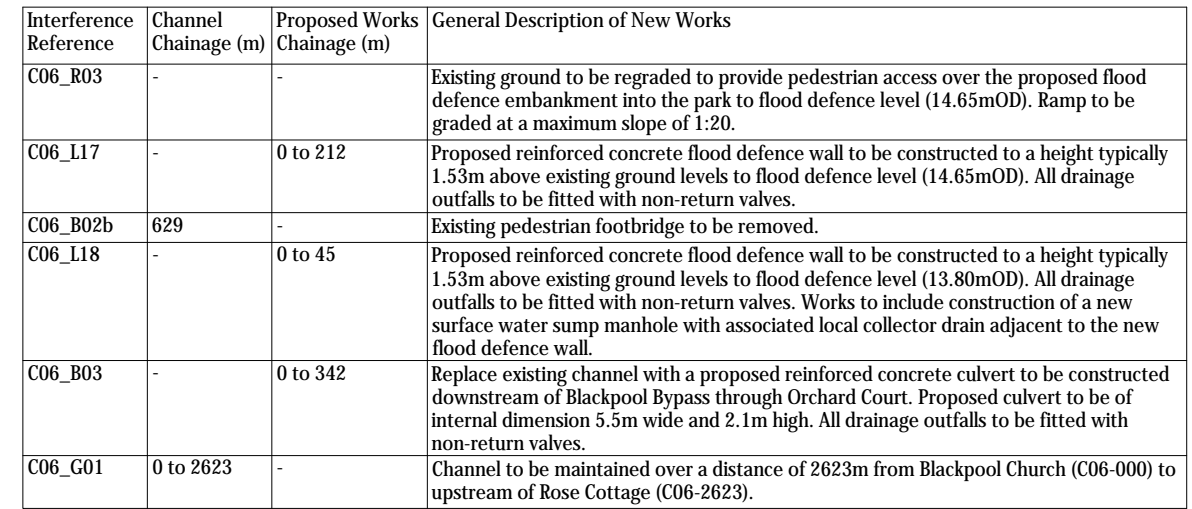
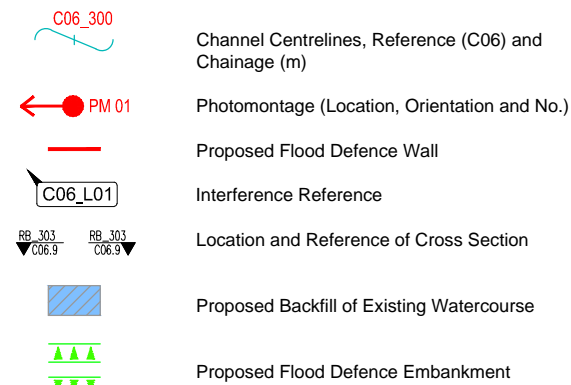








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2. Proposed works geometry and extents are subject to detailed design.
3. This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.

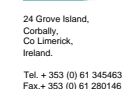
Scale 1:1,000 at A1  
Scale 1:2,000 at A3



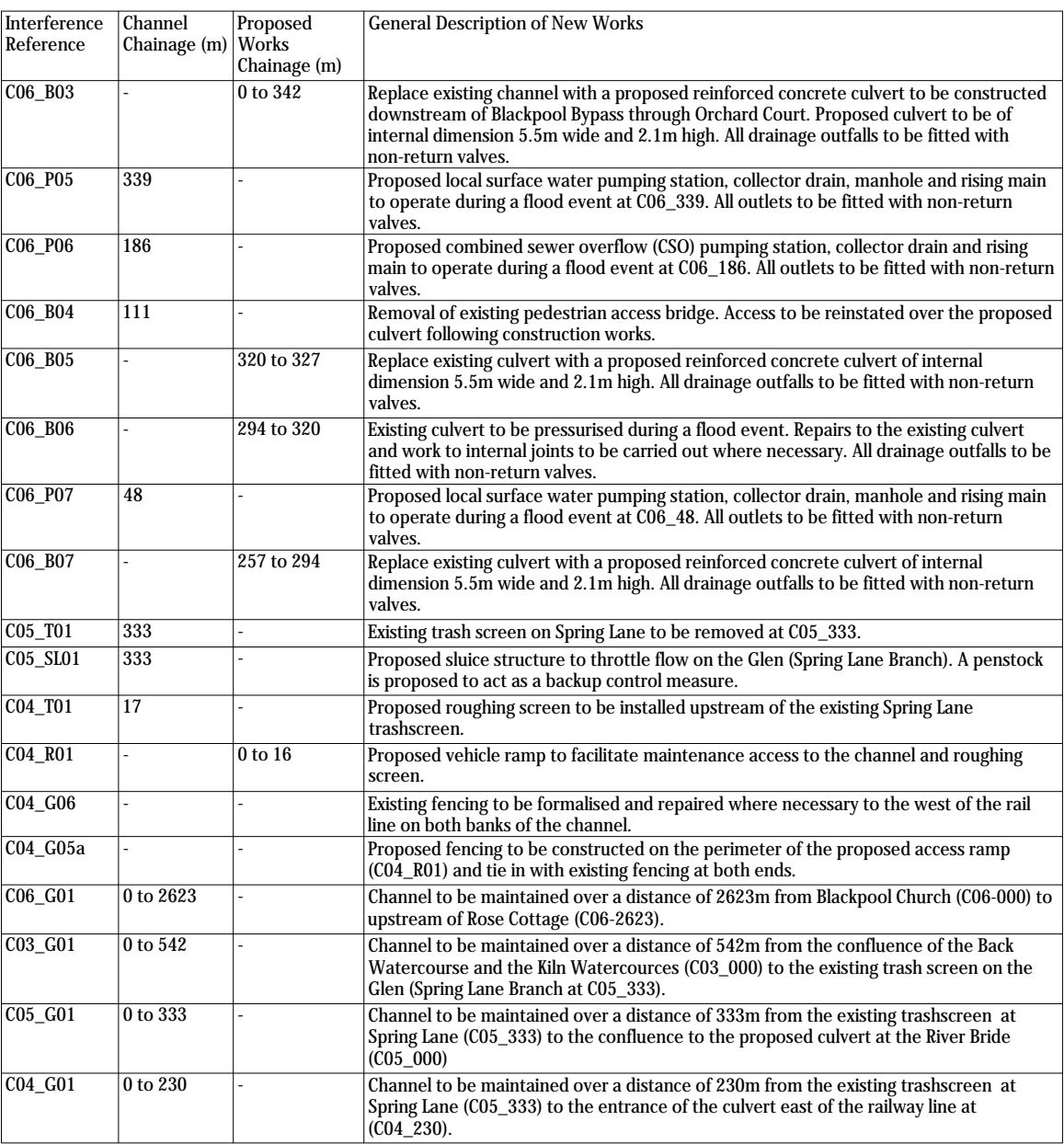
	Existing Culvert to be Retained
	Proposed Regrading of Ground Levels
	Watercourse
	Proposed Open channel
	Proposed Reinforced Concrete Culvert
50	Proposed Works Chainage (m)
	Proposed Sump Manhole (Surface Water)

Scale 1:20,000 at A1  
Scale 1:40,000 at A3

Drg. No. RB\_206 Proposed Flood Defences - Plan Layout (Sheet 6 of 10)



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Notes:

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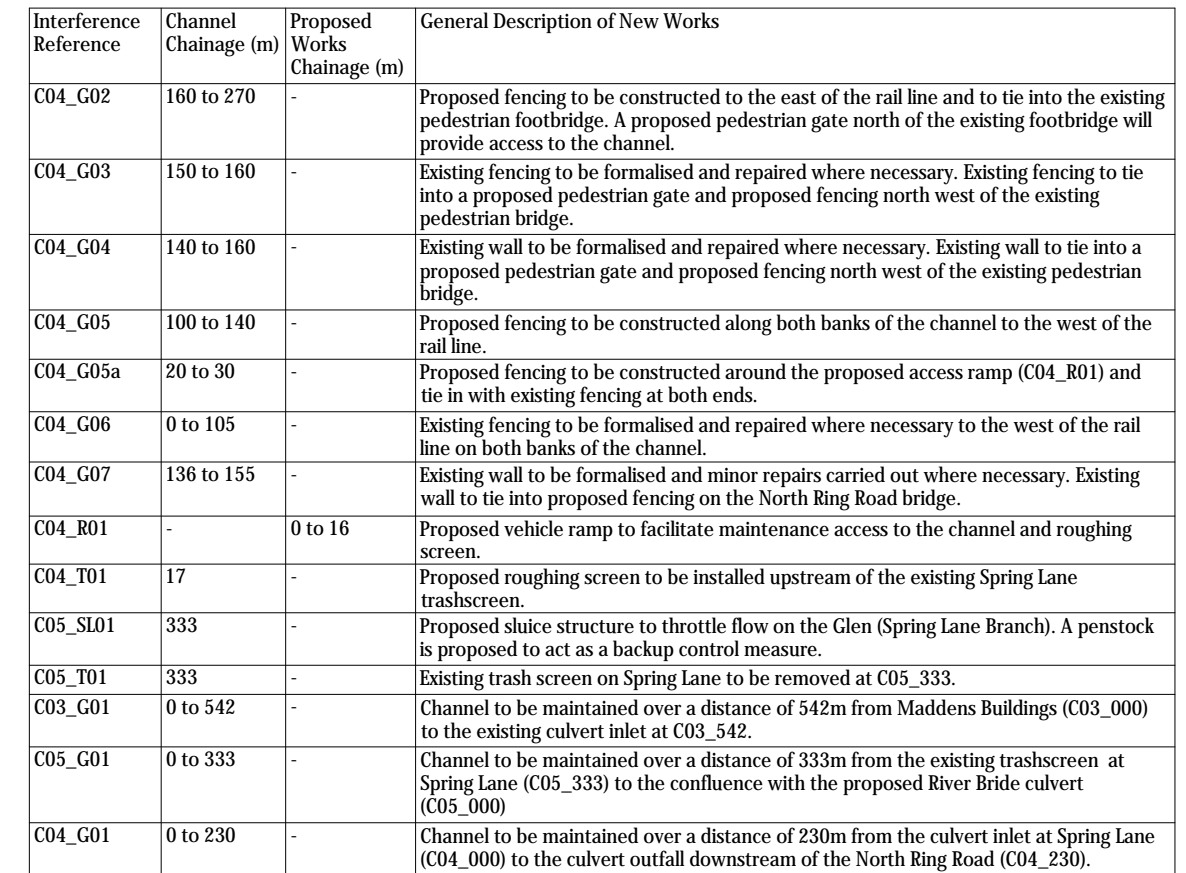
Scale 1:1,000 at A1  
Scale 1:2,000 at A3



