

PINE RIVERS SHIRE COUNCIL

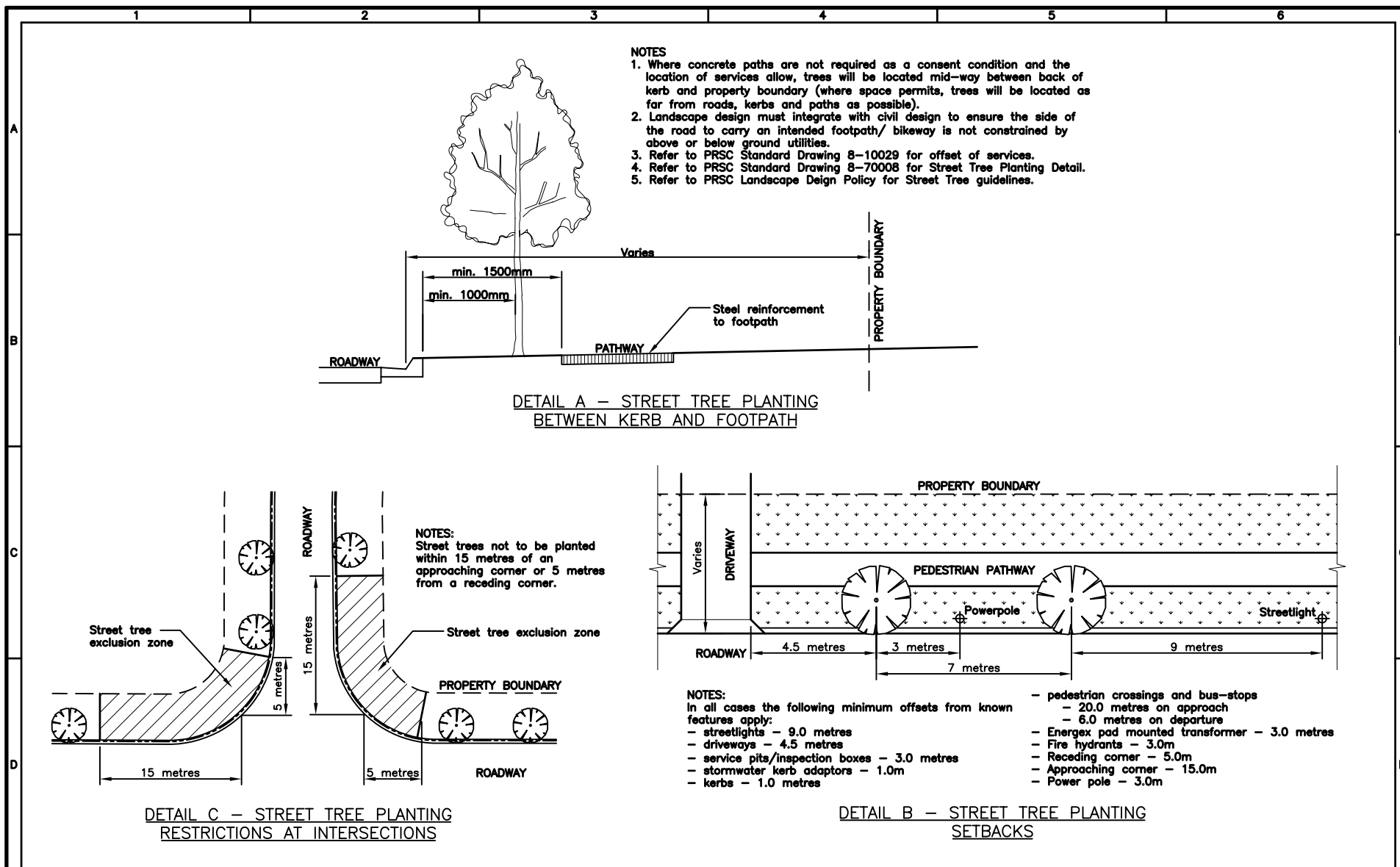
STANDARD DRAWINGS



8-70000 Series PARKS AND GARDENS



DRAWING	AMEND	DESCRIPTION	DATE
8-70001	A	Planting Restrictions on Footpaths and Roadways	02/2005
8-70002	A	Landscape Planting - Median Strips and Roundabouts	02/2005
8-70003	B	Hardwood Timber Vehicle Barrier and Bollard	12/2004
8-70004	A	Trail Marker Posts	12/2004
8-70005	A	Trail Marker Post – Directional Arrow Plate	12/2004
8-70006	A	Trail Marker Post – Horse and Rider and Bicycle Template	12/2004
8-70007	A	Trail Marker Post - Walking Template	12/2004
8-70008	-	Street Tree Planting	02/2005
8-70009	-	Hardwood Timber Pedestrian Barrier	12/2004
8-70010	-	Vehicle Gate with Hardwood Timber Post	12/2004
8-70011	-	Drinking Fountain	12/2004



