



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

LOCATION	PIT COVER	CLASS
Footpath (non trafficable)	R&S Grating Heel Guard SG-L-DG-HG9060 or equivalent approved by Council with minimum 100mm concrete surrounds.	C (AS3996 - 150kN)
Landscape (non trafficable)	R&S Grating Heel Guard SG-L-DG-HG9060 or equivalent approved by Council with minimum 100mm concrete surrounds.	C (AS3996 - 150kN)
Road (trafficable)	R&S Grating Eco-Weaved SG-H-MSG-EW9060 or equivalent approved by Council	D (AS3996 - 210kN)
Laneway Channel (trafficable)	R&S Grating V Shaped Eco-Weaved SG-H-MSG-EWV9060 or equivalent approved by Council	D (AS3996 - 210kN)

NOTES:

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

A APPROVED FOR USE		DEC 2020
No	Revision	Date

Disclaimer:

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DRAWING NOT TO SCALE		Drawing Title	GRATED PIT
Approved	Project Services	Original Size	A3
Date	Dec. 2020	Drawing No:	CPP2102
			Rev: A