

Emmastraat

Bezonningsstudie

1-3-2024
In opdracht van:
ALDI
Roermond



Wijze van meten

OPGAVE

Op basis van het nieuwbouwplan voor de Emmastraat te Asten is een bezonningsstudie uitgevoerd. De vraagstelling is of dit nieuwbouwplan hinder kan veroorzaken voor de omliggende bebouwing.

ONDERZOEK

Om inzicht te geven in de toekomstige bezonningssituatie is de situatie op de maatgevende dagen van de 4 seizoenen in de bestaande situatie, met maximale invulling van het bestaande bestemmingsplan en met de voorgestelde nieuwe invulling vergeleken. Dit zijn de volgende dagen:

- 22 december: de dag dat de zon het laagst staat;
- 21 juni: de dag dat de zon het hoogst staat;
- 21 maart: de dag dat de zon op 'half' staat, namelijk precies tussen de stand van 22 december en 21 juni in (wintertijd);
- 23 september: de dag dat de zon op 'half' staat, namelijk precies tussen de stand van 21 juni en 22 december in (zomertijd);

In juni is 20:00 uur ook opgenomen vanwege de lange zonuren in deze periode. In december is 9:00 vervangen door 10:00. Ook valt 18:00 hier af, omdat de zon dan al onder is.

	09:00	10:00	12:00	15:00	18:00	20:00
21 maart	x		x	x	x	
21 juni	x		x	x	x	x
23 september	x		x	x	x	
22 december		x	x	x		



Conclusie

Het onderzoek laat de verschillen zien in schaduwwerking tussen de nieuwe situatie (bestemmingsplan) en 1) de op dit moment feitelijke bestaande situatie en 2) de maximale bouwmogelijkheden op grond van het huidige bestemmingsplan.

EMMASTRAAT 35

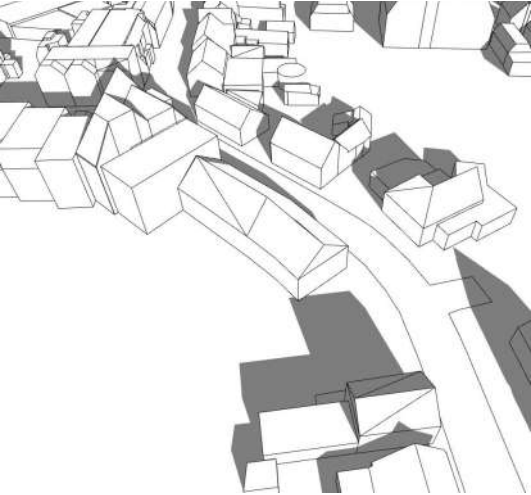
Ten opzichte van de op dit moment feitelijk bestaande situatie zal in de nieuwe situatie sprake zijn van een lichte toename van schaduwhinder. Dat betreft alleen de maatgevende dag in december en alleen ter plaatse van het hellend dakvlak. Ten opzichte van de maximale mogelijkheden van het huidige bestemmingsplan zal in de nieuwe situatie sprake zijn van een afname van schaduwhinder. In plaats van schaduwhinder op de maatgevende dagen in maart, september en december, zowel op de voorgevel als op het hellend dakvlak is er dan nog maar alleen schaduwhinder in december en alleen ter plaatse van het hellend dakvlak.

DE VIJF GEBOOI

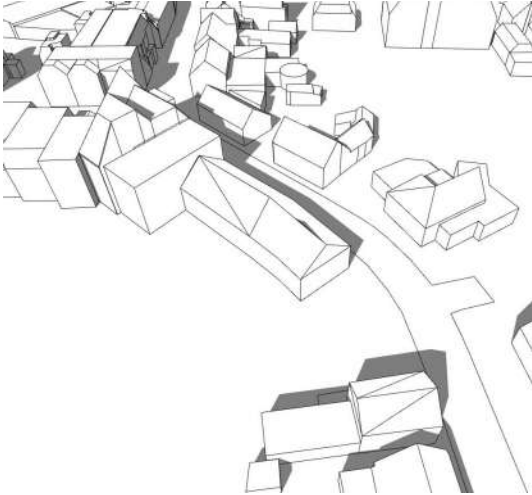
Ten opzichte van de op dit moment feitelijk bestaande situatie zal in de nieuwe situatie sprake zijn van een lichte toename van schaduwhinder voor de Emmastraat 50 en een minimale toename voor de woningen aan de Emmastraat 52 tm 58. Deze verandering betreft alle maatgevende dagen aan het eind van de dag als de zon laag staat. Ten opzichte van de maximale mogelijkheden van het huidige bestemmingsplan zal in de nieuwe situatie sprake zijn van een lichte toename van schaduwhinder voor de Emmastraat 50 tm 58. Deze verandering betreft alle maatgevende dagen aan het eind van de dag als de zon laag staat.

Bezoning Emmastraat 35 - 21 maart

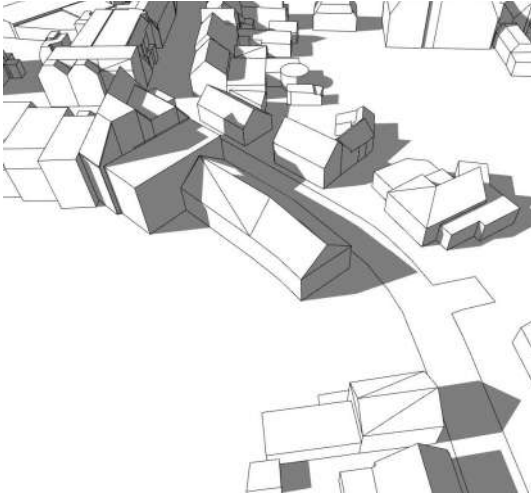
Bestaande situatie



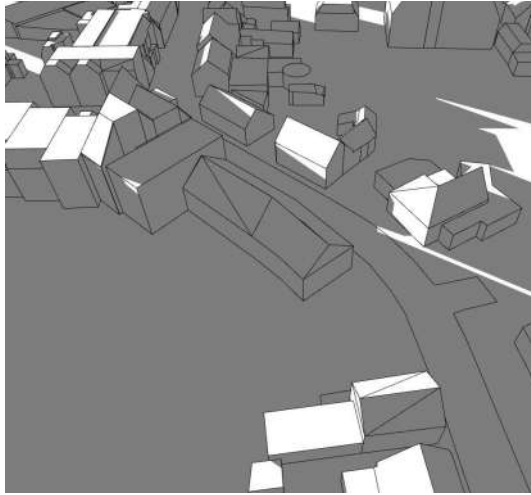
21 maart 09.00



21 maart 12.00

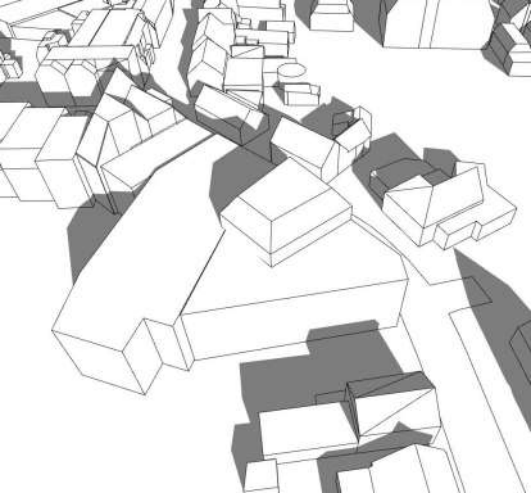


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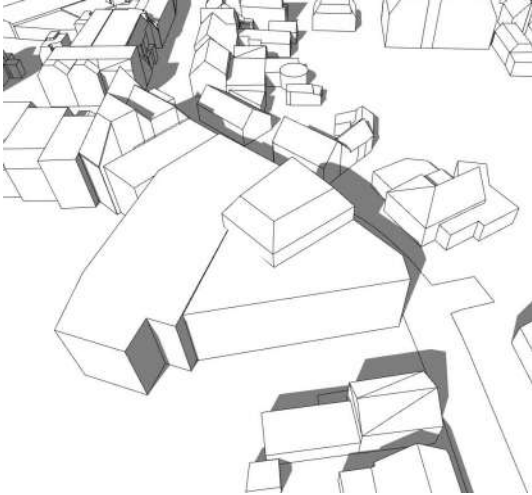


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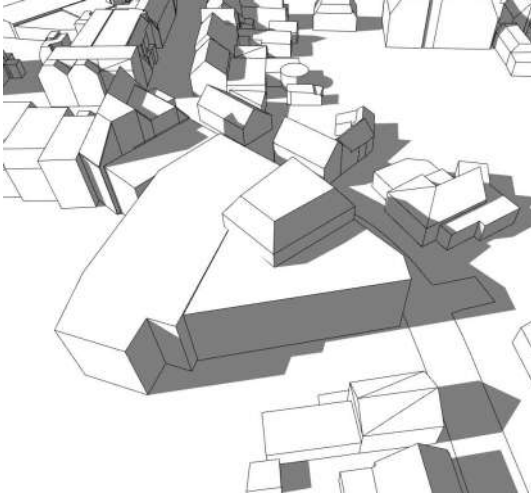
Huidig bestemmingsplan



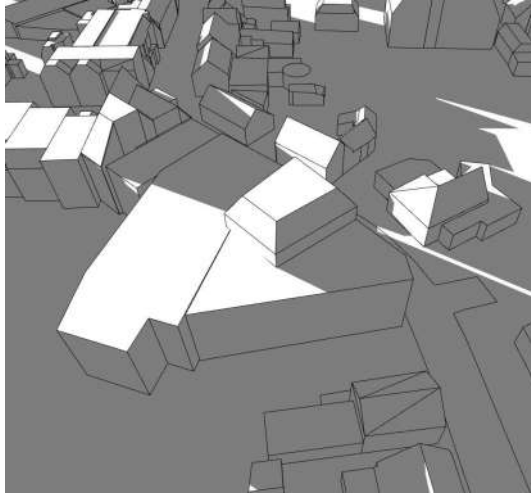
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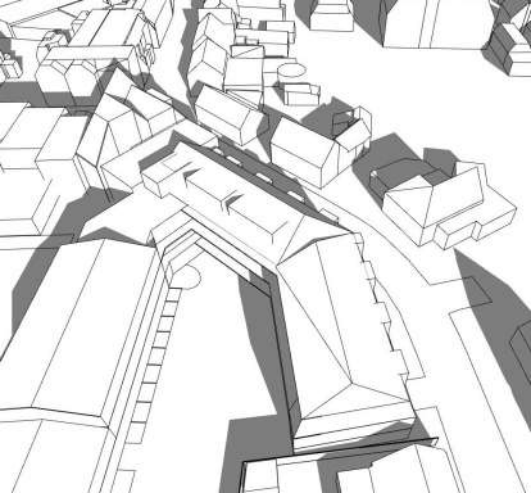


