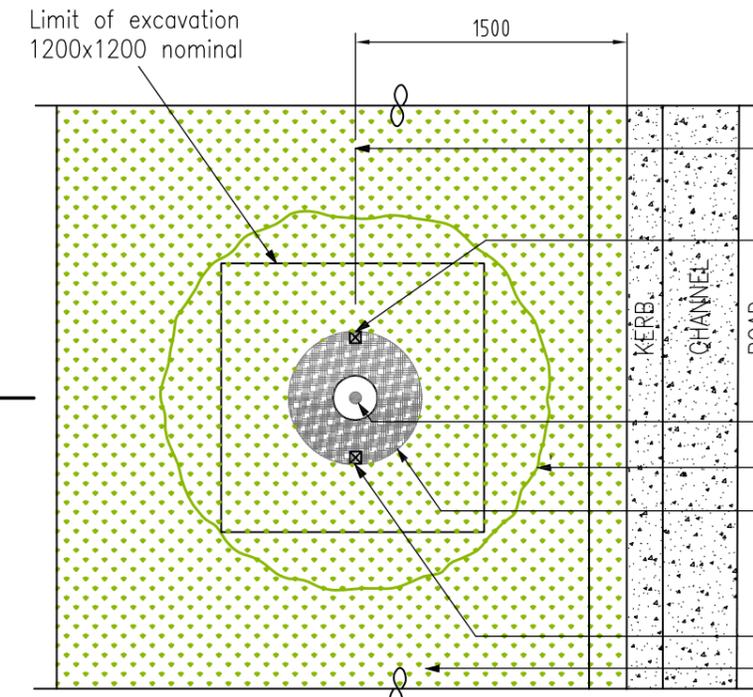


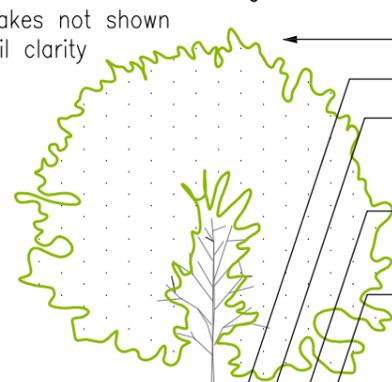
	STD. DWG. NO.	DESCRIPTIONS
	P-002	TREE PLANTING IN STREET VERGES
	P-003	TREE PLANTING IN PARKS
	P-004	PLACEMENT OF TREES ON FOOTPATHS IN URBAN AREAS
	P-005	SQUARE BASED TREE GRILLE DETAILS

<table border="1"> <tr> <td>Field Book No.</td> <td></td> </tr> <tr> <td>Level Book No.</td> <td></td> </tr> <tr> <td>Datum</td> <td></td> </tr> <tr> <td>Revisions</td> <td>Drn by Date</td> </tr> </table>	Field Book No.		Level Book No.		Datum		Revisions	Drn by Date	<table border="1"> <tr> <td>DRAWN</td> <td>L. Porter</td> </tr> <tr> <td>DESIGNED</td> <td>A. Banks</td> </tr> <tr> <td>CHECKED</td> <td>S. Forbes</td> </tr> <tr> <td>EXAMINED</td> <td>G. Parsons</td> </tr> <tr> <td>RECOMMENDED</td> <td>S. Hegedus RPEQ. 5234</td> </tr> <tr> <td>TECHNICAL SERVICES MANAGER</td> <td></td> </tr> <tr> <td>DATE</td> <td>20/08/2015</td> </tr> <tr> <td>Job No./s</td> <td>Works Order No.</td> </tr> </table>	DRAWN	L. Porter	DESIGNED	A. Banks	CHECKED	S. Forbes	EXAMINED	G. Parsons	RECOMMENDED	S. Hegedus RPEQ. 5234	TECHNICAL SERVICES MANAGER		DATE	20/08/2015	Job No./s	Works Order No.	  Auxiliary Plan No's.	<table border="1"> <tr> <td>Horiz. Section</td> <td>NTS</td> </tr> <tr> <td>Vert. Section</td> <td>NTS</td> </tr> </table>	Horiz. Section	NTS	Vert. Section	NTS	<table border="1"> <tr> <td colspan="2">STANDARD DRAWING PARKS AND GARDENS INDEX</td> </tr> <tr> <td>Plan No. P-001</td> <td>No. 1 of 5 Plans Rev. A</td> </tr> </table>	STANDARD DRAWING PARKS AND GARDENS INDEX		Plan No. P-001	No. 1 of 5 Plans Rev. A
Field Book No.																																				
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Datum																																				
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Vert. Section	NTS																																			
STANDARD DRAWING PARKS AND GARDENS INDEX																																				
Plan No. P-001	No. 1 of 5 Plans Rev. A																																			



