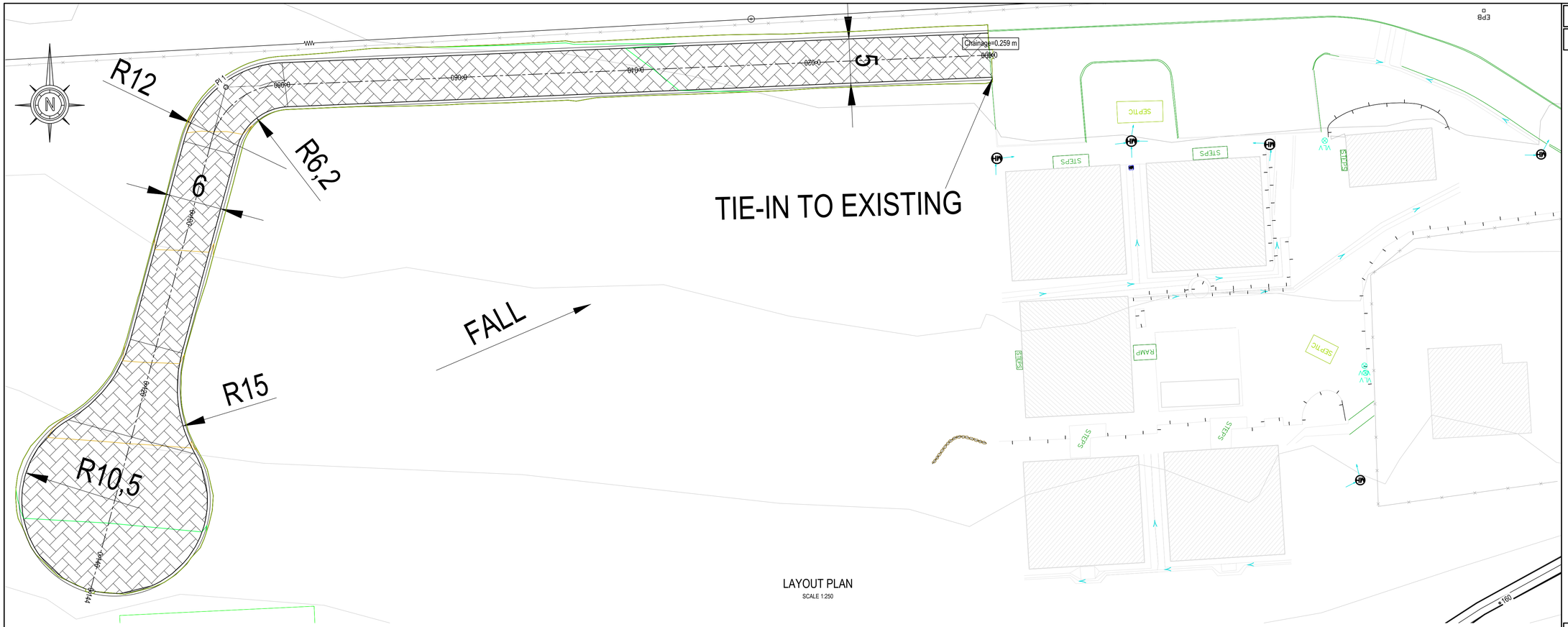
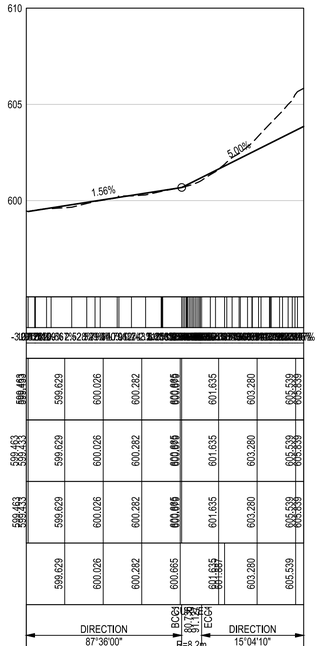


LAYOUT PLAN
SCALE 1:250

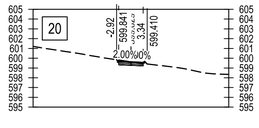


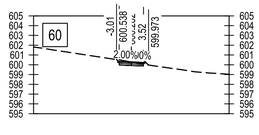
SCALES:
Horizontal 1:1000
Vertical 1:100

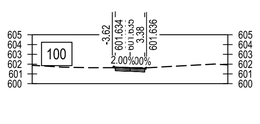
DATUM 595.000

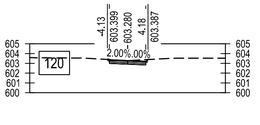
VERTICAL PROFILE GRADES									
FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)	599.463	599.629	600.026	600.282	600.695	601.635	603.280	605.539
	CENTRE LINE (CL)	599.463	599.629	600.026	600.282	600.695	601.635	603.280	605.539
	RIGHT EDGE (HR)	599.463	599.629	600.026	600.282	600.695	601.635	603.280	605.539
GROUND LEVELS ON CL			599.629	600.026	600.282	600.665	601.635	603.280	605.539
HORIZONTAL ALIGNMENT			DIRECTION 87°36'00"			BC 80.139 EC 80.711 R=8.2m l=51°20'10"	EC 80.711	DIRECTION 15°04'10"	
DISTANCE (m)		20	40	60	80	100	120	140	

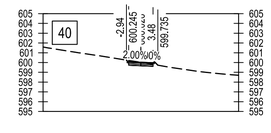
LONGSECTION NEW ROAD
FROM 0.000 TO 144.207