Scale 1:20,000 at A1  
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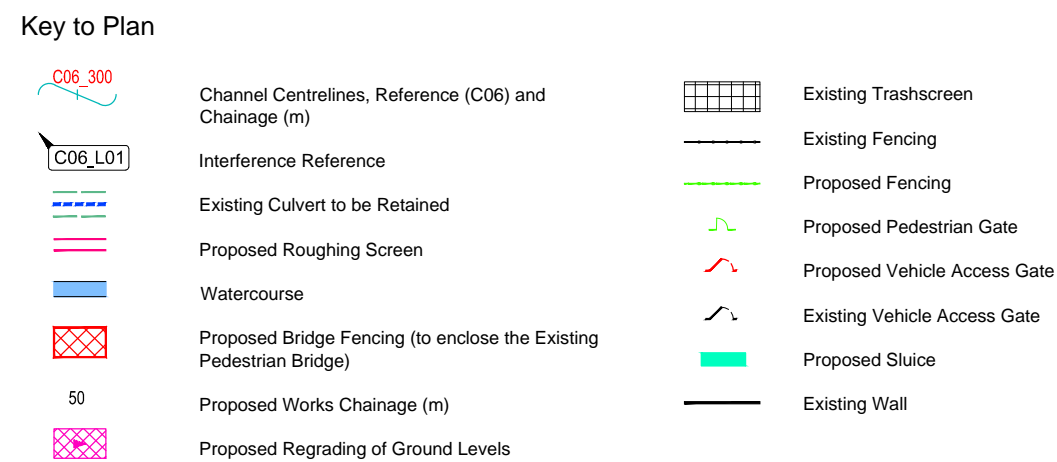
 <p>Ove Arup &amp; Partners Ireland Ltd., 15 Oliver Plunkett Street, Cork, Ireland.</p> <p>Tel +353 (0)21 4277670 Fax +353 (0)21 4272345</p>	 <p>24 Grove Island, Corbally, Go Limerick, Ireland.</p> <p>Tel + 353 (0)1 61 345643 Fax +353 (0)1 61 280146</p>	 <p>Cork City Council, City Hall, Anglesea Street, Cork, Ireland.</p> <p>Tel +353 (0)21 4966222 Fax +353 (0)21 4214238</p>	 <p>Cork County Council Headquarters, County Hall, Carrigrohane Road, Cork, Ireland.</p> <p>Tel + 00 353 (0)21 4276891 Fax + 00 353 (0)21 4276321</p>	 <p>51 St. Stephen's Green, Dublin 2, Ireland.</p> <p>Tel +353 (0)1 667 6000 Fax +353 (0)1 661 0747</p>
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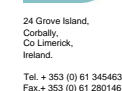
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Scale 1:1,000 at A1  
Scale 1:2,000 at A3



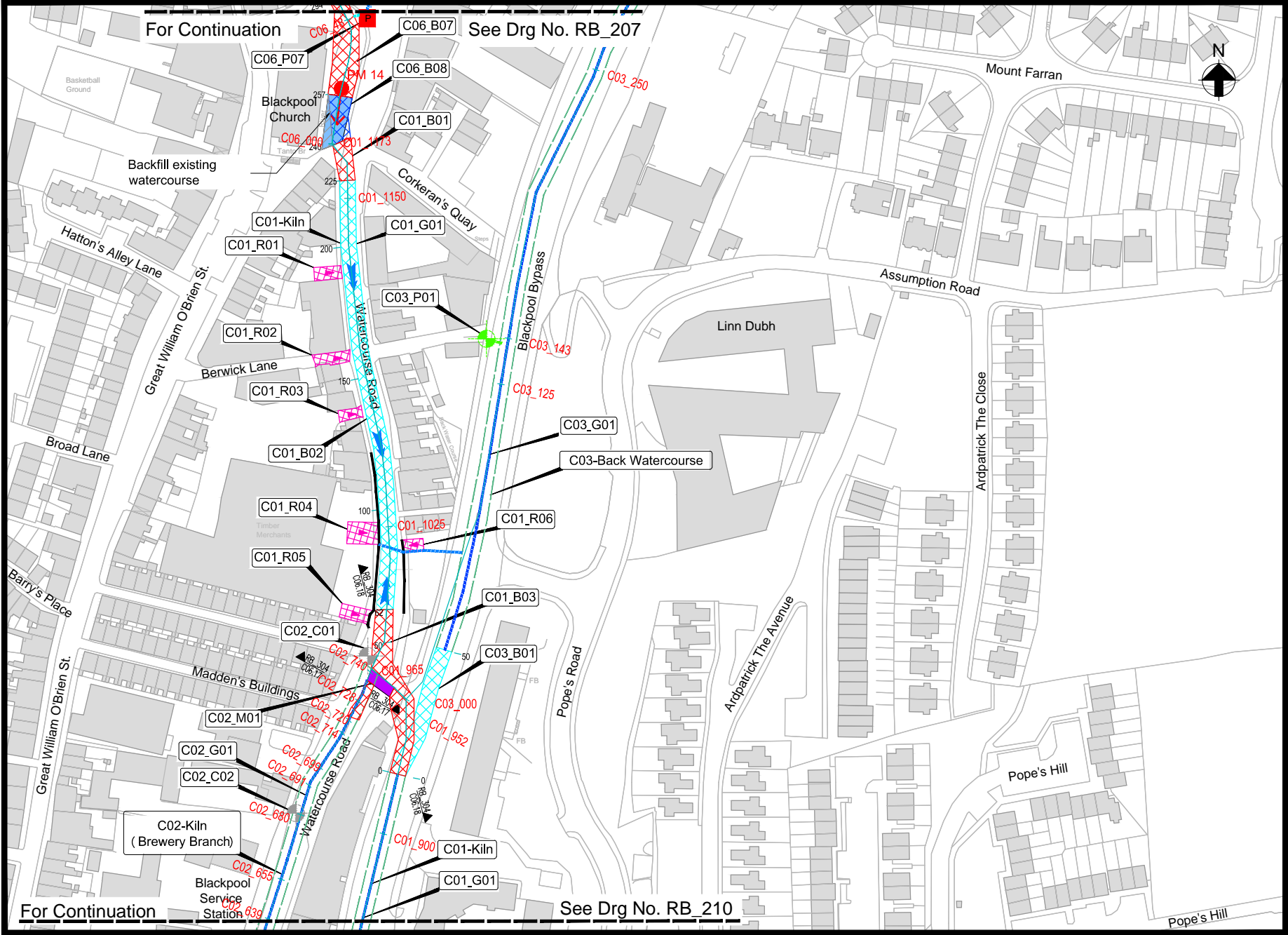
Scale 1:20,000 at A1  
Scale 1:40,000 at A3

Drg. No. RB\_208 Proposed Flood Defences - Plan Layout (Sheet 8 of 10)



River Bride (Blackpool) Certified Drainage Scheme

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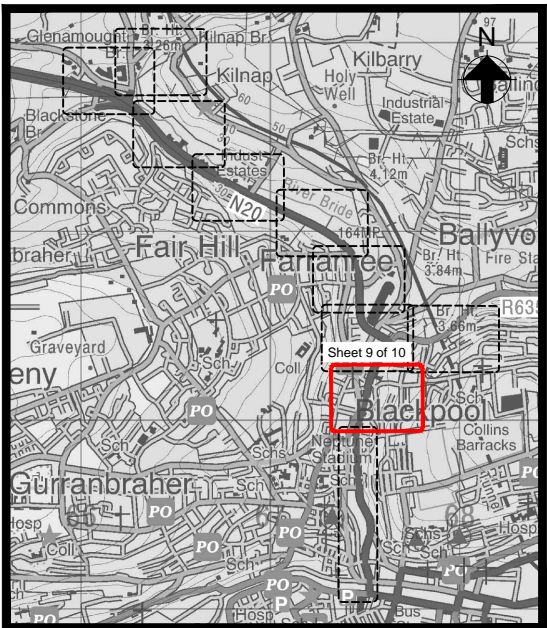


Interference Reference	Channel Chainage (m)	Proposed Works Chainage (m)	General Description of New Works
C06_P07	48	-	Proposed local surface water pumping station, collector drain, manhole and rising main to operate during a flood event at C06_48. All outlets to be fitted with non-return valves.
C06_B07	-	257 to 294	Replace existing culvert with proposed reinforced concrete culvert of internal dimension 5.5m wide x 2.1m high. All drainage outfalls to be fitted with non-return valves.
C06_B08	-	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.
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.
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_P01	143	-	Existing CSO to be diverted into the Back Watercourse culvert (C03) during a flood event.
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.
C06_G01	0 to 2623	-	Channel to be maintained over a distance of 2623m from Blackpool Church (C06_000) to upstream of Rose Cottage (C06_2623).
C01_R01	-	-	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	-	-	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	-	-	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	-	-	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	-	-	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	-	-	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.
C03_G01	0 to 542	-	Channel to be maintained over a distance of 542m from Maddens Buildings (C3_000) to the existing culvert inlet at C03_542.
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_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).

Notes:

- Do not scale from drawing.
- Proposed works geometry and extents are subject to detailed design.
- This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.

