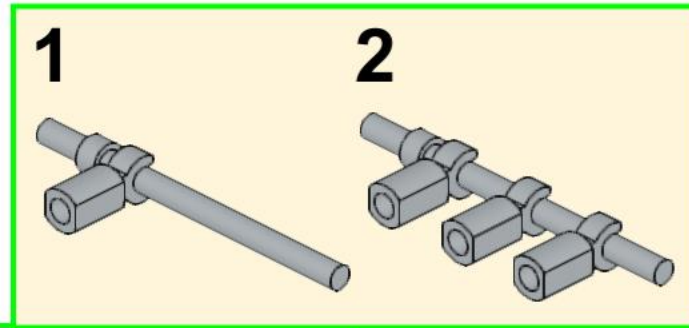
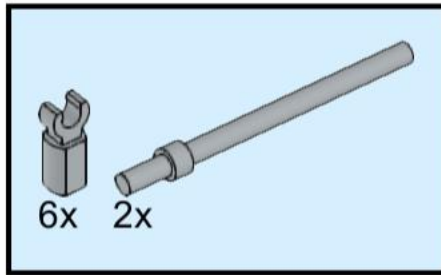
133



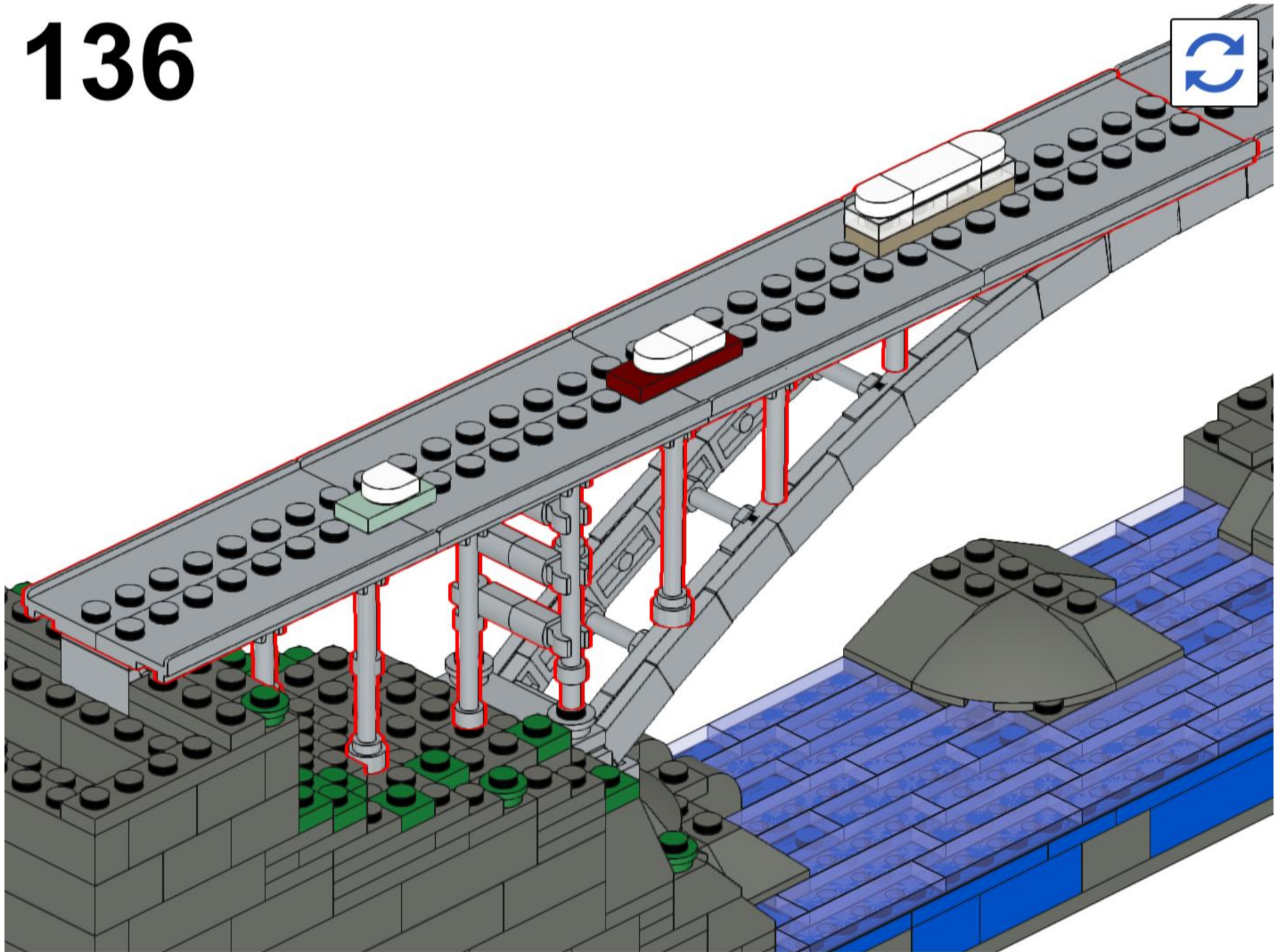
134



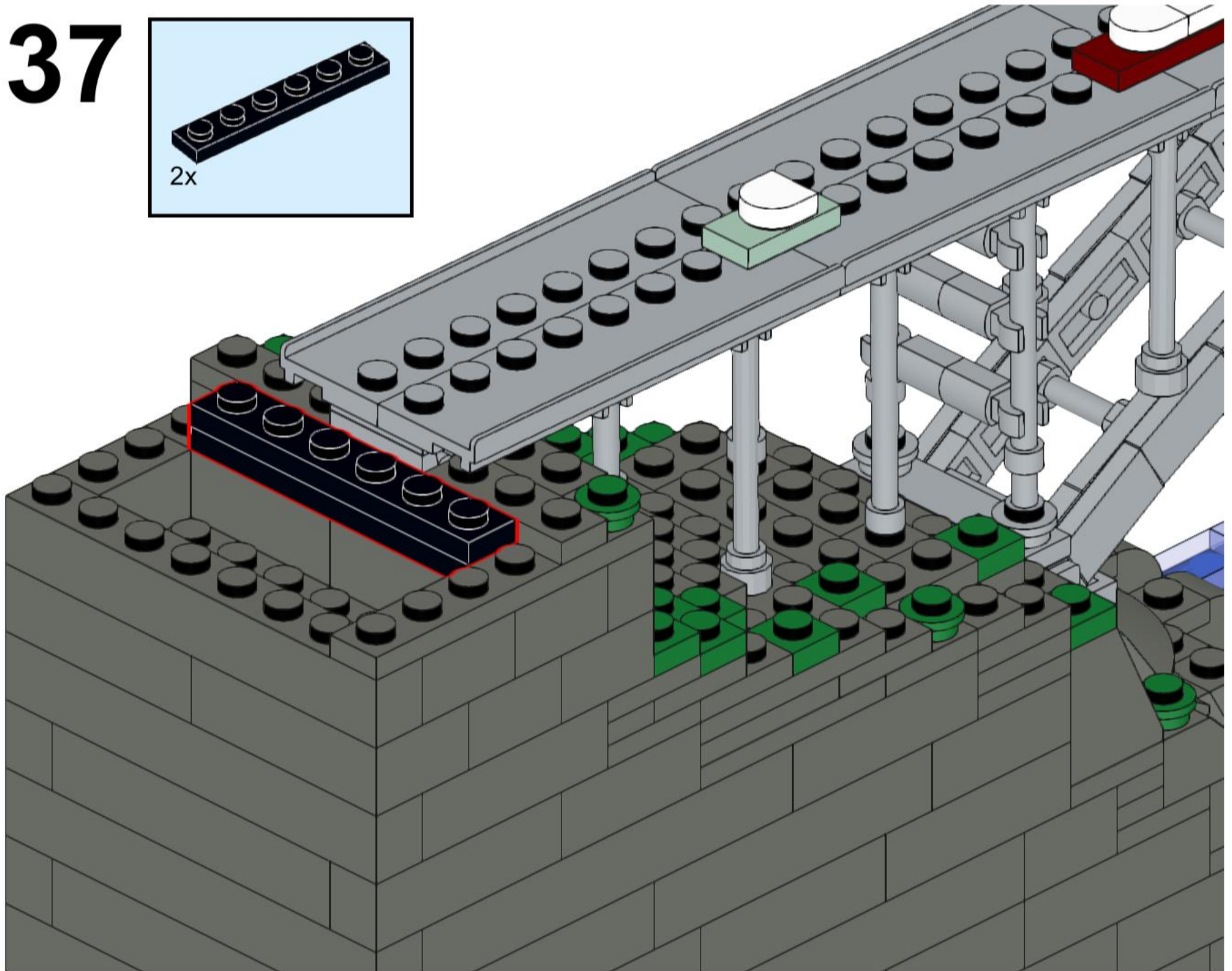
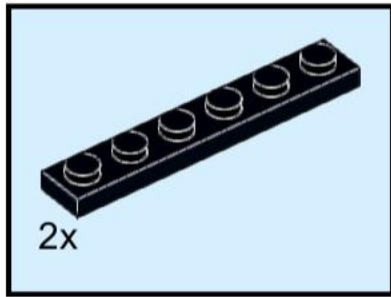
135



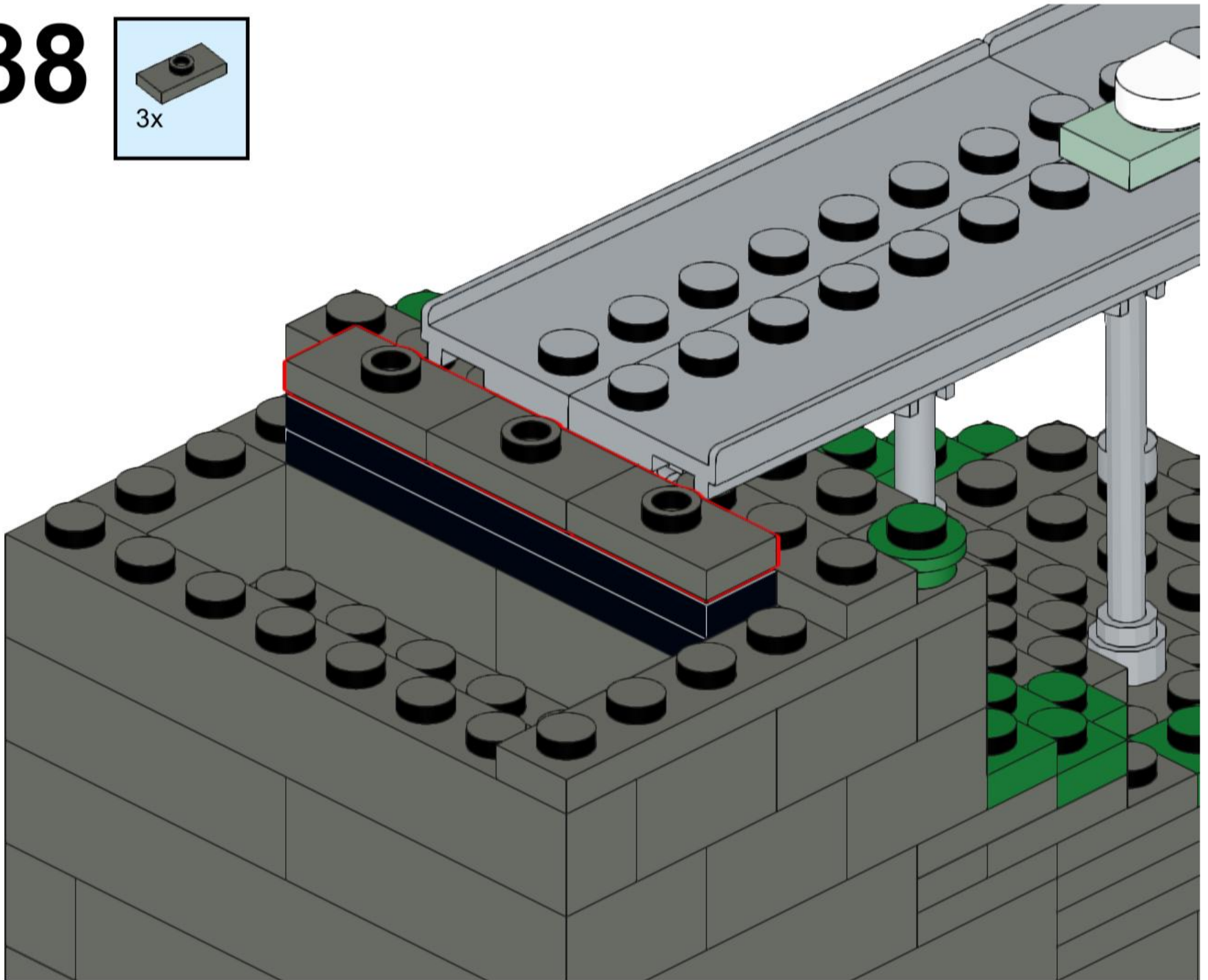
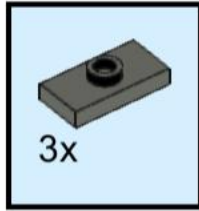
136



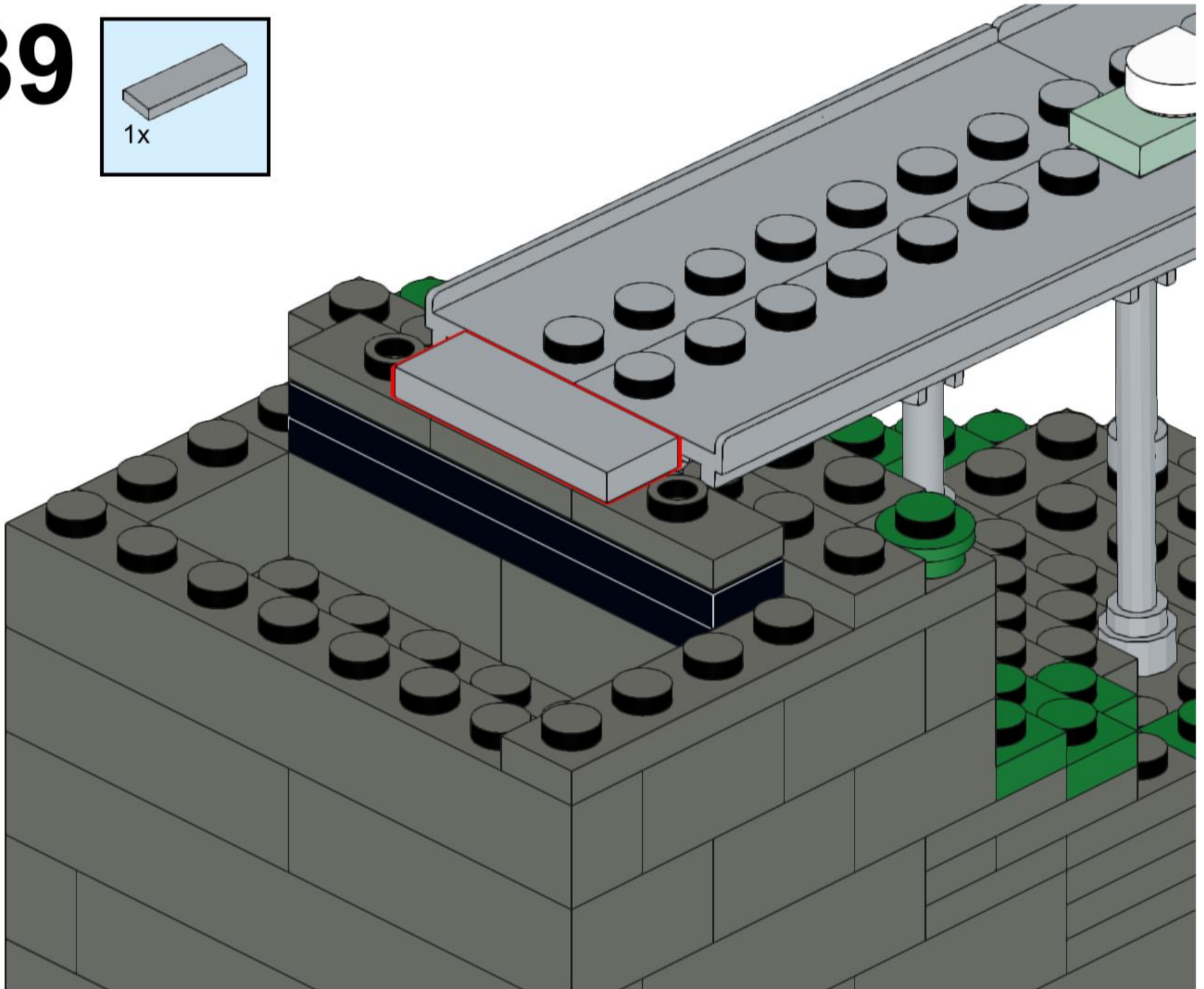
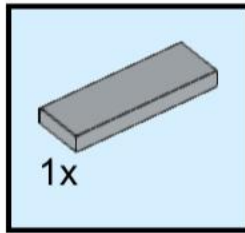
137



