

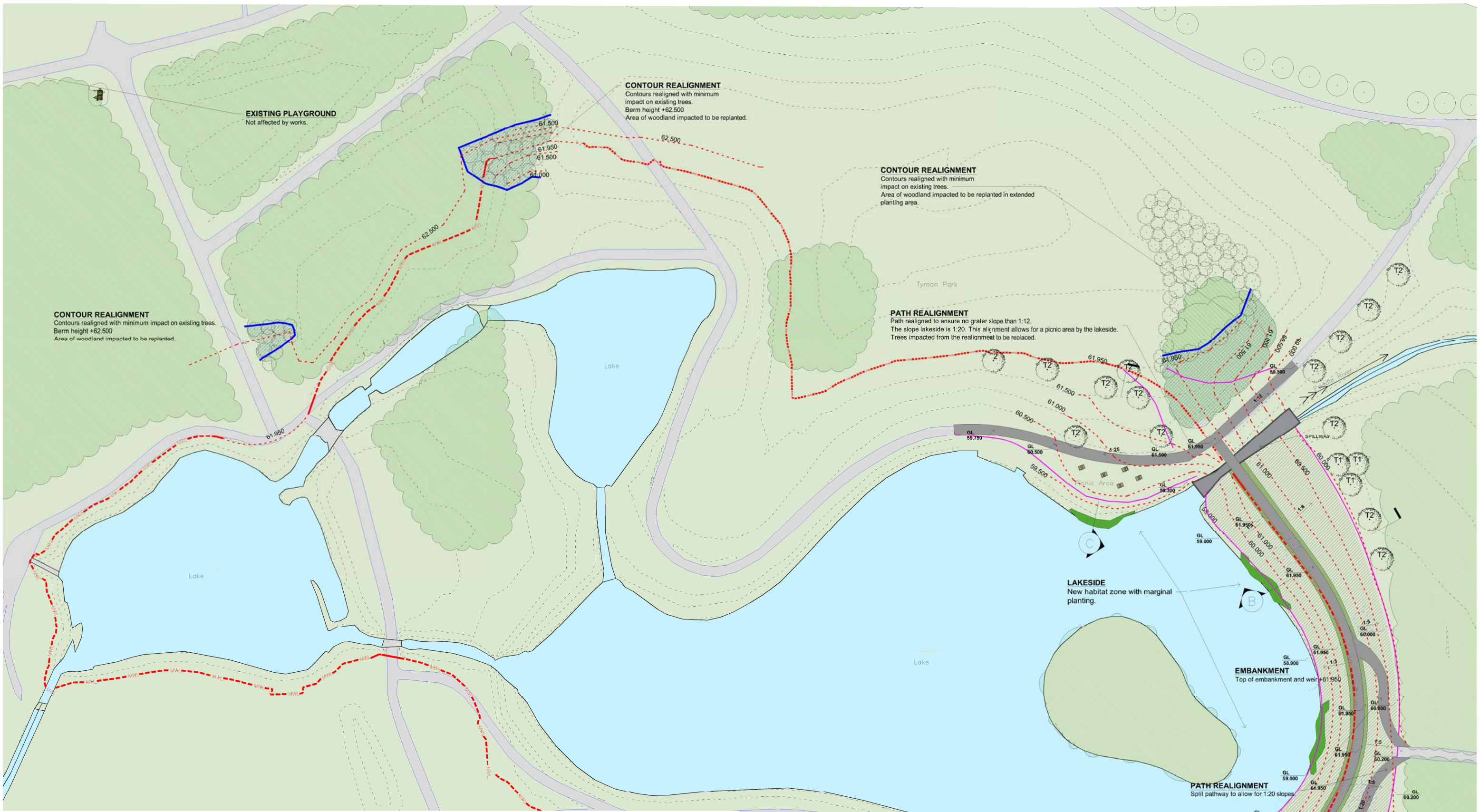


RIVER PODDLE FLOOD ALLEVIATION SCHEME

Landscape Mitigation Plan

Tymon Park and Tymon Lake

FEBRUARY 2020



REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

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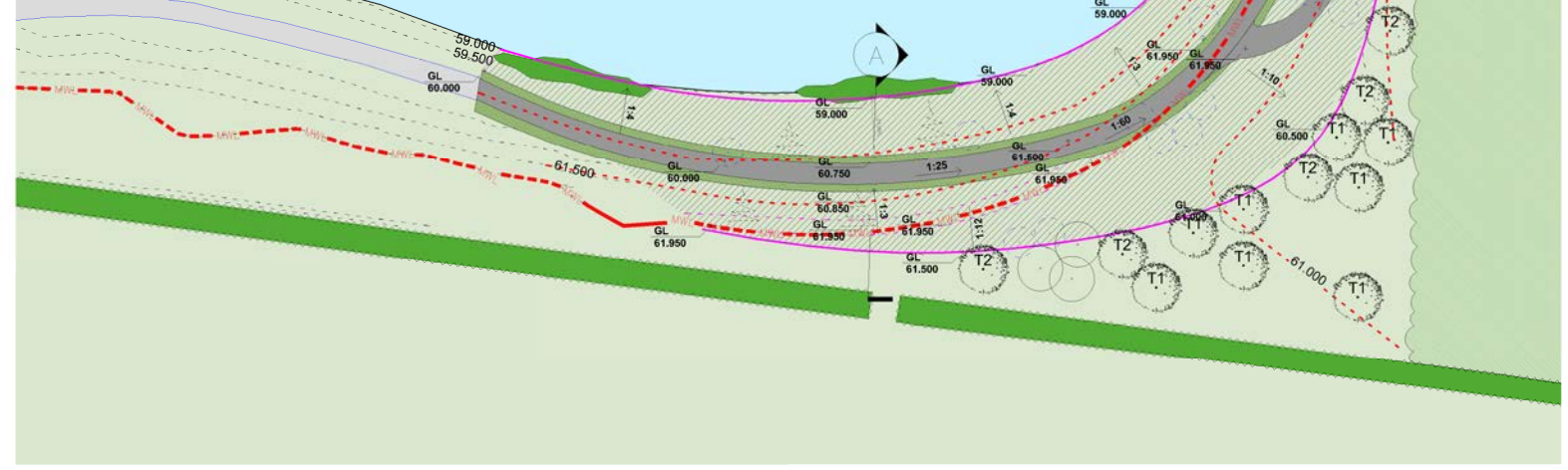
PROJECT:	DATE:	Aug-19
RIVER PODDLE FLOOD ALLEVIATION SCHEME	SCALE:	1:500@A1
DRAWING:	DRAWN:	PE
TYMON LAKE LANDSCAPE MITIGATION PLAN	CHECKED:	DOL
	DRAWING NO:	19110-1-101

LEGEND

	Existing specimen trees 22 No impacted by works		Existing trees No impact		Proposed replacement specimen tree planting - 30 No T1 Castanea sativa 16-18cm girth, 4.6m ht. 11 no. T2 Quercus petraea 16-18cm girth, 4.6m ht. 19 no.
	Existing woodland		Existing woodland impacted by embankment Area = 1022m ²		Proposed woodland planting - 1075m² Feathered Trees - B/R 2 Xtr, 2.1 - 2.5 m/ht @ 3m centers Ainus incana - 20% Betula pendula - 40% Fagus sylvatica - 10% Fraxinus excelsior (if permitted) - 20% Quercus petraea - 20% Sorbus aria - 10% Whips - B/R, 1x1, 60-90cm H @ 2m² in groups of 5-15 Cornus sanguinea - 10% Crataegus monogyna - 20% Ilex aquifolium - 15% Ligustrum vulgare - 10% Prunus spinosa - 15% Rosa canina - 10% Viburnum opulus - 20%
	Existing paths		Realigned paths		Embankment 1:3 slope sea-side Extending to 1:4 where feasible
	Existing contours		Contour realignment		Existing hedge
	Maximum water level +61.950		Picnic tables		Marginal planting - 218m ²

Reinstatement of Meadows:

- Carefully lift top 150mm of existing turf / topsoil and store in banks no more than 1m high.
- Following construction of embankments and new land form with subsoil / clay etc, stored topsoil to be redistributed, cultivated and graded at 50 - 150mm depth to a suitable till across new landform. Soil seed bank and remnant plants to be allowed regenerate to form new species rich sward and adopted into meadow maintenance regime.



