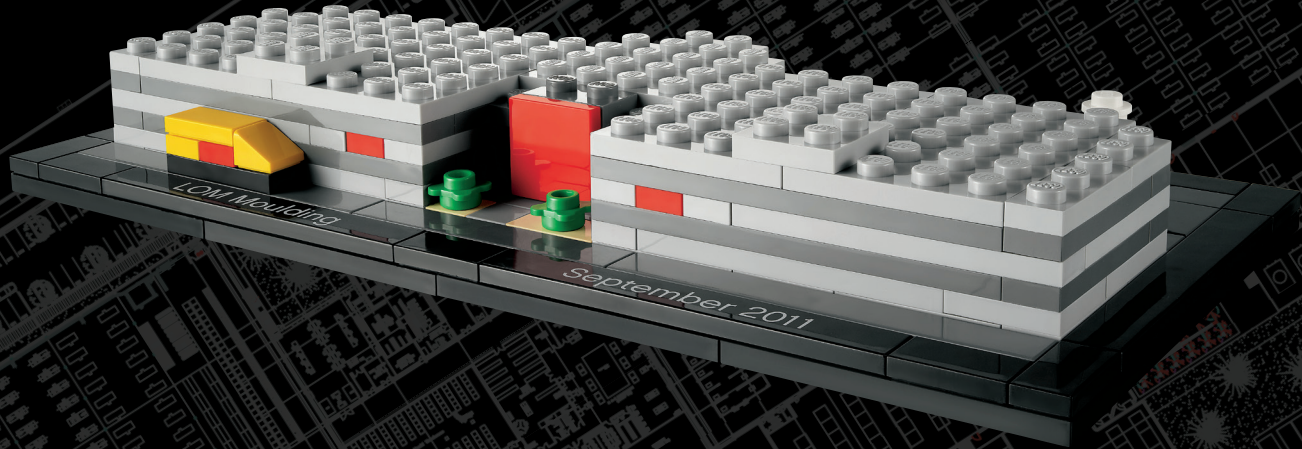




LOM²⁰¹¹ Moulding



LOM Moulding

When the first LOM facility, which included 182 moulding machines in the Moulding Department, was completed in 2009, it was expected that it would meet The LEGO Group's capacity requirements for some years to come. However, sales at The LEGO Group increased so quickly that there was soon talk about expanding. Another building was available next to the first facility, in another industrial park. Based on this building, a new project was started to create a new moulding facility. At the end of 2009, preparations started and the project was approved by The LEGO Group Board of Directors in May 2010.

From May to July, a project group was established with representatives from Facility, Engineering and Production. Construction work started on July 14th, 2010 and the first phase of the building was ready for infrastructural fitting in January 2011. From January to September 2011, construction and fitting work continued in parallel. After only 14 months of work, construction ended in September 2011.

On April 1st, 2011, the first of the moulding machines were commissioned in what is now called Module 2. In the period from April to the end of June, 336 new moulding machines were installed in Modules 1 and 2, along with various systems for handling raw materials, storage, cleaning equipment, etc. The move from the existing moulding facility with associated workshops and other supporting functions started in June 2011 and was completed in September 2011. The factory was officially opened on September 30th, 2011, as originally planned in June 2010.



Facts



Location: LEGO Operaciones de México
Boulevard Nexxus AND 2400
Ciénega de Flores, Nuevo León
C.P. 65550 México

Dates: From May 2010 to September 2011

Building area: 39,900 m² (430,000 sq. ft.)

Machine locations: 768

Machine capacity: 60-150 tons

Instalaciones de moldeo de LOM

Tras la inauguración en 2009 de las primeras instalaciones de LOM, cuyo departamento de moldeo estaba formado por 182 máquinas de moldeo, todos esperábamos que su capacidad fuese suficiente como para satisfacer los requisitos de The LEGO Group durante varios años. Sin embargo, las ventas de The LEGO Group crecieron con tal rapidez que no pasó mucho tiempo hasta que fue necesario comenzar a hablar acerca de una expansión. Además del edificio en el que implantamos las primeras instalaciones, había otro disponible en otro polígono industrial que sería finalmente elegido como base de un nuevo proyecto destinado a la construcción de nuevas instalaciones de moldeo. Los preparativos dieron comienzo a finales de 2009 y el proyecto fue aprobado por la junta directiva de The LEGO Group en mayo de 2010.

Los días que transcurrieron entre mayo y julio sirvieron para establecer un grupo dedicado al proyecto que contaría con representantes de los departamentos de instalaciones, ingeniería y producción. Las obras comenzaron el 14 de julio de 2010 y la primera etapa del edificio ya estaba lista para la

dotación de infraestructuras en enero de 2011. Entre enero y septiembre de 2011, los trabajos de construcción y dotación se desarrollaron en paralelo. Tras sólo 14 meses de trabajo, el edificio abrió sus puertas en septiembre de 2011.

El 1 de abril de 2011 se asignó una primera máquina de moldeo a lo que hoy conocemos como el Módulo 2. Durante el periodo comprendido entre primeros de abril y finales de junio se instalaron 336 nuevas máquinas de moldeo en los Módulos 1 y 2,



acompañadas de diferentes sistemas destinados a la manipulación de materias primas, el almacenamiento, la limpieza, etc. La mudanza desde las antiguas instalaciones de moldeo, en la que participaron los talleres asociados y demás funciones de apoyo, dio comienzo en junio de 2011 y finalizó en septiembre del mismo año. La fábrica abrió sus puertas oficialmente el 30 de septiembre de 2011, tal y como se había previsto originalmente en junio de 2010.

Ficha de datos

Ubicación: LEGO Operaciones de México

Boulevard Nexxus ADN 2400

Ciénega de Flores, Nuevo León

C. P. 65550, México

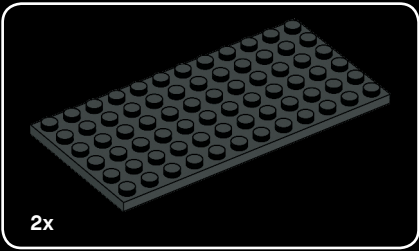
Duración: de mayo de 2010 a septiembre de 2011

Superficie útil: 39.900 m² (430.000 ft²)

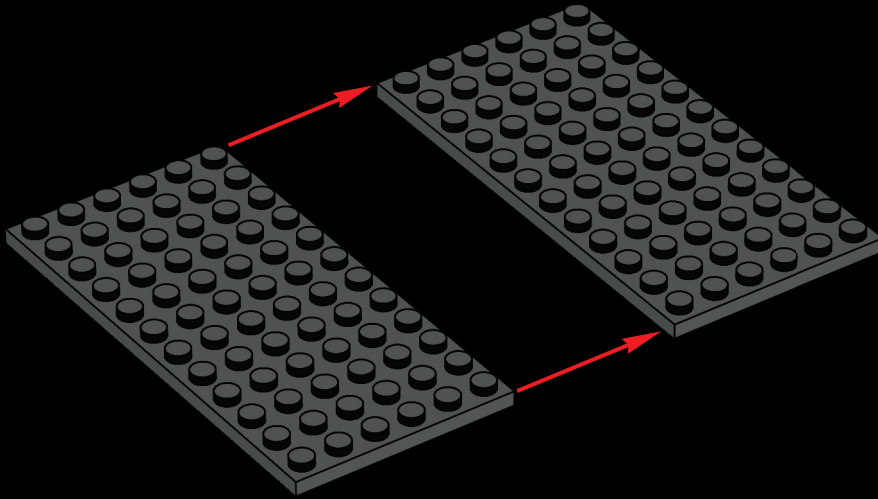
Puntos para la instalación de máquinas: 768

Capacidad de las máquinas: 60-150 toneladas

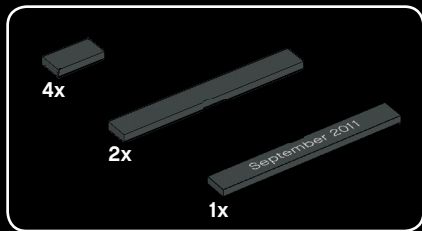




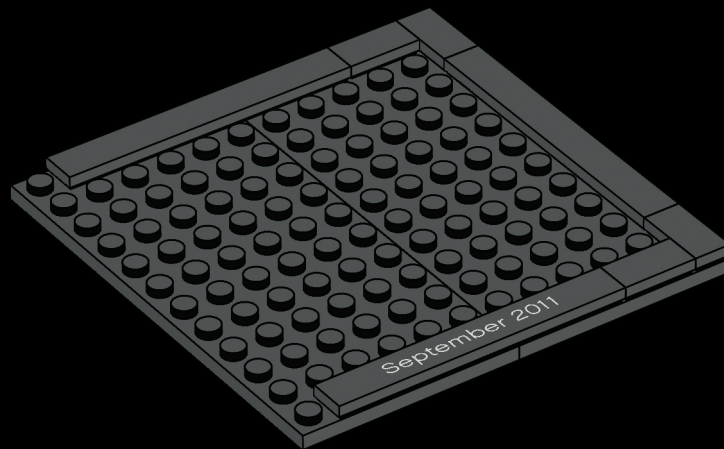
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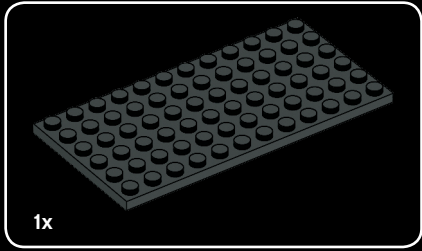


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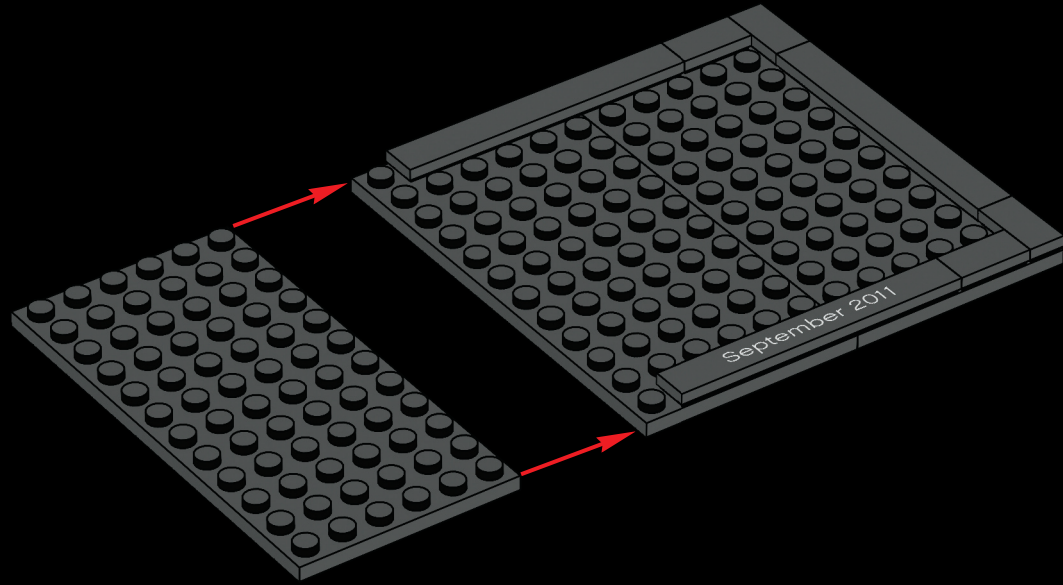


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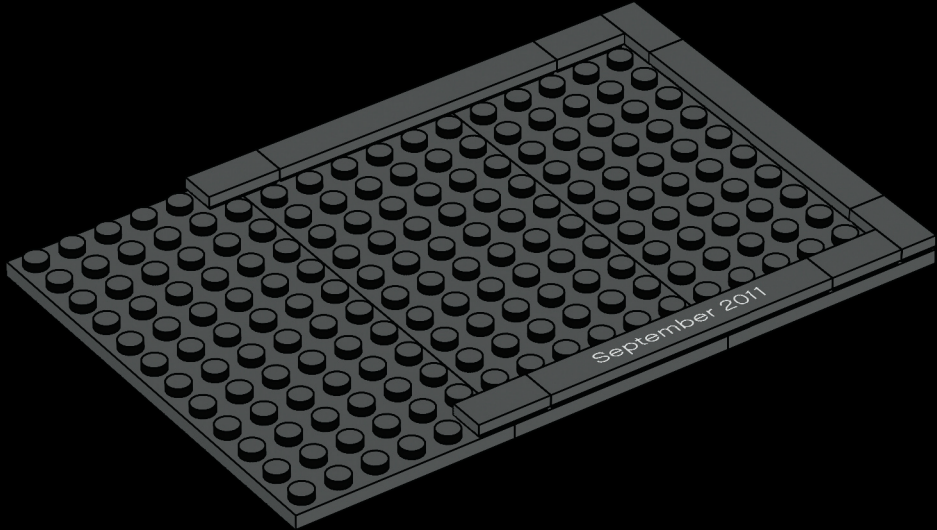
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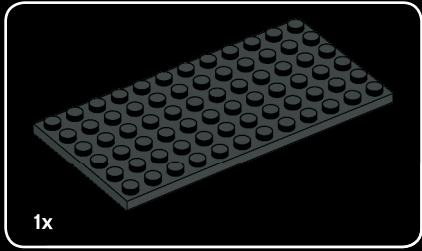


