MY SWISS BRICK TRIP · SCHAFFHAUSEN

Rhine Falls



Photo: Henk Monster · CC BY 3.0



747 pieces · 92 different parts

A brick-built souvenir model, compatible with standard bricks.

On its display stand: 25.9 × 27.5 cm, 13.8 cm tall.

Parts lists for Pick a Brick and BrickLink: see the project website.

Relive your Swiss holiday, brick by brick · a free hobby project, not affiliated with any brick manufacturer

Rhine Falls

The Rhine Falls near Schaffhausen are among the most powerful waterfalls in Europe: the whole Rhine, 150 metres wide, crashes 23 metres down past two rocks. Schloss Laufen watches from the cliff above, and little boats take you right to the rock in the middle, where a Swiss flag flies.

Between Neuhausen am Rheinfall (canton Schaffhausen) and Laufen-Uhwiesen (canton Zurich), just downstream of Schaffhausen.

Formed	about 14,000 to 17,000 years ago, after the last ice age
Size	150 m wide and 23 m high; the basin is 13 m deep
Water	about 600 cubic metres a second in summer, 250 in winter
Rocks	two limestone rocks in the middle, the bigger one with steps and a Swiss flag
Castle	Schloss Laufen on the south bank, first mentioned in 858
Visitors can	walk along both banks, go down the walkways below Schloss Laufen and take a boat to the big rock



The brick-built model you are about to build.

Through the centuries

about 15,000 years ago — After the last ice age the Rhine is pushed into a new bed and starts tumbling over a hard limestone ledge.

858 — Laufen, the castle above the falls, is first mentioned.

1797 — Goethe visits and later uses pictures of the falls in Faust.

1887 — A plan to take half the water for electricity meets fierce opposition.

1921 — The river drops to its lowest flow on record: 95 cubic metres a second.

1951 — About 150,000 people sign a petition against a power station, and the falls stay wild.

1965 — Record flood: 1,250 cubic metres of water a second.

2008 — A glass lift is built at Schloss Laufen.



Photo: -wuppertaler · CC BY 4.0 · Wikimedia Commons

The cave that showed itself once

On the Zurich side, a cave in the rock is normally hidden behind the water. People last saw it in April 1921, when the Rhine was lower than ever recorded.

A boat ride to the rock

Little boats cross the foaming basin and drop you at the big rock in the middle. From there, steep and narrow steps lead to a tiny platform with the Swiss flag, with the roaring water on both sides.

150,000 signatures

Again and again, people wanted to use the falls for electricity. In 1951 about 150,000 people signed a petition to protect them, and the falls are still as wild as ever.

FIND IT IN SCHAFFHAUSEN



Address
Rheinfallquai, 8212 Neuhausen am Rheinfall

Getting there
Take the train to Neuhausen Rheinfall and walk down about 10 minutes to the north bank, or take the train to Schloss Laufen am Rheinfall on the south bank, right below the castle.

Tip
Walk both banks: the north bank is free, the walkways below Schloss Laufen (small fee) bring you so close that you feel the spray. In summer the falls carry the most water.



Photo: Henk Monster · CC BY 3.0 · Wikimedia Commons

My visit

Rhine Falls, Schaffhausen

Date of my visit _____

I was there with _____

The weather was _____

What I remember most

_____

_____

_____

Stick a photo or your ticket here

Built on _____ **Building time** _____

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Colours in this set

Sort your bricks into these colour groups before you start, one bowl each. Light and dark versions of a colour look alike under warm light: sort them in daylight. Every step names the colour of each part, plain name first, official name in brackets.

colour	in greyscale	pieces	bowl
Dark grey (Dark Bluish Grey)		172	10, 12
Dark green (Dark Green)		116	11
White		106	1
Medium Azure		91	2
Green		65	3
Reddish brown (Reddish Brown)		43	13
Black		34	4
Trans Clear		30	5
Light grey (Light Bluish Grey)		21	6
Clear light blue (Trans-Light Blue)		21	7
Dark Azure		20	8
Olive Green		11	14
Bright green (Bright Green)		11	15
Light tan (Tan)		2	9
Red		2	9
Dark tan (Dark Tan)		1	9
Gold (Pearl Gold)		1	9

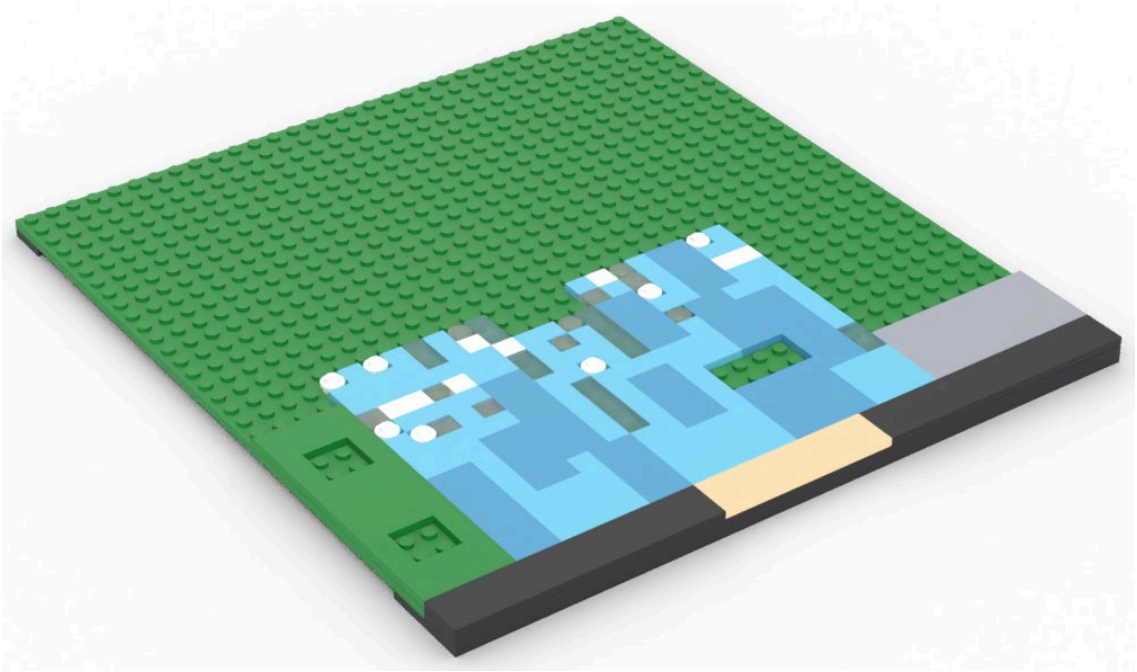
Chapter 1

The river below the falls

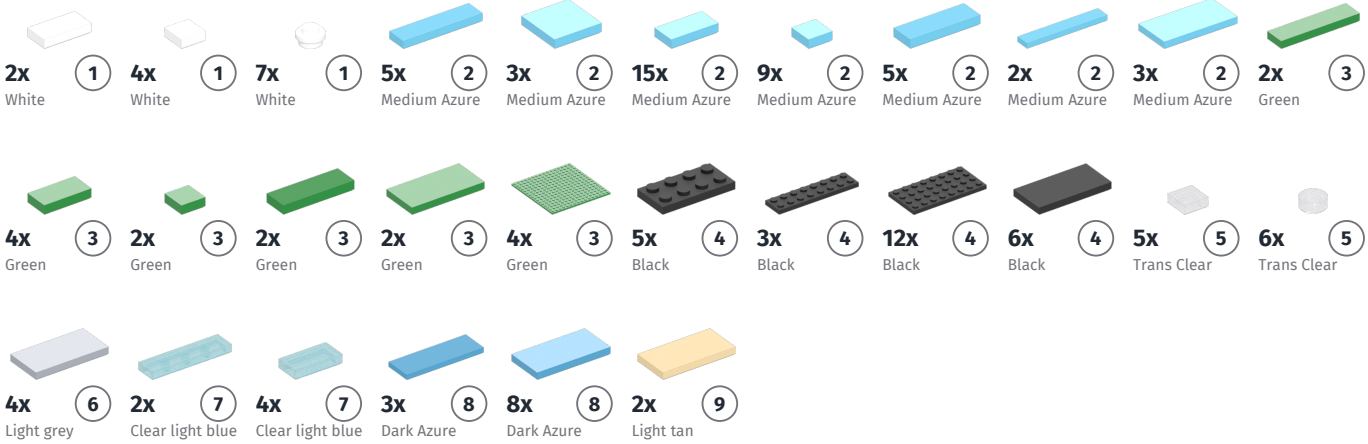
Steps 1–29 · 131 pieces

You'll need bowls 1, 2, 3, 4, 5, 6, 7, 8 and 9

Every model in the series stands on the same black display stand with a nameplate, so your souvenirs line up on the shelf. You build the base first; while it is still flat, you press the stand's plates under its front edge and the feet under its back. The label goes on at the very end.

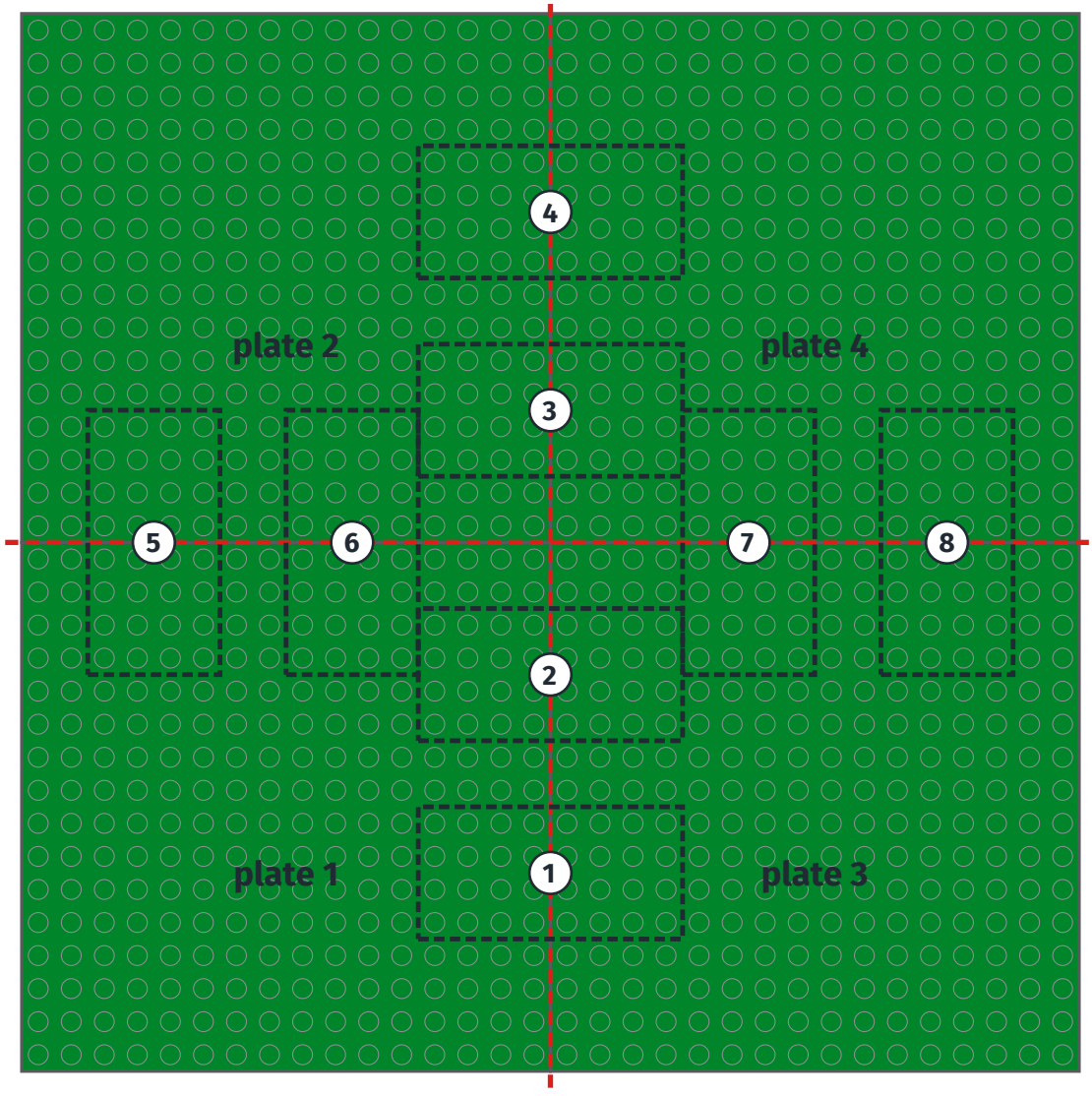


Parts in this chapter (the circle: its bowl)



First: join the base plates

The base is 4 plates of 16 × 16 studs (Green), 32 × 32 studs in all. In steps 1–2, lay the 8 black plates on the table, studs up, where the dashed outlines are. In step 3, press the base plates on top, edges flush: each plate below sits half under one base plate and half under the next, so the seam is locked along its length.



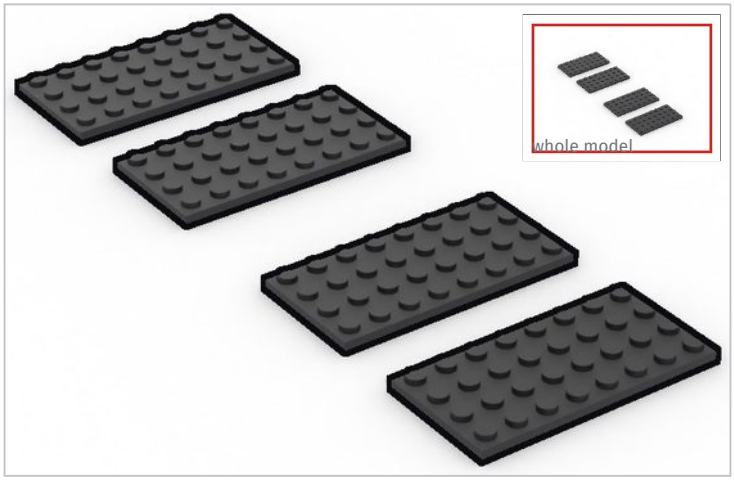
FRONT: this edge faces you in the step pictures. Red dashes: the seams.

1 8 × 4 plate, Black, underneath: 12 studs from the left edge, 4 from the front
2 8 × 4 plate, Black, underneath: 12 studs from the left edge, 10 from the front
3 8 × 4 plate, Black, underneath: 12 studs from the left edge, 18 from the front
4 8 × 4 plate, Black, underneath: 12 studs from the left edge, 24 from the front
5 4 × 8 plate, Black, underneath: 2 studs from the left edge, 12 from the front
6 4 × 8 plate, Black, underneath: 8 studs from the left edge, 12 from the front
7 4 × 8 plate, Black, underneath: 20 studs from the left edge, 12 from the front
8 4 × 8 plate, Black, underneath: 26 studs from the left edge, 12 from the front

1



4x
Black

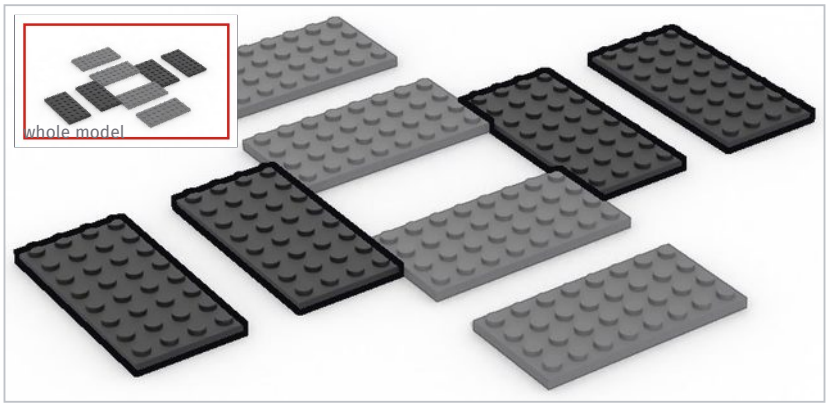


HIDDEN SUPPORT
These black plates go under the seams and lock the four base plates together. On the display stand they sit flush, out of sight.

2



4x
Black



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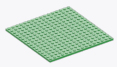
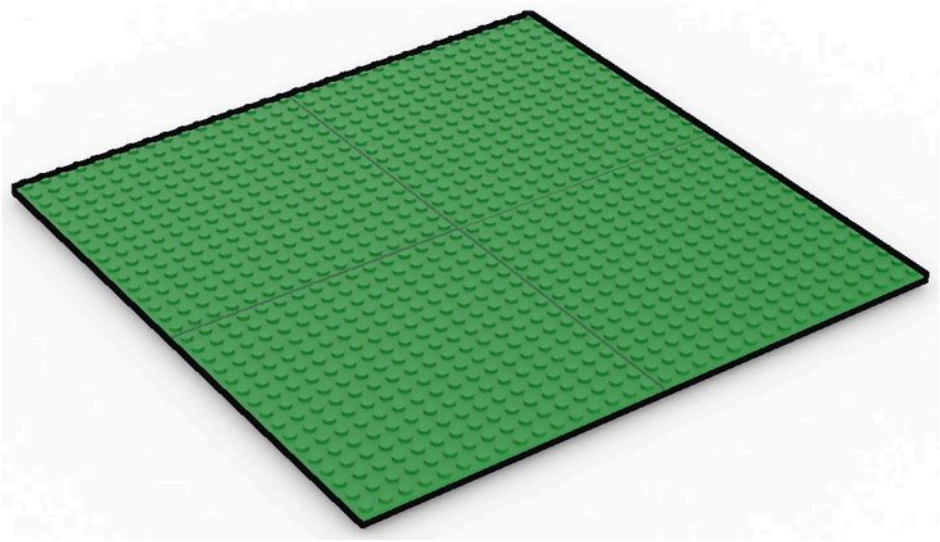
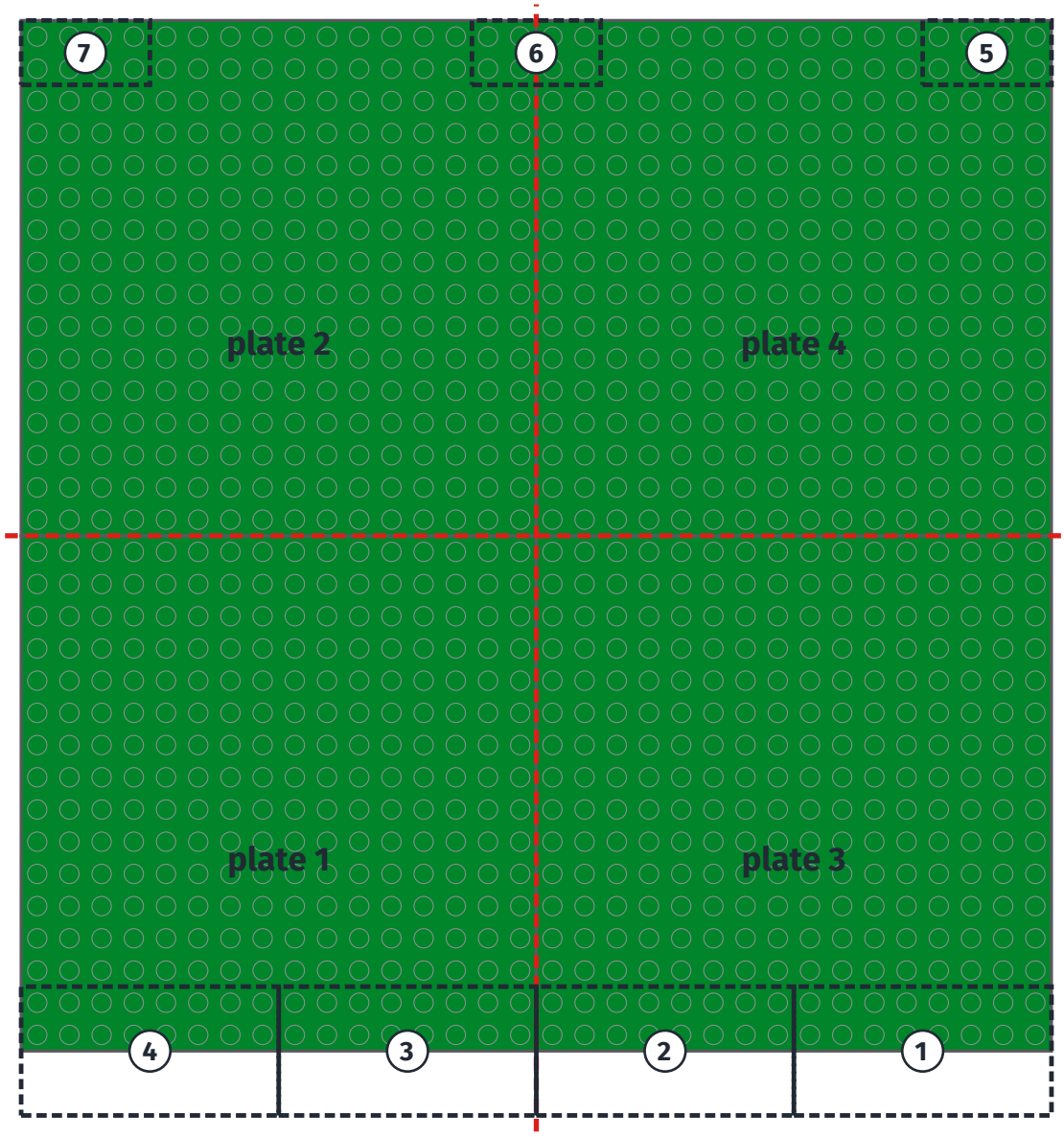


4x
Green



Then: the display stand goes under the base

In steps 4–5, while the base is still flat and light, lift its front edge and press the 4 long black plates under it: half under the base, half sticking out in front, where the dashed outlines are. Then lift the back edge and press the 3 small black plates (the feet) under it. The model now stands level on its display stand; the strip and the nameplate go on top of the long plates next.



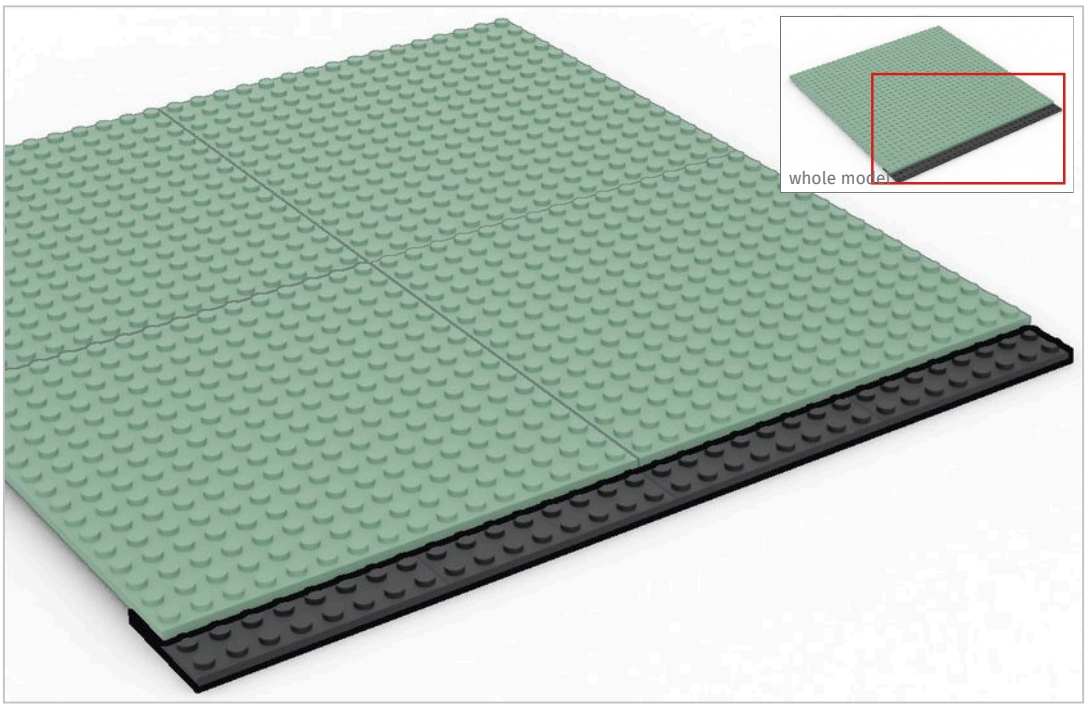
FRONT: this edge faces you in the step pictures. Red dashes: the seams.

1 8 × 4 plate, Black, underneath: 24 studs from the left edge, 0 from the front
2 8 × 4 plate, Black, underneath: 16 studs from the left edge, 0 from the front
3 8 × 4 plate, Black, underneath: 8 studs from the left edge, 0 from the front
4 8 × 4 plate, Black, underneath: 0 studs from the left edge, 0 from the front
5 4 × 2 plate, Black, underneath: 28 studs from the left edge, 32 from the front
6 4 × 2 plate, Black, underneath: 14 studs from the left edge, 32 from the front
7 4 × 2 plate, Black, underneath: 0 studs from the left edge, 32 from the front

4



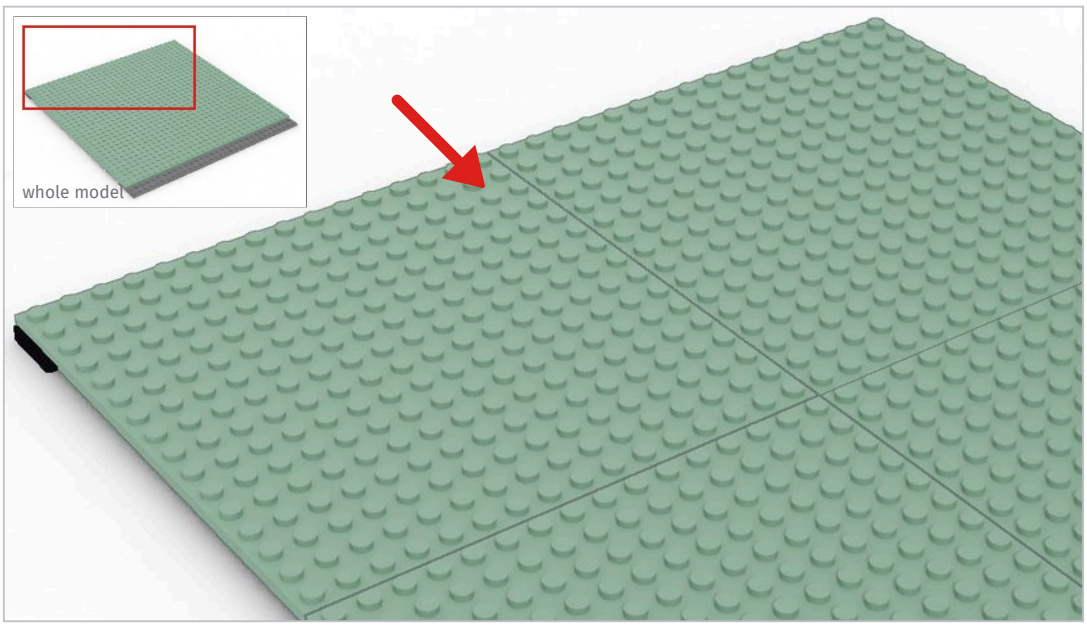
4x
Black



5



3x
Black



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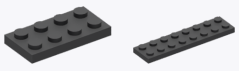
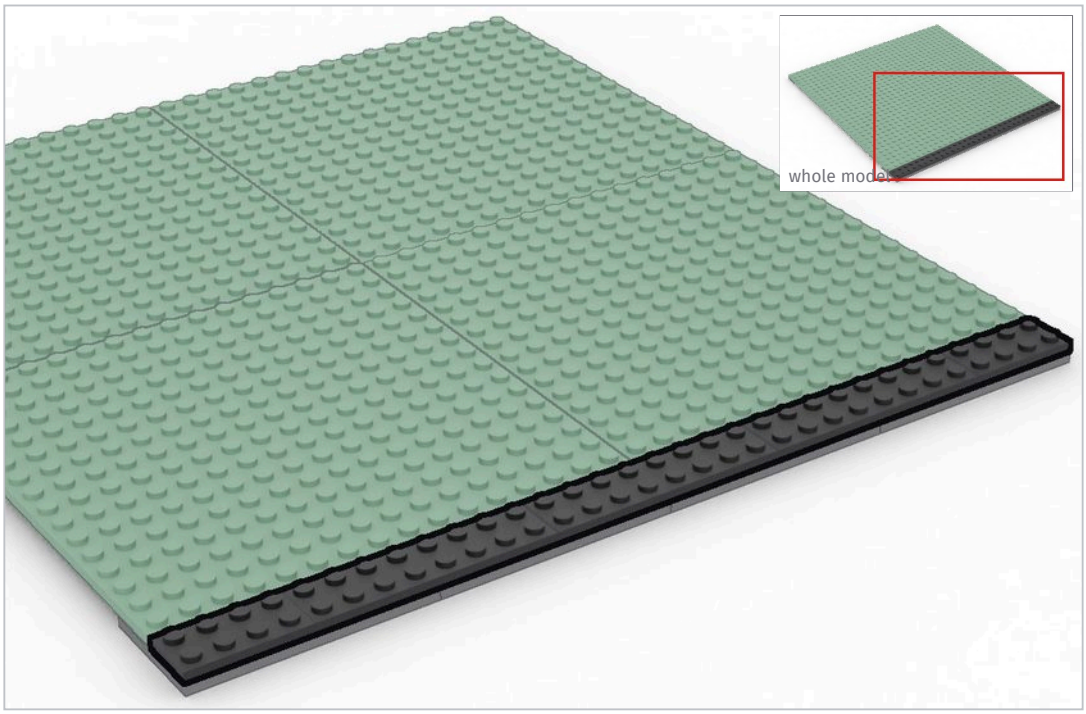


2x
Black

3x
Black



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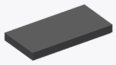
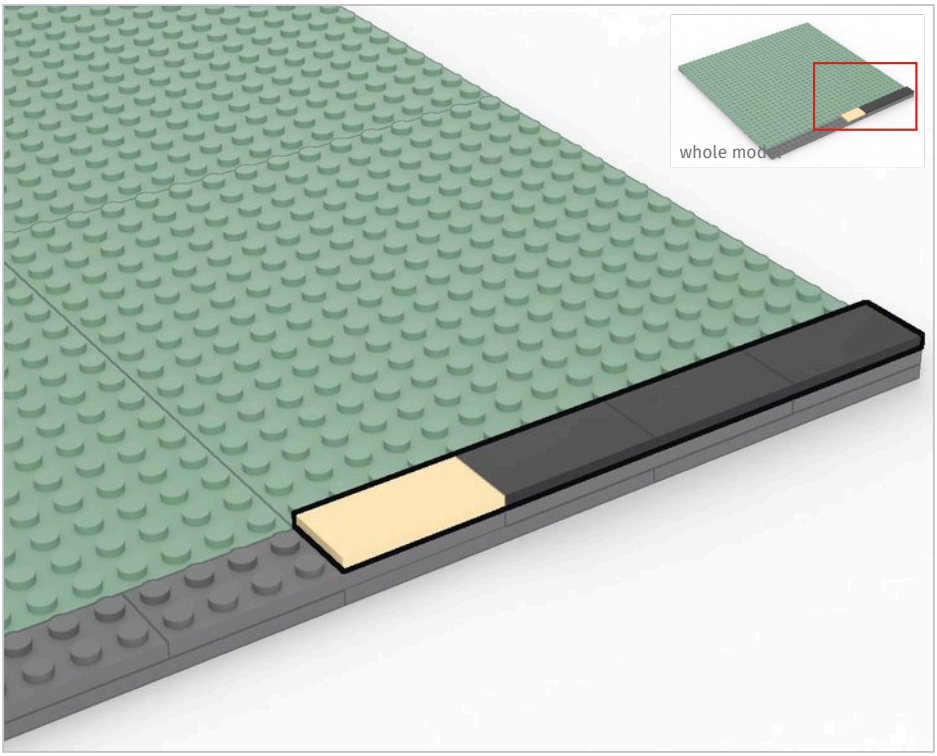


3x
Black



1x
Light tan
(Tan)

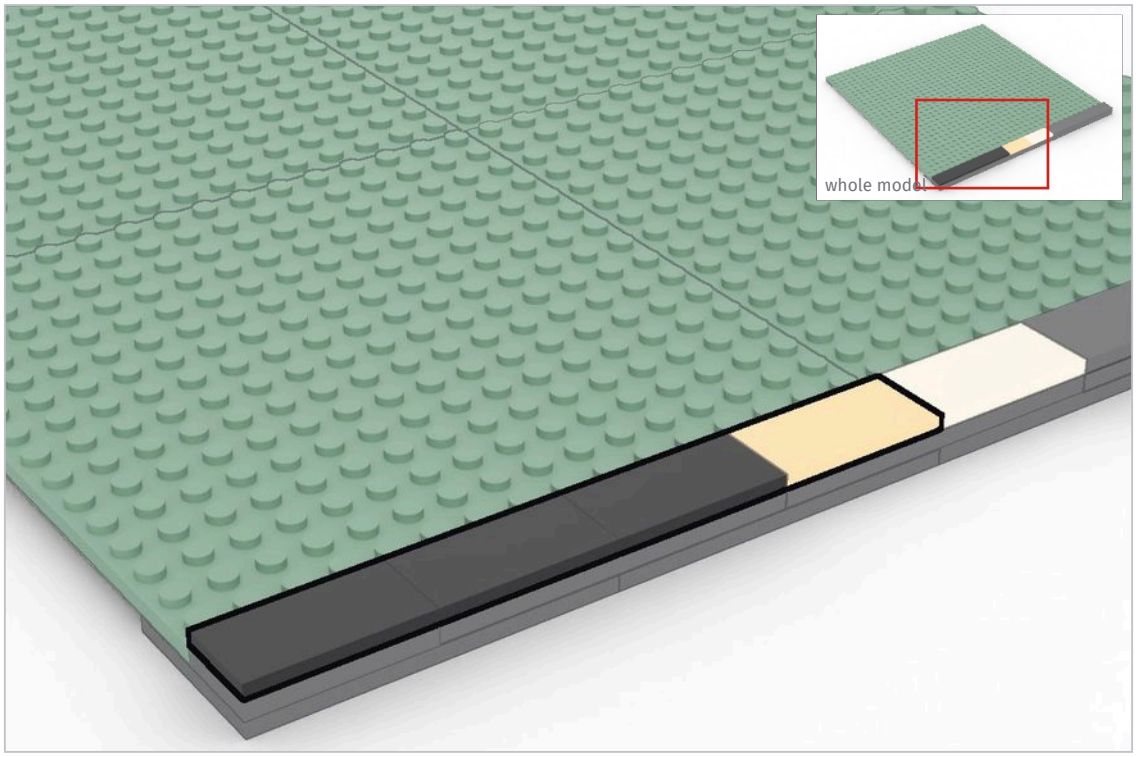


8



3x
Black

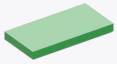
1x
Light tan
(Tan)



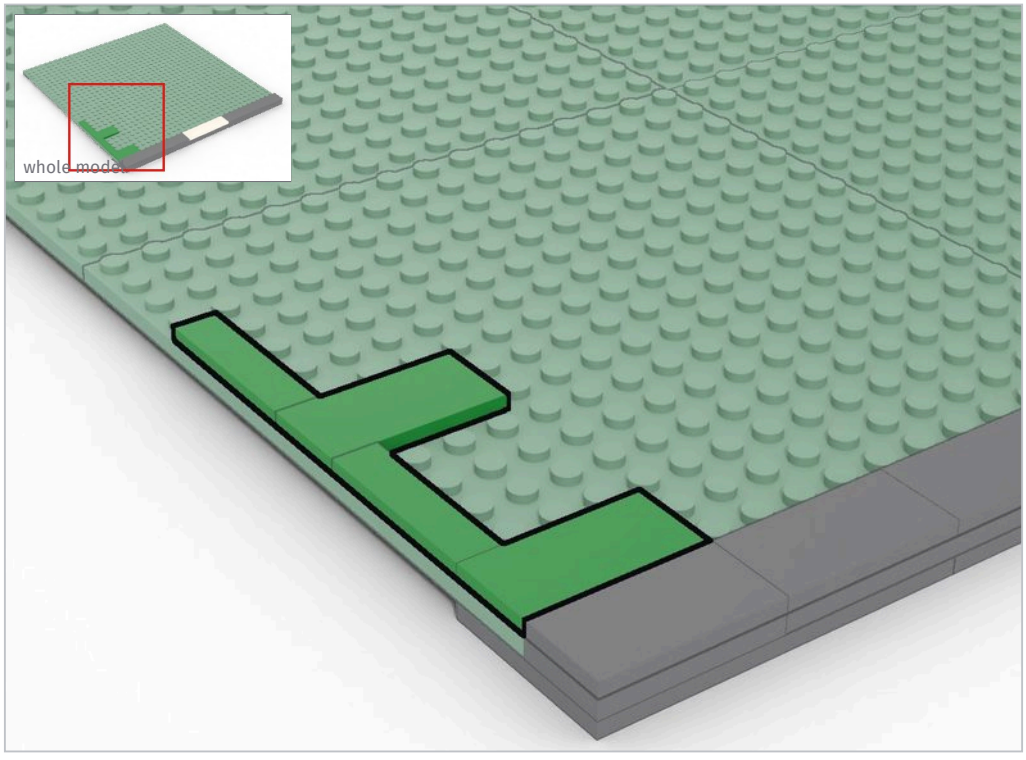
9



2x
Green



2x
Green



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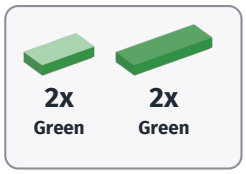

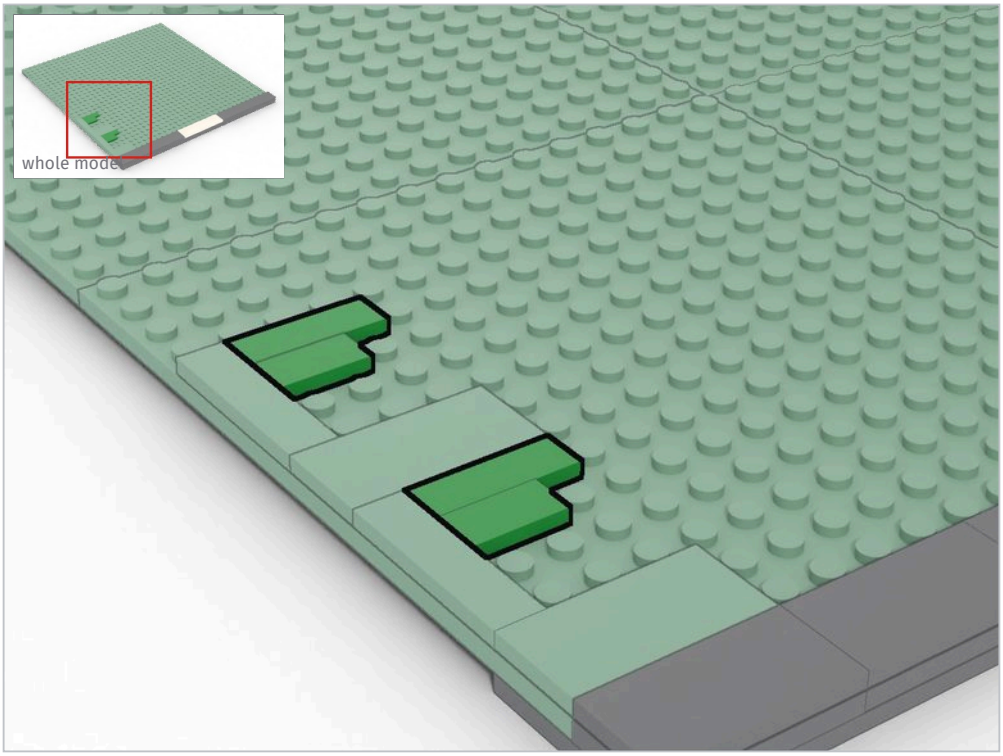

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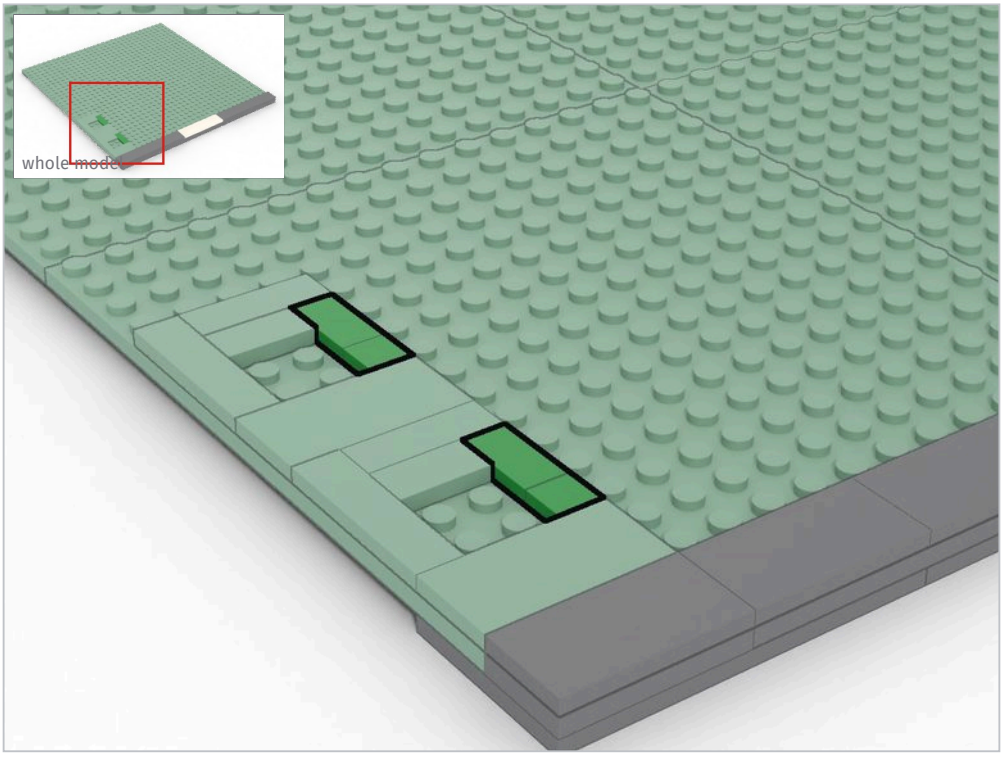
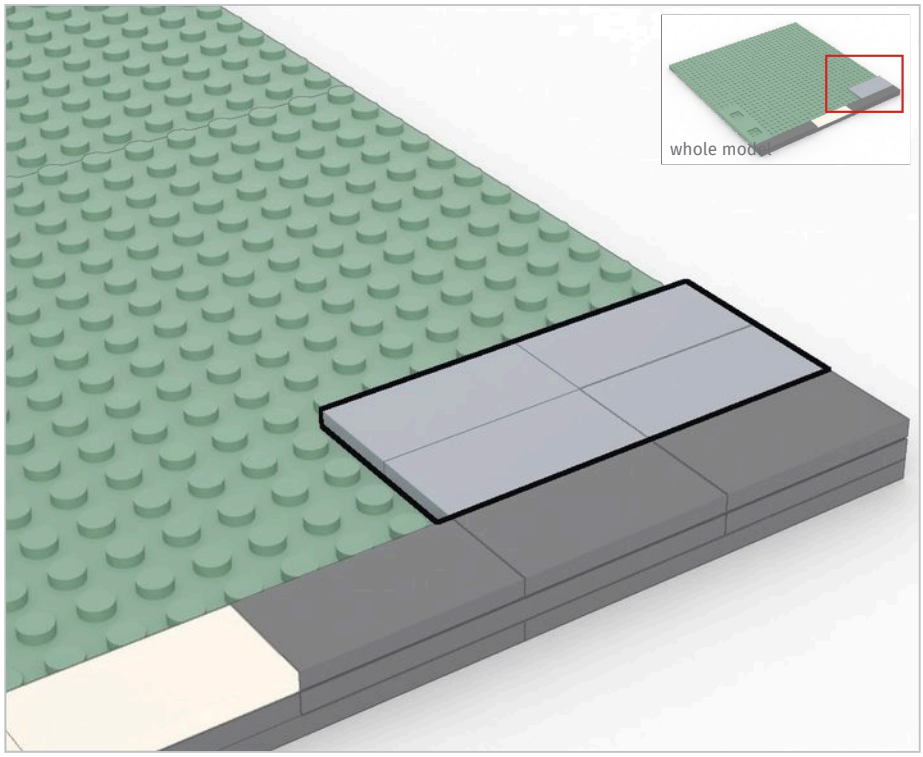


12



4x
Light grey
(Light Bluish Grey)

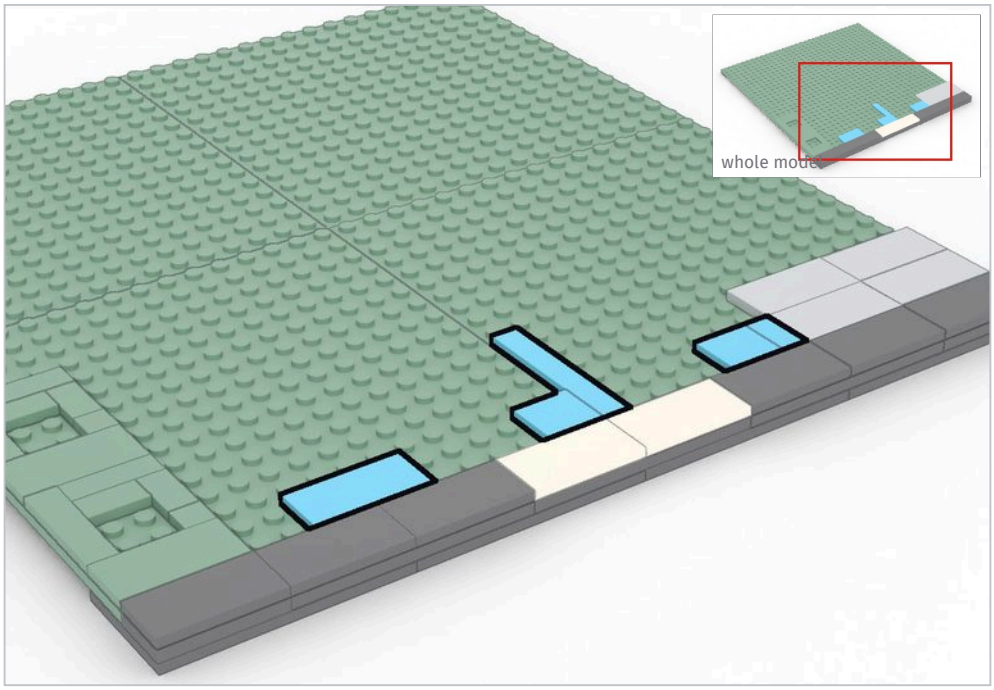


THE REAL THING
The grey tiles are the boat landing below Schloss Laufen, where the tour boats stop.

13



2x **Medium Azure**
1x **Medium Azure**
1x **Medium Azure**
1x **Medium Azure**



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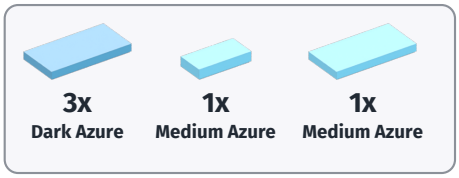
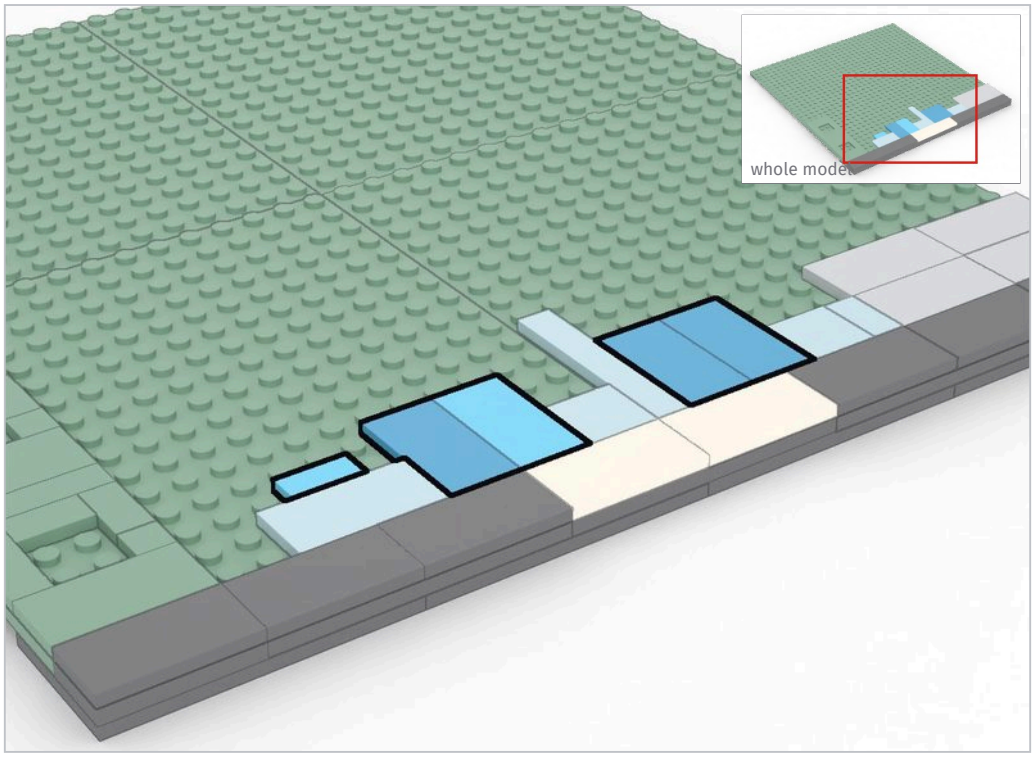
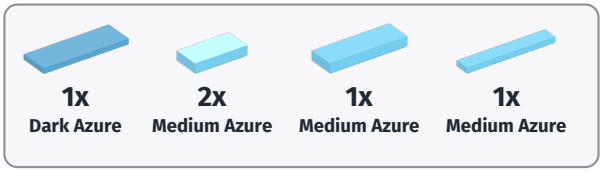
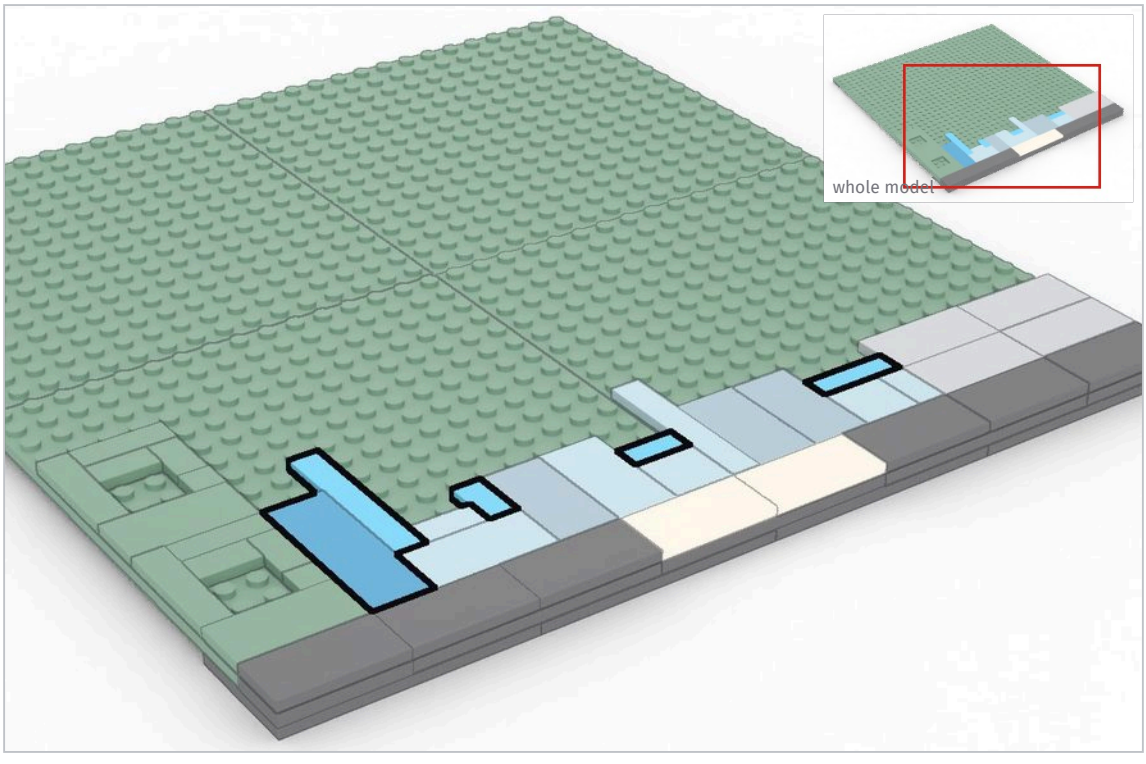

3x
Dark Azure
1x
Medium Azure
1x
Medium Azure

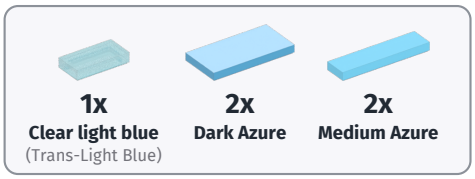

whole model

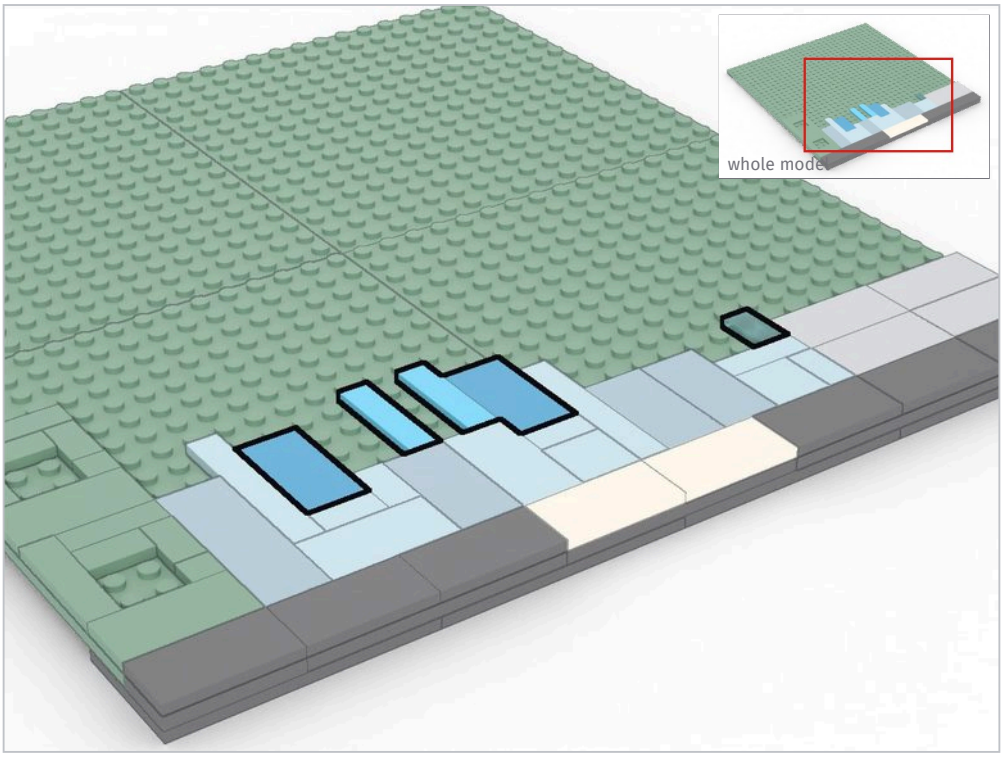
15


1x
Dark Azure
2x
Medium Azure
1x
Medium Azure
1x
Medium Azure


whole model

16


1x
Clear light blue
(Trans-Light Blue)
2x
Dark Azure
2x
Medium Azure


whole model

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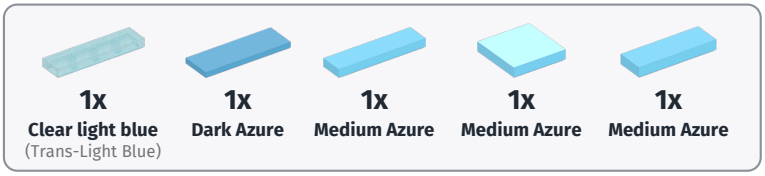
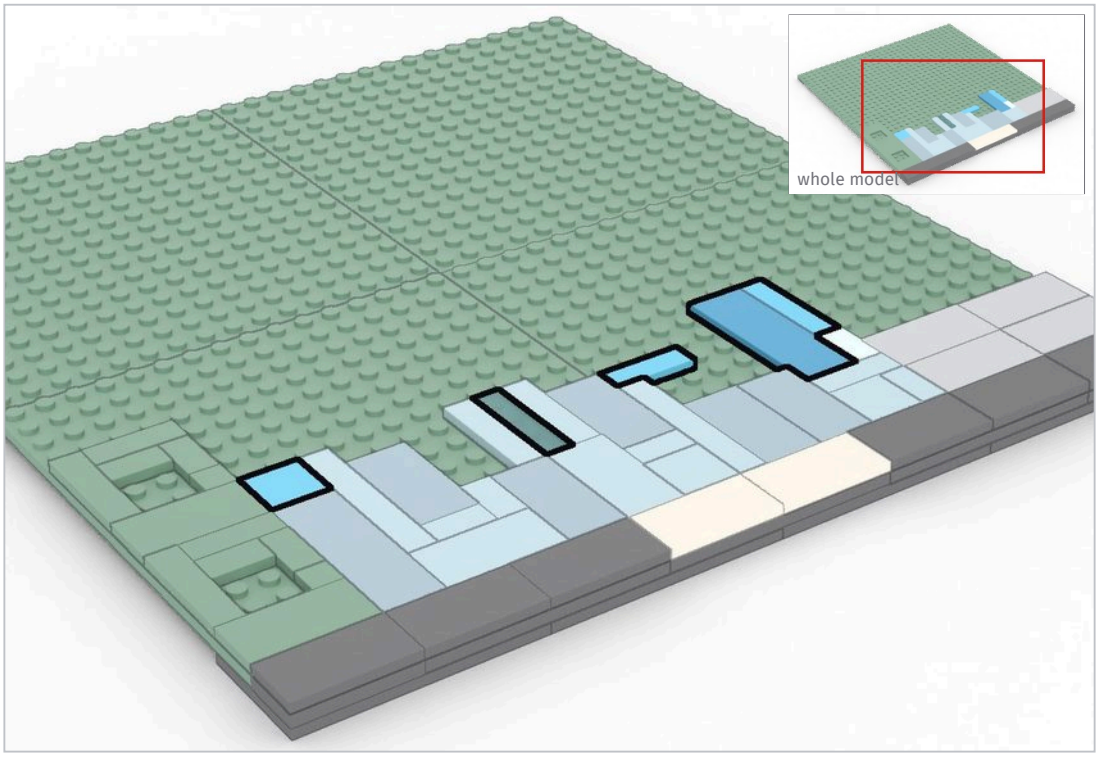

