

River Bride (Blackpool) Certified Drainage Scheme

Interference Reference	Proposed Works Chainage (m)	Channel Chainage (m)	General Description of Proposed Works
C01_B01	225 to 240	-	Replace existing culvert with a proposed tapered reinforced concrete culvert section from 5.5m and 2.1m high to 4.8m wide and 1.6m high. New culvert to be tied into existing culvert on Watercourse Road. All drainage outfalls to be fitted with non-return valves.
C01_B02	62 to 225	-	Existing culvert to be pressurised during a flood event. Repairs to the existing culvert and work to internal joints to be carried out where necessary. All drainage outfalls to be fitted with non-return valves.
C01_B03	0 to 62	-	Reconstruction of existing culvert section to optimise flow distribution between the Kiln culvert (C01) and the Brewery Branch culvert (C02). All drainage outfalls to be fitted with non-return valves.
C01_G01	-	227 to 1173	Channel to be maintained over a distance of 946m from the confluence of the Kiln and the Kiln Brewery Branch (C01_227) to Blackpool Church (C01_1173).
C01_R01	-	1119 to 1124	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to the Madden's Buildings junction.
C01_R02	-	1088 to 1093	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to Maddens Building's junction.
C01_R03	-	1066 to 1071	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to Madden's Buildings junction.
C01_R04	-	1017 to 1026	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to Madden's Buildings junction.
C01_R05	-	987 to 992	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to Madden's Buildings junction.
C01_R06	-	1017 to 1026	Proposed localised regrading of ground levels to divert surface water overland flow during a flood event southwards along Watercourse Road to the existing low point adjacent to Madden's Buildings junction.
C02_C01	-	691 to 699	Local masonry repairs to be carried out within the existing culvert at C02_695. Access for these works to be gained from the existing manhole at C02_740.
C02_C02	-	625 to 691	Local masonry repairs to be carried out within the existing culvert at C02_639 and C02_655. Access for these works to be gained from the existing manhole at C02_680.
C02_G01	-	0 to 740	Channel to be maintained over a distance of 740m from the confluence of the Kiln (Brewery Branch) and the Kiln (C02_000) to Madden's Buildings (C02_740).
C02_M01	-	740	Proposed flow control feature to be constructed on the confluence of the Kiln and the Brewery Branch at C02_740 to limit flow in the Brewery Branch to existing capacity.
C03_B01	0 to 50	-	Existing culvert to be pressurised during a flood event. Repairs to the existing culvert and work to internal joints to be carried out where necessary. All drainage outfalls to be fitted with non-return valves.
C03_G01	-	0 to 542	Channel to be maintained over a distance of 542m from the confluence of the Back Watercourse and the Kiln Watercourses (C03_000) to the existing trash screen on the Glen (Spring Lane Branch at C05_333).
C06_B08	257 to 294	-	Replace existing culvert with a proposed reinforced concrete culvert of internal dimension 5.5m wide and 2.1m high. All drainage outfalls to be fitted with non-return valves.
C06_B09	240 to 257	-	Replace existing open channel with a proposed reinforced concrete culvert at Blackpool Church. Proposed culvert to be of internal dimension 5.5m wide and 2.1m high. All drainage outfalls to be fitted with non-return valves.
C06_G01	-	0 to 2673	Channel to be maintained over a distance of 2673m from Blackpool Church (C06_000) to upstream of Rose Cottage (C06_2673).
C06_P08	-	37	Proposed combined sewer overflow (CSO) pumping station, collector drain, manhole and rising main to operate during a flood event at C06_37. All outlets to be fitted with non-return valves.

- Do not scale from drawing.
- 2. This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Confirmation Drawings and Schedules.

Drg. No. RB_211 Proposed Flood Defences - Plan Layout (Sheet 11 of 12)



