



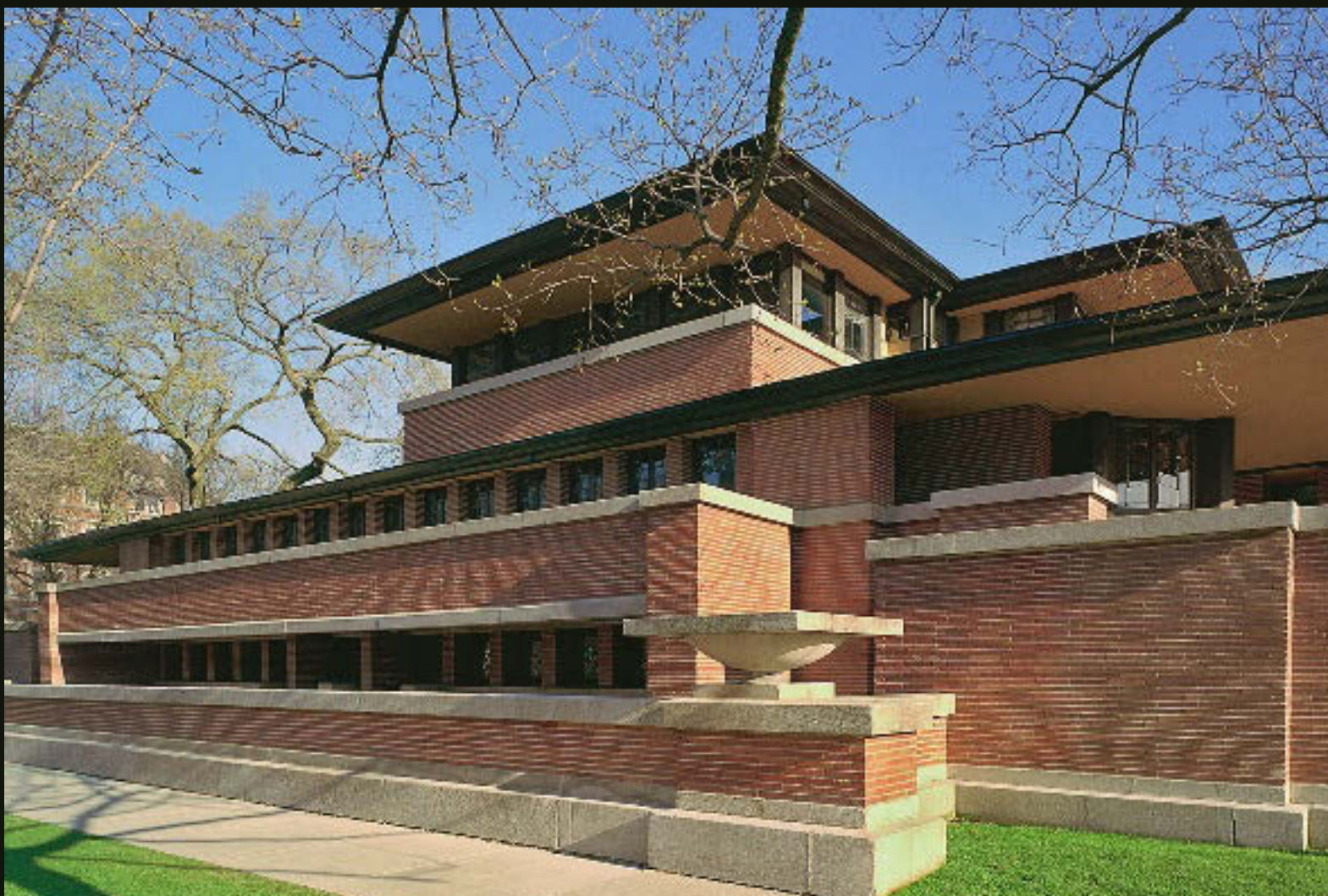
# Architecture

## Robie™ House

Chicago, Illinois, USA







© Frank Lloyd Wright Preservation Trust

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FLWFDN



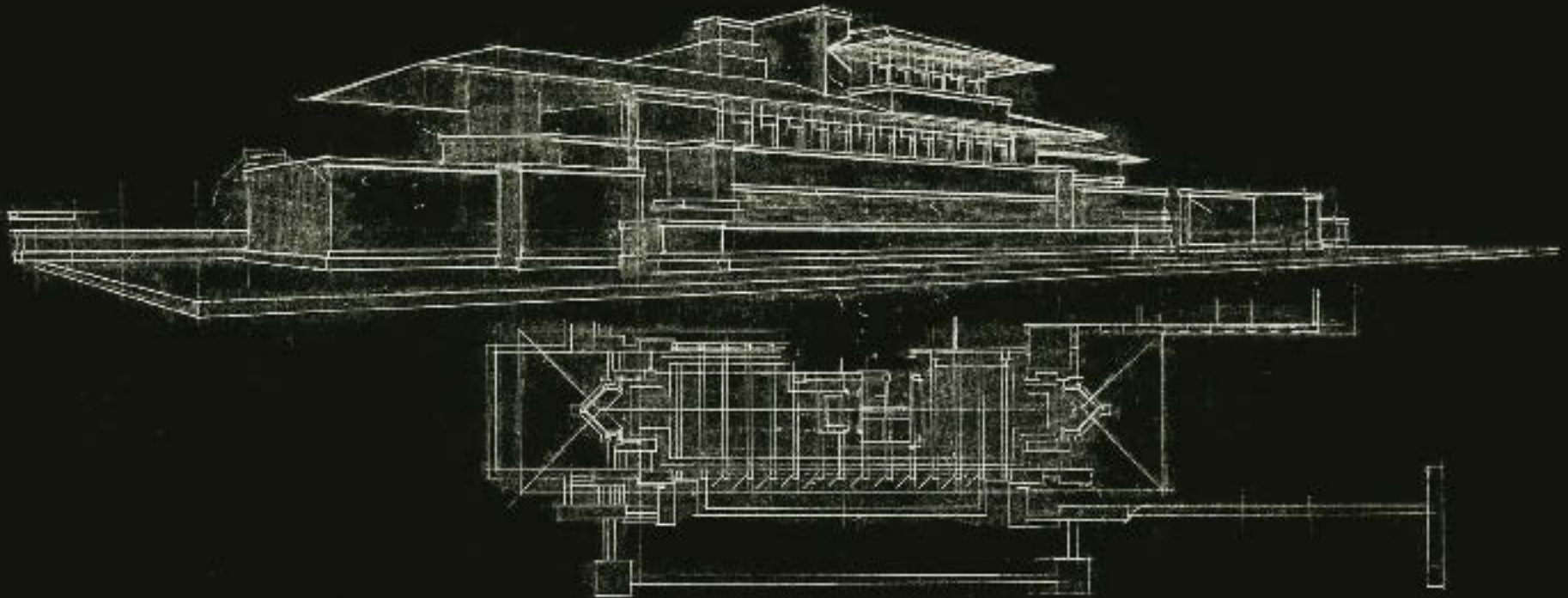
# Frederick C. Robie™ House

Frederick C. Robie™ House, completed in 1910, is widely considered to be Frank Lloyd Wright's most accomplished Prairie style work. This architectural style, the first that was uniquely American, is characterized by dominating horizontal lines, banded rows of windows, and spacious and open interior plans. The exterior is dominated by gently sloping roofs and building materials in line with Wright's ideas on the nature of materials: brick, wood, steel, limestone, and concrete stucco, the last-named being used to cover the massive expanses of soffits under the cantilevered porches.

Homes like these were designed to offer their owners great vistas from the

many windows and balconies. Open spaces on the first and second floors of the interiors of the homes were intended to continue to the outside through these windows. The relationship between architecture and nature—one of the most important influences on Wright—is emphasized throughout the open and flowing design of Frederick C. Robie™ House.

*"We of the Middle West are living on the prairie. The prairie has a beauty of its own and we should recognize and accentuate this natural beauty, its quiet level."* Frank Lloyd Wright



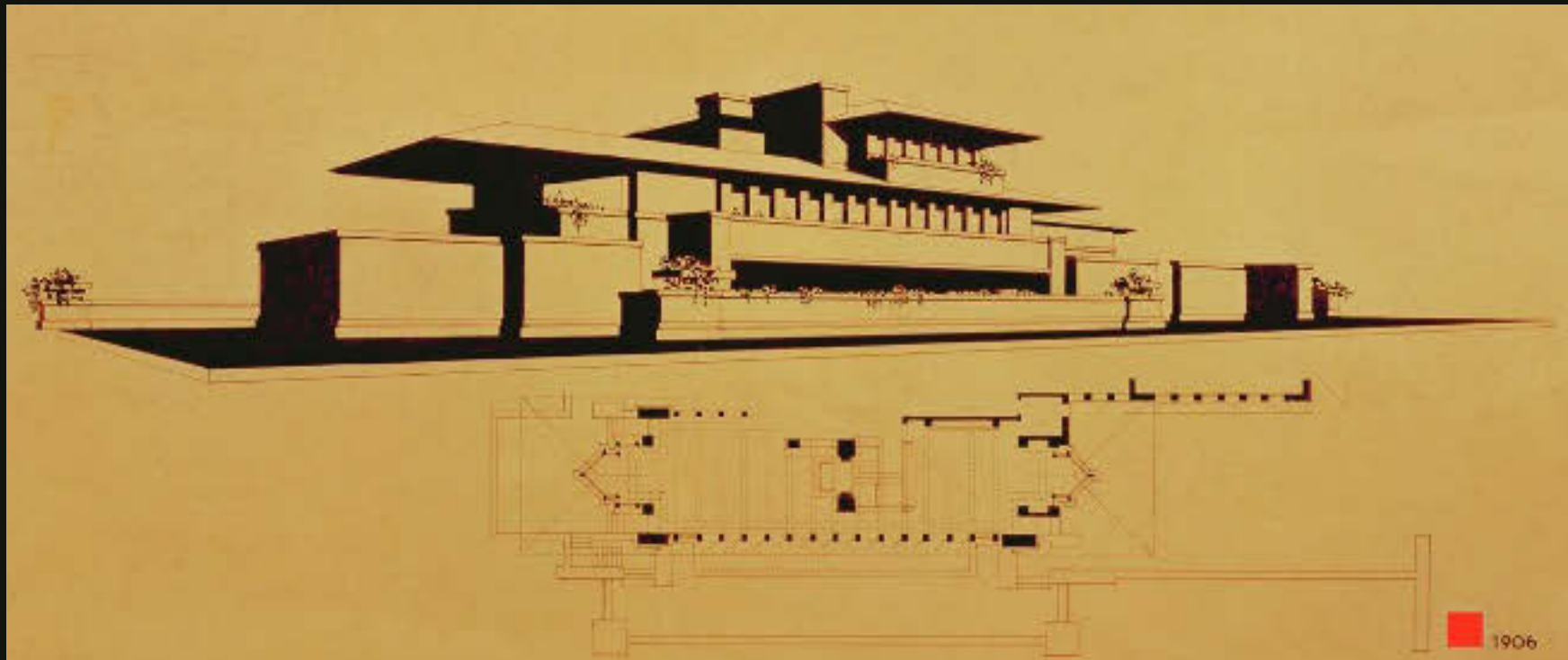
# The design & construction of Frederick C. Robie™ House

In 1908, Frederick C. Robie, a young and ambitious Chicago businessman, decided he wanted to build a “sturdy, functional and strikingly modern” home for his family in Hyde Park, an elegant Chicago neighborhood and home to the campus of the University of Chicago.

Robie wanted a house with an abundance of light and great views of the surrounding neighborhood, yet one that also maintained his family's privacy. He didn't like small confining rooms and thought that flowing spaces were essential in a well designed home. In Frank Lloyd Wright, he found an architect who not only agreed with these ideals, but who could transform them into a unique physical expression.

*“From the first we had a definite community of thought.”* Frederick Robie, on meeting Frank Lloyd Wright.

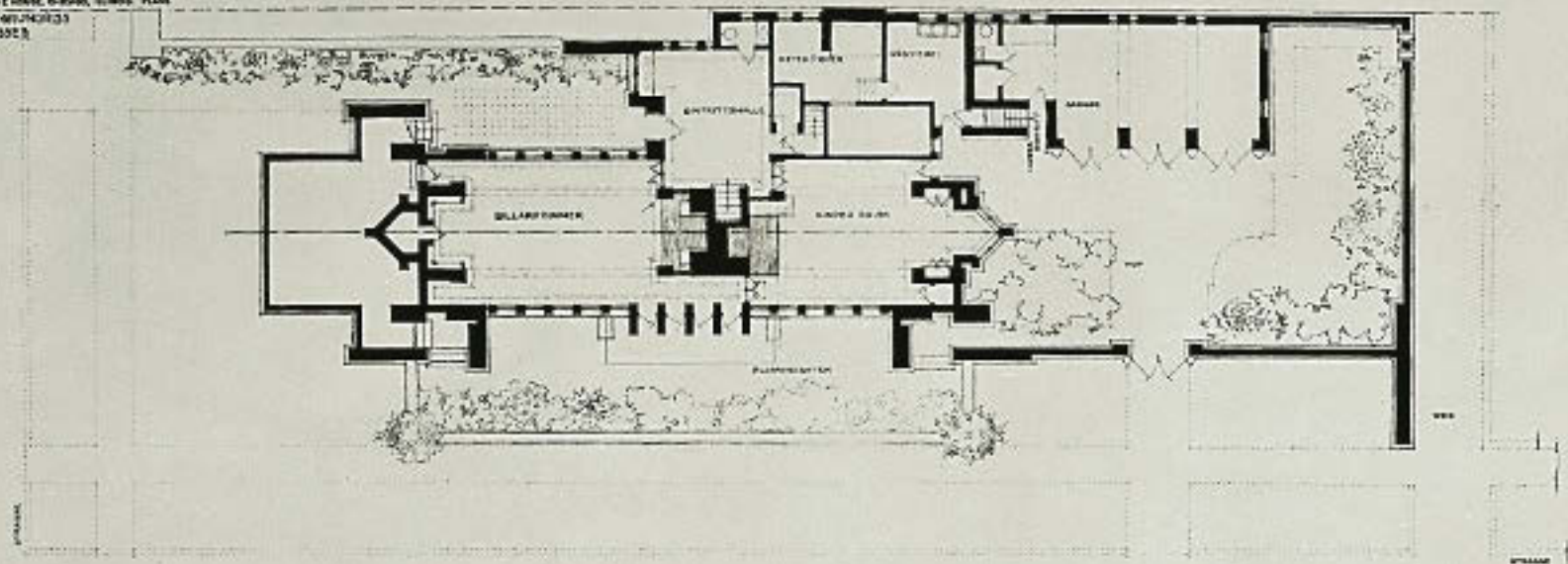
The actual site itself helped determine Frank Lloyd Wright's ideas and plans. Measuring 18 meters (60 ft.) by 55 meters (180 ft.), the corner lot was three times as long as it was wide. These dimensions led Wright to think of the home in terms of long, narrow rectangles. The home therefore consists primarily of two long and narrow “vessels,” each similar in shape to the hull of a ship, one set on top and slightly off-center of the other. When viewed from above, the two vessels are easy to see; however, from the street, each blends into the other, forming what looks like a single, continuous horizontal structure.



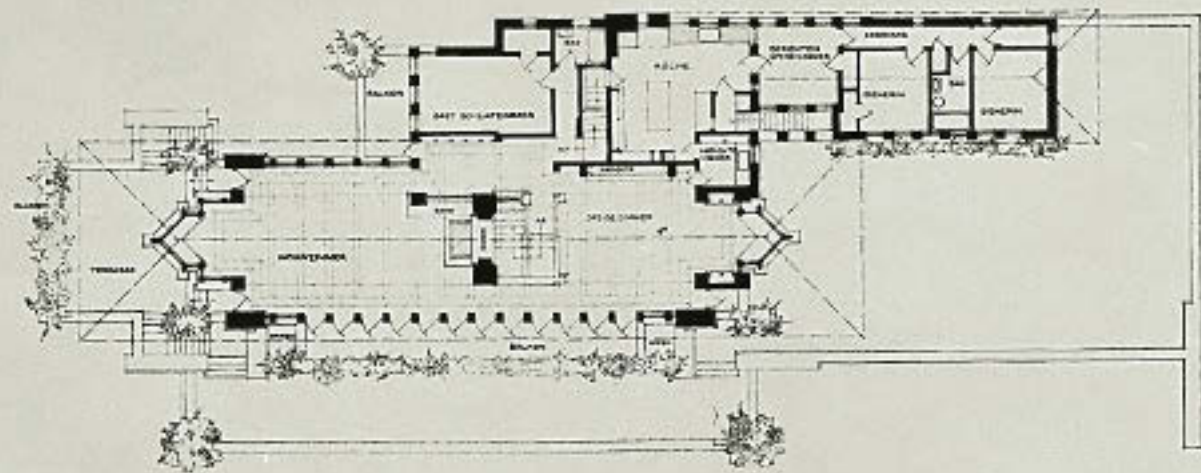
Exterior drawing (FLWFDN ©2011)



PLATE 66. FREDERICK E. ROBE HOUSE, B-5040, 1930-35. PLANS  
LAGEPLAN UND QUERSCHNITT  
DES ERDGESCHOSSES



GRUNDEISS DES HAUPTRECHENGEDES



To further emphasize the horizontal lines of the house, the horizontal joints of the red-orange, iron-spotted Roman bricks were filled with a cream-colored mortar and the small vertical joints were filled with brick-colored mortar. From a distance, this complex and time-consuming process creates an impression of continuous lines of horizontal color and minimizes the appearance of individual bricks.

Robie House was one of the first residences to incorporate steel beams directly into its design. These strong beams in the ceilings and floors were necessary to create the cantilevered balconies, which appear to be suspended in mid-air.

As the steel beams also carry most of the building's weight, the exterior walls have little structural function, which in turn allowed Wright to fill them with large numbers of doors and windows. More importantly, the steel structure eliminated the need for internal structural columns and walls, thus underlining the overall open plan favored by both Wright and Robie.

*"Both Mr Wright and myself were highly in accord on every line to the last inch. And we agreed that there should be no deviation whatsoever from these specifications."* Frederick Robie, on working with Frank Lloyd Wright.



*The brickwork (FLWFDN)*



*The entrance (FLWFDN)*



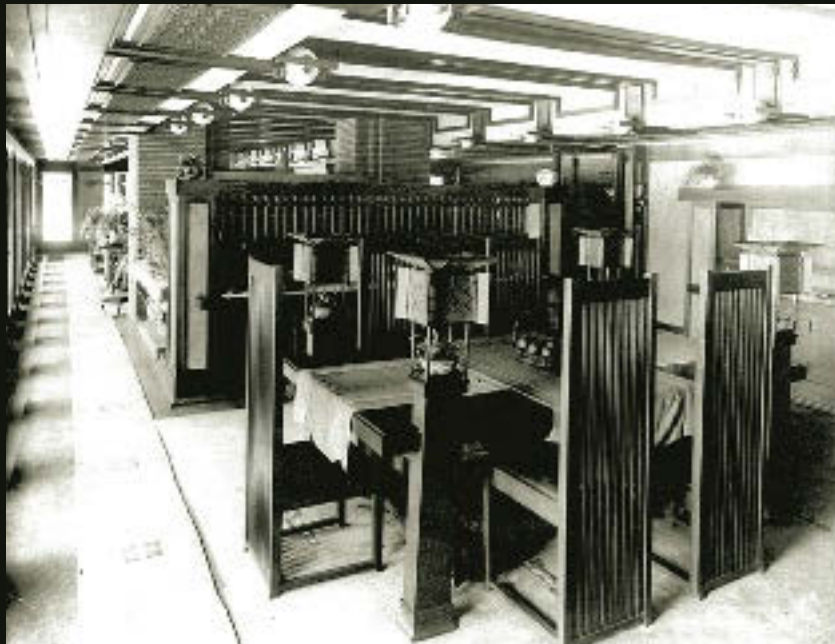
The entire building fills approximately 841.9 m<sup>2</sup> (9,062 square ft). The front door and main entrance are partially hidden on the northwest side of the building beneath an overhanging balcony in order to create a sense of privacy and protection for the family. The entrance hall itself is low-ceilinged and dark, but the stairs to the second floor create a sense of anticipation as the visitor moves upward. Once upstairs, the 'light filled' living and dining rooms create a sharp contrast to the dark entrance hall, making the living areas seem even more spacious.

The ground floor of Robie™ House was designed for general everyday use, with a billiard room, playroom, and service areas. The first floor contains a kitchen and guest room as well the home's formal areas, including the living and dining

rooms. These two rooms are separated by a central chimney mass, but the spaces are connected along their south sides, and the chimney mass itself has an opening above the fireplace through which the rooms are visually connected.

The second floor contains the private family spaces: three bedrooms surrounding a central hall. The first floor features a long balcony that stretches nearly the entire length of the home.

When clients like the Robies hired Frank Lloyd Wright to design a home, they received more than just a house. Wright typically also provided designs for furniture, lighting fixtures, wall hangings, rugs, and, in some cases, even dishes. With Robie he worked with and supervised George Mann Niedecken to



*Dining room (FLWFDN)*



*Kitchen (© Frank Lloyd Wright Preservation Trust)*



*Living Room (FLWFDN)*

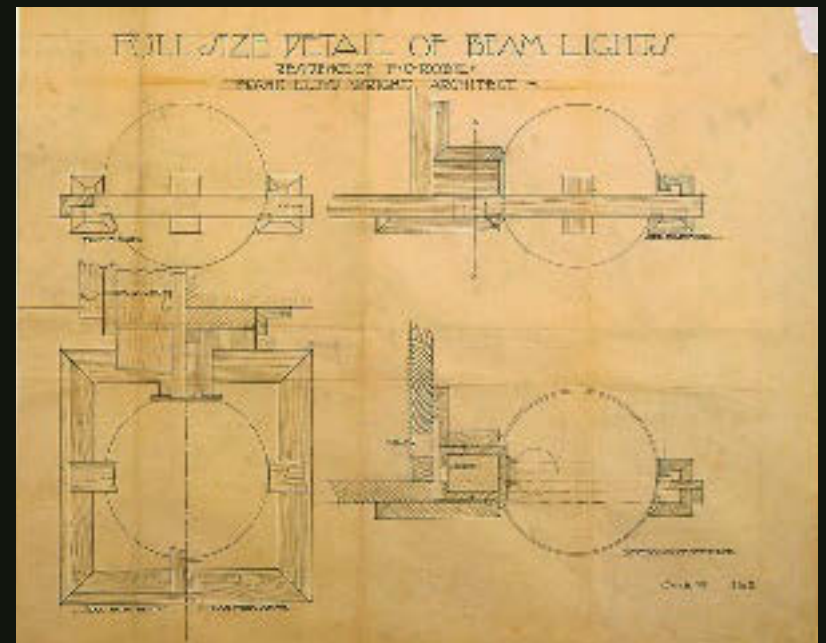
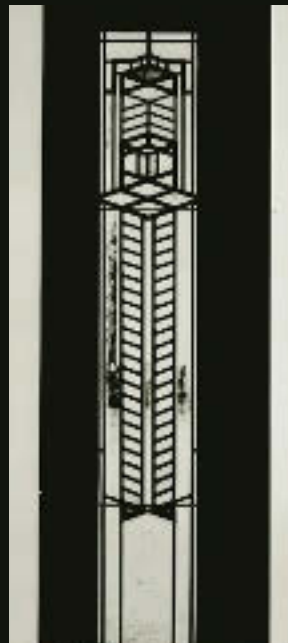
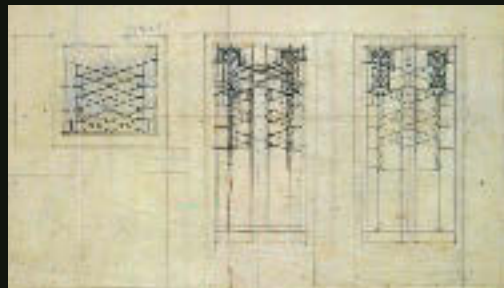


create what he termed a “complete environment.” As well as furniture for the entrance hall, dining and living rooms, Wright also created the 29 different art glass designs that can be found in 175 of the house’s window and door panels. The contractor for the project, H.B. Barnard Co. of Chicago, began construction on April 15, 1909, Frank Lloyd Wright did not supervise the construction of the house himself except in the earliest stages. He closed his Oak Park, Illinois studio in the fall of 1909 and left for Europe, turning over his existing commissions, including the Robie House, to fellow architect Hermann von Holst.

The Robie family—Frederick, Laura, and their two children, Frederick Jr. and Lorraine—moved into the home in May 1910, although all of the final details,

including rugs and furniture, were not completed until January 1911. The final cost of the home was \$58,500—\$13,500 for the land, \$35,000 for the design and construction of the building, and \$10,000 for the furnishings. Robie’s original budget had been \$60,000.

*“I doubt very much if there was a single extra screw, or piece of hardware necessary; it was perfectly wonderful. ...The detailed arrangement was so perfect that Barnard (the builder) afterwards told me that he might as well have been making a piece of machinery.”* Frederick Robie, on the building process.



Glass and light fixture design (FLWFDN)

## From 1910 to today

Unfortunately, the Robie family's tenure in their new home was short-lived. As a result of financial problems caused by the death of his father and the deterioration of his marriage, Robie was forced to sell the house after living in it for only 14 months.

Robie sold the house and the majority of the custom-designed furnishings to David Lee Taylor in December 1911. Taylor, president of a Chicago-based advertising agency, bought the house as a Christmas present for his wife, Ellen, and their six sons. His Christmas card read: "To Momma/Our \$50,000 house/Pop."

Misfortune continued to follow the residents of Robie™ House, and in October 1912, Taylor died suddenly and by November, his widow, Ellen Taylor, had already sold the house to Marshall Dodge Wilber and his wife, Isadora. They, along with their two daughters Marcia and Jeanette, moved into the house on December 3, 1912. The Wilbers were the last family to live in Robie House, residing there for 14 years.

In January 1926, the Wilbers sold the Robie™ House to the Chicago Theological Seminary. The seminary used the house as a dormitory and dining hall for married students, although it was primarily interested in the site for purposes of future expansion.

In 1941, a graduate student at the Illinois Institute of Technology accidentally discovered that the Seminary was moving ahead with a plan to demolish Robie™ House to erect a new, larger dormitory on the site, and he informed his instructors, including Ludwig Mies van der Rohe. The threat of demolition aroused a storm of protest. A letter-writing campaign to save the house was organized, and Wright himself wrote a letter calling the house "a source of world-wide architectural inspiration." Although the Seminary's plans were subsequently postponed, the crisis was averted more by the onset of World War II than by a change of view by the property's owner.

A more serious threat to the existence of the Robie™ House arose 16 years later. On March 1, 1957, the Seminary again announced plans to demolish Robie House on September 15 in order to begin the construction of a dormitory for its students. This time, an international outcry arose, and Wright himself, then 89 years old, returned to the Robie House accompanied by the media, students

and neighborhood organizers to protest against the intended demolition. Commenting on the threatened demolition, Wright quipped, "It all goes to show the danger of entrusting anything spiritual to the clergy."

The threat of demolition was only averted when William Zeckendorf, a friend of Wright and president of a New York-based development firm, bought the house from the Chicago Theological Seminary in August 1958. He donated the house to the University of Chicago in 1963. For the next 34 years, the University used Robie™ House as offices: first to house the Adlai E. Stevenson Institute of International Affairs and later as the headquarters for the University's Alumni Association.

In January 1997 the University handed over the running of the house to the Frank Lloyd Wright Preservation Trust. Beginning in March 2002, the Preservation Trust began a historic multi-year restoration of the Robie™ House, with the aim of returning the building to its original condition when completed in 1910.

It is difficult, if not impossible, to discuss modern American or international architecture without mentioning the significance of Robie™ House. Amongst all the plaudits the house has received, two special distinctions stand out. In April 1957, it was the first building to be declared a Chicago Landmark by the newly-formed Commission on Chicago Architectural Landmarks. And in November 1963, it was certified a United States Registered National Historic Landmark. The first national landmark in the city of Chicago, and the first to be selected solely on the basis of its architectural merit.

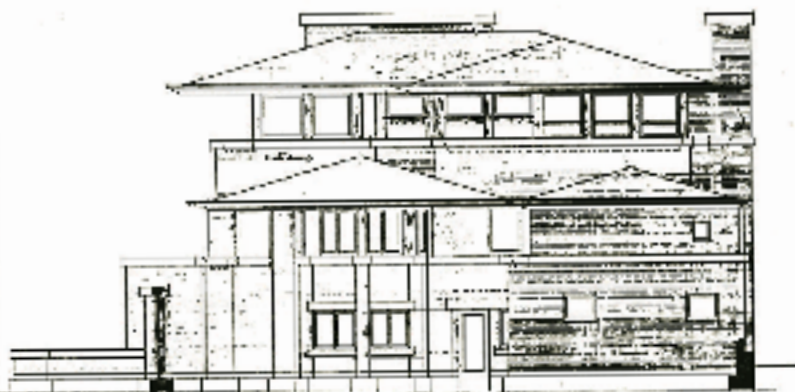
The architectural significance of the Robie™ House was probably best stated in a farsighted article in *House and Home* magazine from 1957: "Above all else, Robie™ House is a magnificent work of art. But, in addition, the house introduced so many concepts in planning and construction that its full influence cannot be measured accurately for many years to come. Without this house, much of modern architecture as we know it today, might not exist."

Frederick C. Robie was never in doubt about what he had helped to create. Long retired and living in an apartment in Cleveland, he looked fondly back to happier times and called the house named after him "the most ideal place in the world."

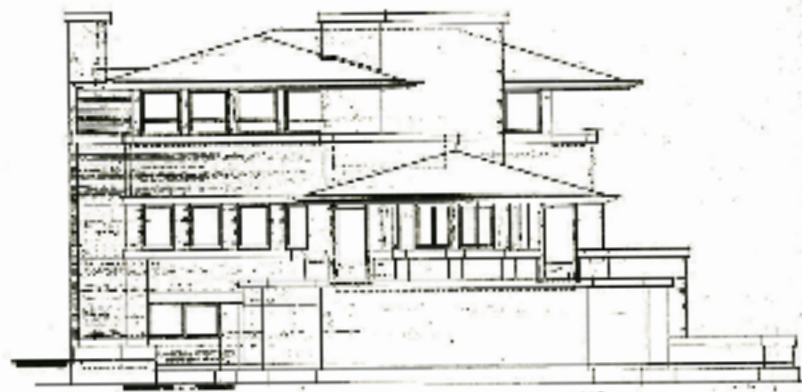




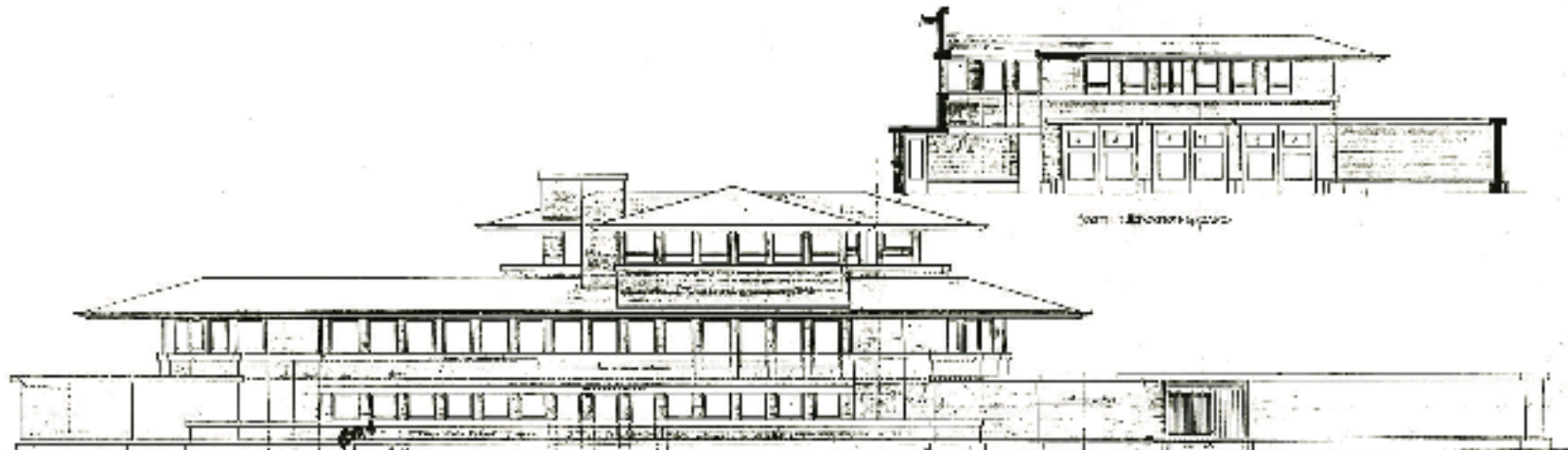
*During and after renovation (© Frank Lloyd Wright Preservation Trust)*



WEST ELEVATION



EAST ELEVATION SCALE 1/8" = 1'-0"



SOUTH ELEVATION SCALE 1/8" = 1'-0"



# Frank Lloyd Wright®

Arguably America's greatest architect and among the world's most gifted, Frank Lloyd Wright was also a man of boundless energy. In a career that spanned over 74 years, he designed more than 900 works—including houses, offices, churches, schools, libraries, bridges, museums and many other building types. Of that total, over 500 resulted in completed works. Today, over 400 of these buildings still remain.

However, Wright's creative mind was not confined to architecture. He also designed furniture, fabrics, art glass, lamps, dinnerware, silver, linens and graphic arts. In addition, he was a prolific writer, an educator and a philosopher. He authored twenty books and countless articles, and lectured throughout the United States and in Europe.

Frank Lloyd Wright was born in 1867, in the rural farming town of Richland Center, Wisconsin, just two years after the American Civil War ended and passed away at the age of 91, in 1959.

While there is evidence of Wright attending both high school and the University of Wisconsin-Madison, there is no record of him graduating from either. In 1887 Wright moved to Chicago, and by the early 1890s he was already head draftsman at the architectural firm of Adler & Sullivan. During this time he designed and built his own Oak Park home and later added an attached studio when he established his own practice. Though a tumultuous private and professional life would ensure that Wright would always be surrounded by controversy, he was also recognized as a brilliant architect by his peers.

No other architect took greater advantage of setting and environment. No other architect glorified the sense of “shelter” as did Frank Lloyd Wright. “A building is not just a place to be. It is a way to be,” he said. Wright's work—not least Robie House—has stood the test of time.

A handwritten signature of Frank Lloyd Wright in dark ink, featuring a stylized, cursive script with a registered trademark symbol at the end.

Photo: OBMA. © F.L. Wright Fdn.

# Facts about Frederick C. Robie™ House

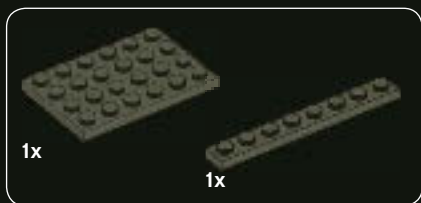
Location:..... Chicago, Illinois, USA  
Architect: ..... Frank Lloyd Wright  
Date: ..... From 1908-1910  
Construction type: ..... Residence  
Construction materials: ..... Steel beams iron-spotted Roman bricks

Style: ..... Prairie  
Original Cost:..... \$60,000  
Floor area: ..... 9,062 square feet (841.9 m²)

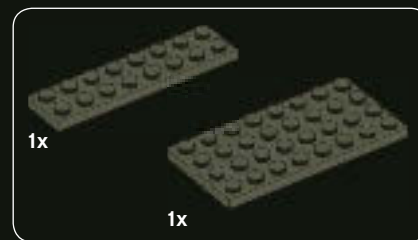
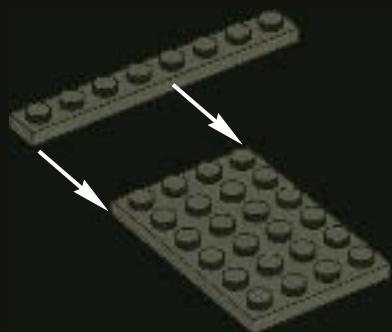


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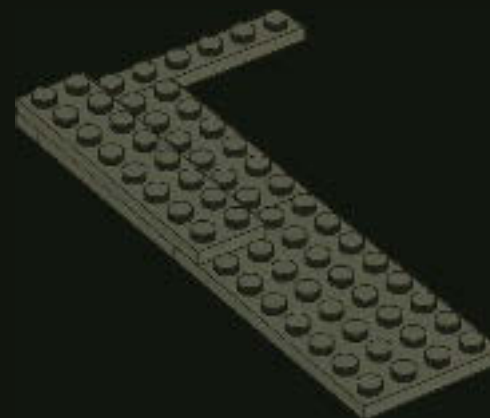


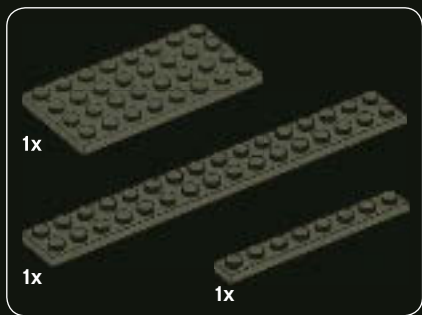


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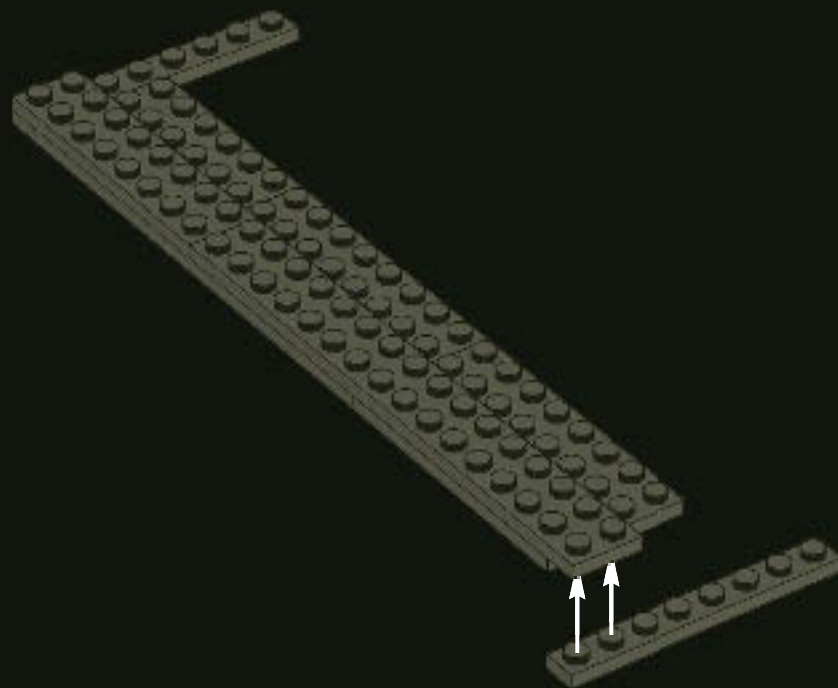


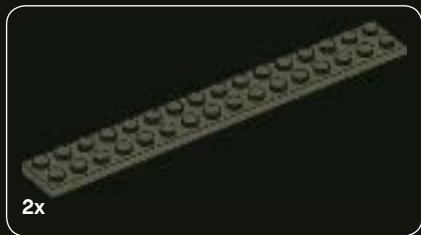
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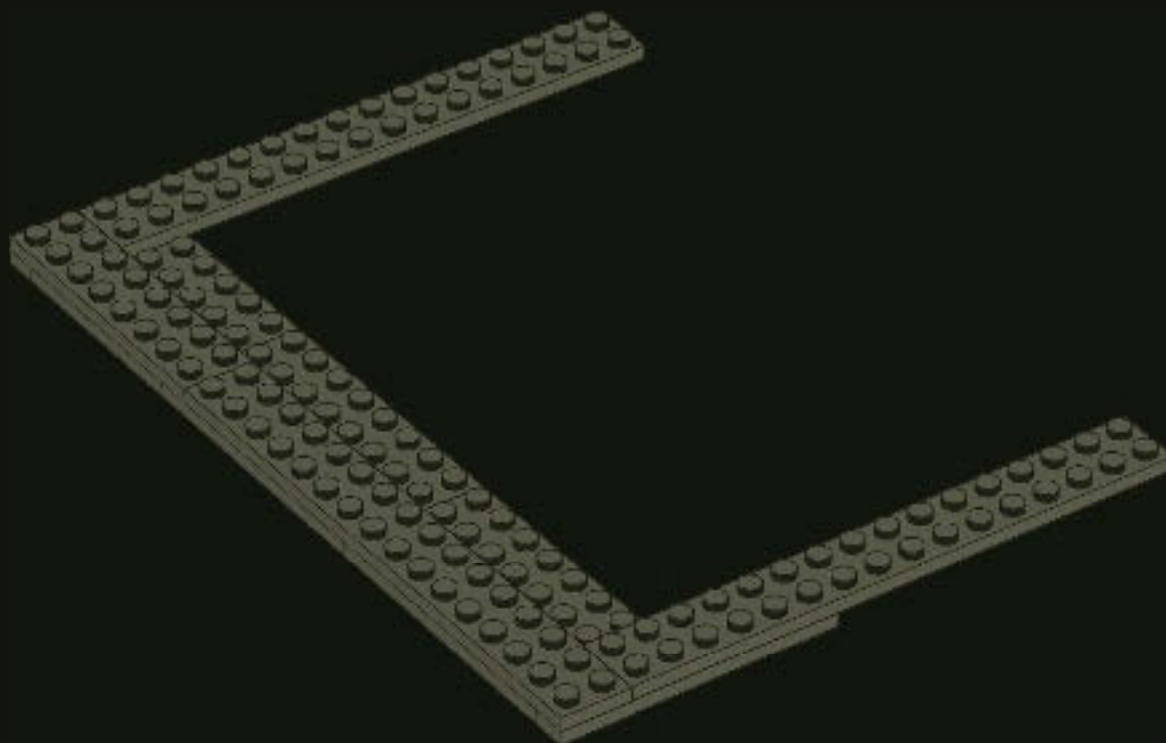


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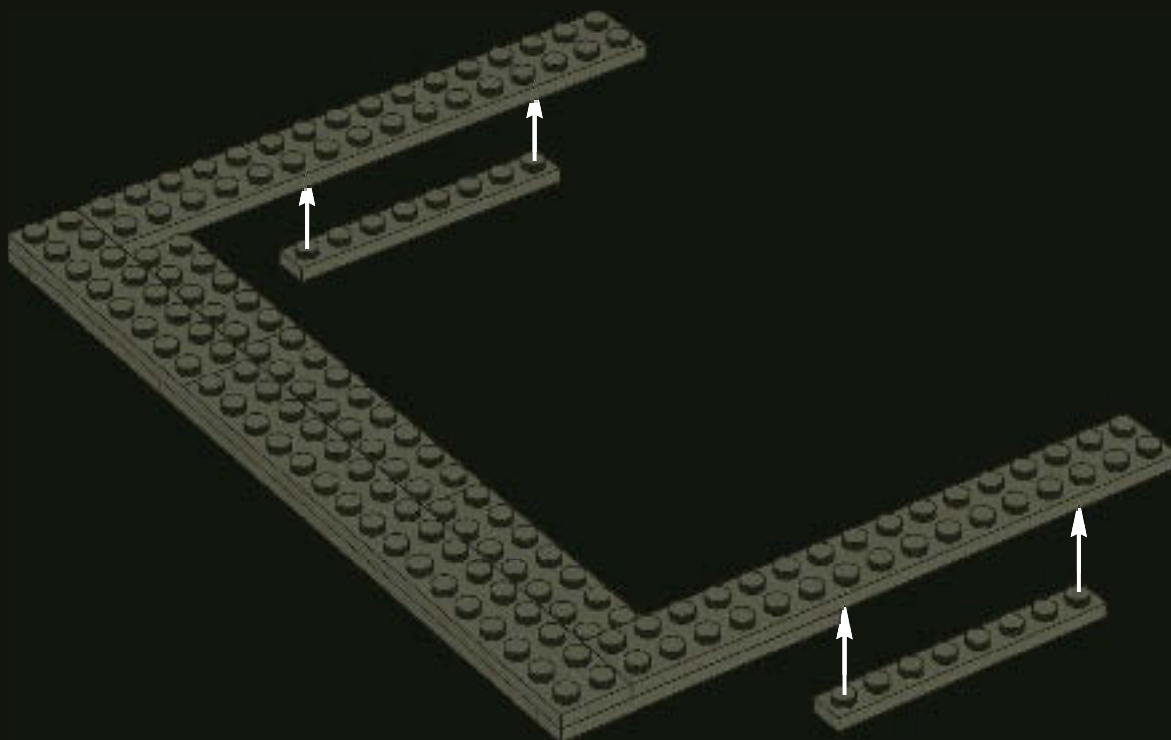
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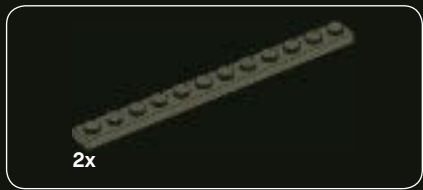




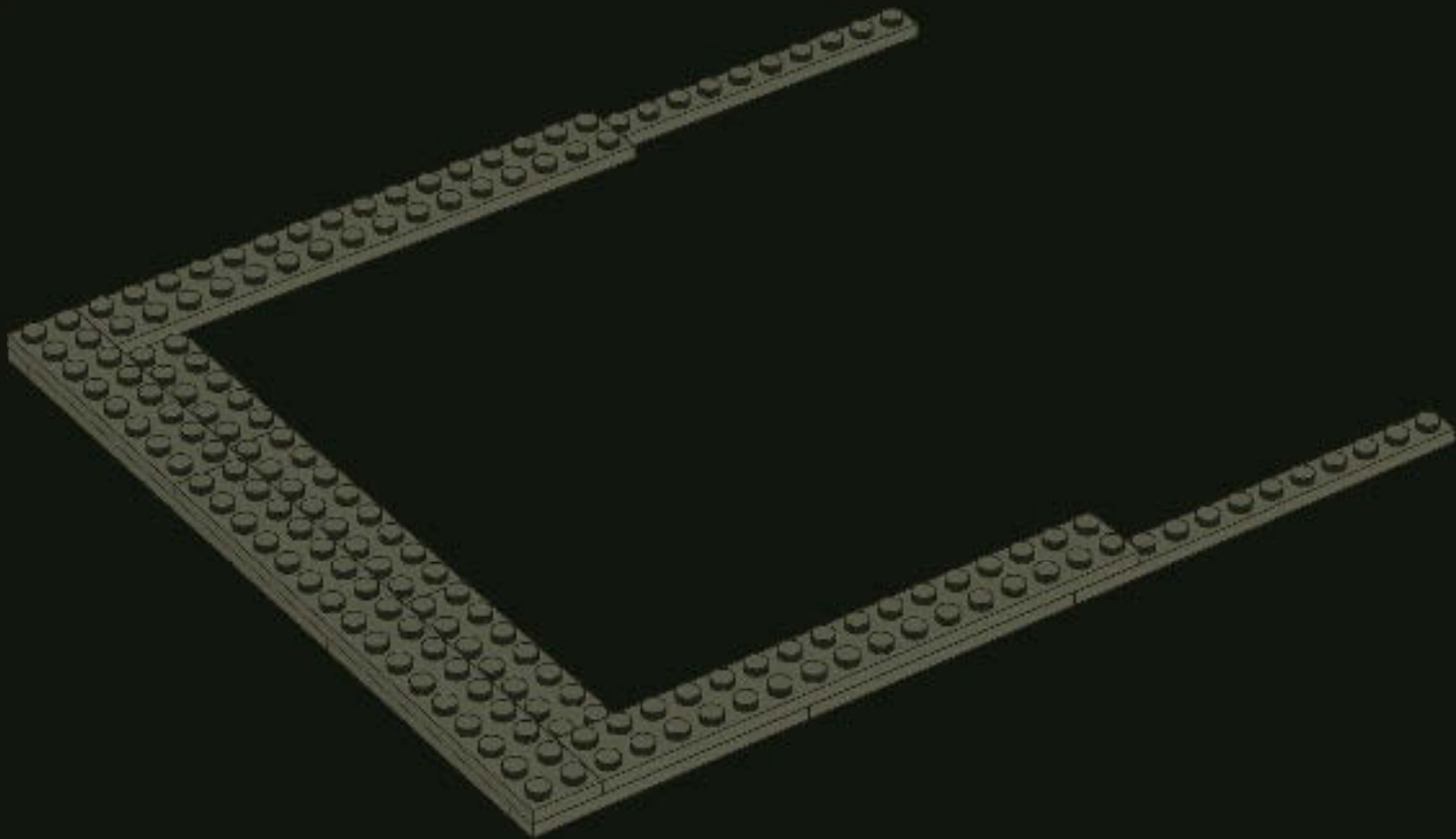


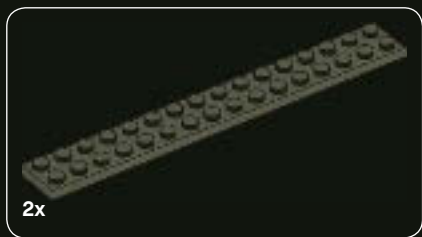
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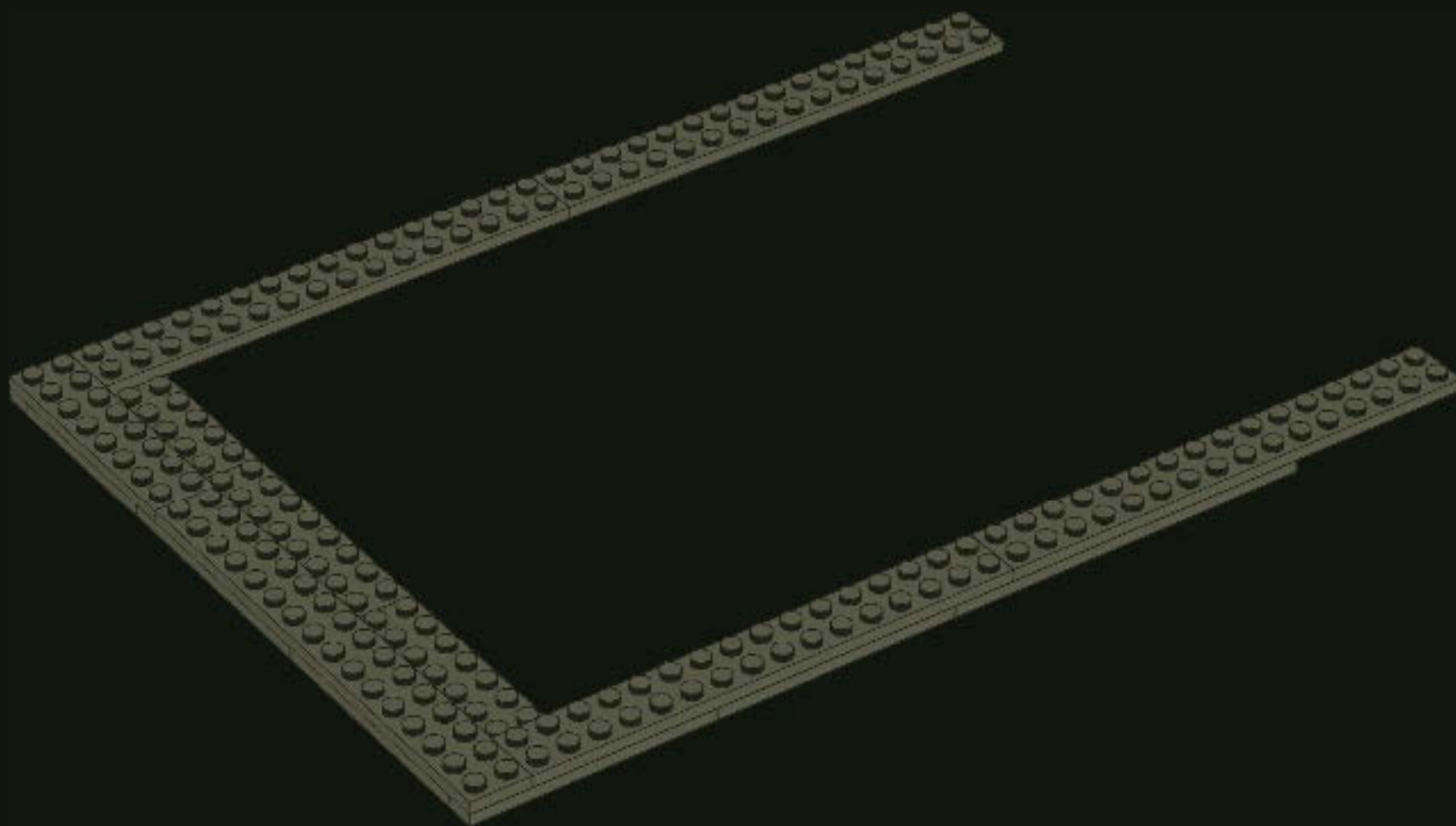


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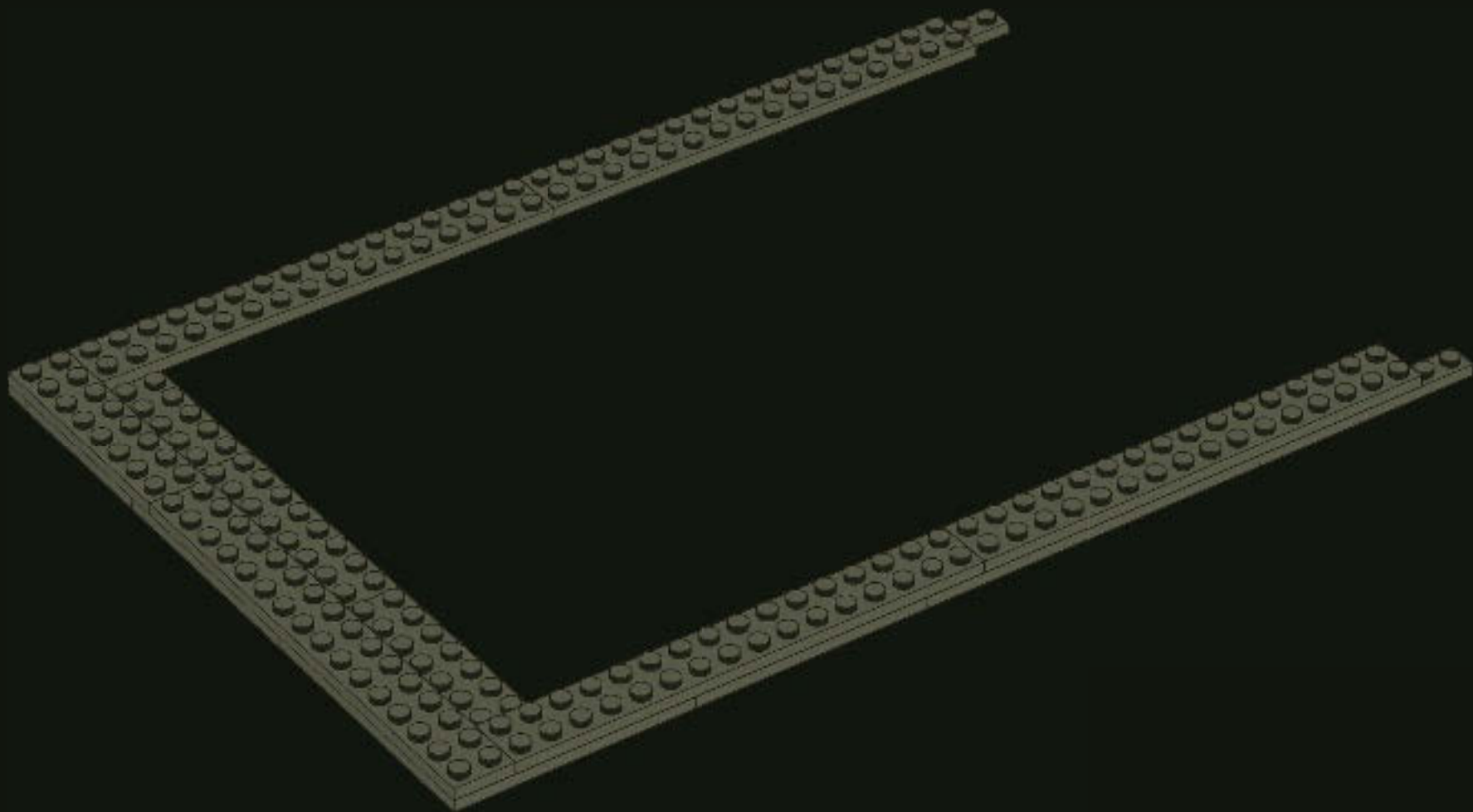
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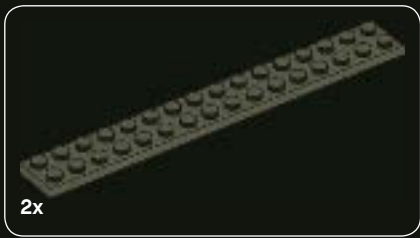




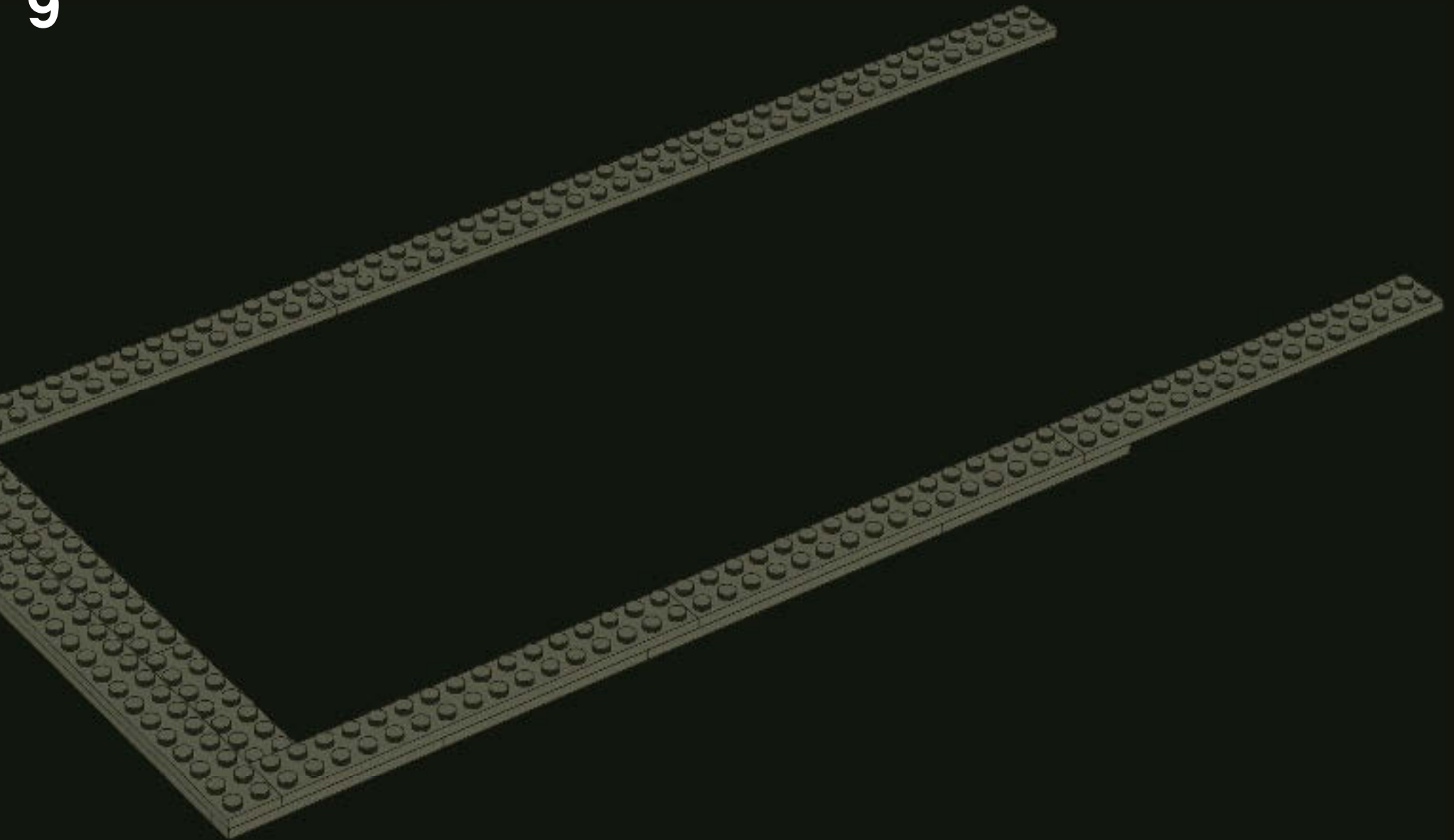


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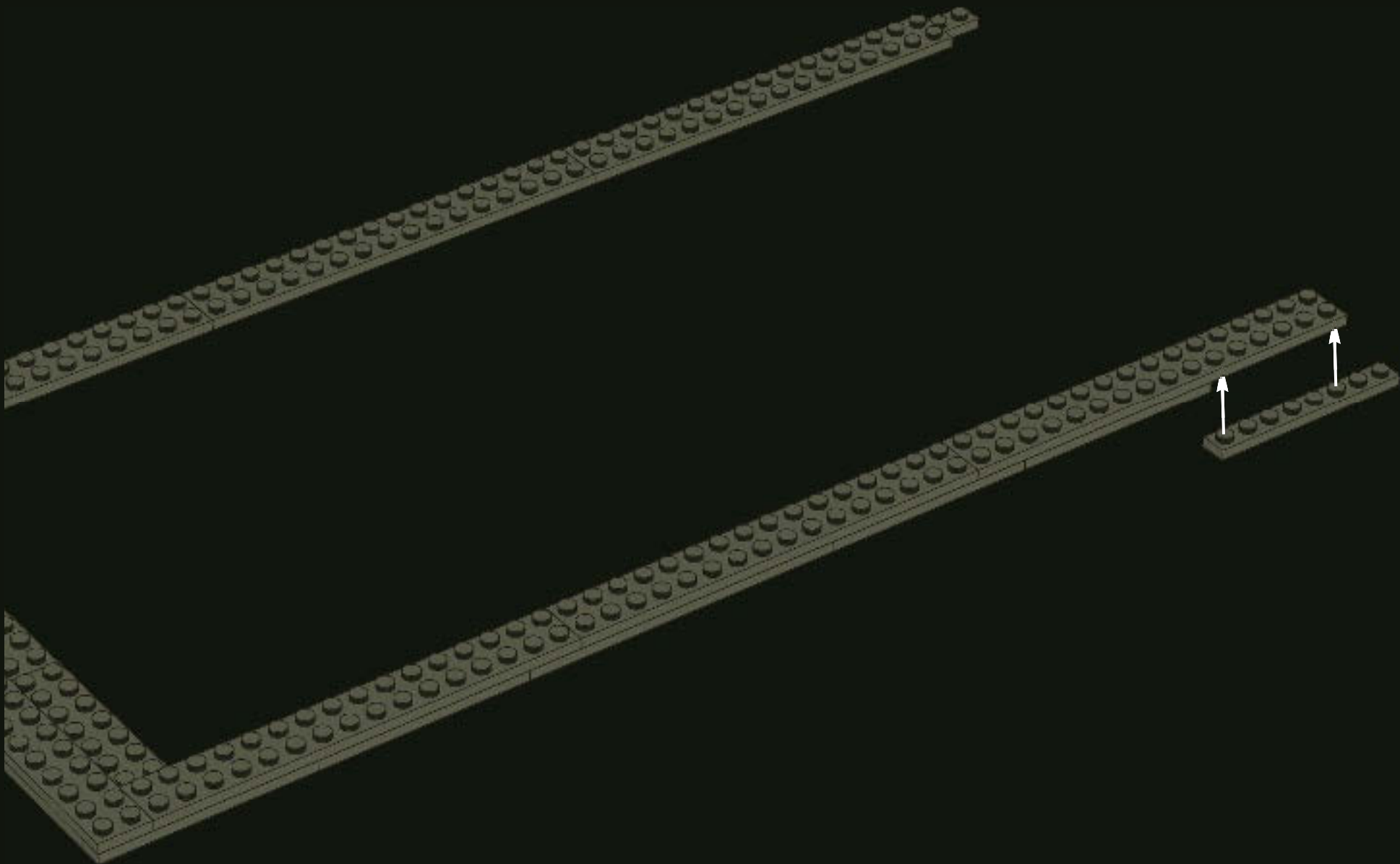


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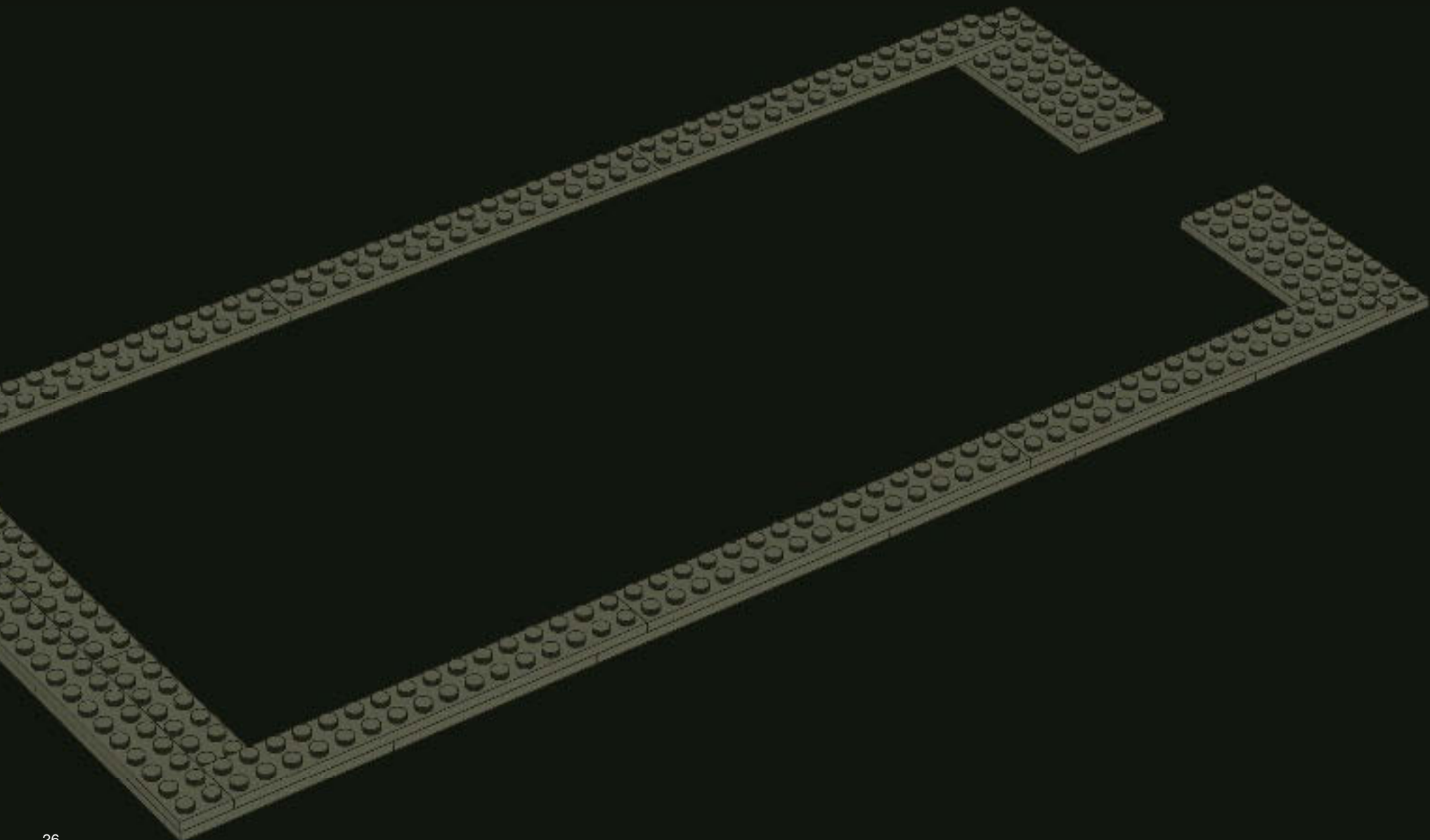
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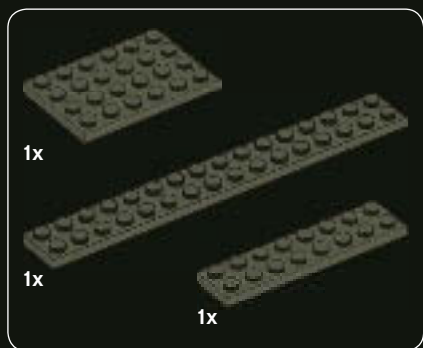




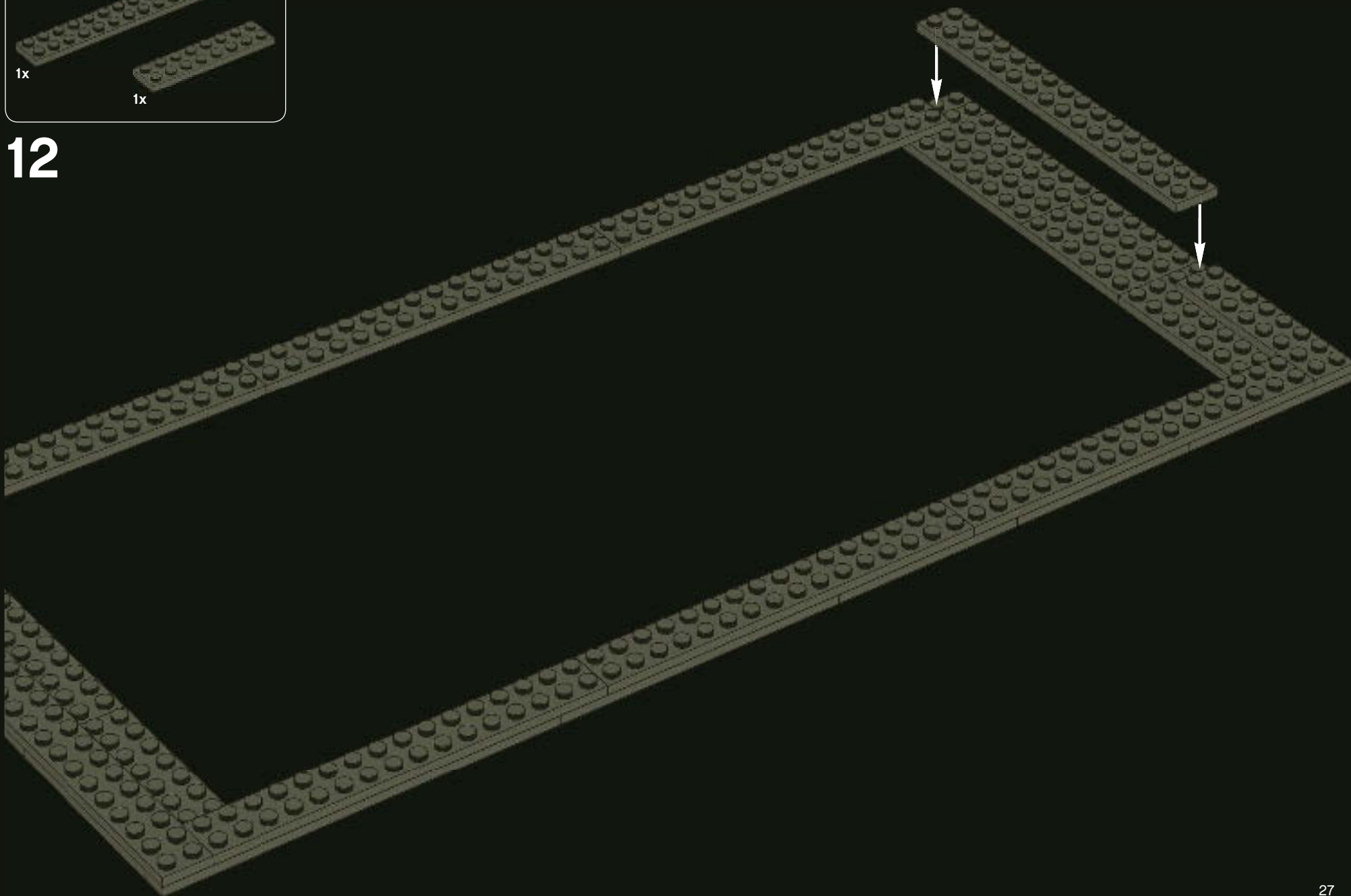


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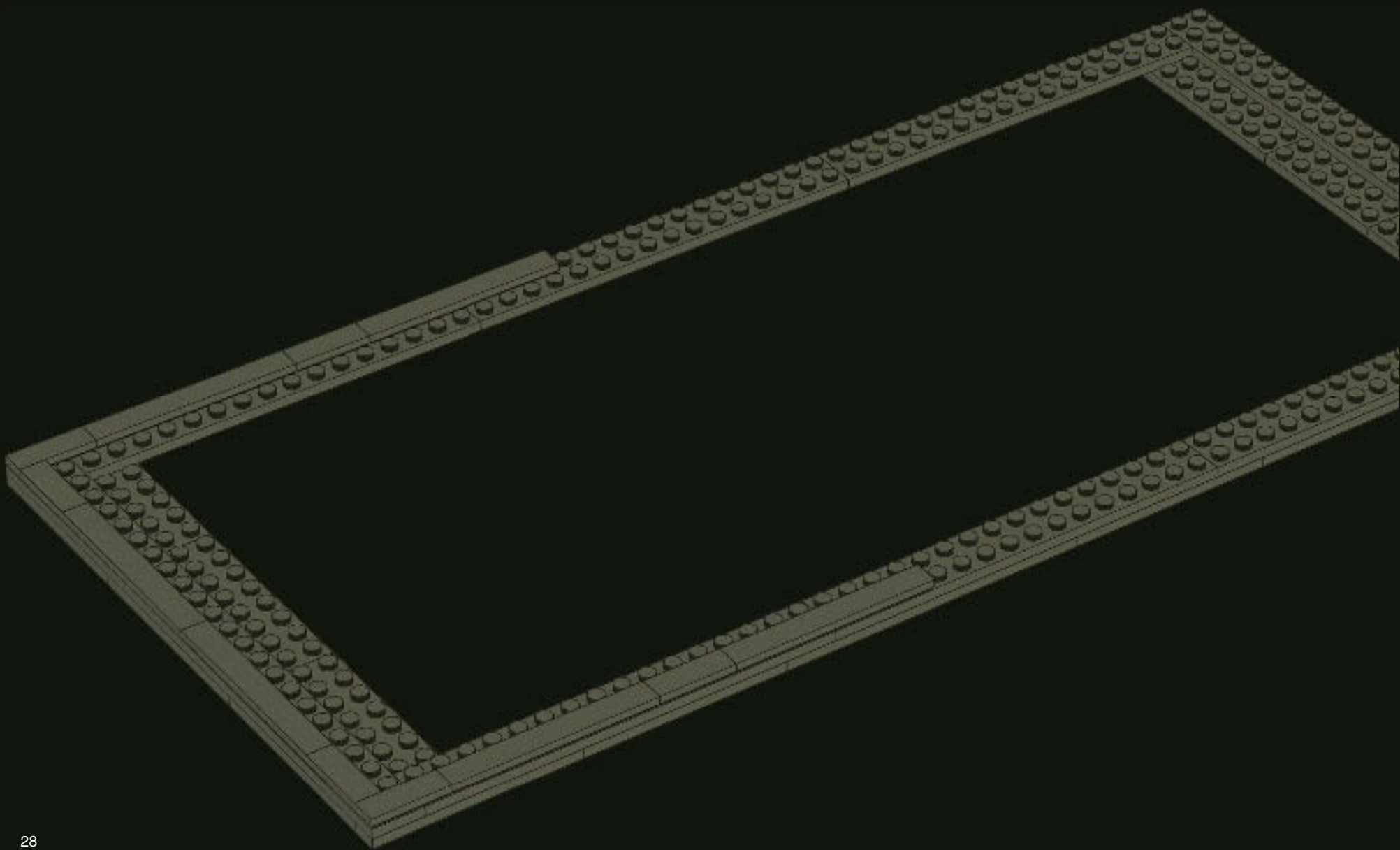


