ROCK FILLED MATTRESS DETAIL:
- Galvanised wire or plastic coated wire mesh mattress filled with rock and securely fixed together
- Mattress to be shaped to suit inlet and outlet

- Provide geotextile under rock filled mattress
- Cross section of mattress should be "dish" shaped - see section 2
- CULVERT INLET OR OUTLET

- Low flow channel for fish where identified

- Galvanised wire or plastic coated wire mesh mattress filled with rock

- Cross section of mattress should be "dish" shaped

- Low flow channel for fish where identified

- Place turf minimum 1.5m wide behind headwall and wingwalls immediately after construction of batter to prevent scour

- Pipe or box culvert

- Length minimum 5 x pipe diameter or culvert diagonal

- Low flow channel for fish where identified

- ProjectWise QR Code

NOTES
1. For rock size refer to Roads and Maritime Services specification R55.
2. Mattress works are to address the NSW Department of Primary Industries "Policy and Guidelines for Fish Friendly Water Crossings".
3. Installation of rock mattress to be completed as soon as practicable following completion of wing walls to reduce the risk of an erosion event.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN

ENGINEERING SERVICES
ROAD POLICY, SPECIFICATIONS AND TECHNOLOGY
STANDARD DRAWING
ROAD DESIGN ENGINEERING
R0100-01
Sheet 1 of 2

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NOTES

1. FOR ROCK SIZE REFER TO ROADS AND MARITIME SERVICES SPECIFICATION R55.
2. MATTRESS WORKS ARE TO ADDRESS THE NSW DEPARTMENT OF PRIMARY INDUSTRIES "POLICY AND GUIDELINES FOR FISH FRIENDLY WATER CROSSINGS".

INSTALLATION OF ROCK MATTRESS TO BE COMPLETED AS SOON AS PRACTICABLE FOLLOWING COMPLETION OF WING WALLS TO REDUCE THE RISK OF AN EROSION EVENT.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

SEND FEEDBACK ON THIS STANDARD DRAWING TO technologystandards@rnsw.nsw.gov.au

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