

**steel**

SOUTHERN AFRICAN INSTITUTE  
OF STEEL CONSTRUCTION



**Cousins Steel International (Pty) Ltd**

**The Brickworks by  
Investec – Takealot Durban**



# THE PROJECT BRIEF

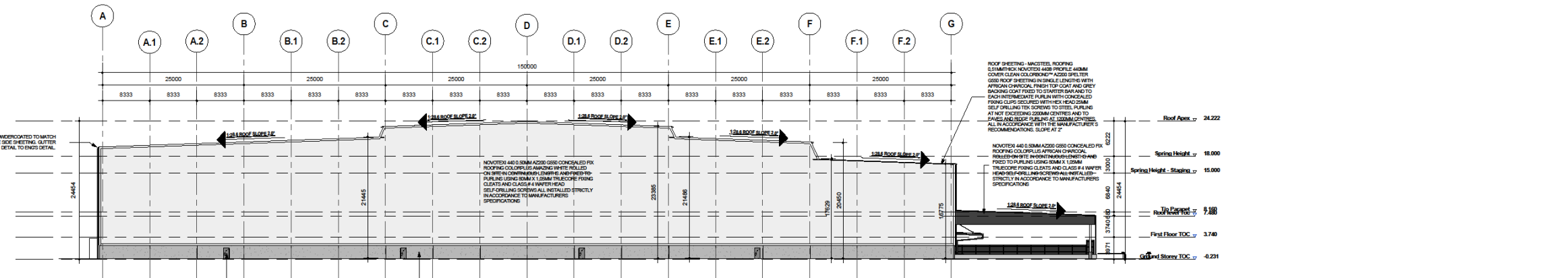
**CLIENT:** Investec Property

**ARCHITECTS:** Empowered Spaces

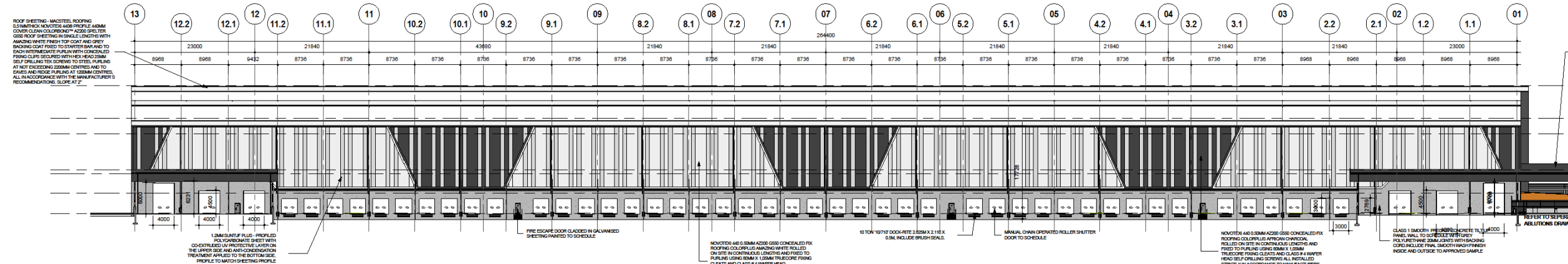
**MAIN CONTRACTOR:** Abbeydale Construction