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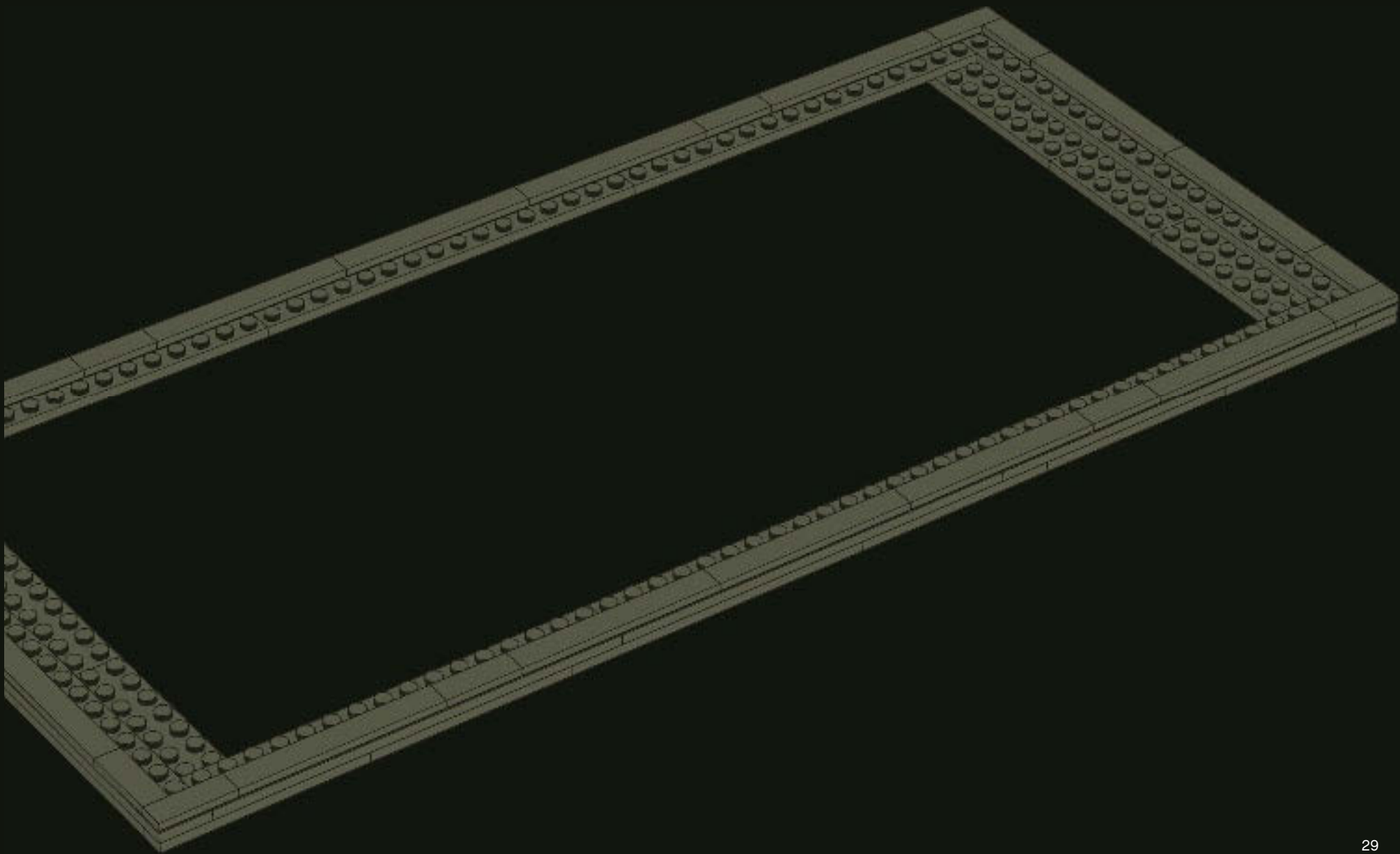
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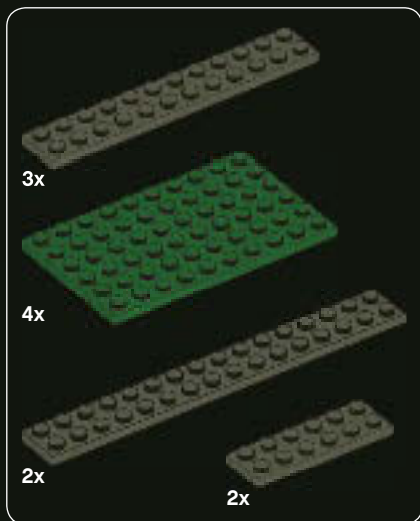




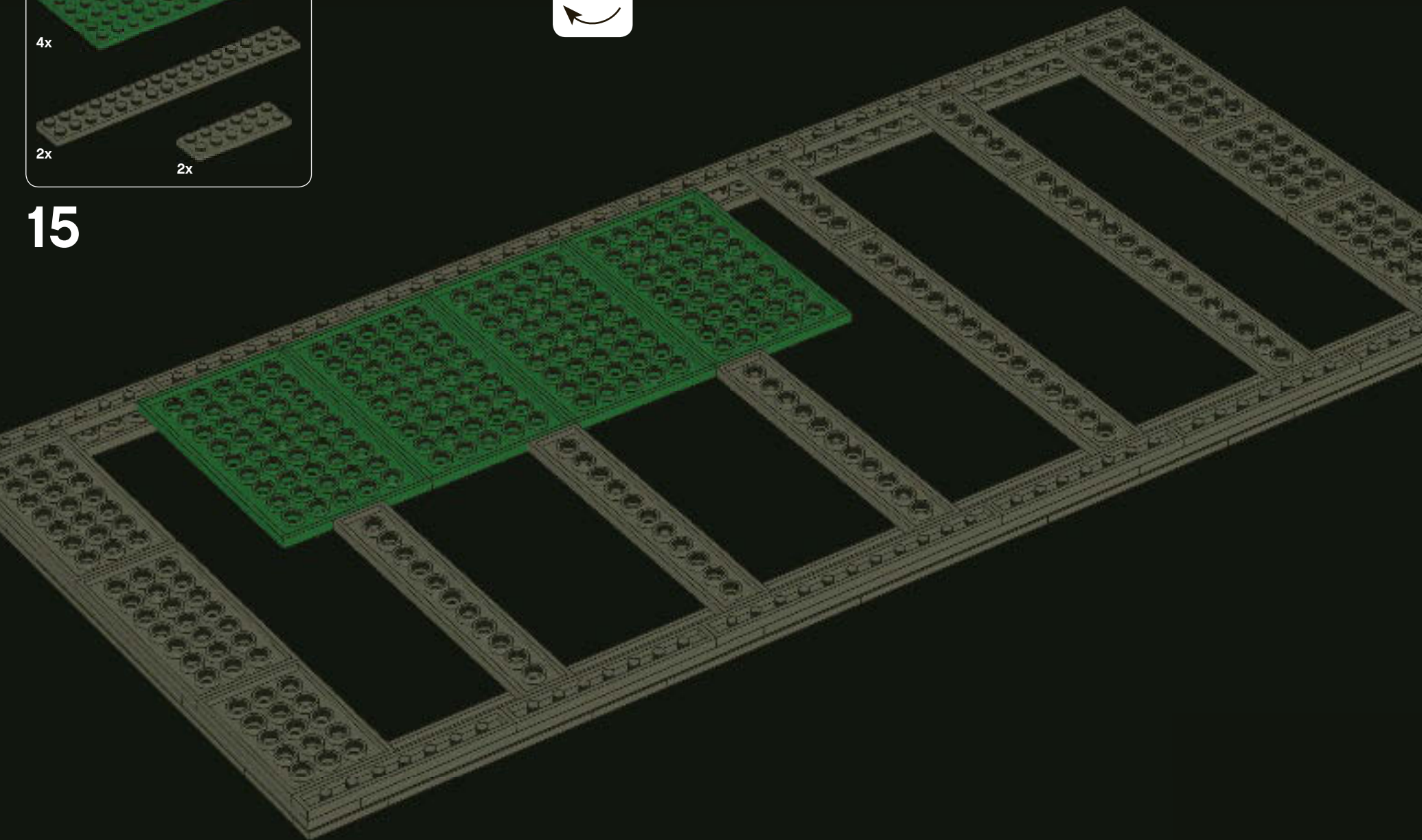


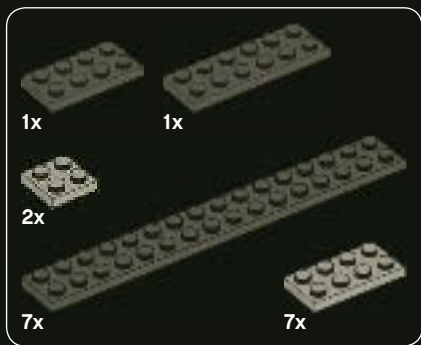
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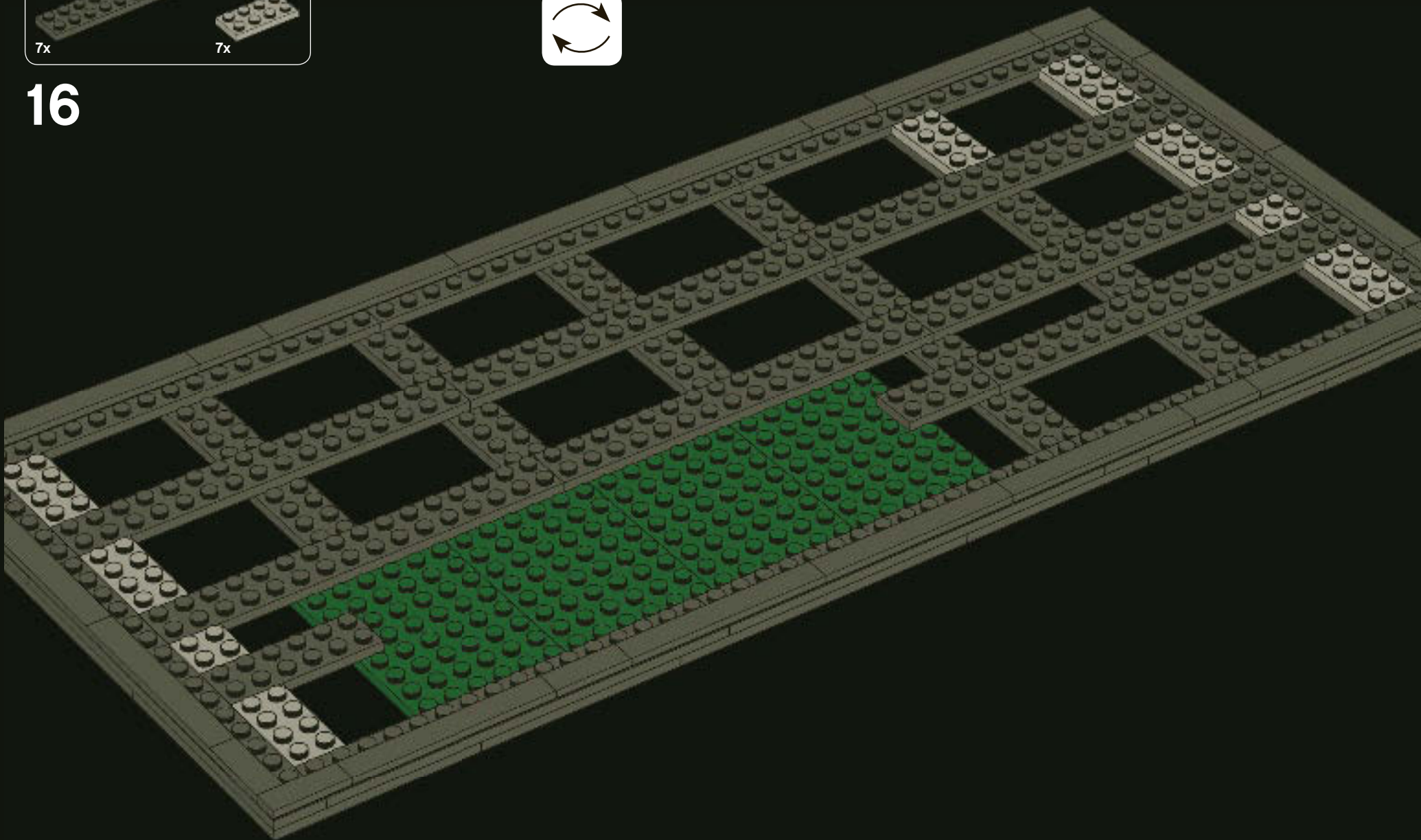


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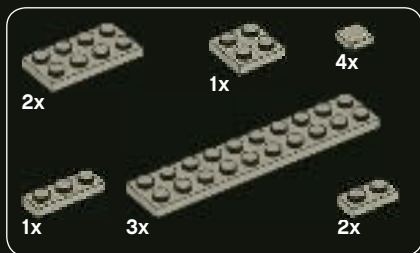




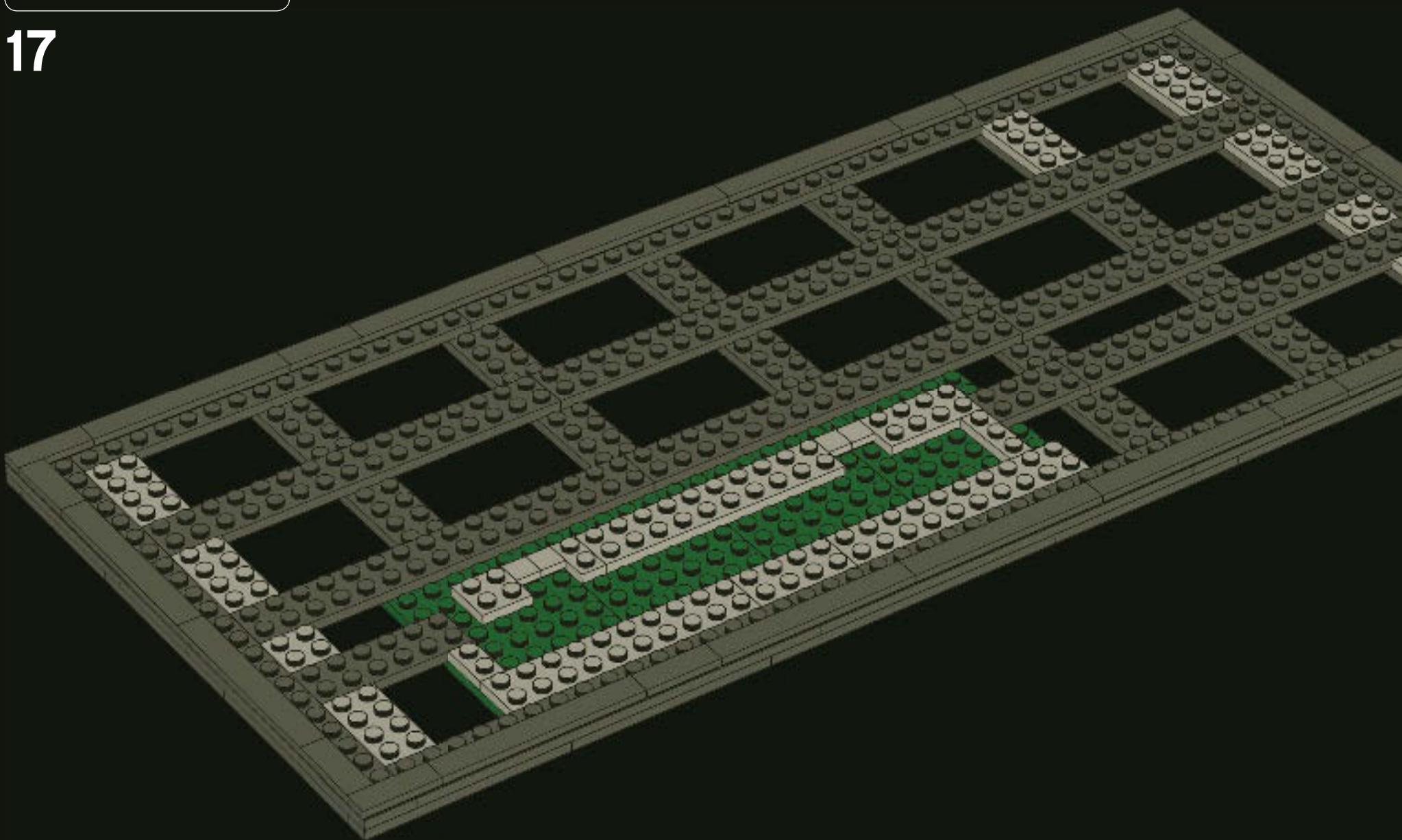
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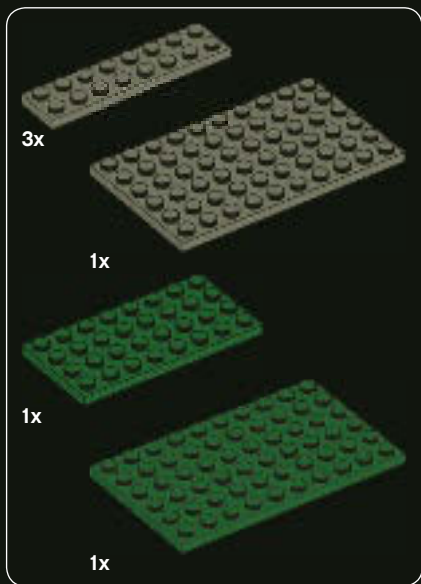




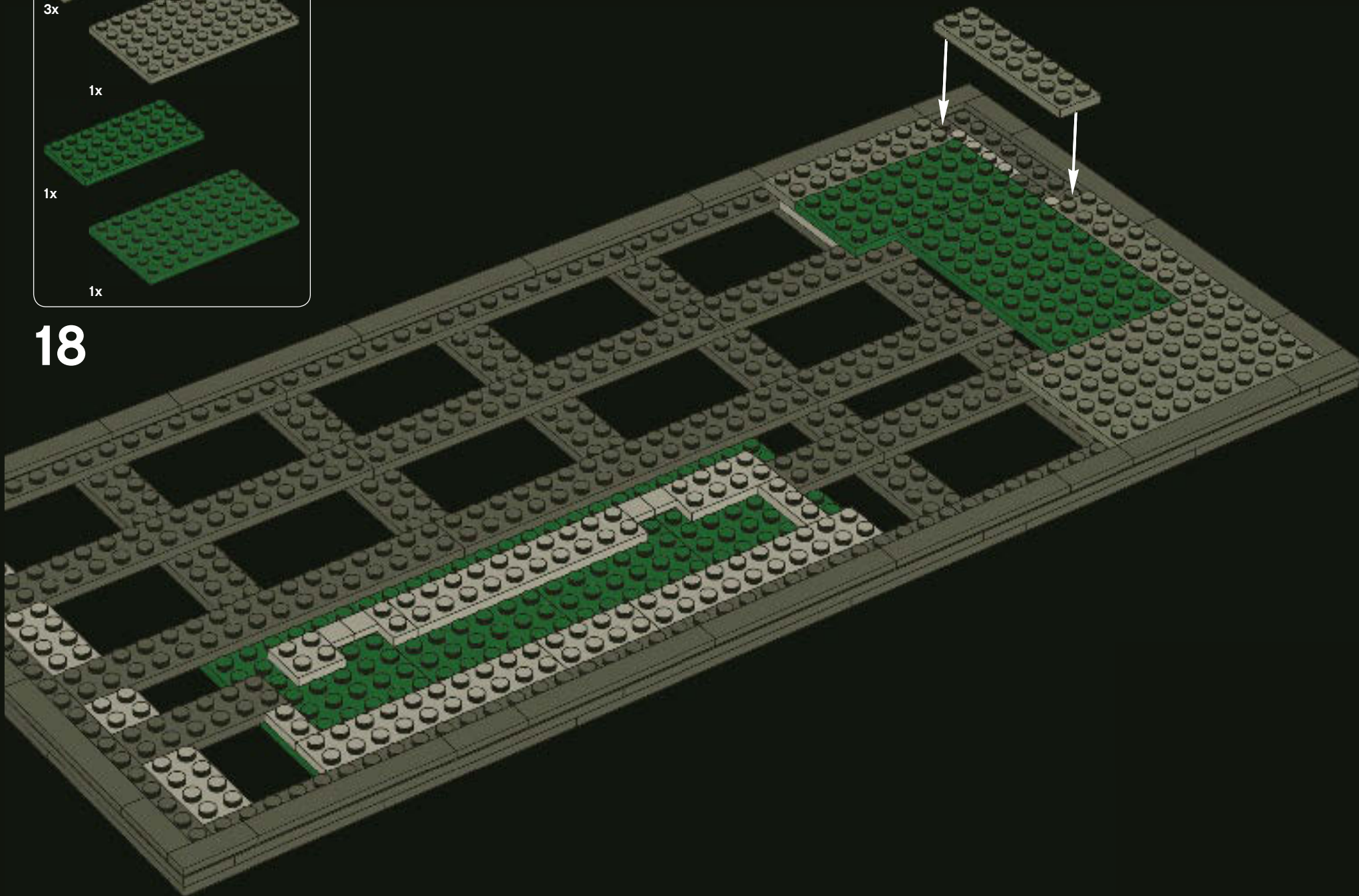


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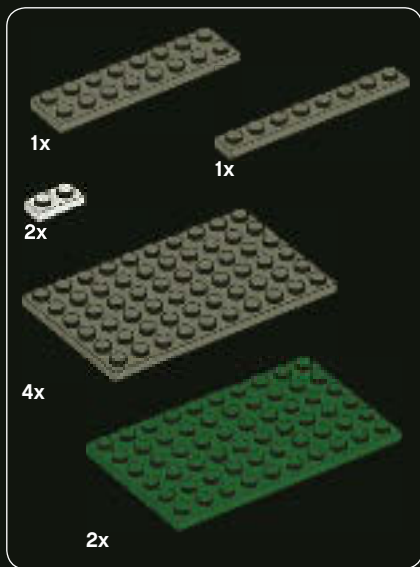




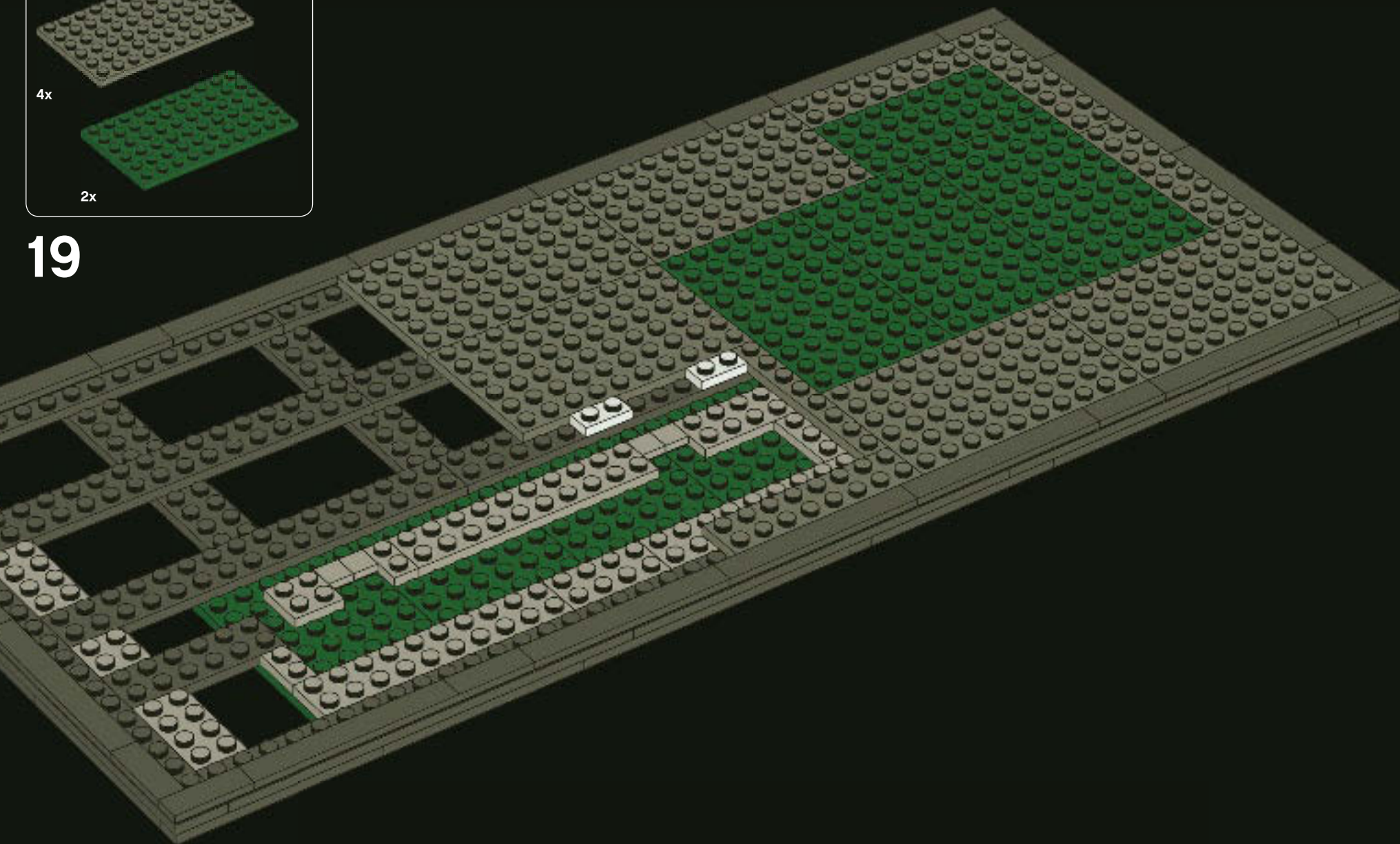
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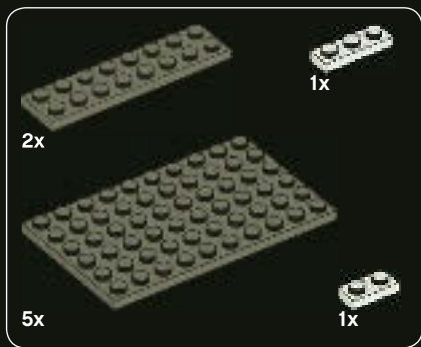




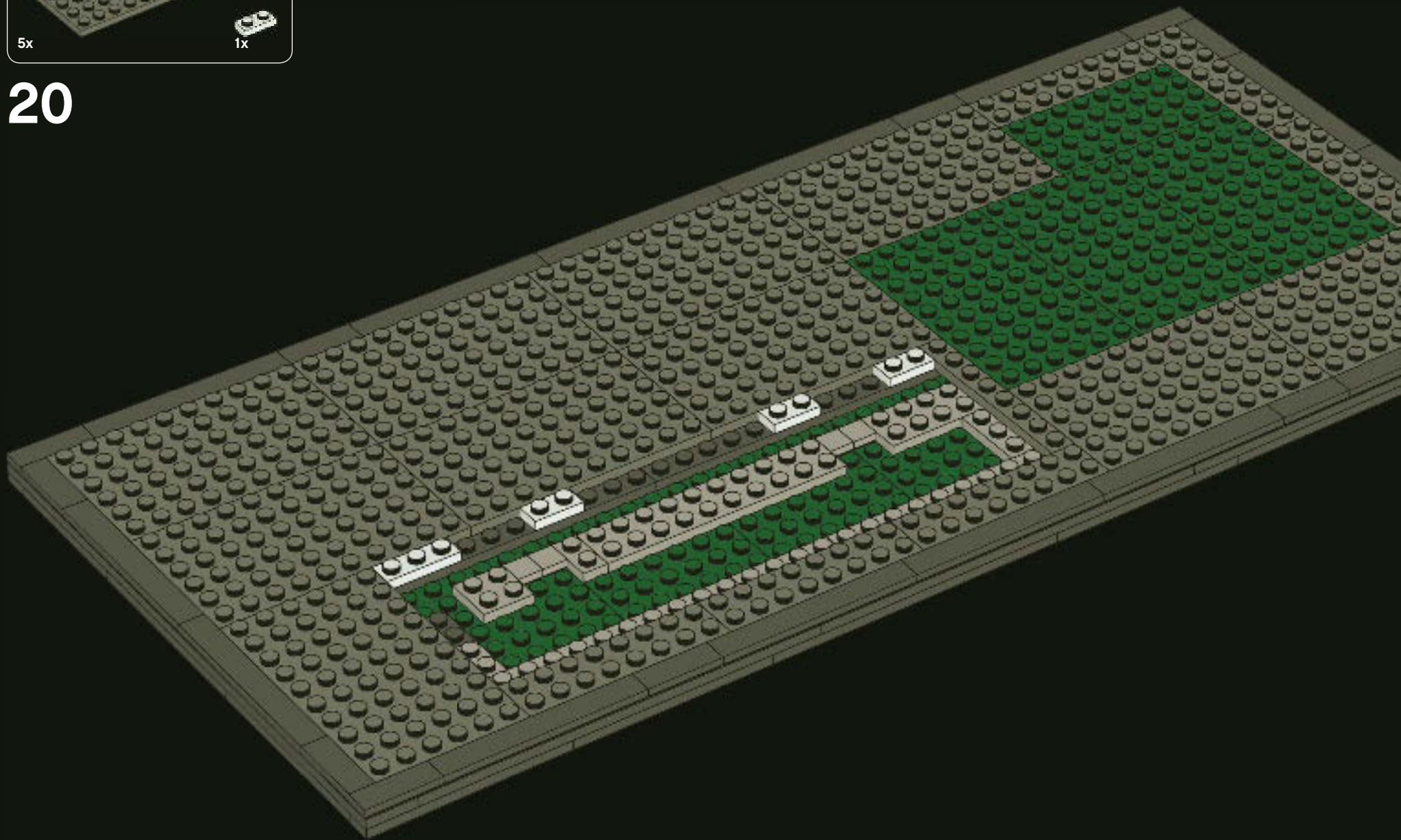
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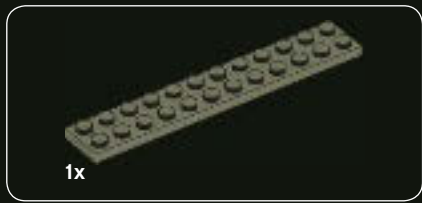




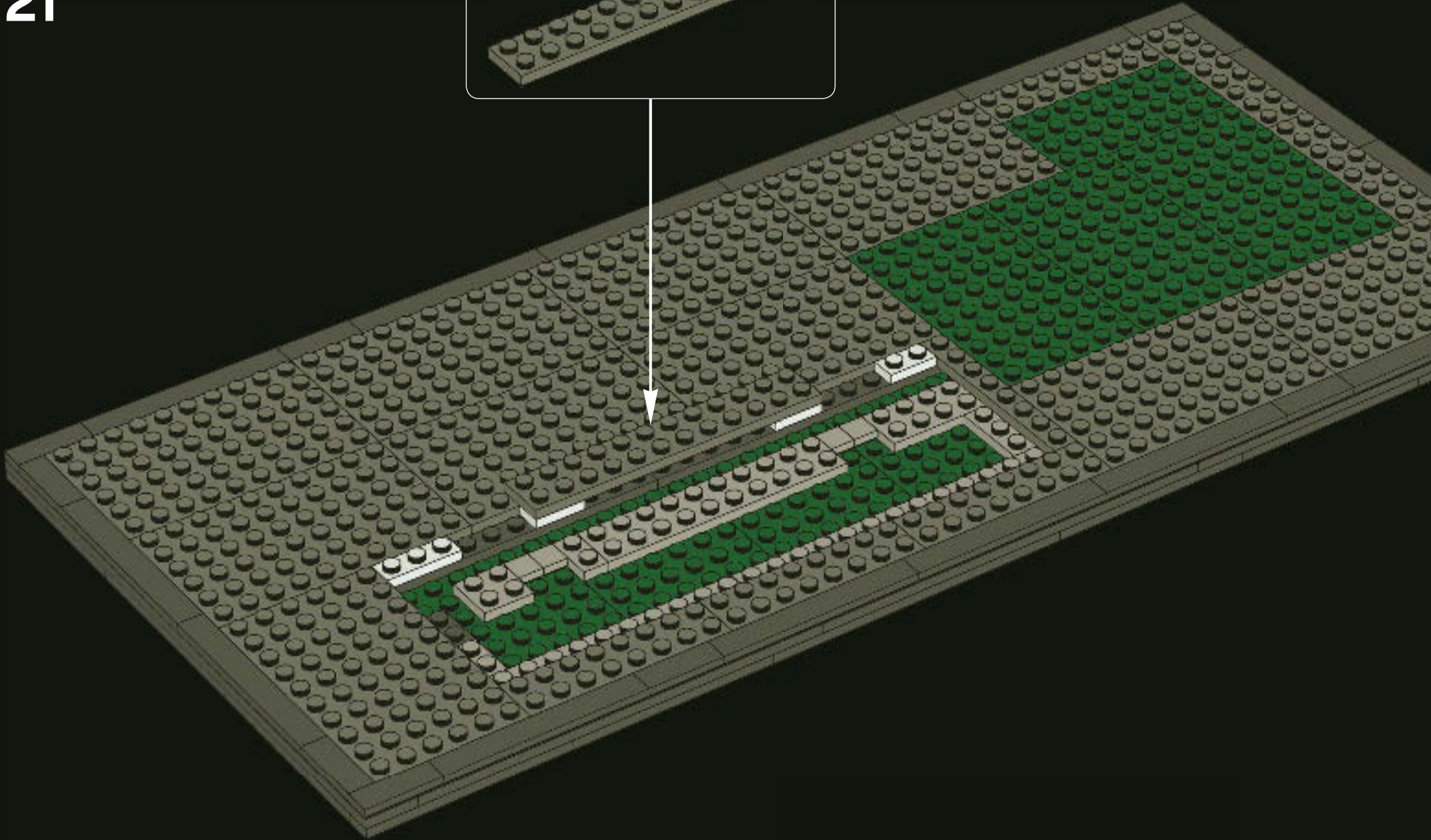
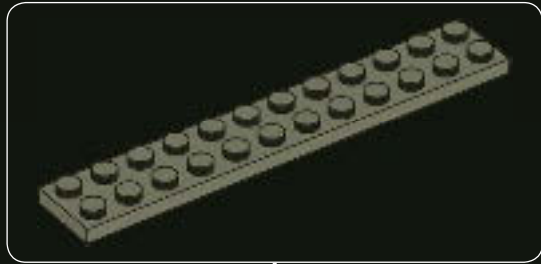


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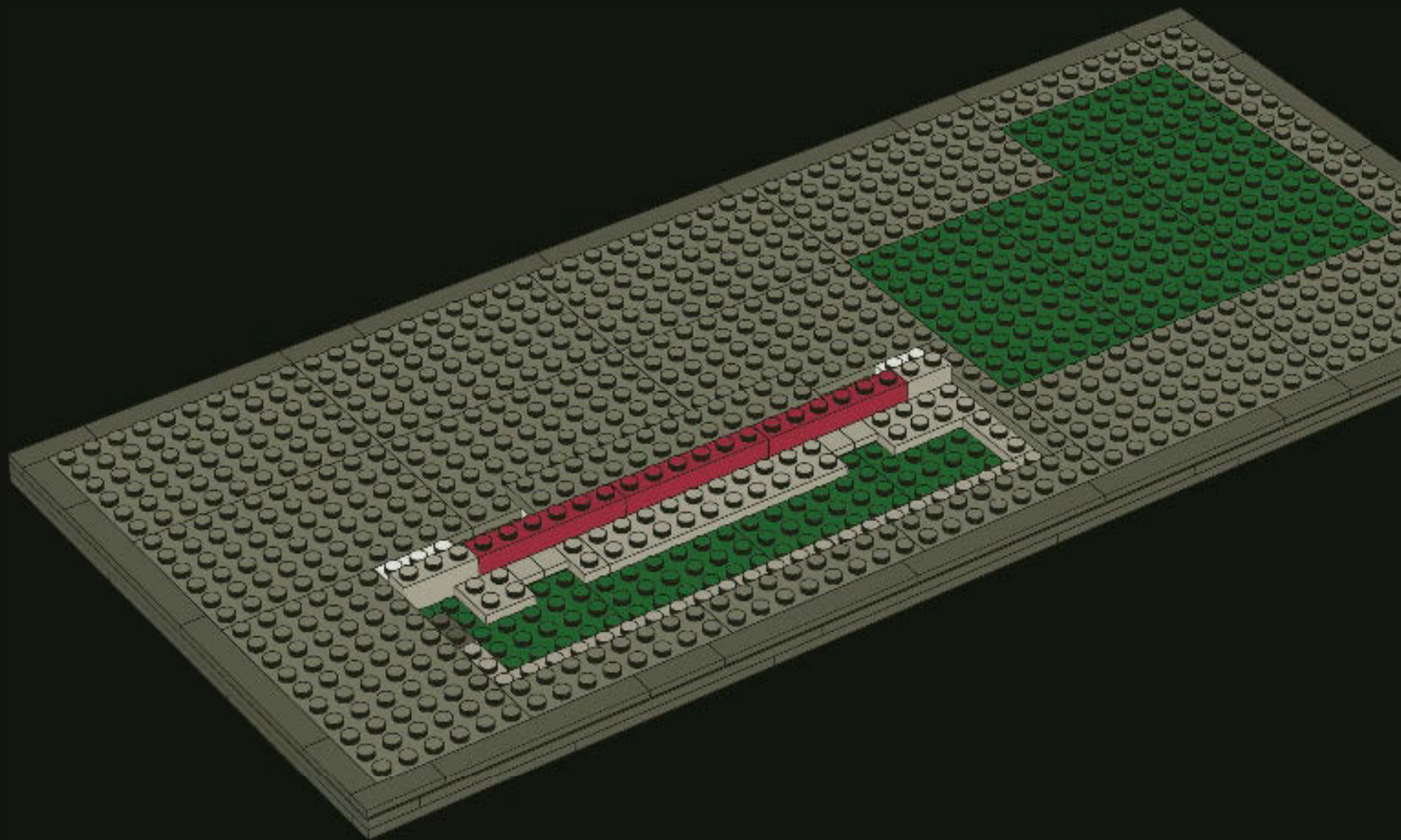
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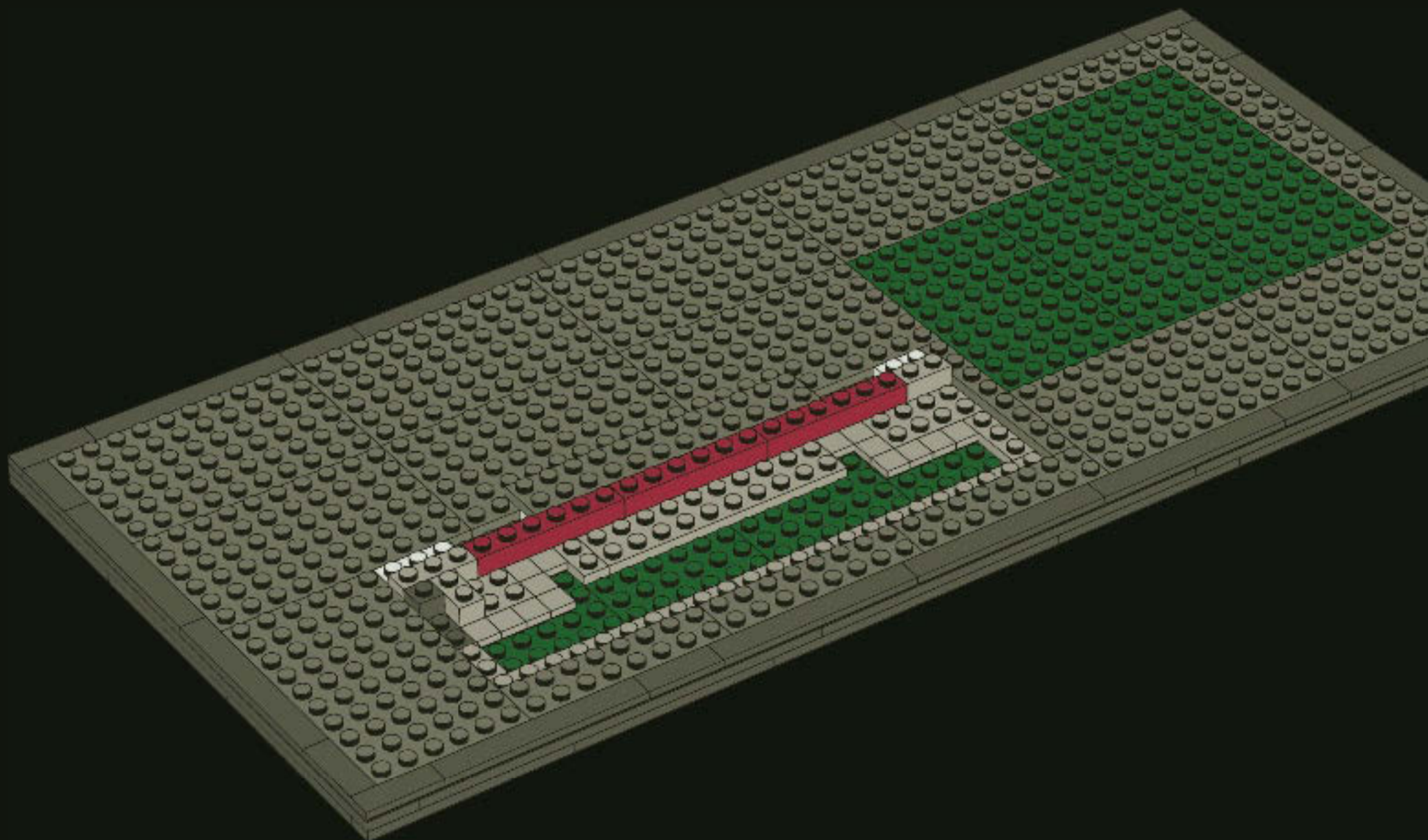


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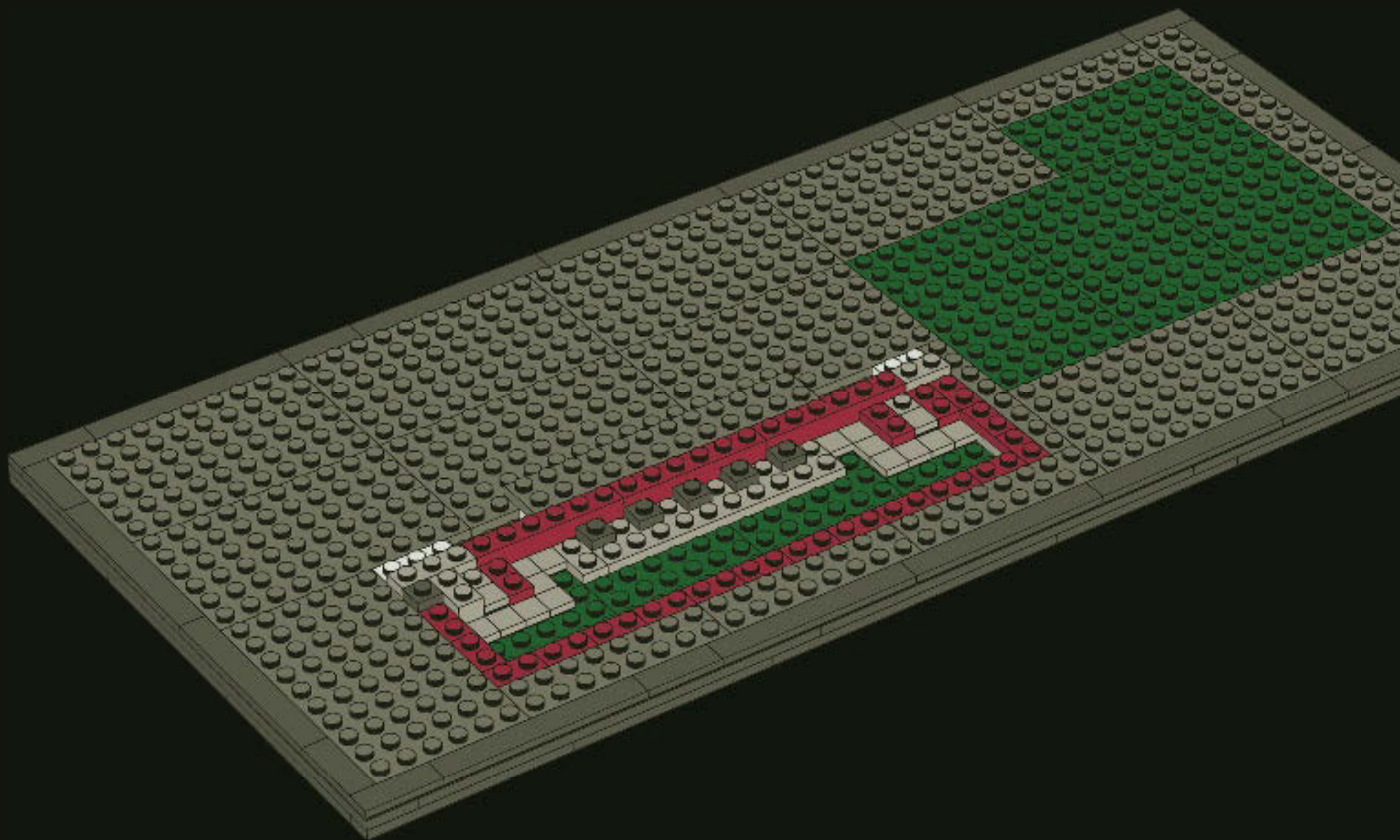
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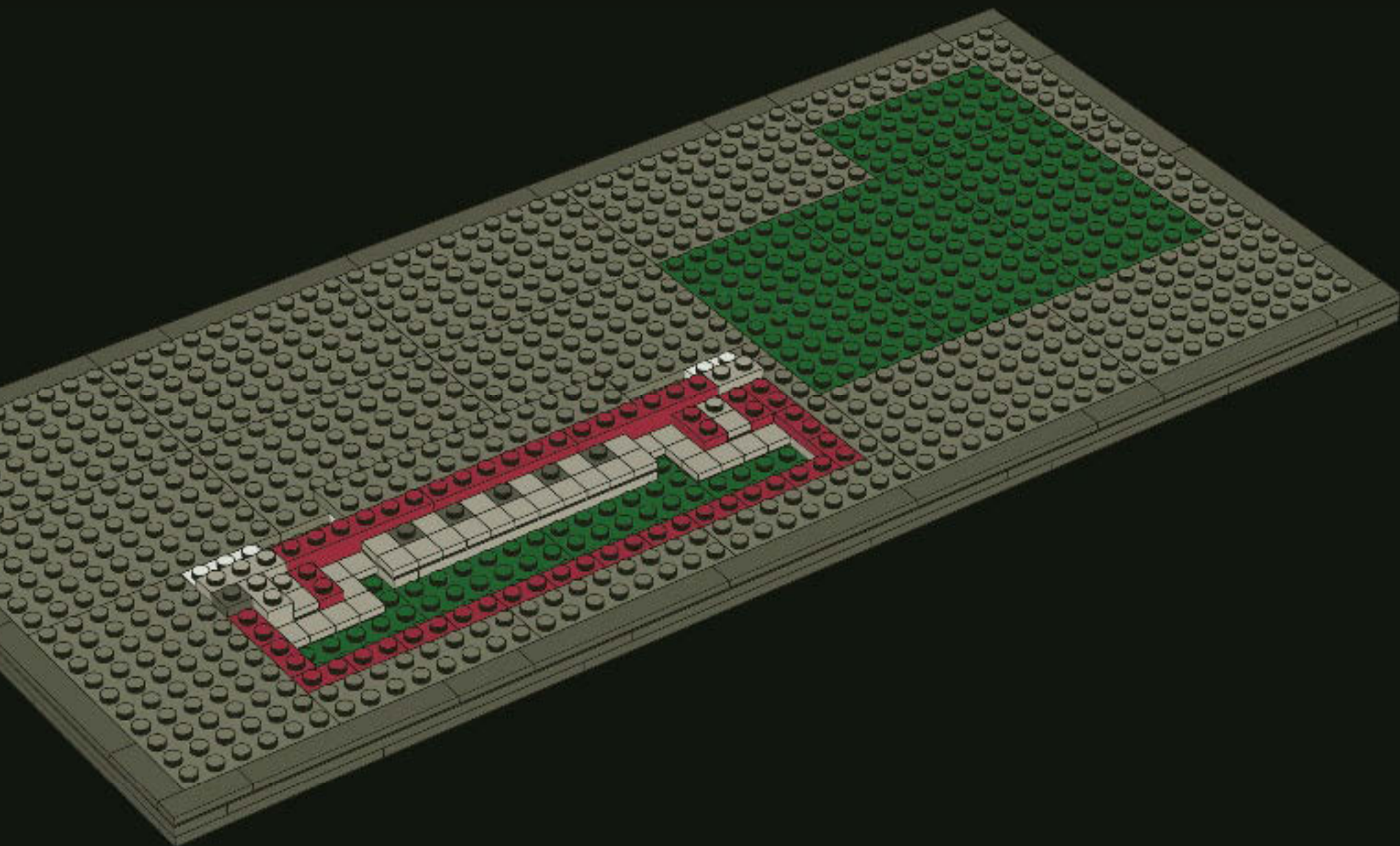
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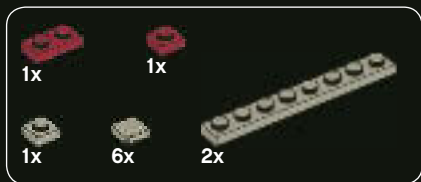


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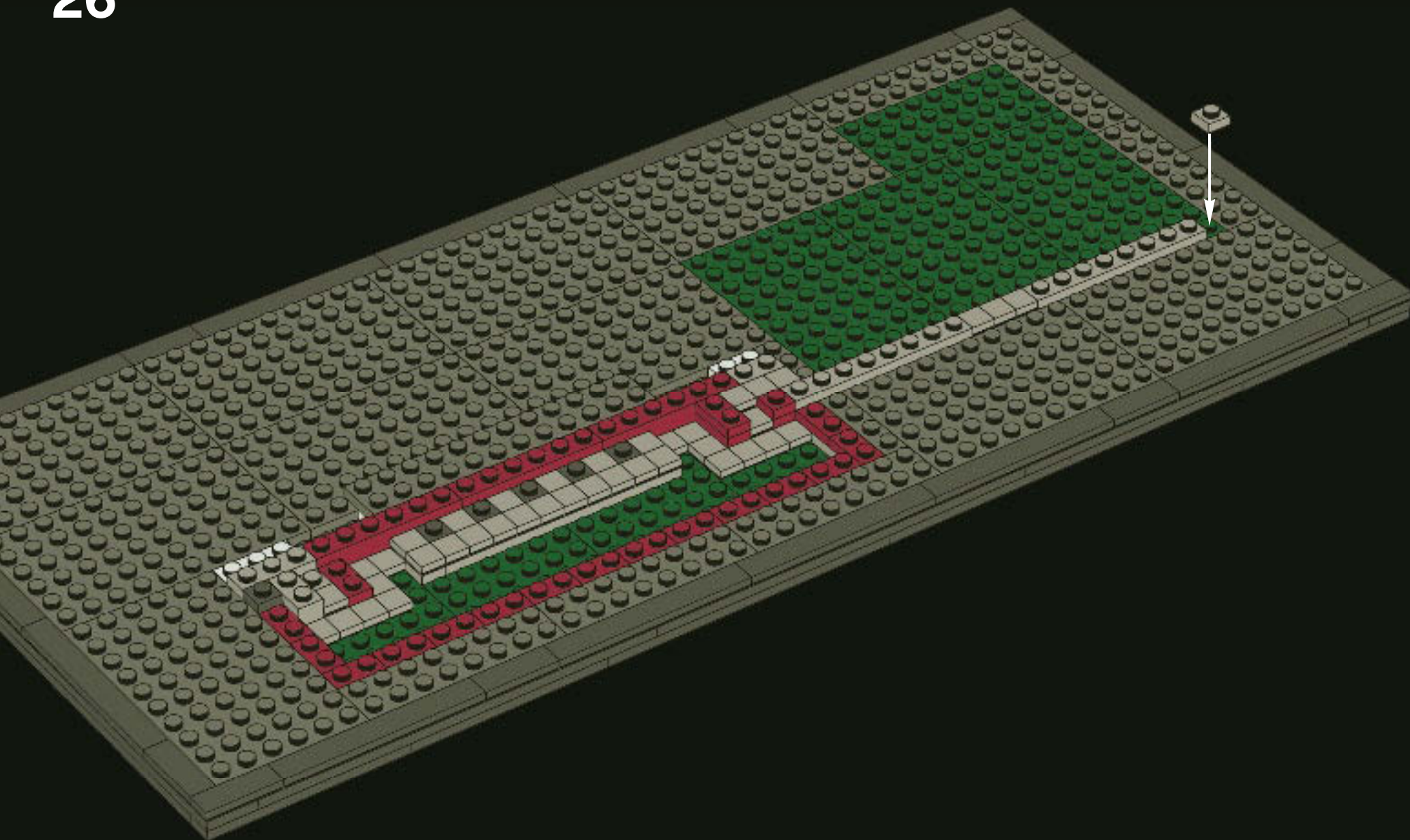
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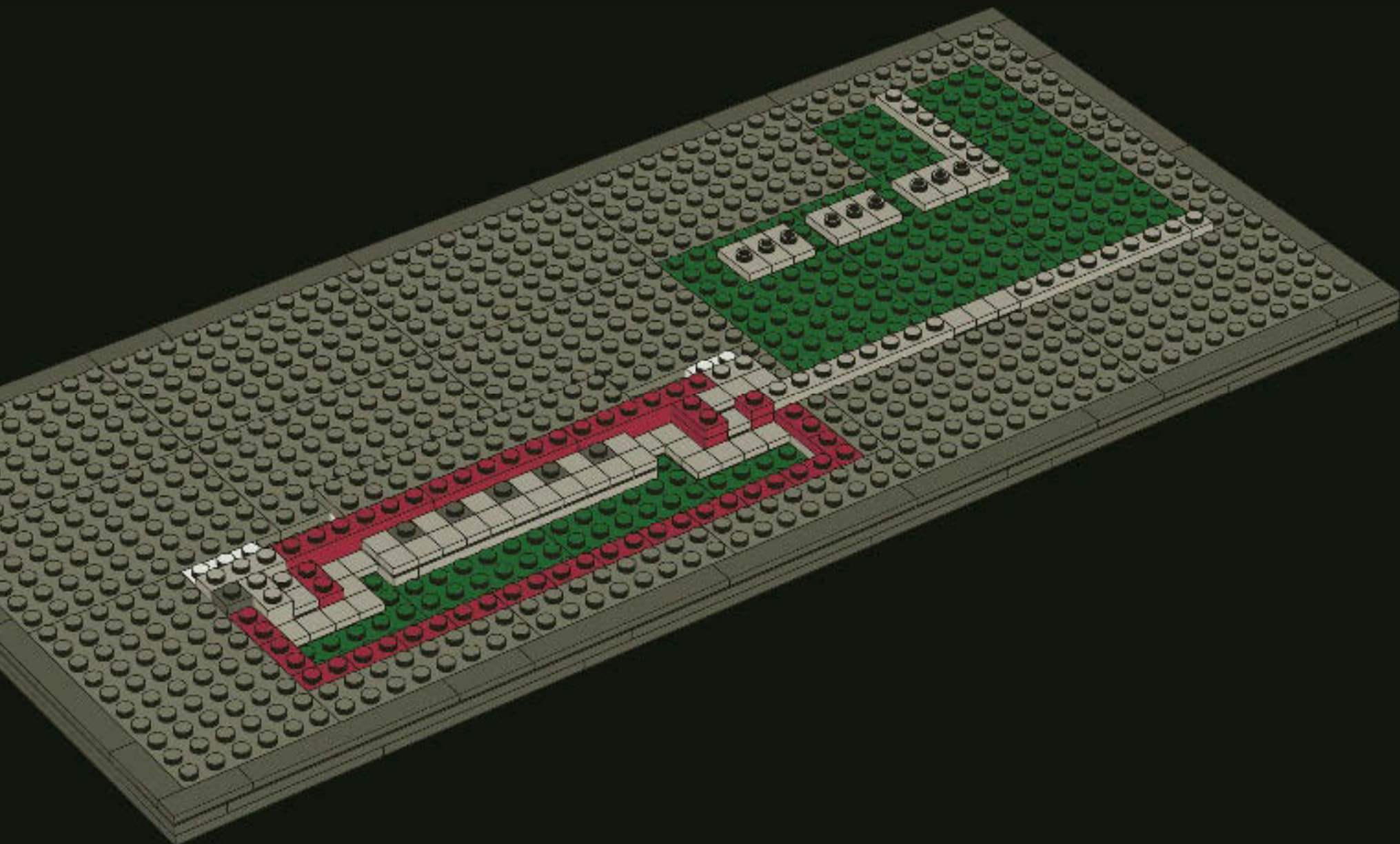


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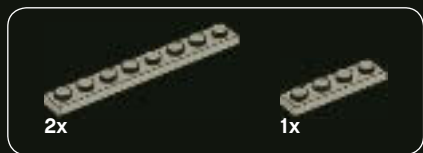




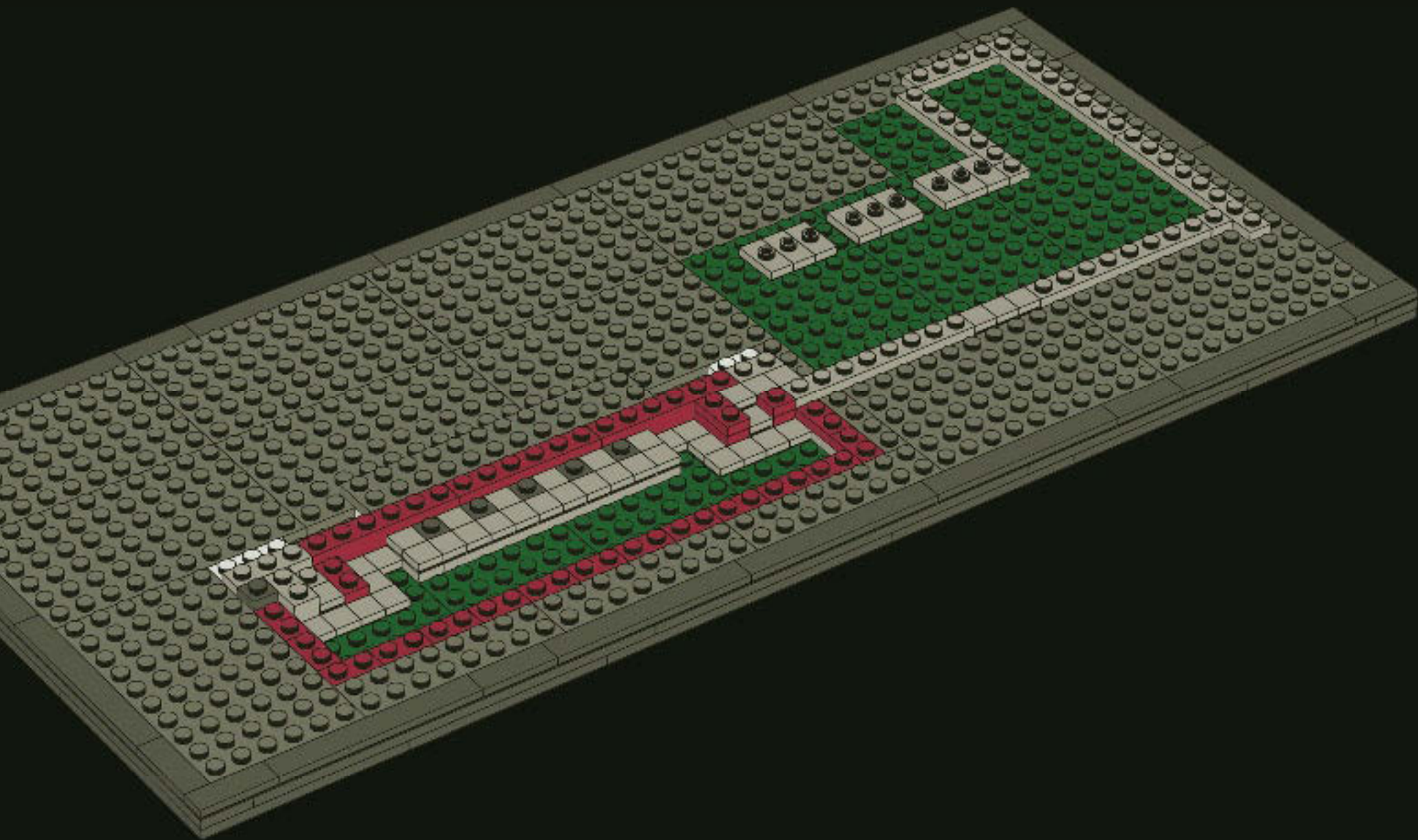
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28



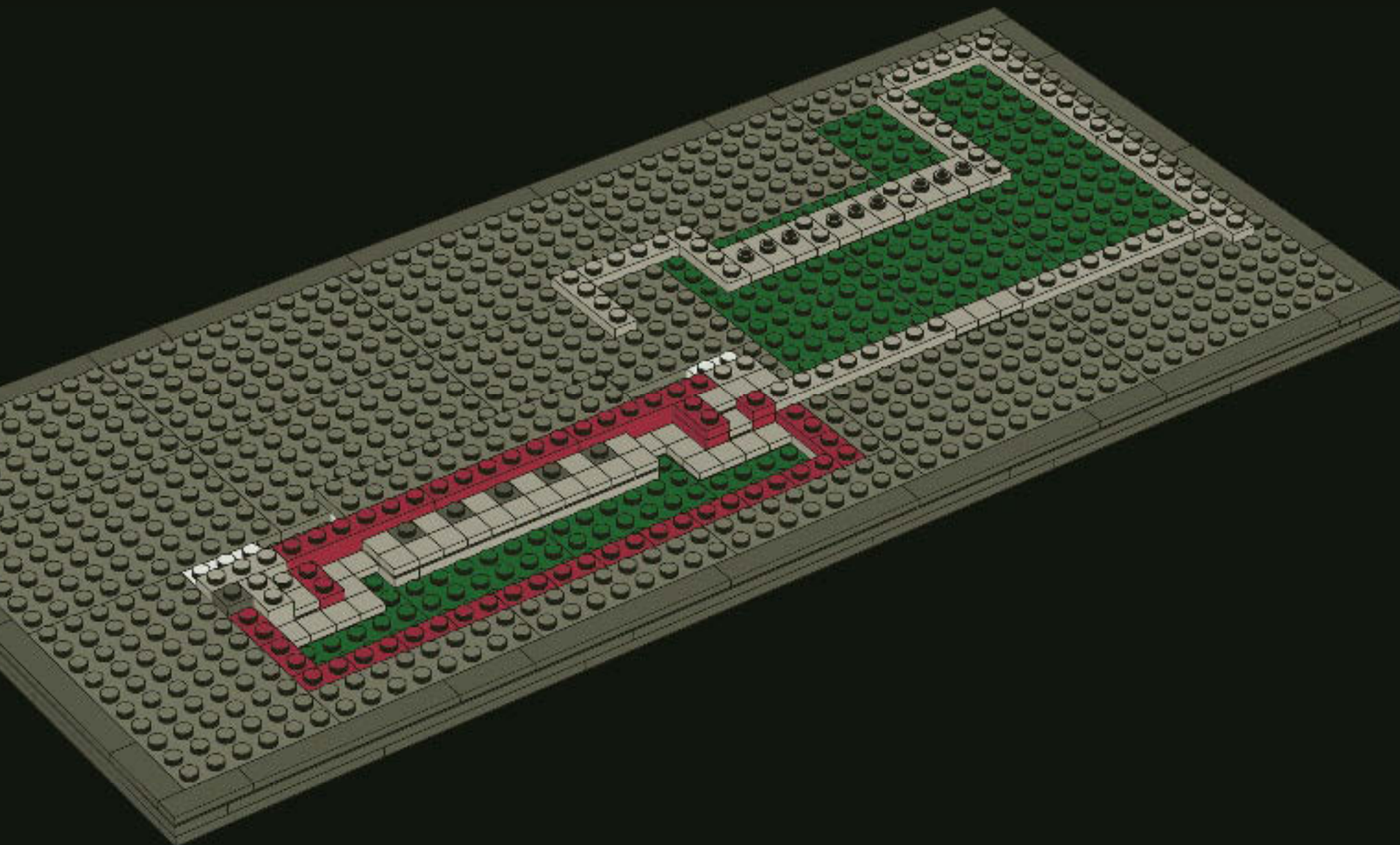


2x





3x


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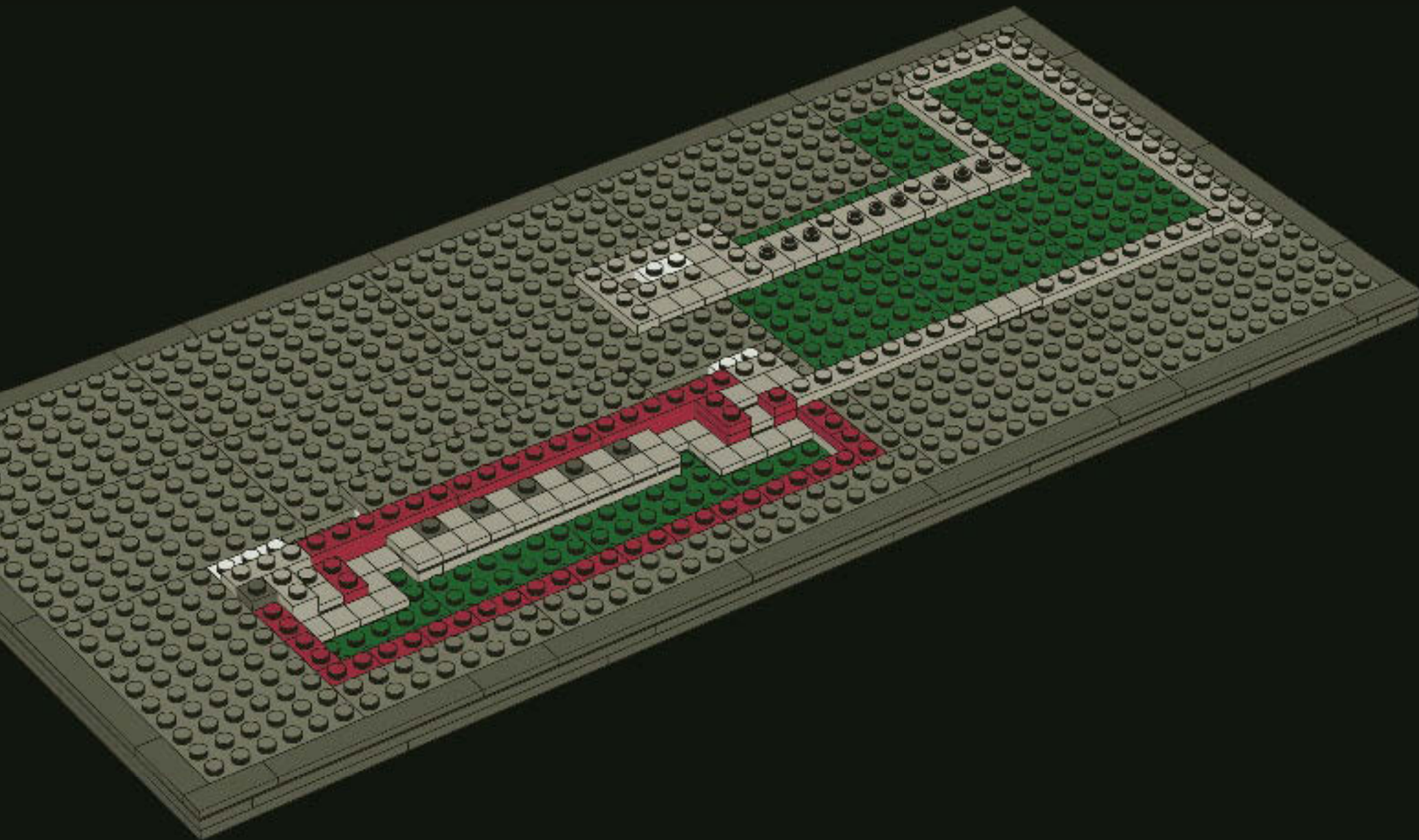


  
1x

  
6x

  
1x

30



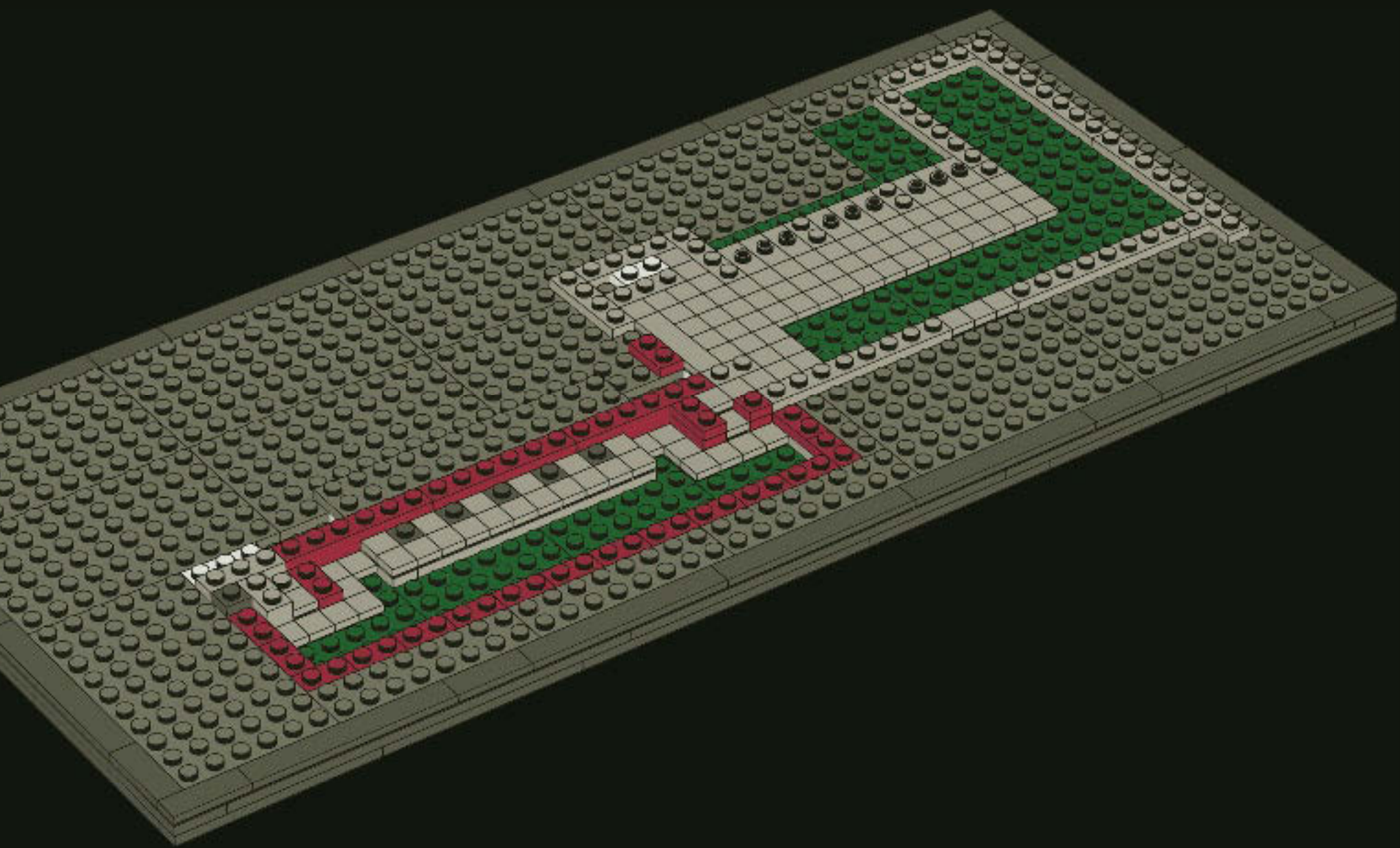


  
1x

  
55x

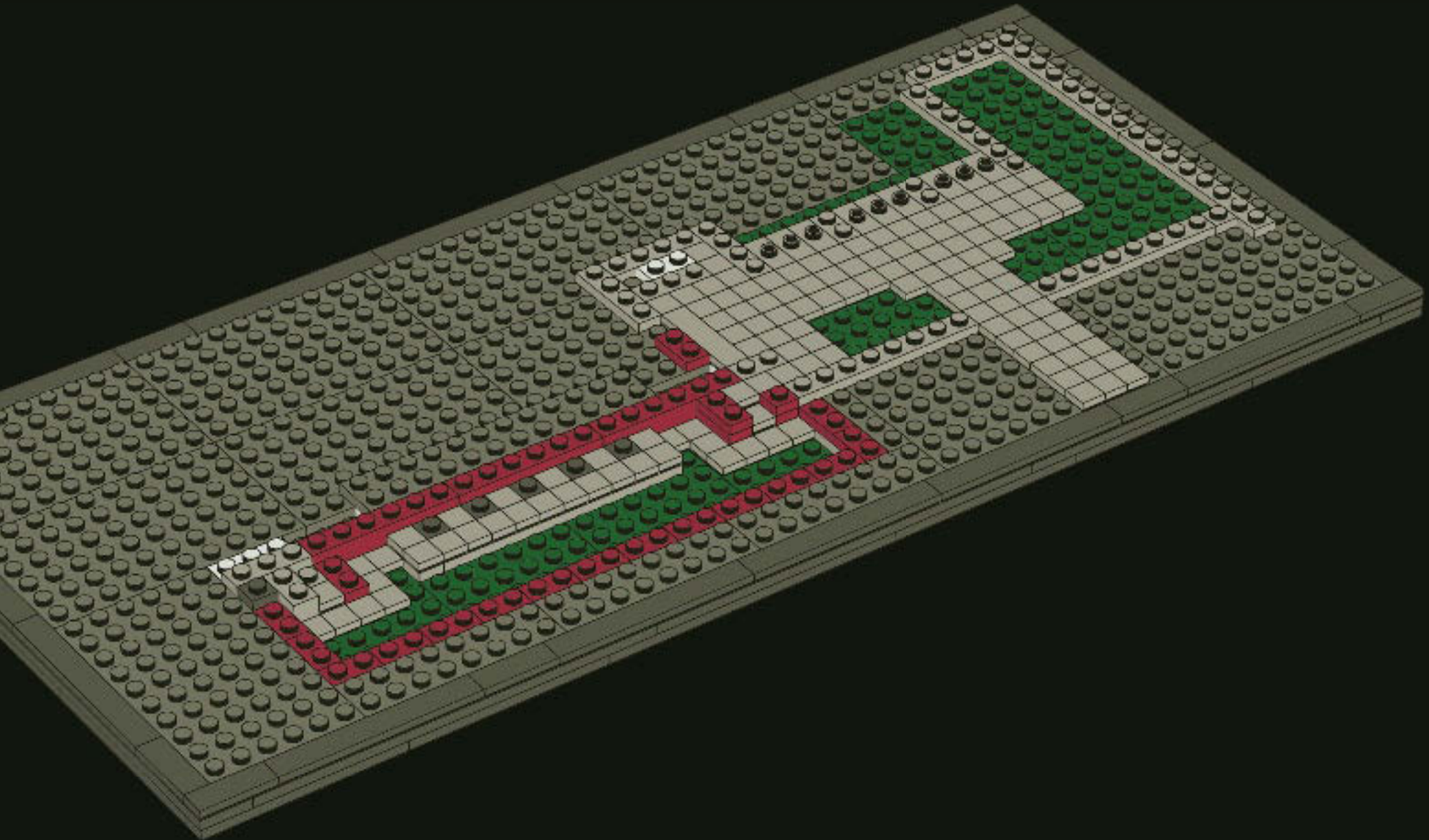
  
1x

31

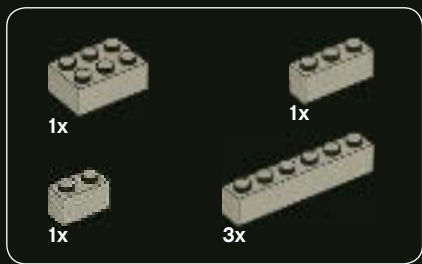


29x

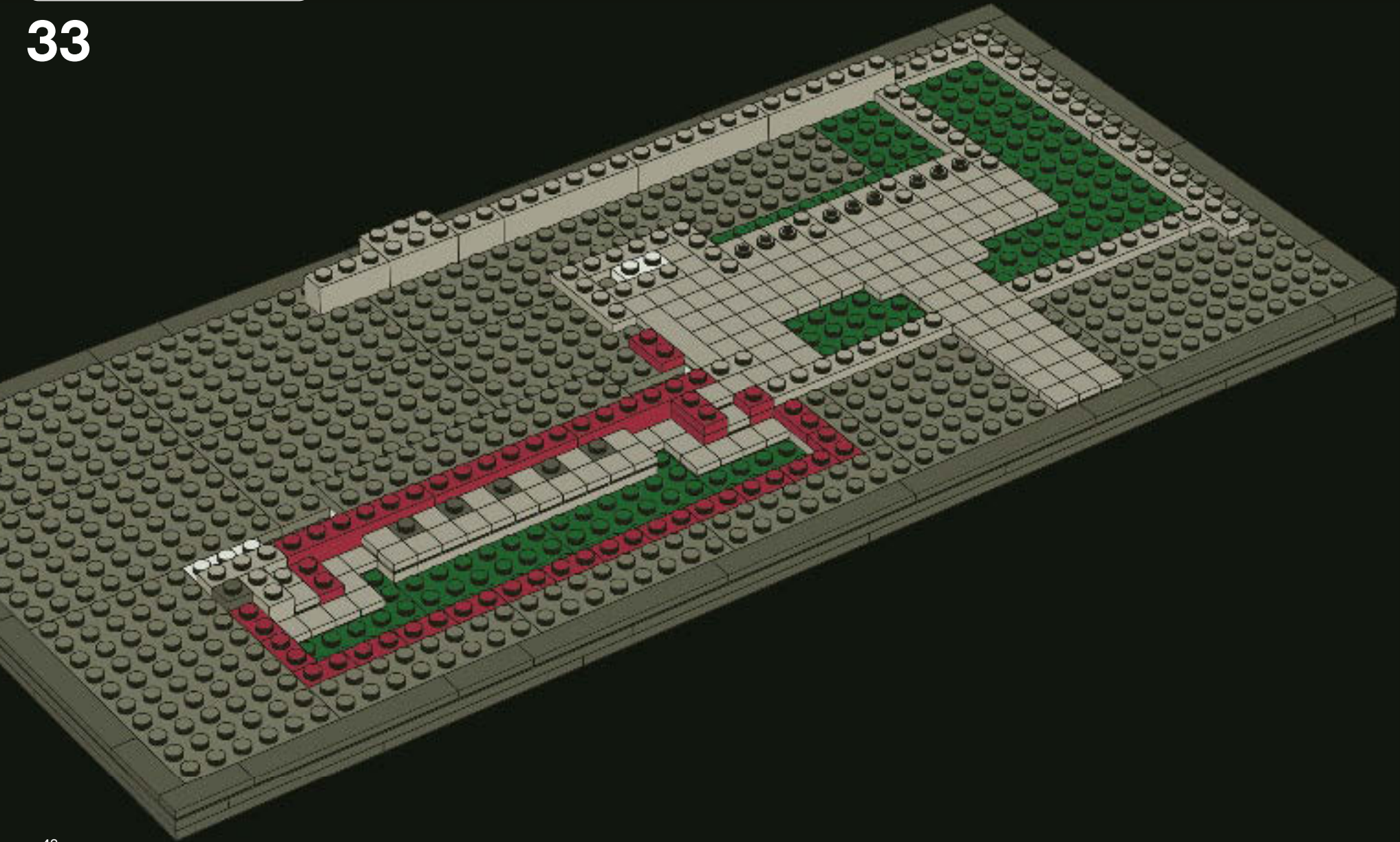
32



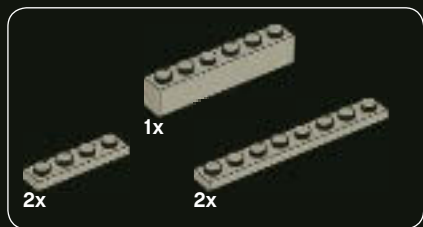




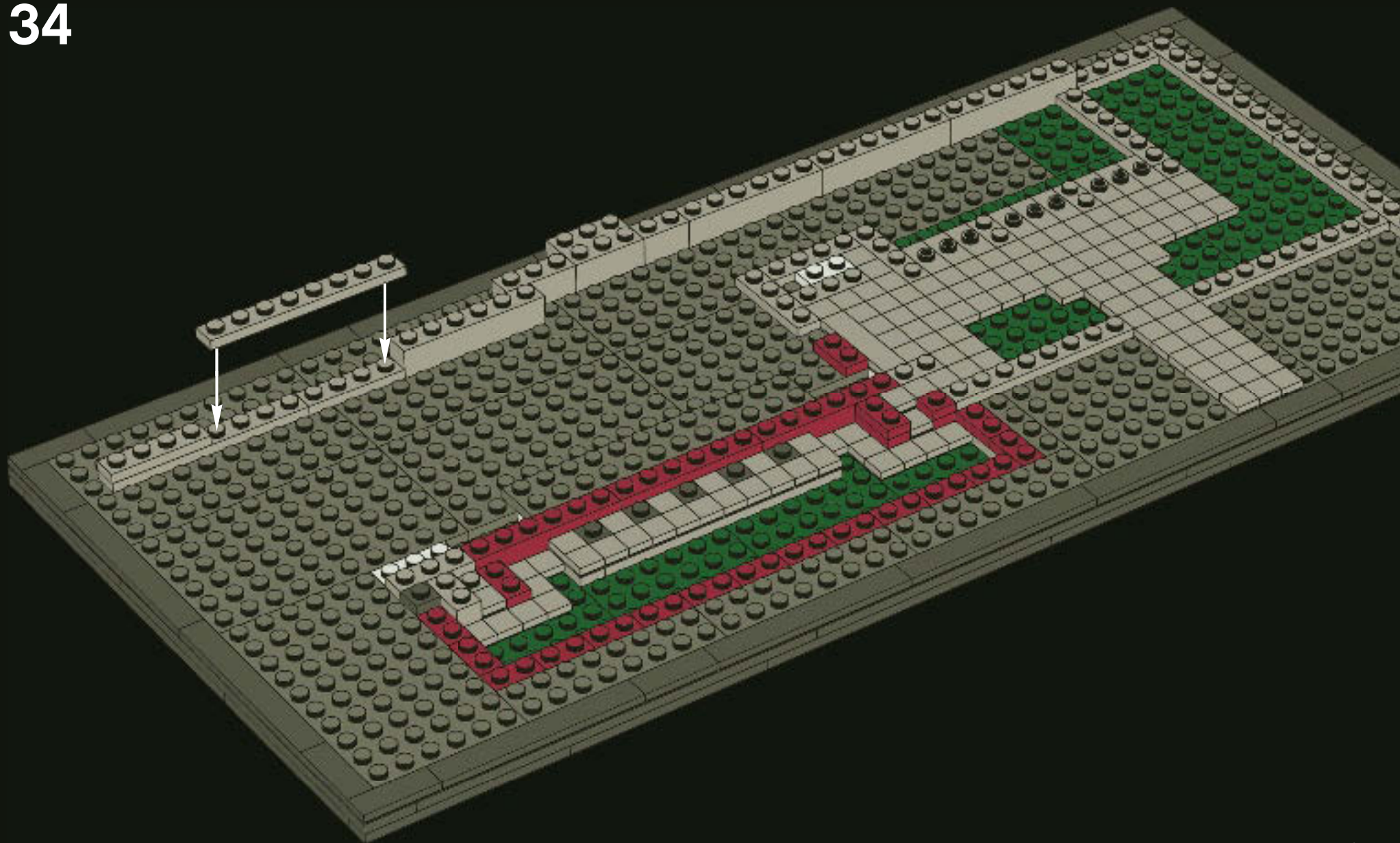
33







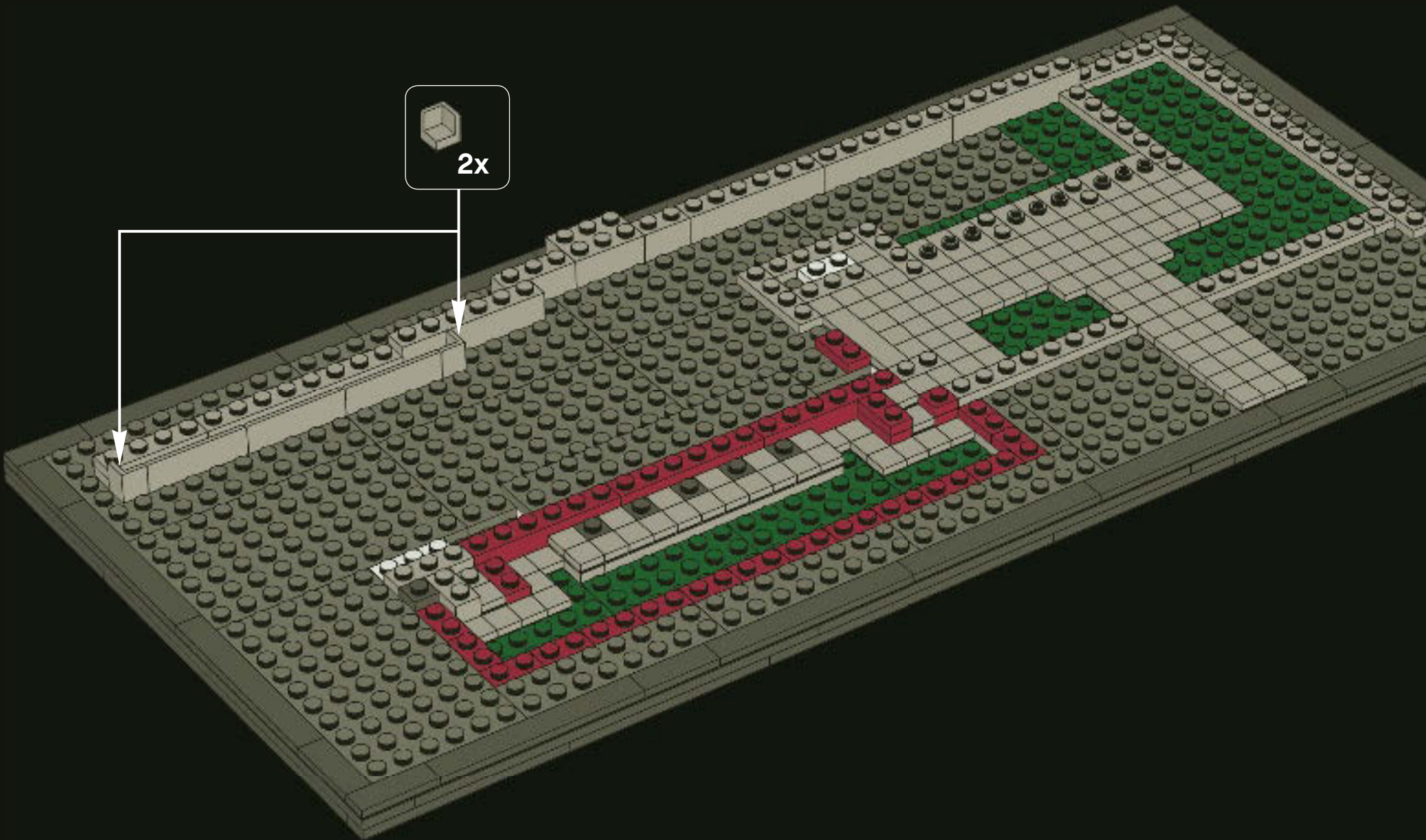
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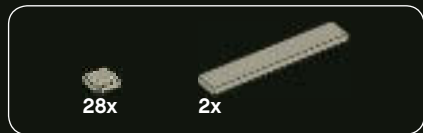
  
