Environmental Impact Assessment Report

Appendix A Scheme Figures

Grangemouth Flood Protection Scheme 2024 Falkirk Council



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Environmental Impact Assessment Report

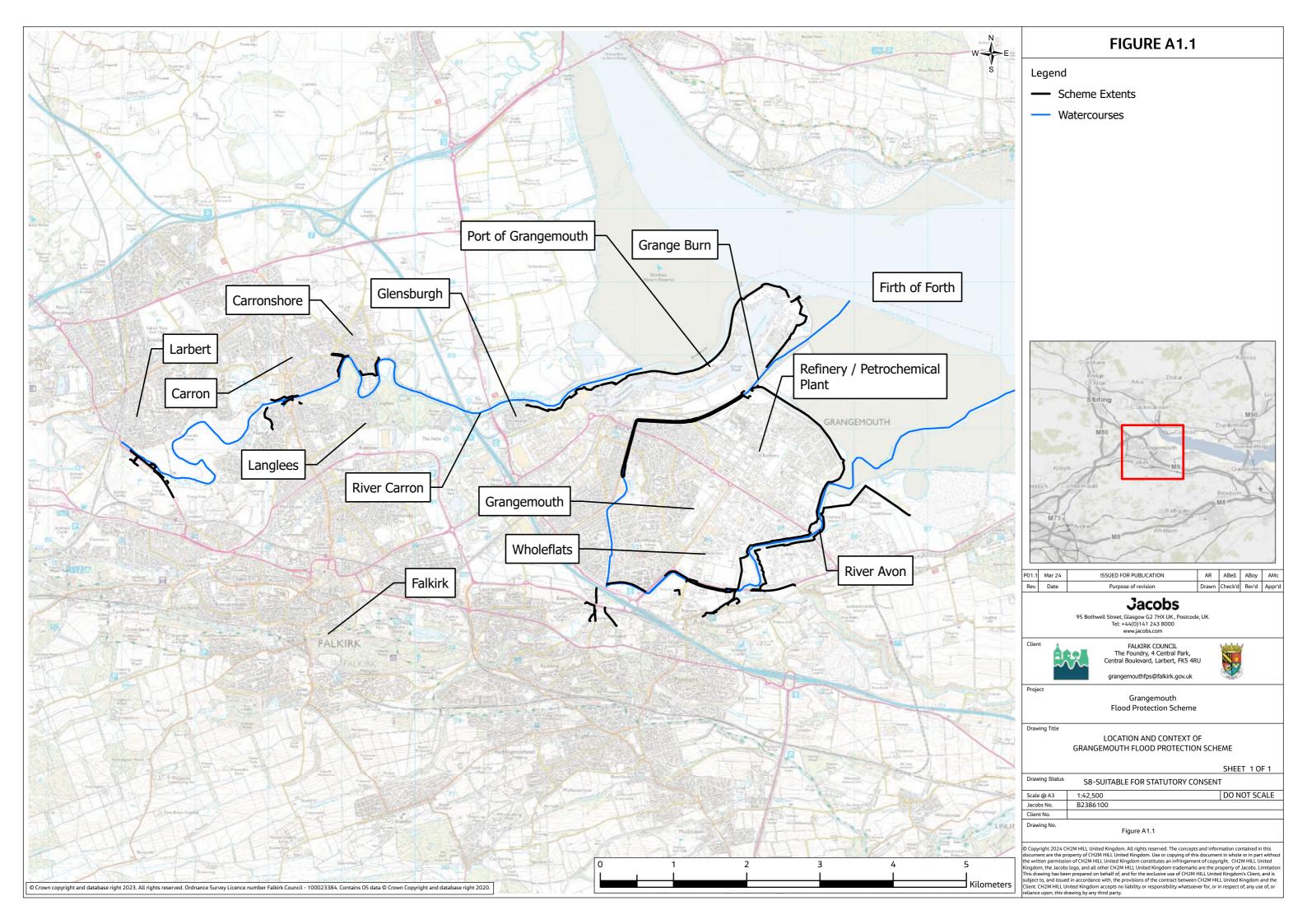
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Grangemouth Flood Protection Scheme 2024 Falkirk Council



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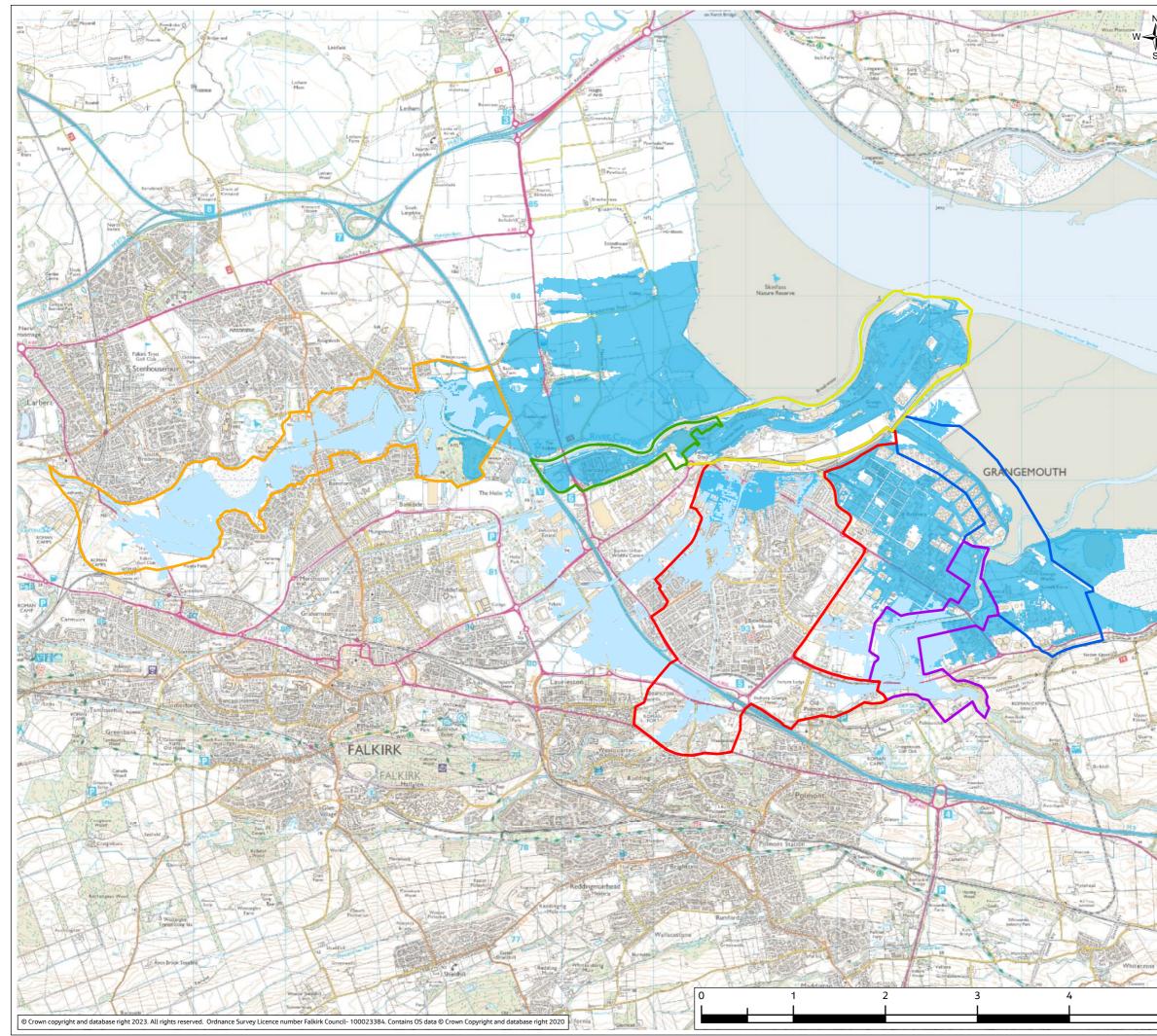
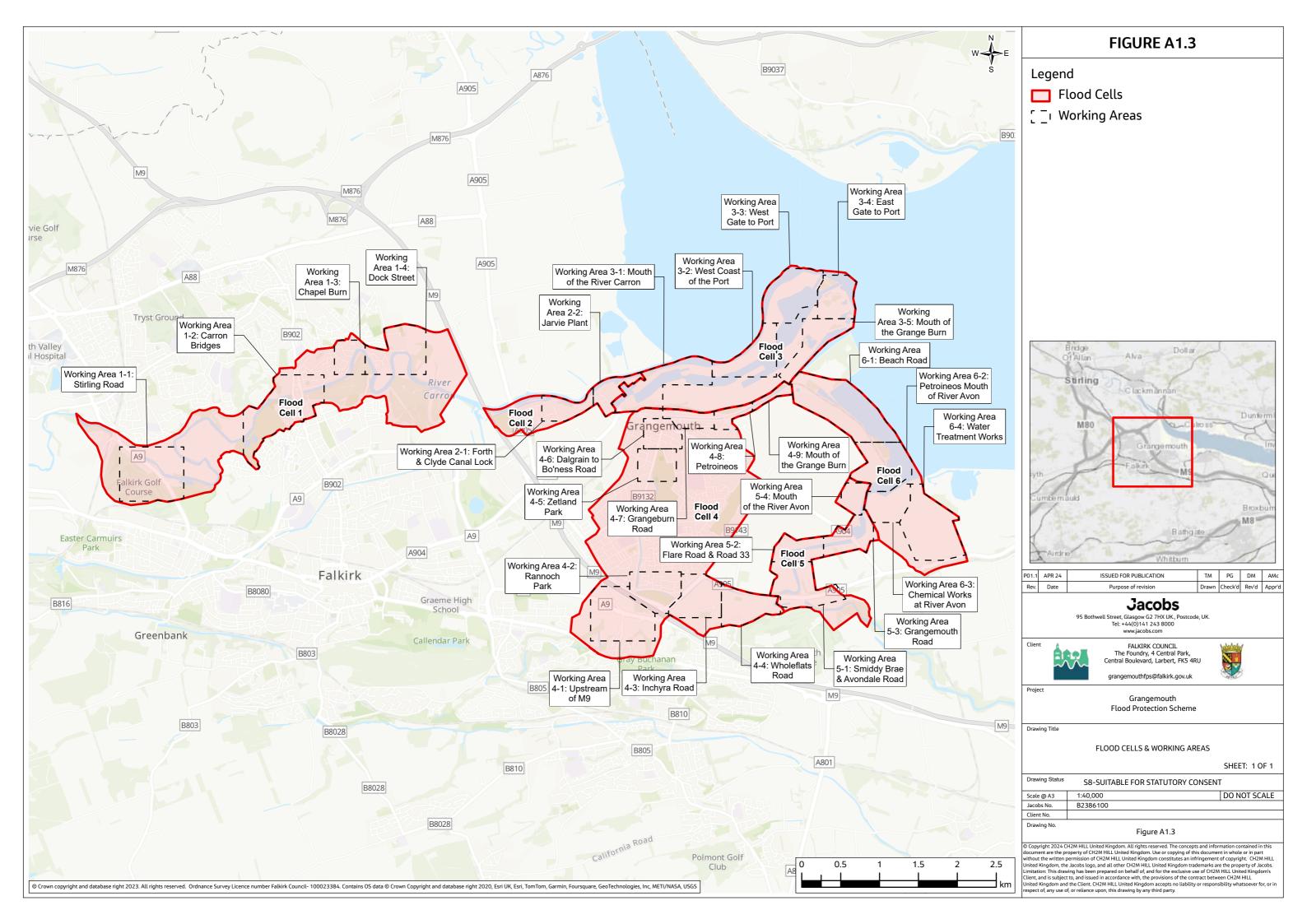
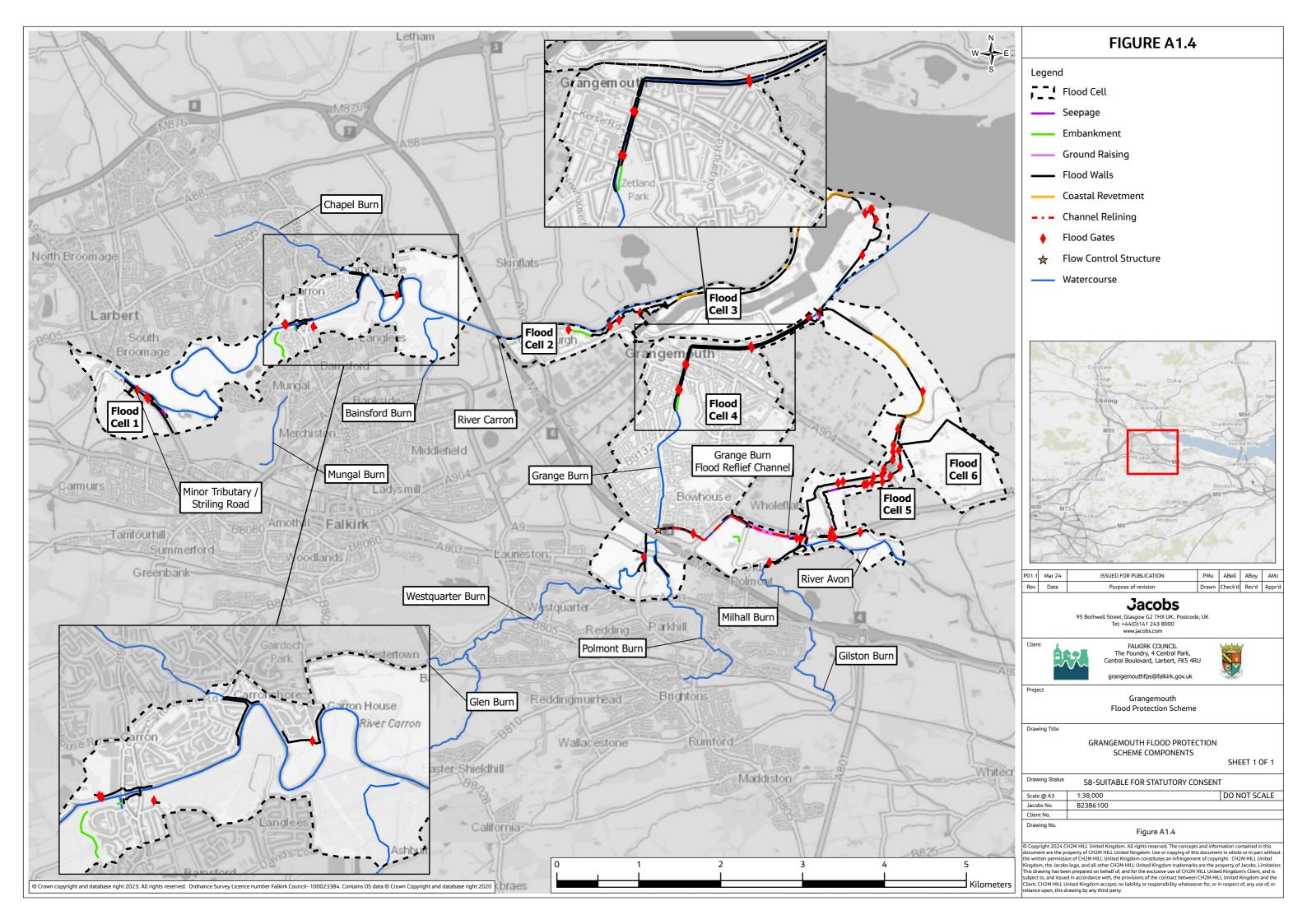


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Scheme Figures (A4.1 - A4.28)

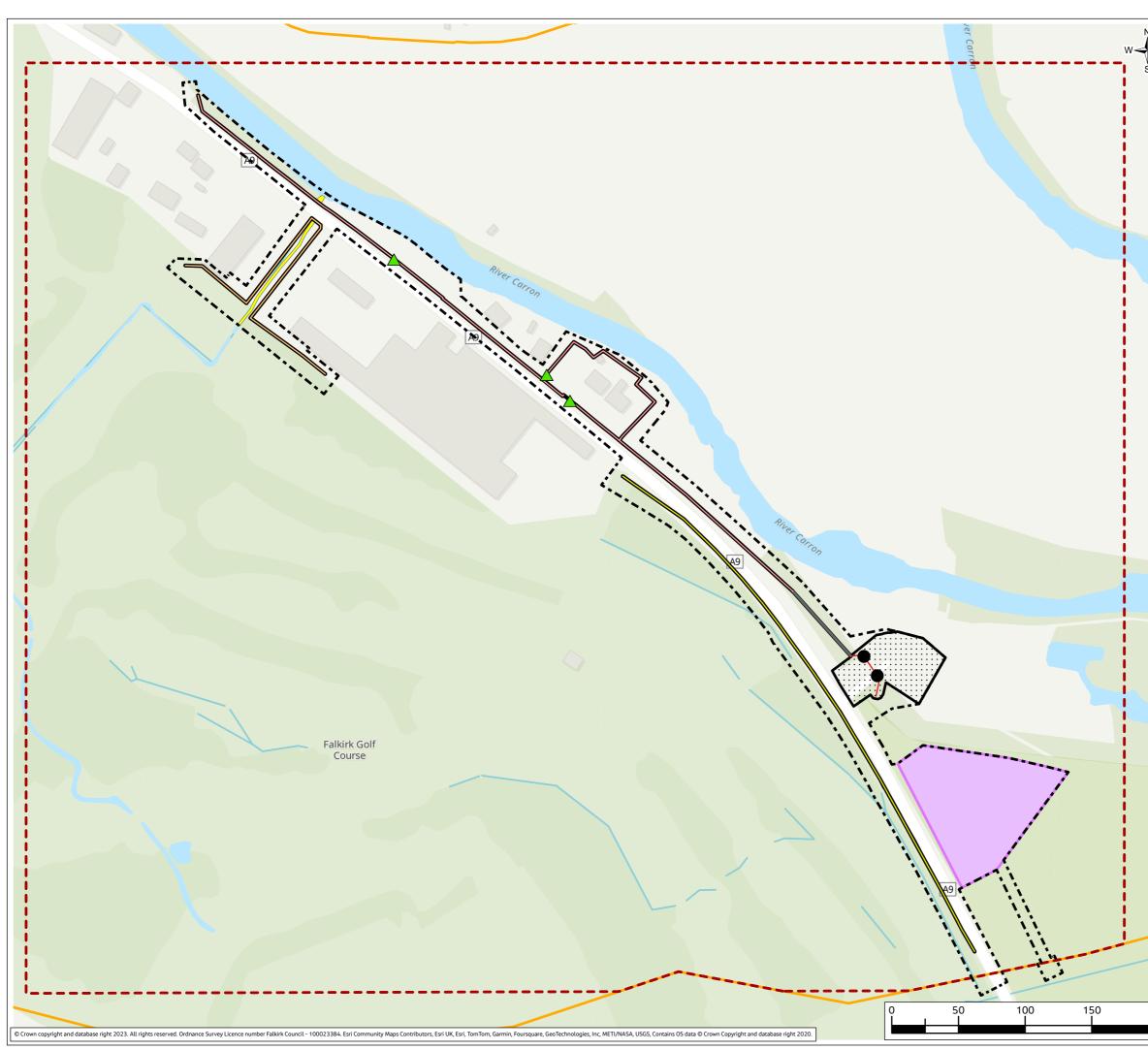
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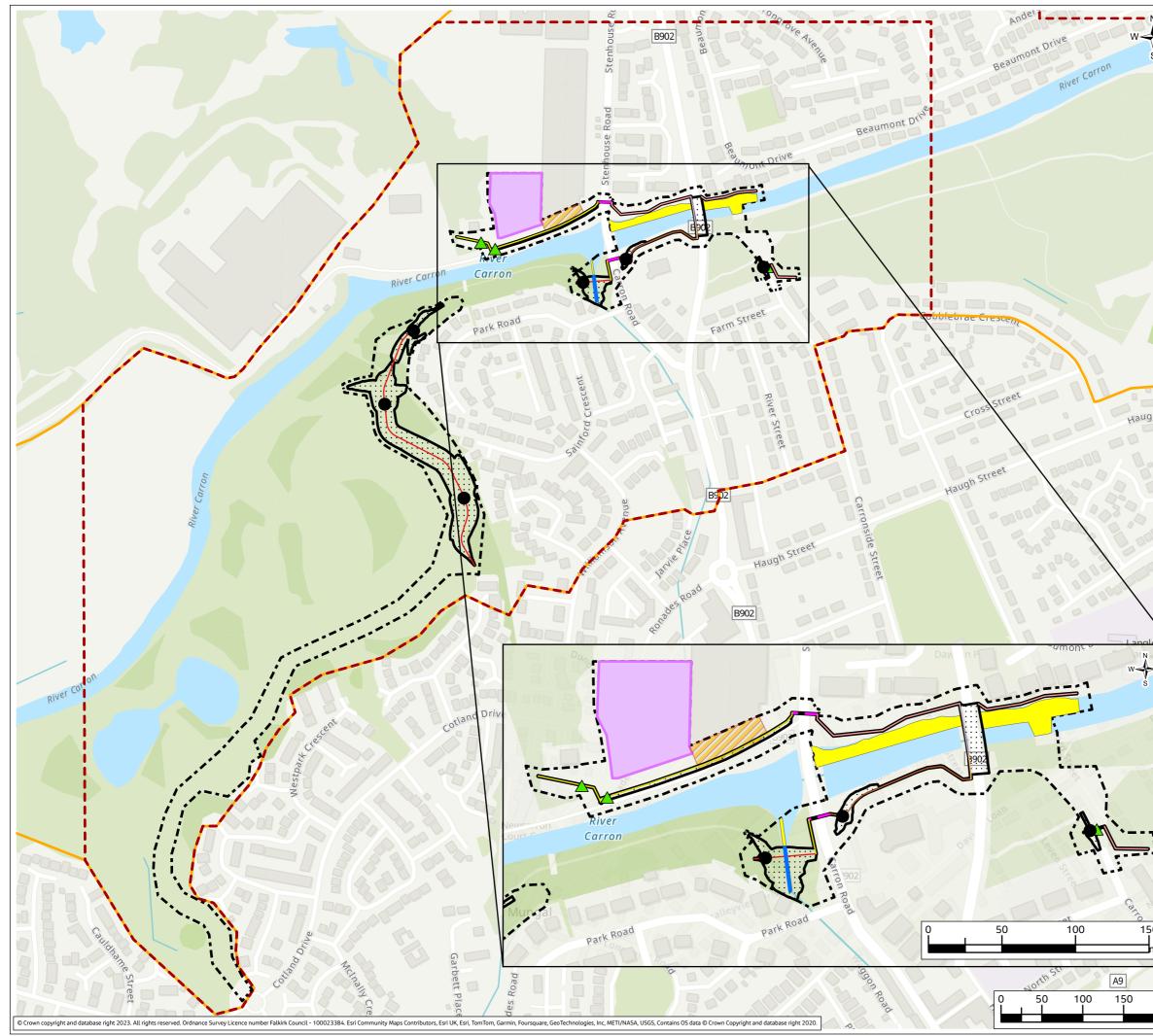
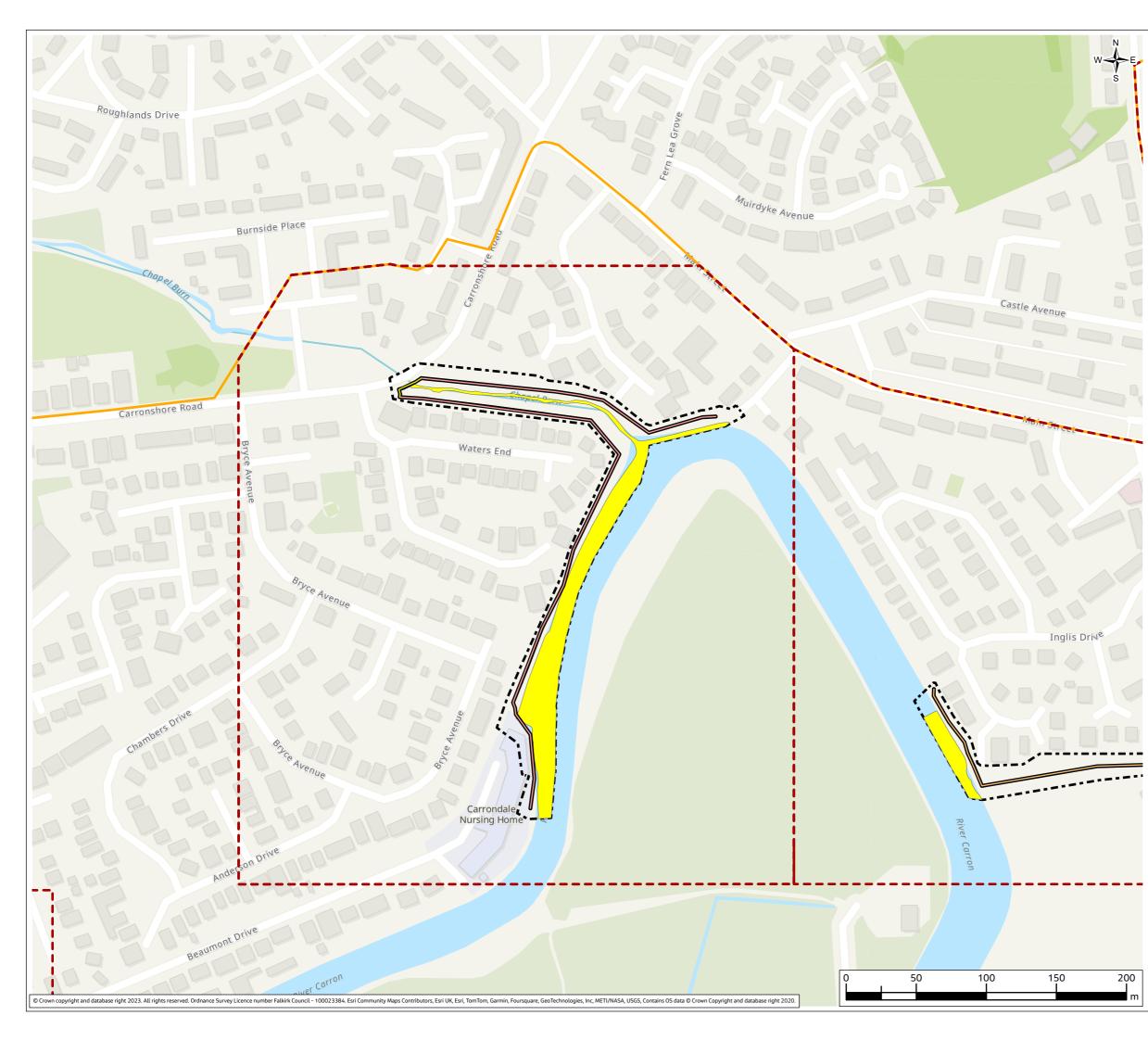
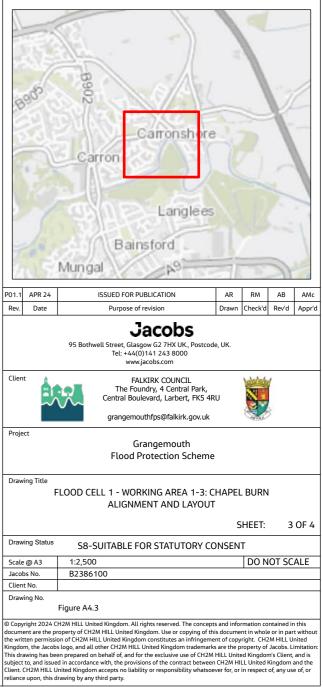
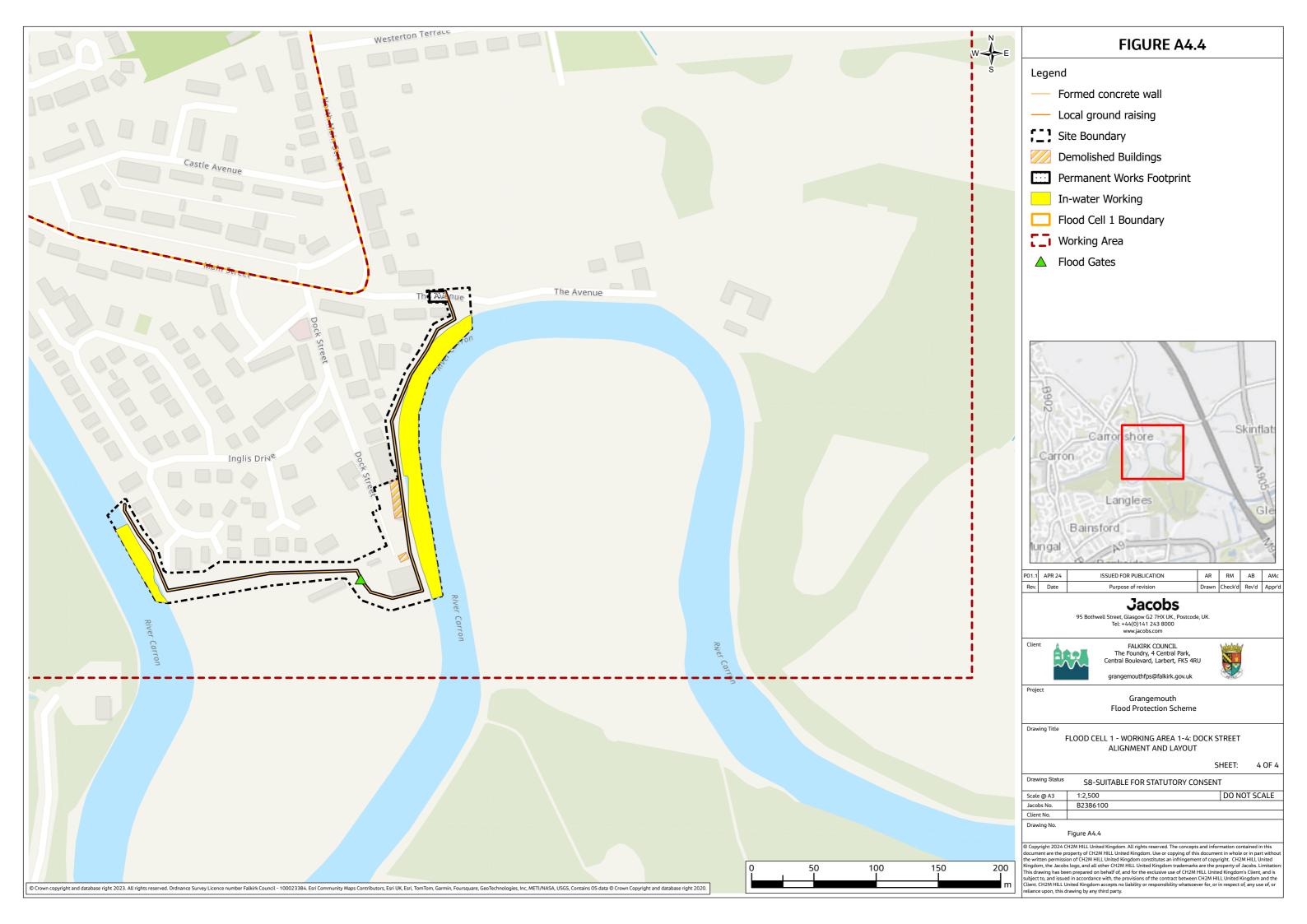


