

# **WHITECHURCH STREAM FLOOD ALLEVIATION SCHEME**

**Planning Application in accordance with Section 177AE  
of the Planning & Development Act 2000 (As Amended)**

**PLANNING APPLICATION DRAWINGS**

**August 2020**

# WHITECHURCH FLOOD ALLEVIATION SCHEME

## Planning Application Drawings

(Issue for Stage Approval - S4 P01)

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#### CROSS SECTIONS - EXISTING

DR0101	Existing Cross Sections - Set "WC01 to WC05" / 3D Model Data
DR0102	Existing Cross Sections - Set "WC06 to WC011" / 3D Model Data
DR0103	Existing Cross Sections - Set "WC12 to WC18" / 3D Model Data
DR0104	Existing Cross Sections - Set "WC19 to WC26" / 3D Model Data

#### CROSS SECTIONS - DETAILED

DR0111	Detailed Proposed Works Sections - Set 1
DR0112	Detailed Proposed Works Sections - Set 2
DR0113	Detailed Proposed Works Sections - Set 3
DR0114	Detailed Proposed Works Sections - Set 4

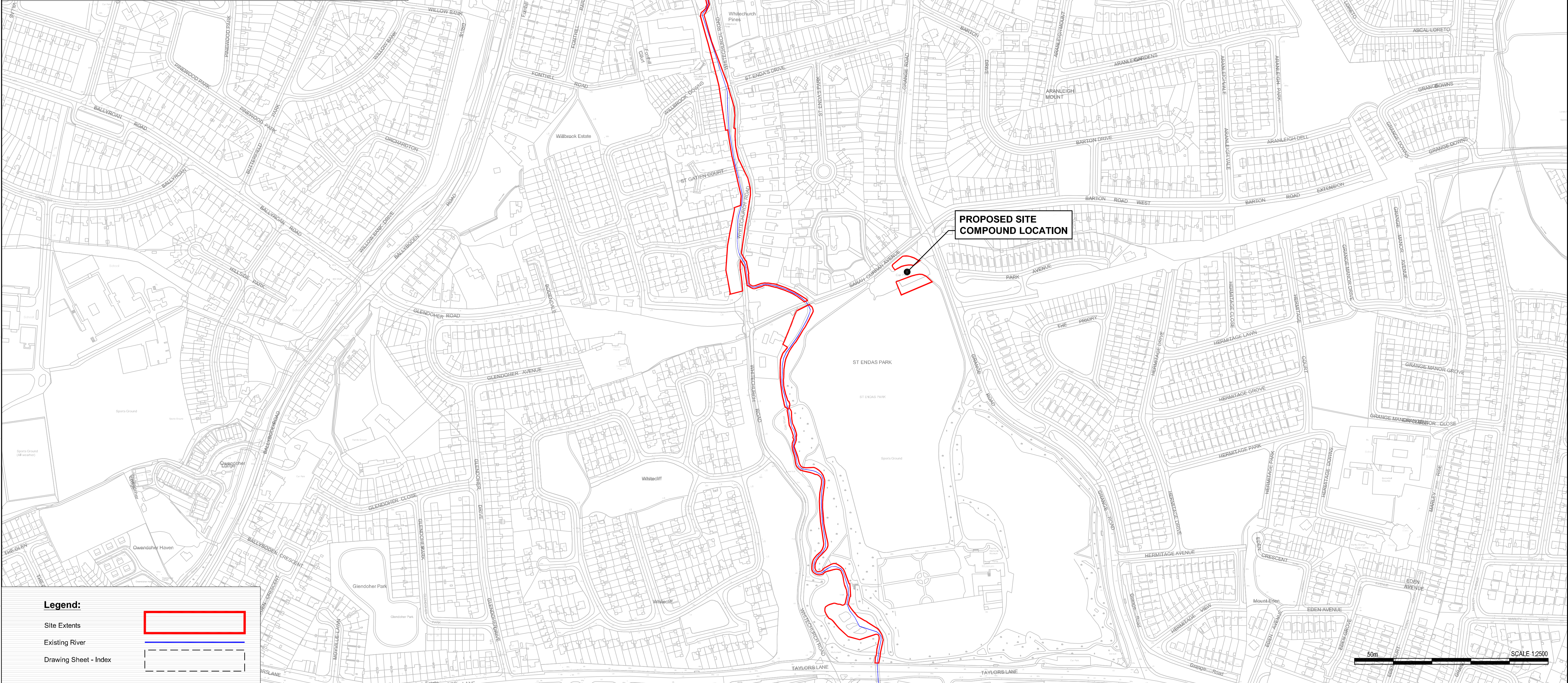
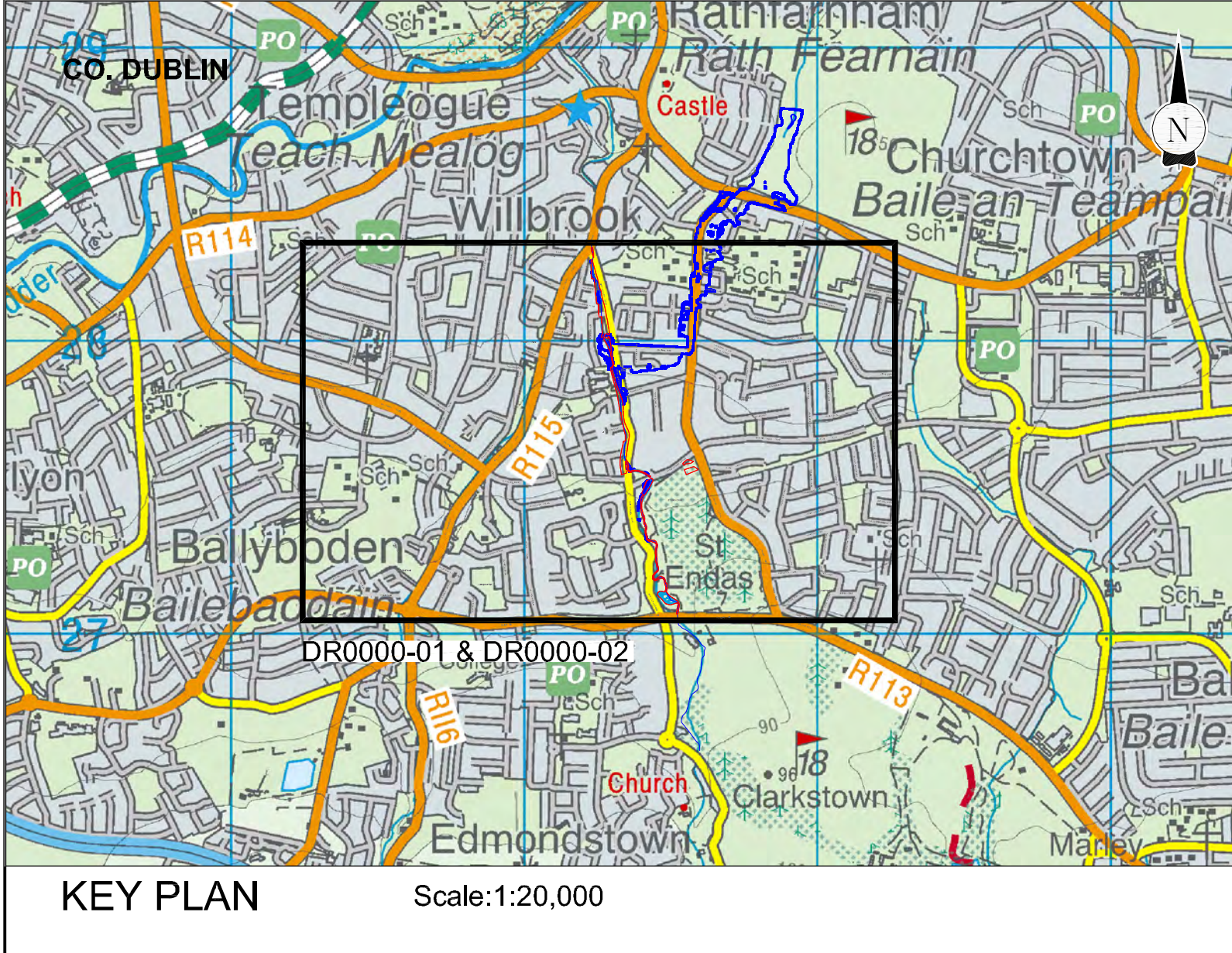
#### LONG SECTIONS - WHITECHURCH STREAM PROFILE

DR0131	Whitechurch Stream Profile - Sheet 1 of 1
DR0132	Whitechurch Stream Profile - Sheet 1 of 2

#### DETAILS

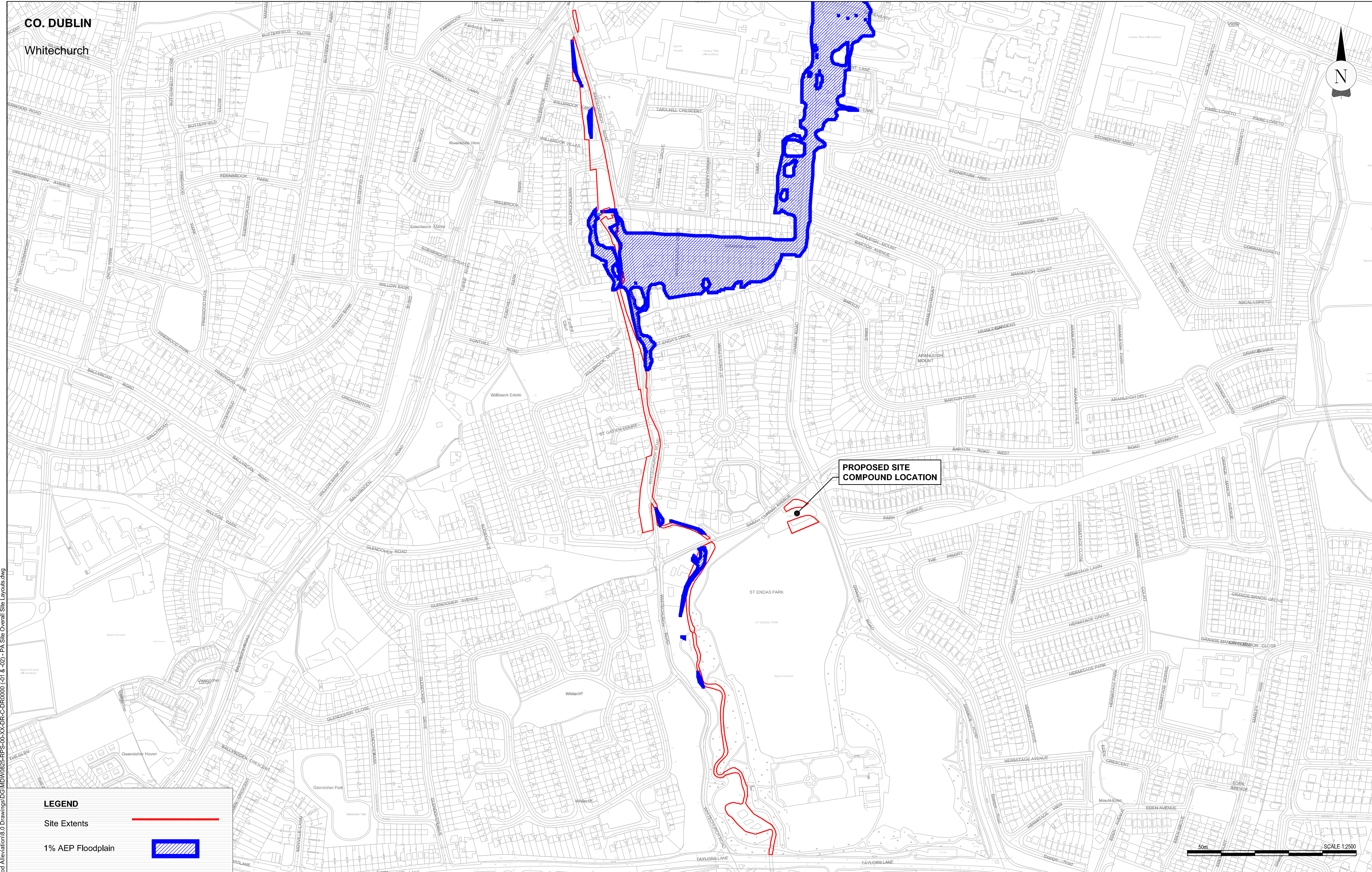
DR0402	Trash Screen Detail
DR0403	Flood Defence Wall - Detail 1
DR0404	Flood Defence Wall - Detail 2





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<div><div>Comhairle Contae</div><div>Atha Cliath Theas</div><div>South Dublin County Council</div></div> <div><div>OPW</div><div>Oifig na nOibreacha Poiblí</div><div>Office of Public Works</div></div>		(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dvg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.		(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.		1:2,500 @ A1 1:5,000 @ A3		Section 177AE of the Planning & Development Act 2000 (as amended)	
		(ii) DO NOT SCALE, use figured dimensions only.		(v) All Levels refer to Ordnance Survey Datum, Malin Head.		Created on 28/11/2019		Title	
						Sheets 01 of 02		PLANNING APPLICATION DRAWINGS Site Location Plan - Site Extents	
Ordnance Survey Ireland Licence No. EN0005019 © Ordnance Survey Ireland/Government of Ireland						Model File Identifier		Drawing No.	
						File Identifier		Status	
						MDW0825-RPS-00-XX-DR-C-DR0000 (-01 & -02) - PA Site Overall Site Layouts		S4	
								Rev	
								P01	






R:\MDW0825 - Whitechurch Flood Alleviation\8.0 Drawings\DG\MDW0825-RPS-00-XX-DR-C-DR0000\_01 & 02 - PA Site Overall Site Layouts.dwg

LEGEND

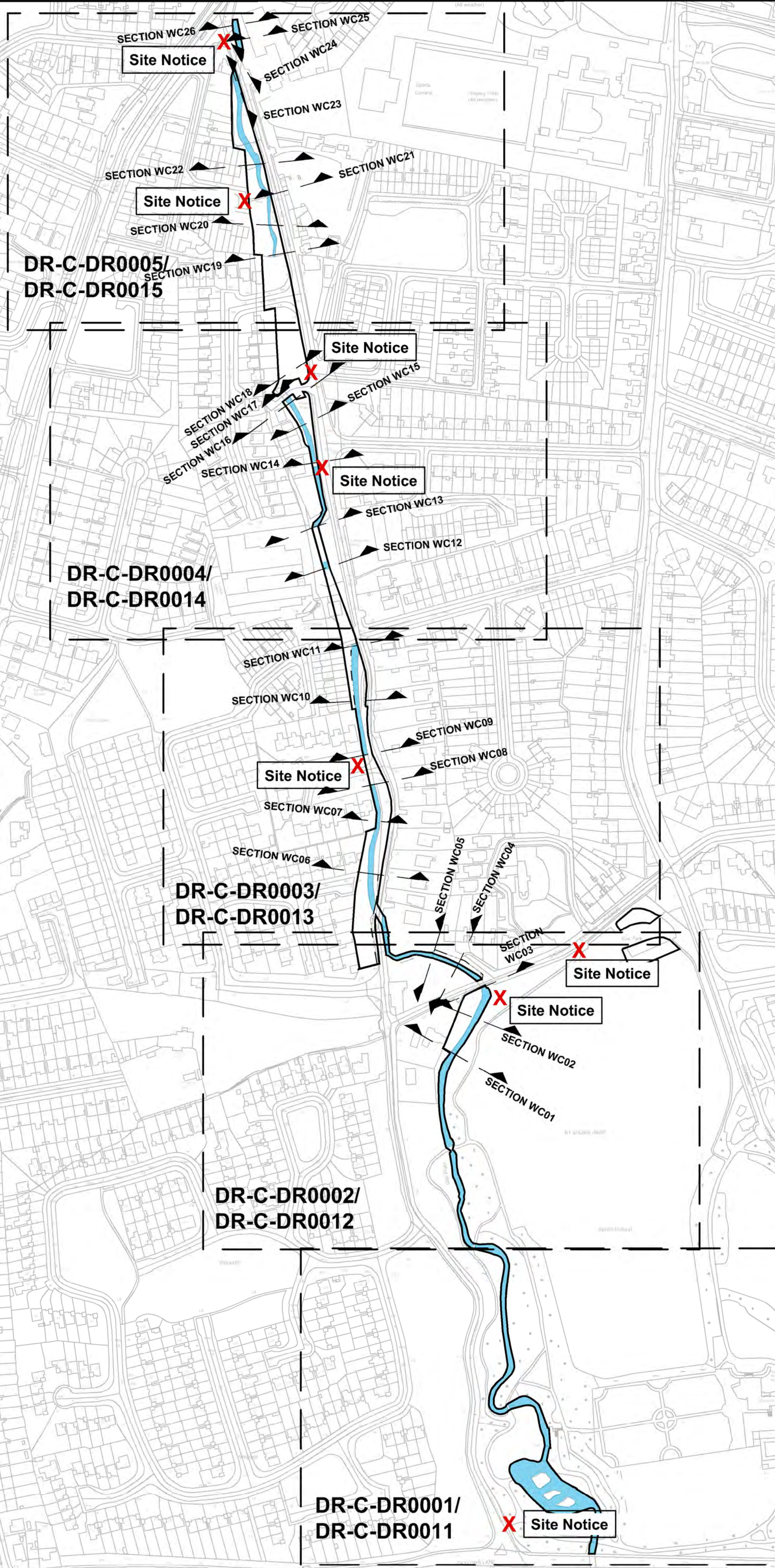
Site Extents

1% AEP Floodplain

Client		General Notes										P01		07/07/20		DB		PT		Issue for Stage Approval		MD		<div><div><div>rps</div><div>MAKING COMPLEX EASY</div></div><div>West Pier Business Campus Dun Laoghaire Co. Dublin A96 N6T7</div><div>T +353 (0)1 4882900 W www.rpsgroup.com/ireland E ireland@rpsgroup.com</div></div>		Scale 1:2,500 @ A1 1:5,000 @ A3		Project WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)					
<div><div><div>Comhairle Contae Atha Cliath Theas South Dublin County Council</div><div></div><div>Oifig na nOibreacha Poiblí Office of Public Works</div></div></div>		(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site.										P01.02		20/04/20		DB		PT		Issue for Stage Approval		MD		PLANNING APPLICATION DRAWINGS Site Location Plan - 1% AEP Floodplain									
		(ii) DO NOT SCALE, use figured dimensions only.										P01.01		09/04/20		DB		PT		Issue for Stage Approval		MD											
		(v) All Levels refer to Ordnance Survey Datum, Malin Head.										Rev		Date		Dwn Ck		App		Model File Identifier													
																										File Identifier MDW0825-RPS-00-XX-DR-C-DR0000_01 & 02 - PA Site Overall Site Layouts		Drawing No. DR0000-02		Status S4		Rev P01	



CO. DUBLIN  
Whitechurch



50m  
SCALE 1:2500

R:\MDW0825 - Whitechurch Flood Alleviation\8.0 Drawings\DW0825-RPS-00-XX-DR-C-DR0001-0005 - PA Site Location Plans.dwg

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Rev	Date	By	CHK	Amendment / Issue	App
P01	07/07/20	DB	PT	Issue for Stage Approval	MD
P01.01	13/05/20	DB	PT	Issue for Stage Approval	MD

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Model File Identifier

Scale	1:2,500 @ A1 1:5,000 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)		
Created on	13/05/20	Title	PLANNING APPLICATION DRAWINGS		
Sheets	01 of 01	Index Drawing			
File Identifier	MDW0825-RPS-00-XX-DR-C-DR0001-0005	Drawing No.	DR0001-00	Status	S4
		Rev			P01





SCHEME LOCATION

Scale:1:10,000



Match Line to Layout: Drawing No. DR-C-DR0002



NOTE - GENERAL

All Layout Plans to be read in conjunction with Existing Tree Management Plans - Refer to DR0011 to DR0015 for Drawings.

NOTE - SECTIONS

- Model Cross Sections - Refer to DR0101 to DR0104.
- Detailed Cross Sections\* - Refer to DR0111 to DR0114.

LEGEND

- Existing Trees to be retained
- Existing Trees to be removed to facilitate Whitechurch Stream FAS
- Landscape Proposals
- Site Notice
- Site Extents
- Existing Footpath
- Bridge Removal
- Trash Screen
- Bridge Replacement
- Bank Raising
- Debris Trap
- Existing Walls
- Defence Walls
- River Centreline (Chainage)
- Defence Walls - Permanent Sheet Piling
- Bank Improvement Works

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General Notes

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P01	07/07/20	20	21	Issue for Stage Approval	MD
P01.03	20/05/20	08	21	Issue for Stage Approval	MD
P01.02	20/04/20	08	21	Issue for Stage Approval	MD
P01.01	09/04/20	08	21	Issue for Stage Approval	MD
Rev	Date	Dim	Chk	Amendment / Issue	App

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Scale 1:500 @ A1  
1:1,000 @ A3

Created on 20/08/19

Sheets 01 of 05

Project WHITECHURCH FLOOD ALLEVIATION SCHEME  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title PLANNING APPLICATION DRAWINGS  
Proposed Layout Plans  
Sheet 1 - Area within St Enda's Park & Downstream of Bridge at Taylor's Lane

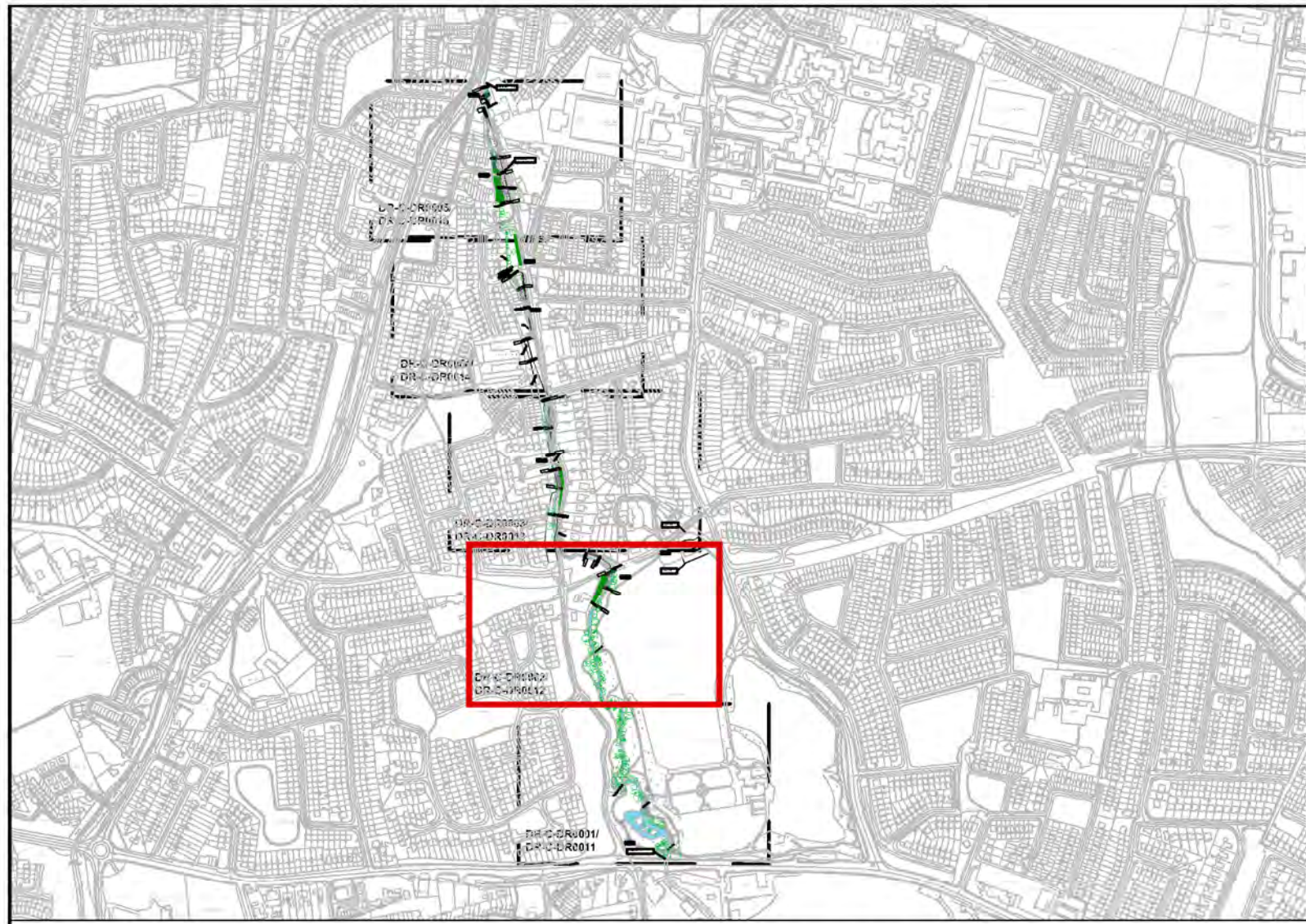
File Identifier MDW0825-RPS-00-XX-DR-C-DR0001-0005

Drawing No. DR0001

Status S4

Rev P01





SCHEME LOCATION

Scale:1:10,000



**NOTE - GENERAL**

All Layout Plans to be read in conjunction with Existing Tree Management Plans - Refer to DR0011 to DR0015 for Drawings.

**NOTE - SECTIONS**

- Model Cross Sections - Refer to DR0101 to DR0104.
- Detailed Cross Sections\* - Refer to DR0111 to DR0114.

**LEGEND**

- Existing Trees to be retained
- Existing Trees to be removed to facilitate Whitechurch Stream FAS
- Landscape Proposals
- Site Extents
- Bridge Removal
- Bridge Replacement
- Debris Trap
- Defence Walls
- Defence Walls - Permanent Sheet Piling
- Site Notice
- Existing Footpath
- Trash Screen
- Bank Raising
- Existing Walls
- River Centreline (Chainage)
- Bank Improvement Works

Client

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Rev	Date	Dr/Ck	Amendment / Issue	App
P01	07/07/20	DB/PT	Issue for Stage Approval	MD
P01.03	20/05/20	DB/PT	Issue for Stage Approval	MD
P01.02	20/04/20	DB/PT	Issue for Stage Approval	MD
P01.01	09/04/20	DB/PT	Issue for Stage Approval	MD

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Scale	1:500 @ A1 1:1,000 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)
Created on	20/08/19	Title	PLANNING APPLICATION DRAWINGS Proposed Layout Plans Sheet 2 - Area within St Enda's Park & Upstream of Sarah Curran Bridge
Sheets	02 of 05	File Identifier	MDW0825-RPS-00-XX-DR-C-DR0002-0005
Drawing No.	DR0002	Status	S4
Rev	P01		

R:\MDW0825 - Whitechurch Flood Alleviation\8.0 Drawings\DWG\MDW0825-RPS-00-XX-DR-C-DR0001-0005 - PJA Site Location Plans.dwg





SCHEME LOCATION

Scale:1:10,000



NOTE - GENERAL

All Layout Plans to be read in conjunction with Existing Tree Management Plans - Refer to DR0011 to DR0015 for Drawings.

NOTE - SECTIONS

- Model Cross Sections - Refer to DR0101 to DR0104.
- Detailed Cross Sections\* - Refer to DR0111 to DR0114.

LEGEND

- Existing Trees to be retained
- Existing Trees to be removed to facilitate Whitechurch Stream FAS
- Landscape Proposals
- Site Notice
- Site Extents
- Existing Footpath
- Bridge Removal
- Bridge Replacement
- Debris Trap
- Defence Walls
- Defence Walls - Permanent Sheet Piling
- Trash Screen
- Bank Raising
- Existing Walls
- River Centreline (Chainage)
- Bank Improvement Works

Match Line to Layout: Drawing No. DR-C-DR0002

Match Line to Layout: Drawing No. DR-C-DR0004



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Rev	Date	Drn. Ck	Amendment / Issue	App
P01	07/07/20		Issue for Stage Approval	MD
P01.03	20/05/20		Issue for Stage Approval	MD
P01.02	20/04/20		Issue for Stage Approval	MD
P01.01	09/04/20		Issue for Stage Approval	MD

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Scale	1:500 @ A1 1:1,000 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)			
Created on	20/08/19	Title	PLANNING APPLICATION DRAWINGS Proposed Layout Plans			
Sheets	03 of 05		Sheet 3 - Gatiens Court & disused Garage on Whitechurch Road opp. St. Enda's Drive			
File Identifier	MDW0825-RPS-00-XX-DR-C-DR0002-0005	Drawing No.	DR0003	Status	S4	Rev
						P01





SCHEME LOCATION

Scale:1:10,000



**NOTE - GENERAL**  
All Layout Plans to be read in conjunction with  
Existing Tree Management Plans - Refer to DR0011 to DR0015 for Drawings.

**NOTE - SECTIONS**


- Model Cross Sections - Refer to DR0101 to DR0104.
- Detailed Cross Sections\* - Refer to DR0111 to DR0114.

