

Reitseplein, Tilburg

Zonnestudie

29 september 2020

Reitseplein, Tilburg

zonnestudie

Onderzoeksopzet

Voor deze studie is gebruik gemaakt van verschillende bronnen van uiteenlopende nauwkeurigheid. Voor de bestaande bebouwing is uitgegaan van de kadastrale tekening voor positie en gebouwcontour; voor de gebouw- en terreinhoogtes zijn aannames gedaan op basis van foto's. De nieuwbouw is gebaseerd op het tekenwerk van FAAM architects. Daarnaast vormt ook de maximale variant conform bestemmingsplan onderdeel van het onderzoek. De gekozen tijdsintervallen zijn de aanbevolen intervallen. Met een korter interval kan er uiteraard nauwkeuriger getoetst worden, maar dit lijkt gezien de nauwkeurigheid van het model in deze fase niet aangewezen.

TNO norm

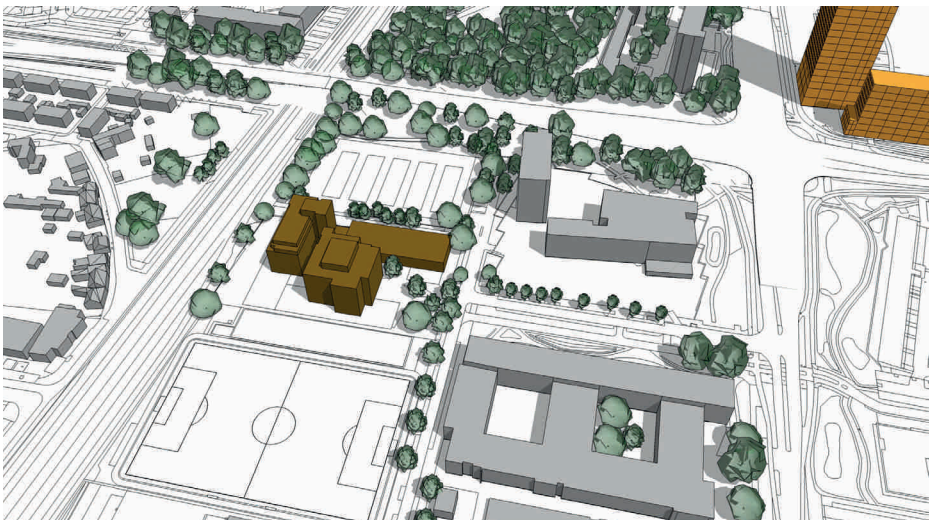
Lichte norm: ten minste 2 uur per etmaal direct zonlicht tussen 19 feb en 21 okt

Strengere norm: ten minste 3 uur per etmaal direct zonlicht tussen 21 jan en 22 nov

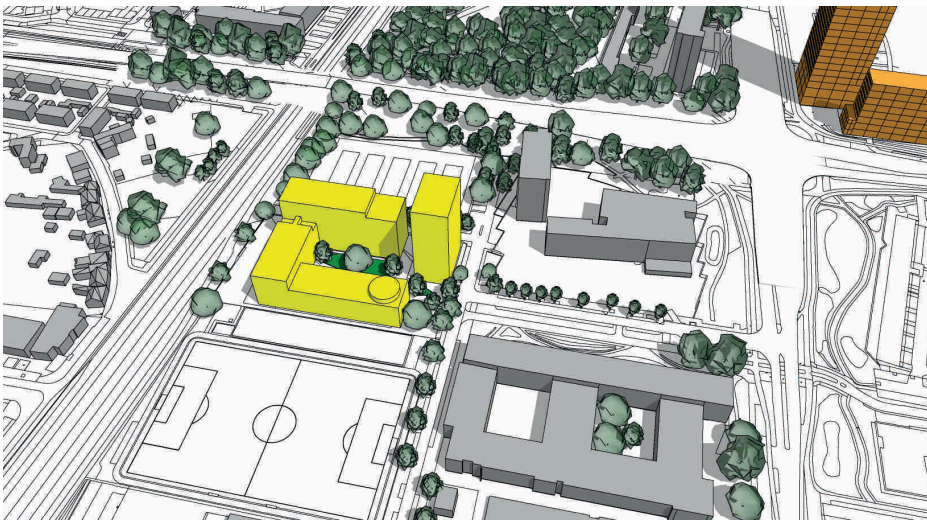
meetpunt is midden van de vensterbank, binnenzijde glas, 75cm boven vloerpeil.

Data en tijdstippen van meting

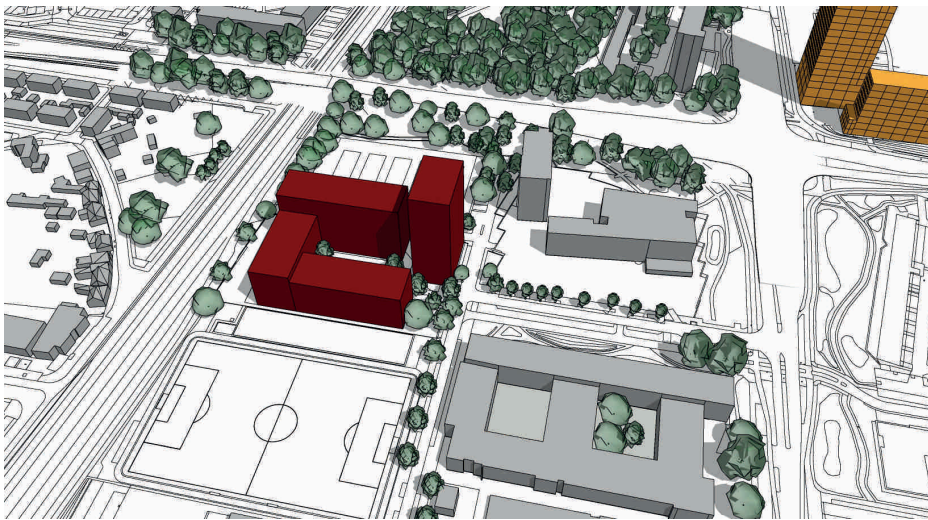
		09:00	11:00	13:00	15:00	17:00	19:00
strengere norm	21-jan	X	X	X	X		
lichte norm	19-feb	X	X	X	X		
zon op hoogste punt	21-jun	X	X	X	X	X	X
lichte norm	21-okt	X	X	X	X		
strengere norm	22-nov	X	X	X	X		



1. bestaande situatie



2. nieuwe situatie



3. maximaal conform bestemmingsplan

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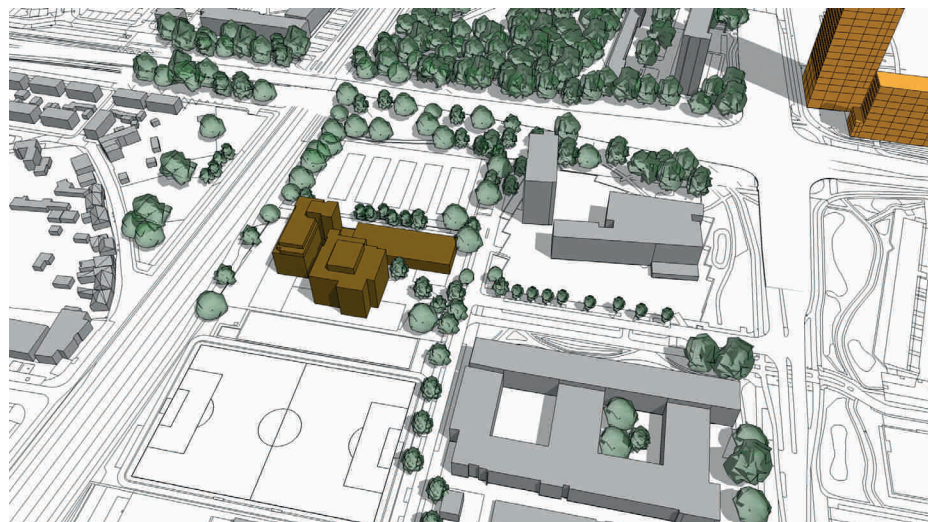
Conclusies

Bestaande en nieuwe situatie en de variant maximaal conform bestemmingsplan - *voldoen aan strenge norm*

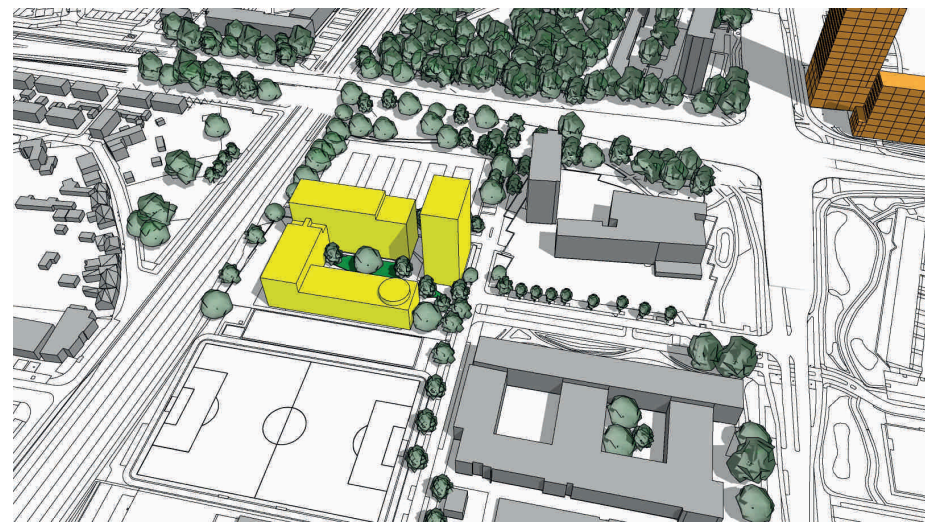
In de bestaande en nieuwe situatie en bij de variant maximaal conform bestemmingsplan vormt de bebouwing van Reitseplein 15 geen grote belemmering voor de bebouwing aan de noordzijde van het spoor. Er wordt voldaan aan de strenge norm: meer dan 3 uur direct zonlicht per etmaal, tussen 21 januari en 22 november.

Door de nieuwbouw van Reitseplein ontstaat er alleen voor de woning aan de Bokhamerstraat nr. 45 t/m 53 mogelijk enkele momenten per dag meer belemmering. Vooral in de ochtend op de gemeten dagen 21 januari en 22 november zorgt de bebouwing voor belemmering van direct zonlicht.

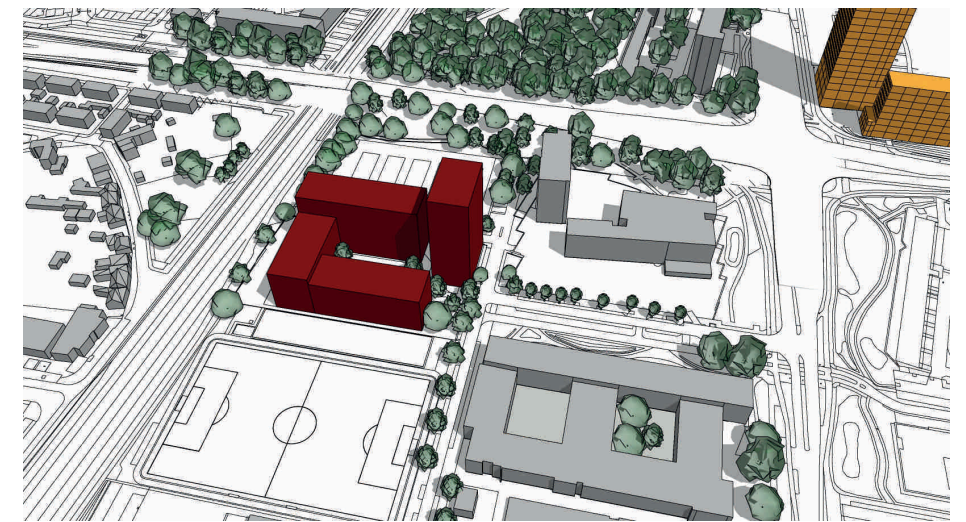
Duidelijk is dat de nieuwbouw van Reitseplein geen negatieve invloed heeft op omgevende bebouwing betreft belemmering en schaduwvorming.



