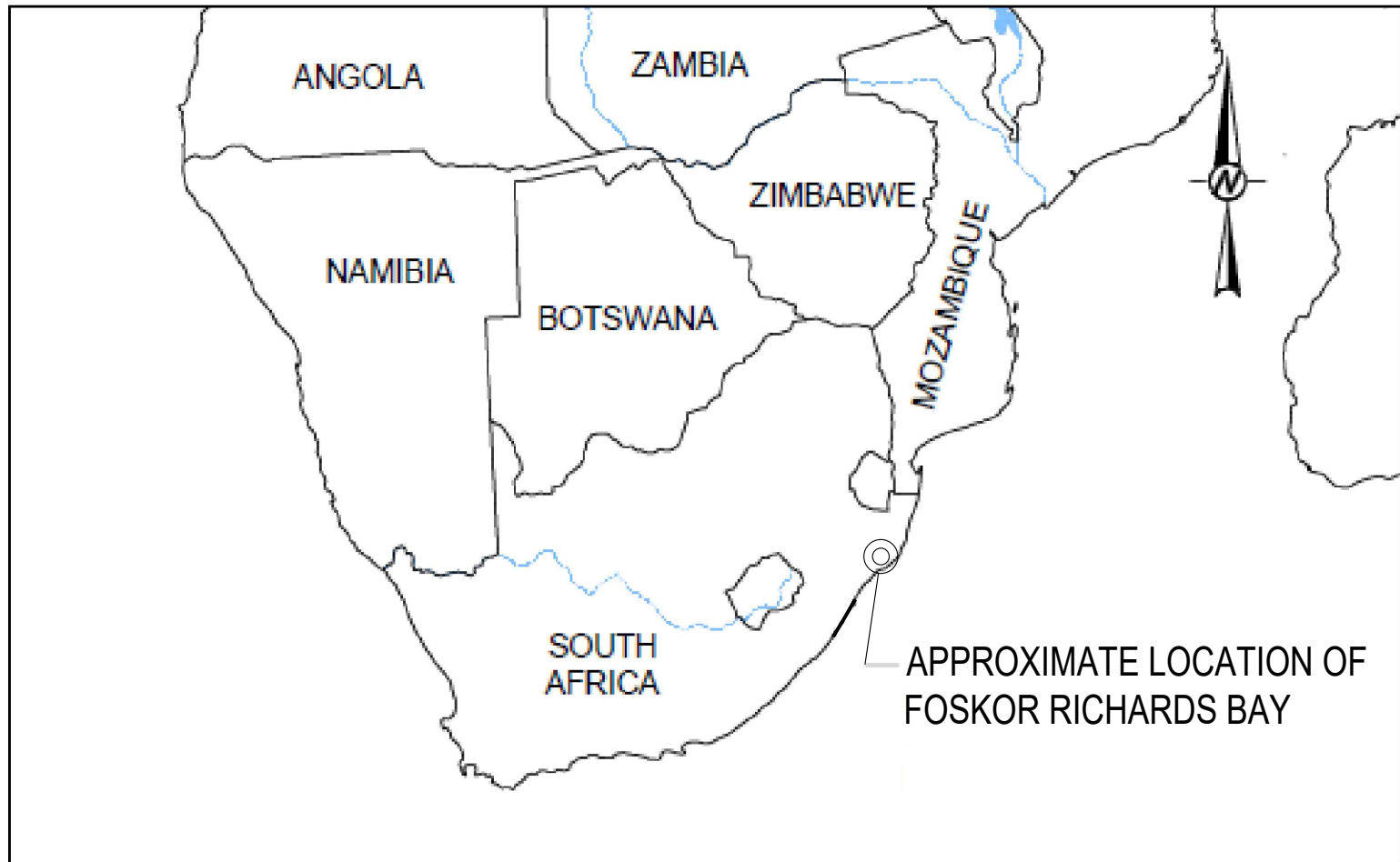




LOCATION MAP
SCALE NTS



VICINITY MAP
SCALE NTS

NOTE(S)

- THESE NOTES APPLY TO ALL PROJECT DRAWING IN THE SET UNLESS NOTED OTHERWISE AND SHALL BE READ IN CONJUNCTION WITH THE REHABILITATION PLAN.
- ALL CO-ORDINATES ARE IN METERS TO LO 29 WITH SOUTH AFRICAN SURVEY GRID WGS84 DATUM 31 DEG EAST.
- ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- DIMENSION AND LOCATION OF EXISTING STRUCTURES SHALL BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.
- LOCATION AND DEPTH OF ALL SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.
- DIMENSIONS SHALL NOT BE SCALED OFF DRAWINGS.

