



*Arent Janszoon Ernststraat*

10811179

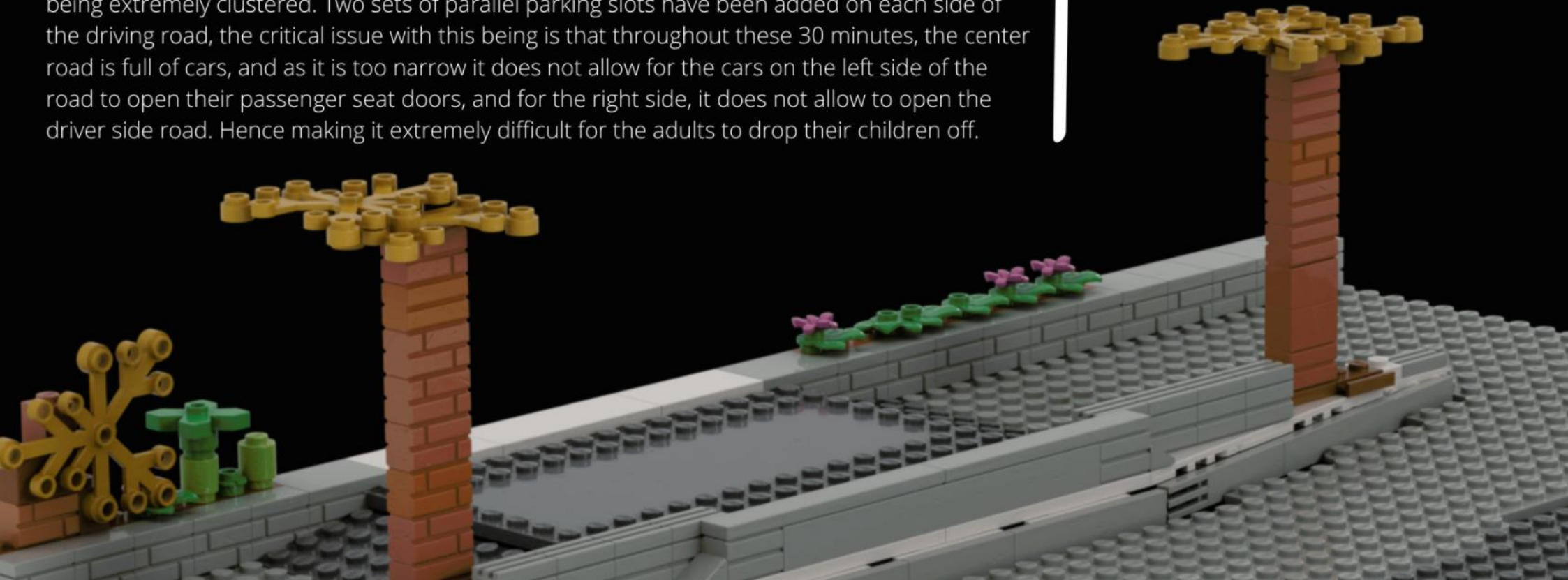


# The problem

Since the beginning of 2023, the road in front of the school's entrance has been chaotic during drop-off times for students, due to several issues with the road. The main target audience set for this unit is the parents/guardians that drop their children off at school and later on go to work or home. A primary problem is misuse of space around the area, there are unnecessary large walking paths, extra green life which is not being nourished properly, and the driving road is too narrow for the doors to open.

The main issue is the concept of how primary school children must get dropped off. During the times of 08:00 - 08:30, the majority of the whole primary school comes to be dropped off by car, with the exception of some students who travel via tram or bike. This resulted in the front road being extremely clustered. Two sets of parallel parking slots have been added on each side of the driving road, the critical issue with this being is that throughout these 30 minutes, the center road is full of cars, and as it is too narrow it does not allow for the cars on the left side of the road to open their passenger seat doors, and for the right side, it does not allow to open the driver side road. Hence making it extremely difficult for the adults to drop their children off.

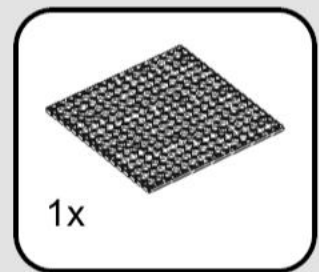
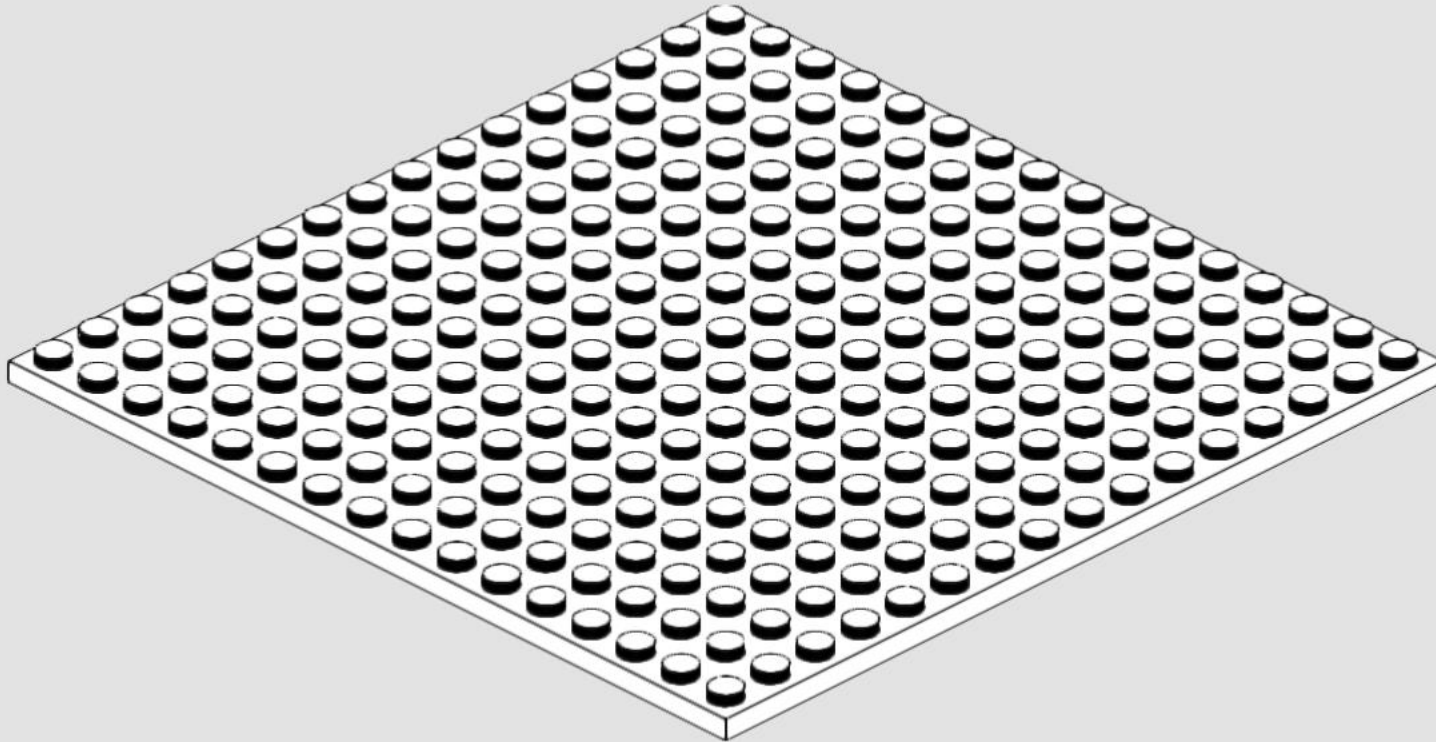
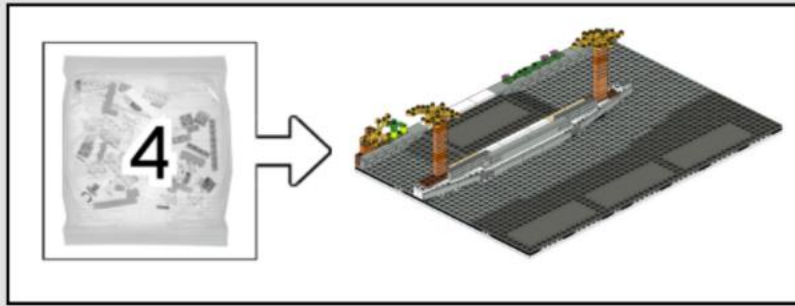
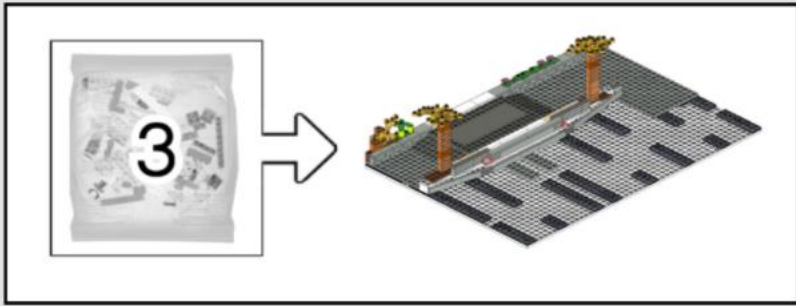
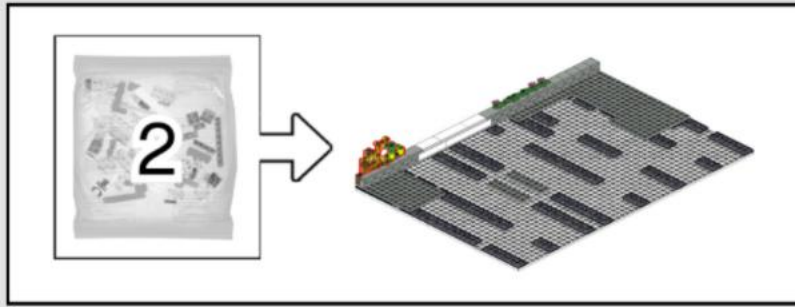
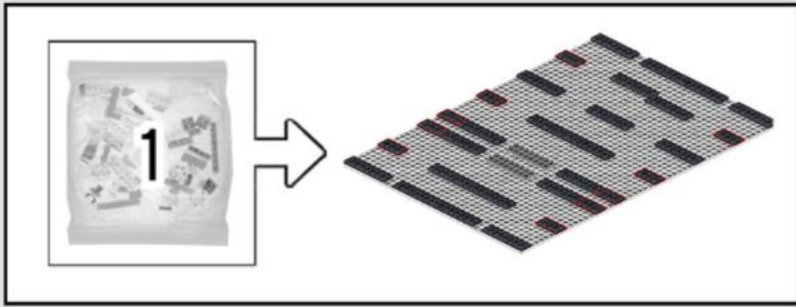
This Lego set targets the urban landscaping of a small section in front of the school, AICS. With the research done on urban landscapes, I have been able to construct a physical model, this instruction booklet is a step-by-step guide to recreate the same model using Lego bricks, all pieces are listed at the end of the book.





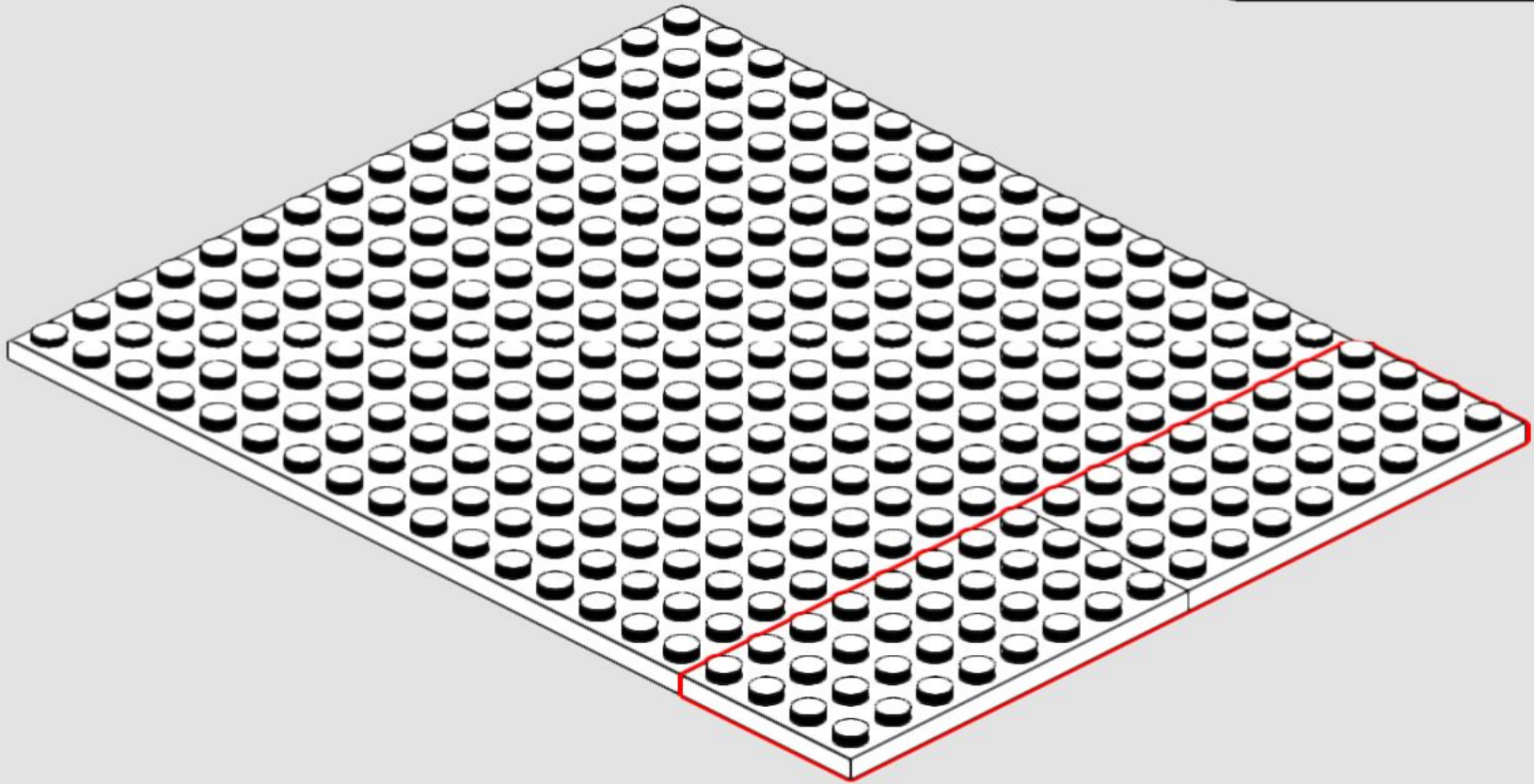
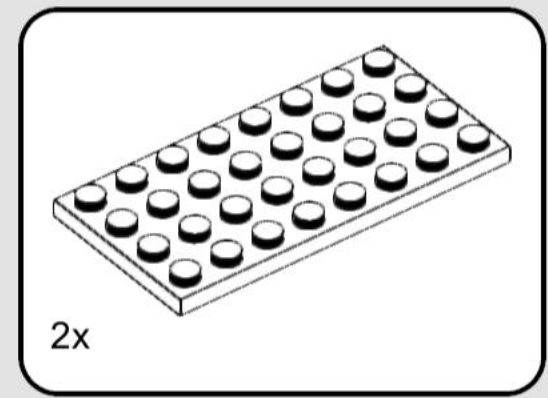
[LEGO.com/brickseparator](https://LEGO.com/brickseparator)



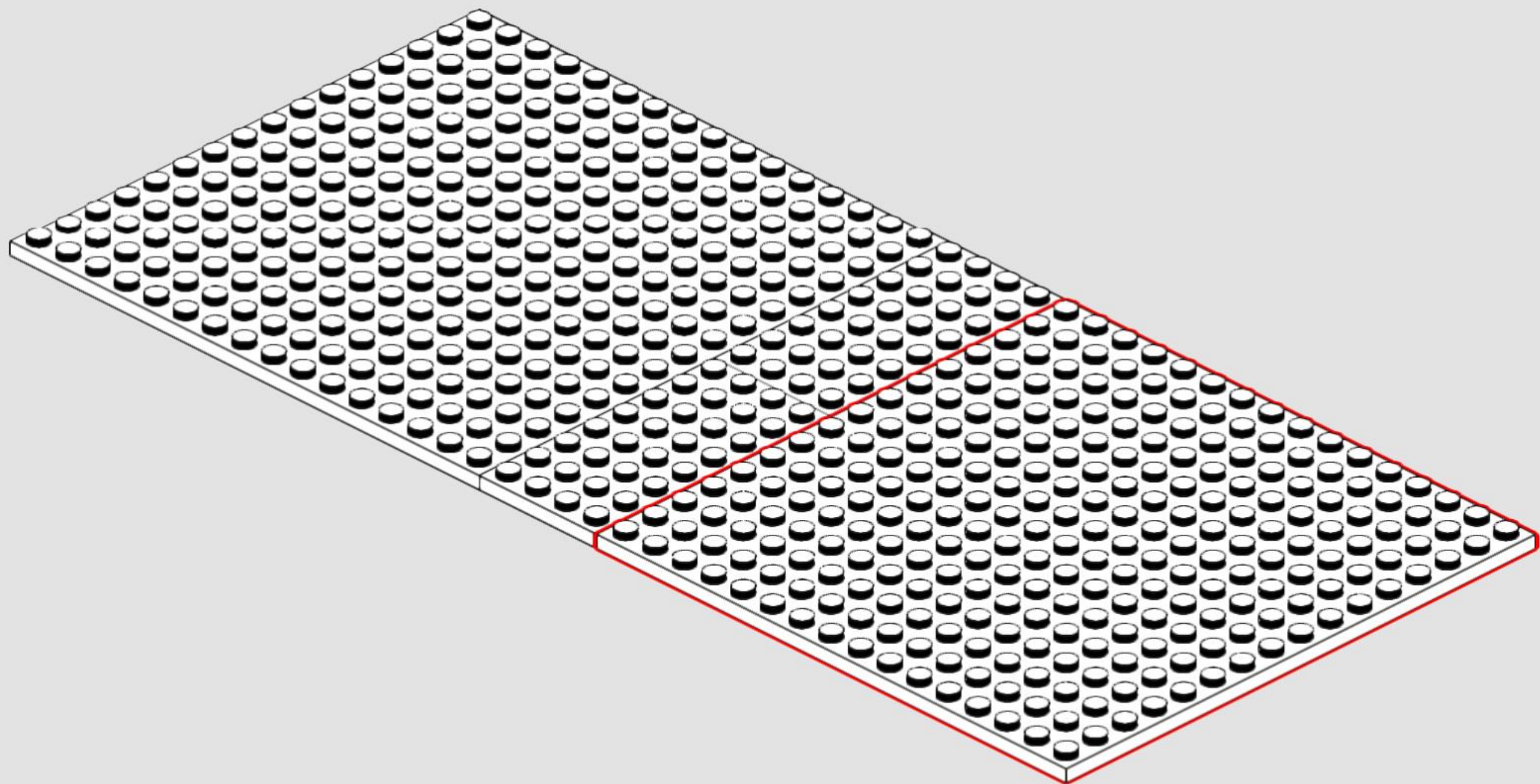
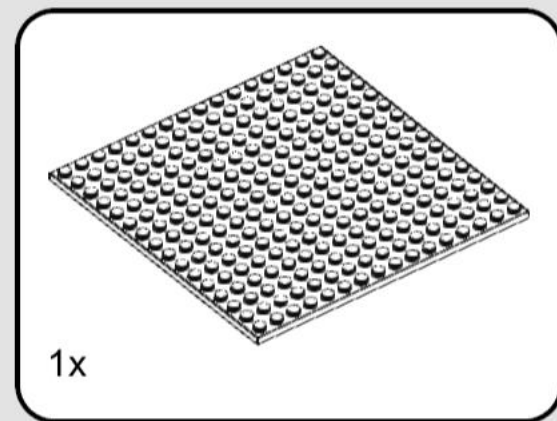




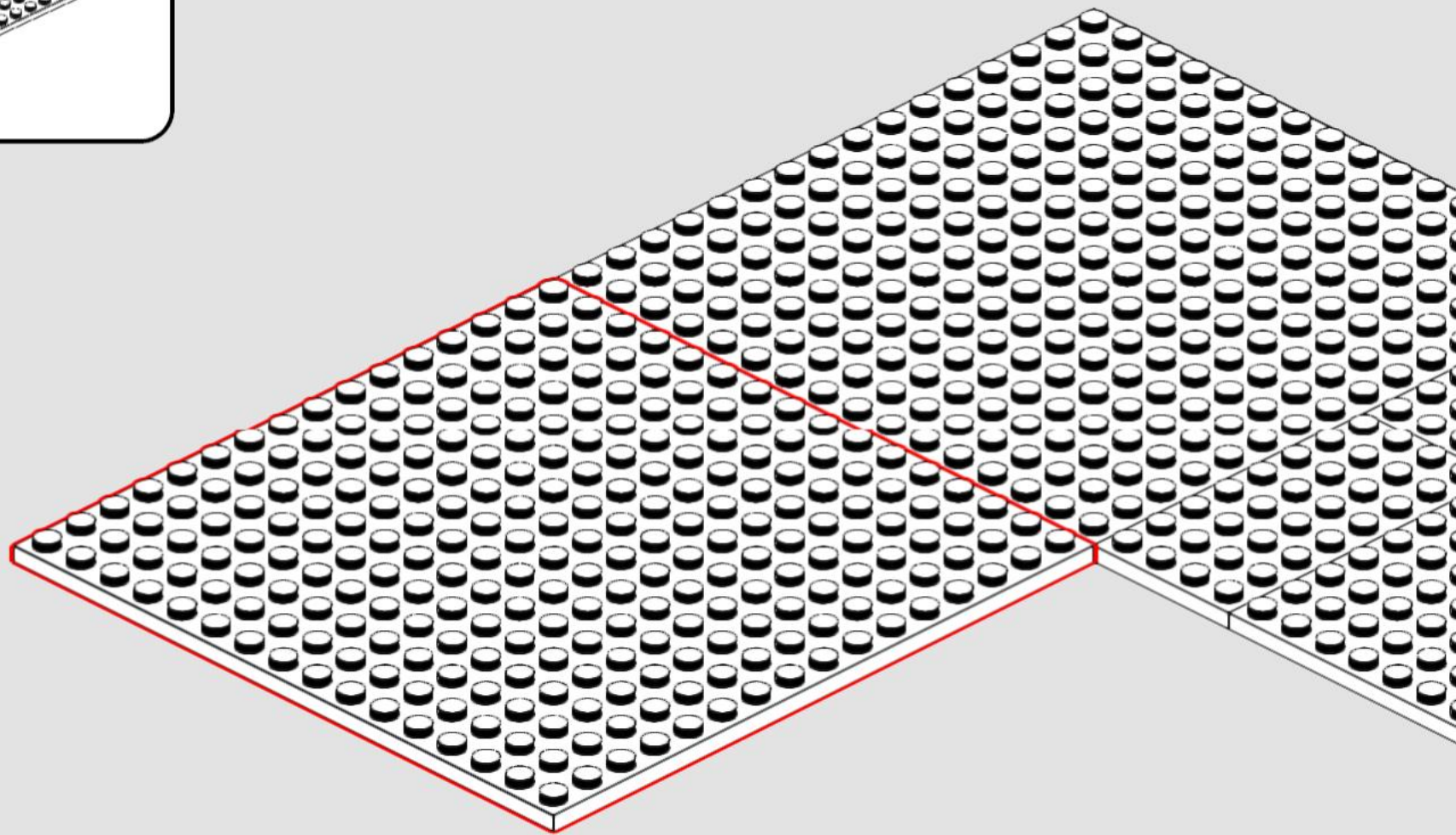
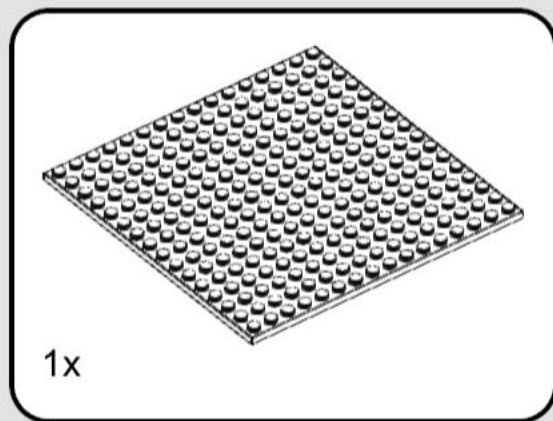
2



3

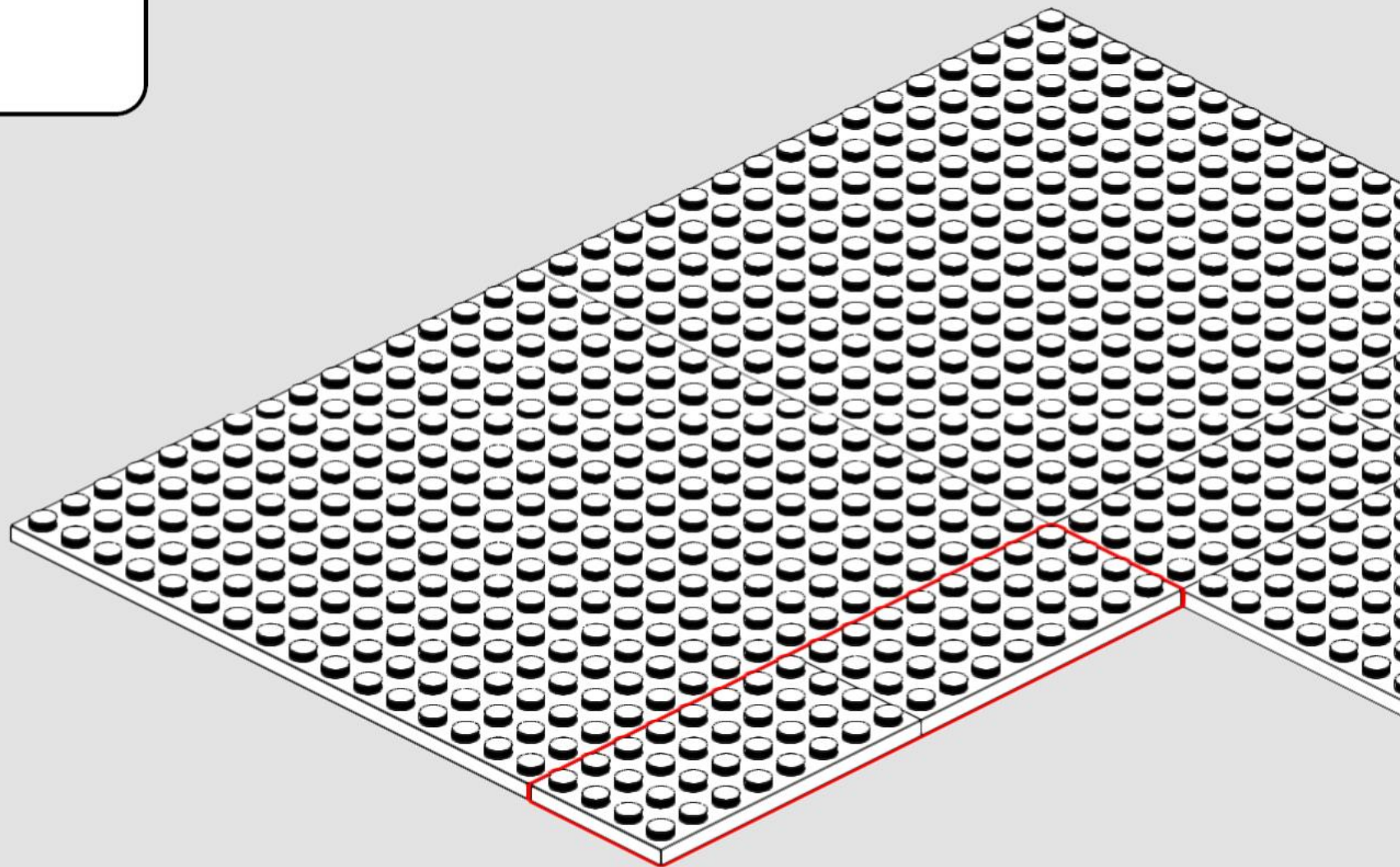
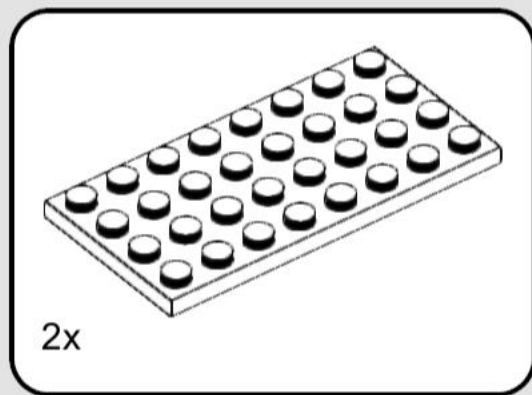


4

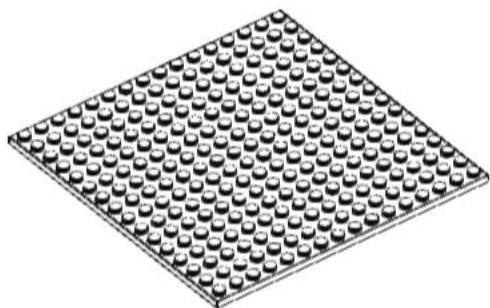
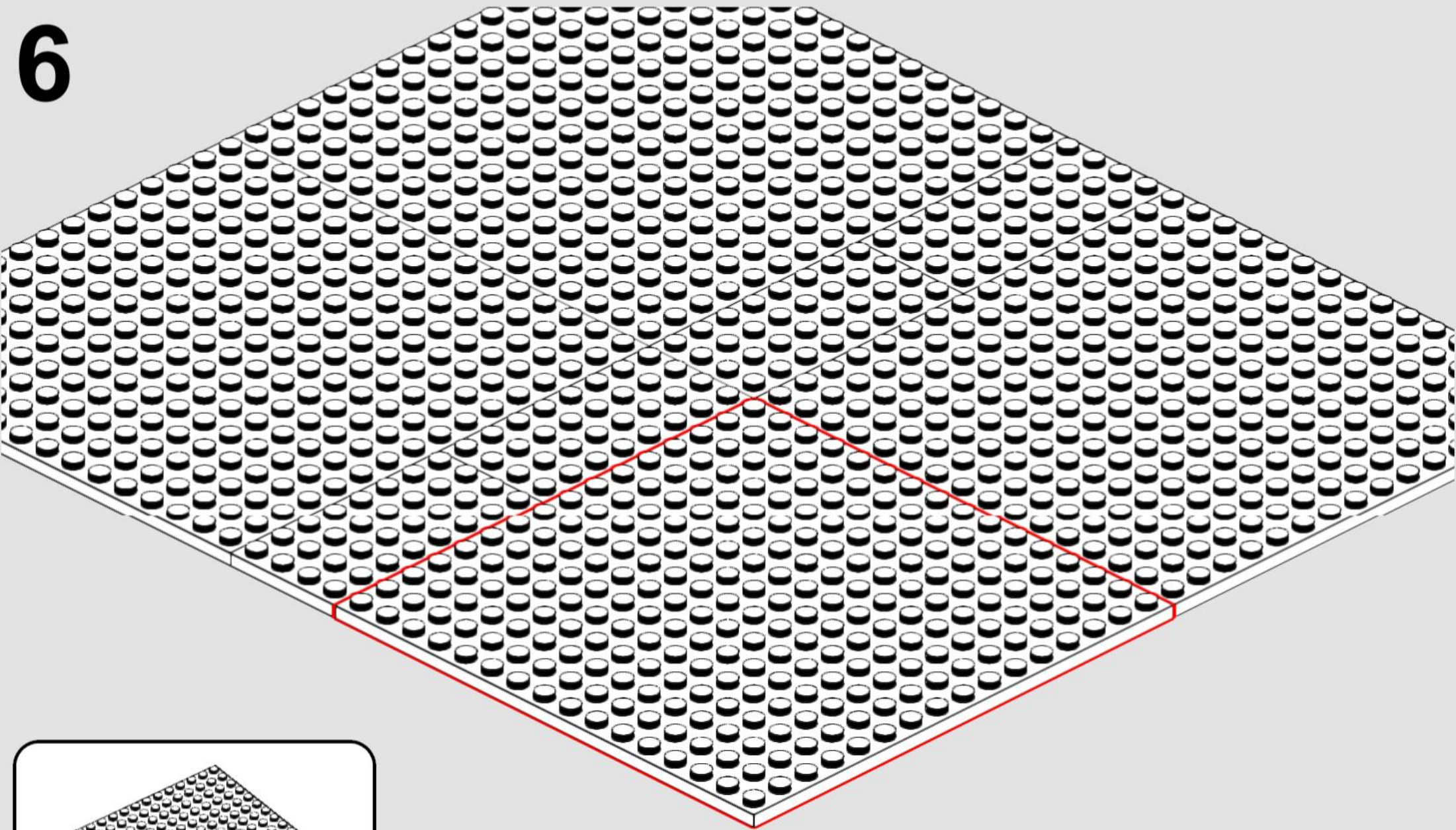




5



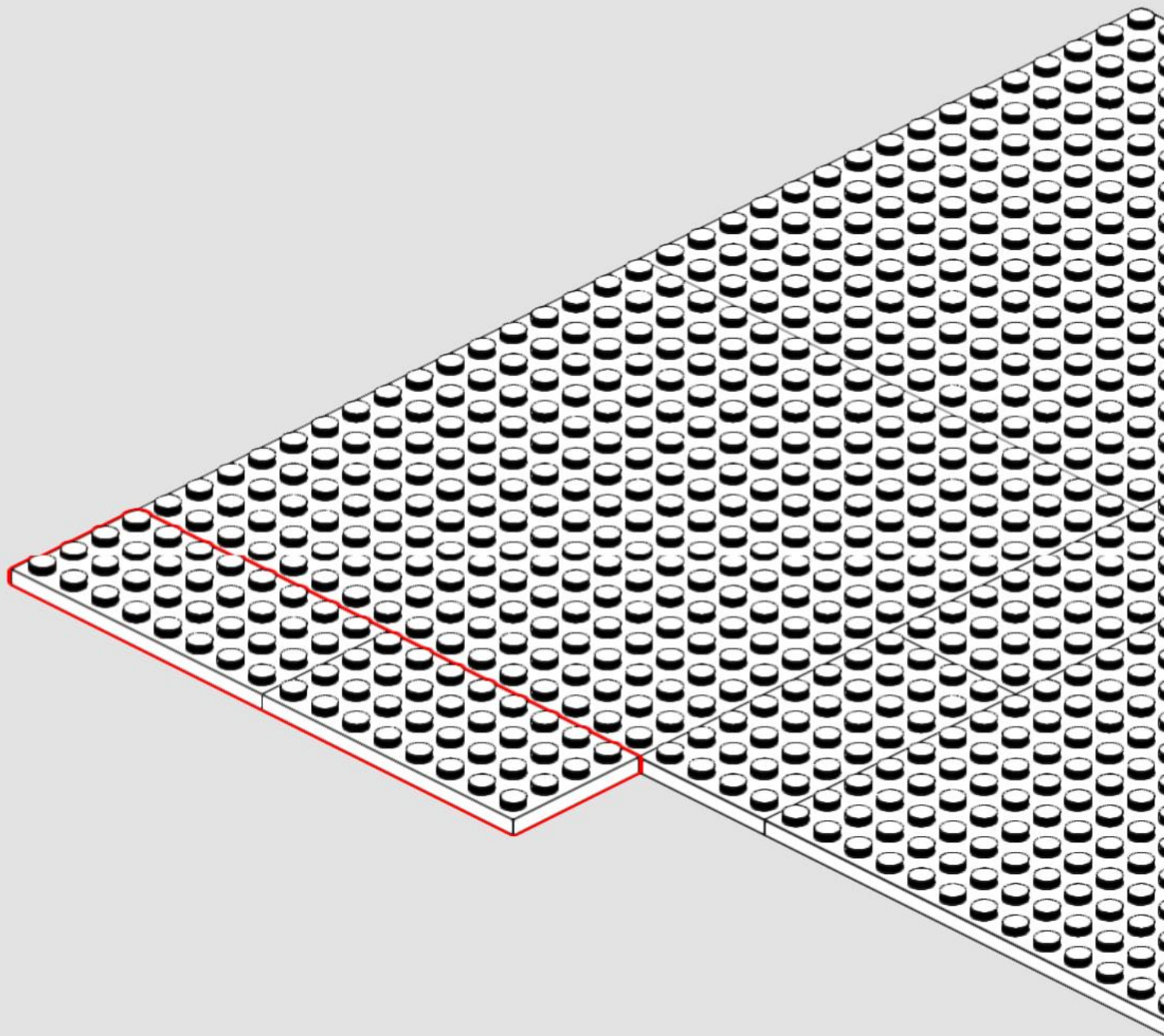
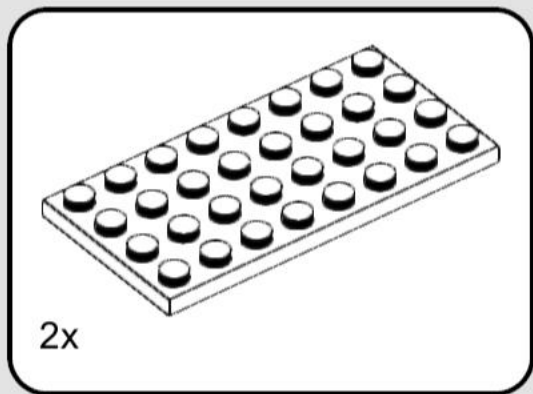
6



1x

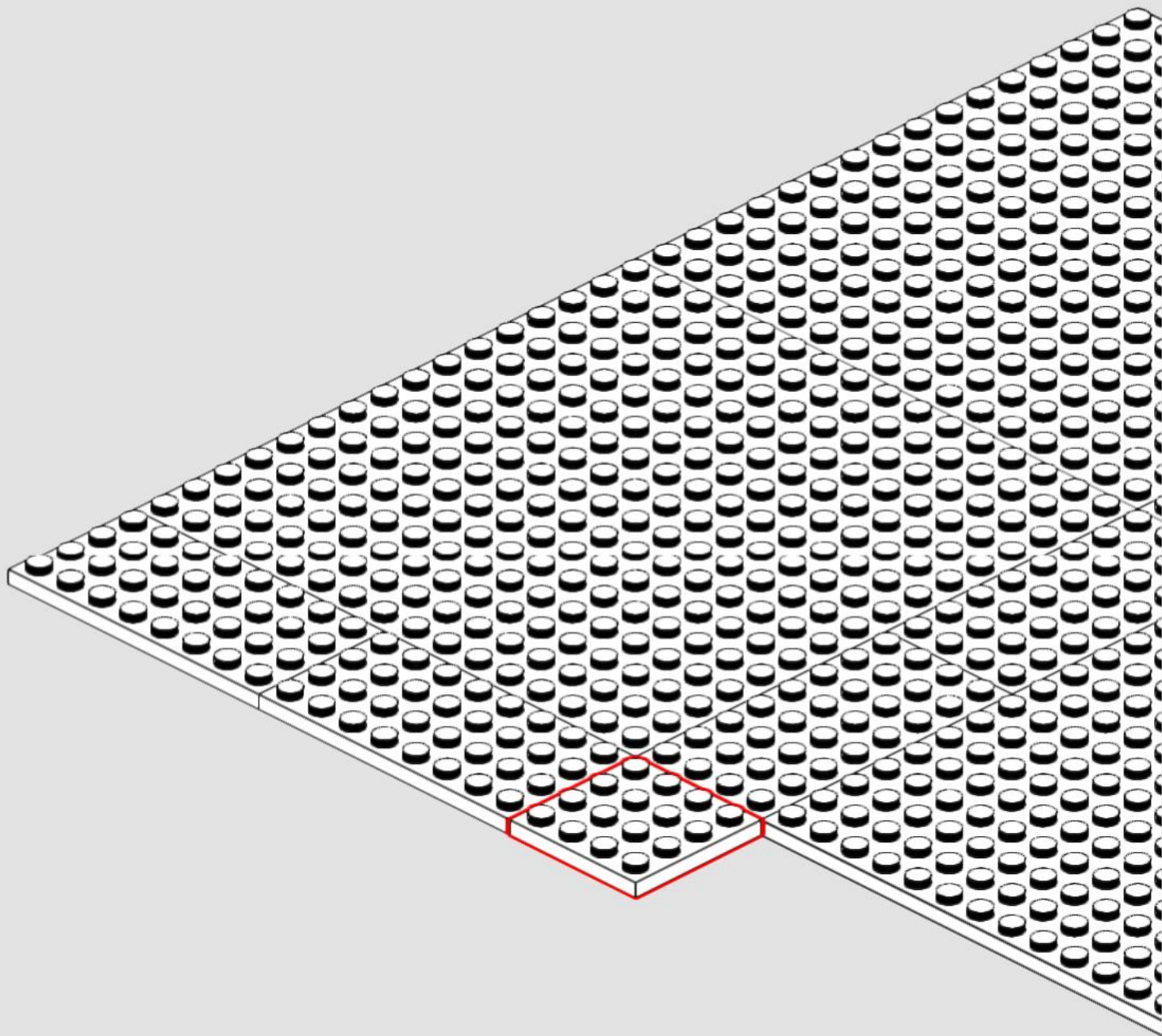
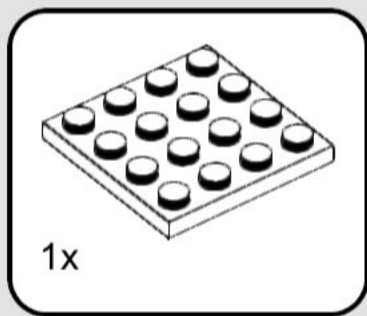