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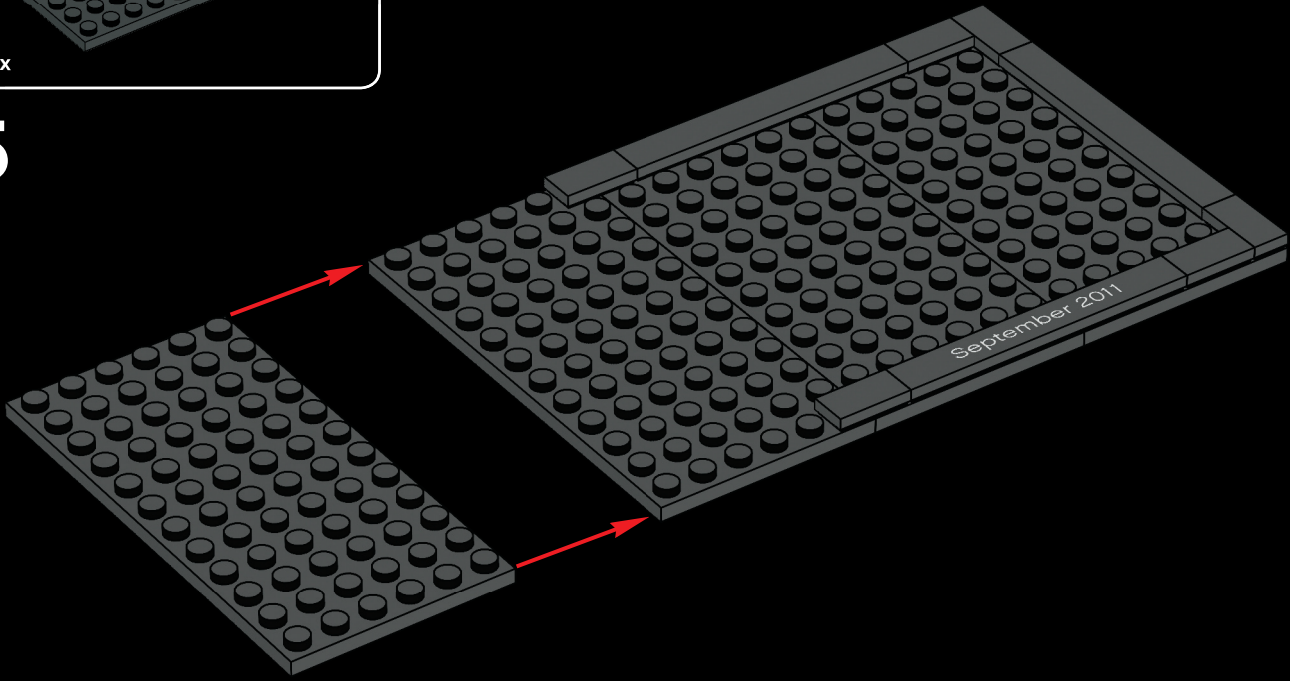


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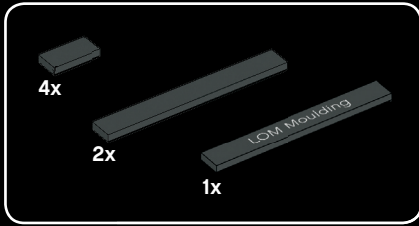




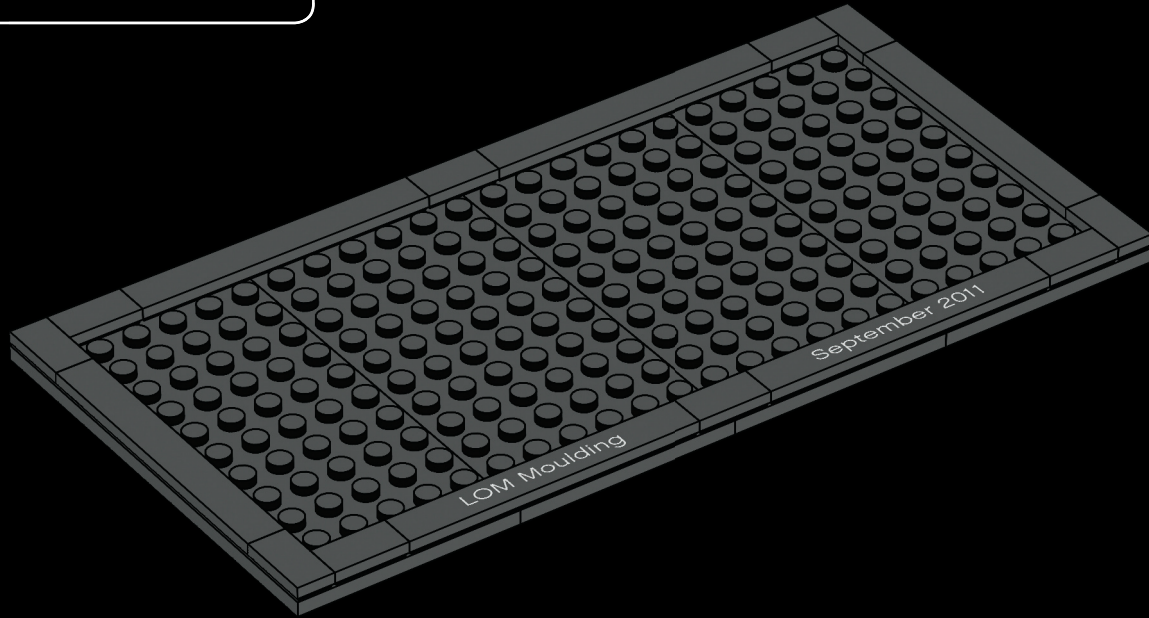
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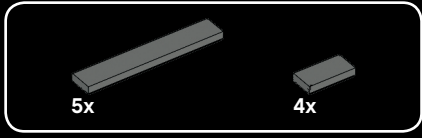


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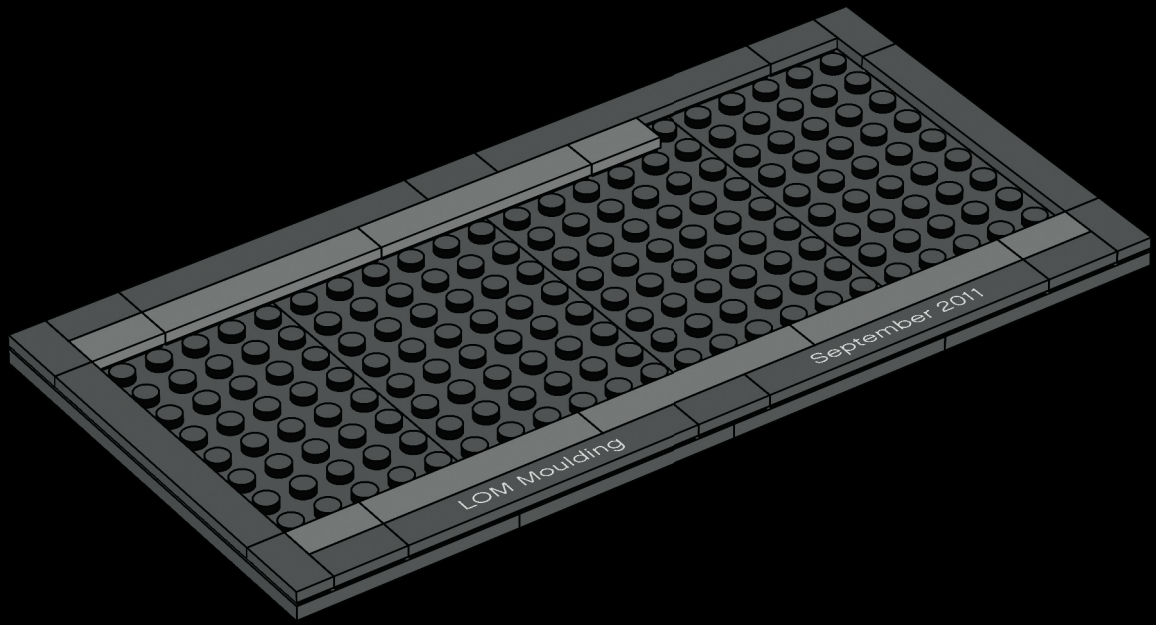


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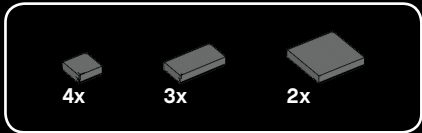




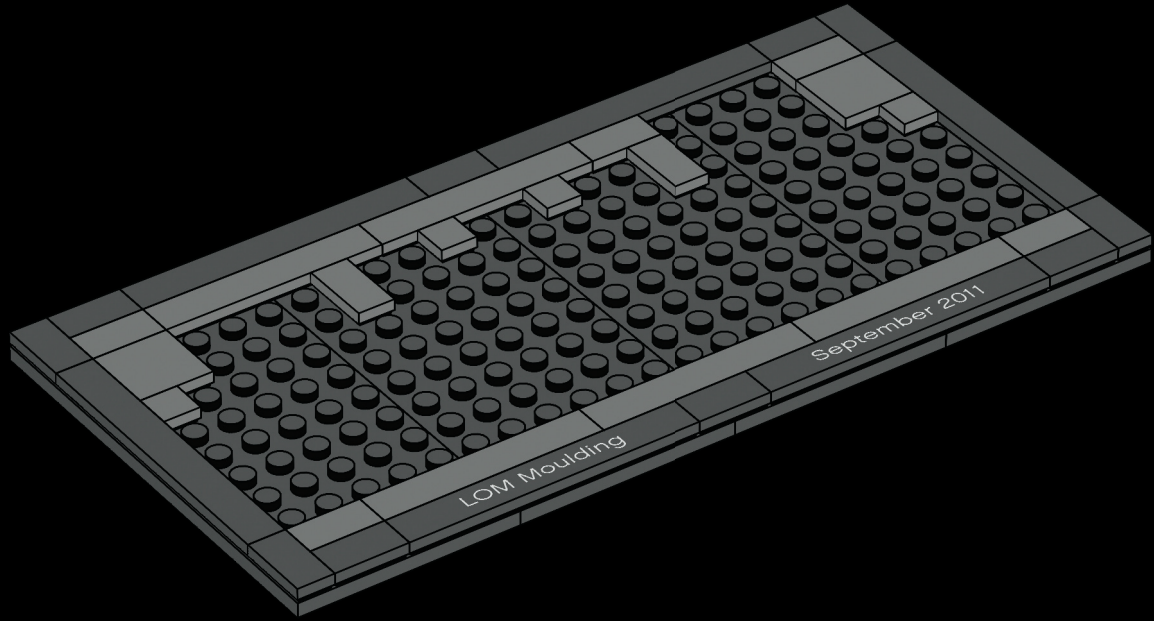
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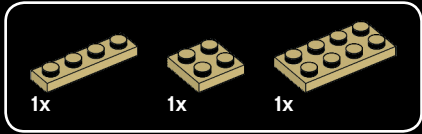