Location Plan



Key Plan

Scale 1:20,000 at A1  
Scale 1:40,000 at A3

Key to Plan

- Channel Centrelines, Reference (C06) and Chainage (m)
- Interference Reference
- Location and Reference of Cross Section
- Photomontage (Location, Orientation and No.)
- Existing Culvert to be Retained
- Proposed Flow Control Feature
- Proposed Works Chainage (m)
- Watercourse
- Proposed Regrading of Ground Levels
- Proposed Surface Water Overland Flow Route
- Proposed Replacement Reinforced Concrete Culvert
- Proposed Reinforced Concrete Culvert
- Pressurised Existing Culvert
- Proposed Backfill of Existing Watercourse
- Proposed Pumping Station (Surface Water)
- Proposed Rising Main (Surface Water)
- Proposed Drain (Surface Water)
- Proposed Drainage Kerb (Surface Water)
- Proposed CSO Overflow Manhole
- Existing Manhole

Drg. No. RB\_209 Proposed Flood Defences - Plan Layout (Sheet 9 of 10)

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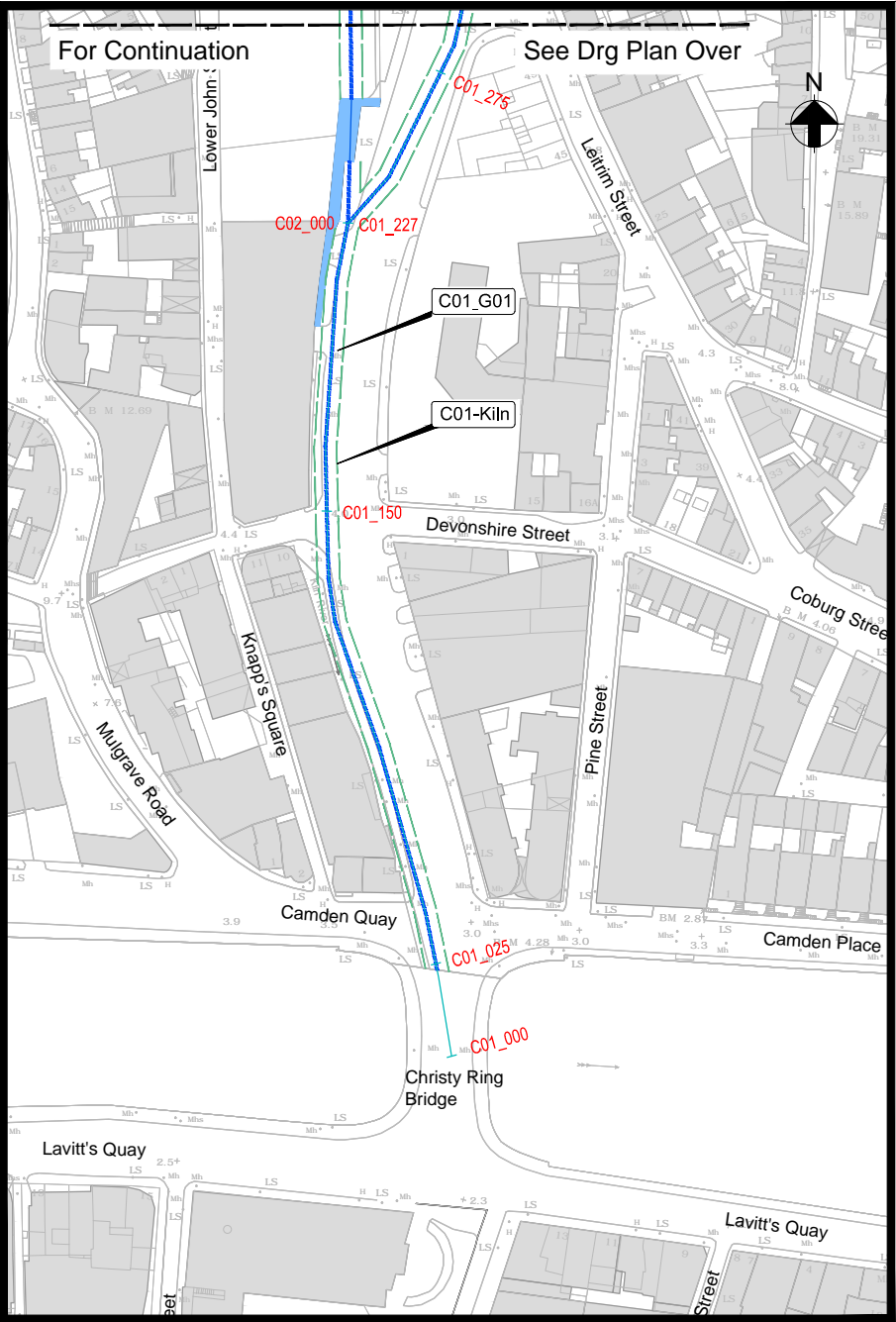
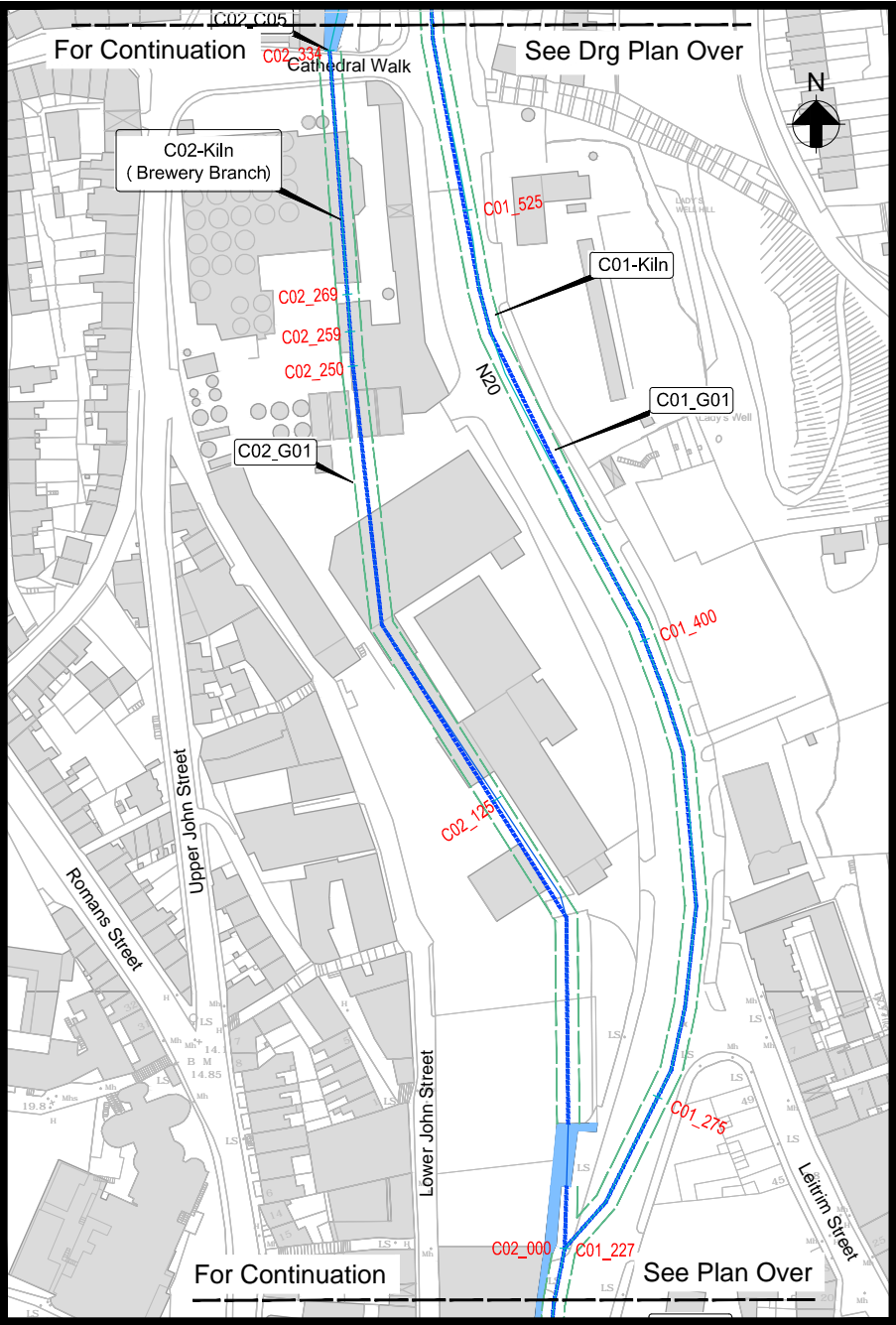
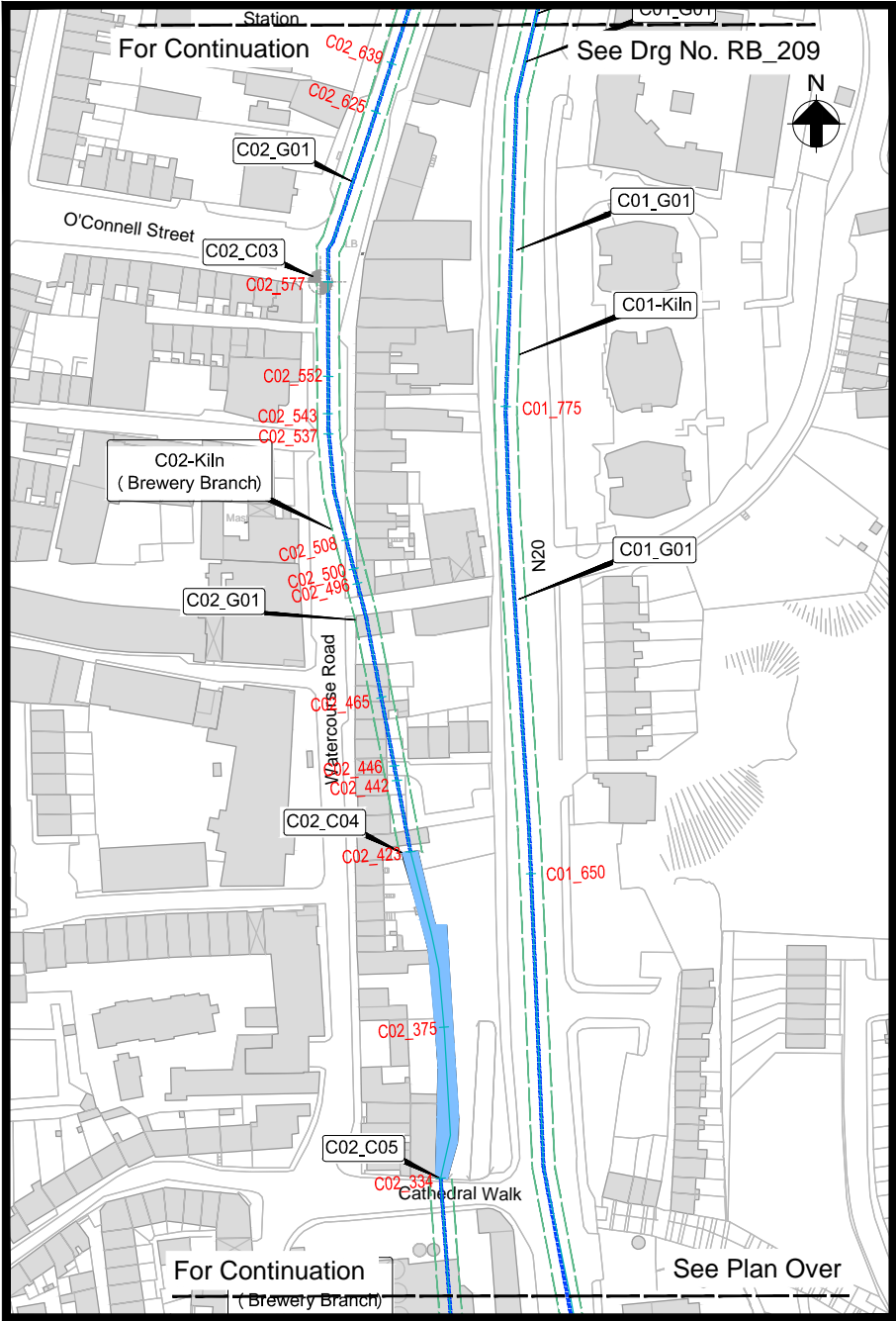
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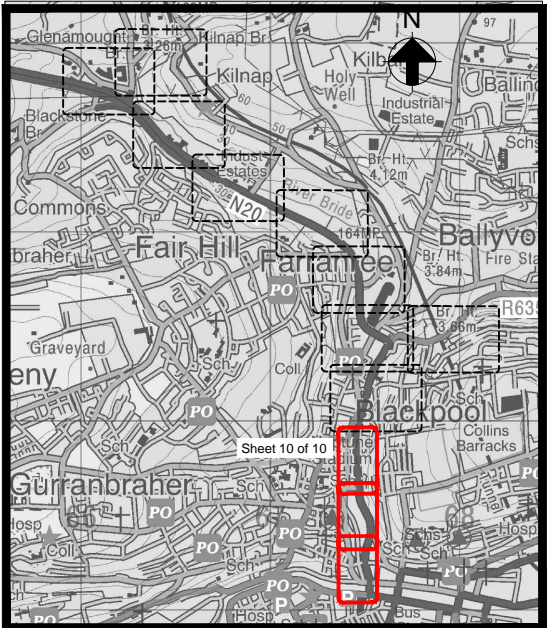
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OPW  
Office of Public Works