- Centreline of tree corridor to be 1500 mm off back of kerb.
- Stake trees as per plant schedule. 2 x stakes required (1800mm x 50mm x 50mm) located parallel to kerb. Locate stakes 50 outside rootball and drive 600 into ground. Tie with 2 approved interlocking ties, in a figure eight formation. (Refer detail this plan)
- Tree centre
- Tree canopy diameter
- Mulch around stem 75mm x 300mm radius. Finish mulch 25mm below finished soil level. Maintain 50-100mm radius separation between mulch and stem of tree.
- Tree stake as above
- Turf

Note: stakes not shown for detail clarity



- Tree as per tree schedule
- Base of trunk 20mm below base of turf
- Mulch generally 75mm thick as above, finished 25mm below adjacent finished soil level.
- Turf as specified on 100mm thick minimum topsoil. Finish turf level with kerb levels
- Place the tree in the hole so that the top of the rootball is 20mm below the finished surrounding soil level to form a shallow depression in soil around rootball for improved water retention. Backfill and compact with topsoil around rootball to eliminate air pockets.
- If specified, for aggressive tree roots, use approved polypropylene root barrier. Minimum 600mm depth to road side of tree pit. Length of root barrier as specified.
- Place slow release fertiliser around the rootball to manufacturer's specifications
- Lightly compact topsoil mixed with original subgrade (50-50) and place root ball on top.

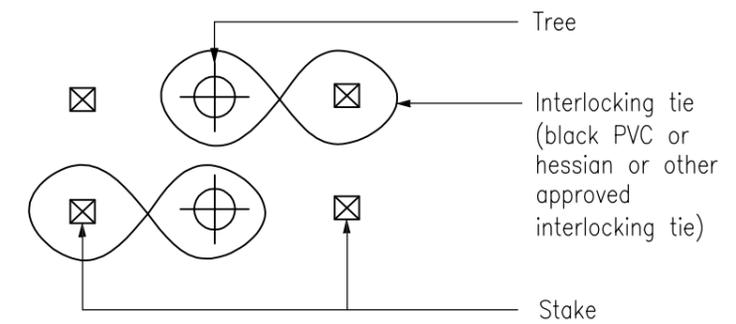
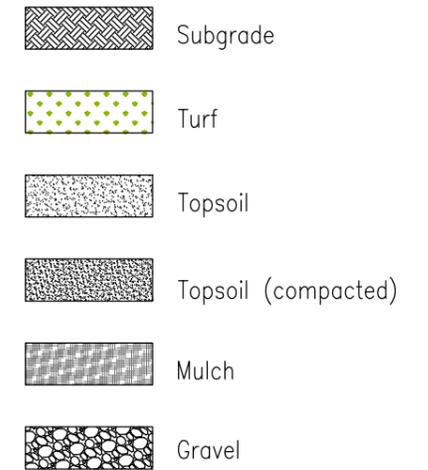
X is the diameter of the rootball

