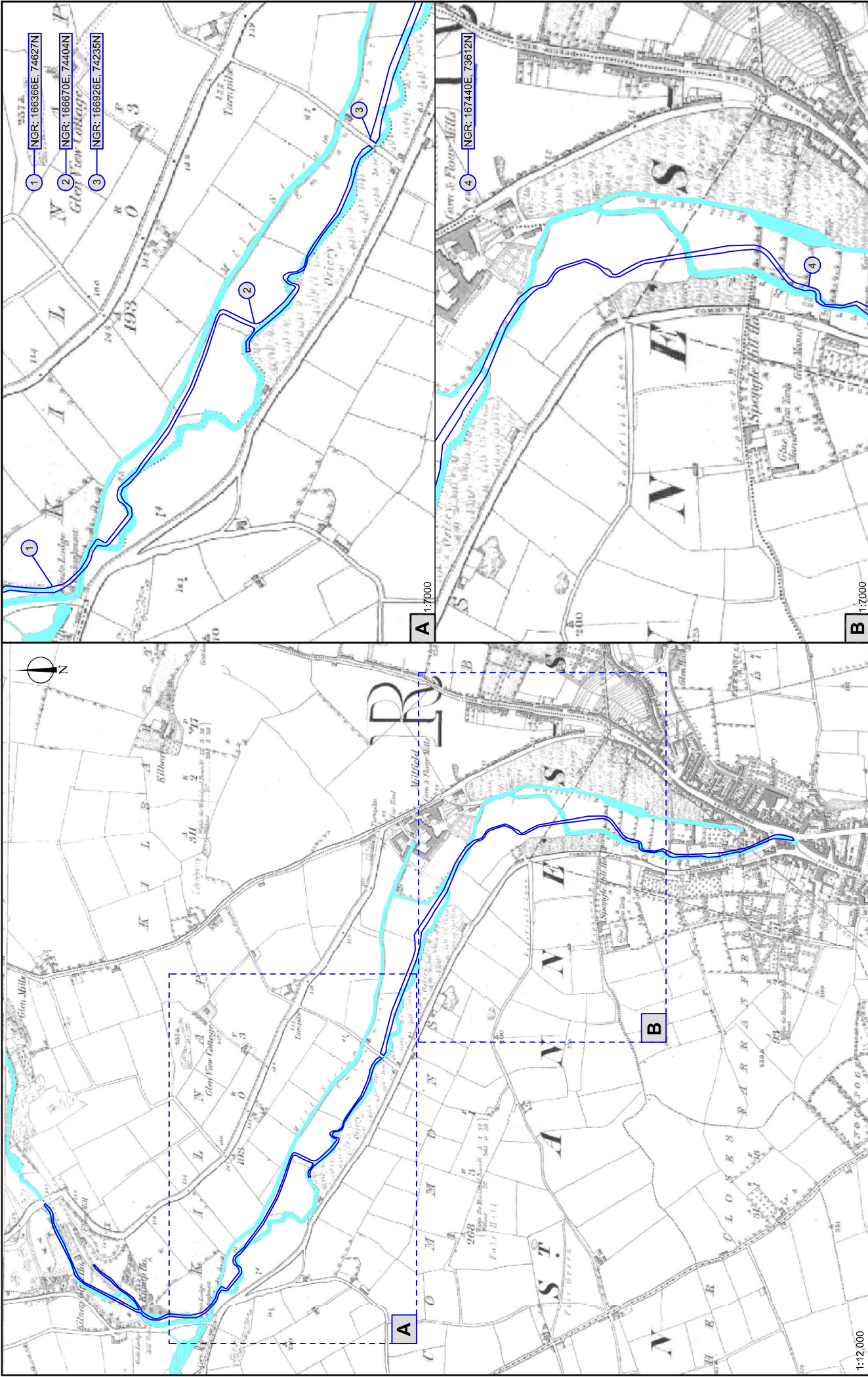
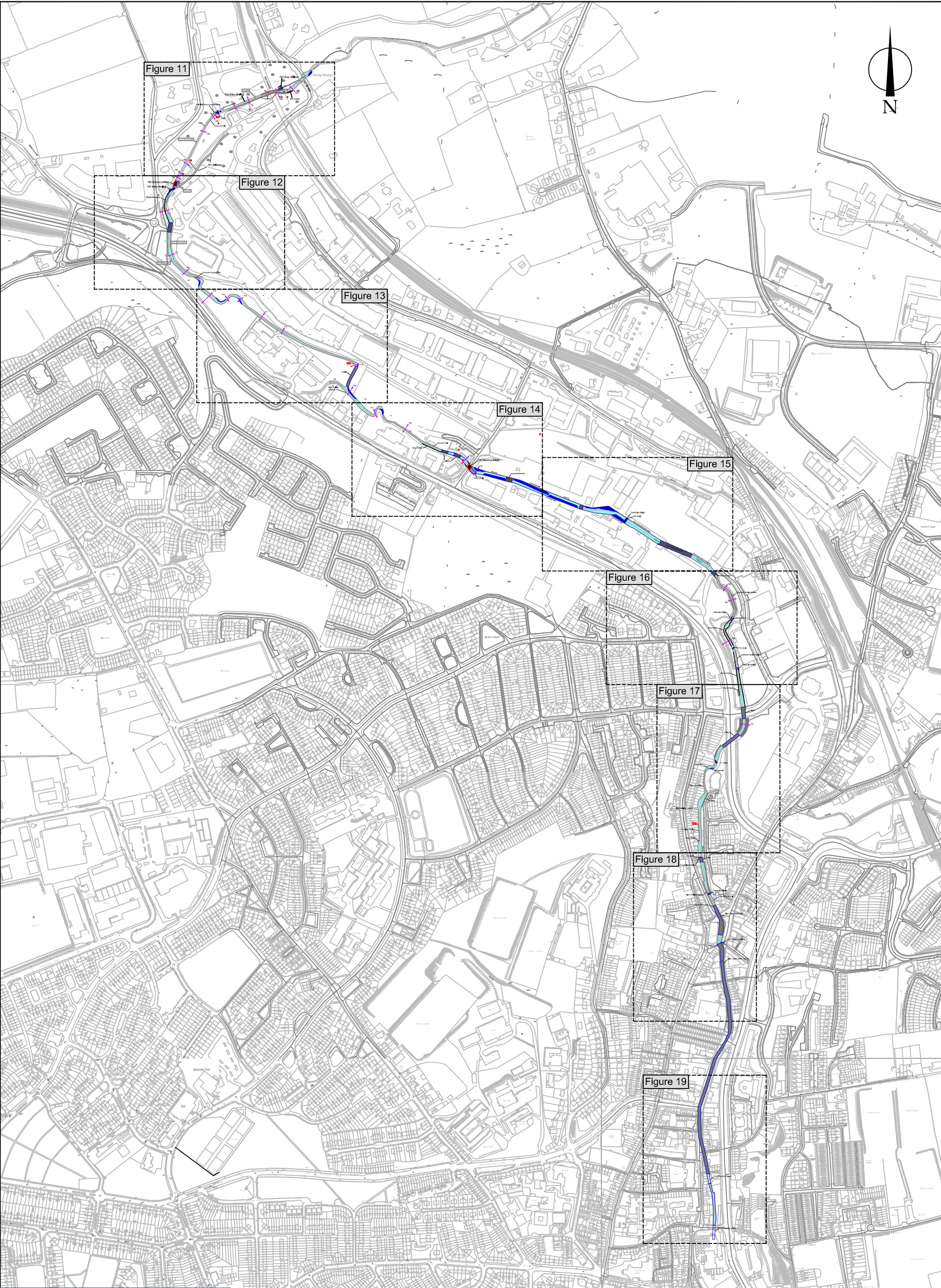
