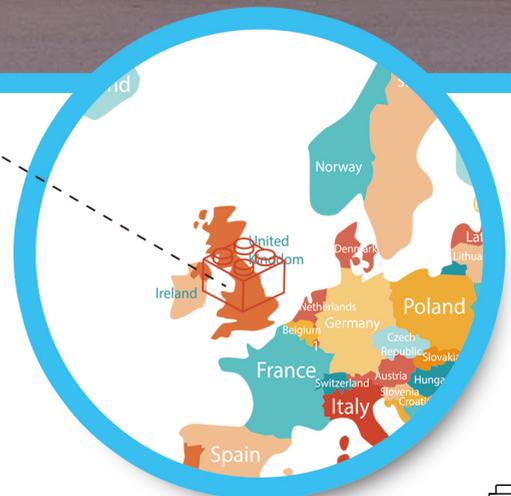


# Buckingham Palace



The City of Westminster is the home of Buckingham Palace, which has been the official London-based home of the monarch since 1837, although it is owned by the state.

# Buckingham Palace



## Geography and culture

地理·文化



Buckingham Palace became the London residence of the British monarch on the accession of Queen Victoria in 1837.





Palacio de Buckingham

**Buckingham** ■

**Palace**

England

The contents of this chapter refer to the Wikipedia website.

本章内容参考维基百科网站，  
更多资讯可自行查阅。

The world's great architecture

# Buildings and layout

■ 建筑物和布局



**白金汉宫**不同于许多国家首都的著名历史建筑，白金汉宫并不是只供游人参观的博物馆。这座宫殿是君主制的中心，是女王陛下作为英国国家元首和英联邦领袖办公和履行礼仪性职责的地方。女王平常会在白金汉宫工作，通常在周末会回到温莎城堡。要知女王在不在宫殿里，只要看一看白金汉宫中央的旗杆就可以了：因为如果女王在宫里，旗杆上飘扬的会是君主旗，否则人们便会看到联合王国旗（即英国国旗）。如遇到盛大的礼仪场合，在天气允许的情况下，宫殿则会挂一面加大号的旗帜。

Possibly the first house erected within the site was that of a Sir William Blake, around 1624. The next owner was Lord Goring, who from 1633 extended Blake's house and developed much of today's garden, then known as Goring Great Garden. He did not, however, obtain the freehold interest in the mulberry garden. Unbeknown to Goring, in 1640 the document "failed to pass the Great Seal before King Charles I fled London, which it needed to do for legal execution". It was this critical omission that helped the British royal family regain the freehold under King George III.



## Structure

白金汉宫的建筑风格为新古典主义，主体建筑为五层，其中两层为服务人员使用的附属层，高度较低。所以立面可以视为纵、横三段式处理。白金汉宫建筑外立面装修材料为巴斯石灰岩。内部装修则以人造大理石及青金岩为主。正面广场围以铸铁栅栏，为皇家卫队换岗仪式的场所。广场外为手持权杖、塑造为天使形象的维多利亚女王雕像。宫殿正面向口面向东北方，通过林荫路（The Mall）与特拉法尔加广场相连。

The house which forms the architectural core of the palace was built for the first Duke of Buckingham and Normanby in 1703 to the design of William Winde. The style chosen was of a large, three-floored central block with two smaller flanking service wings. Buckingham House was eventually sold by Buckingham's illegitimate son, Sir Charles Sheffield, in 1761 to George III for £21,000. Sheffield's leasehold on the mulberry garden site, the freehold of which was still owned by the royal family, was due to expire in 1774.



## Design and construction

白金汉宫的附属建筑包括皇家画廊、皇家马厩和花园。皇家画廊和皇家马厩均对公众开放参观，其中皇家画廊内收藏有鲁本斯、伦勃朗、弗美尔、盖恩斯巴勒、卡拉内罗等人的绘画作品、卡诺瓦等人的雕塑作品。

Under the new Crown ownership, the building was originally intended as a private retreat for King George III's wife, Queen Charlotte, and was accordingly known as The Queen's House. Remodelling of the structure began in 1762. In 1775, an Act of Parliament settled the property on Queen Charlotte, in exchange for her rights to Somerset House, and 14 of her 15 children were born there. Some furnishings were transferred from Carlton House, and others had been bought in France after the French Revolution of 1789. While St James's Palace remained the official and ceremonial royal residence, the name "Buckingham-palace" was used from at least 1791.

# Design Points

结构难点

Angle calculation  
角度的计算

$$S=4\pi r^2$$

$$a^2+b^2=c^2$$

$$\sin^2 a + \cos^2 a = 1$$



Creation and thinking

创作·思考

# Special parts

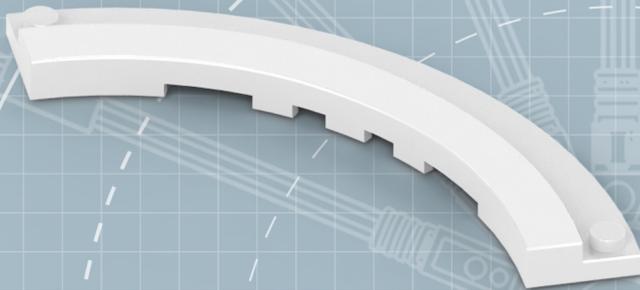
特殊零件的开发利用

$$S=4\pi \cdot r^2$$

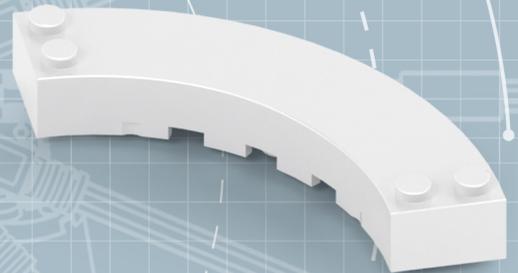


**WG544**  
分圆4孔

$$a^2+b^2=c^2$$



**WG1335**  
台阶圆弧2孔



**WG1334**  
高7倍圆弧4孔



**WG379**  
带槽矮长4孔

$$\sin^2 a + \cos^2 a = 1$$



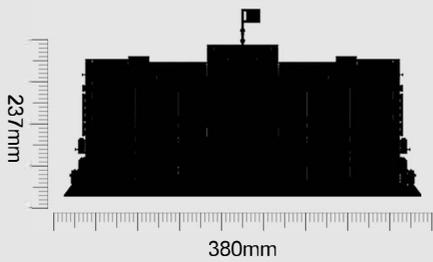
**WG220**  
圆形12孔



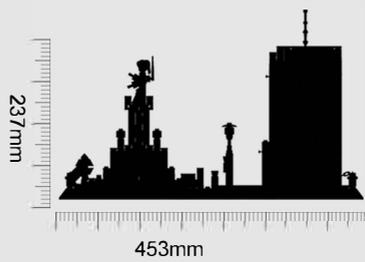
features and function

特点.功能

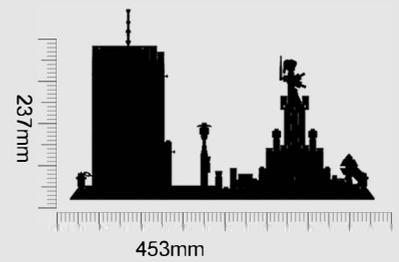
Front



Left



Back

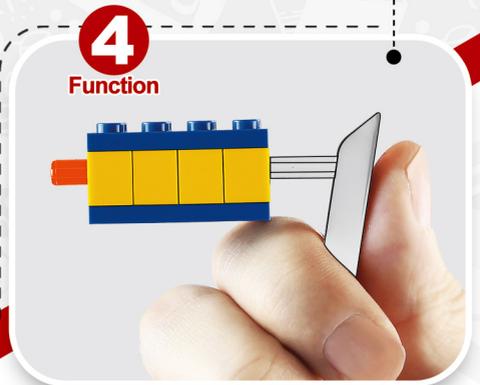
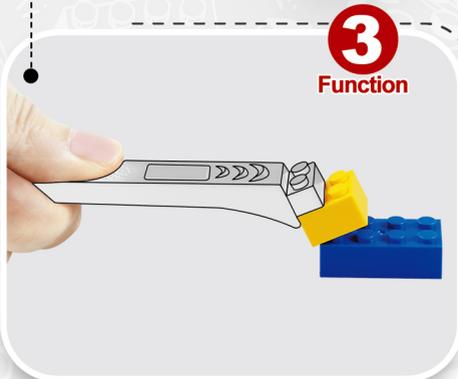
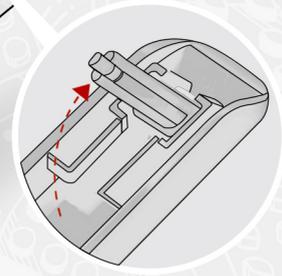
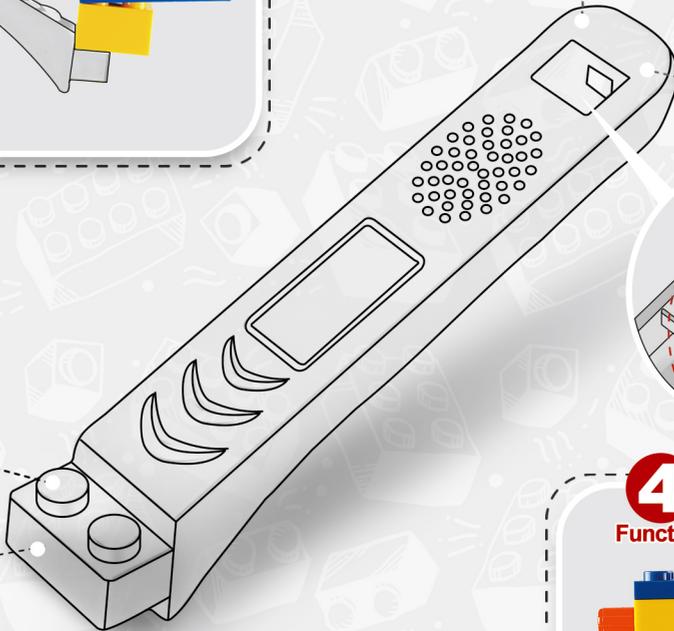
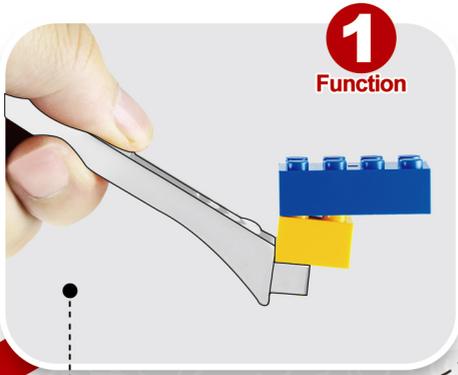


Product Size:453X237X380mm



# Instructions For Use

积木起件器使用说明  
Brickseparator



4 ways to make installation easier  
让安装更简单



- First open the product packaging according to the instructions.

按指导用正确方式拆解产品外包装。



- Summarize all parts to count the number of familiar accessories.

对照说明书清单确认积木包数量与积木数量。



- Arranging all accessories by color helps to quickly install the product.

把确认好的积木以类型、颜色进行分类排好以便安装。



- Carefully install the product and learn about building.

按说明书步骤拼装并完成你的积木模型。



# 1:1 Physical Reference Table

十字棒配件1:1尺寸参照表

1:1

Instructions For Use  
让安装更简单



**2**  $(1 \times 2) = 2$



**3**  $(1 \times 3) = 3$



**4**  $(1 \times 4) = 4$



**5**  $(1 \times 5) = 5$



**6**  $(1 \times 6) = 6$



**7**  $(1 \times 7) = 7$



**8**  $(1 \times 8) = 8$



**9**  $(1 \times 9) = 9$



**10**  $(1 \times 10) = 10$



**12**  $(1 \times 12) = 12$

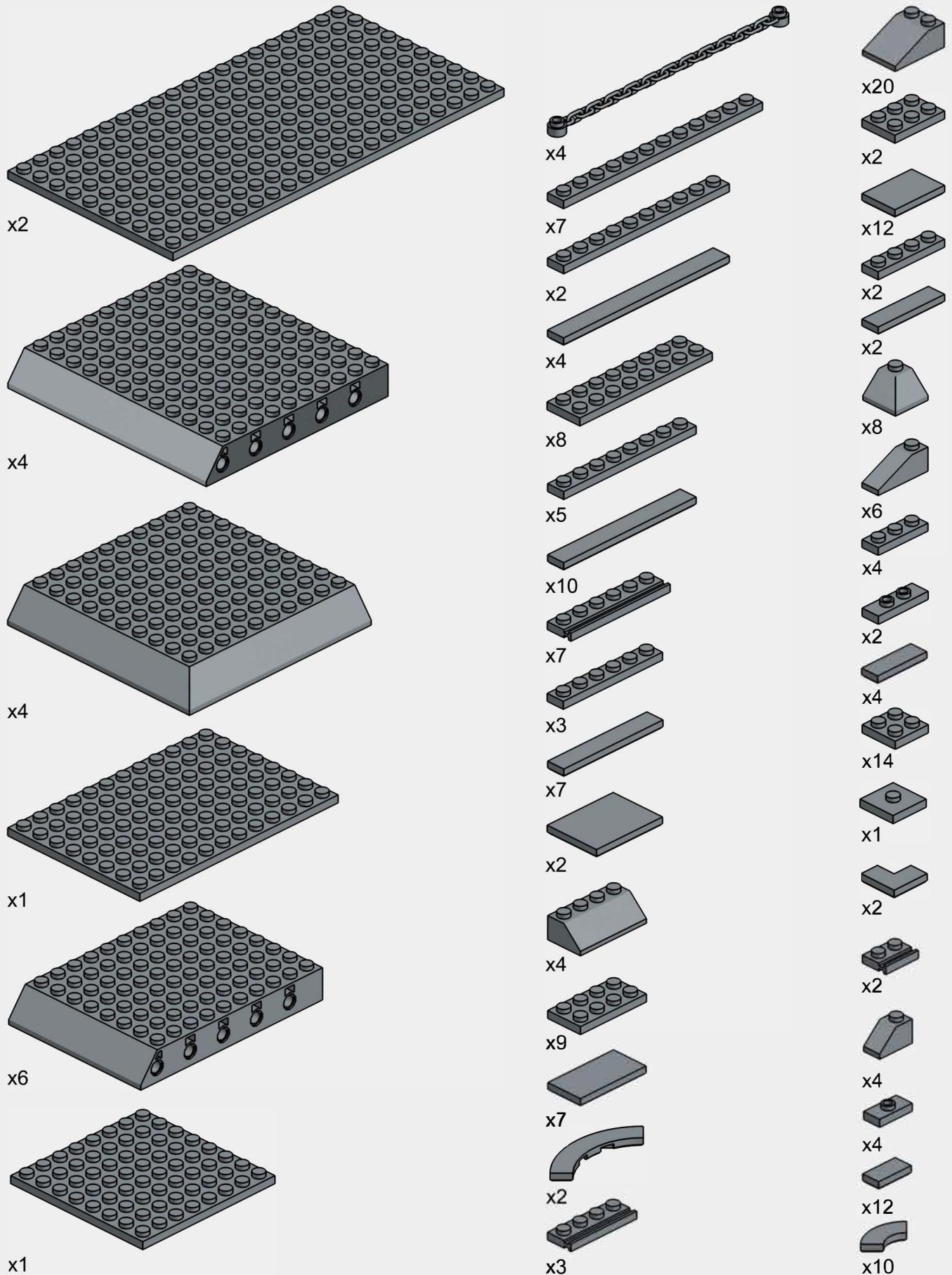


**16**  $(1 \times 16) = 16$



# PARTS LIST

配件清单



产品有增补件请以实物为准  
 If product has additional parts, please in kind prevail.

# PARTS LIST

配件清单



x2



x24



x3



x6



x8



x4



x10



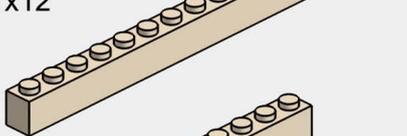
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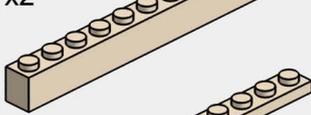
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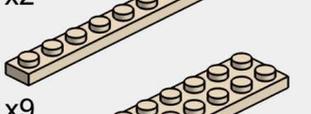
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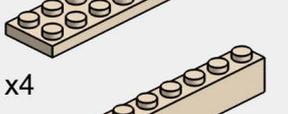
x2



x2



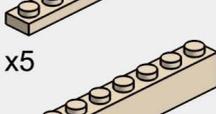
x9



x4



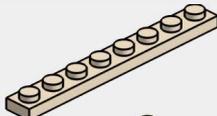
x2



x5



x8



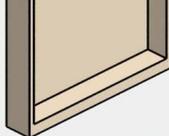
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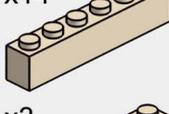
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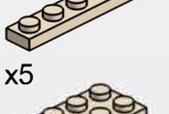
x5



x14



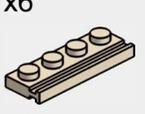
x3



x5



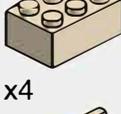
x2



x6



x4



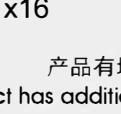
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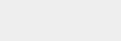
x4



x15



x2



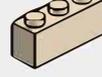
x16



x4



x2



x6



x2



x2



x4



x6



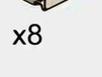
x2



x2



x4



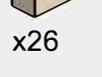
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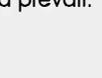
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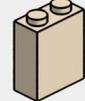
x4



x14



x26



x26



x16



x32



x9



x16



x22



x20



x4



x48



x16



x40



x79



x85



x8



x22

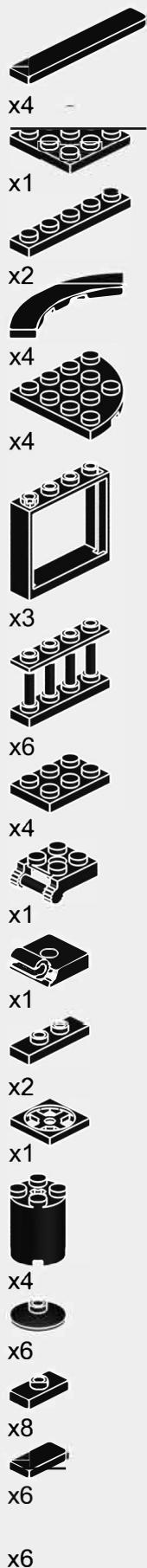
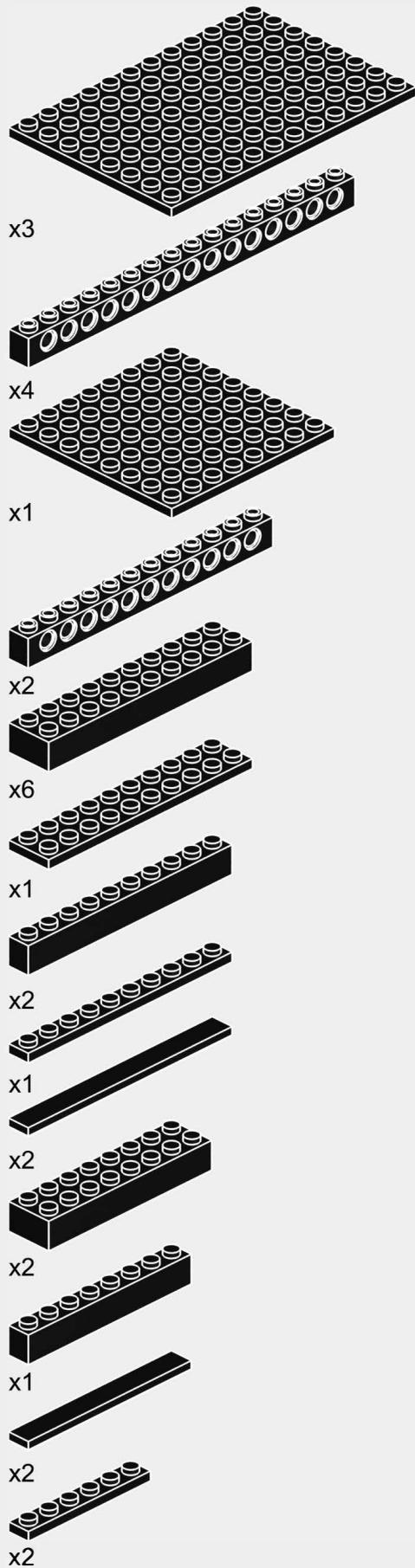


x2



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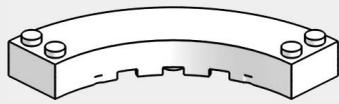
配件清单



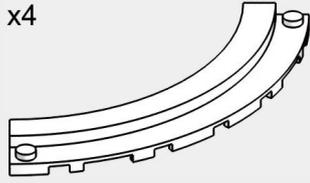
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 If product has additional parts, please in kind prevail.

# PARTS LIST

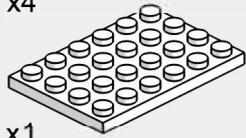
配件清单



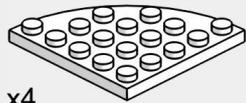
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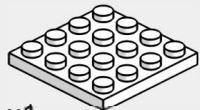
x4



x1



x4



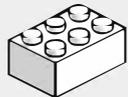
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x4



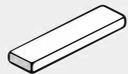
x1



x3



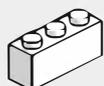
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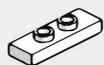
x7



x1



x3



x7



x16



x6



x1



x2



x2



x8



x6



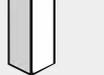
x1



x4



x2



x6

x4



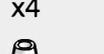
x12



x2



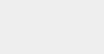
x12



x4



x1



x6



x2



x2



x2



x2



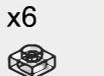
x2



x27



x49



x6



x50



x1



x4



x1



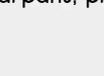
x5



x1



x1



x4



x1



x4



x8



x4



x4



x1



x8



x5



x1



x1



x1



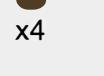
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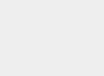
x4



x1



x10



x8

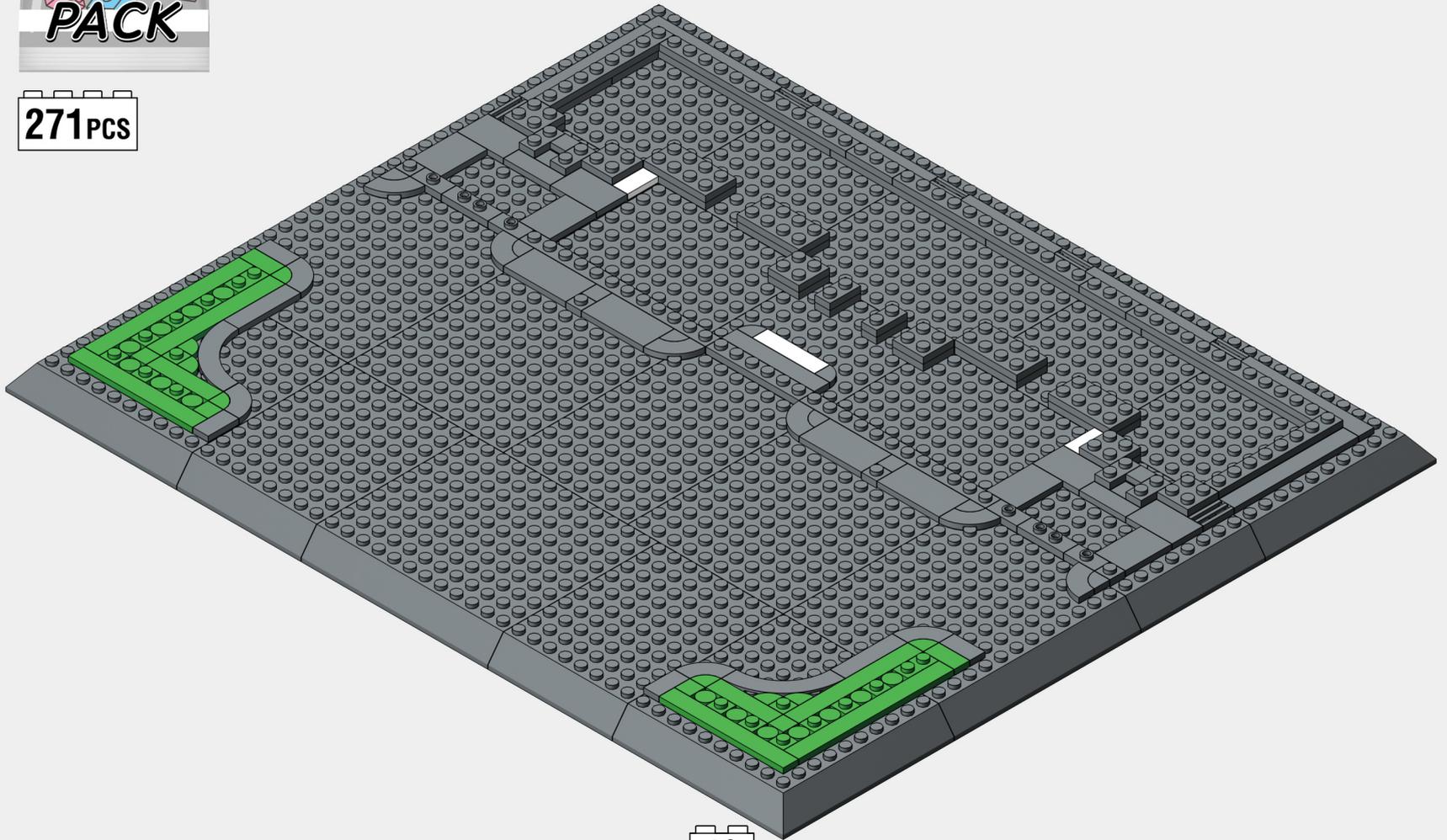


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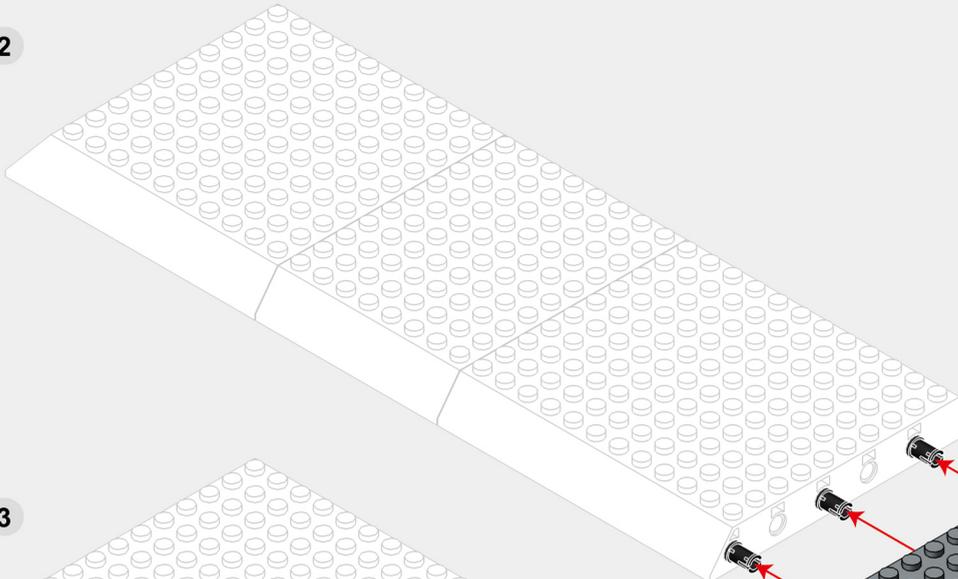


271 PCS

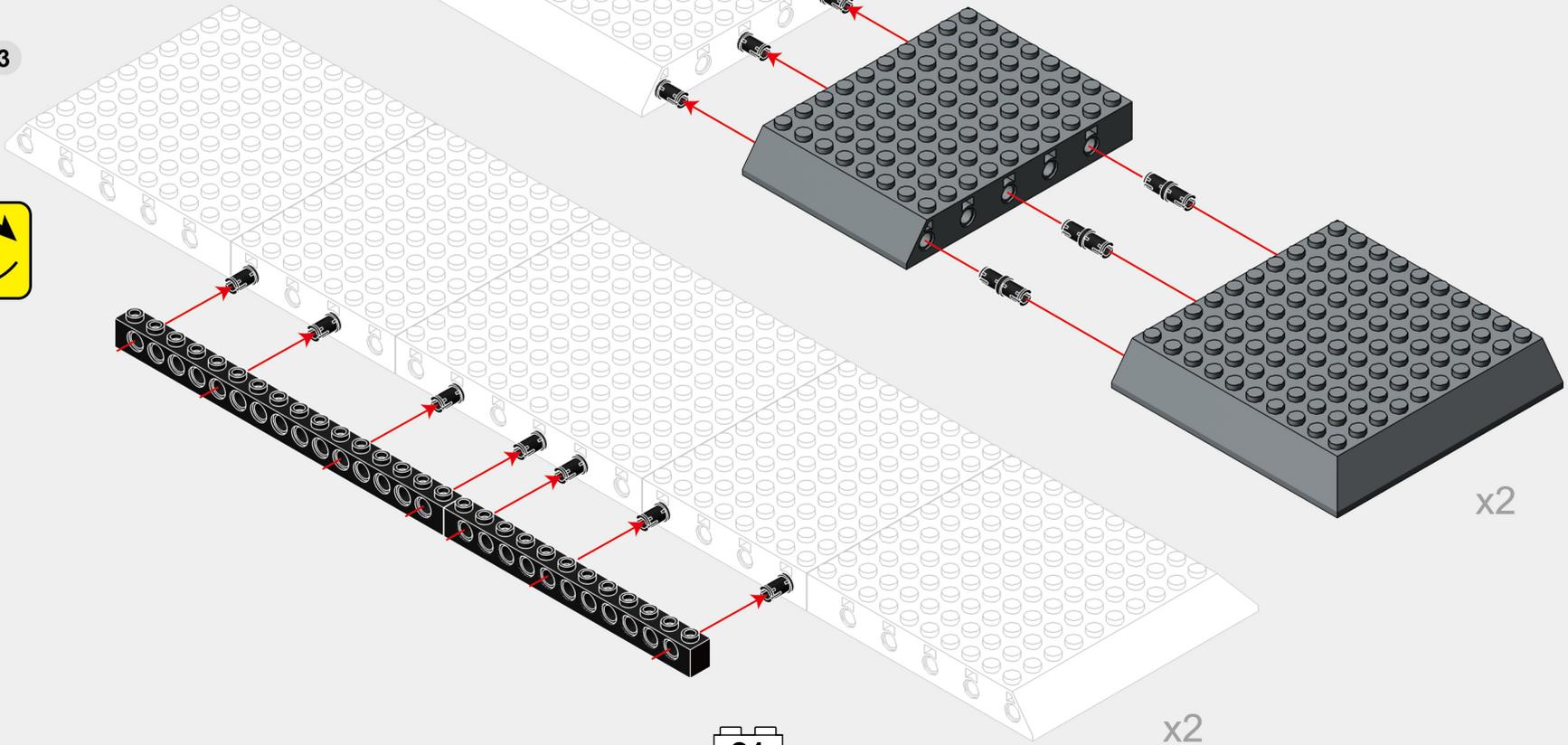




2



3

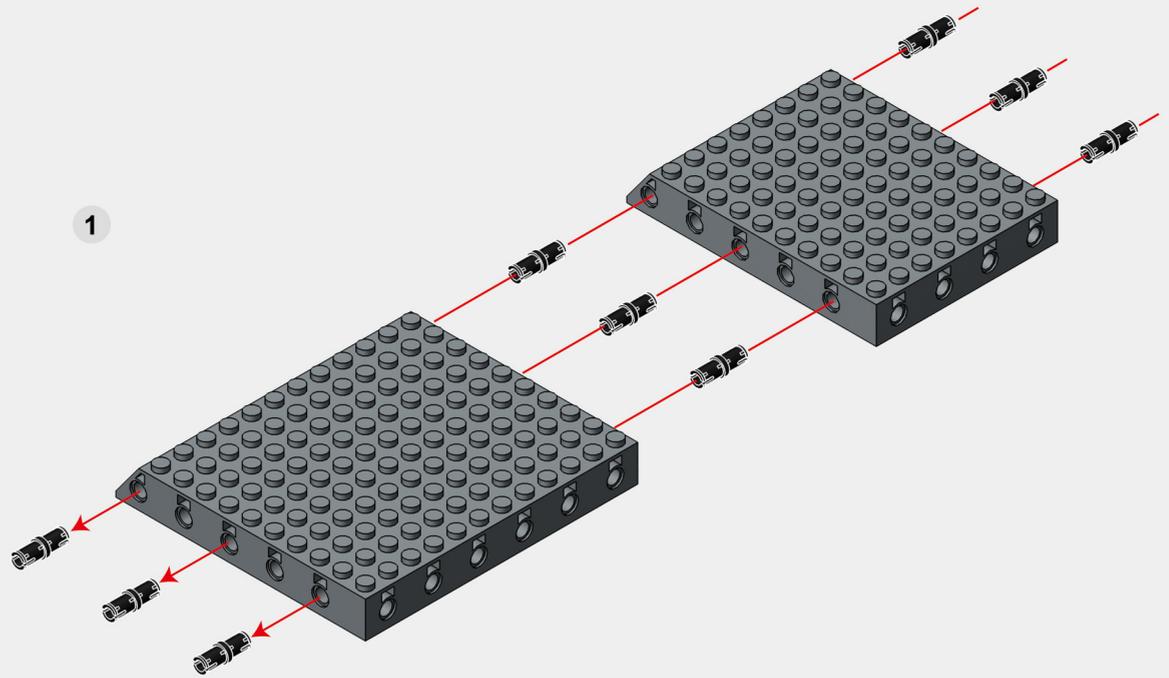
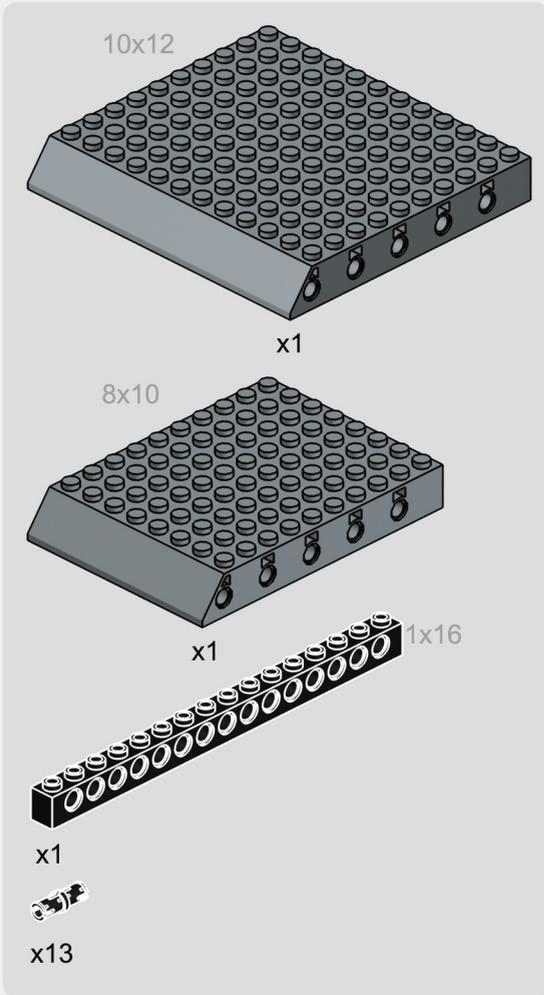


x2

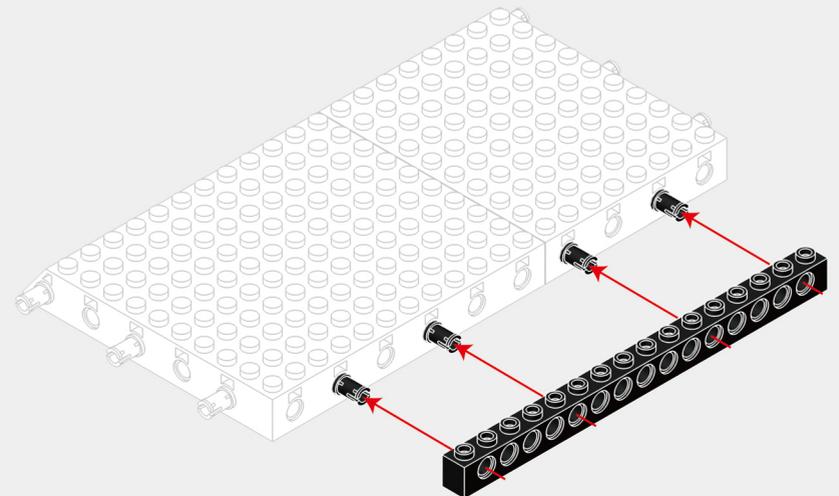
x2

21

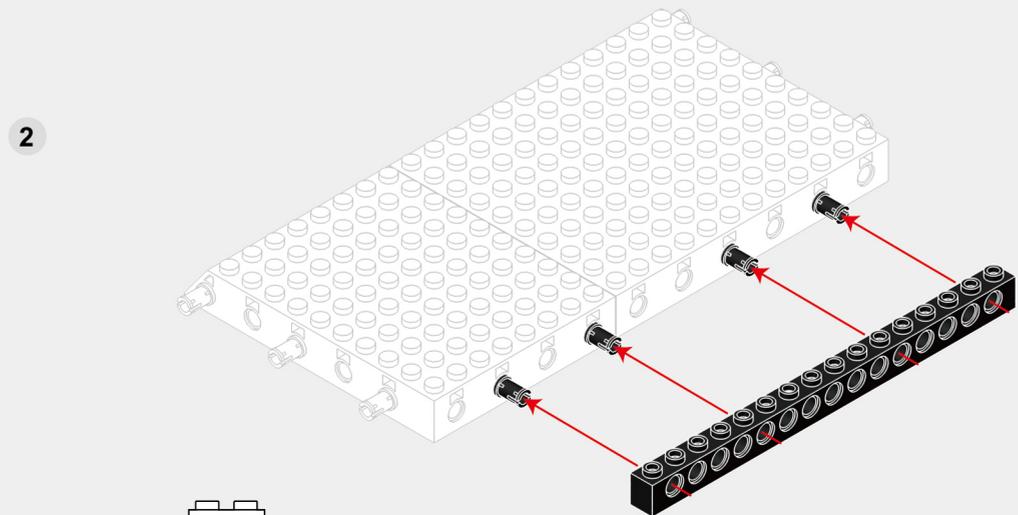
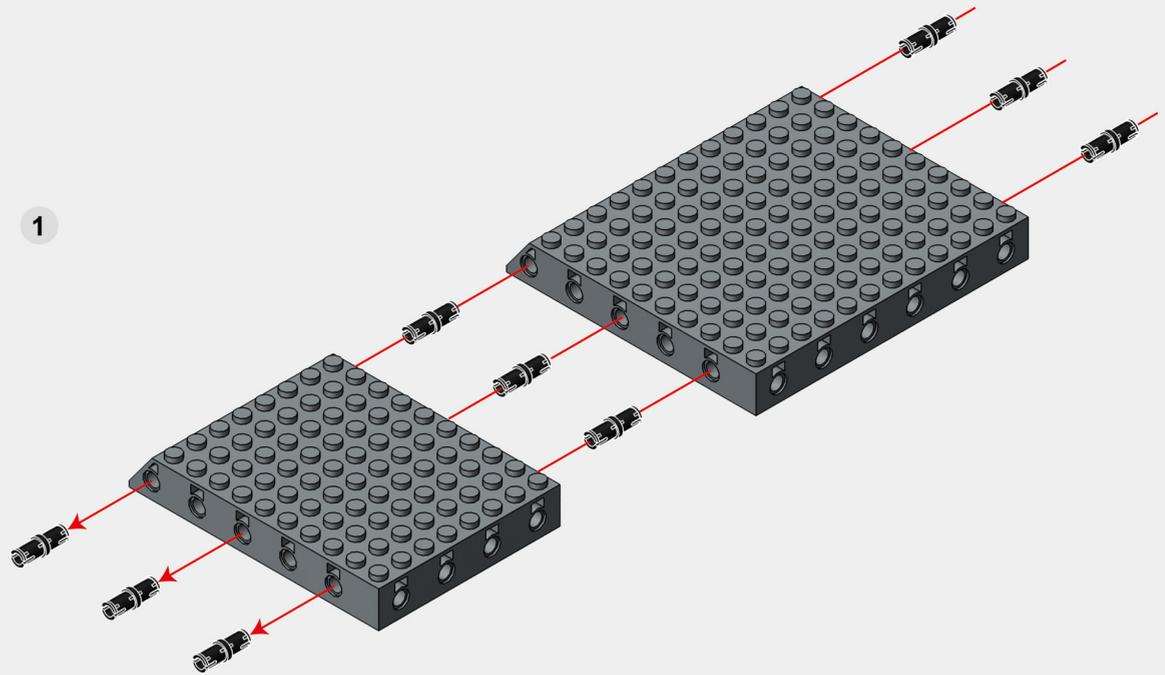
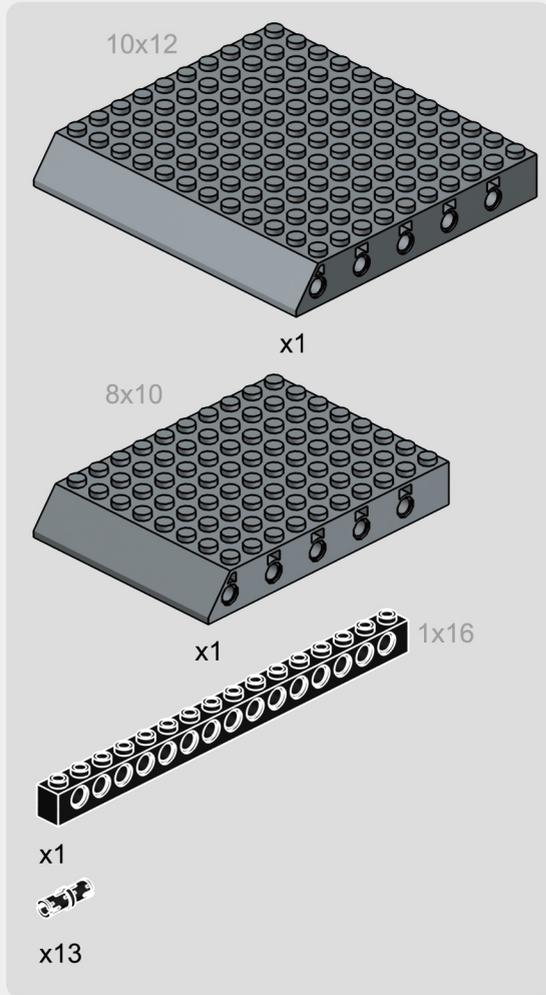
1-2