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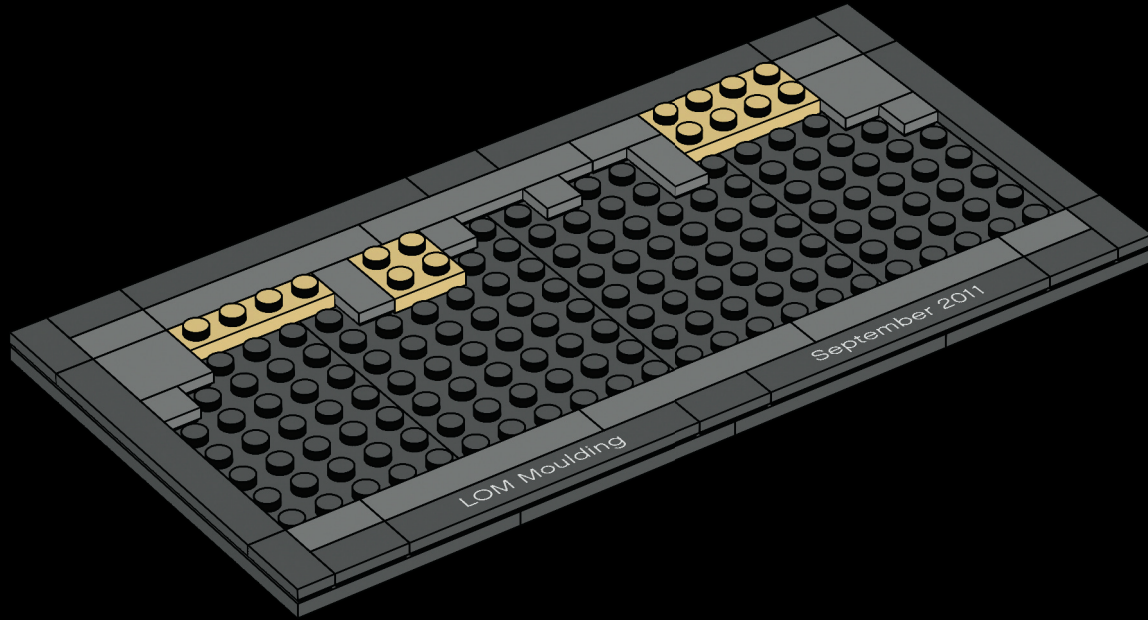


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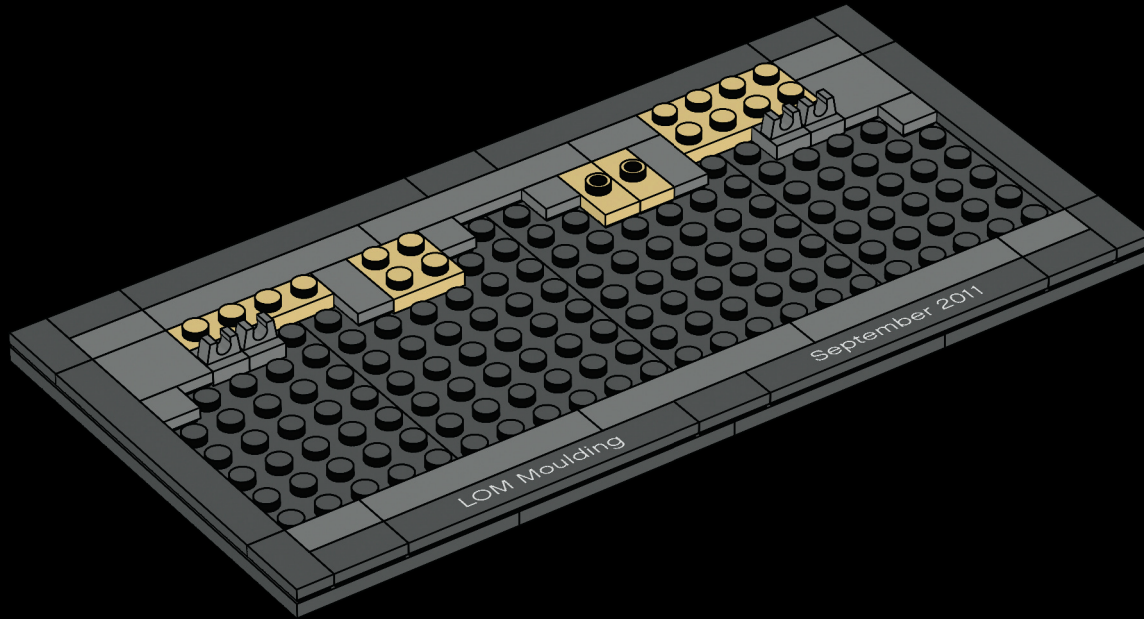


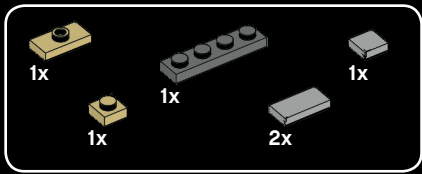
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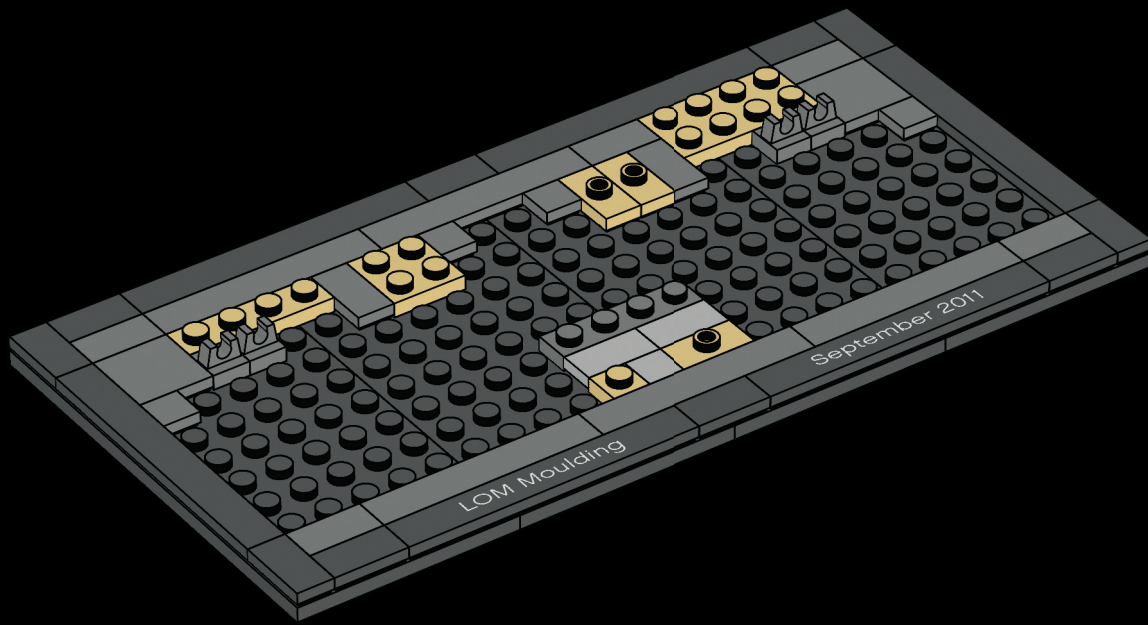
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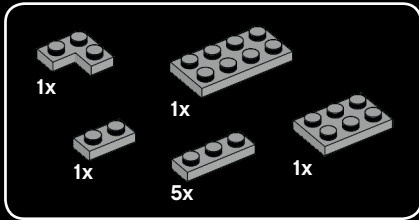


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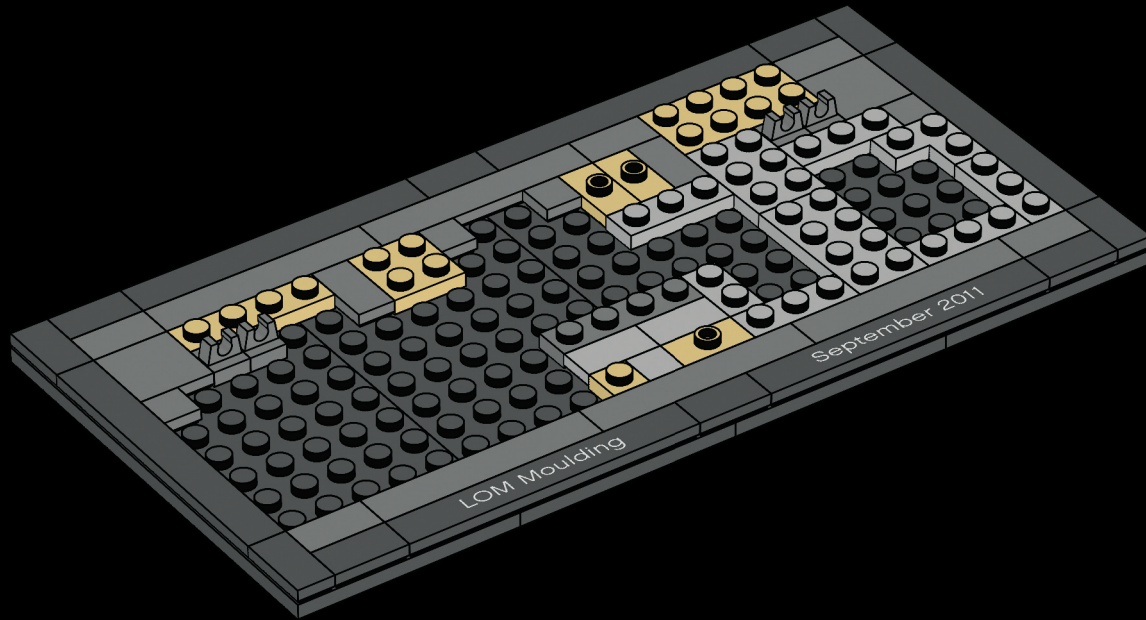


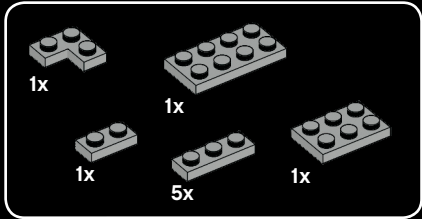
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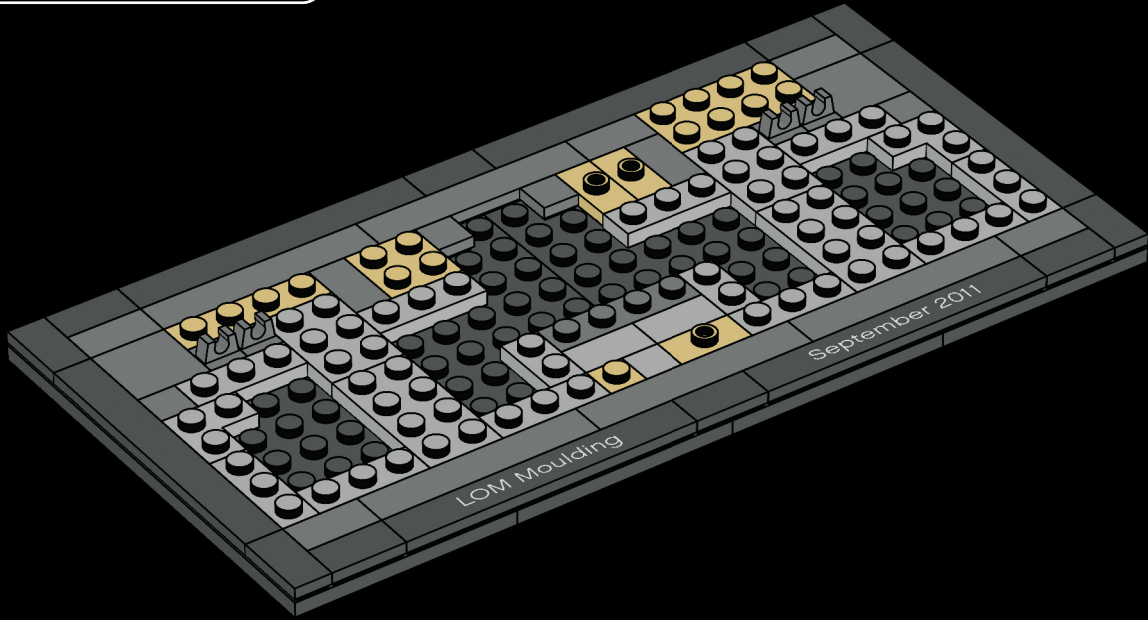