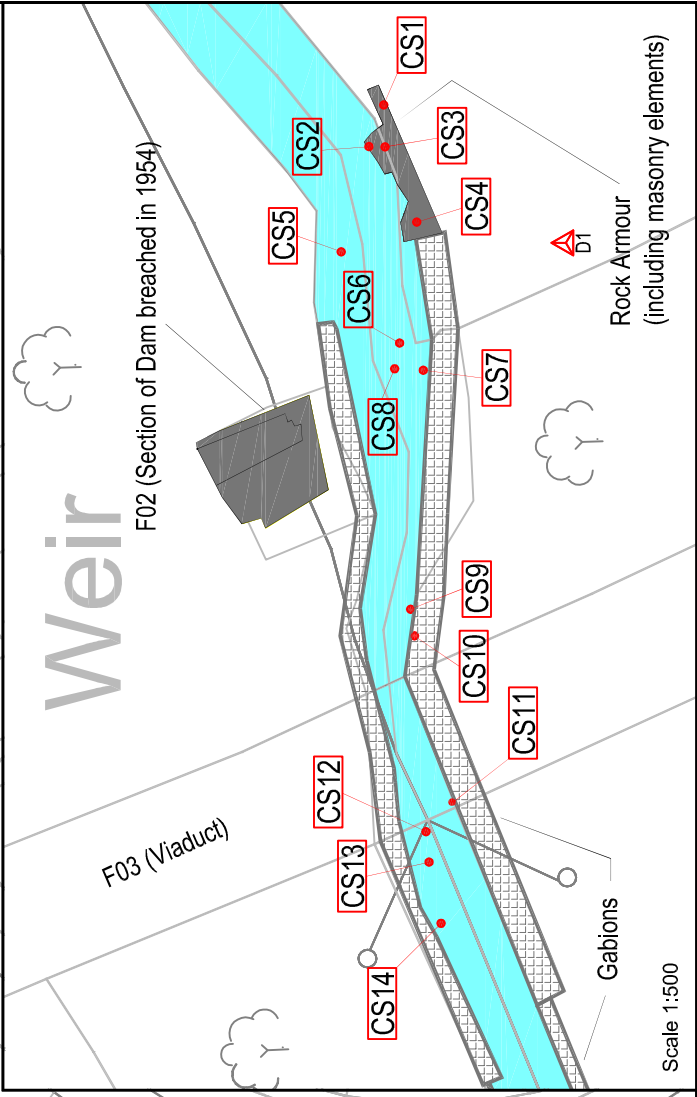
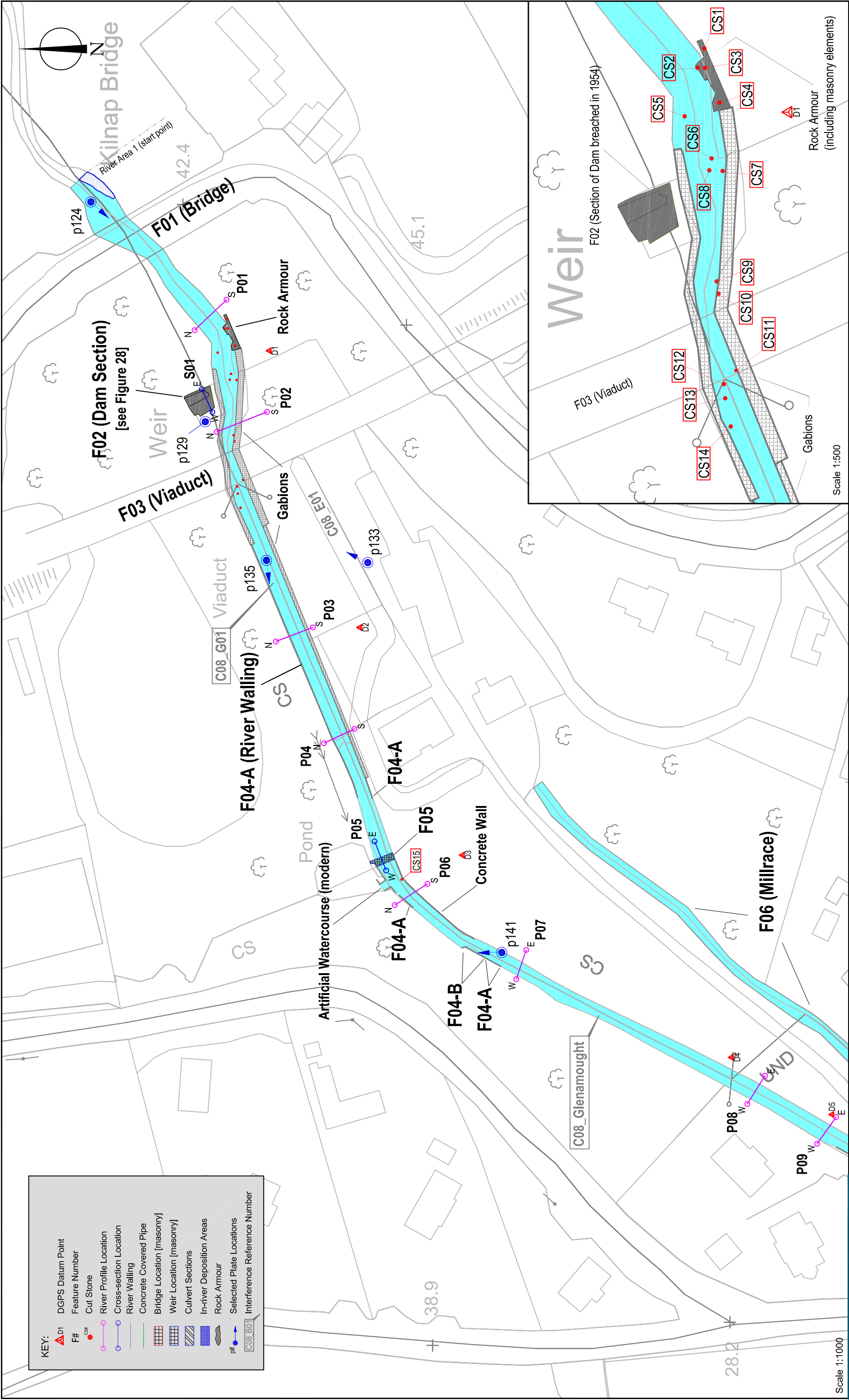