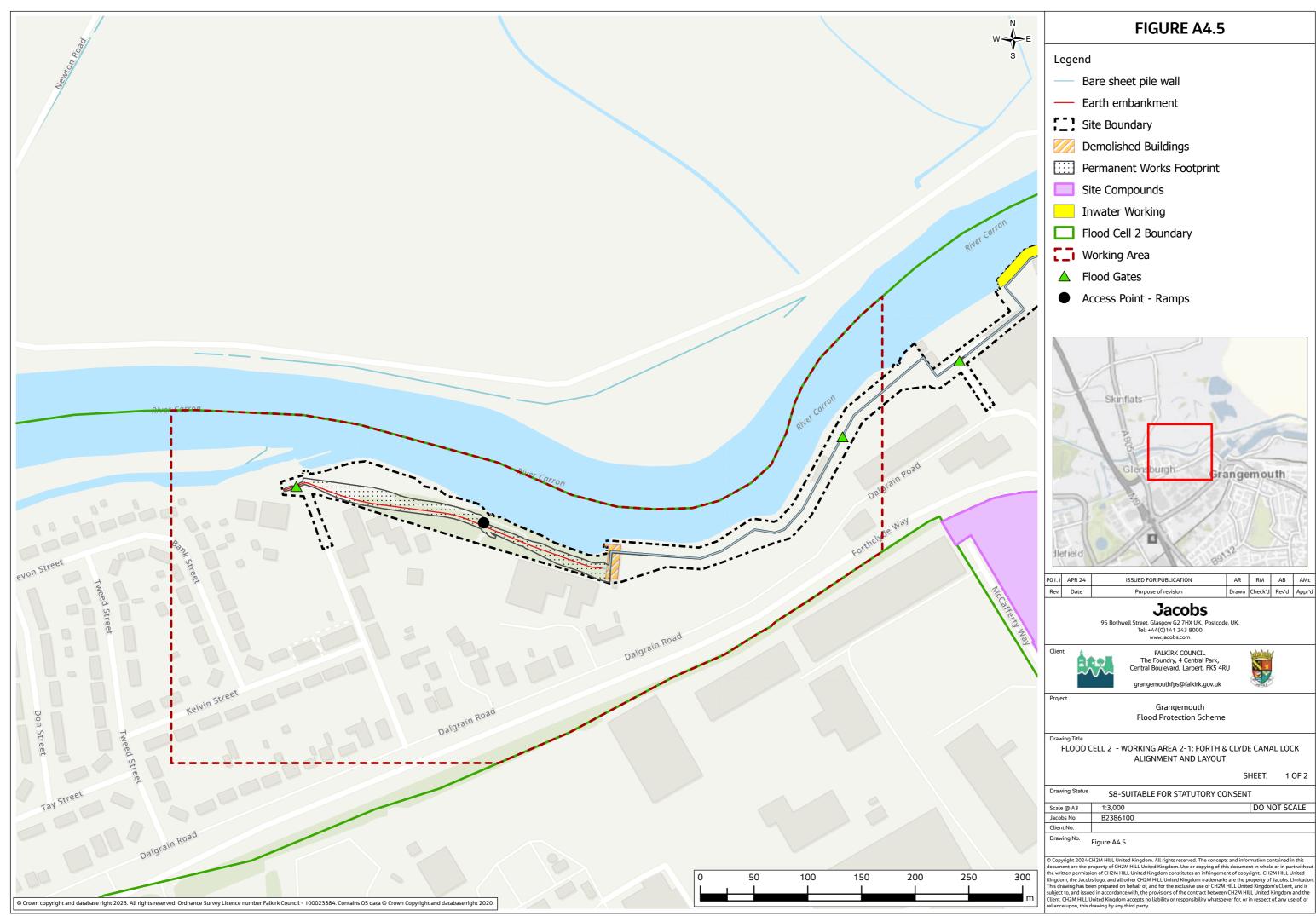
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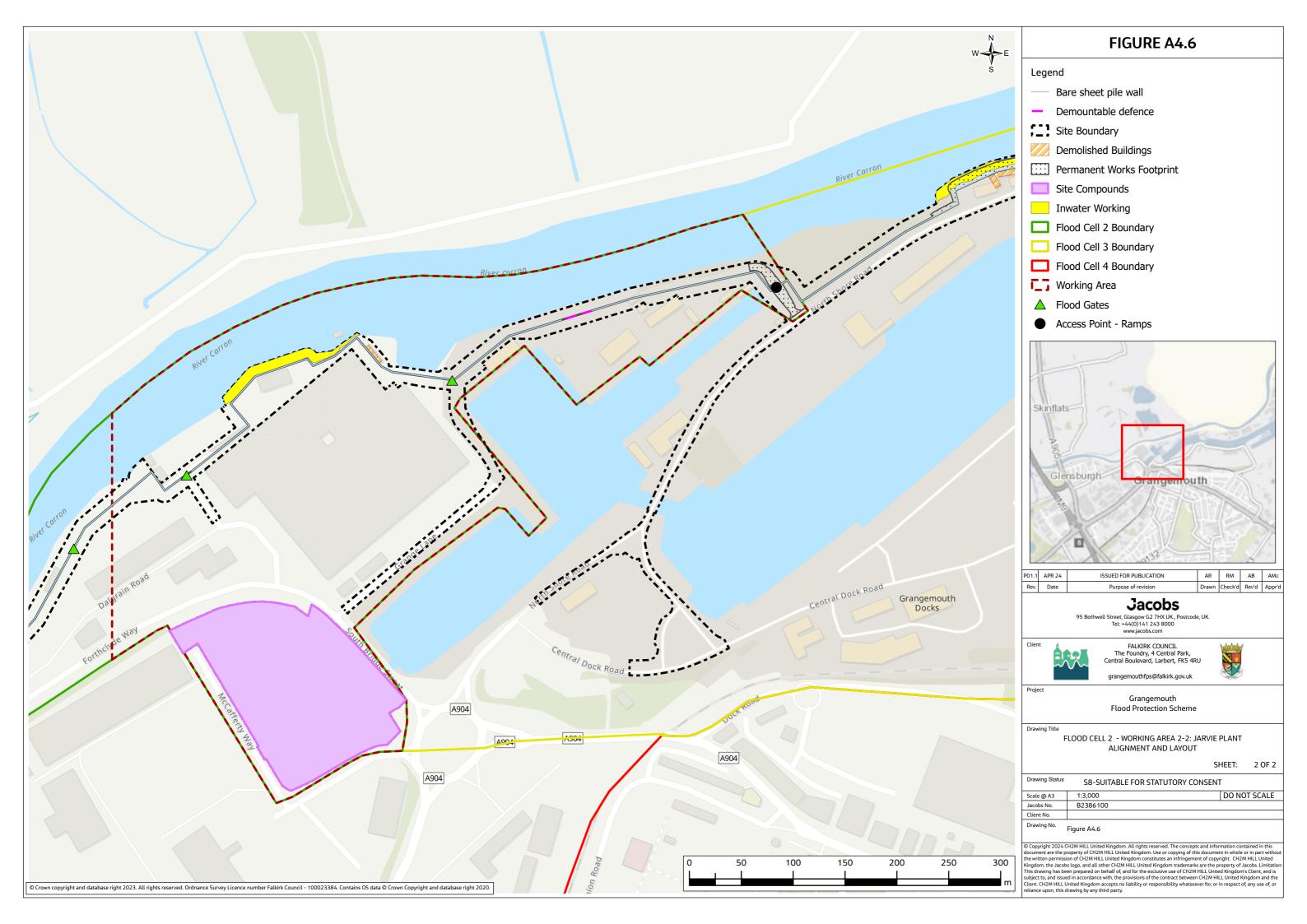


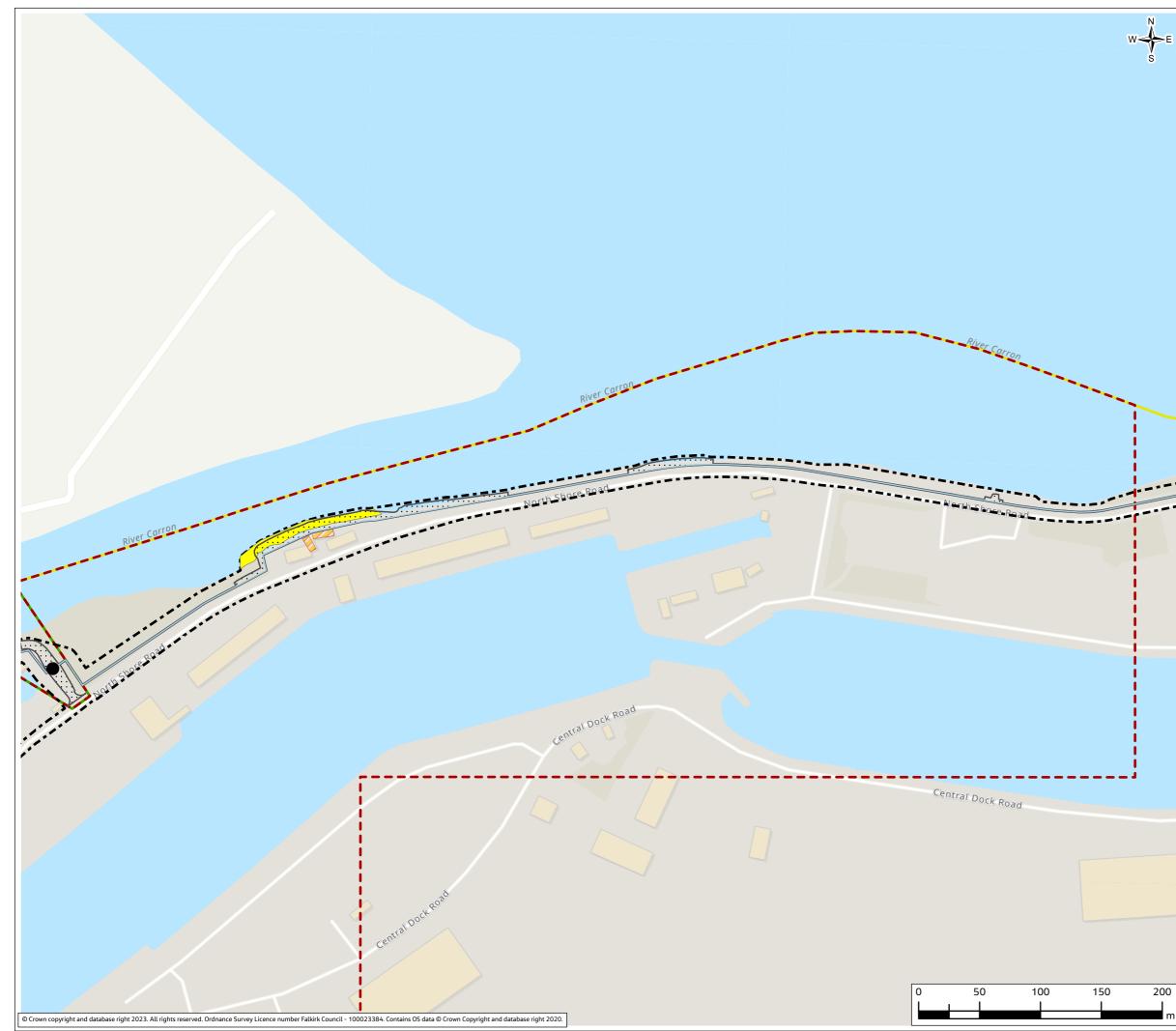
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- Flood Cell 1 Boundary
- Working Area
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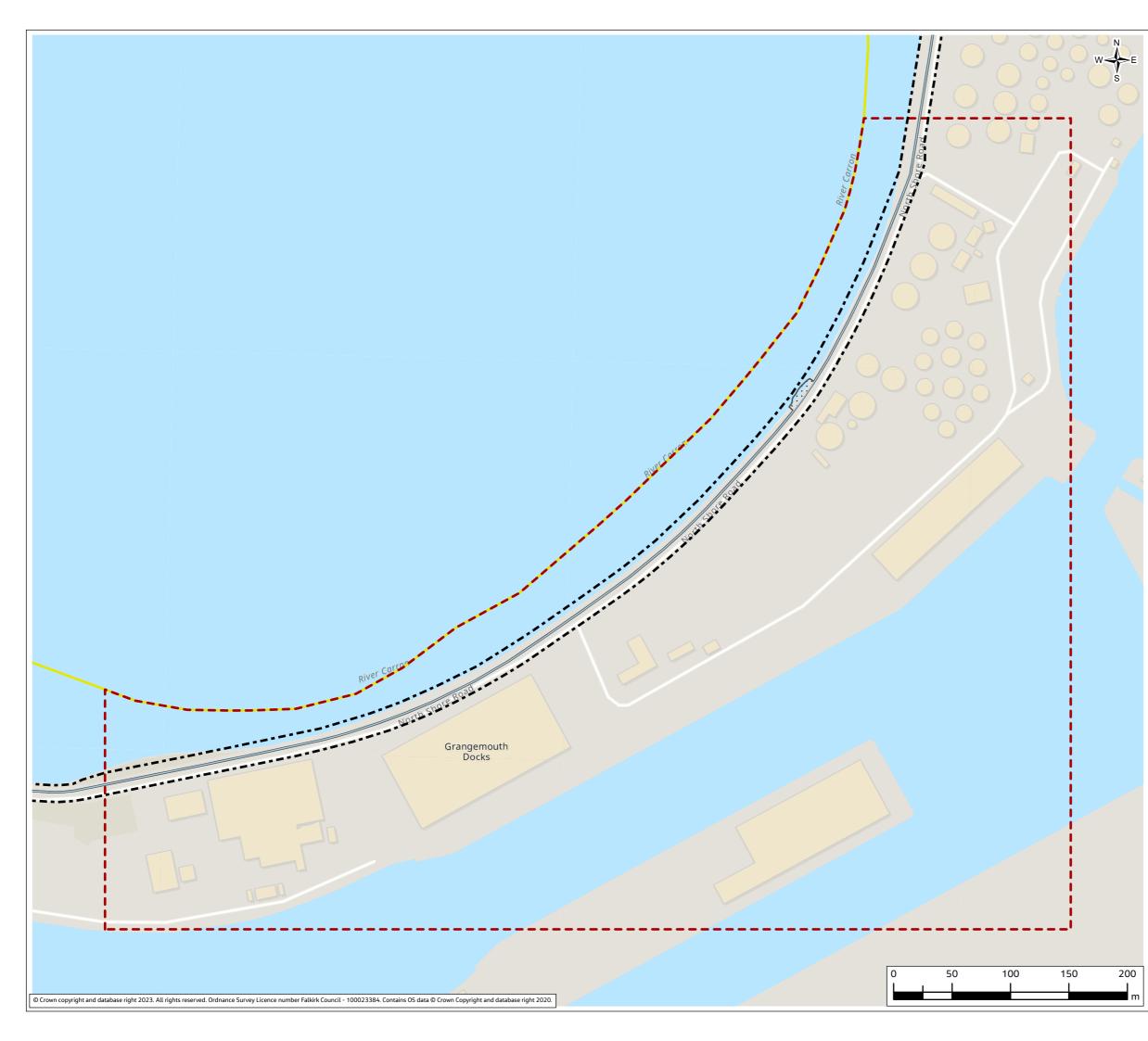
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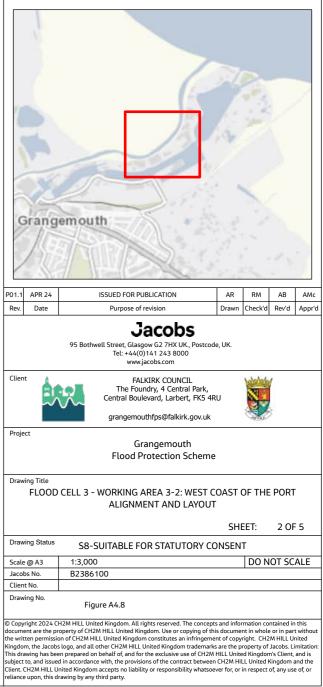
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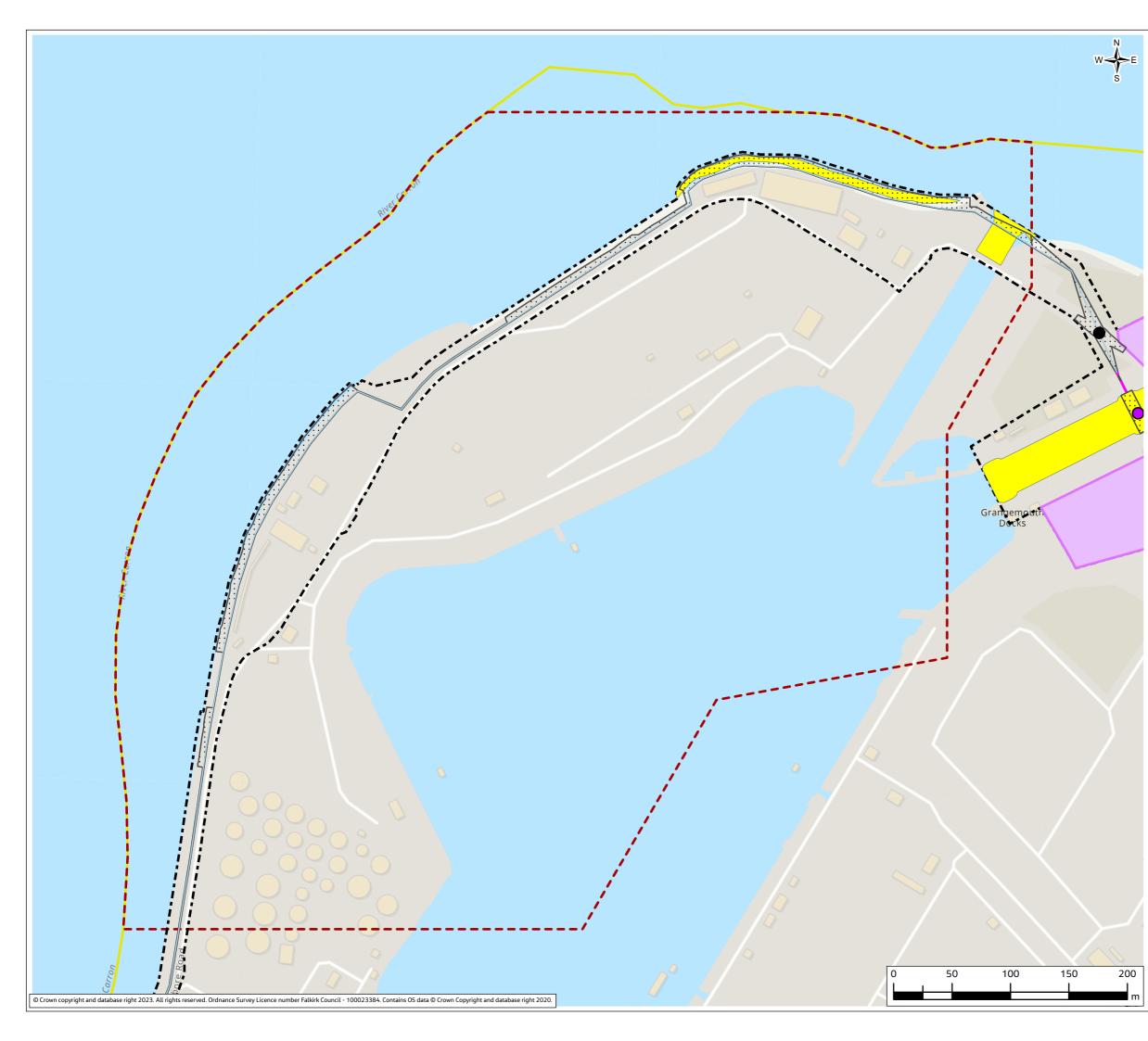
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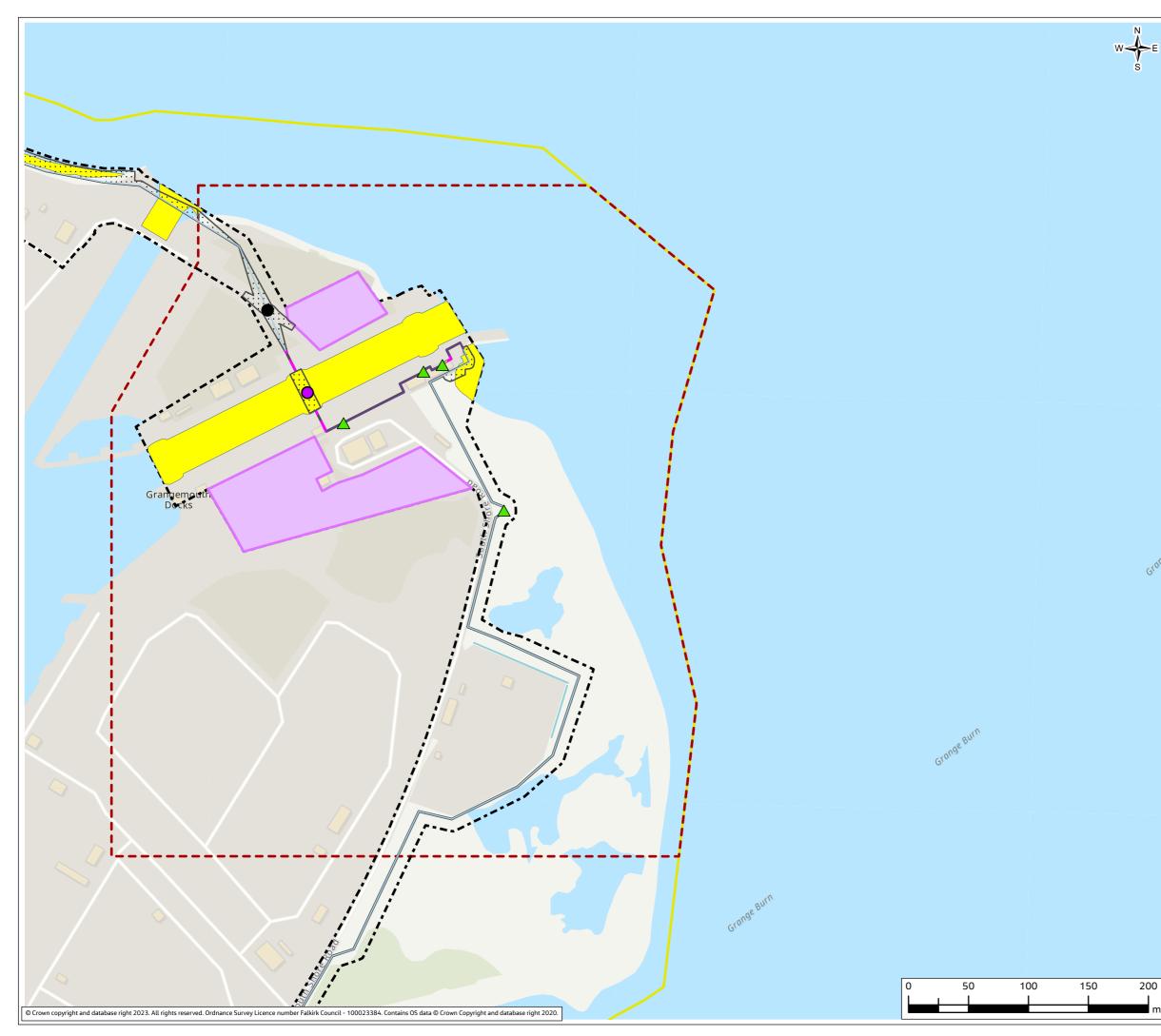
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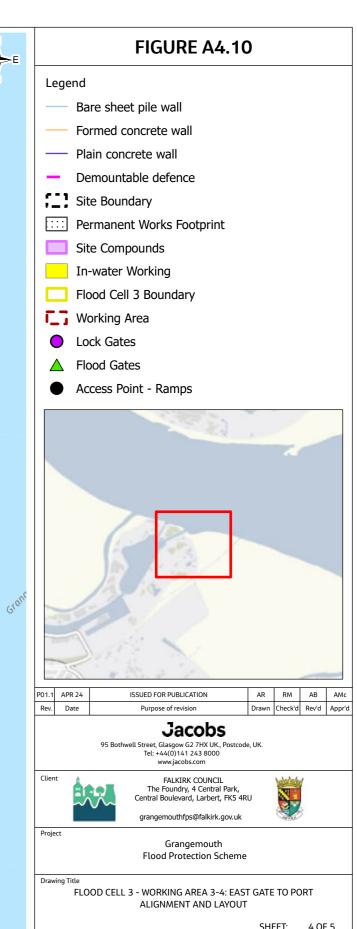




