

# Daylight Analysis and Overshadowing

Prepared for Meath County Council

Seaview terrace, Bettystown,  
Co. Meath

24/06/2020



comhairle chontae na mí  
meath county council

Heffernan3D

# 1. Executive Summary

The aim of this report is to ascertain if the levels of overshadowing caused by the proposed development results in general loss of amenity light.

Heffernan3D was instructed to investigate the impact of the proposed development on the surrounding environment by modelling the existing and proposed scenarios.

## 2. Introduction and Objective

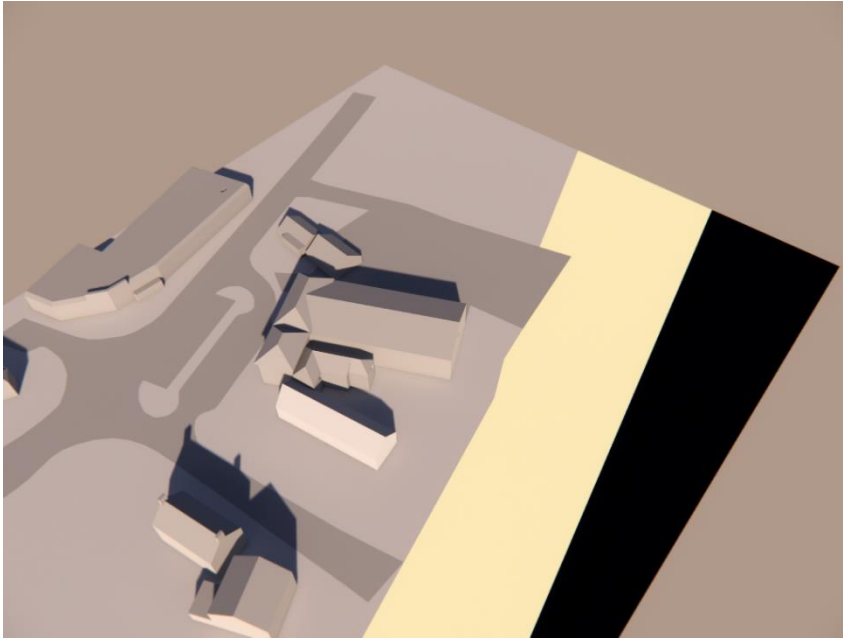
Heffernan3D has been instructed to provide a report upon the impact of the proposed development at the site at Seaview Terrace, Bettystown, Co. Dublin.

Heffernan3D was specifically instructed to carry out the following:

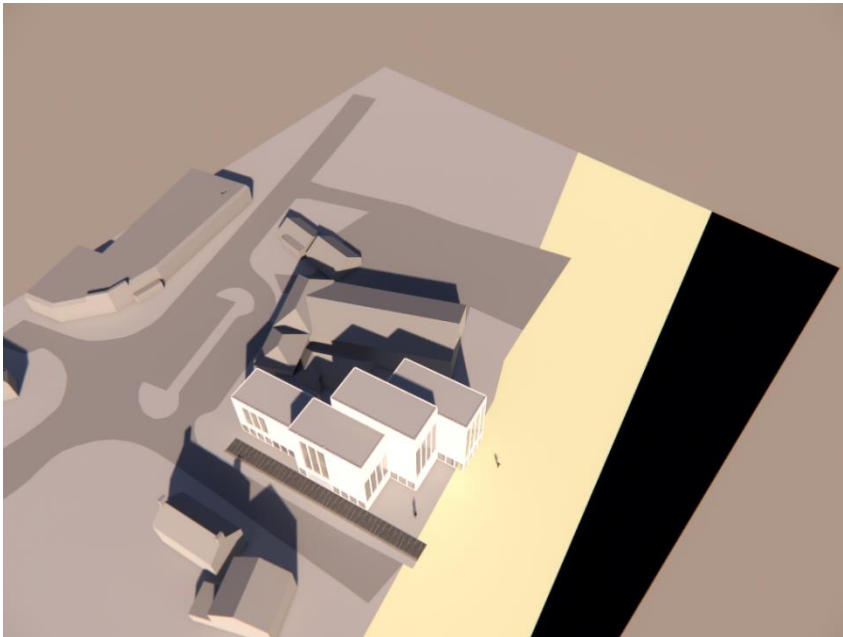
- To create a 3D computer model of the scheme based upon drawings provided by Robin Lee Architects.
- Carry out a daylight assessment by creating a general overshadowing study based 4 No. times (10am 12pm, 2pm & 4pm [where applicable]) on 4 No. days (21<sup>st</sup> of March, June, September & December).
- Prepare a report setting out the analysis and the findings.

### 3. Overshadowing

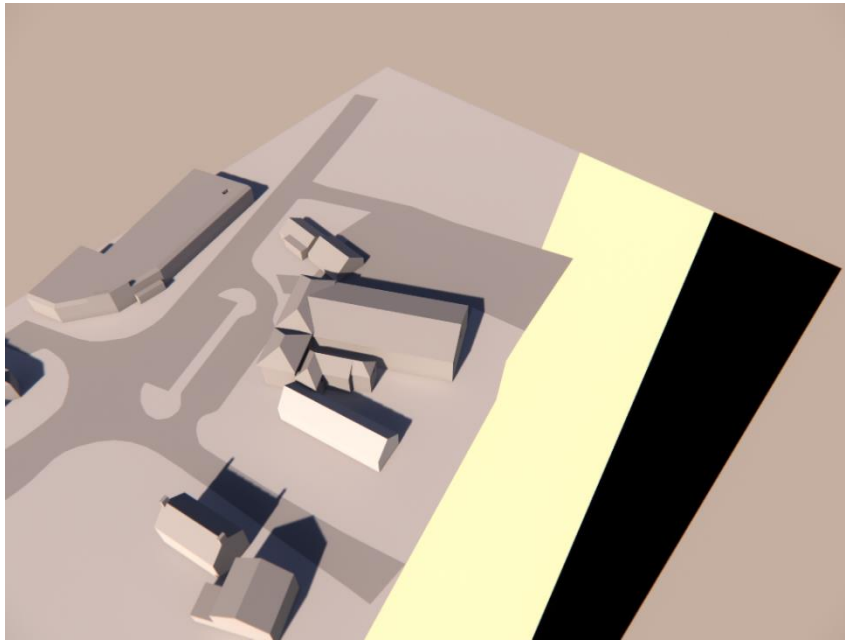
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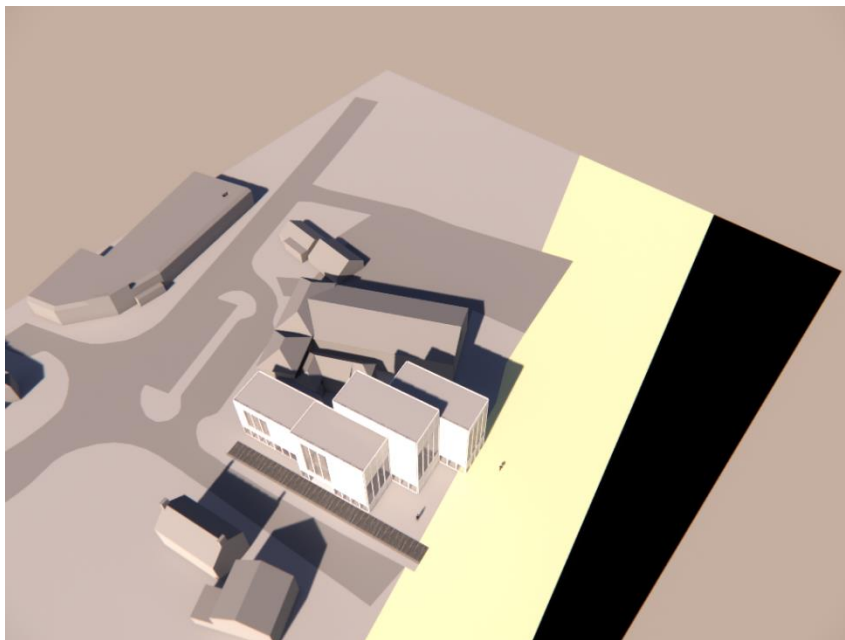
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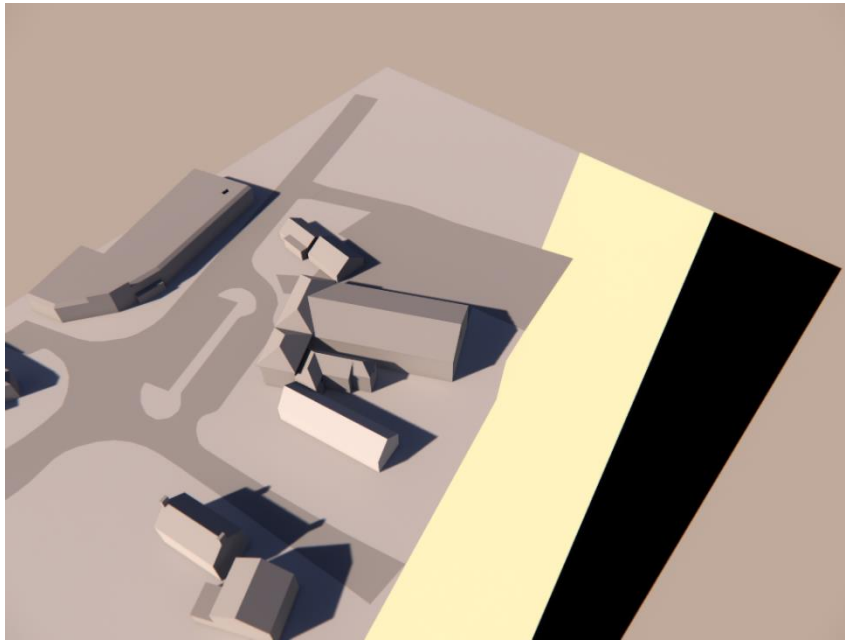
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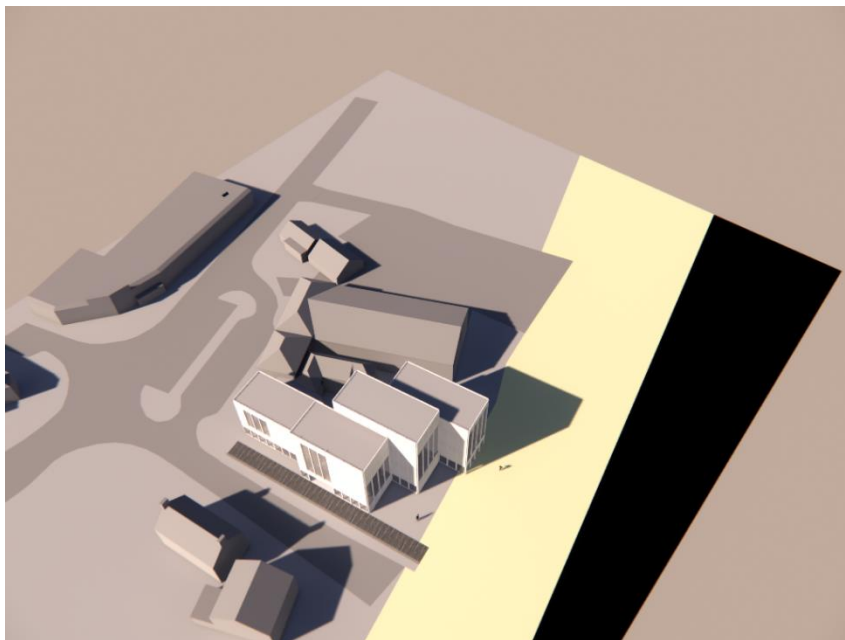
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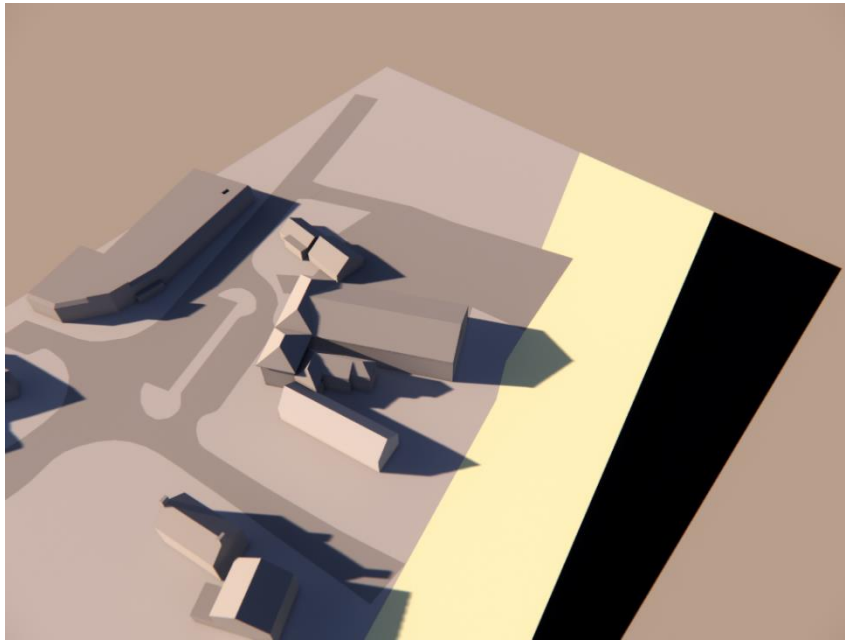


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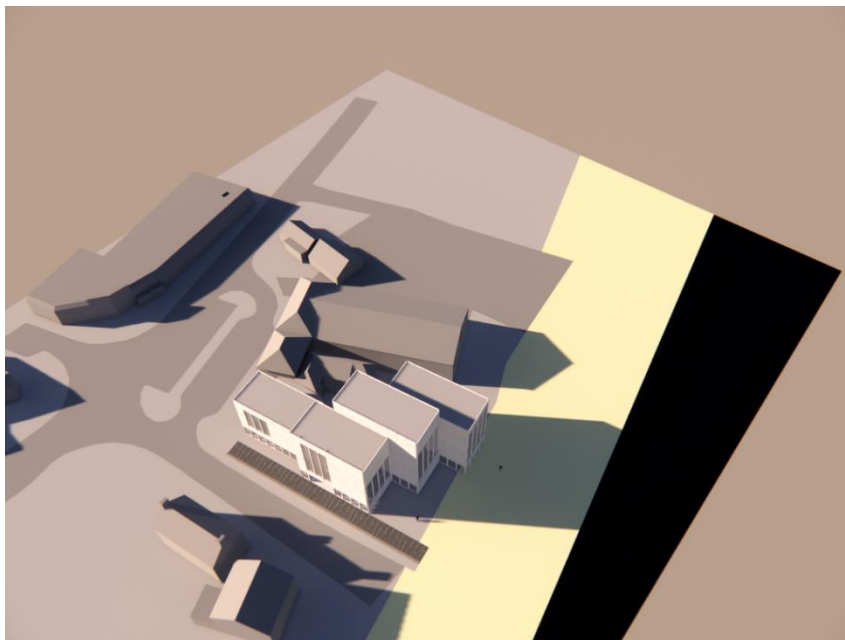


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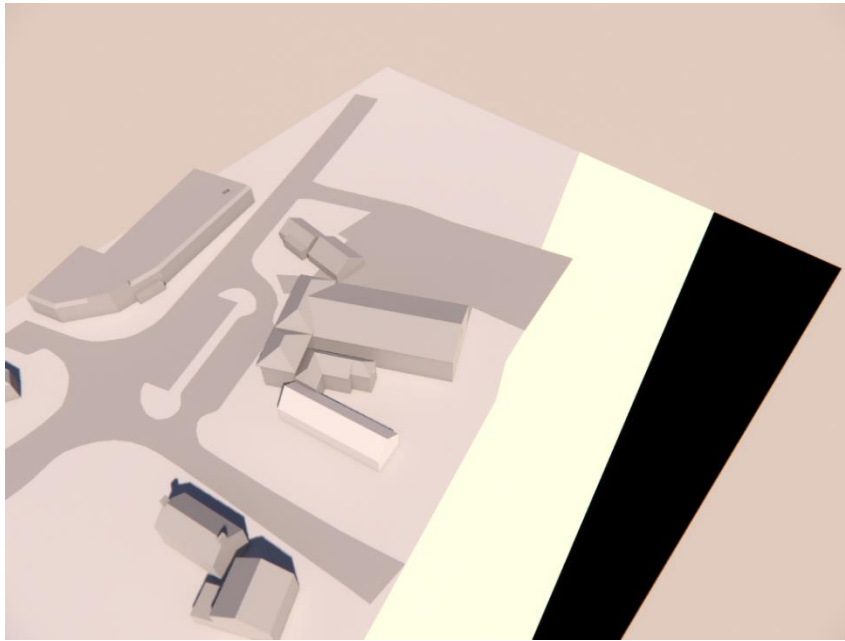