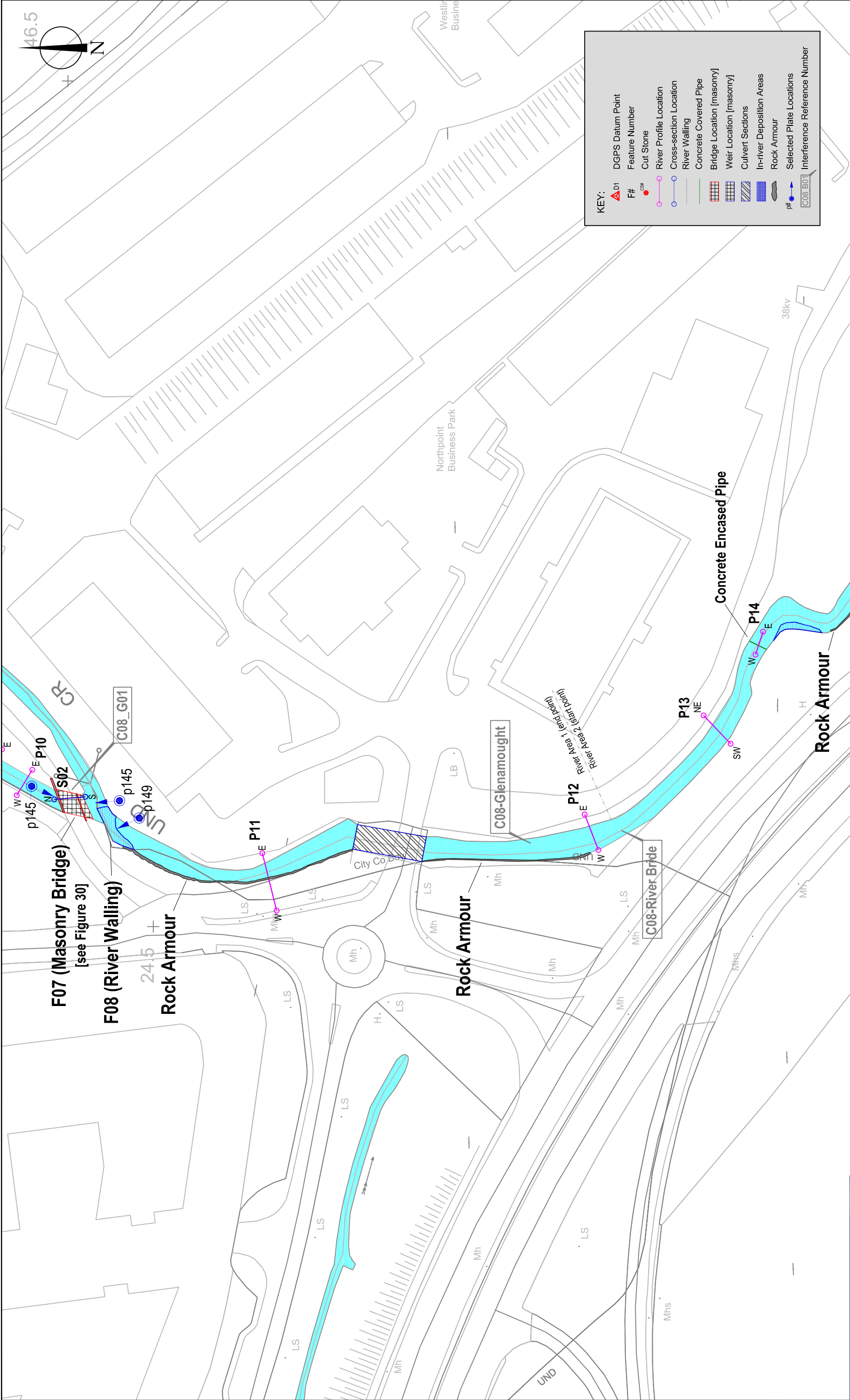
ADCO Notes Source: OSI Historic Map Archive Historic route of watercourse Modern route of watercourse	A4	Job/Exc No. 16D0044	Compiled by R.Bangerter	CAD reference RiverBrideFRS	Client Ryan Hanley Consulting Engineers	Title Figure 9- Modern route of River Bride and its tributary, Glennamought River, shown in relation to the watercourse route as shown on the OS First Edition (1841) Mapping.
		Date 09.05.16	Scale 1:12,000/1:7000	Drawing No. Figure 4	Project UAIA, River Bride (Blackpool) Drainage Scheme	

