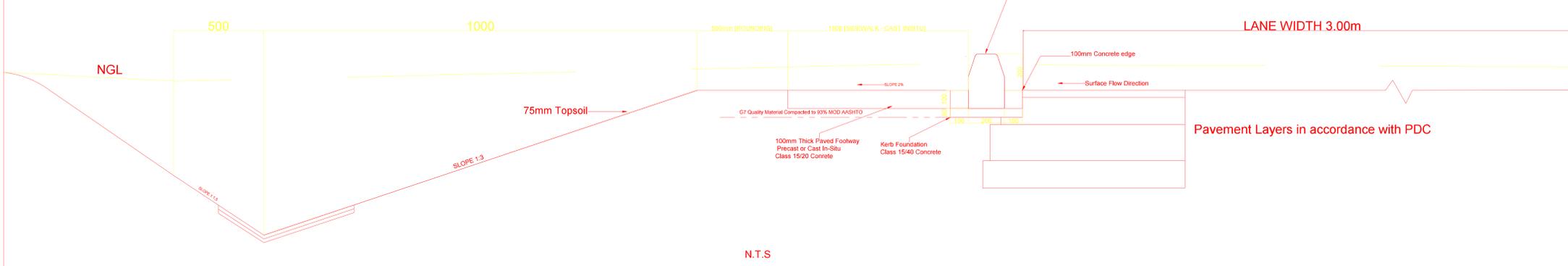
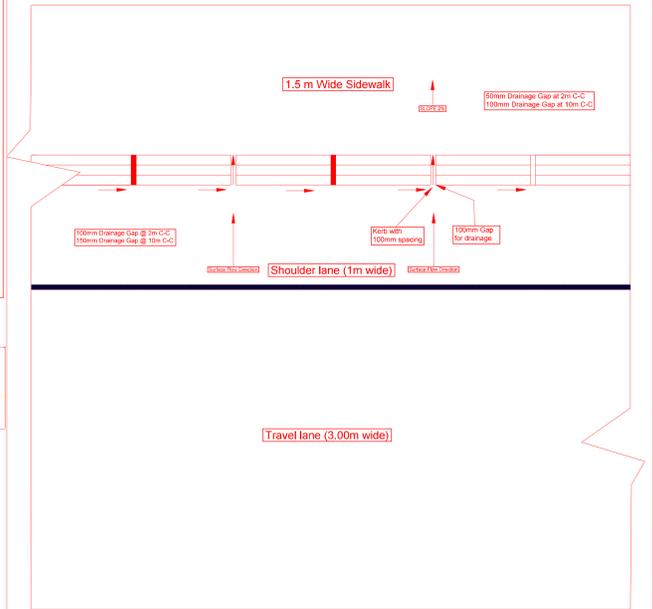


DELINEATOR KERB AT GRADE SIDEWALK DETAIL CUT CONDITION

- NOTES :**
- 100mm Gaps at 2m C-C and 150mm Gaps at 10m C-C
 - Gaps between kerbs are to be sealed with engineer approved sealant.
 - Sidewalks to be constructed using alternate panel method to allow for expansion and cracking control.
 - Expansion joints to be provided where gaps between kerbs are not required, consisting of approved preformed joint filler board 13mm thick cut to required shape to be provided where indicated .
 - Where guardrails are used, sidewalks are to be increased by 300mm to 1.8m.
 - Constructed to SANS 927 specifications
 - Recommendation : Where sign posted speed is 80km/h and above , Designers should consider positioning sidewalks away from road edge if adequate space is available.
 - Kerb and Channel drains should be used on fill conditions exceeding 3m in height with guardrails and sidewalks positioned away from road edge.

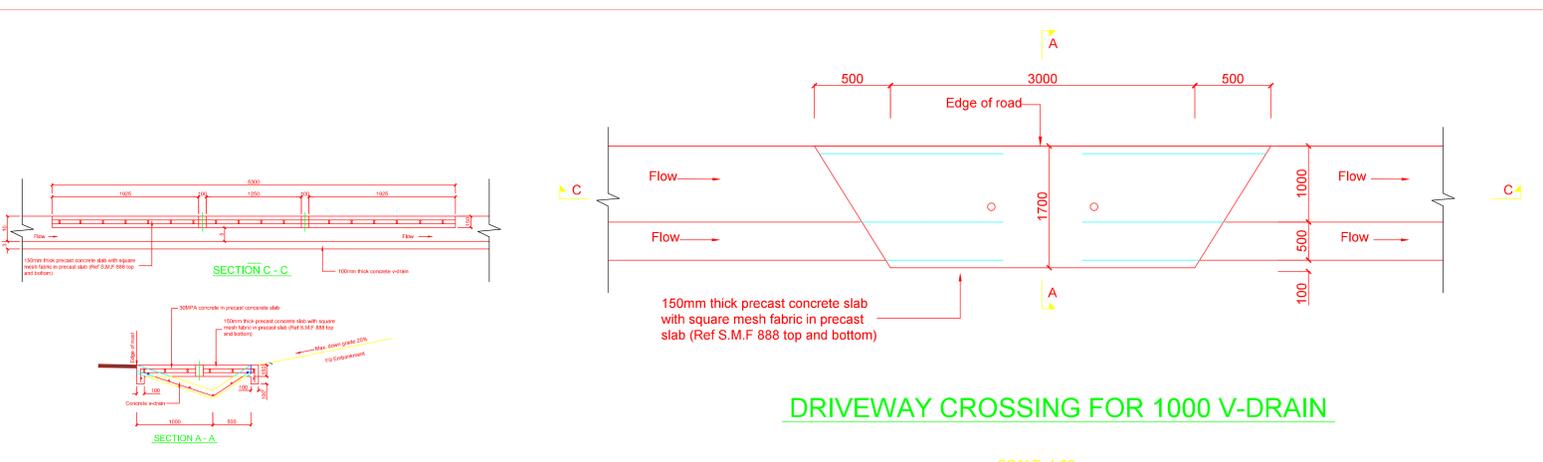
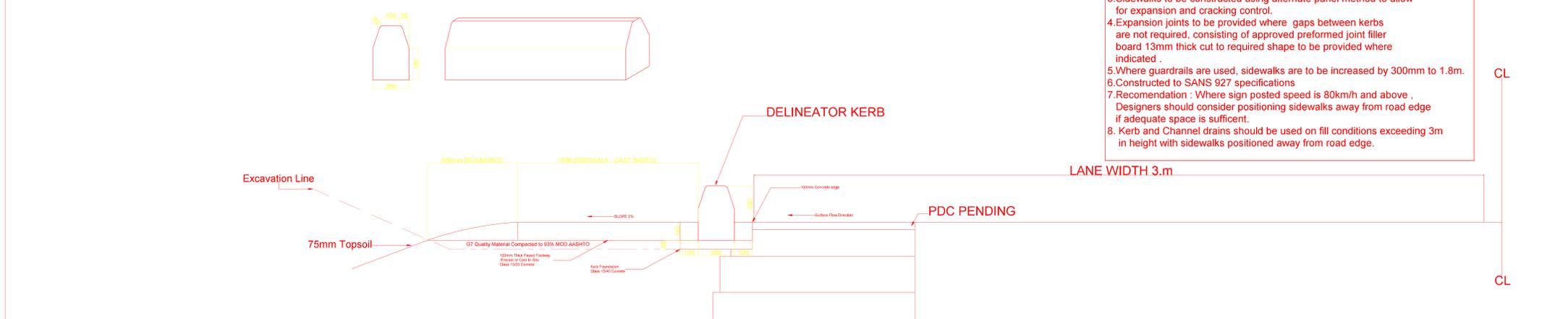