1. bestaande situatie



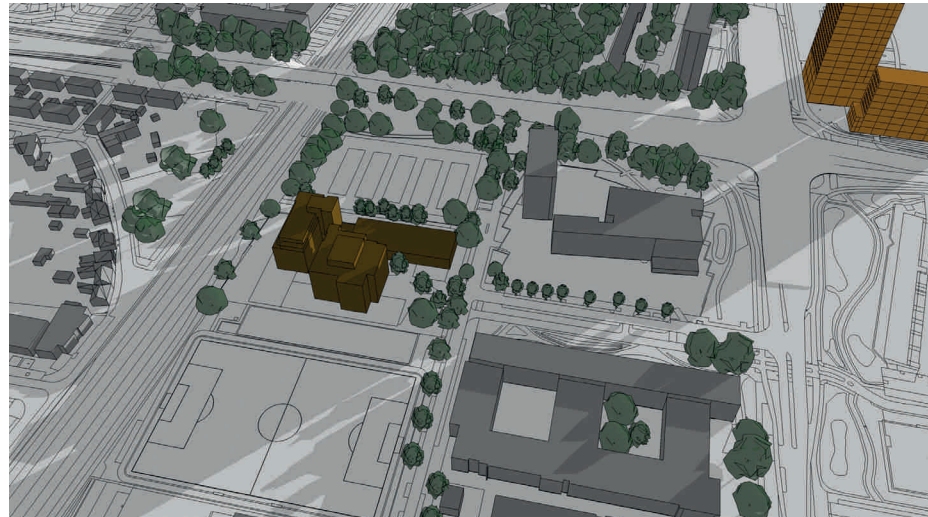
2. nieuwe situatie



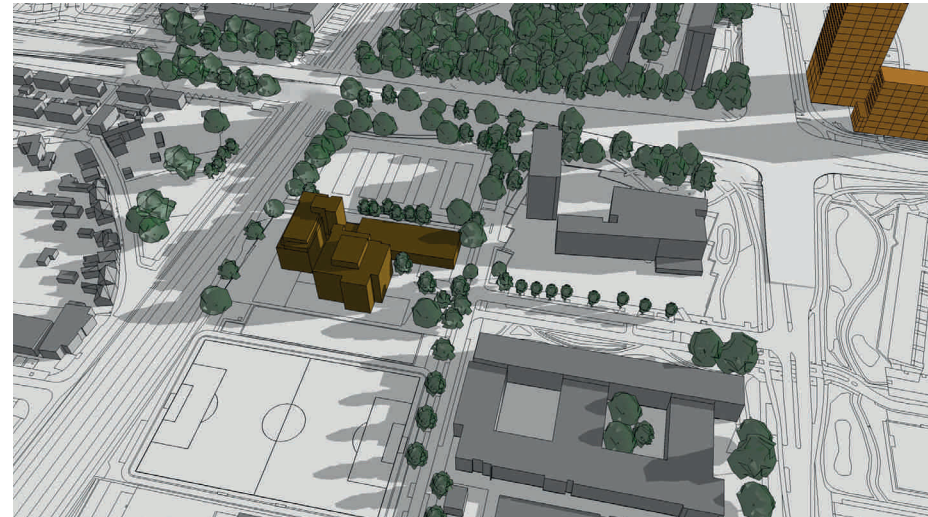
3. maximaal conform bestemmingsplan

1. zonnestudie - bestaande situatie

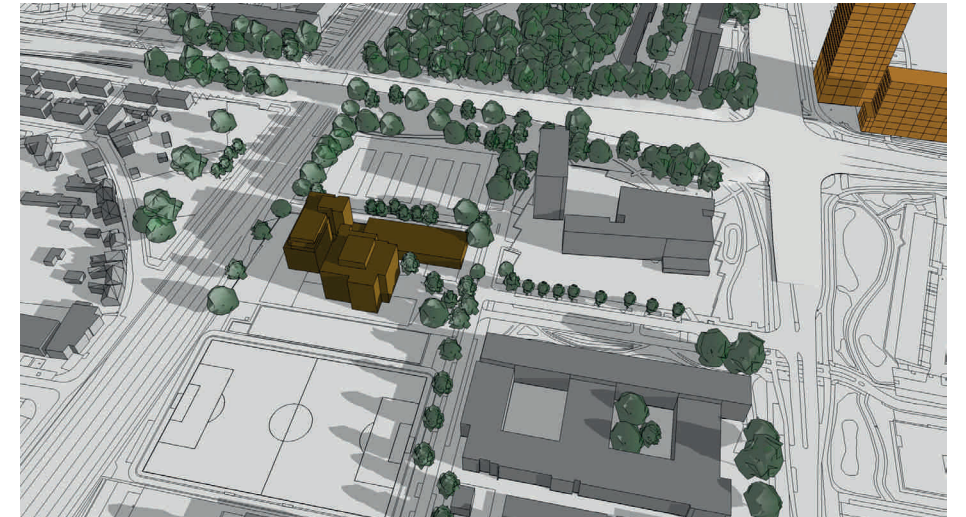
21 januari



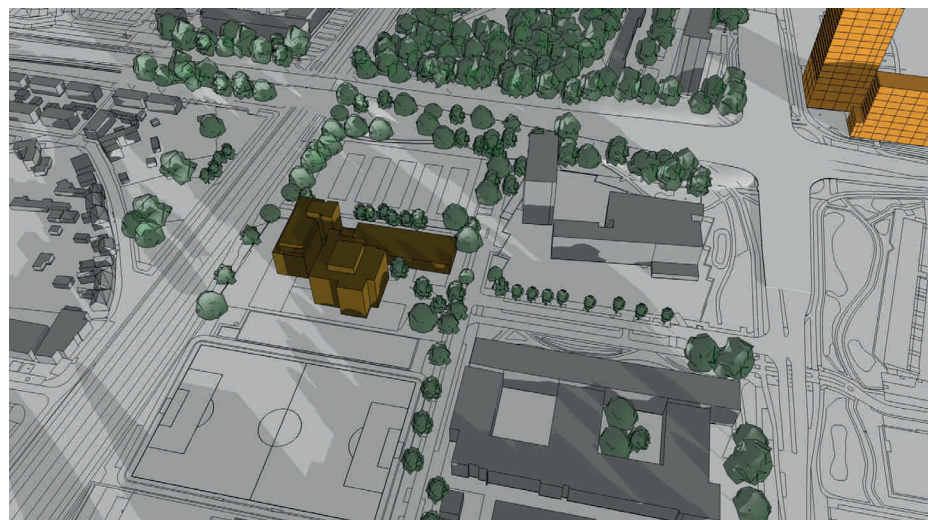
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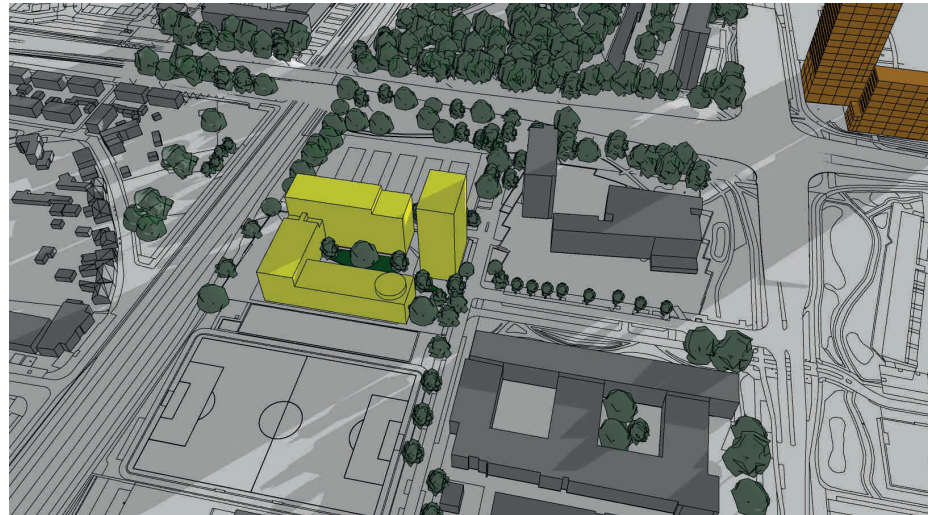
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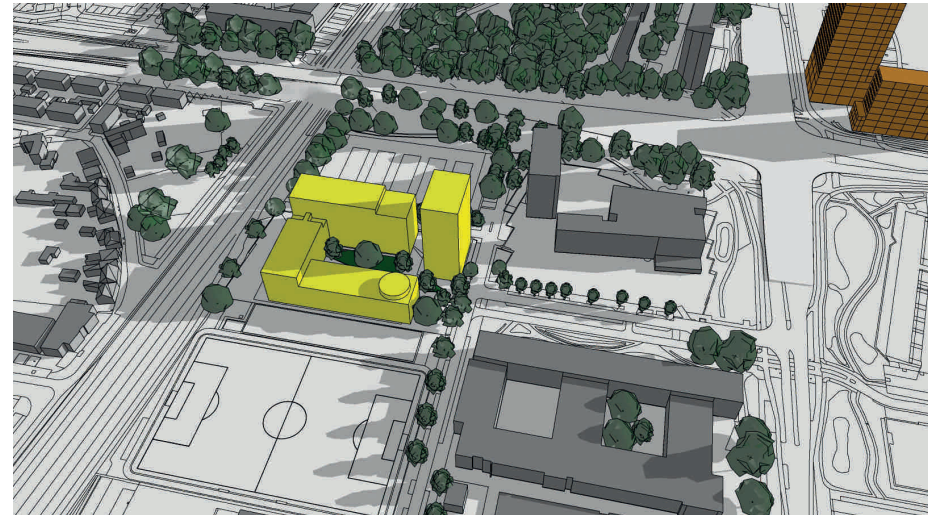
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2. zonnestudie - nieuwe situatie

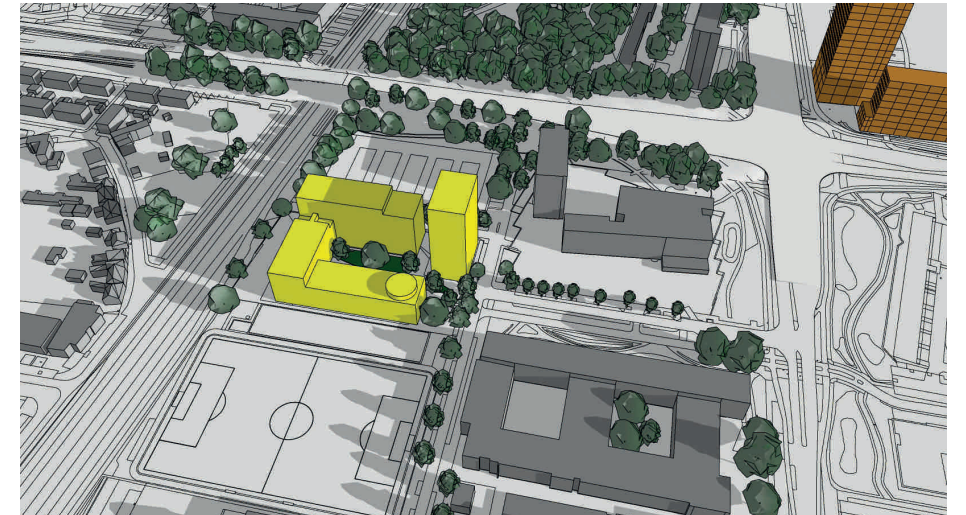
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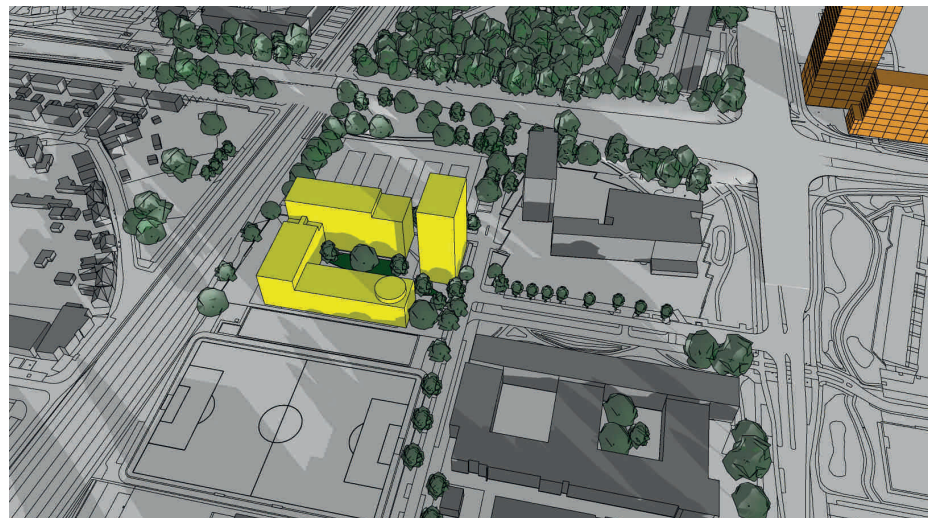
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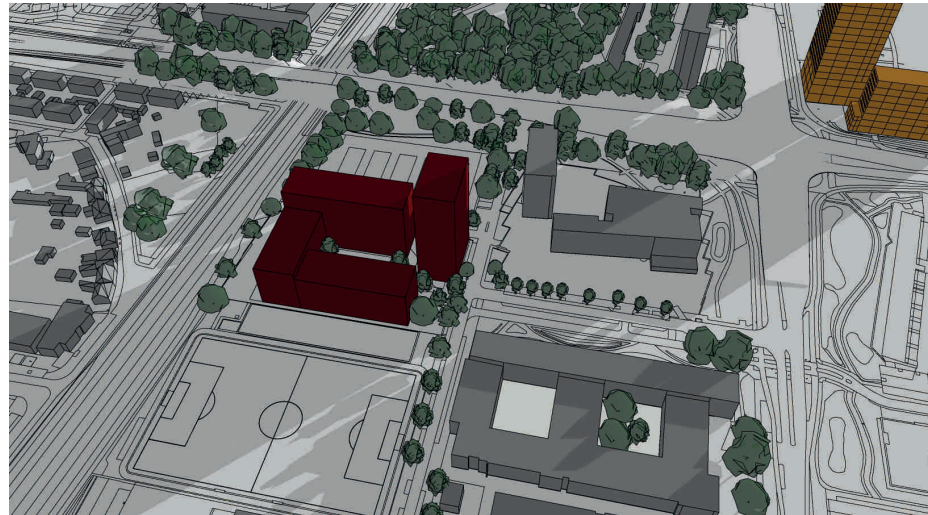
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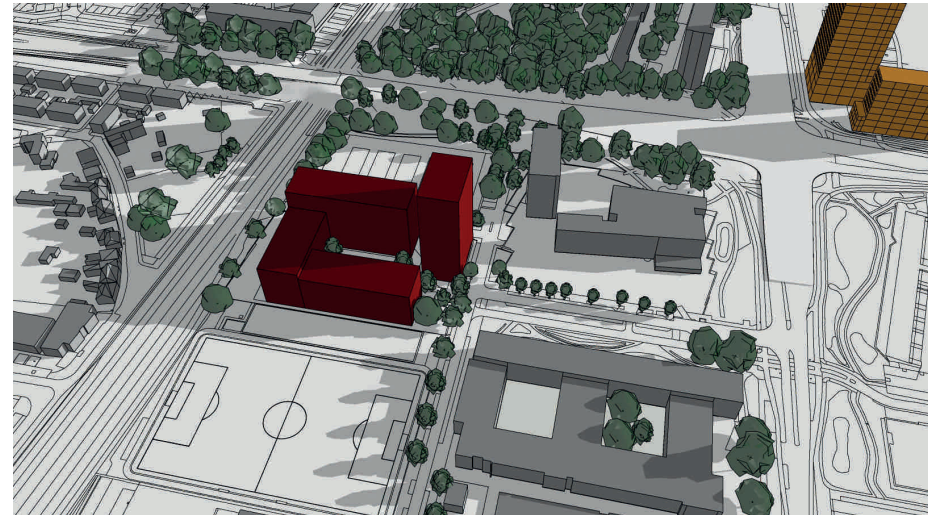
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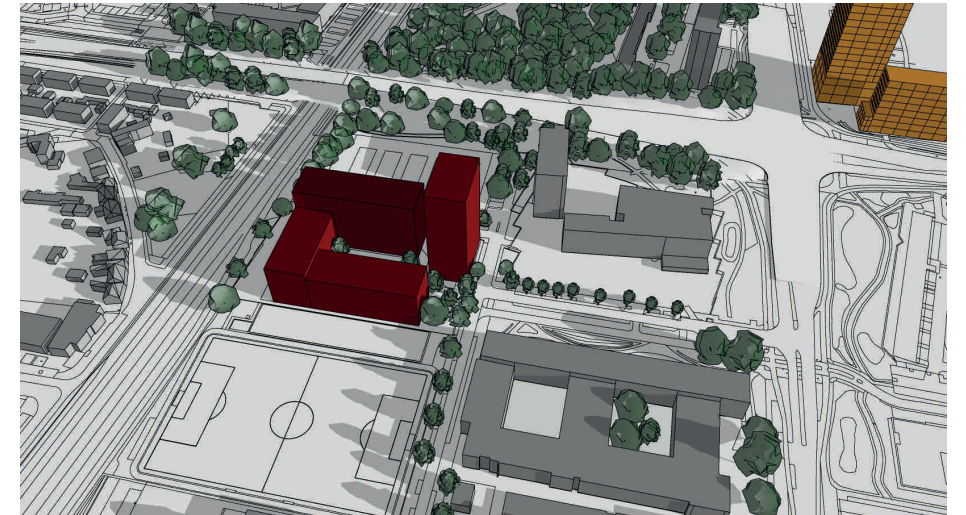
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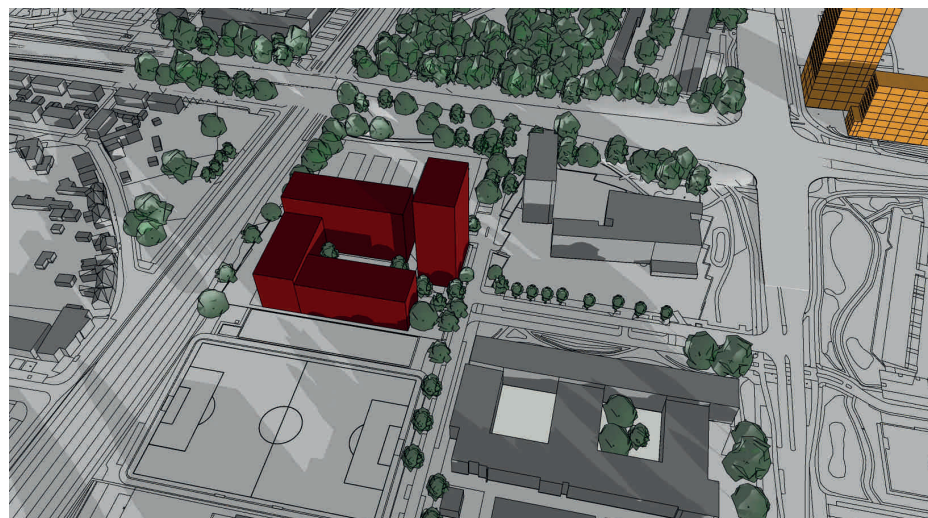
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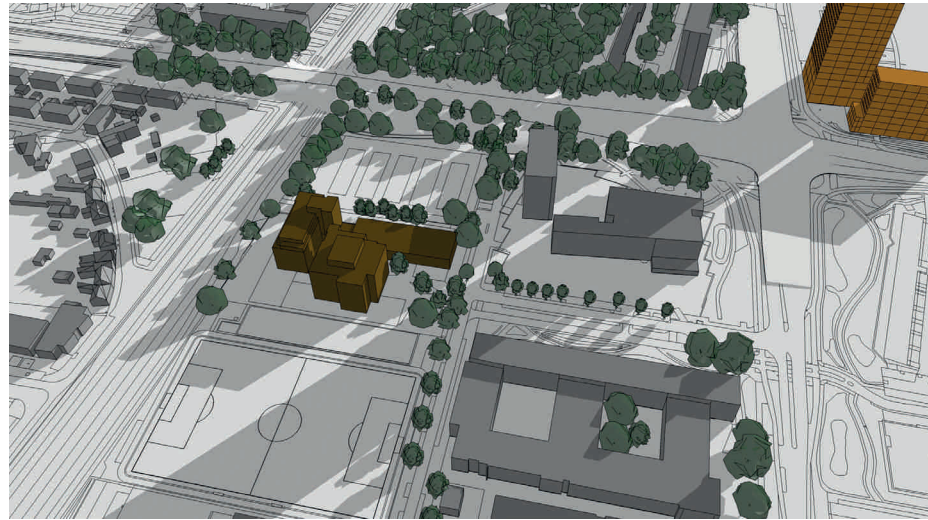
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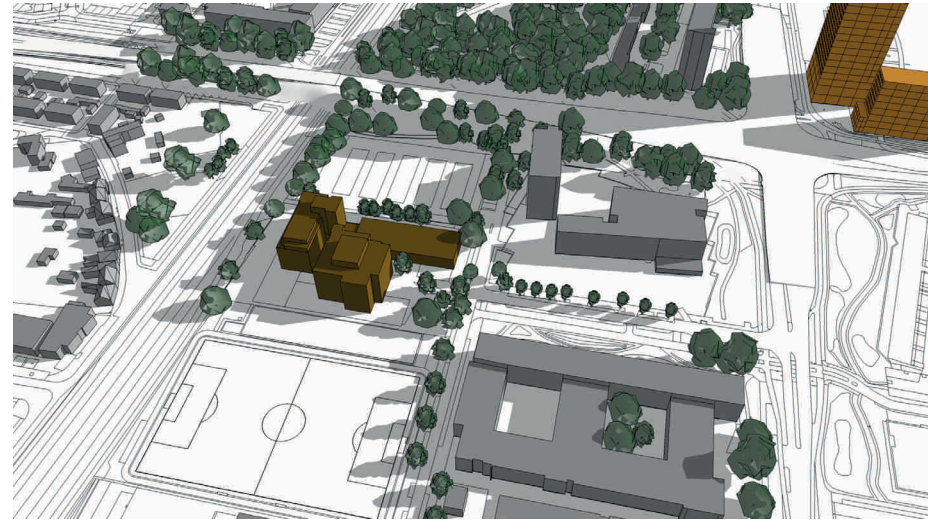
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1. zonnestudie - bestaande situatie

