



MAKWASSIE

LEBALENG

KEY PLAN

1:5000

GENERAL NOTES:

THIS DESIGN WAS ENGINEERED BY:
SEA PROJECTS AND ENGINEERING (PTY) LTD

1. ALL MATERIALS AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS PROJECT SPECIFICATIONS.
2. ALL DIMENSIONS IN MILLIMETERS.
3. ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
4. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR MUNICIPAL CIVIL ENGINEERING WORKS.
5. FINAL POSITION TO BE DETERMINED ON SITE.
6. ALL CONCRETE MIXES TO BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
7. EXCAVATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
8. ALL MASS CONCRETE TO BE 15MPa/19 UNLESS STATED OTHERWISE BY THE ENGINEER.
9. BENCHING SHALL BE FINISHED WITH A 20mm DOLOMITIC LAYER PLACED WHILE CONCRETE IS STILL GREEN AND STEEL FLOAT TO SMOOTH FINISHED.
10. BACKFILL TO BE DONE WITH G5 MATERIAL COMPACTED IN LAYERS OF 150mm THICK TO 95% MOD ASHTO AT OMC.
11. CHANNELING MUST BE BUILT WITH GLAZED EARTHENWARE OR FIBRE CEMENT CHANNEL RECESSED INTO CONCRETE FOUNDATION.
12. EXCAVATION PRIOR TO TRENCH EXCAVATIONS AND CONFIRM LEVELS.
13. COMPACTION OF BEDDING MATERIAL AROUND PIPE TO BE DONE WITH SPECIAL CARE.
14. ALL PIPES TO BE PRESSURE TESTED TESTED AFTER COMPLETION.

DESIGN COORDINATOR APPROVAL:

SIGNATURE _____ DATE _____

PROJECT MANAGER APPROVAL:

SIGNATURE _____ DATE _____

CLIENT APPROVAL:

SIGNATURE _____ DATE _____

REVISIONS					
NO.	DATE	DESCRIPTION	BY:	CHK:	APPR.:

DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:	SCALE:
M.R	C.K	M.R	S.N	29/07/2025	N.T.S

CLIENT:



Maquassi Hills
Local Municipality

MAQUASSI HILLS LOCAL MUNICIPALITY
Private Bag X3
19 Krugger Street
Wolmaranstad
2630

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WEB: www.maquassihills.co.za

PROJECT:

REPLACEMENT OF ASBESTOS CEMENT BULK AND RETICULATION PIPELINES

DRAWING TITLE:

RETICULATION: KEY PLAN

CONSULTANTS:

SEA PROJECTS AND ENGINEERING



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SIZE:	PROJECT NO.:	DRAWING NO.:	SHEET NO.:	REVISION:
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