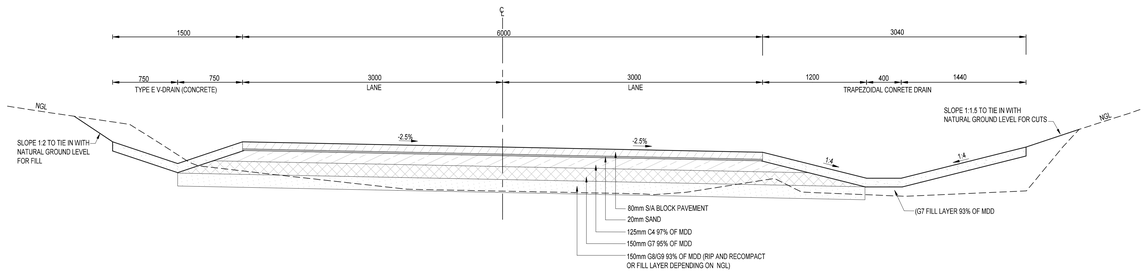
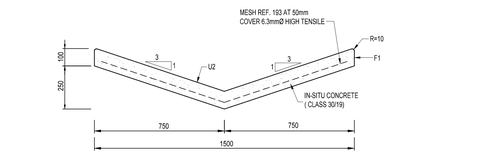


FIGURE 10 BARRIER KERB
NTS

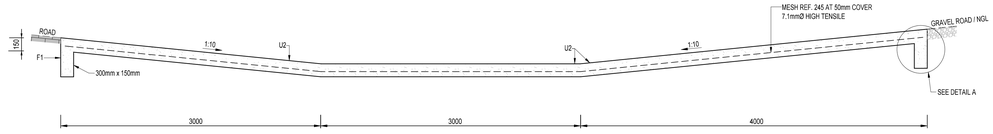
NOTES :
1. FINAL CUT AND FILL SLOPES TO BE VERIFIED ON SITE BY ENGINEER.
2. FINISHINGS:
   TYPICAL CUT: 1:1.5
   TYPICAL FILL: 1:10 TO 1:2
3. BENCHING PAVEMENT LAYERS: 1:2



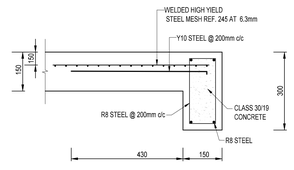
BLOCK PAVEMENT TYPICAL STRUCTURE



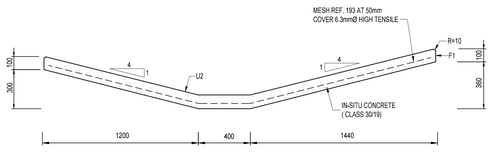
CONCRETE V-DRAIN
NTS



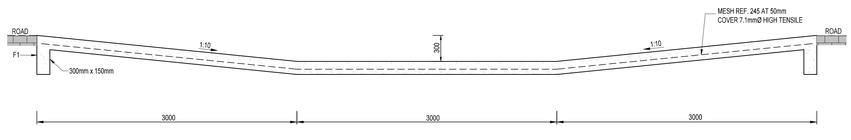
DRIFT TYPE 1
NTS



DETAIL A
NTS



TRAPEZOIDAL CONRETE DRAIN
NTS



DRIFT TYPE 2
NTS

NOTES :
1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES ON THIS PLAN TO BE CAST USING CLASS 30/19 CONCRETE.
2. TYPES 'E' AND 'F' CONCRETE MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.0m MAXIMUM WITH EXPANSION JOINTS EVERY 5th PANEL (10 m)
3. ALL EXPOSED CORNERS MUST BE ROUNDED OF TO A MINIMUM RADIUS OF 10mm.
4. THE TYPE OF SURFACE FINISH IS INDICATED AS F1 AND U2.
   F - FORMED SURFACES
   U - UNFORMED SURFACES
5. MESH REF. 193 AT 50mm COVER FOR SIDE DRAINS 6.3mmØ HIGH TENSILE.
6. MESH REF. 245 AT 50mm COVER FOR DRIFTS 7.1mmØ HIGH TENSILE.

No.	DATE	REVISION	CONSULT. ENG.
V1		ORIGINAL VERSION	

CONSULTANT

TECHNICAL EXCELLENCE ACADEMY (TEA)

DESIGNED BY	
NAME	N Ndinisa
Prof. Reg. No.	
CHECKED BY	
NAME	A Juba
Prof. Reg. No.	
DRAWN BY	
NAME	J Shaw

CONSULTANT APPROVAL

Name : A Van Gruting
Prof. Reg. No. :
Date :

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SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

SOUTHERN REGION
20 Shoreward Drive
Bay West
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6025

P O Box 24210
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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:

COMMUNITY AND SMALL CONTRACTOR TRAINING AND DEVELOPMENT ON MADIDI SERVICE ROADS

TYPICAL CROSS SECTIONS

SCALE: NTS | **SHEET 1 OF 1**

PROJECT NUMBER	S.002-003-2018/1	
DRAWING LOCATION DATA	START	END
ROUTE	MADIDI	MADIDI
SECTION		
DRAWING m DISTANCE	CHAINAGE -8	CHAINAGE 385
DRAWING TYPE		
BRIDGE/STRUCTURE No.		
CONSULTANT DRAWING No.	S.002-003-2018/1-006	VER
SANRAL DOCUMENT #	21976293	