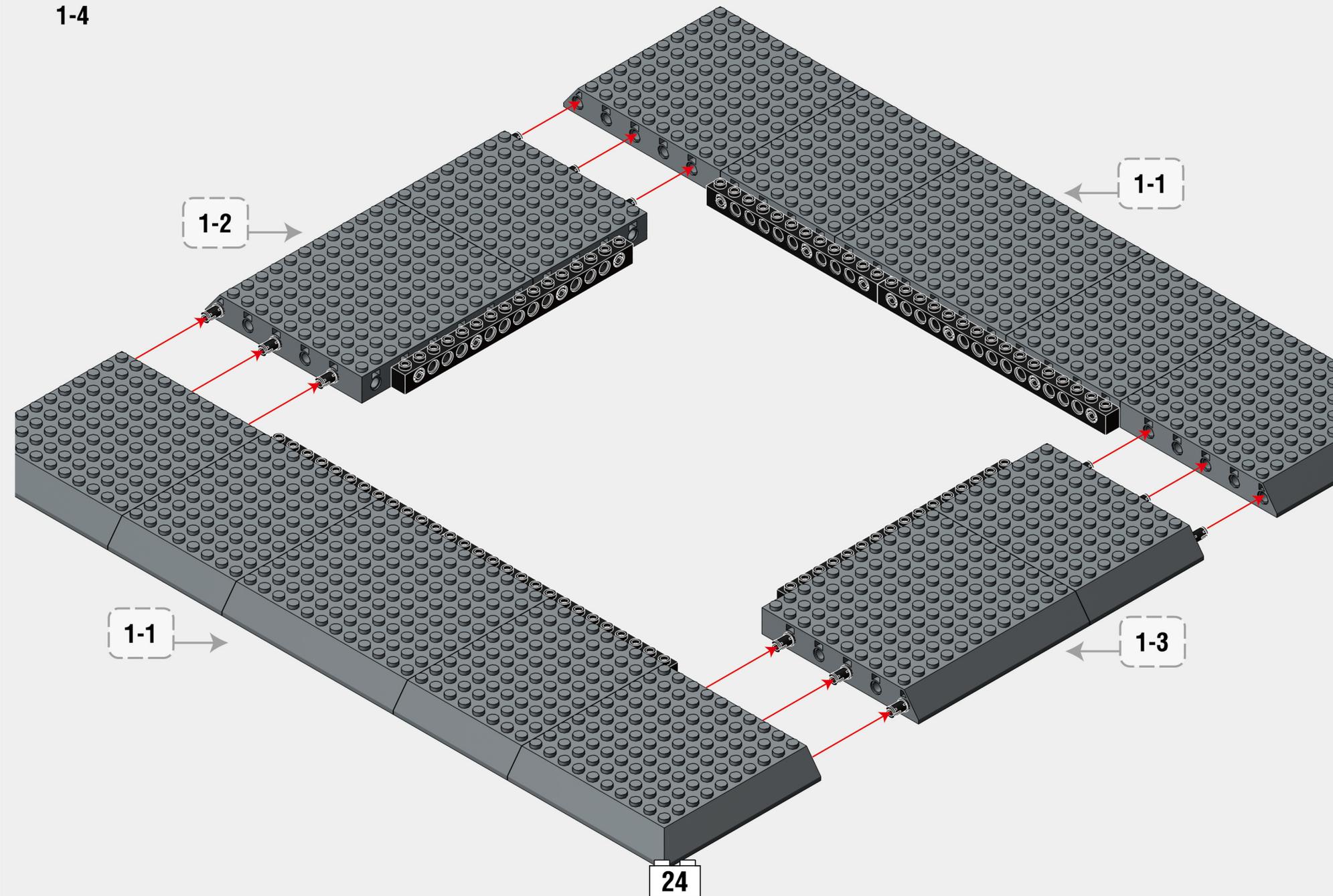
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# 1-3



1-4

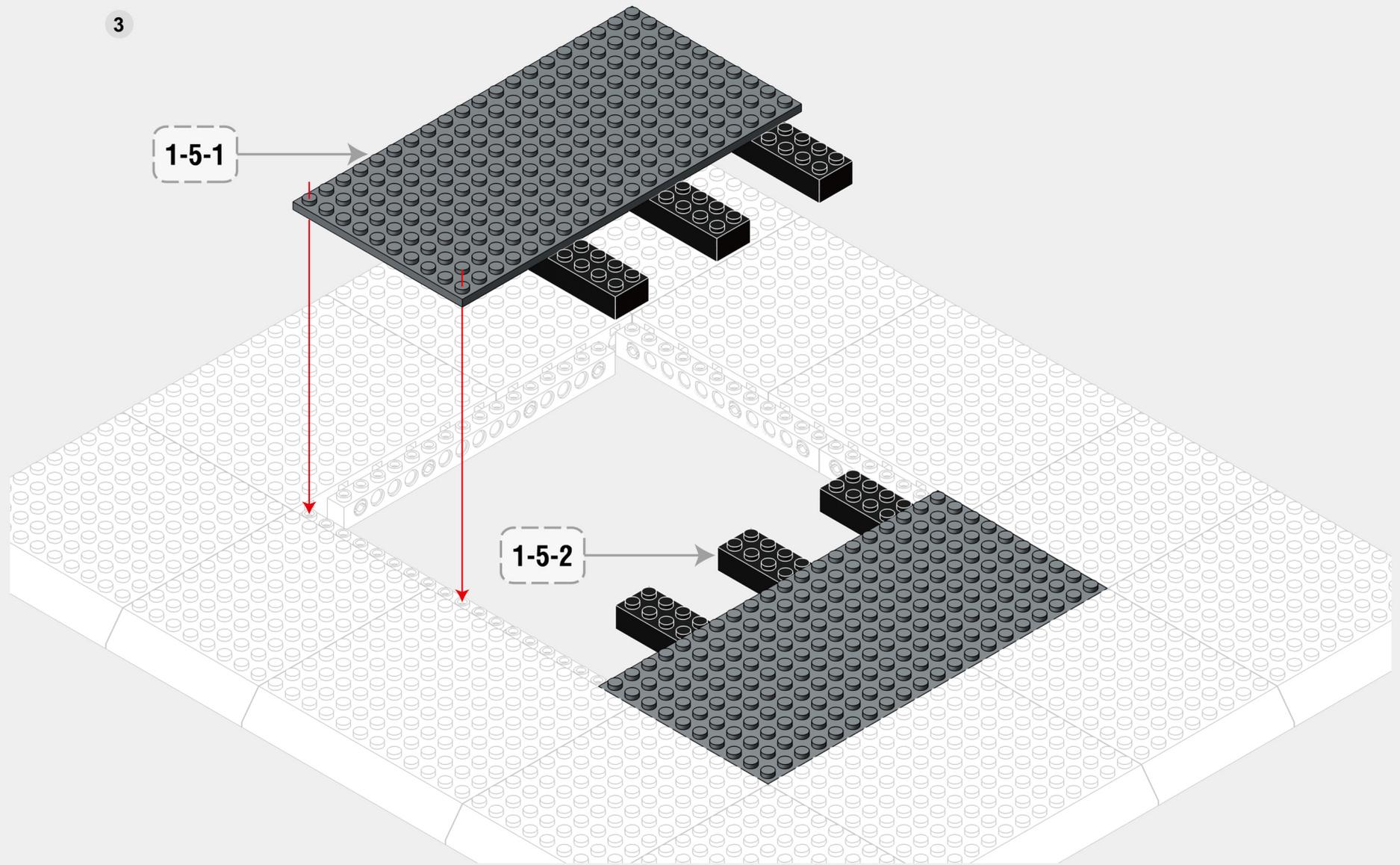




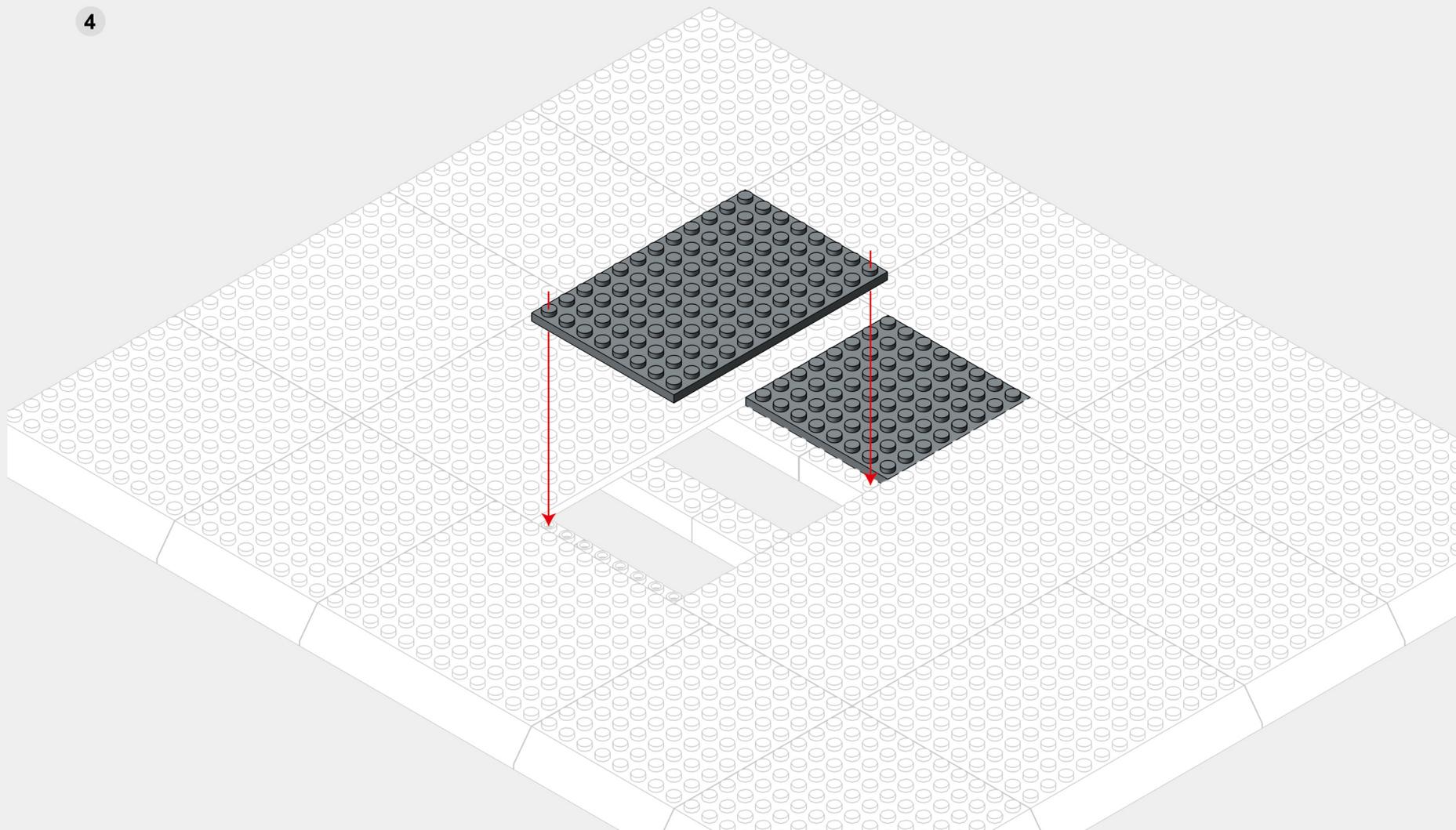
3

1-5-1

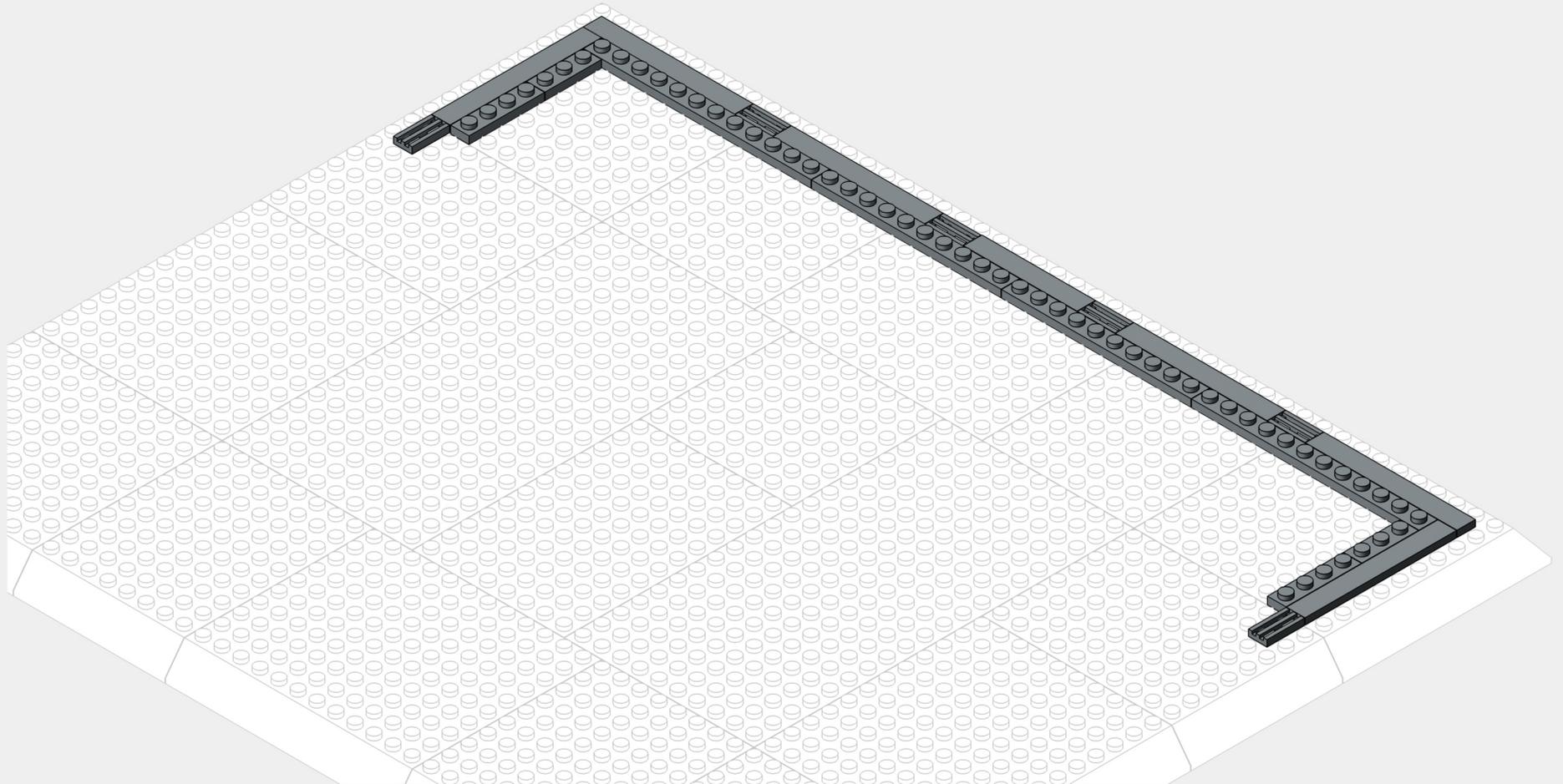
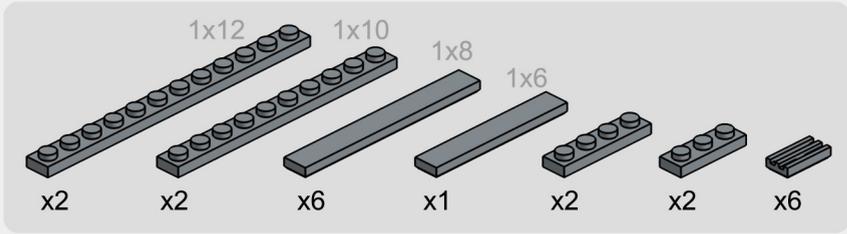
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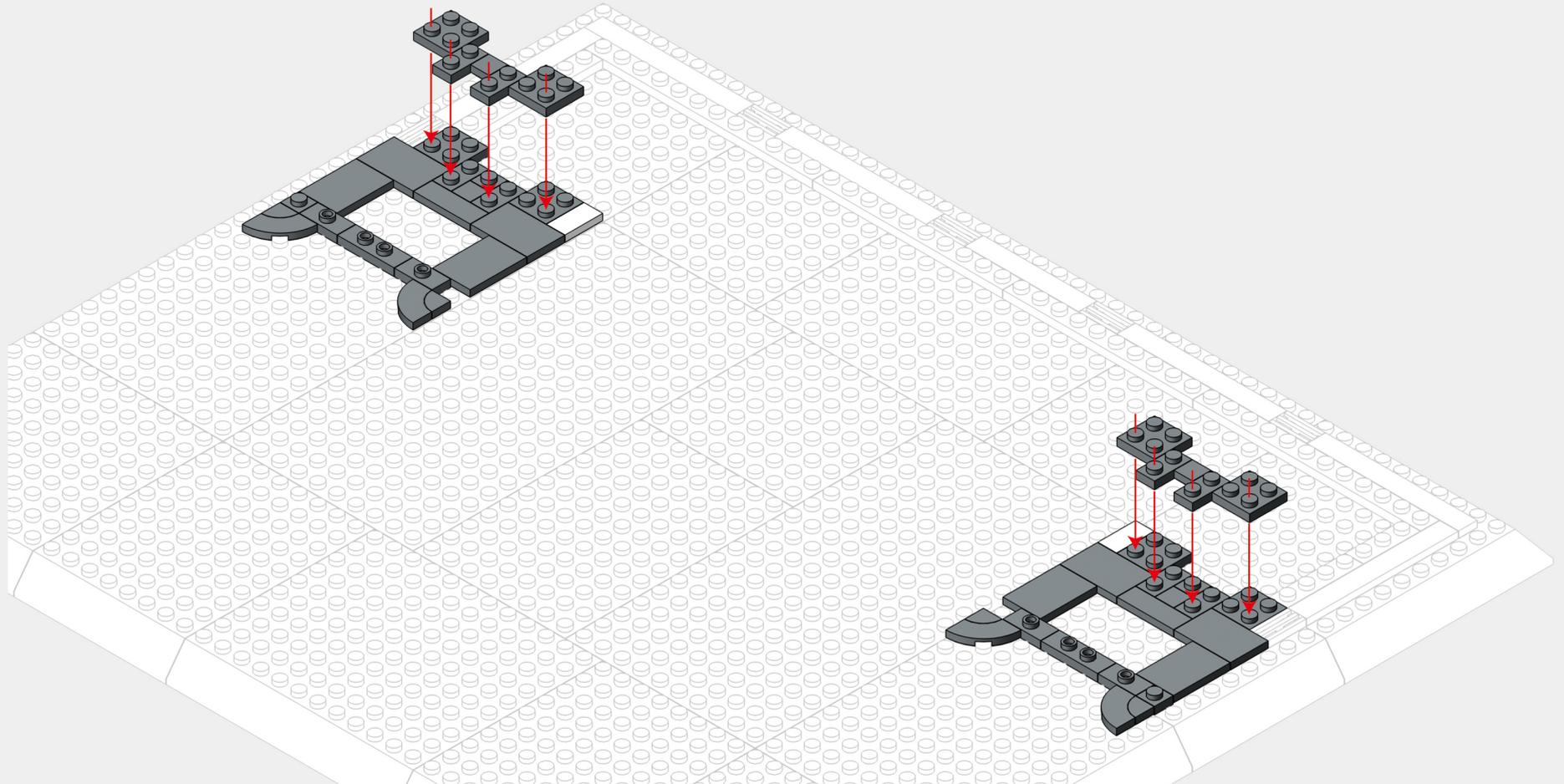
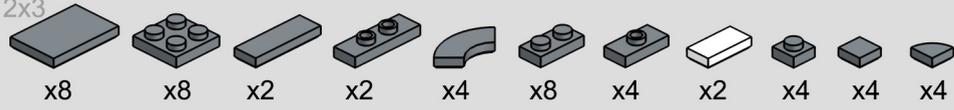


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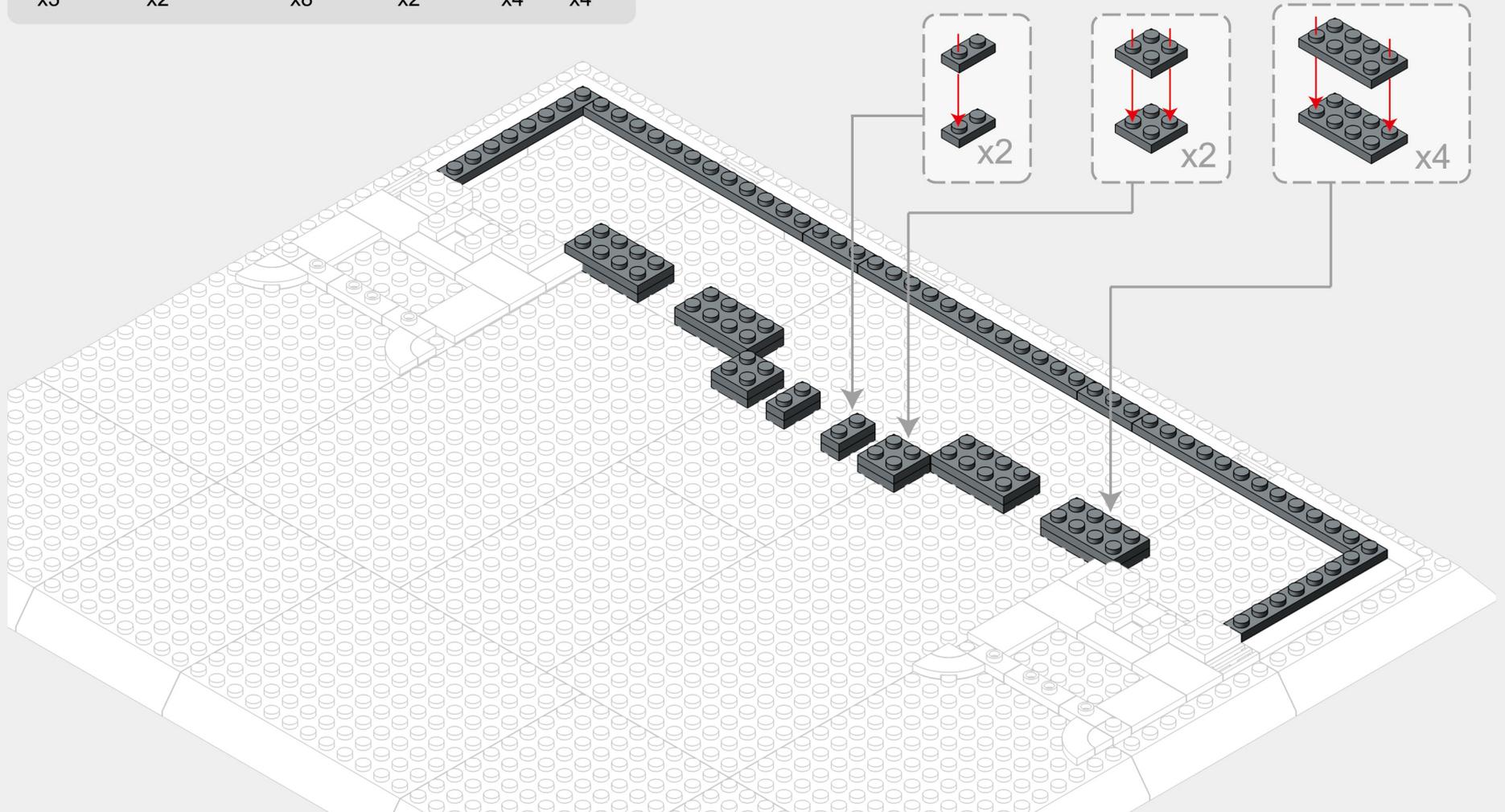
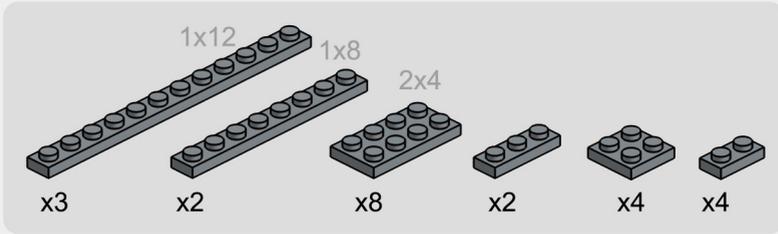


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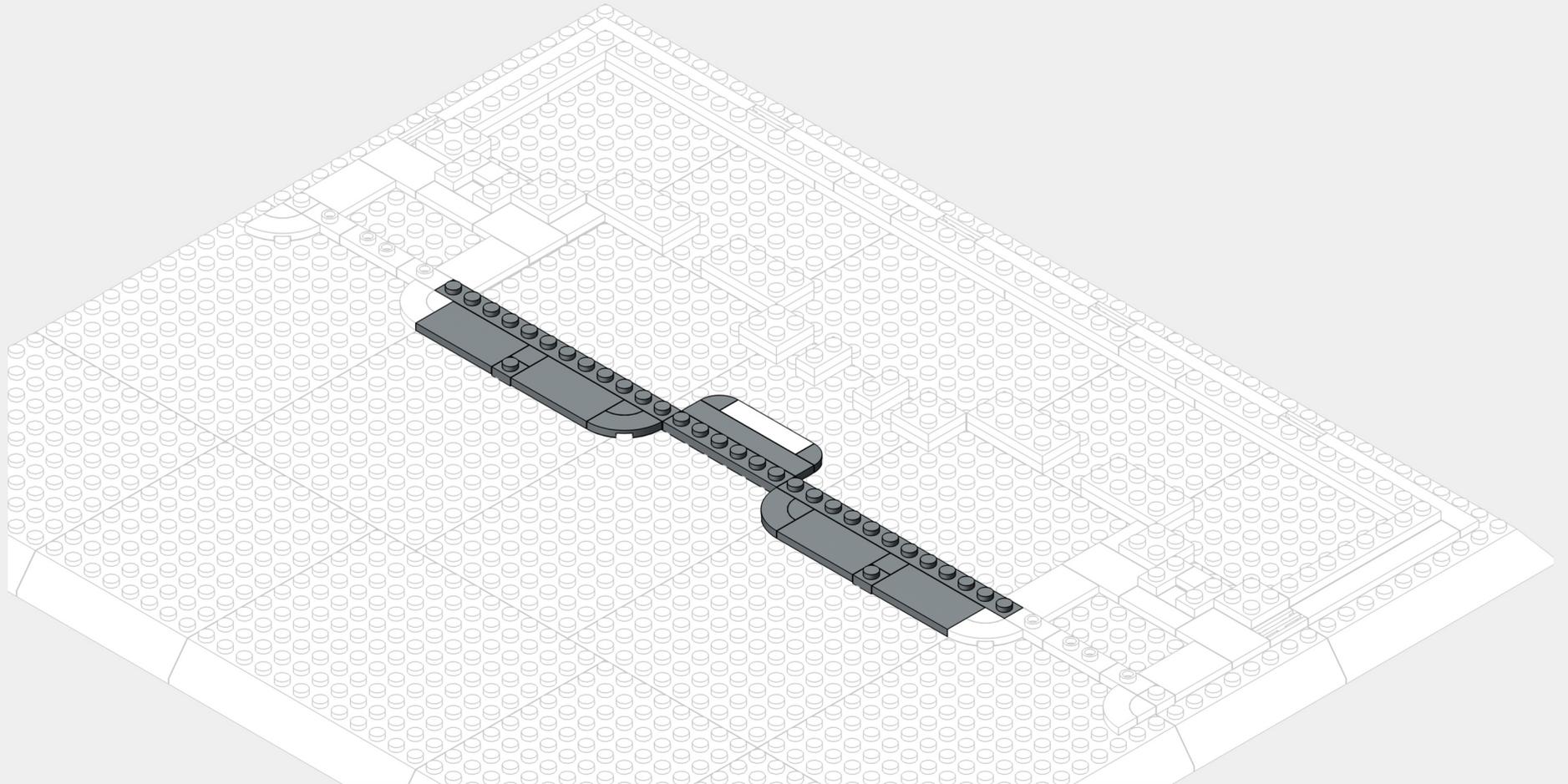
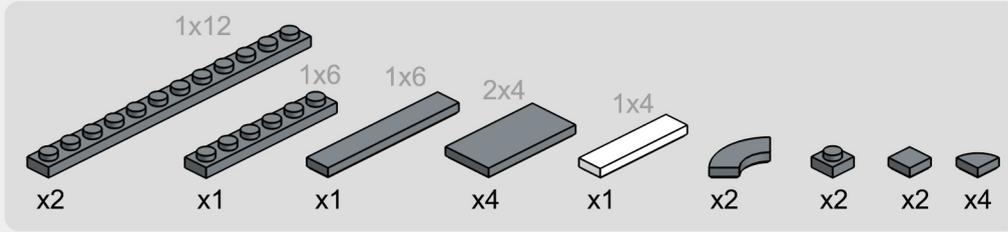
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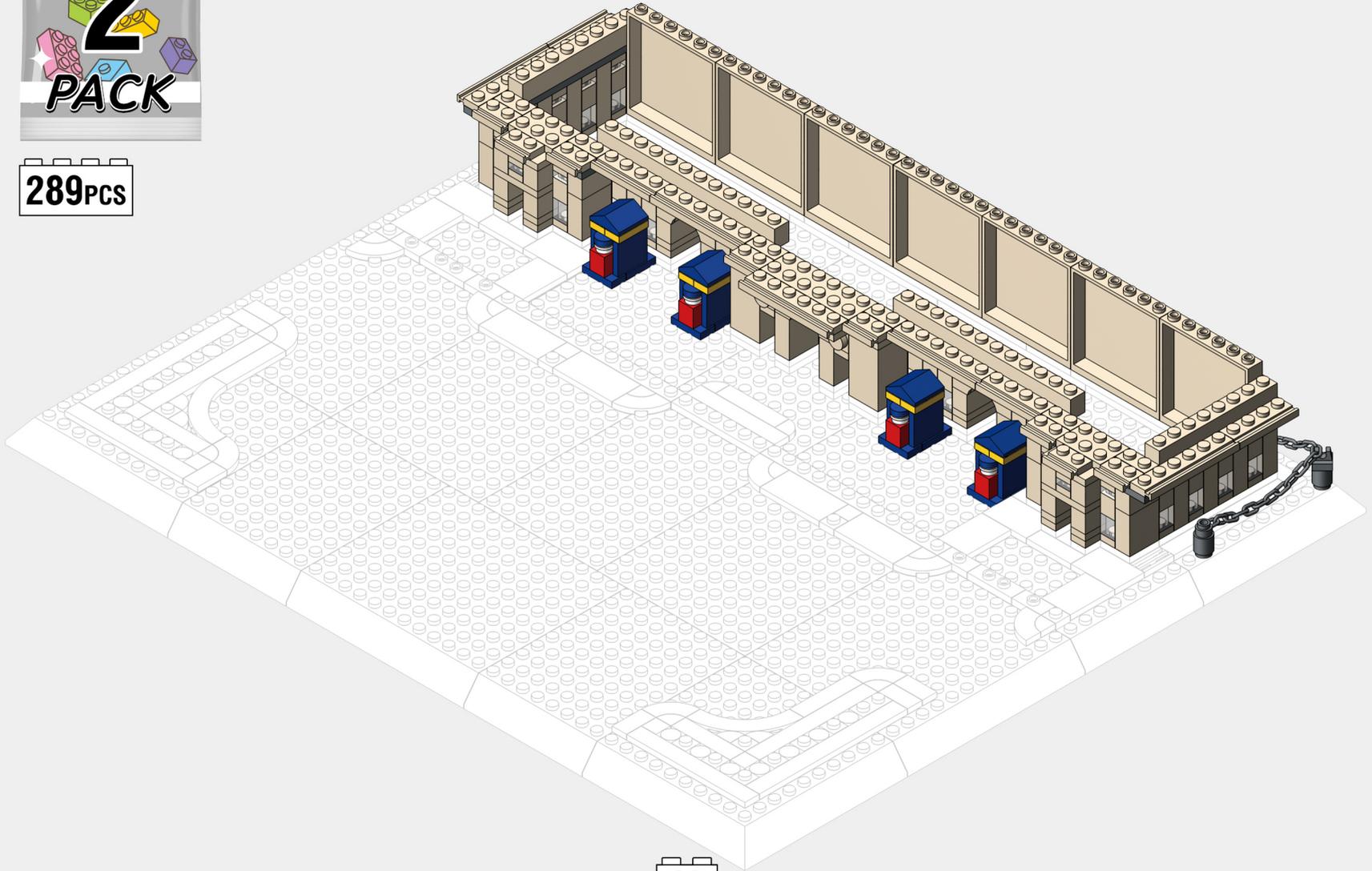
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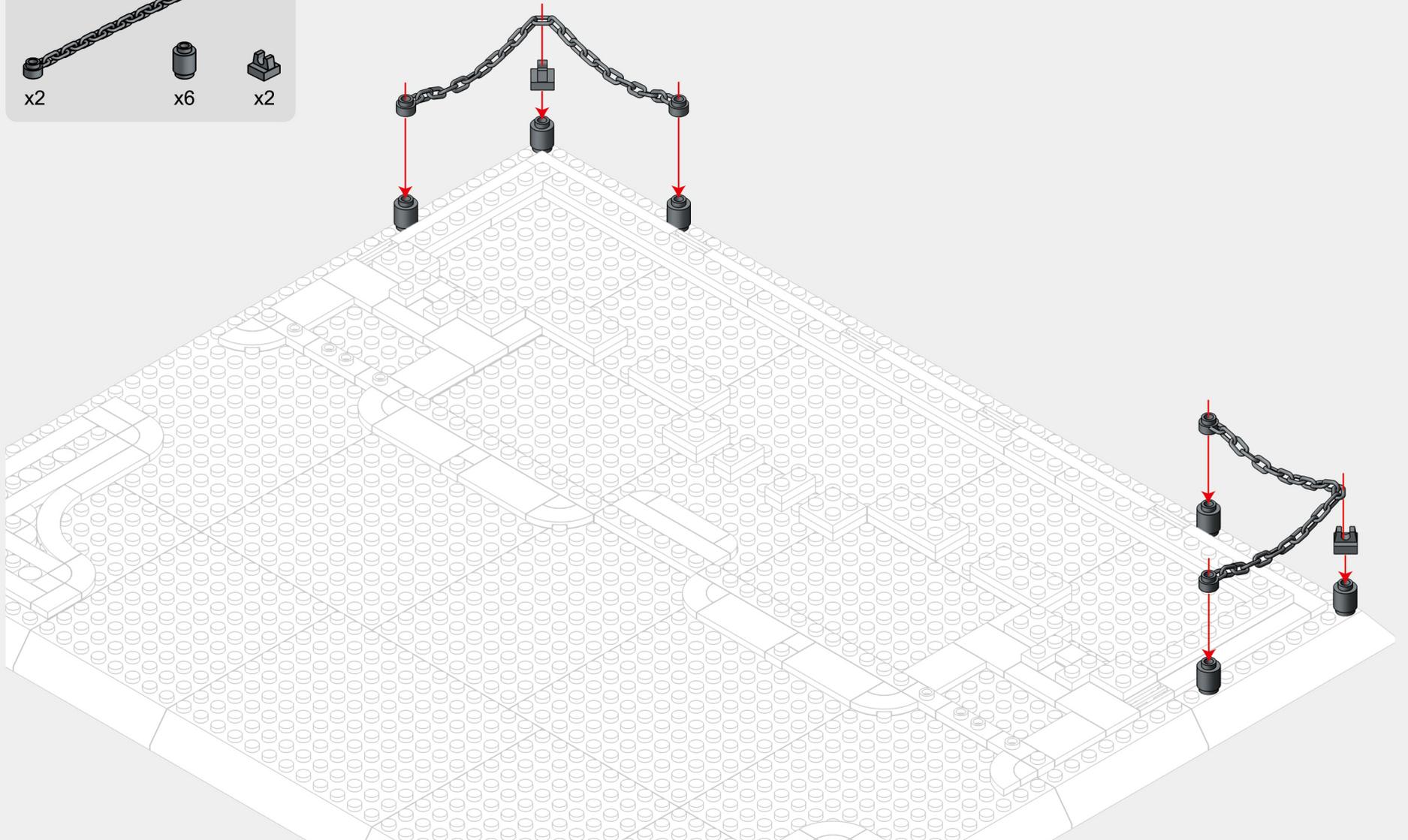
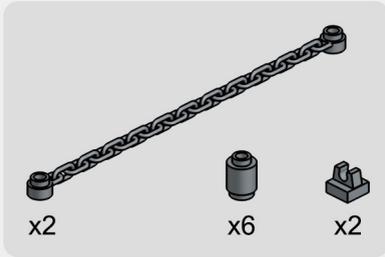




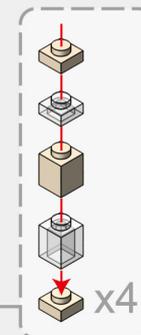
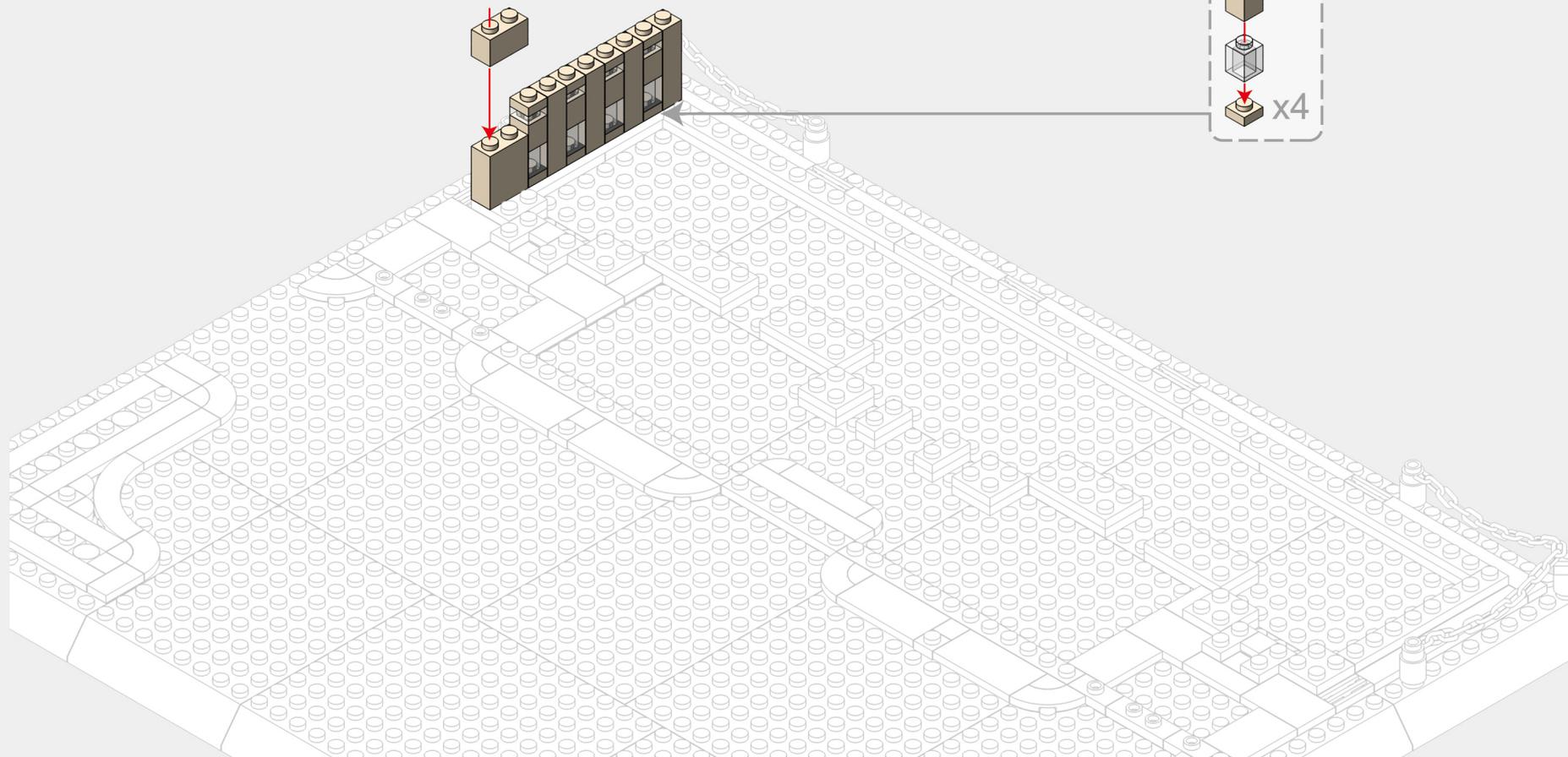
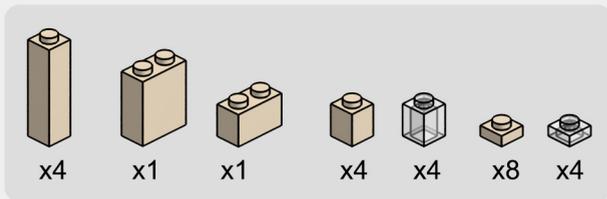
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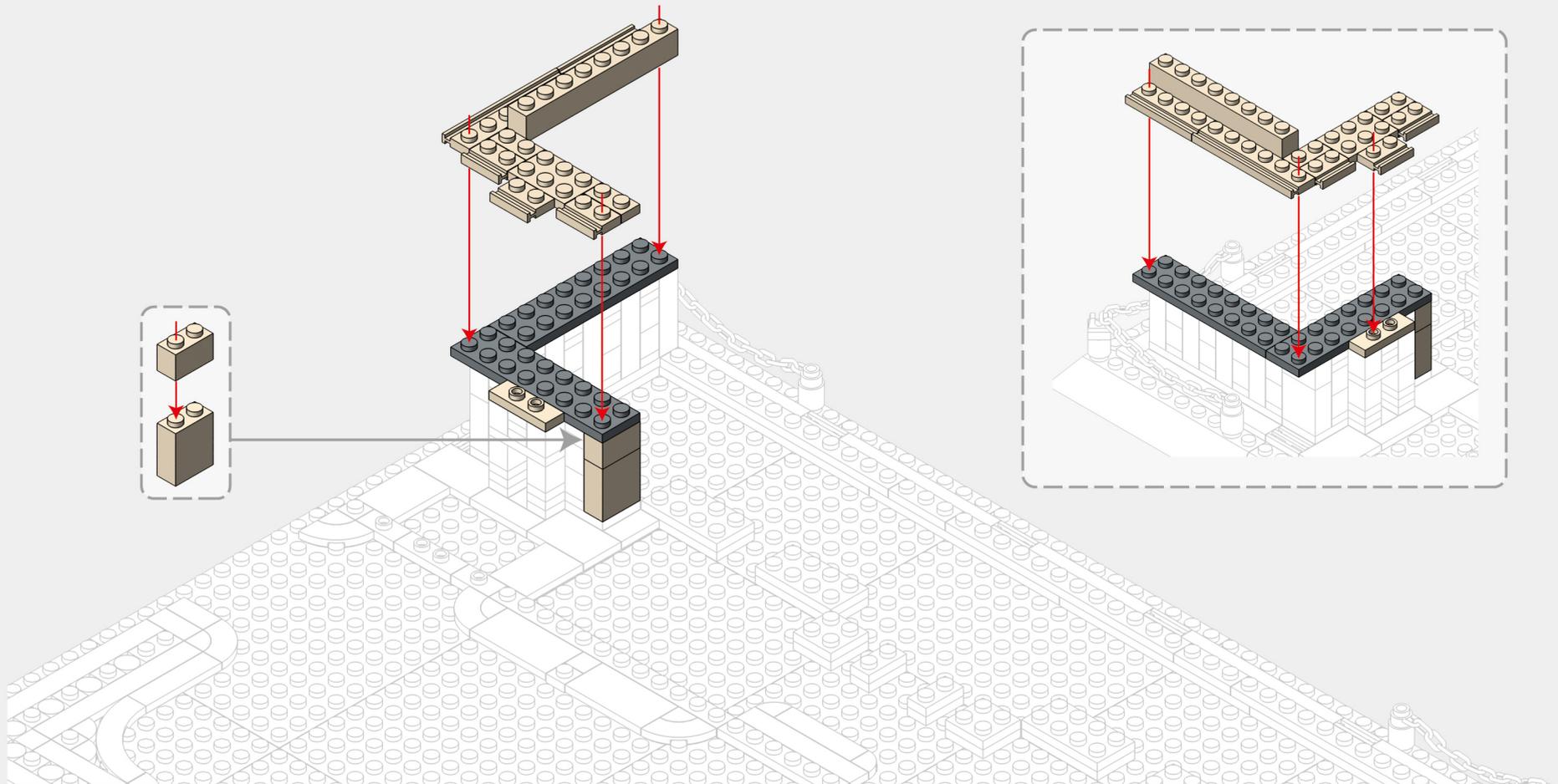
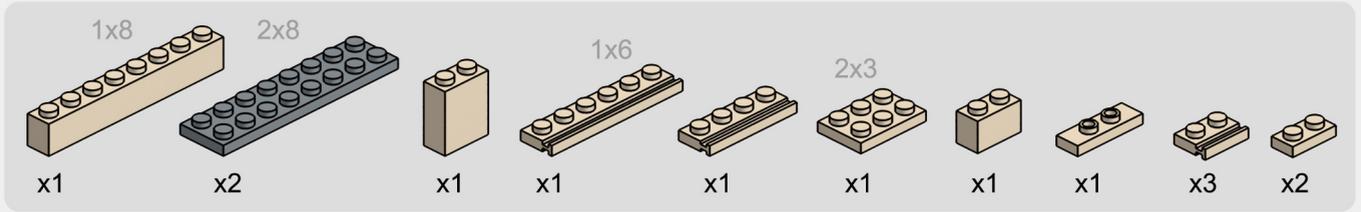