1x
Clear light blue
(Trans-Light Blue)
1x
Dark Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure


whole model

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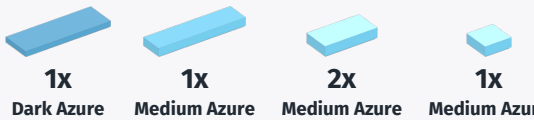
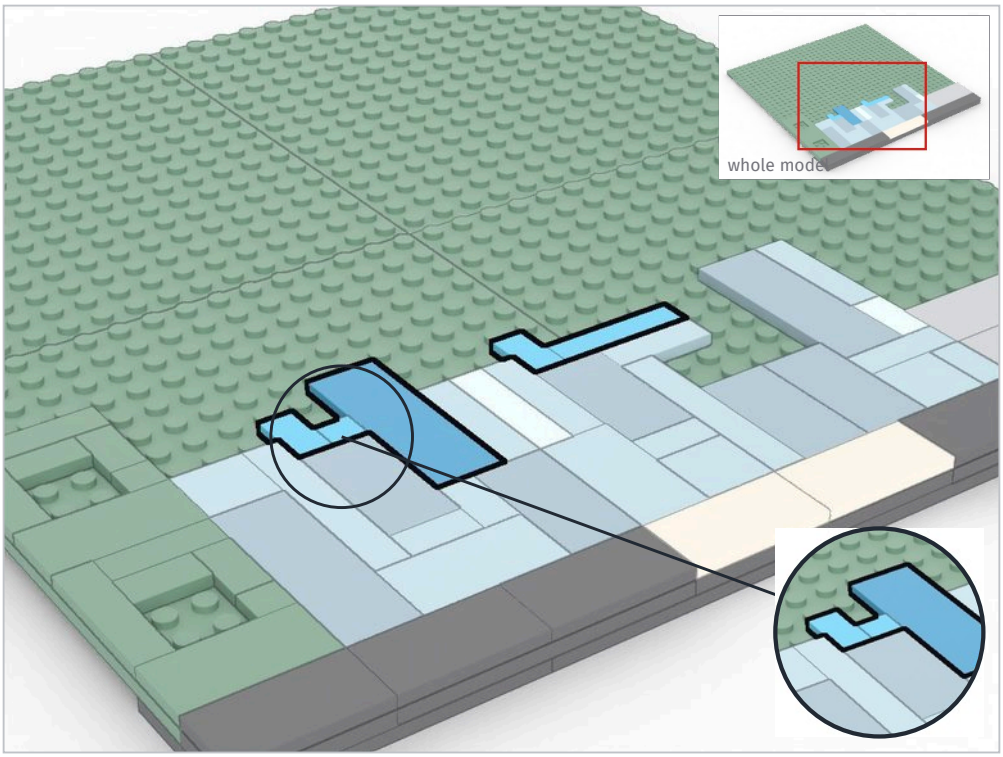


1x Dark Azure
1x Medium Azure
2x Medium Azure
1x Medium Azure



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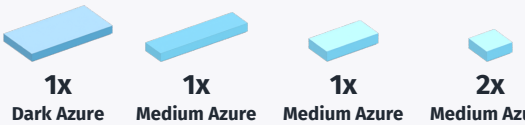
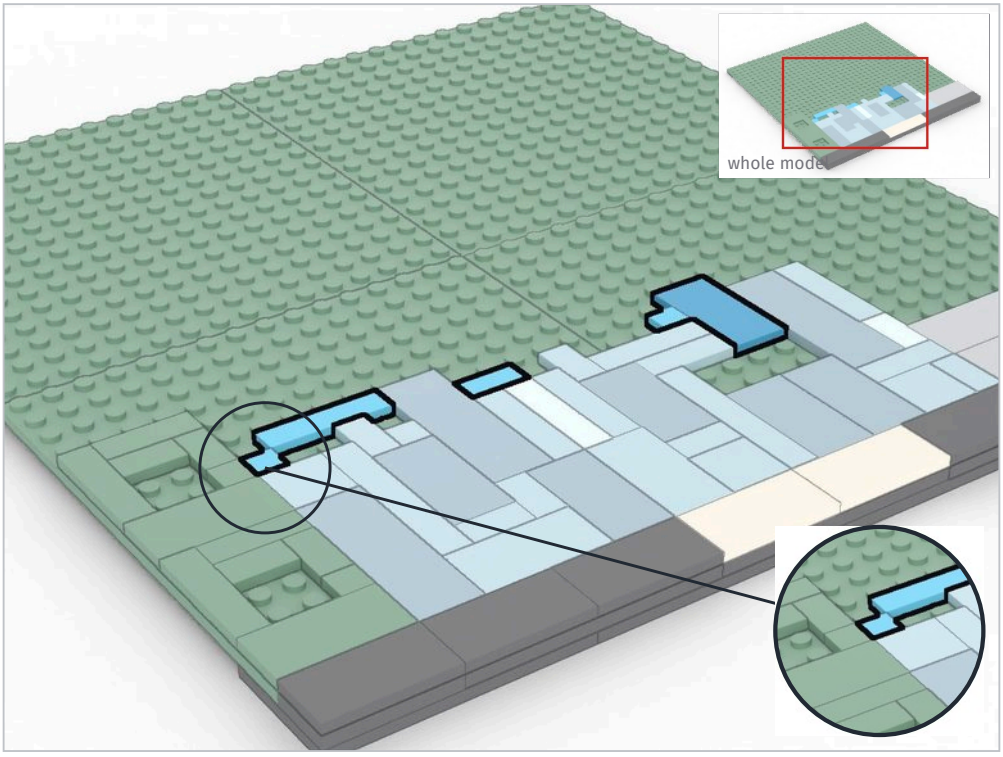


1x Dark Azure
1x Medium Azure
1x Medium Azure
2x Medium Azure



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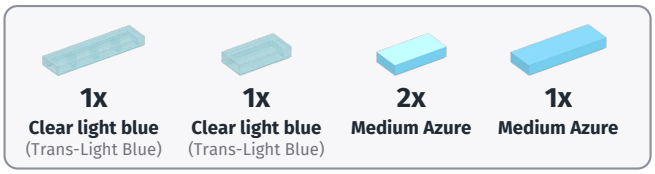
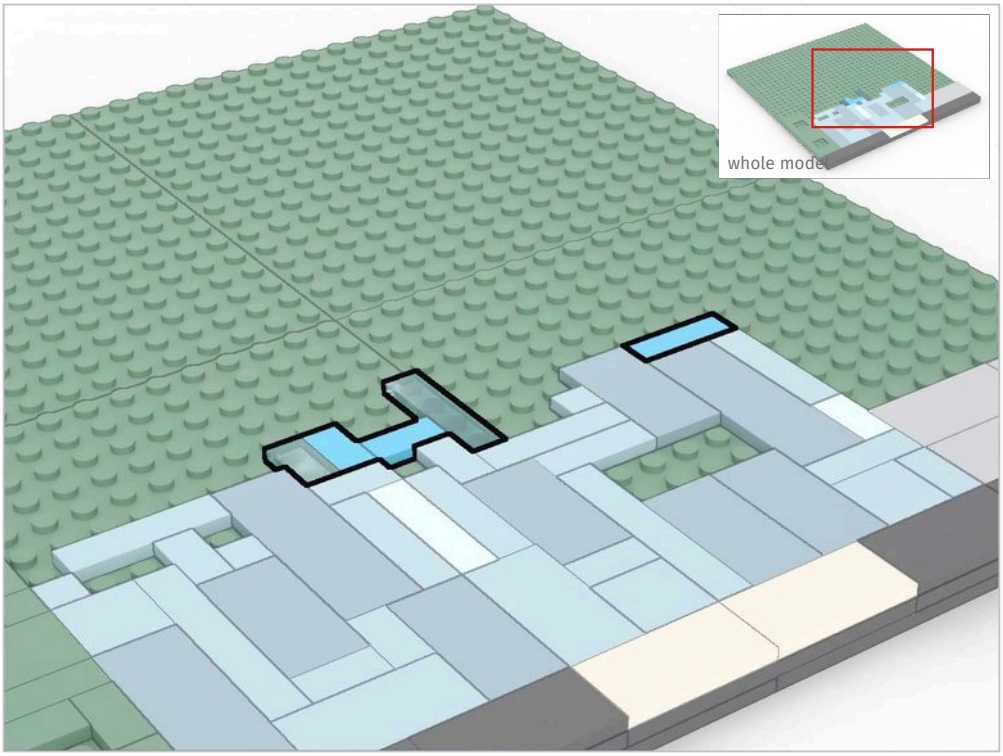
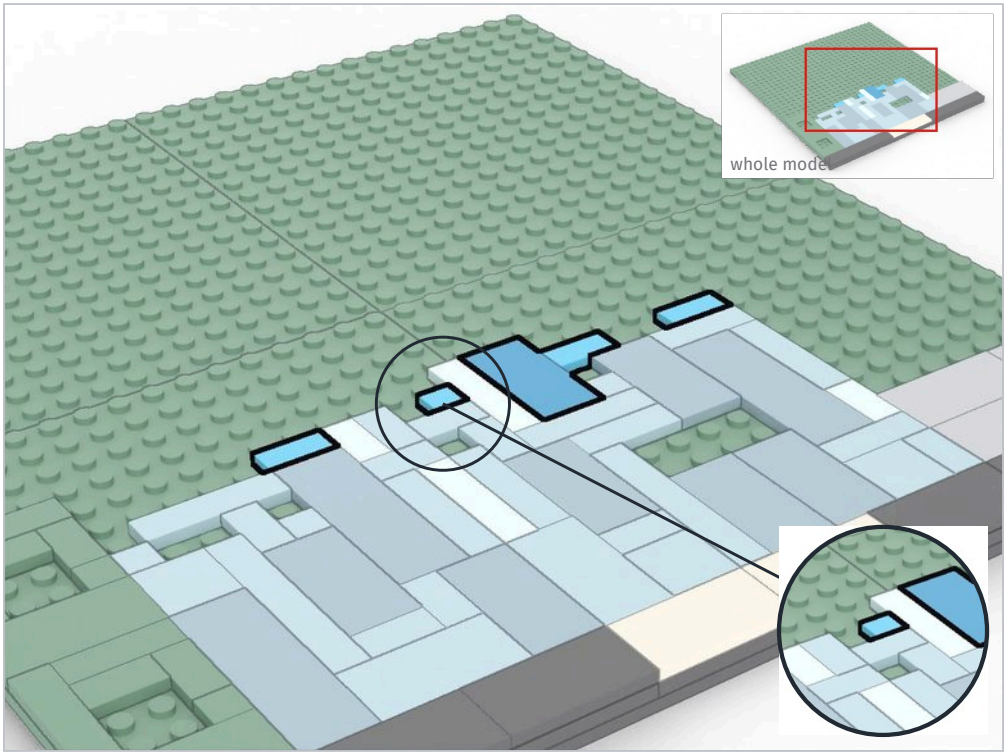

1x
Clear light blue
(Trans-Light Blue)
1x
Clear light blue
(Trans-Light Blue)
2x
Medium Azure
1x
Medium Azure

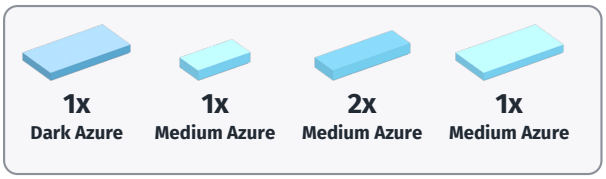

whole model

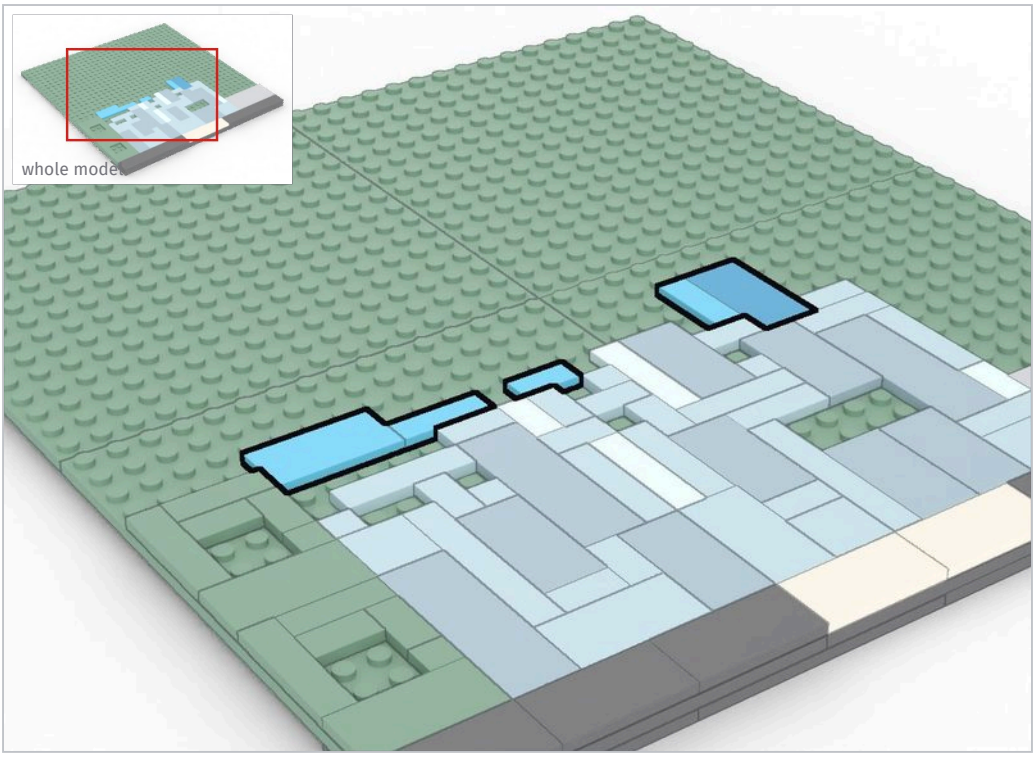
21


1x
Dark Azure
3x
Medium Azure
1x
Medium Azure

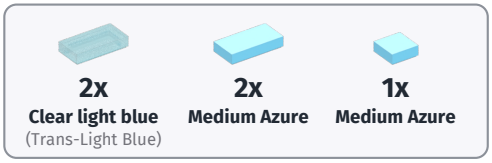

whole model

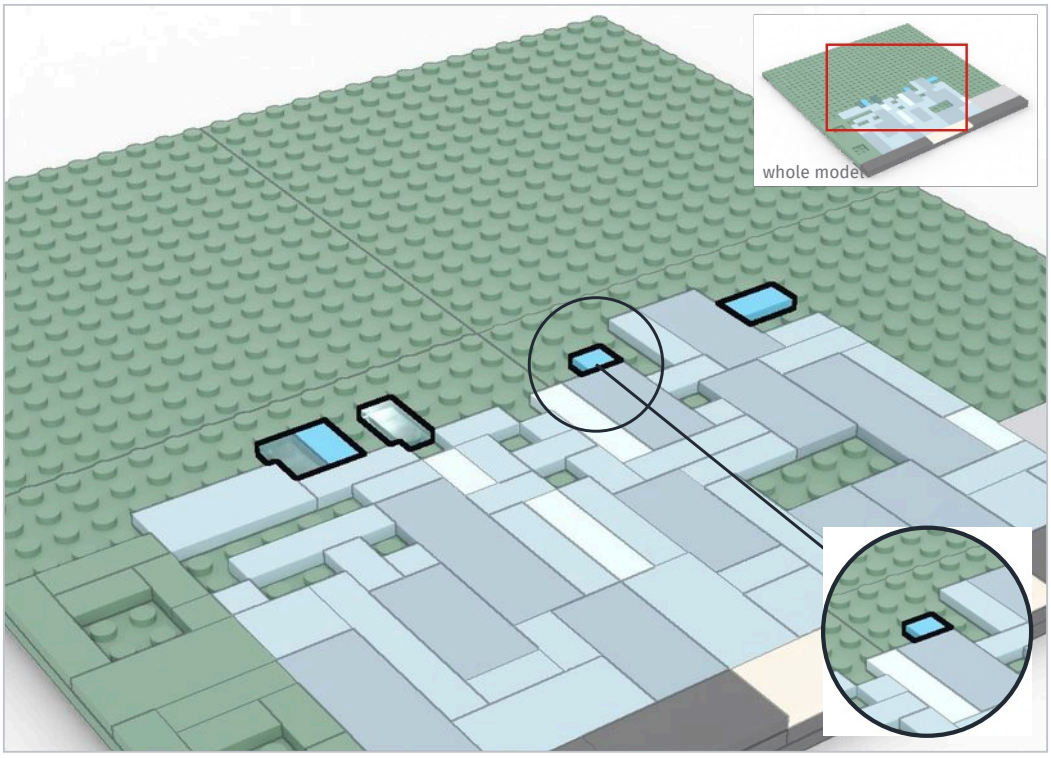
22


1x
Dark Azure
1x
Medium Azure
2x
Medium Azure
1x
Medium Azure


whole model

23

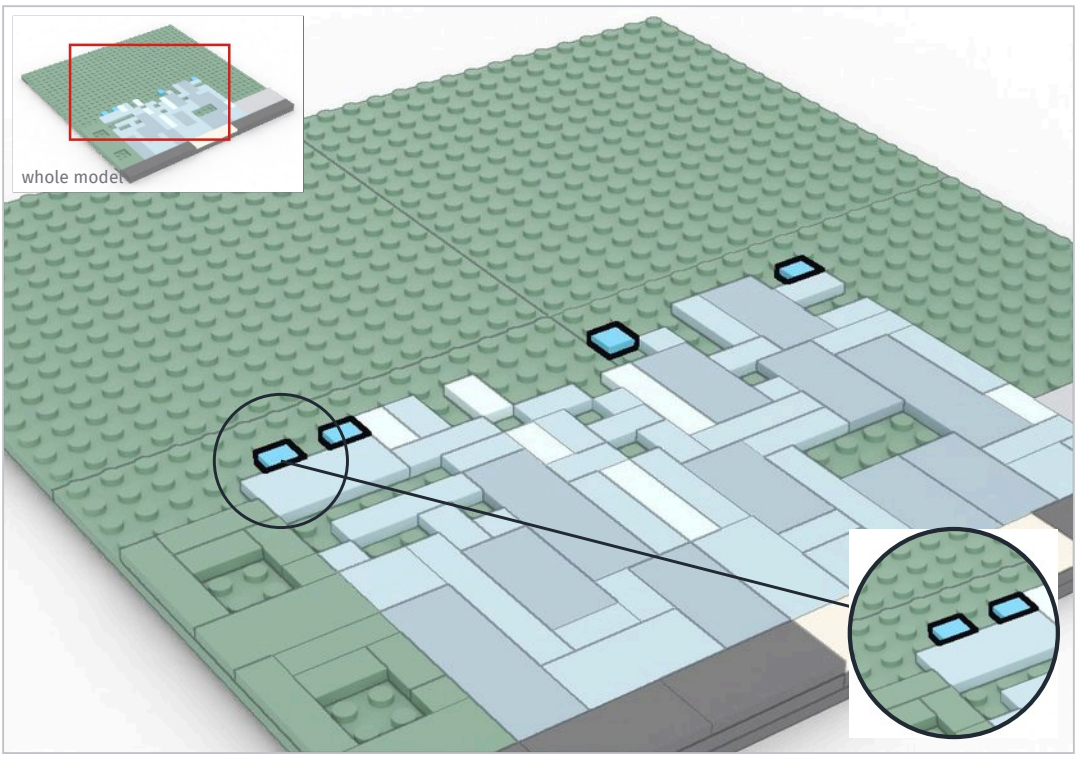

2x
Clear light blue
(Trans-Light Blue)
2x
Medium Azure
1x
Medium Azure


whole model

24



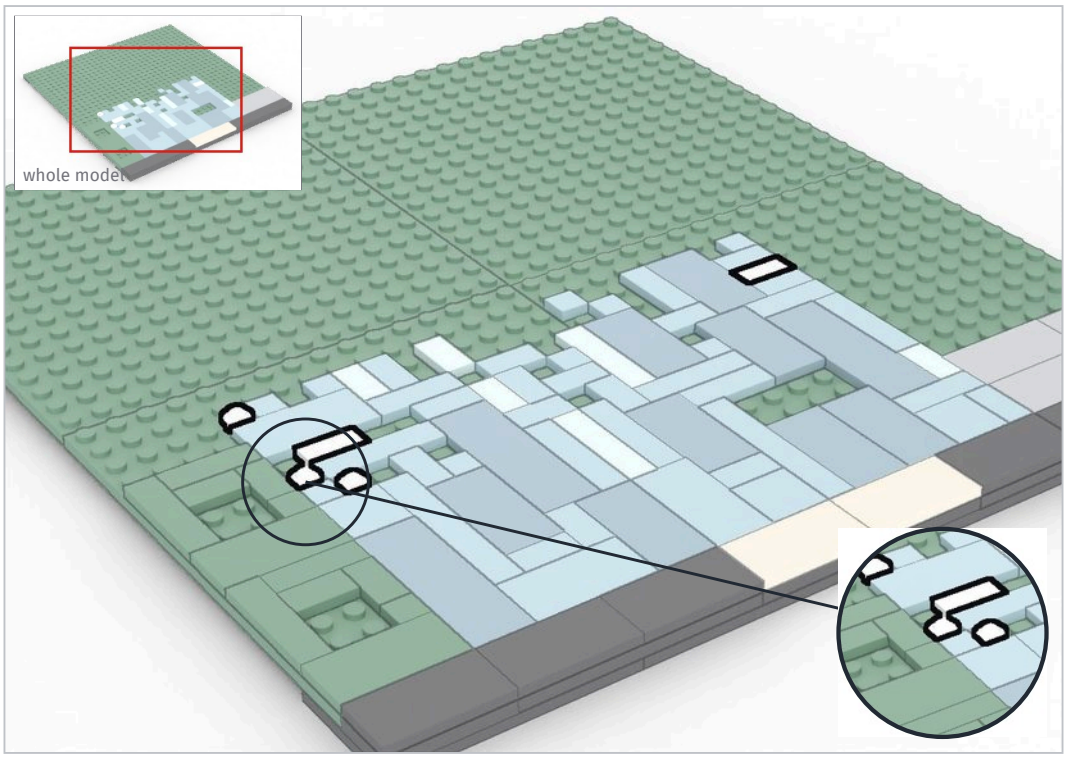
4x
Medium Azure



25

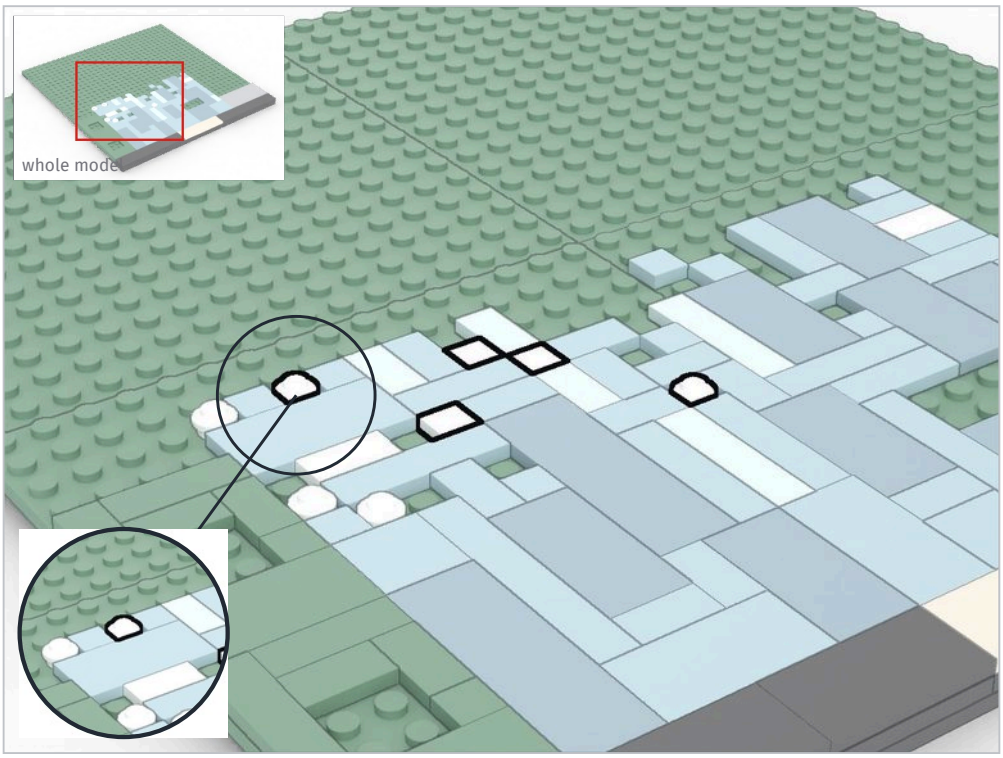
2x
White

3x
White

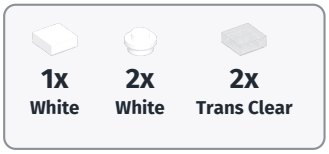


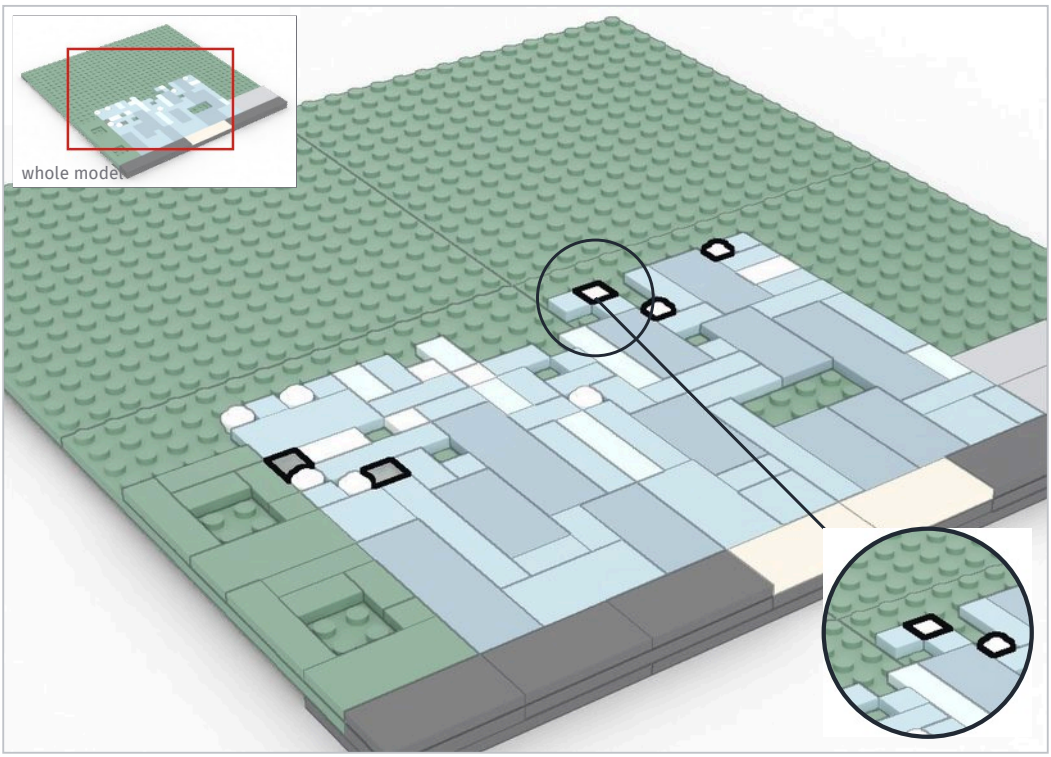
26


3x
White
2x
White

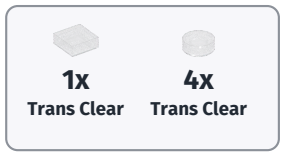

whole model

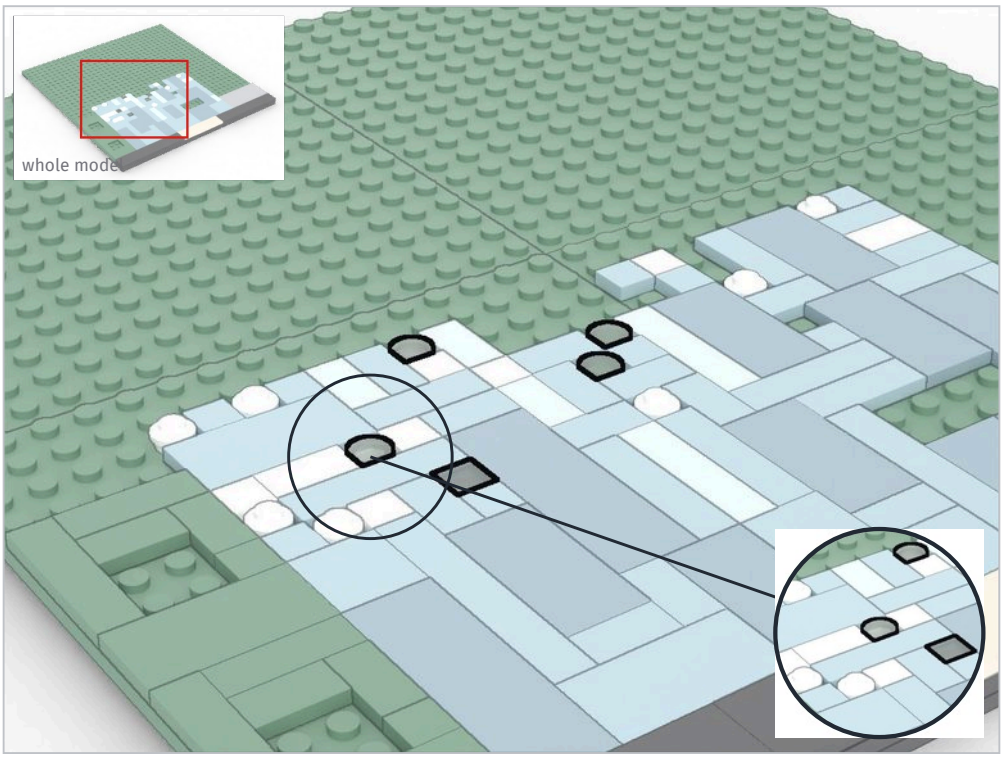
27


1x
White
2x
White
2x
Trans Clear


whole model

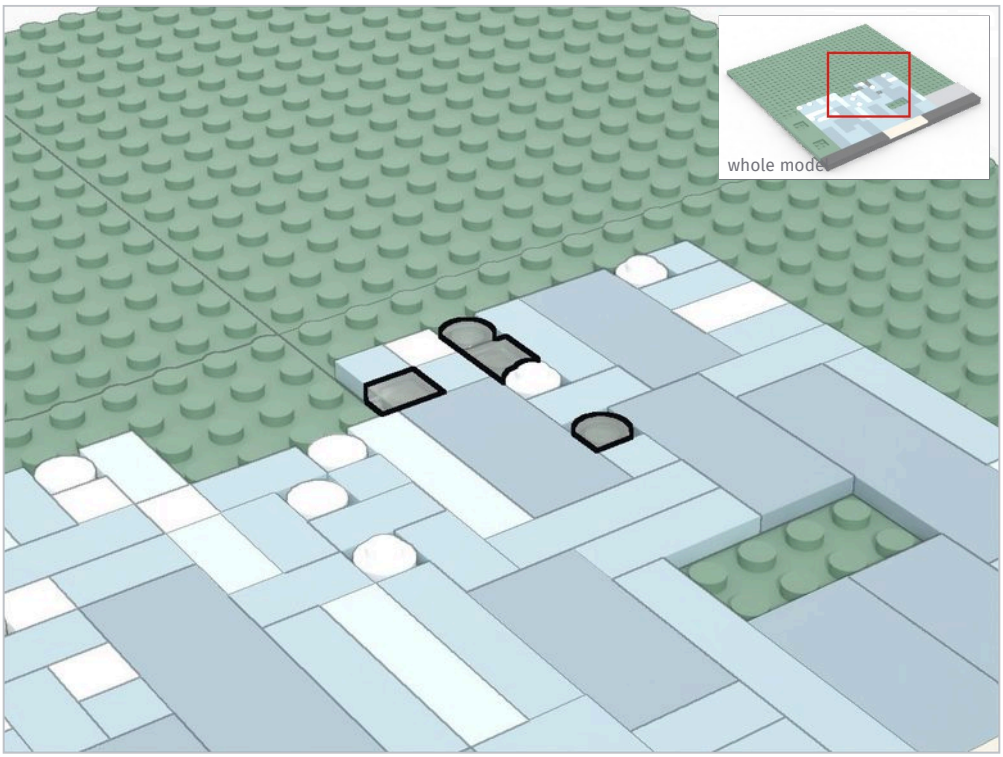
28


1x
Trans Clear
4x
Trans Clear

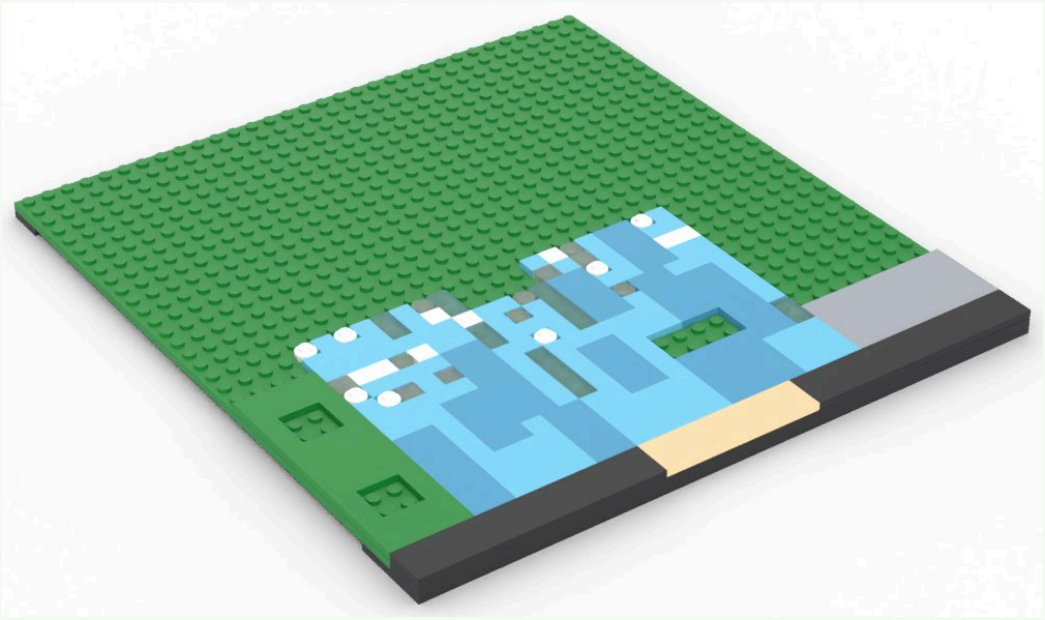

whole model

29


2x
Trans Clear
2x
Trans Clear


whole model

Chapter 1 done



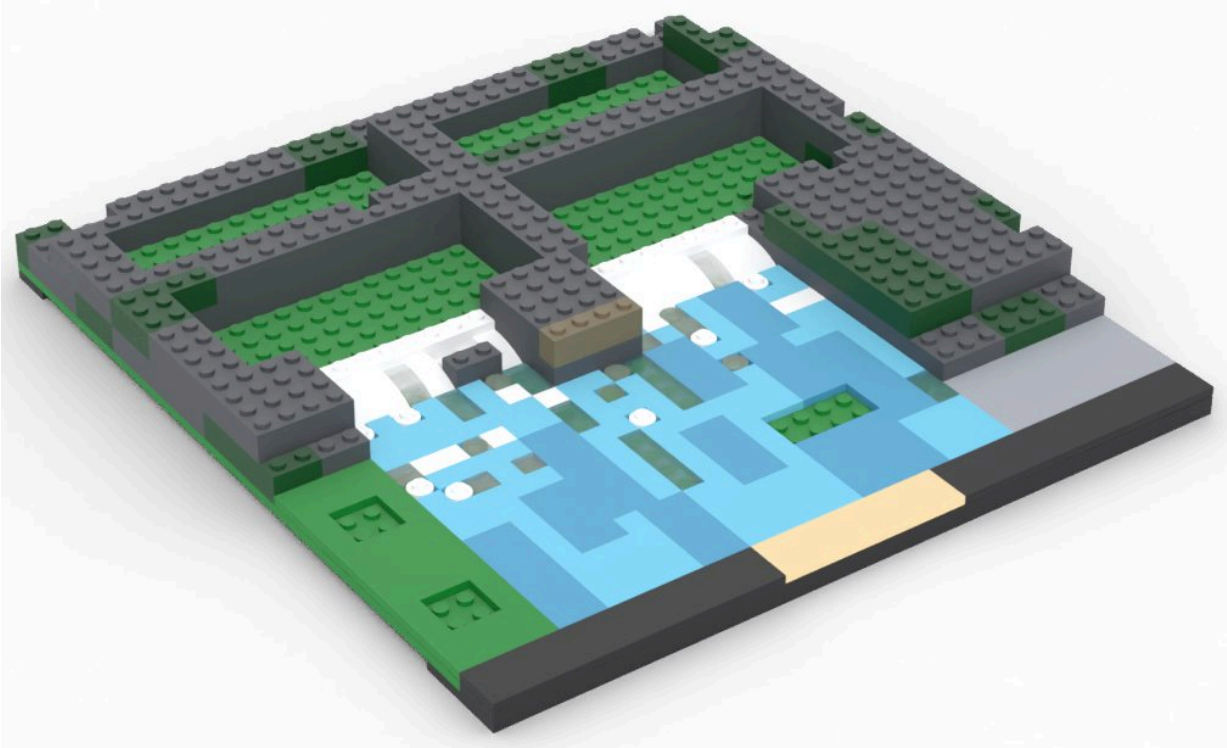
A good place to stop. Next time, start with chapter 2: The rocks and the banks.

Chapter 2

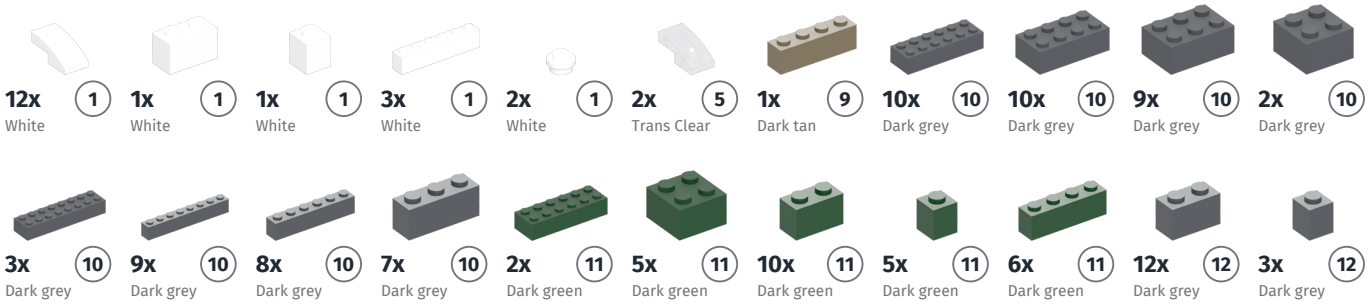
The rocks and the banks

Steps 30–59 · 123 pieces

You'll need bowls 1, 5, 9, 10, 11 and 12



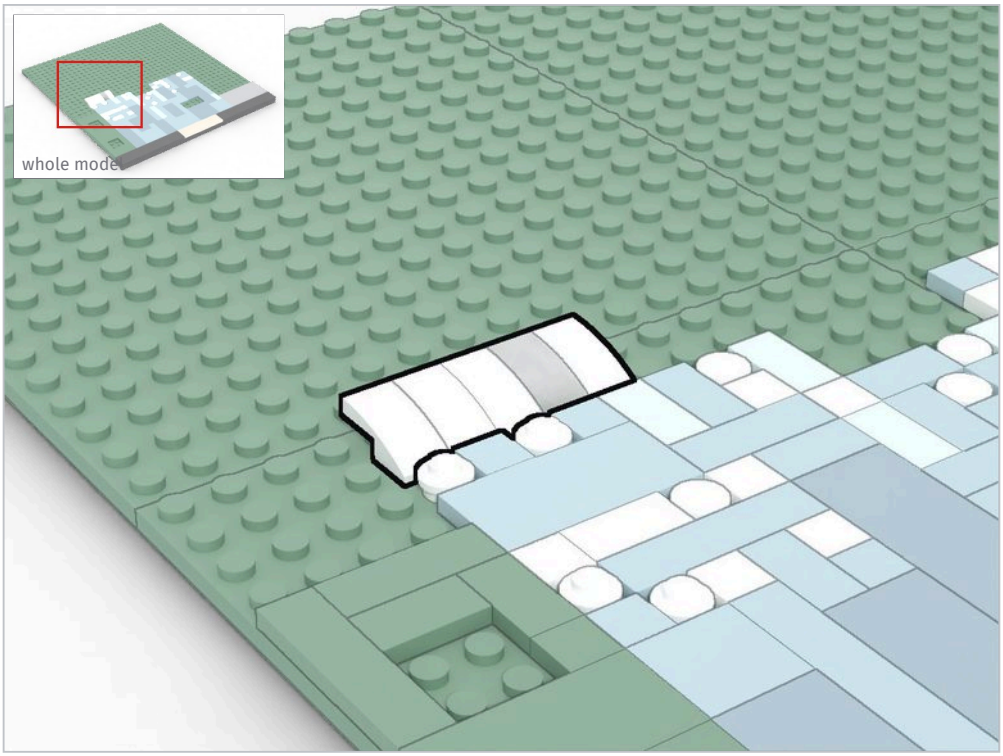
Parts in this chapter (the circle: its bowl)



30

4x
White

1x
Trans Clear





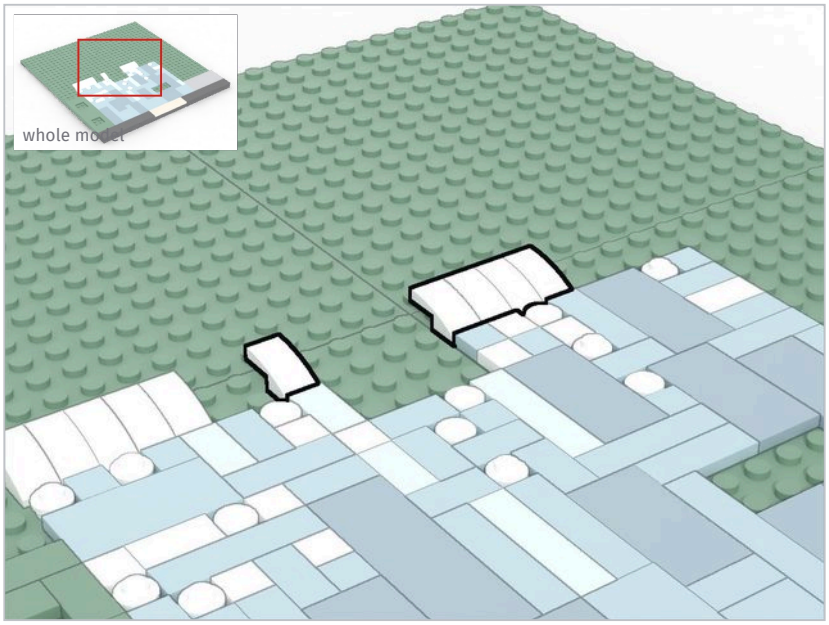
THE REAL THING

The white curved pieces are the spray at the foot of the falls. In summer about 600 cubic metres of water crash down here every second.

Photo: Henk Monster · CC BY 3.0

31

5x
White



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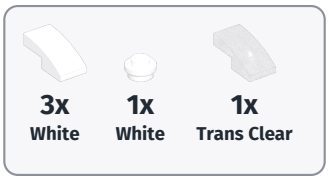
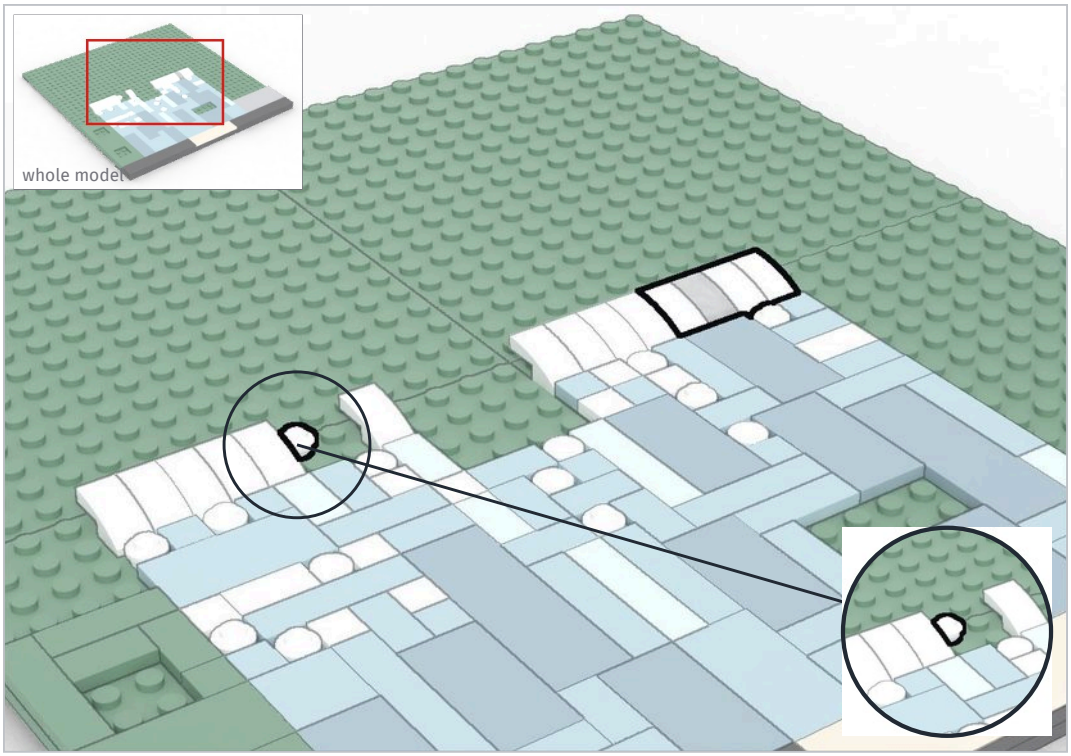


3x White
1x White
1x Trans Clear



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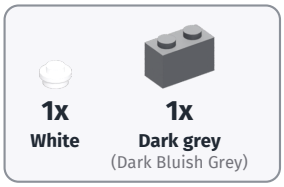
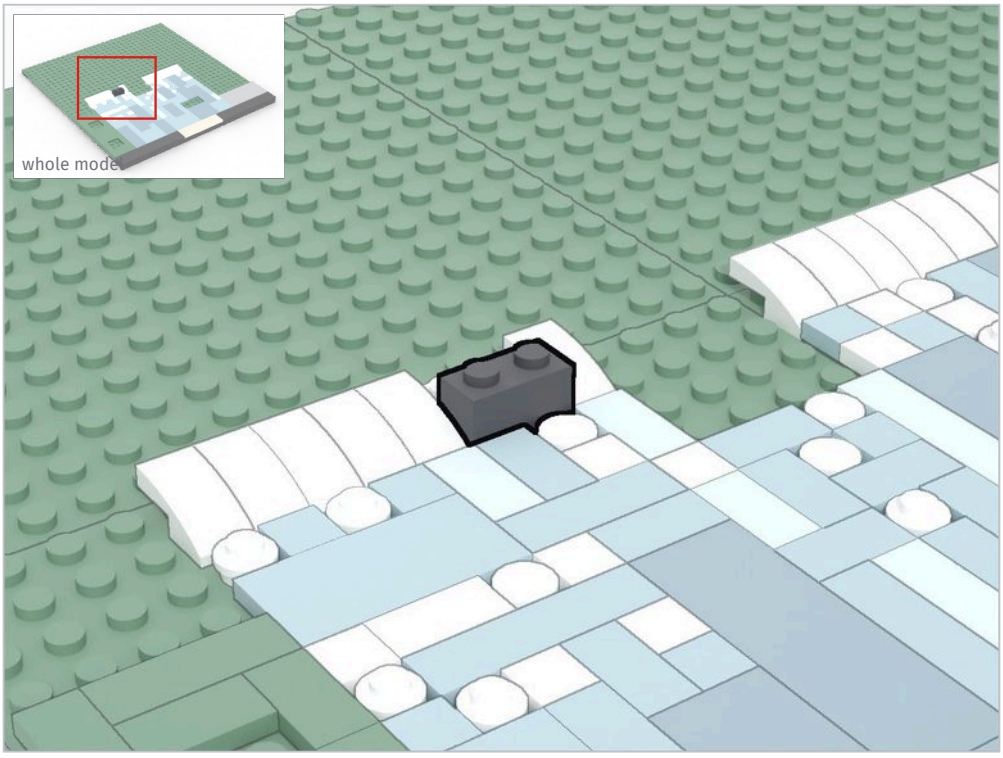


1x White
1x Dark grey
(Dark Bluish Grey)



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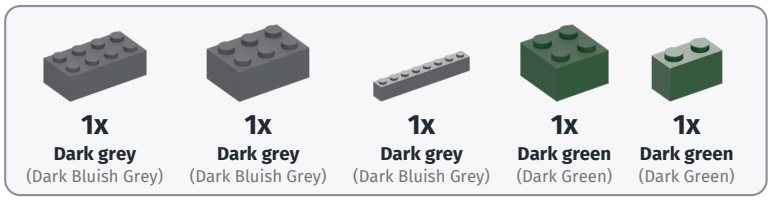
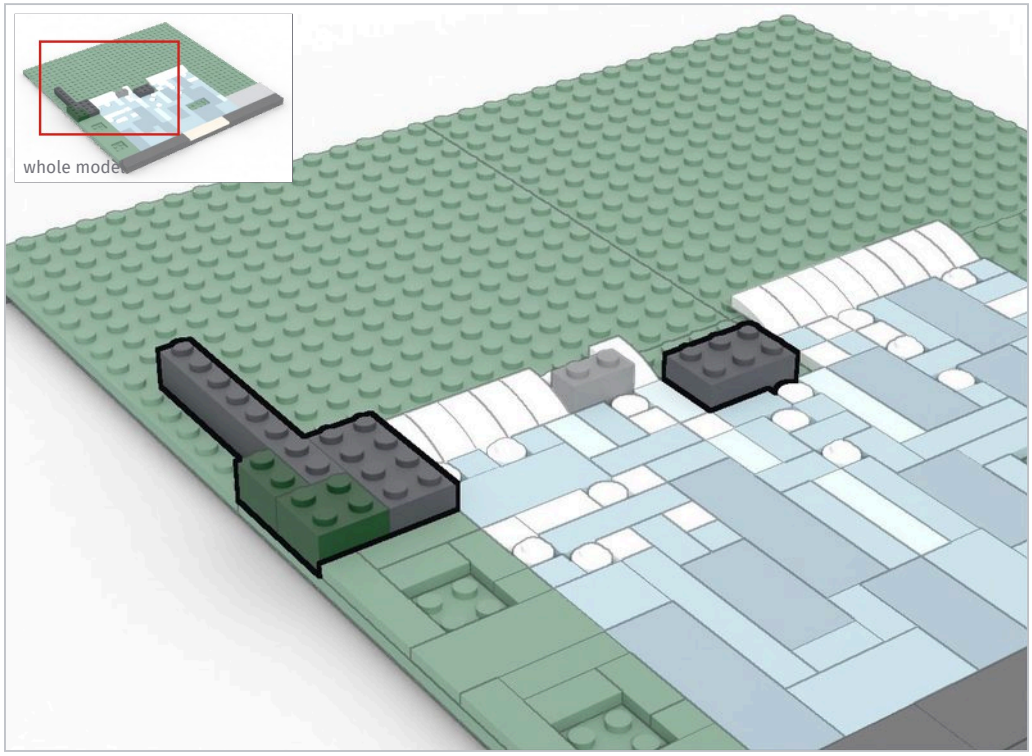
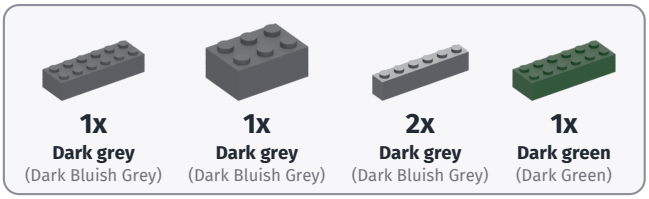
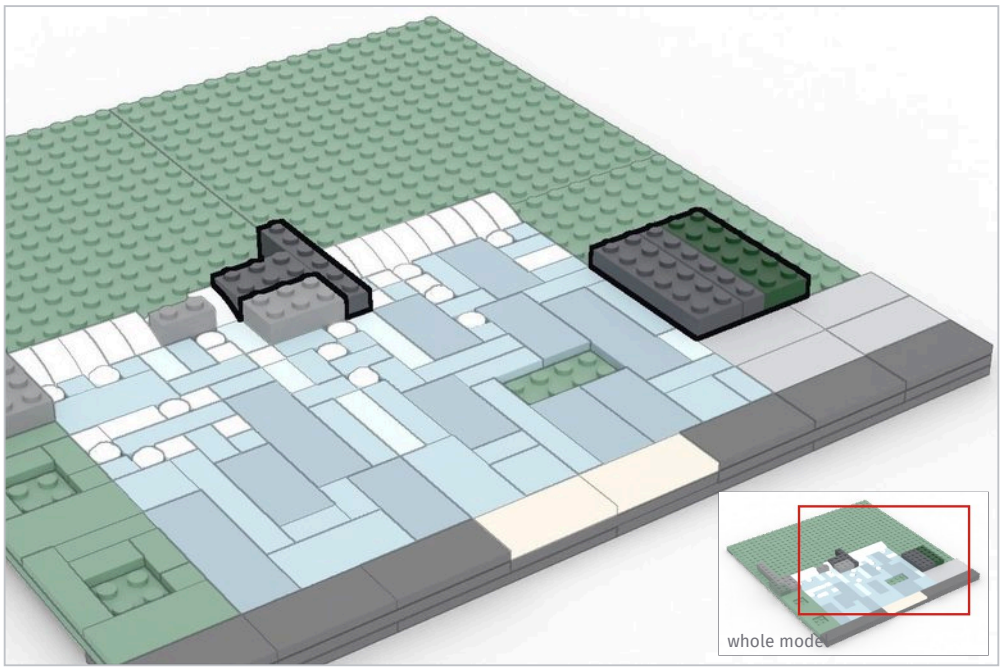




HIDDEN SUPPORT
The grey walls behind the waterfall, with cross walls every few studs, carry the river above it and keep its plates flat while you press the water on. The blue river plates cover them.

