N1 PAARL

N1 CAPE TOWN

CONTINUE ON DWG 312-00827-N1RL02

NEW CULVERT P5 - SW INLET MH 600mm PC PIPE IL 97.681

EXT OF EXISITING CULVERT P6 - SW INLET MH 600mm PC PIPE IL 103.404

NEW CATCH PIT 600mm PC PIPE

SWCP-03 3750mm PIPE CL 96.18m IL 95.30m

SWCP-04 3750mm PIPE CL 96.60m IL 95.60m

SW OULET-01 3750mm PIPE IL 95.30m

WESTERN BOUNDARY PIPELINE SERV

CL STORMWATER SERV 3m WIDE

SERV 3m WIDE

SERV 4.5m WIDE

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
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BUILDING SOUTH AFRICA THROUGH BETTER ROADS

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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 21.000 - km 22.000

SCALE @ A0: 1 : 1000 | SHEET 03 OF 13

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-N1RL03 VER
SANRAL DOCUMENT #	XXXXXX V1

312-00827-01-N1DL-03