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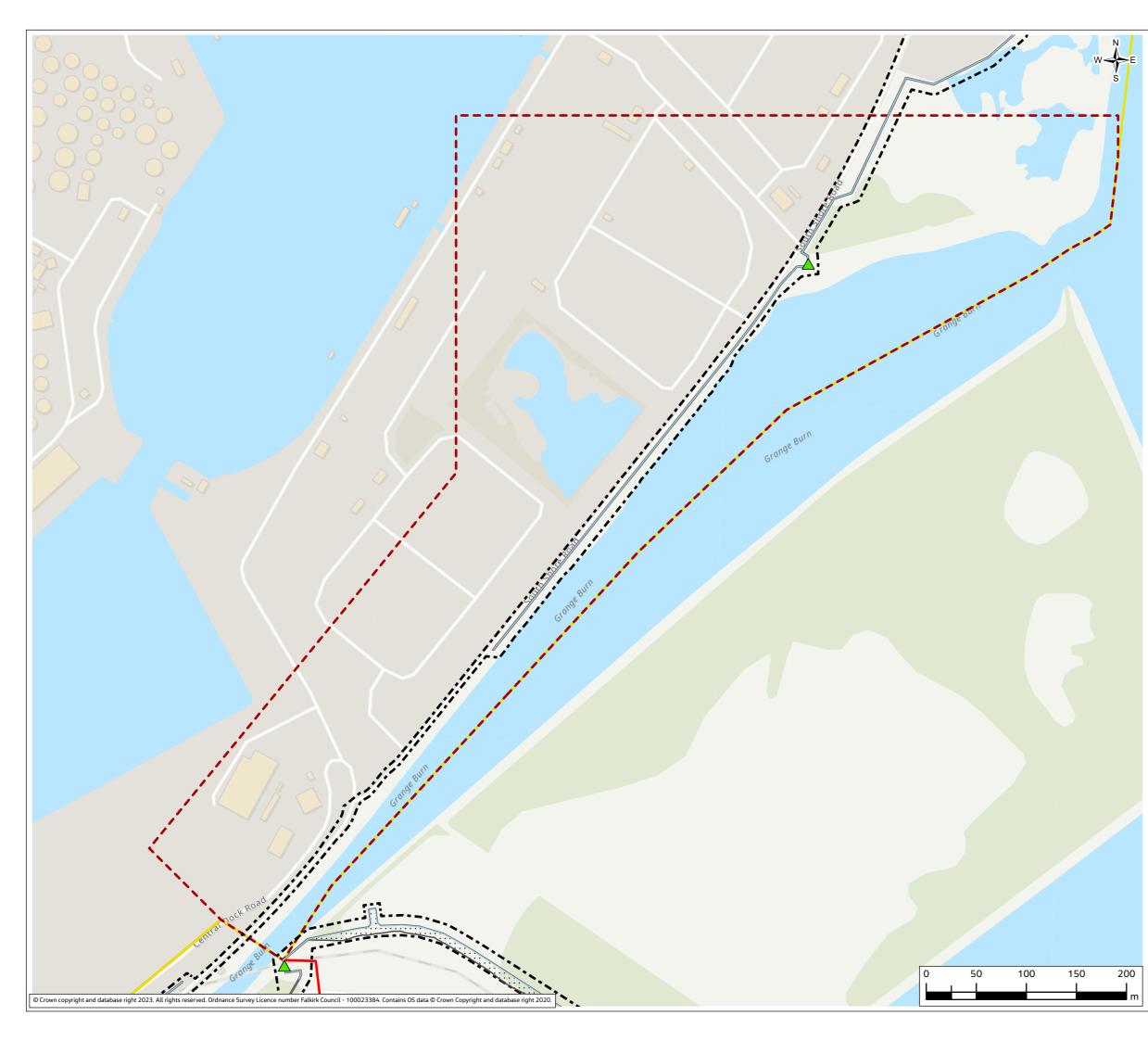
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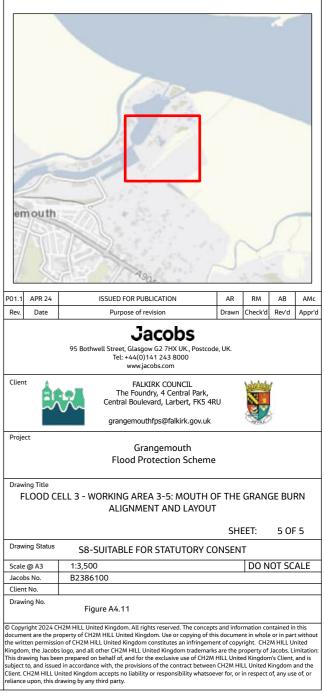


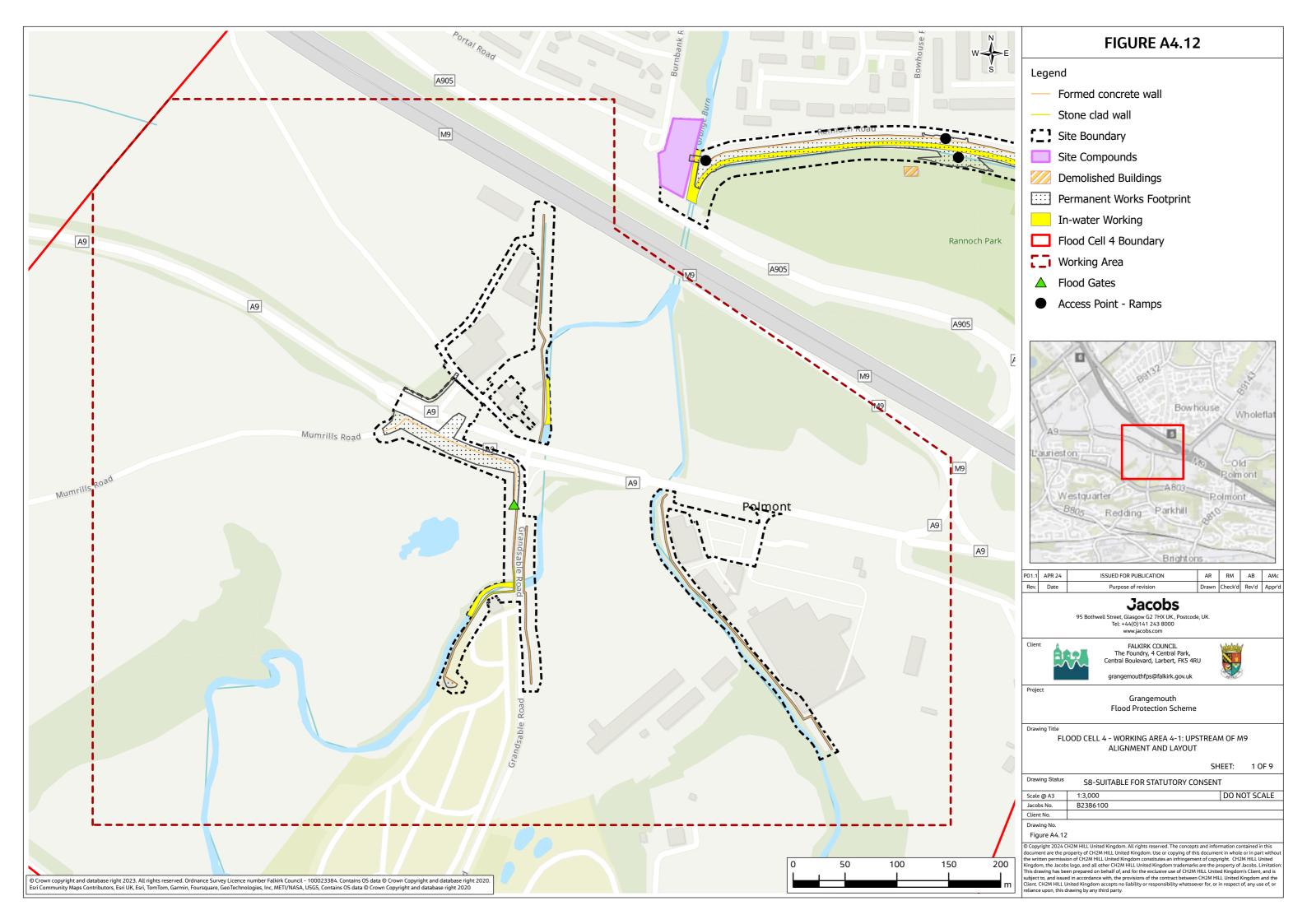
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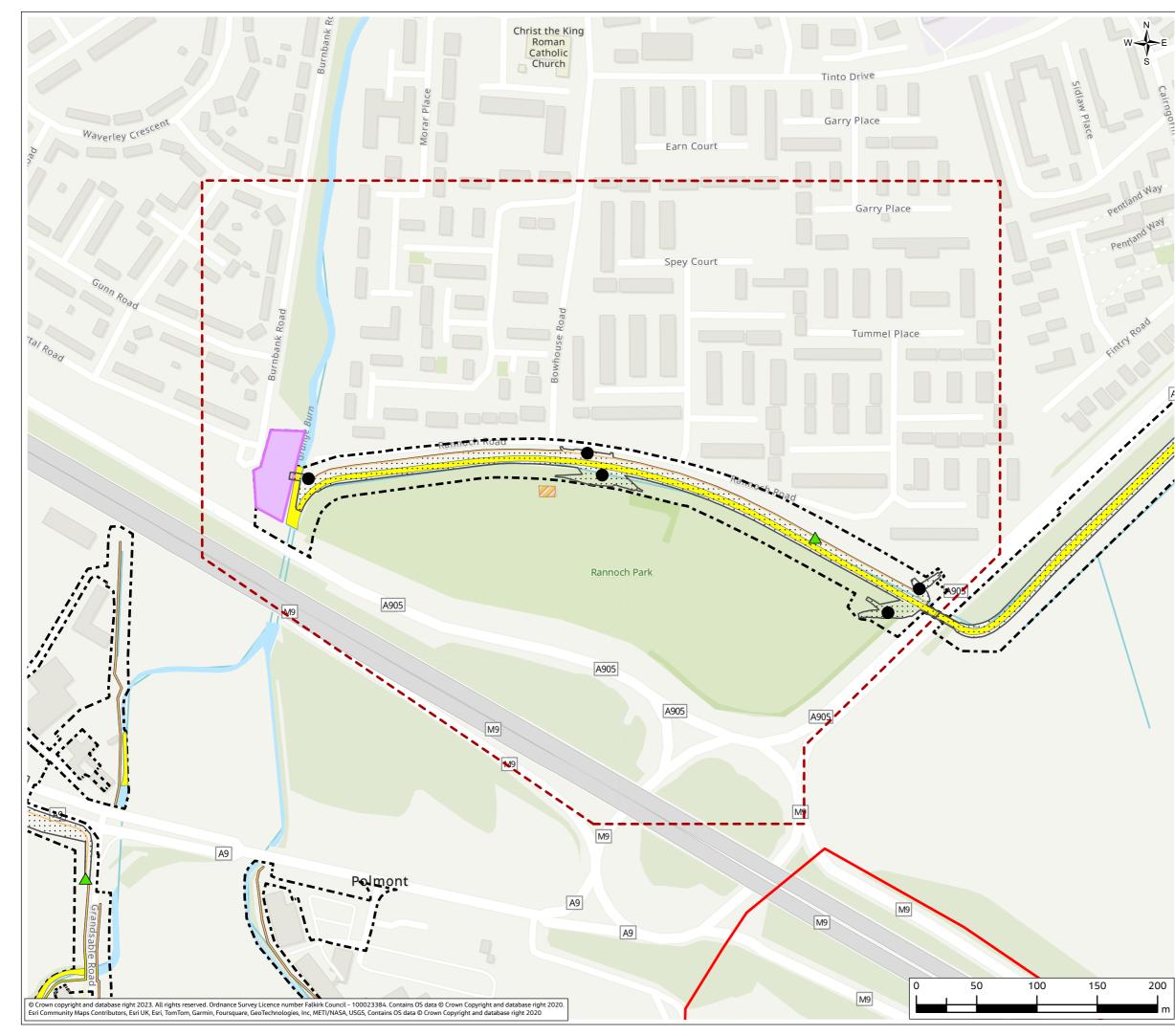


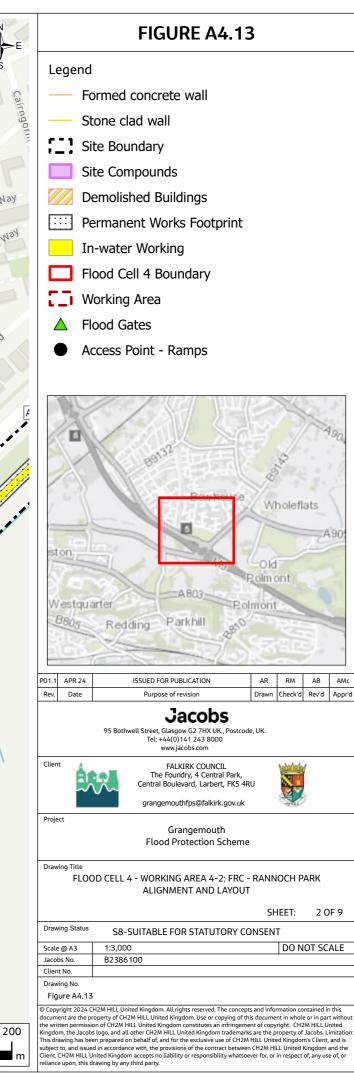


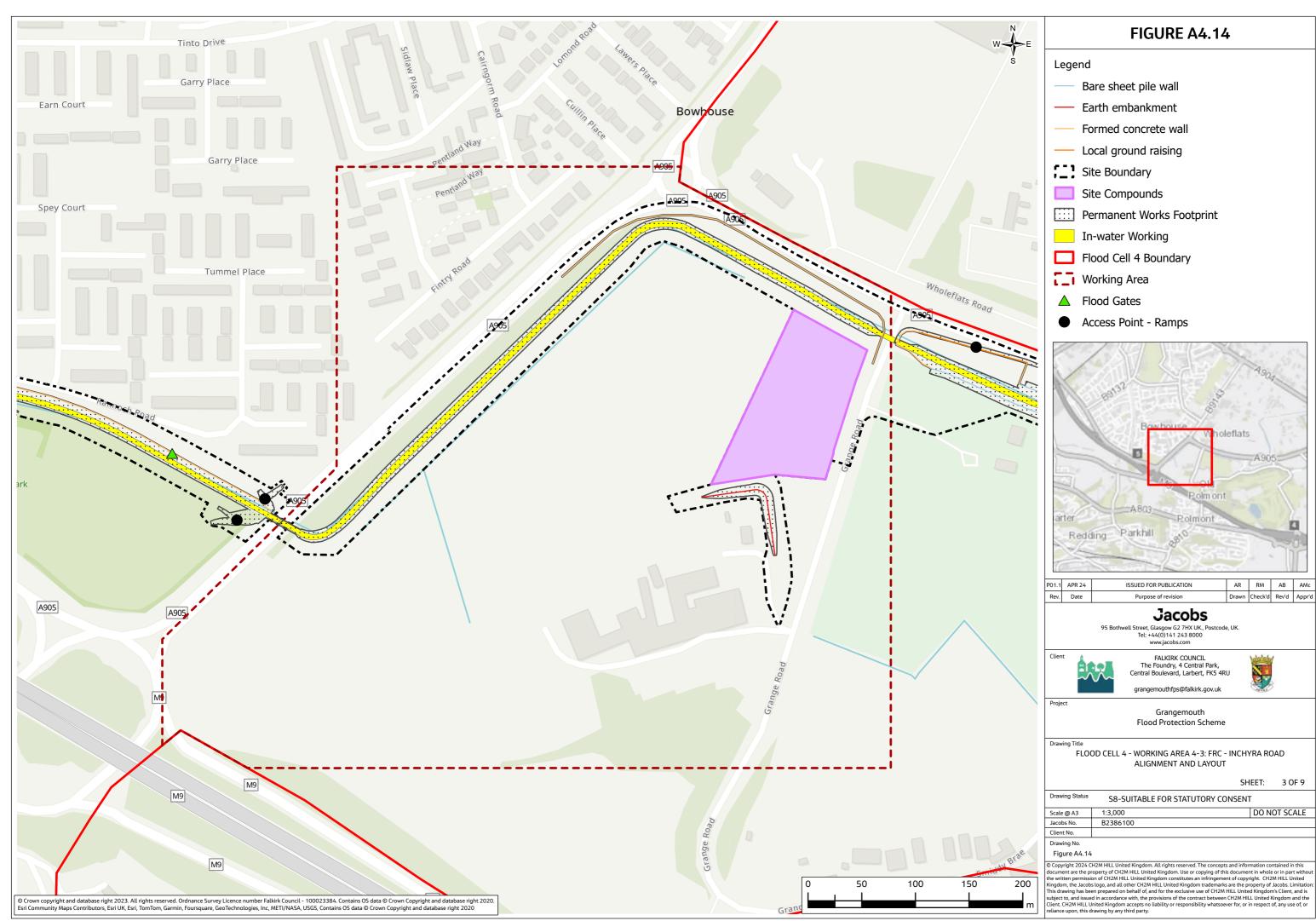
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- Permanent Works Footprint
- Flood Cell 3 Boundary
- Flood Cell 4 Boundary
- Working Area
- ▲ Flood Gates





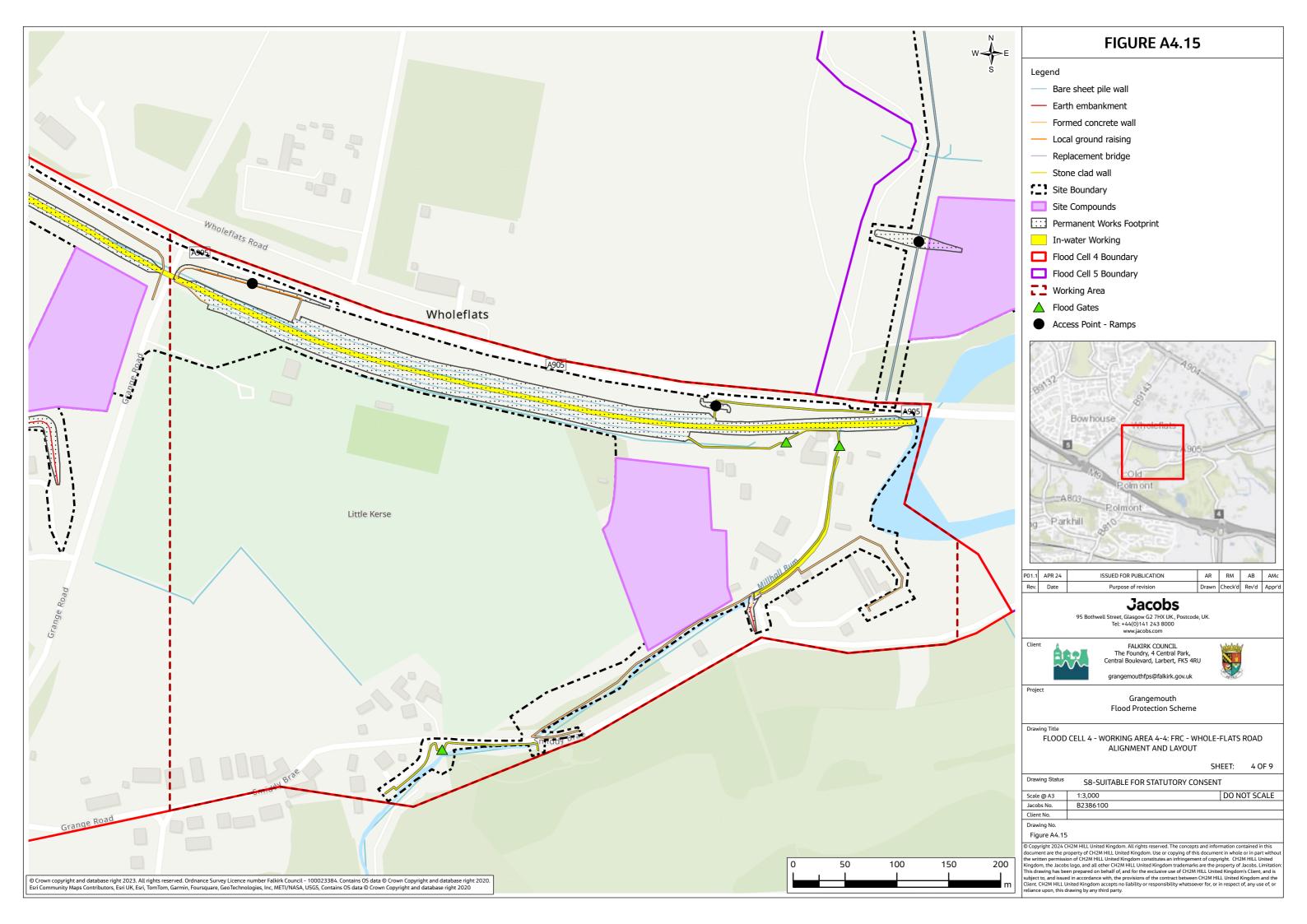


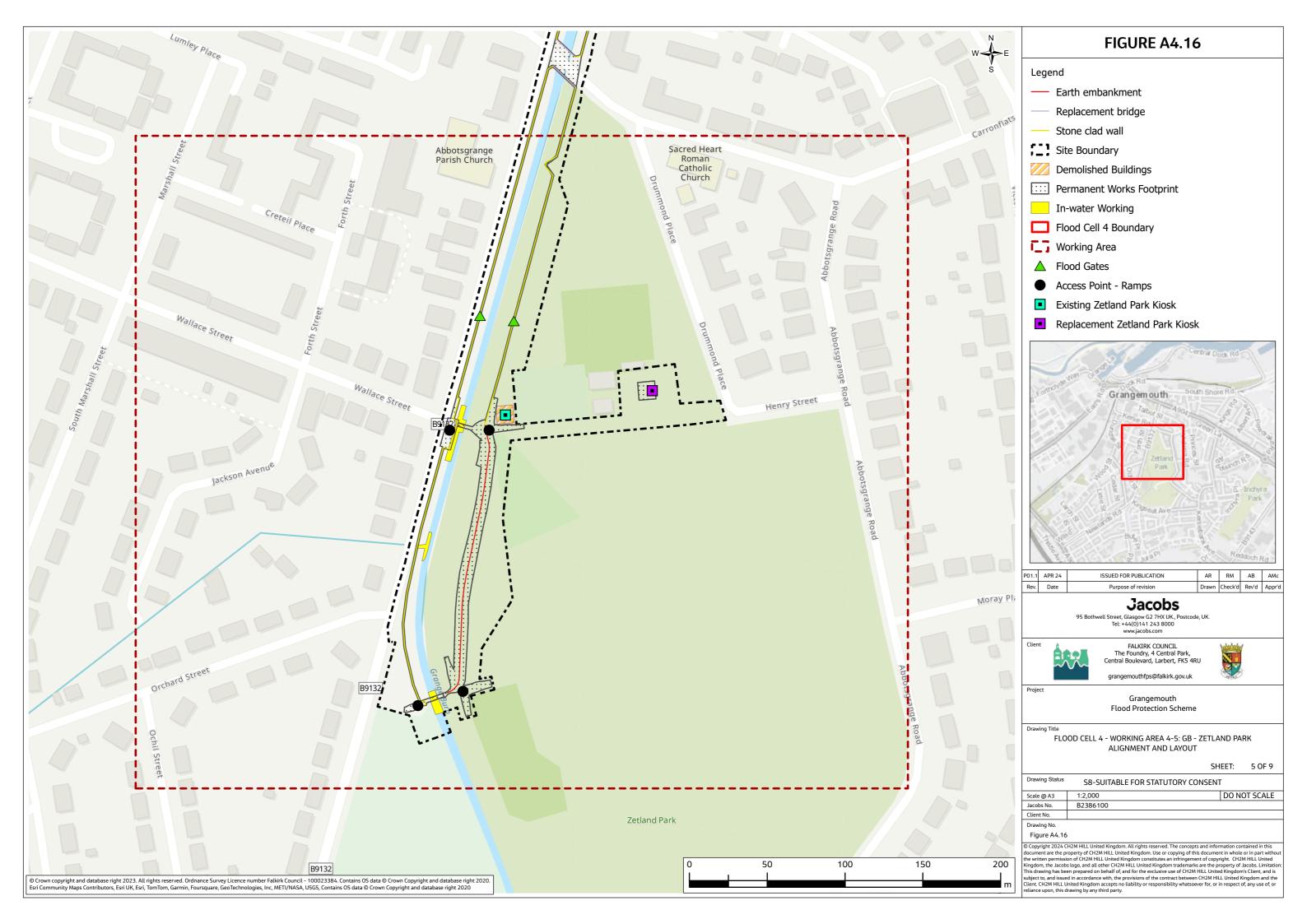


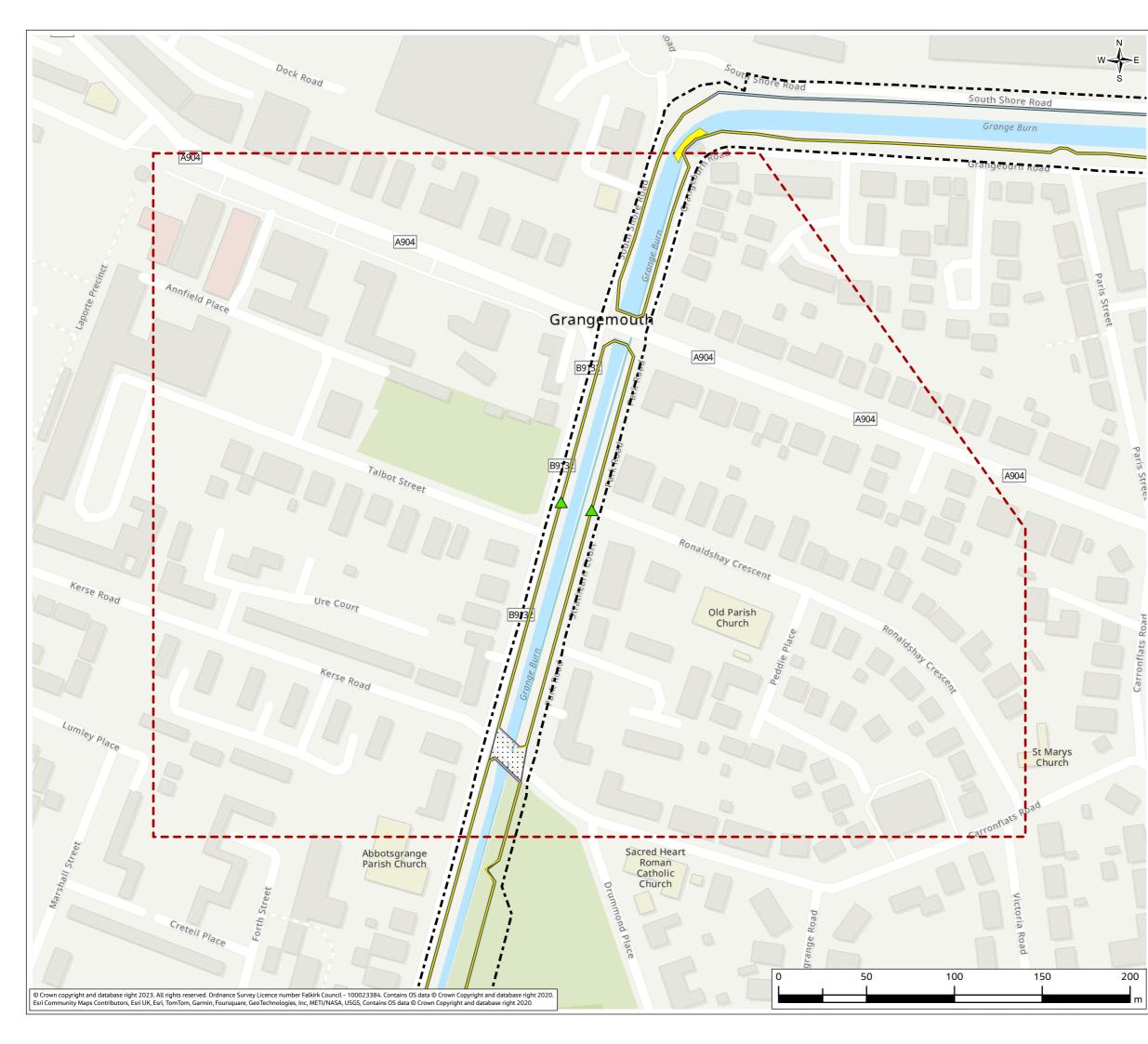


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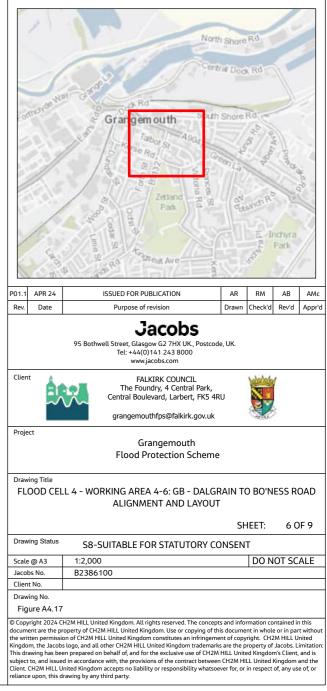
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- Bare sheet pile wall
- Formed concrete wall
- Replacement bridge
- Stone clad wall
- Site Boundary
- Permanent Works Footprint
- In-water Working
- Flood Cell 4 Boundary
- Working Area
- ▲ Flood Gates



