

RIVER PODDLE FLOOD ALLEVIATION SCHEME

Landscape Mitigation Plan

Ravensdale Park

FEBRUARY 2020



LEGEND

 Existing Trees

 Riparian vegetation

 River Poddle

 Existing path

 Concrete wall

 Brickwall

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

DUBLIN OFFICE
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PROJECT:
RIVER PODDLE FLOOD
ALLEVIATION SCHEME

DRAWING:
RAVENSDALE PARK,
EXISTING LAYOUT

DATE: AUGUST 2019

SCALE: 1:250@A2

DRAWN: GB
CHECKED: DOL

DRAWING NO: 19110-1-110

REV DATE AMENDMENT

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FOR DETAILS OF EXISTING TREE SPECIES AND CONDITION SEE ARBORIST REPORT



LEGEND

- Existing Trees to be retained

Existing Trees to be removed
Refer to dwg: 1950-T-103

T844: *Tilia cordata*
T850: *Tilia cordata*
T851: *Tilia cordata*
T852: *Tilia cordata*
T853: *Acer platanoides*
T855: *Acer platanoides*

Proposed Specimen Trees
Tilia cordata "Greenspire" n. 1,
2 m clear stem, 18-20 cm girth, 4-6 m ht.

Riparian vegetation

River Poddle

Reconstructed path in
ground concrete finish

New paved seating
area/focal point

Existing path

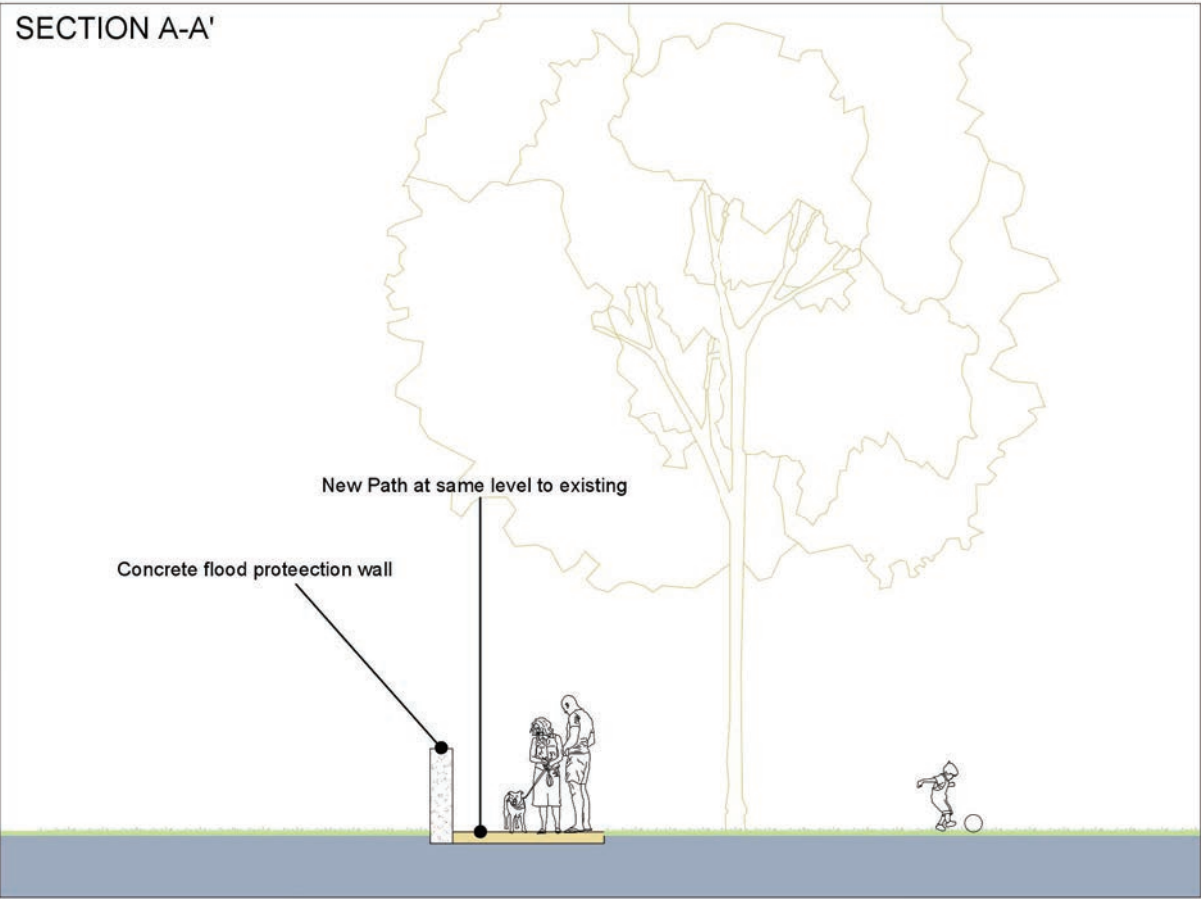
New concrete flood protection wall
Wall height varies from 200 - 1500 mm

