



4000006

Kladno 2012 Campus



Kladenská továrna

První výrobní haly byly postaveny na Kladně (Česká republika) v roce 2000. V dalších deseti letech proběhlo několik rozšíření – tím posledním byla výstavba tzv. “haly 7” a plně automatizovaného skladu – High Bay Warehouse 1 – která byla dokončena v roce 2010.

Nicméně prodeje společnosti LEGO i nadále rostly a proto padlo rozhodnutí zvážit možnost dalšího rozšíření výrobní kapacity v Evropě. Přípravy byly zahájeny v roce 2010 a v březnu 2011 nejvyšší vedení LEGO tento plán schválilo.

V průběhu března až července byla vytvořena projektová skupina, složená ze zástupců oddělení facility, nákupu, engineeringu, logistiky a výroby. Okamžitě začaly přípravy pro výstavbu a 1. července 2011 byla oficiálně zahájena první část stavby. Tato první fáze byla dokončena a otevřena pro nastěhování v dubnu 2012.

Po pouhých 13 měsících práce byla v červenci 2012 dokončena také druhá fáze výstavby a všechny budovy o celkové rozloze více než 40 000 m² byly předány k užívání LEGO.

V březnu 2012 byla zahájena výstavba druhého automatizovaného skladu – High Bay Warehouse II – s plánovaným dokončením v létě 2013.



Číselné údaje



Adresa: LEGO Production s.r.o.

Billundská 2757

272 01 Kladno

Česká republika

Data: březen 2011 až červenec 2012

Velikost stavby: 46.300 m² (včetně High Bay Warehouse II)

Tok materiálu ze stávající části továrny: cca 2.000 palet/den

Tok materiálu z nové části továrny: cca 2.100 palet/den

Max kapacita výroby- strojů (finální balení): 76.000 hod./rok (39.000 hod. v roce 2010)

Max kapacita výroby - strojů (prepaky): 200.000 hod./rok (120.000 hod. v roce 2010)

Člověkohodiny: 1.650.000 hod./ročně (688.000 hod. v roce 2010)

Kladno Campus

The original factory in Kladno, Czech Republic was built in 2000. Over the next 10 years several building expansion projects were planned and executed – the last one covering “hall 7” and a fully automated warehouse – High Bay Warehouse 1 – which was completed in 2010. However, with sales at The LEGO Group still increasing, the decision was made to investigate the possibilities of expanding capacity in Europe with a new packing site.

Work started in 2010 and was approved by The LEGO Group Board of Directors in March 2011. From March to July, a project group was established with representatives from Facility, Procurement, Engineering, Logistics and Production. The preparation for the building site immediately started and civil part construction work started on July 1st, 2011. The first phase of the building was ready for Operations to move in April 2012.

After only 13 months of work, the second phase of the construction was completed in July 2012 and the full expansion, more than 40,000m² was handed over to LEGO Operations.

The construction of a 2nd high bay warehouse was started in March 2012 and is scheduled to be completed in the summer of 2013.



Facts and figures



Location: LEGO Production s.r.o.

Billundska 2757

272 01 Kladno

Czech Republic

Dates: From March 2011 to July 2012

Building area: 46.300 m² (incl. High bay warehouse 2)

Flow out of existing facility: Approx 2.000 pallets / day

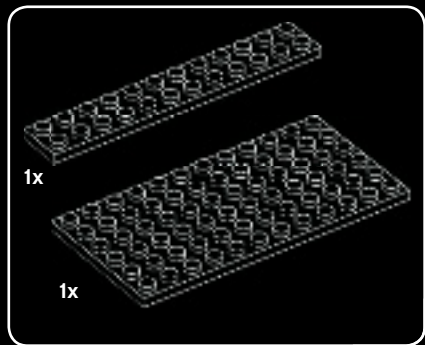
Flow out of new facility: Approx 2.100 pallets / day

Max FP machine hours: 76.000 hours/year (39.000 h/year in 2010)

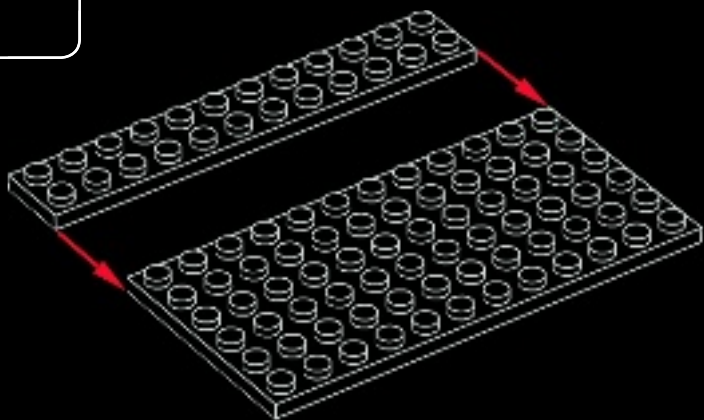
Max PP machine hours: 200.000 hours/year (120.000 h/year in 2010)

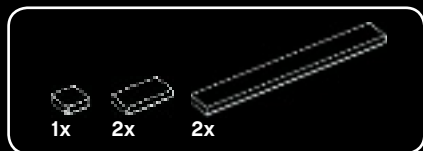
Labor hours: 1.650.000 hours/year (688.000 h/year in 2010)



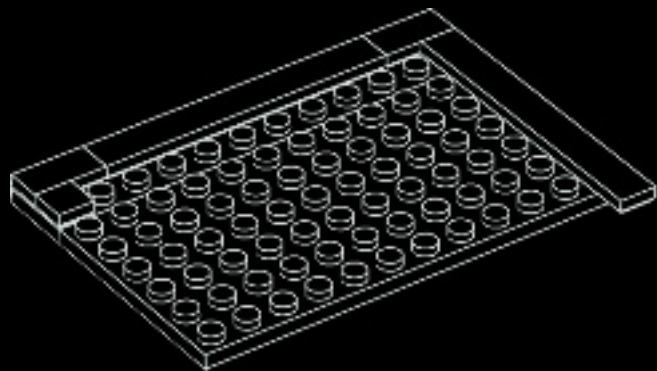


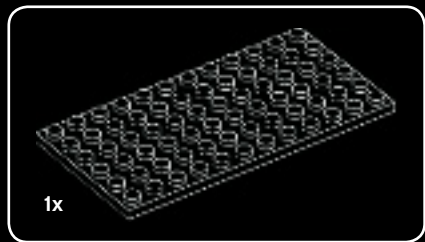
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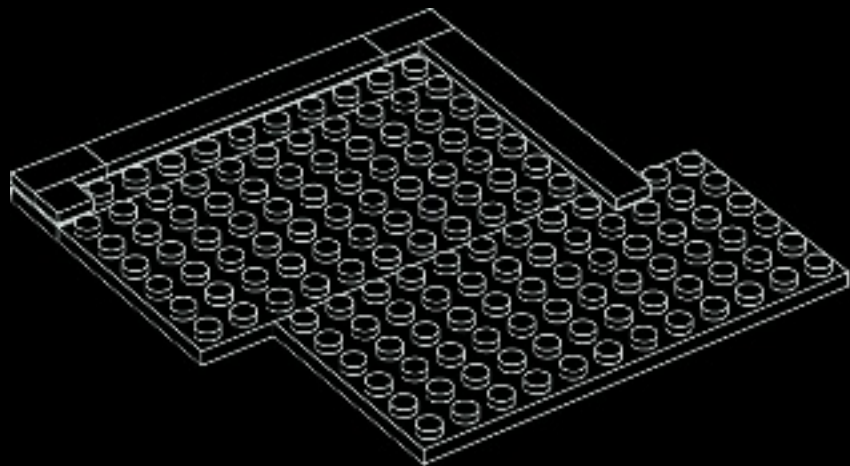


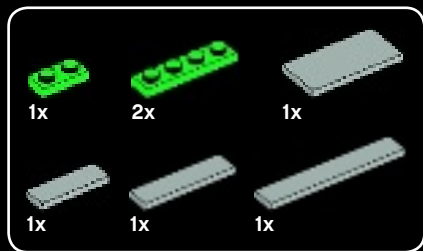
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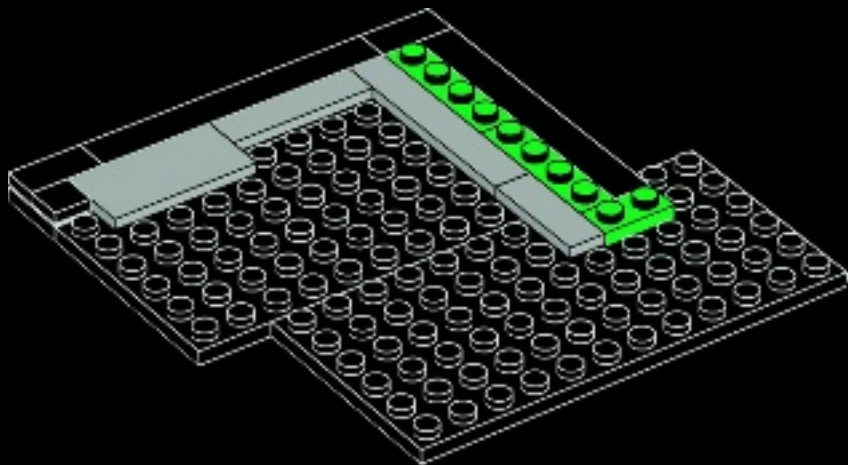


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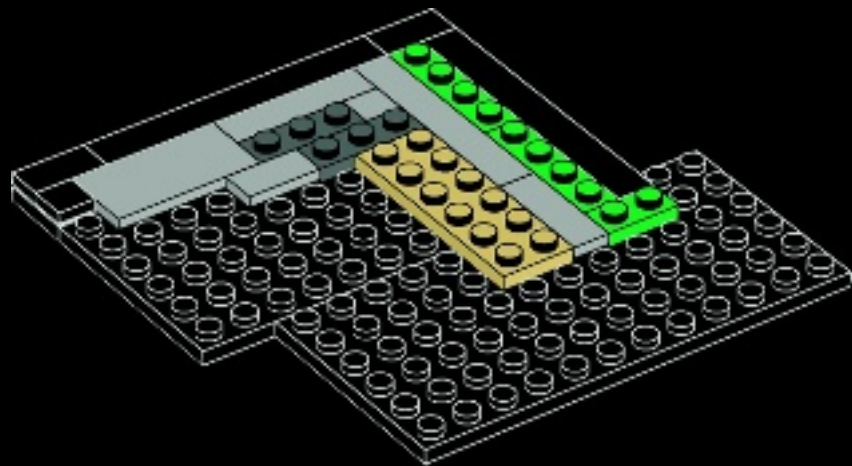


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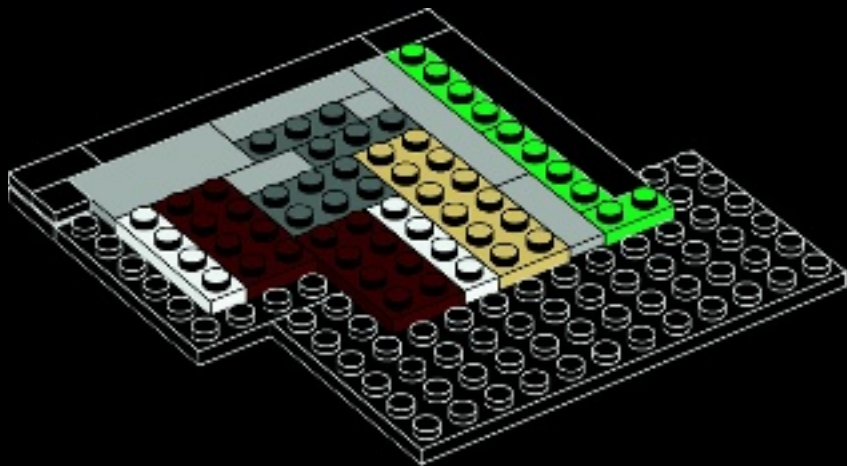


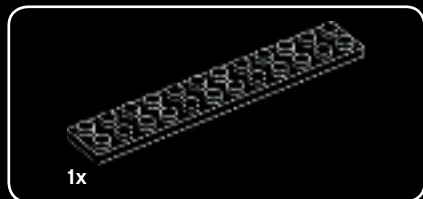
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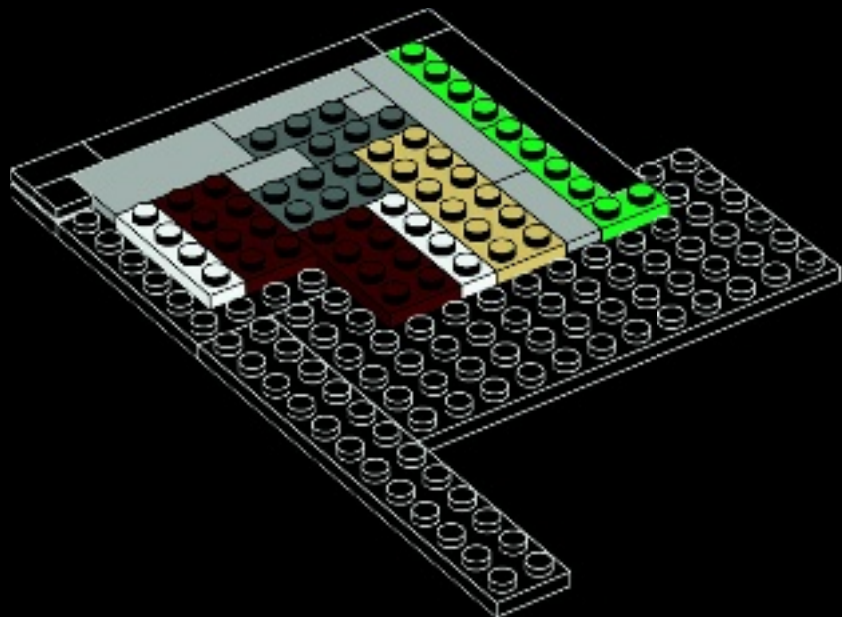


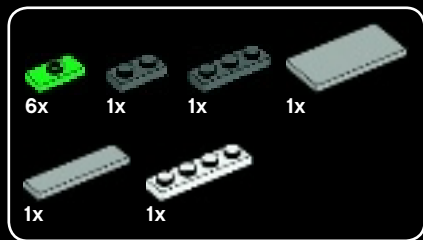
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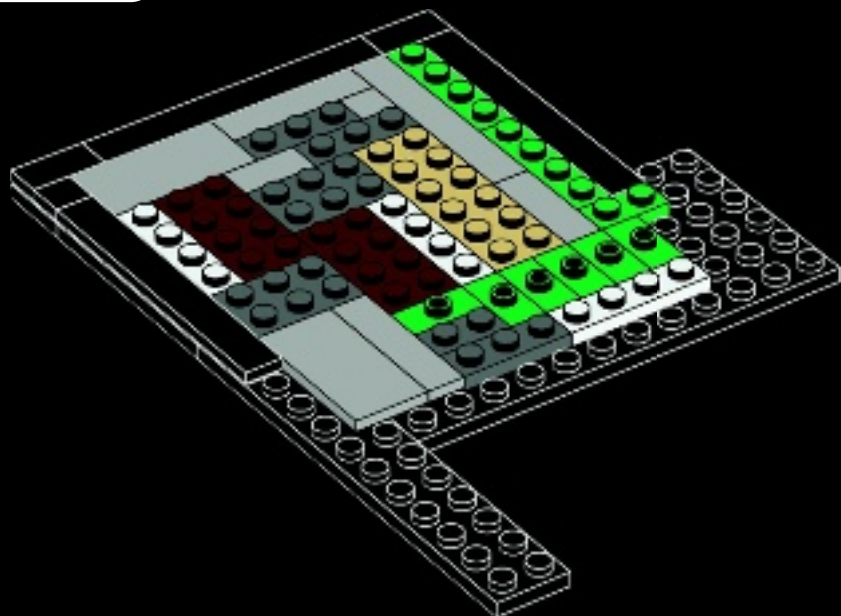


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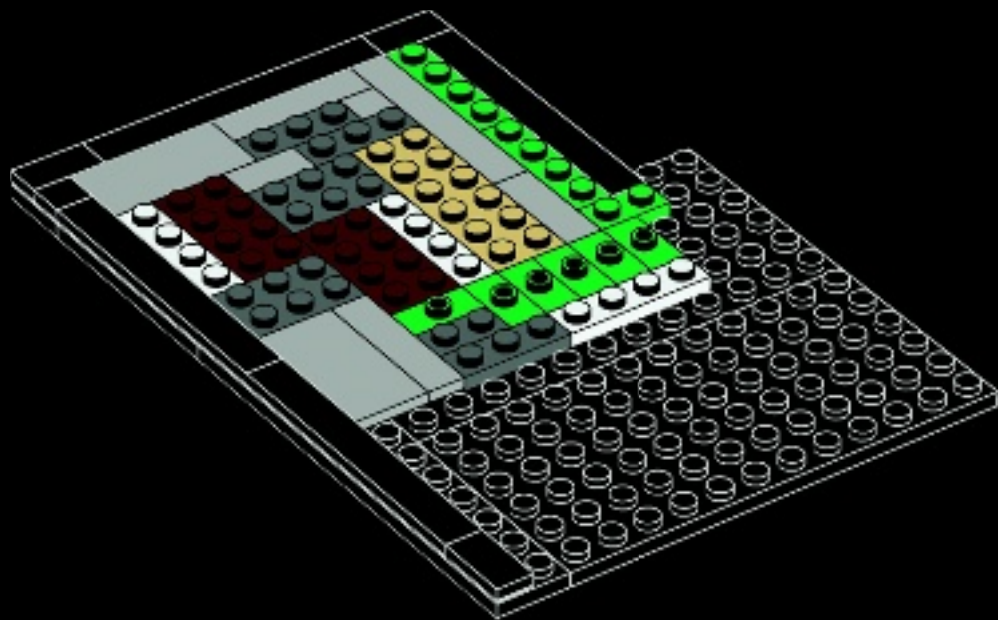