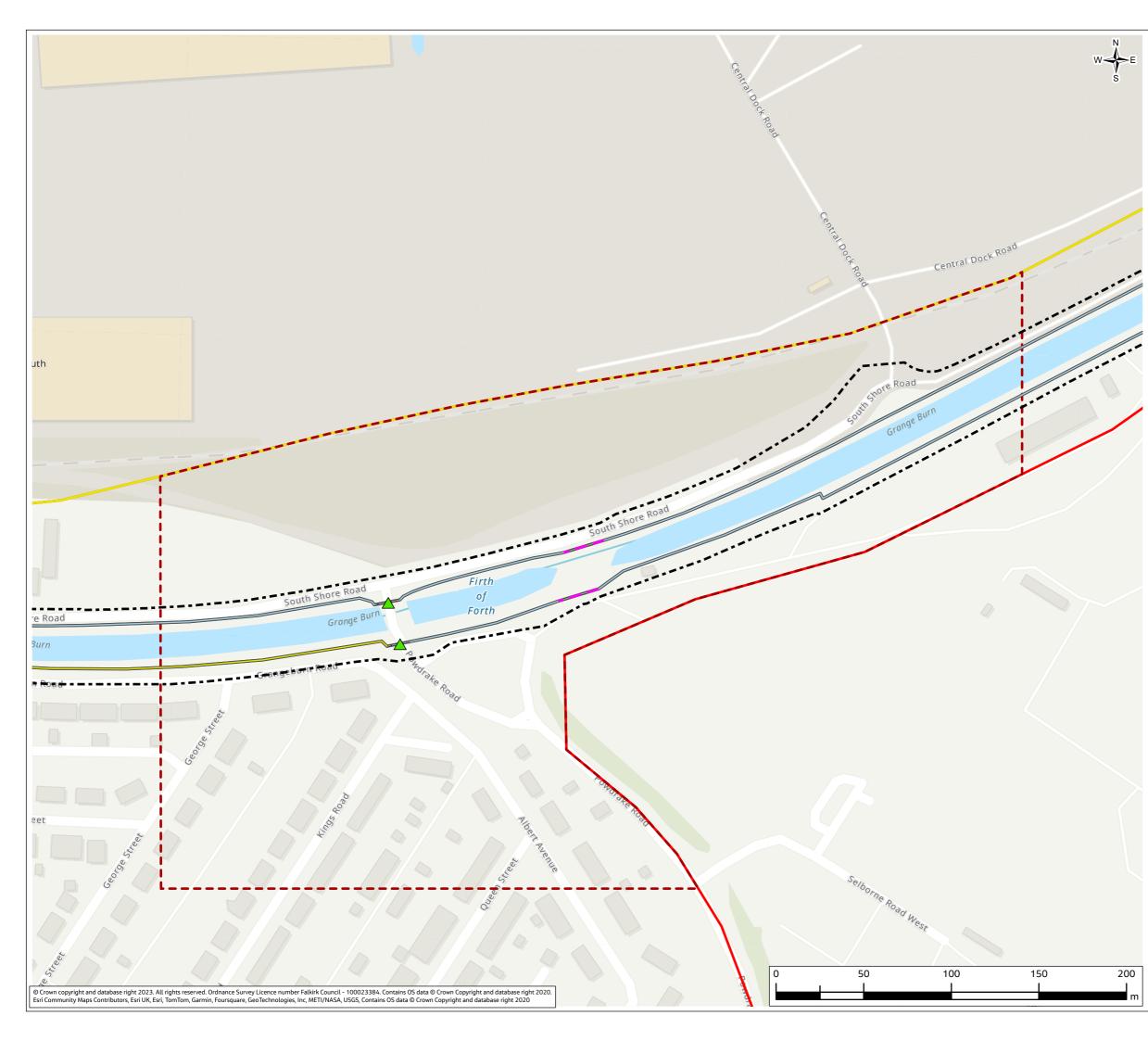


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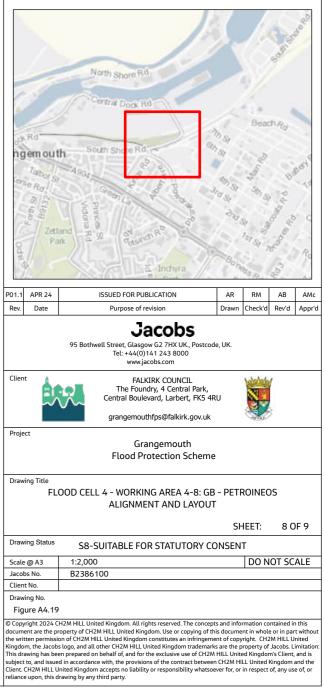
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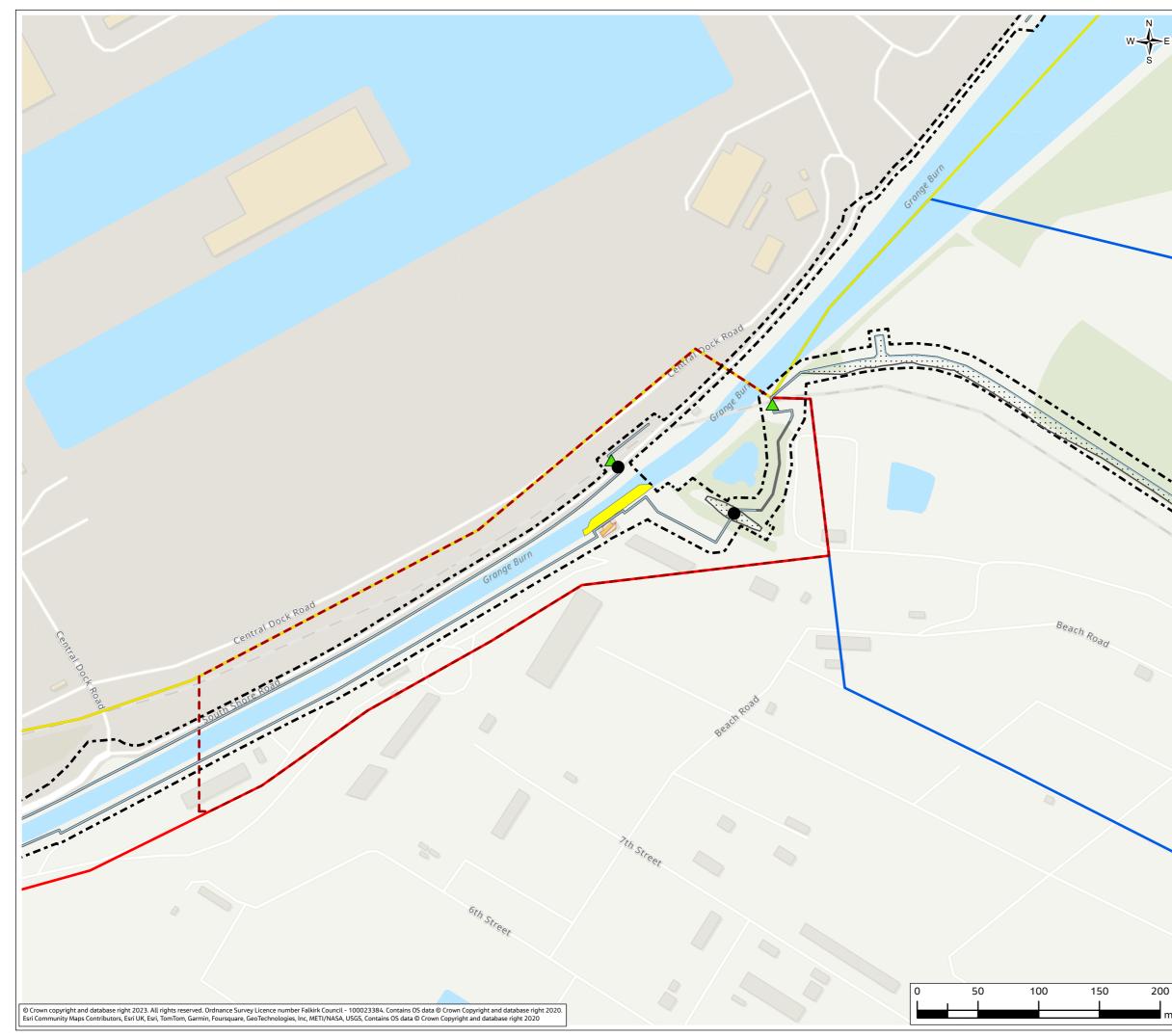
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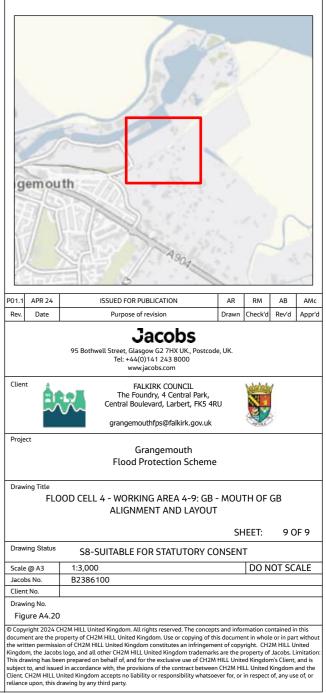
- Bare sheet pile wall
- Stone clad wall
- · Demountable defence
- Site Boundary
- Permanent Works Footprint
- Flood Cell 3 Boundary
- Flood Cell 4 Boundary
- **Working Area**
- ▲ Flood Gates





Legend

- Bare sheet pile wall
- Seepage
- Site Boundary
- Demolished Buildings
- Permanent Works Footprint
- In-water Working
- Flood Cell 3 Boundary
- Flood Cell 4 Boundary
- Flood Cell 6 Boundary
- Working Area
- ▲ Flood Gates
- Access Point - Ramps



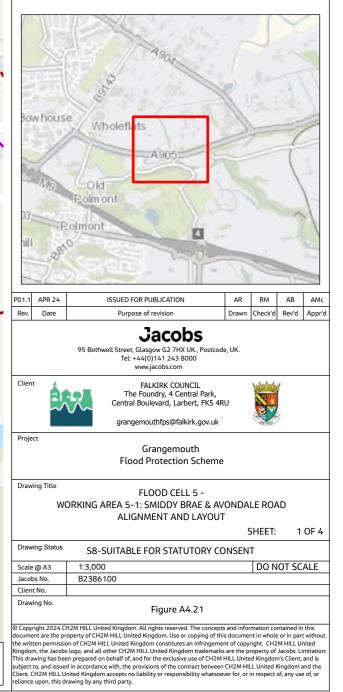
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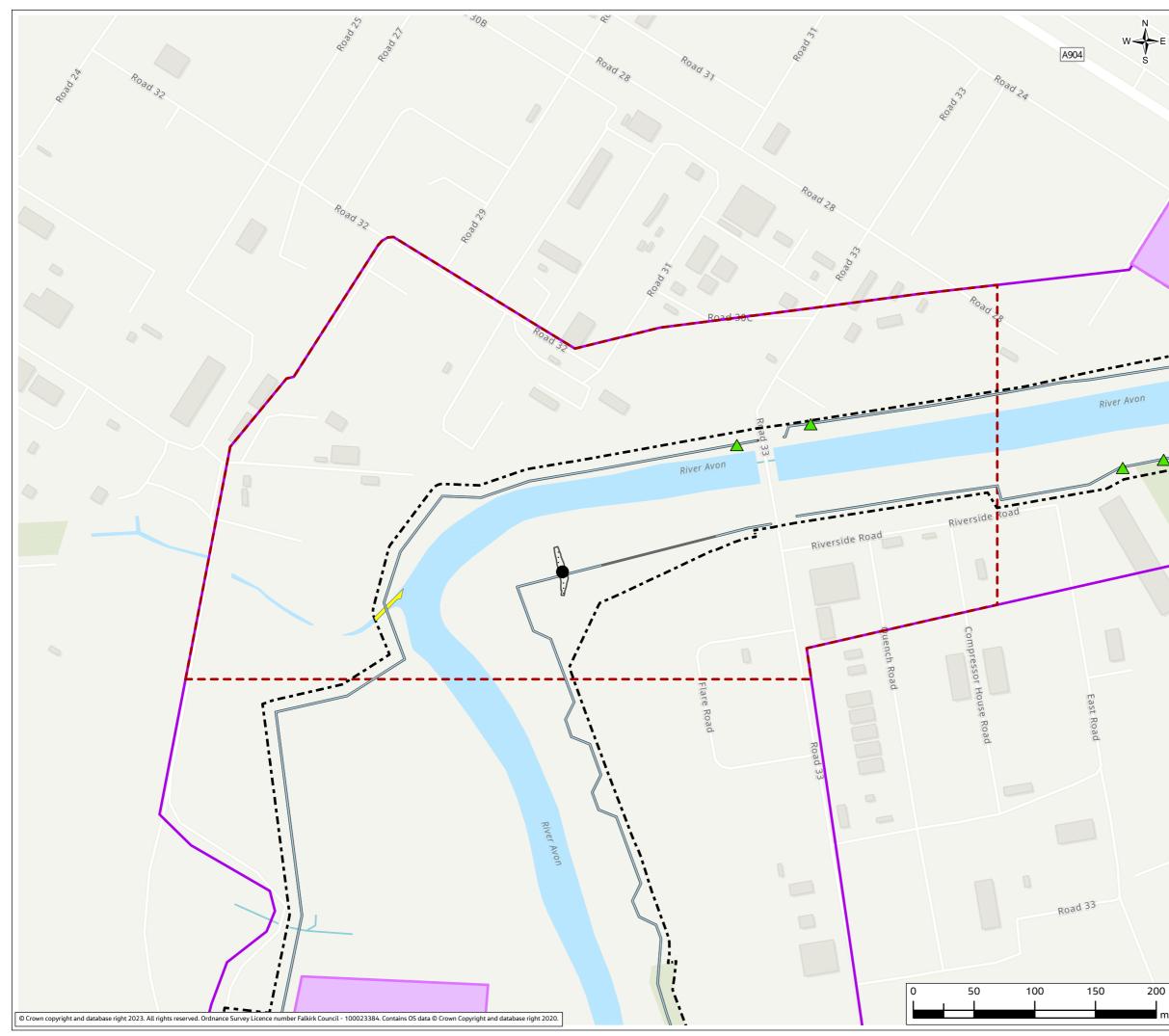
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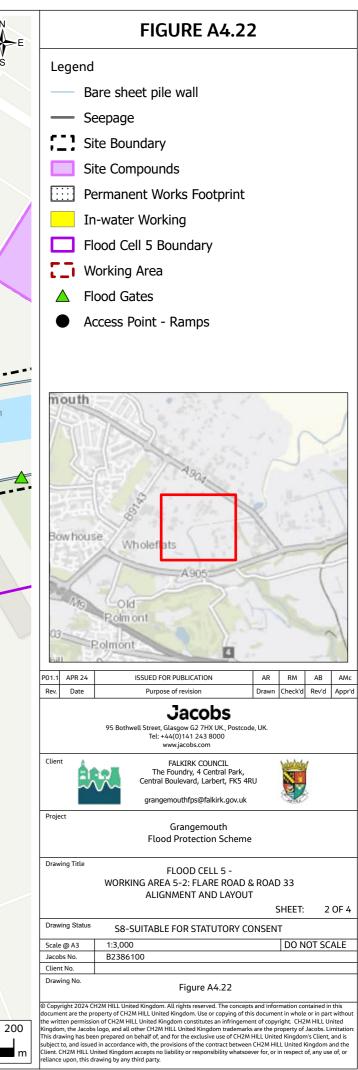


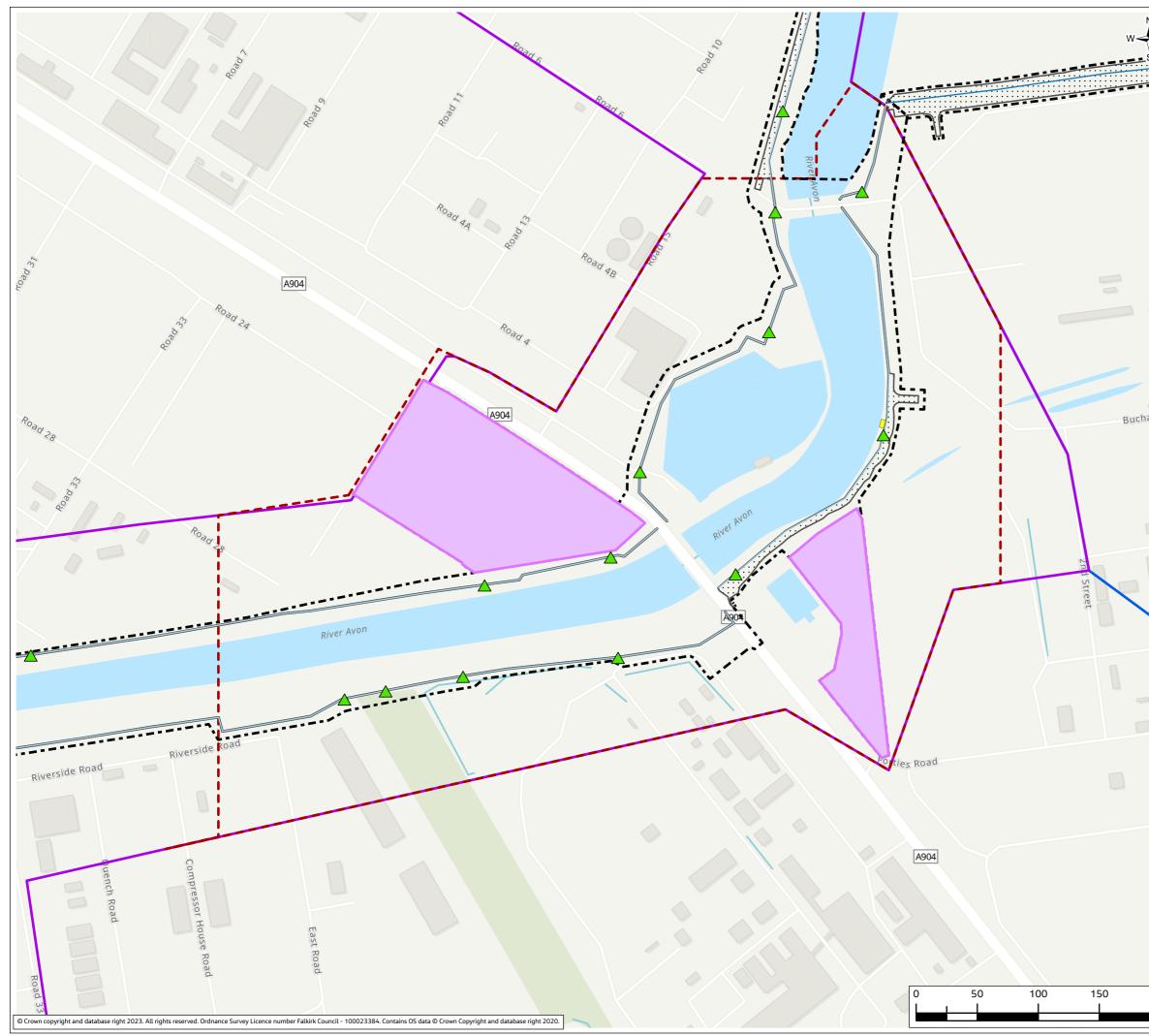


- Bare sheet pile wall
- Earth embankment
- Formed concrete wall
- Replacement bridge
- Stone clad wall
- Site Boundary
- Site Compounds
- Permanent Works Footprint
- In-water Working
- Flood Cell 4 Boundary
- Flood Cell 5 Boundary
- **C** Working Area
- ▲ Flood Gates
- Access Point Ramps

