



The completed masterpiece

VDLV resolves myriad challenges on Leo Haese BMW project

From the concept stage of the Leo Haese BMW Centurion dealership project five years ago, the Professional Team were well aware of the myriad challenges surrounding the design and construction of this striking landmark building.

JC Van Der Linde & Venter Projects (Pty) Limited (VDLV), working in close collaboration with VDO Architects and the client, Leo Haese BMW, once again proved its mettle in rising to the challenges presented by steadily and professionally working through and resolving each as a matter of course.

Contracts Director Steven Brown of JC van der Linde & Venter Projects tells SA Builder: "This project was very challenging in many ways, not only due to the island location and access difficulty, but also in working under the necessary wayleaves to complete the works adjacent to the council roads and footpaths."

Schalk van der Merwe of VDO architects said: "All in all, four designs were produced over a five year period. Throughout the duration of the project a number of issues required to be addressed, including parking and access challenges. Right into the final stages the challenges continued: with a change of colour scheme required on the lower ground floor to adapt to the Mini corporate colours."

For the design team the island-node site fully justified the cladding and glazing concept to which the HBS Advantage curtainwall system and Solar E glazing installation – a first in the country - was admirably suited and which was undertaken and completed to perfection by Edelweiss Glass & Aluminium (see Cover Story on page 10).

The dolomitic ground at the construction site required that the building be constructed atop a raft slab and in 2016 the first of three sections of raft slab was poured, each being 200-300 m³. All in all over 3 000 m³ of concrete was supplied and poured on-site by Pronto Ready Mix and Limpopo Ready Mix.

Some of JC Van Der Linde & Venter's current projects include the following:

- New office development for Mphela and Associates, Menlyn
- New parking facility for the Pretoria Eye Institute, Arcadia
- New training and data facility for BMW, Rosslyn
- UP Onderstepoort and Onderstepoort Veterinary Academic Hospital: medical waste, fire upgrade to SATB building, student health and student study
- New offices and laboratories for Ampath, Lynnwood
- Upgrade of UAE Military Attaché, Arcadia
- Lynnwood office block for Caliber– Lynnwood
- Advtech Mooikloof college
- Growth Point Bakers Transport
- UP Auditorium
- Pocket 1
- Libertas
- Wapadrand offices

Formwork too required an innovative approach. Undertaken by Formwork Logic – the cantilever design creates the illusion that the slab is thinner than it is in reality, presenting the illusion that the upper slabs are actually floating.

Completed in November 2016, these images portray the depth, calibre and capability of the JC Van Der Linde & Venter Projects team, as well as the company's high level capacity of collaboration with the Professional Team.

Indeed the Leo Haese BMW Centurion building stands as a creative masterpiece and iconic landmark – and as a tribute to all involved in its design and construction. ■

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THE PROFESSIONAL TEAM:

Main Contractor
Architect / Principal Agent
Quantity Surveyors
Structural Engineer
Electrical Engineer
Mechanical Engineer
Landscape architect
Health and Safety Rep Client
Fire consultant

JC Van Der Linde & Venter Projects (Pty) Ltd
VDO Consulting CC
Quanticost
Civil Concepts (Pty) Ltd
CKR Consulting Engineers
Spoomakers & Partners
Insite Landscape Architect
Oryx Occupational Safety Solution
Chimera Fire Protection Consultants (Pty) Ltd



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MAIN CONTRACTORS FOR THE MOTOR DEALERSHIP IN CENTURION