7

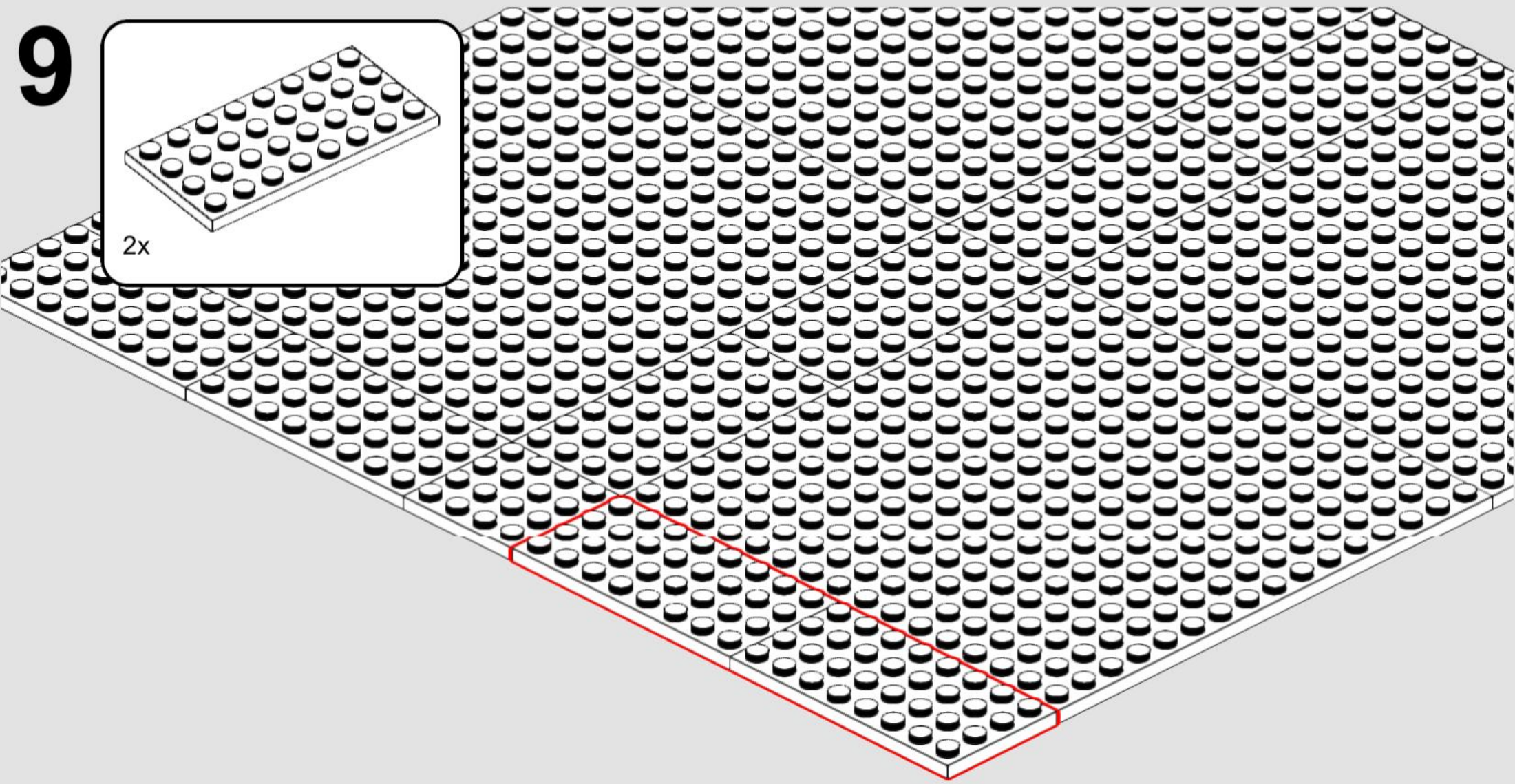
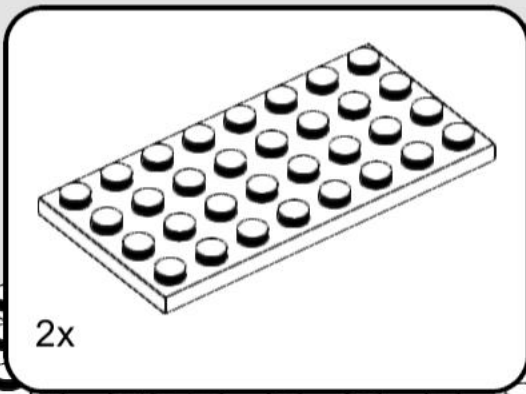




8

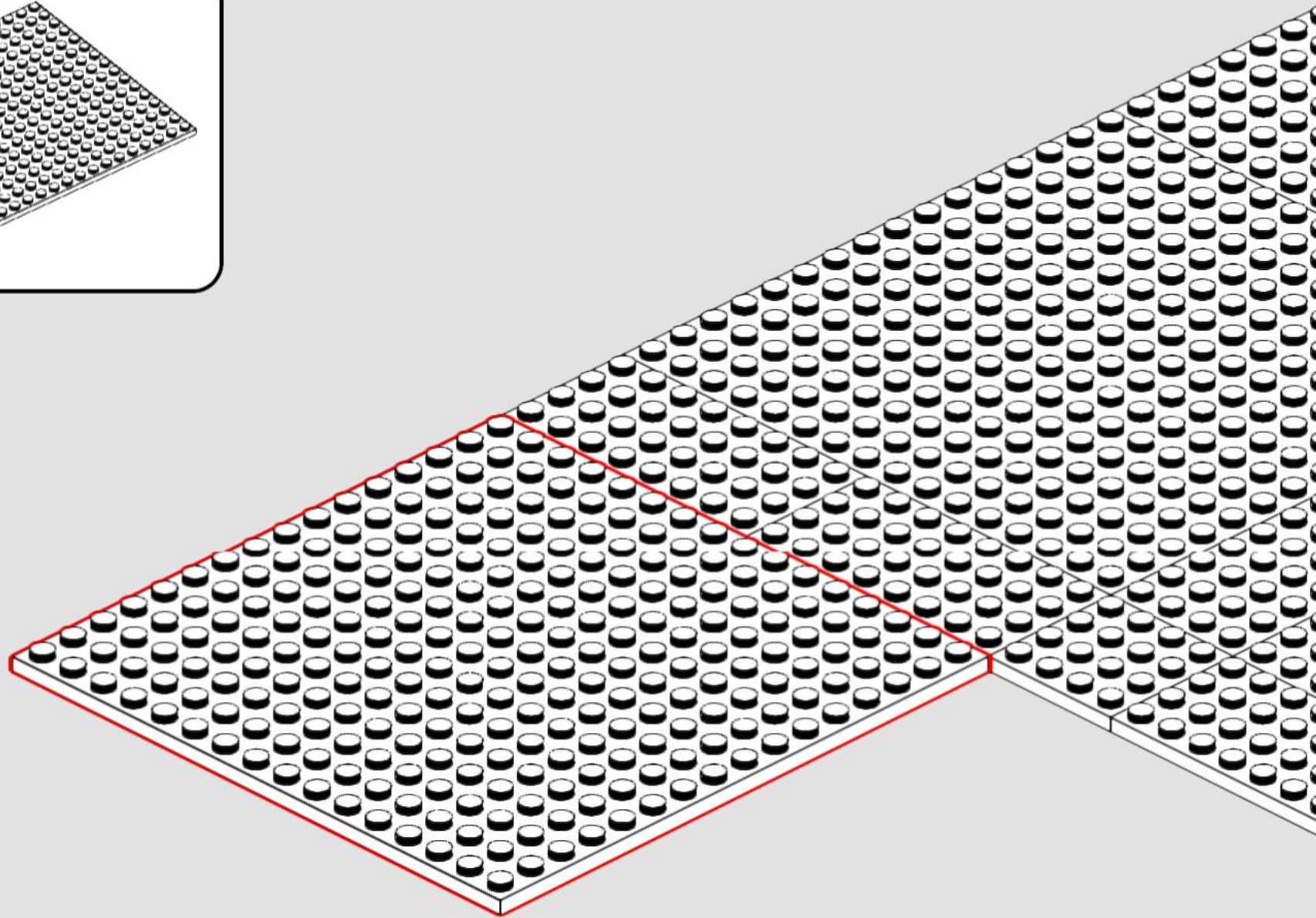
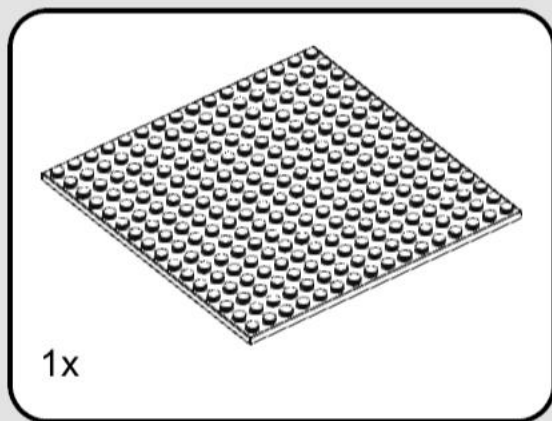


9

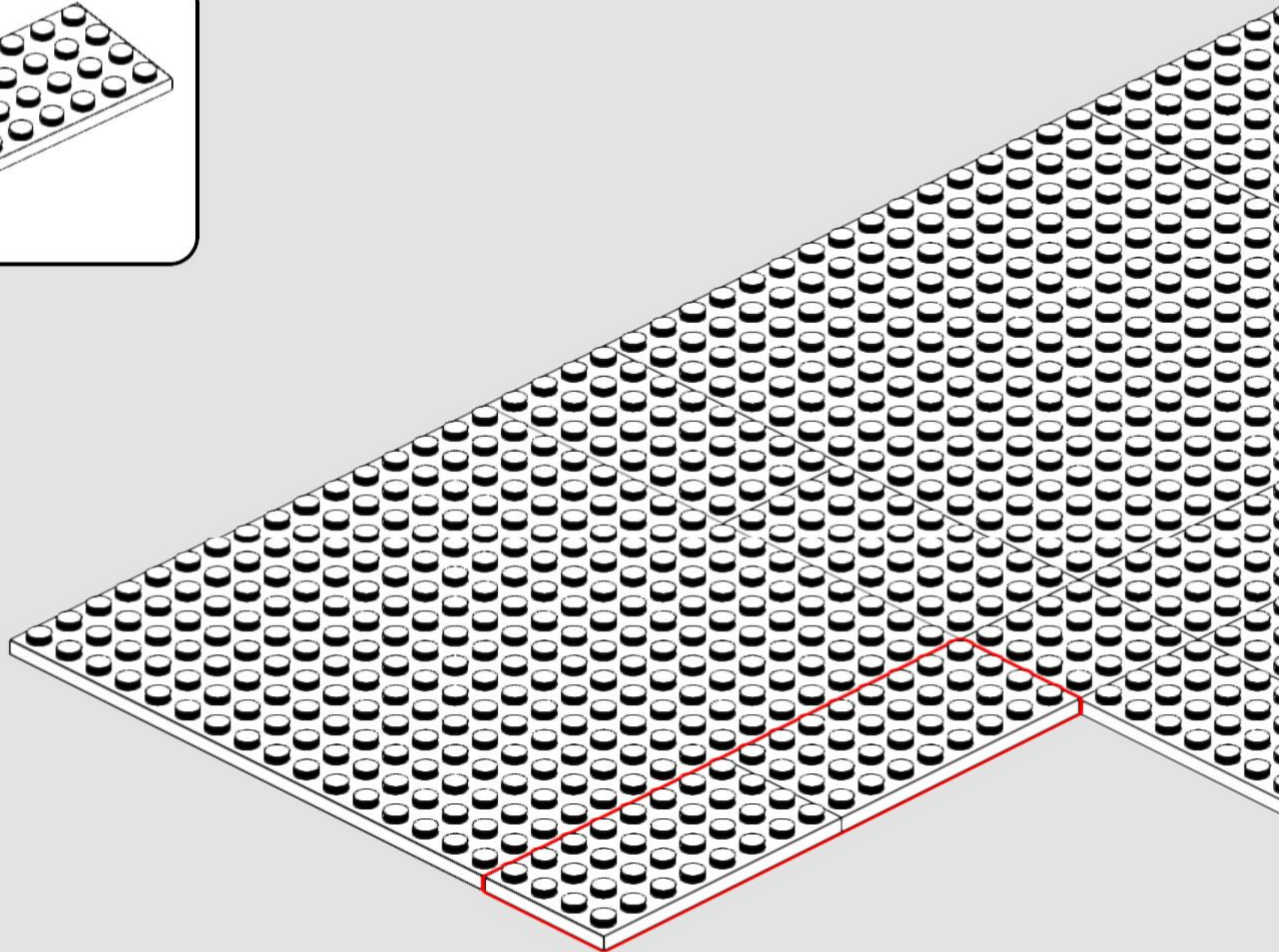
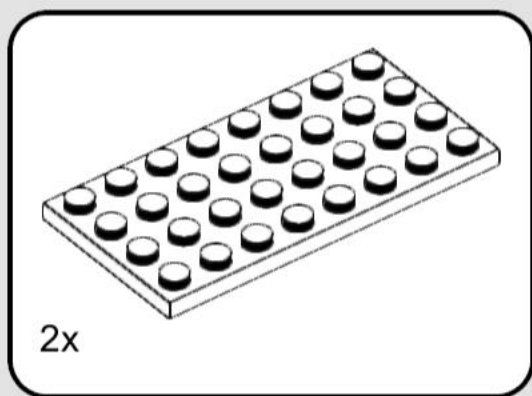




# 10

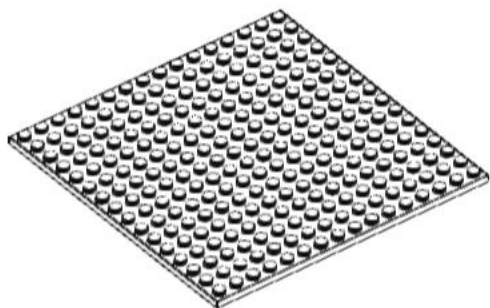
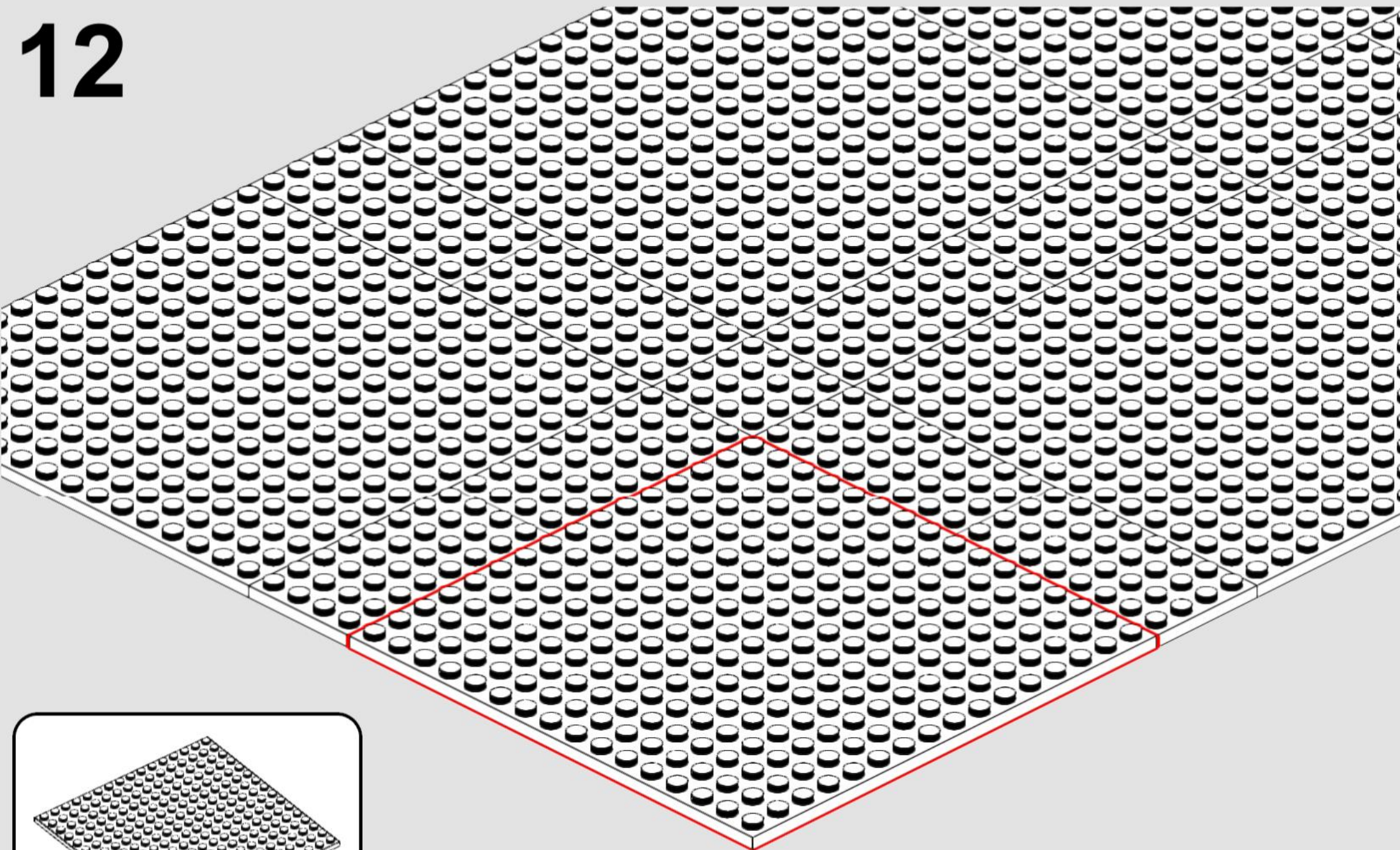


# 11





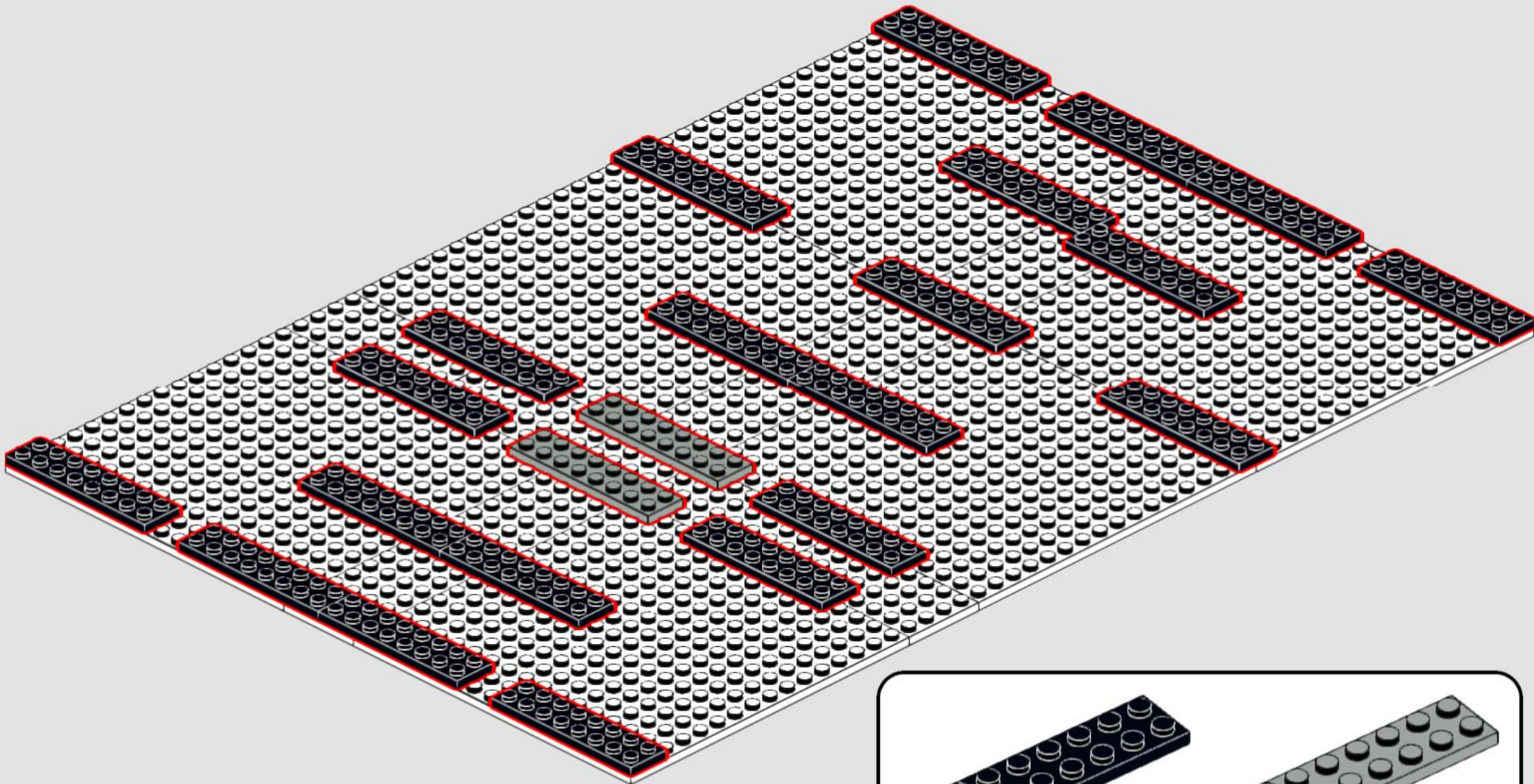
# 12



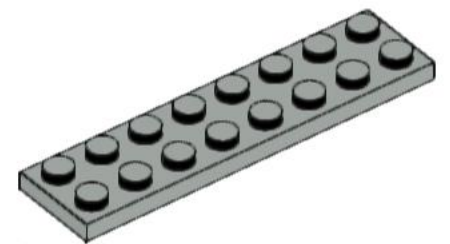
1x



# 13



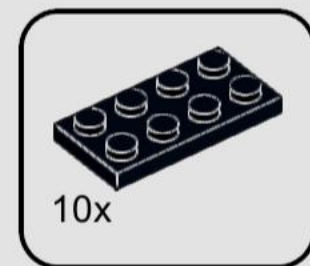
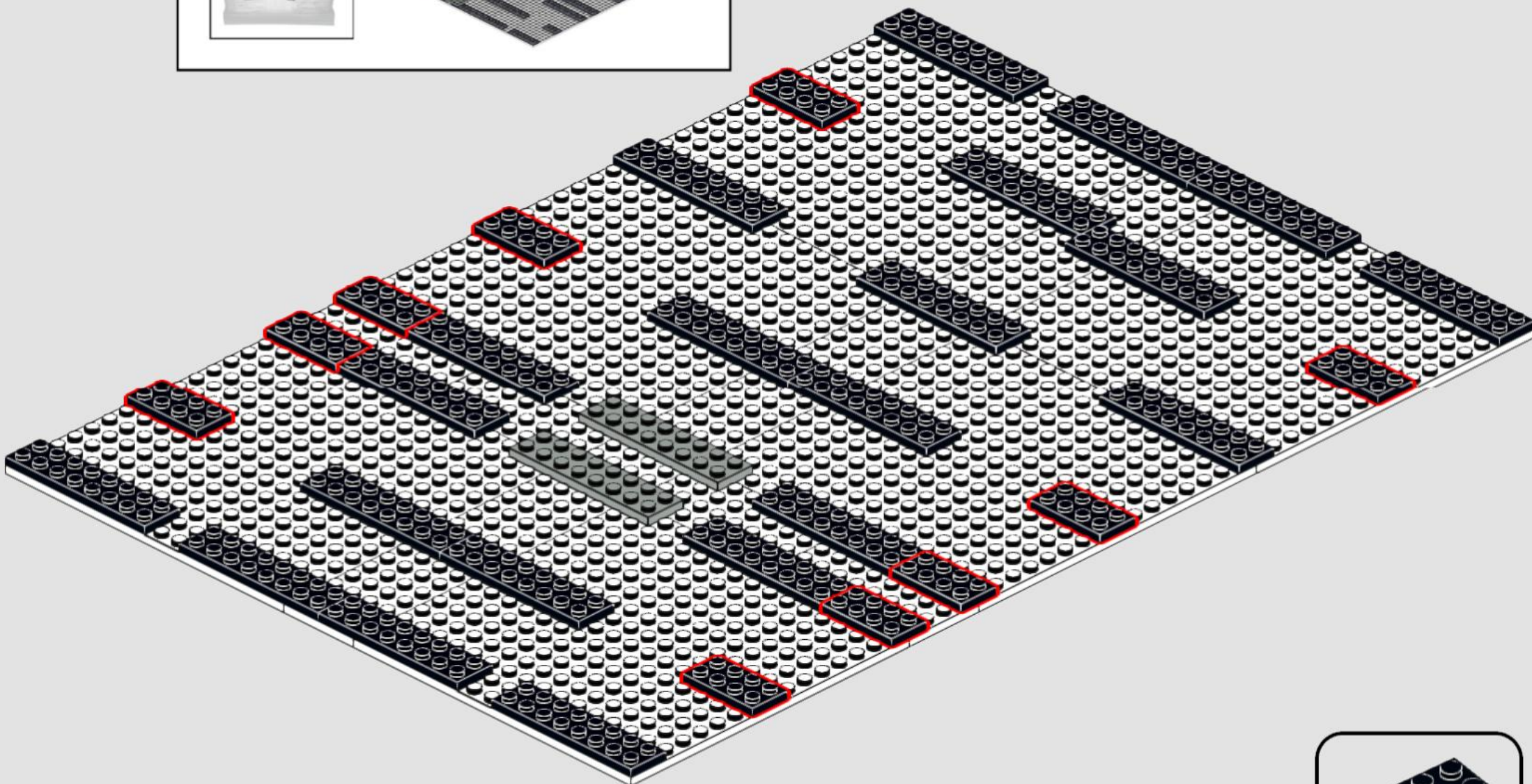
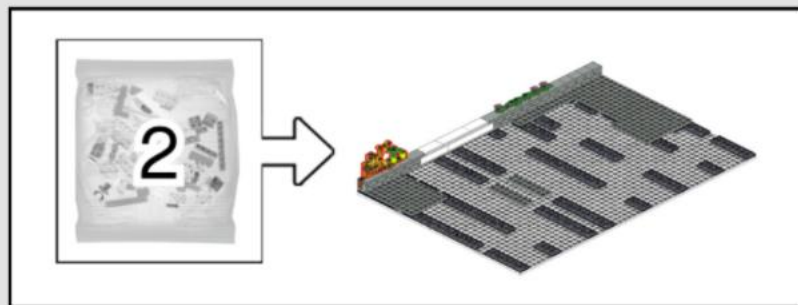
21x



2x

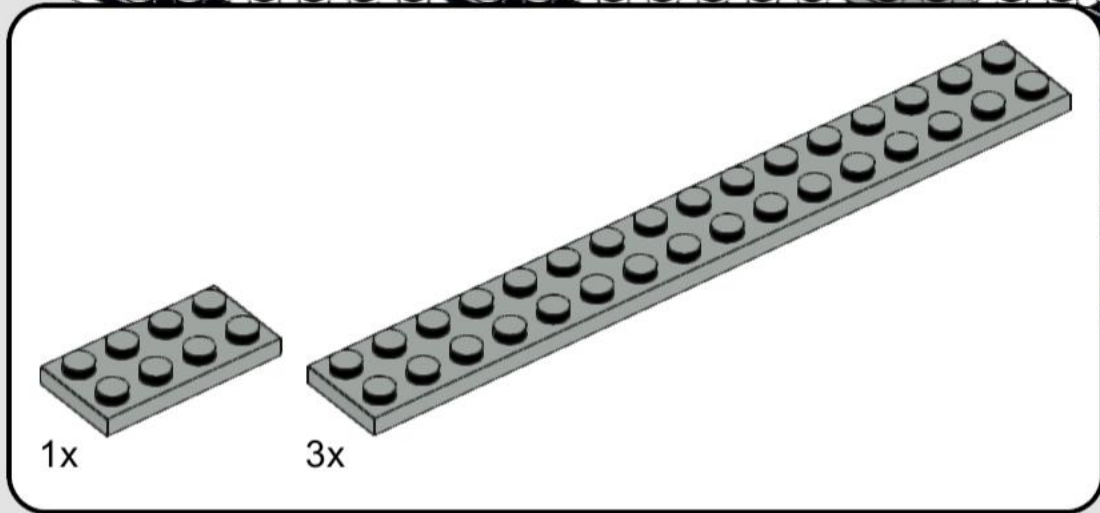
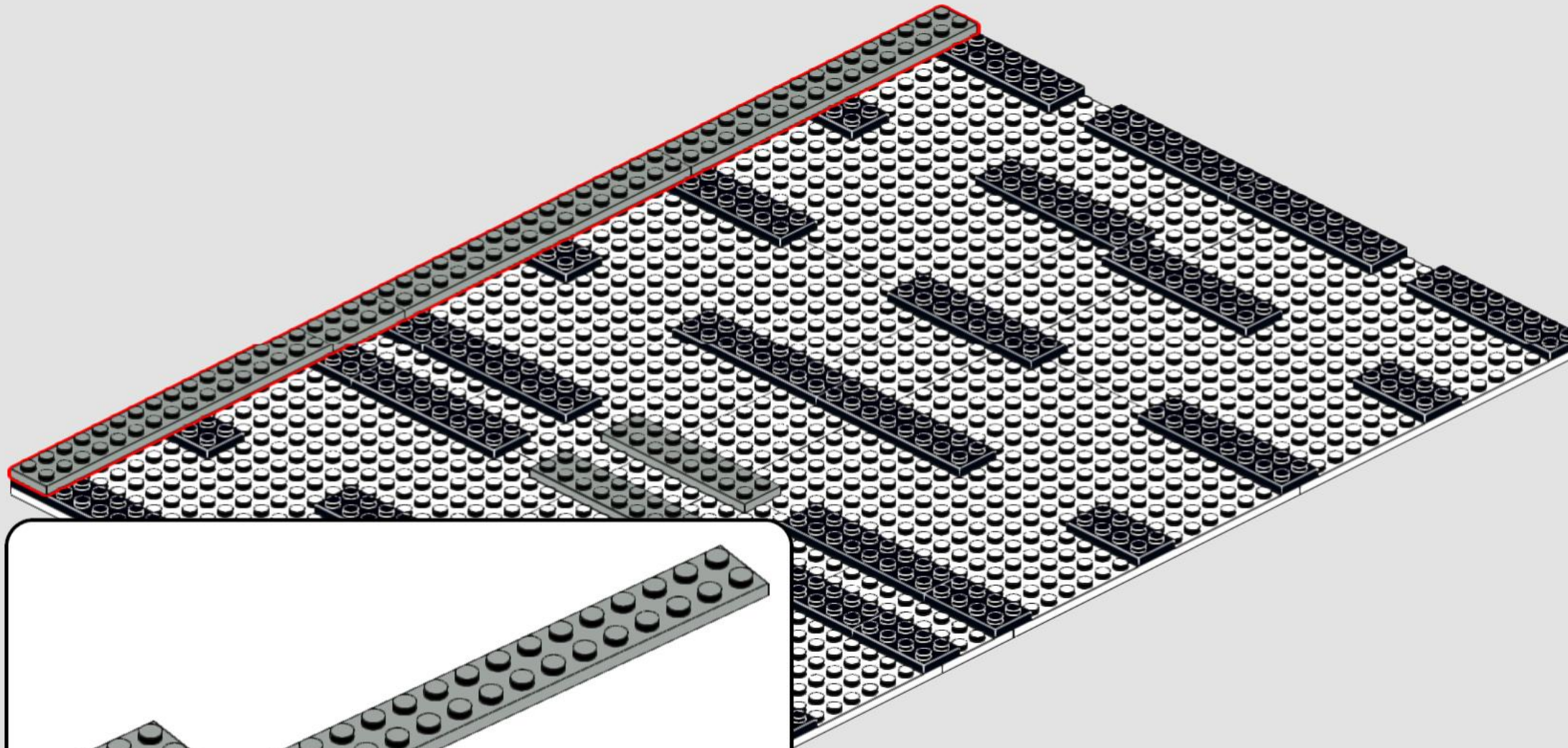


# 14



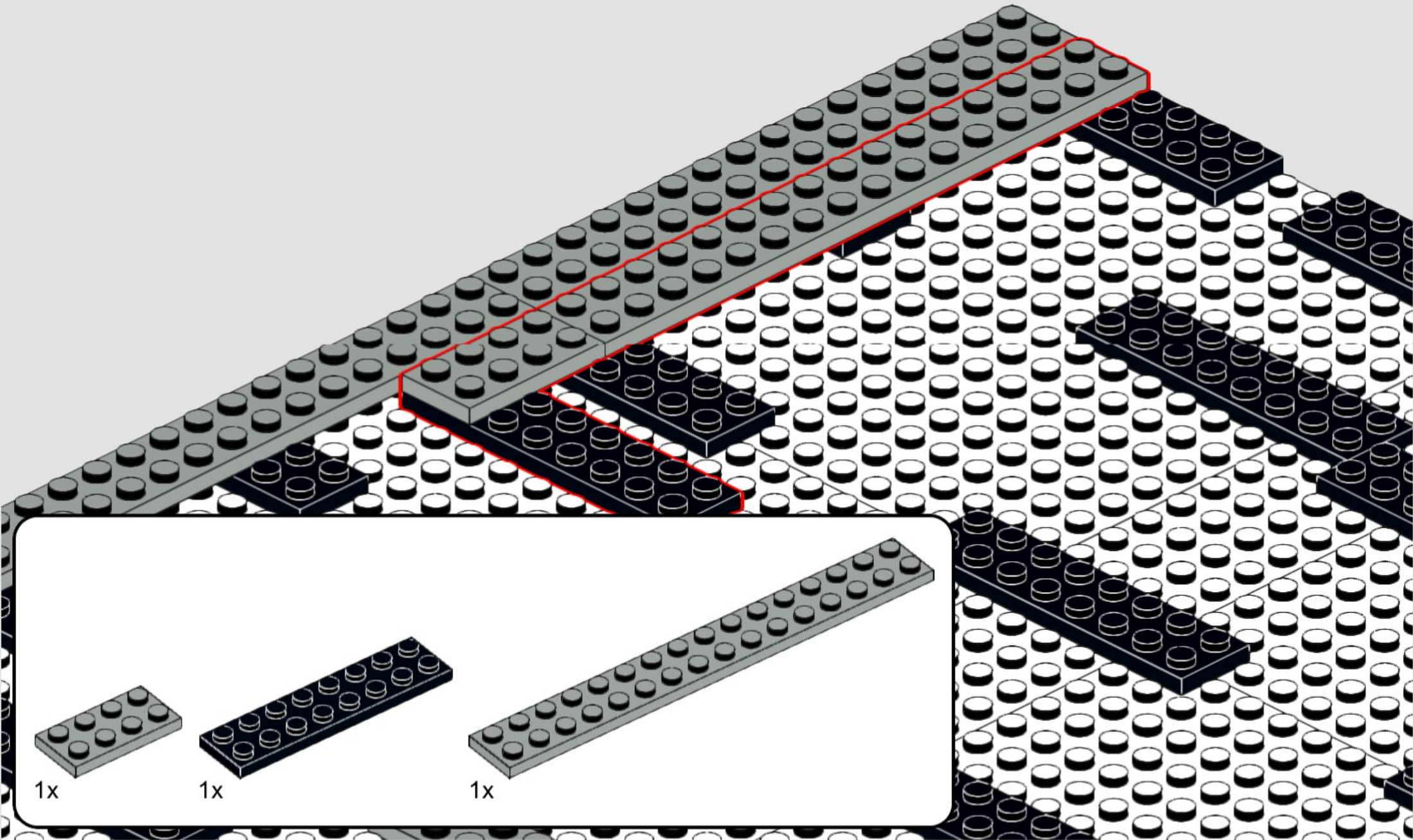


# 15



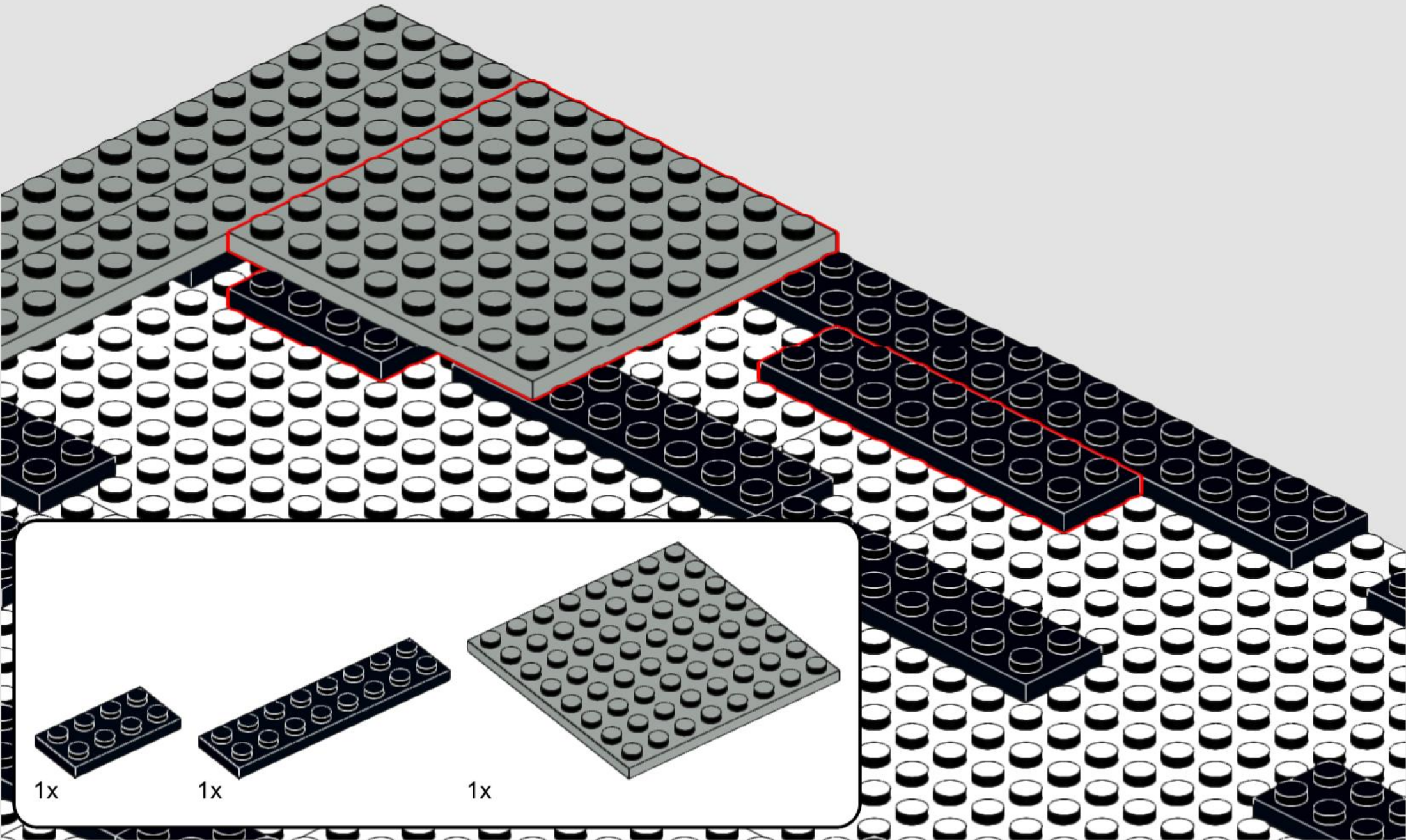


# 16



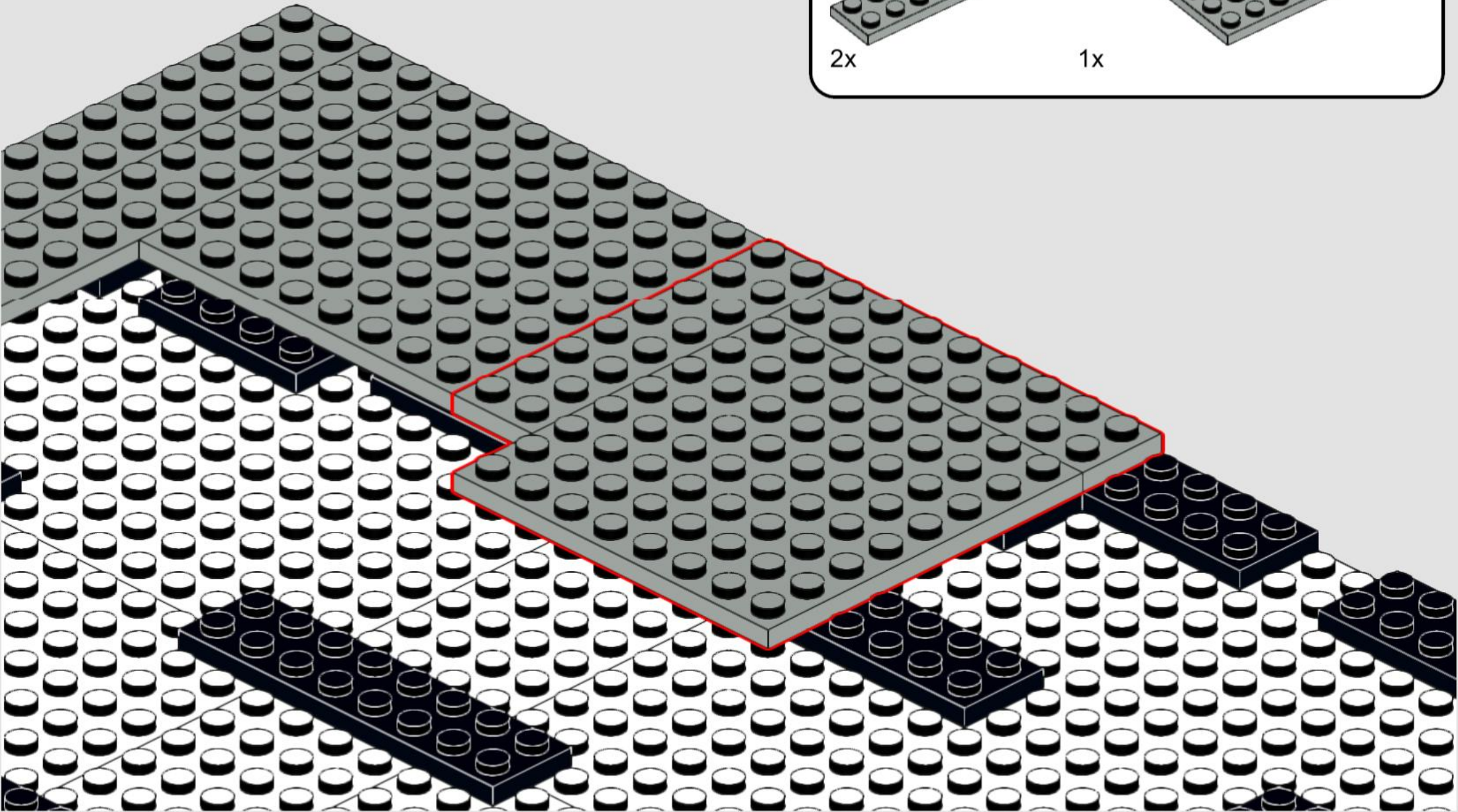
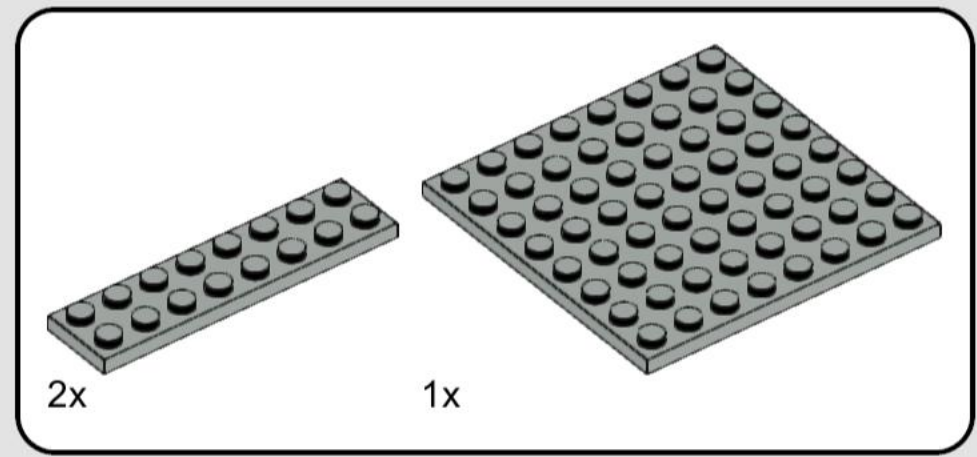