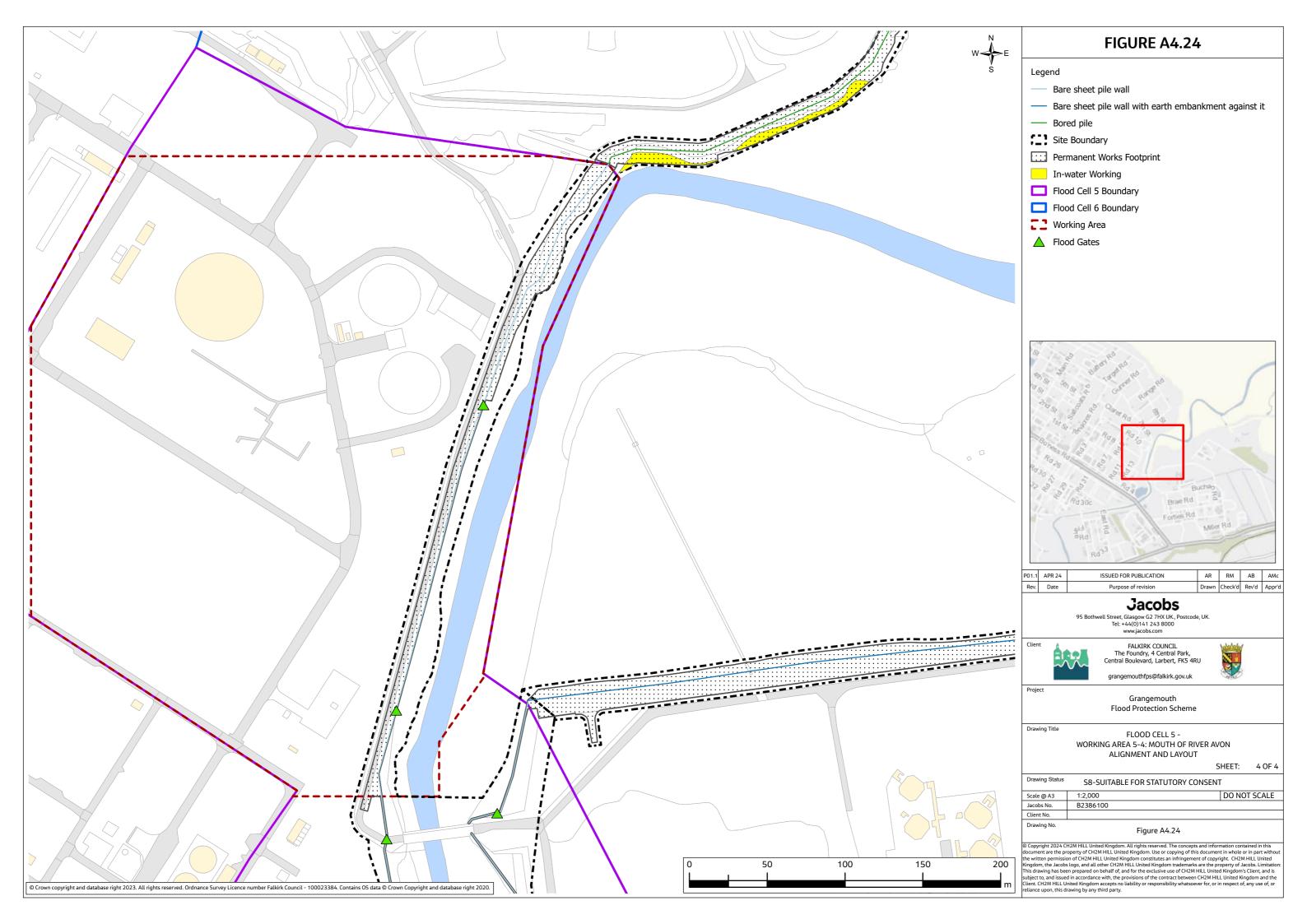


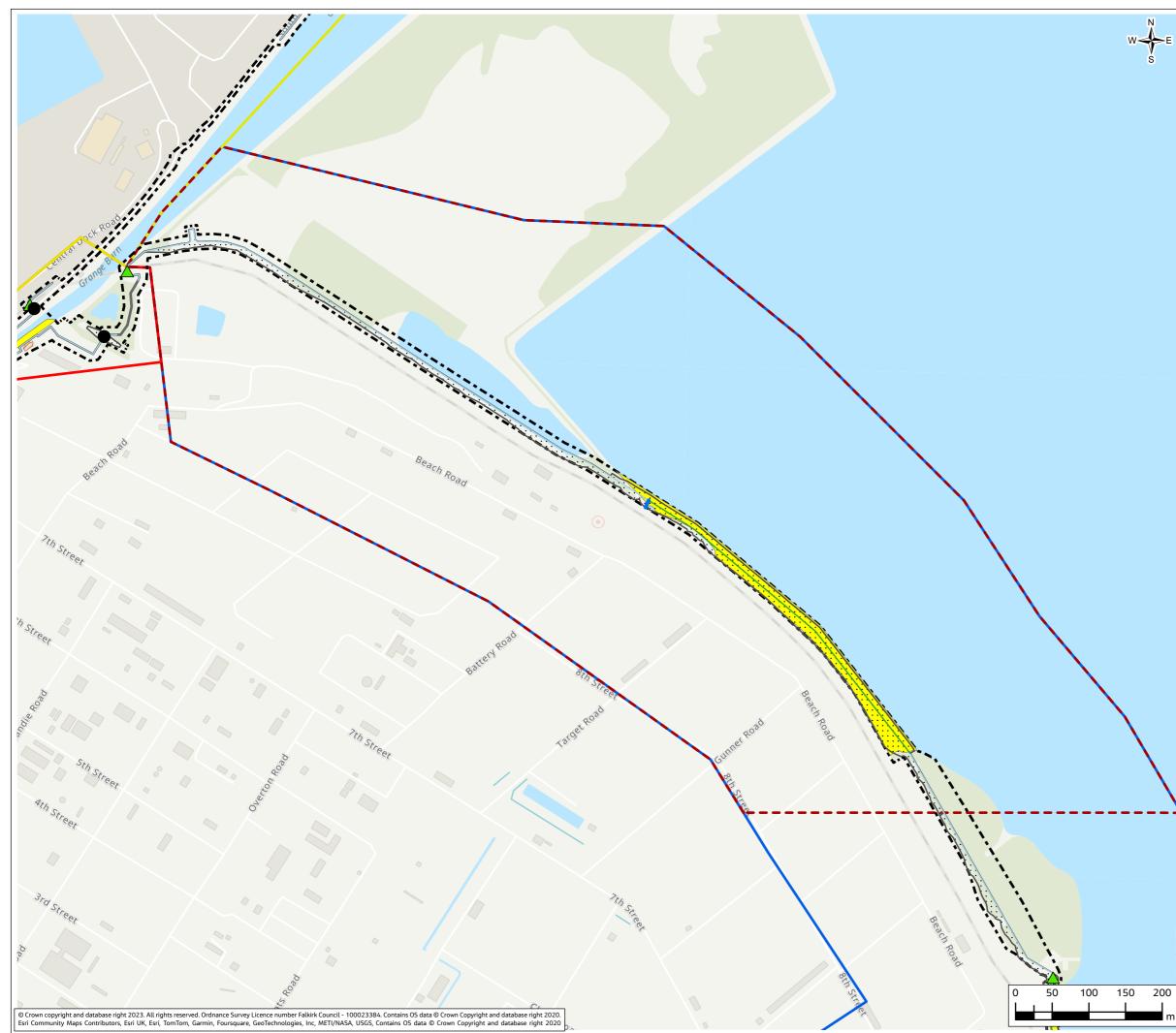






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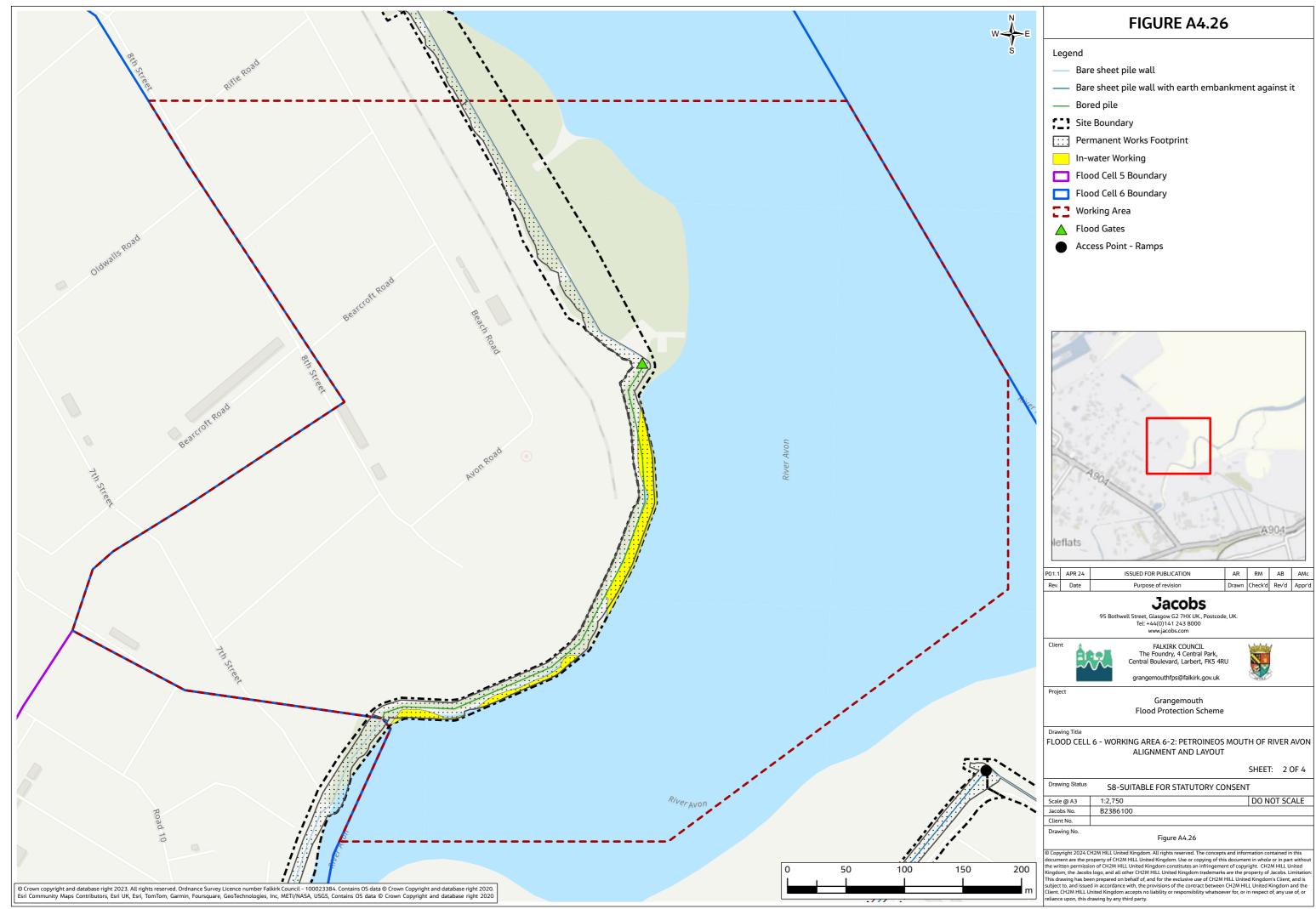


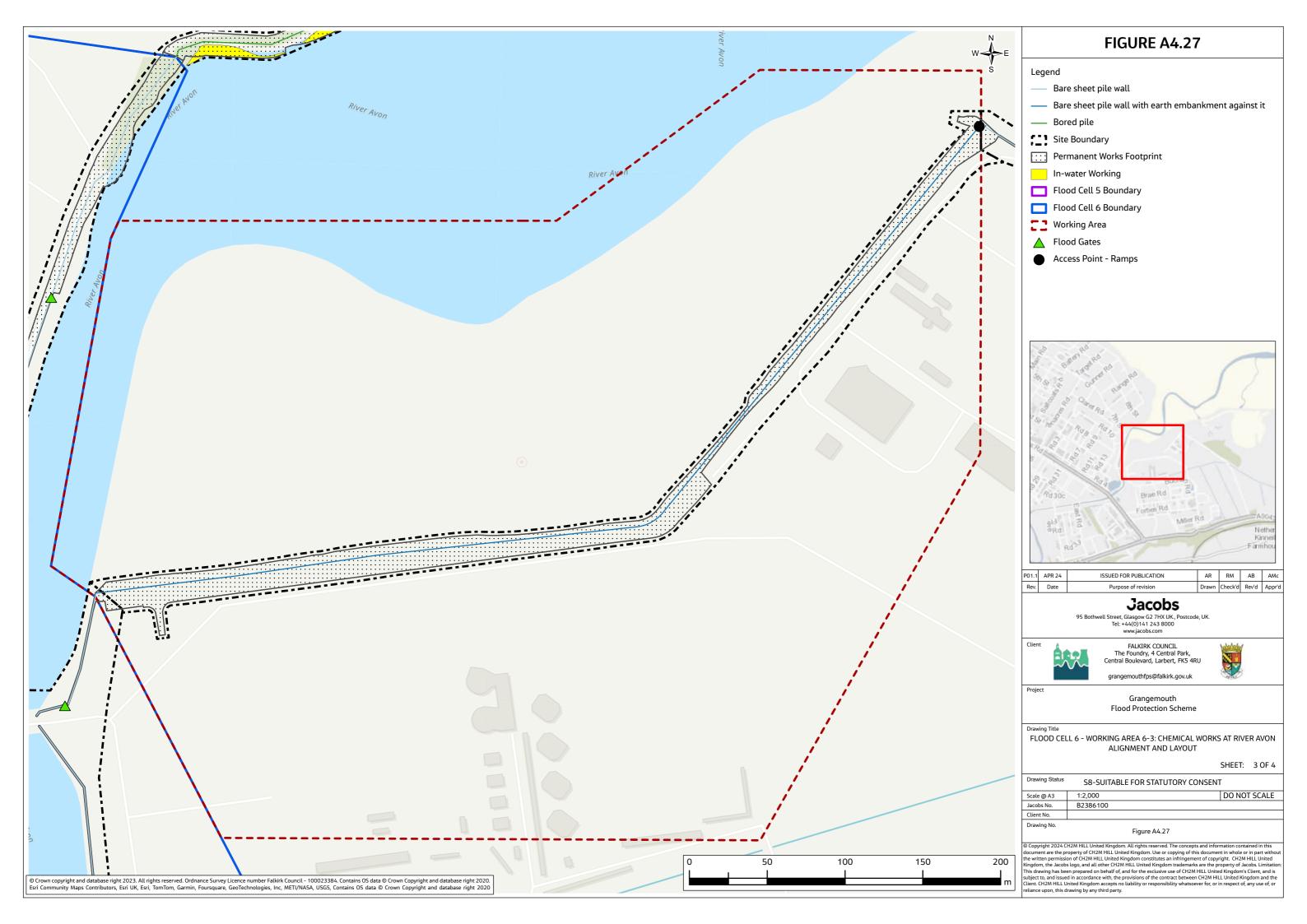


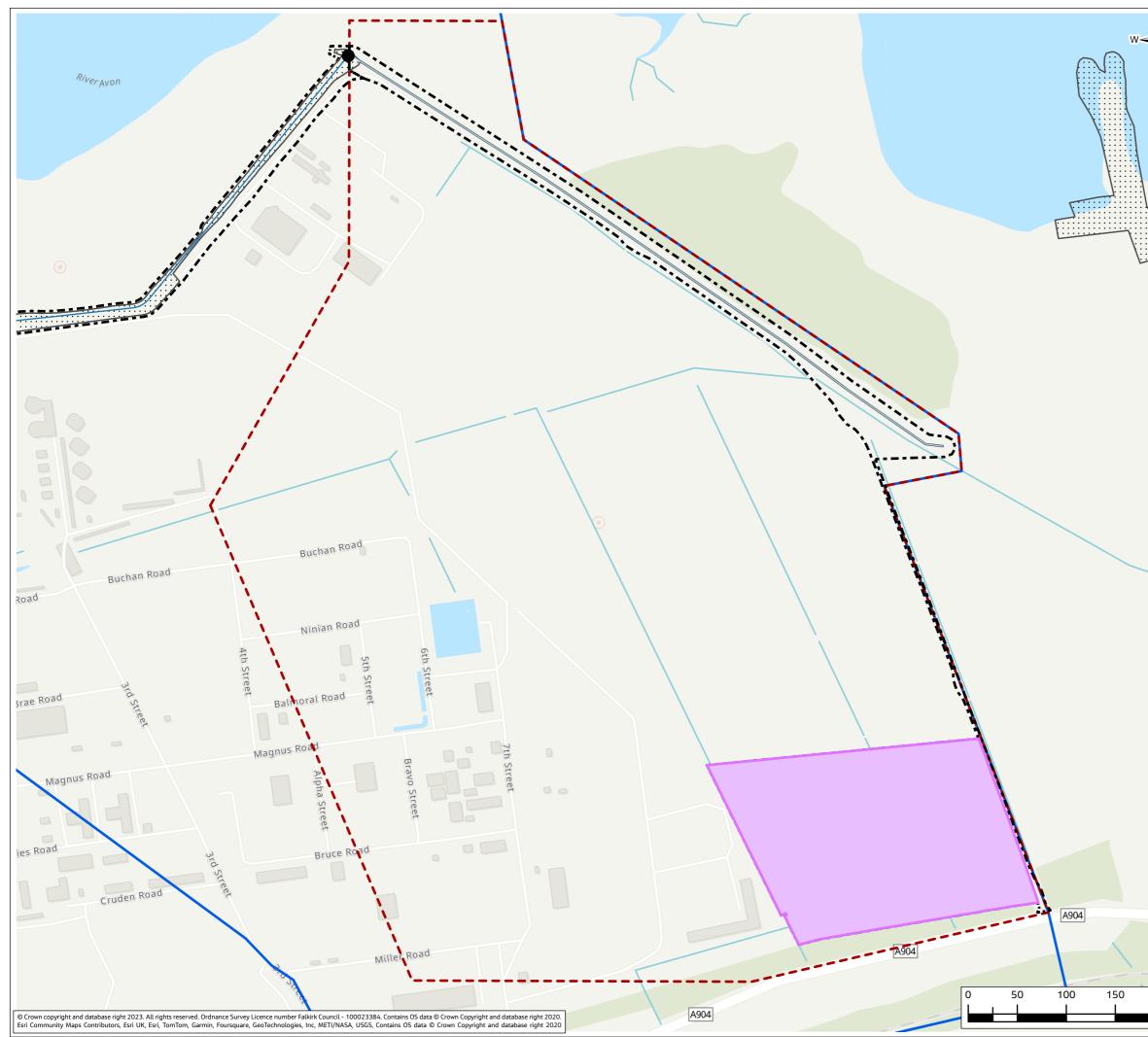
- Bare sheet pile wall
- Bored pile
- Seepage
- New Culverts
- Site Boundary
- Demolished Buildings
- Permanent Works Footprint
- In-water Working
- Flood Cell 3 Boundary
- Flood Cell 4 Boundary
- Flood Cell 6 Boundary
- **D** Working Area
- Flood Gates
- Access Point Ramps



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Project Grangemouth Flood Protection Scheme								
	Drawing Title FLOOD CELL 6 - WORKING AREA 6-1: BEACH ROAD ALIGNMENT AND LAYOUT							
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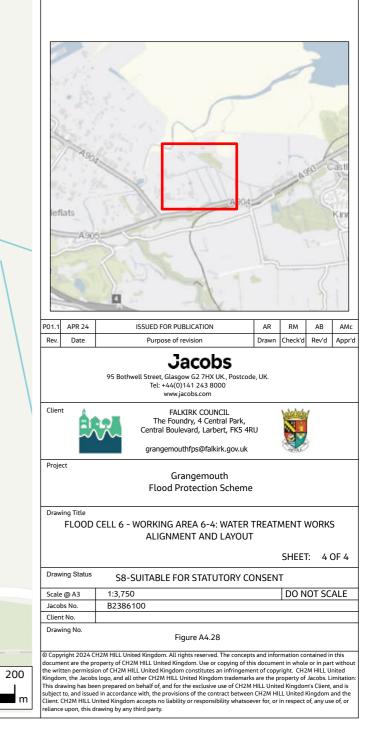






Legend

- Bare sheet pile wall
- Bare sheet pile wall with earth embankment against it
- Site Boundary
- Site Compounds
- Permanent Works Footprint
- Flood Cell 6 Boundary
- **Working Area**
- Access Point Ramps



Environmental Impact Assessment Report

Appendix A Scheme Defence Heights (Figures A4.29 - A4.56)

Grangemouth Flood Protection Scheme 2024 Falkirk Council



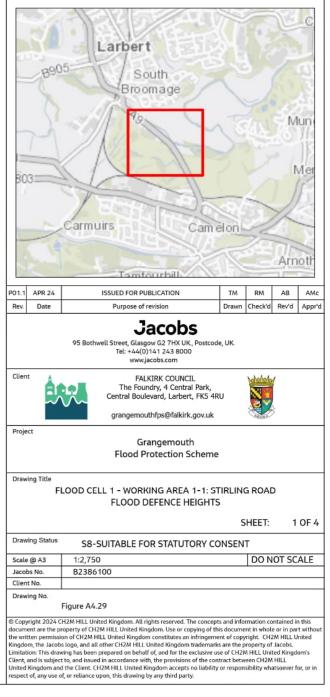
Contents (links to appendix figures)

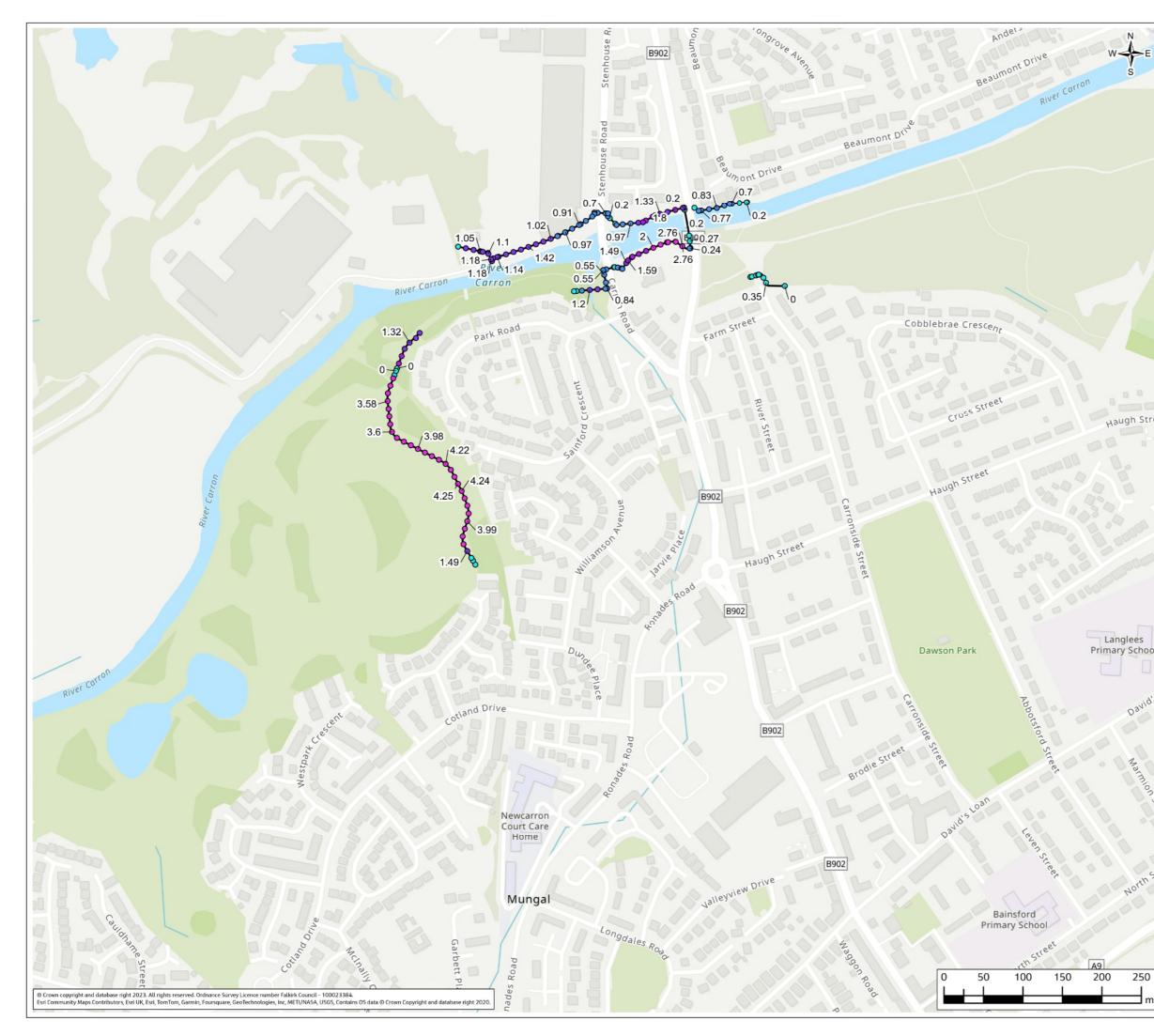
Figure A4.29: Working Area 1-1 / Stirling Road Figure A4.30: Working Area 1-2 / Carron Bridges Figure A4.31; Working Area 1-3 / Chapel Burn Figure A4.32: Working Area 1-4 / Dock Street Figure A4.33: Working Area 2-1 / Forth and Clyde Canal Lock Figure A4.34: Working Area 2-2 / Jarvie Plant/Rossco Properties Figure A4.35: Working Area 3-1 / Mouth of the River Carron Figure A4.36: Working Area 3-2 / West Coast of the Port Figure A4.37: Working Area 3-3 / West Gate to the Port Figure A4.38: Working Area 3-4 / East Gate to the Port Figure A4.39: Working Area 3-5 / Mouth of the Grange Burn Figure A4.40: Working Area 4-1 / Upstream of M9 Figure A4.41: Working Area 4-2 / Flood Relief Channel – Rannoch Park Figure A4.42: Working Area 4-3 / Flood Relief Channel – Inchyra Road Figure A4.43: Working Area 4-4 / Flood Relief Channel – Whole-flats Road Figure A4.44: Working Area 4-5 / Grange Burn – Zetland Park Figure A4.45: Working Area 4-6 / Grange Burn – Dalgrain to Bo'Ness Road Figure A4.46: Working Area 4-7 / Grange Burn – Grangeburn Road Figure A4.47: Working Area 4-8 / Grange Burn – Petroineos Figure A4.48: Working Area 4-9 / Grange Burn – Mouth of Grange Burn Figure A4.49: Working Area 5-1 / Smiddy Brae & Avondale Road Figure A4.50: Working Area 5-2 / Flare Road & Road 33 Figure A4.51: Working Area 5-3 / Grangemouth Road Figure A4.52: Working Area 5-4 / Mouth of the River Avon Figure A4.53: Working Area 6-1 / Beach Road Figure A4.54: Working Area 6-2 / Mouth of River Avon Figure A4.55: Working Area 6-3 Chemical Works at River Avon Figure A4.56: Working Area 6 -4 / Water Treatment Works



FIGURE A4.29 Legend Flood defence heights (m) from existing ground level Height • 0 - 0.5 • 0.51 - 1.0 • 1.01 - 1.5 • 1.51 - 2.0 • >2.0 Flood defence location

1.31 Flood defence heights (m) from existing ground level labels

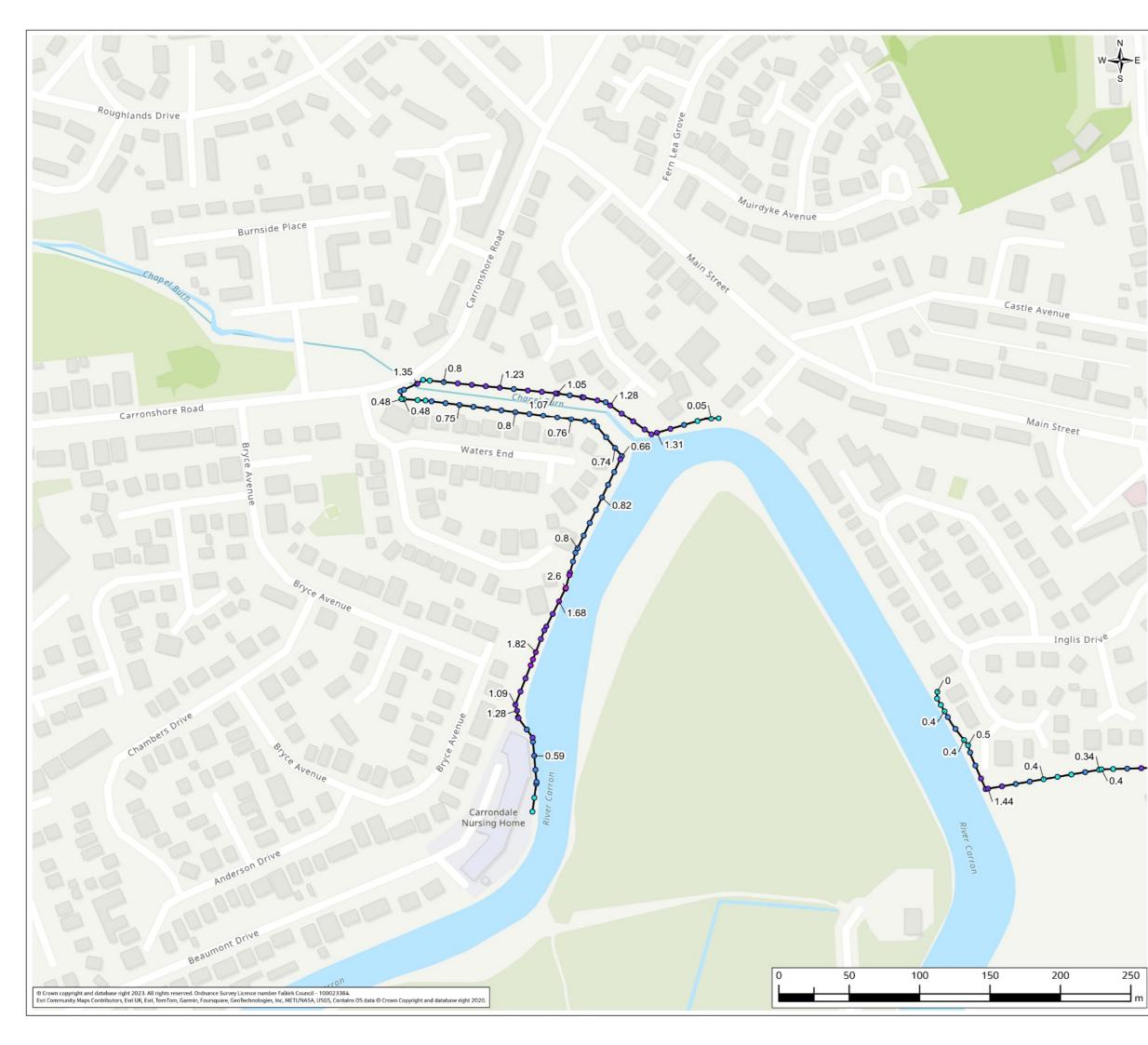




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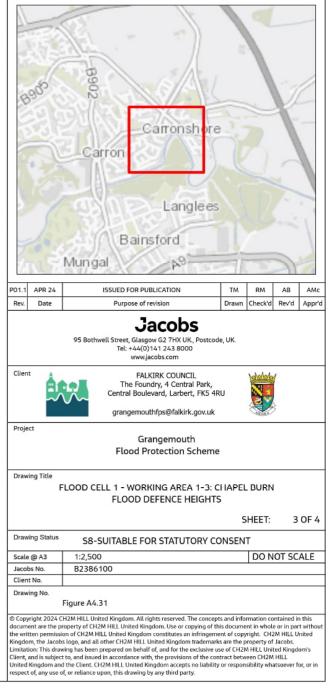
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- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels

