

# Project Green

Ideas Book



Austin-Smith:Lord

Green + Energy

Facades Envelope Material Research  
Focus Key Message:

# Green + Energy

Sustainability / visibility of scheme from surrounding area

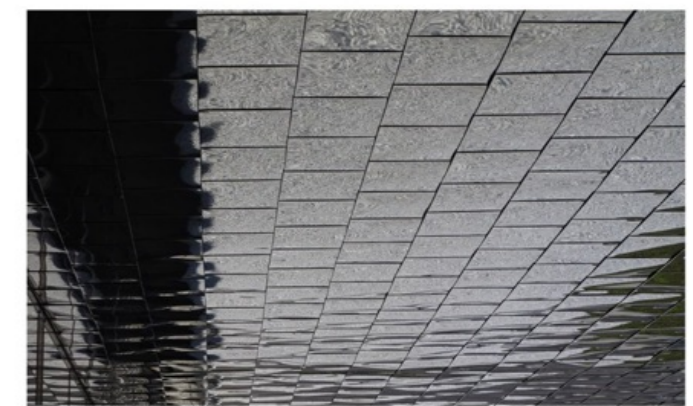
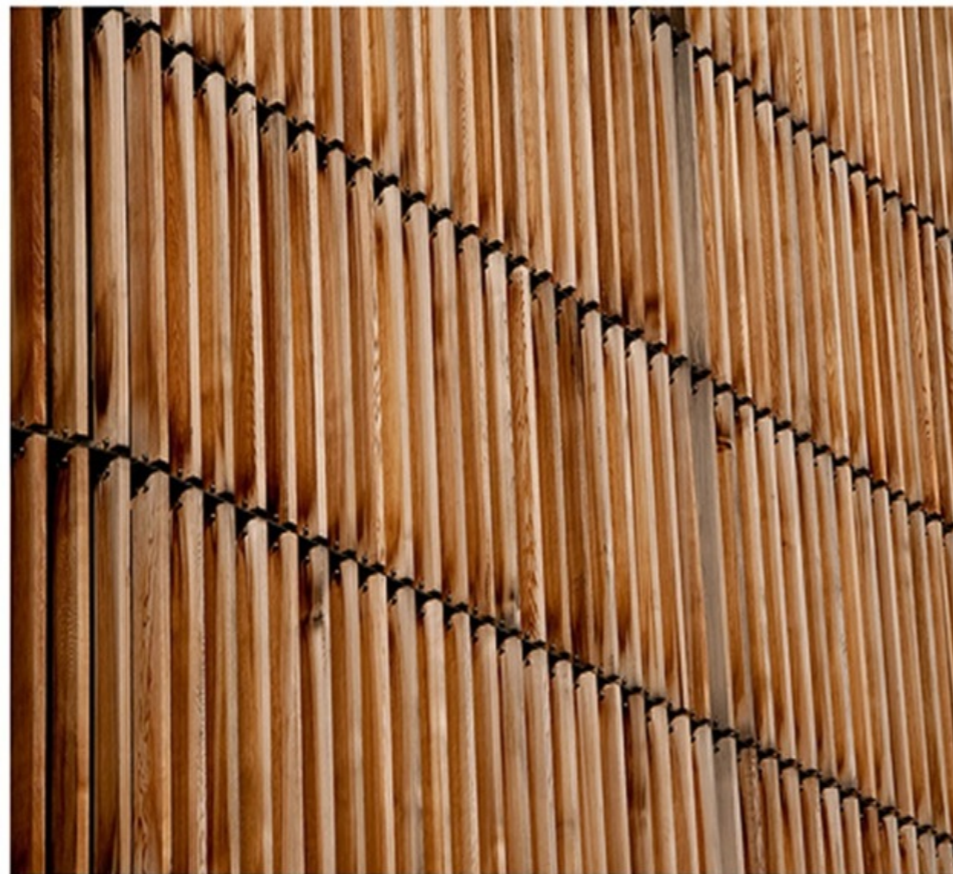
Material response

Green walls / green roofs

Use of natural materials timber / stone

Contrast with made materials steel and cladding.

Transparency of envelope to showcase engineering inside



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# Project Green

Facades Envelope Material Research  
Key Message:

Expressing the process within on the elevations

Allowing the technology to be showcased from the outside

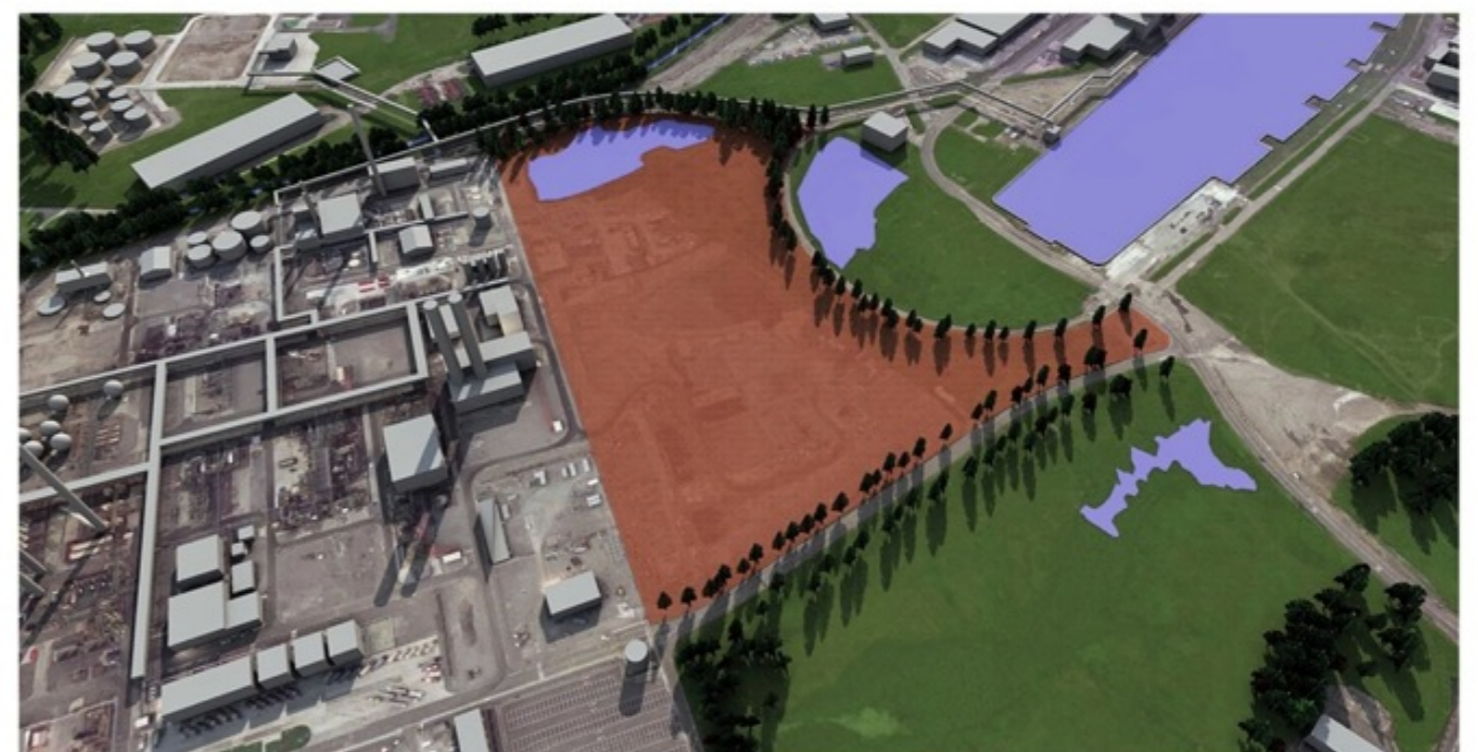
