



TIMBER

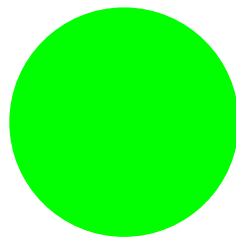
- 9.1. All timber shall be as specified in the table below
- 9.2. All timber cut ends, holes and notches shall be sealed with a creosote treatment.
- 9.3. Koala refuge poles within 3m of fauna underpass entry exit are required to be sourced from vegetation cleared for construction. If there is no suitable timber or inadequate amounts of suitable timber within cleared vegetation, timber can be sought from other locations (not from retained vegetation) for this purpose. However, seeking timber from alternative sources will only be granted once an assessment of the lack of suitable of cleared vegetation for this purpose is provided and verified by the Administrator **(HOLD POINT)**

TIMBER LOCATION	STRENGTH GROUP	DURABILITY CLASS AND PRESERVATION TREATMENT
Rope Ladder Hardwood Timber Pole	Strength Group S2, Stress Grade F27 and unseasoned in accordance with AS 3818.11	Natural Durability Class 1 or 2 and full length preservative treated with CCA and creosote to Hazard Class H6 in accordance with AS 1604.1
Rope Ladder Timber Bulkhead	Joint Group J2, Stress Grade F22 and unseasoned	Natural Durability Class 1 or 2 and treated to Hazard Class H3 in accordance with AS 1604.1.
Koala refuge pole within 3m of fauna underpass entry exit	Strength group S6 or better in accordance with AS 3818.10	Pressure impregnated with ACQ timber preservative in accordance with AS3818.10. The preservative penetration shall be in accordance with the requirements of hazard class H5 to AS1604.1 Pine logs to be preservative treated to hazard class H4 to AS1604.1 and have a durability class 4 to AS5604.

VEGETATION

- 10.1 Refer Design Package 000CILU01 for details of proposed landscaping treatments including planting and vegetation.
- 10.2. All retained trees shall be clearly marked and protected prior to commencement of any site clearing and earthworks.
- 10.3. All root zones to be kept free of construction materials and debris. Tree protection fences are to be in place during construction.
- 10.4. Roots greater than 50mm diameter should not be cut without approval.
- 10.5. Backfill or compaction of existing soil levels around tree trunks to be avoided.

LEGEND

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Connection Tree
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Timber Fauna Pole
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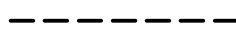
Fauna Refuge Pole
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Concrete Anchor Block and Stay Cable
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Fauna Rope Ladder
- 

Fauna Loose Rope Connection
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Existing Tree (to remain)
- 

Existing Tree (to be removed)
- 

Project Boundary
- 

1.8m high koala proof (fauna) fence (Type 1)
- 

Vegetation Line
- 

Electrical Pit
- 

Road Lighting
- 

Telecommunications
- 

Electrical Conduit Trench
- 

Surface Drain (dirty water)
- 

1.8m high koala proof (fauna) fence and giant barred frog fence
- 

1.8m high koala proof (fauna) fence and frog fence (DTMR Owned/maintained)
- 

Koala escape pole
Refer to package 100CIEW01 for details

Last Modified : - : Dec 19, 2018 - 12:37pm XREFS : - MRB_DETAIL_A1_Rev.dwg : X-28010A1-000-DBRI-00-NOTES.dwg

										DESIGN CODE AND DESIGN LOADING: AS5100-2004, AS1170.2-2011 AND TMR DESIGN CRITERIA FOR BRIDGES AND OTHER STRUCTURES										BIS No.		 Queensland Government																	
										Associated Job Nos	Survey Data		Scales	SUNSHINE COAST COUNCIL				Drawn	M. Alzate		MISCELLANEOUS STRUCTURES FAUNA CROSSING – GENERAL NOTES SHEET 2																		
											Datum	GDA94		BRUCE HIGHWAY (BRISBANE – GYMPIE)				Checked	B. Condon																				
										Auxiliary Drg Nos	Horiz. Grid	MGA94 (Z56)		CTL CHGE 58380 – 67200				Designed No.	J. Savage																				
											Height Origin	AHD Derived		Reference Points				Verified No.	E. O'Donovan 12689																				
											Survey Books	280002		Dimensions shown in millimetres except where shown otherwise				Design Reviews (RPEQ)		ENGINEERING CERTIFICATION (RPEQ)																			
A Issued For Construction												Preceding RP		Dist. to start of job (km)		From start to end of job		From end to Following RP		Following RP		Design Reviews (RPEQ)		ENG. AREA		NAME		SIGNATURE		NO.		DATE		Job No.		280/10A/1			
														13		9.02		8.92		5.6		21A		F. Ngu		Structural		E. O'Donovan		E. O'Donovan		12689		20/12/18		Contract No.		NCHD-3074	
CAD FILES C:\batch_plot\28010A1-DES-000STOS01-DRG-0007.dwg																								No. 10510 Date. 20/12/18										Drawing No.		732301 A			
																																		Series Number		GN-03 of 4			
																																		MRB_Detail (02/14)		BR Drgs 5 of 43			