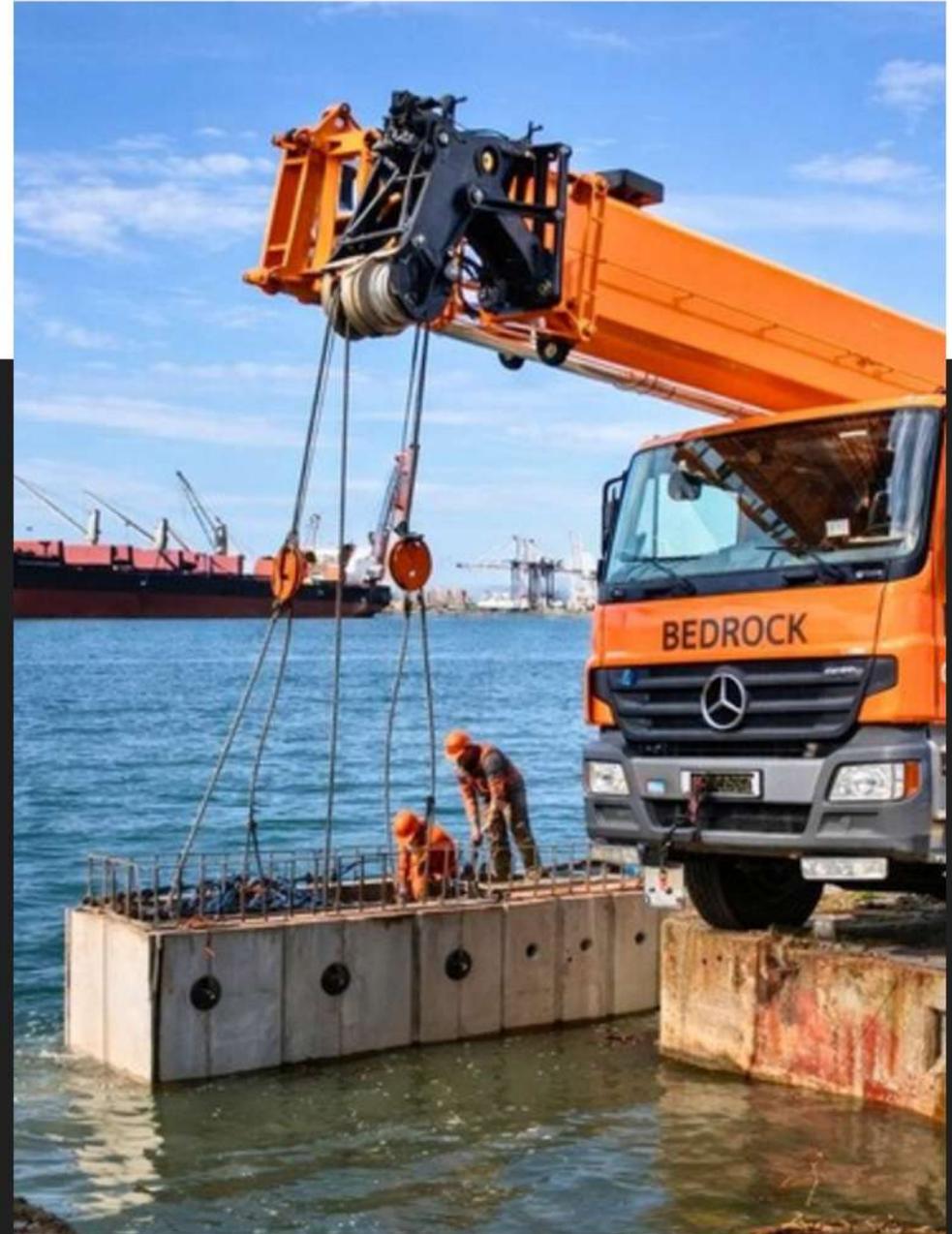


BEDROCK

DEVELOPMENTS • CIVILS • CONSTRUCTION

PORTFOLIO

MARINE STRUCTURES



SHAPING COASTAL INFRASTRUCTURE

SALT WATER PUMP STATION

(Durban Harbour)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Transnet

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Construction works for a **saltwater pump station** at Durban Harbour, incorporating the **installation of large precast concrete elements**. The scope included **off-site manufacture** to ensure dimensional accuracy and durability, **transport and placement of precast units**, and integration into the marine pump station structure, designed to **perform reliably in a corrosive saltwater environment** and support long-term operational demands.