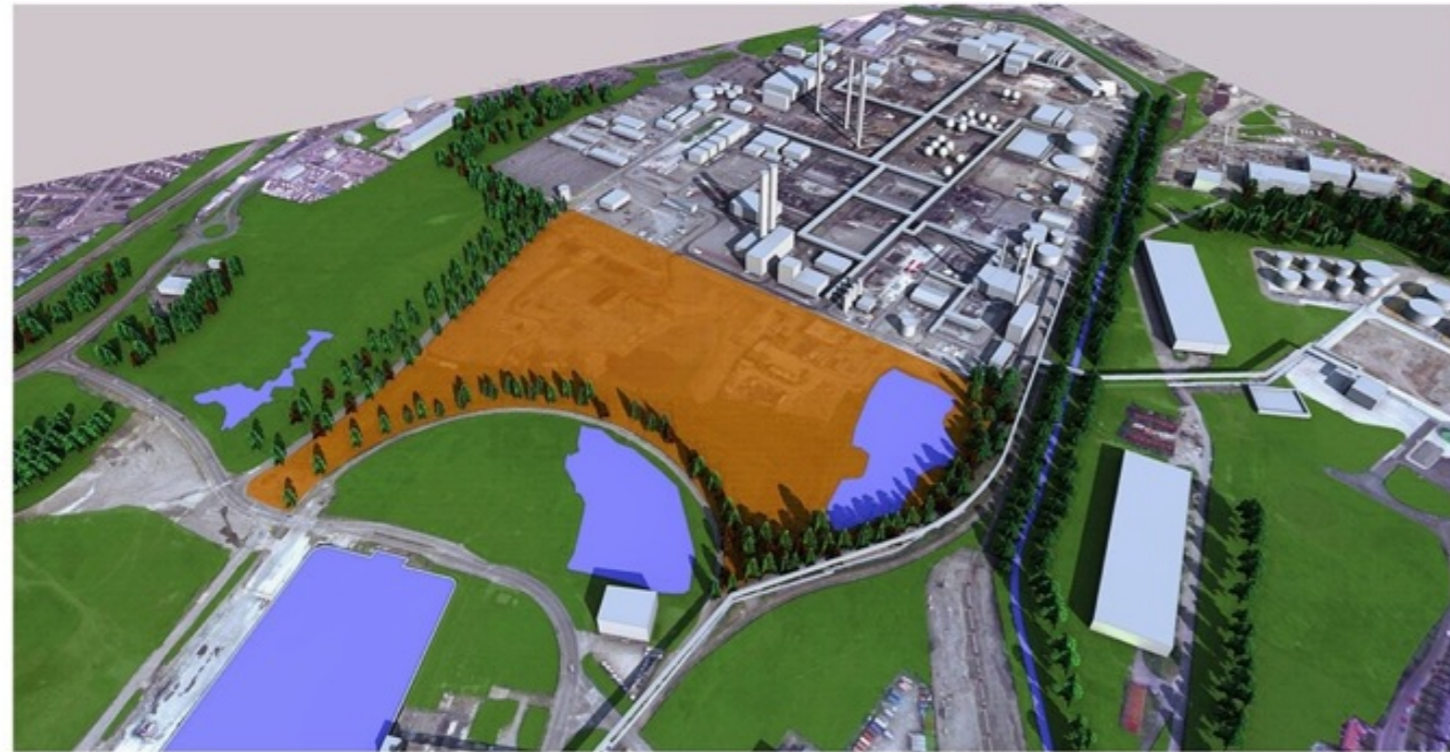
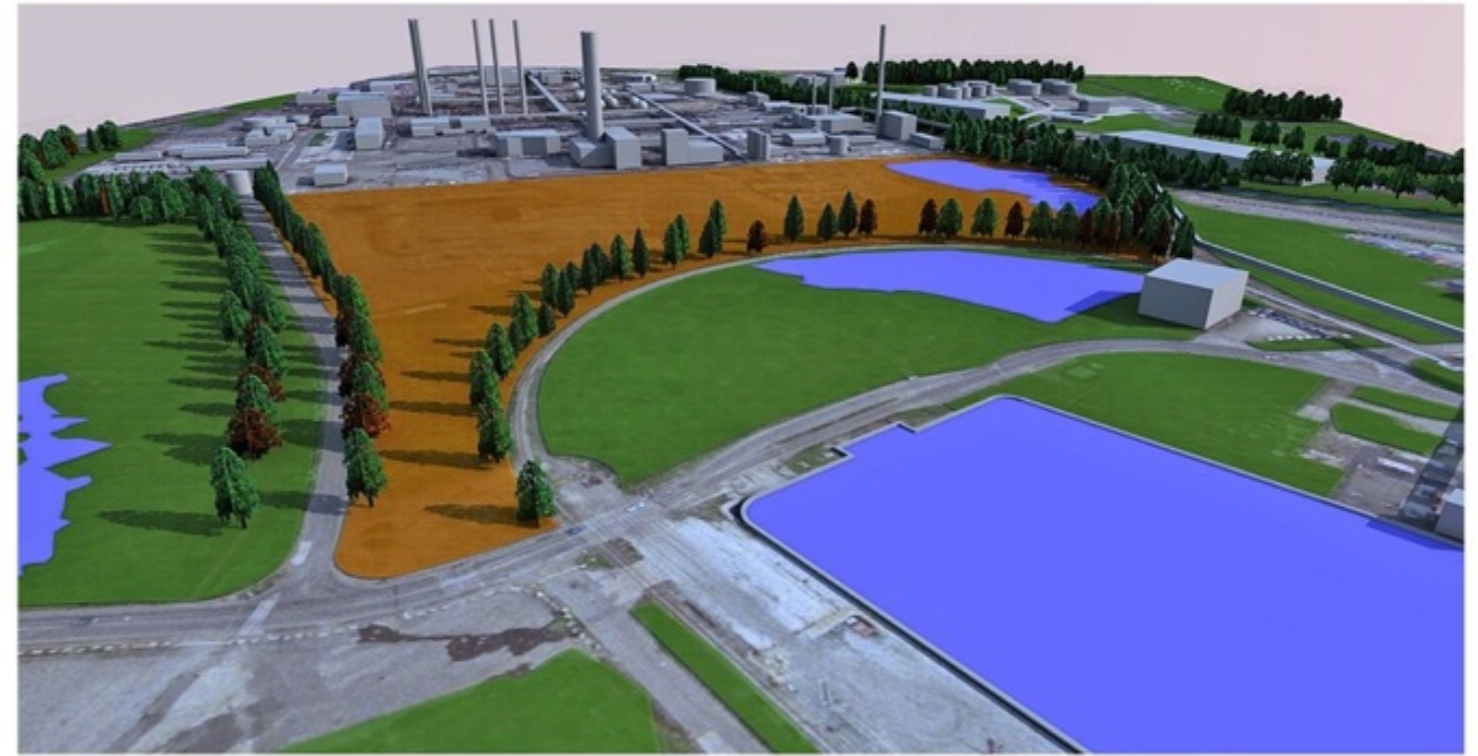
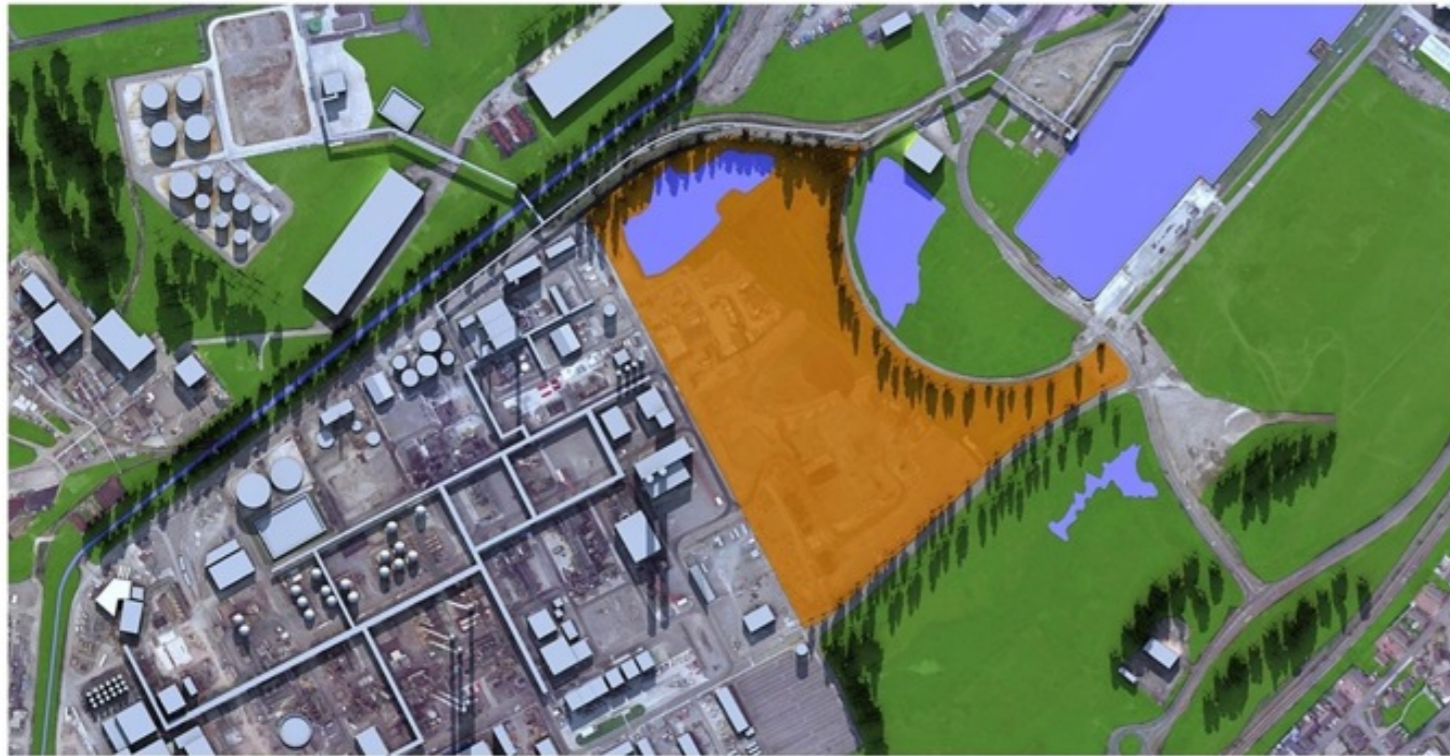
Transparencies to showcase the engineering within



