

STANDARD EMBEDMENT & TRENCHFILL ARRANGEMENT

Not to scale

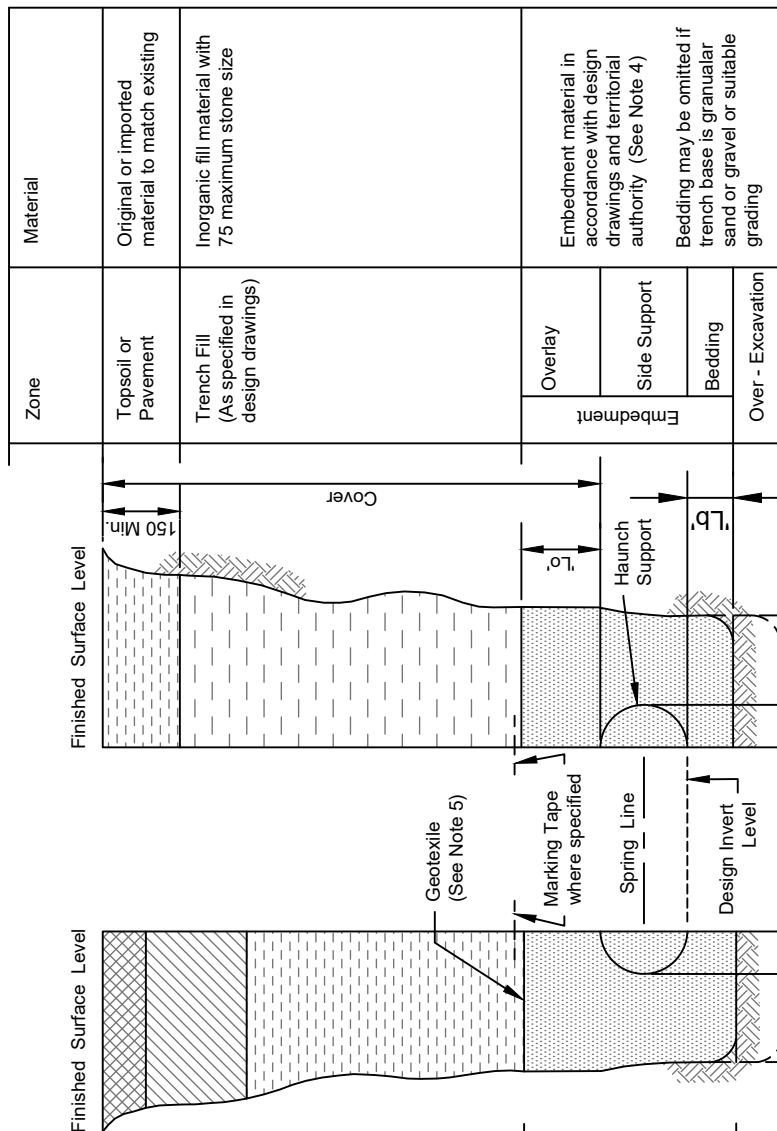
Material		Zone
Road Surface	Non Road Surface	Surface Course
Road Surface Layer	To Match Existing	Road Base
To match existing road base or to territorial authority requirements	Trench fill materials to be similar with National Code of Practice for Utility Operations' Access to Transport Corridors Section 5.5.3 Backfill Materials or to territorial authority requirements	Trench Fill (As specified in design drawings)
Trench fill materials to be similar with National Code of Practice for Utility Operations' Access to Transport Corridors Section 5.5.3 Backfill Materials or to territorial authority requirements	Or Inorganic fill materials with 75 Maximum stone size	
Embedment material in accordance with design drawings and territorial authority (See Note 4) Bedding may be omitted if trench base is granular sand or gravel or suitable grading		Overlay
		Side Support
		Bedding
		Over - Excavation

VEHICULAR LOADING

'Lo' - 300 mm Non-Trafficable and Trafficable
'Lb' - 100 mm min. Trafficable - Refer to D24

Note:

1. All Dimensions in millimetres.
2. Specify special bedding to suit the conditions if the trench floor has:
 - Irregular outcrops of rock or
 - Been disturbed by uncontrolled ground water.
3. Compact and evenly grade finished trench floor.
4. Embedment, trench fill and compaction to meet the requirement of design drawings or specifications.
5. Use Geotextile filter fabric where specified.
6. Sides of excavation to be kept vertical to at least 150 above the pipe.



SPRING LINE TRENCH CLEARANCE

Nominal Diameter Dn.	Minimum Clearance 'Lc'
≤150	100
>150 - ≤300	150
>300	300

Trench width to be sufficient to safely lay pipe and compact the side support zone

NO VEHICULAR LOADING

Includes locations where occasional vehicle loading occurs such as reserves and footways



PIPE JOINT BEDDING POCKETS

For joint projections (Sockets, flanges and so on)