

MINIMUM PIPE COVER

LOCATION	MINIMUM COVER #
NON ROADWAYS	450
ROADS/ROAD RESERVES	600
MAJOR ROADWAYS/EMBANKMENTS	750

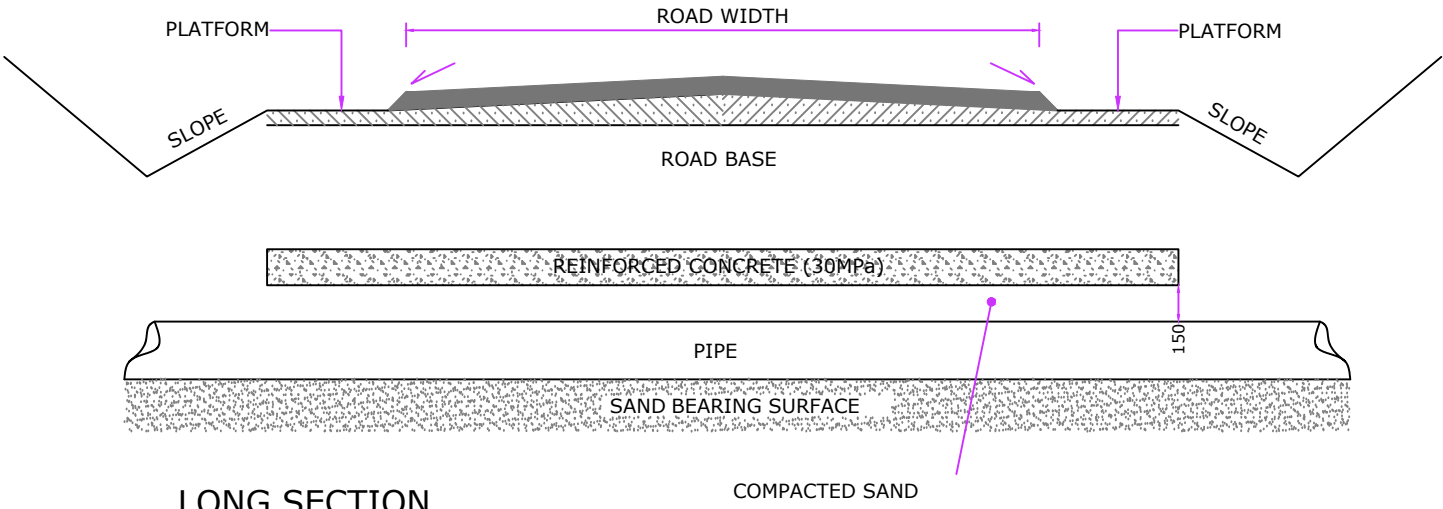
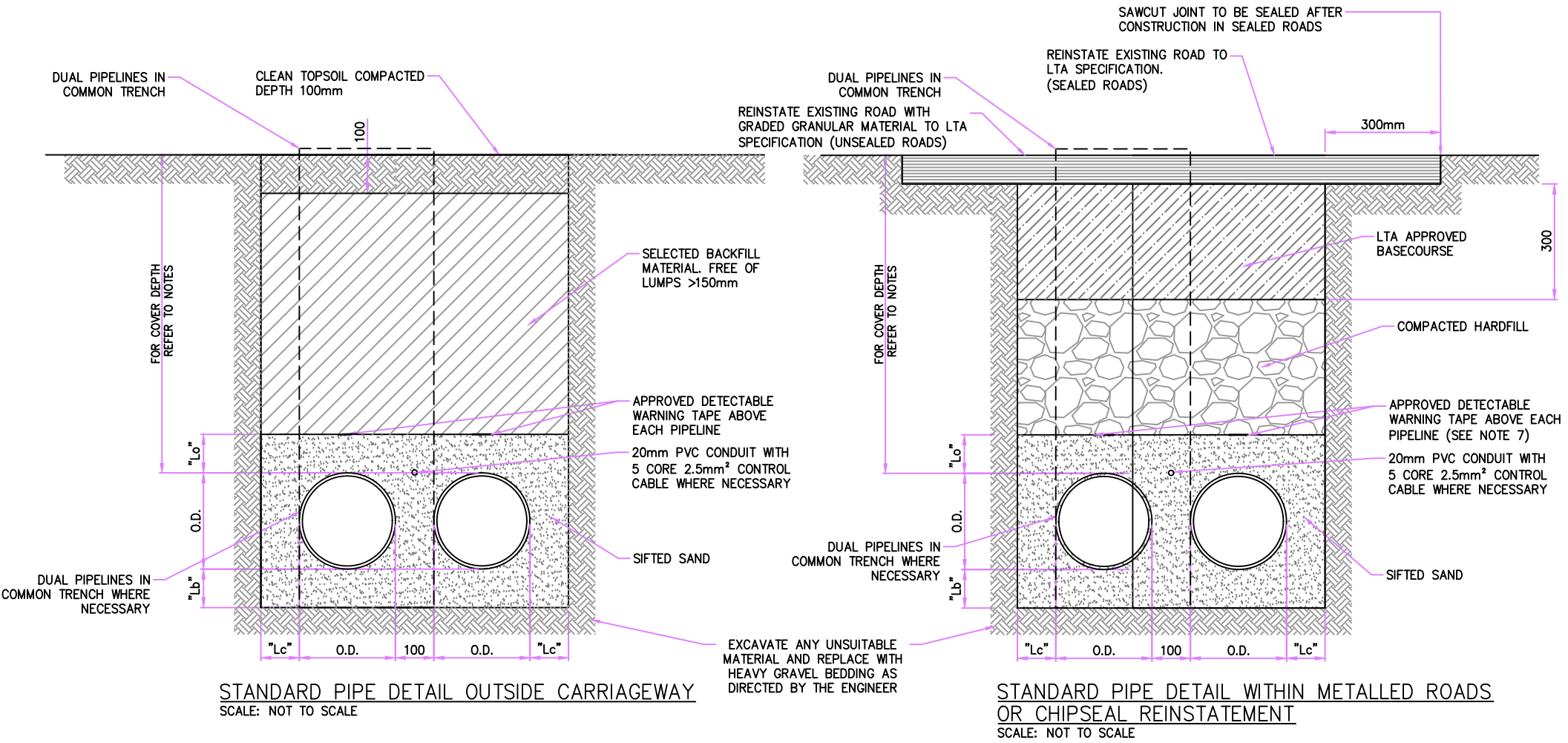
BEDDING & OVERLAY DEPTH