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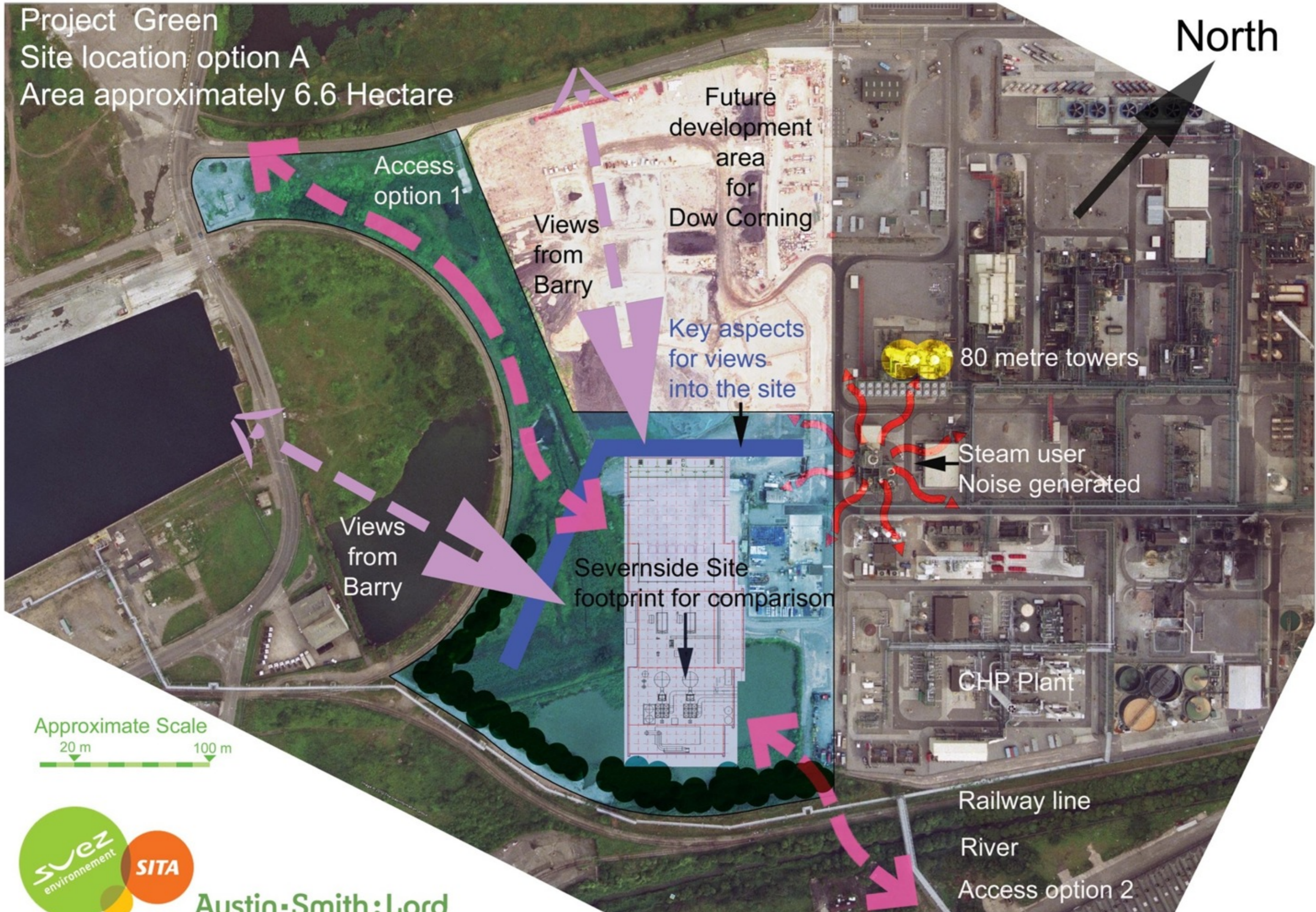
Existing Site 3d Model