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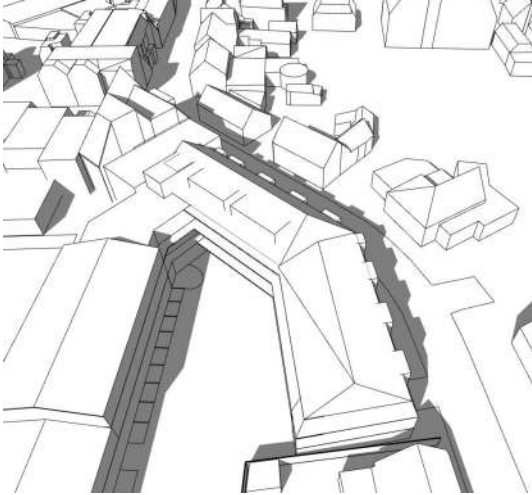


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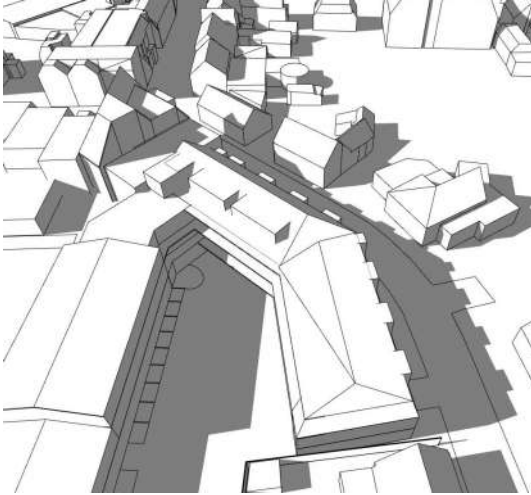
Nieuw voorstel



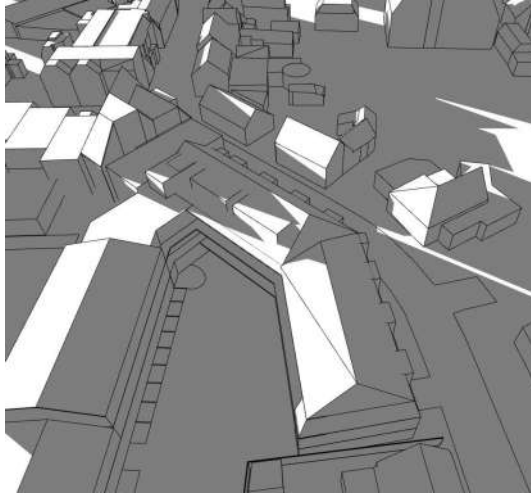
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21 maart 12.00



21 maart 15.00

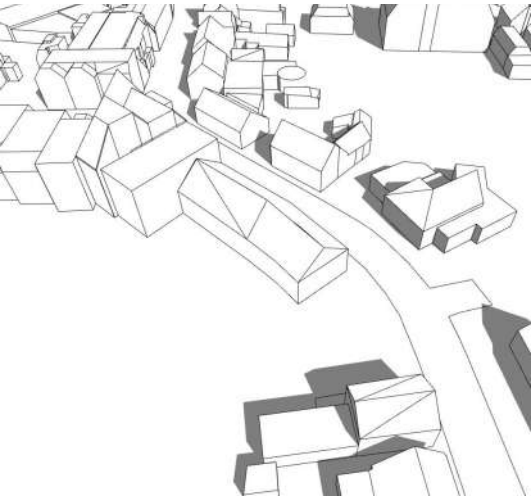


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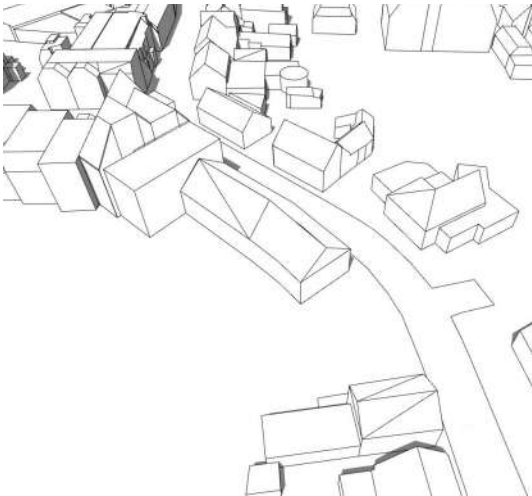


Bezinning Emmastraat 35 - 21 juni

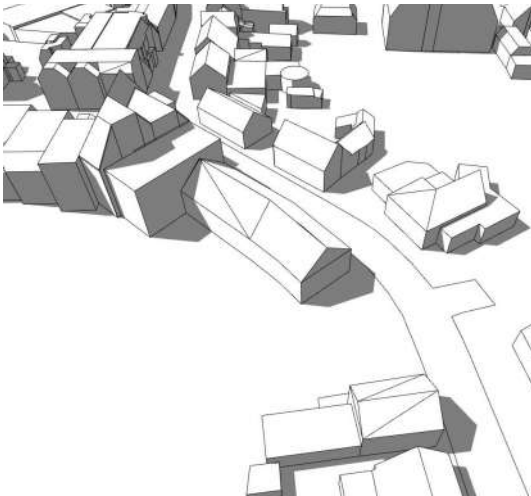
Bestaande situatie



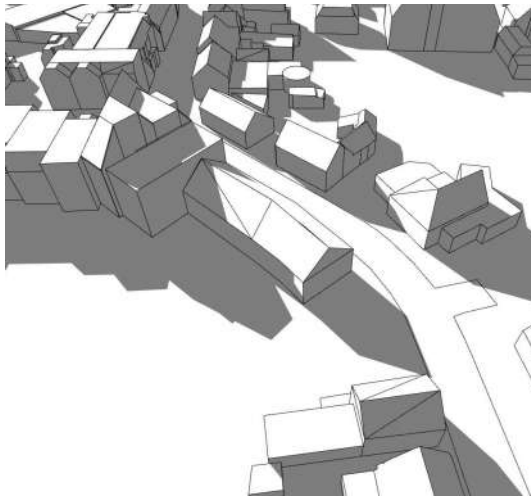
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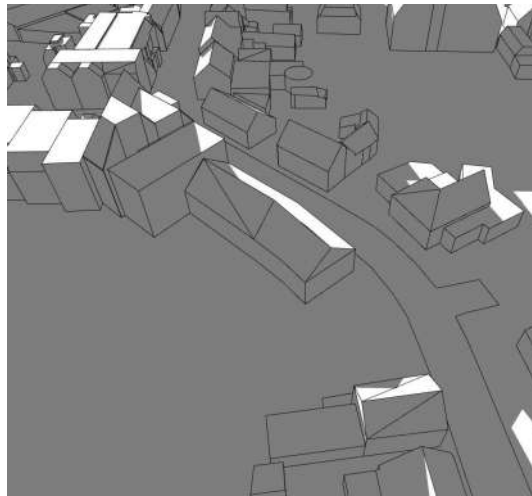
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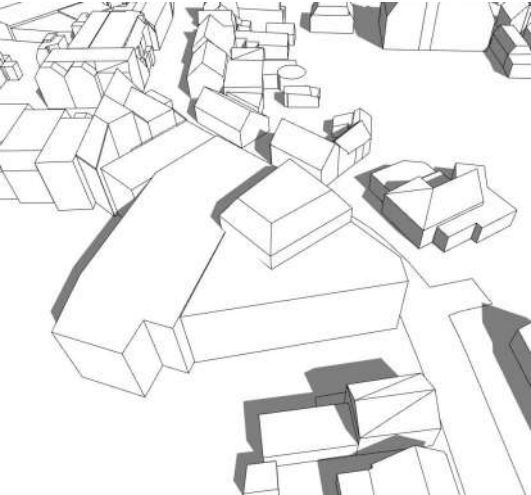


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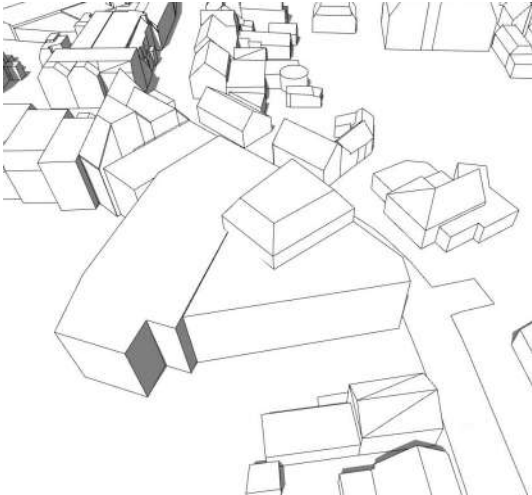


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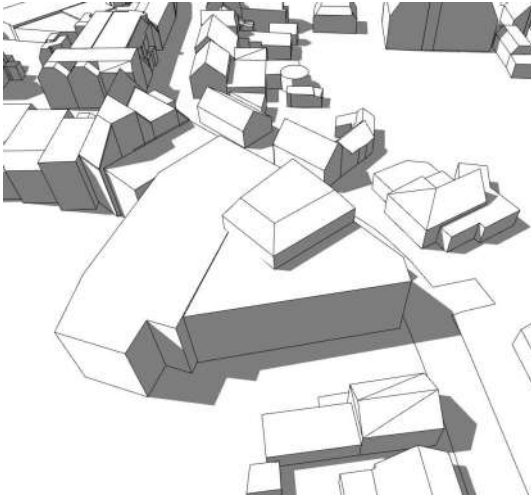
Huidig bestemmingsplan



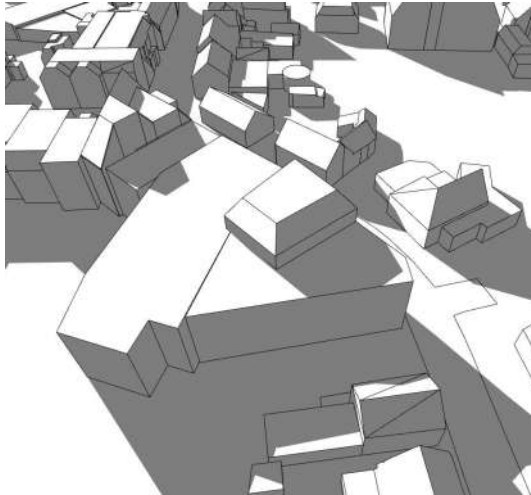
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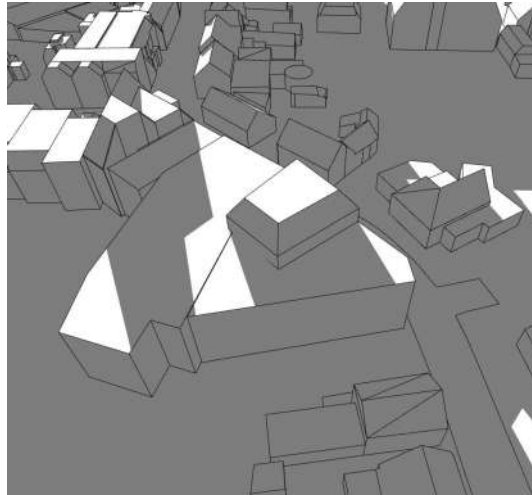
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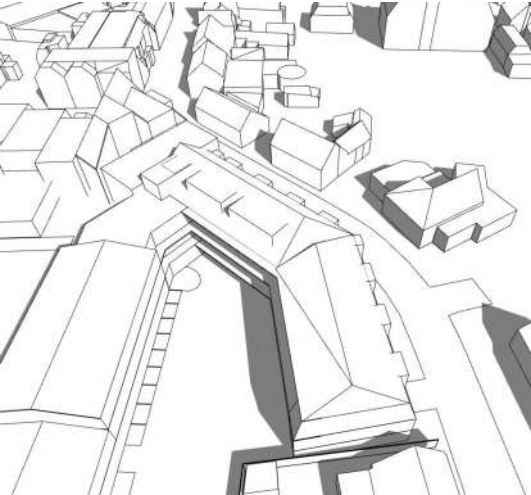