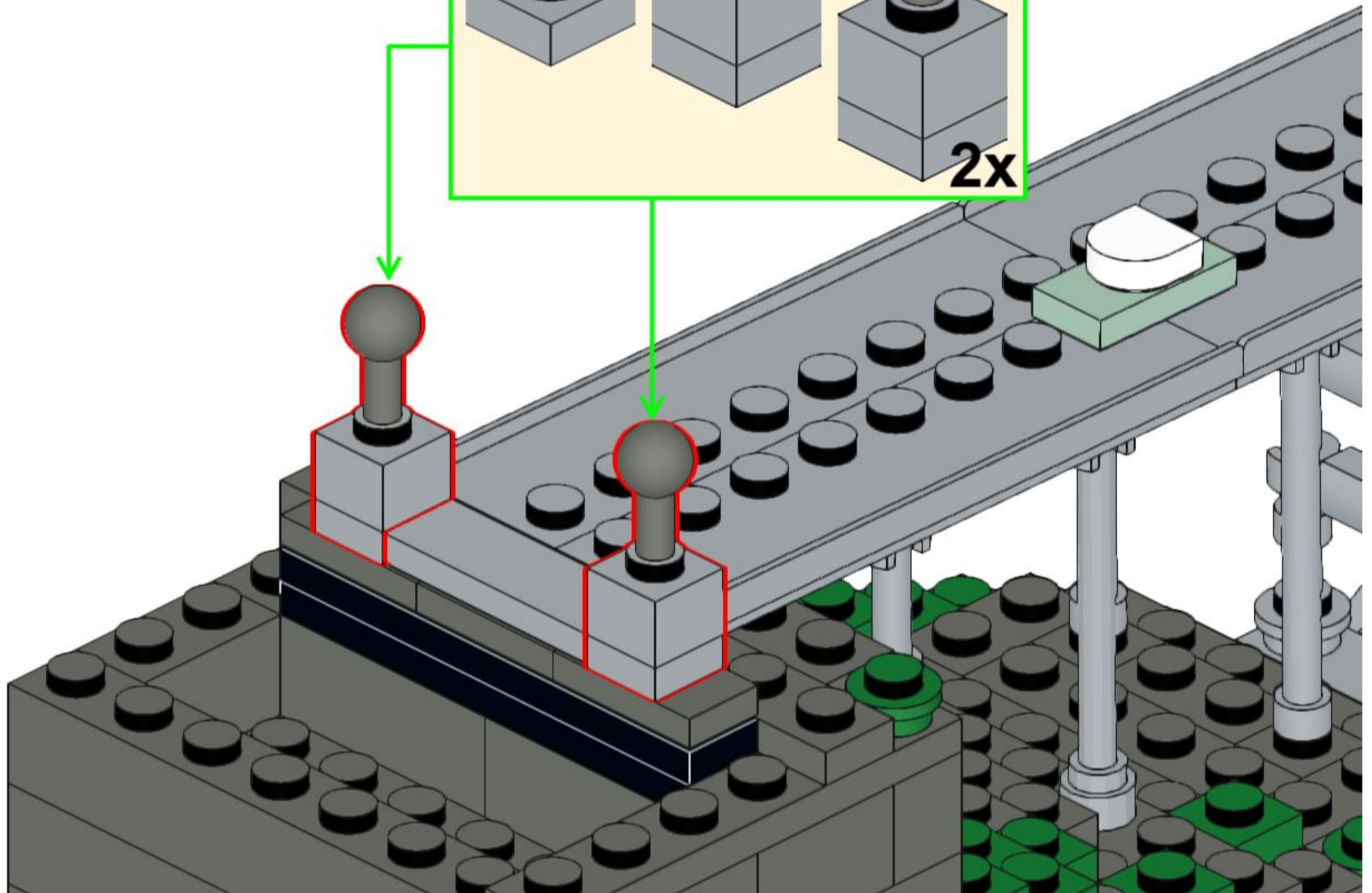
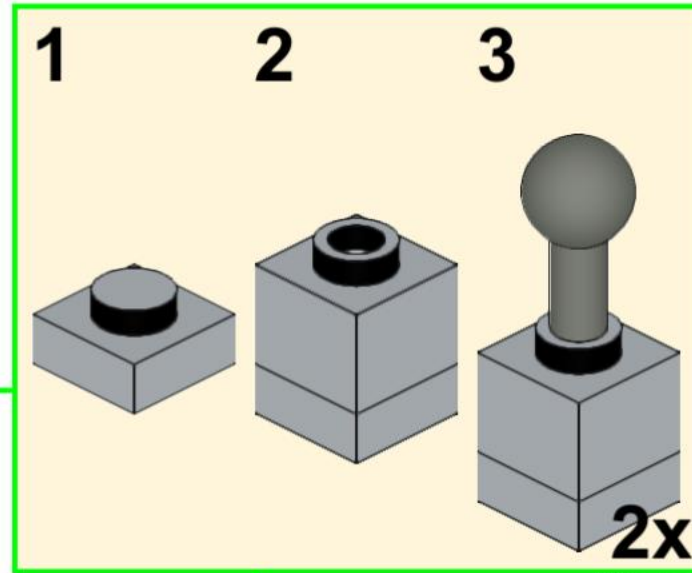
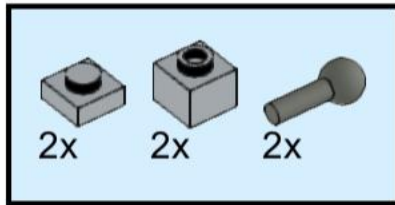
138



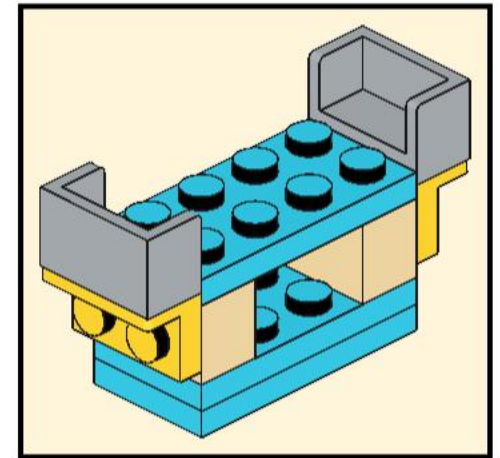
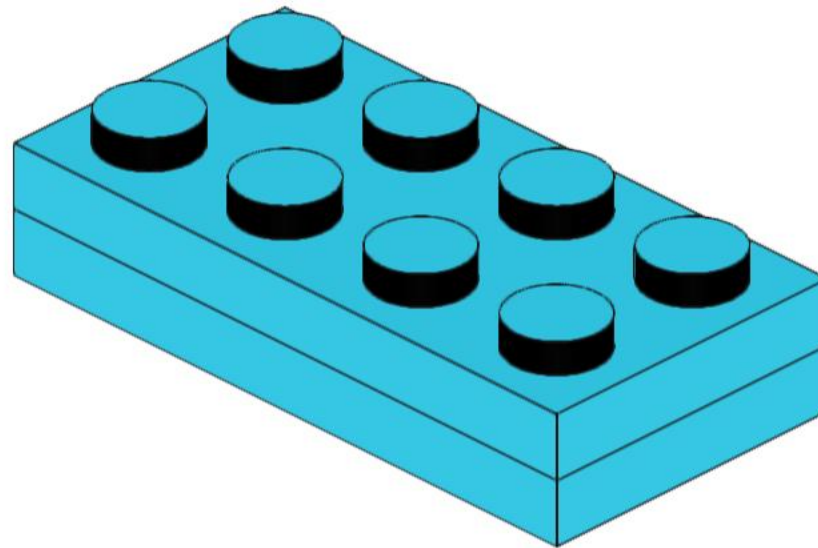
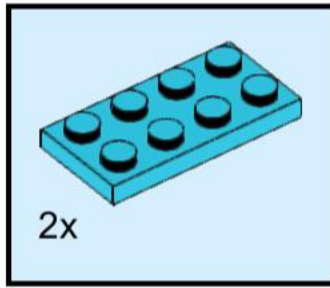
139



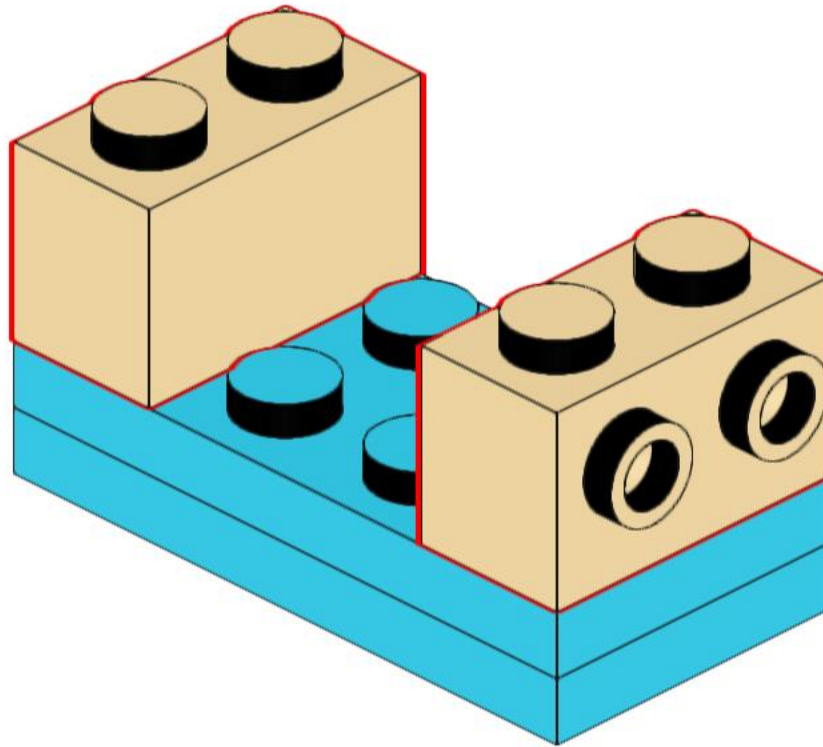
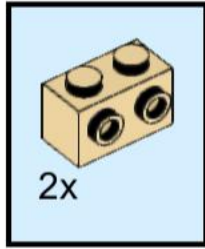
140



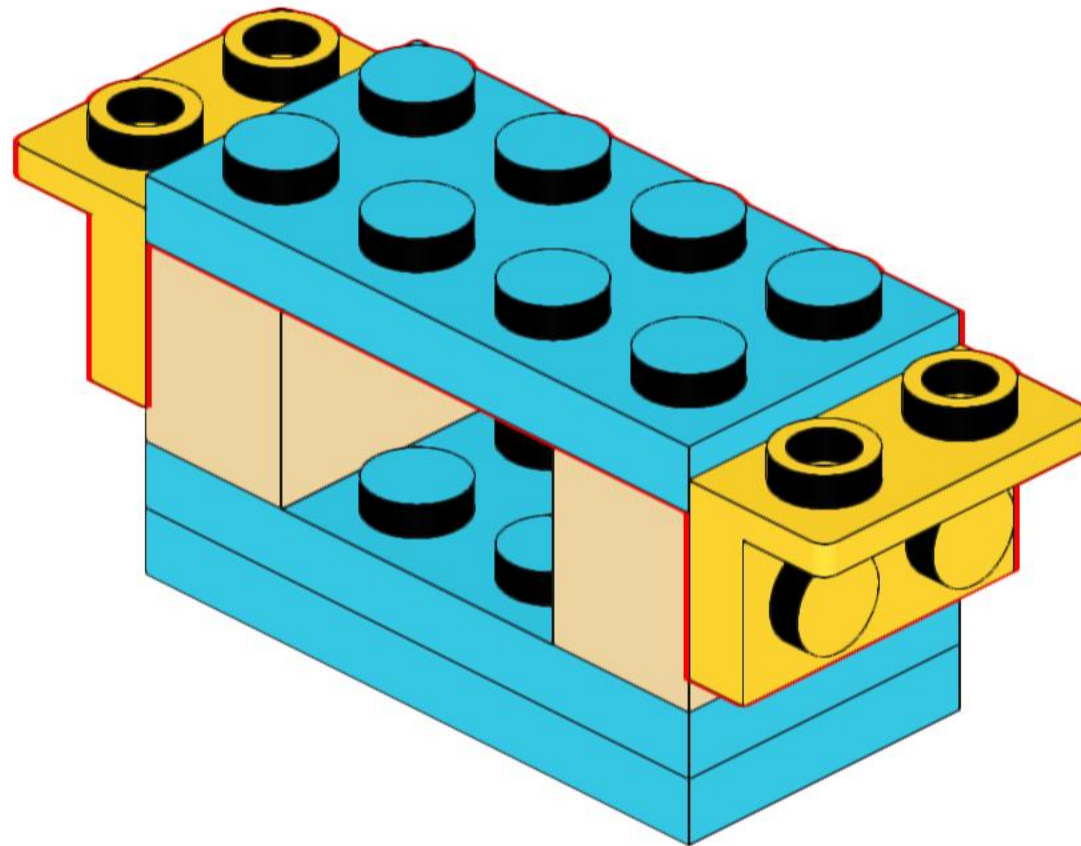
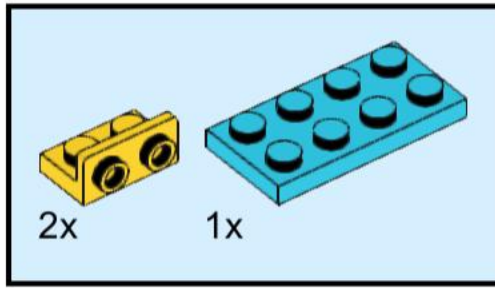
141



