



CIVIL & STRUCTURAL ENGINEERS

COMPANY PROFILE

38a Lynburn Road | Pretoria | Gauteng | 0040

www.pdscivils.co.za

PREFERRED
design specialists





OUR MISSION

PDS is committed to deliver a service worthy of the meaning of the Latin word for engineer, “ingeniare” – to create, generate, contrive and devise with ingenium (cleverness).

OUR VISION

To build trusted relationships and serve our clients through integrity, honesty, hard work and accountability in a collaborative, solution-oriented environment focused on providing the right solution instead of the easy solution, in the most efficient and cost-effective way possible.

STRATEGIC PLAN

KEY OBJECTIVES	INITIATIVES
 INNOVATIVE SOLUTIONS	Conducting extensive research Keeping up to date with latest software trends and construction techniques Optimal designs Attention to detail
 EMPLOYEE WELL-FARE	Enable the improvement of skills by continual professional development and mentorship Creating a decent working environment Encourage creativity and independent thinking Supporting financial growth and sustainability
 RELATIONSHIPS	Improve current client and contractor relationships Attain new opportunities by exceeding expectations High ethical values and integrity Learn from the past and embrace the future
 SUSTAINABLE DEVELOPMENT	Focus on health and safety Thinking of future implications Environmentally conscience solutions

MAJOR MILESTONES

- PDS Architects and Engineers 1992
- PDS Civil and Structural Engineers 2000
- PDS Construction 2004

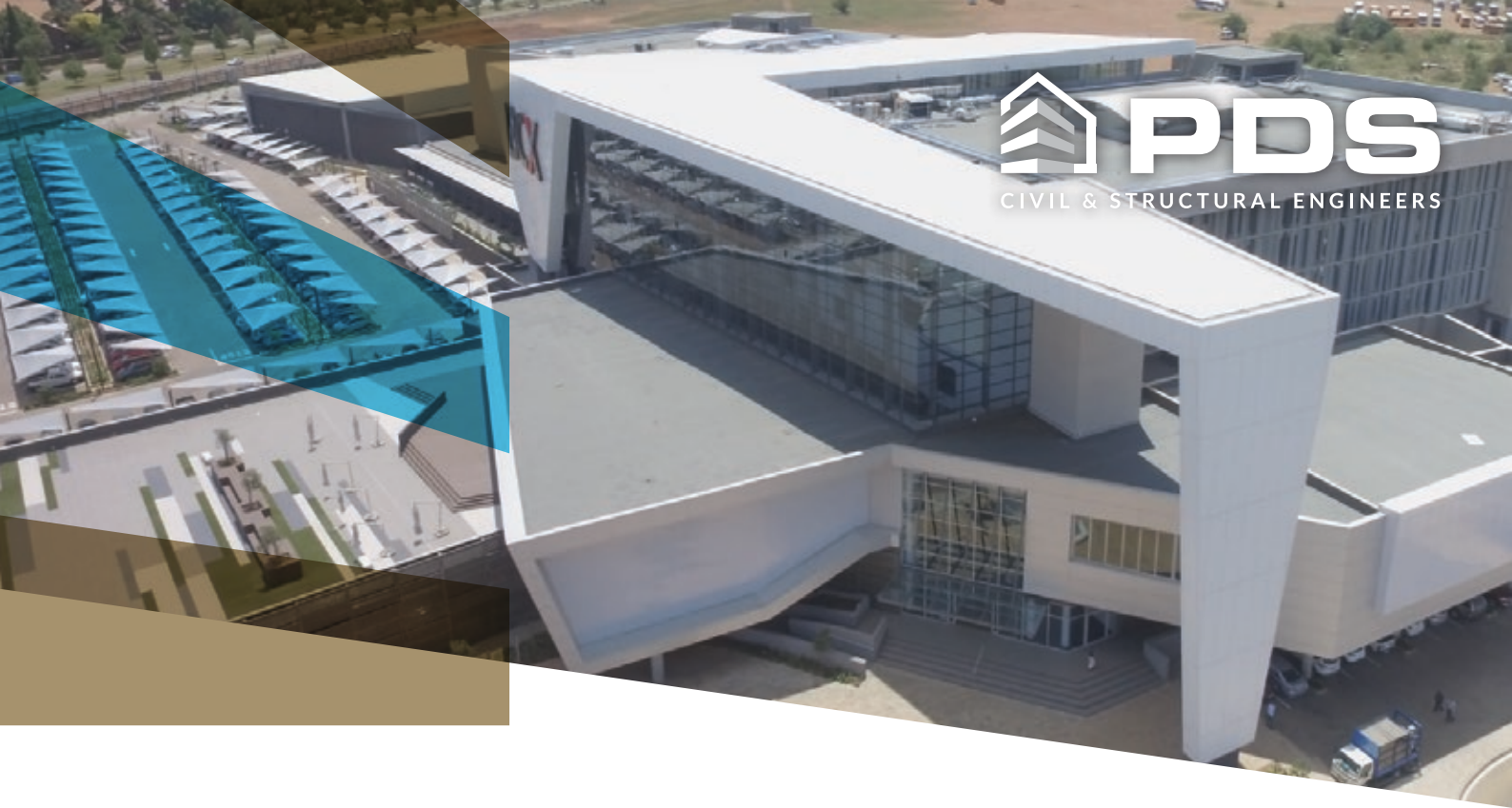
EXPERIENCE

- Foundation design on problematic soils
- Residential (Low-cost to luxury housing developments) Industrial Structures
- Hospitals and Health Care Facilities
- Educational Facilities
- Retirement Villages
- Commercial and Retail Developments
- Infrastructure Development
- Bridges