19 februari



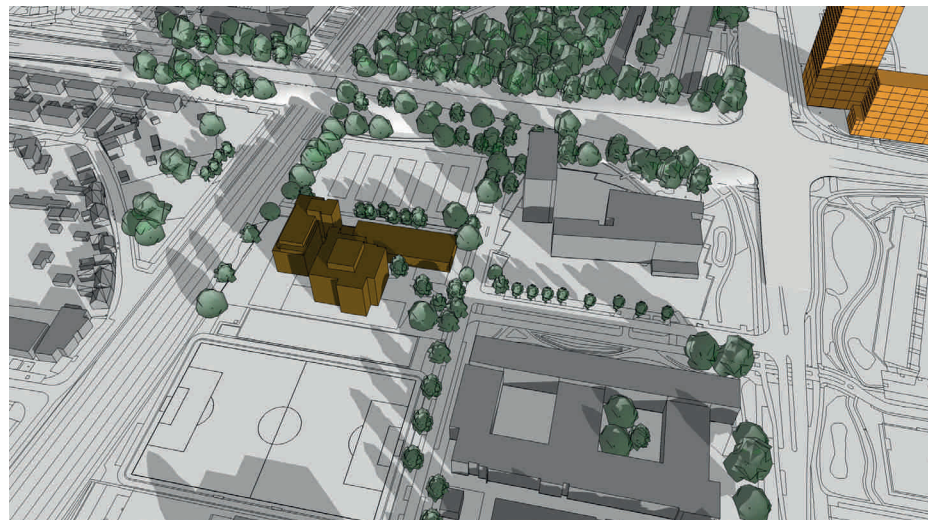
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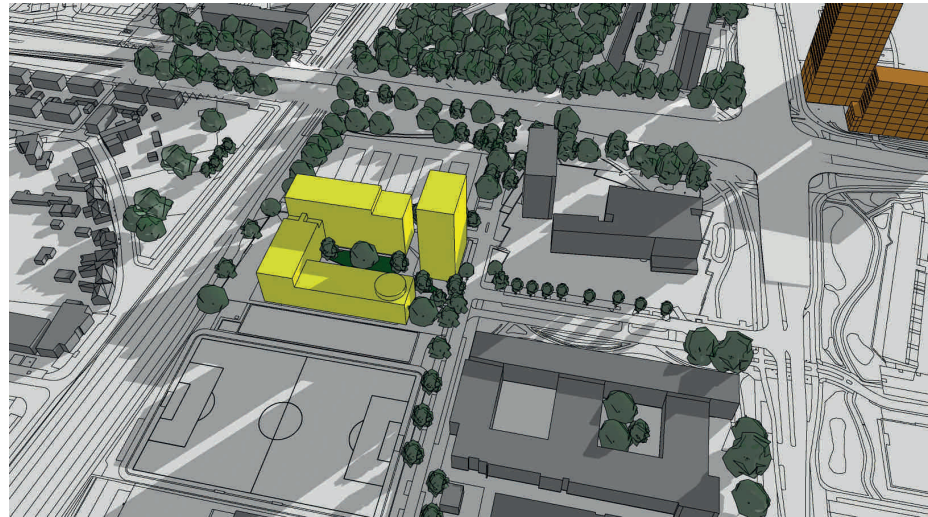
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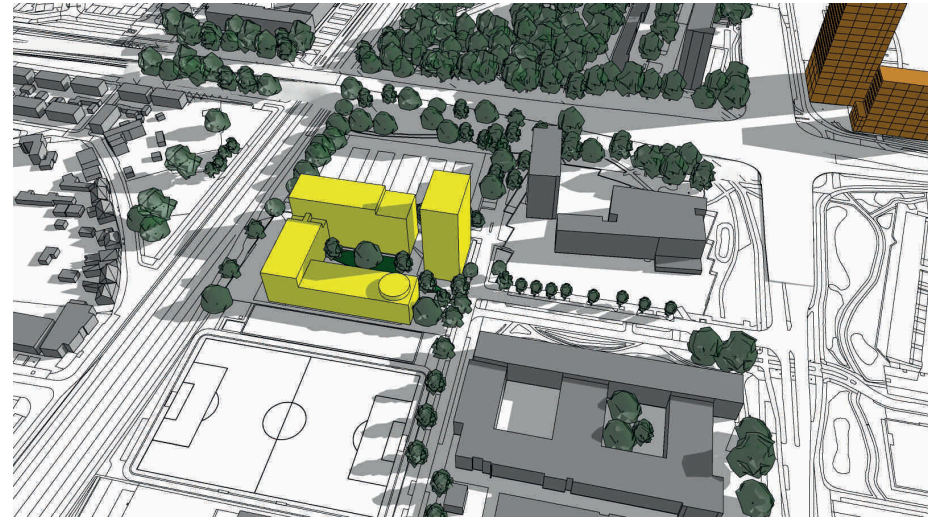
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2. zonnestudie - nieuwe situatie

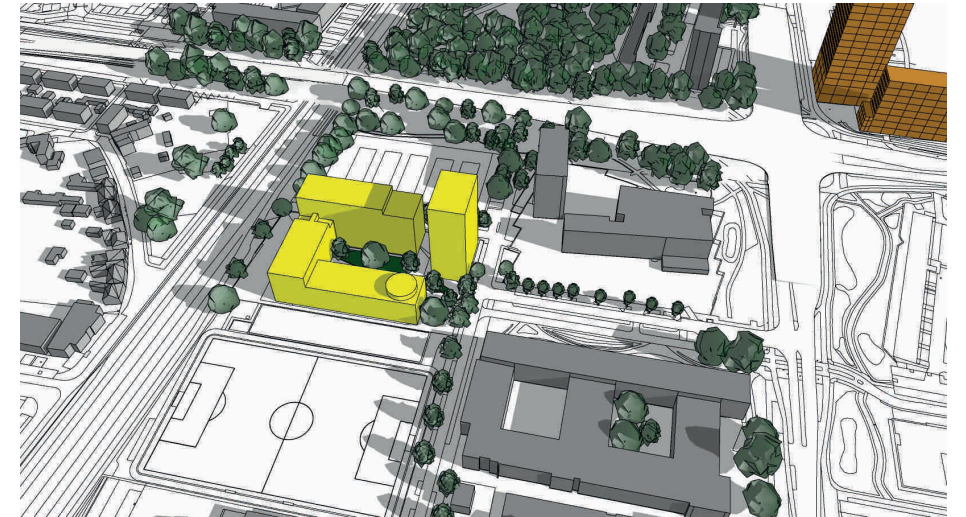
19 februari



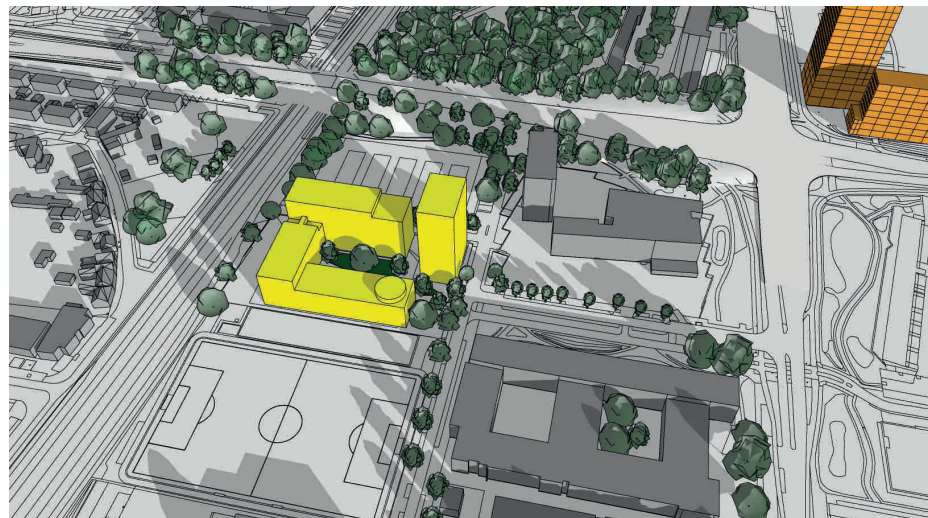
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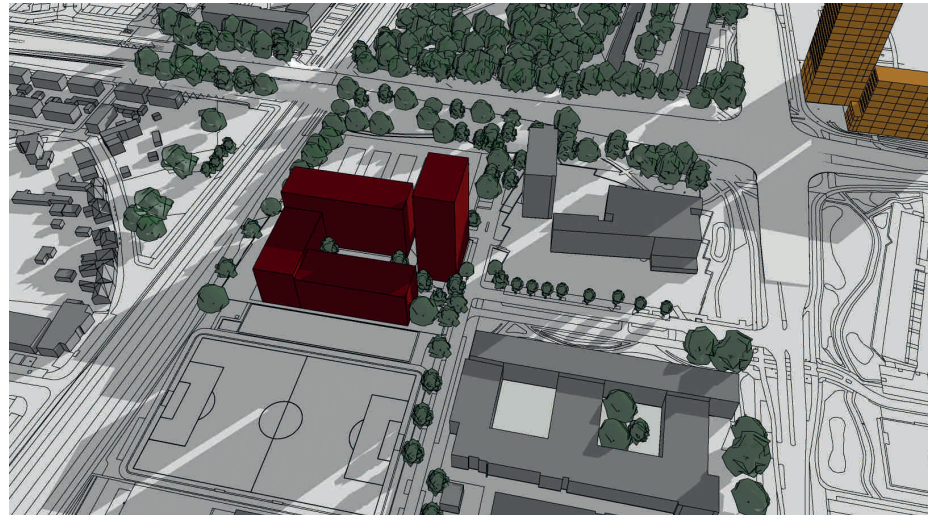
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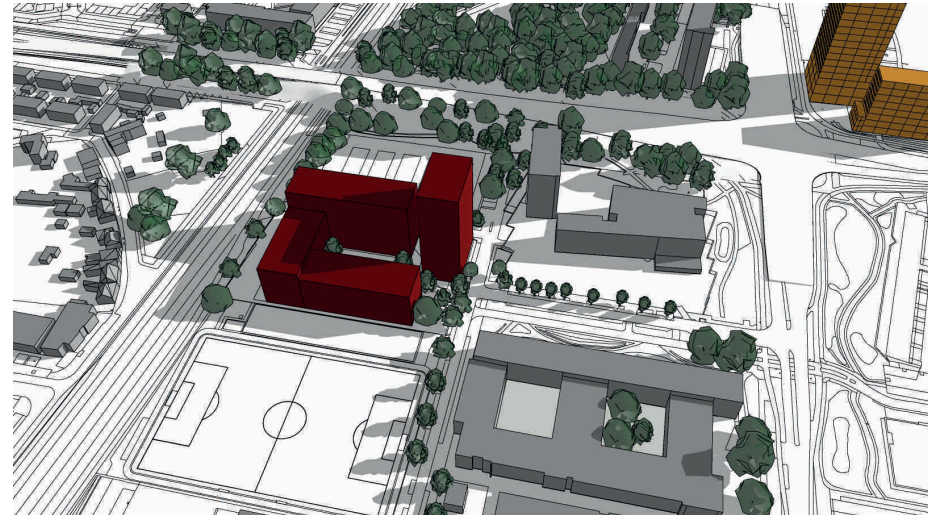
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3. zonnestudie - maximaal conform bestemmingsplan