# 17



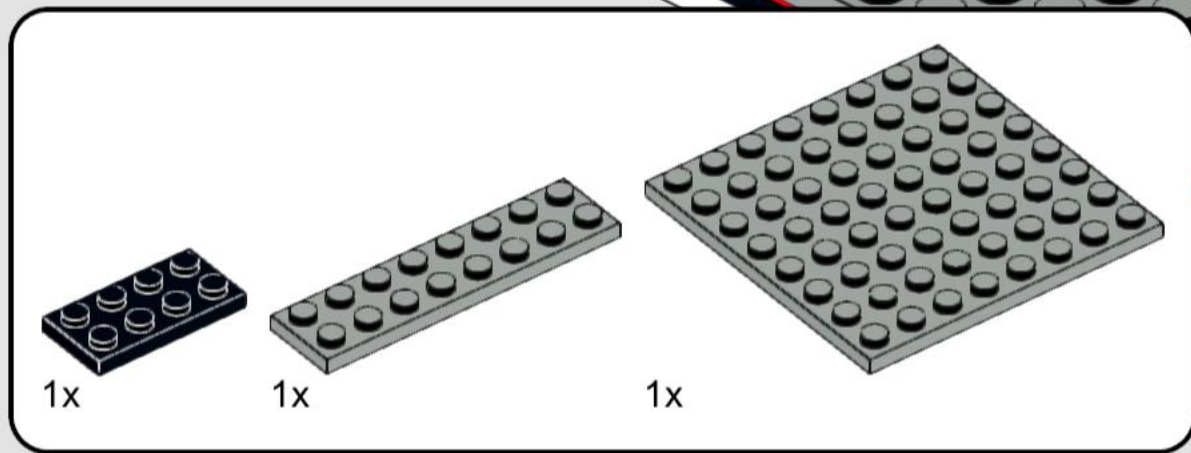
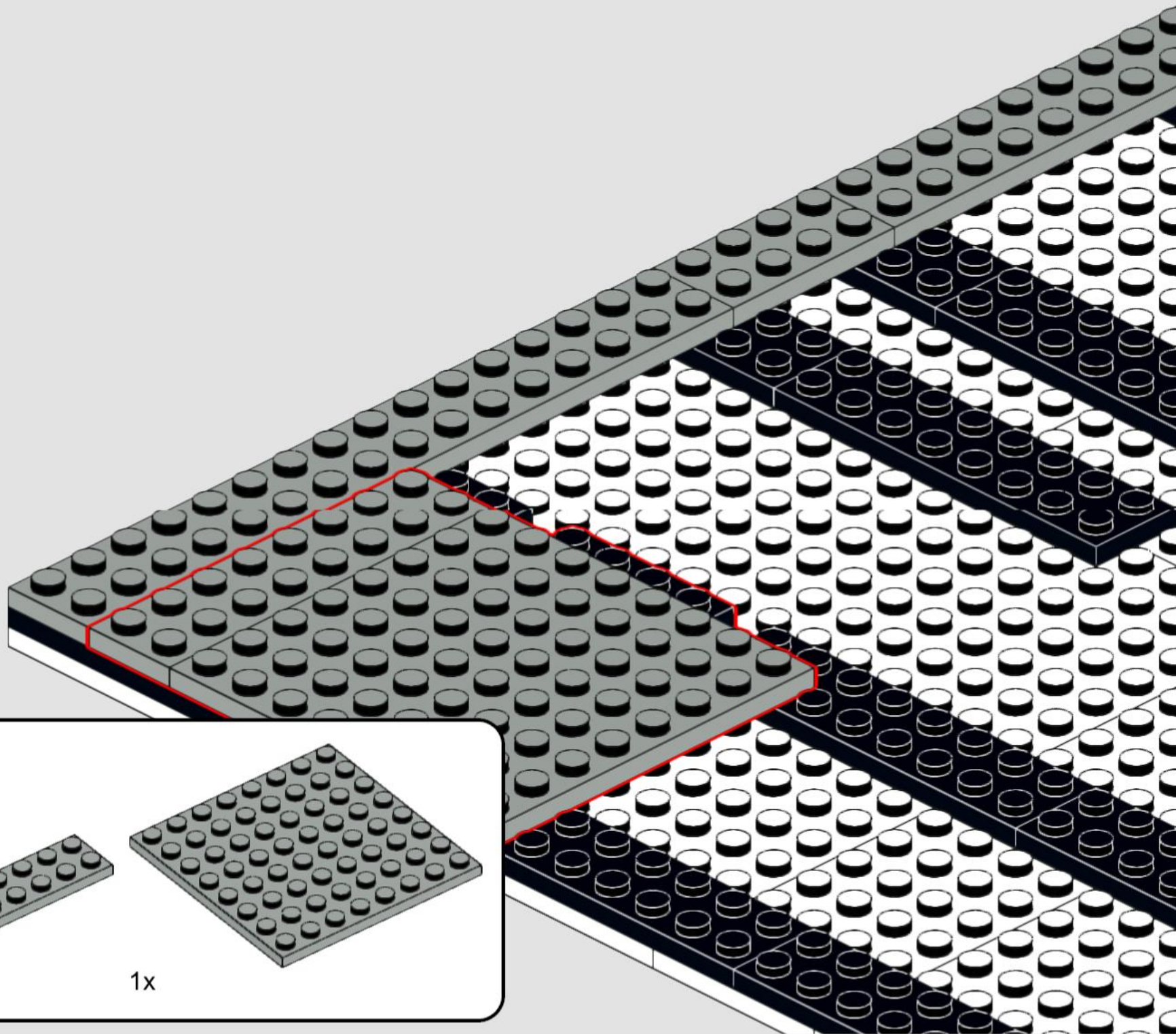


# 18



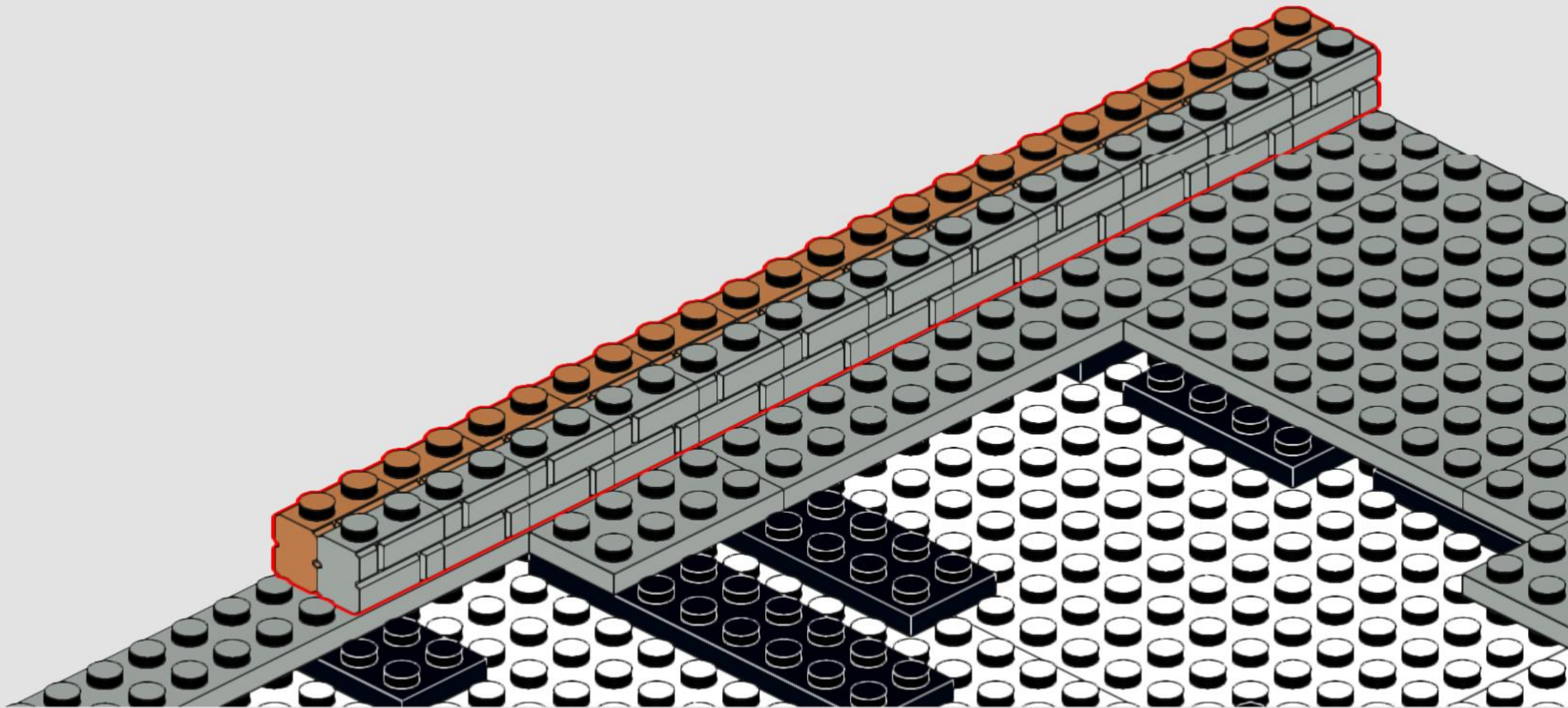
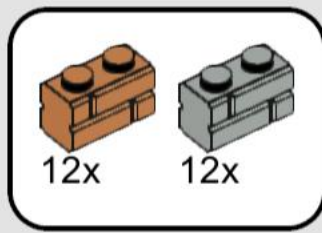


# 19

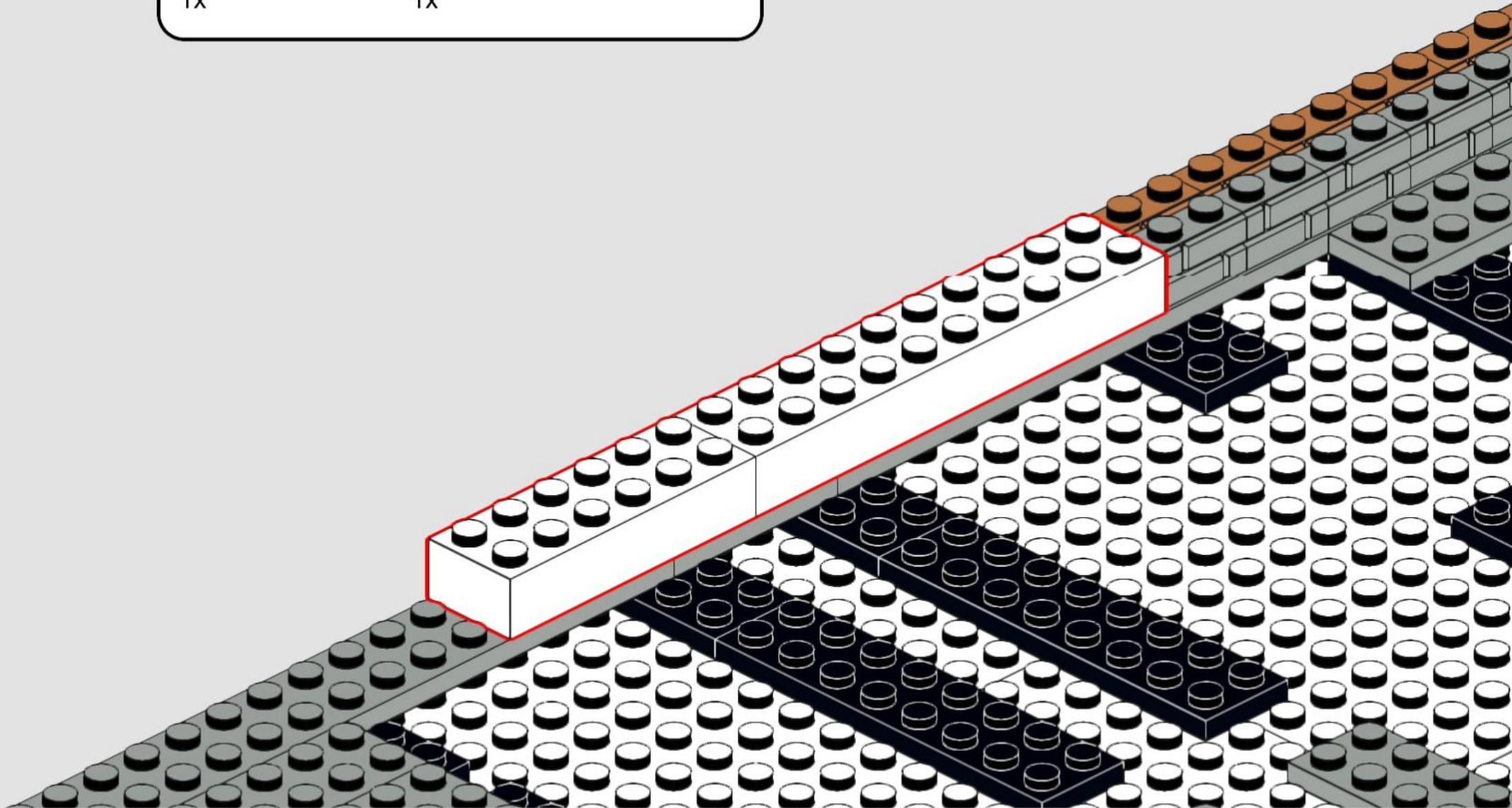
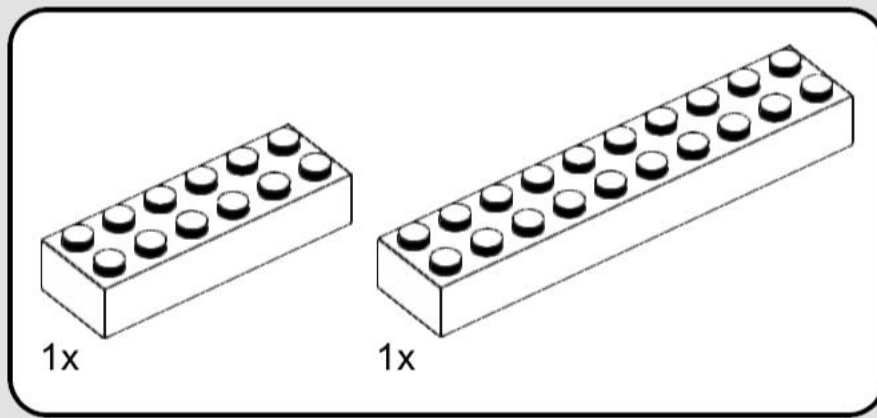




# 20

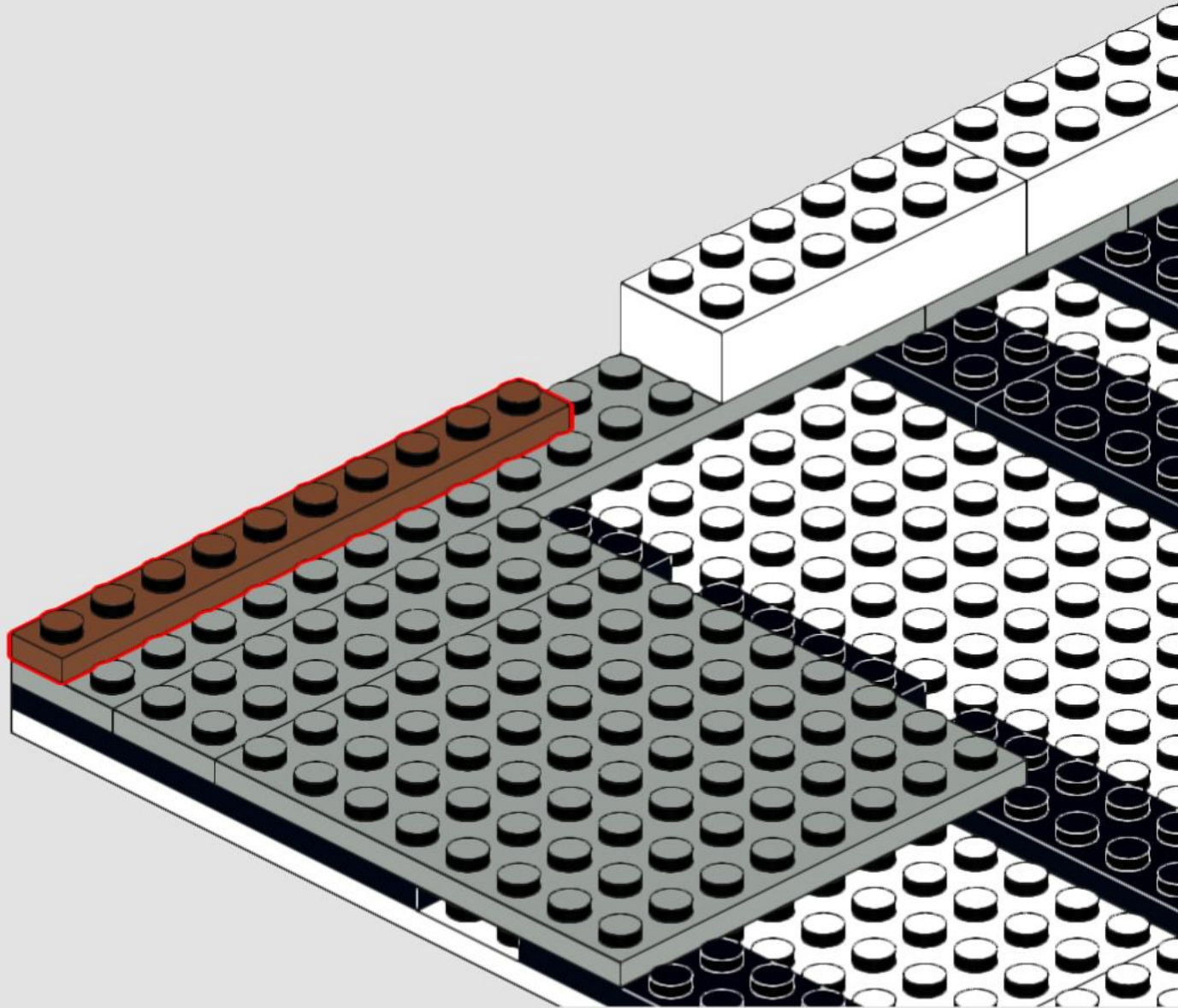
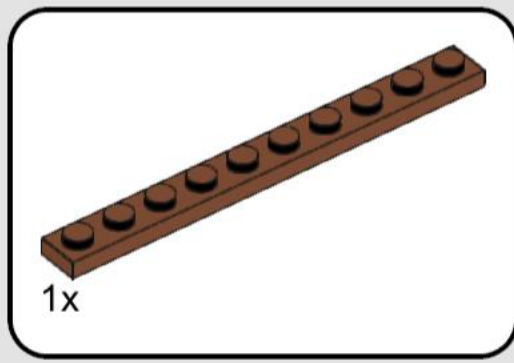


# 21

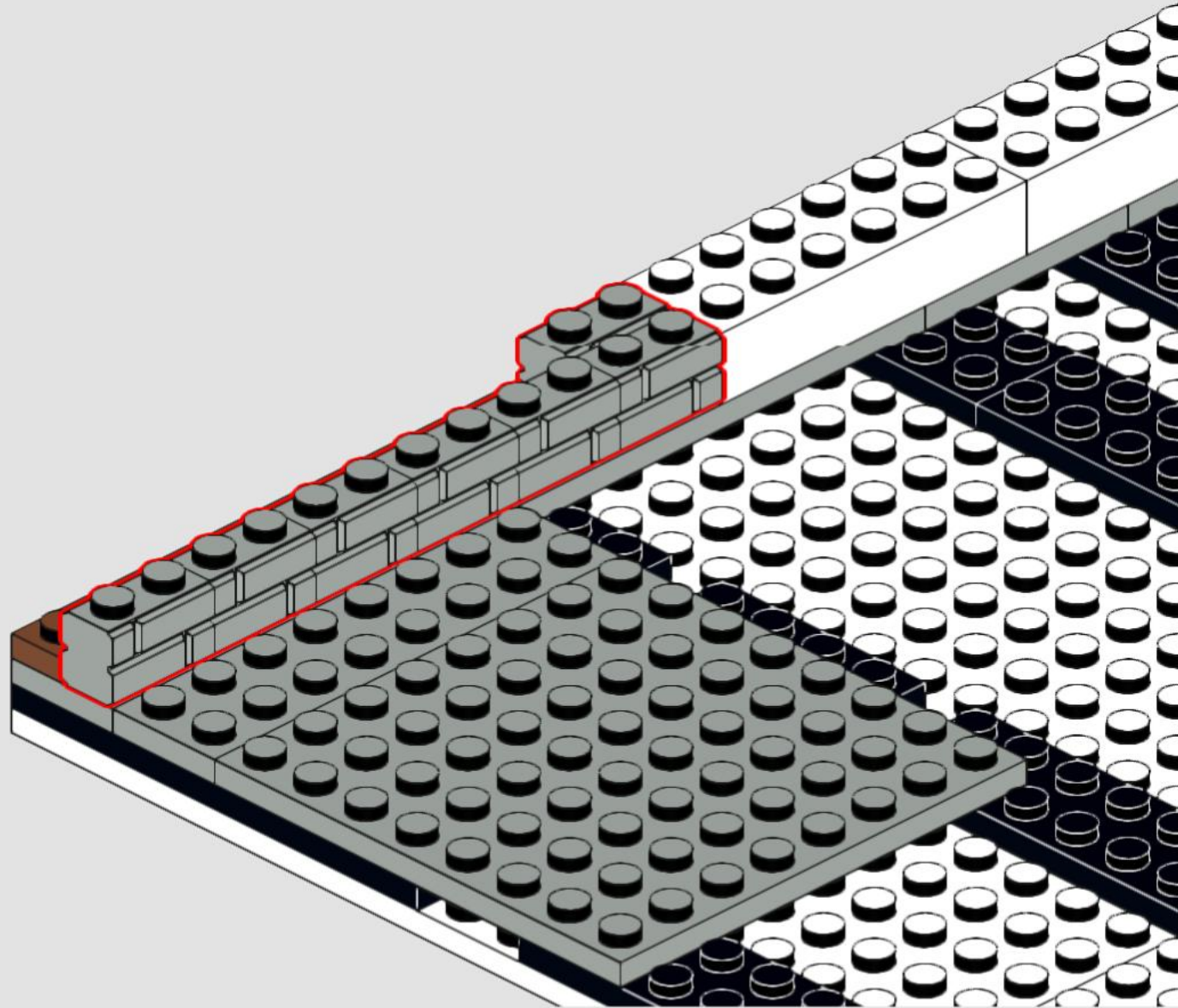
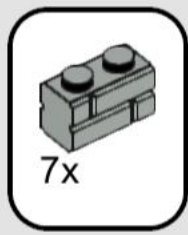




# 22

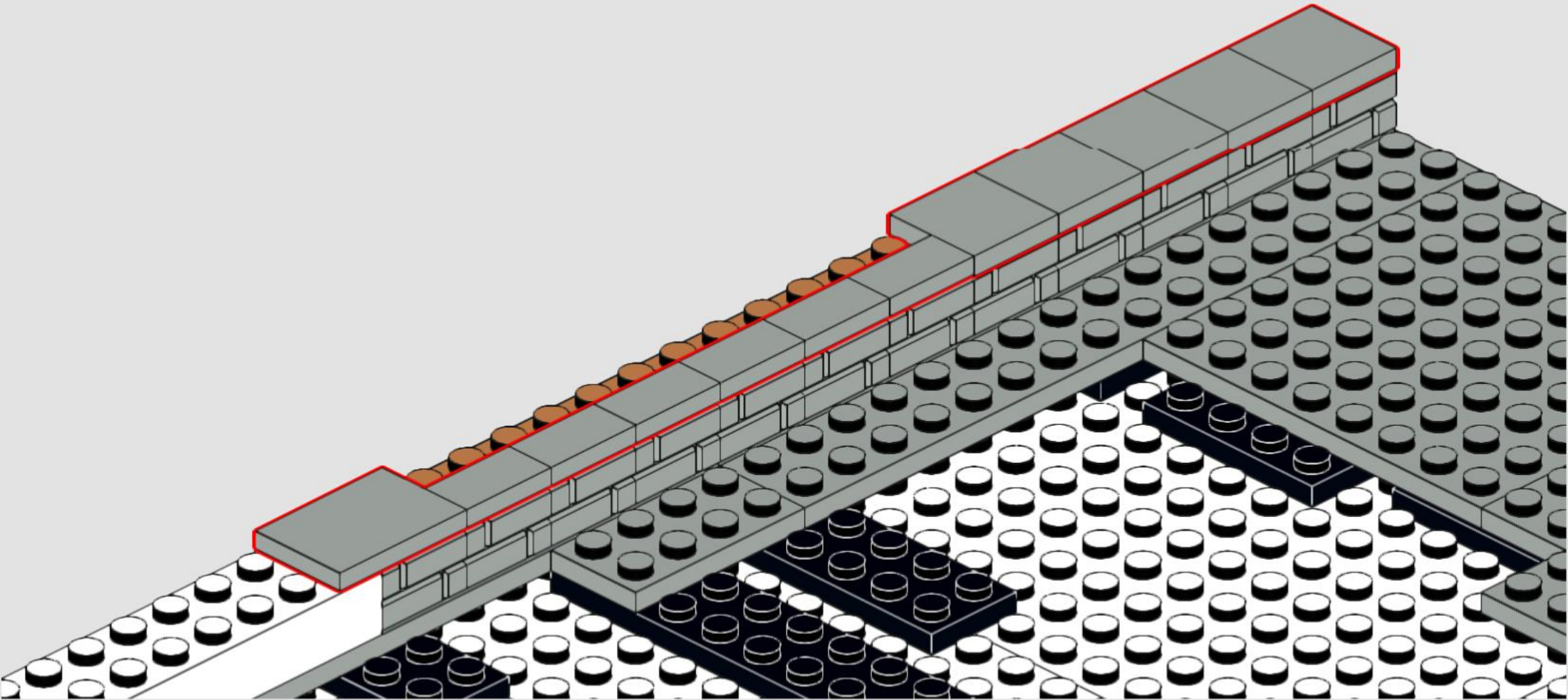
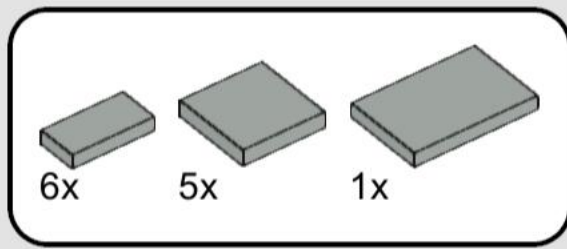


# 23

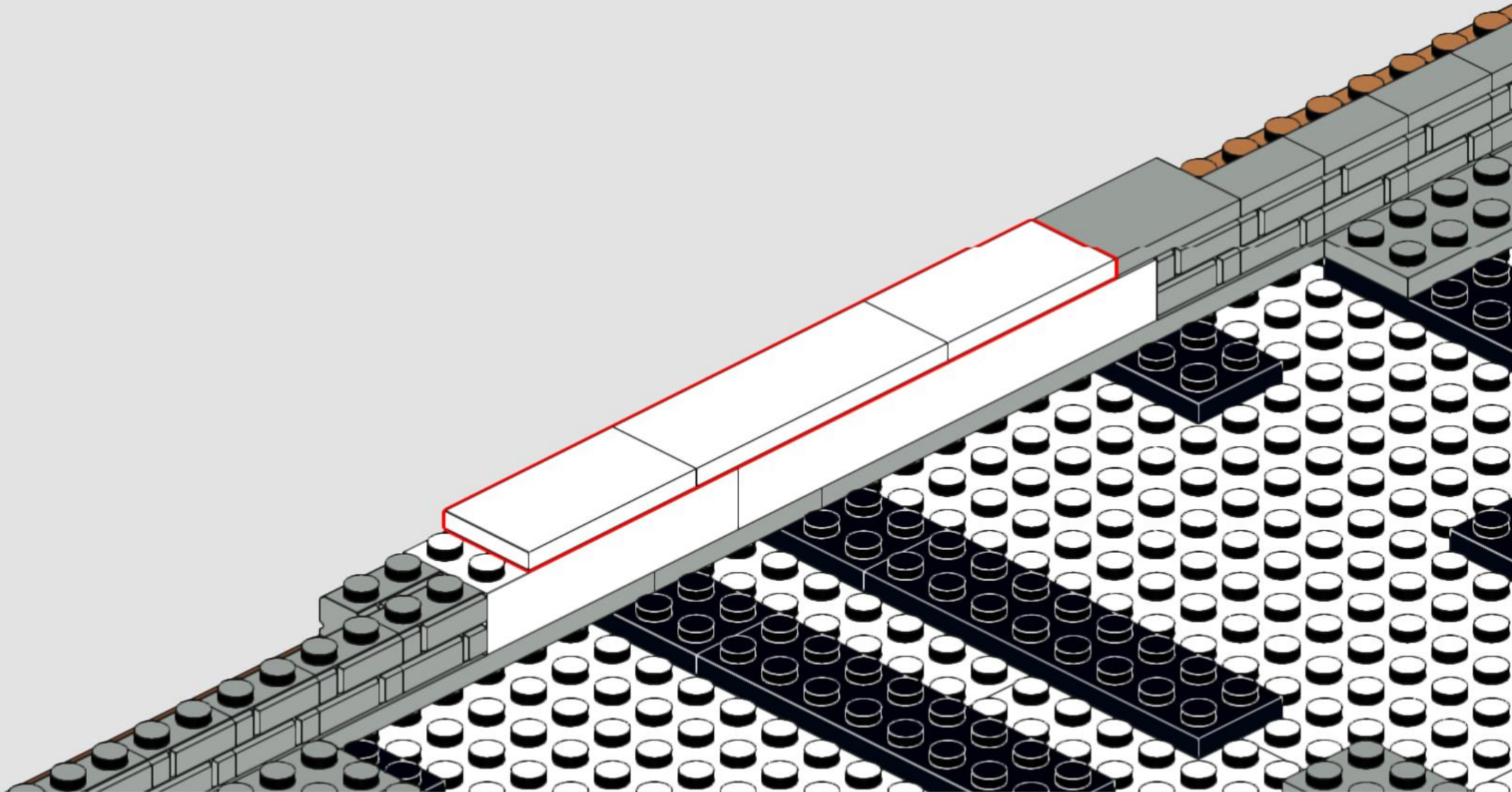
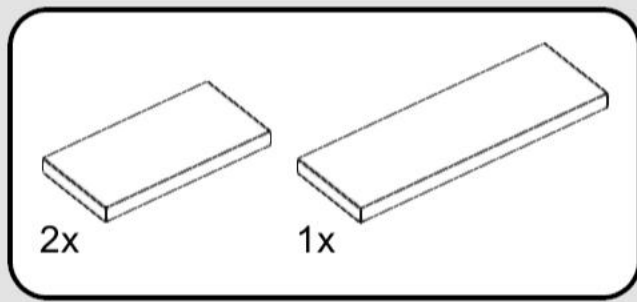




# 24

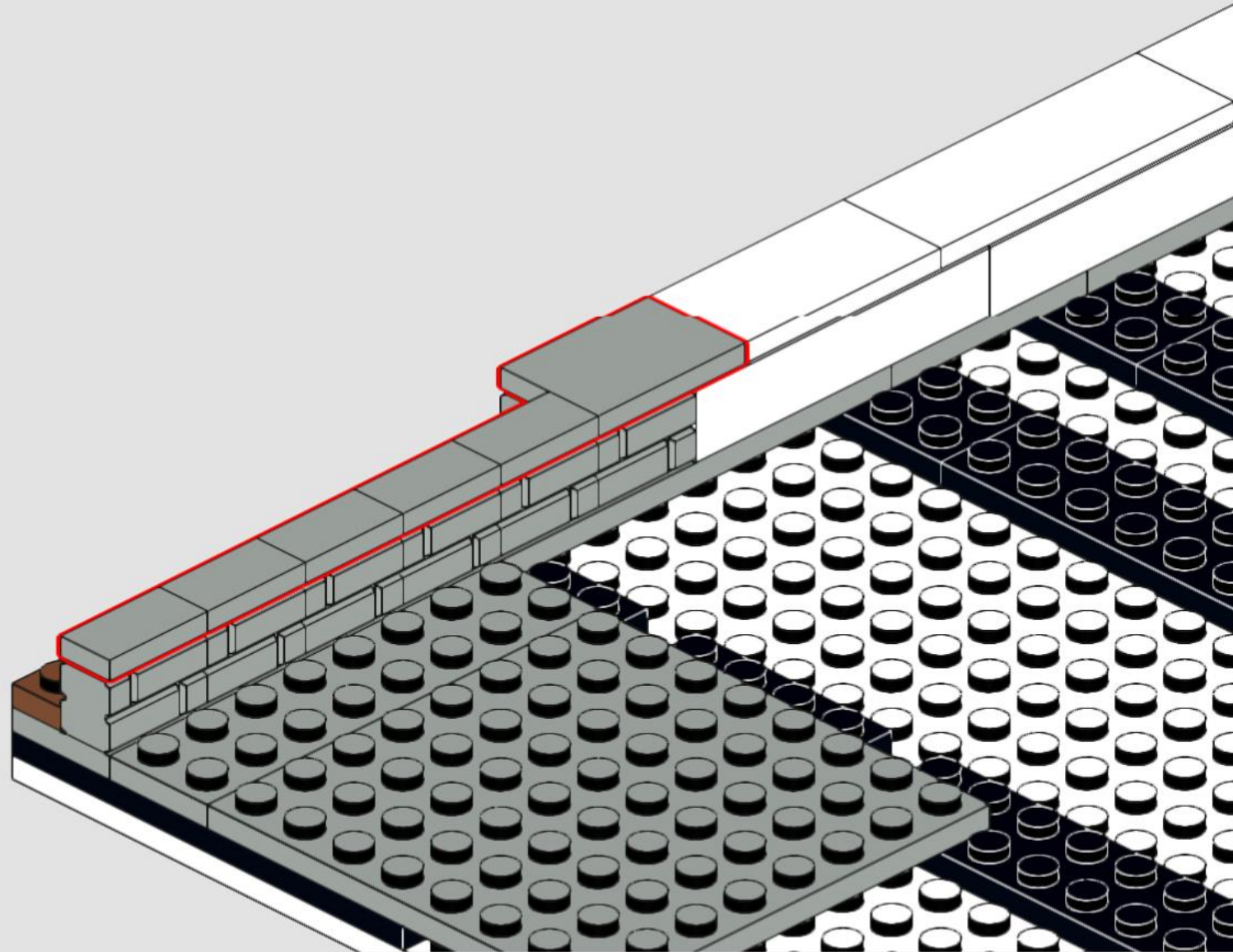
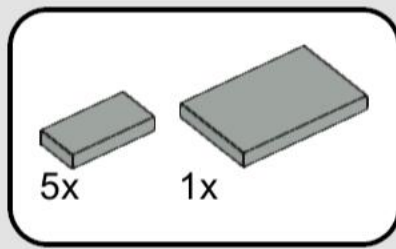