PLAN VIEW OF DELINEATOR KERB & SIDEWALK



DELINEATOR KERB AT GRADE SIDEWALK DETAIL FILL CONDITION

- NOTES :**
- 100mm Gaps at 2m C-C and 150mm Gaps at 10m C-C
 - Gaps between kerbs are to be sealed with engineer approved sealant.
 - Sidewalks to be constructed using alternate panel method to allow for expansion and cracking control.
 - Expansion joints to be provided where gaps between kerbs are not required, consisting of approved preformed joint filler board 13mm thick cut to required shape to be provided where indicated .
 - Where guardrails are used, sidewalks are to be increased by 300mm to 1.8m.
 - Constructed to SANS 927 specifications
 - Recommendation : Where sign posted speed is 80km/h and above , Designers should consider positioning sidewalks away from road edge if adequate space is sufficient.
 - Kerb and Channel drains should be used on fill conditions exceeding 3m in height with sidewalks positioned away from road edge.

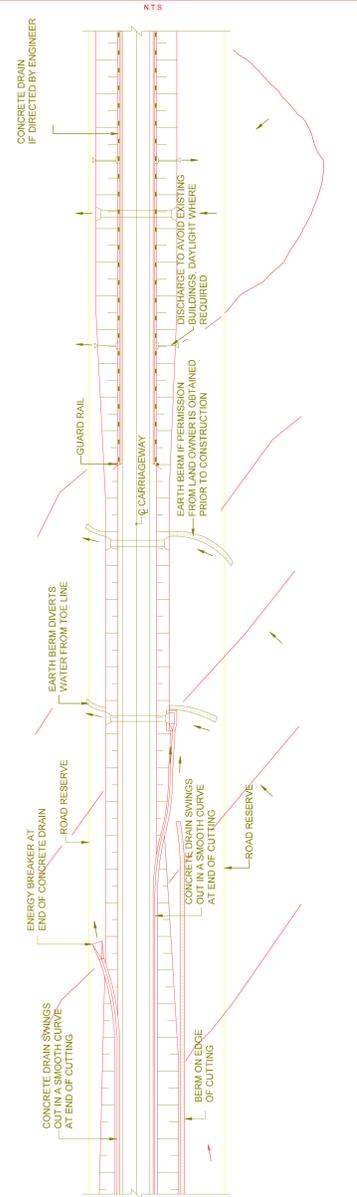


SIGN POSITIONING DETAILS

	A (m)	B (m)	C (m)
Rural	0-0.15	1.8-2.1	1.3-1.6

PROPOSED PAVEMENT LAYERS

150mm GeoMulticell
150mm natural gravel subgrade upper selected at 93% Mod AASHTO Density (G7)
150mm natural gravel subgrade - lower selected at 93% Mod AASHTO Density (G9)
200mm In-situ or earthworks at 90% Mod AASHTO Density (G10)



Symbol	Date	Description	Checked	Signed
AMENDMENTS				

AS BUILT

Supervising Engineer: _____ Date: _____

Supervising Authority: _____

Continued from:- _____

Continued on:- _____

Cross Section No:- _____

Longitudinal Section No:- _____

Design Plan No:- _____

Designed by:- L. MAHADEO

Checked by:- _____

Drawn by:- _____

Checked by:- _____

Date of approval:- _____



Designed by: _____

Geometric Design Sub-Directorate
224 Prince Alfred Street
Pietermaritzburg
3201

Signed: _____ Date: _____

TRANSPORTATION ENGINEERING:
CHIEF ENGINEER

HEAD: TRANSPORT

THE UPGRADE OF DISTRICT ROAD 1097

PORTION

UPGRADE FROM KM 0+000 TO KM 4+674

STANDARD DETAILS FOR D1097

Slaked km distance: _____

Scale: 1:1000

SHEET: 1 OF 5

<C PLAN NO.>