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**LANDWISE**

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3D MODEL

7 MARCH 2026

**A.**

- 3D Rock Formation Modeling
- As part of the LANDWISE additional services, the client requested a detailed 3D model of the natural rock formations located on the property. The purpose of this study is to support the architectural design process and allow the architect to integrate the future building concept with the existing rock landscape.
- At the start of this additional study, the client asked LANDWISE to investigate the following key points:
  - Create an accurate 3D photogrammetry model of the rock formations and surrounding terrain located on the property.
  - Capture the true shape, scale, and spatial position of the rocks to provide reliable reference for architectural design.
  - Provide a 3D model that can be shared directly with the project architect and used during the design process.
  - Allow the architect to explore ways to design the house around and between the existing rock formations, preserving the natural landscape.
  - Provide a clear understanding of how the rock formations relate to the terrain and potential building areas on the property.

This additional study helps ensure the future architectural design can work with the natural rock features of the land, rather than removing or altering them.



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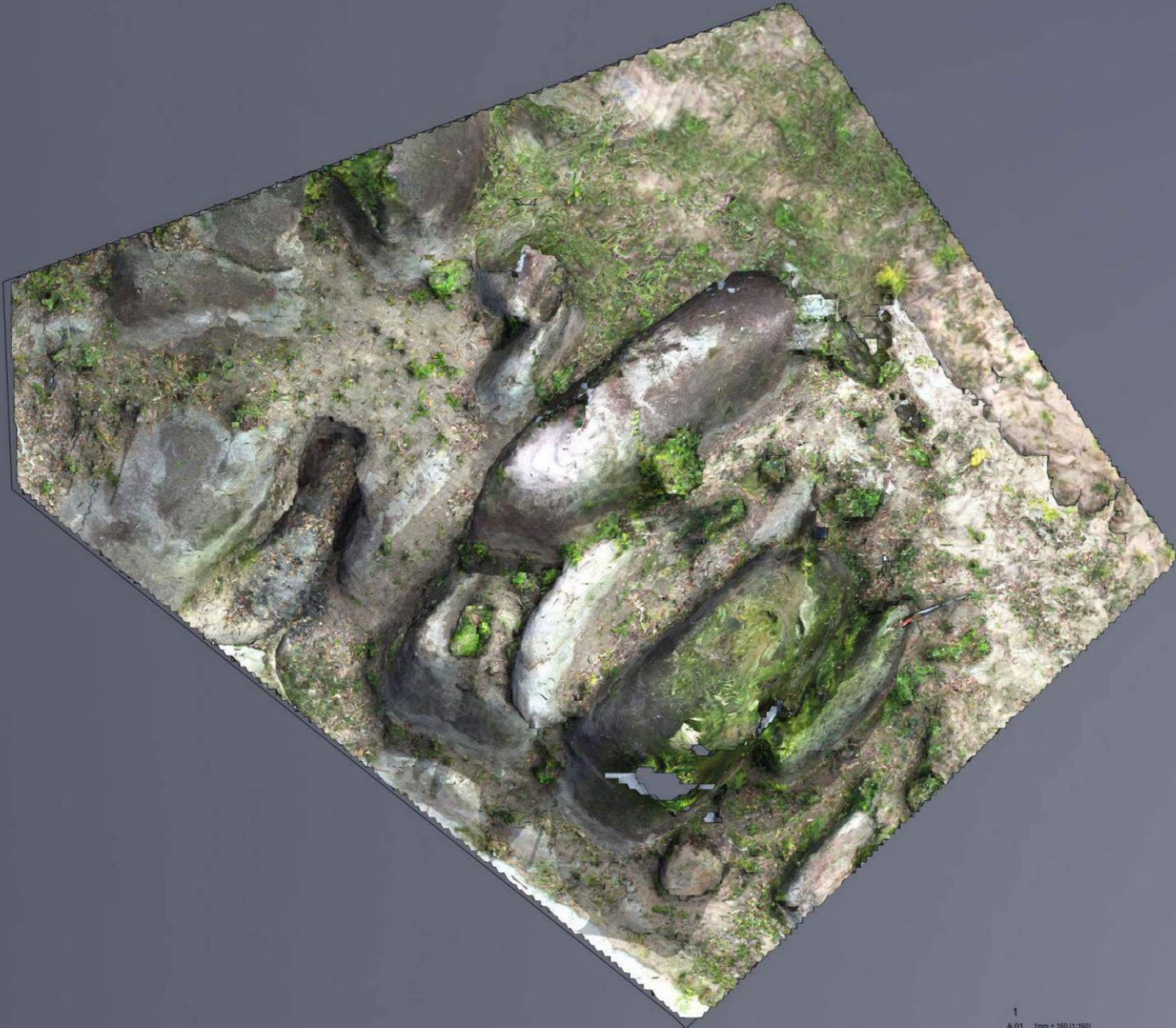
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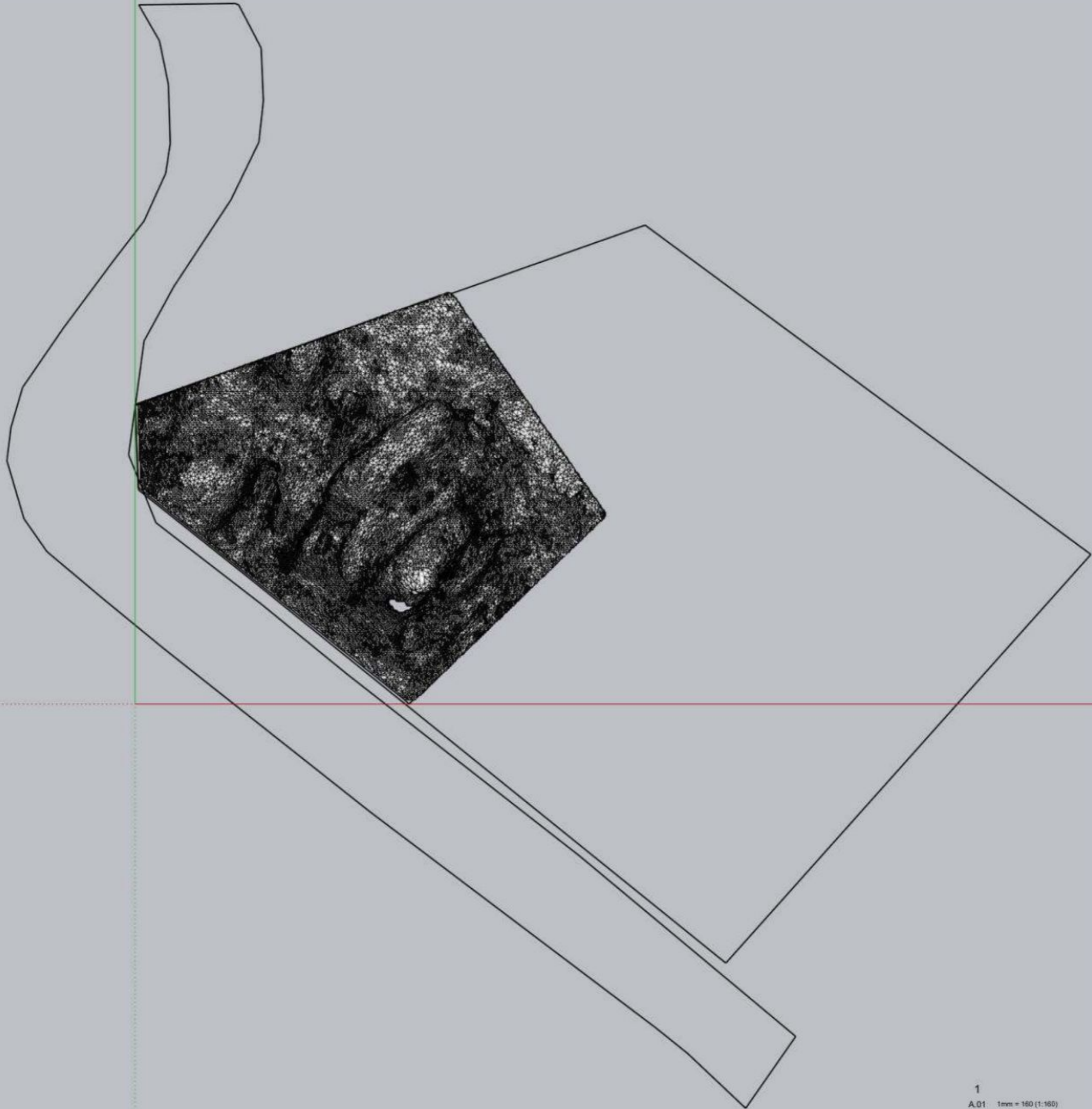
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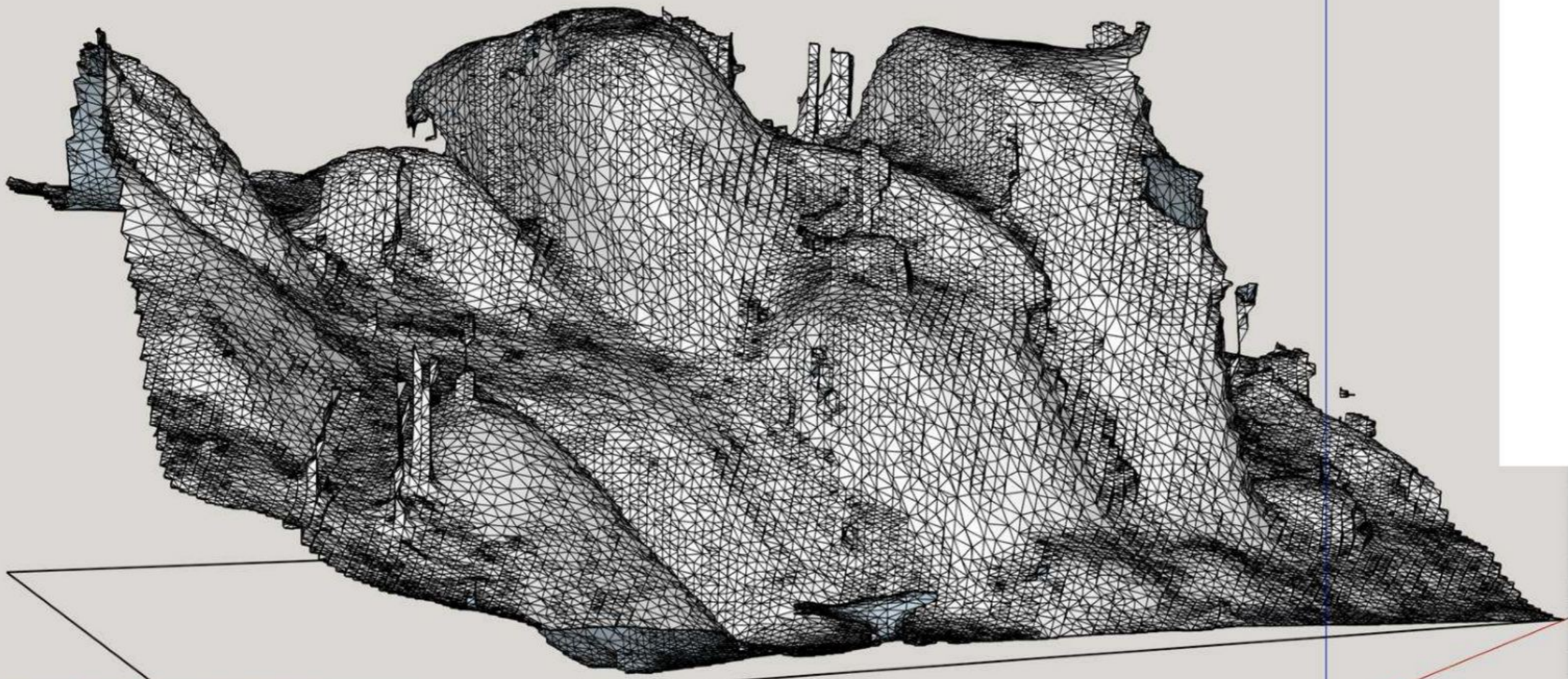
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3D MODEL