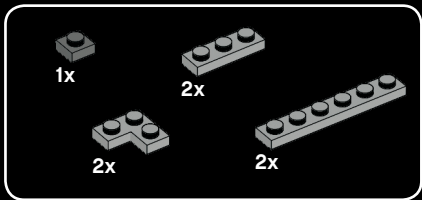
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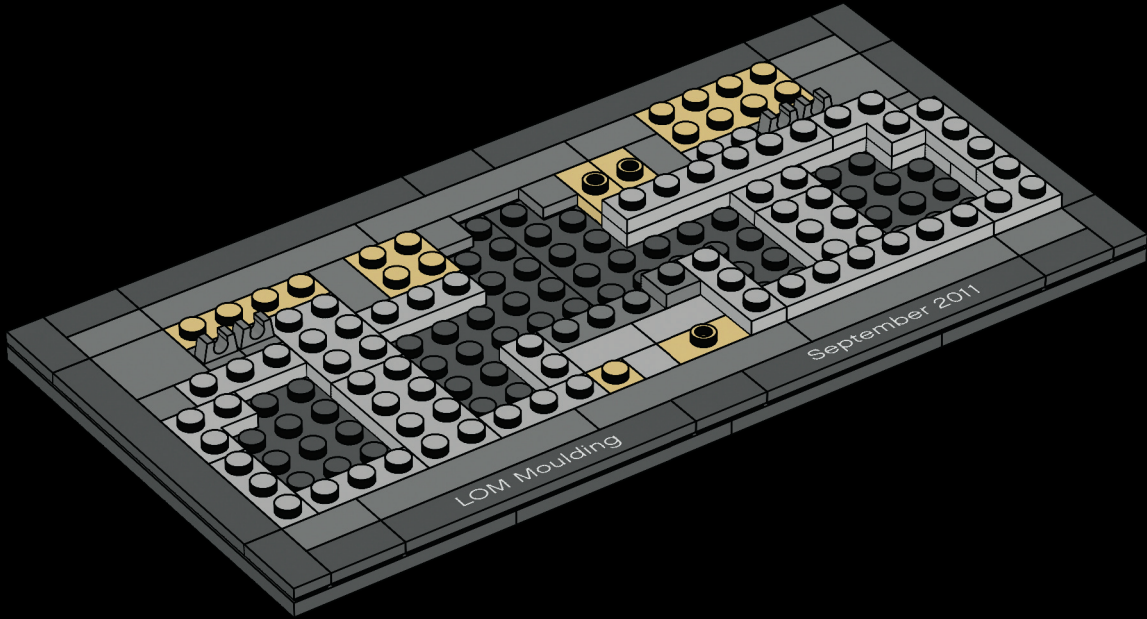


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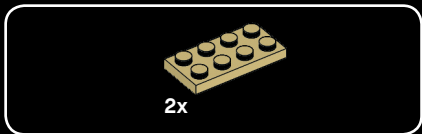


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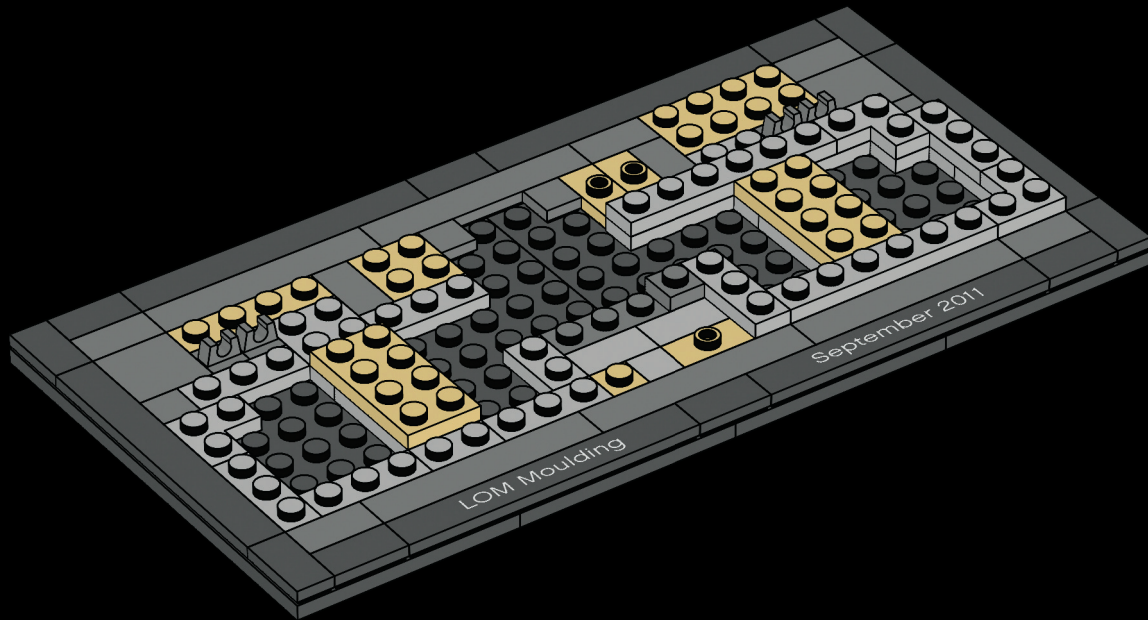


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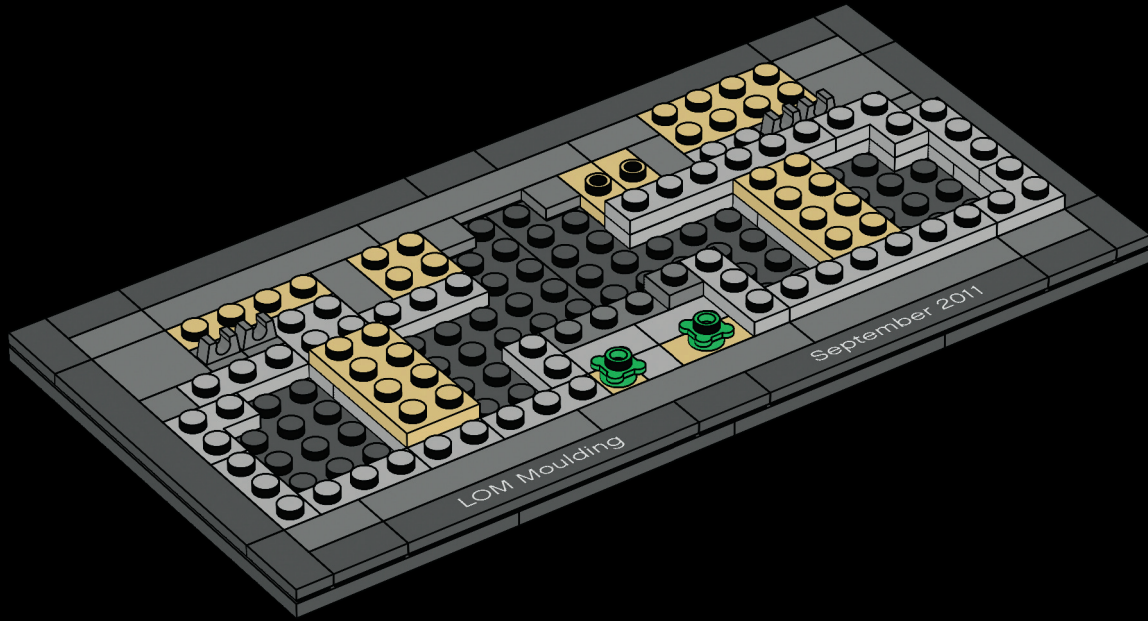
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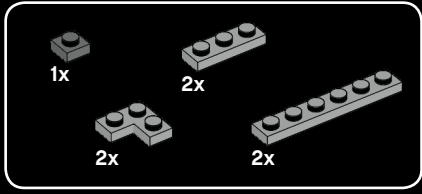


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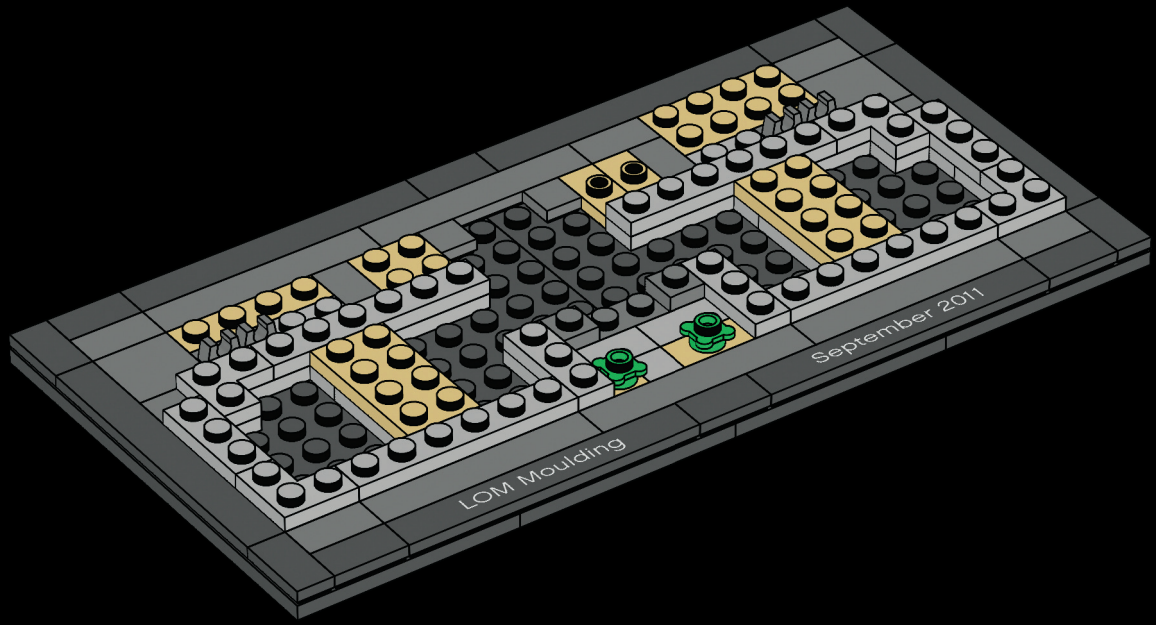
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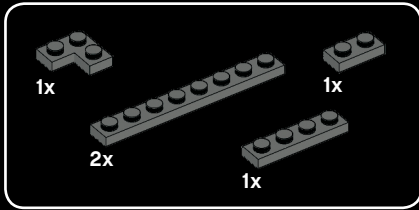
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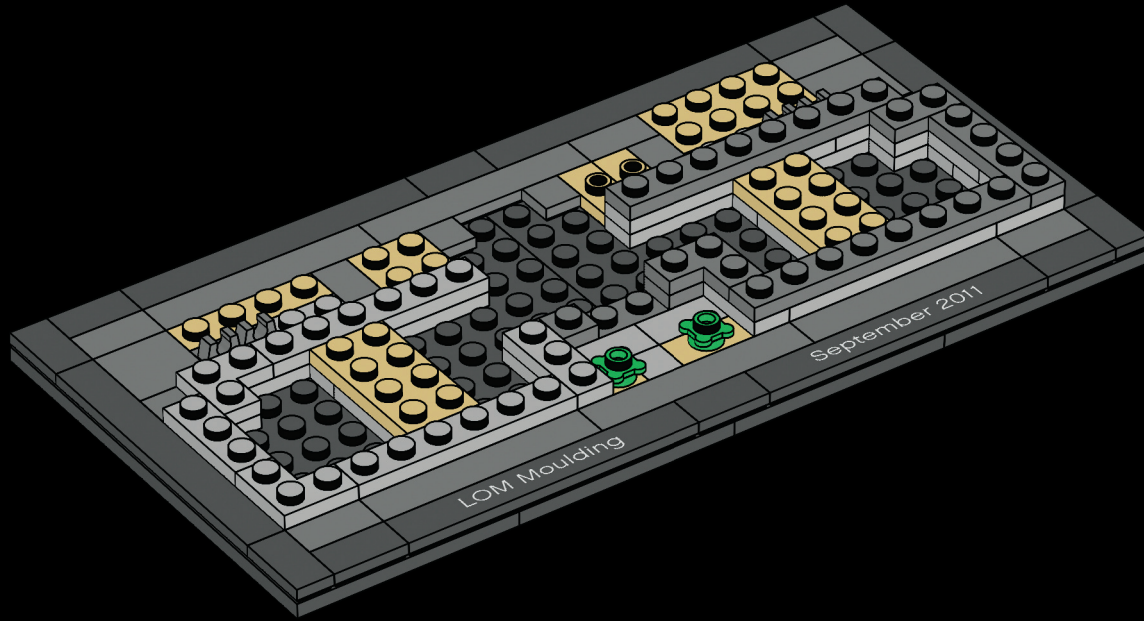
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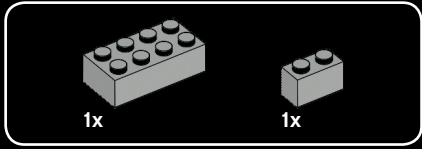
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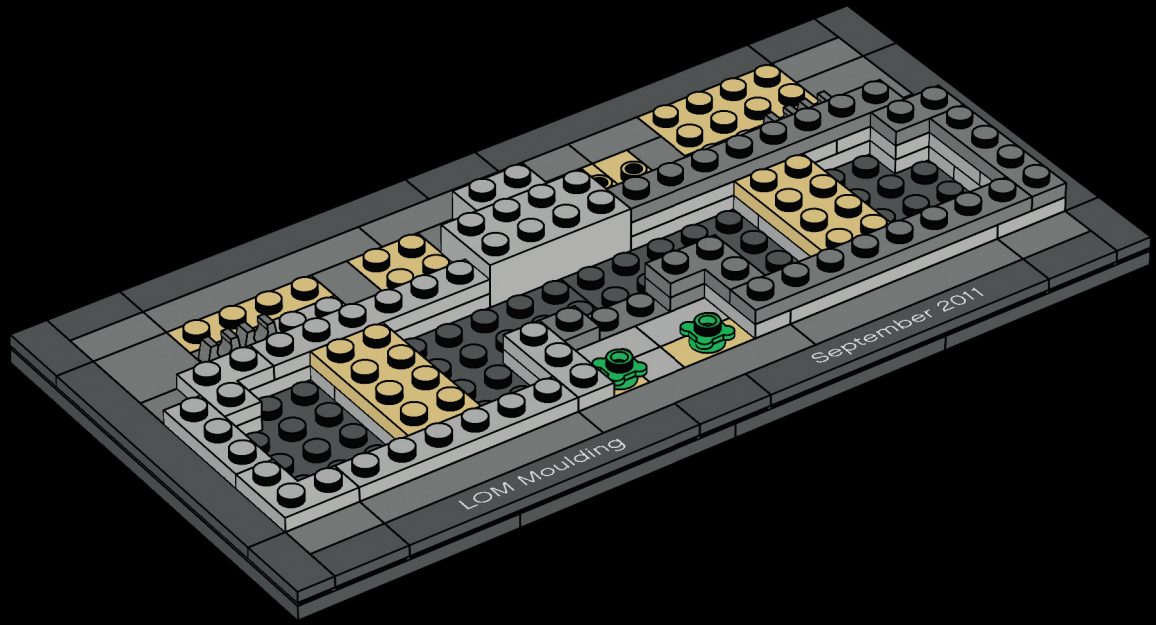
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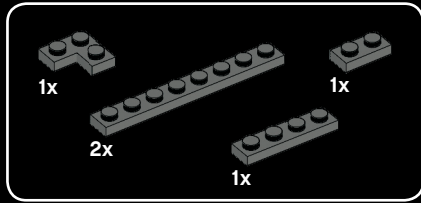


