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COMPANYPROFILE





archetype

noun | ar·che·type | \är-ki- tīp\

:the original pattern or model of which all things of the same type are representations or copies

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ABOUT US

GET TO KNOW US AND
WHAT WE DO!

Archetype Project Consultants (APC) is a bona fide Namibian Engineering Consulting and Project Management firm lawfully incorporated in 2016. Archetype caters to various built environment needs and challenges of Clients to meet their objectives using industry accepted tools, methodologies and best practice across various industries and disciplines. The firm is fully Namibian and PDI owned. Archetype has set itself up to operate as a multi-disciplinary consulting firm.



MISSION

VALUES & OBJECTIVES

Our **MISSION** is to build and nurture lasting relationships with our trusted Clients and stakeholders to further their goals through the provision of our services. Our passion for solving complex real world technical problems in the built environment inspires us to create functional and sustainable solutions for an array of challenges to improve the quality of life for ordinary individuals, communities and society at large.

Our core **VALUES** are encapsulated in our slogan which is “Integrity, Excellence, Commitment”.

INTEGRITY

Our integrity is our most valuable asset and allows for the development and preservation of trust with our stakeholders and Clients.

EXCELLENCE

We will strive for excellence and distinction in serving our stakeholders to make best use of their finite resources to achieve their respective objectives.

COMMITMENT

We will commit our collective experience as an organisation as well as Research and Development to seek the best and most sustainable solutions to Clients.

In this attempt, we have a **VISION** to exceed and to go above and beyond our Client’s expectations in the most unambiguous manner in our Client focused approach to maximise customer satisfaction.

OUR OBJECTIVES

Our **OBJECTIVES** are to develop, maintain and nurture a culture of quality, equality, inclusivity and growth among our staff to continually realise and exceed their individual and collective potential and to cultivate passion in themselves to serve society.

1 Continuously raise the standards of services supplied to our Clients and to be considered the service provider of choice

2 Build strong and lasting relations with present Clients and actively cultivate new relationships

3 Be on the forefront of new innovations in Engineering which aim to better lives of communities and increase efficiency

4 Sustain business growth and renown for quality and sound management



SCOPE OF WORK

Archetype by virtue of its directors, associates and staff is endowed with extensive and comprehensive project experience in the avenues of:

CIVIL ENGINEERING

■ Geotechnical Engineering:

- Foundation design
- Dam design
- Design of Tailings Storage Facilities (TSF) for mines
- Hazardous and general waste storage facilities
- Lateral Support Systems
- Retaining Walls.

■ Transportation Engineering [Rural and urban roads]

- Gravel road design and maintenance
- Labour-based road design and supervision
- Bitumen/paved road design and maintenance
- Traffic studies
- Road safety audits
- Borrowpit investigations
- Integrated Transport Plans (ITPs) for district and local municipalities
- Non-Motorized Transport (NMT) design
- Feasibility studies on transportation and economic corridors
- Multi-modal facility design
- Public Transport Action Plans

■ Structural Engineering:

- Residential structures
- Commercial structures (shopping malls)
- Industrial structures
- Specialised concrete repairs on industrial structures
- Structural inspections and audits
- Water retaining structures

- Water, hydrology and hydraulics design (flood routing, flood line studies);
- irrigation schemes and systems
- Sewer, wastewater treatment works and effluent management.



PROJECT MANAGEMENT

Our Project Management scope capability allows us to effectively lead multi-disciplinary consulting teams on small, medium to large projects as Principal Agents.

PROJECT MANAGEMENT

Application of the 10 knowledge areas, tools, techniques and processes as per the Project Management Book of Knowledge (PMBOK) inclusive of:

- Project Integration Management;
- Project Scope Management
- Project Time Management
- Project Scope Management
- Project Quality Management
- Project Human Resource Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management
- Project Stakeholder Management

GENERAL

- Infrastructure asset management systems (e.g. Pavement Management Systems etc);

TRAINING:

- SME training.
 - Contract Management & tender estimation & pricing.
- Project development proposals and implementation (i.e. PPPs).
 - Tender documentation and evaluation.
 - Contract administration.
 - Bills of Quantities and Estimates.
 - Claims and dispute resolution.
 - Feasibility studies.
 - Constructability reviews.