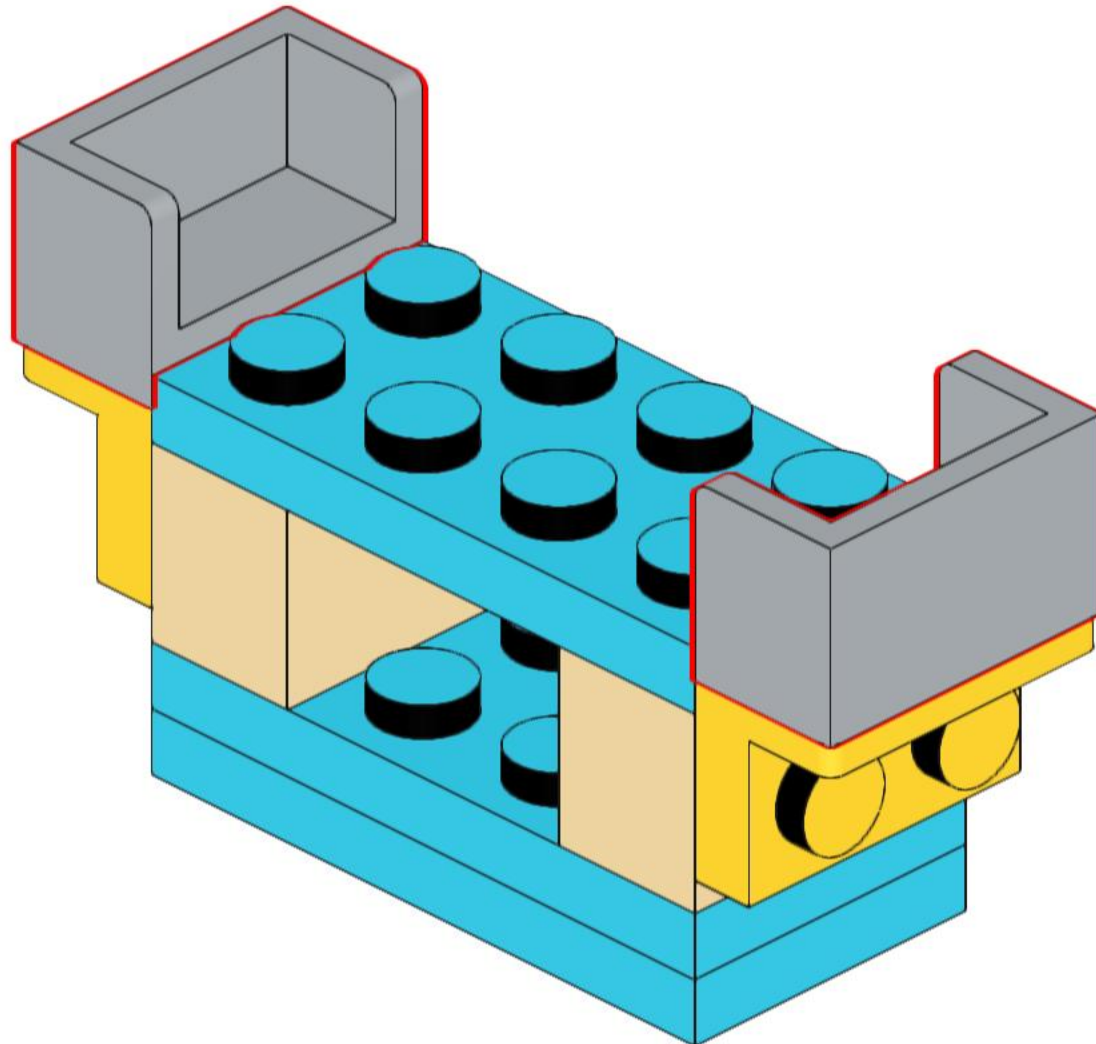
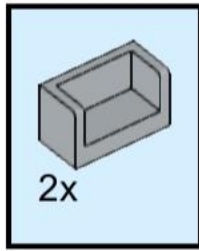
142



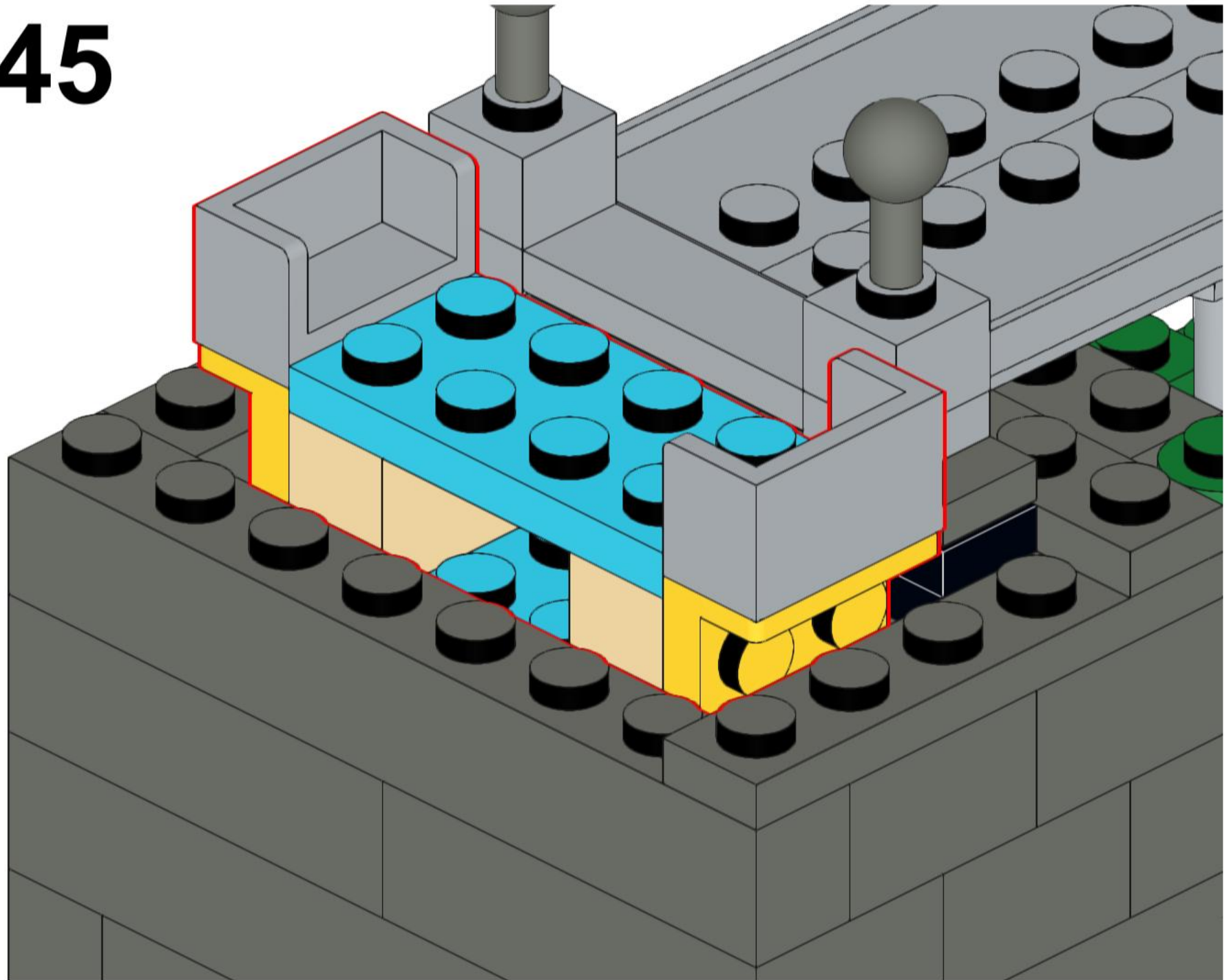
143



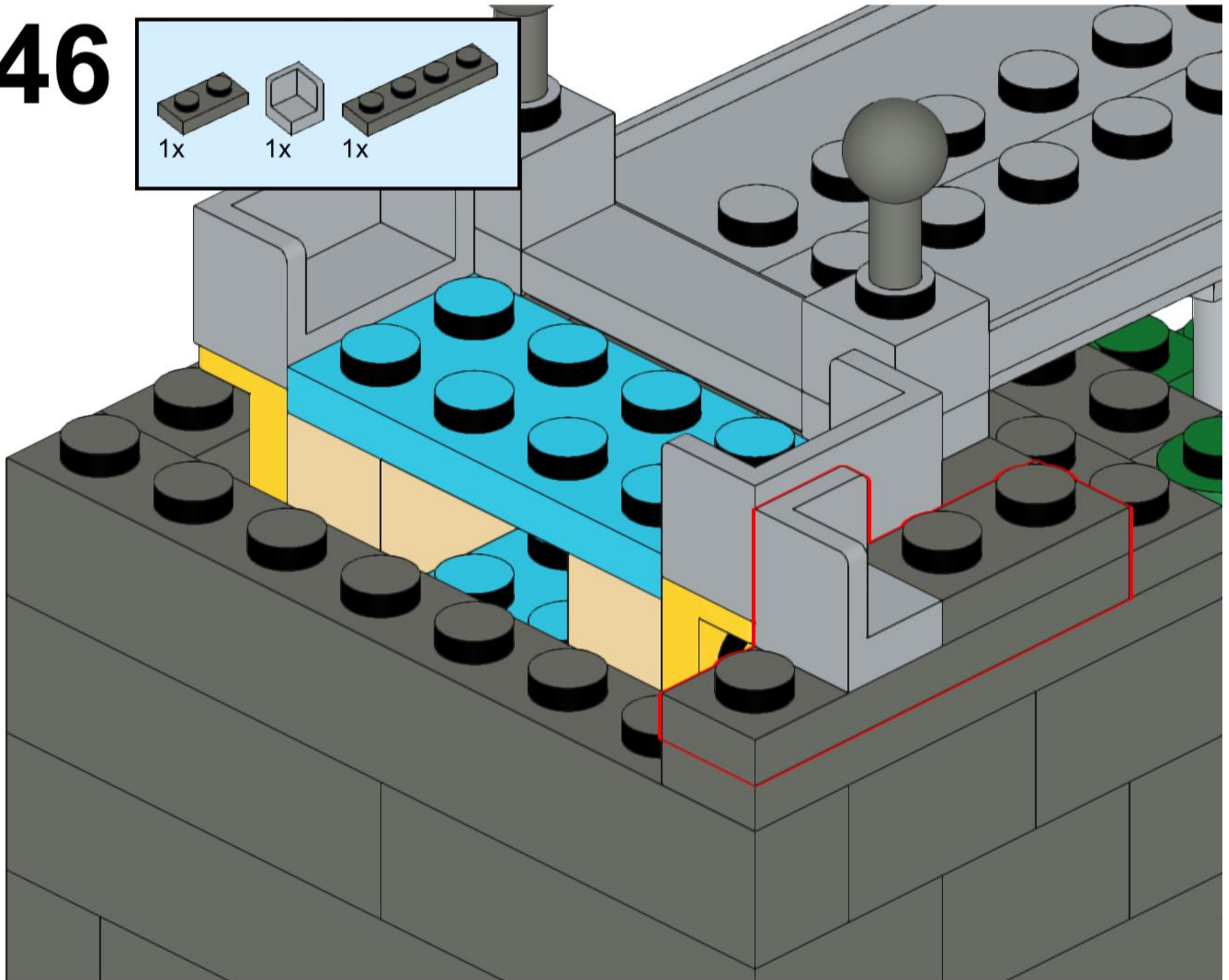
144



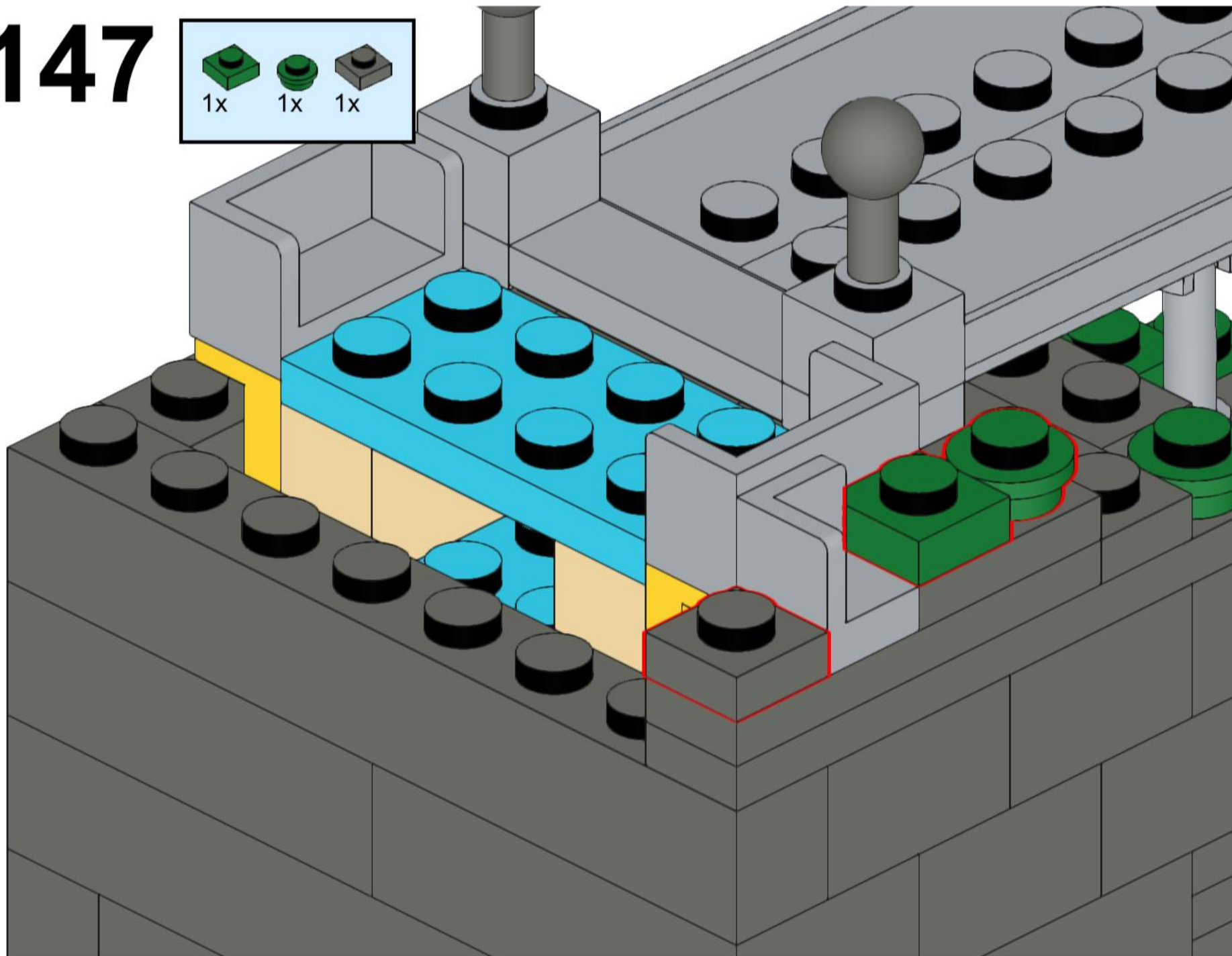
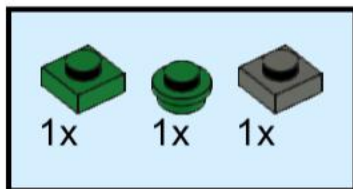
145



