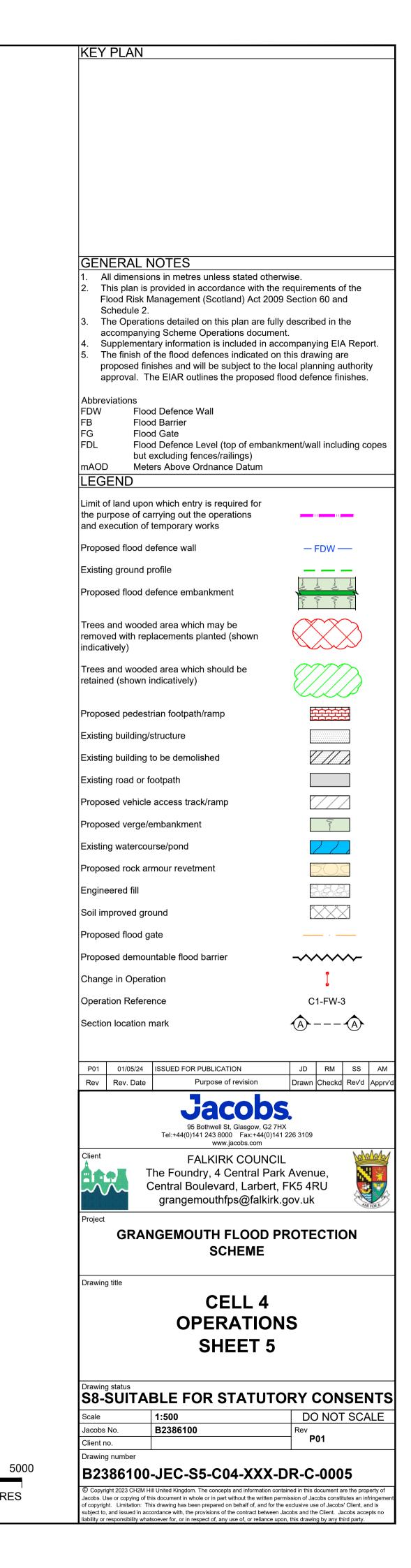


SECTION C-C

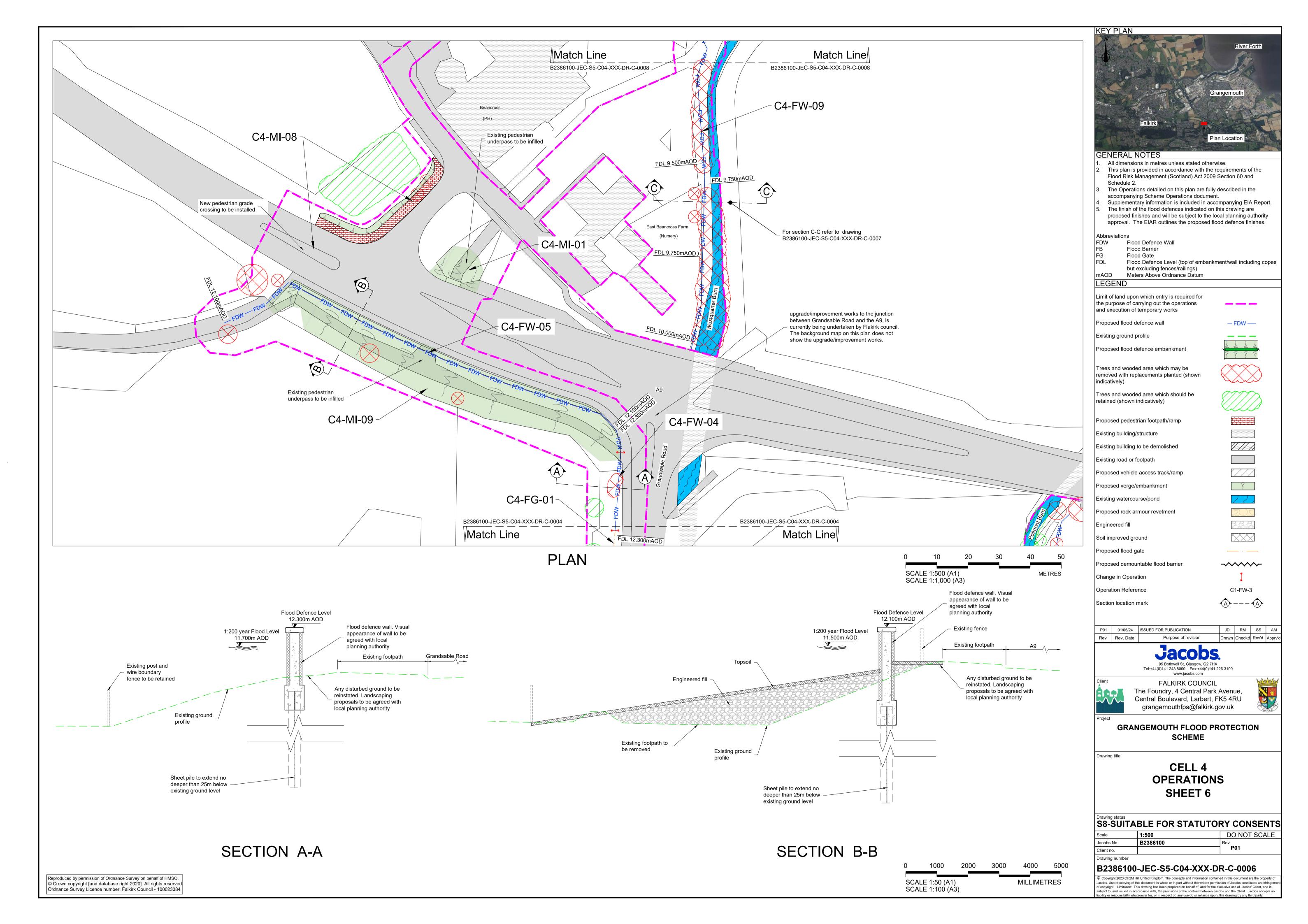


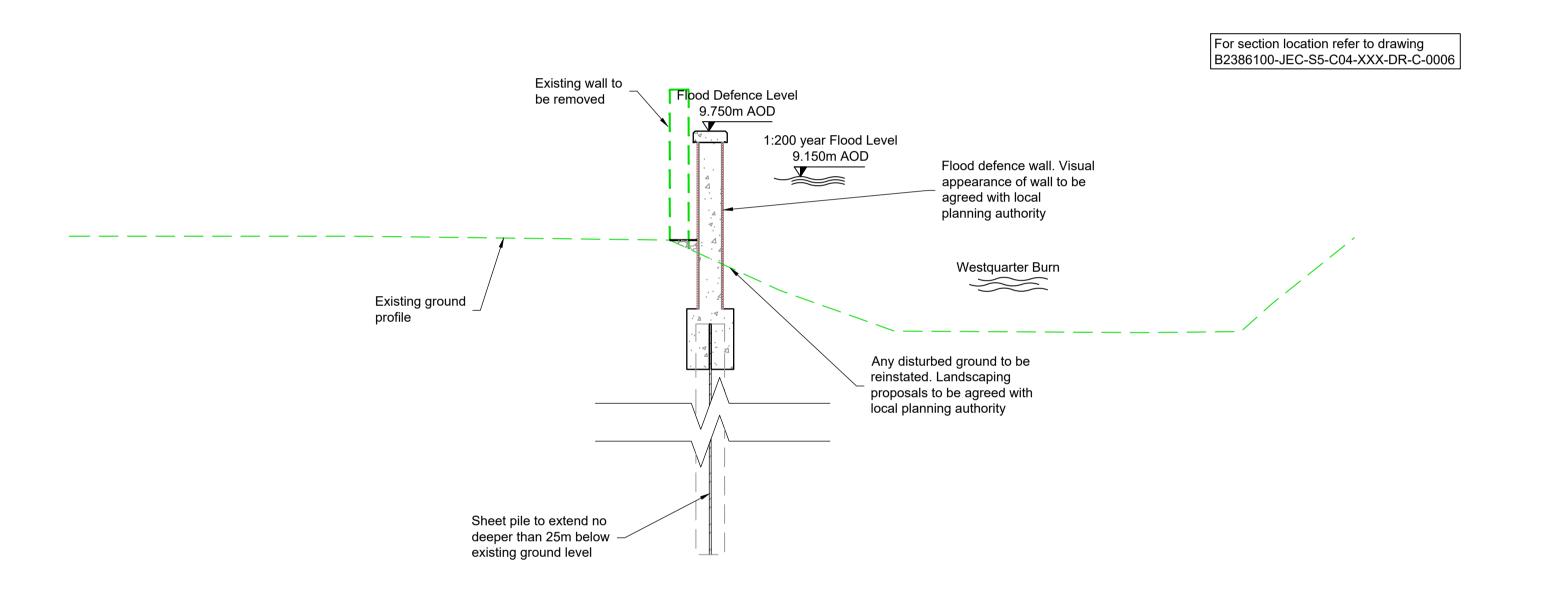
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MILLIMETRES





SECTION C-C

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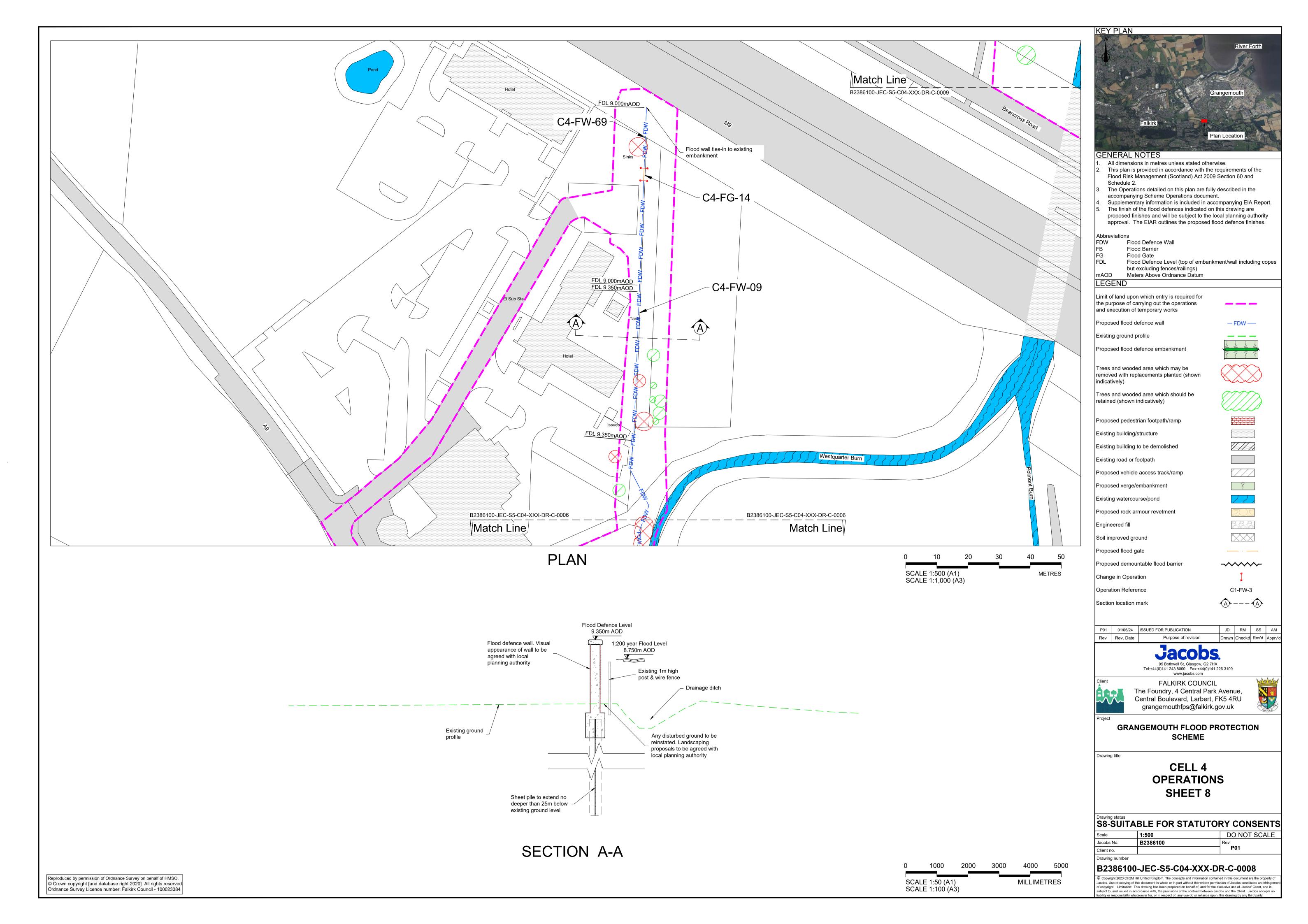