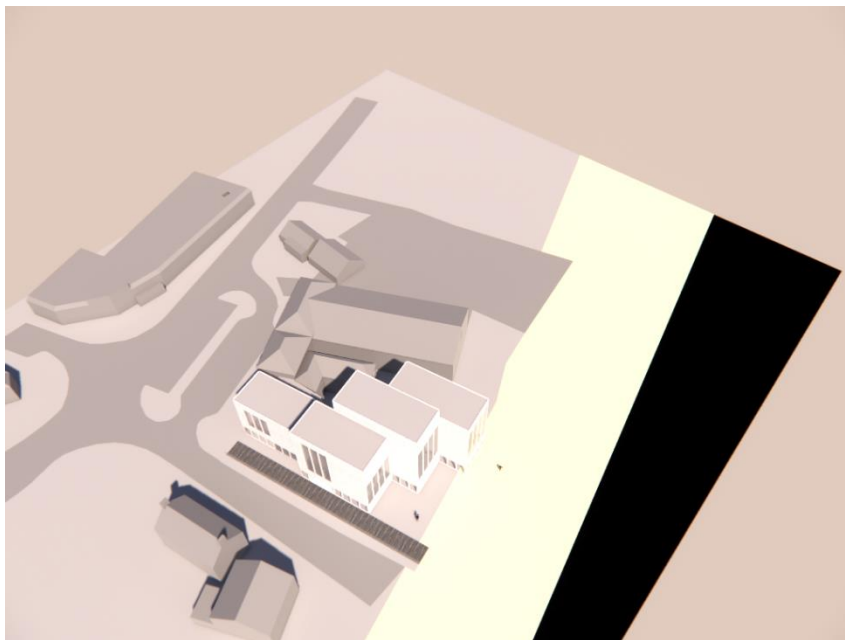
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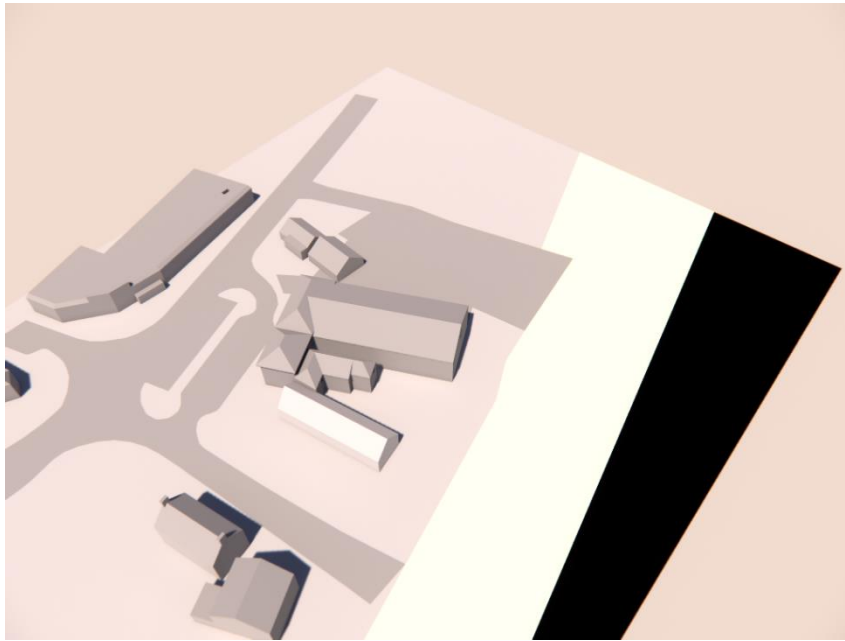
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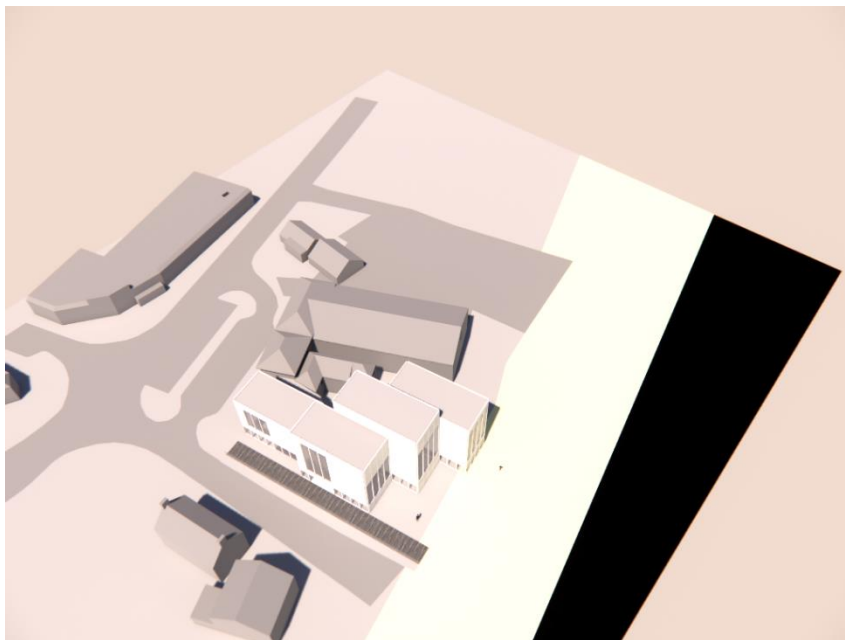
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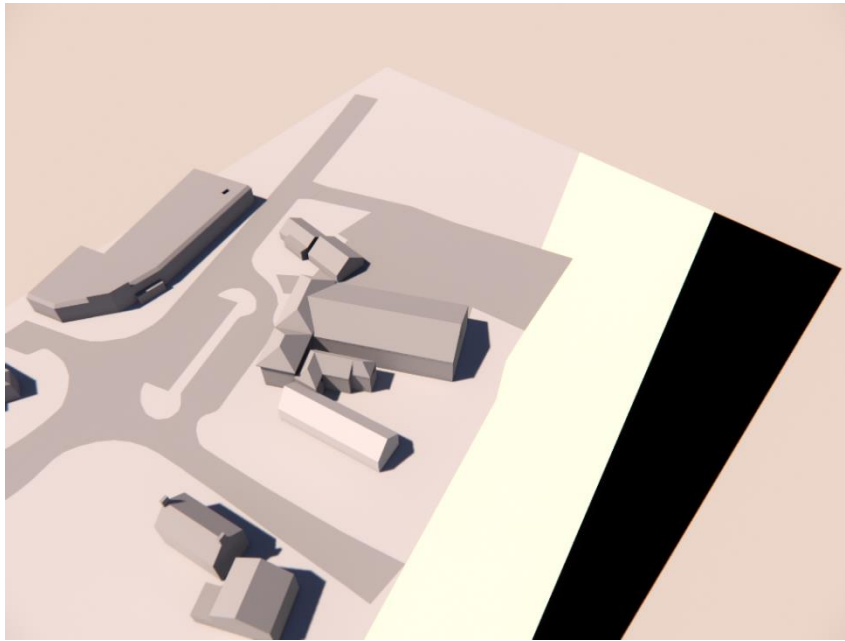
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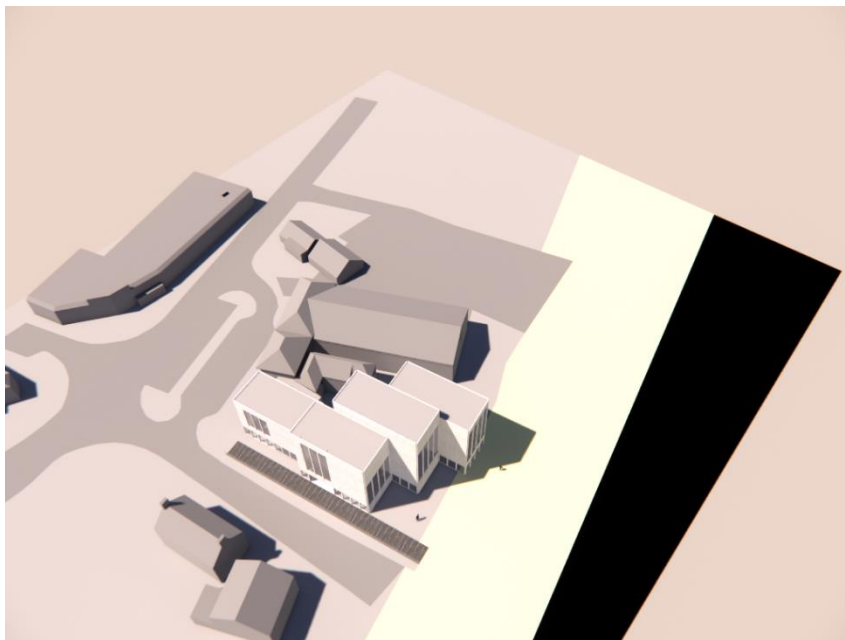
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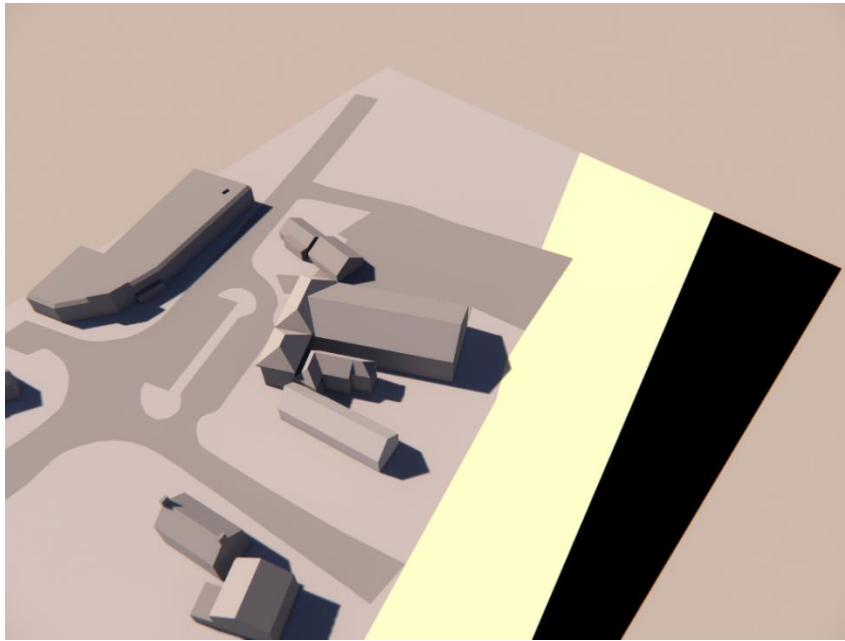
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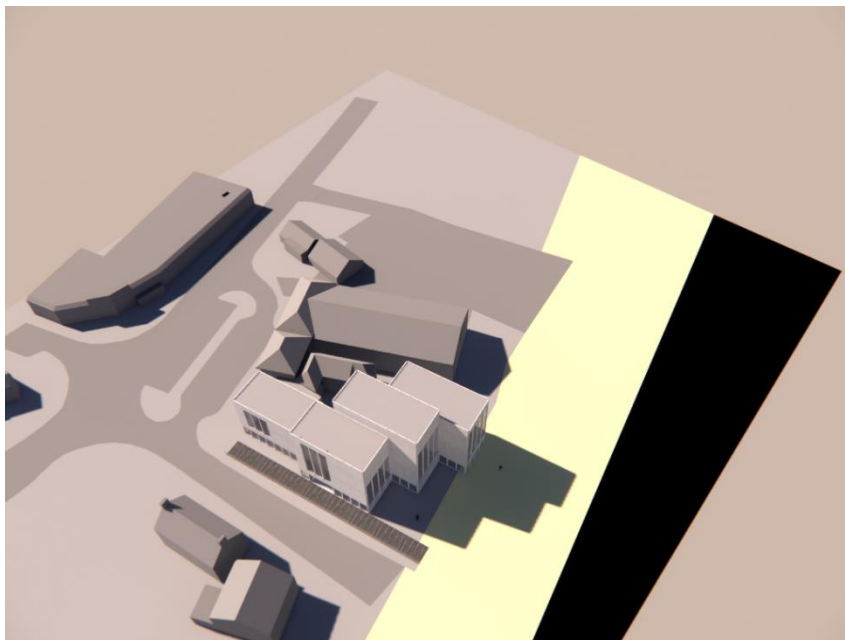
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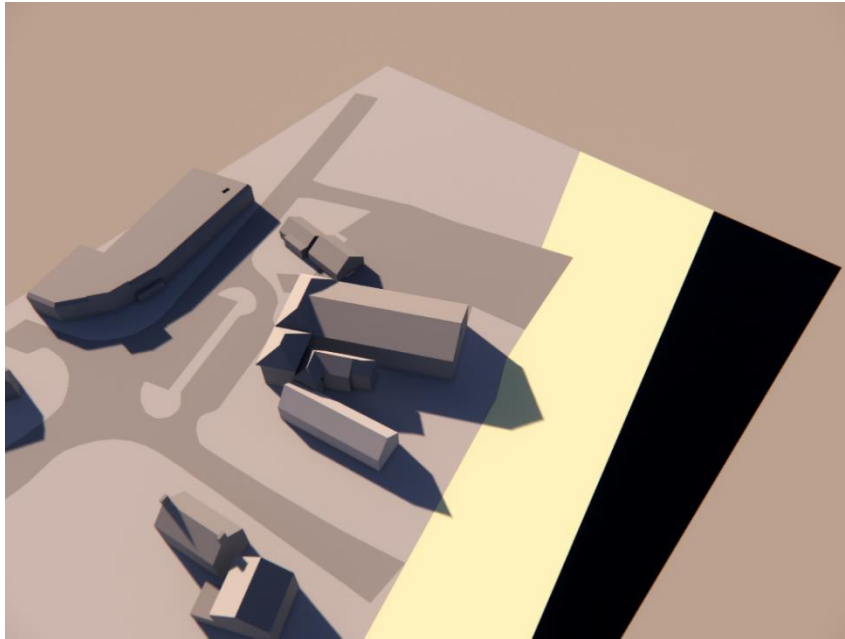
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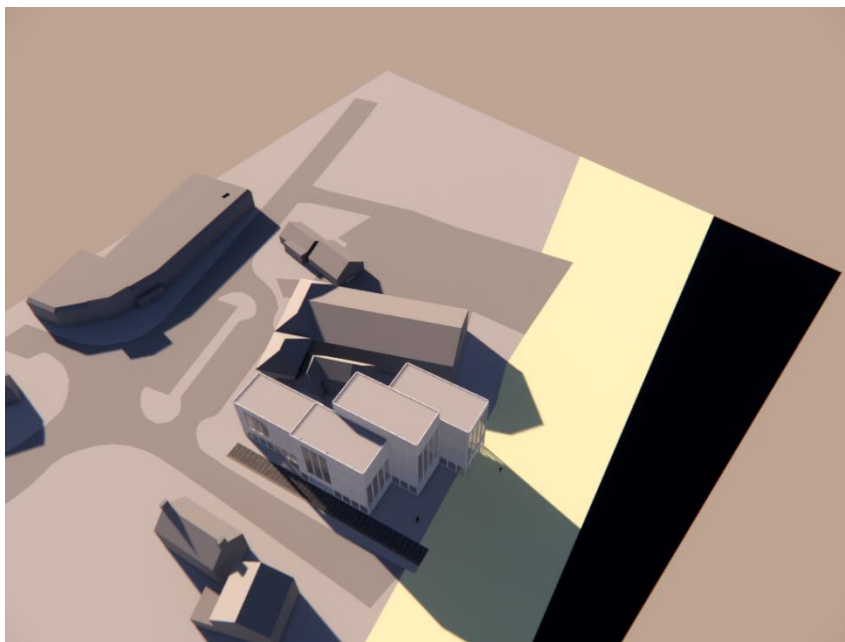
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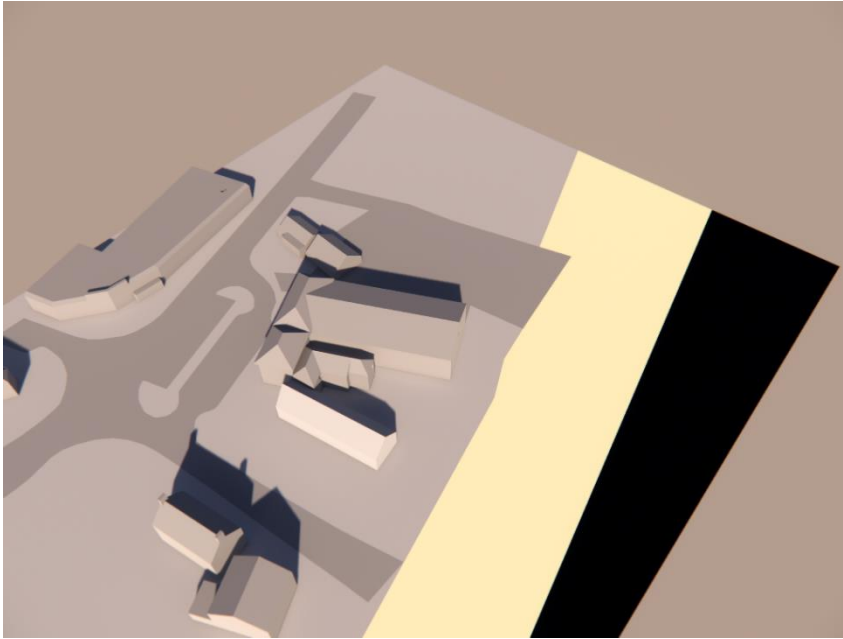
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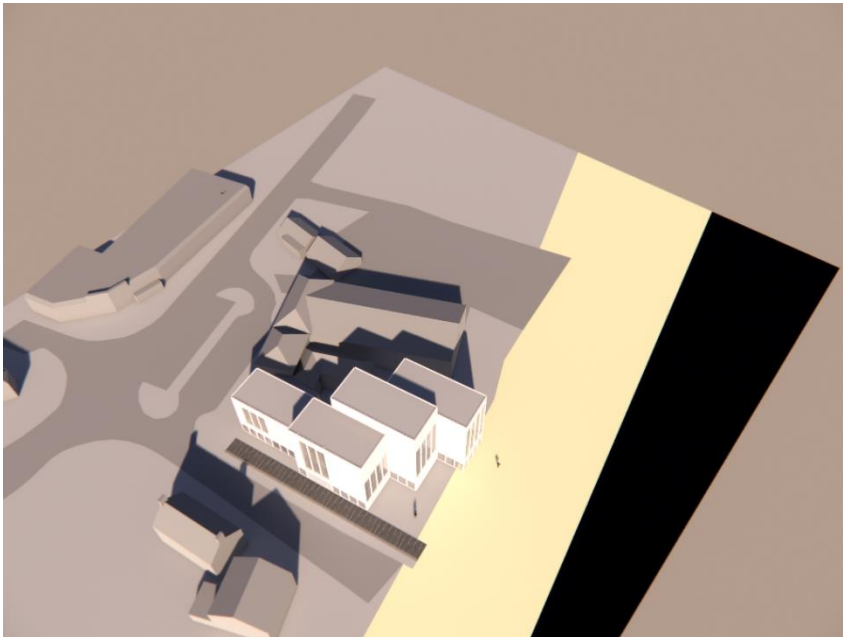
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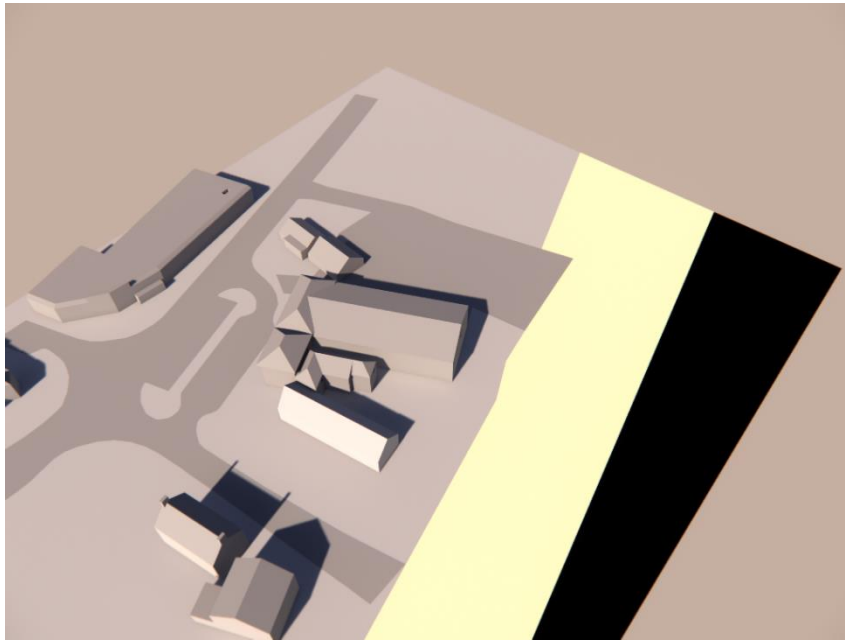
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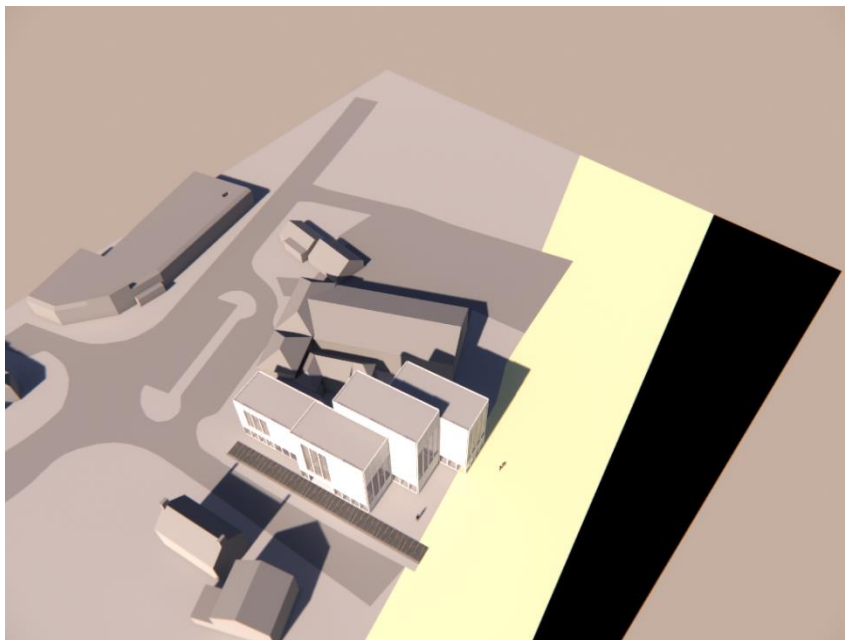
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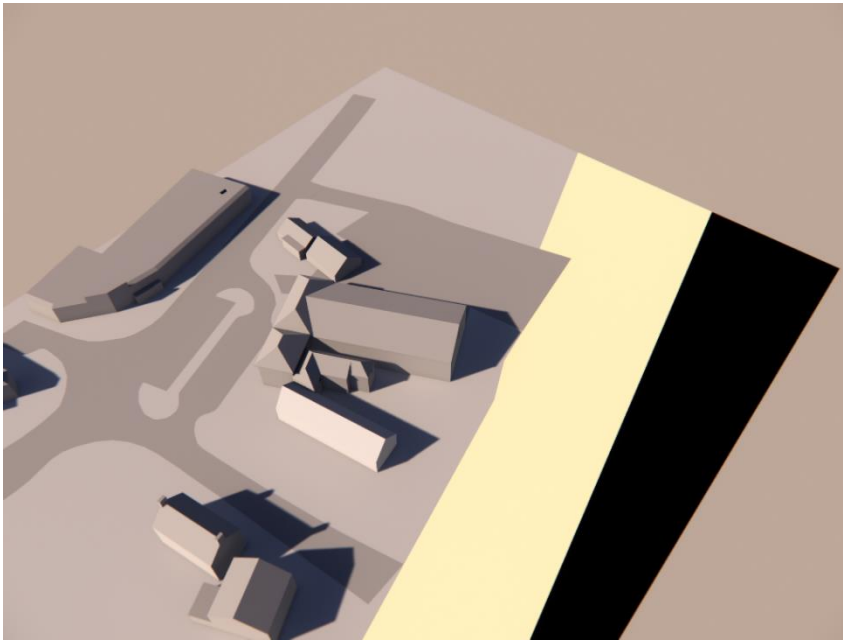