35





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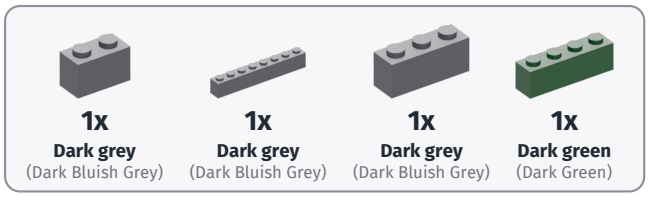
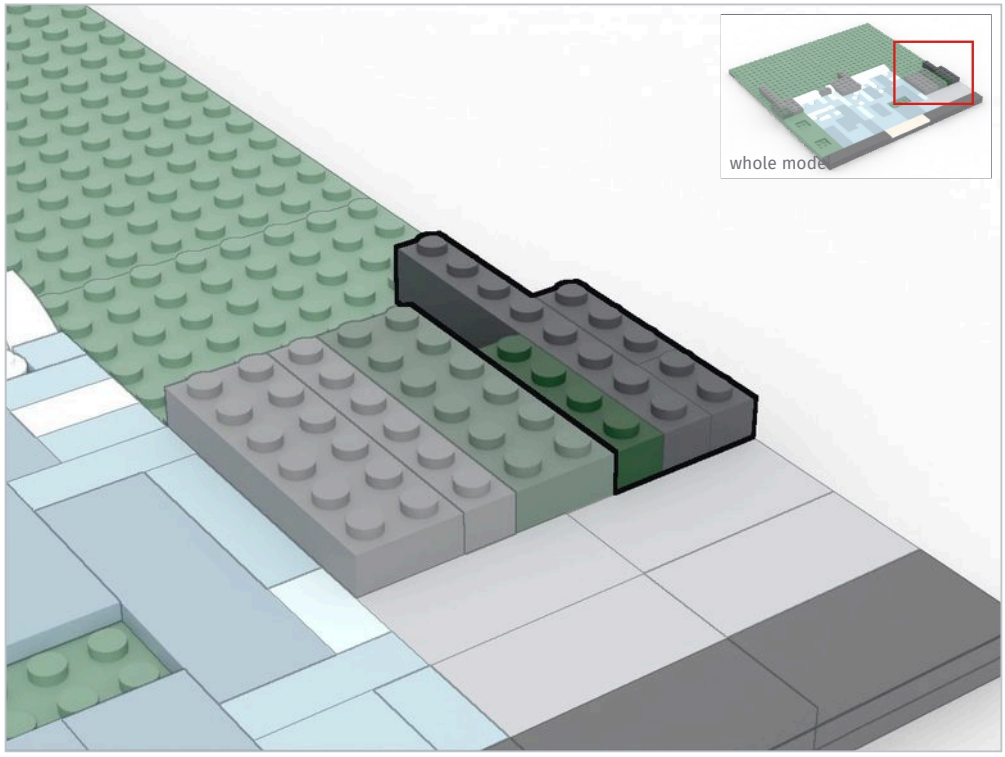
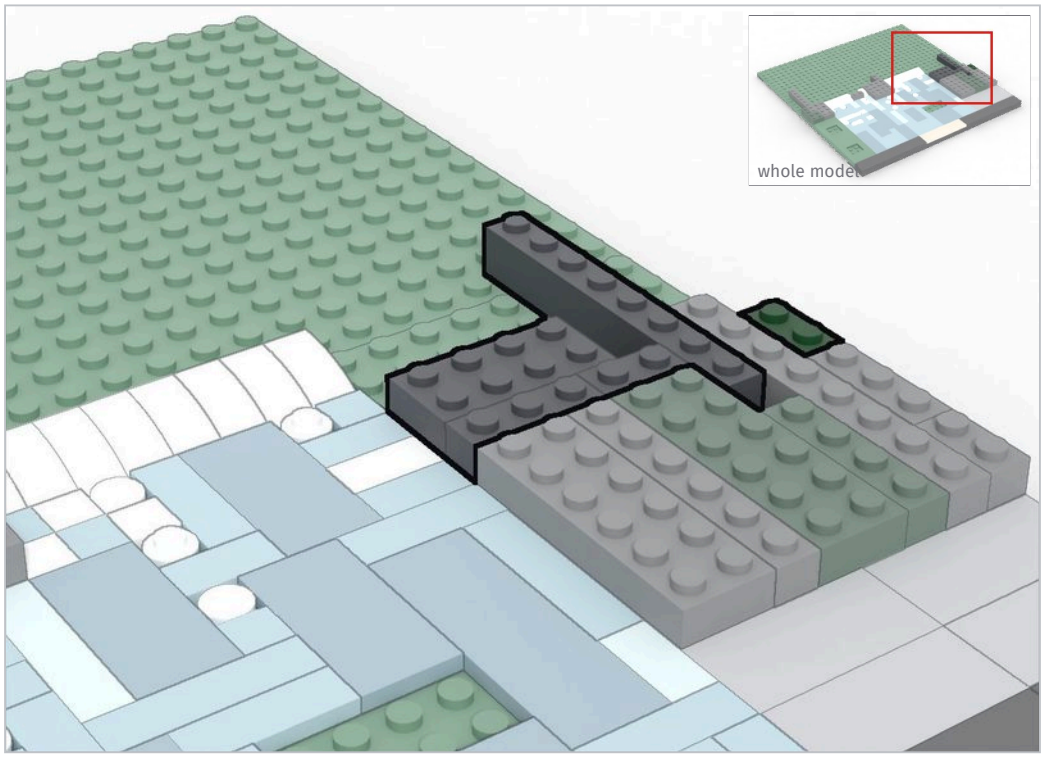

1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)

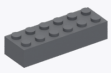

whole model

37

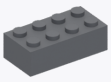

1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)


whole model

38



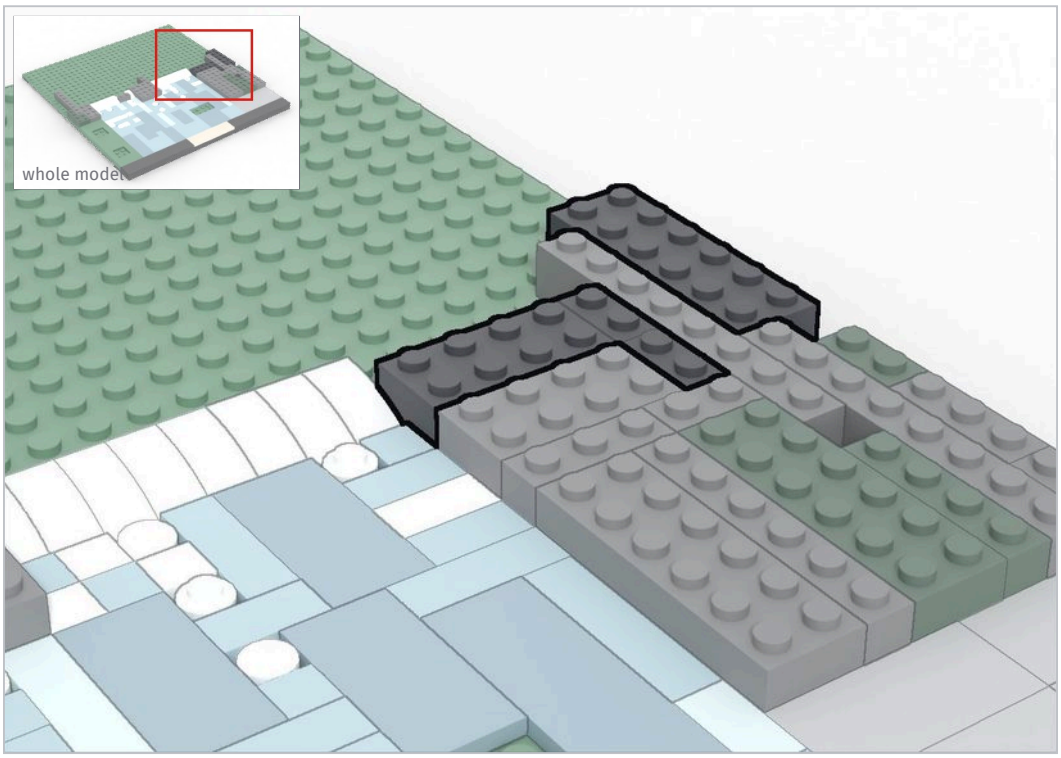
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



2x
Dark grey
(Dark Bluish Grey)



39

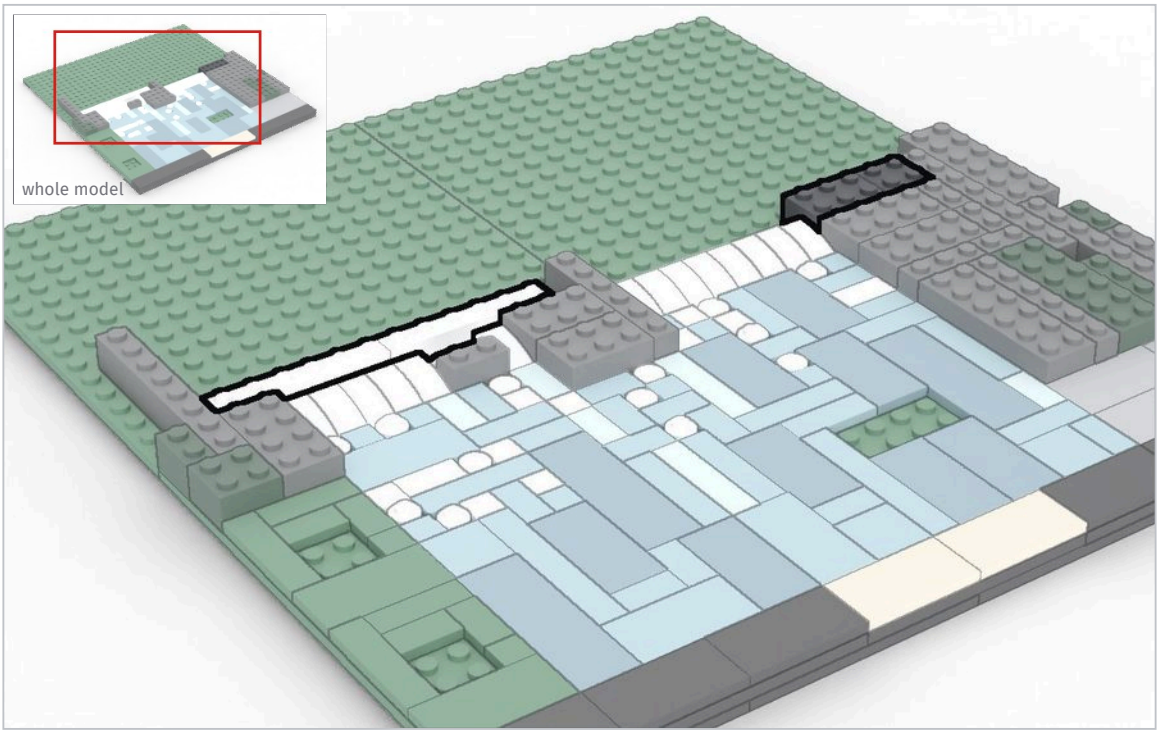
2x
White



1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



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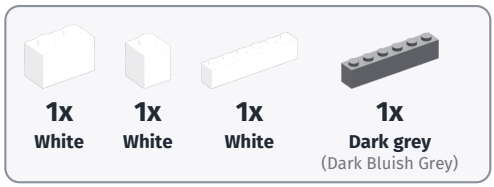
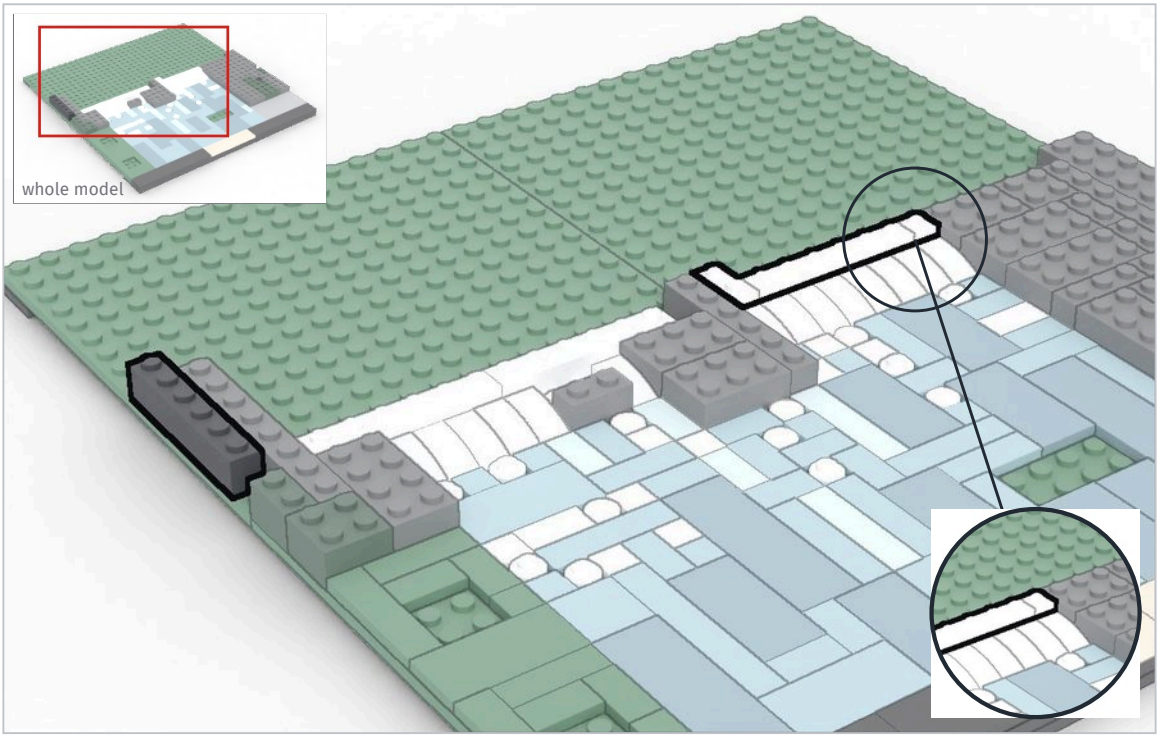


1x White
1x White
1x White
1x Dark grey (Dark Bluish Grey)



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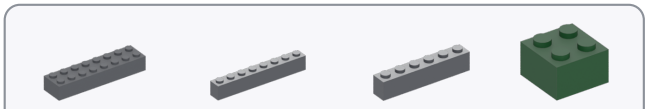
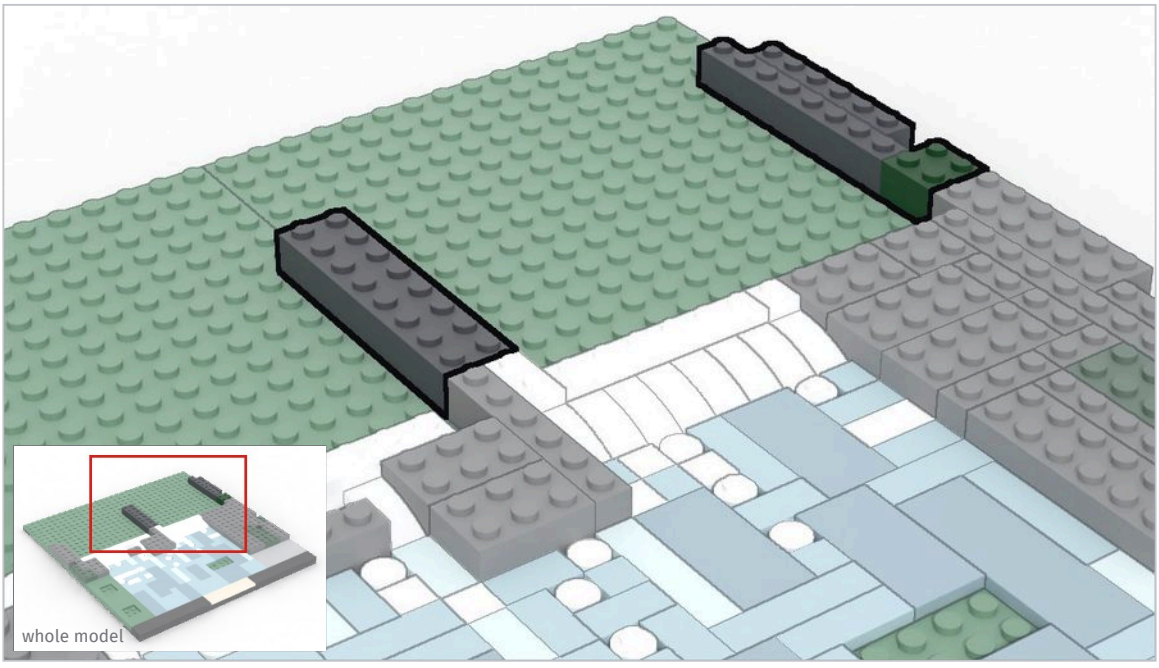


1x Dark grey (Dark Bluish Grey)
1x Dark grey (Dark Bluish Grey)
1x Dark grey (Dark Bluish Grey)
1x Dark green (Dark Green)



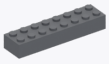
42



1x
Dark grey
(Dark Bluish Grey)



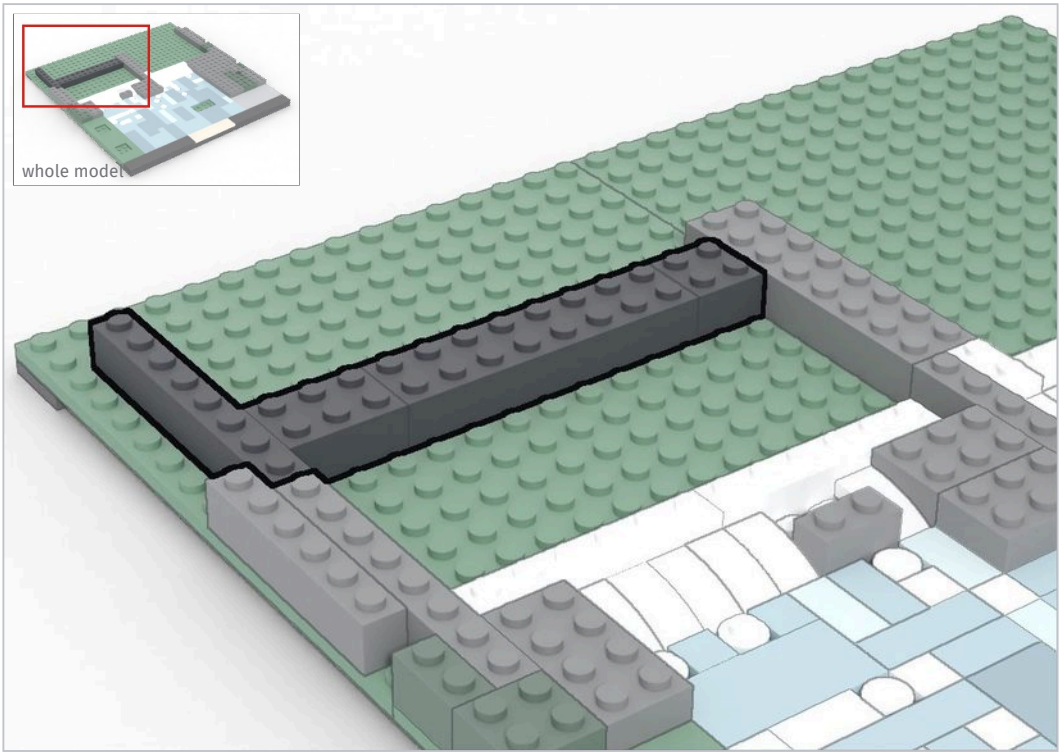
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



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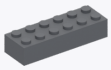


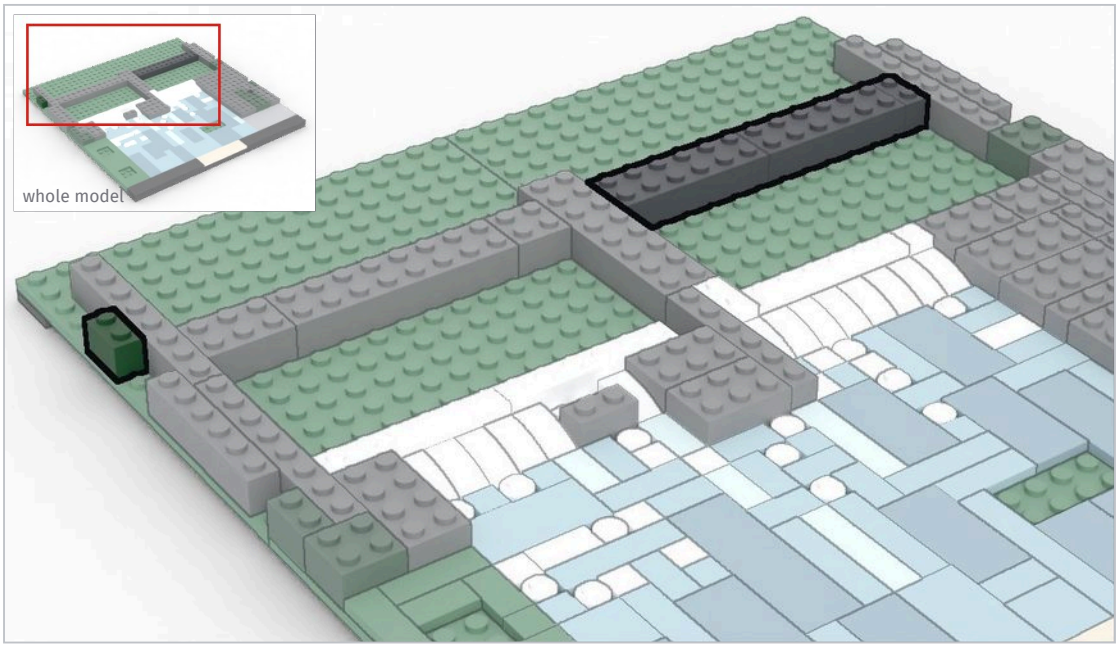
2x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



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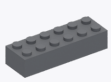

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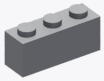
(Dark Bluish Grey)



2x
Dark grey
(Dark Bluish Grey)



1x
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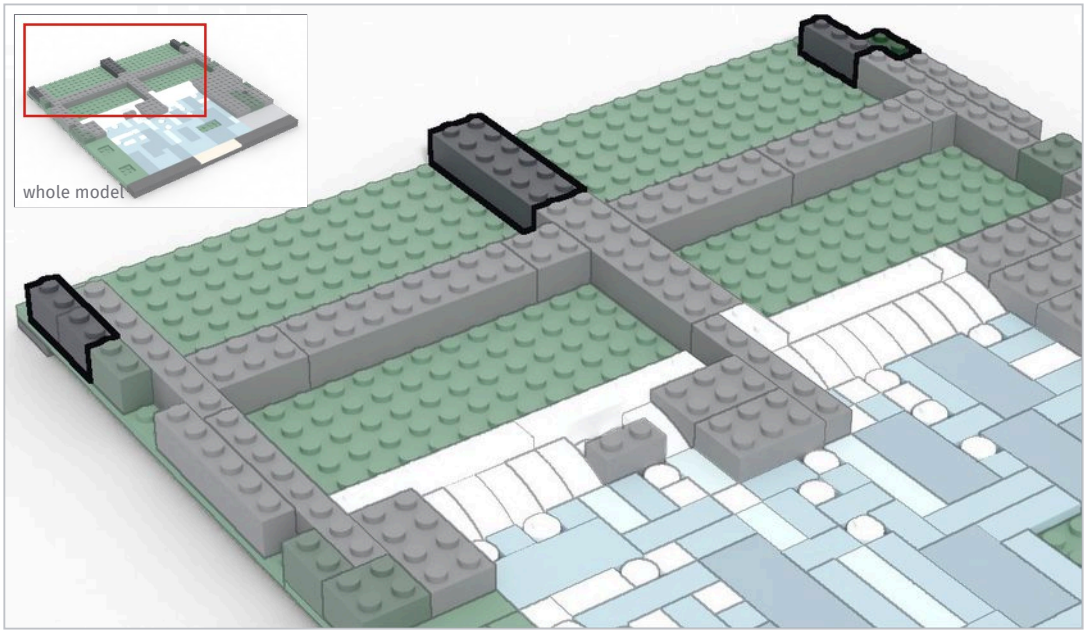
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



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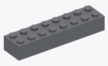
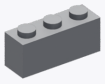


1x
Dark grey
(Dark Bluish Grey)



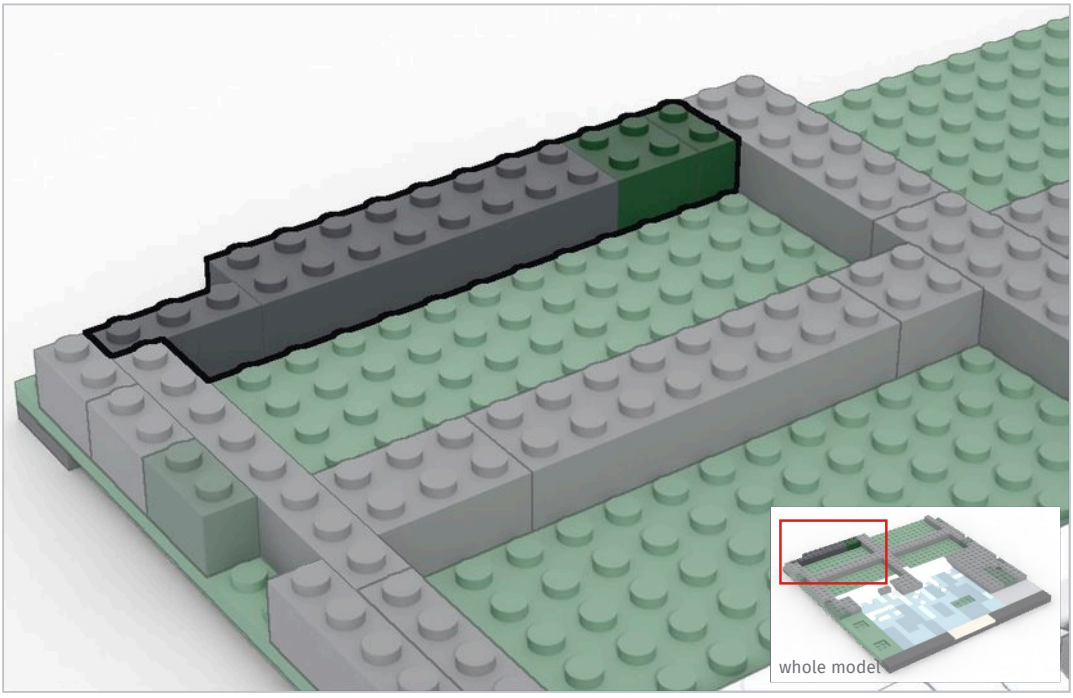
1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



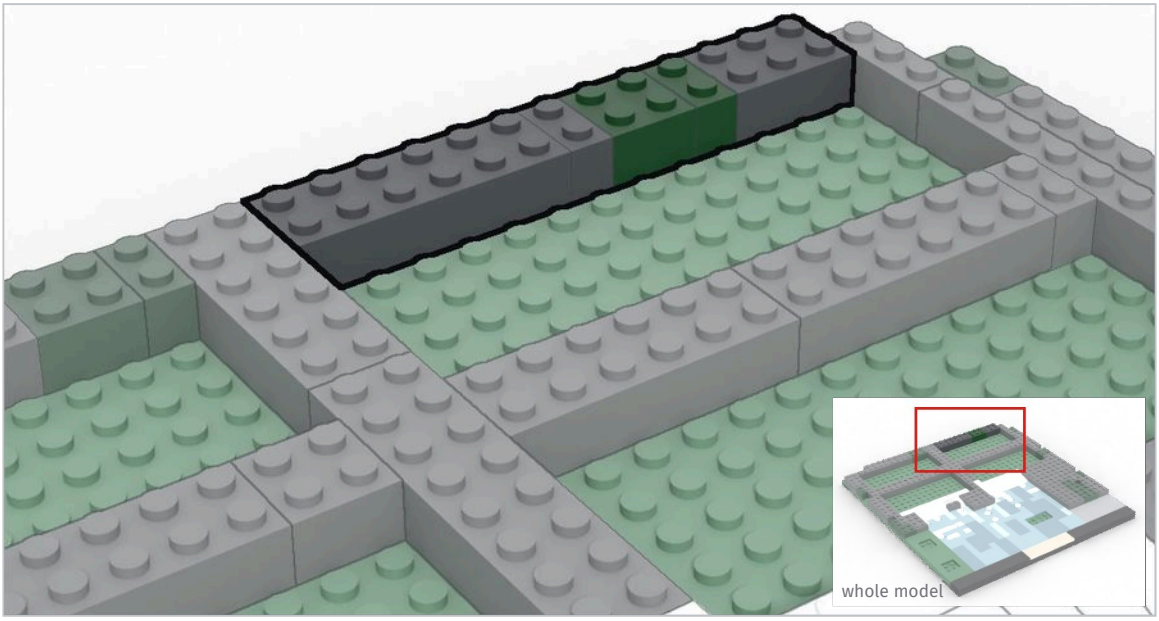
1x
Dark green
(Dark Green)



46



1x **Dark grey** (Dark Bluish Grey)
1x **Dark grey** (Dark Bluish Grey)
1x **Dark grey** (Dark Bluish Grey)
1x **Dark green** (Dark Green)
1x **Dark green** (Dark Green)



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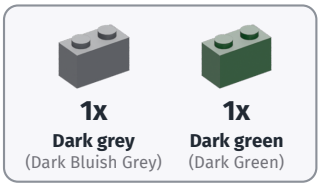
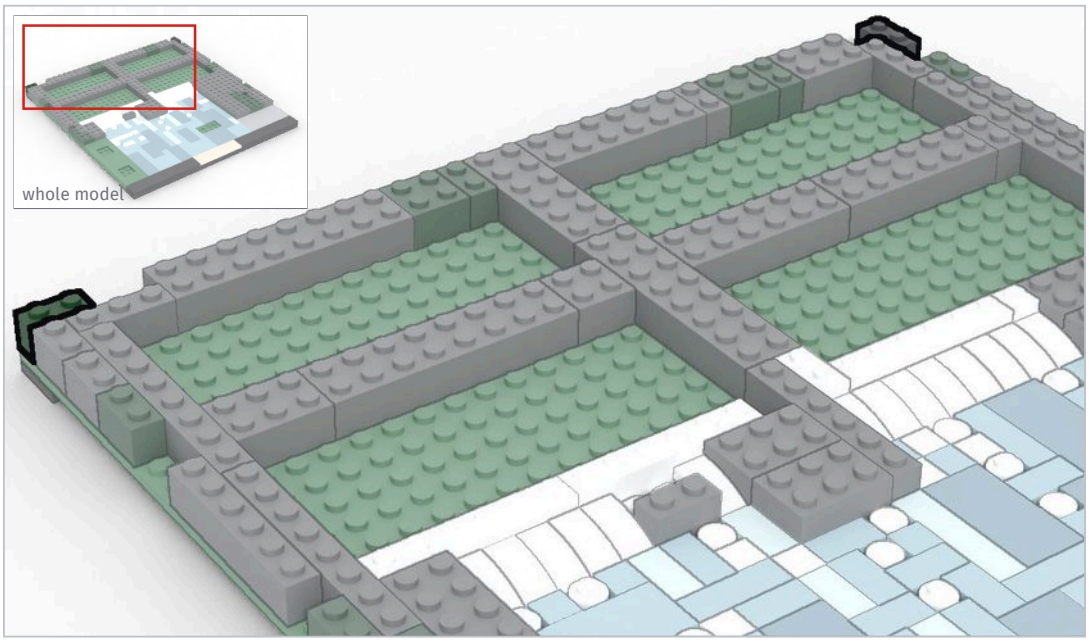


1x **Dark grey** (Dark Bluish Grey)
1x **Dark green** (Dark Green)



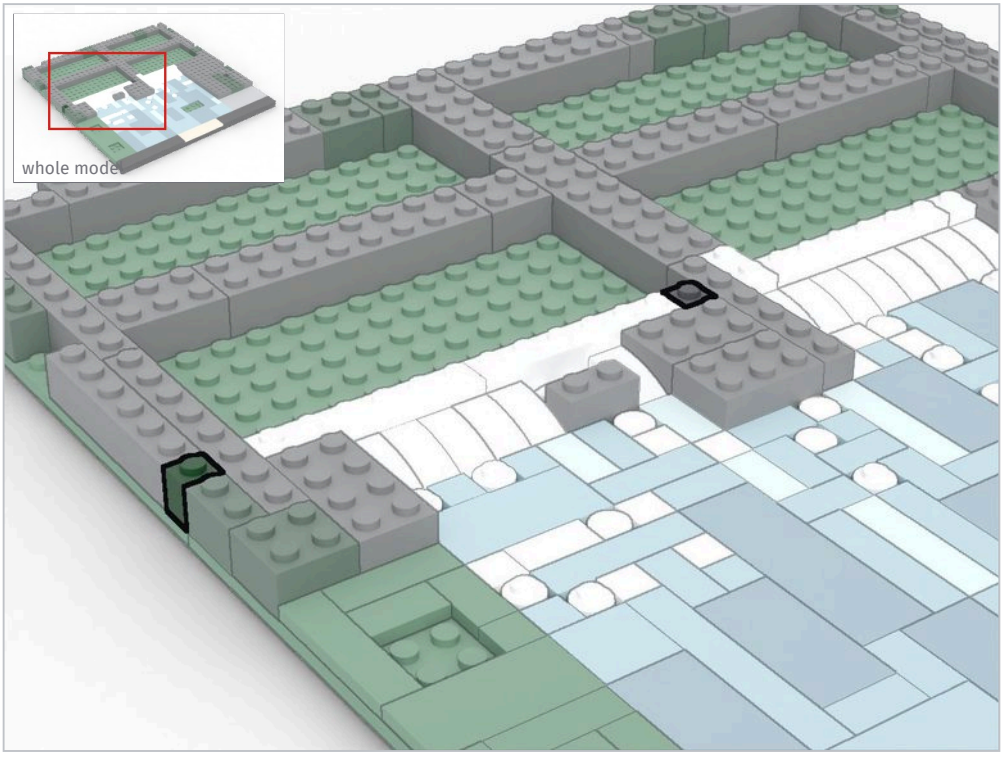
48



1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



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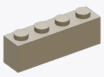
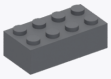
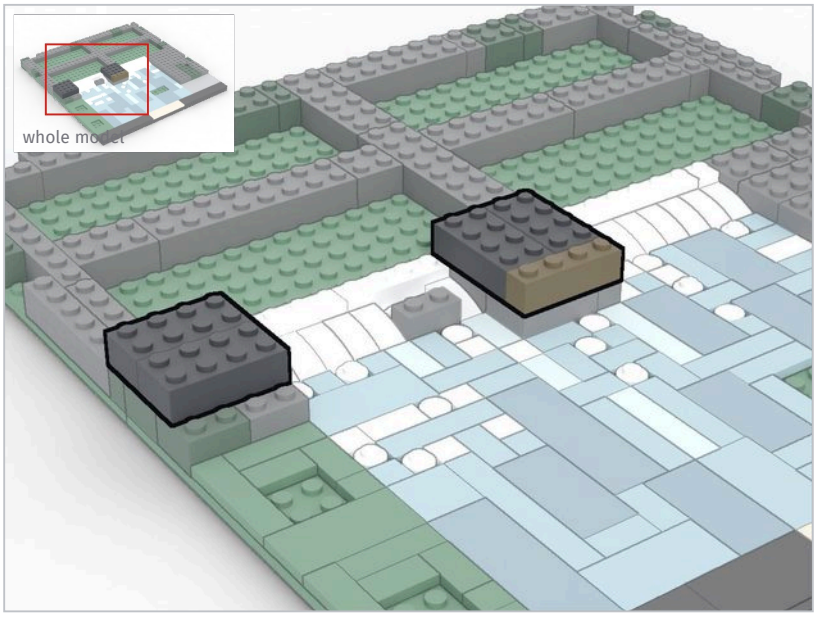
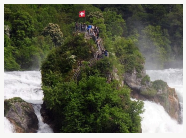


1x
Dark tan
(Dark Tan)



4x
Dark grey
(Dark Bluish Grey)



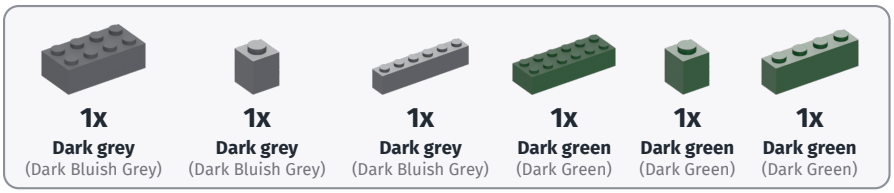


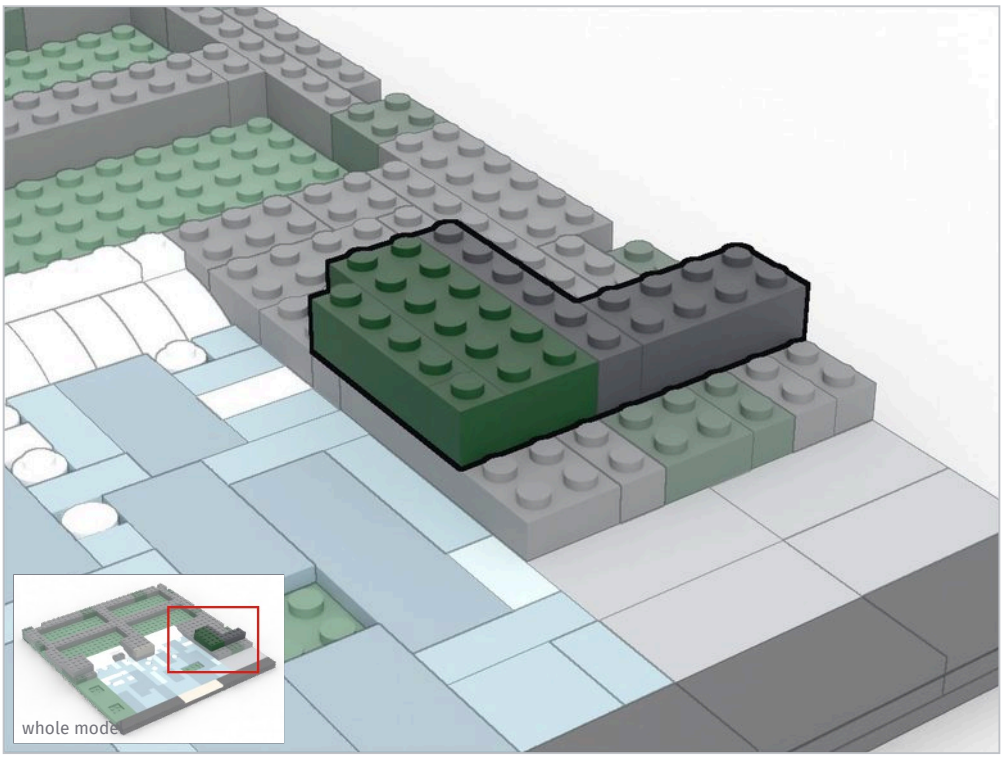
THE REAL THING

The tall block in the middle is the big rock. Boats bring visitors to it, and a steep stair leads up to the Swiss flag on top.

Photo: Henk Monster · CC BY 3.0

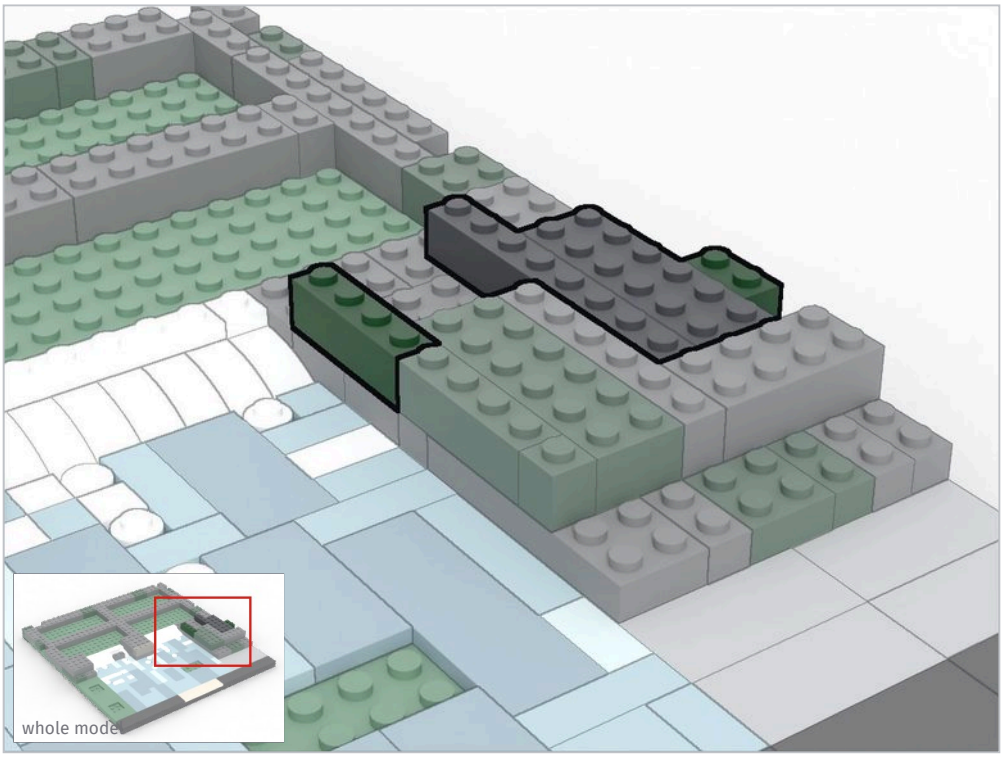
50


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)

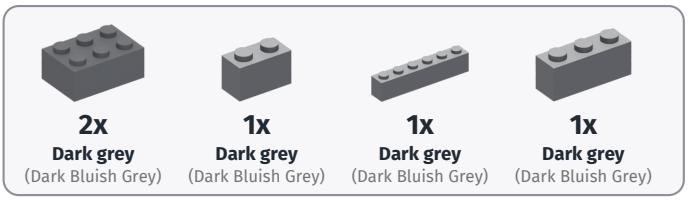

whole model

51


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)


whole model

52

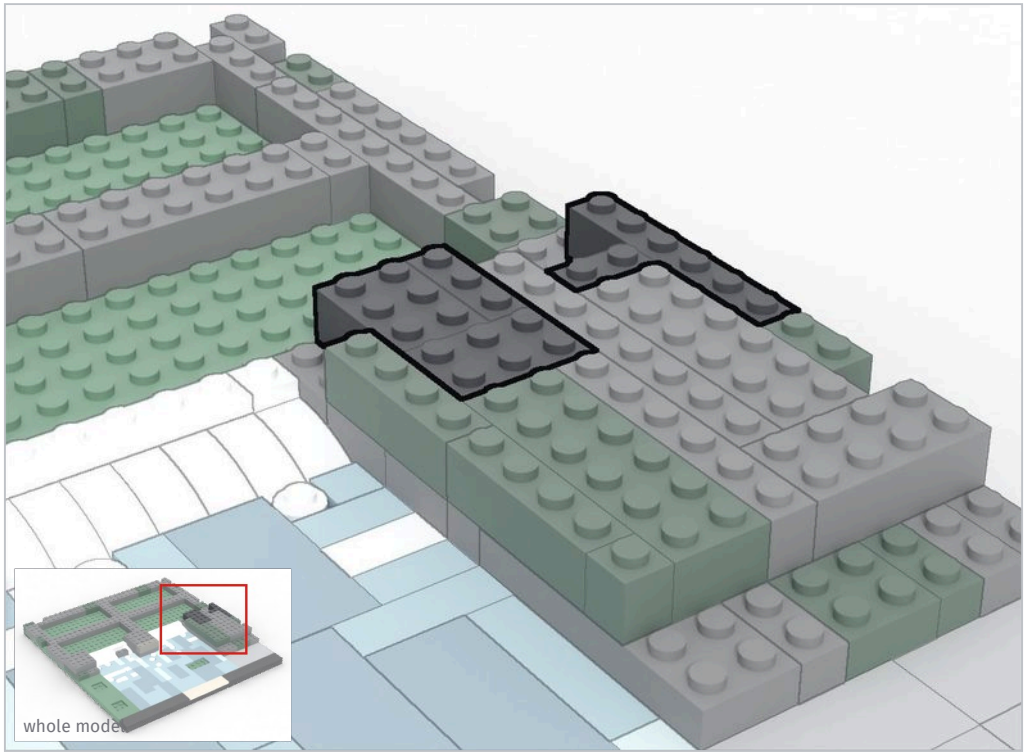


2x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)



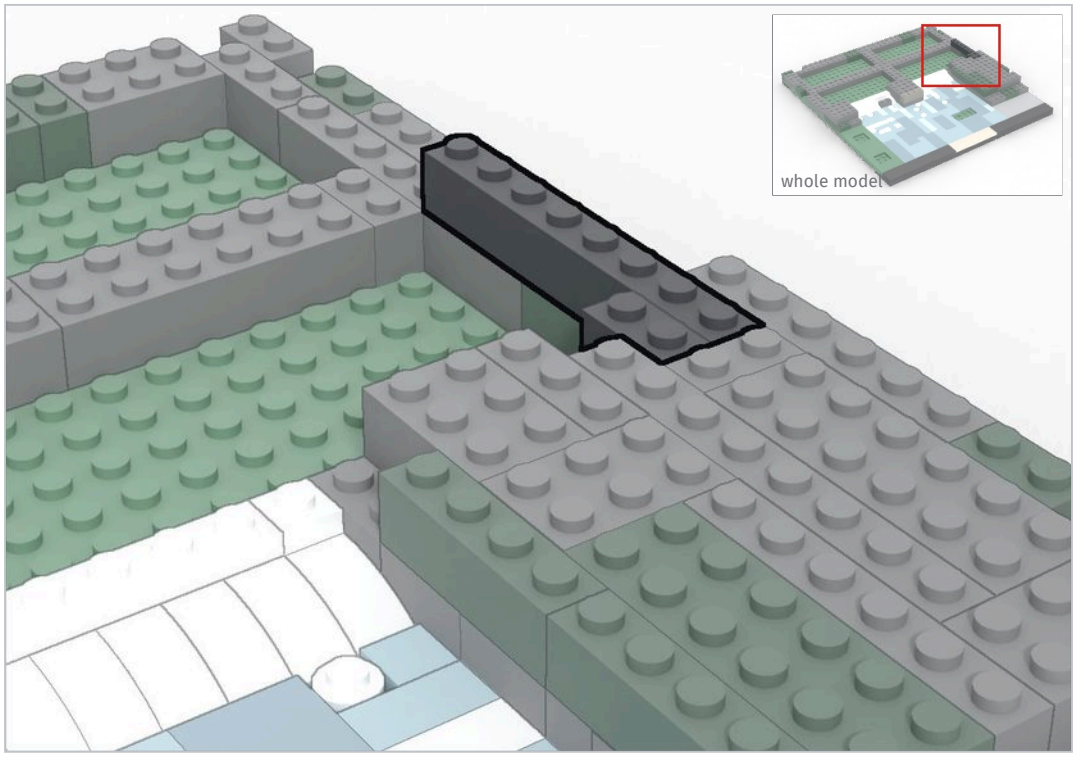
53



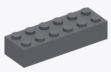
1x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)

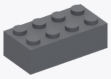
1x **Dark green** (Dark Green)



54



1x
Dark grey
(Dark Bluish Grey)



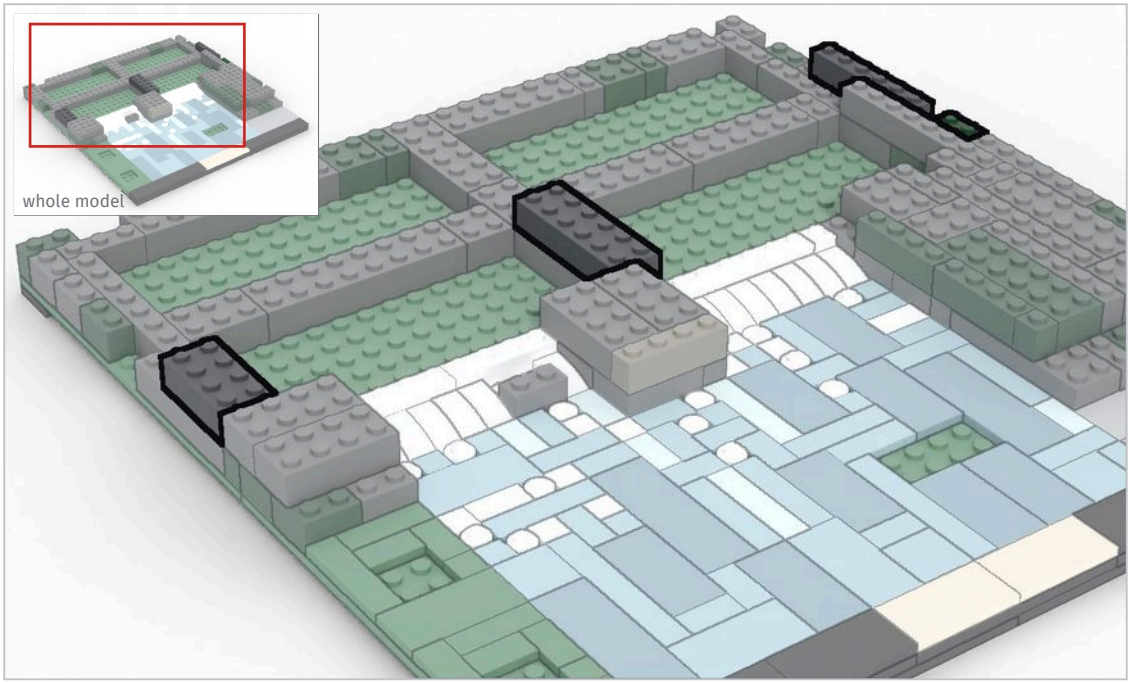
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



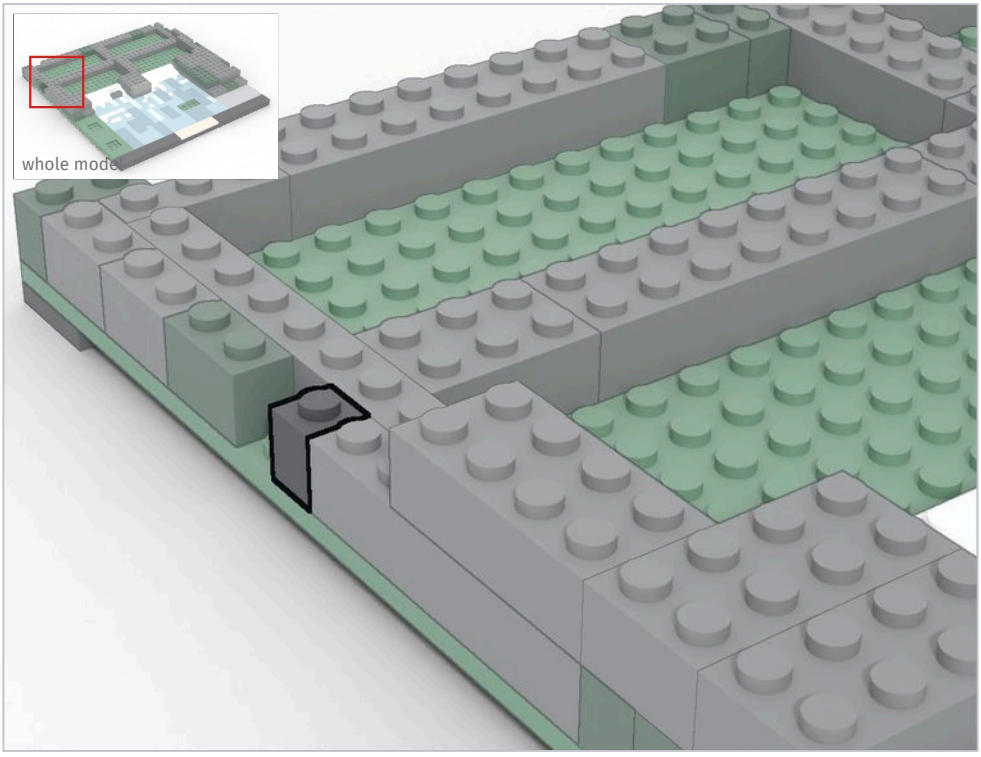
1x
Dark green
(Dark Green)



55



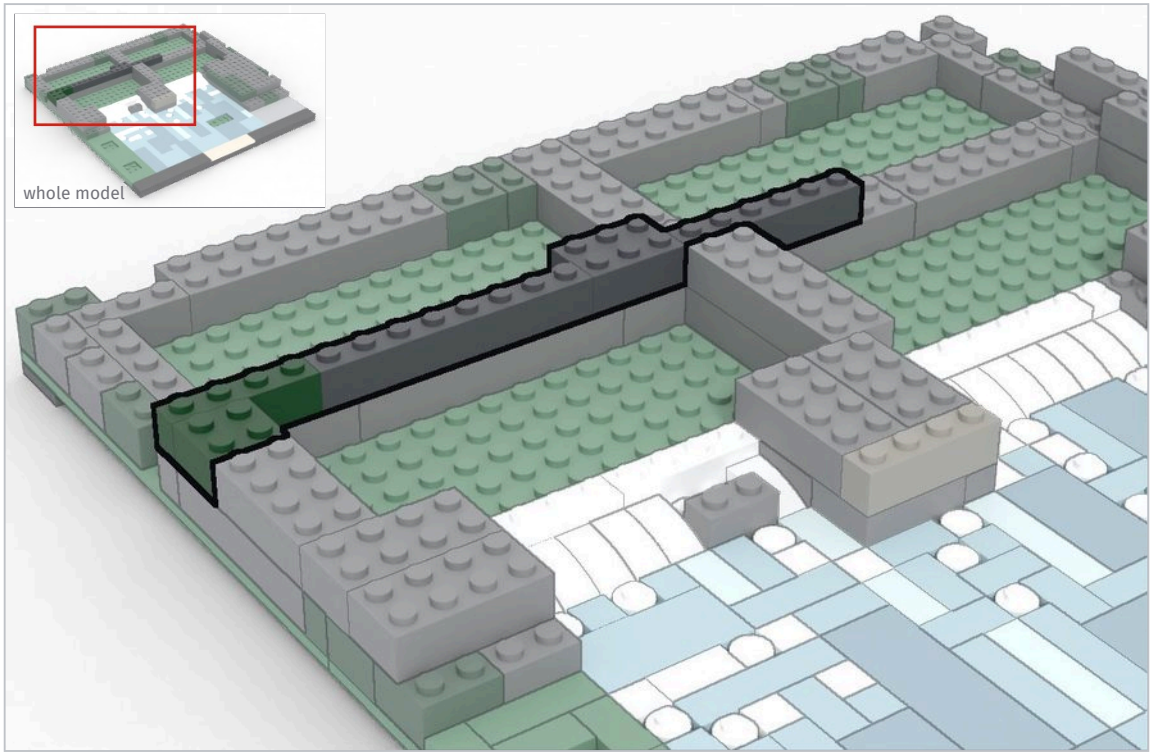
1x
Dark grey
(Dark Bluish Grey)