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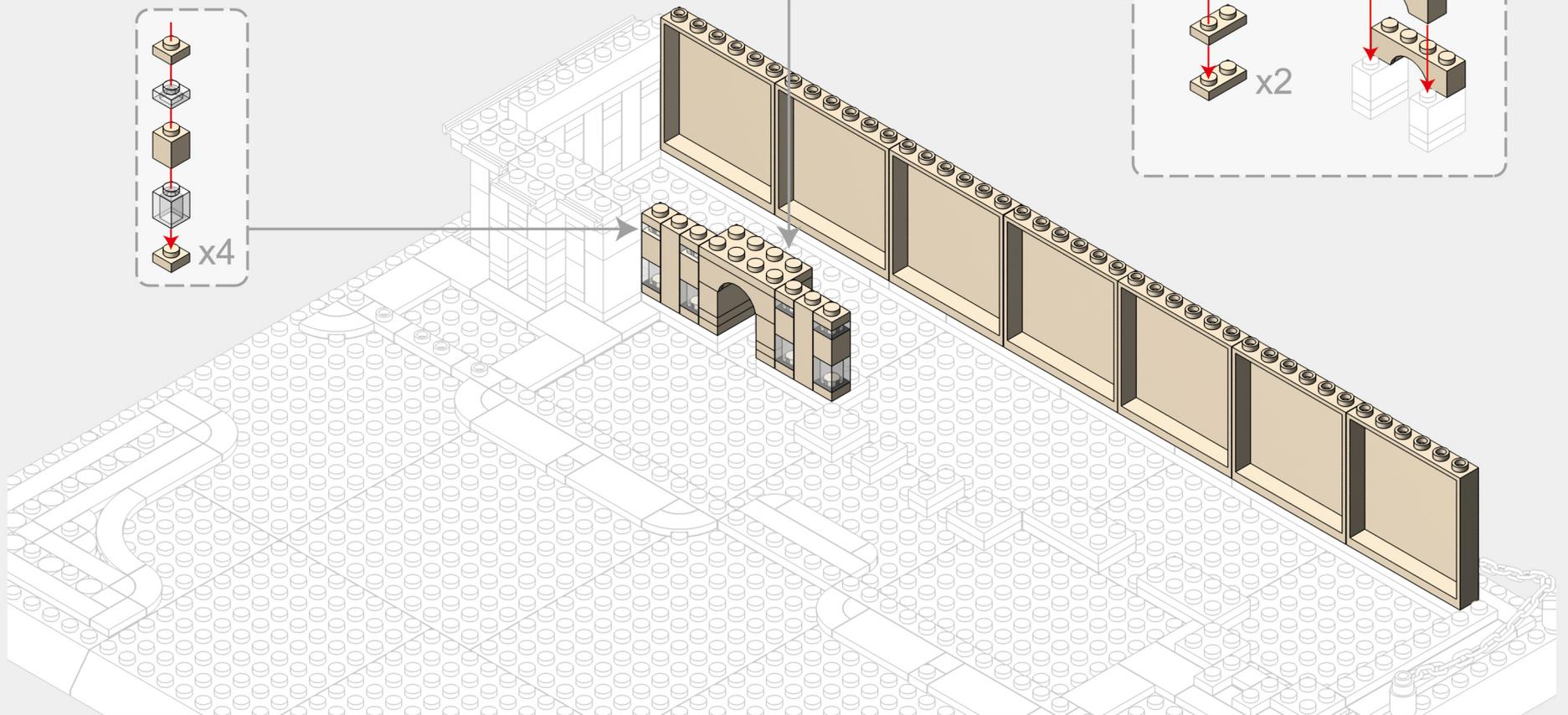
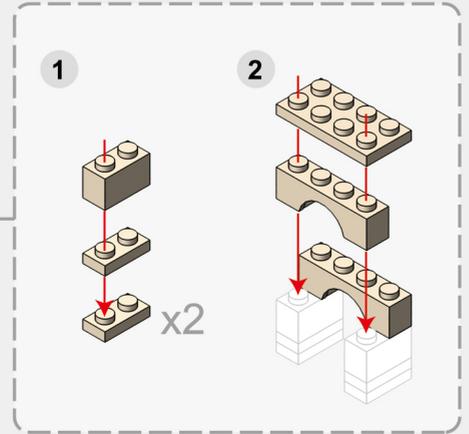
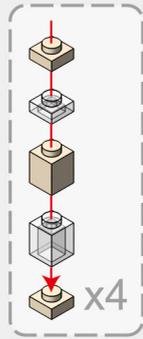
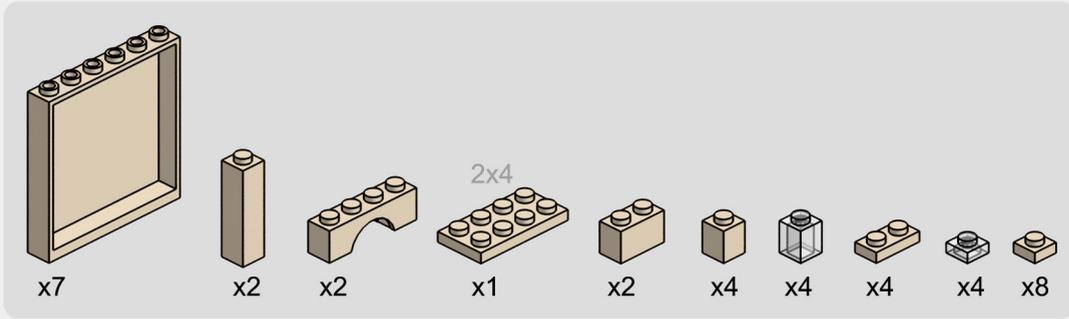




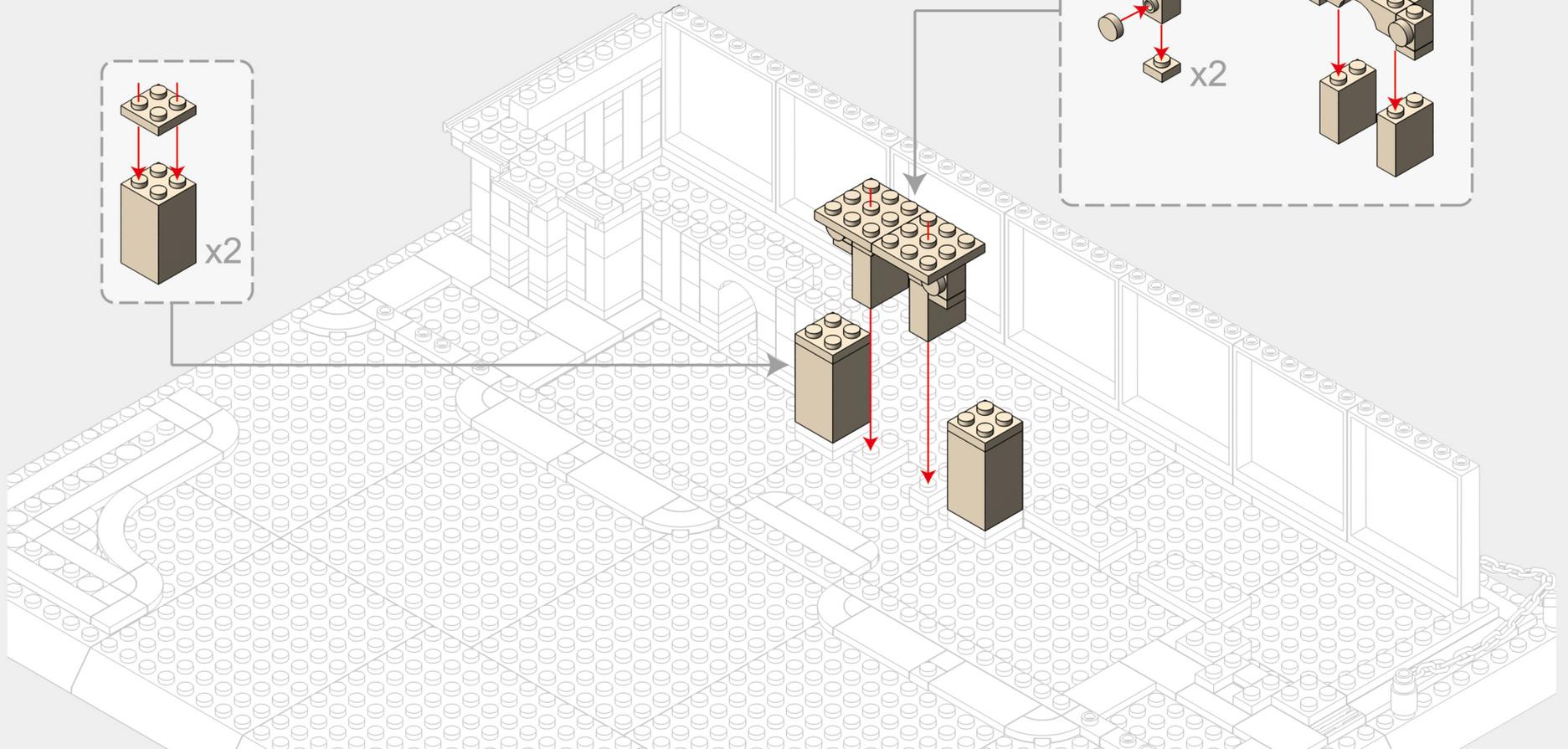
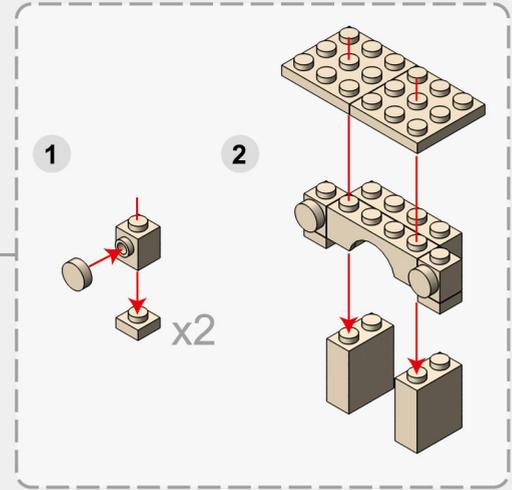
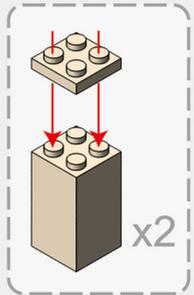
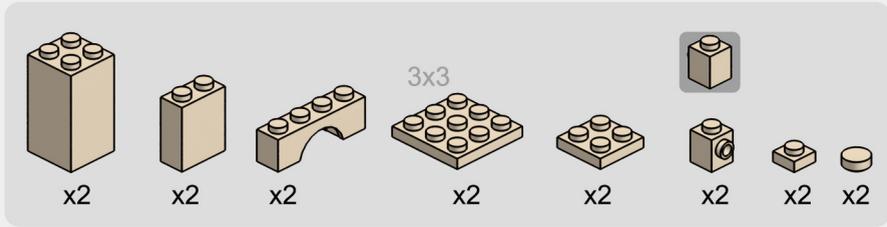
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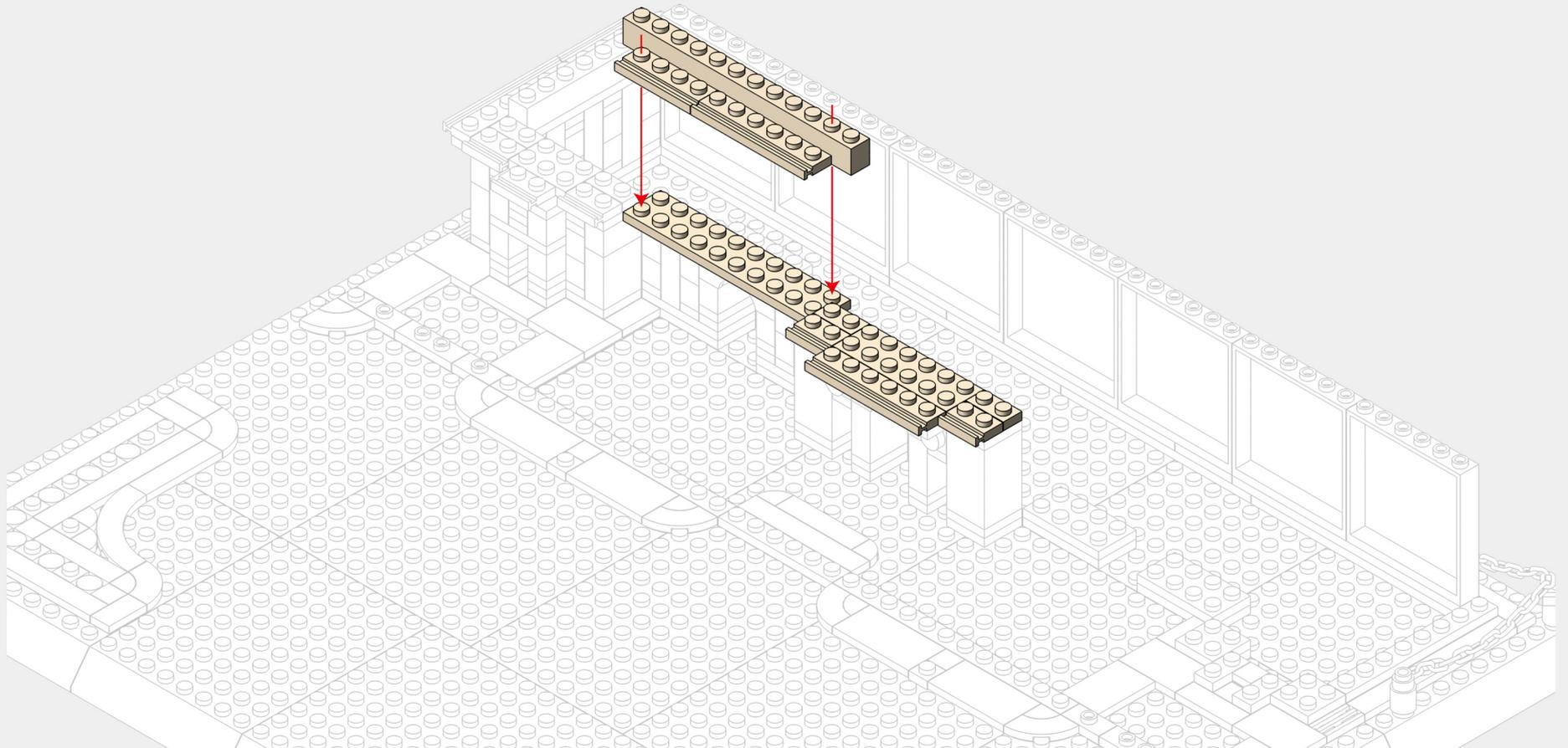
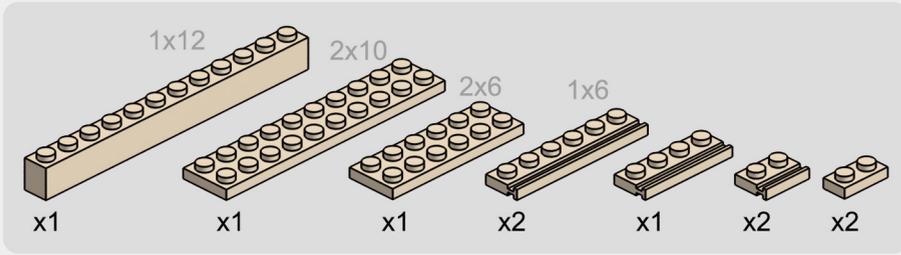
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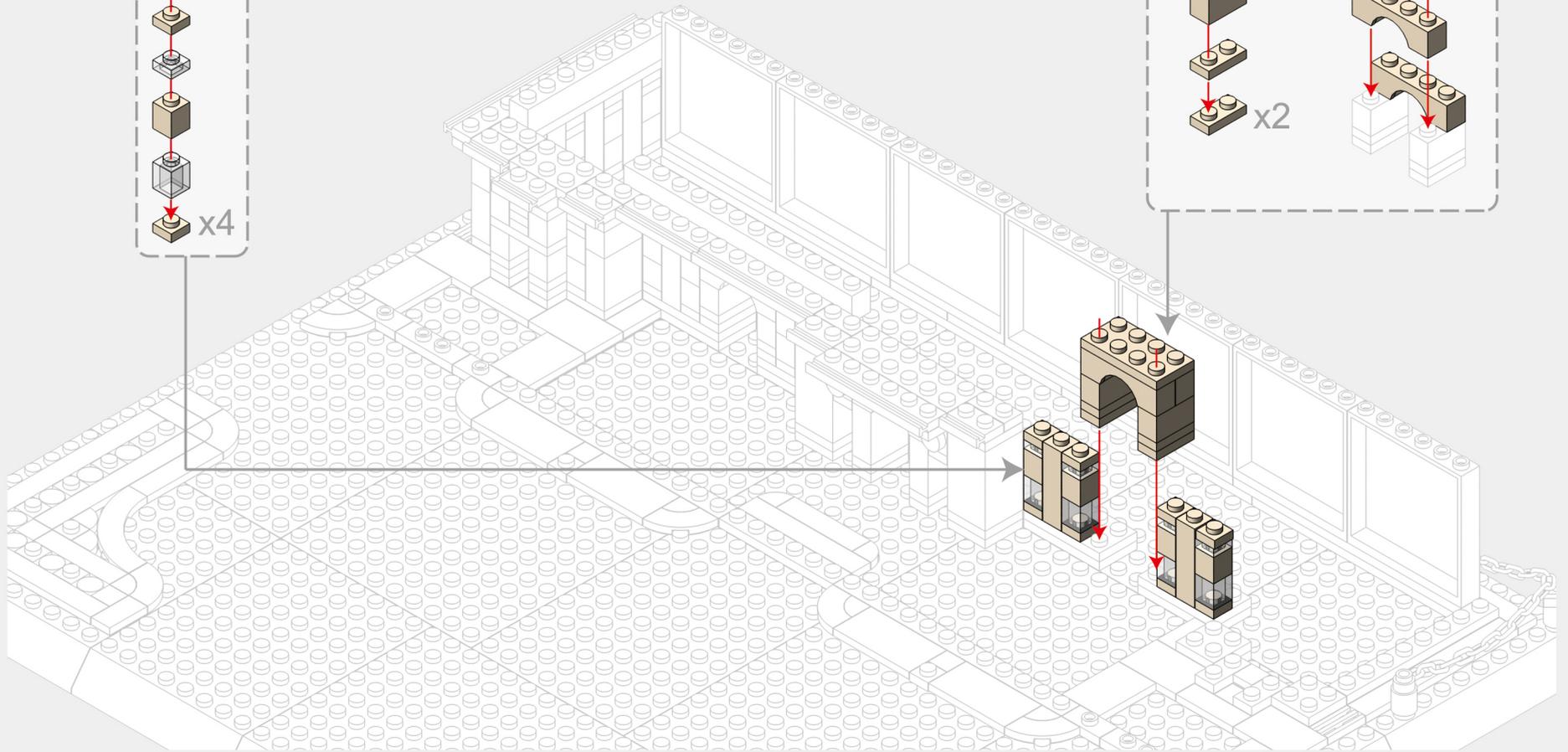
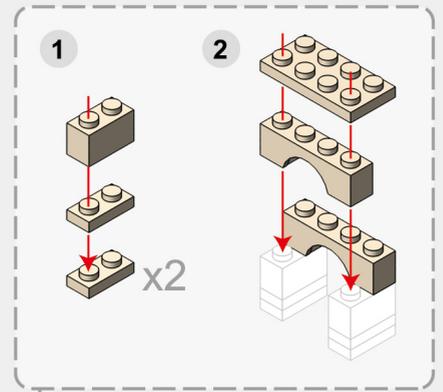
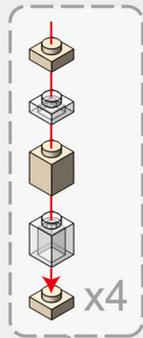
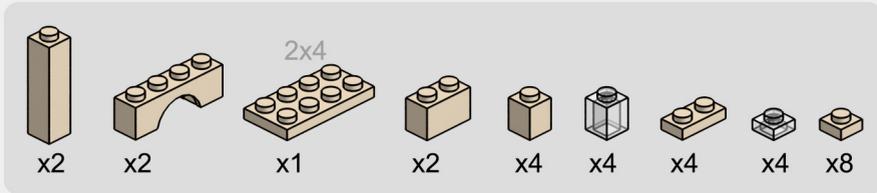
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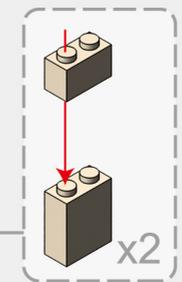
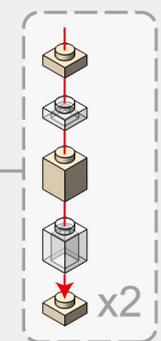
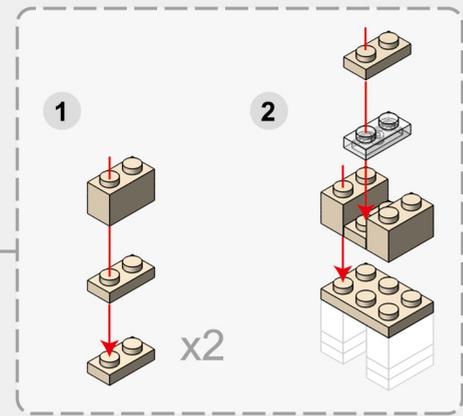
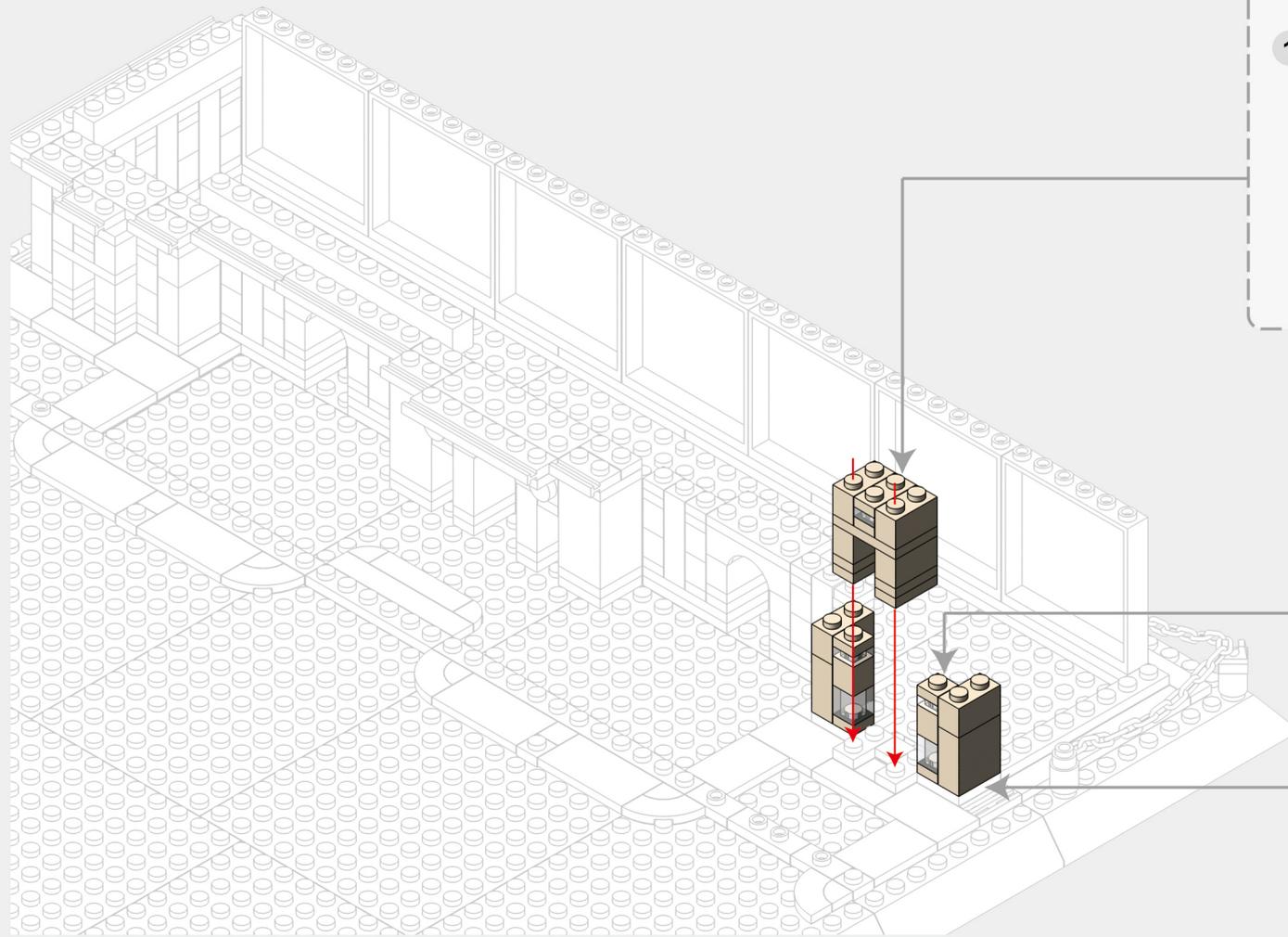


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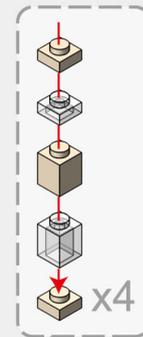
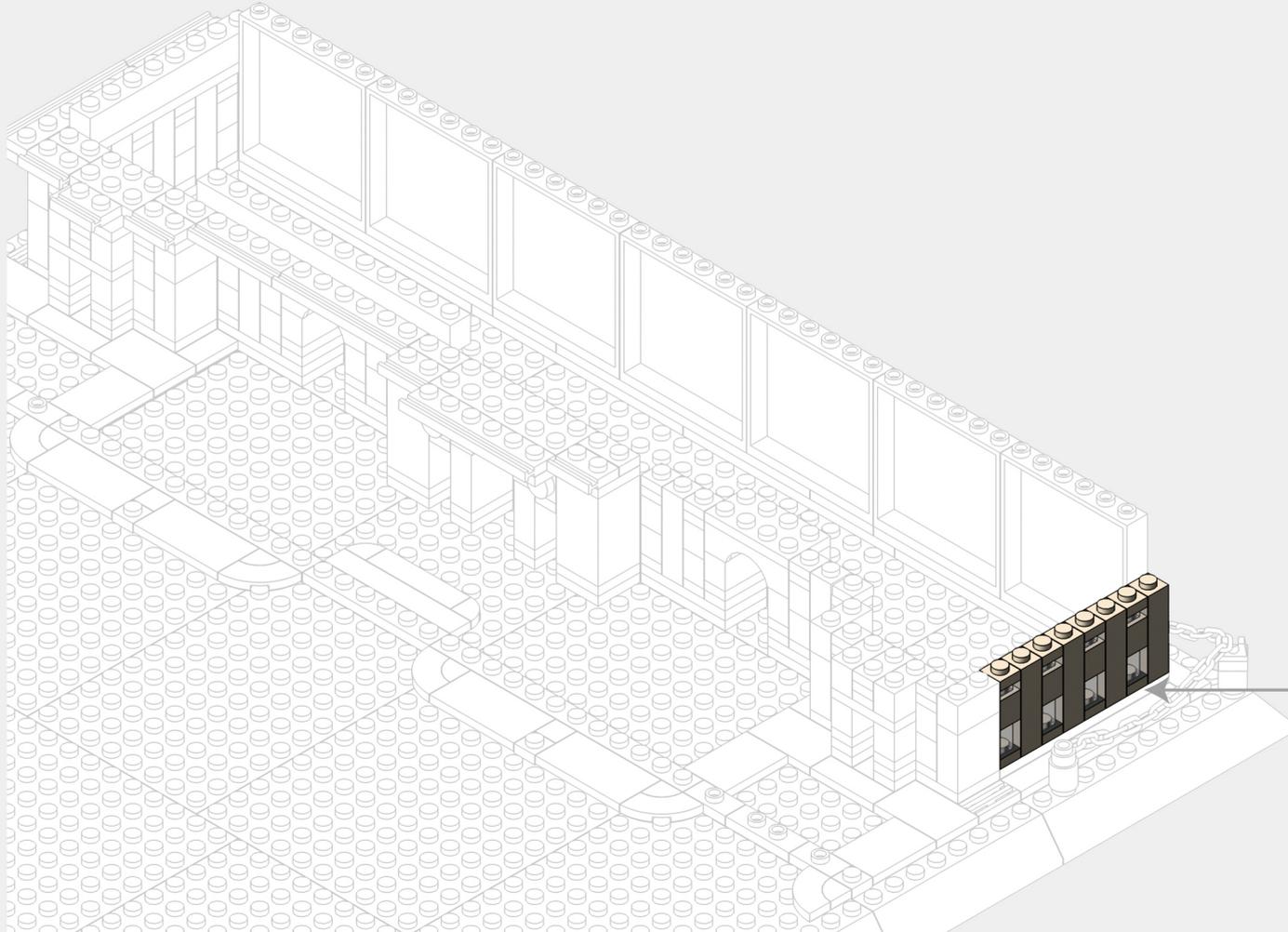
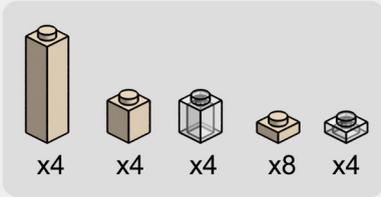


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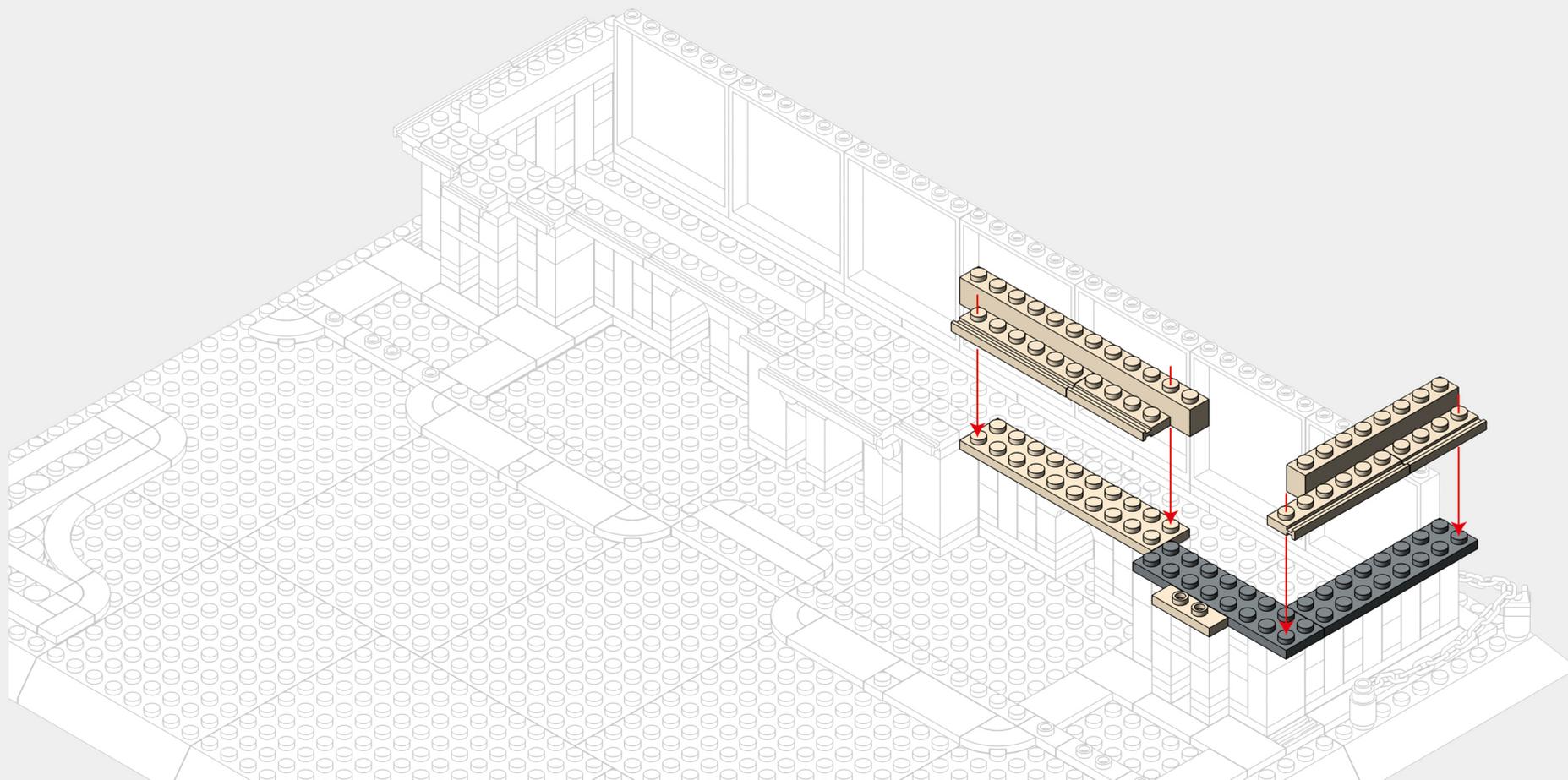
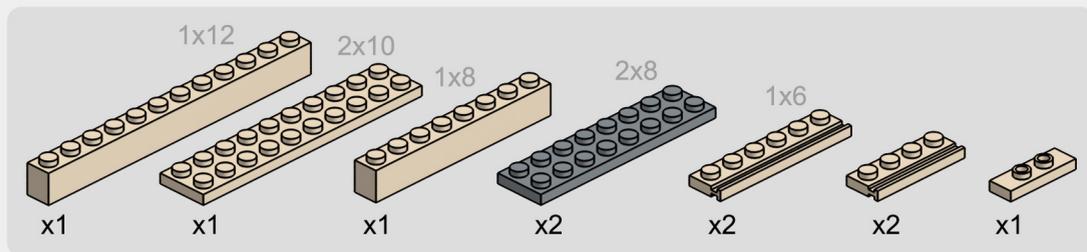
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-  x6
-  x2
-  x2
-  x6
-  x1
-  x4
-  x2



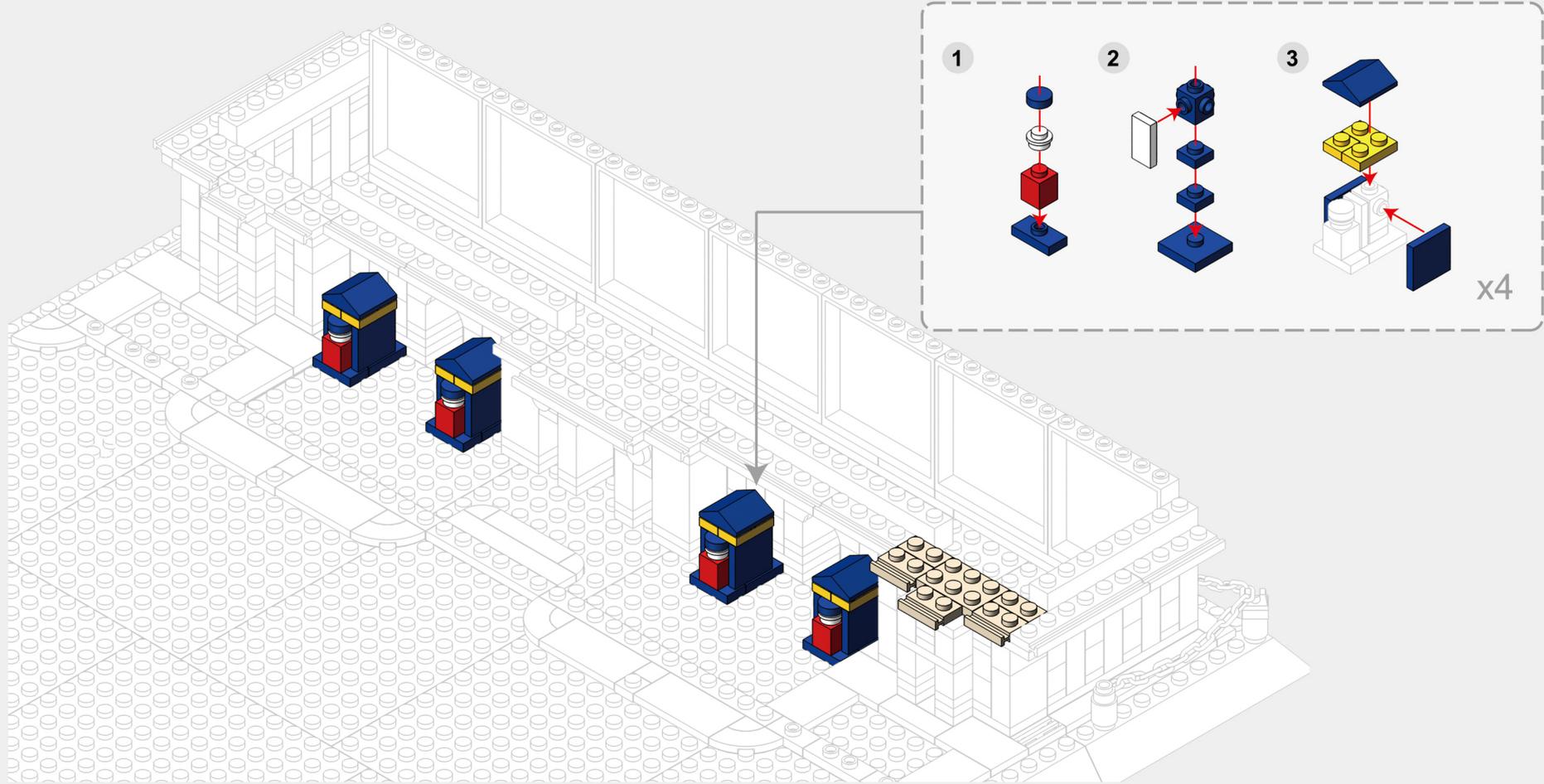
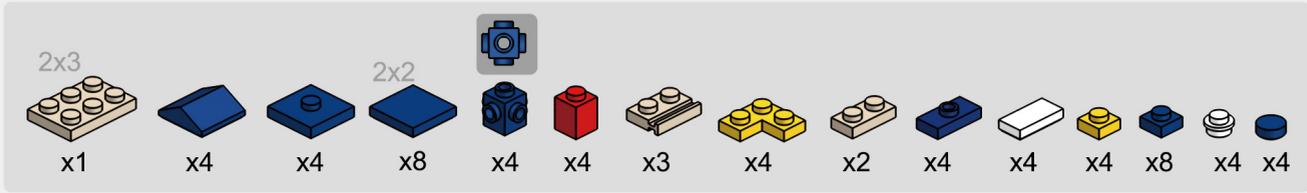
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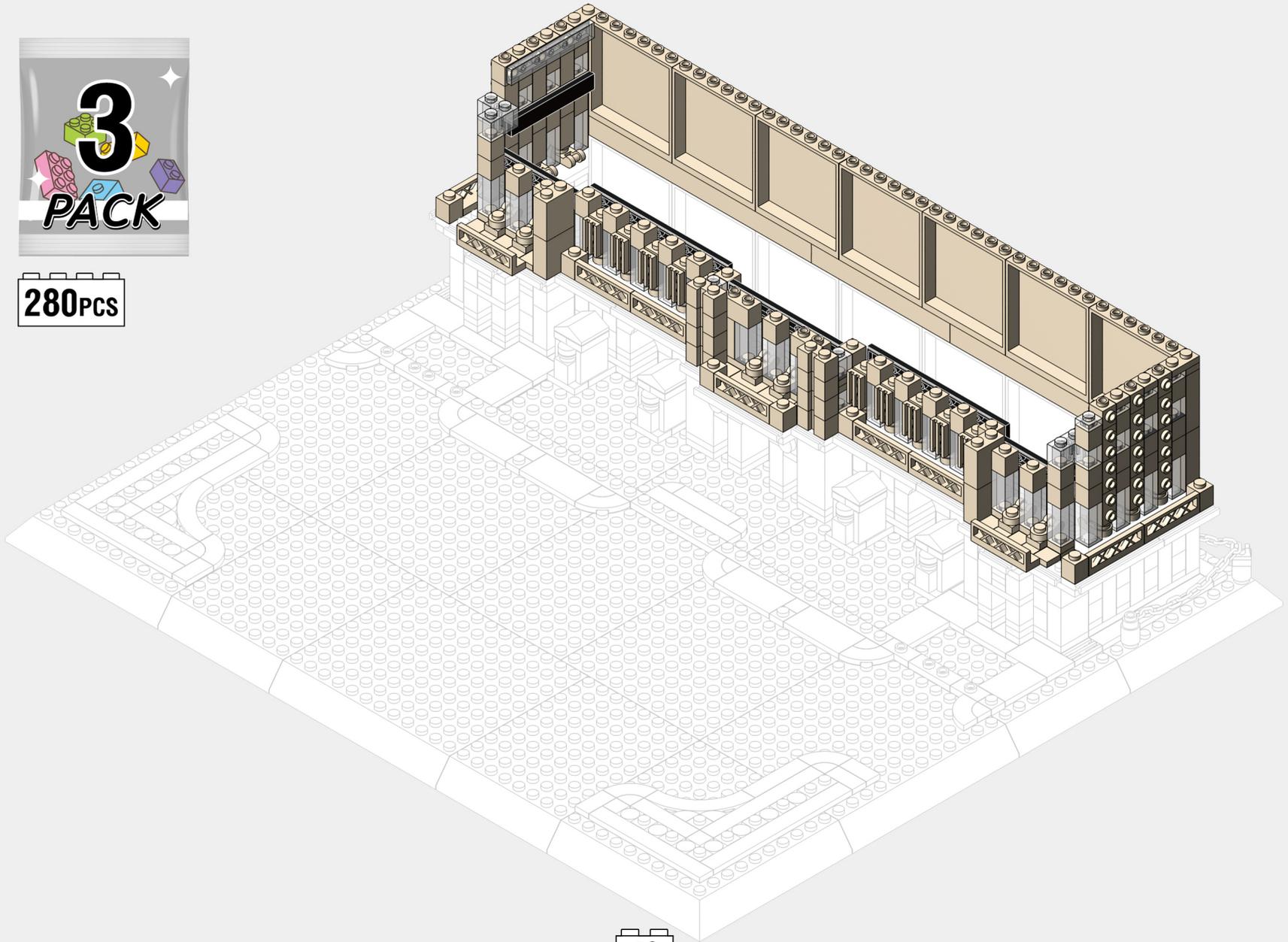