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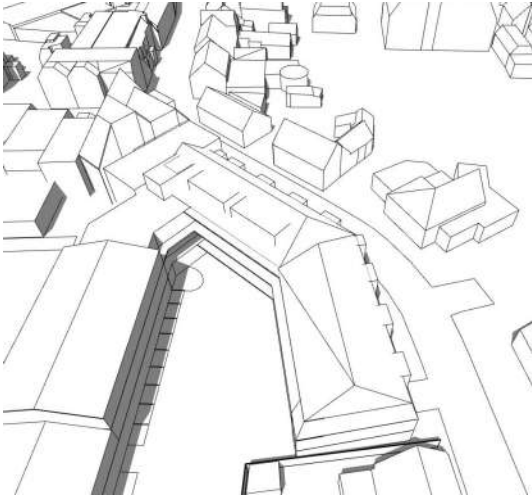


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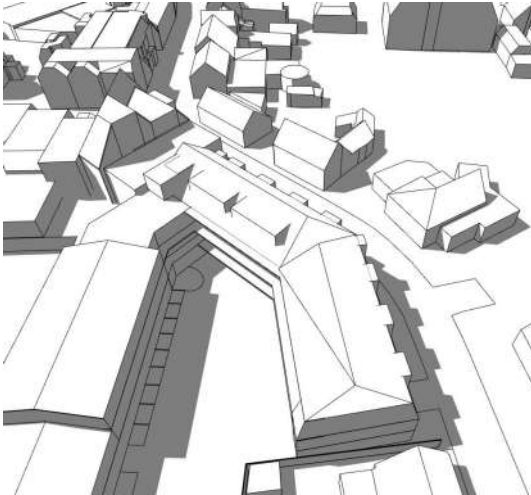
Nieuw voorstel



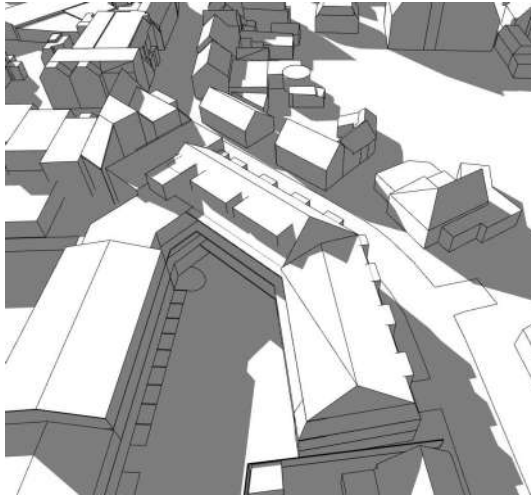
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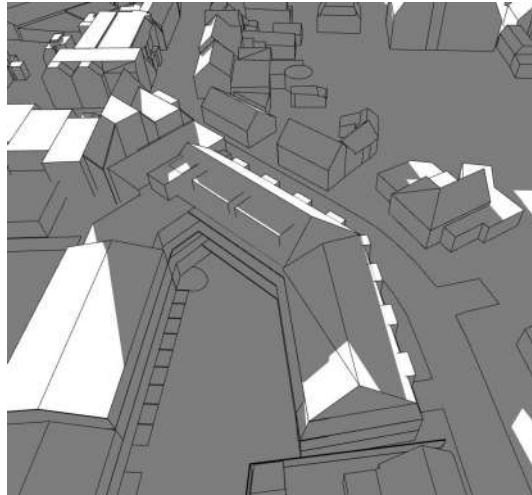
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21 juni 15.00



21 juni 18.00

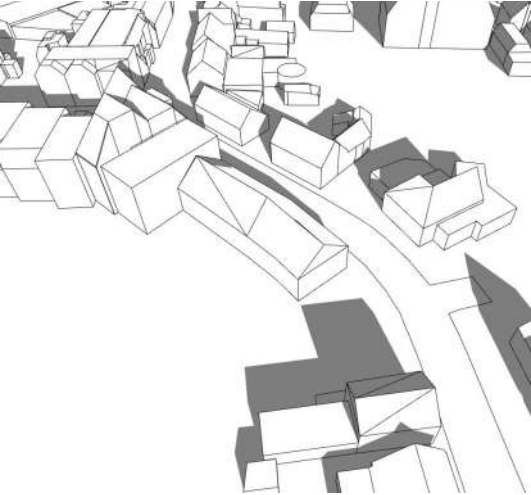


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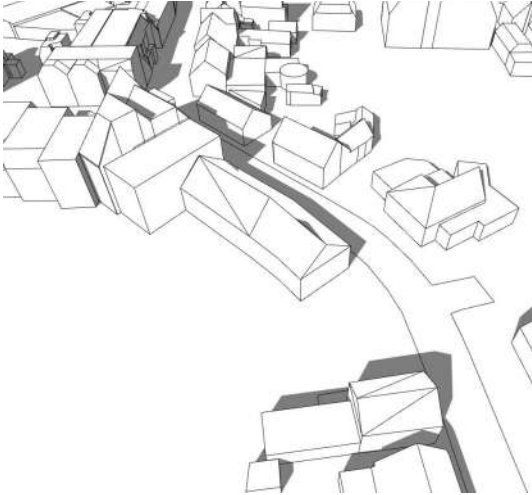


Bezinning Emmastraat 35 - 23 september

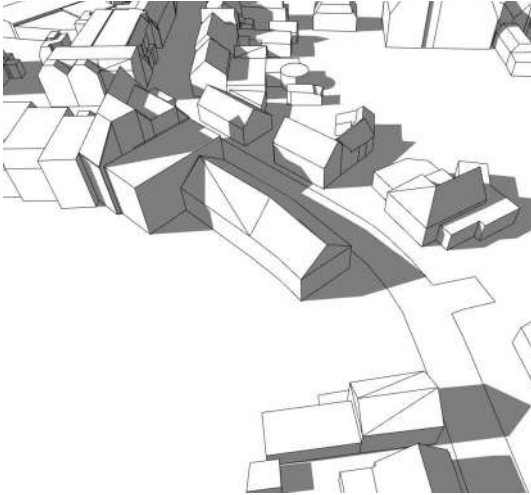
Bestaande situatie



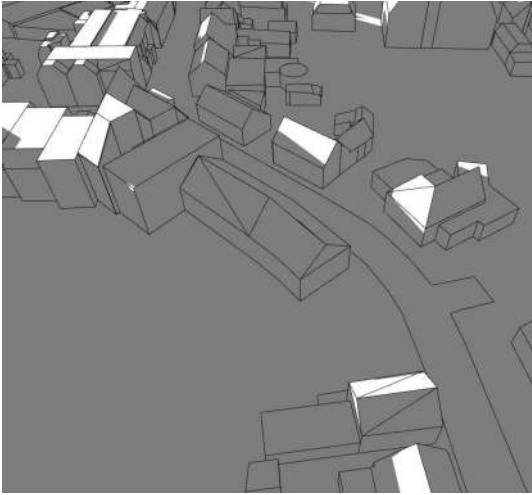
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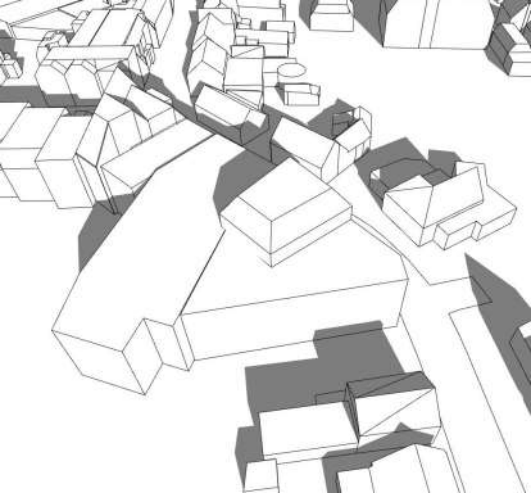


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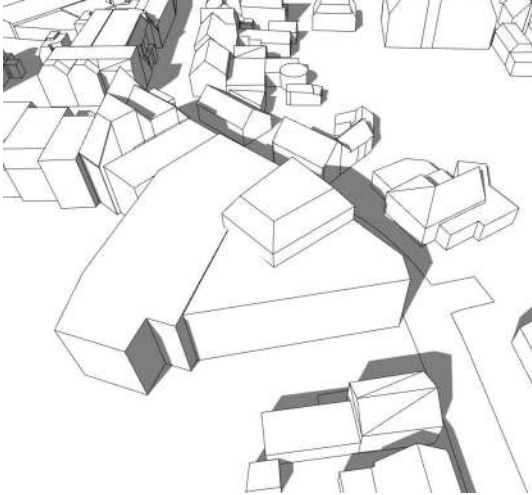


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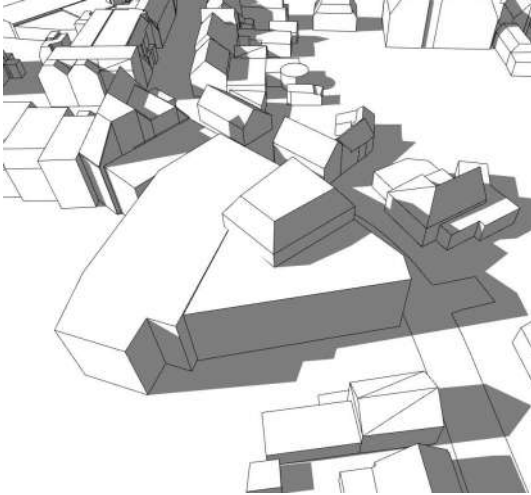
Huidig bestemmingsplan