56



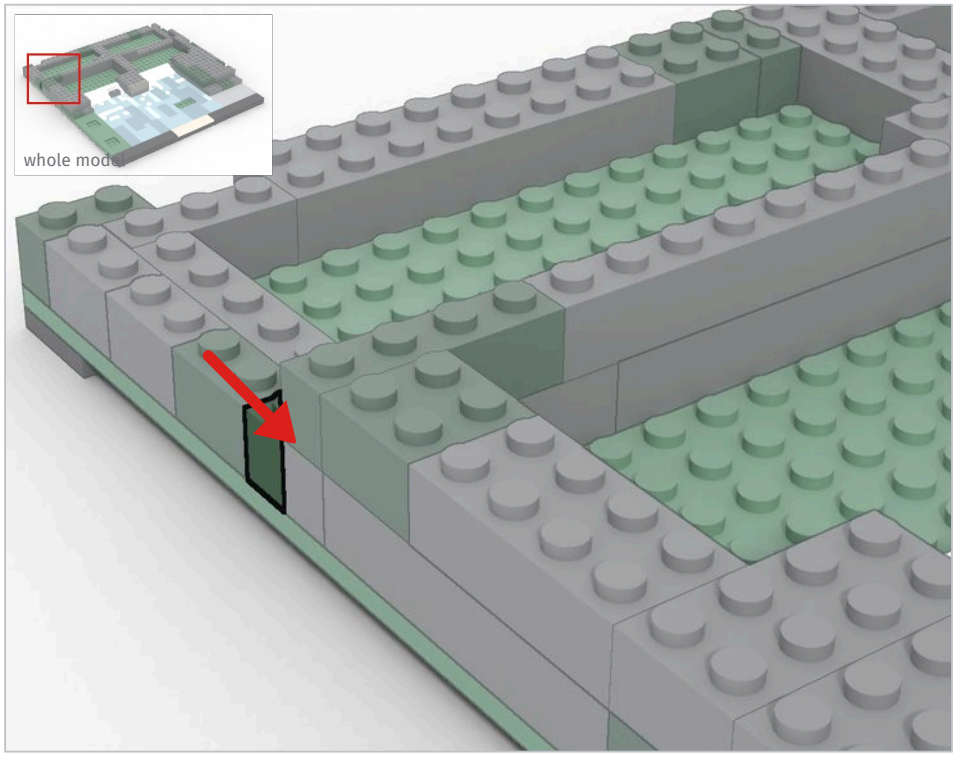
1x **Dark grey** (Dark Bluish Grey)
1x **Dark grey** (Dark Bluish Grey)
1x **Dark grey** (Dark Bluish Grey)
1x **Dark green** (Dark Green)
1x **Dark green** (Dark Green)



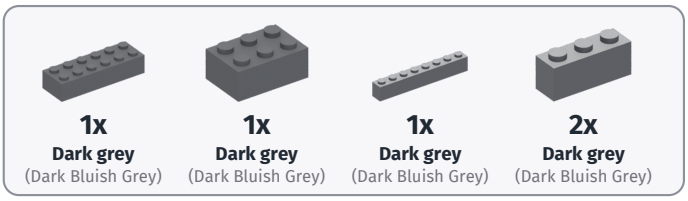
57

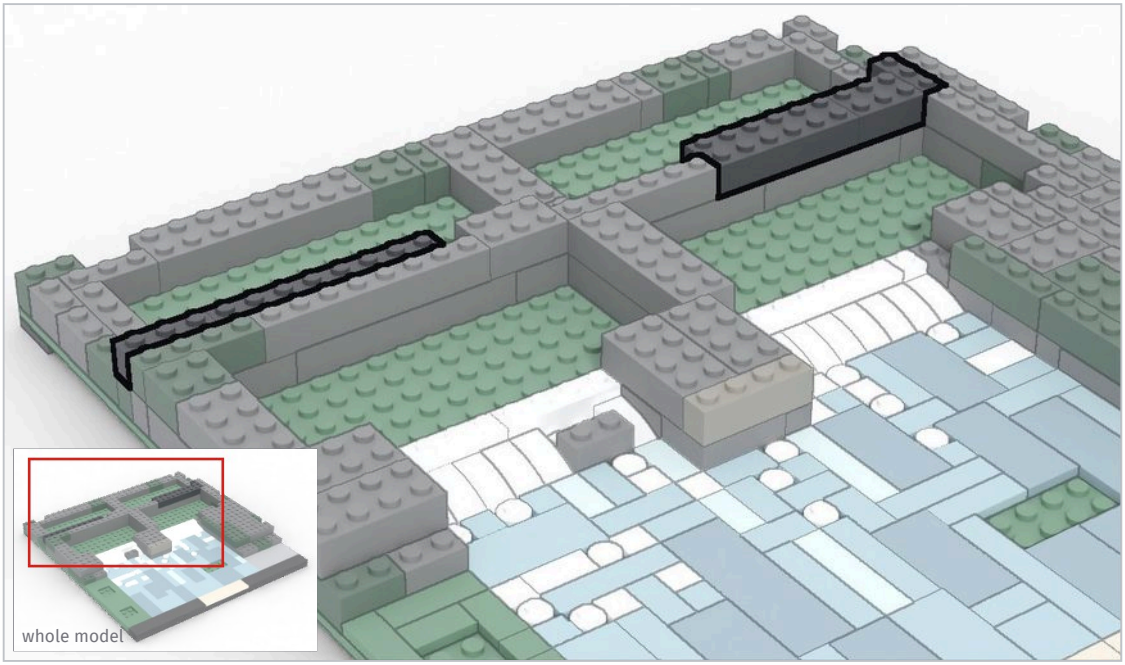


1x **Dark green** (Dark Green)



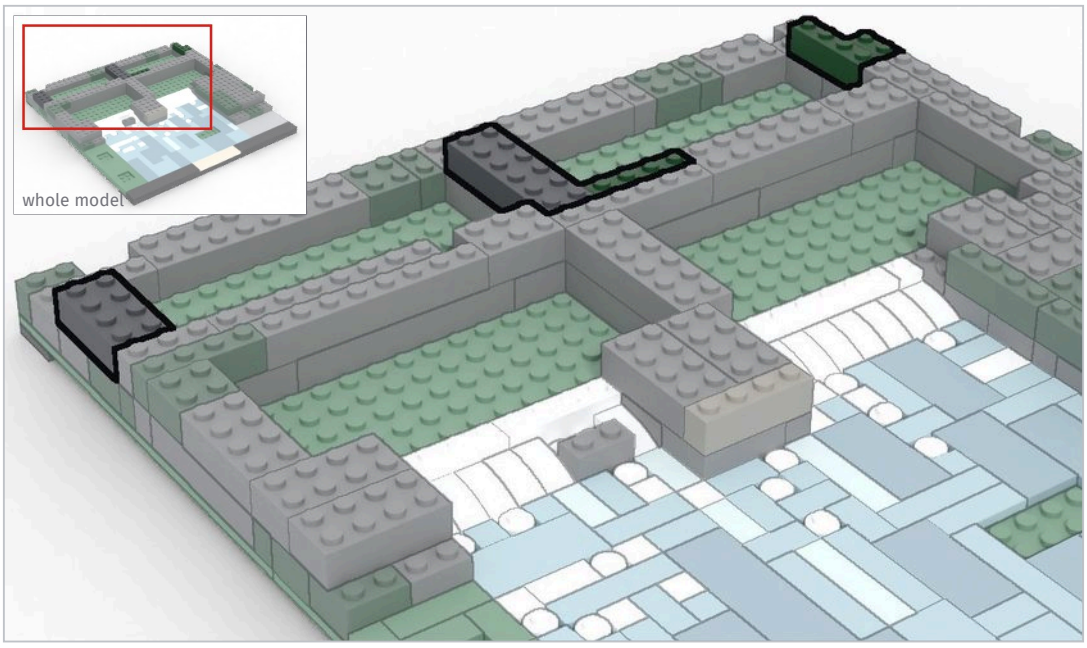
58


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)

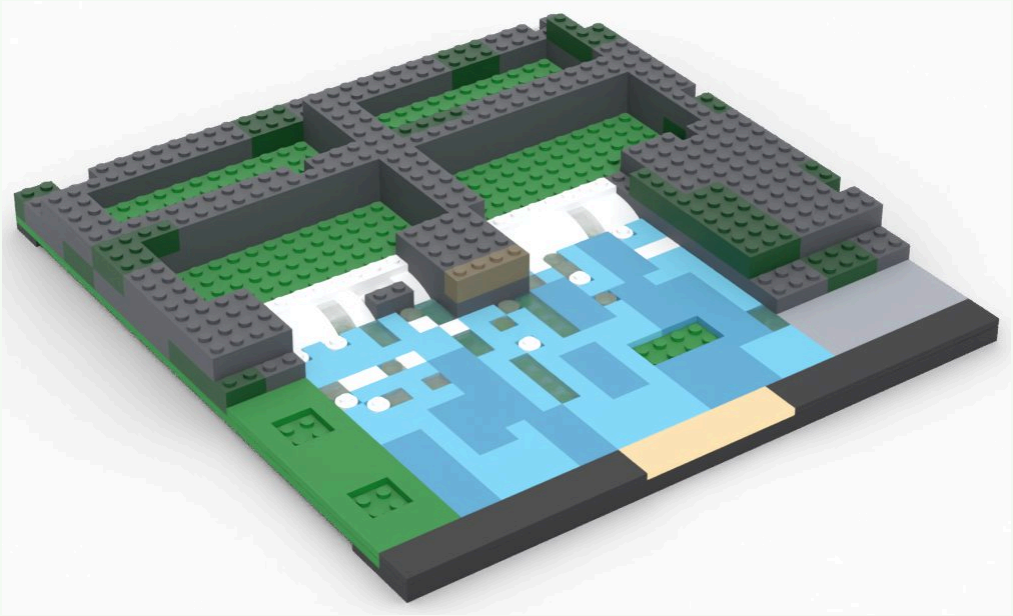

whole model

59


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
2x
Dark green
(Dark Green)


whole model

Chapter 2 done



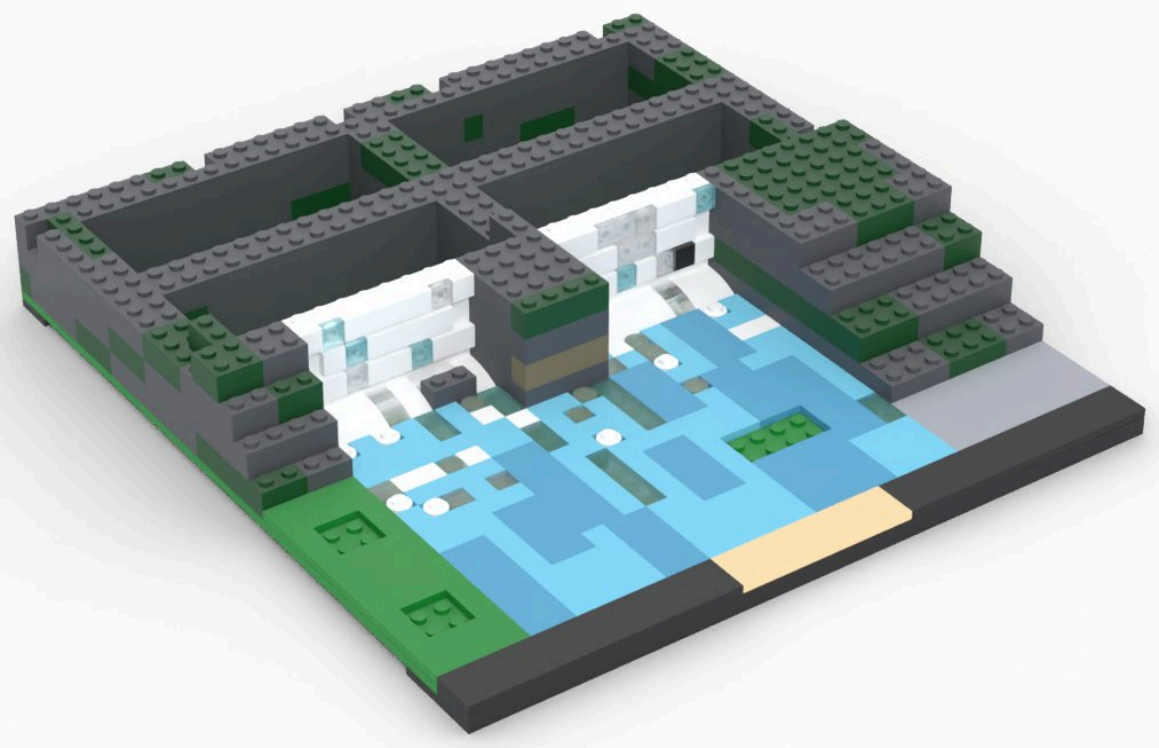
A good place to stop. Next time, start with chapter 3: The waterfall.

Chapter 3

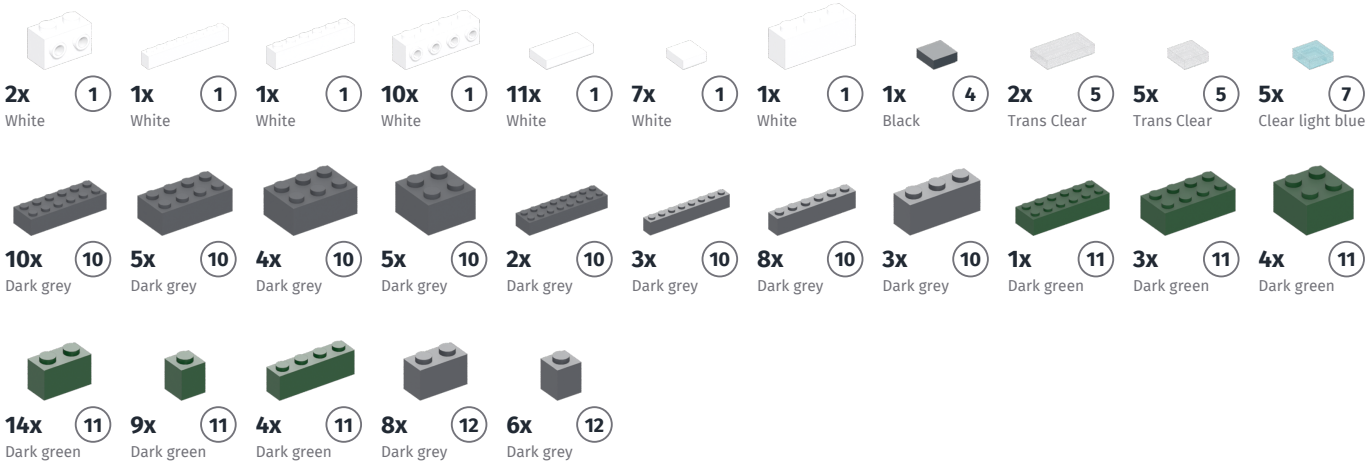
The waterfall

Steps 60–89 · 135 pieces

You'll need bowls 1, 4, 5, 7, 10, 11 and 12



Parts in this chapter (the circle: its bowl)



Water brick a ×2

Build this 2 times; it goes on in a later step.

1

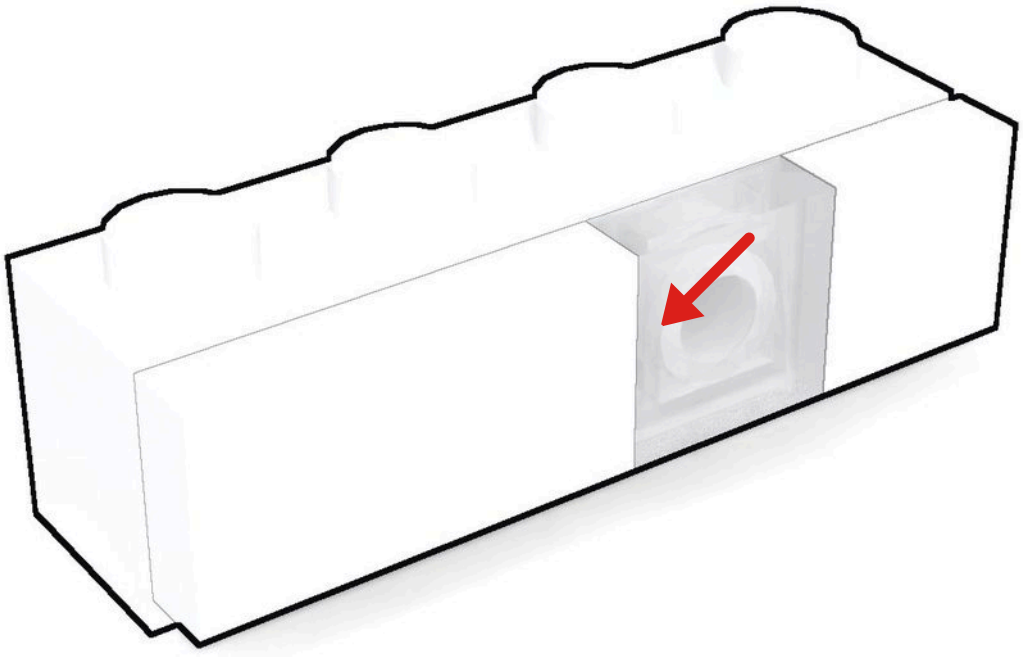


1x White

1x White

1x White

1x Trans Clear





THE REAL THING

The white and clear tiles on the bricks' side studs are the falling water: the Rhine is 150 m wide here and drops 23 m.

Photo: Henk Monster · CC BY 3.0

Water brick b ×3

Build this 3 times; it goes on in a later step.

1



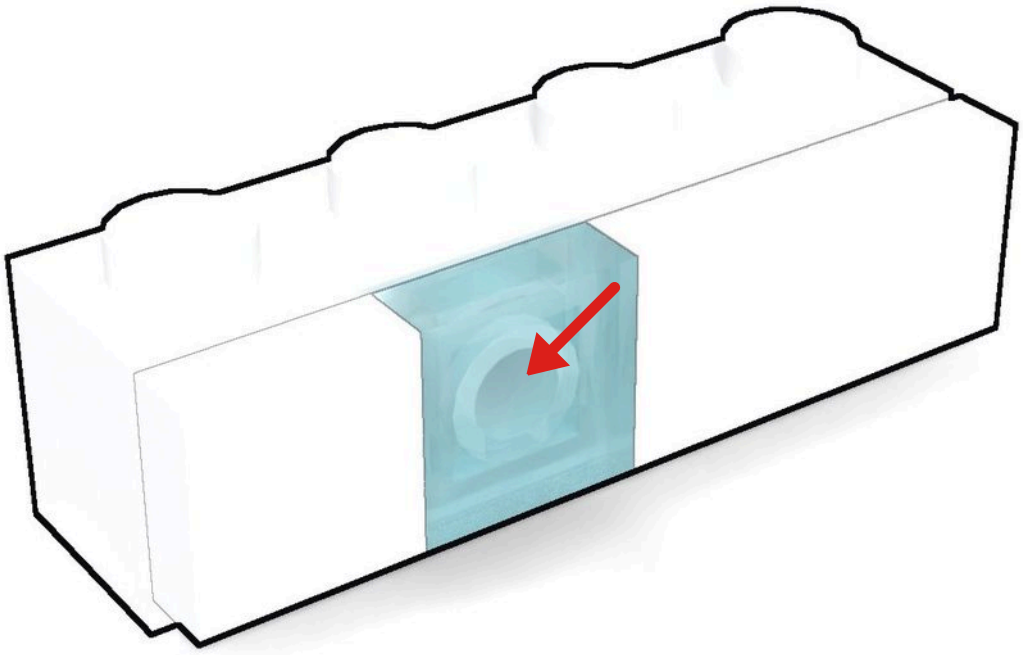
1x White

1x White

1x White



1x Clear light blue
(Trans-Light Blue)



Water brick c ×2

Build this 2 times; it goes on in a later step.

1



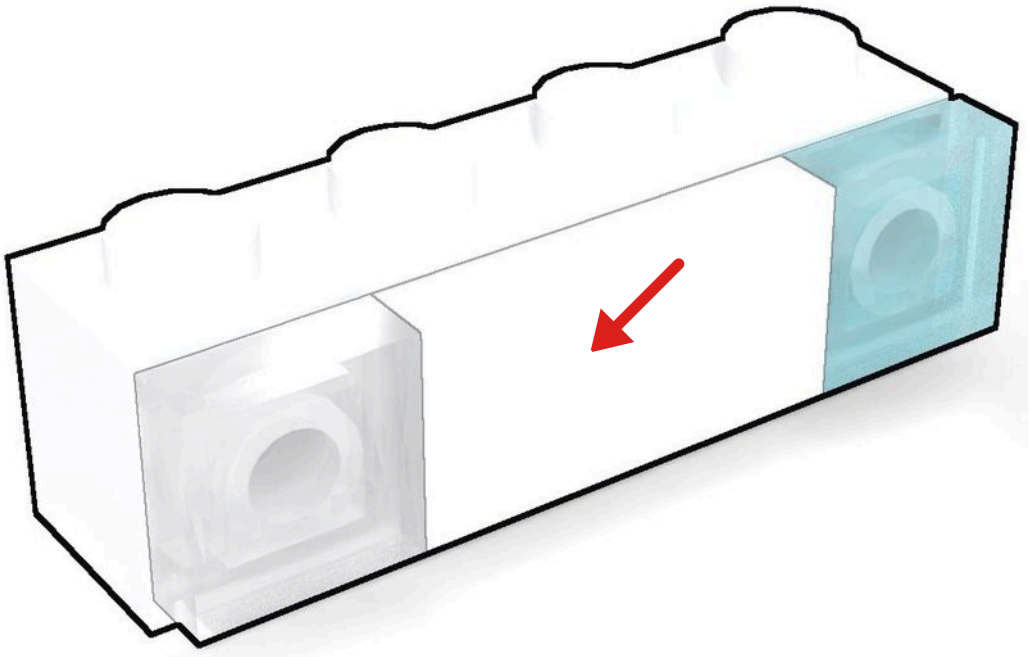
1x White

1x White



1x Clear light blue
(Trans-Light Blue)

1x Trans Clear



Water brick e

Build this first; it goes on in a later step.

1

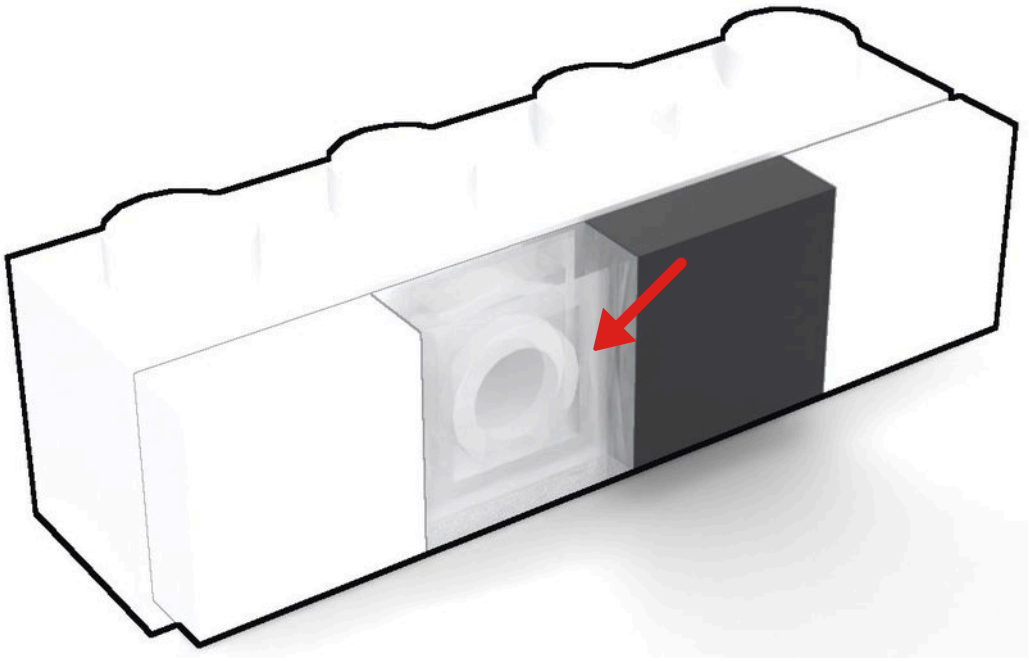


1x Black

1x White

2x White

1x Trans Clear



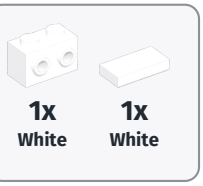
THE REAL THING

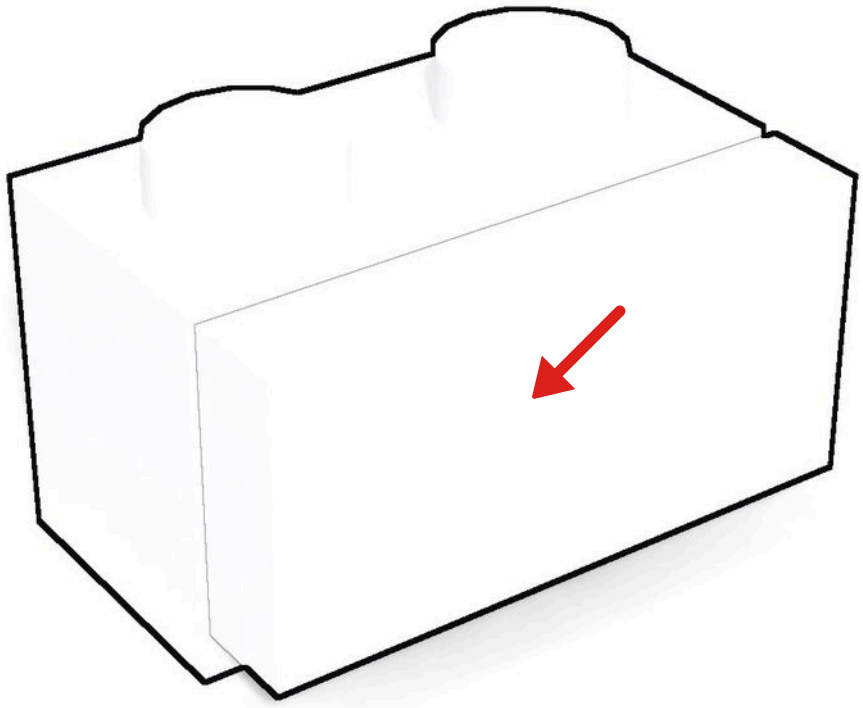
Easter egg: this one black tile low in the falling water hides a secret of the Rhine Falls. Its story is on the last page.

Water brick f ×2

Build this 2 times; it goes on in a later step.

1





Water brick d ×2

Build this 2 times; it goes on in a later step.

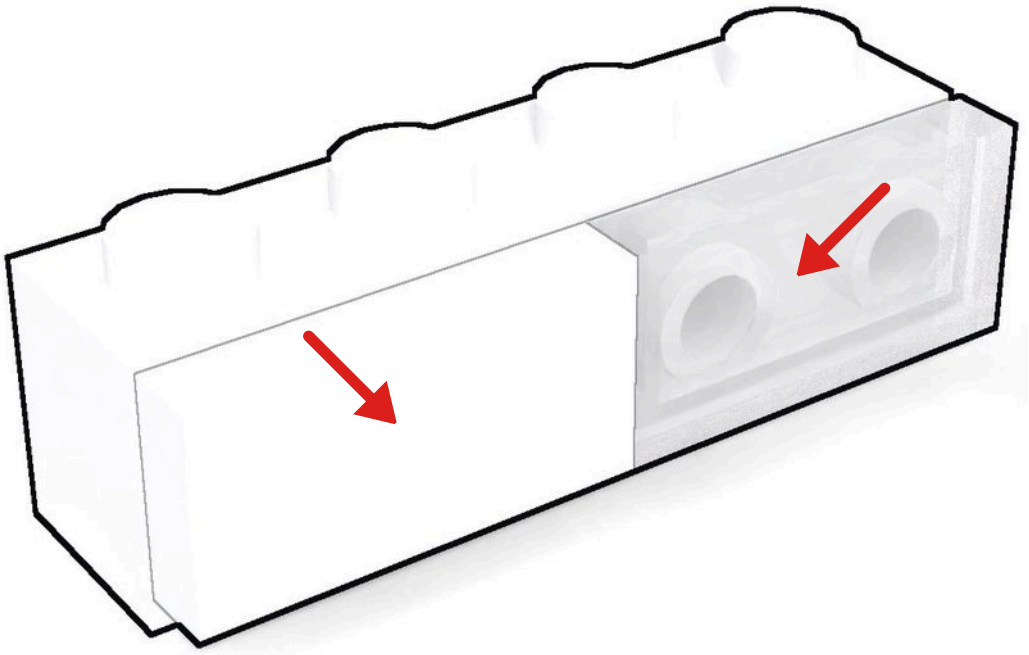
1



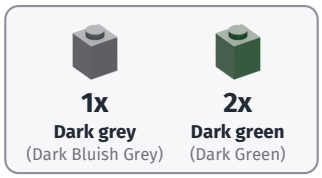
1x White

1x White

1x Trans Clear

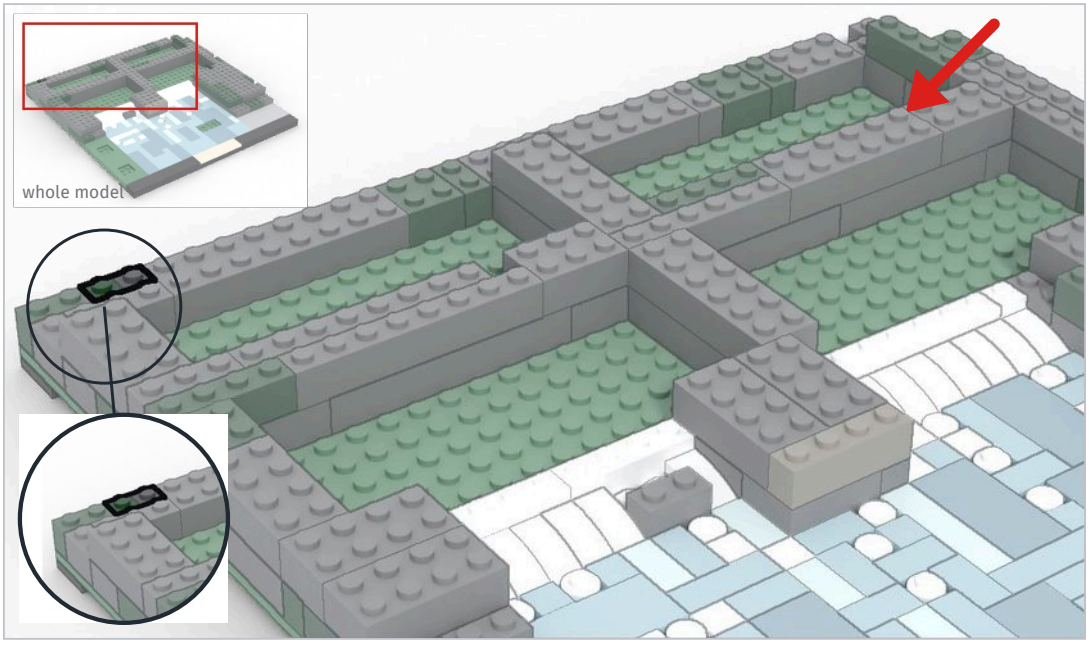


60

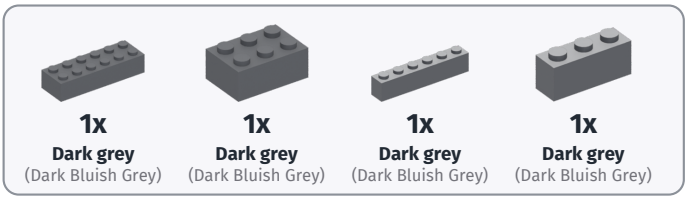


1x **Dark grey** (Dark Bluish Grey)

2x **Dark green** (Dark Green)



61

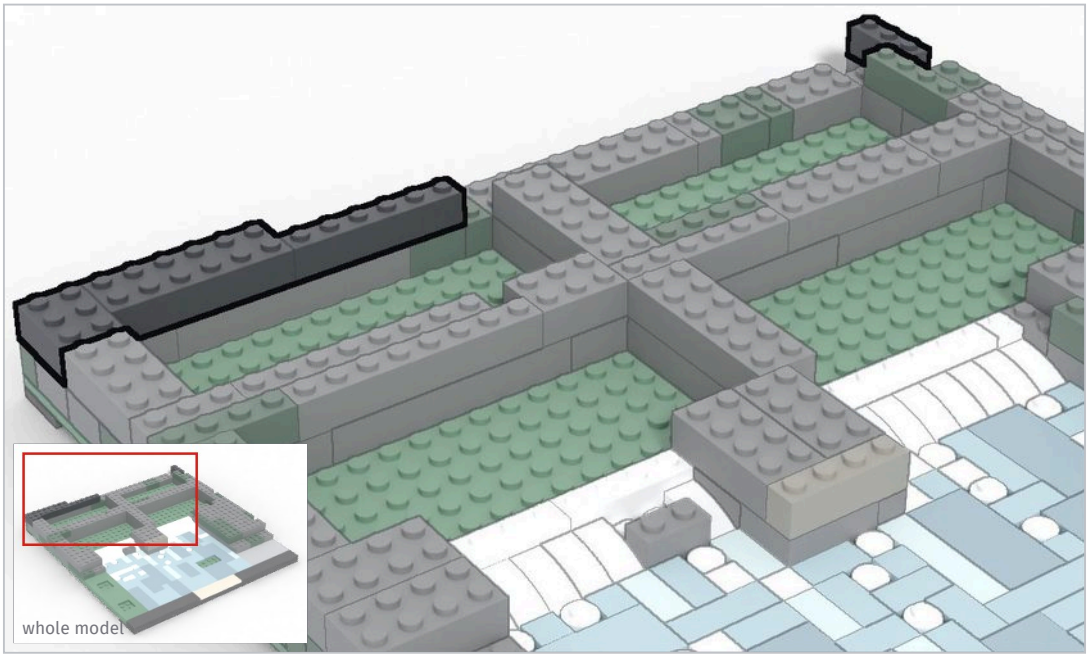


1x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)

1x **Dark grey** (Dark Bluish Grey)

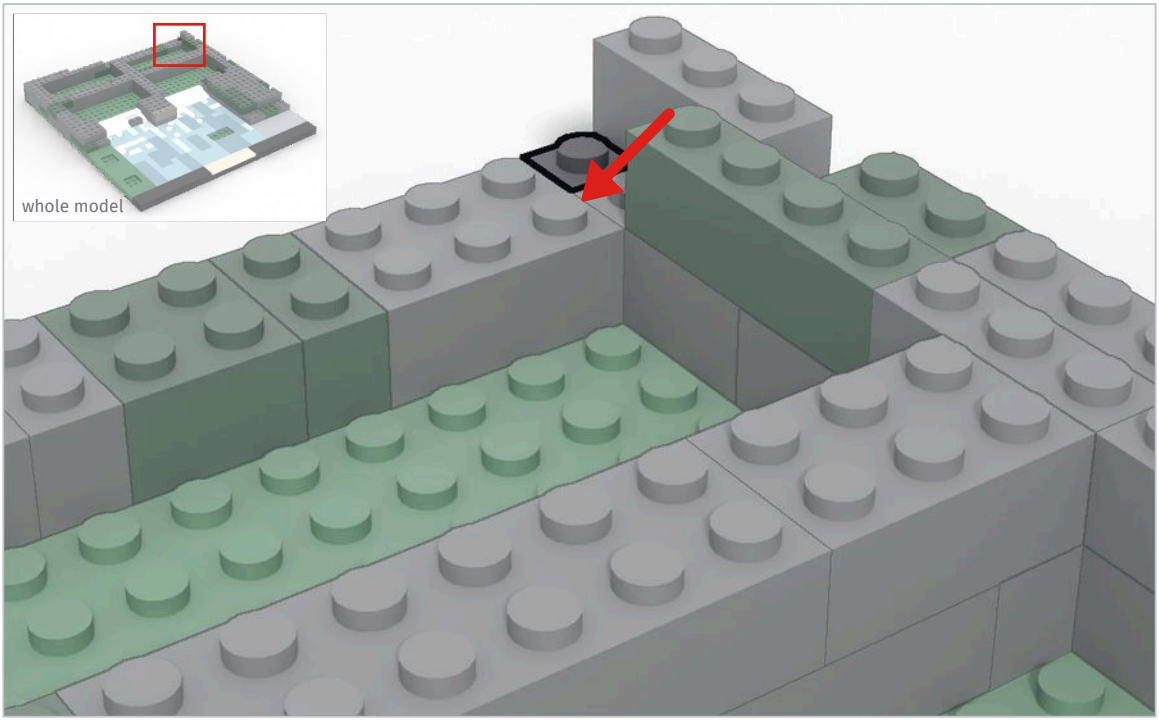
1x **Dark grey** (Dark Bluish Grey)



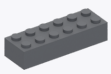
62



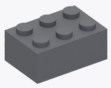
1x
Dark grey
(Dark Bluish Grey)



63



1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



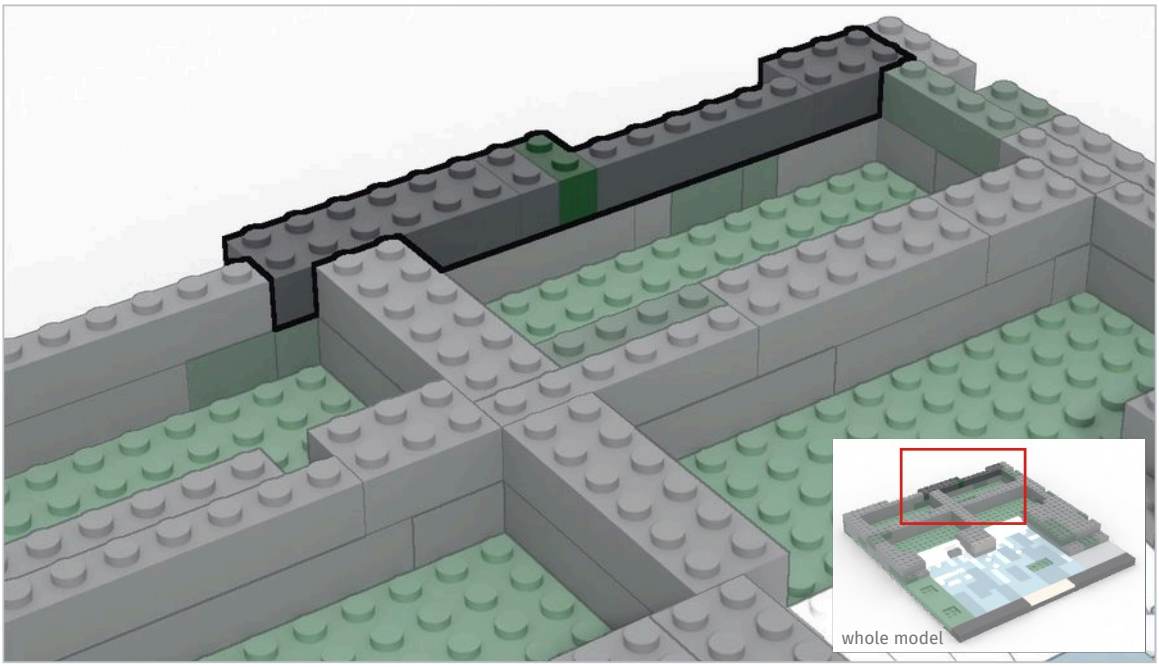
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



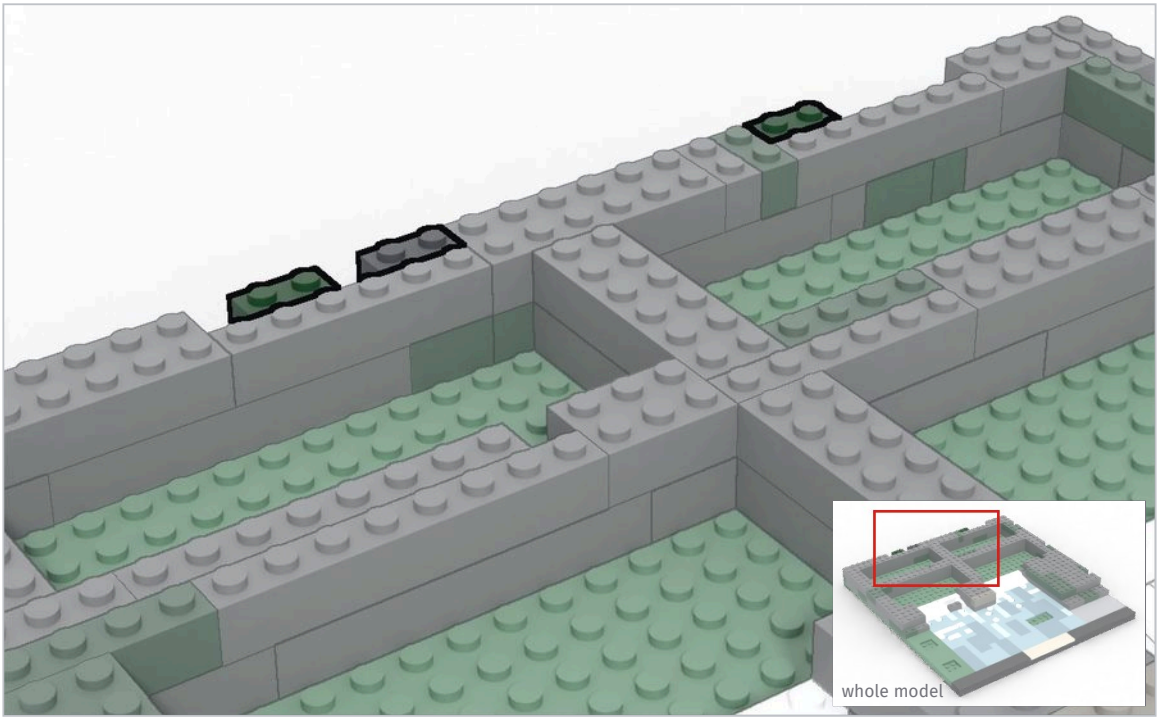
64



1x
Dark grey
(Dark Bluish Grey)



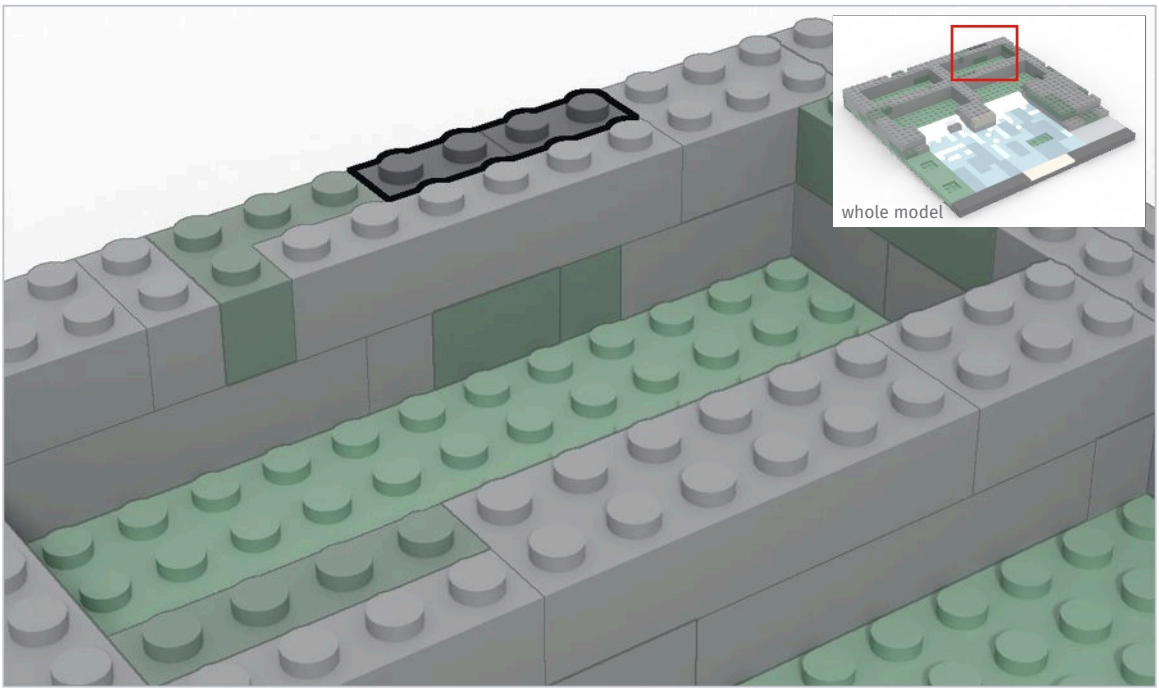
2x
Dark green
(Dark Green)



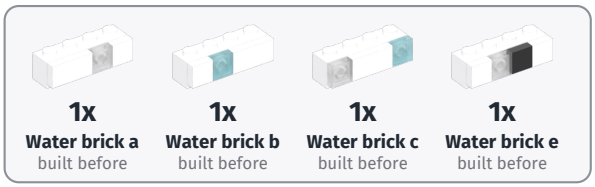
65



2x
Dark grey
(Dark Bluish Grey)



66

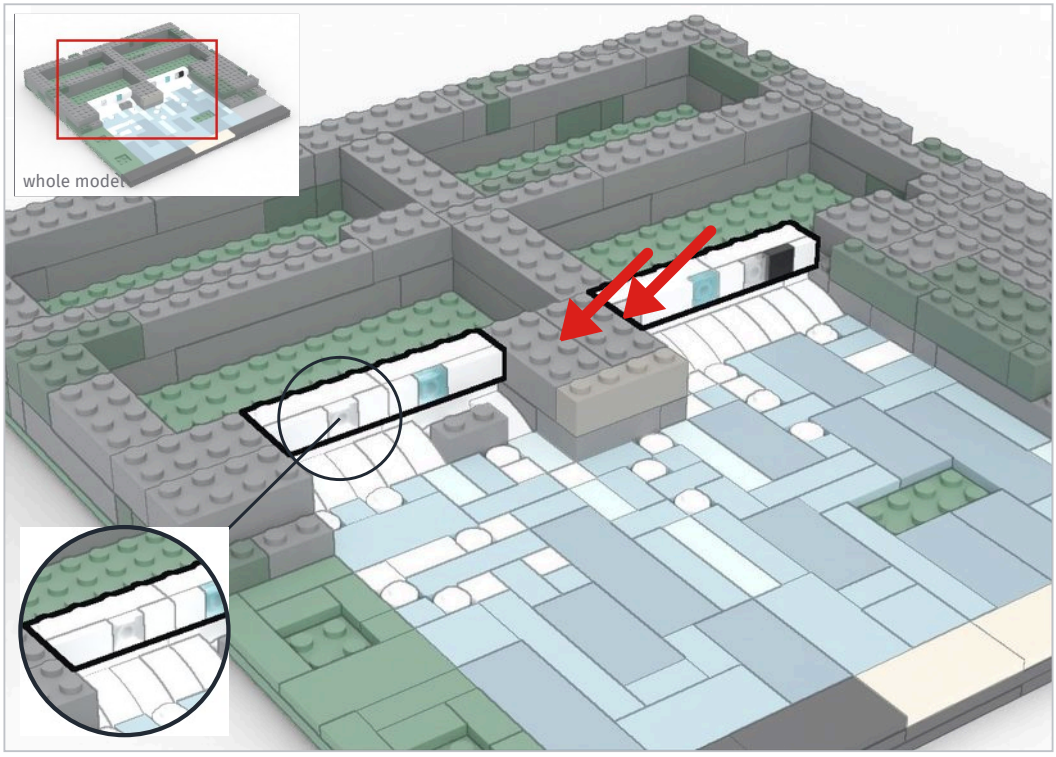


1x **Water brick a** built before

1x **Water brick b** built before

1x **Water brick c** built before

1x **Water brick e** built before



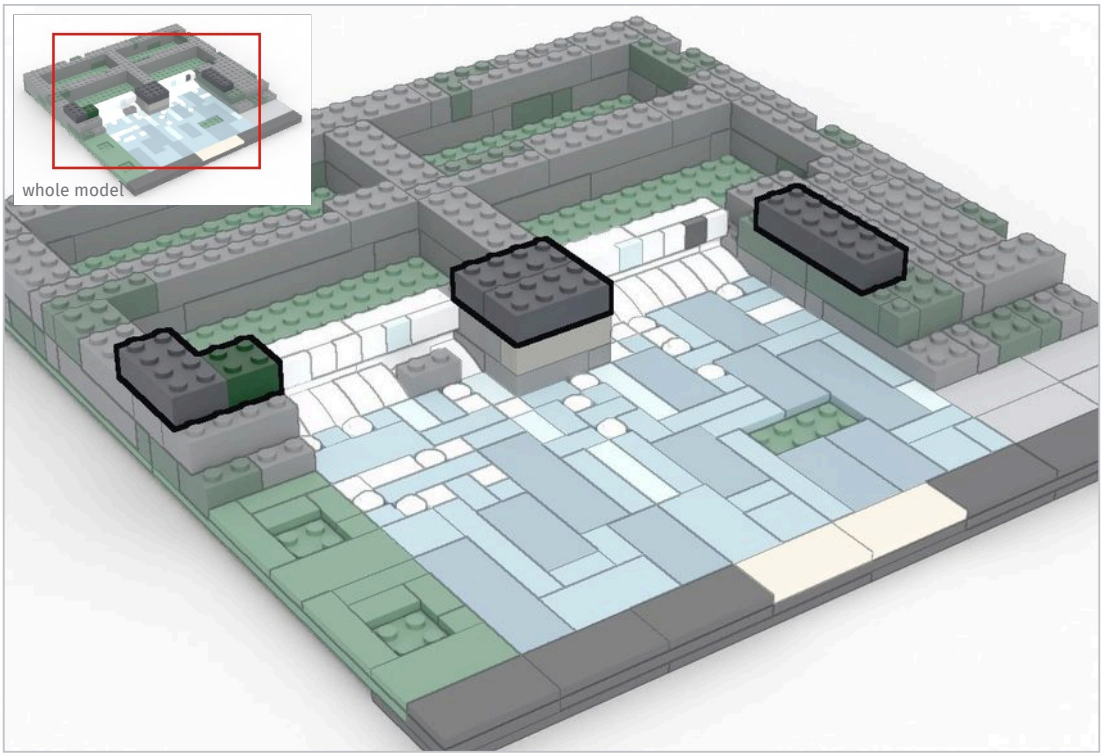
67



1x **Dark grey** (Dark Bluish Grey)

3x **Dark grey** (Dark Bluish Grey)

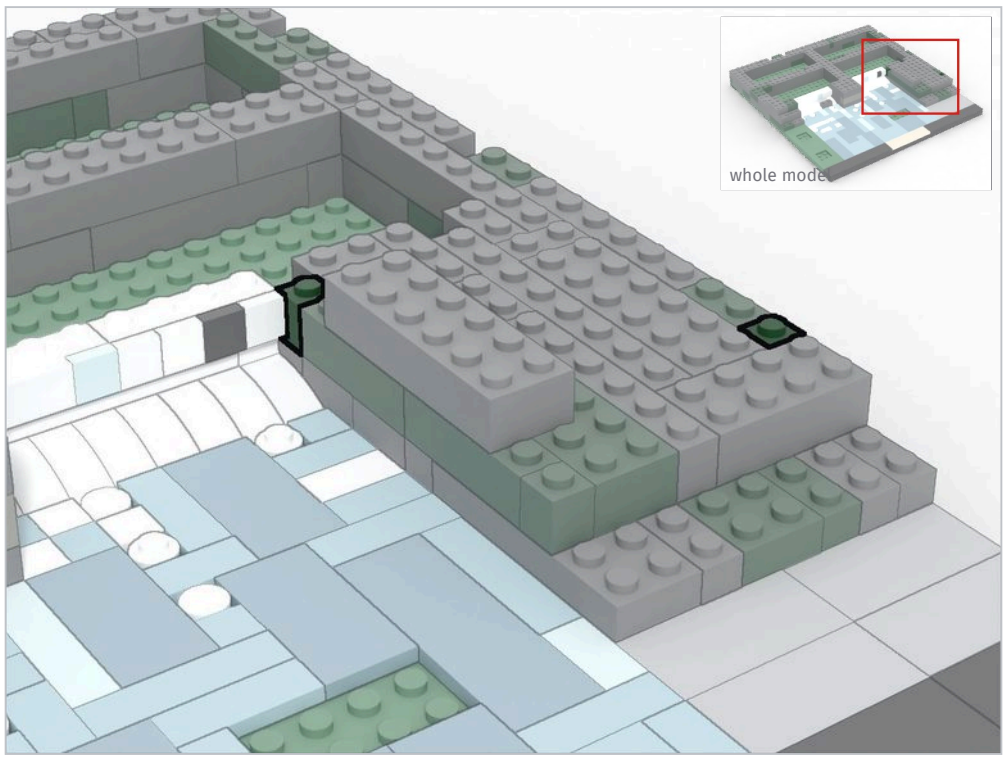
1x **Dark green** (Dark Green)



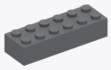
68



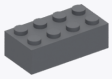
2x
Dark green
(Dark Green)



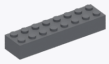
69



2x
Dark grey
(Dark Bluish Grey)



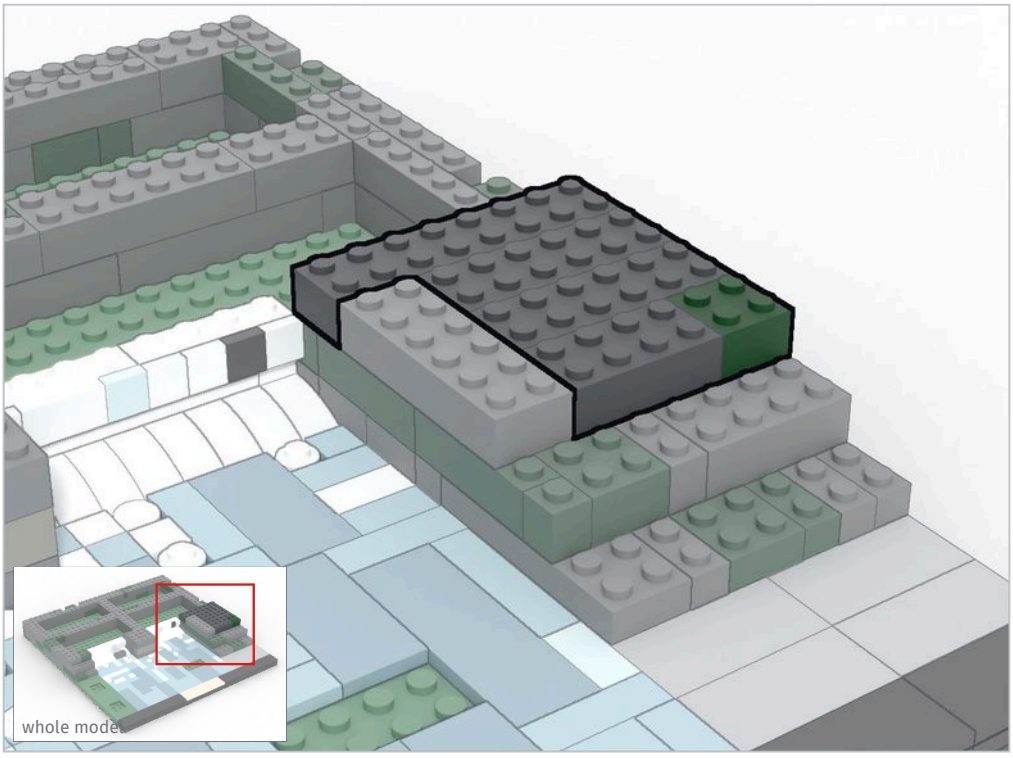
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