QUAY EXTENSION

(Durban Harbour)

PROJECT INFORMATION

CLIENT / PRINCIPAL

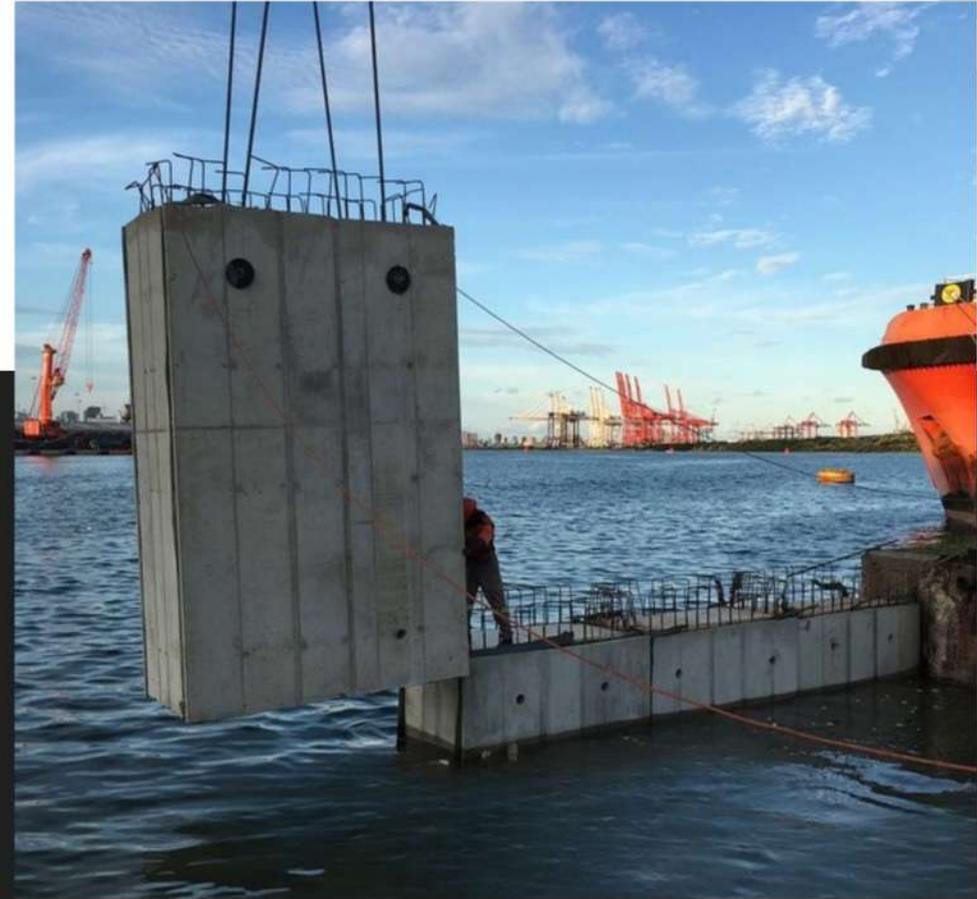
Dormac Marine Engineering

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Manufacture and installation of **precast concrete caissons** at Durban Harbour, Dormac Marine Engineering, including off-site manufacture for precision and quality, transport by truck and controlled **sinking into the seabed** to form foundations that **extend quay walls** and provide structural stability, with efficient installation and minimal disruption to active harbour operations.



DOCK EXTENSION

(Matola Port, Maputo)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Subtech

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

At **Matola Port** in Maputo, Bedrock delivered **specialised marine infrastructure works**, including the manufacture and installation of **precast concrete concrete slabs - pile caps and caissons**. The project drew on Bedrock's proven construction and precast expertise, contributing directly to the **development and operational strength of the port** while meeting the demands of a complex coastal working environment.



ARTIFICIAL REEF

(Maputo, Mozambique)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Van Oord

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Design, manufacture, and placement of artificial reef structures to enhance **natural marine resources**, increase biodiversity, and create **protected habitats** for marine life. The **reef elements** were strategically positioned to **control wave breakpoints**, reducing wave energy and contributing to coastal protection, while supporting long-term ecological regeneration in the marine environment.



PRECAST ANCHORS

(Maputo, Mozambique)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Subtech

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Design, manufacture, and installation of pipe saddles to support and **secure marine pipework**, ensuring correct alignment, load distribution, and **protection against wear and corrosion** caused by saltwater and environmental exposure.



PRECAST SADDLES

(North Coast, KZN)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Sibaya

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Design, manufacture, and installation of anchoring sinkers for mooring systems, providing stability and restraint to keep marine structures securely anchored and capable of withstanding tidal movement, wave action, and environmental forces.



PRECAST LOOP PITS

(Durban, KZN)

PROJECT INFORMATION

CLIENT / PRINCIPAL

Macwin

SPECIALIST PRECAST CONTRACTOR

Bedrock Group

SCOPE OF WORK

Manufacture and installation of precast concrete loop pits for electrical cabling in a coastal environment. The pits provide **protected access** for cable looping, jointing, and future maintenance, while being **designed to withstand** chloride exposure, groundwater, and **coastal conditions**.

Marine-grade precast construction ensured durability, consistent quality, and efficient installation within an aggressive coastal setting.

