OPTER ENGINEERING CIVIL AND STRUCTURAL

RESIDENTIAL / COMMERCIAL / INDUSTRIAL

arke ENGINEERING is a diverse, multidisciplinary, engineering consultancy with local, interstate and international experience. Our engineers specialise in civil and structural projects of all categories and magnitudes – no job is too big or small!

CAPABILITY STATEMENT



Why choose arke?

arke ENGINEERING has extensive experience in residential, commercial and industrial developments.

Our team of experts is equipped to handle civil and structural projects of any scale, from minor residential ventures to substantial commercial and industrial developments. We provide tailored engineering solutions for each project individually, ensuring the highest level of quality and efficiency.

CIVIL AND STRUCTURAL

Services

Site Inspections

Soil Sampling / Borelogs

Dynamic Cone Penetrometer Testing

Soil Reports

Contour Plans

Siteworks and Drainage Plans

Domestic Wastewater Management Reports

Footing Construction Reports

Retaining Wall Design

Basement Design

Temporary Works

Remedial Works

Reinforced Concrete Swimming Pool Design

Reinforced Concrete Design

Structural Steelwork Design

Timber Framing Design

Reinforced Masonry Design



Contact Us

















Residential

Stormwater Management Design
On-Site Wastewater Management Reports
Footing Construction Reports
Retaining Wall Design
Basement Design
Reinforced Concrete Swimming Pool Design
Reinforced Concrete Design
Structural Steelwork Design
Timber Framing Design
Reinforced Masonry Design
Rammed Earth Wall Construction

CIVIL AND STRUCTURAL

Commercial

Stormwater Management Design Footing Construction Reports Retaining Wall Design Basement Design Temporary Works Remedial Works Shop Fit-Out Design Shop Fit-Out Design Reinforced Concrete Design Structural Steelwork Design Timber Framing Design Reinforced Masonry Design Review of Shop Drawings



























Industrial

Impact Rolling Earthworks Methodology Stormwater Management Design Footing Construction Reports Retaining Wall Design Temporary Works Remedial Works Reinforced Concrete Design Precast Concrete Design Precast Concrete Design Structural Steelwork Design Steel Portal Frames Crane Runway Beams Timber Framing Design Reinforced Masonry Design