1		2		3		4		5		6							
A	Setbacks Amd. Original Issue		02/05 ???		Scales		Mayor _____ C.E.O. _____ Date _____		Director Assets & Infrastructure Drawn ME Traced ME Checked _____ Recomm. _____ Approved _____ F. Bk. _____ Level Datum _____		PINE RIVERS SHIRE COUNCIL PLANTING RESTRICTIONS ON FOOTPATHS & ROADWAYS		File 400/26		Min. Page		
	Revisions		Apd. Date		NOT TO SCALE								Drawing No.		8 70001	A3	
	Disc		Date										Sheet 1 of 4 Sheets				

- A - Minimum width of maintenance pavement.
 B - Minimum width of shrubs and ground cover not exceeding 200mm height for median strips and 600mm height (above road pavement) for roundabouts.
 C - Shrubs/ groundcovers with a maximum maintained mature height of 900mm (above road pavement).
 D - Minimum setback of trees for and tall shrubs.
 E - Minimum width of median/ roundabout required for tree planting
 F - Minimum width of premium garden soil for medians / minimum diameter of premium garden soil for roundabouts. Dimension F is to be at a minimum depth of 500mm.

DIMENSION	ROUNDAABOUTS	MEDIAN STRIPS
A	1.0m	0.5m
B	1.0 - 3.0m	0.5 - 1.0m
C	-	1.0 - 1.5m
D	3.0m - >3.0m	min. 1.5m
E	6m	3m
F	4m	2m

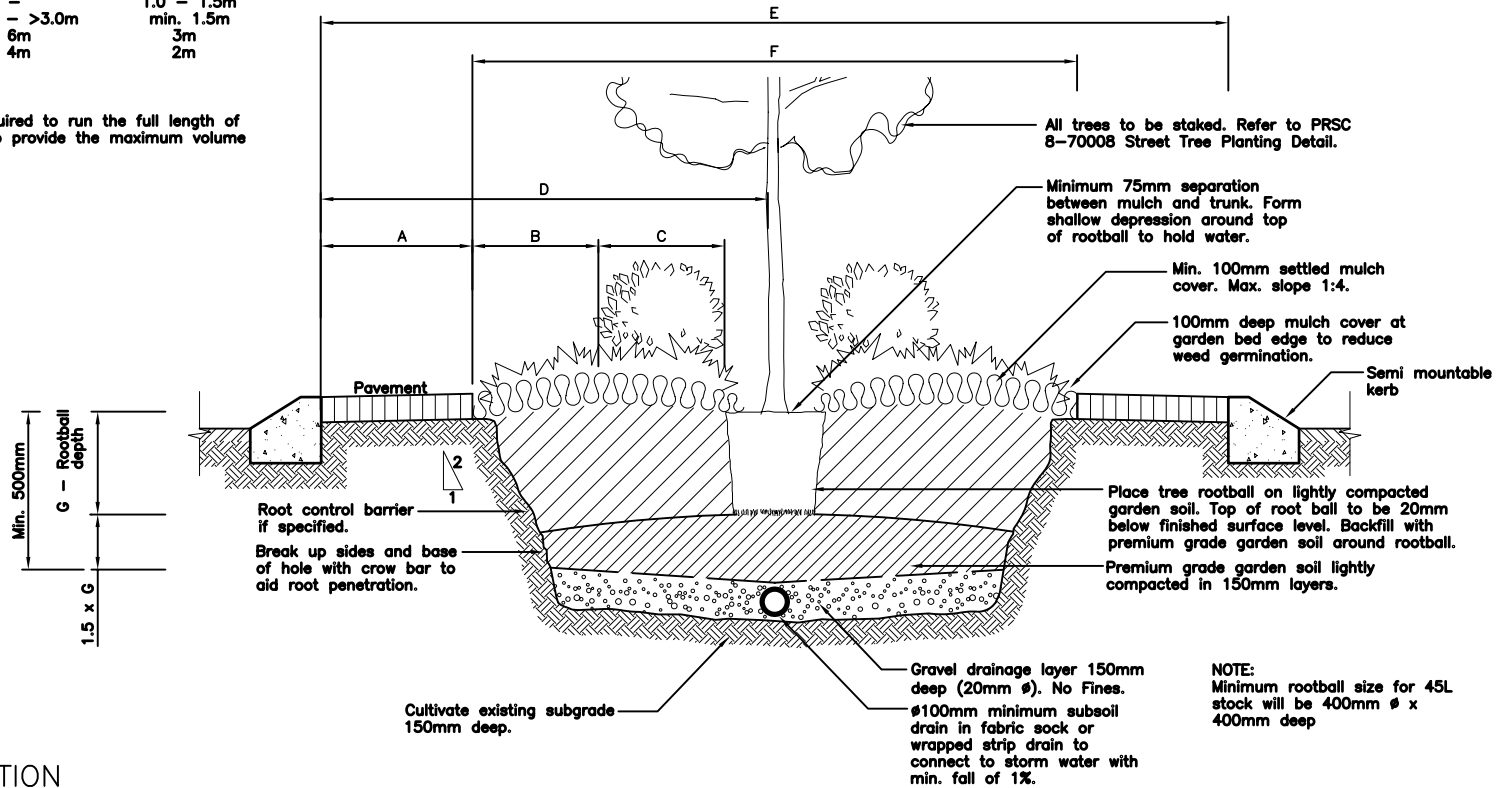
NOTE:
 Dimension F is required to run the full length of the median strip to provide the maximum volume of growing media.