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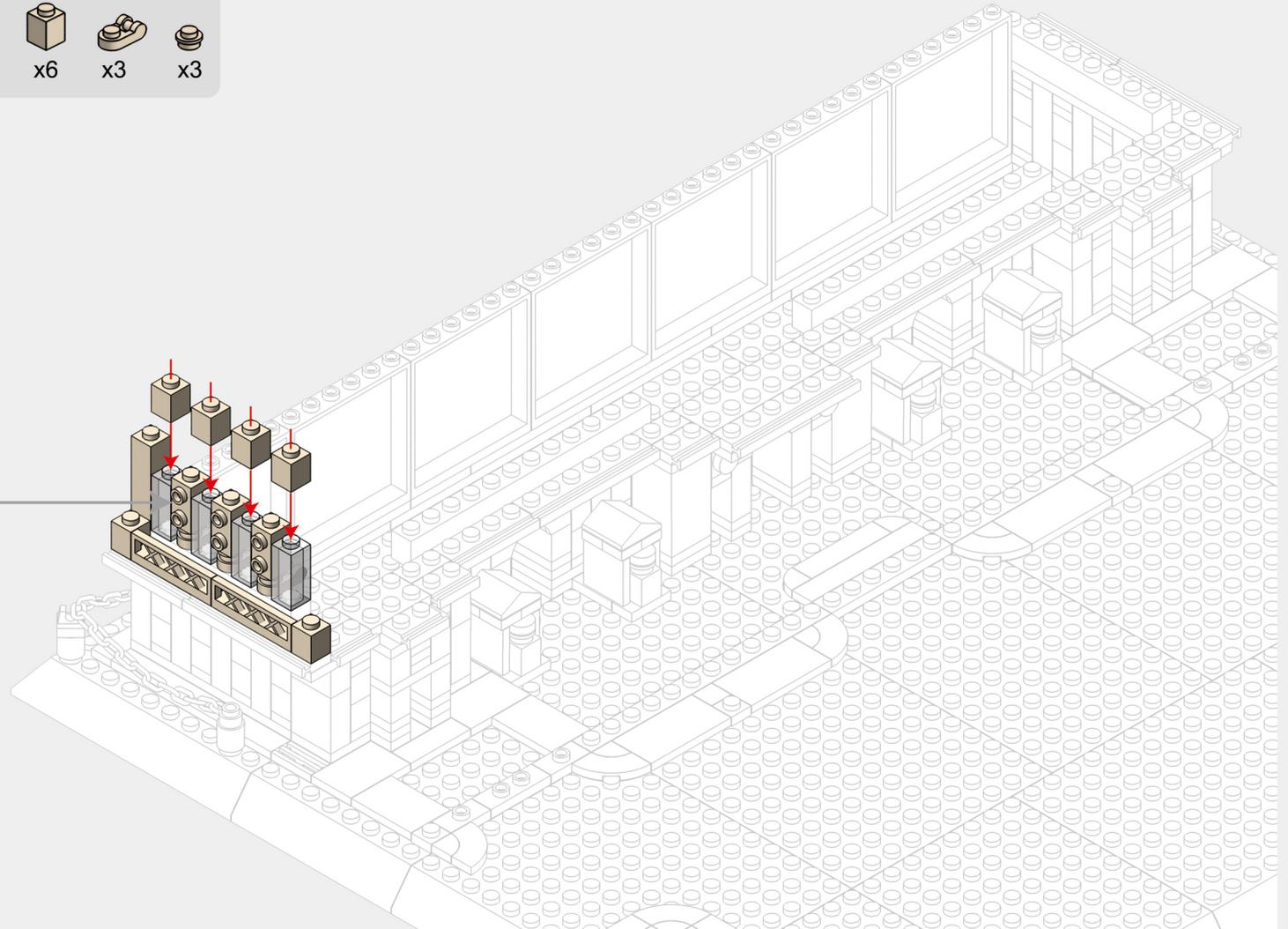
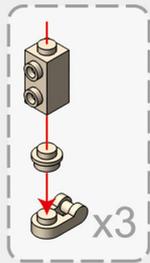
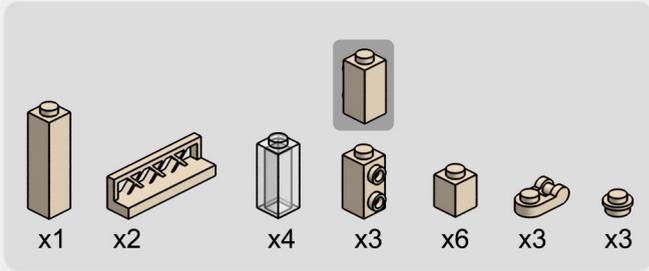




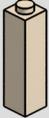
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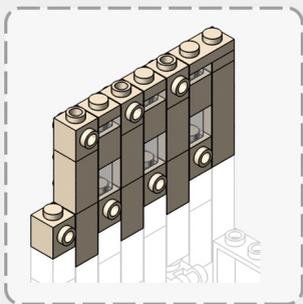
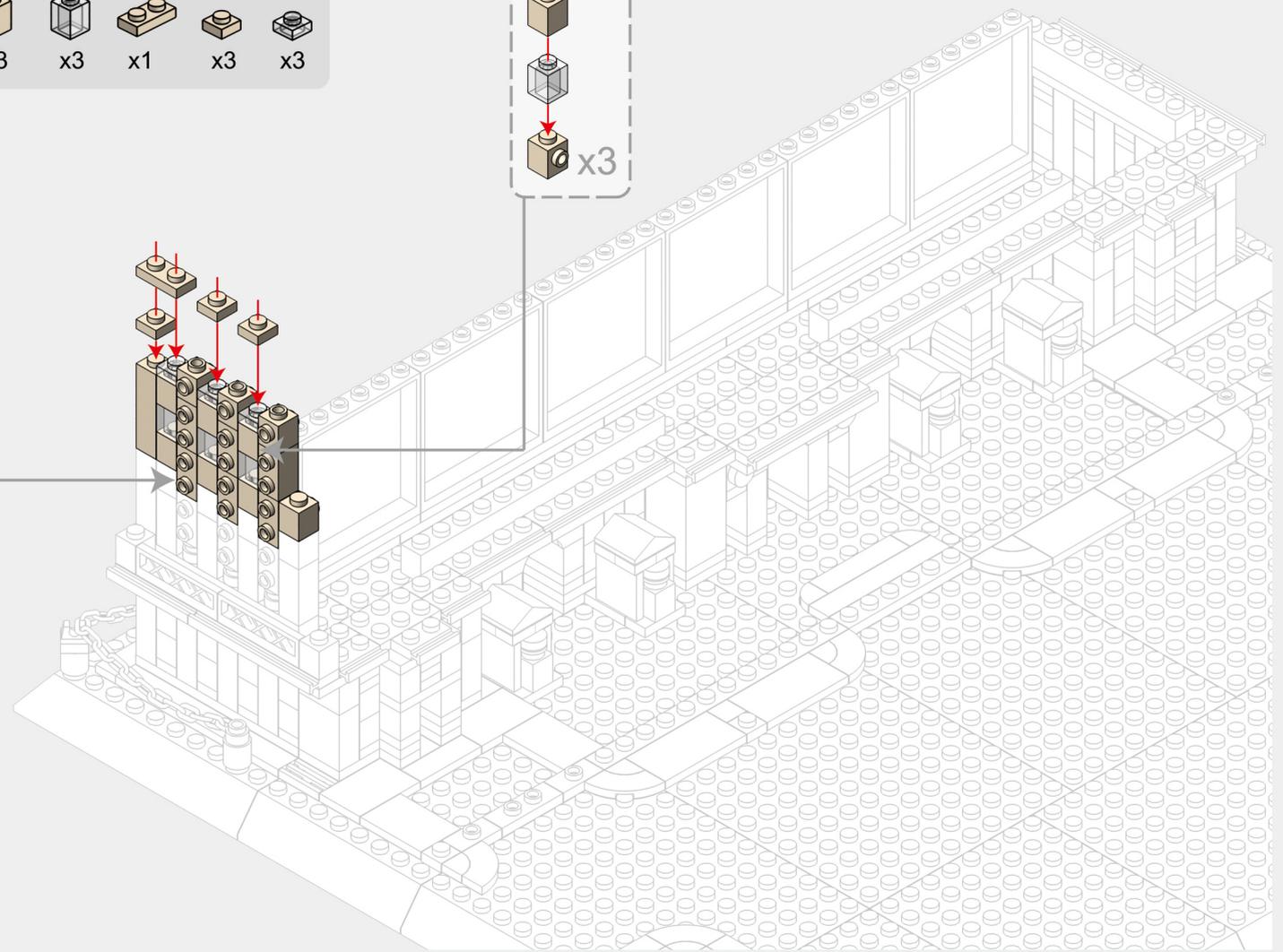
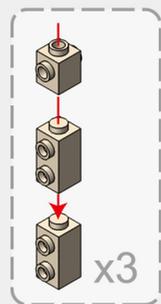
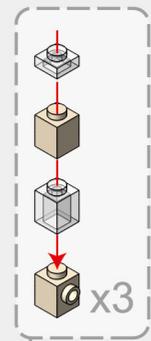


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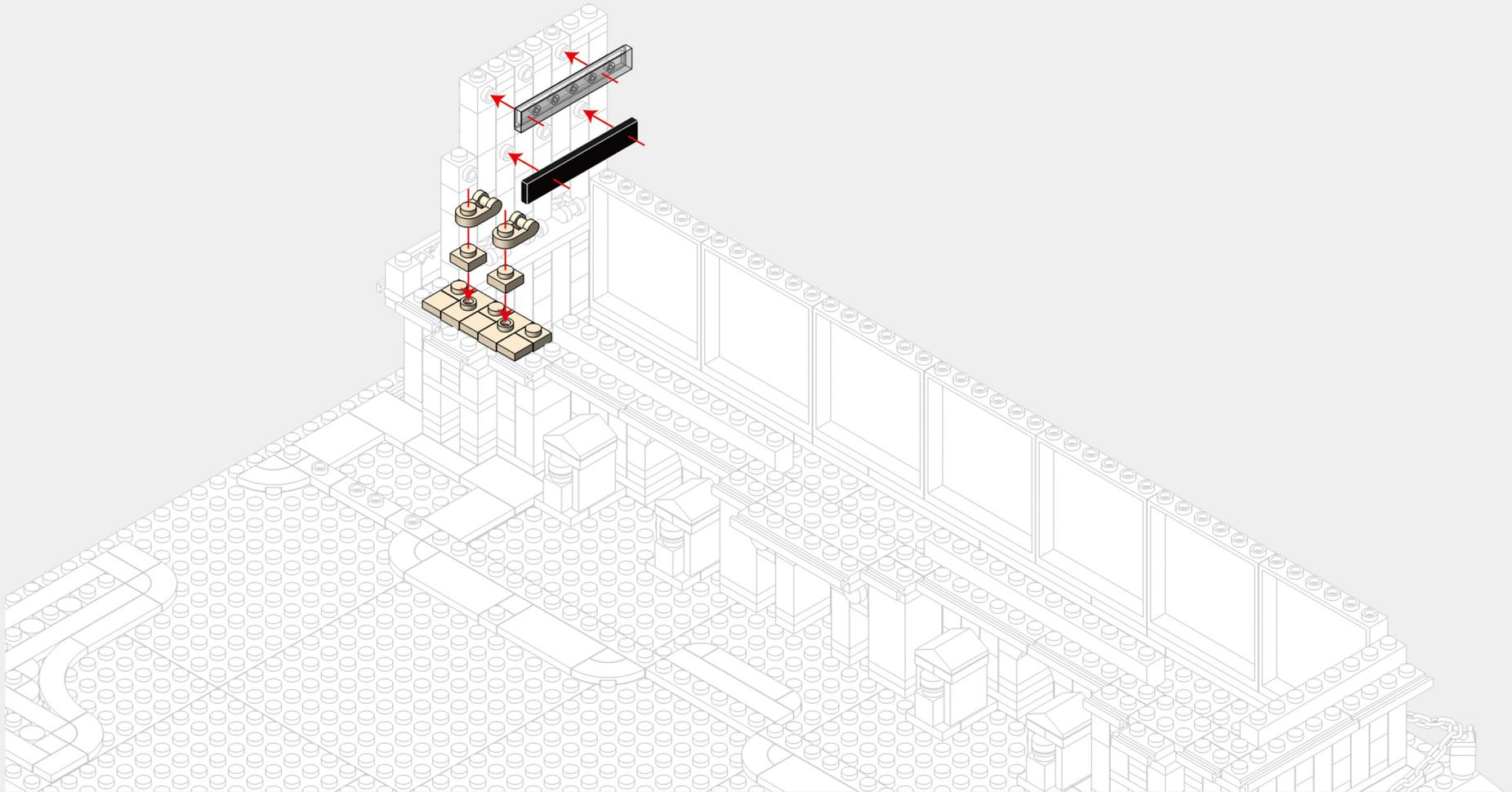
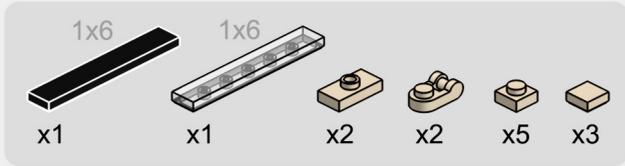


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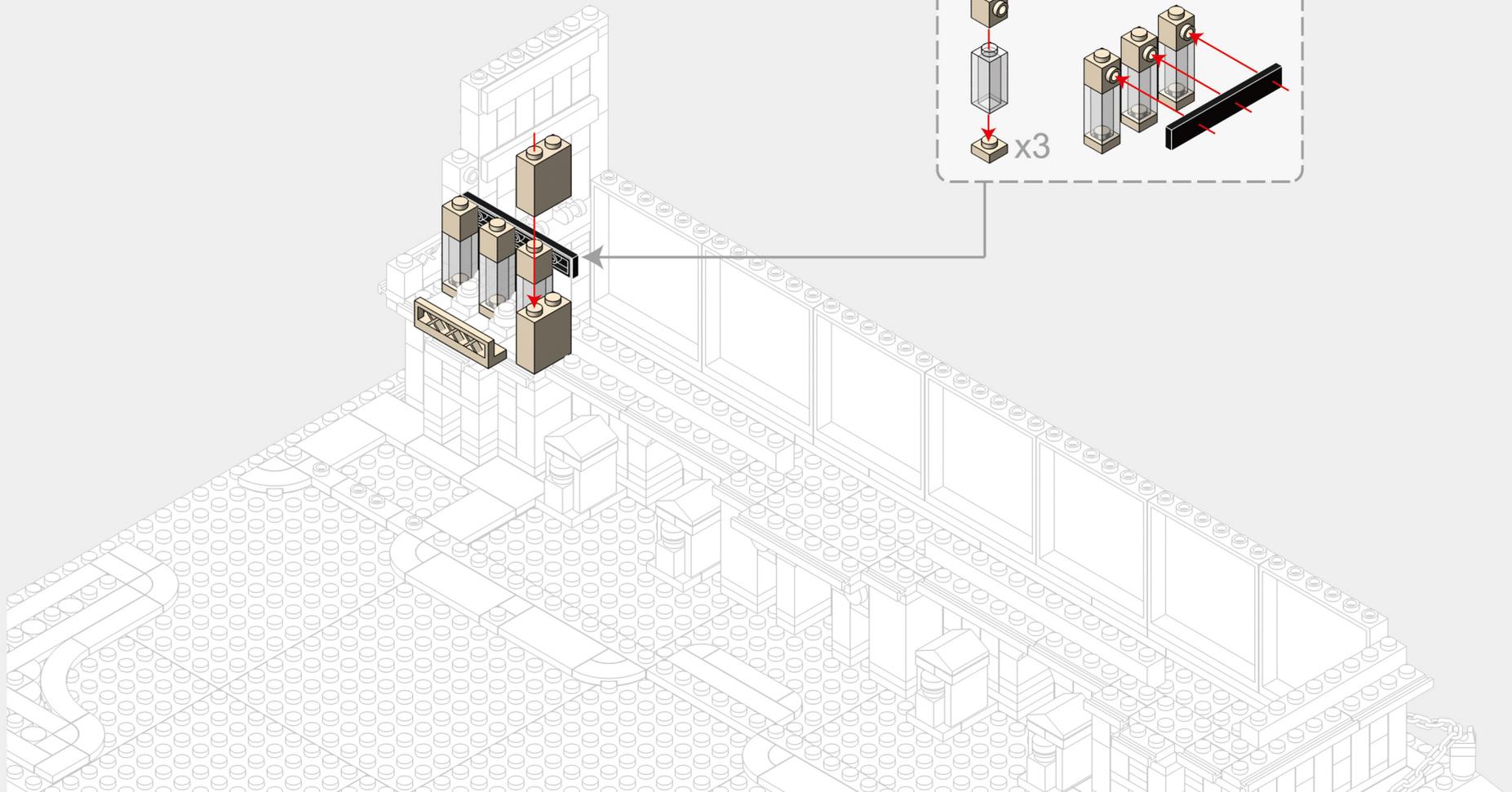
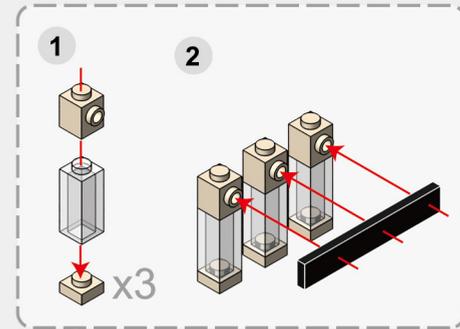
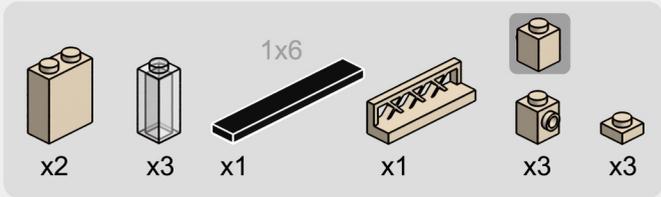
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-  x1
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-  x3



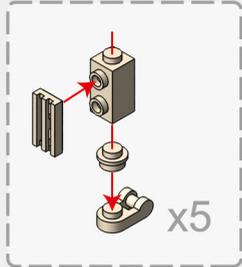
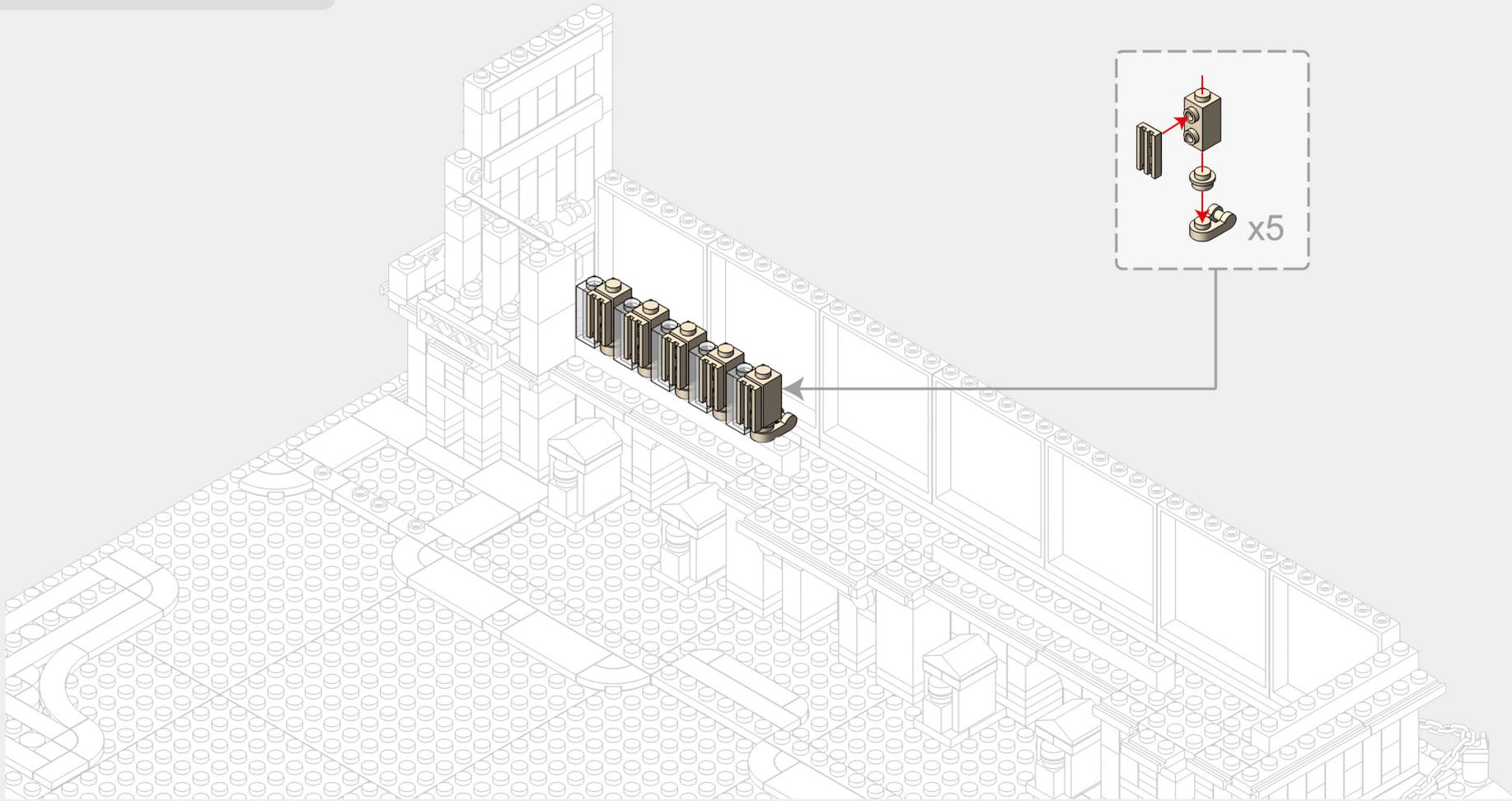
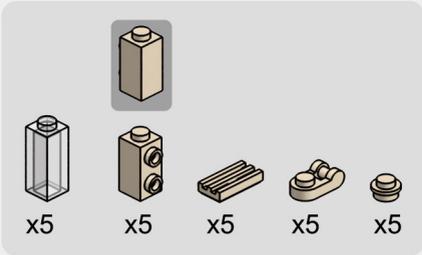
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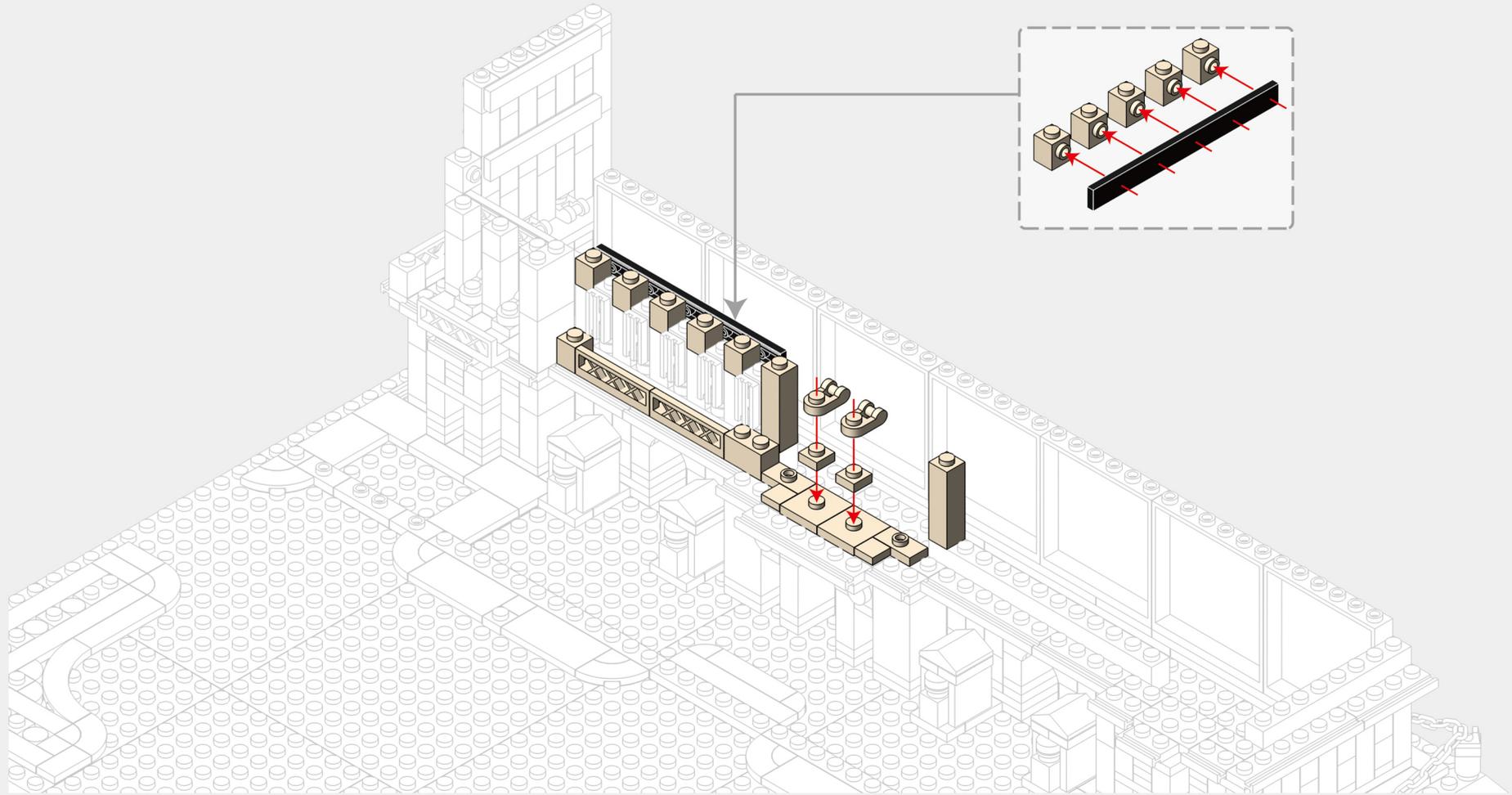
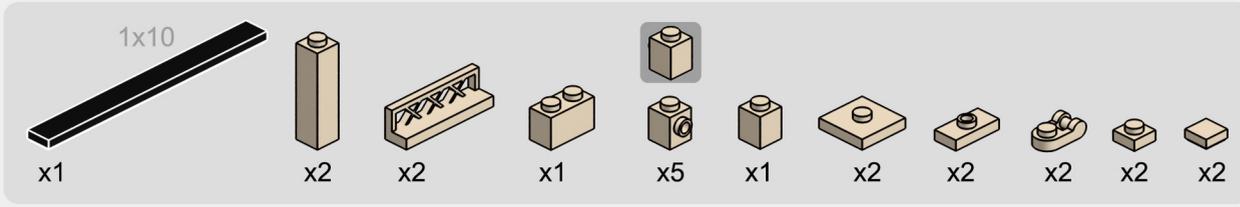
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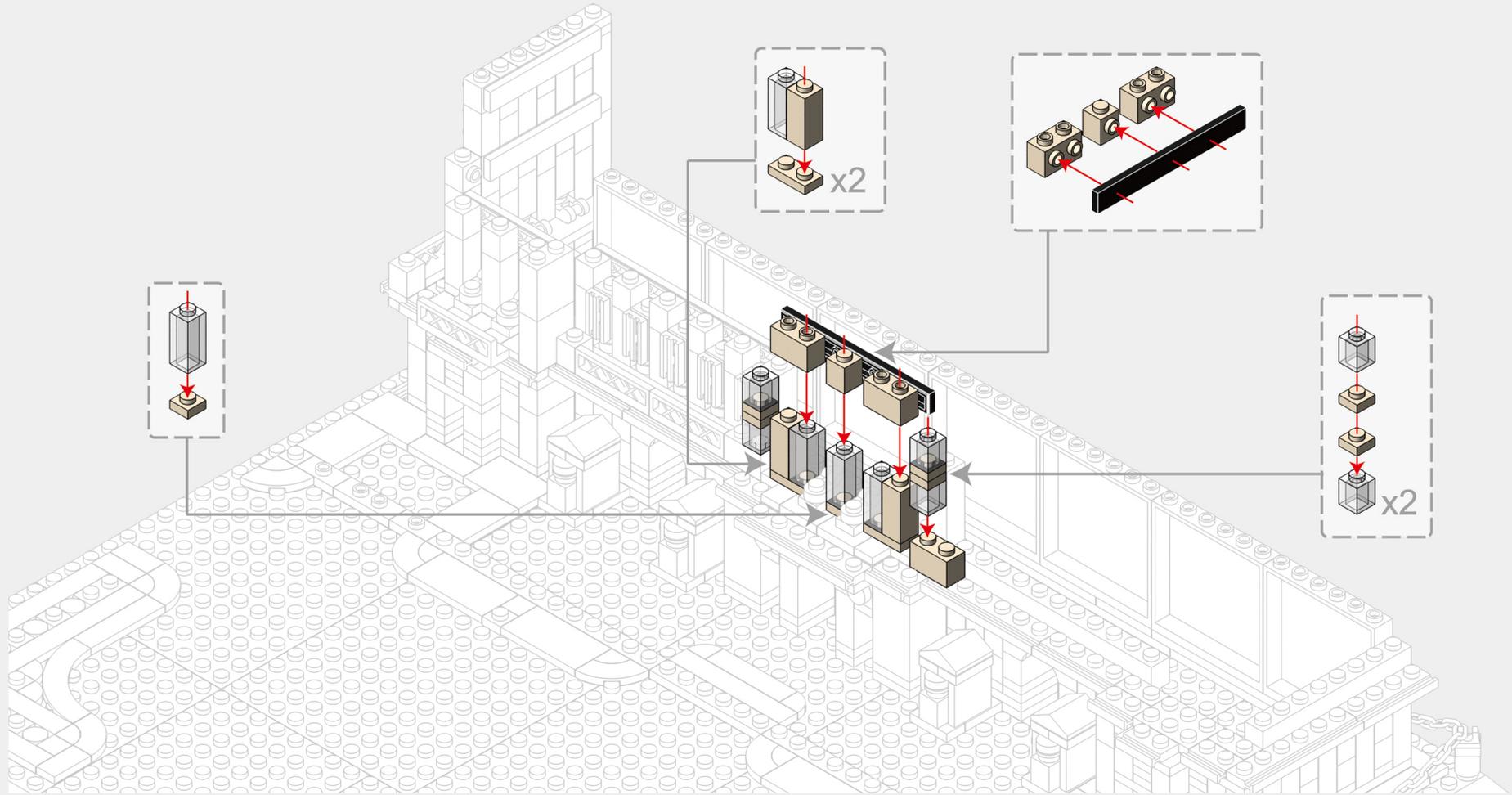
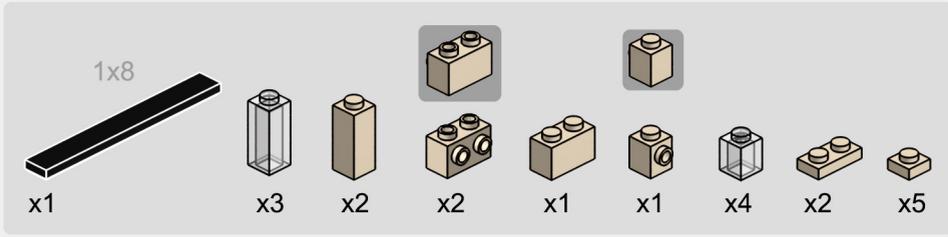
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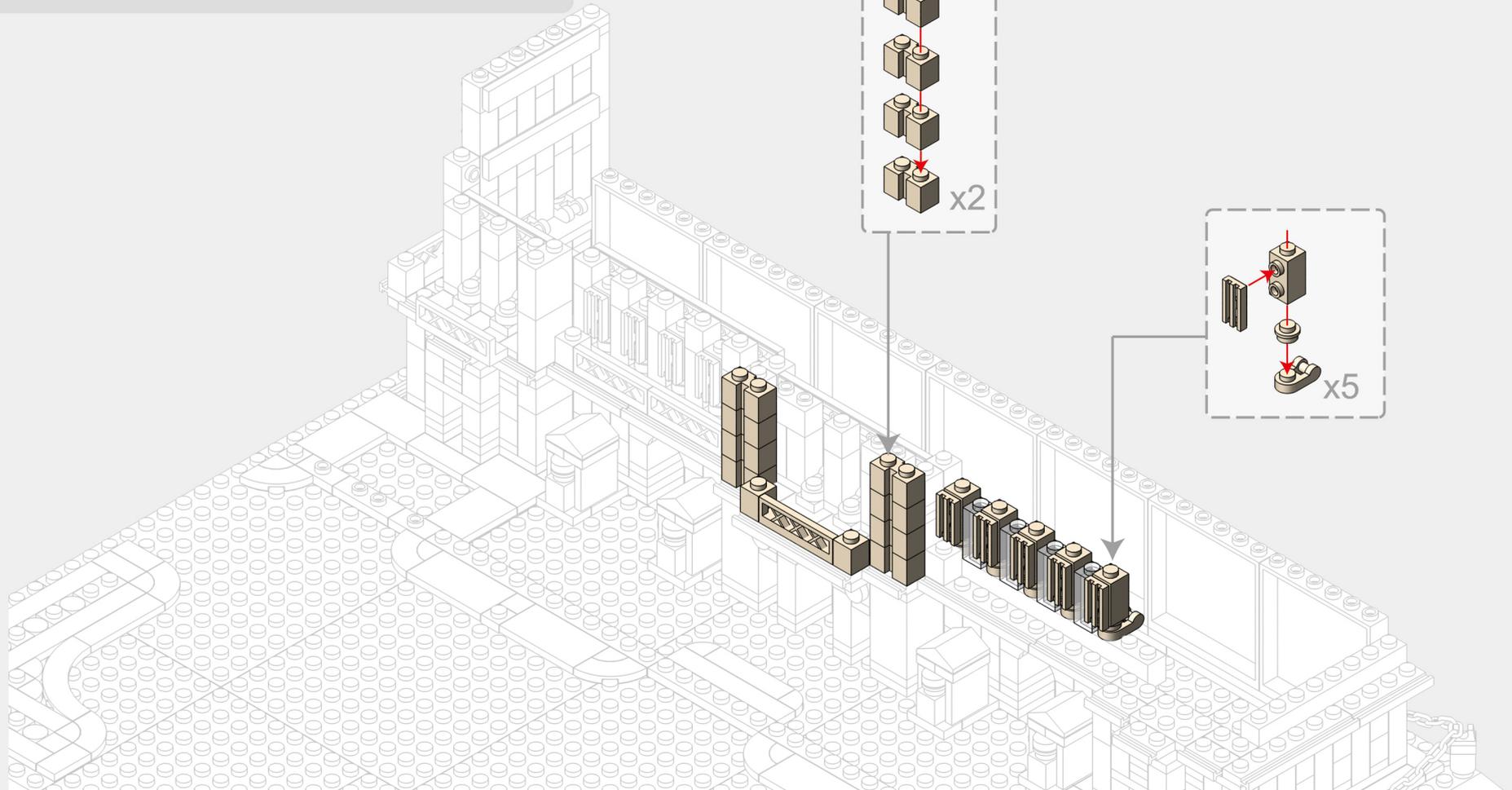
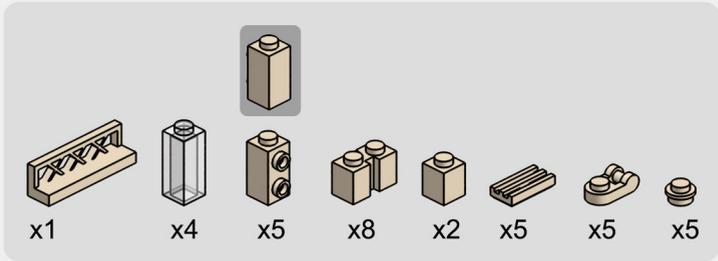
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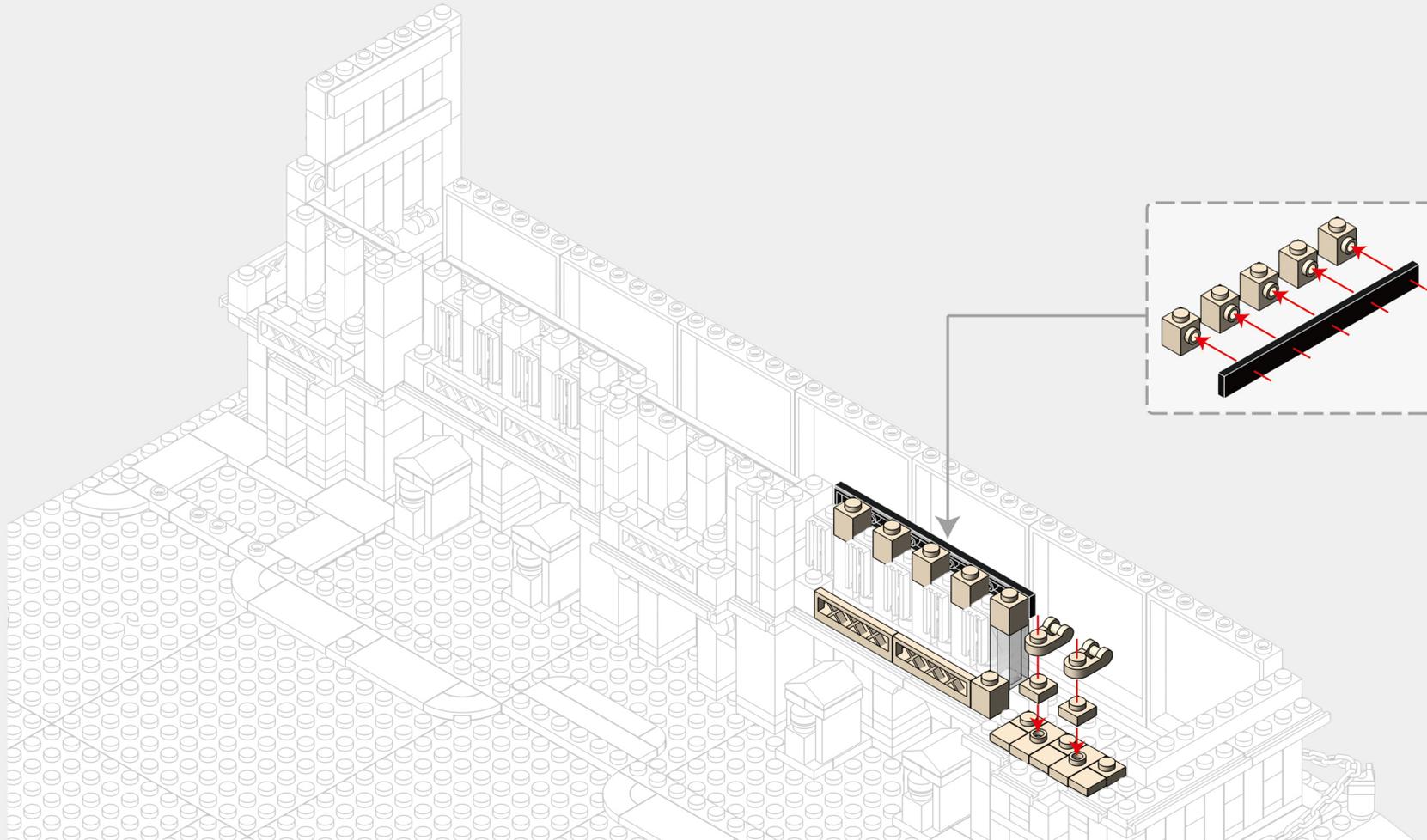


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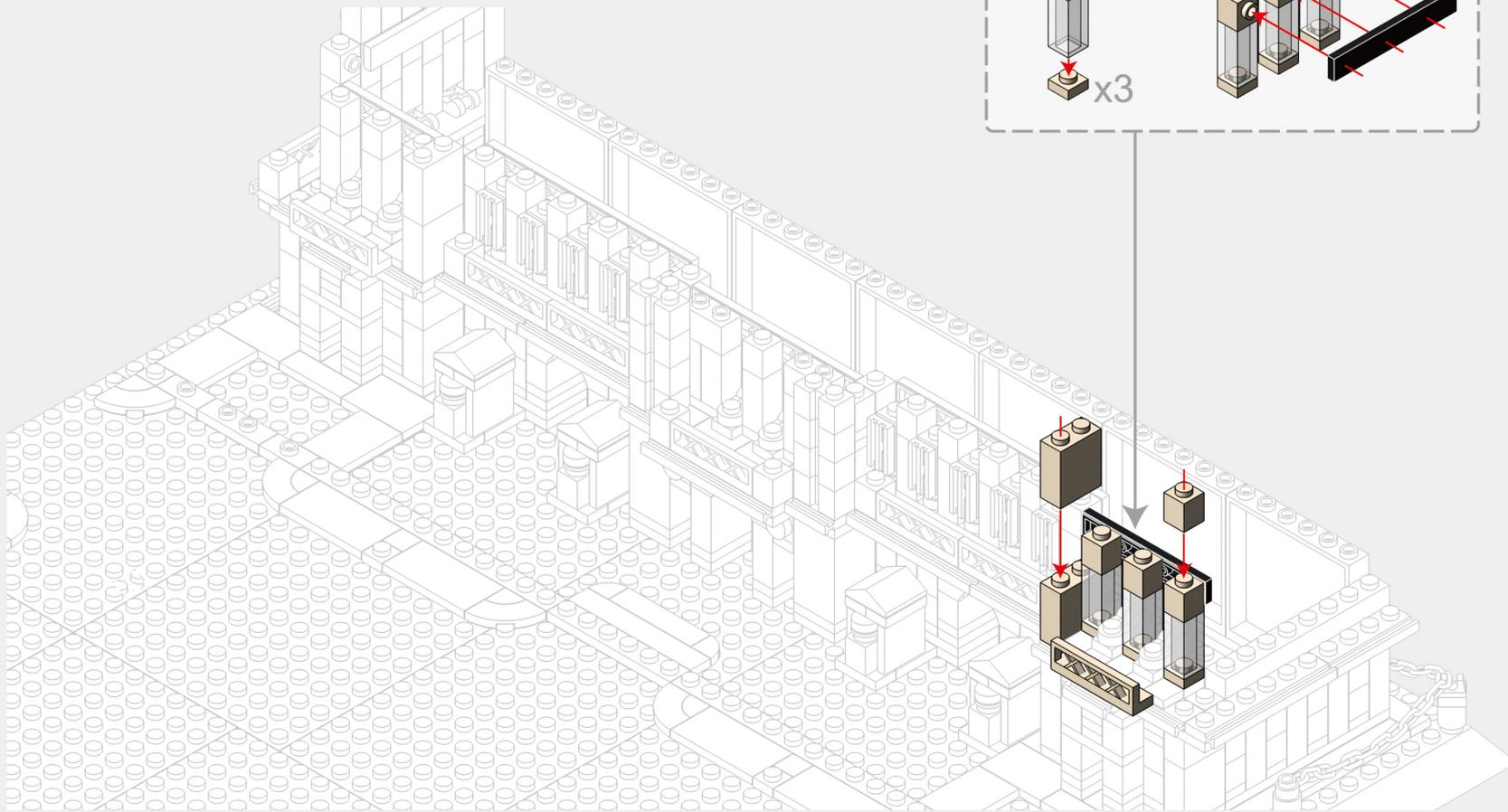
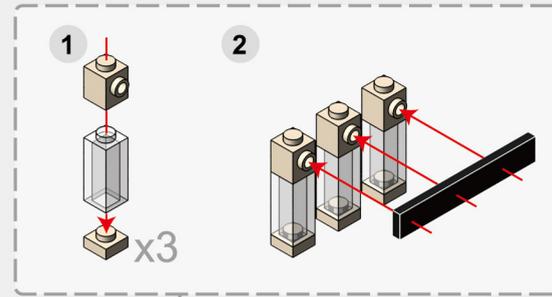
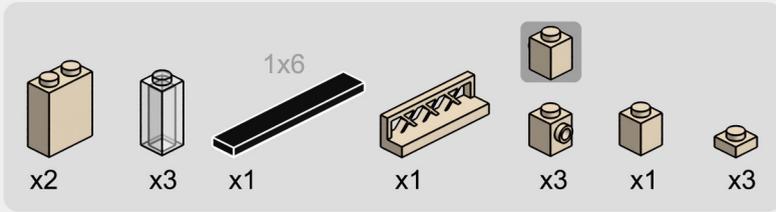