Note: verify location of services prior to excavation of tree hole

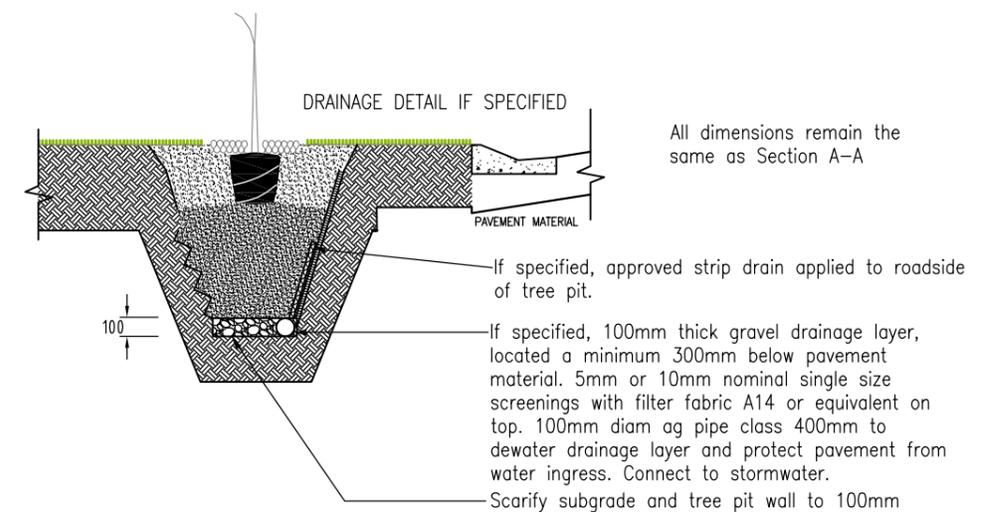
SECTION A-A

NOTES

1. Place 5 litres of water into hole and allow to soak away.
2. Tree ties should be loose enough to allow trunk movement. One loop or figure 8 tie is placed between each stake and the tree trunk. Each tie should be secured near the top of the stake. Ties should permit movement without rubbing the trunk.
3. Ensure stakes are driven into subgrade to keep them firm and away from rootball
4. Triple staking and guying maybe used for staking larger trees



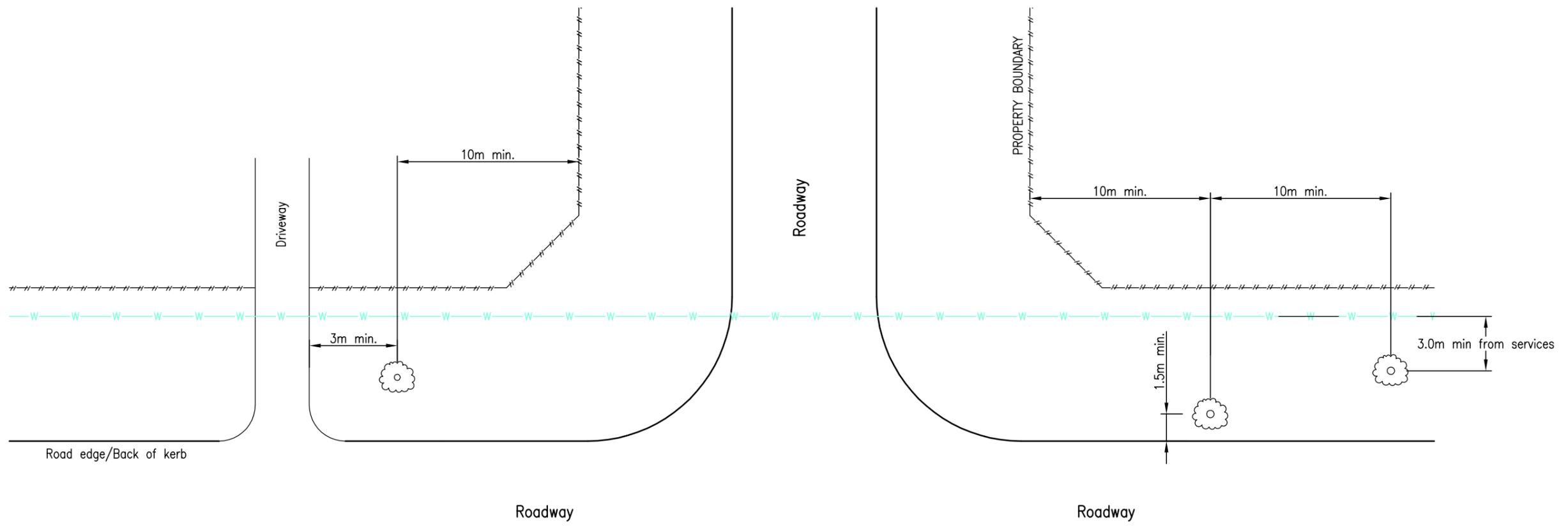
TREE TIE DETAIL



All dimensions remain the same as Section A-A

SECTION A-A WITH DRAINAGE DETAIL

Field Book No.			DRAWN A. Banks		WESTERN DOWNS REGIONAL COUNCIL	Horiz. Section NTS	STANDARD DRAWING PARKS AND GARDENS TREE PLANTING IN STREET VERGES	
Level Book No.			DESIGNED A. Banks					Vert. Section NTS
Datum			CHECKED A.Christensen					
			EXAMINED G. Parsons					
			RECOMMENDED S. Hegedus RPEQ. 5234		Plan No. <i>P-002</i> No. 2 of 5 Plans Rev. A			
			TECHNICAL SERVICES MANAGER					
A Original Issue			DATE 20/08/2015		Auxiliary Plan No's.			
Revisions		Drn by	Date	Job No./s				Works Order No.