NOTES:

1. Mown grass or turf is not to be used in roundabouts.
2. All landscaped roundabouts and median strips are to be equipped with automatic hard wired irrigation system excepting regions not connected to mains water supply.
3. Trees to be orientated at planting with lowest permanent fork aligned parallel with the kerb.
4. Ends of median strips require special consideration and discussion with Council with regards to clear zones and safety requirements. Tree planting on tapered ends will be restricted.

5. Median strips with an internal unsealed width less than 2 metres must not be planted.
6. Planting medians with an internal width exceeding 2.5 metres will be designed to facilitate appropriate maintenance activity.
7. Tree spacing will be determined depending on the species spatial requirements and clearance from service elements, light poles and sight line requirements.
8. Surface mounted flush point locations are to be provided and their location marked with a side drain marker on the kerb.

SECTION



NOTE:
 Minimum rootball size for 45L stock will be 400mm Ø x 400mm deep

Original Issue
 Revisions

12/04
 Apd. Date

Scales
 NOT TO SCALE
 Dimensions in mm.

Mayor
 Chief Executive Officer
 Date

Director Assets & Infrastructure
 Drawn ME Traced ME
 Checked Approved
 Level Datum

PINE RIVERS SHIRE COUNCIL

LANDSCAPE PLANTING
 MEDIAN STRIPS AND
 ROUNDAABOUTS

File
 400/26

Min. Page

Drawing No.

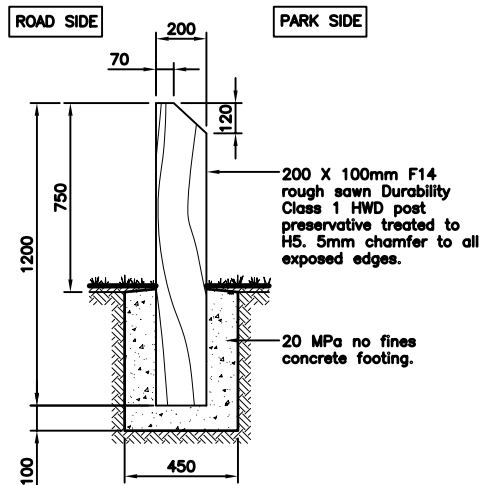
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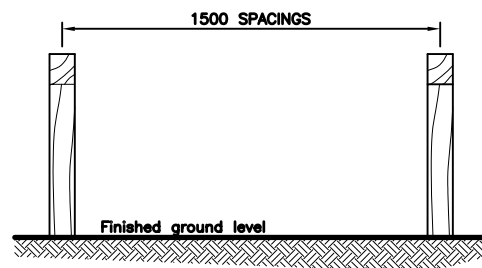
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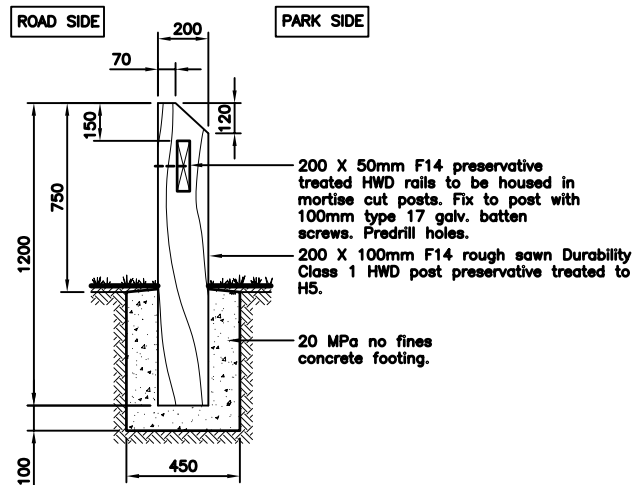