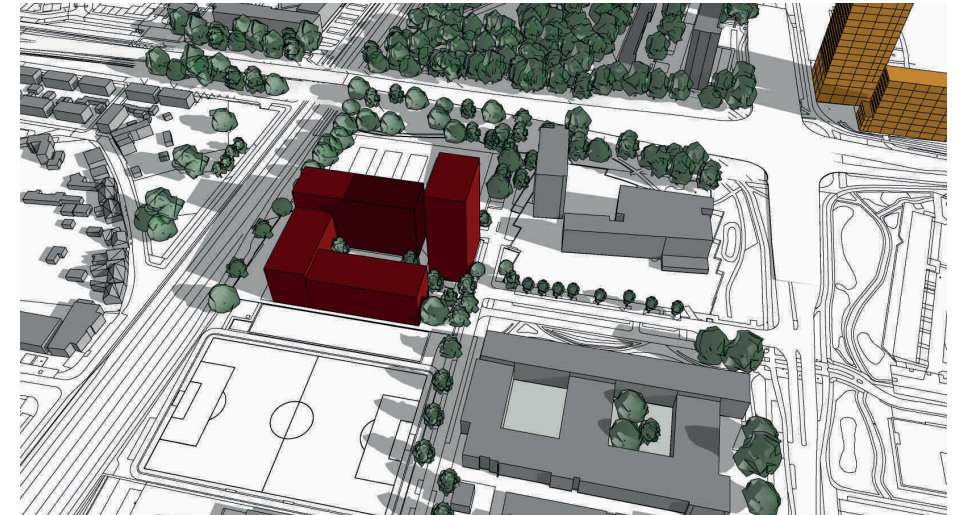
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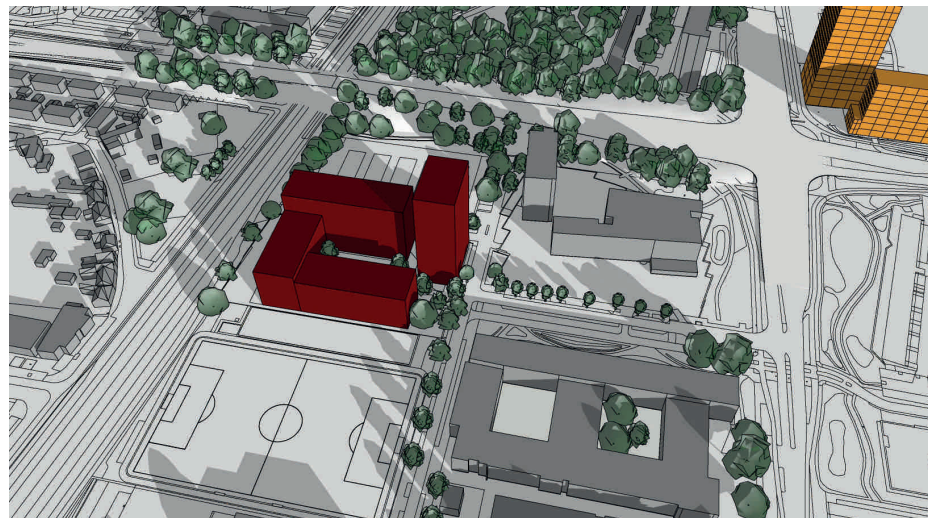
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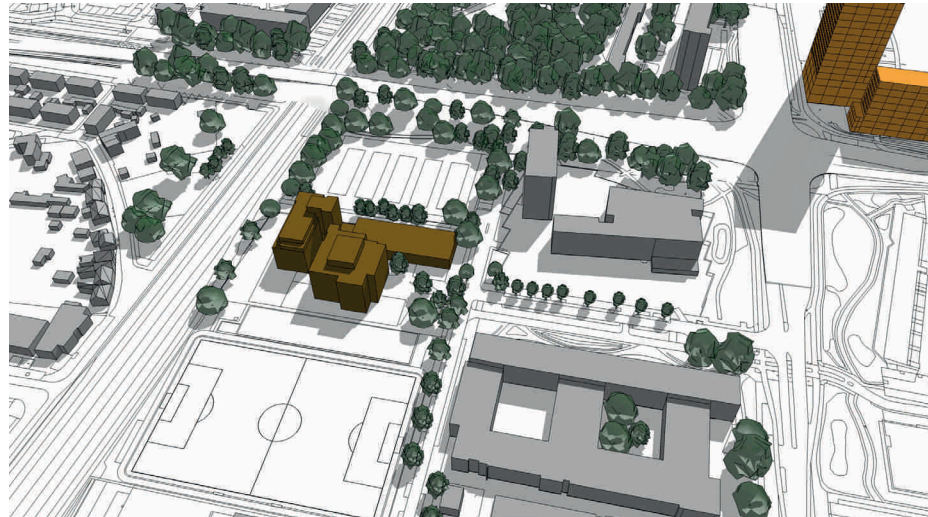
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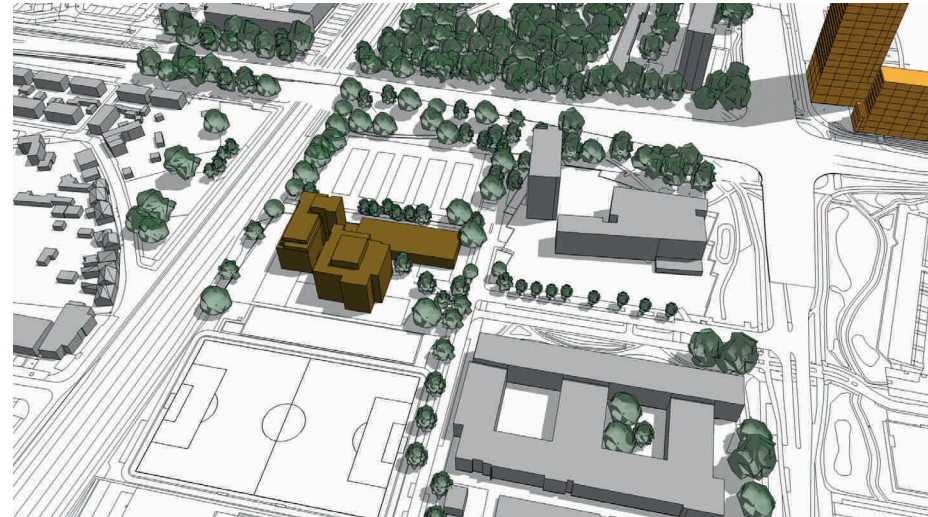
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1. zonnestudie - bestaande situatie

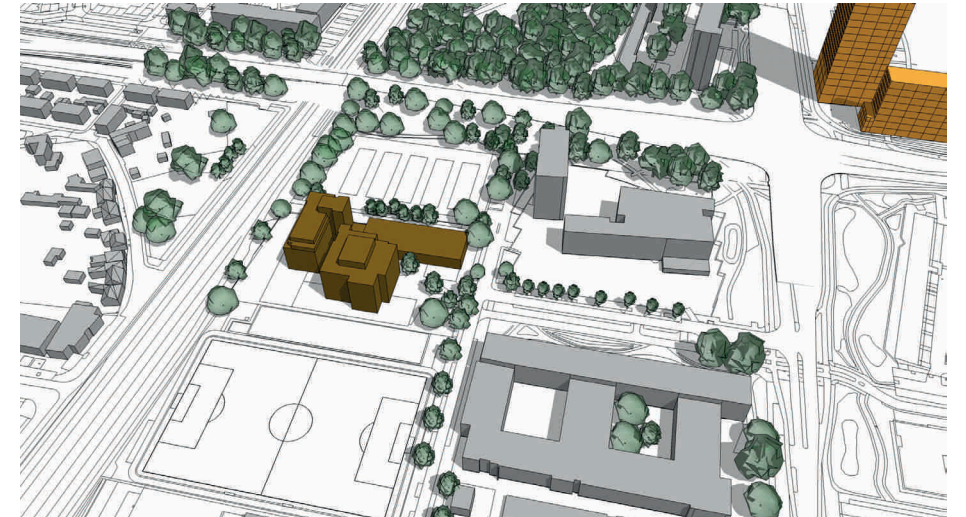
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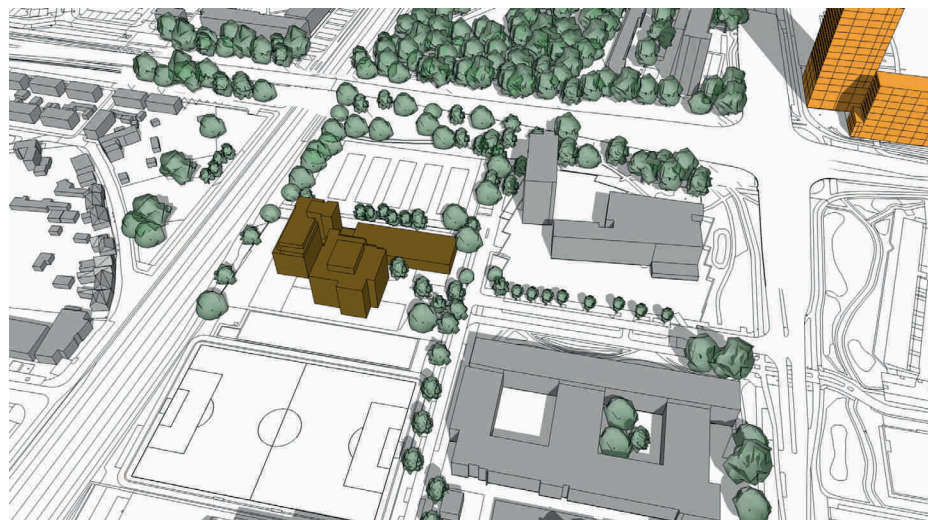
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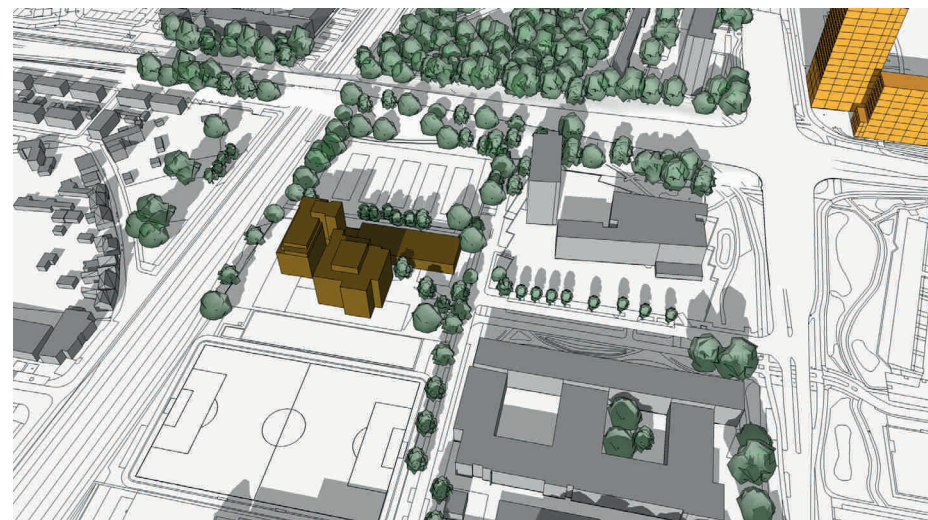
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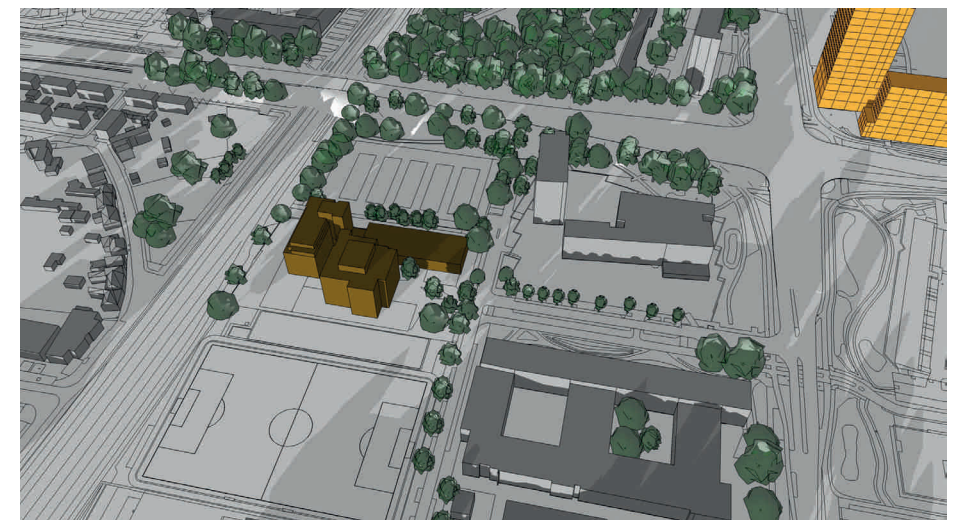
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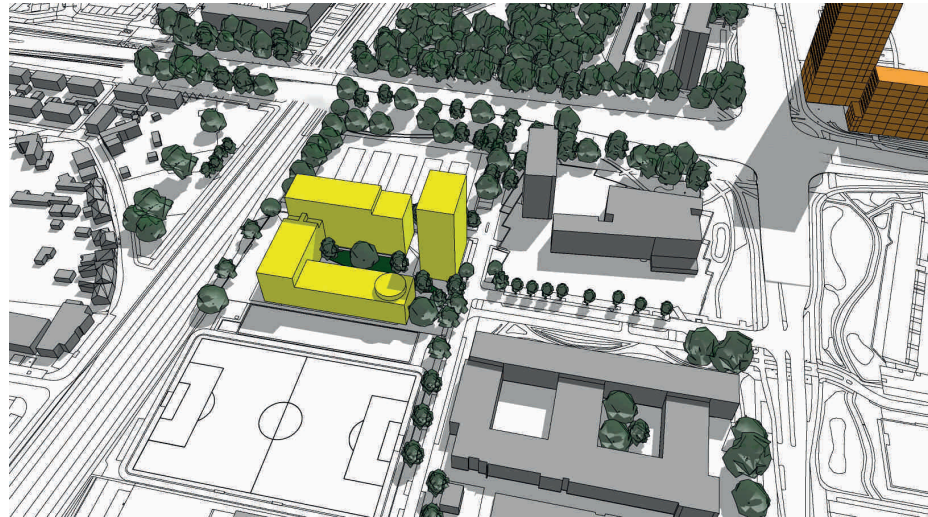
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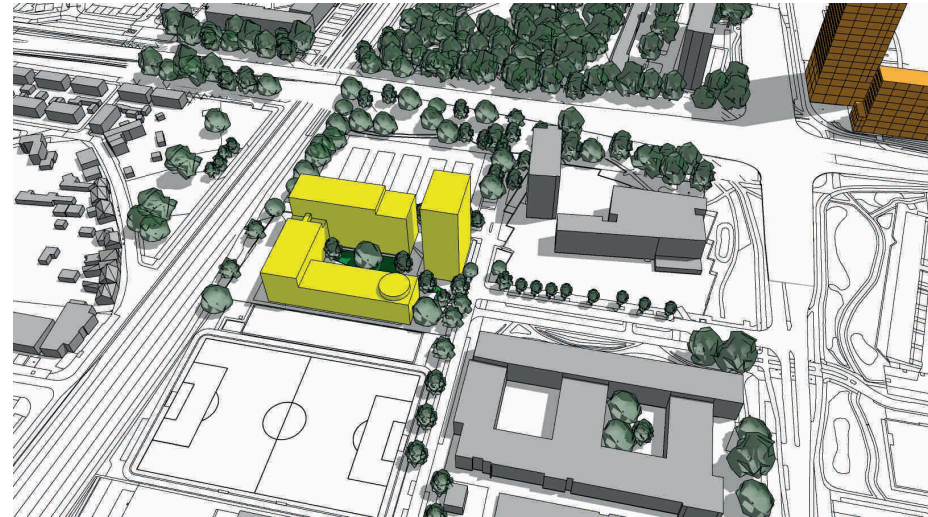
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2. zonnestudie - nieuwe situatie