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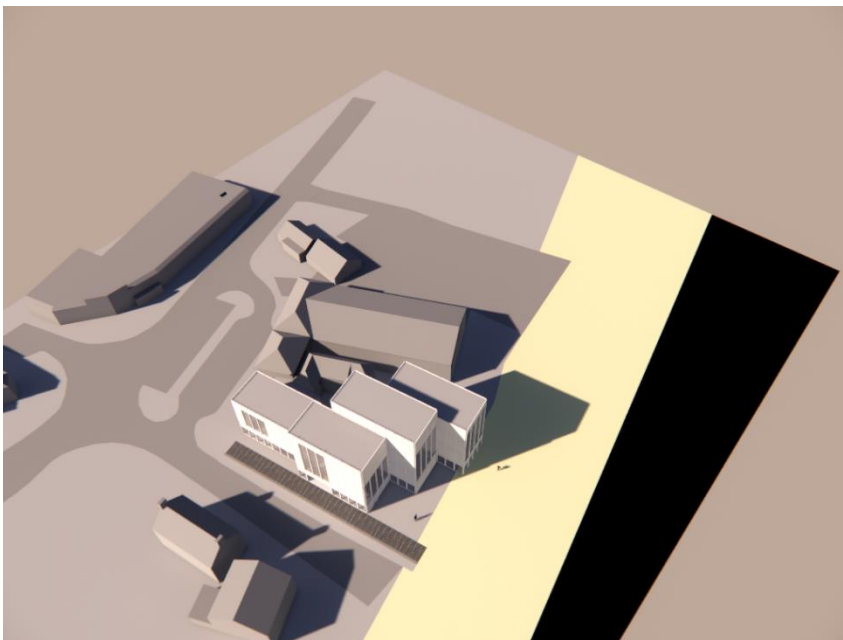


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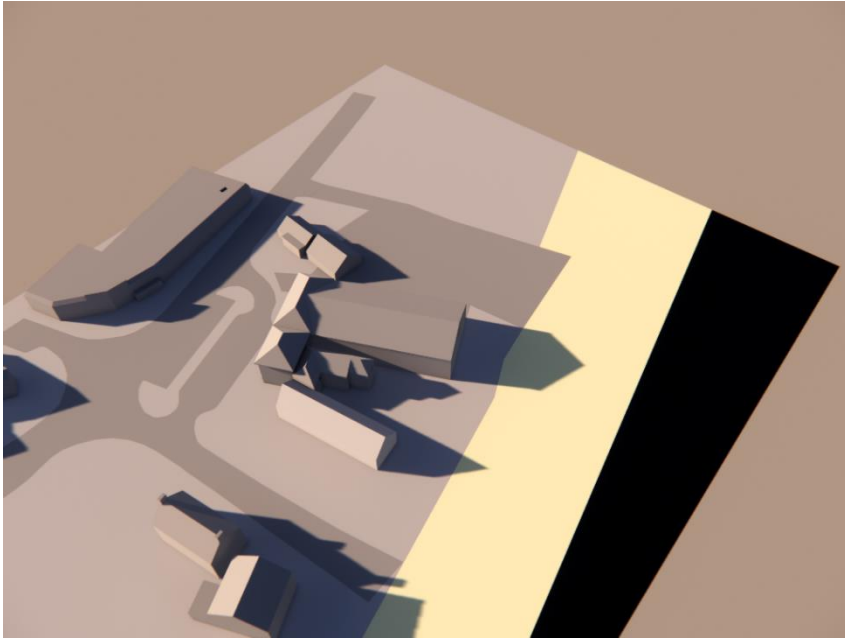




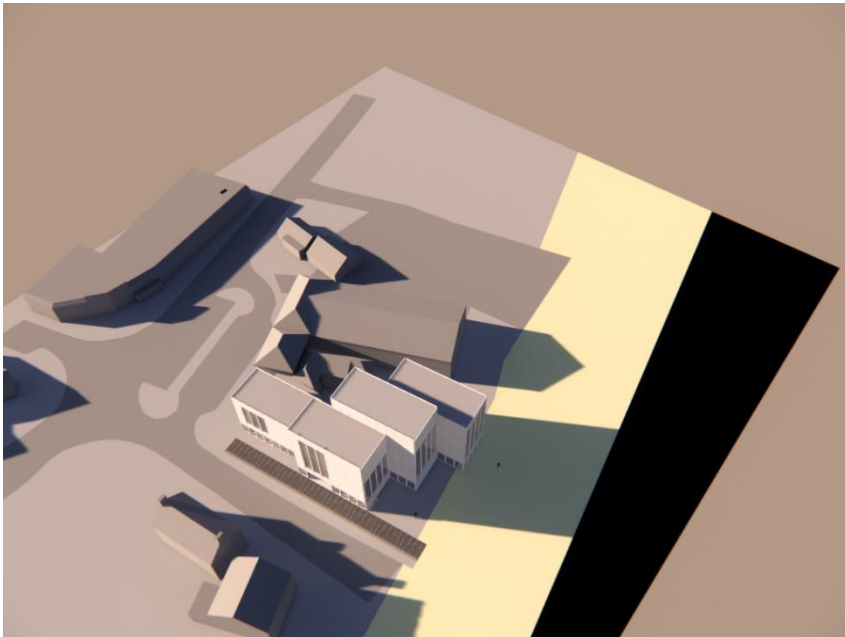
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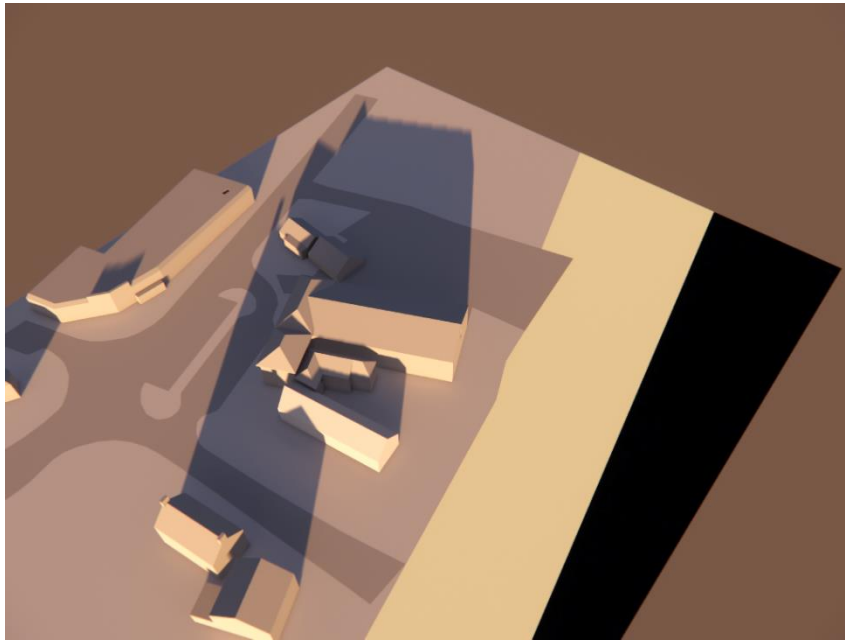
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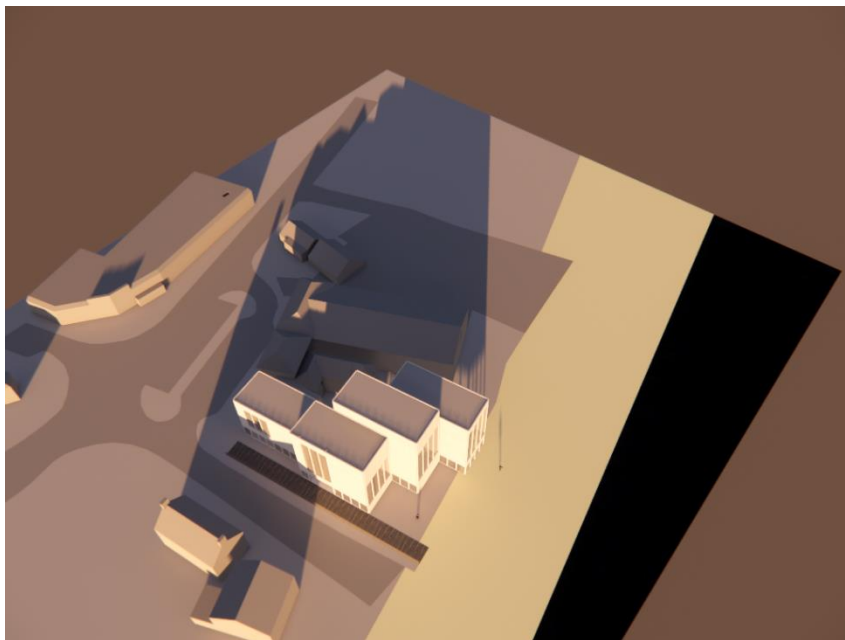
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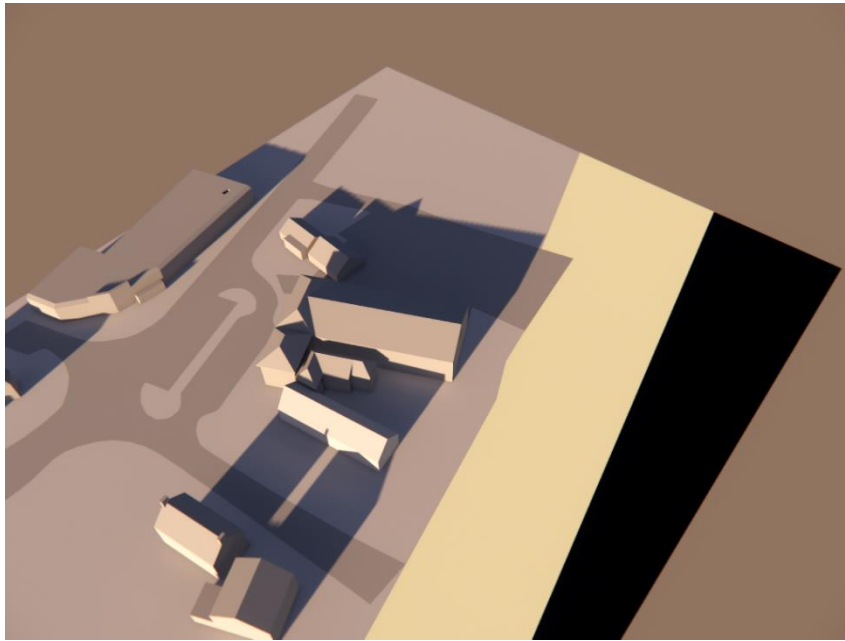
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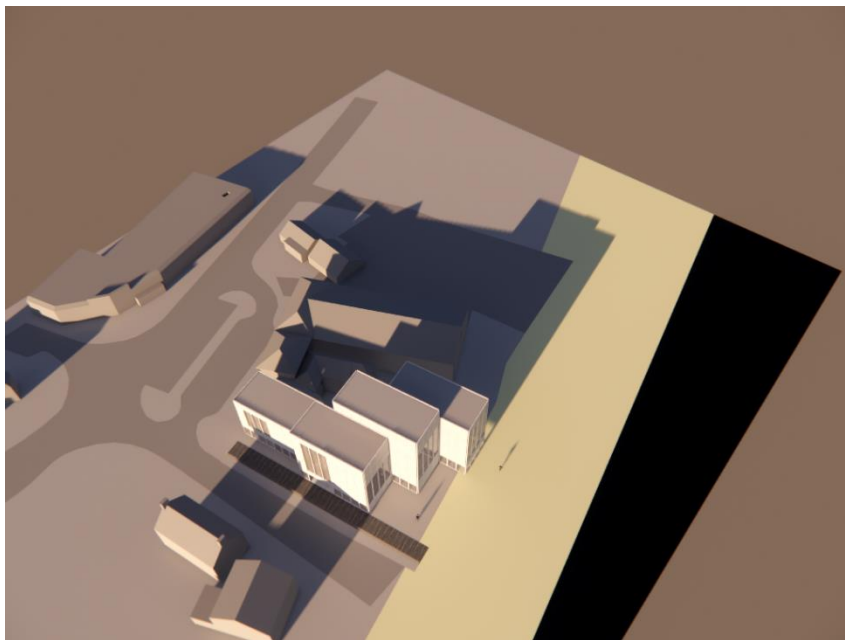
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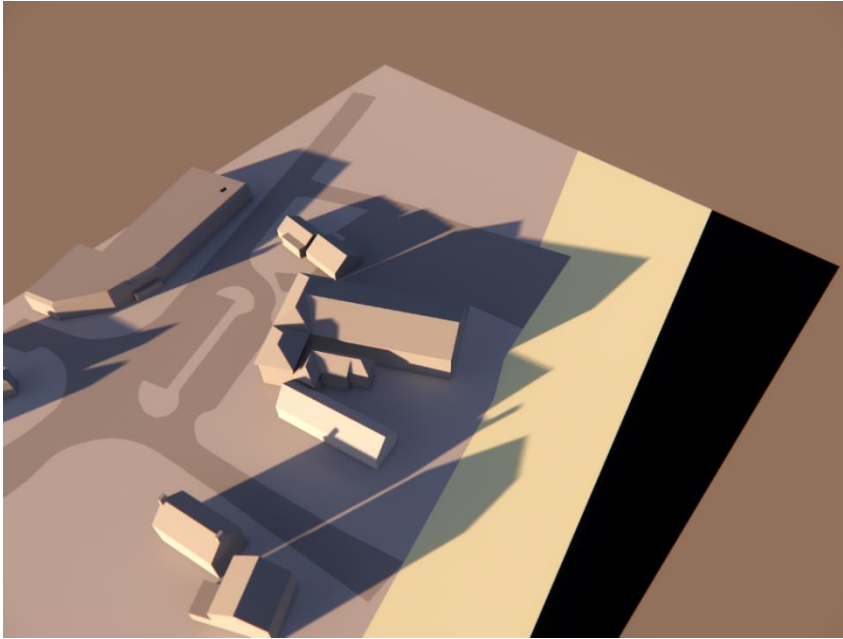
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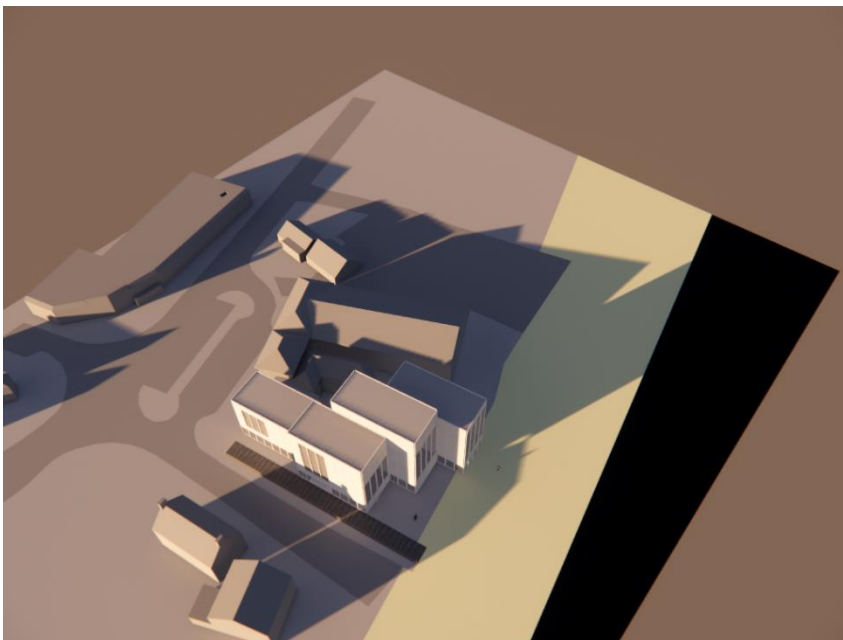
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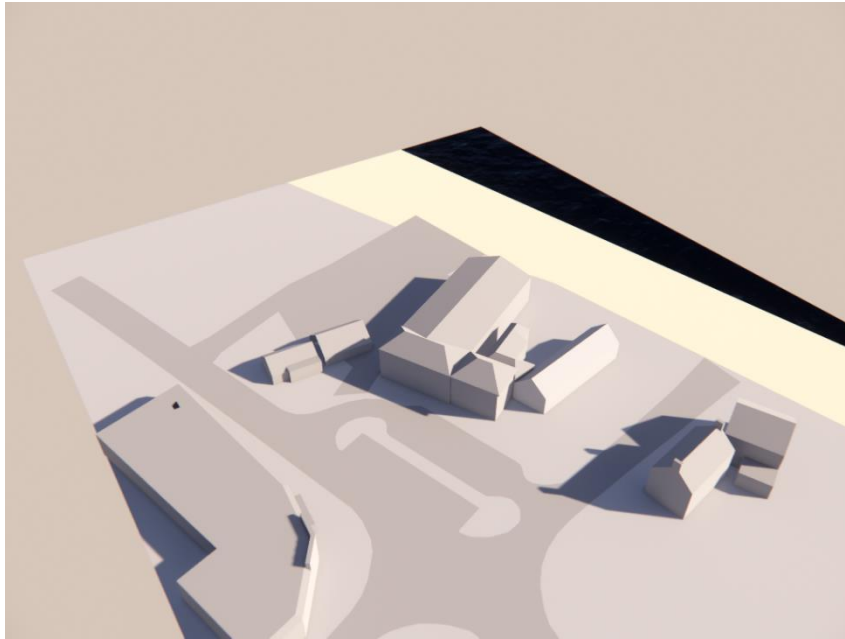


