

PLAN VIEW
SCALE 1:1000

STORMWATER - SETTING OUT DATA

| PIPE NAME | START - X | START - Y | START IL | END - X | END - Y | END IL | 2D LENGTH | SLOPE | DIAMETER AND CLASS |
|-----------|-----------|------------|----------|----------|------------|---------|-----------|--------|--------------------|
| C12 | 42526.87 | 3679751.71 | 967.726 | 42524.11 | 3679756.00 | 967.650 | 5.103 | 1.480% | 450mm Class 1000 |

INTERSECTION - SETTING OUT DATA

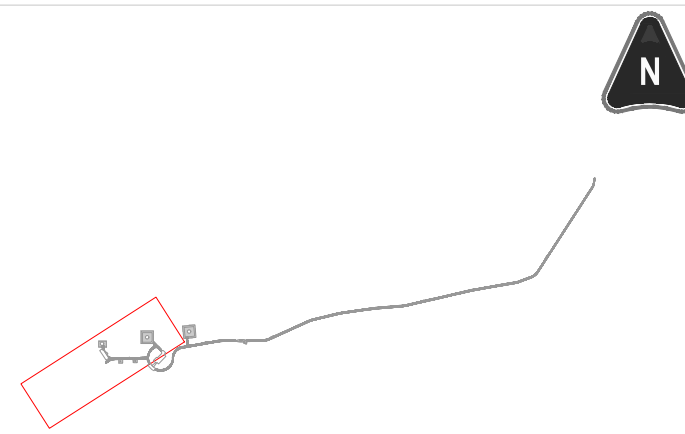
| POINT | X | Y | Z | DESCRIPTION |
|-------|-----------|-------------|---------|-------------|
| P1 | 42496.356 | 3679740.537 | 968.839 | BC1 |
| P2 | 42503.116 | 3679742.066 | 969.151 | |
| P3 | 42506.499 | 3679743.823 | 969.259 | EC1 |
| P4 | 42496.273 | 3679761.437 | 966.994 | CC1 |
| P5 | 42518.822 | 3679746.972 | 968.995 | BC2 |
| P6 | 42514.450 | 3679740.690 | 969.320 | |
| P7 | 42515.800 | 3679733.156 | 969.663 | EC2 |
| P8 | 42524.219 | 3679738.553 | 966.856 | CC2 |

NOTES:

- THIS DRAWING IS BASED ON THE LO-21 WGS84 COORDINATE SYSTEM.
- ALL SETTING OUT DATA MUST BE CONFIRMED WITH THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER FOR VERIFICATION.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SANS 1200.
- ALL WORK SHALL BE TESTED AS PER THE REQUIREMENTS OF SANS 1200 OR AS PER THE APPROVED OMS.
- THE CONTRACTOR IS TO REMAIN CLEAR OF - AND NO WORK TO BE DONE WITHIN - ENVIRONMENTALLY SENSITIVE AREAS WITHOUT PRIOR CONSENT FROM THE ECO.
- TOPSOIL STRIPPING TO BE DONE TO A MINIMUM DEPTH OF 150mm AND ALL ORGANIC MATERIAL TO BE REMOVED. TOPSOIL IS TO BE BLADED INTO WINROWS ON EITHER SIDE OUTSIDE OF THE CONSTRUCTION AREA.
- ALL EXISTING STORMWATER AND ROAD INFRASTRUCTURE TO BE PRESERVED AND MAINTAINED DURING CONSTRUCTION.

LEGEND

- STORMWATER CROSSING - TYPE 1
- STORMWATER CROSSING - TYPE 2
- DRIFT
- ROAD SIDE DRAIN
- MITRE DRAIN
- CUT-OFF DRAIN
- GUARDRAIL
- EXISTING FENCELINE
- DESIGN CONTOURS (0.5m INTERVAL)
- PROPOSED FENCELINE
- NEW GATE
- PROPERTY BOUNDARY



KEY PLAN
SCALE 1:50 000

| | | |
|-----|------------|-------------|
| C | 2025-02-11 | FOR TENDER |
| B | 2024-12-11 | FOR TENDER |
| A | 2024-11-11 | FOR TENDER |
| REV | DATE | DESCRIPTION |

EKCON
Consulting Engineers

UITZICHT BUILDING, TYGERBERG OFFICE PARK,
163 UYS KRIGE DRIVE, PLATTEKLOOF, CAPE TOWN, 7500
EMAIL: EKCON@EKCON.CO.ZA
TEL: 021 530 9380

CLIENT

**SOUTH AFRICAN NATIONAL
SPACE AGENCY**

PROJECT TITLE

SANSA MATJIESFONTEIN

DRAWING TITLE

**ROAD LAYOUT & LONGITUDINAL
SECTIONS: ROAD E
(SHEET 1 of 1)
SV 0 - SV 43**

| SCALE | SIZE | APPROVED |
|--------------|------|-----------------------------|
| 1:1000 | A0 | SHR BUCKLE |
| DESIGNED | | |
| S. RAMNCWANA | | ECISA PR ENG 20240306 |
| CHECKED | | |
| R. BUCKLE | | |

DRAWING STATUS

FOR TENDER

DRAWING NUMBER

P3589-C-LL-006

REV

C