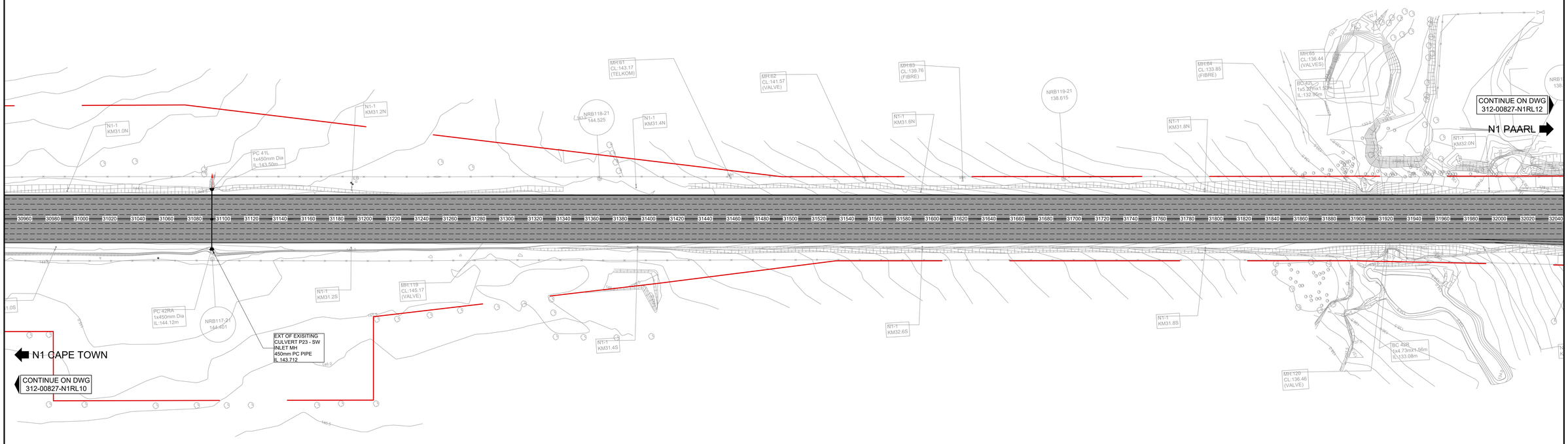



## GENERAL LEGEND

- ROAD RESERVE
- MAIN CARRIAGEWAY WIDENING
- MAIN CARRAIGEWAY REHAB
- INTERCHANGE EXISTING
- INTERCHANGE REHAB
- INTERCHANGE UPGRADE
- NEW SIDEWALKS
- NEW RETAINING WALLS
- ROUNDABOUT BUFFER
- GABIONS
- MEDIAN HATCH
- NRB ### ###.### — NATIONAL ROAD SURVEY BEACON

## DRAINAGE LEGEND

- 45/1 — DRAINAGE ITEM REFERENCE
- NEW STORMWATER PIPE
- CULVERT INLET / OUTLET
- GRID INLET
- SIDE INLET WITH DOWN CHUTE AND ENERGY DISSIPATOR
- BERM INLET WITH DOWN CHUTE AND GRID CHAMBER
- CATCHWATER BERM
- MANHOLE
- KERB INLET
- JUNCTION BOX
- STORMWATER OPEN DRAIN
- CONCRETE MEDIAN DRAIN
- CONCRETE LINED DRAIN
- STONE PITCHED DRAIN
- GRASS SODDED DRAIN
- F-TYPE SIDE DRAIN OUTLET
- EARTH SHALLOW DRAIN
- DAYLIGHT DRAIN
- FIELD INLET

| No. | DATE | REVISION |
|---|---|---|
| V1 | 08/03/2024 | ORIGINAL VERSION |


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SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg.No.1998/000308/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

**WESTERN REGION**
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ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for the SA NATIONAL ROADS AGENCY SOC LTD.

Date:

**PROJECT DESCRIPTION**

**THE CAPACITY IMPROVEMENT OF NATIONAL ROUTE 1 SECTION 1 FROM OLD OAK INTERCHANGE (KM 18.90) TO KOELENHOF INTERCHANGE (KM 33.00)**

**DRAINAGE LAYOUT PLAN**
**- MAIN CARRIAGEWAY -**
**km 31.000 - km 32.000**

SCALE @ A0: 1 : 1000 | SHEET 13 OF 15

| | | |
|---|---|---|
| PROJECT NUMBER | N001-010-2021/1 | |
| DRAWING LOCATION DATA | START | END |
| ROUTE | N01 | N01 |
| SECTION | 01 | 01 |
| DRAWING km DISTANCE | | |
| DRAWING TYPE | ROADS - LAYOUT PLAN | |
| BRIDGE/STRUCTURE No. | N/A | |
| CONSULTANT DRAWING No. | 312-00827-01-N1RL13 | VER |
| SANRAL DOCUMENT # | XXXXXX | V1 |

312-00827-01-N1DL-13