# 25

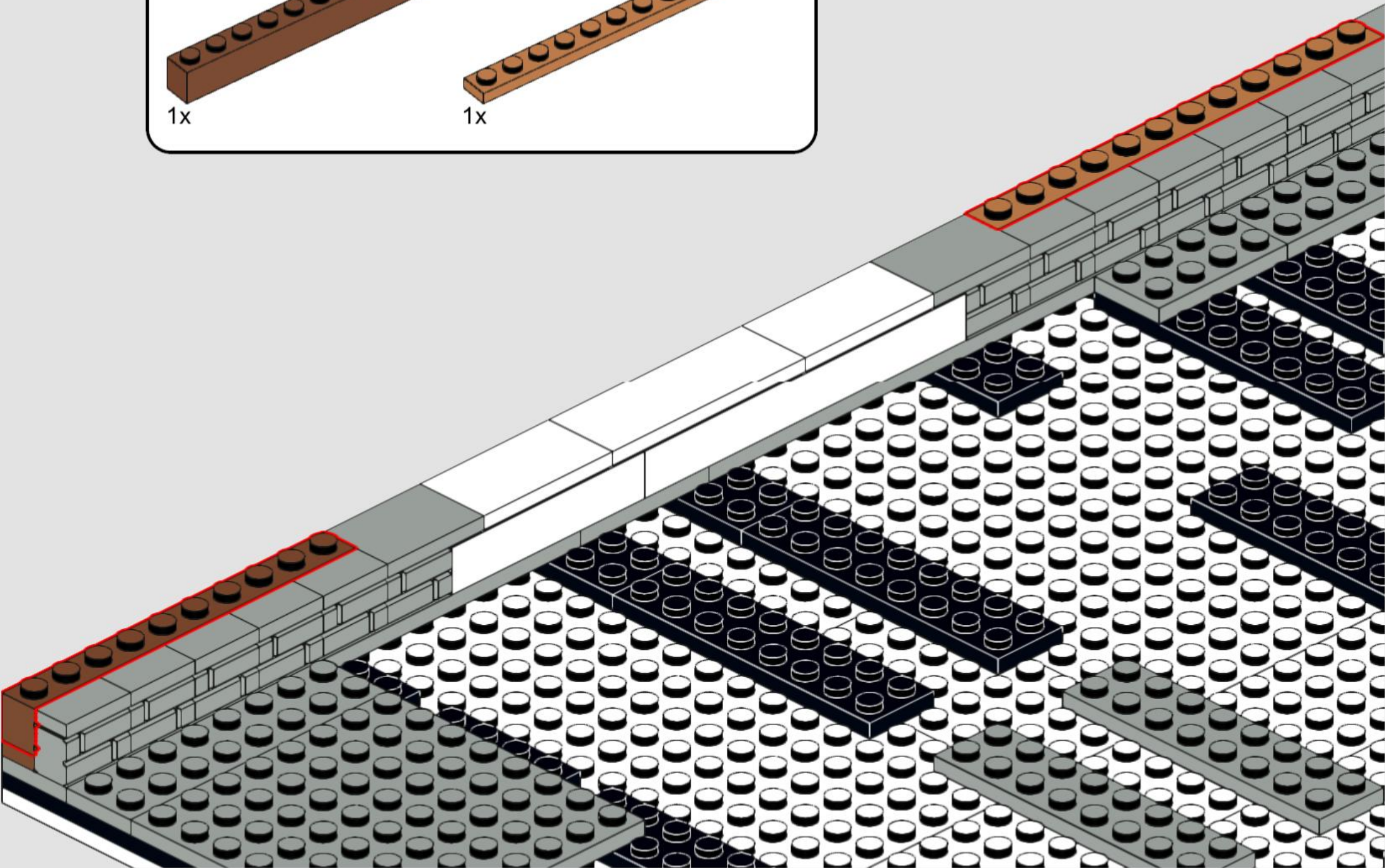
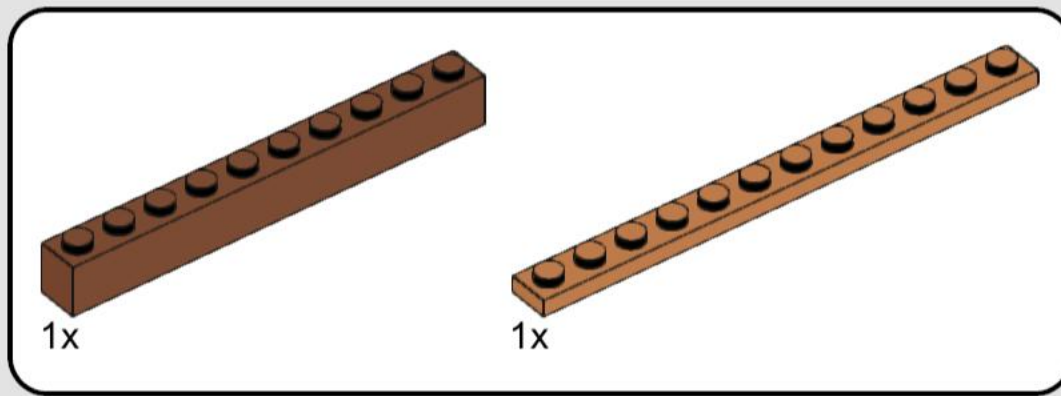




# 26



27





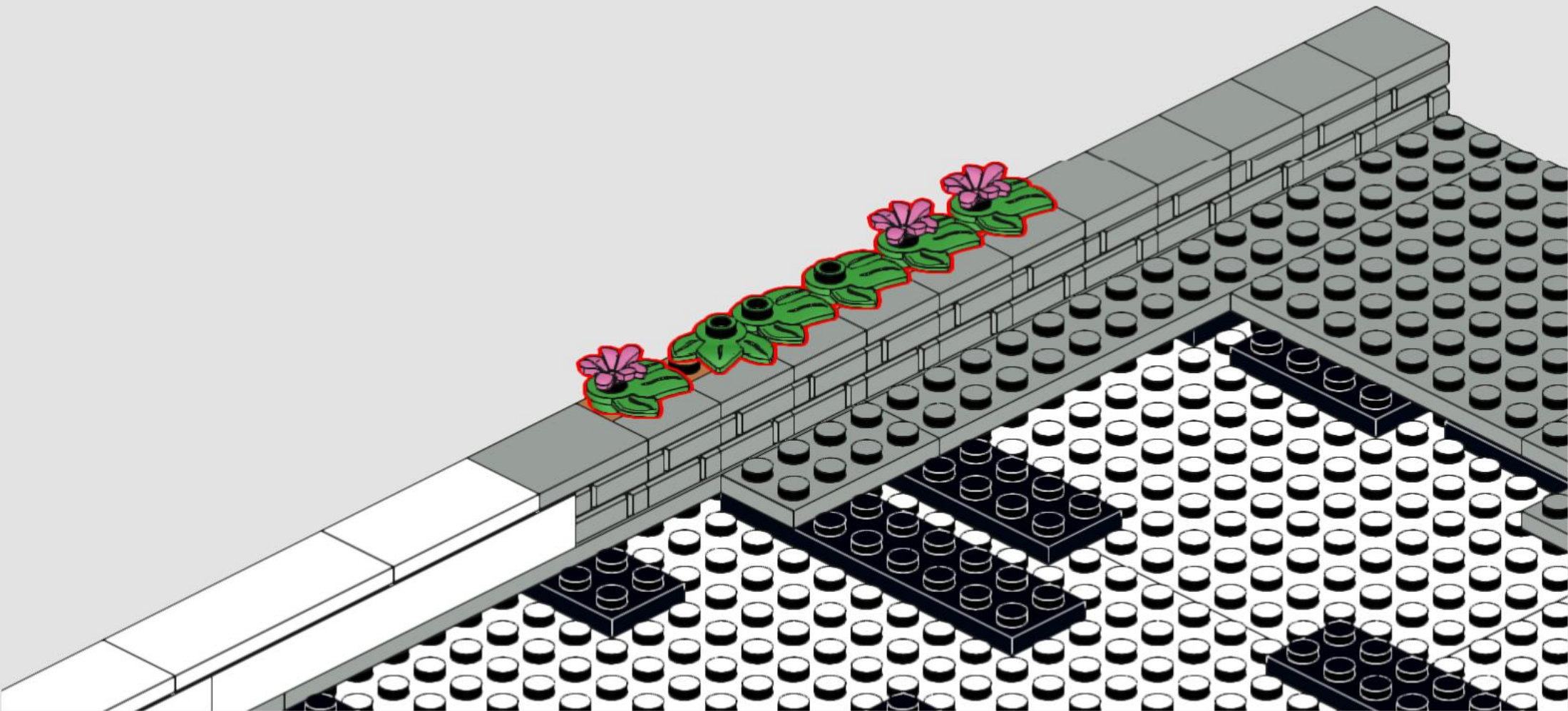
# 28



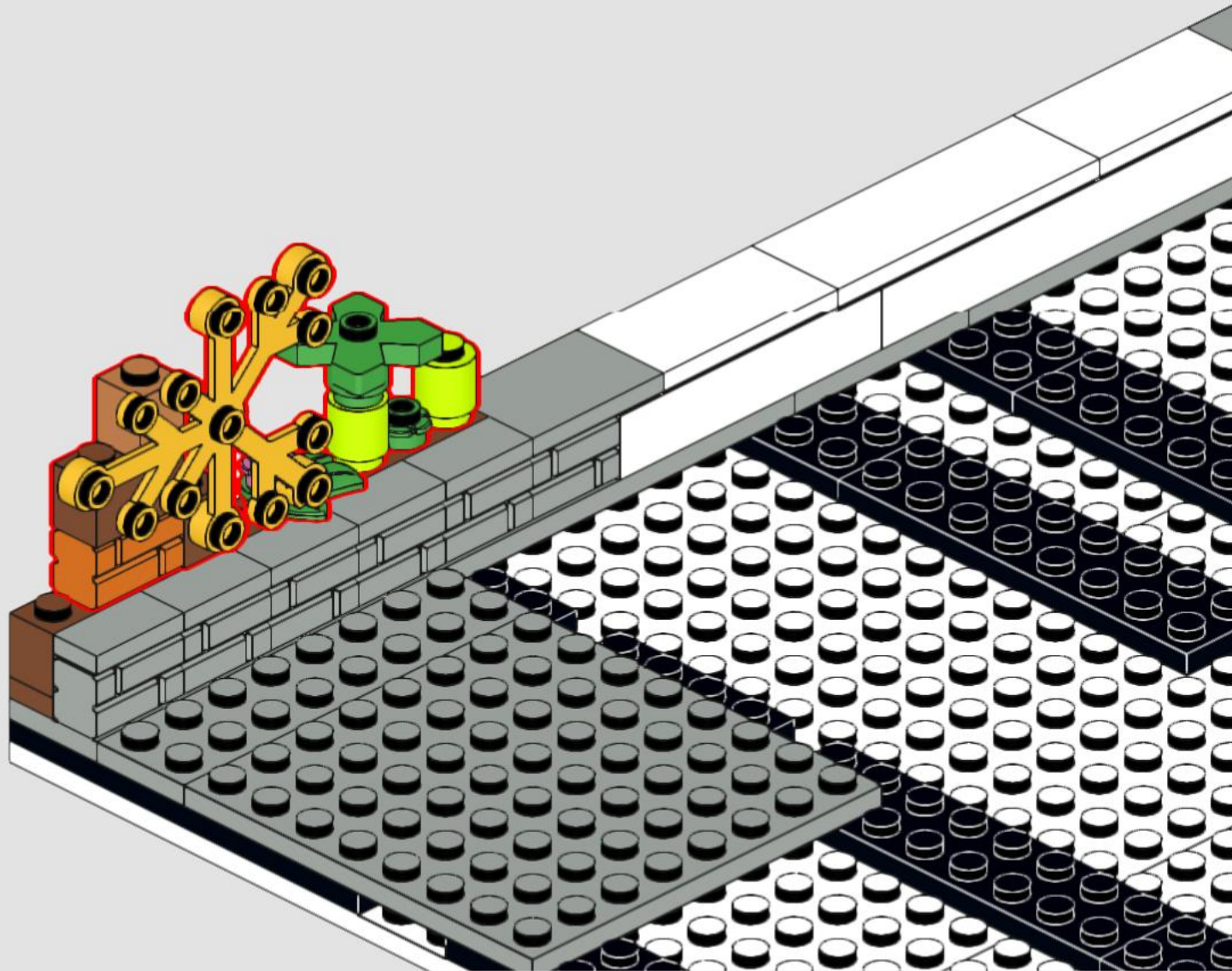
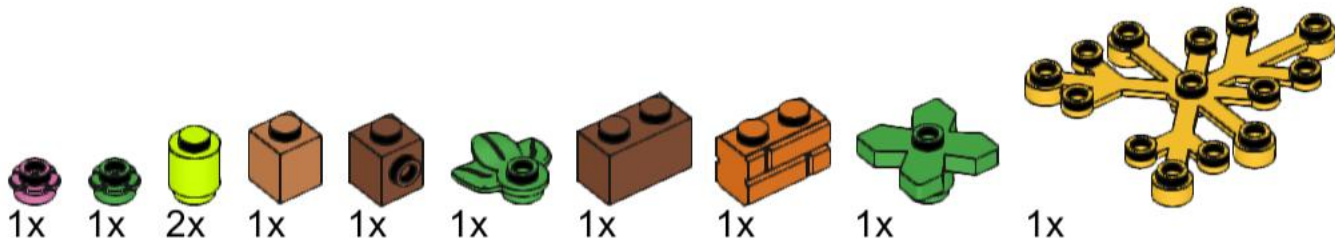
3x



6x

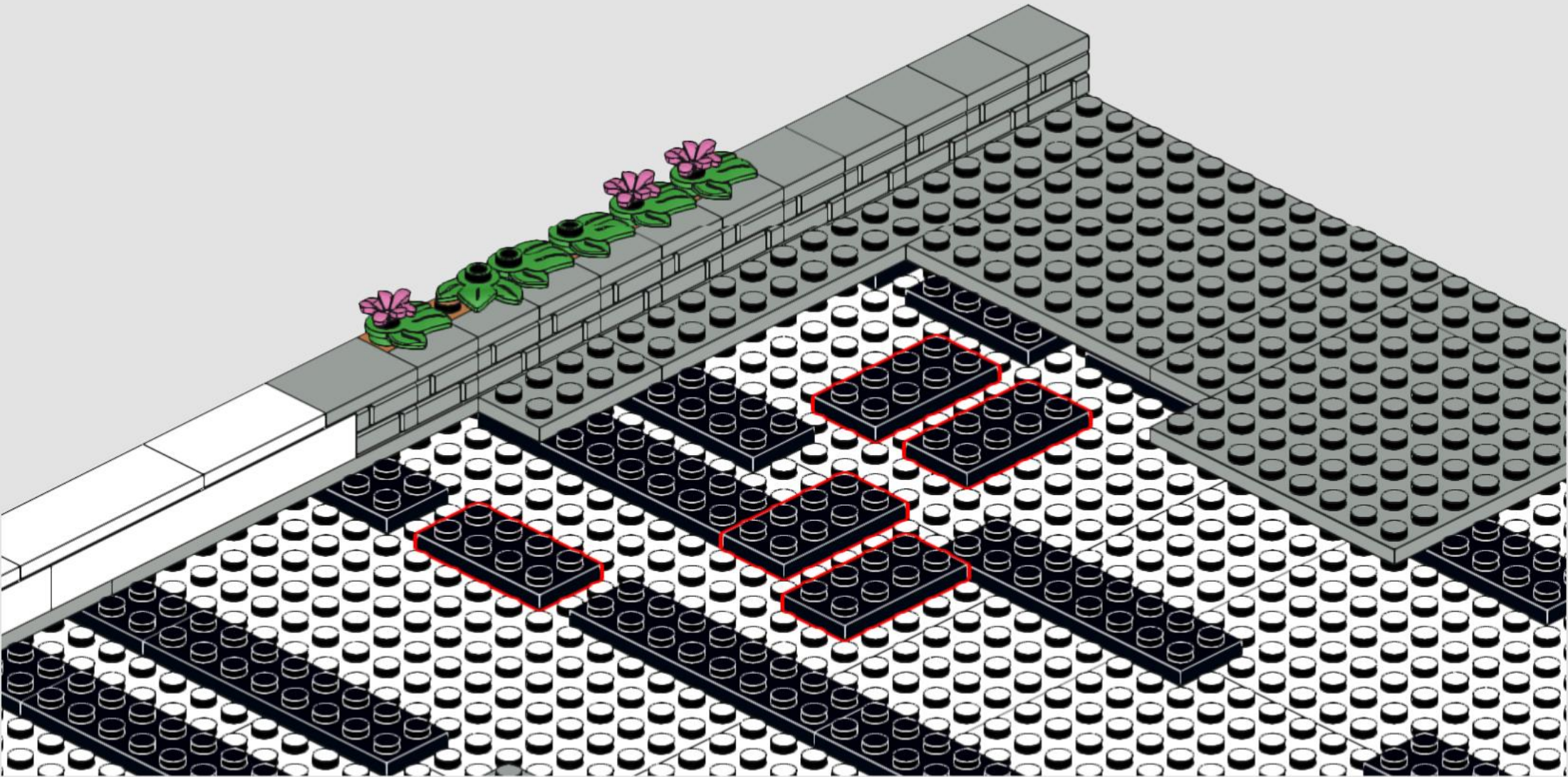
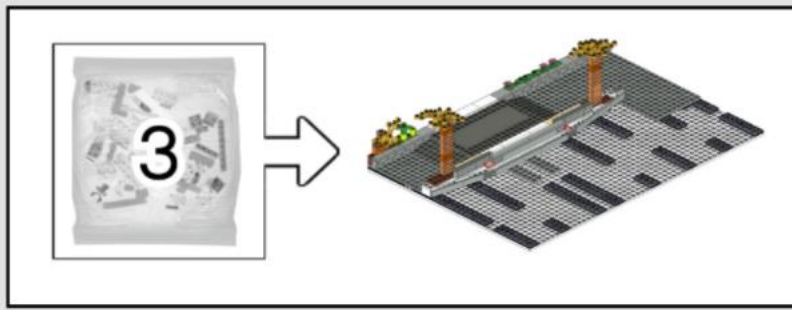