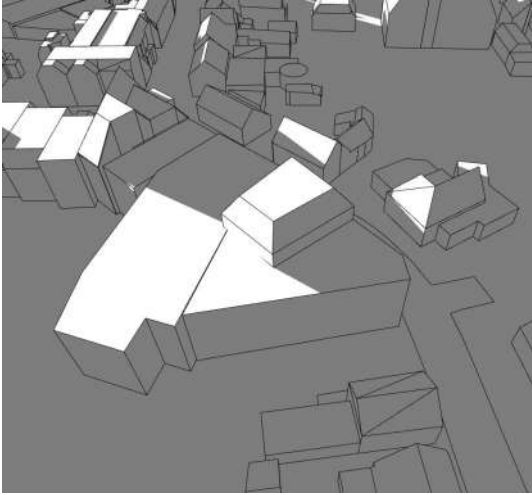
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23 september 12.00

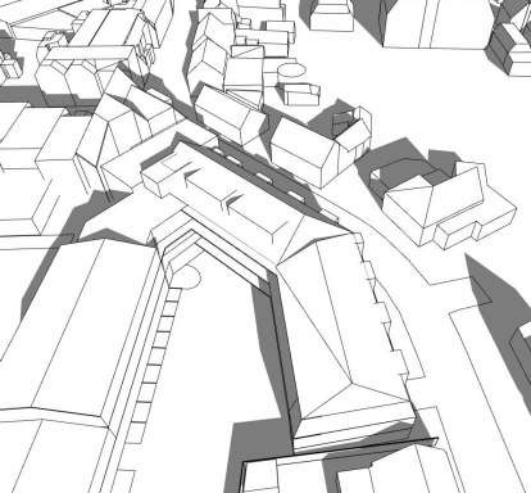


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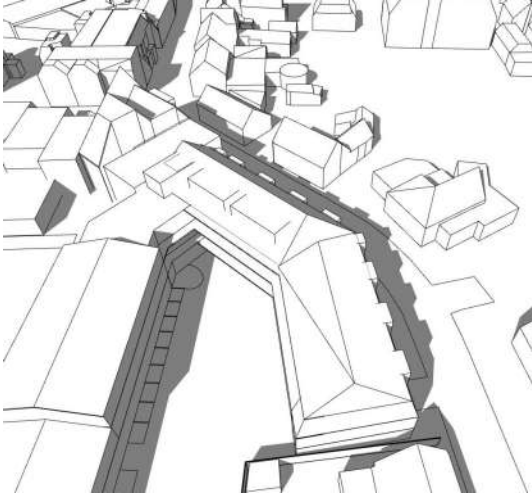


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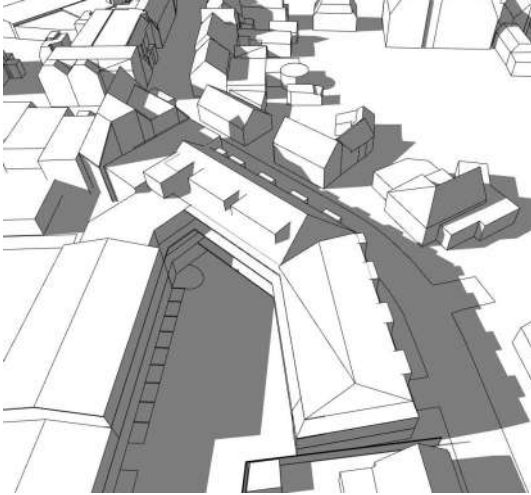
Nieuw voorstel



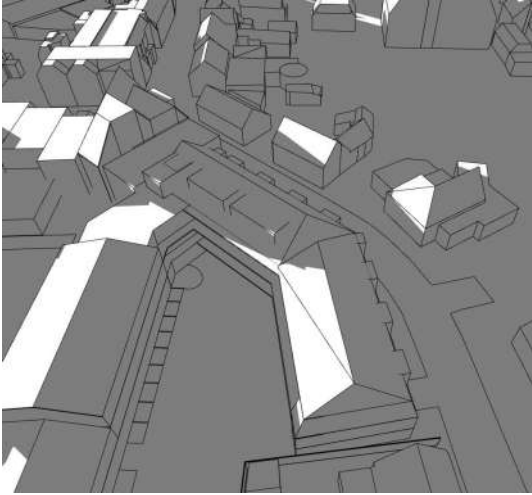
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23 september 12.00



23 september 15.00

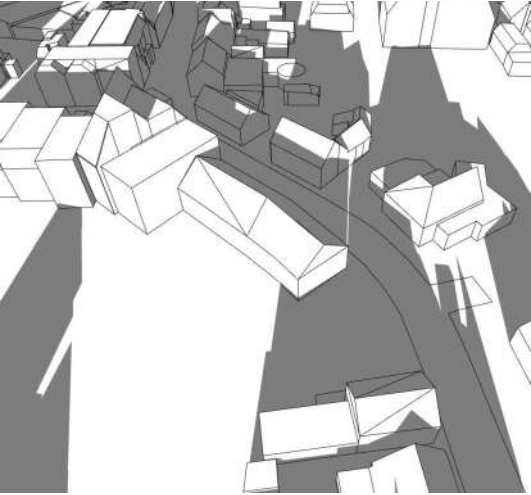


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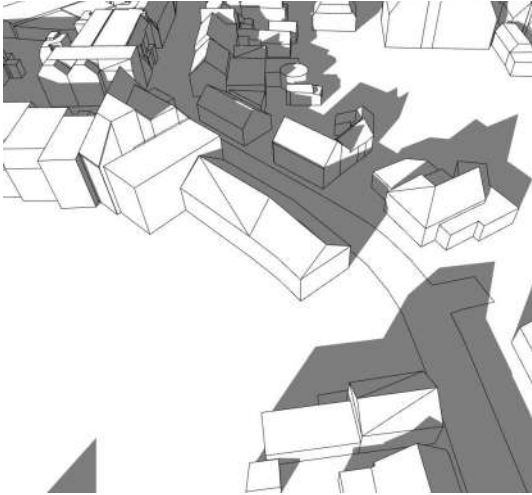


Bezoning Emmastraat 35 - 22 december

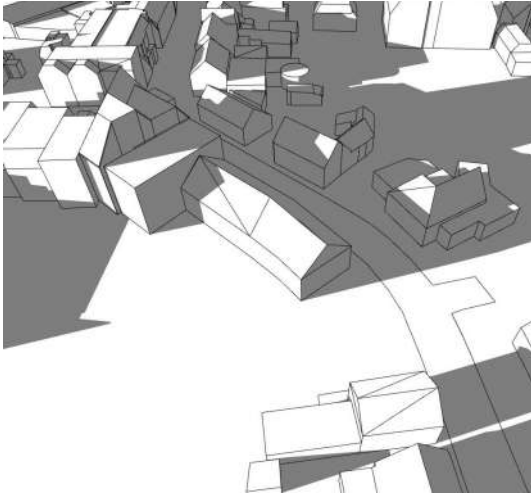
Bestaande situatie



22 december 10.00

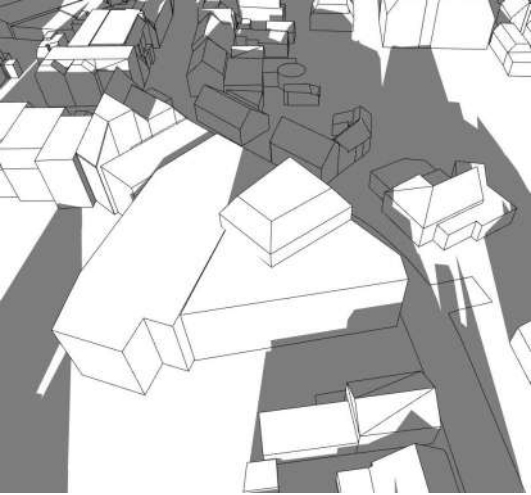


22 december 12.00

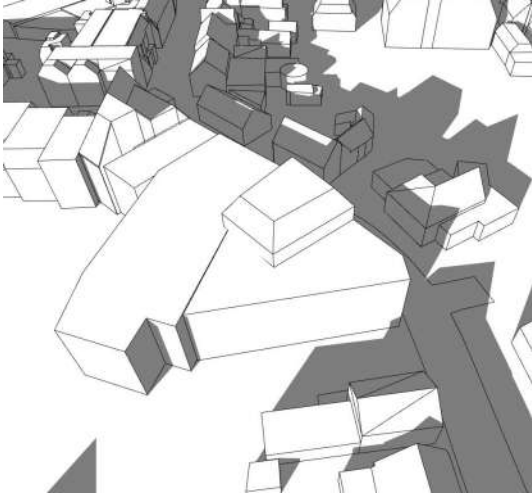


22 december 15.00

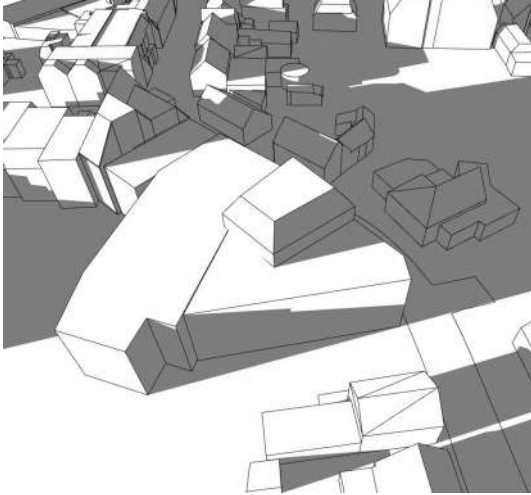
Huidig bestemmingsplan



22 december 10.00

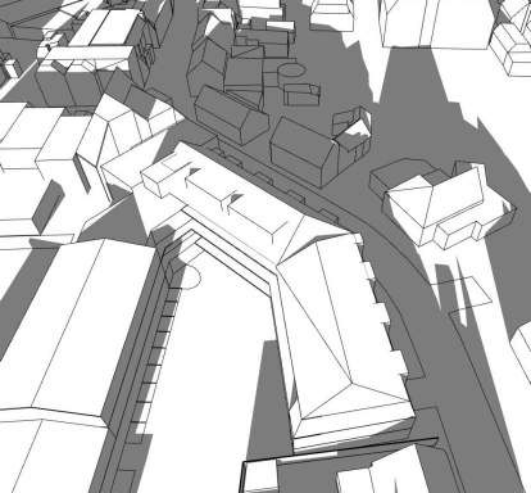


22 december 12.00

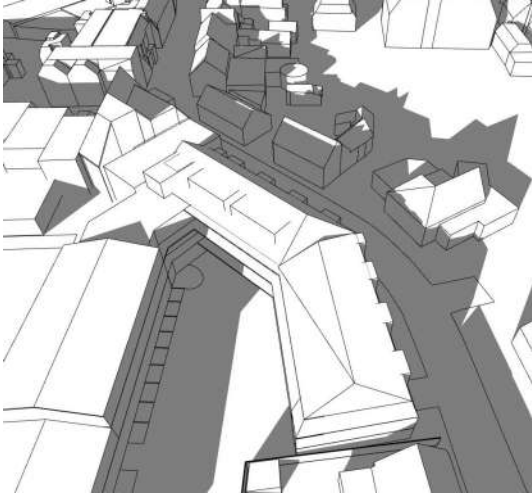


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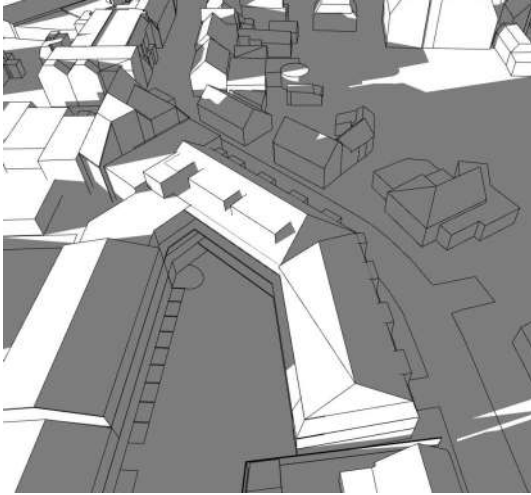
Nieuw voorstel



