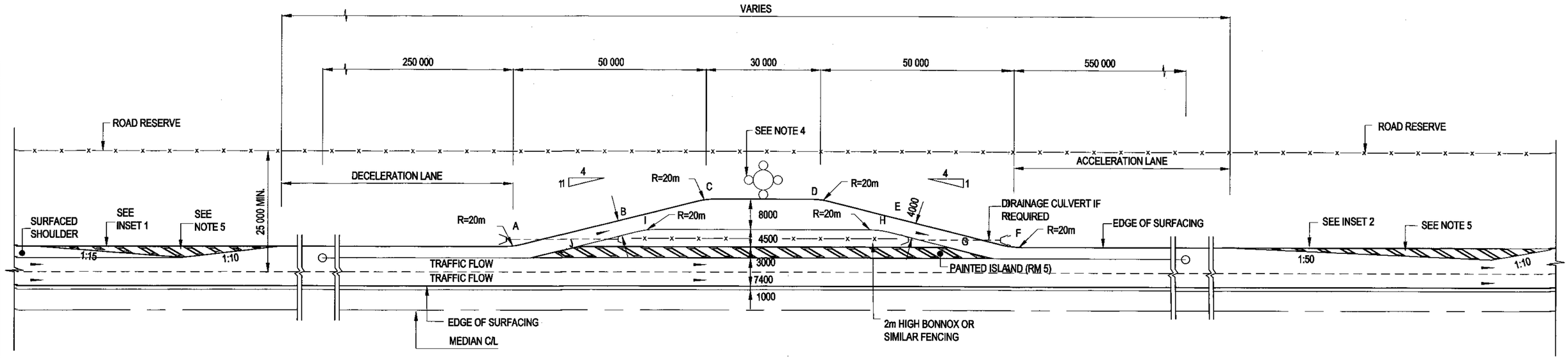


PLAN

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

FOR LATEST VERSION CHECK www.nra.co.za

No.	DATE	VERSION / REVISION	APPROVED
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

COPYRIGHT: THIS DRAWING IS PROTECTED IN TERMS OF THE COPYRIGHT ACT No. 98 OF 1978 AND MAY NOT BE REPRODUCED WITHOUT PERMISSIONN IN WRITING FROM SANRAL.
CONDITIONS FOR USE: CONSULTANTS APPOINTED BY SANRAL SHALL INCORPORATE THE TYPICAL DETAILS HEREON INTO THEIR SPECIFIC DESIGN FOR WHICH THEY WILL ASSUME FULL PROFESSIONAL RESPONSIBILITY. THIS TYPICAL DRAWING MAY NOT BE USED FOR TENDER PURPOSES.

THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg. No.1998/009884/30

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

APPROVED

DATE: 2015/06/26

TYPICAL DRAWINGS - ROADWORKS

MISCELLANEOUS
GEOMETRIC LAYOUT OF REST POINTS ALONG FREEWAYS

SANRAL DOC. No. (PDF): 1693817

SANRAL DOC. No. (DWG): 1796071

SANRAL DRAWING No.: TD-R-MS-1200-V1