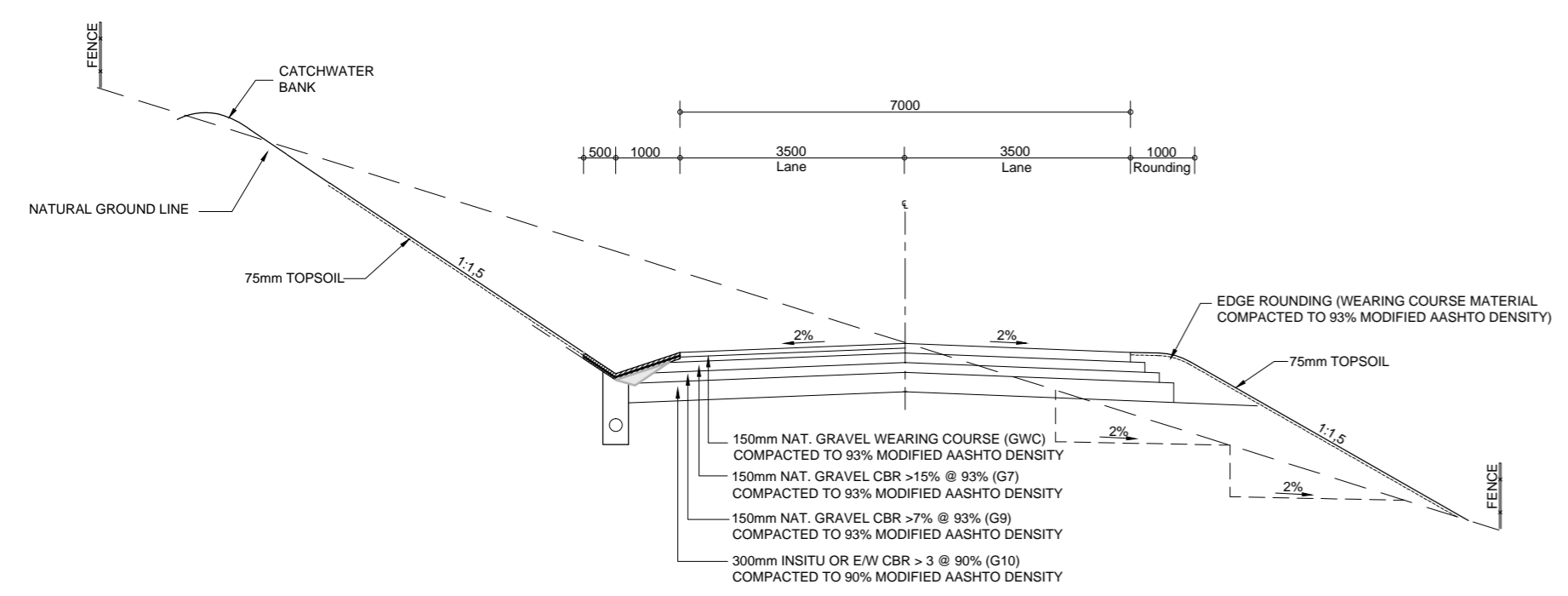
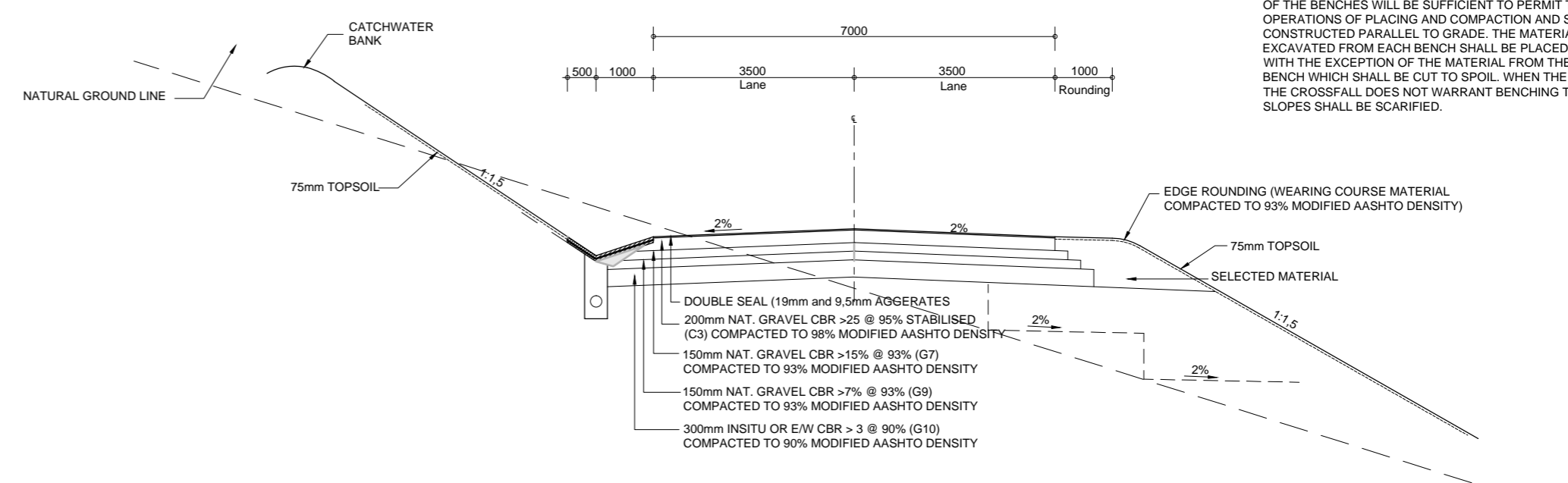


