

Laylite Culverts and Fluming

Technical Guide R2.4

Laylite is a sturdy drainage piping system manufactured from 100% recycled material, designed to withstand varying weather conditions and built to last.



10.20 | RURAL | R2.4 LAYLITE CULVERTS AND FLUMING

Applications

- Culverts
- Channelling surface water
- Roading
- Forestry
- Rural

Product Attributes

- Lightweight but strong
- Durable and flexible
- Climate resistant
- Cost effective
- Environmentally friendly
- Easy transportation and installation

Quality

- ISO 9001:2008 Quality Management Standard

We are the supply partner of choice for New Zealand's rural industry, specialising in water and infrastructure based solutions.



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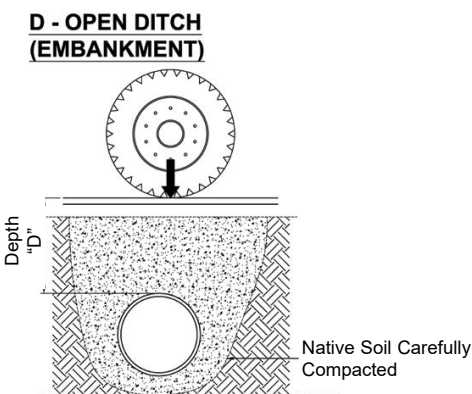
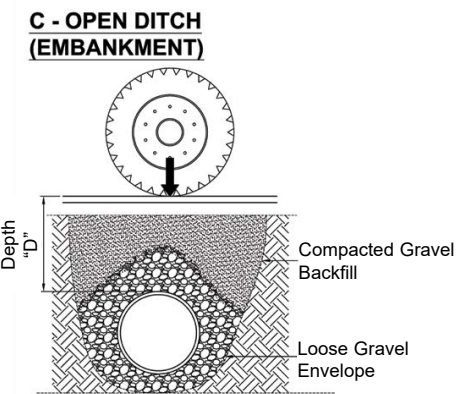
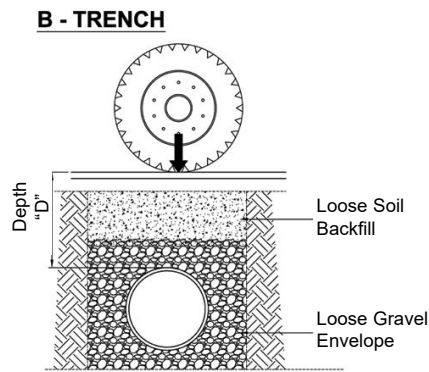
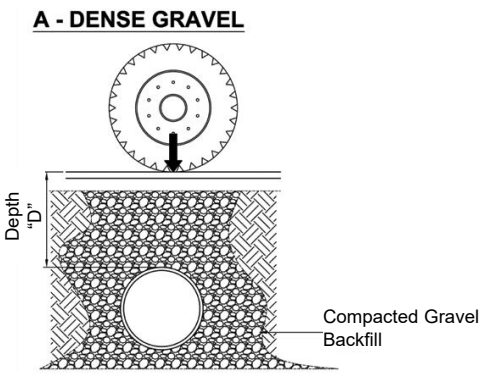
Design Specifications

- Manufactured from polyethylene – a much lighter option than concrete or galvanised metal (a 6.6 m length of Laylite pipe only weighs 63 kg).
- Corrugated profile using optimum angle of 60°
- 408 mm and 600 mm internal diameter pipe and flume.
- Corrosion resistant – unaffected by galvanic or stray current corrosion.
- Bayonet fit interlocking gives simple assembly of long lengths.
- Longitudinal flexibility allows for minor ground movement and conforms to the bedding in trenches.
- For optimum joint strength clamp bands are recommended.



Product Code	Description
LP450.3700	450 mm diameter x 3.7 m
LP450.6600	450 mm diameter x 6.6 m
LP450.3700F	450 mm x 3.7 m fluming
LP600.3800	600 mm diameter x 3.8 m
LP600.3800F	600 mm diameter x 3.8 m fluming

Installation



Description	a	b	c	d
Application 408 id				
Min cover 'd'	410 mm	510 mm	680 mm	680 mm
Max cover 'd'	40 m	40 m	40 m	40 m
Application 408 id				
Min cover 'd'	650 mm	790 mm	1000 mm	1000 mm
Max Cover 'd'	29 m	29 m	29 m	29 m



FIG. 1 Laylite Culvert withstanding weight of various heavy vehicles

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