SIDE SECTION

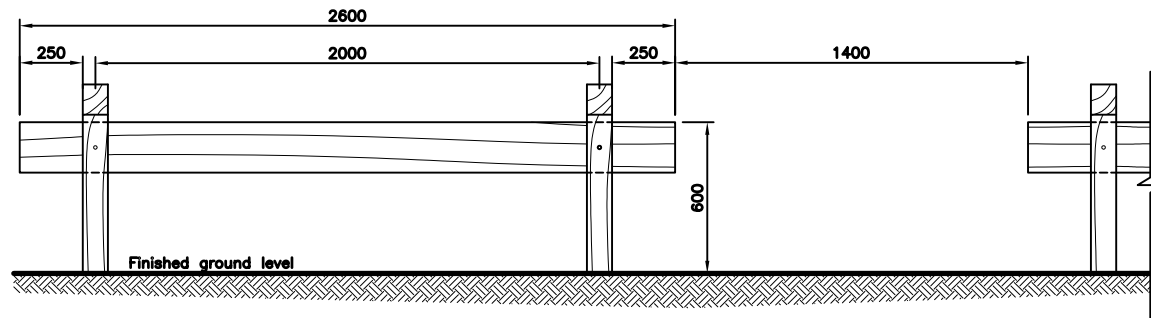


FRONT ELEVATION

HARDWOOD
TIMBER BOLLARD



SIDE SECTION



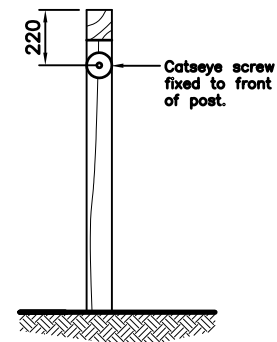
FRONT ELEVATION

HARDWOOD
TIMBER VEHICLE BARRIER

NOTES

1. Treat all exposed timber surfaces with Lanotec Lanolin Timber Seal or equivalent in accordance with manufacturer's instruction. Lanotec Ph: 3373 3700 Fax: 3373 3777
2. 5mm chamfer to all exposed timber edges.

1		2		3		4		5		6	
B		Timber Bollard and Vehicle Barrier Design Amd.		12/04		PINE RIVERS SHIRE COUNCIL		File 400/26		Min. Page	
A		Timber Bollard Detail Added Original Issue		5/97 1/96		HARDWOOD TIMBER VEHICLE BARRIER AND BOLLARD		Drawing No. 8 70003		A3	
Revisions		Apd. Date		NOT TO SCALE Dimensions in mm.		Mayor Chief Executive Officer Date		Sheet 1 of 1 Sheets		A3	



1. 160mm x 160mm Trail Marker Plate with black pictorial and 5mm width border dimensioned as shown. Background to be white or reflective white when used roadside.
2. Treat all exposed timber surfaces with Lanotec Lanolin Timber Seal or equivalent in accordance with manufacturer's instruction.

Lanotec
Ph: 3373 3700
Fax: 3373 3777

3. 5mm chamfer to all exposed timber edges.