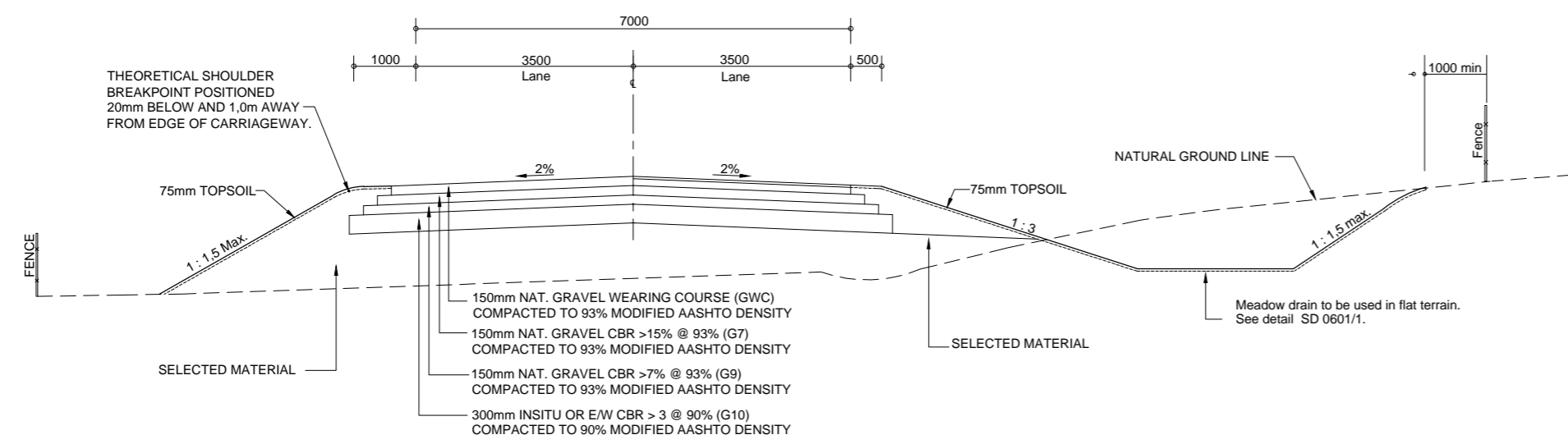
TO ENSURE THE STABILITY OF EMBANKMENTS CONSTRUCTED ON CROSSFALLS STEEPER THAN 20%, THE ENGINEER MAY ORDER THE SURFACE OF THE SIDE SLOPE TO BE SUCCESSIVELY BENCHED TO FORM A STABLE PLATFORM ON WHICH TO CONSTRUCT THE EMBANKMENTS. THE DIMENSIONS OF THE BENCHES WILL BE SUFFICIENT TO PERMIT THE OPERATIONS OF PLACING AND COMPACTION AND SHALL BE CONSTRUCTED PARALLEL TO GRADE. THE MATERIAL EXCAVATED FROM EACH BENCH SHALL BE PLACED TO BANK WITH THE EXCEPTION OF THE MATERIAL FROM THE FIRST BENCH WHICH SHALL BE CUT TO SPOIL. WHEN THE SLOPE OF THE CROSSFALL DOES NOT WARRANT BENCHING THE SIDE SLOPES SHALL BE SCARIFIED.