WE ARE COMPLIANT



Archetype subscribes to all relevant laws and bylaws of the governing bodies of the industry (ACEN, ECN etc) and particularly the Constitution of the Republic of Namibia.

COMPLIANCE!

We are well versed in the guiding documents, policies and principles under implementation by the Government of the Republic of Namibia, which include but are not limited to:

- Vision 2030
- Harambee Prosperity Plan
- New Public Procurement Act 2017
- National Development Plans (NDP4)

We consider ourselves stakeholders in these frameworks and thus are active participants in keeping updated on the legislation and following developments on the formulation of these and seeking to be part of review panels when the opportunities arise. This ensures conformity and relevance of our approach, products and services to Clients.

CONTRACTS AND SPECIFICATIONS

Our knowledge and expertise as regards contracts covers the realms of:

- Standard contracts: FIDIC Red and Yellow books, COLTO, JBCC, GCC
- Specifications: COLTO, SANS
- Project Management Book of Knowledge (PMBOK)

THE TEAM

MANAGEMENT



Our team is made up of dedicated professionals who are committed to providing class leading services.



Tuli Nashidengo

(Pr. Eng)

Managing Director



Tuli is a registered Civil Engineer and has over 11 years of industry experience. He is the Managing Director of the firm and has had the unique experience of serving in both the public and private sectors at Client, Consultant and Contractor levels respectively. He has also worked in the mining industry as a Project Engineer on varied industrial projects. He is a graduate of the University of Cape Town.

He began his career at the Roads Authority (RA) of Namibia where he worked in various divisions as follows:

- Road Maintenance – Bitumen, gravel and concrete infrastructure maintenance: setting up priorities and project management and contract administration.
- Construction and Rehabilitation – Management of capital projects; Terms of References and appointment of Consulting Engineers for design; adjudication of Consultants and Contractors.
- Road Management Systems (RMS) – Network level Road Infrastructure Asset Management; Management of specialised monitoring IT and GIS based data subsystems and modelling; HDM4 modelling.

From the RA, Tuli moved on to the consulting engineering field. There he worked for Element Consulting Engineers where he rose to become an associate at the firm. Working directly under the Roads department head, Tuli honed a vital set of skills ranging from tendering (for Consultancy work), planning, feasibility studies, design, supervision, documentation and Project Management. There he also worked on specialised network level projects for the Road Authority's RMS division such as the Road Referencing System (RRS), Visual assessment projects, Network Integration Module etc. He was also a key member in structural design projects of buildings and bridges (3x bridges in Ovitoto) while there.

At Element, Tuli also planned, designed and supervised the construction of labour-based roads which in themselves require a unique design and management approach. The passion of working to develop labour-based SME contractors was born here. Tuli also has particular expertise in the searching and specification of road building materials, pavement, geometric and drainage design related to roads.

Tuli then moved on to the construction side of the industry. The skills gained from the public (RA) and consulting sectors provided a unique insight into the roles of Contracts Manager (at Octagon Construction) and Contracts Director (at MPP Civils) he was to take up. Managing expectations of Clients and Consultants alike was key in these roles. Tuli went on to join MPP Civils Namibia, one of the most vibrant construction firms in the industry. There he was a key player in getting MPP to become the first ISO 9001: 2008 certified Namibian construction firm. The firm went on to win a multitude of awards on the local and SADC stages numerous times.

Tuli is situated as the Managing Director at Archetype and thus his extensive experience guides the team to deliver projects at ever-increasing levels of competence with sound engineering knowledge and judgement. Tuli will have shortly concluded an Advanced Project Management post-graduate qualification and shortly thereafter attain a Project Management Professional (PMP) accreditation with the Project Management Institute (PMI).

Tuli currently sits on the Roads Authority Board of Directors and serves on the board's Human Resource and Audit and Risk Committees as a Board Member. He serves as an External Technical Expert for the Namibia Standards Institute (NSi).