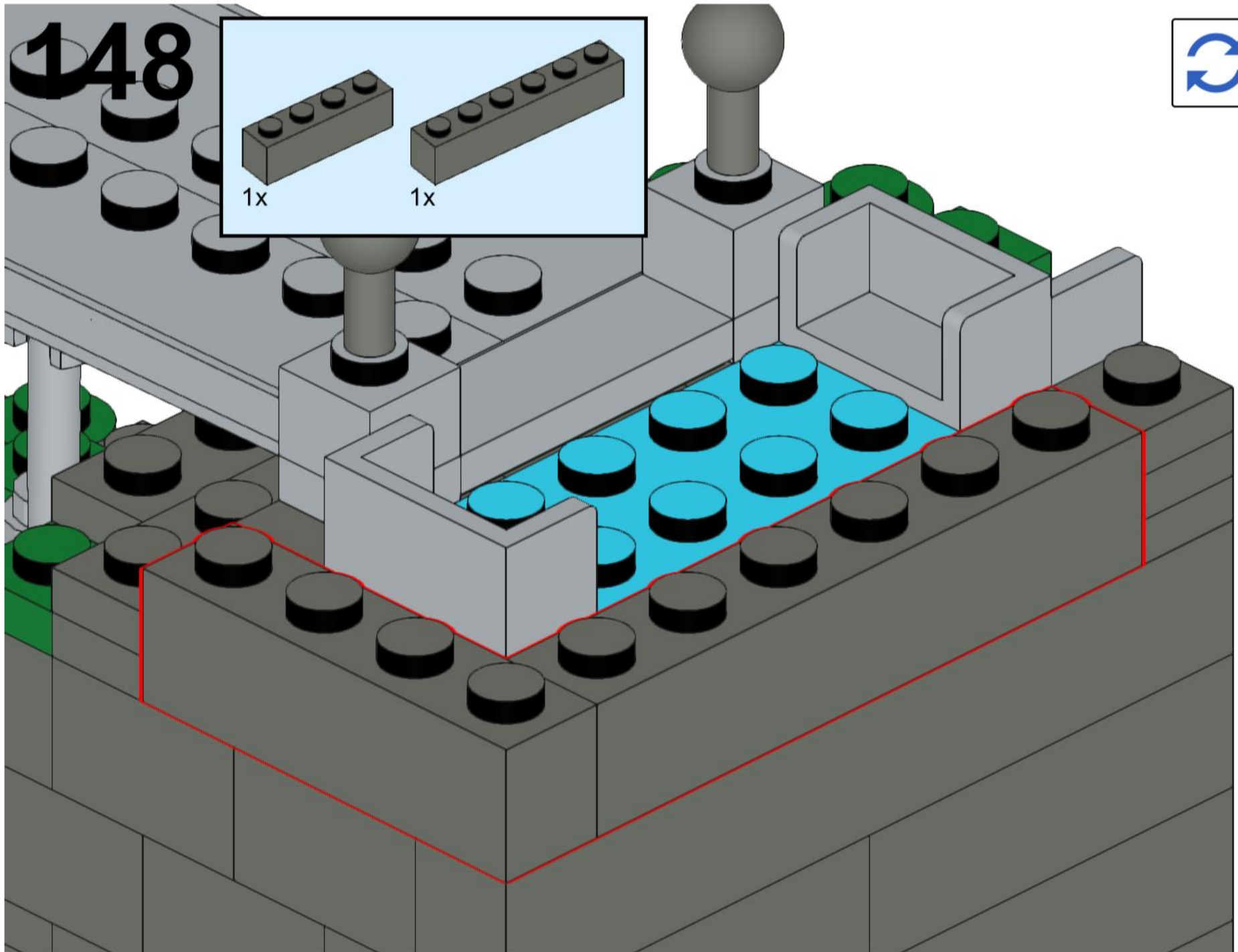
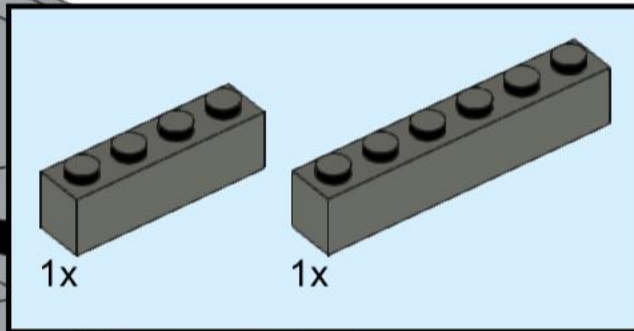
146

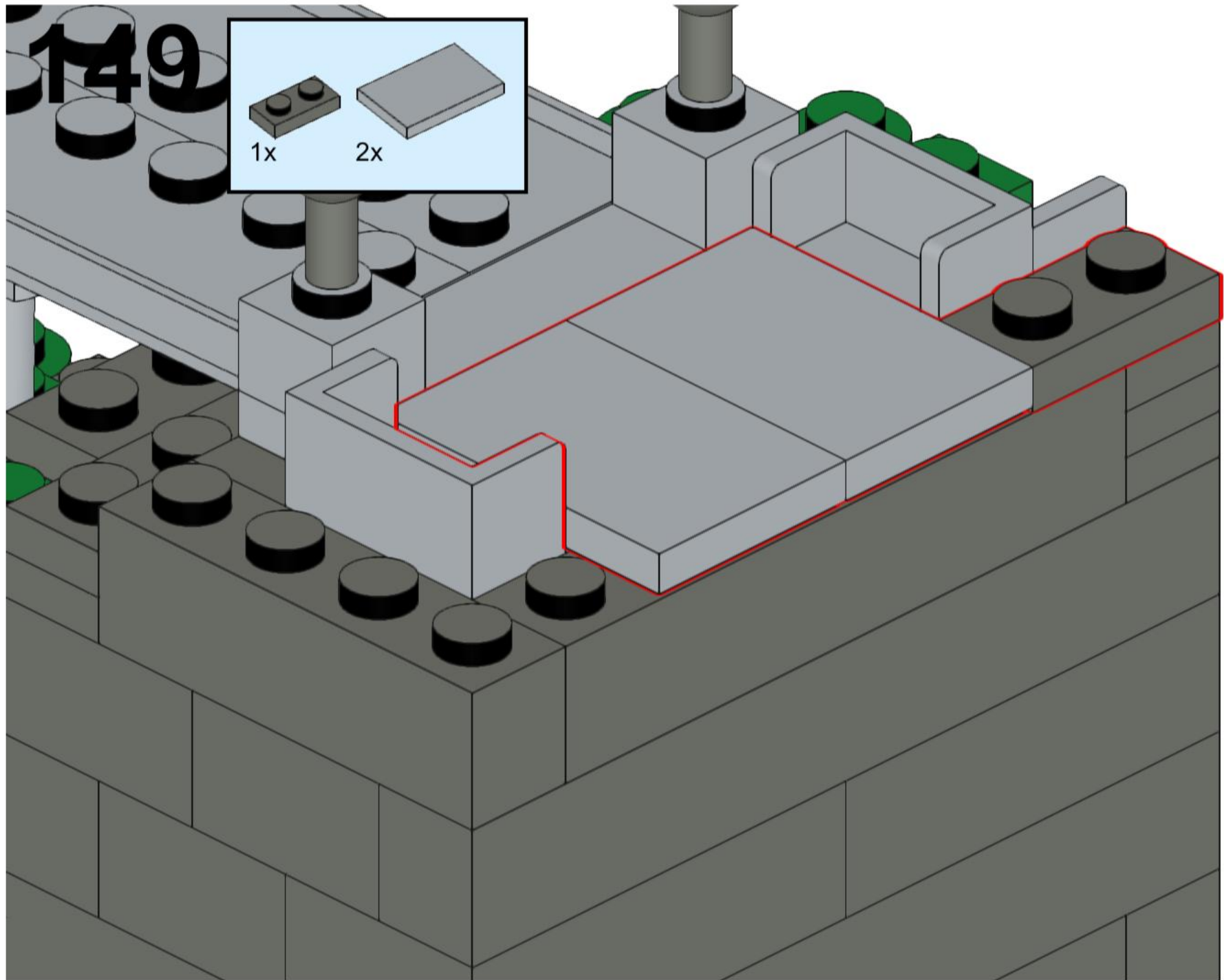


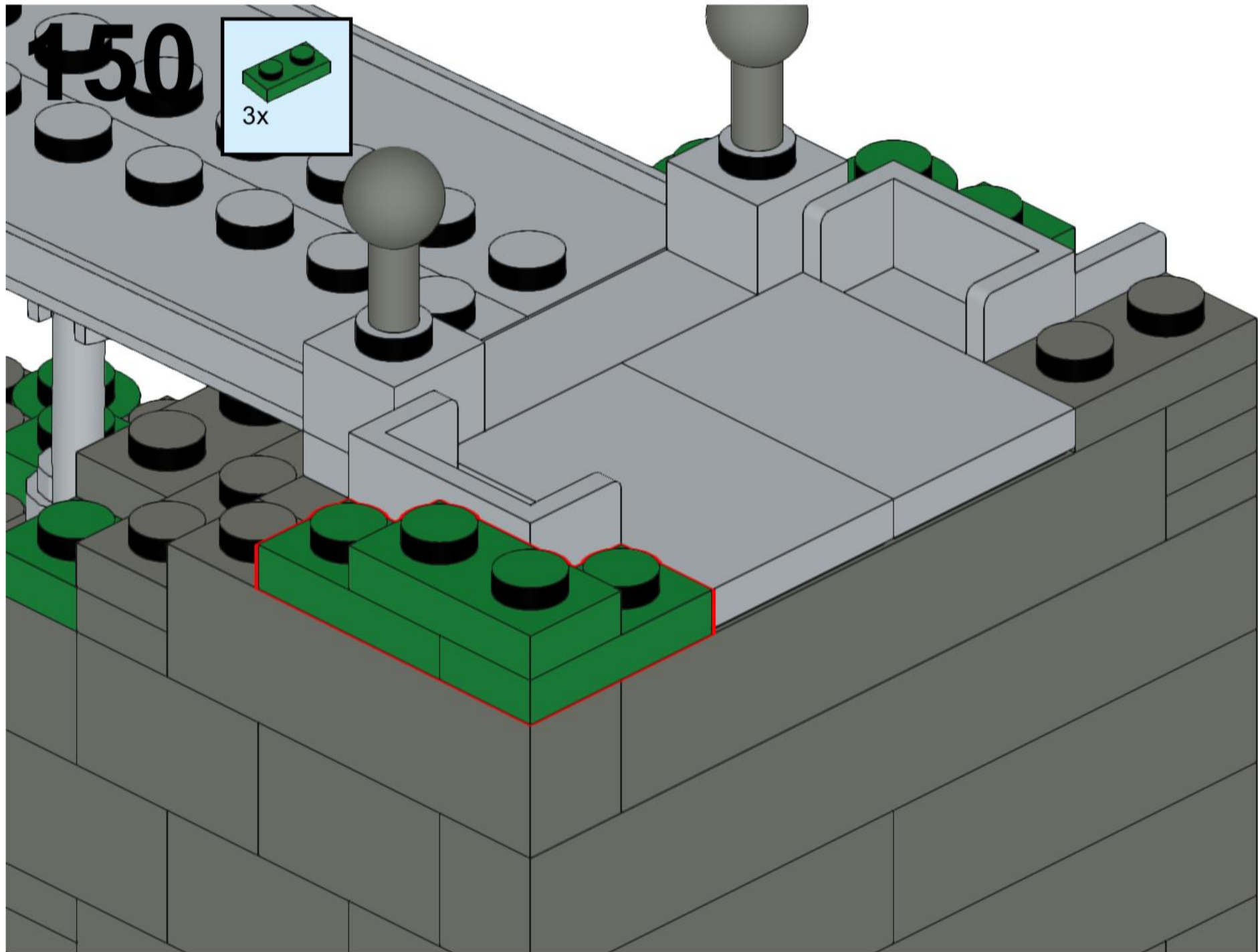
147



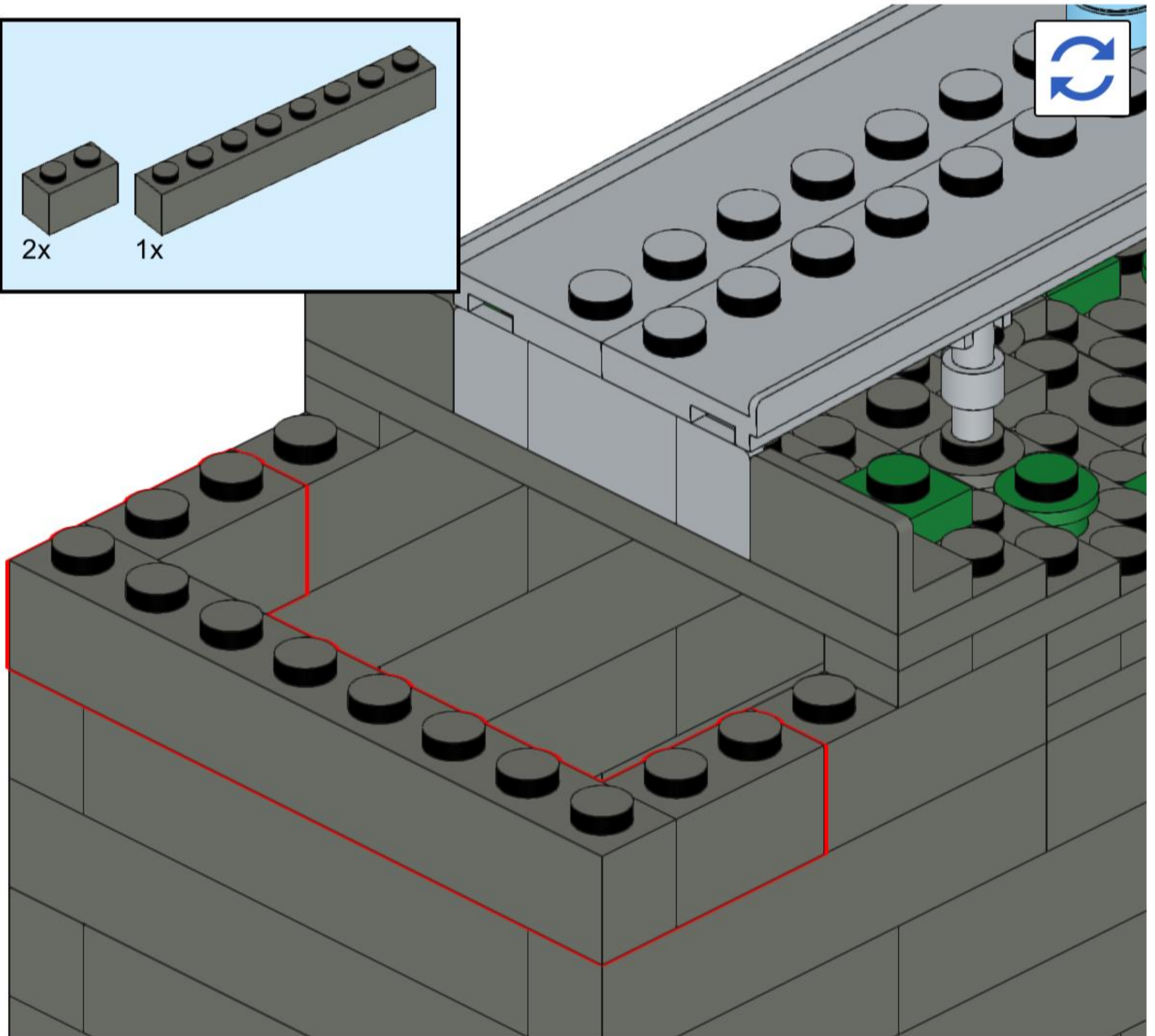
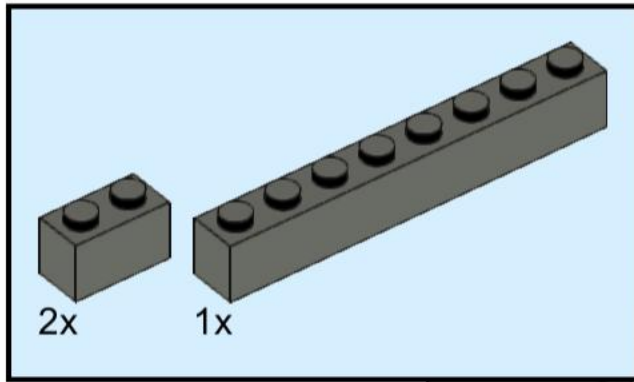
148