PIPE SIZE (DN)	'Lb' (min)		'Lo' (min)	
	DI STEEL	PVC PE	DI STEEL	PVC PE
50 - ≤ 80	100	100	100	150
100 - ≤ 450	100	150	150	200
>450 - ≤ 900	150	150	150	300

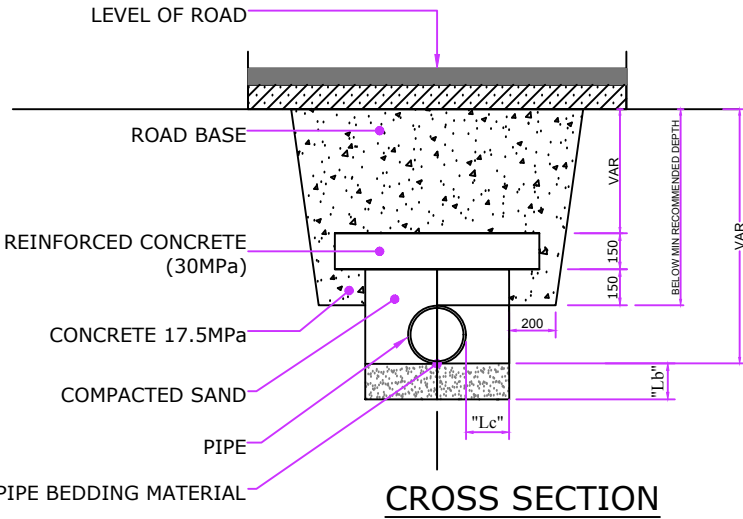
TRENCH CLEARANCE

NOMINAL DIAMETER (DN)	MINIMUM CLEARANCE "Lc"
≤150	100
>150 - ≤300	150
>300 - ≤450	200
>450 - ≤900	300

TRENCH WIDTH TO BE SUFFICIENT TO SAFELY LAY THE PIPE AND COMPACT THE SIDE SUPPORT ZONE



LONG SECTION



CROSS SECTION

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETERS
2. SIDES OF EXCAVATION TO BE KEPT VERTICAL TO AT LEAST 150 ABOVE PIPE.
3. ALL BACKFILL IS TO BE COMPACTED IN 150 MAX LAYERS TO OBTAIN MAXIMUM DENSITY.
4. ALL ROAD REINSTATEMENT IS TO FULLY COMPLY WITH CURRENT LAND TRANSPORT AUTHORITY SPECIFICATIONS.
5. EMBEDMENT TYPES TO BE SPECIFIED ON DESIGN DRAWINGS.
6. A REDUCED DEPTH OF COVER MAY BE CONSIDERED FOR DI SUBJECT TO APPROVAL OF THE ENGINEER
7. NON-DETECTABLE TAPE MAY BE USED FOR METALLIC PIPES.

DESIGNED:	BY:	DATE:	REV:	DESCRIPTIONS:	DATE:	APPROVED:

DRAWING TITLE:
STANDARD DRAWING

PROJECT TITLE:
PIPE TRENCH & BEDDING DETAILS

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SIZE	CONTRACT NUMBER:	REVISION
A3	-	0
SCALE:	DRAWING NUMBER:	
N.T.S	-	