**LEGEND**

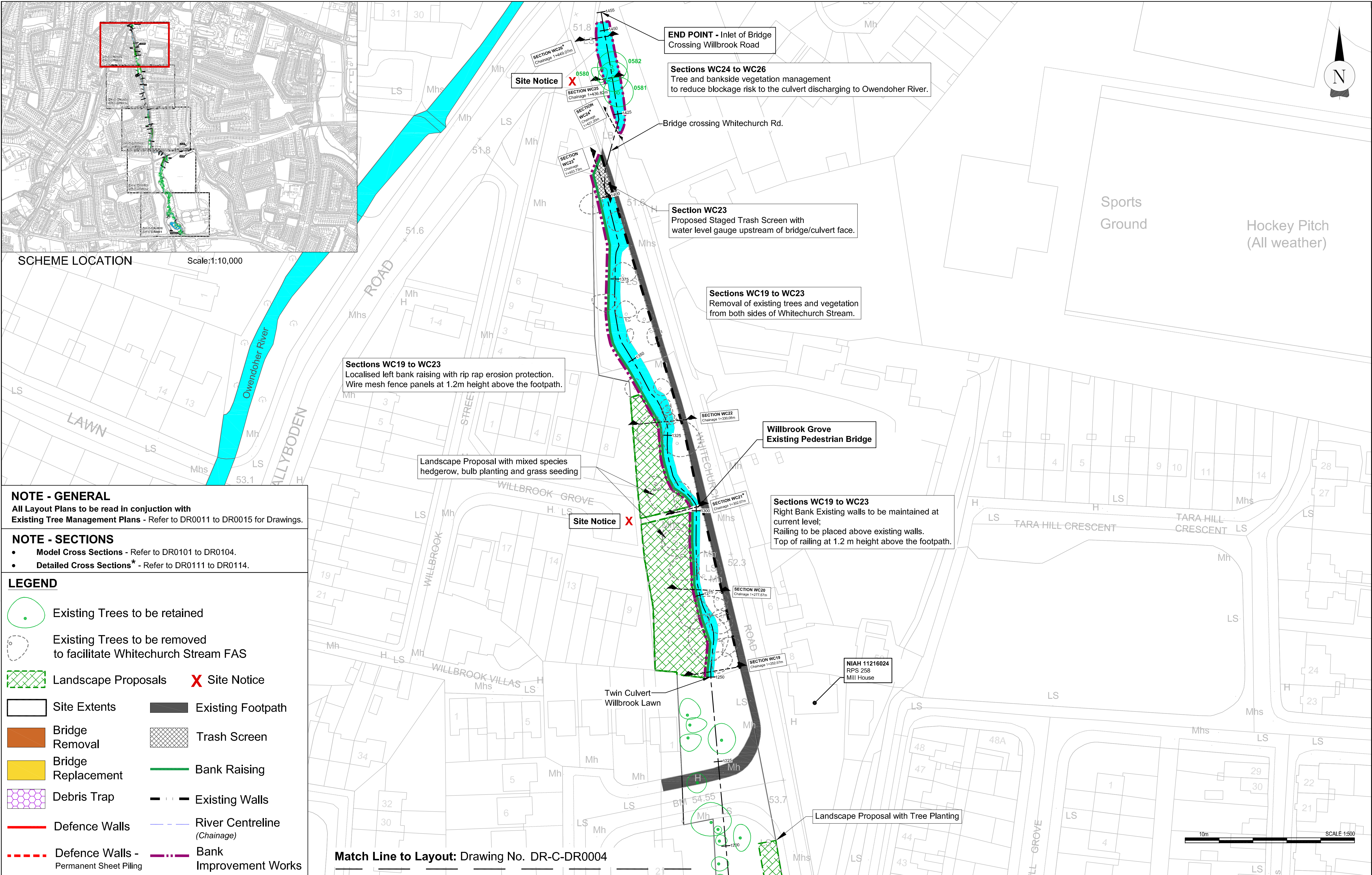
	Existing Trees to be retained		Site Notice
	Existing Trees to be removed to facilitate Whitechurch Stream FAS		
	Landscape Proposals		
	Site Extents		Existing Footpath
	Bridge Removal		Trash Screen
	Bridge Replacement		Bank Raising
	Debris Trap		Existing Walls
	Defence Walls		River Centreline (Chainage)
	Defence Walls - Permanent Sheet Piling		Bank Improvement Works

Match Line to Layout: Drawing No. DR-C-DR0003

Match Line to Layout: Drawing No. DR-C-DR0005

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		P01.03	20/05/20	<div><div></div><div>DR</div><div>CHK</div></div>	Issue for Stage Approval	MD	Created on	20/08/19		Title					
		P01.02	20/04/20	<div><div></div><div>DR</div><div>CHK</div></div>	Issue for Stage Approval	MD	Sheets	04 of 05		PLANNING APPLICATION DRAWINGS					
		P01.01	09/04/20	<div><div></div><div>DR</div><div>CHK</div></div>	Issue for Stage Approval	MD	Proposed Layout Plans								
										File Identifier	MDW0825-RPS-00-XX-DR-C-DR0002-0005	Drawing No	DR0004	Status	S4
							Model File Identifier	Sheet 4 - Area to Garage Culvert Rathfarnham Ford & Willbrook Lawn on Whitechurch Road							





SCHEME LOCATION Scale:1:10,000

**NOTE - GENERAL**  
All Layout Plans to be read in conjunction with  
Existing Tree Management Plans - Refer to DR0011 to DR0015 for Drawings.

- NOTE - SECTIONS**
- Model Cross Sections - Refer to DR0101 to DR0104.
  - Detailed Cross Sections\* - Refer to DR0111 to DR0114.

**LEGEND**

	Existing Trees to be retained		Site Notice
	Existing Trees to be removed to facilitate Whitechurch Stream FAS		
	Landscape Proposals		
	Site Extents		Existing Footpath
	Bridge Removal		Trash Screen
	Bridge Replacement		Bank Raising
	Debris Trap		Existing Walls
	Defence Walls		River Centreline (Chainage)
	Defence Walls - Permanent Sheet Piling		Bank Improvement Works

Match Line to Layout: Drawing No. DR-C-DR0004

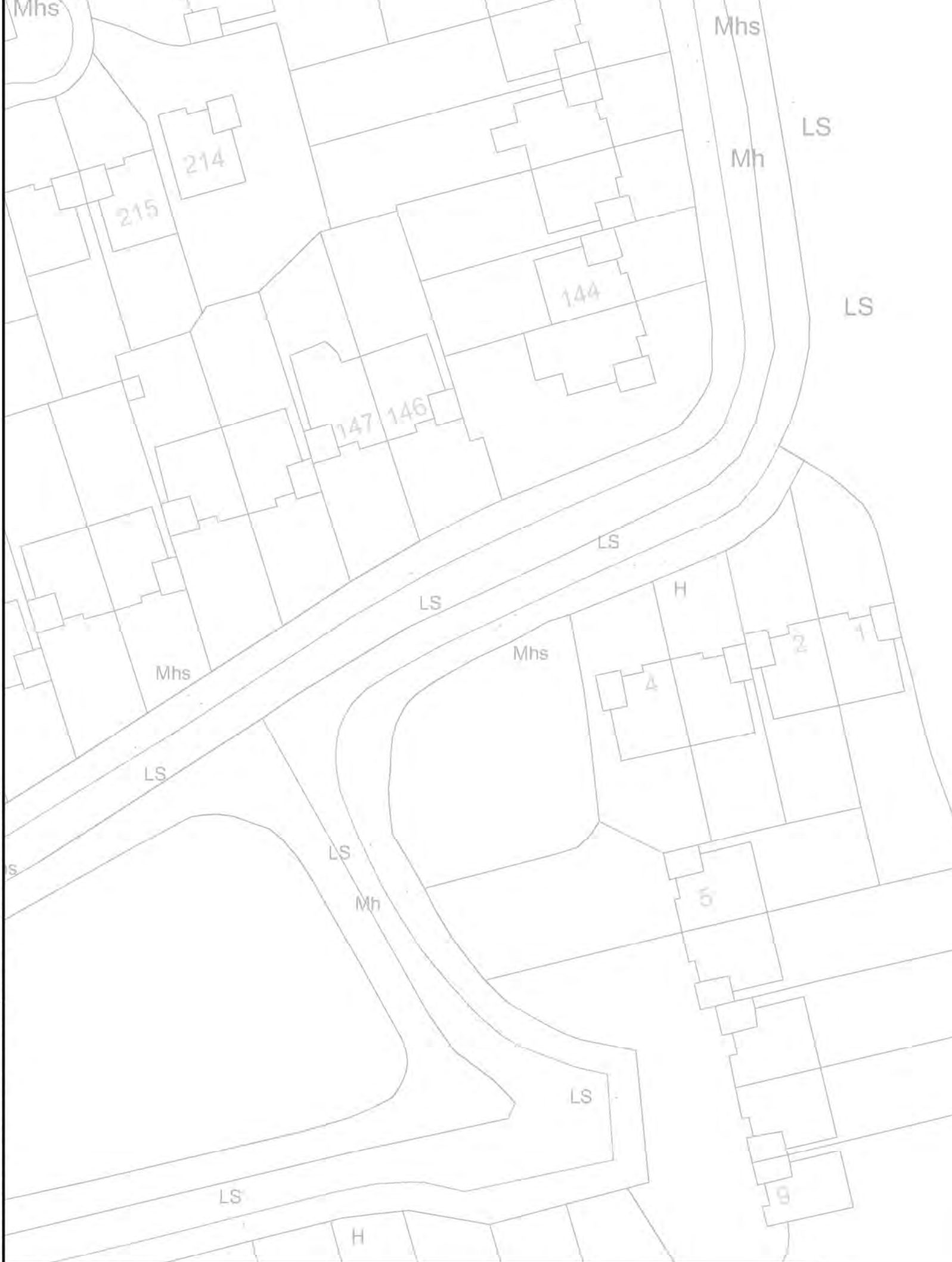
Client		General Notes		(ii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.		P01	07/07/20	<div><div></div><div></div><div></div></div>	Issue for Stage Approval	MD	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>West Pier Business Campus Dun Laoghaire Co. Dublin A96 N6T7</div><div>T +353 (0)1 4882900 W www.rpsgroup.com/ireland E ireland@rpsgroup.com</div></div>	Scale	1:500 @ A1 1:1,000 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)			
<div><div><div><div></div><div></div><div></div></div><div>Comhairle Contae Átha Cliath Theas South Dublin County Council</div></div><div><div><div></div><div></div><div></div></div><div>Oifig na nOibreacha Poiblí Office of Public Works</div></div></div>		(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dvg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error or by the recipient, listing of the un-dimensioned measurements, compatibility with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site.		(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.		P01.03	20/05/20	<div><div></div><div></div><div></div></div>	Issue for Stage Approval	MD		Created on	20/08/19	Title	PLANNING APPLICATION DRAWINGS Proposed Layout Plans			
		(ii) DO NOT SCALE, use figured dimensions only.		(v) All Levels refer to Ordnance Survey Datum, Malin Head.		P01.02	20/04/20	<div><div></div><div></div><div></div></div>	Issue for Stage Approval	MD		Sheets	05 of 05	Sheet 5 - Willbrook Lawn Culvert Outlet to Culvert Inlet at Willbrook Road				
		(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.		(v) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.		Rev	Date	<div><div></div><div></div><div></div></div>	Amendment / Issue	App		Model File Identifier	MDW0825-RPS-00-XX-DR-C-DR0002-0005	Drawing No.	DR0005	Status	S4	Rev









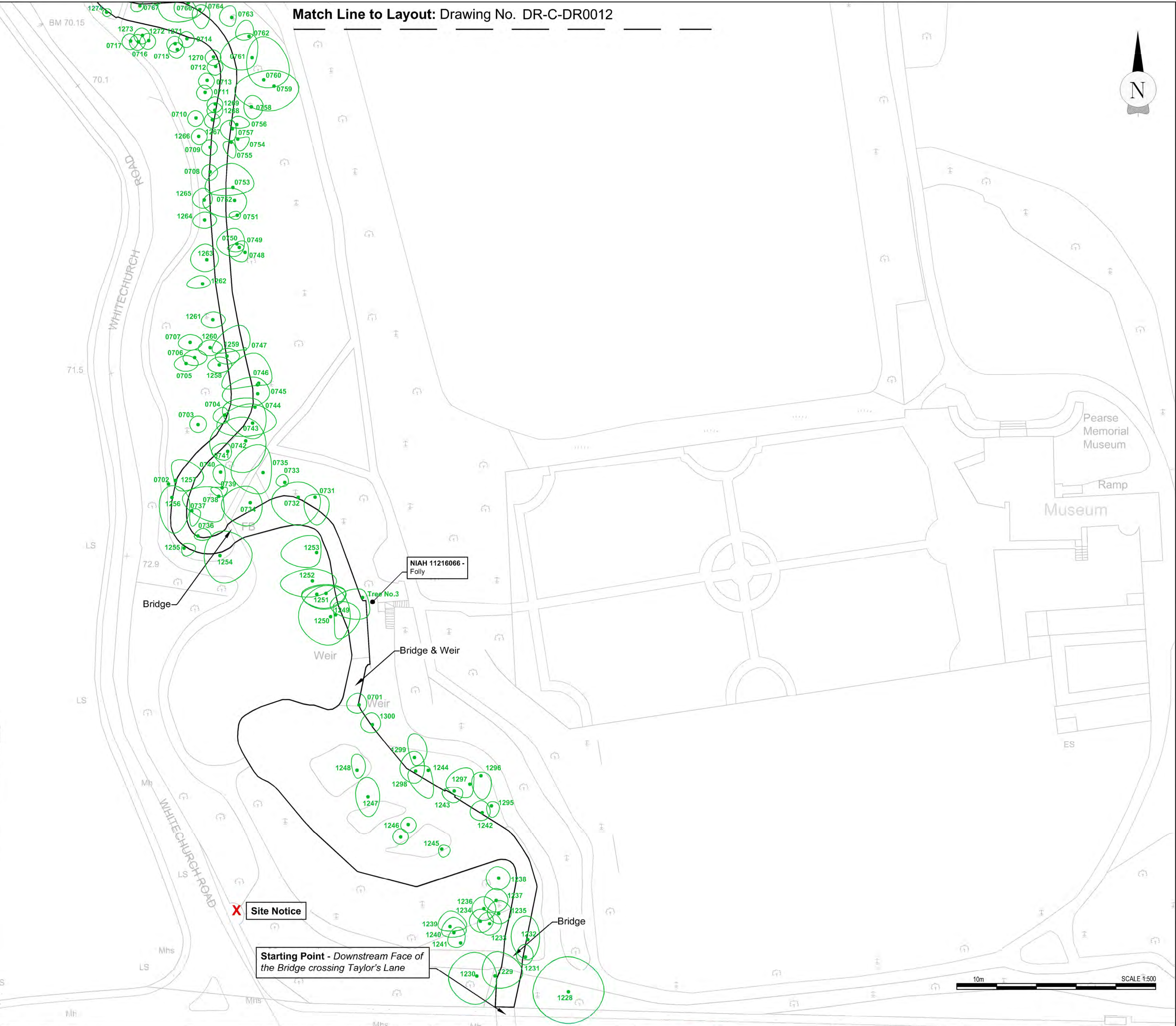
SCHEME LOCATION

Scale:1:10,000



LEGEND

-  Tree No. ## Existing Trees to be retained
-  Tree No. ## Existing Trees to be removed to facilitate Whitechurch Stream FAS
-  Site Extents
-  Site Notice





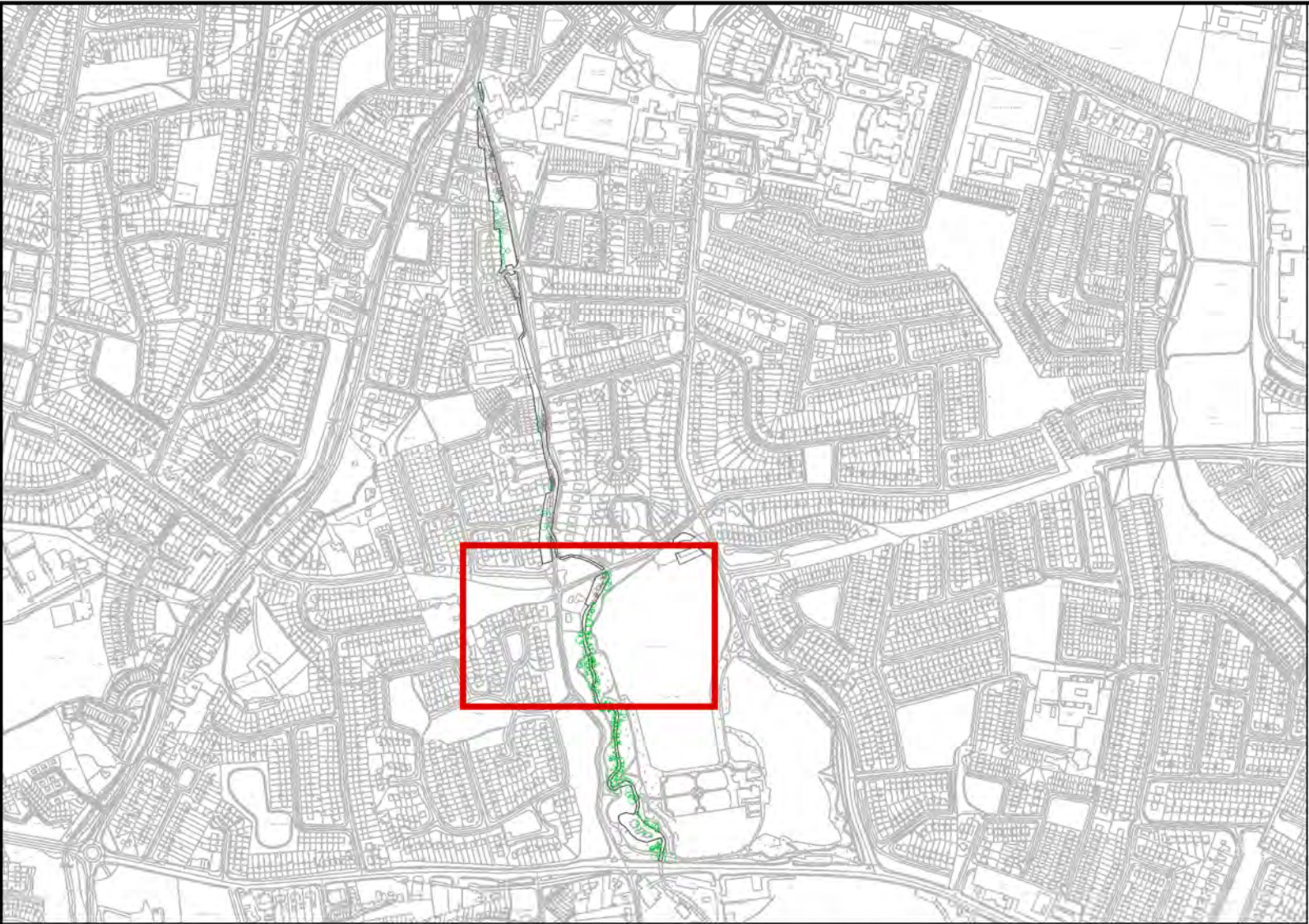
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Átha Cliath Theas  
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OPW  
Oifig na  
nOibreacha Poiblí  
Office of Public Works

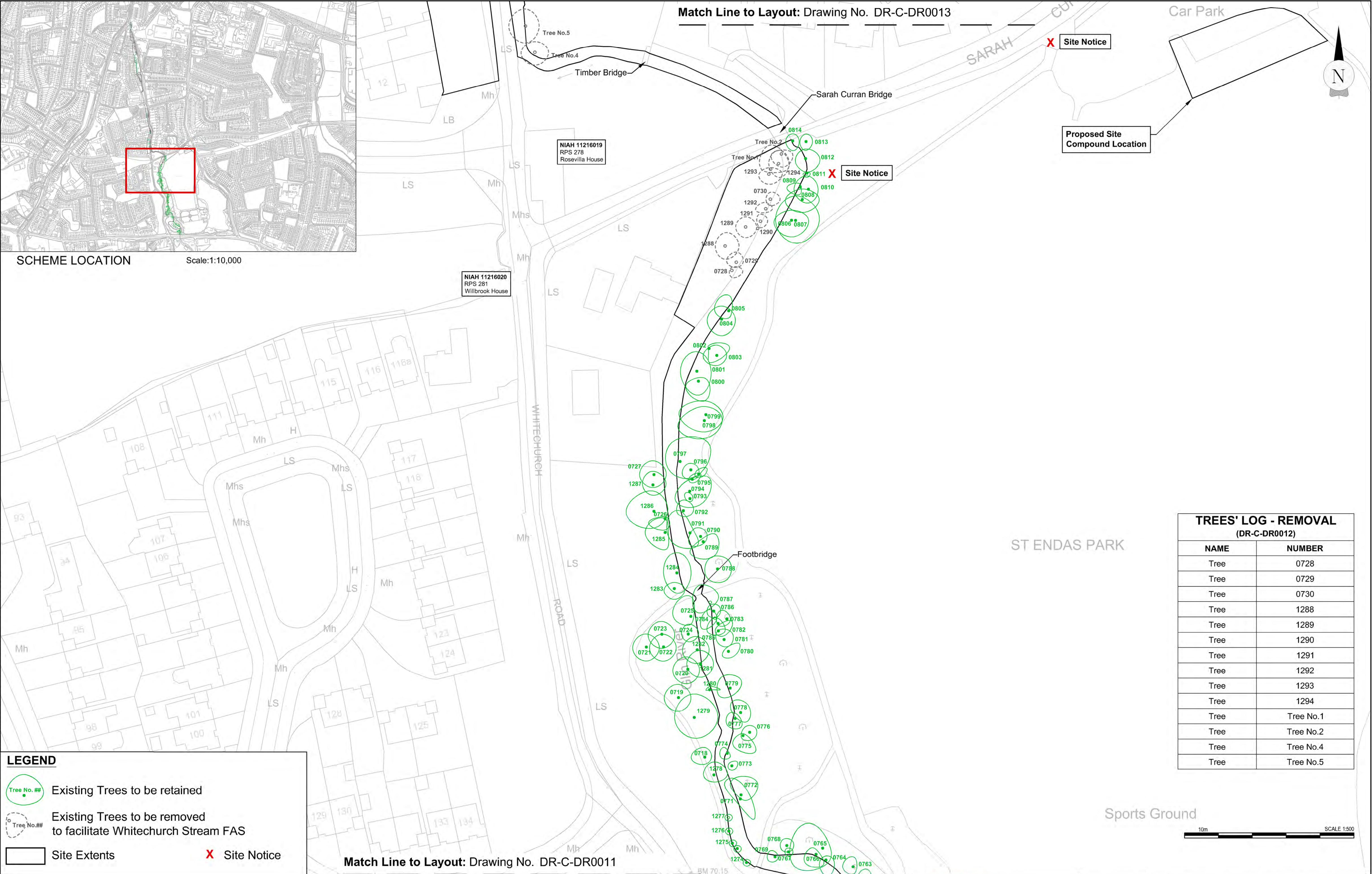
Client		General Notes		Project	
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(v) All Levels refer to Ordnance Survey Datum, Malin Head.				Existing Tree Management Plans	
				Sheet 1 - Area within St Enda's Park & Downstream of Bridge at Taylor's Lane	
Rev		Date		File Identifier	
P01		07/07/20		MDW0825-RPS-00-XX-DR-C-DR0011-0015	
P01.01		20/05/20		Drawing No.	
				DR0011	
				Status	
				S4	
				Rev	
				P01	





SCHEME LOCATION

Scale:1:10,000



LEGEND

Tree No. ##

Existing Trees to be retained

Tree No.##

Existing Trees to be removed  
to facilitate Whitechurch Stream FAS

Site Extents

X

Site Notice

TREES' LOG - REMOVAL (DR-C-DR0012)	
NAME	NUMBER
Tree	0728
Tree	0729
Tree	0730
Tree	1288
Tree	1289
Tree	1290
Tree	1291
Tree	1292
Tree	1293
Tree	1294
Tree	Tree No.1
Tree	Tree No.2
Tree	Tree No.4
Tree	Tree No.5

Client

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South Dublin County Council

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(v) All Levels refer to Ordnance Survey Datum, Malin Head.

P01

07/07/20

08

21

Issue for Stage Approval

MD

P01.01

20/05/20

08

21

Issue for Stage Approval

MD

Rev

Date

Drawn  
Ck

Amendment / Issue

App

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Scale

1:500 @ A1  
1:1,000 @ A3

Created on

20/05/20

Sheets

02 of 05

Project

WHITECHURCH FLOOD ALLEVIATION SCHEME  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title

PLANNING APPLICATION DRAWINGS  
Existing Tree Management Plans  
Sheet 2 - Area within St Enda's Park & Upstream of Sarah Curran Bridge

File Identifier

MDW0825-RPS-00-XX-DR-C-DR0011-0015

Drawing No.

DR0012

Status

S4

Rev

P01

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SCHEME LOCATION

Scale:1:10,000



LEGEND

Tree No.##

Existing Trees to be retained

Tree No.##

Existing Trees to be removed to facilitate Whitechurch Stream FAS

Site Extents

X

Site Notice

Client

Comhairle Contae

Atha Cliath Theas

South Dublin County Council

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P01

07/07/20

08

PT

Issue for Stage Approval

MD

P01.01

20/05/20

08

PT

Issue for Stage Approval

MD

Rev

Date

Chk

Amendment / Issue

App

Model File Identifier

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Scale

1:500 @ A1

1:1,000 @ A3

Created on

20/05/20

Sheets

03 of 05

File Identifier

MDW0825-RPS-00-XX-DR-C-DR0011-0015

Drawing No.

DR0013

Status

S4

Rev

P01

Project

WHITECHURCH FLOOD ALLEVIATION SCHEME

Section 177AE of the Planning & Development Act 2000 (as amended)

Title

PLANNING APPLICATION DRAWINGS

Existing Tree Management Plans

Sheet 3 - Gatiens Court & disused Garage on Whitechurch Road opp. St. Enda's Drive

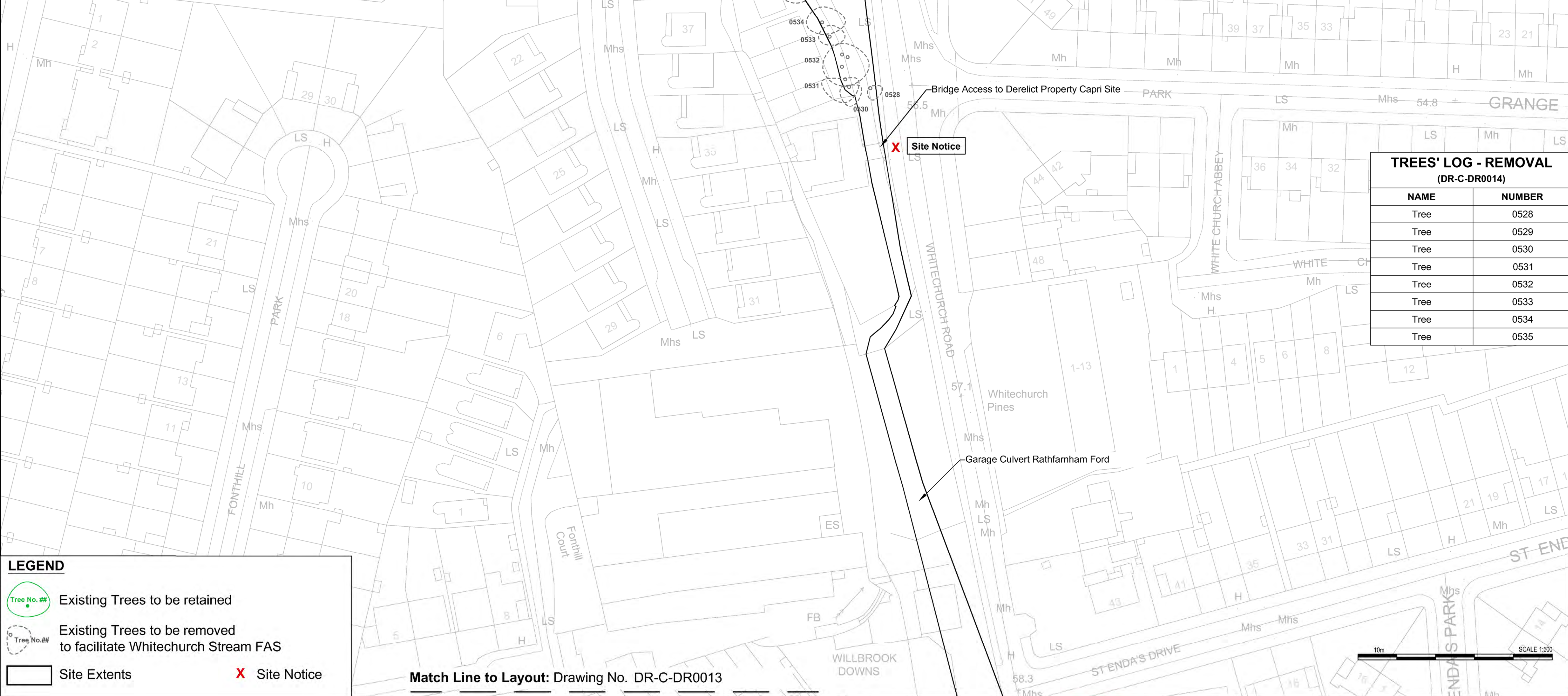
Ordnance Survey Ireland Licence No. EN0005020 © Ordnance Survey Ireland/Government of Ireland





SCHEME LOCATION

Scale:1:10,000



LEGEND

- Existing Trees to be retained
- Existing Trees to be removed to facilitate Whitechurch Stream FAS
- Site Extents
- Site Notice

TREES' LOG - REMOVAL (DR-C-DR0014)	
NAME	NUMBER
Tree	0528
Tree	0529
Tree	0530
Tree	0531
Tree	0532
Tree	0533
Tree	0534
Tree	0535

Client

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Átha Cliath Theas  
South Dublin County Council

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Office of Public Works

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- (i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.