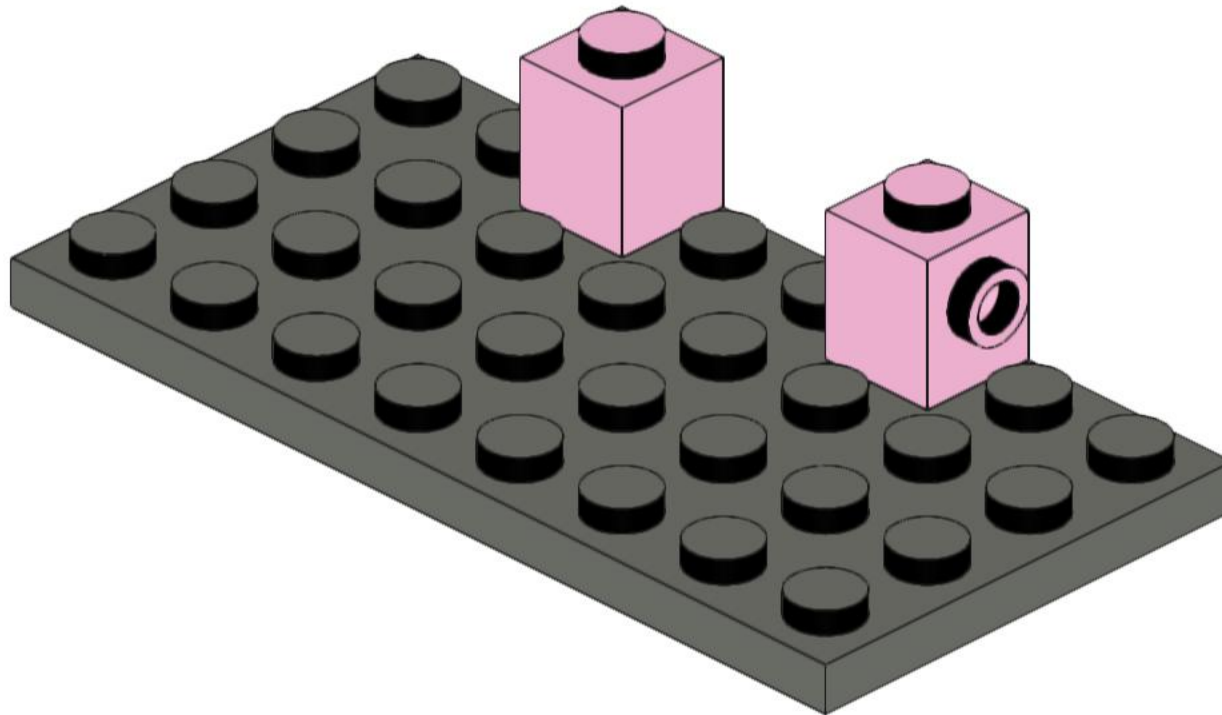
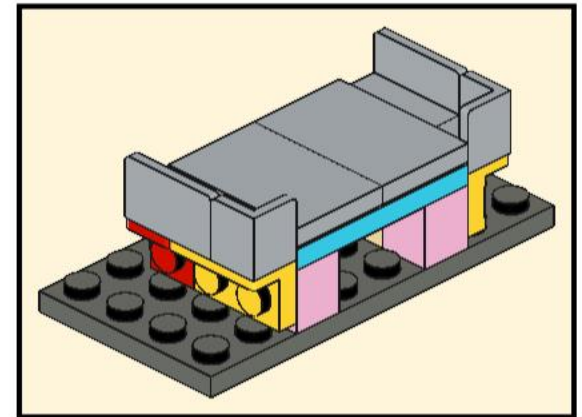
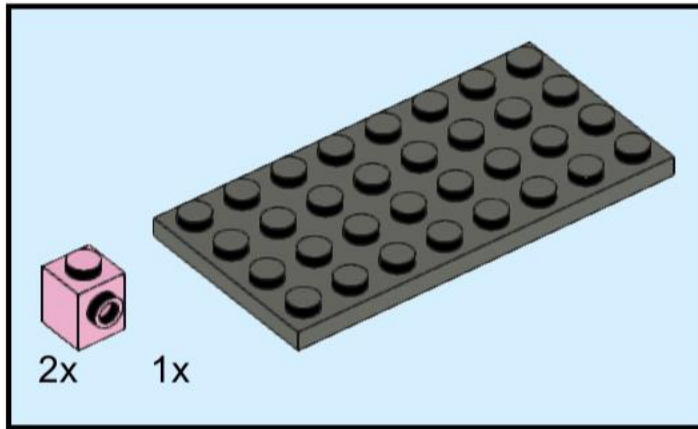




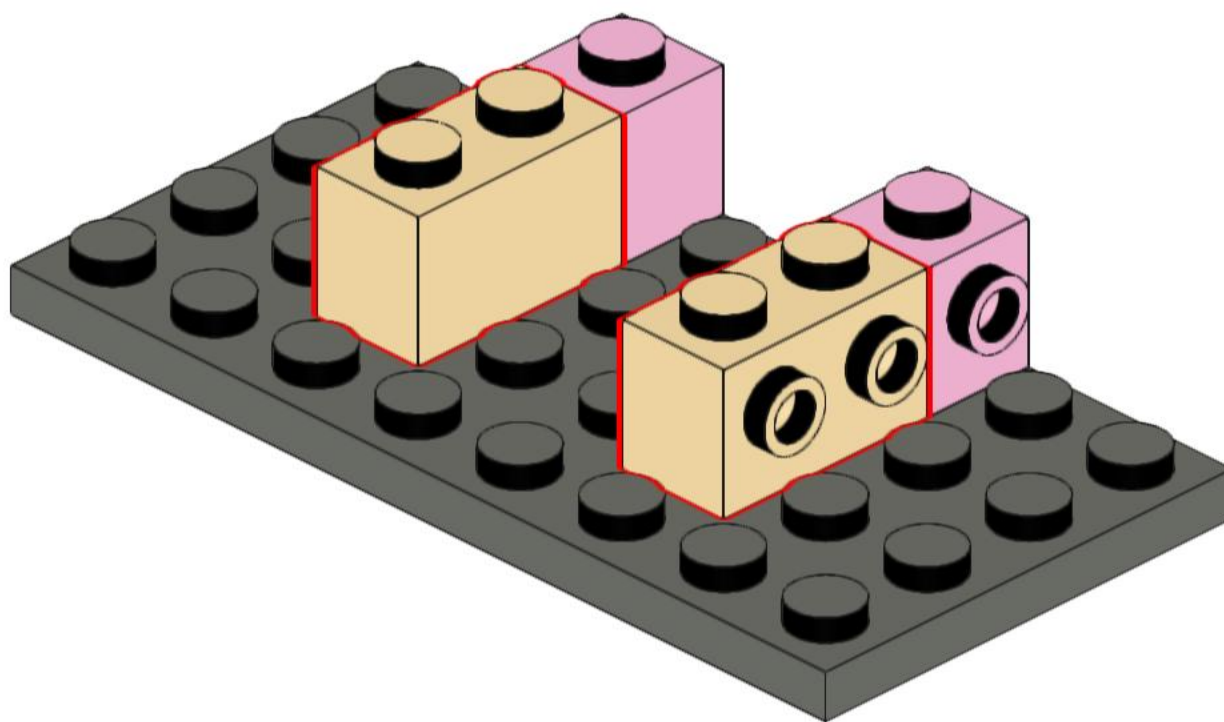
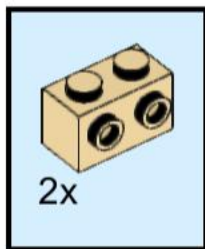
151



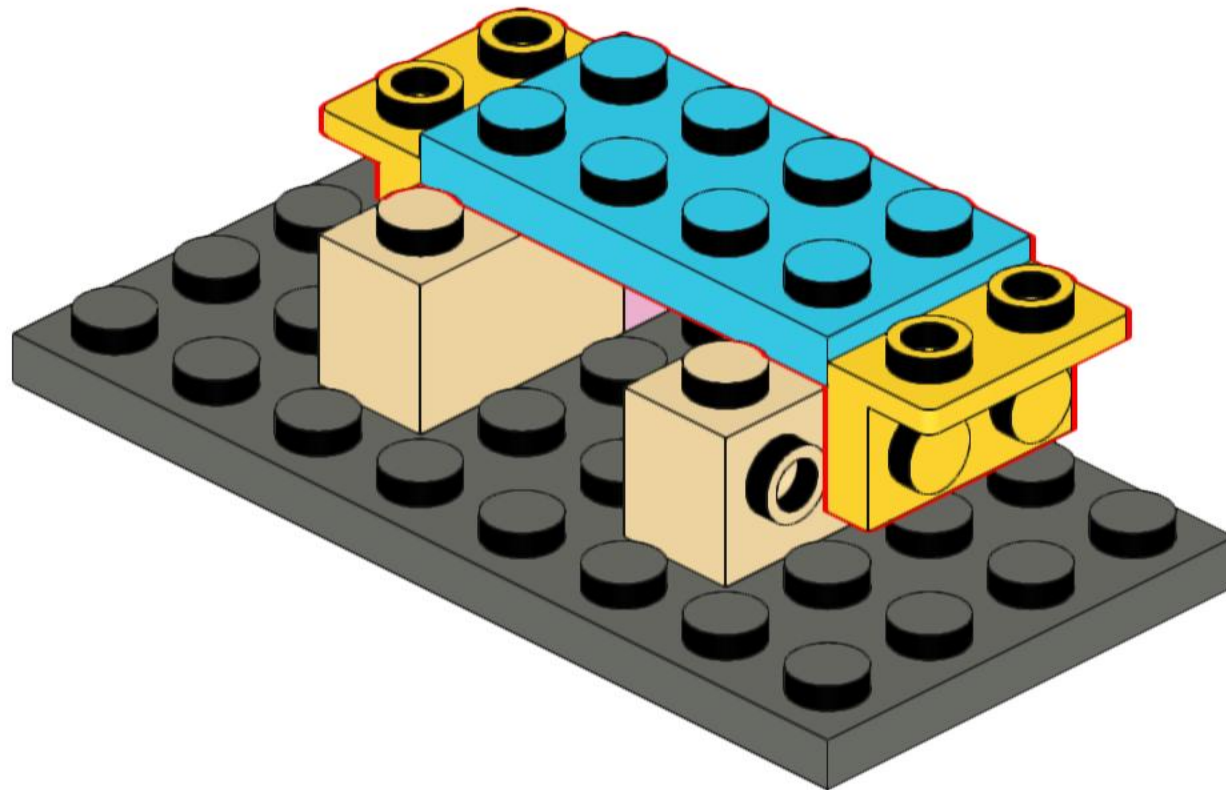
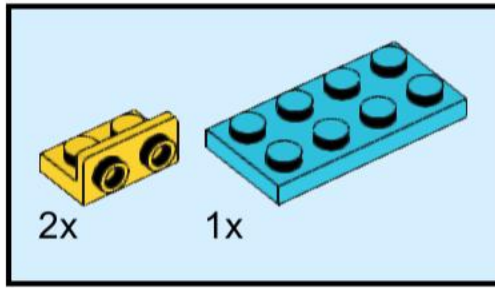
152



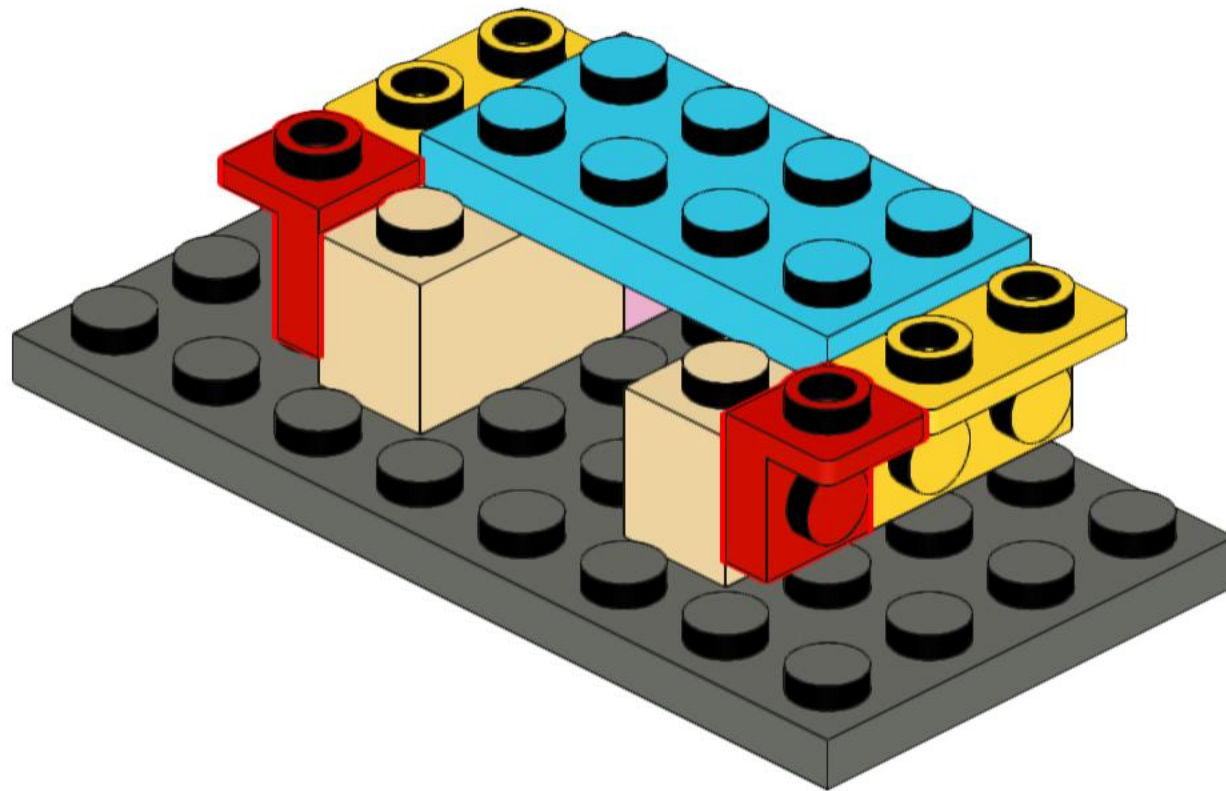
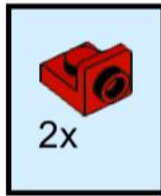
153