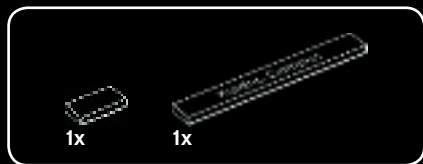
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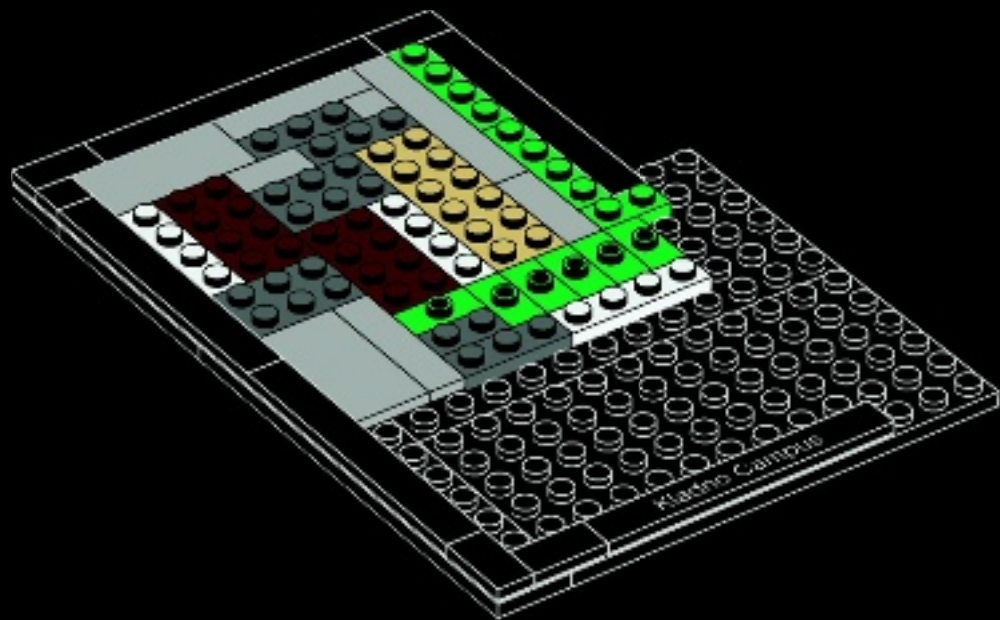


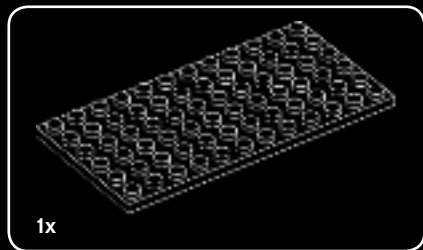
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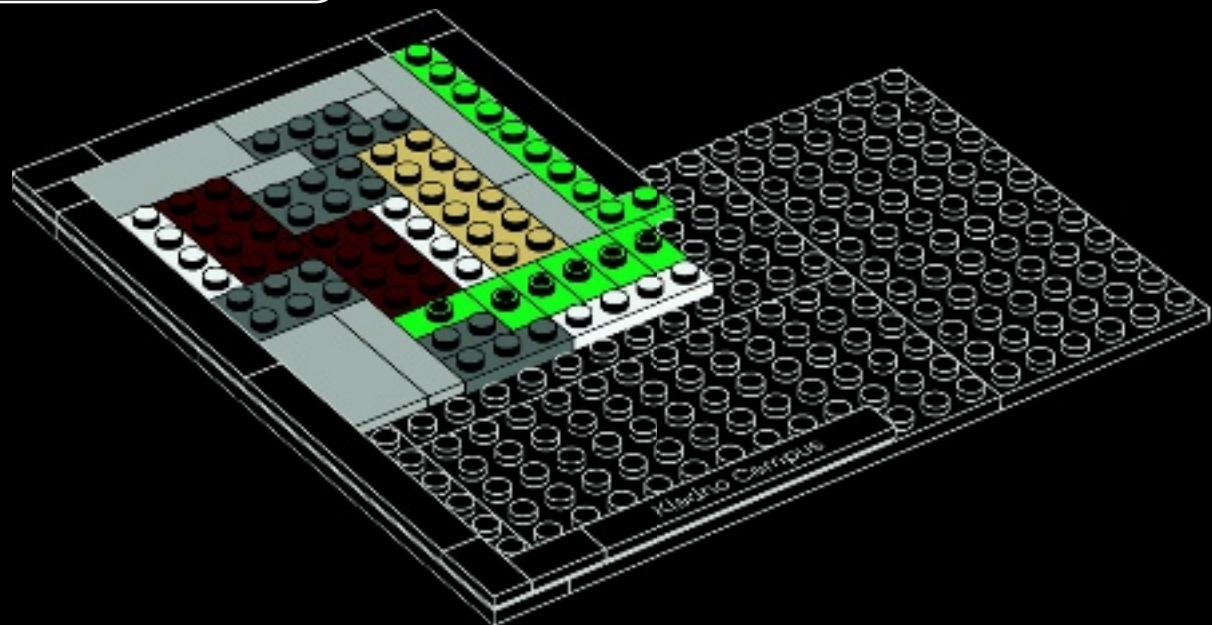


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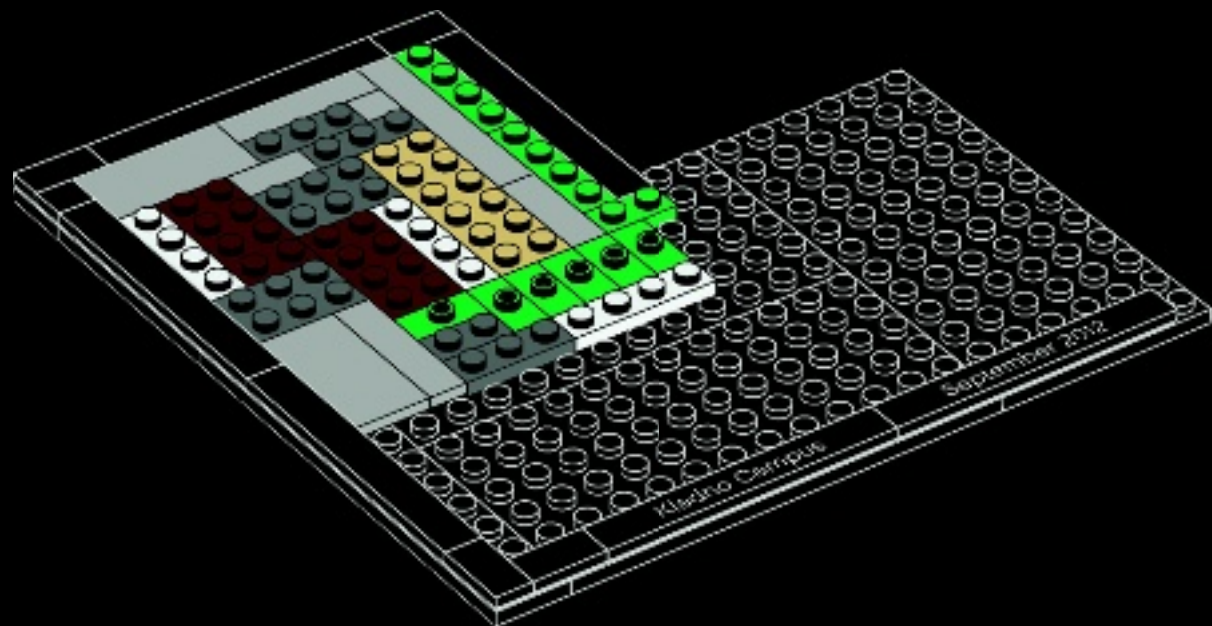


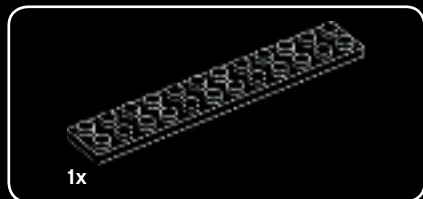
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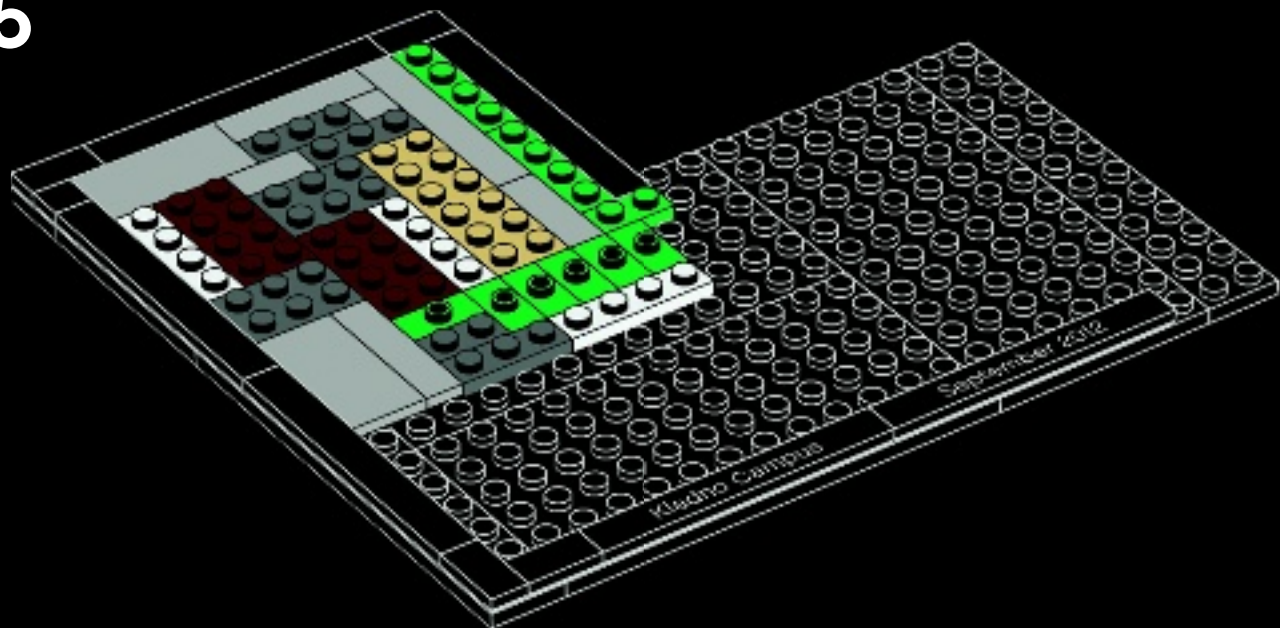


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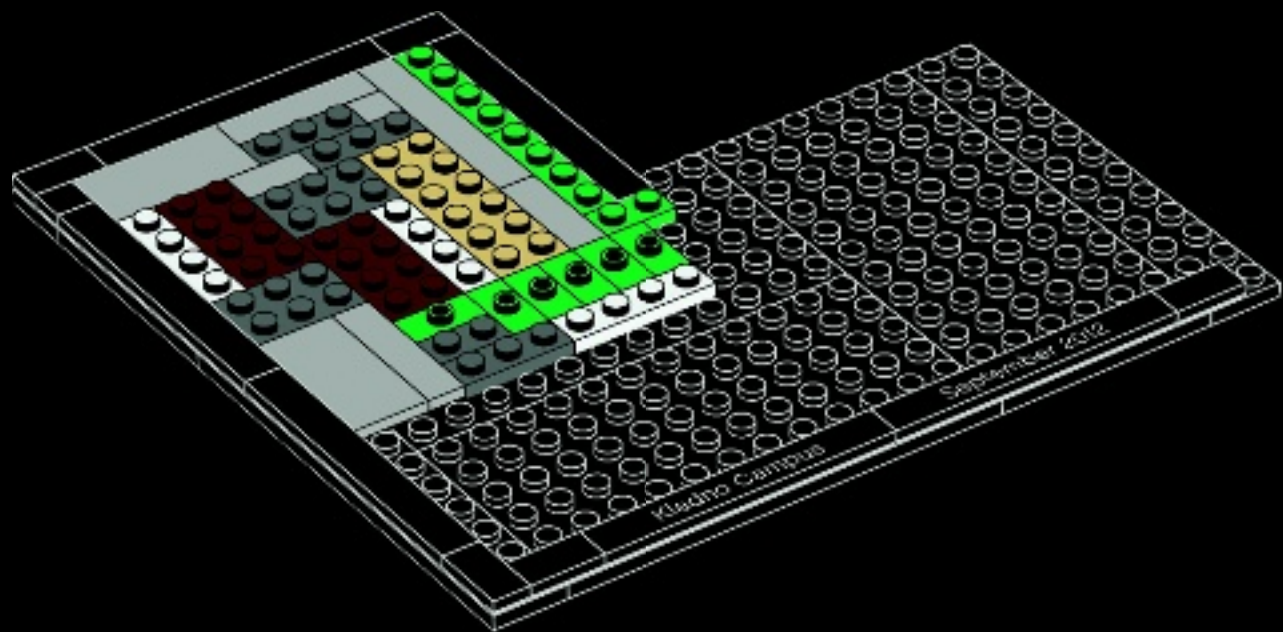
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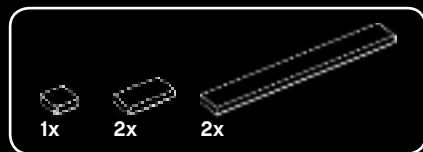




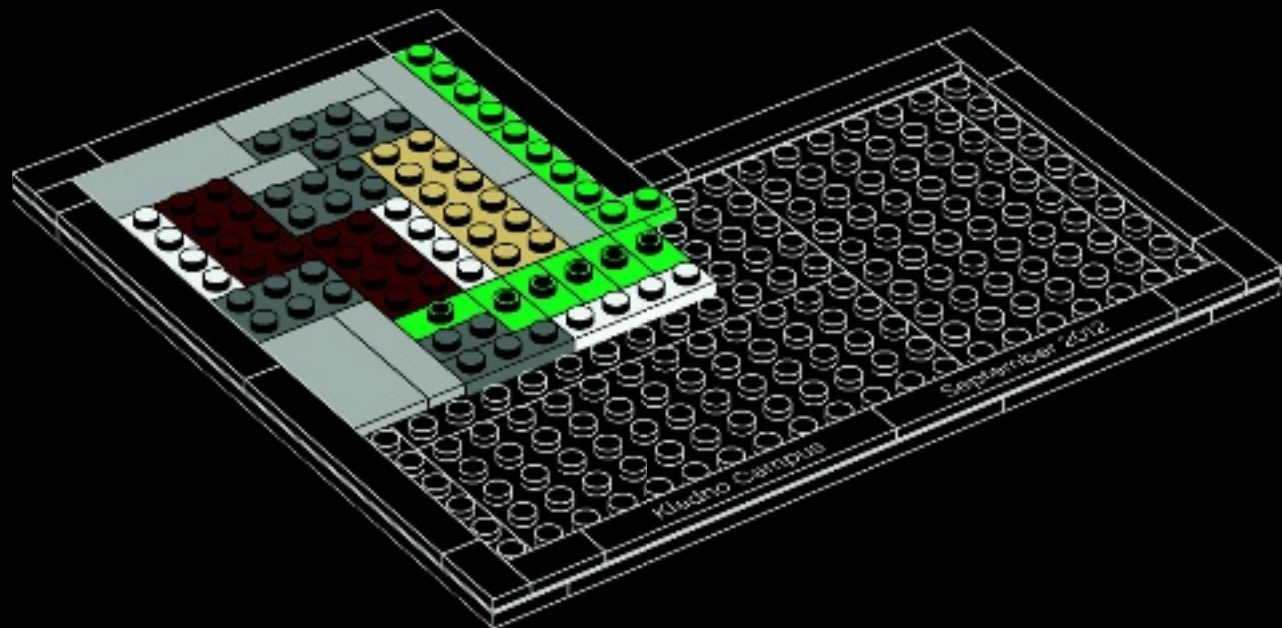
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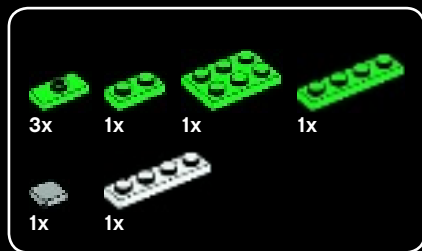
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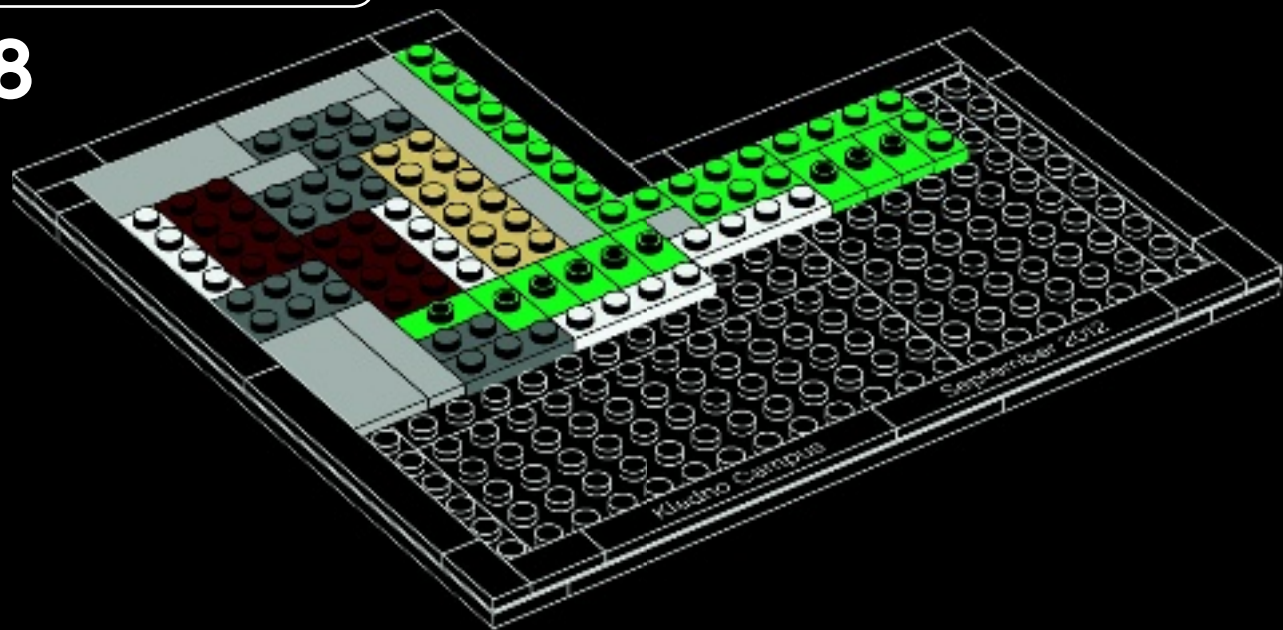