Elvin Kamana

(MBA Candidate USB, B.Eng Civil NUST, Adv Dip
Business Project Management UCT)



Associate

Elvin who is currently undertaking his Master's in Business administration degree (MBA) with the University of Stellenbosch Business school (USB), holds two under-graduate qualifications in Civil Engineering and Business Project Management respectively. Elvin completed his B.Eng degree in Civil Engineering from the Namibia University of Science and Technology (NUST) and was among the first group of graduates to be trained locally and eligible to register as Professional Engineers with the Engineering Council of Namibia. Elvin further went on to complete his Advanced Diploma in Business Project Management with the University of Cape Town.

After seven years in the industry, Elvin has gained vast experience and knowledge in the business management, project management, civil engineering and construction field. Elvin worked as a geotechnical engineer in training at the start of his career. Where his core job descriptions were compiling geotechnical reports, conducting and analysing soil tests, soil profiling and foundation designs. During this period Elvin was involved in the following projects, geotechnical investigations core drilling and sampling Kariba Dam Zimbabwe, forensic investigations for insurance purposes to mention a few.

Elvin then went on to work as a Civil Engineer in Training with Conselect Engineering, where he was involved in the successful designing and supervision of numerous projects. In 2013 Elvin was appointed a site engineer for Namibia Road Products (NRP), in this role Elvin supervised over 30 different subcontractors (SMMEs) in the construction of 134 in-situ and precast culverts. During his time at Namibia Road Products, Elvin was part of various road construction projects and land servicing projects.

In 2015 Elvin was appointed as a project manager for Ino Investment Pty Ltd, where he managed residential projects and land servicing projects. The latest job that Elvin has been managing is the 5MW Solar plant in Outapi. Elvin was engaged in this project from the initiation, planning, execution, monitoring and control phases of this project. Entrepreneurship and leadership is among the top values that Elvin strongly considers to be important and has shown these qualities by being part of several business start-ups and various business engagements.



Boné Makgekgenene

(Pr. Eng)

Associate



Boné completed his undergraduate studies at the University of Cape Town and was awarded the Barry Van Wyk award for the best undergraduate thesis in Geotechnical Engineering across all South African Universities from South Africa Institute of Civil Engineering (SAICE).

His achievement earned him a bursary from Jeffares and Green to embark on a Master of Science degree in Geotechnical Engineering of which he successfully completed in record time. He lectured Geotechnical Engineering at Honours level and presented at several international conferences.

Upon completion of his studies, he joined Jeffares & Green Consulting Engineers as a specialist in deep foundations, Soil Mechanics, Design and Operation of Hazardous landfills, Design of Waste Landfills, Design of Slimes Dams and Site Investigations. He specialises in landfill operations, Slimes Dam, Tailings Dams, specification and testing of Geosynthetic Materials, Lateral Support Systems, Retaining Walls and Foundation designs.

Recent projects involve the operational sequence and contract administration of Simunye Landfill in Swaziland, Technical Planning, Costing and Design of a Mine Tailings Dam in Selebi Phikwe (Botswana), a 40 Km pipe line of portable water pipe line in Kwajobe- Jozini Municipality in KwaZulu Natal and Housing Projects in Luanda, Angola.

Boné has consulted as far as Geneva Switzerland and parts of southern Africa and brings international experience. Boné is an associate of the firm.



Sadiq Addae

(Pr. Eng. Pr. CPM): BSc. (Civil), MBA, MIRM

Associate



Sadiq completed his BSc degree in Civil Engineering from the University of Capetown in 2007. He has since gained experience at a senior managerial level in several facets of Engineering and Management.

He has designed and supervised the construction of engineering services (water and sewer reticulation, roads and storm water) for a total construction project value in excess of R500 million. Sadiq has overseen projects where he performed professional services as principal agent for architectural and building projects for large state owned enterprises including the Independent Development Trust (IDT) and the Automotive Industry Development Centre (AIDC) in South Africa. He was the lead engineer in structural analysis and design projects looking at the structural stability of platforms for several train stations in Johannesburg for the Passenger Rail Agency of South Africa (PRASA), and also has good experience in the design of warehouses and single-storey steel structures.