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P01	07/07/20	08	21	Issue for Stage Approval	MD
P01.01	20/05/20	08	21	Issue for Stage Approval	MD
Rev	Date	Dim	Chk	Amendment / Issue	App

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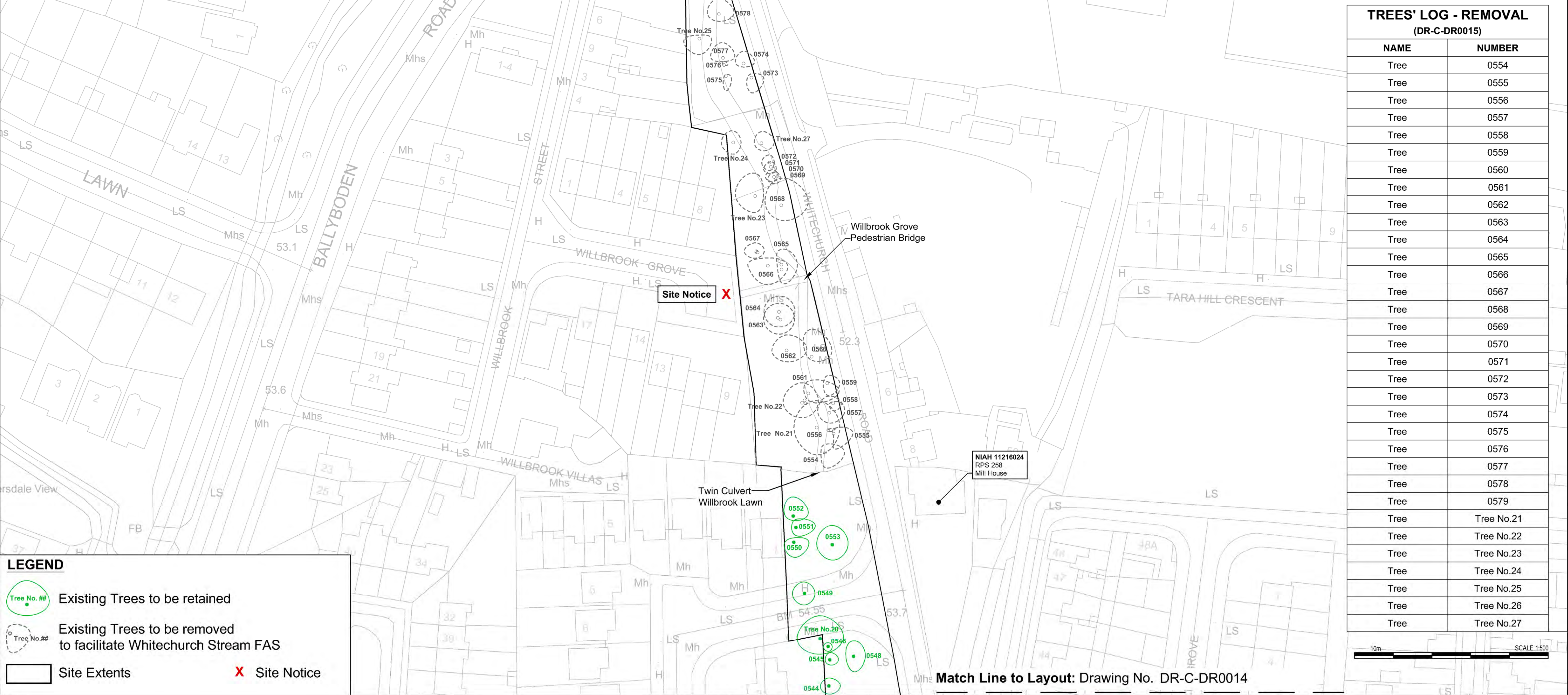
Scale	1:500 @ A1 1:1,000 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)		
Created on	20/05/20	Title	PLANNING APPLICATION DRAWINGS Existing Tree Management Plans		
Sheets	04 of 05	Sheet 4 - Area to Garage Culvert Rathfarnham Ford & Willbrook Lawn on Whitechurch Road			
File Identifier	MDW0825-RPS-00-XX-DR-C-DR0011-0015	Drawing No.	DR0014	Status	S4
				Rev	P01





SCHEME LOCATION

Scale:1:10,000



LEGEND

Tree No.##

Existing Trees to be retained

Tree No.##

Existing Trees to be removed to facilitate Whitechurch Stream FAS

Site Extents

X

Site Notice

Client

Comhairle Contae

Atha Cliath Theas

South Dublin County Council

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P01	07/07/20	DR	PT	Issue for Stage Approval	MD
P01.01	20/05/20	DR	PT	Issue for Stage Approval	MD
Rev	Date	Chk	Cnk	Amendment / Issue	App

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Scale

1:500 @ A1

1:1,000 @ A3

Project

WHITECHURCH FLOOD ALLEVIATION SCHEME

Section 177AE of the Planning & Development Act 2000 (as amended)

Title

PLANNING APPLICATION DRAWINGS

Existing Tree Management Plans

Sheet 5 - Willbrook Lawn Culvert Outlet to Culvert Inlet at Willbrook Road

File Identifier

MDW0825-RPS-00-XX-DR-C-DR0011-0015

Drawing No.

DR0015

Status

S4

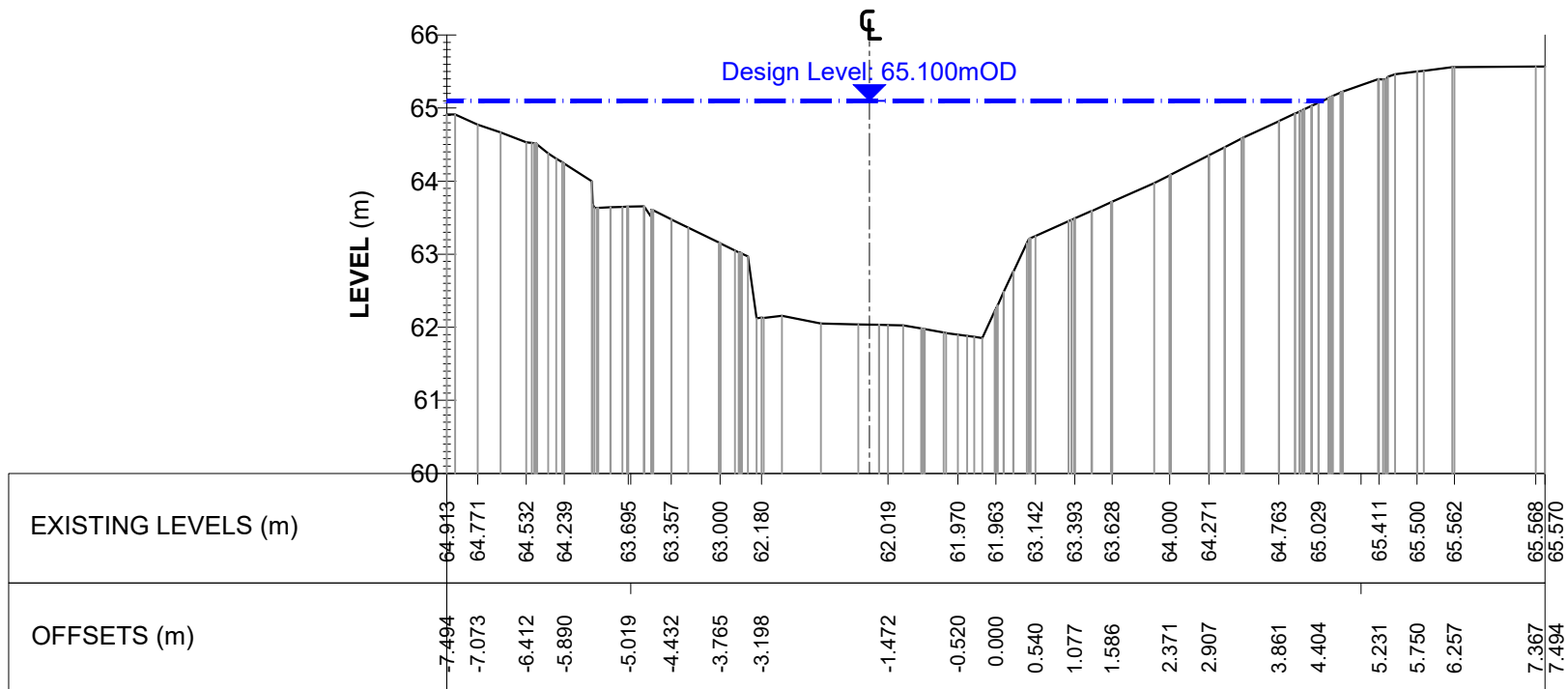
Rev

P01

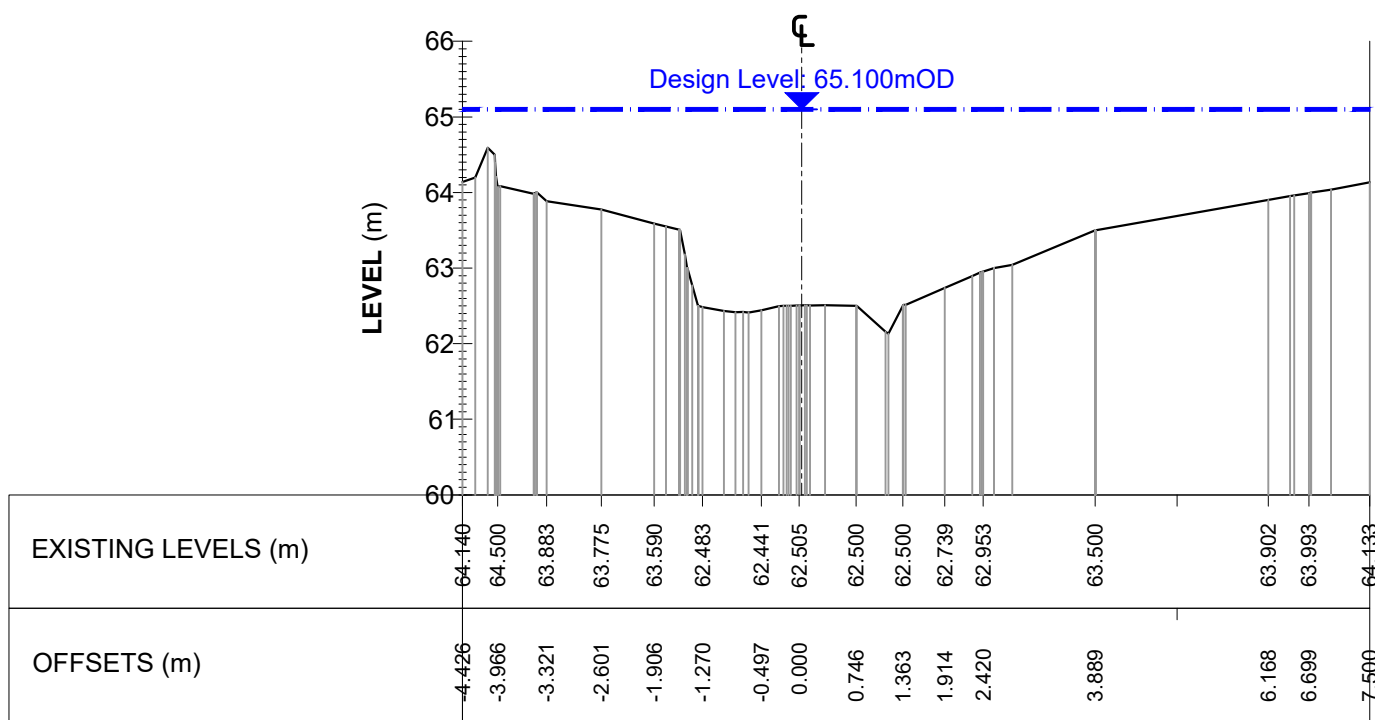
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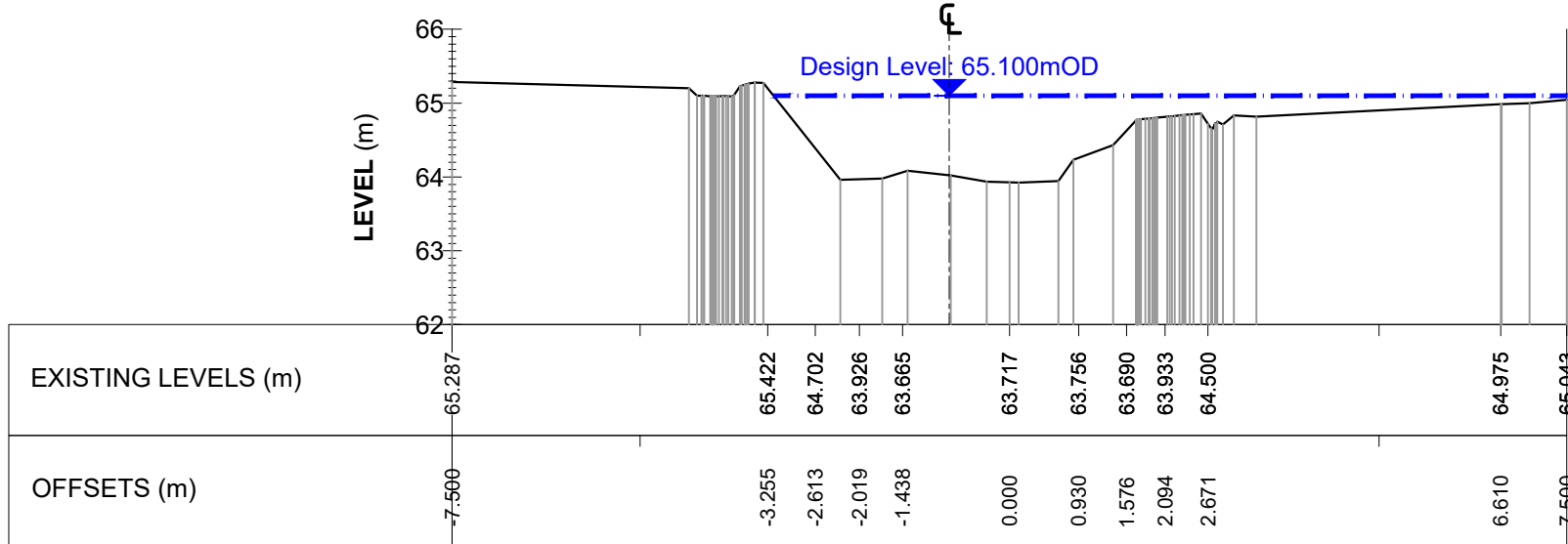
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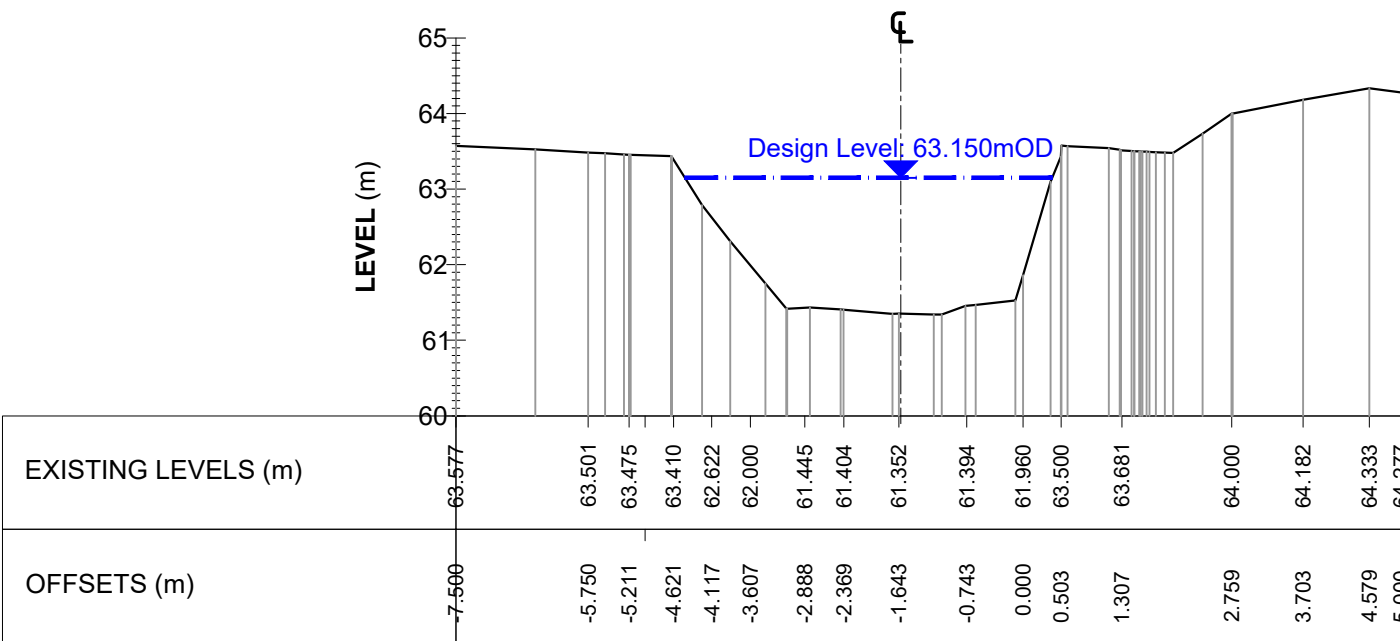
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Scale: Horiz. 1:100, Vert. 1:100 @ A1



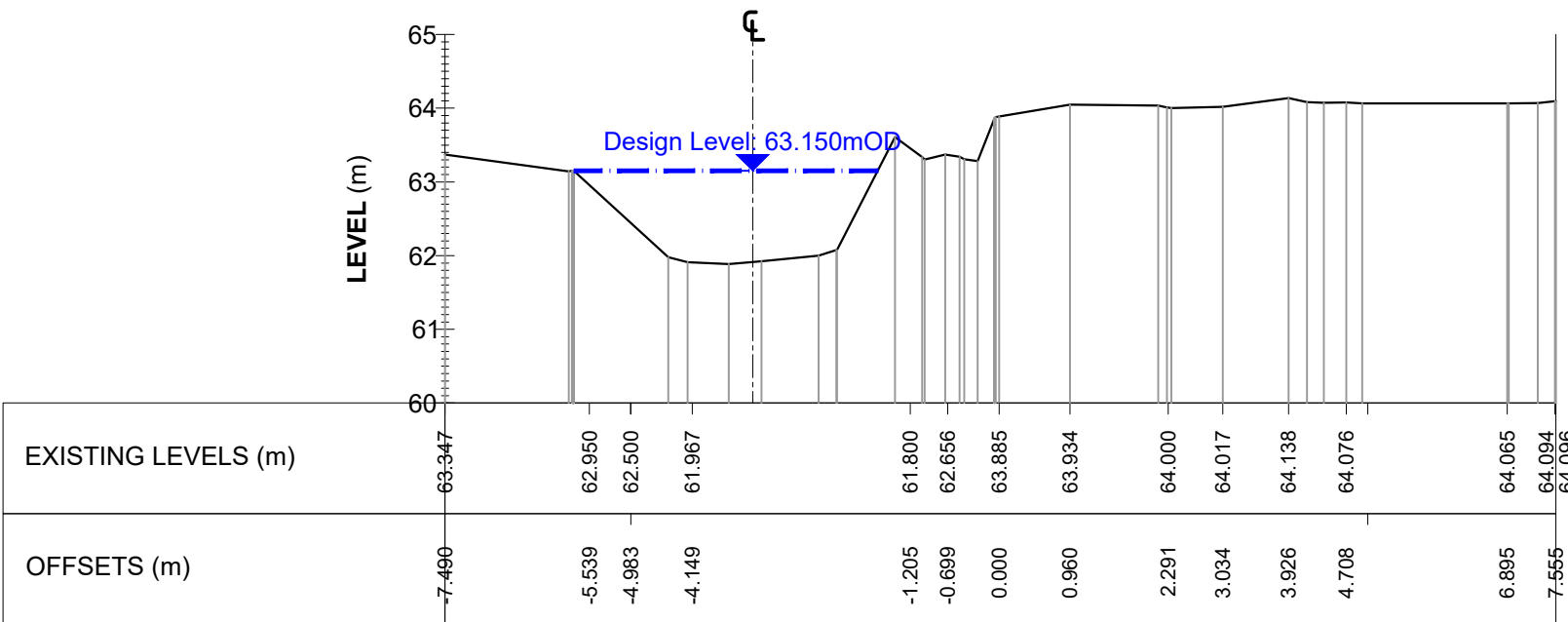
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Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC01** Chainage 0+510.10m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC05** Chainage 0+622.07m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC04** Chainage 0+600.32m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1

**NOTE - SECTIONS**

- Section Points on Plan - Refer to DR0001 to DR0004.
- Detail Cross Sections - Refer to DR0111 to DR0114.
- The direction of all sections is from upstream to downstream

1m SCALE 1:100

Client



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Rev	Date	Dwg Cmk	Amendment / Issue	App
P01	07/07/20	DR PT	Issue for Stage Approval	MD
P01.02	20/04/20	DR PT	Issue for Stage Approval	MD
P01.01	09/04/20	DR PT	Issue for Stage Approval	MD



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Model File Identifier

Scale  
1:100 @ A1  
1:200 @ A3

Created on  
15/08/2019  
Sheets  
01 of 04

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title  
**PLANNING APPLICATION DRAWINGS**  
Existing Ground Profiles - Set "WC01 to WC05"  
3D Model Data

File Identifier  
MDW0825-RPS-00-XX-DR-C-DR0101-0104 - PA Cross Sections

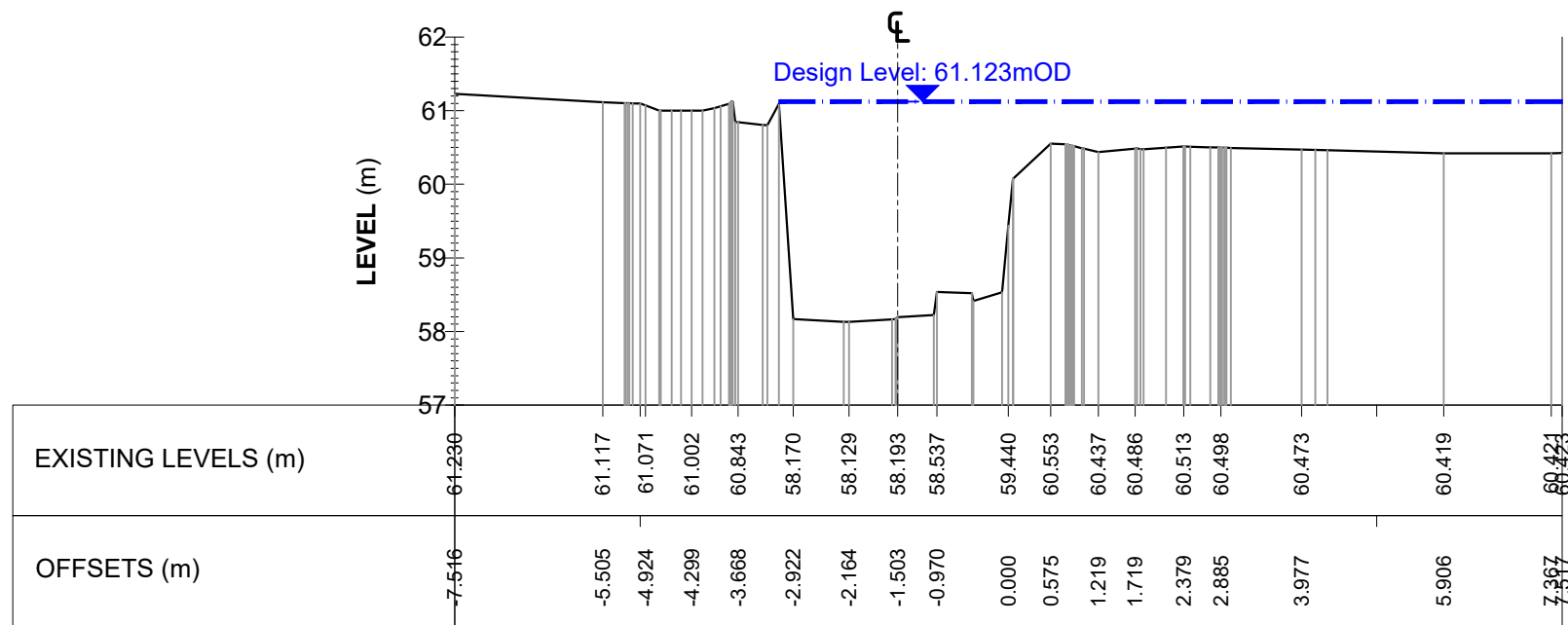
Drawing No.  
DR0101

Status  
S4

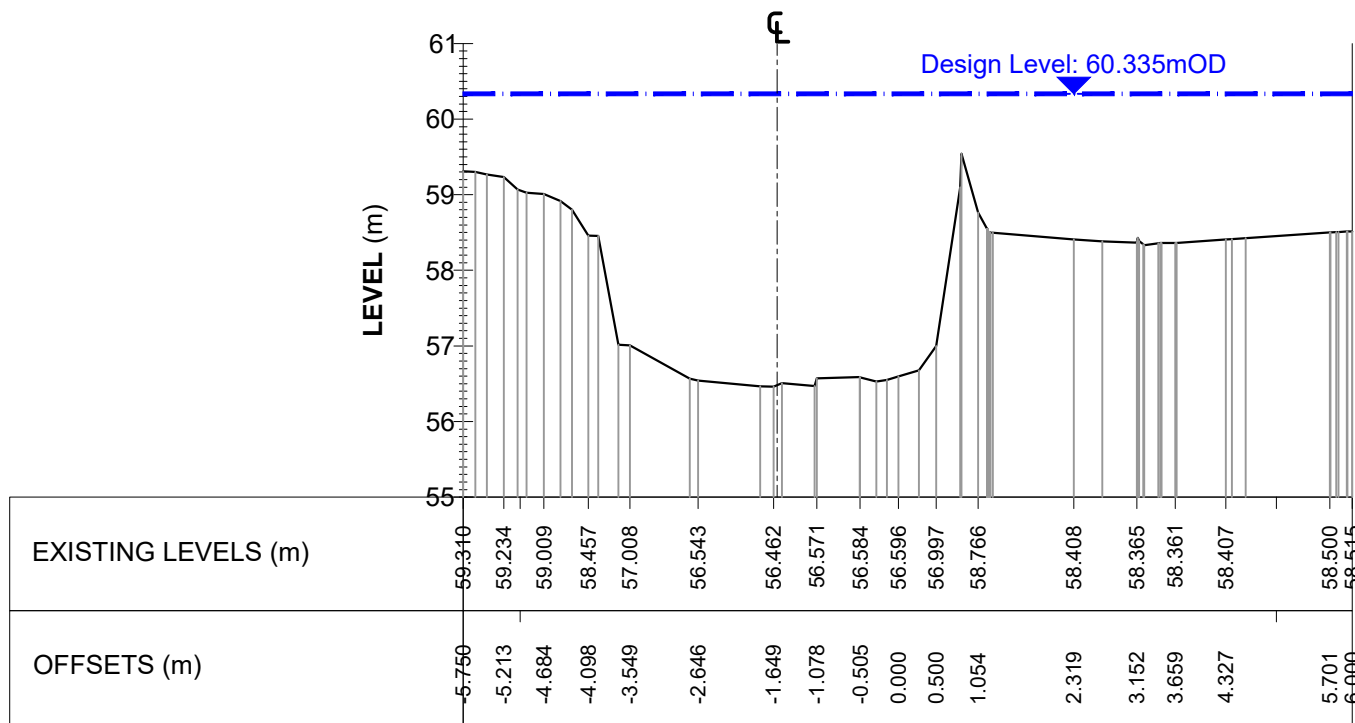
Rev  
P01



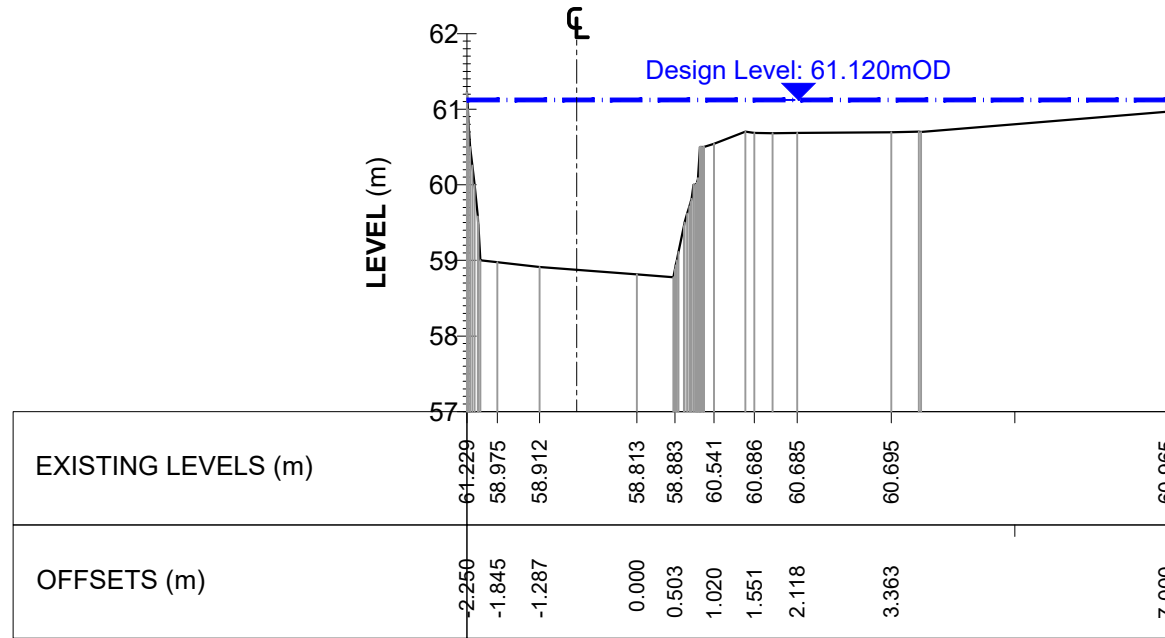
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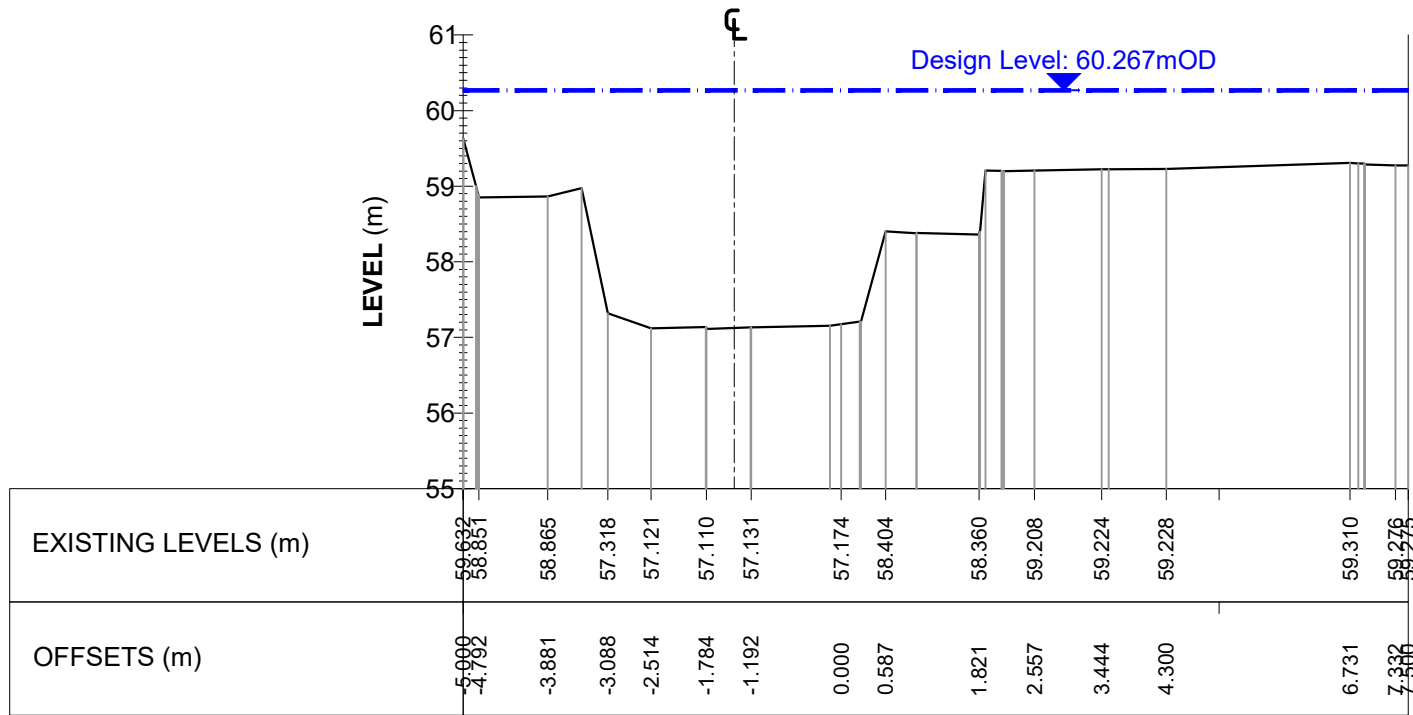
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Scale: Horiz. 1:100, Vert. 1:100 @ A1