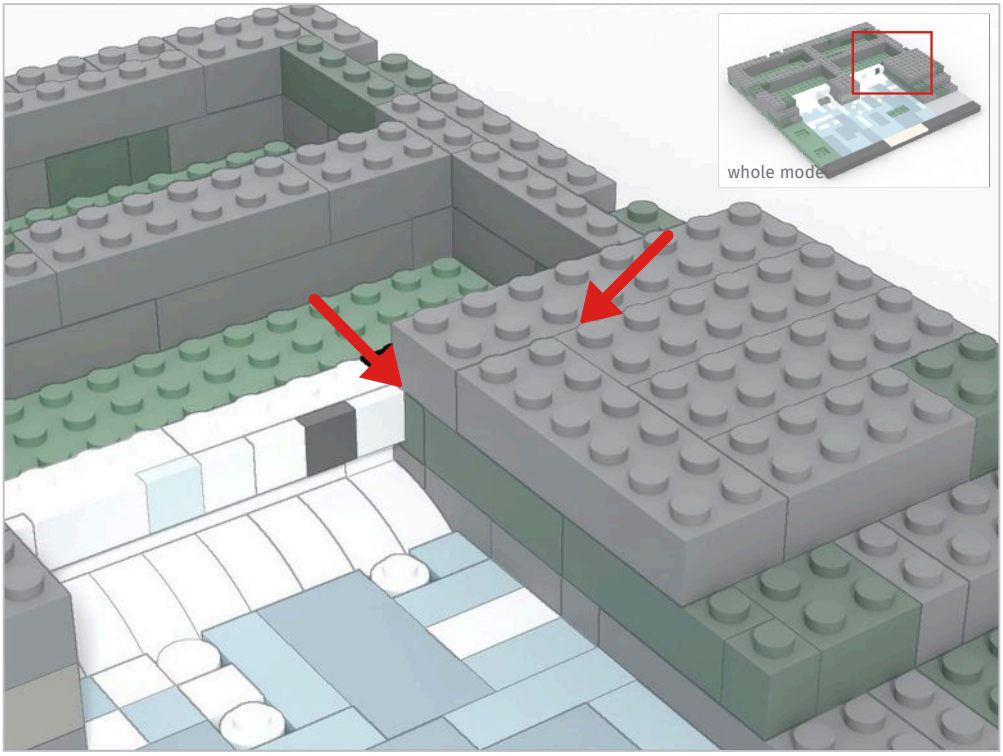
1x
Dark green
(Dark Green)



70



2x
Dark grey
(Dark Bluish Grey)

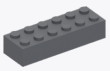


71

1x
White

1x
White

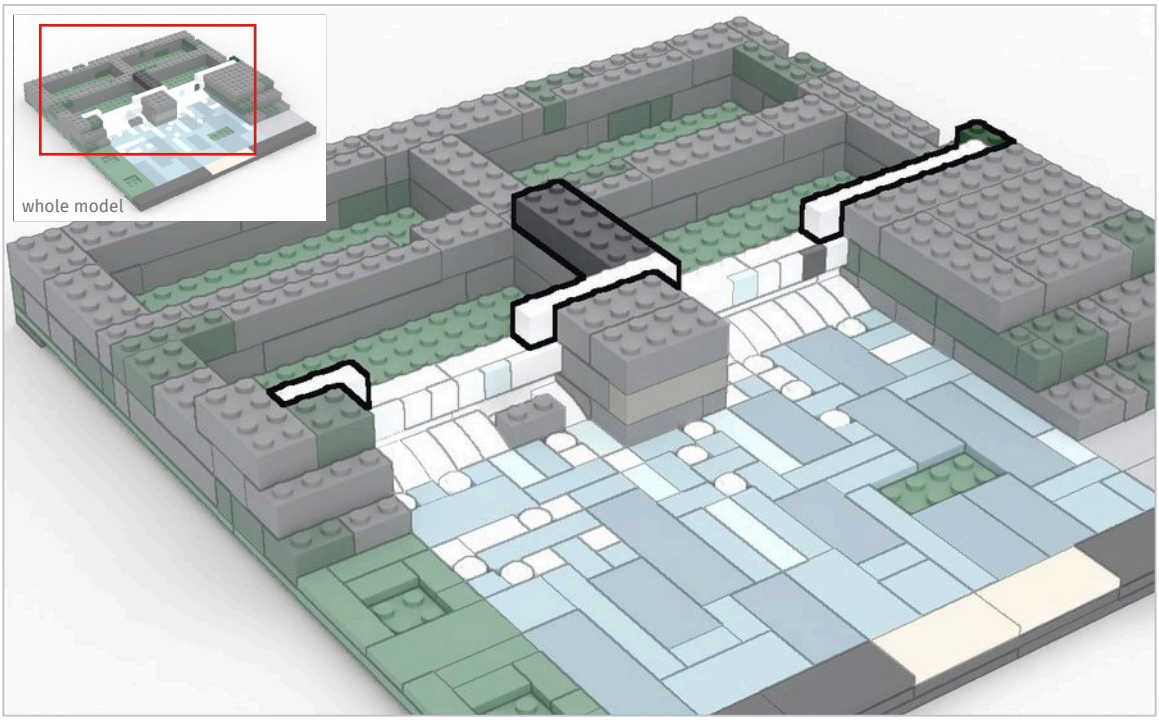
1x
White



1x
Dark grey
(Dark Bluish Grey)

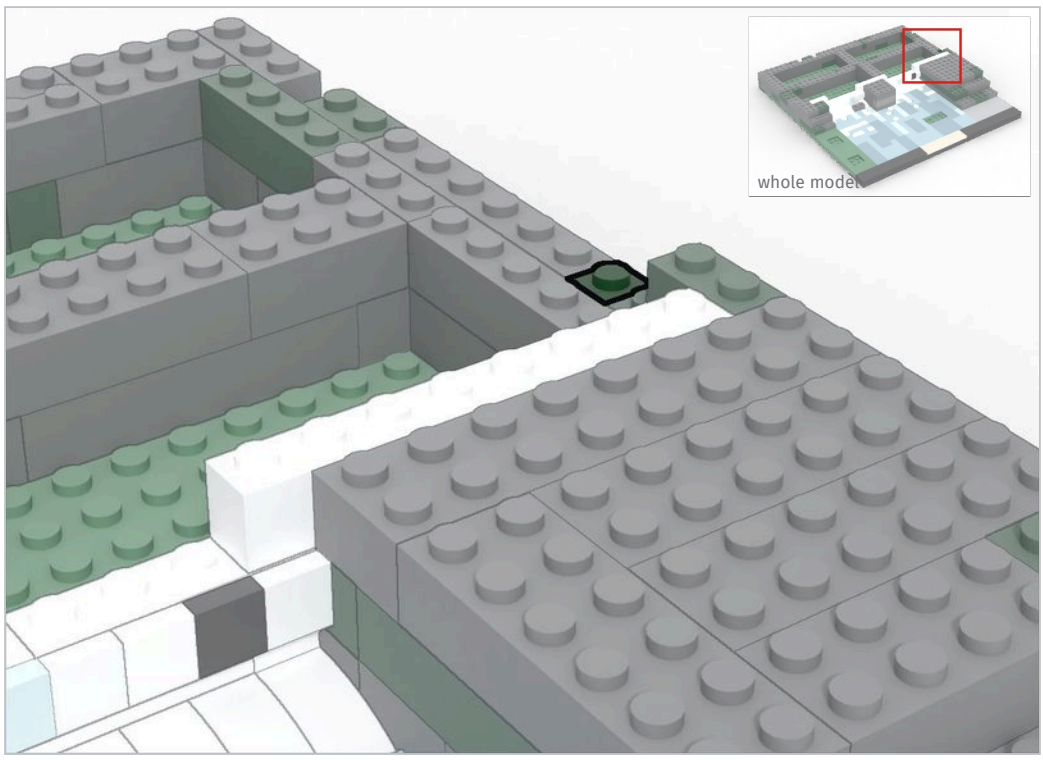


1x
Dark green
(Dark Green)



72

1x
Dark green
(Dark Green)



73



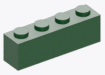
1x
Dark grey
(Dark Bluish Grey)



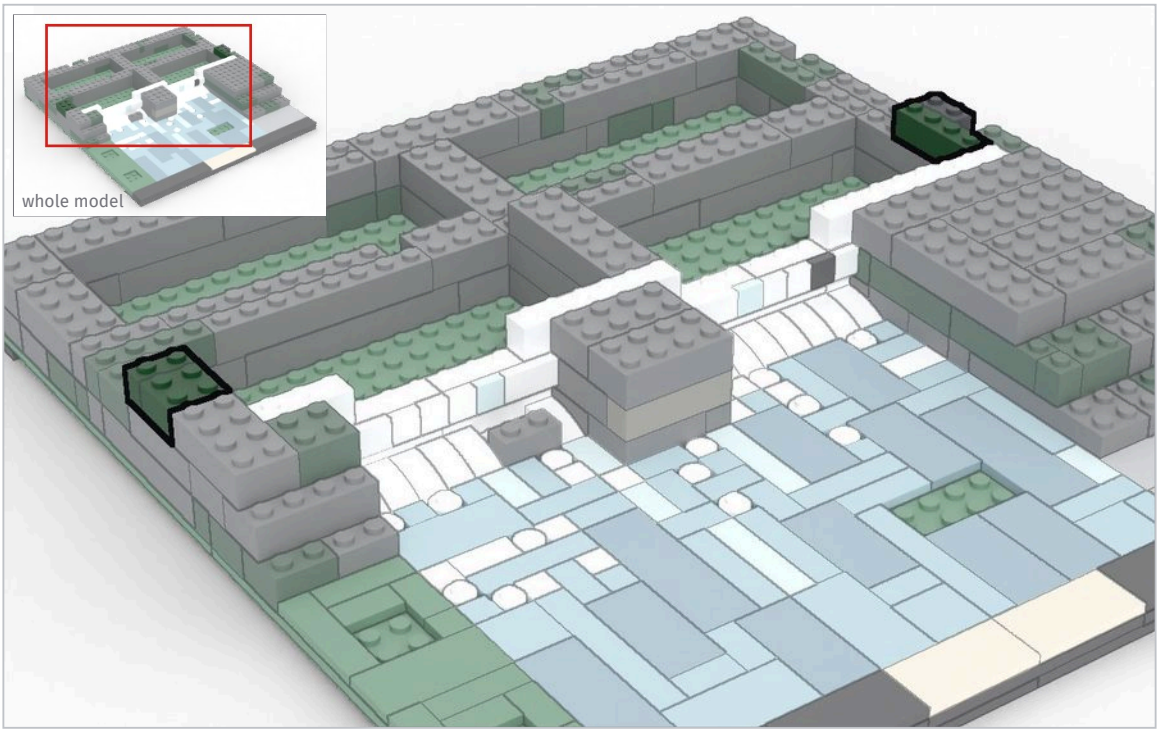
1x
Dark green
(Dark Green)



1x
Dark green
(Dark Green)



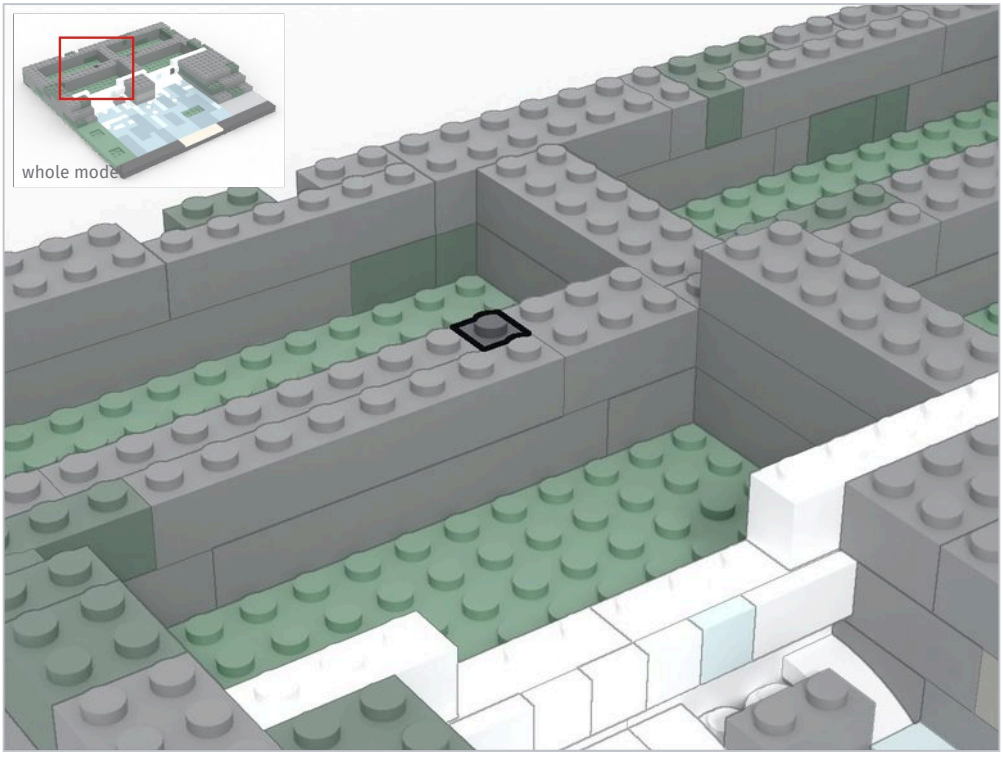
1x
Dark green
(Dark Green)



74



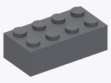
1x
Dark grey
(Dark Bluish Grey)



75



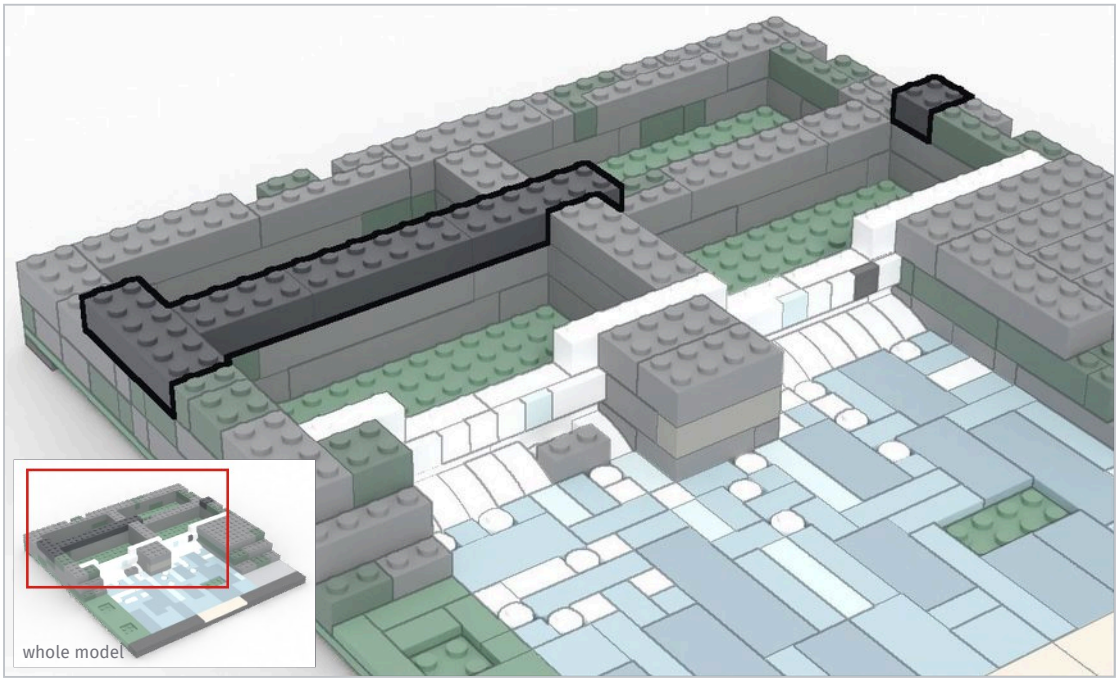
3x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)

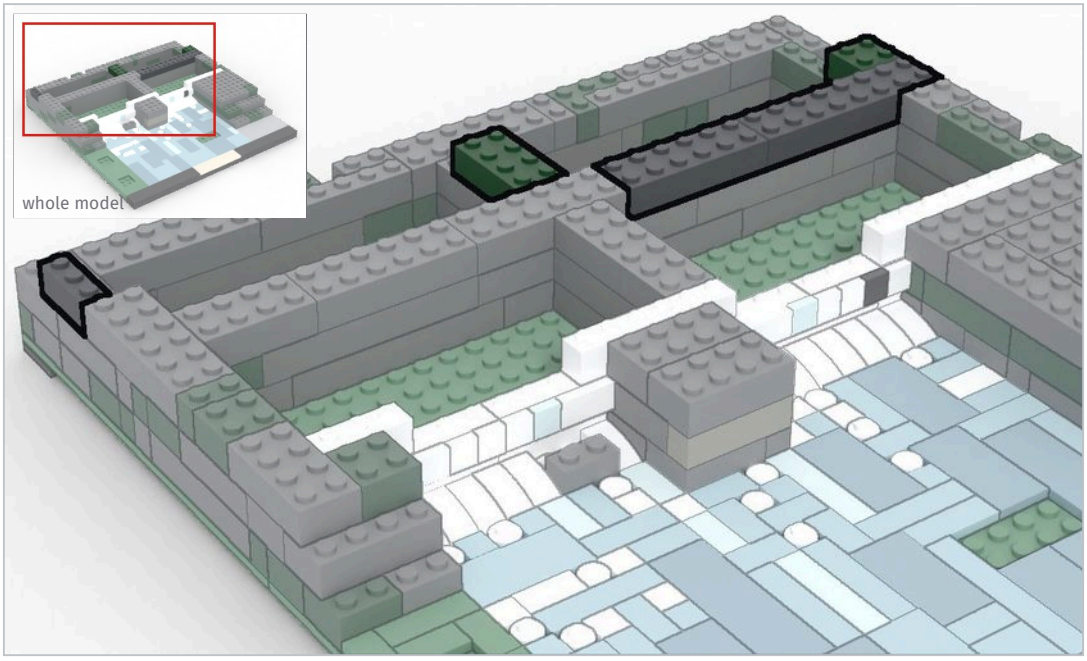


1x
Dark grey
(Dark Bluish Grey)

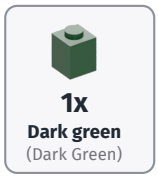


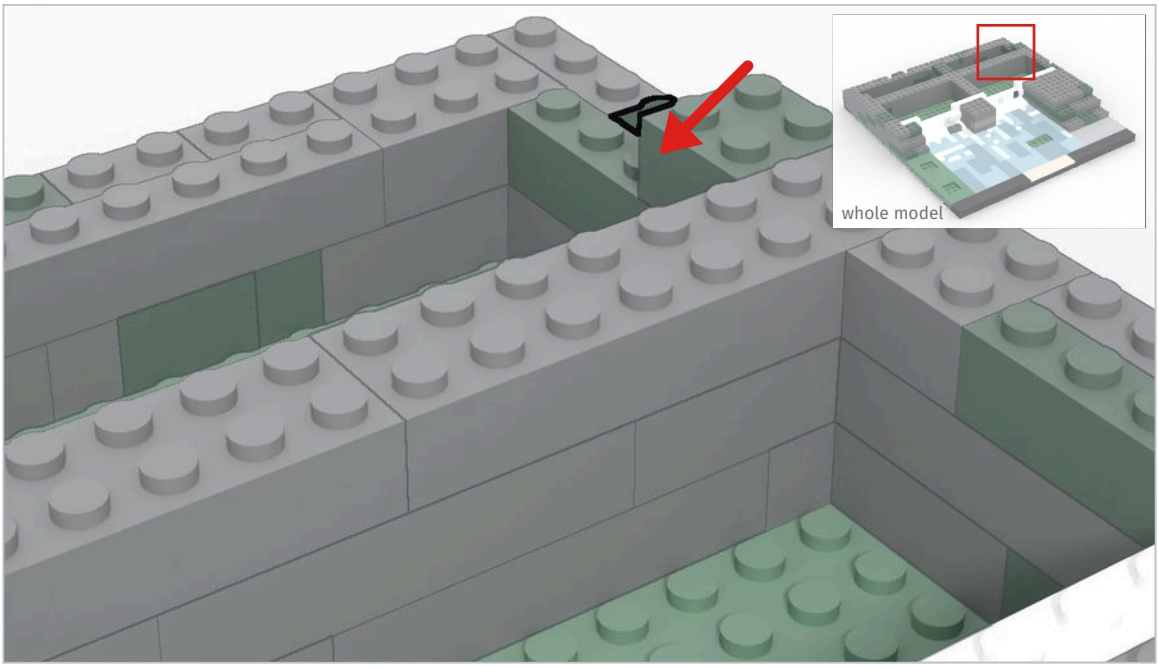
76


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)

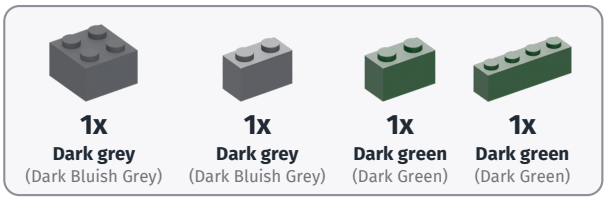

whole model

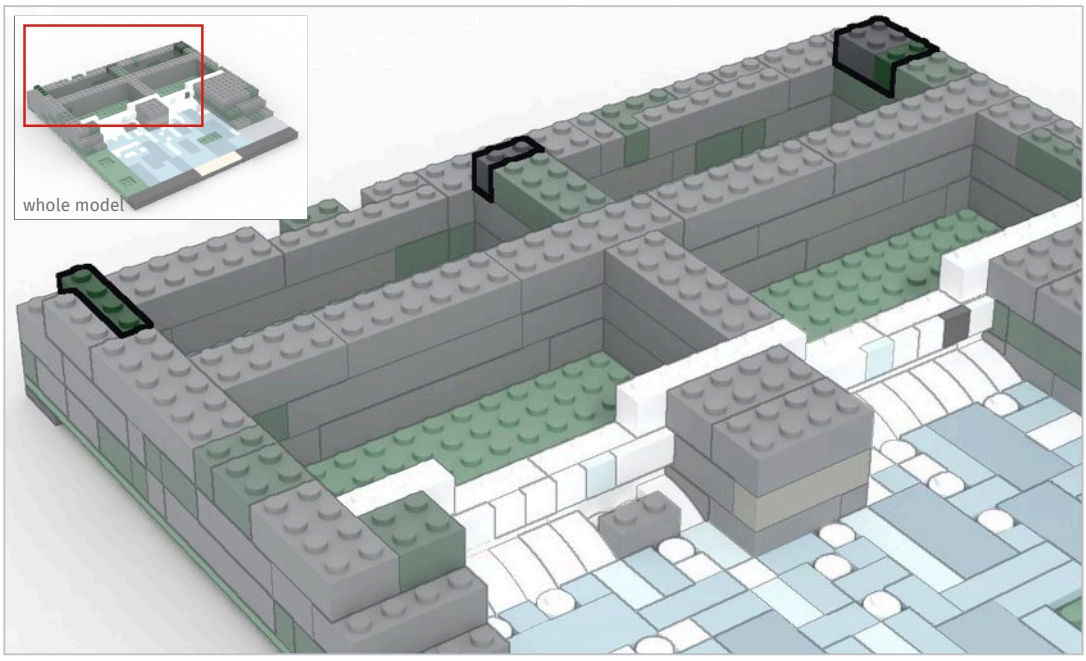
77


1x
Dark green
(Dark Green)


whole model

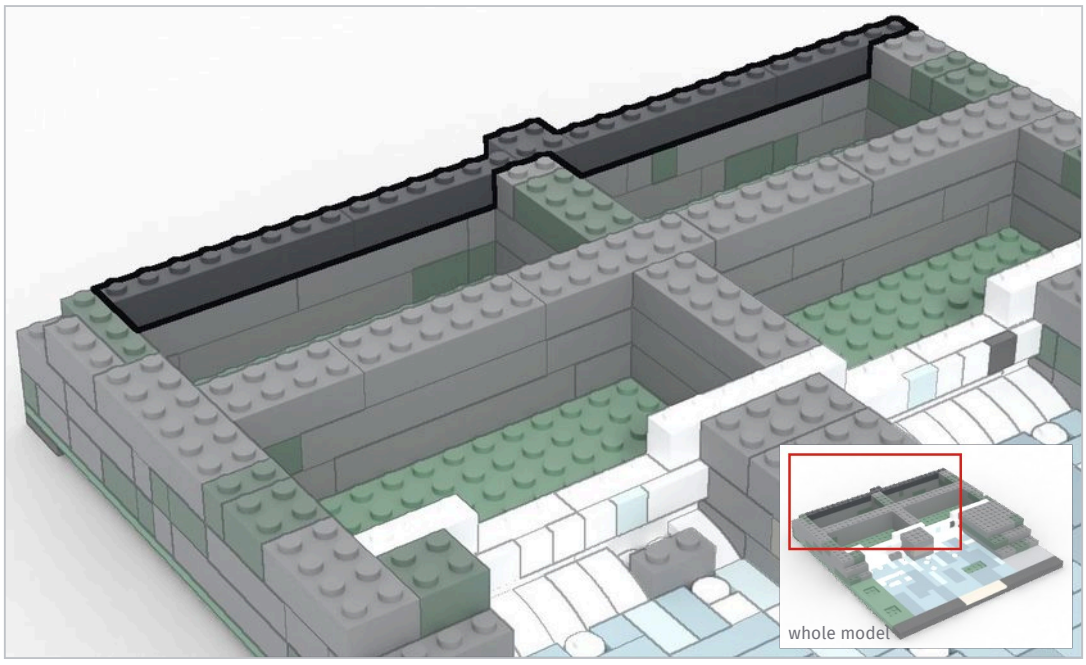
78


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)


whole model

79

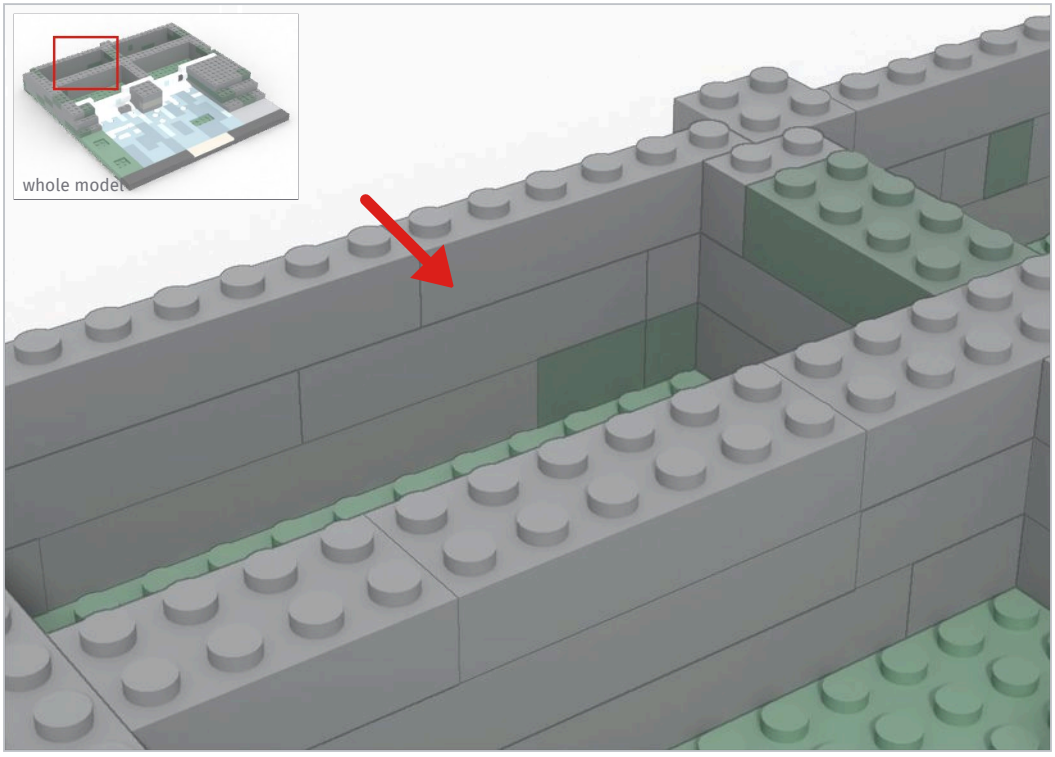

1x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)


whole model

80



1x
Dark green
(Dark Green)



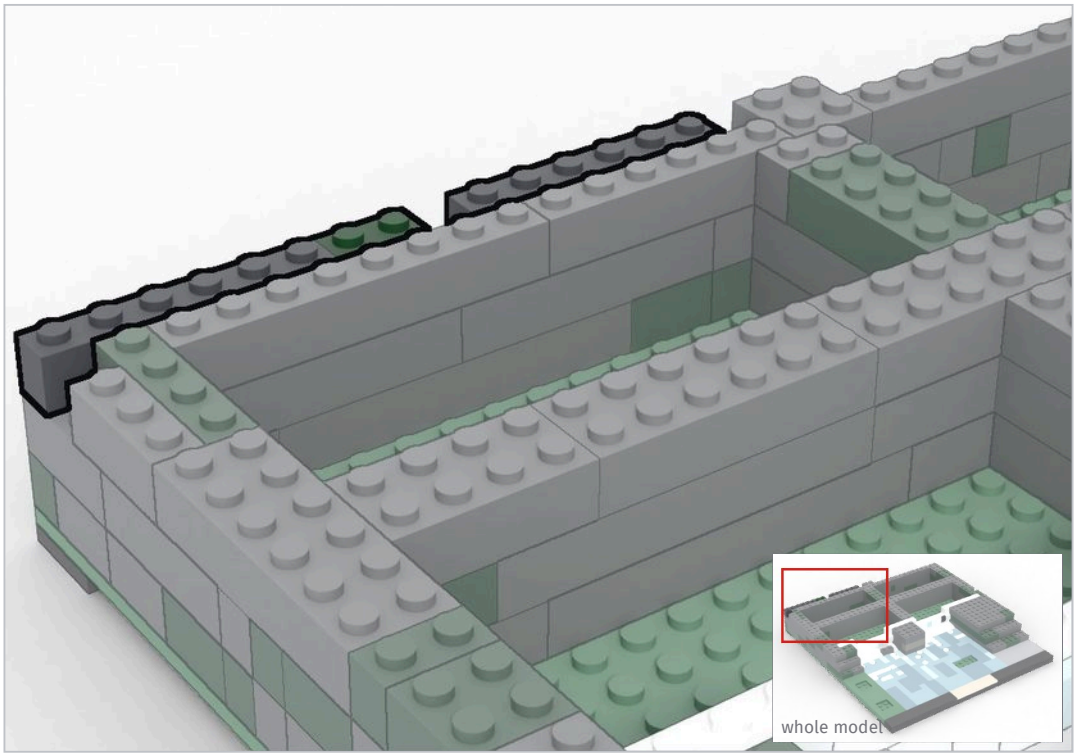
81



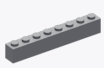
2x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



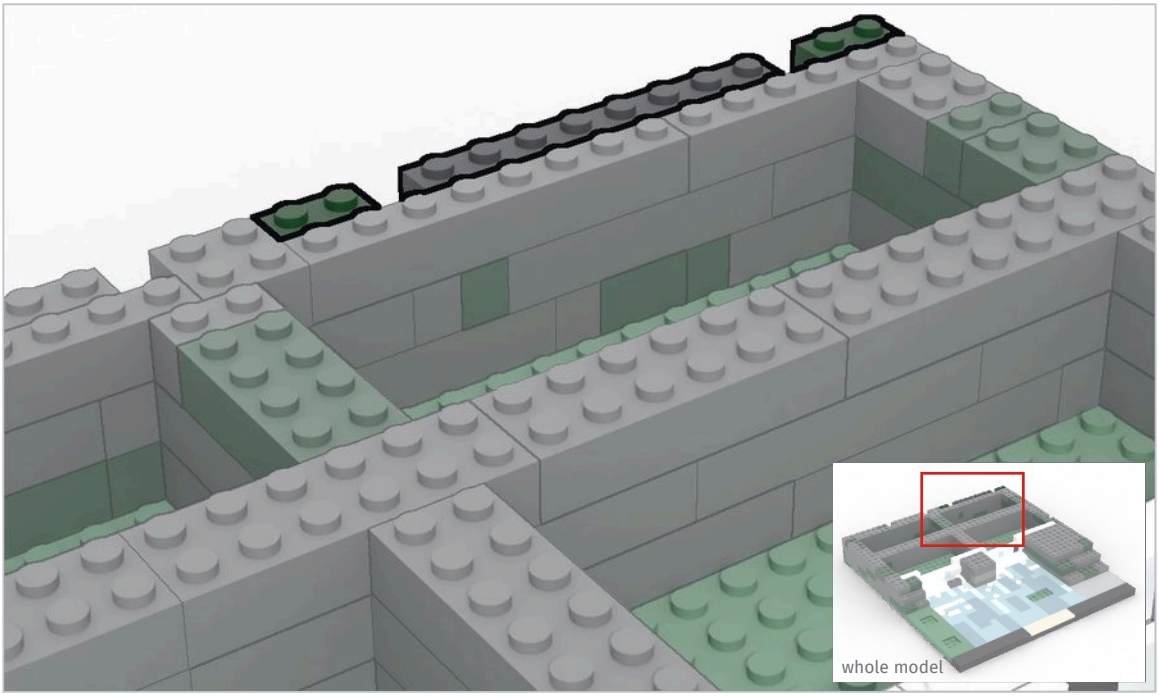
82



1x
Dark grey
(Dark Bluish Grey)



2x
Dark green
(Dark Green)



83

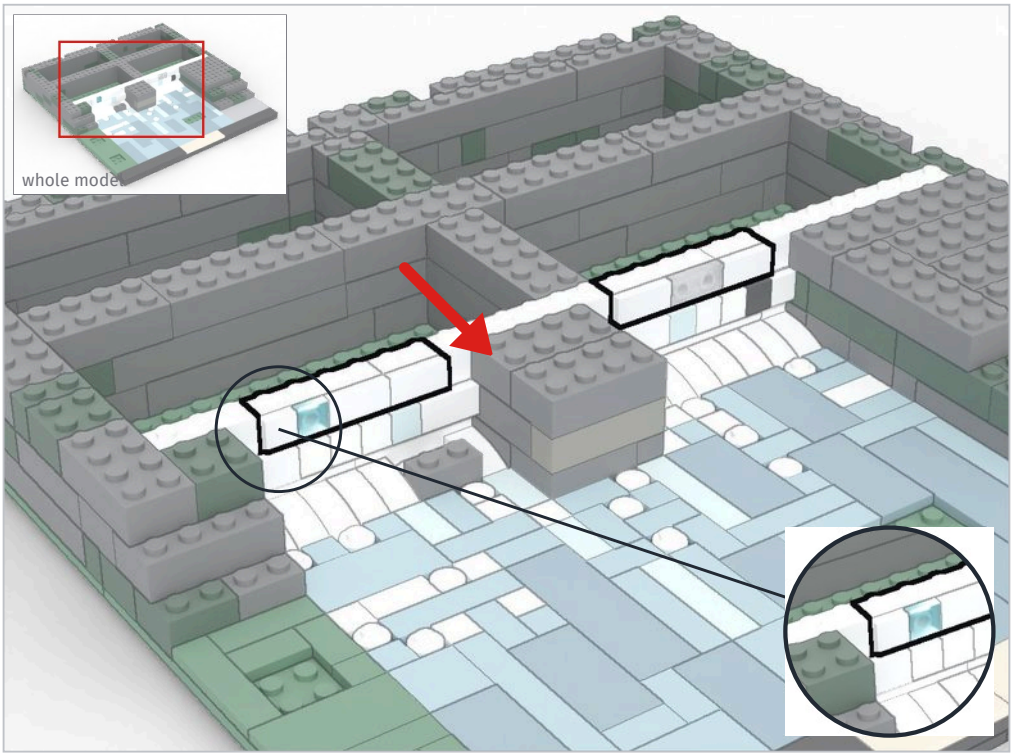


1x
Water brick b
built before

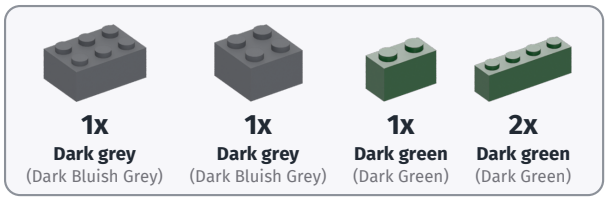


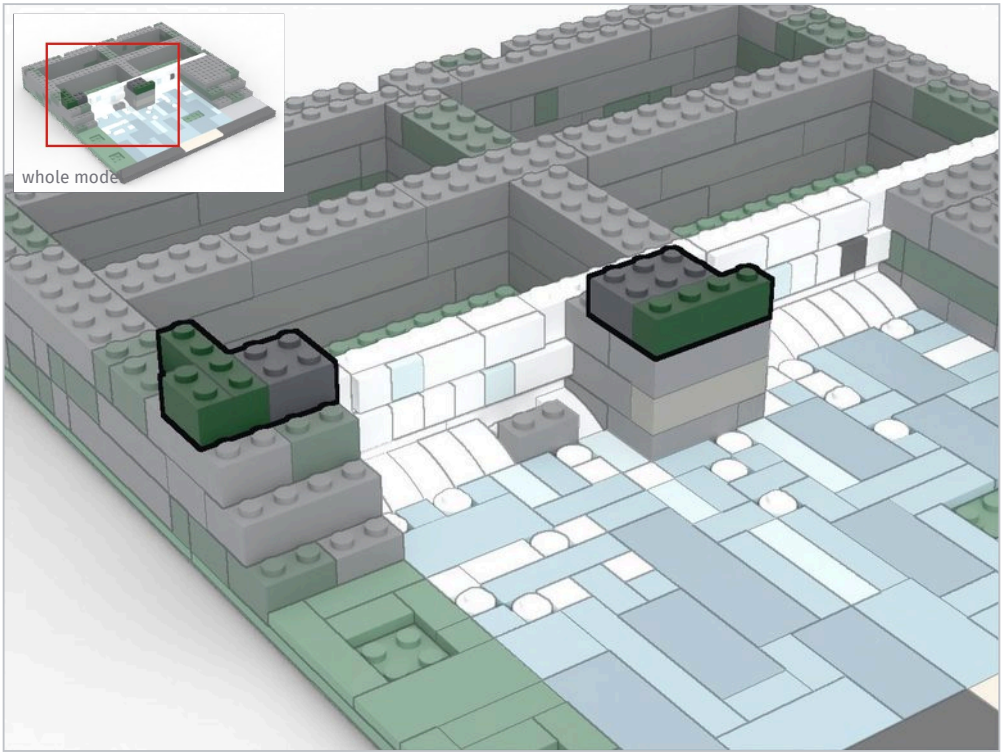
1x
Water brick d
built before

2x
Water brick f
built before



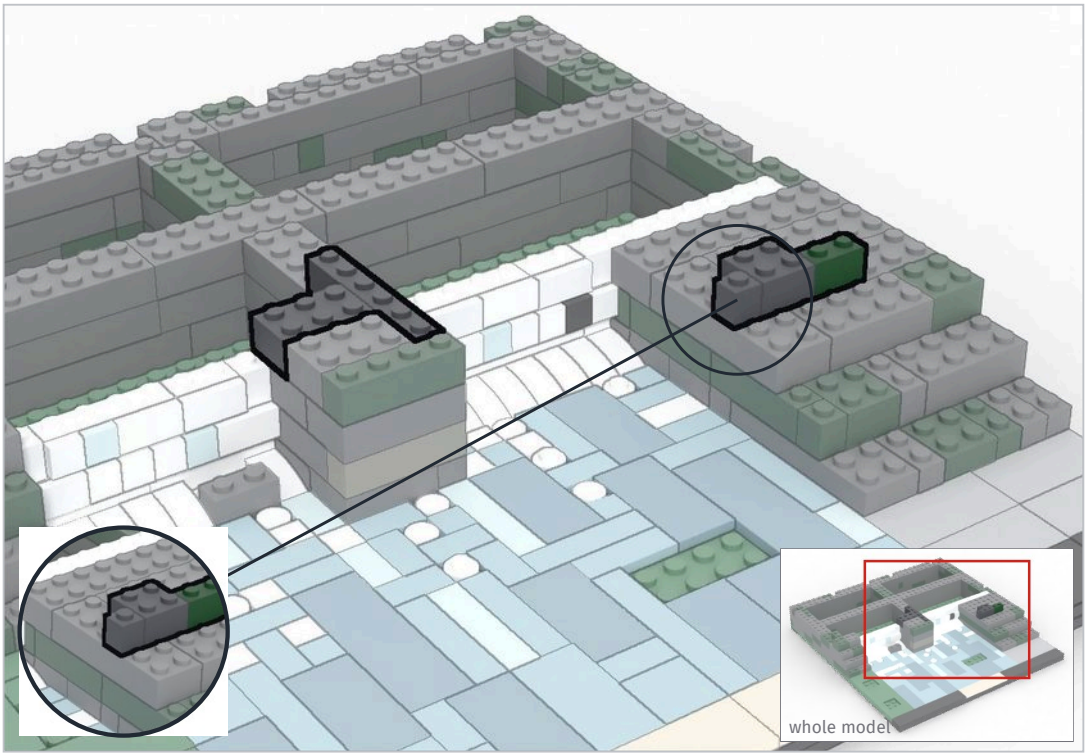
84


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
2x
Dark green
(Dark Green)


whole model

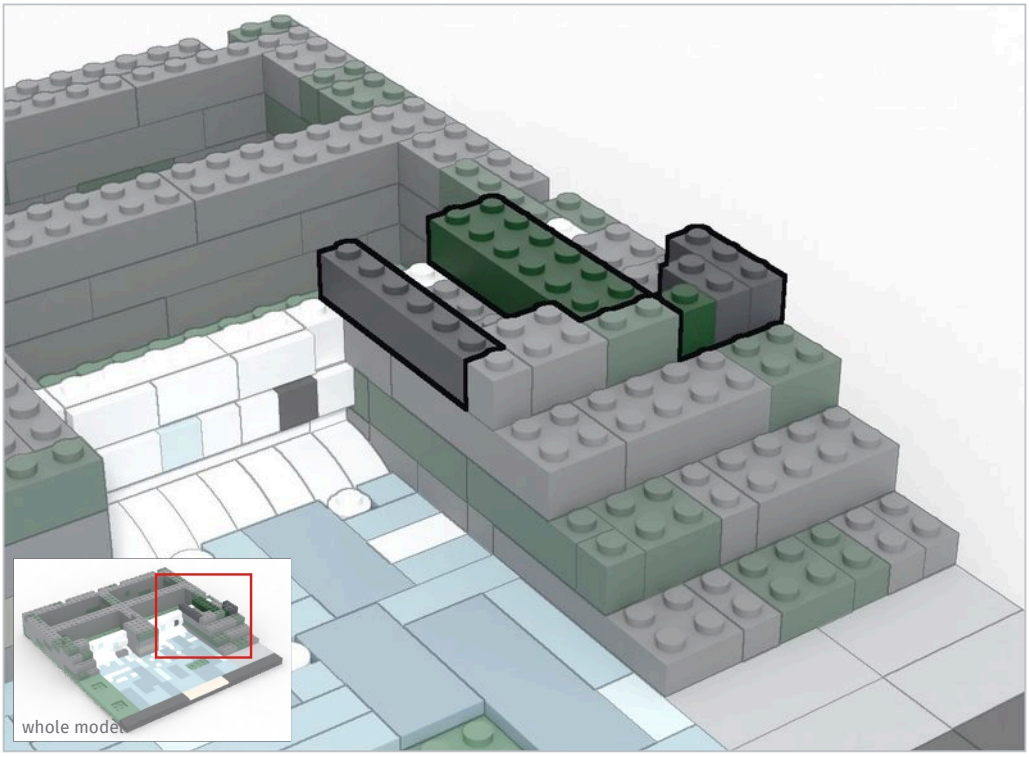
85


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)

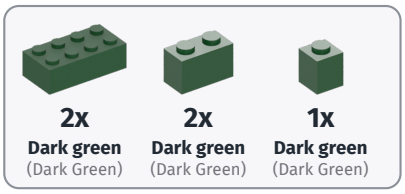

whole model

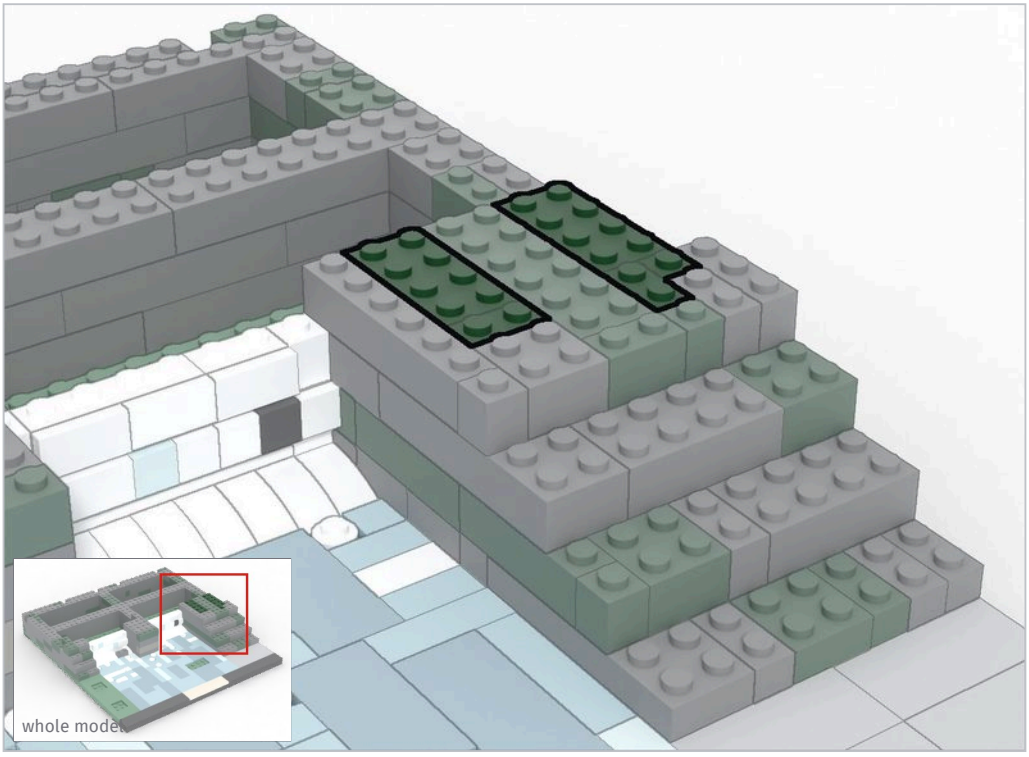
86


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)


whole model

87


2x
Dark green
(Dark Green)
2x
Dark green
(Dark Green)
1x
Dark green
(Dark Green)


whole model

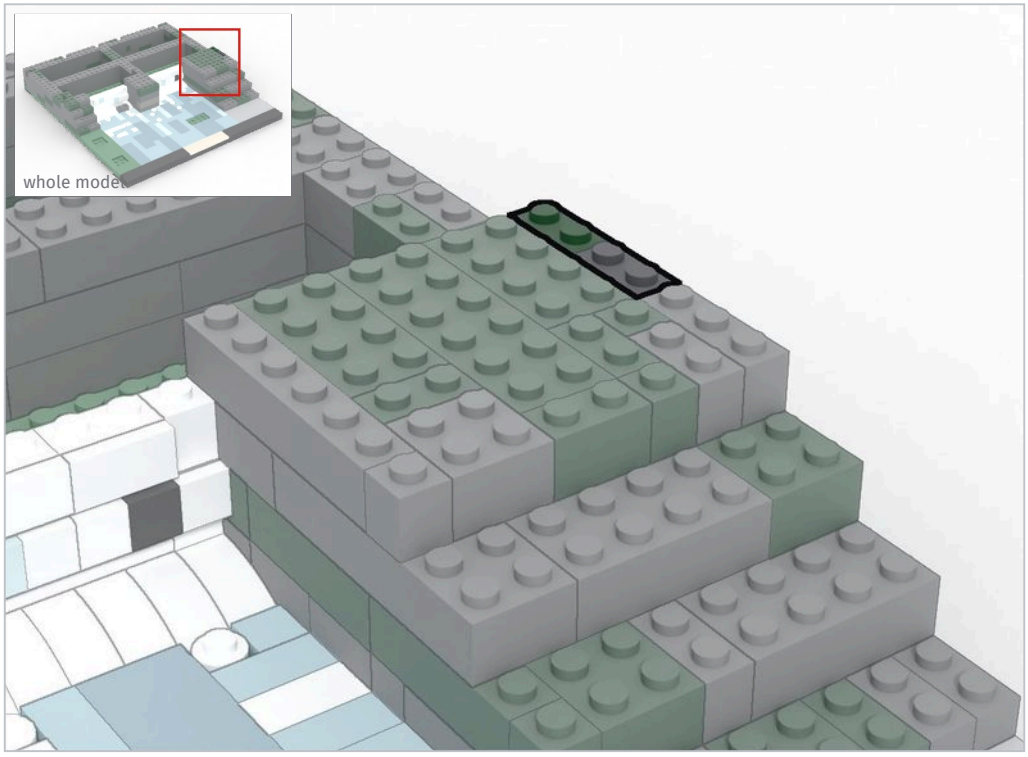
88



1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



89



1x
Water brick a
built before



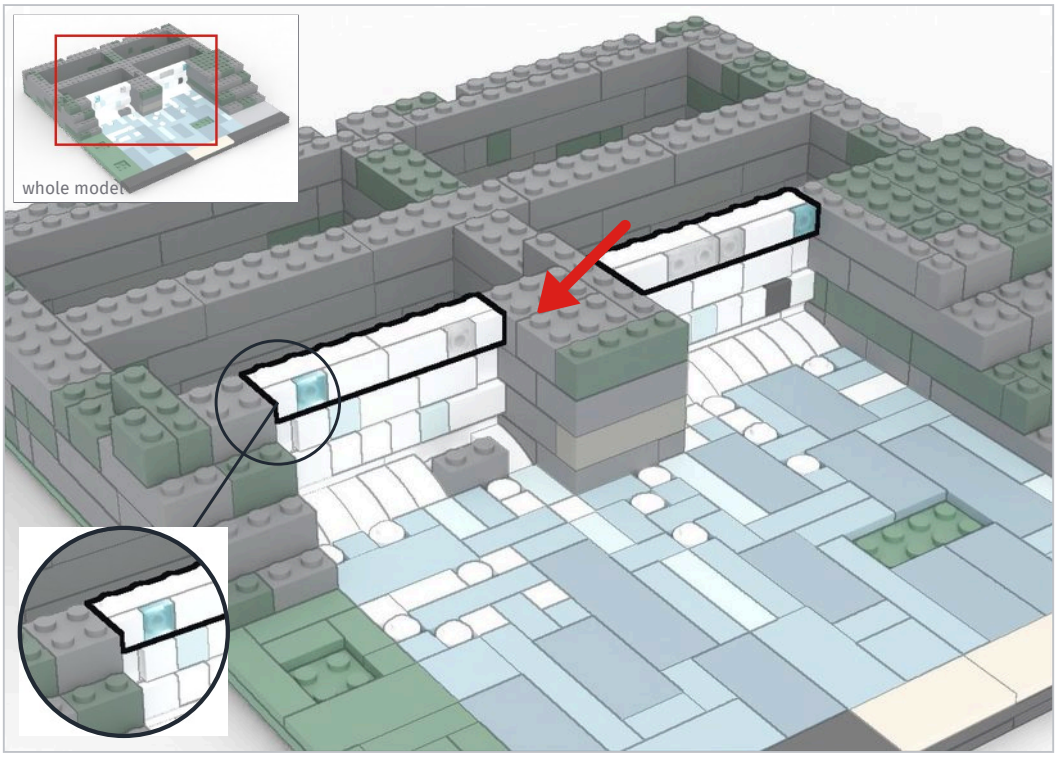
1x
Water brick b
built before



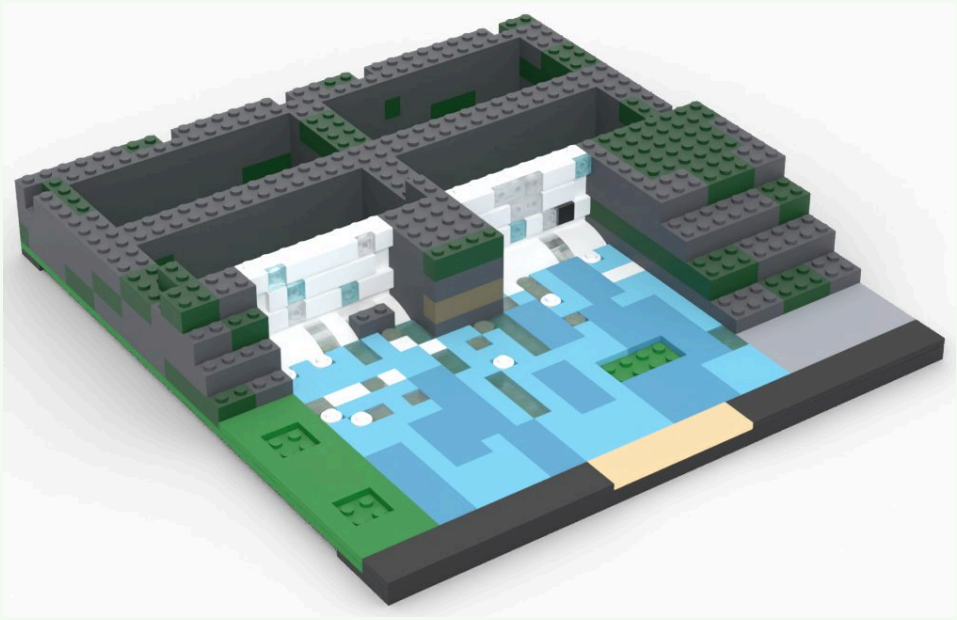
1x
Water brick c
built before



1x
Water brick d
built before



Chapter 3 done



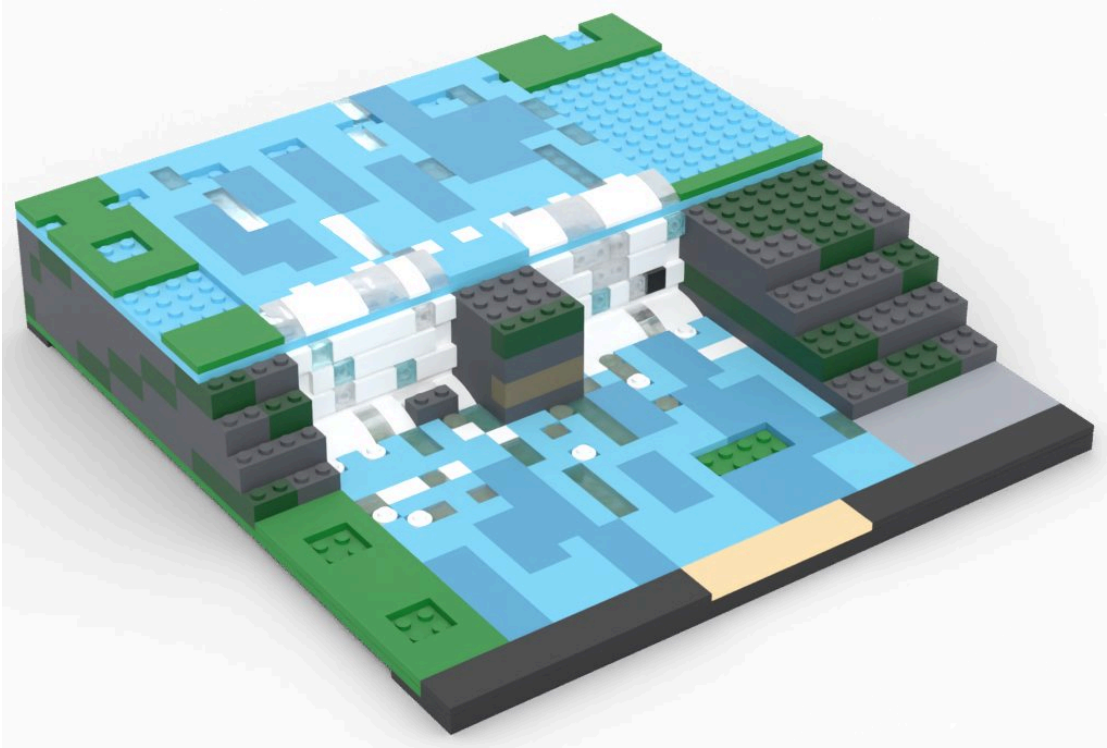
A good place to stop. Next time, start with chapter 4: The river above the falls.