RESEARCH & DEVELOPMENT

- Pre-cast and modular concrete frames Foundation engineering
- Structural Masonry
- Light-weight Steel Frames Infrastructure and constructed wetlands





SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	BCX Head Office - Centurion
PROJECT PURPOSE	New multi-storey office building
SCOPE OF WORK	Appointed as specialist structural engineers to undertake analysis and design of the foundations and vertical concrete elements (Walls and Columns)
SIZE	36 000m ²
VALUE	R 600 million
SPECIALIST WORK (if applicable)	Foundations on dolomitic soils



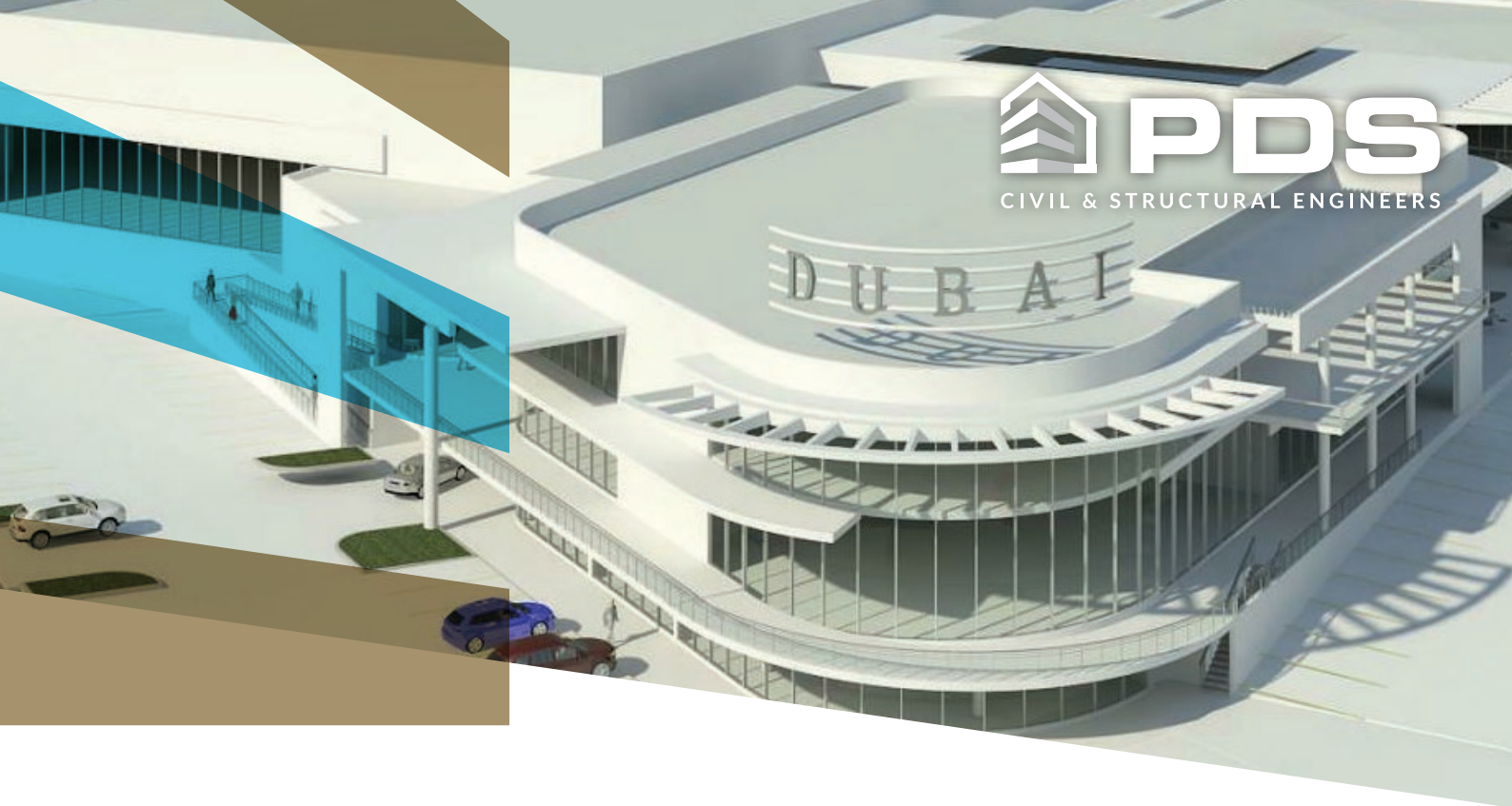
SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Razermart Factory – Linbro Park
PROJECT PURPOSE	New double storey cigarette factory
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
SIZE	34 000m ²
VALUE	R 350 million
SPECIALIST WORK (if applicable)	Large span heavily loadedcoffer slabs