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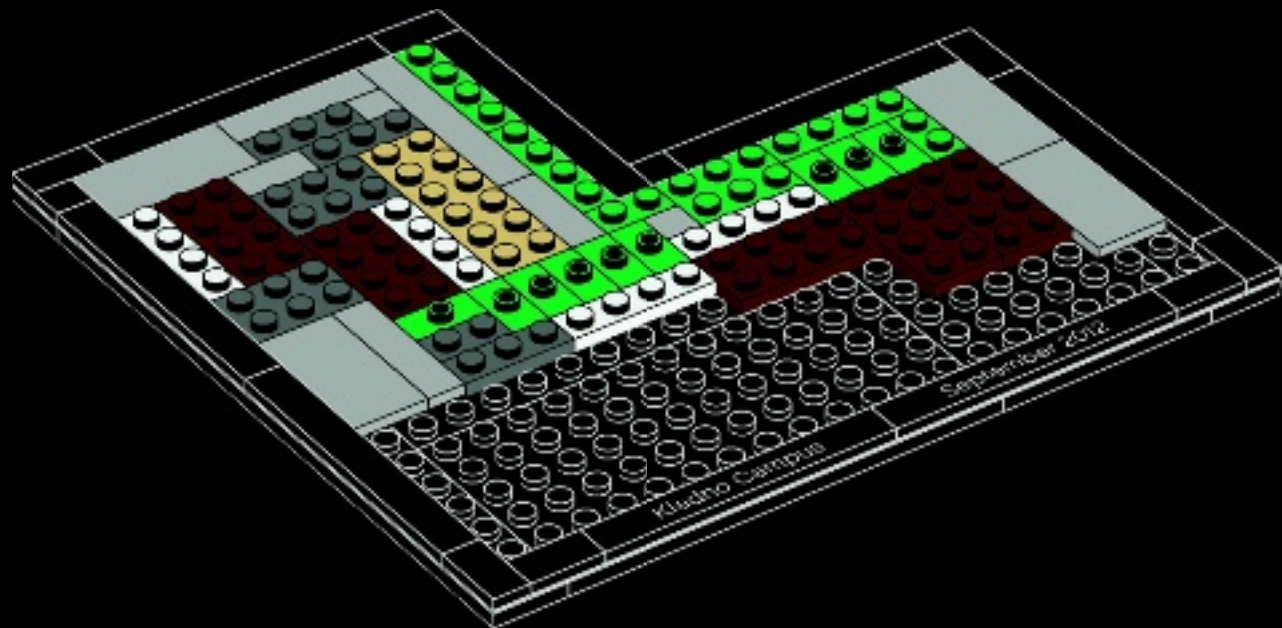
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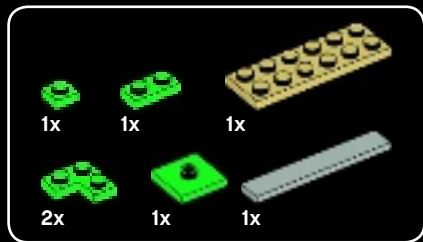


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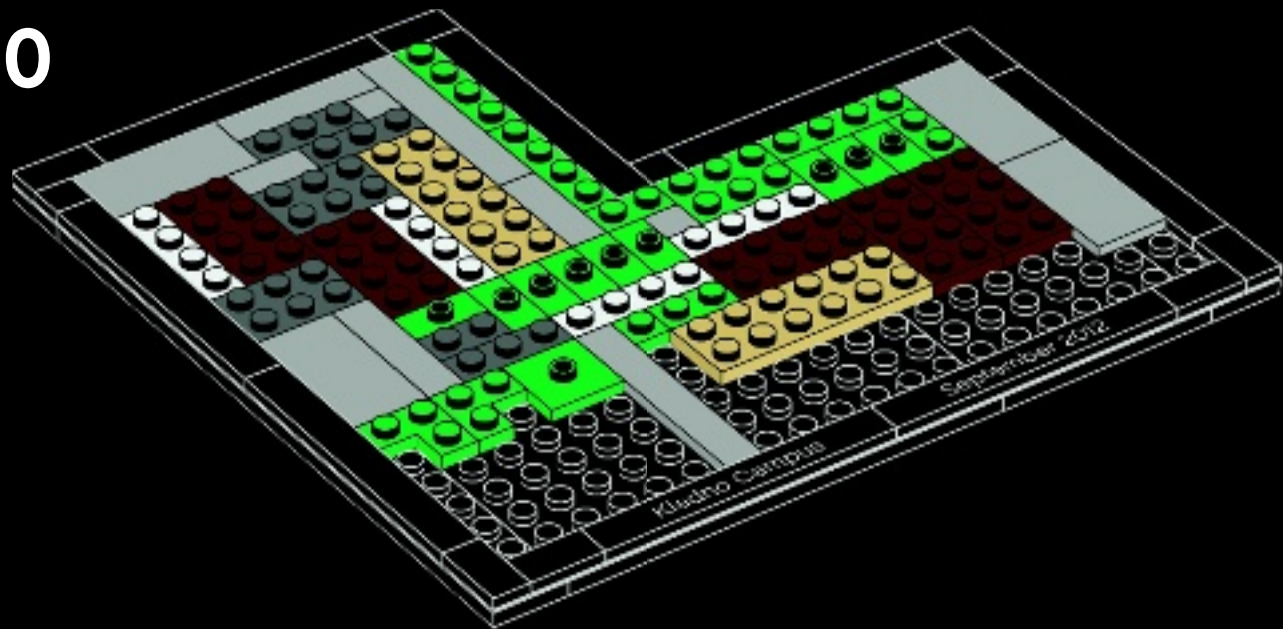
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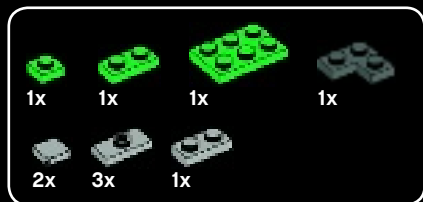
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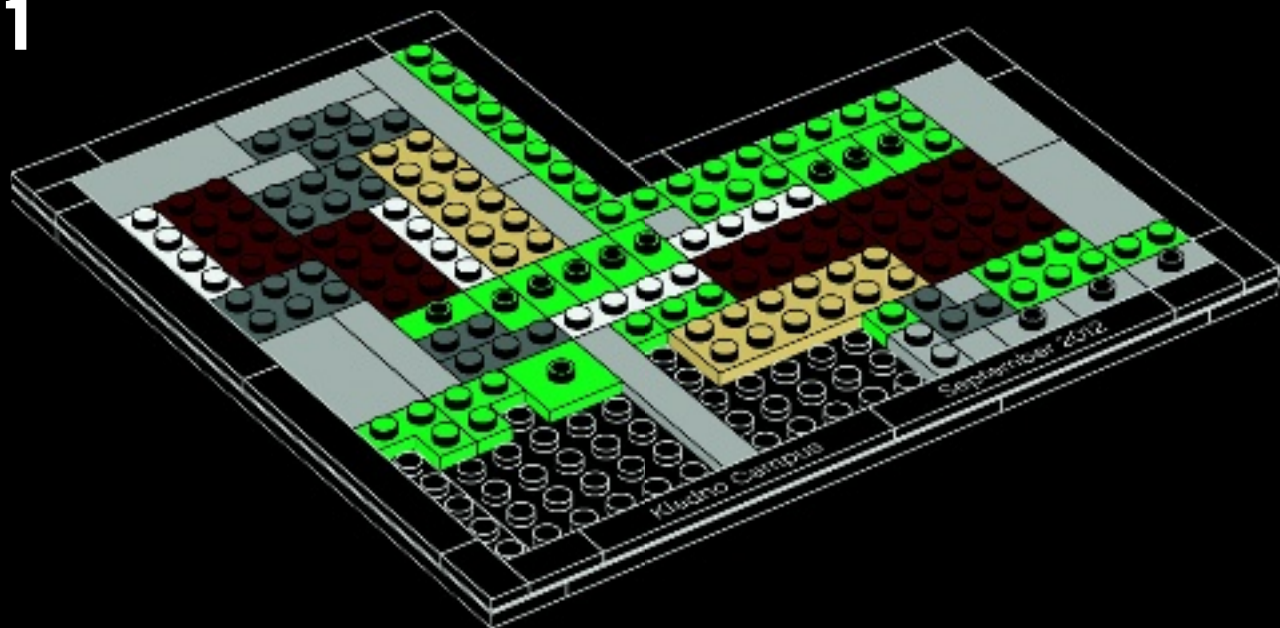


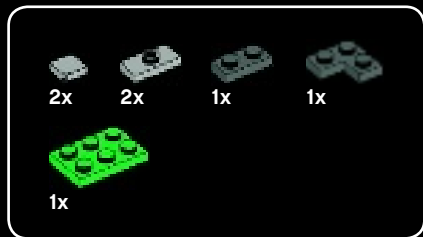
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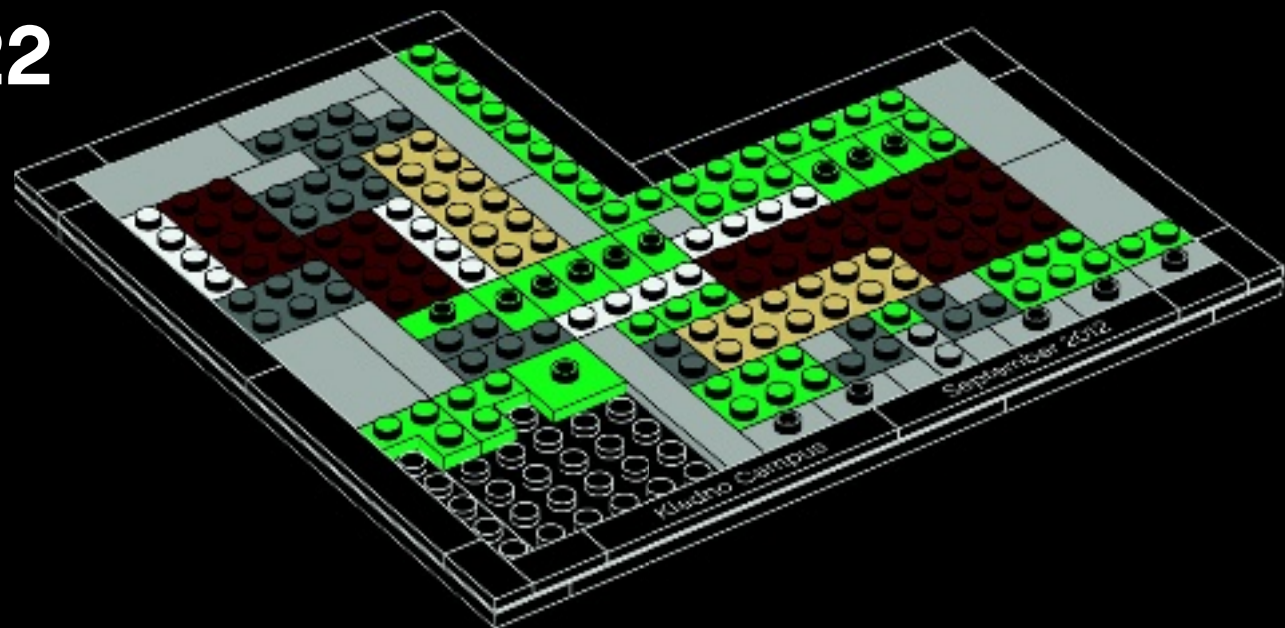


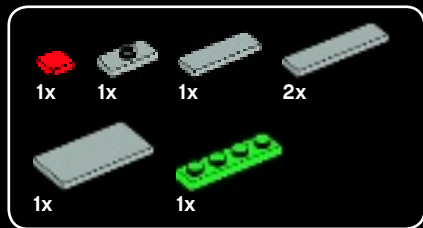
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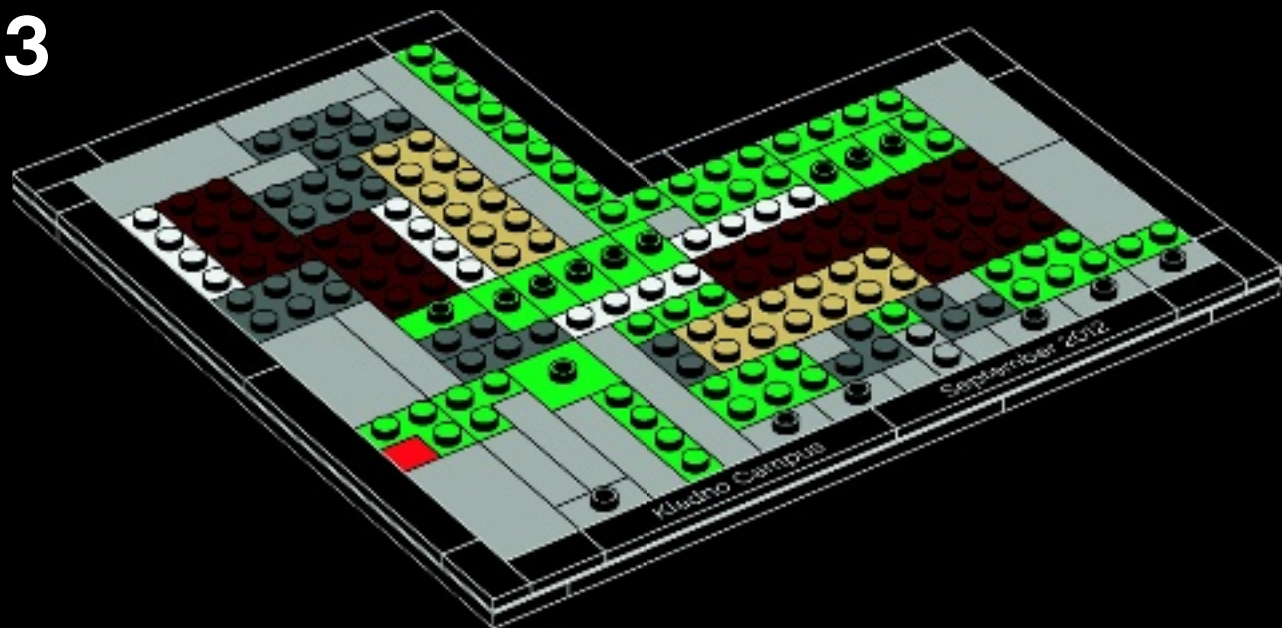