Road edge/Back of kerb

Driveway

10m min.

3m min.

Roadway

PROPERTY BOUNDARY

10m min.

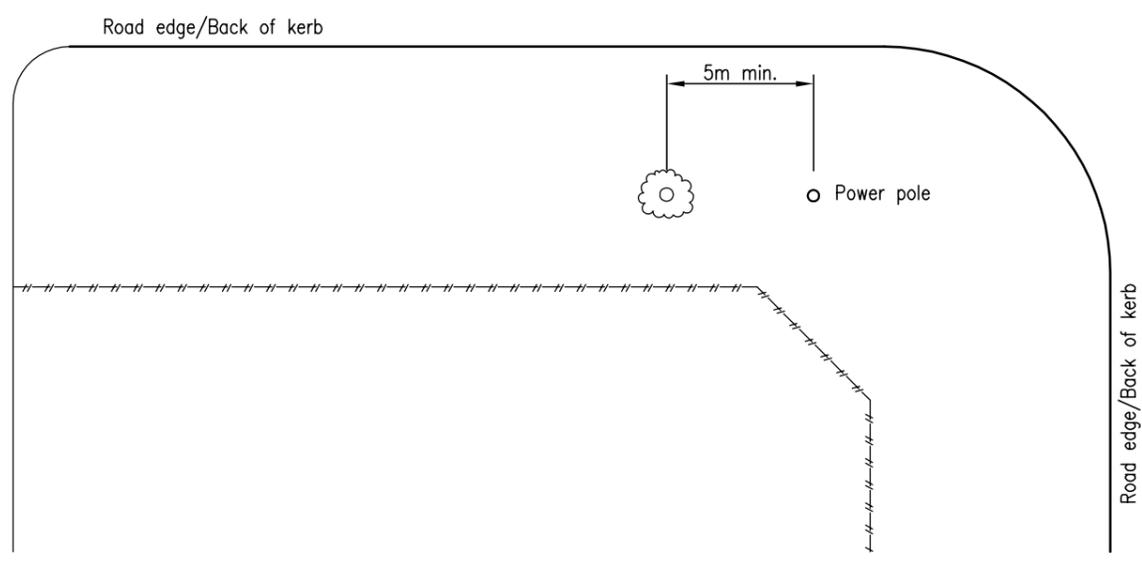
10m min.

1.5m min.

3.0m min from services

Roadway

Roadway



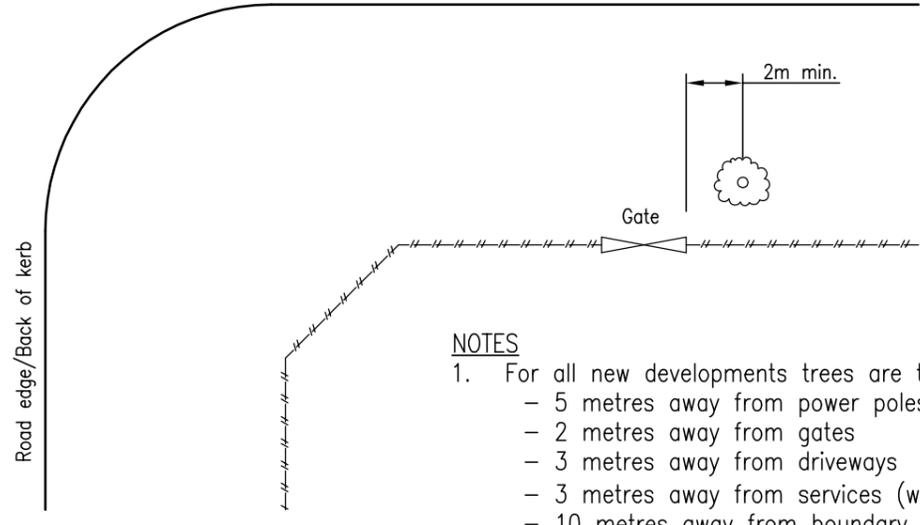
Road edge/Back of kerb

5m min.

Power pole

Road edge/Back of kerb

Roadway



Road edge/Back of kerb

2m min.