7 MARCH 2026



ARCHITECT:  
Shaun Ducker

INTERIOR DESIGNER:

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3D MODEL

7 MARCH 2026

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Shaun Ducker

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3D MODEL

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# LANDWISE — REPORT SUMMARY

## Scope of Work

This study was completed to produce a high-resolution 3D model of the natural rock formations located on the property. The model was generated using drone photogrammetry and processed to accurately represent the rock formations present on the site.

The work included:

- Drone-based photogrammetry capture of the rock formations
  - High-resolution terrain and mesh reconstruction
  - Texture generation from aerial imagery
- Mesh optimisation to produce a usable architectural reference model
- Export of the 3D terrain model for use by the project architect

The purpose of this model is to provide the design team with a clear spatial understanding of the rock formations and surrounding terrain so the future building concept can integrate naturally with the site.

## Key Outcomes

- A detailed 3D model of the rock formations and surrounding terrain has been created.
- The model captures the true scale, shape, and spatial relationship of the rocks on the site.
- The dataset provides a usable reference model for architectural planning and design integration.
- The model allows the design team to explore how the future building can be positioned around and between the rock formations.

## Recommendations

- Use the provided 3D model as a reference base for early architectural concept design.
- Integrate the rock formations into the design where possible to preserve the natural landscape character.
- Use the model to explore building placement that works with the existing terrain rather than altering it.

## LANDWISE — SERVICE SUMMARY

Thank you for choosing LANDWISE – Land Intelligence Services.

This additional service was completed to provide the architectural team with a clear and accurate representation of the rock formations on the site, supporting design decisions that respect the natural terrain.

We appreciate the opportunity to assist with this stage of the project and look forward to supporting any future analysis or development studies if required.

## Terms, Limitations & Disclaimer (Important)

This report is provided for conceptual planning, visualization, and decision-support purposes only. All analysis is based on available survey data, drone models, terrain processing, and interpreted regulations at the time of reporting. LANDWISE does not provide legal, architectural, engineering, or certified surveying services. This report must not be used as a legal document, construction approval document, or regulatory submission. Final design, legal verification, structural design, and compliance approvals must be completed by licensed professionals and relevant authorities. LANDWISE accepts no liability for legal, regulatory, or construction decisions made solely on the basis of this report.