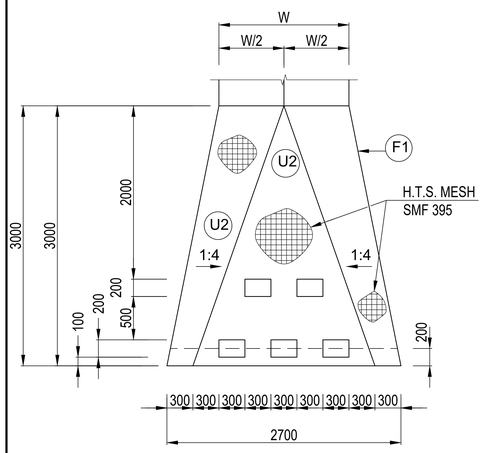
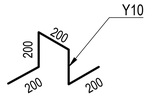


PLAN

SCALE 1:25

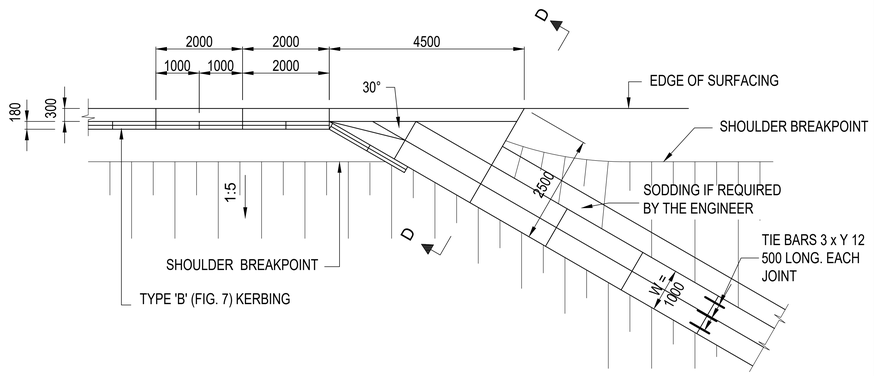


DETAIL OF STOOL

N.T.S.

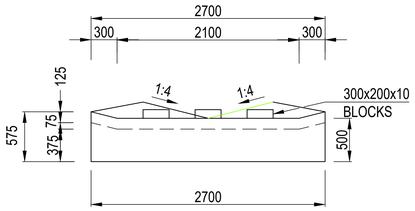
TRANSITION AND DOWN CHUTE FOR TYPE 'A' CONCRETE SIDE DRAIN

SCALE 1:50



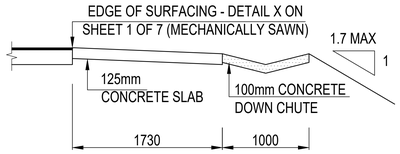
TRANSITION AND DOWN CHUTE FOR TYPE 'B' CONCRETE KERBING

SCALE 1:50



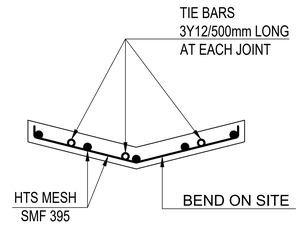
ELEVATION

SCALE 1:25



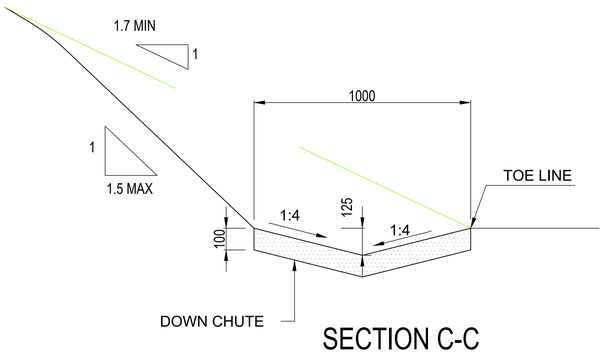
SECTION B-B

SCALE 1:25



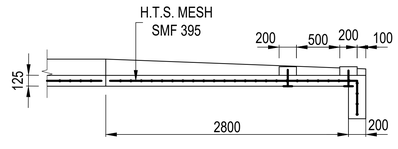
SECTION C-C

SCALE 1:10



SECTION C-C

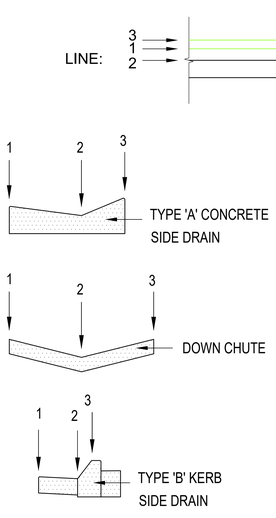
SCALE 1:10



SIDE ELEVATION

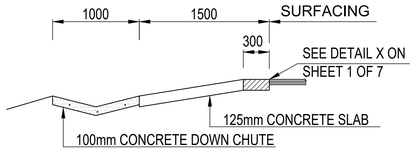
SCALE 1:25

ENERGY BREAKER FOR HIGH FLOW VELOCITIES



SECTION A-A

SCALE N.T.S.



SECTION D-D

SCALE 1:25

NOTES :

1. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON SHEET 1 OF 7 (TR-D-RD-001)
2. DETAILS OF EXPANSION JOINTS IN CONCRETE DRAINS AND FINISHING OF SURFACING EDGE NEXT TO CONCRETE DRAINS SHOWN AS "DETAIL X" ON SHEET 1 OF 7 (TR-D-RD-001)APPLY TO ALL RELATED TYPICAL DRAWINGS.

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

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SANRAL
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BUILDING SOUTH AFRICA THROUGH BETTER ROADS

WESTERN REGION
1 Havenga Street
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Private Bag X19
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)

ROAD SURFACE DRAINAGE
DOWN CHUTE DETAIL FOR TYPE 'A' SIDE DRAINS
AND TYPE 'B' KERBS SHEET 2 OF 7

SCALE @ A0: AS SHOWN | SHEET 2 OF 7

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 - SURFACE DRAINAGE	
BRIDGE/STRUCTURE No.	N/A	
CONSULTANT DRAWING No.	312-00827-01-TD50	VER
SANRAL DOCUMENT #	XXXXXX	V1

312-00827-01-TD50