# 29



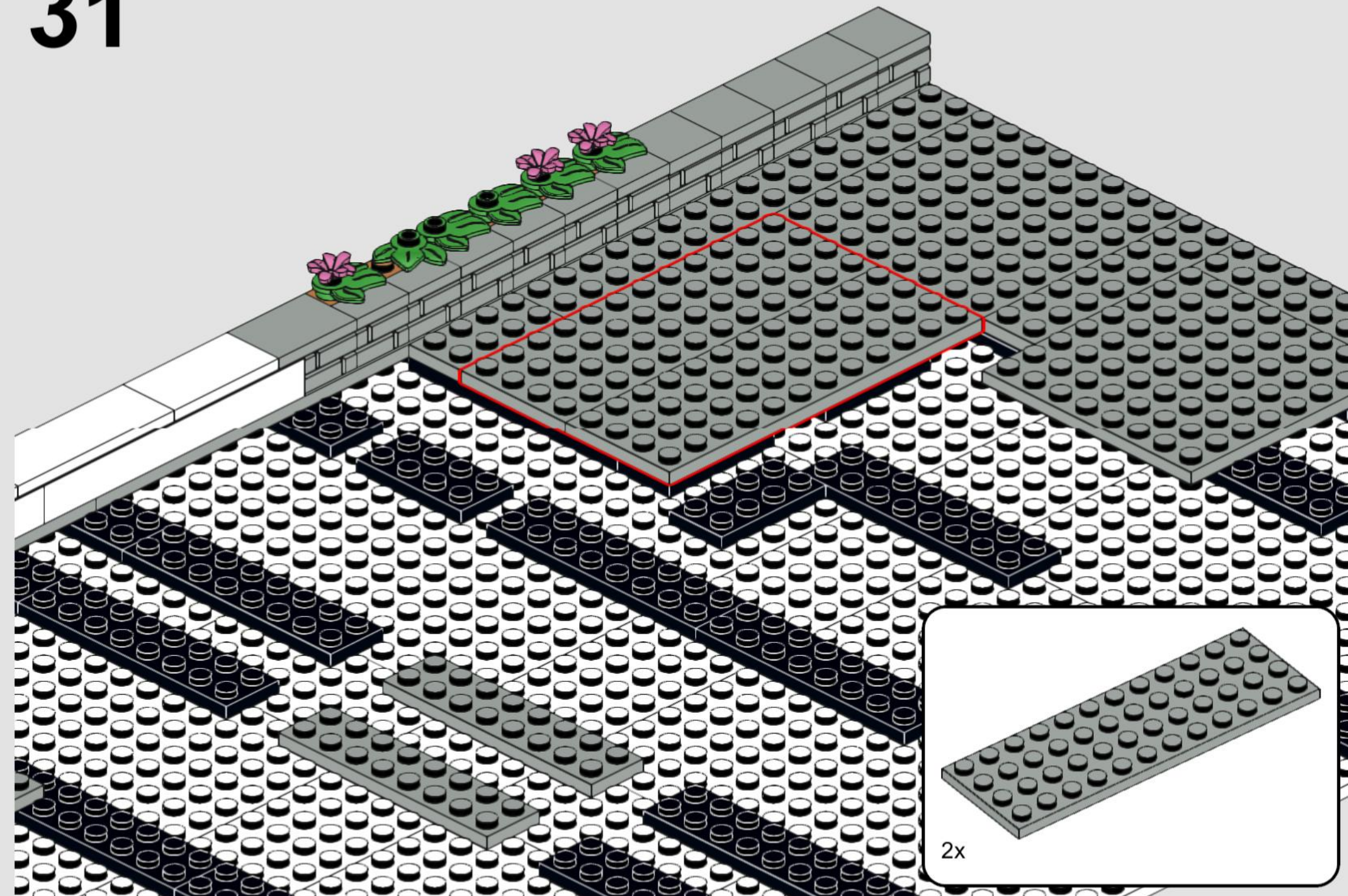


# 30



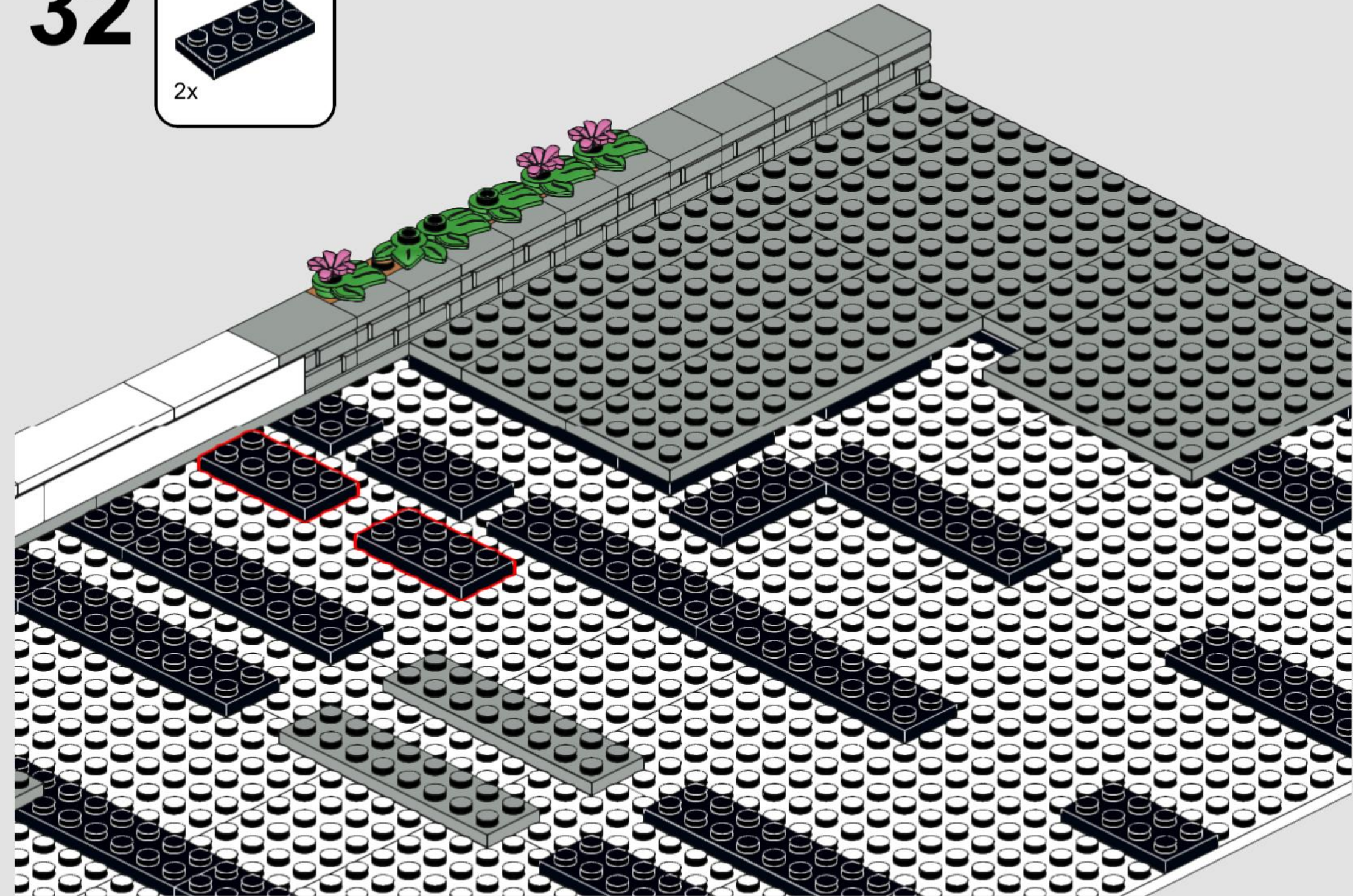


# 31





32

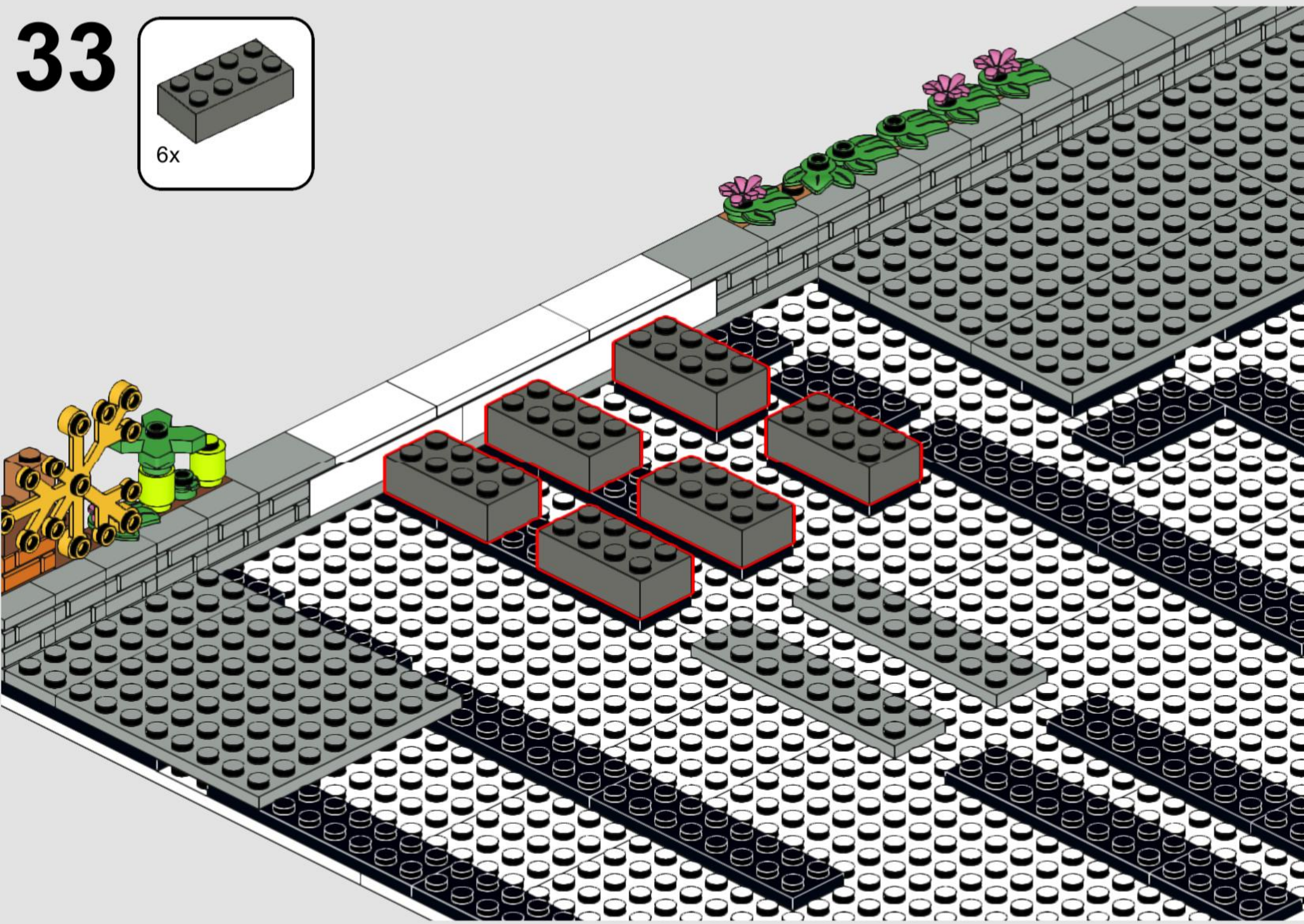




# 33

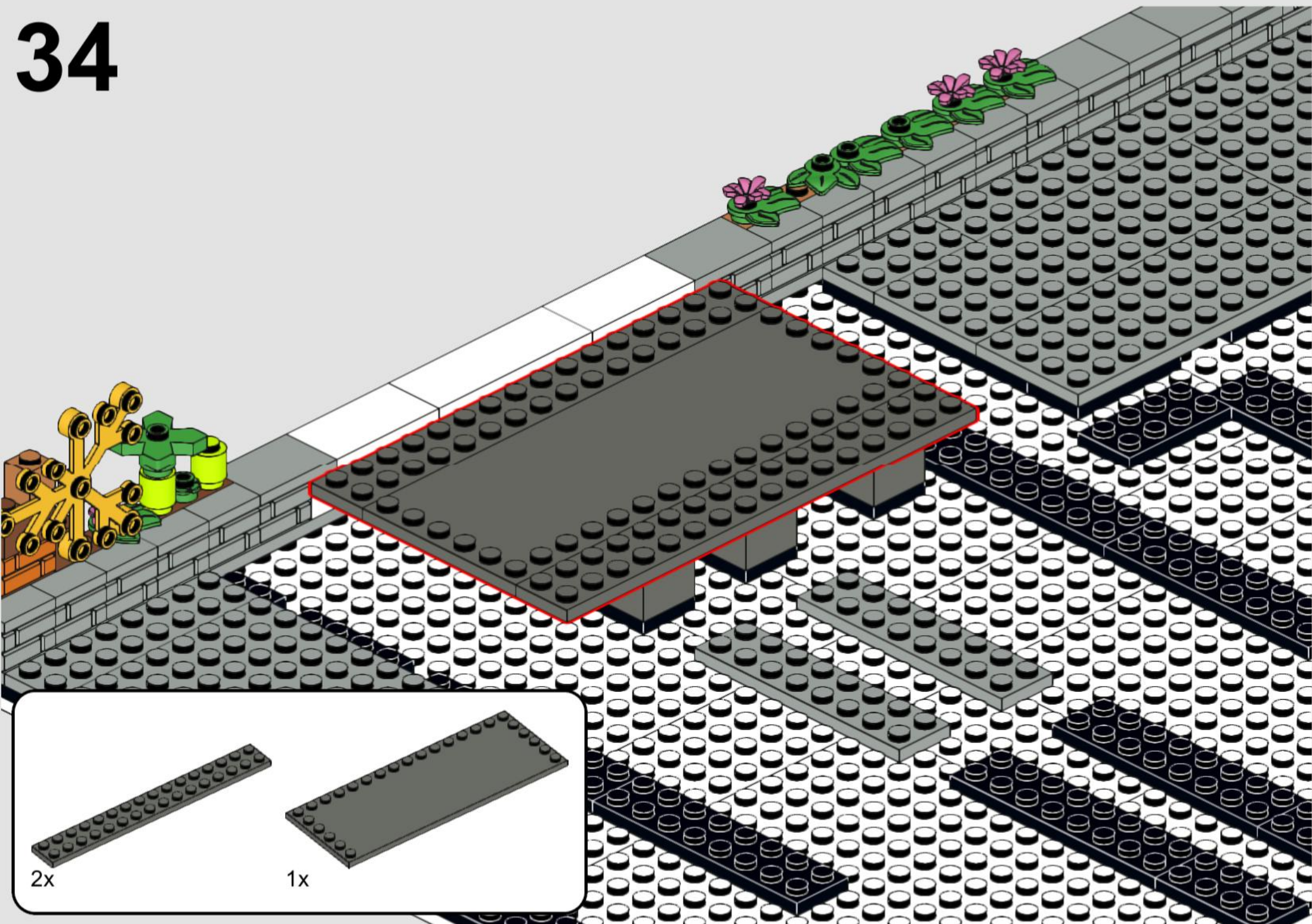


6x





# 34





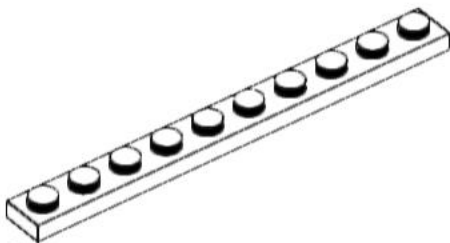
# 35



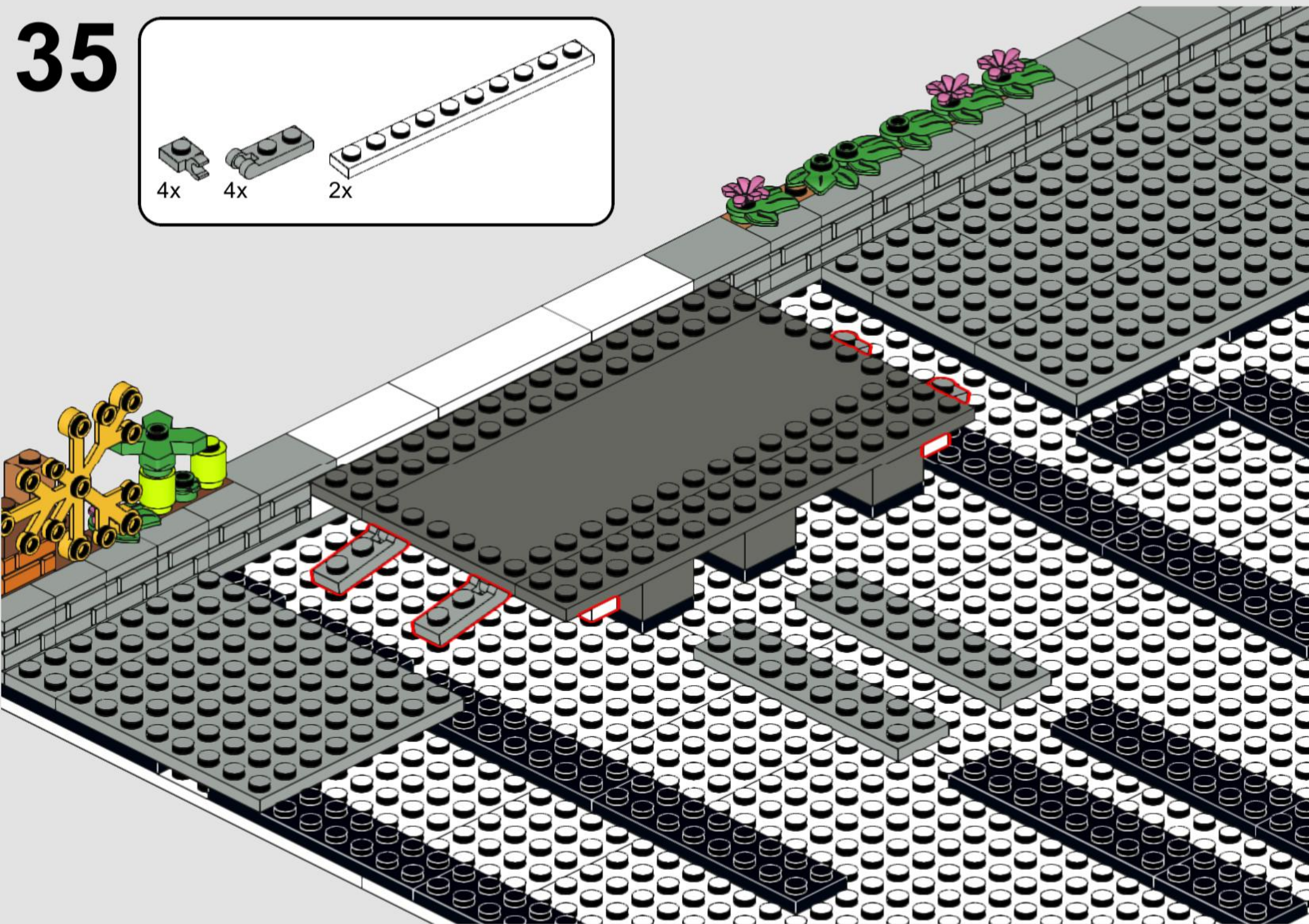
4x



4x

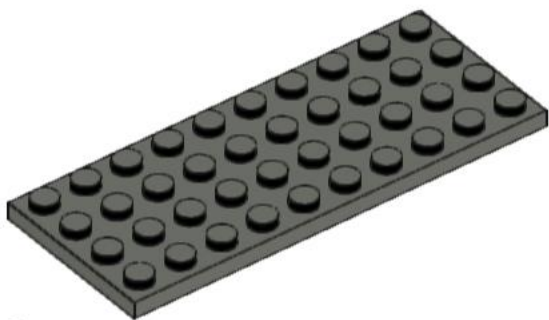


2x

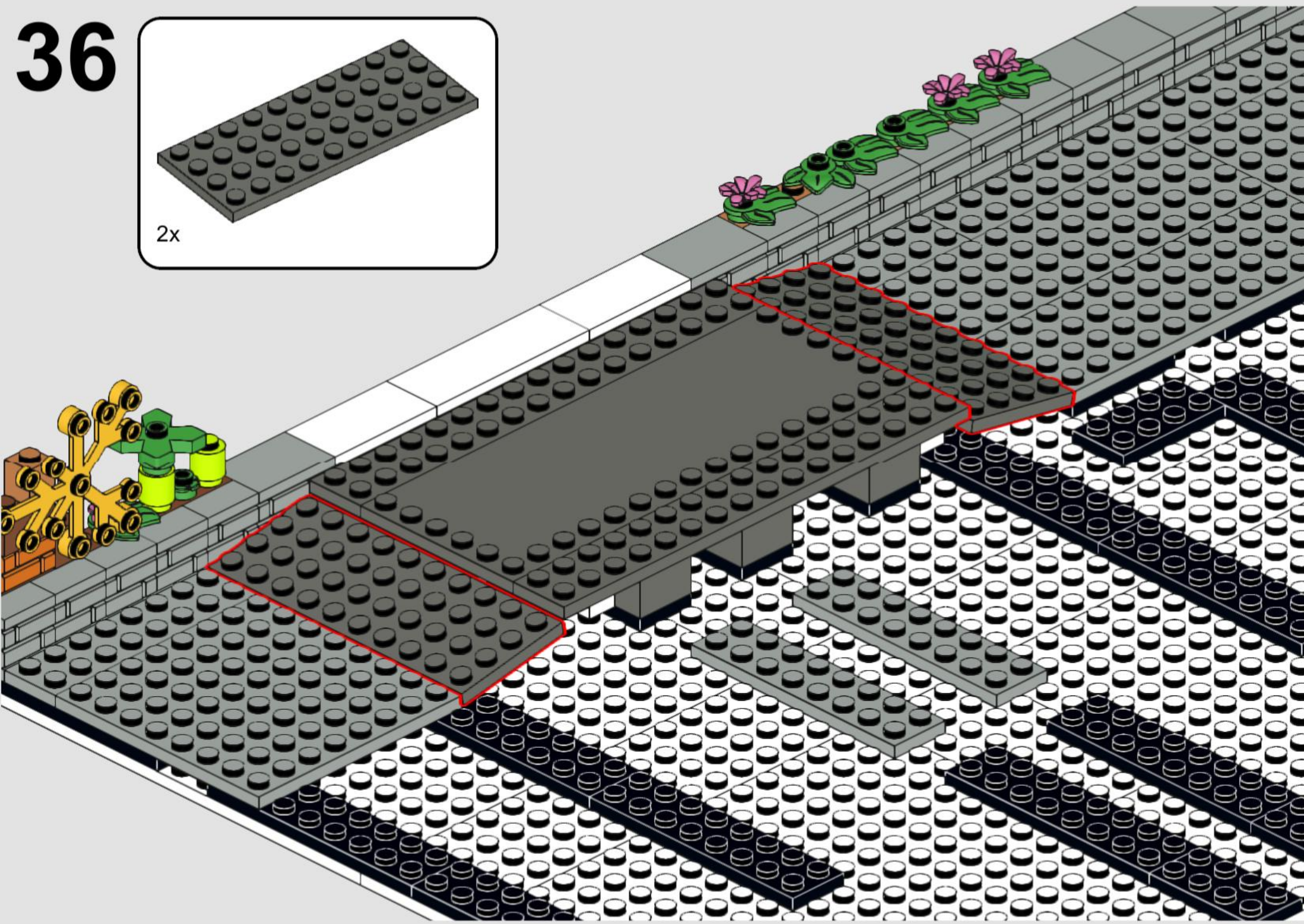




# 36

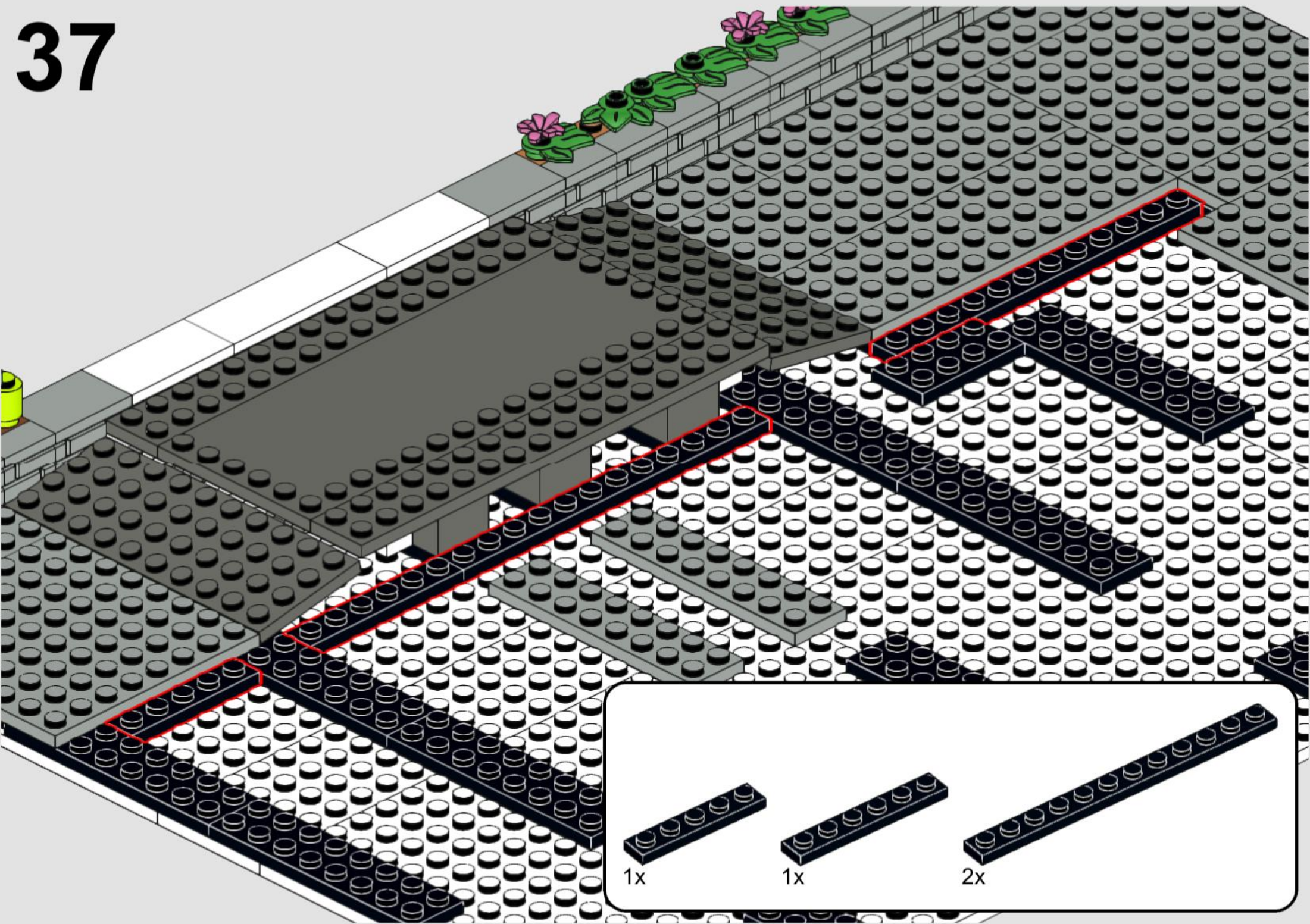


2x



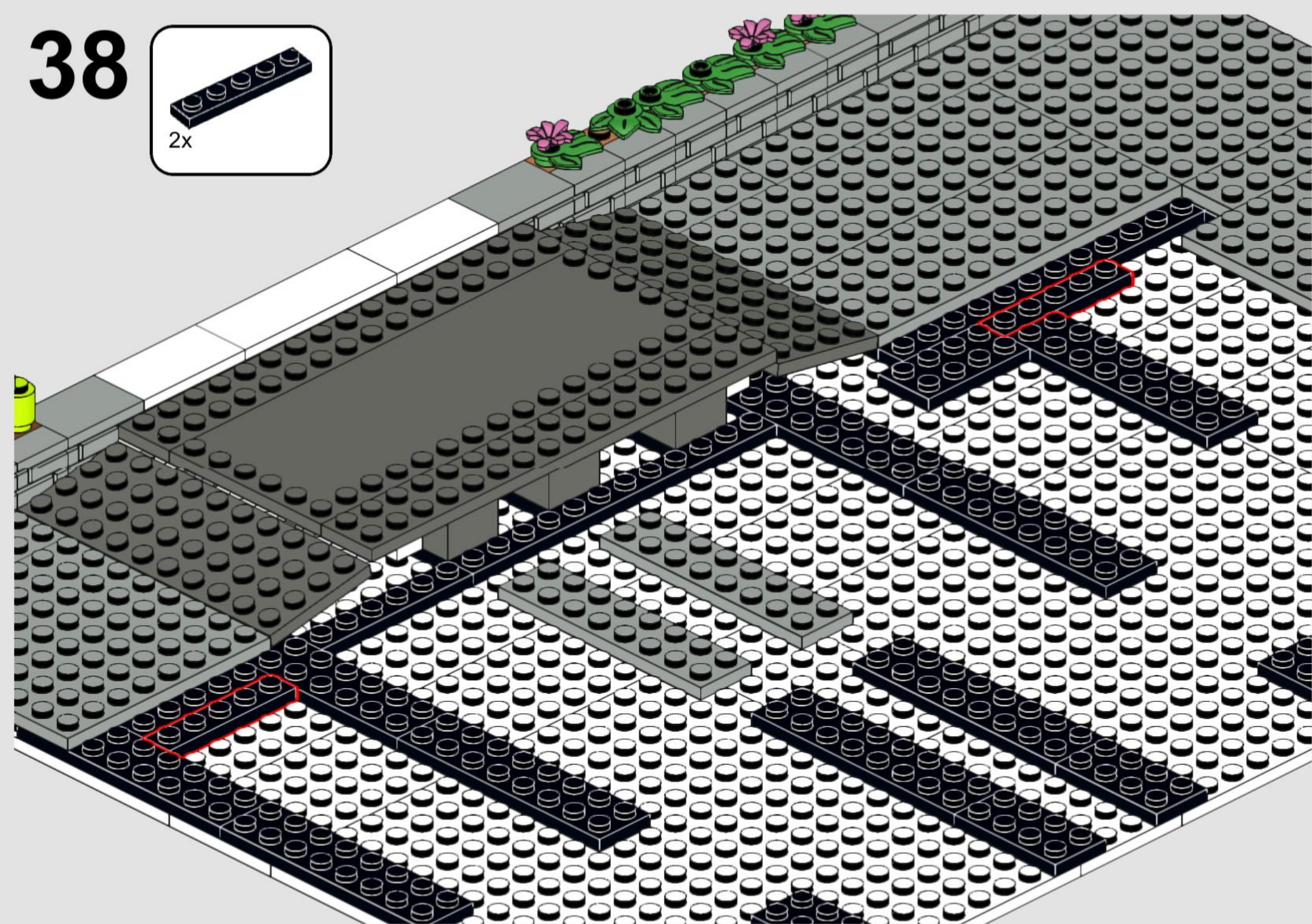


37



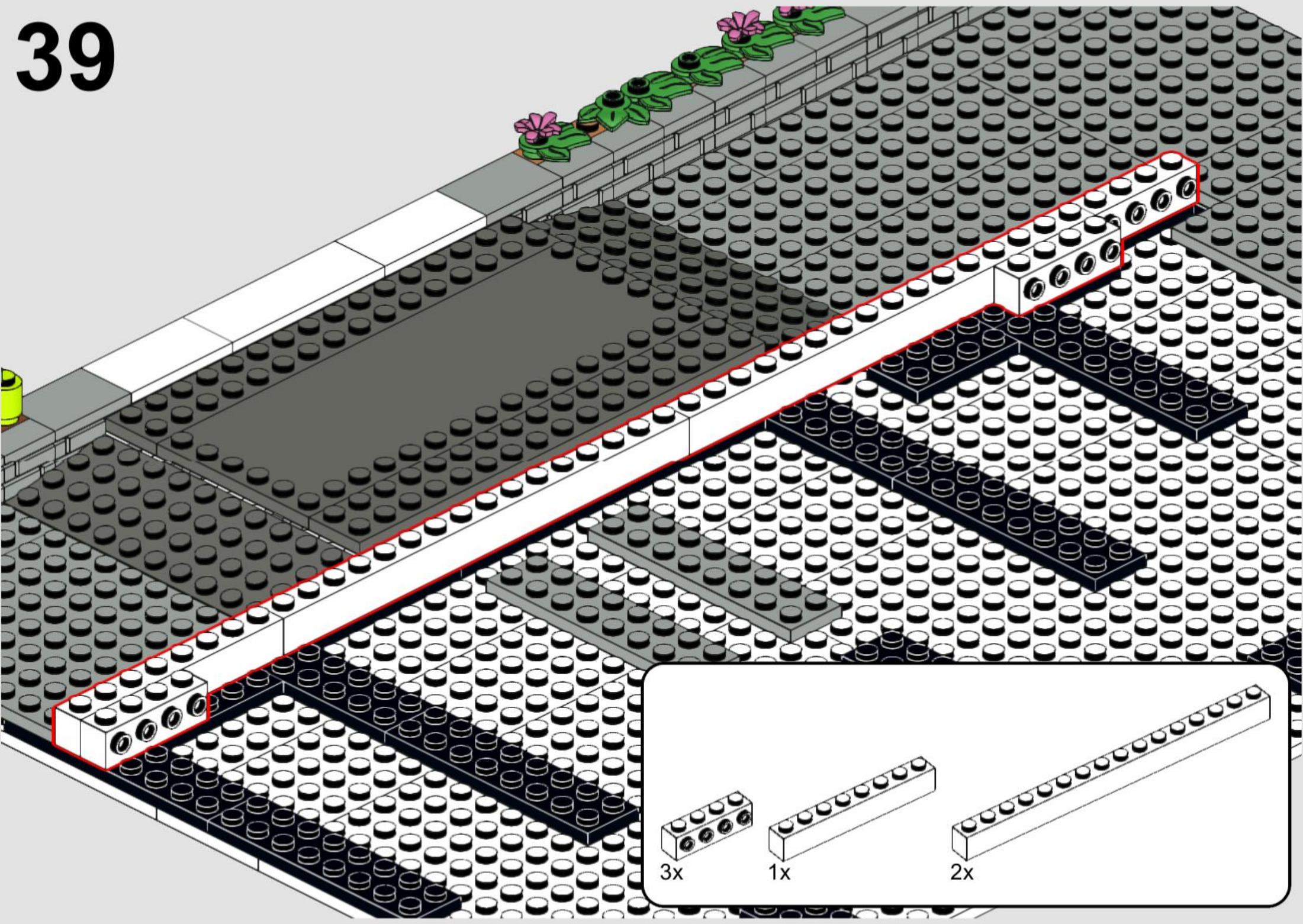


38





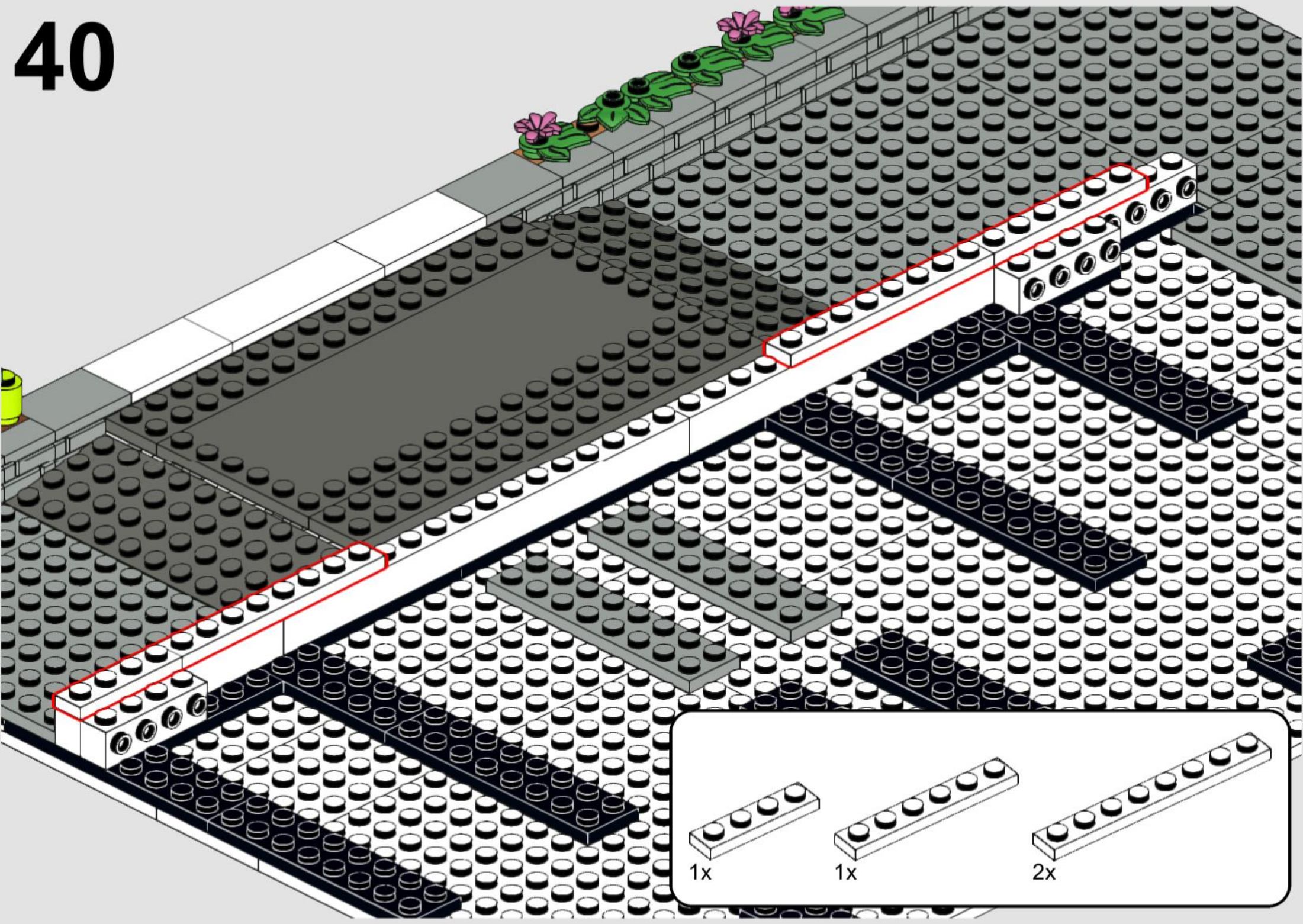
39

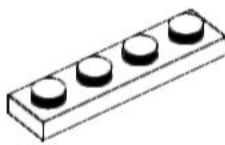


3x 1x 2x

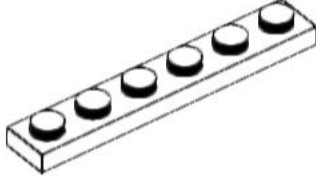
This inset box contains the parts list for step 39. It shows three items: a 1x3 Technic beam (labeled 3x), a 1x10 Technic beam (labeled 1x), and a 1x10 Technic beam (labeled 2x).



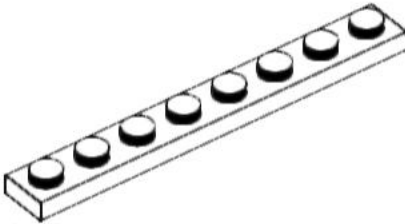




1x



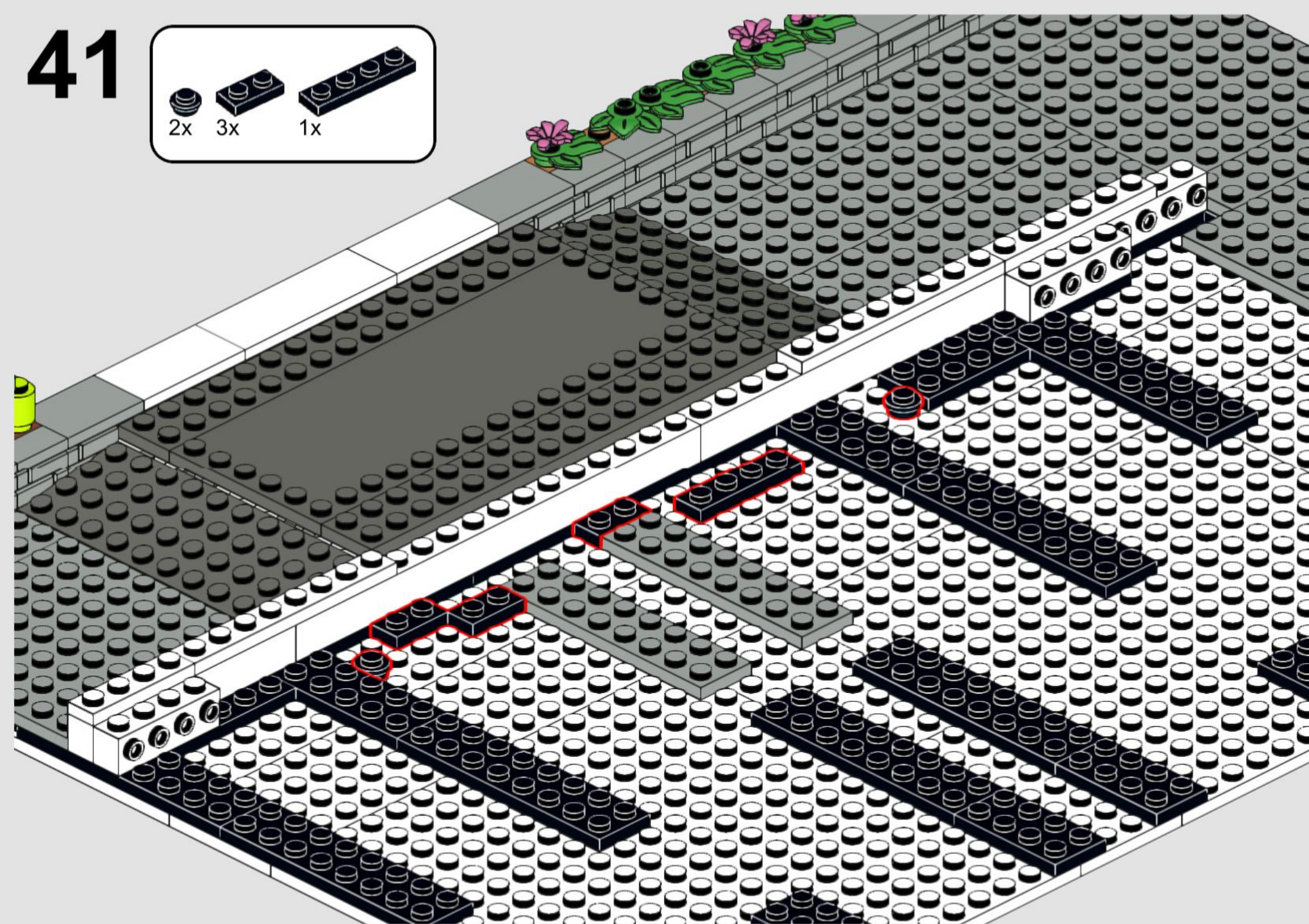
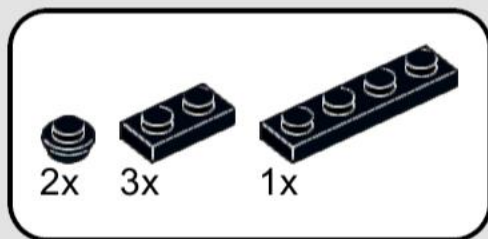
1x



2x

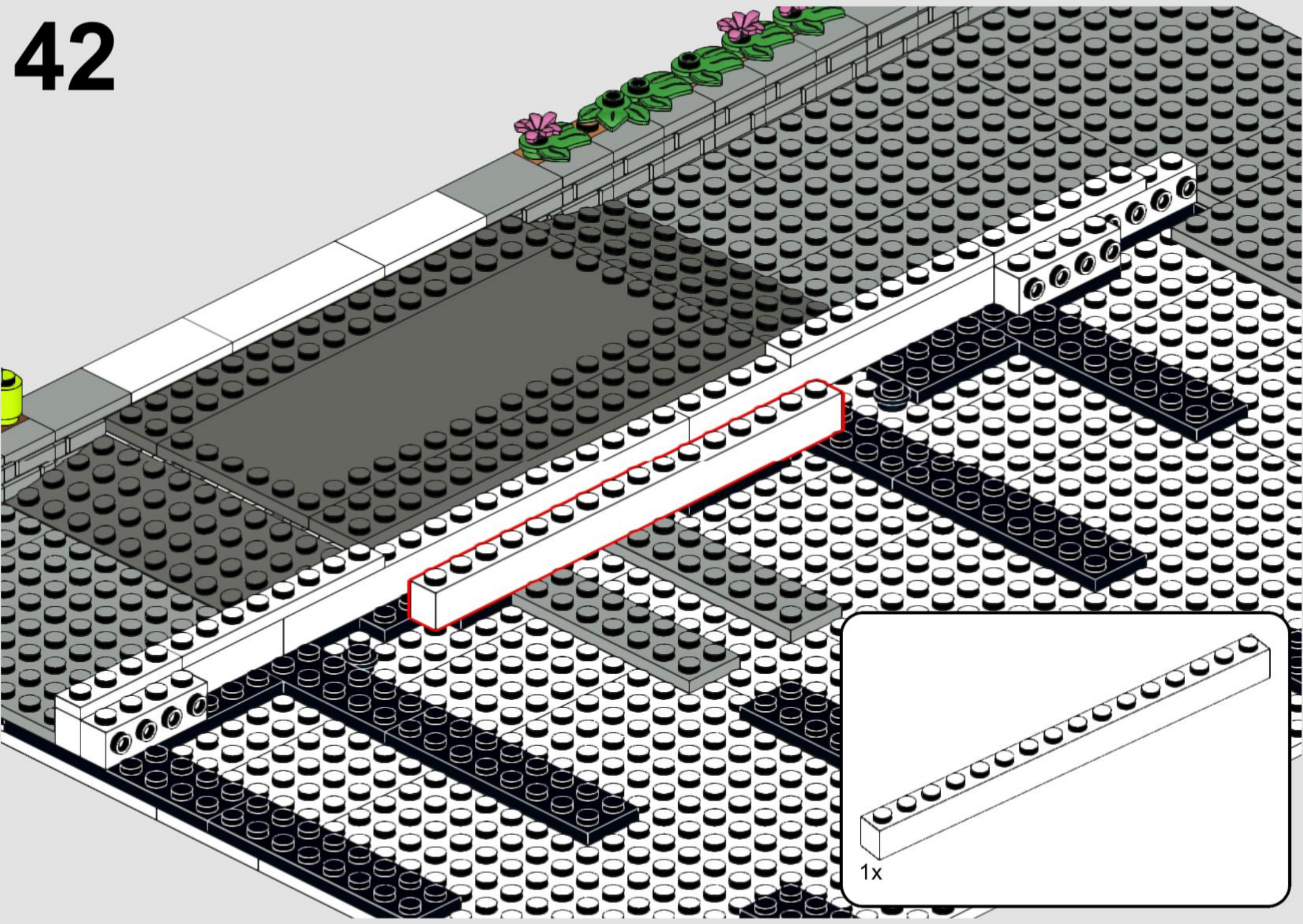


# 41



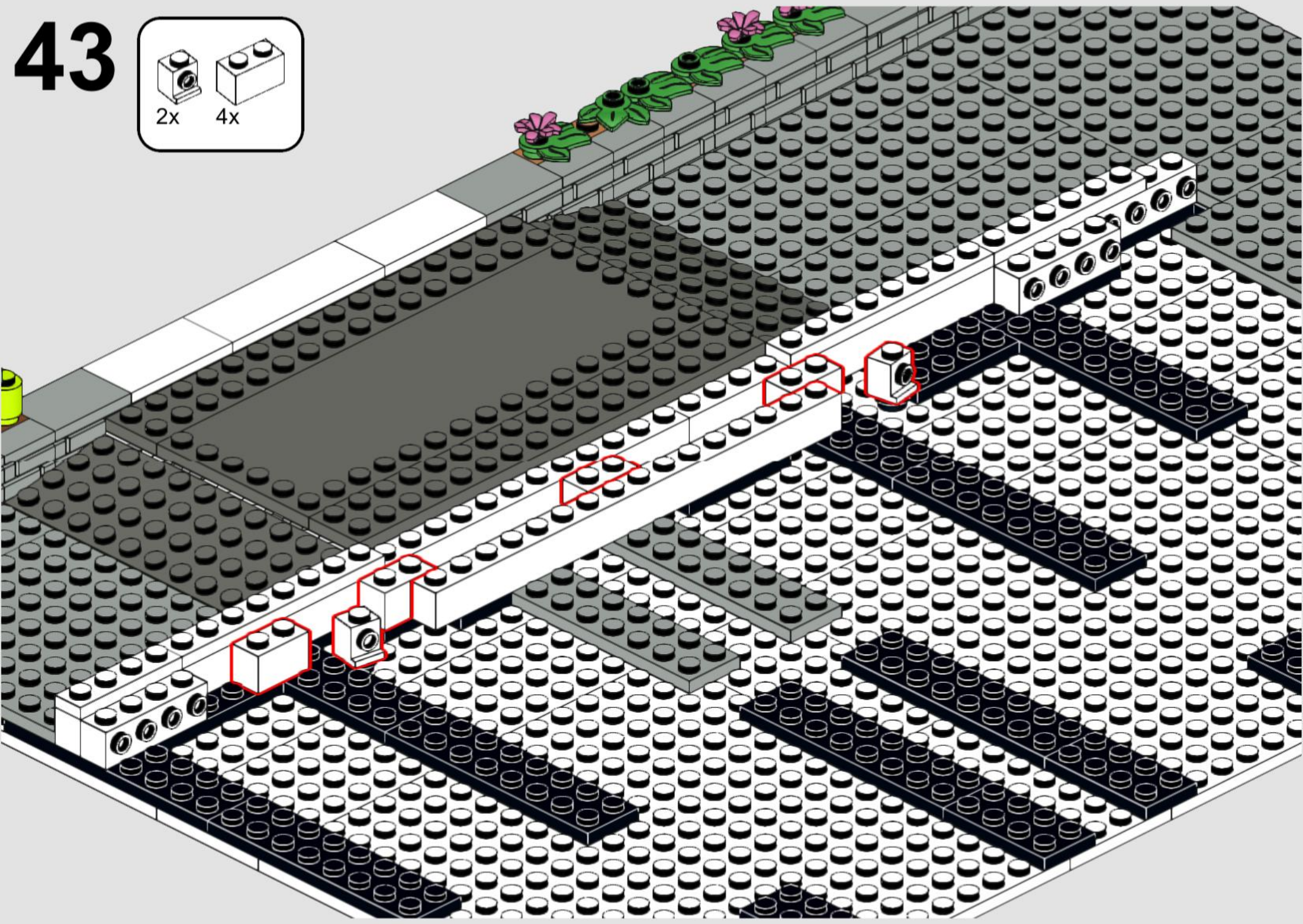
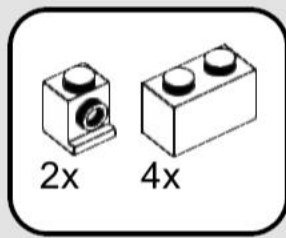


42



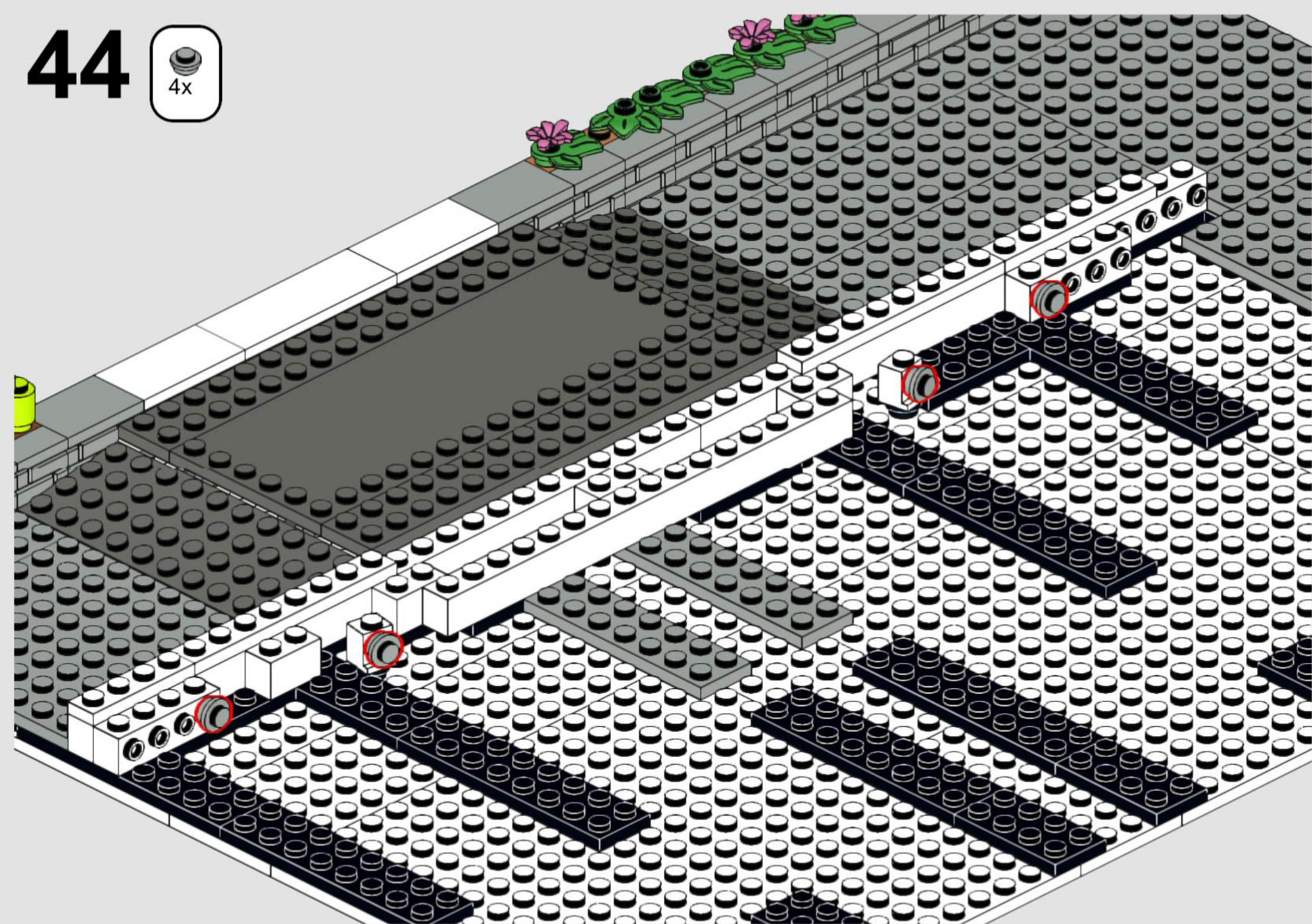


# 43



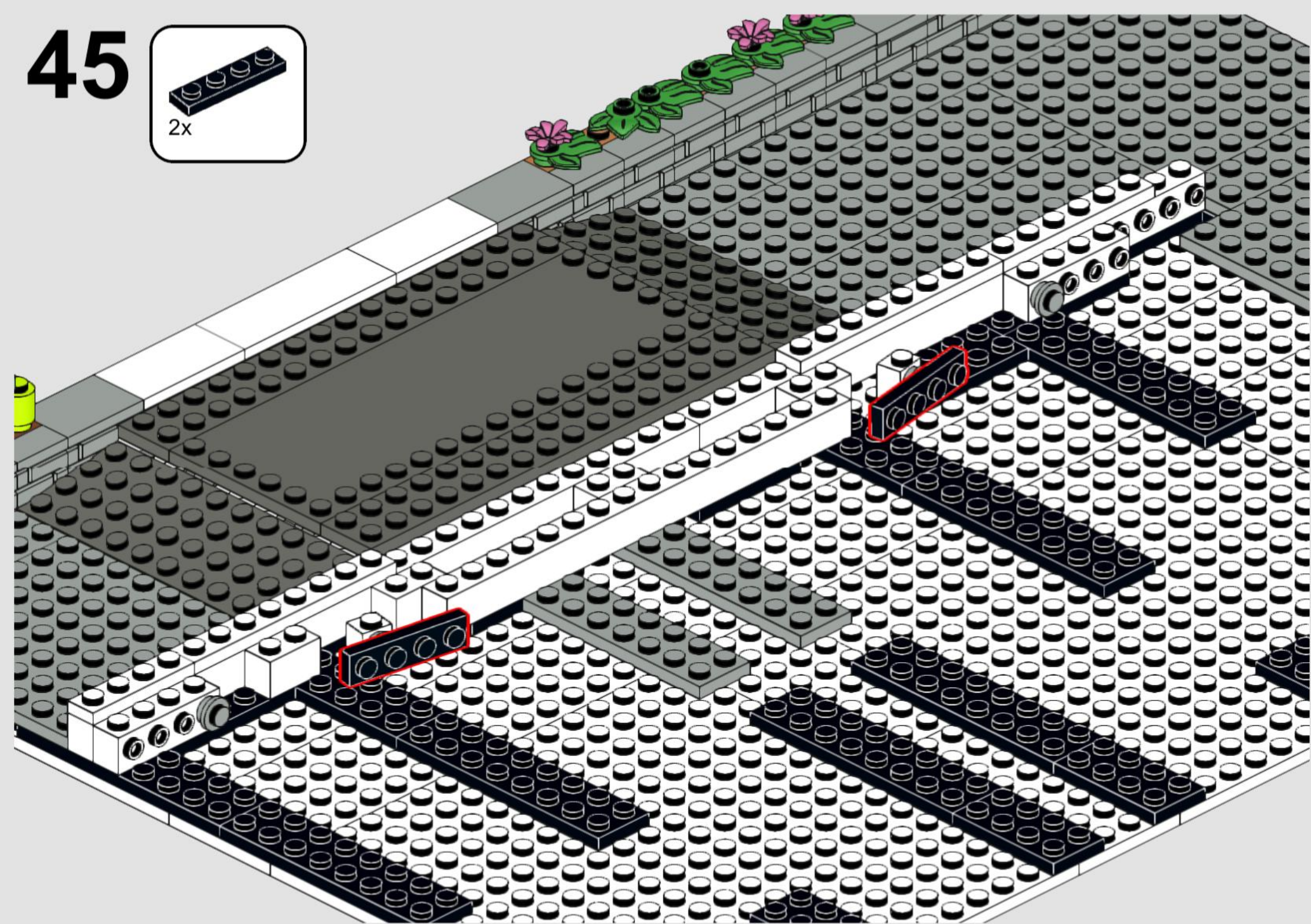
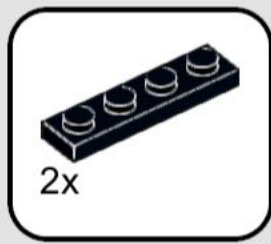


44



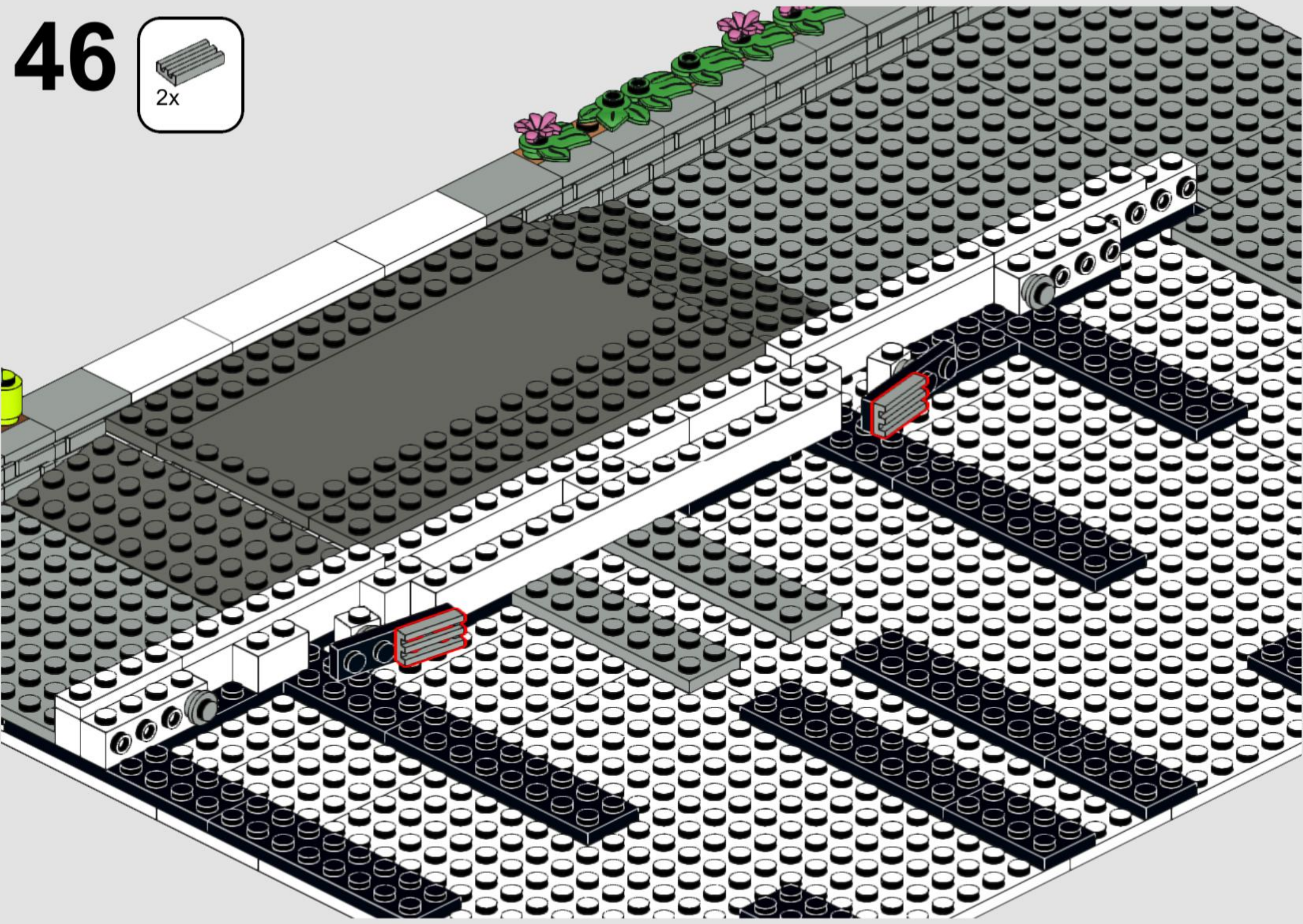
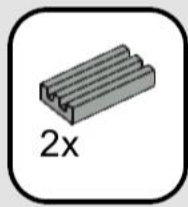