Flood wall reconfigured (seat wall)
Defining a diagonal axis through the park

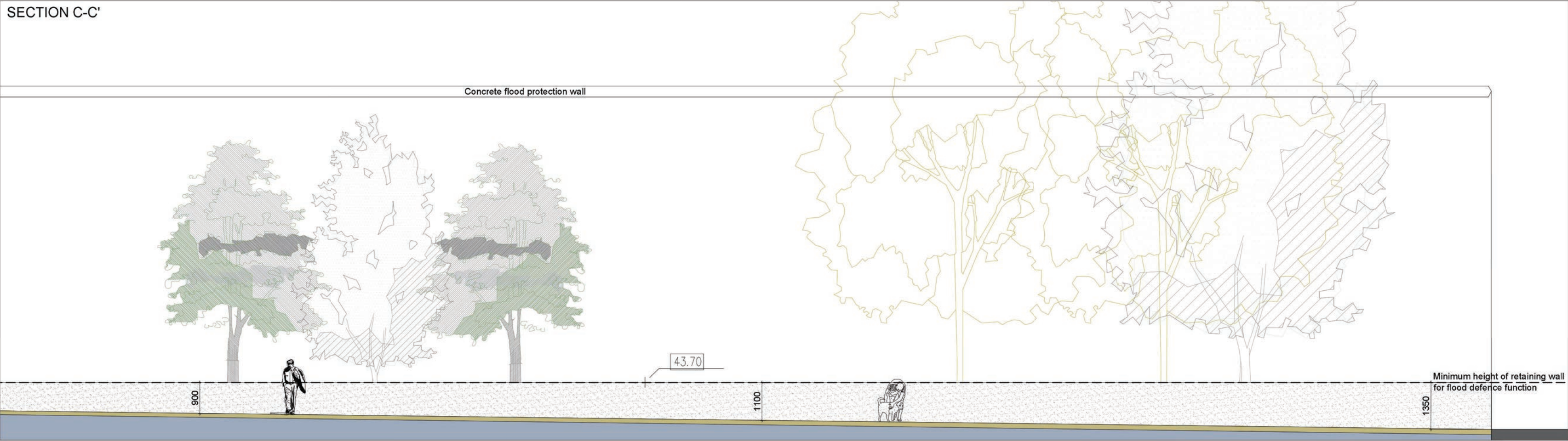