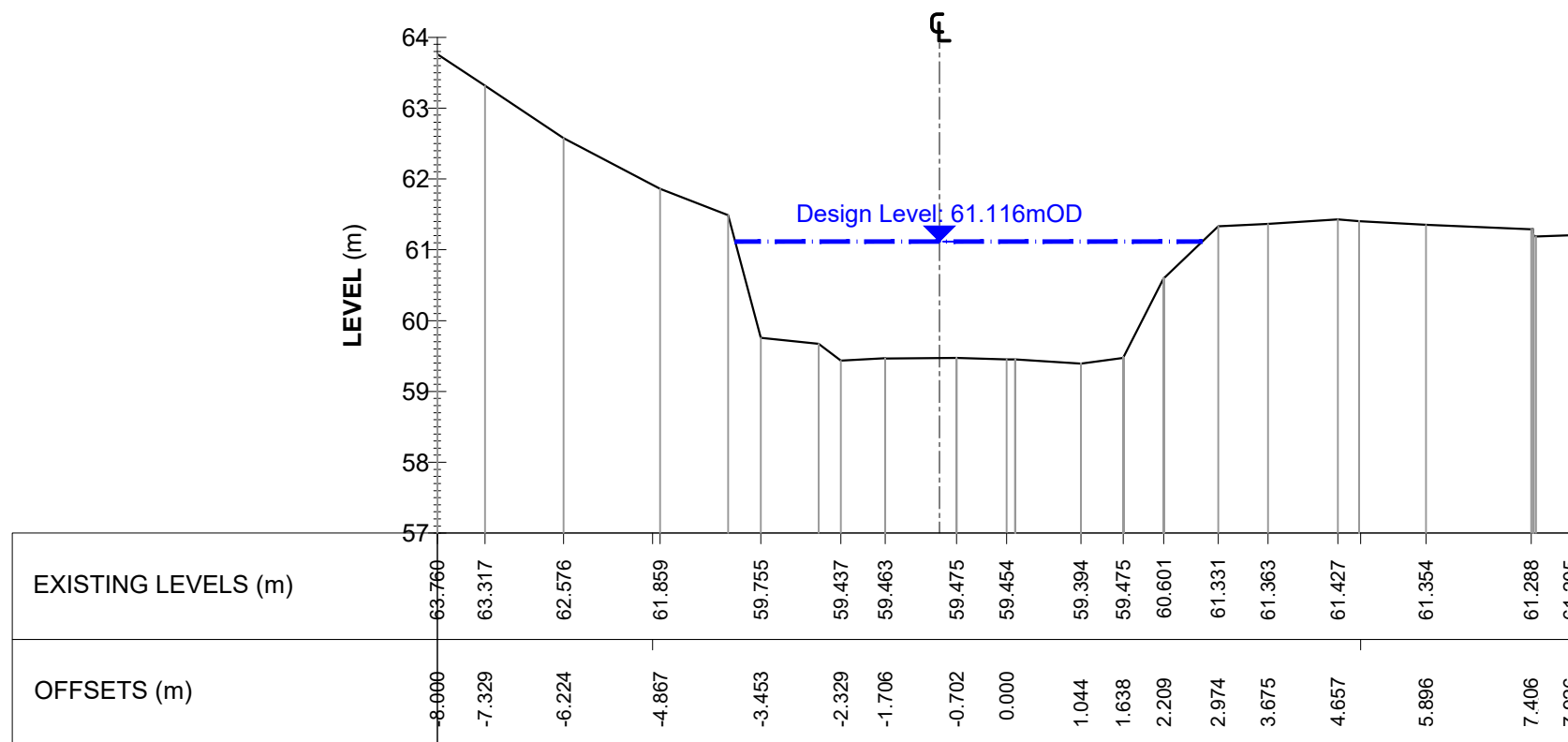
**SECTION WC11** Chainage 0+917.57m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



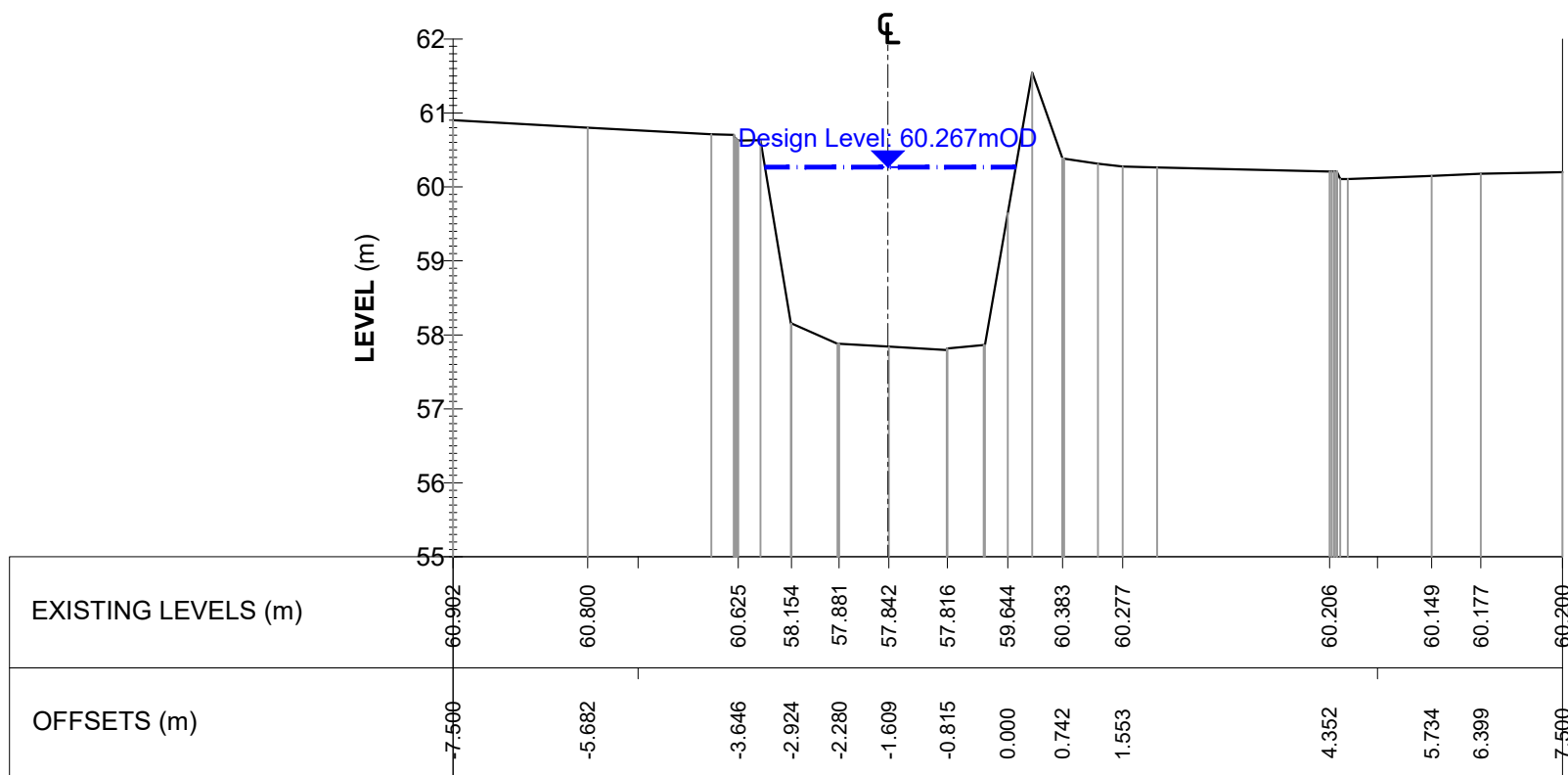
**SECTION WC07** Chainage 0+772.57m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC10** Chainage 0+872.57m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC06** Chainage 0+729.07m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1




**SECTION WC09** Chainage 0+828.07m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1

**NOTE - SECTIONS**


- Section Points on Plan - Refer to DR0001 to DR0004.
- Detail Cross Sections - Refer to DR0111 to DR0114.
- The direction of all sections is from upstream to downstream



Client



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Rev	Date	Dwg Ck'd	Amendment / Issue	App
P01	07/07/20	DR PT	Issue for Stage Approval	MD
P01.02	20/04/20	DR PT	Issue for Stage Approval	MD
P01.01	09/04/20	DR PT	Issue for Stage Approval	MD



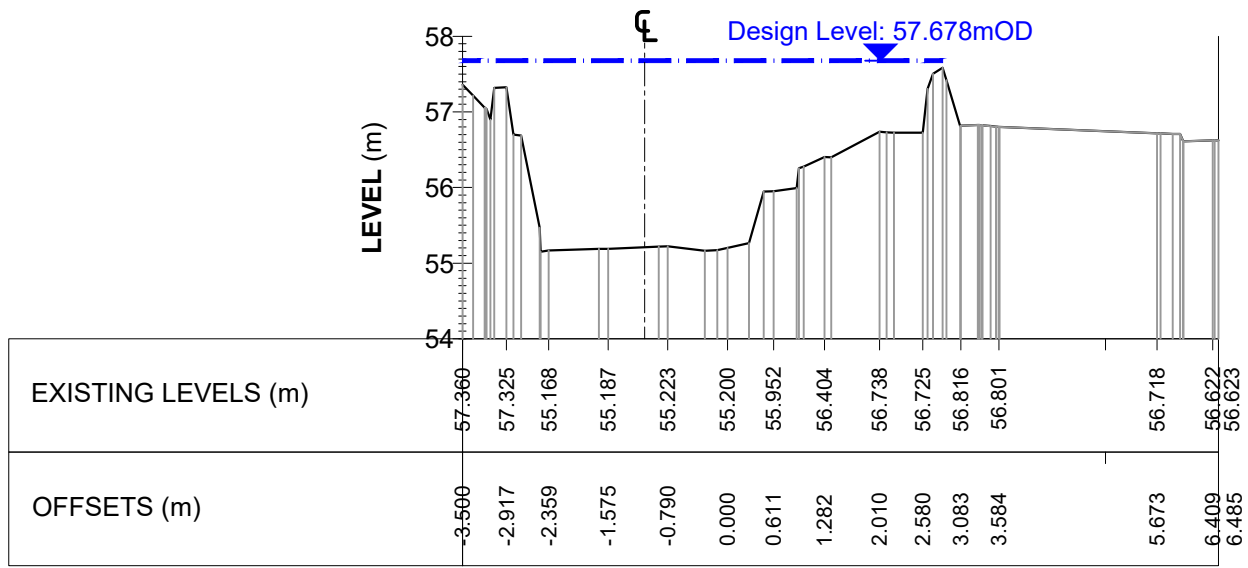
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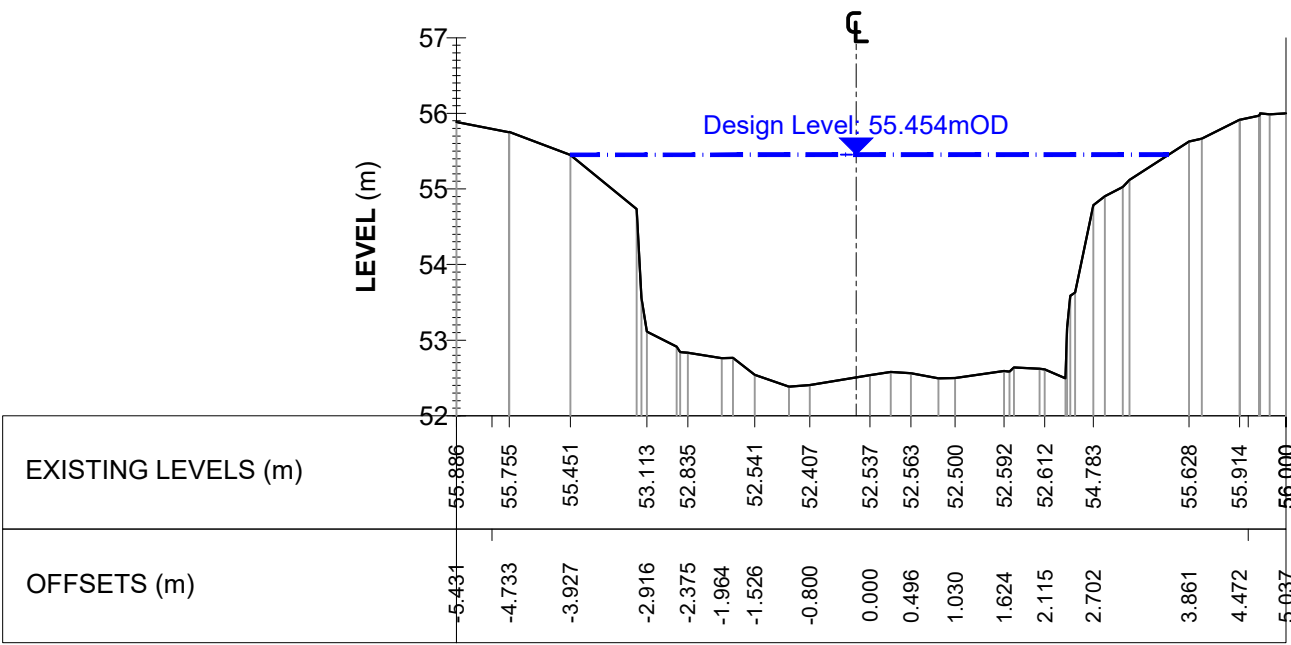
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Scale	1:100 @ A1 1:200 @ A3	Project	WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)		
Created on	15/08/2019	Title	PLANNING APPLICATION DRAWINGS Existing Ground Profiles - Set "WC06 to WC11" 3D Model Data		
Sheets	01 of 04	File Identifier	Drawing No.	Status	Rev
		MDW0825-RPS-00-XX-DR-C-DR0101-0104 - PA Cross Sections	DR0102	S4	P01

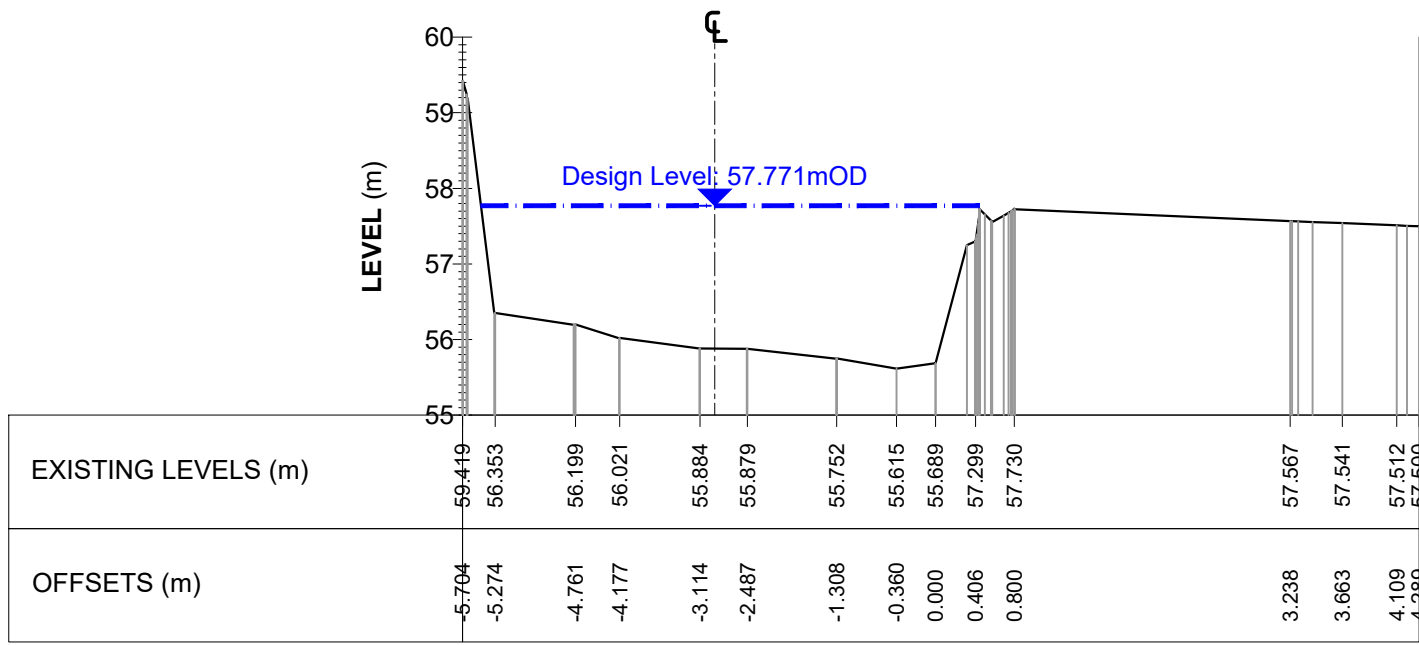




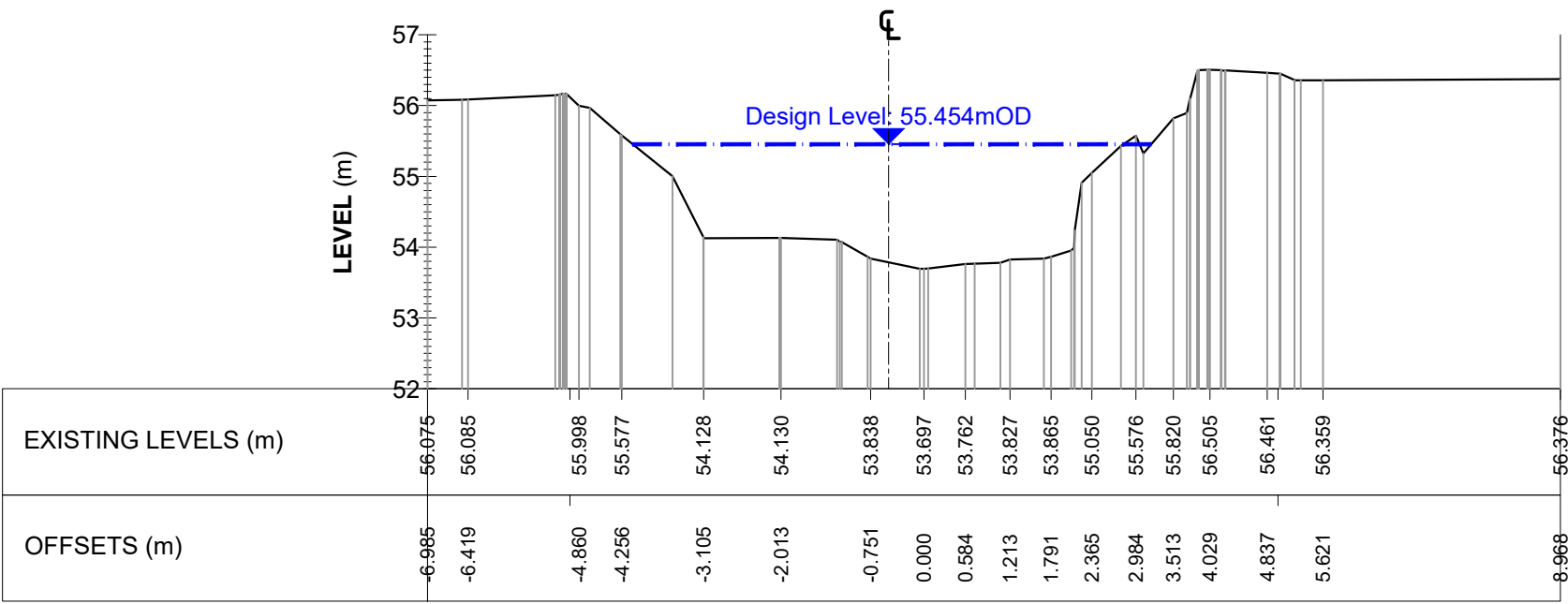
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Scale: Horiz. 1:100, Vert. 1:100 @ A1



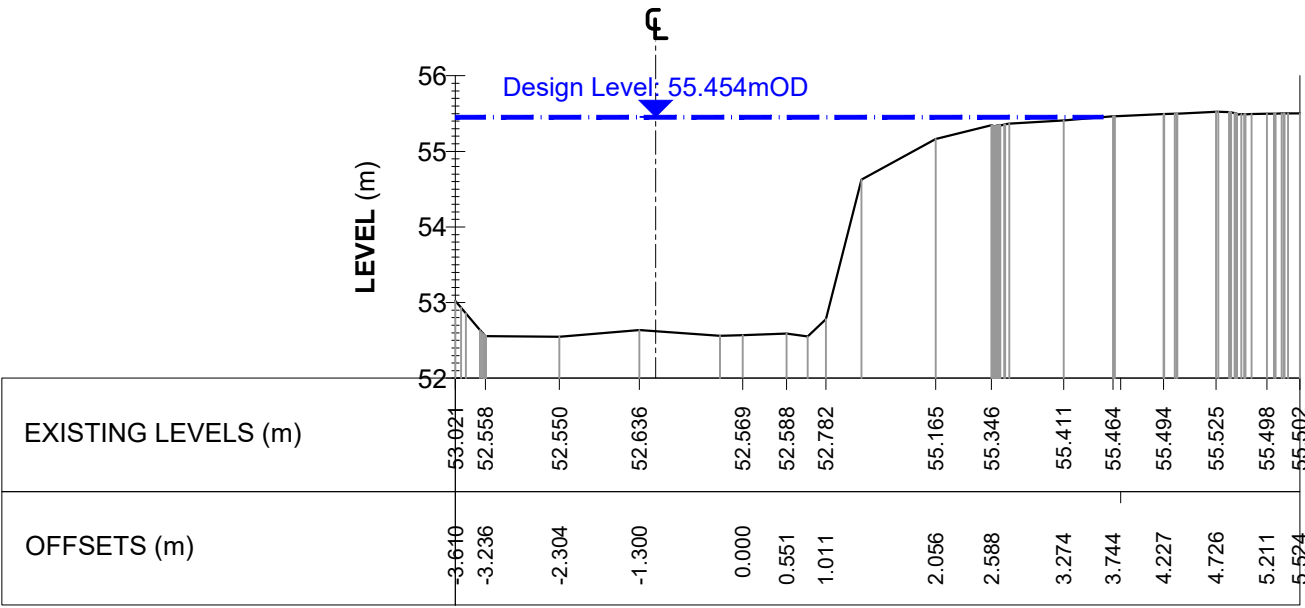
**SECTION WC17** Chainage 1+140.41m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



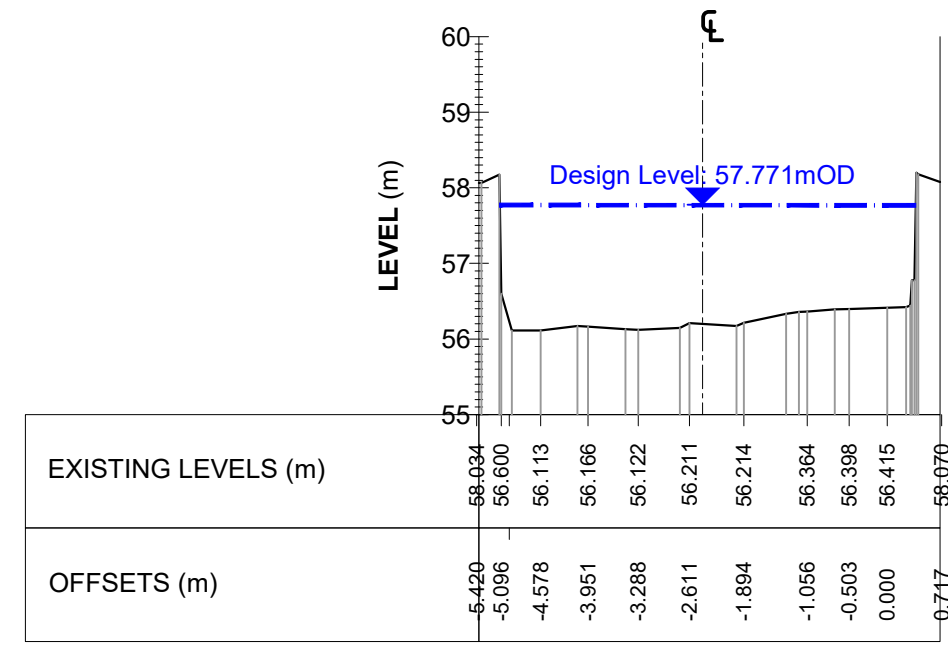
**SECTION WC13** Chainage 1+020.41m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



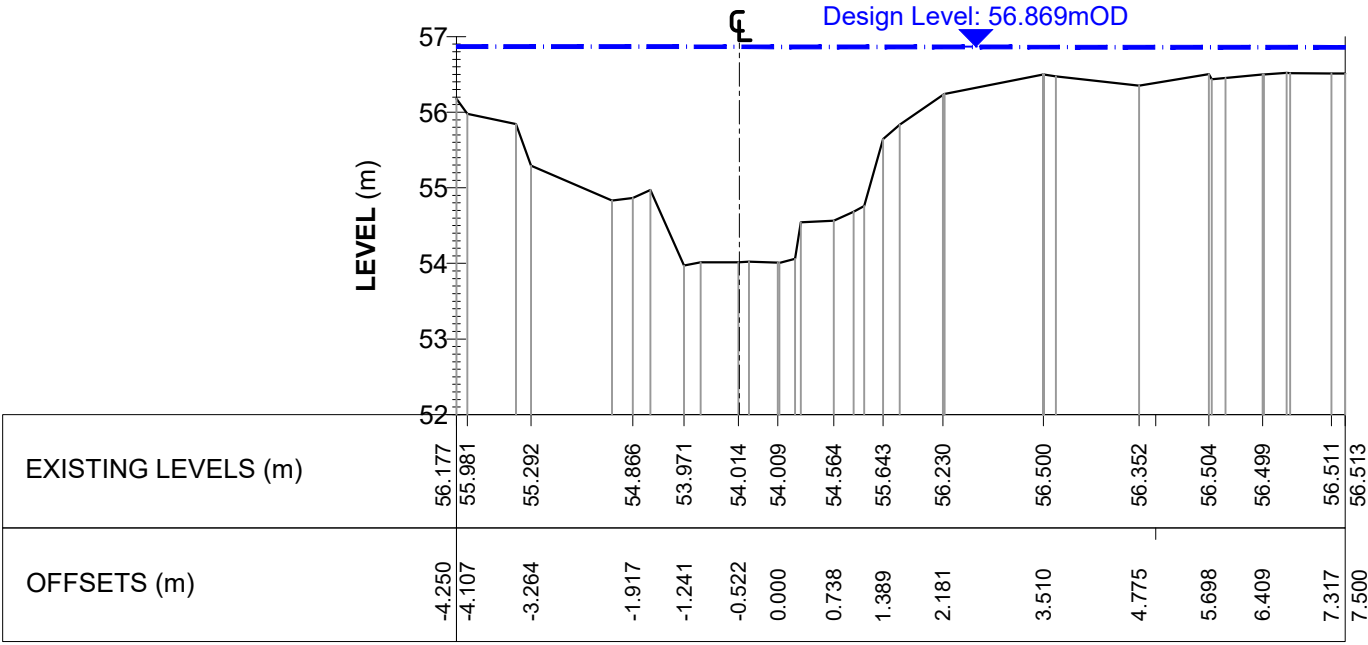
**SECTION WC16** Chainage 1+132.91m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC18** Chainage 1+144.35m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC12** Chainage 0+985.41m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC15** Chainage 1+107.91m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1

**NOTE - SECTIONS**

- Section Points on Plan - Refer to DR0001 to DR0004.
- Detail Cross Sections - Refer to DR0111 to DR0114.
- The direction of all sections is from upstream to downstream

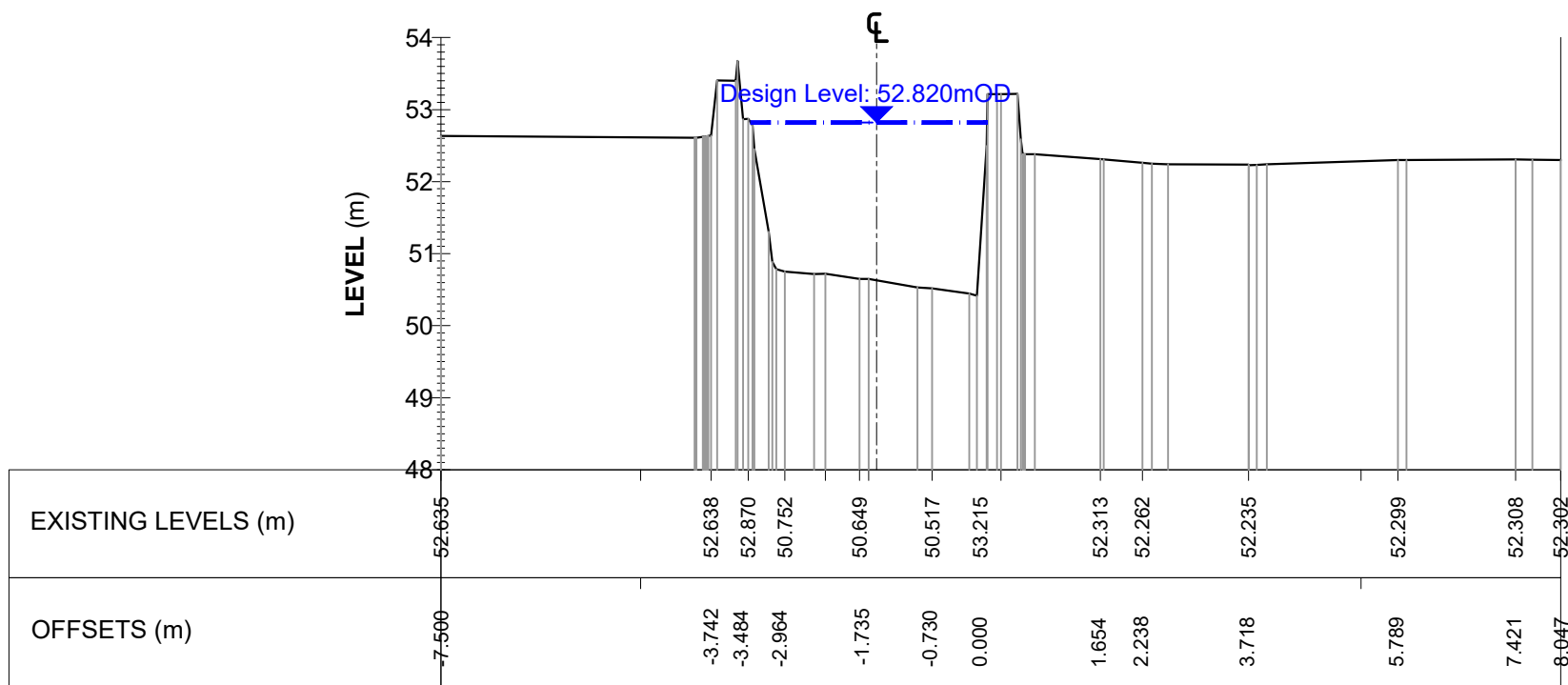


Rev	Date	Dwg Ck'd	Amendment / Issue	App
P01	07/07/20	DR PT	Issue for Stage Approval	MD
P01.02	20/04/20	DR PT	Issue for Stage Approval	MD
P01.01	09/04/20	DR PT	Issue for Stage Approval	MD