45



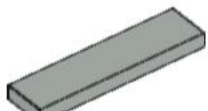


# 46





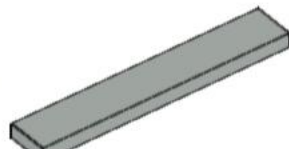
# 47



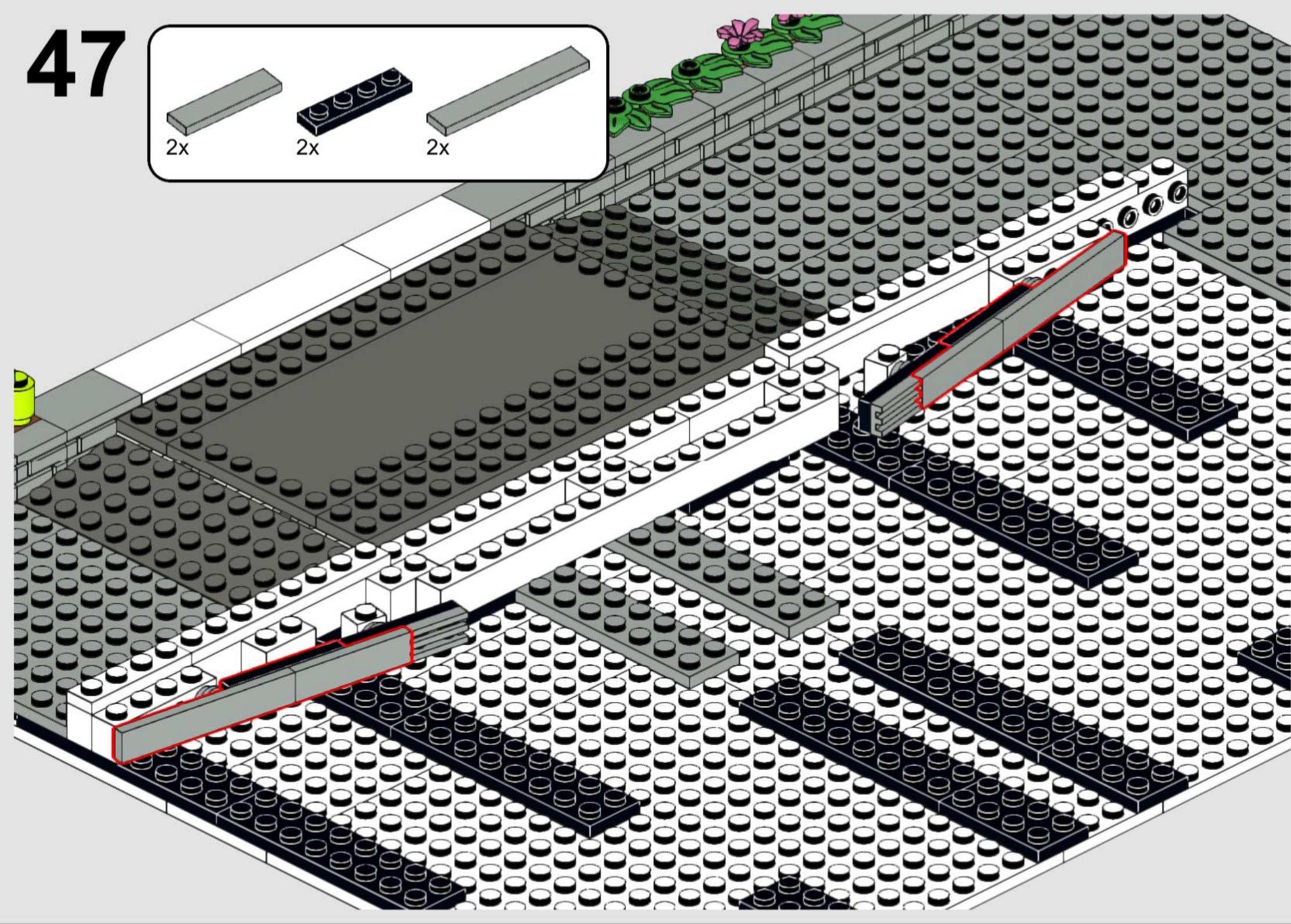
2x



2x

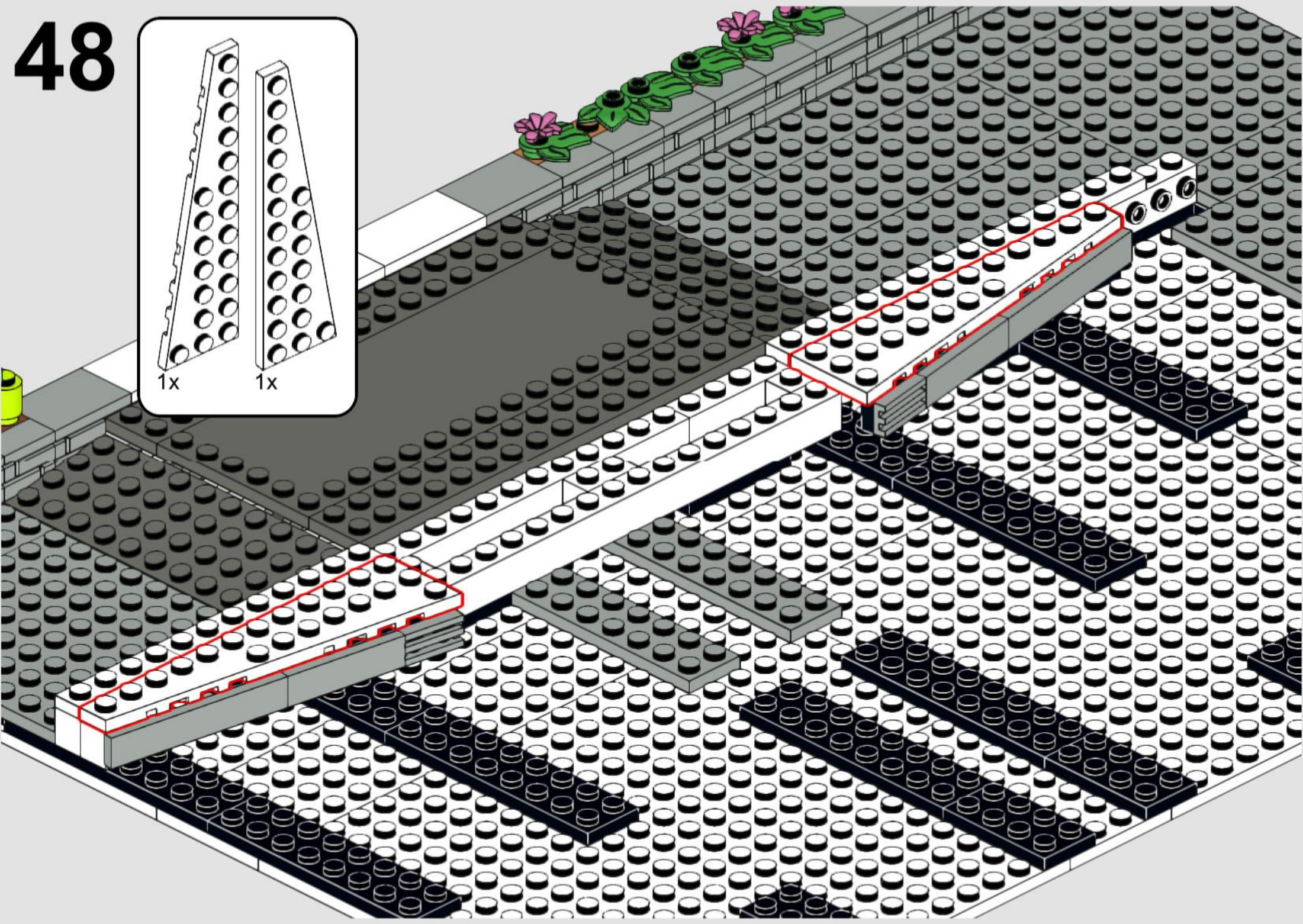
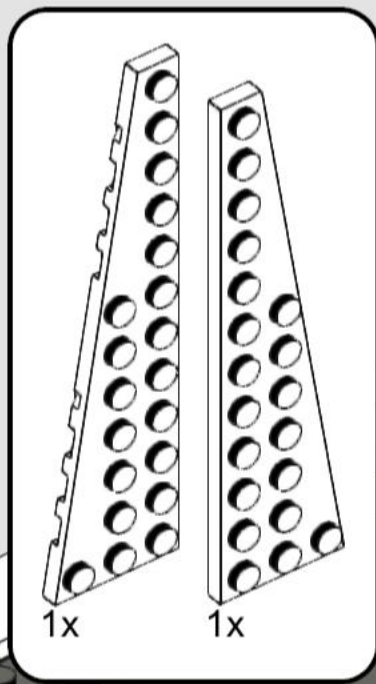


2x



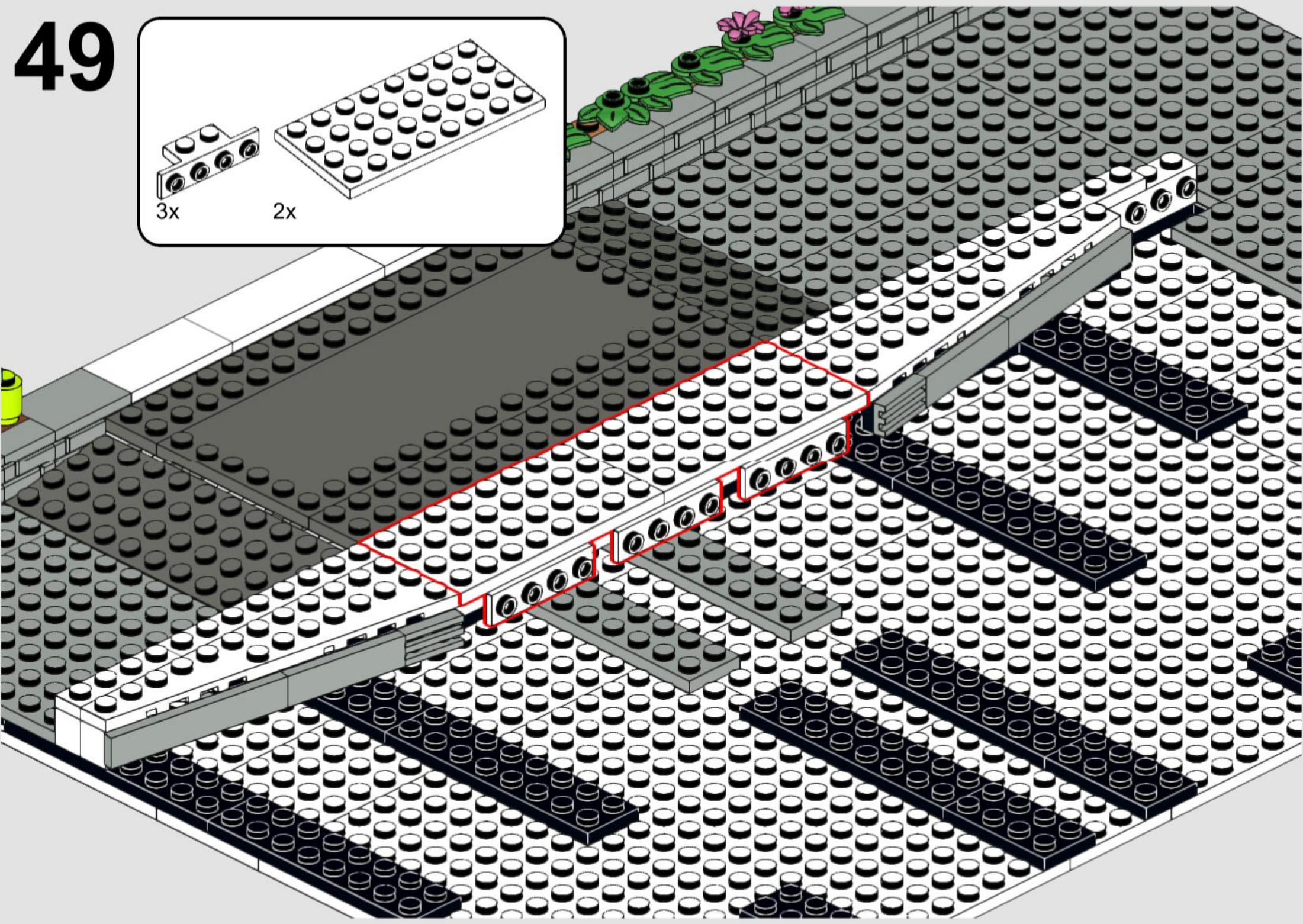
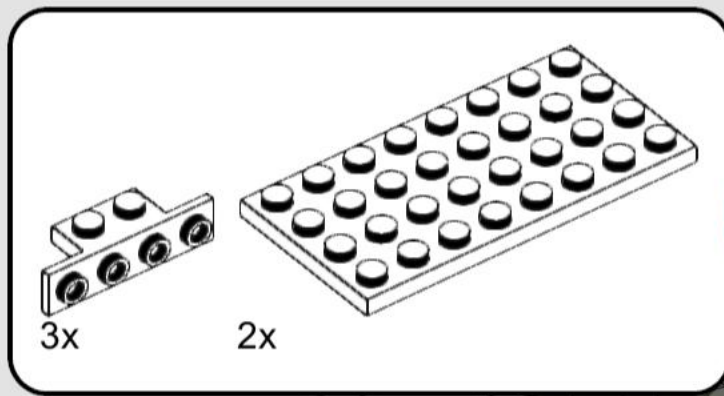


48



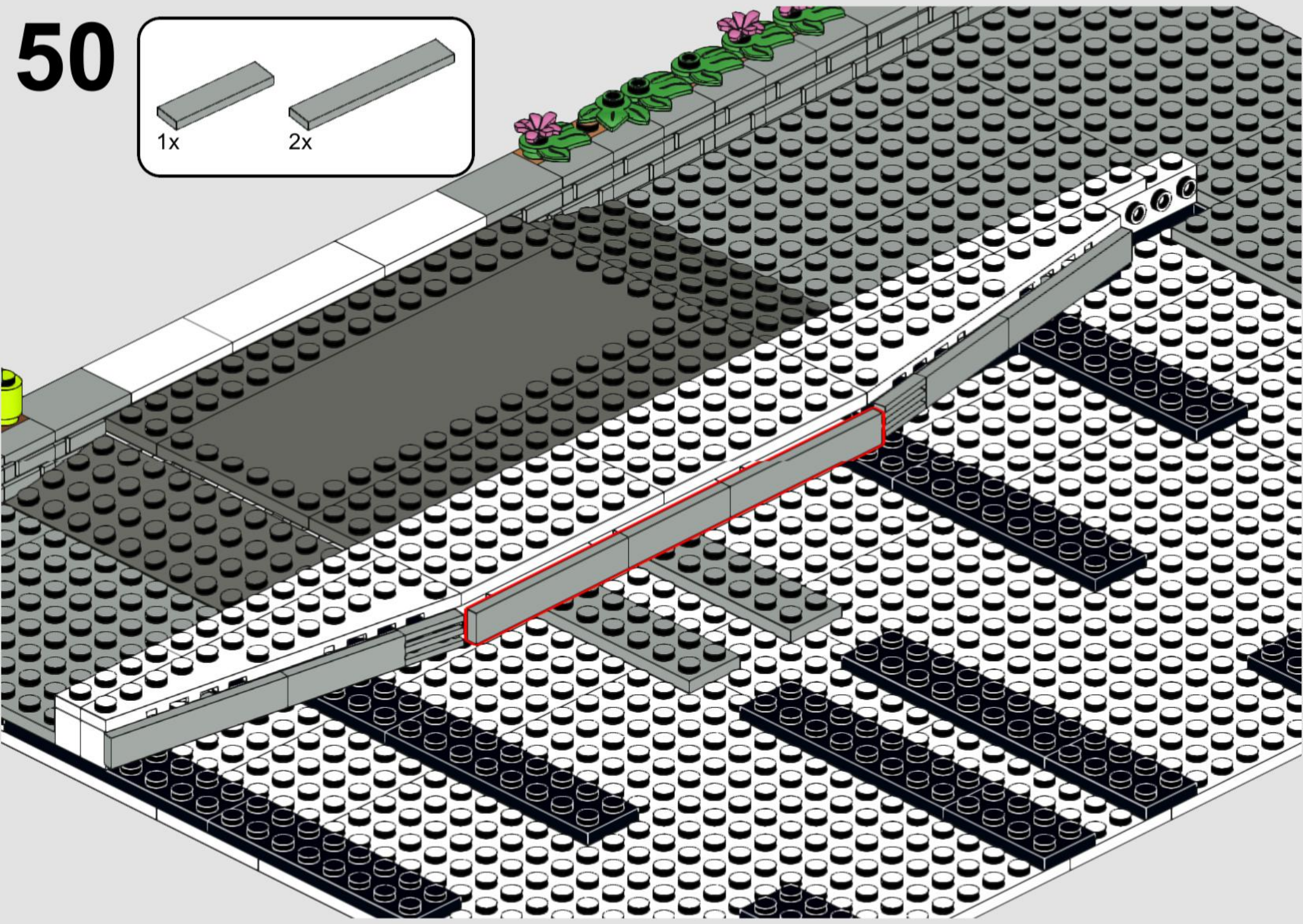
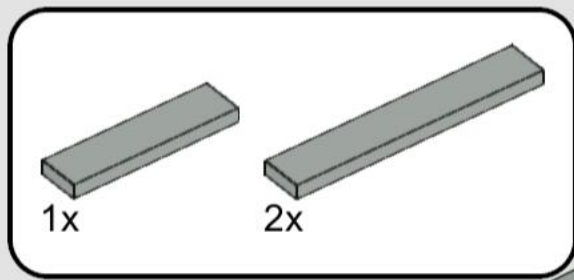


# 49



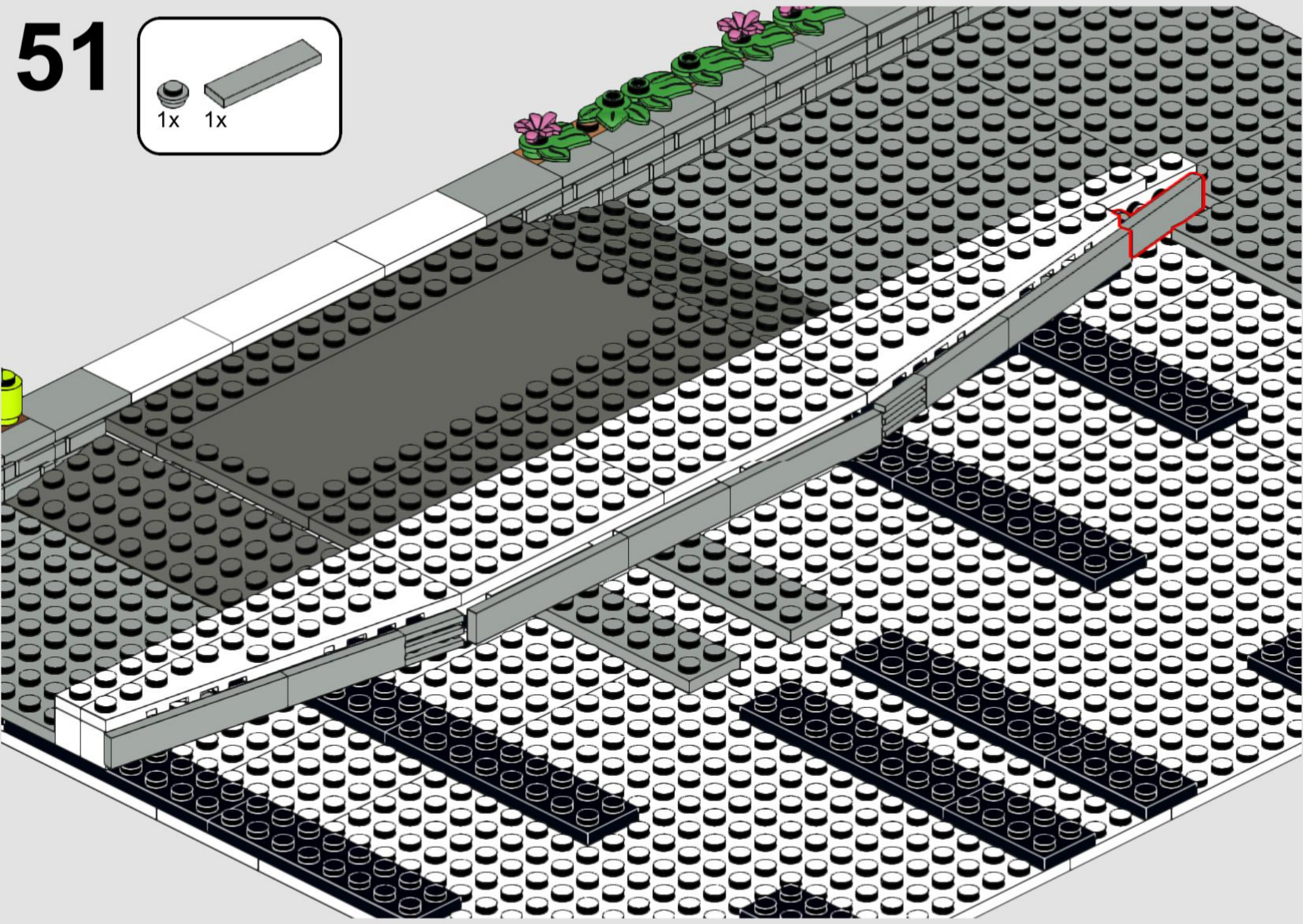
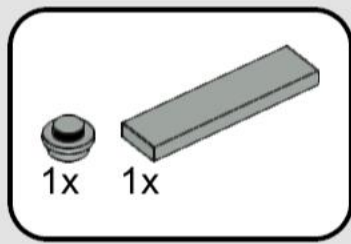


# 50



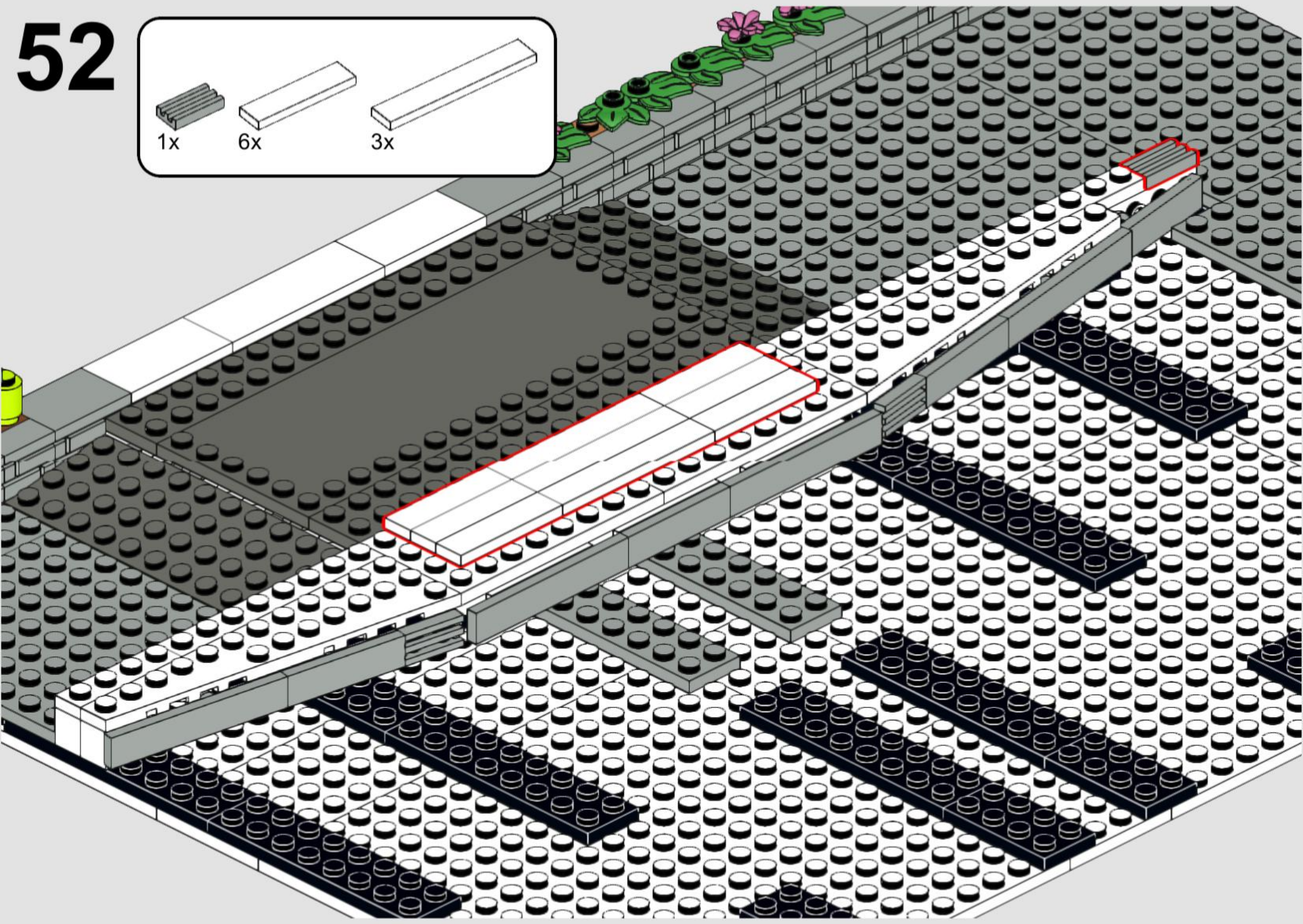
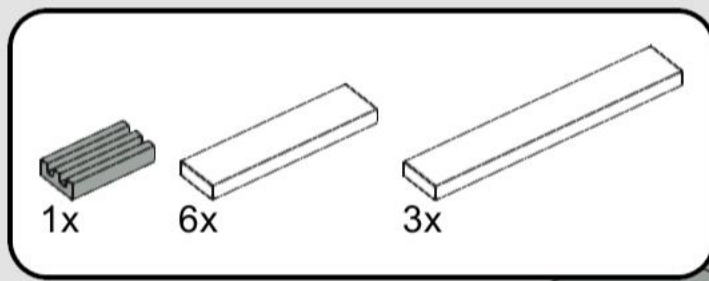


# 51



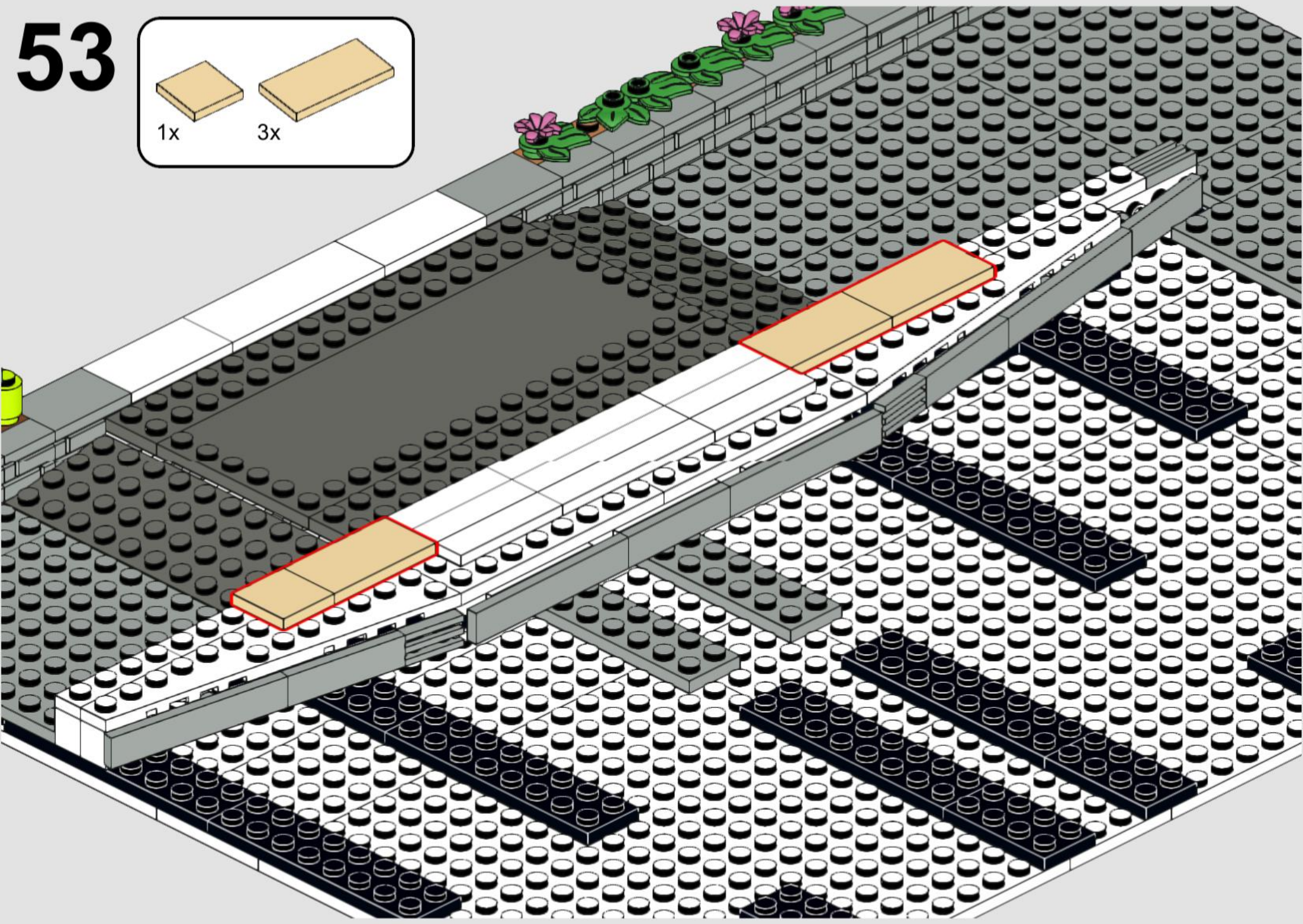
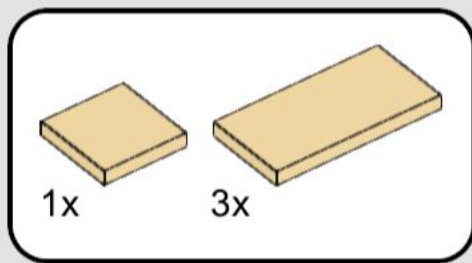


# 52



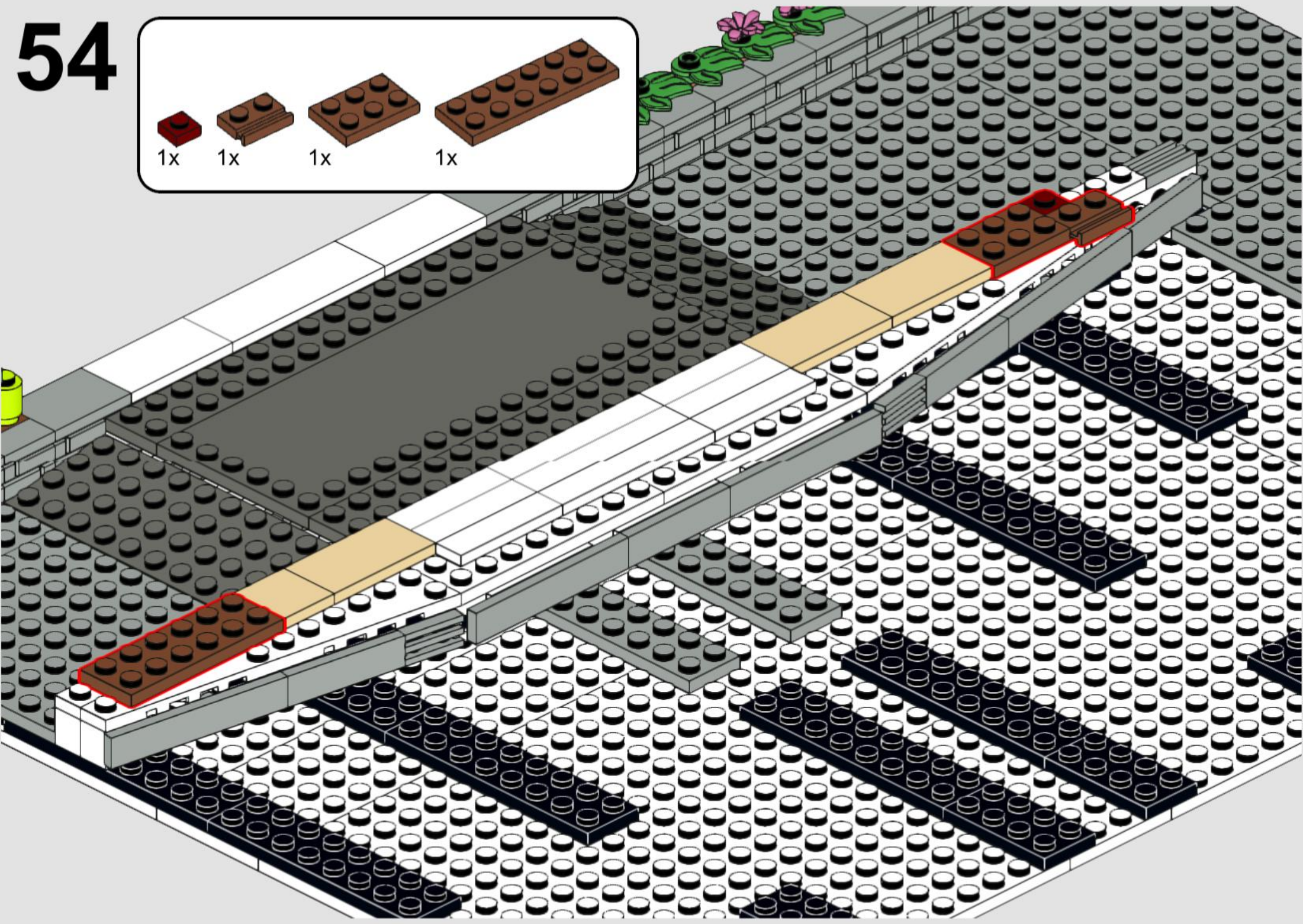
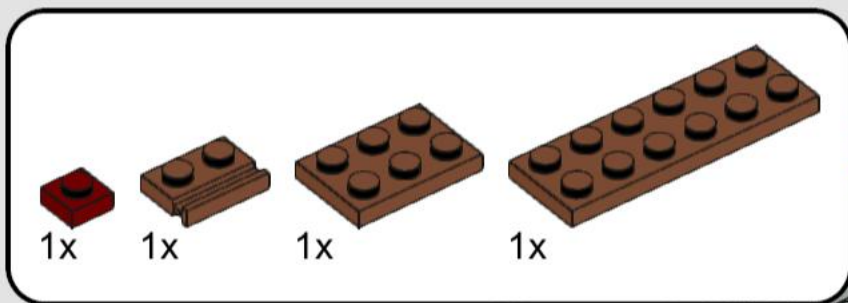


# 53



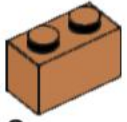


# 54

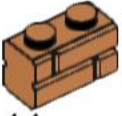




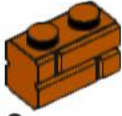
# 55



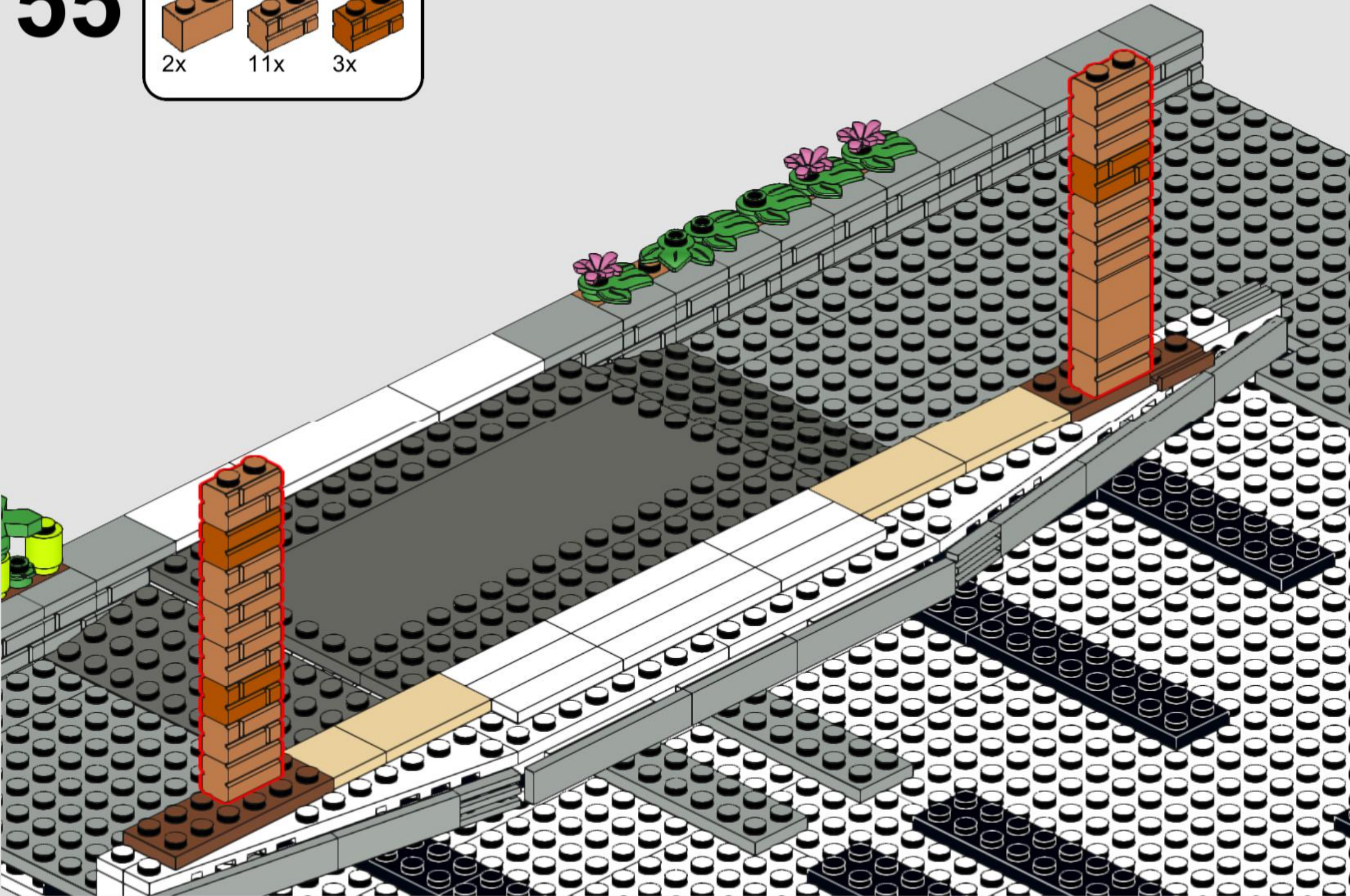
2x



11x

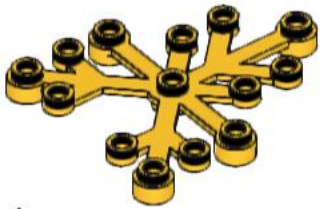


3x

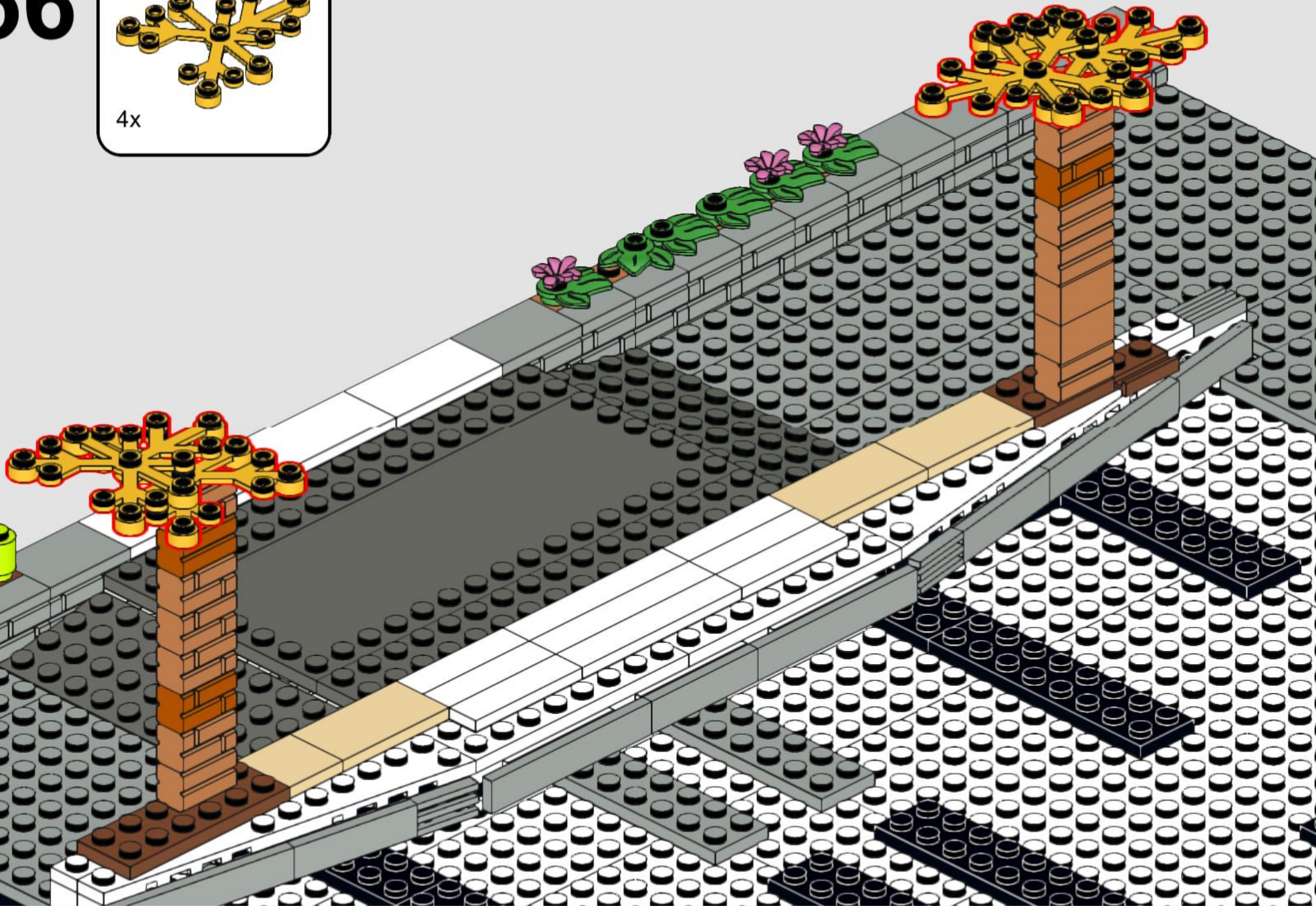




# 56

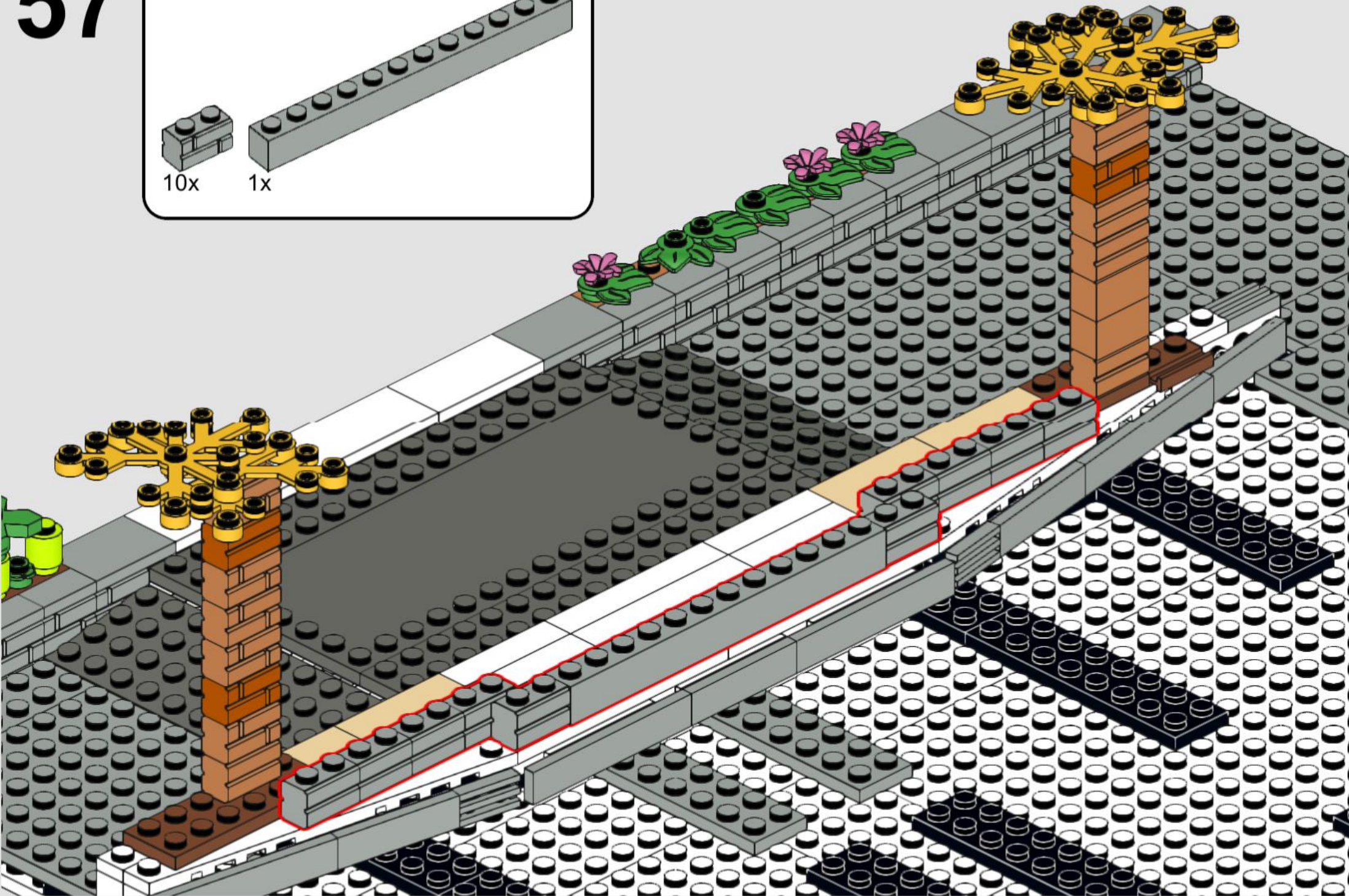
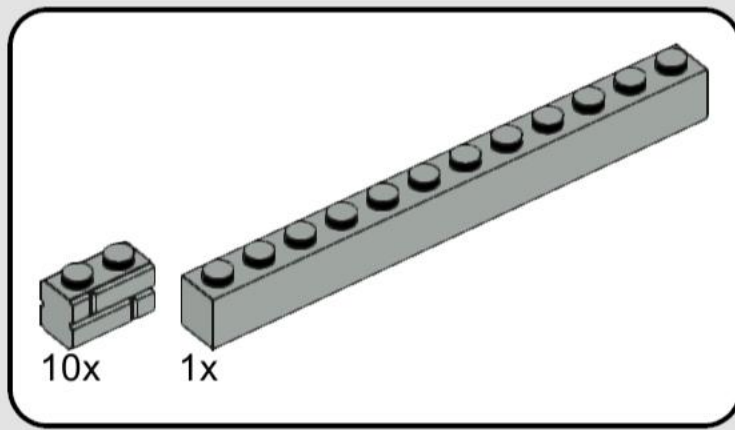