Chapter 4

The river above the falls

Steps 90–126 · 153 pieces

You'll need bowls 1, 2, 3, 5, 7, 8, 10, 11 and 12



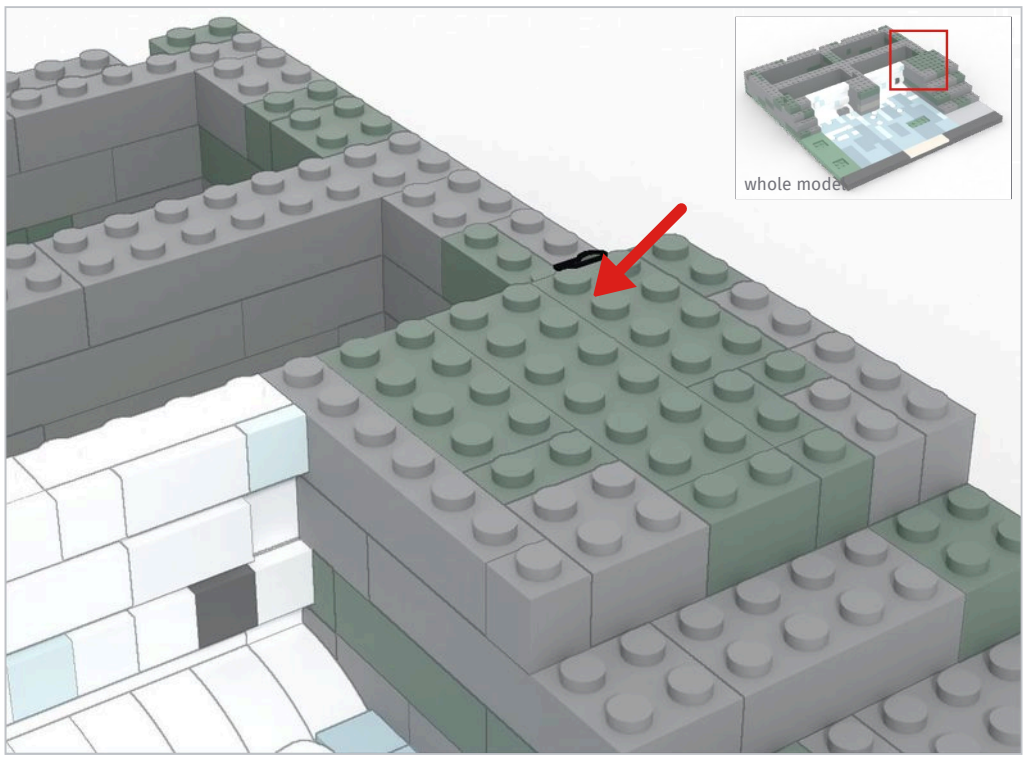
Parts in this chapter (the circle: its bowl)



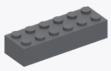
90



1x
Dark green
(Dark Green)



91



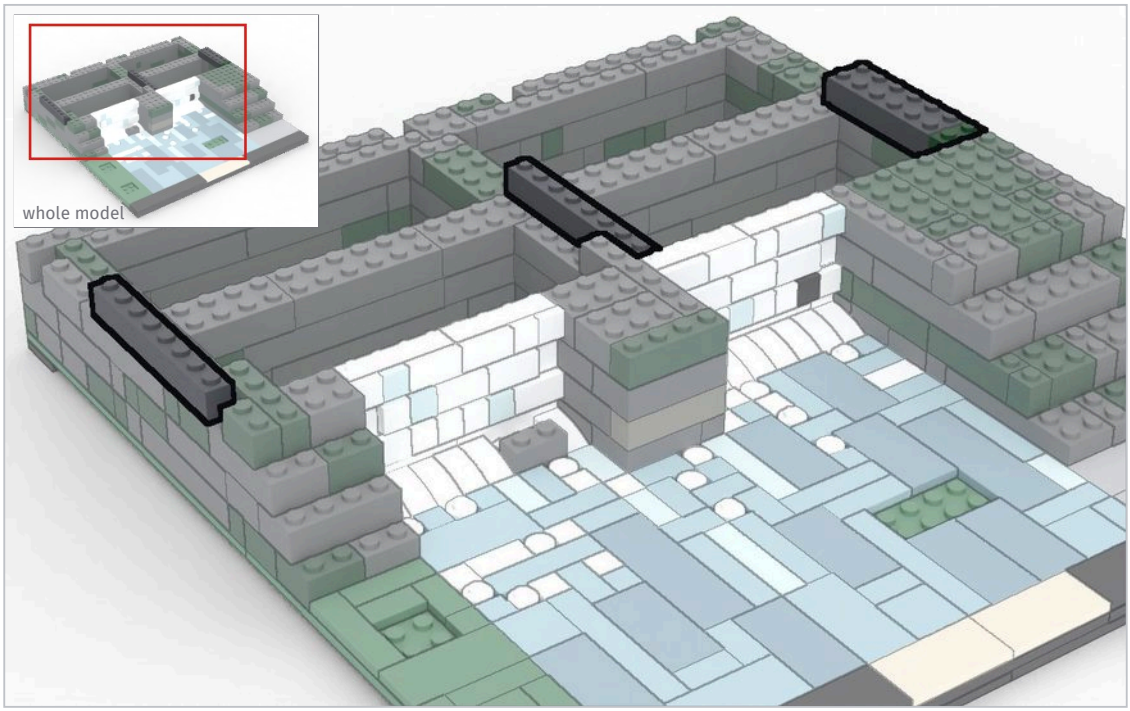
1x
Dark grey
(Dark Bluish Grey)



2x
Dark grey
(Dark Bluish Grey)



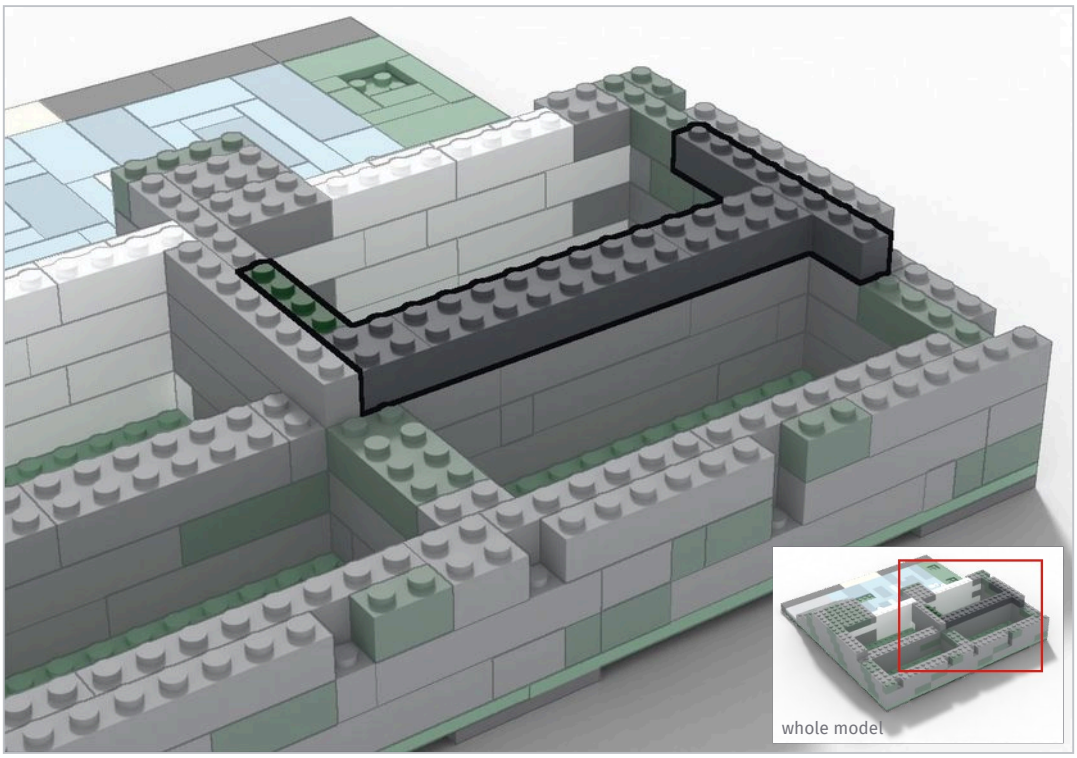
1x
Dark green
(Dark Green)



92

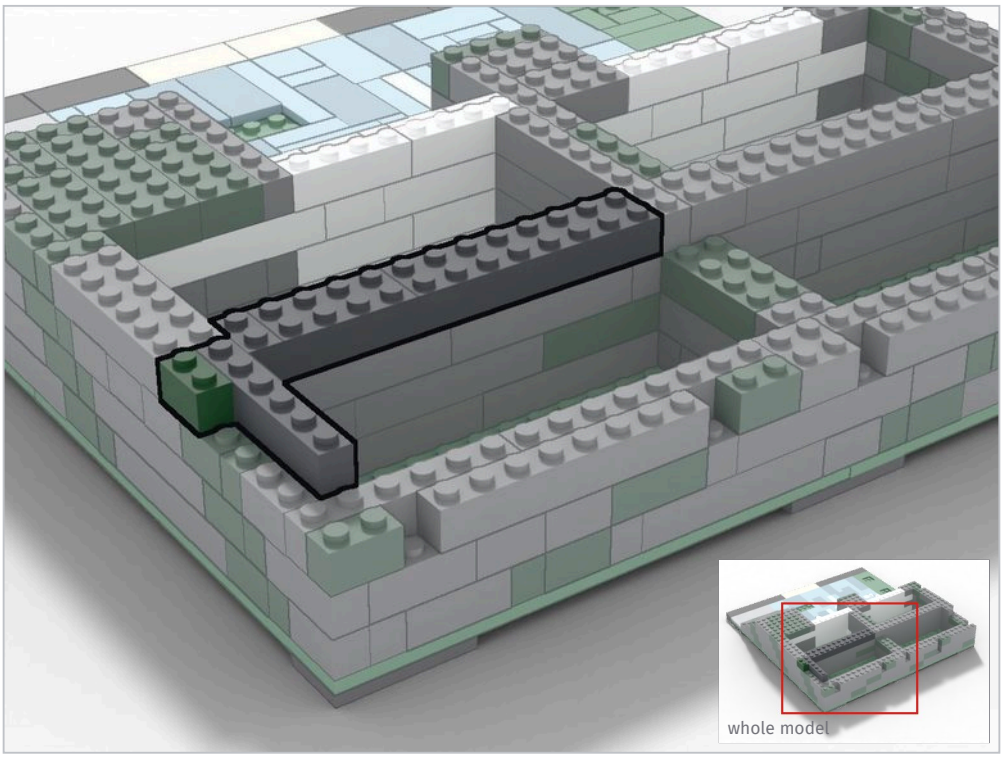


turn the model

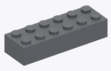


93

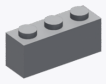




94



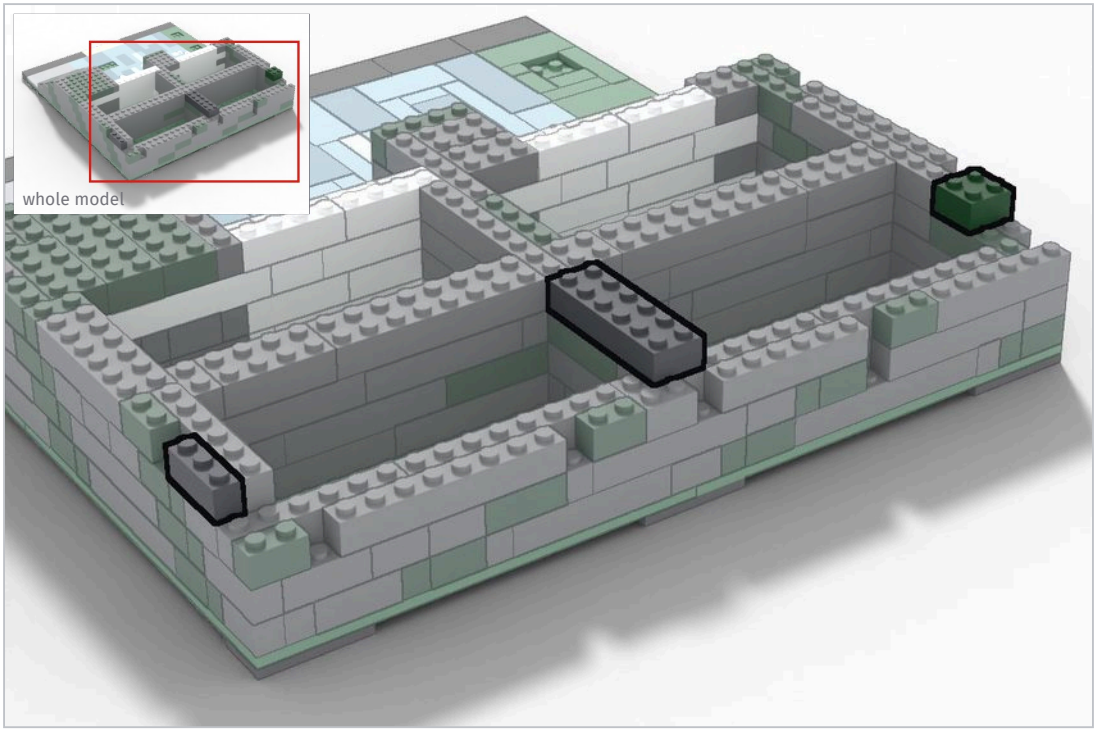
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



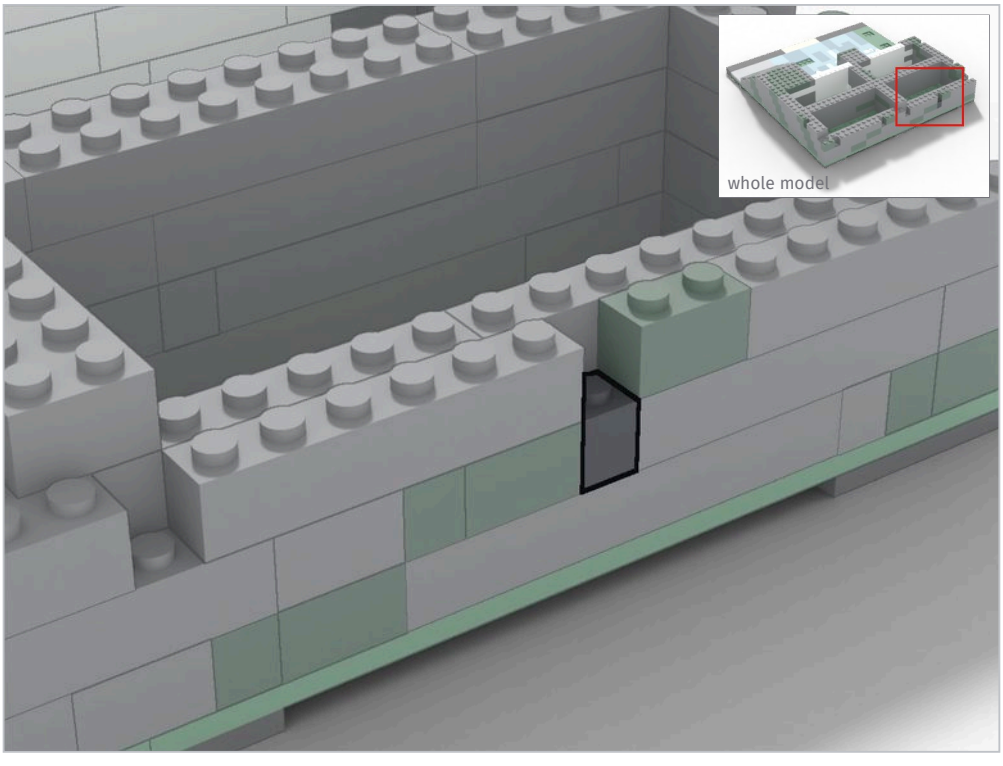
1x
Dark green
(Dark Green)



95



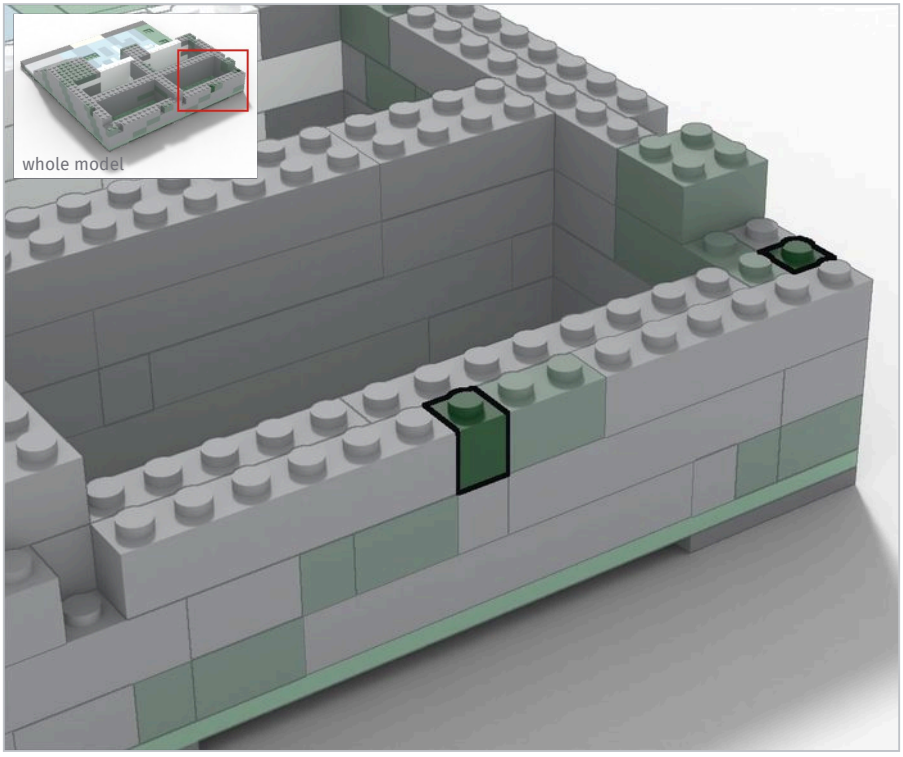
1x
Dark grey
(Dark Bluish Grey)



96



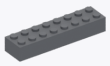
2x
Dark green
(Dark Green)



97



1x
Dark grey
(Dark Bluish Grey)



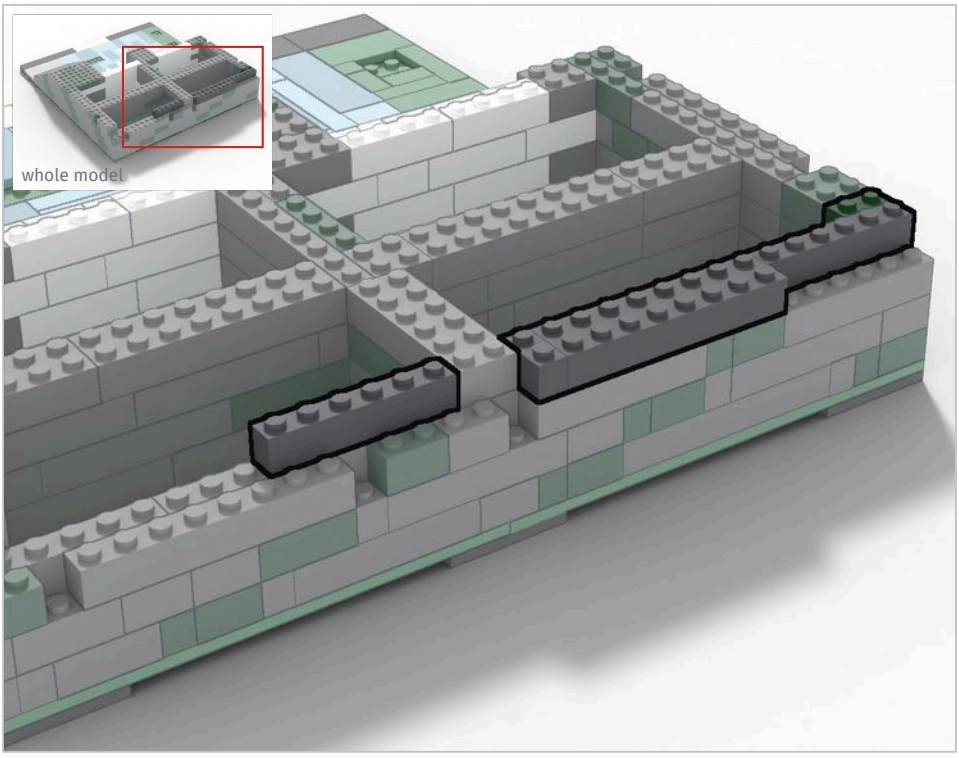
1x
Dark grey
(Dark Bluish Grey)



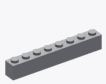
2x
Dark grey
(Dark Bluish Grey)



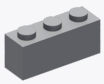
1x
Dark green
(Dark Green)



98



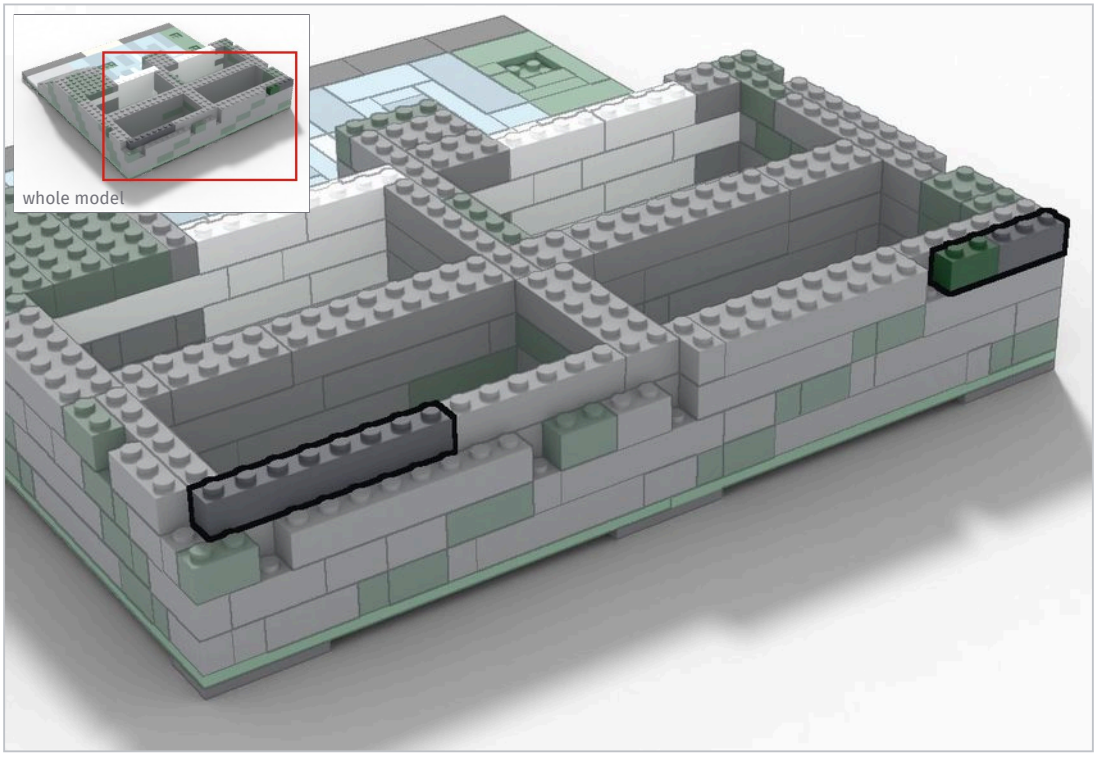
1x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



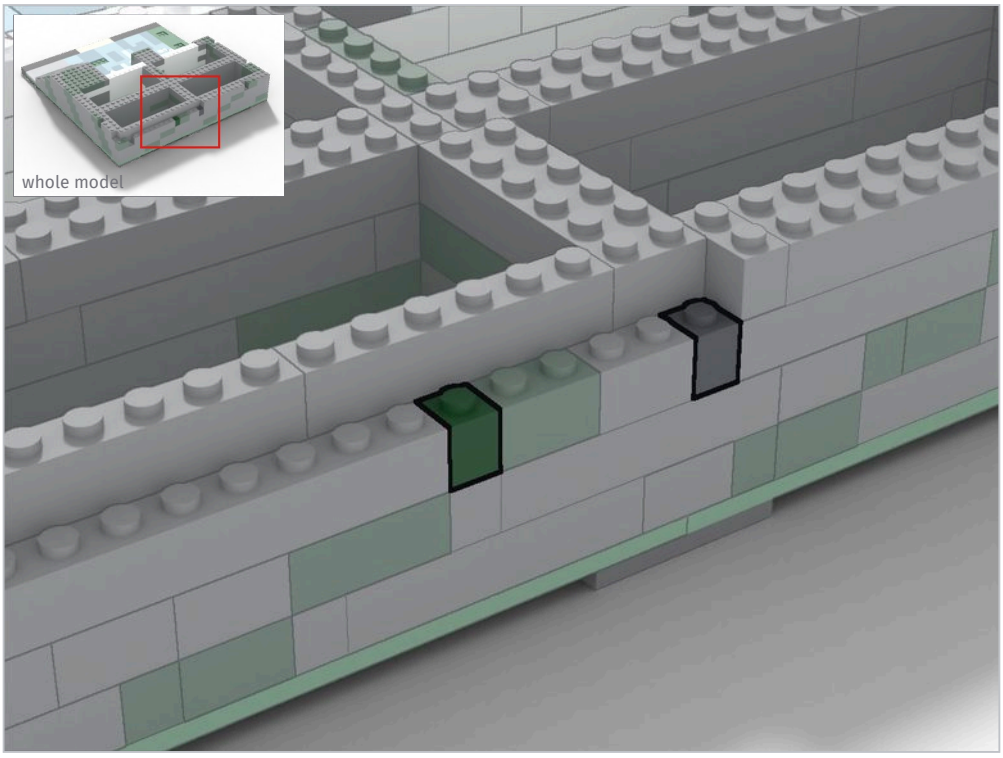
99



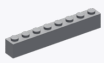
1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



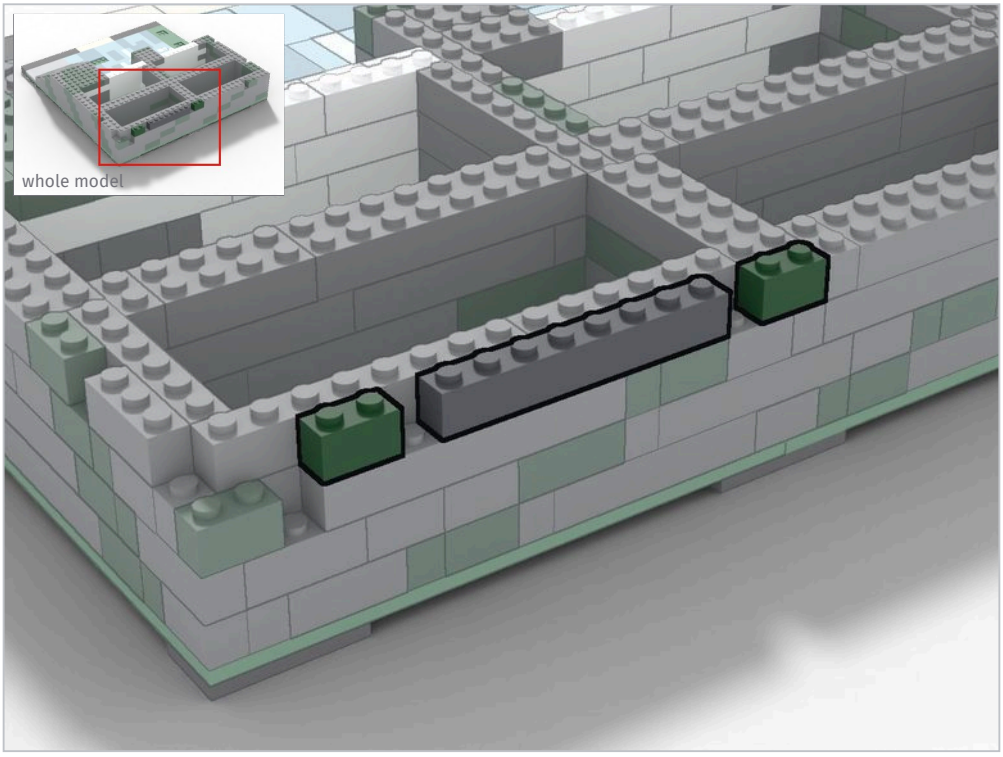
100



1x
Dark grey
(Dark Bluish Grey)



2x
Dark green
(Dark Green)



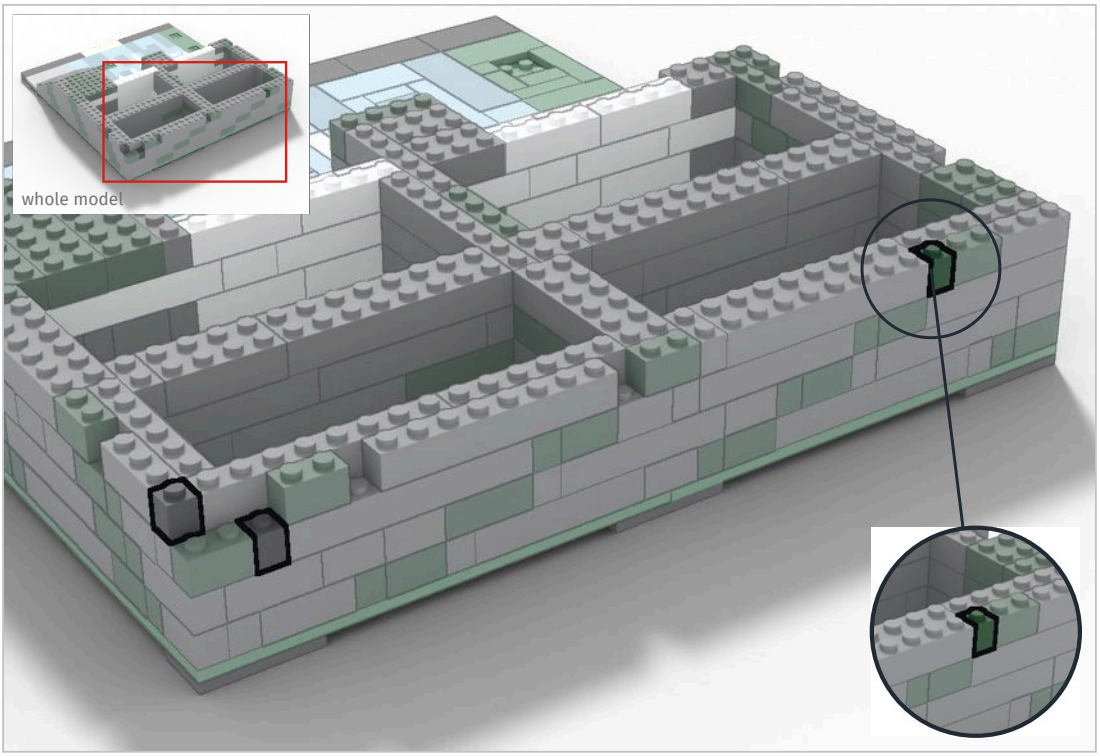
101



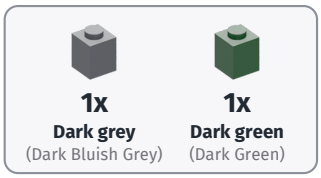
2x
Dark grey
(Dark Bluish Grey)

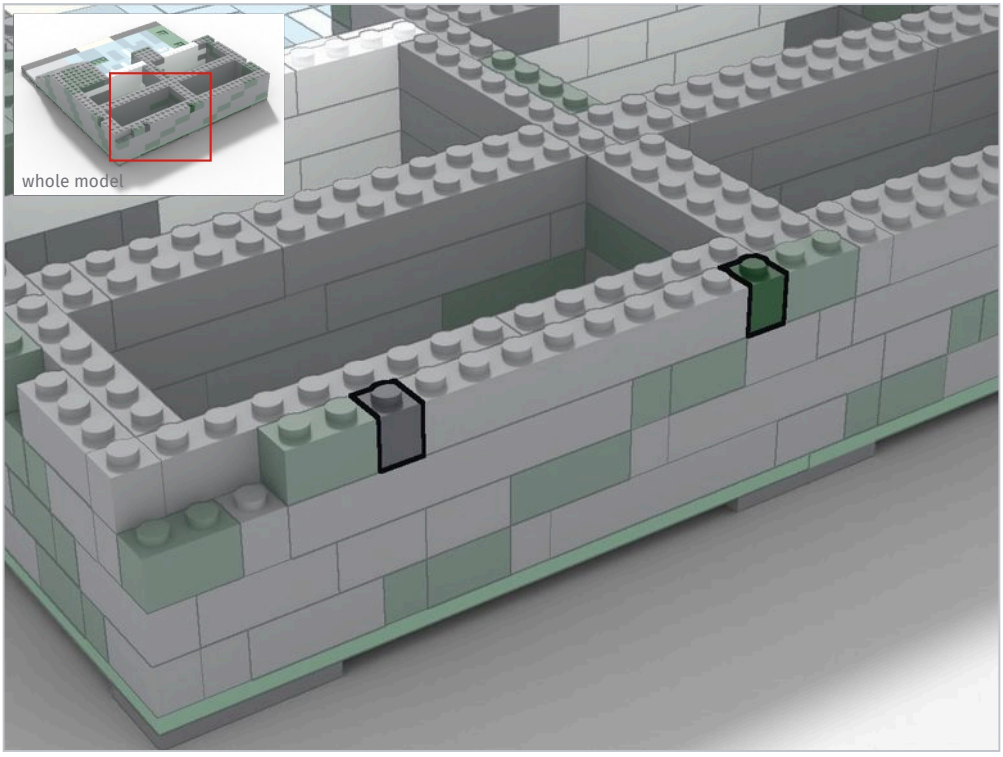


1x
Dark green
(Dark Green)

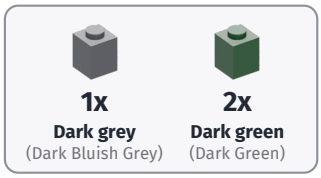


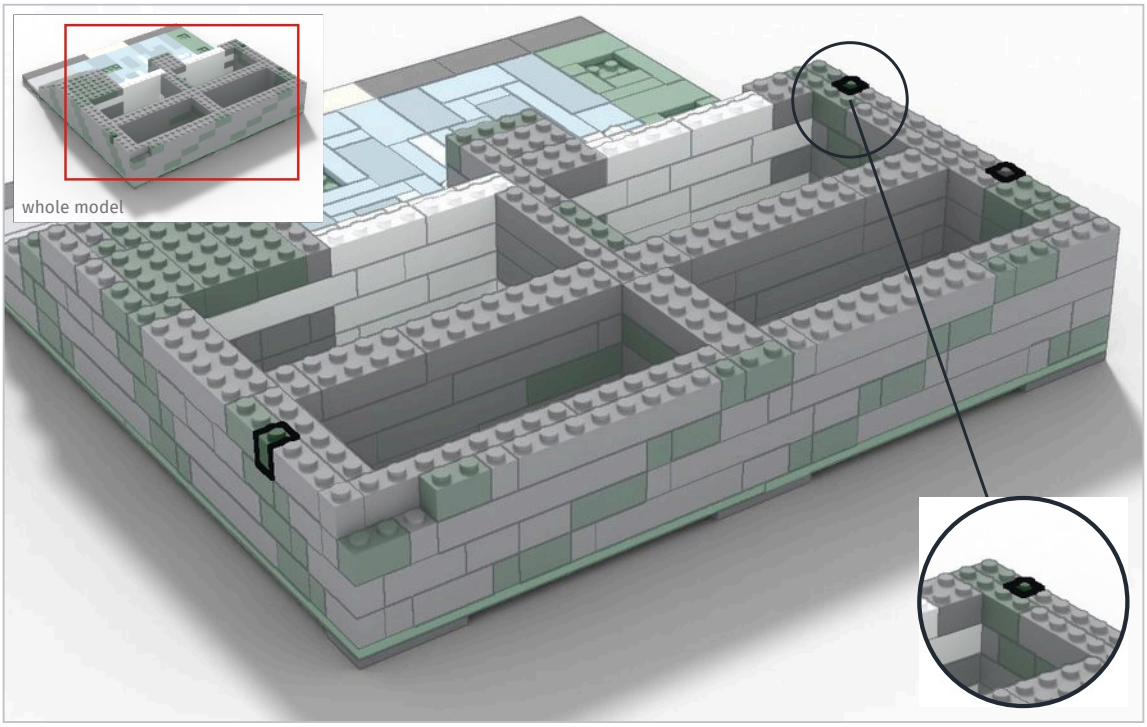
102


1x
Dark grey
(Dark Bluish Grey)
1x
Dark green
(Dark Green)


whole model

103


1x
Dark grey
(Dark Bluish Grey)
2x
Dark green
(Dark Green)


whole model

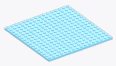
104



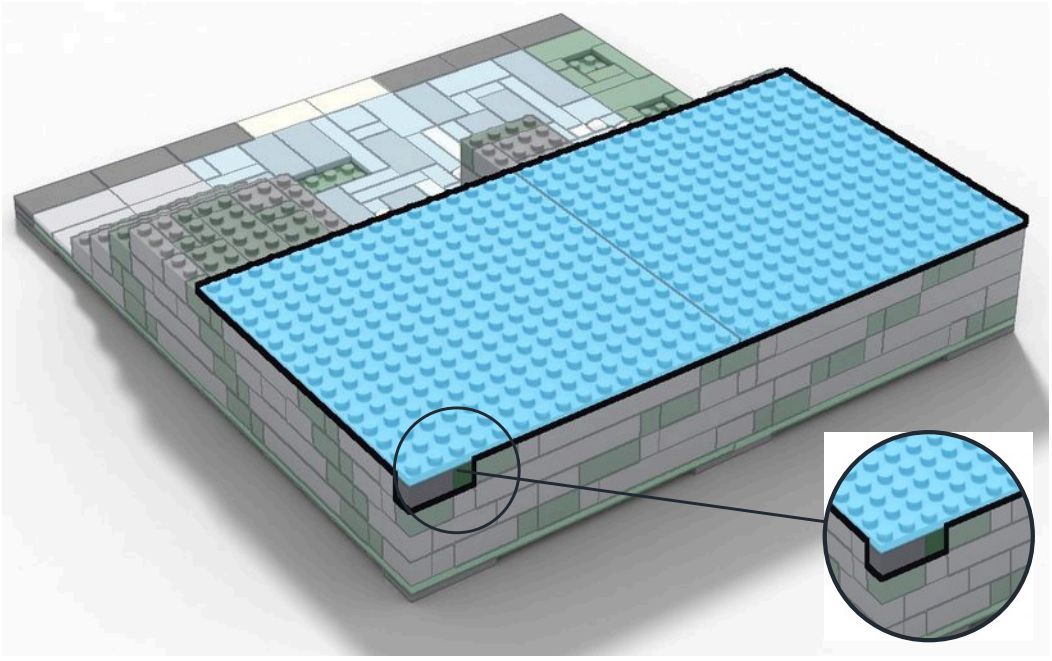
1x
Dark grey
(Dark Bluish Grey)



1x
Dark green
(Dark Green)



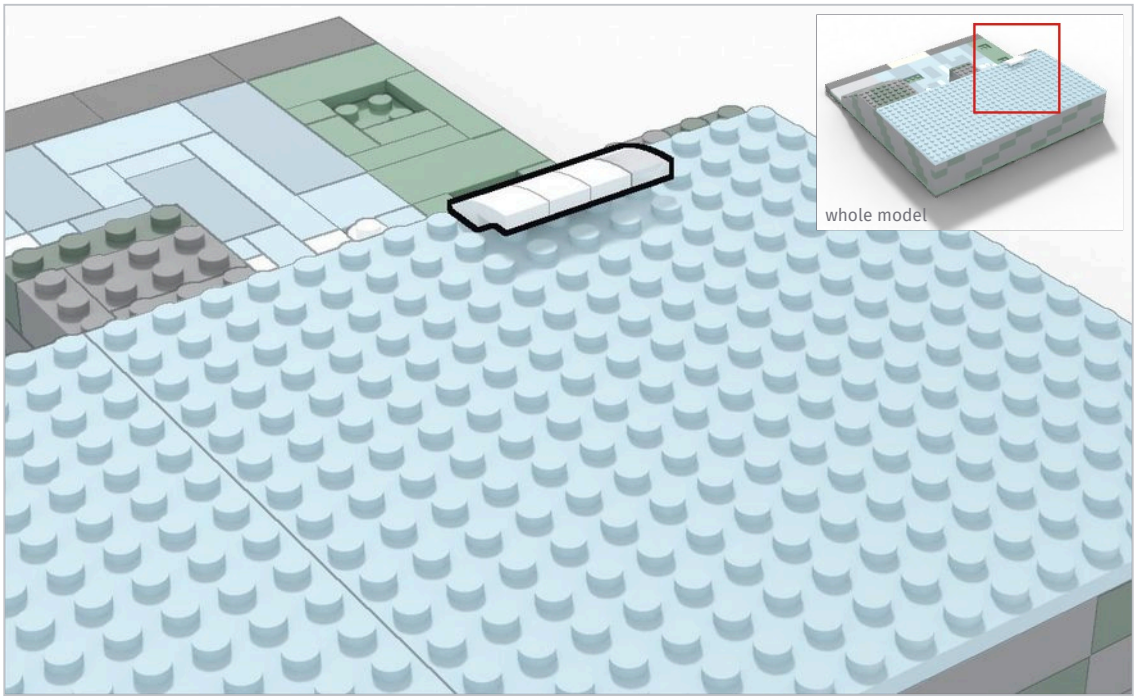
2x
Medium Azure



105

3x
White

1x
Trans Clear





THE REAL THING

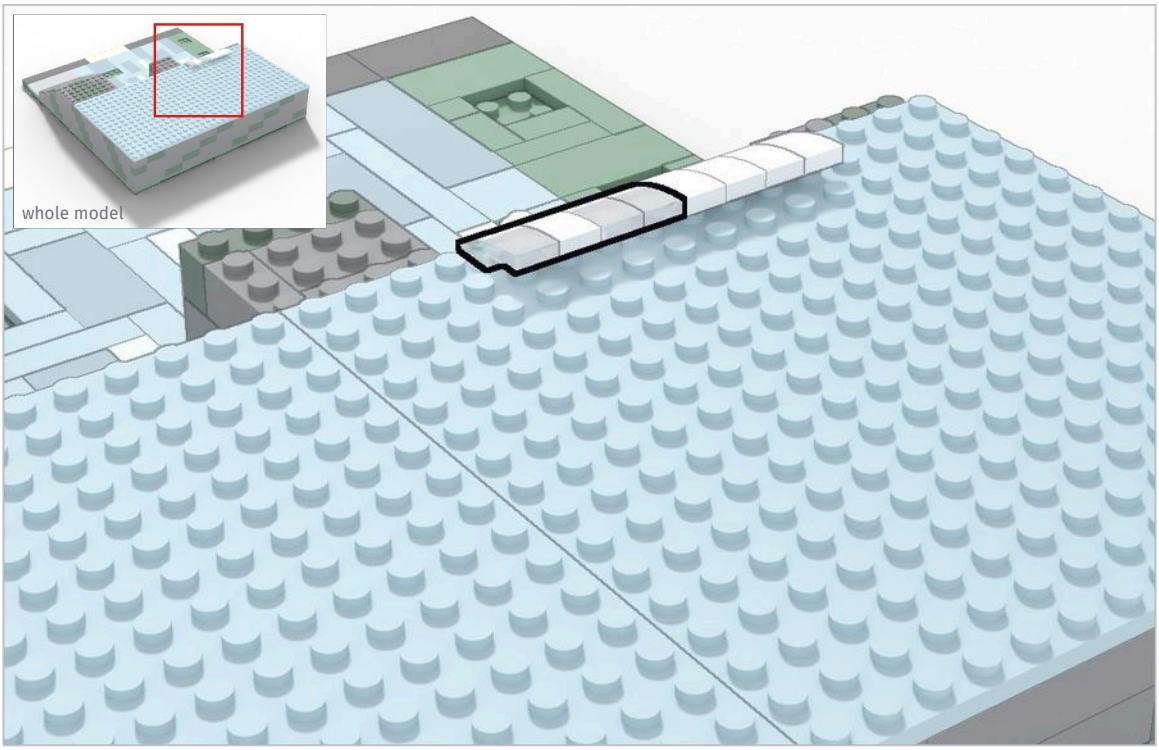
The curved pieces on the edge are the water rolling over the top of the falls, where the river suddenly drops.