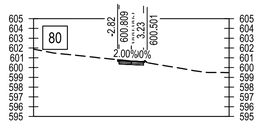


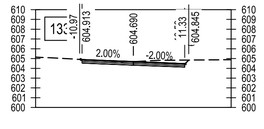


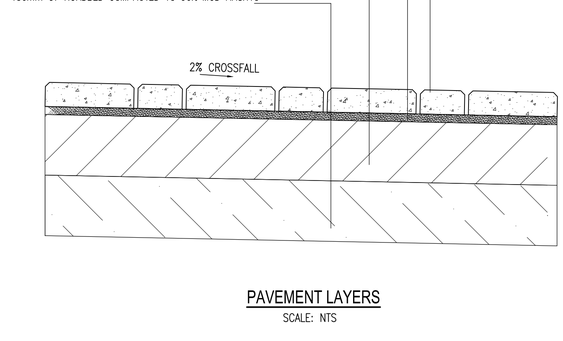




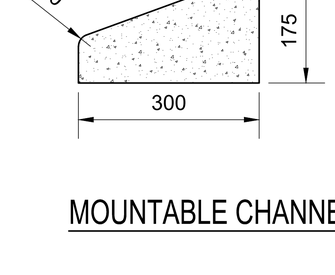








PAVEMENT LAYERS
SCALE: NTS



MOUNTABLE CHANNEL KERB

SABS (FIG. 3/8b)

IF IN DOUBT ASK

NOTES AND SPECIFICATIONS

GENERAL

1. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS.
2. ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED).
3. DO NOT SCALE FROM THIS DRAWING.
4. ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
5. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS,
6. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE ARCHITECT DRAWING (IF APPLICABLE).
7. THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF THE WATER AND SANITATION DEPARTMENT OF THE CITY OF TSHWANE ARE COMPLIED WITH.
8. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.

NOTES

1. ALL IMPORTED FILL TO CLASSIFY AS G7 OR BETTER.
2. ALL LEVELS SHOWN ARE BULK EARTHWORKS LEVELS UNLESS OTHERWISE AGREED.
3. BATTER SLOPES TO BE 2:1 UNLESS OTHERWISE AGREED
4. ALL FILL TO BE COMPACTED TO MINIMUM 93% MOD AASHTO UNLESS OTHERWISE NOTED.
5. SETTING OUT DIMENSIONS TO BE CONFIRMED ON SITE.
6. CONTRACTOR TO ENSURE THAT ALL SITE ACTIVITIES ARE IN ACCORDANCE WITH OSH ACT. 1993 CONSTRUCTION REGULATIONS 2003.
7. ALL WORKS TO COMPLY WITH THE REQUIREMENTS OF SABS 1200D.
8. ACCURACY OF WORK TO COMPLY WITH SABS 1200D DEGREE OF ACCURACY II .
9. TESTING
   a) ONE MODIFIED AASHTO MAXIMUM DENSITY DETERMINATION TO BE CARRIED OUT FOR EACH SET OF TESTS ON HOMOGENEOUS MATERIAL
   b) SETS OF DENSITY TEST TO COMPRISE:
      ORDINARY FILL / SUBGRADE 4 TESTS PER 2000m²
      SELECTED LAYERS 4 TESTS PER 1500m²
      SUB - BASE 4 TESTS PER 1000m²
   c) ACCEPTANCE CRITERIA REFER TO TABLE 2 SABS 1200DM
10. NOTE EXISTING PAVING BLOCKS TO BE REMOVED AND BASE MATERIAL TO BE RIPPED AND RECOMPACTED TO 95% MOD. AASHTO

AMENDMENTS

ALPHABETICAL LETTERS (A,B,C...) - FOR INFORMATION ONLY.
NUMERIC NUMBERS (1,2,3...) - FOR CONSTRUCTION

No.	DATE	ISSUED BY	DESCRIPTION
A	28/04/2021	T.N.	ISSUED FOR INFORMATION
0	27/01/2021	T.N.	ISSUED FOR CONSTRUCTION

ASSOCIATED DRAWINGS

DRAWING NUMBER	DRAWING TITLE

CLIENT

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South African National Biodiversity Institute
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TEL: +27 12 843 5000
FAX: +27 12 804 3211
Website: www.sanbi.org

CONSULTANT

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FAX: +27 86 677 8643
E-mail: pmadmin@triviron.co.za

PROJECT TITLE :

THOHOYANDOU BOTANICAL GARDEN

DRAWING TITLE

PROPOSED ROAD LAYOUT AND DETAILS

ENGINEER (CONSULTANT)			
INITIALS AND SURNAME	SIGNATURE	Pr. Reg No.	DATE
CLIENT REPRESENATIVE			
INITIALS AND SURNAME	SIGNATURE	DESIGNATION	DATE

DESIGNED	DESIGN APPROVED	DRAWN	DRAWING CHECKED
S.M	A.B	S.M	S.M
DATE	SHEET NUMBER	SCALE	
12/11/2026	SHEET 1 OF 1	AS SHOWN	
ISSUED FOR	PROJECT NUMBER	PAPER SIZE	
INFORMATION	TPM006-2026	A1	
DRAWING NUMBER		REVISION	
TPM006-2026- RD01		0	

I:\Tsweu\Triviron Serv 2018\TRIVIRON HOLDINGS - 2018\TPM - Civil and Structural Engineering\TPM26005 - SANBI\3. Project Stage\Design - Drawings\Working Drawings\04. Stormwater\TM26006 - Road & Subsoil.dwg | SPHIWE MAHLANGU | 2026/11/12 11:25:09