# 3-9

- 1x10
- x1
- x1
- x2
- x5
- x1
- x2
- x2
- x5
- x3

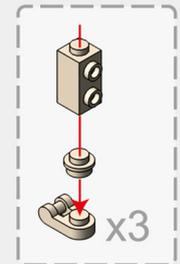
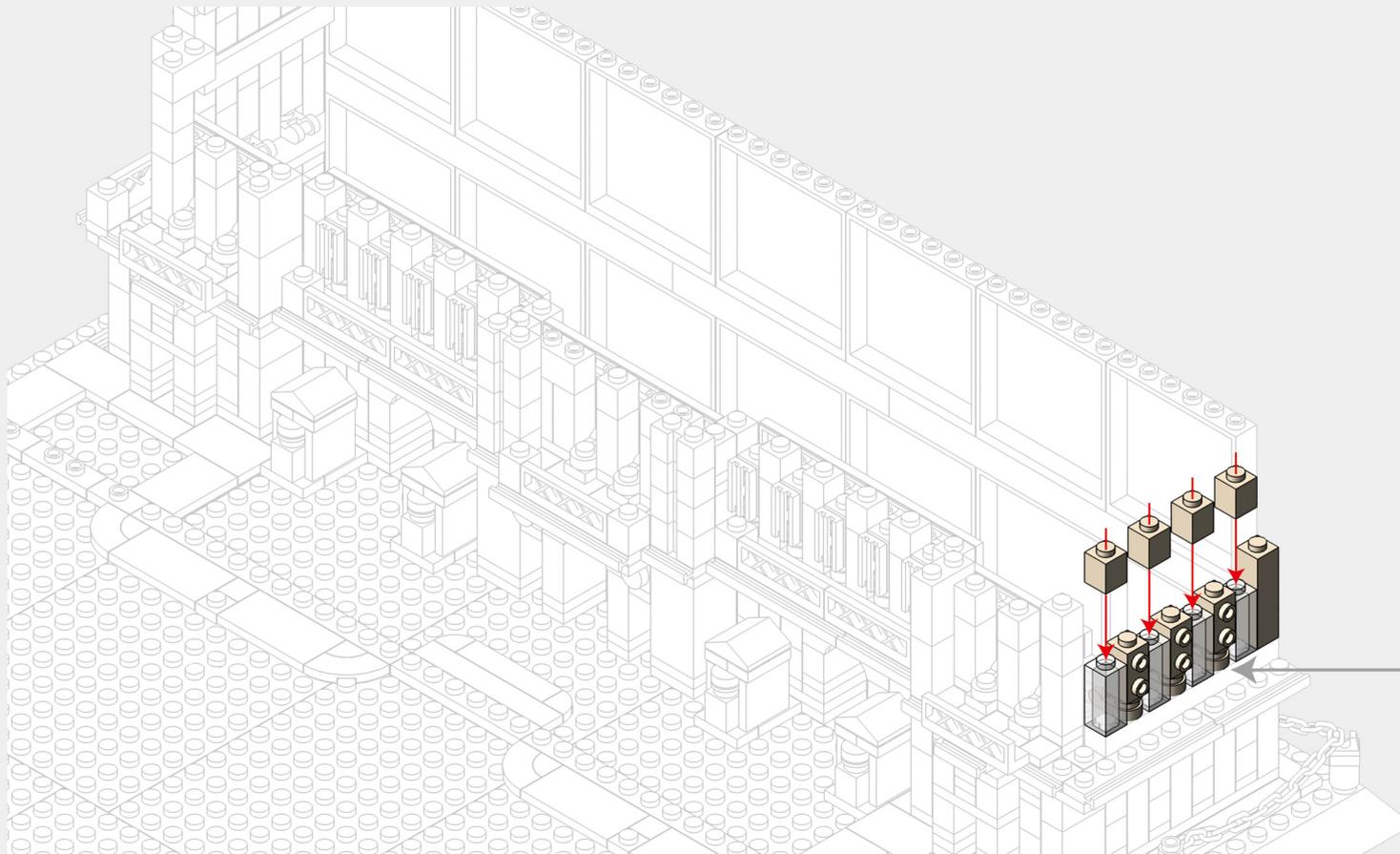
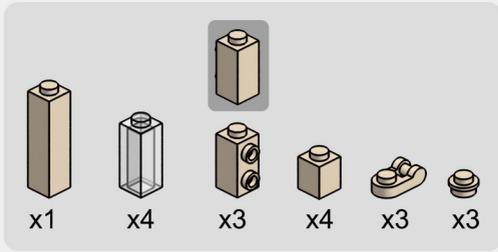


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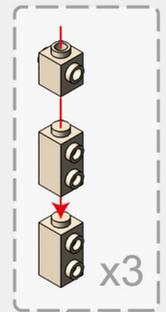
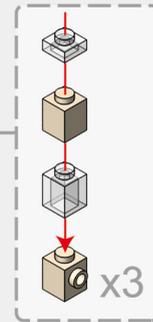
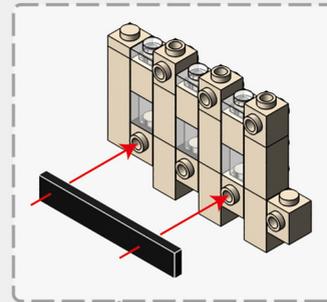
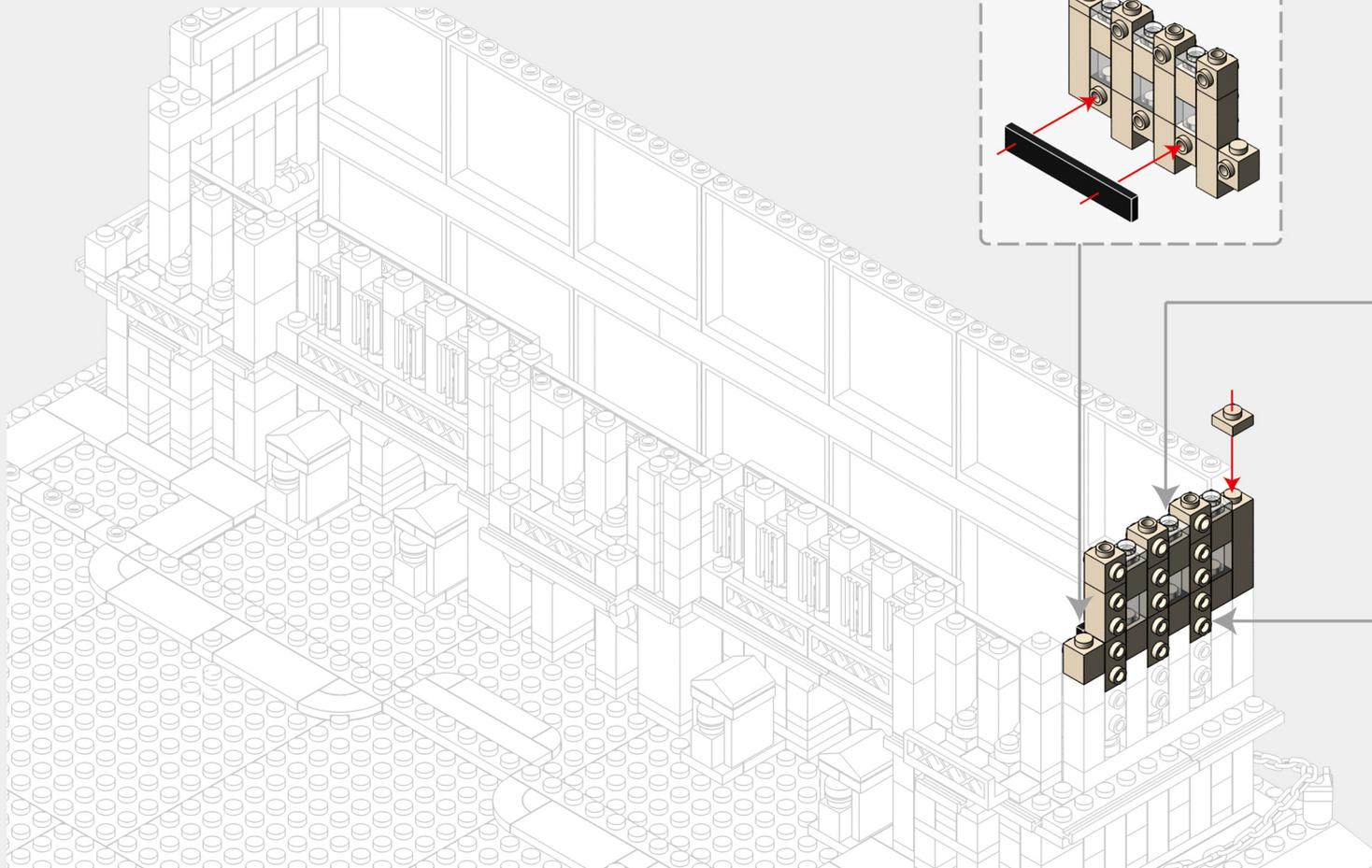
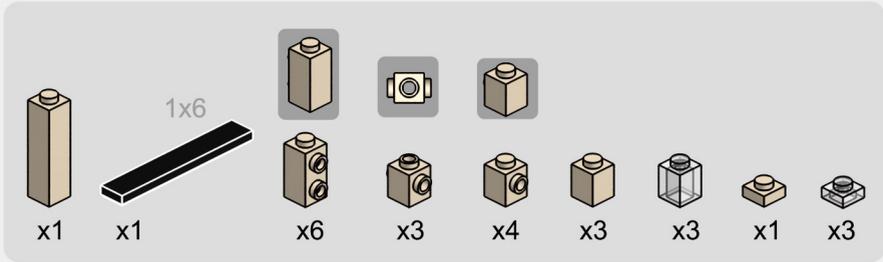




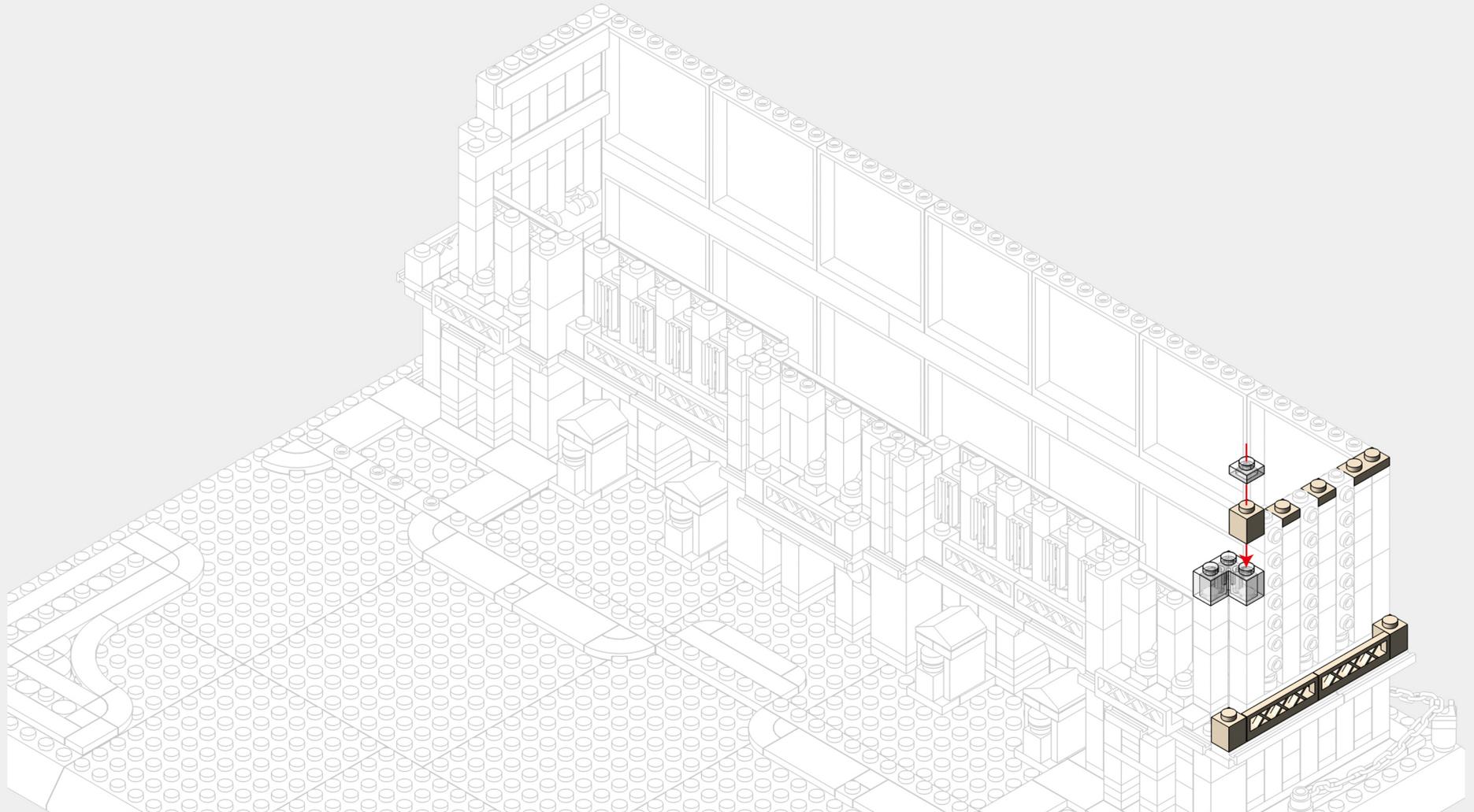
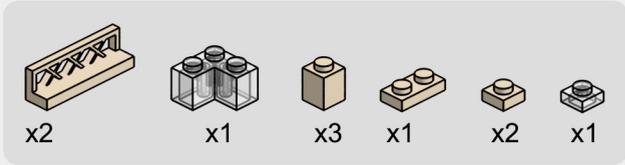
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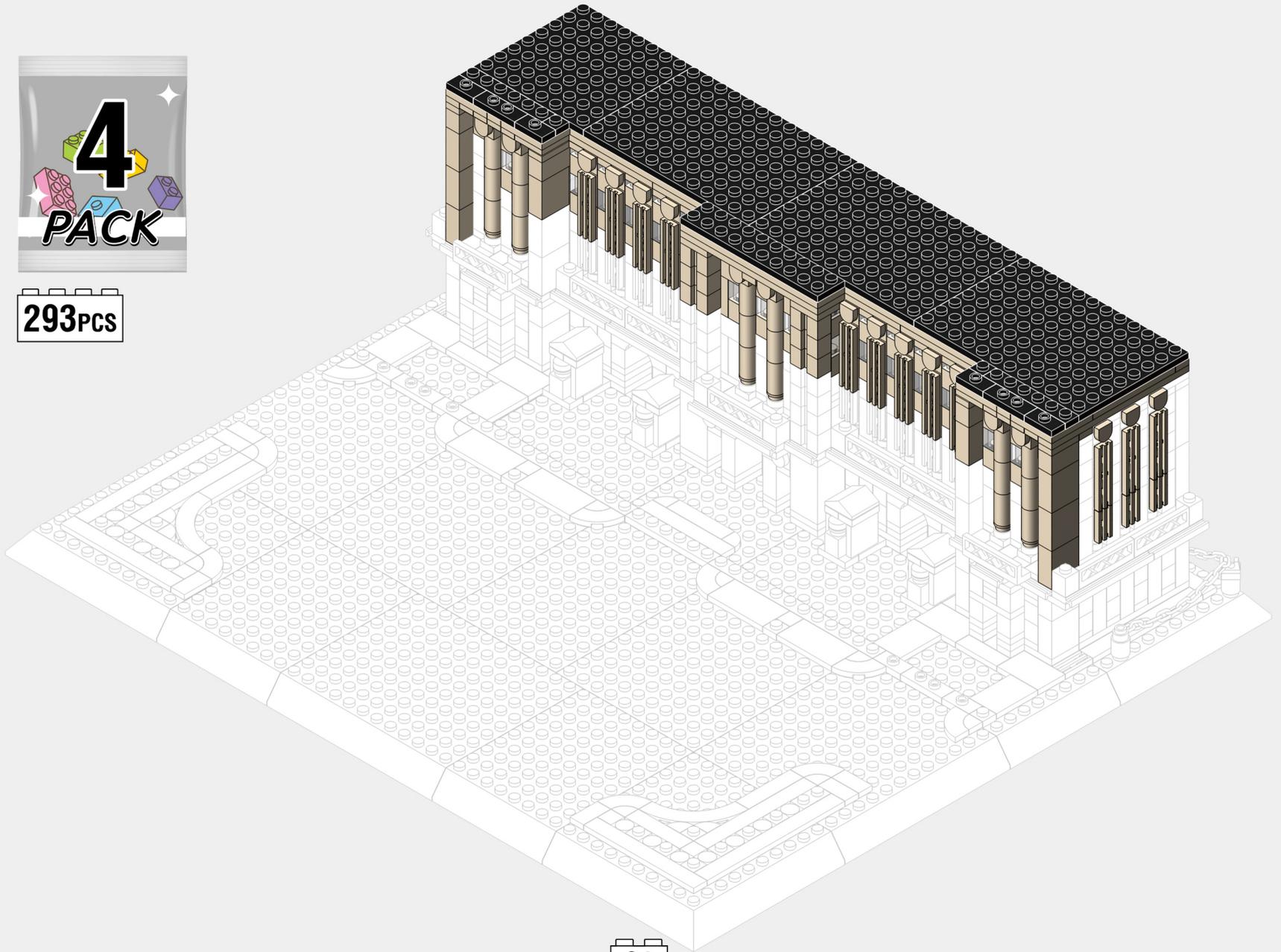


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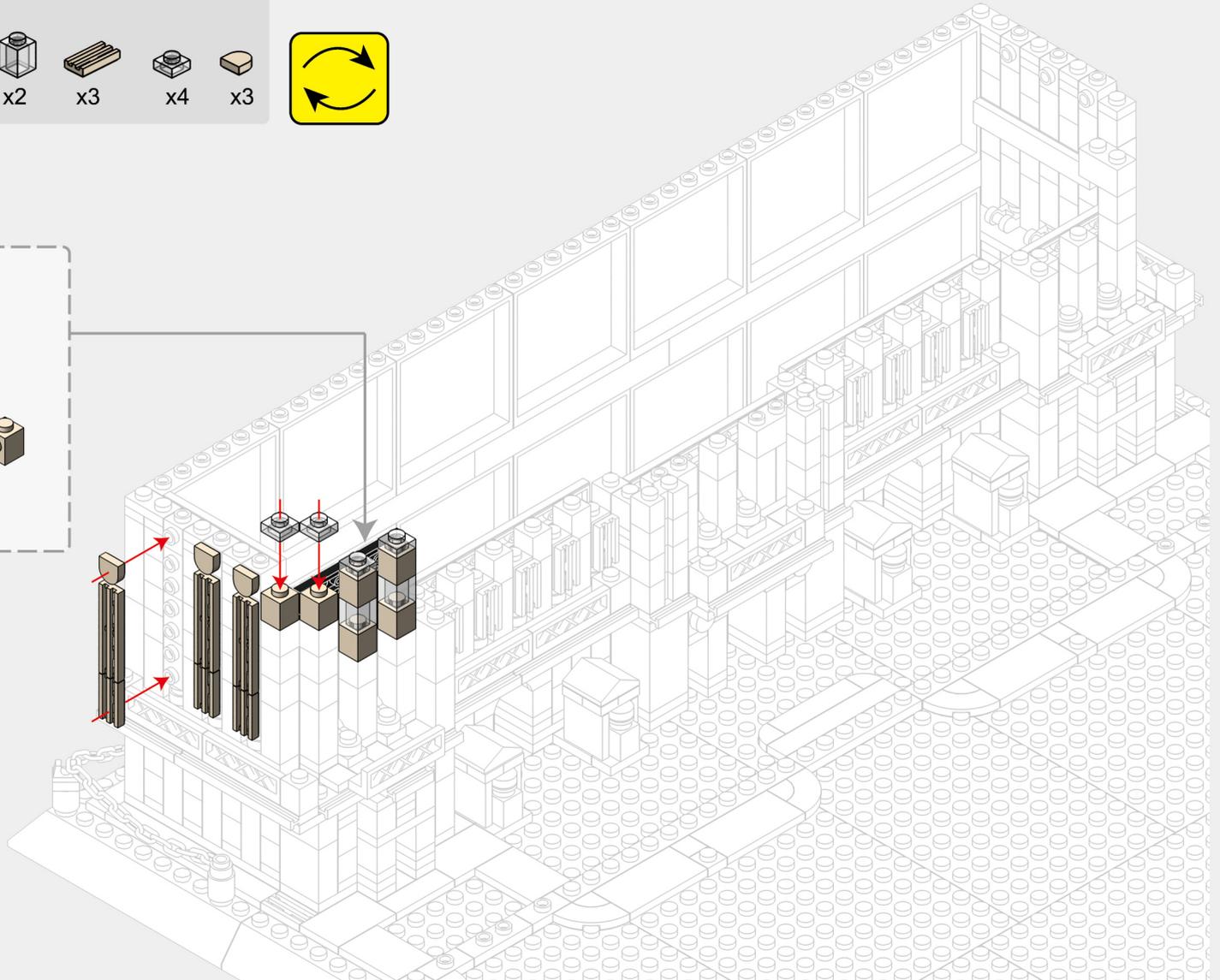
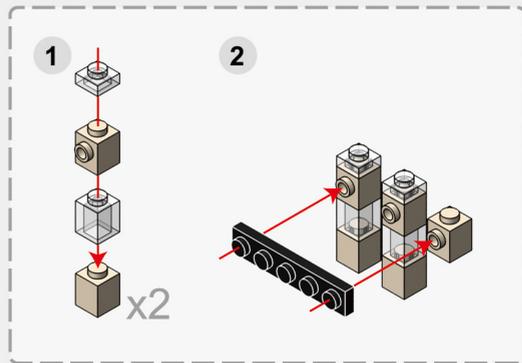
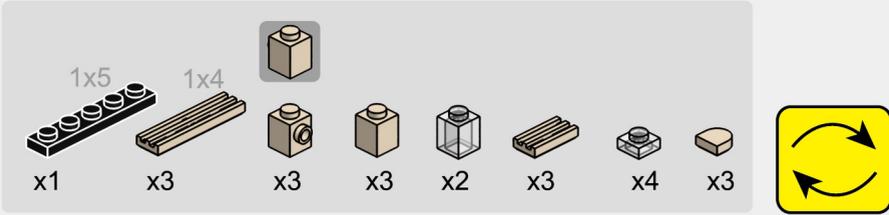




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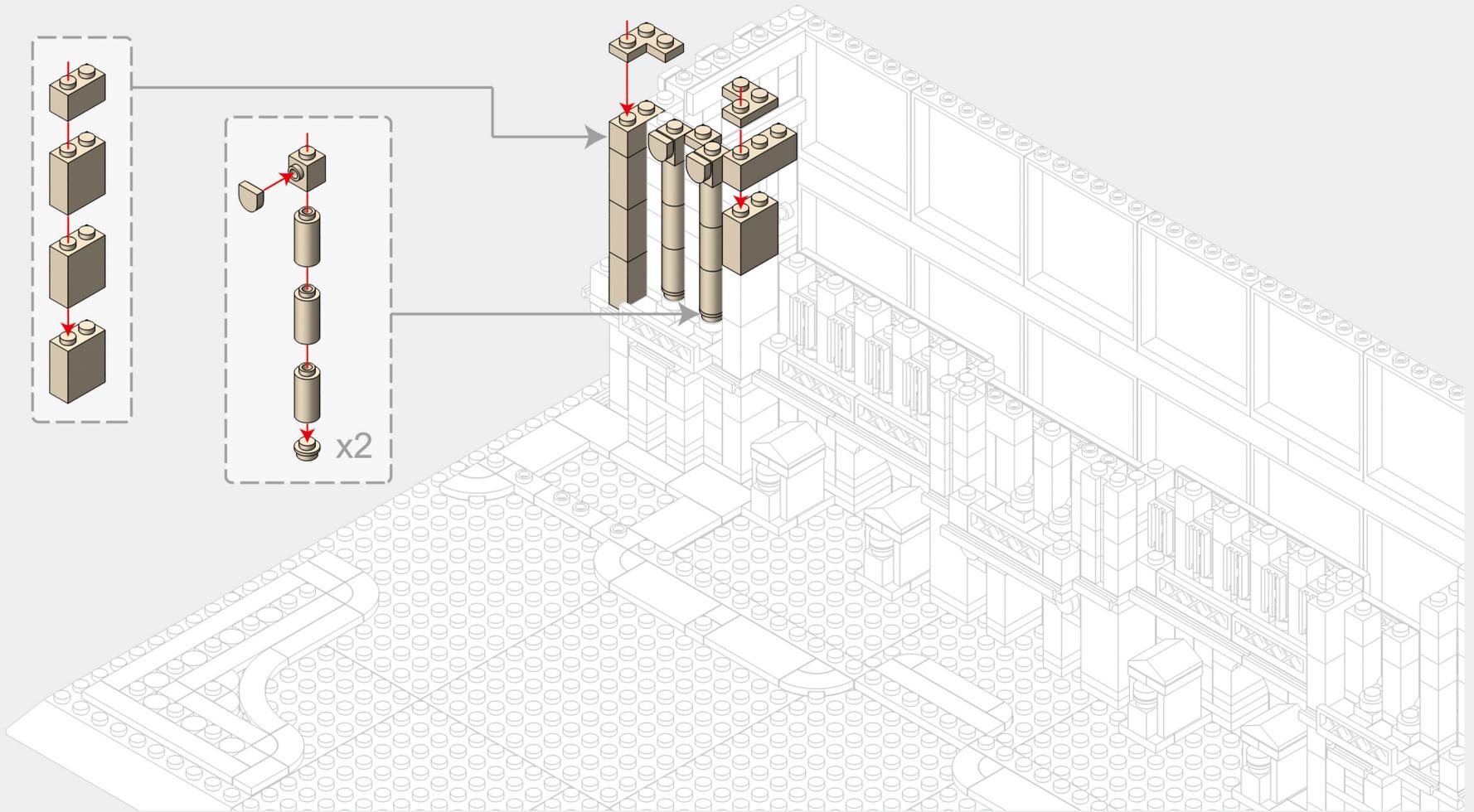


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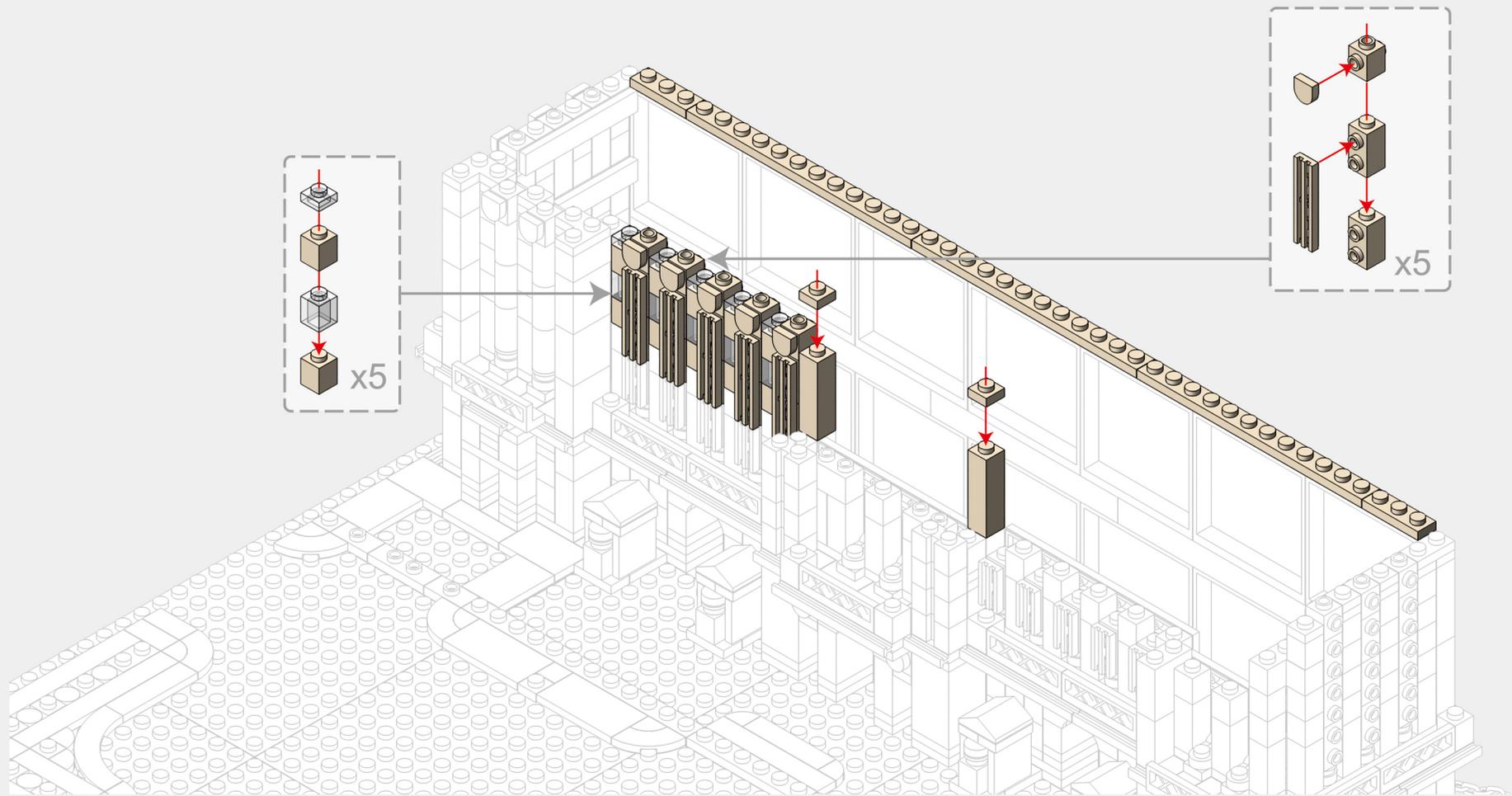
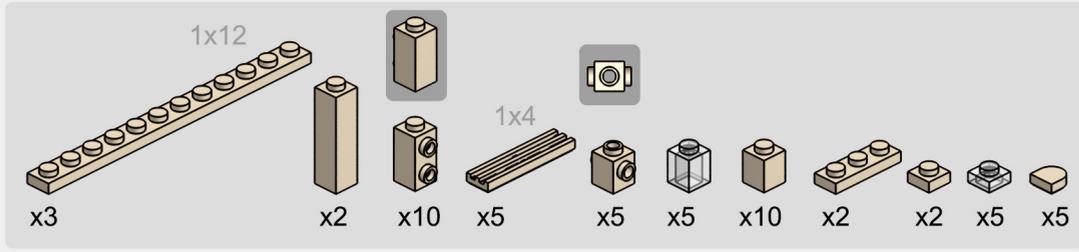


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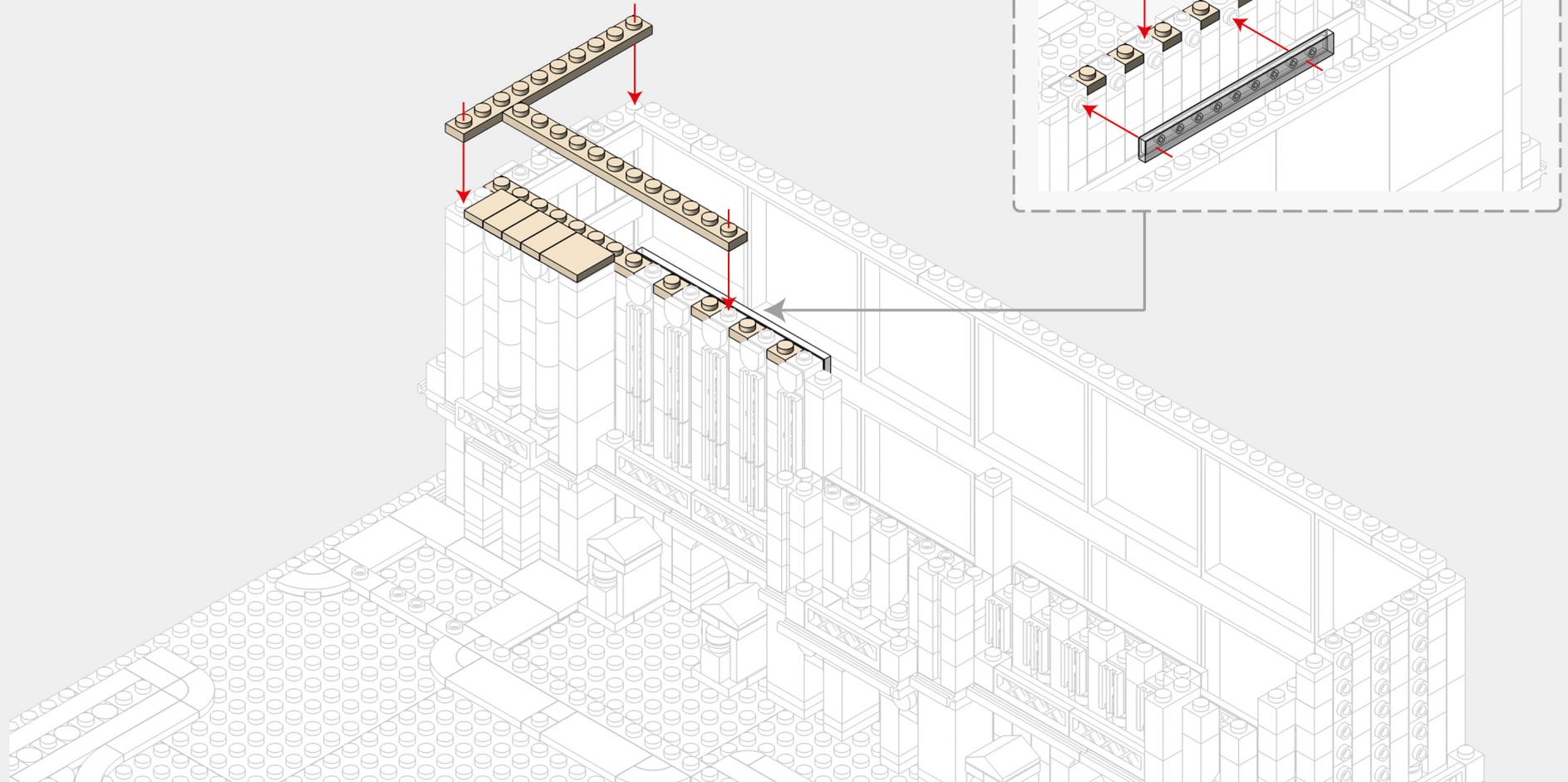
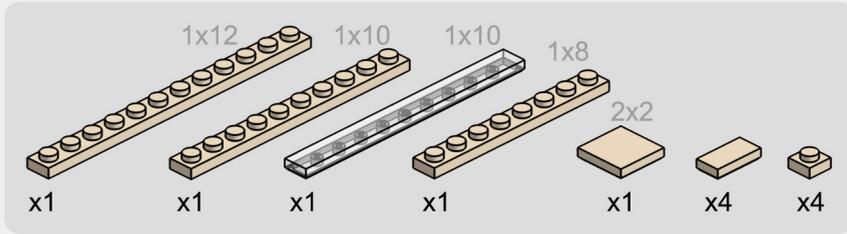
-  x4
-  x1
-  x6
-  x1
-  x2
-  x2
-  x1
-  x2
-  x2



# 4-3

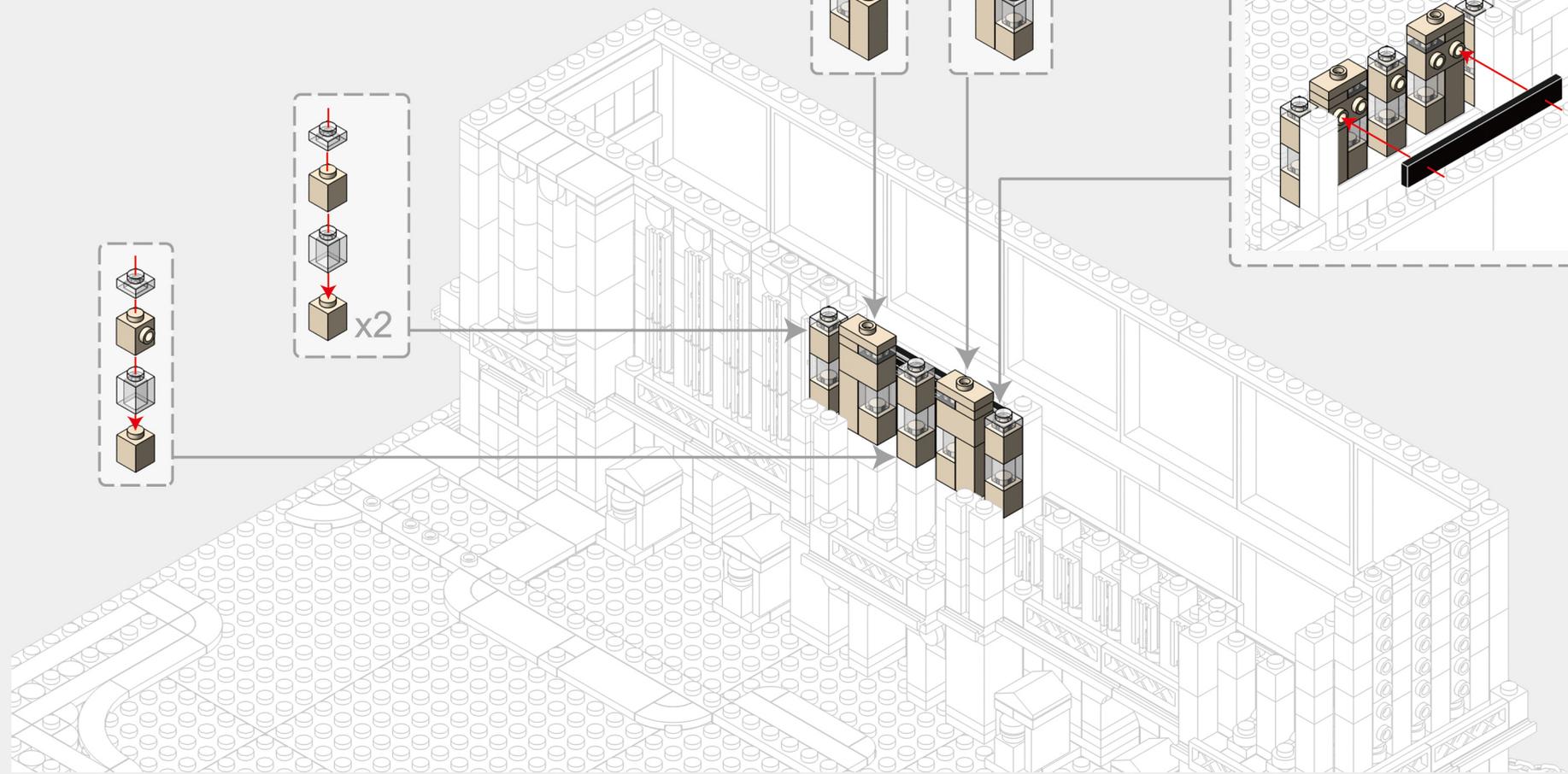
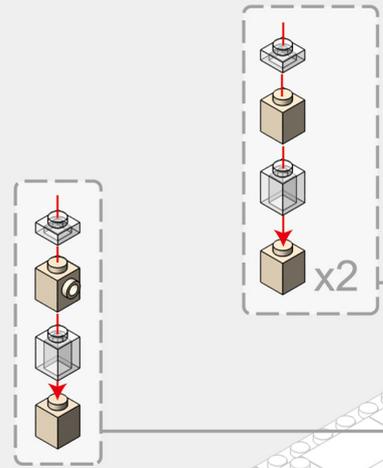
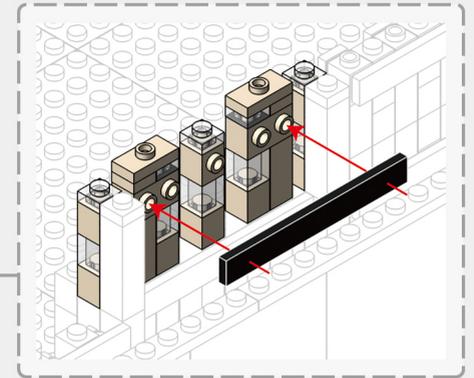
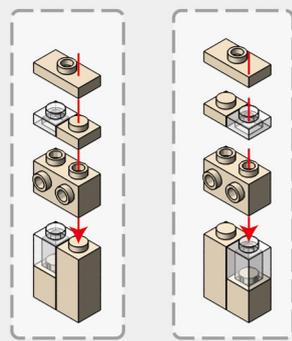


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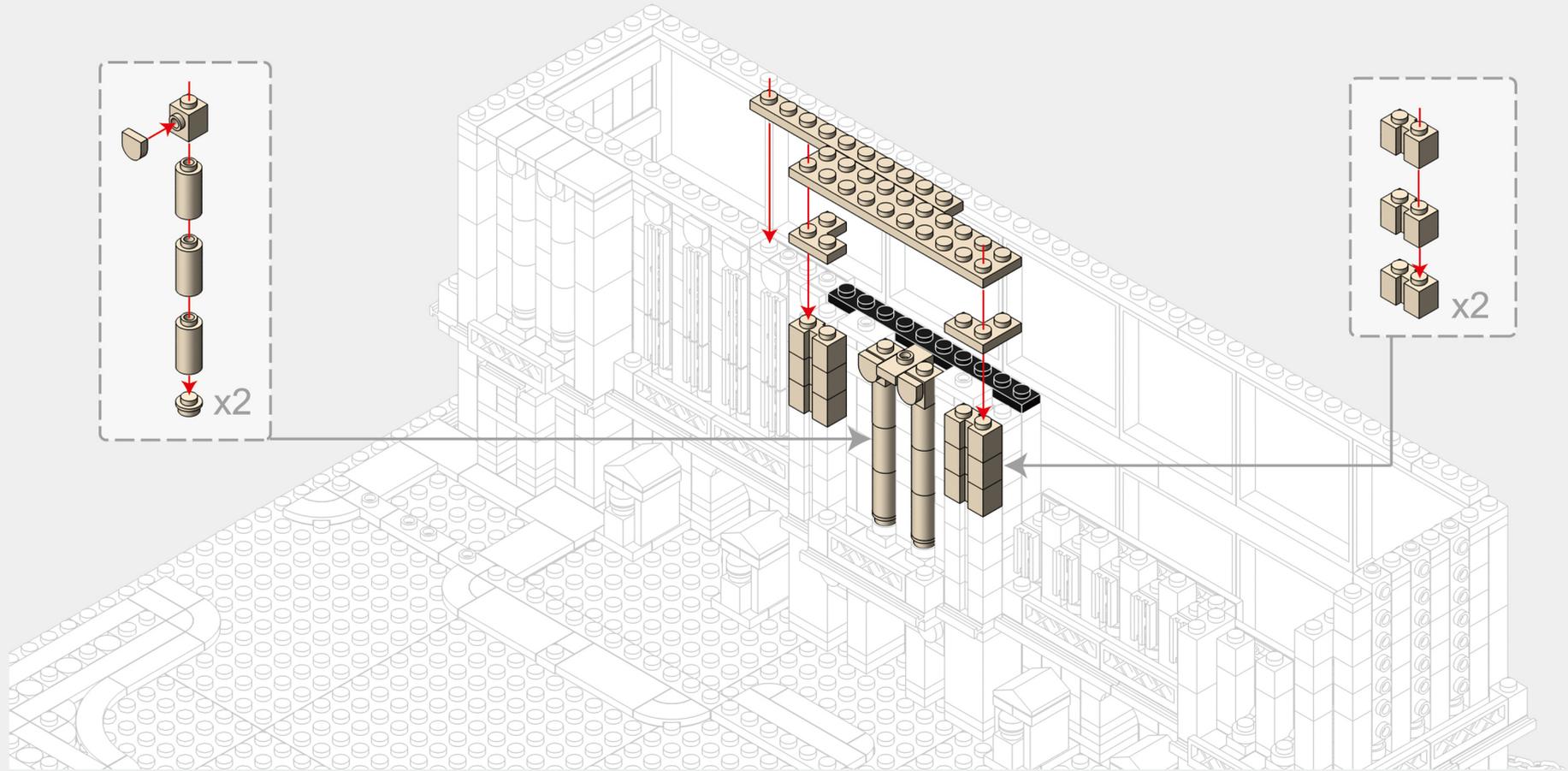
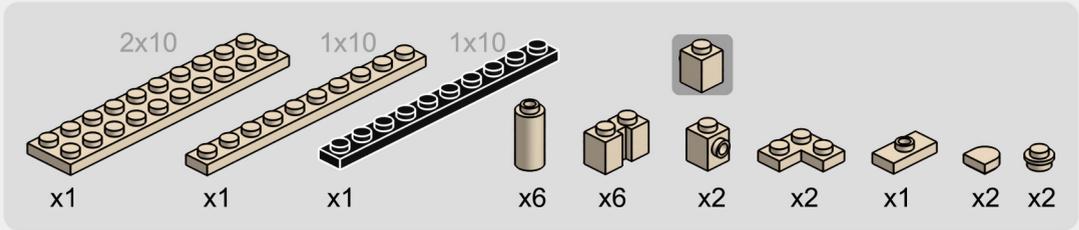