3x

  
2x

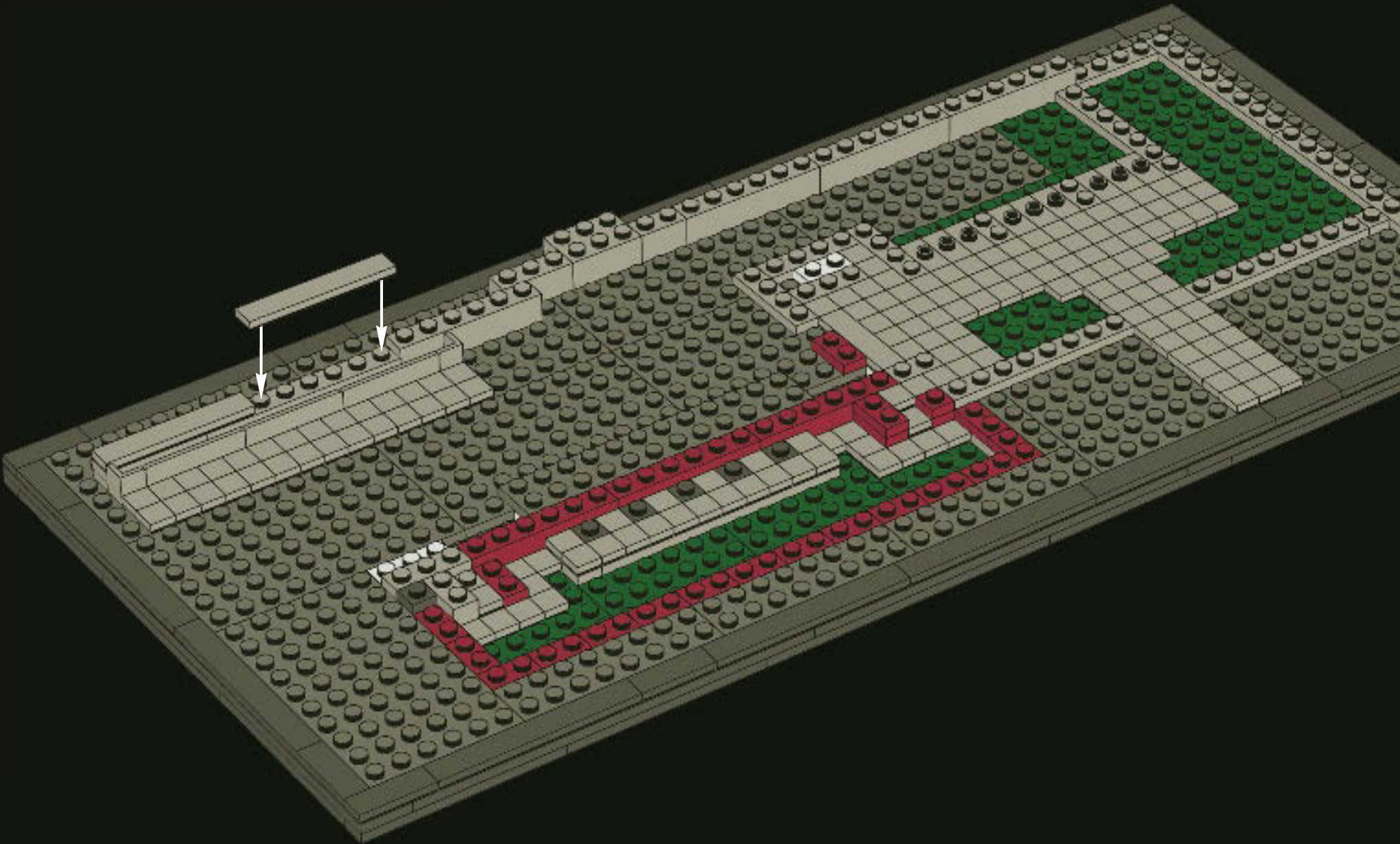
35



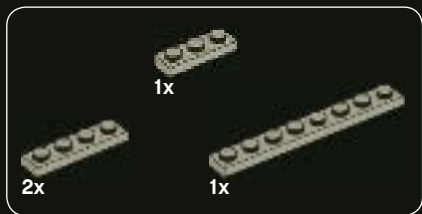




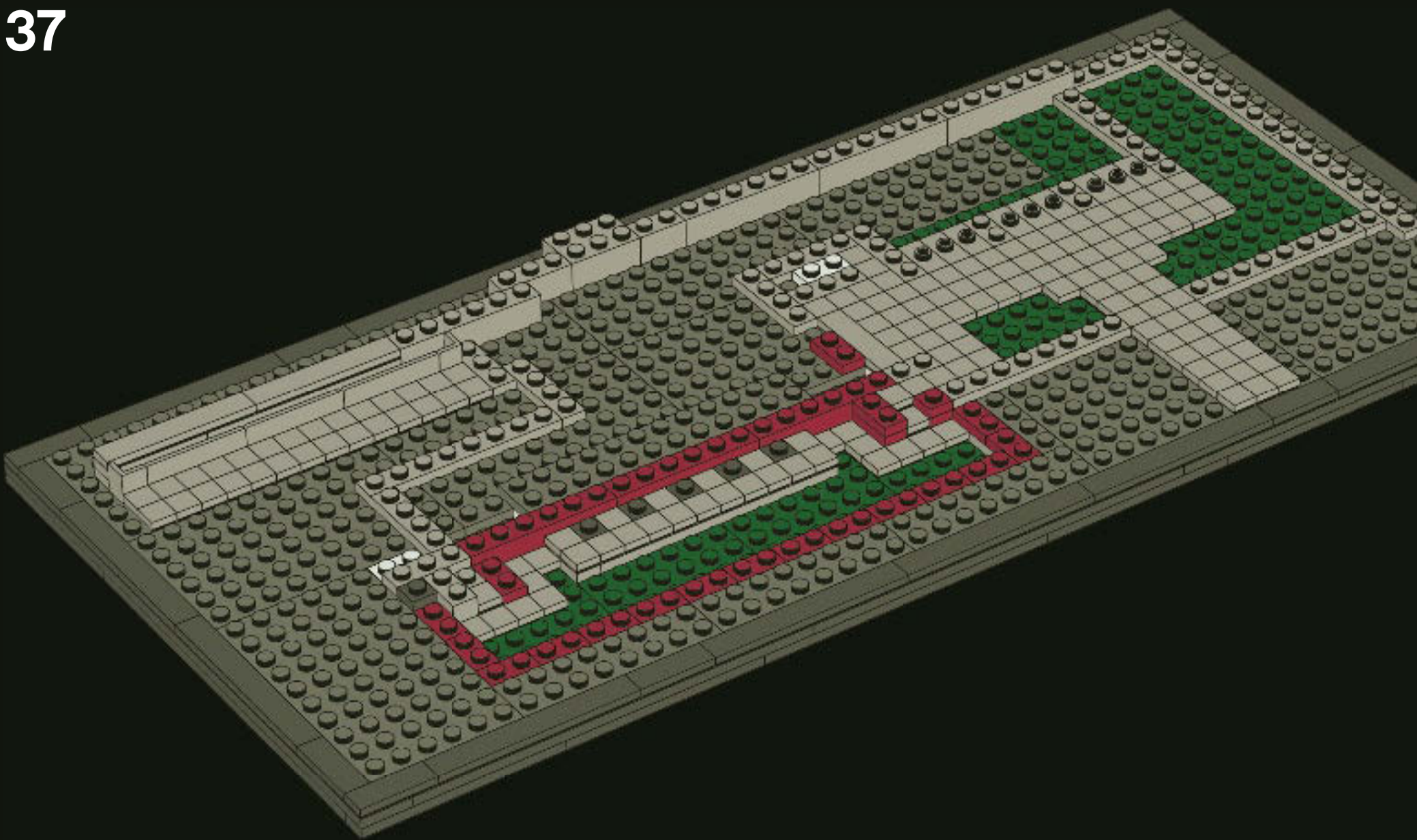
36





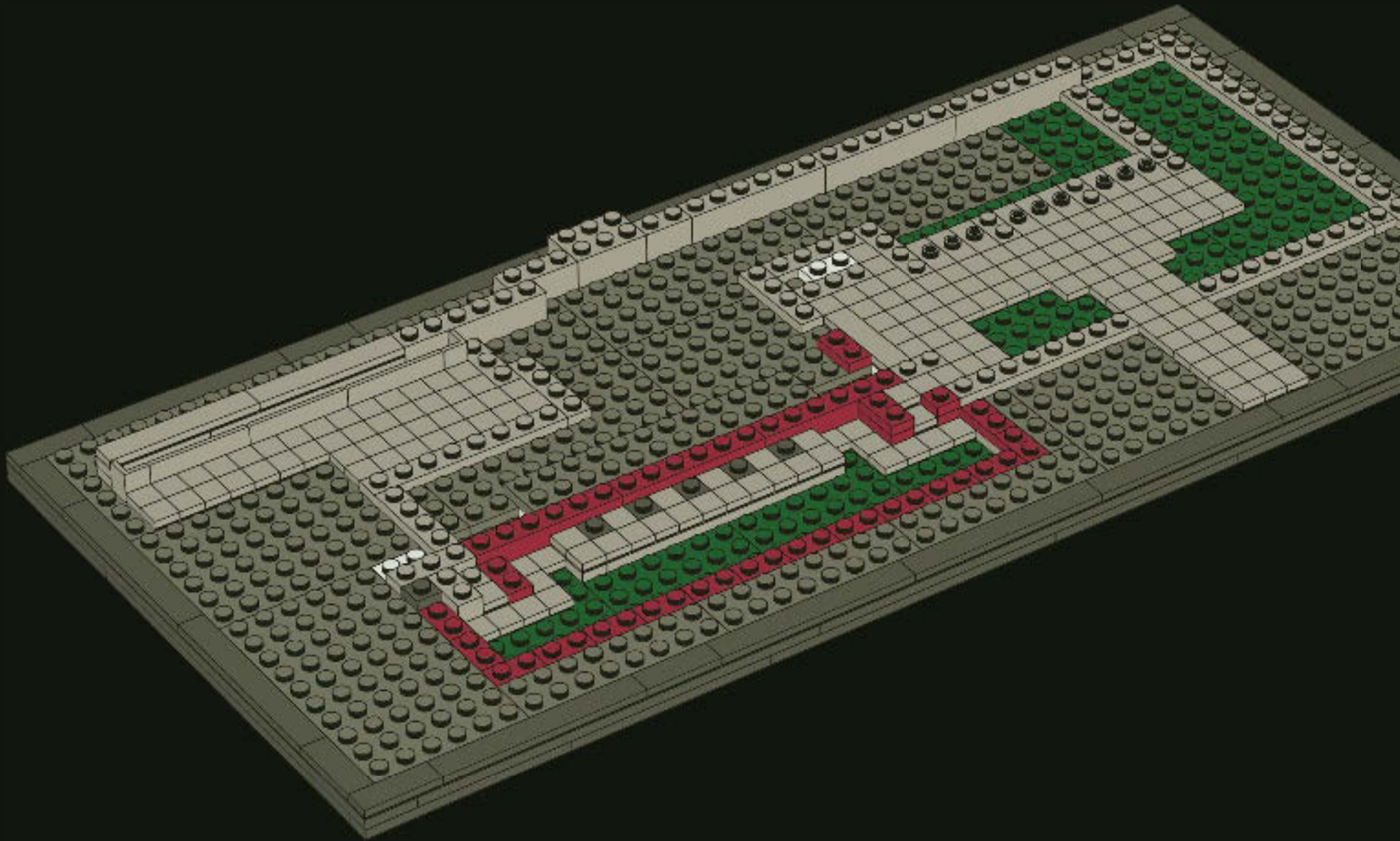


37



16x

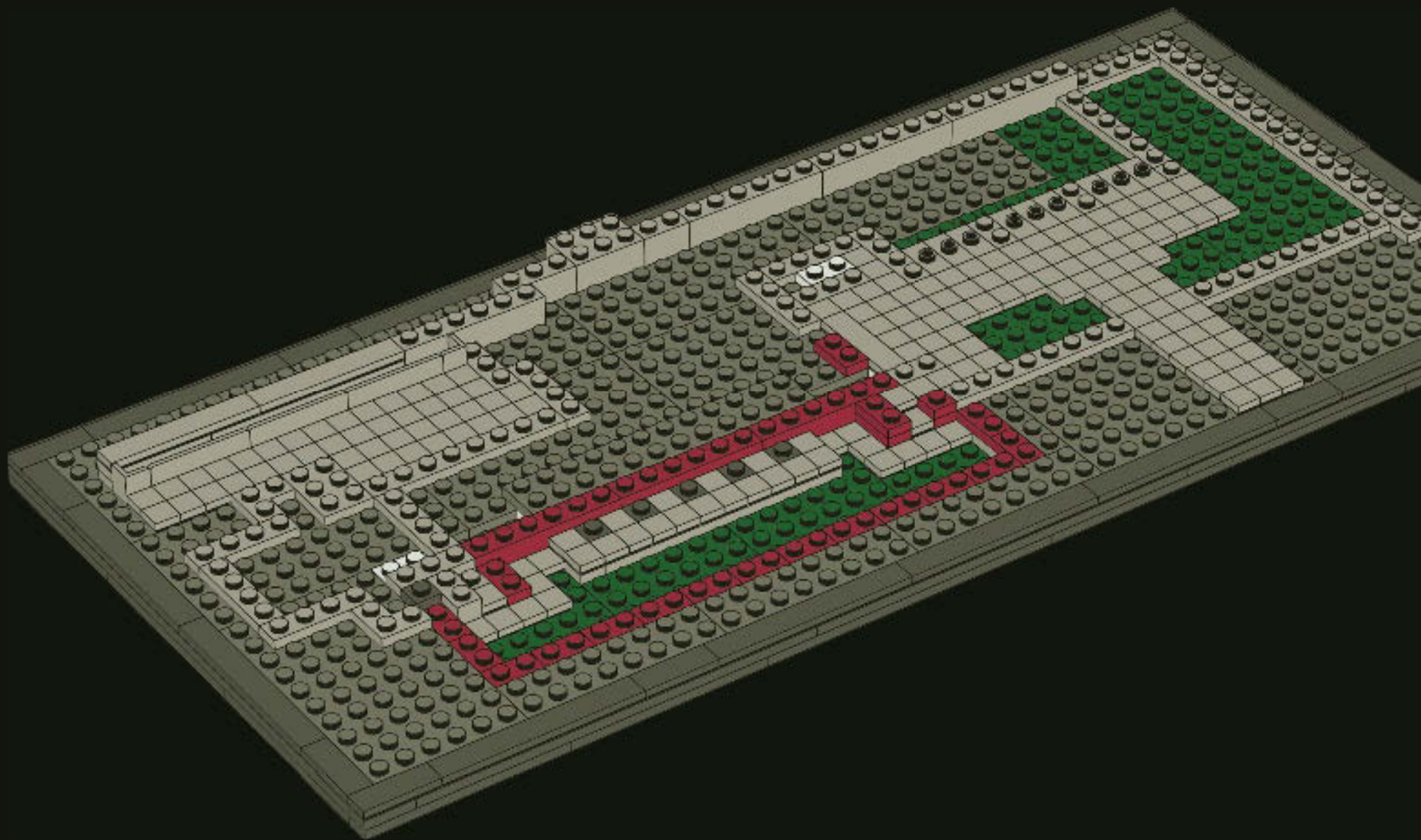
38



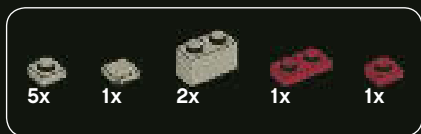




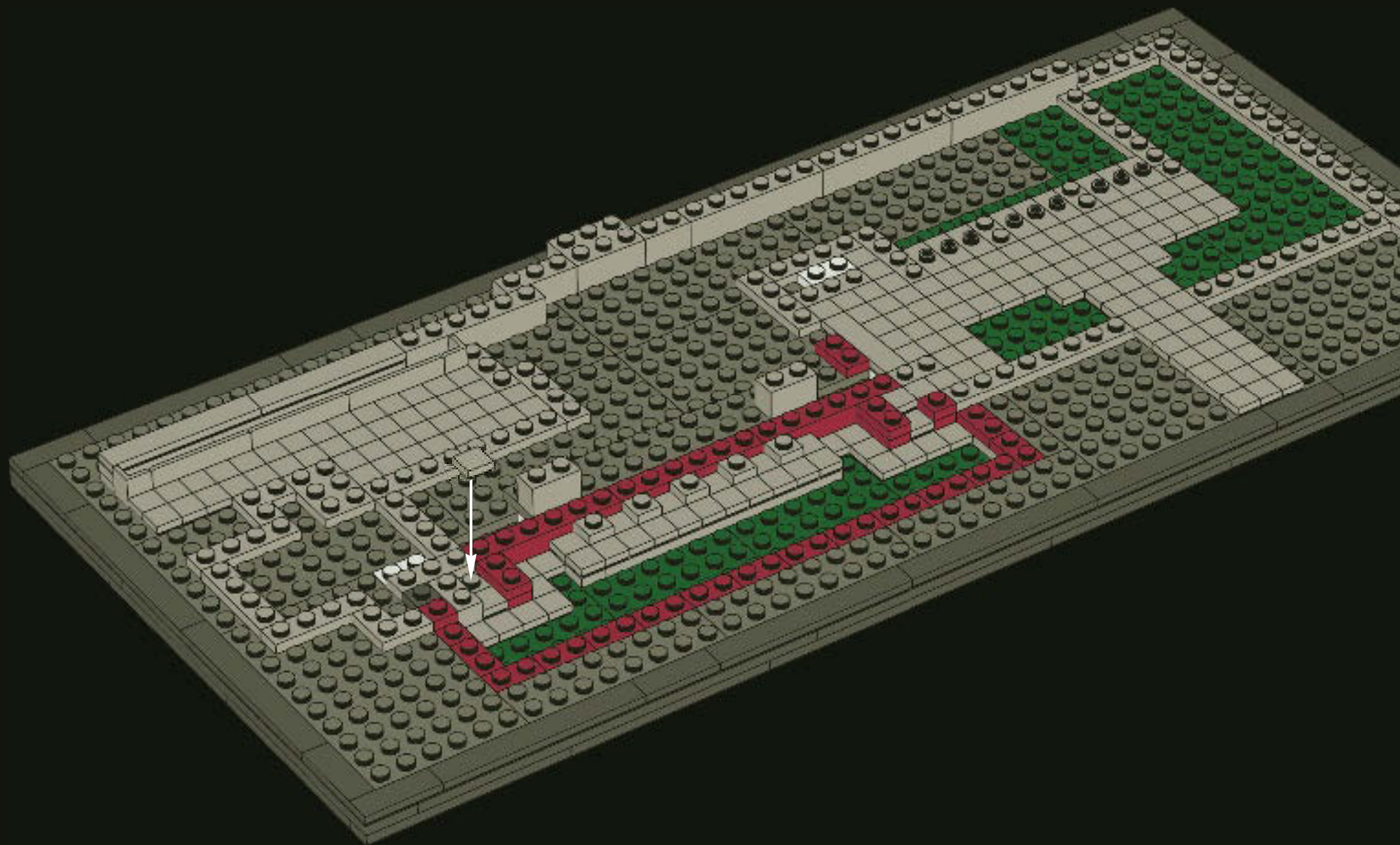
39







40





14x

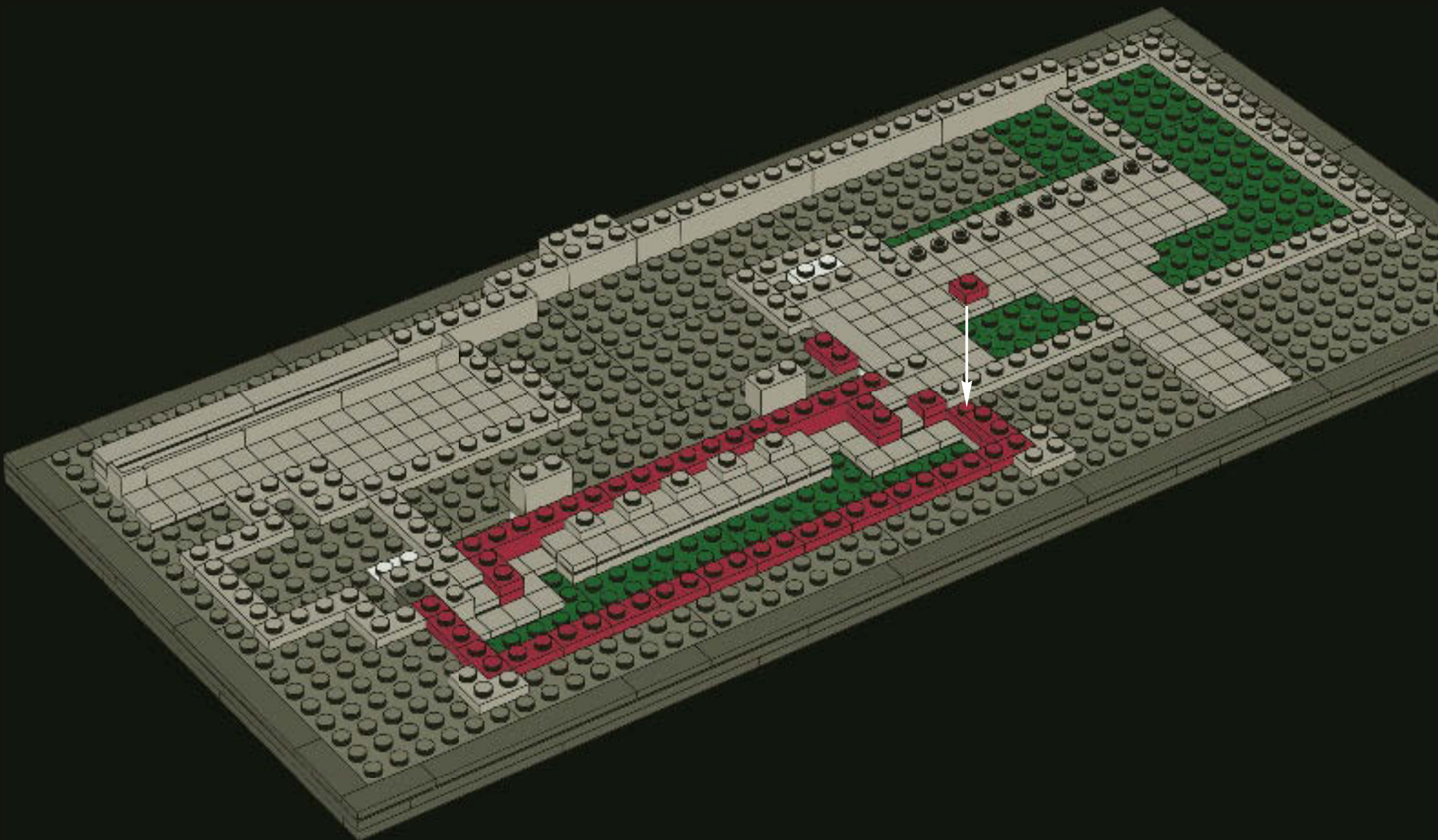


1x



2x

41







1x

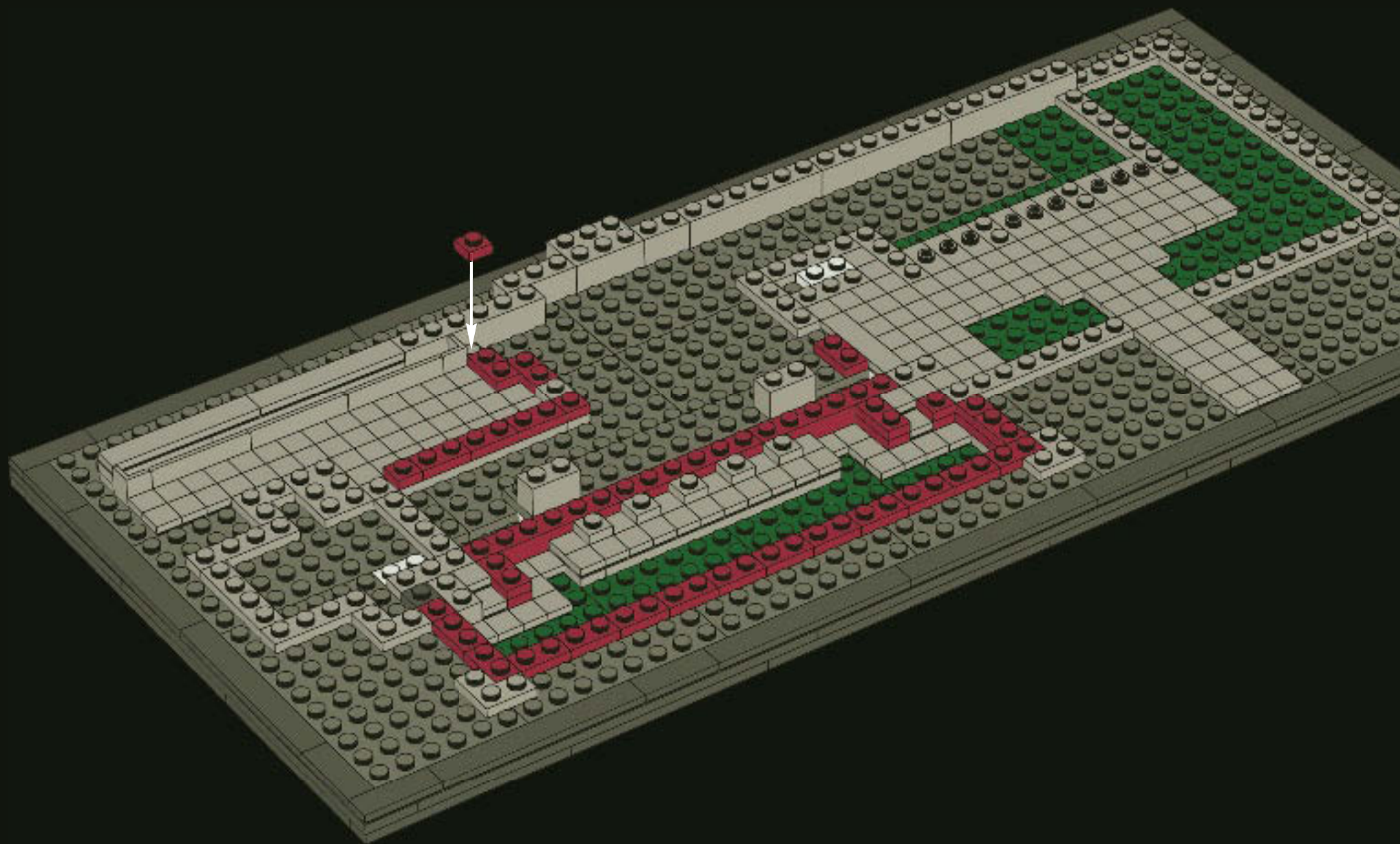


5x



3x

42







2x

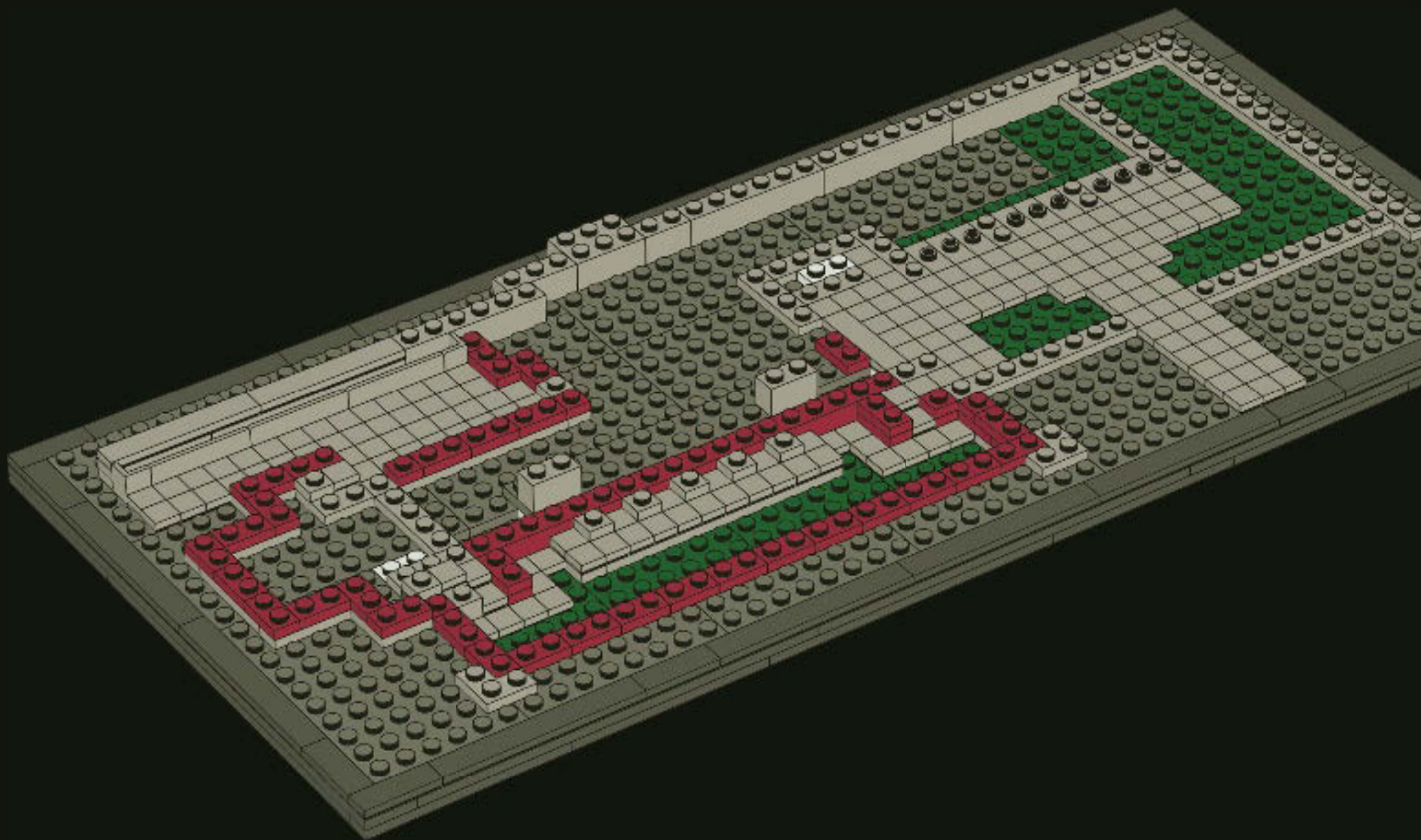



2x




10x

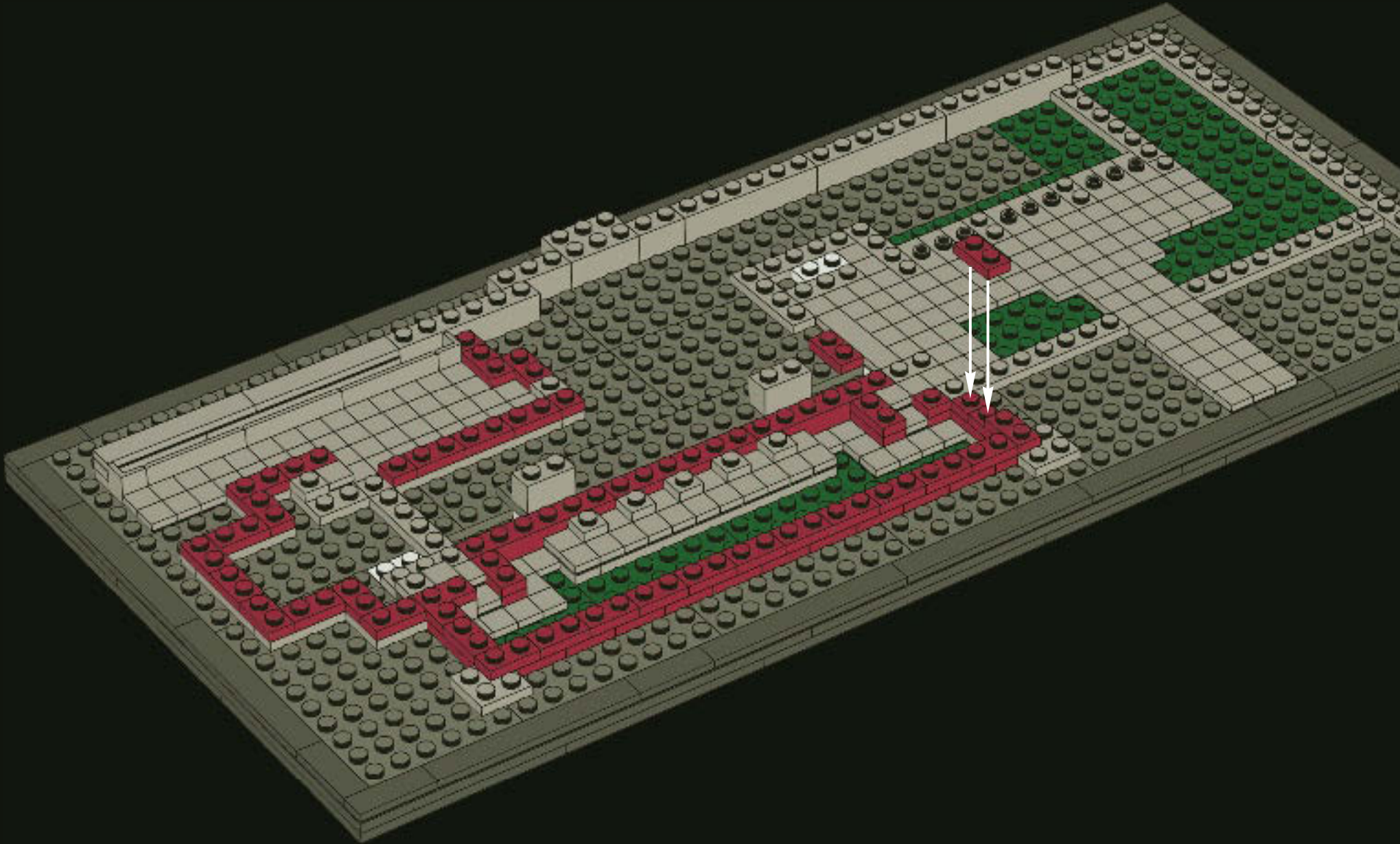
43



  
14x

  
1x

44





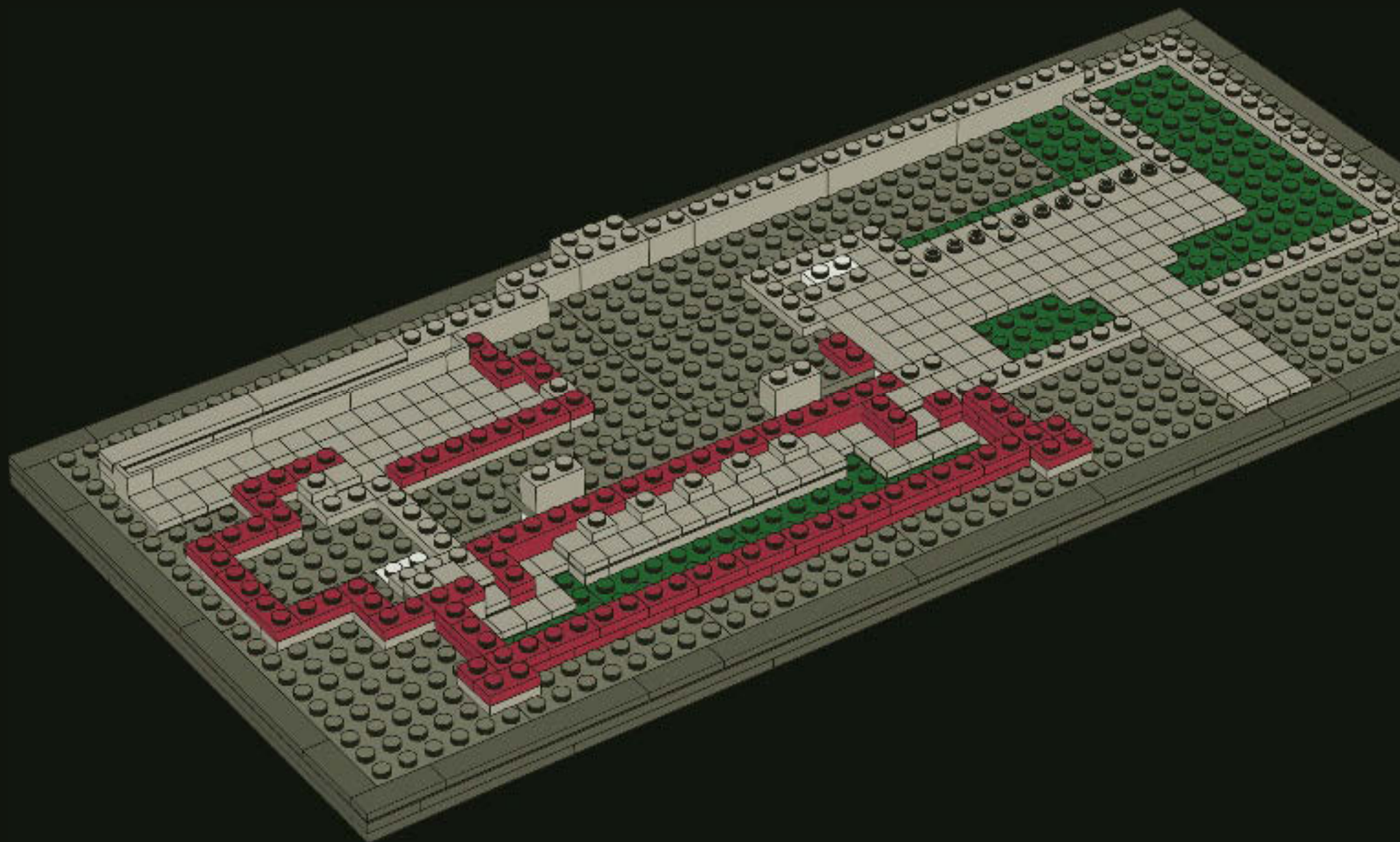


2x



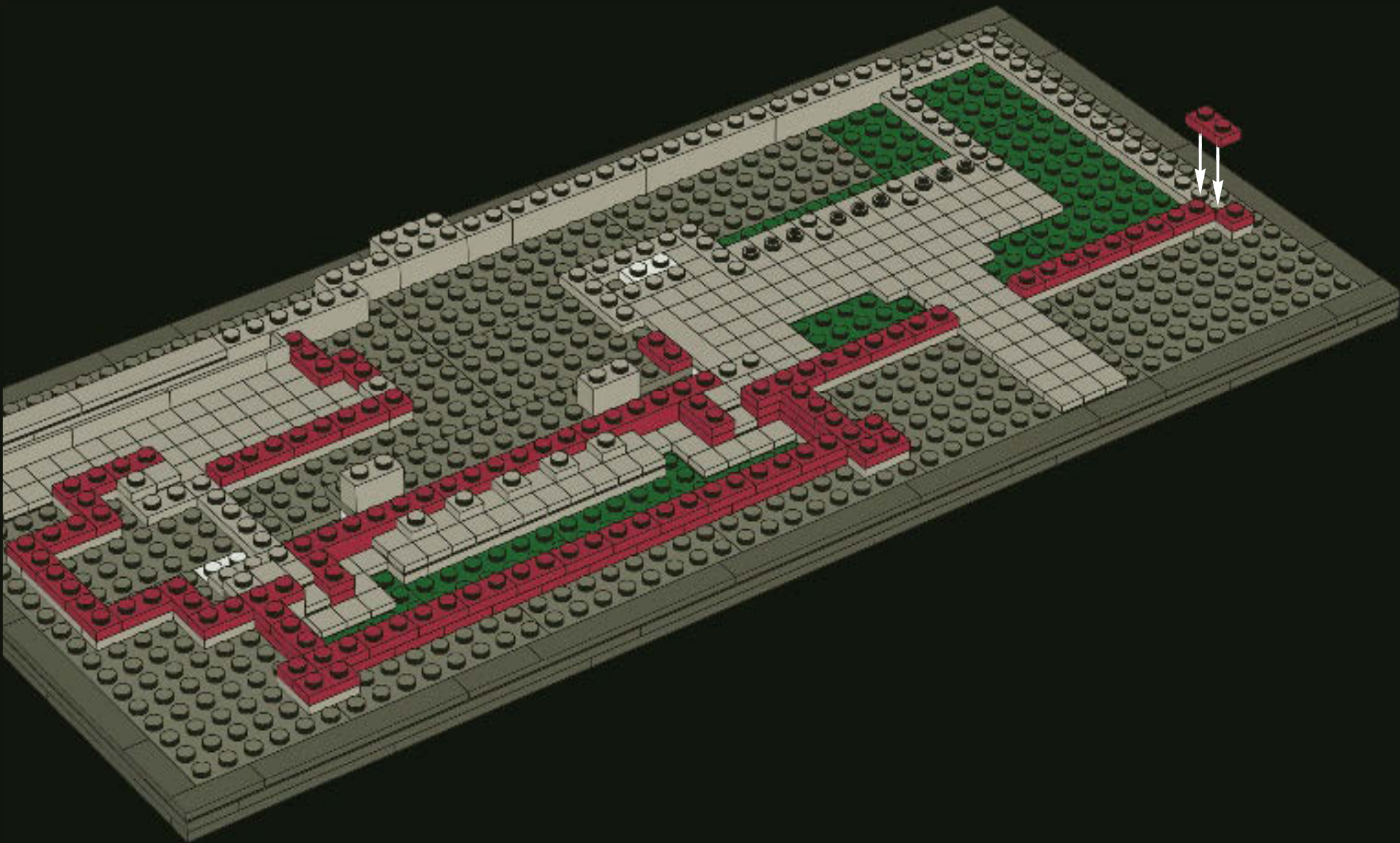
2x

45



1x 8x 2x

46





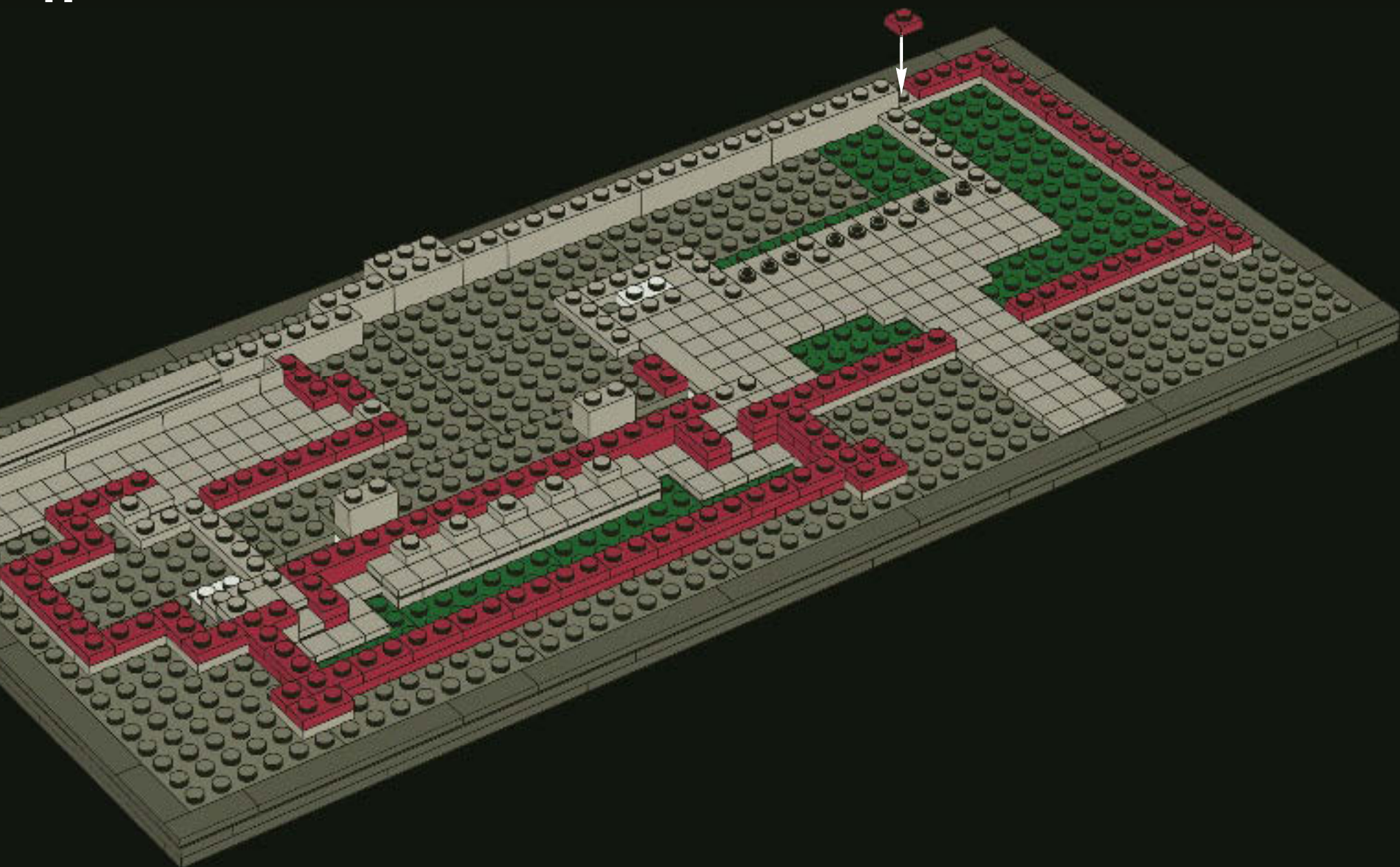


8x



1x

47



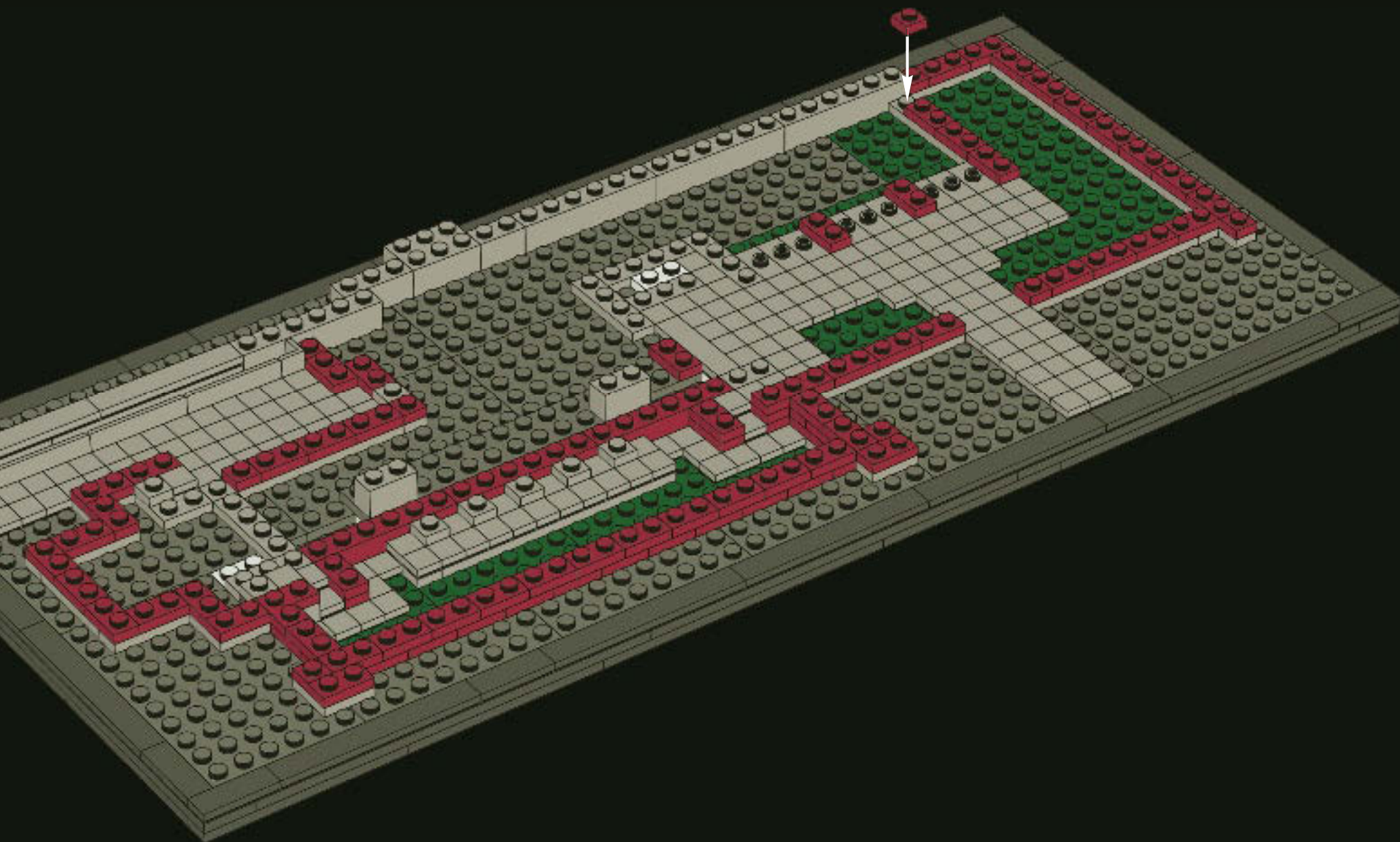


5x



1x

48





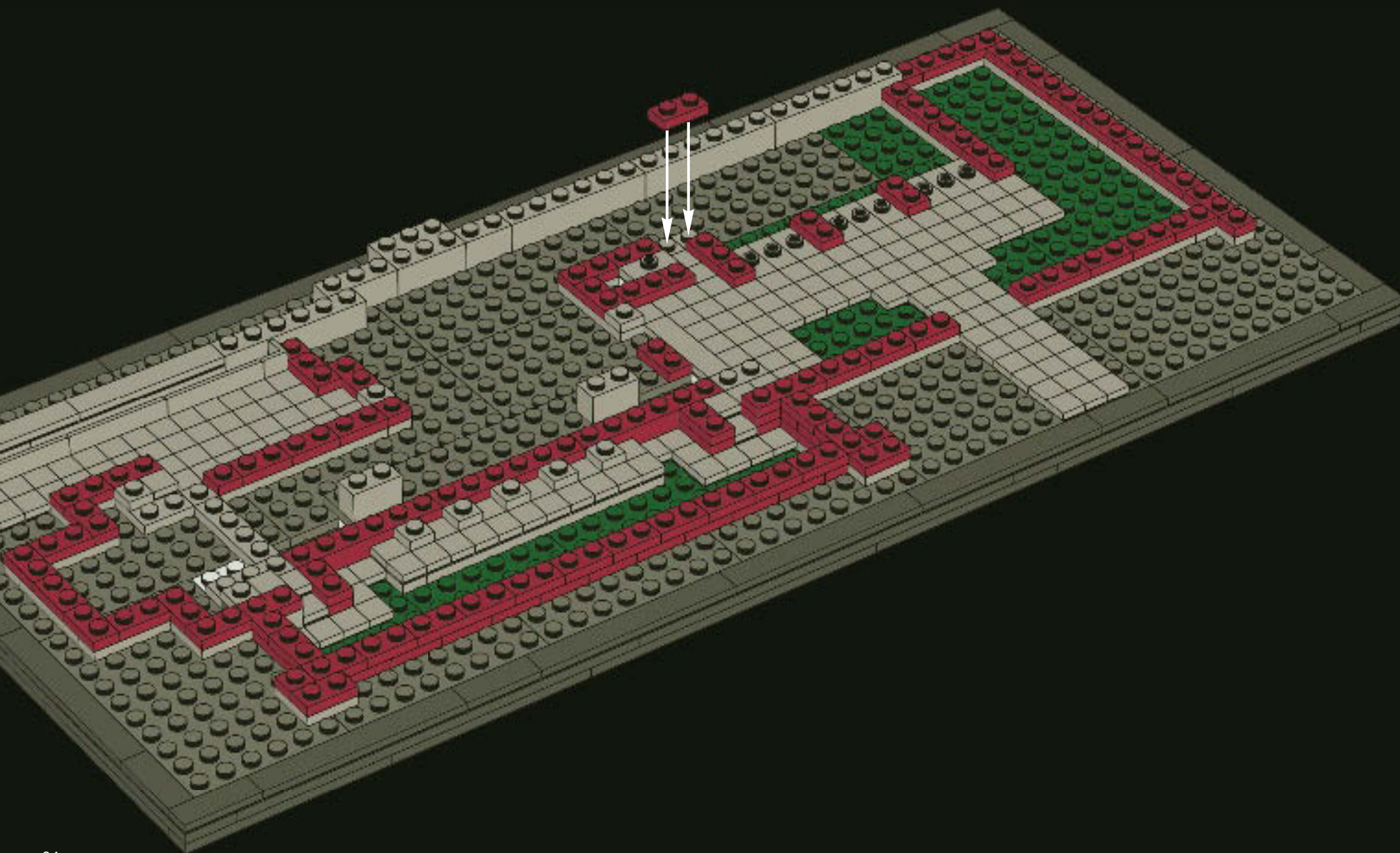
1x

1x

6x

2x

49





3x

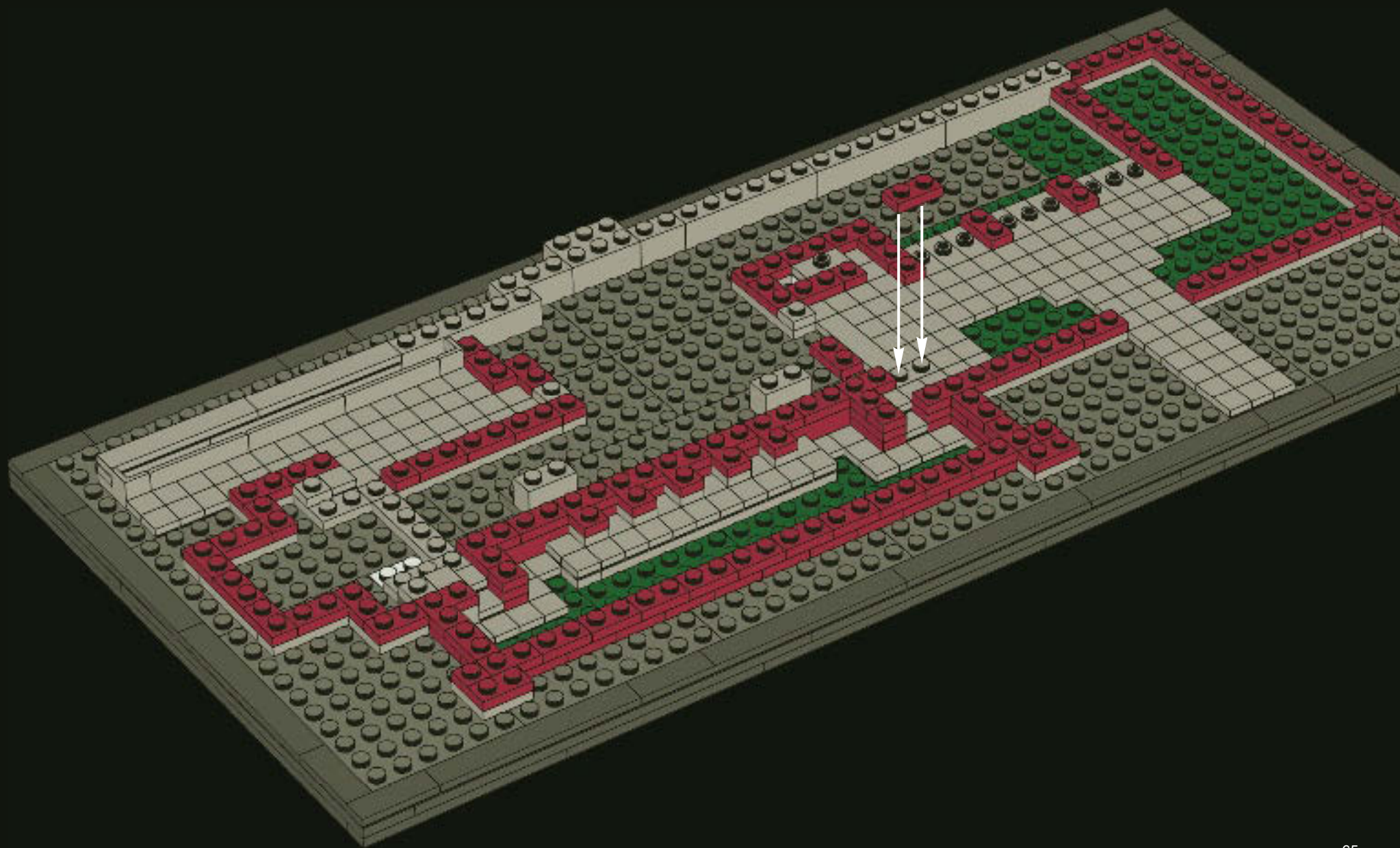


7x



2x

# 50







1x

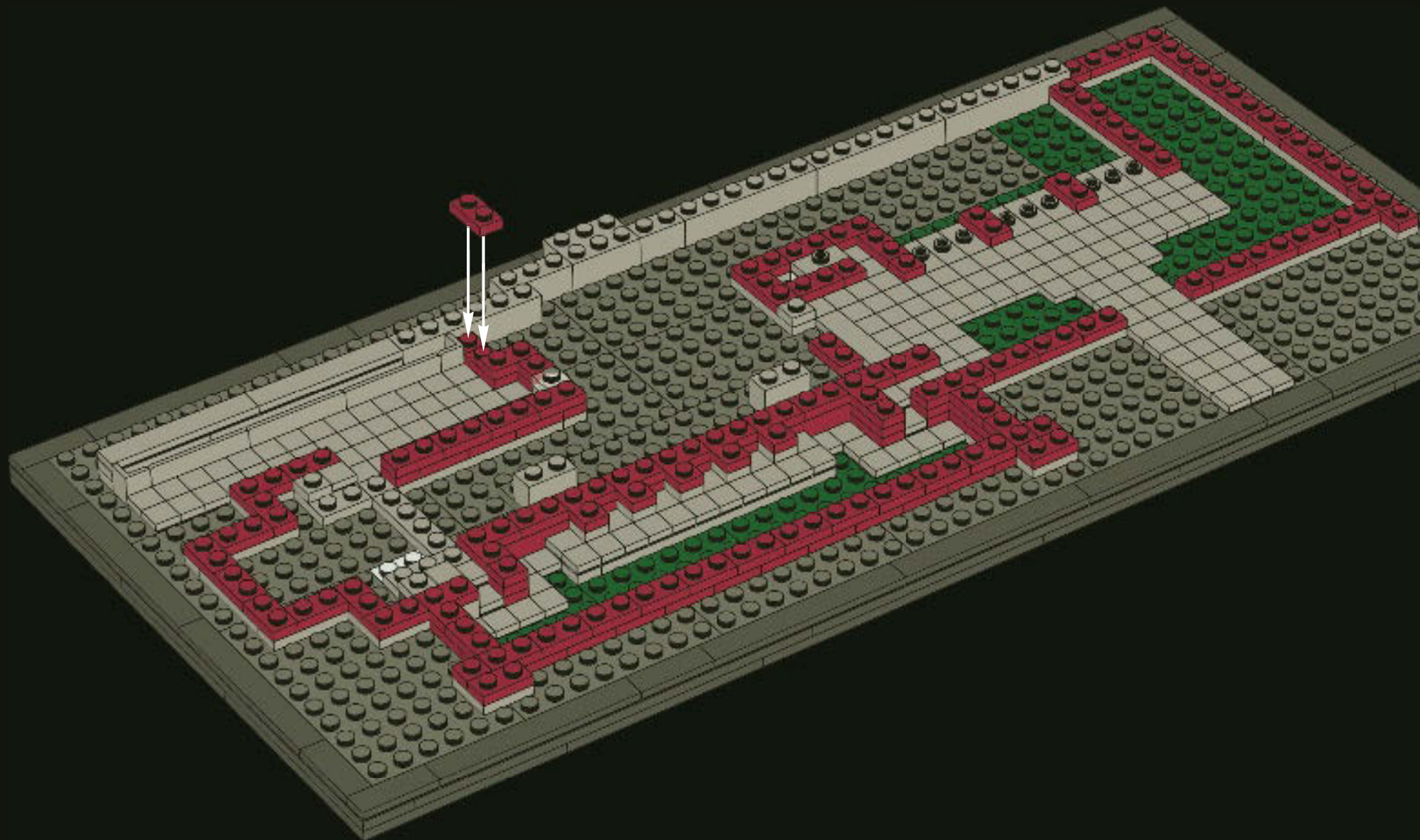


6x



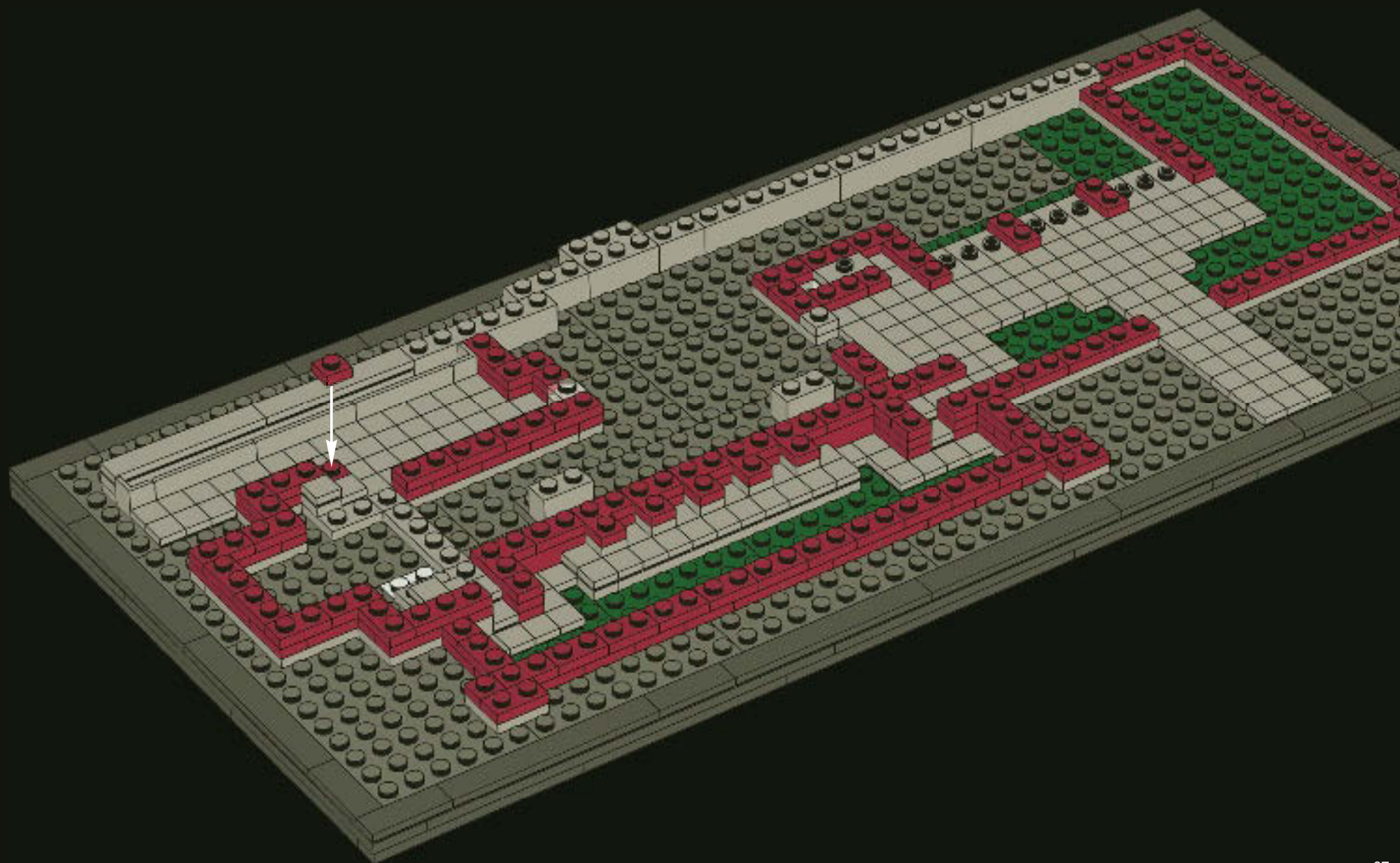
1x

51

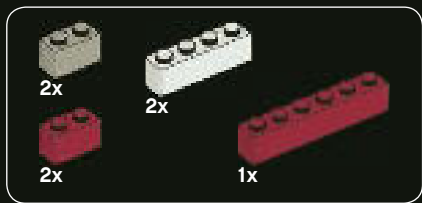


2x 1x 9x 1x

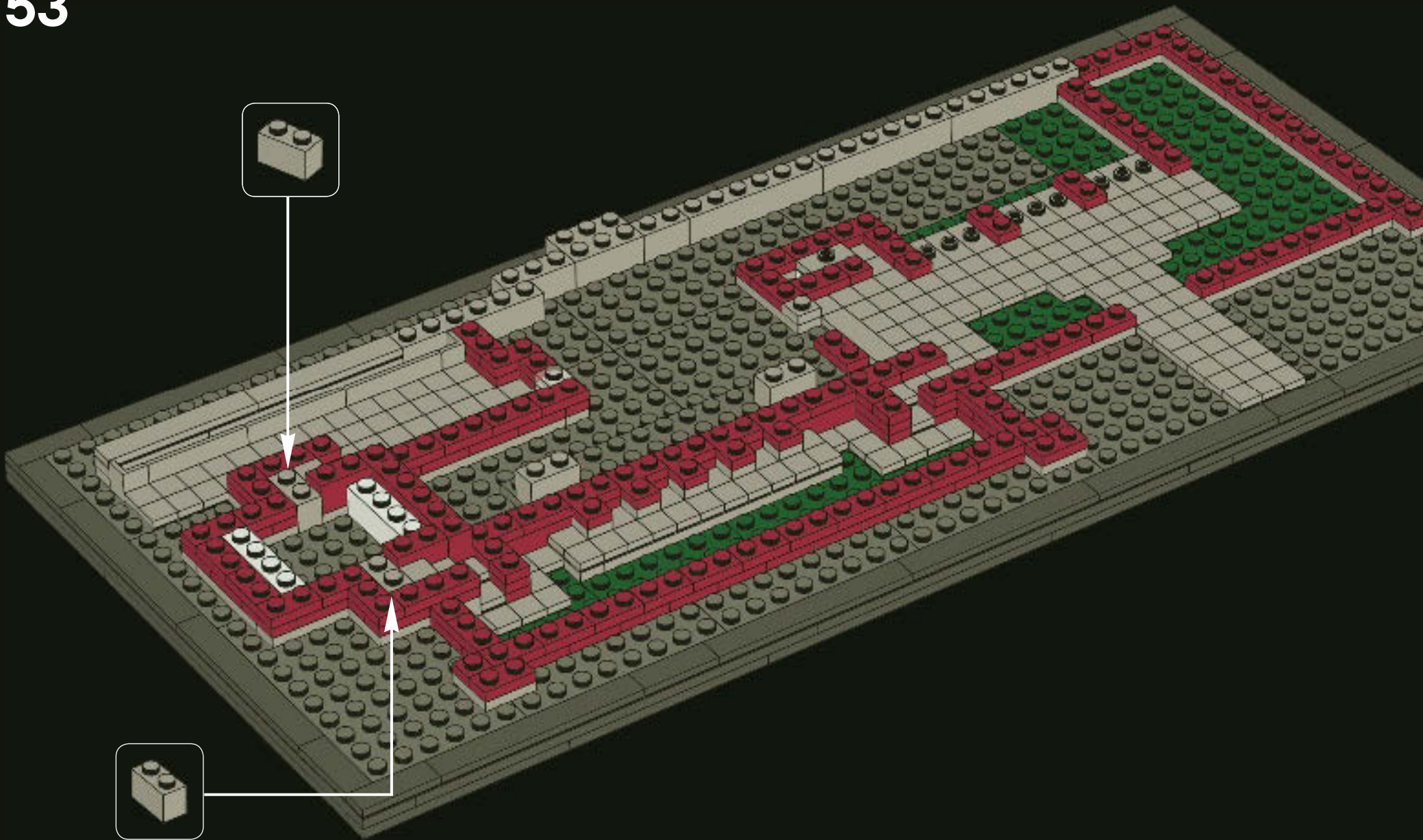
52





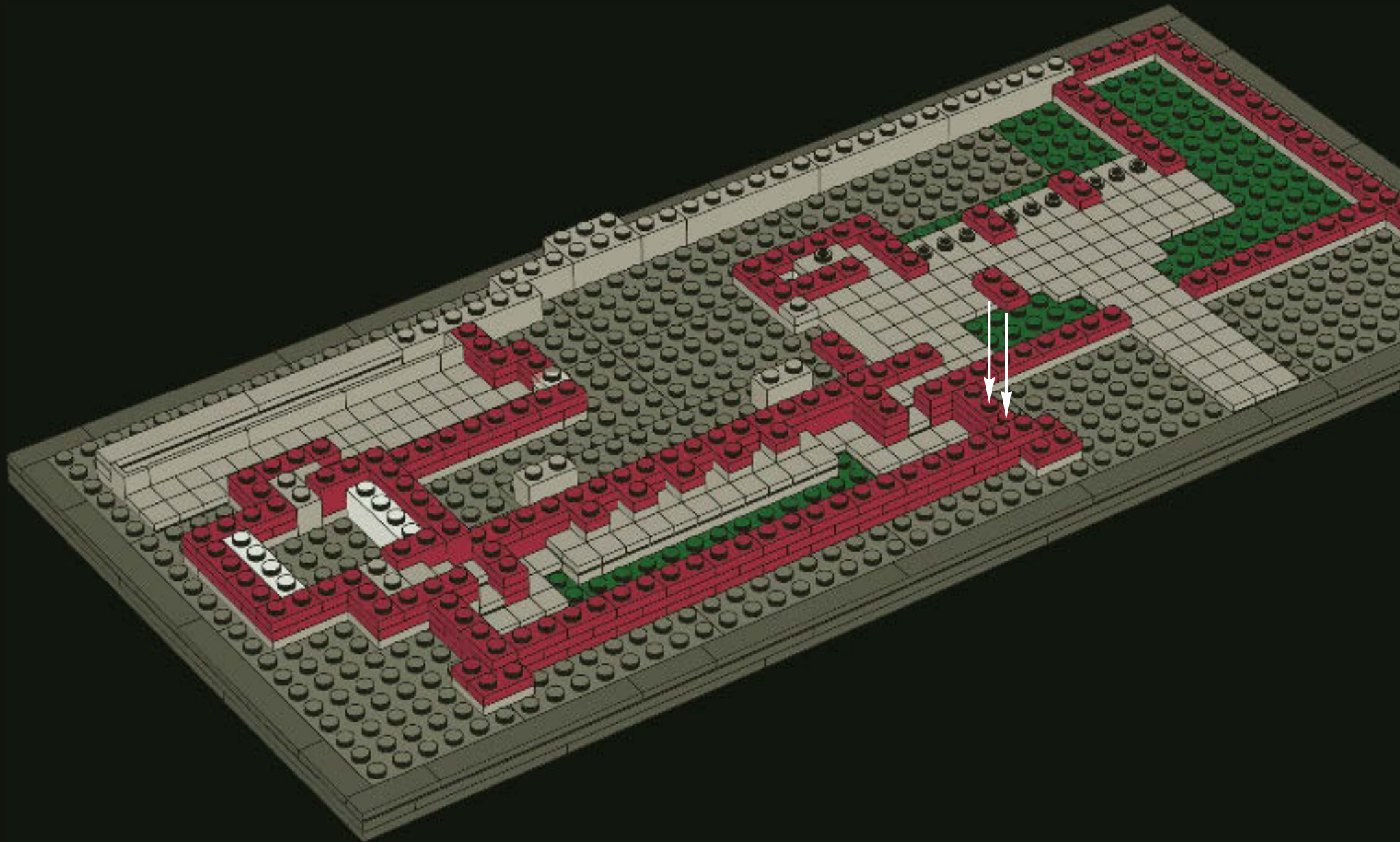


53



14x

54





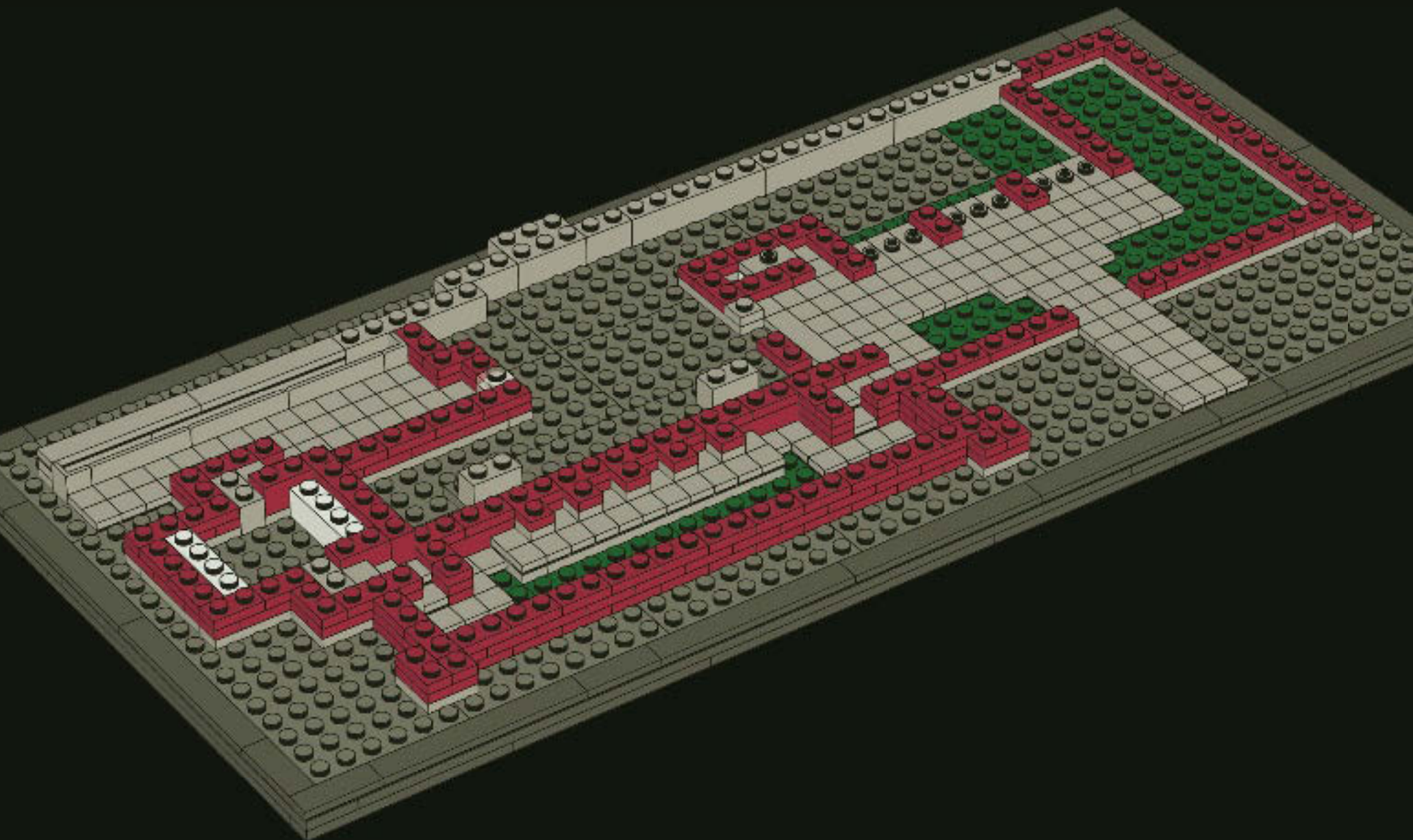



2x





2x

55

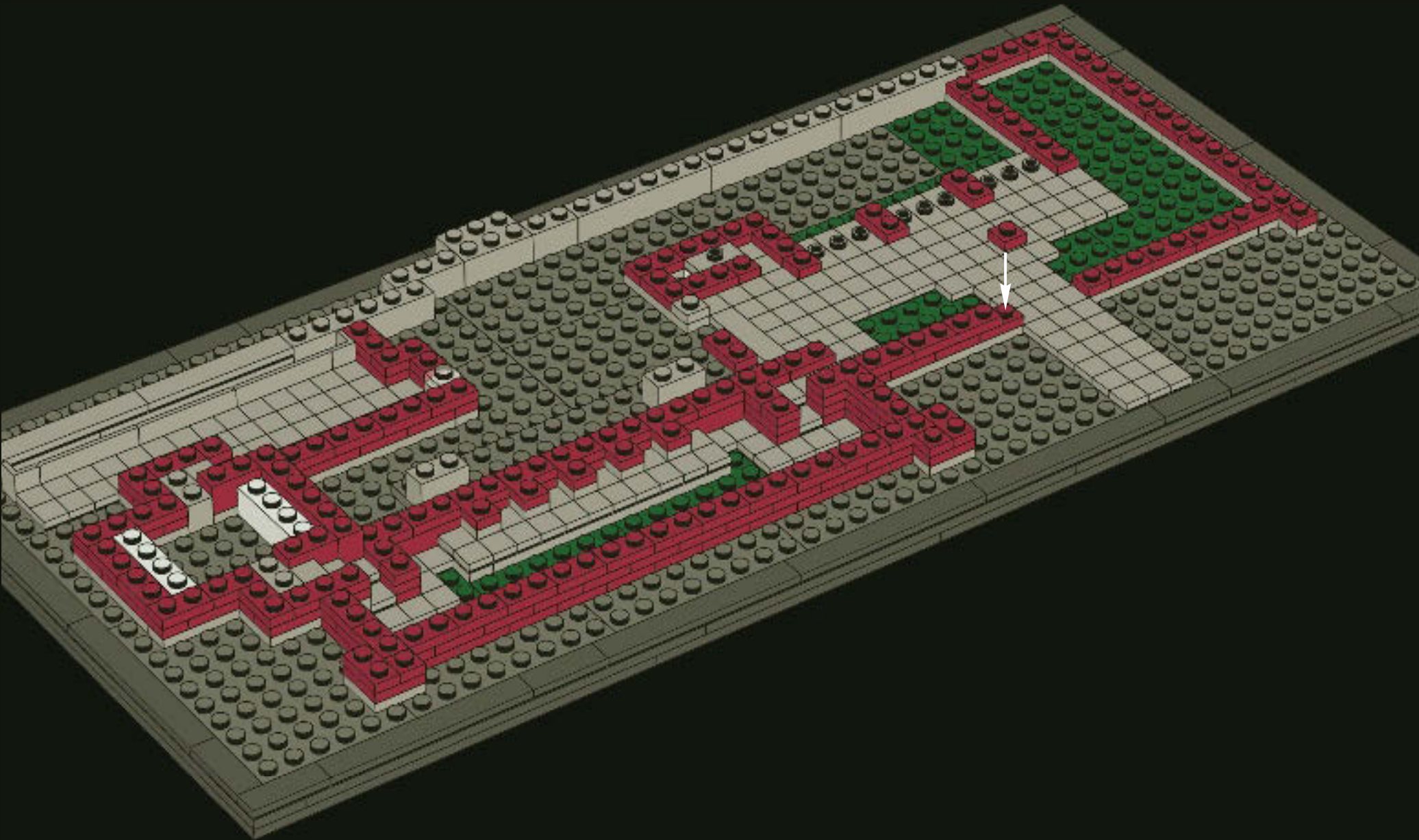


  
3x

  
1x

  
1x

56

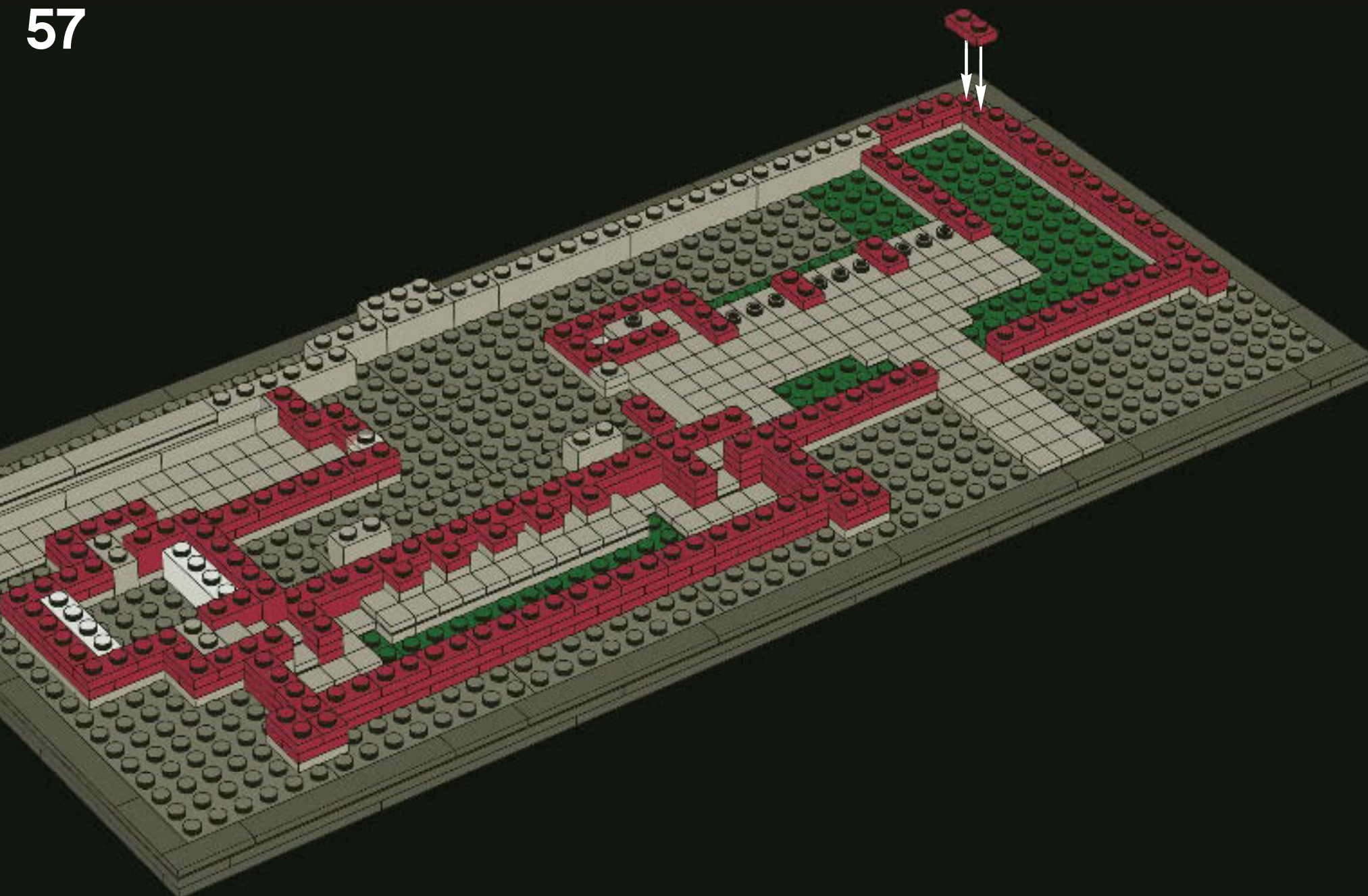






13x


1x

57