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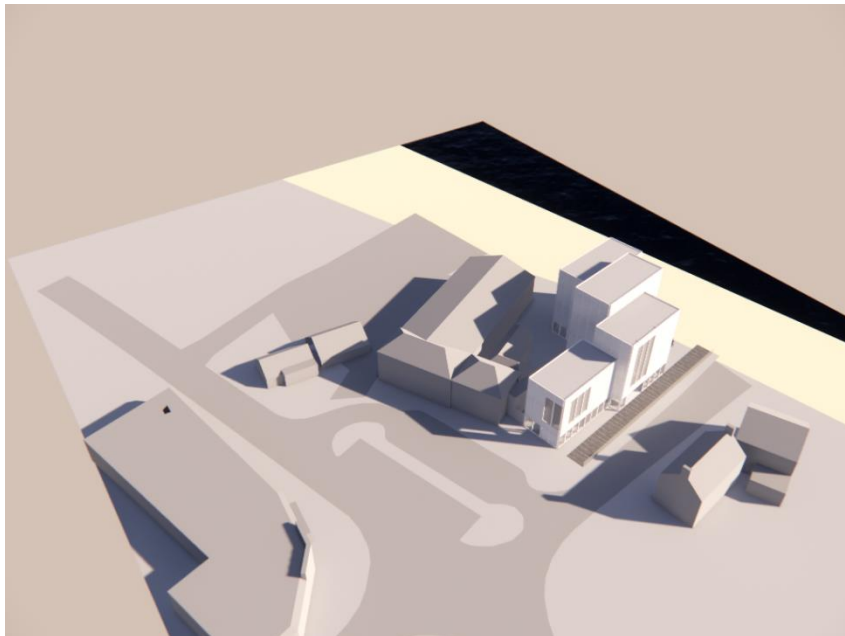


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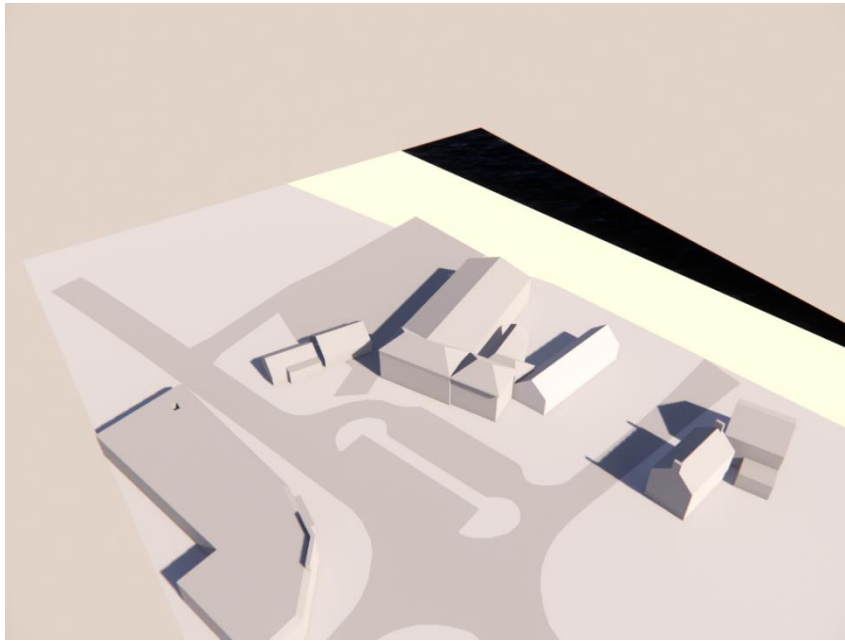
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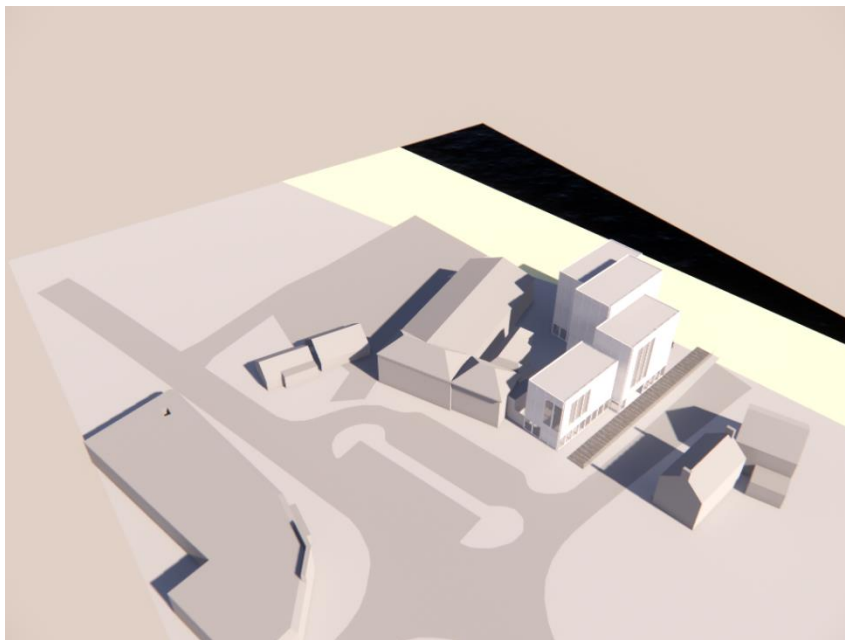
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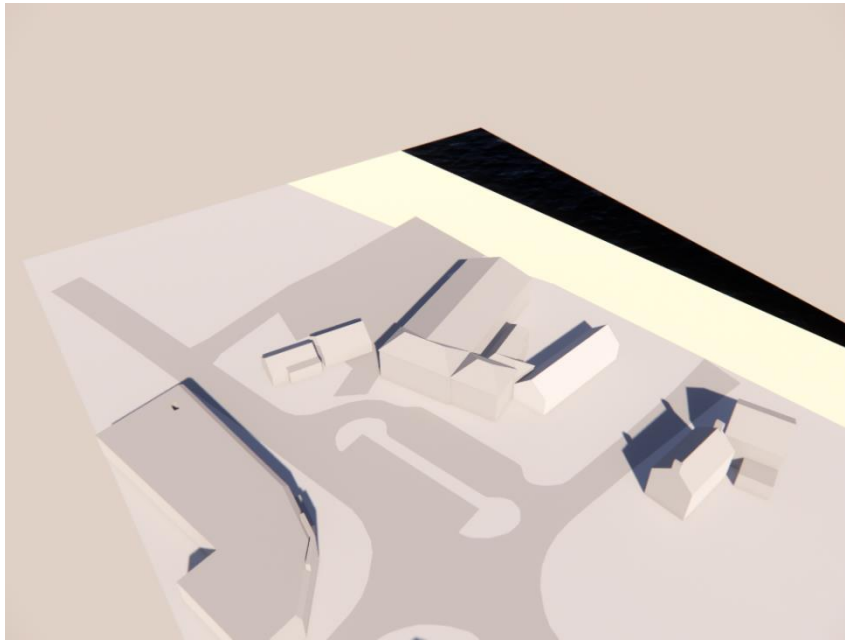


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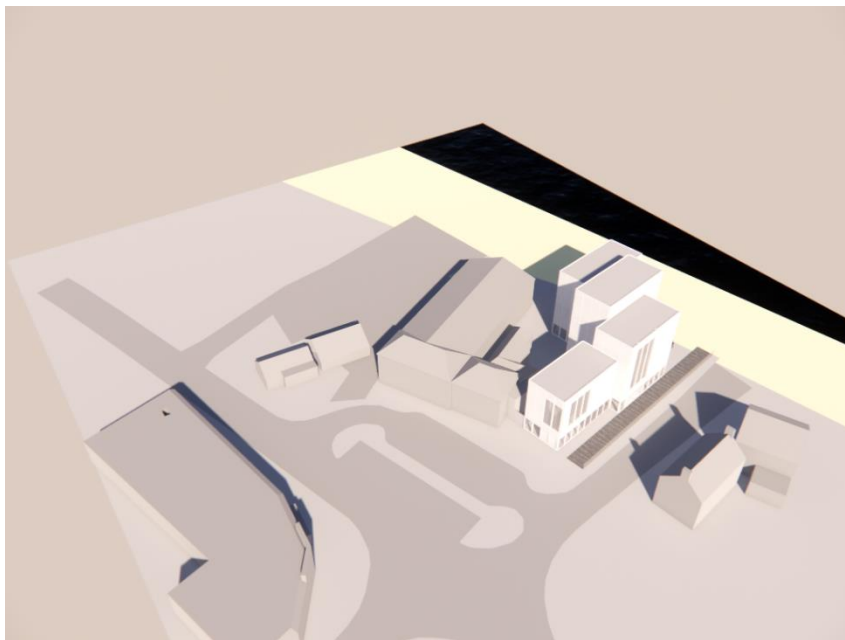


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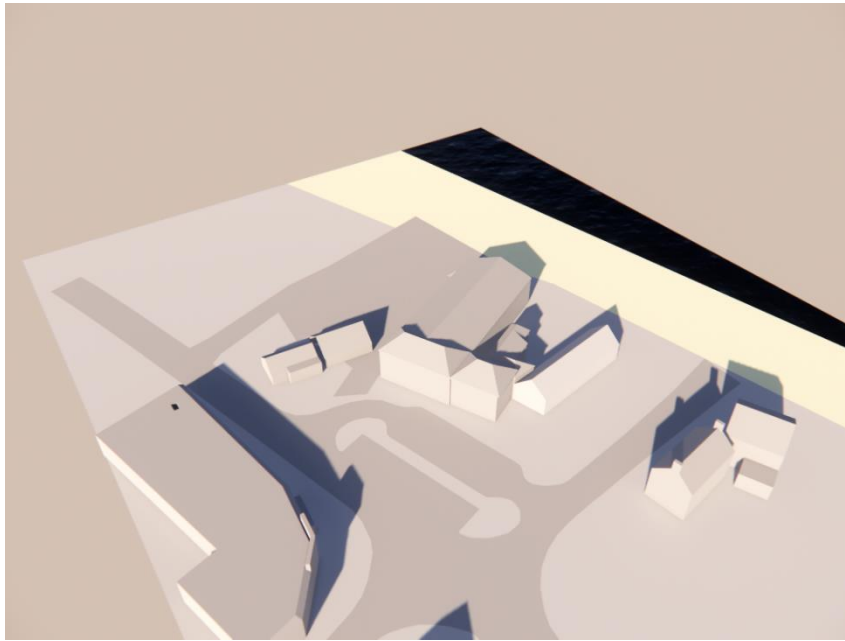