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Location Plans



Key to Plan

-  Channel Centreline, Reference (C06) and Chainage (m)
-  Existing Culvert to be Retained
-  Watercourse
-  Interference Reference
-  Existing Manhole

- Notes:
- Do not scale from drawing.
  - Proposed works geometry and extents are subject to detailed design.
  - This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.

Key Plan

Scale 1:20,000 at A1  
Scale 1:40,000 at A3



Scale 1:1,000 at A1  
Scale 1:2,000 at A1

Interference Reference	Channel Chainage (m)	Proposed Works Chainage (m)	General Description of New Works
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.
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_G01	0 to 740	-	Channel to be maintained over a distance of 740m from the downstream confluence of the Kiln (Brewery Branch) to the Kiln (C02_000) to the upstream confluence of the Kiln and the Back Watercourse at Madden's Buildings (C02_740).

Drg. No. RB\_210 Proposed Flood Defences - Plan Layout (Sheet 10 of 10)

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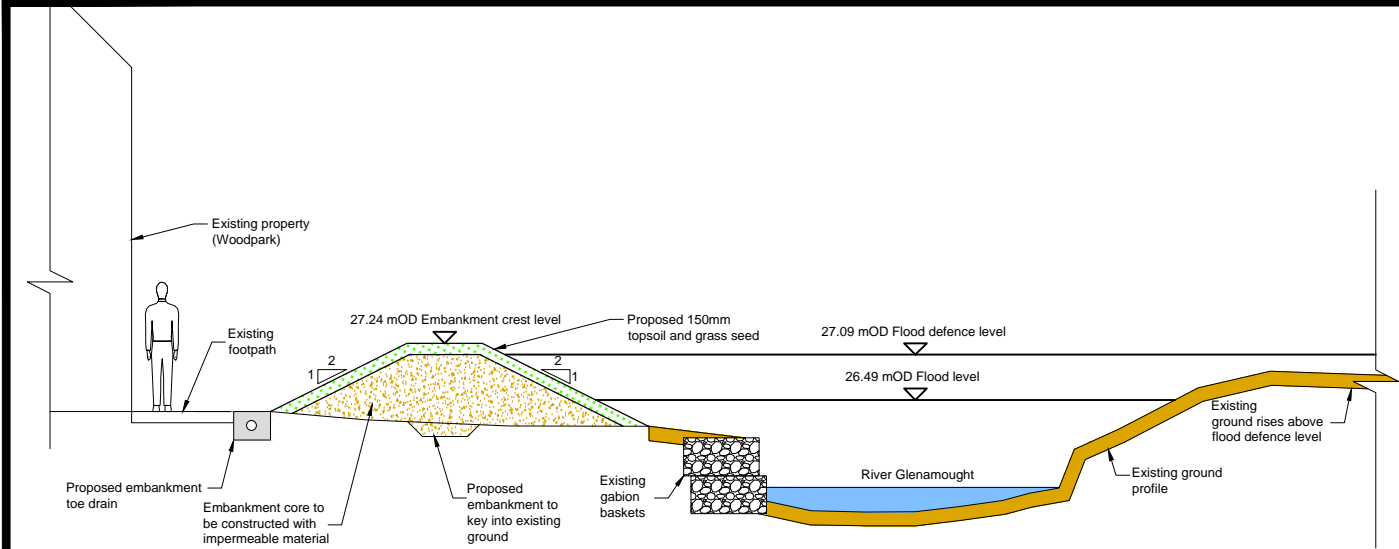
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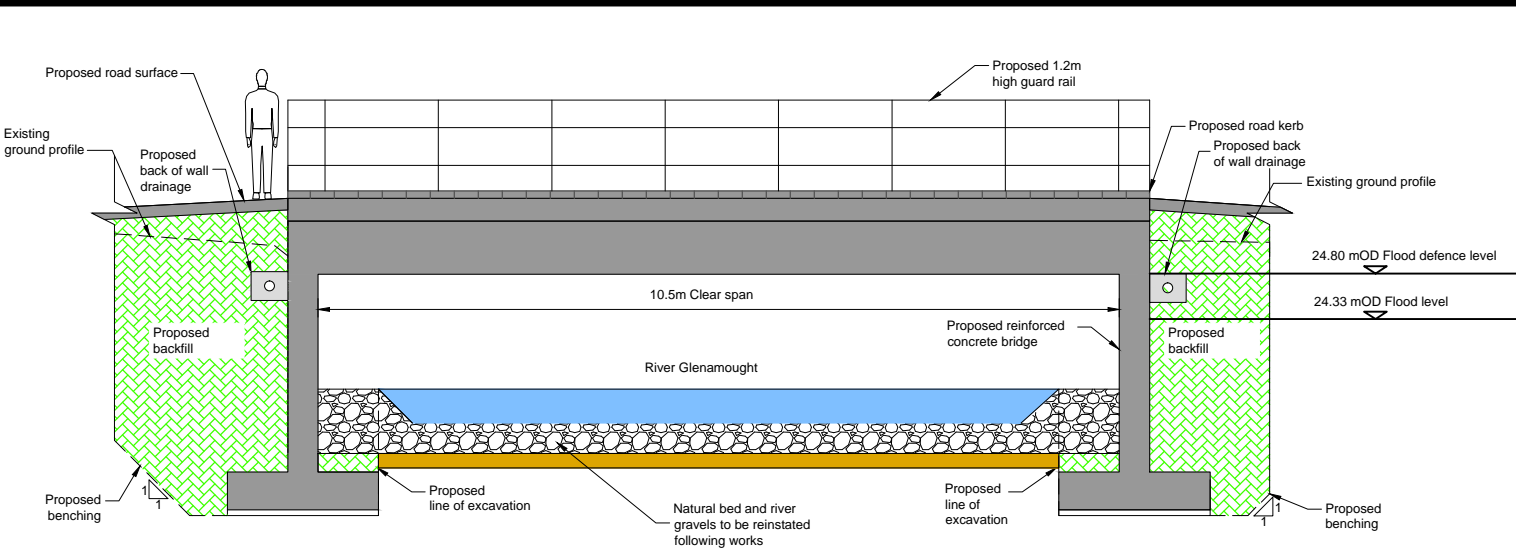
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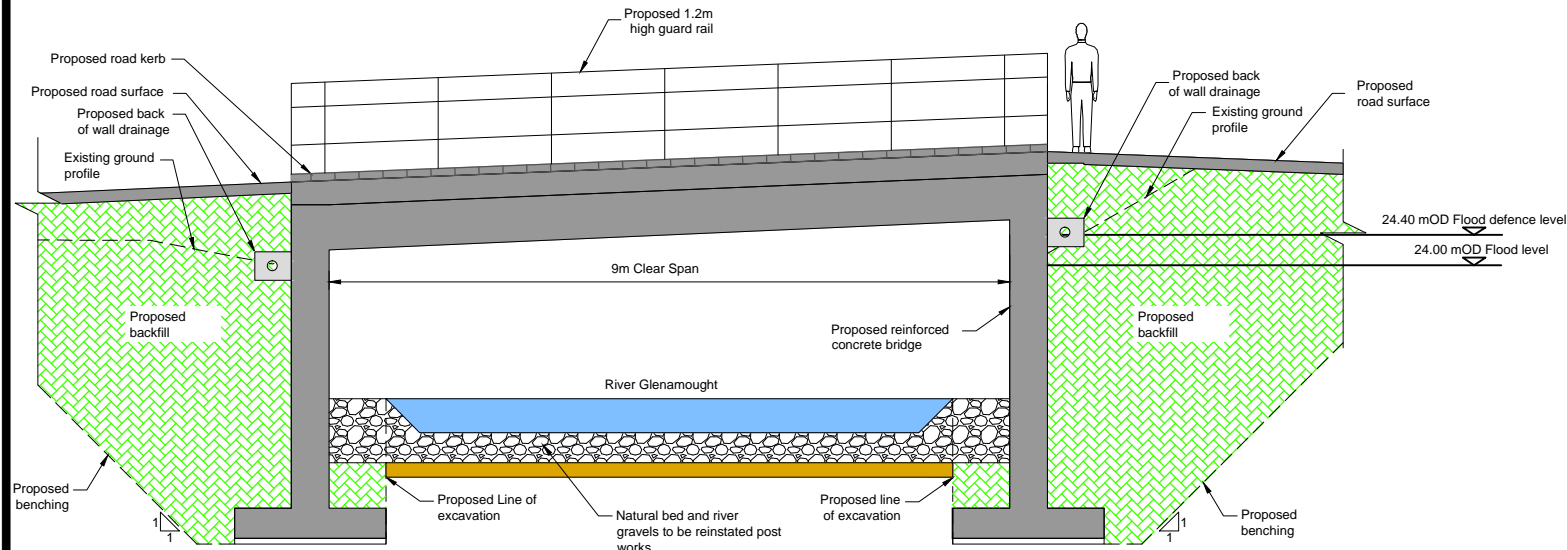
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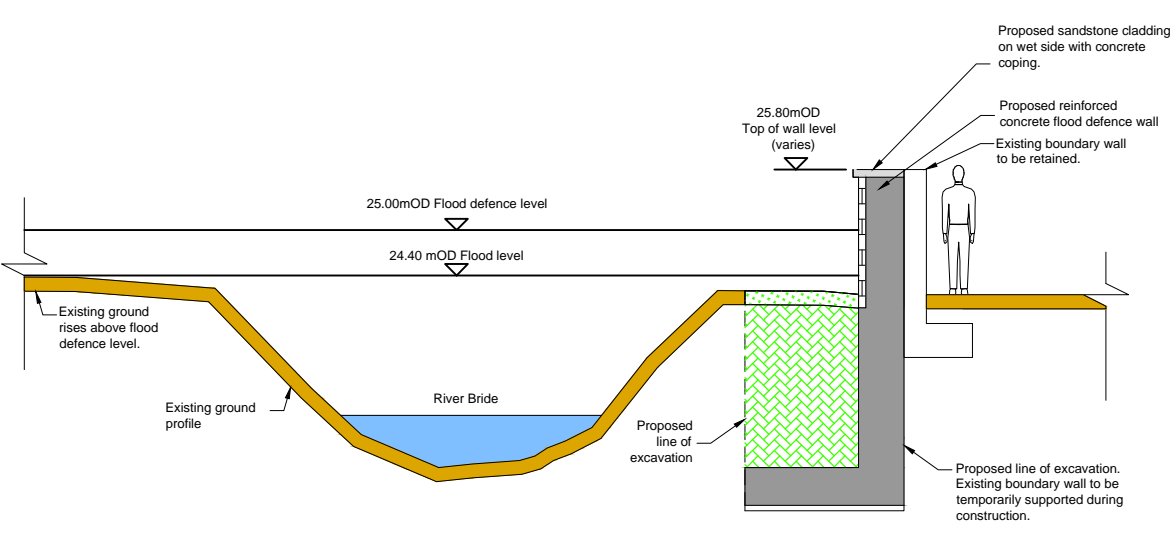
C08.1 Cross Section (Woodpark)  
Scale 1:50