22 december 10.00



22 december 12.00

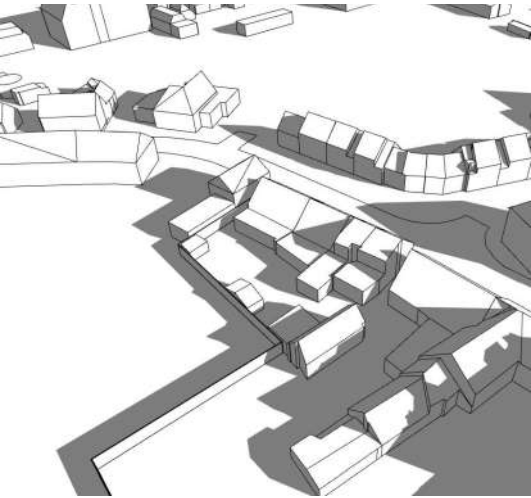


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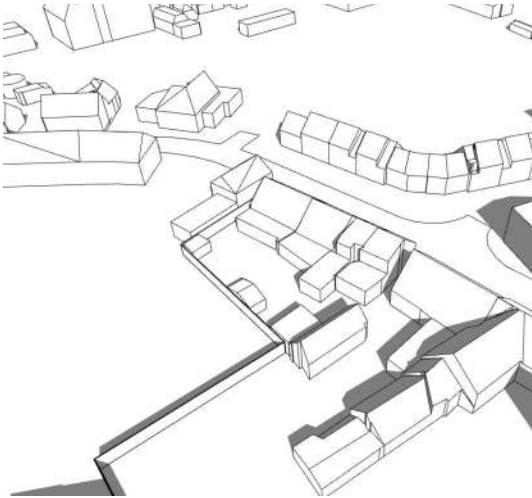


Bezoning De Vijf Gebooi - 21 maart

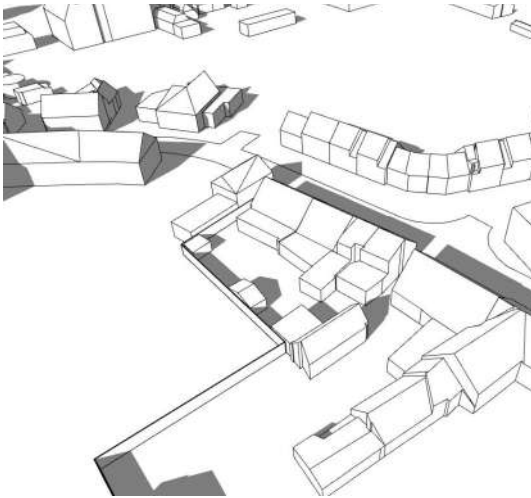
Bestaande situatie



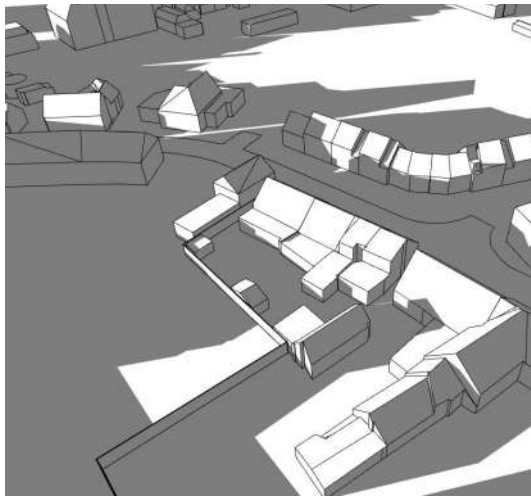
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21 maart 12.00

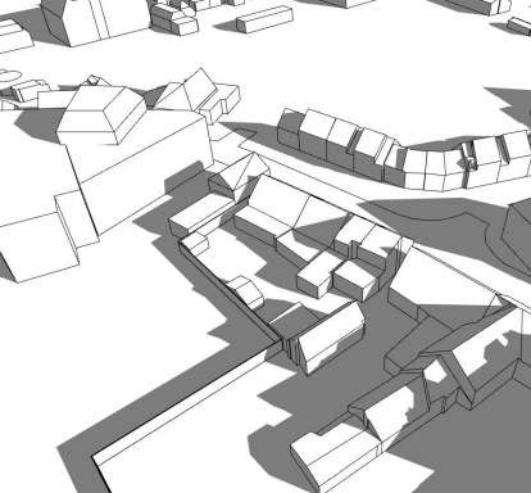


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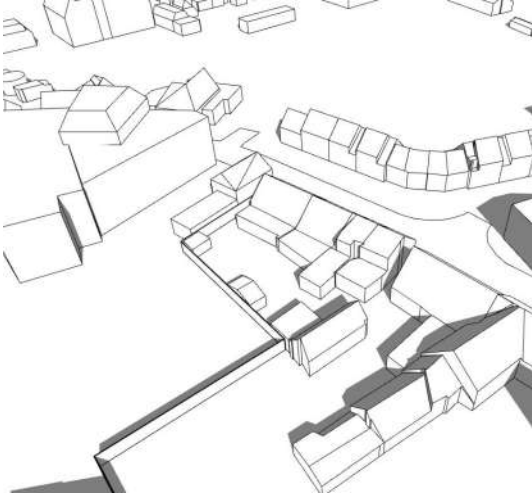


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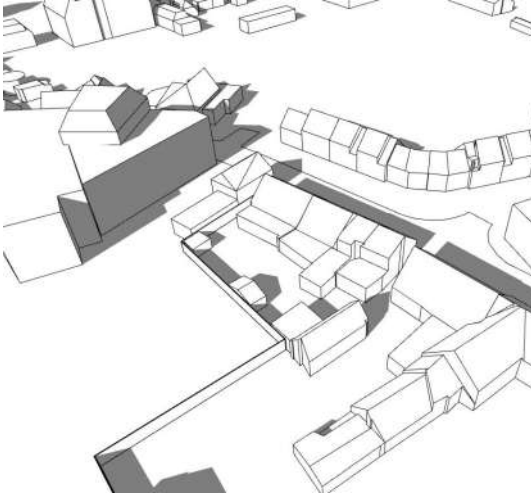
Huidig bestemmingsplan



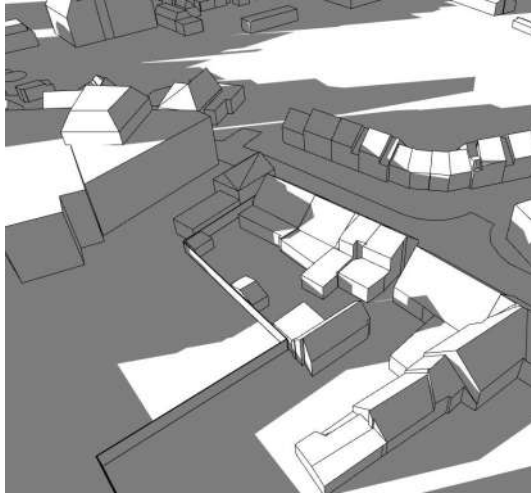
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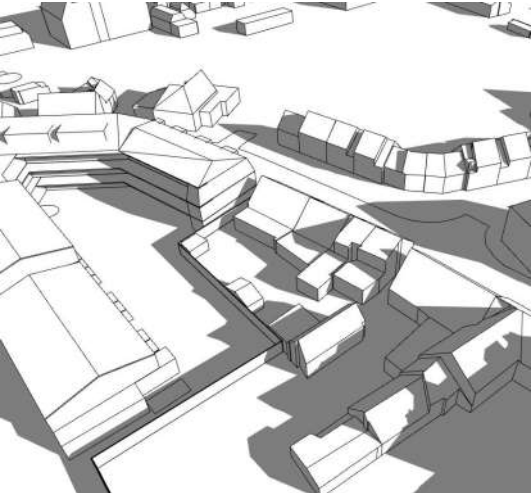


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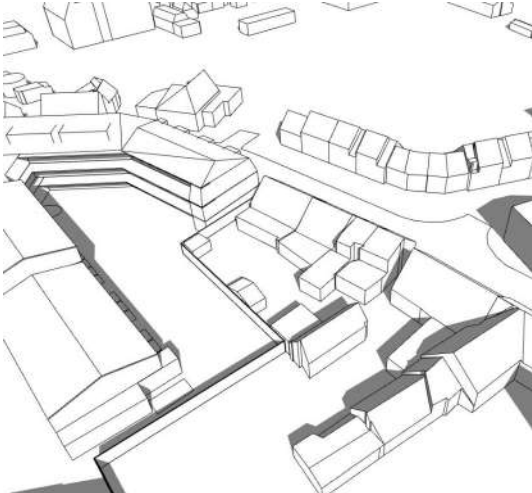