TECHNICAL DESIGN OF FOSKOR DAMS

DRG NO:	DESCRIPTION
R21-097-00-001	COVER PAGE, LOCALITY AND DRAWING LIST
R21-097-00-002	GENERAL ARRANGEMENT OF PRIMARY & SECONDARY DAMS
R21-097-00-003	GENERAL LAYOUT PLAN
R21-097-00-200	PRIMARY DAM OVERFLOW STRUCTURE LAYOUT AND DETAILS
R21-097-00-201	SECONDARY DAM OVERFLOW STRUCTURE LAYOUT AND DETAILS
R21-097-00-202	SECONDARY DAM OVERFLOW STRUCTURE SECTIONS
R21-097-00-203	TYPICAL DETAILS – STORMWATER CHANNELS AND SAW-CUT DETAIL
R21-097-00-204	SECONDARY DAM PUMPSTATION LAYOUT AND SECTIONS
R21-097-00-205	ABSTRACTION PIPELINE ANCHOR BLOCKS
R21-097-00-206	PRIMARY DAM INLET PIPES RC ANCHOR BLOCK CONCRETE AND REINFORCEMENT
R21-097-00-207	TYPICAL DETAILS – PUMPSTATION REINFORCED CONCRETE SLAB
R21-097-00-208	TYPICAL DETAILS – ANCHOR TRENCH AND ROAD
R21-097-00-210	LEACHATE AND SUB-SOIL LAYOUT OF DAMS
R21-097-00-211	TYPICAL DETAILS – EMBANKMENT TYPICAL SECTIONS AND DETAILS
R21-097-00-212	TYPICAL DETAILS – DAM LINER AND ANCHOR TRENCH DETAILS
R21-097-00-213	TYPICAL DETAILS – LEAKAGECOLLECTION SUMP LAYOUT, SECTION AND DETAILS
R21-097-00-214	TYPICAL DETAILS – LEAKAGE DRAINAGE AND DETECTION LINER CONFIGURATIONS
R21-097-00-215	TYPICAL DETAILS – DAM LEAKAGE AND SUMP PUMP SLEEVE SECTIONS AND DETAILS
R21-097-00-216	TYPICAL DETAILS – DAM RETURN WATER SYSTEM SECTIONS AND DETAILS
R21-097-00-350	TYPICAL DETAIL – PIPE TRENCHES
R21-097-00-351	TYPICAL DETAIL – THRUST BLOCK
R21-097-00-352	TYPICAL DETAIL – ISOLATION VALVE AND CHAMBER DETAILS FOR VALVES FROM 75mmØ – 160mmØ
R21-097-00-353	TYPICAL DETAIL – ISOLATION VALVE AND CHAMBER DETAILS FOR VALVES FROM 200mmØ – 315mmØ
R21-097-00-354	TYPICAL DETAIL – FABRICATED FITTINGS
R21-097-00-355	TYPICAL DETAIL – NON-RETURN VALVE AND CHAMBER DETAILS FOR VALVES 160mmØ
R21-097-00-356	TYPICAL DETAIL – NON-RETURN VALVE AND CHAMBER DETAILS FOR VALVES 250mmØ
R21-097-00-357	TYPICAL DETAIL – NON-RETURN VALVE AND CHAMBER DETAILS FOR VALVES 300mmØ
R21-097-00-358	TYPICAL DETAIL – NON-RETURN VALVE AND CHAMBER DETAILS FOR VALVES 450mmØ
R21-097-00-700	GENERAL NOTES



SITE LAYOUT
SCALE 1:7500

NOTES:

C	25/05/2023	LI	FOR TENDER
B	24/04/2023	LI	DRAWING UPDATED
A	12/03/2023	LI	ISSUED FOR INFORMATION
No.	Date	By	Description

REVISIONS

AS BUILT DRAWINGS

TECHNICAL CO-ORDINATOR

ENGINEER

DATE:.....

DATE:.....

CLIENT



CLIENT APPROVAL

Project leader:	Signature :
Date:	

CLIENT DRAWING NUMBER:

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Designed :	I. INAN	Date:	24/04/2023	Signature :
Drawn :	B. V. V	Date:	24/04/2023	Signature :
Checked :	I. INAN	Date:	24/04/2023	Signature :
Approved: C. Claassens Pr. Eng. 800450		Date:	24/04/2023	Signature :

PROJECT TITLE

**FOSKOR
RELINING OF STORMWATER DAMS**

PROJECT DESCRIPTION

**TECHNICAL DESING OF STORMWATER
DAMS**

DRAWING TITLE

**COVER PAGE LOCALITY
AND DRAWING LIST**

DATE: 5 June 2023	SCALE: As Shown	PAPER SIZE: A1	SHEET NO: 1 OF 1
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PLAN No.

CONSULTING ENG. DRAWING NO:
R21-097-00-001

Rev
C