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Site location option A  
Area approximately 6.6 Hectare

North



Access option 1

Future development area for Dow Corning

Views from Barry

Key aspects for views into the site

80 metre towers

Steam user Noise generated

Views from Barry

Severnside Site footprint for comparison

CHP Plant

Railway line

River

Access option 2

Approximate Scale  
20 m 100 m



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Project Green  
Site location option B  
Area approximately 6.7 Hectare

Visitor centre and wetland area

North

Key aspects  
for views  
into the site

Views in

Severnside Site  
footprint for comparison

Access

Views in

80 metre towers

Steam user  
Noise generated

Future  
development  
area  
for  
Dow Corning

GHP Plant

Railway line  
River

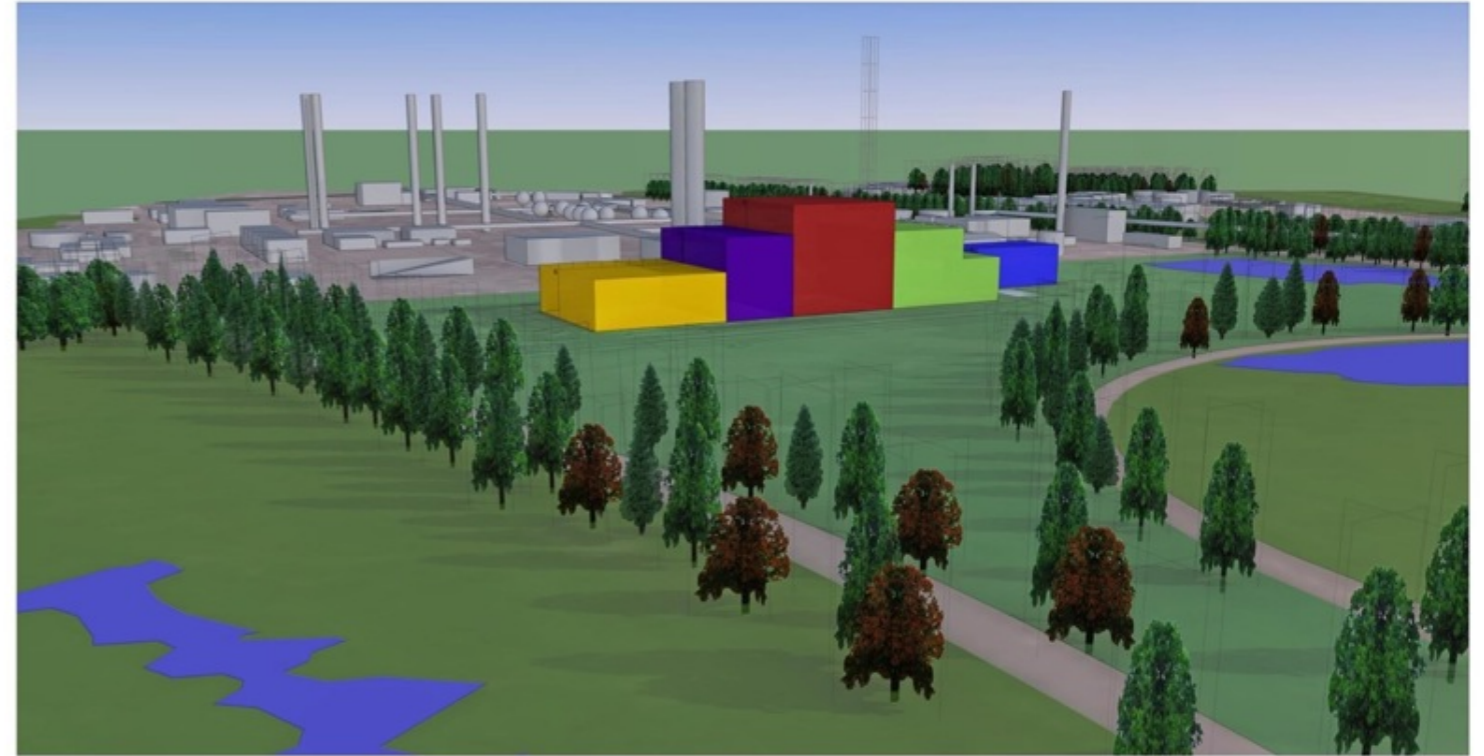
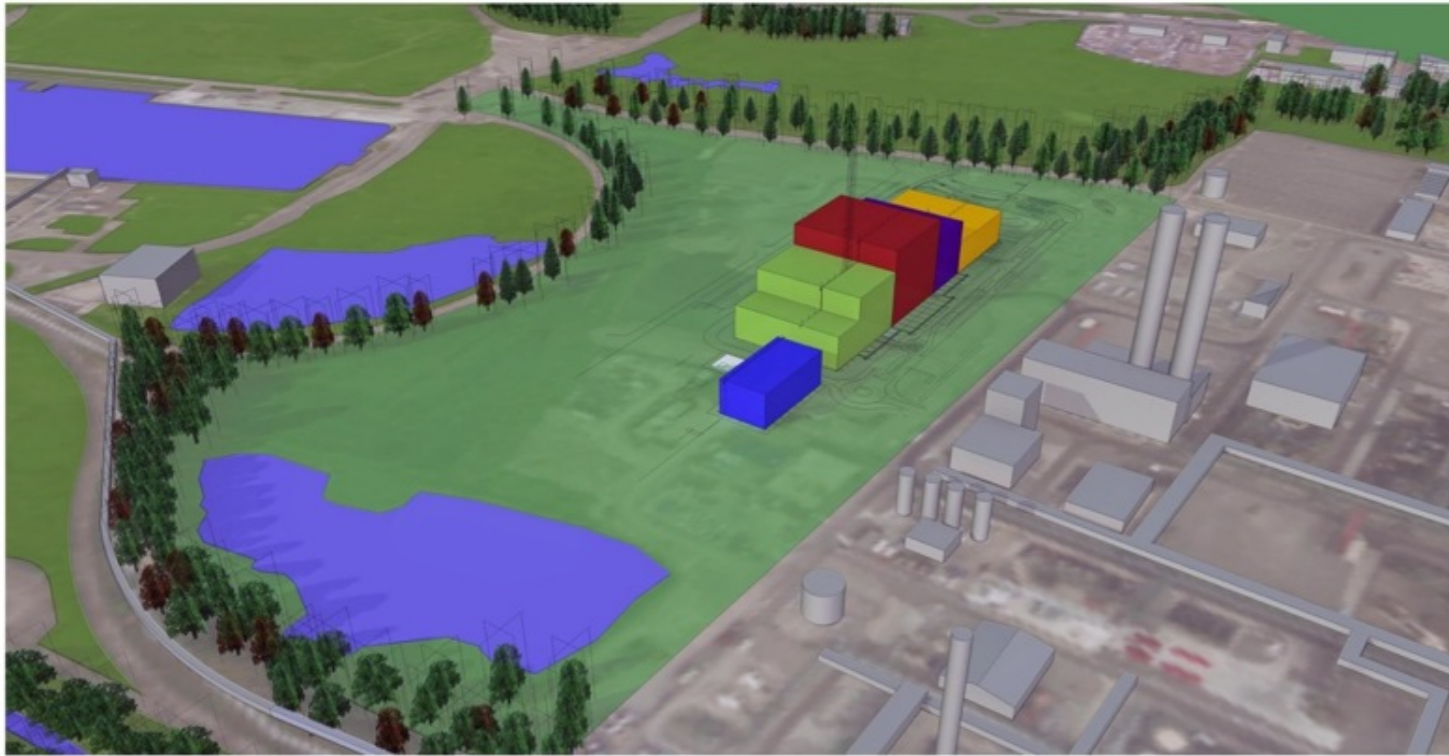
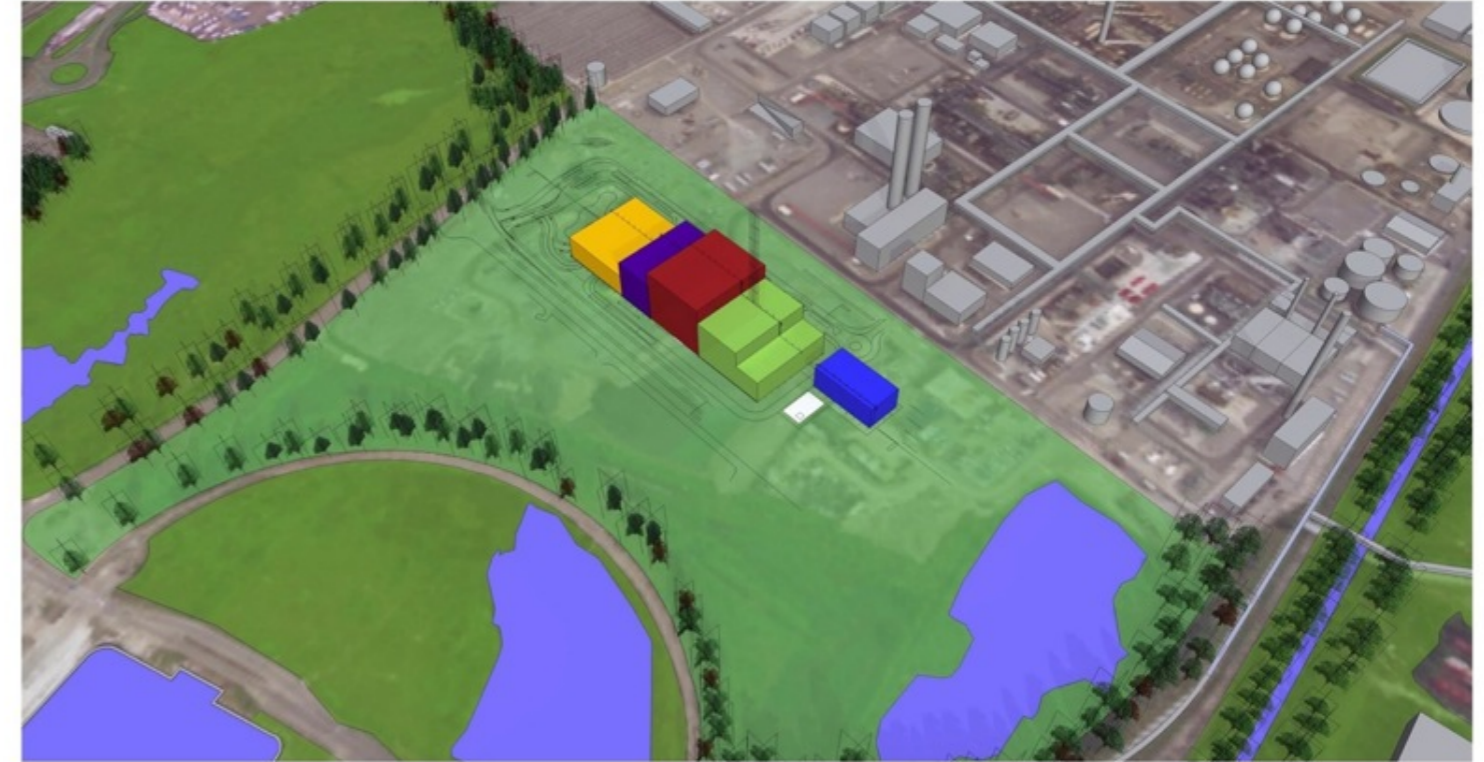
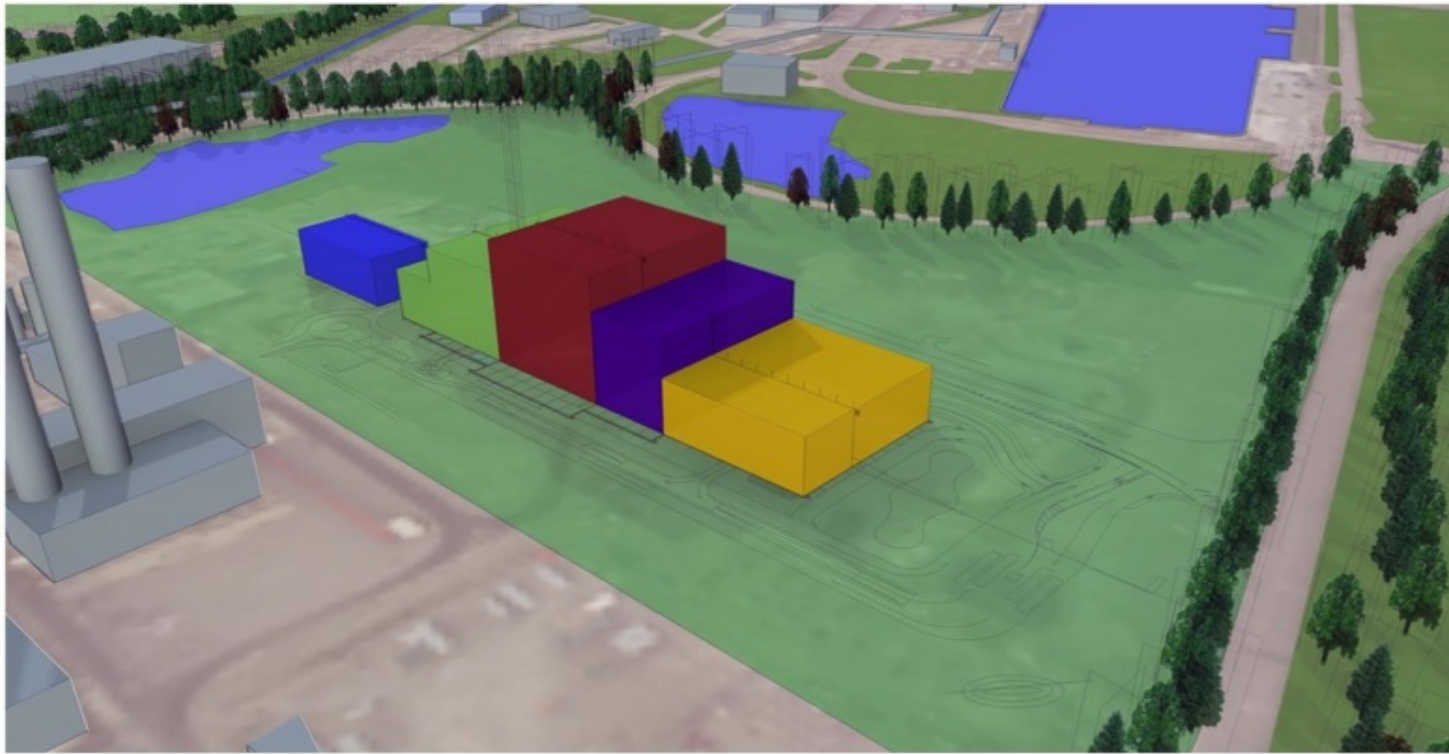
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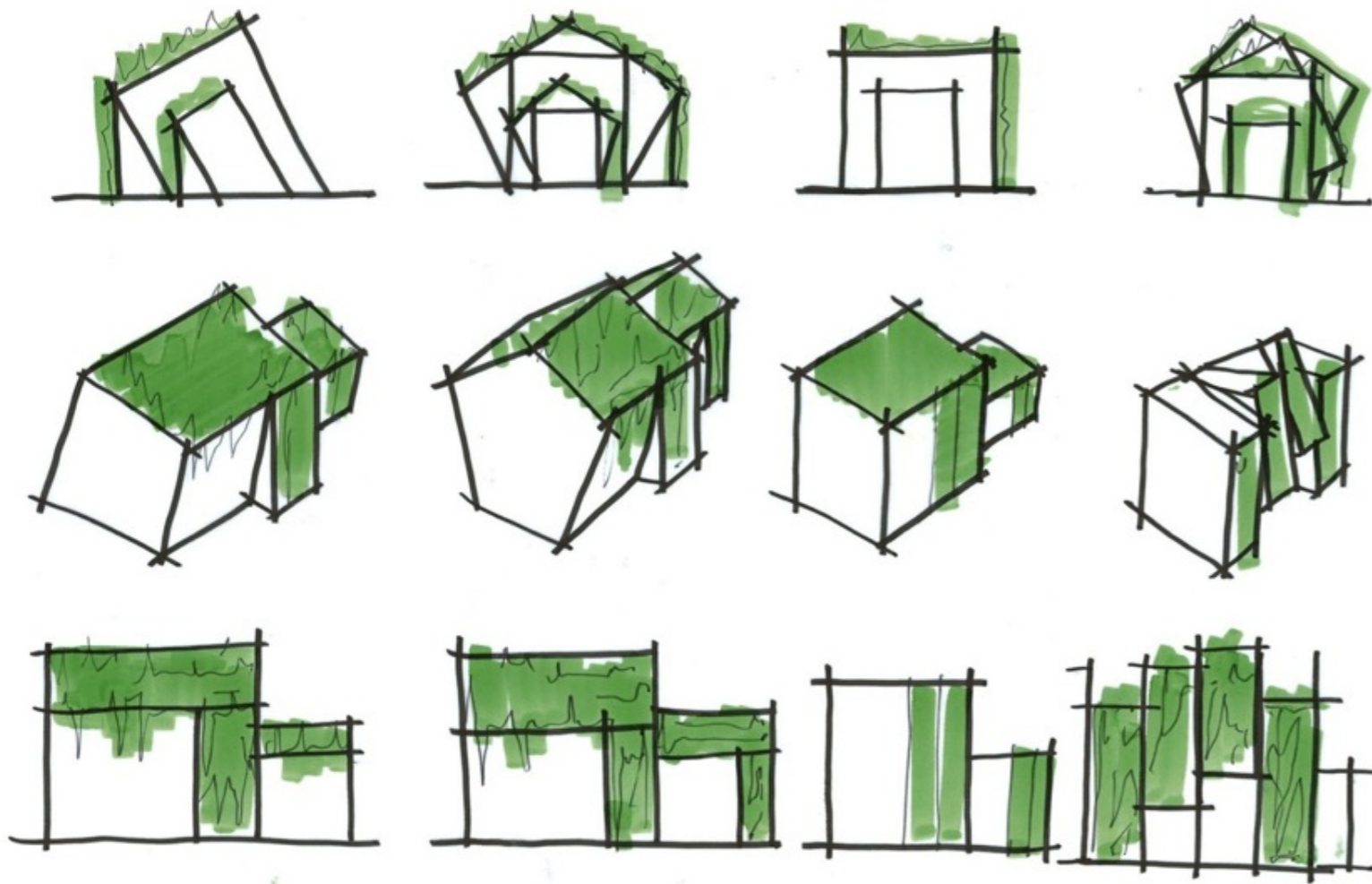
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## Site Massing Model