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	The Point – Bedfordview
PROJECT PURPOSE	Multi-storey residential development
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
SIZE	18 000m ²
VALUE	R 60 million
SPECIALIST WORK (if applicable)	Foundations on problematic soils and post tensioned transfer slab (coffer)



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Dubai Exclusive Shopping Centre - Boksburg
PROJECT PURPOSE	Shopping centre
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
SIZE	17 000m ²
VALUE	R 100 million
SPECIALIST WORK (if applicable)	Foundations on problematic soils and unconventional light weight steel roof



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Highcliffe Office Park
PROJECT PURPOSE	Multi-storey office building
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
SIZE	7 000m ²
VALUE	R 70 million
SPECIALIST WORK (if applicable)	Foundations on problematic soils

SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Clear Water Office Park - Parkhaven
PROJECT PURPOSE	Office buildings
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
SIZE	> 35 000m ²
VALUE	> R 300 million
SPECIALIST WORK (if applicable)	Foundations on problematic soils and diverse concrete frame solutions (post tensioned slabs, precast slabs and modular slabs)

SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Die Oog Retirement Estate
PROJECT PURPOSE	Retirement Village – 900 units
SCOPE OF WORK	Appointed as Civil/Structural Engineers for design and certification of all structures and civil services i.e roads, sewer, water and stormwater reticulation as well as sewage purification
SIZE	90 000m ²
VALUE	R 400 million
SPECIALIST WORK (if applicable)	Foundations on highly expansive soils. Constructed wetlands design for sewage purification. With emphasis on the re-use of water in a water Scarce area



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SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Southdowns Residential Development
PROJECT PURPOSE	Upmarket houses in Security Estate
SCOPE OF WORK	Appointed as Civil/Structural Engineers for design and Certification of all structures and civil services i.e roads sewer, water and stormwater reticulation
SIZE	56 units – 19 000m ²
VALUE	R 100 million
SPECIALIST WORK (if applicable)	Foundations on dolomitic conditions Specialist services on dolomitic conditions according to SANS 1936



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Midstream Ridge Primary School (1 000 learners)
PROJECT PURPOSE	Upmarket private school in Security Estate
SCOPE OF WORK	Appointed as Civil/Structural Engineers for design and Certification of all structures
SIZE	11 500m ²
VALUE	R 60 million
SPECIALIST WORK (if applicable)	Foundations on dolomitic conditions

SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Midstream Ridge Medical Offices
PROJECT PURPOSE	Doctor's rooms adjacent to Netcare Hospital
SCOPE OF WORK	Appointed as Civil/Structural Engineers for design and Certification of all structures
SIZE	8 500m ²
VALUE	R 40 million
SPECIALIST WORK (if applicable)	Foundations on problematic S2 conditions- Rapid Impact Compaction of soils with raft foundation

SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	STONE VILLA North and South
PROJECT PURPOSE	Low cost Residential Development
SCOPE OF WORK	Appointed as Civil/Structural Engineers for design and Certification of all structures and civil services i.e roads sewer, water and stormwater reticulation
SIZE	178 units – 16 000m ²
VALUE	R 60 million
SPECIALIST WORK (if applicable)	Foundations on dolomitic conditions Specialist services on dolomitic conditions according to SANS 1936



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	TUT Garankuwa – New Lecturing
PROJECT PURPOSE	New lecturing facilities for Tshwane University of Technology
SCOPE OF WORK	Appointed as specialist structural Engineers to undertake analysis and design of the foundations and superstructure
VALUE	R 80 million
SPECIALIST WORK (if applicable)	Large span auditoriums comprising ribbed slabs and deep beams.



SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	Steyn City Luxury Housing
PROJECT PURPOSE	Upmarket houses in Steyn City
SCOPE OF WORK	Specialist Structural Engineering
SIZE	2 000m ² plus
VALUE	From R 20 million to R 40 million
SPECIALIST WORK (if applicable)	Large open plan reinforced concrete frames with structural steel elements

SELECTED PROJECTS

TITLE	DESCRIPTION
PROJECT NAME	My River Church – East London
PROJECT PURPOSE	New domed roof over existing facility to cover 8 500m ² of floor space without internal column. Facility to be used for large church gatherings.
SCOPE OF WORK	Structural steel roof spanning 72m
SIZE	8 500m ² plus
VALUE	R 40 million
SPECIALIST WORK (if applicable)	Clear span domed roof structure comprising specially manufactured hot dip galvanised plate girders

COMPANY PERSONNEL

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