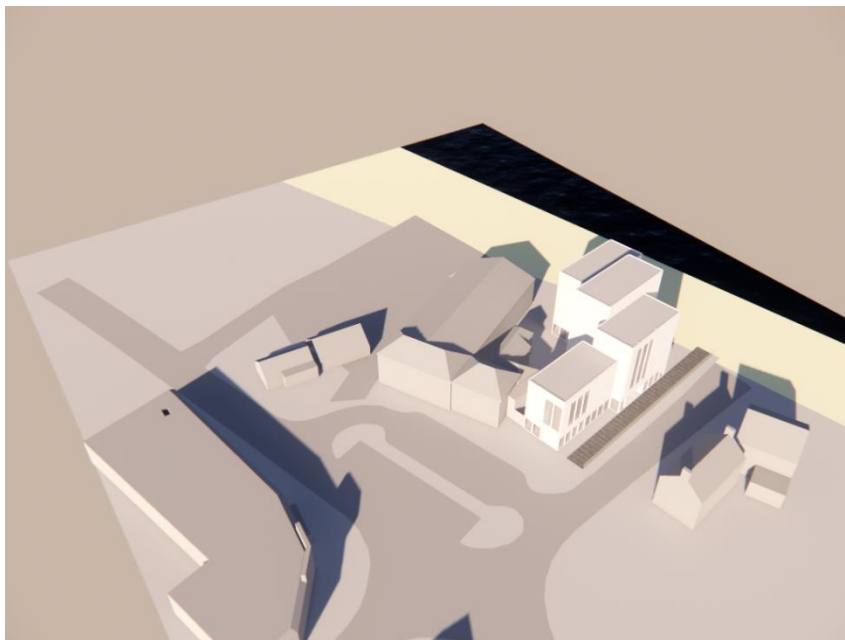
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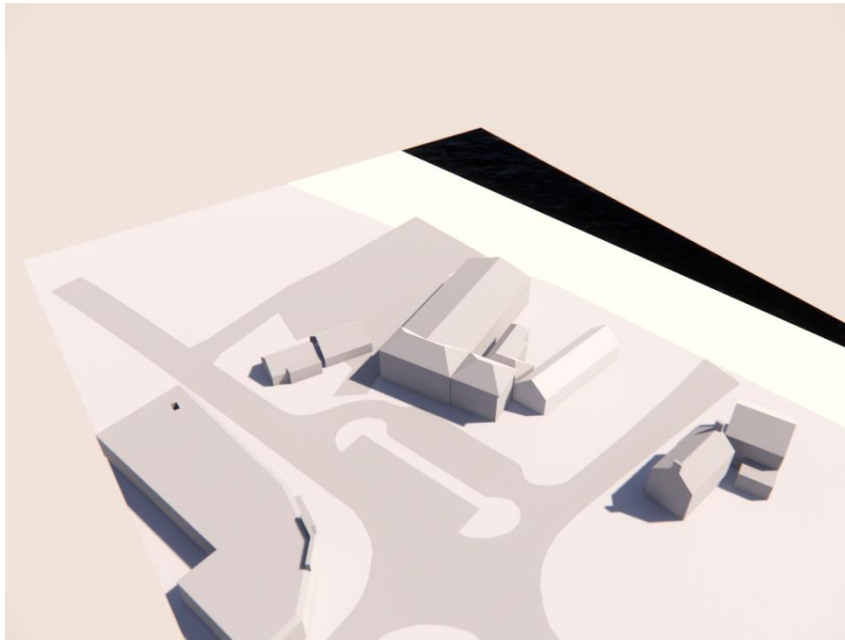
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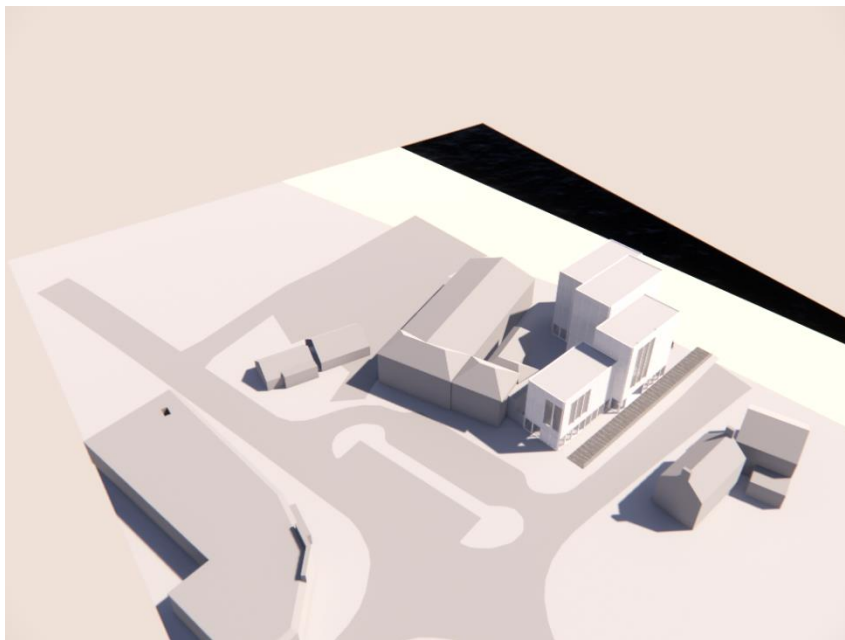
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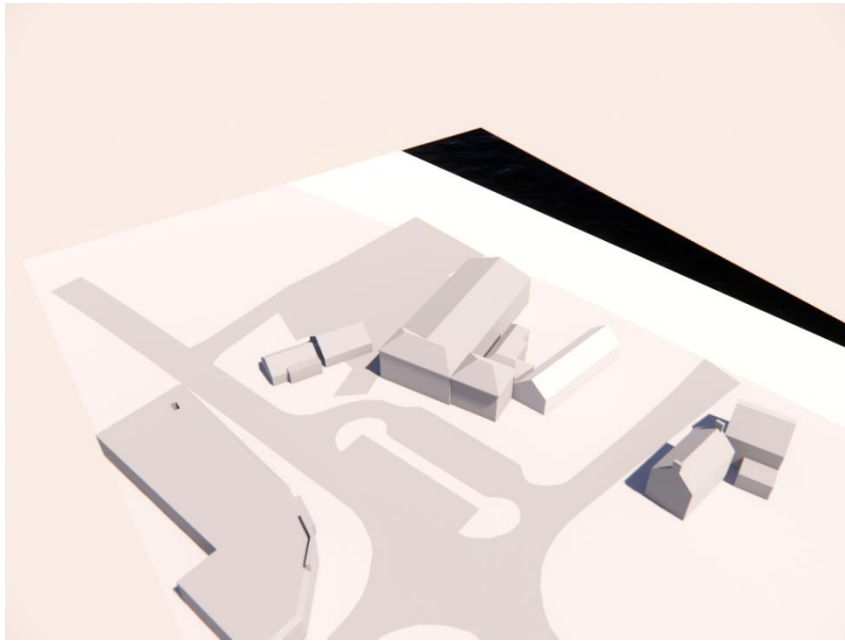
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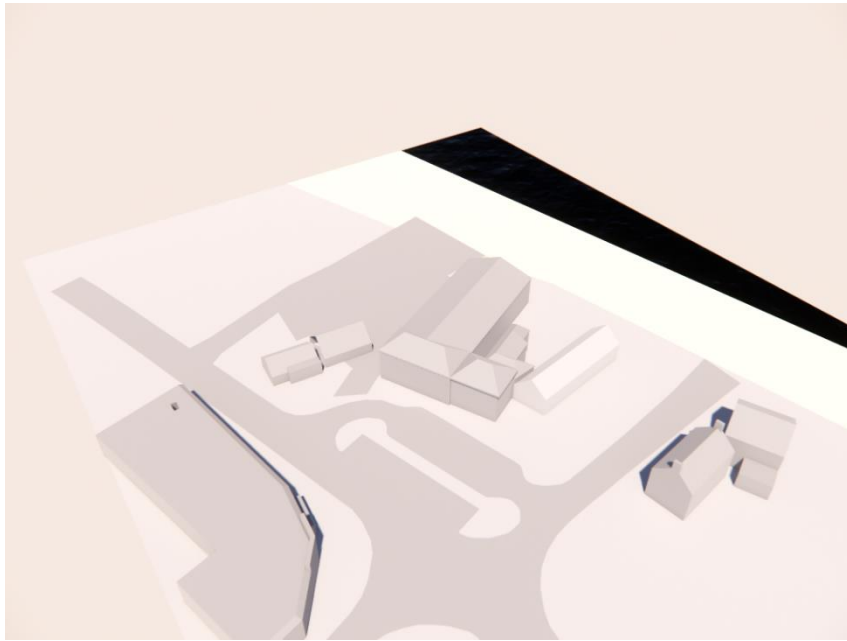
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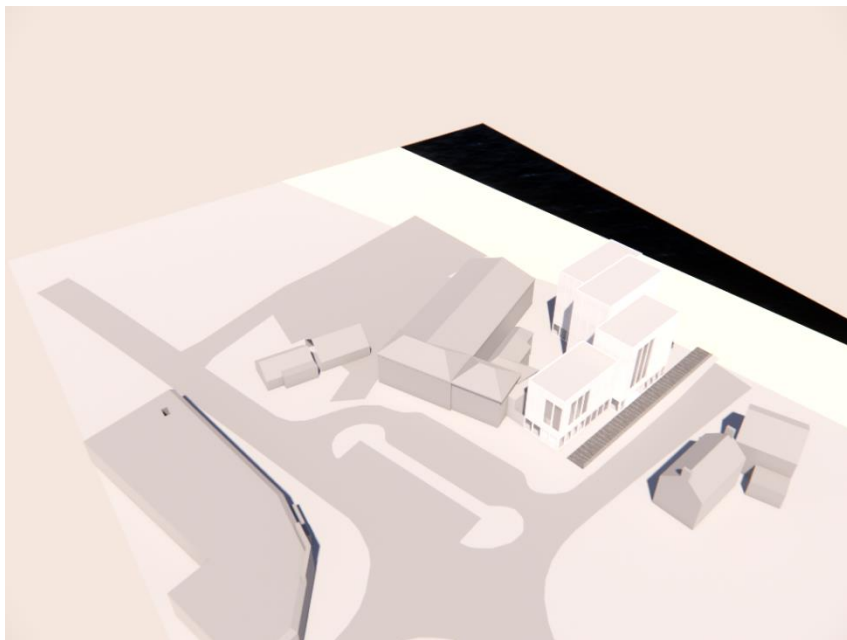
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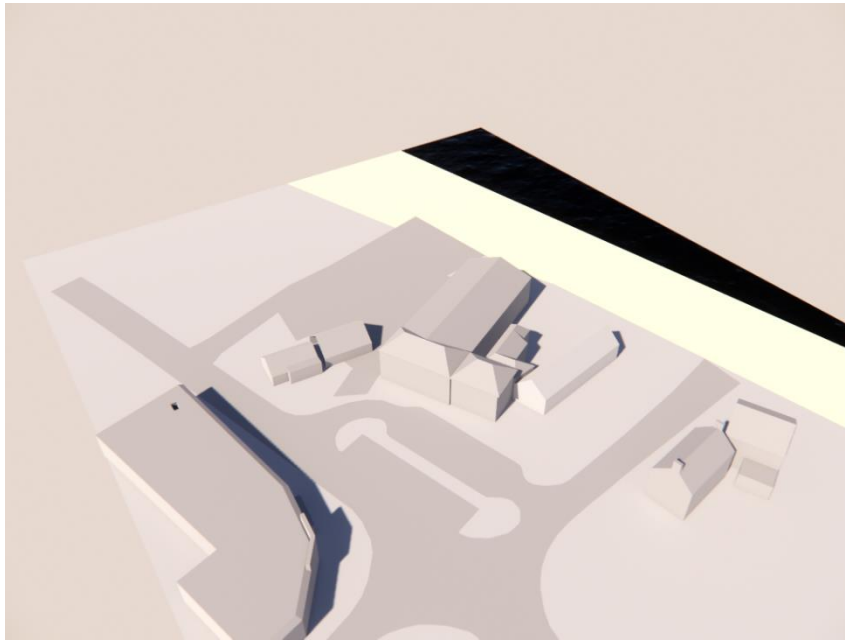
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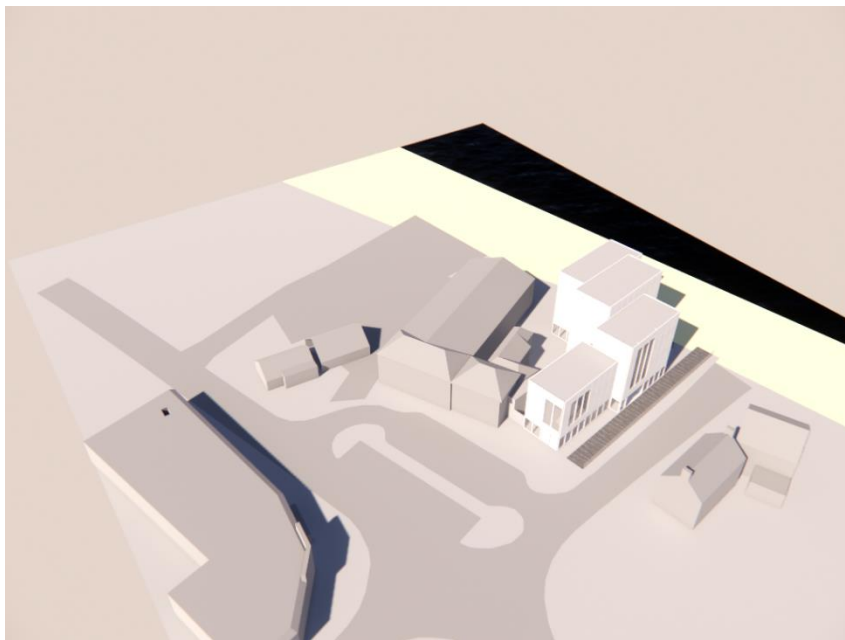
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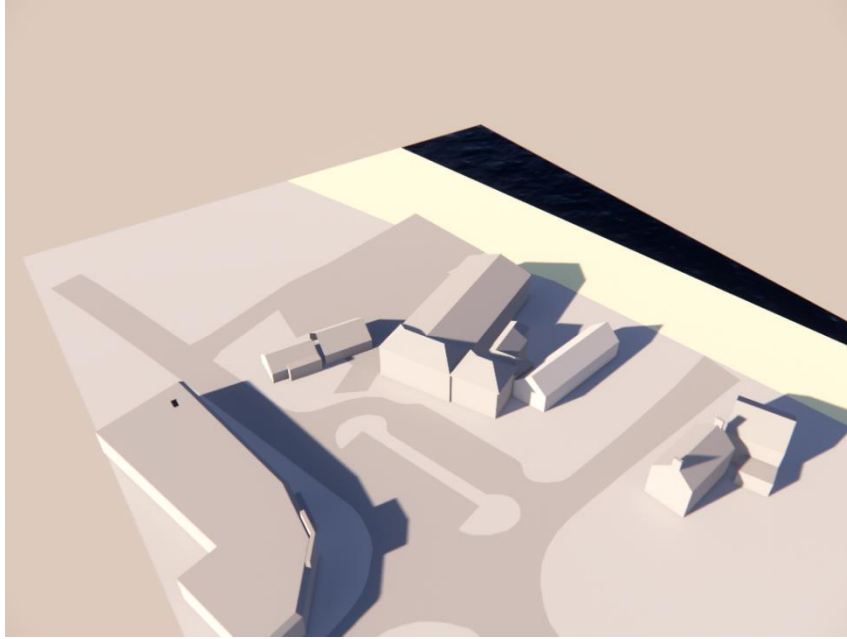
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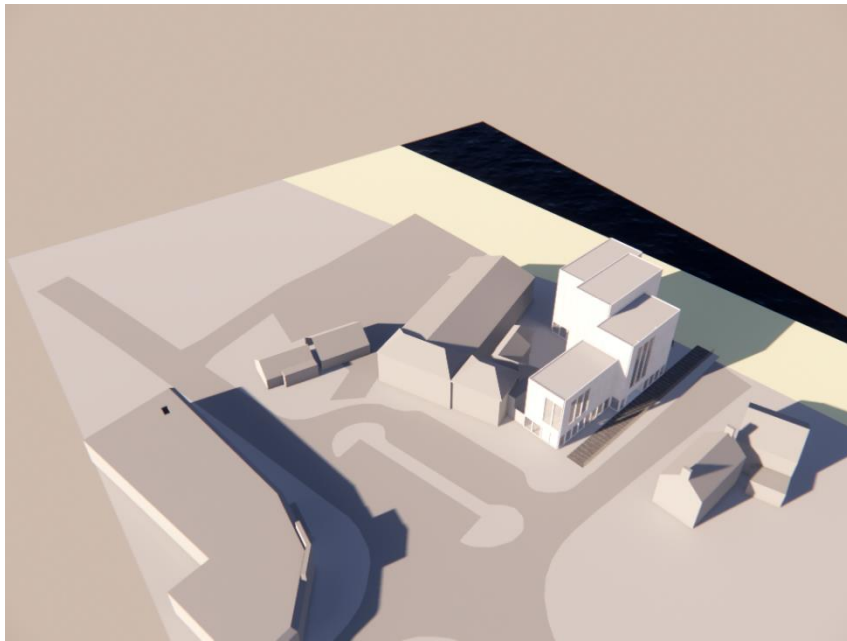
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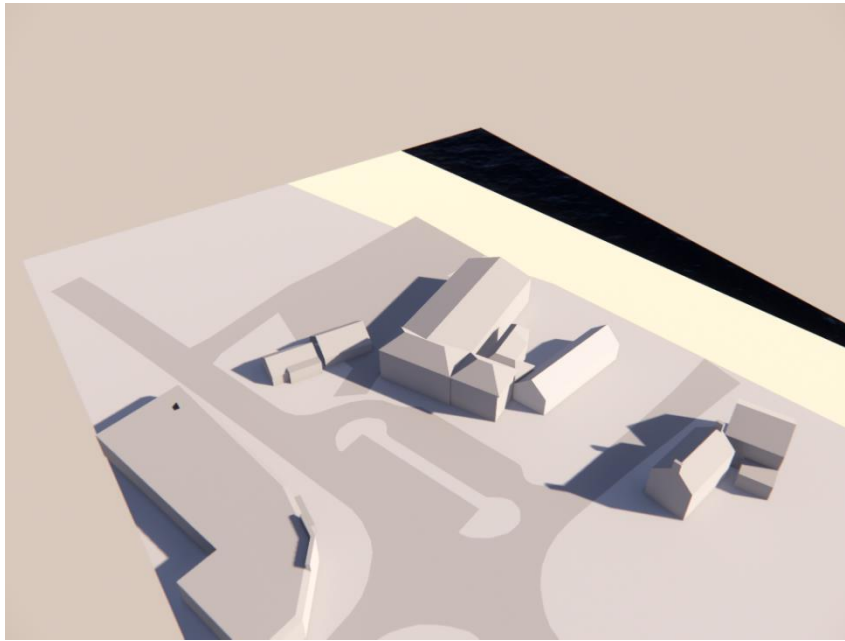
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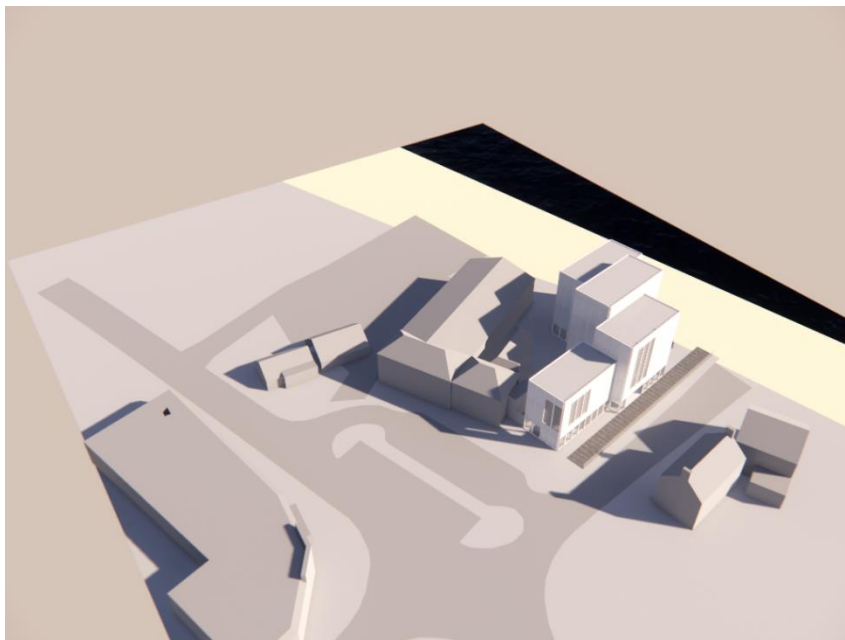
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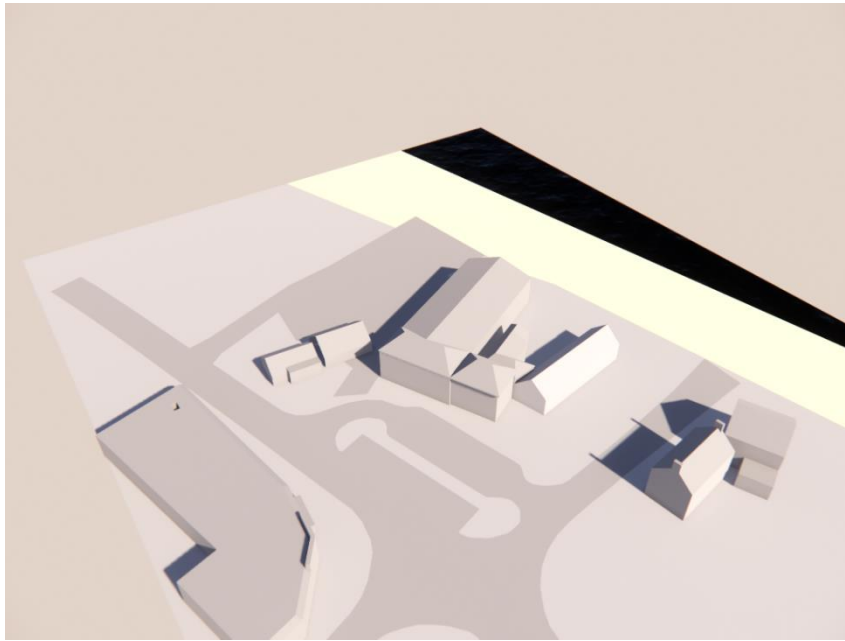


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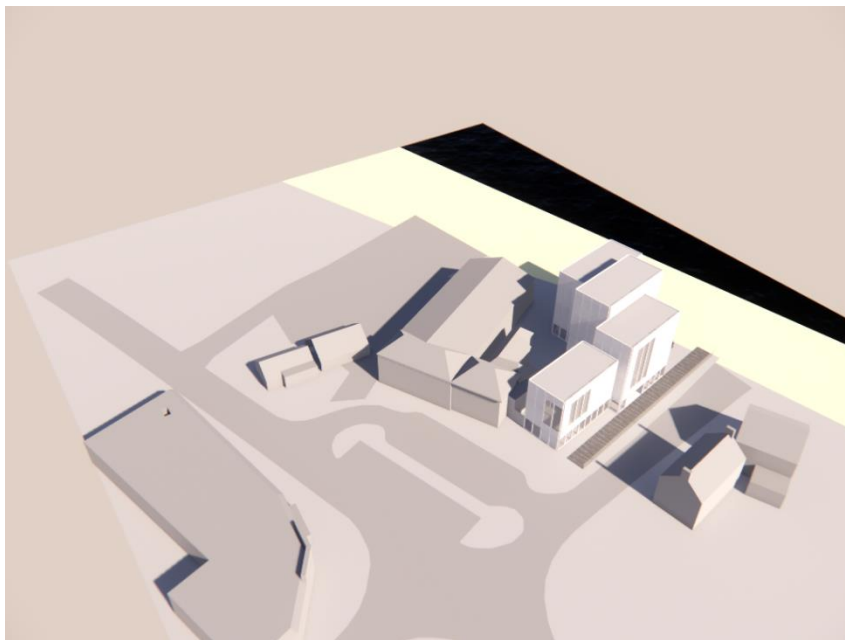


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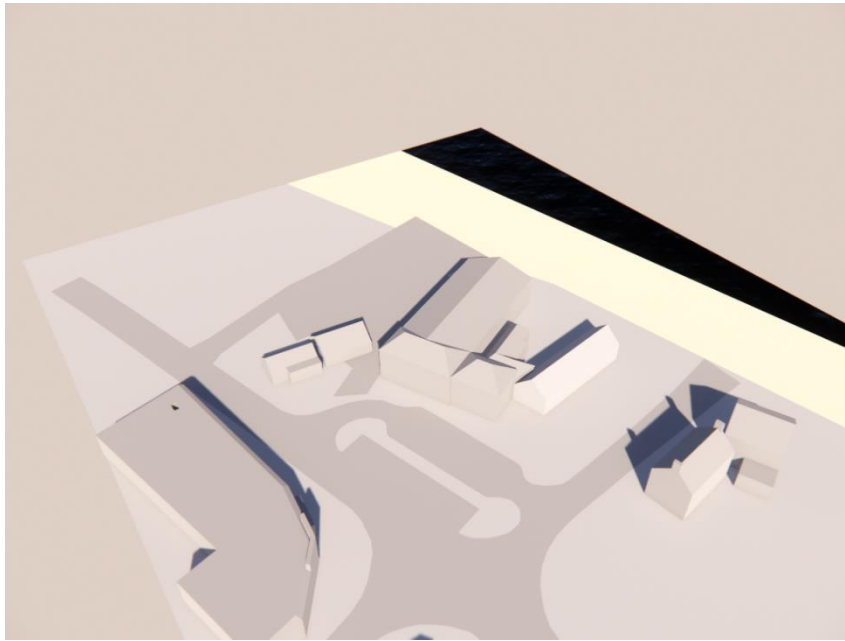