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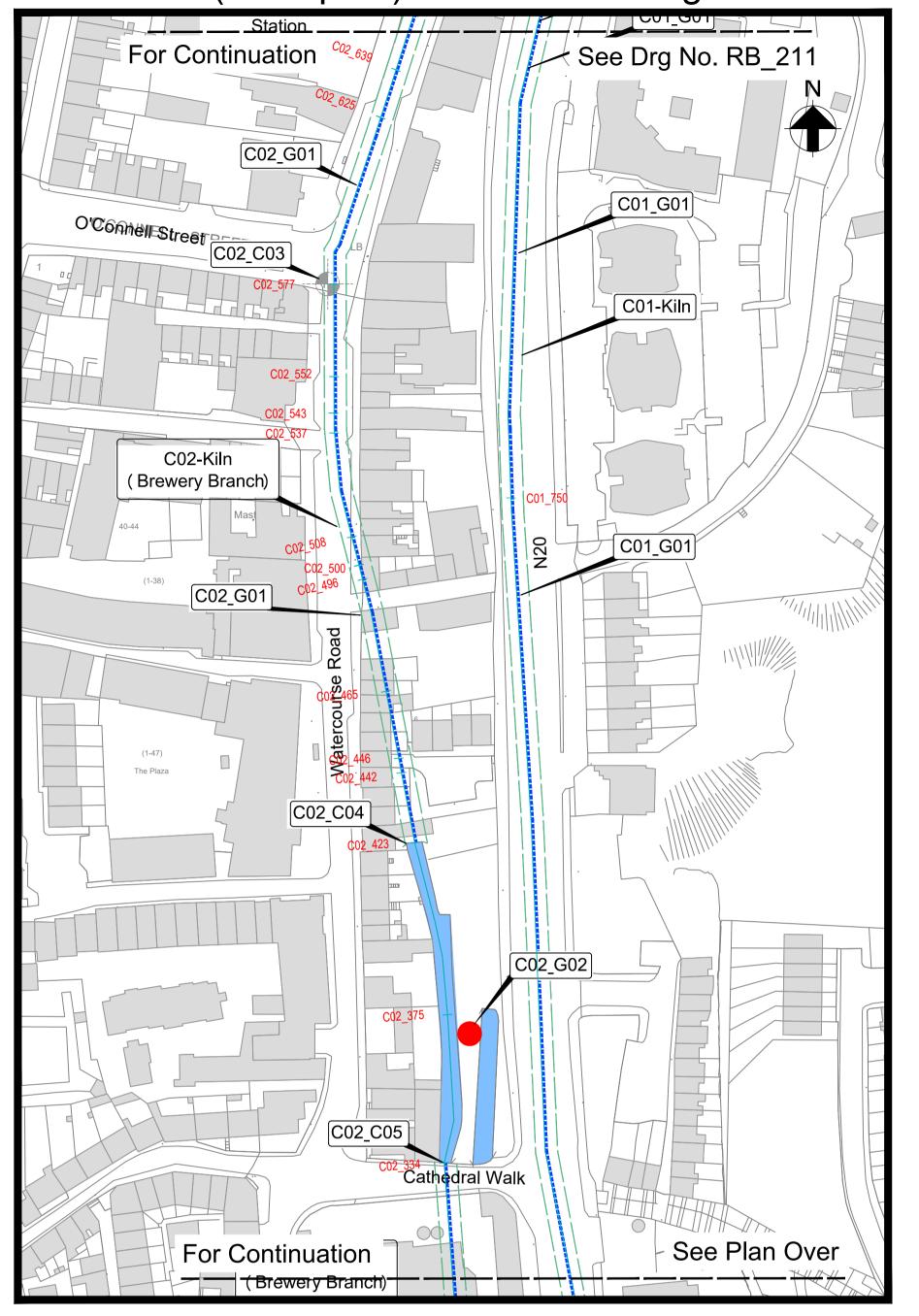