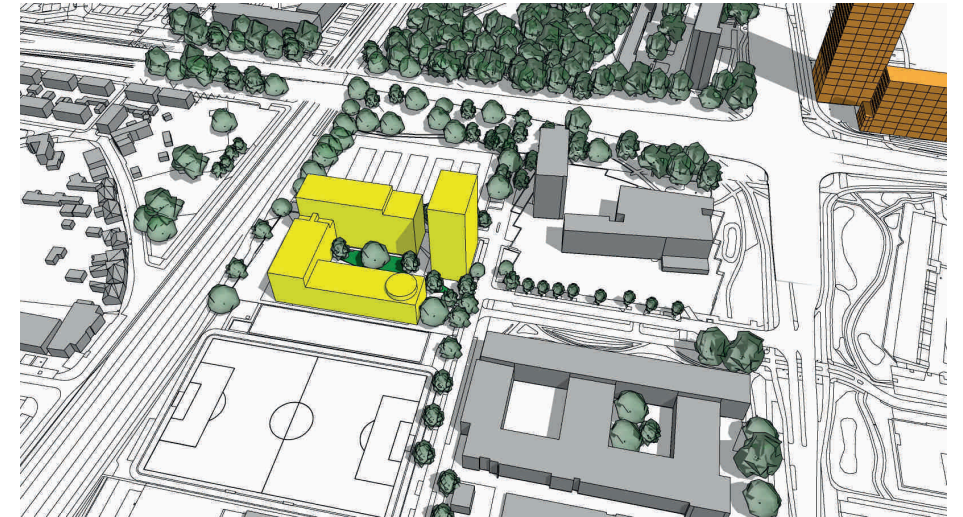
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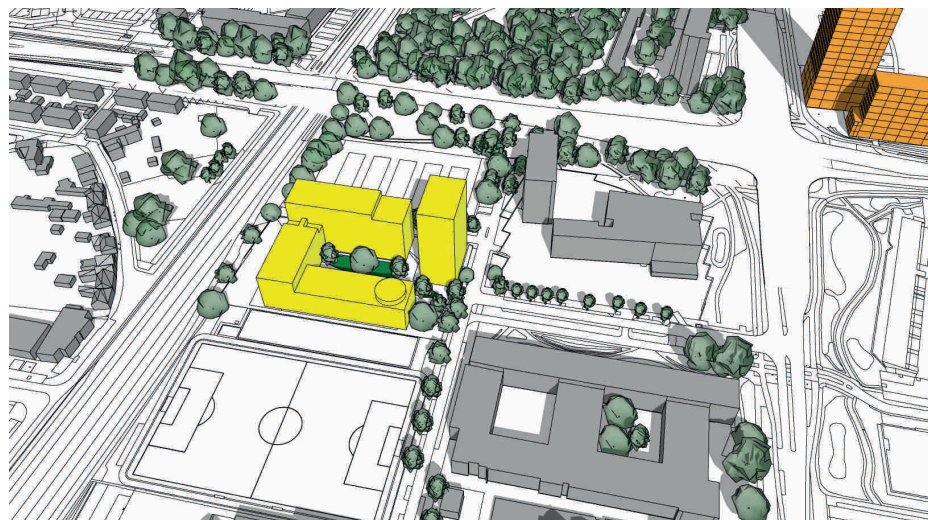
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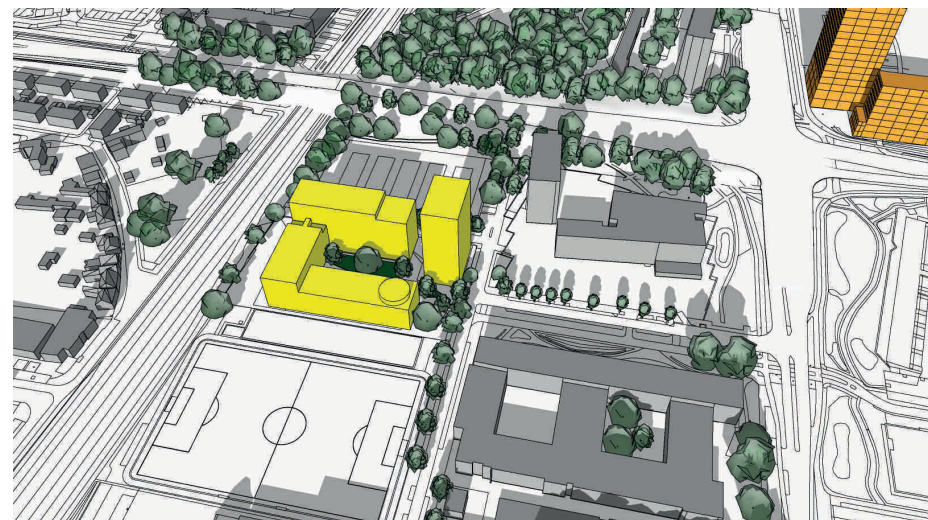
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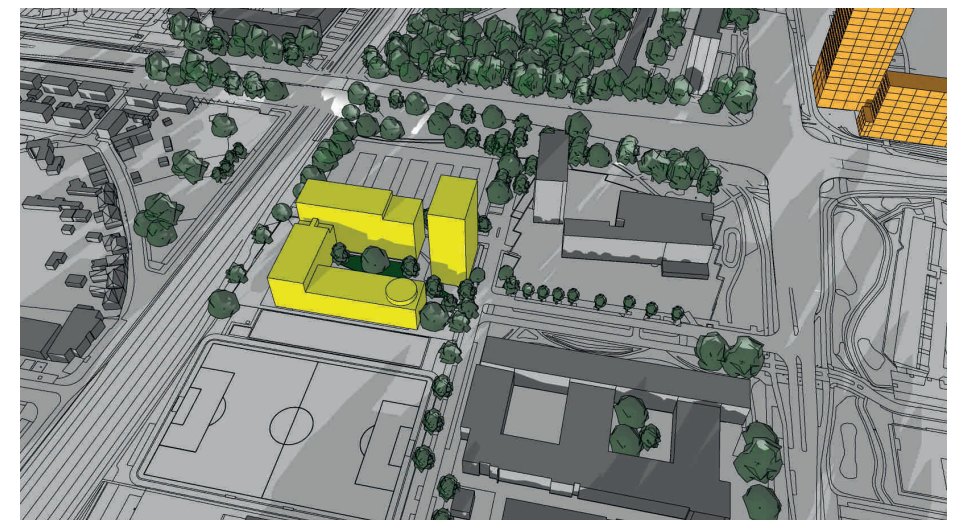
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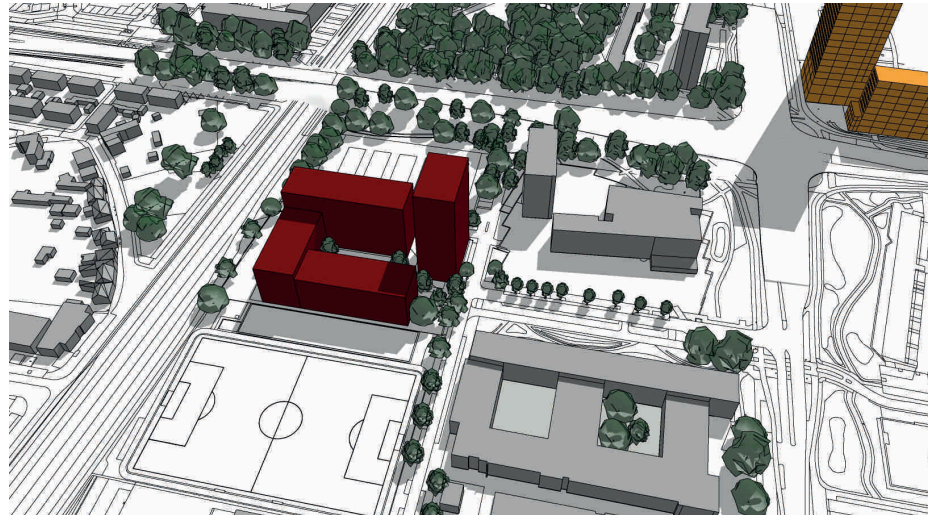
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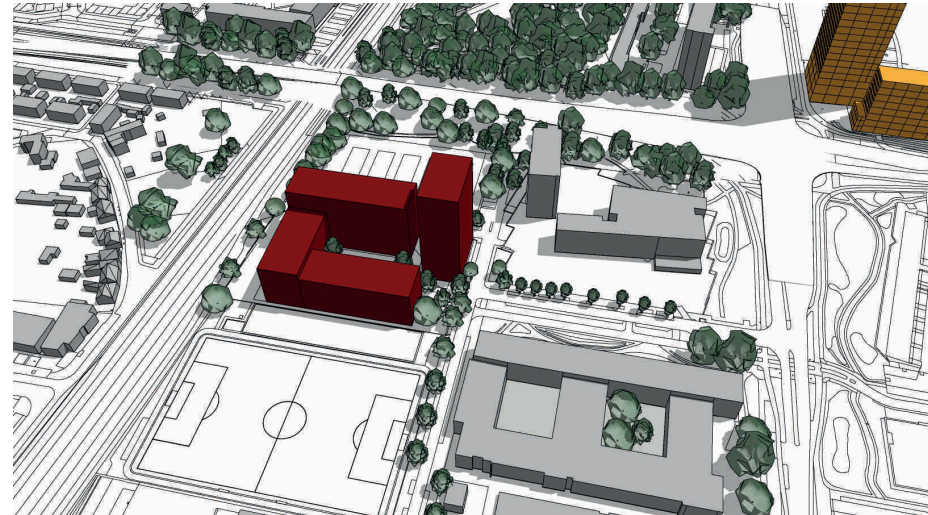
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3. zonnestudie - maximaal conform bestemmingsplan