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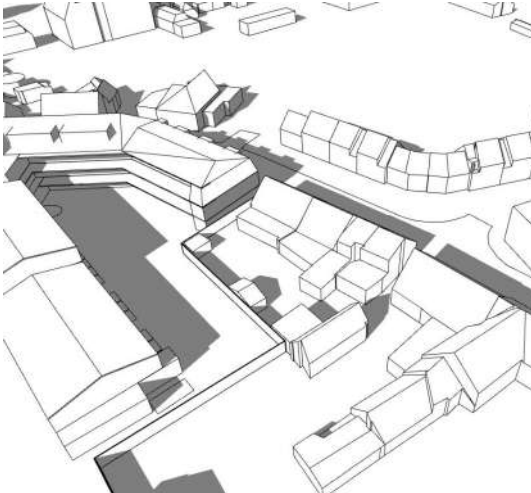
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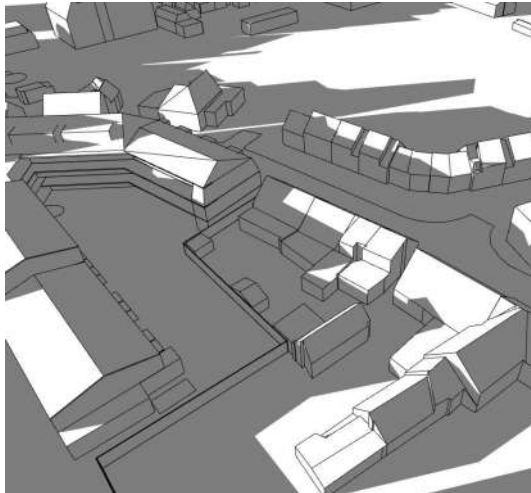
21 maart 09.00



21 maart 12.00



21 maart 15.00

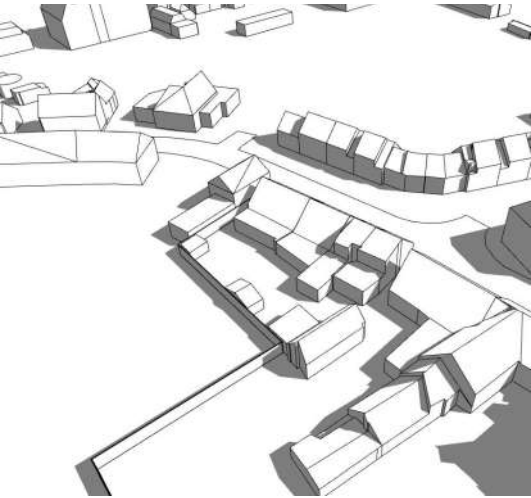


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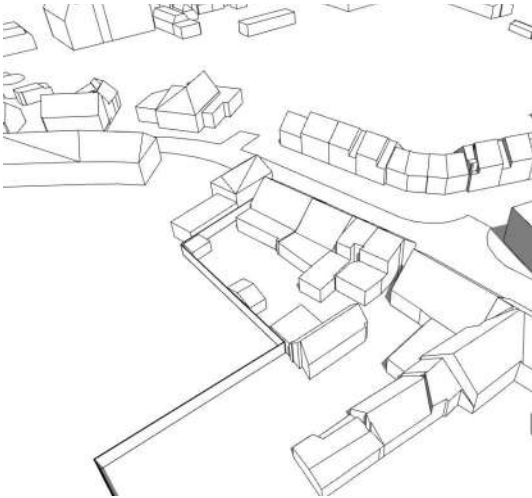


Bezinning De Vijf Gebooi - 21 juni

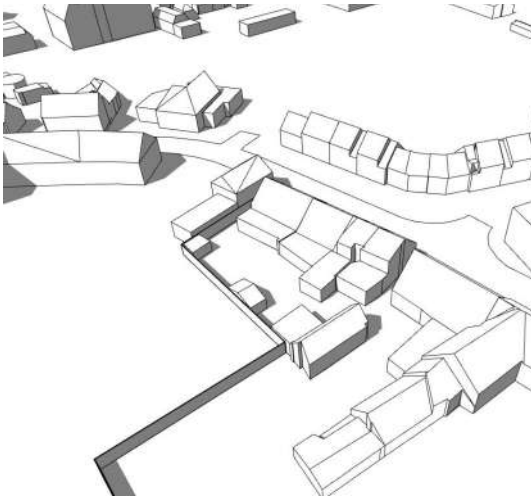
Bestaande situatie



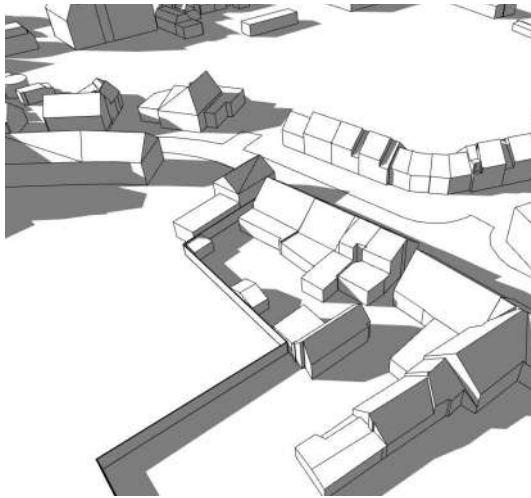
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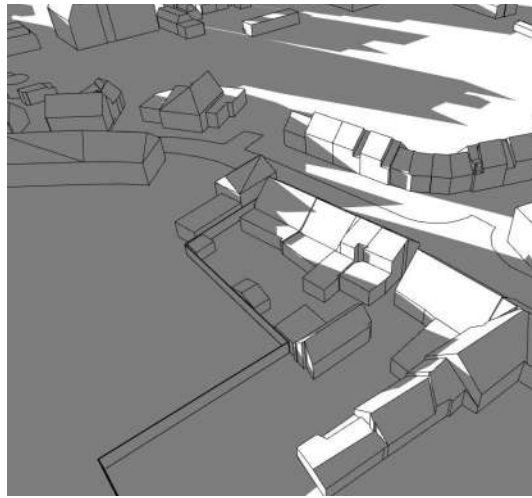
21 juni 12.00



21 juni 15.00

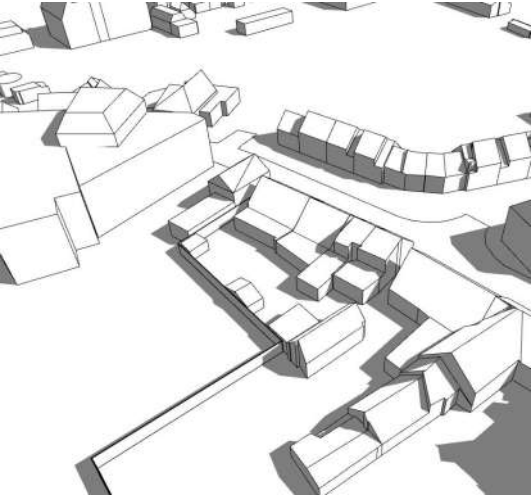


21 juni 18.00

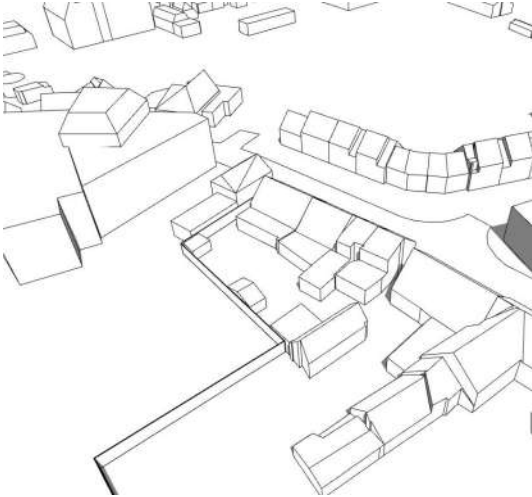


21 juni 20.00

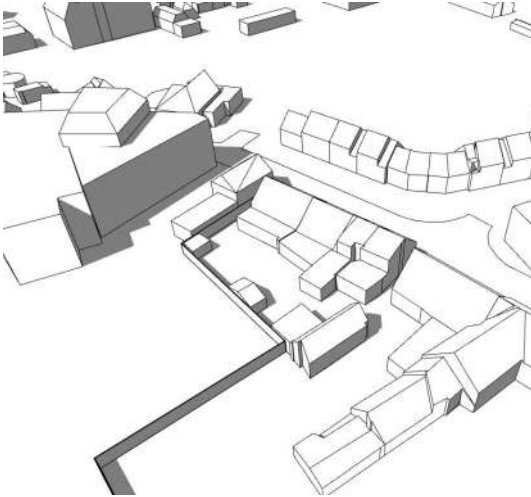
Huidig bestemmingsplan



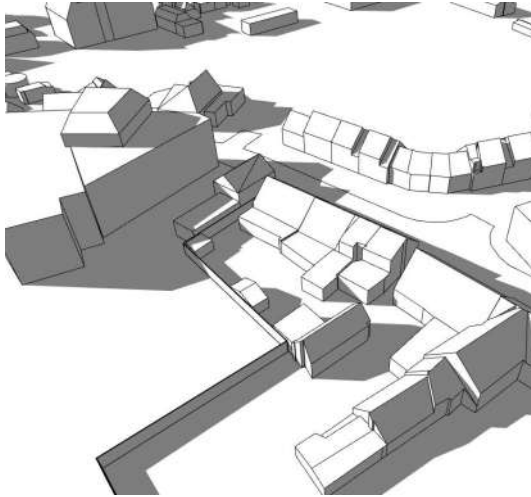
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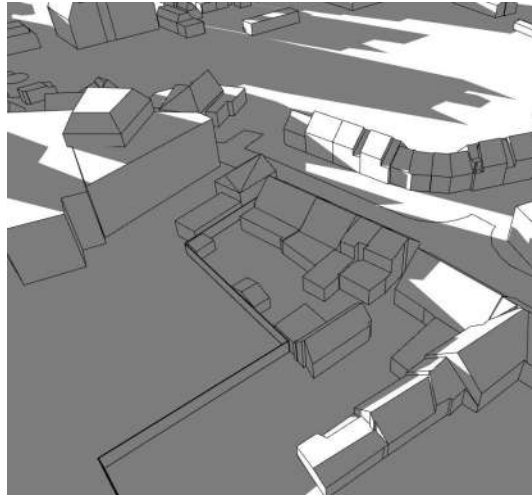
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21 juni 15.00