CAD REFERENCE: S:\Projects\2019\19110_Poddle.dwg\CSR.dwg\19110-1-100_LIMP.dwg



LEGEND

- Existing trees - 25% Impacted by works
- Existing woodland
- Existing paths
- Embankment
- Existing contours
- Existing trees
- Realigned paths
- Contour realignment

Proposed replacement specimen tree planting - 62 No

- T3 Ulmus 'Lobell' 16-18cm girth, 4.6m ht, 19 no.
- T4 Tilia cordata 16-18cm girth, 4.6m ht, 31 no.
- T5 Quercus petraea 16-18cm girth, 4.6m ht, 3 no.
- T6 Alnus glutinosa 16-18cm girth, 4.6m ht, 9 no.

PROPOSED TREES
 Linear tree planting along boundary to replace trees impacted by wetland construction.

PATH REALIGNMENT

Proposed wetland

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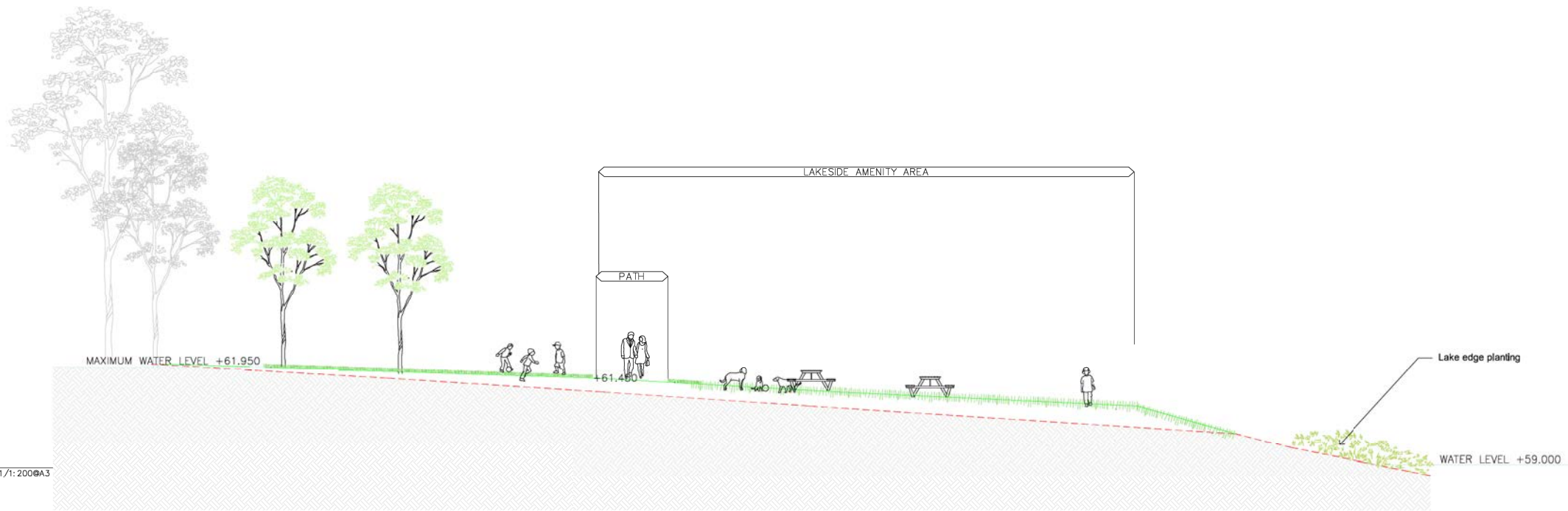
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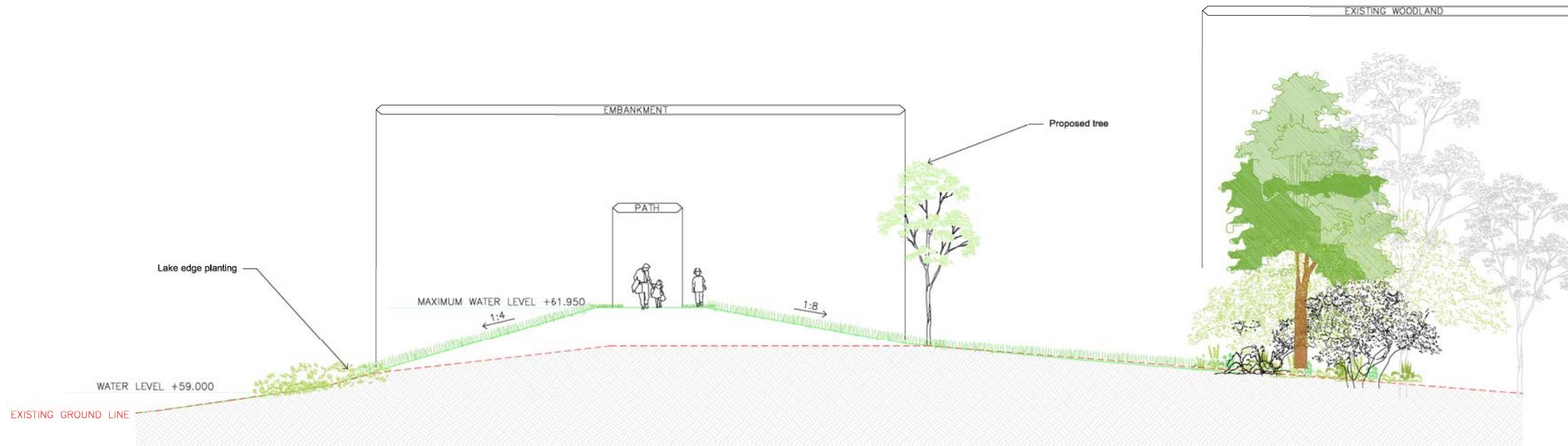
PROJECT: RIVER PODDLE FLOOD ALLEVIATION SCHEME	DATE: Aug-19
DRAWING: PROPOSED WETLAND TYMON LANDSCAPE MITIGATION PLAN	SCALE: 1:500@A1
DRAWN: PE	CHECKED: DOL
DRAWING NO: 19110-1-102	DRAWING NO: 19110-1-102