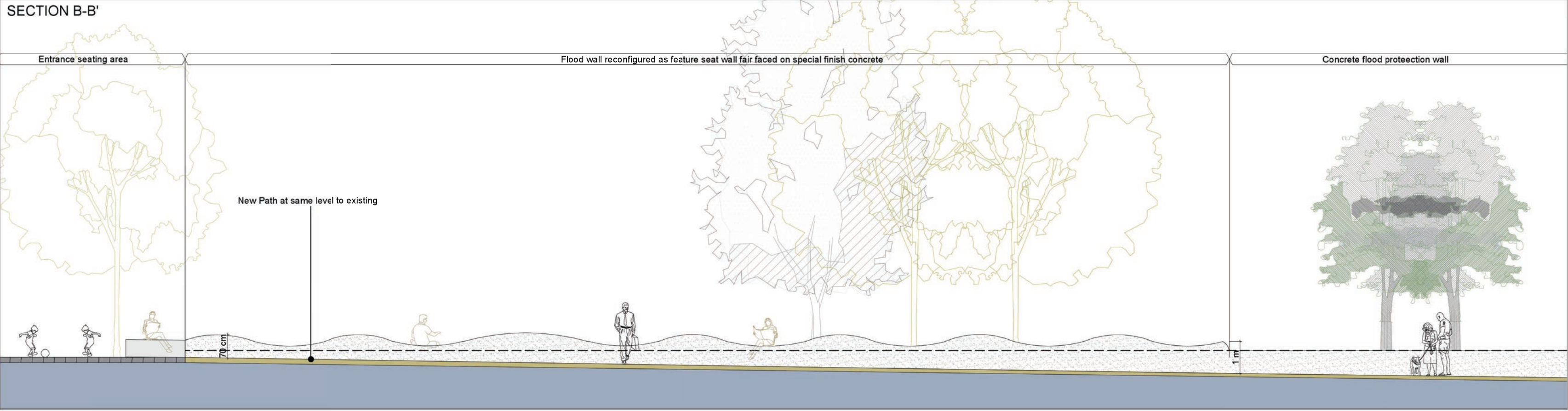
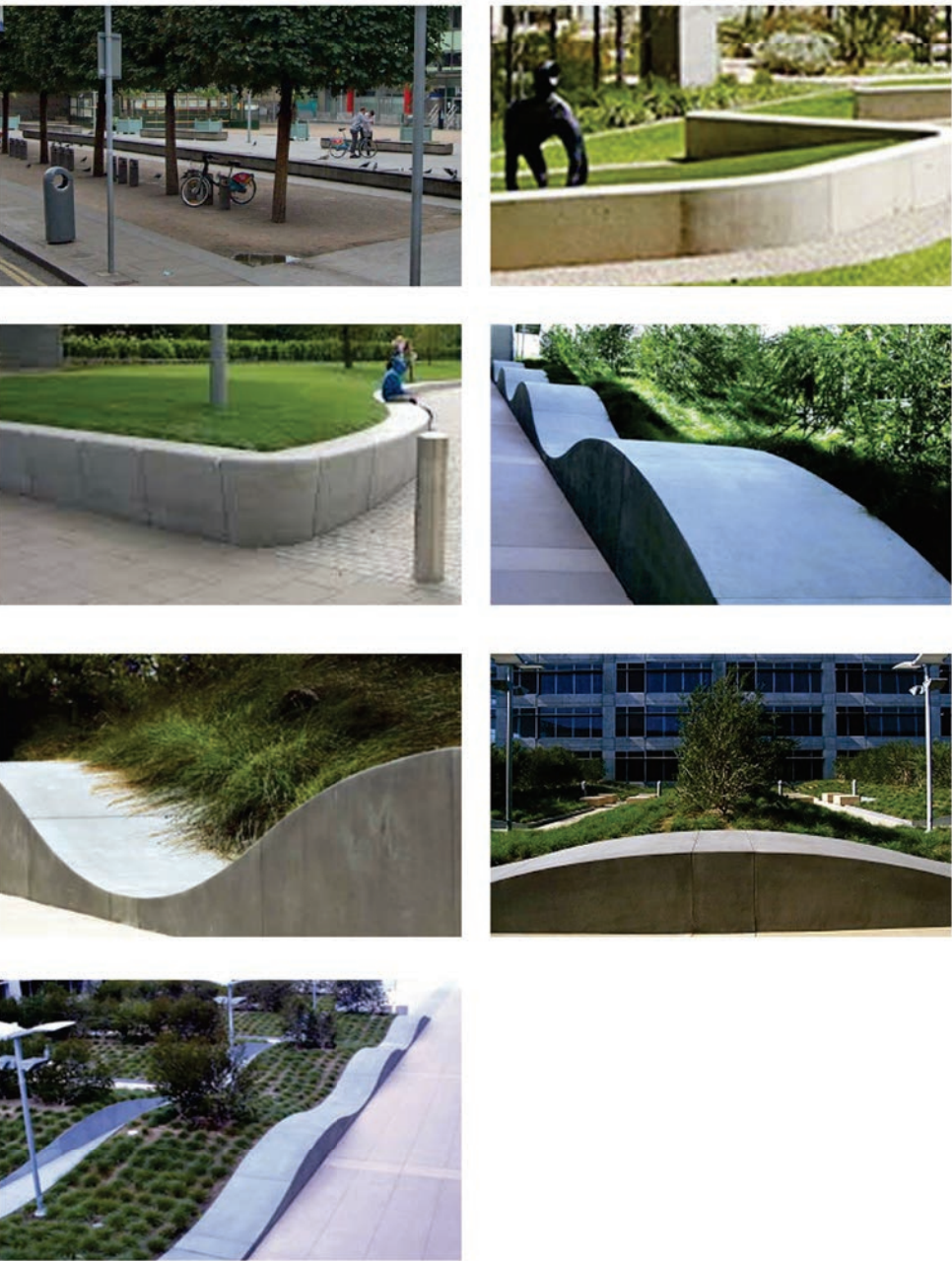
Existing Concrete wall