Gate

NOTES

1. For all new developments trees are to be positioned no less than:
 - 5 metres away from power poles
 - 2 metres away from gates
 - 3 metres away from driveways
 - 3 metres away from services (water, gas, etc.)
 - 10 metres away from boundary
 - 1.5 metres away from back of kerb or road edge where no kerb exists.
2. Trees are to be positioned no less than 10 metres apart.
3. Trees are not to be placed in table drains without approval from western downs regional council.
4. Contact Western Downs Regional Council Engineering Department for approval of tree planting near existing roads.

PLACEMENT OF TREES ON FOOTPATHS IN URBAN AREAS

			Field Book No.	DRAWN L. Porter
			Level Book No.	DESIGNED S. Forbes
			Datum	CHECKED S. Forbes
				EXAMINED G. Parsons
				RECOMMENDED S.Hegedus RPEQ. 5234
				TECHNICAL SERVICES MANAGER
				DATE 20/08/2015
A	Original Issue			
	Revisions	Drn by	Date	Job No./s
				Works Order No.

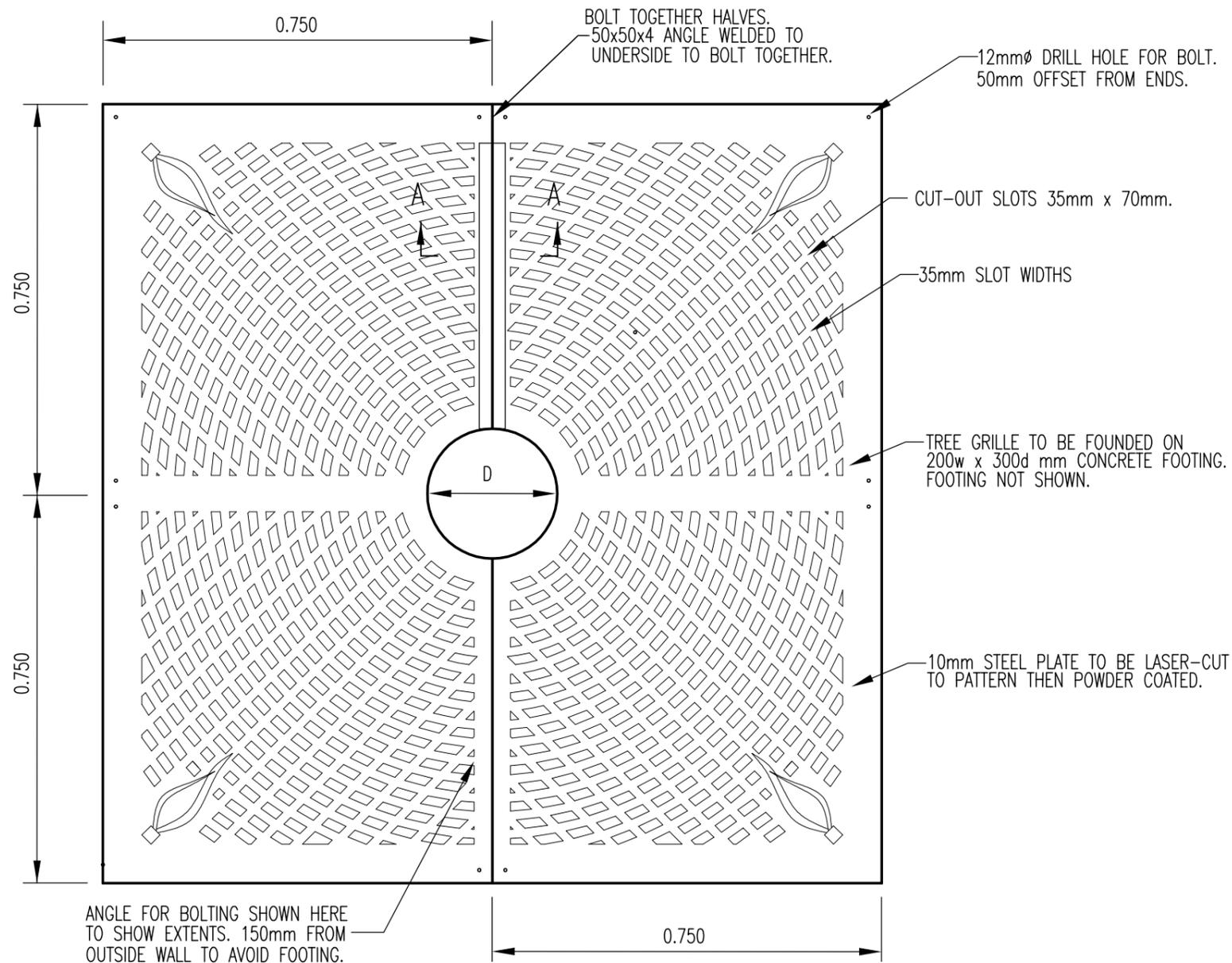
WESTERN DOWNS REGIONAL COUNCIL



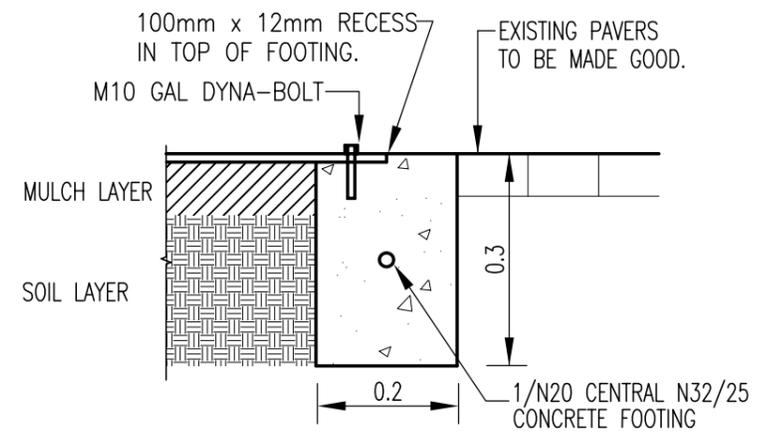
Horiz. Section
NTS
Vert. Section
NTS

