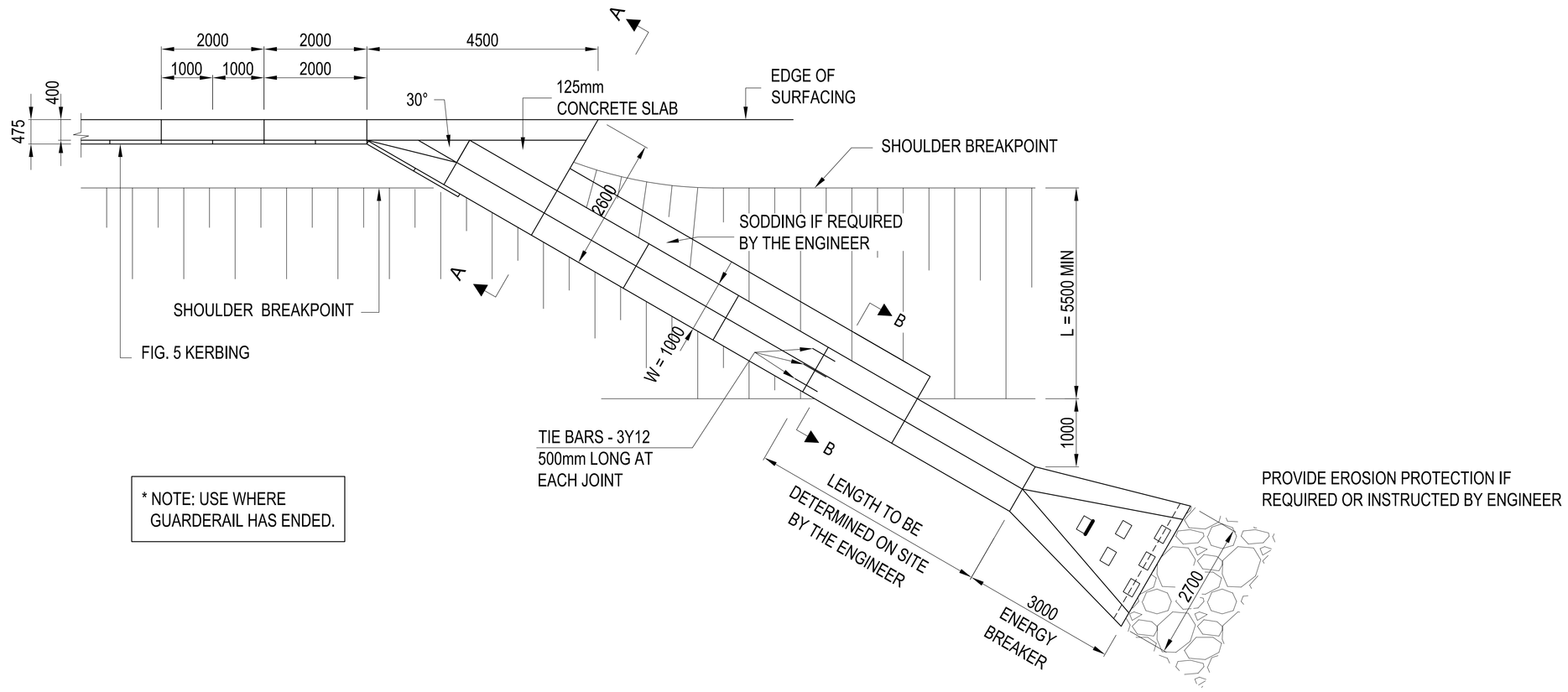
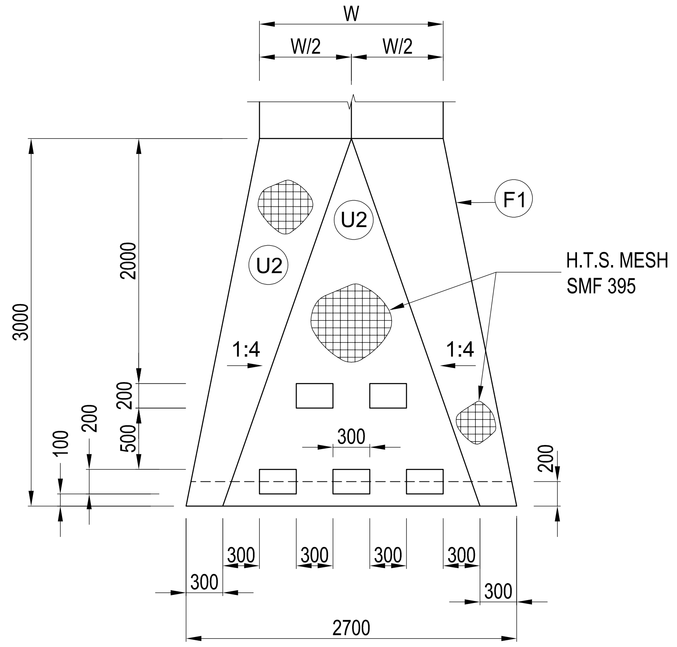
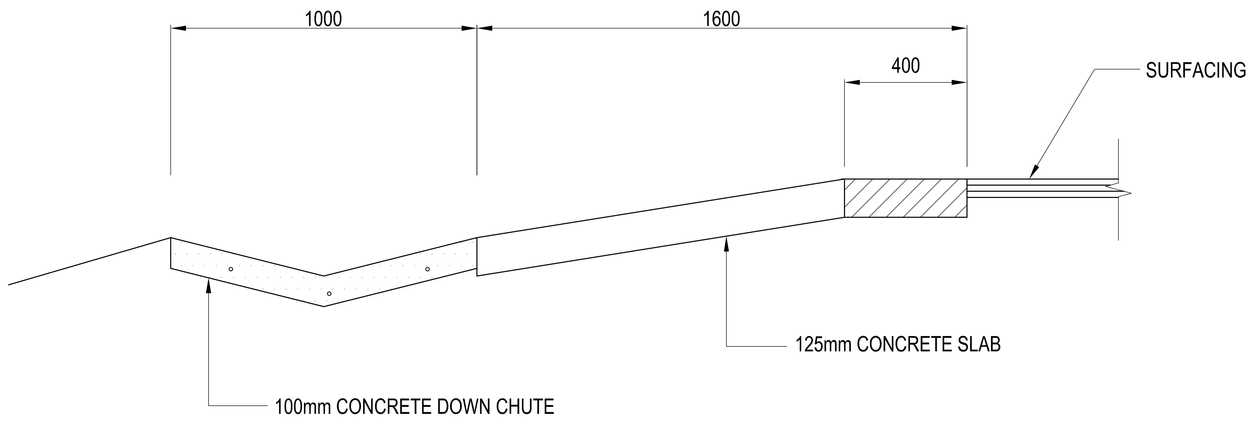