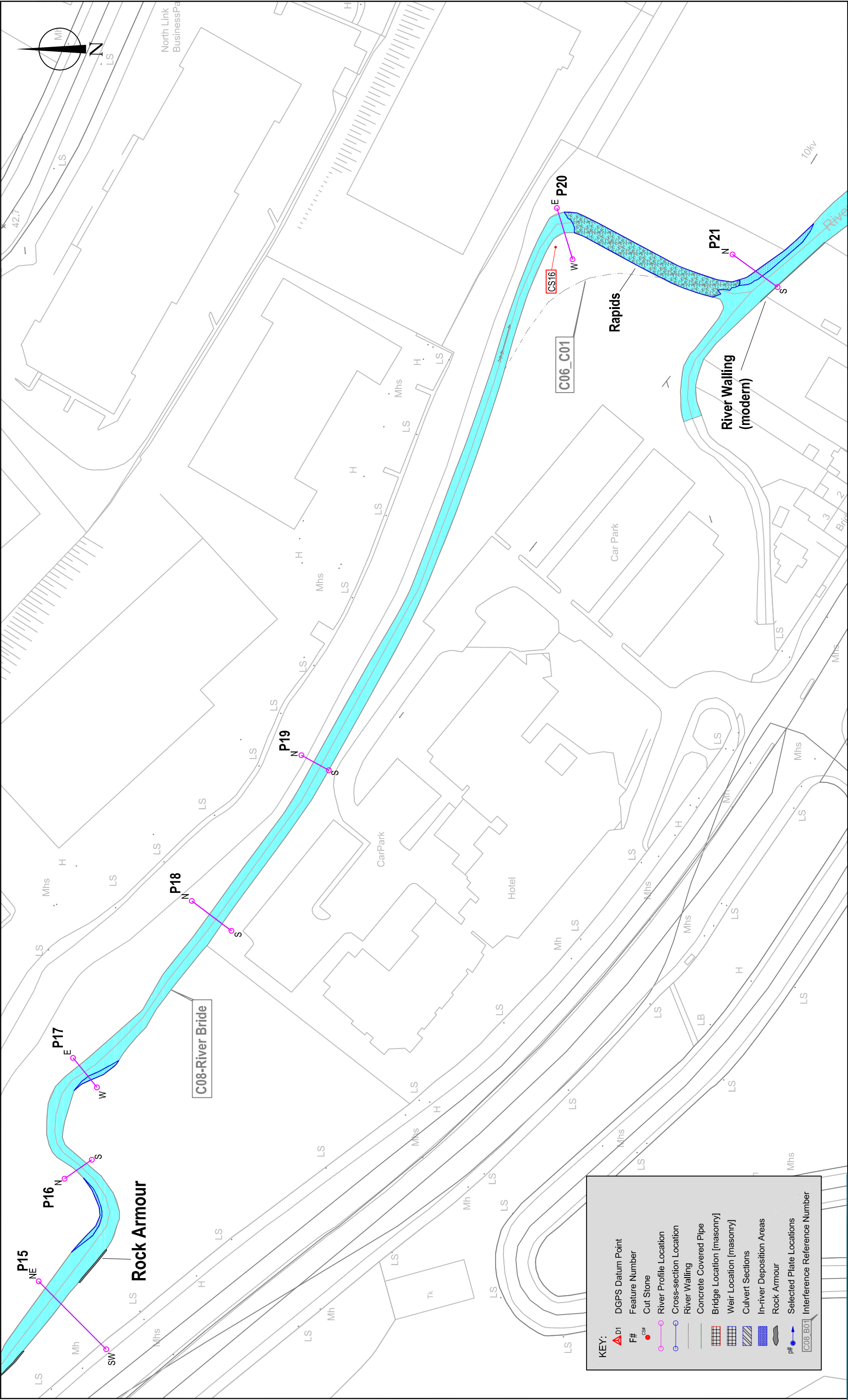


		Notes Extent of ADCO Survey Area Exposed sections of River Bride & Glenamought River under survey Source: survey extent superimposed on OS Background Mapping				Title Figure 10- Key plan showing location of Figures 11-19, which details the findings from the Archaeological Assessment of the the River Bride and Glenamought River.	
Client Ryan Hanley Consulting Engineers		A3				[See Figures 3-7 for proposed Flood Relief Works].	
Project River Bride (Blackpool) Drainage Scheme	Job/Exc No. 16D0044	Compiled by R.Bangerter	CAD reference RiverBrideFRS	Date 28.05.16	Scale 1:7,500	Drawing No. Figure 10	



ADCO	Notes - Survey data superimposed on OS Background Mapping. - Data gathered using DGPS and Total Station recording. [Interference Reference details taken from project Dwg. RB_201 to RB_211]	A3	Job/Exc No. 16D0044	Compiled by R.Bangerter/ D.Copeland	CAD reference RiverBrideFRS	Client Ryan Hanley Consulting Engineers	Title Figure 11- Drawing showing ADCO Survey Area, recorded features, river profiles, survey observations, and selected plate locations. [NGR: 166592E, 75067N to NGR: 166315E, 74848N]
		Date 27.04.16	Scale 1:1000/ 1:500	Drawing No. Figure 11	Project River Bride (Blackpool) Drainage Scheme		





KEY:

D1

DGPS Datum Point

F#

Feature Number

CS#

Cut Stone

River Profile Location

Cross-section Location

River Walling

Concrete Covered Pipe

Bridge Location [masonry]