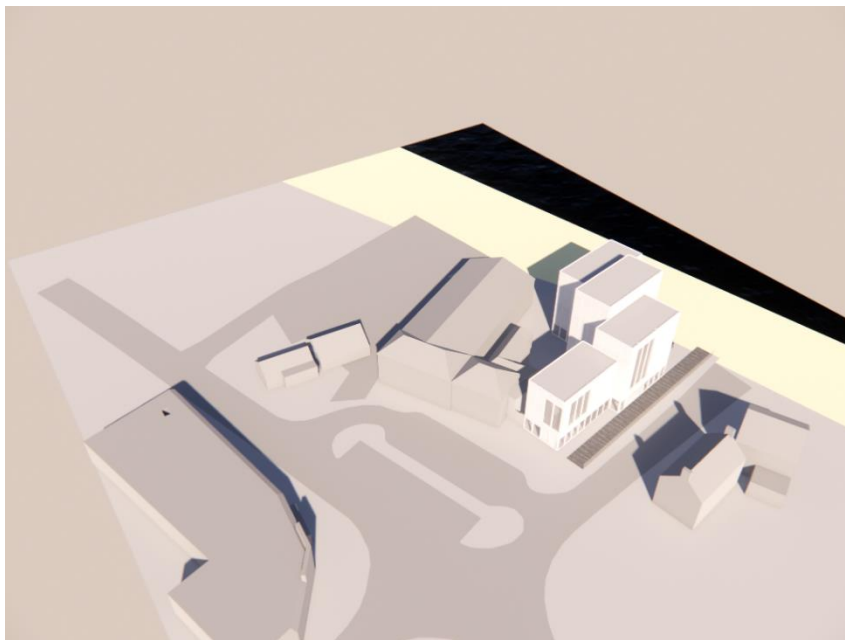
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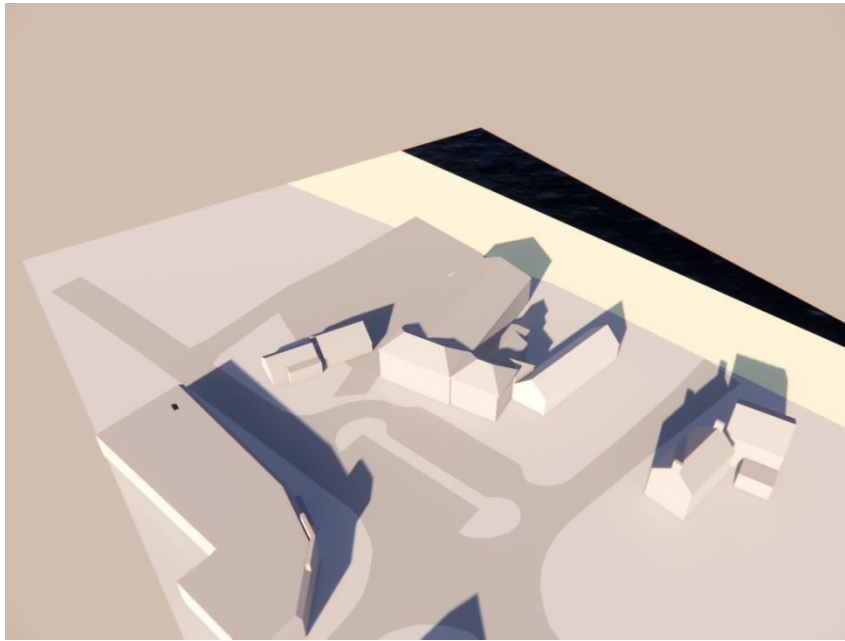
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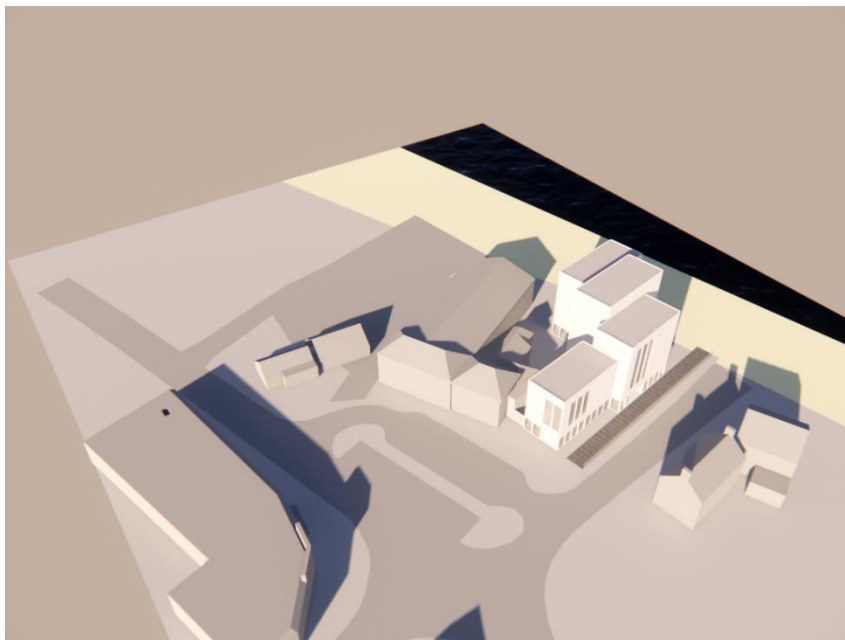
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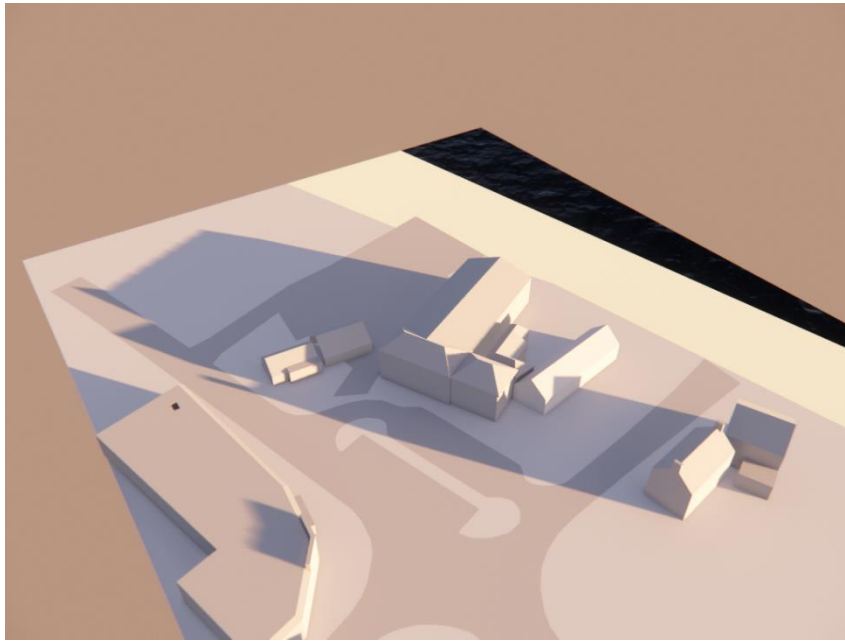
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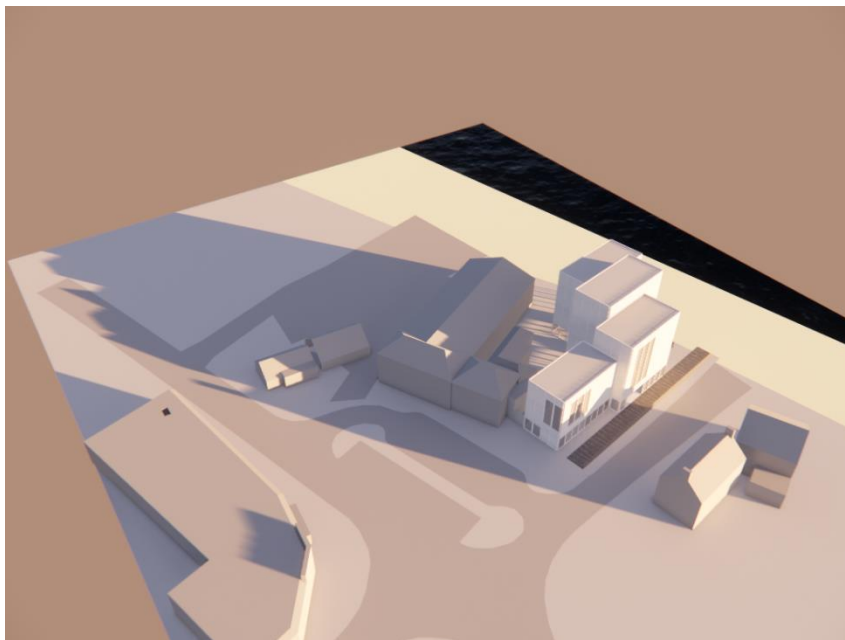
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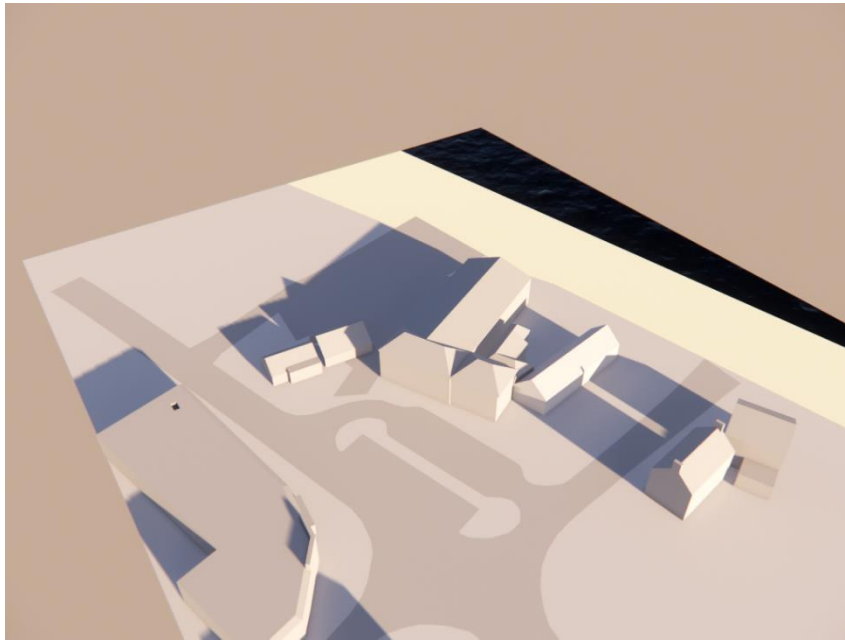
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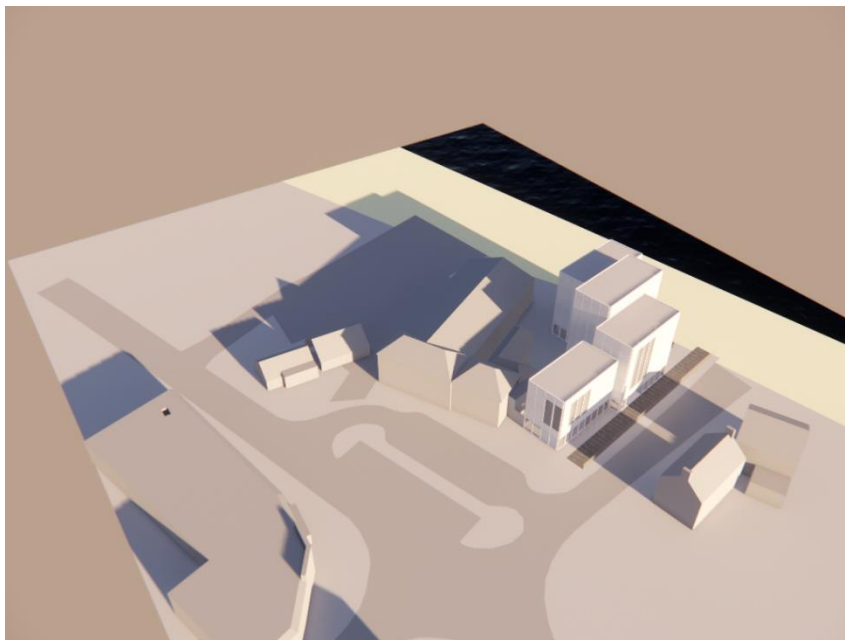
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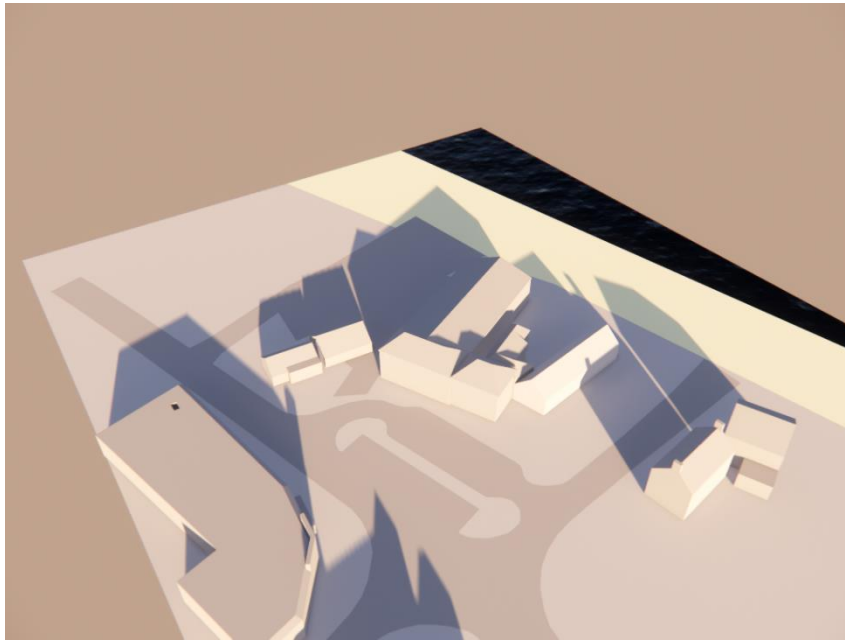
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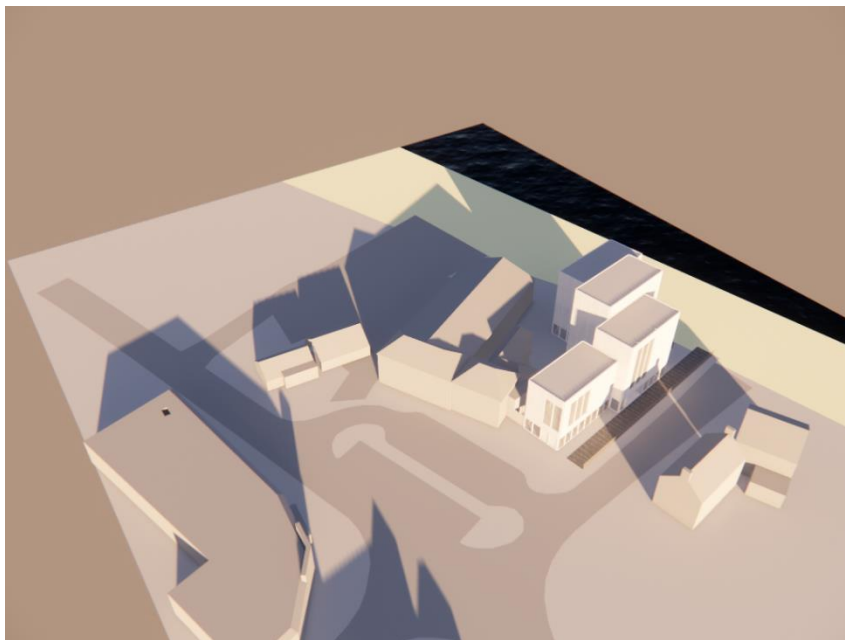
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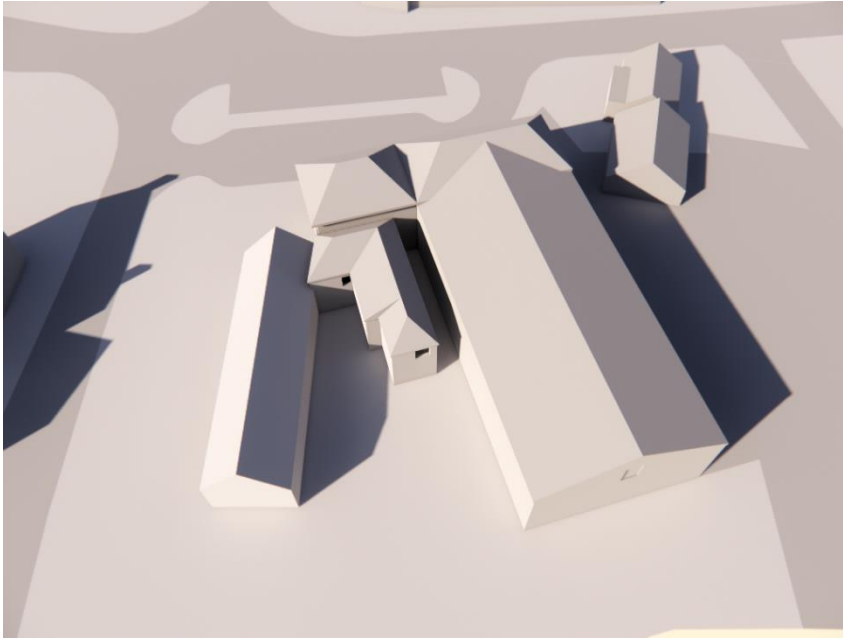


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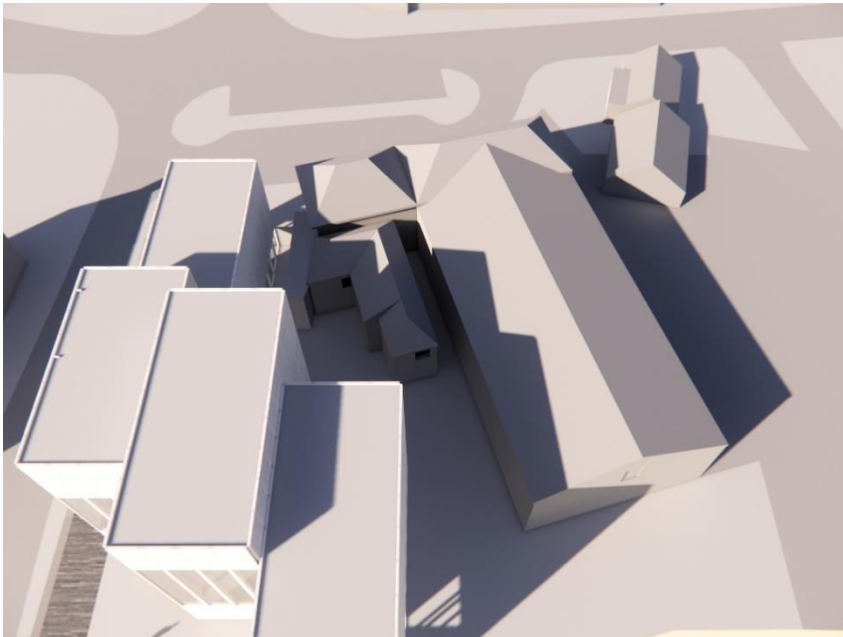


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# Angle 3

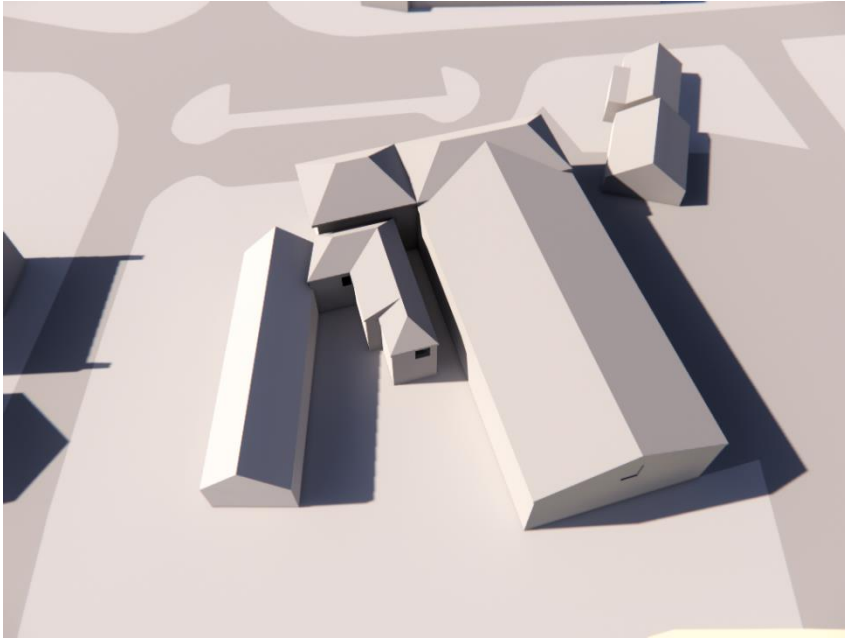


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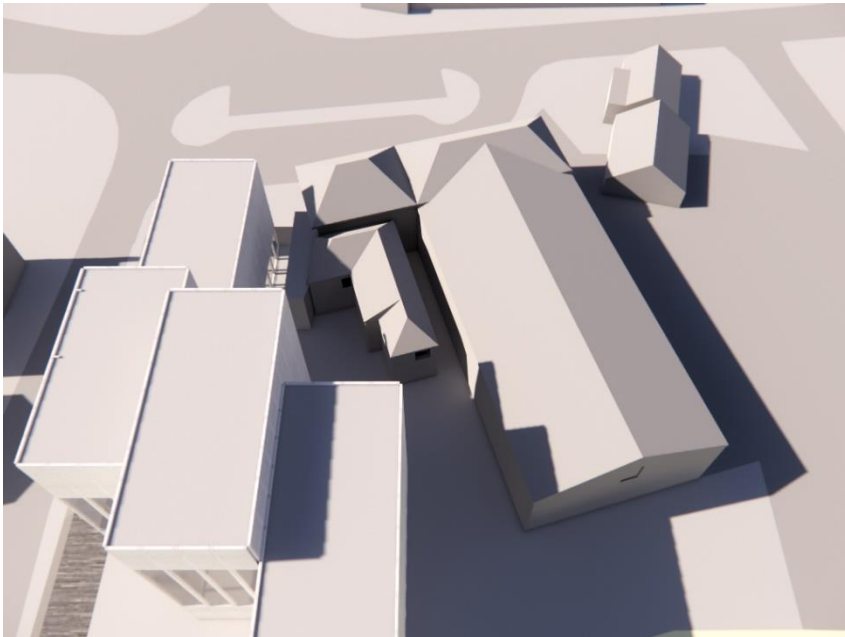