Existing Brickwall
- CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN
- DUBLIN OFFICE
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- PROJECT:
RIVER PADDLE FLOOD
ALLEVIATION SCHEME

DRAWING:
RAVENSDALE PARK,
LANDSCAPE MITIGATION PLAN
- | A | 09/12/2019 | New Layout |
|-----|------------|------------|
| REV | DATE | AMENDMENT |
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- | | |
|-------------|-------------|
| DATE: | AUGUST 2019 |
| SCALE: | 1:250@A2 |
| DRAWN: | GB |
| CHECKED: | DOL |
| DRAWING NO: | 19110-1-111 |



REFERENCE IMAGES



REV	DATE	AMENDMENT
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PROJECT: RIVER PODDLE FLOOD ALLEVIATION SCHEME	DATE: AUGUST 2019
DRAWING: RAVENSDALE PARK, SEATING WALL ELEVATION	SCALE: 1:100@A2
	DRAWN: CHECKED: GB DOL
	DRAWING NO: 19110-1-112

RIVER PODDLE FLOOD ALLEVIATION SCHEME

Landscape Mitigation Plan

St. Martin's Drive

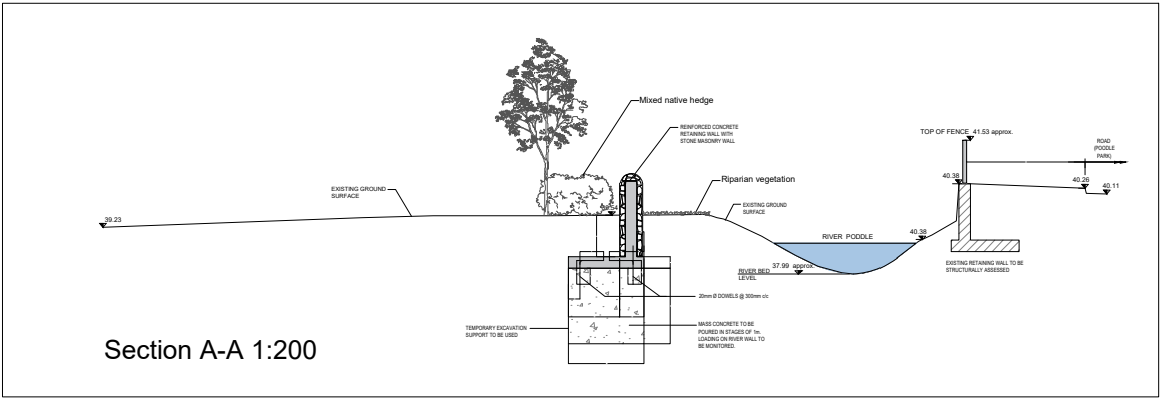
FEBRUARY 2020



LEGEND

- Existing Trees to be retained
- Understory shrub layer
Ilex aquifolium
Viburnum opulus
- Riparian vegetation
- River Poddle
- Existing path
- New concrete flood protection wall
- Mixed native hedge
- Proposed replacement tree planting

