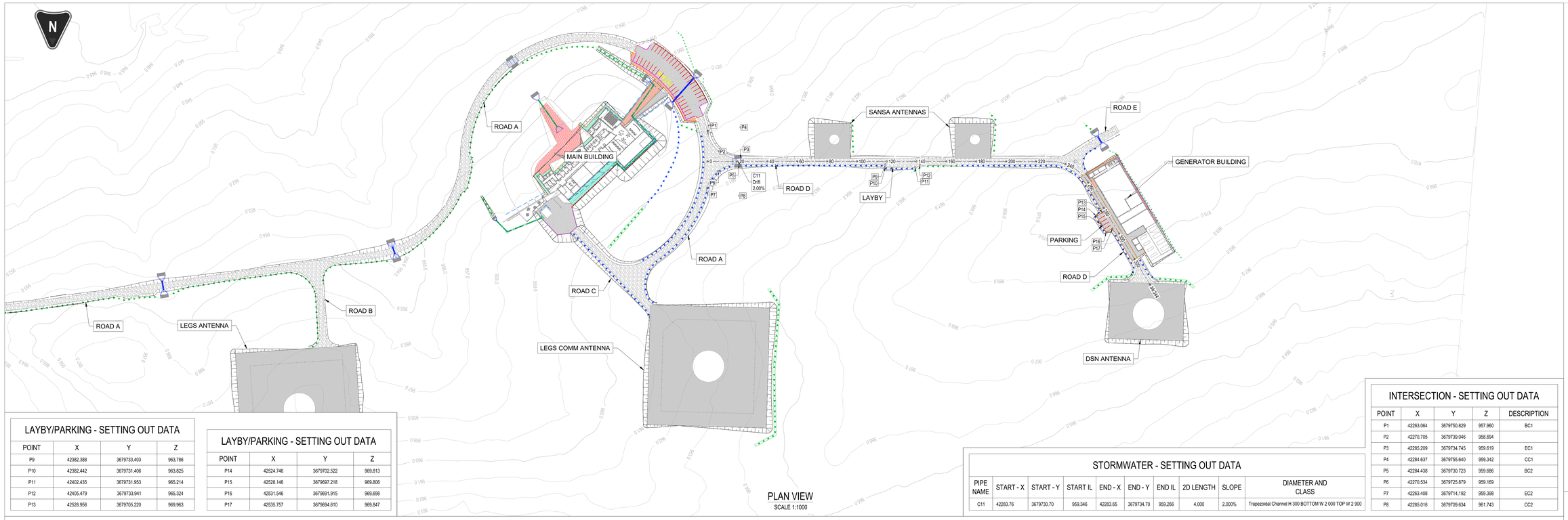



PLAN VIEW
SCALE 1:1000

## LAYBY/PARKING - SETTING OUT DATA

| POINT | X | Y | Z |
|---|---|---|---|
| P9 | 42382.388 | 3679733.403 | 963.786 |
| P10 | 42382.442 | 3679731.406 | 963.825 |
| P11 | 42402.435 | 3679731.953 | 965.214 |
| P12 | 42405.479 | 3679733.941 | 965.324 |
| P13 | 42528.956 | 3679705.220 | 969.963 |

## LAYBY/PARKING - SETTING OUT DATA

| POINT | X | Y | Z |
|---|---|---|---|
| P14 | 42524.746 | 3679702.522 | 969.813 |
| P15 | 42528.146 | 3679697.218 | 969.806 |
| P16 | 42531.546 | 3679691.915 | 969.698 |
| P17 | 42535.757 | 3679694.610 | 969.847 |

## STORMWATER - SETTING OUT DATA

| PIPE NAME | START - X | START - Y | START IL | END - X | END - Y | END IL | 2D LENGTH | SLOPE | DIAMETER AND CLASS |
|---|---|---|---|---|---|---|---|---|---|
| C11 | 42283.76 | 3679730.70 | 959.346 | 42283.65 | 3679734.70 | 959.266 | 4.000 | 2.000% | Trapezoidal Channel H 300 BOTTOM W 2 000 TOP W 2 900 |