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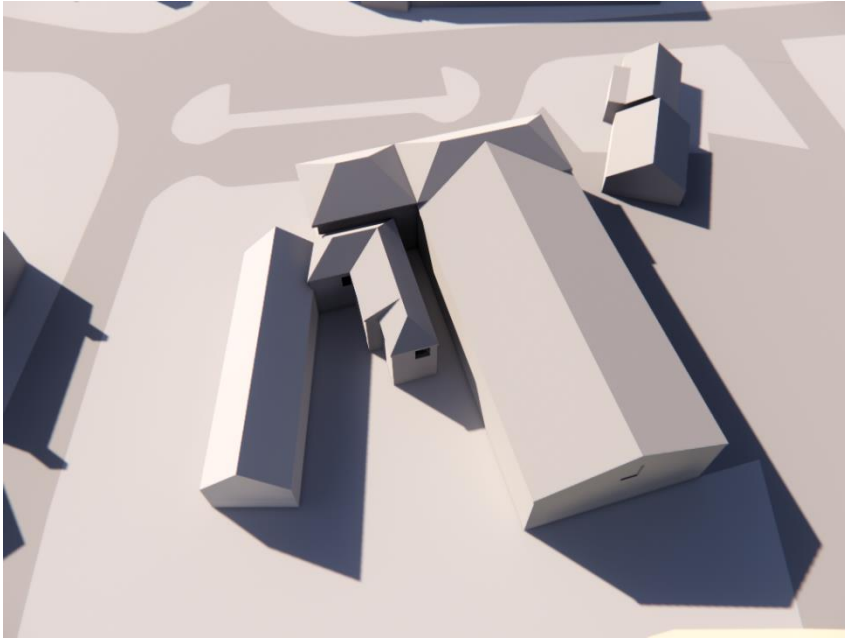




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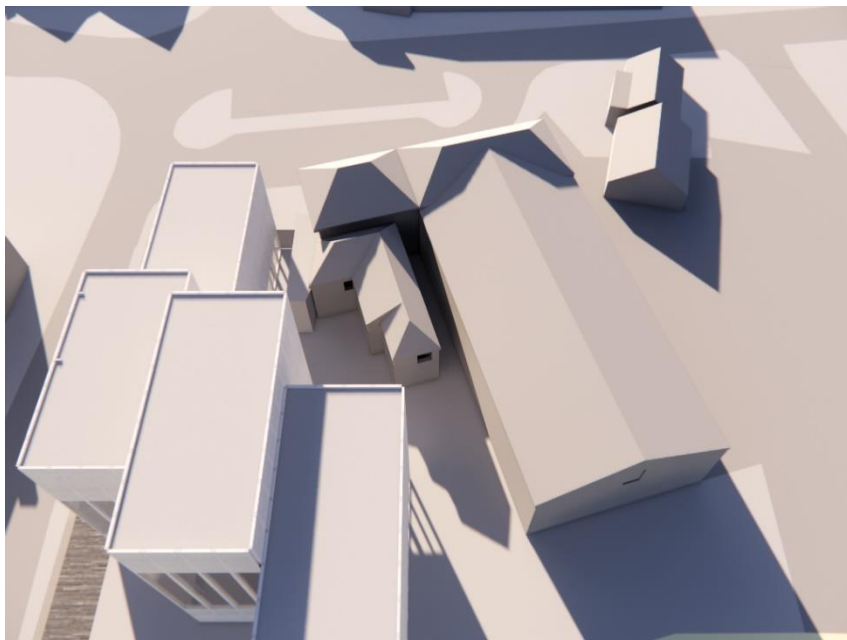
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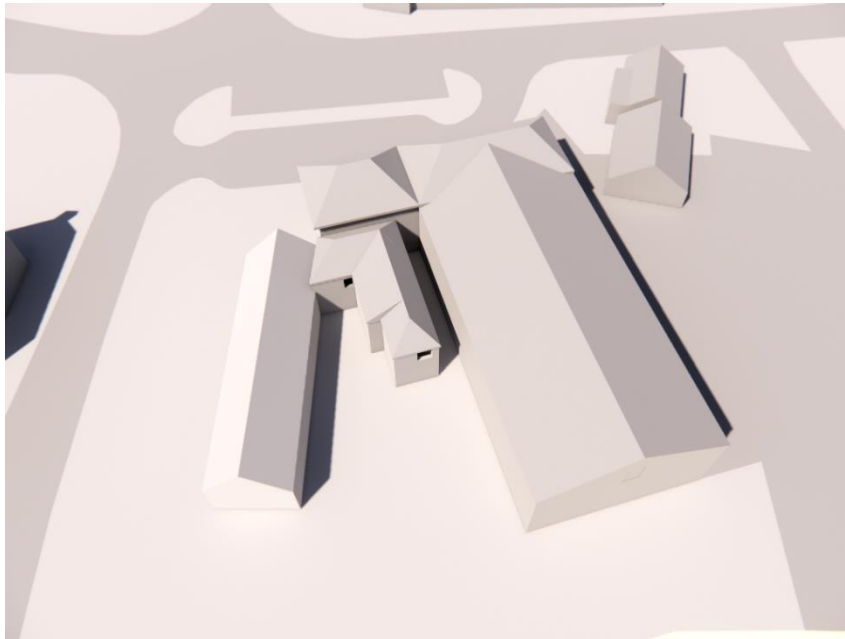
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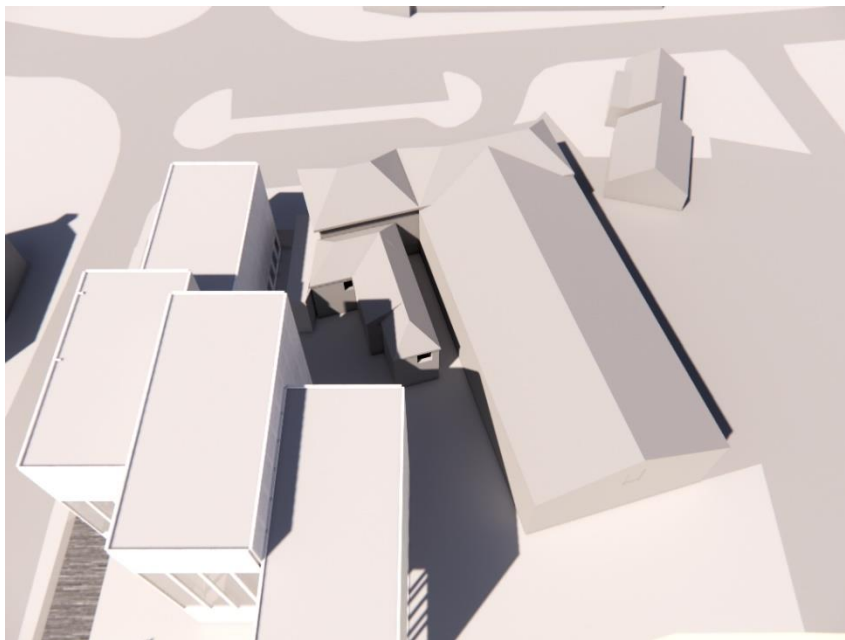
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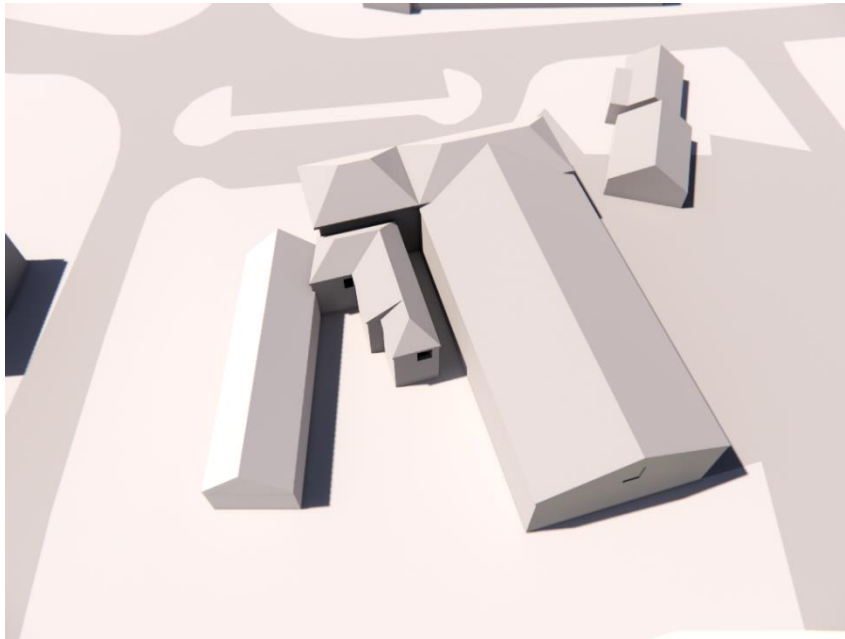
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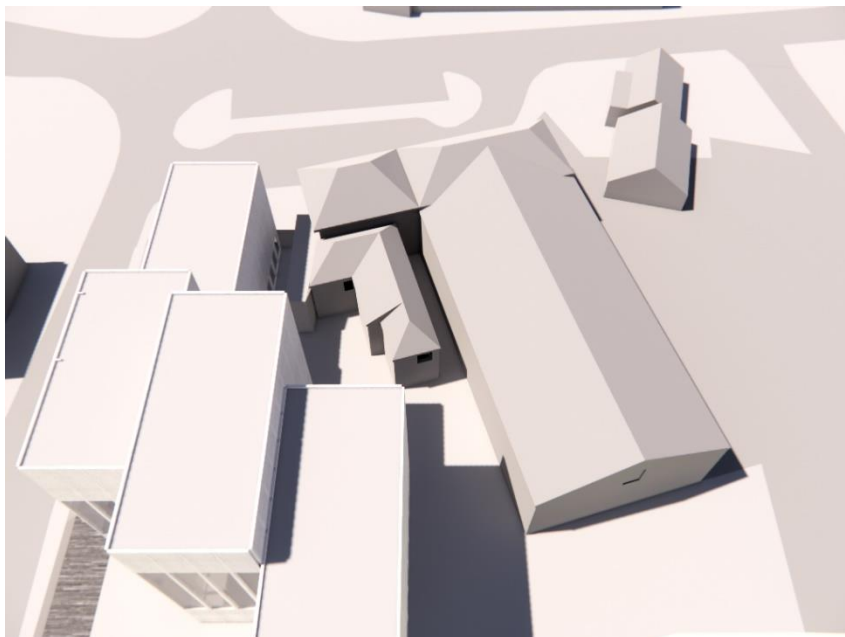
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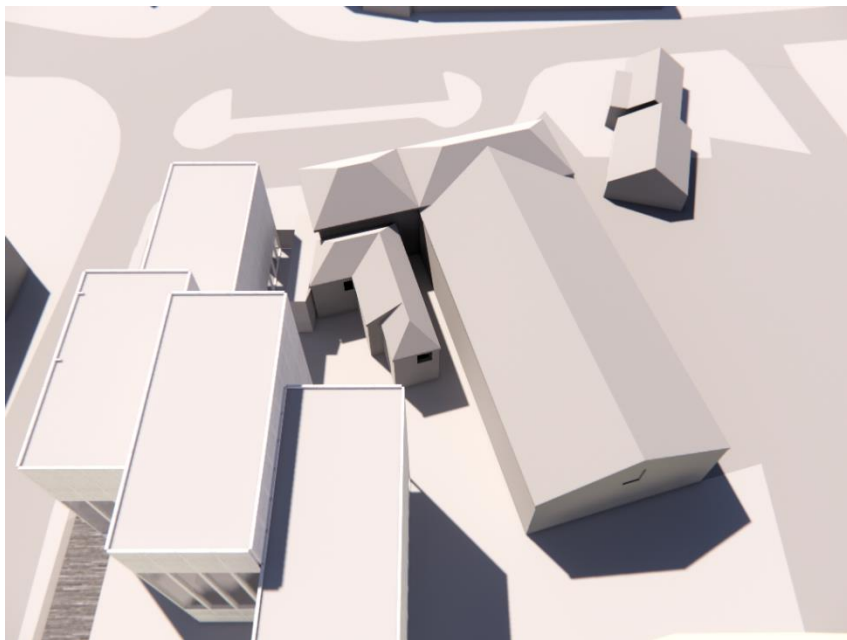
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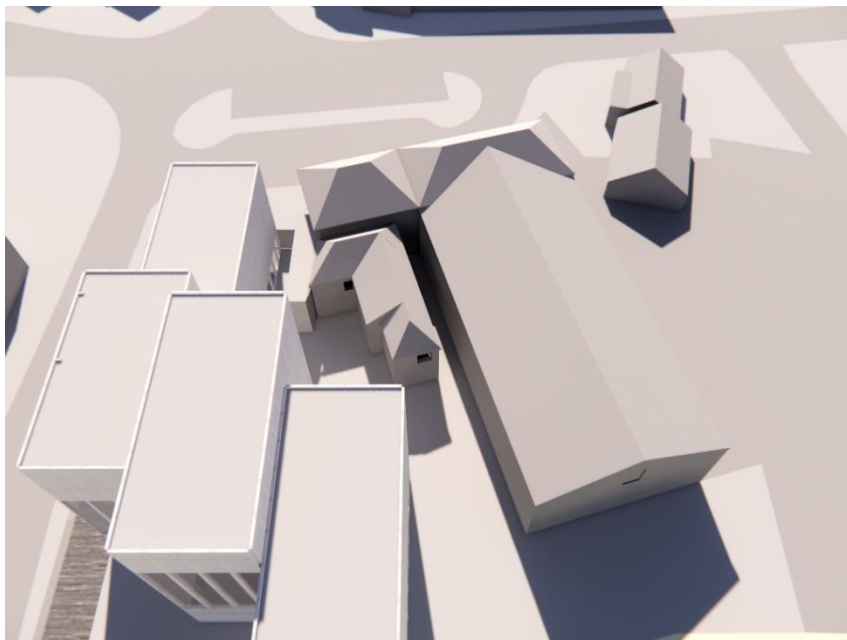
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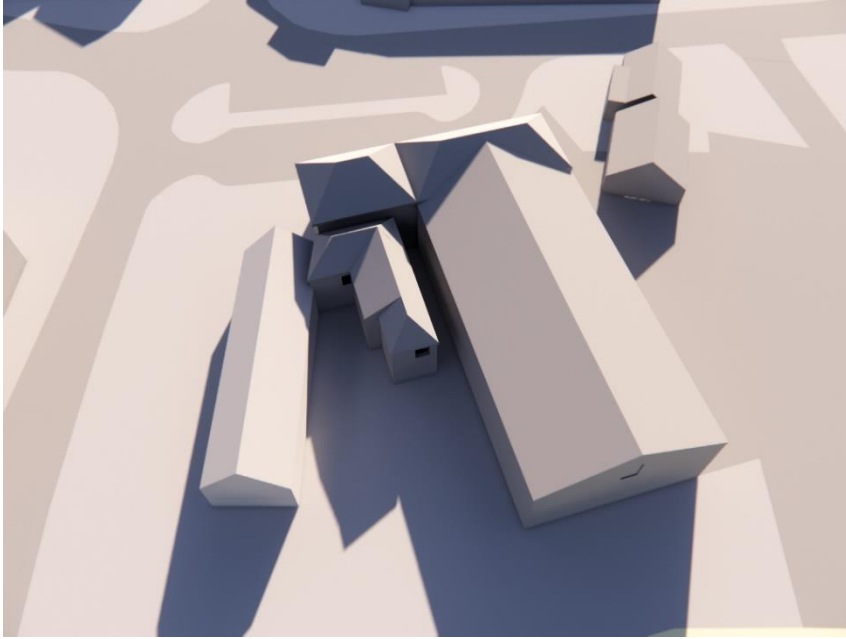
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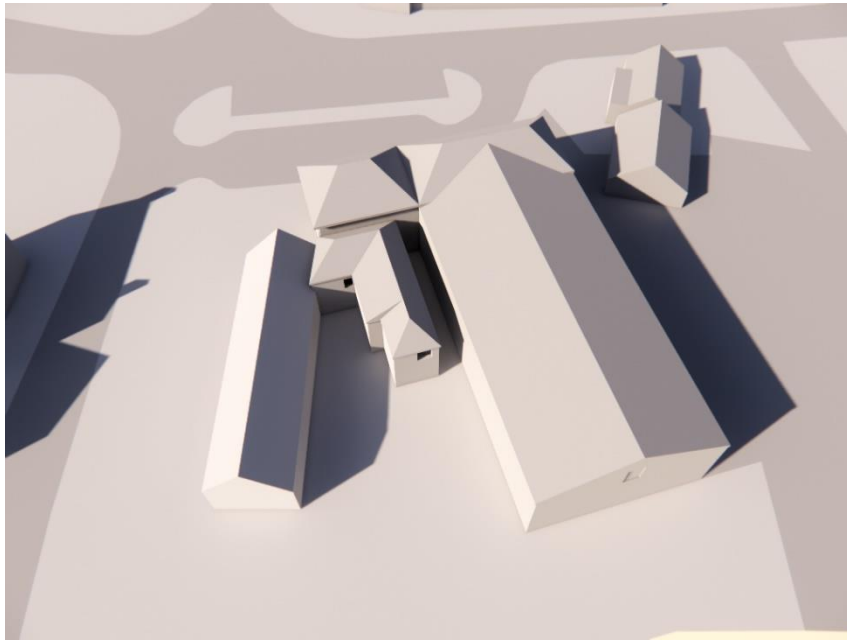


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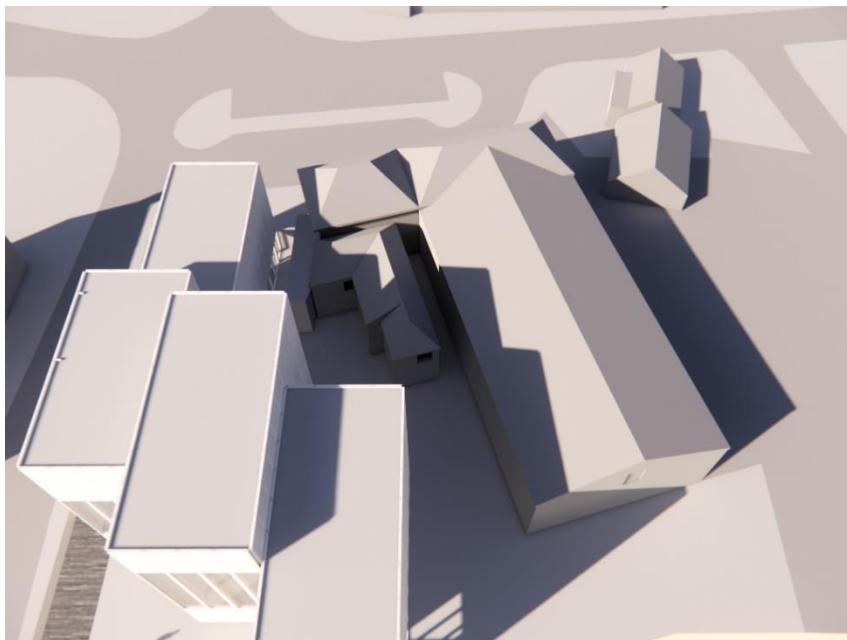