4x



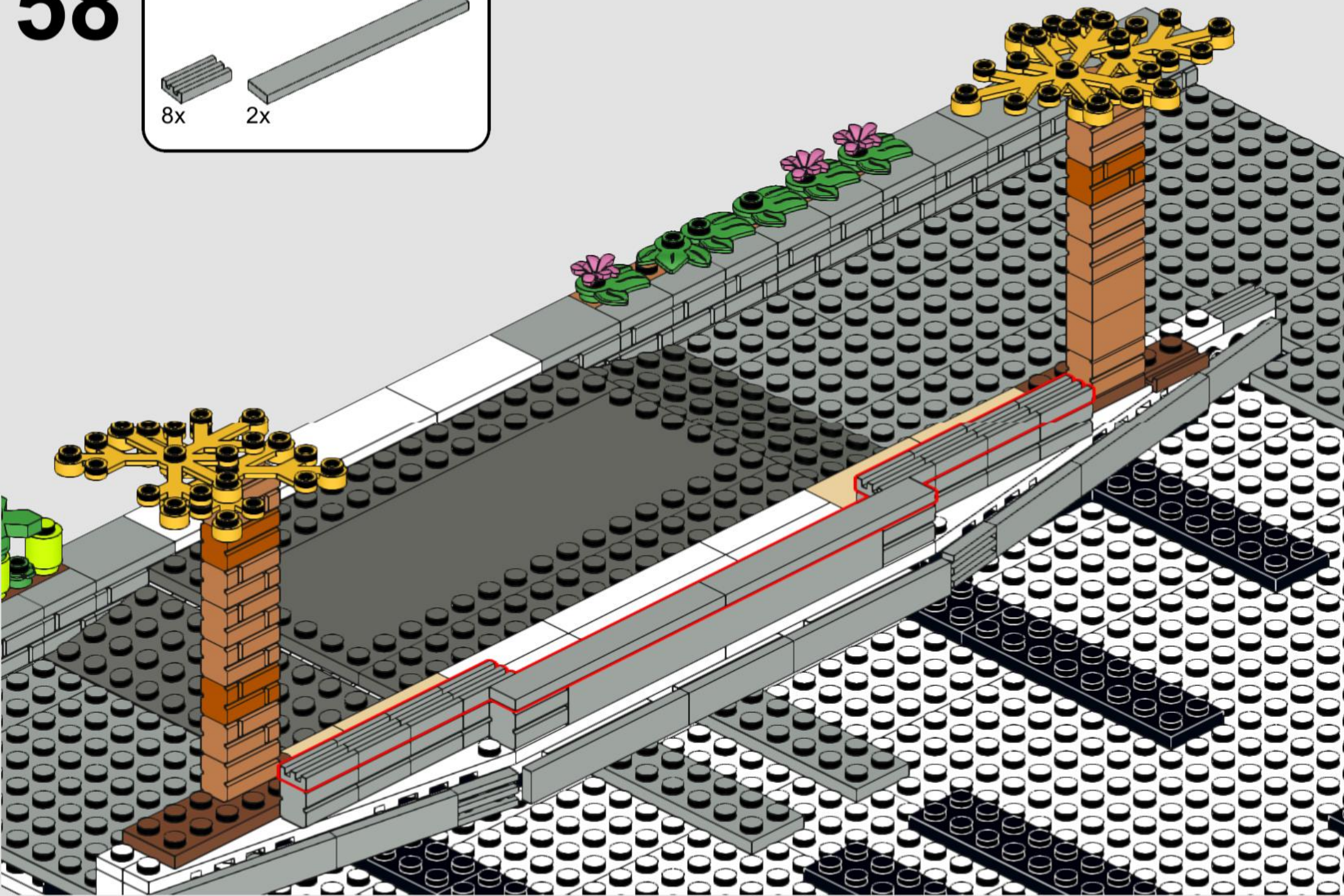
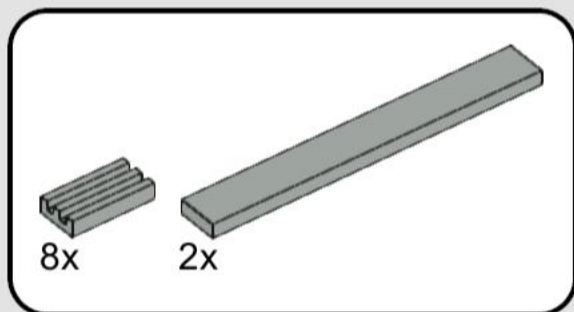


# 57



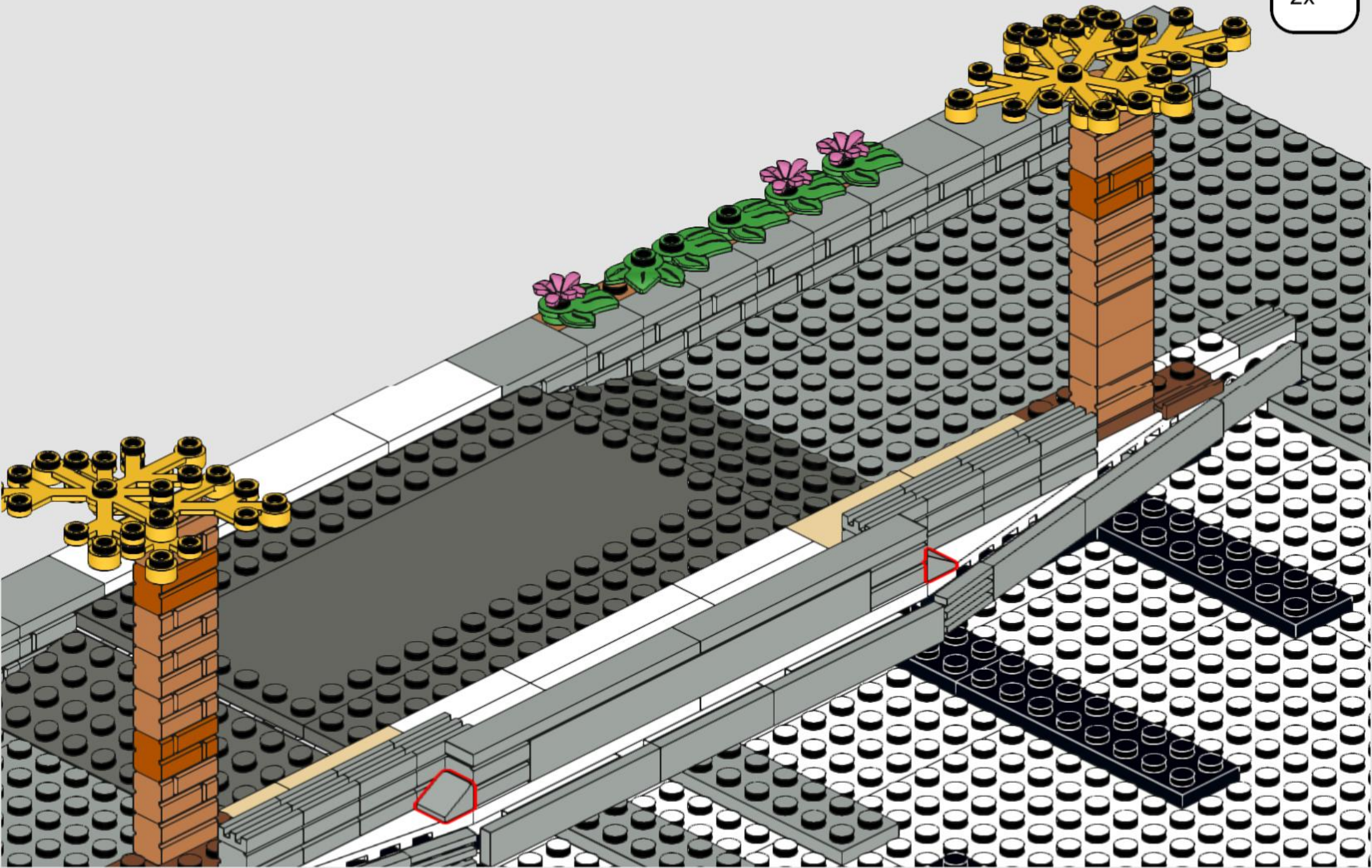
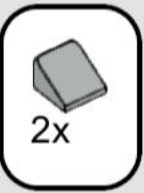


# 58



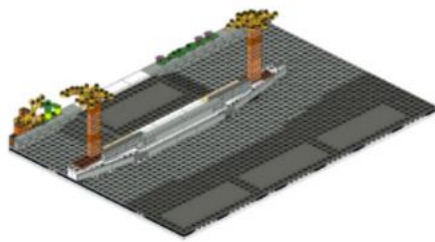


59





# 60



1x



1x



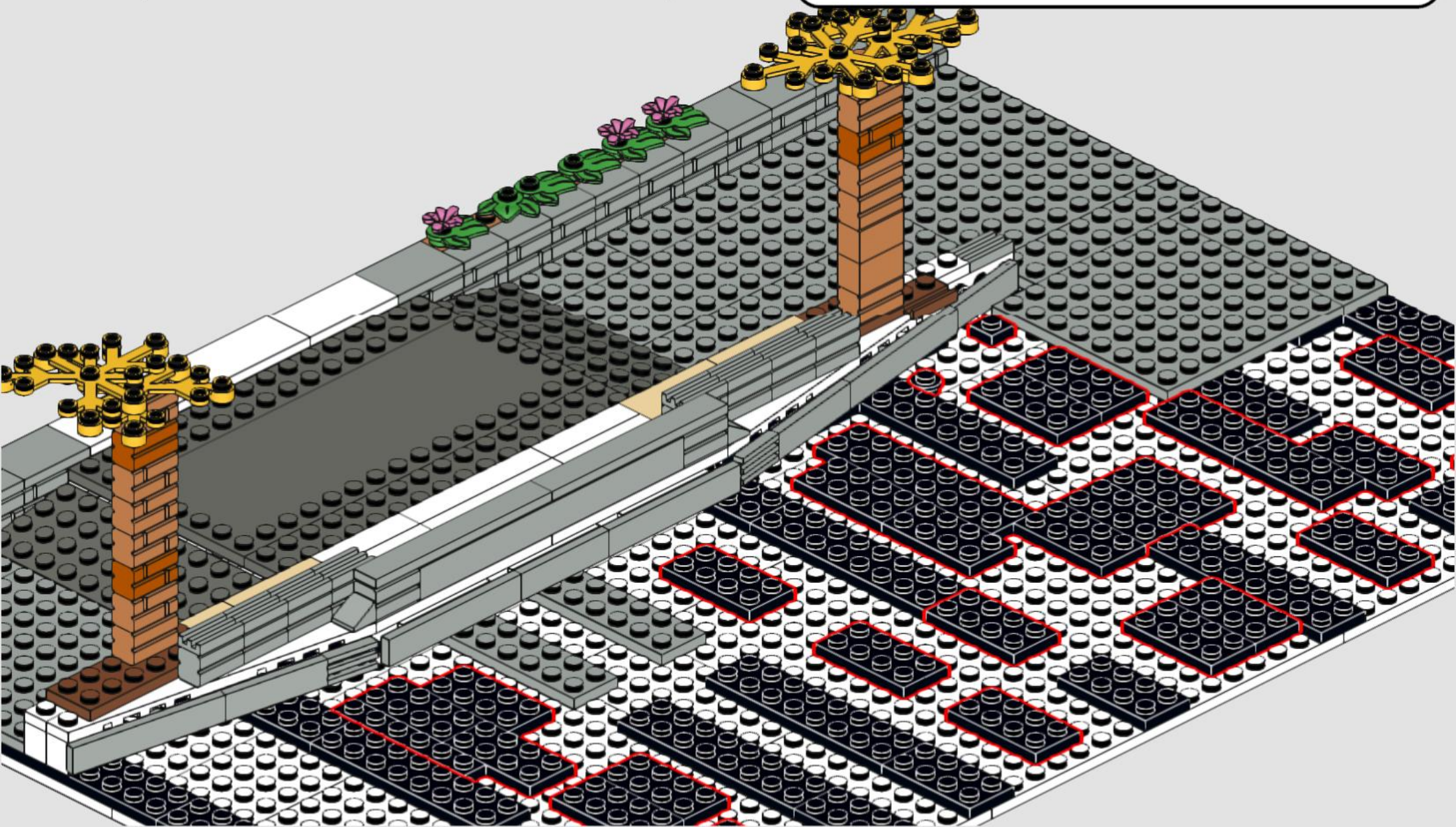
28x



1x

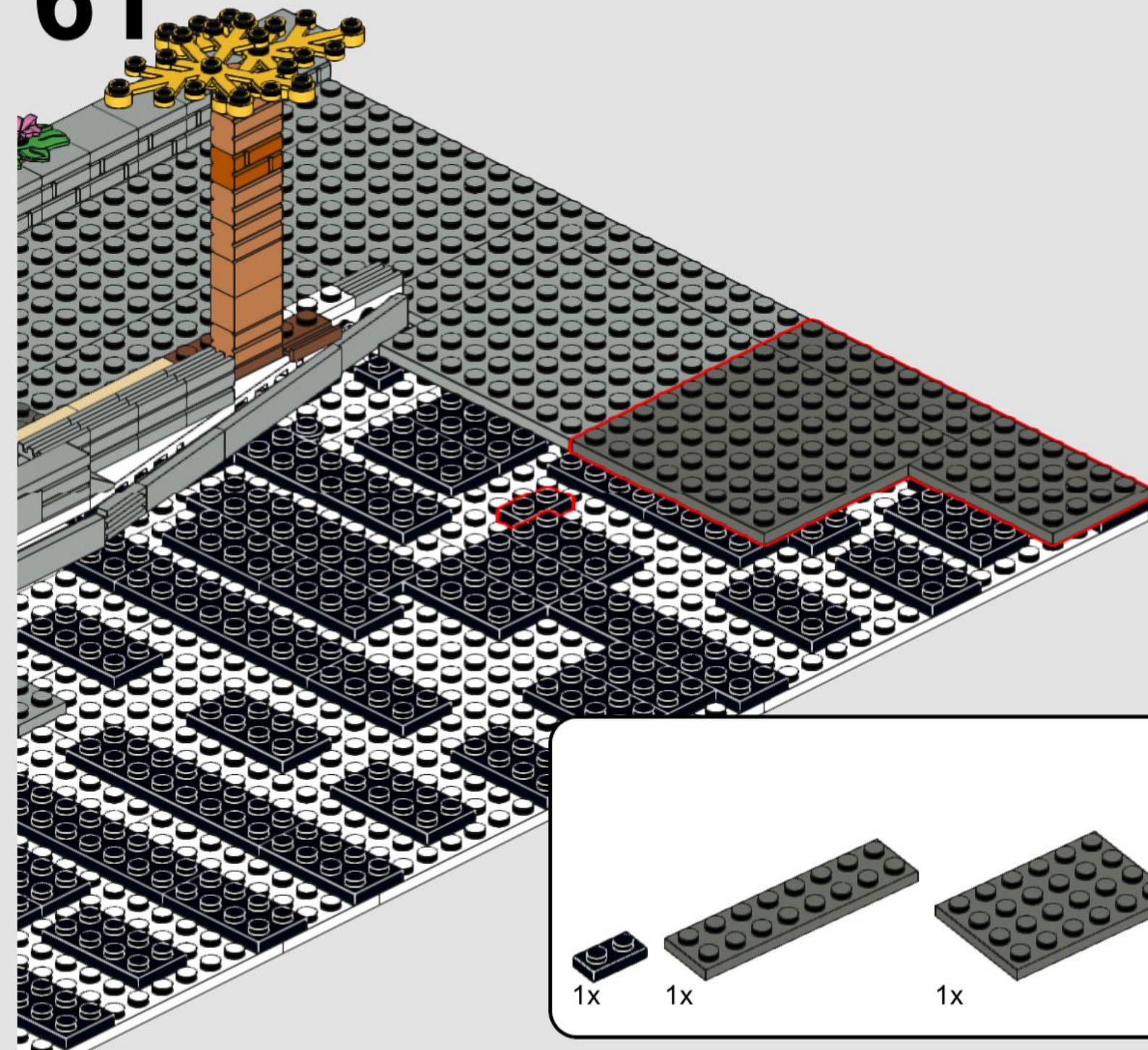


1x





# 61



1x



1x



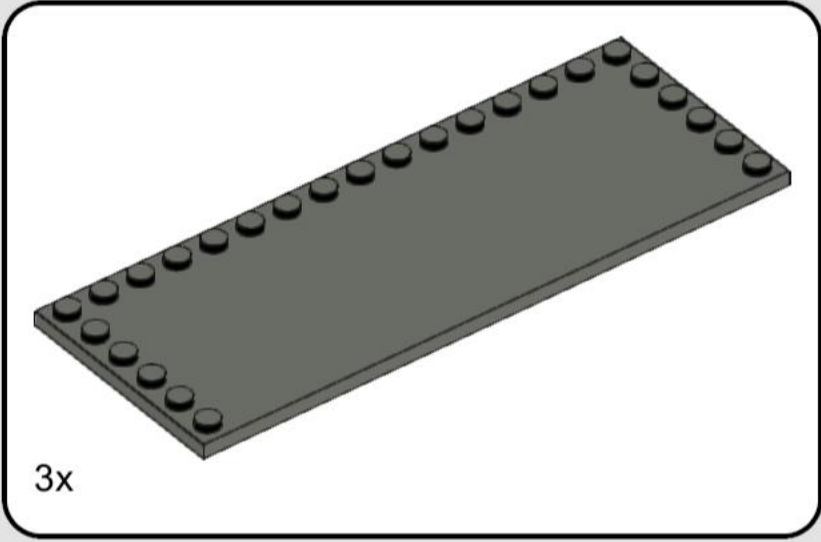
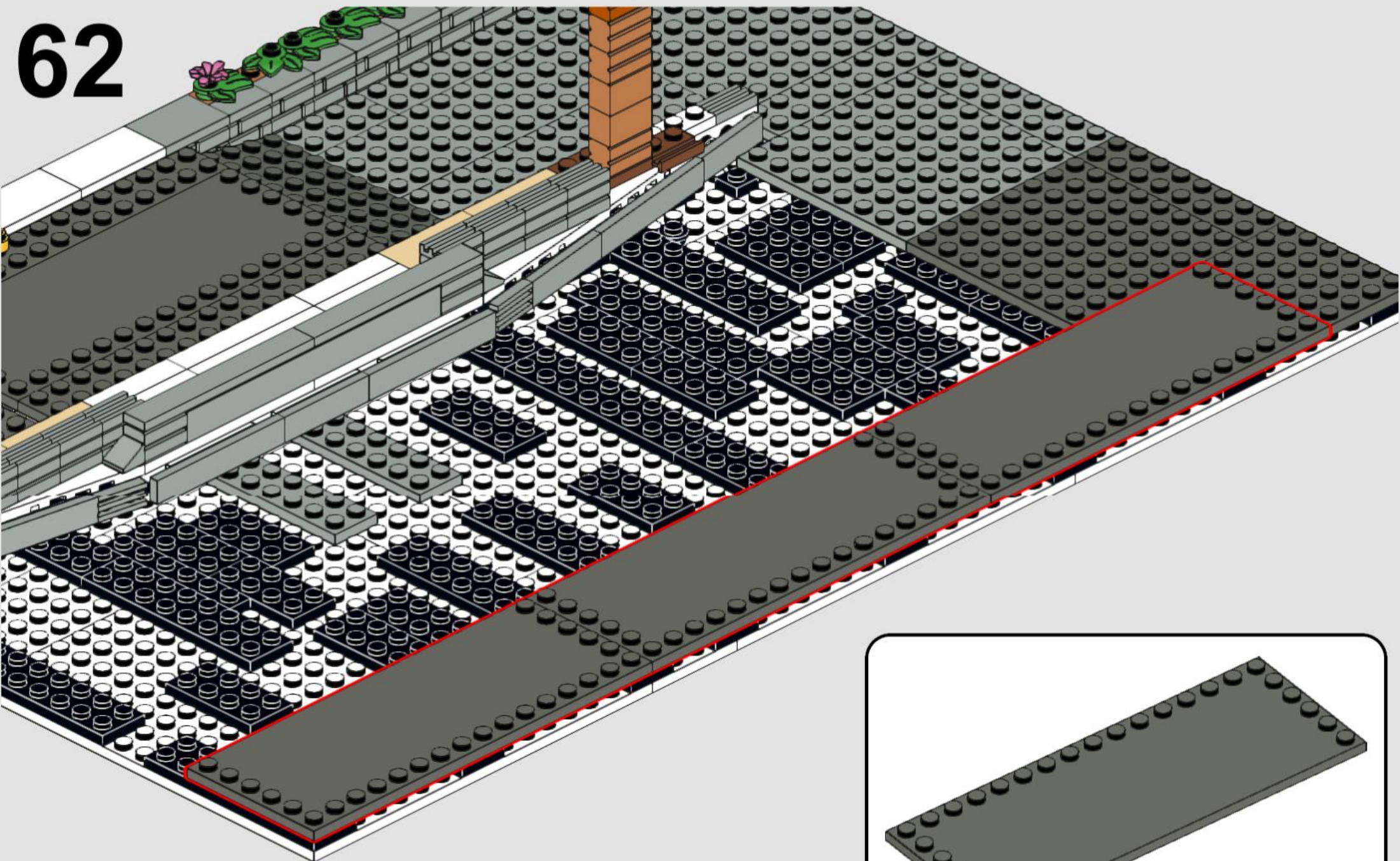
1x



1x



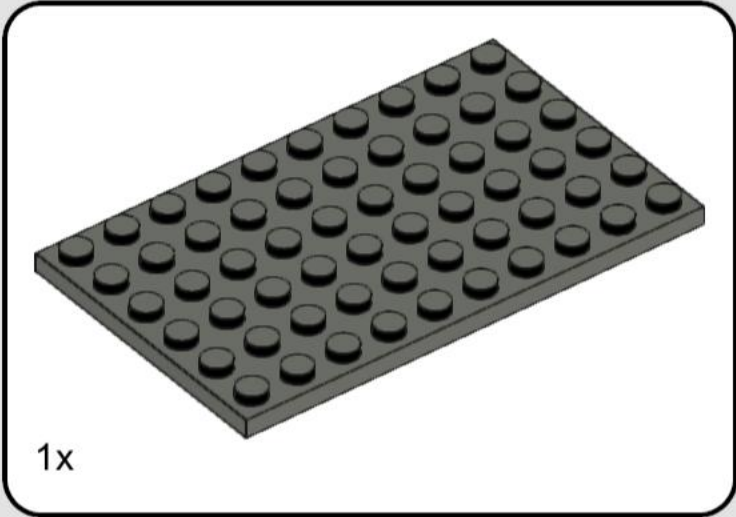
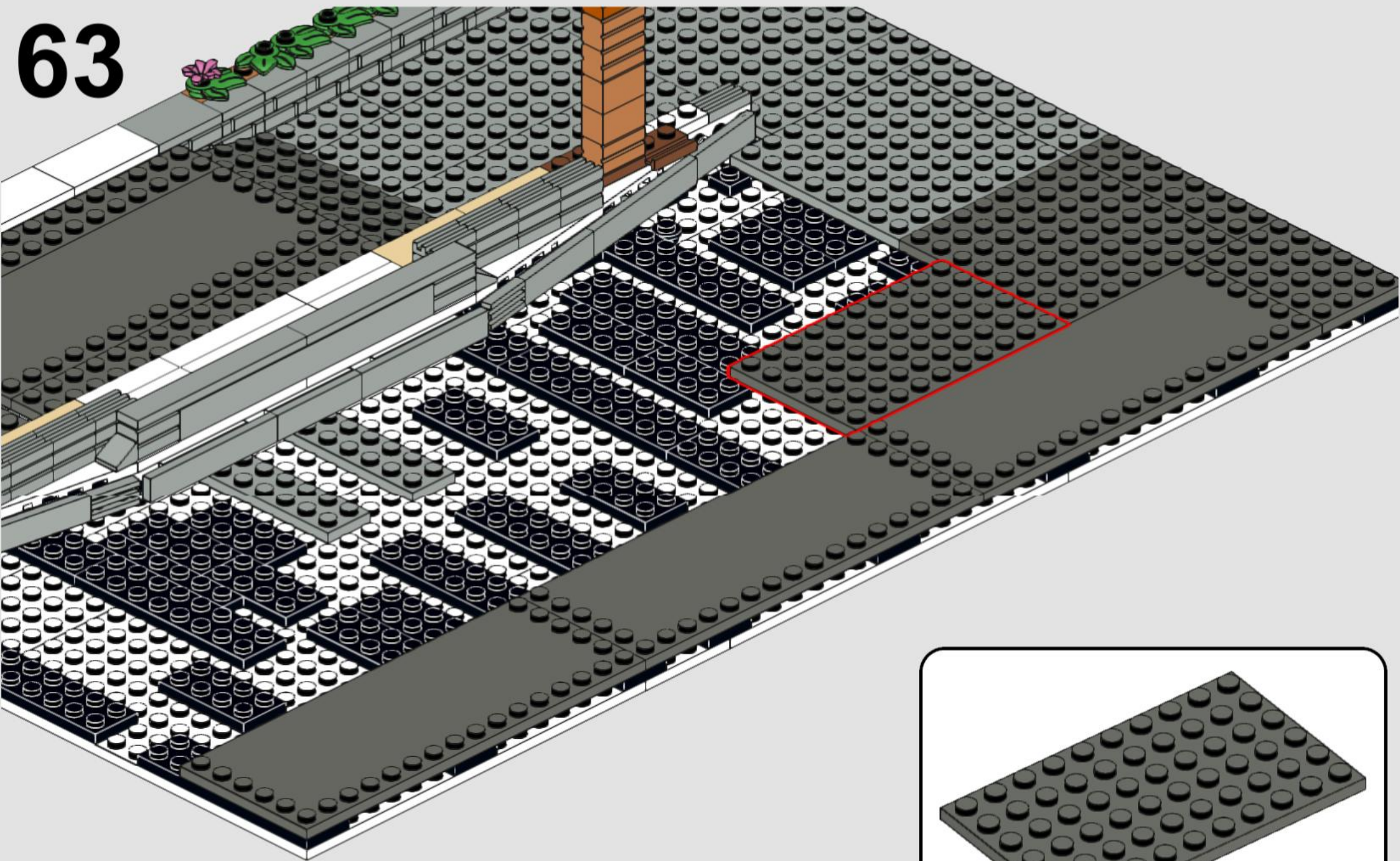
62



3x



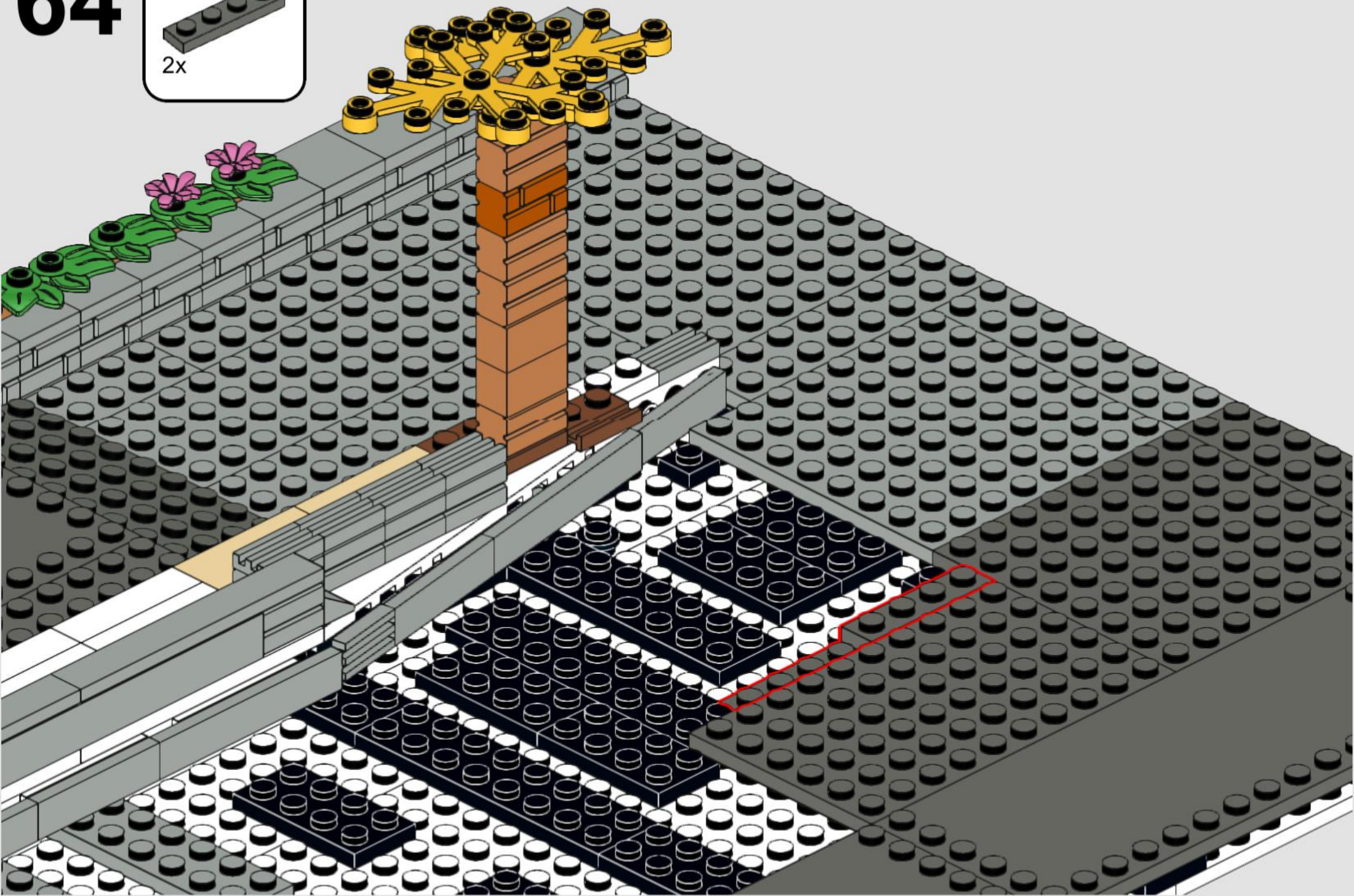
63





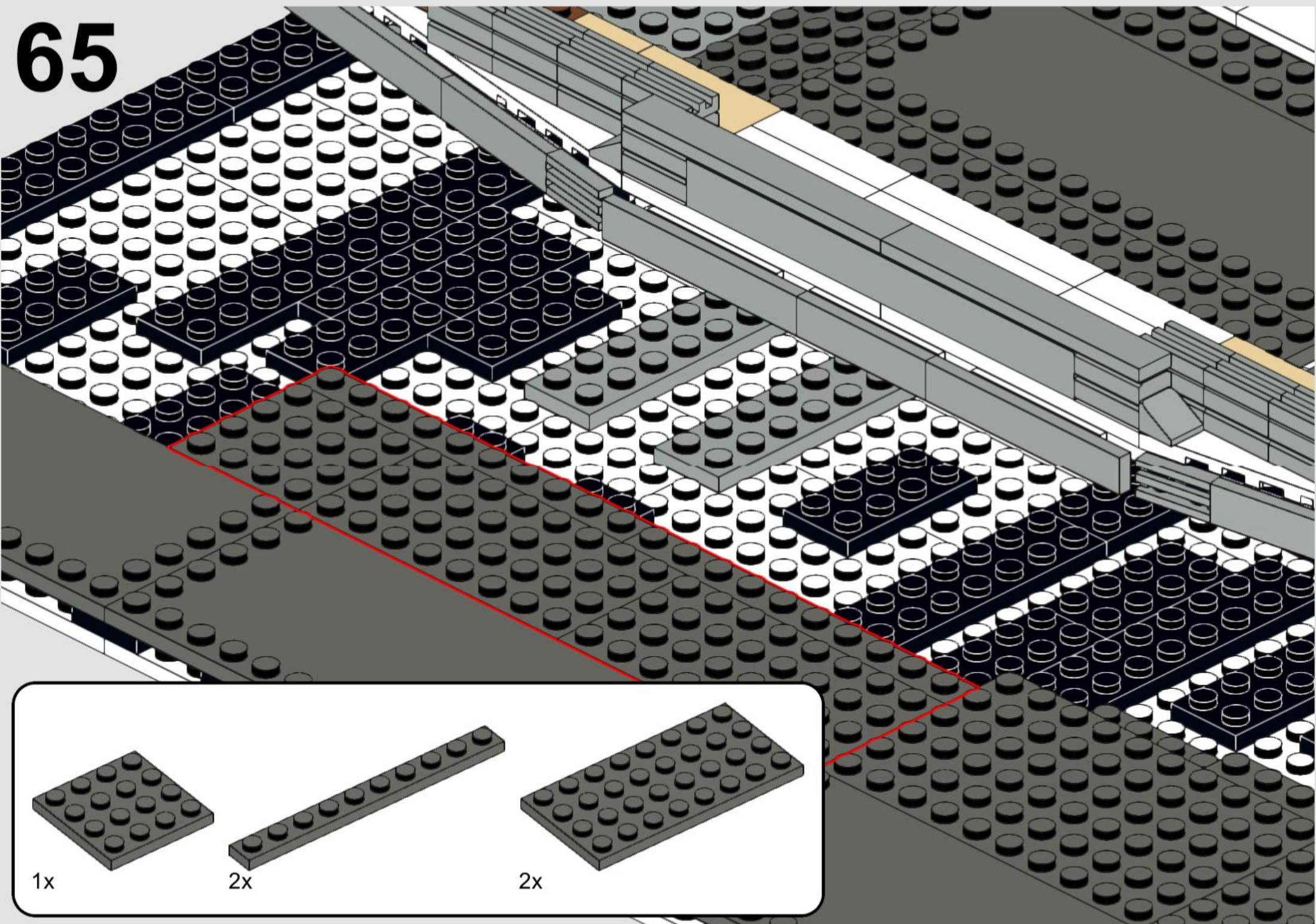
# 64

2x





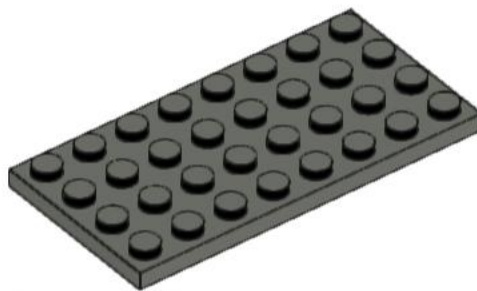
65



1x



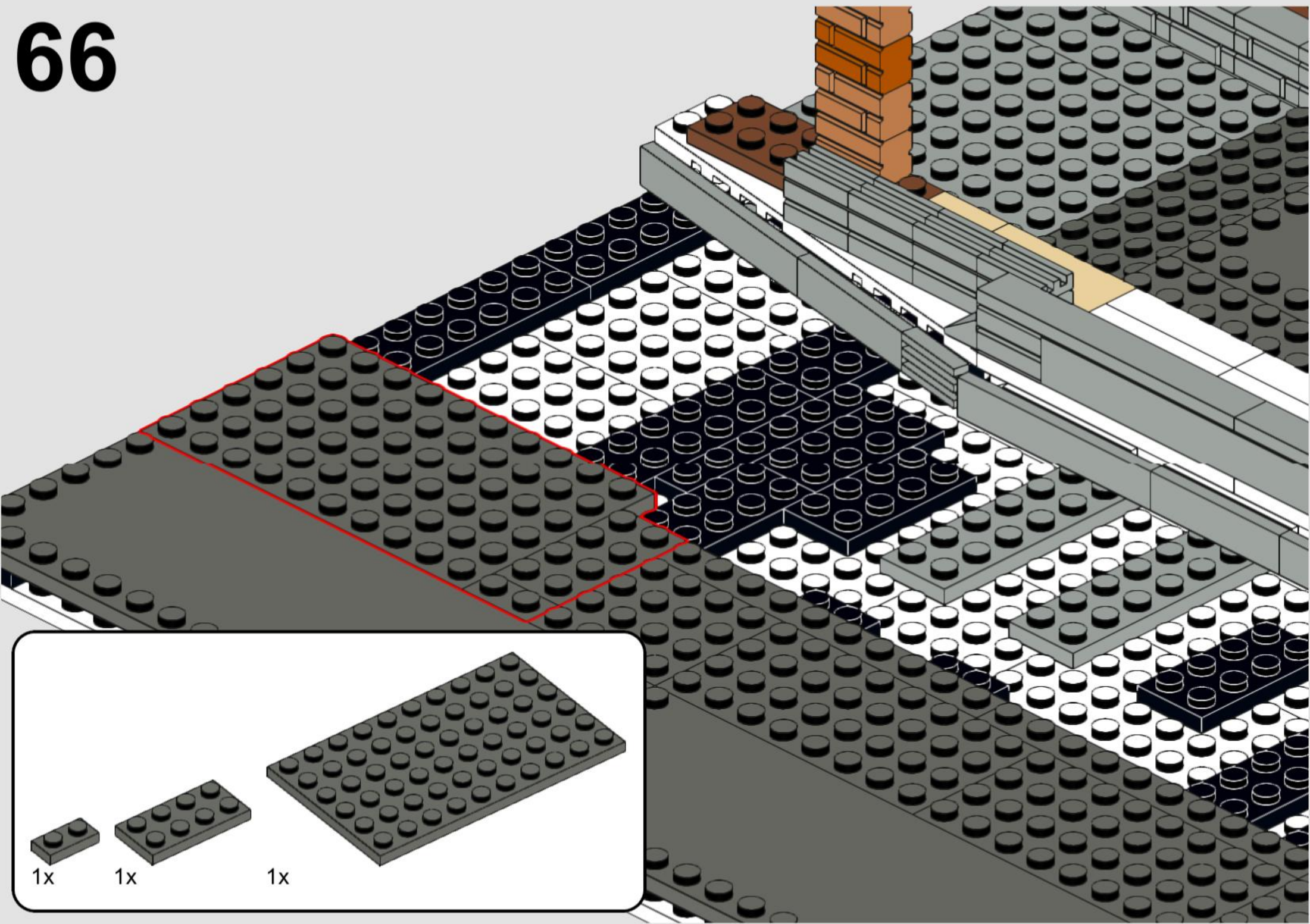
2x



2x

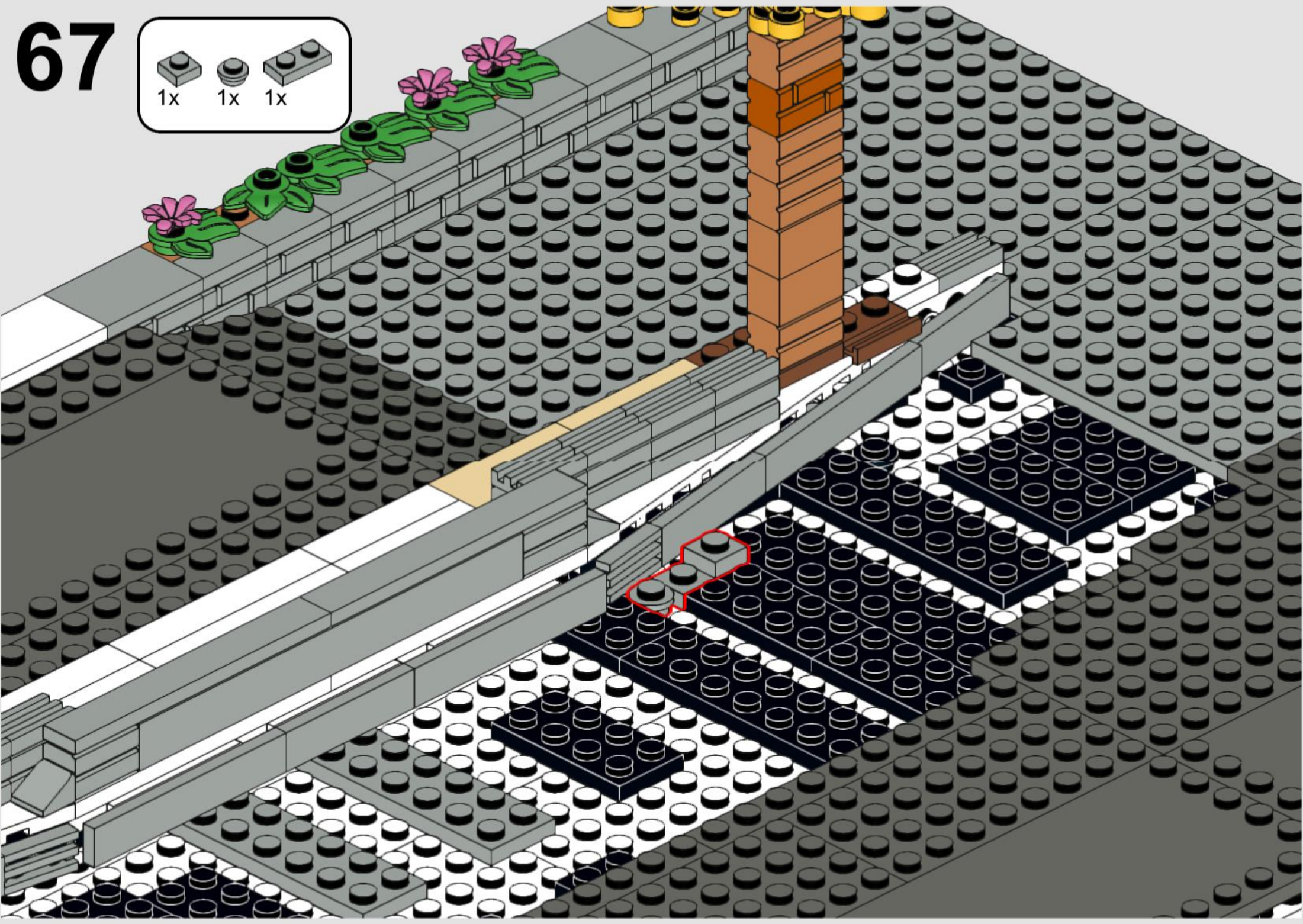
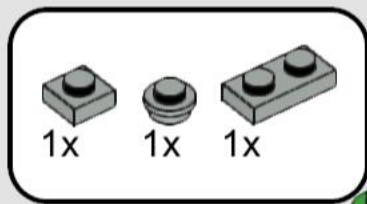