Plant Schedule:				
Replacement specimen trees				
Abv	Tree species	Size	Form	Quantity
T1	Alnus glutinosa	14- 16cm girth	Bare root	6
T2	Betula pubescens	14- 16cm girth	Bare root	3
T3	Betula pendula	12- 14cm girth	Bare root	4
T4	Quercus robur	25- 30cm girth	Rootball	3
T5	Sorbus aria Majestica	18- 20cm girth	Bare root	3
T6	Sorbus aucuparia Sheerwater seedling	18- 20cm girth	Bare root	4
Understory layer shrub planting				
Abv	Shrub species	Size	Density	Quantity
Ia	30% Ilex aquifolium	3 litre	1 plant/1sqm	33no
Vo	70% Viburnum opulus	2 litre	1 plant/1sqm	75no
Mixed native hedgerow planting				
Species		Size	Form	Density
50% Crataegus monogyna		60- 90cm	Bareroot whip	4/metre
25% Rosa canina		60- 90cm	Bareroot whip	4/metre
25% Ilex quifolium		3 Litre Container grown shrub		3/metre



REV	DATE	AMENDMENT
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PROJECT: RIVER PODDLE FLOOD ALLEVIATION SCHEME	DATE:	DECEMBER 2019
	SCALE:	1:500 @ A3
	DRAWN: CHECKED:	LS KM
	DRAWING NO:	19110-1-120

RIVER PODDLE FLOOD ALLEVIATION SCHEME

Landscape Mitigation Plan

Tymon Park and Tymon Lake

FEBRUARY 2020



LEGEND

Existing trees - 25No
Impacted by works

Existing woodland

Existing paths

Embankment

Existing contours

Existing trees

Realligned paths

Contour reallignment

Proposed replacement specimen tree planting - 62 No
T3 Ulmus "Lobeli" 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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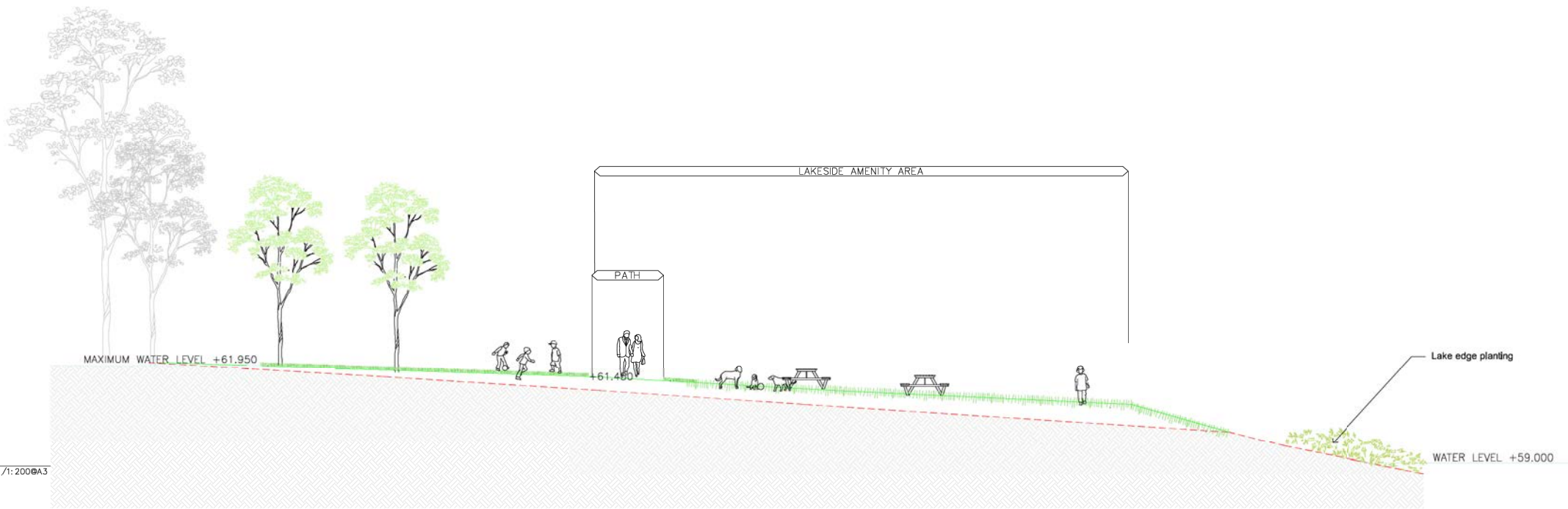