In Transportation planning and engineering, Sadiq has the following experience:

- Integrated Transport Plans (ITPs) for district and local municipalities;
- Non-Motorized Transport (NMT) design;
- Feasibility studies on transportation and economic corridors;
- Multi-modal facility design;
- Public Transport Action Plans;
- Public, non-motorized transport and freight by-laws;

He also has experience in the design of bridges, river crossings, water retaining structures, water and waste water treatment plants. Sadiq was responsible for the design and construction (turnkey) of 3 solid waste transfer stations in the Eastern Cape.

In 2014, he attained a Master's degree in Business Administration (MBA) from the prestigious INSEAD Business School which is currently ranked #1 in the world. During this period, he obtained global business experience in Europe, Asia and the Middle East.

Additionally, he is a member of the Institute of Risk Management (UK) and the South African Institute of Civil Engineers (SAICE). Sadiq is a Professional Engineer (Pr. Eng.), registered with the Engineering Council of South Africa (ECSA), as well as a registered Professional Construction Manager (Pr. CPM.) with the South African Council for Project and Construction Management Professions (SACPCMP).

Sadiq is an associate at Archetype Project Consultants.



Arnold Daan

(B.Eng. Mech)

Associate



Arnold holds an B.Eng. qualification in Mechanical Engineering and is a Chartered Engineer.

After 6 years in the industry, Arnold has gained vast experience and knowledge in the field of design, site supervision, cost estimation and analysis, tender documenting and other related administration work that includes payment valuations and tender administration.

Below are some key competencies of mechanical systems she has been involved:

- HVAC design (split units, VRV, ventilation);
- Booster pumping systems;
- Water reticulation systems (domestic, irrigation and fire protection);
- Site bulk water supply systems;
- Automatic fire sprinkler systems;
- Fire safety (emergency escape routing);
- Solar water heating systems;
- Medical equipment (oxygen, compressed air);
- LPG installations;
- Kitchen equipment installations.

Lorreta Mokaeya

Office Management



Loretta is our resident administrator and office manager. She caters to the day to day running of the firm and is equipped with the aptitude and work ethic to cater to the workload. She is presently pursuing her BA degree.



OUR FOOTPRINT

We are positioned to serve the entire Namibia and southern Africa at large.

RESEARCH AND DEVELOPMENT

Archetype engages pro-actively in research and development and is involved with academic institutions namely the NSi. Archetype offers internships to students looking for experiential training. We also seek to push the boundaries of research by sponsoring and focusing study programmes at undergraduate and Master's thesis levels.

QUALITY MANAGEMENT AND STANDARDS

Archetype has adopted the ISO 9001 standard and has thus aligned its business strategy along these lines. In adopting the standard, we seek to craft procedures, guidelines and culture that will streamline our company processes and mitigate risk associated with the provision of our services that will be measurable and constantly kept in check. We will thus achieve:

- A more efficient use of resources;
- Increased capability to provide and deliver consistent and improved services and thereby increase value to Clients and stakeholders;
- Improved risk management (identification and mitigation) associated with projects;
- Effectively manage contracts between Clients and Contractors to mitigate against claims;
- The auditable ISO approach will make sure to keep our firm's objectives in check and demonstrate our firm's commitment to quality by regular audits by independent bodies (NSi etc);
- Continuously innovate and improve and review the organisation's objectives and goals to keep up with changing trends.

MEMBERSHIPS

AFFILIATED BODIES AND INSTITUTIONS

We are affiliated to the following bodies and organisations:

- Association of Consulting Engineers of Namibia (ACEN);
- Green Building Council of Namibia (GBNA);
- Engineering Council of Namibia (ECN);
- Engineering Professions Association of Namibia (EPA);
- Educational Institutions;
- Namibia Standards Institution (NSI).

TOOLS OF OUR TRADE

We utilise the following tools to achieve project and product realisation:

- Various drafting software with emphasis on integrated Building Information Modelling;
- Various Engineering Analysis software;
- Project Management and Estimation software (Candy, MS Project);
- Infrastructure management software such as HDM4 for strategic road management.



CONTACT US

WE WOULD LOVE TO
HEAR FROM YOU!

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Would you like to know about our projects?
OUR PROJECT LIST IS AVAILABLE ON REQUEST



Visit us **online**

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