





Geometric Design index



Review

Onte: February 14, 2020

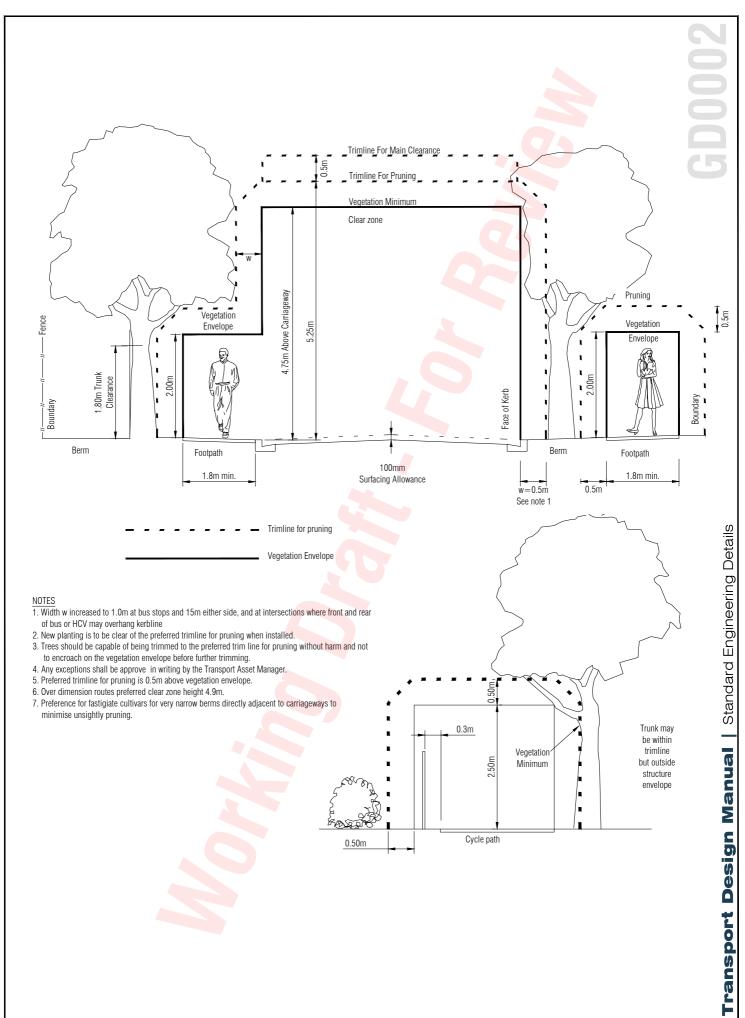
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TDM TECHNICAL STANDARDS

Clearance envelope for structures

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SED No. Version

Compared to the compared t





TDM TECHNICAL STANDARDS

Clearance envelope for vegetation



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TDM TECHNICAL STANDARDS

Clearance envelope for OD routes

Date:
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Version

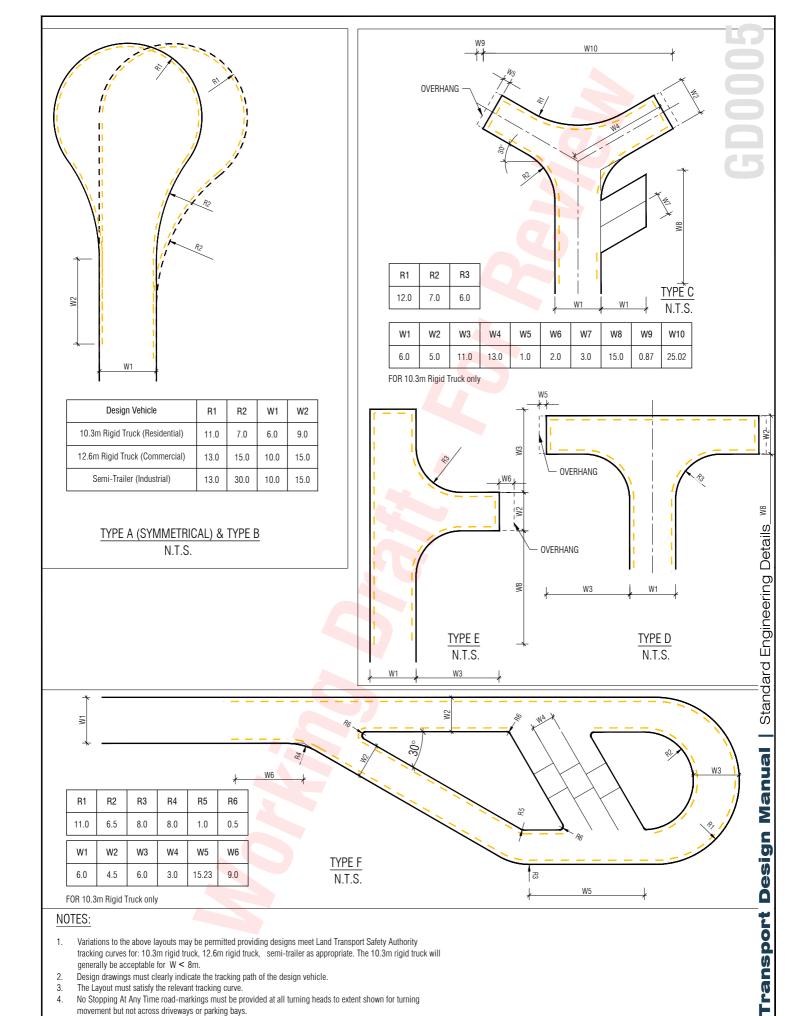
GD0003

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Compound corner templates

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GD0004



NOTES:

- Variations to the above layouts may be permitted providing designs meet Land Transport Safety Authority $tracking\ curves\ for:\ 10.3m\ rigid\ truck,\ 12.6m\ rigid\ truck,\ semi-trailer\ as\ appropriate.\ The\ 10.3m\ rigid\ truck\ will$ generally be acceptable for W < 8m.
- Design drawings must clearly indicate the tracking path of the design vehicle. The Layout must satisfy the relevant tracking curve.
- No Stopping At Any Time road-markings must be provided at all turning heads to extent shown for turning movement but not across driveways or parking bays



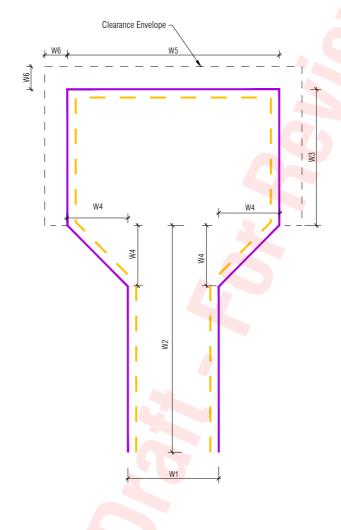
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TDM TECHNICAL STANDARDS

Turning heads

Document in Review GD0005



Minimum dimensions					
W1	W2	W3	W4	W5	W6
6.0	15.0	9.0	4.0	14.0	1.5

For 10.3m Rigid Truck only

NOTES

- 1. This interim layout is to be used for planned staged development only. If extension of the road is not planned, then a permanent cul-de-sac must be provided
- 2. Pavement must be designed for the maximum period before road extension will be open for public use.
- 3. These dimensions can be accepted without supplying specific vehicle tracking.
- 4. The clearance envelop must be protected against obstruction by a temporary easement or agreement.
- No Stopping At Any Time road-markings must be provided at all turning heads to extent shown for turning movement but not across driveways or parking bays.



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TDM TECHNICAL STANDARDS

Interim turning head

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GD0006