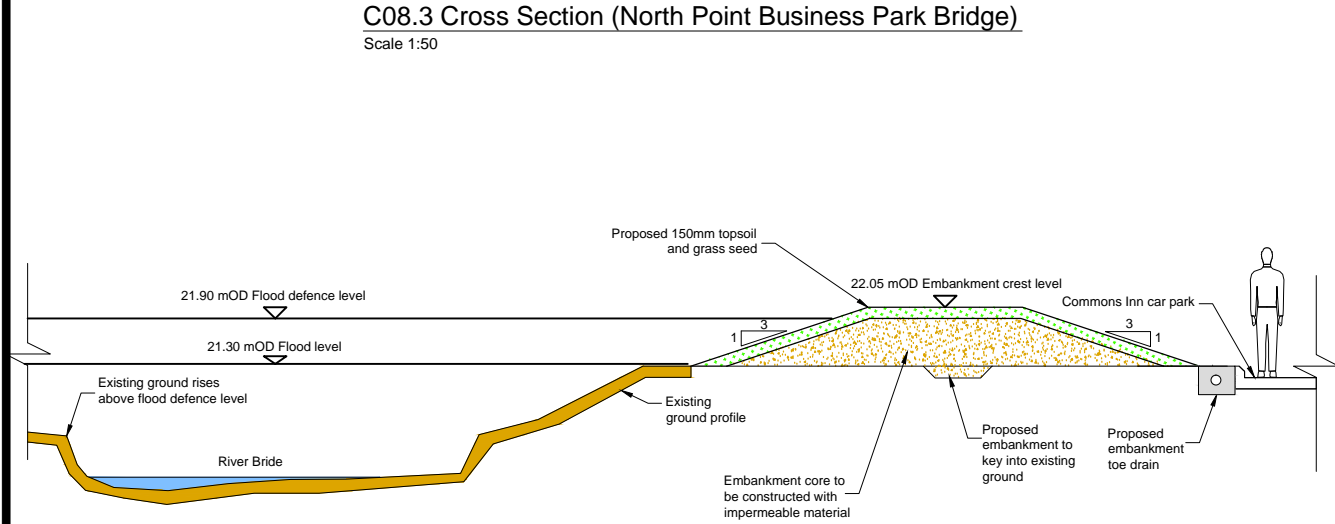
C08.2 Cross Section (Woodpark Bridge)  
Scale 1:50



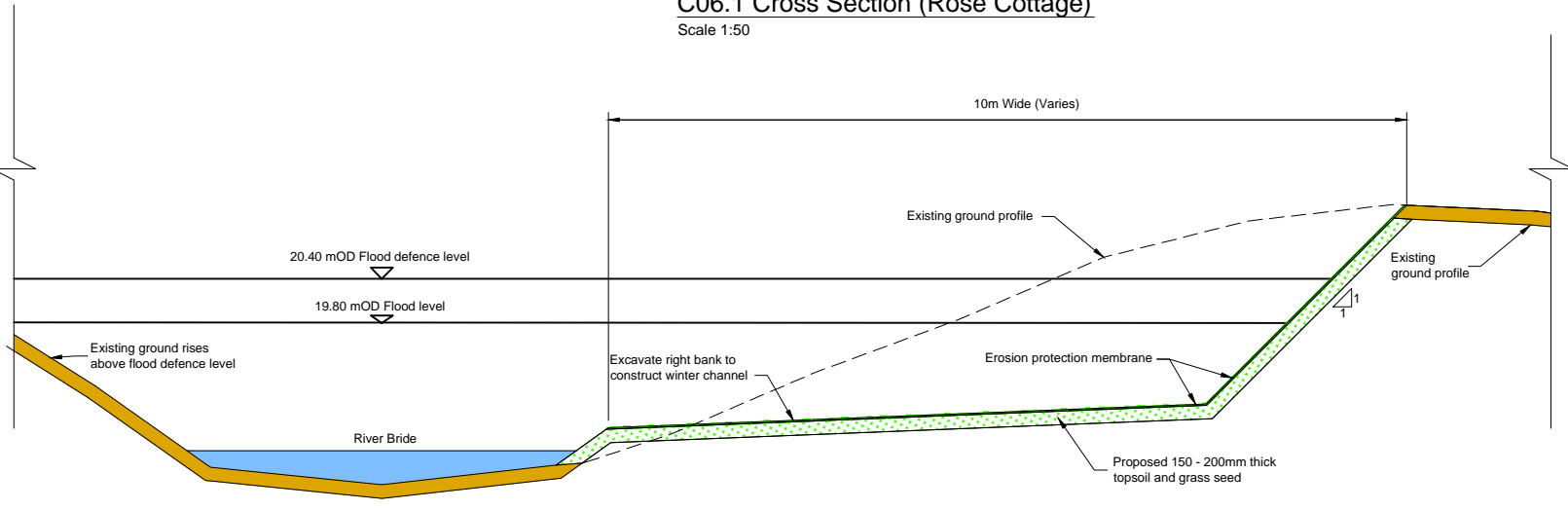
C08.3 Cross Section (North Point Business Park Bridge)  
Scale 1:50



C06.1 Cross Section (Rose Cottage)  
Scale 1:50



C06.2 Cross Section (Commons Inn)  
Scale 1:50



C06.3 Cross Section (Commons Inn)  
Scale 1:50

- Notes:
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  2. Proposed works geometry and extents are subject to detailed design.
  3. This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Exhibition Drawings and Schedules.