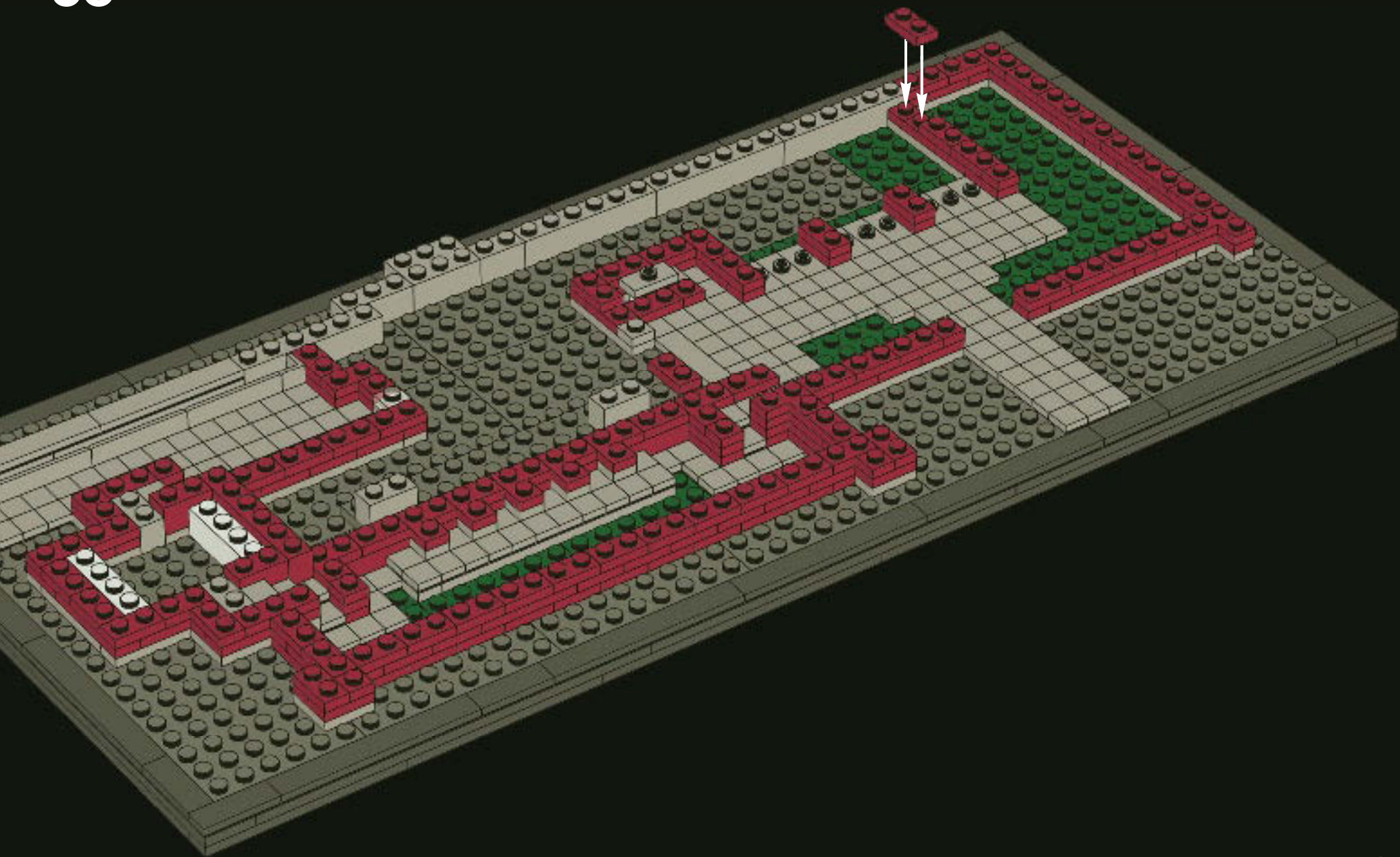


  
10x

  
1x

  
1x

58





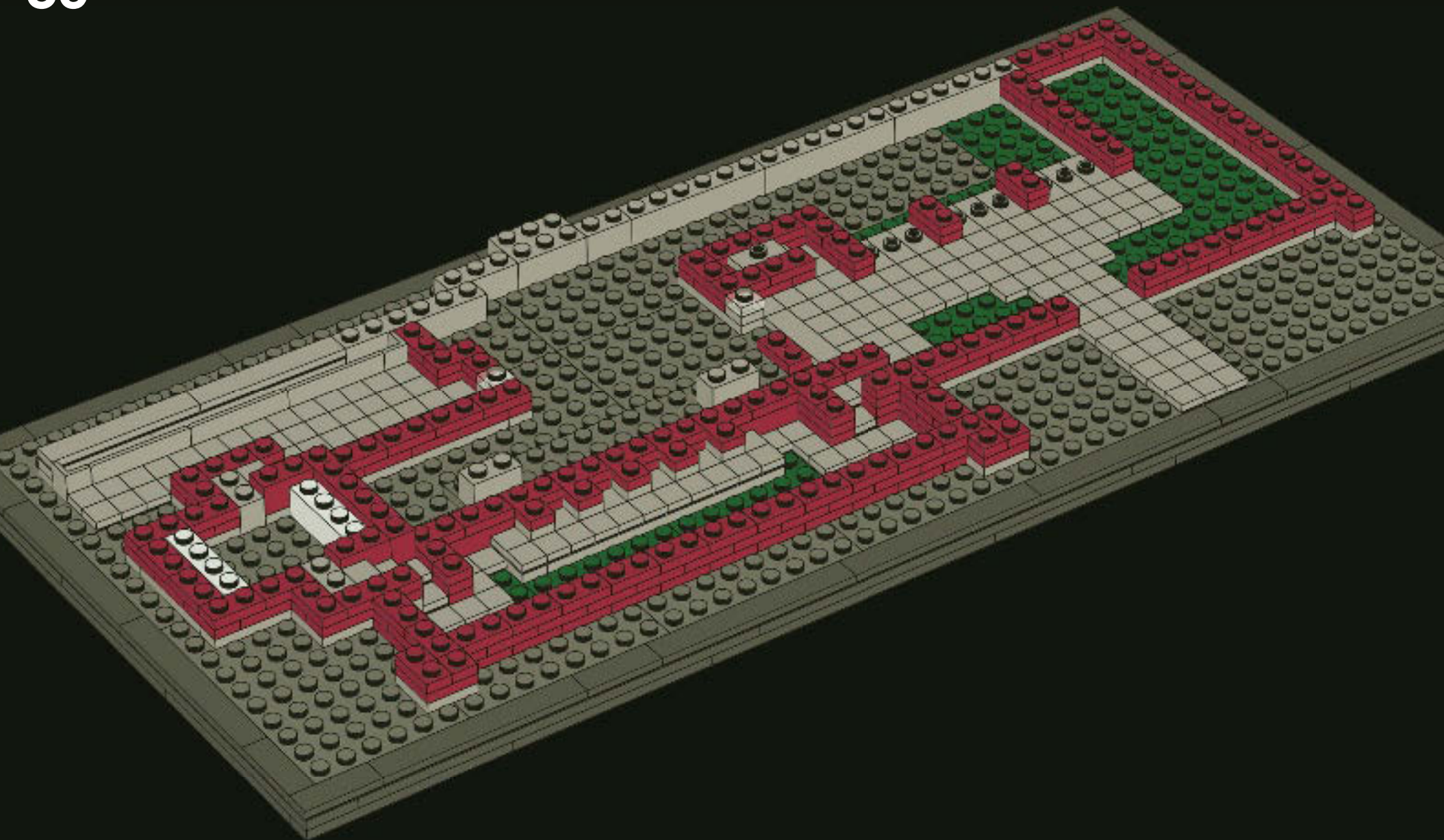


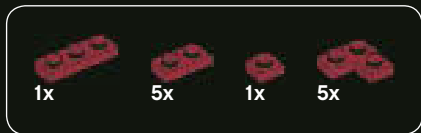
1x



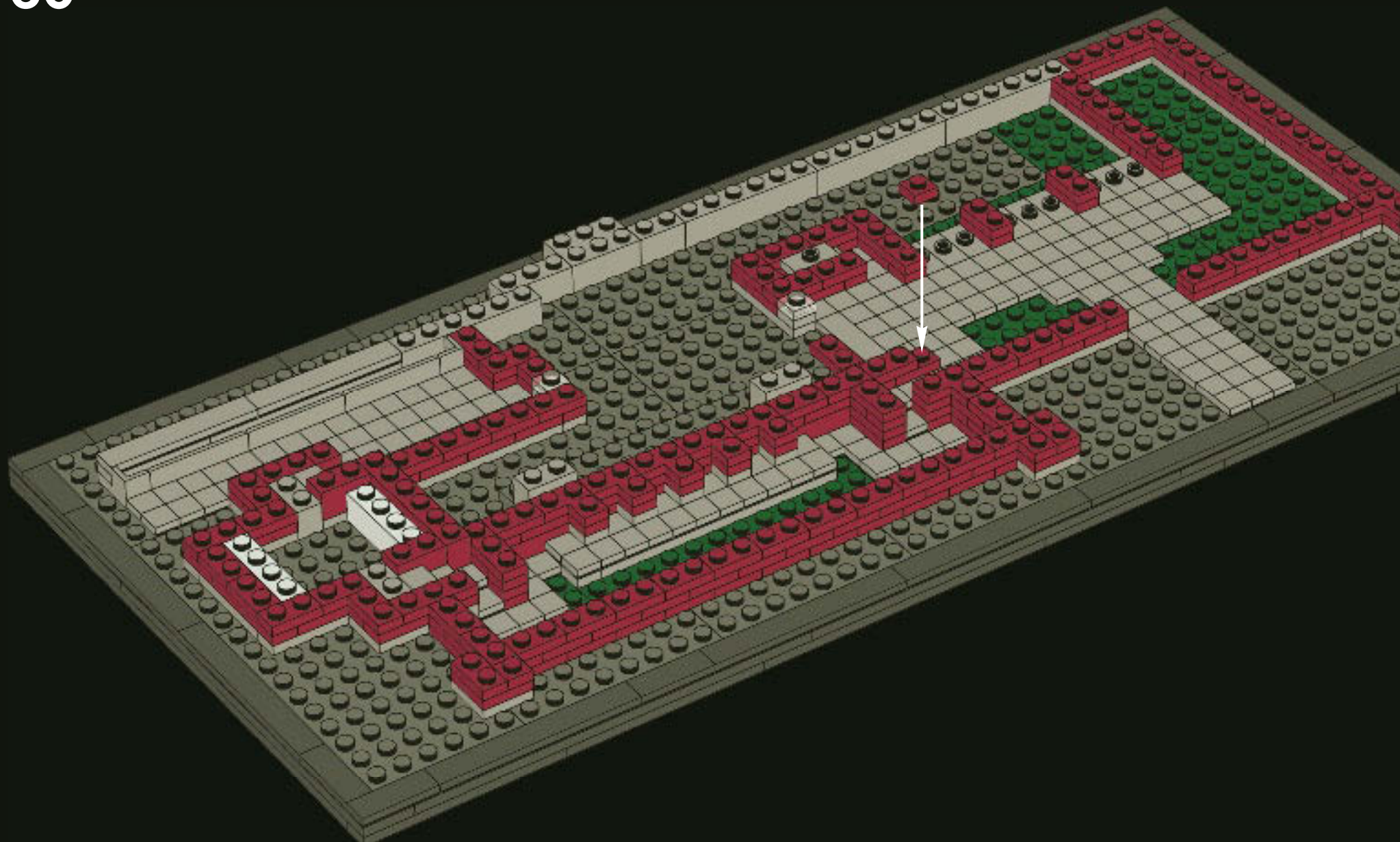
2x

59





60





14x

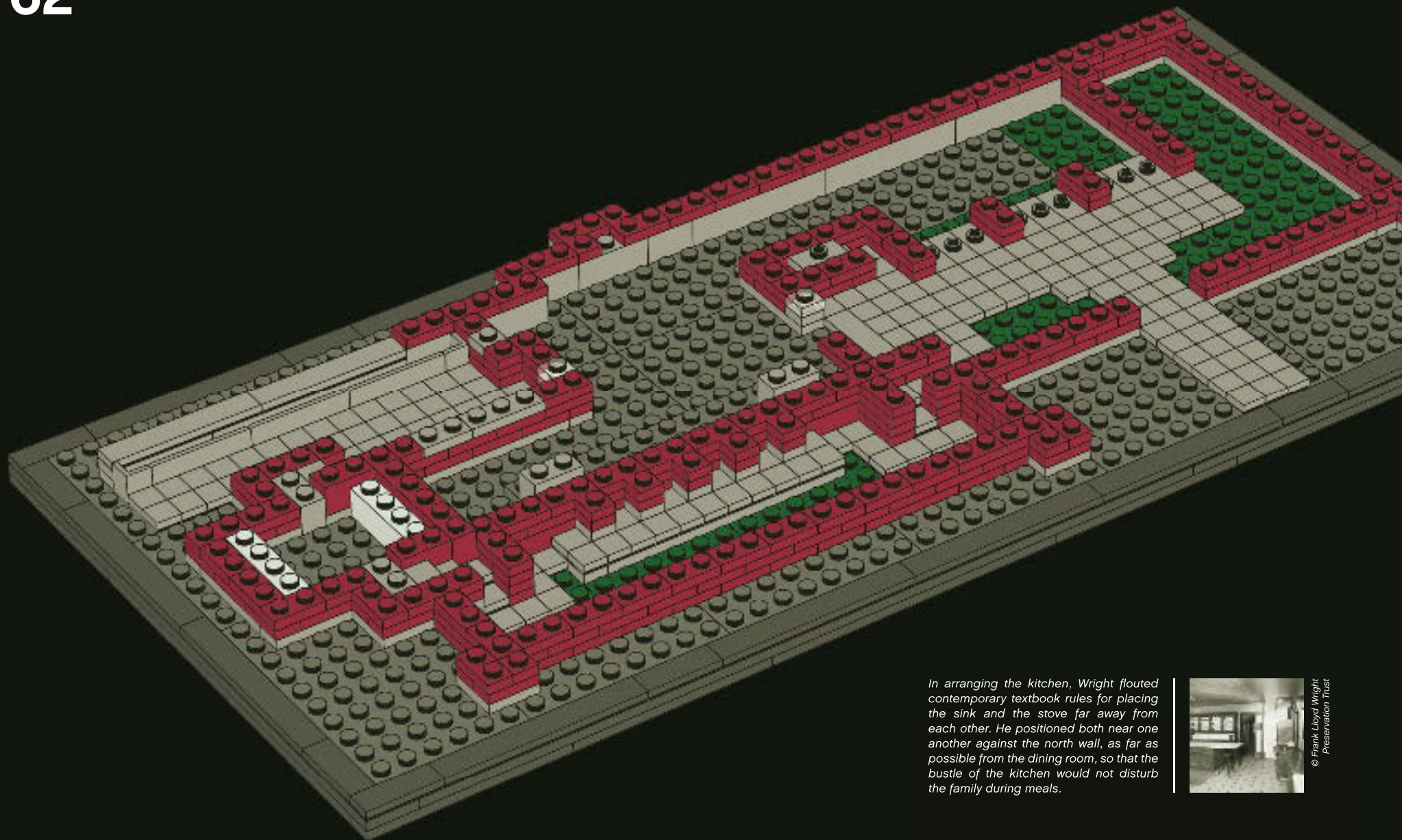
4x

61





# 62



*In arranging the kitchen, Wright flouted contemporary textbook rules for placing the sink and the stove far away from each other. He positioned both near one another against the north wall, as far as possible from the dining room, so that the bustle of the kitchen would not disturb the family during meals.*



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2x

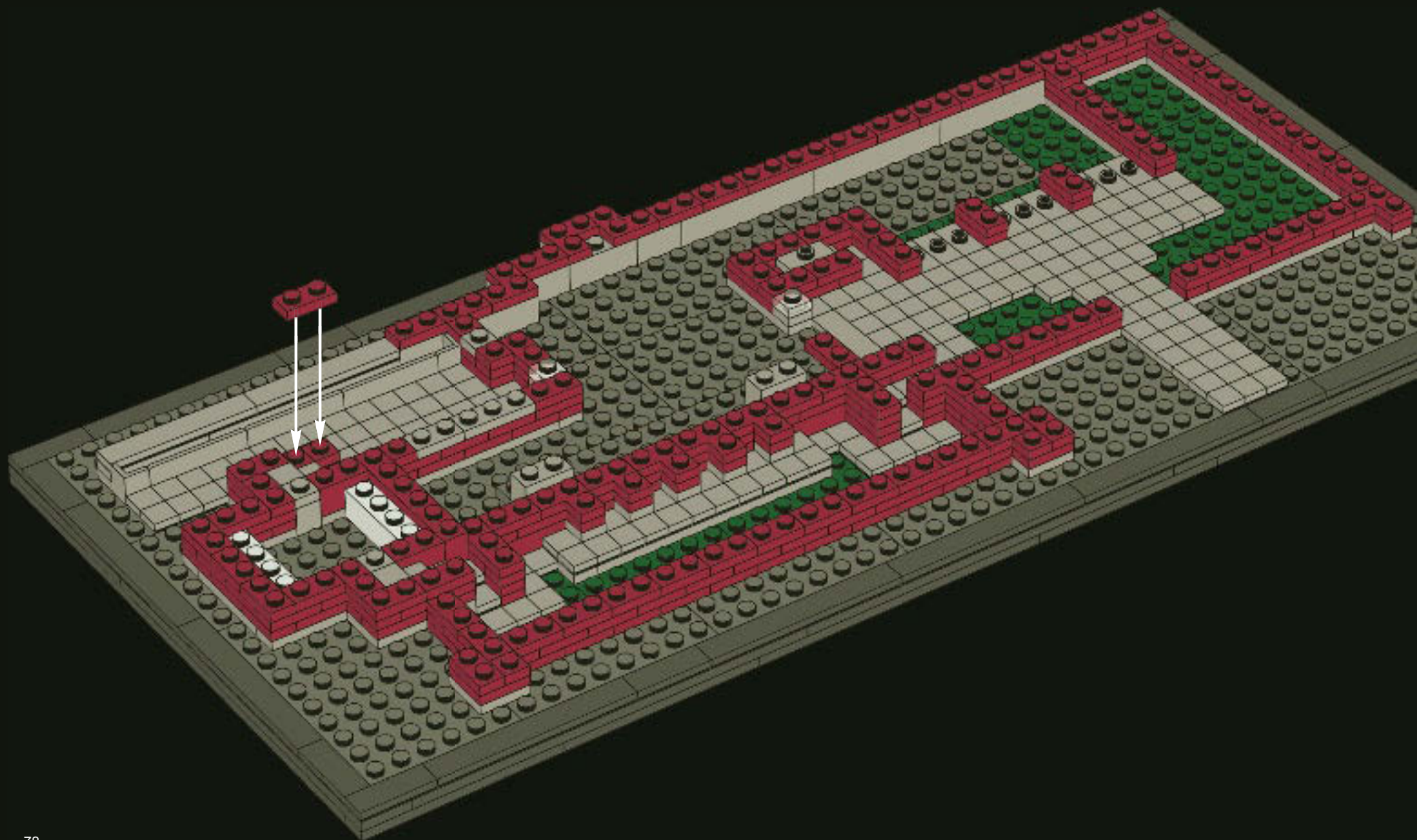


2x



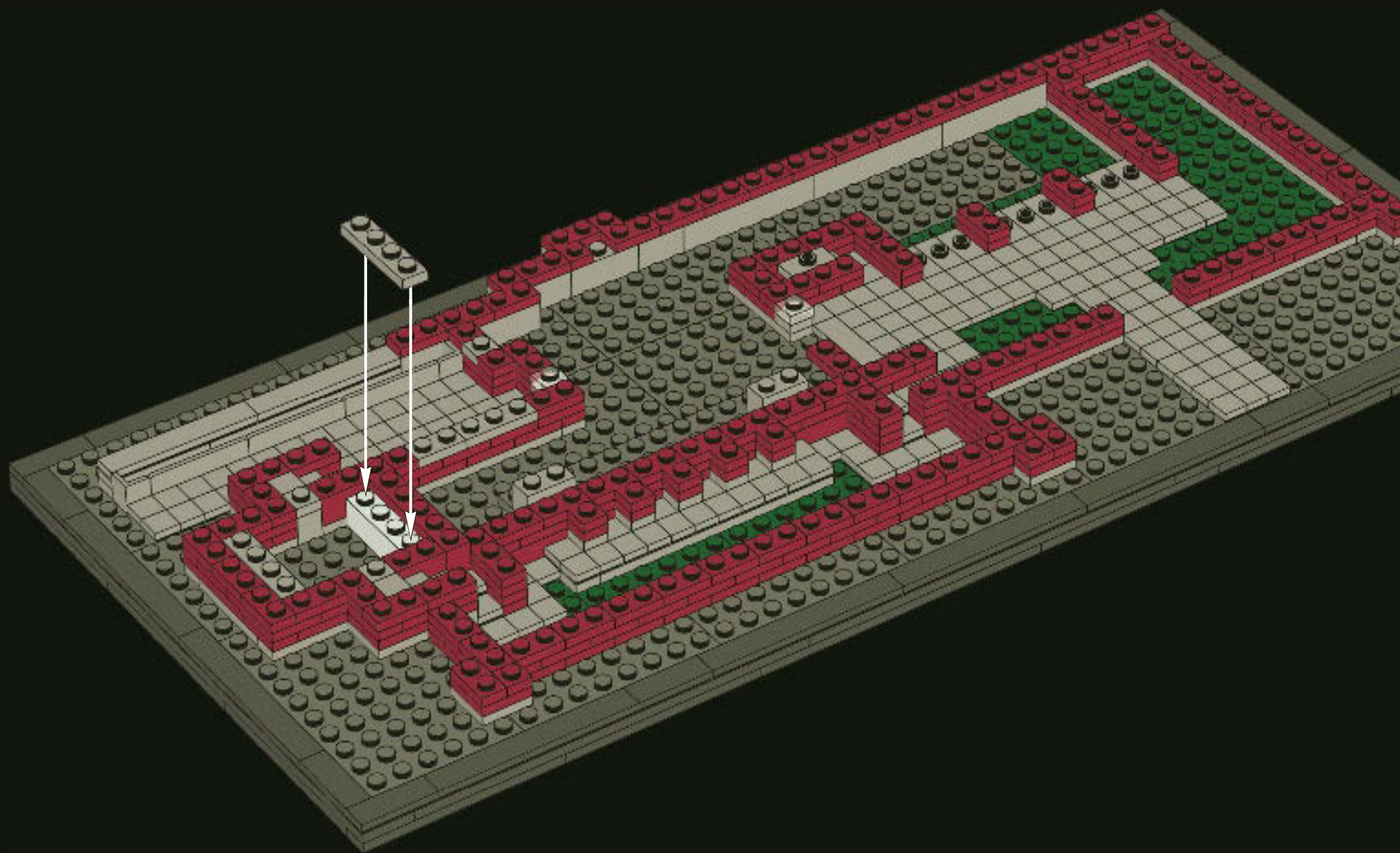
11x

63





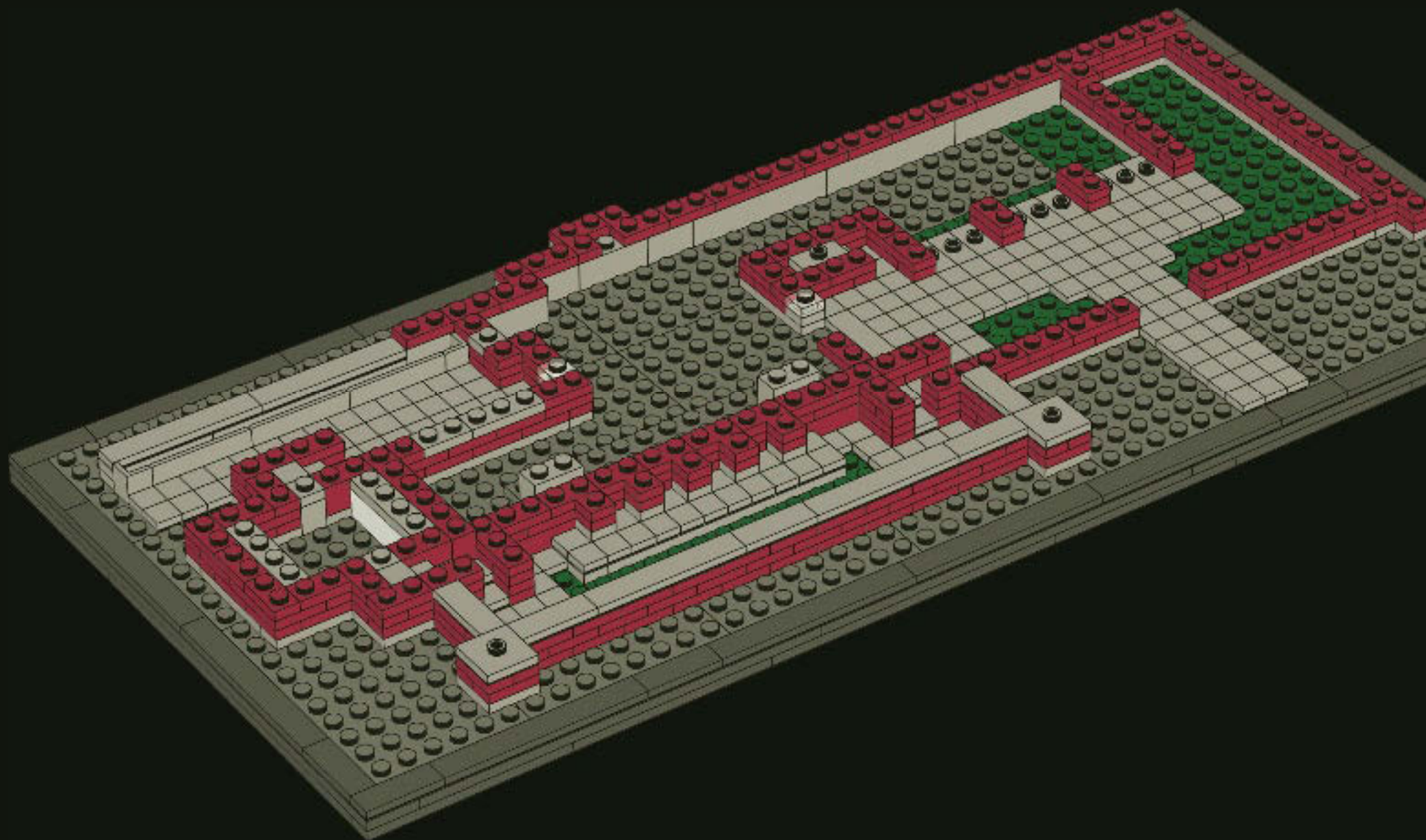
64

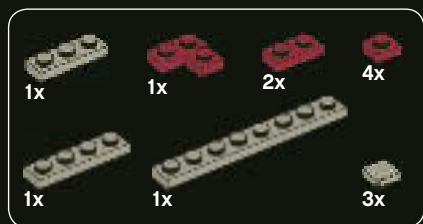




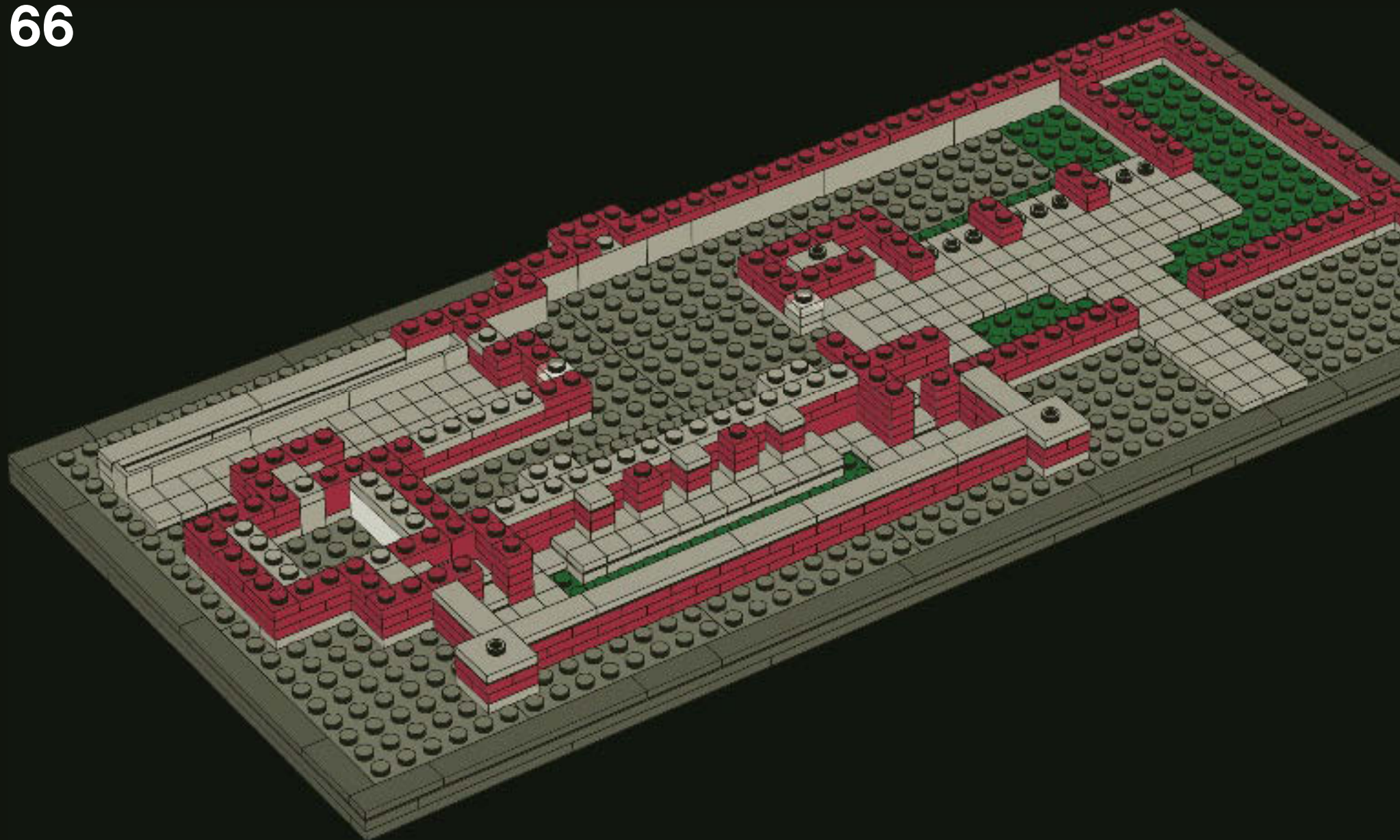


65





66

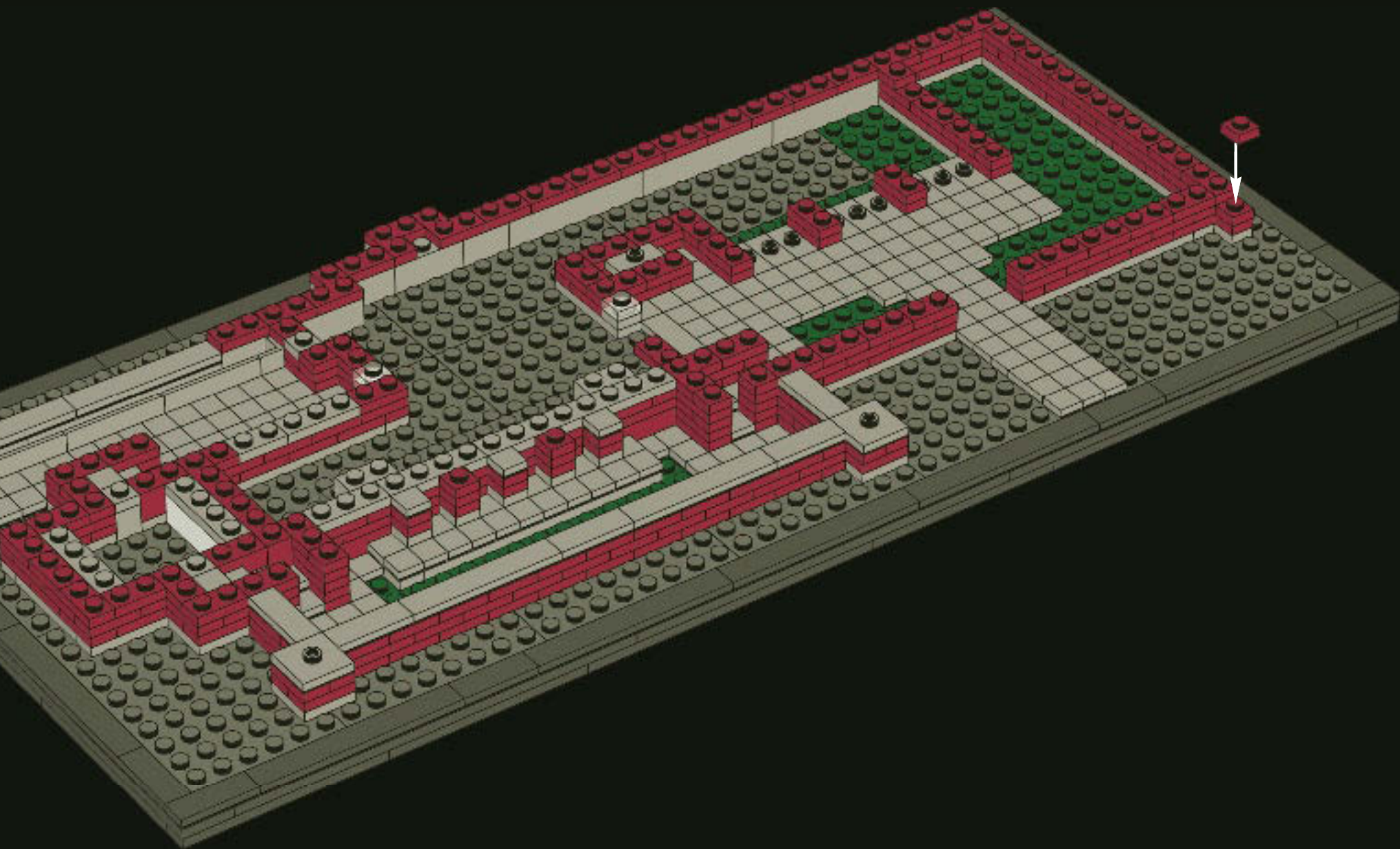




15x

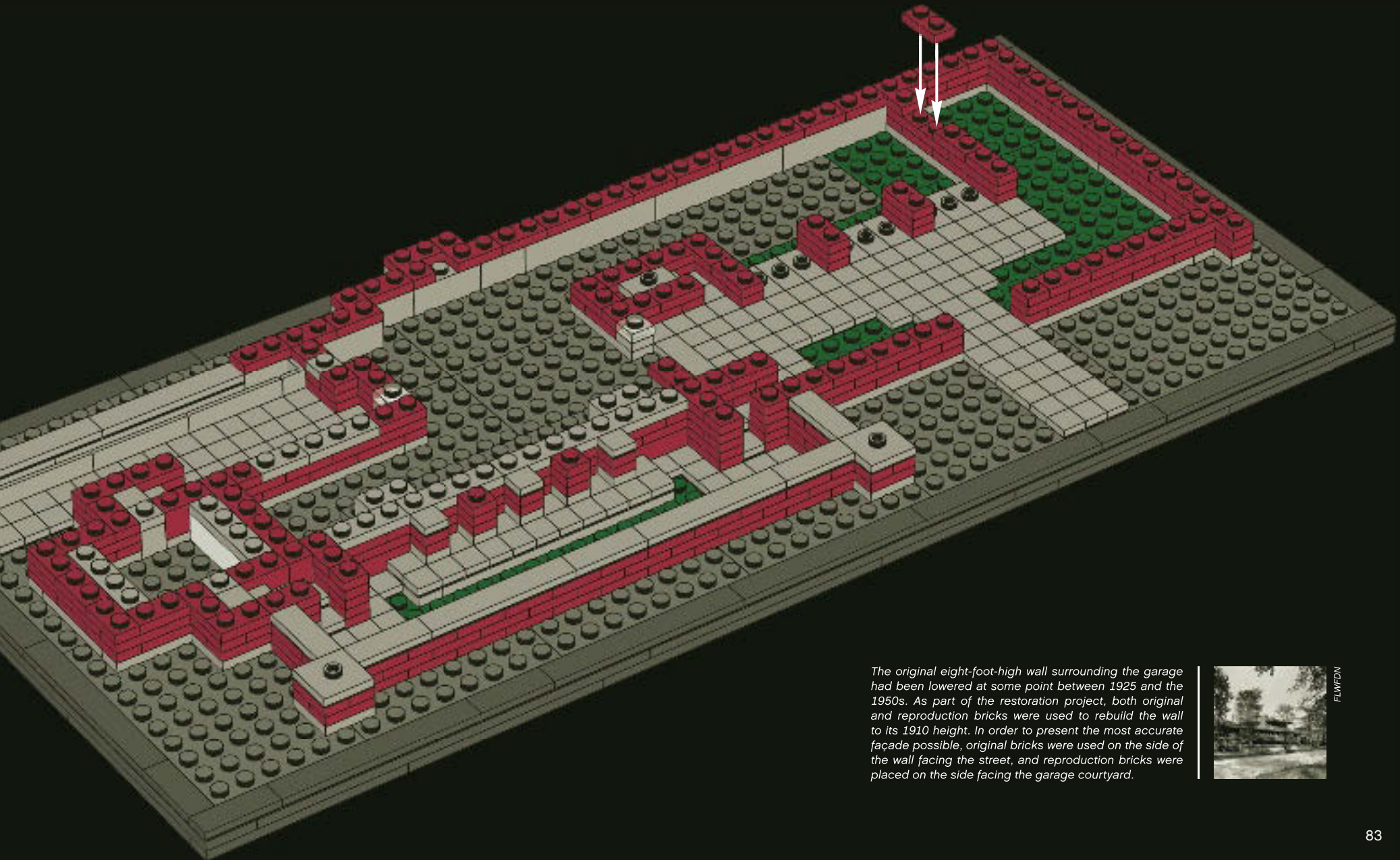
3x

67



5x

68



The original eight-foot-high wall surrounding the garage had been lowered at some point between 1925 and the 1950s. As part of the restoration project, both original and reproduction bricks were used to rebuild the wall to its 1910 height. In order to present the most accurate façade possible, original bricks were used on the side of the wall facing the street, and reproduction bricks were placed on the side facing the garage courtyard.

