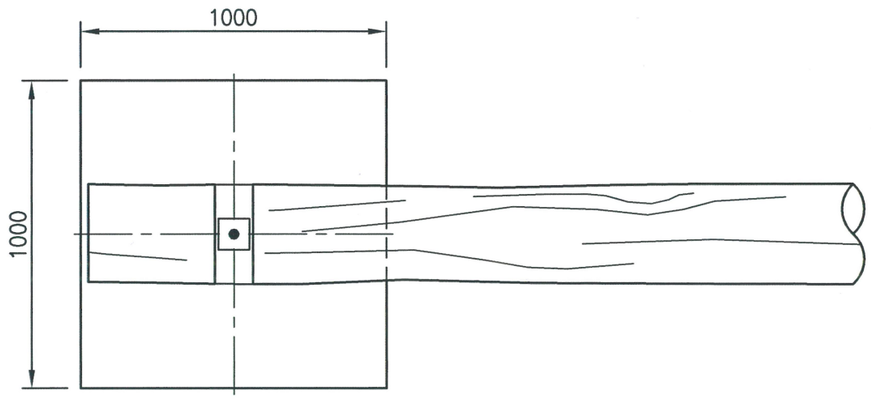
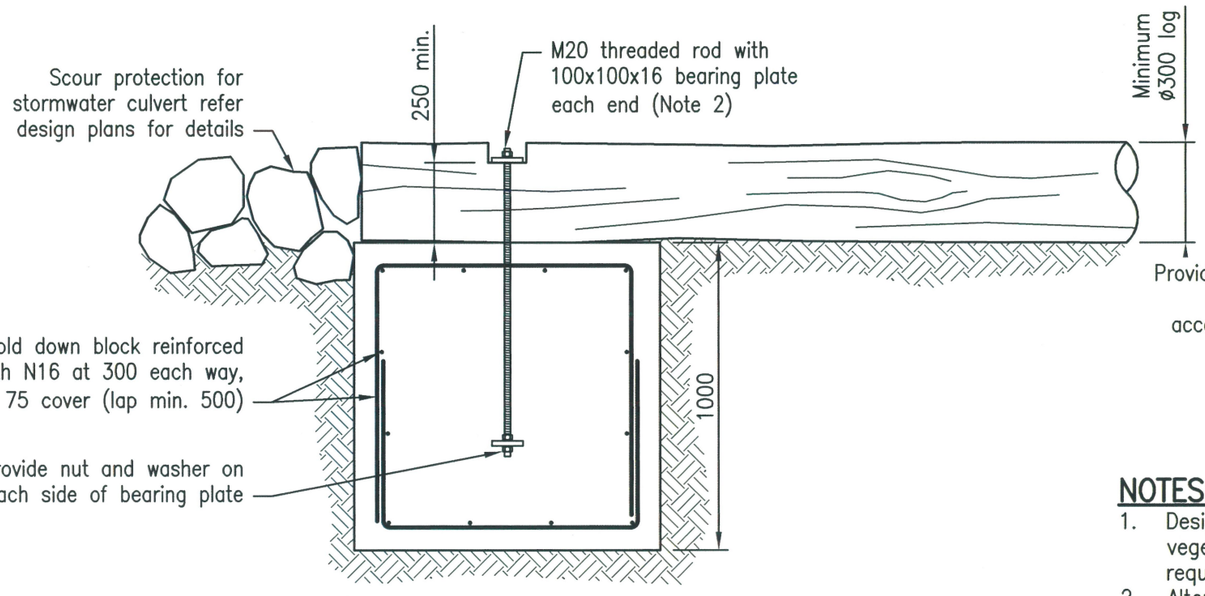


