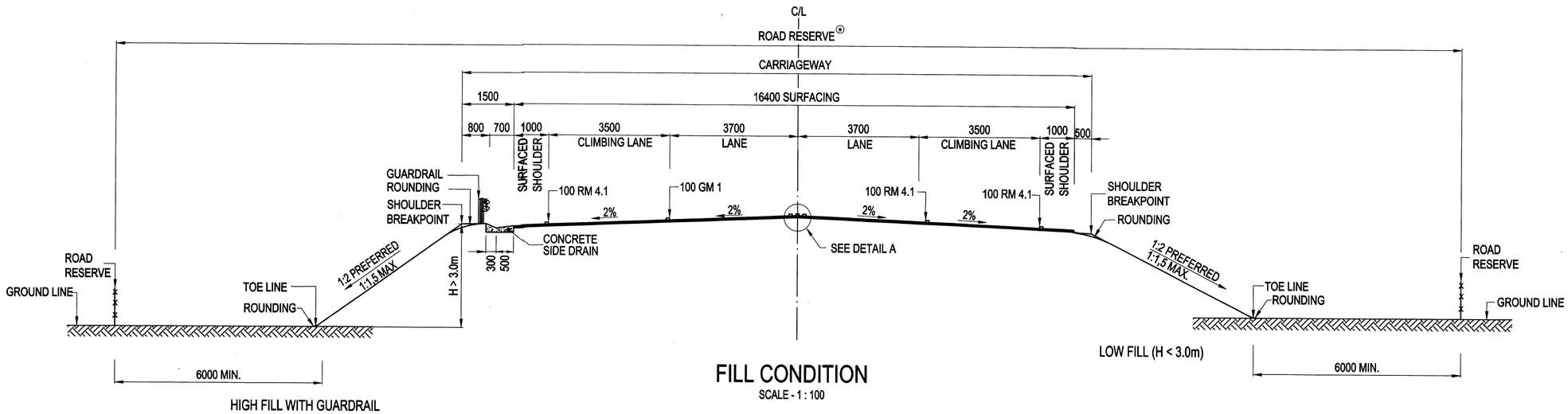
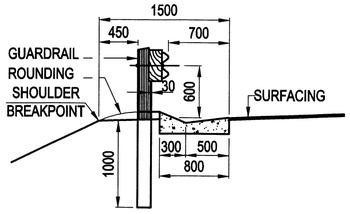
TYPICAL CROSS SECTIONS
SINGLE CARRIAGEWAY
WITH CLIMBING - PASSING LANES

ⓡ ROAD RESERVE DIRECTIVE (SINGLE CARRIAGEWAY)
- 30m MINIMUM (EXISTING ROADS WITH UPGRADES TO ACCOMMODATE A 20 YEAR DESIGN PERIOD).
- 50m MINIMUM (ROADS CARRYING > 8000 vpd AT THE END OF THE 30 YEAR DESIGN PERIOD).

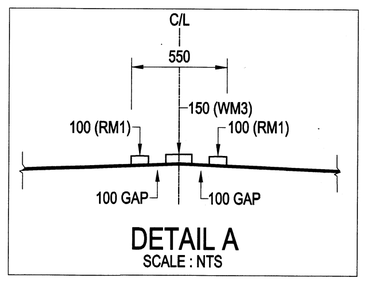


FILL CONDITION
SCALE - 1 : 100

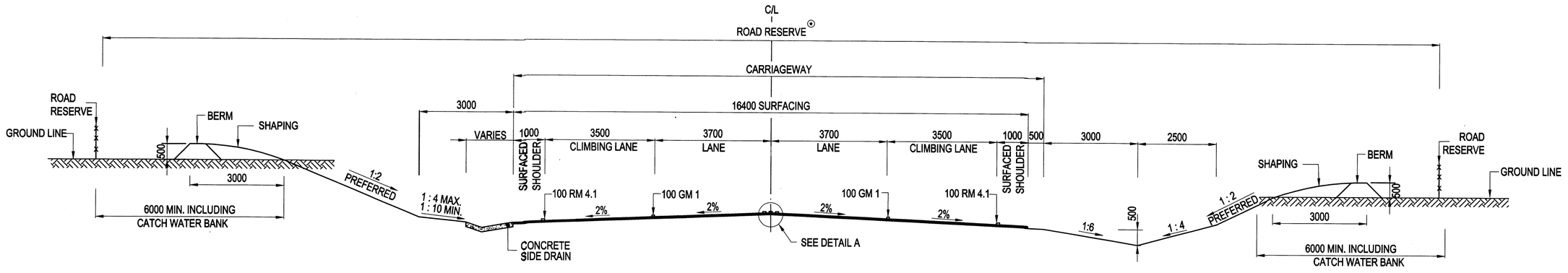


POSITION OF TYPE 'A' CONCRETE SIDE DRAIN
SCALE - 1 : 50

ROAD MARKING LEGEND
RM1 : NO OVERTAKING LINE
RM4.1 : YELLOW LEFT EDGE LINE
WM3 : DIVIDING LINE
GM1 : LANE LINE



DETAIL A
SCALE : NTS



DEEP CUT

CUT CONDITION
SCALE - 1 : 100

SHALLOW CUT

FOR LATEST VERSION CHECK www.nra.co.za

No.	DATE	VERSION / REVISION	APPROVED
V2	FEB 2016	LANE WIDTHS AND ROAD RESERVE DIRECTIVE AMENDED	
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg. No.1998/009584/30

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

APPROVED

DATE: 2016/02/26

TYPICAL DRAWINGS - ROADWORKS

TYPICAL CROSS-SECTIONS SINGLE CARRIAGEWAY WITH CLIMBING - PASSING LANES

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