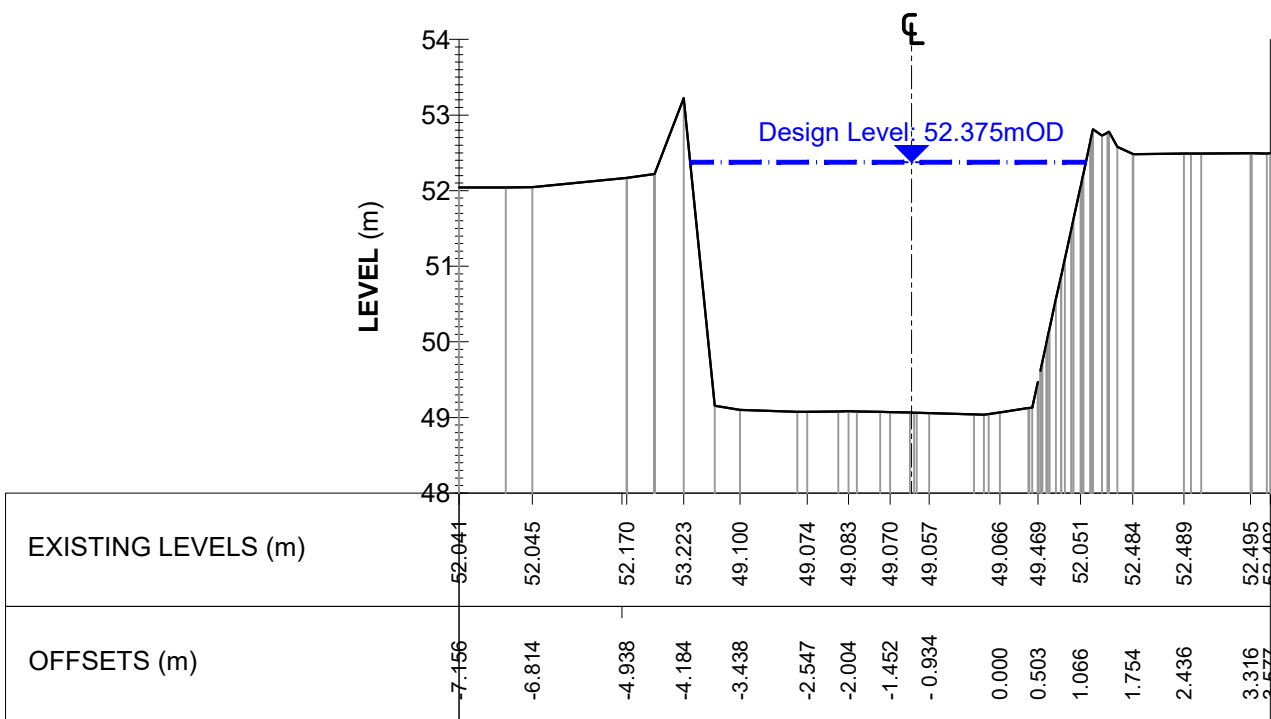
<b>rps</b> MAKING COMPLEX EASY	West Pier Business Campus Dun Laoghaire Co. Dublin A96 N6T7	T +353 (0)1 4882900 W www.rpsgroup.com/ireland E ireland@rpsgroup.com
Model File Identifier		

Scale 1:100 @ A1 1:200 @ A3	Project <b>WHITECHURCH FLOOD ALLEVIATION SCHEME</b> Section 177AE of the Planning & Development Act 2000 ( <i>as amended</i> )
Created on 15/08/2019	Title <b>PLANNING APPLICATION DRAWINGS</b> Existing Ground Profiles - Set "WC12 to WC18" 3D Model Data
Sheets 01 of 04	File Identifier MDW0625-RPS-00-XX-DR-C-DR0101-0104 - PA Cross Sections
Drawing No. DR0103	Status S4
Rev P01	

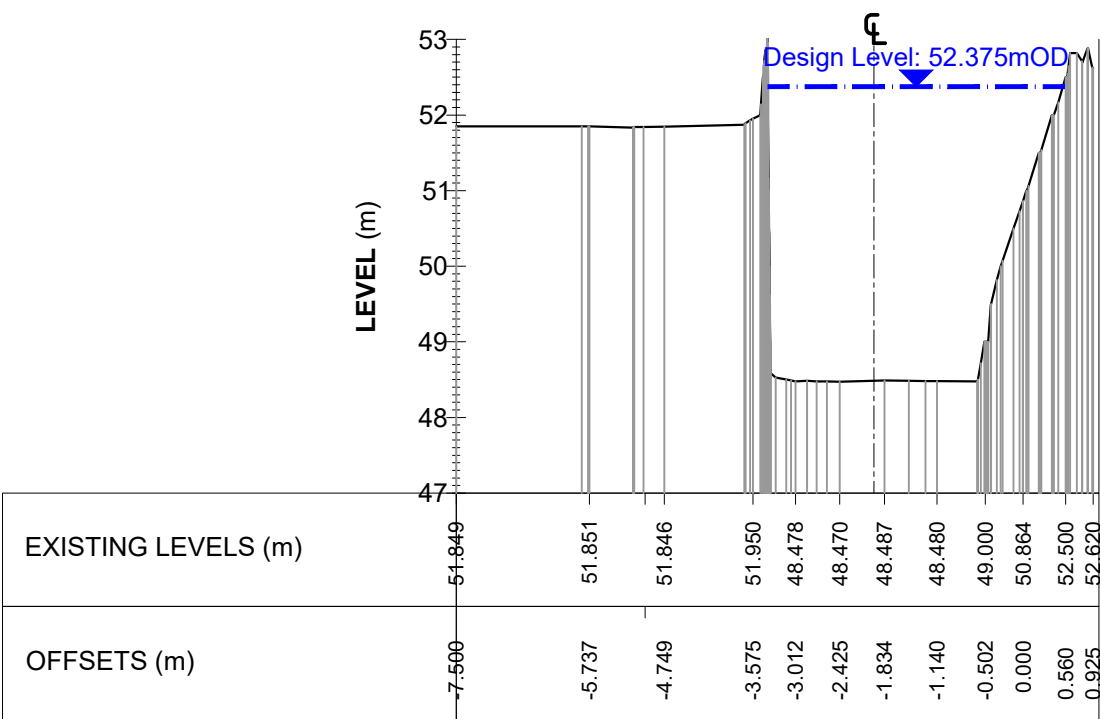




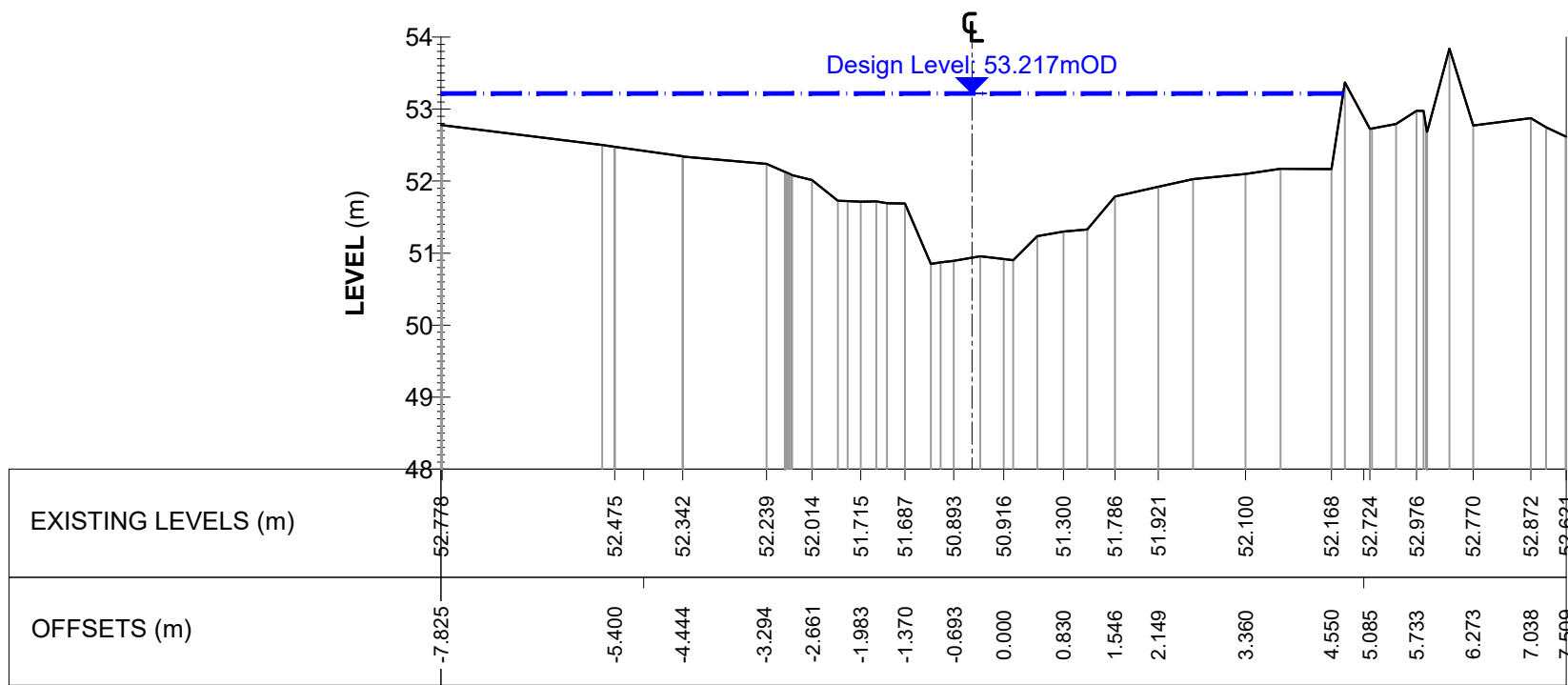
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Scale: Horiz. 1:100, Vert. 1:100 @ A1



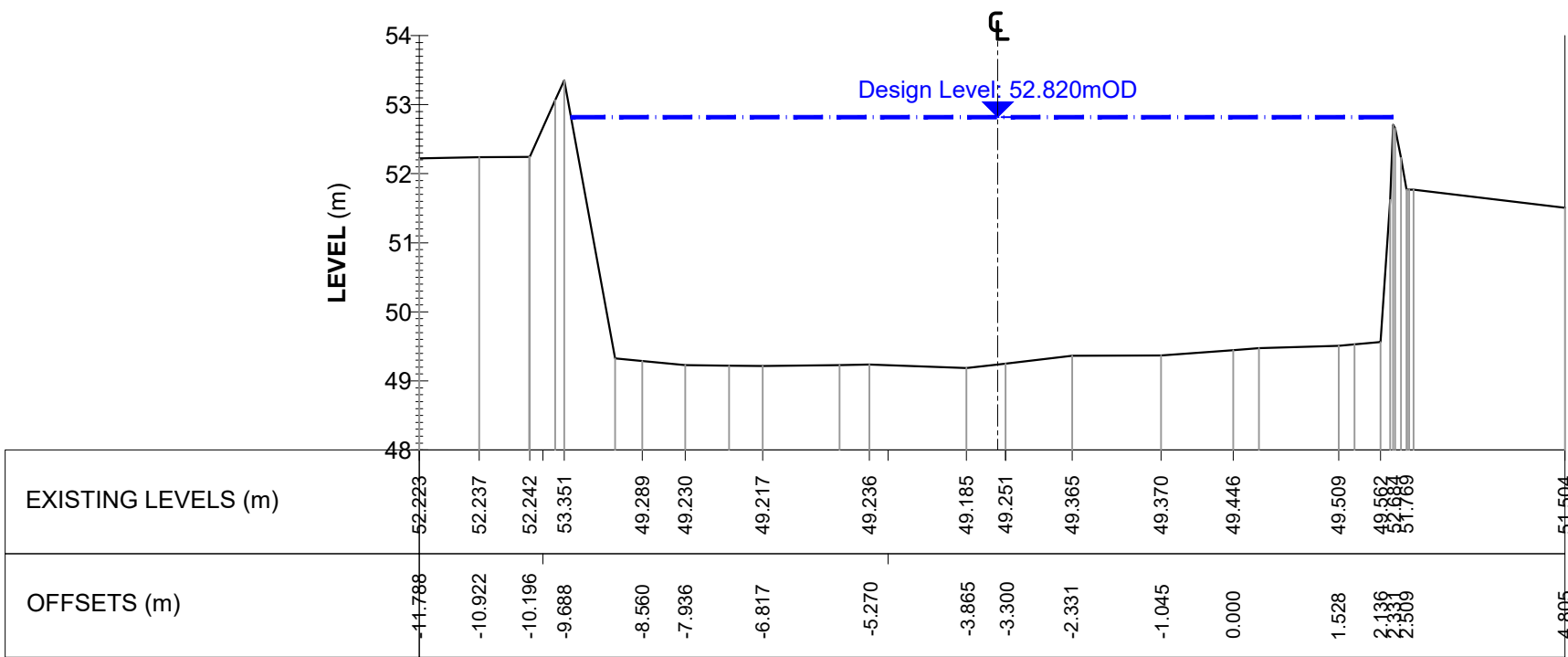
**SECTION WC24** Chainage 1+421.20m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



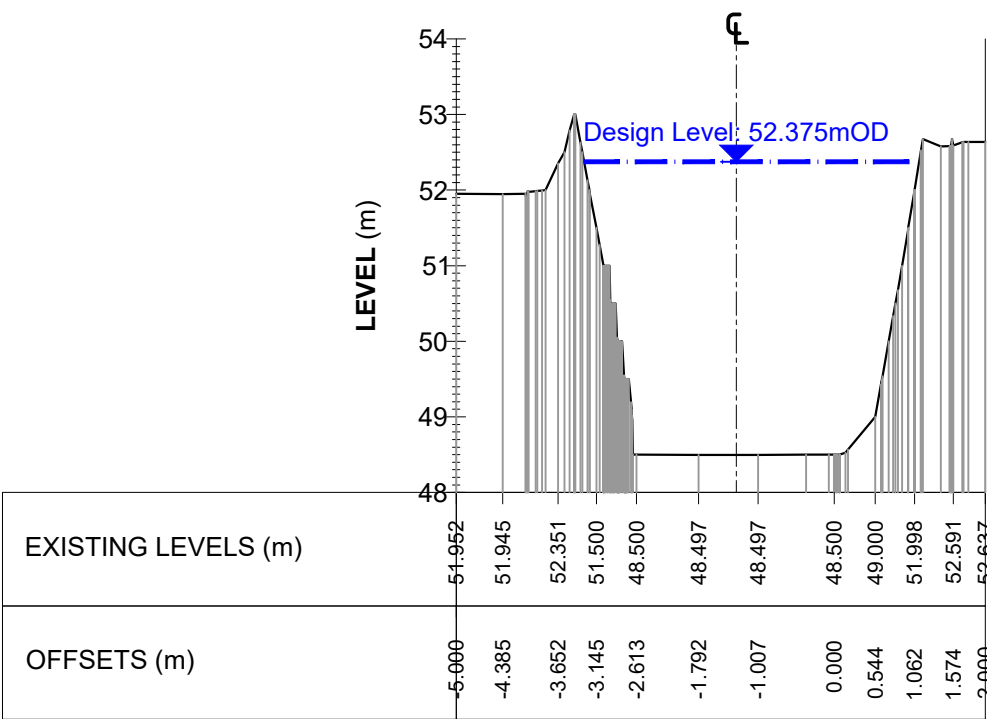
**SECTION WC26** Chainage 1+449.07m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



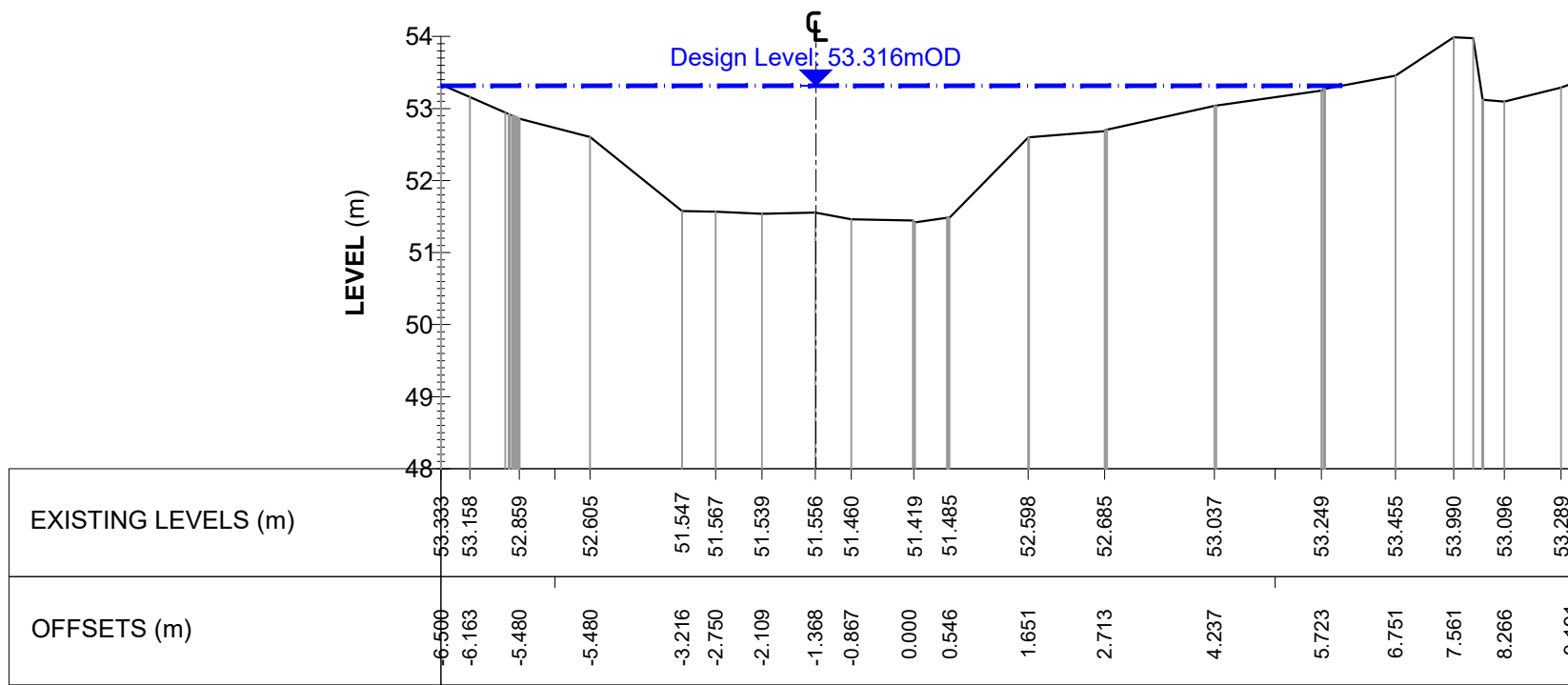
**SECTION WC20** Chainage 1+277.57m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



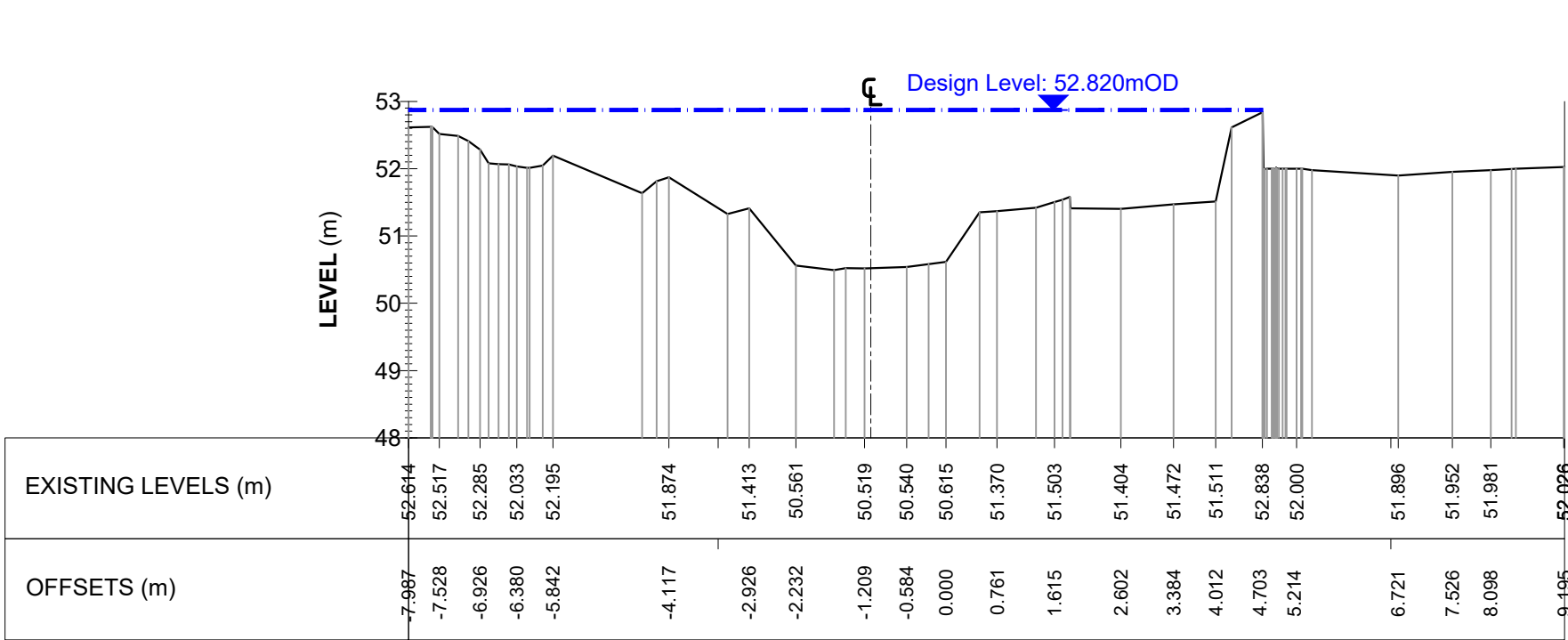
**SECTION WC23** Chainage 1+403.73m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC25** Chainage 1+435.82  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC19** Chainage 1+252.57m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1



**SECTION WC22** Chainage 1+330.08m  
Scale: Horiz. 1:100, Vert. 1:100 @ A1

- NOTE - SECTIONS**
- Section Points on Plan - Refer to DR0001 to DR0004.
  - Detail Cross Sections - Refer to DR0111 to DR0114.
  - The direction of all sections is from upstream to downstream

1m SCALE 1:100

Client



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(v) All Levels refer to Ordnance Survey Datum, Malin Head.

Rev	Date	Dwg Cmk	Amendment / Issue	App
P01	07/07/20	DR PT	Issue for Stage Approval	MD
P01.02	20/04/20	DR PT	Issue for Stage Approval	MD
P01.01	09/04/20	DR PT	Issue for Stage Approval	MD

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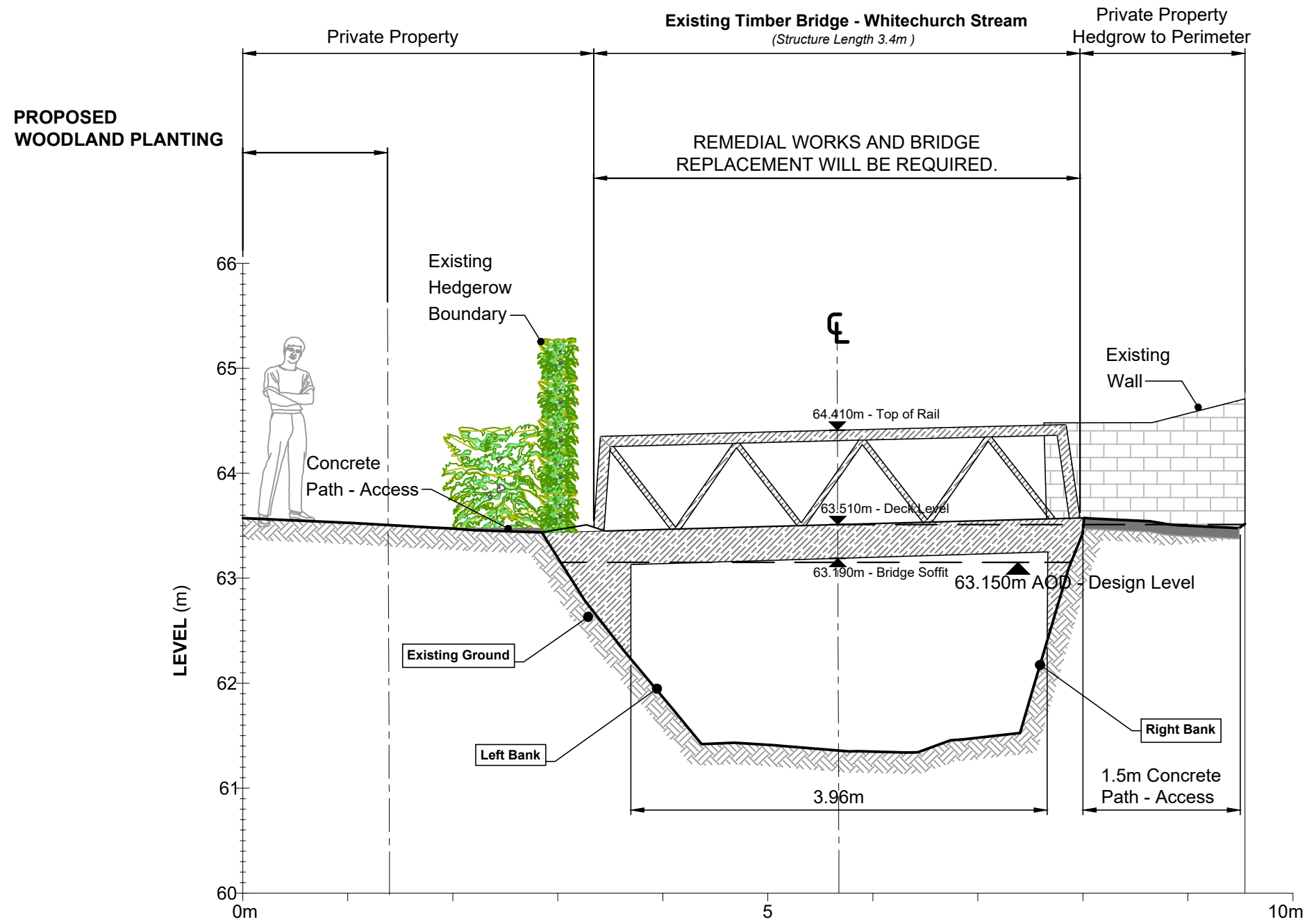
Scale  
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1:200 @ A3  
Created on  
15/08/2019  
Sheets  
01 of 04

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)  
Title  
**PLANNING APPLICATION DRAWINGS**  
Existing Ground Profiles - Set "WC19 to WC26"  
3D Model Data

File Identifier MDW0825-RPS-00-XX-DR-C-DR0101-0104 - PA Cross Sections	Drawing No. DR0104	Status S4	Rev P01
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R:\MDW0825 - Whitechurch Flood Alleviation\9.0 Drawings\00-MDW0825-RPS-00-XX-DR-C-DR0111-0114 - PA Detailed Cross Sections.dwg