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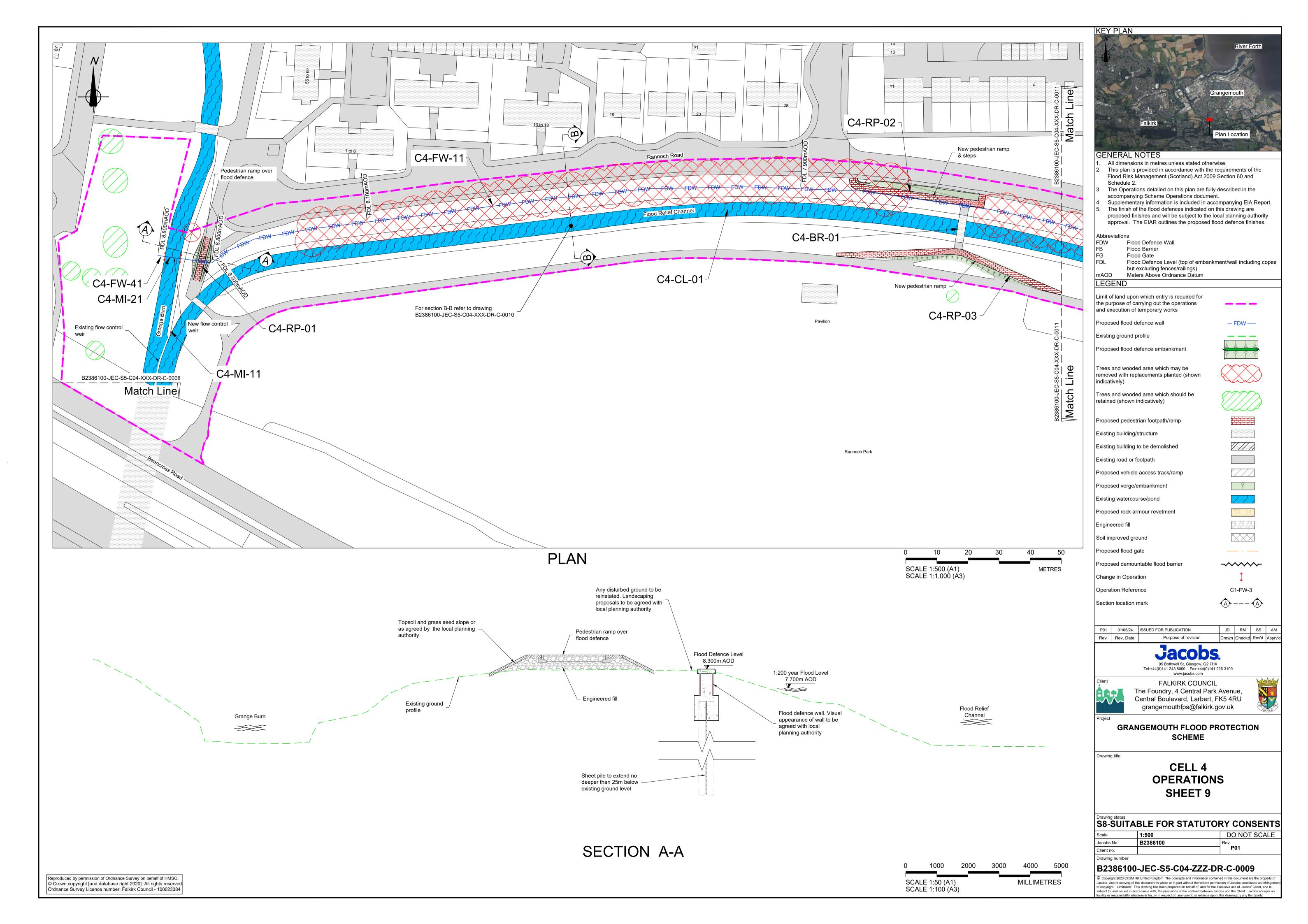
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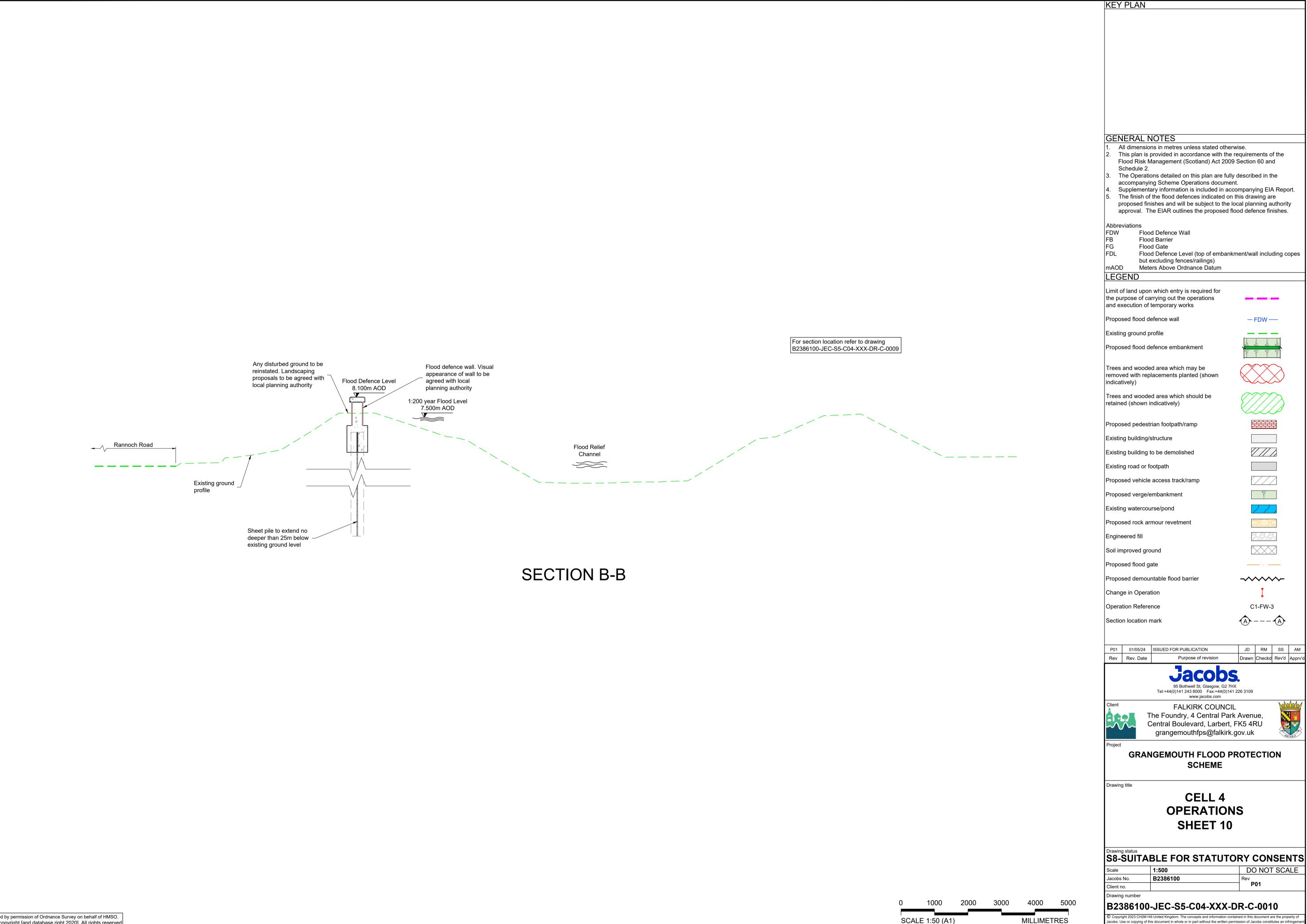
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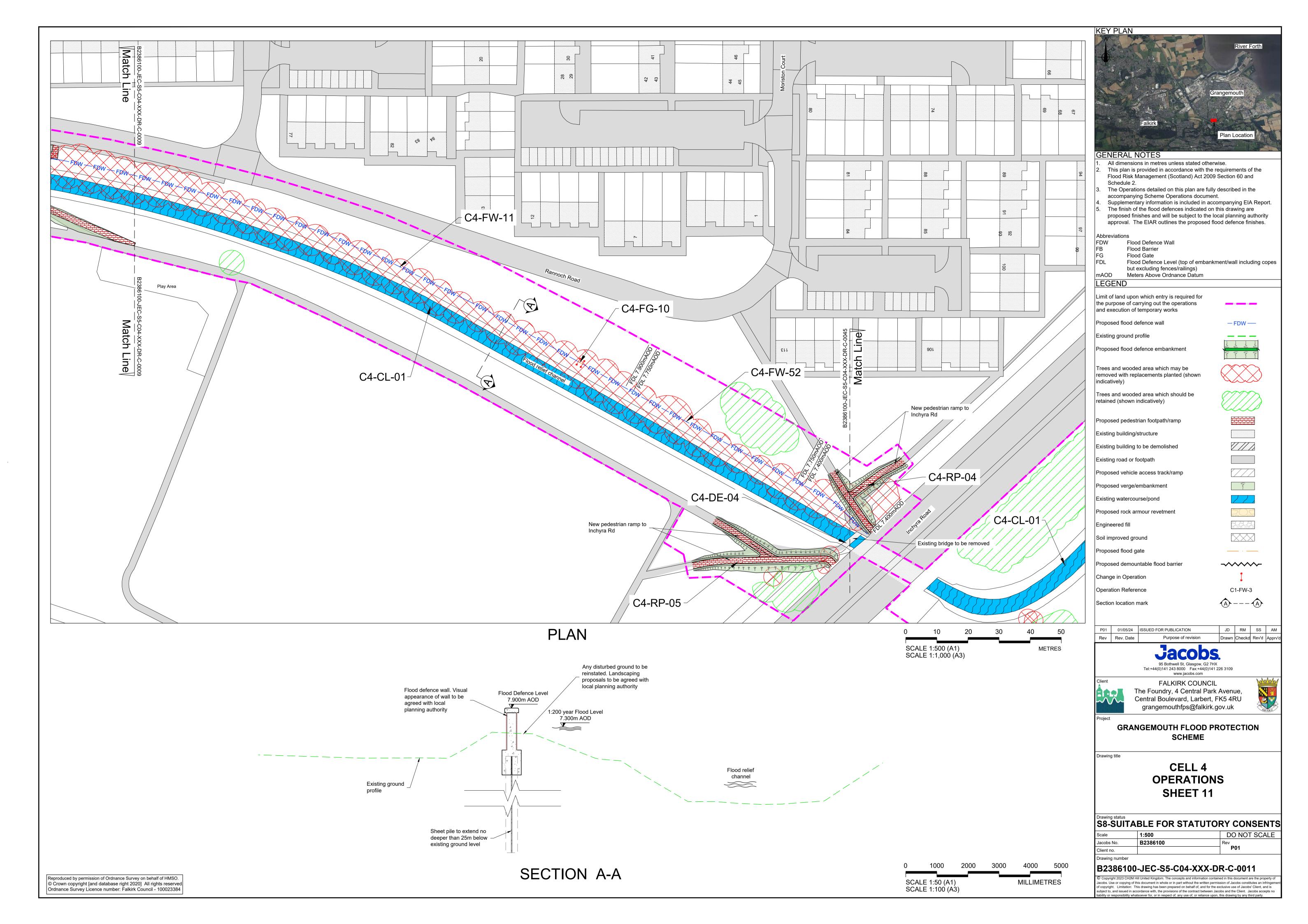