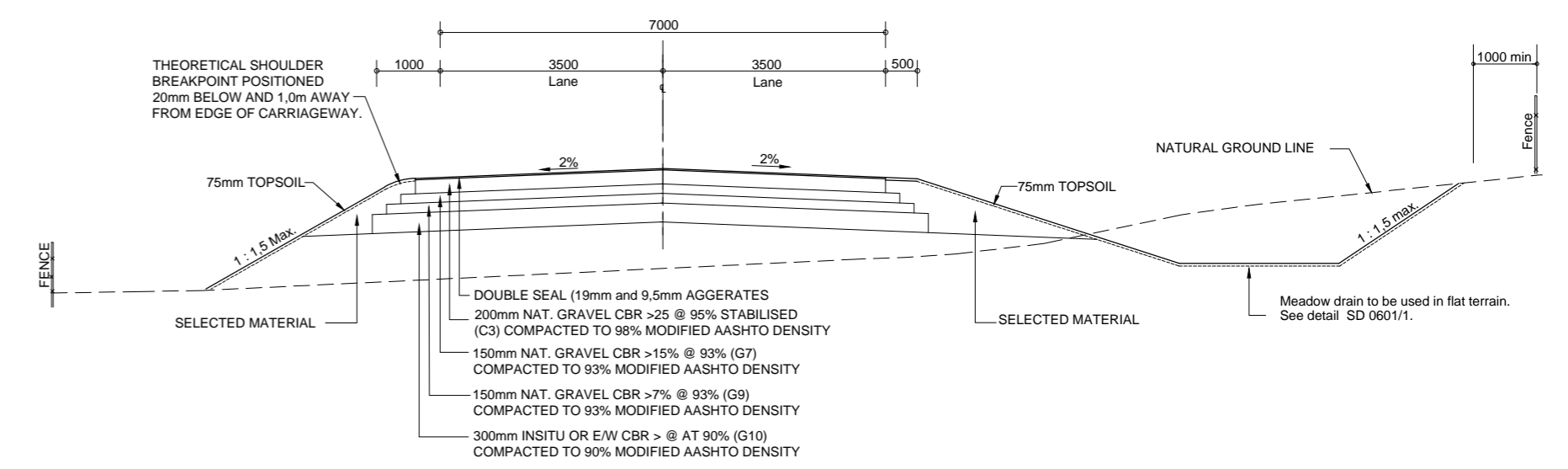
7000mm WIDE GRAVEL CROSS SECTION - IN CUT (km 1,5 to km 1,8)
SCALE 1:50



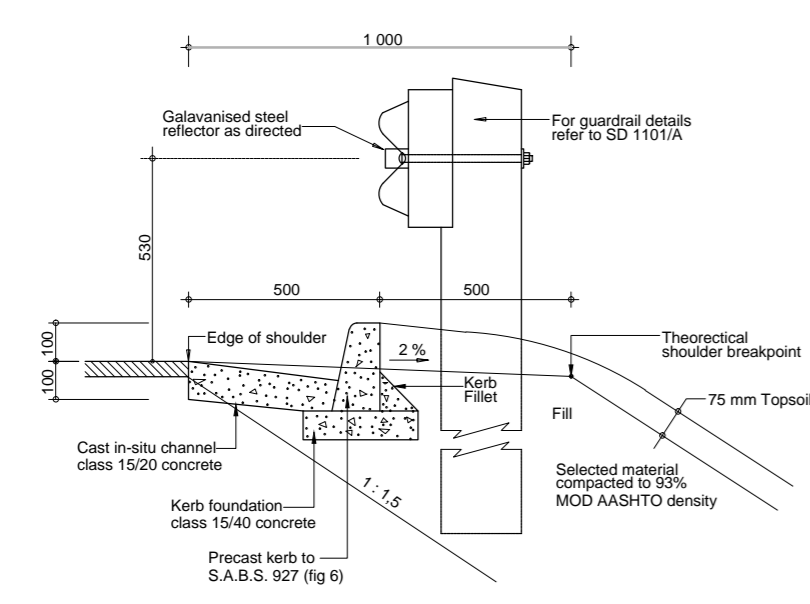
7000mm WIDE BLACKTOP CROSS SECTION - IN CUT (km1,8 to km12,5)
SCALE 1:50