**SECTIONAL DETAIL WC05 - Chainage 0+622.07m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1

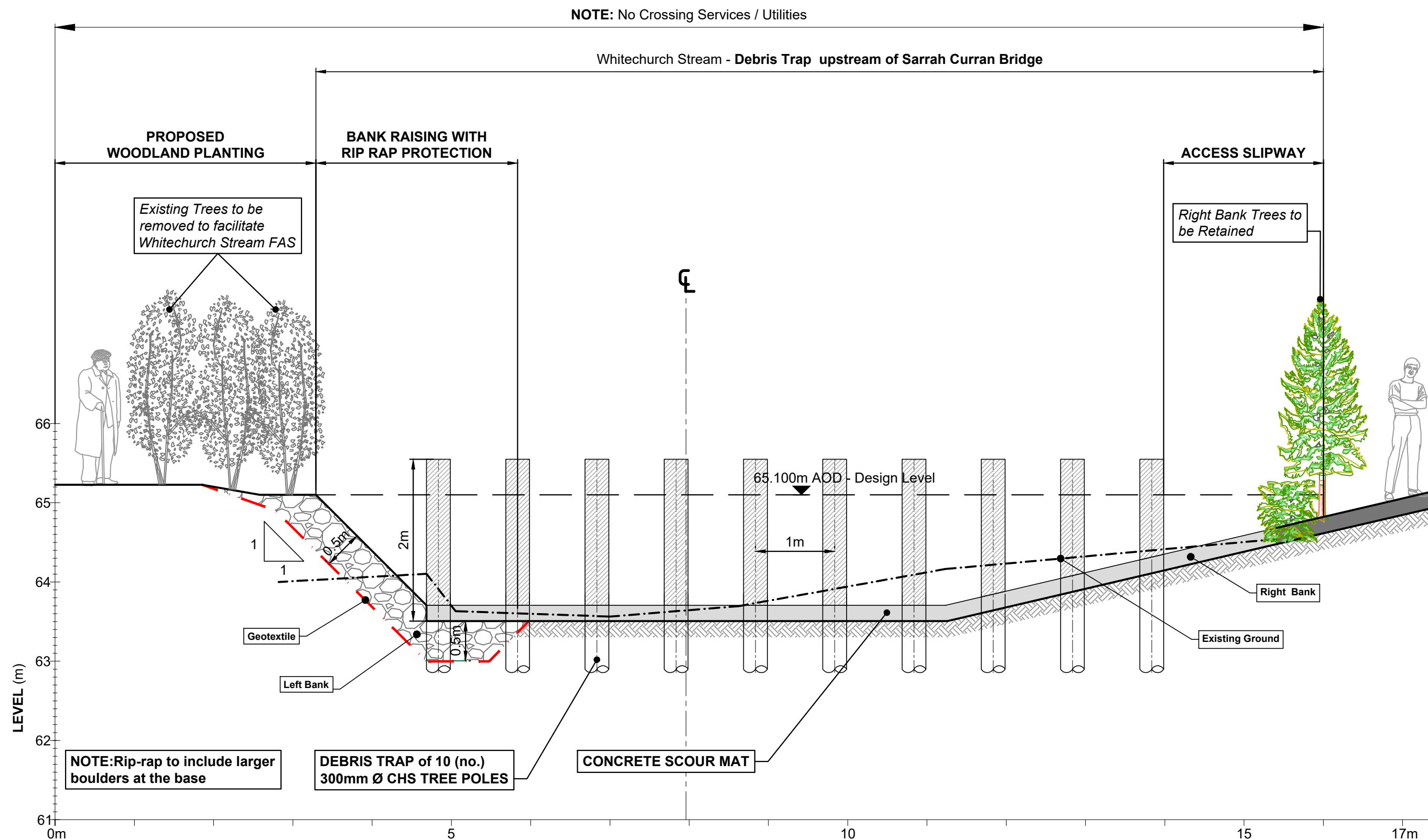
**NOTE - OTHER DETAILS**

- For Landscape & Visual Impact Assessment (LVIA) Figures 1a to 1d - Refer to SK2000 (Set of 4).
- Depth & Type of Foundation to be the subject of Detailed Structural Design

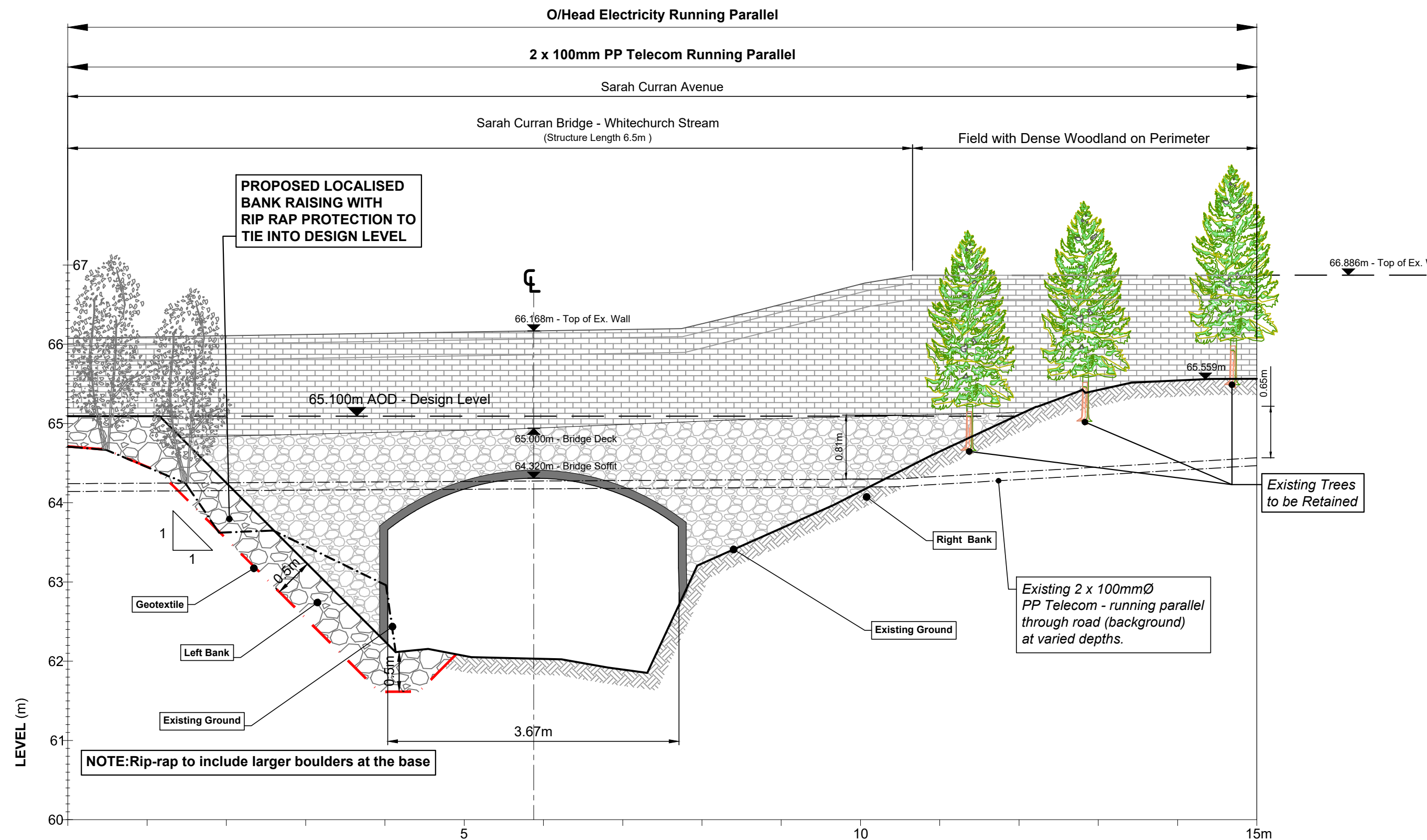
**NOTE - SECTIONS**

- Section Points on Plan - Refer to DR0001 to DR0004.
- 3D Model Cross Sections - Refer to DR0101 to DR0104.

PLEASE NOTE THAT THE DIRECTION OF ALL SECTIONS IS FROM UPSTREAM TO DOWNSTREAM.



**SECTIONAL DETAIL WC01 - Chainage 0+510.10m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



**SECTIONAL DETAIL WC03 - Chainage 0+572.25m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1

1m SCALE 1:50

Client



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P01.02	20/04/20	DR	PT	Issue for Work Approval	MD
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Rev	Date	Dwg	Chk	Amendment / Issue	App



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Model File Identifier

Scale  
1:50 @ A1  
1:100 @ A3

Created on  
15/08/2019  
Sheets  
01 of 04

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title  
**PLANNING APPLICATION DRAWINGS**  
Detailed Proposed Works Sections -  
Set 1

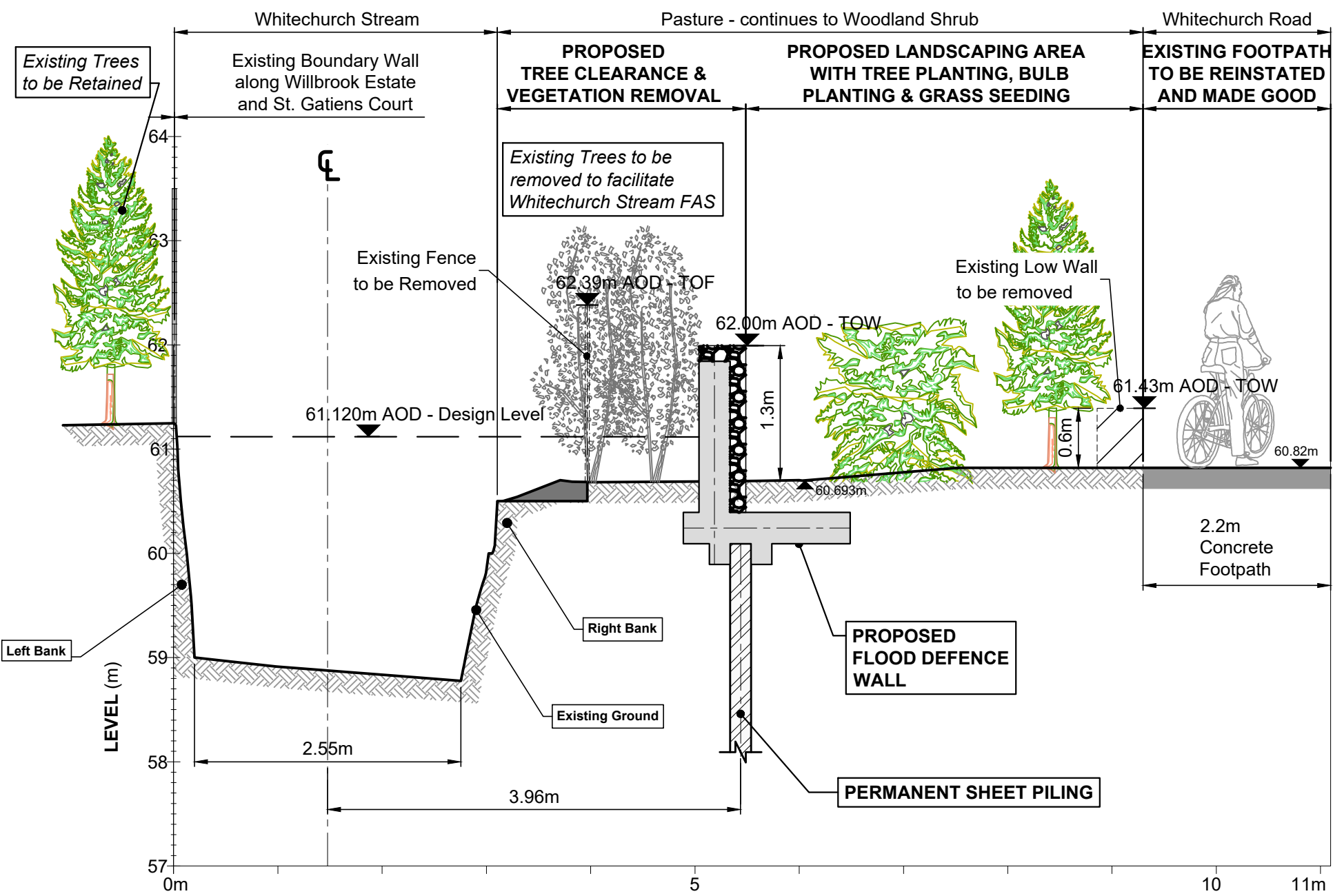
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MDW0825-RPS-00-XX-DR-C-DR0111 - 0114

Drawing No.  
DR0111

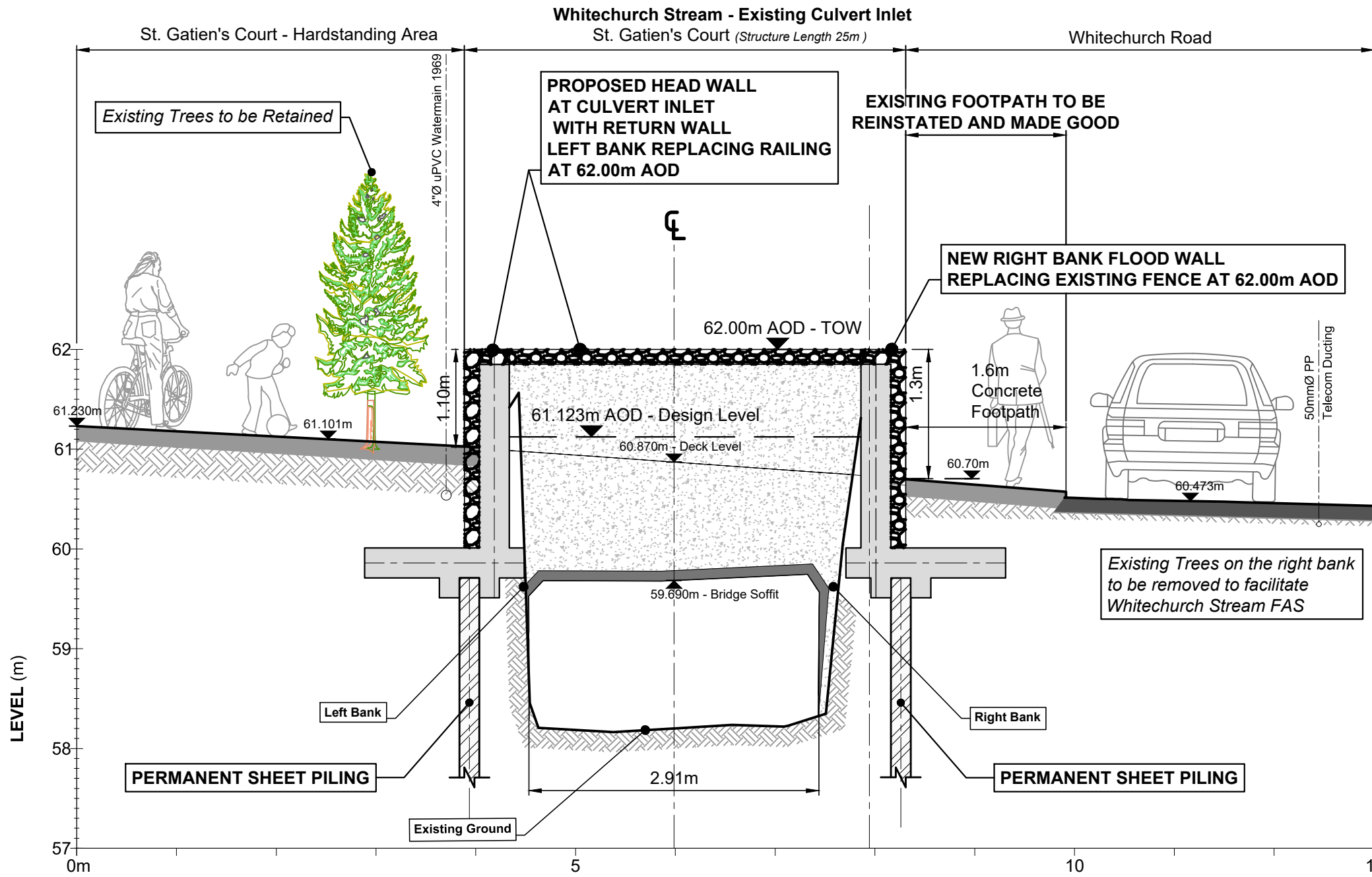
Status  
S4

Rev  
P01

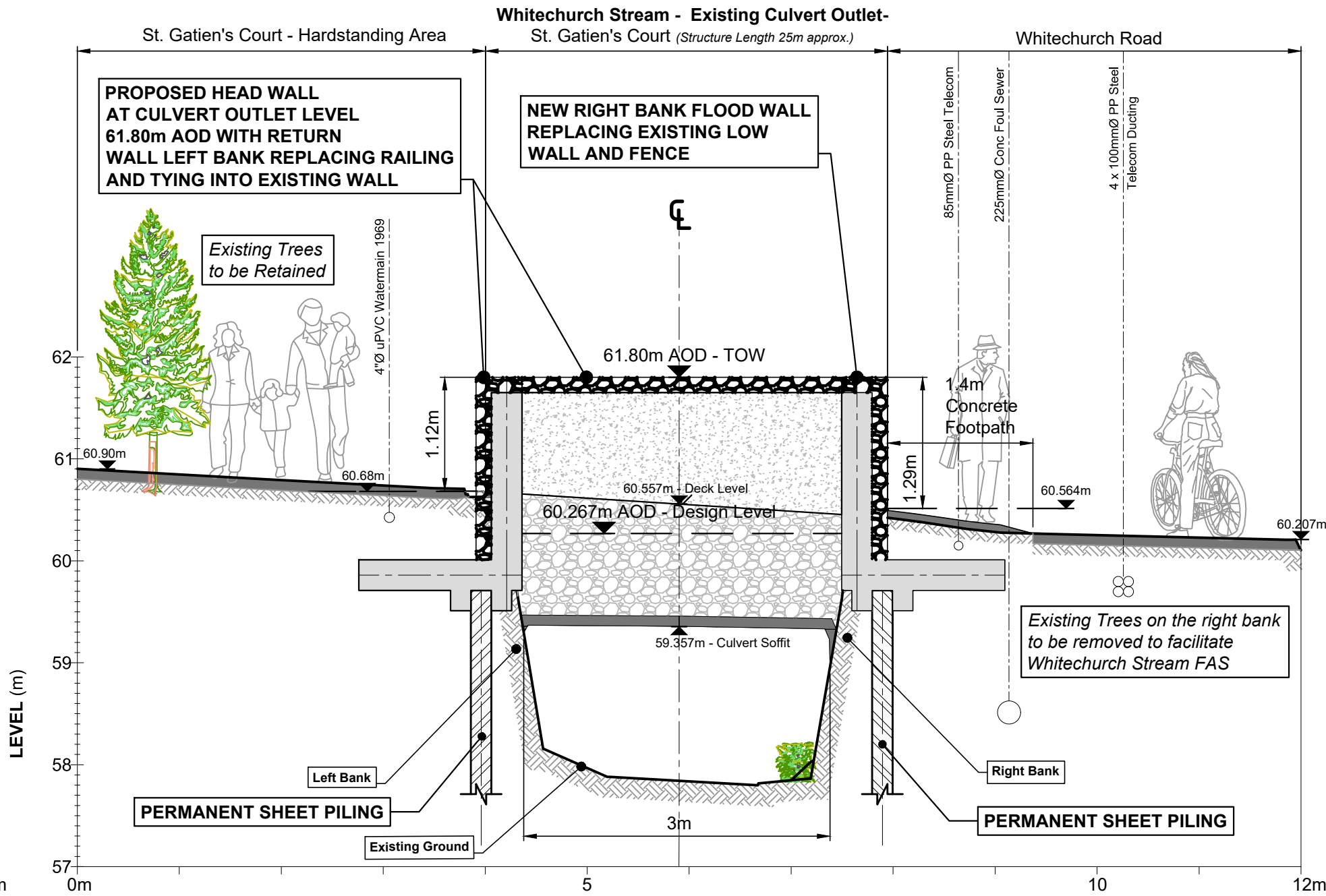




**SECTIONAL DETAIL WC07 - Chainage 0+772.57m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



**SECTIONAL DETAIL WC08 - Chainage 0+803.53m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



**SECTIONAL DETAIL WC09 - Chainage 0+828.07m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1

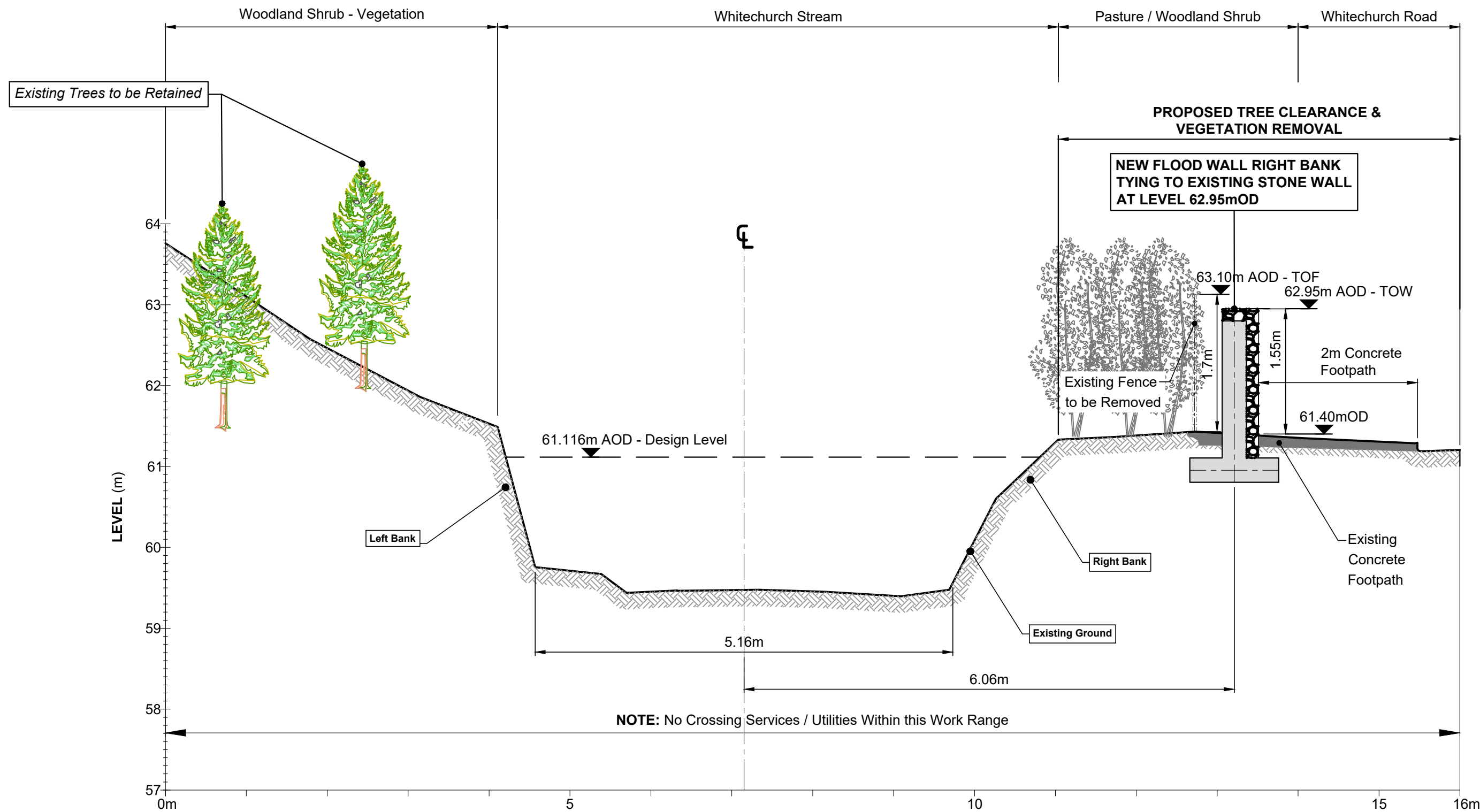
**NOTE - SECTIONS**

- Section Points on Plan - Refer to DR0001 to DR0004.
- 3D Model Cross Sections - Refer to DR0101 to DR0104.

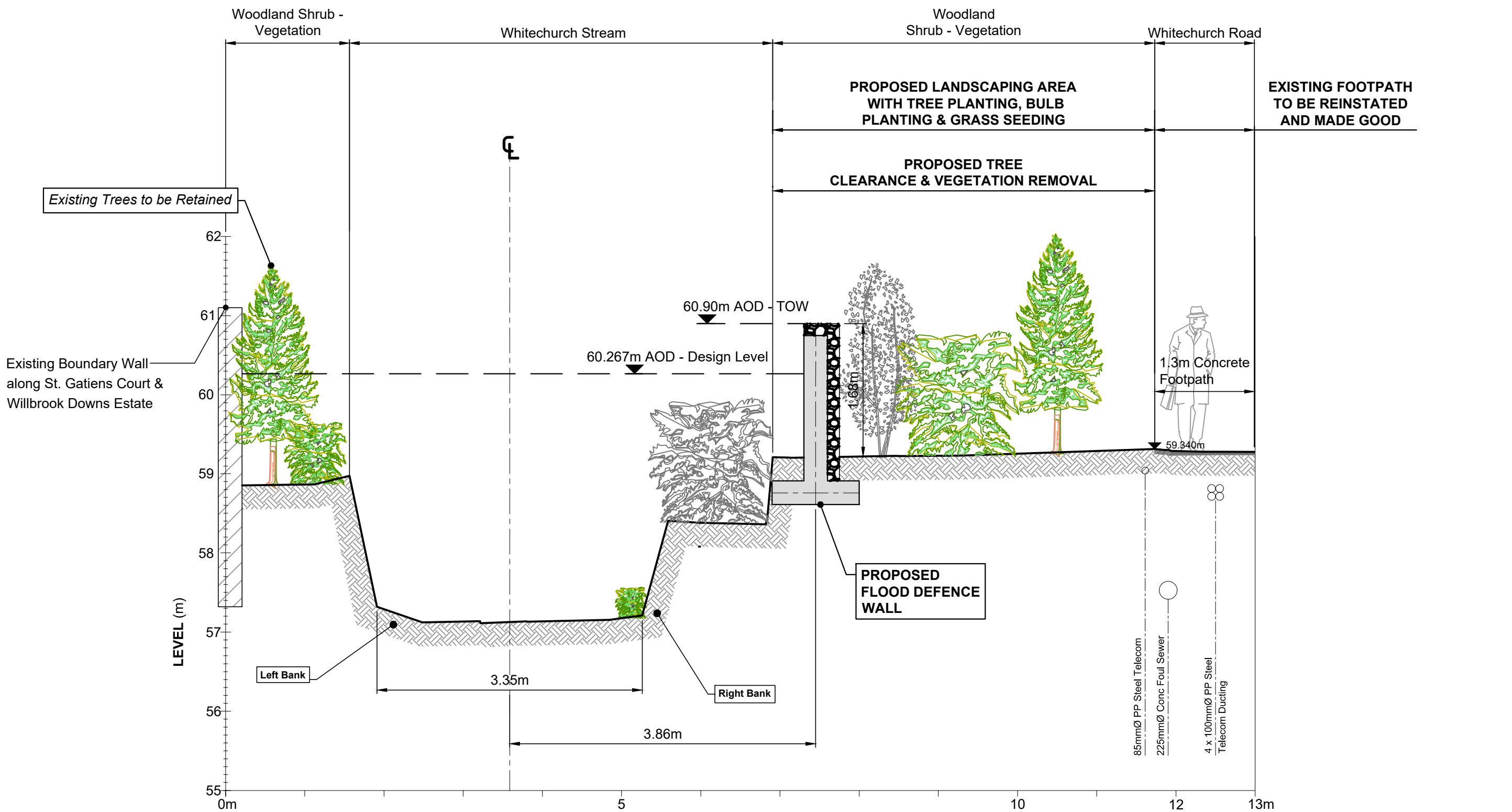
PLEASE NOTE THAT THE DIRECTION OF ALL SECTIONS IS FROM UPSTREAM TO DOWNSTREAM.