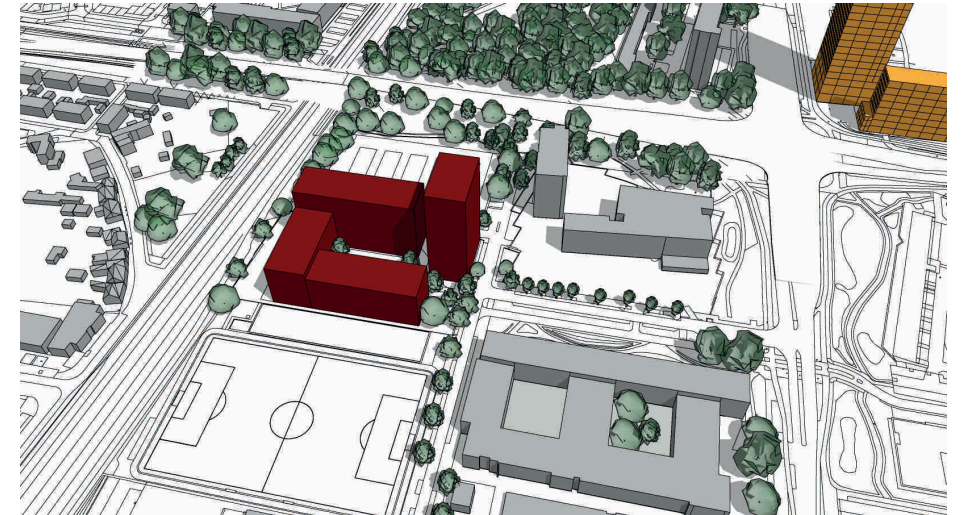
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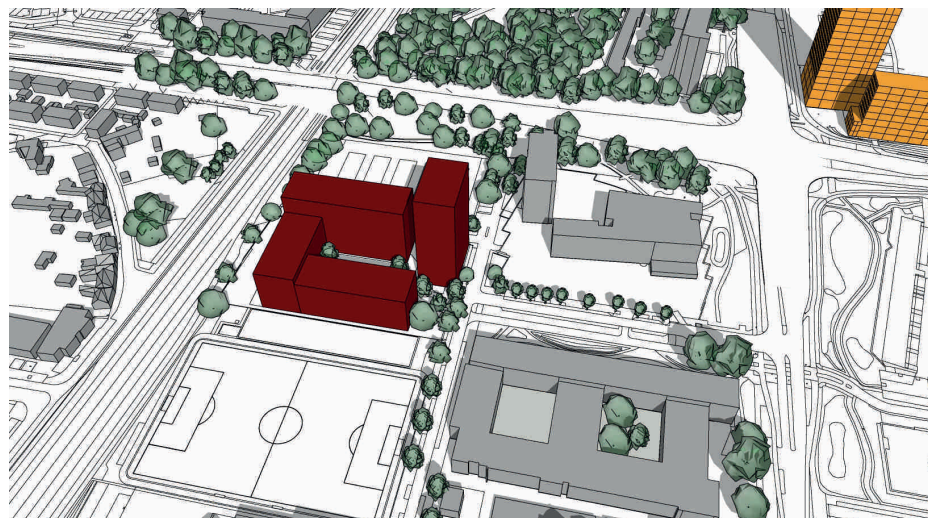
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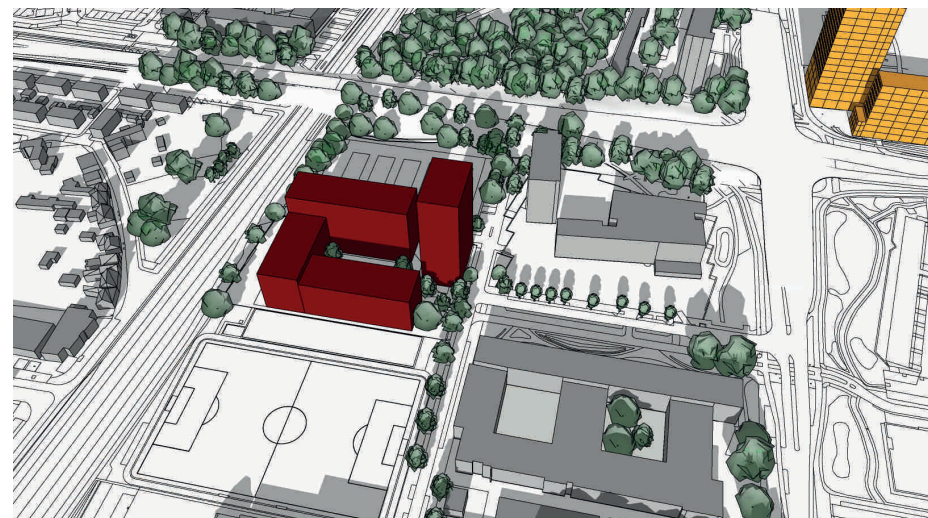
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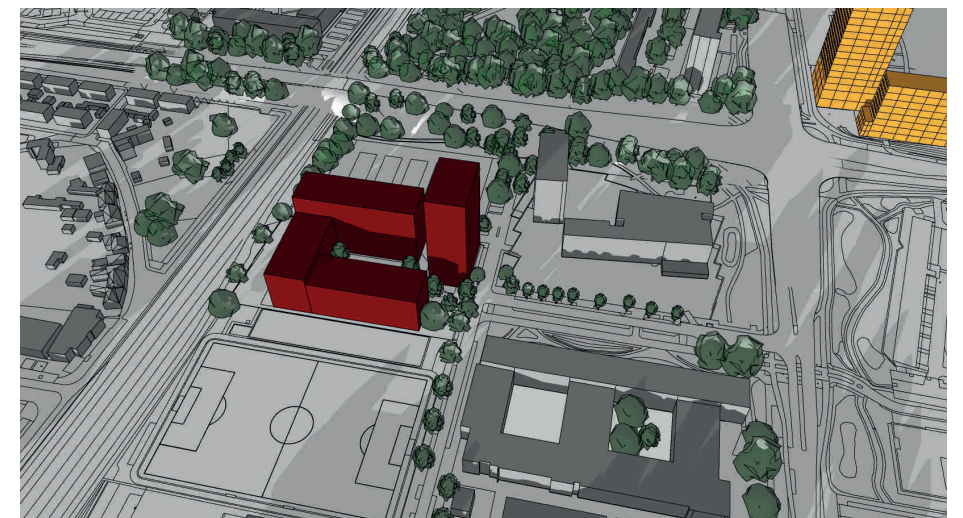
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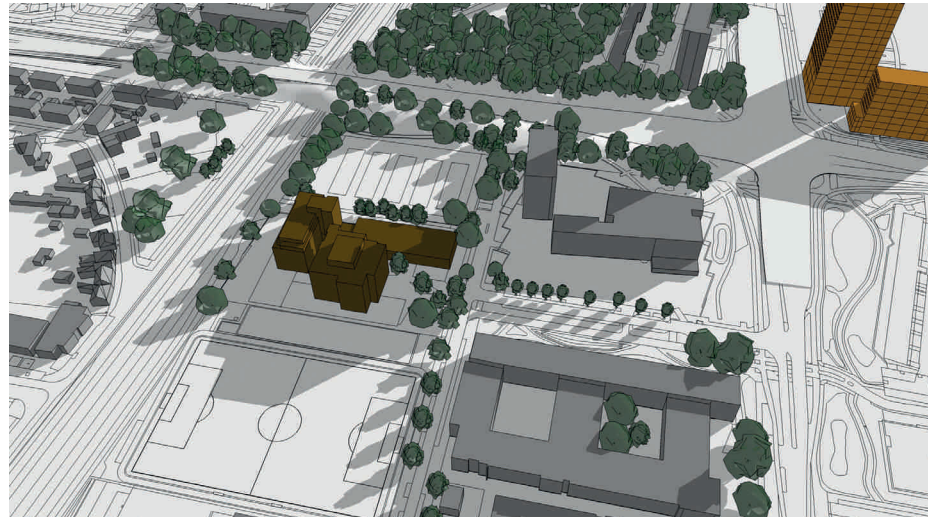
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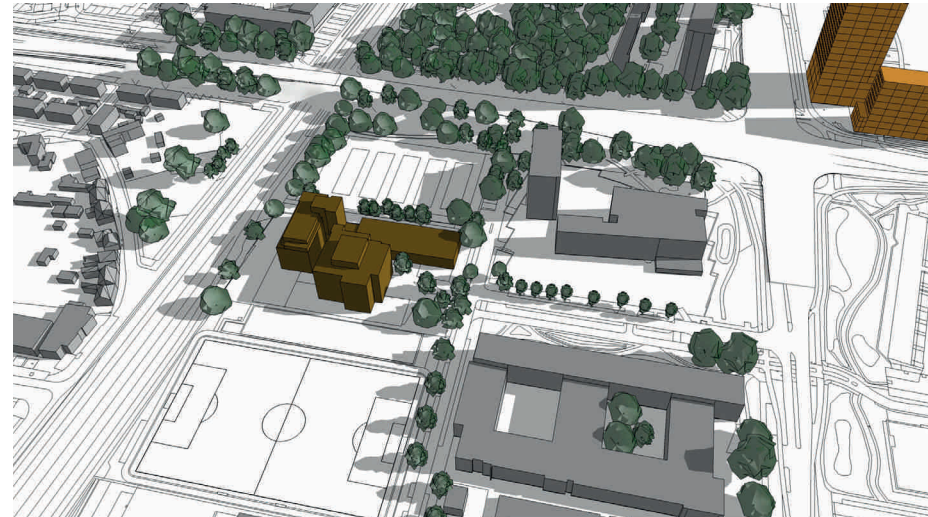
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1. zonnestudie - bestaande situatie

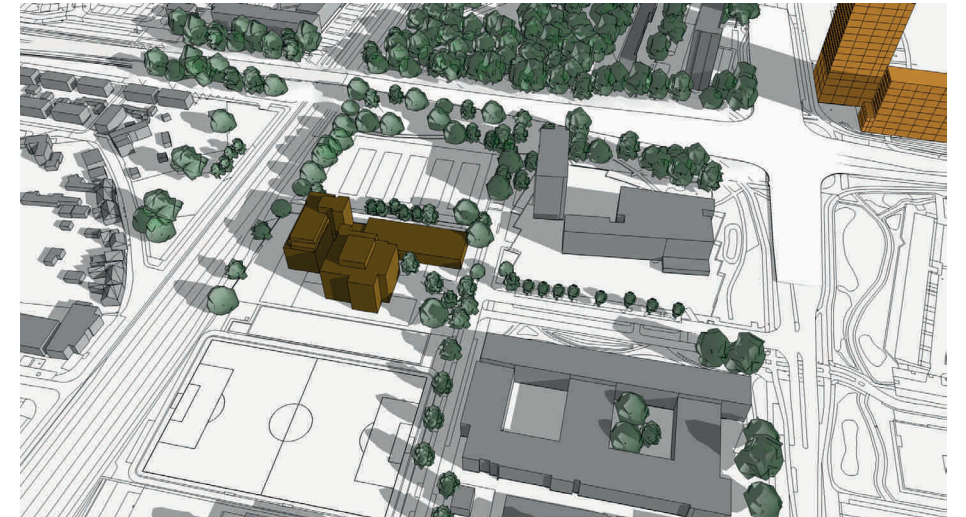
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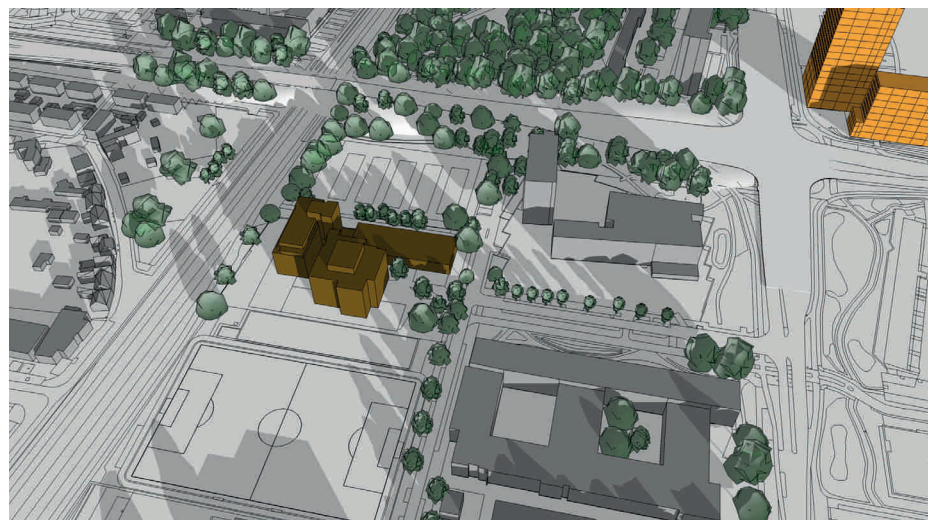
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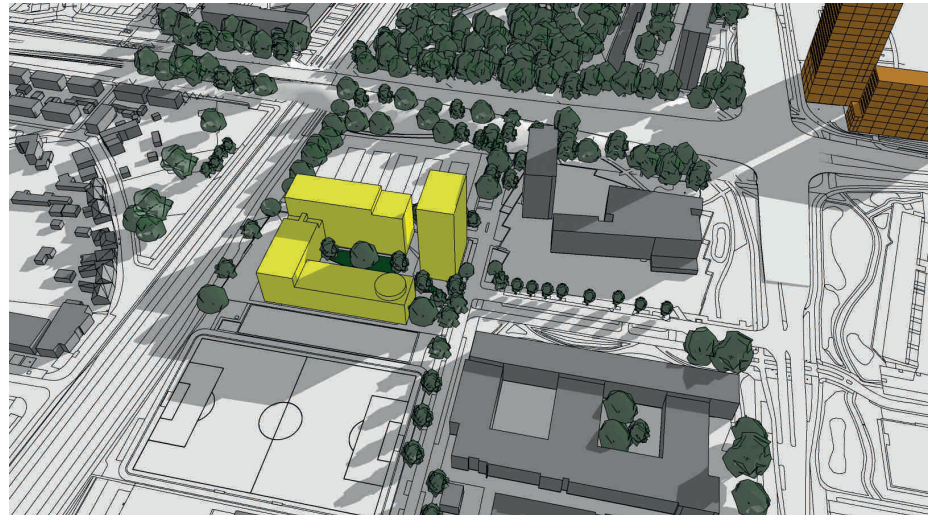
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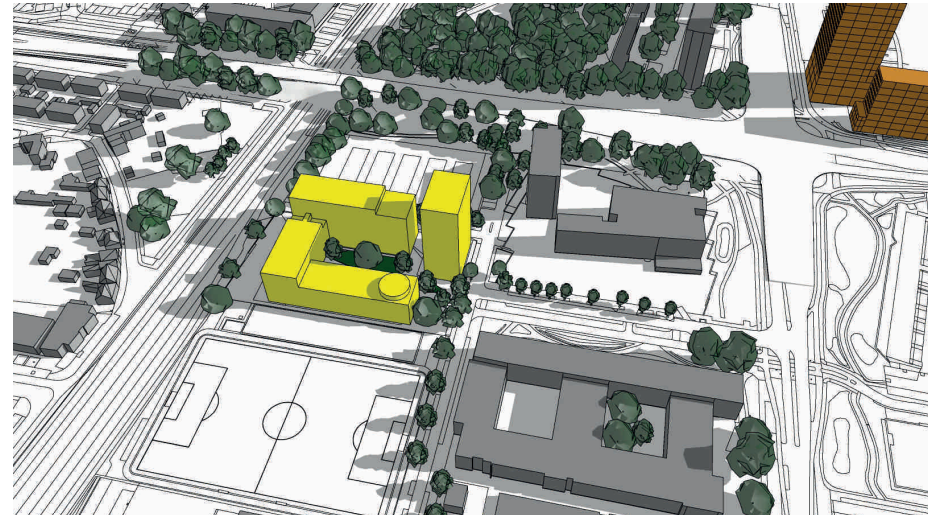
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2. zonnestudie - nieuwe situatie