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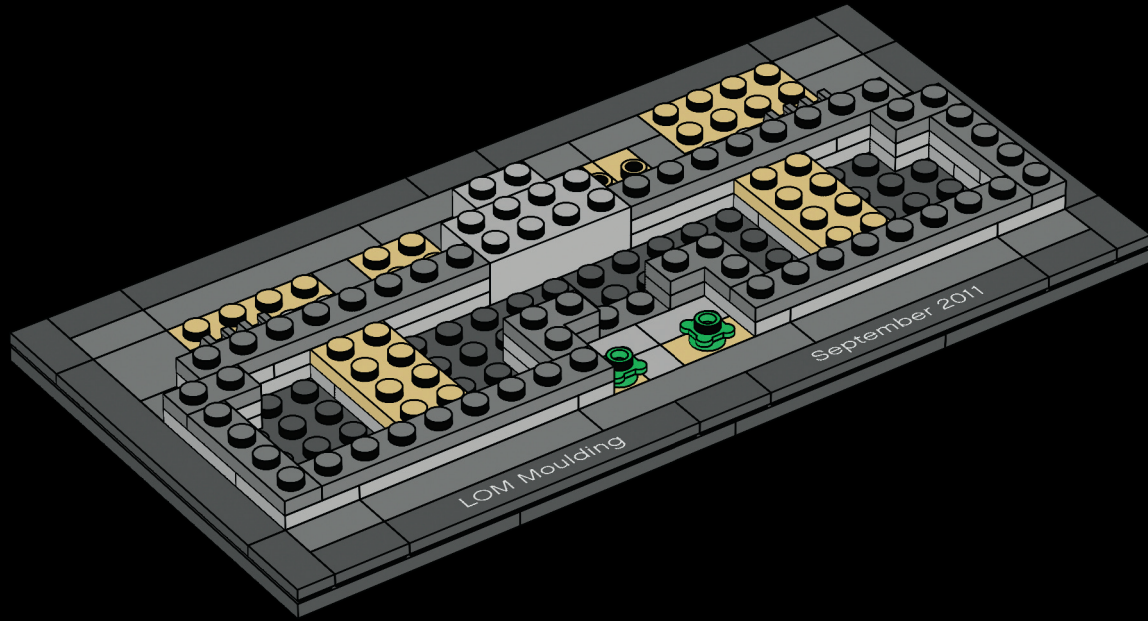


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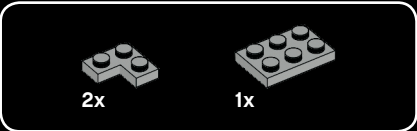




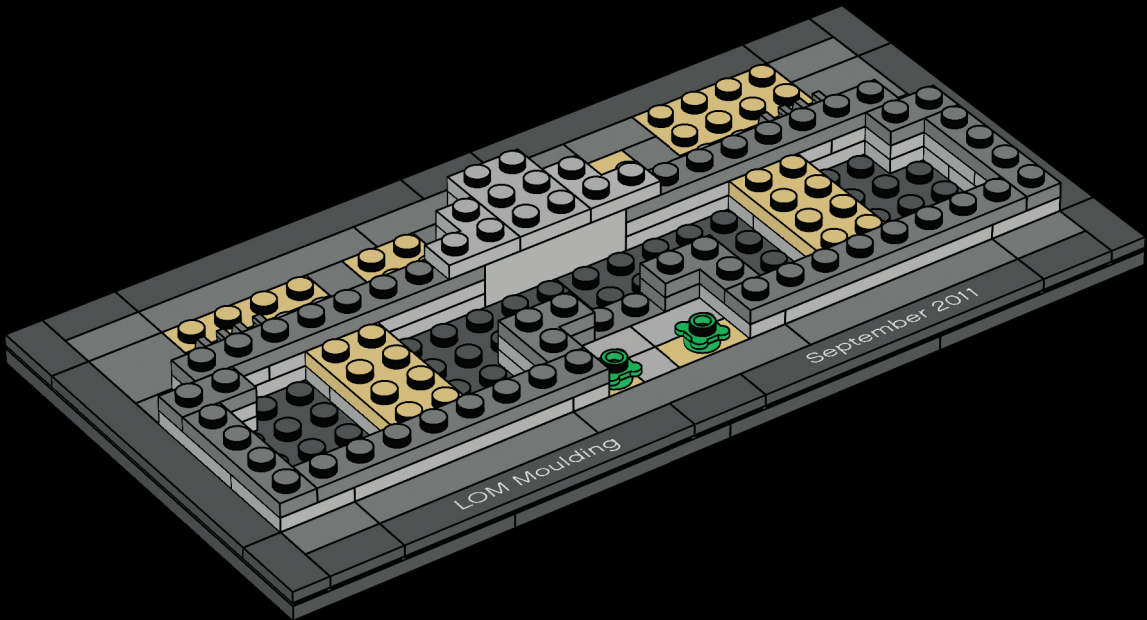
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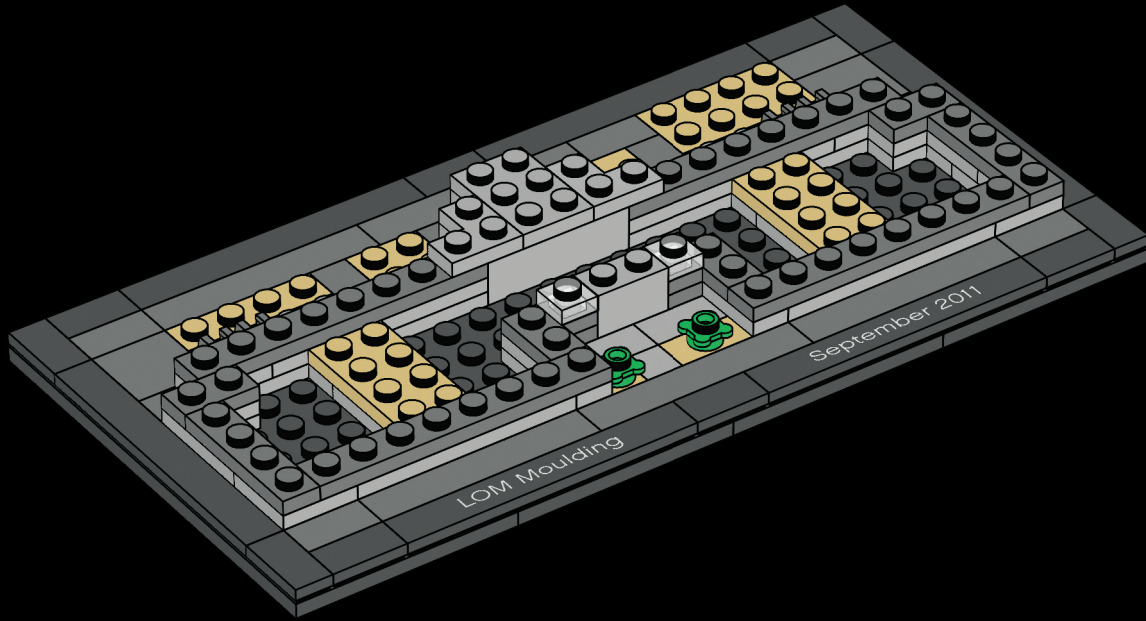


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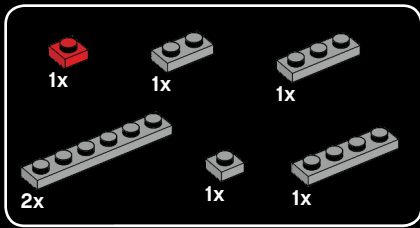