PROJECT:
RIVER PODDLE FLOOD
ALLEVIATION SCHEME

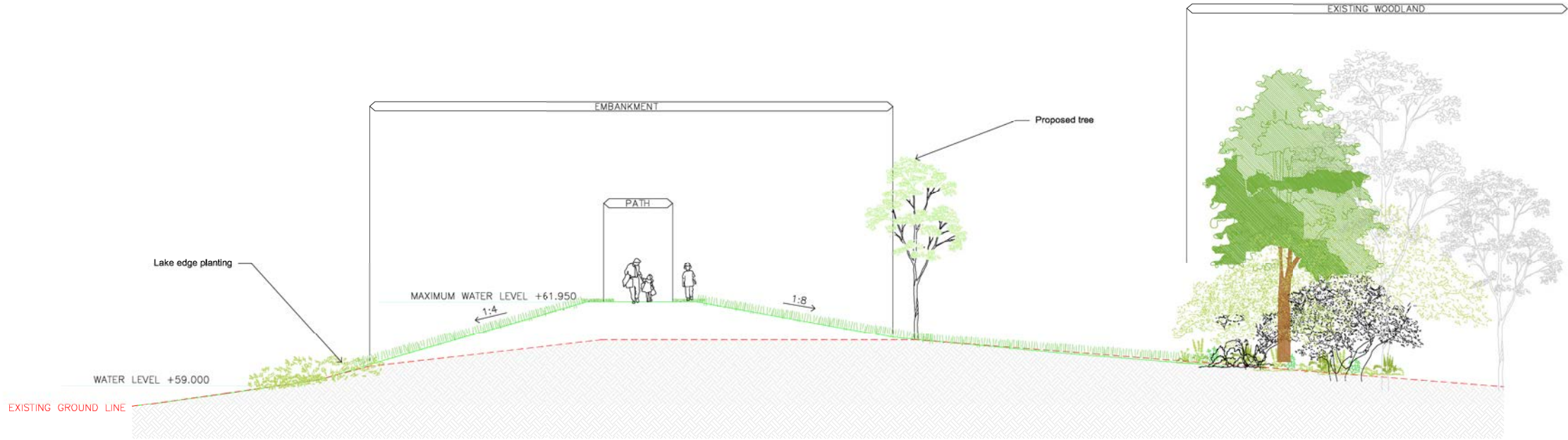
DRAWING:
PROPOSED WETLAND TYMON
LANDSCAPE MITIGATION PLAN

DATE:	Aug-19
SCALE:	1:500@A1
DRAWN: CHECKED:	PE DOL
DRAWING NO:	19110-1-102