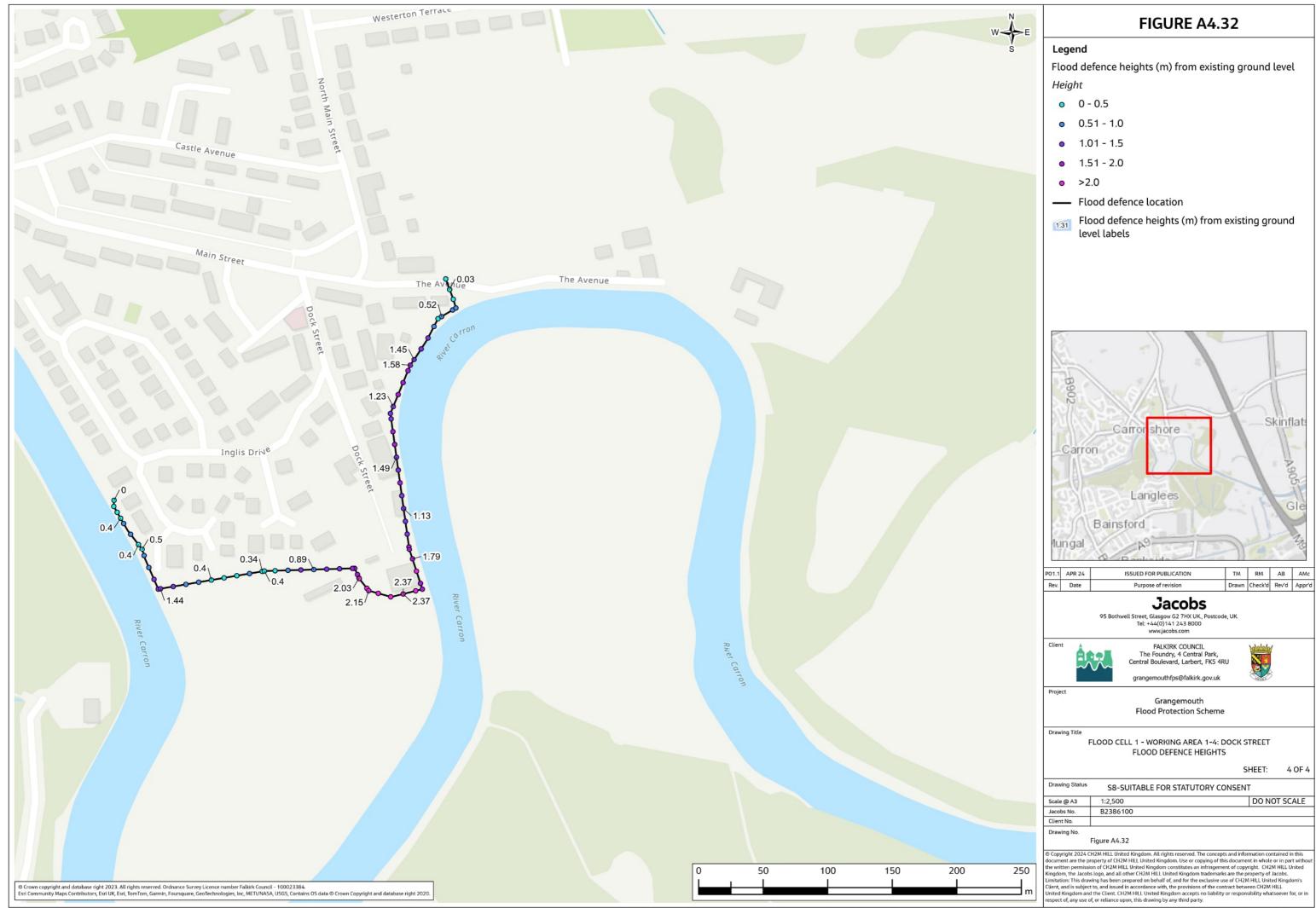
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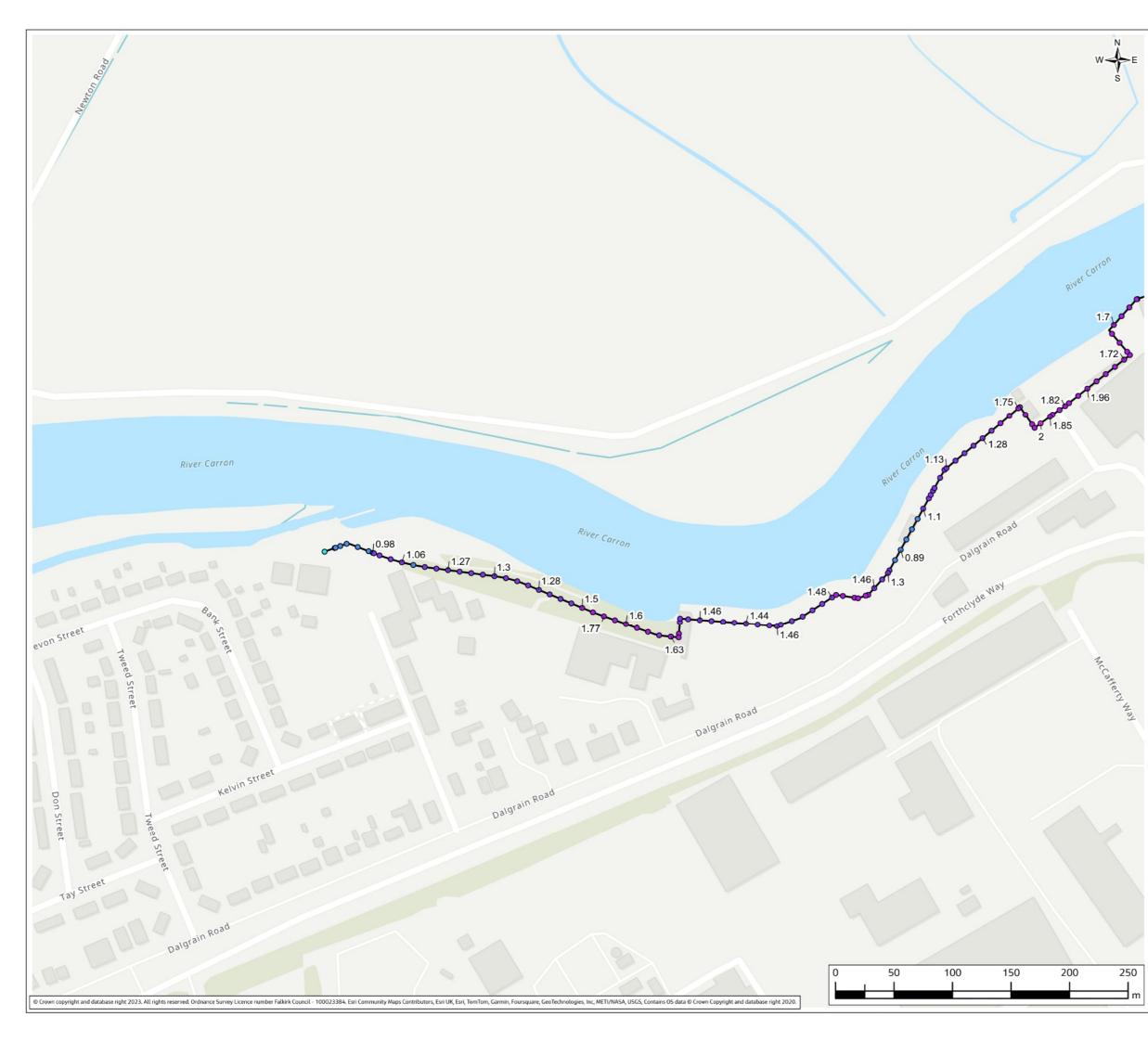


Legend

- 0 0.5
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- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels



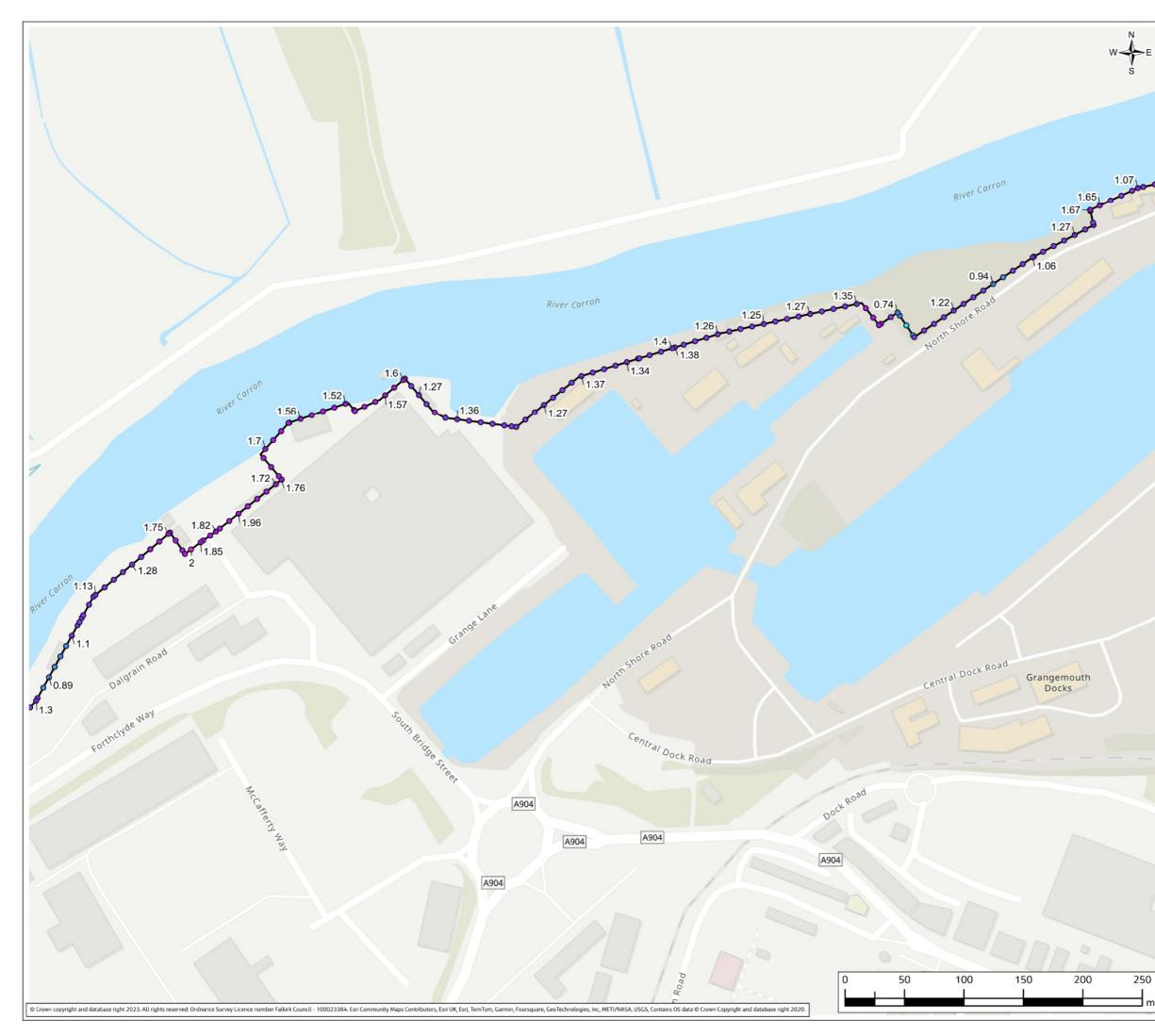




Legend

- 0-0.5
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- Flood defence location
- Flood defence heights (m) from existing ground level labels





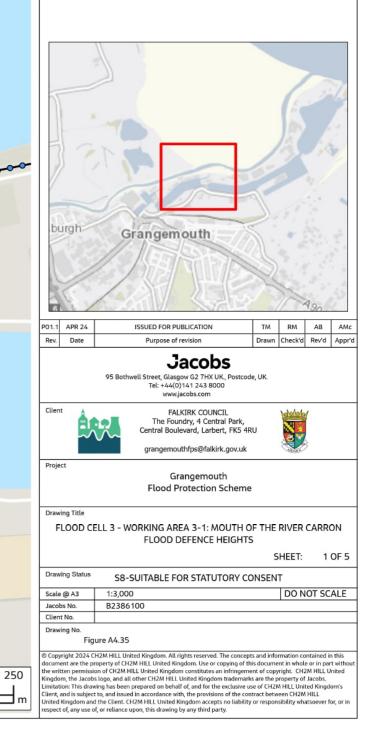


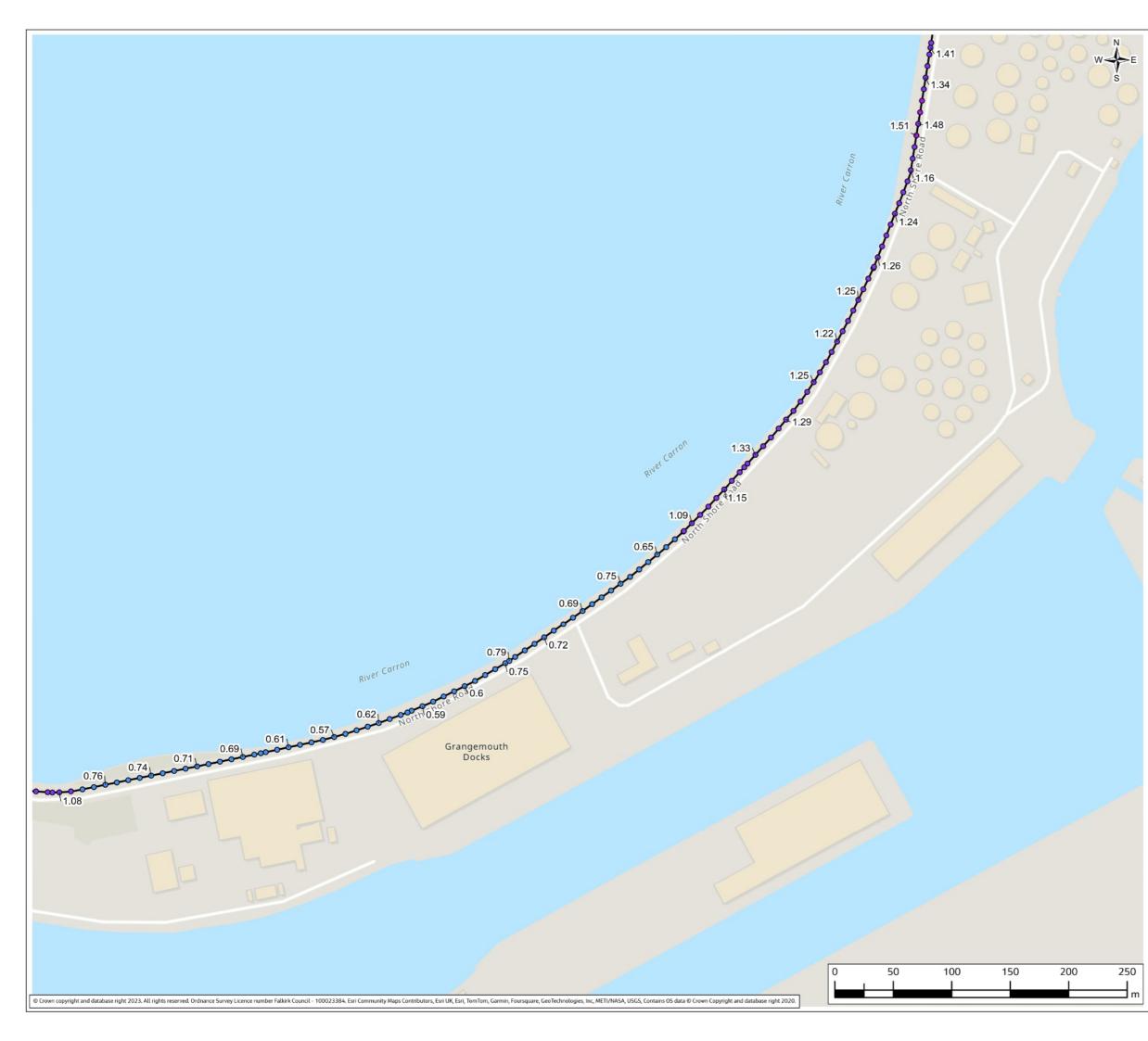




Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels





Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
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- 1.31 Flood defence heights (m) from existing ground level labels

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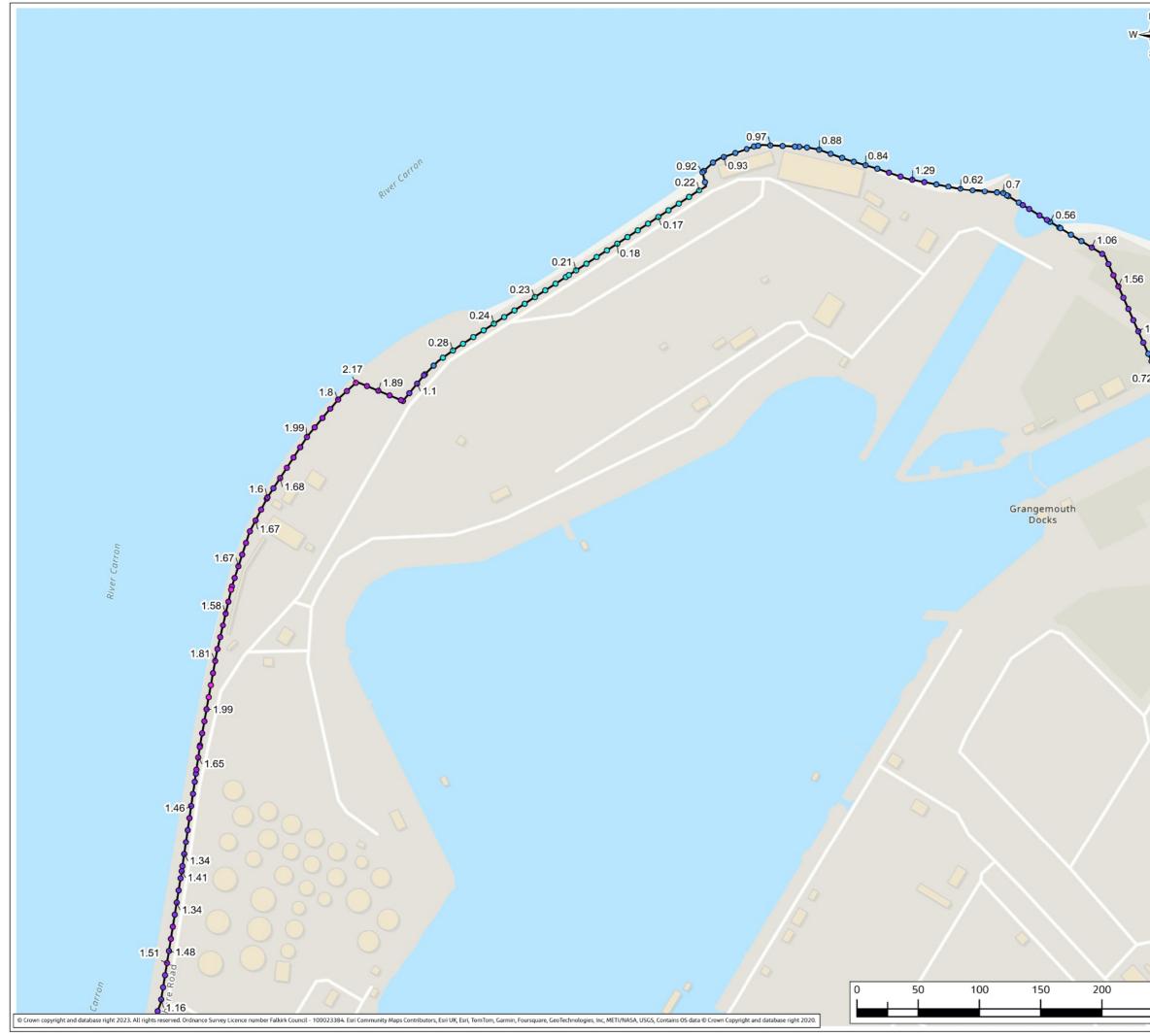
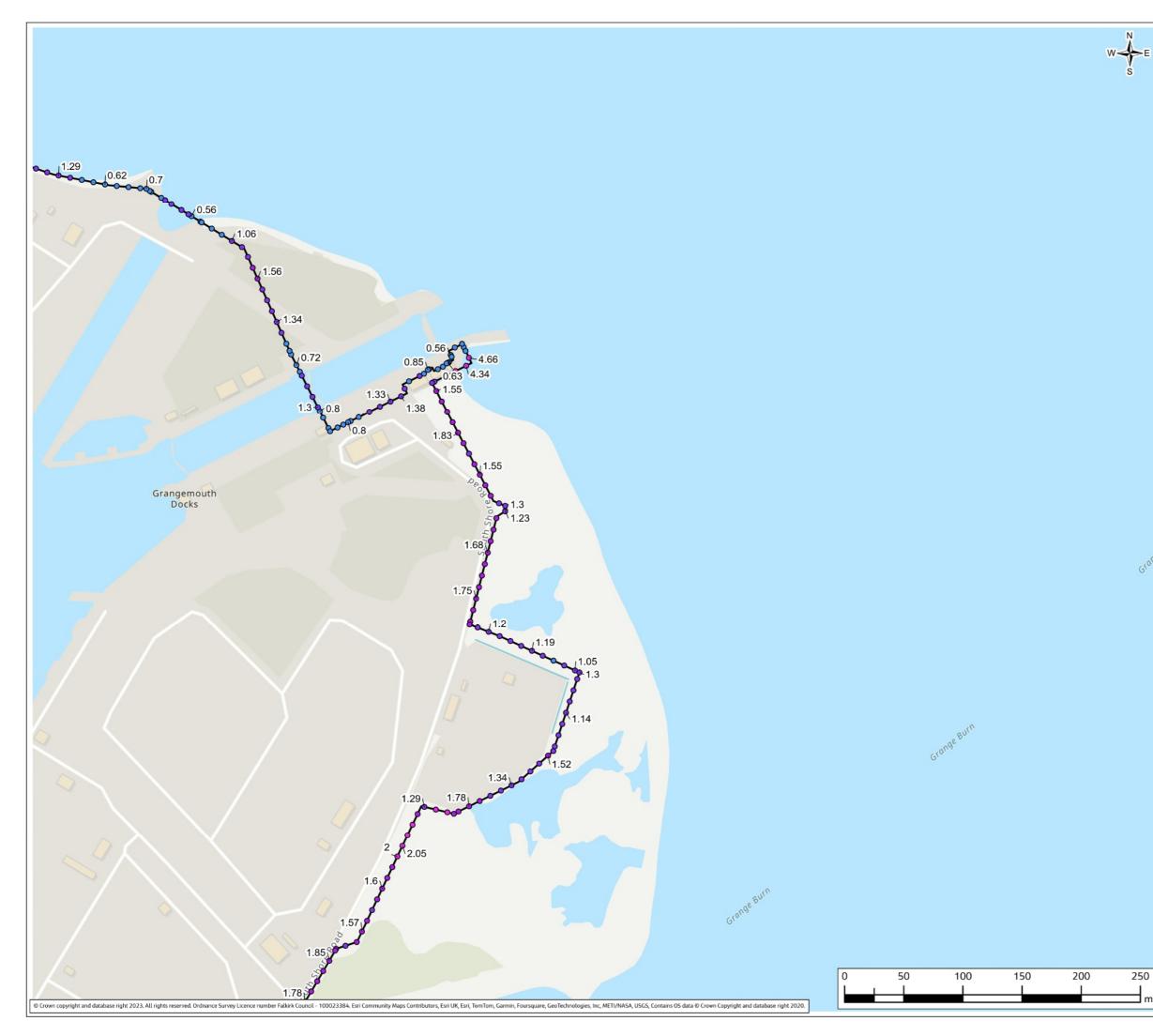
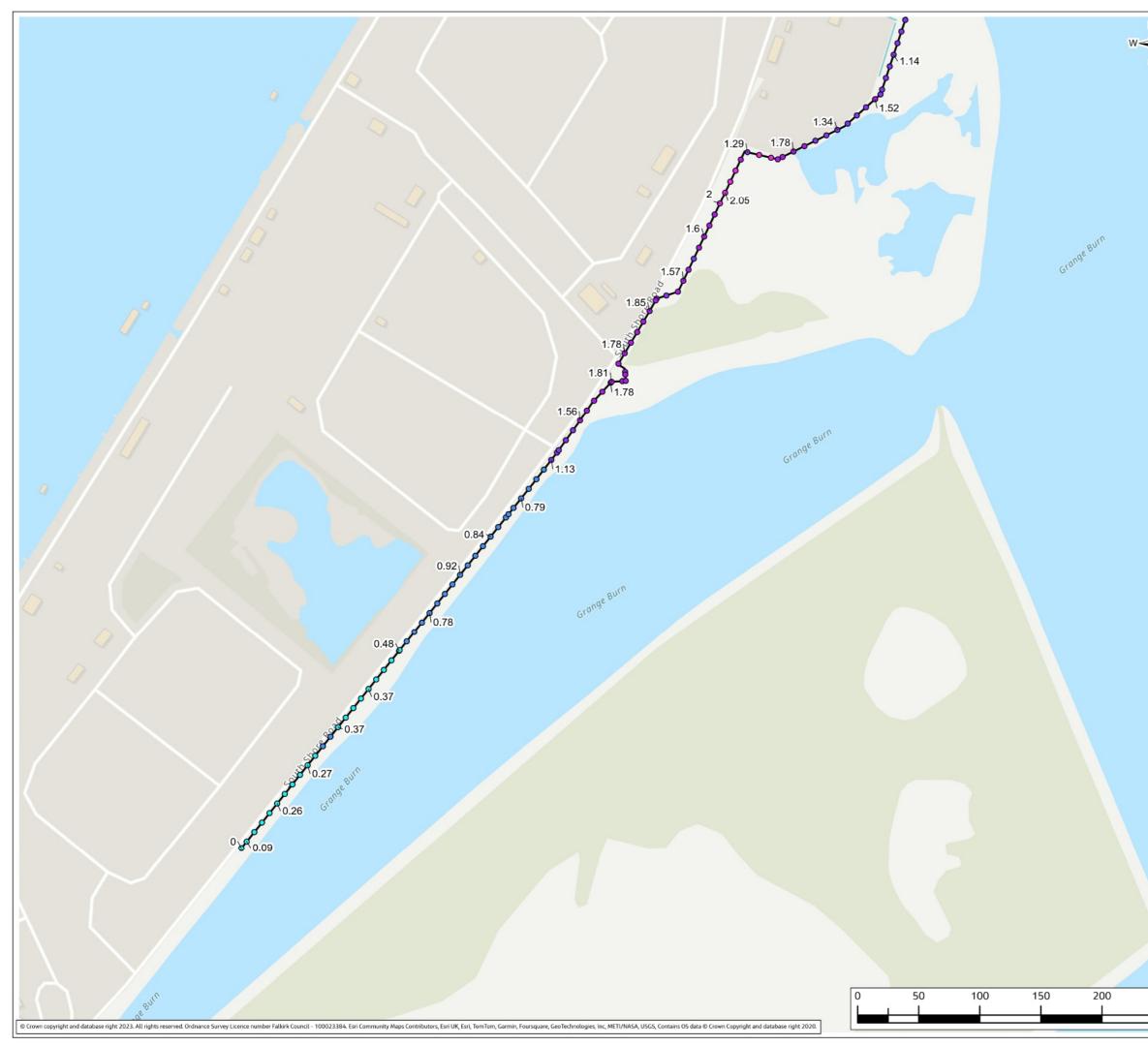


	FIGURE A4.				
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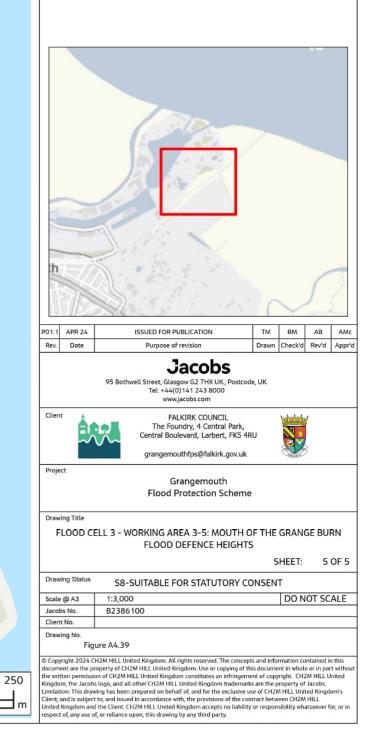