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A	Timber Post Amd. Original Issue	12/04 9/96	Scales		Mayor	Director Assets & Infrastructure		PINE RIVERS SHIRE COUNCIL		File 400/26	Min. Page	 PINE RIVERS
			NOT TO SCALE	C.E.O.	Drawn	ME	Traced	ME	TRAIL MARKER POSTS	Drawing No.		
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						NOTES 1. 160mm x 160mm plate with black symbols and 5mm width border dimensioned as shown. Background to be white or reflective white when used roadside.																							
10mm Grid Squares at full size – Template 180mm square at full size						10mm Grid Squares at full size – Template 180mm square at full size																							
HORSE AND RIDER TEMPLATE						BICYCLE TEMPLATE																							
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Amendment of Template Original Issue		Scales NOT TO SCALE		Mayor C.E.O. Date		Director Assets & Infrastructure <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Drawn</td> <td>ME</td> <td>Traced</td> <td>ME</td> </tr> <tr> <td>Checked</td> <td></td> <td>Recomm.</td> <td></td> </tr> <tr> <td>Approved</td> <td></td> <td>F. Bk.</td> <td></td> </tr> <tr> <td colspan="4">Level Datum</td> </tr> </table>		Drawn	ME	Traced	ME	Checked		Recomm.		Approved		F. Bk.		Level Datum				PINE RIVERS SHIRE COUNCIL TRAIL MARKER POST HORSE & RIDER TEMPLATE BICYCLE TEMPLATE		File 400/26		Min. Page	
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Revisions Apd. Date		12/04 9/96				Drawing No. 8 70006		A		PINE RIVERS																			
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1		2		3		4		5		6	
A	160 12.5 12.5 160 5 10mm Grid Squares at full size – Template 180mm square at full size WALKING TEMPLATE NOTES 1. 160mm x 160mm plate with black symbol and 5mm width border dimensioned as shown. Background to be white or reflective white when used roadside.										A
B											B
C											C
D											D
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A	Amendment of Template		Scales	Mayor		Director Assets & Infrastructure		PINE RIVERS SHIRE COUNCIL		File	Min. Page
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	Revisions			Date		Checked Recomm.		WALKING TEMPLATE		Drawing No.	
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Disc						Level Datum				Sheet 4 of 4 Sheets	

NOTES:

1. Street trees are to have a minimum of 2 metre canopy clearance from ground level at time of maturity. At the discretion of the traffic engineer, advanced stock may be required to provide a minimum 1.5 metre canopy clearance from ground level at the time of installation. In commercial centres, the traffic engineer may ask for advanced stock to provide a minimum 2 metre canopy clearance from ground level at the time of installation.
2. Trees to be orientated at planting with lowest permanent fork aligned parallel with the kerb.

3. All topsoil will comply with current Australian Standards.
4. All planting is to have associated fertiliser regimes incorporated as an integrated part of the growing and planting works program.
5. All mulch is to be free of viable seed or plant material capable of sprouting and deleterious materials such as rock, soil or rubbish.
6. In commercial and retail centre development, street trees on road verges and footpaths are to be equipped with permanent automatic irrigation infrastructure in accordance with PRSC Landscape Design Policy.

NOTE:

Minimum rootball size for 45L stock will be 400mm Ø x 400mm deep

Minimum 75mm separation between mulch and trunk. Form shallow depression around top of rootball to hold water.

Min. 100mm organic mulch as specified.

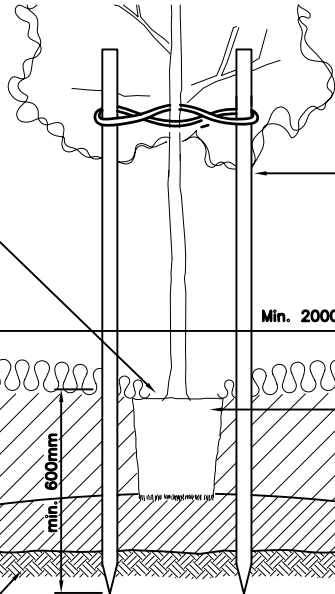
Set mulch down 25mm from top of back face of edging.

Min. 500mm

A - Rootball depth

1.5 x A

Cultivate existing subgrade 150mm deep.



2 No. 1800 x 50 x 50 HWD stakes. Drive into ground min. 600mm. Remove stakes and ties at end of maintenance period or as specified.

Min. 2000 Length x 1500 Width

Set mulch down 25mm from top of back face of kerb.

Place tree rootball on lightly compacted garden soil. Top of root ball to be 20mm below finished surface level. Backfill with premium grade garden soil around rootball.

Premium grade garden soil backfill to planting hole.

Premium grade garden soil lightly compacted in 150mm layers.