Photo: Leonhard Lenz · CC0

106

1x
White

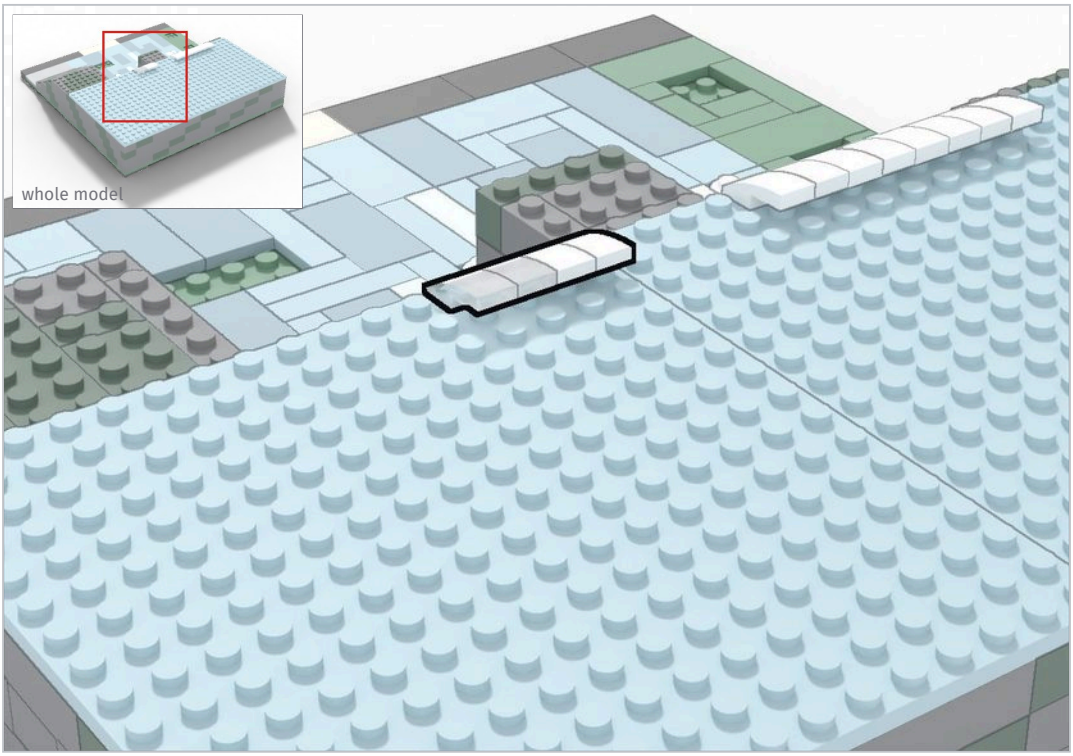
3x
Trans Clear



107

2x
White

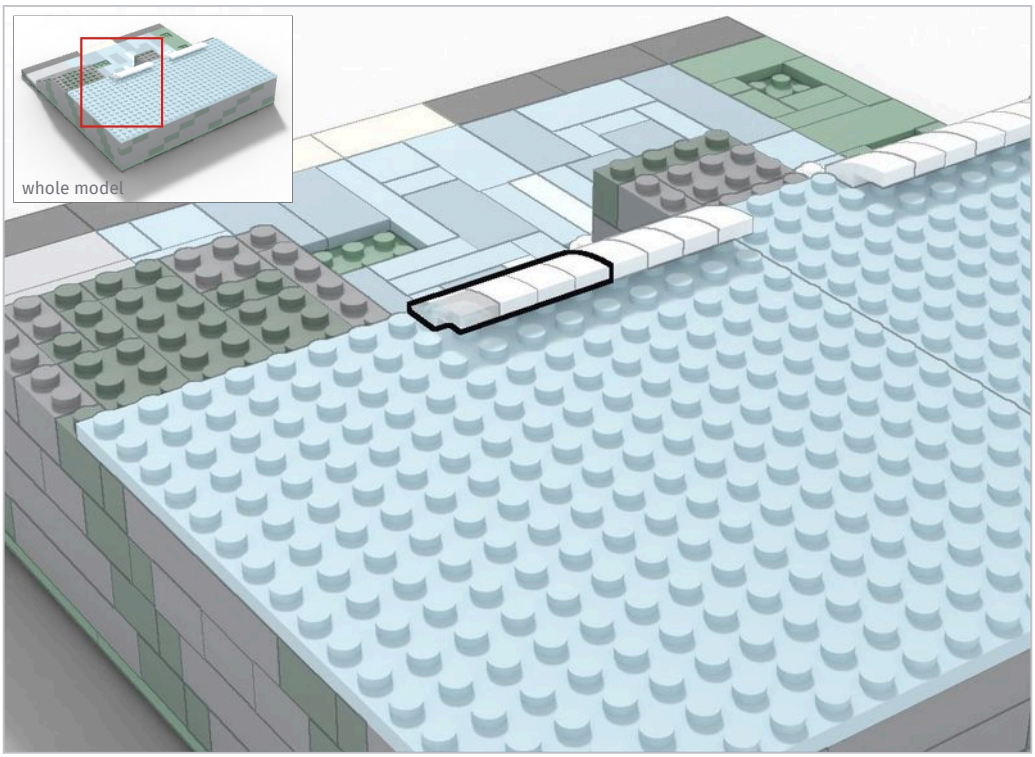
2x
Trans Clear



108

3x
White

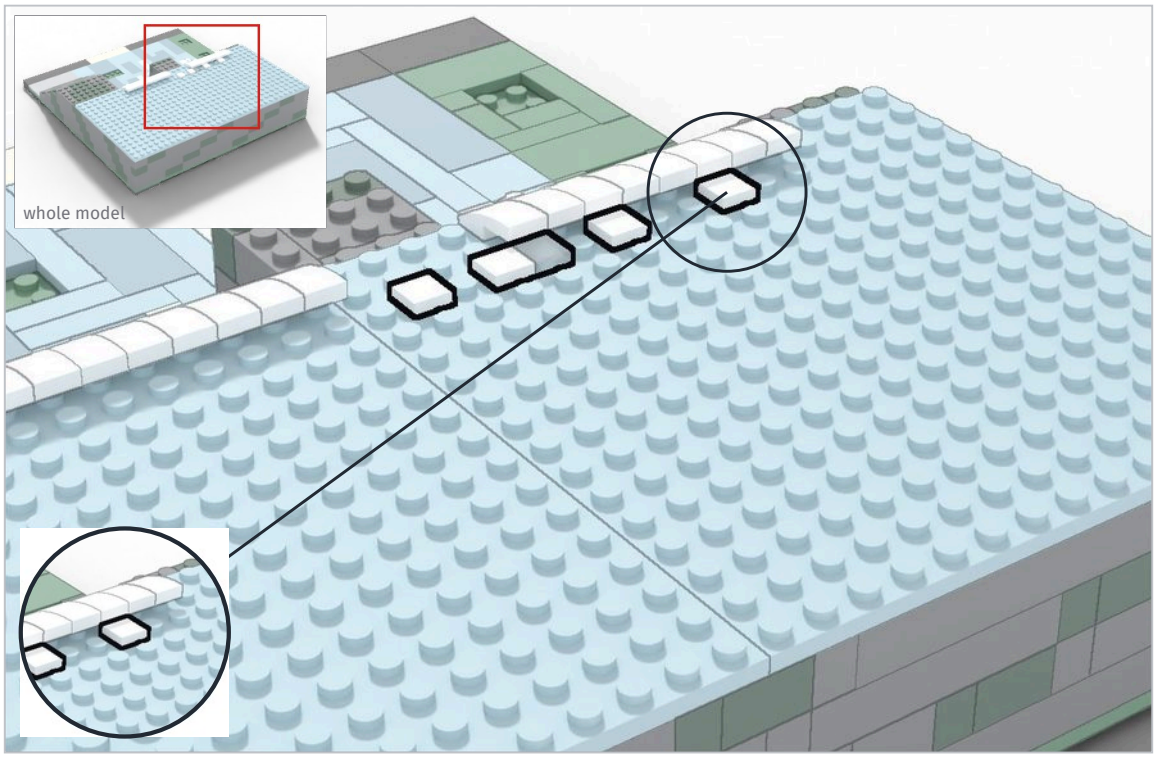
1x
Trans Clear



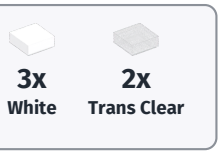
109

4x
White

1x
Trans Clear

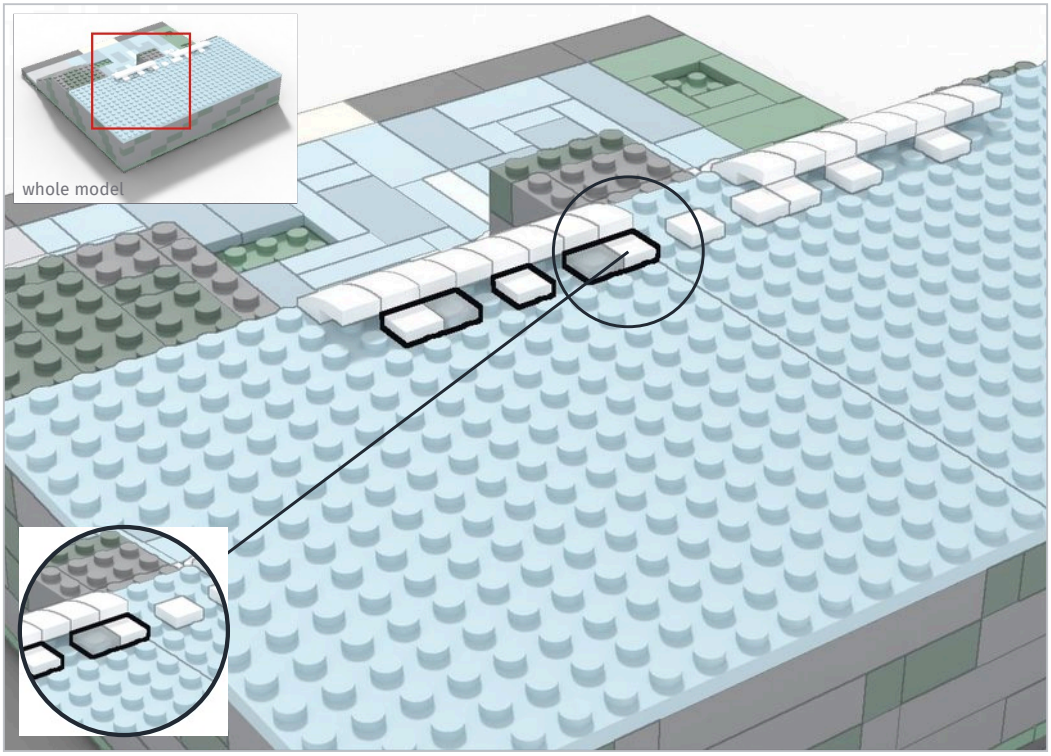


110



3x White

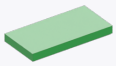
2x Trans Clear



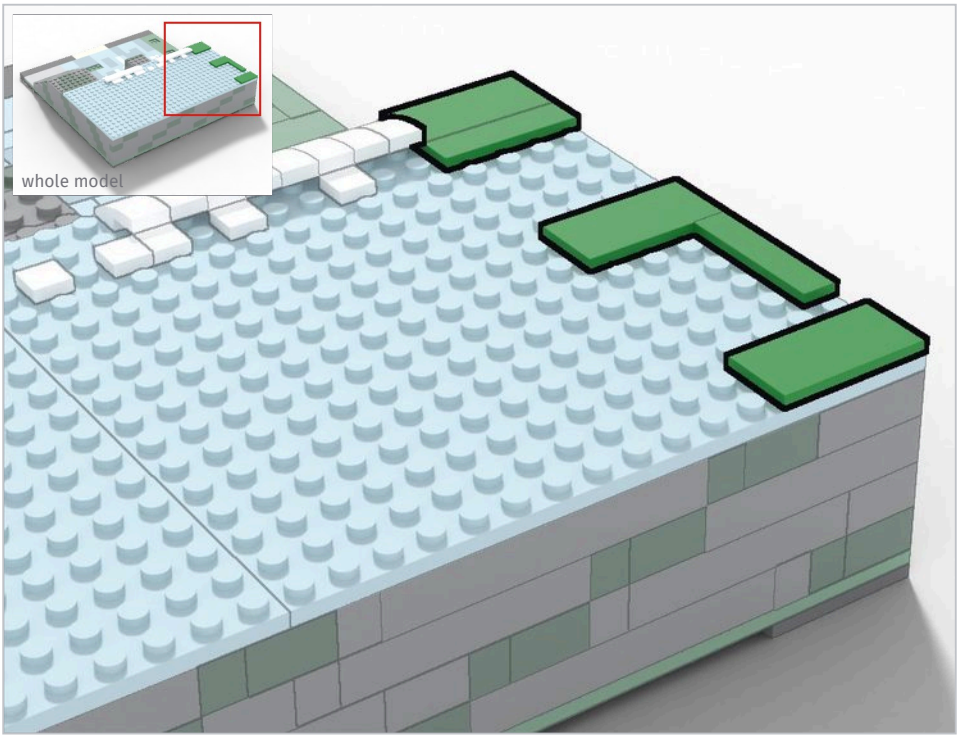
111



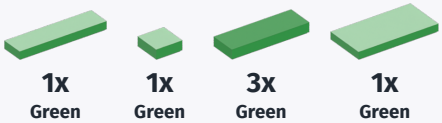
2x Green

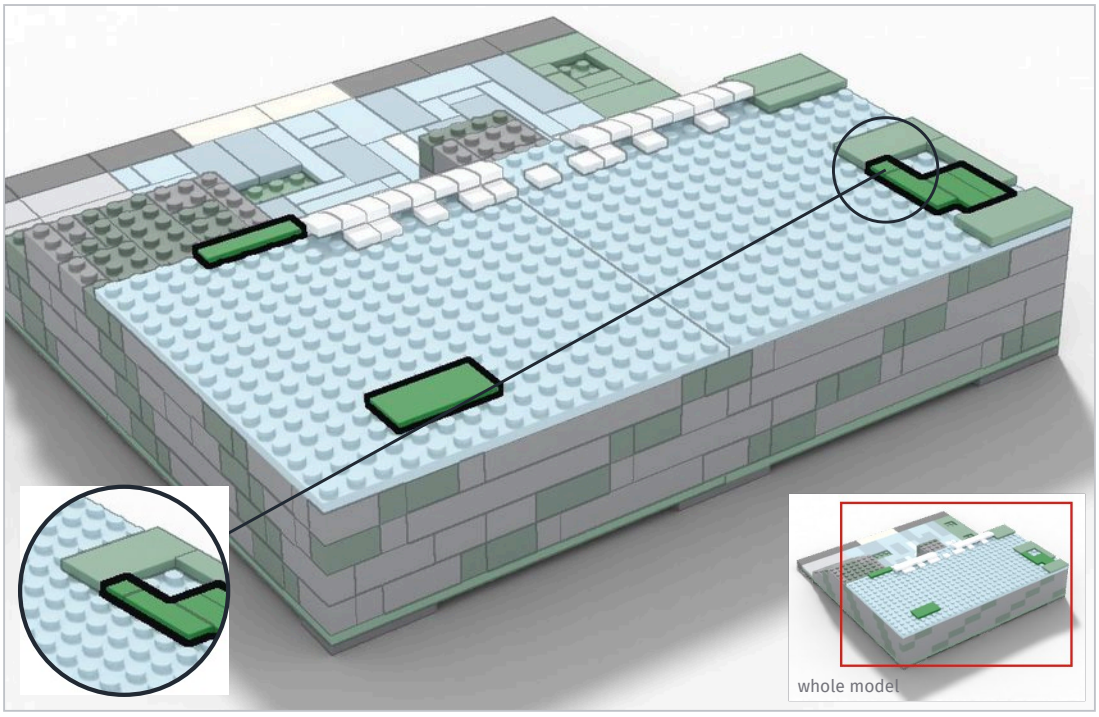


3x Green



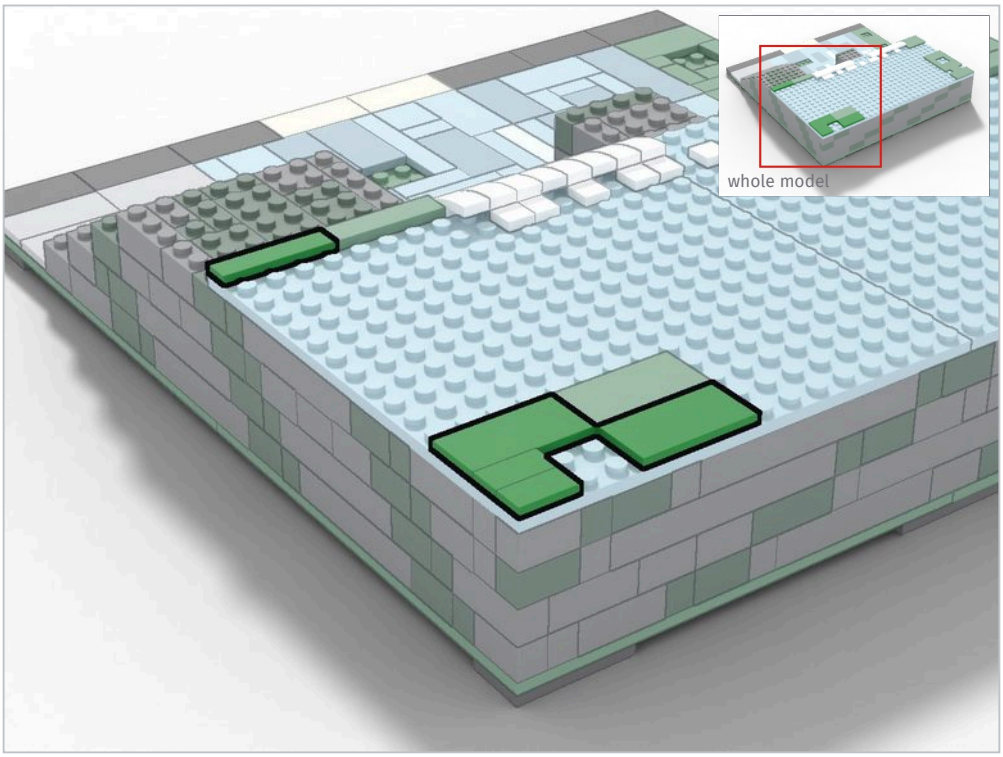
112


1x
Green
1x
Green
3x
Green
1x
Green

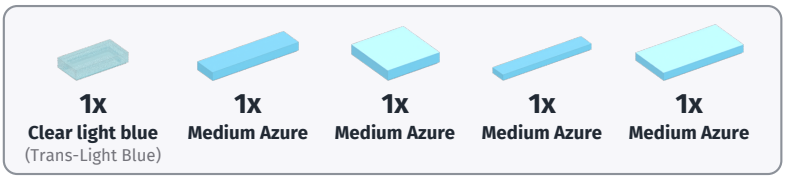

whole model

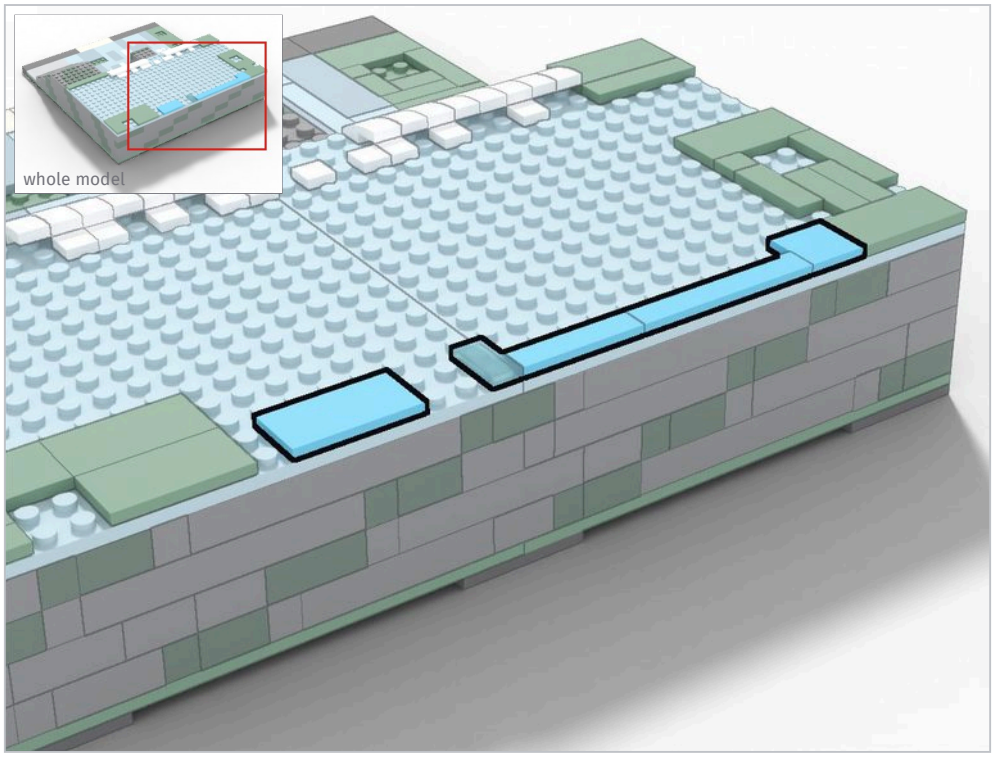
113


1x
Green
2x
Green
2x
Green

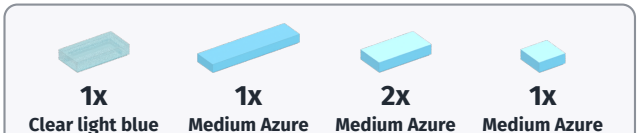

whole model

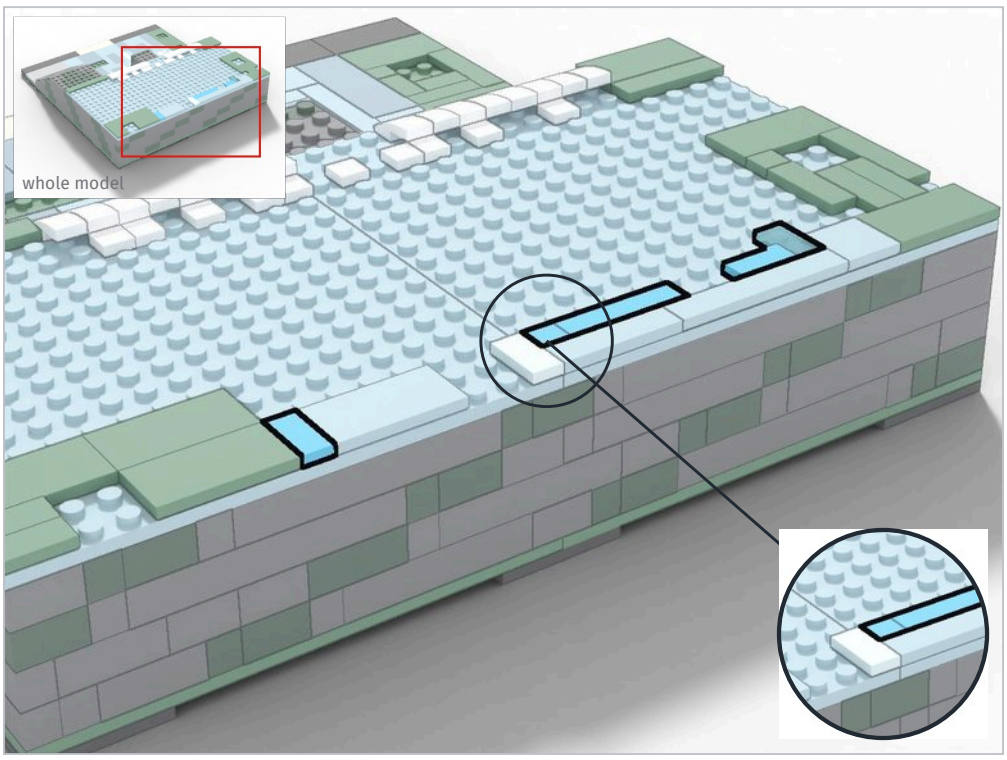
114


1x
Clear light blue
(Trans-Light Blue)
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure

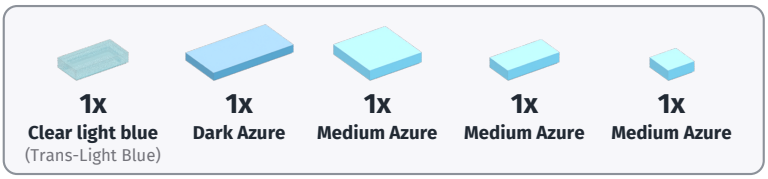

whole model

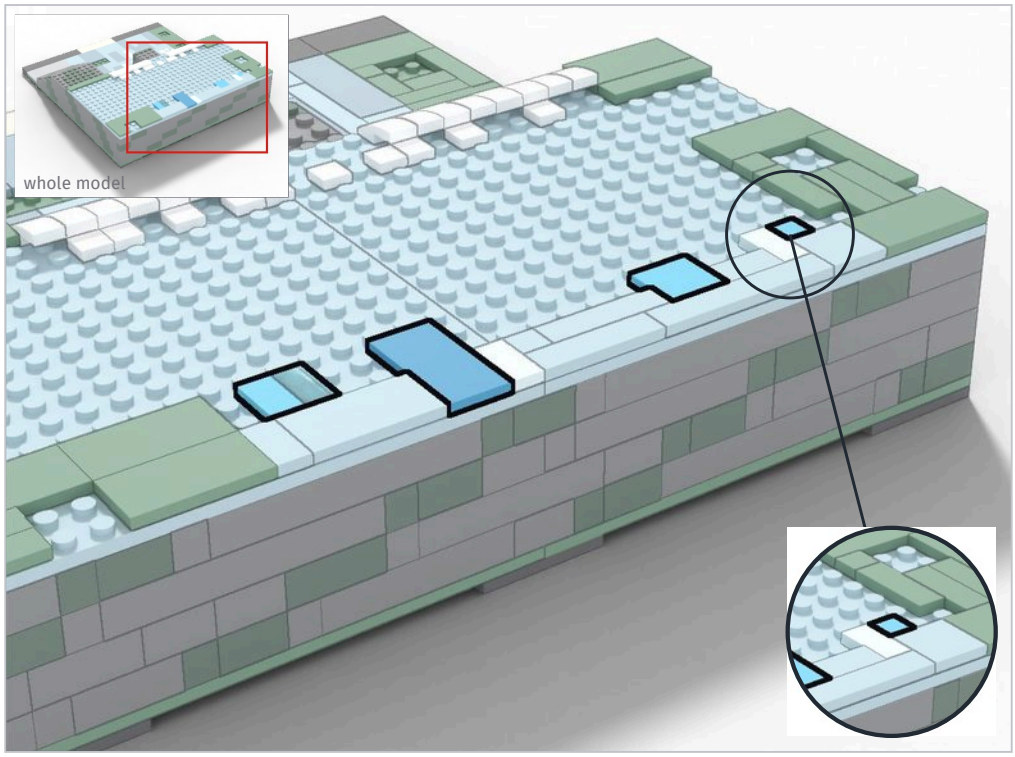
115


1x
Clear light blue
(Trans-Light Blue)
1x
Medium Azure
2x
Medium Azure
1x
Medium Azure

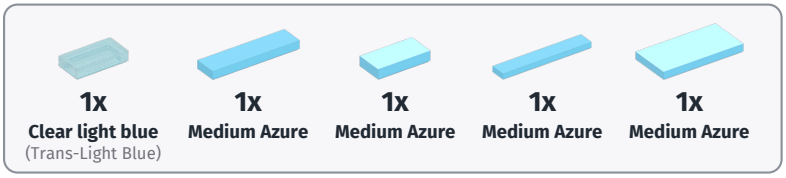

whole model

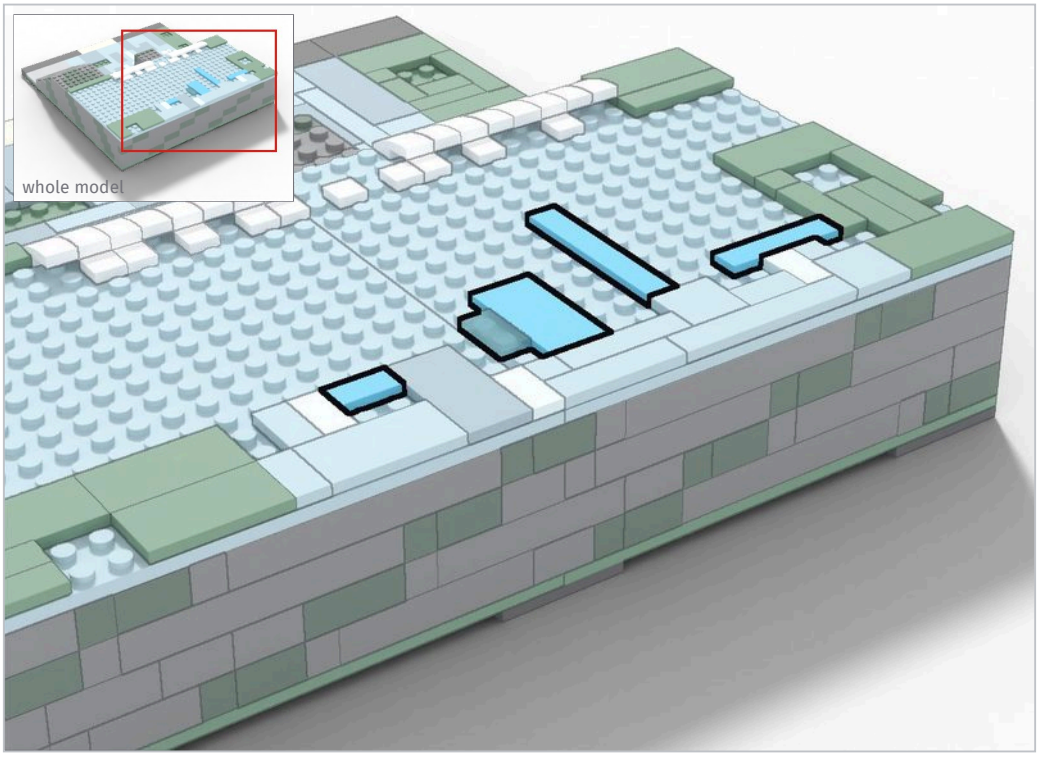
116


1x
Clear light blue
(Trans-Light Blue)
1x
Dark Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure

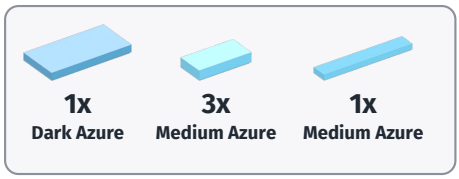

whole model

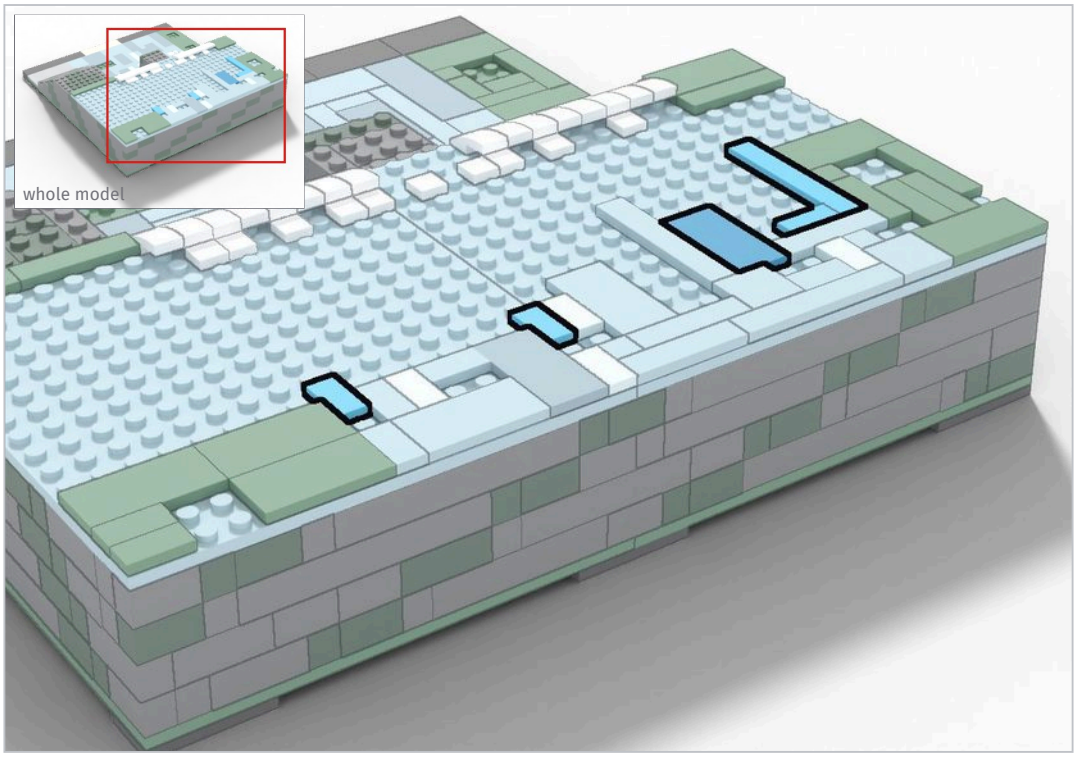
117


1x
Clear light blue
(Trans-Light Blue)
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure


whole model

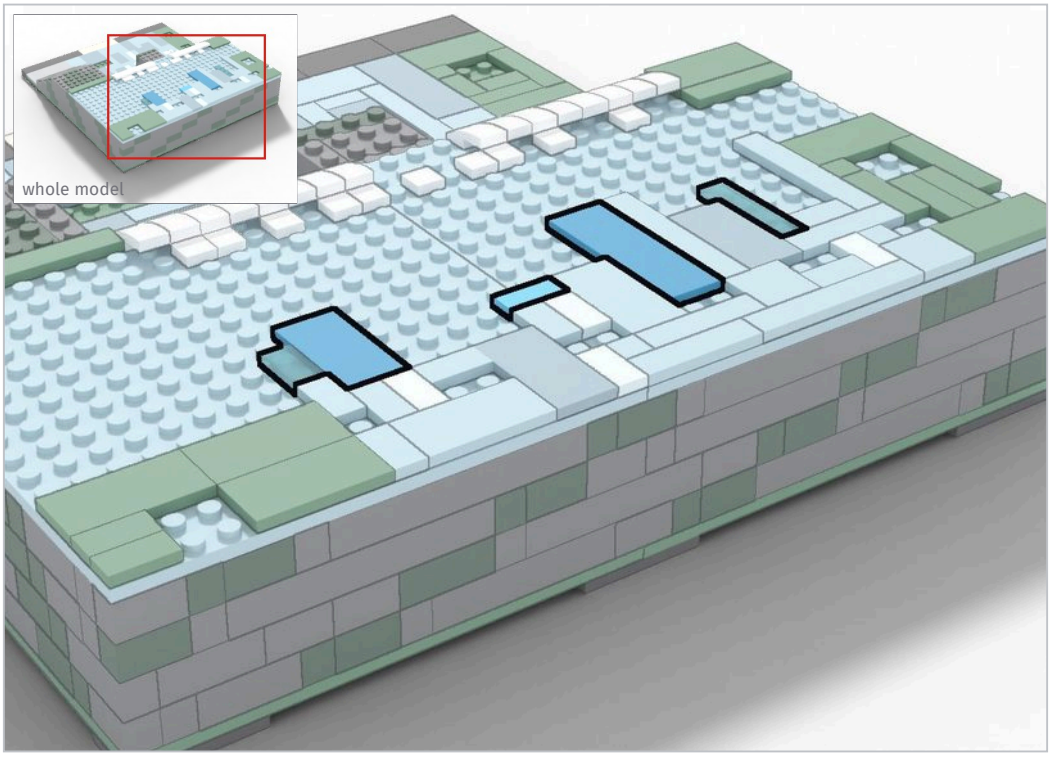
118


1x
Dark Azure
3x
Medium Azure
1x
Medium Azure

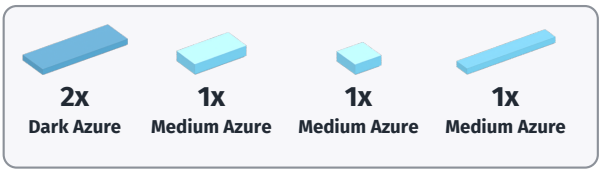

whole model

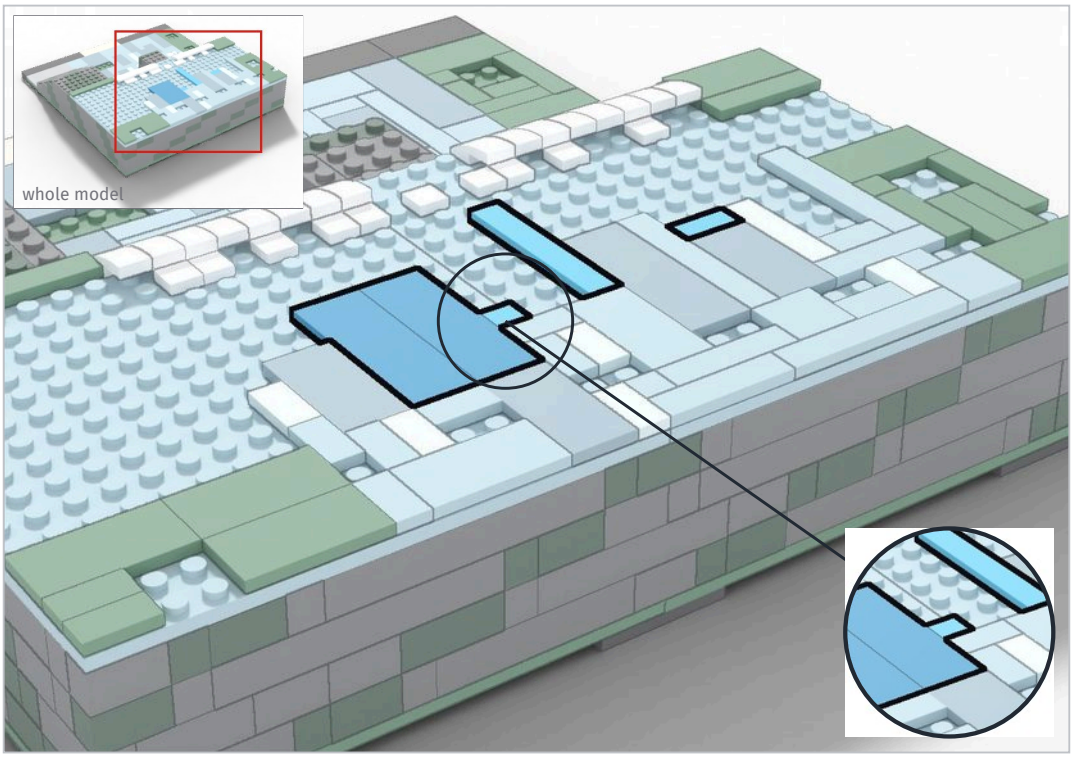
119


1x
Clear light blue
(Trans-Light Blue)
1x
Clear light blue
(Trans-Light Blue)
1x
Dark Azure
1x
Dark Azure
1x
Medium Azure


whole model

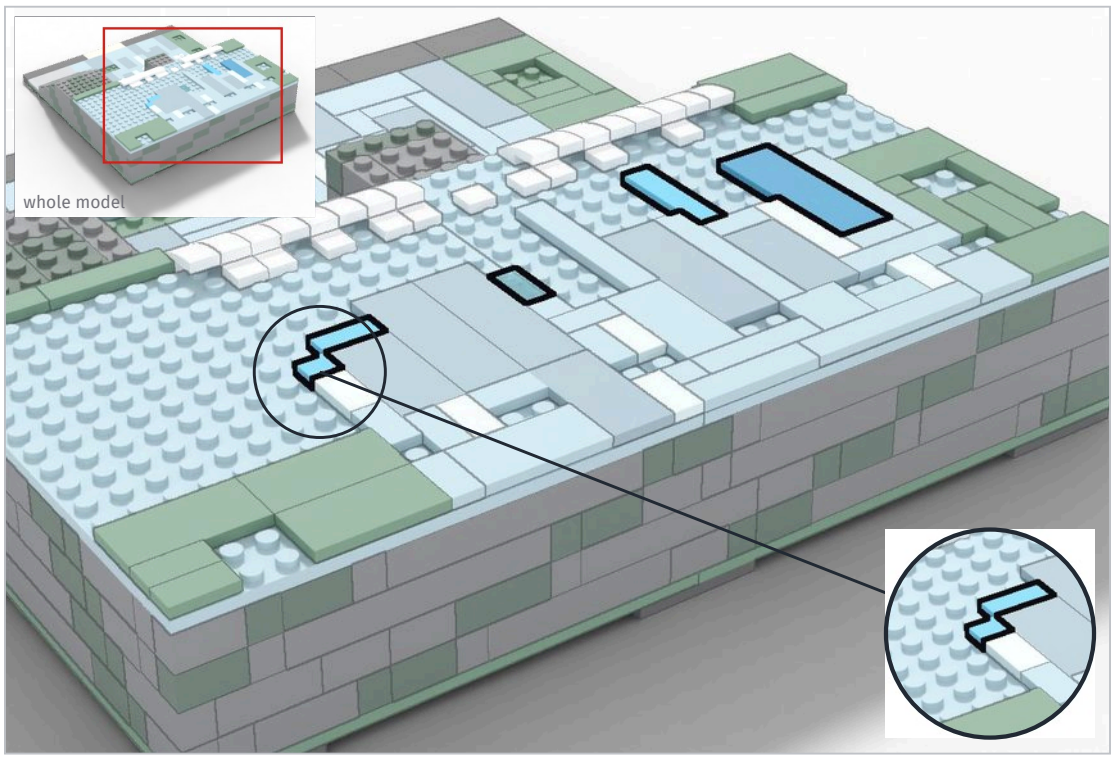
120


2x
Dark Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure

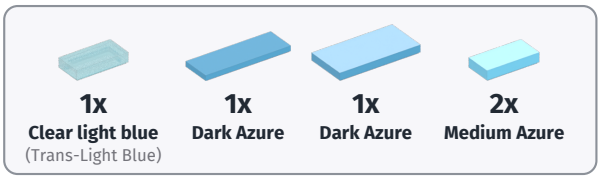

whole model

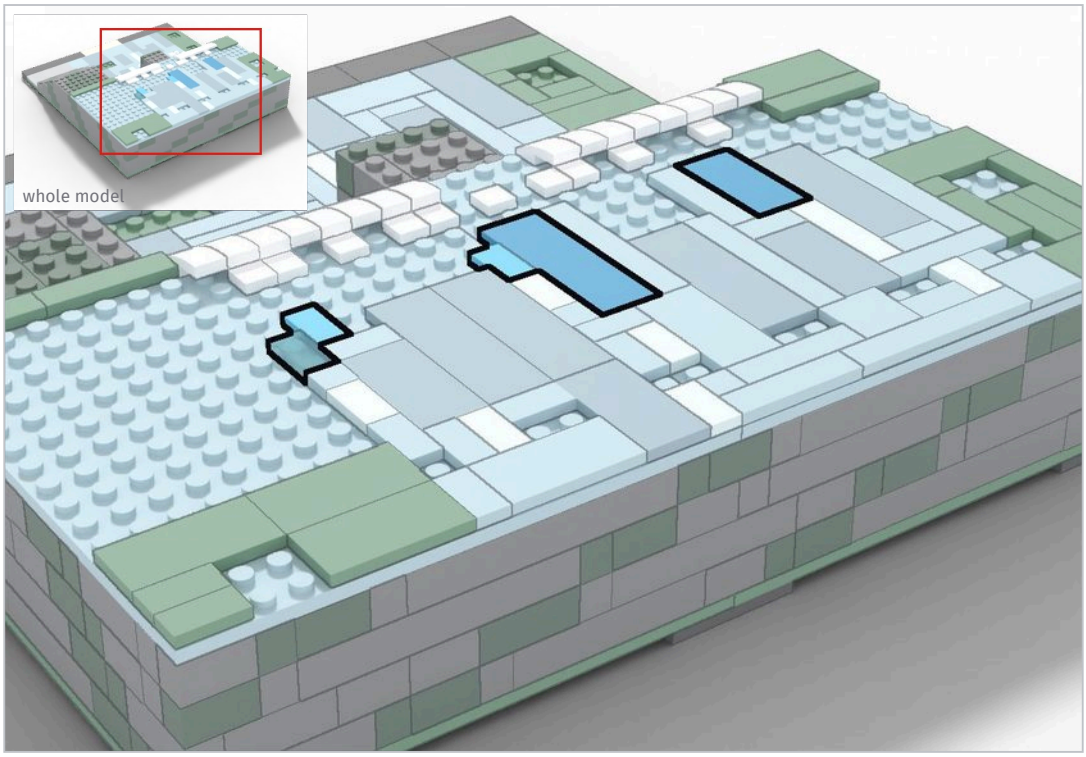
121


1x
Clear light blue
(Trans-Light Blue)
1x
Dark Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure

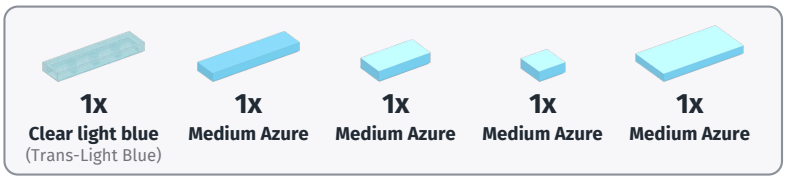

whole model

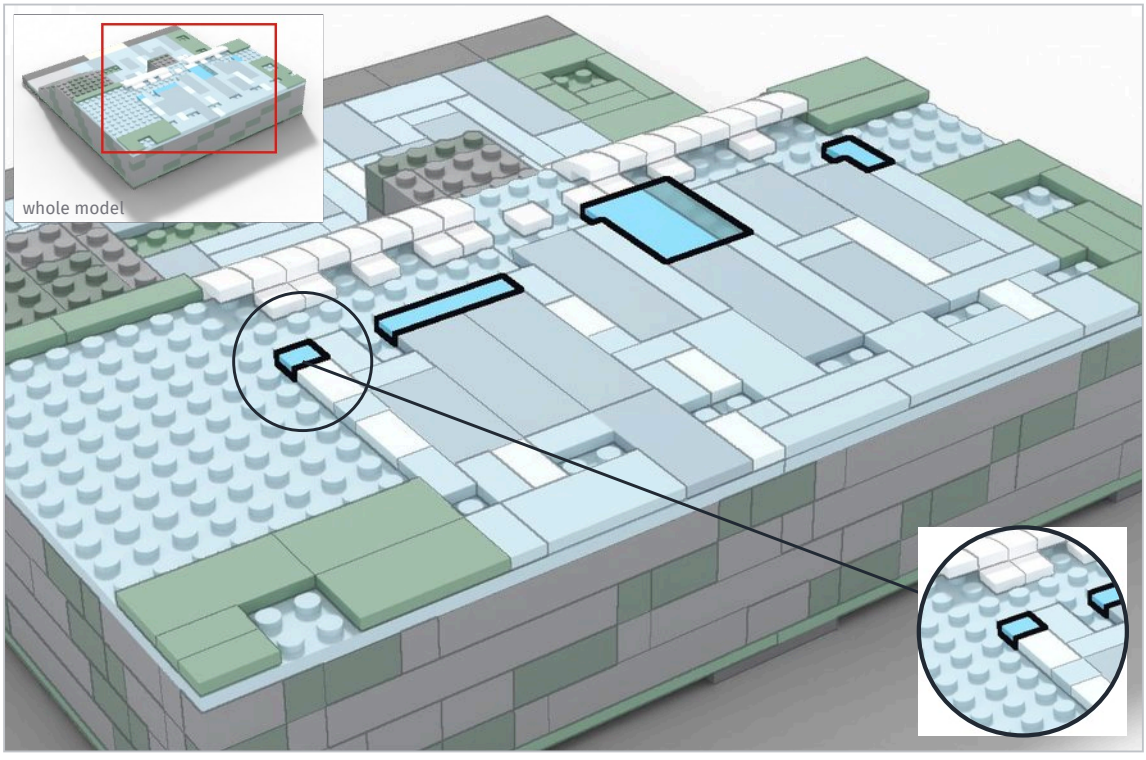
122


1x
Clear light blue
(Trans-Light Blue)
1x
Dark Azure
1x
Dark Azure
2x
Medium Azure


whole model

123

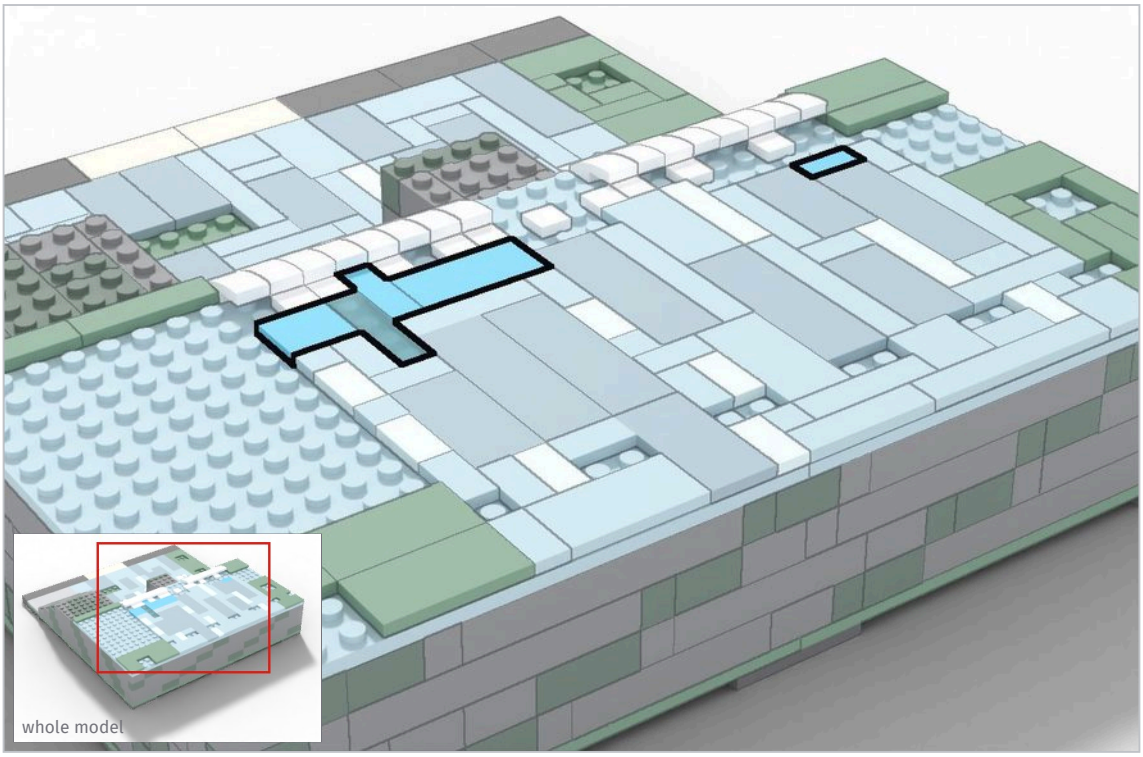

1x
Clear light blue
(Trans-Light Blue)
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure
1x
Medium Azure


whole model

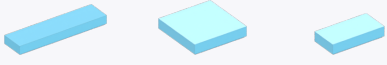
124



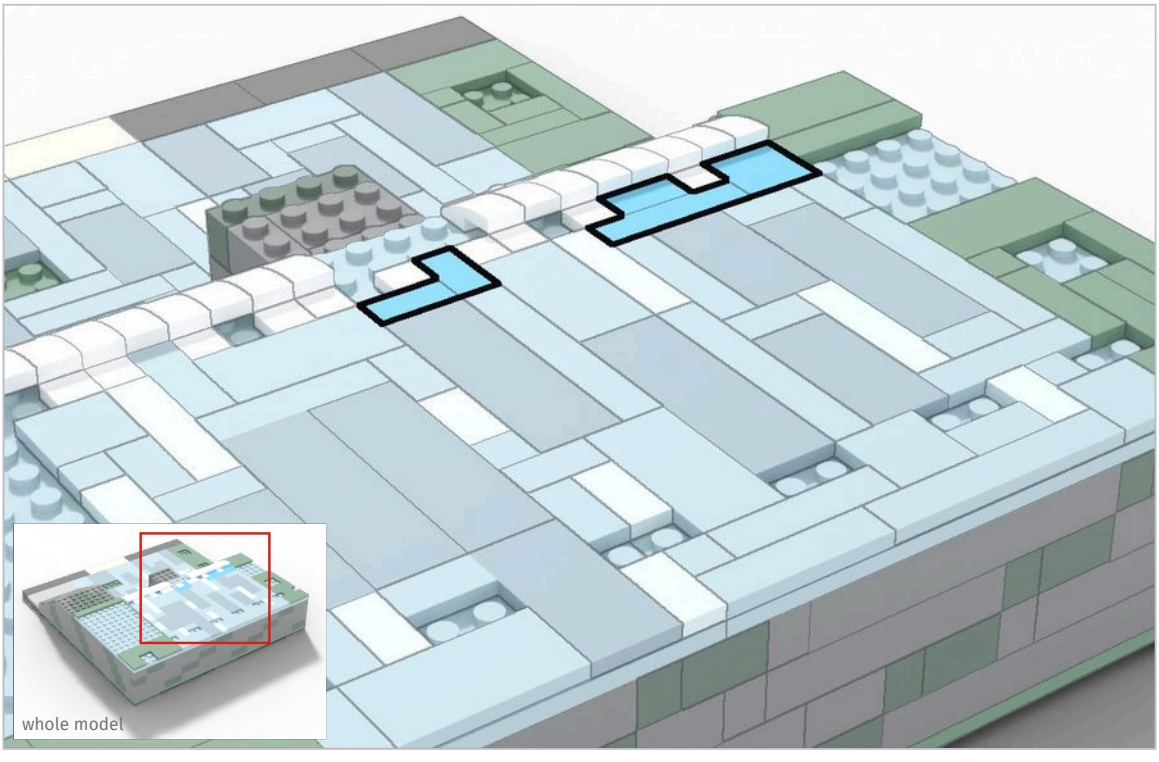
1x Clear light blue (Trans-Light Blue)
1x Medium Azure
1x Medium Azure
1x Medium Azure
1x Medium Azure



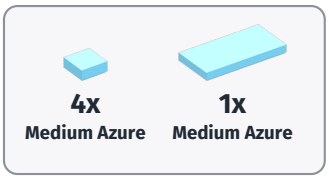
125



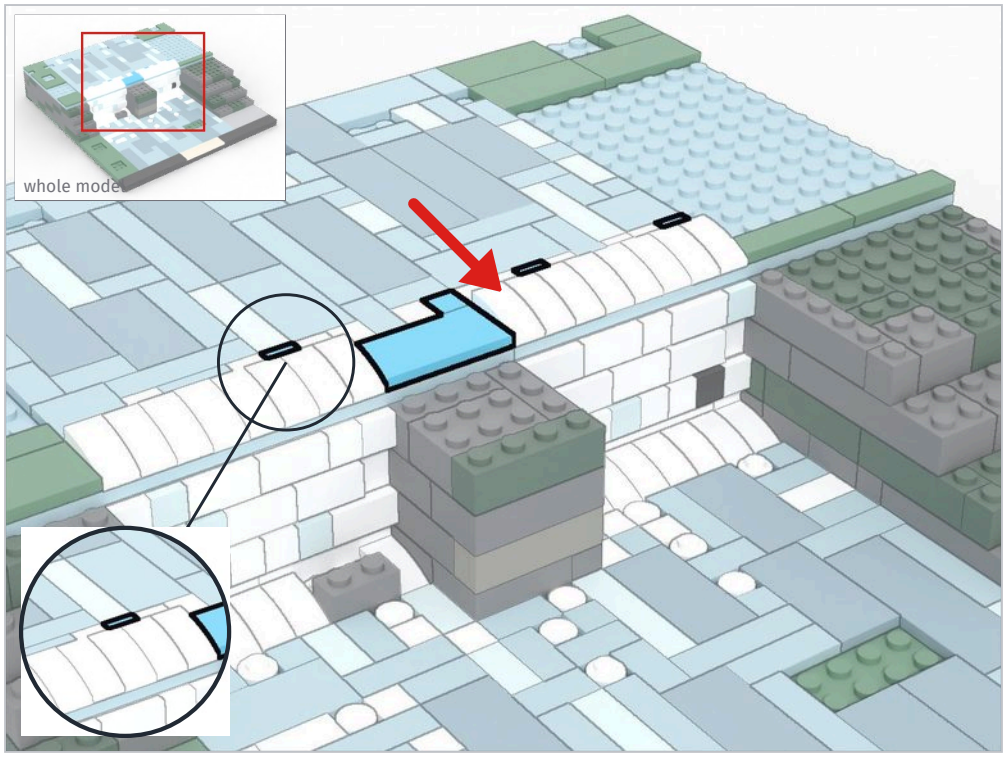
1x Medium Azure
1x Medium Azure
3x Medium Azure



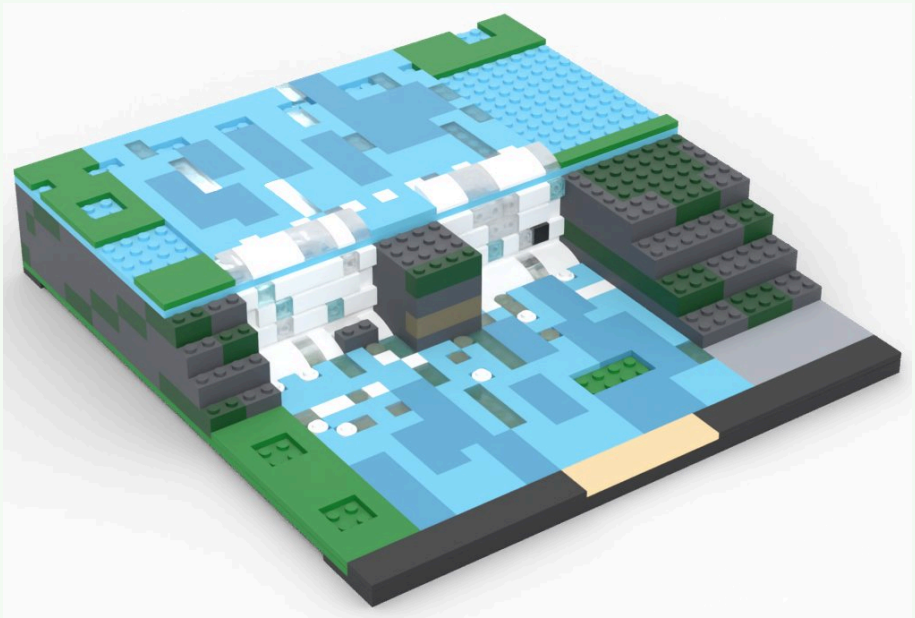
126



turn the model



Chapter 4 done



A good place to stop. Next time, start with chapter 5: The bridge, the castle and the trees.

Chapter 5

The bridge, the castle and the trees

Steps 127–148 · 205 pieces

You'll need bowls 1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14 and 15



Parts in this chapter (the circle: its bowl)



Tall tree ×6

Build this 6 times; it goes on in a later step.

1

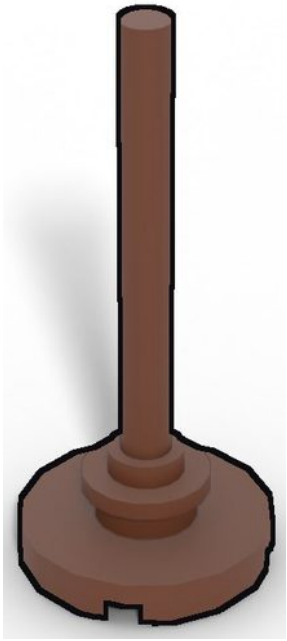


1x
Reddish brown
(Reddish Brown)

1x
Reddish brown
(Reddish Brown)



1x
Reddish brown
(Reddish Brown)



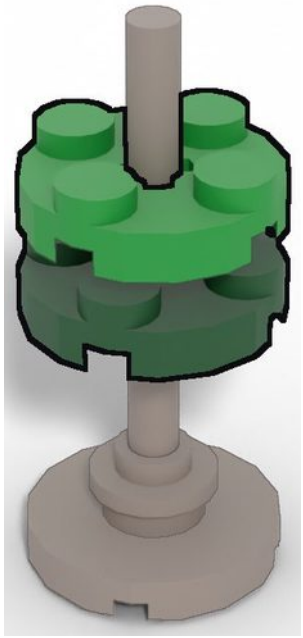
2



1x
Green



1x
Dark green
(Dark Green)



Tall tree (×6)

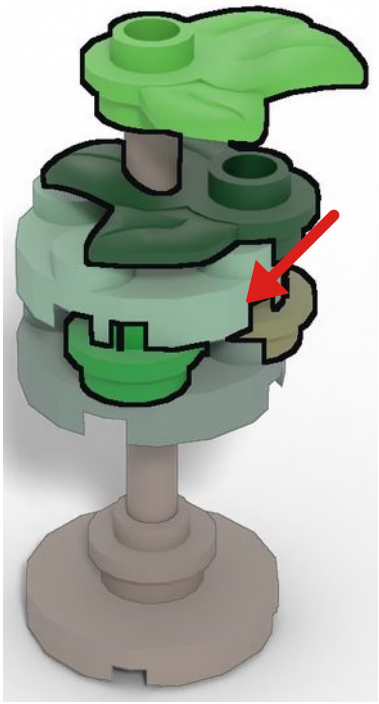
3


2x
Green


1x
Bright green
(Bright Green)


1x
Dark green
(Dark Green)


1x
Olive Green



Tree ×5

Build this 5 times; it goes on in a later step.

1

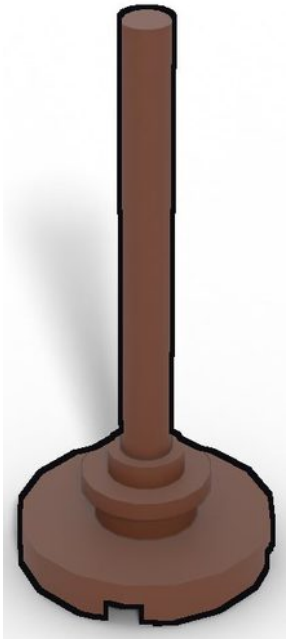


1x
Reddish brown
(Reddish Brown)

1x
Reddish brown
(Reddish Brown)



1x
Reddish brown
(Reddish Brown)



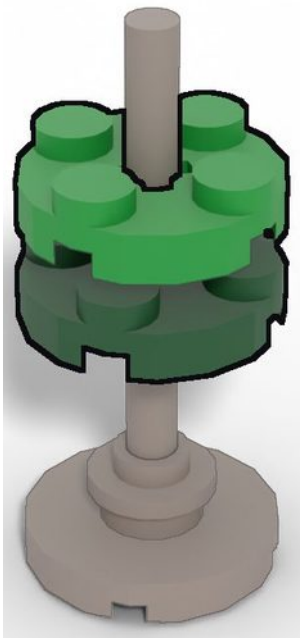
2



1x
Green



1x
Dark green
(Dark Green)



Tree (×5)

3

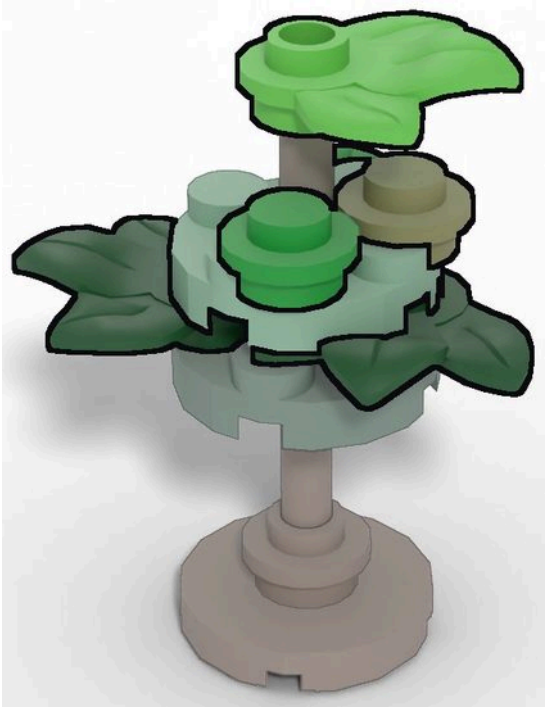

1x
Green


1x
Green


1x
Bright green
(Bright Green)


2x
Dark green
(Dark Green)


1x
Olive Green



Swiss flag

Build this first; it goes on in a later step.

1



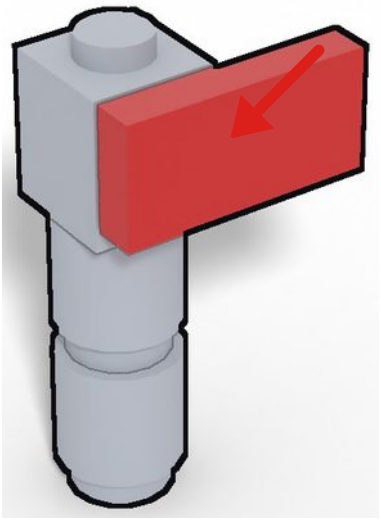
1x
Red



2x
Light grey
(Light Bluish Grey)



1x
Light grey
(Light Bluish Grey)



THE REAL THING
The red tiles are the Swiss flag that flies on top of the big rock in the middle of the falls.