PLAN OF TRANSITION AND DOWN CHUTE FOR KERB (FIG. 5) AND CHANNEL SIDE DRAIN
SCALE 1:50



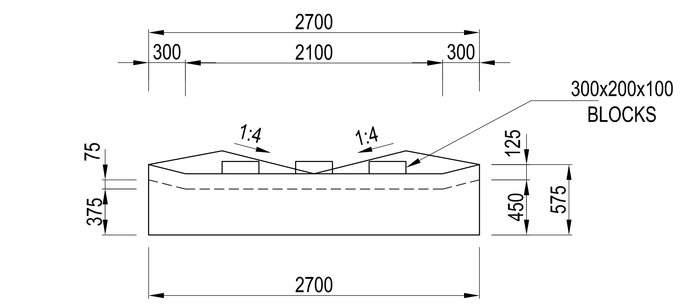
PLAN OF ENERGY BREAKER
SCALE 1:25



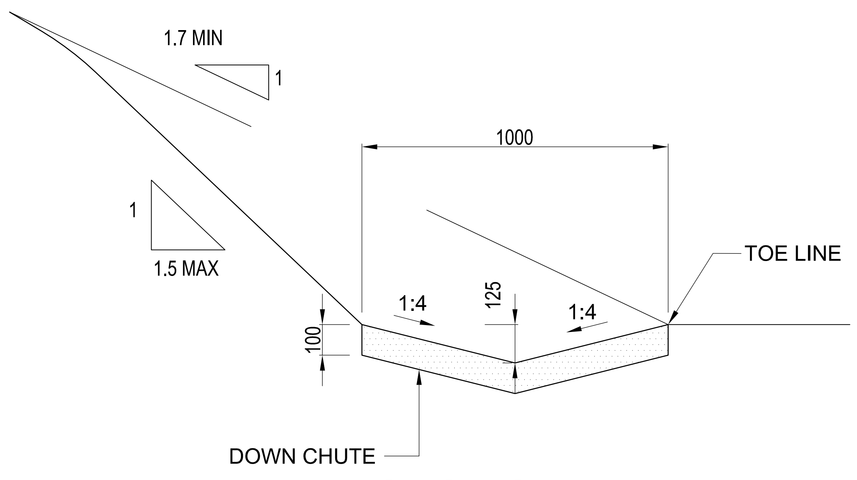
SECTION A-A
SCALE 1:10

NOTES:

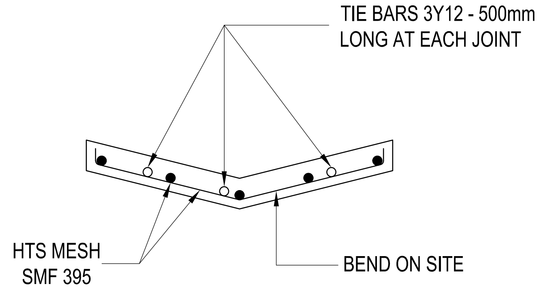
1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES TO BE CAST USING CLASS C24/30-20 CONCRETE
2. ALL CONCRETE CHANNELS MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.0m MAXIMUM WITH EXPANSION JOINTS EVERY 5tH PANEL (10m).
3. ALL EXPOSED CORNERS MUST BE ROUNDED OFF TO A MINIMUM OF 10mm OR BE CHAMFERED 25mm x 25mm.
4. TYPE OF SURFACE FINISH IS INDICATED AS F1 AND U2:
   F - FORMED SURFACES
   U - UNFORMED SURFACES
5. MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT IS 50mm.



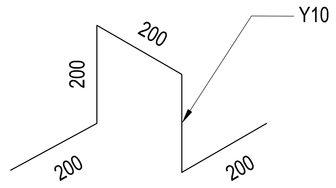
ELEVATION OF ENERGY BREAKER
SCALE 1:25



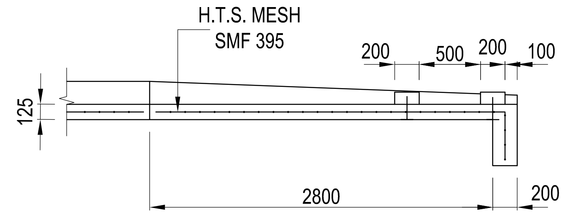
SECTION B-B
SCALE 1:10



SECTION B-B
REINFORCEMENT
SCALE 1:10



DETAIL OF STOOL
(2 PER BLOCK)
N.T.S



SIDE ELEVATION OF ENERGY BREAKER
SCALE 1:25

No.	DATE	REVISION	CONSULT. ENG.
V1	21/06/2023	ORIGINAL VERSION	-

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name :
Prof. Reg. No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

DESIGNED BY
NAME -
Prof. Reg. No. -
CHECKED BY
NAME -
Prof. Reg. No. -
DRAWN BY
NAME -

CONSULTANT APPROVAL
Name : -
Prof. Reg. No. : -
Date : -

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Val de Grace
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0184

PO Box 415
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South Africa

Tel: (012) 844 8000

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg.No. 1998/009884/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

NORTHERN REGION
38 Ida Street
Menlo Park
Pretoria
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Private Bag X17
Lynnwood Ridge
0040

Tel: (012) 426 6200

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
MSBBR : R531 SECTION 2 - EMERGENCY REPAIR OF DAMAGED STEEL RIBBED PIPE CULVERT AT km 6.9 AND SINKHOLE AT km 11.4

DRAWING DESCRIPTION
DOWN CHUTE DETAIL FOR KERB (Fig. 5) AND CHANNEL SIDE DRAIN

SCALE : AS SHOWN (A0 SHEET) SHEET 1 OF 1

PROJECT NUMBER	R.531-020-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	R531	R531
SECTION	2	2
DRAWING km DISTANCE	km 6.90	km 11.40
DRAWING TYPE	ROADS - DRAINAGE	
BRIDGE/STRUCTURE No.	-	
CONSULTANT DRAWING No.	TP1916.32-H03	VER V1
SANRAL DOCUMENT #	-	

DRAWING TP1916.32-H03