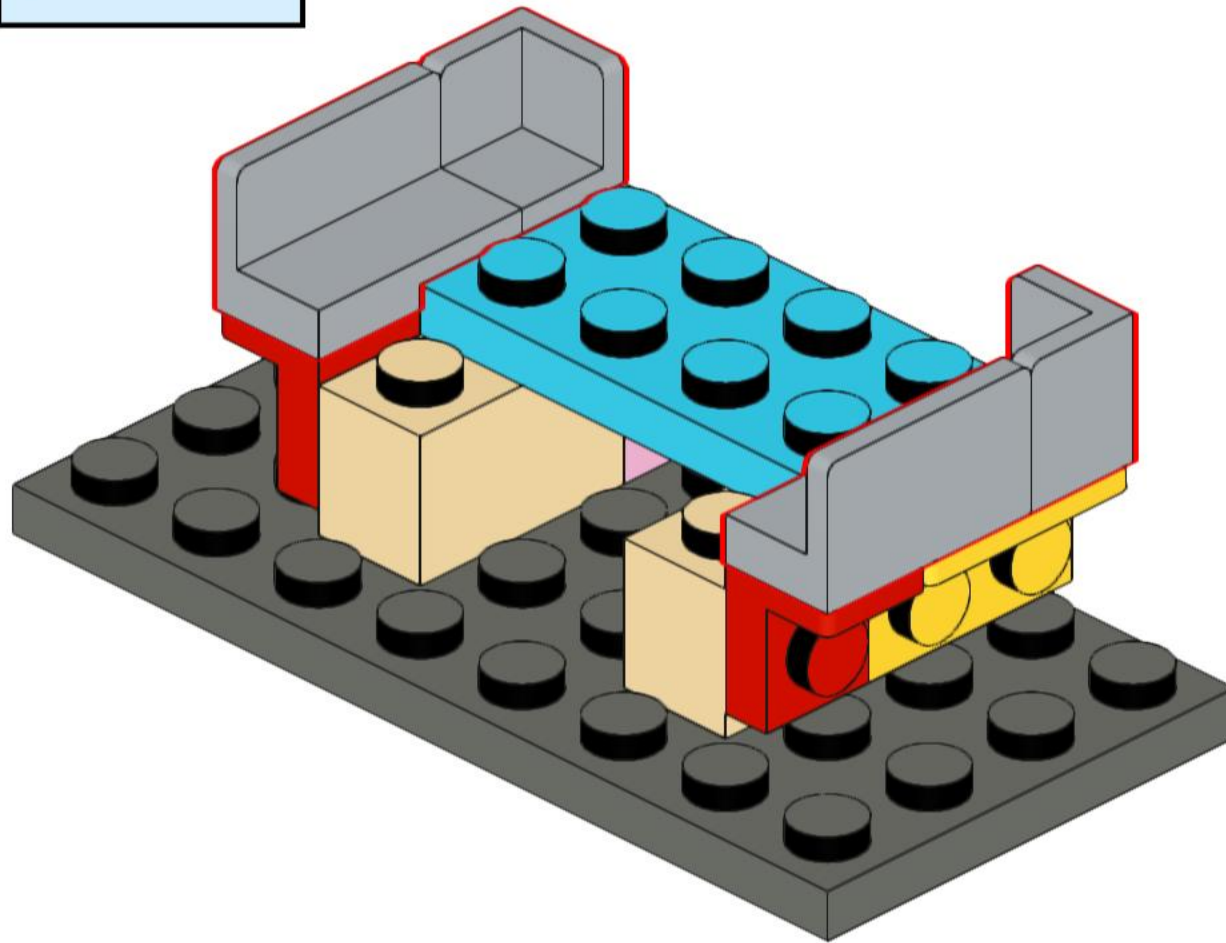
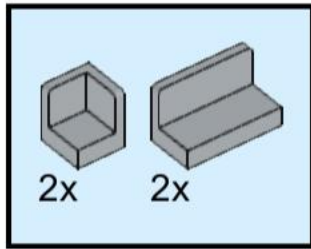
154



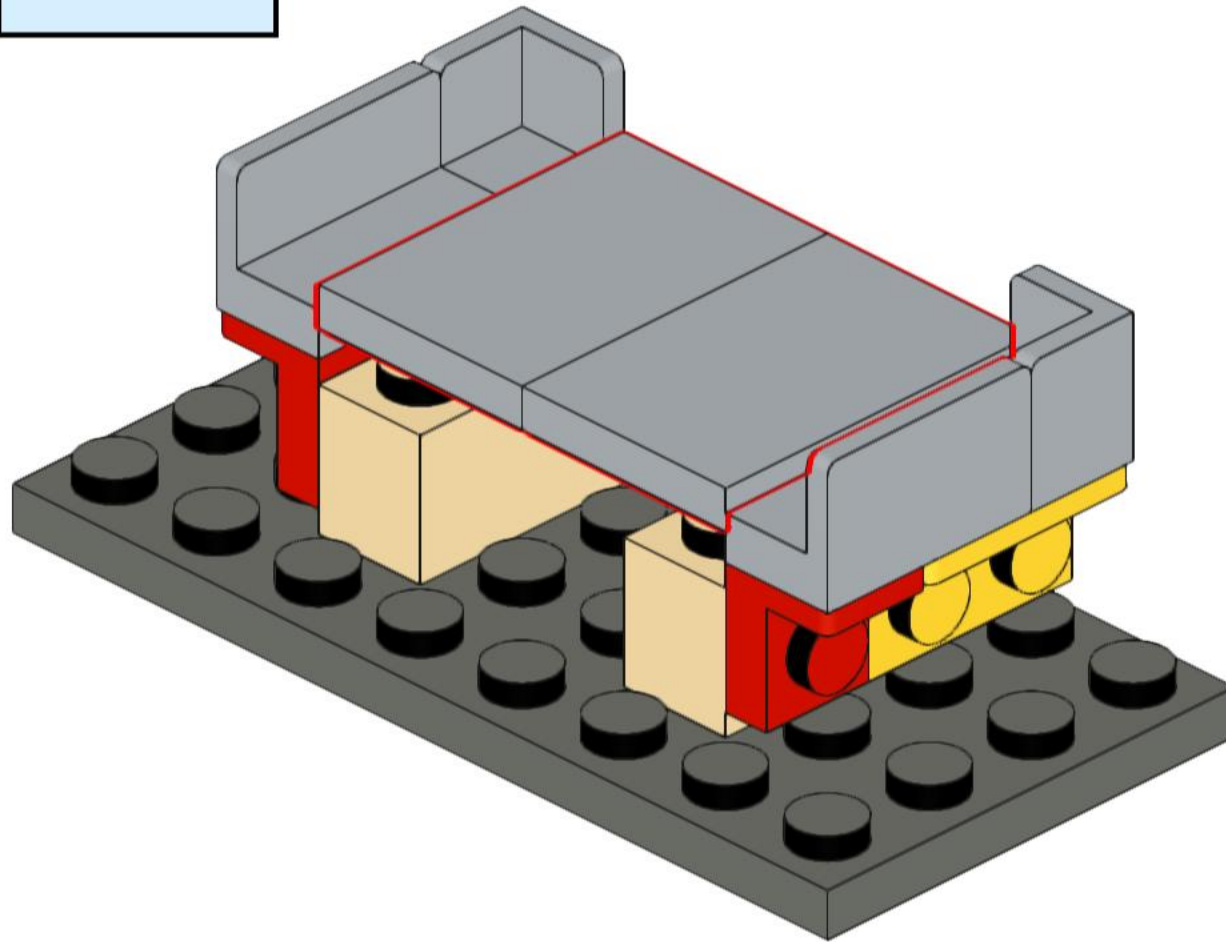
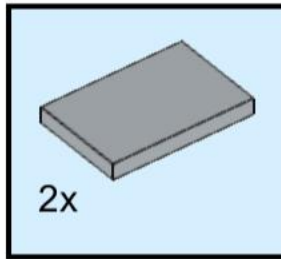
155



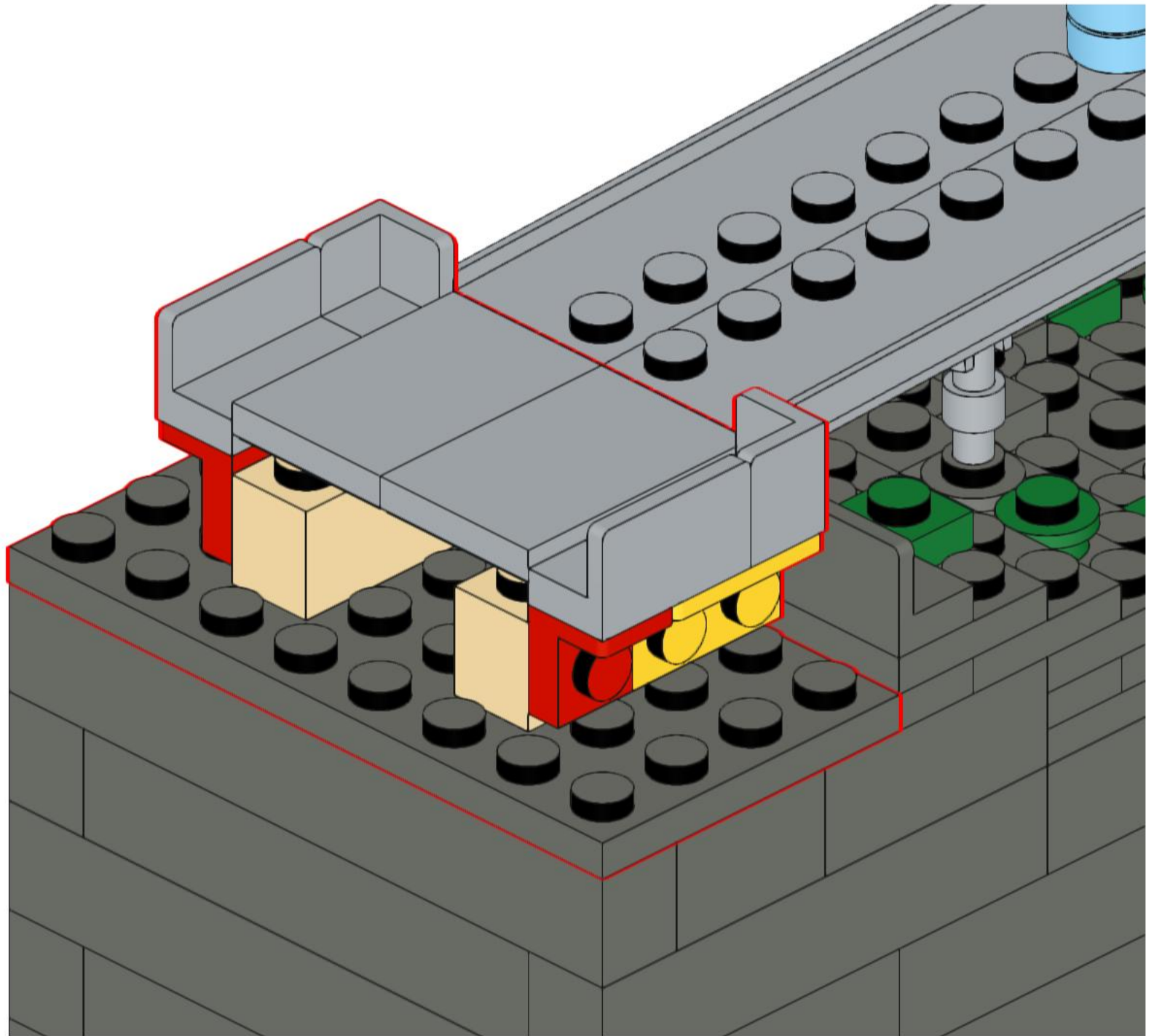
156



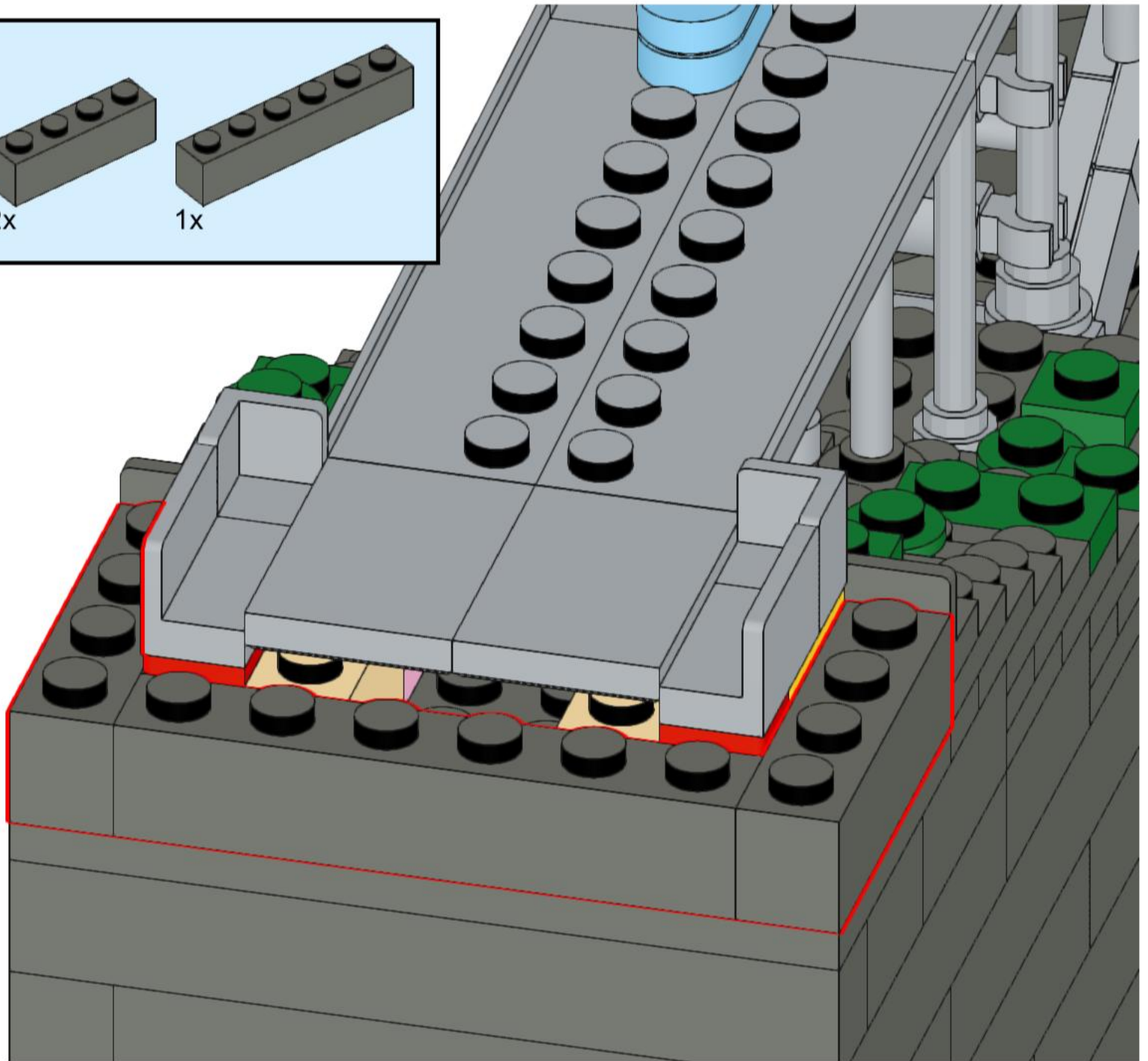
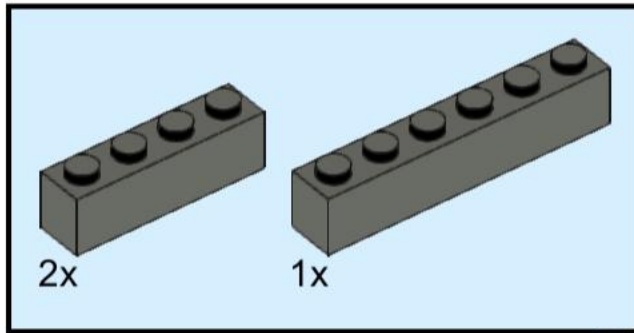
157