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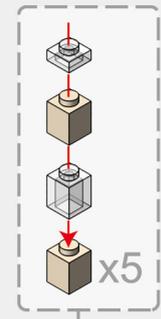
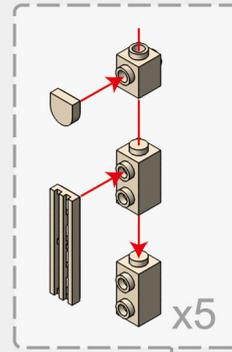
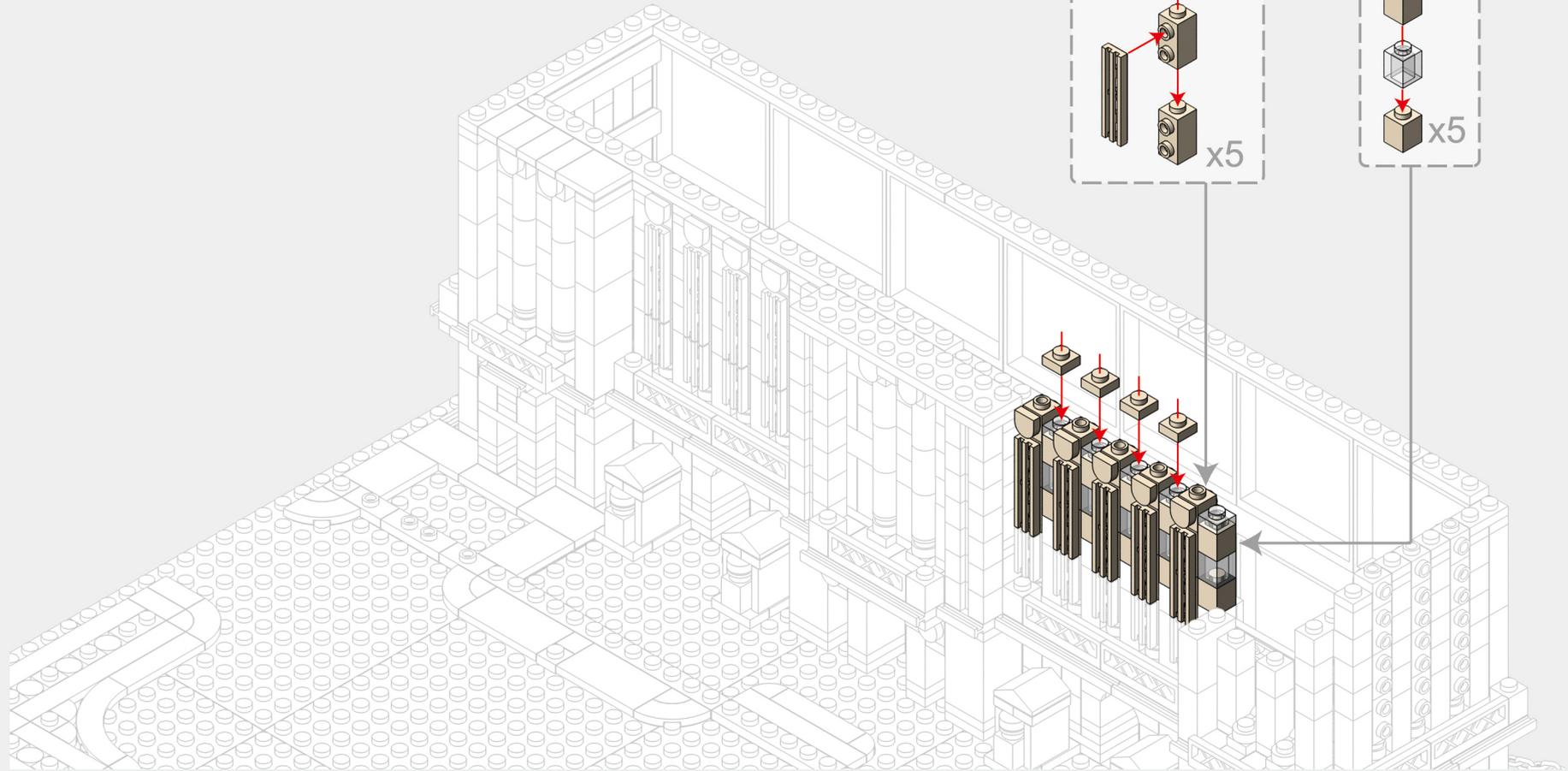
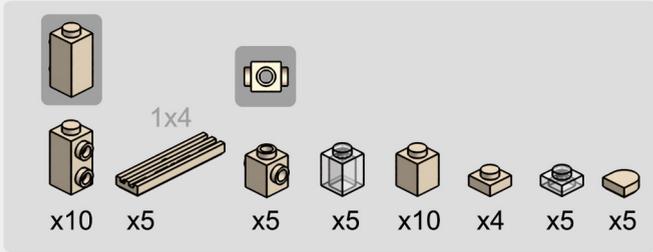
- 1x8
- x1
- x2
- x2
- x1
- x7
- x5
- x2
- x2
- x5



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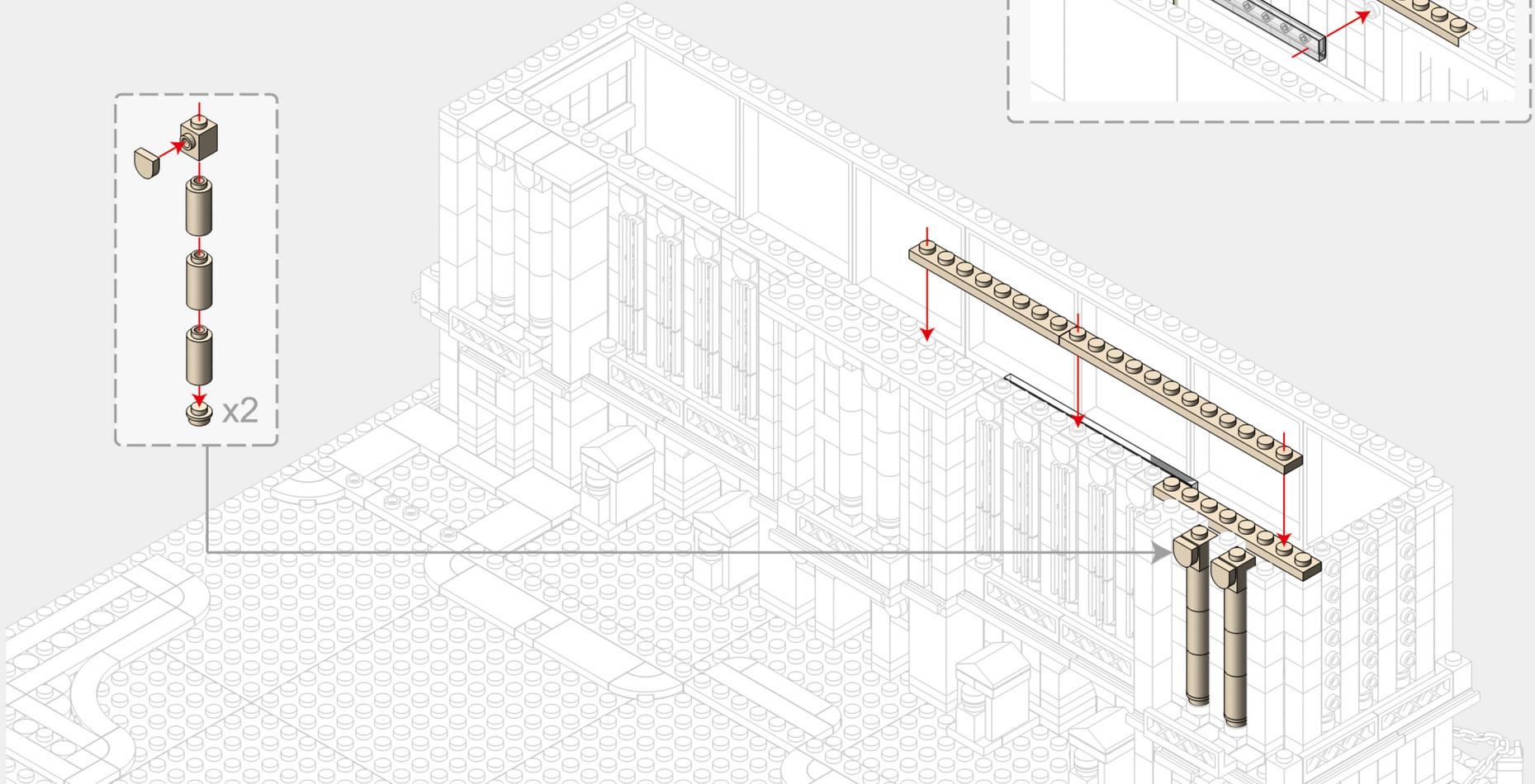
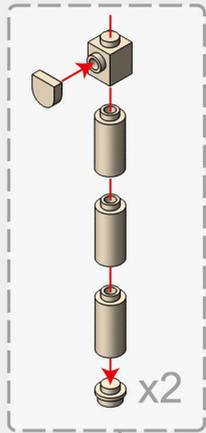
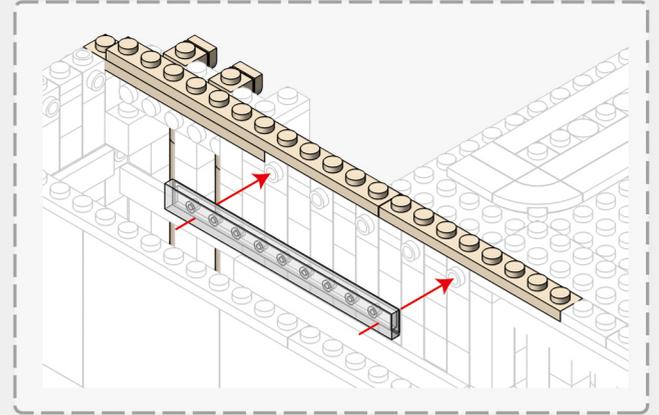
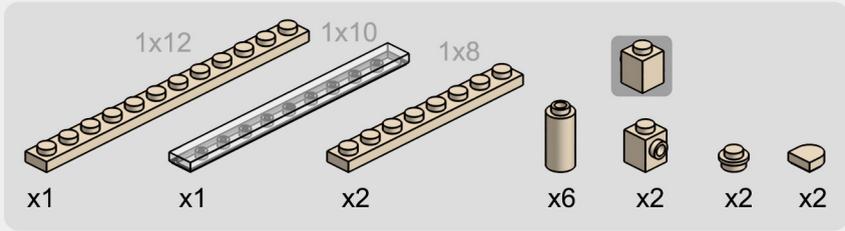


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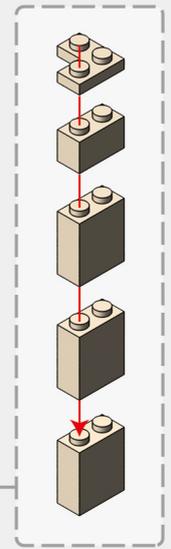
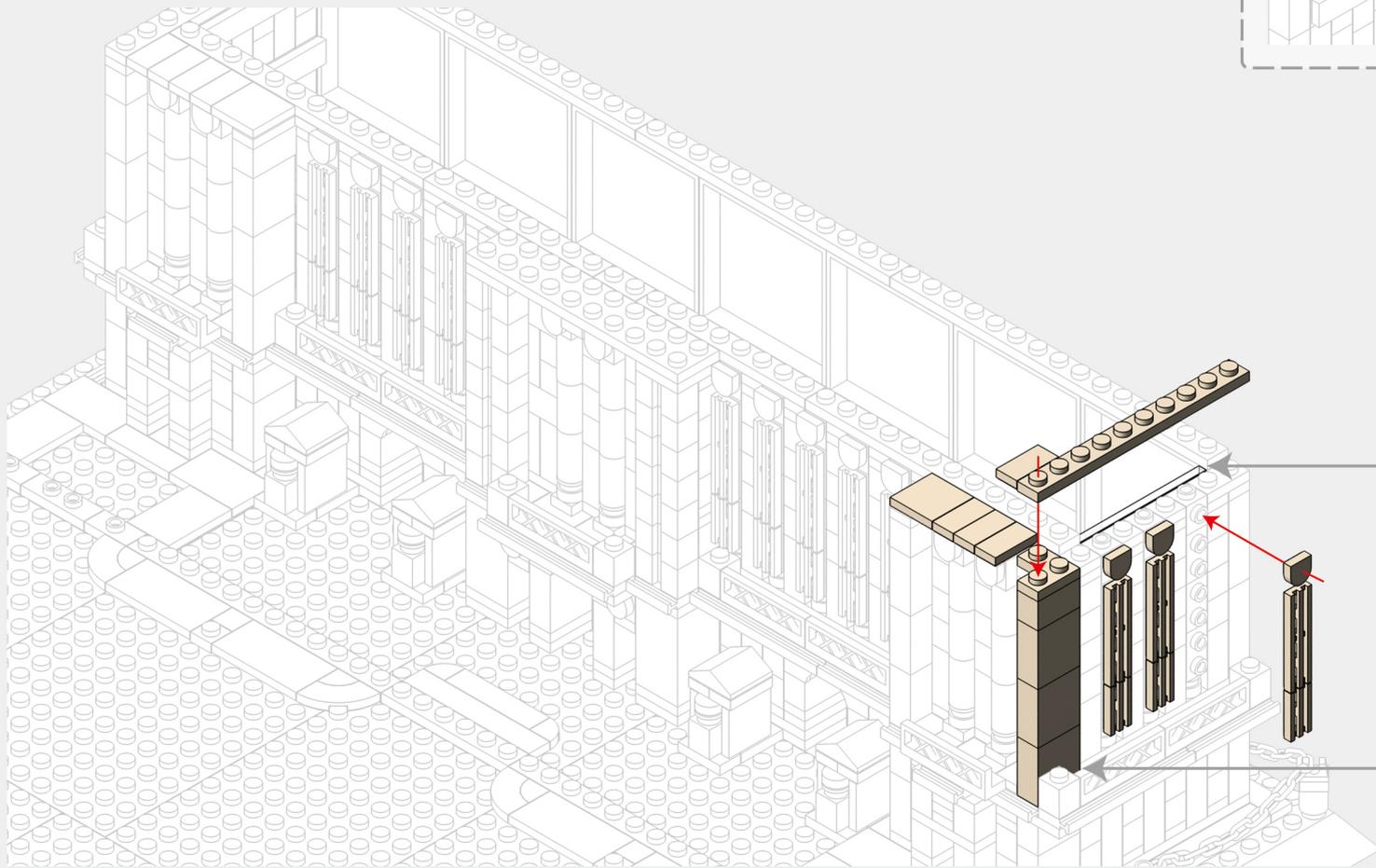
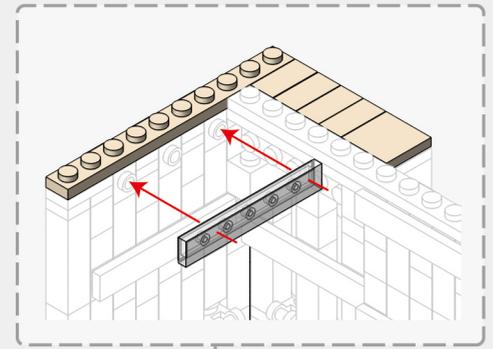
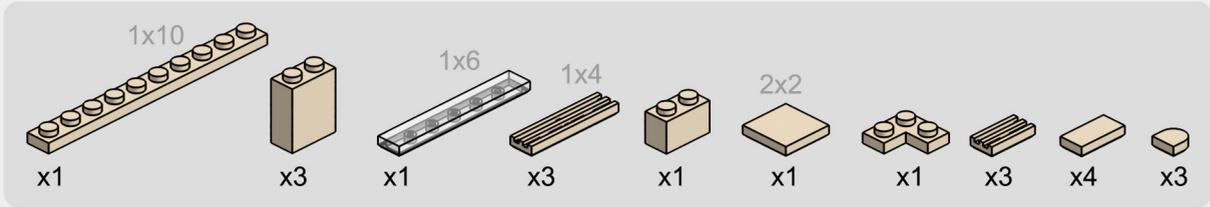




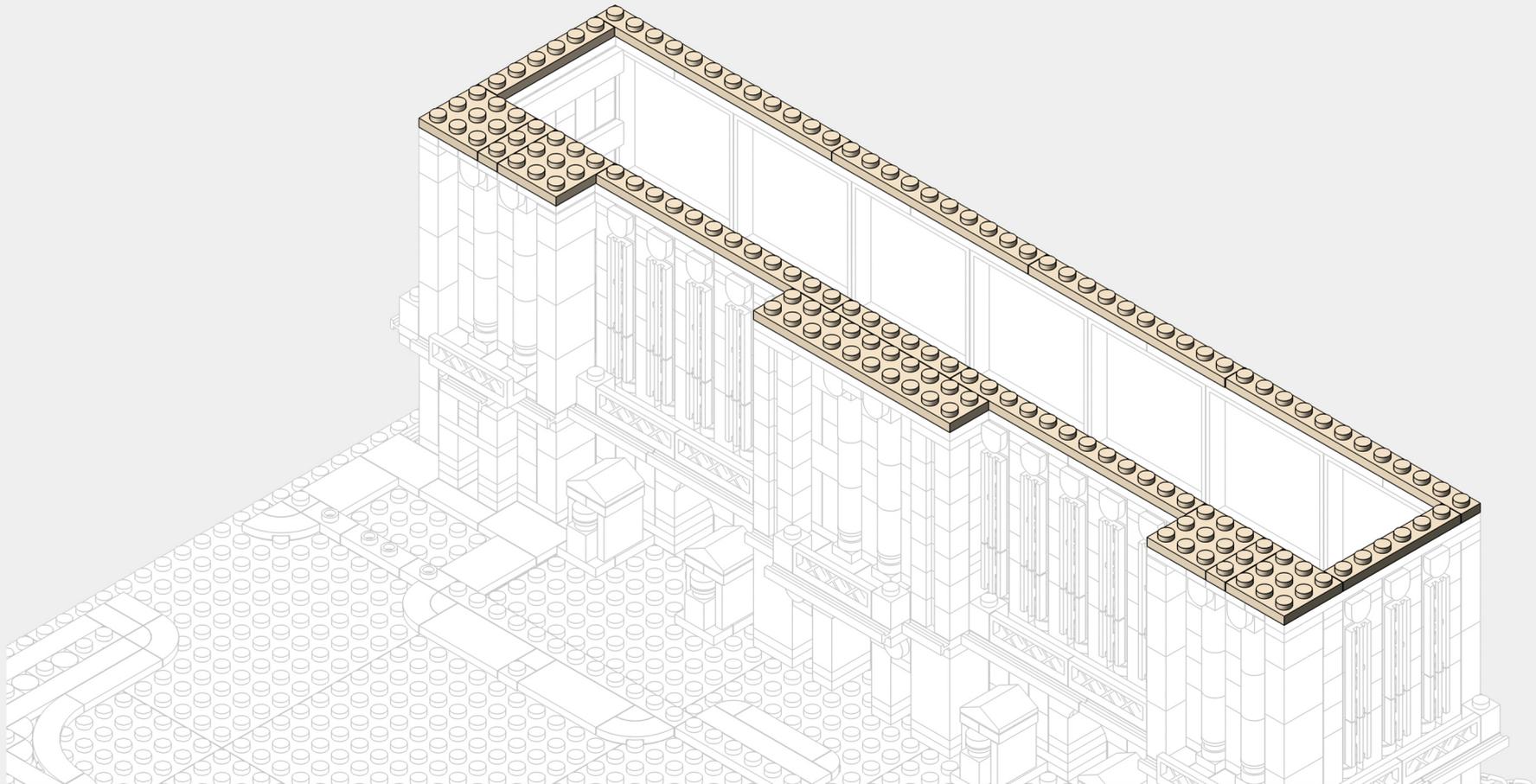
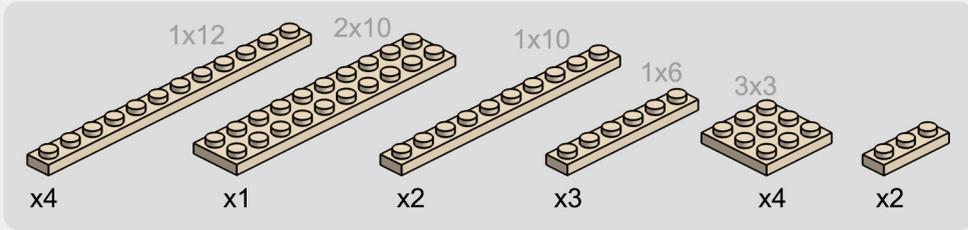
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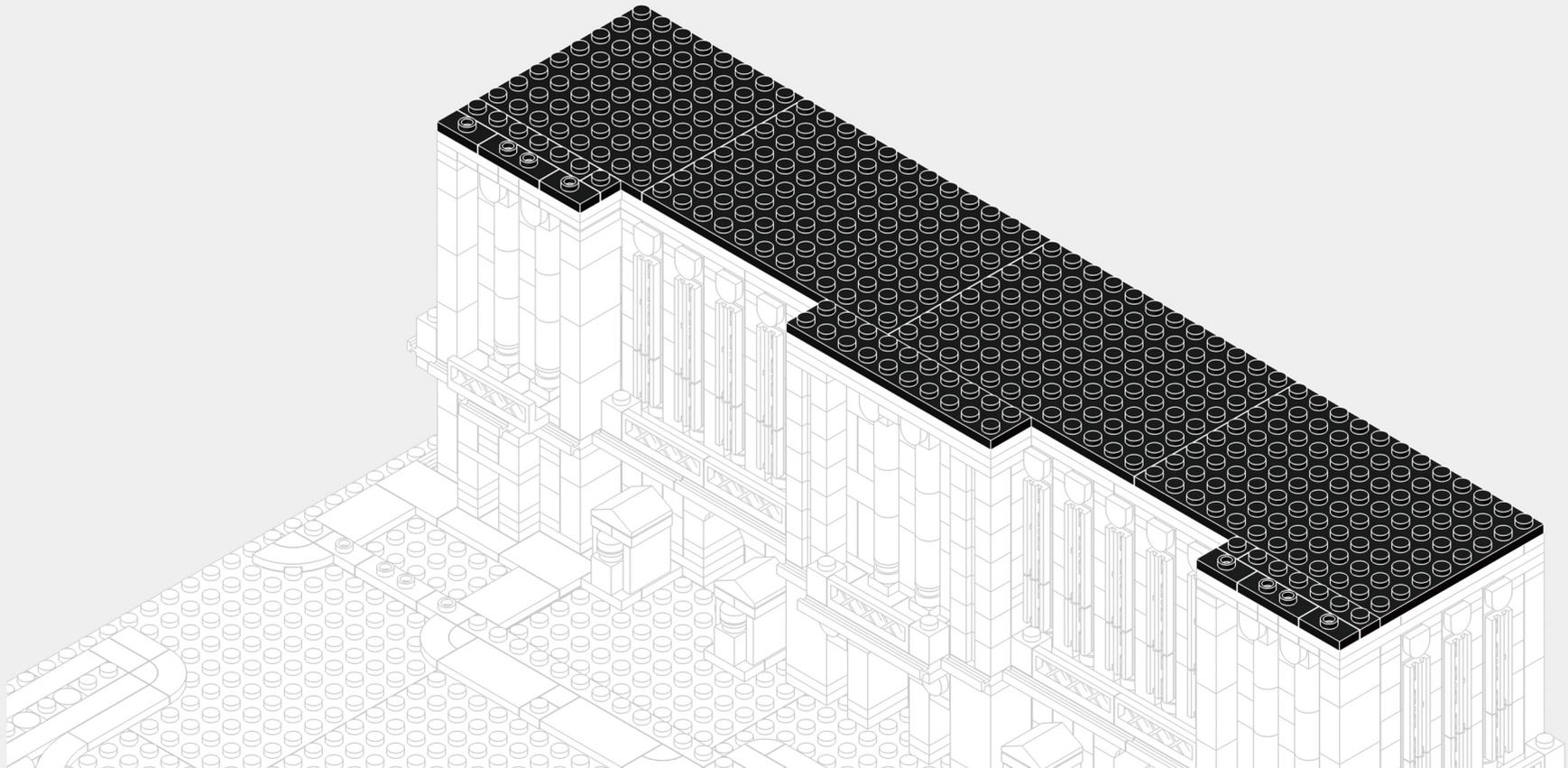
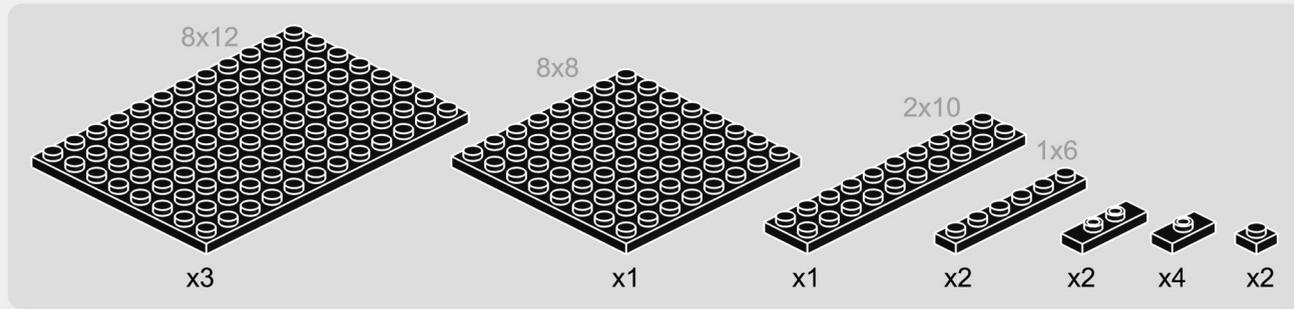
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# 4-11



4-12



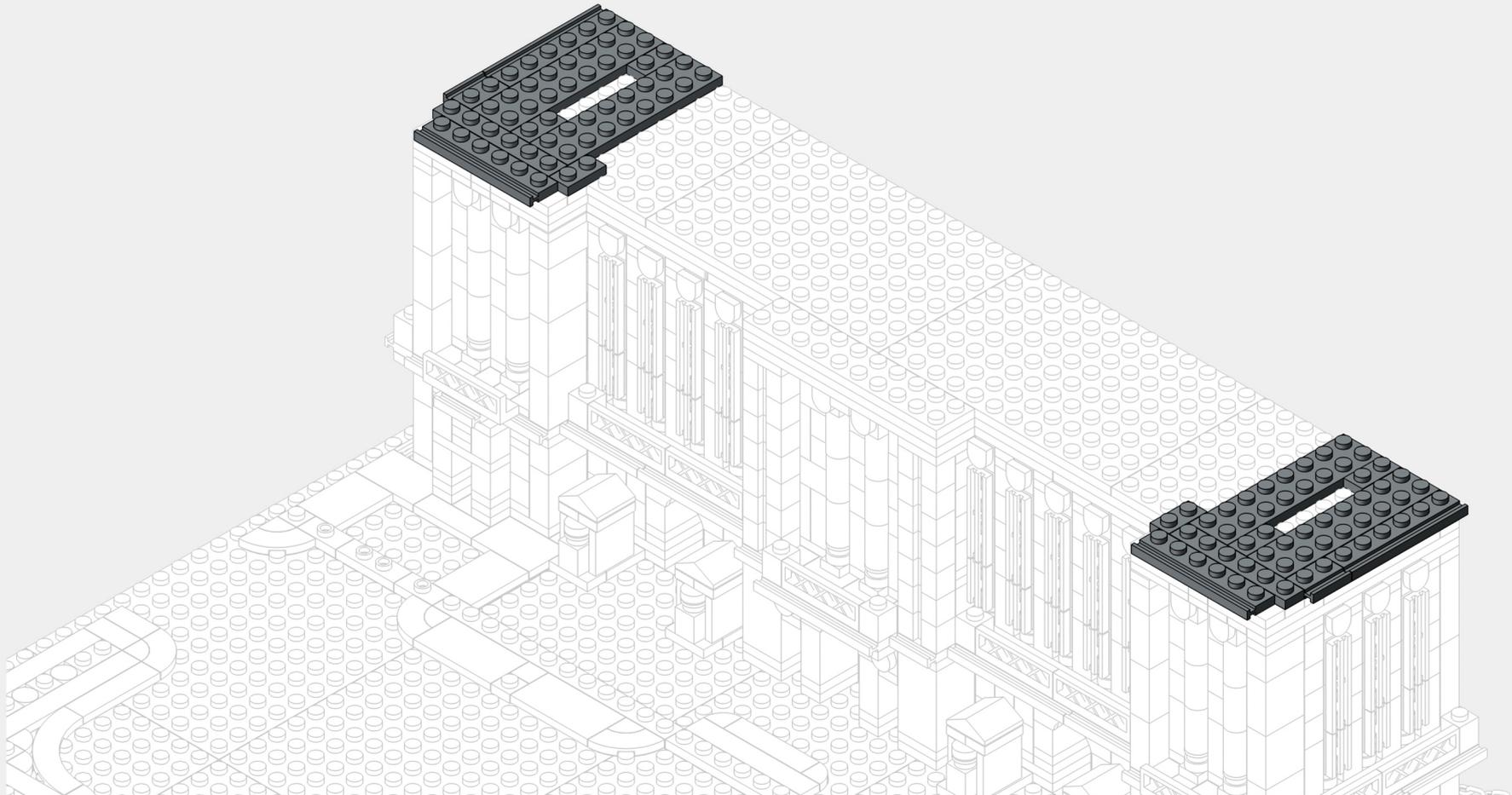
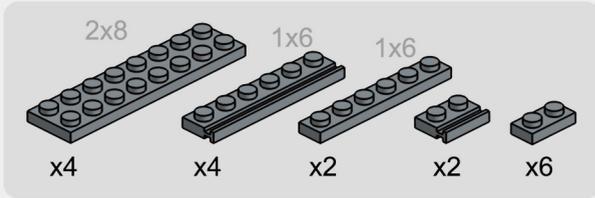


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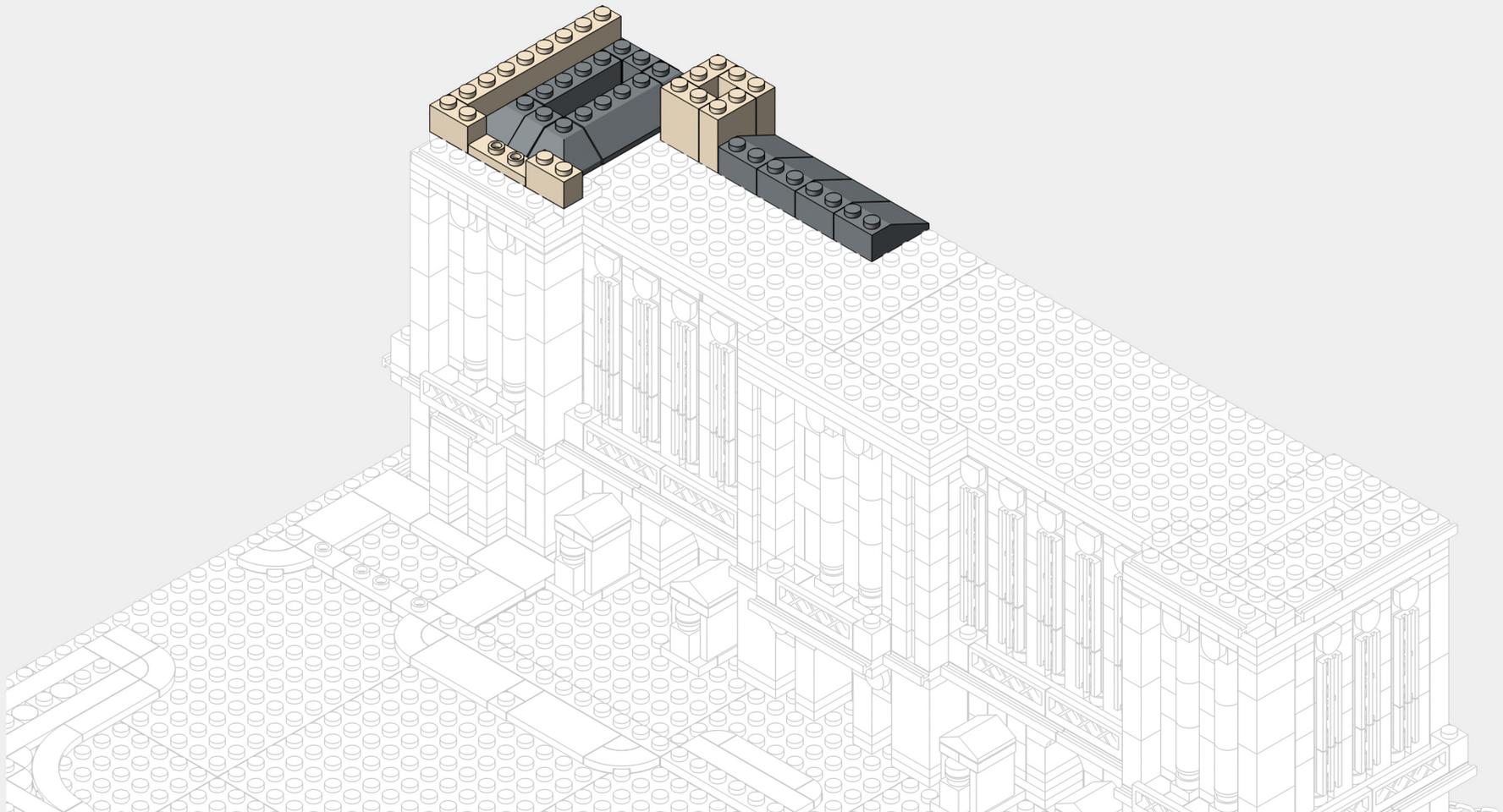
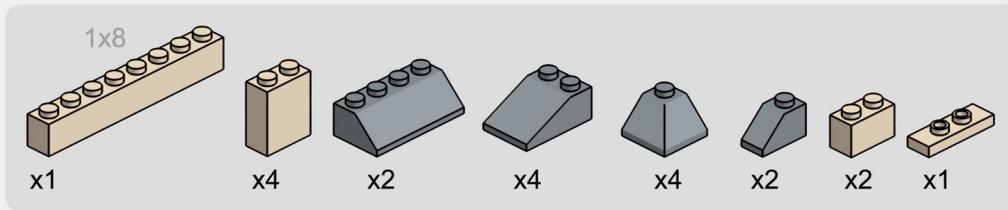


74

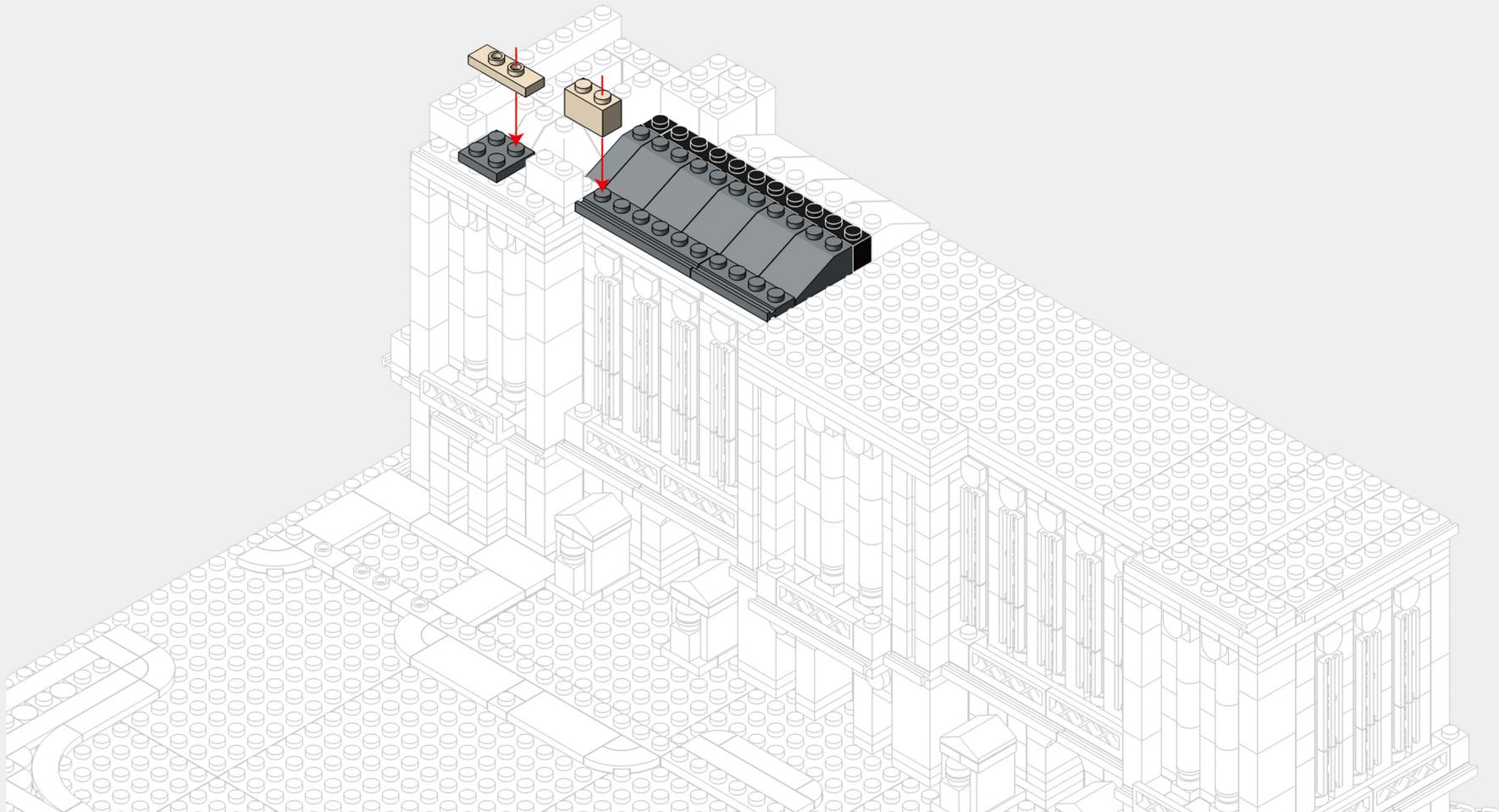
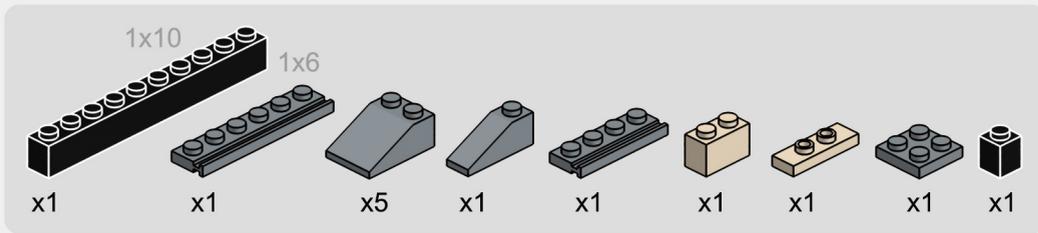
5-1



# 5-2

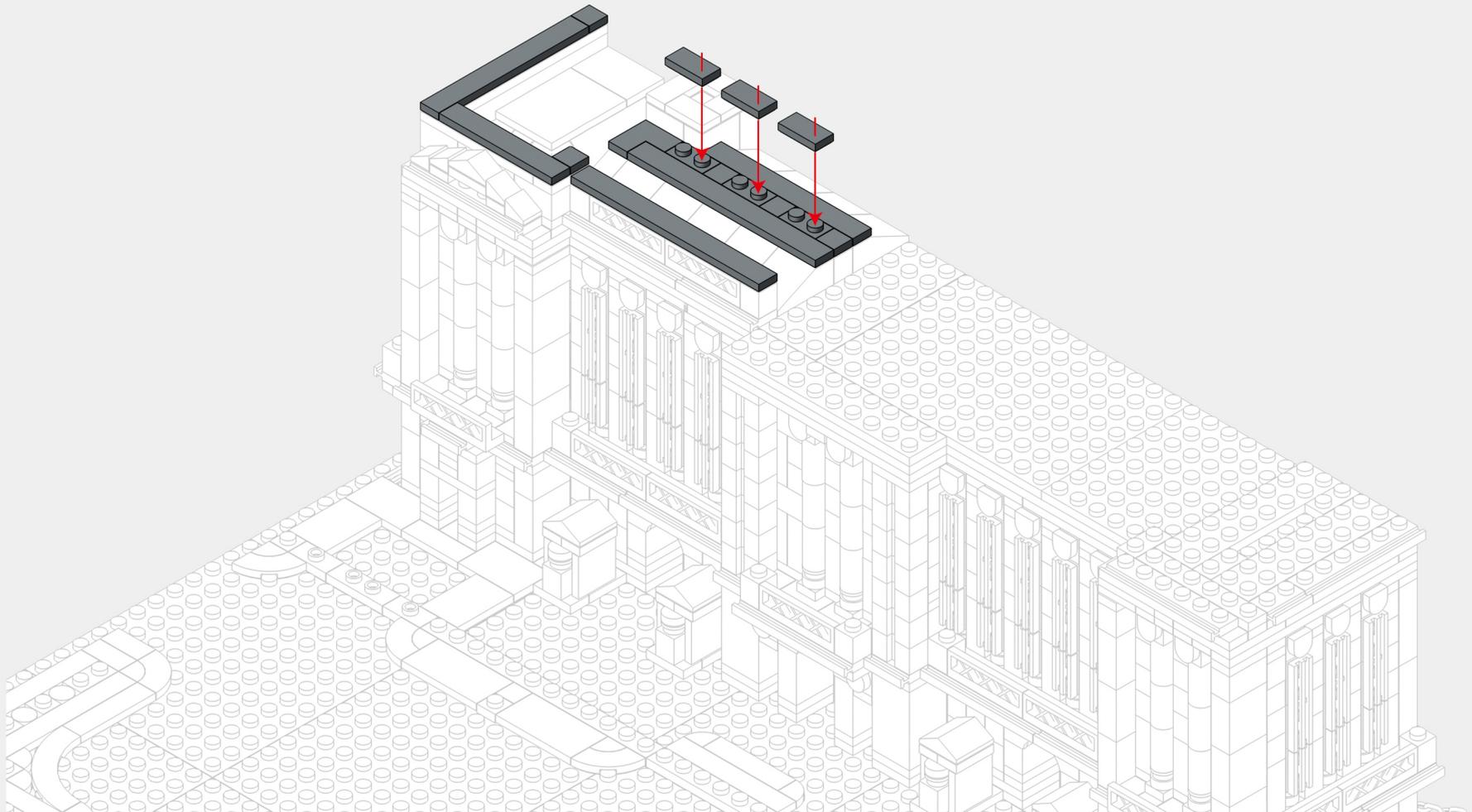
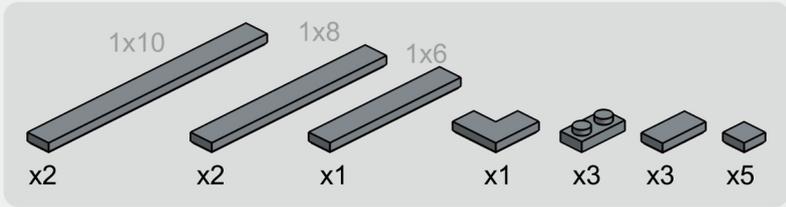