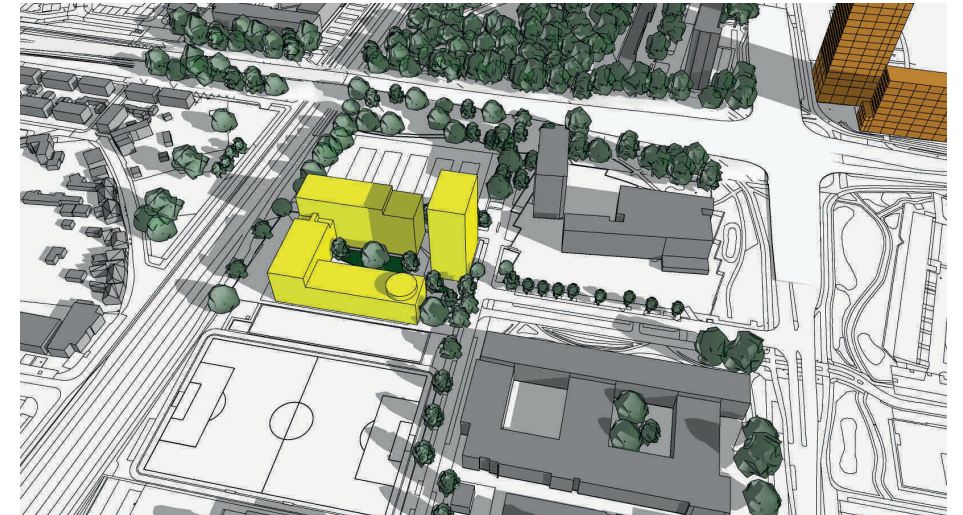
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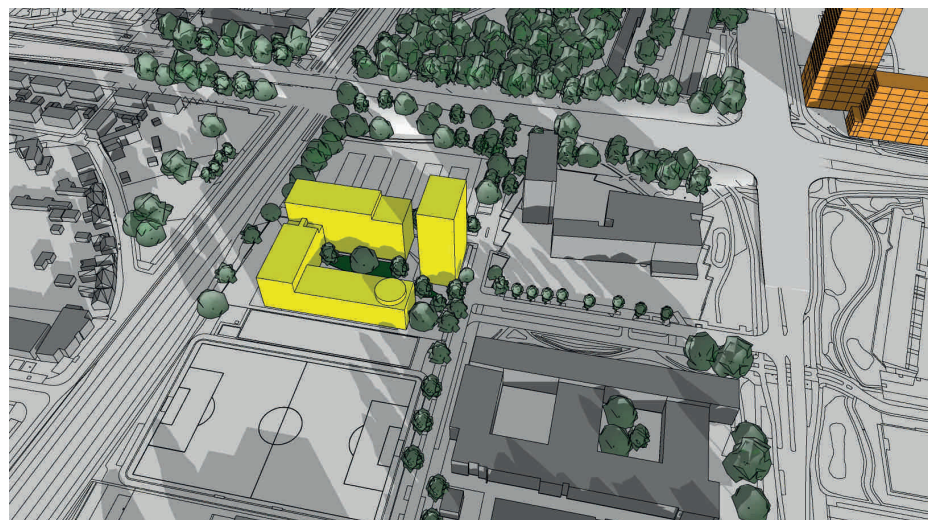
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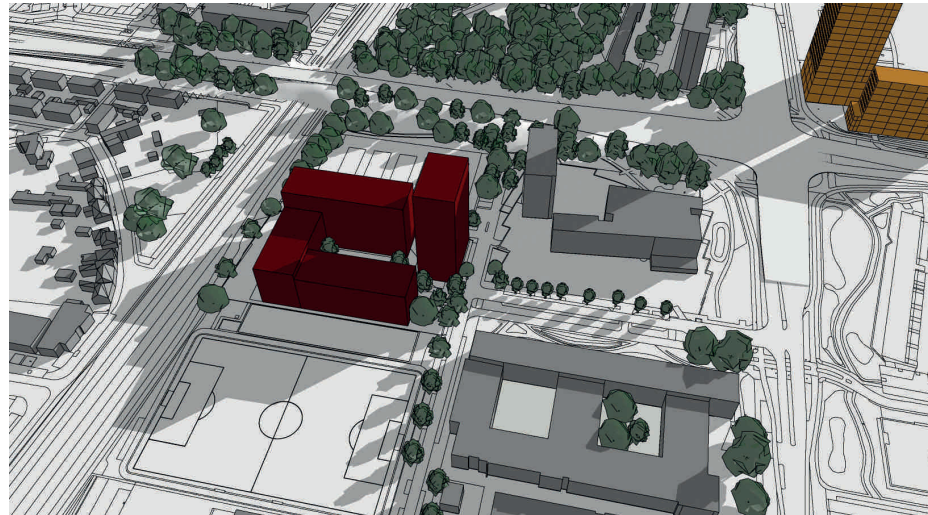
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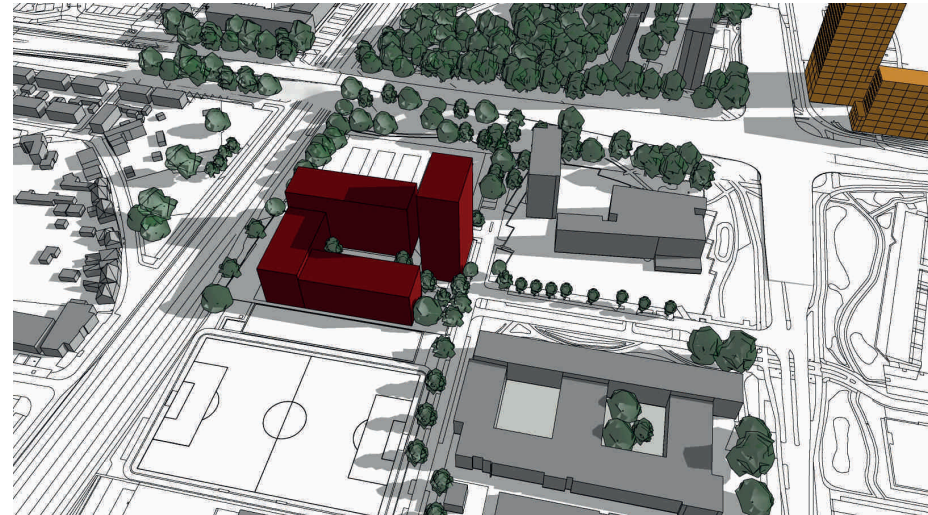
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3. zonnestudie - maximaal conform bestemmingsplan

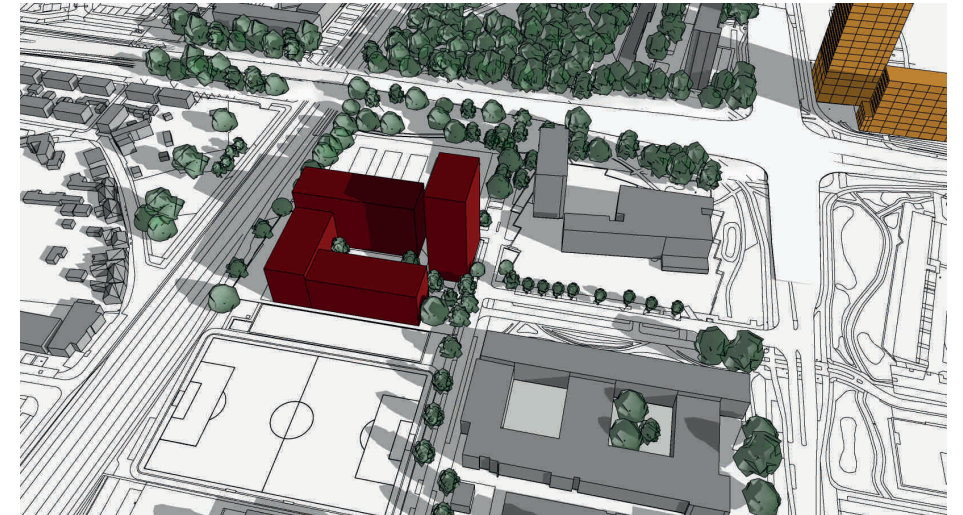
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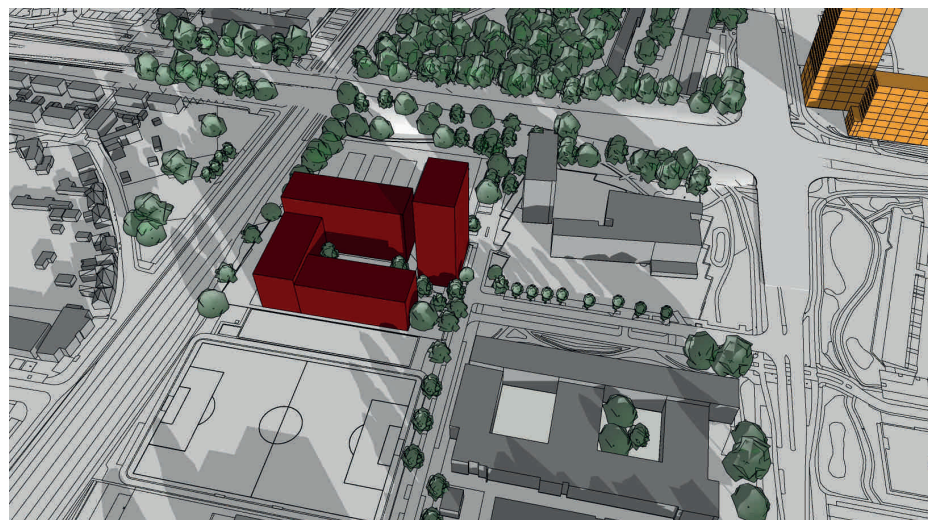
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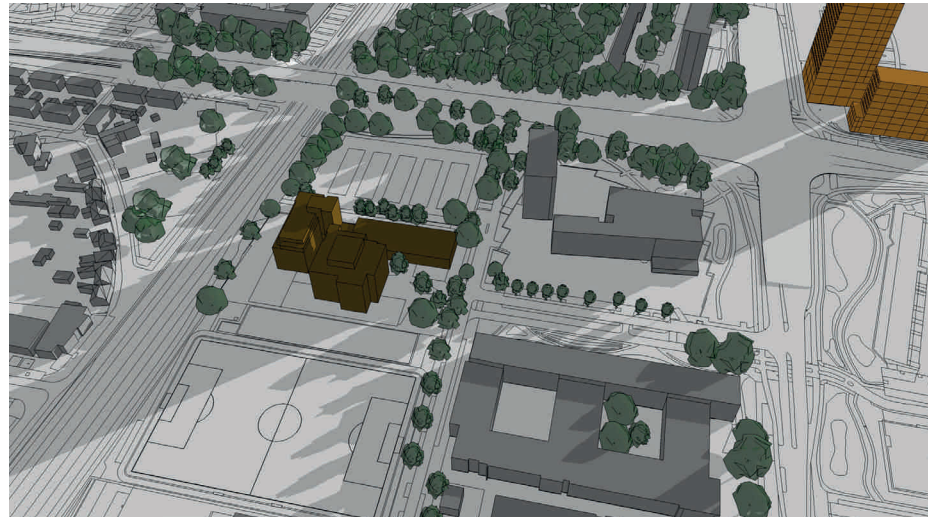
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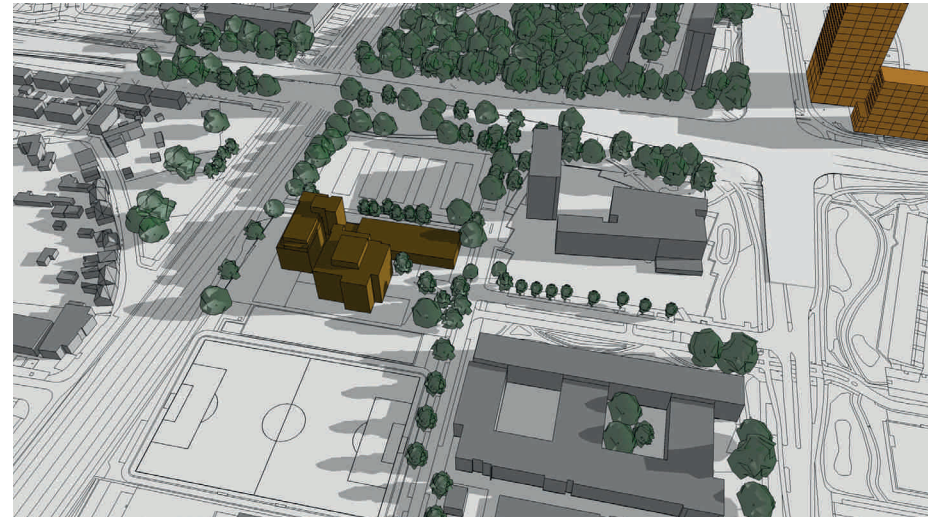
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1. zonnestudie - bestaande situatie