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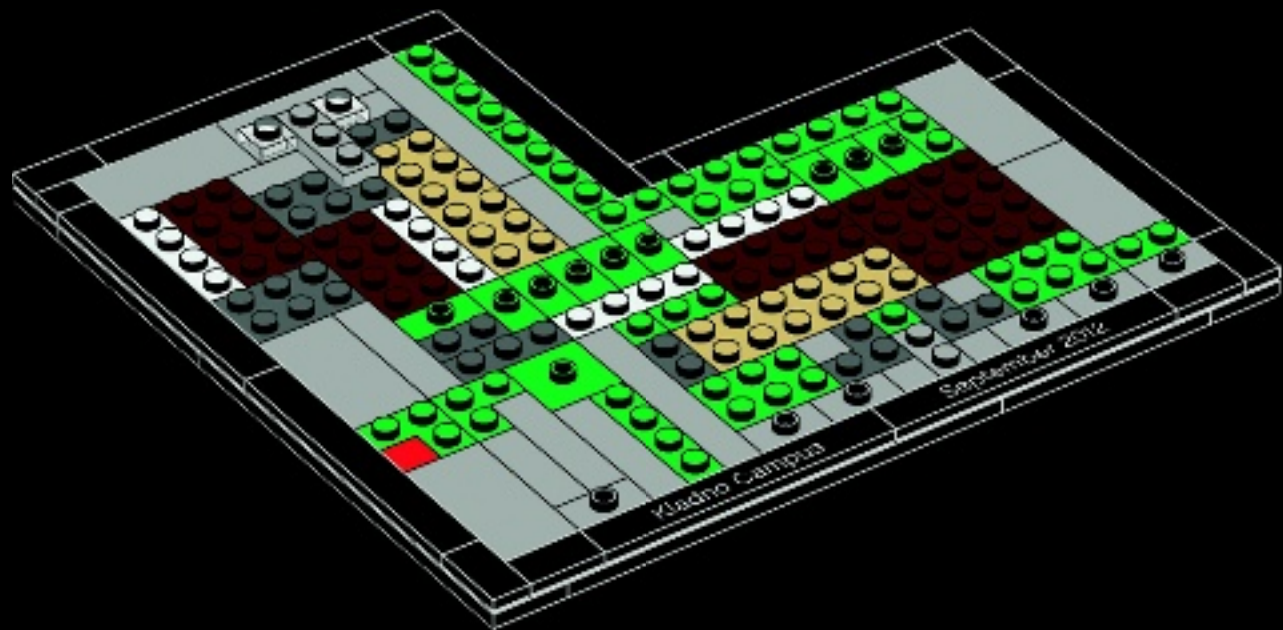


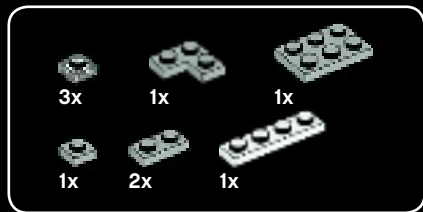
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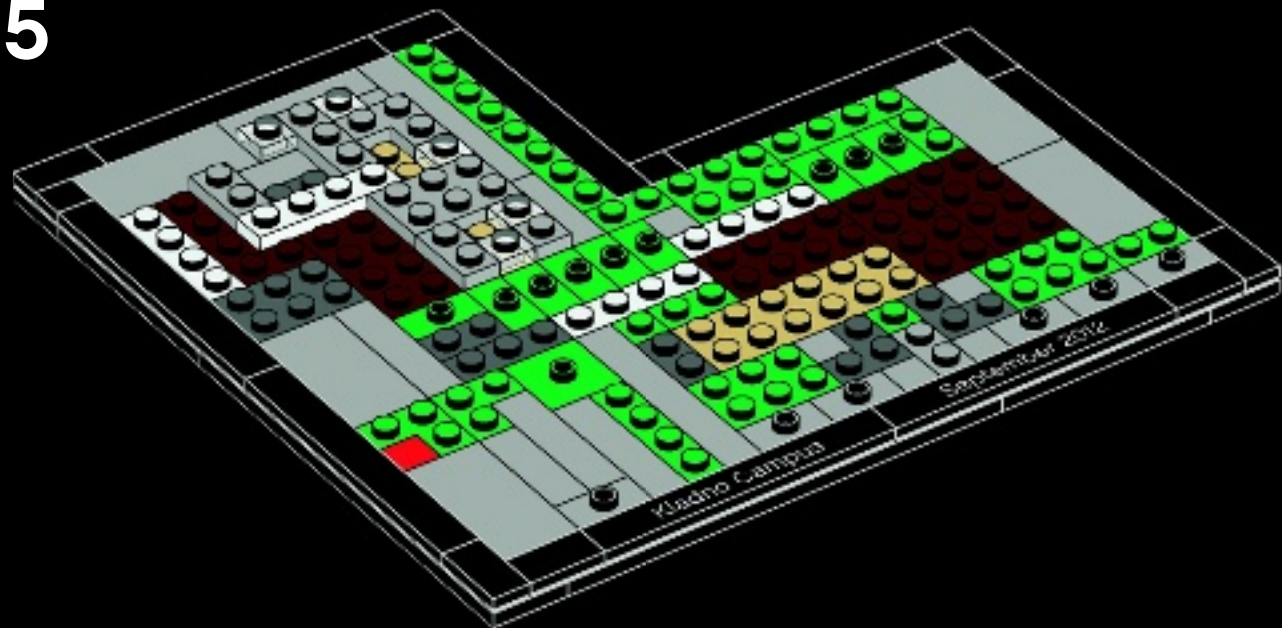
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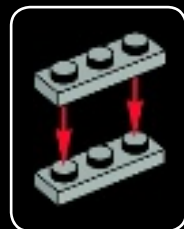


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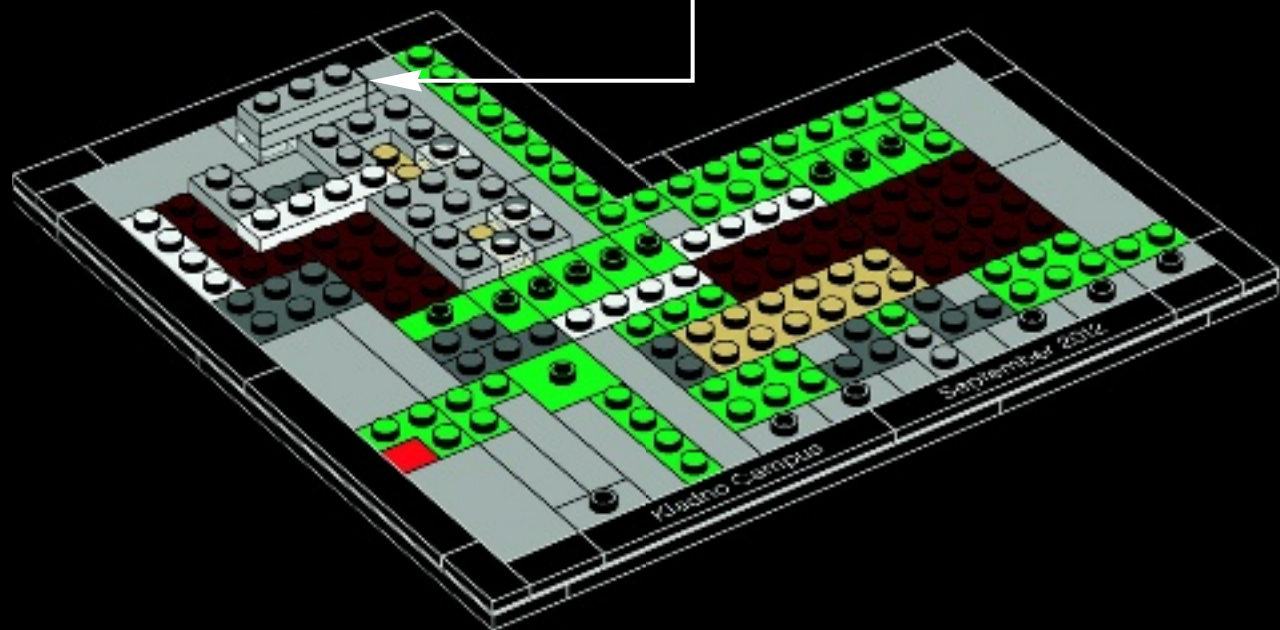


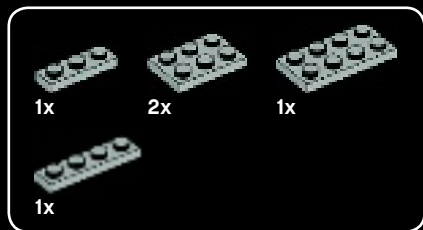


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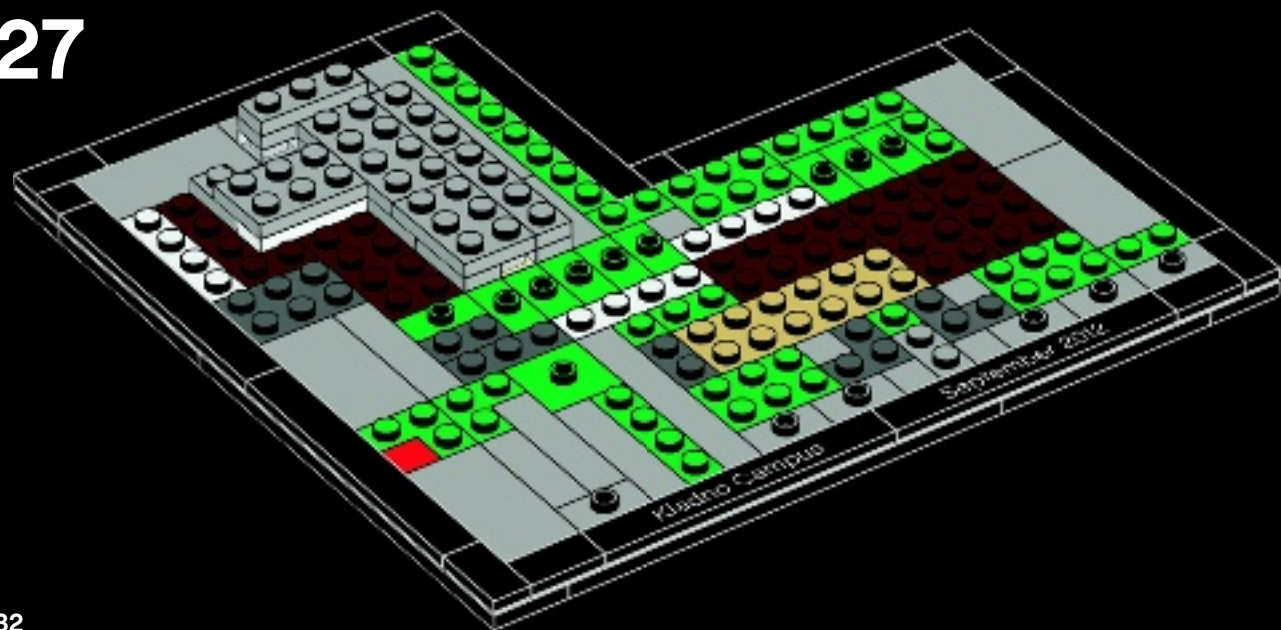


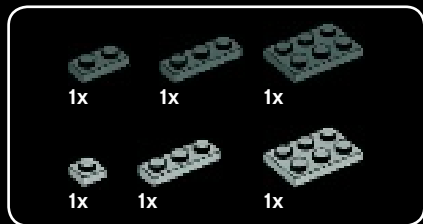
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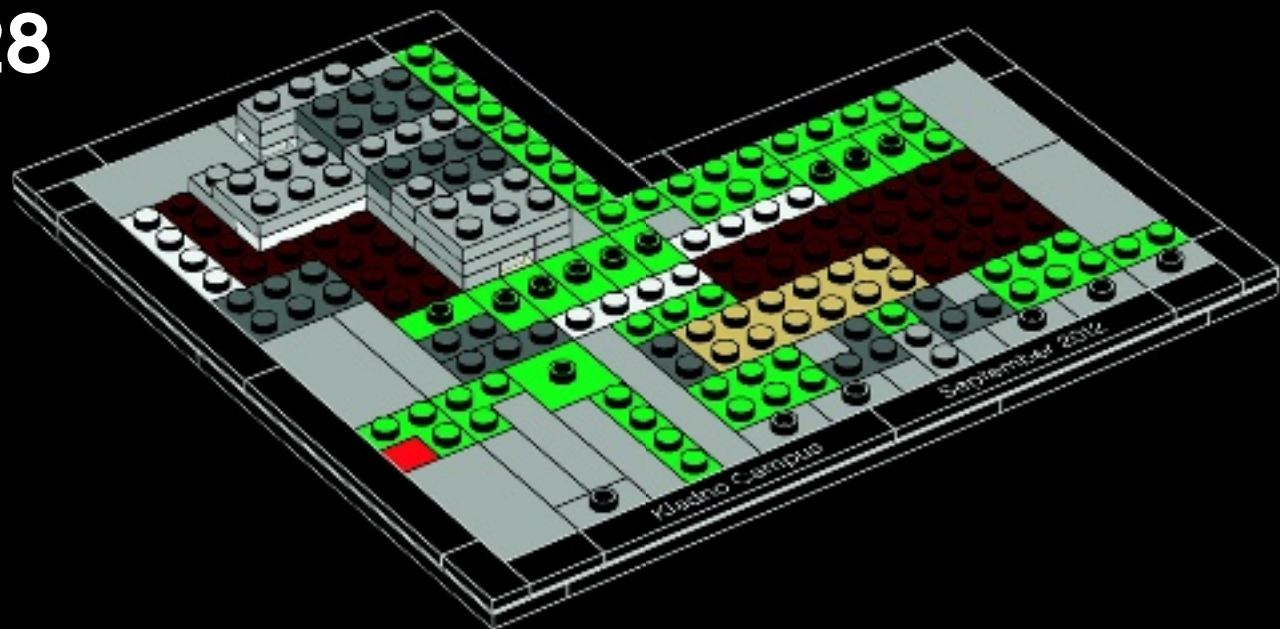


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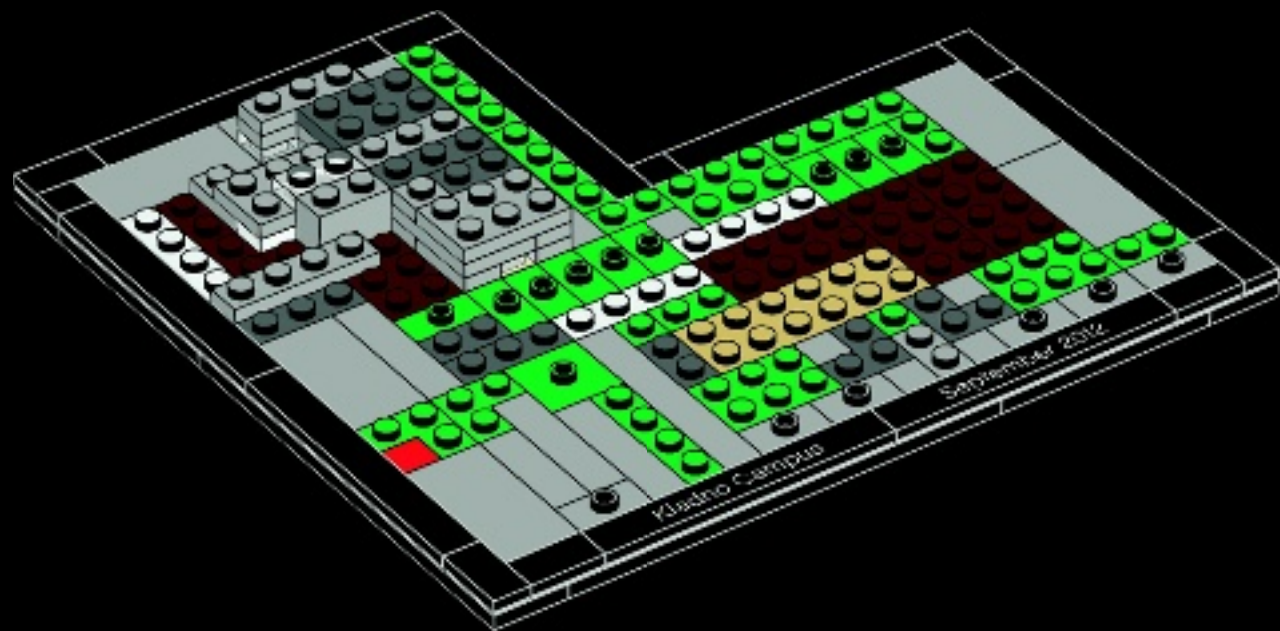


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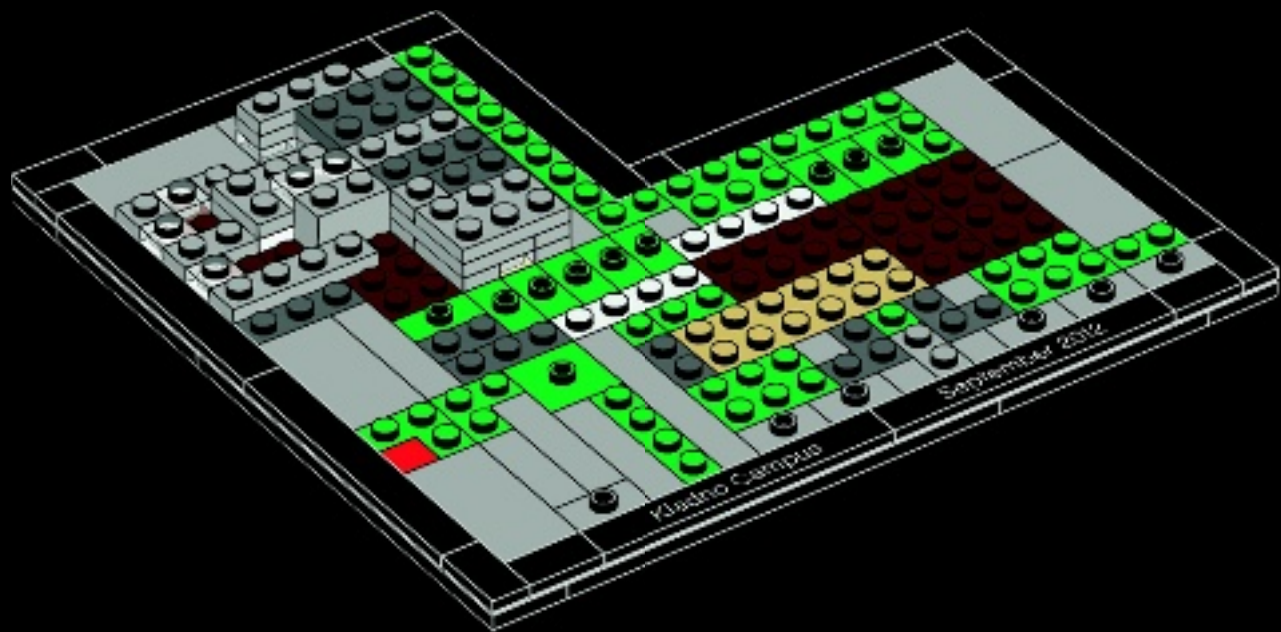