Weir Location [masonry]

Culvert Sections

In-river Deposition Areas

Rock Armour

Selected Plate Locations

Interference Reference Number

C08_B01

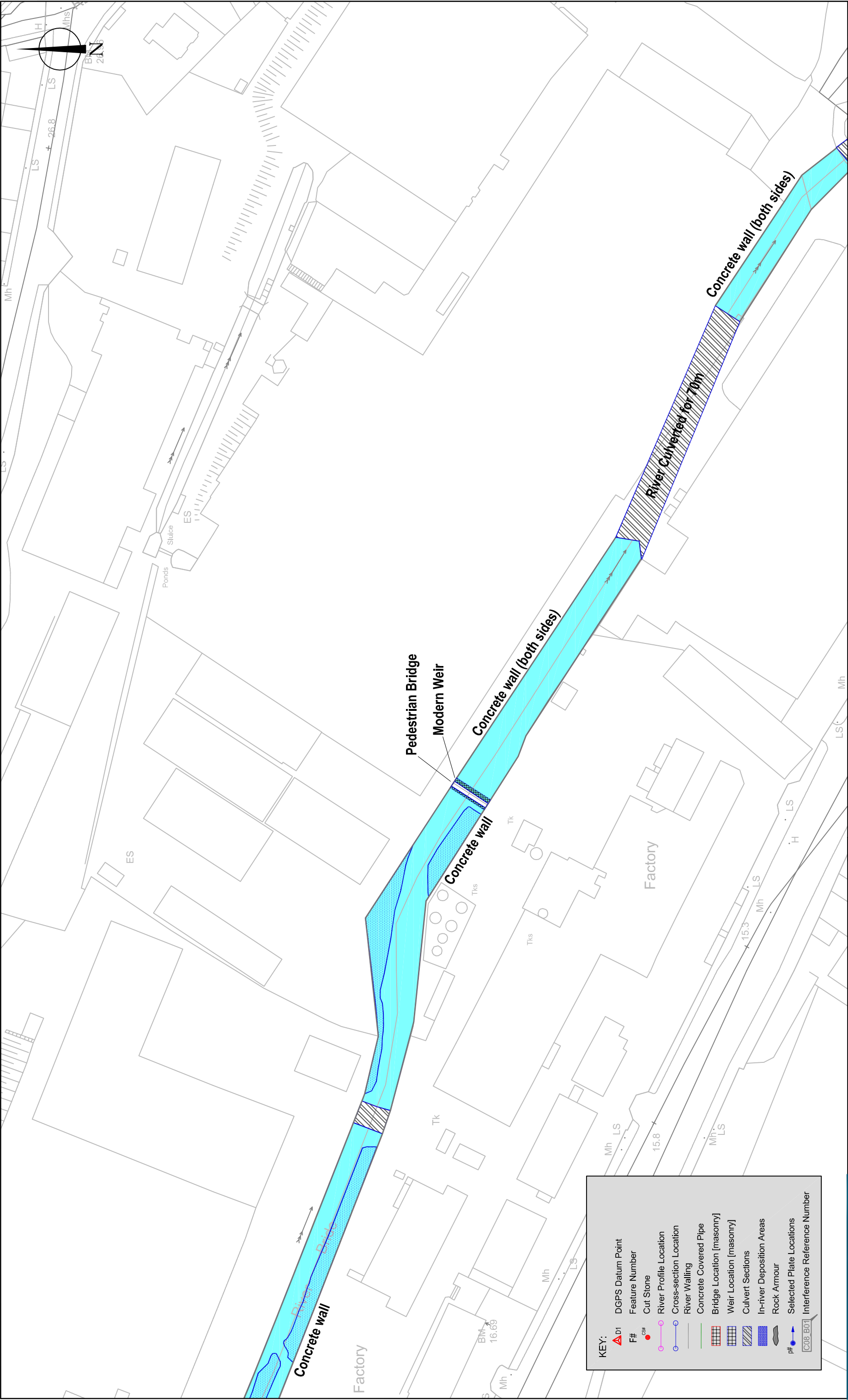


Notes

- Survey data superimposed on OS Background Mapping.
- Data gathered using DGPS and Total Station recording.

