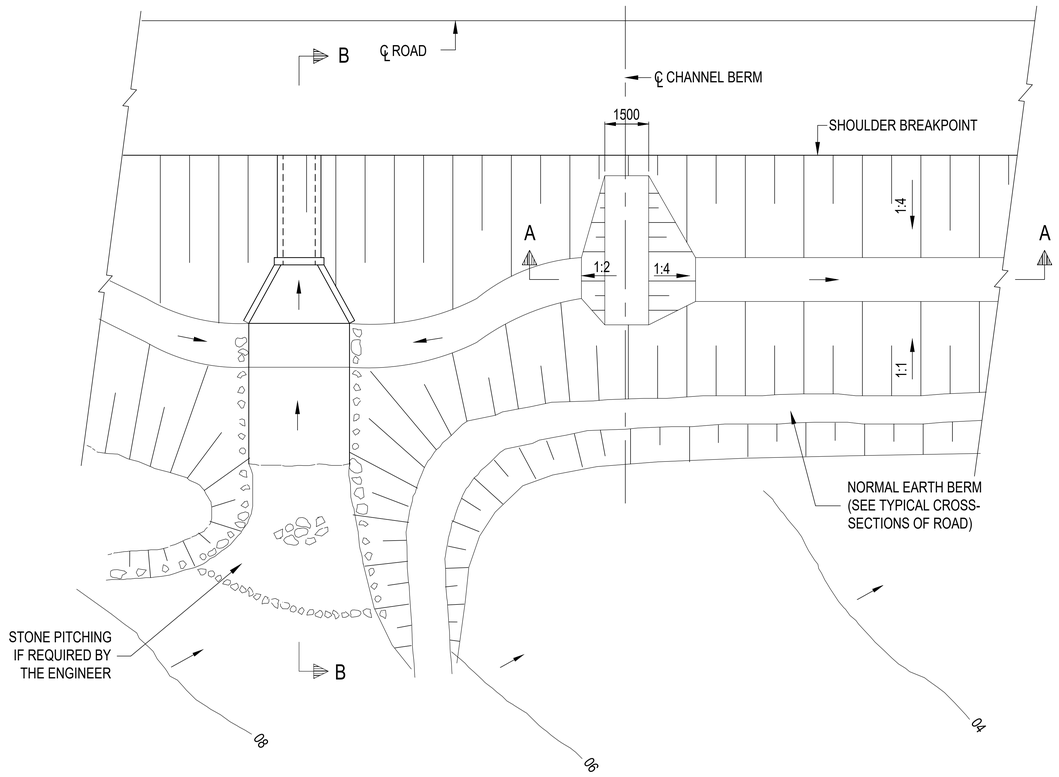
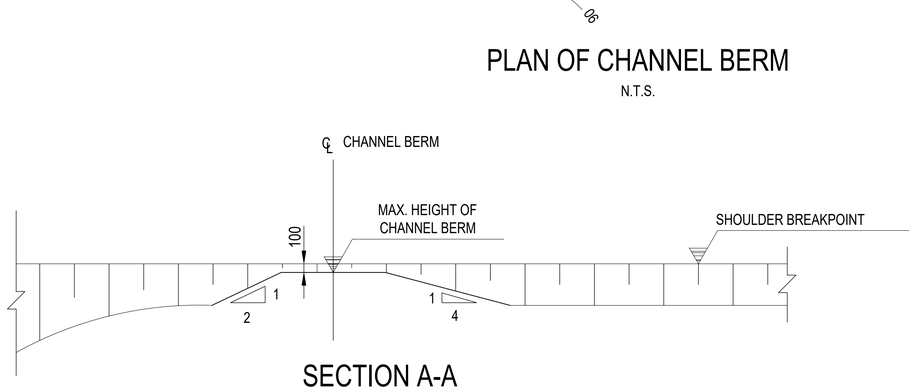


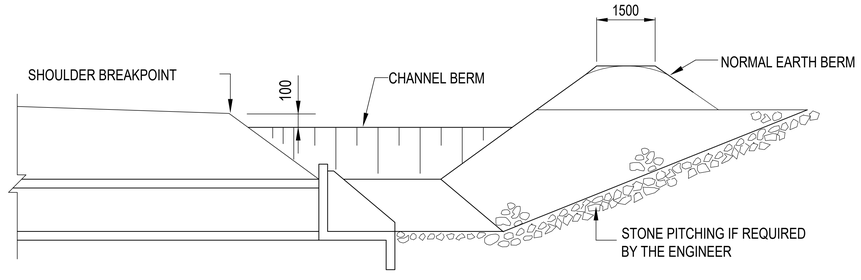
PLAN OF CHANNEL BERM

N.T.S.