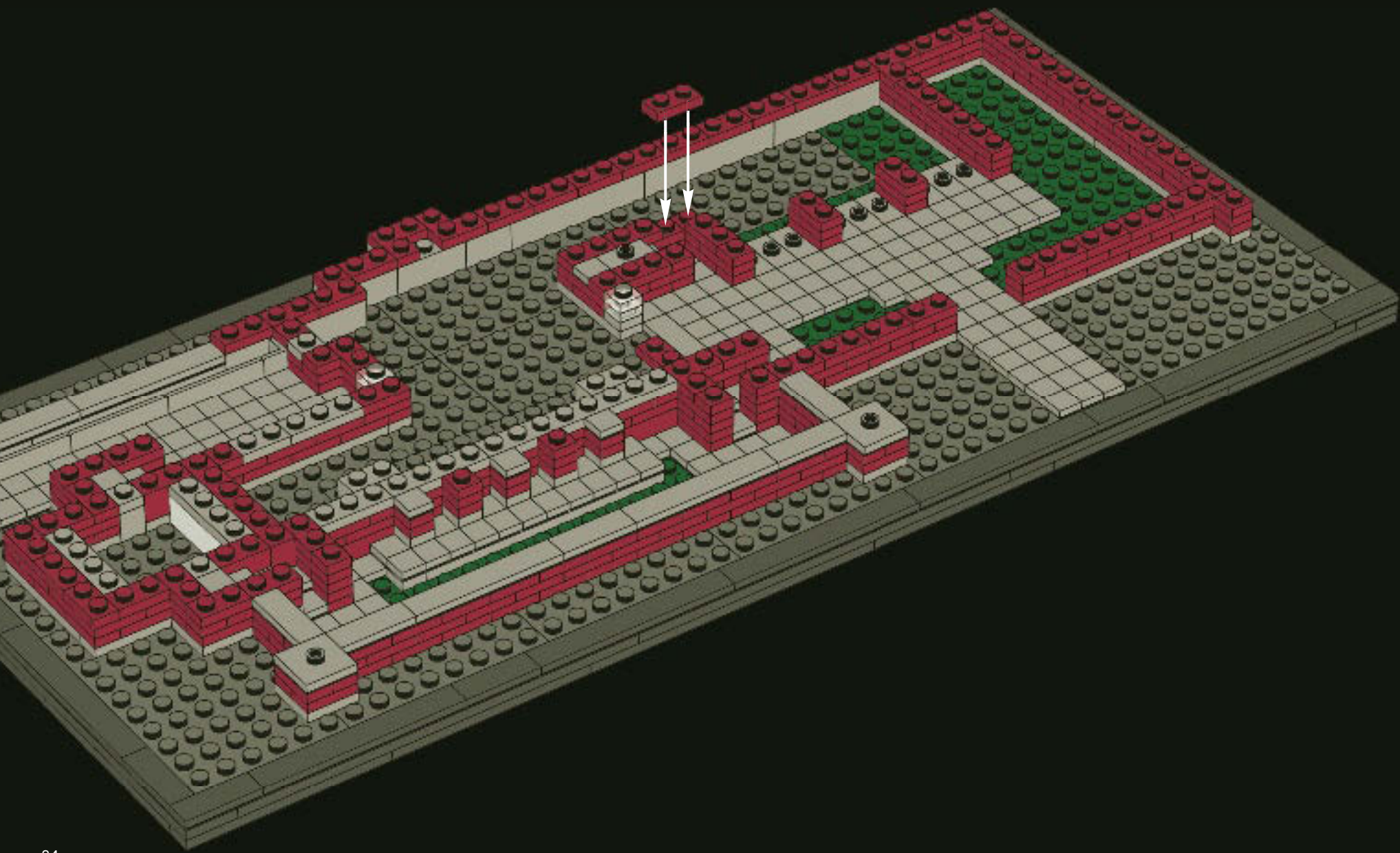


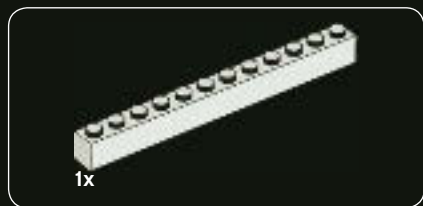
FLWFDN



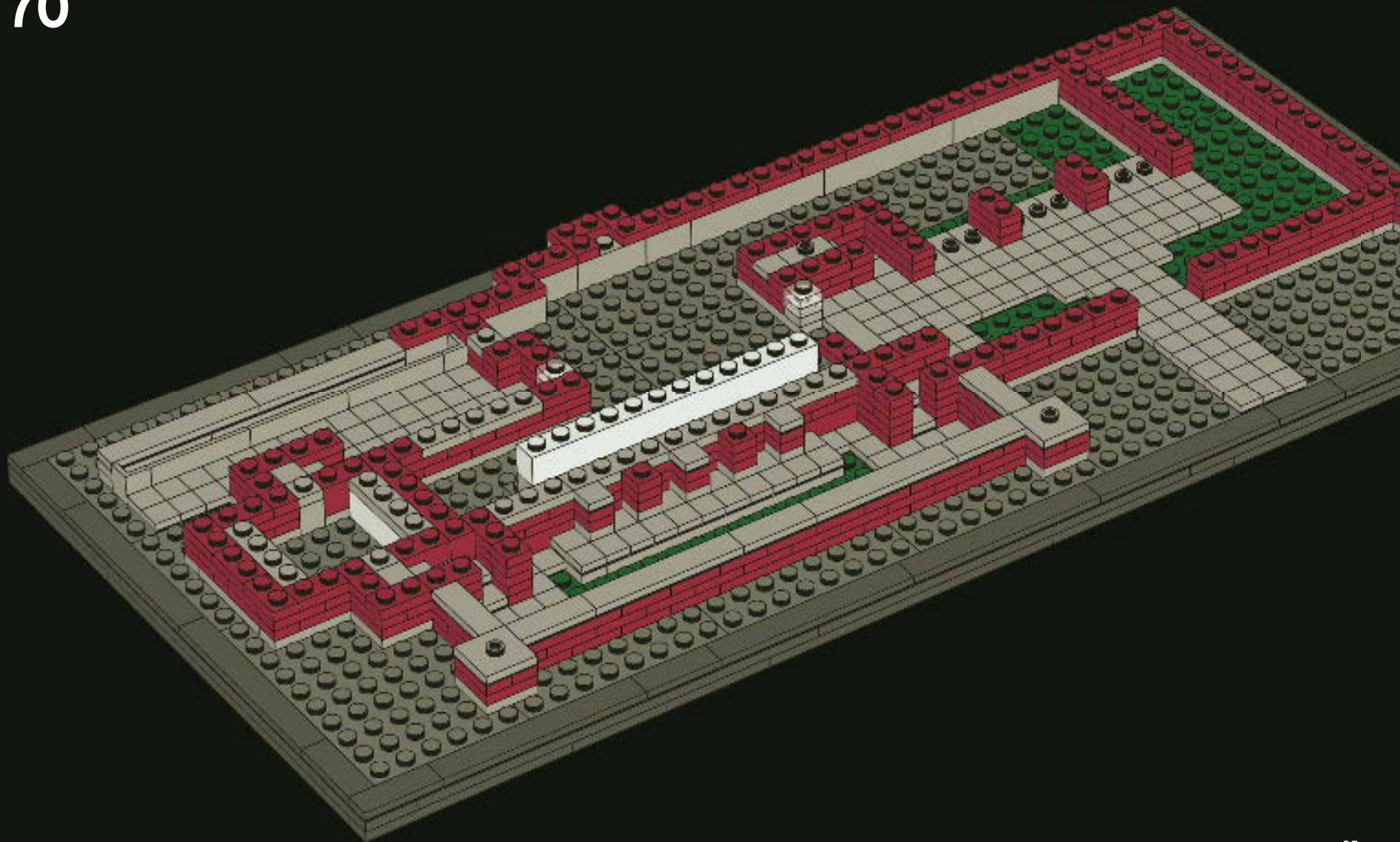
1x 1x 1x 5x 3x

69








70






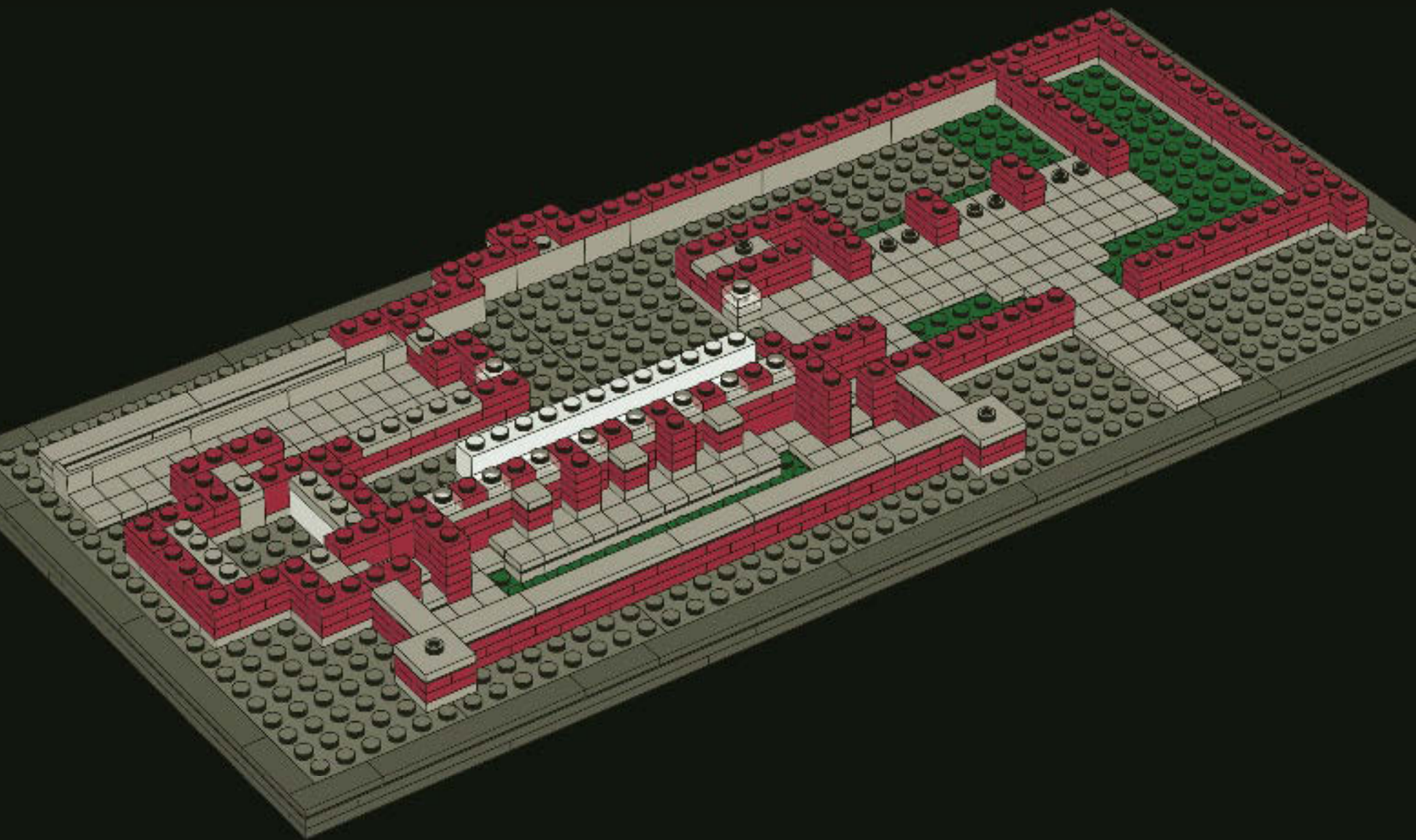
  
8x

  
1x

  
6x

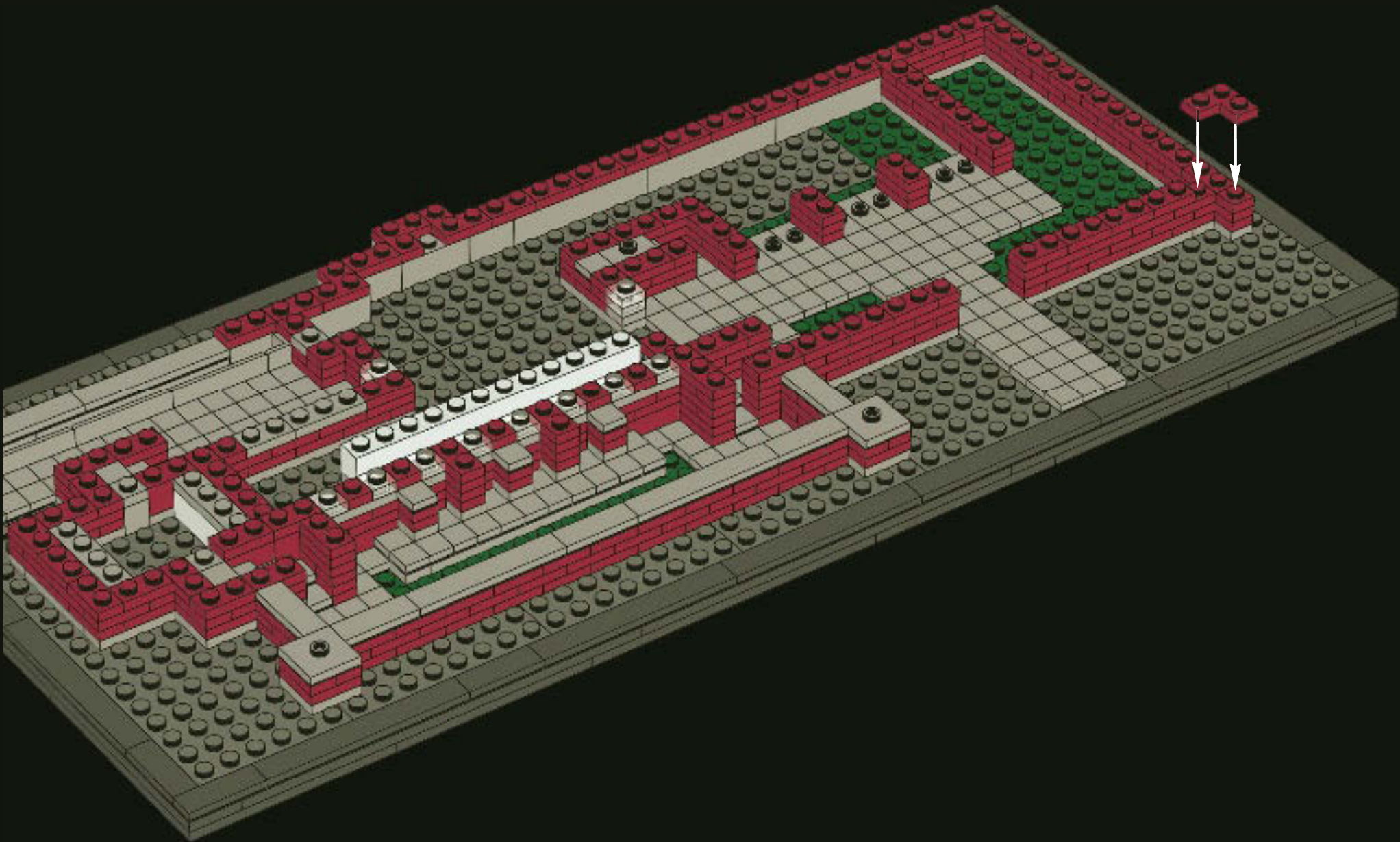
  
6x

71





8x 1x 1x

72

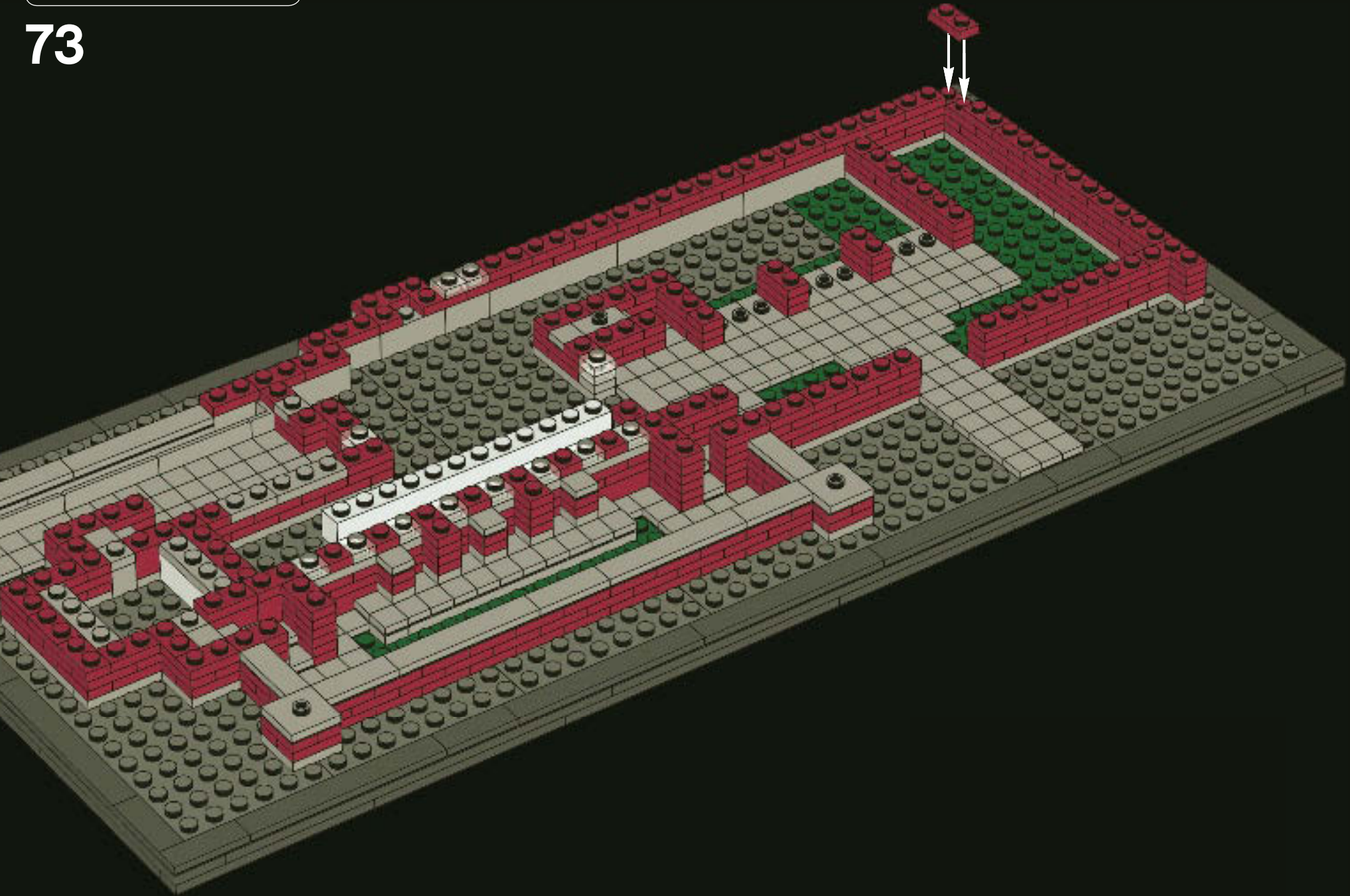




  
2x

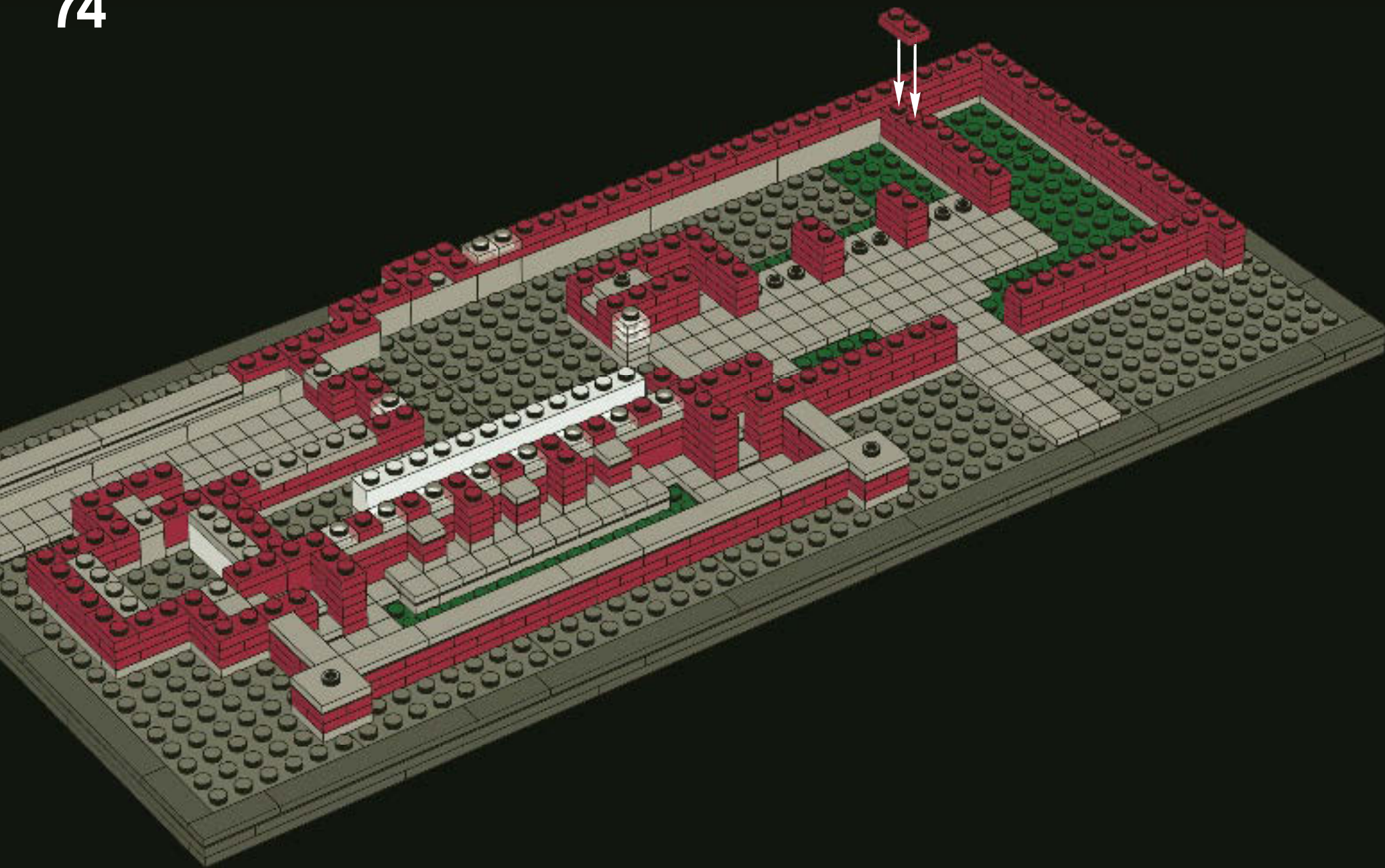
  
18x

73



1x 1x 11x 2x

74







3x



2x

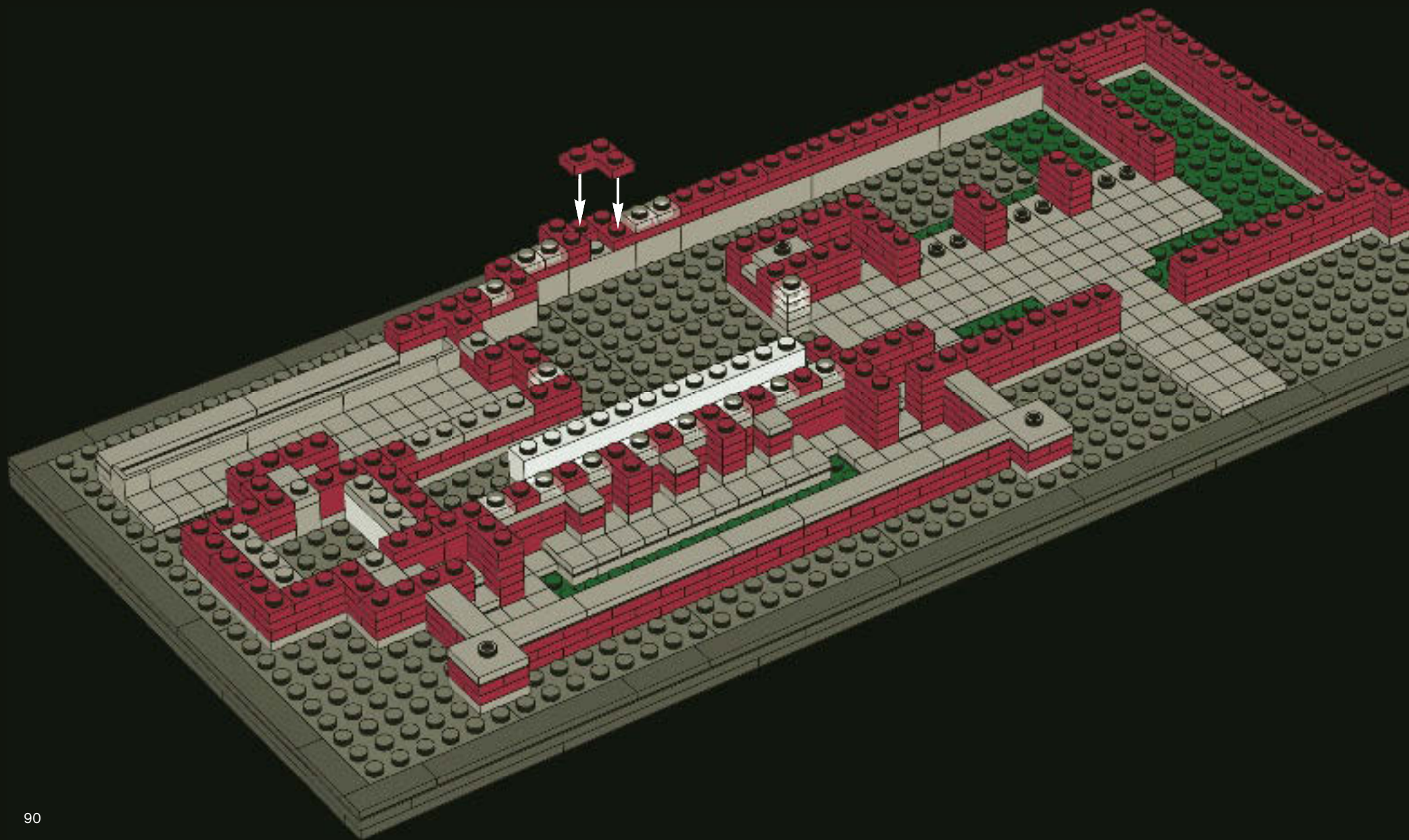


2x



2x

# 75





5x



1x

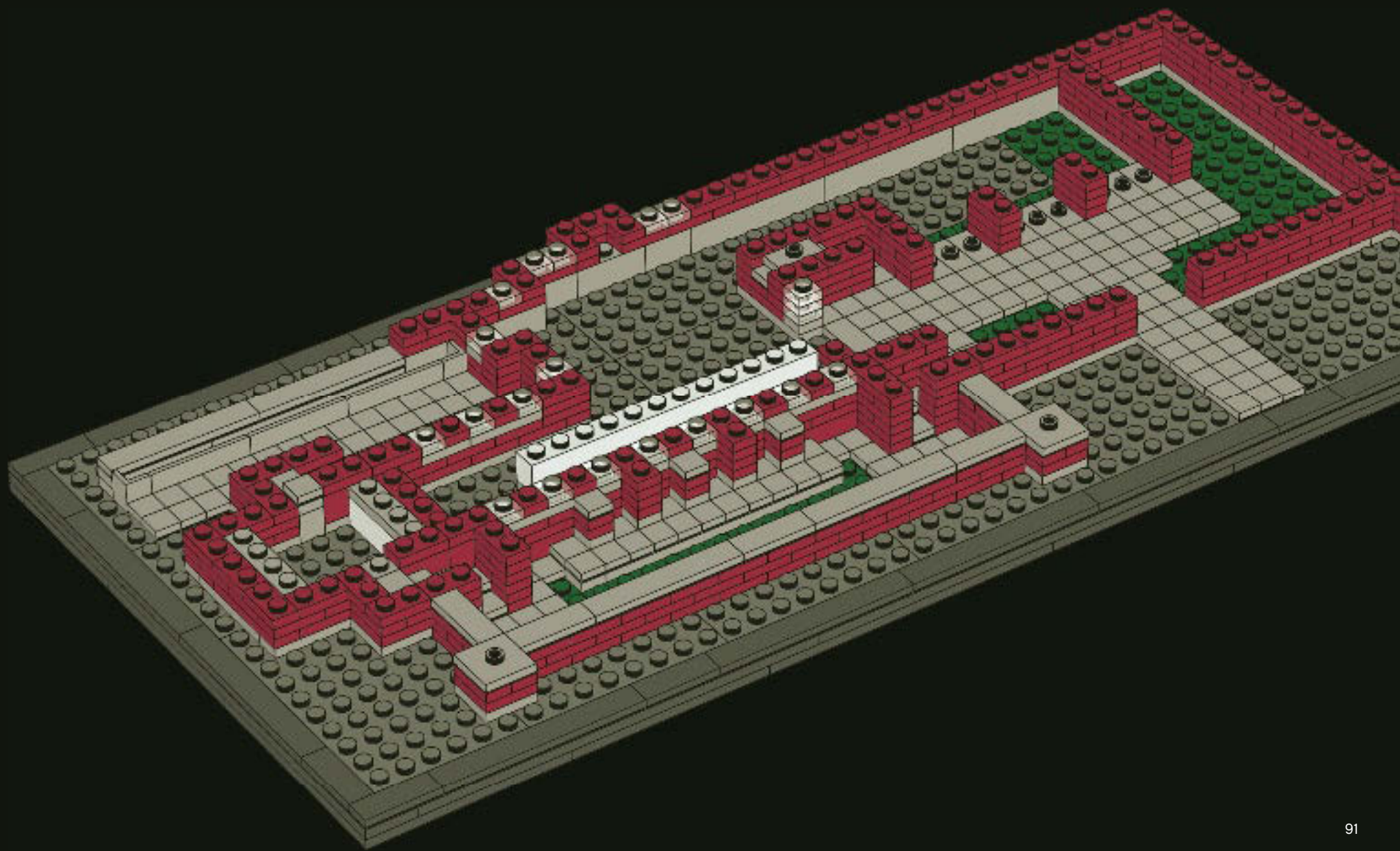


4x



3x

# 76







1x

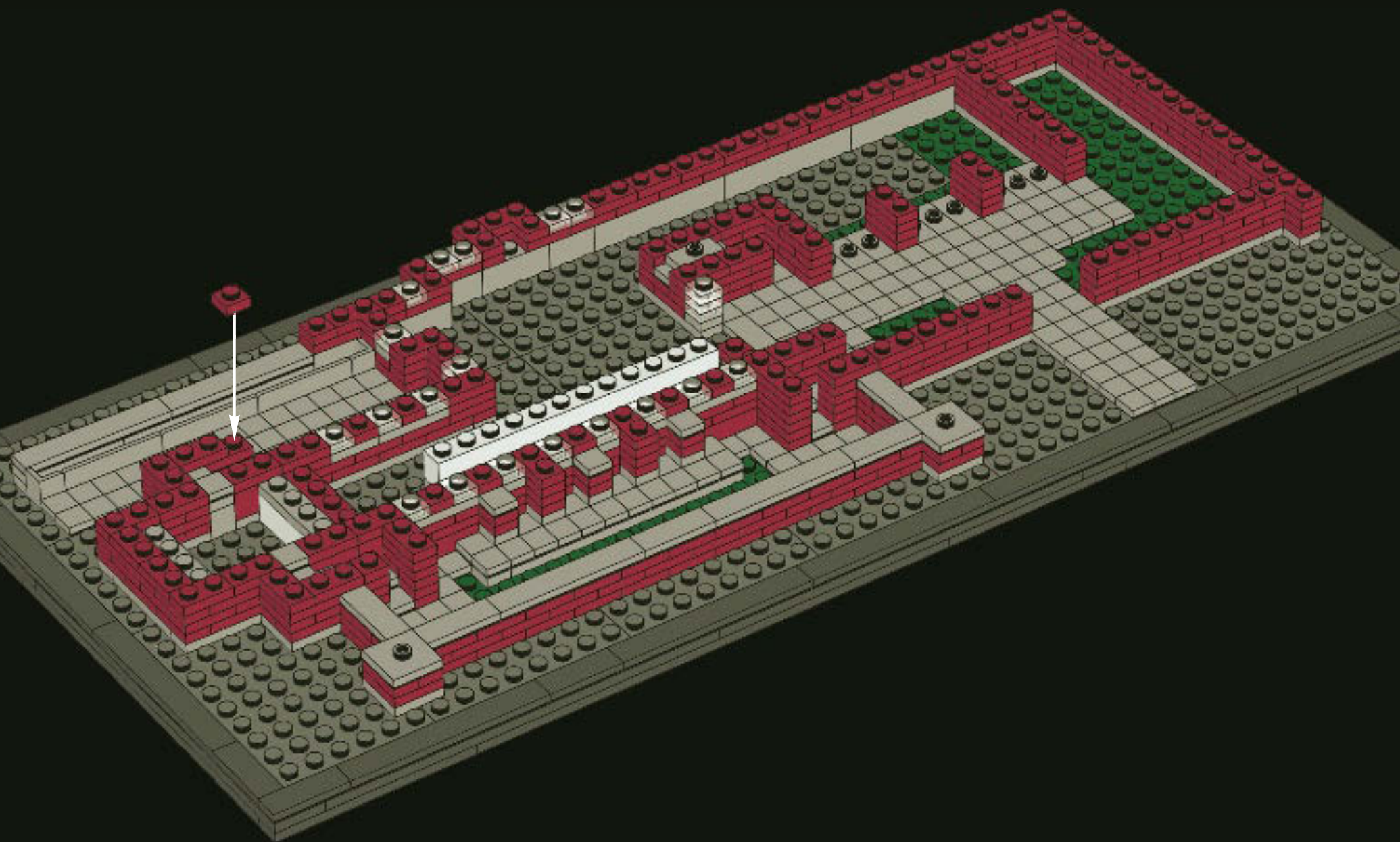


10x



2x

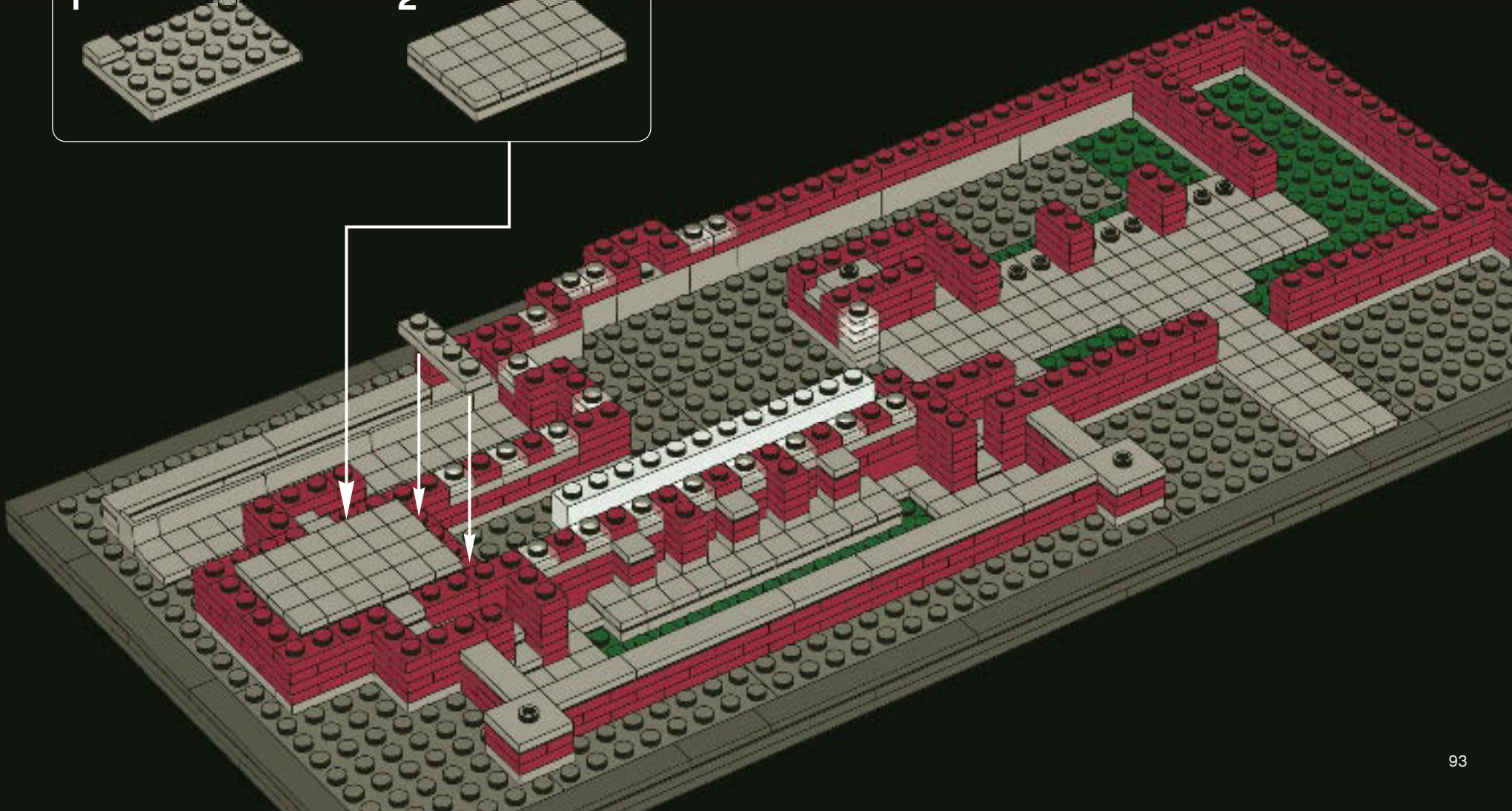
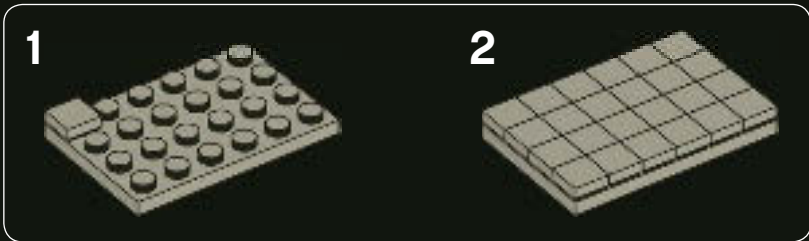
77







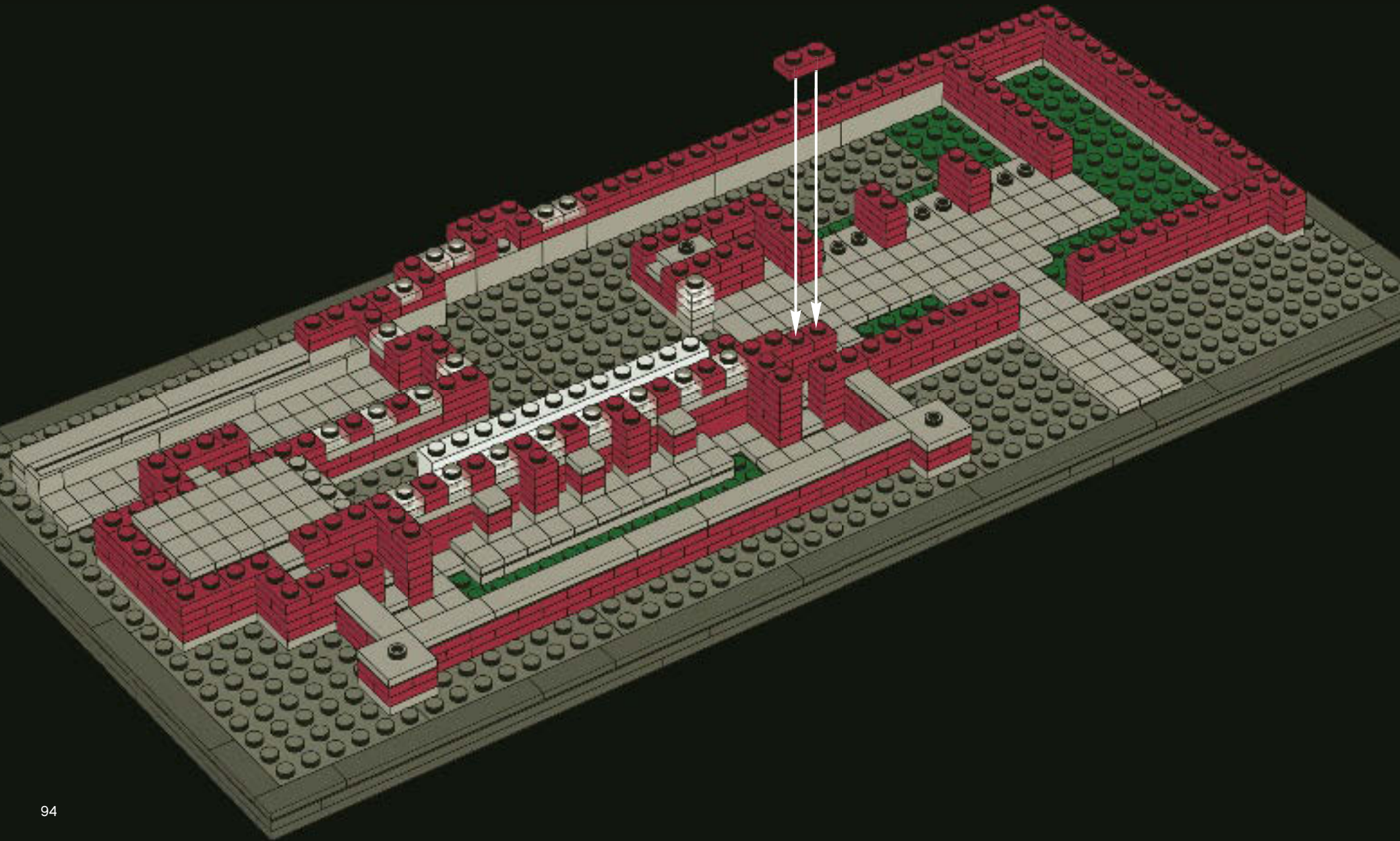
78





8x 5x 8x 1x

79



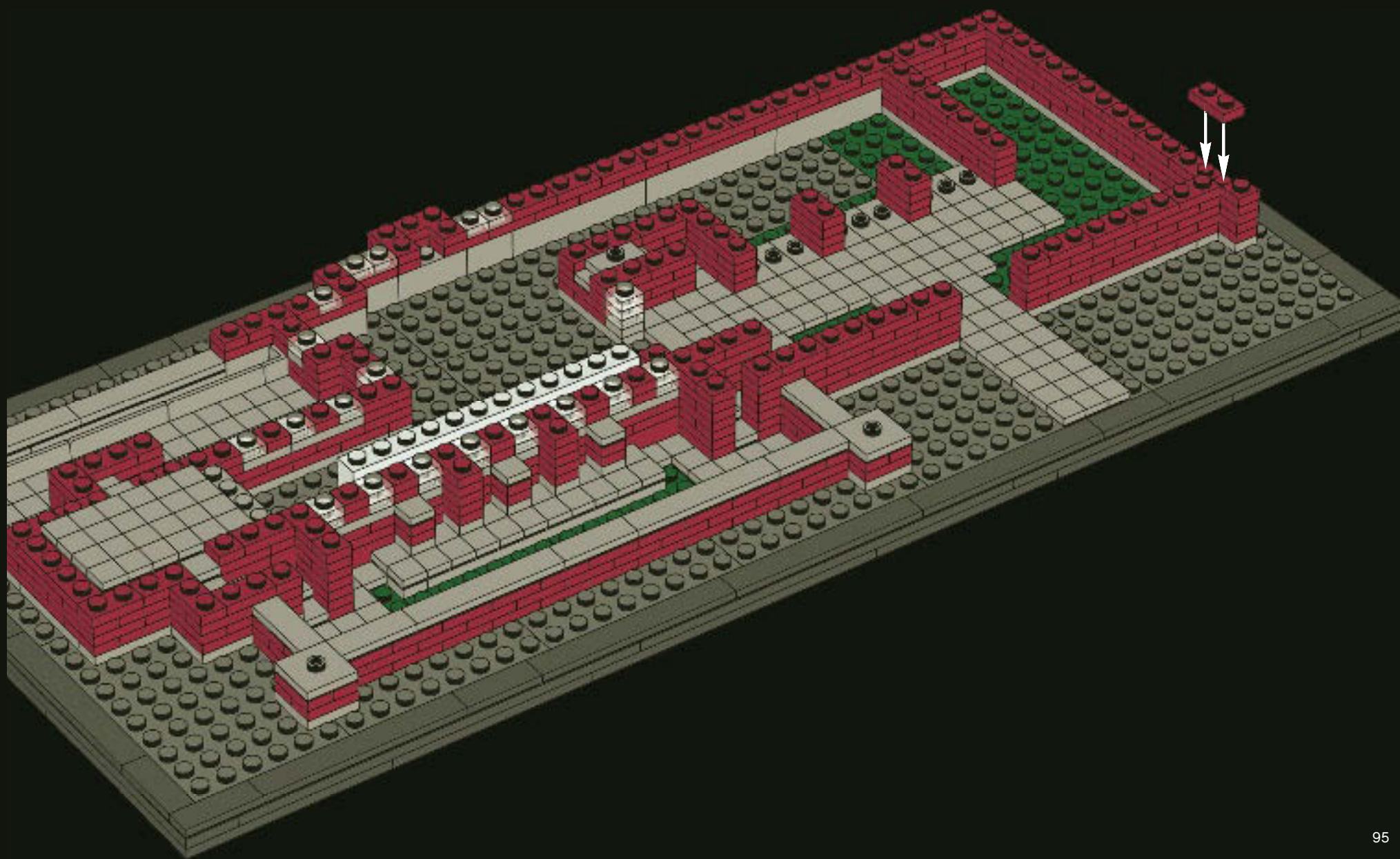


9x



3x

80

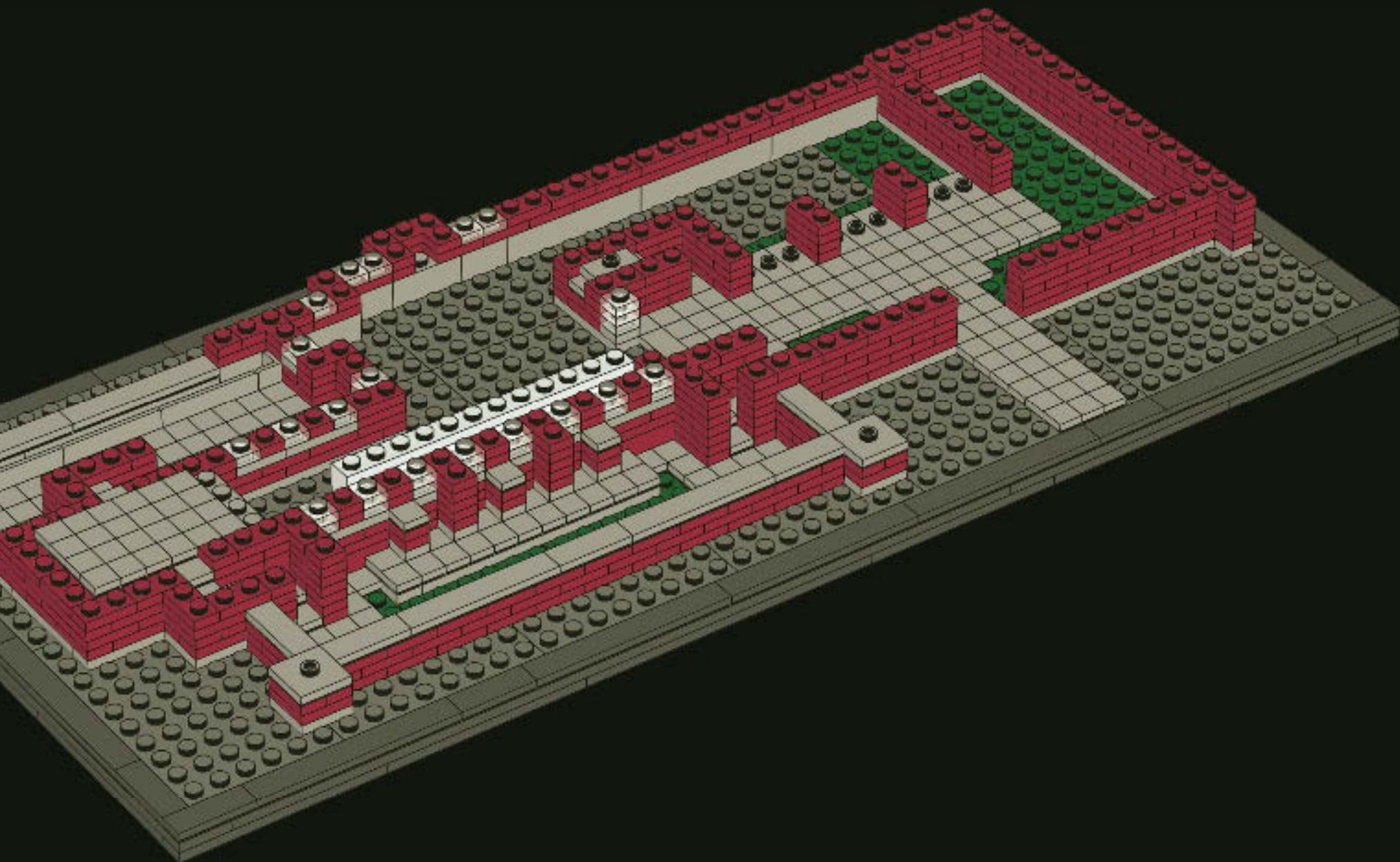




8x

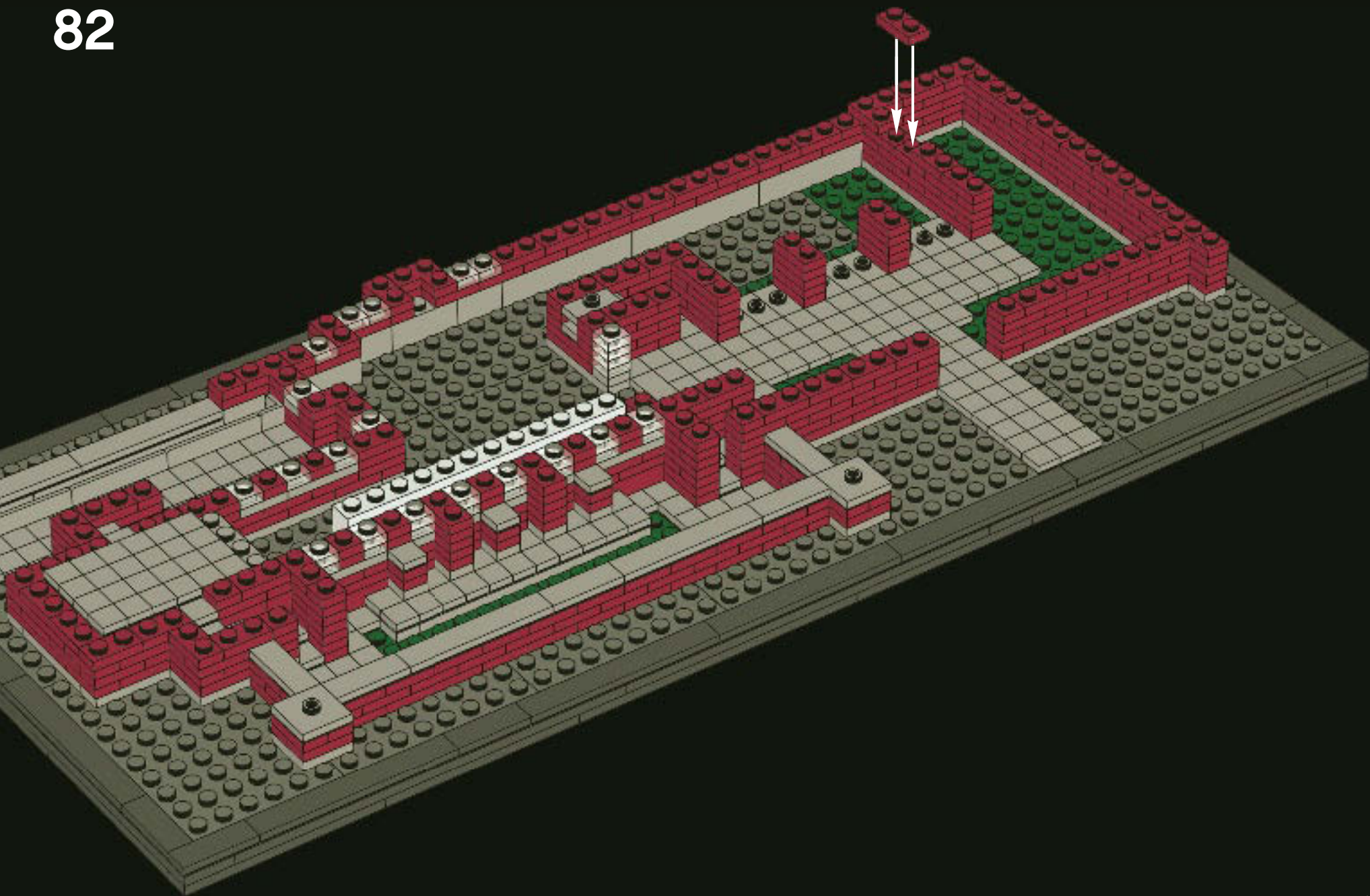
1x

81

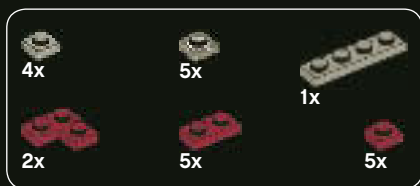


1x 1x 10x 3x

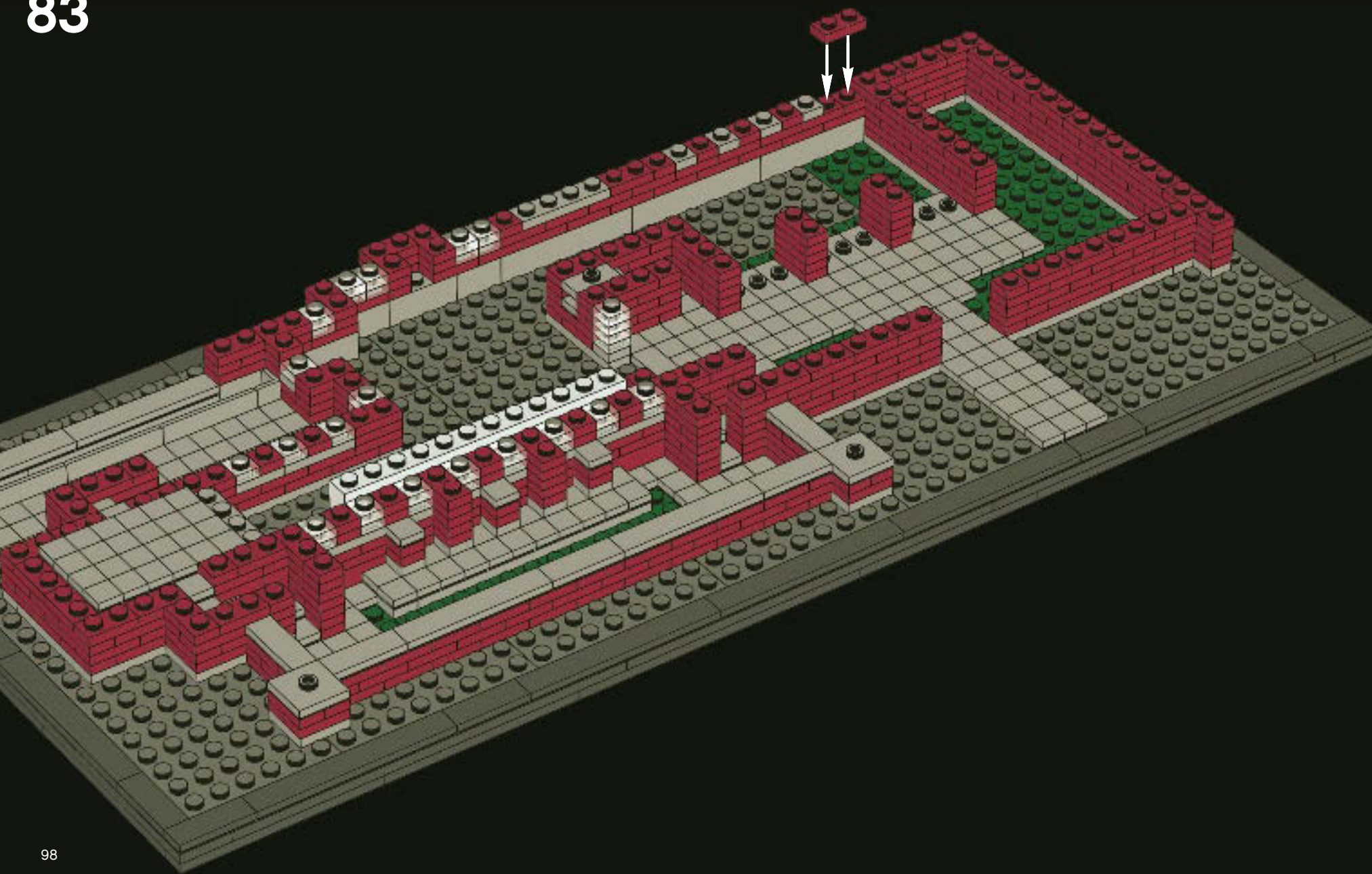
82







83



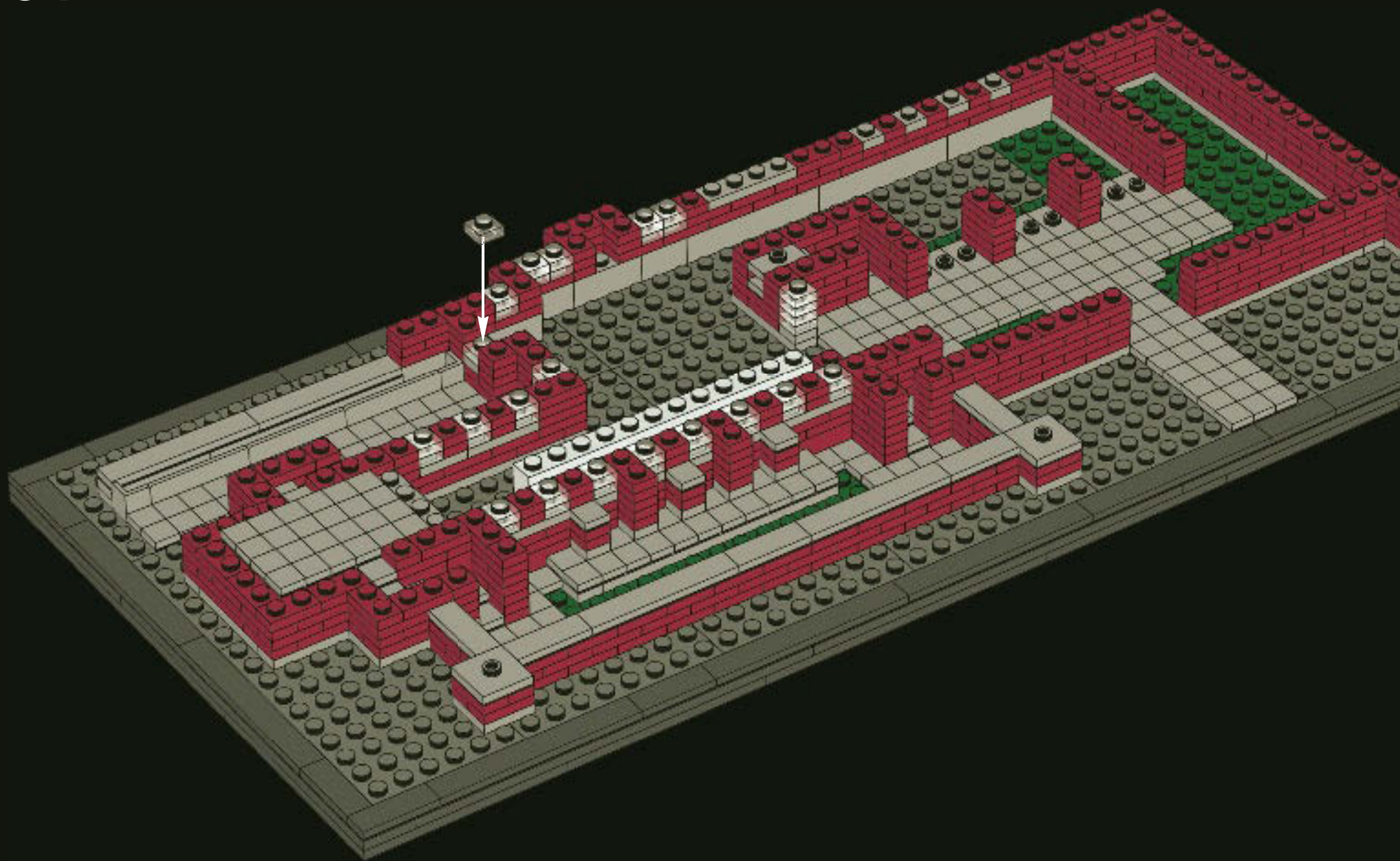


5x

3x

5x

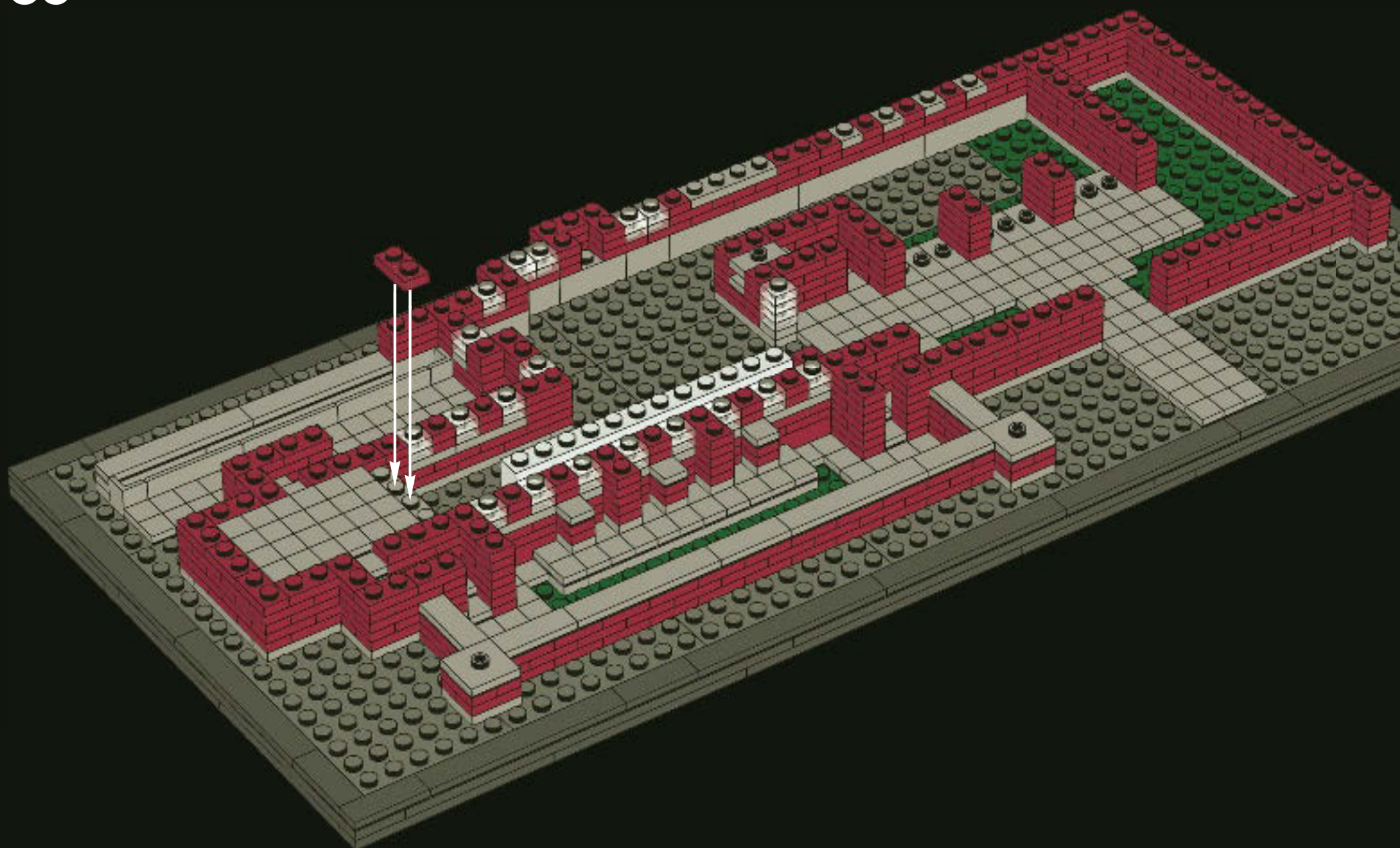
84





12x

85







8x

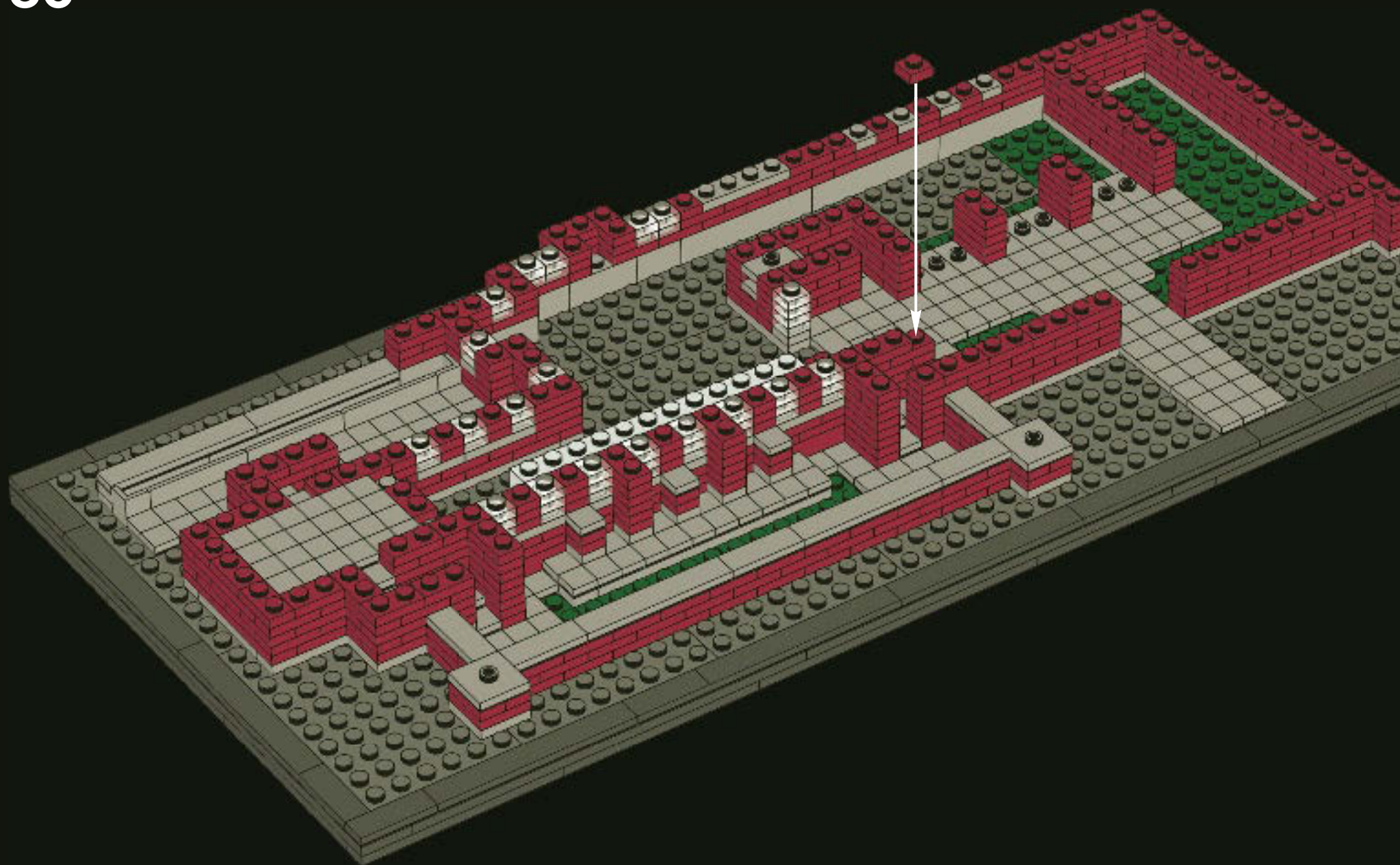


7x





7x


86



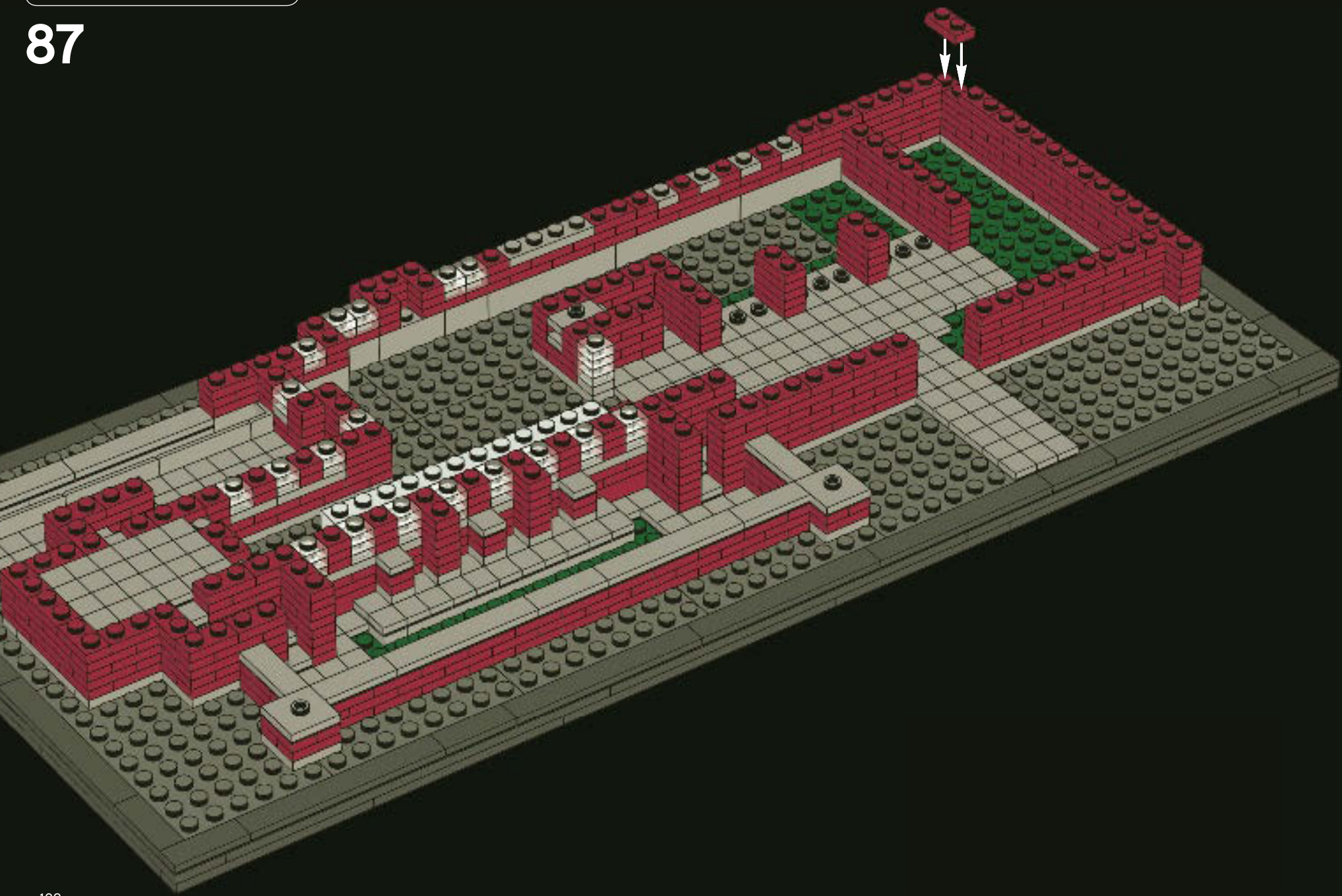


  
18x

  
2x

  
1x

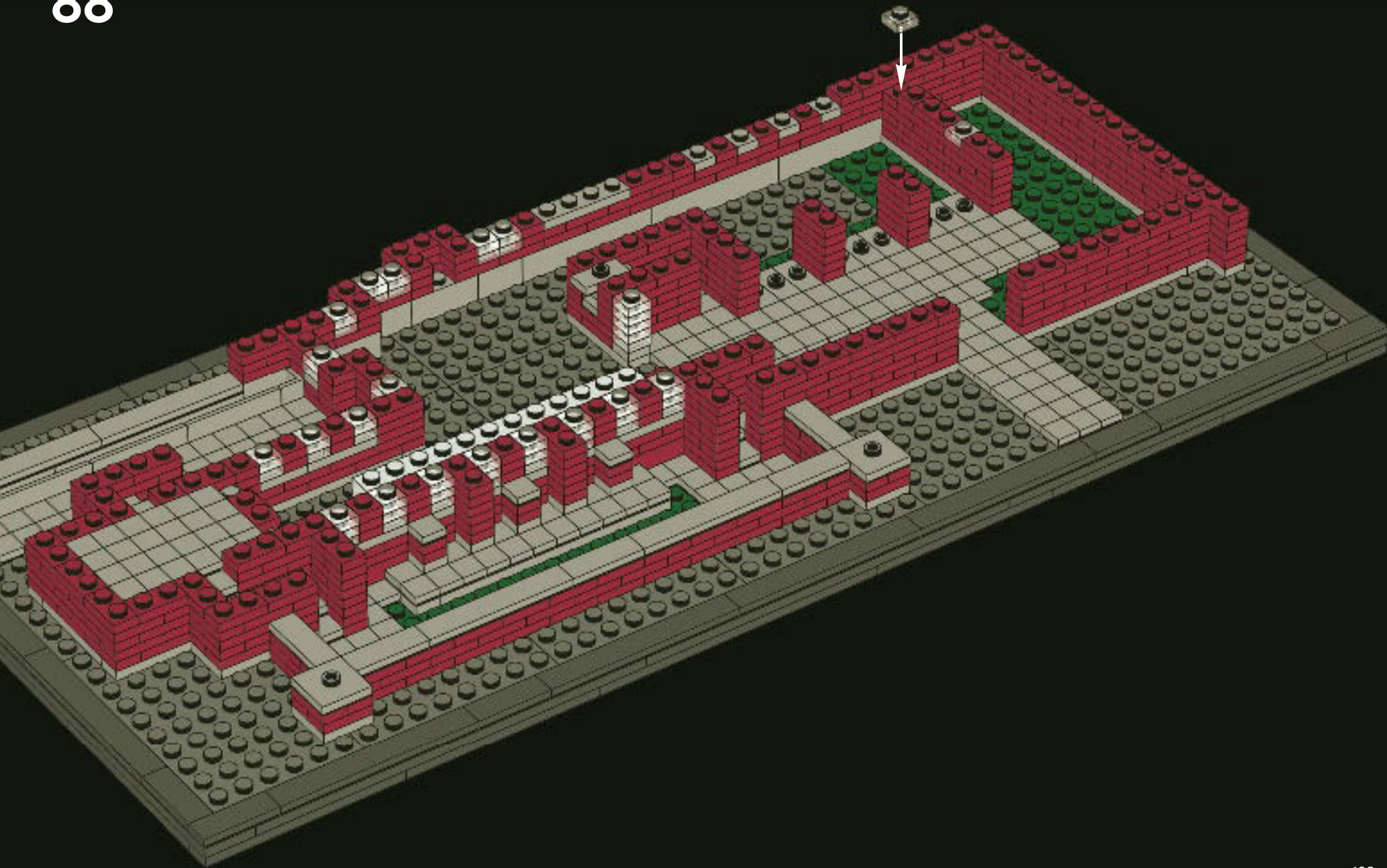
87





3x 1x 10x 2x

88







13x



3x



7x



2x

89



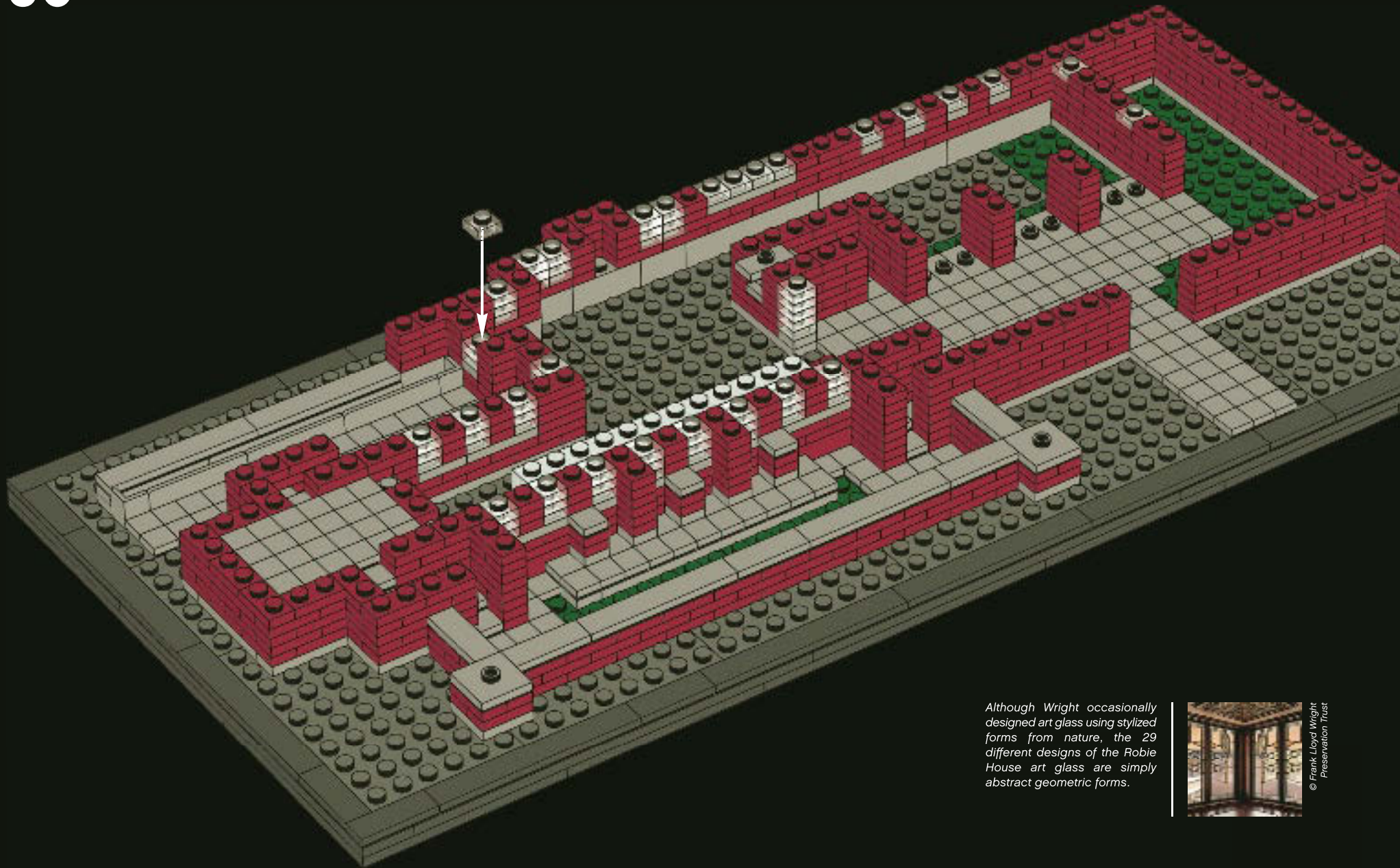


5x

4x

3x

90



Although Wright occasionally designed art glass using stylized forms from nature, the 29 different designs of the Robie House art glass are simply abstract geometric forms.



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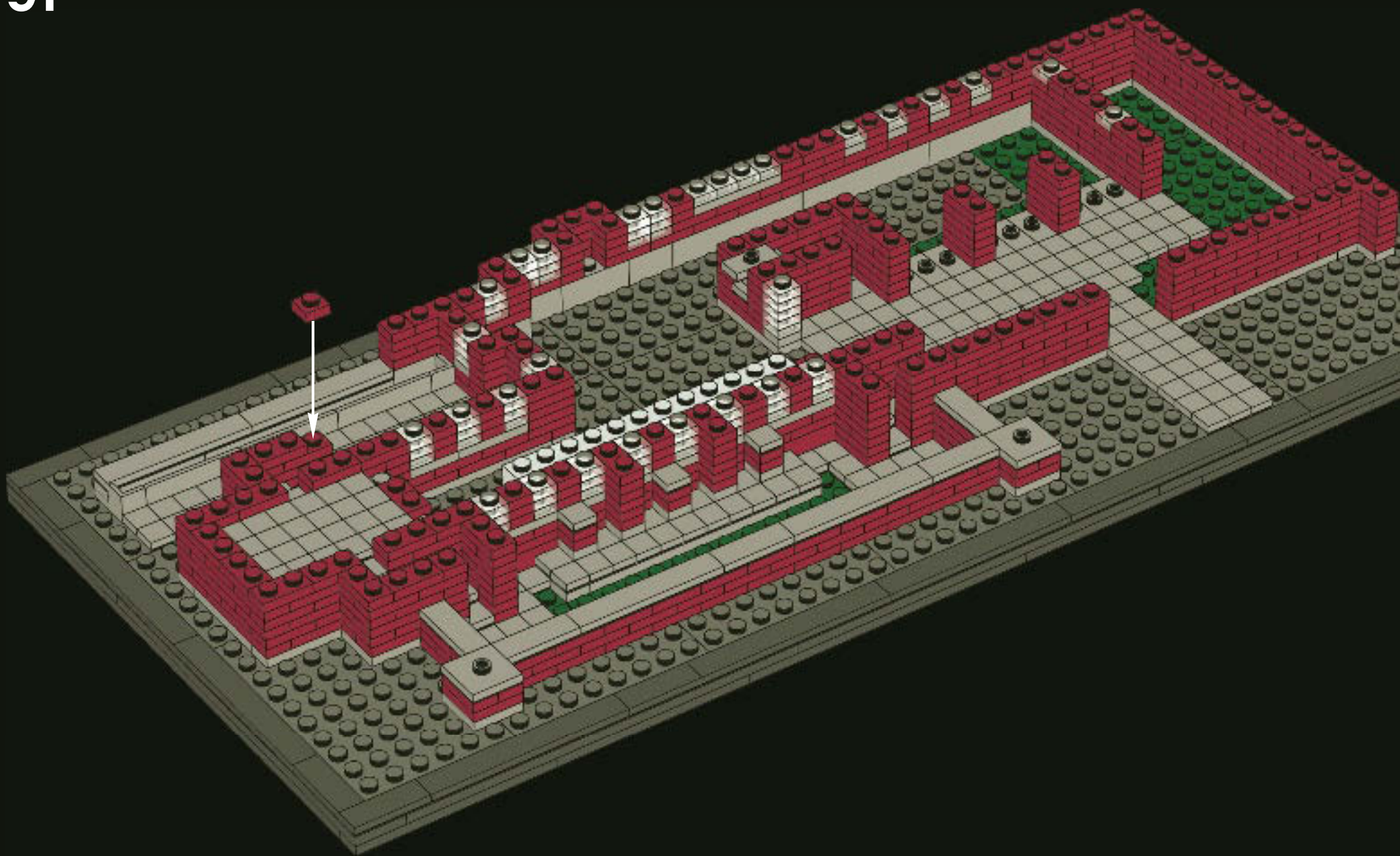


10x

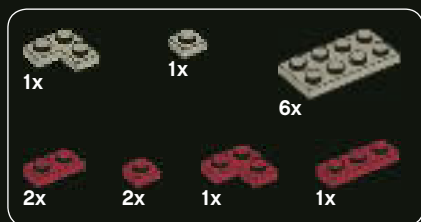


2x

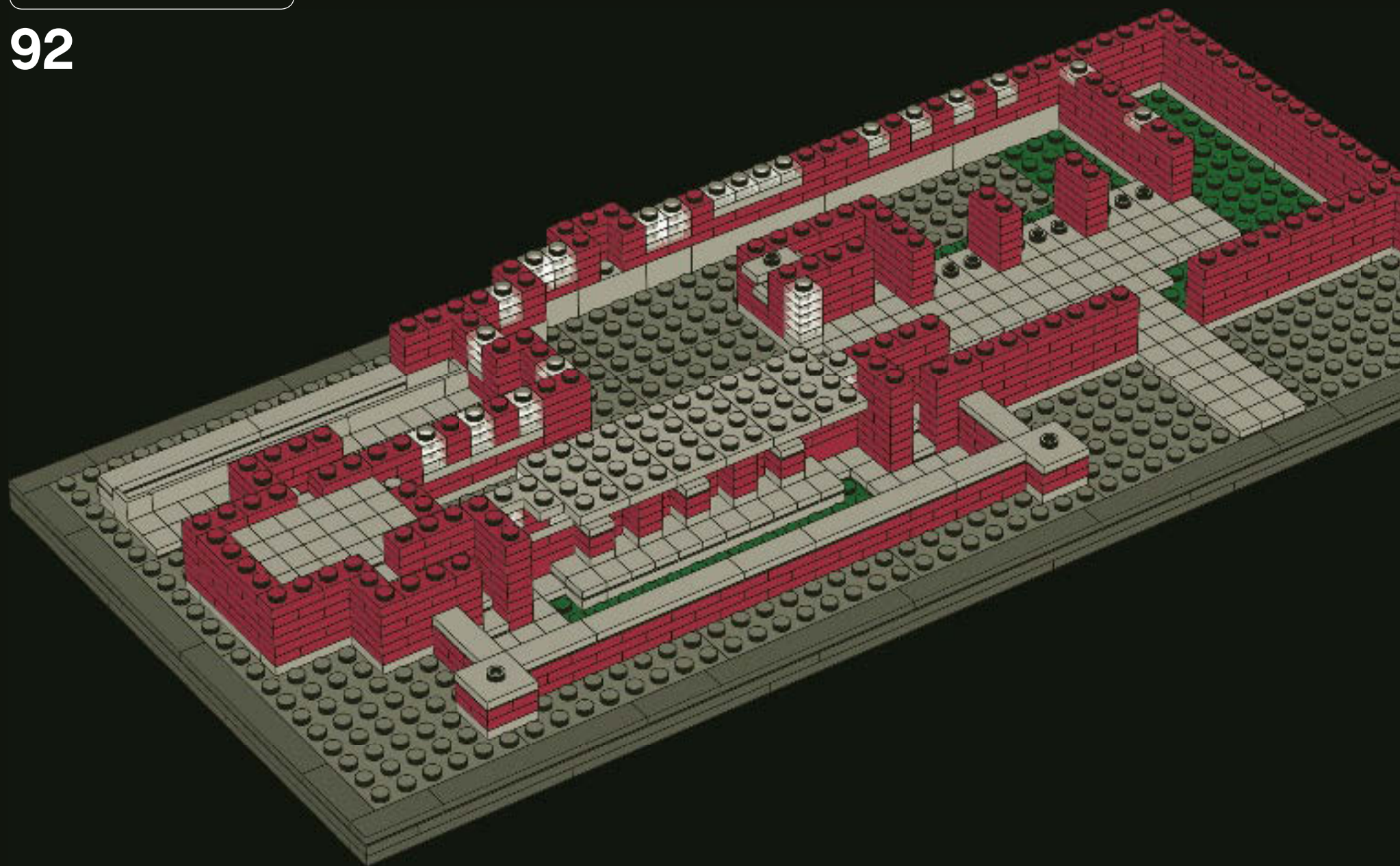
91



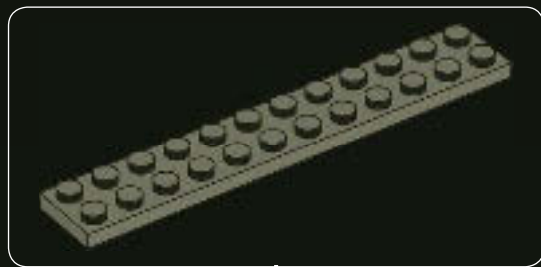
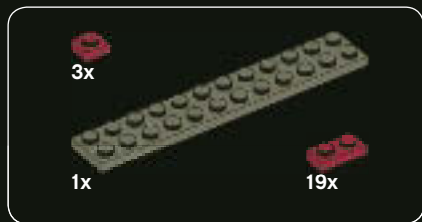




