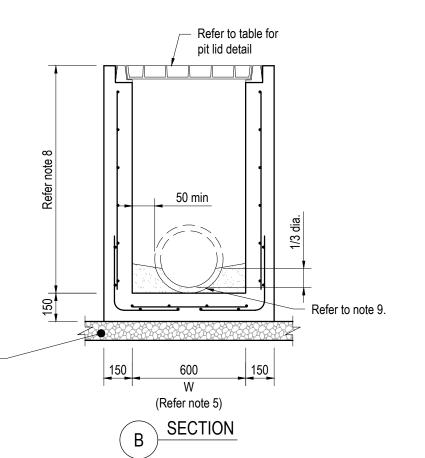


PLAN VIEW CORNER DETAILS



REINFORCEMENT DETAILS			
LENGTH OR WIDTH OF BASE (L or W)	REINFORCEMENT		
0 ≤ 1200	SL92		
1201 ≤ 1800	RL918		
1801 ≤ 2400	RL1218		

LOCATION	PIT COVER	CLASS	
Landscape (Non trafficable)	Grey coloured Terra Firma Endurotek pit lid or equivalent approved by Council with minimum 100mm concrete surrounds. G (AS3996 - 150k)		
Footpath (Non trafficable)	Grey coloured Terra Firma Endurotek pit lid or equivalent approved by Council	C (AS3996 - 150kN)	
Road (Trafficable)	R&S Grating AC-C-H9060 or equivalent approved by Council	D (AS3996 - 210kN)	

NOTES:

- 1. Drawing in millimetres unless noted otherwise.
- 2. Reinforcement with 300mm minimum lap length and placed centrally. Corner return reinforcement may be fabric or equivalent bars.
- 3. Concrete strength to be 32MPa (40MPa in marine environments) at 28 days as approved by Council and compliant with AS1379.
- 4. Pits deeper than 1000mm shall be fitted with step irons. Refer to CPP2110.
- 5. Maximum 450mm diameter pipe for 600mm wide pit. For larger pipe sizes refer to CPP2109.
- 6. Minimum fall across pit base to be 30mm.
- 7. Grout: 2 parts sand, 1 part cement and sufficient water to produce mix of suitable consistency.
- 8. Maximum depth of pit is 3600mm. For pits of greater depth, refer to unhaunched VicRoads pit standard drawing.
- 9. Shape pit invert to one third outlet pipe diameter.

	Reinforcement mesh to be placed centrally
30mm min Fall	
	 Shape invert of pit with mass concrete to provide
	smooth transition
150 900 150 L	100mm layer of compacted 20mm Class 3 FCR or Class 3 Recycled Crushed Concrete to 97% MMDD
SECTION	

Disclaimer:

The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited vary interruption of service, loss of business or anticipatory profils, or consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.

Α	APPROVED FOR USE	DEC 2020	
No	Revision	Date	

P PHILI

DRAWING NOT Approved Project So	Title	Drawing JUNCTION PIT		
Dec. 2020	Original Size	Drawing No:	CPP2101	Rev: A