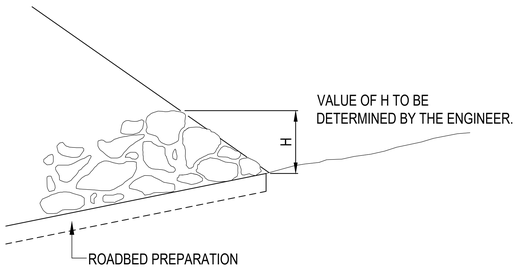
SECTION A-A

N.T.S.



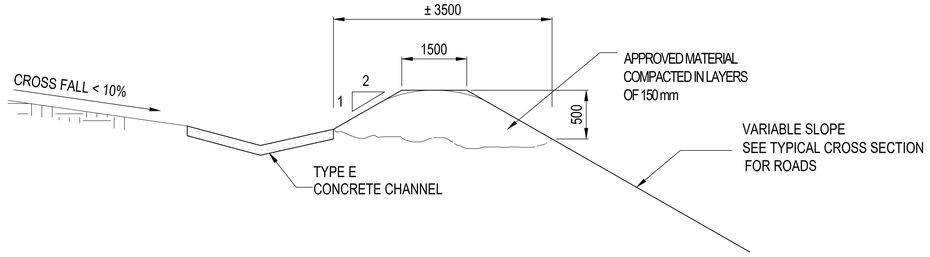
SECTION B-B

N.T.S.



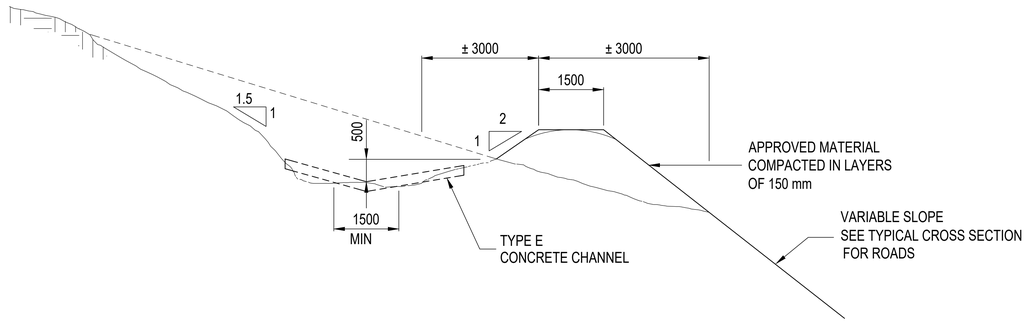
ROCK TOE

N.T.S.



TYPE 1 BERM
CUTTING IN SOFT MATERIAL WITH FLAT CROSS FALL

N.T.S.

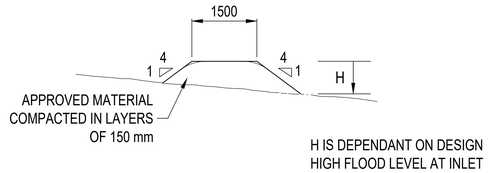


TYPE 2 BERM
CUTTING IN SOFT MATERIAL WITH STEEP CROSS FALL

N.T.S.

TYPE 3
CUTTING IN ROCK MATERIAL

N.T.S.



TYPE 4 BERM
EARTH BERM AT CULVERT INLET AND OUTLET

N.T.S.

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
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)

ROAD RESERVE FINISHING
SHEET 2 OF 2

SCALE @ A0: AS SHOWN | SHEET 2 OF 2

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	DRAINAGE - ROAD RESERVE FINISHING	
BRIDGE/STRUCTURE No.	N/A	
CONSULTANT DRAWING No.	312-00827-01-TD81	VER
SANRAL DOCUMENT #	XXXXXX	V1

312-00827-01-TD81