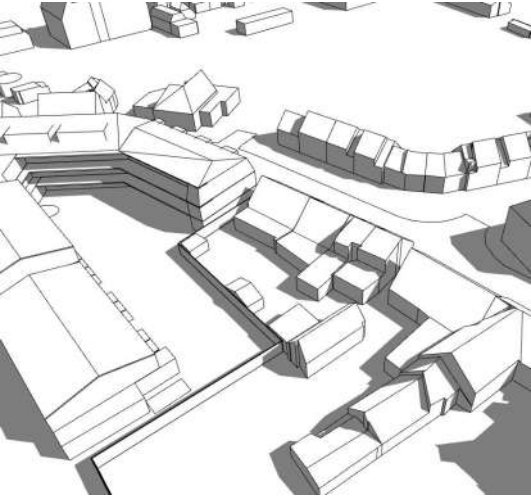


21 juni 18.00

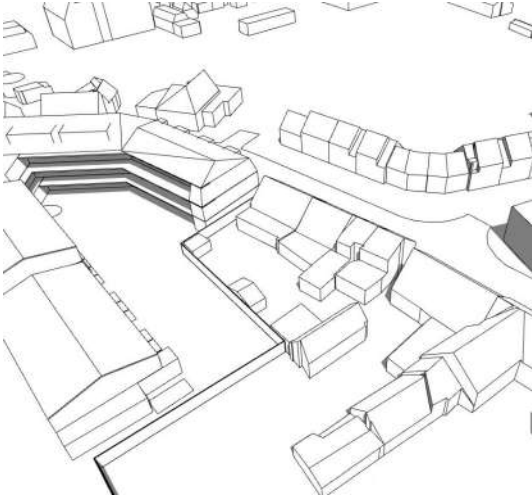


21 juni 20.00

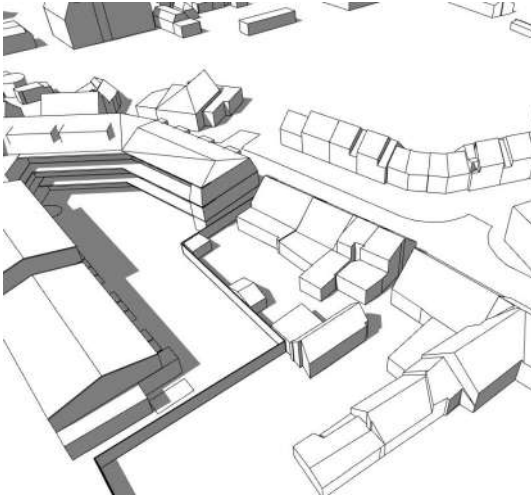
Nieuw voorstel



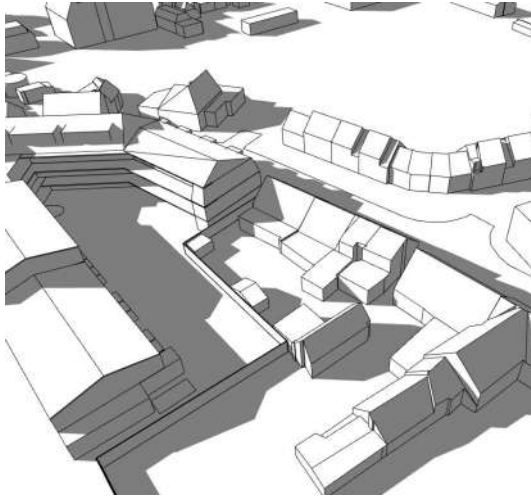
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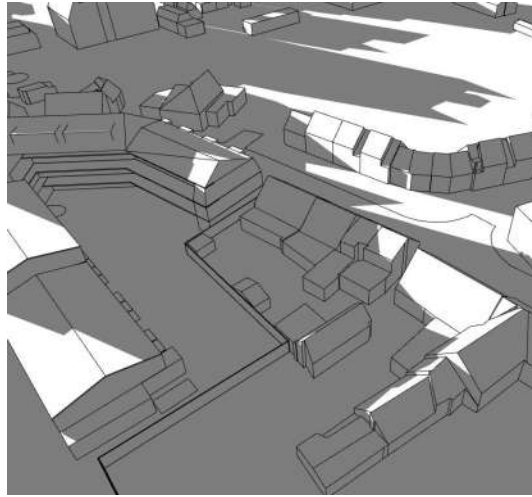
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21 juni 15.00