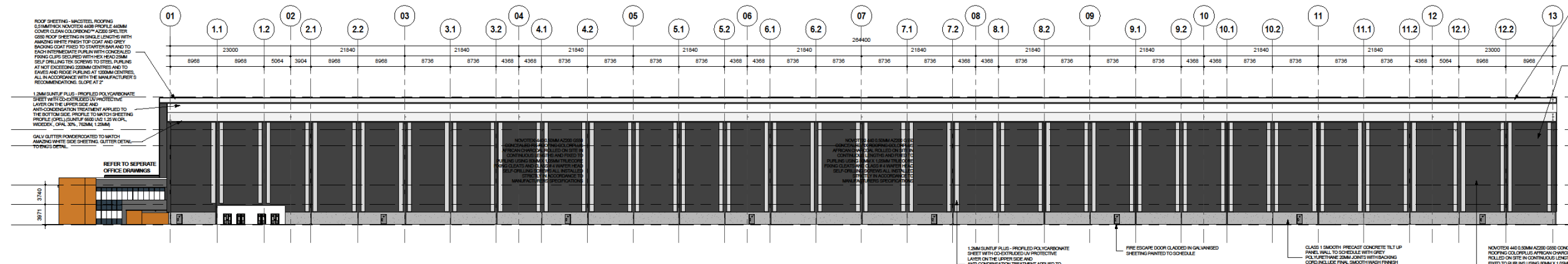




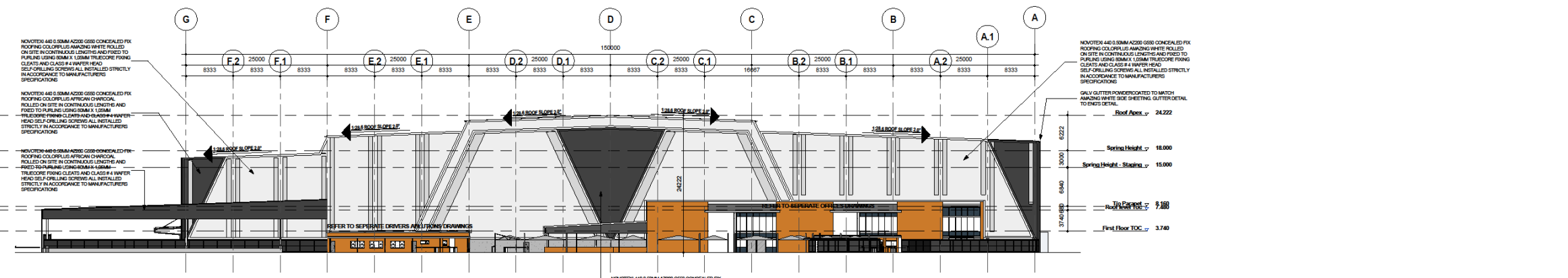
**WAREHOUSE EAST ELEVATION**  
Scale: 1:300



**WAREHOUSE NORTH ELEVATION**  
Scale: 1:300



**WAREHOUSE SOUTH ELEVATION**  
Scale: 1:300



**WAREHOUSE WEST ELEVATION**  
Scale: 1:300

- GENERAL NOTES**
- ALL WORK TO COMPLY WITH SANS 10400 OR BY NATIONAL APPROVED DESIGN TO COMPLY WITH FOLLOWING CLAUSE(S)
  - B: Structural Design SANS 10400-6: Structural design
  - C: Dimensional SANS 10400-7: Dimensional
  - D: Public Safety SANS 10400-8: Public safety
  - F: Fire Protection SANS 10400-9: Fire protection
  - G: Construction SANS 10400-10: Construction
  - H: Foundations SANS 10400-11: Foundations
  - J: Floors SANS 10400-12: Floors
  - K: Roofs SANS 10400-13: Roofs
  - L: Roofs SANS 10400-14: Roofs
  - M: General SANS 10400-15: General
  - N: Security SANS 10400-16: Security
  - O: Lighting and Ventilation SANS 10400-17: Lighting and Ventilation
  - P: Drainage SANS 10400-18: Drainage
  - Q: Stormwater SANS 10400-19: Stormwater
  - R: Stormwater Disposal SANS 10400-20: Stormwater Disposal
  - S: Facilities for Persons with Disabilities SANS 10400-21: Facilities for Persons with Disabilities
  - T: Fire Protection SANS 10400-22: Fire protection
  - V: Green Building SANS 10400-23: Green building
  - W: Fire Protection SANS 10400-24: Fire protection

**ENGINEER**  
1:144  
FSA 16 143  
**EMPOWERED SPACES**  
Terence Shackleton  
Pty. Ltd.  
email: terence@empowerspaces.co.za  
cell: 083 352 7462

1000-01	By	Drawings updated to suit current approval.
1000-02	By	Revised column spacing for approval.
1000-03	By	Revised column spacing for approval.
1000-04	By	Revised column spacing for approval.