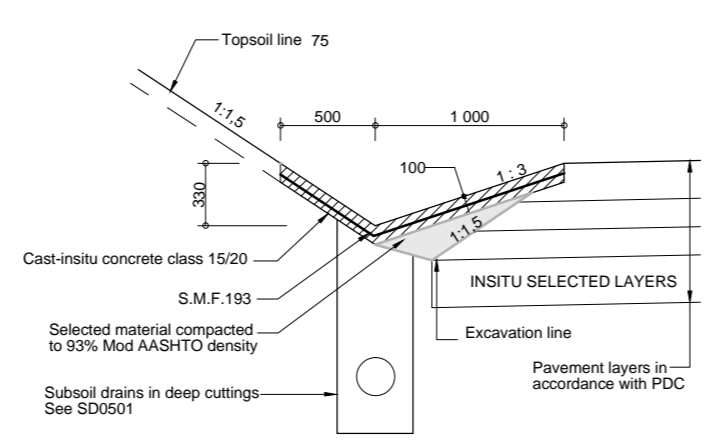
7000mm WIDE GRAVEL CROSS SECTION - IN FILL
SCALE 1:50



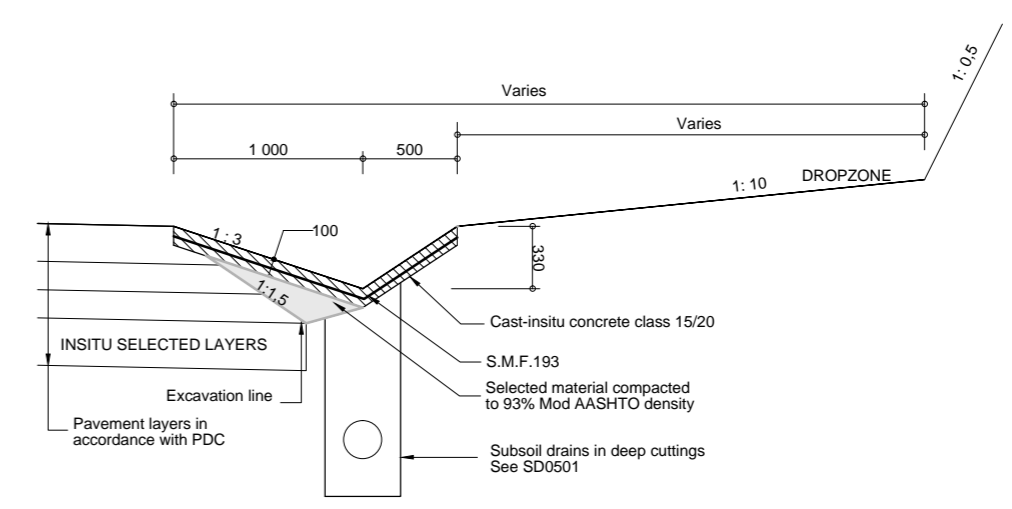
7000mm WIDE BLACKTOP CROSS SECTION - IN FILL
SCALE 1:50



GUARDRAIL INSTALLATION WITH KERB AND CHANNEL
Scale : 1 : 10



CONCRETE-LINED 1 000 V-DRAIN (CUT CONDITION)
Scale 1 : 20



CONCRETE-LINED 1 000 V-DRAIN (WIDE PROFILE)
Scale 1 : 20

Symbol	Date	Description	Checked	Signed
B	11/2016	Issued For Construction		UD
A	08/2012	SIDE DRAIN FOR MAIN ROAD		P.F
AMENDMENTS				

AS BUILT
Supervising Engineer: _____ Date: _____
Supervising Authority: _____

Continued from:-	-	Designed by:-	K.MAFU
Continued on:-	-	Checked by:-	P.L. FORREST
Cross Section No:-	-	Drawn by:-	W.SURJOOPERSAD
Longitudinal Section No:-	-	Checked by:-	P.L. FORREST
Design Plan No:-	-	Date of approval:-	



Designed by: **Royal HaskoningDHV**
Enhancing Society Together
Signature: _____
Date: _____

TRANSPORTATION ENGINEERING
CHIEF ENGINEER
HEAD : TRANSPORT

MAIN ROAD
P752 : NKAMBA TO QUDENI
PORTION
QUDENI LINK ROAD
TYPICAL CROSS SECTIONS

Staked km distance
km0.000 TO km13.000
Scale
AS SHOWN

Sheet :- 1
of :- 1
Plan No. :- C34103/B

Plan No. C34103