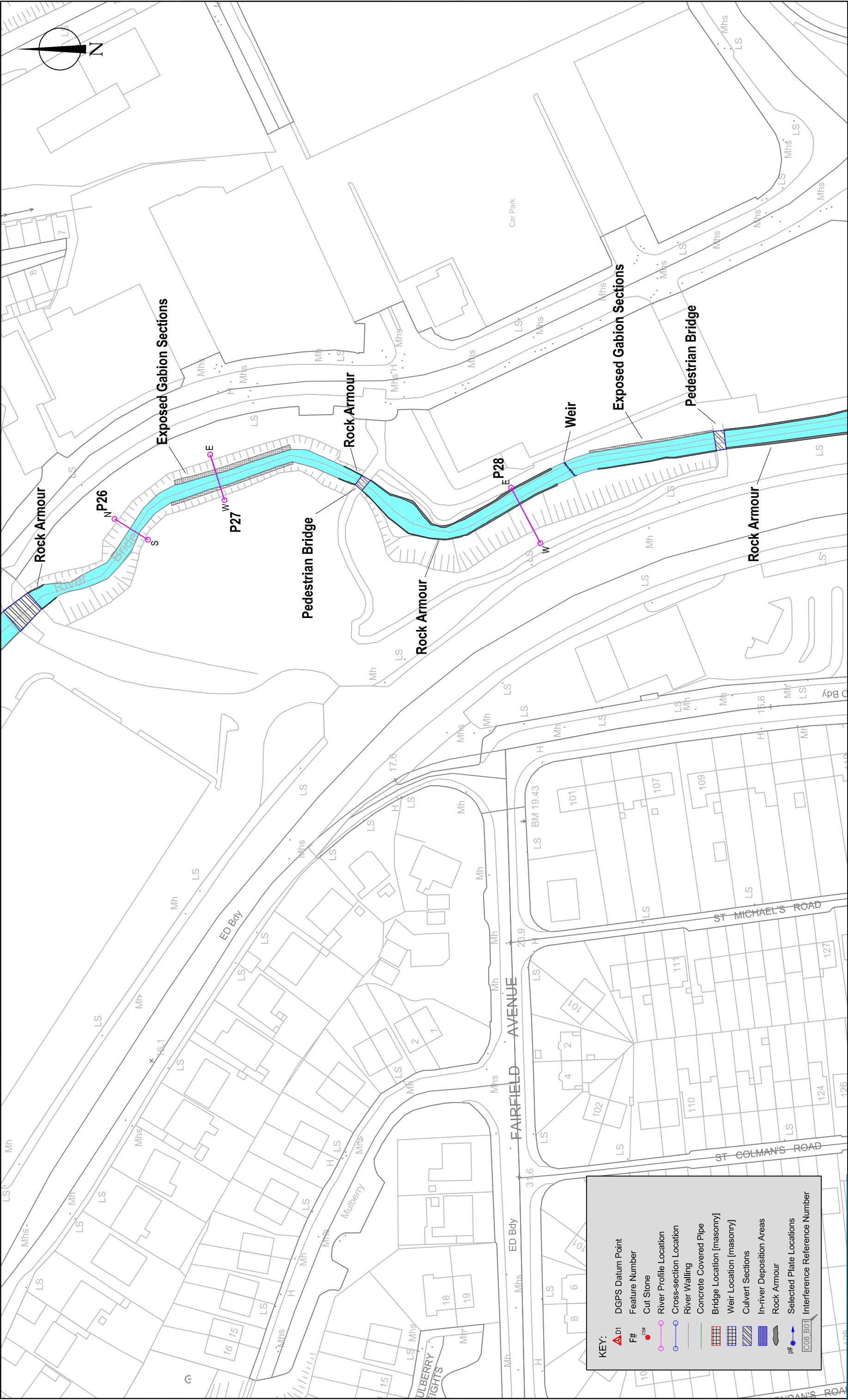
[Interference Reference details taken from project Dwg. RB_201 to RB_211]

A3	Job/Exc No. 16D0044		Compiled by R.Bangerter/ D.Copeland		CAD reference RiverBrideFRS		Client Ryan Hanley Consulting Engineers		Title Figure 13- Drawing showing ADCO Survey Area, recorded features, river profiles, survey observations, and selected plate locations.	
	Date 27.04.16		Scale 1:1000		Drawing No. Figure 13		Project River Bride (Blackpool) Drainage Scheme		[NGR: 166363E, 74610N to NGR: 166689E, 74372N]	



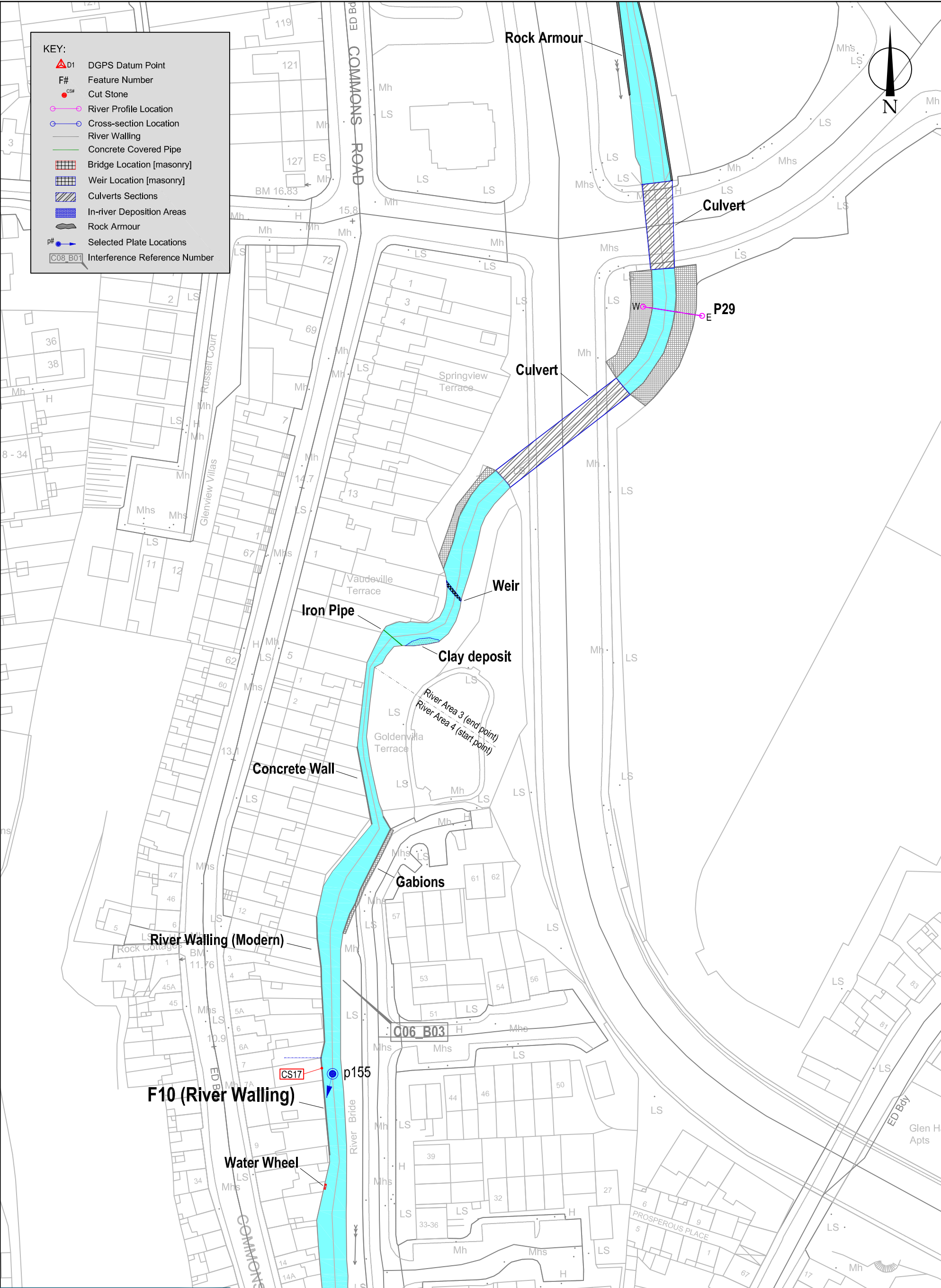
Notes - Survey data superimposed on OS Background Mapping. - Data gathered using DGPS and Total Station recording. [Interference Reference details taken from project Dwg. RB_201 to RB_211]			Job/Exc No. 16D0044	Compiled by R.Bangerter/ D.Copeland	CAD reference RiverBrideFRS	Client Ryan Hanley Consulting Engineers	Title Figure 15- Drawing showing ADCO Survey Area, recorded features, river profiles, survey observations, and selected plate locations. [NGR: 167076E, 74187N to NGR: 167430E, 74020N]	
A3			Date 27.04.16	Scale 1:1000	Drawing No. Figure 15	Project River Bride (Blackpool) Drainage Scheme		





