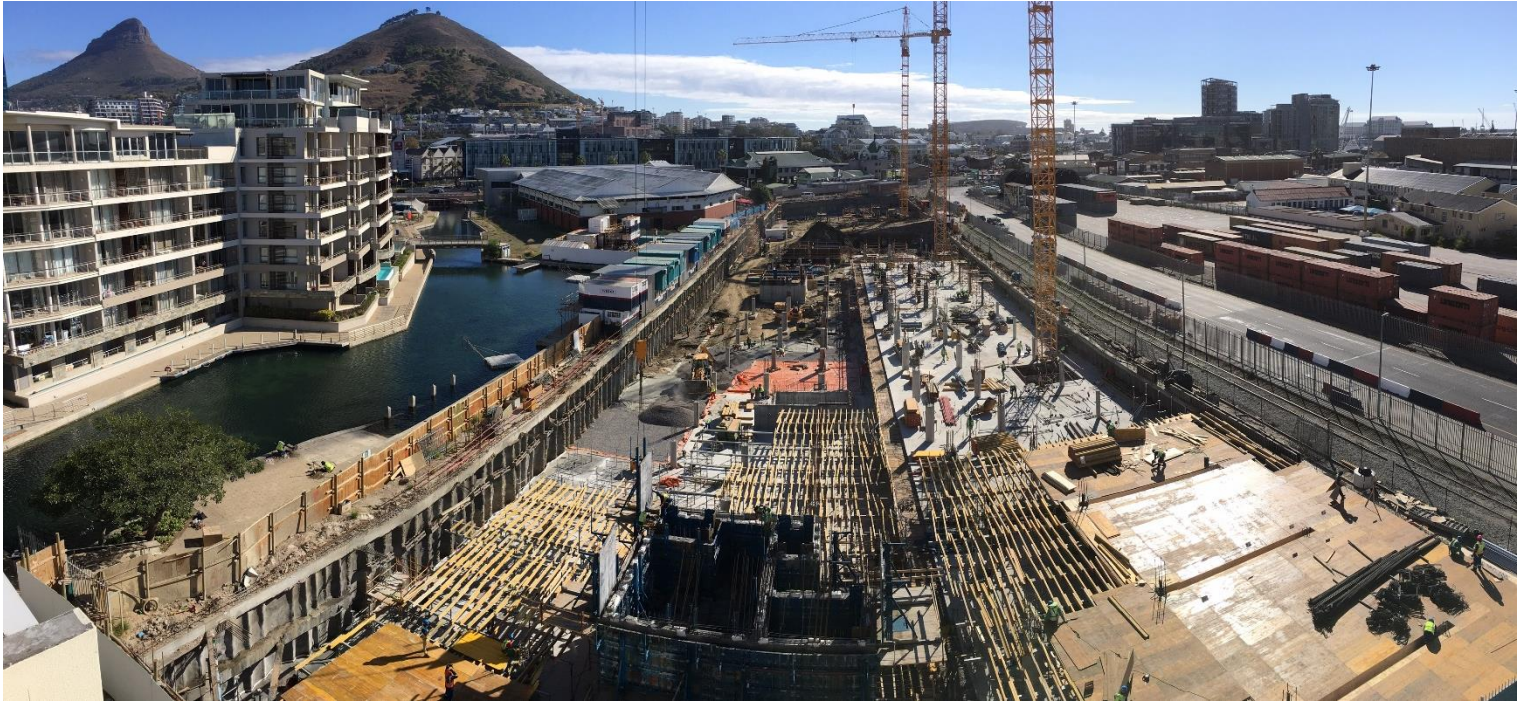




THE YACHT CLUB

Roggebaai, Western Cape, South Africa



Project Facts

Product

CFA & ODEX Piles, Franki DCIS, Auger & Oscillator, Anchors / Geonails & Shotcrete

Market

Residential, Hotel and Retail

Client

AMDEC Property Developments

Main Contractor

Franki Africa

Achievements

- Removal of 60 000 cubic meters of bulk earthworks under very restricted access conditions.
- Working close to and below level of adjacent existing canal.
- Working adjacent to and under live electrical, sewage and water services.
- FAST TRACK Project completed on time and within budget.

- **About the project**

The Yacht Club is a mixed-use development in the vibrant Cape Town Harbour area at the Gateway to the Waterfront and Ocean Passenger Terminal.

- **Challenges**

The Client needed to provide early partial access to the Building Contractor to achieve their ambitious completion deadline and Franki had very tight milestone targets.

Work needed to be undertaken within a high density residential and port environment with heavy vehicle traffic and railway siding activity.

Variable geotechnical ground conditions, high water table, adjacent canal and existing residential apartments and hotel with abundance of live services.

- **The solution**

Lateral support works comprised of 335 No. 400mm Ø CFA + 75 No. 325mm Ø ODEX Soldier Piles, 211 No. R51N SDA Anchors and 2 040m² 150mm thick Gunite. Piling works included 160 No. 520mm - 610mm Ø DCIS Piles, 82 No. Temporary Cased Auger, various diameters and 29 No. 1 200mm Ø Oscillator Piles.