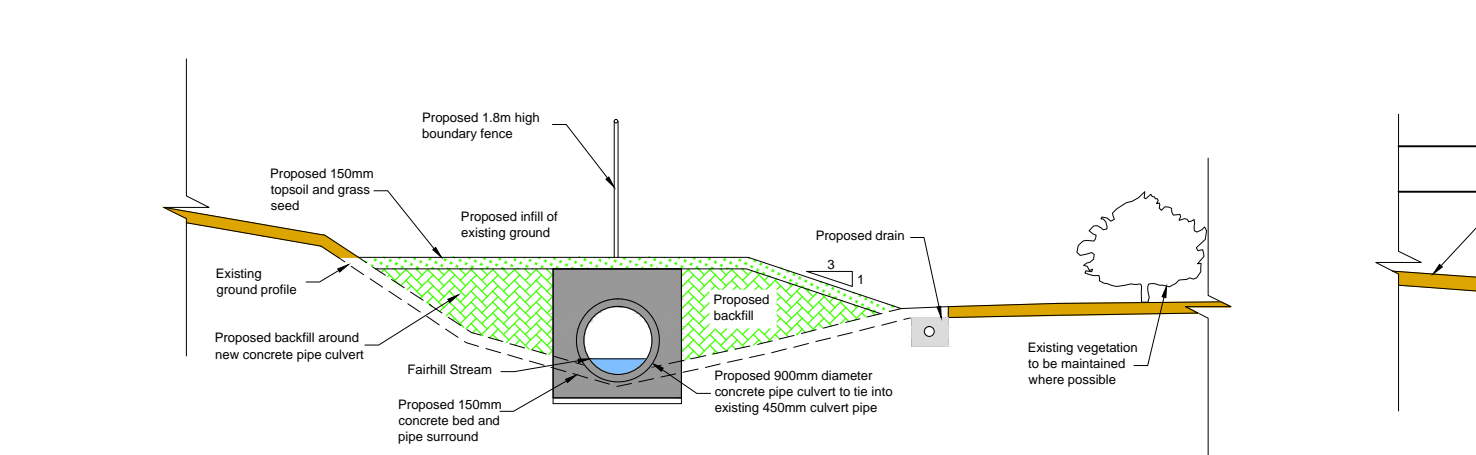
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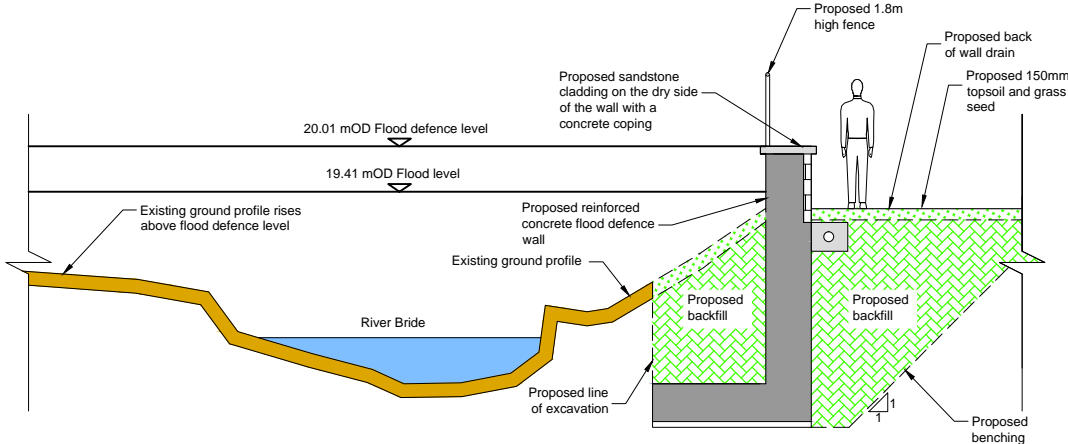
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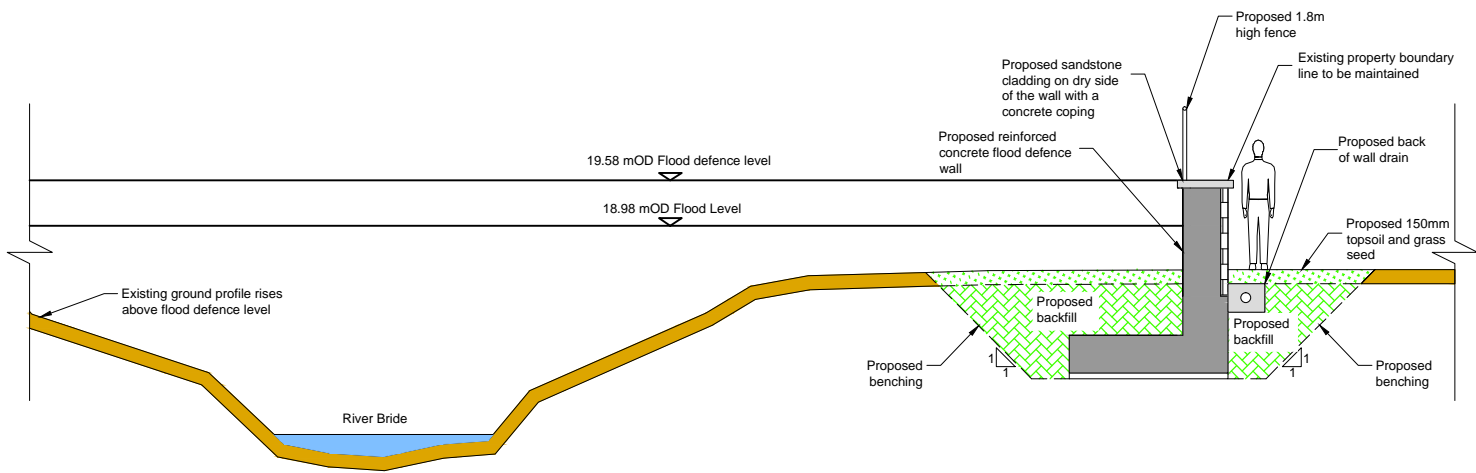
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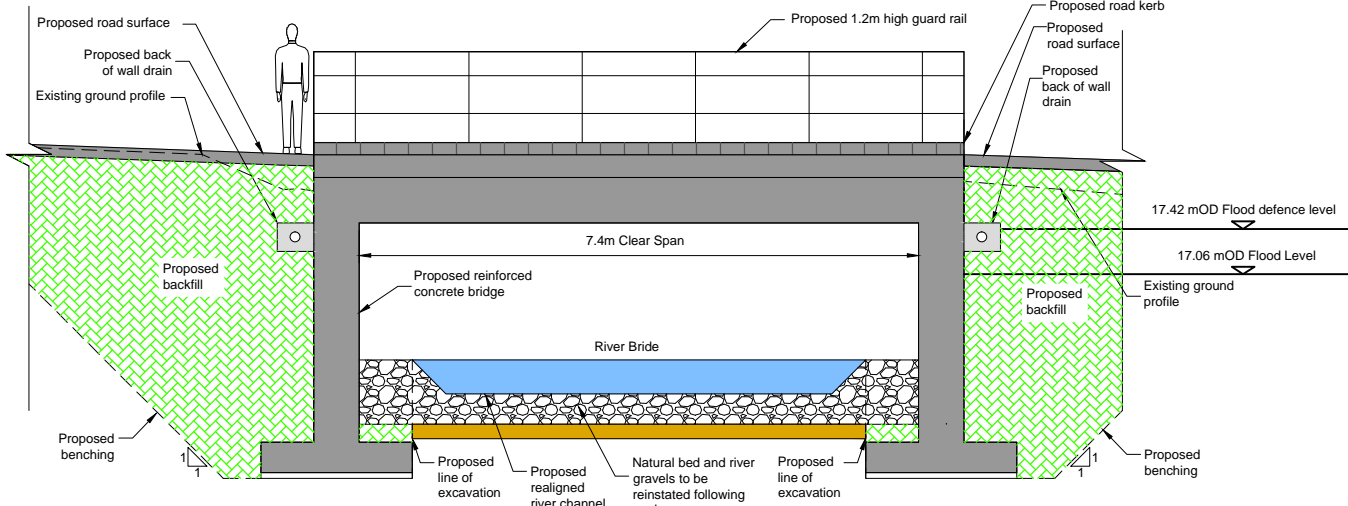
C07.1 Cross Section (Fairhill Stream)  
Scale 1:50



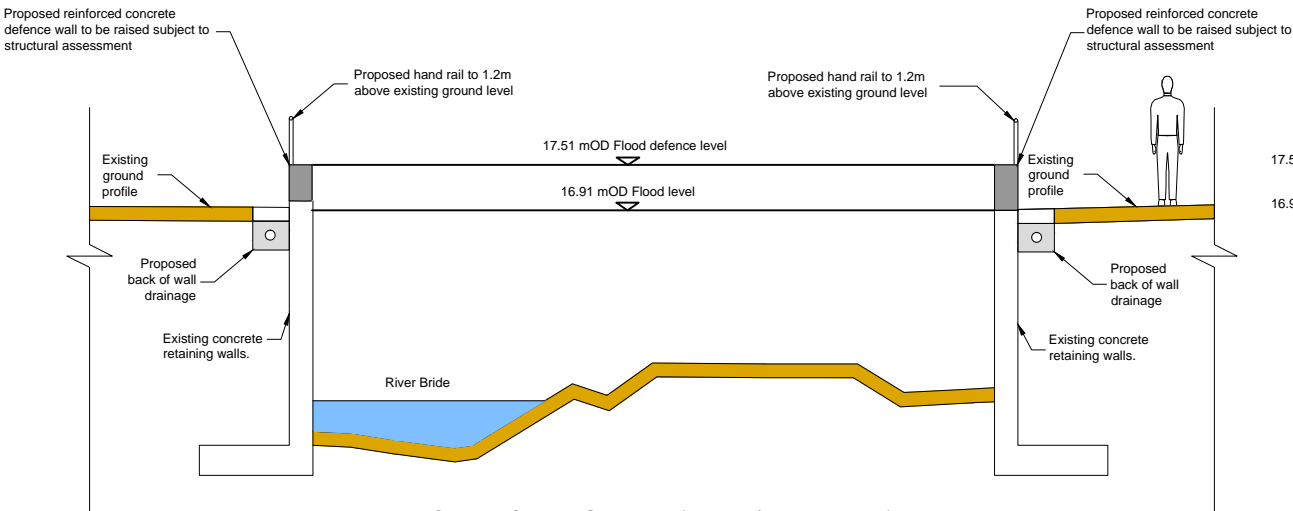
C06.4 Cross Section (Bride Villas)  
Scale 1:50