21 juni 18.00

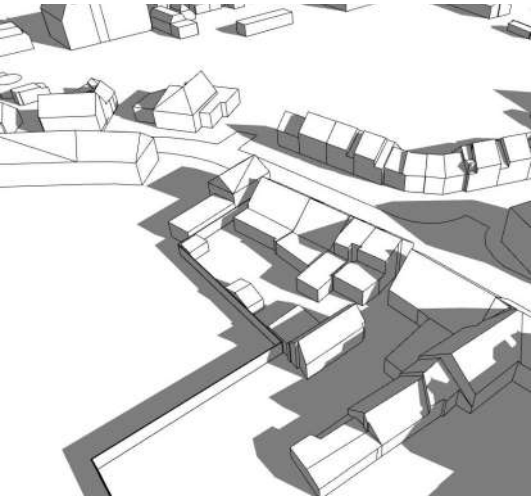


21 juni 20.00

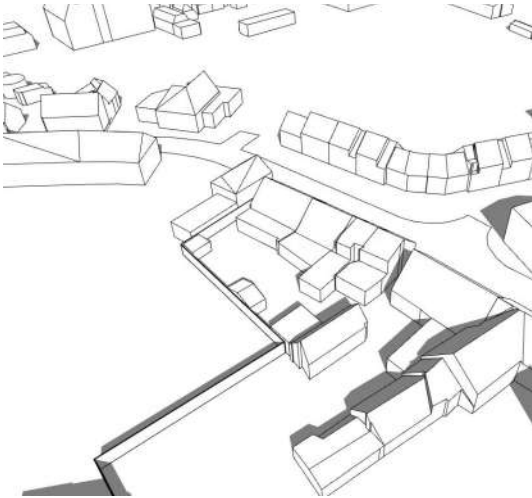


Bezinning De Vijf Gebooi - 23 september

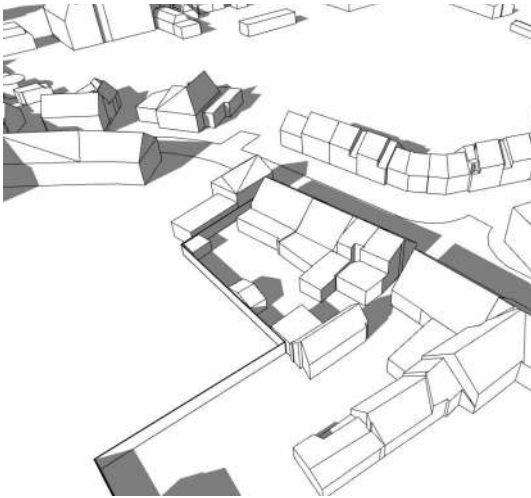
Bestaande situatie



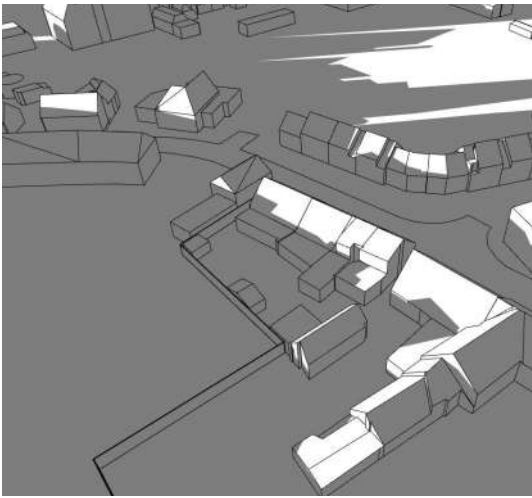
23 september 09.00



23 september 12.00

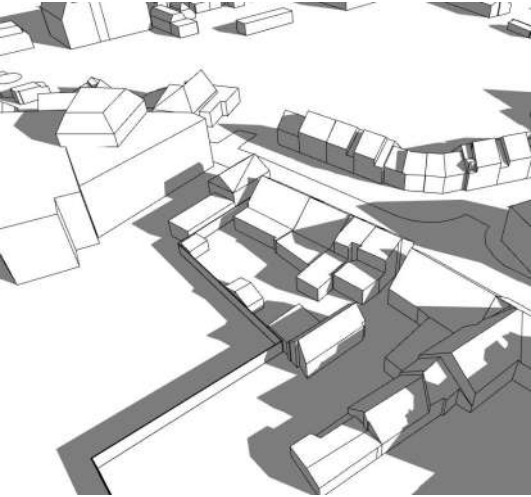


23 september 15.00

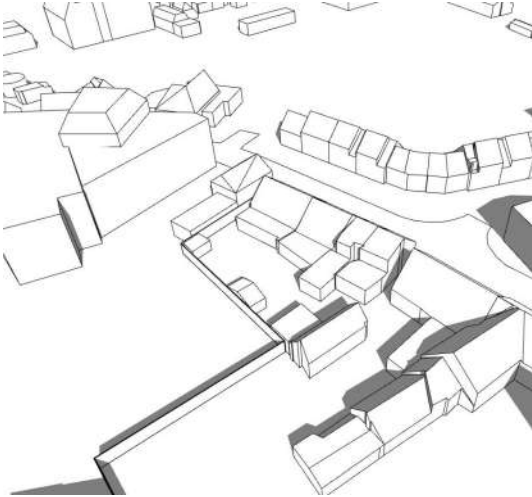


23 september 18.00

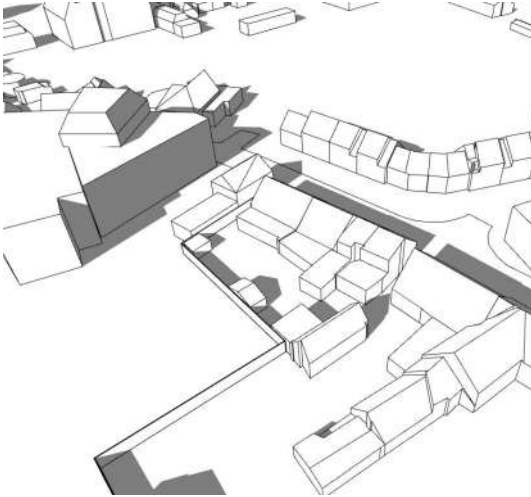
Huidig bestemmingsplan



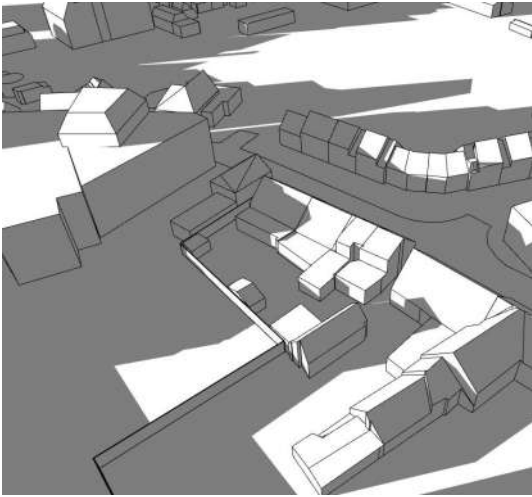
23 september 09.00



23 september 12.00

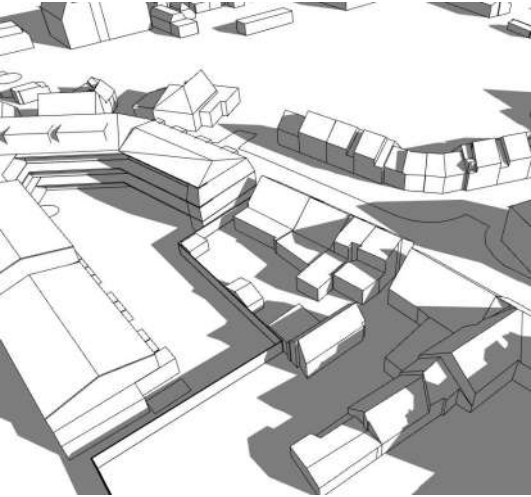


23 september 15.00

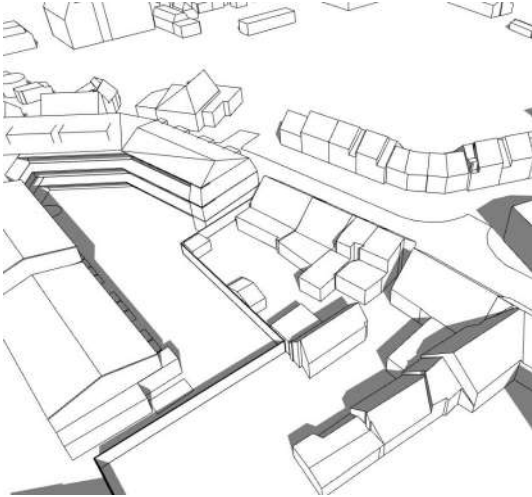


23 september 18.00

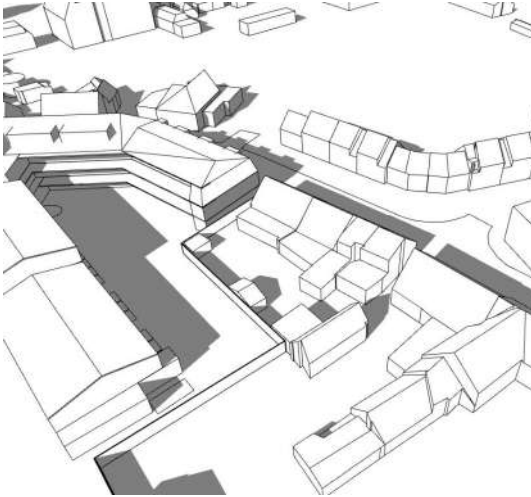
Nieuw voorstel



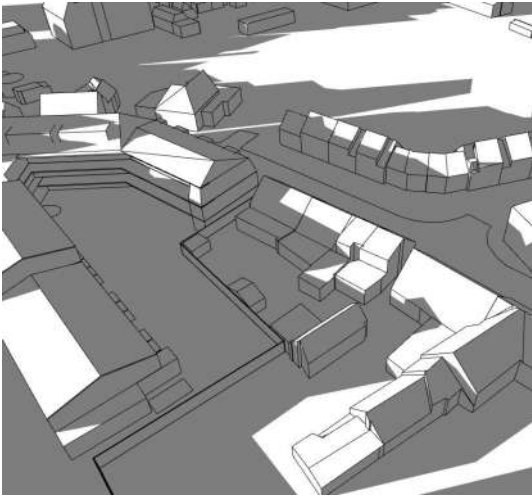
23 september 09.00



23 september 12.00



23 september 15.00

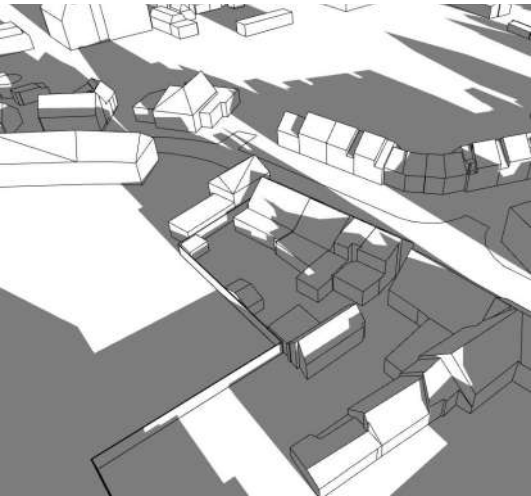


23 september 18.00

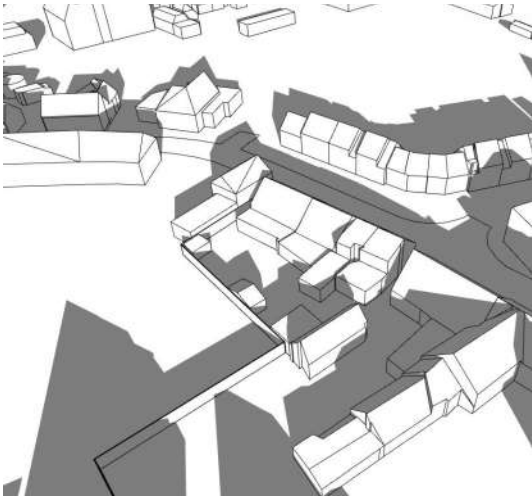


Bezoning De Vijf Gebooi - 22 december

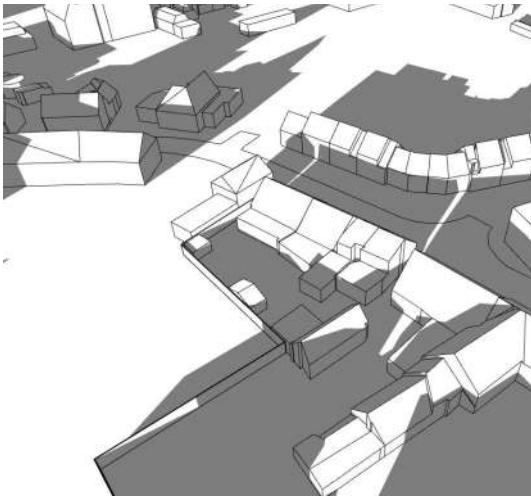
Bestaande situatie



22 december 10.00

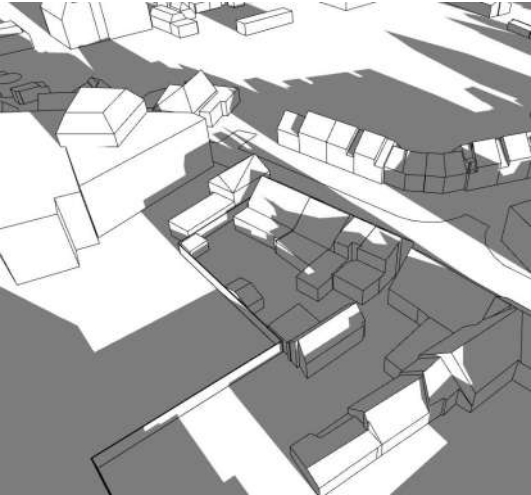


22 december 12.00

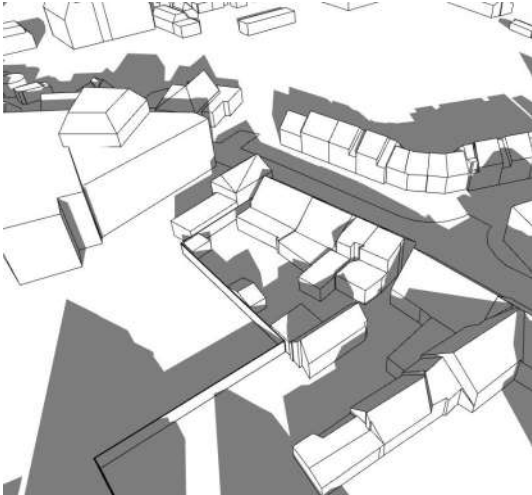


22 december 15.00

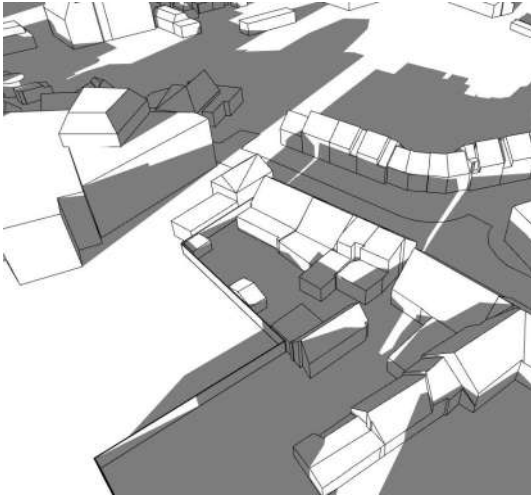
Huidig bestemmingsplan



22 december 10.00

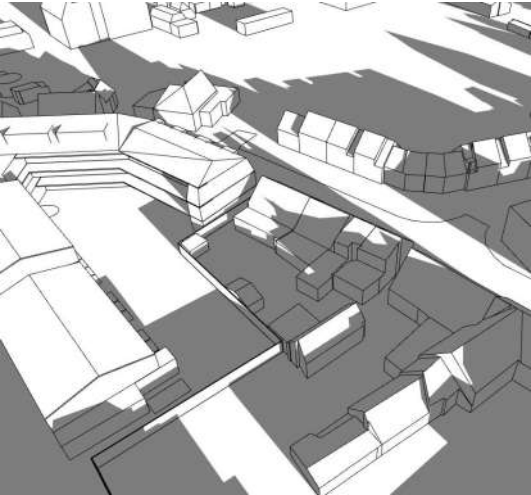


22 december 12.00

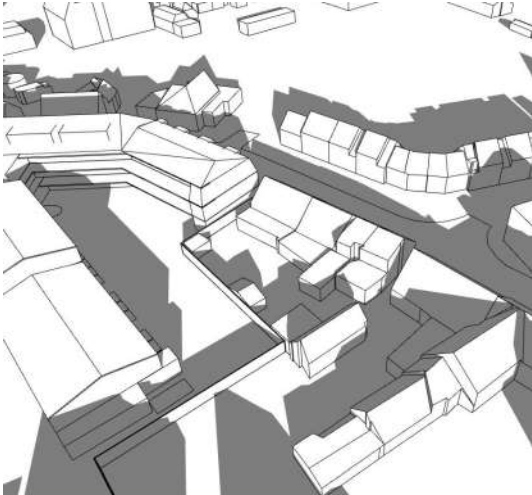


22 december 15.00

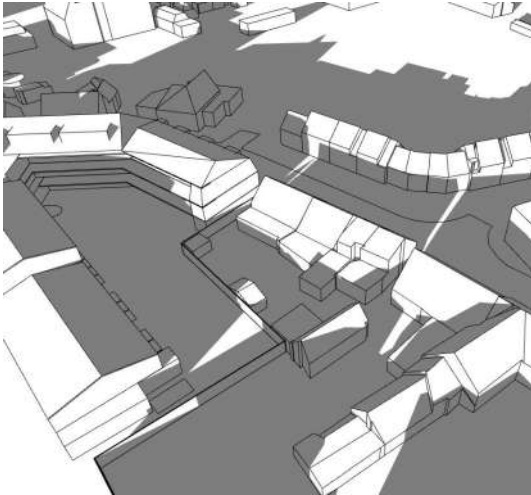
Nieuw voorstel



22 december 10.00



22 december 12.00



22 december 15.00