**entpoweredspaces**  
Pty. Ltd.  
1000-01 to 1000-04

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**SCALING**  
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**INVESTOR PROPERTY**  
signature

**PROPOSED NEW FACILITY FOR CLIENT**  
signature

**client number**  
ERF 411 GLEN ANIL PTN 3 OF ERF 411 GLEN ANIL 181 OLD NORTH COAST ROAD

**engineer**  
Terence Shackleton Pty. Ltd.

**contact**  
021 551 1900

**signature**  
signature

**project architect**  
JOHANNA LEONHARTZ

**contact**  
011 883 8388

**signature**  
signature

**drawing description**  
ELEVATIONS

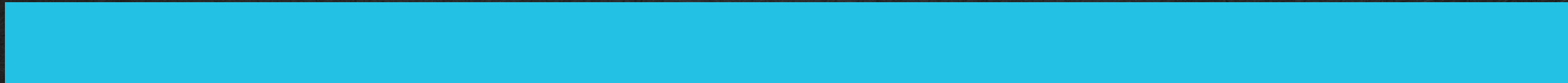
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revision number		issued for	

**D INFORMATION**

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# THE PROJECT OVERVIEW





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## STRUCTURAL STEELWORK

Project Completed: June 2024

Steelwork Completed: March 2024

Tonnage: 950 tonnes

Profiles used: Beams, angles, CHS and Lip channel





# PROJECT OVERVIEW

## STRUCTURAL STEELWORK

Structural Engineer: SiVest

Steelwork Contractor: Cousins Steel International

Steel Detailer: Cousins Steel International

Steel Merchants: Macsteel / Allied Steelrode / Roofco





# PROJECT OVERVIEW

## METAL CLADDING AND ROOFING

Project Completed: June 2024

Cladding Completed: April 2024

Cladding Material Used: 0.53mm Colorplus AZ200

Cladding Profile: Novotexi 440

Cladding Area Coverage: 52,200sqm

Cladding Tonnage: 200 tonnes





# STRUCTURAL FRAMING

**STRUCTURAL ENGINEER:** Sivest Group

**STEELWORK CONTRACTOR:** Cousins Steel International

**STEEL DETAILER:** Cousins Steel International



















# METAL CLADDING/ ROOFING

CLADDING MANUFACTURER: Safal

CLADDING ROLL FORMER / PROFILER: Macsteel Roofing

CLADDING/ ROOFING SUPPLIER: Macsteel Roofing

CLADDING/ ROOFING CONTRACTOR: Tate & Nicholson















# FABRICATION

**STEELWORK CONTRACTOR:** Cousins Steel International











# ERECTION / CONSTRUCTION / INSTALLATION

**CONTRACTOR:** Cousins Steel International



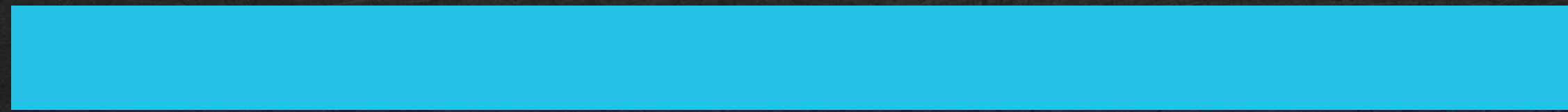








# CHALLENGES AND SOLUTIONS

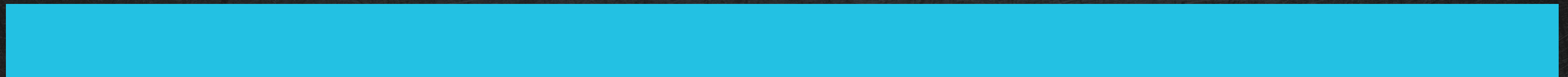








# THE BENEFITS OF STEEL IN THIS APPLICATION









WHAT WE'RE PROUD OF