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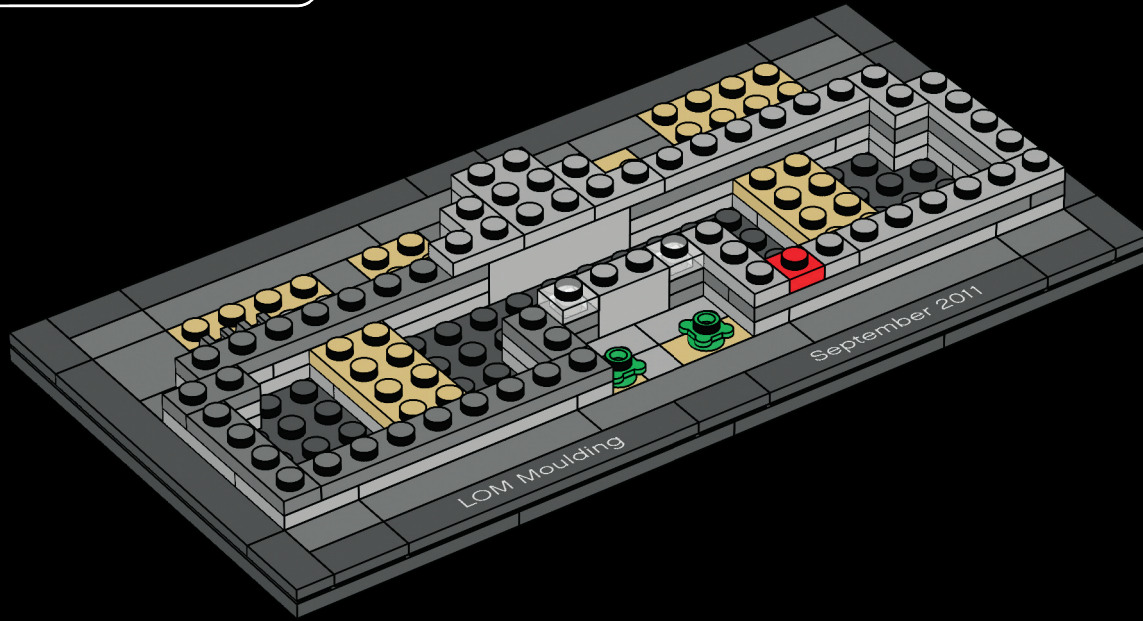
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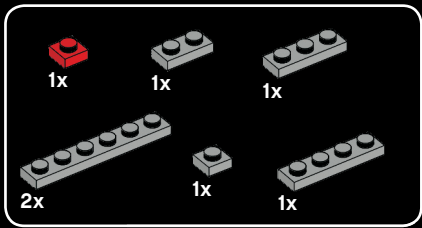
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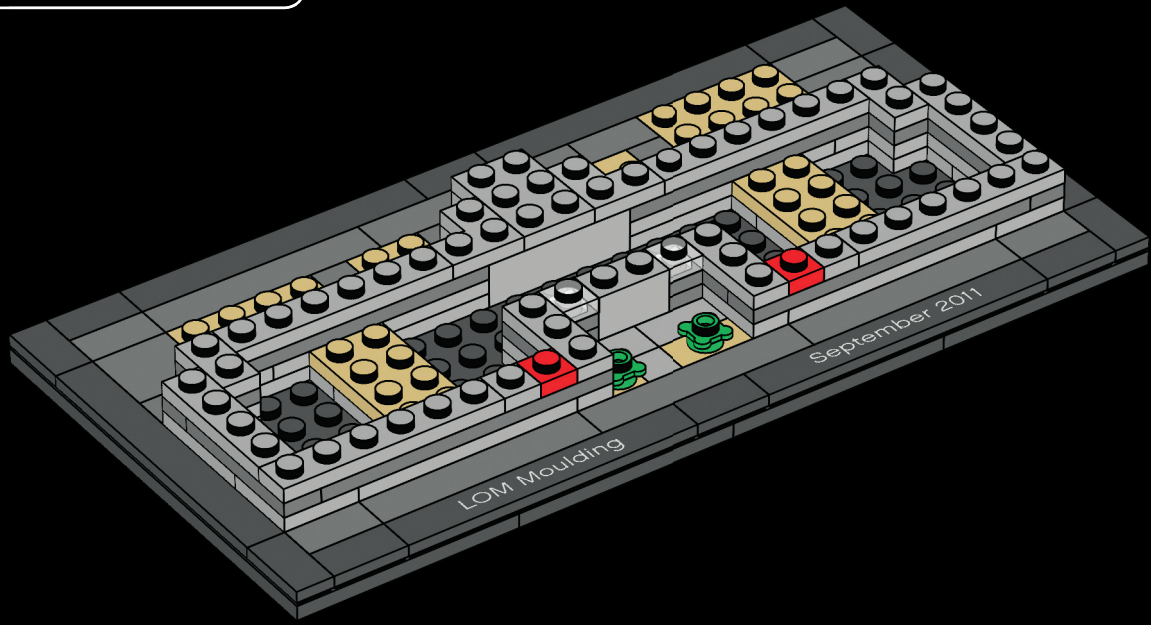
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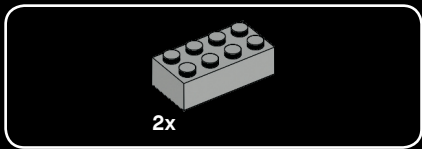


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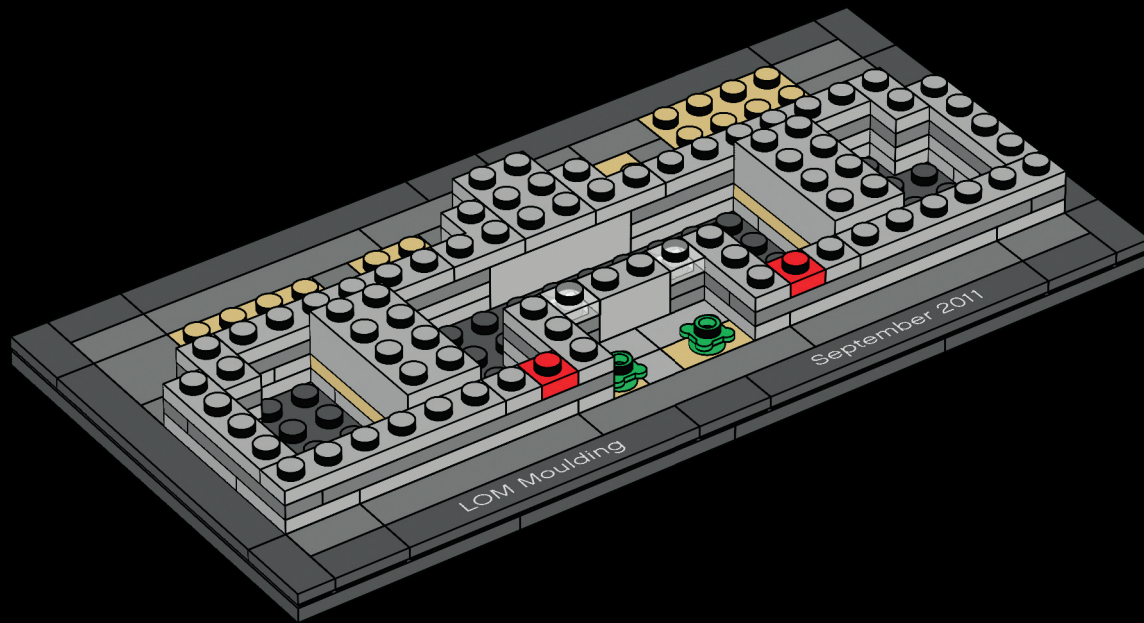


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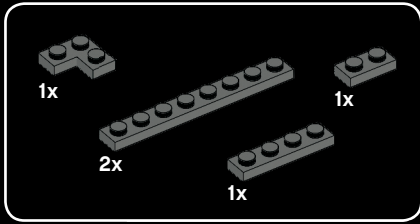




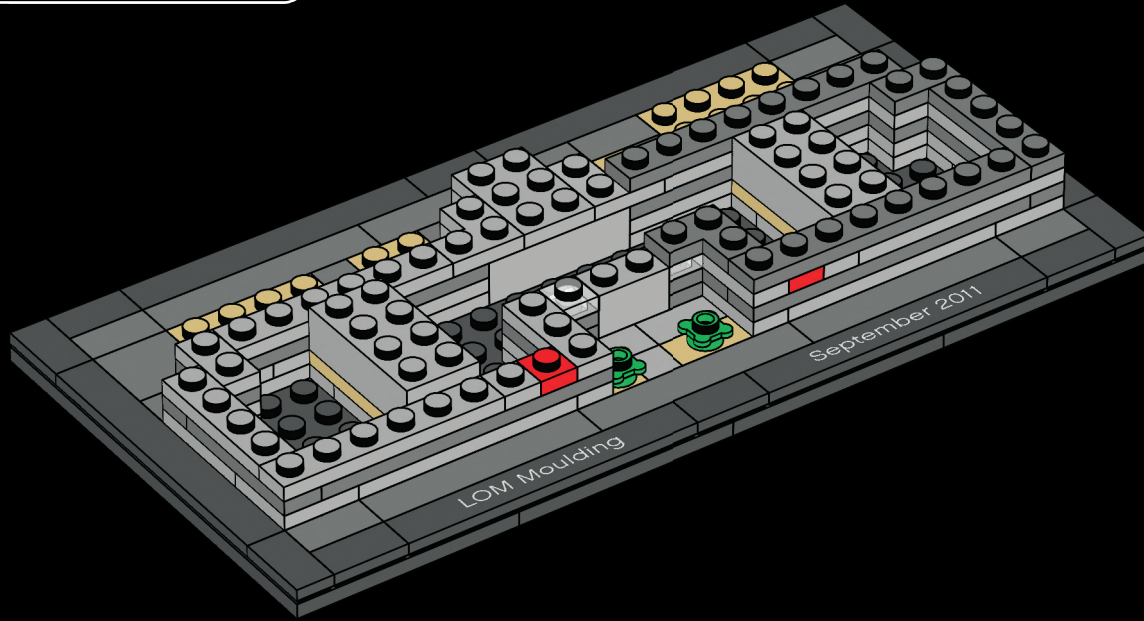
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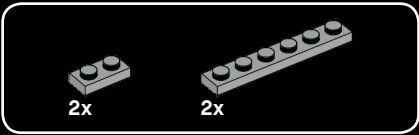
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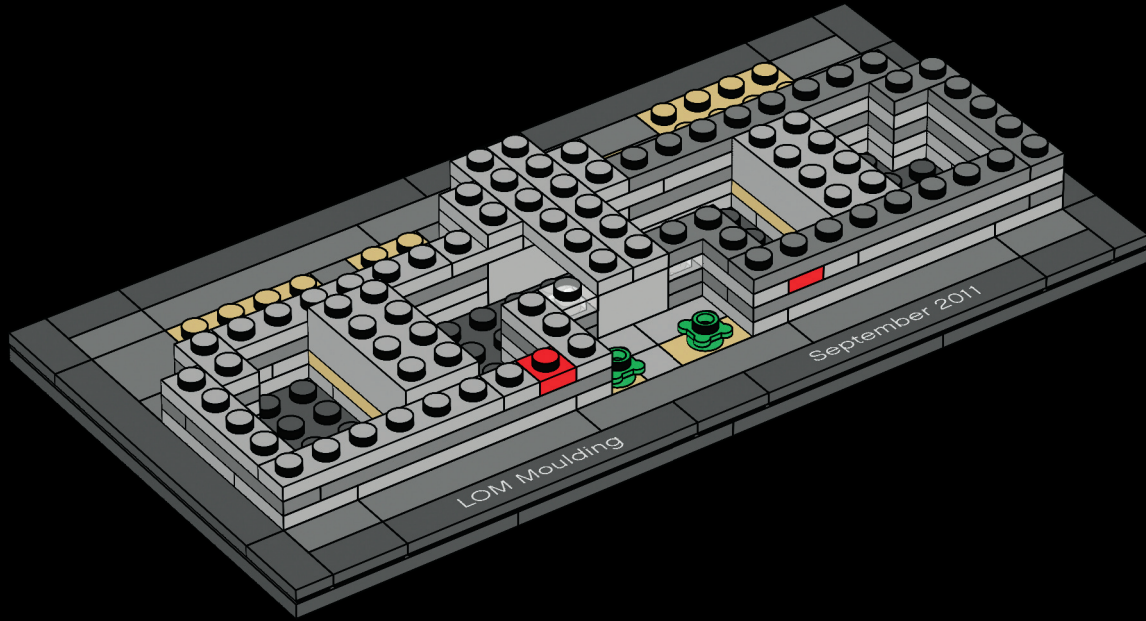
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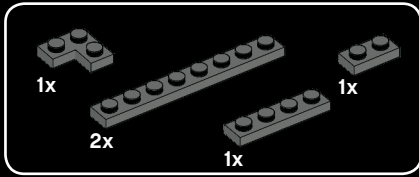
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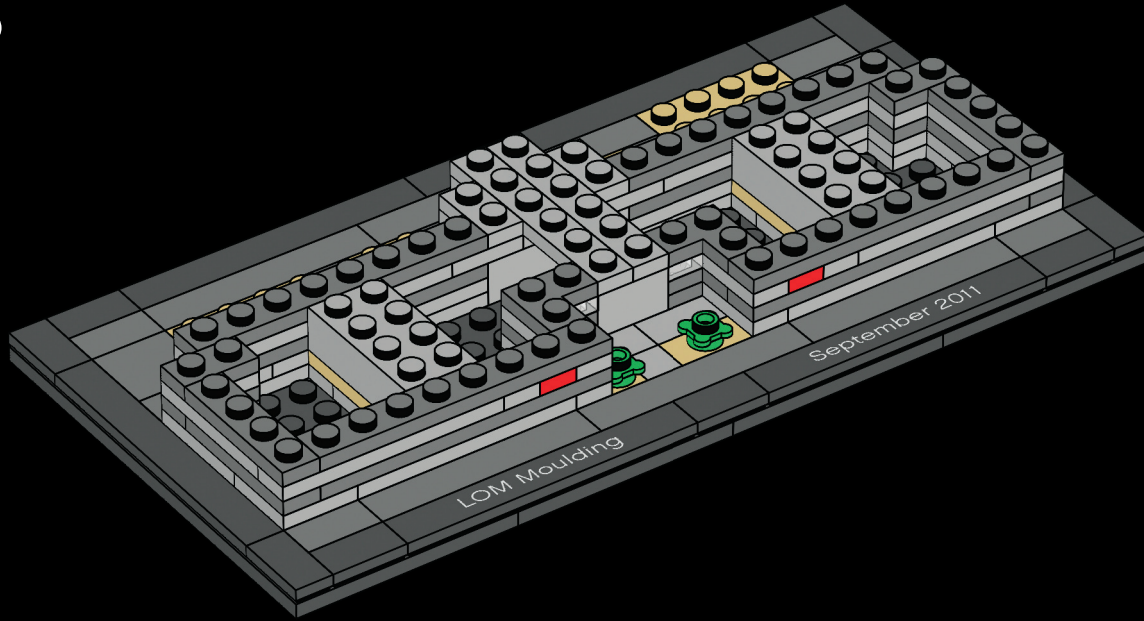
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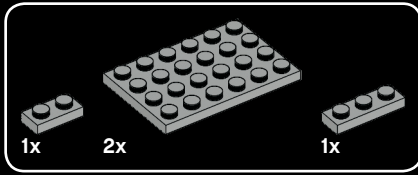
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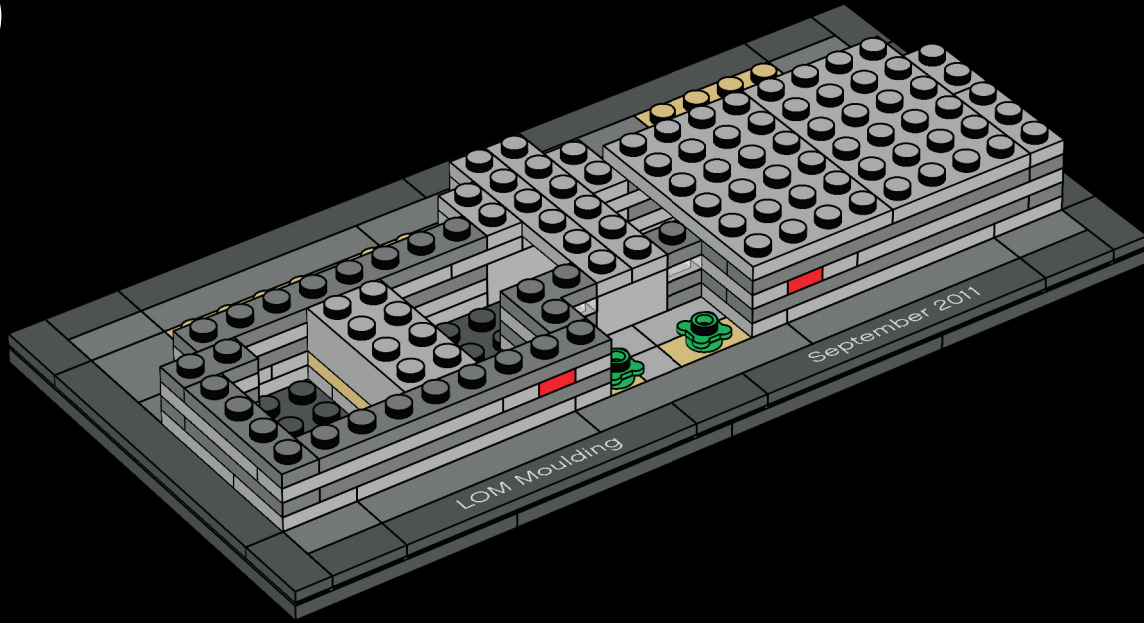
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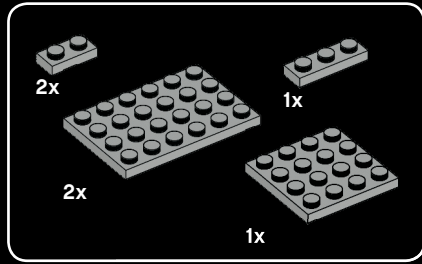
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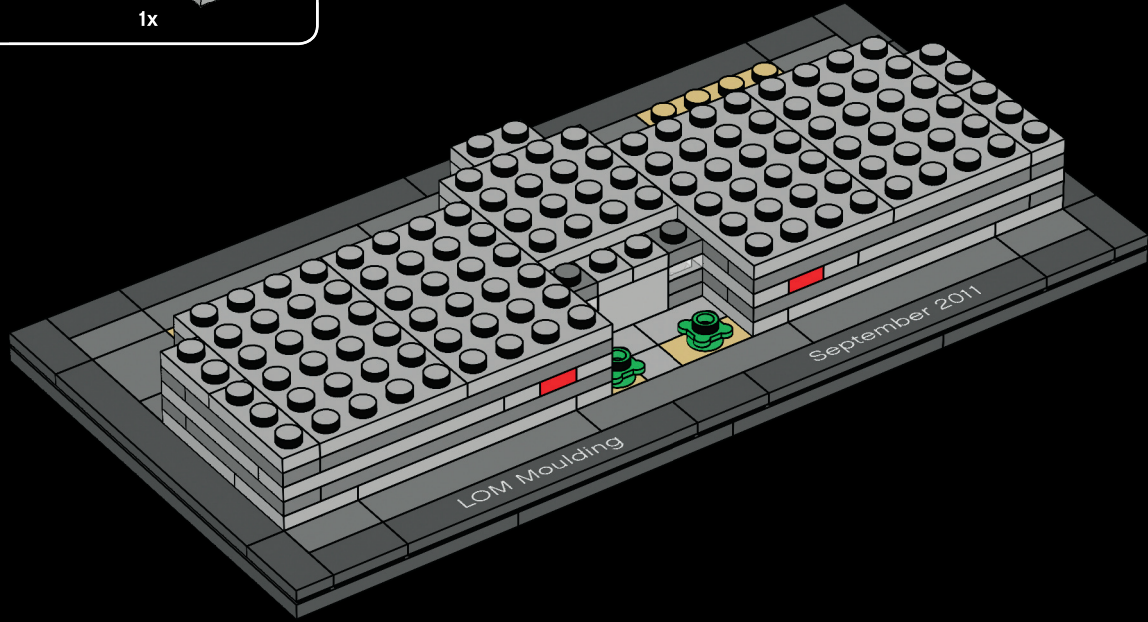
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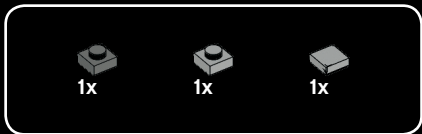