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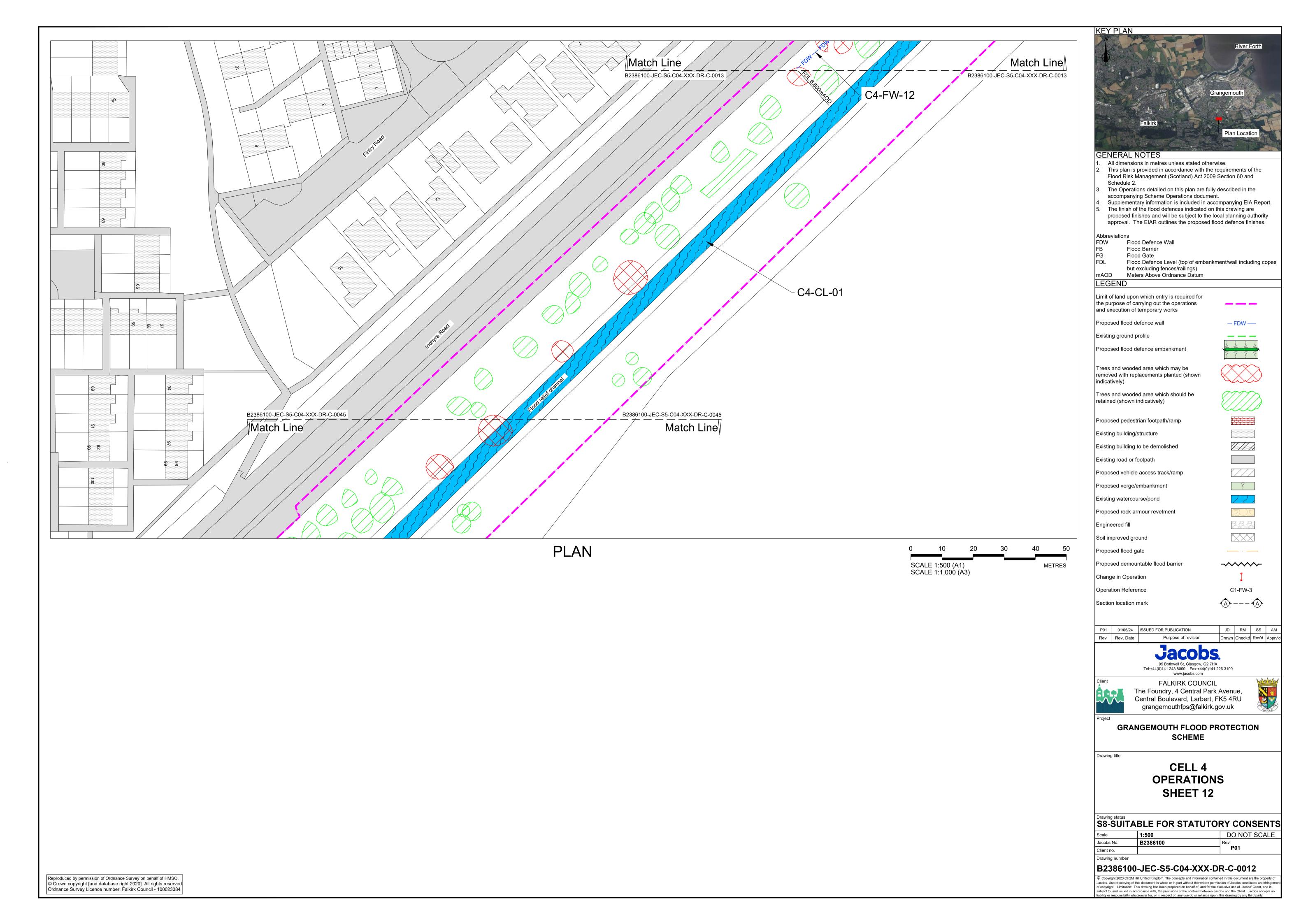
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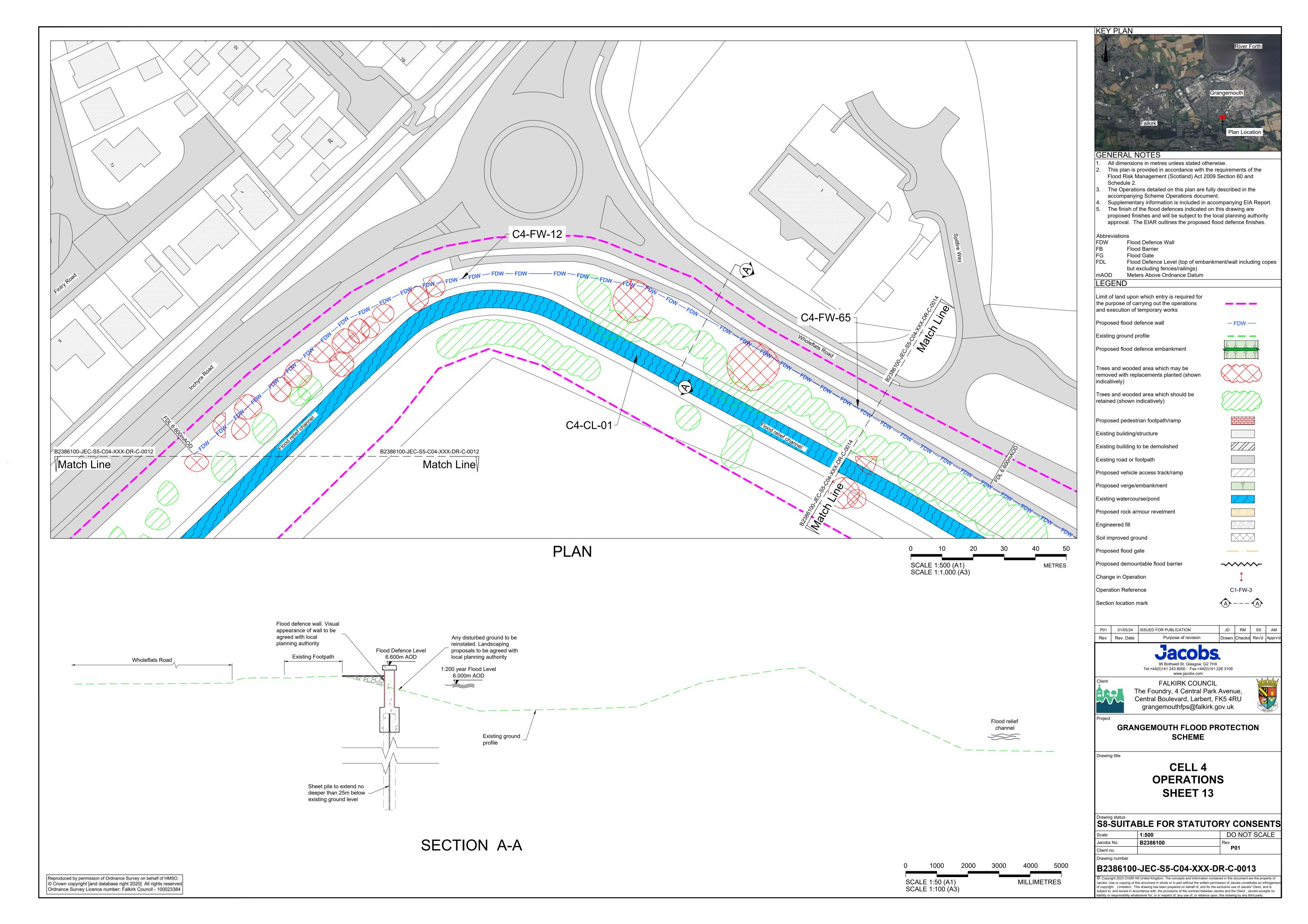
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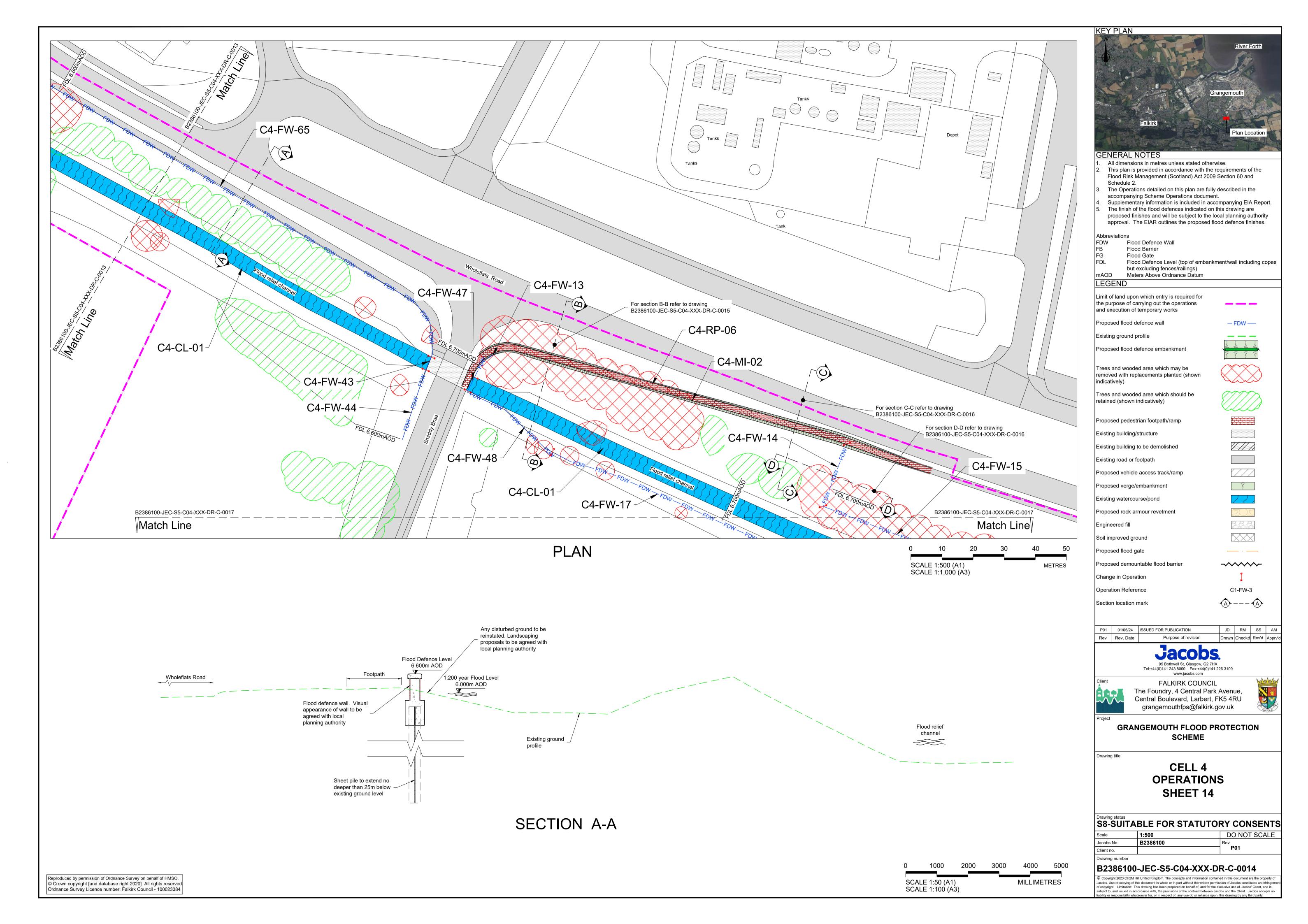