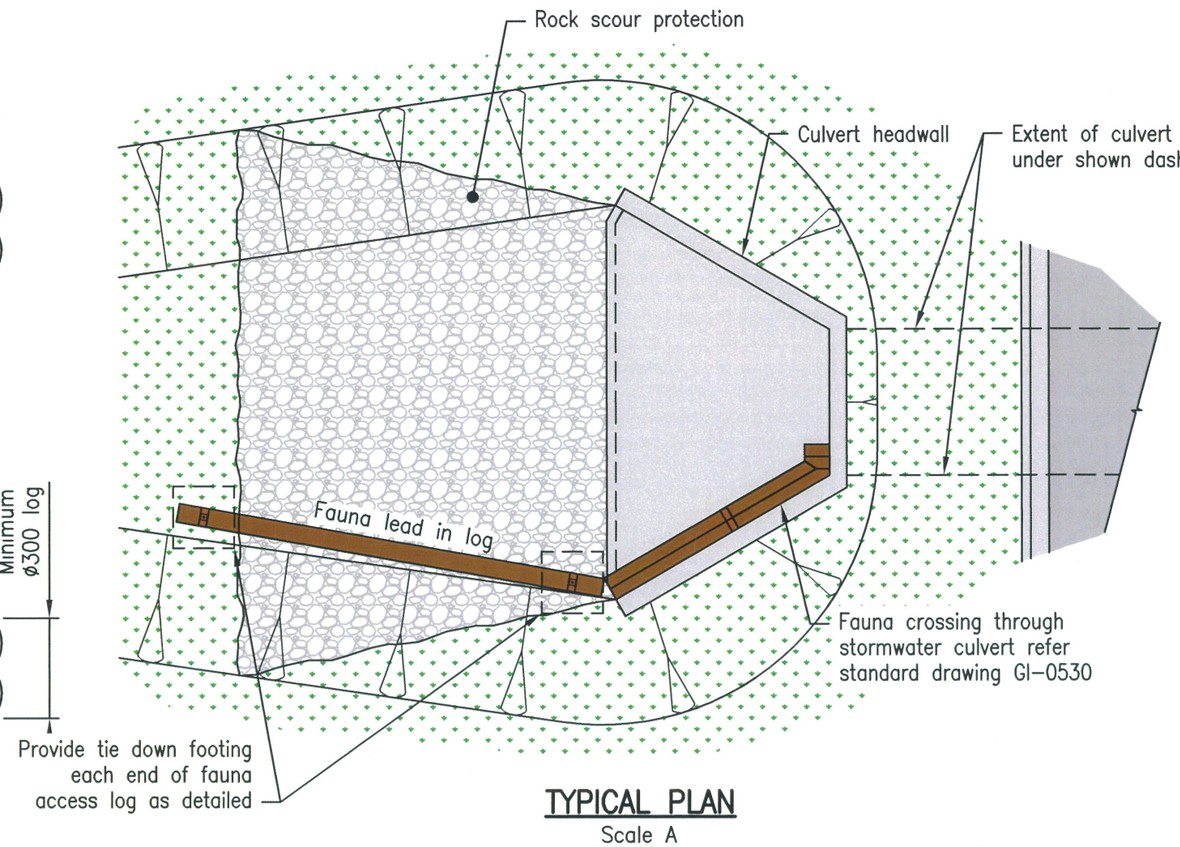
PLAN



SECTION

TIE DOWN FOOTING DETAIL

Scale B



TYPICAL PLAN

Scale A

STRUCTURAL DESIGN AS DETAILED ON THIS DRAWING SHALL BE USED AS GUIDE ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. FINAL DESIGN TO BE CERTIFIED BY A SUITABLY QUALIFIED ENGINEER

NOTES:

1. Designer to consult a wildlife ecologist or suitably experienced professional with regards to the re-use of vegetation for the purpose of fauna approach treatments. Alternative log treatment specified in note 2 not required where locally harvested vegetation is used.
2. Alternative log to be a recycled power pole or similar, minimum 300mm diameter and treated to hazard level H5 in accordance with AS1604.
3. Hold down bolts, plates, nuts and washers to be stainless steel (316 grade).
4. Concrete strength to be f'c=32MPa.
5. Where wildlife fences cross wildlife corridors, barbed wire must be avoided as native wildlife can become fatally injured and/or impaled. Where stock control is necessary the top strand must be plain wire minimum.
6. Where rock scour protection is applied design must allow for inter-planting native grasses and sedges (e.g. lomandra) to support biodiversity and create a more natural channel environment.
7. The use of sharp rocks and large areas of rock adjacent to underpasses create hostile environment for wildlife movement and can trigger avoidance behaviours in some species. Consider alternative materials/designs for scour protection wherever possible.
8. The use of lead up logs helps direct wildlife to internal crossing infrastructure (shelves / post and rail) and creates a more natural pathway where rock scour protection is unavoidable.

REVISIONS		INIT	DATE
E			
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C			
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X	ORIGINAL ISSUE	BW	07/16

SCALES

A 0mm 500 1000 1500 2000 1:100

B 0mm 100 200 300 400 1:20

Drawn	BW	Date	07/16
Coordinator	PP	Date	07/16

AUTHORISED

05/08/16

Manager Integrated Transport Planning & Design
RPEQ 6872

FAUNA CULVERT CROSSING APPROACH TREATMENT LEAD IN LOG

Moreton Bay Regional Council

DRG No. GI-0550

ORIGINAL SIZE A3

REVISION

File name: i:\User_Group\Design_Services\Projects\MBRC Standard Drawings\New MBRC Standard Drawings\02 - Green Infrastructure\GI-0550 - Fauna Culvert Crossing - Approach Treatment.dwg Date: Aug 01, 2016 - 7:34am