



ELLIPSE GALILEO

Ellipse Phase 3 Ellipse Galileo

Contract LHDA No.	Structure Type	Total Area	Location
B23-029	Building	26 755 m ²	Waterfall, Johannesburg, Gauteng Province



PROJECT OVERVIEW

- **Project:** Ellipse Galileo
- **Client:** Attacq & Tricolt
- **Main Contractor:** Barrow Construction
- **Project Engineers:** Arup
- **Specialist Subcontractor:** Post Tensioning & Structural Solutions (PTS-S) in partnership with C-Plan (South Africa).

STRUCTURAL DETAILS

Ellipse Galileo is the new iconic high-rise luxury apartment development, the New Jewel in the Crown of Waterfall City that surpasses any other in South Africa, in terms of luxury living, architectural beauty and environmental advancements. Construction of Galileo Tower is the final addition to the award-winning development in the heart of Waterfall City opposite the Mall of Africa.

Post-Tensioning & Structural Solutions (PTS-S) Scope:

- PTS-S were subcontracted by the main contractor, Barrow Construction, for the following specialist scope of work:

Post tensioning design, supply and execution, consisting of the following:

- 3 Basement parking levels which is the unbonded mono-strand system
- 13 Upper-Level Floors which is a bonded multi-strand system

PROJECT TIMELINE

- Construction Start: June 2024
- Completion: April 2025