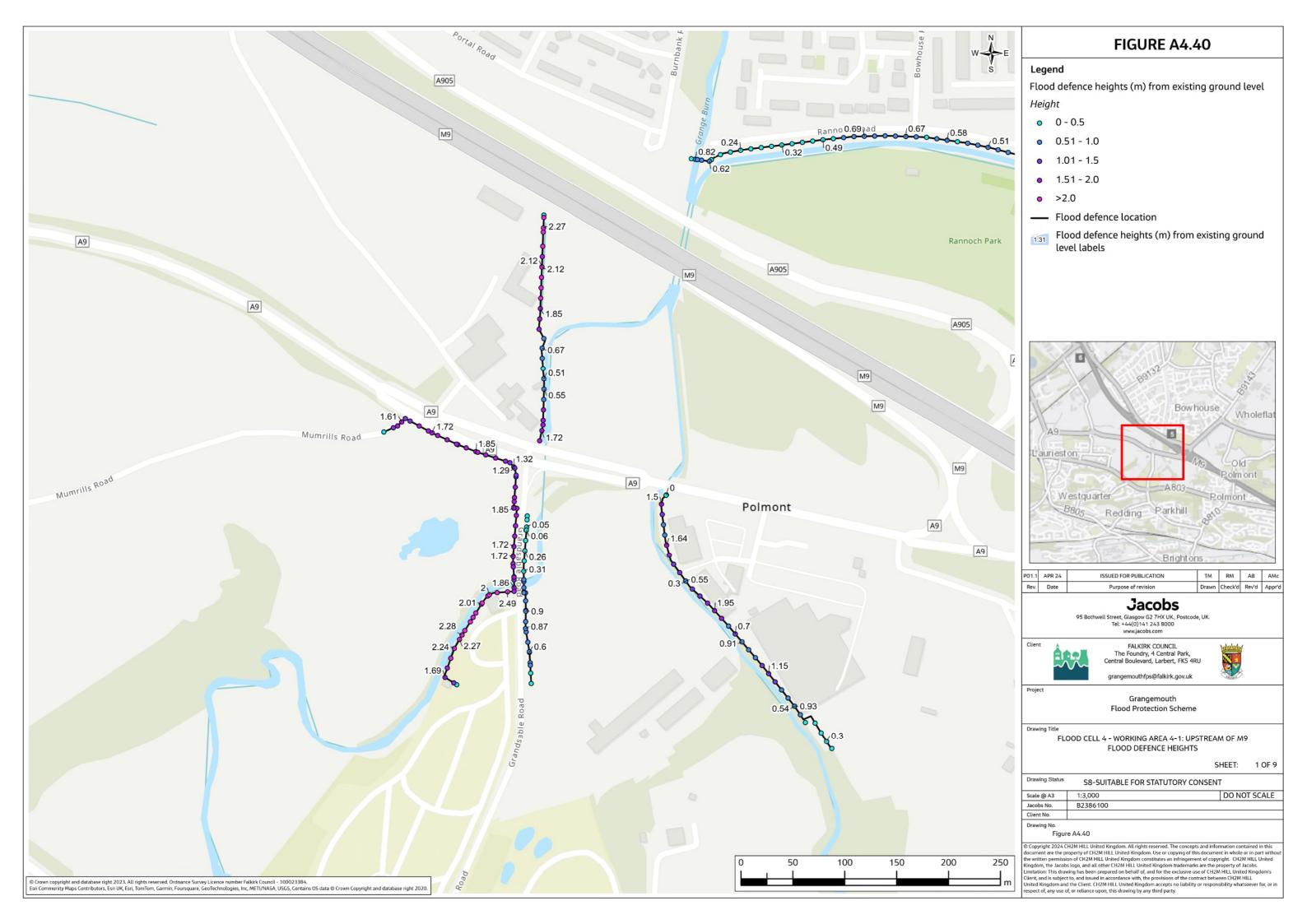


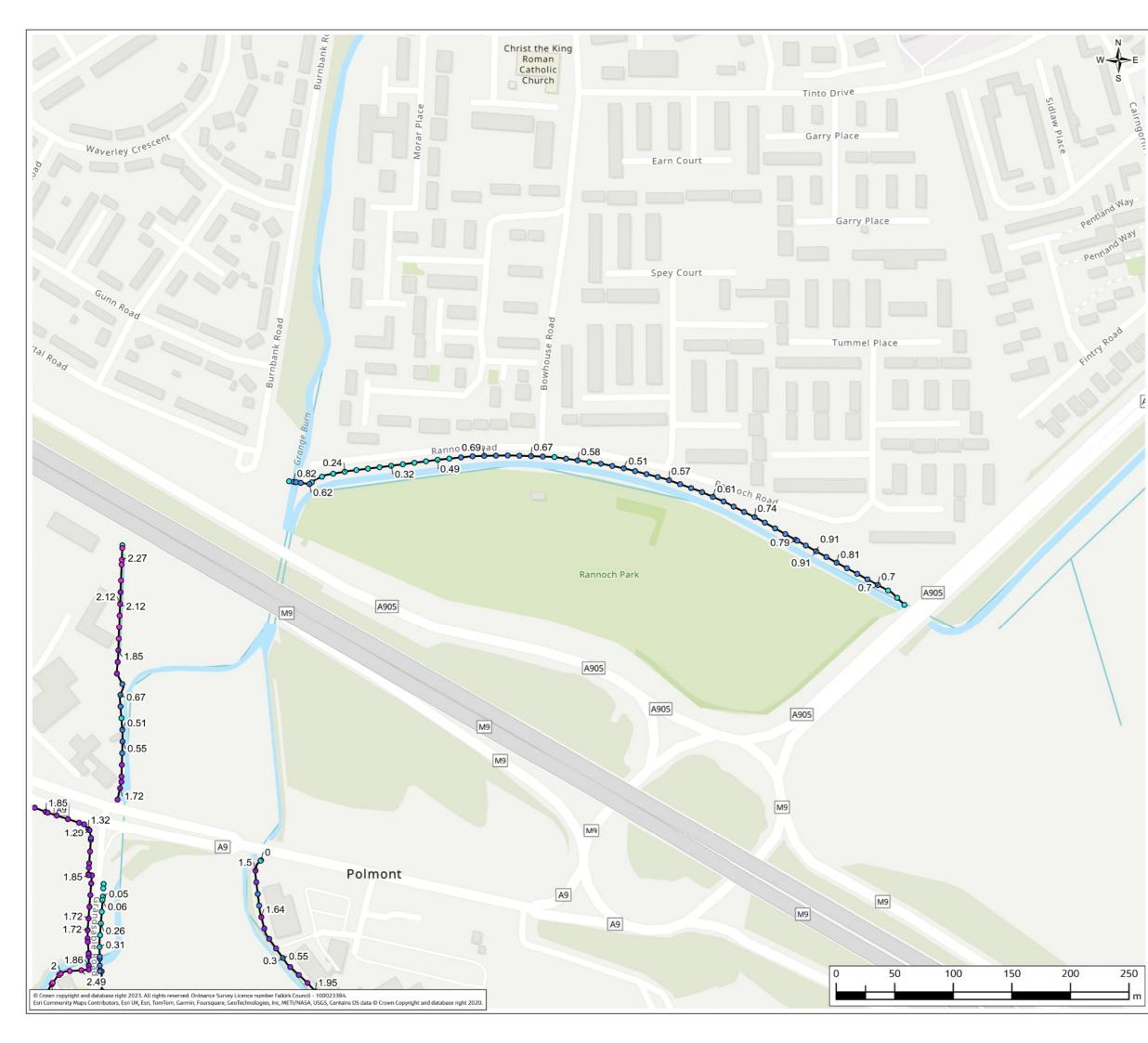


Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels



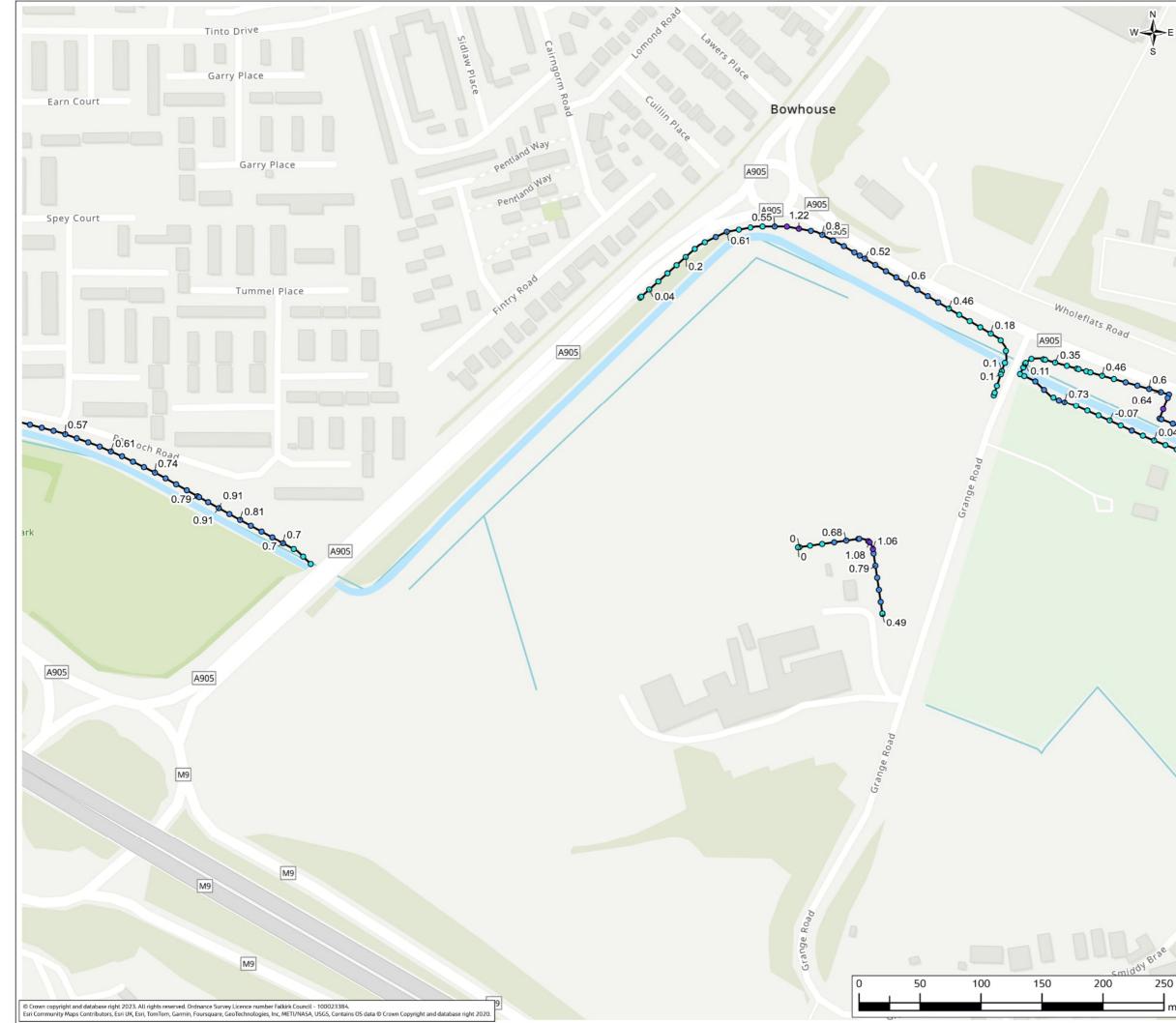




Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels





N W S

FIGURE A4.42

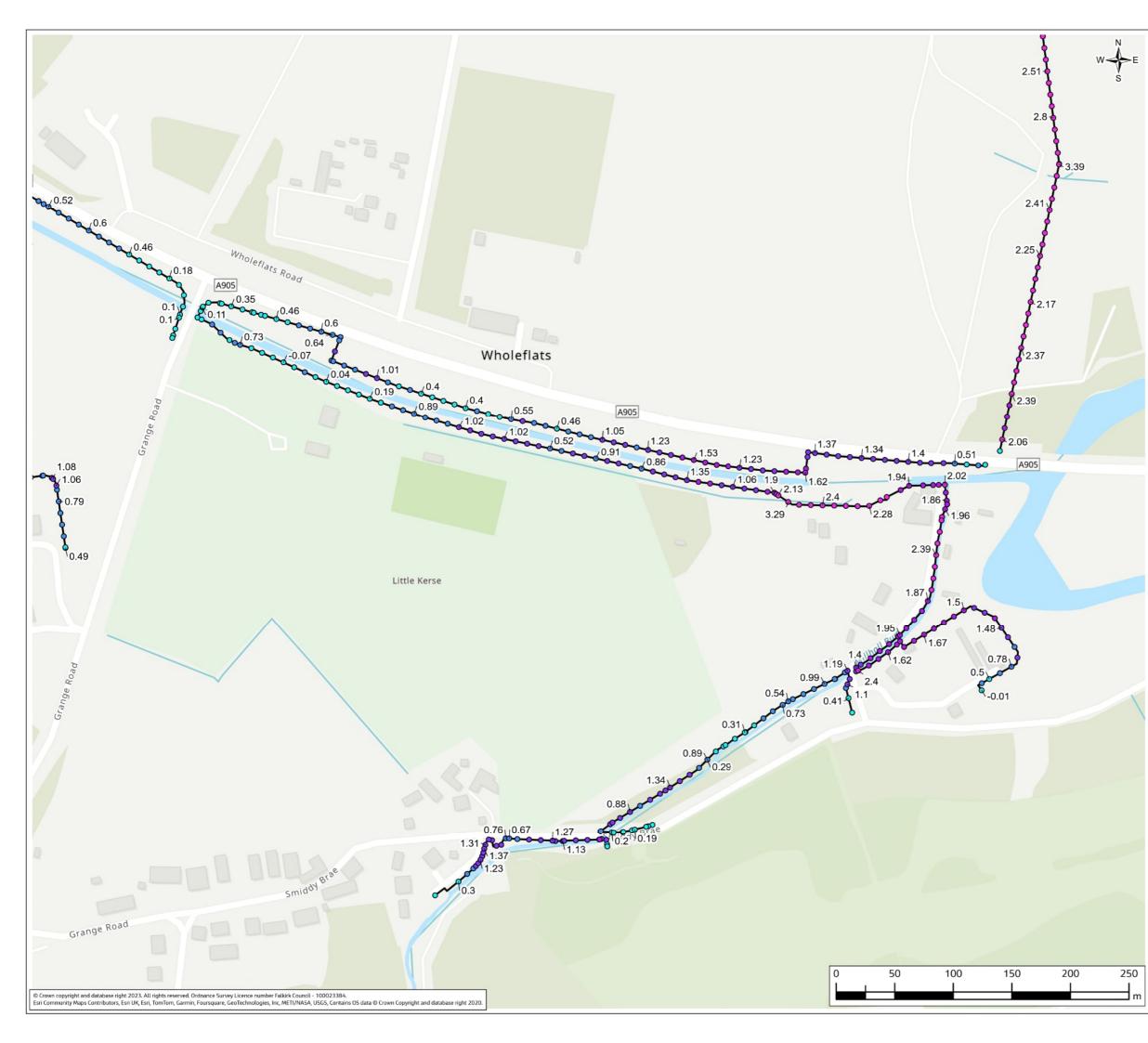
Flood defence heights (m) from existing ground level Height

• 0-0.5

Legend

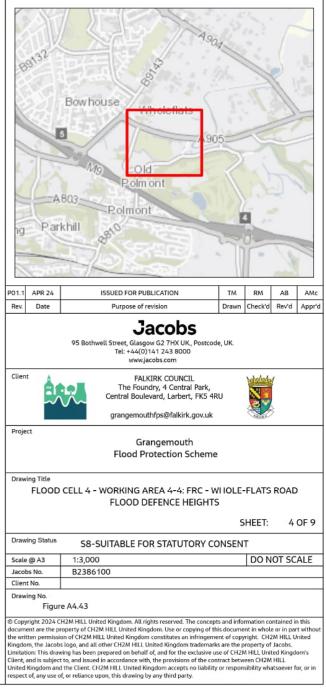
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground 1.31 level labels

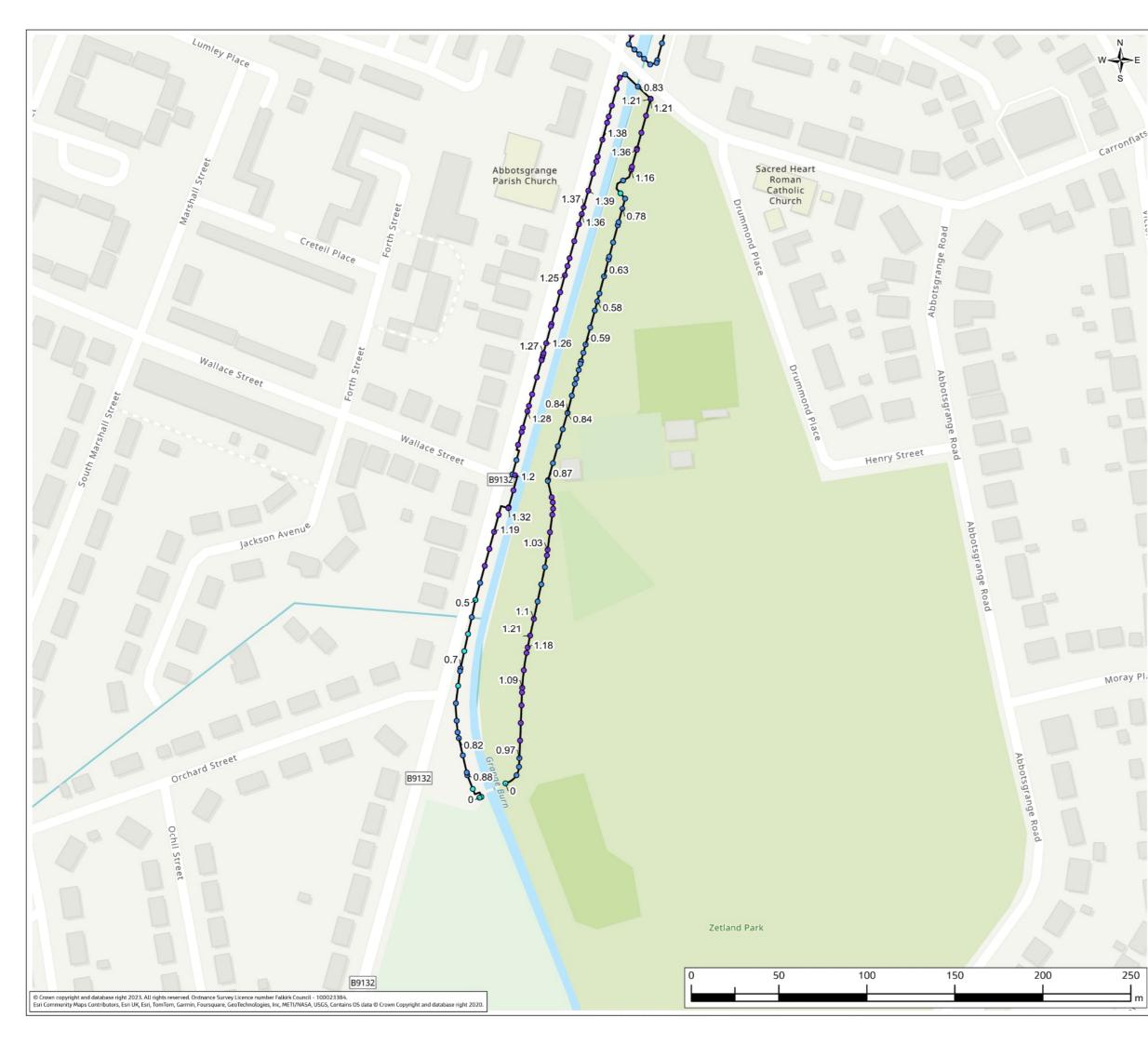




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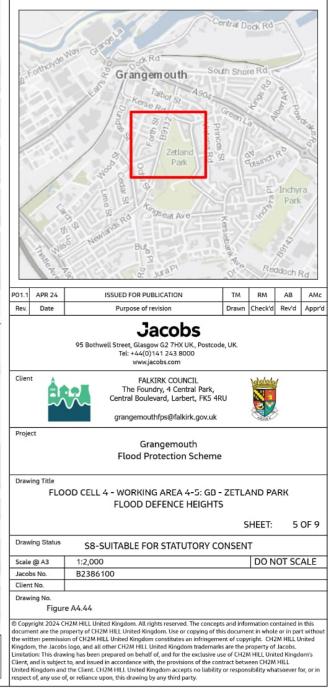
- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels

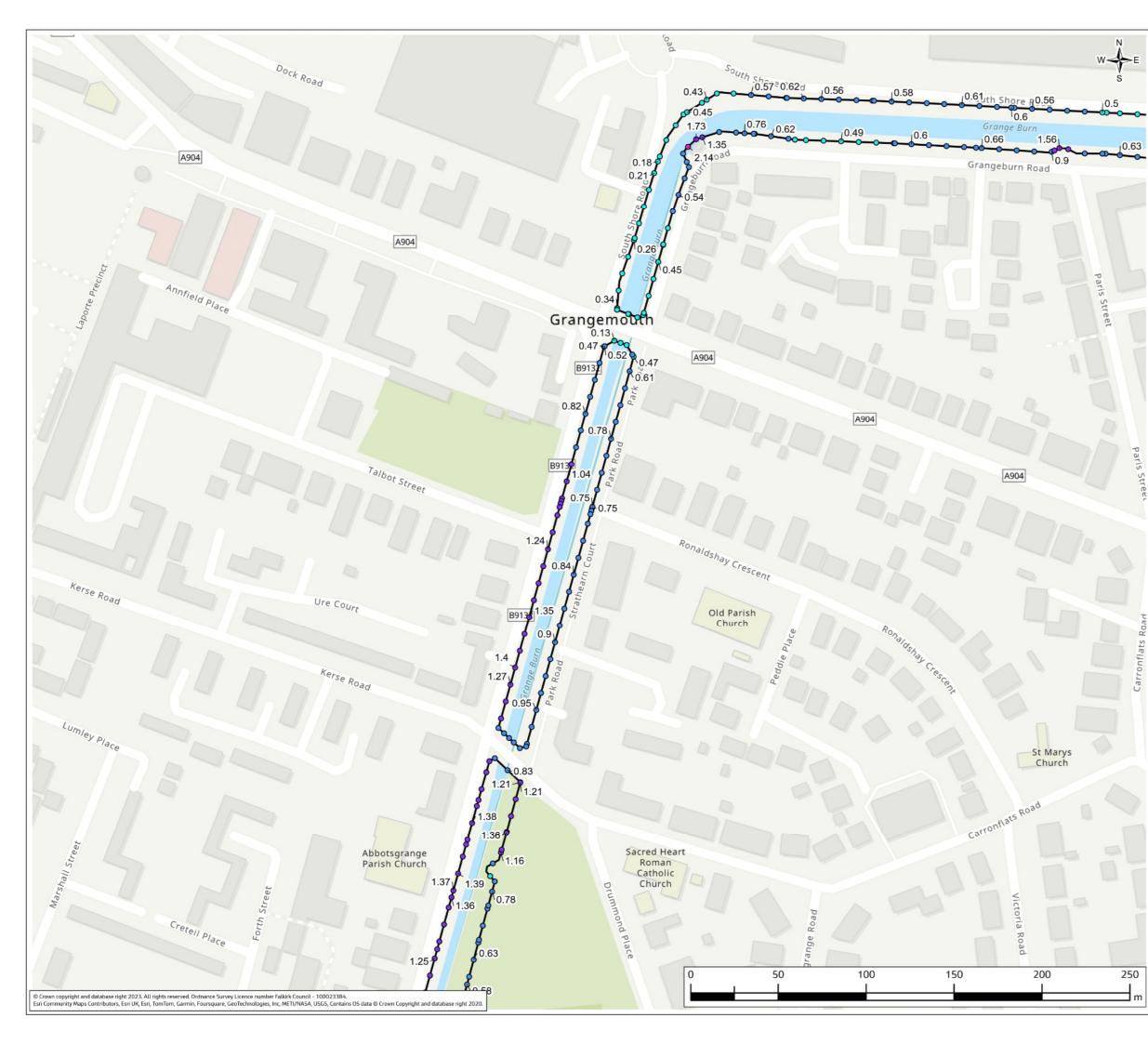




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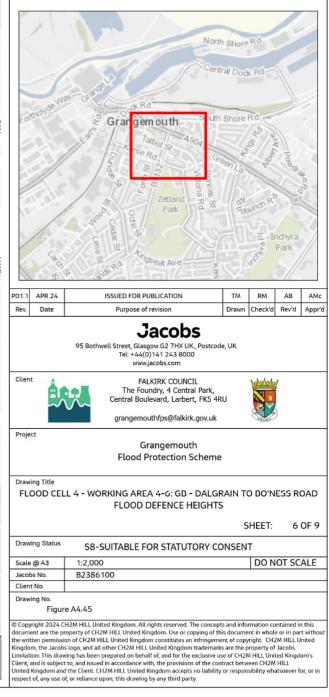
- 0 0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels

