



COLOUR IDENTIFICATION

- 1) OXFORD BLUE No. F02 (SABS 1091-1975)
- 2) SMOKEY GREY No. F20 (SABS 1091-1975)

- 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% MDD 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.

LEGEND

▲ Benchmarks	⊥ Sign Post	▒ Concrete Paving	— Culvert
⊕ Electric Pole	⊕ Steel Pole	▒ Brick Paving	— Drain
⊕ Sign Board	⊕ Staywire	▒ Tarmad Road	— Top of pipe
⊕ Fibre Manhole	⊕ Water Valve	▒ Dust Road	— Fence
⊕ Lamp Post	⊕ Valve Manhole	▒ Driveway	— Bottom Kerb
⊕ Fire Hydrant	⊕ Boltard	▒ Railway	— Top Kerb
⊕ Tree	⊕ Wooden Pole	▒ Gate	— Minor Contour
⊕ Water Meter	⊕ Water Tank	▒ Electric Box	— Major Contour
⊕ Sewer Manhole	⊕ Insert Level		
⊕ Unknown Manhole	⊕ Stormwater Manhole		
⊕ Rock			

DESIGN COORDINATOR APPROVAL:

SIGNATURE _____ DATE _____

PROJECT MANAGER APPROVAL:

SIGNATURE _____ DATE _____

CLIENT APPROVAL:

SIGNATURE _____ DATE _____

REVISIONS

NO.	DATE	DESCRIPTION	BY:	CHK:	APPR.:
A	28/05/2026	ISSUED FOR TENDER	C.K.	M.R.	S.N.

DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:	SCALE:
M.R	C.K	M.R	S.N	29/05/2026	N.T.S

CLIENT:

Maquassi Hills Local Municipality

MAQUASSI HILLS LOCAL MUNICIPALITY
 Private Bag X3
 19 Krugger Street
 Wolmaranstad
 2830

TEL: (018) 596 1068
 FAX: (018) 596 1555
 WEB: www.maquassihills.co.za

PROJECT:

REPLACEMENT OF ASBESTOS CEMENT BULK AND RETICULATION PIPELINES

DRAWING TITLE:

MAQUASSIE RETICULATION:
 TYPICAL DETAILS : NAMEBOARD

CONSULTANTS:

SEA PROJECTS AND ENGINEERING

7107 Rosewood Road
 Broadacres
 Gauteng
 2169

TEL NO. : +27(0) 10 143 1687
 EMAIL: seane@seaprojects.co.za

SIZE:	PROJECT NO.:	DRAWING NO.:	SHEET NO.:	REVISION:
A0	20241003	DRG-CIV-013	01	A