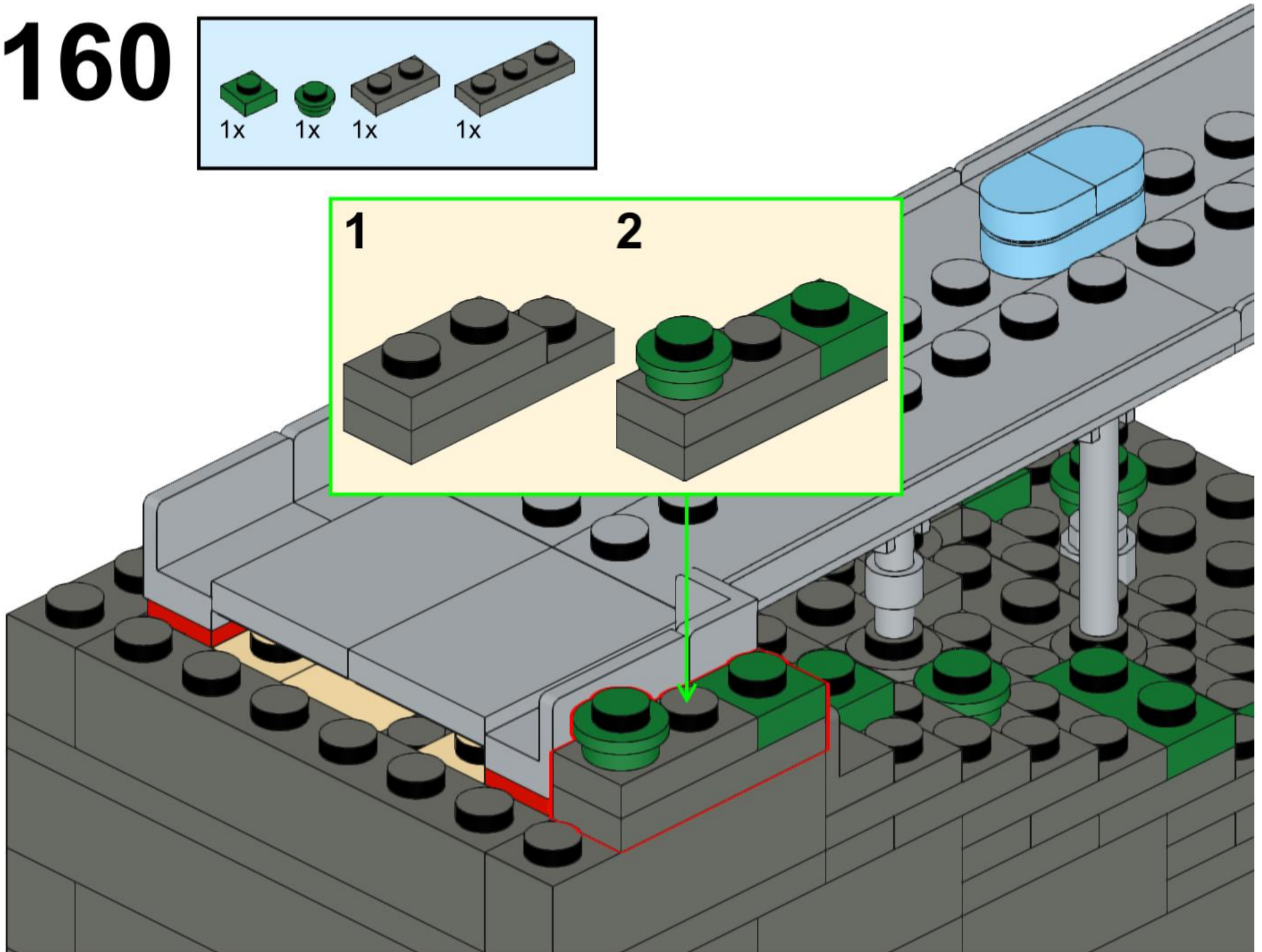
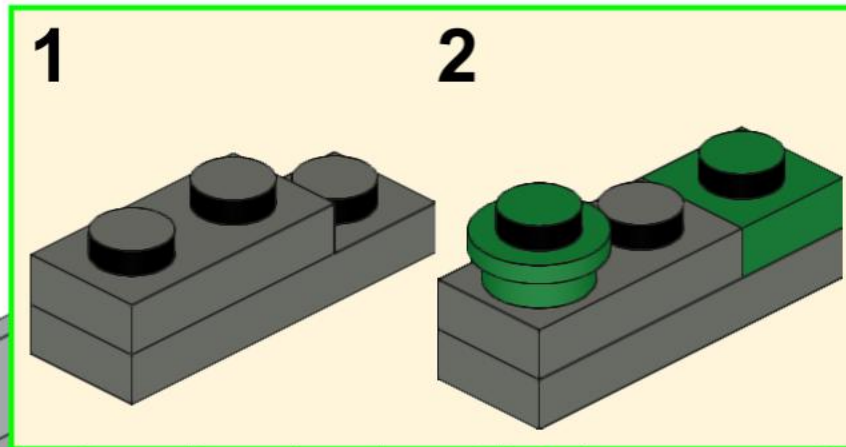
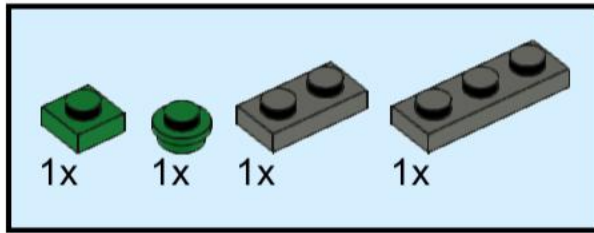
158



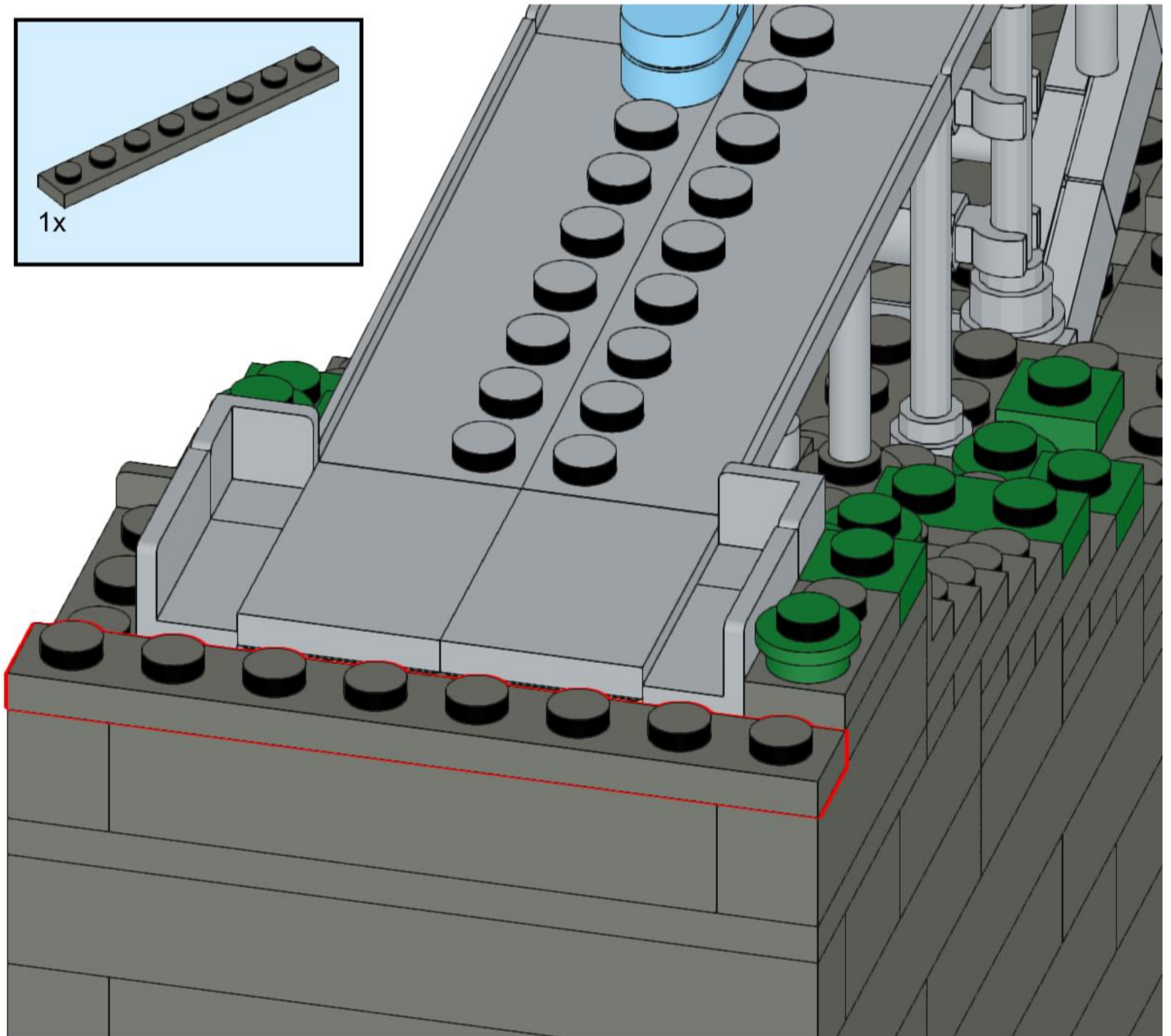
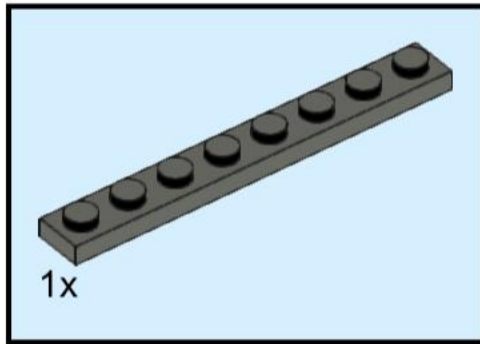
159



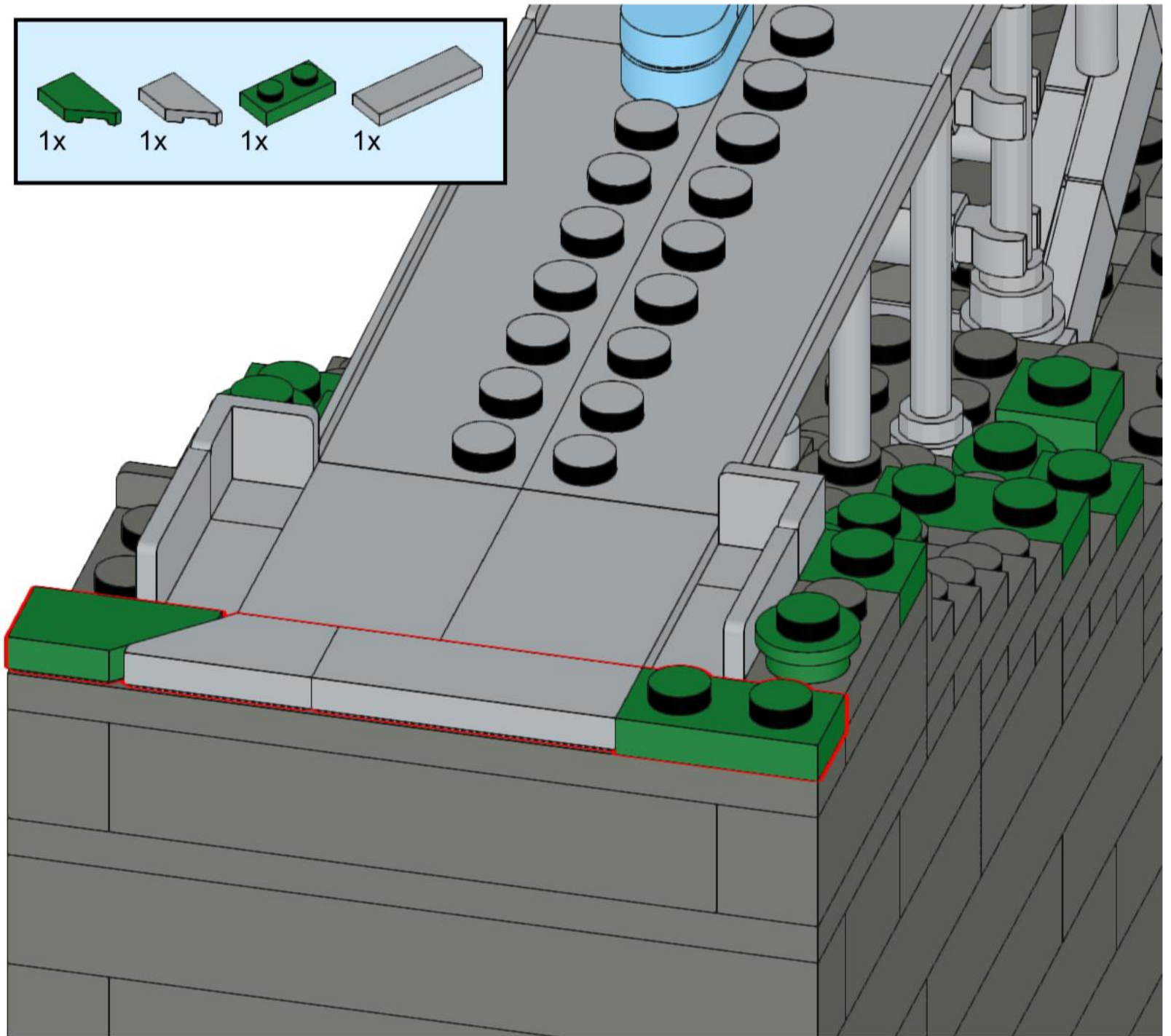
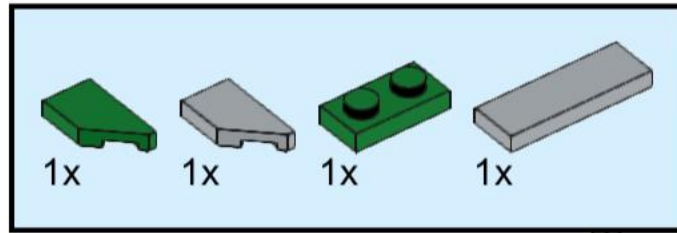
160