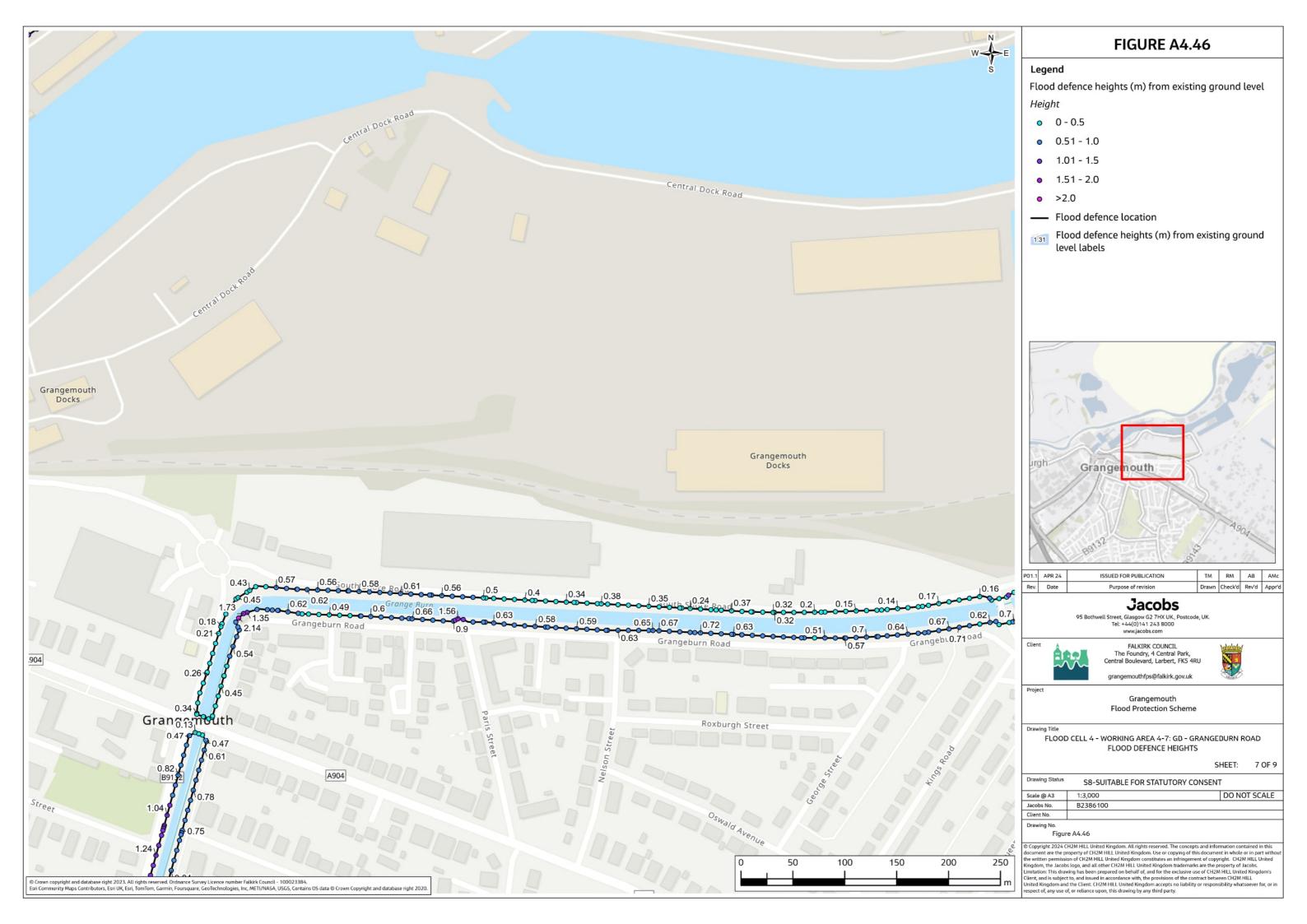


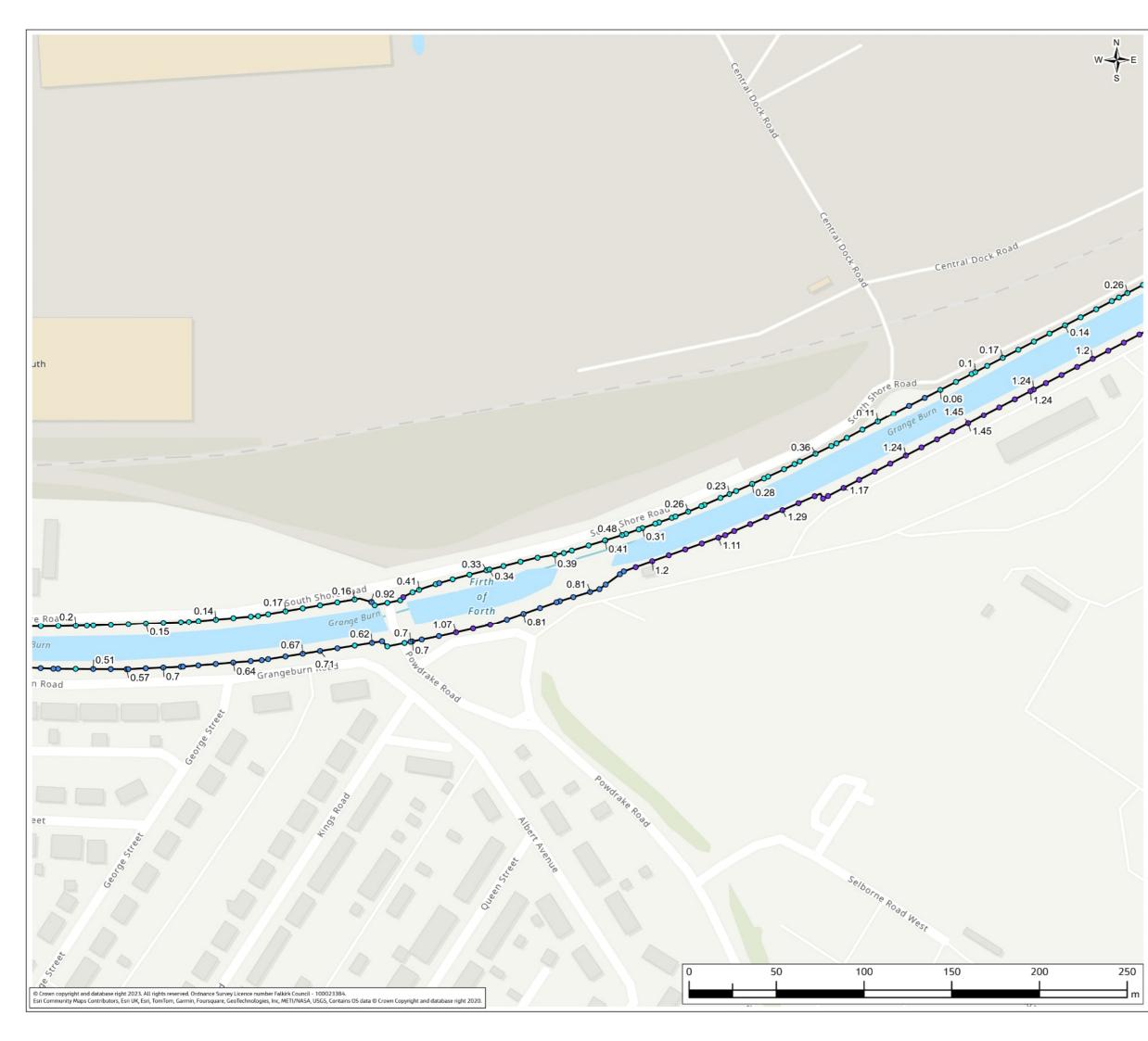


Legend

- 0 0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 131 Flood defence heights (m) from existing ground level labels



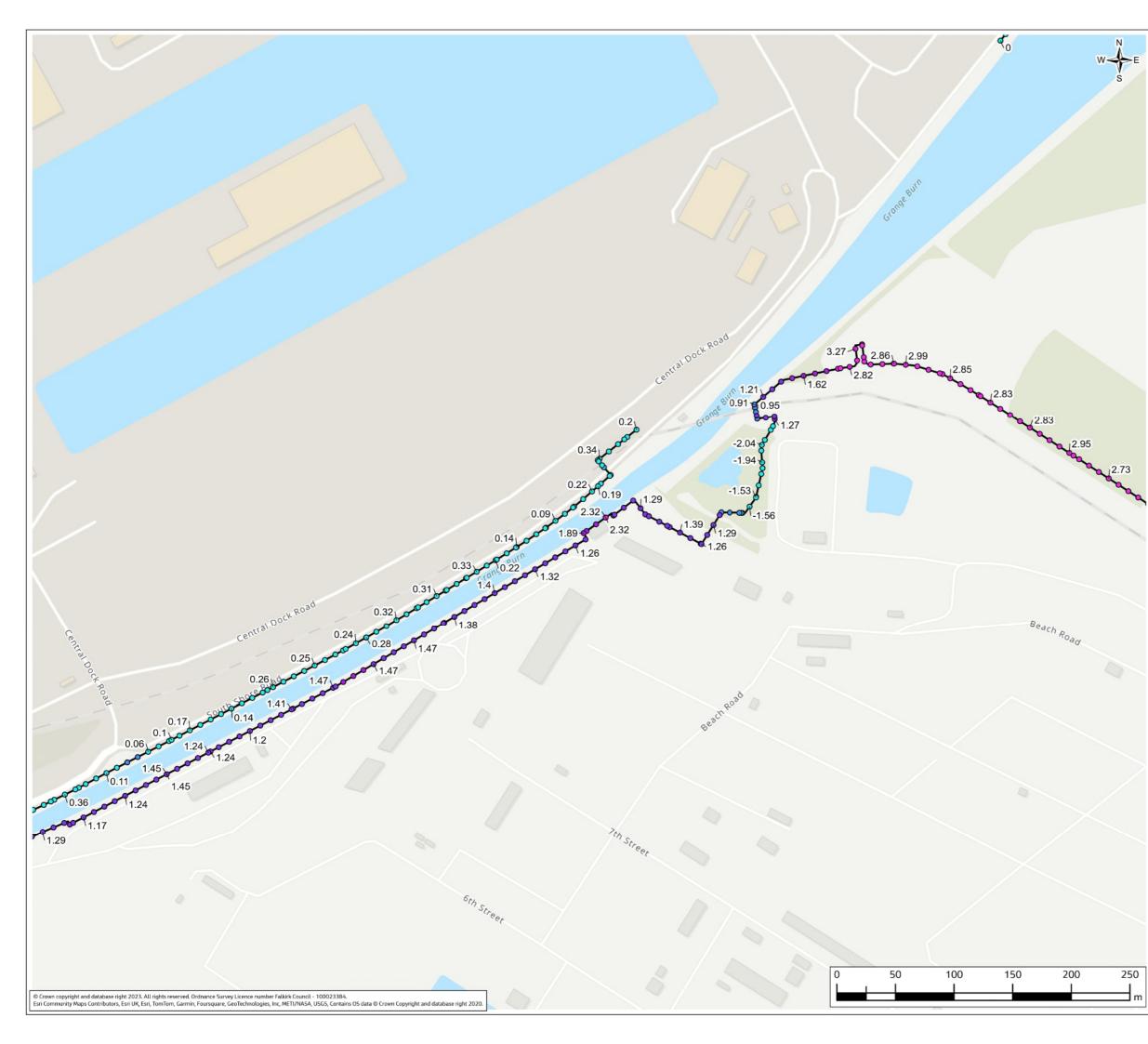




Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels

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Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels

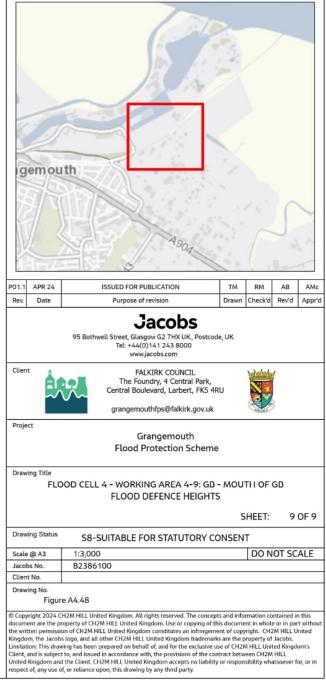
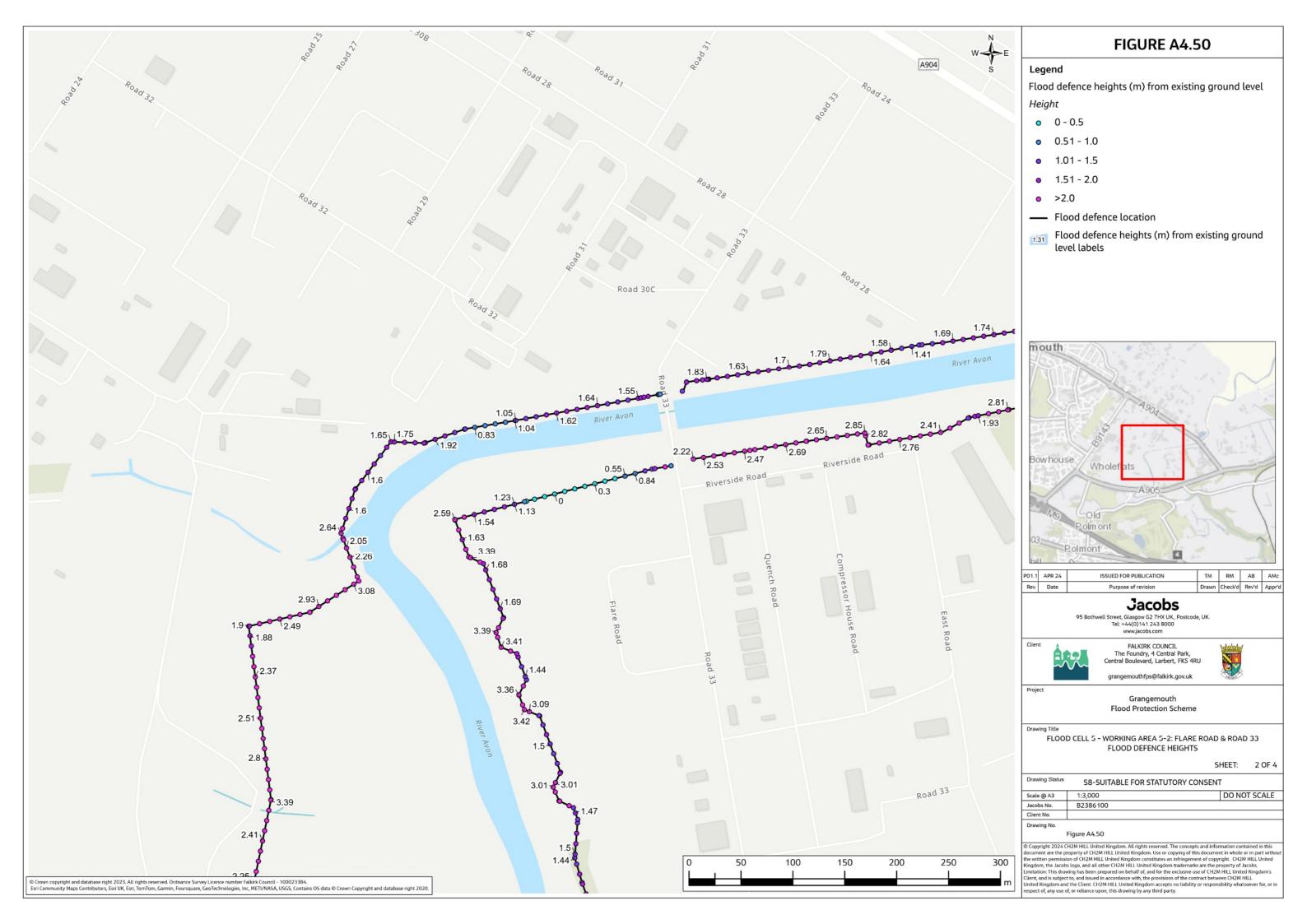


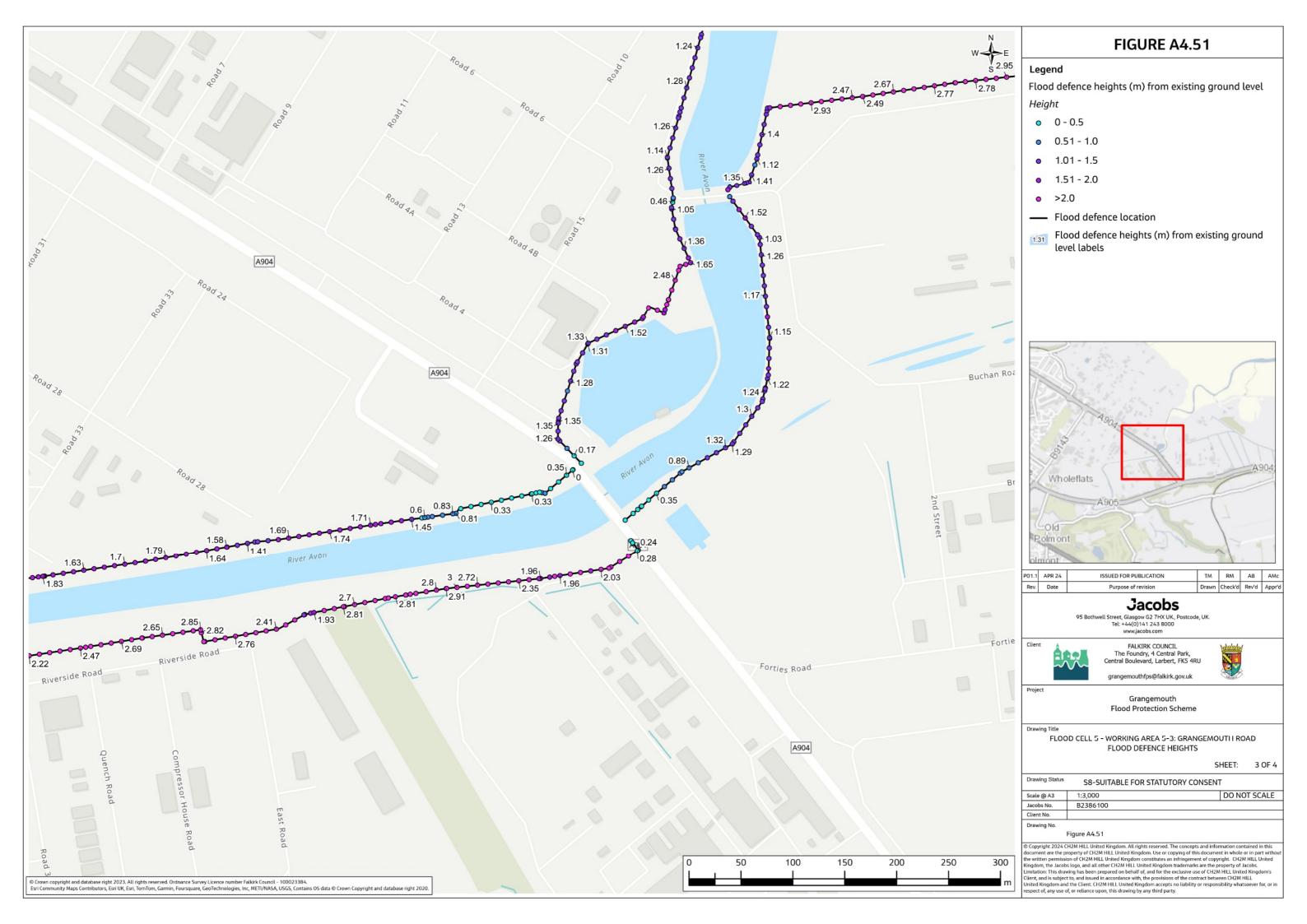


FIGURE A4.49 Legend Flood defence heights (m) from existing ground level *Height*

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels







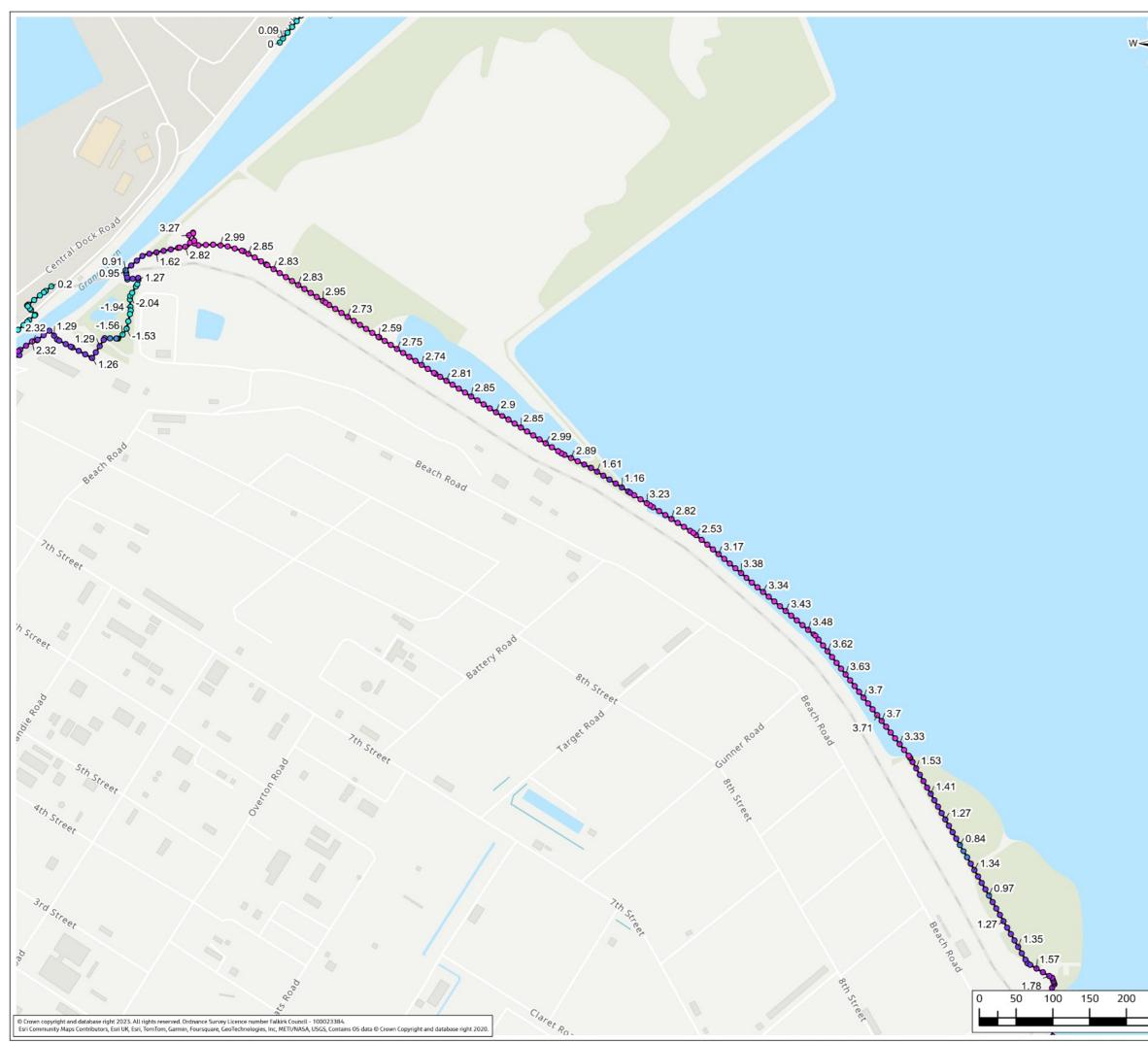




Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels

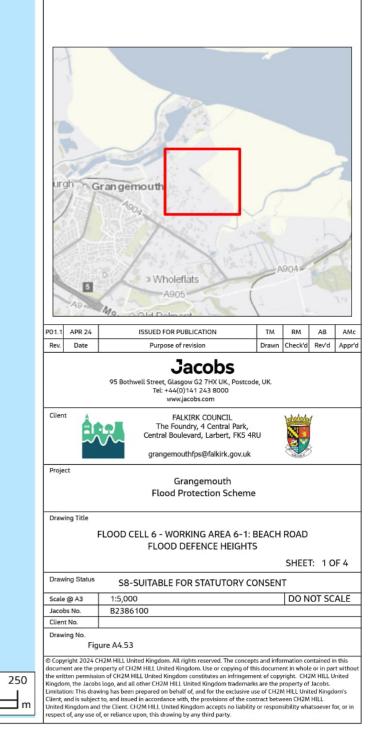






Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels

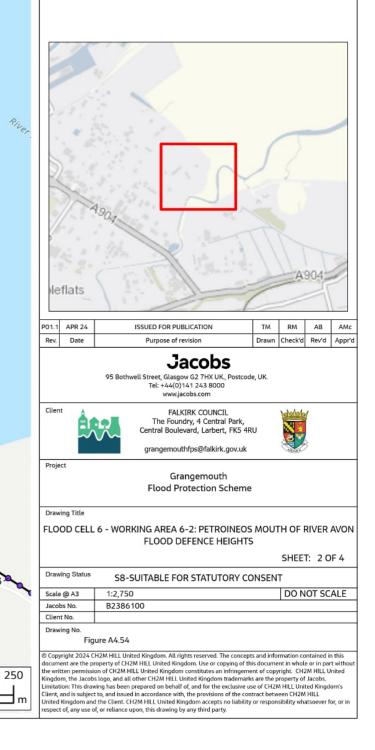


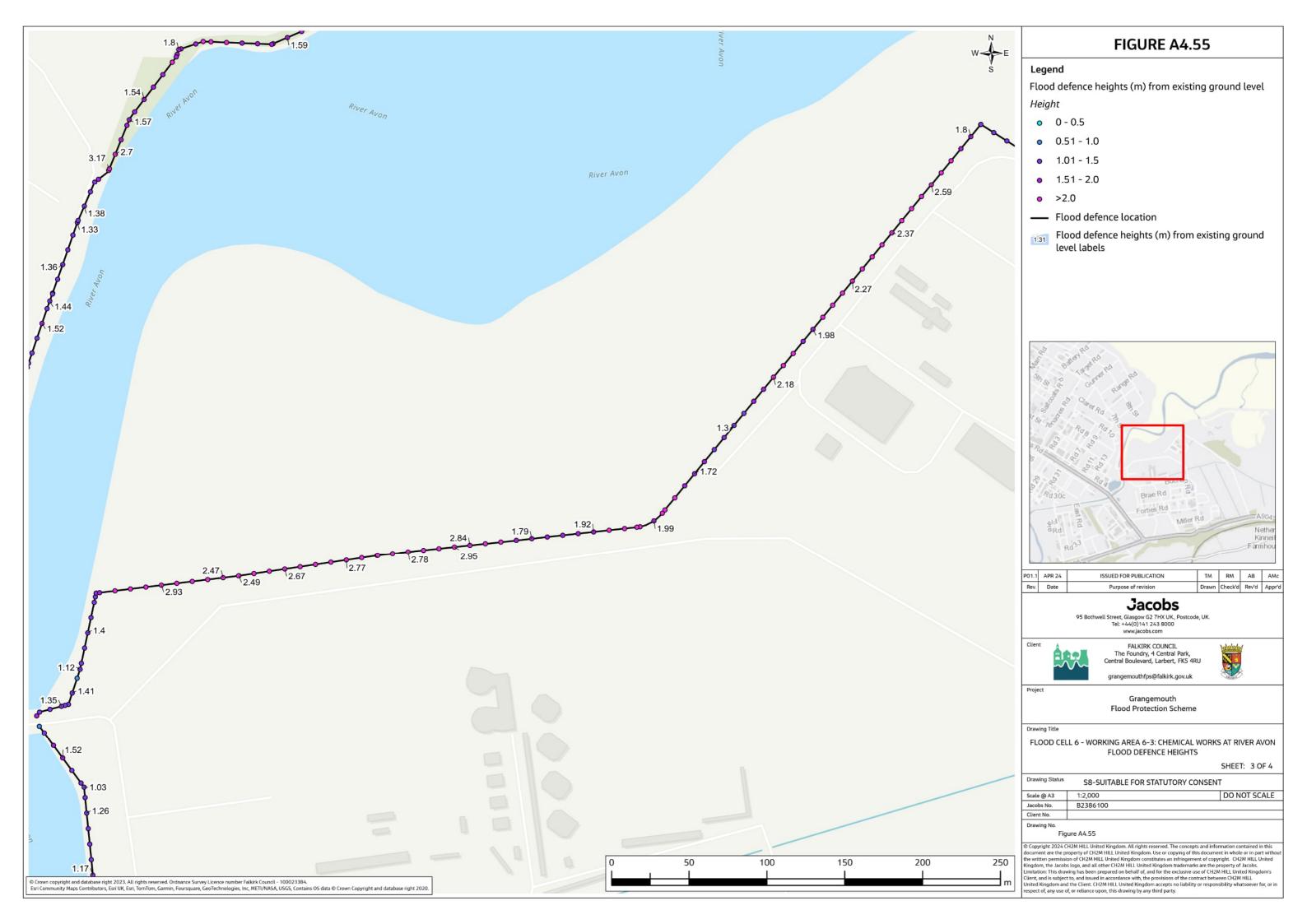




Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- 1.31 Flood defence heights (m) from existing ground level labels







W S E

FIGURE A4.56

Legend

- 0-0.5
- 0.51 1.0
- 1.01 1.5
- 1.51 2.0
- >2.0
- Flood defence location
- Flood defence heights (m) from existing ground level labels