**STANDARD DRAWING
PARKS AND GARDENS
PLACEMENT OF TREES ON FOOTPATHS
IN URBAN AREAS**

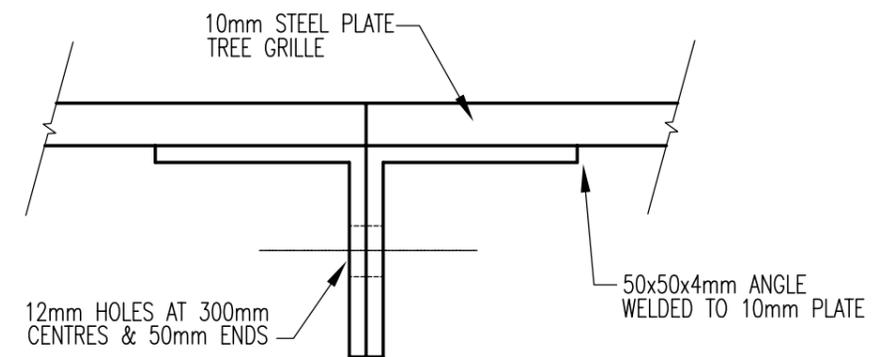
Plan No. P-004 No. 4 of 5 Plans Rev. A



PLAN VIEW



FOOTING DETAIL



SECTION A

NOTES

1. CONFIRM ALL SERVICE LOCATIONS BEFORE EXCAVATING FOR FOOTINGS.
2. ALL STEEL TO BE POWDER COATED IN A COLOUR TO MATCH THE EXISTING STREET SCAPING PALETTE.
3. EXISTING PAVING IS TO BE SAWCUT AS REQUIRED AND MADE GOOD AT THE EDGE OF THE TREE GRILLE FOOTINGS.
4. FOOTING TO BE INSTALLED TO MATCH EXISTING LEVELS ENSURING STRAIGHT GRADES FOR TREE GRILLE RECESS. PAVING AND KERBING WILL NEED TO BE RESET AT SOME INSTALLATIONS.

			Field Book No.	DRAWN S. Robertson		Horiz. Section	STANDARD DRAWING
			Level Book No.	DESIGNED S. Forbes		NTS	PARKS AND GARDENS
			Datum	CHECKED S. Forbes		Vert. Section	SQUARE BASED TREE GRILLE DETAILS
				EXAMINED G. Parsons		NTS	
				RECOMMENDED S. Hegedus RPEQ. 5234 TECHNICAL SERVICES MANAGER			
				DATE 20/08/2015			
A Original Issue			Job No./s	Works Order No.	Auxiliary Plan No's.		Plan No. P-005 No. 5 of 5 Plans Rev. A
Revisions			Drn by	Date			