CAD REFERENCE: S:\Projects\2019\19110 Poddle.dwg\CSR.dwg\19110-1-100 LMP.dwg

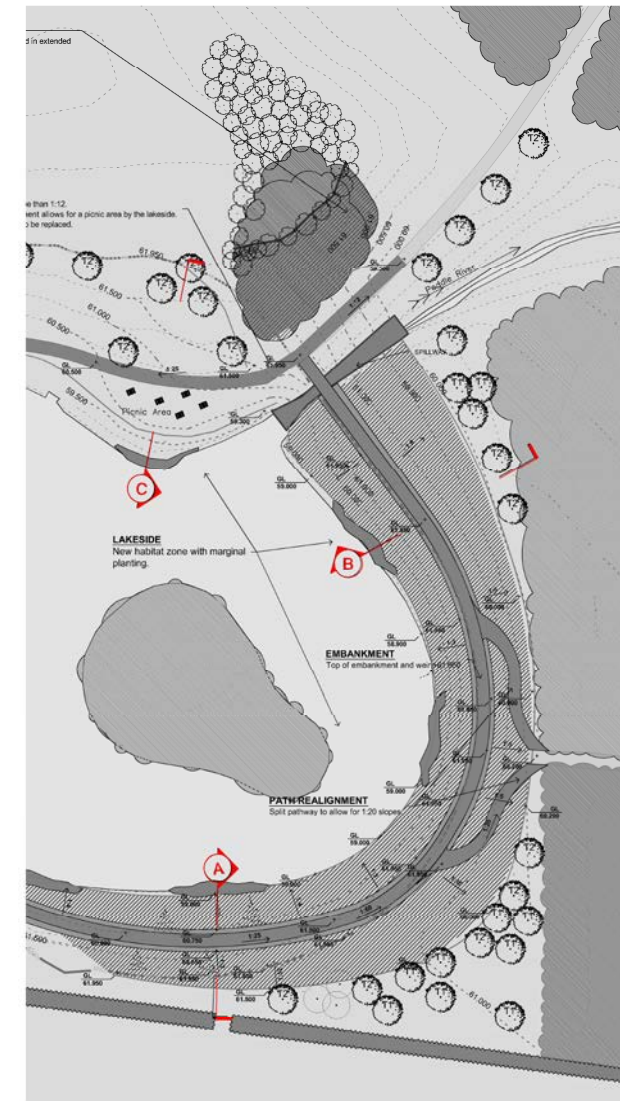
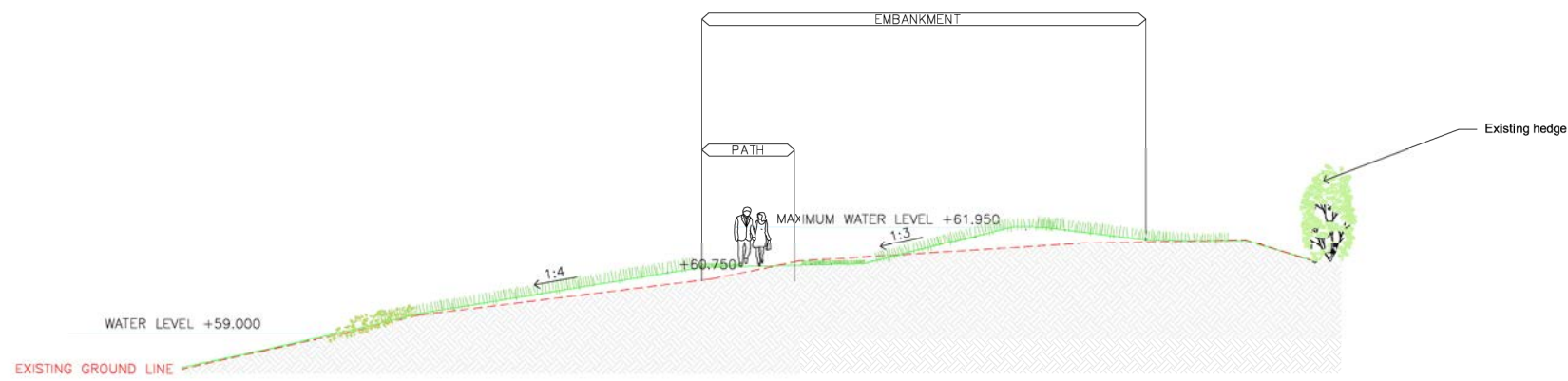
S3 SECTION C
SCALE: 1:100@A1/1:200@A3



S2 SECTION B
SCALE: 1:100@A1/1:200@A3



S1 SECTION A
SCALE: 1:100@A1/1:200@A3



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PROJECT: RIVER PODDLE FLOOD ALLEVIATION SCHEME	DATE: Aug-19
DRAWING: TYMON LAKE LANDSCAPE MITIGATION - SECTIONS	SCALE: 1:100@A1
	DRAWN: PE
	CHECKED: DOL
	DRAWING NO: 19110-1-201

CAD REFERENCE: S:\Projects\2019\19110_Poddle\dwgs\CSR.dwg\19110-1-200_Sections.dwg