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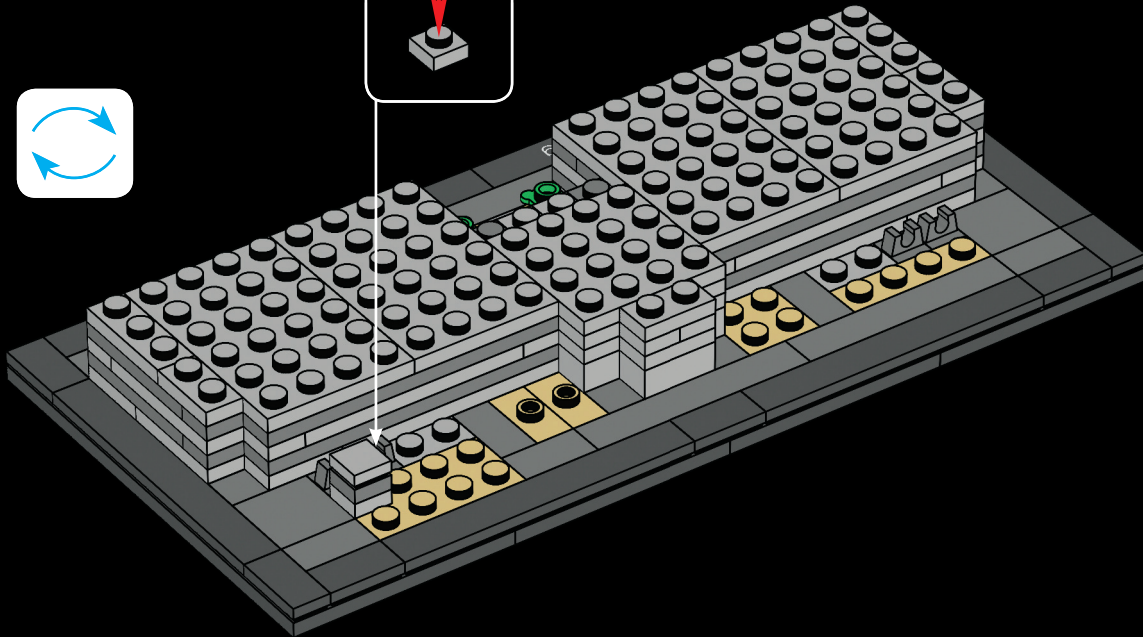
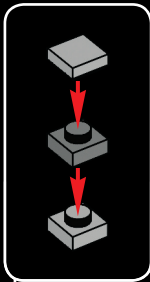


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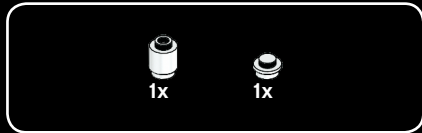


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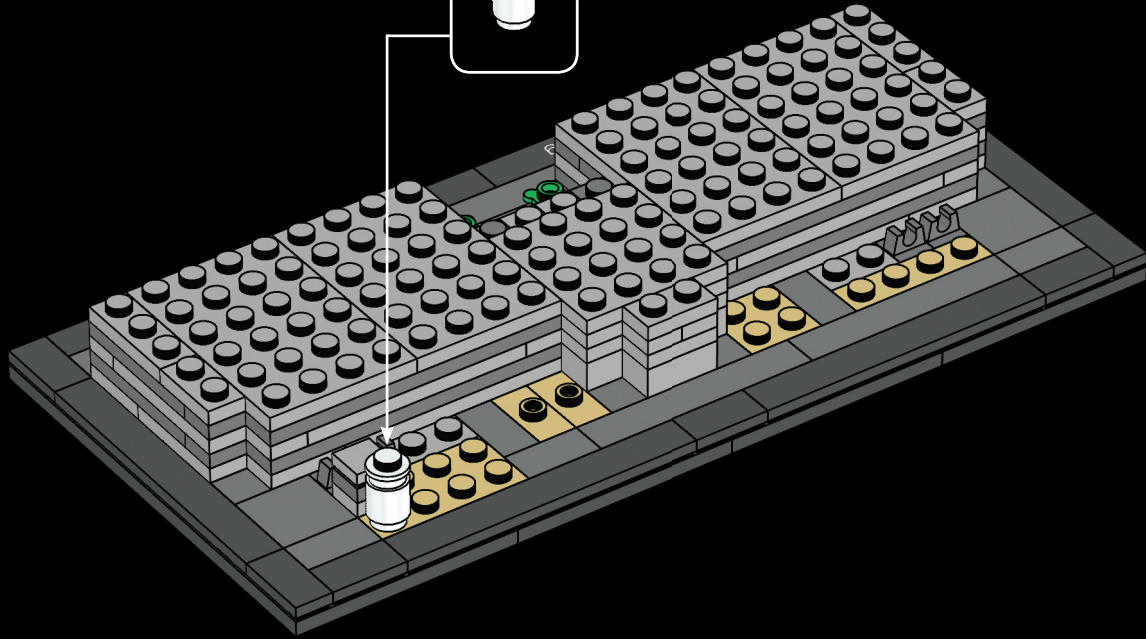
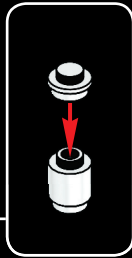


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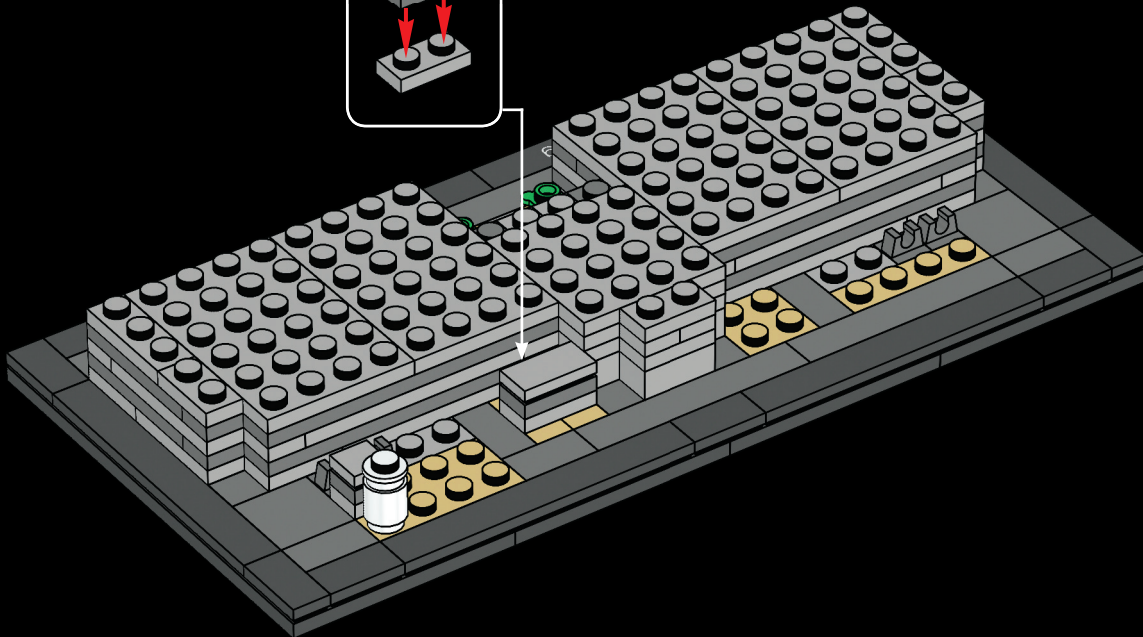
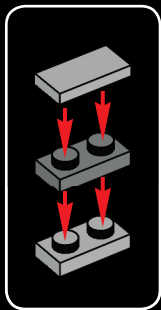
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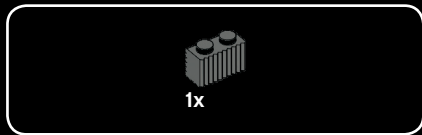