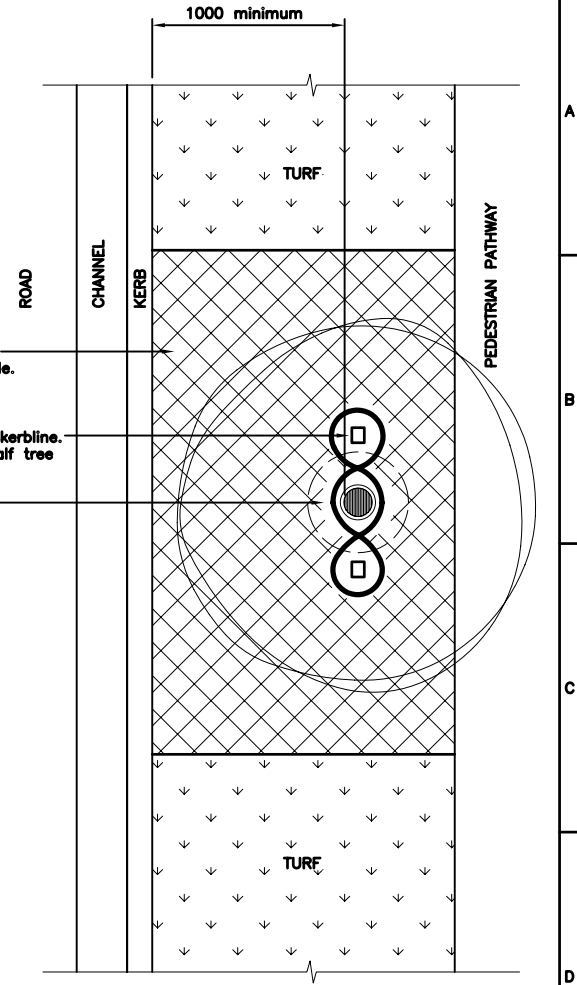
Break up sides and base of hole with crow bar to aid root penetration.

SECTION

Minimum 2000mm long x 1500mm wide planting hole.

Stakes to run parallel to kerbline. Tie with flexible ties at half tree height above ground level.

Street tree

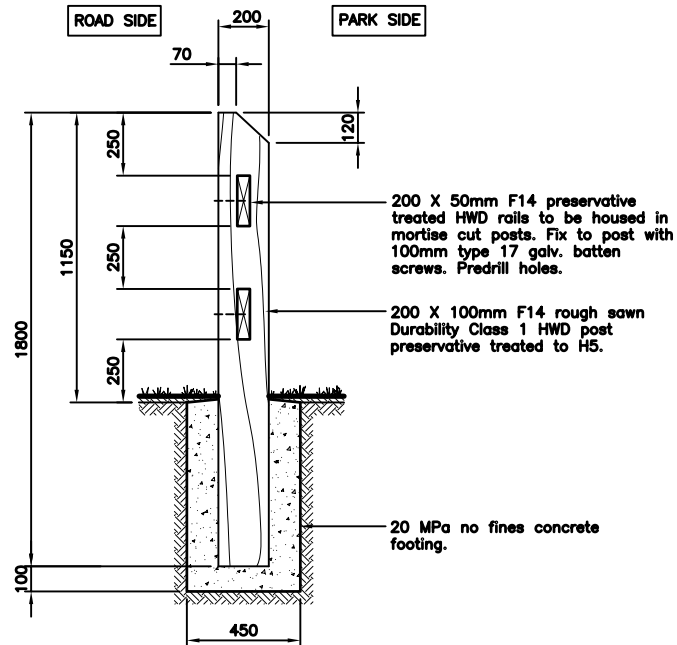


PLAN VIEW

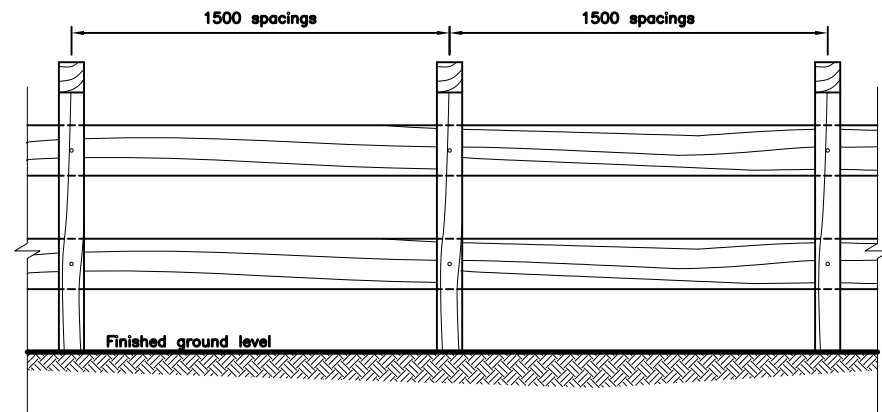
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Original Issue		02/05		Date		STREET TREE PLANTING		8		70008													
Revisions		Apd.						Sheet 1 of 1 Sheets		A3													