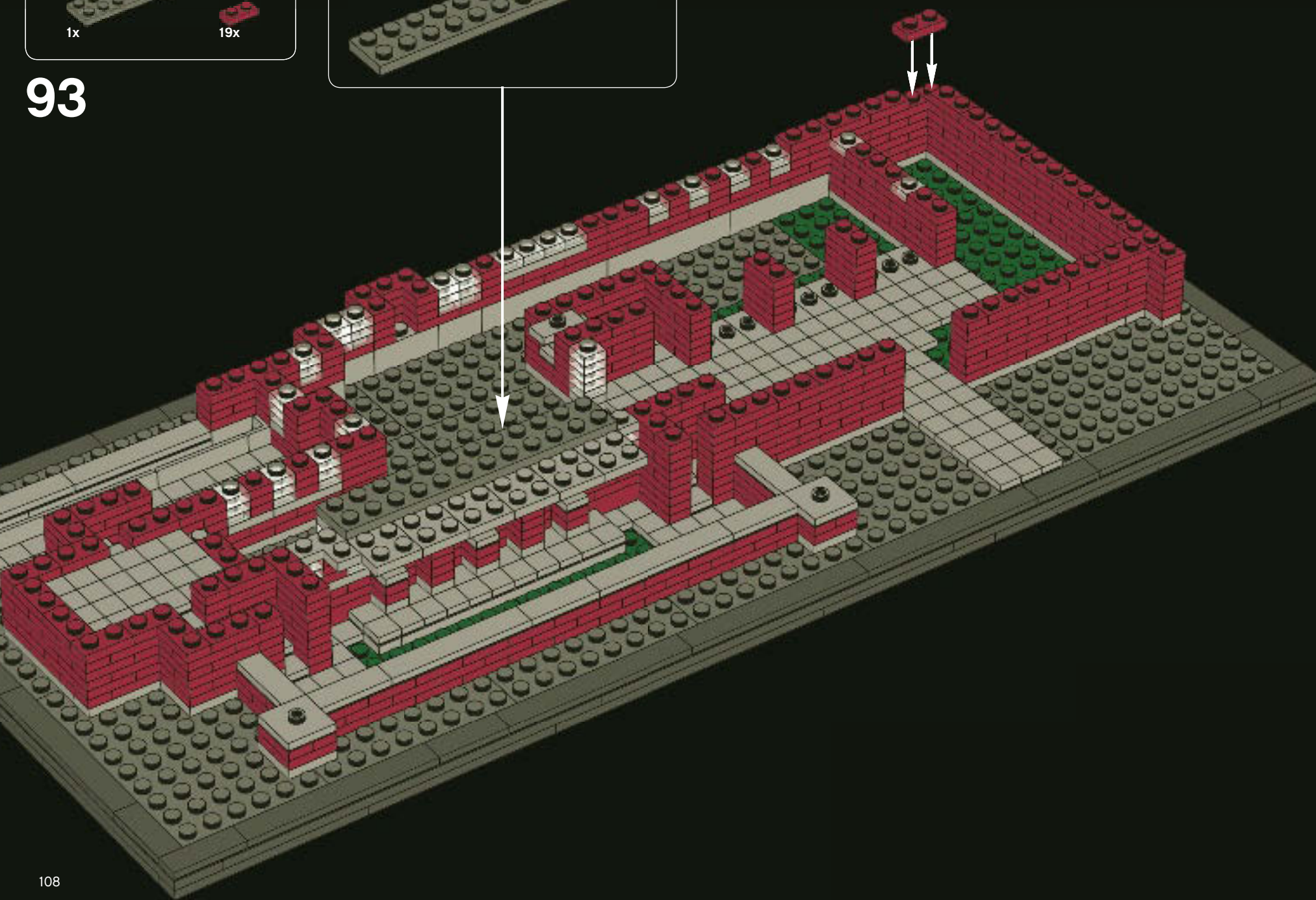
92



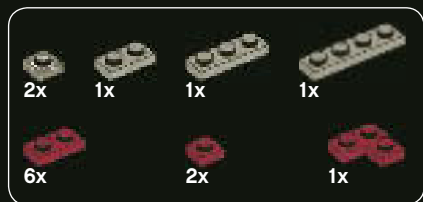




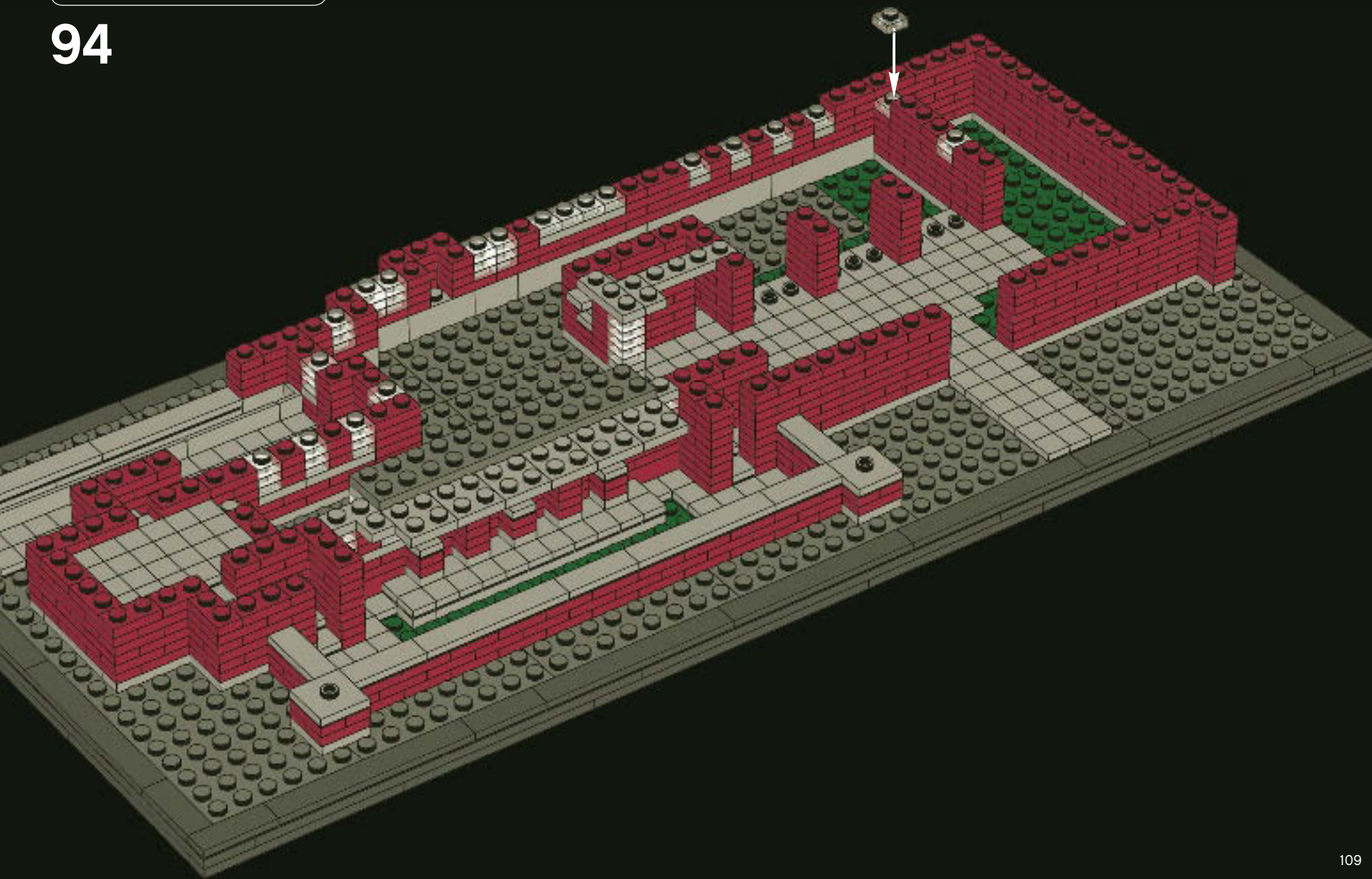
93







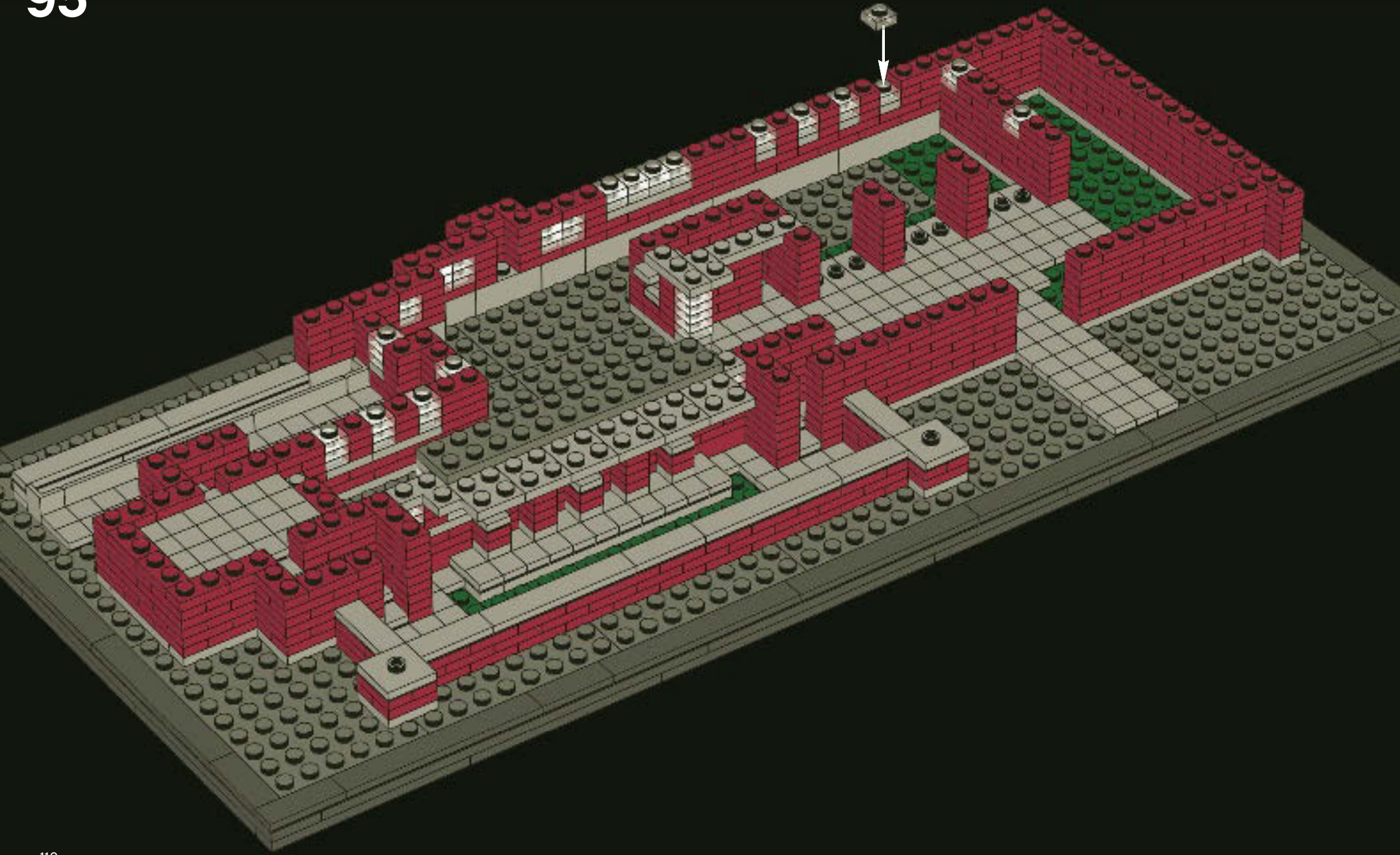
94





8x 8x 4x 1x

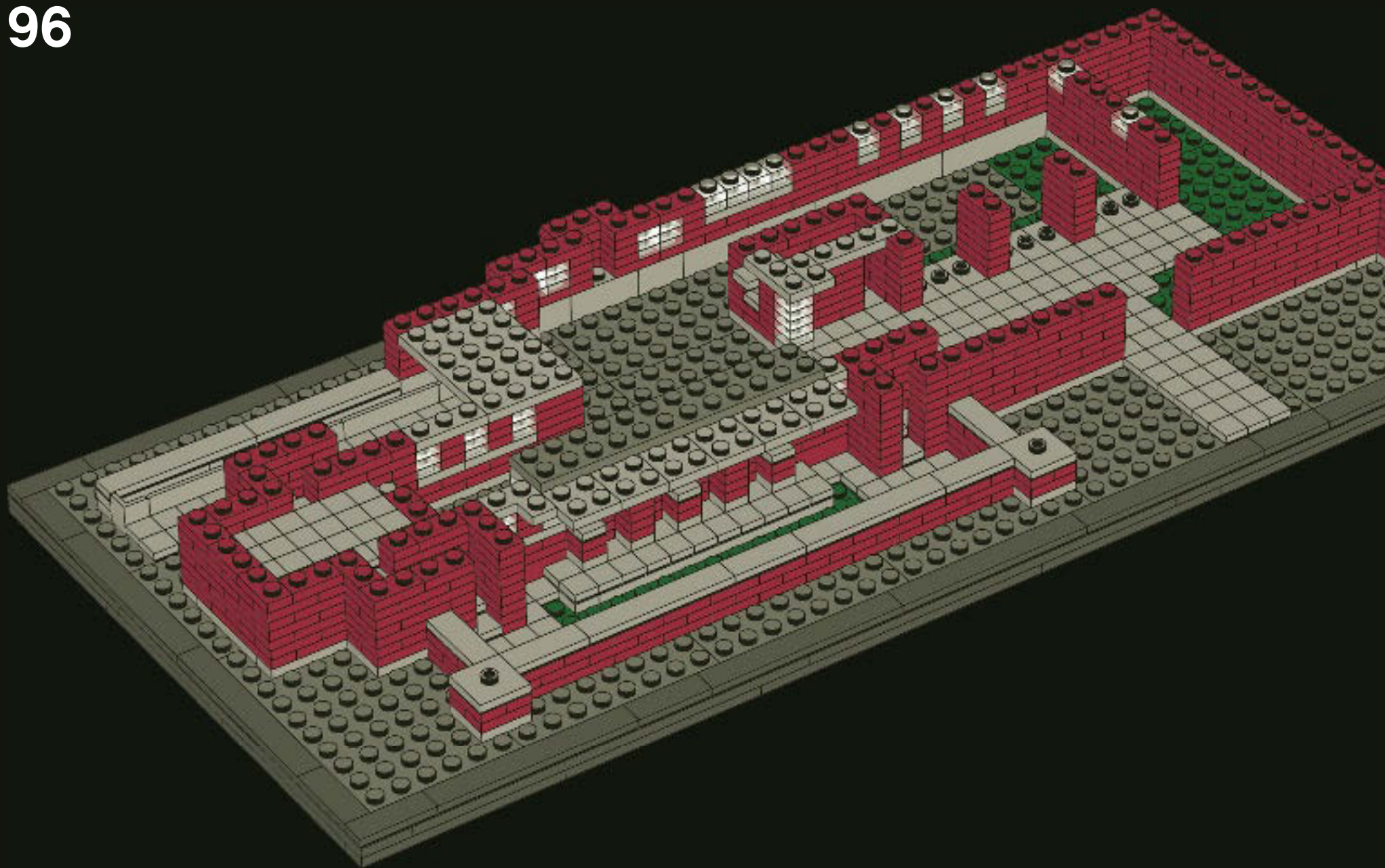
95







96







11x

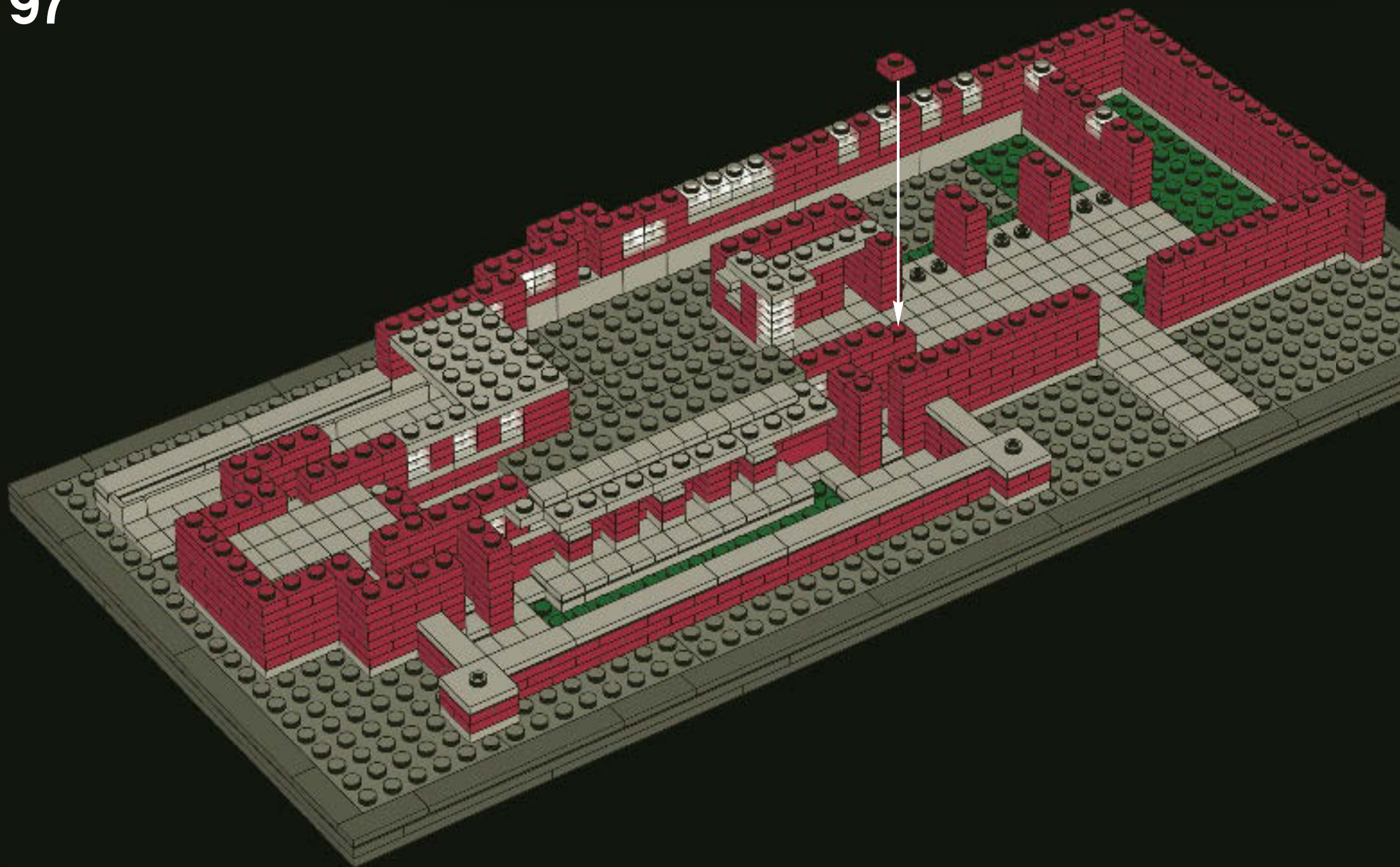


5x



1x

97

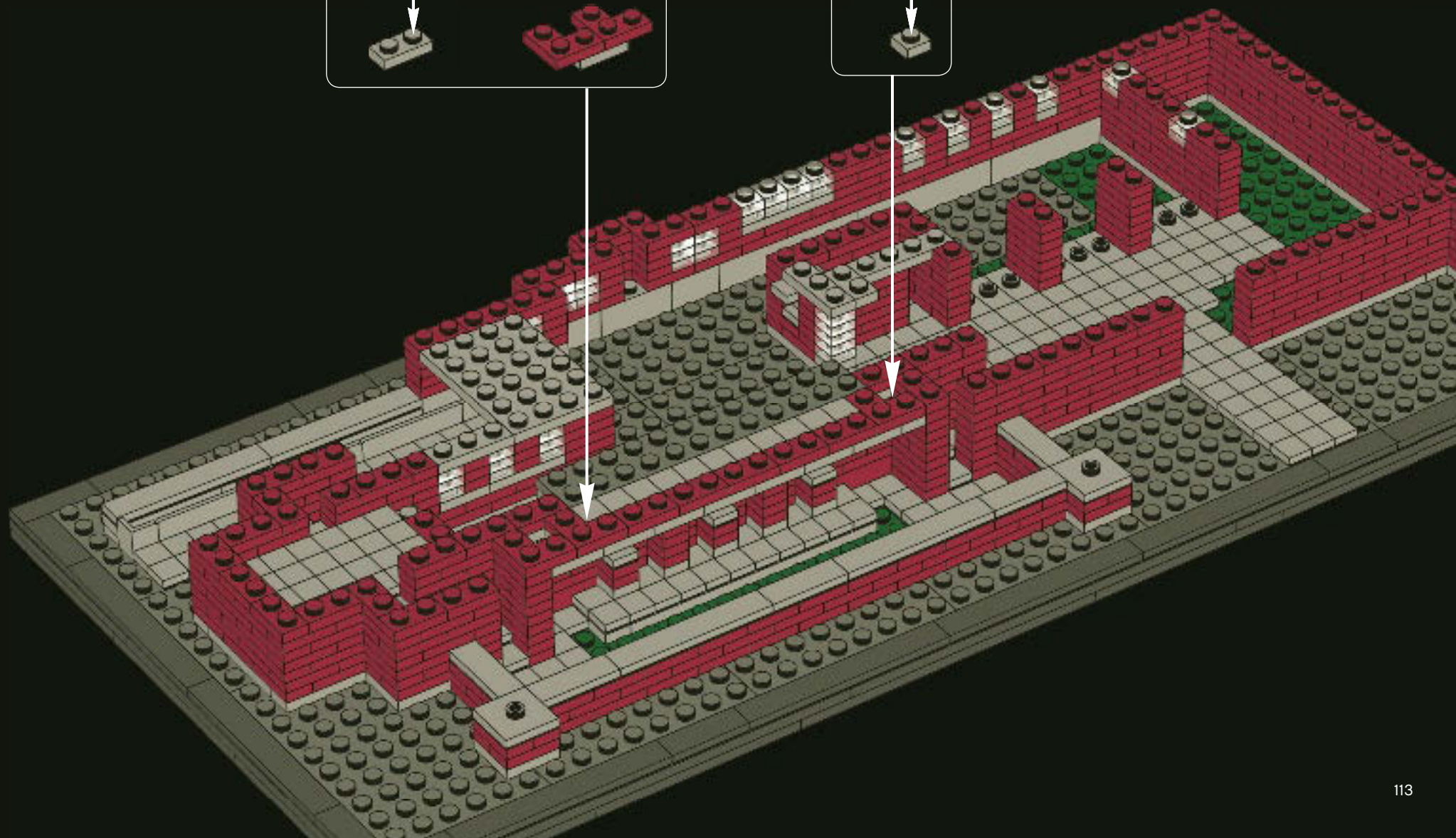




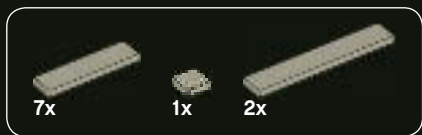
1x 1x 3x 6x

98

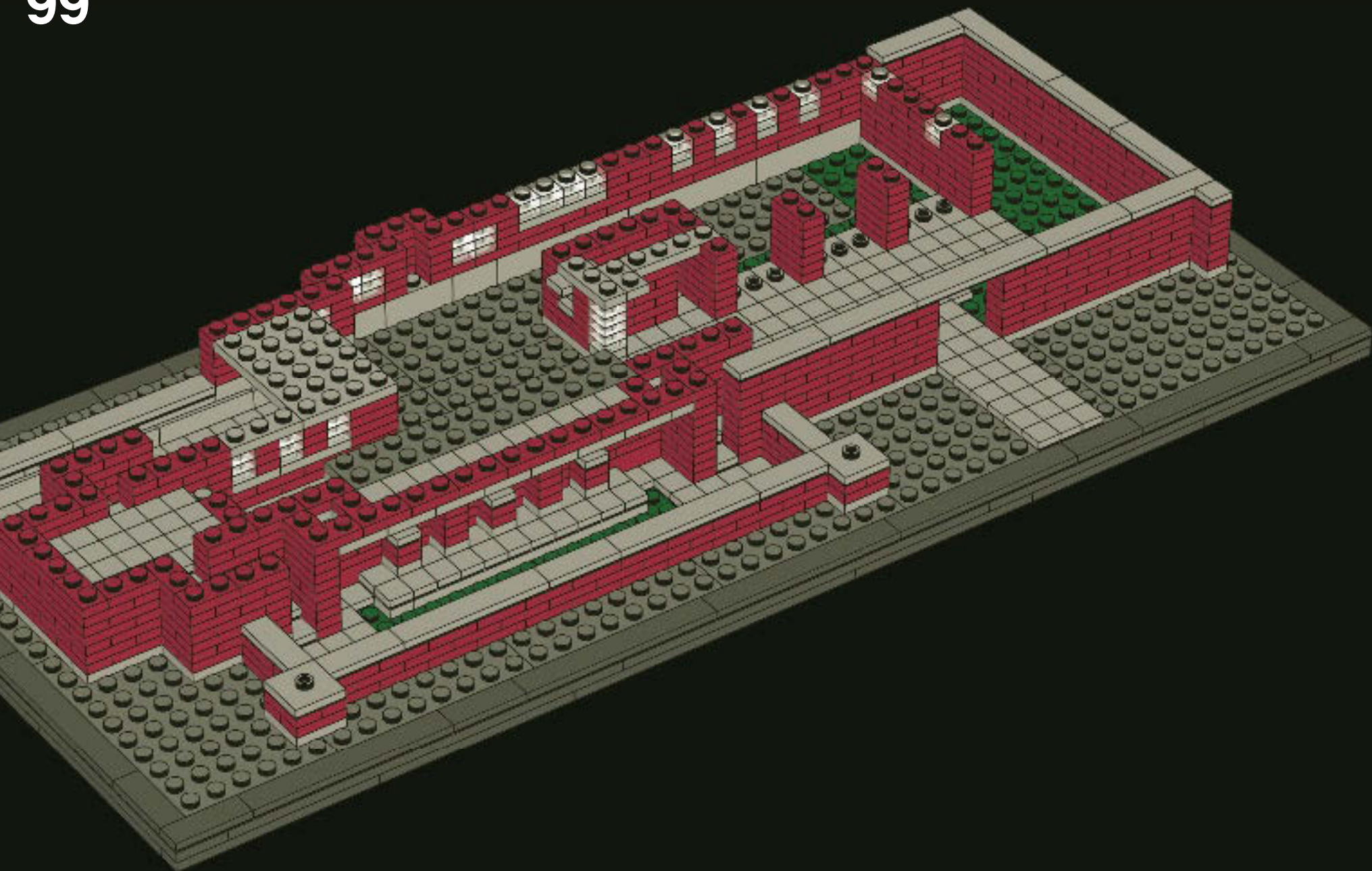
1 2







99





- 1x
- 11x
- 2x
- 1x

100






3x


12x


3x


3x


3x


6x

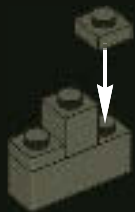

9x

101

1



2



3



4



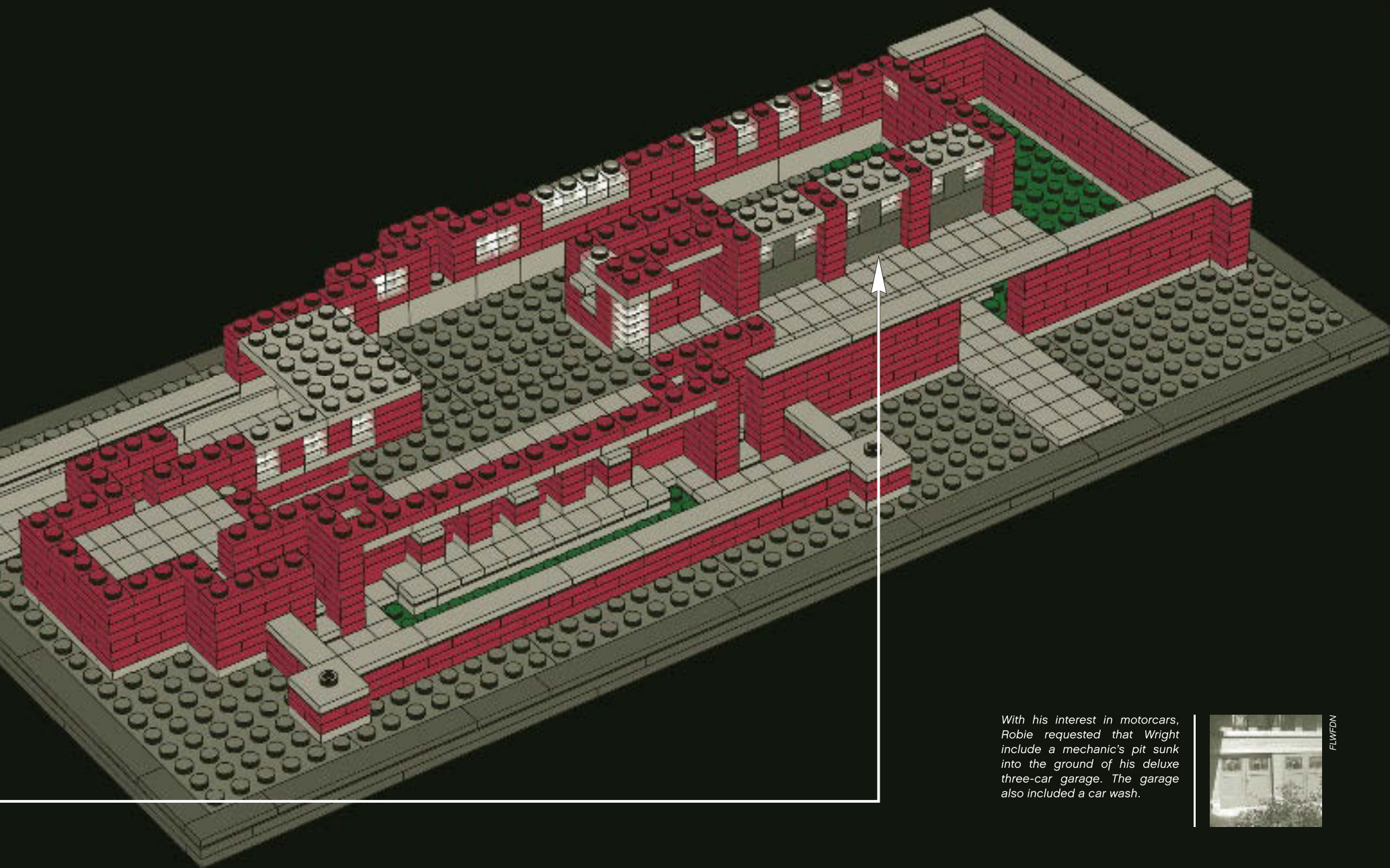
5



6



3x



*With his interest in motorcars, Robie requested that Wright include a mechanic's pit sunk into the ground of his deluxe three-car garage. The garage also included a car wash.*



FLWFDN



15x

2x

102

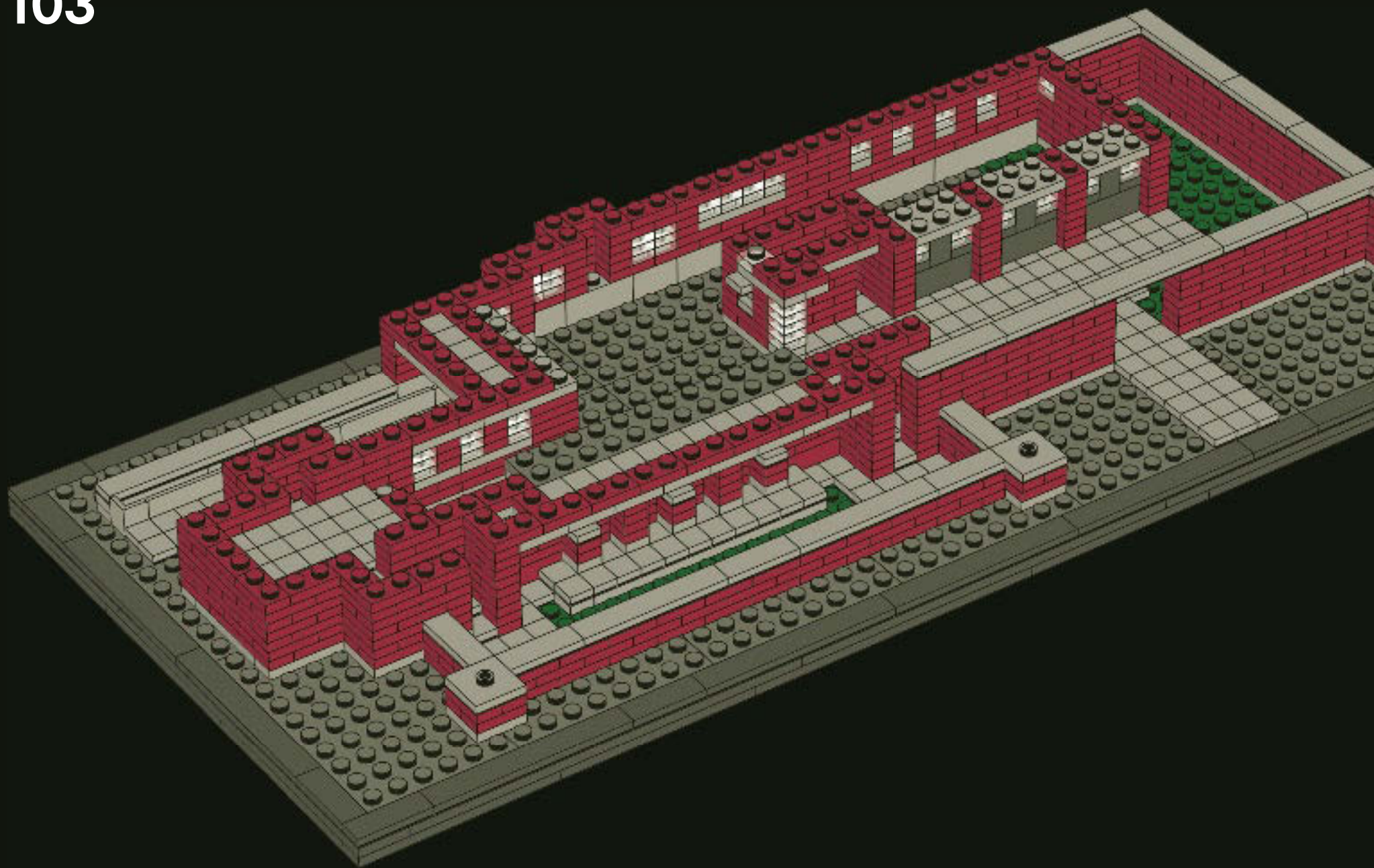




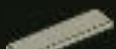
5x

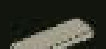
9x

# 103

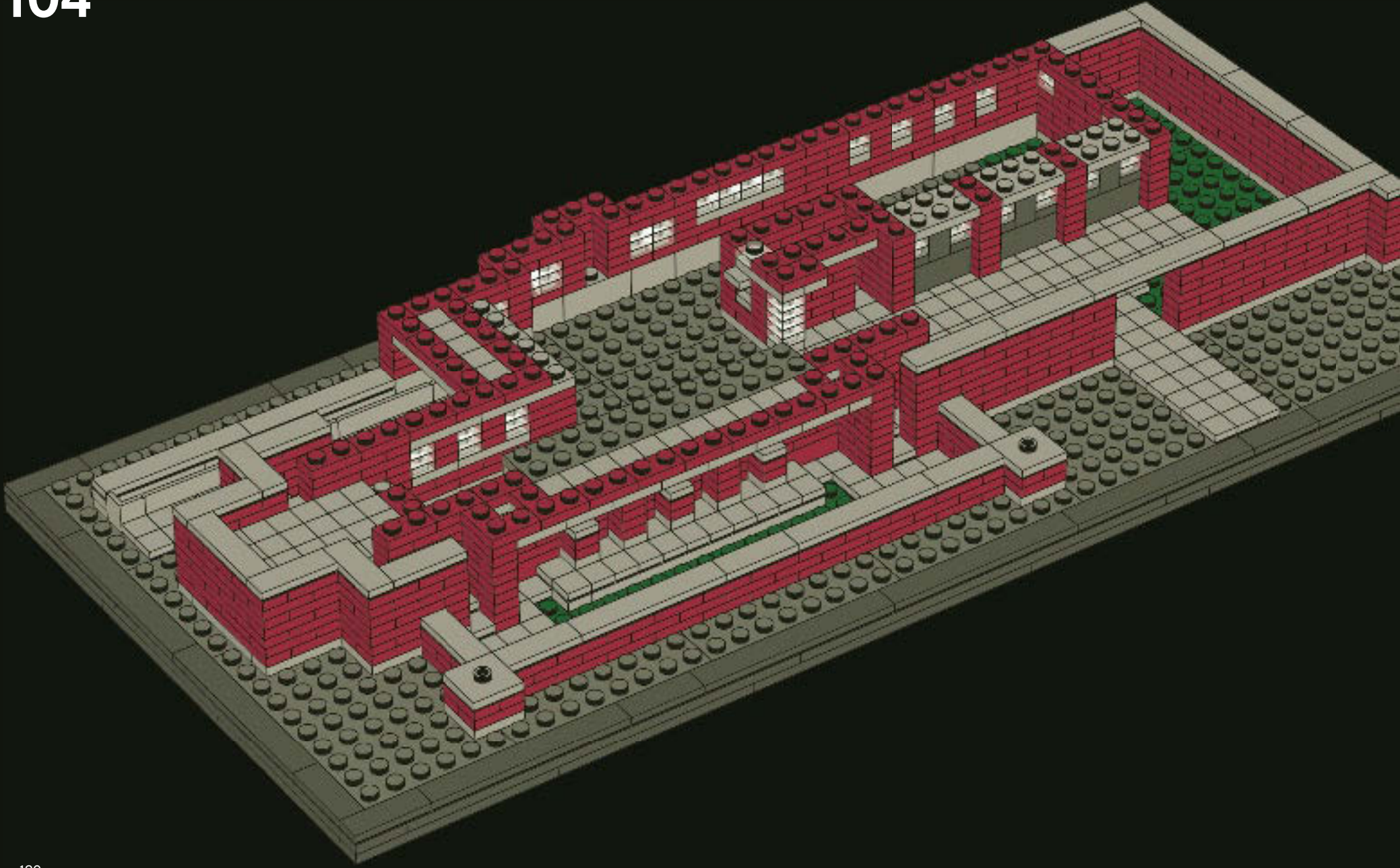





  
1x


  
6x


104



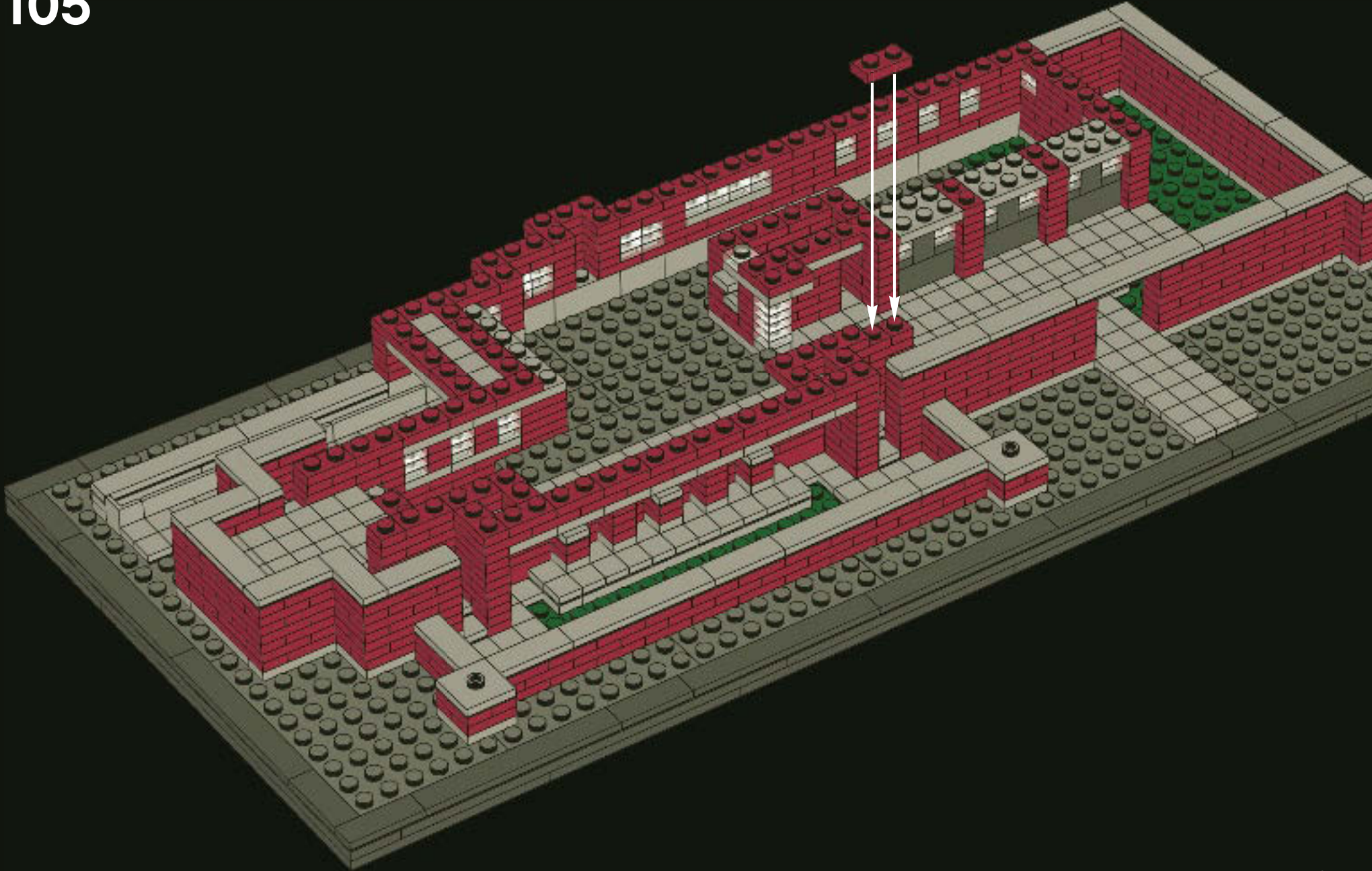


  
13x

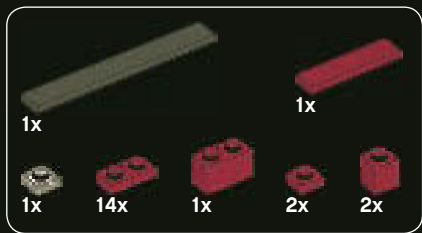
  
1x

  
2x

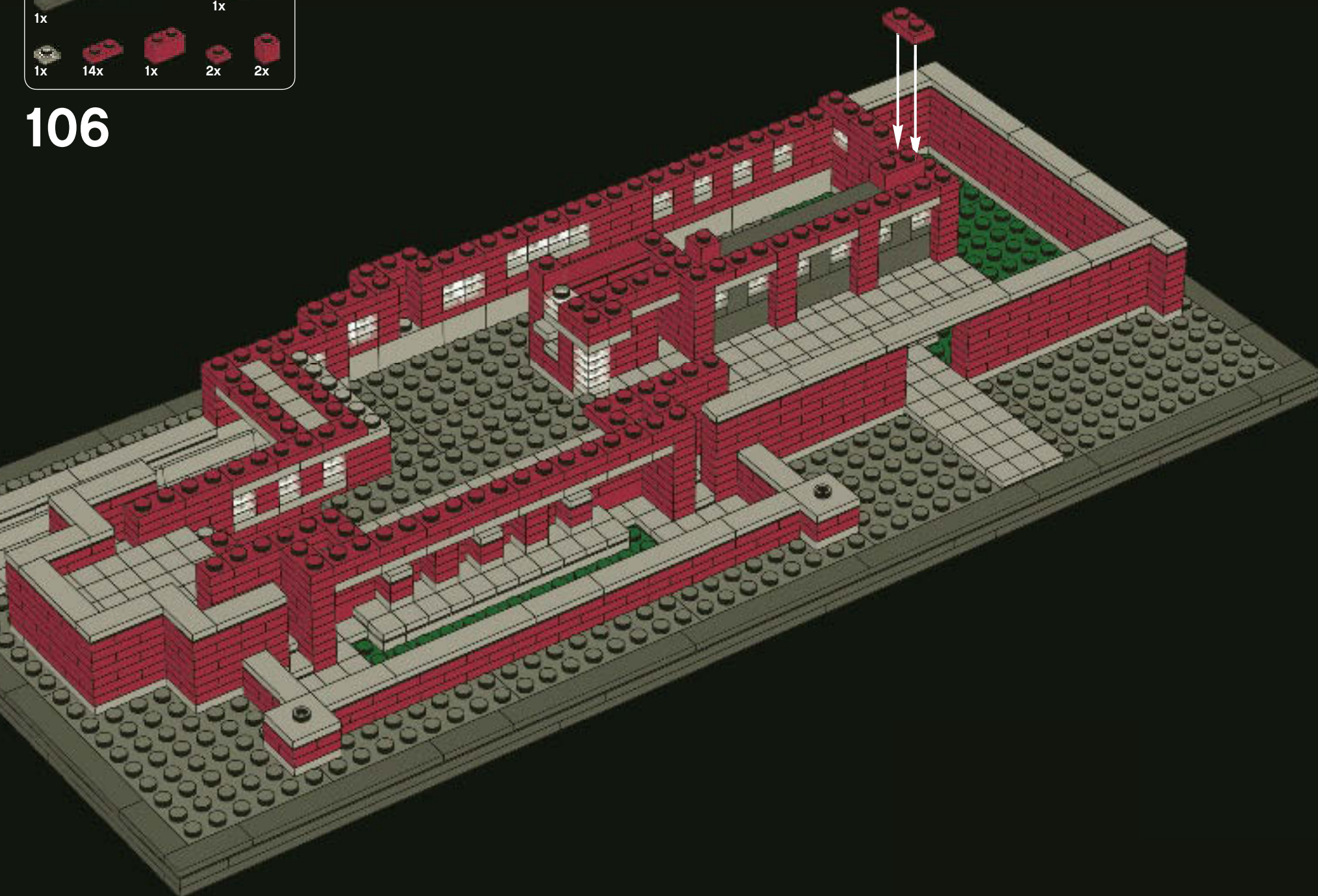
105









106





  
15x

  
1x

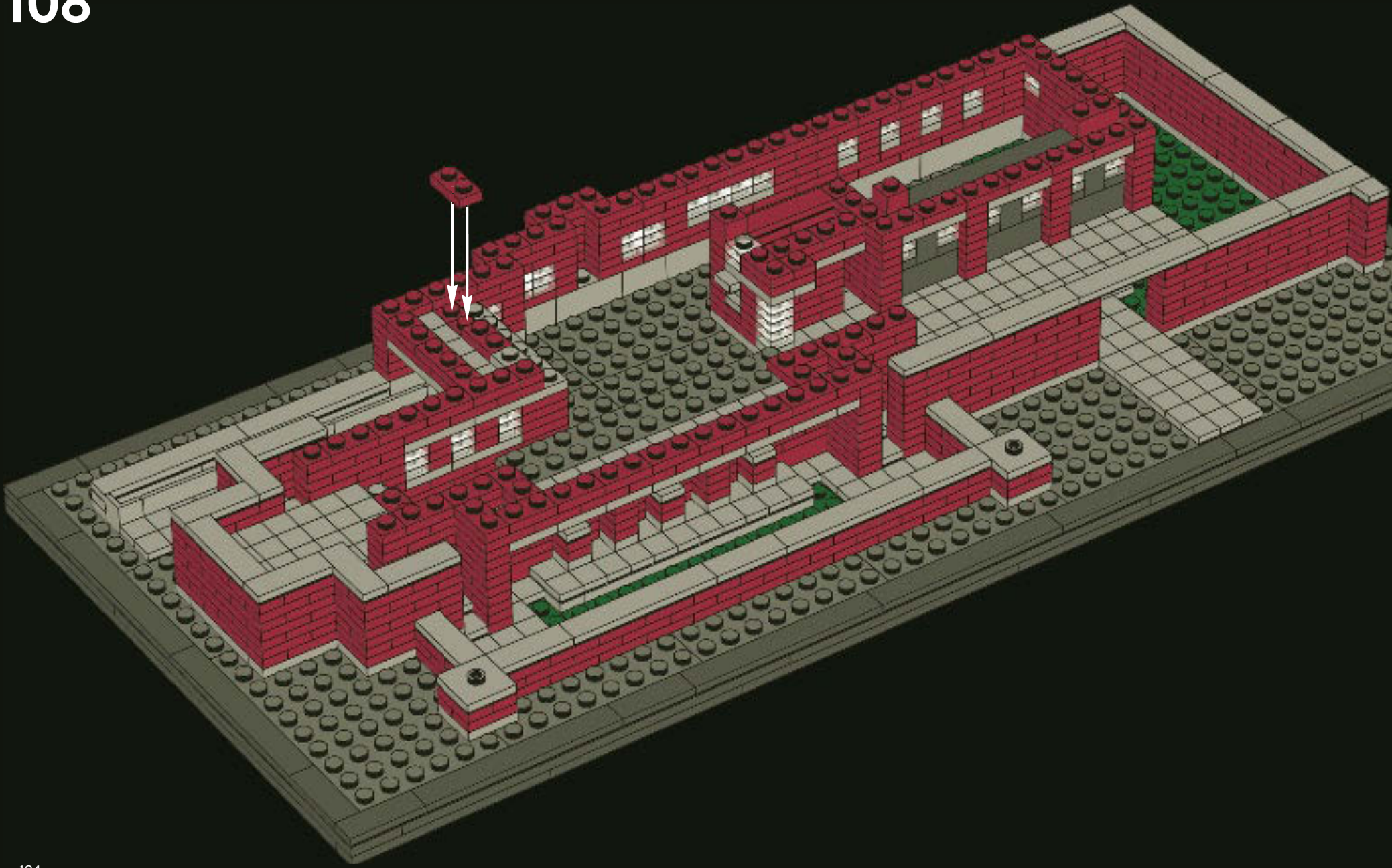
107





1x 7x 2x 1x

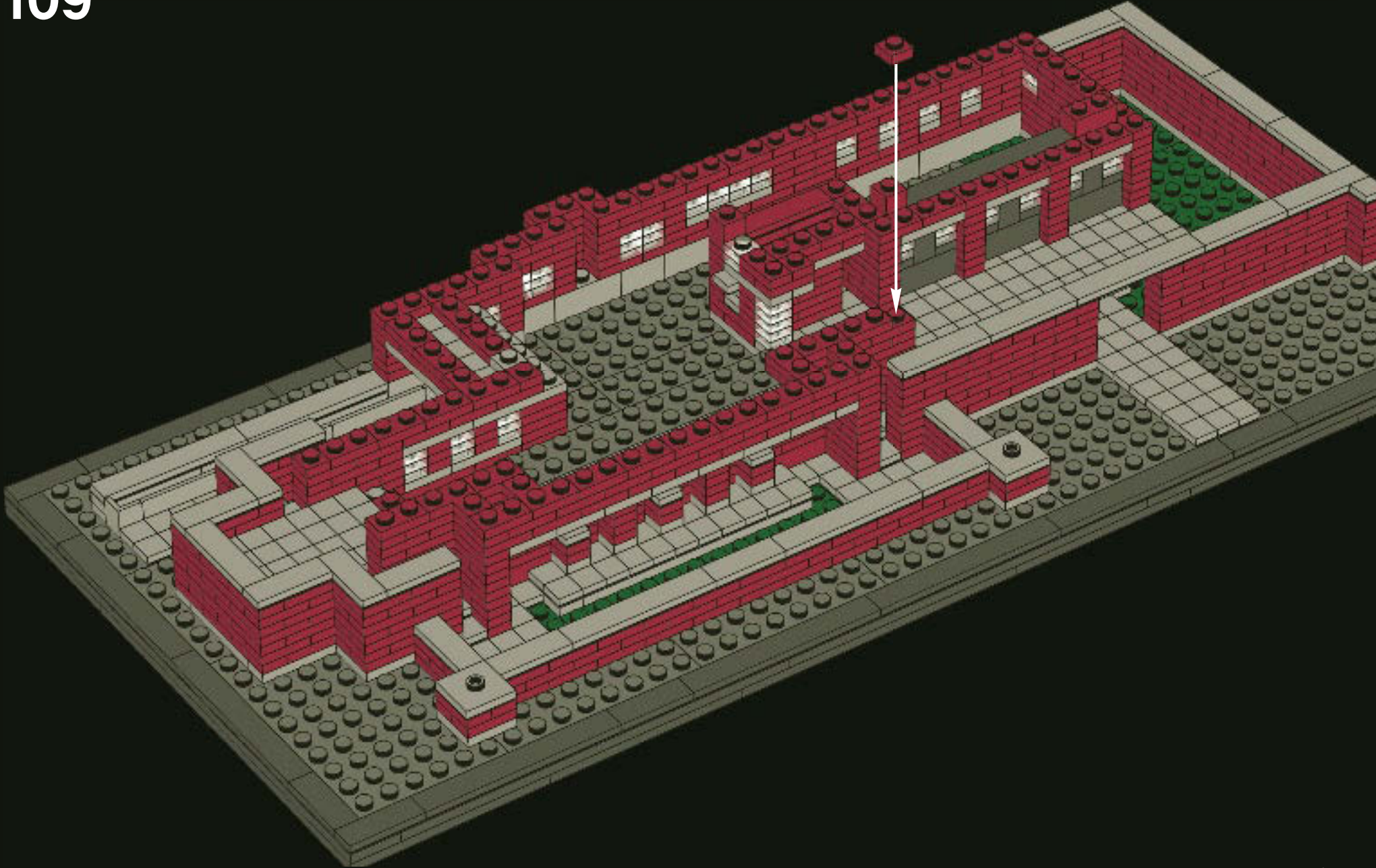
108





13x 1x 2x

109







1x



14x



1x

# 110





14x      2x

111







1x

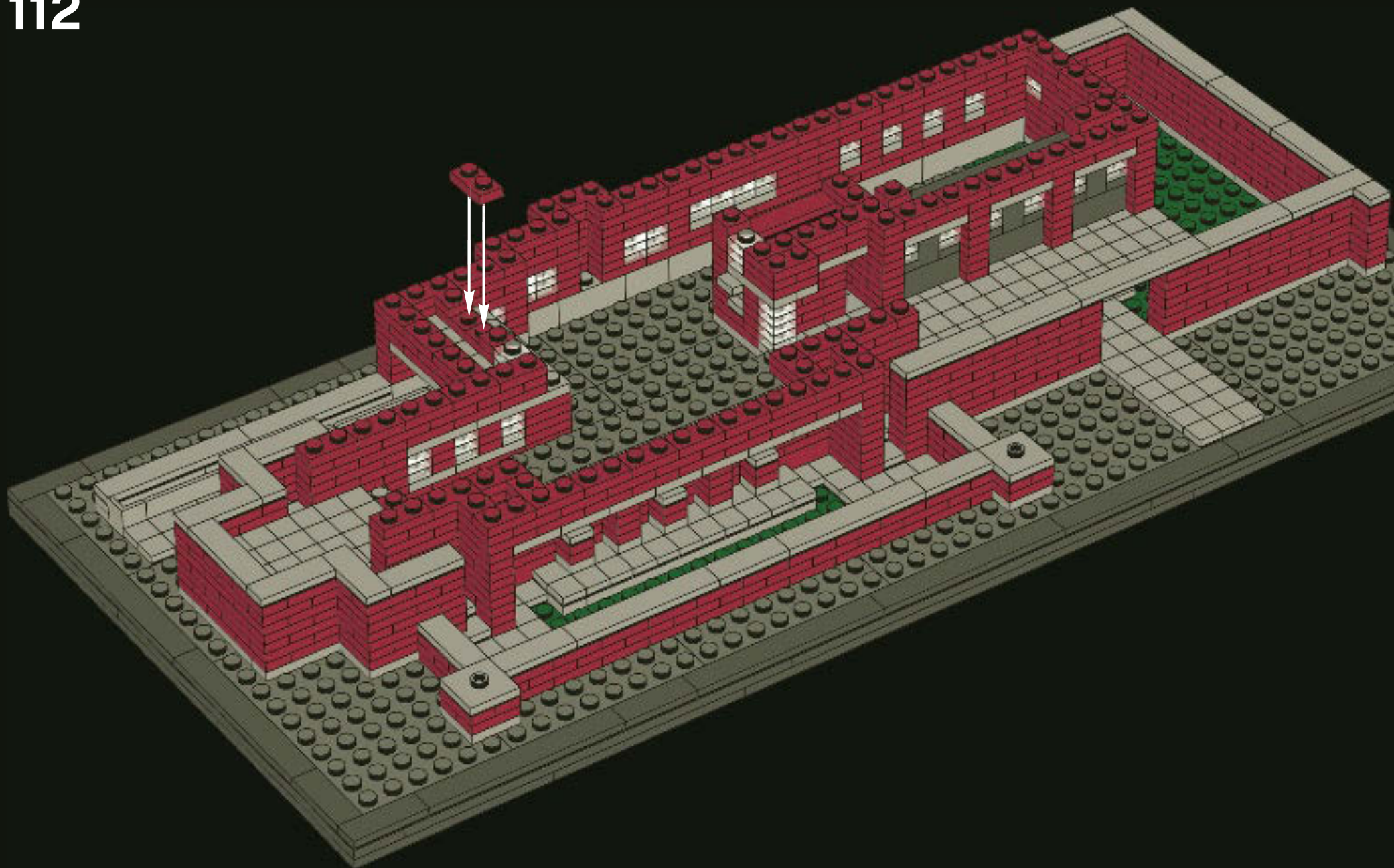


8x

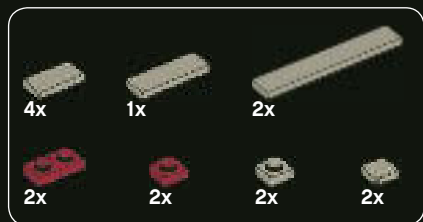


1x

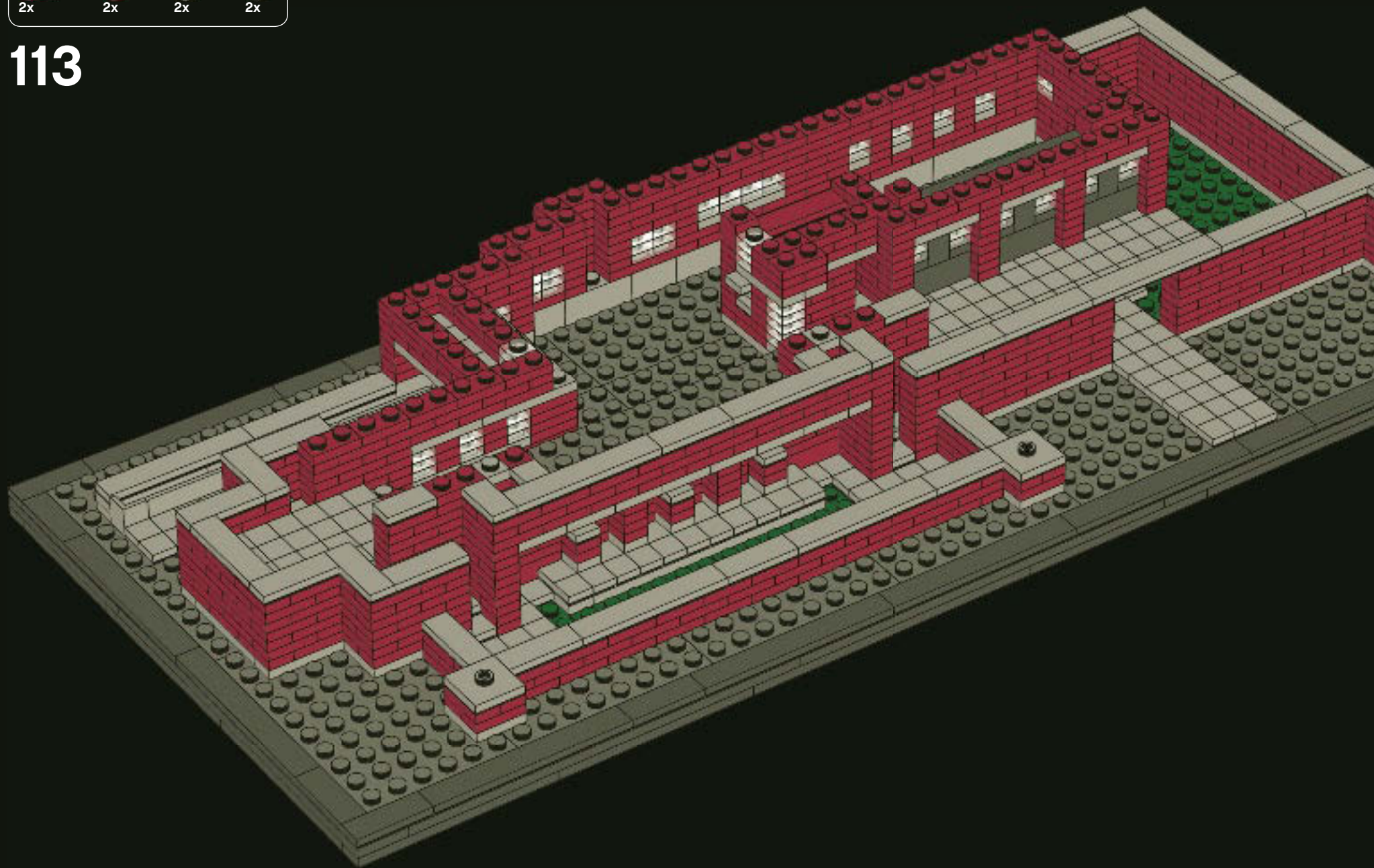
# 112



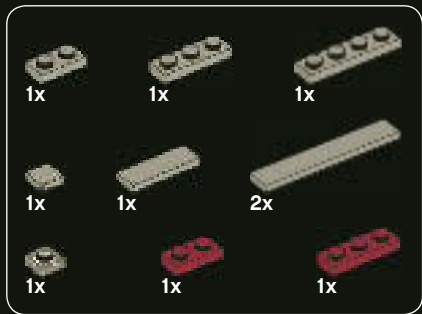




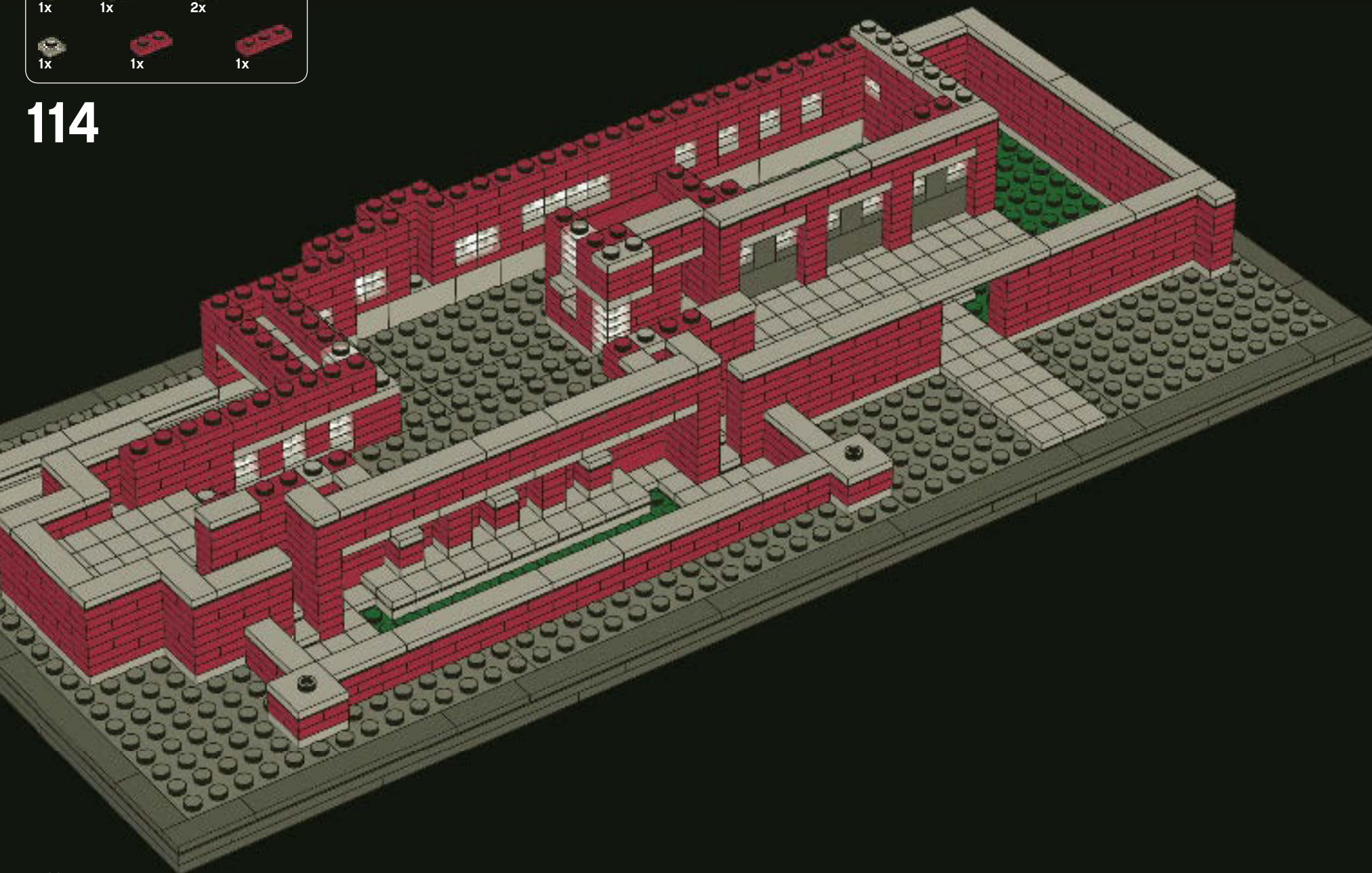
113



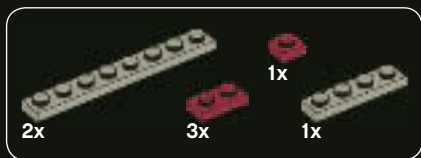




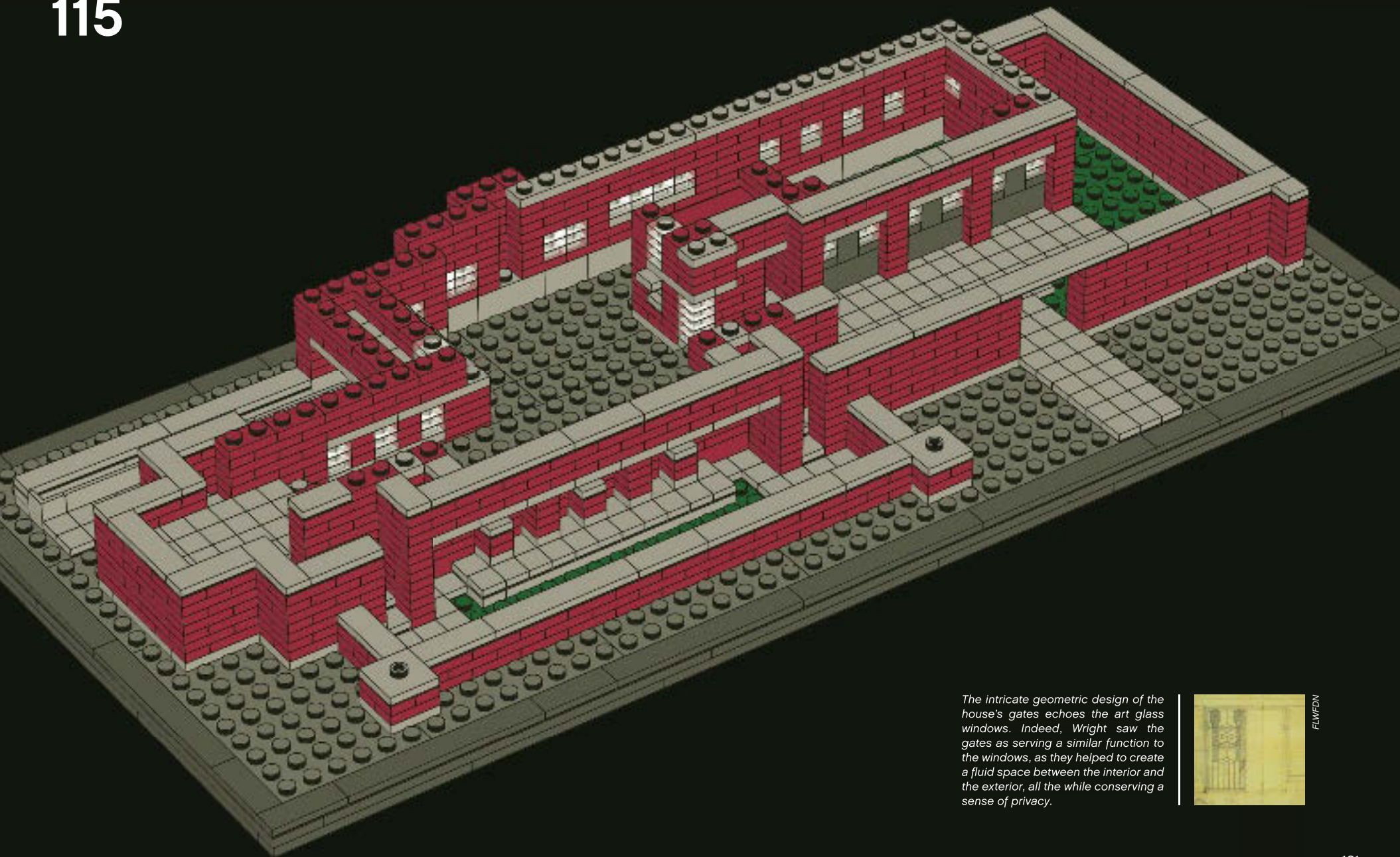
114



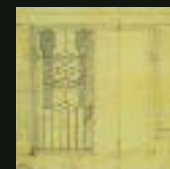




# 115

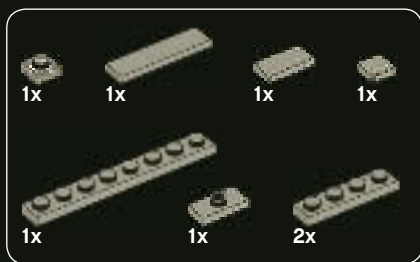


The intricate geometric design of the house's gates echoes the art glass windows. Indeed, Wright saw the gates as serving a similar function to the windows, as they helped to create a fluid space between the interior and the exterior, all the while conserving a sense of privacy.

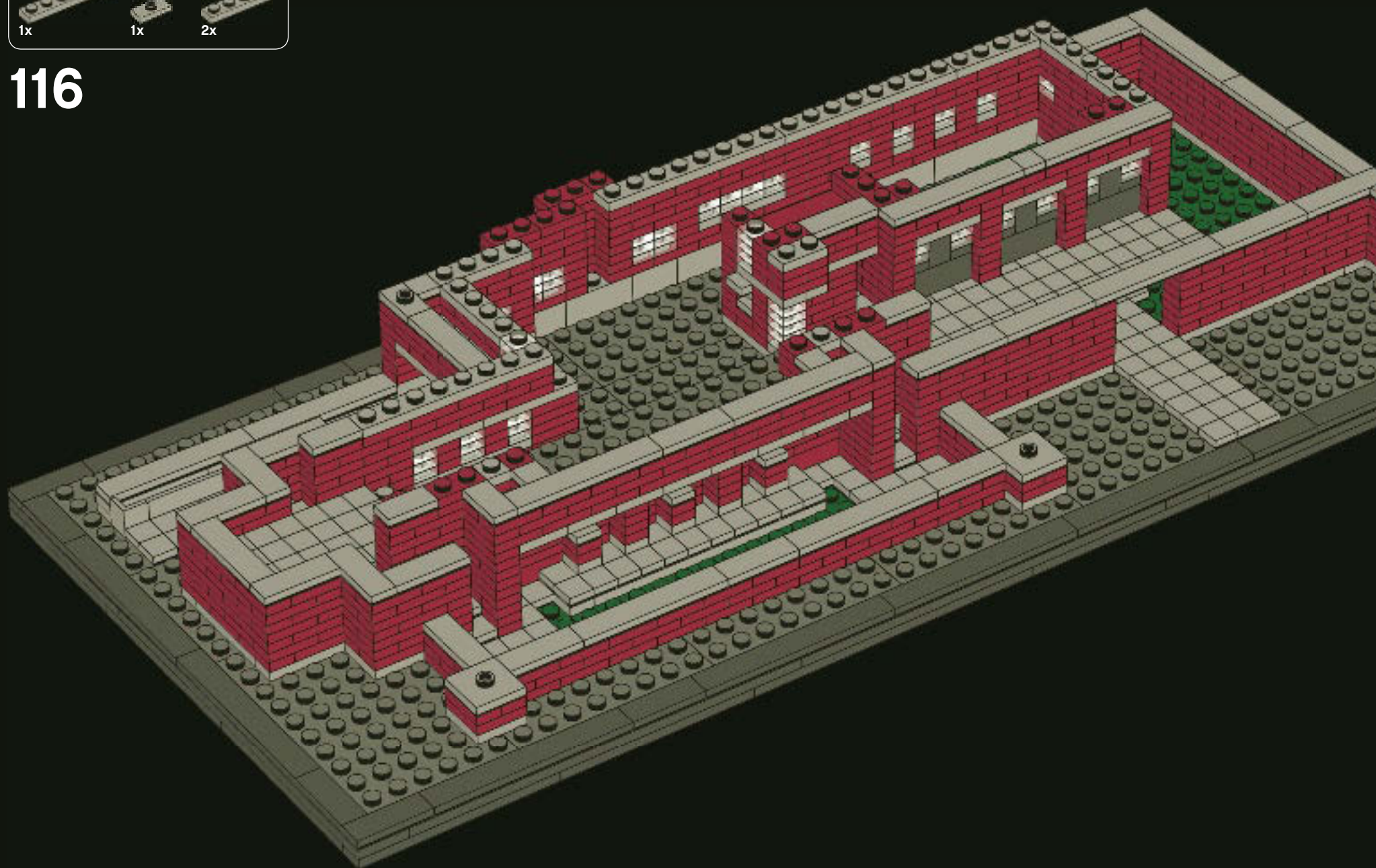


FLWFDN





116







11x



1x

117







4x

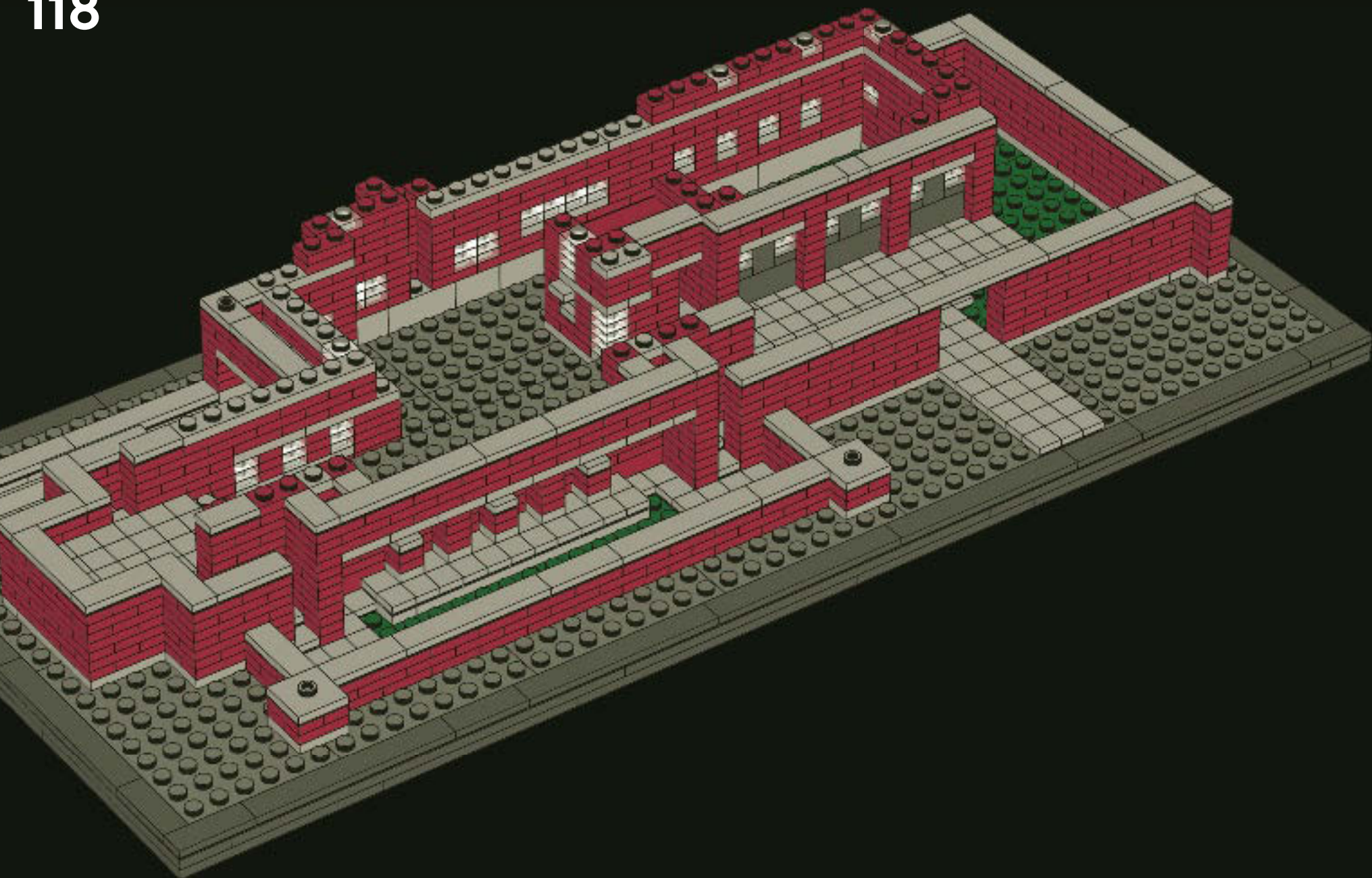


7x



7x

# 118





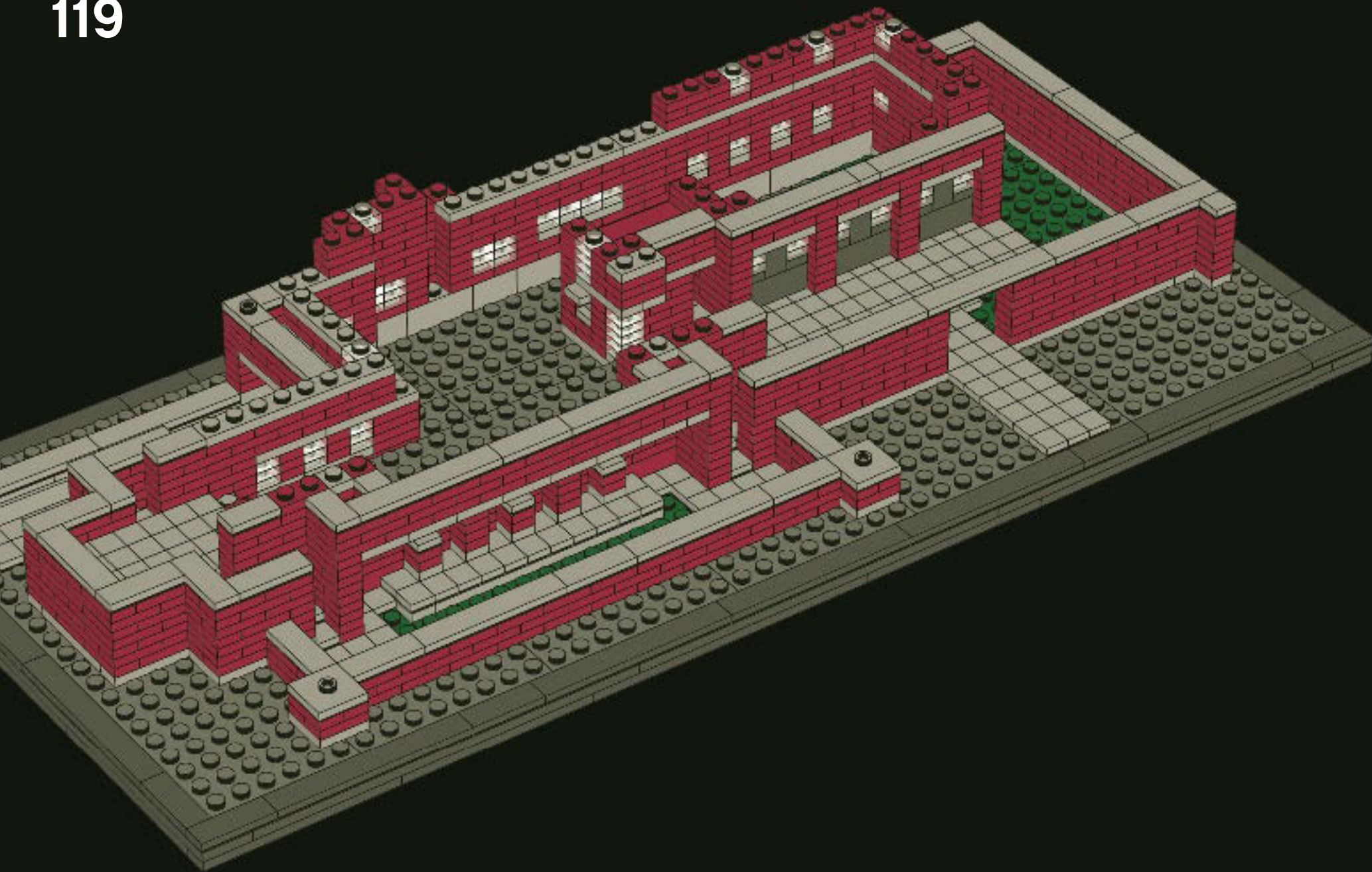
4x

6x

3x

2x

119





2x 2x 1x

120

1 2 3





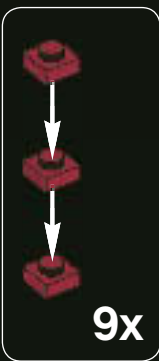


42x

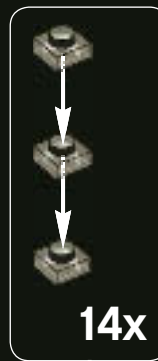


27x

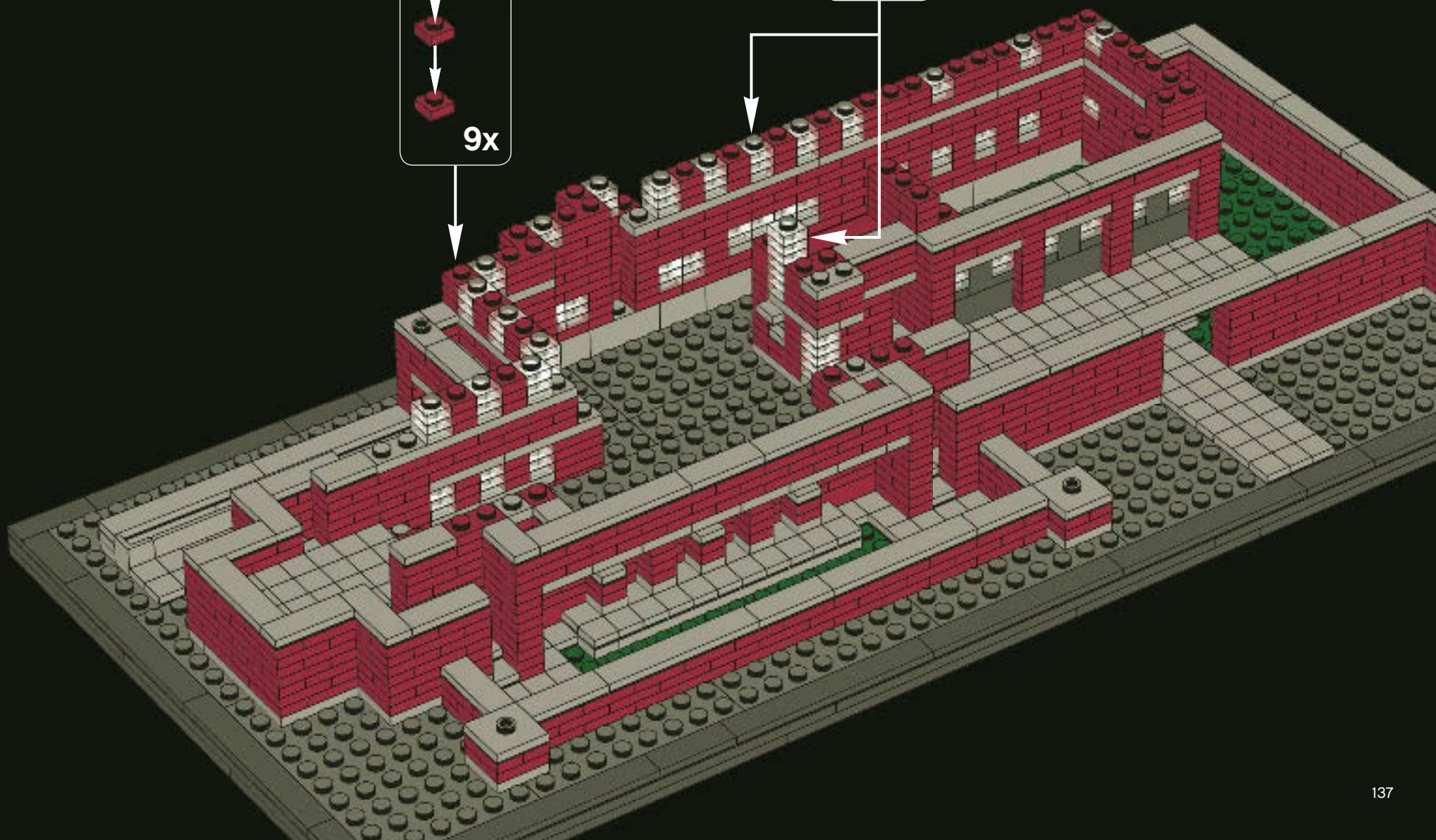
# 121



9x



14x



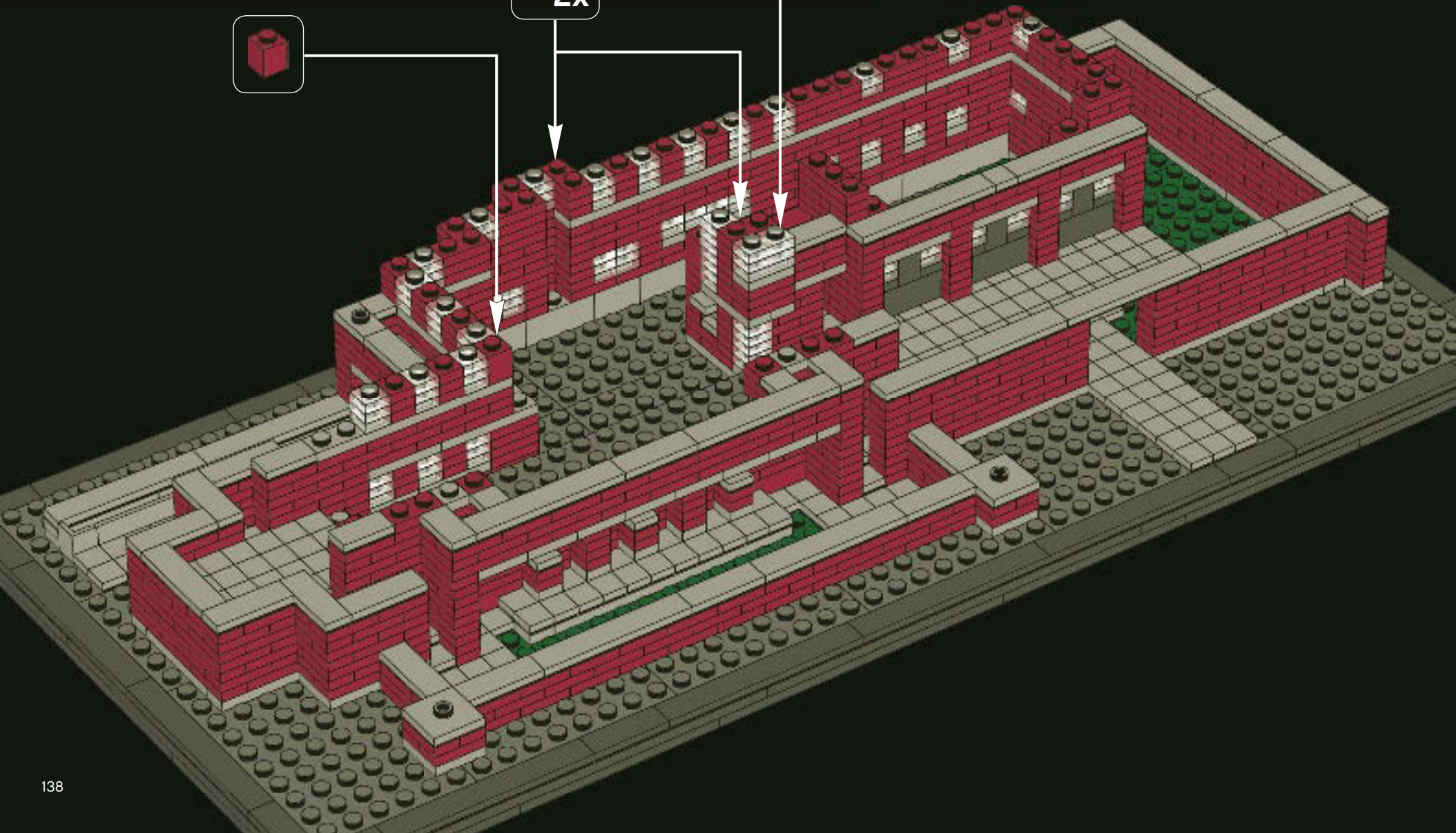


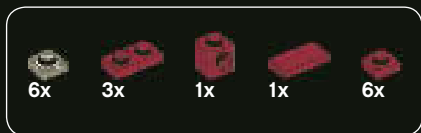
1x 6x 3x

122

2x

2x

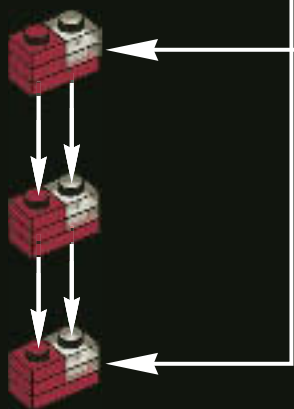




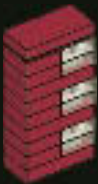
123



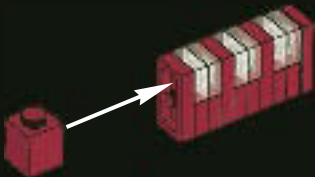
1



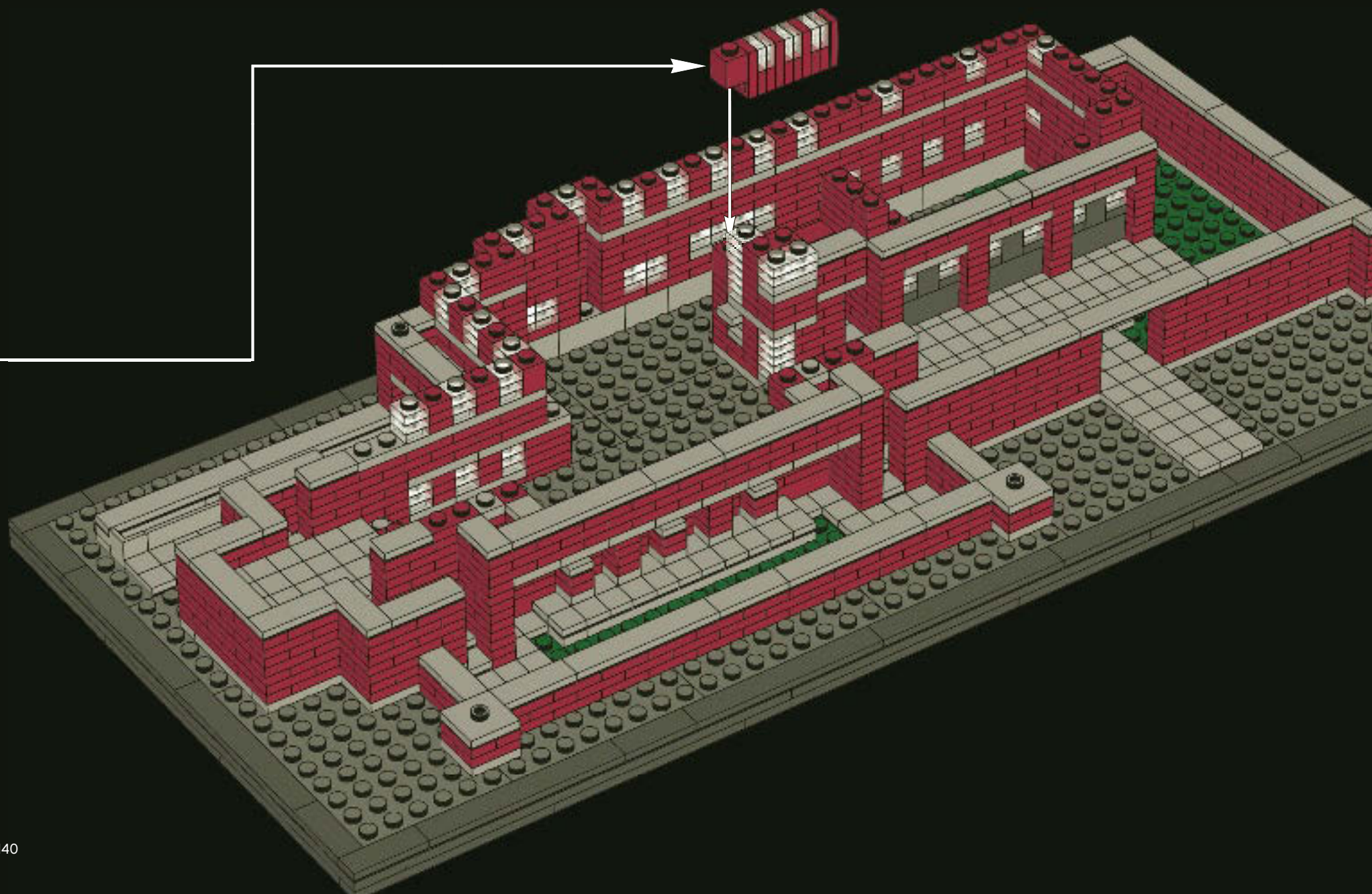
2

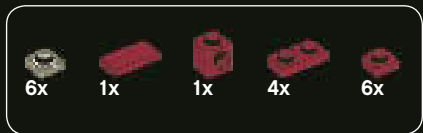


3

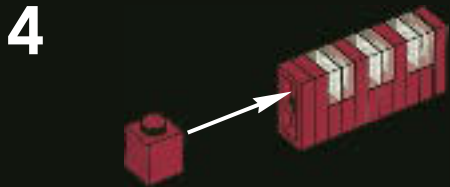
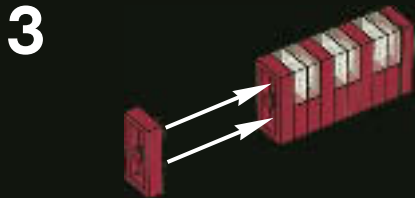
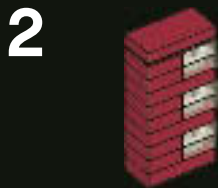
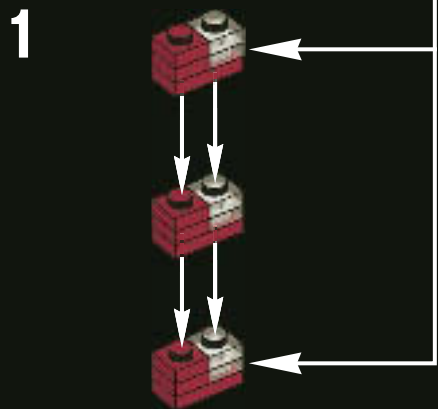




