



MIN LENGTH OF GUARDRAIL REQUIRED (EXCLUDING TERMINAL SECTIONS)	
DESIGN SPEED km/h	MIN LENGTH
60	12 SECTIONS (45.72m)
70	14 SECTIONS (53.34m)
80	16 SECTIONS (60.96m)
90	20 SECTIONS (76.20m)
100	23 SECTIONS (87.63m)
110	27 SECTIONS (102.87m)
120	29 SECTIONS (110.49m)
130	32 SECTIONS (121.92m)
140	35 SECTIONS (133.35m)



CONSULTANT APPROVAL

.....

Reg. No. :-

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOCI. LTD.



Reg. No. 1998/000984/JO

**BUILDING SOUTH AFRICA
THROUGH BETTER ROADS**

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 NUMBER		N.012-200-2019/1F	
DRAWING LOCATION DATA		START	END
ROUTE		N12	N12
SECTION		20	20
DRAWING km DISTANCE		-	-
DRAWING TYPE		ROADS - ROADWORKS	
BRIDGE/STRUCTURE No.			
CONSULTANT DRAWING No.		N12-TD005-00	VER V1
SANRAL DOCUMENT #		17531018	