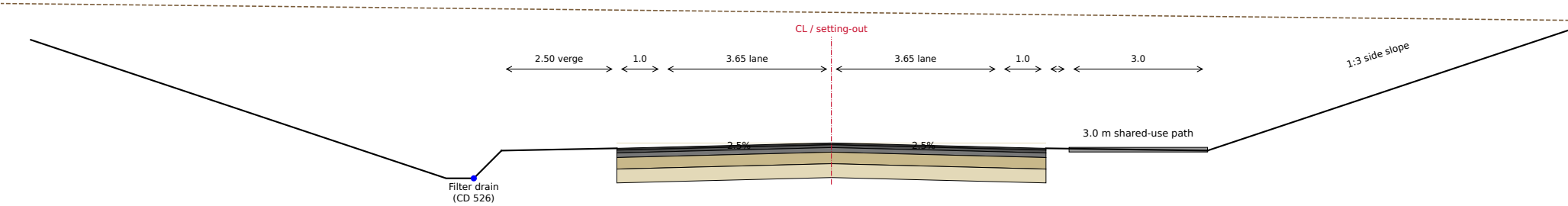
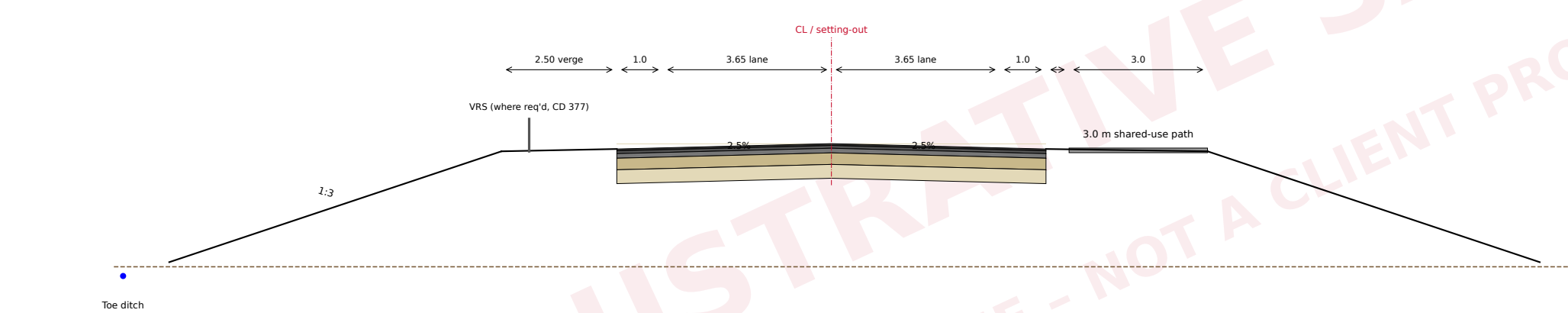


TYPICAL CROSS-SECTIONS - S2 SINGLE CARRIAGEWAY (CD 127)

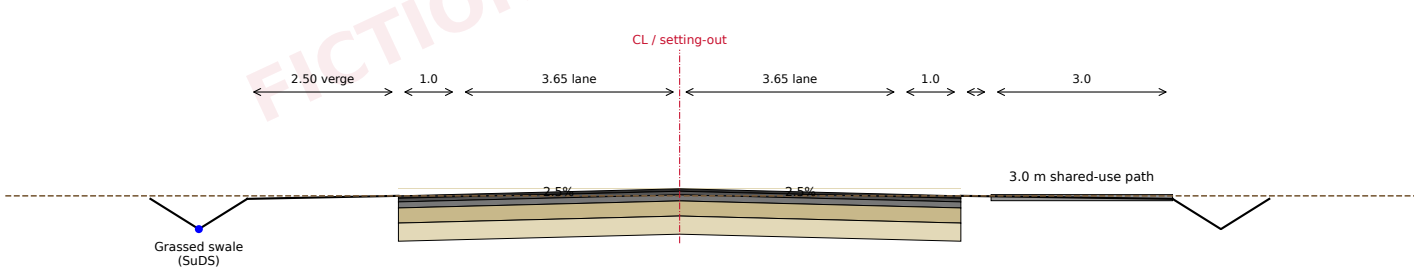
SECTION A-A IN CUTTING (typ. Ch 1+150)



SECTION B-B ON EMBANKMENT (typ. Ch 0+780)



SECTION C-C AT GRADE (typ. Ch 0+050)



PAVEMENT BUILD-UP (INDICATIVE, CD 226)

Layer	Material (indicative)	Thk
Surface course	SMA 10 surf PMB, PSV ≥ 60	40
Binder course	AC 20 dense bin 40/60	60
Base	AC 32 dense base 40/60	100
Subbase	Type 1 unbound (Series 800)	250
Capping	Class 6F2 (CBR ≤ 5% only)	300
Total (excl. capping)	Design to CD 226 – to be confirmed	450

NOTES

1. All dimensions in metres unless noted; pavement in mm.
2. Crossfall 2.5% on straights; superelevation per CD 109 on curves.
3. Side slopes 1:3 subject to geotechnical design (CD 622).
4. Drainage to CD 526/CD 521; outfall rates per CG 501.
5. VRS need assessed to CD 377.
6. Not to scale if printed below A3.
7. Not for construction.

Revision

P01 2026-10-13 First issue – illustrative sample

RoadRail Design

roadraildesign.com

Project A999 Example Junction Improvement, Fictional Town
Title A999 Typical Cross-Sections - Cut, Fill, At-grade
Client None – illustrative capability sample
Status S0 – Work in progress (sample)

Document no.	Rev	Scale	Date
RRD-SMP-XX-XX-DR-C-0102	P01	1:100	2026-10-13