**NOTE - OTHER DETAILS**

- For Landscape & Visual Impact Assessment (LVIA) Figures 1a to 1d - Refer to SK2000 (Set of 4).
- Depth & Type of Foundation to be the subject of Detailed Structural Design



**SECTIONAL DETAIL WC06 - Chainage 0+729.07m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



**SECTIONAL DETAIL WC10 - Chainage 0+872.57m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



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P01.02	20/04/20	DR	PT	Issue for Work Approval	MD
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Model File Identifier

Scale  
1:50 @ A1  
1:100 @ A3

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15/08/2019  
Sheets  
02 of 04

File Identifier  
MDW0825-RPS-00-XX-DR-C-DR0111 - 0114

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)

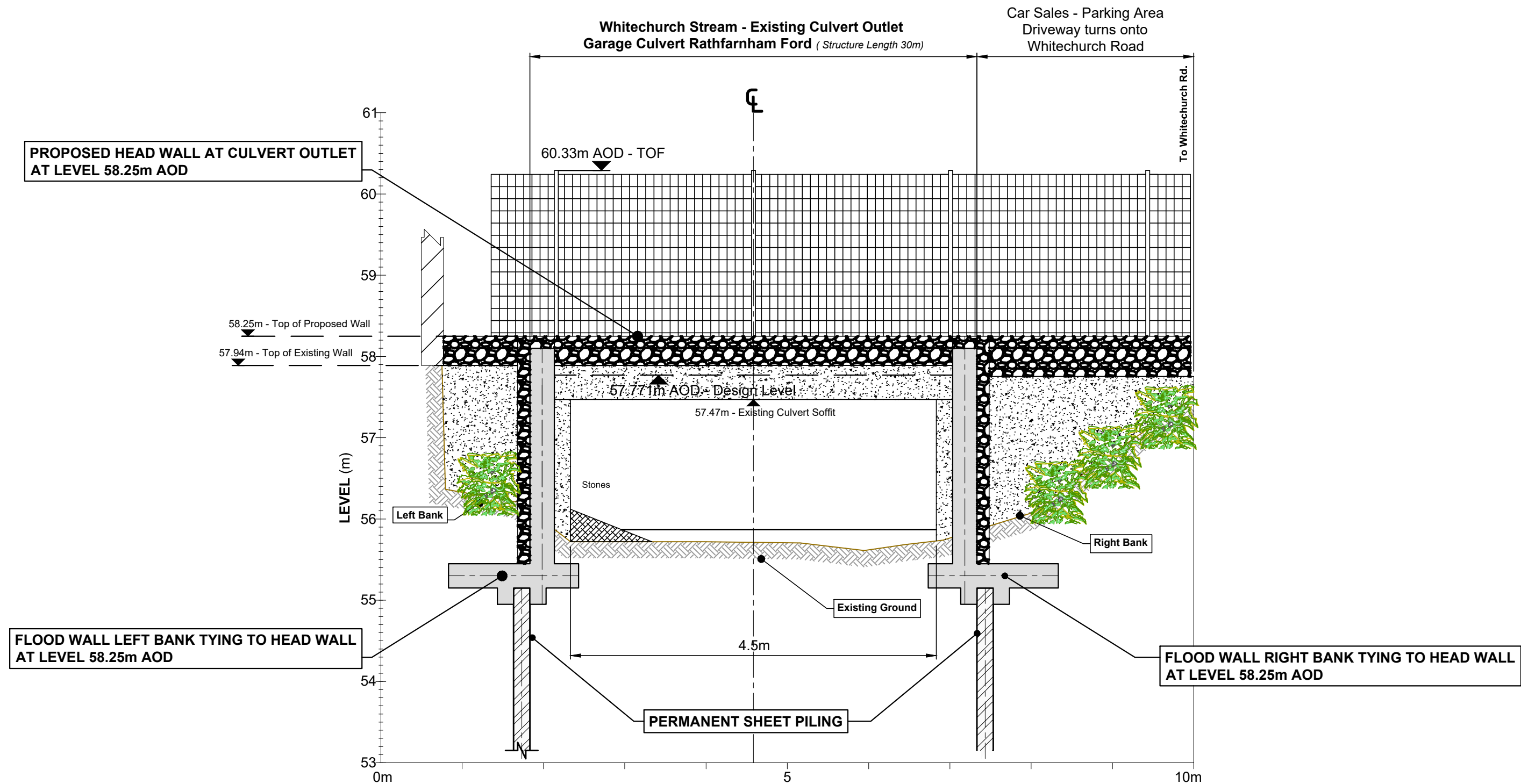
Title  
**PLANNING APPLICATION DRAWINGS**  
Detailed Proposed Works Sections -  
Set 2

Drawing No. DR0112	Status S4	Rev P01
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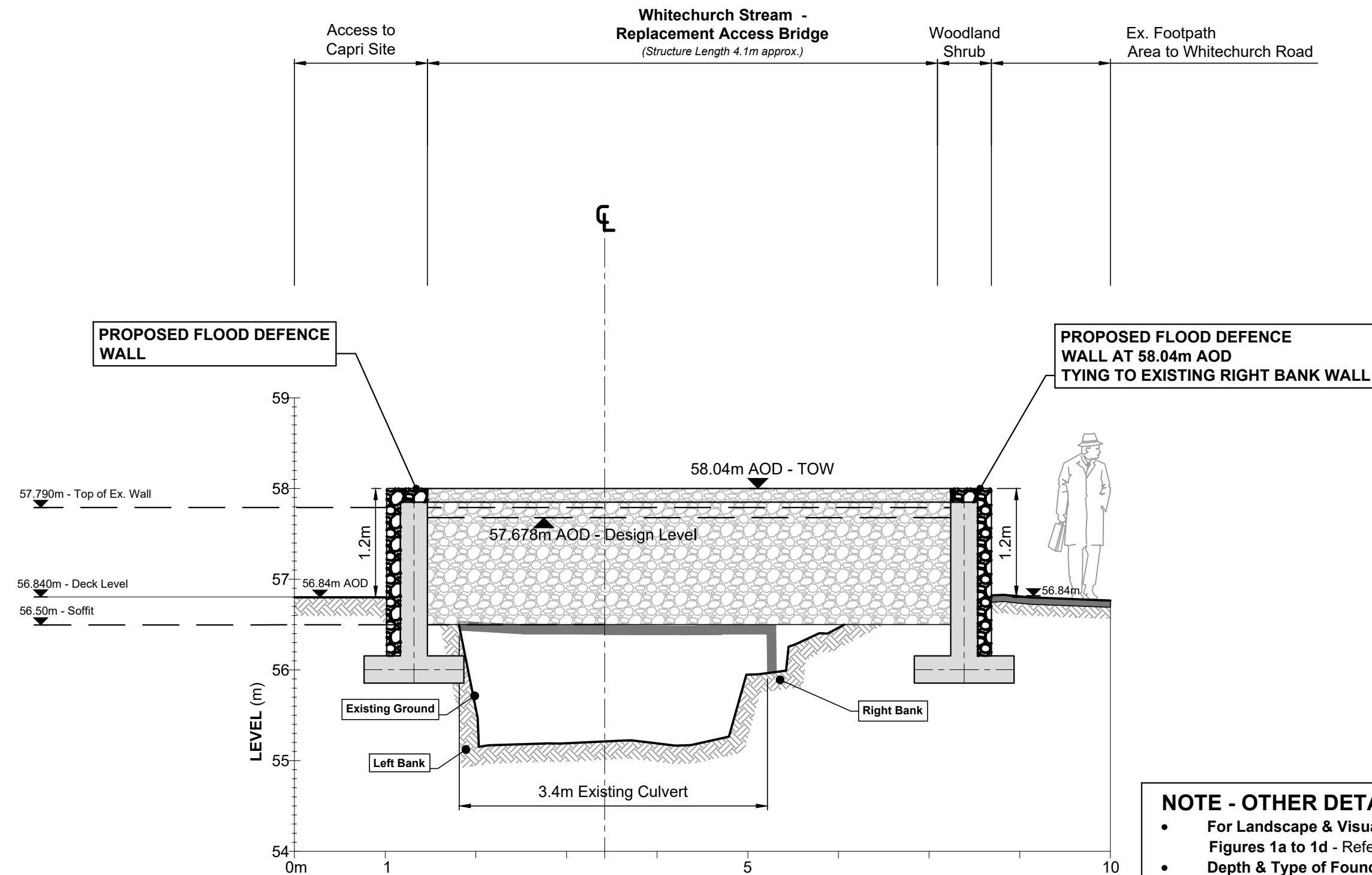
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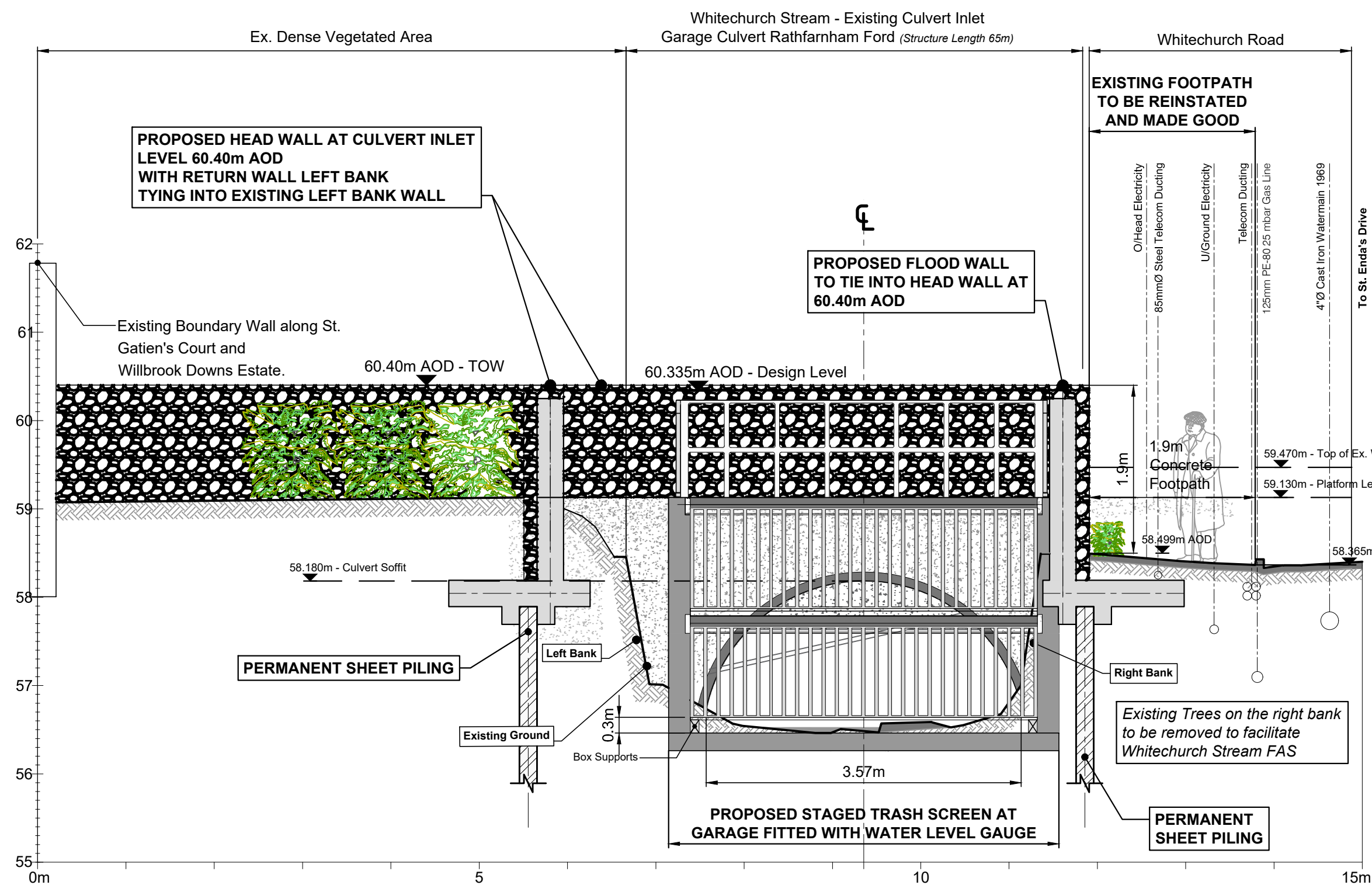
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Scale: Horiz. 1:50, Vert. 1:50 @ A1



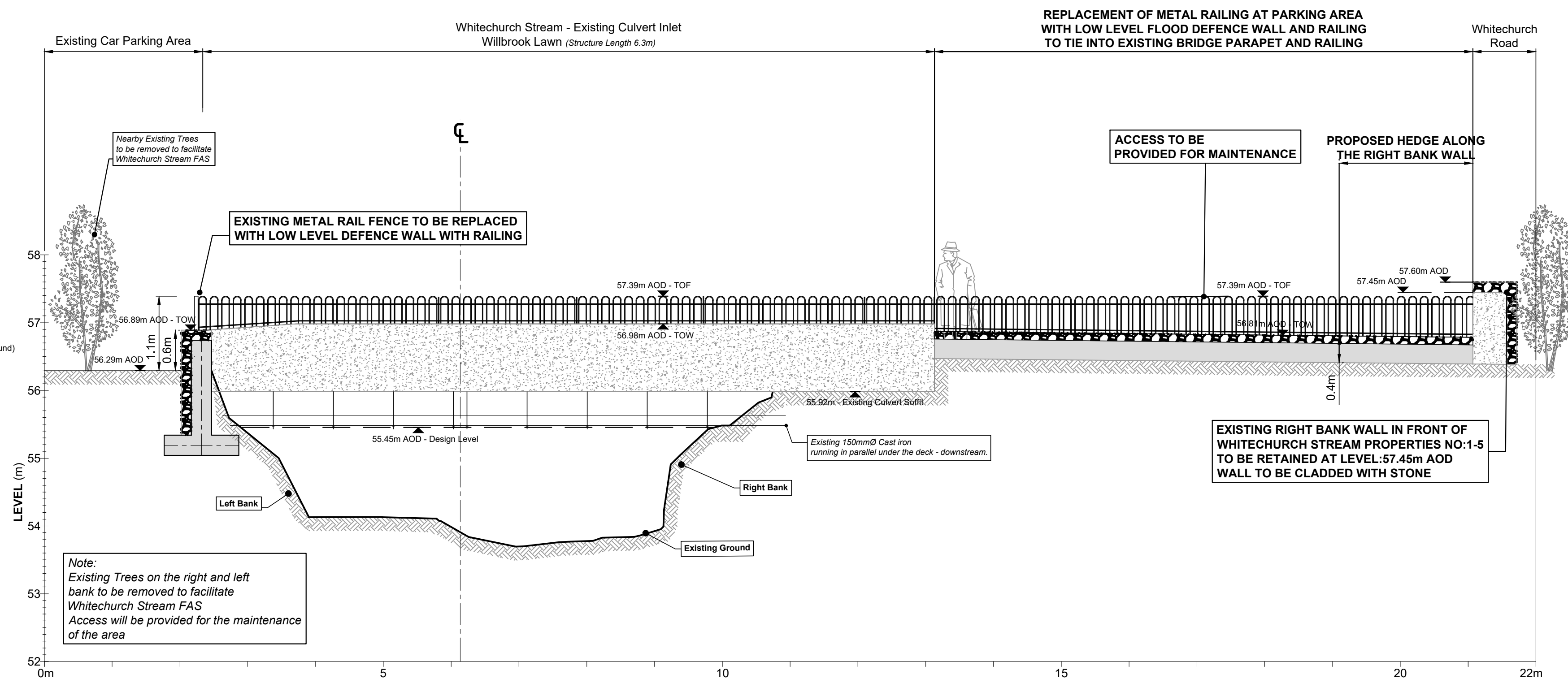
NOTE: The location of the replacement bridge  
may be upstream of this original location and is  
part of the proposed developments at the Capri Site.

**SECTIONAL DETAIL WC14 - Chainage 1+075.41m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1

- NOTE - OTHER DETAILS**
- For Landscape & Visual Impact Assessment (LVIA)  
Figures 1a to 1d - Refer to SK2000 (Set of 4).
  - Depth & Type of Foundation  
to be the subject of Detailed Structural Design
- NOTE - SECTIONS**
- Section Points on Plan - Refer to DR0001 to DR0004.
  - 3D Model Cross Sections - Refer to DR0101 to DR0104.
- PLEASE NOTE THAT THE DIRECTION OF ALL  
SECTIONS IS FROM UPSTREAM TO DOWNSTREAM.



**SECTIONAL DETAIL WC11 - Chainage 0+917.57m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1



**SECTIONAL DETAIL WC16 - Chainage 1+132.91m**  
Scale: Horiz. 1:50, Vert. 1:50 @ A1

1m SCALE 1:50

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P01.02	20/04/20	DR	PT	Issue for Work Approval	MD
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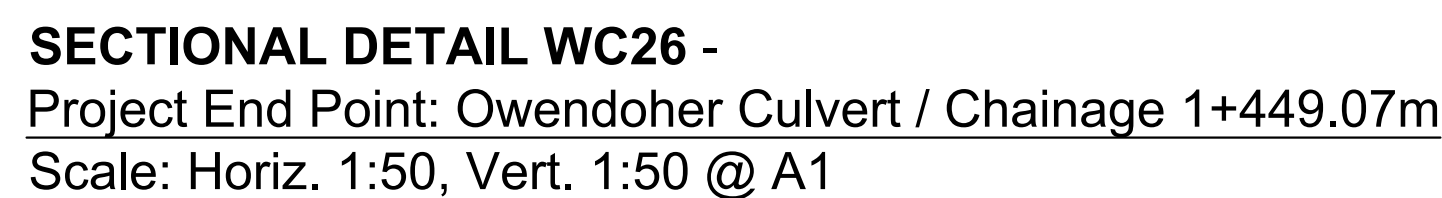
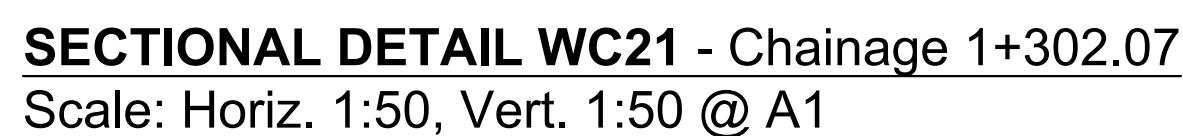
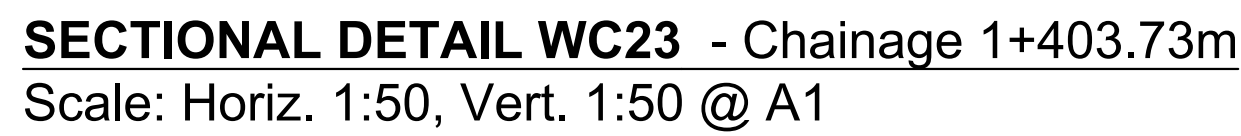
Created on  
15/08/2019  
Sheets  
03 of 04

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title  
**PLANNING APPLICATION DRAWINGS**  
Detailed Proposed Works Sections -  
Set 3

File Identifier MDW0825-RPS-00-XX-DR-C-DR0111 - 0114	Drawing No. DR0113	Status S4	Rev P01
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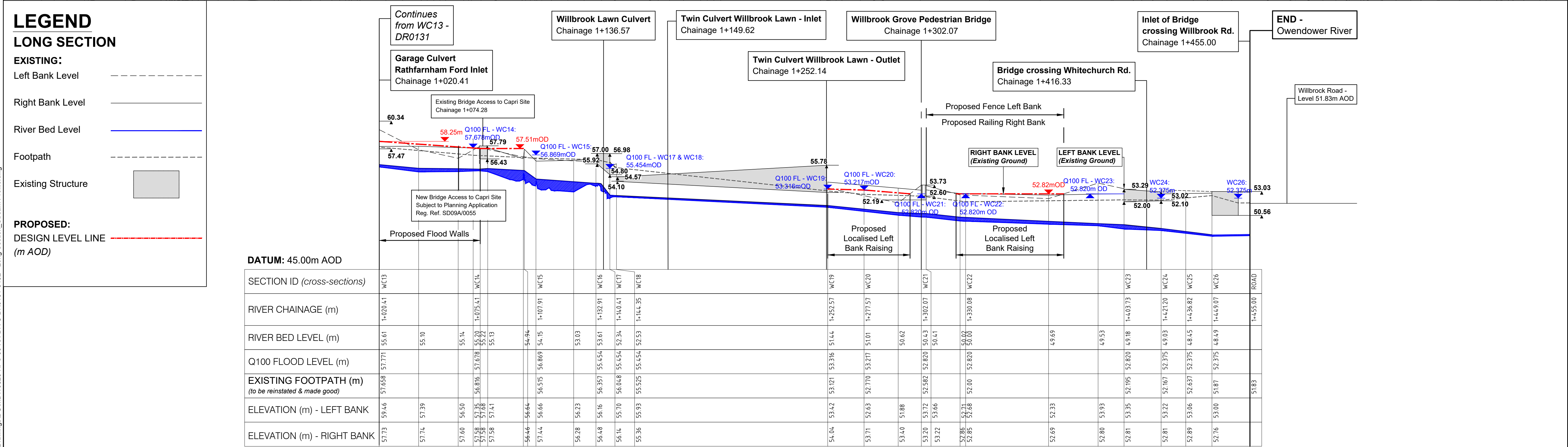
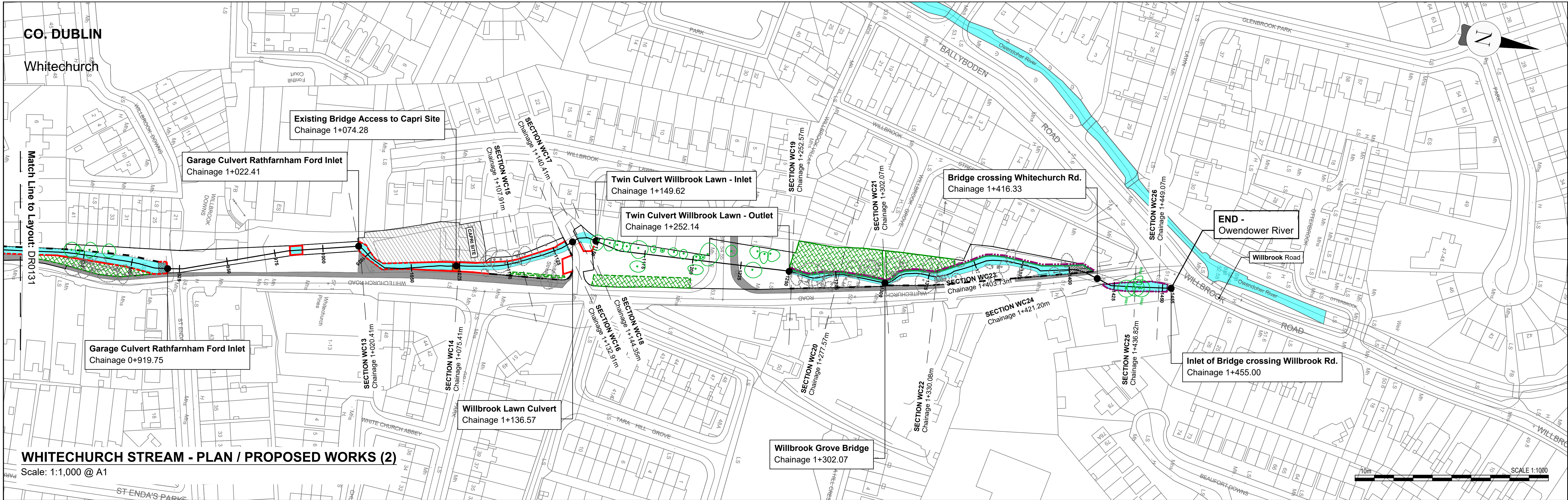


1m SCALE 1:50









WHITECHURCH STREAM PROFILE - LONG SECTION / PROPOSED WORKS (2)  
Scale: Horiz. 1:1000, Vert. 1:200 @ A1

Client

Comhairle Contae  
Atha Cliath Theas  
South Dublin County Council

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P01.03	20/05/20	DR	PT	Issue for Stage Approval	MD
P01.02	20/04/20	DR	PT	Issue for Stage Approval	MD
P01.01	09/04/20	DR	PT	Issue for Stage Approval	MD
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--- @ A3

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Sheets  
02 of 02

Project  
WHITECHURCH FLOOD ALLEVIATION SCHEME  
Section 177AE of the Planning & Development Act 2000 (as amended)

Title  
PLANNING APPLICATION DRAWINGS  
LONG SECTION - WHITECHURCH STREAM PROFILE  
Sheet 2 of 2

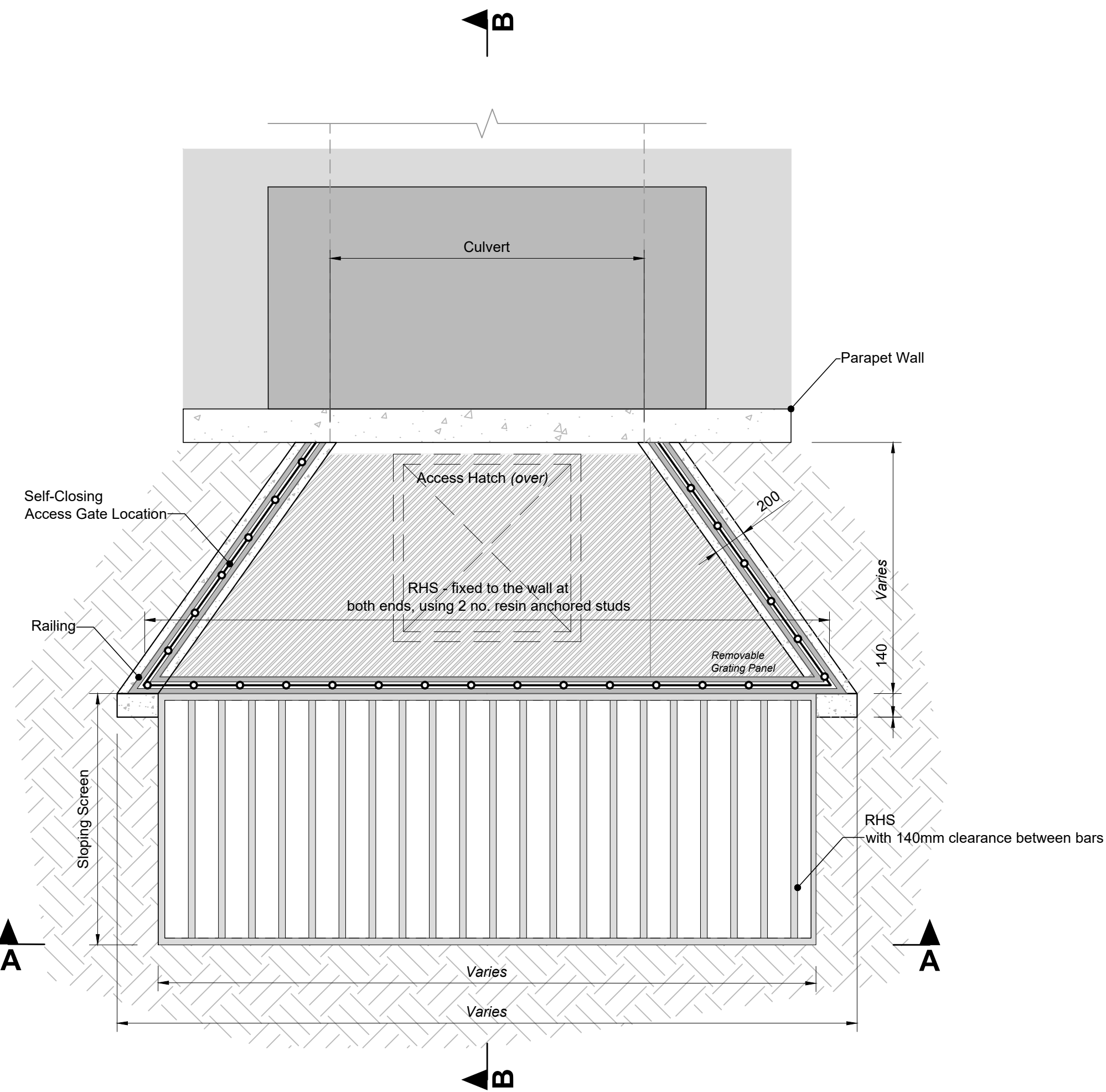
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Drawing No.  
DR0132

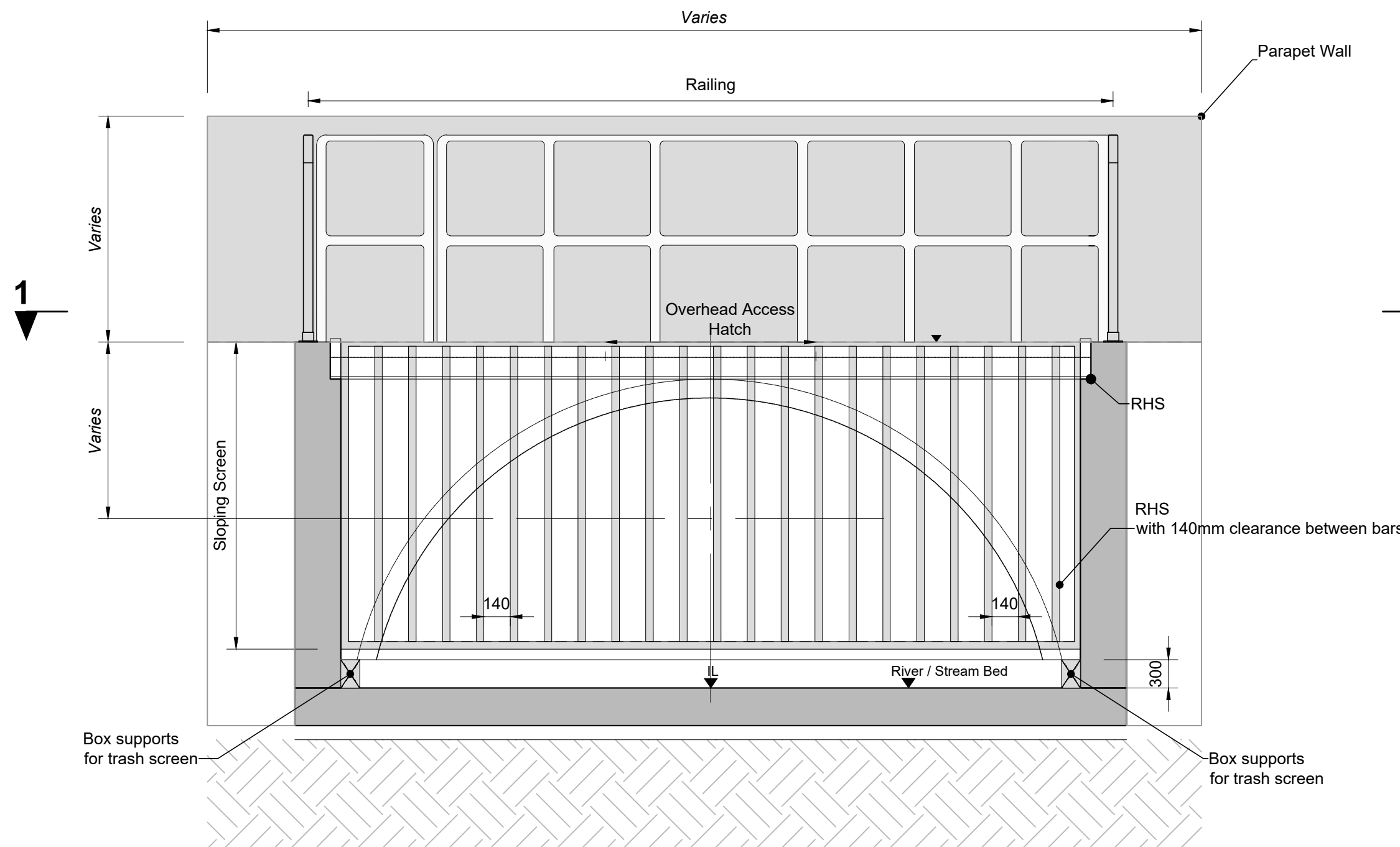
Status  
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Rev  
P01

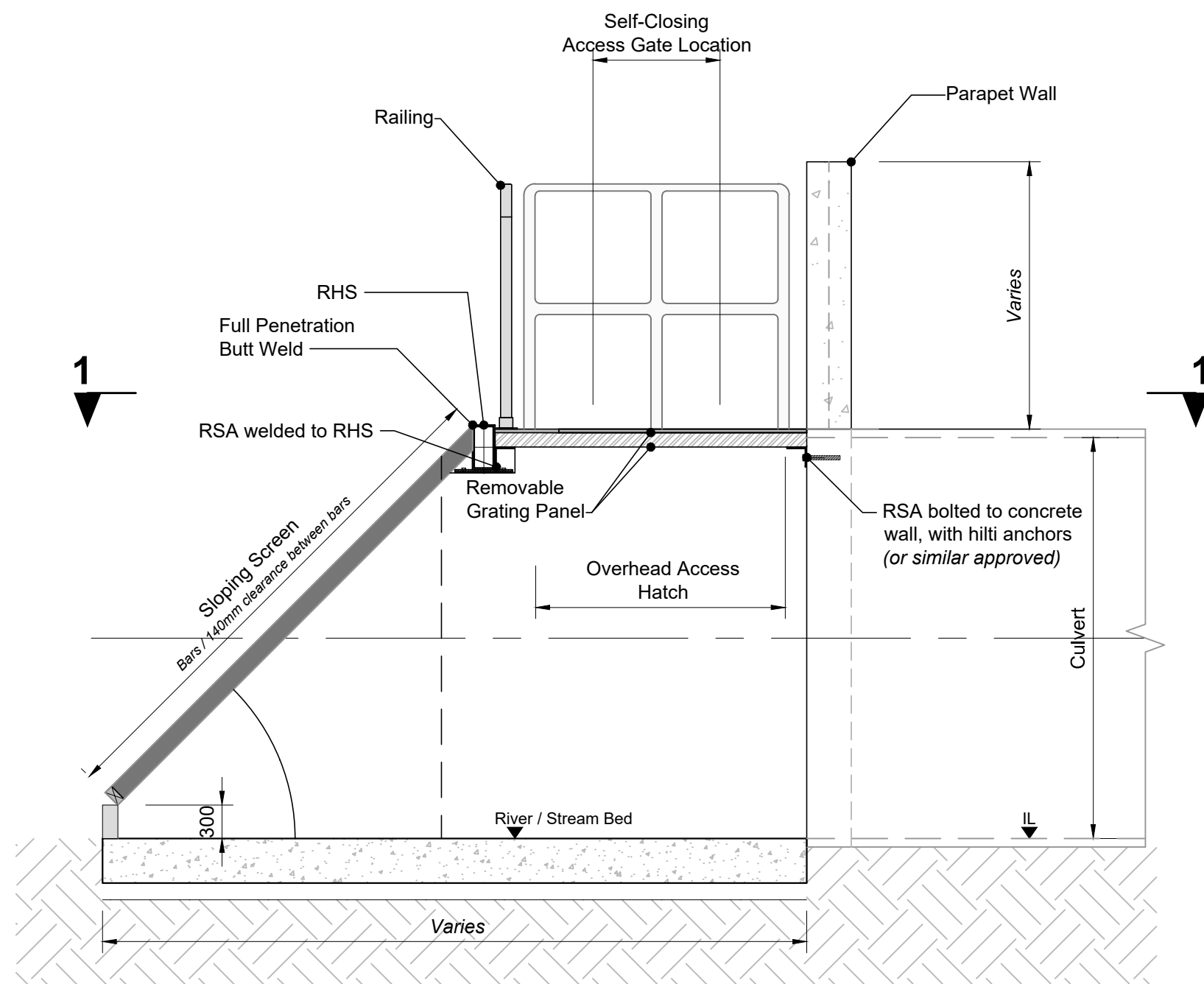




PLAN 1-1



SECTION AT A-A



SECTIONAL DETAIL B-B

1m SCALE 1:50

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P01	07/07/20	DB PT	Issue for Stage Approval	MD
P01.02	21/04/20	DB PT	Issue for Stage Approval	MD
P01.01	09/04/20	DB PT	Issue for Stage Approval	MD