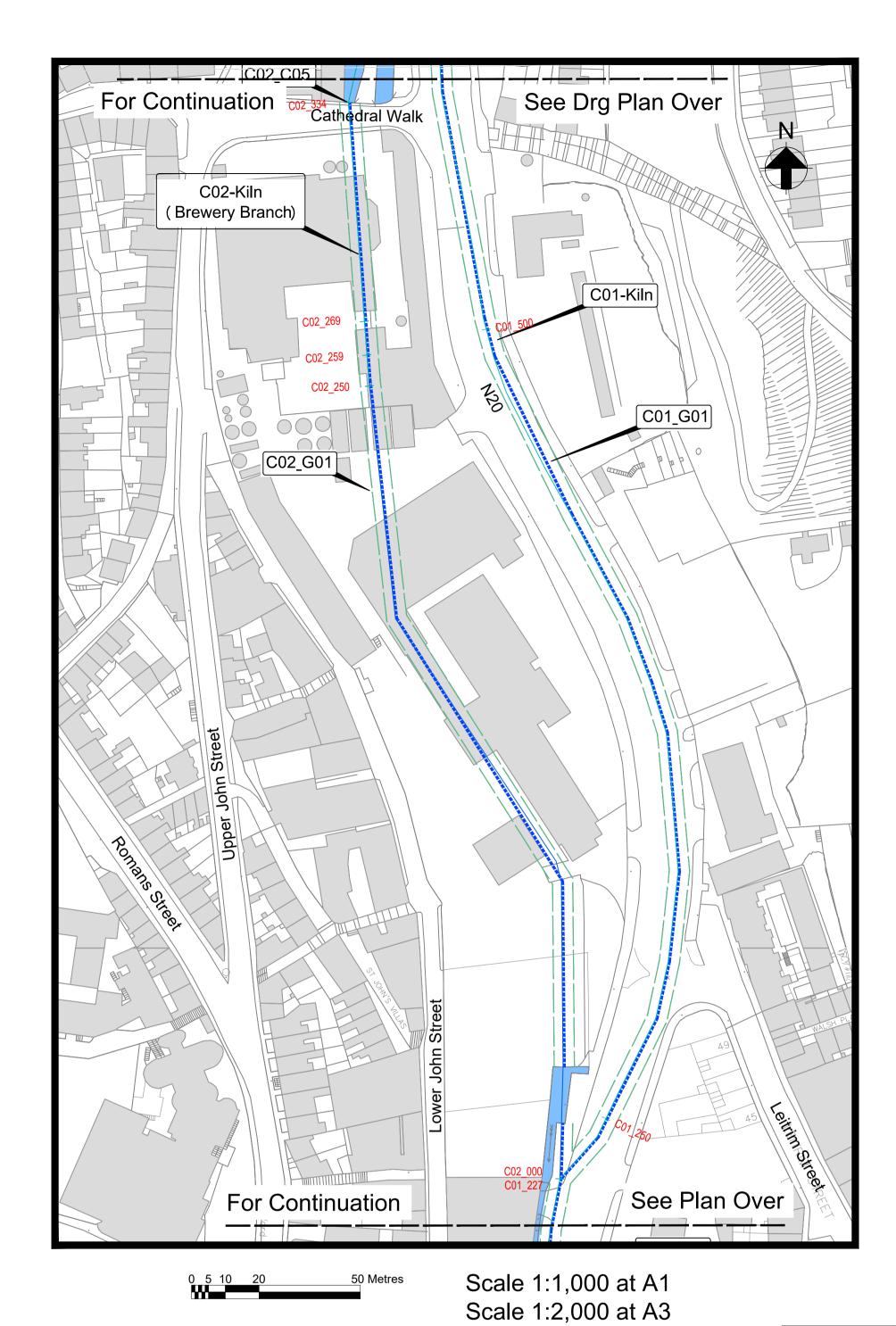
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See Drg Plan Over For Continuation C01_G01 C01-Kiln Devonshire Street Camden Quay Camden Place LAVITT'S QUAY Lavitt's Quay

Issued July 2018

Location Plans

Br. Hit

Key Plan

Scale 1:25,000 at A1 Scale 1:50,000 at A3

Key to Plan

Channel Centrelines, Reference (C06) and Chainage (m)

Existing Culvert to be Retained

Watercourse

Interference Reference

Existing Manhole

Habitat Enhancement Measures

Notes:

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C01_G01	-	227 to 1173	Channel to be maintained over a distance of 946m from the confluence of the Kiln and the Kiln Brewery Branch (C01_227) to Blackpool Church (C01_1173).
C02_C03	-	500 to 552	Local masonry repairs to be carried out within the existing culvert at C02_508, C02_510 and C02_543. Access for these works to be gained from the existing manhole at C02_577.
C02_C04	-	423 to 465	Local masonry repairs to be carried out within the existing culvert at C02_442 to C02_446. Access for these works to be gained from the existing culvert outfall at C02_423.
C02_C05	-	250 to 269	Local masonry repairs to be carried out within the existing culvert at C02_250 to C02_269. Access for these works to be gained from the existing culvert inlet at C02_334.
C02_G01	-	0 to 740	Channel to be maintained over a distance of 740m from the confluence of the Kiln (Brewery Branch) and the Kiln (C02_000) to Madden's Buildings (C02_740).
C02_G02	-	370	Proposed otter habitat enhancement measures

Drg. No. RB_212 Proposed Flood Defences - Plan Layout (Sheet 12 of 12)