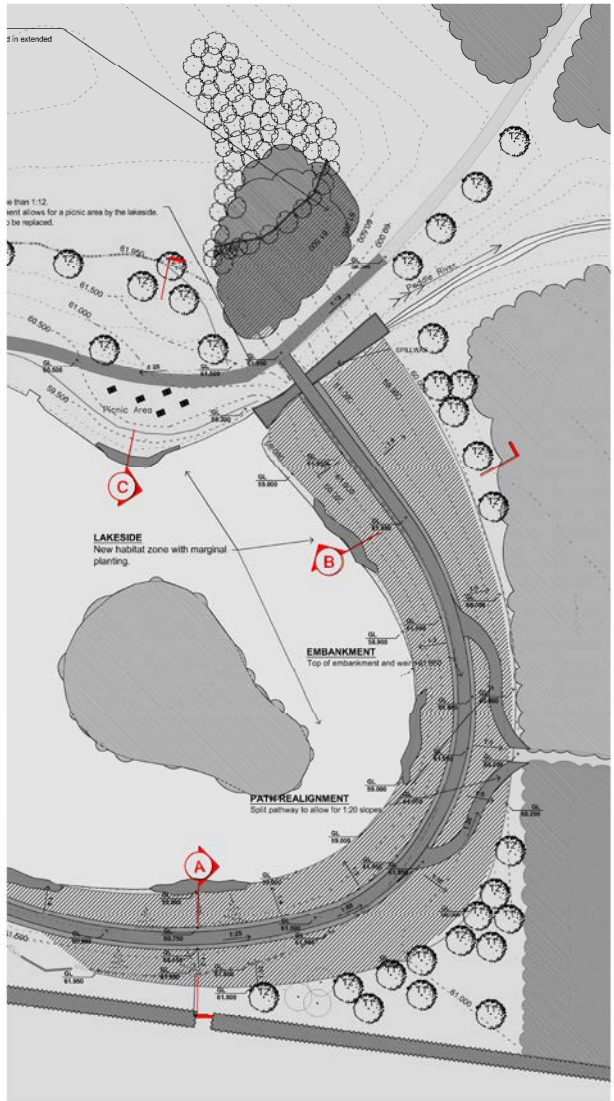
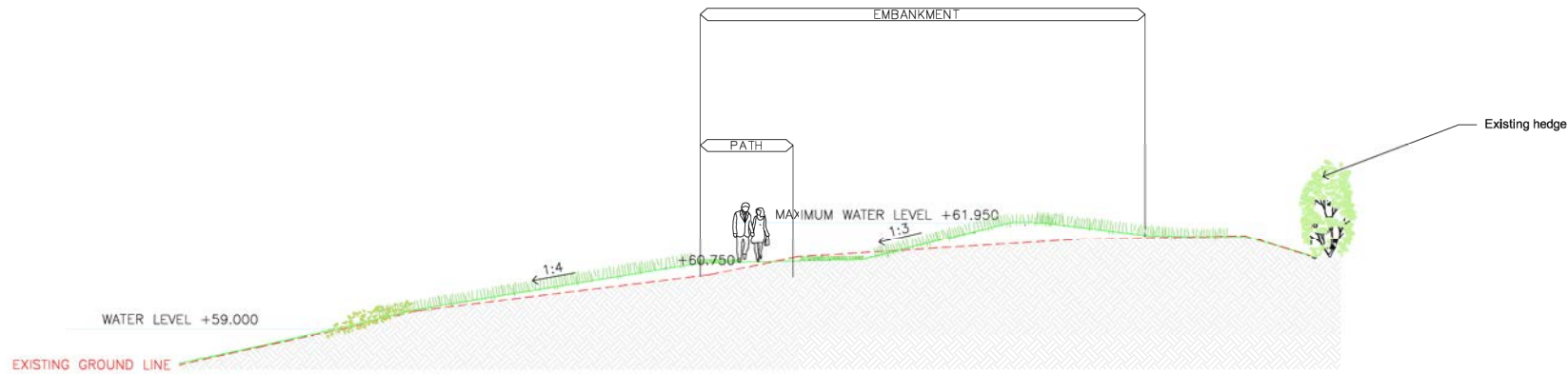
S3 SECTION C
SCALE: 1:100@A1/1:200@A3



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: CHECKED: PE DOL
	DRAWING NO: 19110-1-201