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Model File Identifier

Scale 1:25 @ A1  
1:50 @ A3

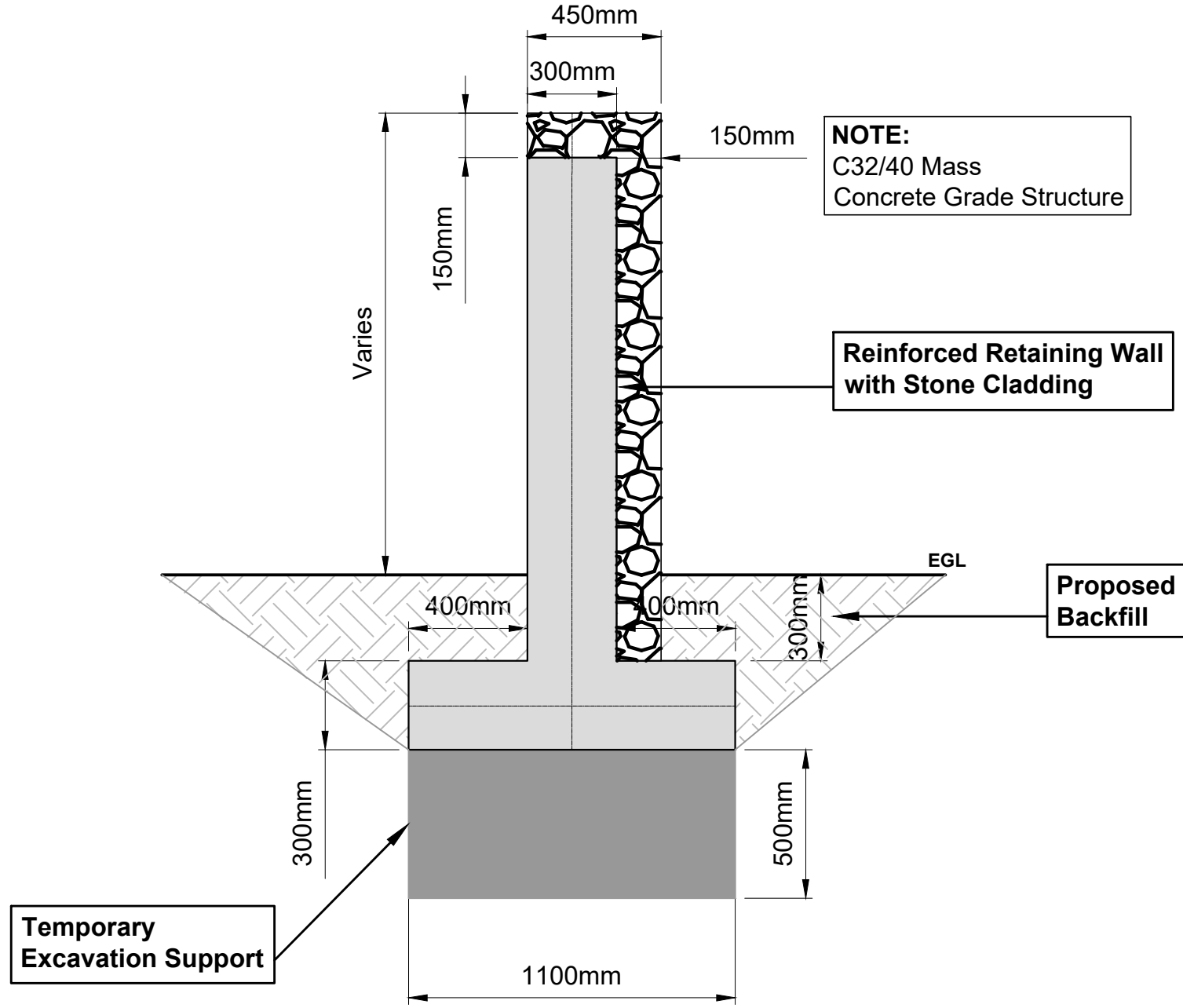
Created on 04/09/19  
Sheets 01 of 01

Project WHITECHURCH FLOOD ALLEVIATION SCHEME  
Section 177AE of the Planning & Development Act 2000 (as amended)

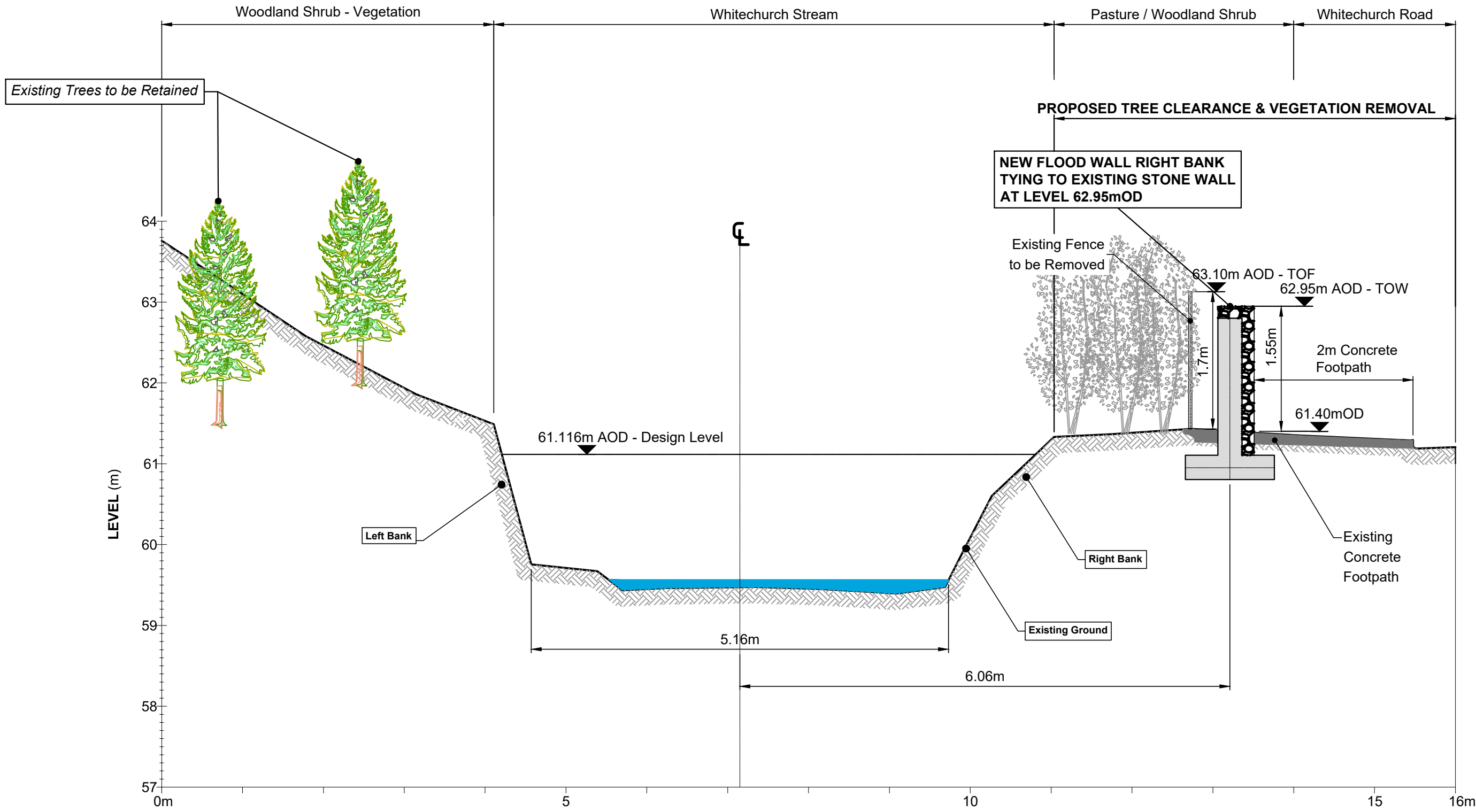
Title PLANNING APPLICATION DRAWINGS  
Trash Screen Detail

File Identifier	Drawing No.	Status	Rev
MDW0825-RPS-00-XX-DR-C-DR4002	DR4002	S4	P01



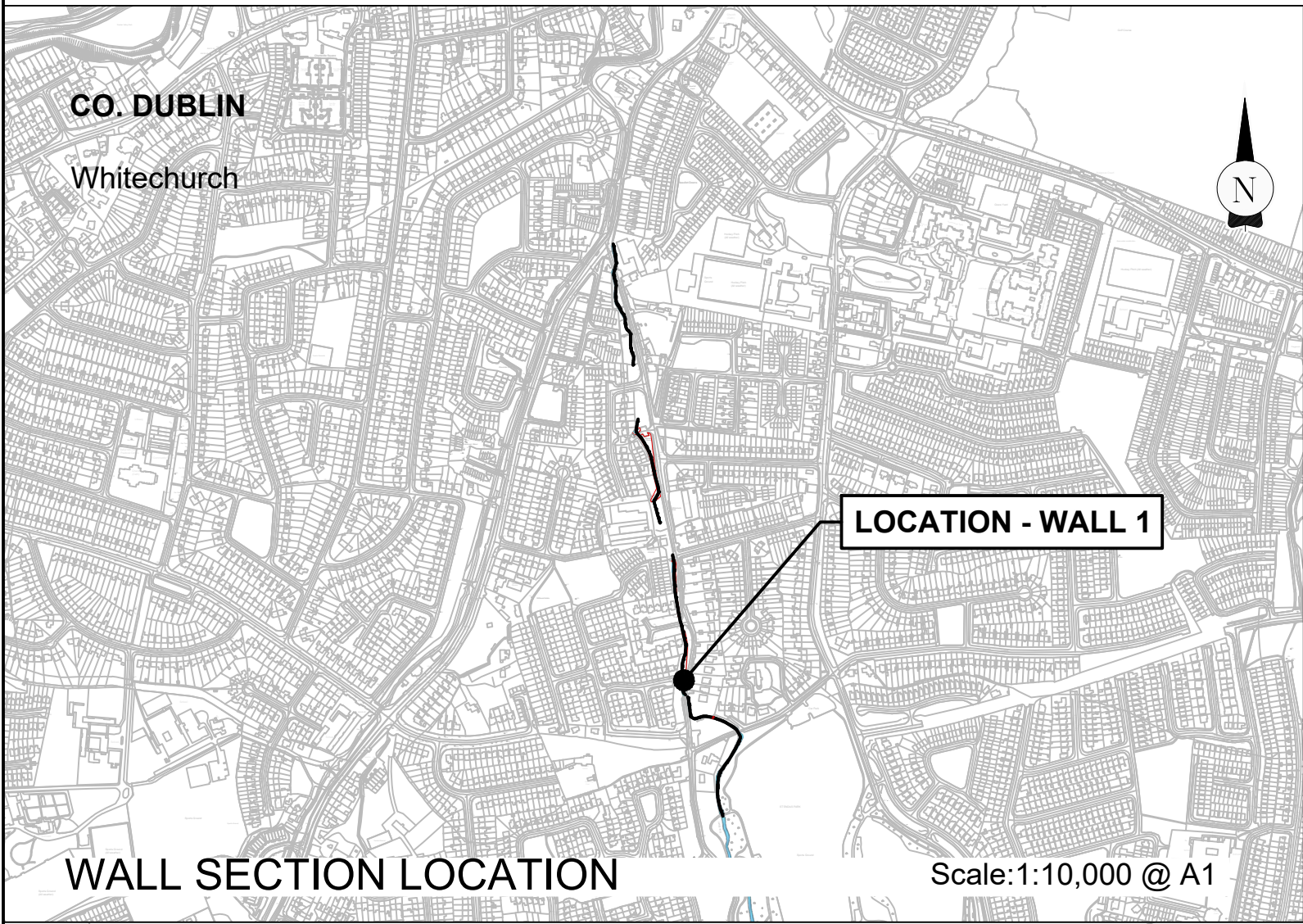


SECTIONAL WALL 1 - FLOOD DEFENCE WALL 1  
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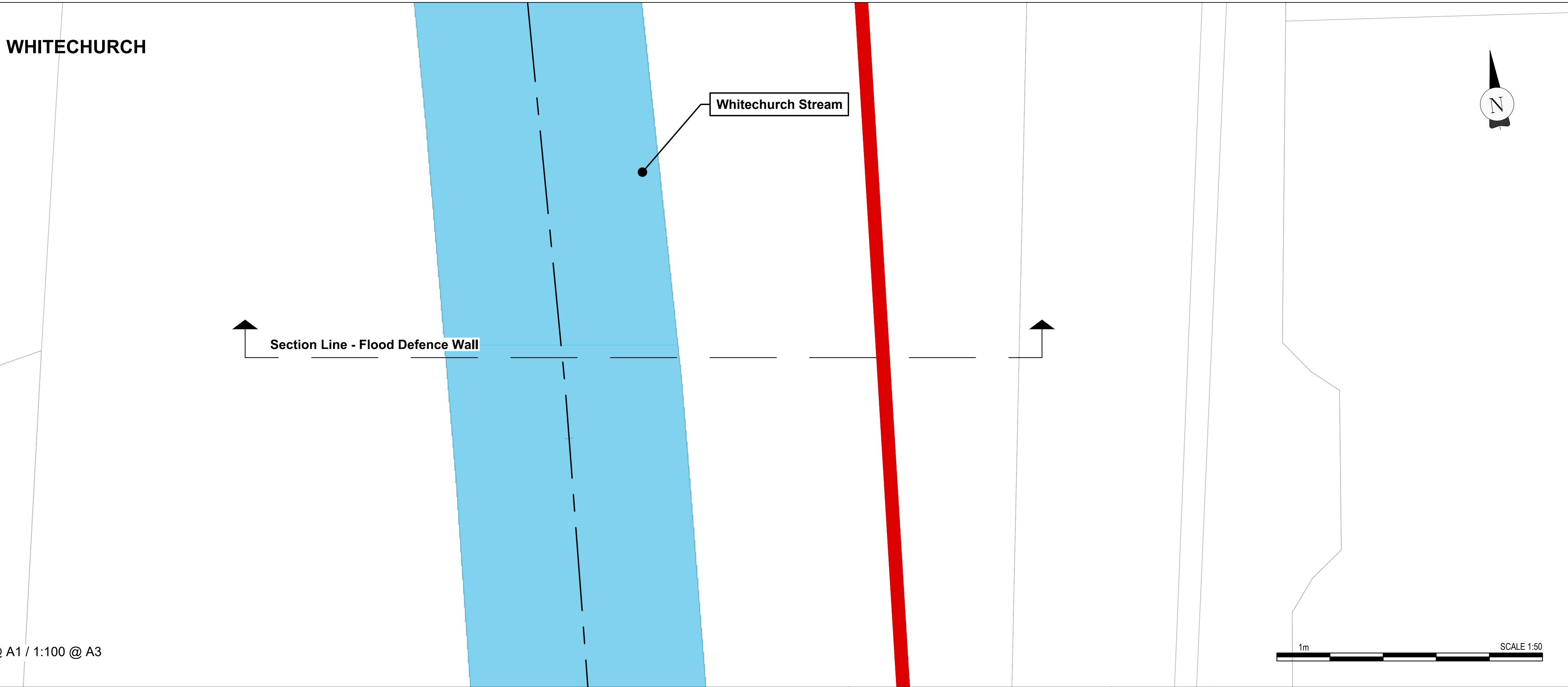
SECTIONAL DETAIL - Flood Defence Wall 1

## SECTIONS



- LEGEND**
- Proposed Defence Walls
  - Whitechurch Stream

PLAN - Whitechurch Road / South of St. Gaten's Court Scale: 1:50 @ A1 / 1:100 @ A3



Client



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P01.01	20/05/2020	DB PT	Issue for Work Approval	MD

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Model File Identifier

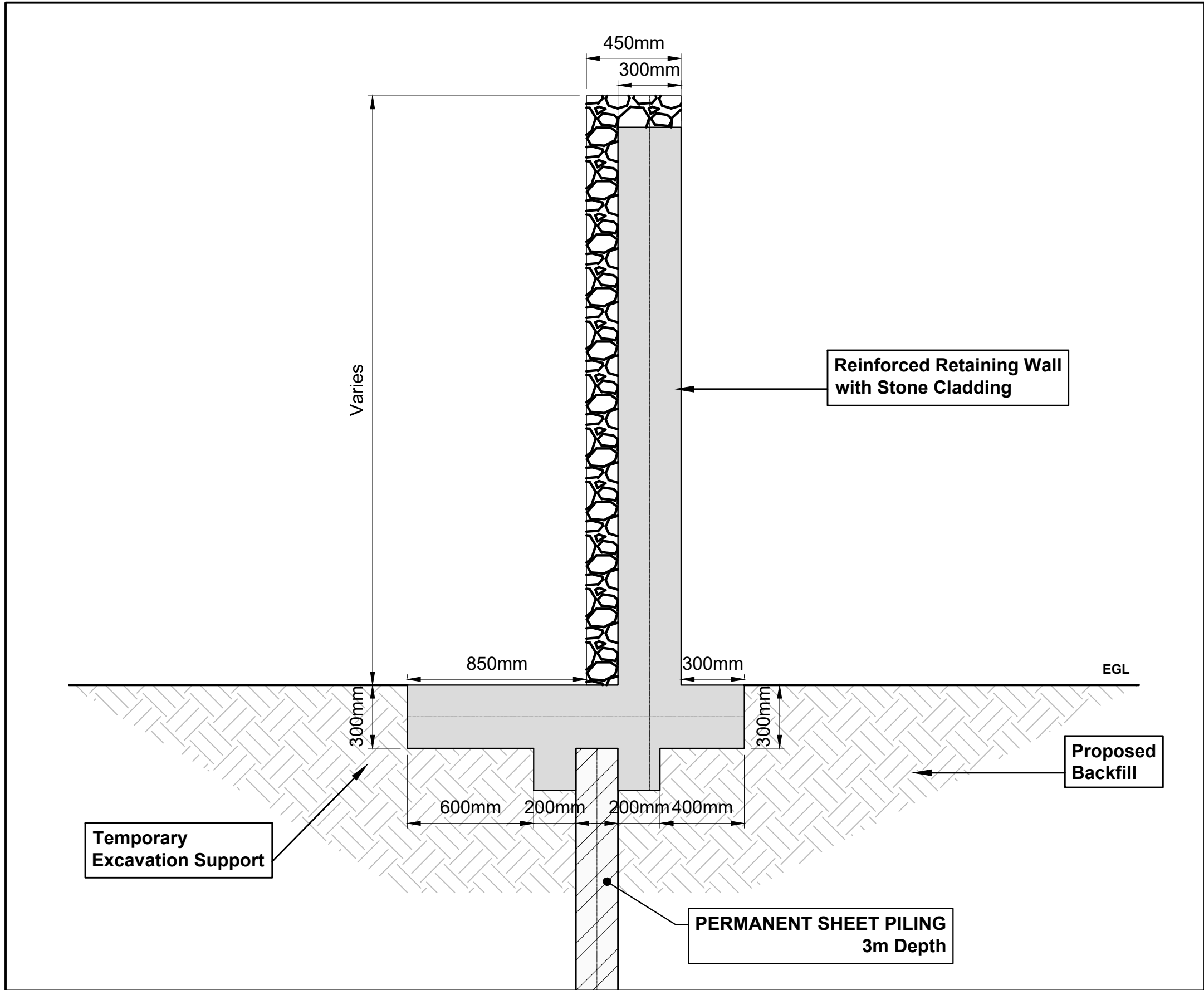
Scale  
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As Shown @ A3  
Created on  
03/12/2019  
Sheets  
01 of 02

File Identifier  
MDW0825-RPS-00-XX-DR-C-DR0403 - DR0404 Flood Defence Wall Details

Project  
**WHITECHURCH FLOOD ALLEVIATION SCHEME**  
Section 177AE of the Planning & Development Act 2000 (as amended)  
Title  
**PLANNING APPLICATION DRAWINGS**  
**FLOOD DEFENCE WALL - DETAIL 1:**  
Wall Arrangement on Whitechurch Road / South of St. Gaten Court

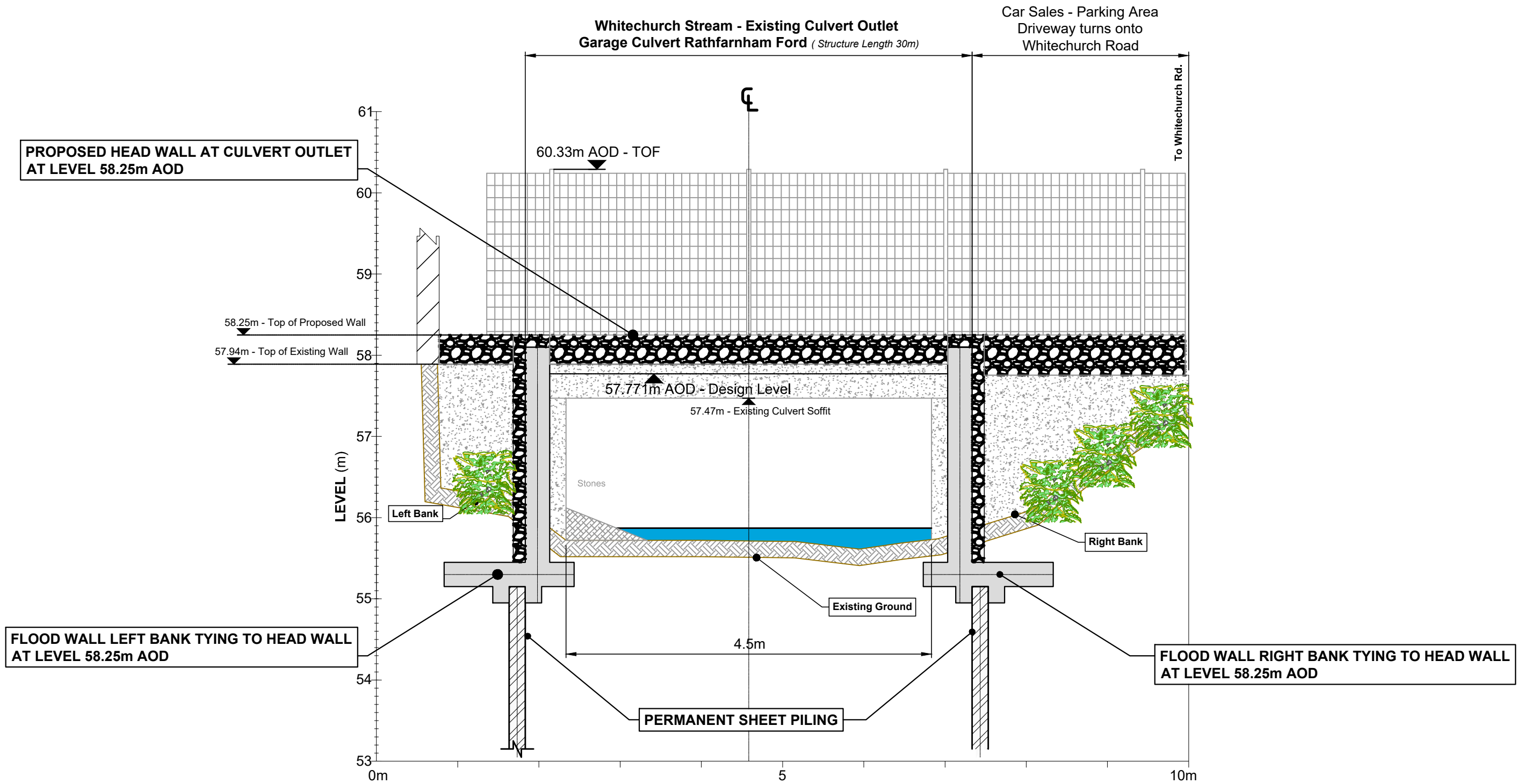
Drawing No.  
DR0403  
Status  
S4  
Rev  
P01





SECTIONAL DETAIL 2 - FLOOD DEFENCE WALL 2

Scale:1:20 @ A1 / 1:40 @ A3



SECTIONAL DETAIL - Flood Defence Wall 2



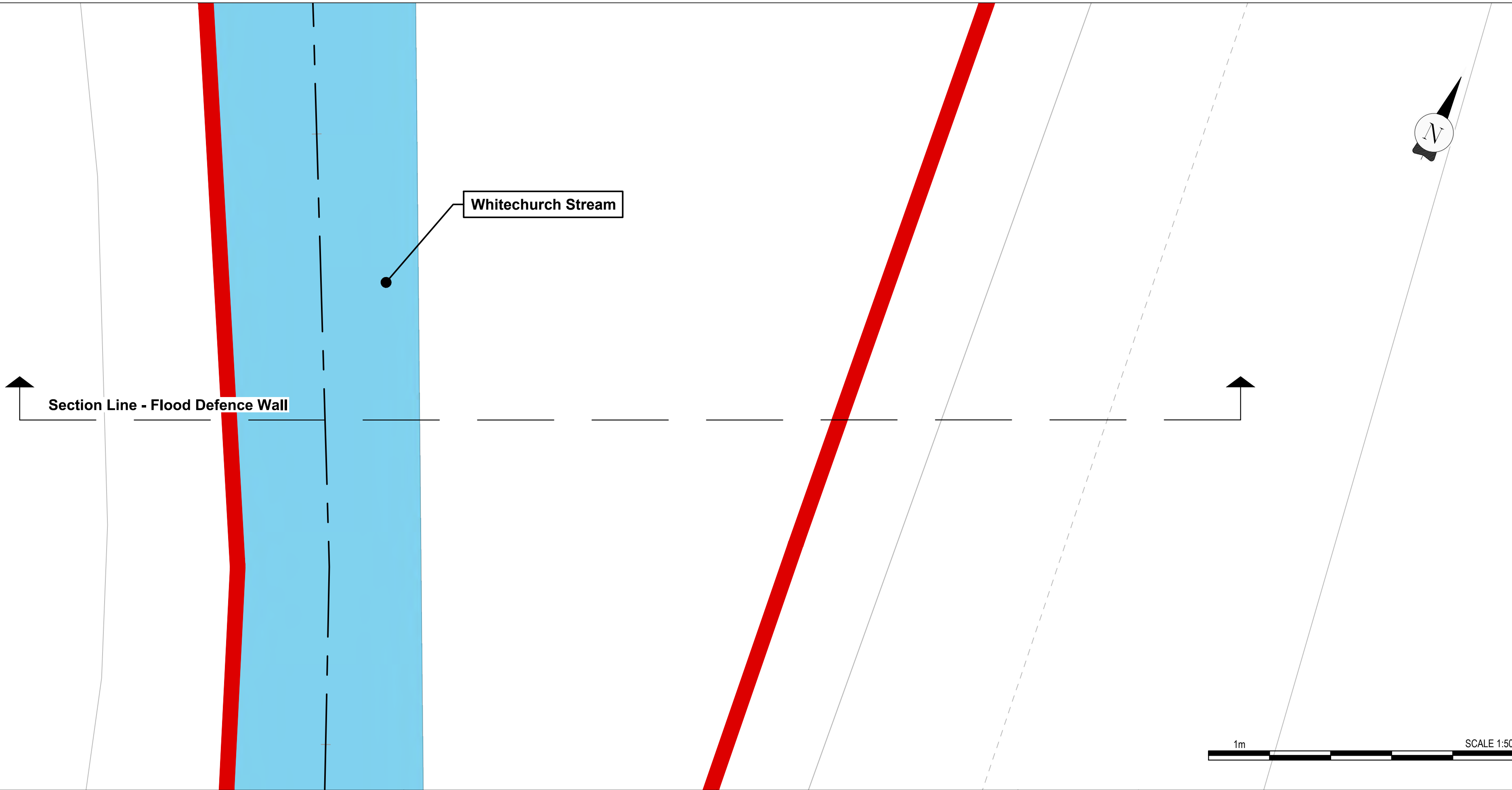
LEGEND


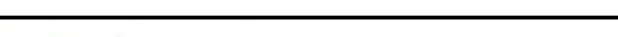

- Proposed Defence Walls
- Whitechurch Stream

PLAN - Whitechurch Road

Scale:1:50 @ A1 / 1:100 @ A3

WHITECHURCH



Client		General Notes								Scale		Project	
 Comhairle Contae Átha Cliath Theas South Dublin County Council		 Oifig na nOibreacha Poiblí Office of Public Works		<p>(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.</p> <p>(ii) DO NOT SCALE, use figured dimensions only.</p>		<p>(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.</p> <p>(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.</p> <p>(v) All Levels refer to Ordnance Survey Datum, Malin Head.</p>		 West Pier Business Campus Dun Laoghaire Co. Dublin A96 N6T7 T +353 (0)1 4882900 W www.rpsgroup.com/ireland E ireland@rpsgroup.com		WHITECHURCH FLOOD ALLEVIATION SCHEME Section 177AE of the Planning & Development Act 2000 (as amended)			
										As Shown @ A1 As Shown @ A3		PLANNING APPLICATION DRAWINGS Flood Defence Wall - Detail 2: Wall Arrangement on Whitechurch Road & Willbrook Lawn (above Grange Park Road)	
										Created on 03/12/2019			
								Sheets 02 of 02		File Identifier MDW0825-RPS-00-XX-DR-C-DR0403 - DR0404 Flood Defence Wall Details			
										Drawing No. DR0404		Status S4	
												Rev P01	