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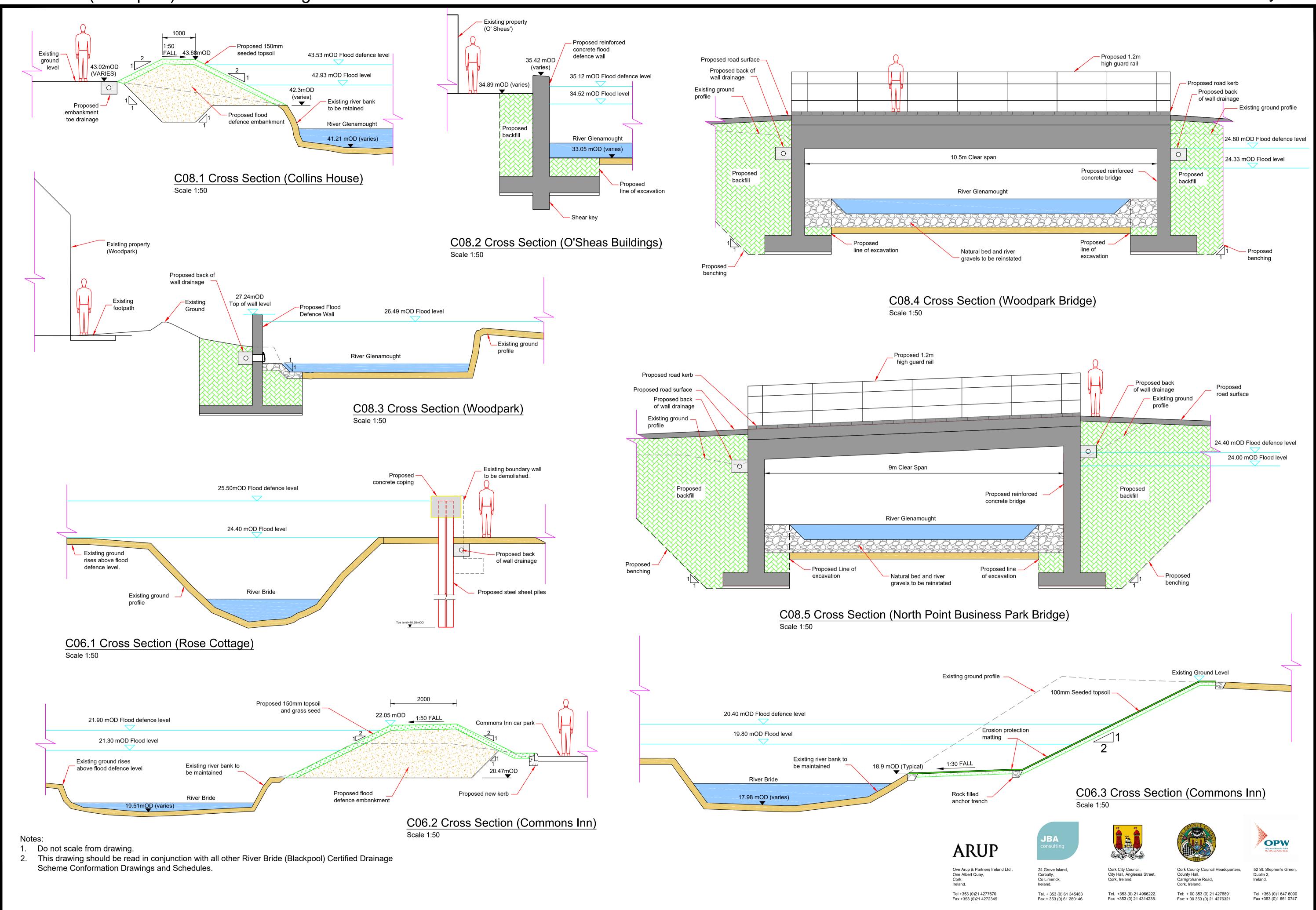


