



| REINFORCEMENT DETAILS | |
|----------------------------------|---------------|
| LENGTH OR WIDTH OF BASE (L or W) | REINFORCEMENT |
| $0 \leq 1200$ | SL92 |
| $1201 \leq 1800$ | RL918 |
| $1801 \leq 2400$ | RL1218 |

| LOCATION | PIT COVER | CLASS |
|-----------------------------------|--|--------------------|
| Adjacent to channel (trafficable) | R&S Grating Heel Guard SG-L-DG-HG9060 or equivalent approved by Council | D (AS3996 - 210kN) |
| 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.
- Application of this pit by Council approval only.
- 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.

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| A APPROVED FOR USE | | DEC 2020 |
| No | Revision | Date |

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 to, any interruption of service, loss of business or anticipatory profits, 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.



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| DRAWING NOT TO SCALE | |
| Approved | Project Services |
| Date | Dec. 2020 |

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| Drawing Title | OFFSET GRATED PIT AT LANEWAY CHANNEL DRAIN | |
| Original Size | A3 | Drawing No: CPP2106 |
| Rev: | A | |