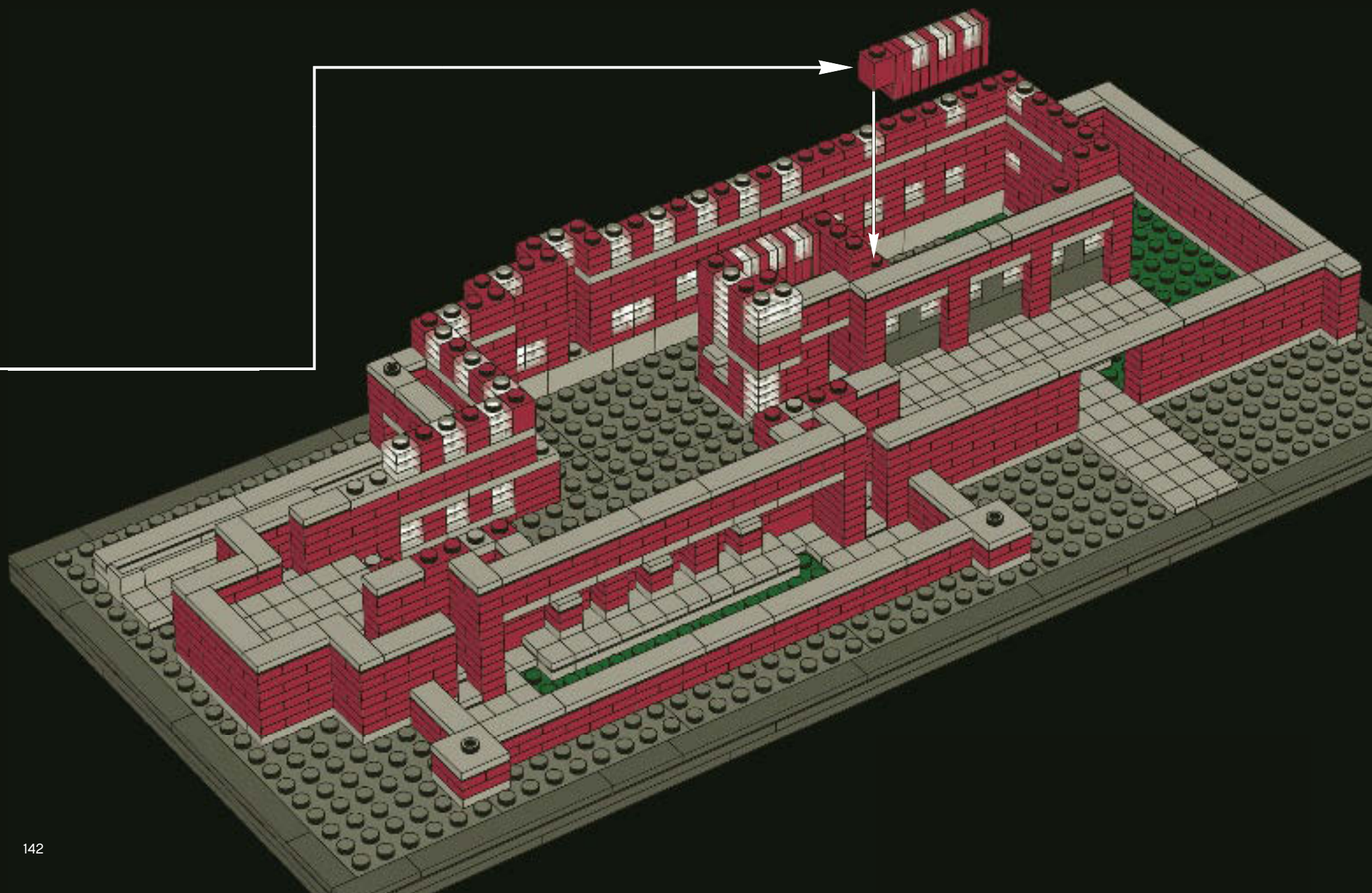


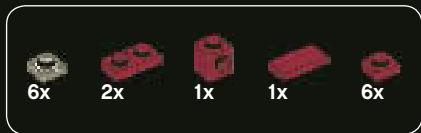


124

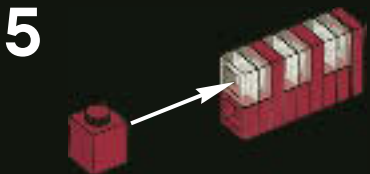
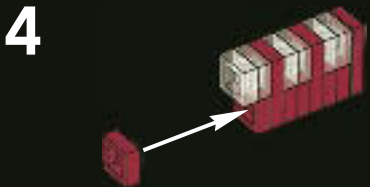
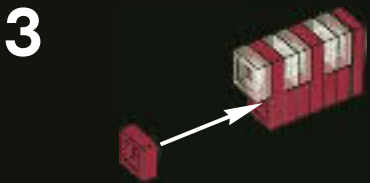




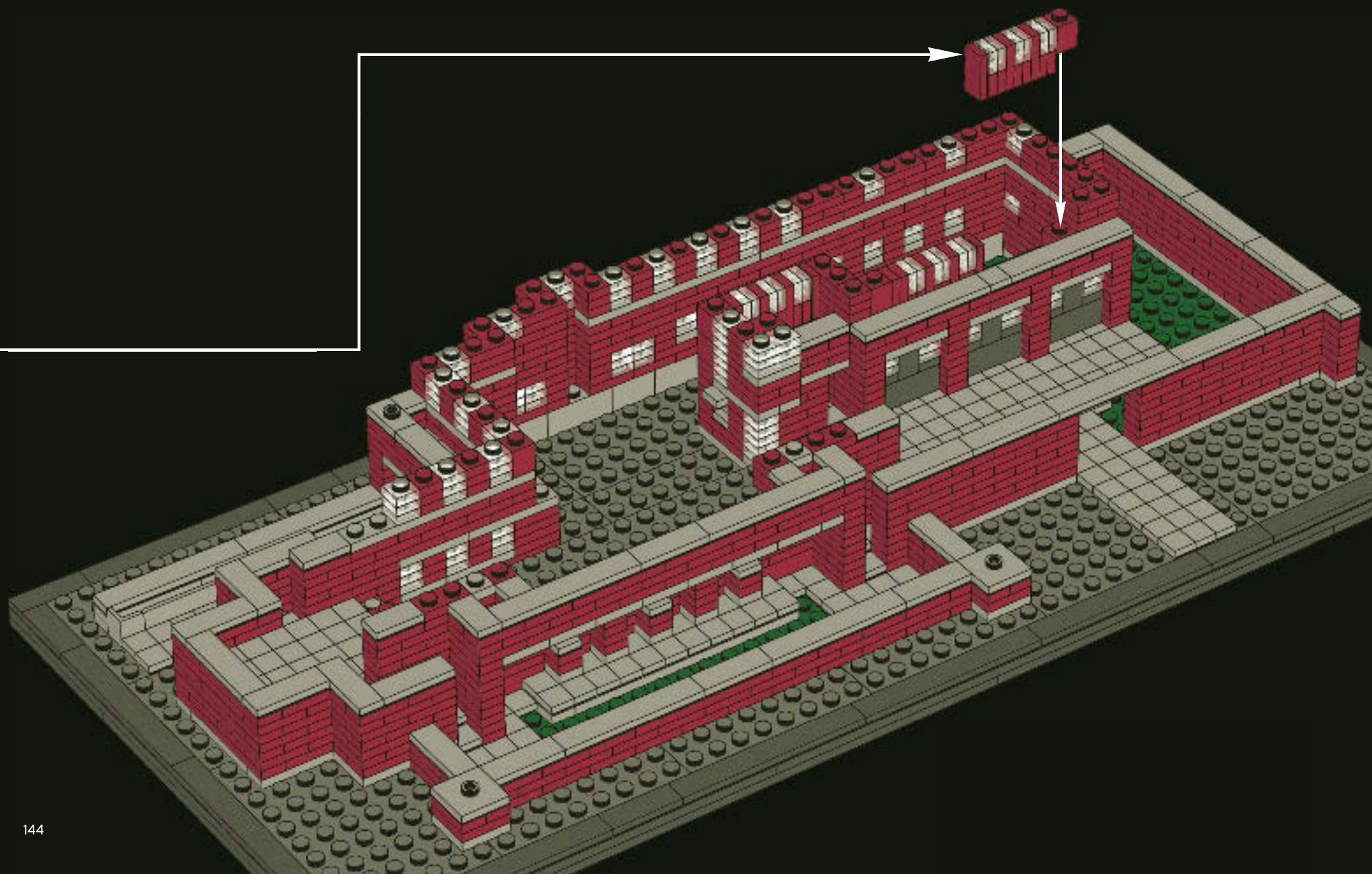




125









6x

9x

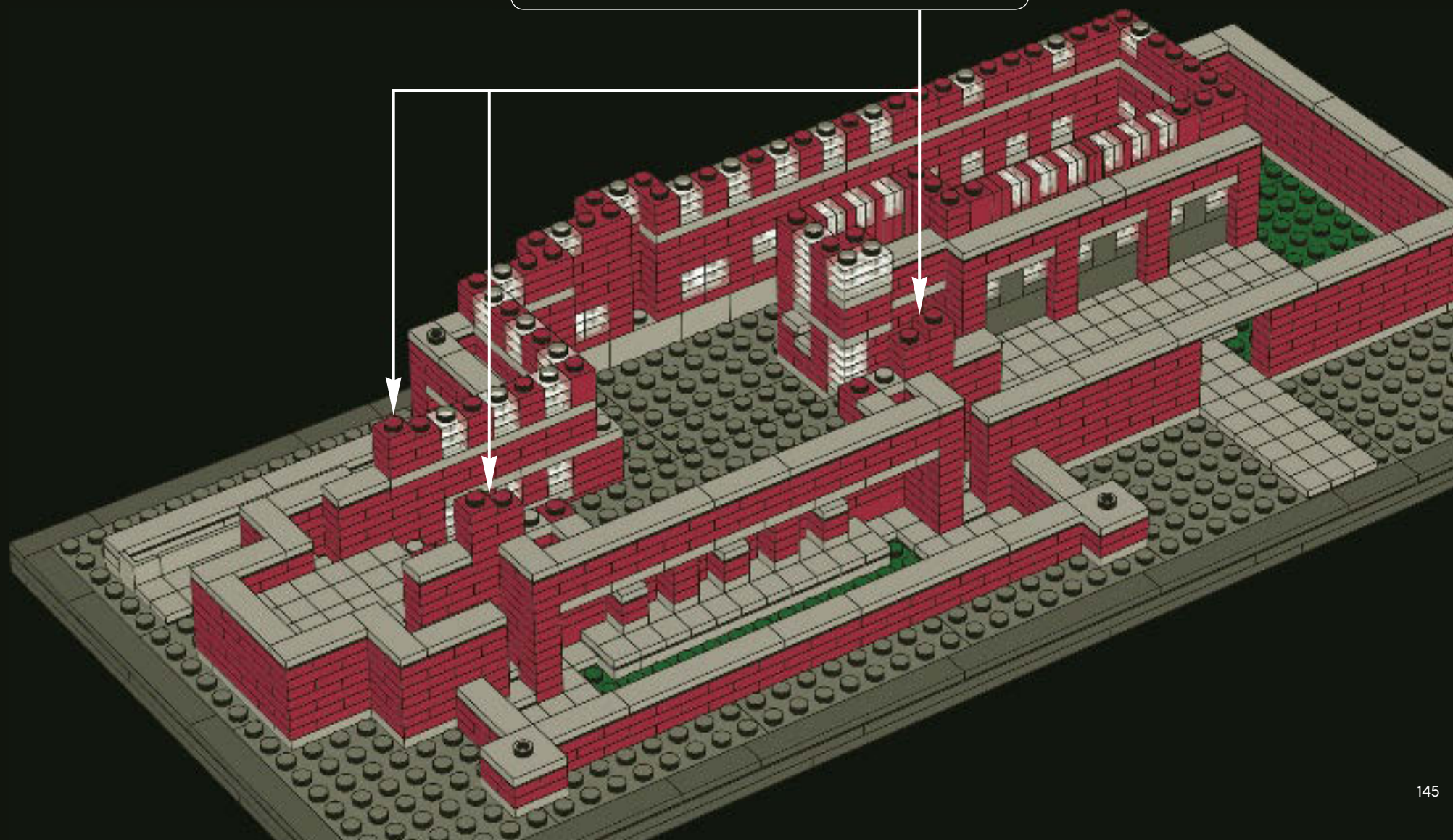
126

1

2

3

3x











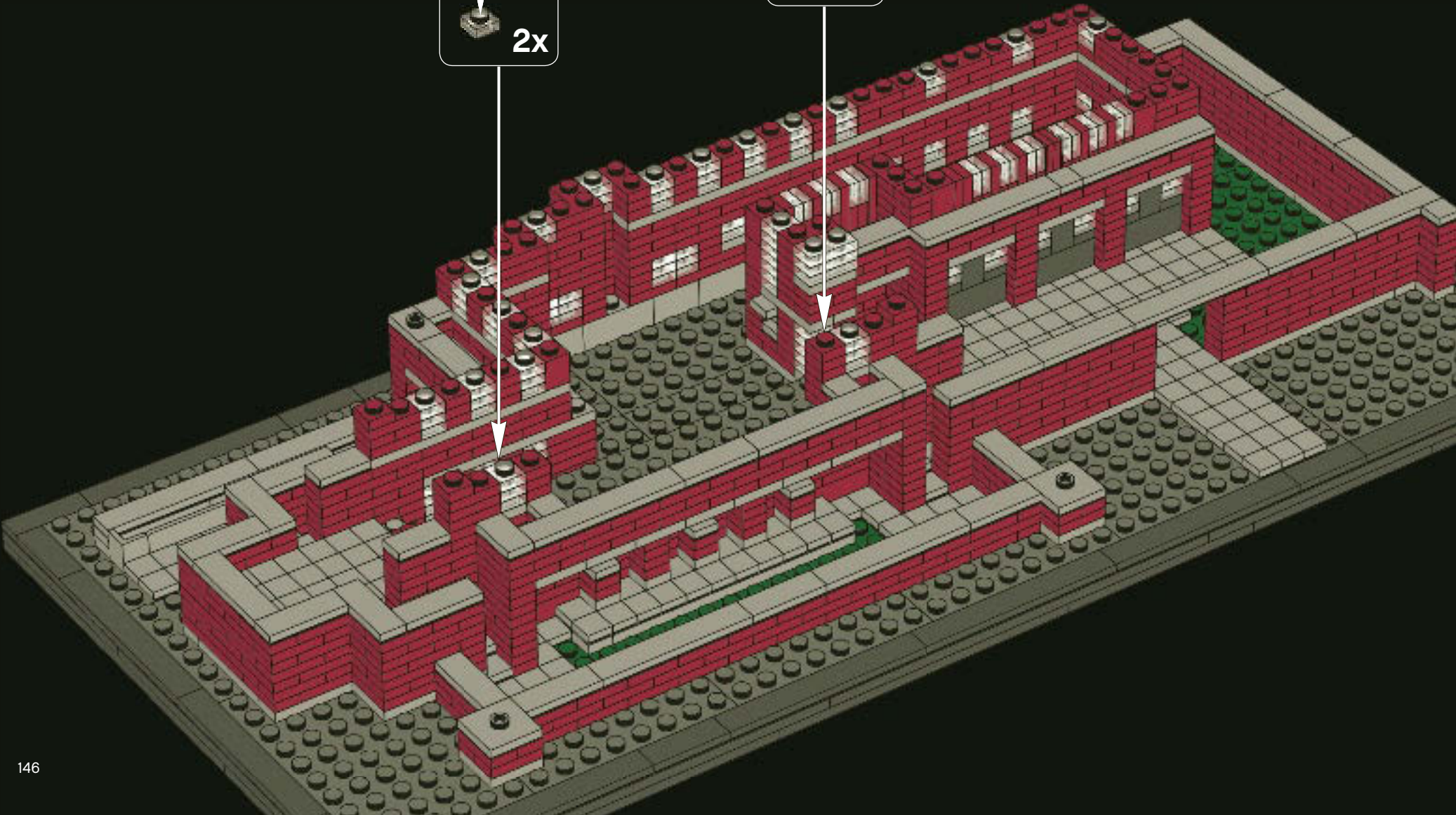
  
6x

  
6x

127

  
↓  
  
↓  
  
2x

  
↓  
  
↓  
  
2x







30x



6x



30x

# 128

1



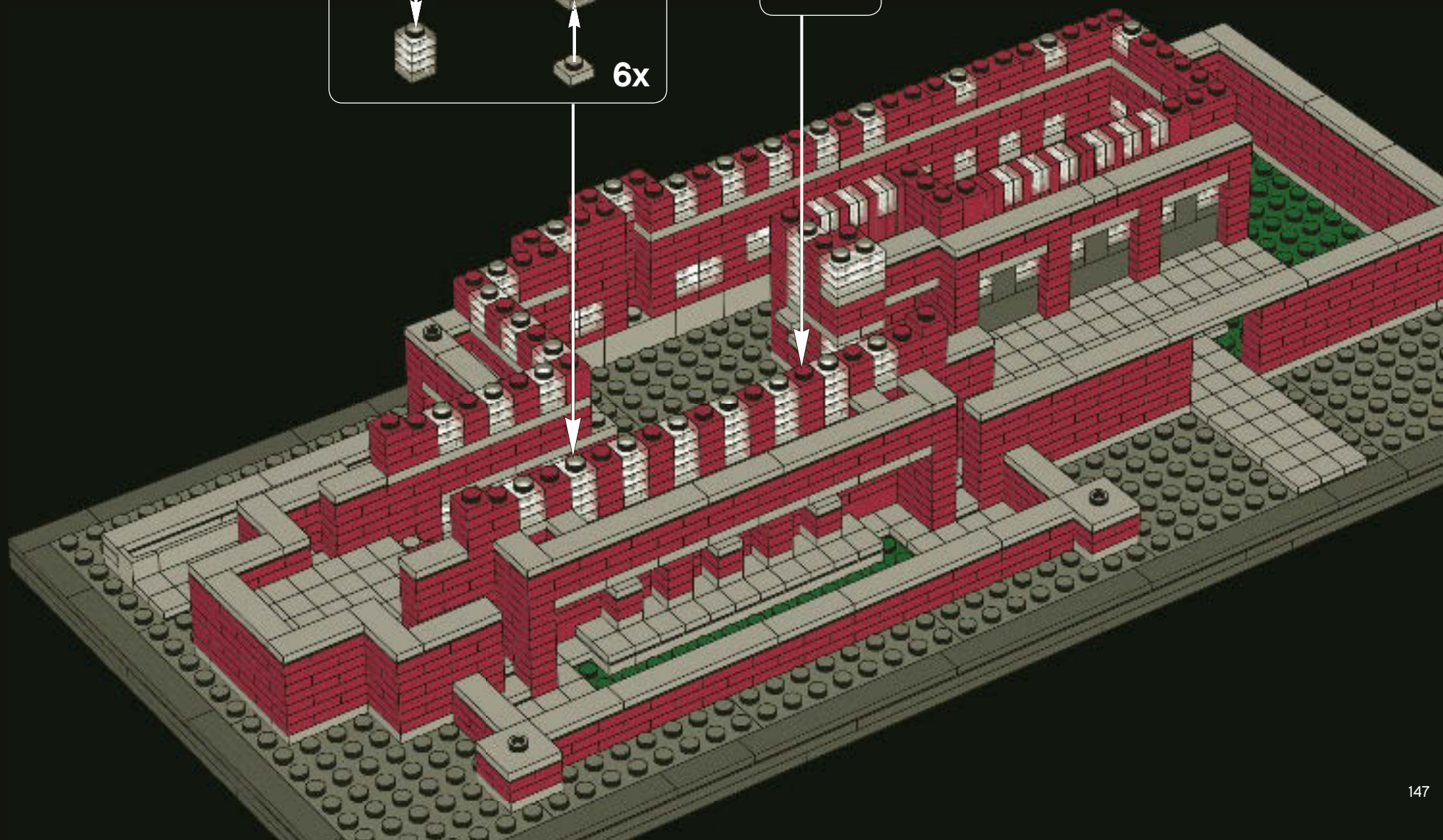
2



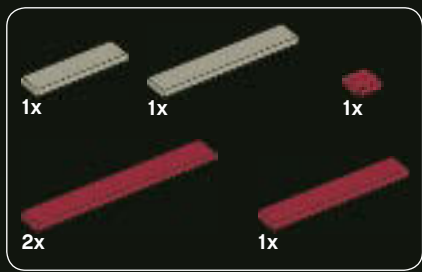
6x



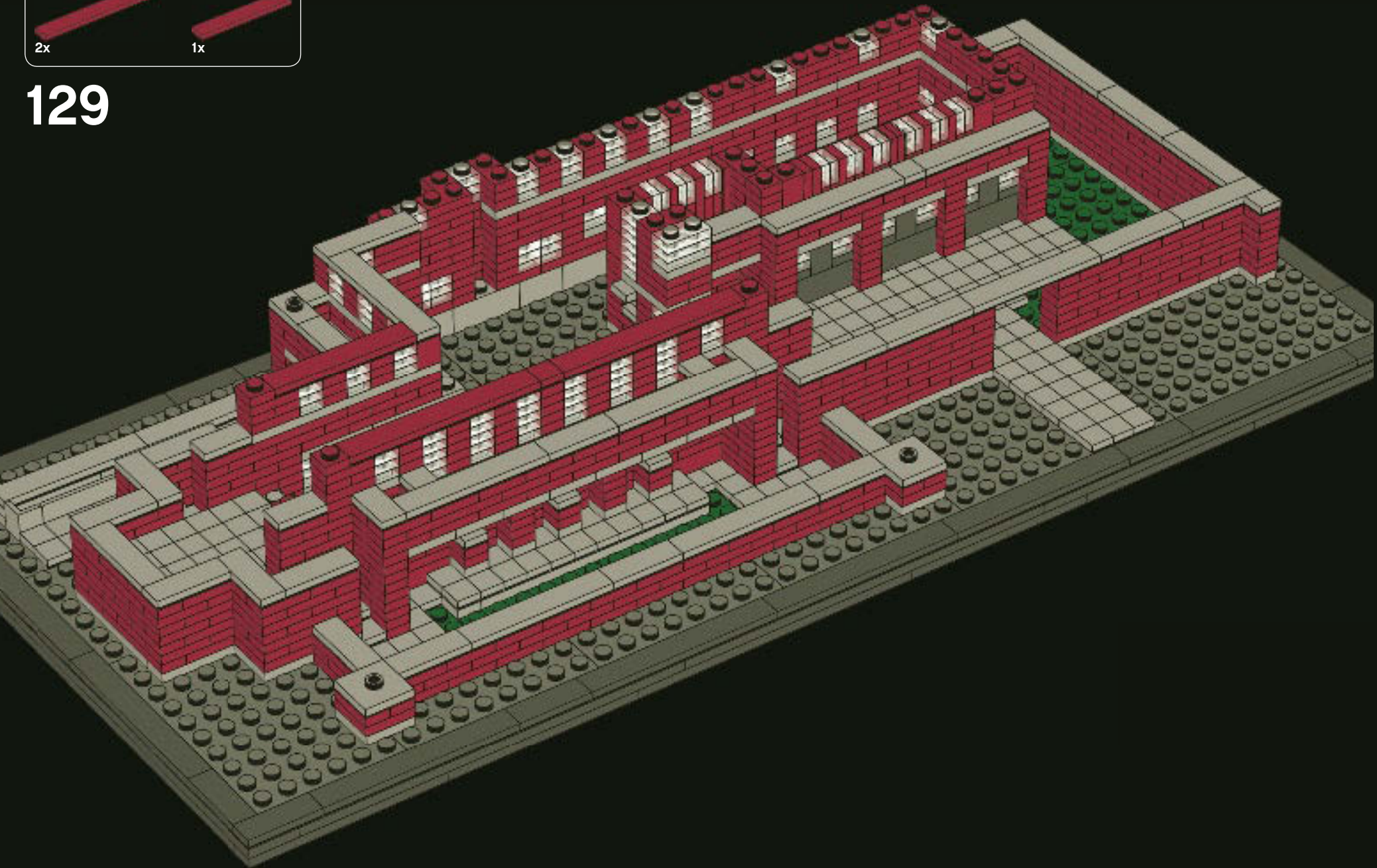
5x







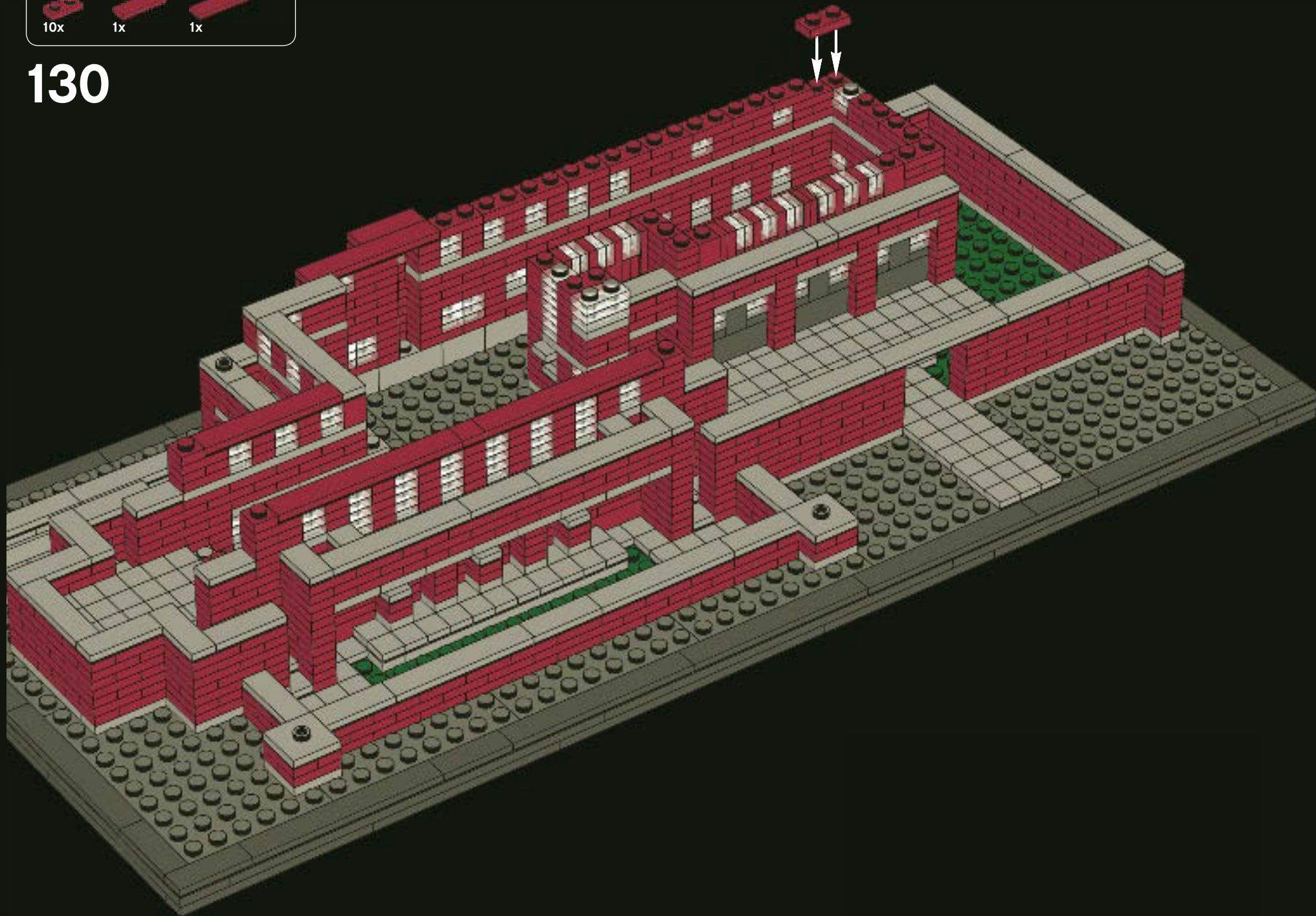
129



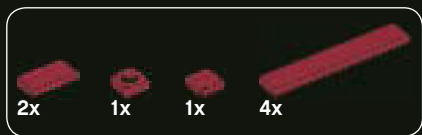




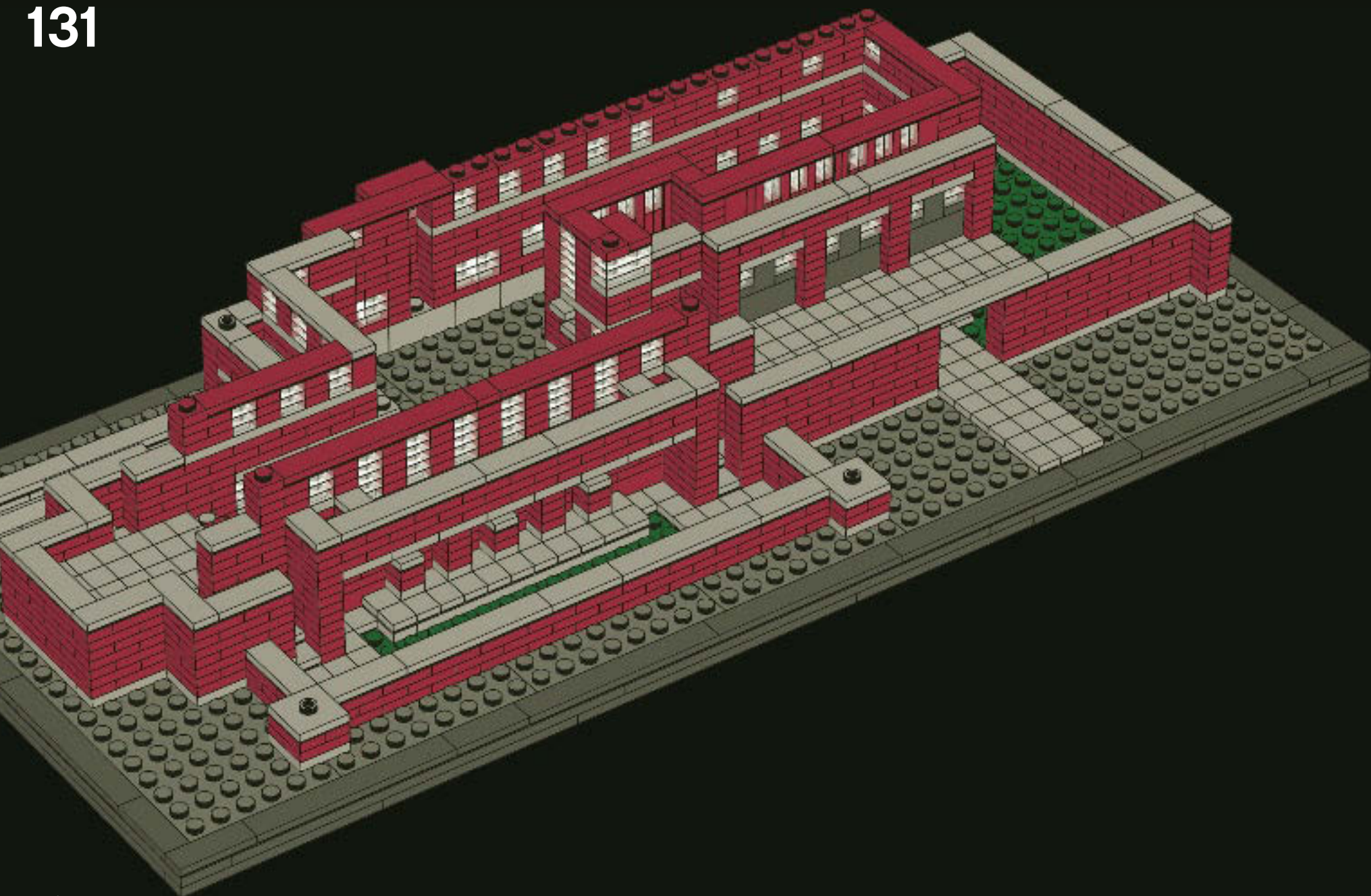
130





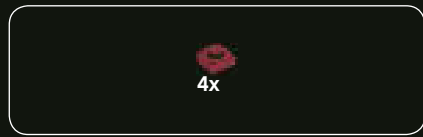
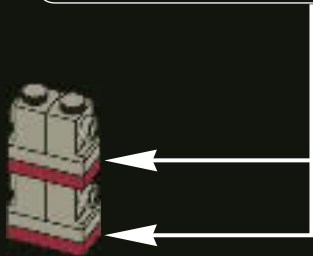
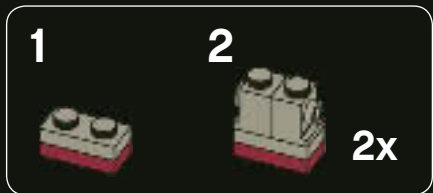


131





1



2



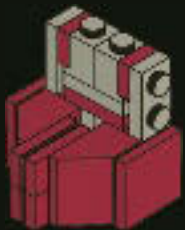
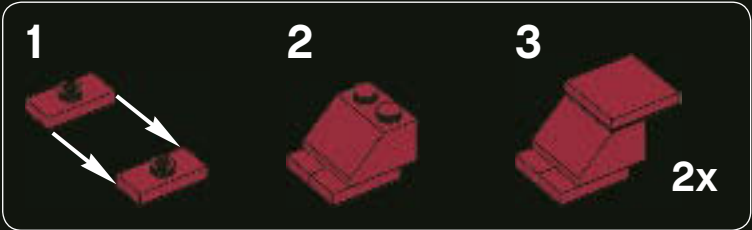
3







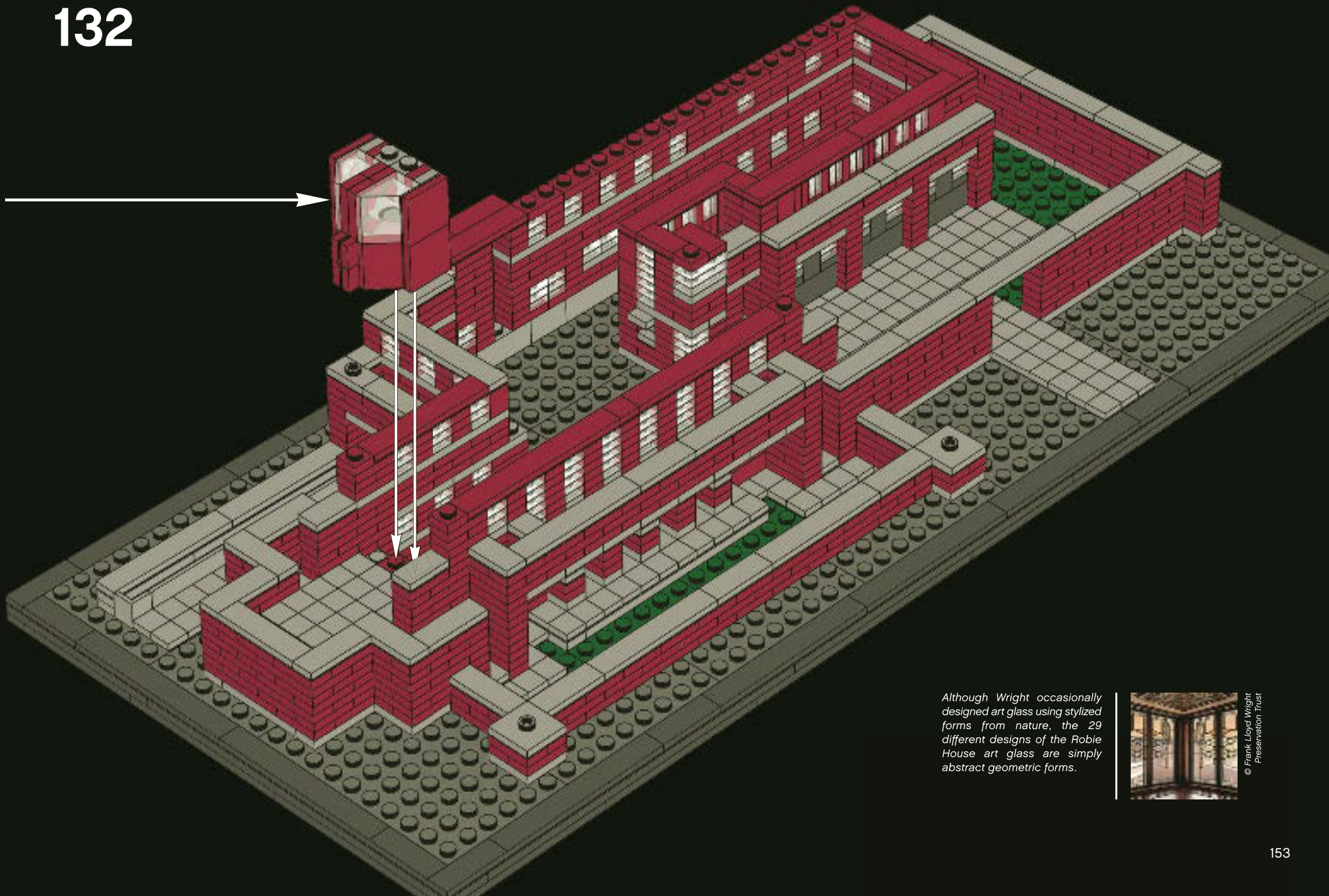
4



5



# 132



Although Wright occasionally designed art glass using stylized forms from nature, the 29 different designs of the Robie House art glass are simply abstract geometric forms.

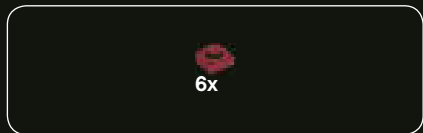
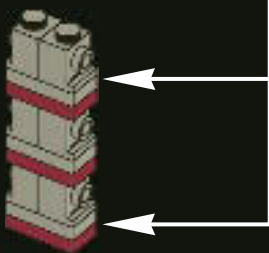
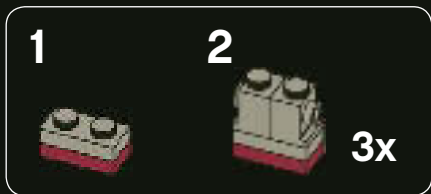


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Preservation Trust





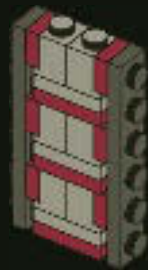
1

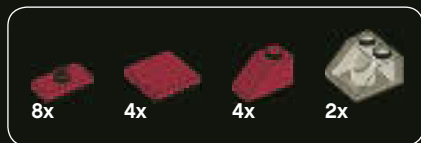


2

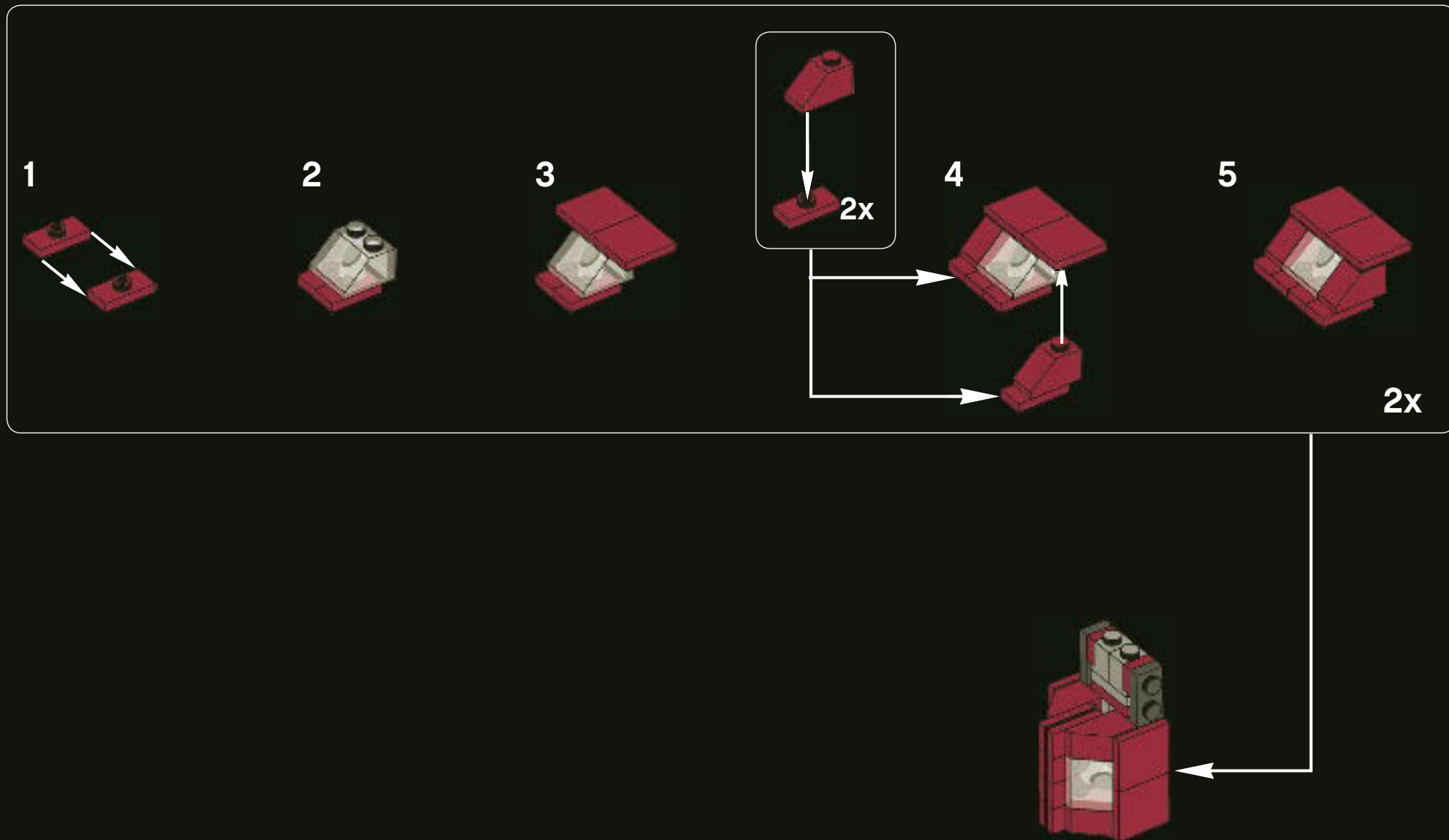


3

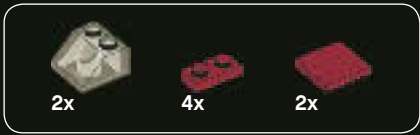




4



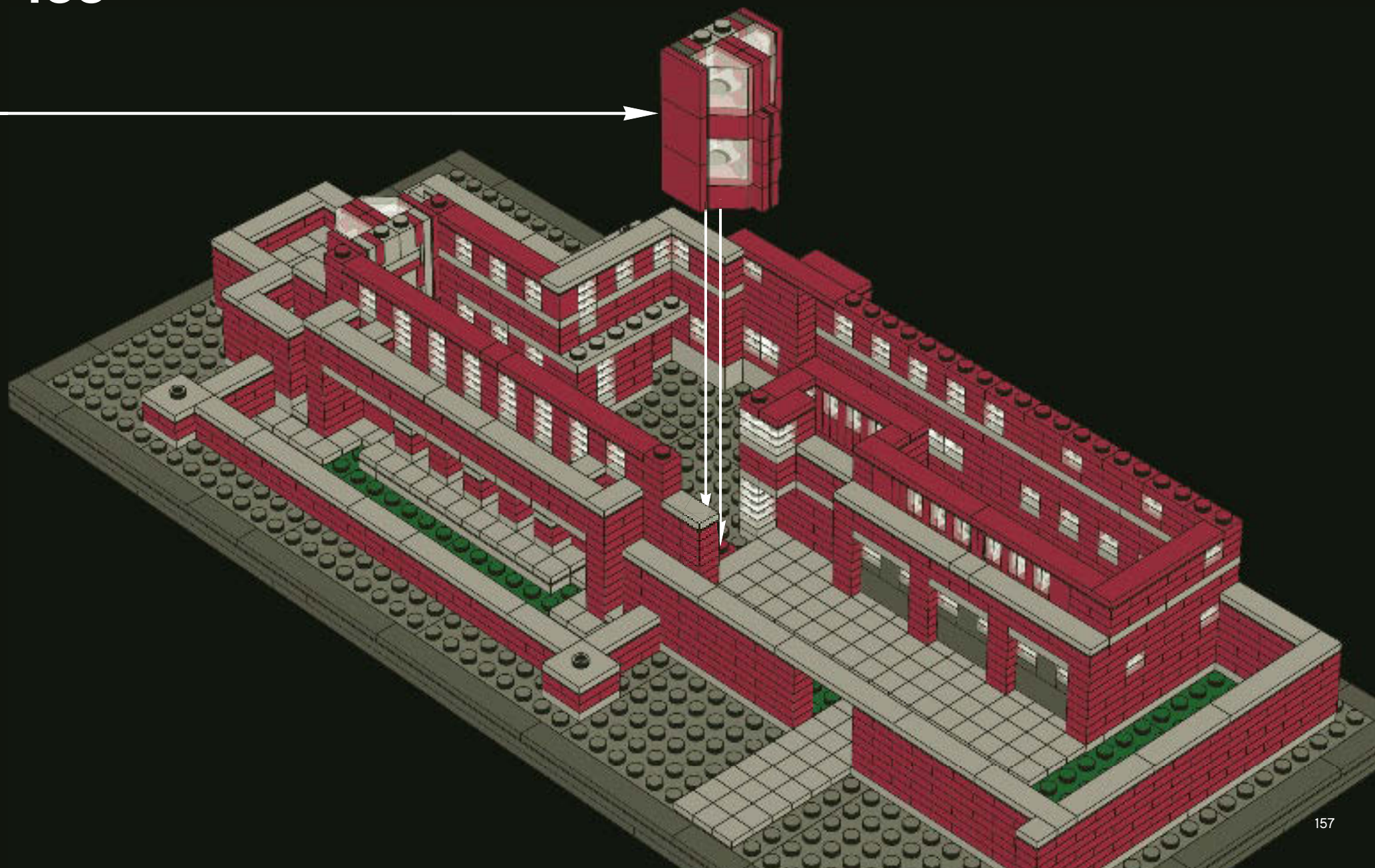




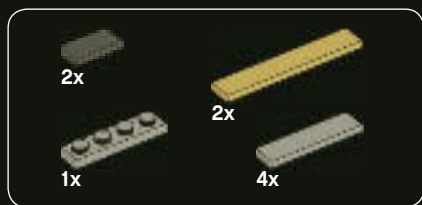
5



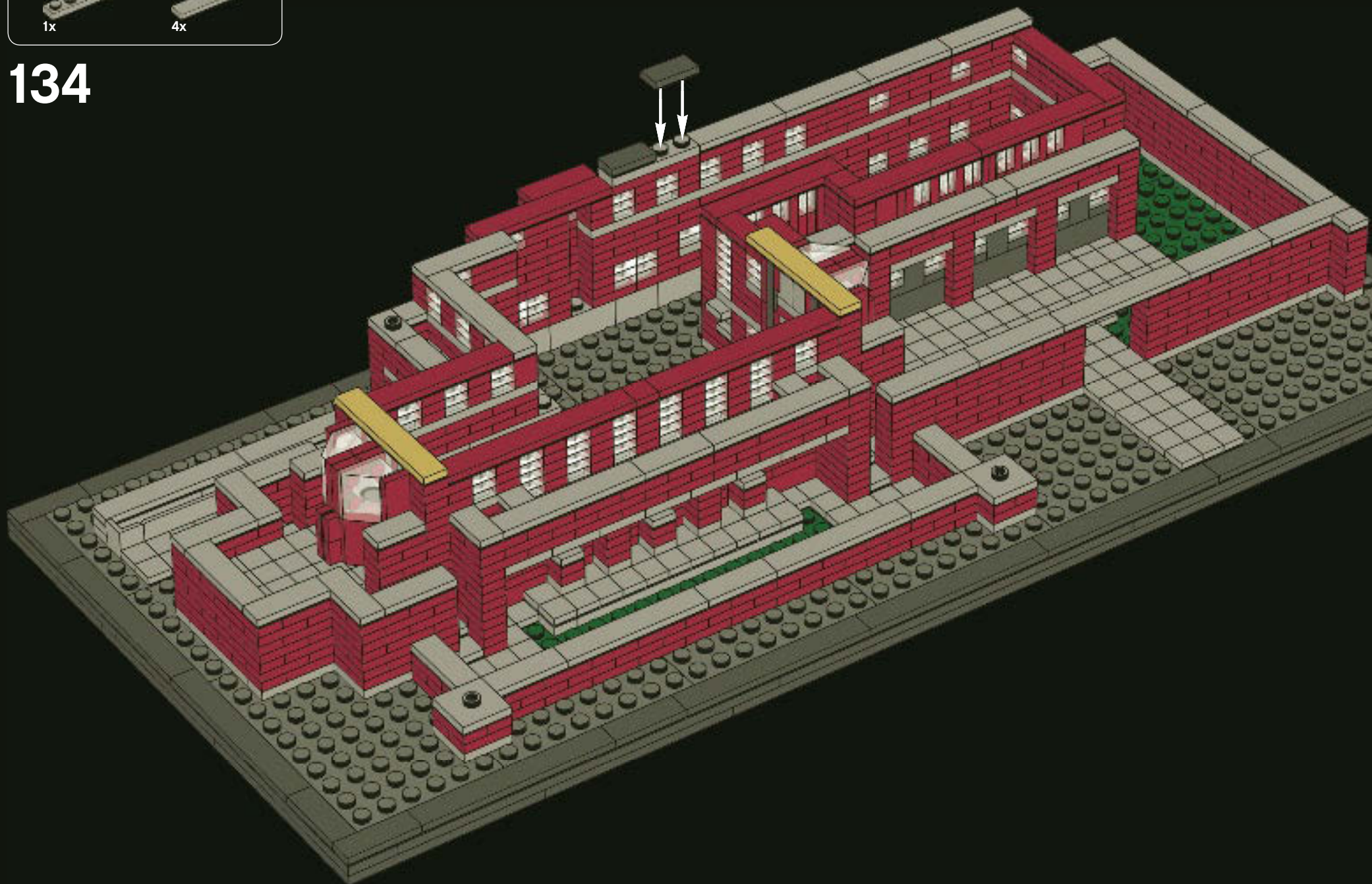
133

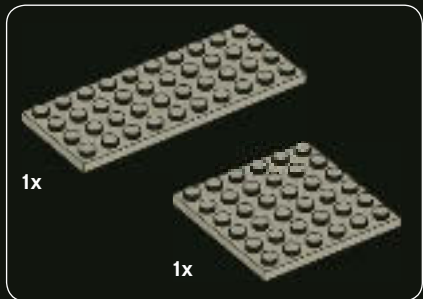




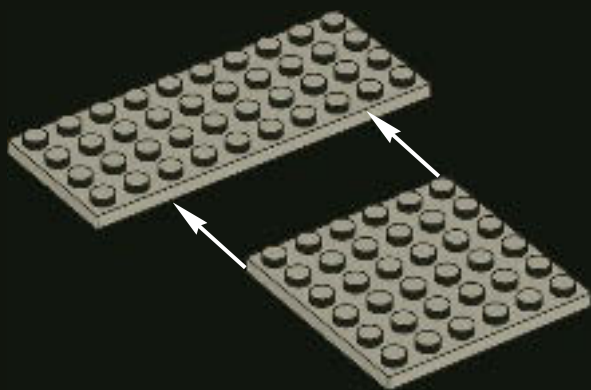


134

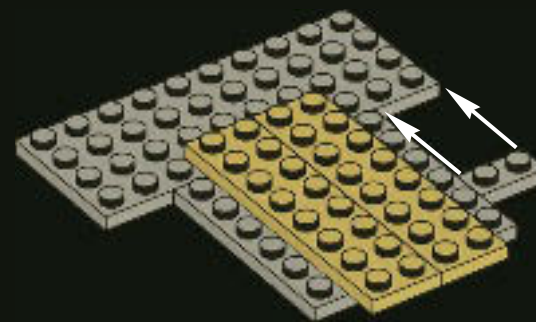




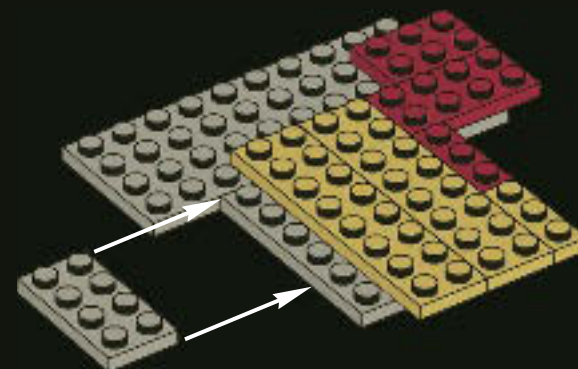
1



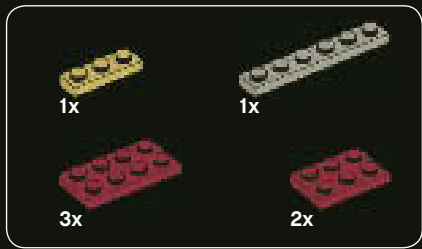
2



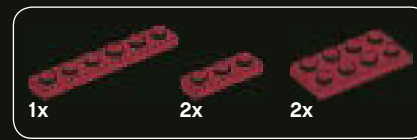
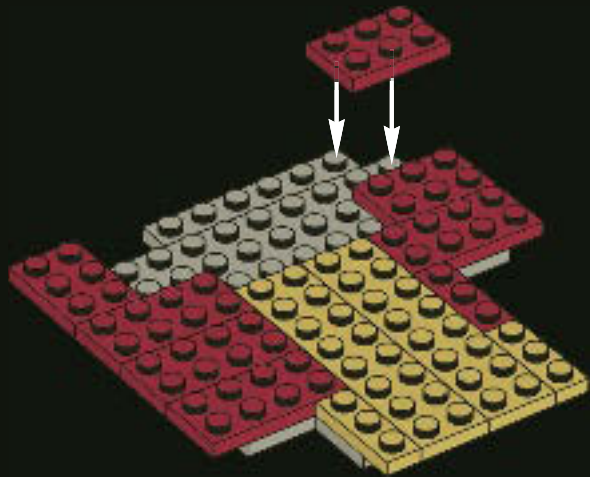
3



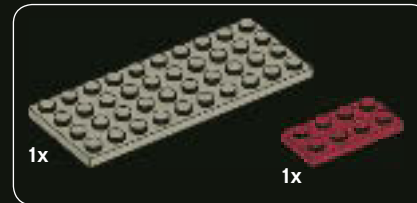
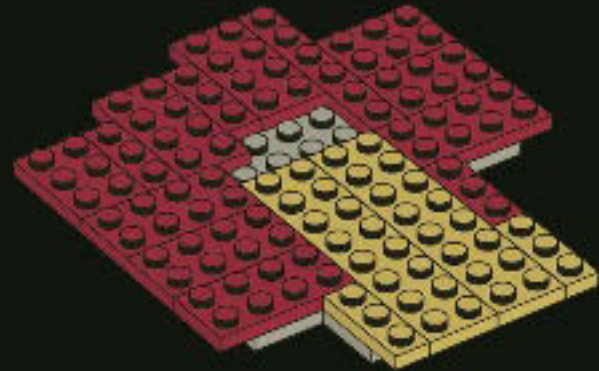




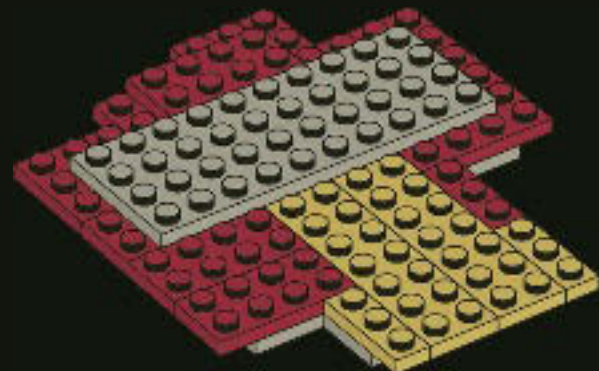
4



5

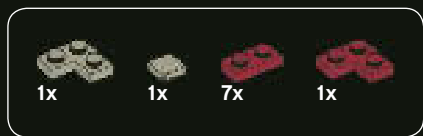
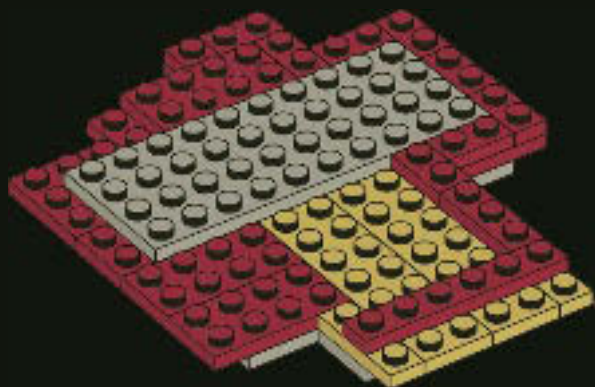


6

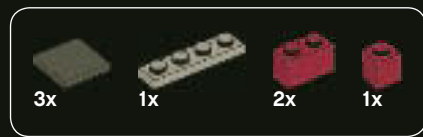
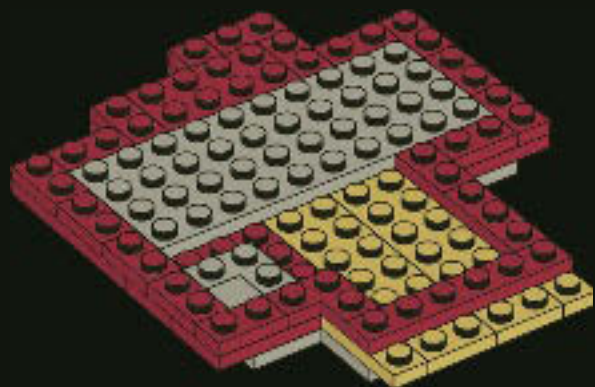




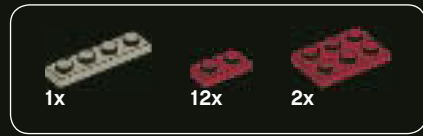
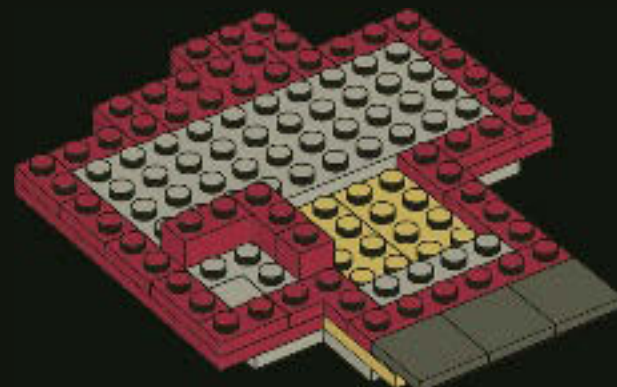
7



8



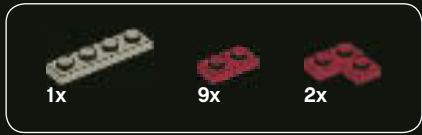
9



10



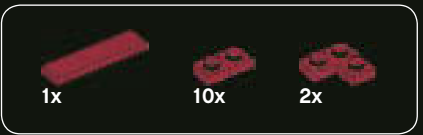
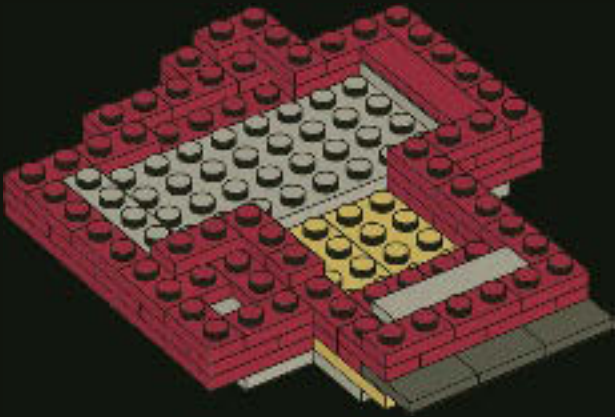




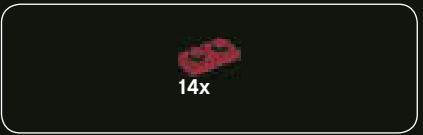
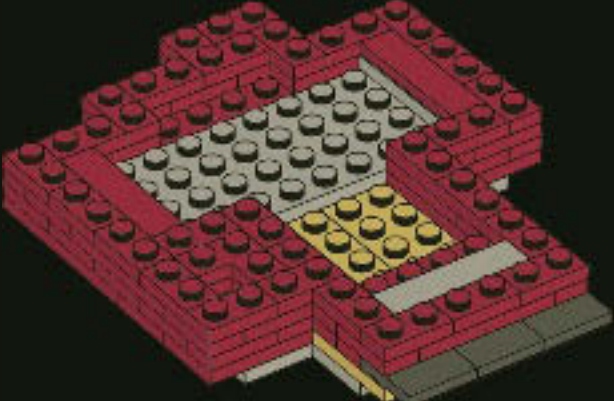
11



12

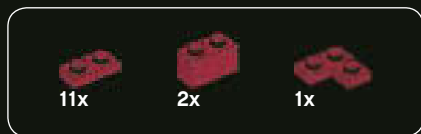


13

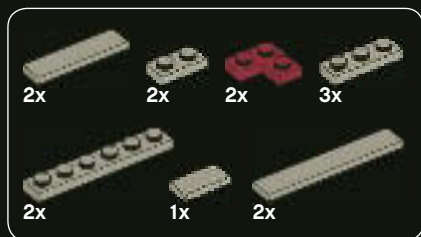
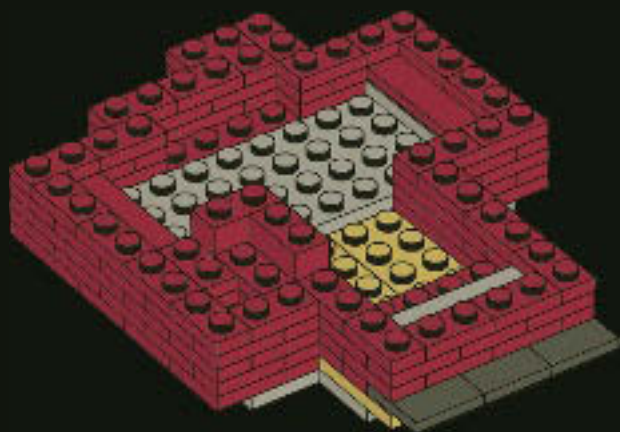


14

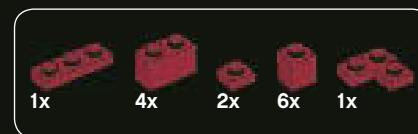
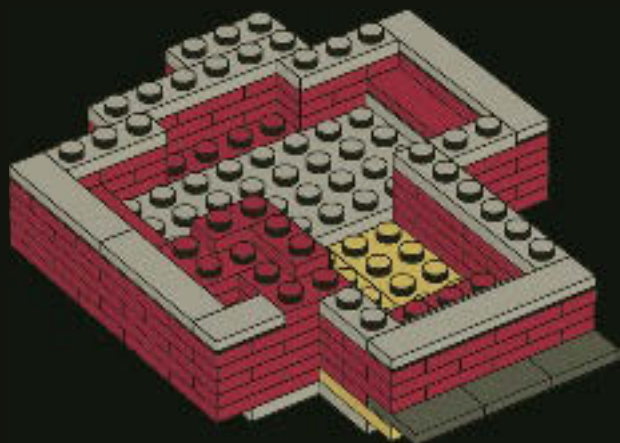




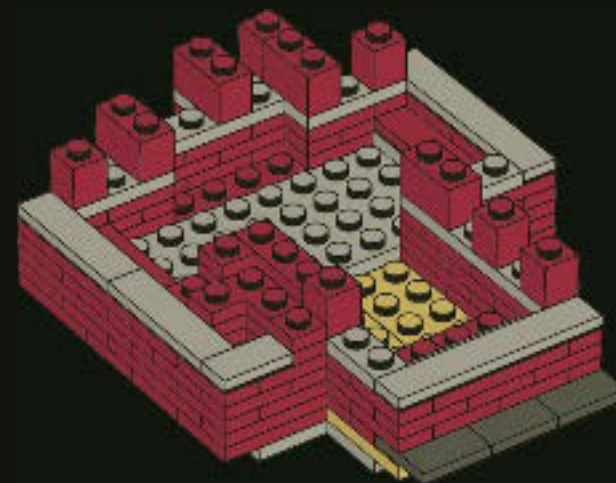
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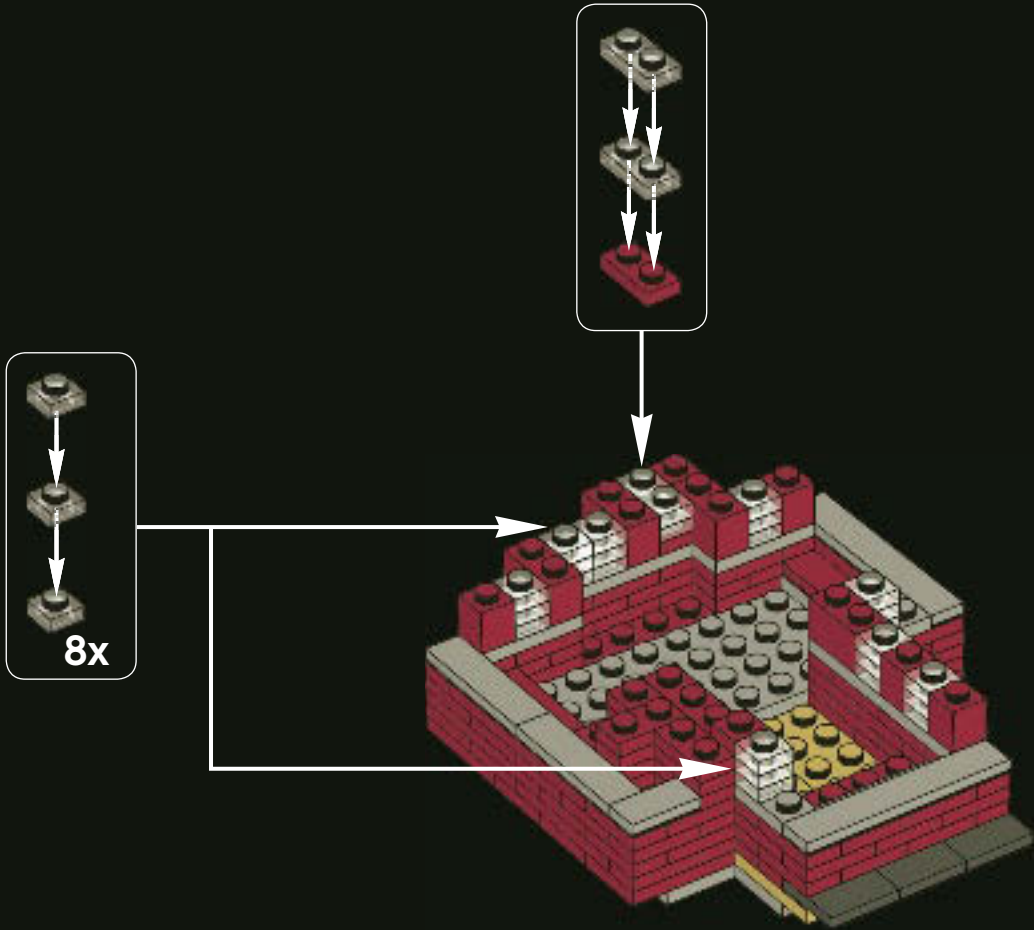


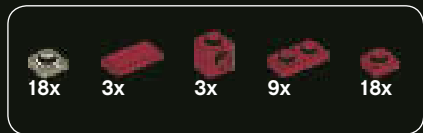
  
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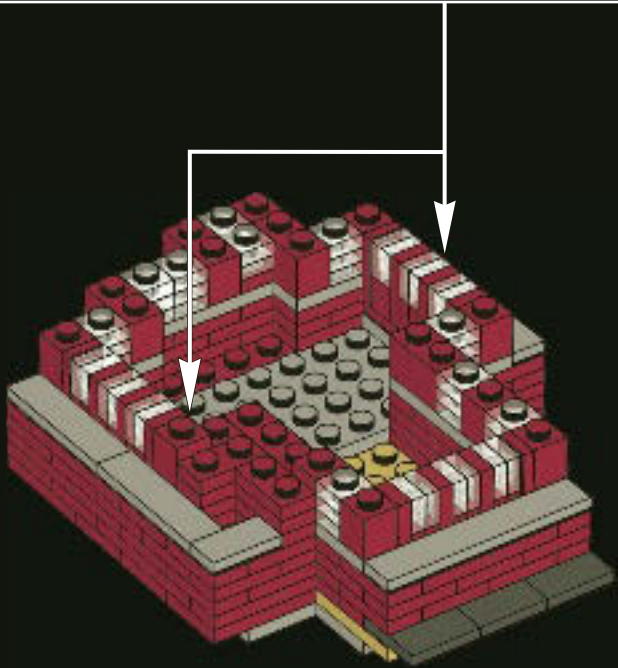
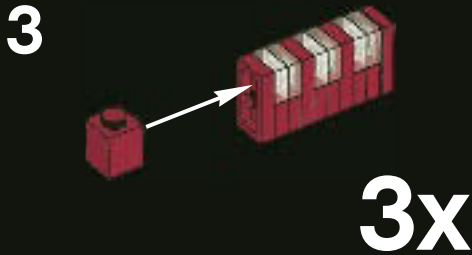
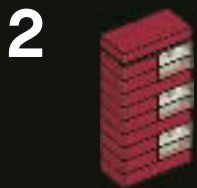
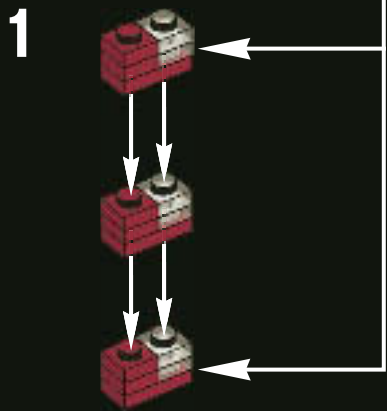
  
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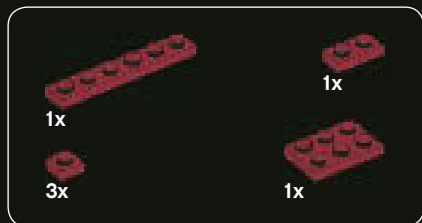