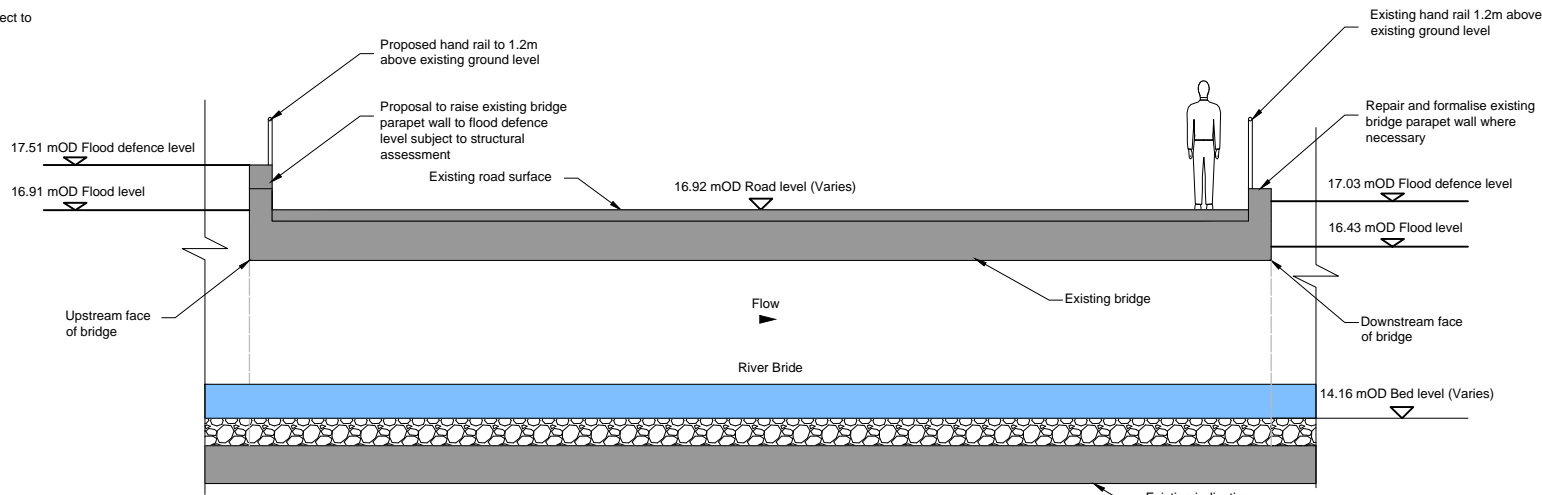
C06.5 Cross Section  
Scale 1:50



C06.6 Cross Section (Fitz's Breen)  
Scale 1:50



C06.7 Cross Section (Dulux/AkzoNobel)  
Scale 1:50



C06.8 Long Section (Dulux/AkzoNobel)  
Scale 1:50

- Notes:
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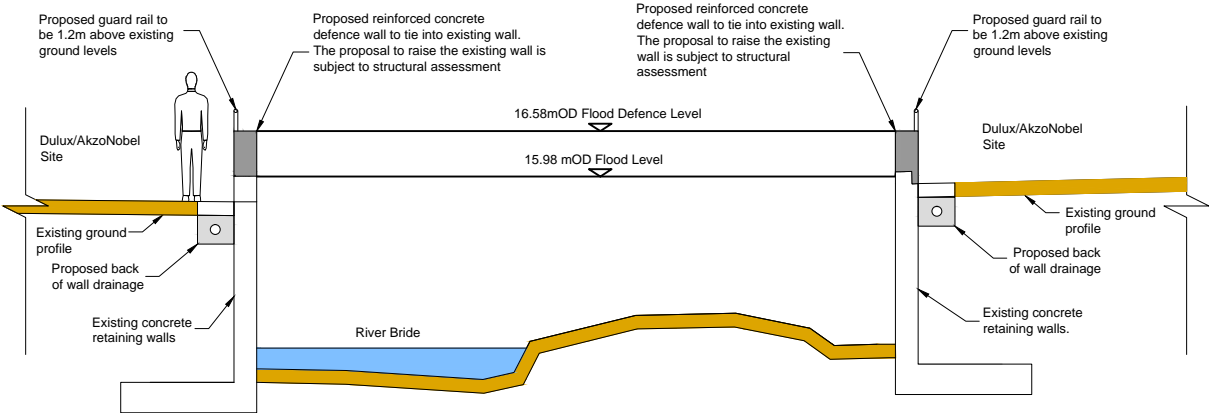
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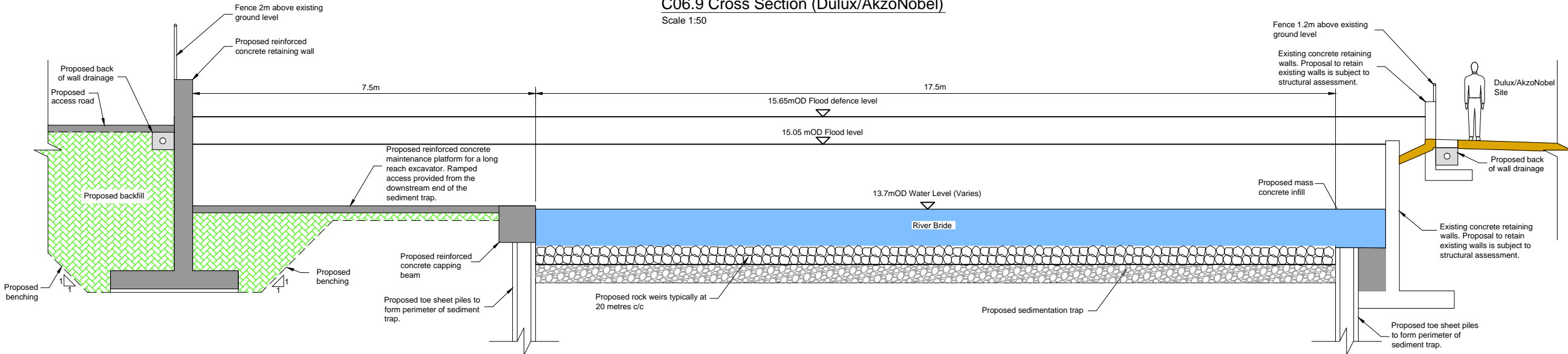
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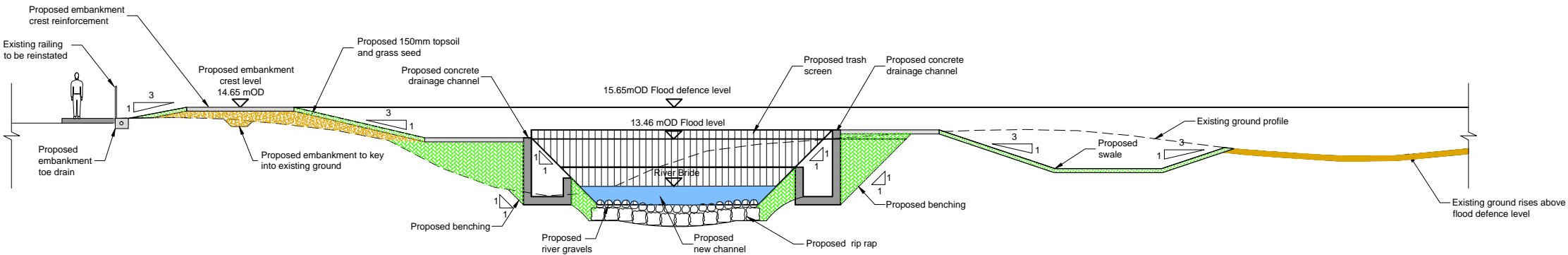
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C06.9 Cross Section (Dulux/AkzoNobel)  
Scale 1:50