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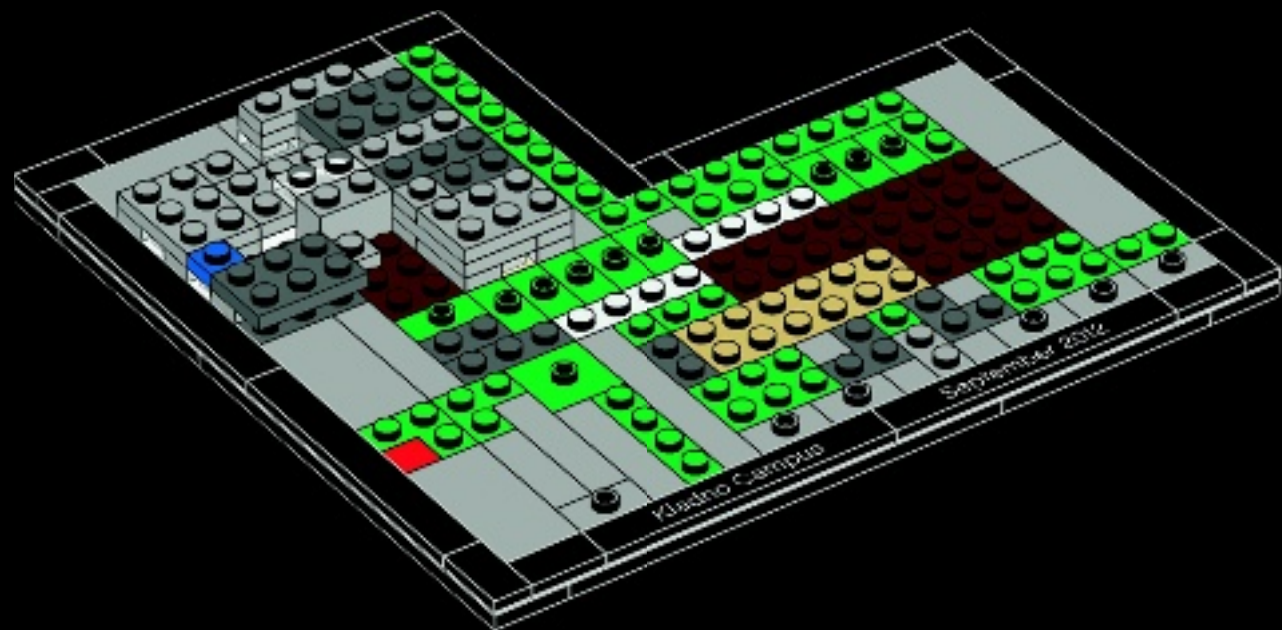
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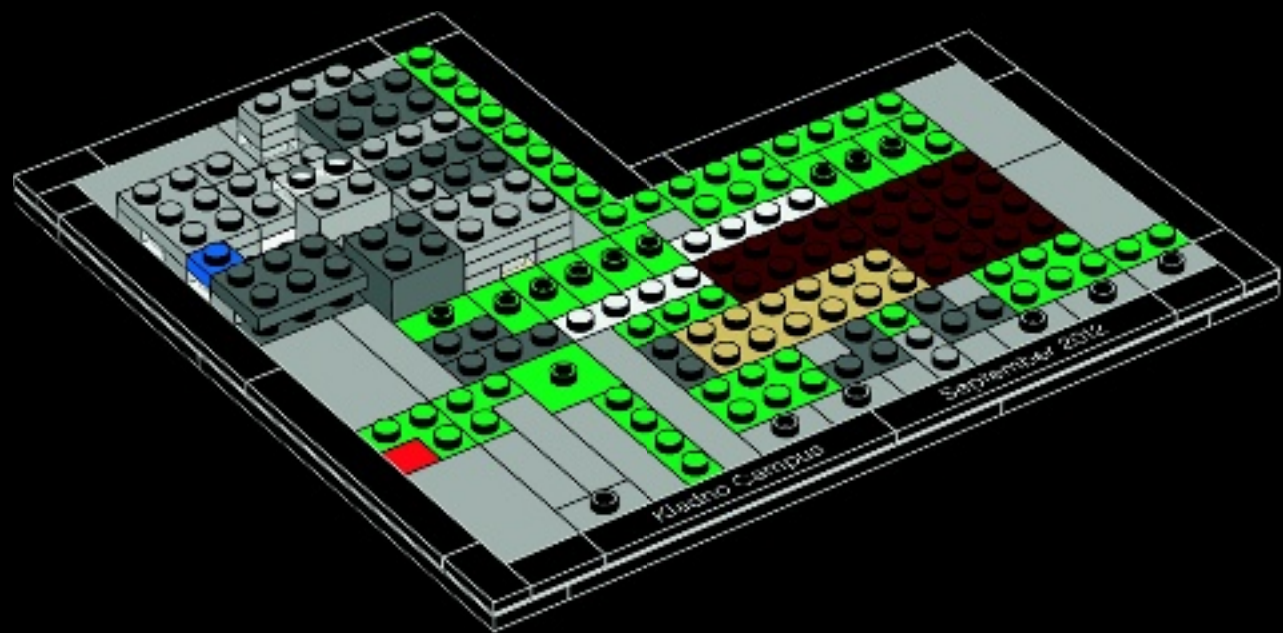
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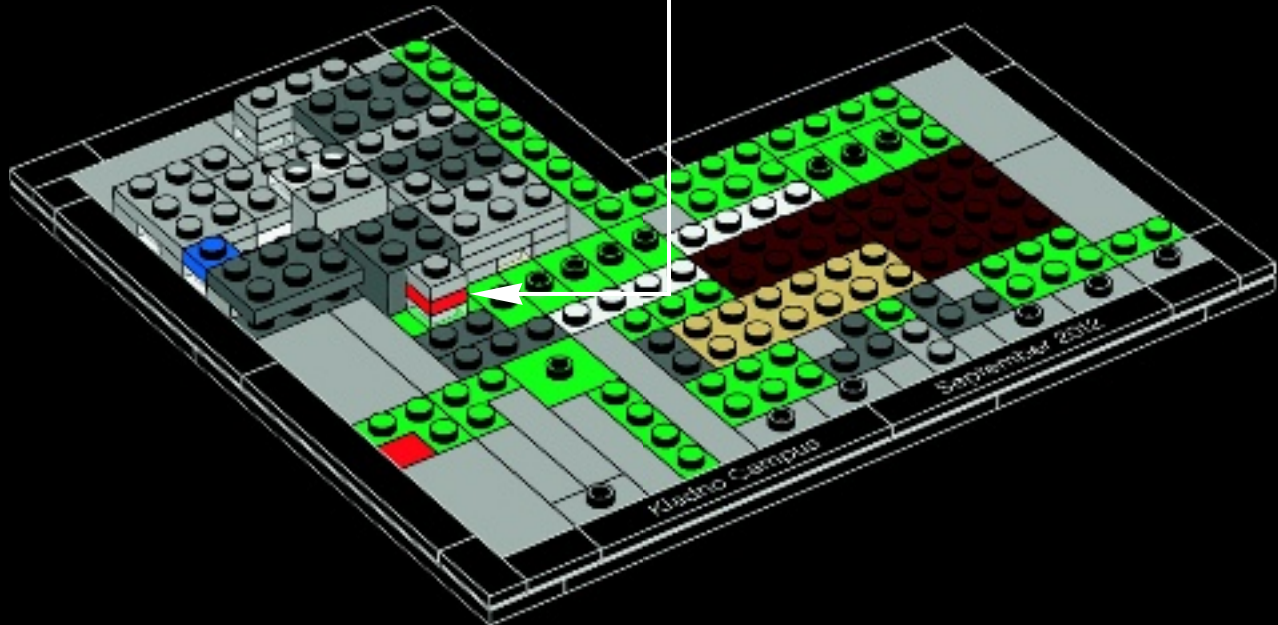
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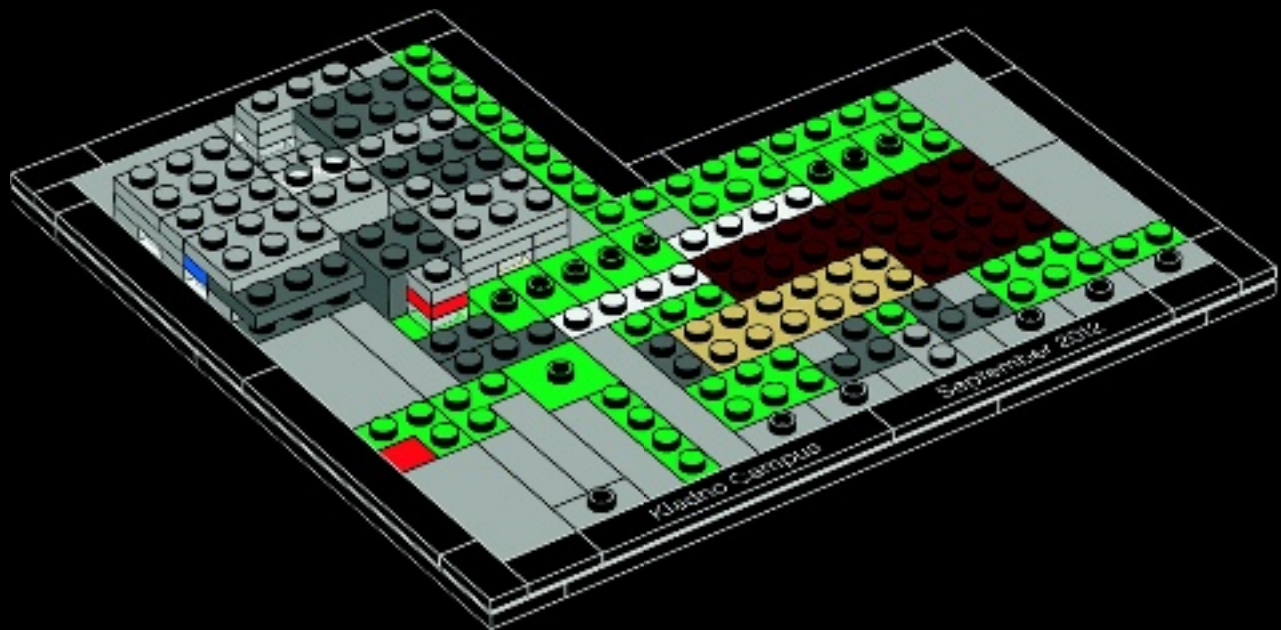


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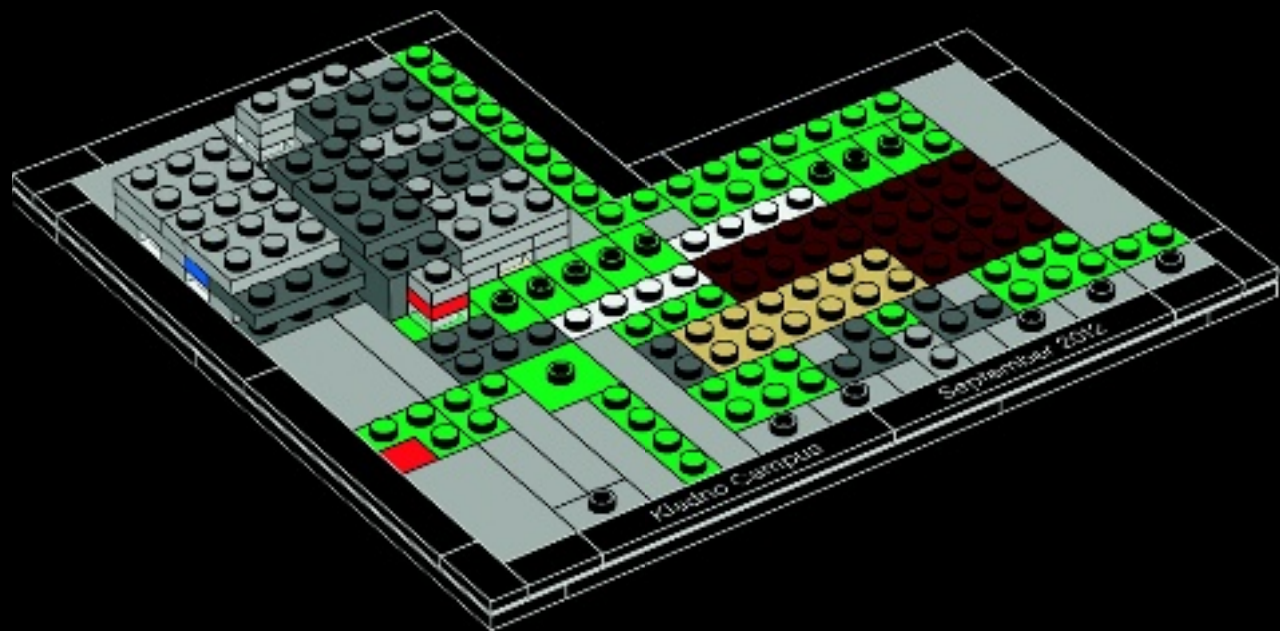


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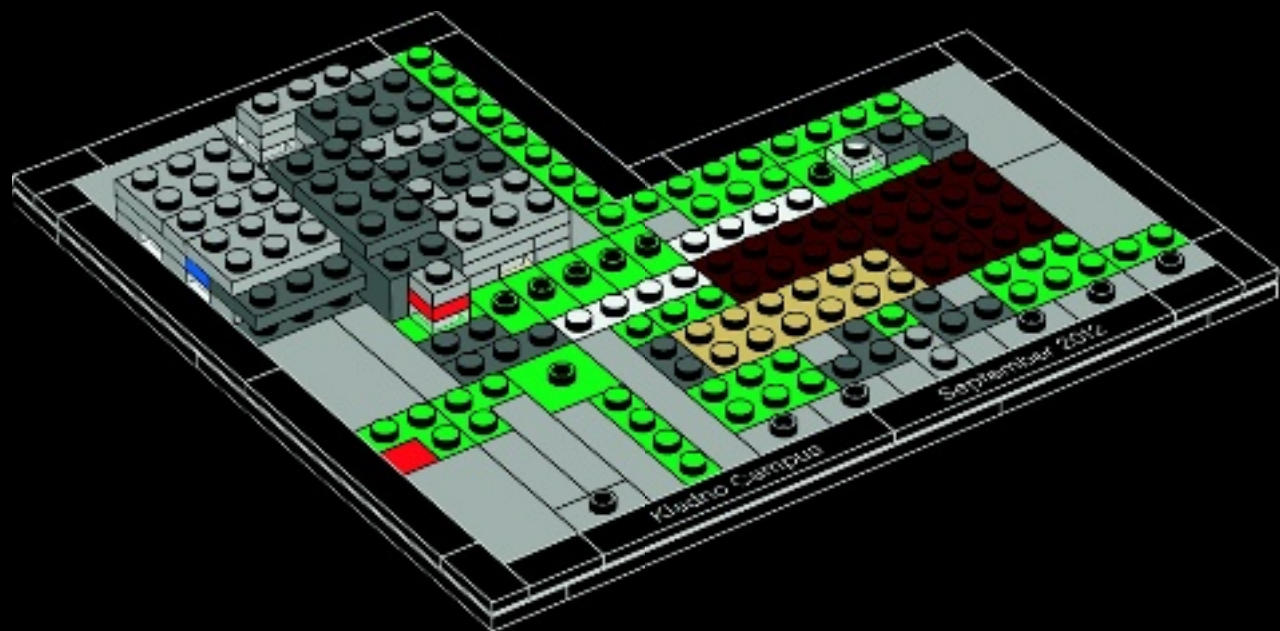