	Notes - Survey data superimposed on OS Background Mapping. - Data gathered using DGPS and Total Station recording. [Interference Reference details taken from project Dwg. RB_201 to RB_211]		A3	Job/Exc No. 16D0044	Compiled by R.Bangerter/ D.Copeland	CAD reference RiverBrideFRS	Client Ryan Hanley Consulting Engineers	Title Figure 16- Drawing showing ADCO Survey Area, recorded features, river profiles, survey observations, and selected plate locations. [NGR: 167430E, 74020N to NGR: 167489E, 73782N]
			Date 27.04.16	Scale 1:1000		Drawing No. Figure 16	Project River Bride (Blackpool) Drainage Scheme	





KEY:

- D1 DGPS Datum Point
- F# Feature Number
- CS# Cut Stone
- River Profile Location
- Cross-section Location
- River Walling
- Concrete Covered Pipe
- Bridge Location [masonry]
- Weir Location [masonry]
- Culverts Sections
- In-river Deposition Areas
- Rock Armour
- p# Selected Plate Locations
- C08 B01 Interference Reference Number

Client
Ryan Hanley Consulting Engineers

Project
River Bride (Blackpool) Drainage Scheme

Notes

- Extent of ADCO Survey Area
- Exposed sections of River Bride under survey

Source: survey extent superimposed on OS Background Mapping

Job/Exc No.
16D0044

Compiled by
R.Bangerter

CAD reference
RiverBrideFRS

Date
25.04.16

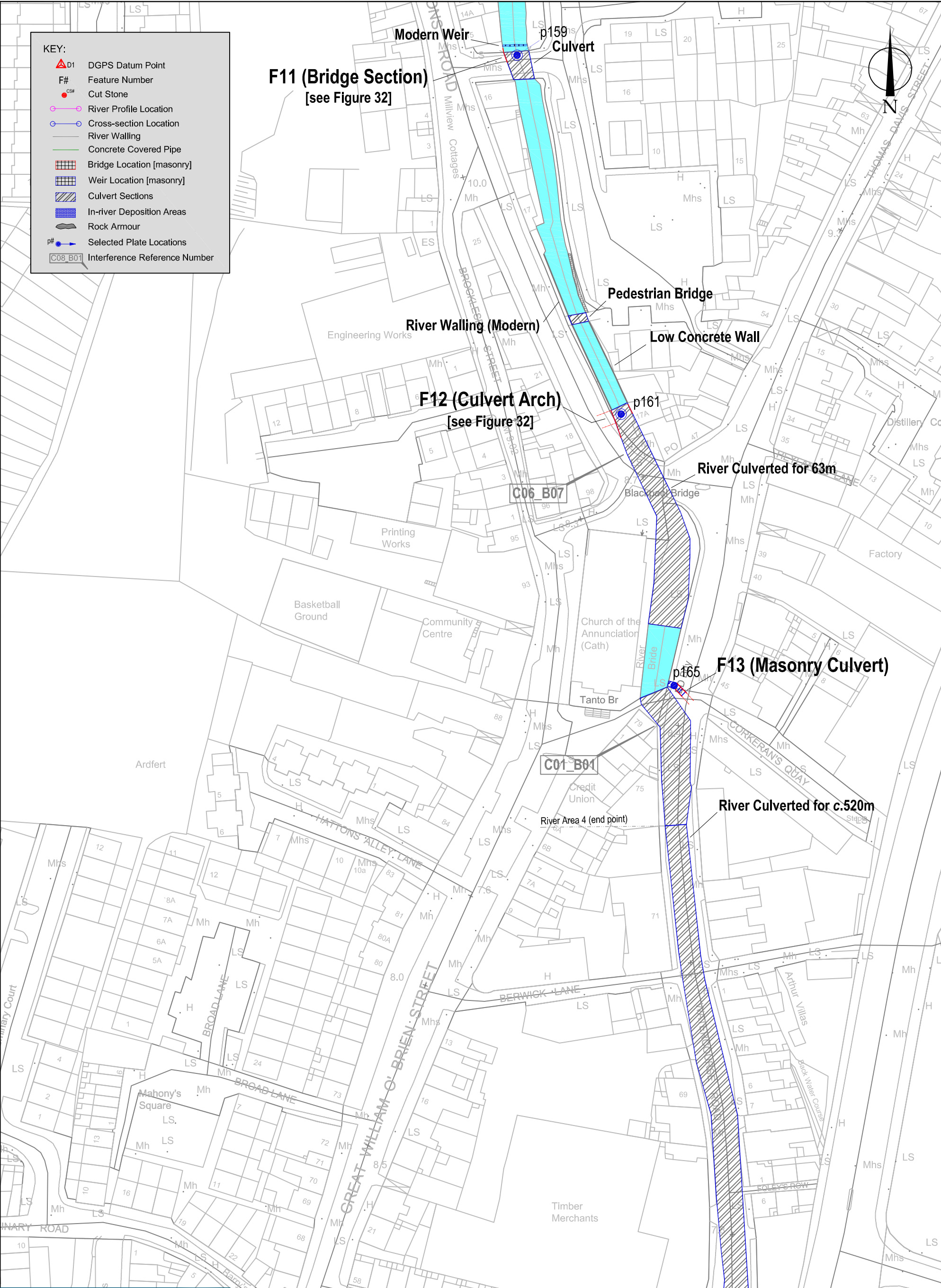
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Drawing No.
Figure 17