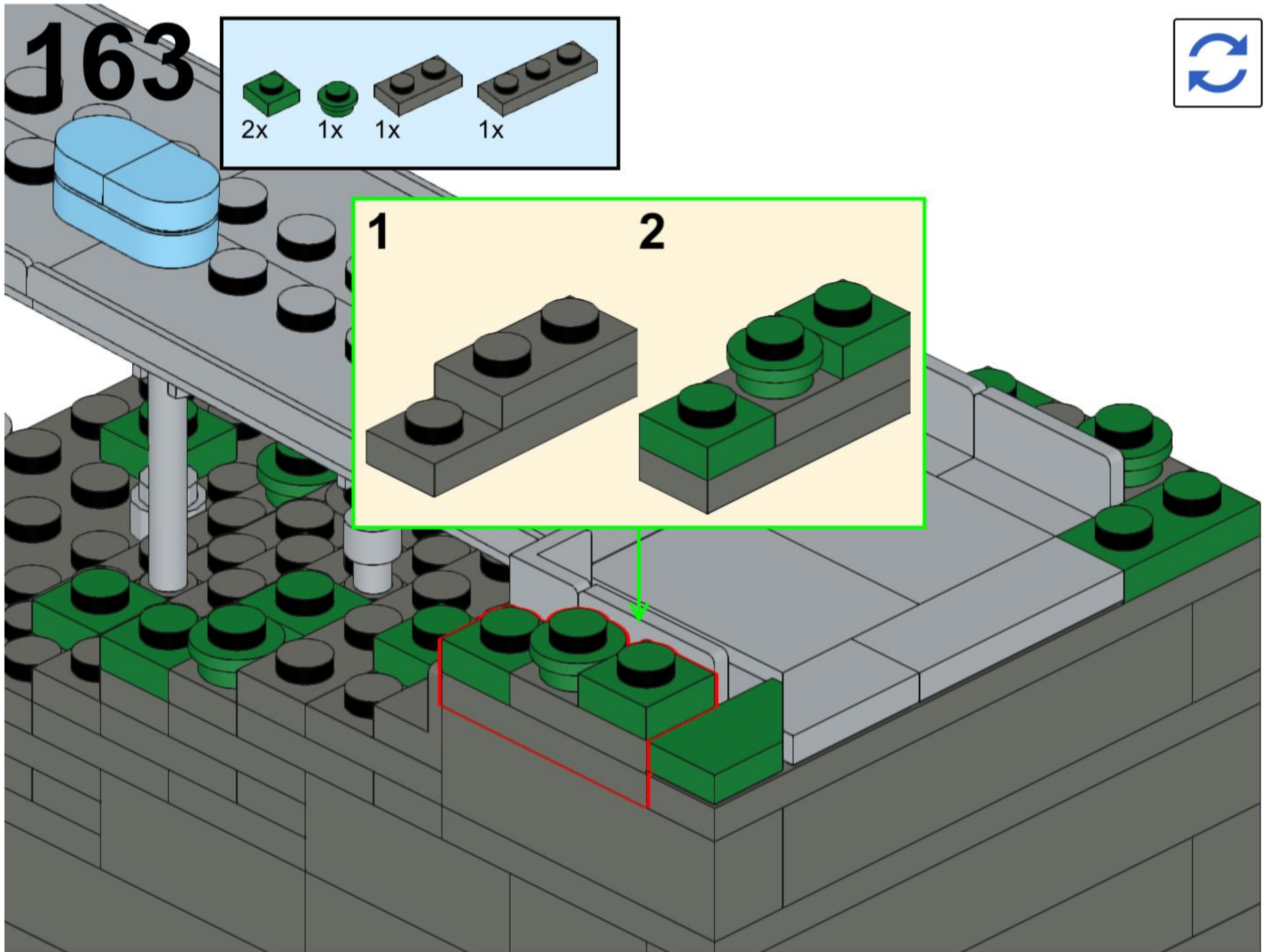
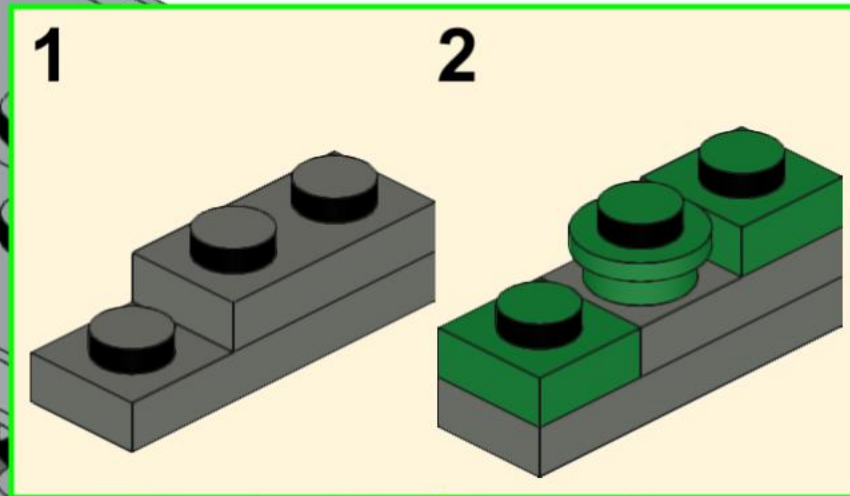
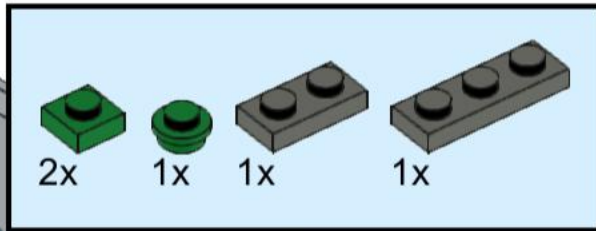
161

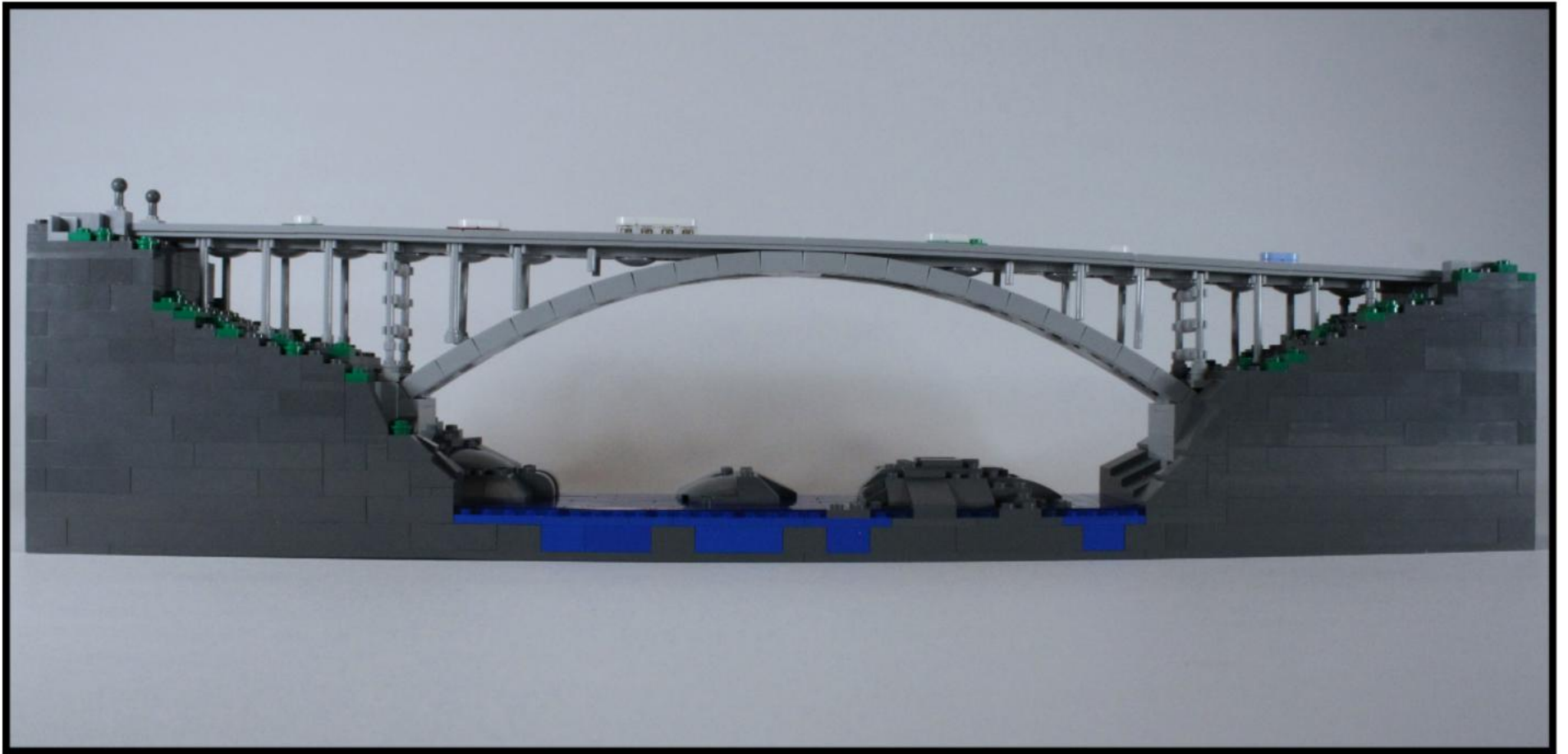


162



163







3x
3021
Black



2x
3666
Black



2x
3070
Dark Bluish Gray



6x
85861
Dark Bluish Gray



20x
3024
Dark Bluish Gray



7x
54200
Dark Bluish Gray



2x
86996
Dark Bluish Gray



5x
3005
Dark Bluish Gray



2x
22484
Dark Bluish Gray



37x
3023
Dark Bluish Gray



7x
3069
Dark Bluish Gray



3x
15573
Dark Bluish Gray



2x
4865b
Dark Bluish Gray



10x
3040
Dark Bluish Gray



9x
3004
Dark Bluish Gray



2x
6091
Dark Bluish Gray



9x
2420
Dark Bluish Gray



1x
26601
Dark Bluish Gray



5x
3022
Dark Bluish Gray



3x
3045
Dark Bluish Gray



2x
3039
Dark Bluish Gray



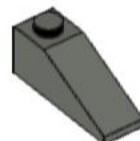
11x
3623
Dark Bluish Gray



13x
3622
Dark Bluish Gray



2x
60481
Dark Bluish Gray



1x
4286
Dark Bluish Gray



1x
43723
Dark Bluish Gray



3x
3021
Dark Bluish Gray



1x
24309
Dark Bluish Gray



8x
3298
Dark Bluish Gray



1x
3678b
Dark Bluish Gray



15x
3710
Dark Bluish Gray



19x
3010
Dark Bluish Gray



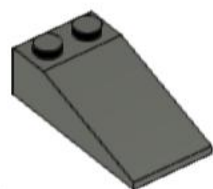
2x
76797
Dark Bluish Gray



7x
3020
Dark Bluish Gray



16x
3001
Dark Bluish Gray



1x
30363

Dark Bluish Gray



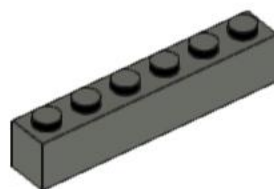
1x
3031

Dark Bluish Gray



10x
3666

Dark Bluish Gray



32x
3009

Dark Bluish Gray



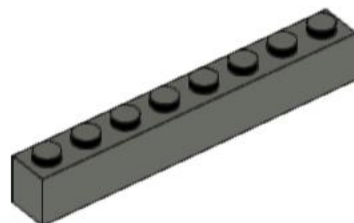
1x
3032

Dark Bluish Gray



3x
3460

Dark Bluish Gray



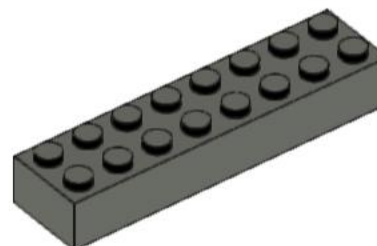
20x
3008

Dark Bluish Gray



14x
3034

Dark Bluish Gray



7x
3007

Dark Bluish Gray



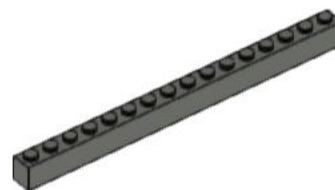
7x
3035

Dark Bluish Gray



8x
4282

Dark Bluish Gray



11x
2465

Dark Bluish Gray



4x
3070

Light Bluish Gray



6x
85861

Light Bluish Gray



3x
3024

Light Bluish Gray



2x
86996

Light Bluish Gray



9x
6231

Light Bluish Gray



12x
11090

Light Bluish Gray



24x
4085d

Light Bluish Gray

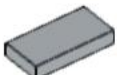
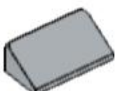
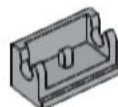
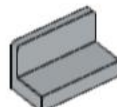


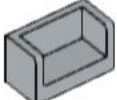
2x
78258

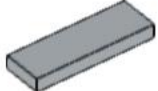
Light Bluish Gray

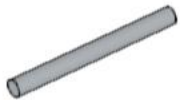
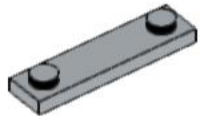
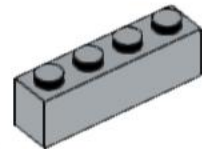
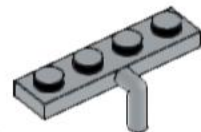


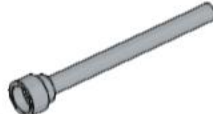
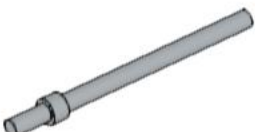
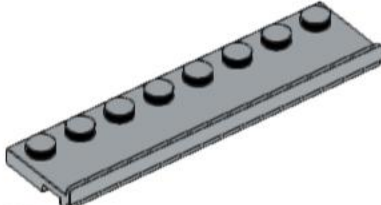
1x

					
43x 3069	46x 3023	2x 85984	1x 3937	8x 66909	5x 4865b
Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray

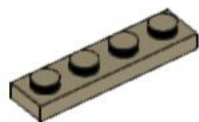
					
2x 23969	2x 3004	2x 99780	13x 3022	14x 2654	4x 78256
Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray

					
1x 6134	6x 87994	2x 63864	1x 67329	4x 26603	2x 3021
Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray

					
4x 30374	1x 3710	2x 41740	2x 3010	1x 3020	4x 30043
Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray

						
8x 3957b	2x 3031	1x 3666	4x 63965	16x 30586	6x 24246	2x 3070
Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	Light Bluish Gray	White	White

					
1x 3069	4x 48336	1x 34103	5x 87087	2x 36840	8x 3023



1x
3710
Dark Tan



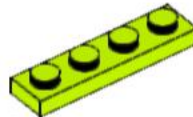
4x
11211
Tan



4x
99780
Yellow



1x
15573
Bright Light Yellow



2x
3710
Lime



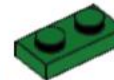
20x
4073
Green



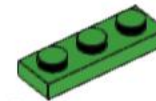
28x
3024
Green



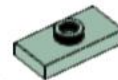
1x
5092
Green



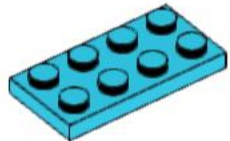
8x
3023
Green



1x
3623
Bright Green



1x
15573
Sand Green



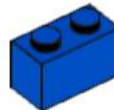
7x
3020
Medium Azure



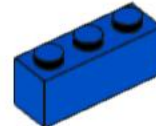
2x
24246
Bright Light Blue



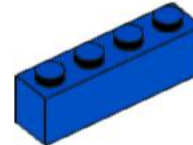
1x
35480
Bright Light Blue



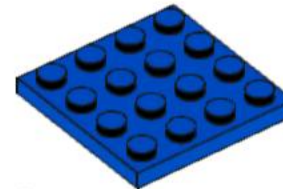
7x
3004
Blue



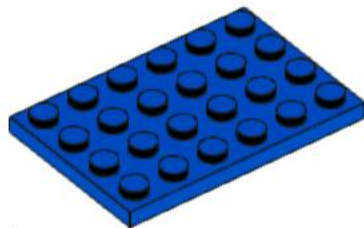
2x
3622
Blue



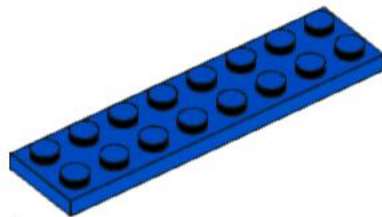
1x
3010
Blue



1x
3031
Blue



1x
3032
Blue



1x
3034
Blue



3x
3035
Blue



4x
3024
Trans-Clear



19x
3069
Trans-Dark Blue



26x
2431
Trans-Dark Blue



16x
15573
Pearl Gold