## INTERSECTION - SETTING OUT DATA

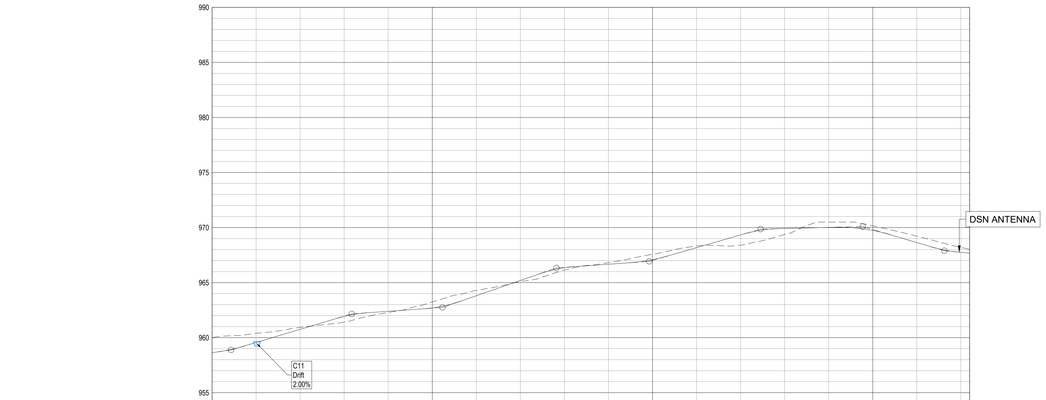
| POINT | X | Y | Z | DESCRIPTION |
|---|---|---|---|---|
| P1 | 42263.064 | 3679750.829 | 957.960 | BC1 |
| P2 | 42270.705 | 3679739.046 | 958.694 | |
| P3 | 42285.209 | 3679734.745 | 959.619 | EC1 |
| P4 | 42284.637 | 3679755.640 | 959.342 | CC1 |
| P5 | 42284.438 | 3679730.723 | 959.686 | BC2 |
| P6 | 42270.534 | 3679725.879 | 959.169 | |
| P7 | 42263.408 | 3679714.192 | 959.398 | EC2 |
| P8 | 42285.016 | 3679709.634 | 961.743 | CC2 |

NOTES:

1. THIS DRAWING IS BASED ON THE LO-21 WGS84 COORDINATE SYSTEM.
2. 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.
3. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SANS 1200.
4. ALL WORK SHALL BE TESTED AS PER THE REQUIREMENTS OF SANS 1200 OR AS PER THE APPROVED QMS.
5. THE CONTRACTOR IS TO REMAIN CLEAR OF - AND NO WORK TO BE DONE WITHIN - ENVIRONMENTALLY SENSITIVE AREAS WITHOUT PRIOR CONSENT FROM THE ECO.
6. TOPSOIL STRIPPING TO BE DONE TO A MINIMUM DEPTH OF 150mm AND ALL ORGANIC MATERIAL TO BE REMOVED. TOPSOIL IS TO BE BLADED INTO WINDROWS ON EITHER SIDE OUTSIDE OF THE CONSTRUCTION AREA.
7. ALL EXISTING STORMWATER AND ROAD INFRASTRUCTURE TO BE PRESERVED AND MAINTAINED DURING CONSTRUCTION.

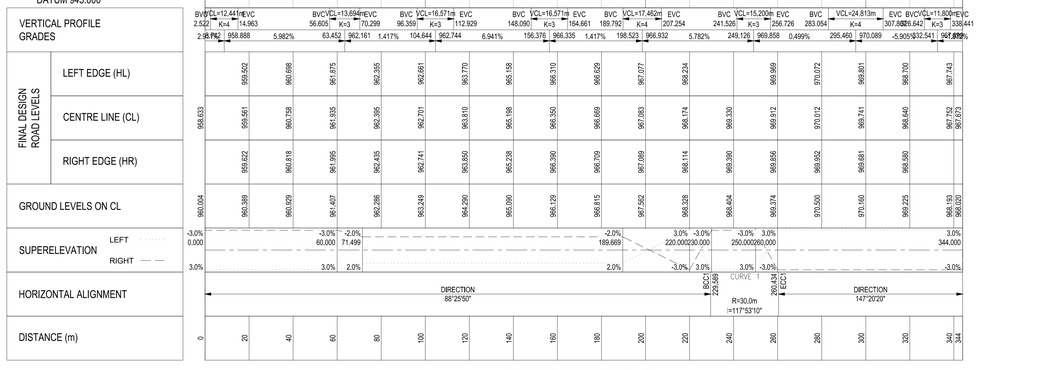
## LEGEND

- 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




SCALES:
Horizontal 1:1000
Vertical 1:200

DATUM 945.000




LONGITUDINAL SECTION - ROAD D
SV 0.000 TO SV 344.000

KEY PLAN
SCALE 1:50 000

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

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CLIENT
**SOUTH AFRICAN NATIONAL SPACE AGENCY**

PROJECT TITLE
**SANSA MATJIESFONTEIN**

DRAWING TITLE
**ROAD LAYOUT & LONGITUDINAL SECTIONS: ROAD D (SHEET 1 of 1) SV 0 - SV 344**

| SCALE | SIZE | APPROVED |
|---|---|---|
| 1:1000 | A0 | SHR BUCKLE |

DESIGNED: S. RAMNCWANA
CHECKED: R. BUCKLE
ECSA PR ENG 202402865

DRAWING STATUS
**FOR TENDER**

DRAWING NUMBER: **P3589-C-LL-005**
REV: **C**

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