# 66



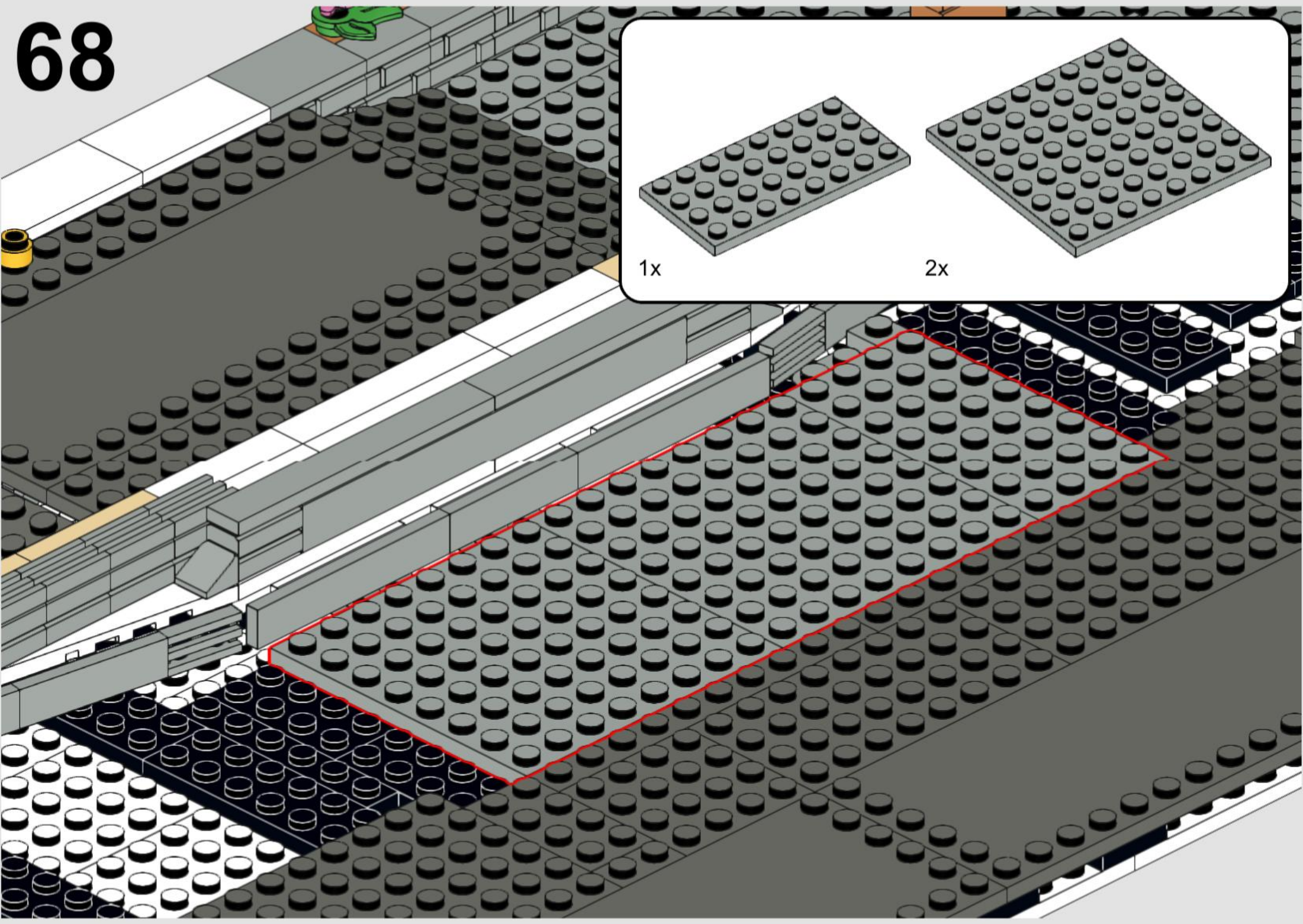
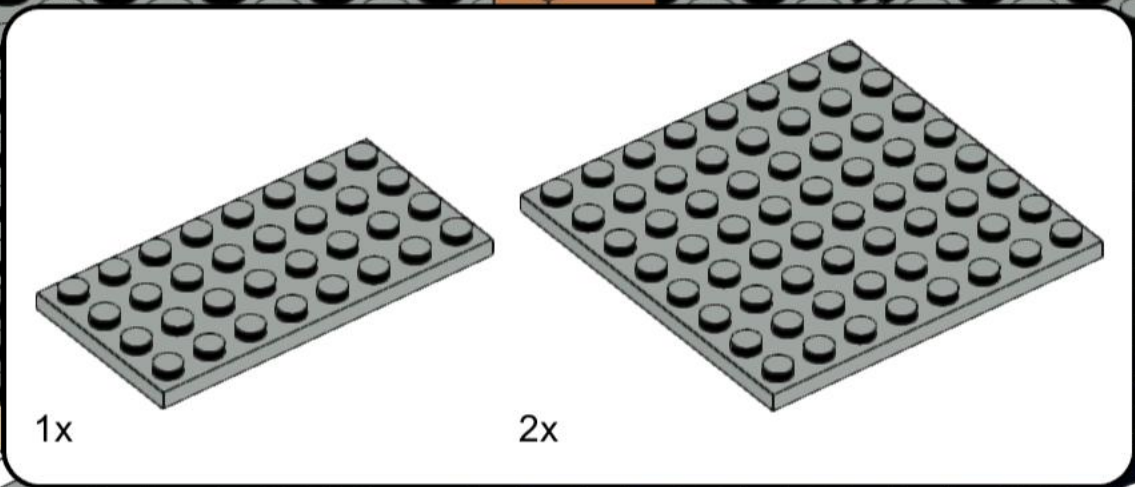


# 67



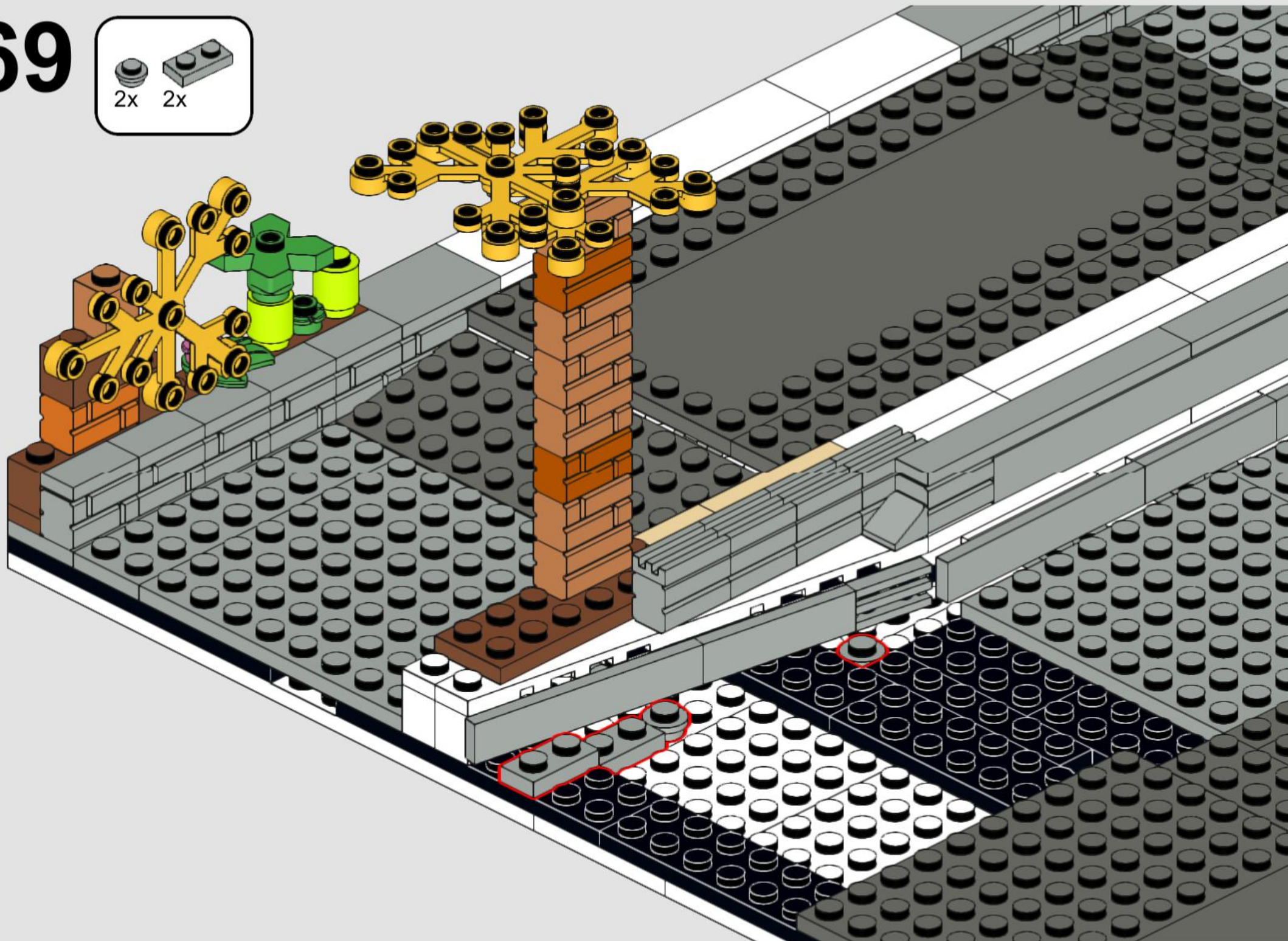
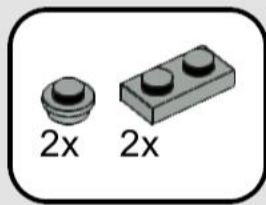


68



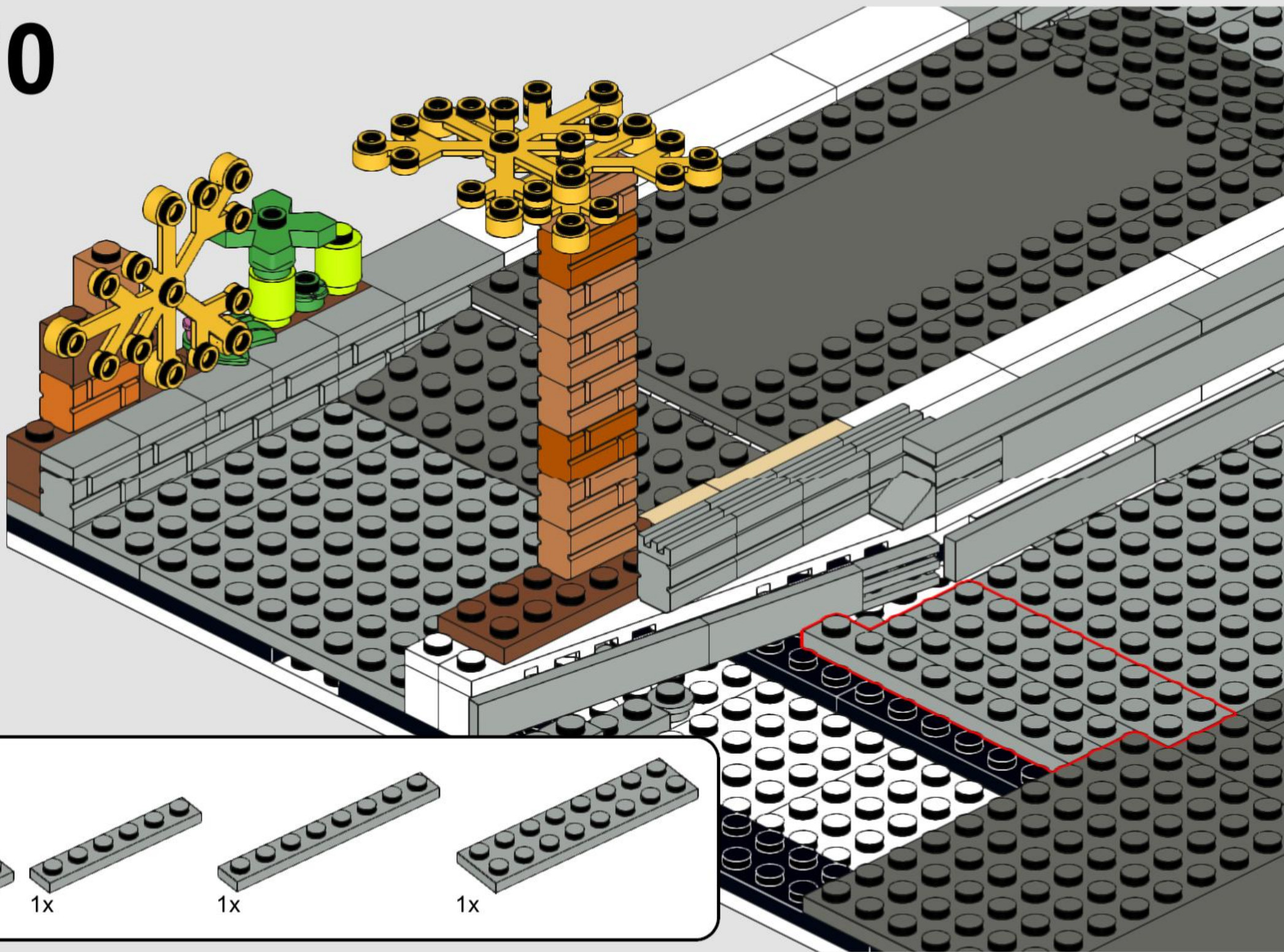


# 69



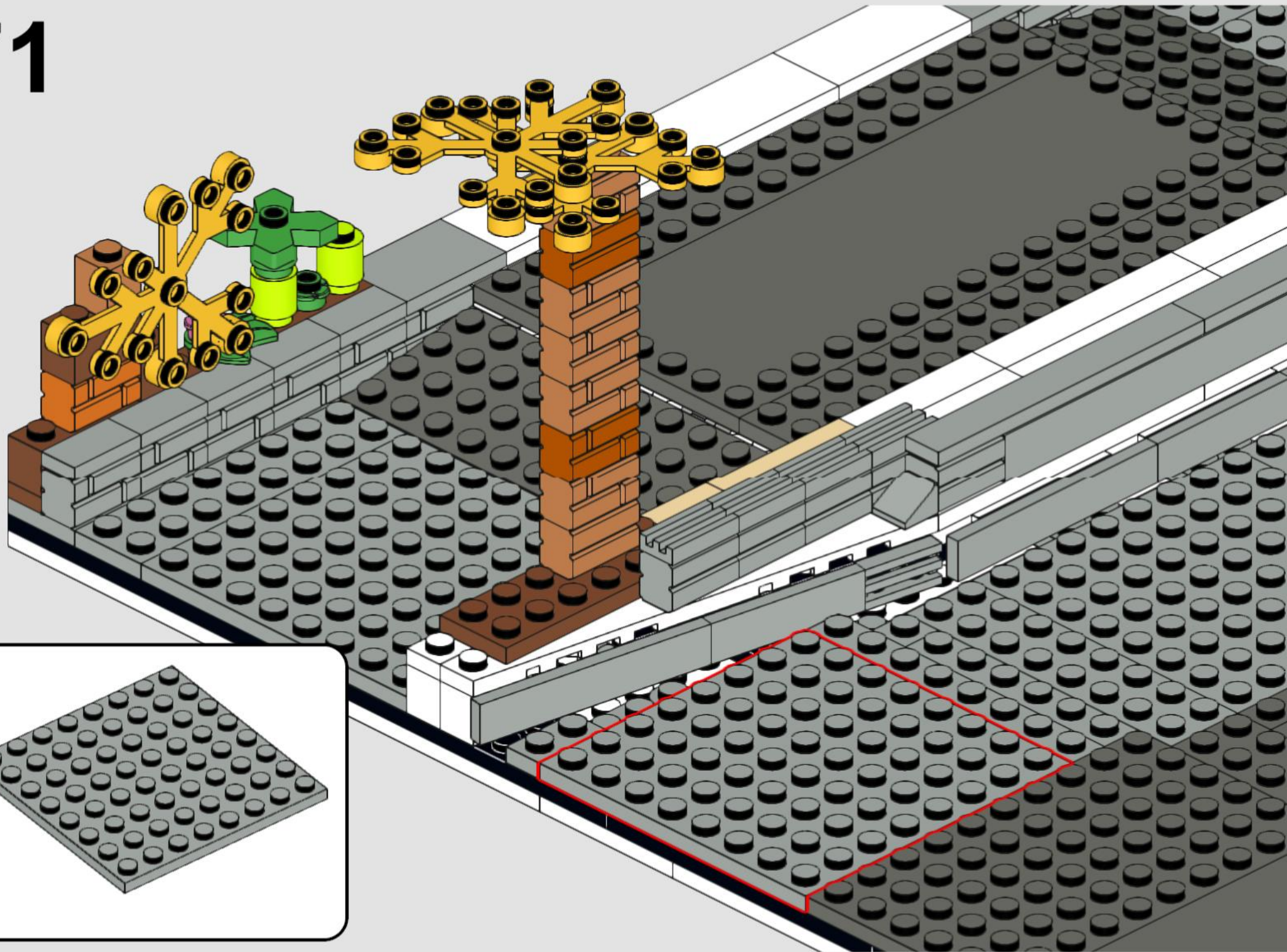


70





71





# 72



2x

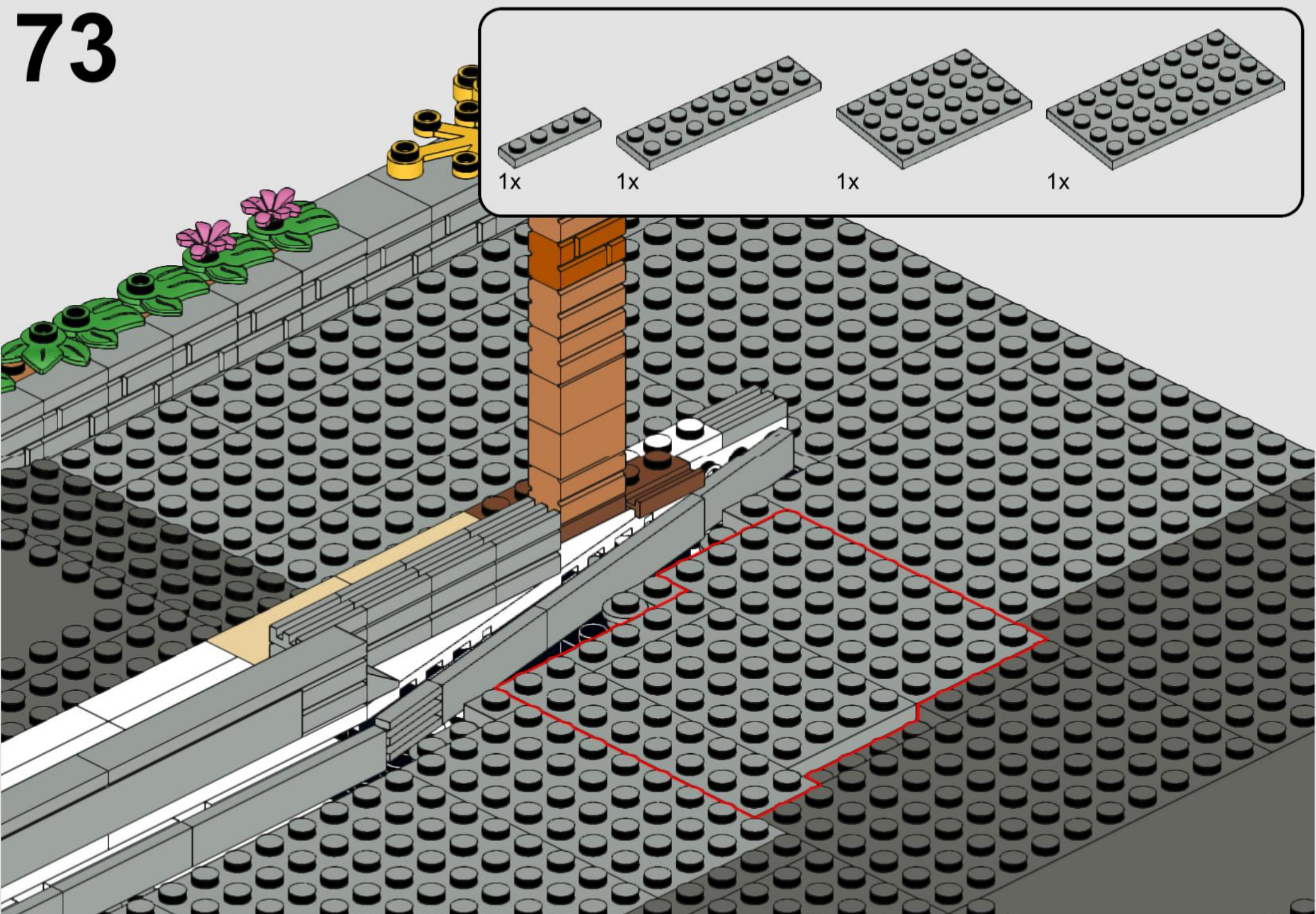
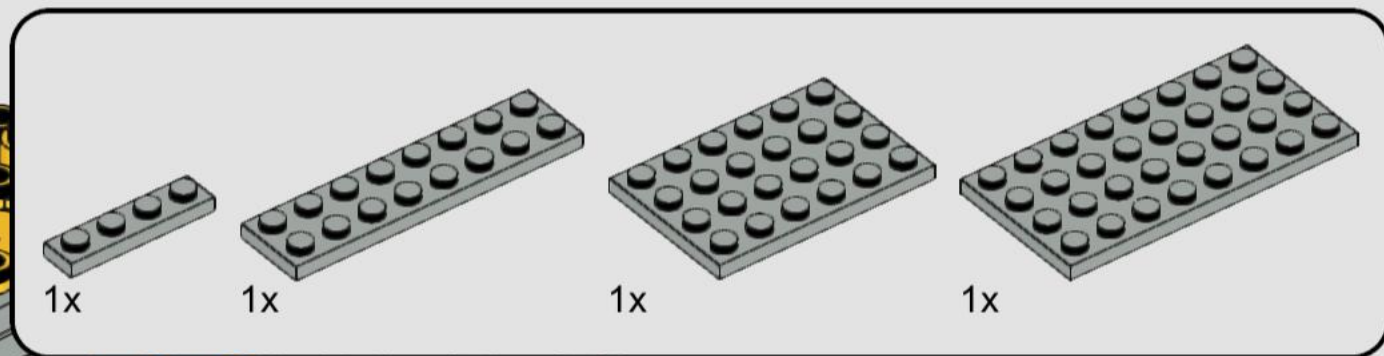


2x



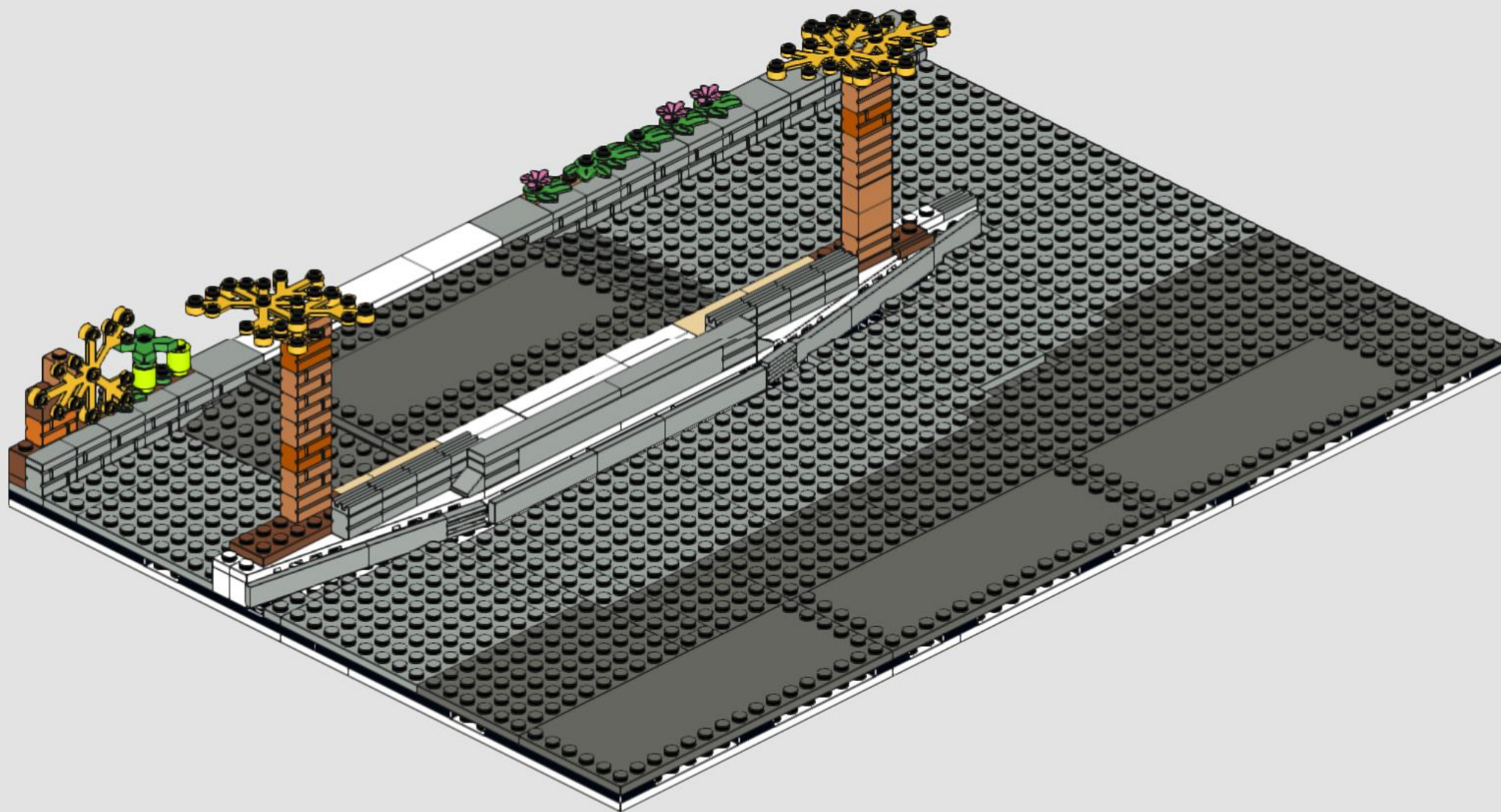


73





74







1x  
3024  
Black



3x  
4073  
Black



4x  
3023  
Black



5x  
3710  
Black



47x  
3020  
Black



3x  
78329  
Black



2x  
3666  
Black



24x  
3034  
Black



2x  
60479  
Black



1x  
3023  
Dark Bluish Gray



2x  
3710  
Dark Bluish Gray



1x  
3020  
Dark Bluish Gray



6x  
3001  
Dark Bluish Gray



1x  
3031  
Dark Bluish Gray



1x  
3032  
Dark Bluish Gray



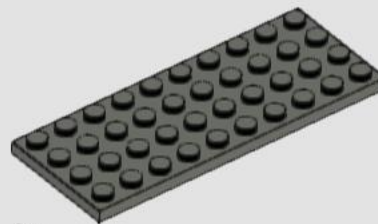
1x  
3034  
Dark Bluish Gray



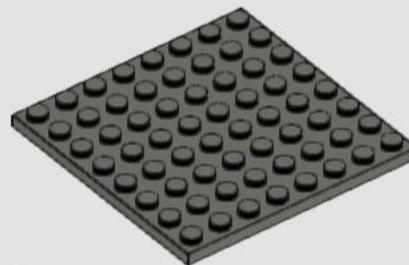
2x  
3035  
Dark Bluish Gray



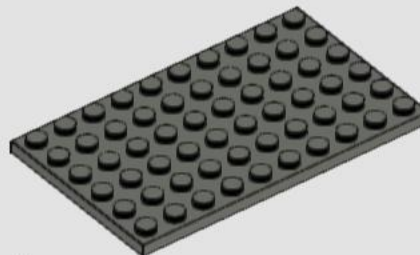
2x  
4477  
Dark Bluish Gray



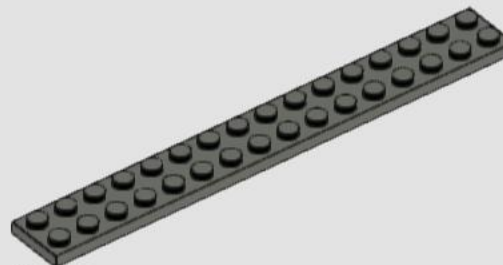
2x  
3030  
Dark Bluish Gray



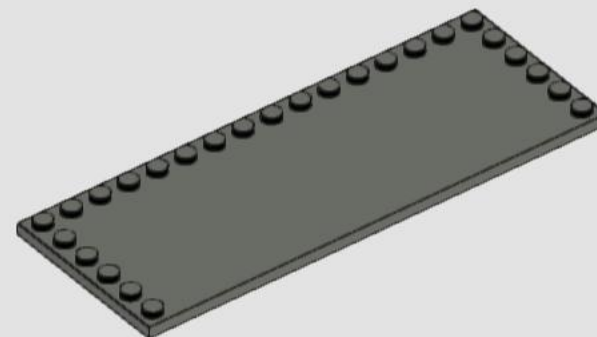
1x  
41539  
Dark Bluish Gray



2x  
3033  
Dark Bluish Gray



2x  
4282  
Dark Bluish Gray



4x  
6205  
Dark Bluish Gray



10x  
4073  
Light Gray



4x  
3024  
Light Gray



2x  
54200  
Light Gray



4x  
61252  
Light Gray



11x  
3069b  
Light Gray



11x  
2412a  
Light Gray



3x  
3023  
Light Gray

2x  
3020  
Light Gray

29x  
98283  
Light Gray

1x  
3666  
Light Gray

5x  
3068a  
Light Gray

4x  
60478  
Light Gray

2x  
26603  
Light Gray

1x  
3032  
Light Gray

1x  
3710  
Light Gray

1x  
3460  
Light Gray

4x  
2431  
Light Gray

2x  
4162  
Light Gray

7x  
3034  
Light Gray

2x  
3035  
Light Gray

6x  
41539  
Light Gray

1x  
6112  
Light Gray

2x  
3029  
Light Gray

4x  
4282  
Light Gray

1x  
4073  
White

2x  
4070  
White

4x  
3004  
White

1x  
3710  
White

6x  
2431  
White

1x  
3666  
White

3x  
30414  
White

1x  
69729  
White

3x  
2436  
White

1x  
2456  
White

2x  
87079  
White

2x  
3460  
White

1x  
3031  
White

3x  
6636  
White

1x  
crssprt01  
White

1x  
3666  
White

1x  
69729  
White

1x  
2456  
White

2x  
87079  
White

2x  
3460  
White

1x  
3031  
White

3x  
6636  
White

1x  
3666  
White

1x  
69729  
White

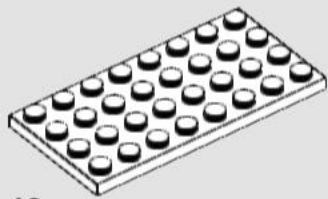
1x  
2456  
White

2x  
3460  
White

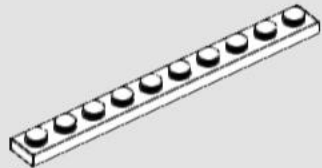
1x  
3031  
White

1x  
crssprt01  
White

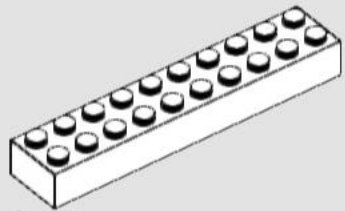




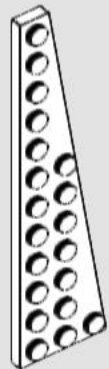
12x  
3035  
White



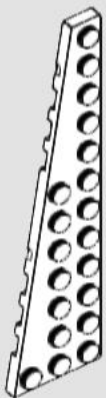
2x  
4477  
White



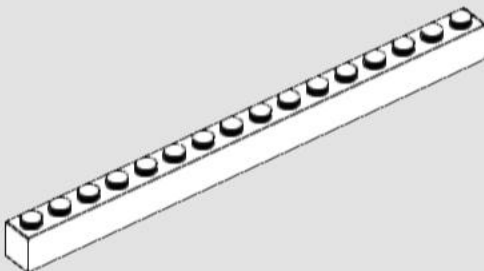
1x  
3006  
White



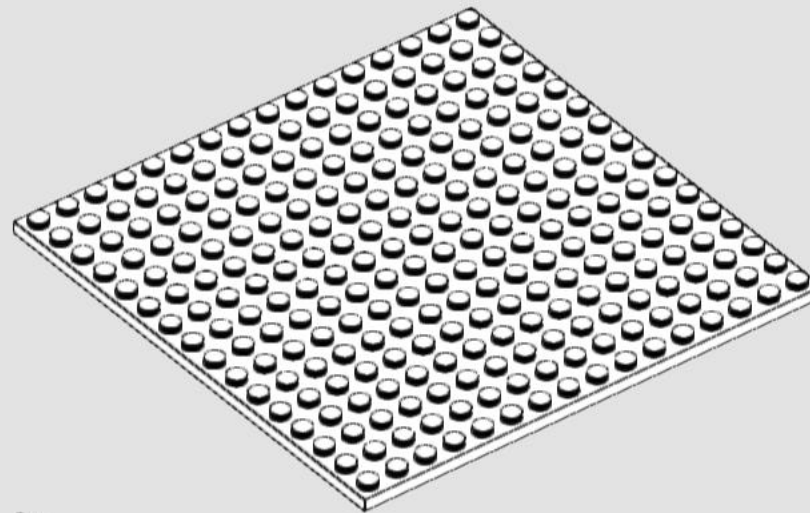
1x  
47398  
White



1x  
47397  
White



3x  
2465  
White



6x  
91405  
White



1x  
3024  
Dark Red



1x  
24866  
Dark Pink



3x  
32606  
Dark Pink



1x  
87087  
Light Brown



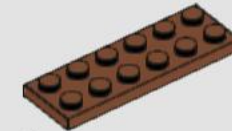
1x  
32028  
Light Brown



1x  
3004  
Light Brown



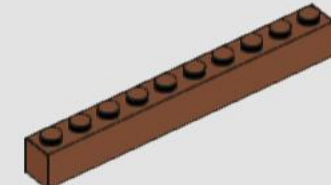
1x  
3021  
Light Brown



1x  
3795  
Light Brown



1x  
4477  
Light Brown



1x  
6111  
Light Brown



1x  
3005  
Fabuland Brown

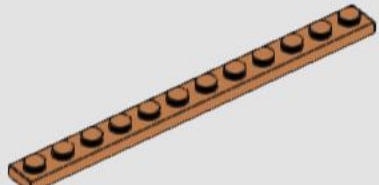




23x  
98283  
Fabuland Brown



2x  
3065  
Fabuland Brown



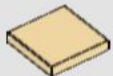
1x  
60479  
Fabuland Brown



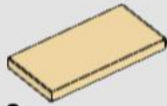
1x  
98283  
Medium Nougat



5x  
2417  
Dark Yellow



1x  
3068b  
Tan



3x  
87079  
Tan



3x  
98283  
Dark Nougat



2x  
3062a  
Lime



1x  
24866  
Bright Green



7x  
32607  
Bright Green



1x  
4727  
Bright Green





## Do you like this LEGO Ideas Set?

The Lego group would like your opinion on the new product you have just purchased. Your feedback will help shape the future development of this product series.

Please visit:

**LEGO.com/productfeedback**

By completing our short feedback survey, you will be automatically entered into a drawing to win a LEGO prize

Terms & Conditions apply.

*Arent Janszoon Ernststraat*