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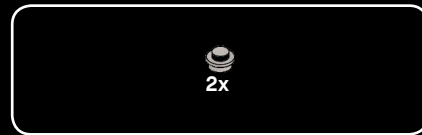


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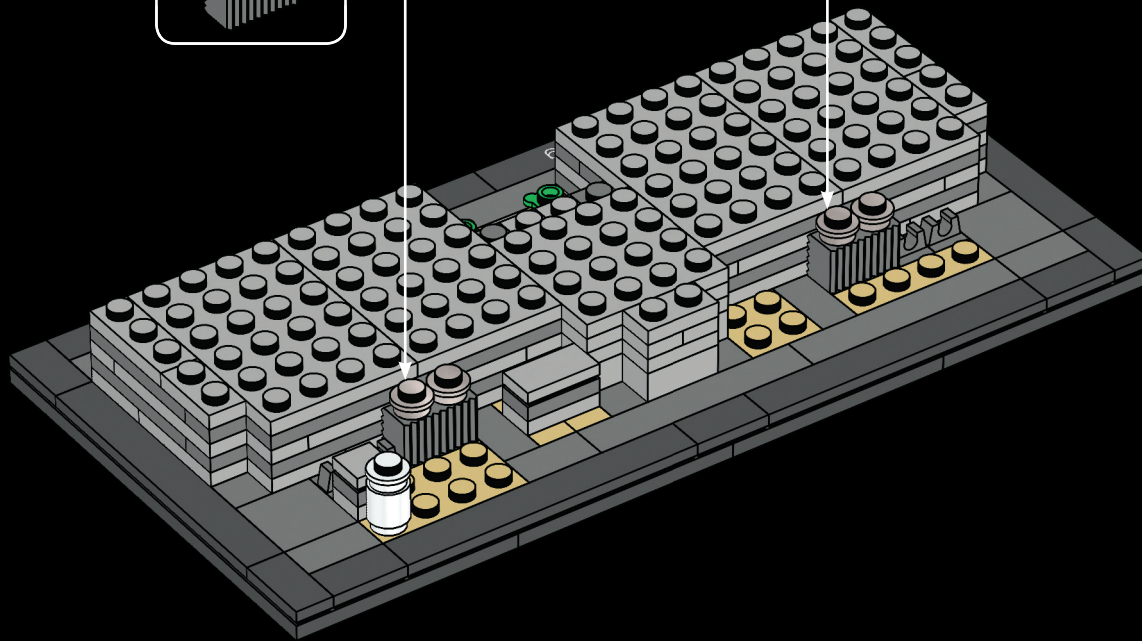


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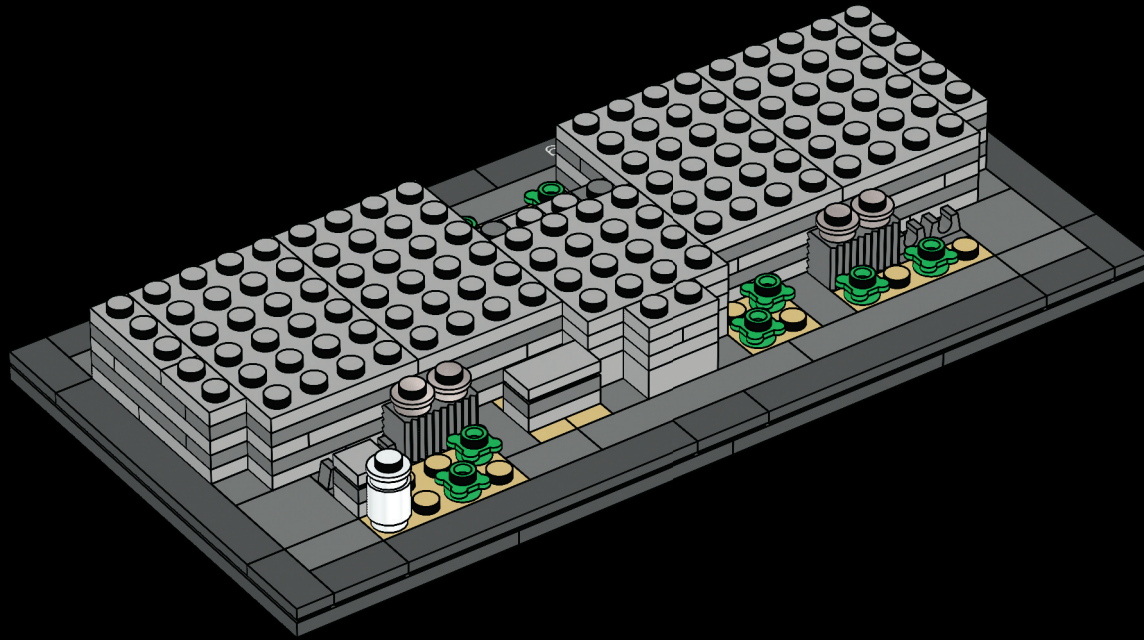


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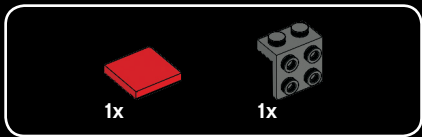


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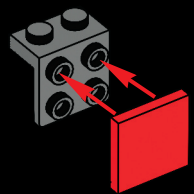
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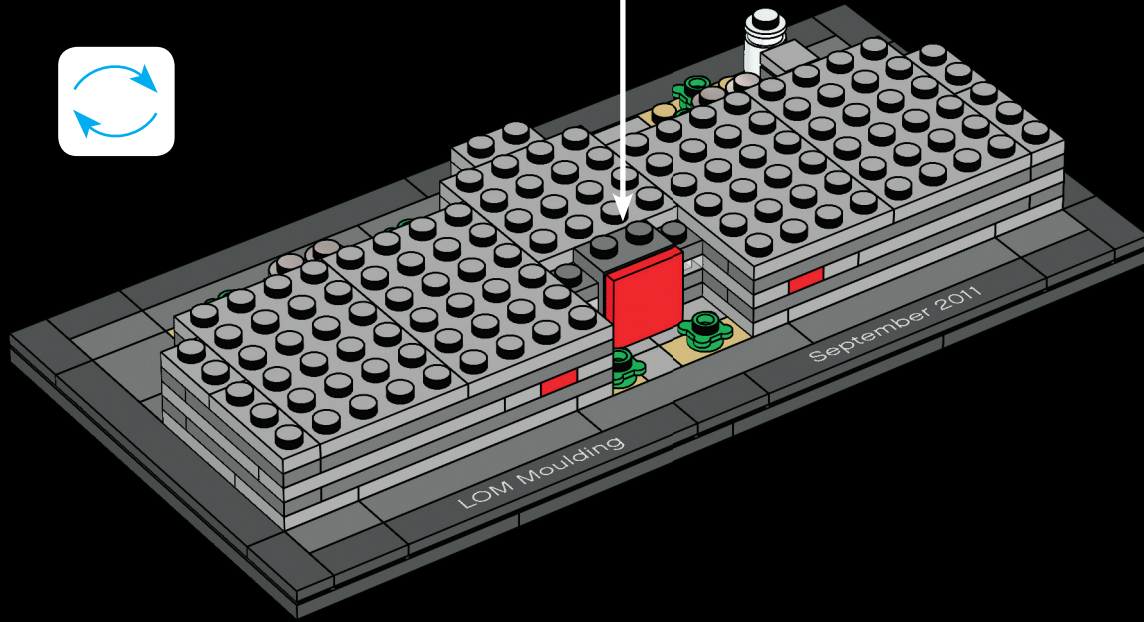
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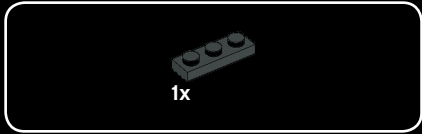


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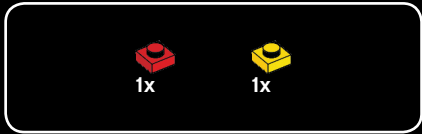


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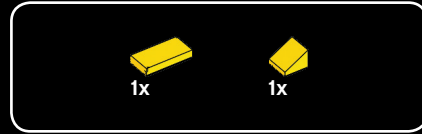
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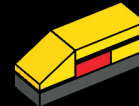
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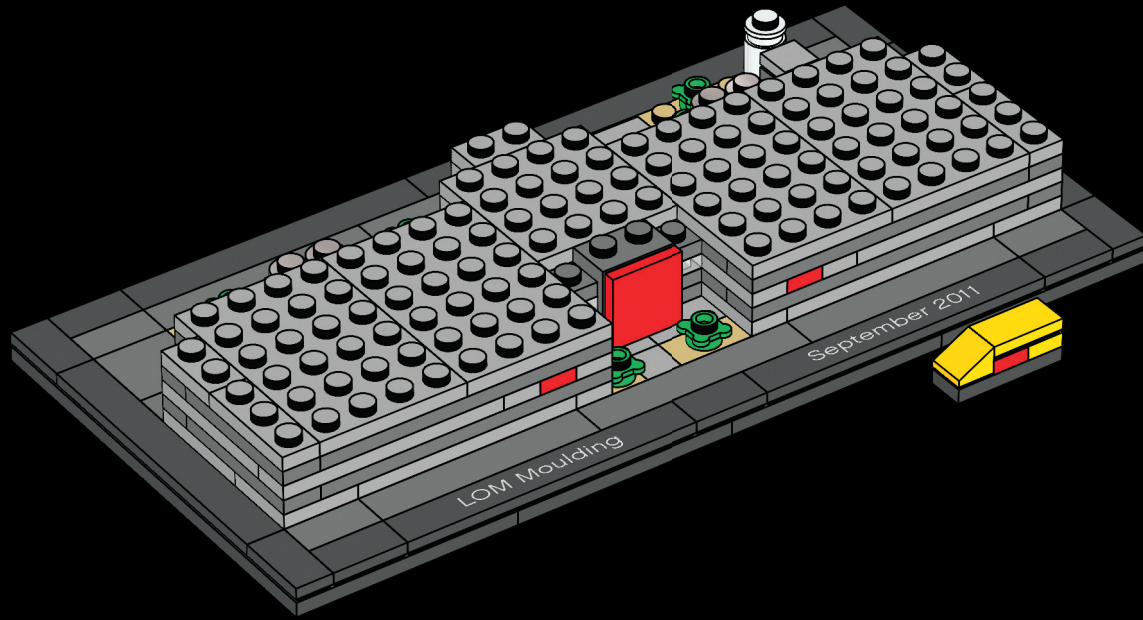


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1x
4113233



3x
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3x
4155708



3x
302421



1x
306821



1x
4504381



1x
302424



1x
306924



10x
306926



4x
302826



1x
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1x
6005373



4x
416226



8x
4619599



2x
3000840



1x
362326



2x
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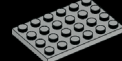
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4x
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5x
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8x
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4x
4210848



4x
4211069



7x
4211052



1x
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2x
4211055



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4x
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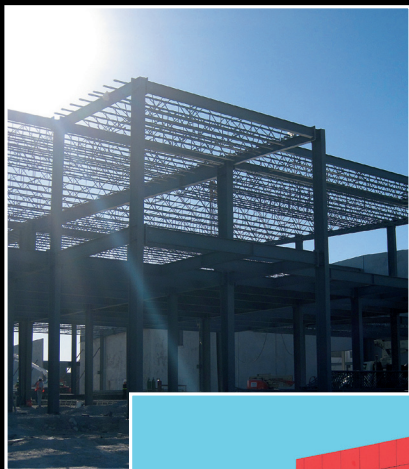


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