2



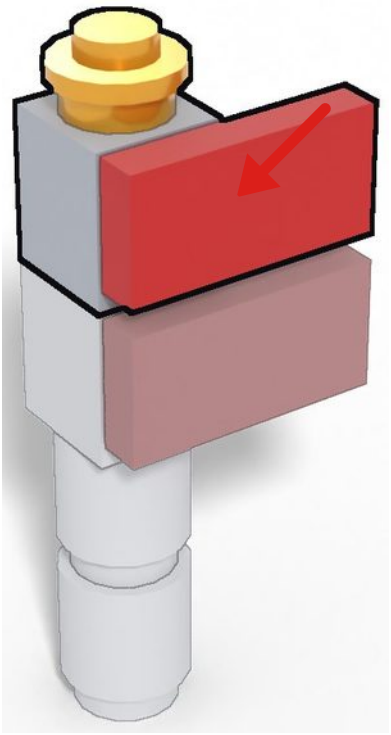
1x
Red



1x
Light grey
(Light Bluish Grey)



1x
Gold
(Pearl Gold)



127

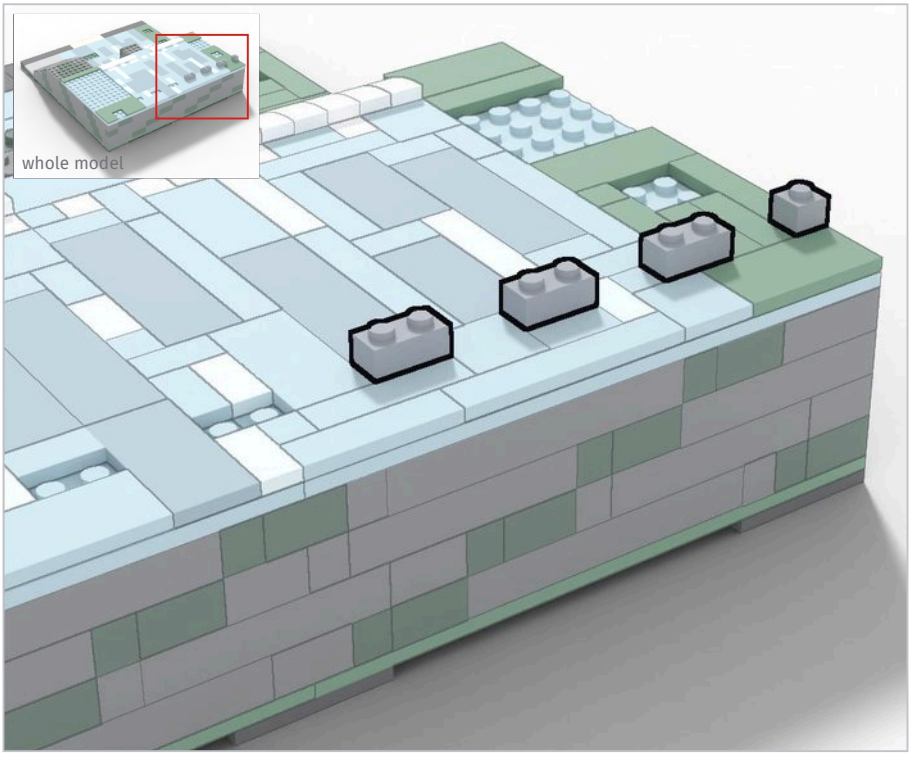


3x
Light grey
(Light Bluish Grey)



1x
Light grey
(Light Bluish Grey)

turn the model



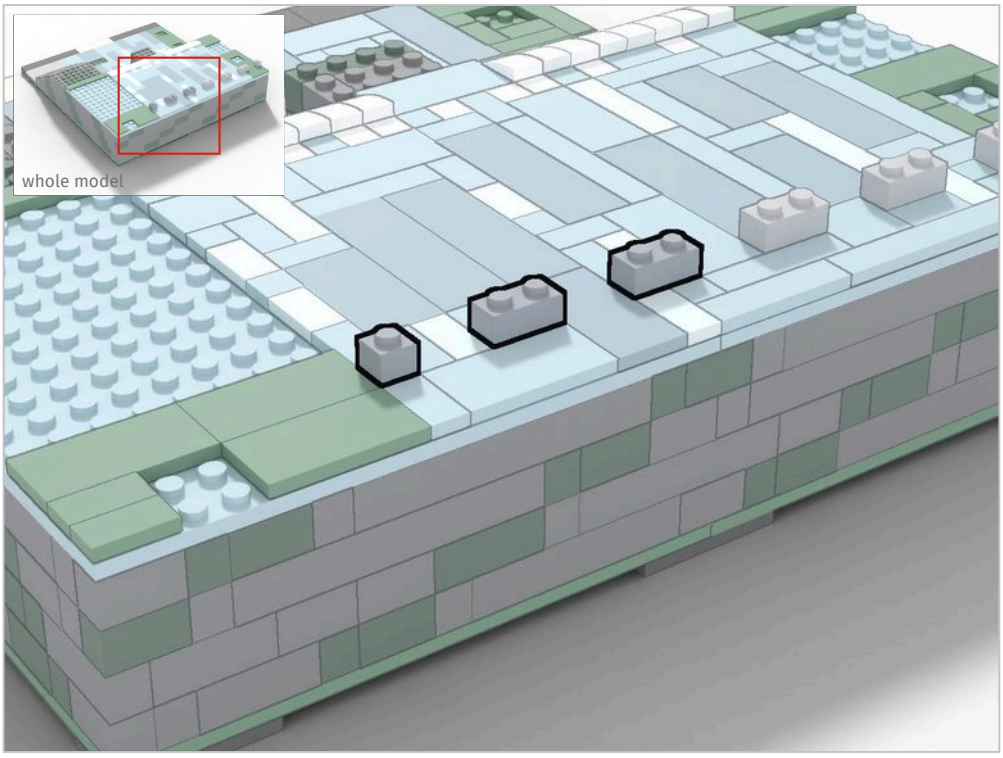
128



2x
Light grey
(Light Bluish Grey)



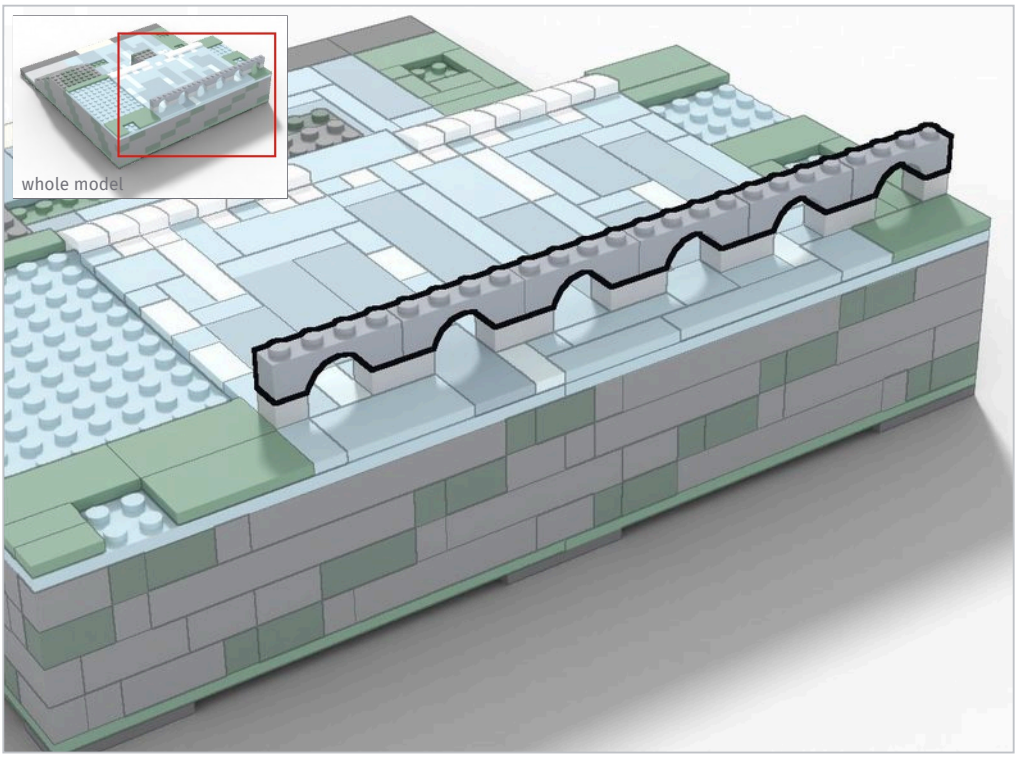
1x
Light grey
(Light Bluish Grey)



129



6x
Light grey
(Light Bluish Grey)





THE REAL THING

The grey arches are the stone railway bridge just above the falls. Trains cross it many times a day.

Photo: Henk Monster · CC BY 3.0

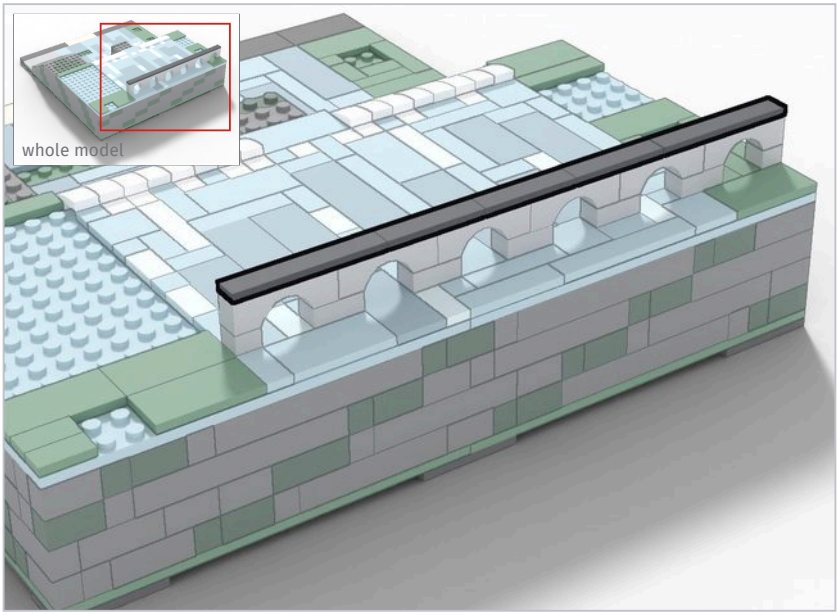
130



3x
Dark grey
(Dark Bluish Grey)

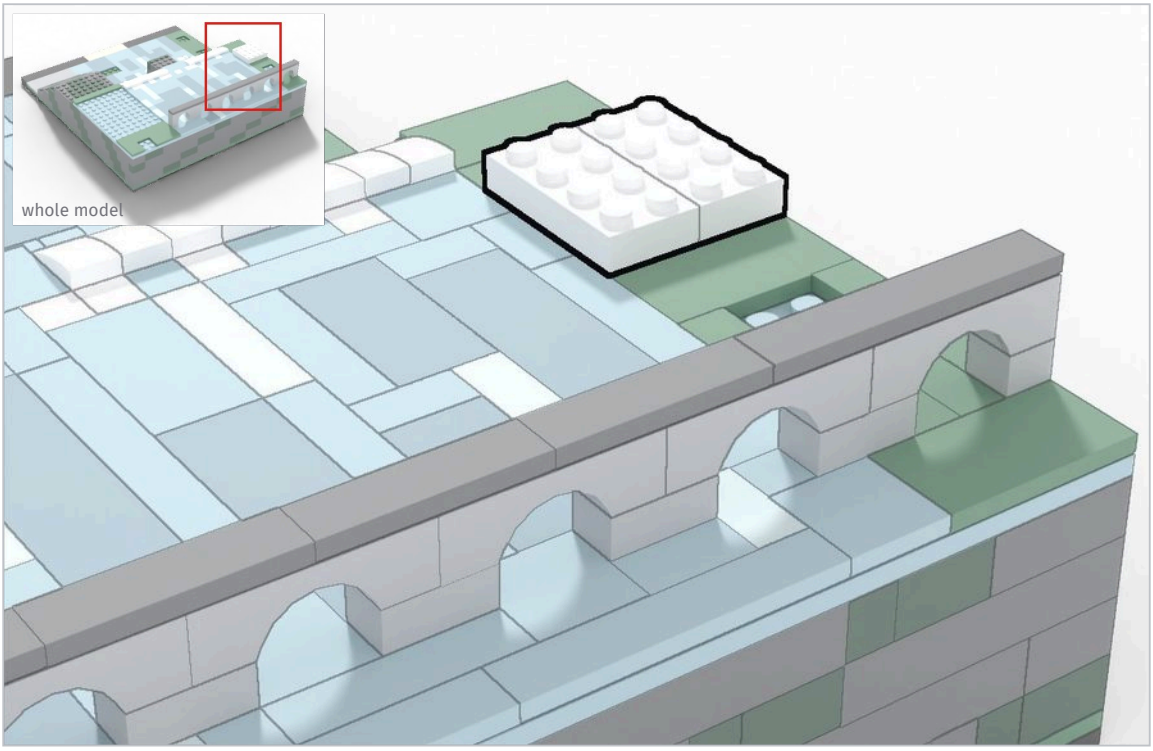


2x
Dark grey
(Dark Bluish Grey)



131

2x
White





THE REAL THING

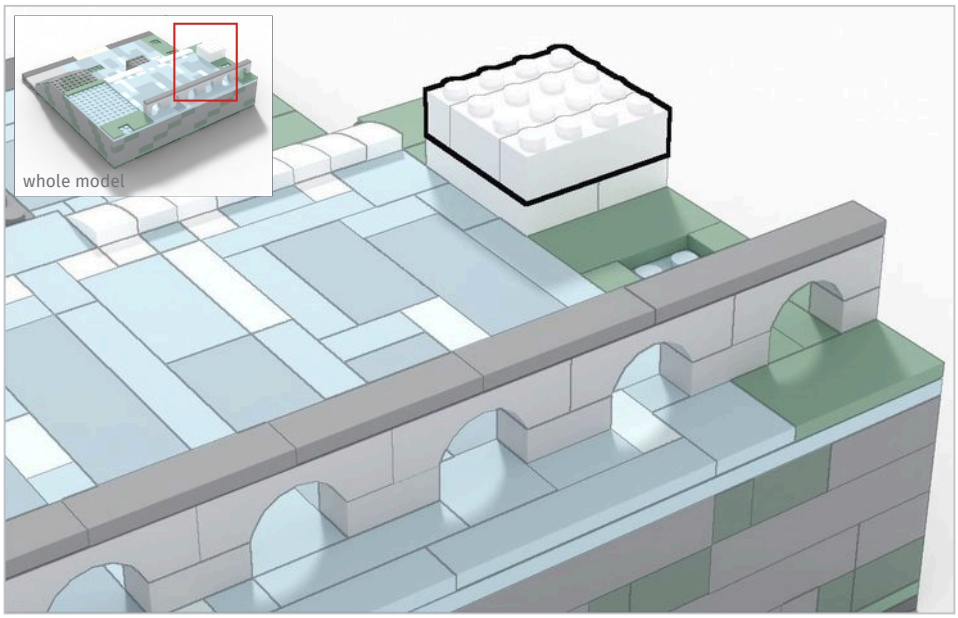
The white house stands for the old buildings on the Neuhausen bank, where people used the river's power for mills and workshops.

Photo: Andreas Praefcke · CC BY 3.0

132

1x
White

2x
White



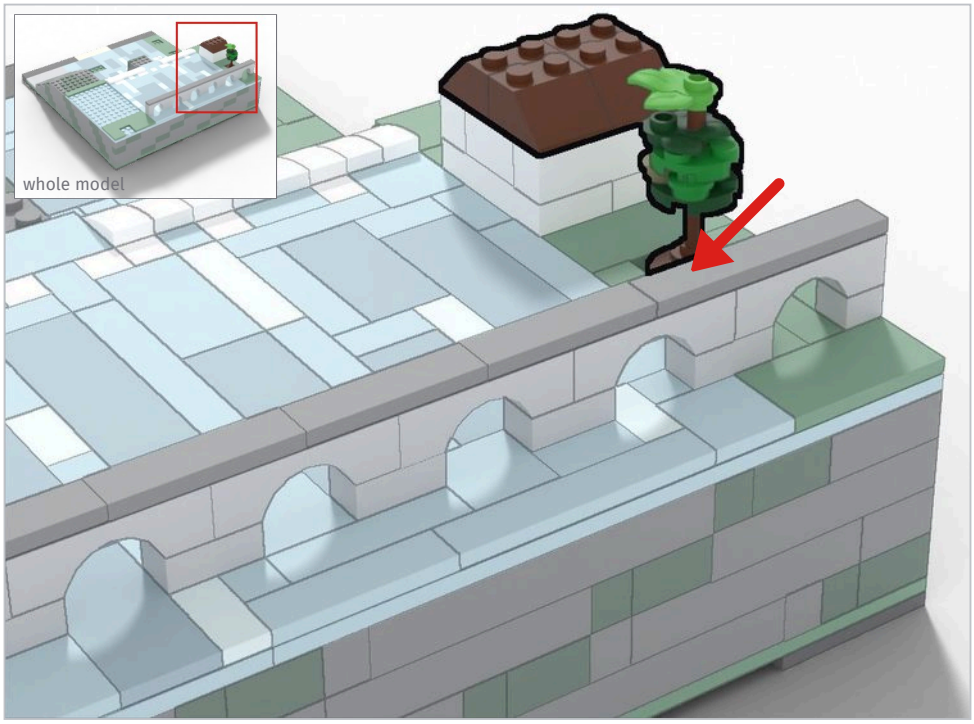
133



1x
Tall tree
built before



4x
Reddish brown
(Reddish Brown)



134



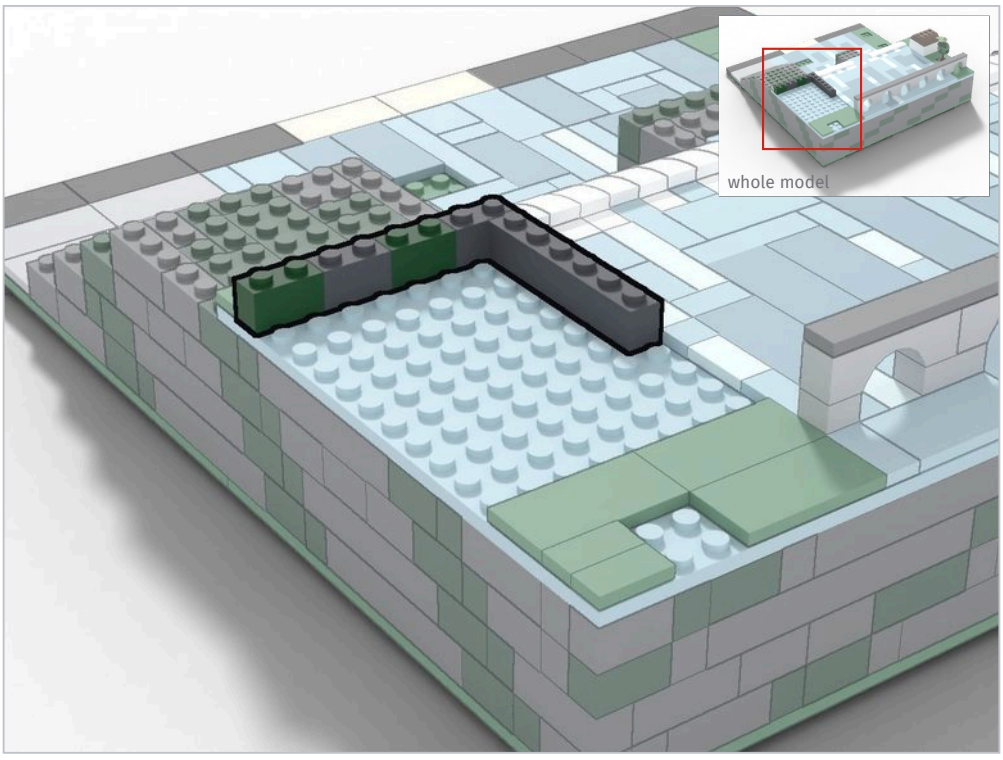
2x
Dark grey
(Dark Bluish Grey)



1x
Dark grey
(Dark Bluish Grey)

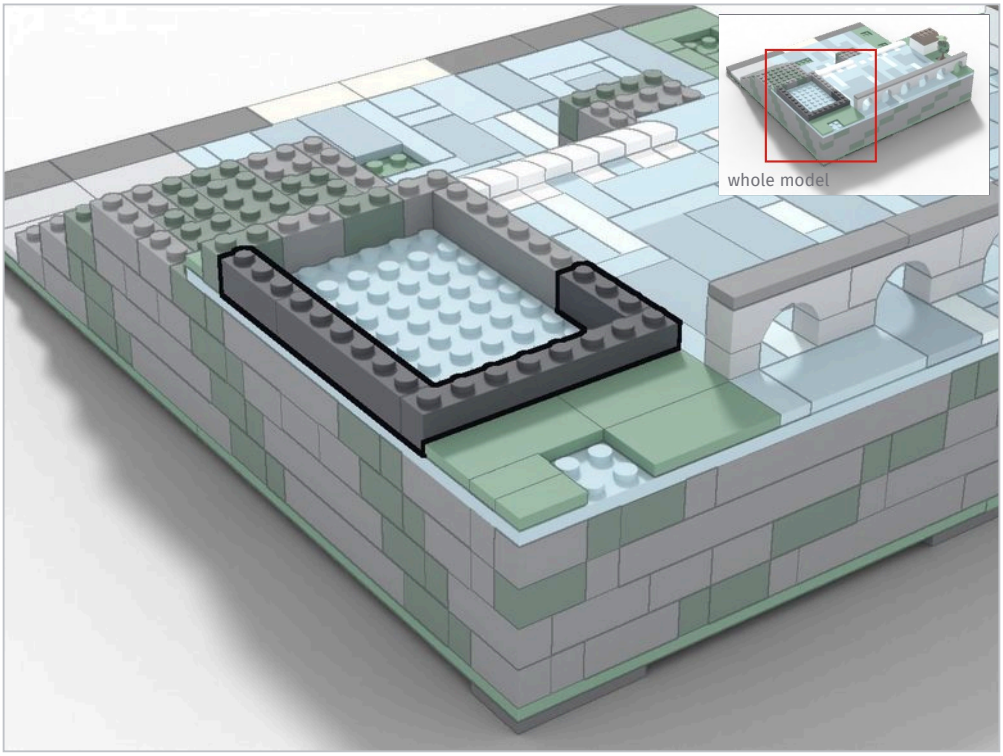


2x
Dark green
(Dark Green)

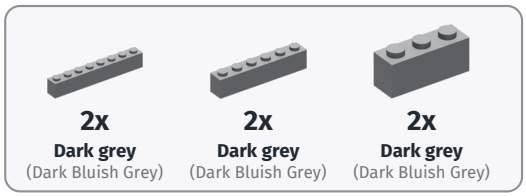


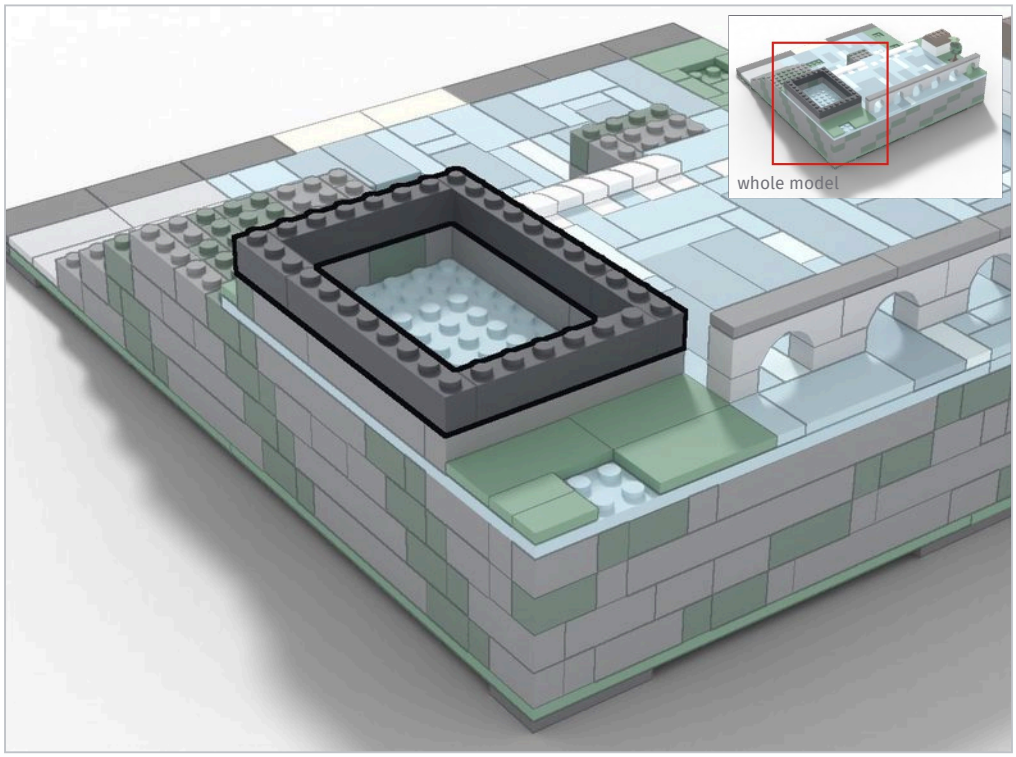
135


1x
Dark grey
(Dark Bluish Grey)
1x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)

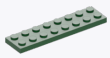

whole model

136

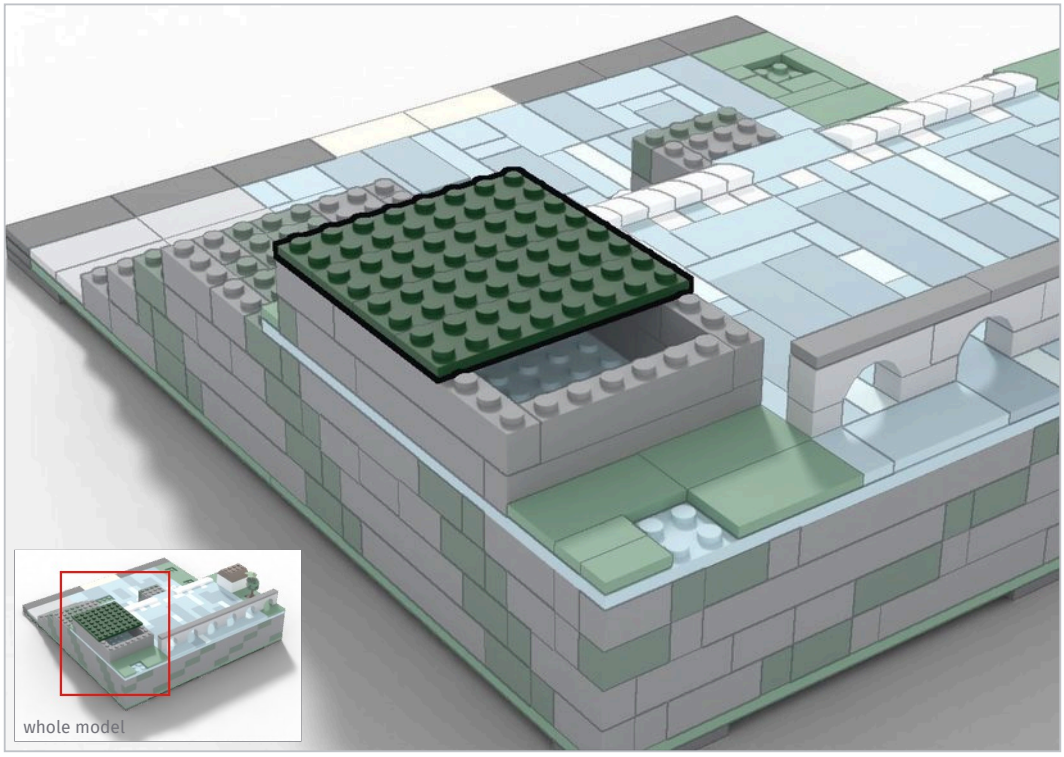

2x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)
2x
Dark grey
(Dark Bluish Grey)


whole model

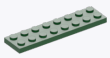
137



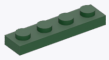
4x
Dark green
(Dark Green)



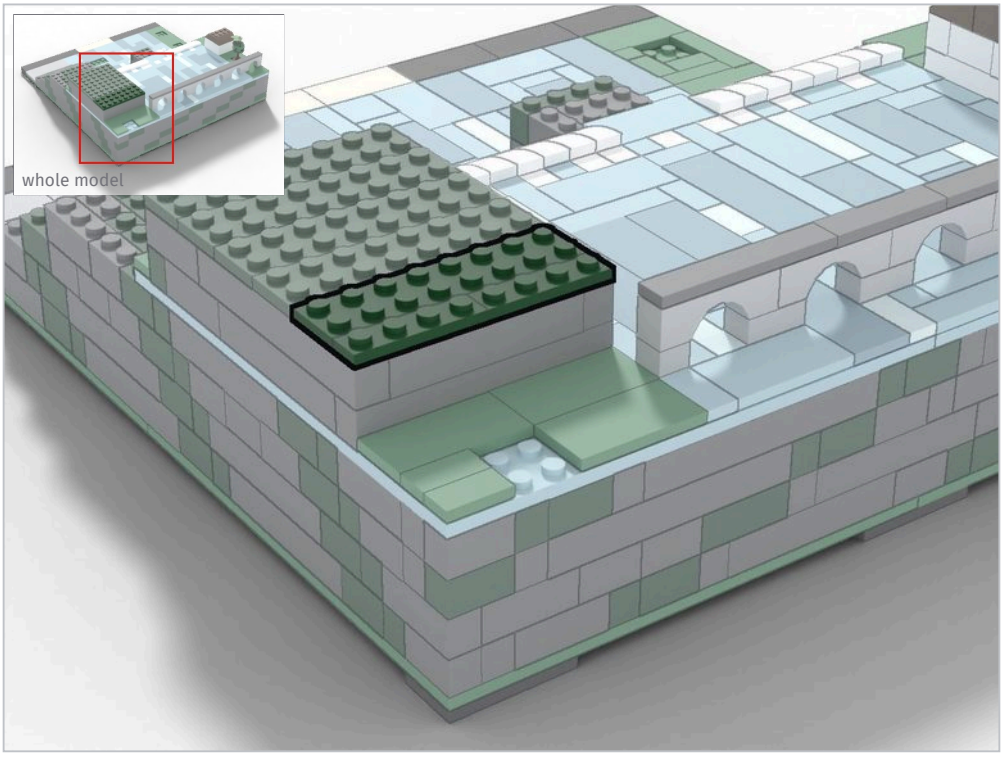
138



1x
Dark green
(Dark Green)



2x
Dark green
(Dark Green)

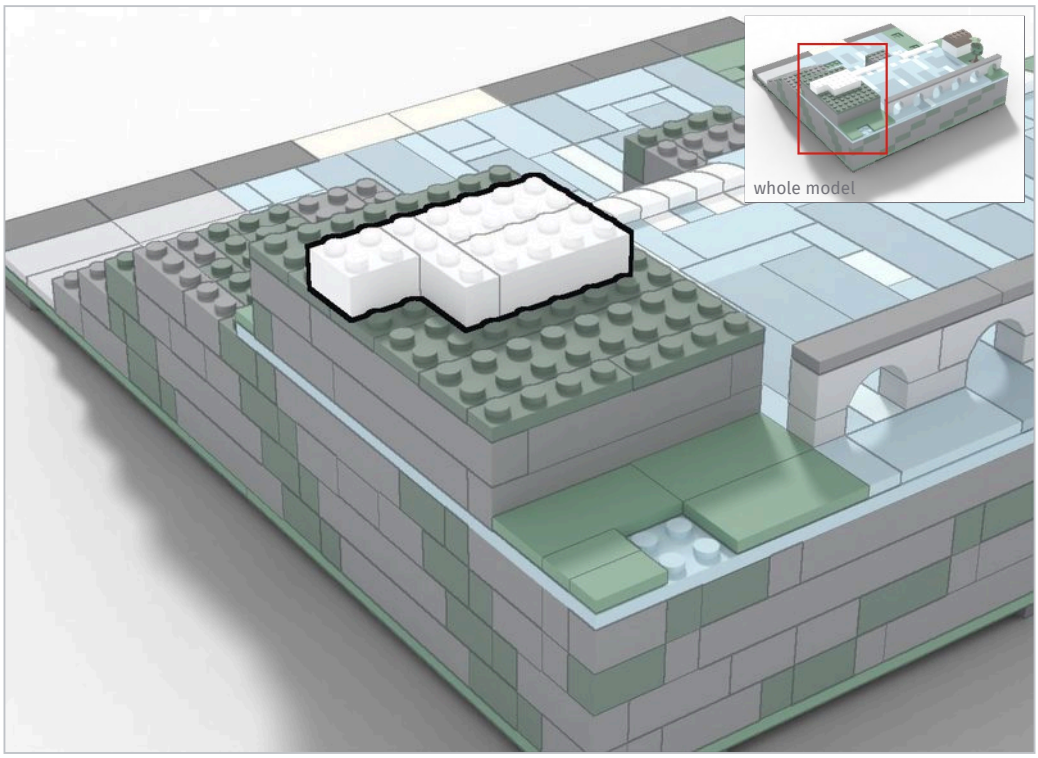


139

2x
White

1x
White

1x
White



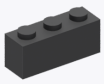


THE REAL THING

The white house with the red-brown roof is Schloss Laufen, first mentioned in 858. It stands on the cliff right above the falls.

Photo: Andreas Praefcke · CC BY 3.0

140

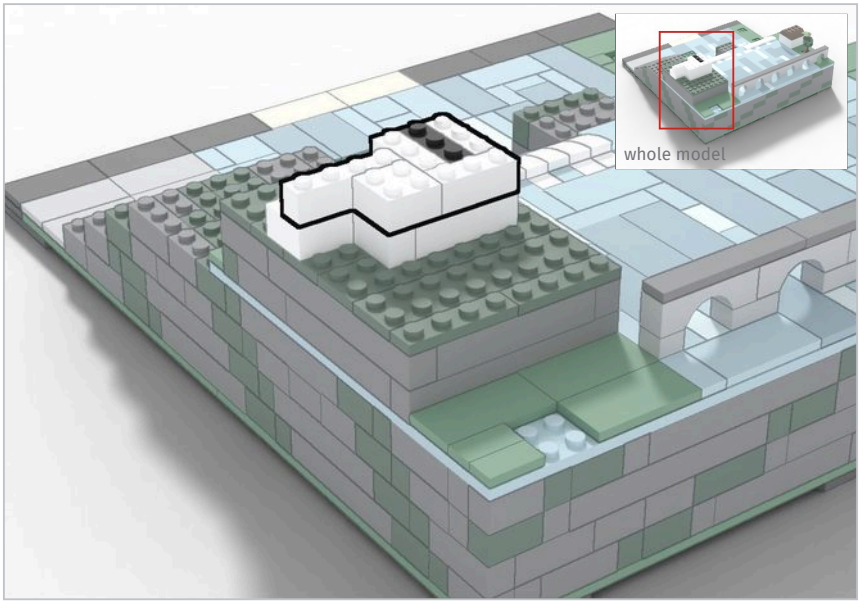


1x
Black

1x
White

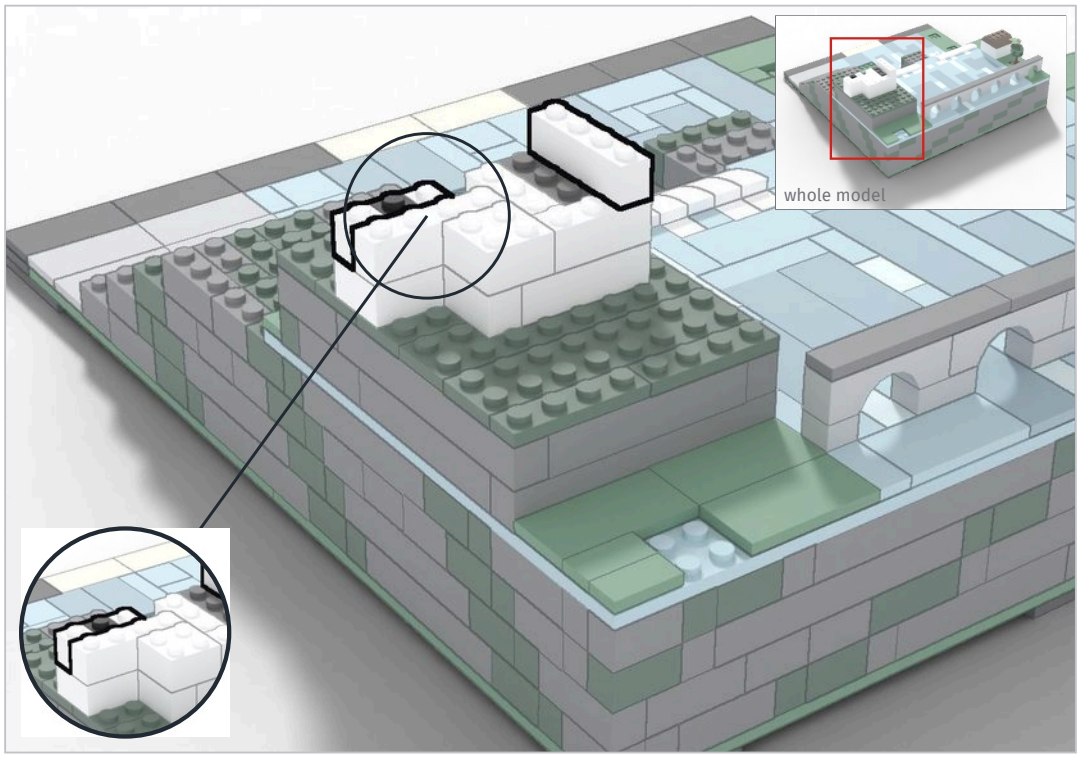
1x
White

3x
White



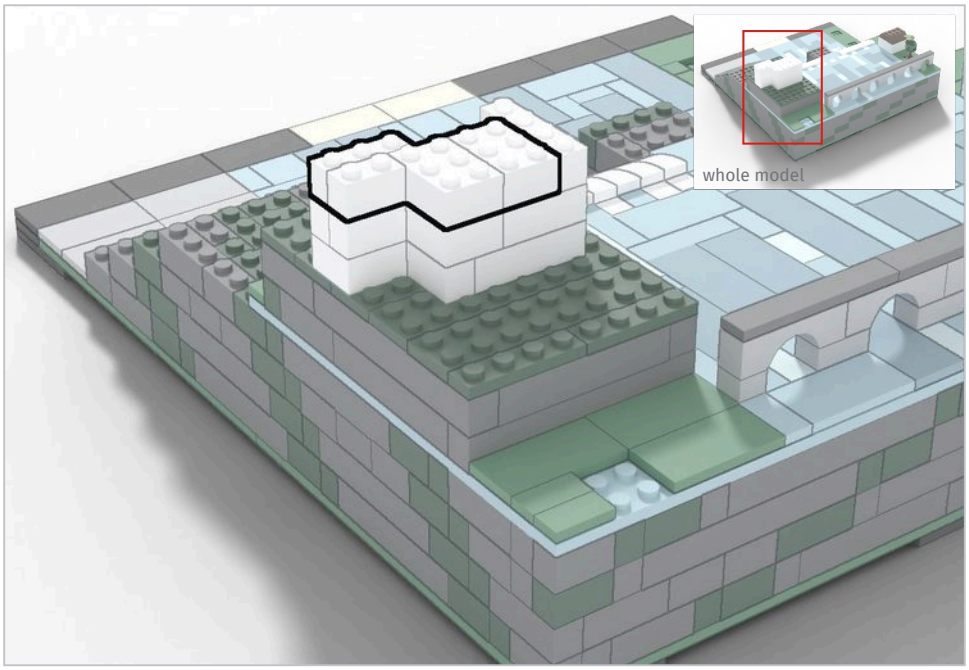
141





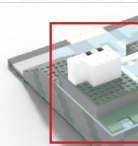
142





HIDDEN SUPPORT
The white brick under the middle of the roof holds all the roof pieces together. The roof covers it.

143



3x
Black

1x
White

144

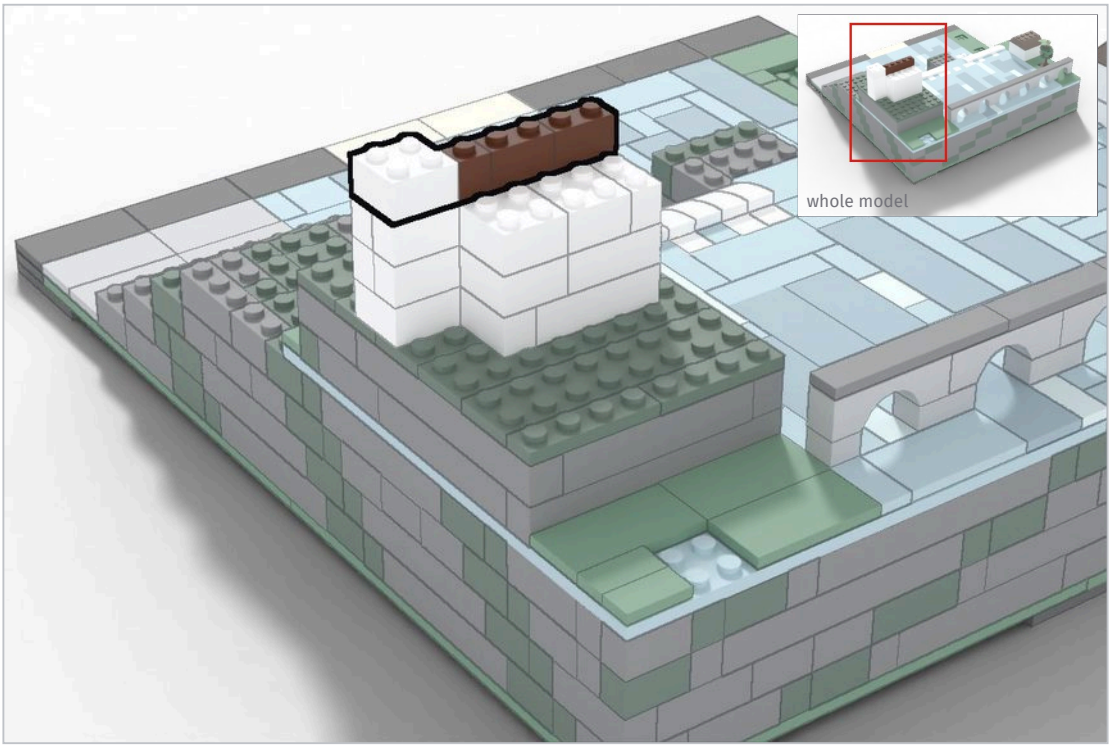
1x
White



2x
Reddish brown
(Reddish Brown)



1x
Reddish brown
(Reddish Brown)



145

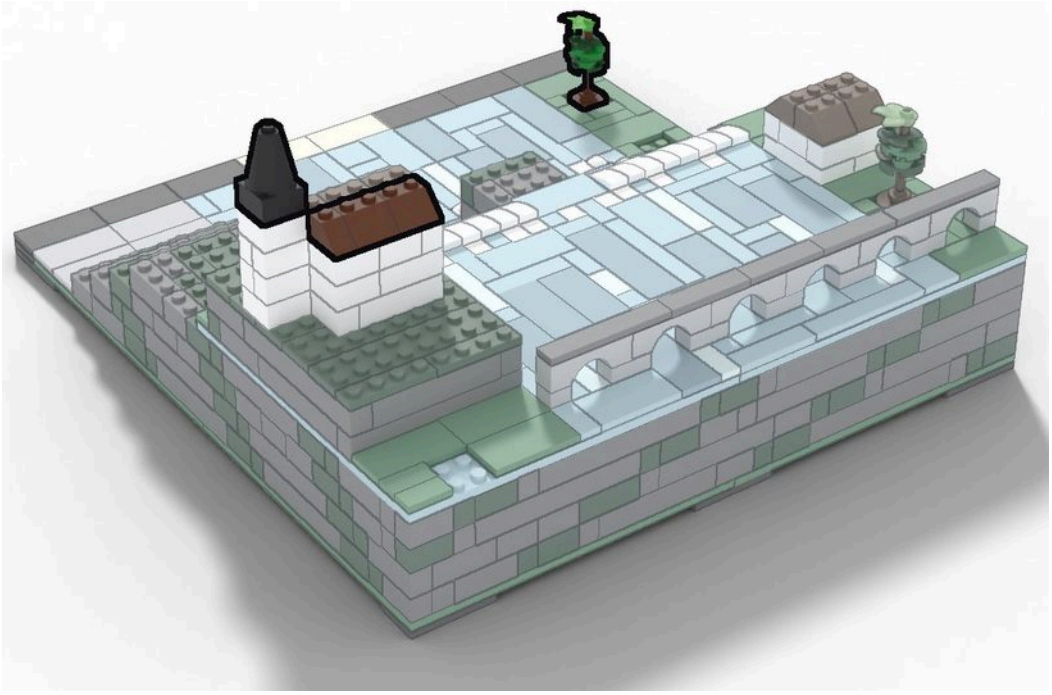

1x
Black


1x
Black


1x
Tall tree
built before


2x
Reddish brown
(Reddish Brown)

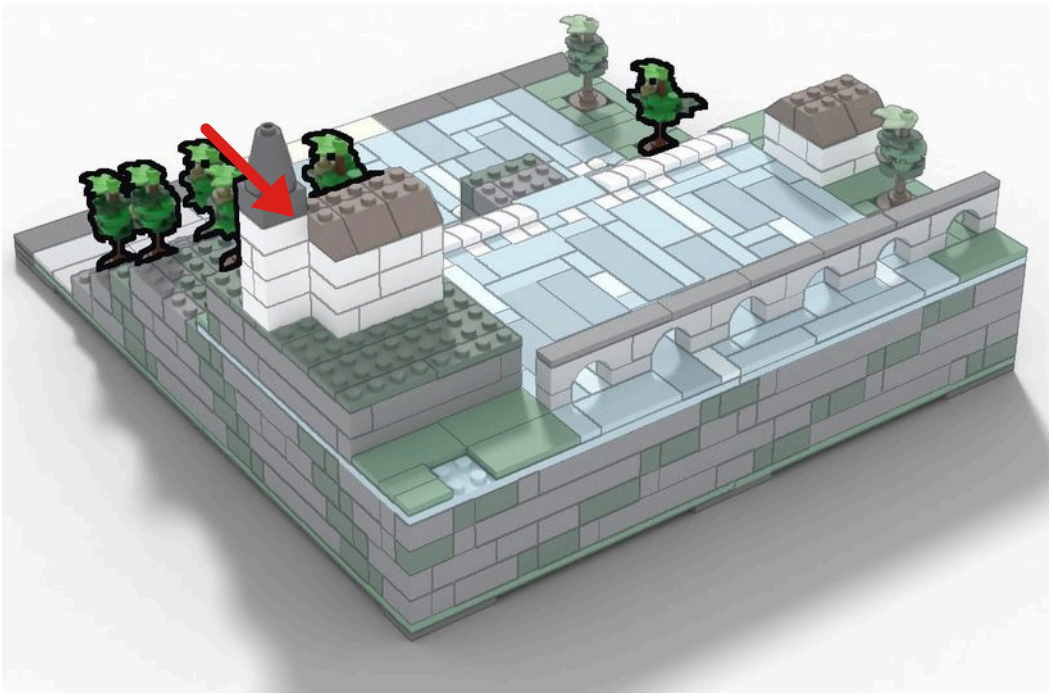

1x
Reddish brown
(Reddish Brown)



146


2x
Tall tree
built before

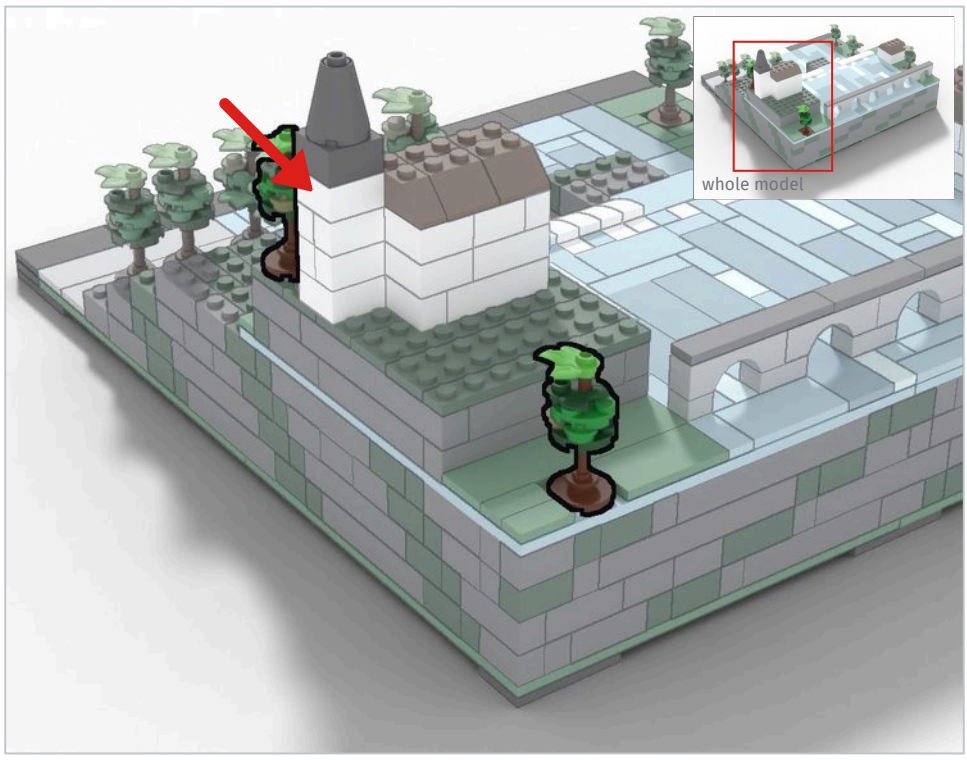

4x
Tree
built before



147



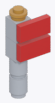
2x
Tall tree
built before



148

1x
White

1x
White



1x
Swiss flag
built before



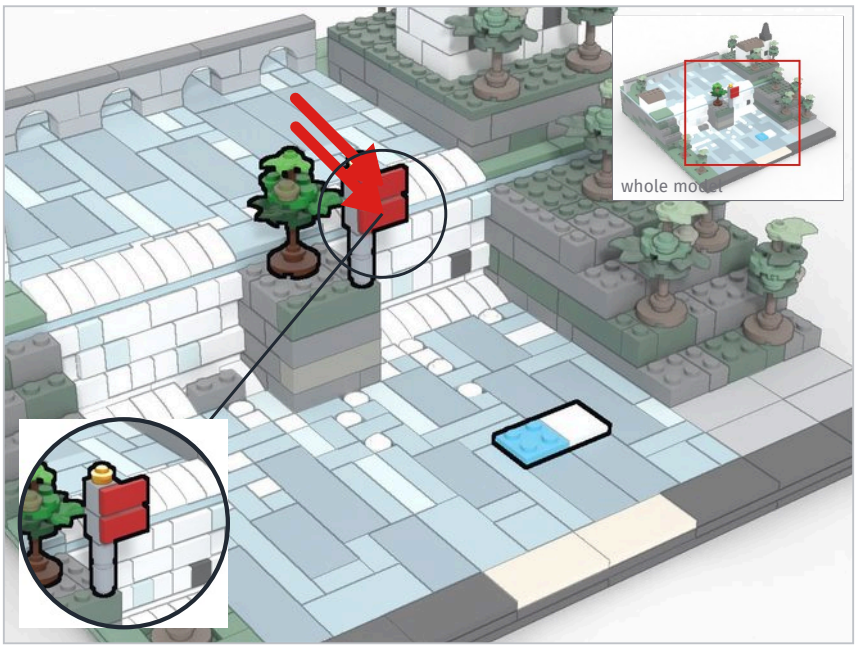
1x
Tree
built before



1x
Medium Azure



turn the model



THE REAL THING
The little boat is one of the tour boats that take visitors close to the falls and out to the big rock.

Chapter 5 done



The model is finished. Well done!

Your nameplate

Print this page at 100 % (no “fit to page”), cut out a label along the grey line and stick it on the tan 2 × 8 nameplate of the display stand. Tip: sticker paper or a strip of clear tape on top makes it last.

Rhine Falls
Schaffhausen · c. 15,000 years ago

Rhine Falls
Schaffhausen · c. 15,000 years ago

Rhine Falls
Schaffhausen · c. 15,000 years ago

Rhine Falls
Schaffhausen · c. 15,000 years ago

Rhine Falls
Schaffhausen · c. 15,000 years ago

Rhine Falls
Schaffhausen · c. 15,000 years ago

Labels: three colours to choose from (tan, navy, Swiss red).

Parts list



1x
3003 · Black



4x
3005 · Black



5x
3020 · Black



3x
3034 · Black



12x
3035 · Black



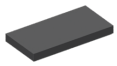
1x
3070 · Black



1x
3622 · Black



1x
3942c · Black



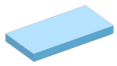
6x
87079 · Black



11x
32607 · Bright Green



8x
69729 · Dark Azure



12x
87079 · Dark Azure



3x
2431 · Dark Bluish Gray



22x
2456 · Dark Bluish Gray



17x
3001 · Dark Bluish Gray



13x
3002 · Dark Bluish Gray



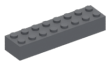
8x
3003 · Dark Bluish Gray



25x
3004 · Dark Bluish Gray



15x
3005 · Dark Bluish Gray



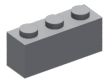
8x
3007 · Dark Bluish Gray



20x
3008 · Dark Bluish Gray



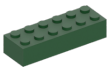
23x
3009 · Dark Bluish Gray



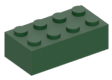
16x
3622 · Dark Bluish Gray



2x
6636 · Dark Bluish Gray



3x
2456 · Dark Green



3x
3001 · Dark Green



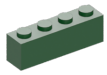
10x
3003 · Dark Green



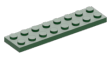
32x
3004 · Dark Green



23x
3005 · Dark Green



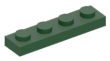
11x
3010 · Dark Green



5x
3034 · Dark Green



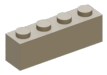
16x
32607 · Dark Green



2x
3710 · Dark Green



11x
4032 · Dark Green



1x
3010 · Dark Tan



6x
2431 · Green



6x
3069 · Green



3x
3070 · Green



5x
32607 · Green



11x
4032 · Green

17x
4073 · Green

5x
63864 · Green

8x
87079 · Green

4x
91405 · Green

5x
3004 · Light Bluish Gray

2x
3005 · Light Bluish Gray

2x
3062 · Light Bluish Gray

6x
3659 · Light Bluish Gray

Parts list



4x
87079 · Light Bluish Gra



2x
87087 · Light Bluish Gra



11x
2431 · Medium Azure



1x
3022 · Medium Azure



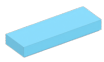
7x
3068 · Medium Azure



32x
3069 · Medium Azure



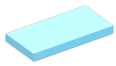
18x
3070 · Medium Azure



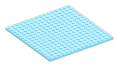
6x
63864 · Medium Azure



6x
6636 · Medium Azure



8x
87079 · Medium Azure



2x
91405 · Medium Azure



11x
4073 · Olive Green



1x
4073 · Pearl Gold



2x
3069 · Red



11x
18674 · Reddish Brown



11x
30374 · Reddish Brown



8x
3039 · Reddish Brown



2x
3040 · Reddish Brown



11x
85861 · Reddish Brown



2x
87079 · Tan

9x
11477 · Trans-Clear

2x
3069 · Trans-Clear

13x
3070 · Trans-Clear

6x
98138 · Trans-Clear



5x
2431 · Trans-Light Blue



11x
3069 · Trans-Light Blue



5x
3070 · Trans-Light Blue

2x
11211 · White

21x
11477 · White

5x
3001 · White

2x
3002 · White

3x
3003 · White

2x
3004 · White

4x
3005 · White

1x
3008 · White

4x
3009 · White

5x
3010 · White

1x
3020 · White



10x
30414 · White

1x
3068 · White

13x
3069 · White

18x
3070 · White

5x
3622 · White

9x
4073 · White

The cave that showed itself once

Look at the rock on the castle side, just behind the spray: there is a small dark hole.

A cave hides there behind the water. It was last seen in April 1921, when the Rhine carried only 95 cubic metres a second, the lowest ever recorded.

The falls themselves were nearly tamed for electricity, until about 150,000 people signed a petition to protect them in 1951.

Sources and credits

• Rheinfall (German Wikipedia): https://de.wikipedia.org/wiki/Rheinfall (Wikipedia (CC BY-SA), used for facts only)

• Rhine Falls (English Wikipedia): https://en.wikipedia.org/wiki/Rhine_Falls (Wikipedia (CC BY-SA), used for facts only)

• Schloss Laufen (German Wikipedia): https://de.wikipedia.org/wiki/Schloss_Laufen (Wikipedia (CC BY-SA), used for facts only)

• Rhyfall Mändli (boat operator): https://rhyfall-maendli.ch/ (Official site of the boat company, used for facts only)

• History text written in our own words from the sources above; facts checked in at least one source.

• Maps: © OpenStreetMap contributors (ODbL).

• Part geometry: LDraw parts library (CC BY 4.0). Instructions, model and renders: CC BY-NC 4.0, free to share with credit, no commercial use.

• An independent, non-commercial hobby project, not affiliated with any brick manufacturer.

Rhine Falls

Schaffhausen

Scan for this landmark online: the instructions, its story and the parts order (one Pick a Brick order for all the bricks, or a BrickLink Wanted List).

https://myswissbricktrip.com/landmarks/rheinfall.html

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