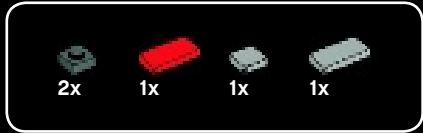
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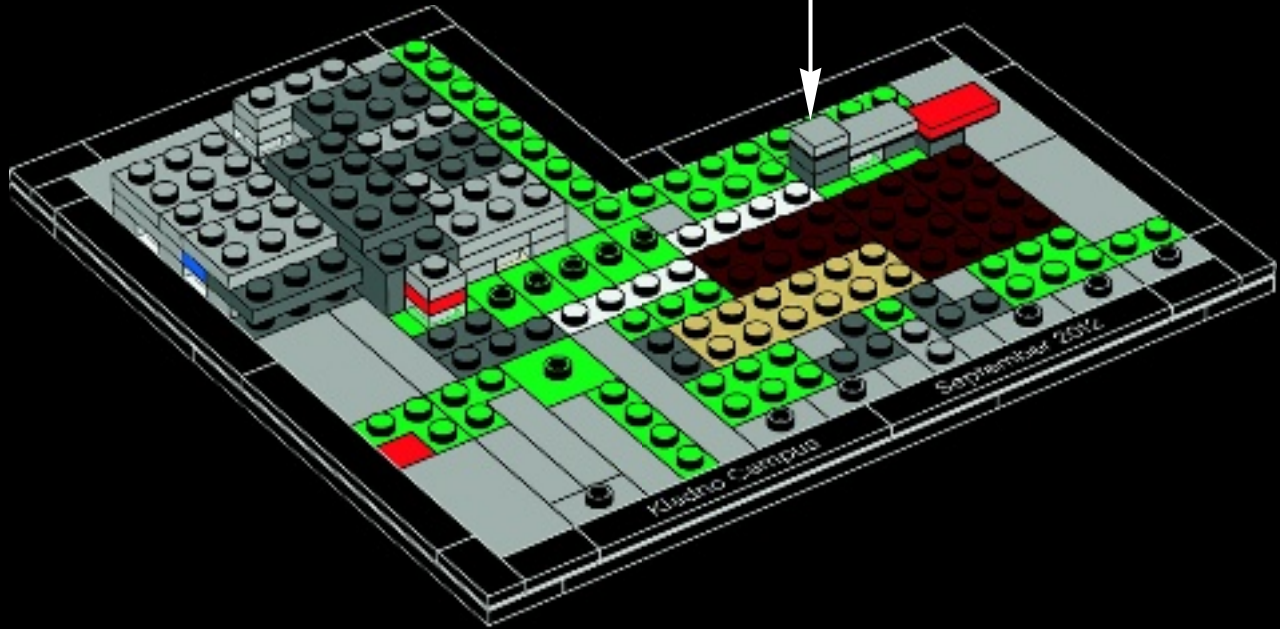
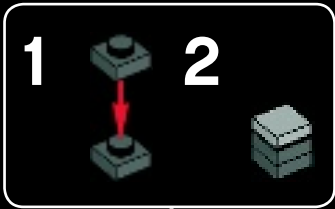
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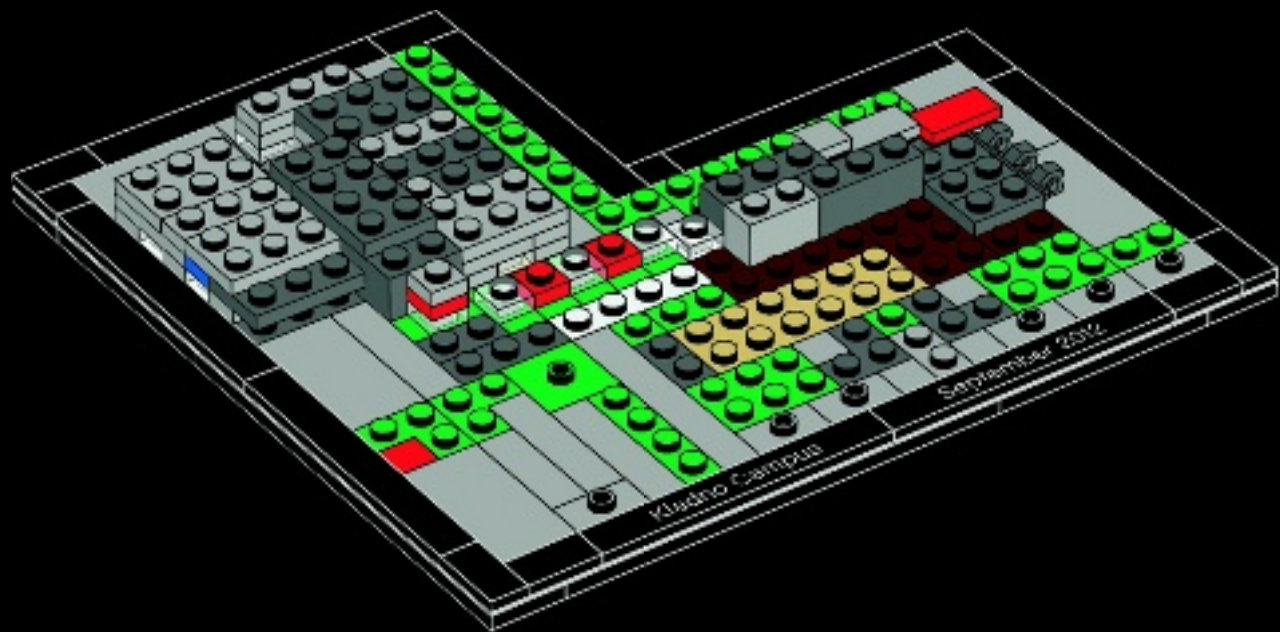


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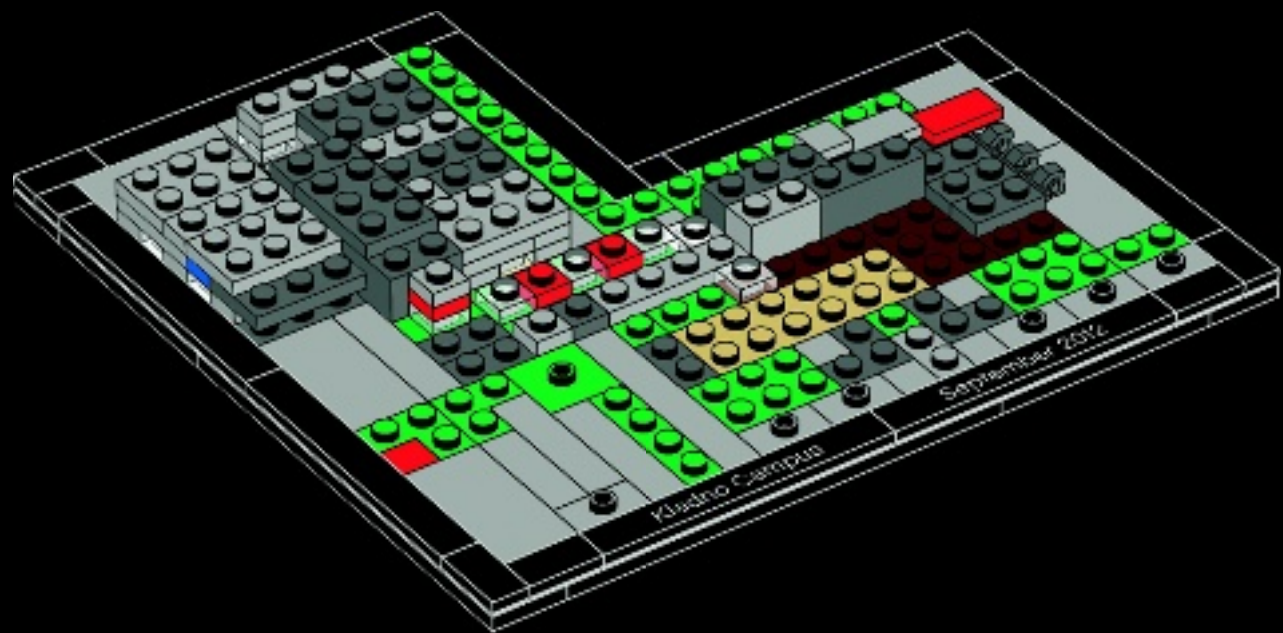
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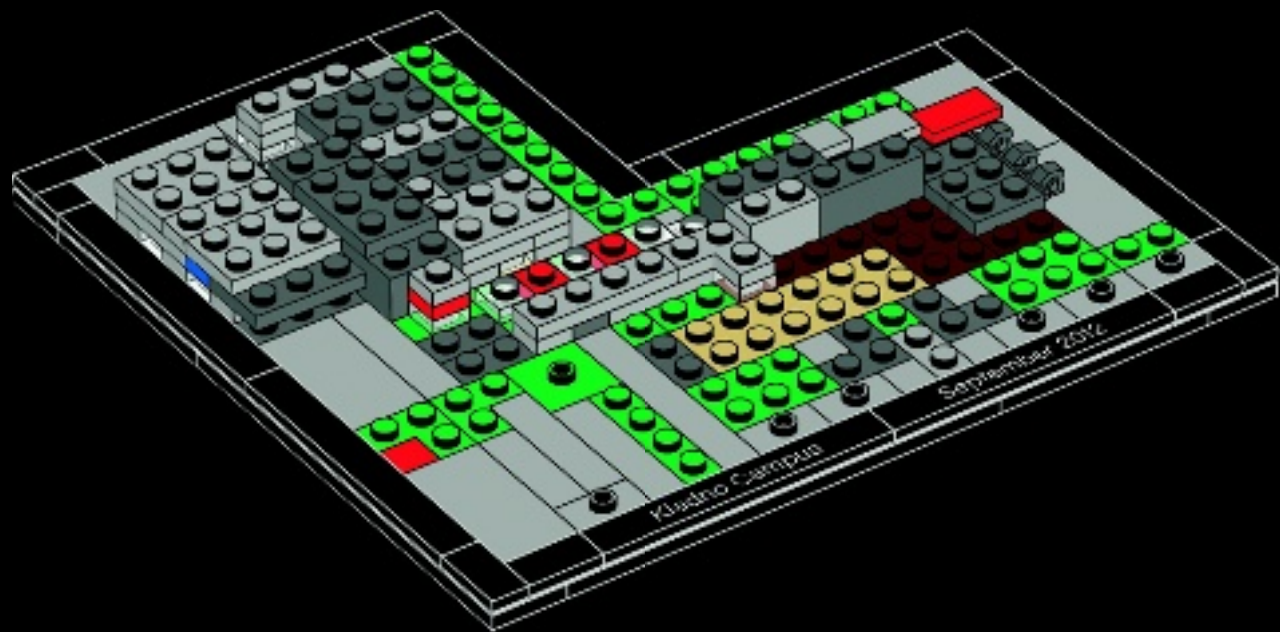


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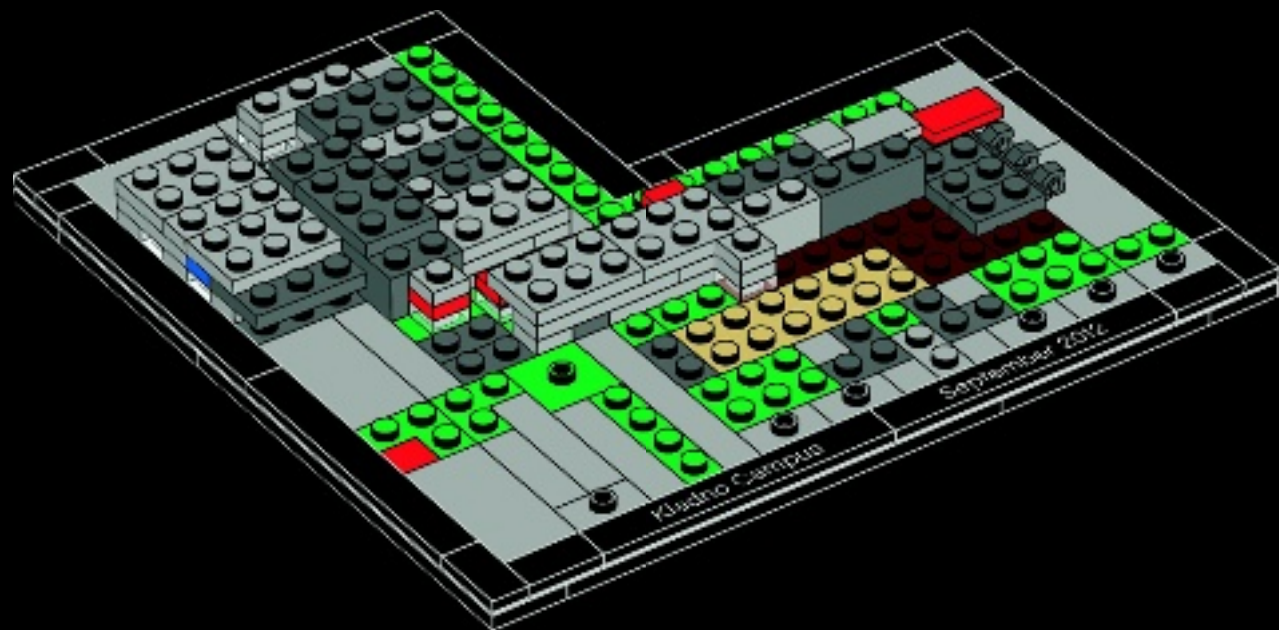


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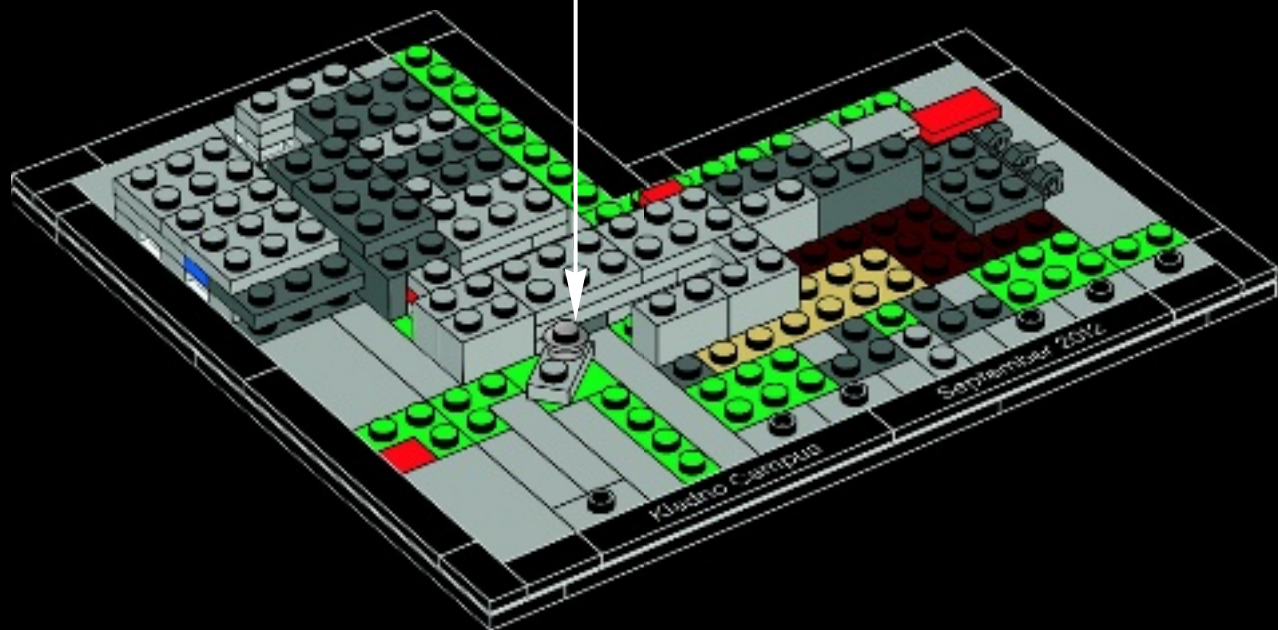
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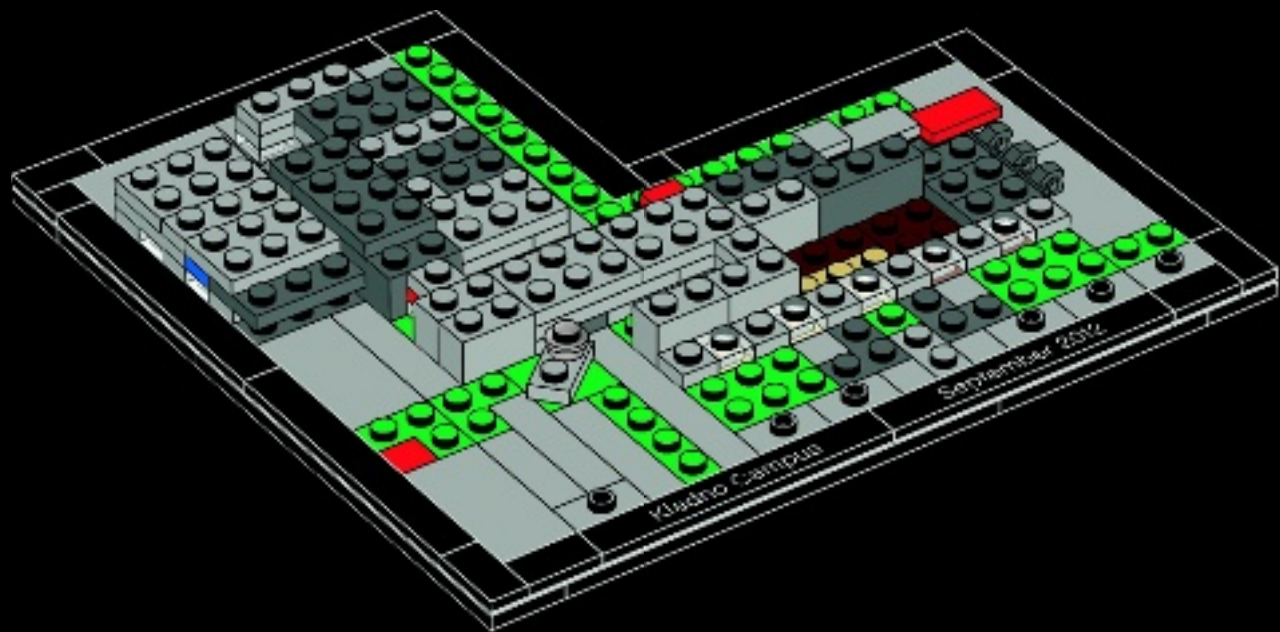


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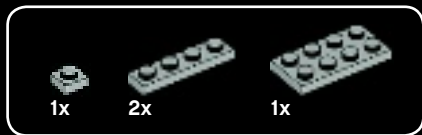


