RAMP A
RAMP B-1
RAMP B-2
RAMP D-1
RAMP D-2
WEIGH BRIDGE
EXT OF EXISITING CULVERT SW 600mm PC PIPE
EXT OF EXISITING BOX CULVERT SW 1x3.03mx1.26 BC
EXT OF EXISITING CULVERT SW 2x1500mm PC PIPE
EXT OF EXISITING BOX CULVERT SW 1x3.05mx1.52m PC
NEW CATCH PIT 600mm PC PIPE
Clearence Height: 7.705m No of Conductors:3
Clearence Height: 8.82 m No of Conductors:3
CONTINUE ON DWG 312-00827-N1RL13
N1 PAARL
N1 CAPE TOWN
CONTINUE ON DWG 312-00827-N1RL12

## 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 |


**HEAD OFFICE**
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

**WESTERN REGION**
1 Havenga Street
Oakdale
Bellville
7530

Private Bag X19
Bellville
7535

Tel: (021) 957 4600


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 32.000 - km 33.000

SCALE @ A0: 1 : 1000 | SHEET 14 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-N1RL14 | VER |
| SANRAL DOCUMENT # | XXXXXX | V1 |

312-00827-01-N1DL-14