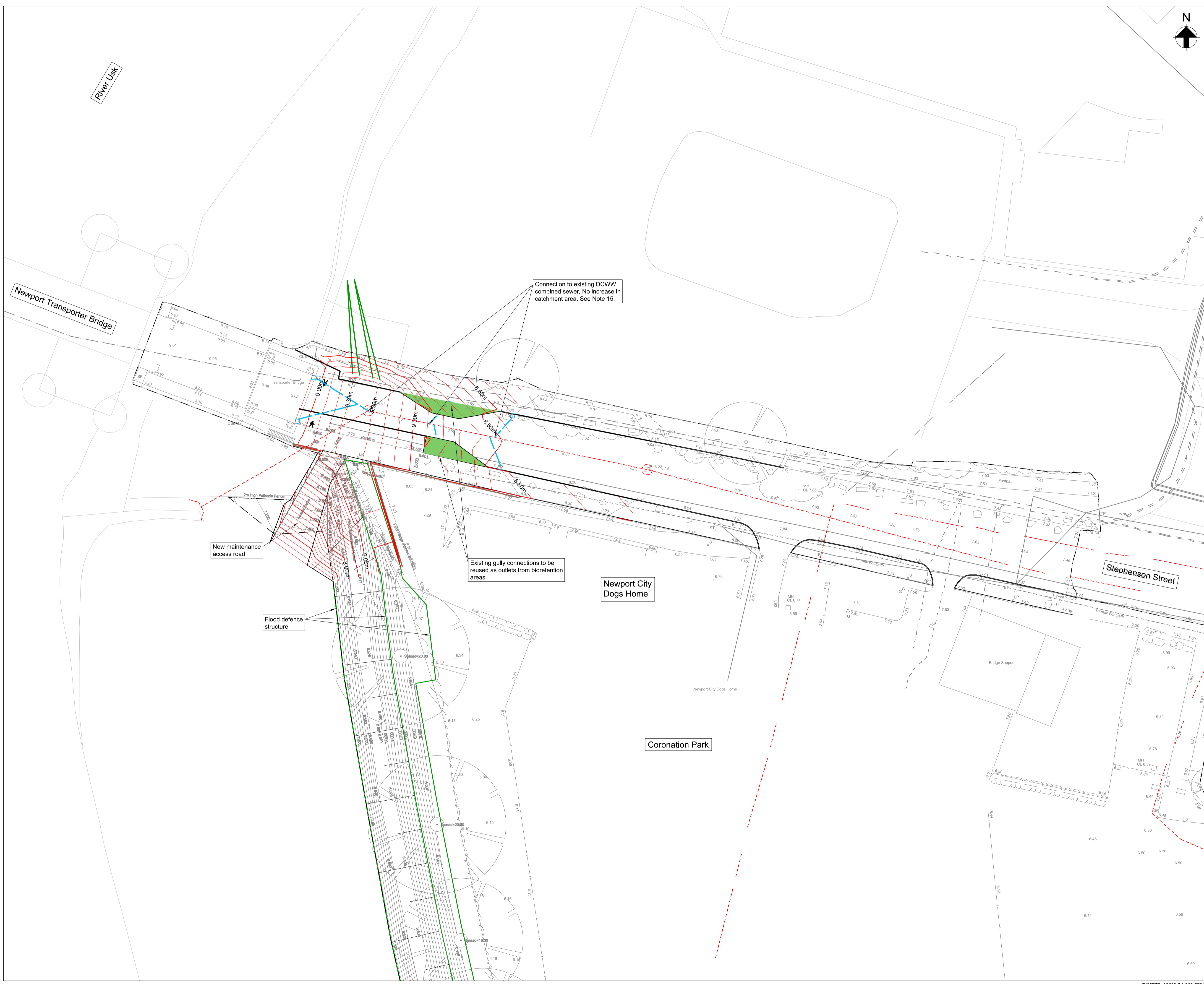


- Legend**
- Topographical Survey Boundary
  - Proposed Dwarf Wall
  - Flood Defence Structure
  - 7.00m Proposed Contours
  - Existing Utilities
  - Proposed Storm Drainage
  - Proposed Storm Manhole
  - Proposed Storm Gully
  - Proposed Storm Headwall
  - Existing DCWW Combined Sewer
  - Bioretention areas

- Notes**
1. Do not scale from this drawing
  2. All dimensions are in metres unless noted otherwise.
  3. The details shown on this drawing are based on a RIBA Stage 4 design for approval produced for a detailed planning application. The highway design shown is for adoption by Newport City Council and subject to design approval. The details will need to be reviewed and revised during subsequent design stages.
  4. The topographical survey details shown within the topographical survey boundary has been provided by Natural Resources Wales (NRW) on 05/08/2020 from a survey completed by John Vincent Surveys LTD in July 2020. The survey information outside the boundary is a combination of surveys received from NRW as part of the original tender. No responsibility can be given for the accuracy of these surveys.
  5. Refer to all other Engineering and Architects Drawings and notify the Civil Engineer of any discrepancies.
  6. This drawing is to be read with all other Engineers drawings and specifications.
  7. All manholes to be SFA Type 2, 1200mm diameter unless otherwise stated. Nominal 1.2m depth to pipe soffit unless stated otherwise.
  8. All grating and covers to be D400 unless otherwise stated.
  9. Concrete surround to be provided to all pipes where depth to soffit is less than 1.2m in trafficked areas.
  10. All storm pipes to be 150mm diameter respectively or unless otherwise stated.
  11. Proposals shown subject to SAB Approval therefore subject to change.
  12. All manhole pipe connections to be soffit to soffit.
  13. Refer to drawings 274580-ARP-XX-DR-CX-1153 to 1154 for details.
  14. Details shown for the proposed highway and accompanying drainage infrastructure. No allowance shown for the proposed flood defence works.
  15. Existing highway drainage assumed to connect into existing DCWW combined sewer. Proposed connections to DCWW combined sewer. Proposed connections to DCWW combined sewer to mimic existing scenario, to be agreed with DCWW. If not a new connection into the River Usk will be required at the same location as the combined sewer outfall.



P03	REVISED FOR PLANNING RESUBMISSION	CB	CL	DL	25 / 06 / 21
P02	ISSUED FOR TENDER	CB	CL	DL	11 / 05 / 21
P01	ISSUED FOR PLANNING	CB	SW	SW	24 / 02 / 21
Rev.	Description	Drawn	Chkd.	Appd.	Issue Date

**Cyfoeth  
Naturiol  
Cymru  
Natural  
Resources  
Wales**

**ARUP**

Project Name:  
**STEPHENSON STREET FLOOD DEFENCE SCHEME**

Drawing Title:  
**STEPHENSON STREET  
PROPOSED HIGHWAY DRAINAGE**

Subsidiary: <b>D2 - FOR TENDER</b>	Subsidiary Code: <b>D2</b>
Internal Project Number: <b>274580</b>	Scale: <b>1:250</b>
Drawing Number: <b>274580-ARP-XX-DR-CX-1230</b>	Rev. <b>P03</b>