# 5-3

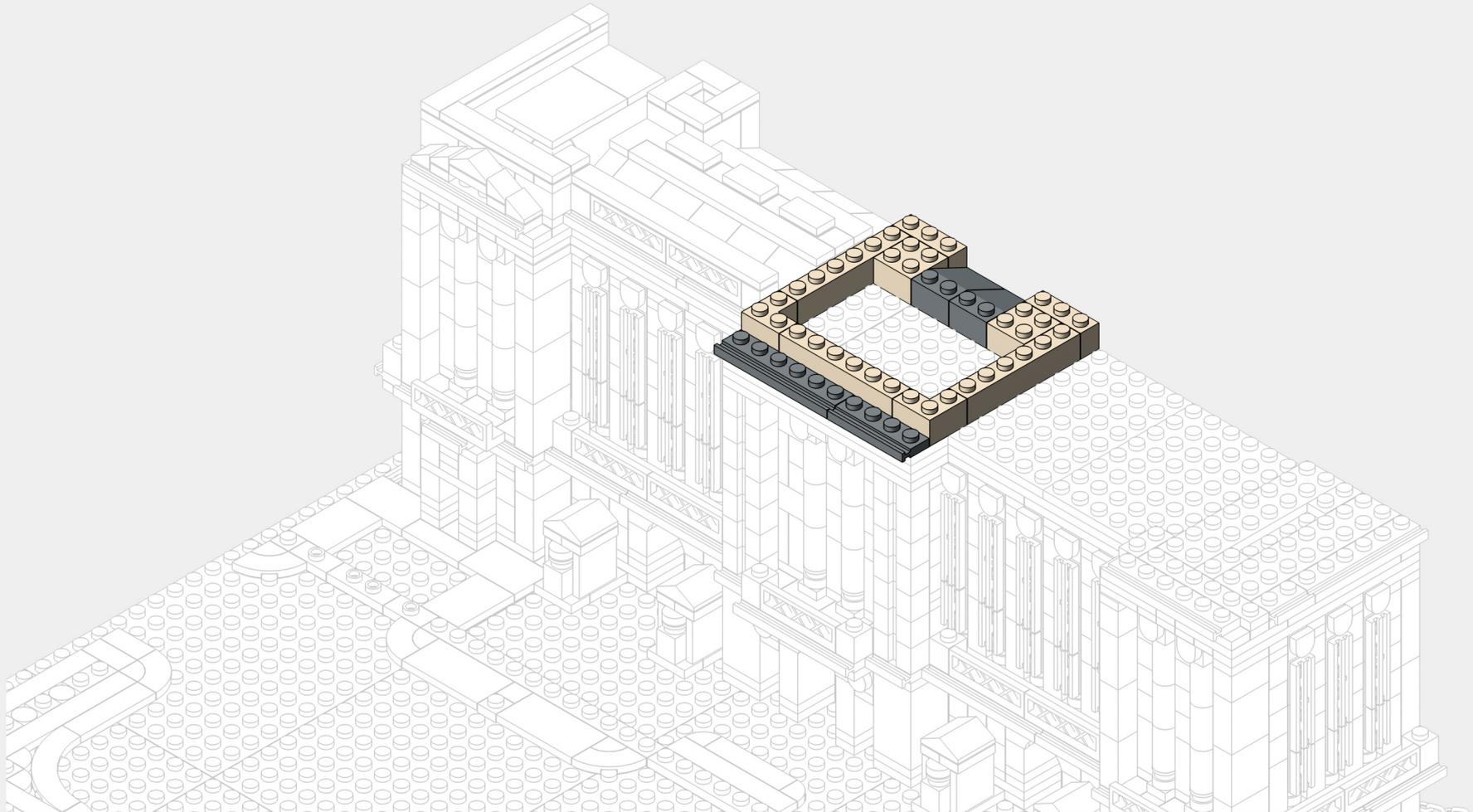
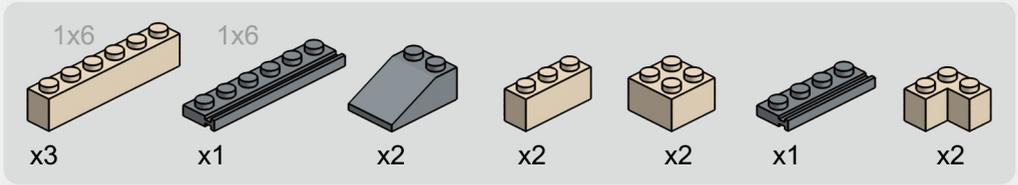




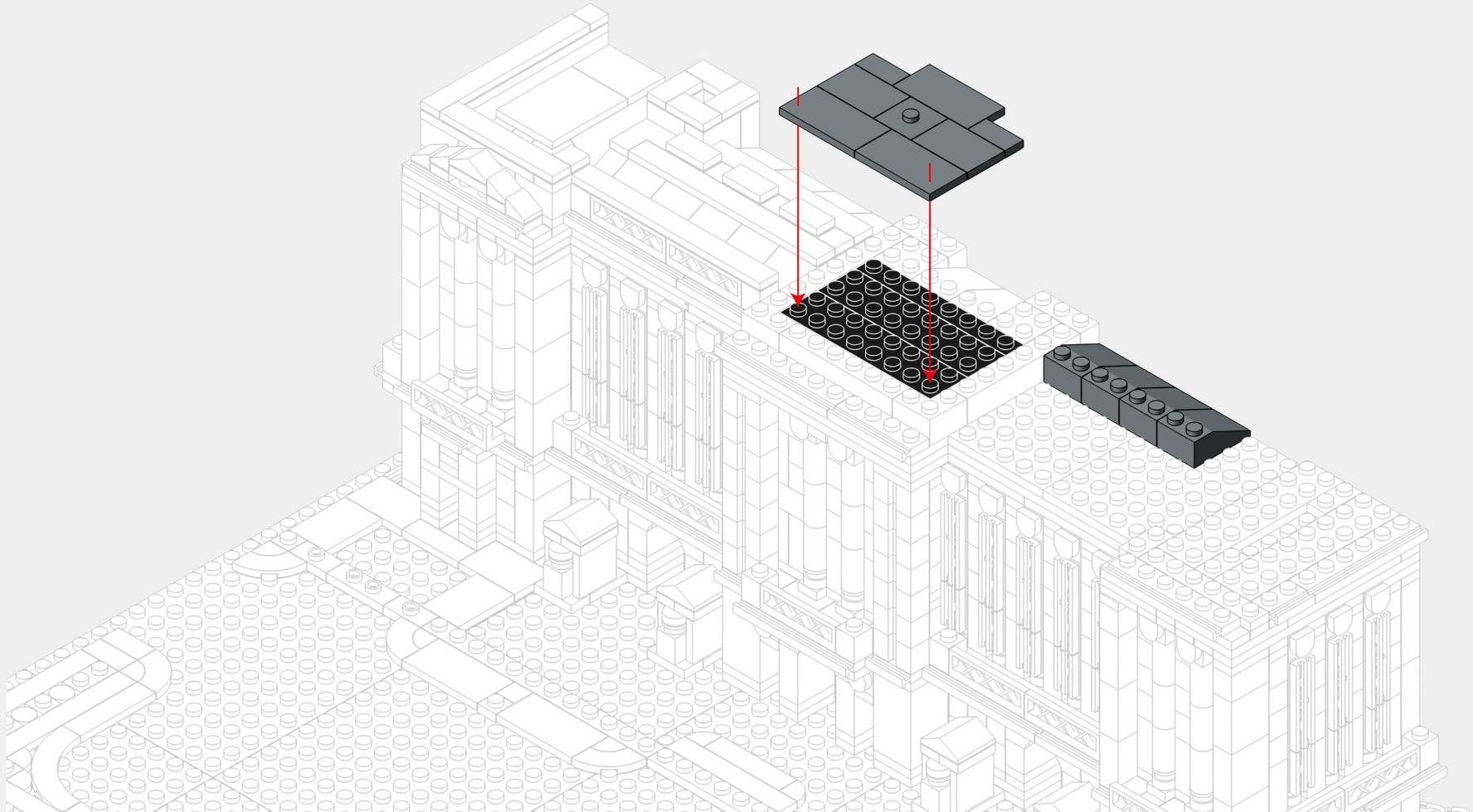
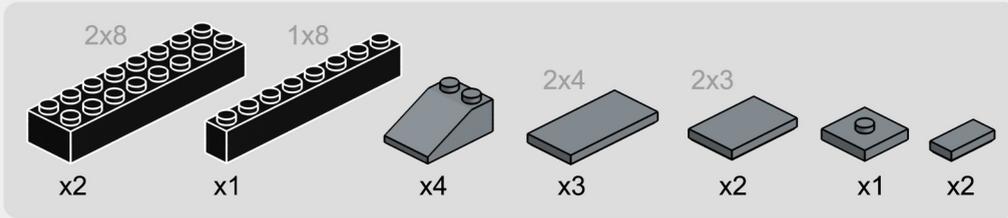
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# 5-6

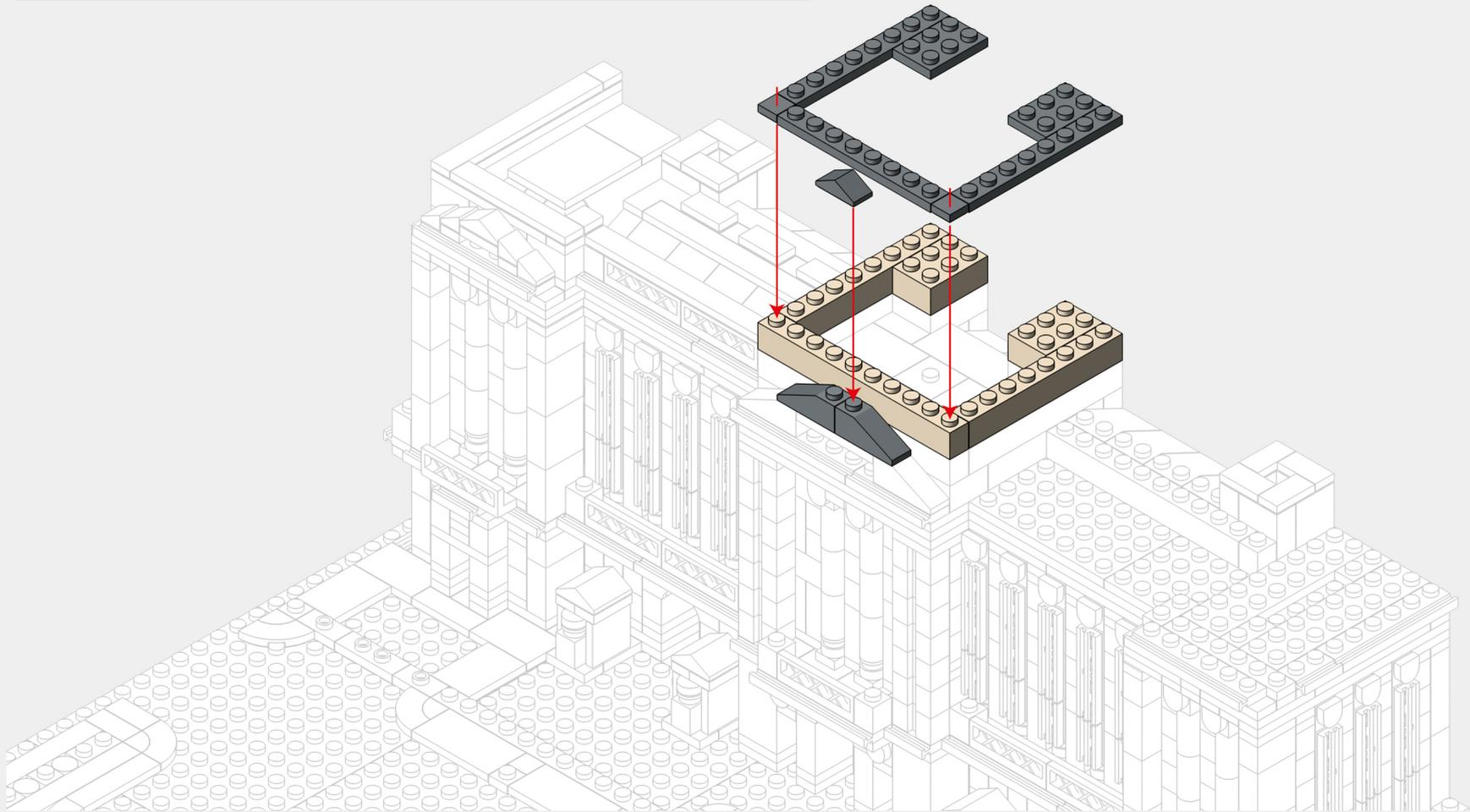
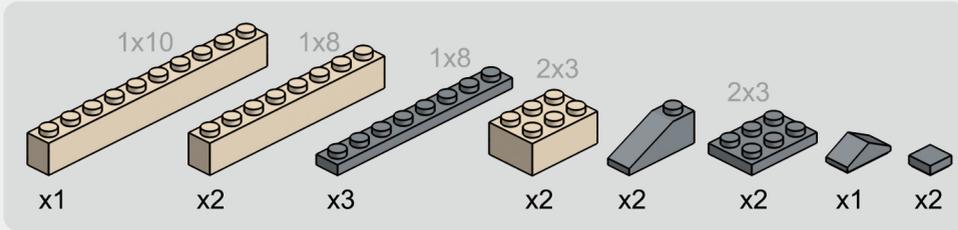


5-7



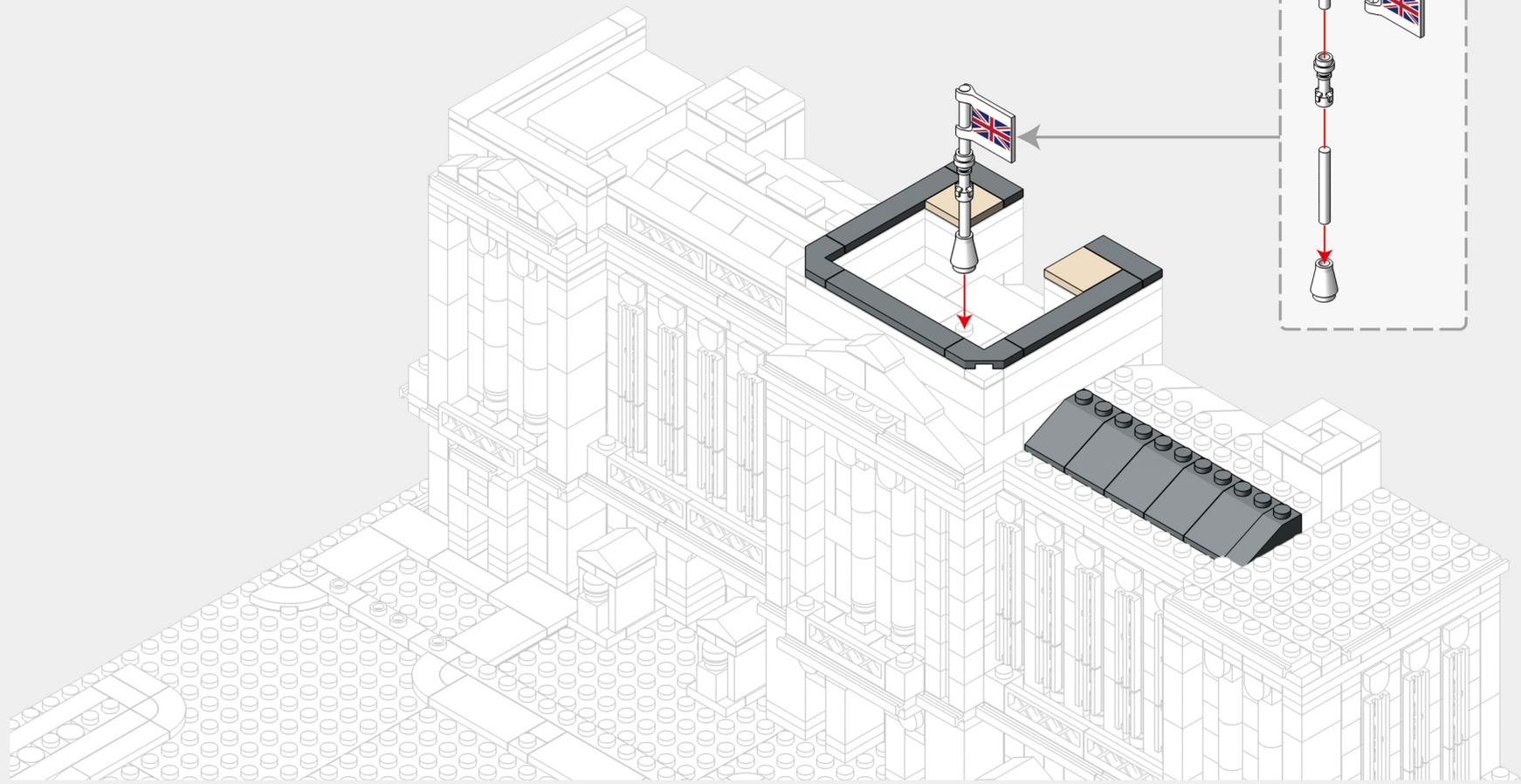


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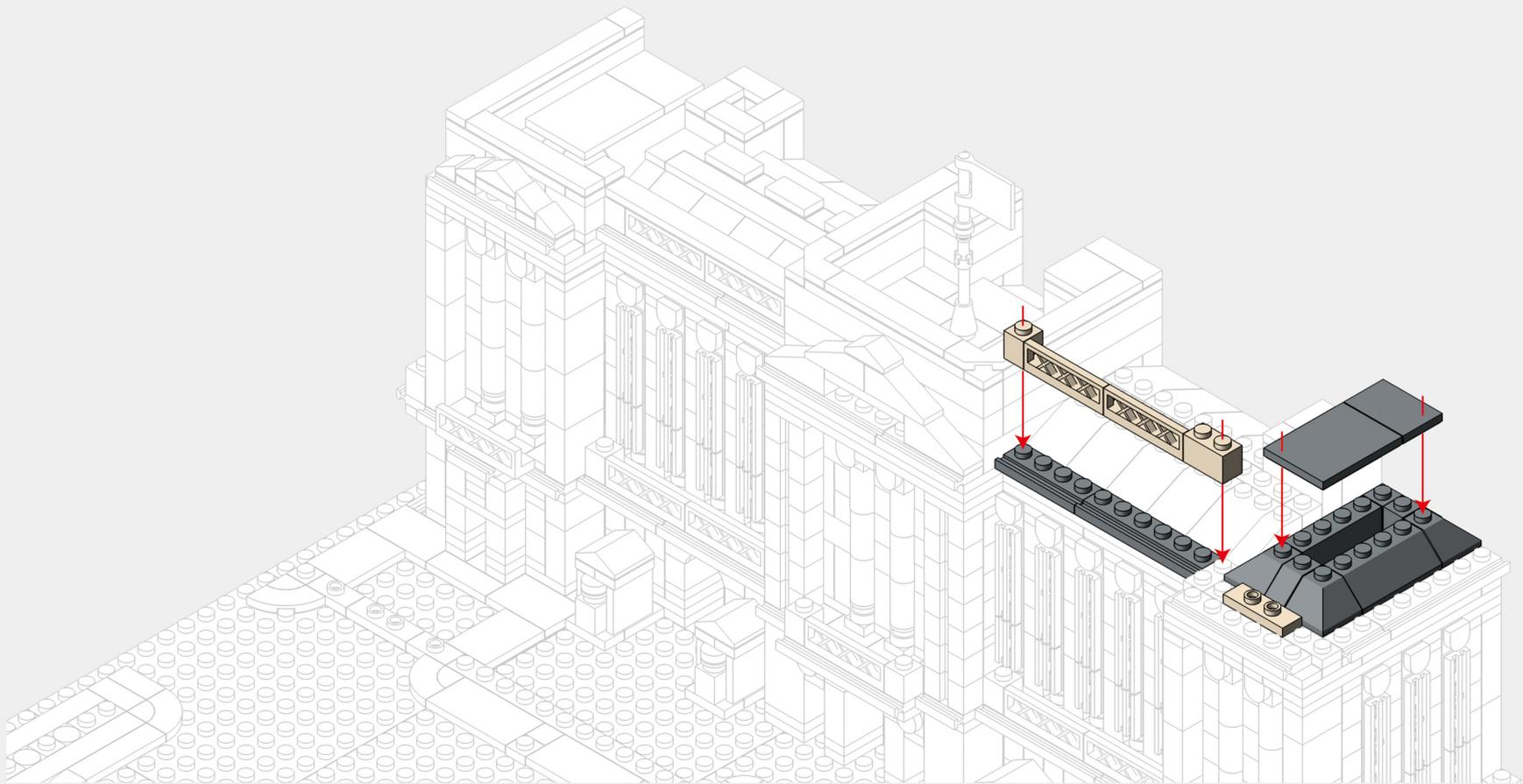
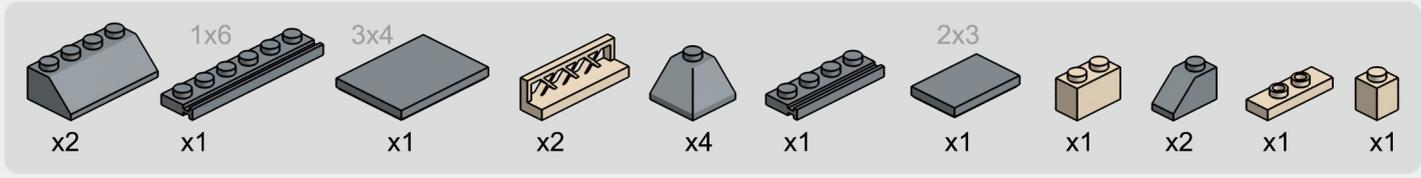


# 5-10

- 1x6 (grey) x3
- 1x5 (grey) x5
- 1x3 (grey) x1
- 1x3 (white) with Union Jack flag x1
- 2x2 (tan) x2
- 1x3 (grey) x2
- 1x3 (white) x2
- 1x1 (white) cone x1
- 1x1 (grey) pin x1
- 1x2 (grey) L-plate x2

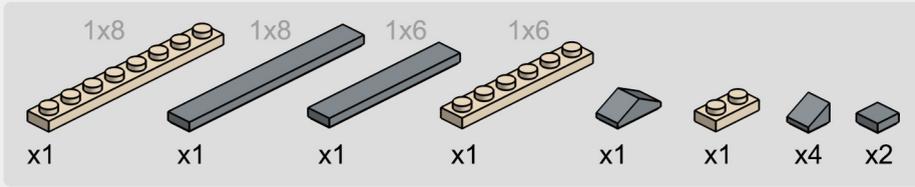


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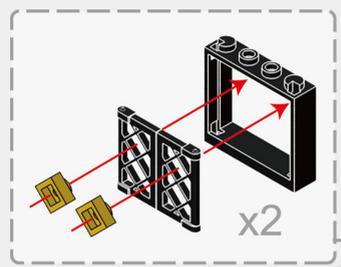
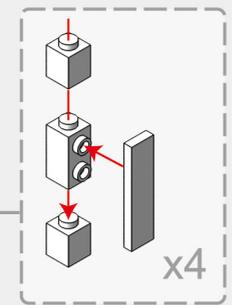
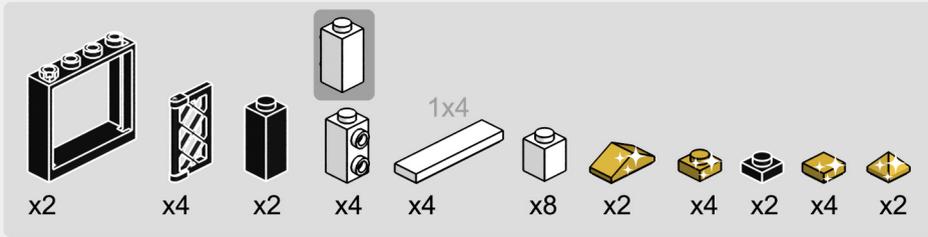




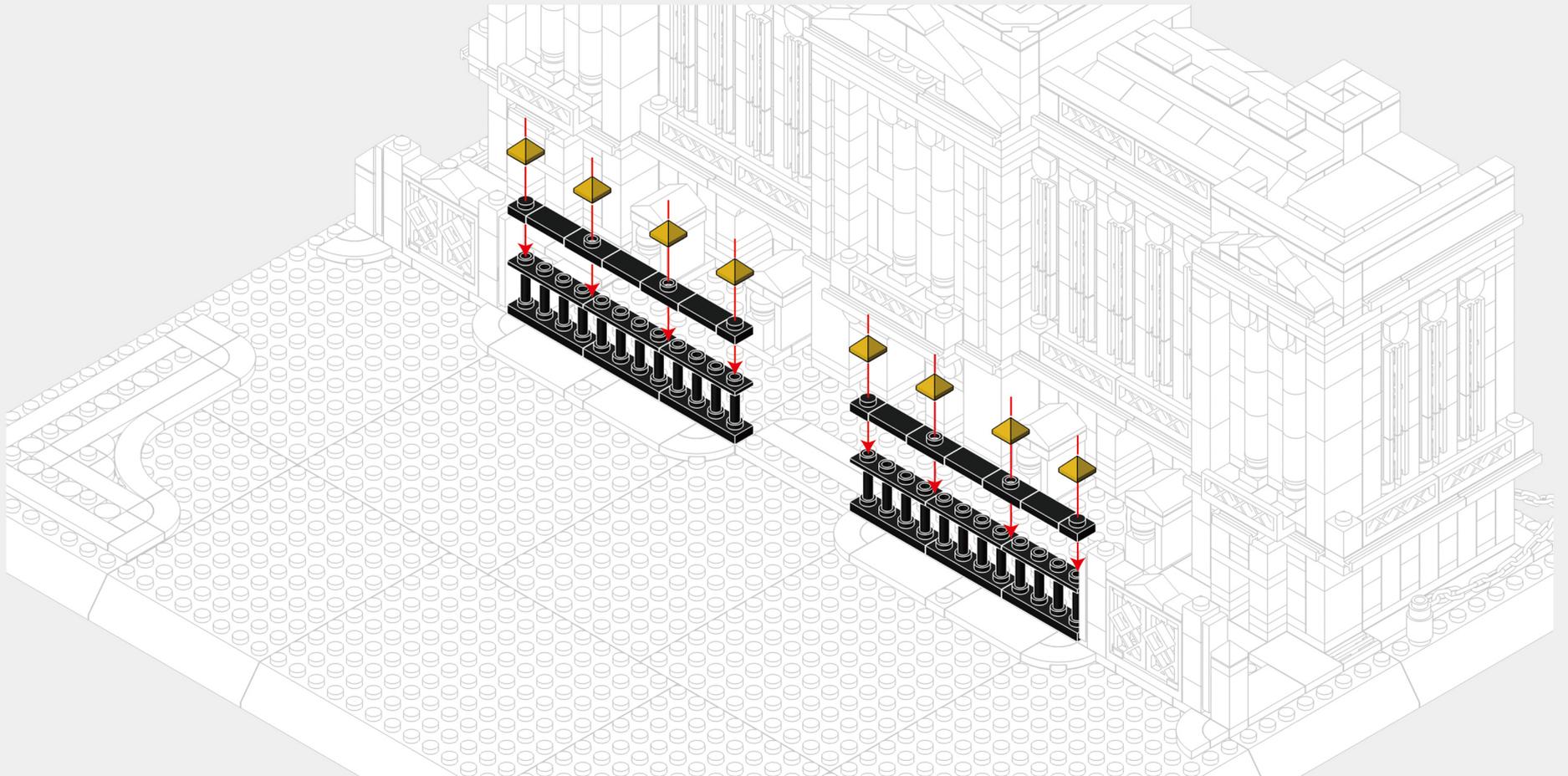
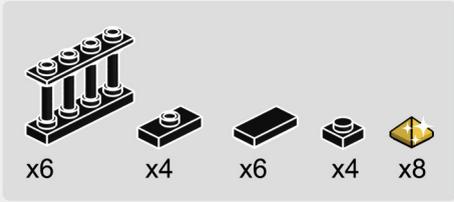
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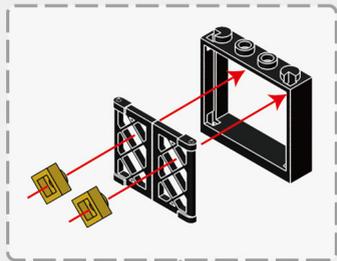
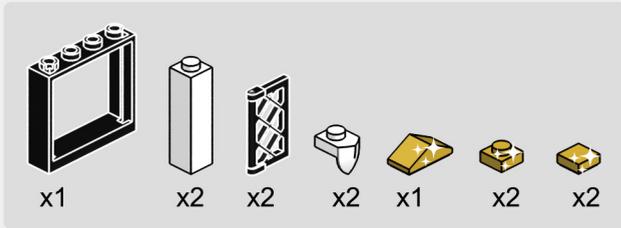
# 5-14



5-15



5-16



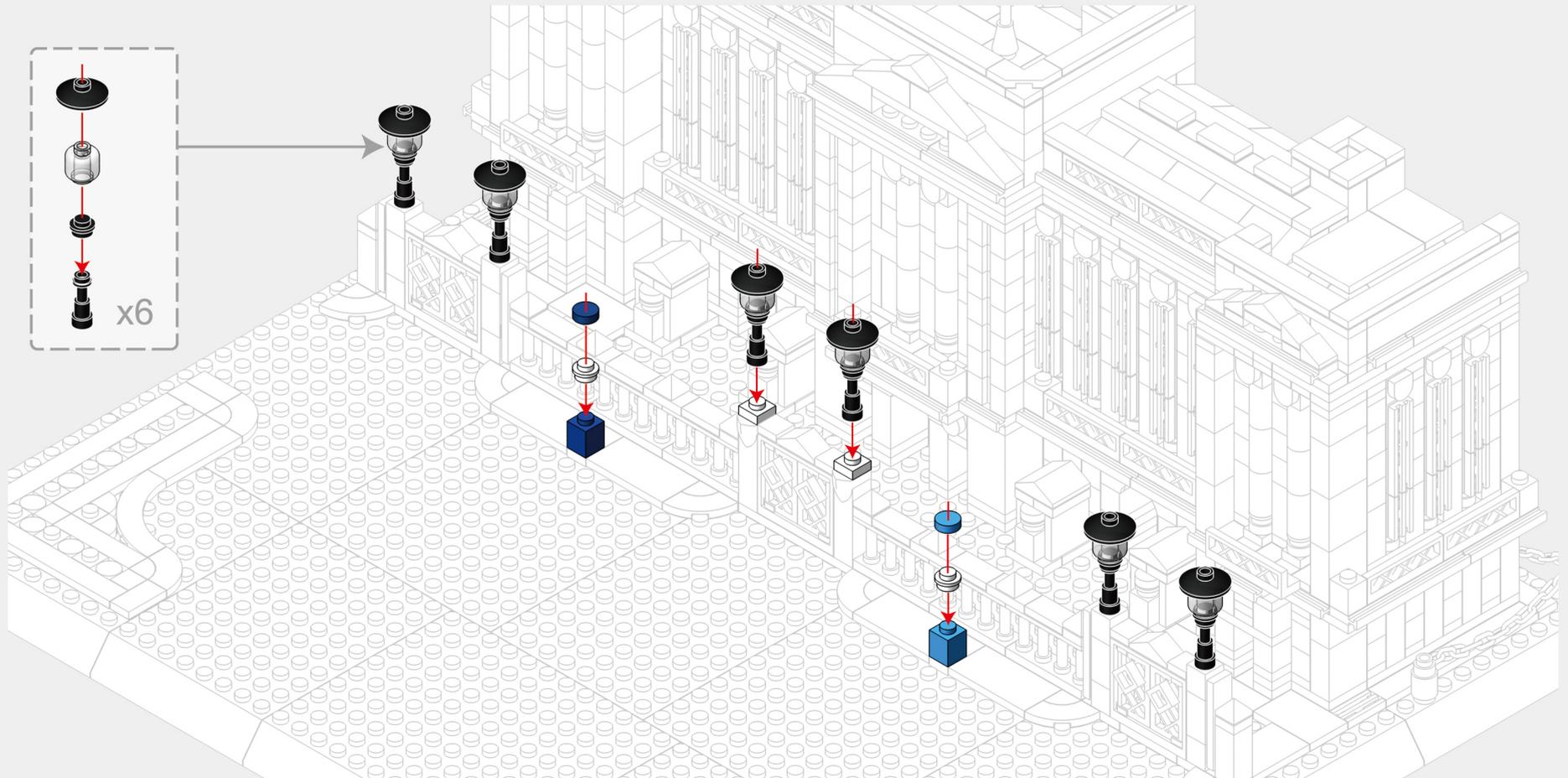


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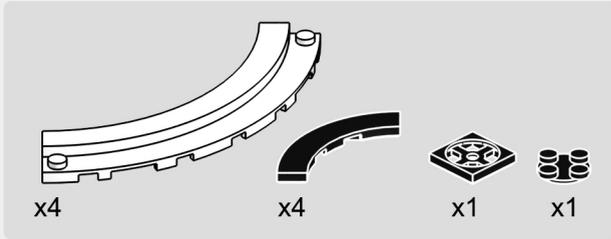


91

6-1



# 6-2

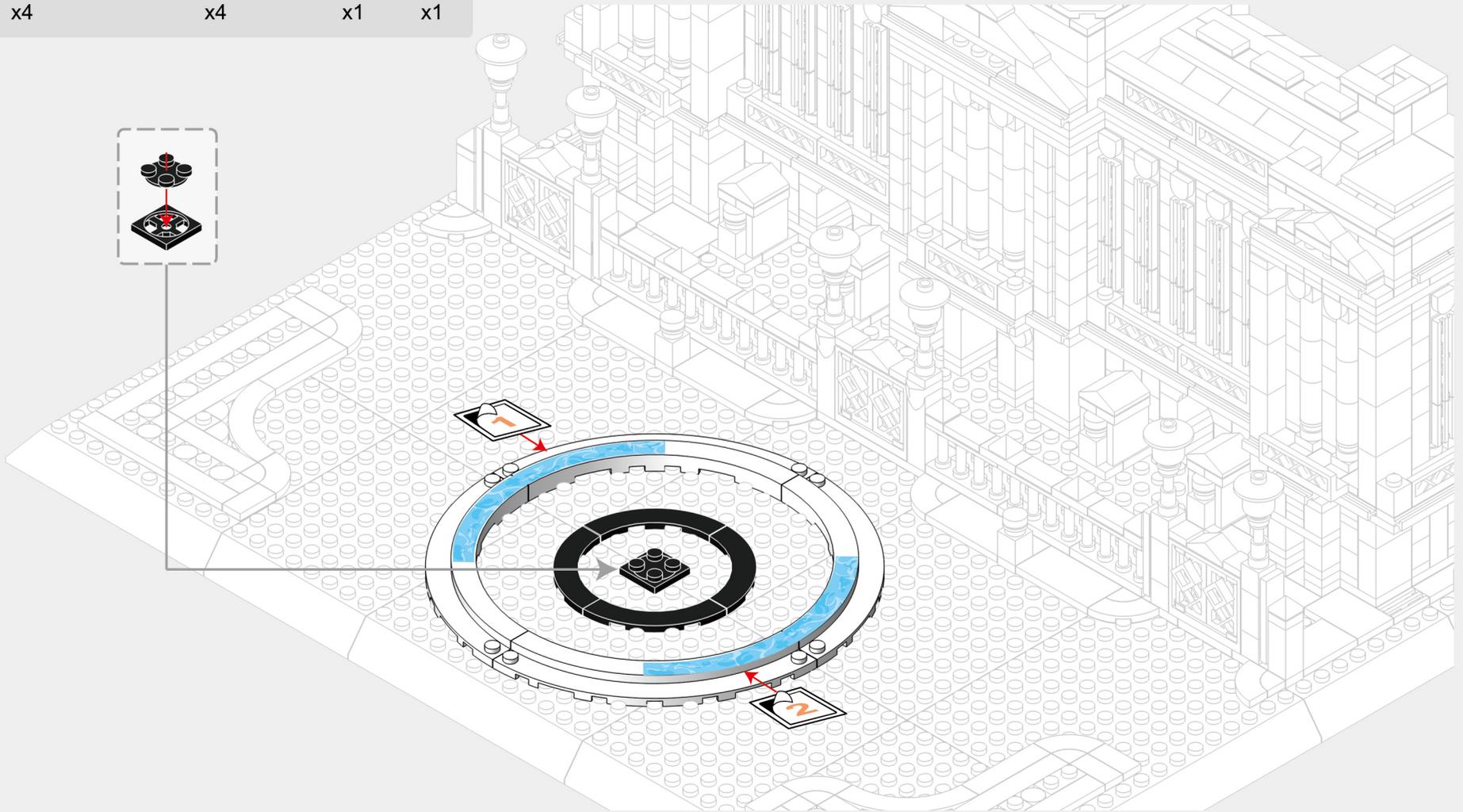


x4

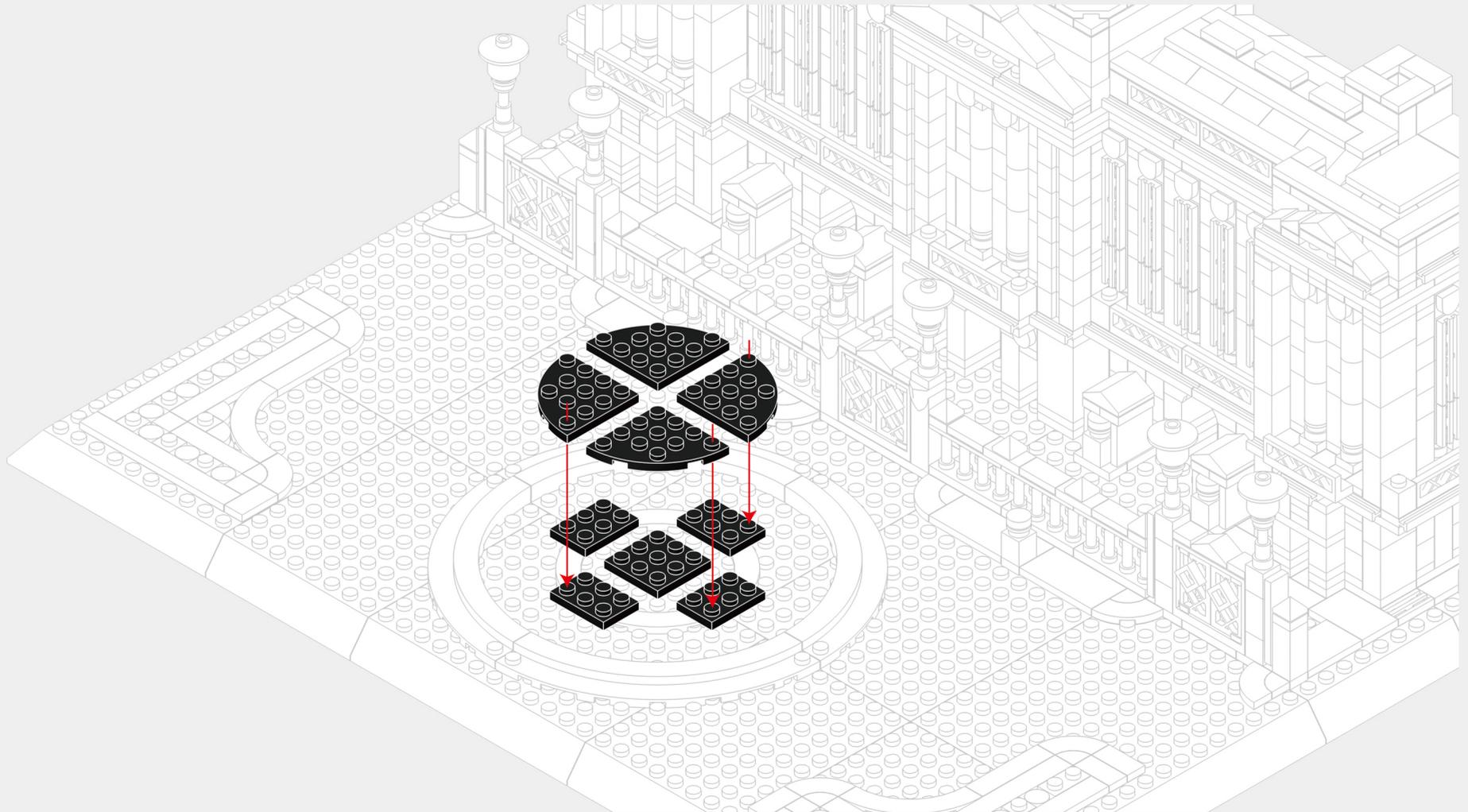
x4

x1

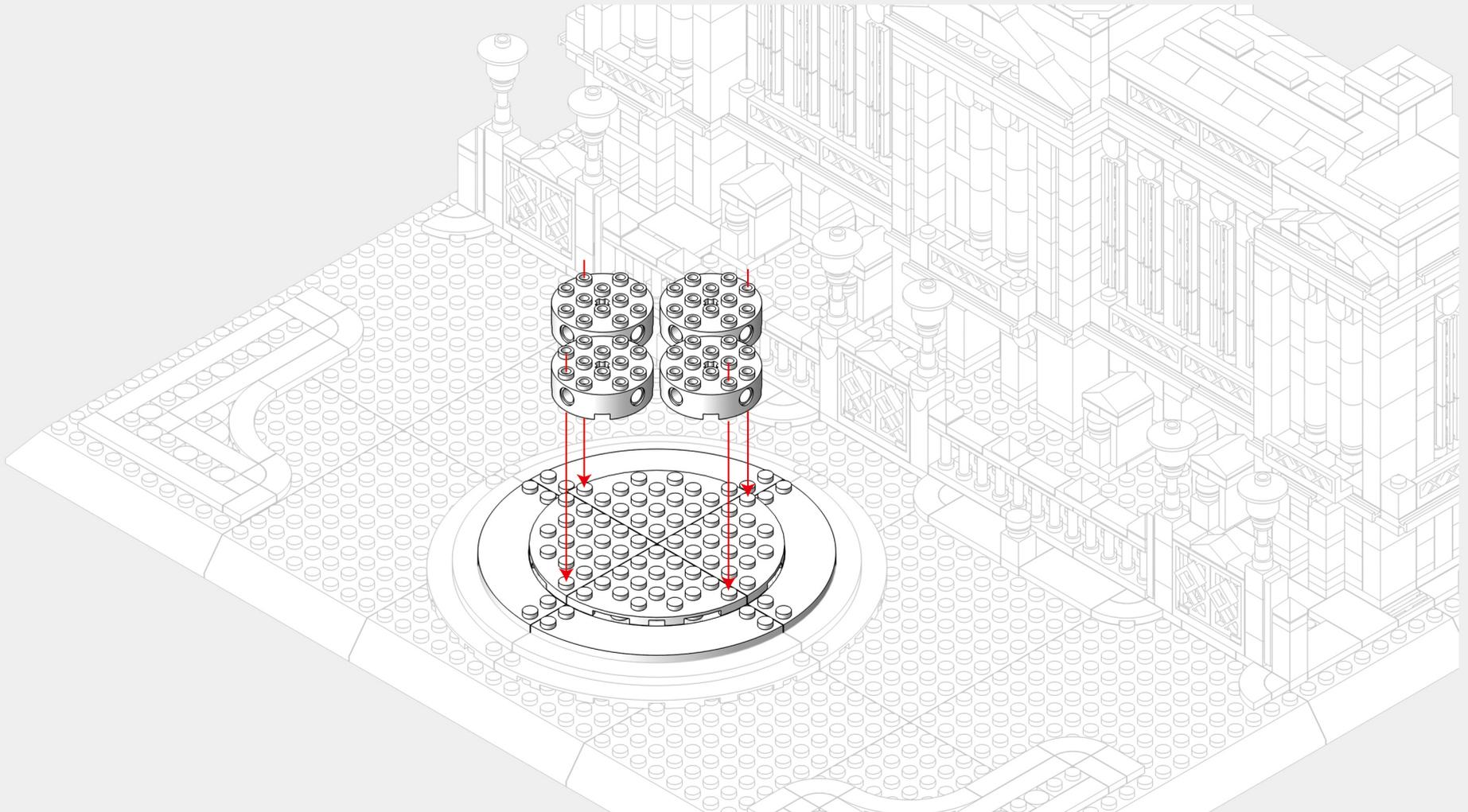
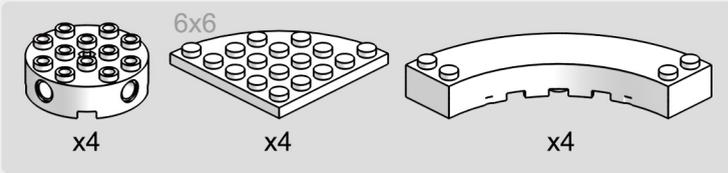
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# 6-3