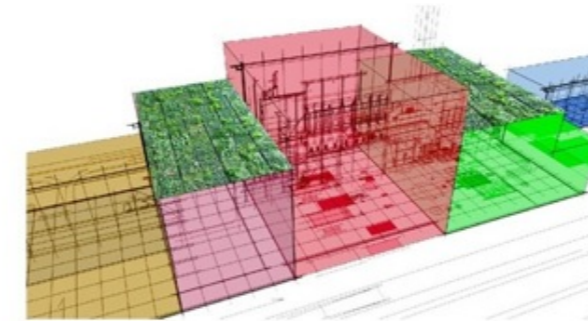


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Wrapping envelope early sketches



Wrapping skin around the engineering



Green Roofs



Green Walls

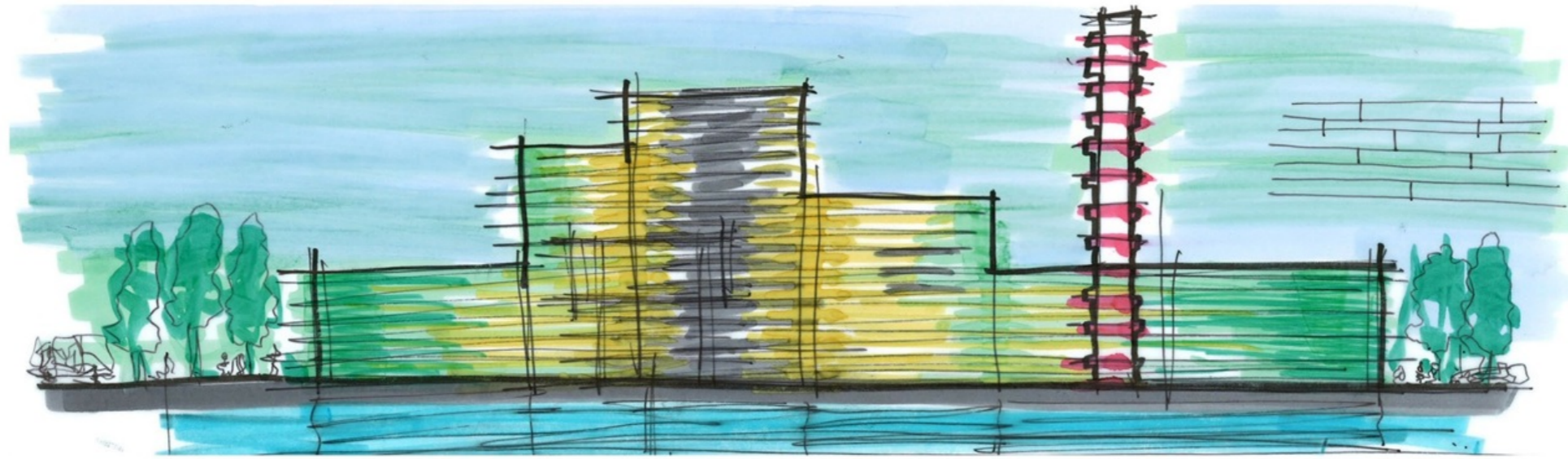


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