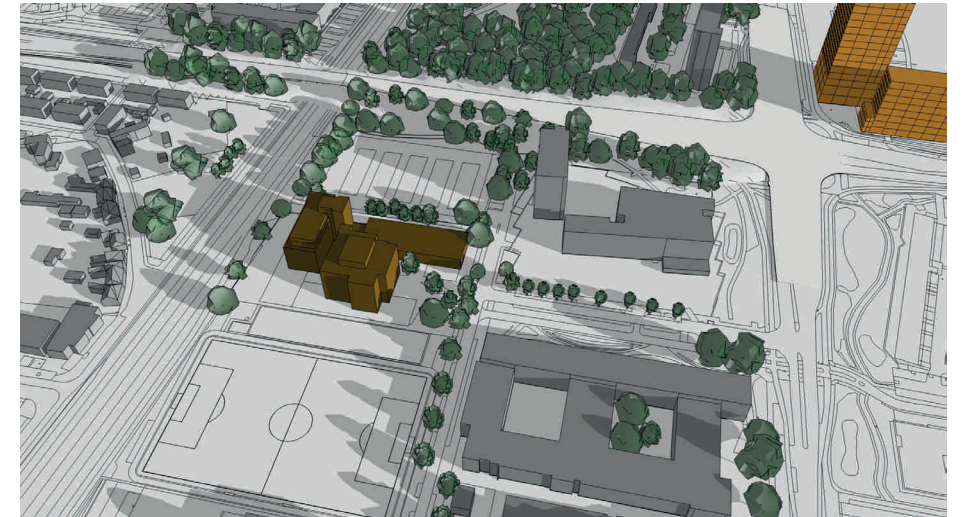
22 november



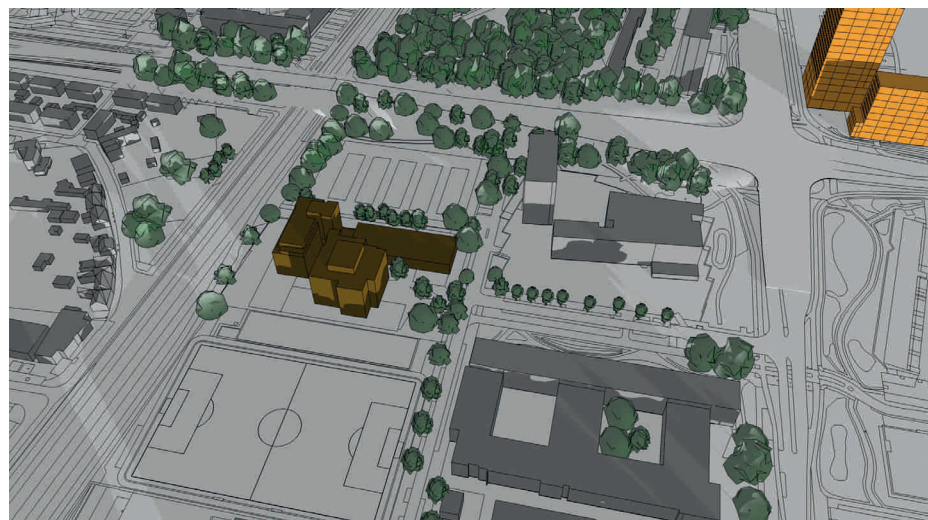
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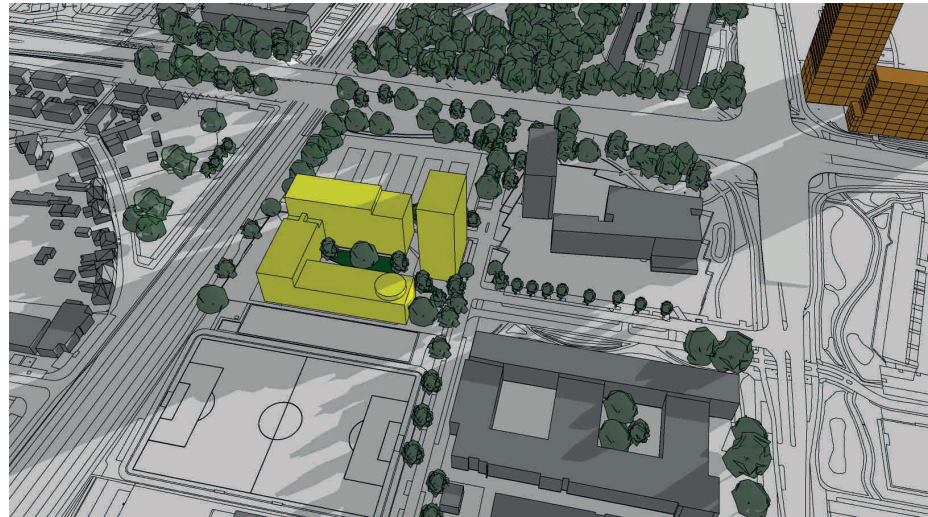
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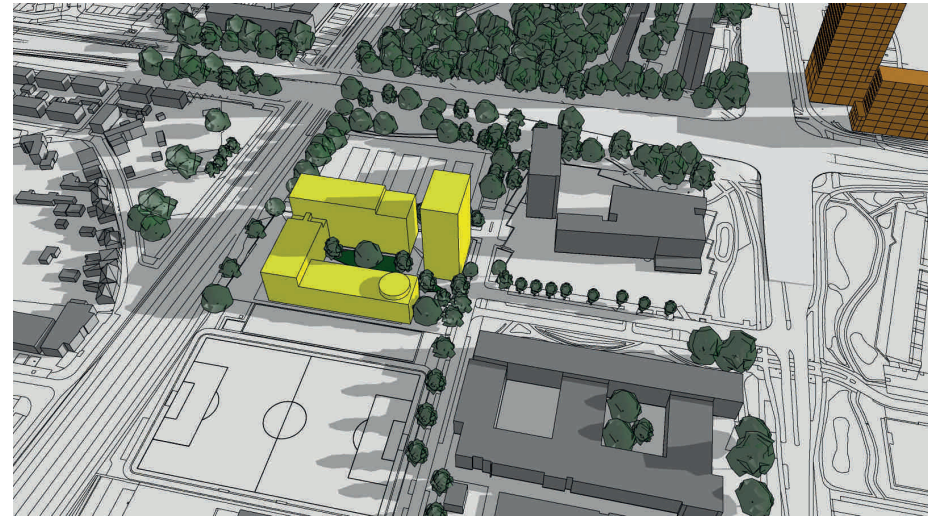
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2. zonnestudie - nieuwe situatie

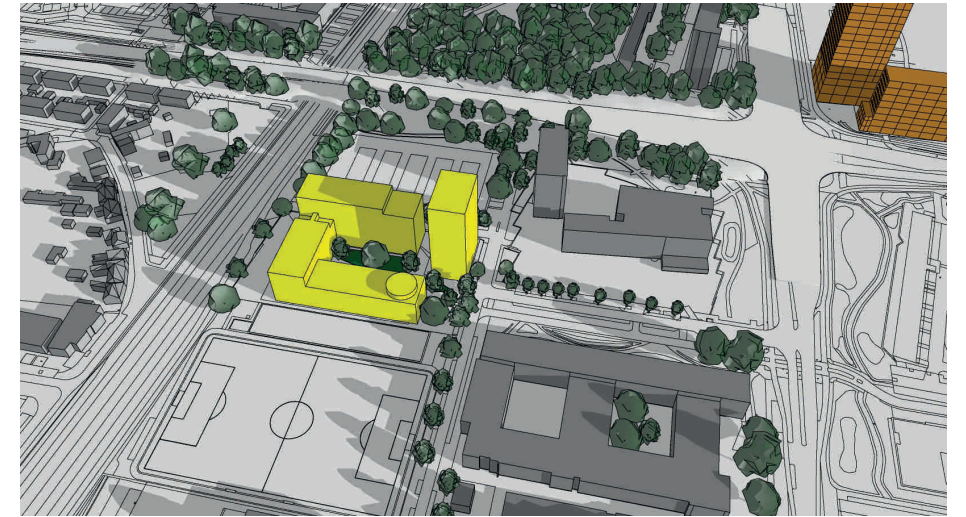
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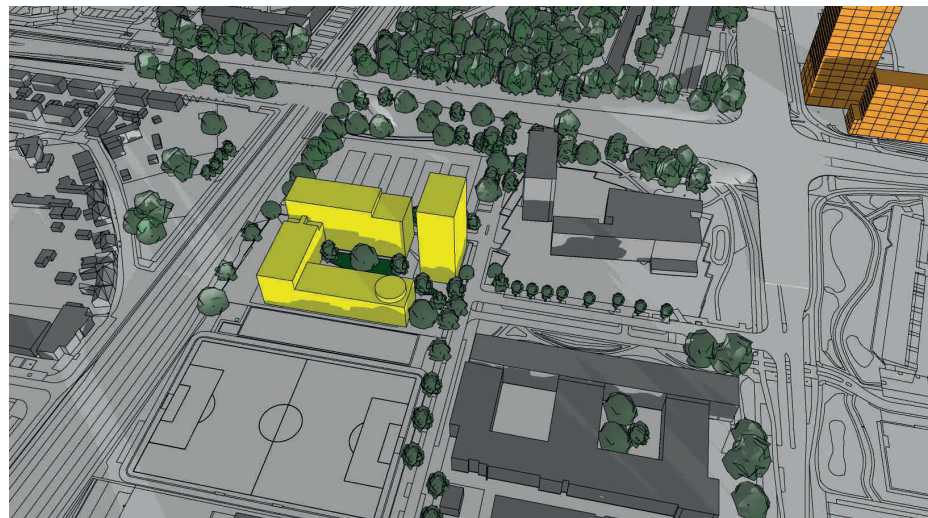
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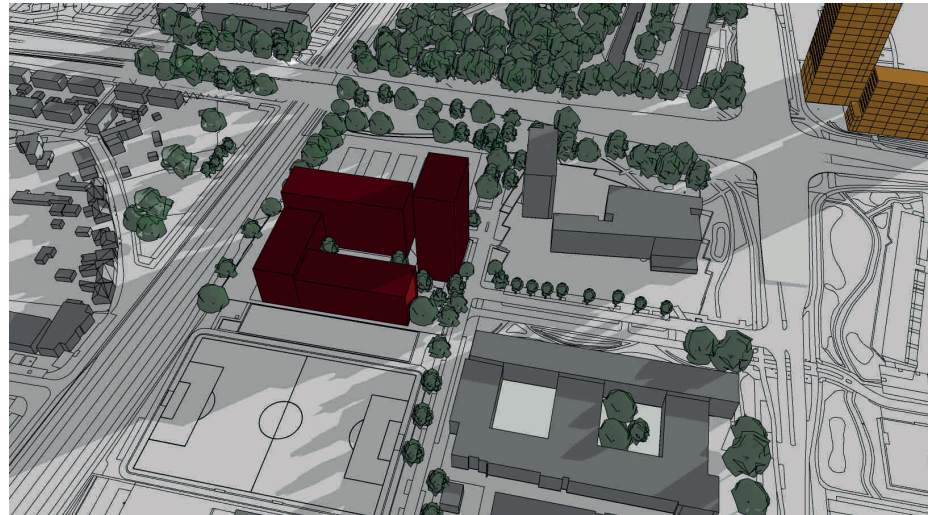
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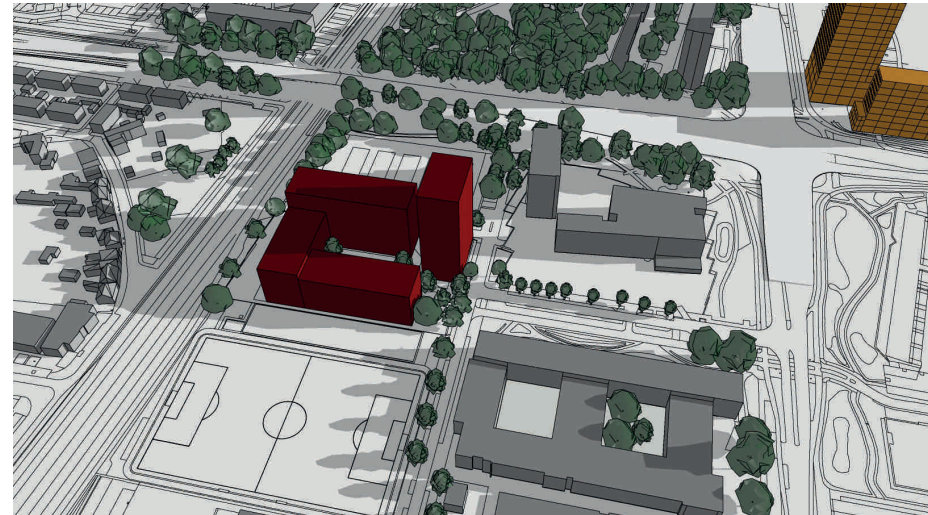
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3. zonnestudie - maximaal conform bestemmingsplan

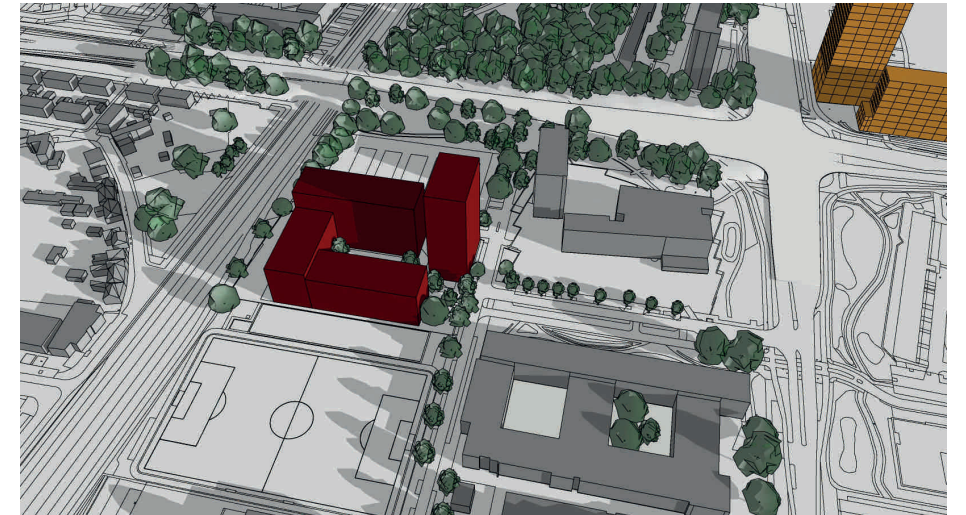
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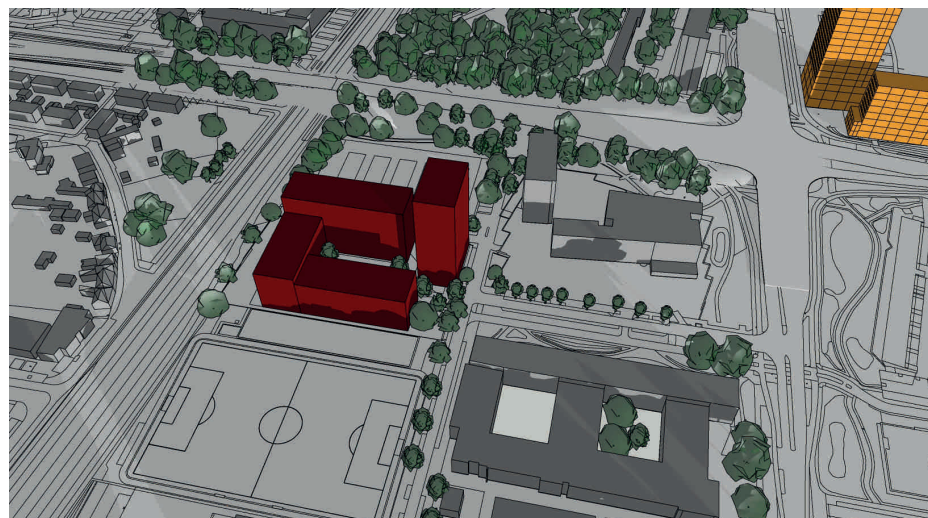
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