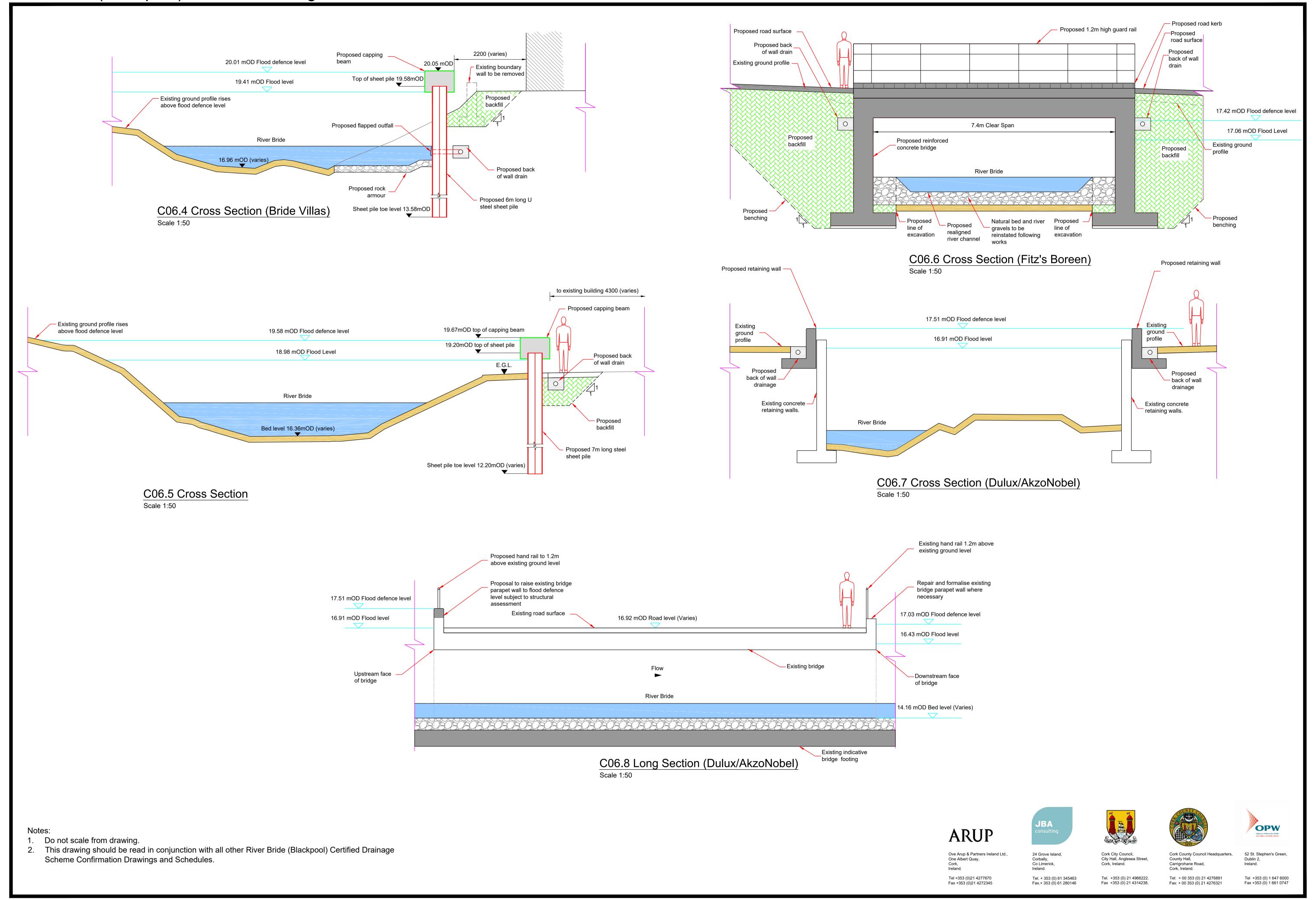
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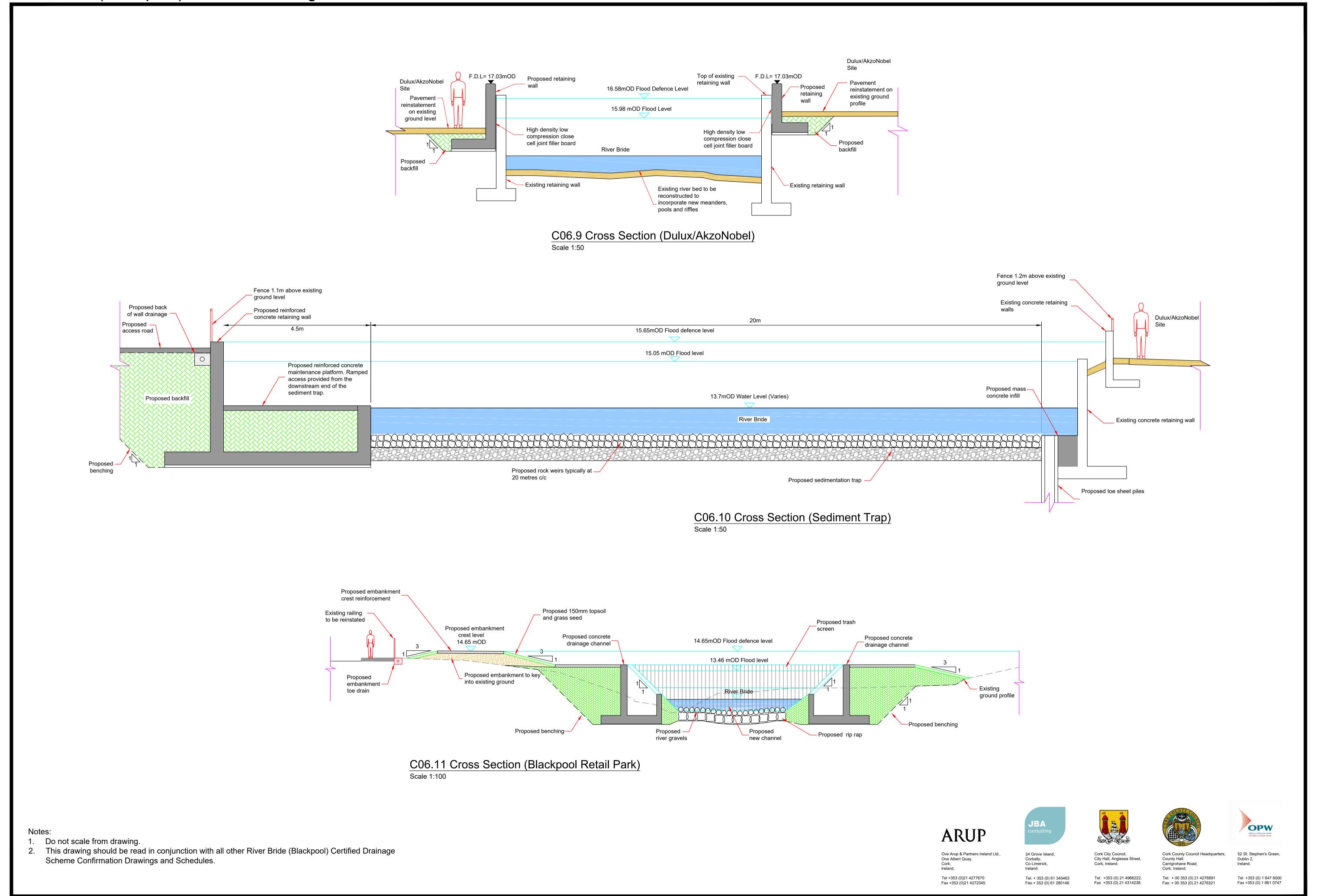
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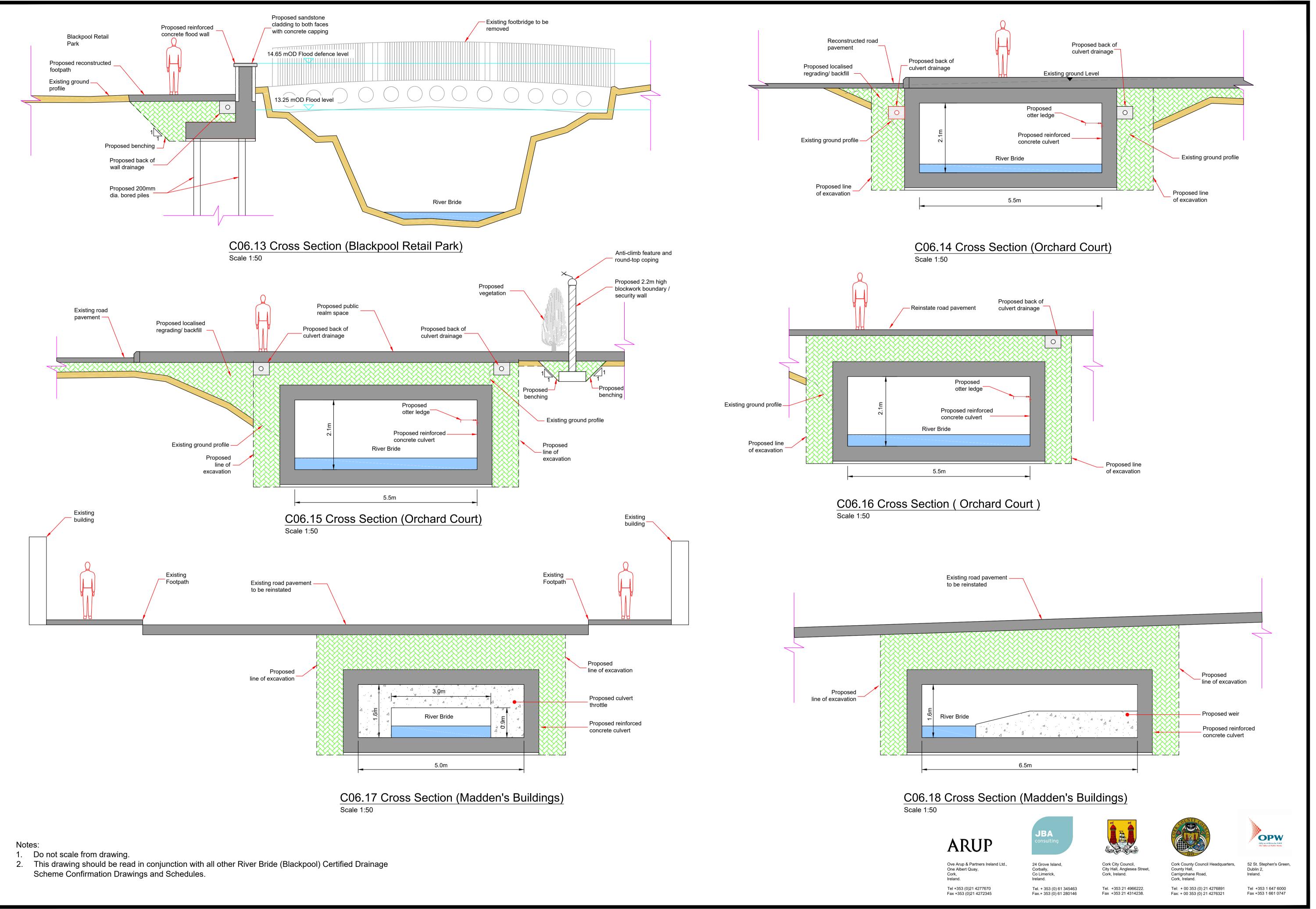
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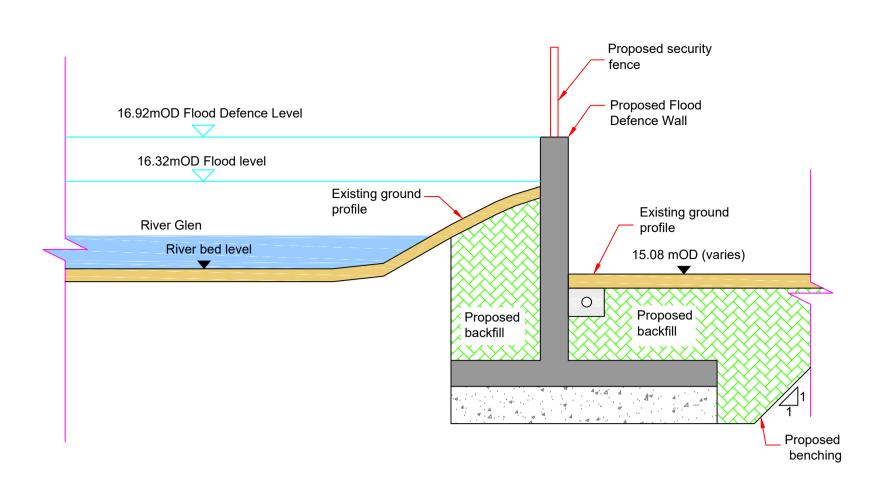






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C04.1 Cross Section (Spring Lane)

1775 (varies) Millfield Industrial Proposed 1.2m high guard rail estate building Pedestrian handrail Proposed road surface Proposed high Concrete bed Existing — 14.55 mOD (varies) ▼ 15:05 AOD 15:05 AOD 10.5m Clear Span Proposed backfill Proposed backfill Existing ground profile River Bride Existing bed level 12.00 mOD Proposed benching Natural bed and river Proposed line of - Proposed Proposed -benching gravels to be line of excavation river channel reinstated following excavation

> C06.19 Cross Section (Millfield Industrial Estate) Scale 1:50

1. Do not scale from drawing.

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