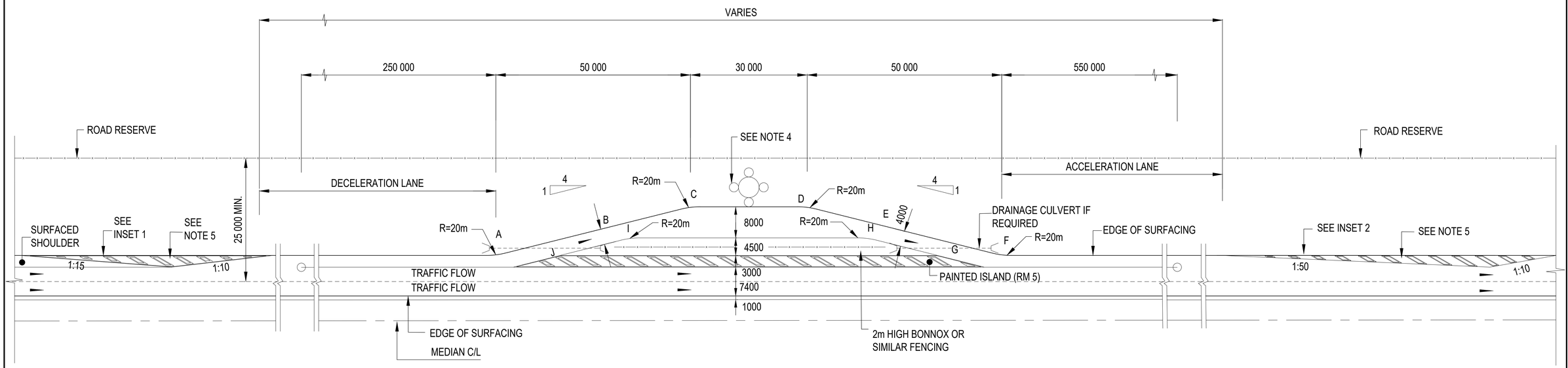
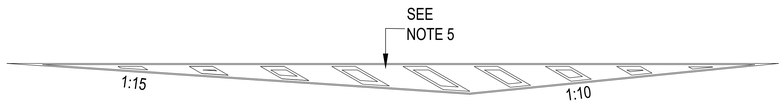


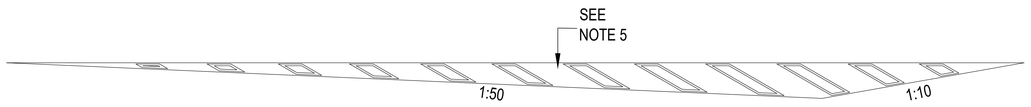
PLAN

N.T.S.



INSET 1-PAINTED ISLAND (RM 5)

N.T.S.



INSET 2-PAINTED ISLAND (RM 5)

N.T.S.

NOTES:

1. THE REST AREA SHALL BE PLACED IN SUCH A POSITION THAT THE GRADIENT OVER THE TOTAL LENGTH OF THE EXIT, REST POINT AND ENTRANCE DOES NOT EXCEED ±3%. REFER TO DECELERATION- AND ACCELERATION LENGTHS FOR ALLOWANCE FOR GRADIENT.
2. AREAS A, B, I, J, A AND E, F, G, H, E SHALL BE PAVED AND PAVEMENT LAYERS SHALL CORRESPOND WITH THOSE OF THE ROAD. AREAS B, C, D, E, H, I, B MAY BE LEFT UNPAVED UNLESS OTHERWISE DECIDED BY SANRAL.
3. AREA G, H, I, J, G SHALL BE SHAPED SO THAT ALL SURFACE WATER CAN BE COLLECTED AND DRAINED.
4. REST AREAS SHALL BE PROVIDED WITH THE NECESSARY PERMANENT TABLE AND STOOL COMBINATIONS, AS WELL AS REFUSE CONTAINERS.
5. FOR DETAILS OF ROAD MARKINGS AND ROAD SIGNS REFER TO THE "SADC" ROAD TRAFFIC SIGNS MANUAL.
6. CROSS-SECTION WIDTHS AS PER SANRAL APPROVED WIDTHS.

DECELERATION LANE

LENGTH OF DECELERATION LANE:

250m AND +10m FOR EVERY 1% DECLINE

AND - 10m FOR EVERY 1% INCLINE

NOTE:

DECELERATE FROM 120 km/h TO 30 km/h

ACCELERATION LANE

LENGTH OF ACCELERATION LANE: 550m AND -15m

FOR EVERY 1% DECLINE AND 30m FOR

FOR EVERY 1% INCLINE

NOTE:

ACCELERATE FROM 20 km/h TO 120 km/h

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

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

WESTERN REGION
1 Havenga Street
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Bellville
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Bellville
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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)

MISCELLANEOUS
GEOMETRIC LAYOUT OF REST POINTS ALONG FREEWAYS

SCALE @ A0: AS SHOWN | SHEET 1 OF 1

PROJECT NUMBER	N001-010-2021/1	
DRAWING LOCATION DATA	START	END
ROUTE	N01	N01
SECTION	01	01
DRAWING km DISTANCE	18.900	33.000
DRAWING TYPE	ROADS - MISCELLANEOUS	
BRIDGE/STRUCTURE No.	N/A	
CONSULTANT DRAWING No.	312-00827-01-TD42	VER
SANRAL DOCUMENT #	XXXXXX	V1

312-00827-01-TD42