NOTES

1. Treat all exposed timber surfaces with Lanotec Lanolin Timber Seal or equivalent in accordance with manufacturer's instruction.
Lanotec
Ph: 3373 3700
Fax: 3373 3777
2. 5mm chamfer to all exposed timber edges.
3. Pedestrian barrier not to be used as road barrier. Set back from road edge to be in accordance with (PRSC traffic engineer.)

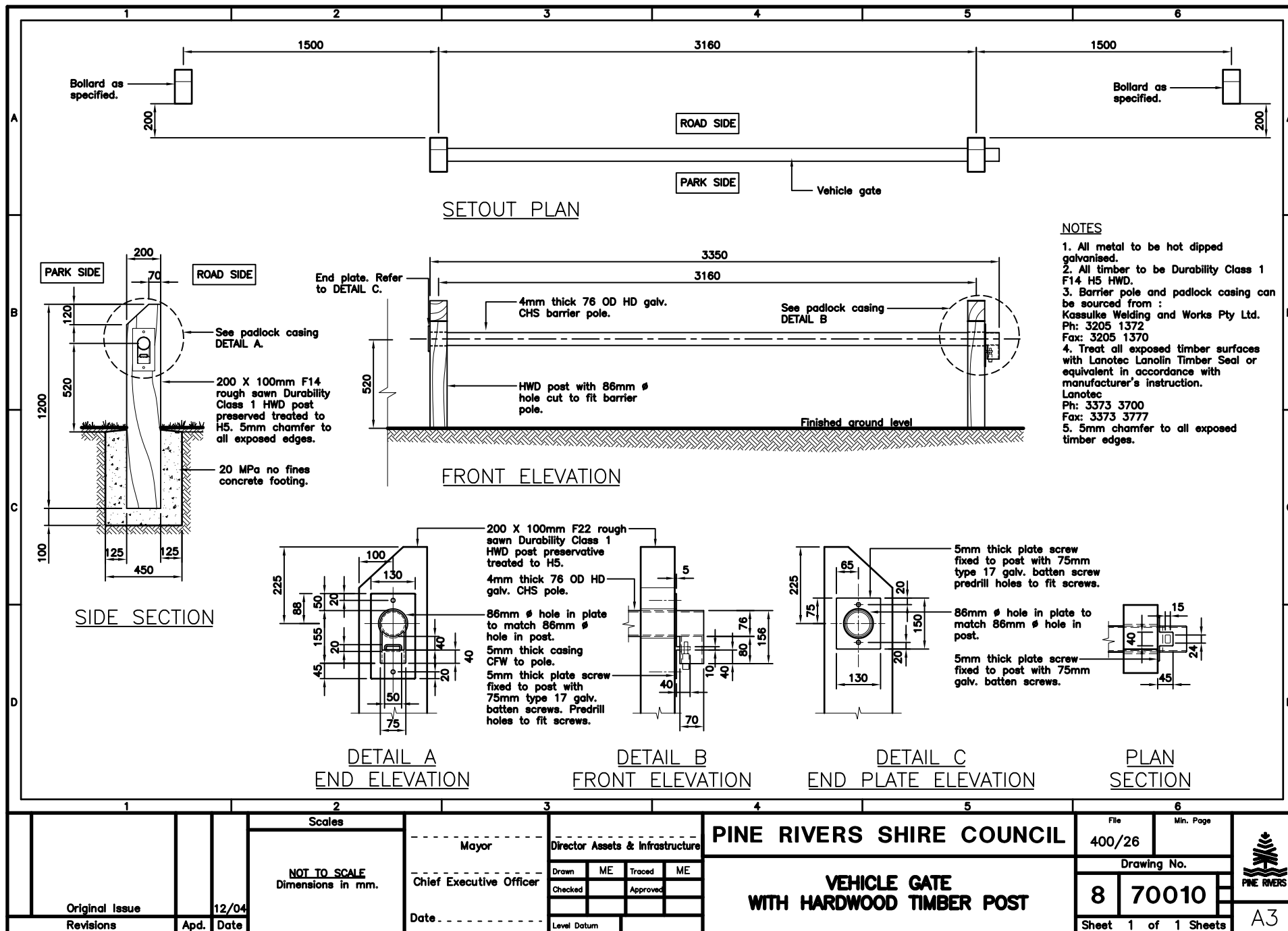


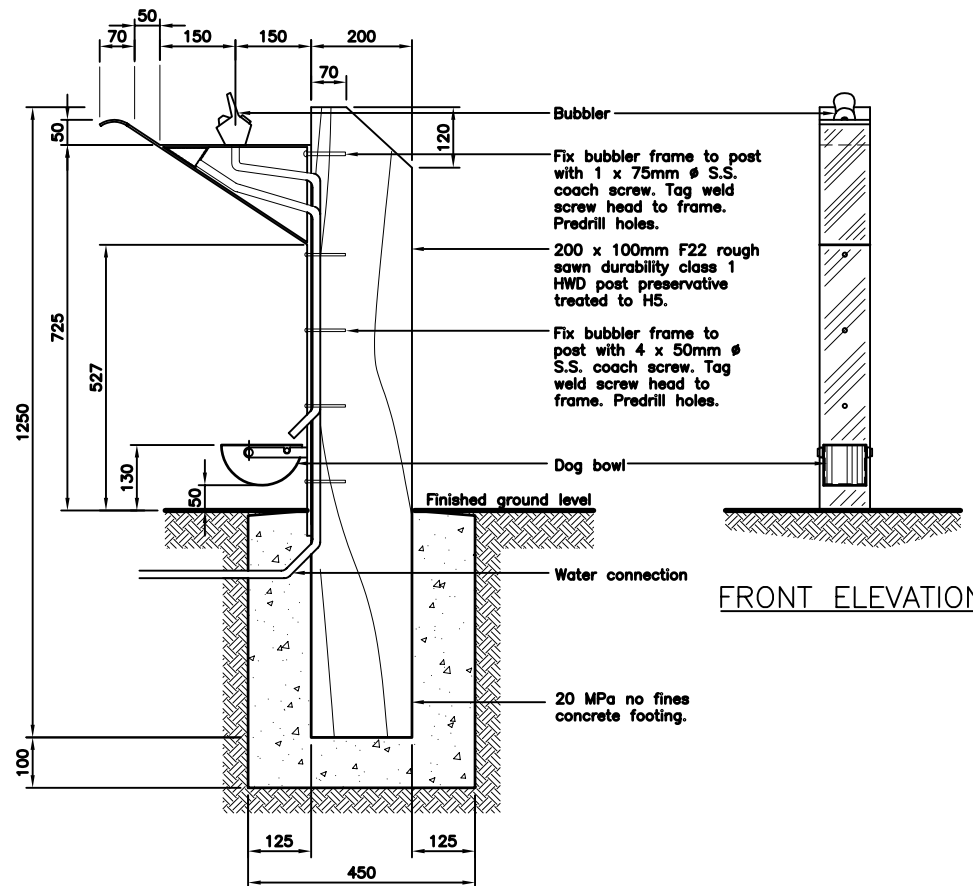
SIDE SECTION



FRONT ELEVATION

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Original Issue		12/04		Director Assets & Infrastructure		PINE RIVERS SHIRE COUNCIL		File 400/26		Min. Page	
Revisions		Apd. Date		Mayor		HARDWOOD TIMBER PEDESTRIAN BARRIER		Drawing No. 8 70009		PINE RIVERS	
		NOT TO SCALE Dimensions in mm.		Chief Executive Officer				Sheet 1 of 1 Sheets		A3	
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				Level Datum							





NOTES

- Proprietary item to be sourced from:
Kassulke Welding and Works Pty Ltd.
Ph: 3205 1372
Fax: 3205 1370
- Treat all exposed timber surfaces with Lanotec Lanolin Timber Seal or equivalent in accordance with manufacturer's instruction.
Lanotec
Ph: 3373 3700
Fax: 3373 3777
- 5mm chamfer to all exposed timber edges.

SIDE SECTION

FRONT ELEVATION

1		2		3		4		5		6	
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