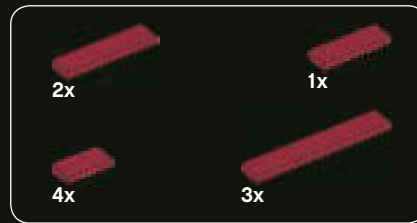
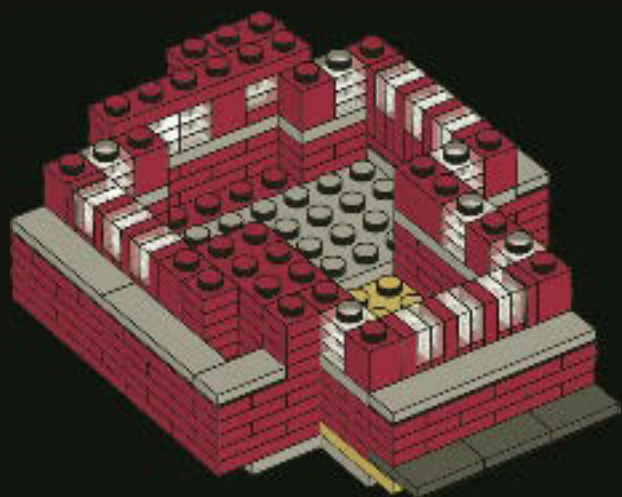
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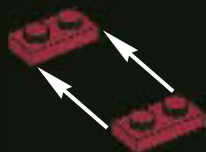


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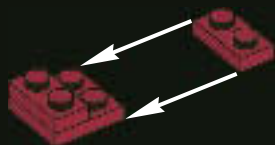
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22

1



2



3



4



5



6



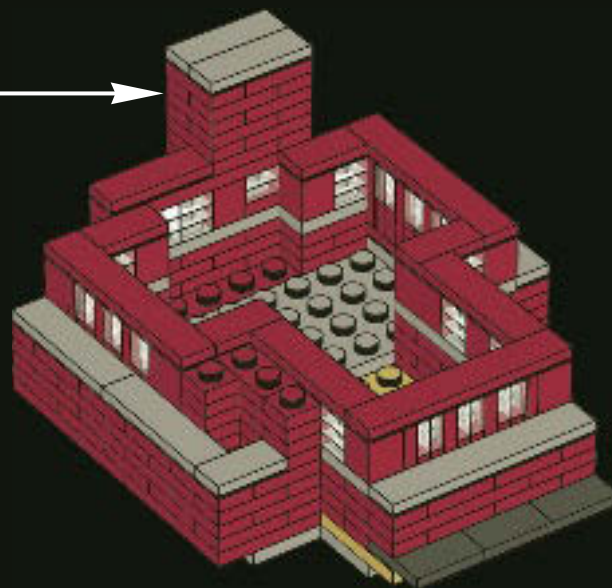
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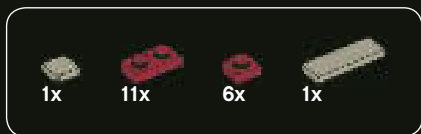


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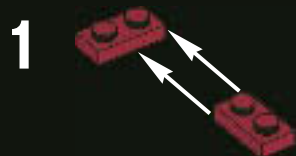




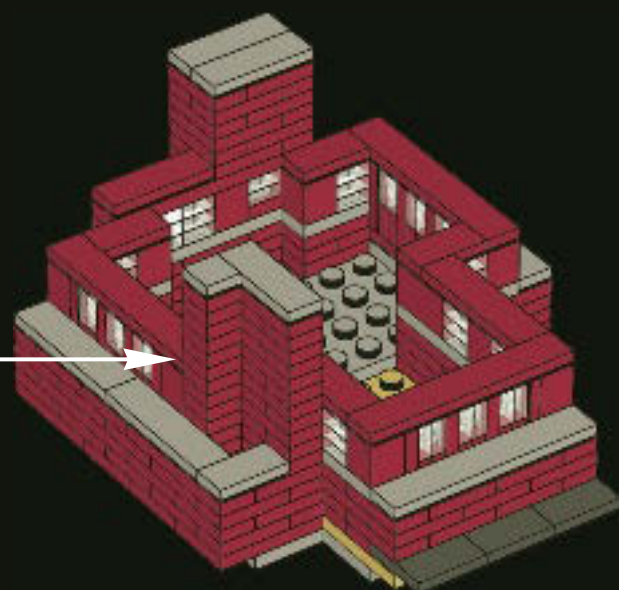




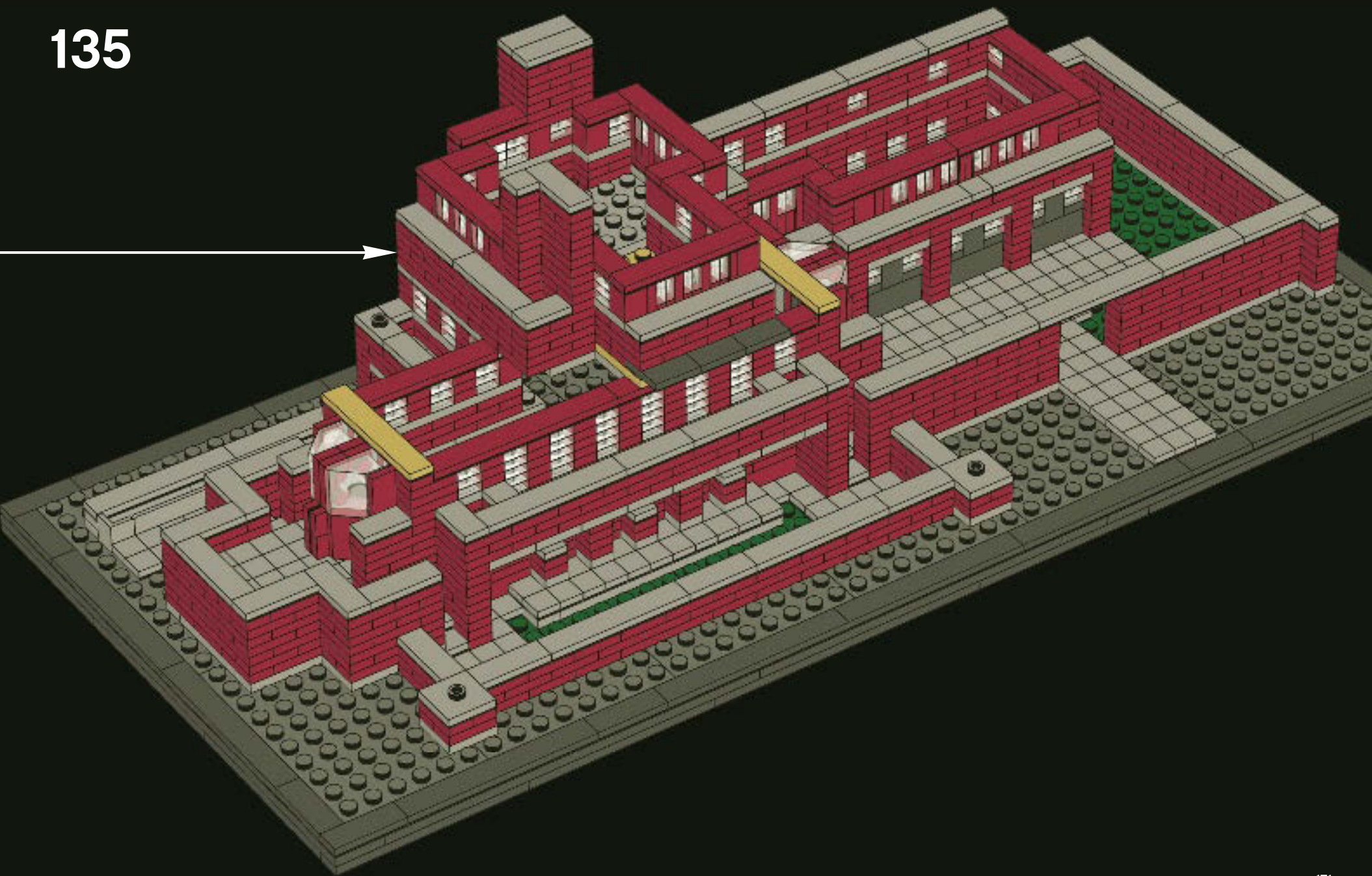
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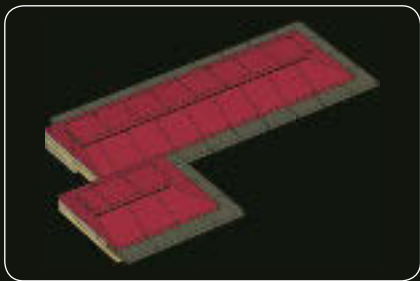




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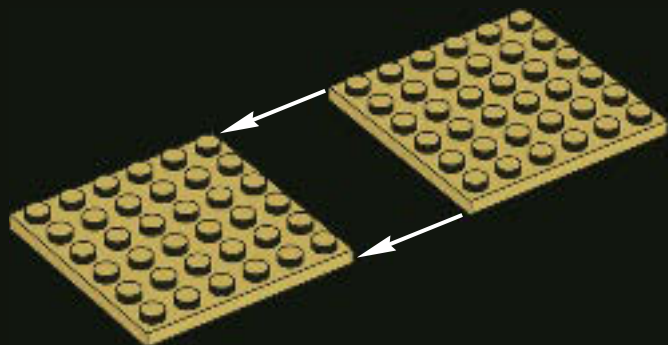






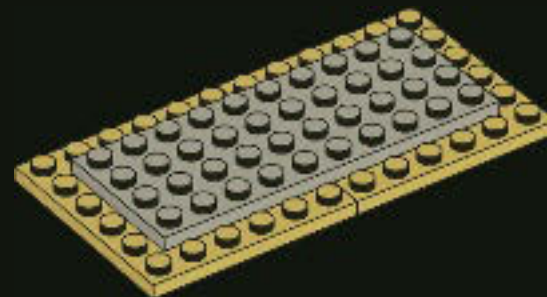
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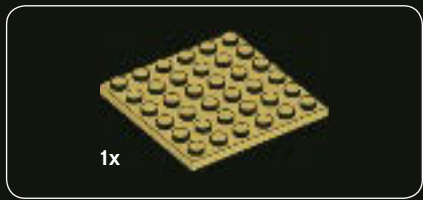
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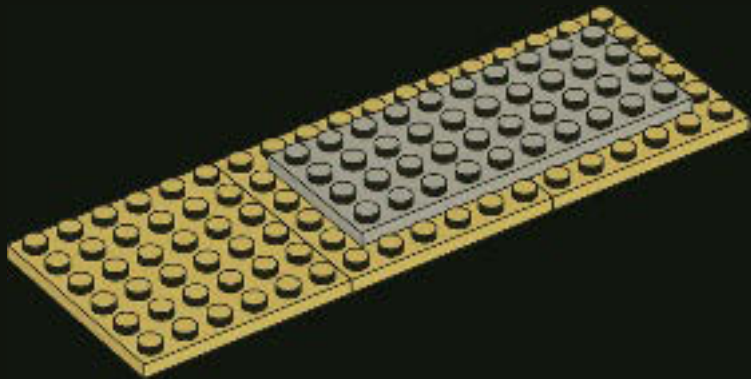
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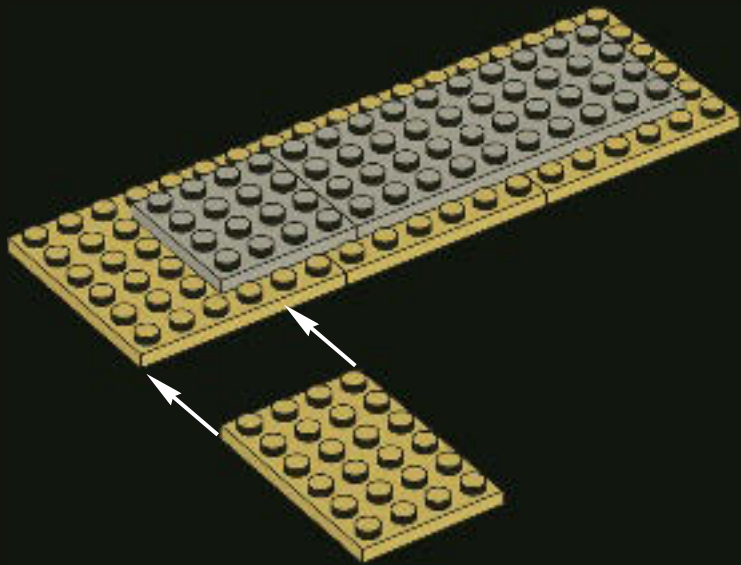




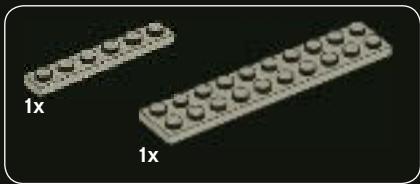
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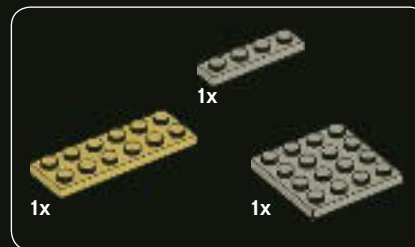
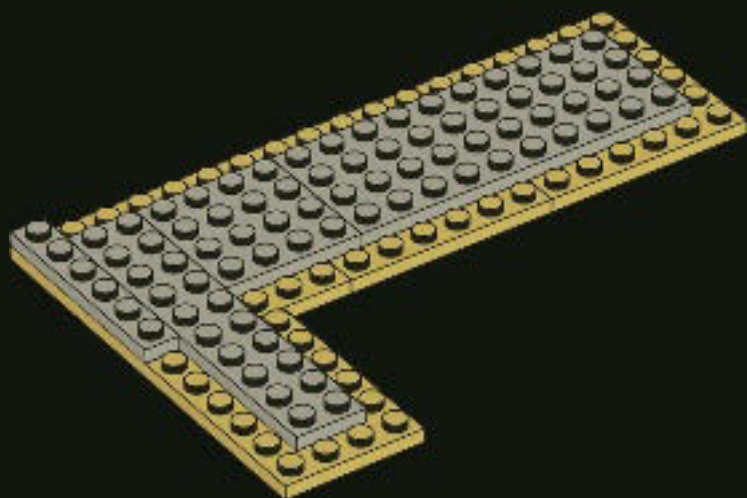
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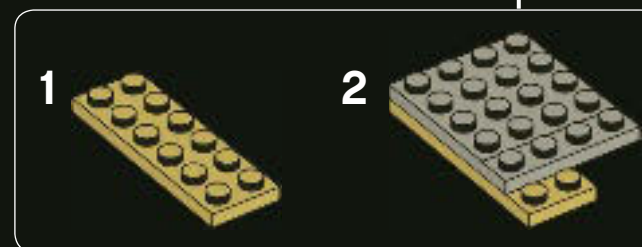
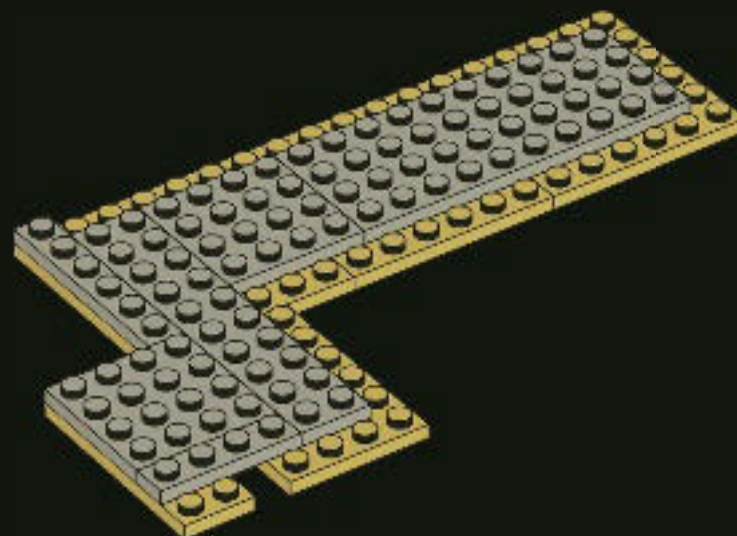




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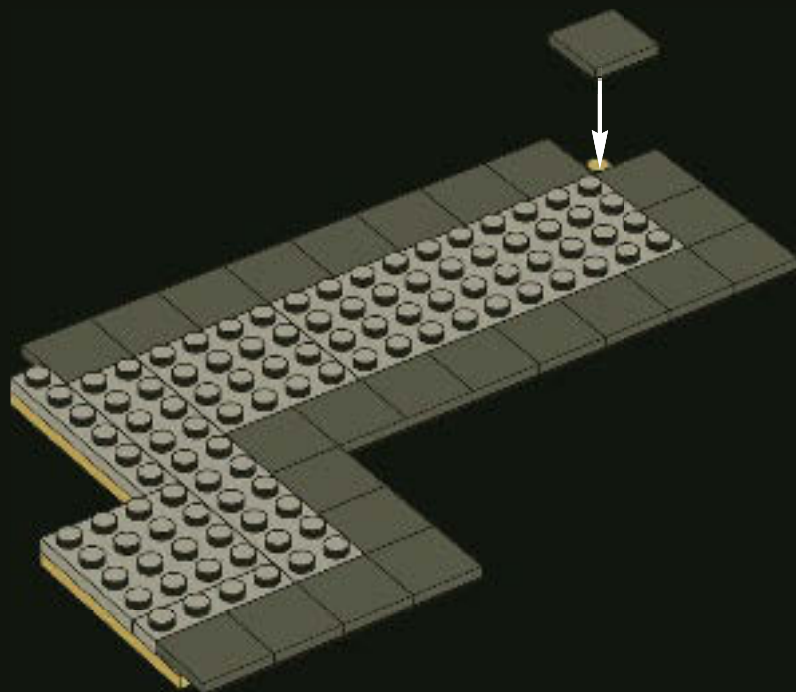


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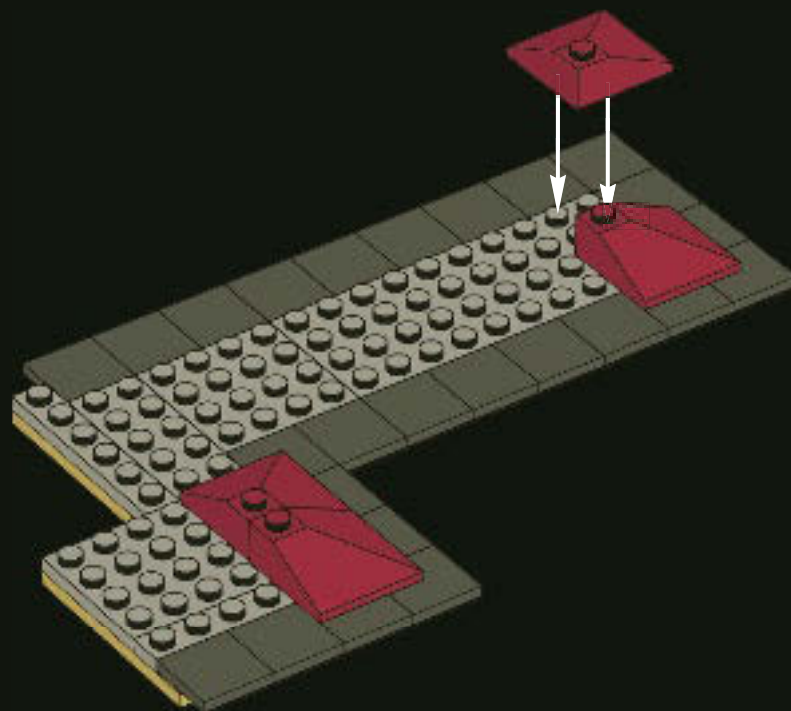
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4x

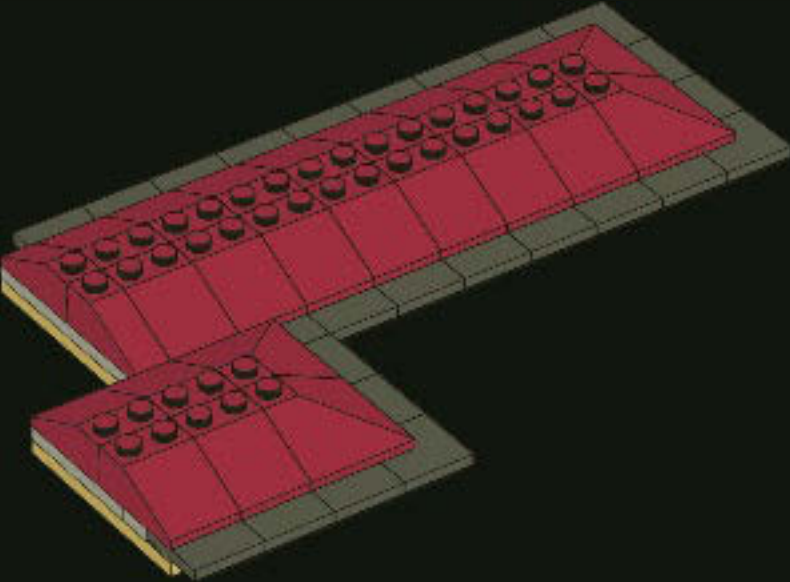
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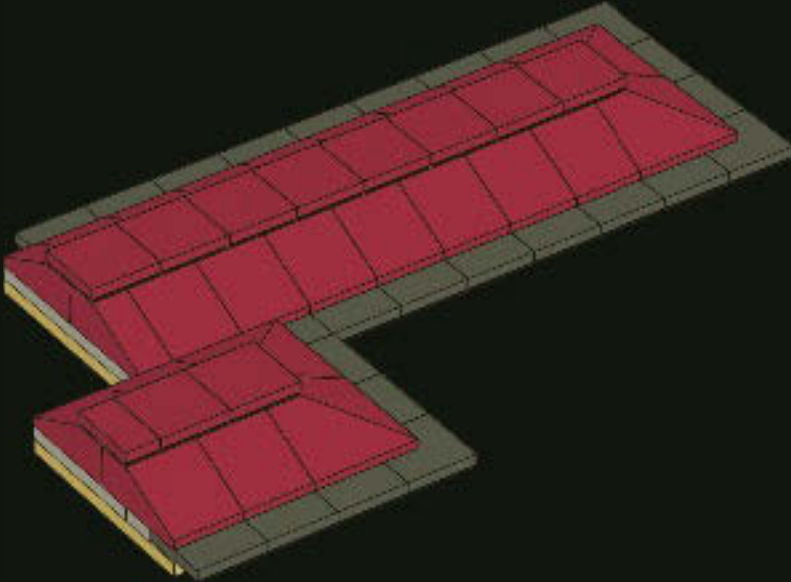




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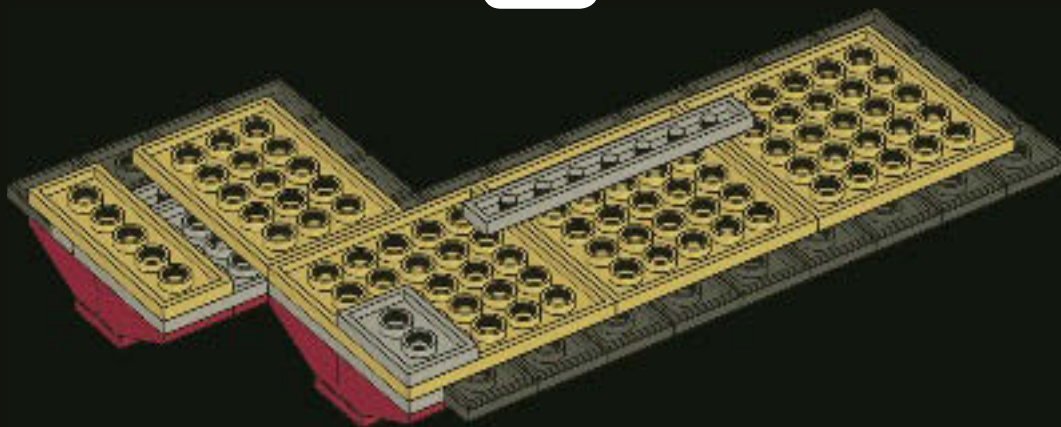


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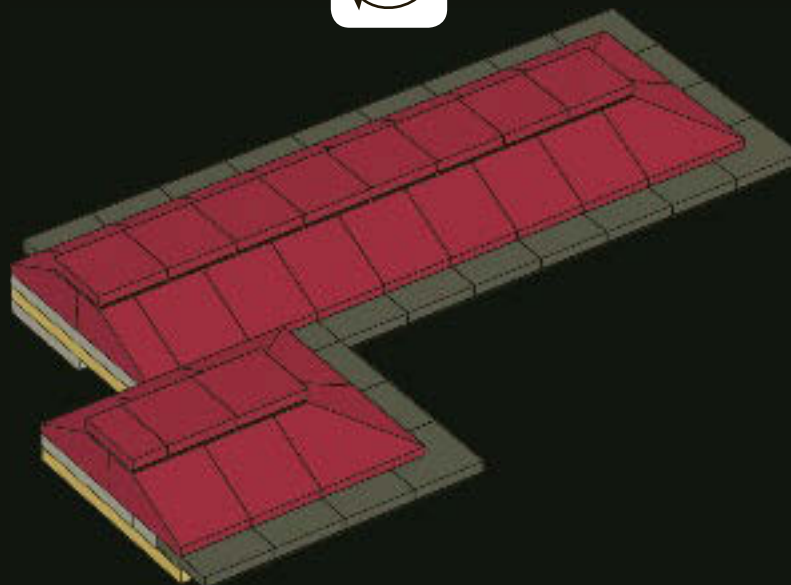




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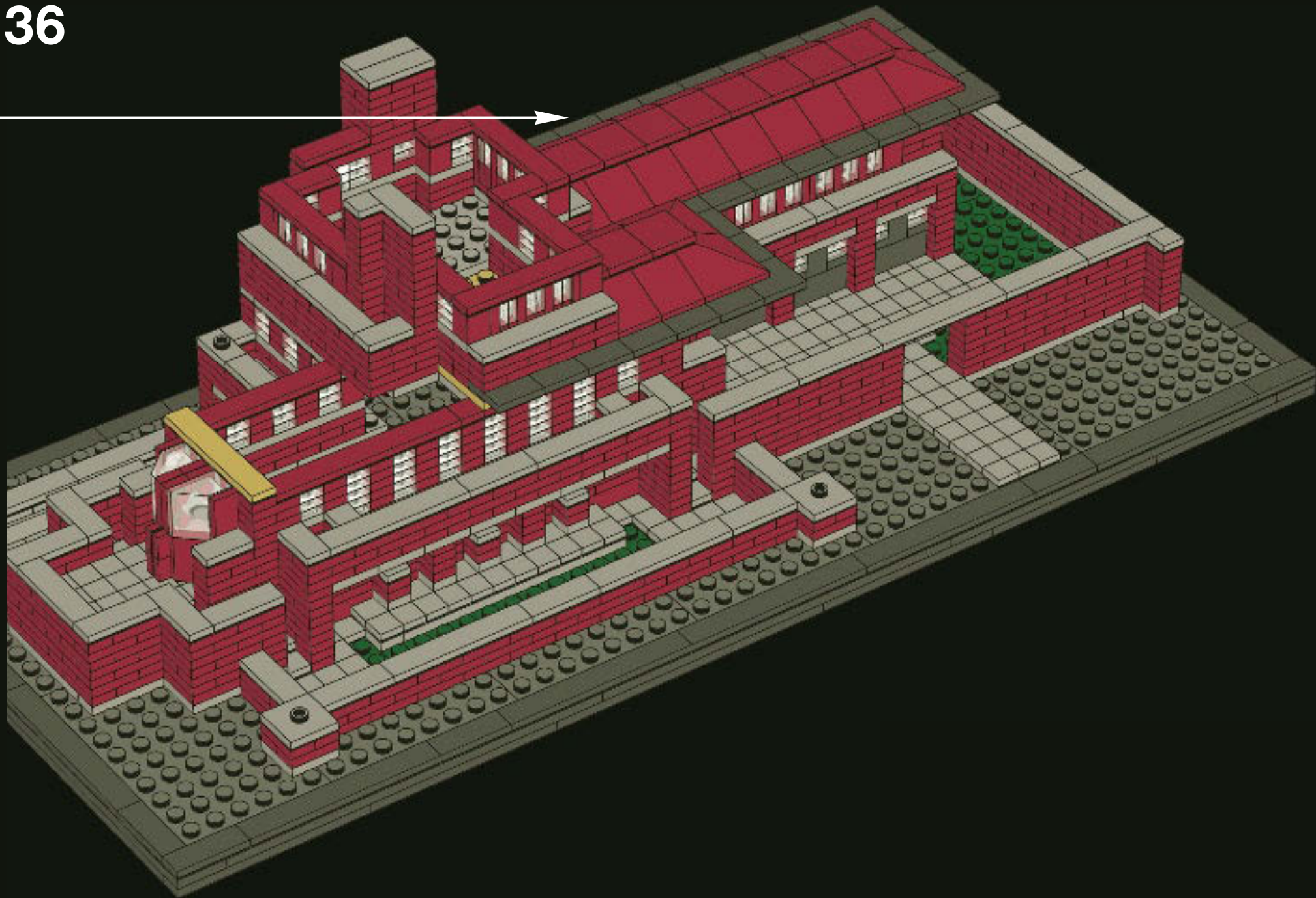


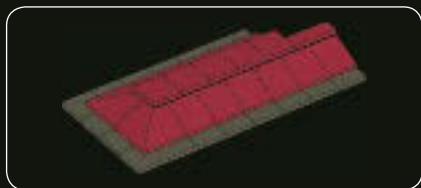
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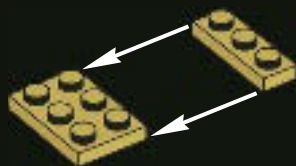


136





1



2



3

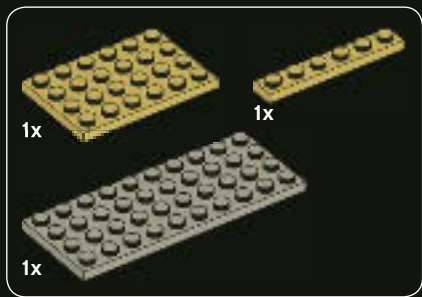


Restoring the roof back to its 1910 appearance was only made possible by the discovery of a small number of original tiles that had been stored in the house's wine cellar. The custom-made reproduction "hip" and "ridge" tiles fit tightly to the planes of the roof deck, as they would have done when the house was first built.

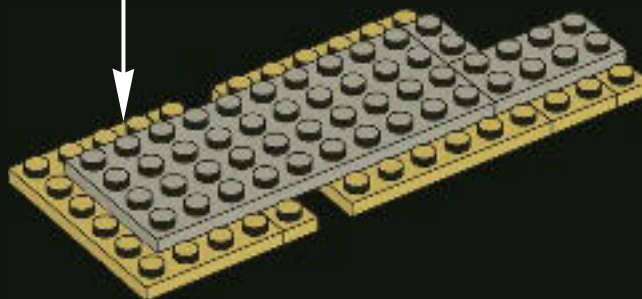
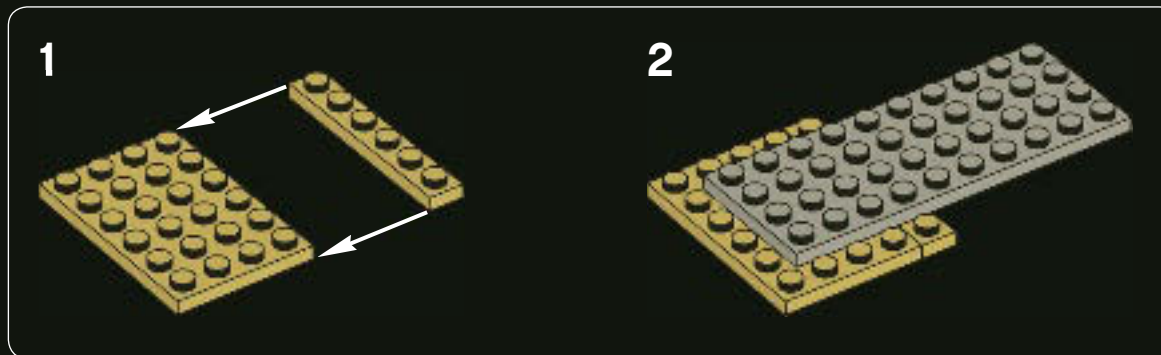


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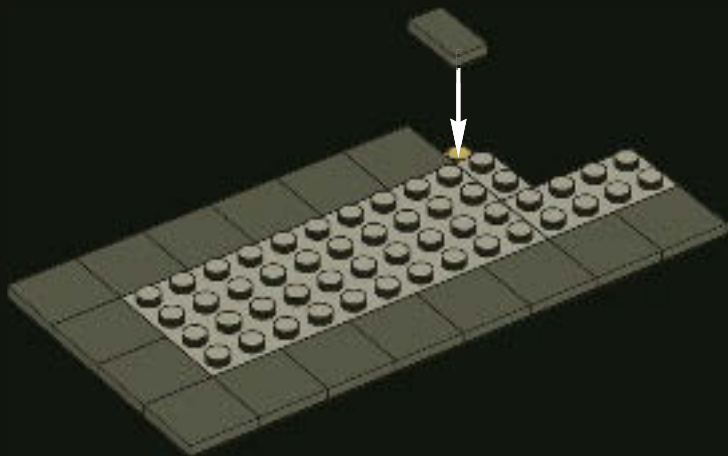


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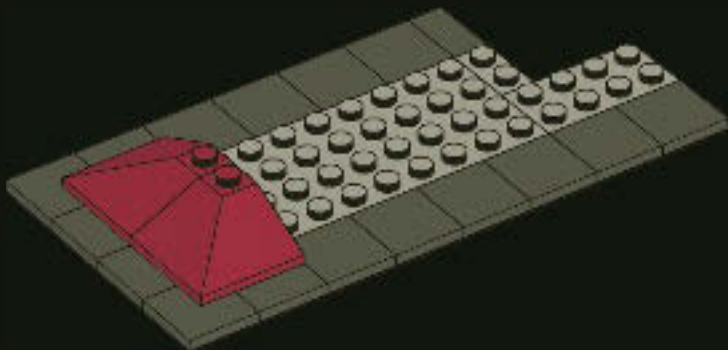




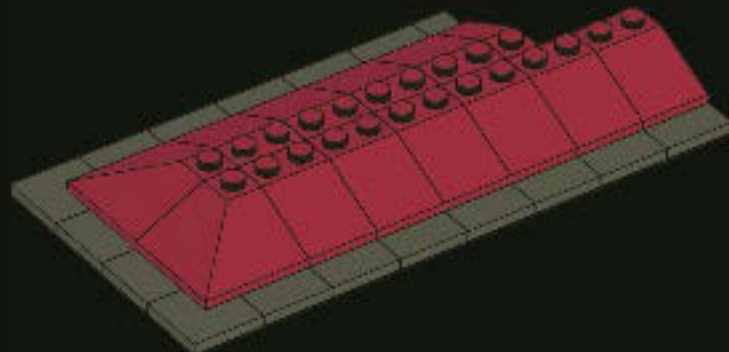
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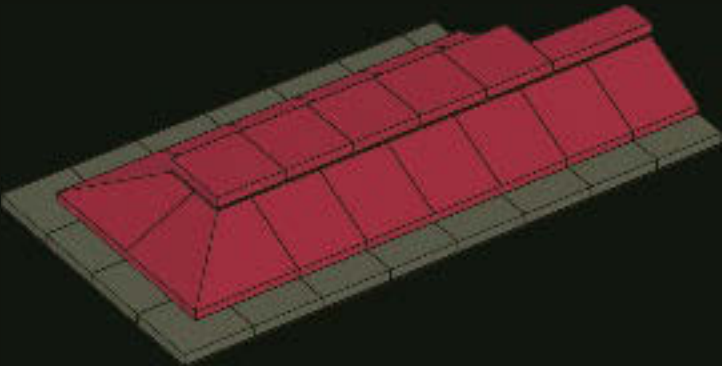
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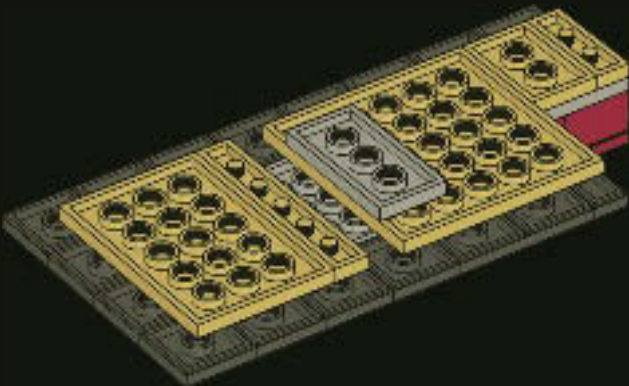




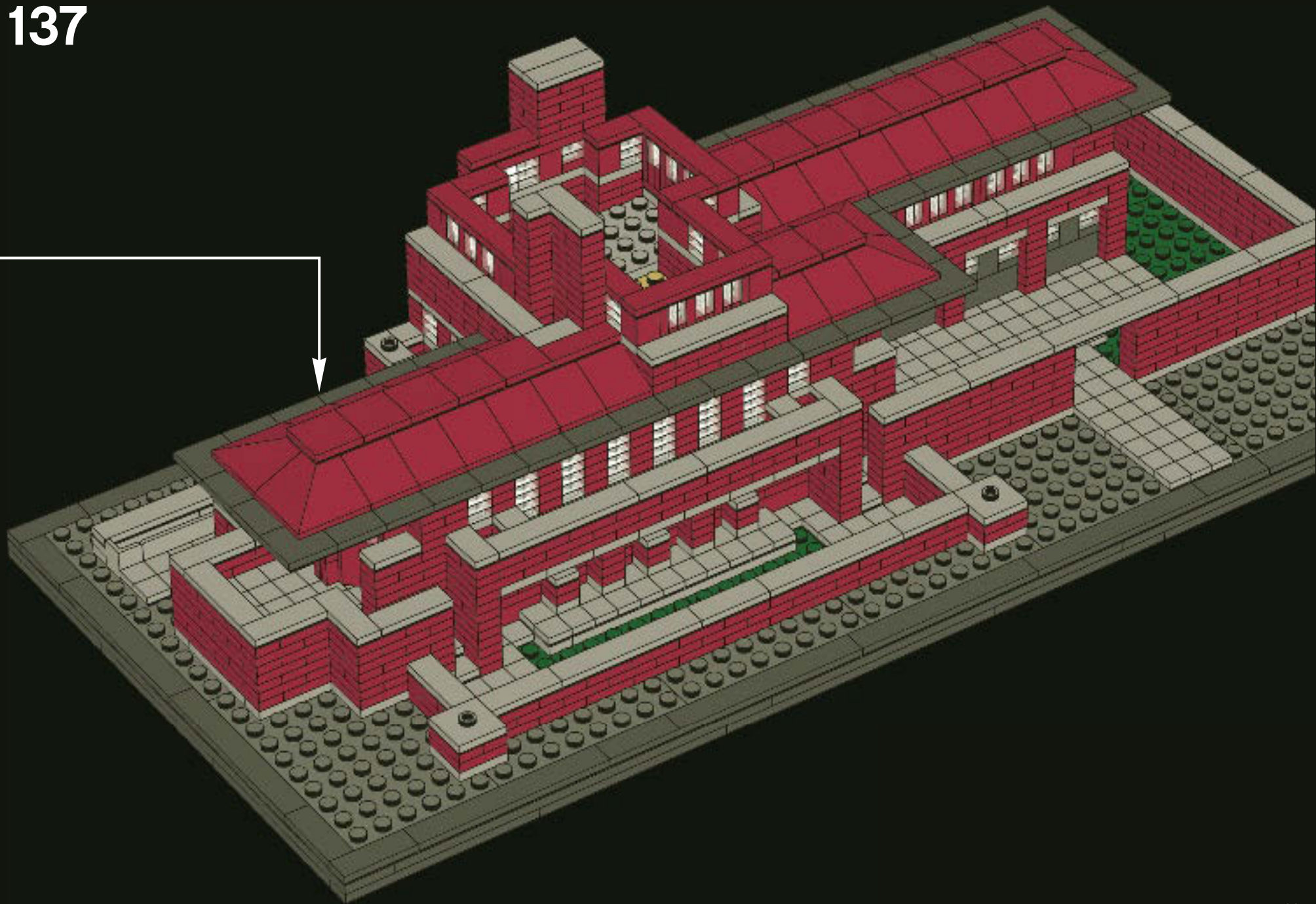
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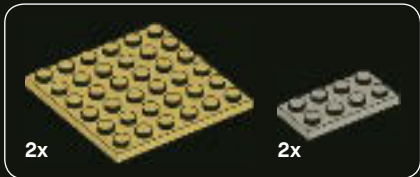
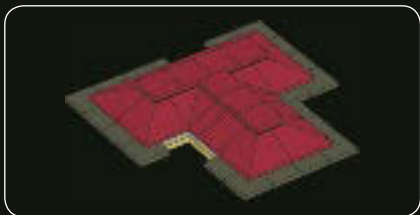
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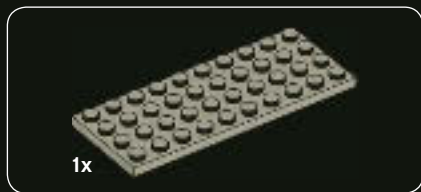
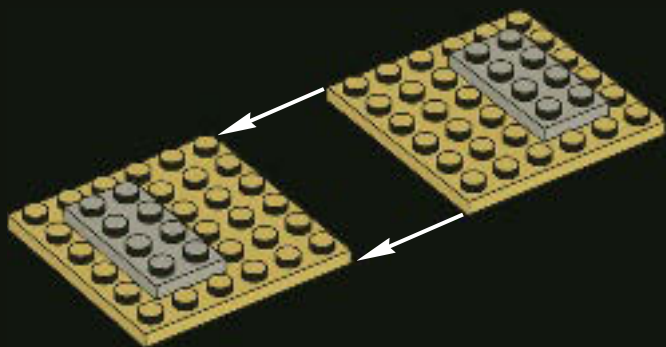
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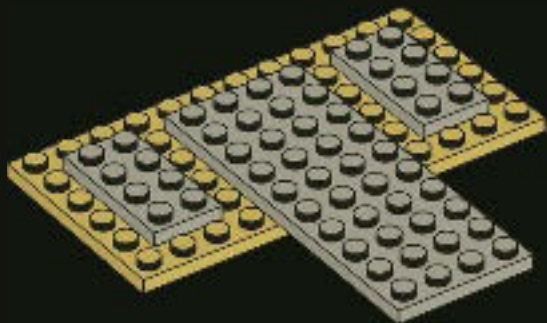




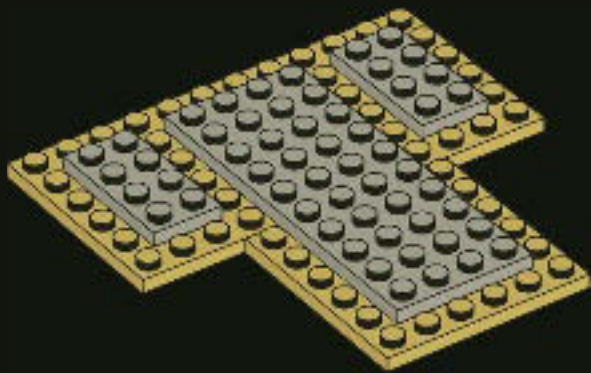
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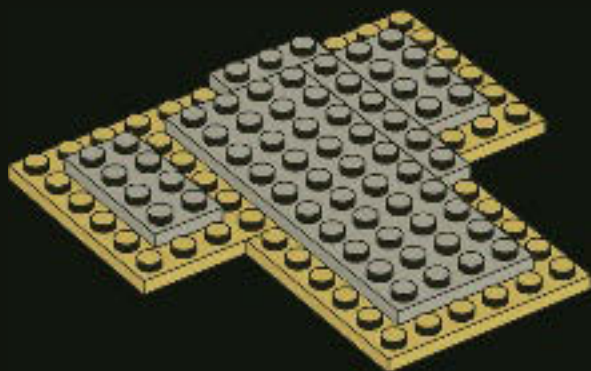


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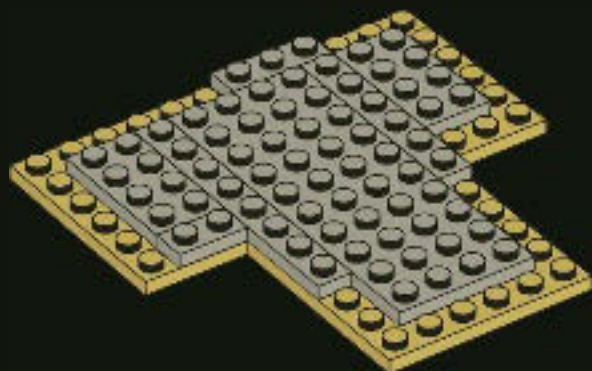




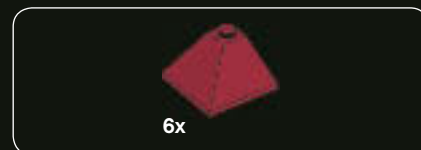
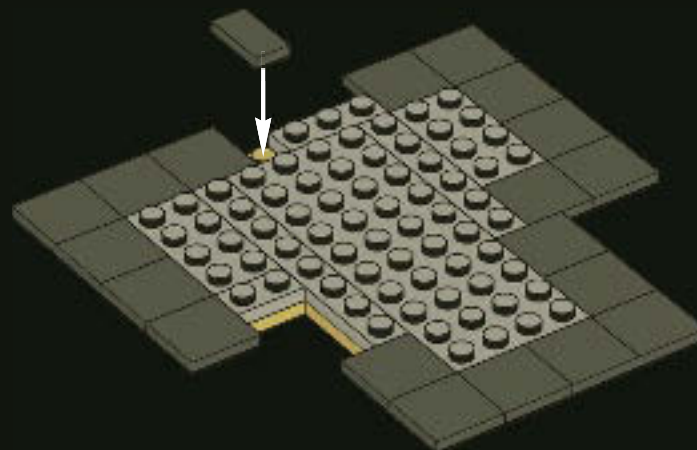
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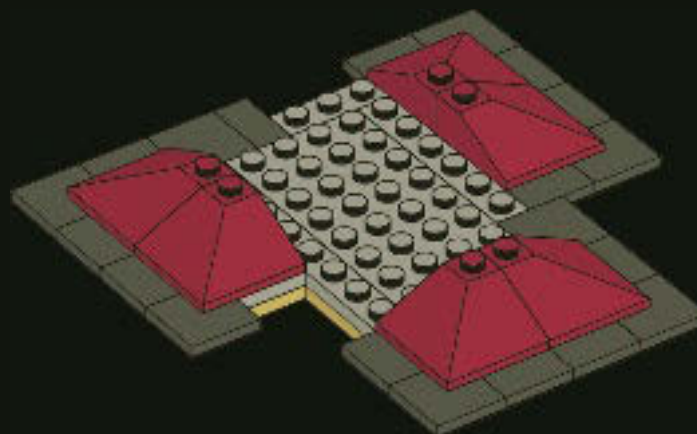
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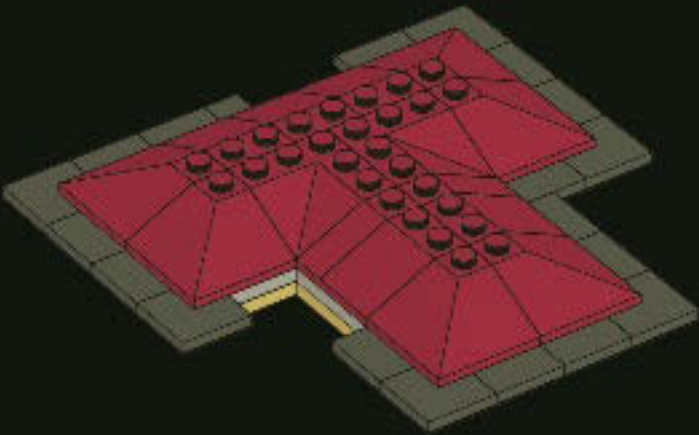
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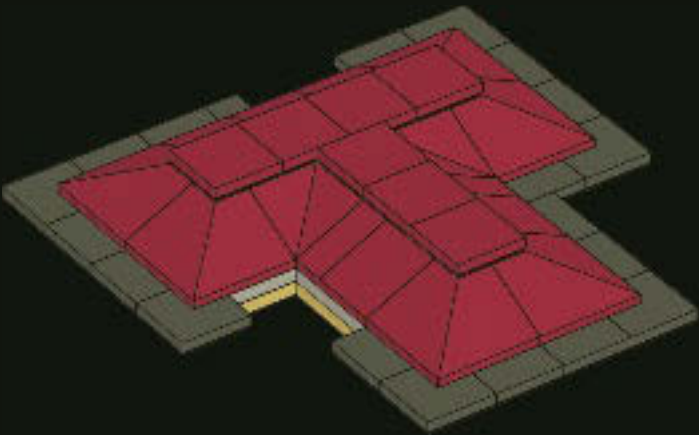




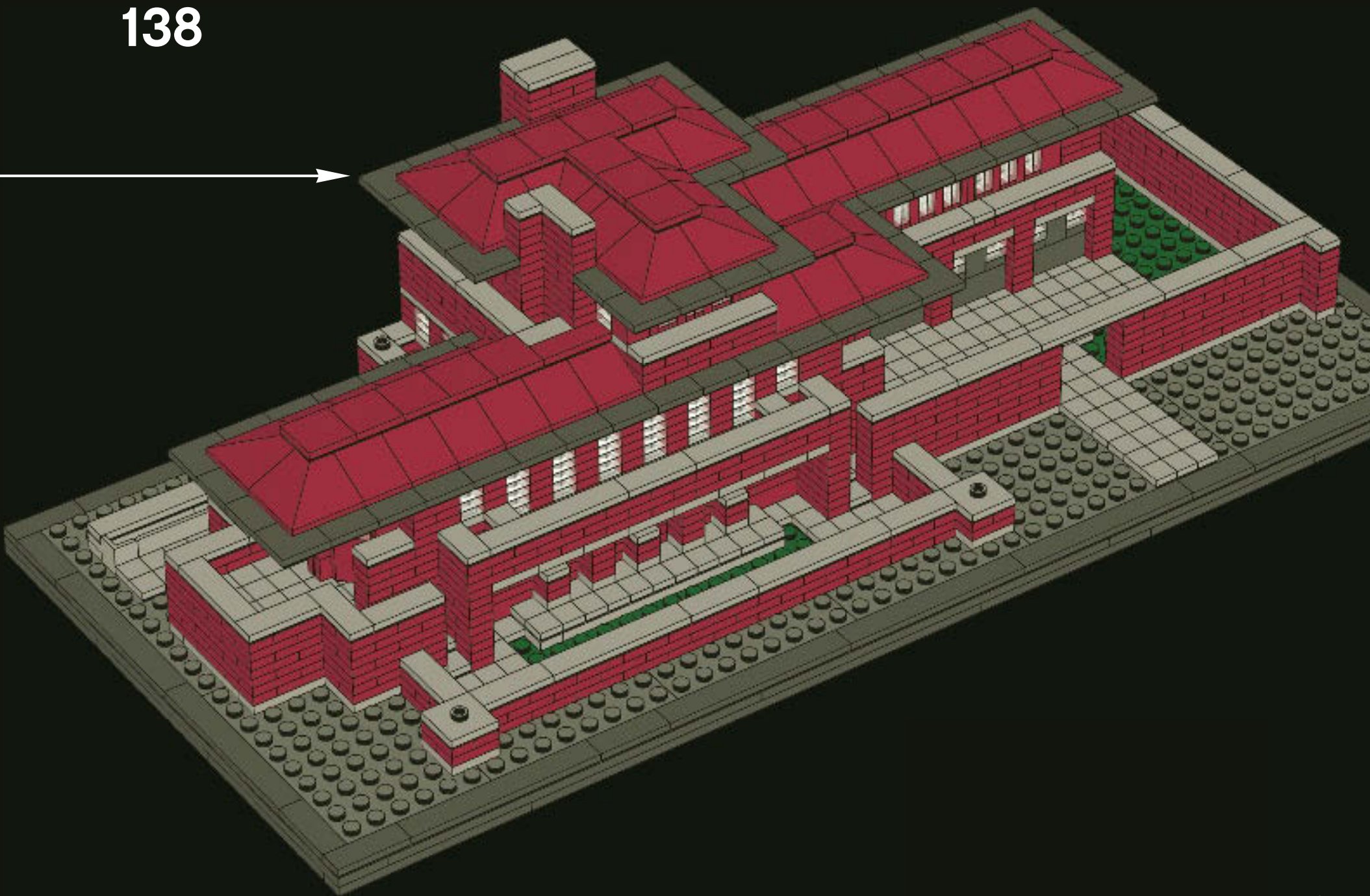
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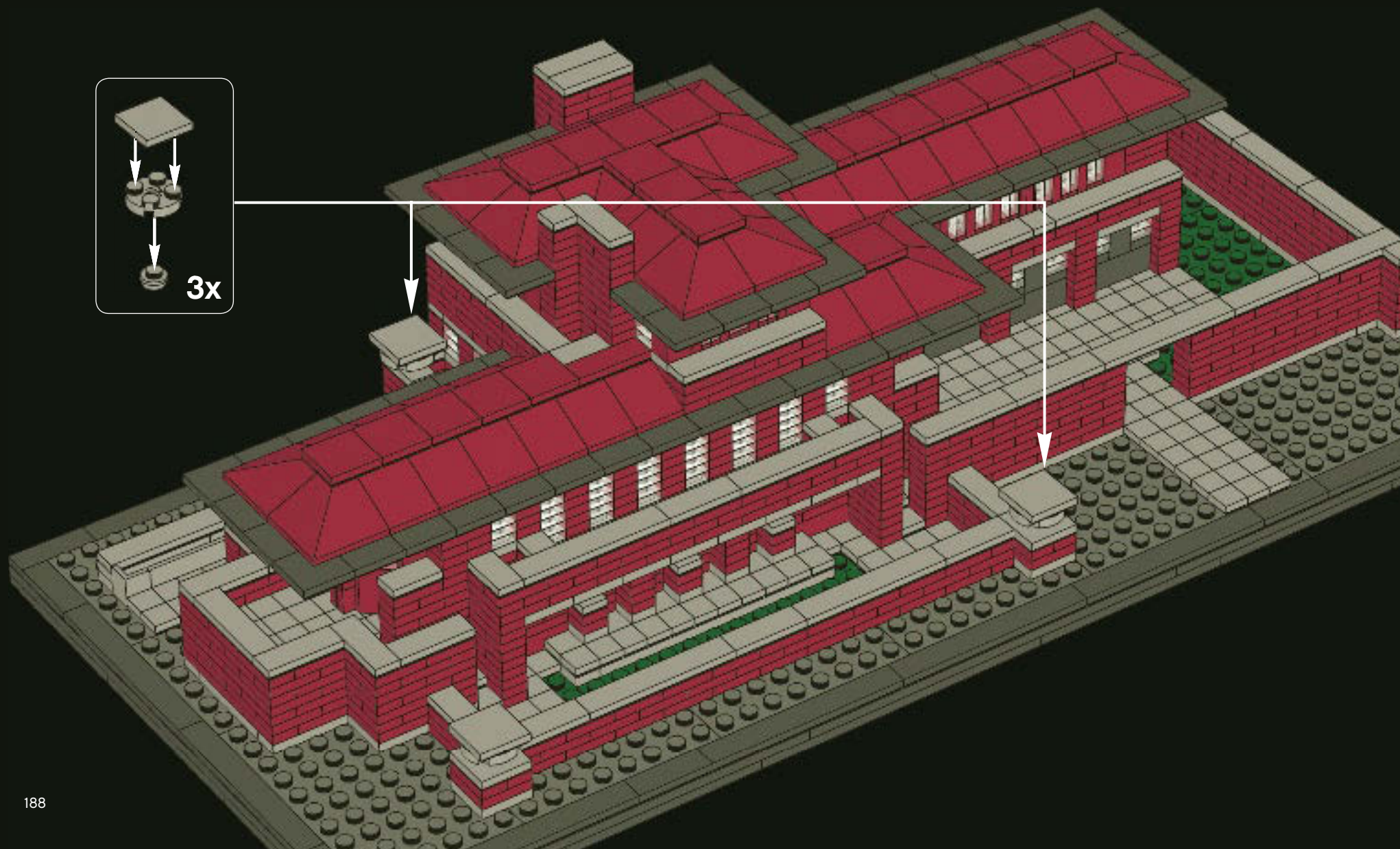
3x

3x

3x

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3x







2x



2x

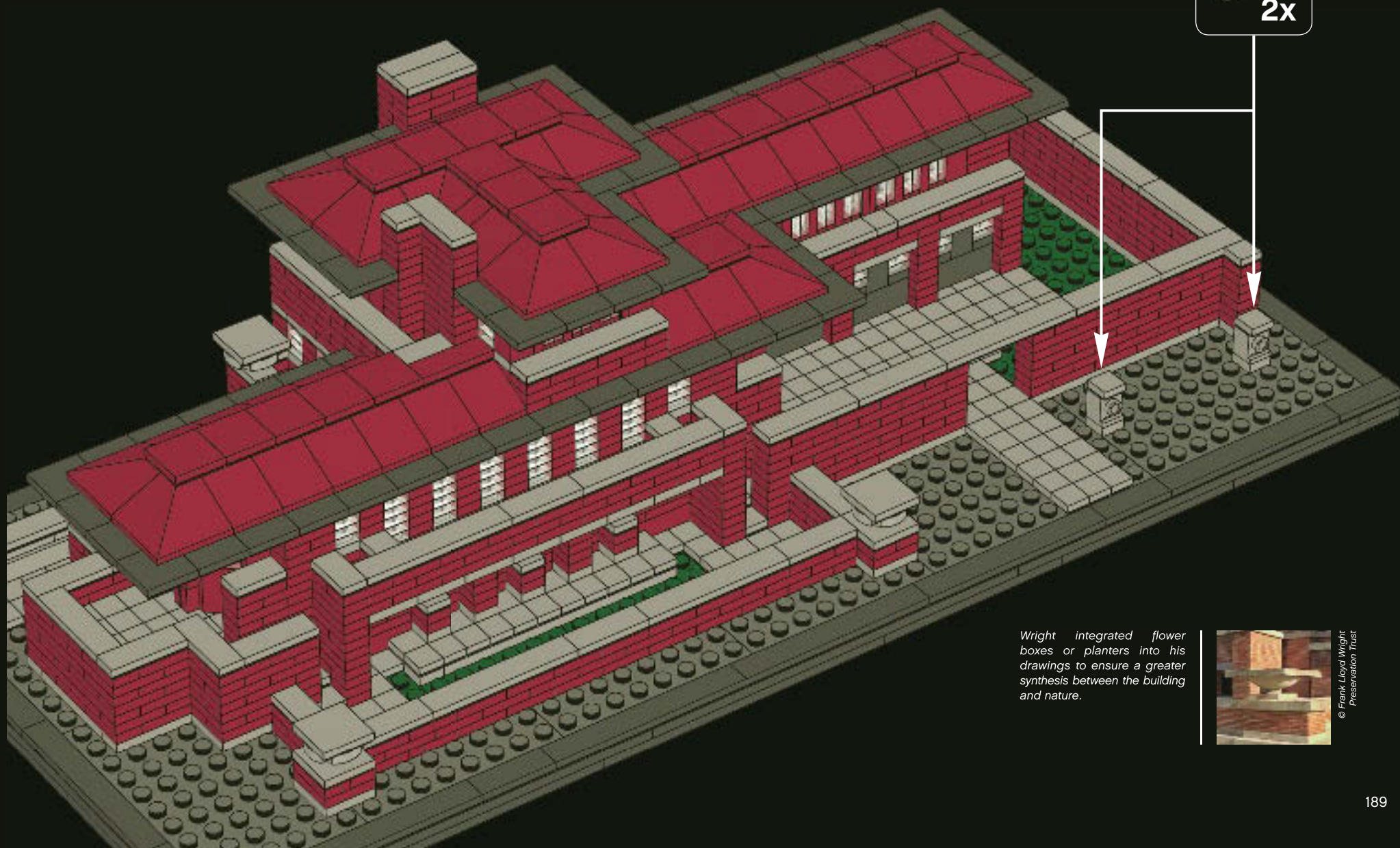


2x

# 140



2x



*Wright integrated flower boxes or planters into his drawings to ensure a greater synthesis between the building and nature.*

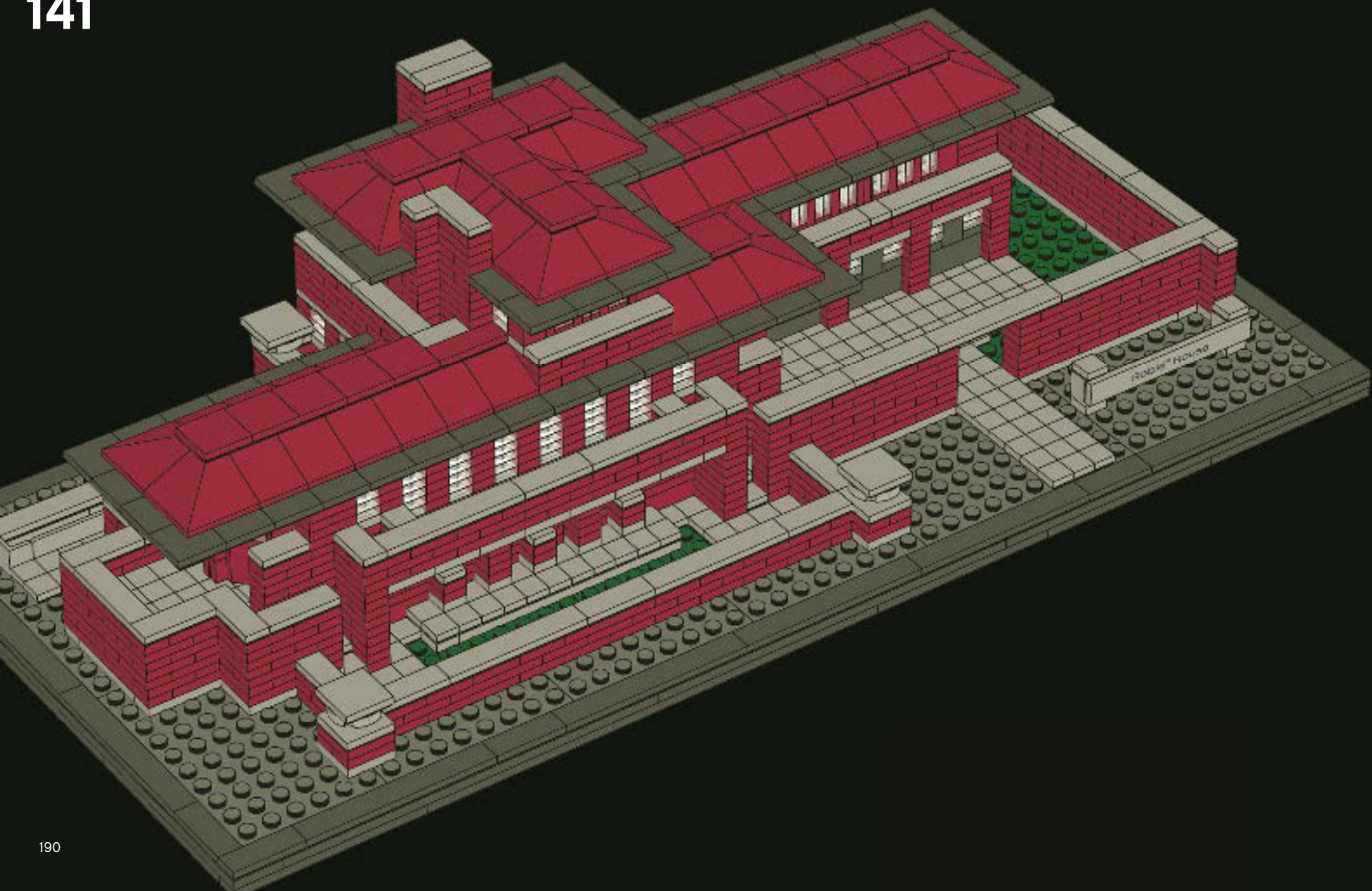


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1x 4210998	2x 4157277	2x 303226	3x 4539062	4x 4541526	7x 4211388	2x 4243797
6x 4210997	1x 4118790	10x 346026	9x 4650865	60x 4585751	6x 4211353	13x 4211549
2x 4211067	3x 4121921	15x 416226	7x 4539071	13x 4539090	3x 4211397	6x 4211438
10x 4211114	6x 622740	2x 303426	5x 4539060	771x 4539097	2x 4565393	4x 4211393
4x 302301	245x 3000840	4x 303526	2x 4651936	12x 4539063	3x 4211413	2x 4211404
1x 362301	5x 4167842	2x 4514845	12x 4600461	6x 4651677	16x 4558169	1x 4211474
2x 301001	11x 302426	3x 244526	33x 4569379	10x 4541376	12x 4211429	1x 4653629
1x 611201	4x 300526	17x 428226	5x 4650862	2x 4550169	2x 4211428	13x 4211425
2x 4114001	9x 379426	1x 4505051	6x 4541510	268x 4539114	1x 4211386	4x 4211462
2x 4113988	4x 306926	7x 4549214	3x 4583299	3x 4211525	5x 4211396	5x 4211402
7x 4125217	63x 306826	2x 4539083	12x 4539076	33x 4211399	18x 4211356	
1x 4113993	12x 4558170	4x 4541528	2x 4609925	235x 4211415	28x 4211445	
1x 4124067	3x 362226		32x 4539105	12x 4211476	3x 4211769	
	1x 302026		11x 4539102	2x 4215513	20x 4211395	
	2x 366626			3x 4211475		
	3x 379526			16x 4211451		
				18x 4211398		
				6x 4211414		



## A Word from the Artist

As an architectural Artist my desire is to capture the essence of a particular architectural landmark into its pure sculptural form. I first and foremost do not view my models as literal replicas, but rather my own artistic interpretations through the use of LEGO® bricks as a medium. The LEGO brick is not initially thought of as a material typically used in creating art or used as an artist's medium. I quickly discovered the LEGO brick was lending itself as naturally to my applications as paint to a painter or metal to a blacksmith. As I explore how to capture these buildings with the basic shapes of the bricks and plates, I find the possibilities and challenges they offer almost magical.

### Robie™ House

Our third architecturally significant home, after Fallingwater and Farnsworth, the Robie™ House sets itself apart as being the largest, most detailed set in the LEGO Architecture line to date. This model has been nearly 3 years in the making; starting back in 2008 this structure was originally being considered alongside Fallingwater and a few other Wright masterpieces. Due to the complex forms, specific architectural proportions and subtle accents it became evident that an accurate representation would take some time to develop.

The entire model is based on the 33-degree LEGO roof slope element. One of the most identifiable characteristics of the structure is its shallow roof pitch, lending to the strong expressive horizontality. This one piece would establish the scale and thus the level of detail. Some of the details required sideways construction to achieve upper window placements and the iconic vertical wedge-shaped points found at each end. Other notable details include the use of 1x2 plates to show the texture of the brick façade and its coursing wrapping the entire home and the sunken courtyard highlighted by 1x1 tile steps.

Lastly, this model was originally and intentionally left open inside so that a flameless tea light or small battery-powered light bulb could be used to illuminate the 88 windows from within.



– Adam Reed Tucker



## The 'Scale Model' line—LEGO® Architecture in the 1960s

The history of current LEGO® Architecture series can be traced back to the beginning of the 1960s when the LEGO brick's popularity was still steadily increasing. Godtfred Kirk Christiansen, the then owner of the company, began looking for ways to further expand the LEGO system, and asked his designers to come up with a set of new components that would add a new dimension to LEGO building.

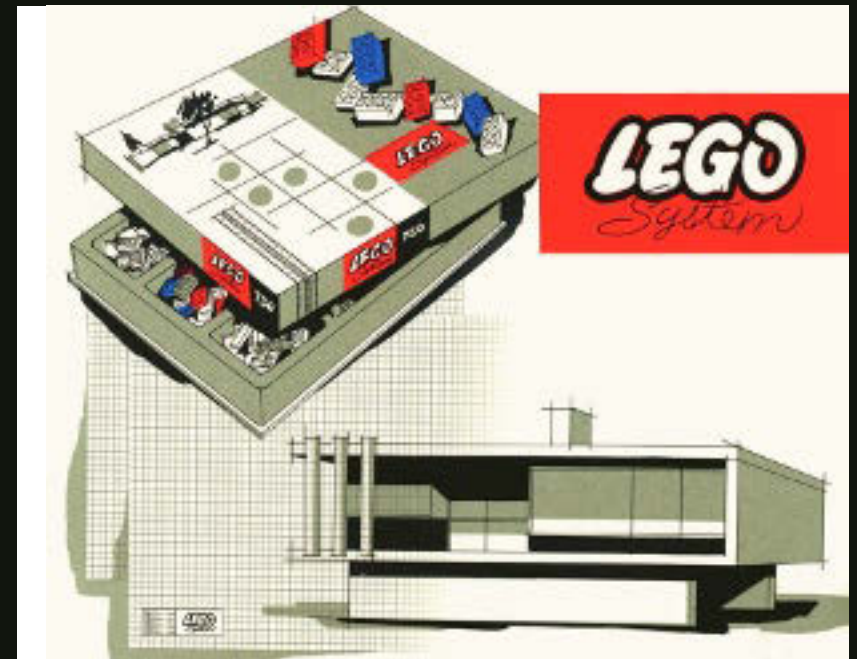
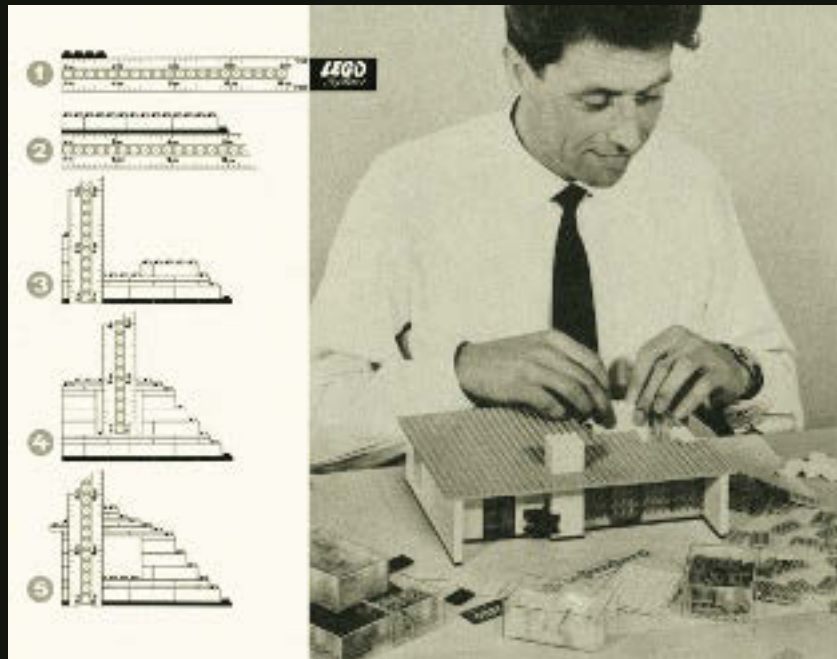
Their answer was as simple as it was revolutionary: five elements that matched the existing bricks, but were only one third the height. These new building 'plates' made it possible to construct more detailed models than before.

This greater LEGO flexibility seemed to match the spirit of the age; where modernist architects were redefining how houses looked, and people were

taking an active interest in the design of their dream home. It was from these trends that the LEGO 'Scale Model' line was born in early 1962.

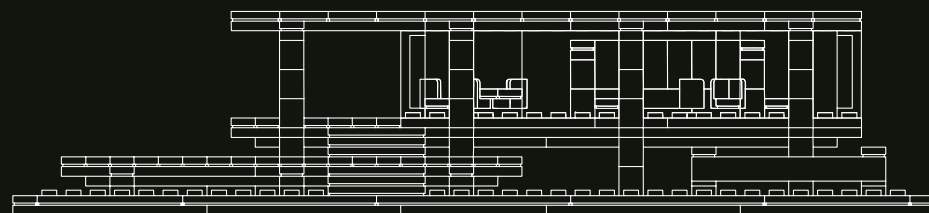
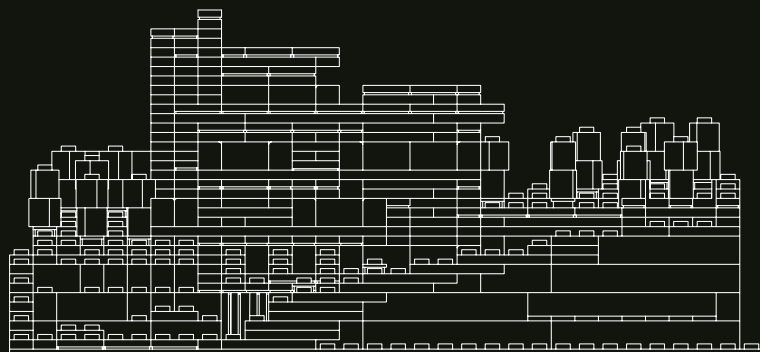
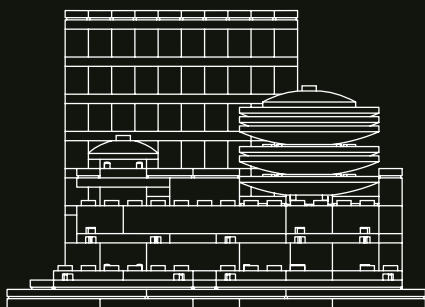
The name itself was a direct link to the way architects and engineers worked, and it was hoped that they and others would build their projects 'to scale' in LEGO elements. As with LEGO Architecture today, the original sets were designed to be different from the normal brightly colored LEGO boxes, and also included *An Architectural Book* for inspiration.

Though the five elements remain an integral part of the LEGO building system today, the 'Scale Model' line was phased out in 1965—it would be over 40 years before its principles would be revived in the LEGO Architecture series we know today.

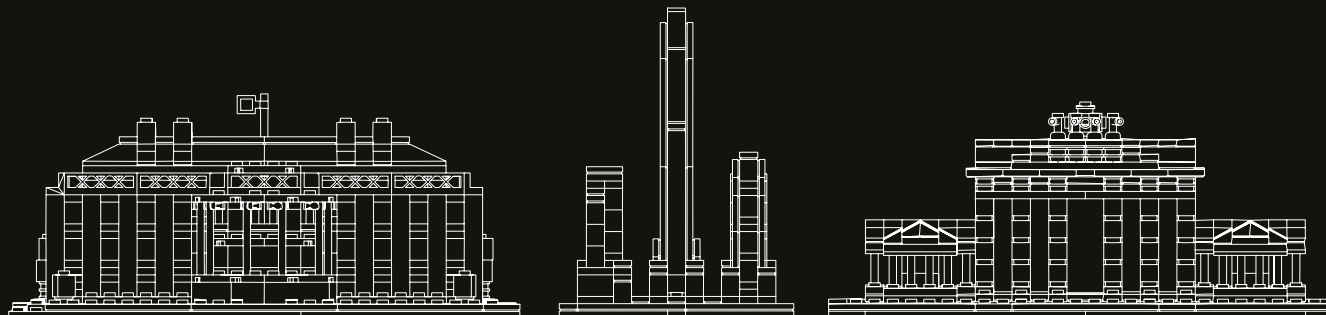
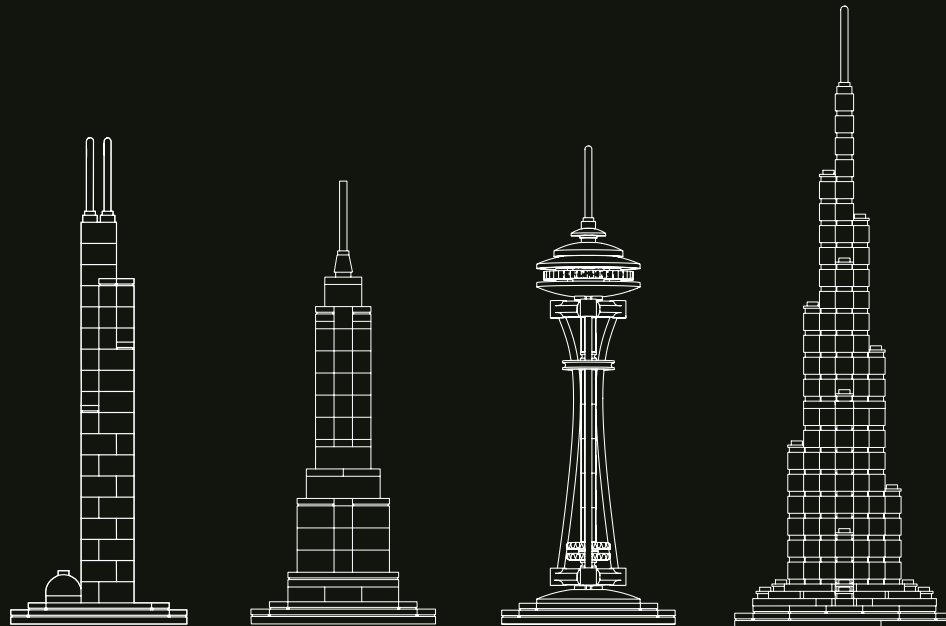




## Architecture series



## Landmark series



## References

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