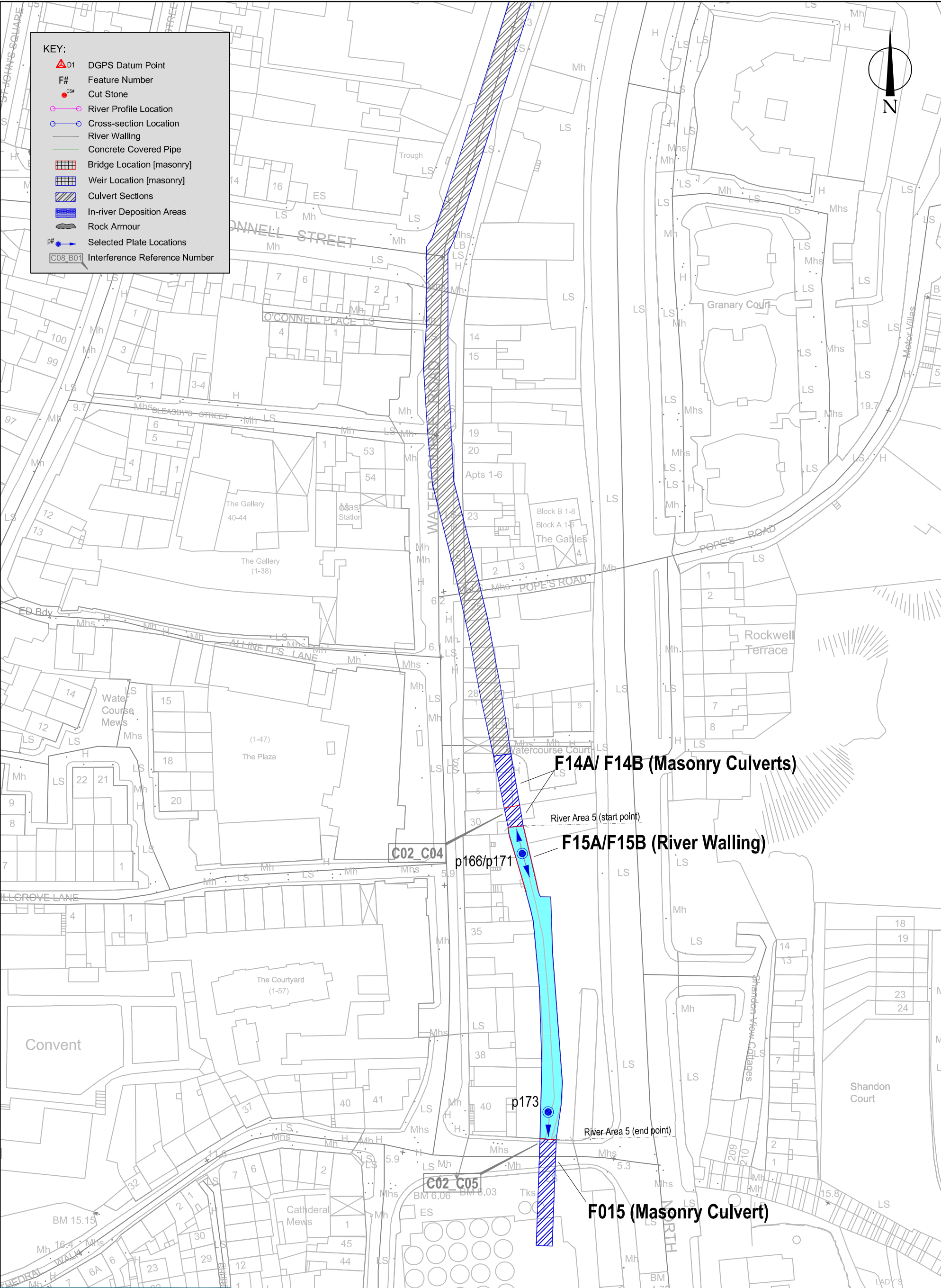
Title
Figure 17- ADCO in-water survey area shown in relation to impacts associated with the proposed Flood Relief Scheme superimposed.

[NGR: 167489E, 73782N to NGR: 167407E, 73430N]

A3



		Notes Extent of ADCO Survey Area Exposed sections of River Bride under survey Source: survey extent superimposed on OS Background Mapping				Title Figure 18- ADCO in-water survey area shown in relation to impacts associated with the proposed Flood Relief Scheme superimposed. [NGR: 167407E, 73430N to NGR: 167469E, 73077N]		
Client Ryan Hanley Consulting Engineers						A3		
Project River Bride (Blackpool) Drainage Scheme		Job/Exc No. 16D0044	Compiled by R.Bangerter	CAD reference RiverBrideFRS	Date 28.05.16		Scale 1:1000	Drawing No. Figure 18



Client
Ryan Hanley Consulting Engineers

Project
River Bride (Blackpool) Drainage Scheme

Notes
— Extent of ADCO Survey Area
Exposed sections of River Bride under survey
Source: survey extent superimposed on OS Background Mapping

Job/Exc No.
16D0044

Compiled by
R.Bangerter

CAD reference
RiverBrideFRS

Date
28.05.16

Title
Figure 19- ADCO in-water survey area shown in relation to impacts associated with the proposed Flood Relief Scheme superimposed.
[NGR: 167407E, 73430N to NGR: 167469E, 73077N]

Scale
1:1000

Drawing No.
Figure 19