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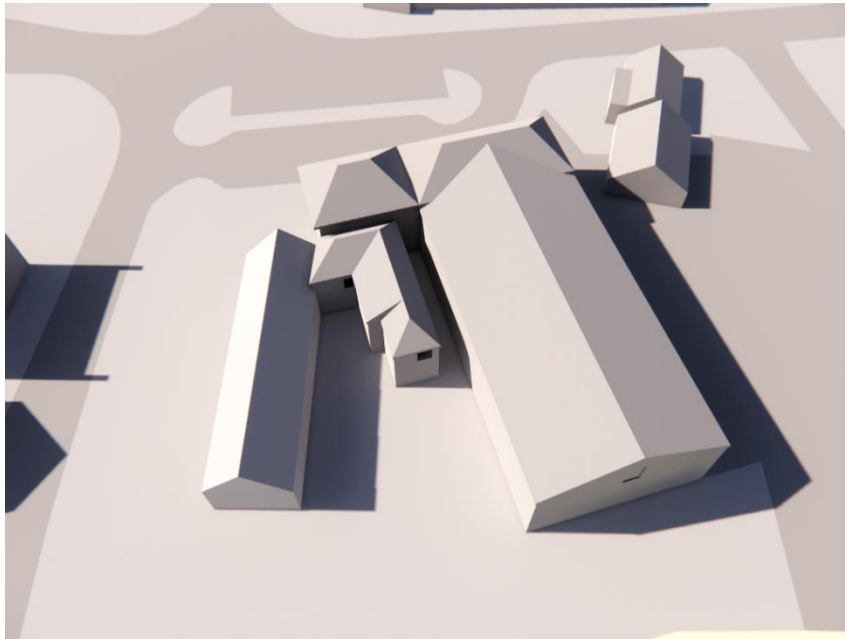




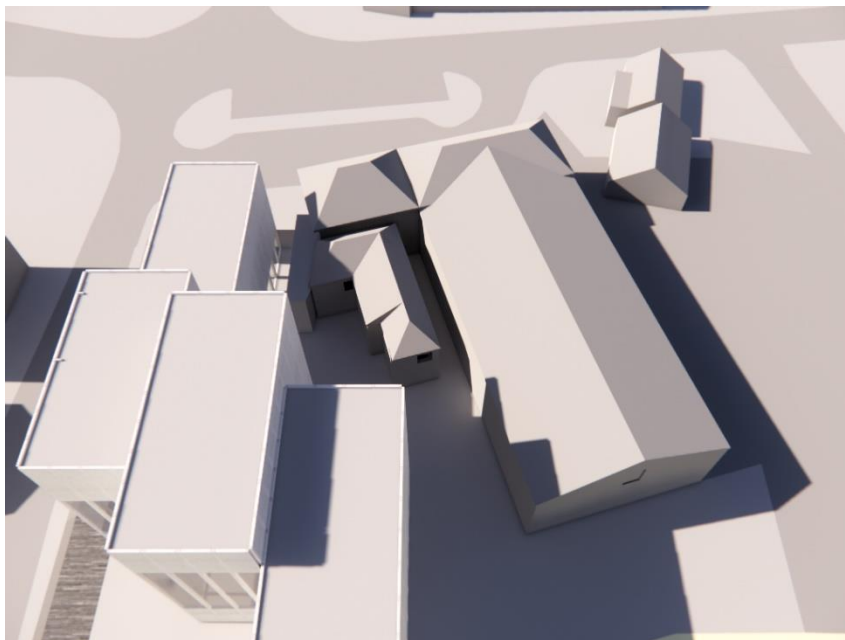
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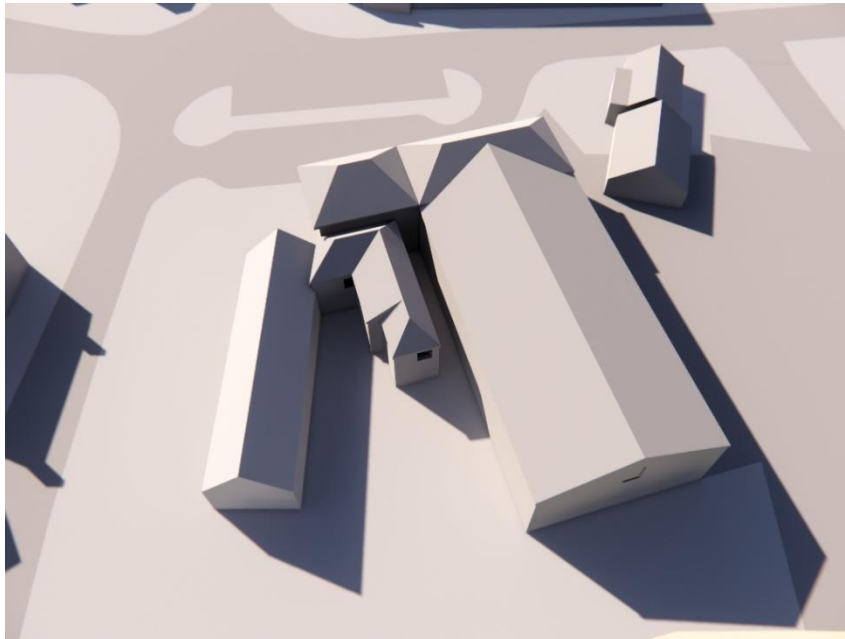
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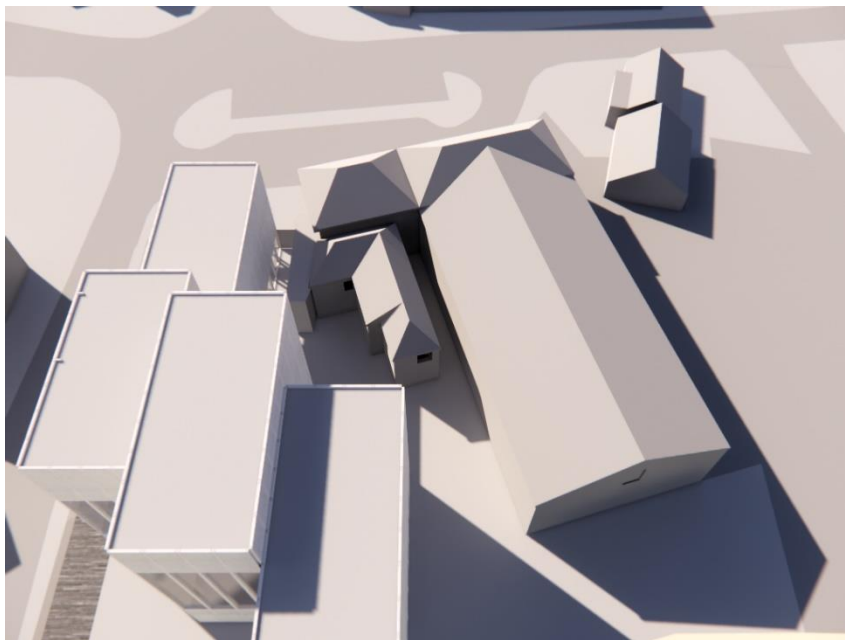
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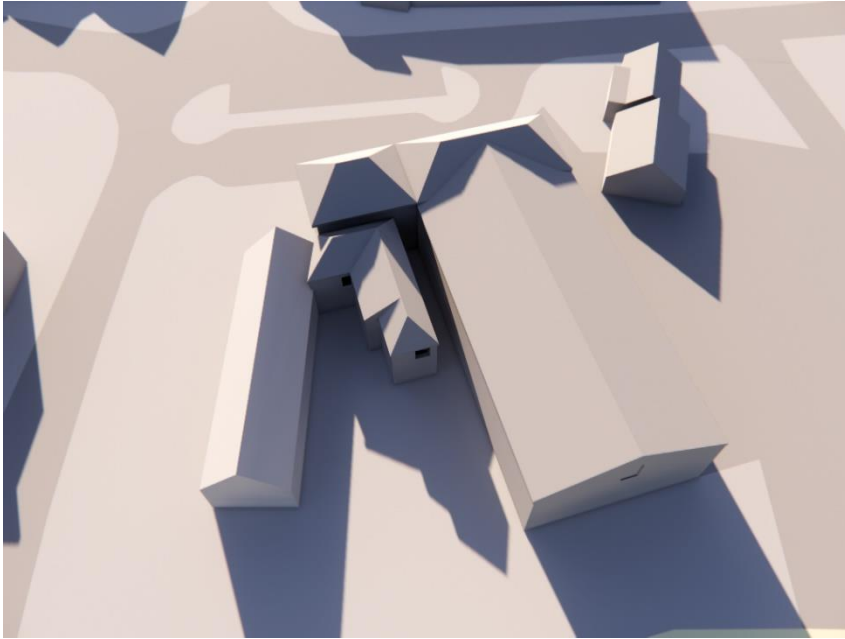
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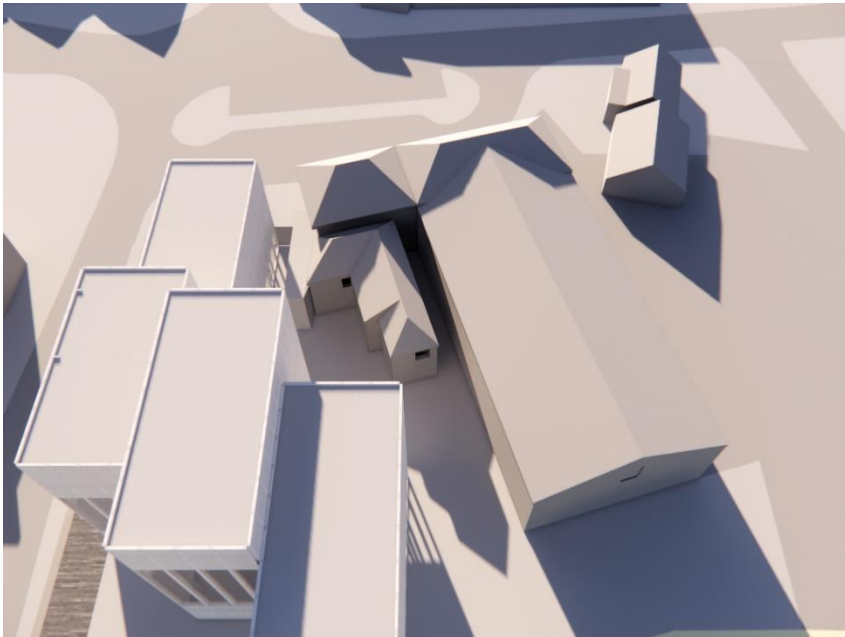
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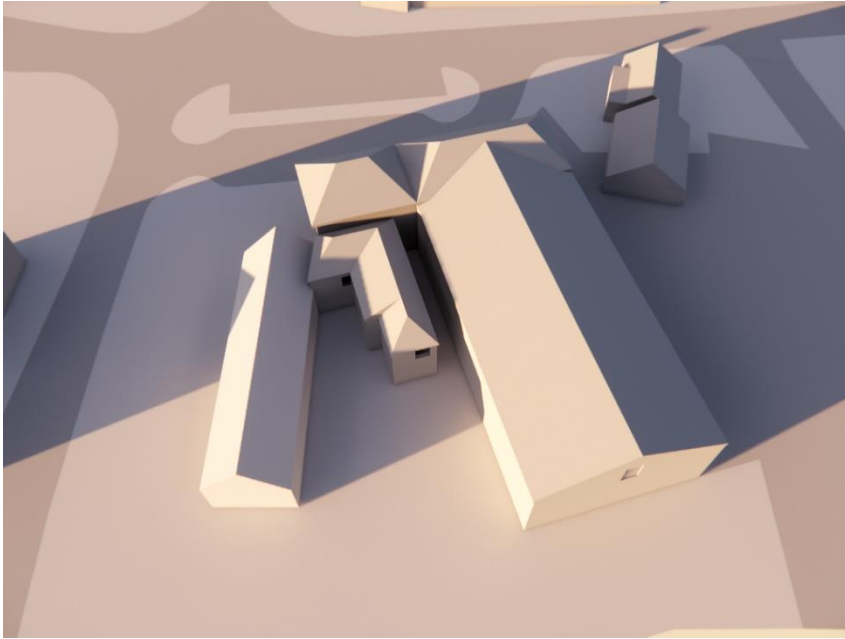
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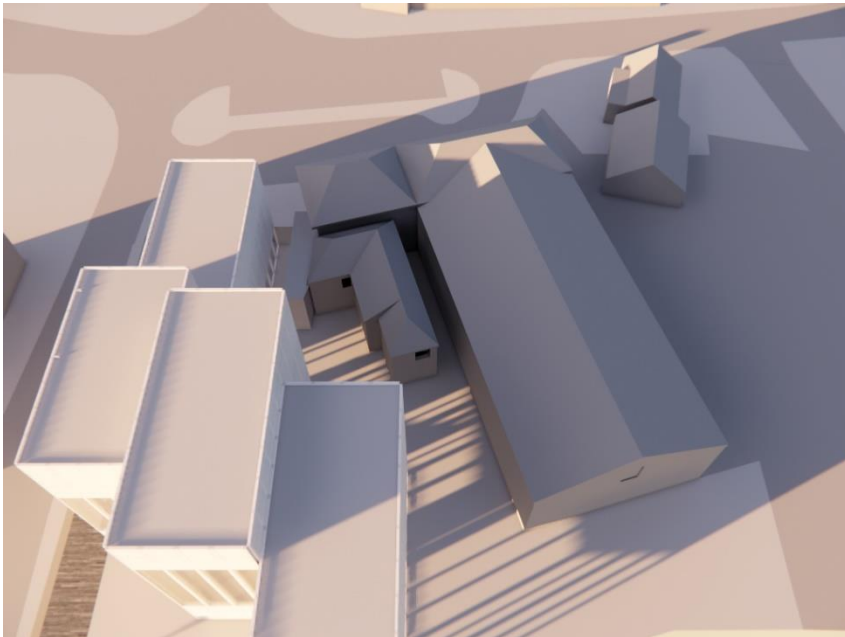
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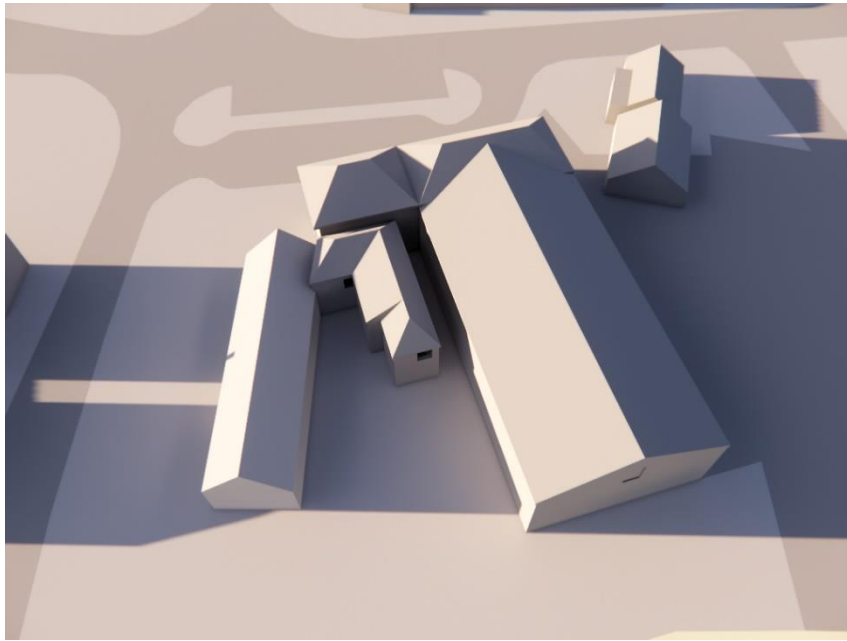
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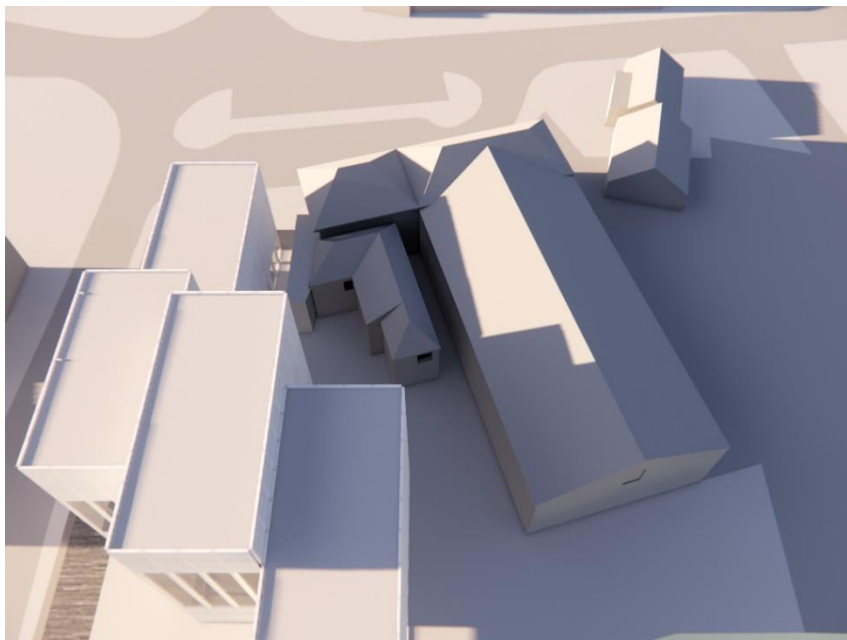
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Proposed: December 21st, 10:00



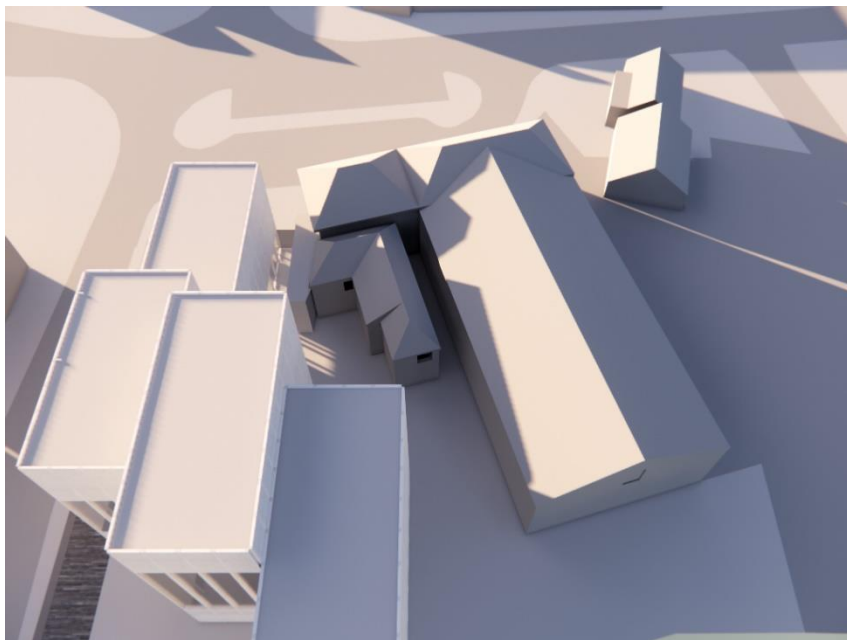
Existing: December 21st, 12:00



Proposed: December 21st, 12:00



Existing: December 21st, 14:00



Proposed: December 21st, 14:00

▀ Address  
Ardcroney,  
Nenagh,  
Co. Tipperary

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▀ Online  
Email: [cian@heffernan3d.ie](mailto:cian@heffernan3d.ie)  
Website: [www.heffernan3d.ie](http://www.heffernan3d.ie)

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▀ Phone: 085 7768236