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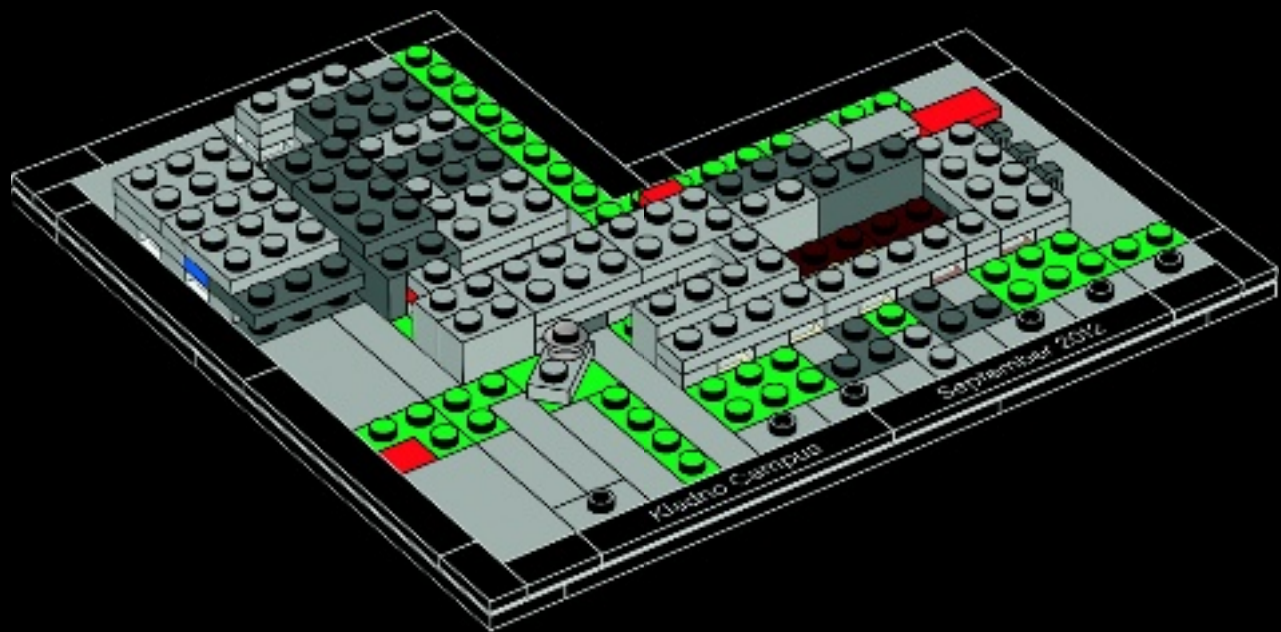
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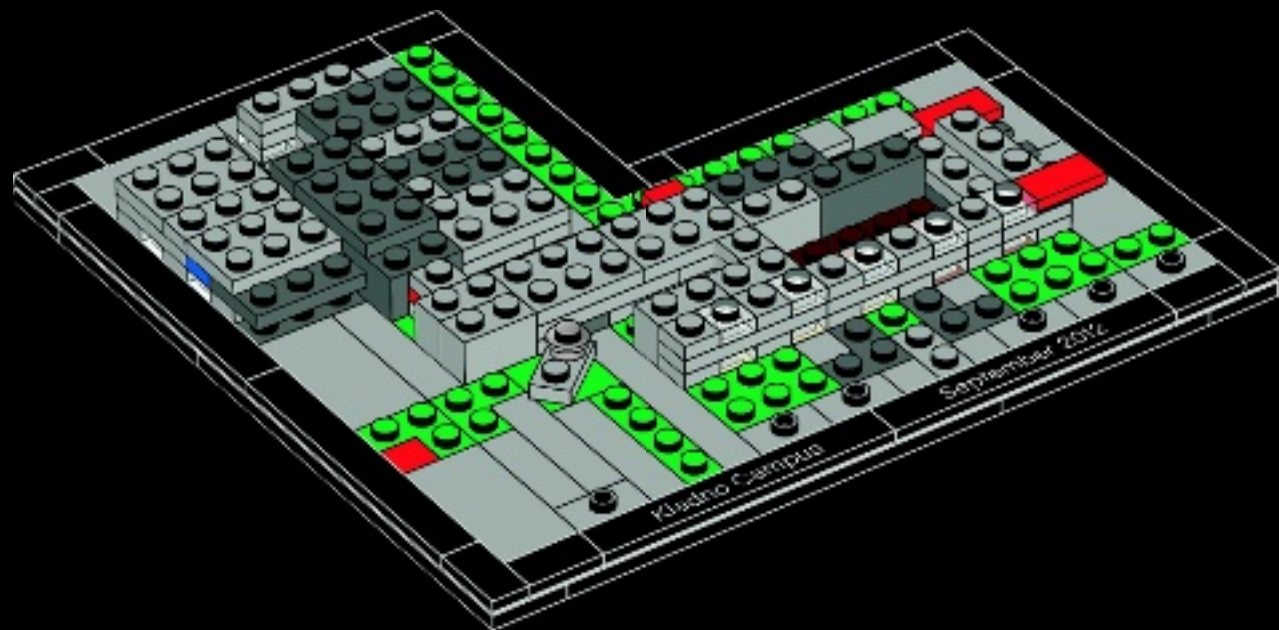


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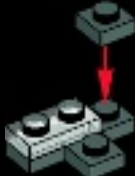
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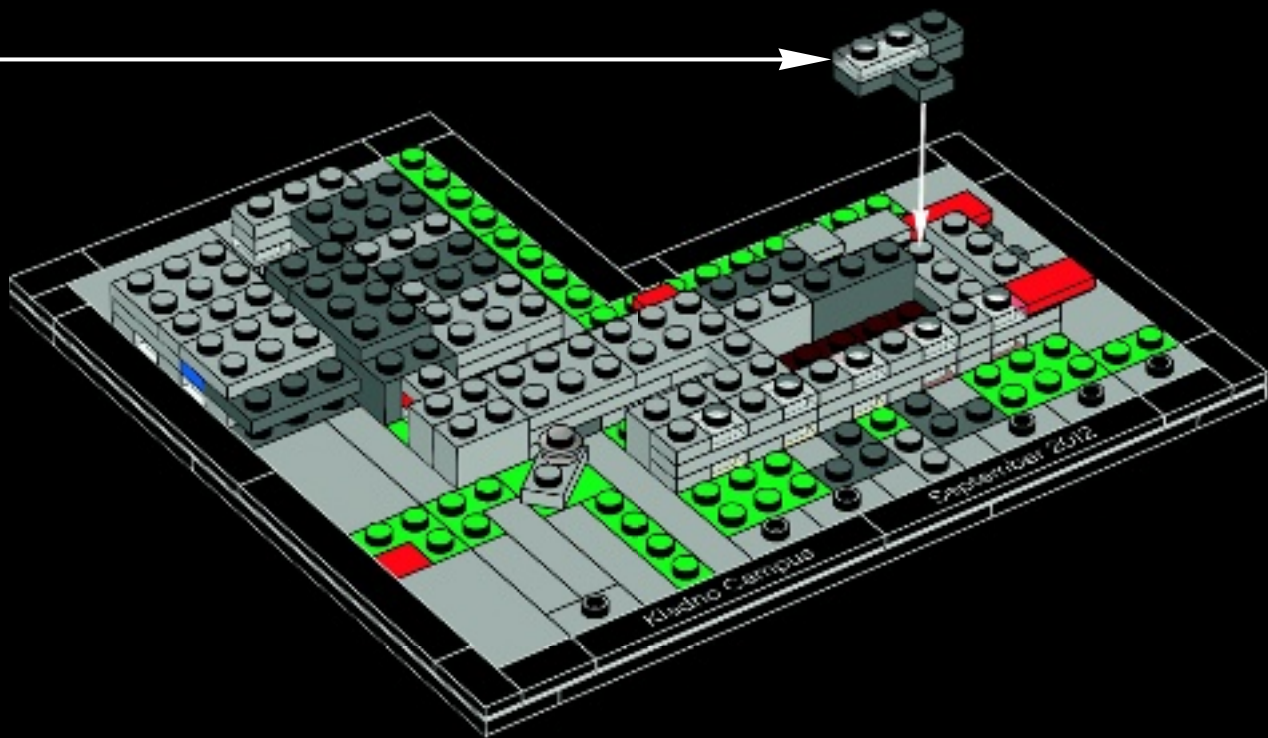


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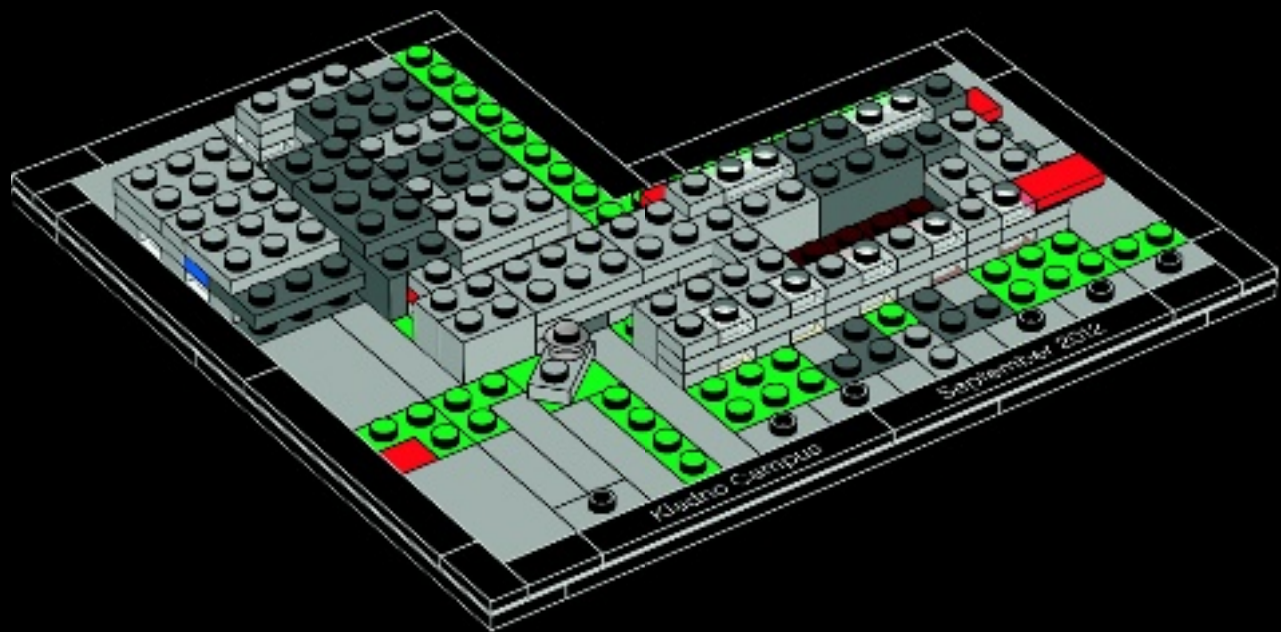


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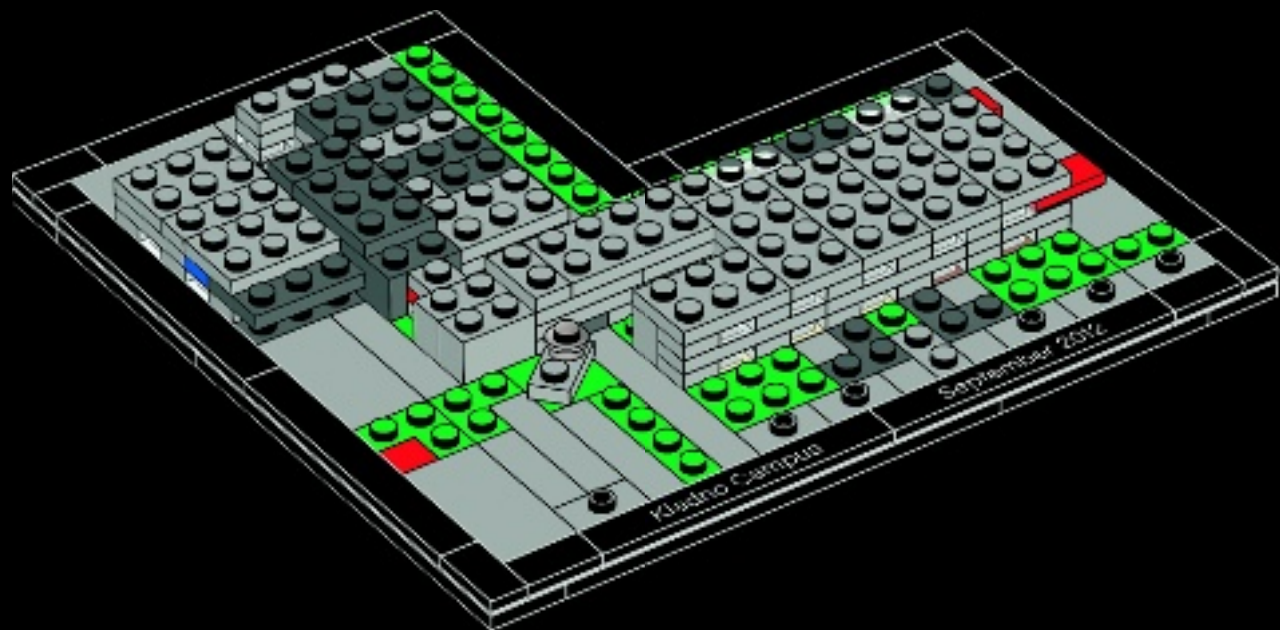


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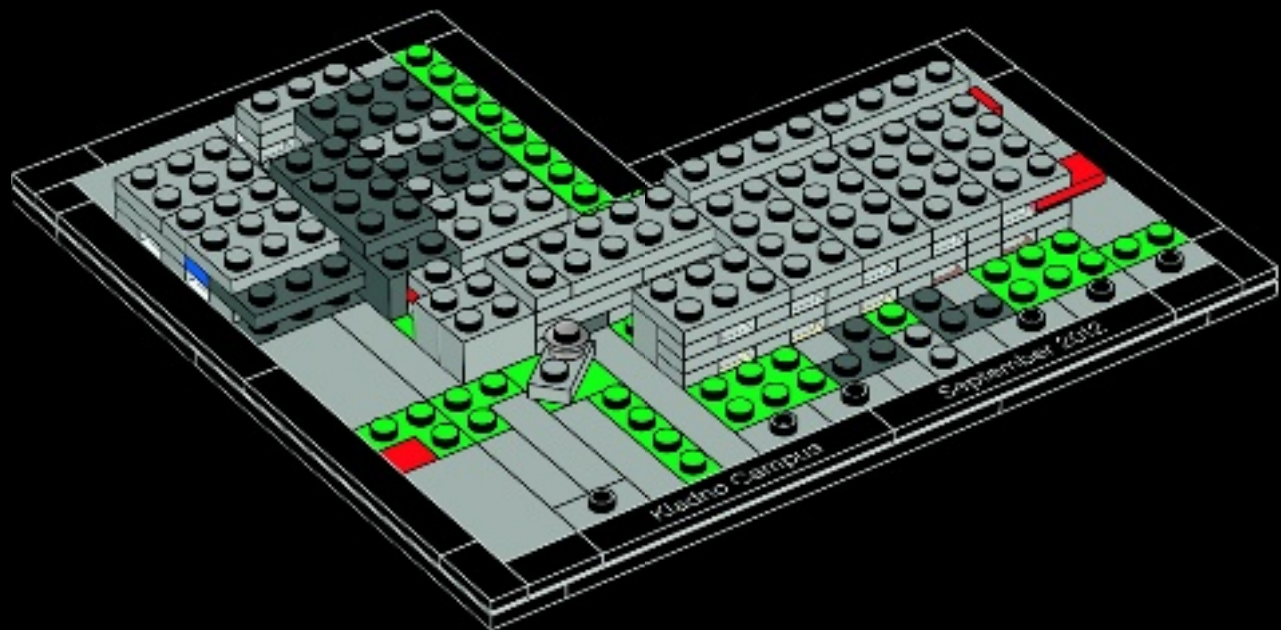
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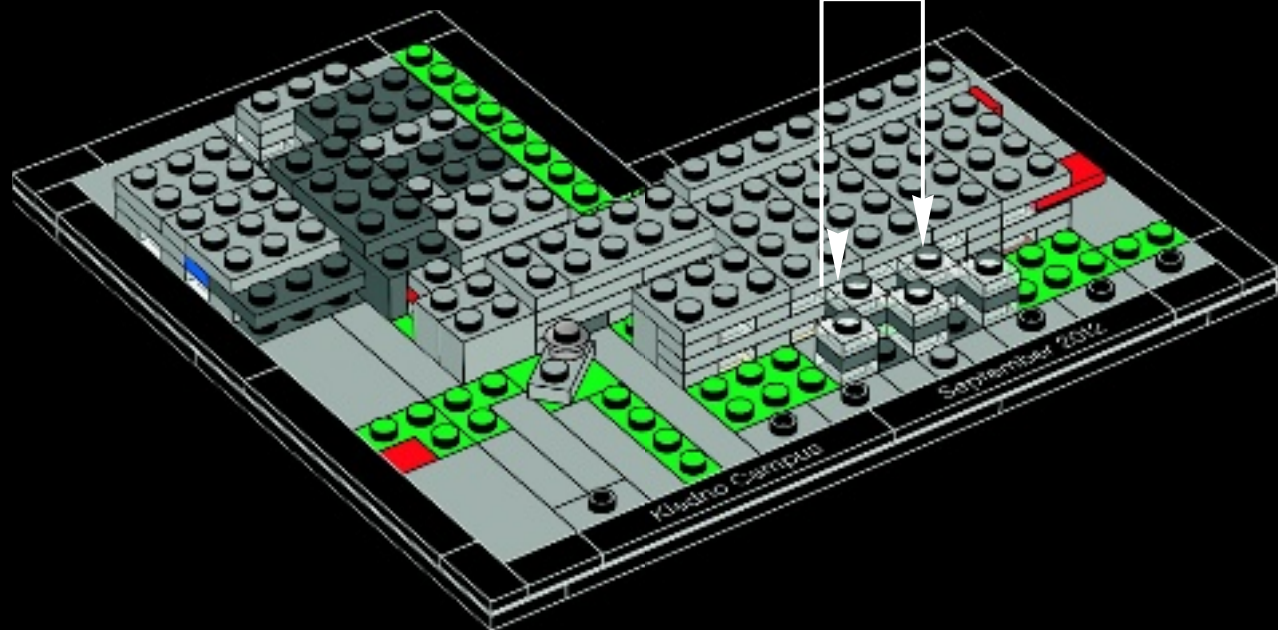
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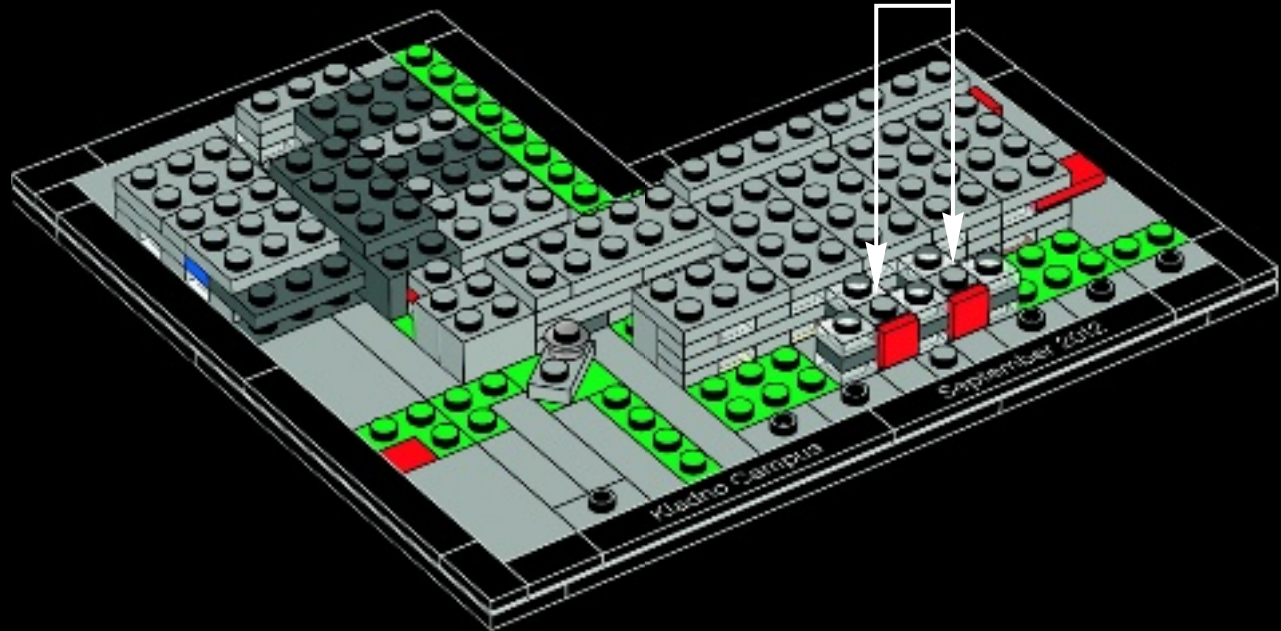