6-4



6-5



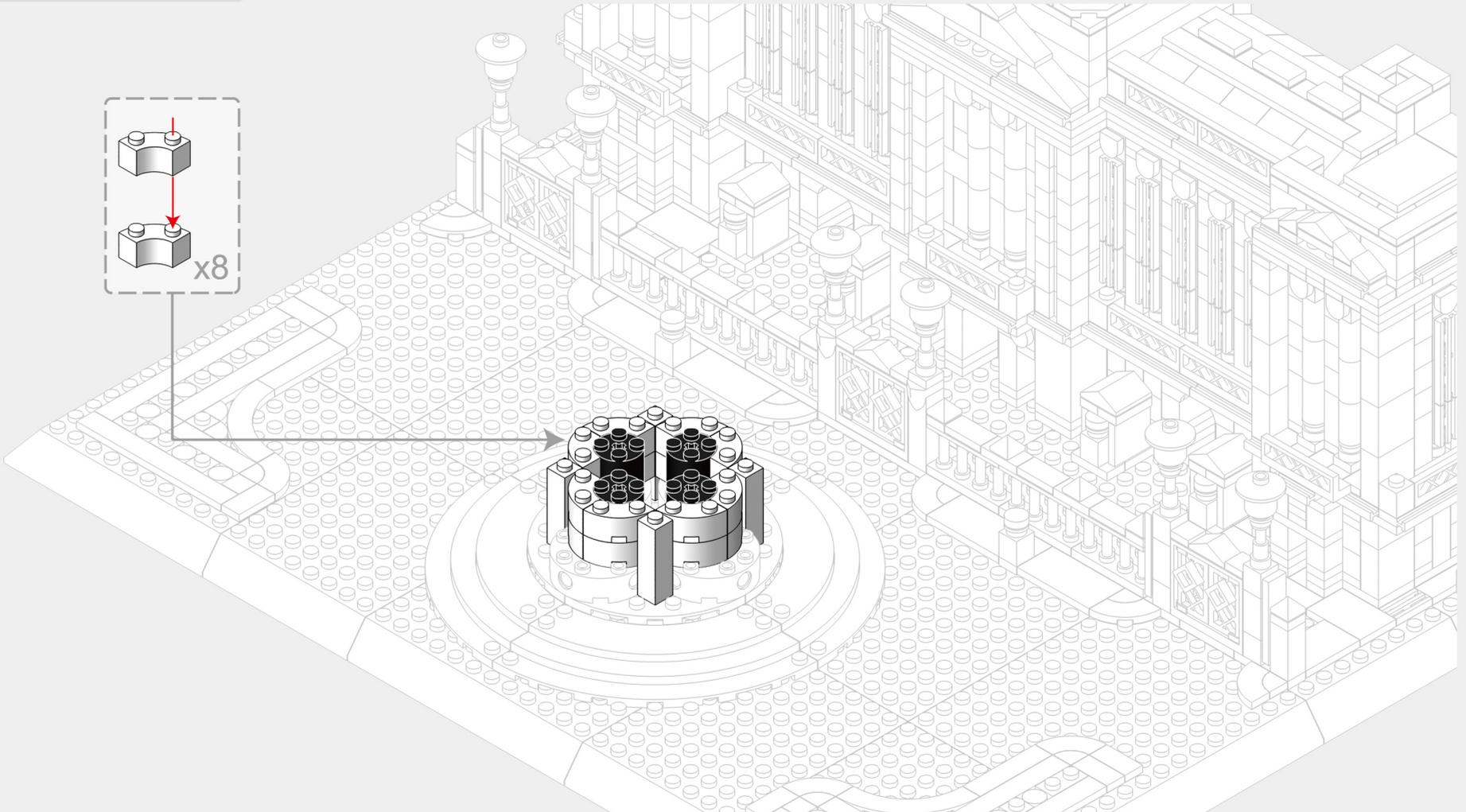
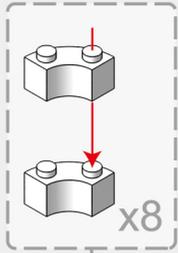
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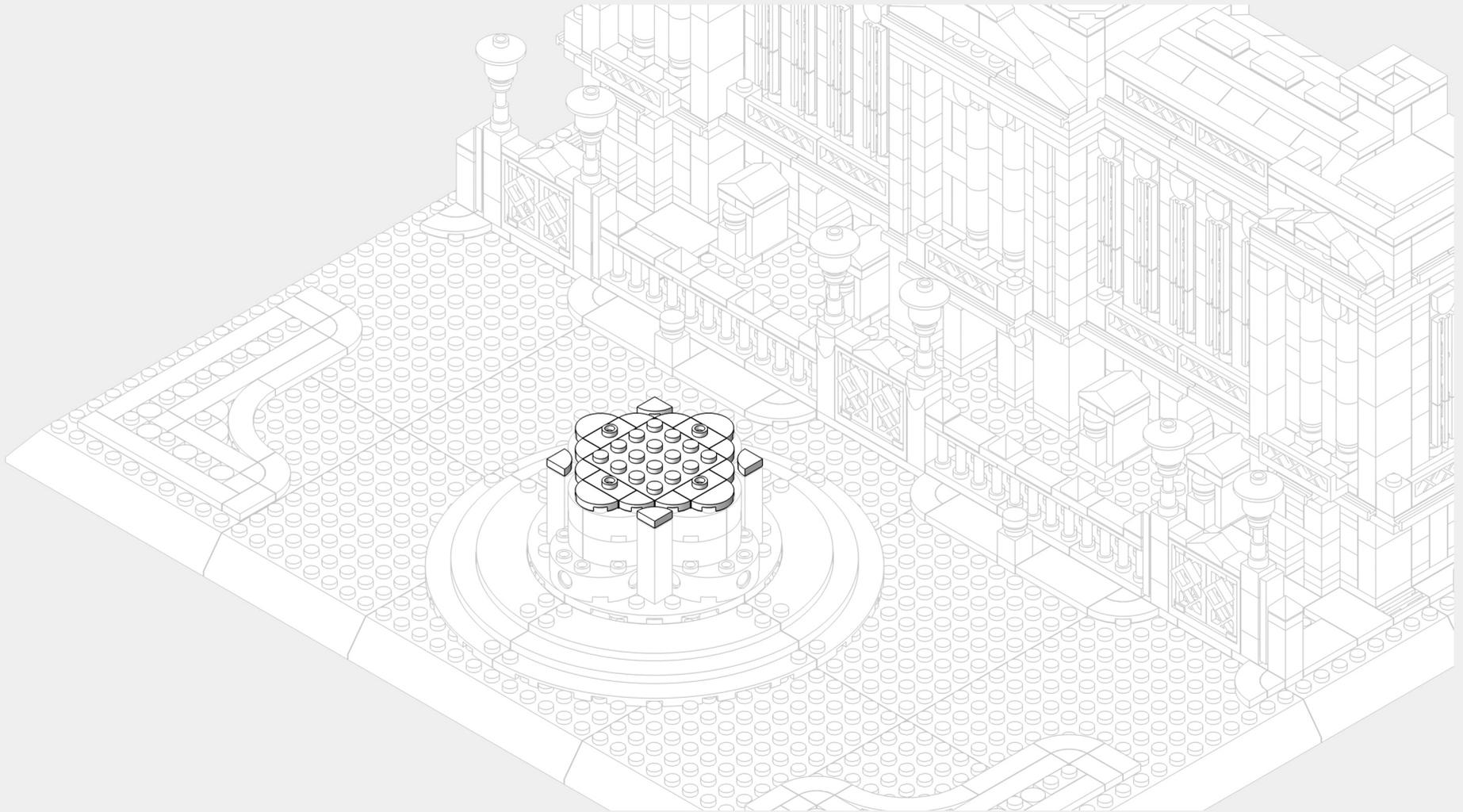
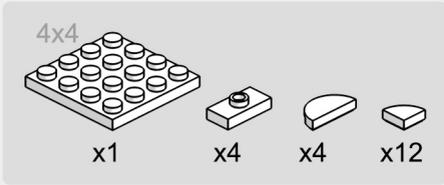
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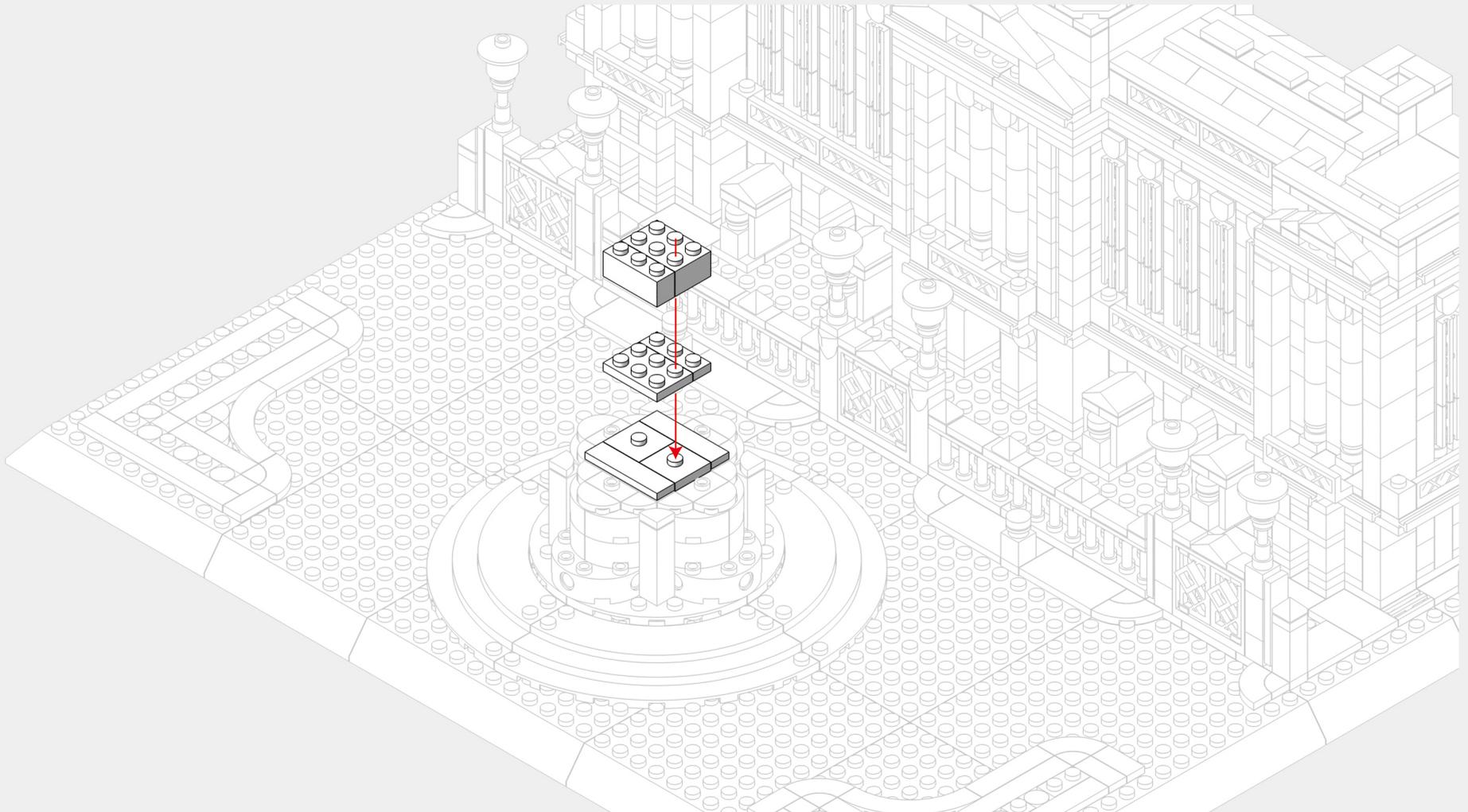
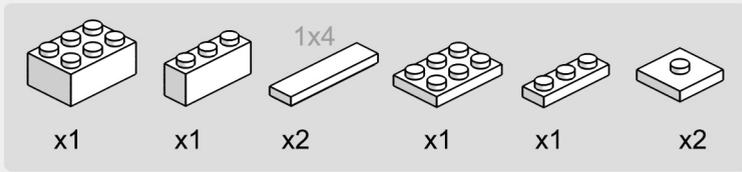
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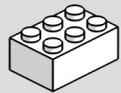
6-6



6-7



6-8



x2



x2



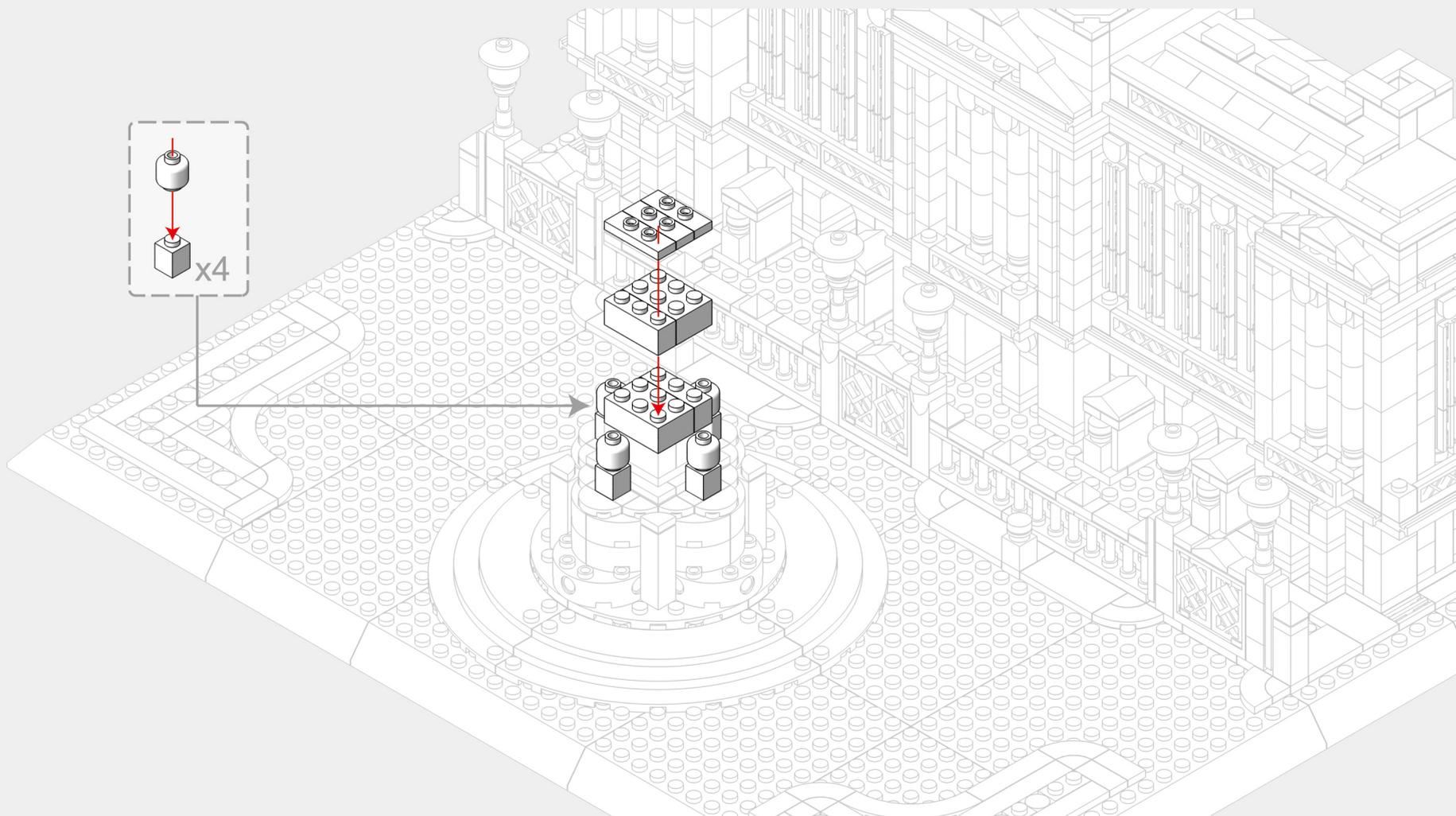
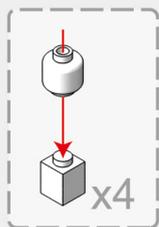
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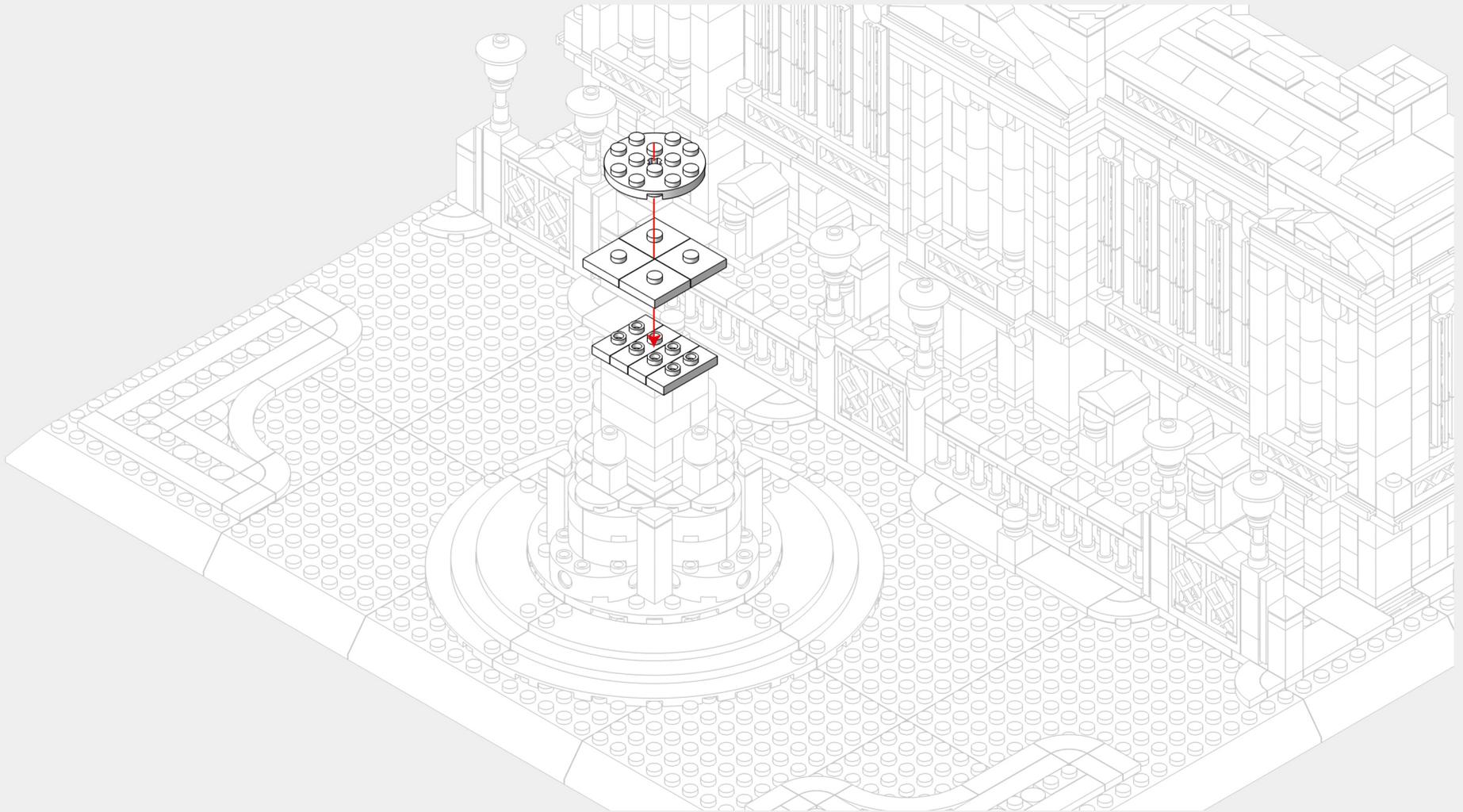
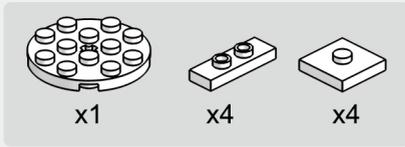
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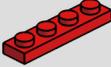
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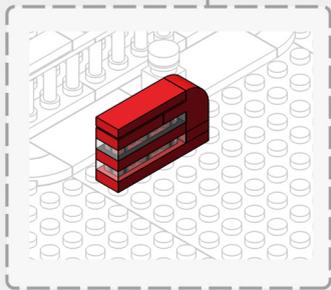
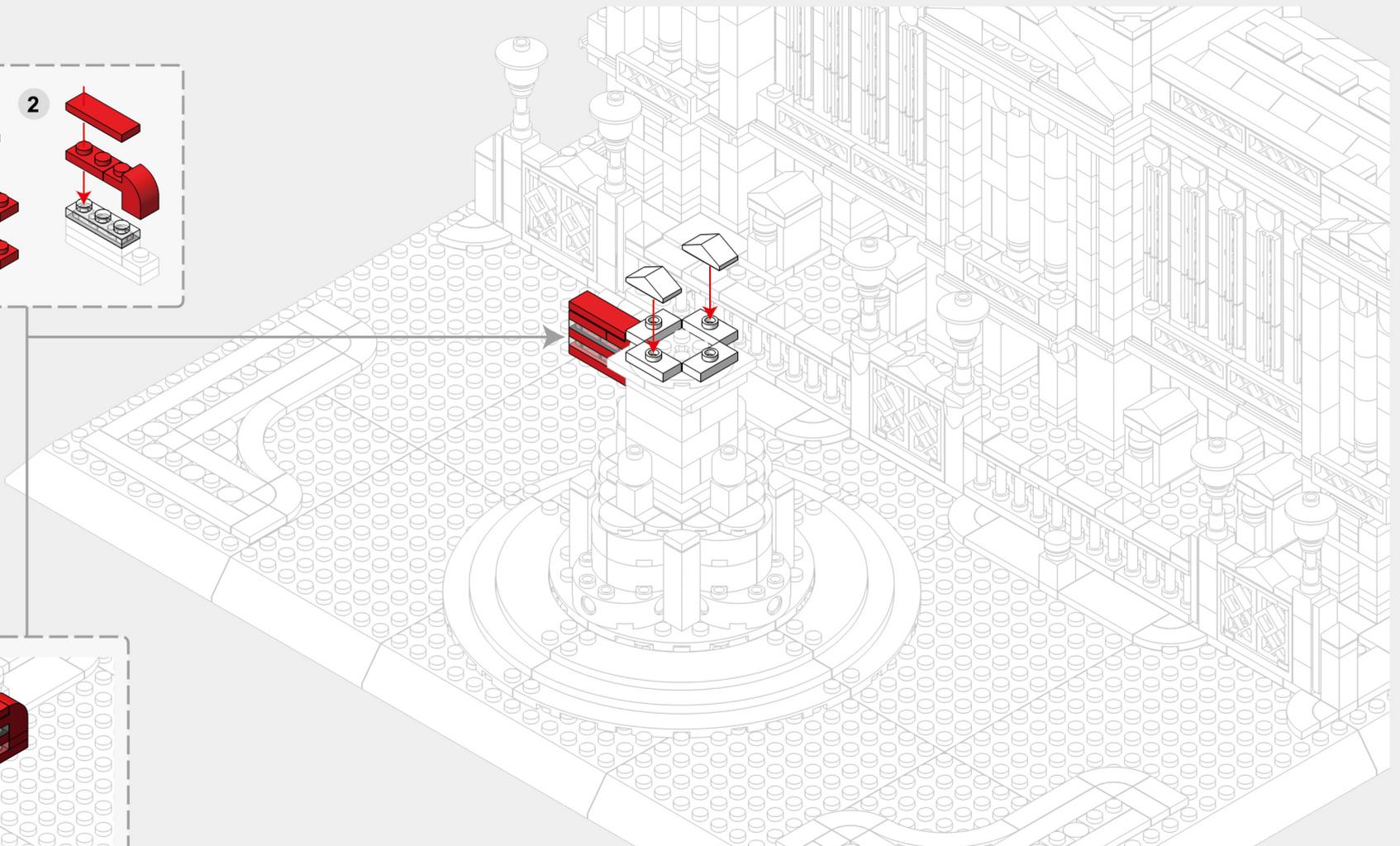
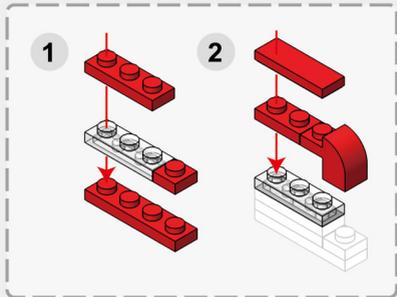


6-9

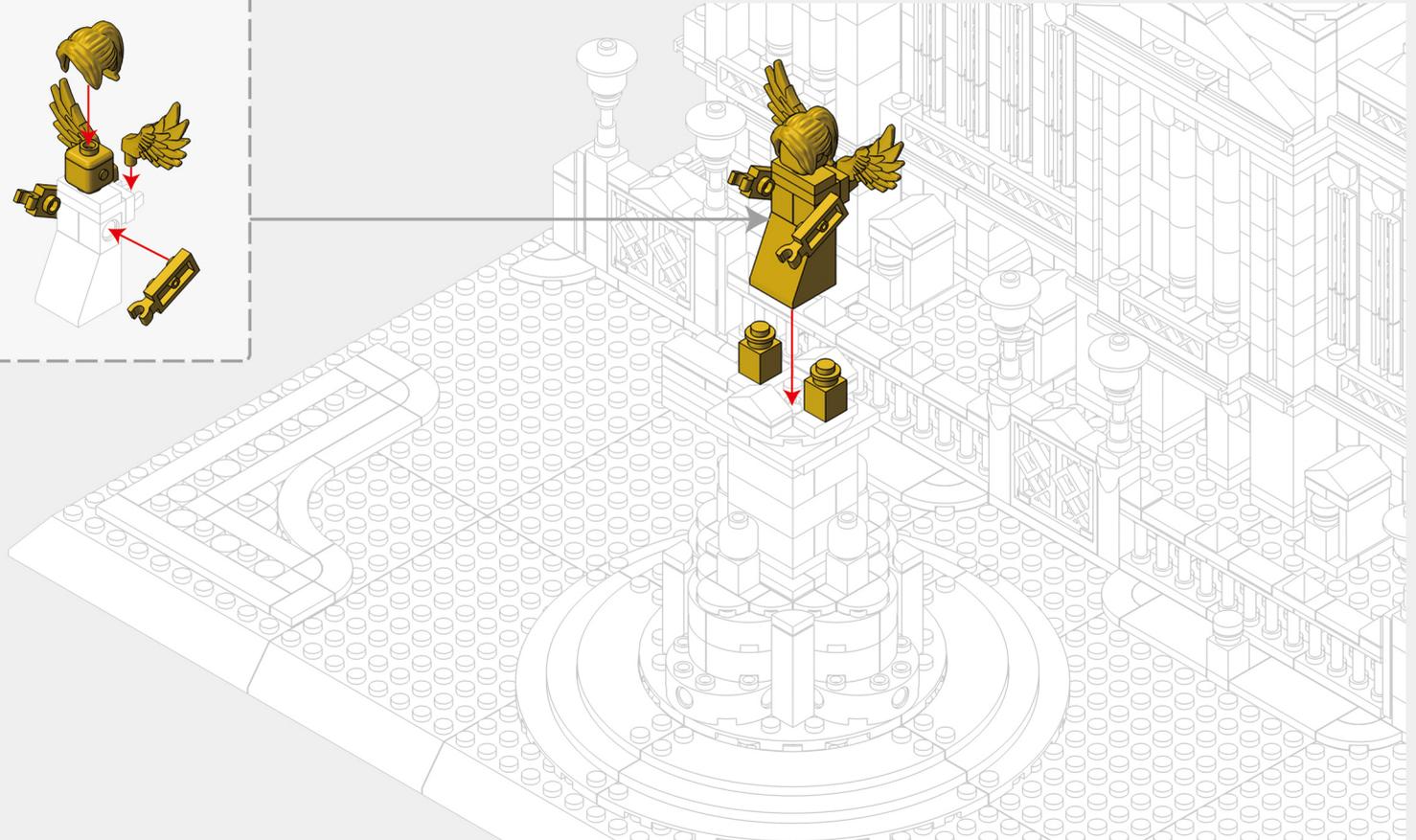
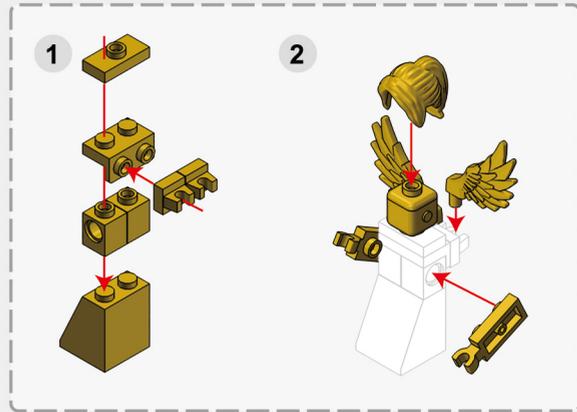


# 6-10

-  x1
-  x1
-  x1
-  x2
-  x1
-  x2
-  x4
-  x1
-  x1

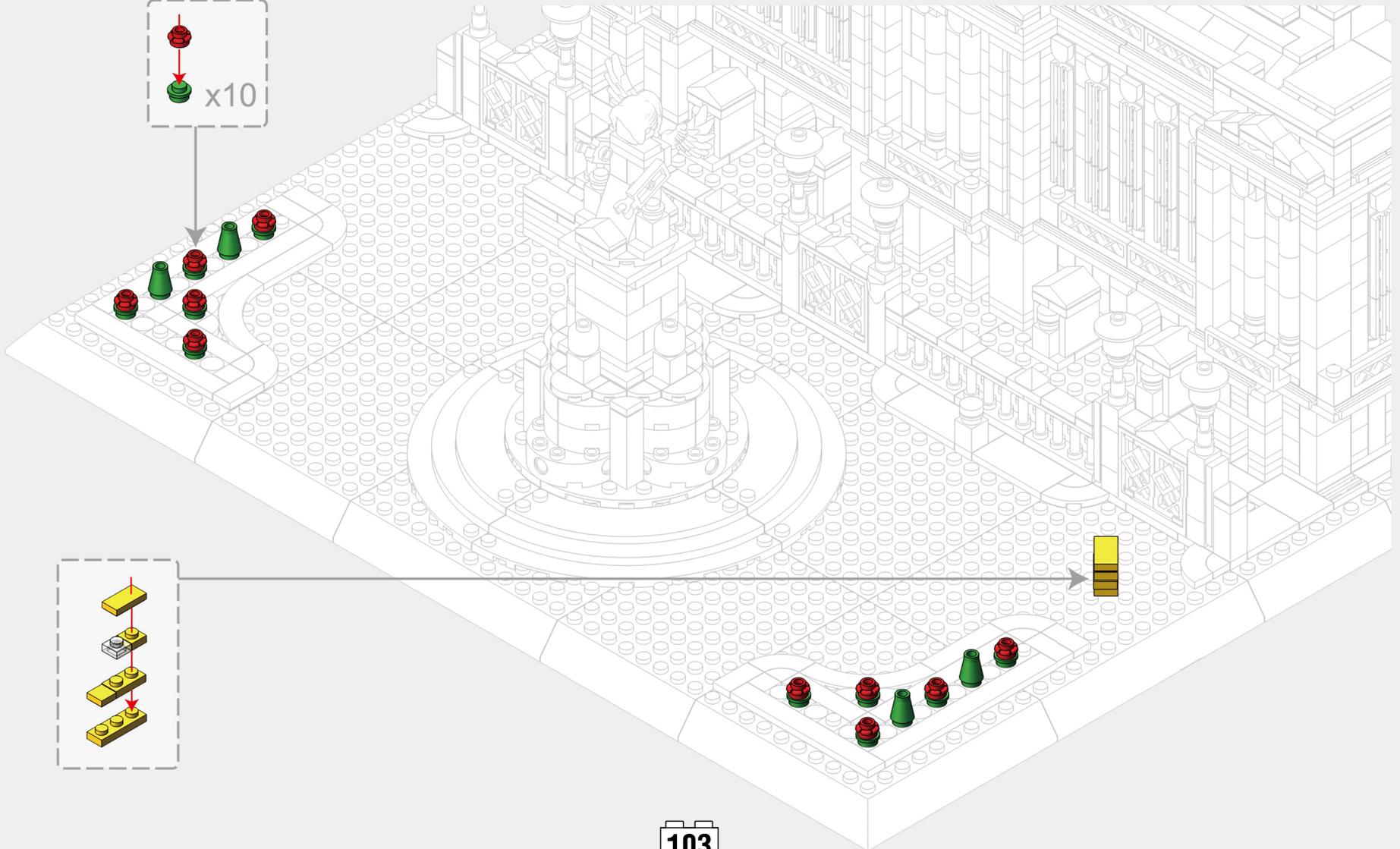
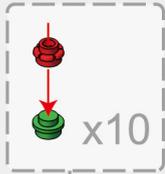


# 6-11

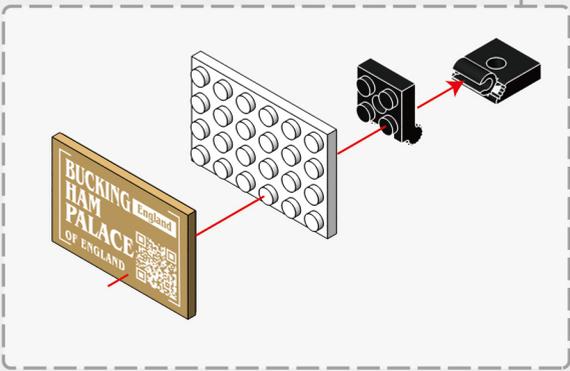
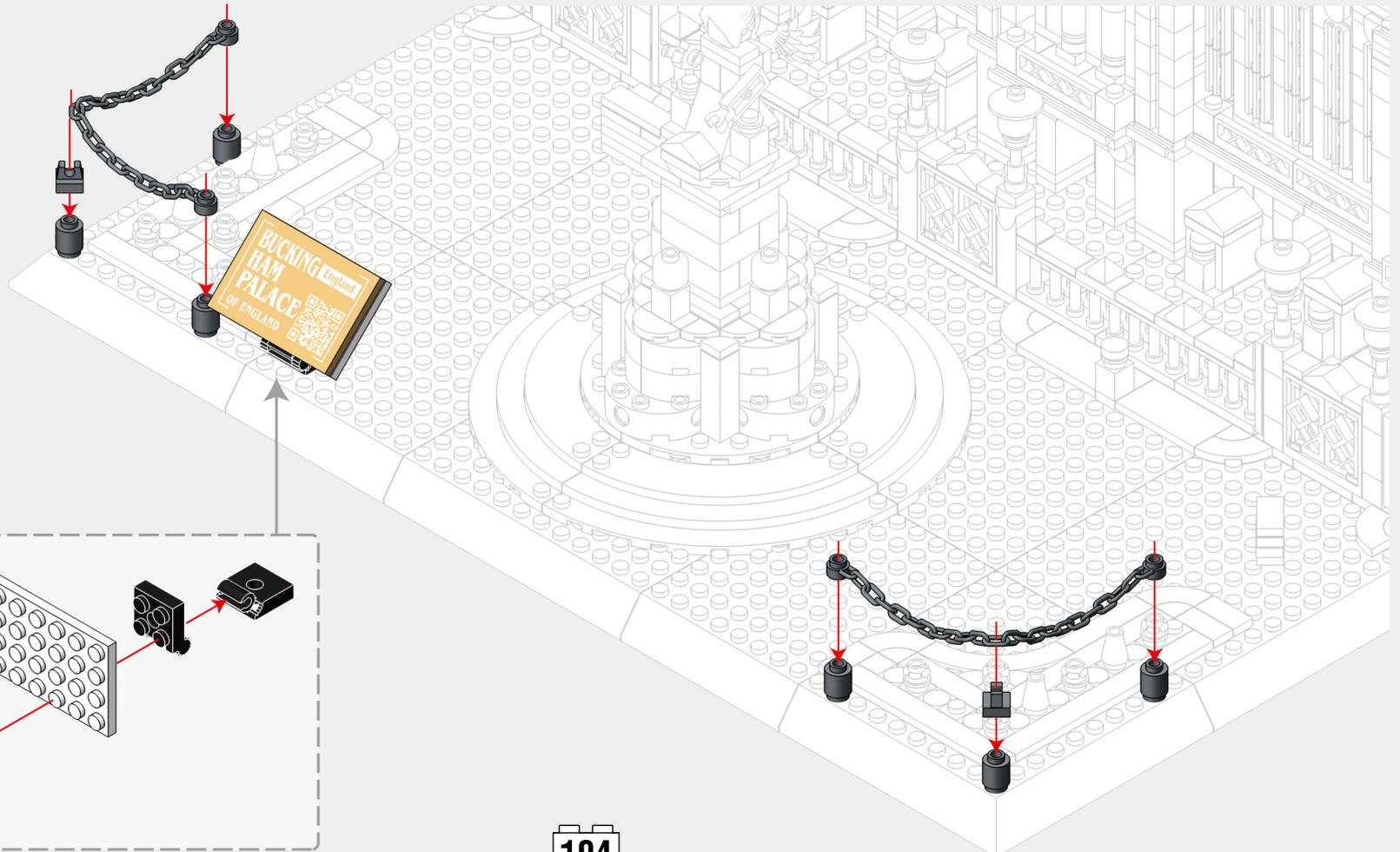
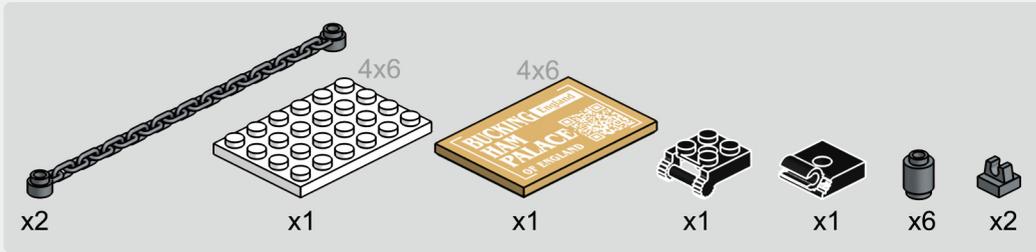


6-12

-  x4
-  x1
-  x1
-  x1
-  x1
-  x1
-  x1
-  x10
-  x10



# 6-13



6-14



x8



x4



x16



x16



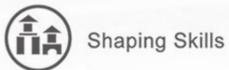
x4





# ARCHITECTURE

The World's great architecture



**6223 英国伦敦白金汉宫**  
BUCKINGHAM PALACE-LONDON,ENGLAND



**5225 意大利罗马斗兽场**  
COLOSSEUM-ROME,ITALY



**5226 日本东京帝国饭店**  
IMPERIAL HOTEL-TOKYO,JAPAN



**5227 美国纽约自由女神像**  
STATUE OF LIBERTY-NEW YORK,AMERICA



**6211 德国柏林勃兰登堡门**  
BRANDENBURG GATE-BERLIN, GERMANY



**6222 中国甘肃长城-嘉峪关**  
JIAYU PASS-GANSU,CHINA



**6212 日本京都清水寺仁王门**  
NIOMON GATE OF KIYOMIZU-DERA-KYOTO,JAPAN



**6213 俄罗斯莫斯科瓦西里大教堂**  
SAINT BASIL'S CATHEDRAL-MOSCOW,RUSSIA



**6214 中国武汉黄鹤楼**  
YELLOW CRANE TOWER-WUHAN,CHINA



**6215 英国伦敦眼**  
LONDON EYE-LONDON,ENGLAND



**6221 中国北京故宫-太和殿**  
HALL OF SUPREME HARMONY-BEIJING,CHINA



**6220 沙特阿拉伯麦加大清真寺**  
GREAT MOSQUE OF MECCA,SAUDI ARABIA



**6219 美国纽约联合国大厦**  
UNITED NATIONS HEADQUARTERS-NEW YORK,AMERICA



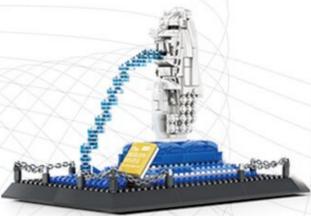
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WHITE HOUSE-WASHINGTON D.C.,AMERICA



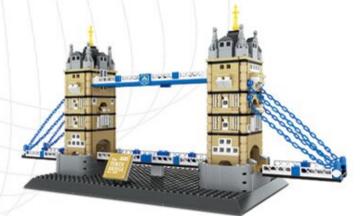
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TREVII FOUNTAIN-ROME,ITALY



**4213 法国巴黎卢浮宫**  
MUSÉE DU LOUVRE-PARIS,FRANCE



**4218 新加坡-鱼尾狮**  
MERLION,SINGAPORE



**4219 英国伦敦双子塔桥**  
TOWER BRIDGE-LONDON,ENGLAND



**4216 美国华盛顿林肯纪念堂**  
LINCOLN MEMORIAL-WASHINGTON D.C.,AMERICA



**4217 新加坡-金沙酒店**  
MARINA BAY SANDS,SINGAPORE



**4210 埃及开罗吉萨金字塔**  
GREAT PYRAMID OF GIZA-CAIRO,EGYPT



**4221 加拿大渥太华国会山庄**  
PARLIAMENT BUILDINGS-OTTAWA,CANADA



**4211 英国伦敦伊丽莎白塔**  
ELIZABETH TOWER-ENGLAND



**4215 加拿大多伦多电视塔**  
THE CN TOWER-CANADA



**4220 美国纽约熨斗大厦**  
FLATIRON BUILDING-NEW YORK,AMERICA



**4222** 阿联酋迪拜哈利法塔  
THE BURJ KHALIFA TOWER-DUBAI,UAE



**5224** 中国上海东方明珠广播电视塔  
ORIENTAL PEARL TOWER-SHANGHAI,CHINA



**5212** 美国纽约帝国大厦  
EMPIRE STATE BUILDING-NEW YORK,AMERICA



**5213** 马来西亚吉隆坡石油双塔  
PETRONAS TWIN TOWERS-KUALA LUMPUR,MALAYSIA



**5214** 意大利托斯卡纳比萨斜塔  
LEANING TOWER OF PISA-TUSCANY,ITALY



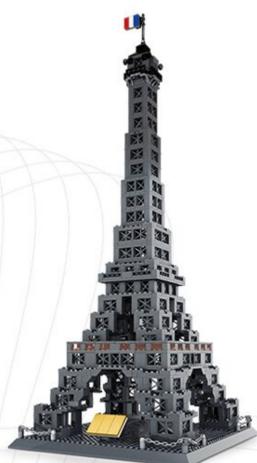
**5216** 英国伦敦伊丽莎白塔  
ELIZABETH TOWER-LONDON,ENGLAND



**5219** 俄罗斯莫斯科克里姆林宫钟楼  
SPASSKAYA TOWER-MOSCOW,RUSSIA



**5220** 阿联酋迪拜卓美亚帆船酒店  
BURJ AL ARAB HOTEL-DUBAI,UAE



**5217** 法国巴黎埃菲尔铁塔  
EIFFEL TOWER-PARIS,FRANCE



**5221** 中国台北101大楼  
TAIPEI 101-TAIPEI,CHINA



**6223** 中国武汉长江大桥  
WUHAN YANGTZE RIVER BRIDGE



**5210** 法国巴黎圣母院大教堂  
CATHÉDRALE NOTRE DAME DE PARIS-PARIS,FRANCE



**5211** 印度阿格拉泰姬陵  
TAJ MAHAL-AGRA,INDIA



**5223** 法国巴黎凯旋门  
ARC DE TRIOMPHE-PARIS,FRANCE



**5215** 英国伦敦双子塔桥  
TOWER BRIDGE-LONDON,ENGLAND



**5222** 中国北京天坛祈年殿  
HALL OF PRAYER FOR GOOD HARVESTS-BEIJING,CHINA



**6210** 美国旧金山金门大桥  
GOLDEN GATE BRIDGE-SAN FRANCISCO,AMERICA



**6216** 中国北京万里长城（八达岭）  
THE GREAT WALL-BEIJING,CHINA



**5218** 中国北京天安门  
TIANANMEN TOWER-BEIJING,CHINA



**6217** 中国西藏布达拉宫  
POTALA PALACE-TIBET,CHINA



**6218** 芬兰罗瓦涅米圣诞老人办公室  
SANTA CLAUS OFFICE-ROVANIEMI,FINLAND

# BUCKINGHAM PALACE

COUNTRY: England

CITY: London



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