C06.10 Cross Section (Sediment Trap)  
Scale 1:50



C06.11 Cross Section (Blackpool Retail Park)  
Scale 1:100

- Notes:
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  2. Proposed works geometry and extents are subject to detailed design.
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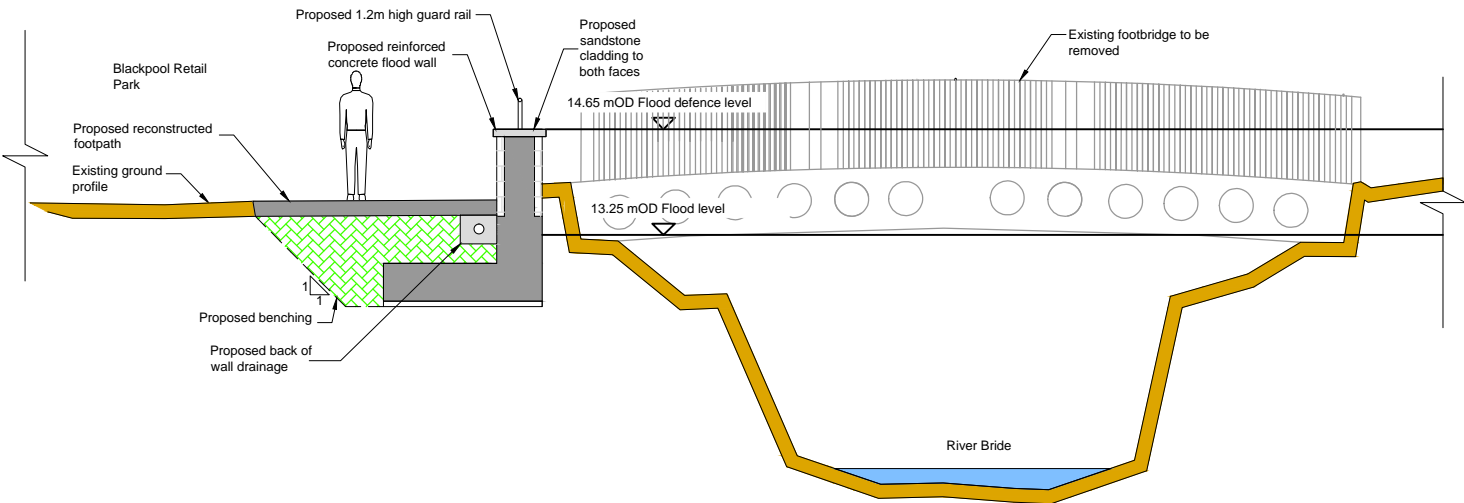
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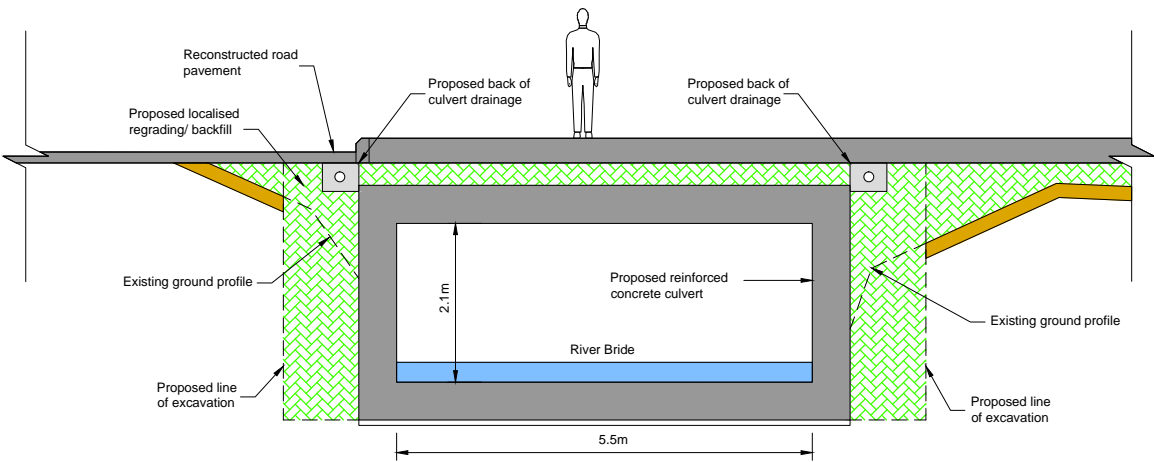
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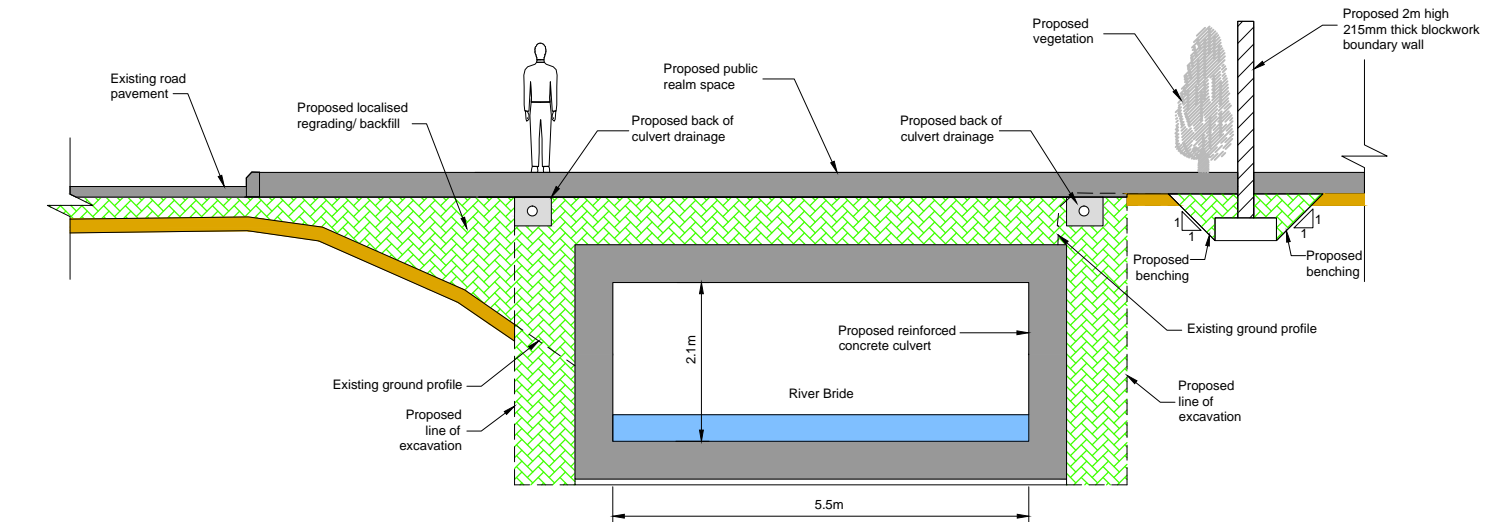
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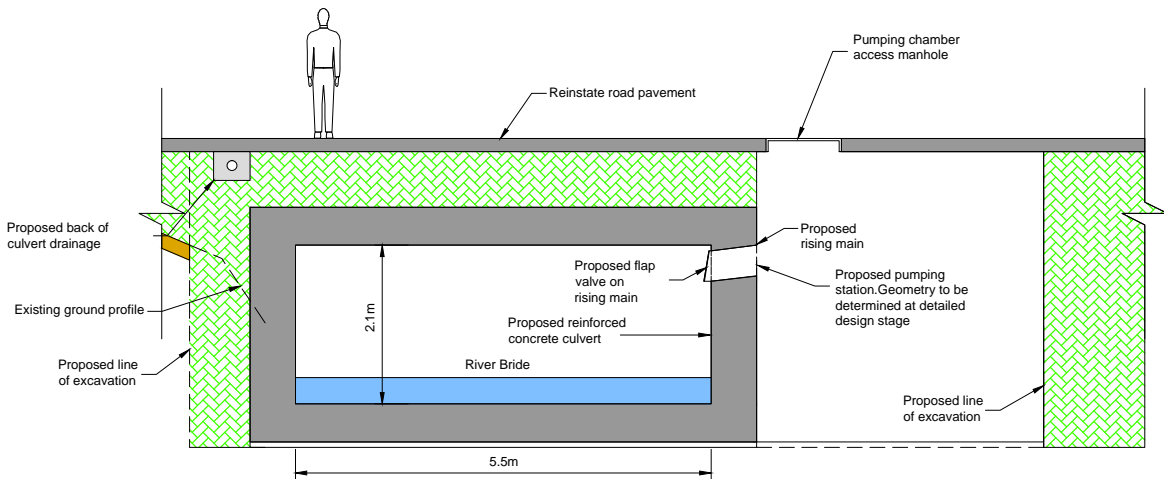
C06.13 Cross Section (Blackpool Retail Park)  
Scale 1:50



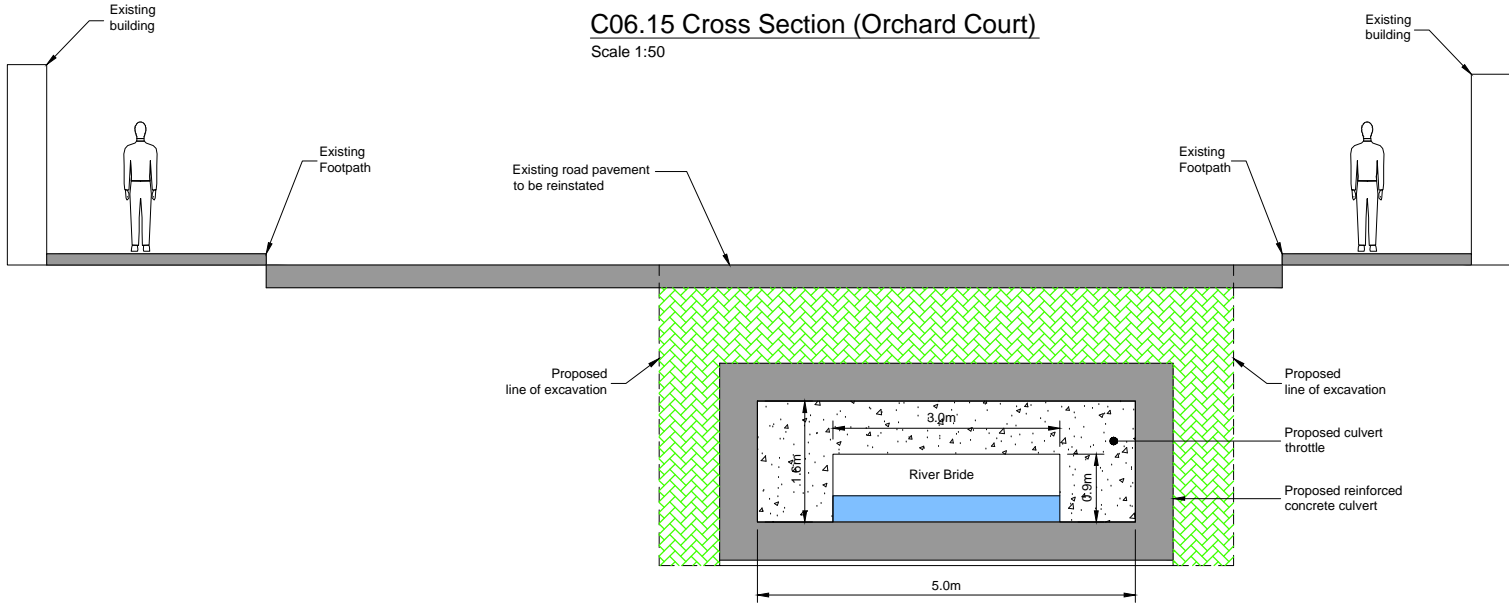
C06.14 Cross Section (Orchard Court)  
Scale 1:50



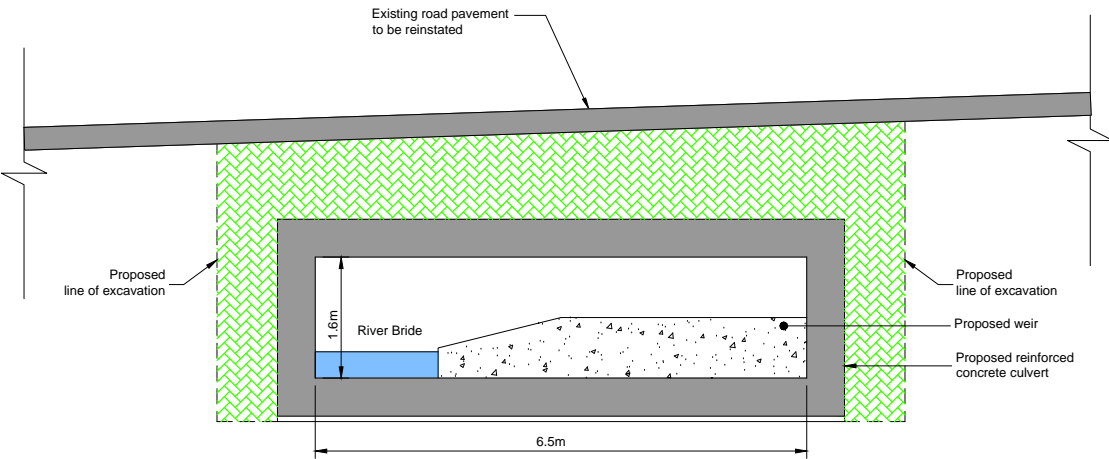
C06.15 Cross Section (Orchard Court)  
Scale 1:50



C06.16 Cross Section ( Millview Cottages - Existing bridge omitted for clarity)  
Scale 1:50



C06.17 Cross Section (Madden's Buildings)  
Scale 1:50



C06.18 Cross Section (Madden's Buildings)  
Scale 1:50

- Notes:
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  2. Proposed works geometry and extents are subject to detailed design.
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