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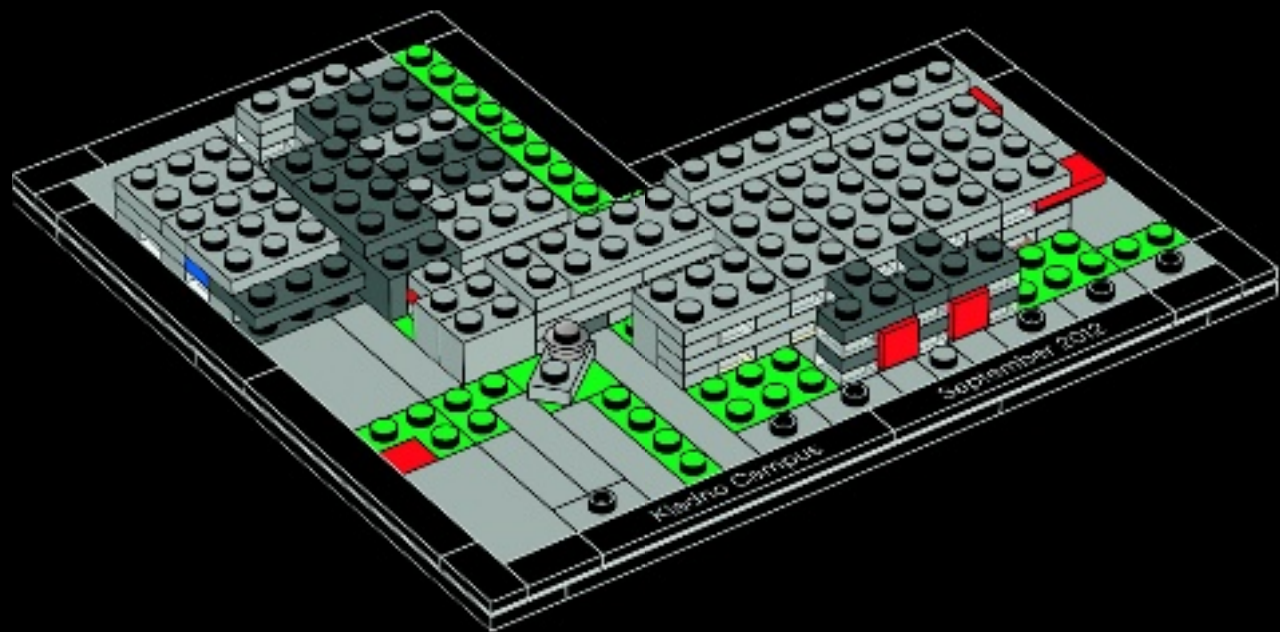


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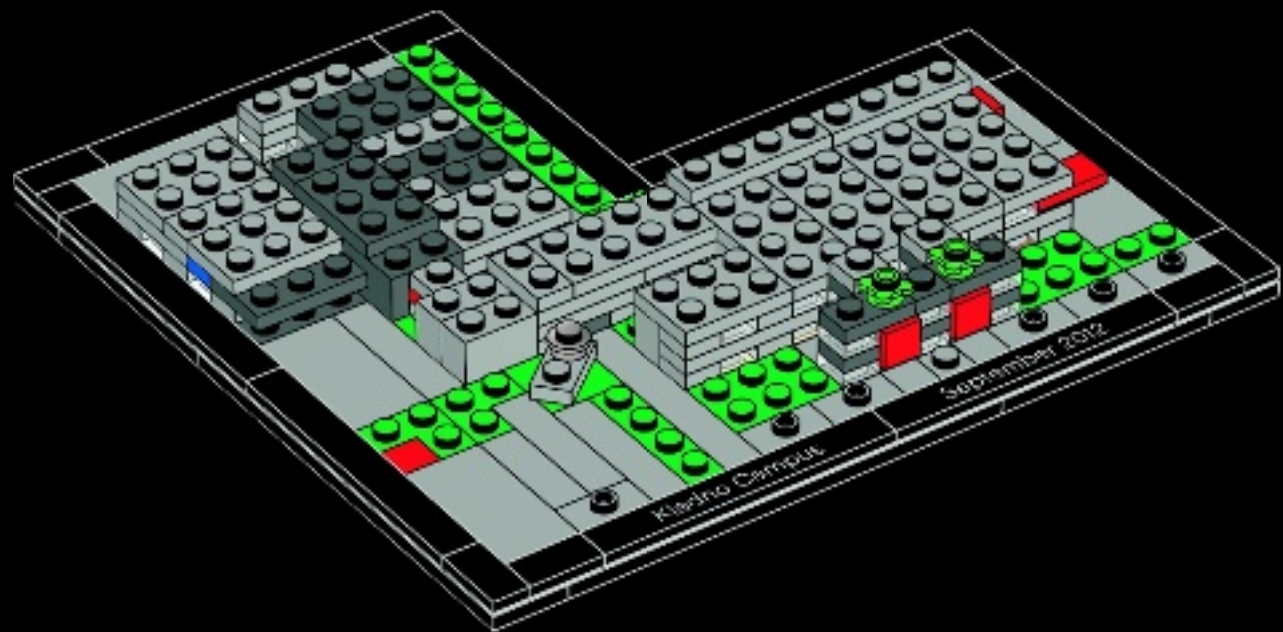


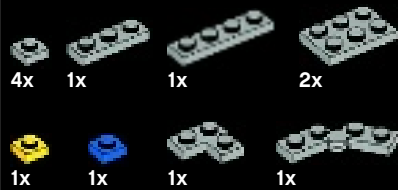
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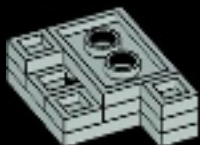
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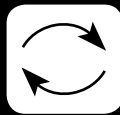
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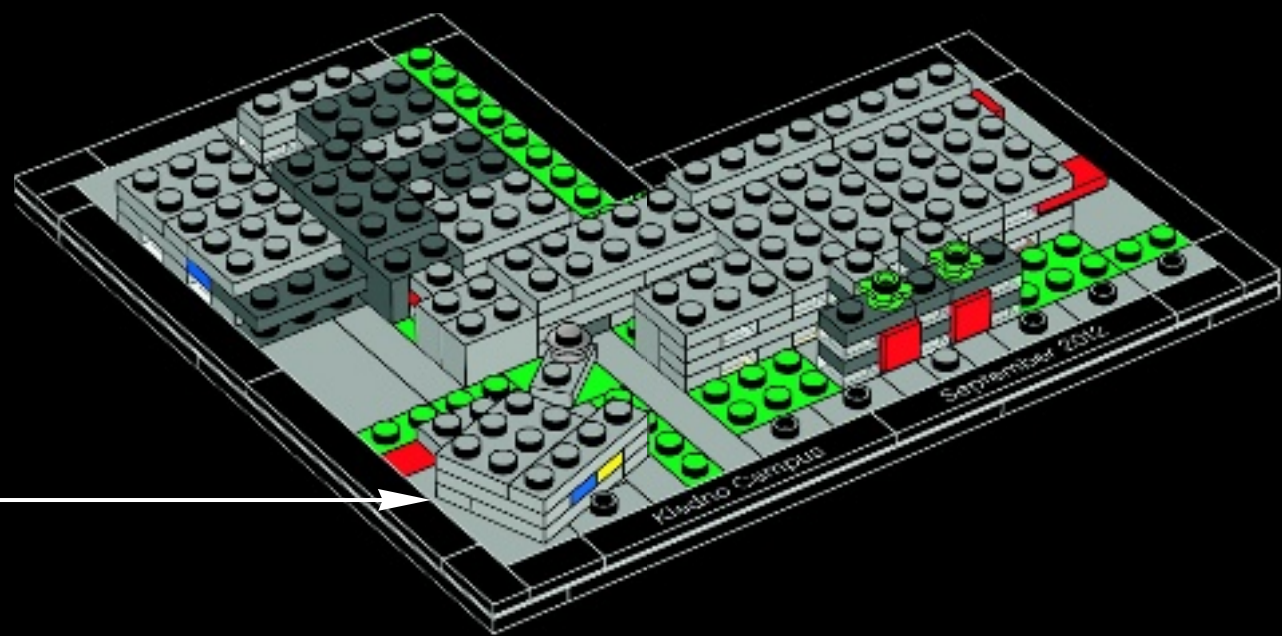


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6







5x

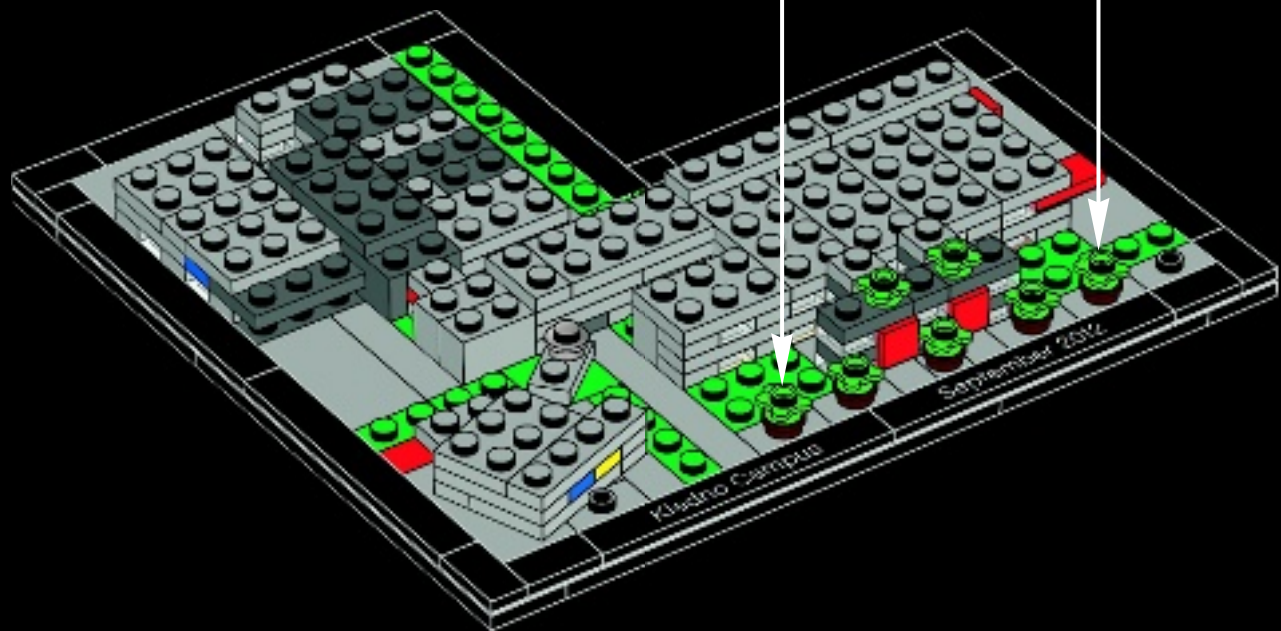


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57

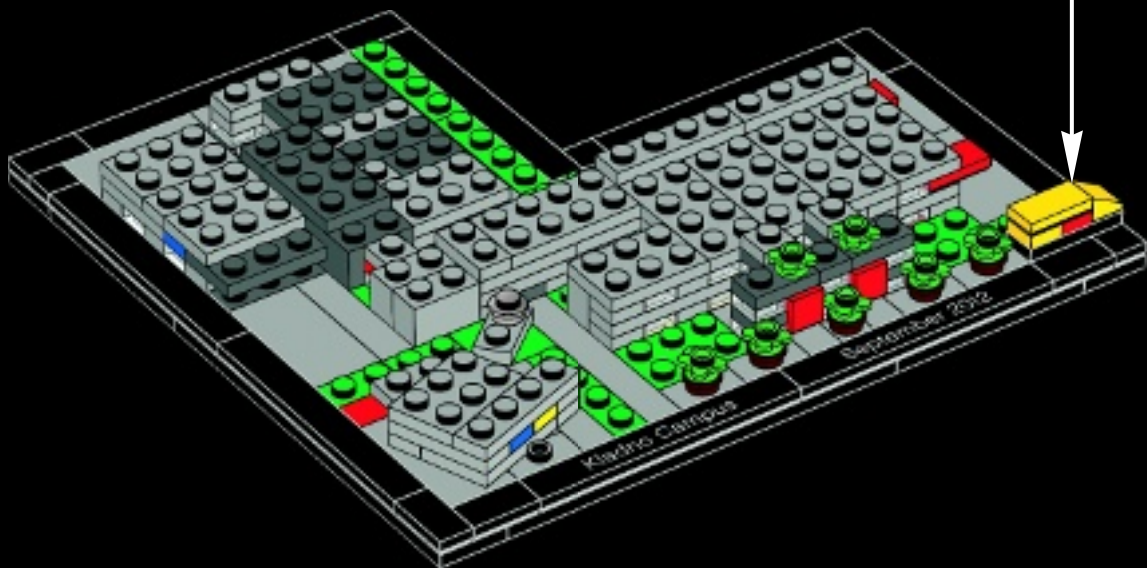


5x





58





2x
4113993



4x
302421



3x
307021



5x
306921



2x
302423



1x
4504381



2x
302424



1x
306924



5x
4211186



7x
4619599



2x
302428



9x
379428



4x
302328



2x
4157120



1x
4565321



4x
371028



3x
302128



5x
4216581



9x
4211445



7x
4211395



8x
4211415



2x
4211414



2x
4558169



4x
4211356



5x
4560183



2x
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1x
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6x
4211388



2x
4211476



26x
4211399



6x
4211398



6x
4211451



3x
4211353



8x
4211429



12x
4211396



3x
4167842



2x
4211104



13x
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5x
4211063



5x
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4x
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5x
4211043



3x
4210883



5x
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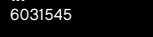
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1x
4211060



1x
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1x
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1x
416226



6x
416226



4x
302826



3x
244526



1x
362326



7x
306926



1x
4249039



2x
307026



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