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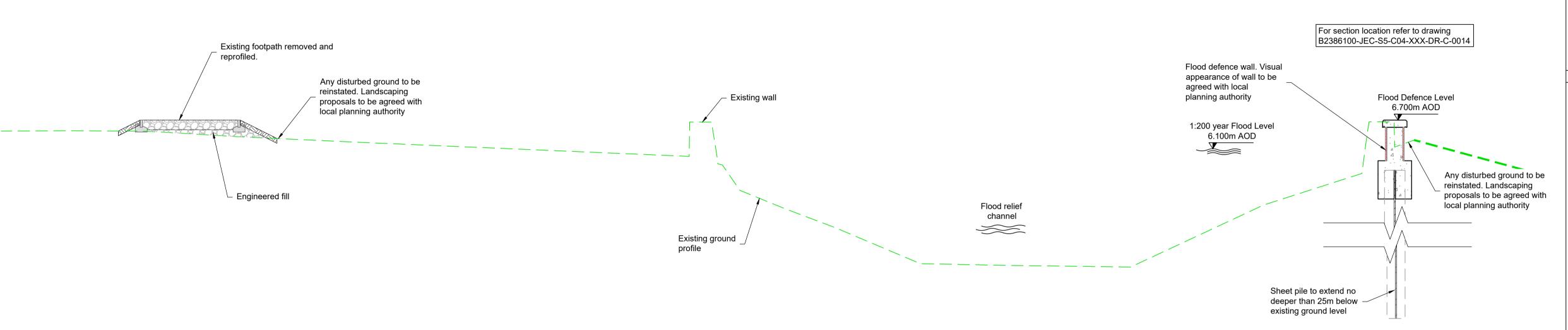
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SECTION B-B

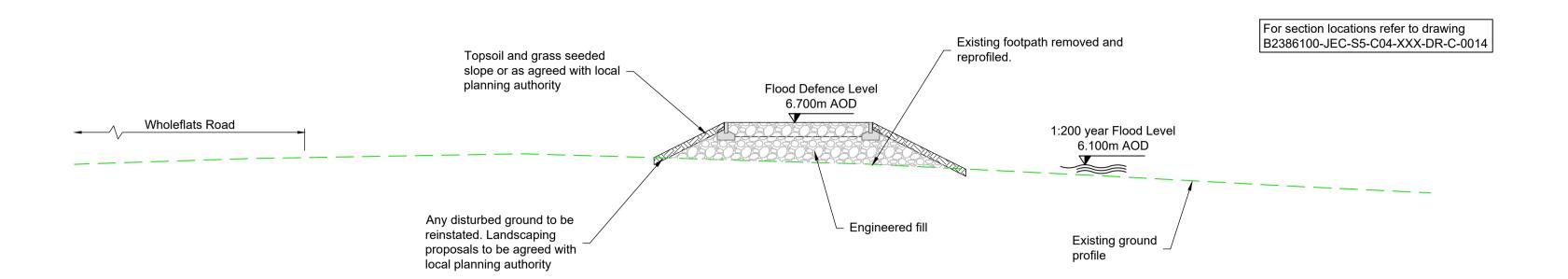
GENERAL NOTES All dimensions in metres unless stated otherwise. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2. The Operations detailed on this plan are fully described in the accompanying Scheme Operations document. Supplementary information is included in accompanying EIA Report. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIAR outlines the proposed flood defence finishes. FDW Flood Defence Wall Flood Barrier Flood Gate Flood Defence Level (top of embankment/wall including copes but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for the purpose of carrying out the operations and execution of temporary works Proposed flood defence wall — FDW — Existing ground profile ____ Proposed flood defence embankment Trees and wooded area which may be removed with replacements planted (shown indicatively) Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Existing watercourse/pond Proposed rock armour revetment Engineered fill Soil improved ground Proposed flood gate Proposed demountable flood barrier **------**Change in Operation Operation Reference C1-FW-3 **A**---**A** Section location mark JD RM SS AM

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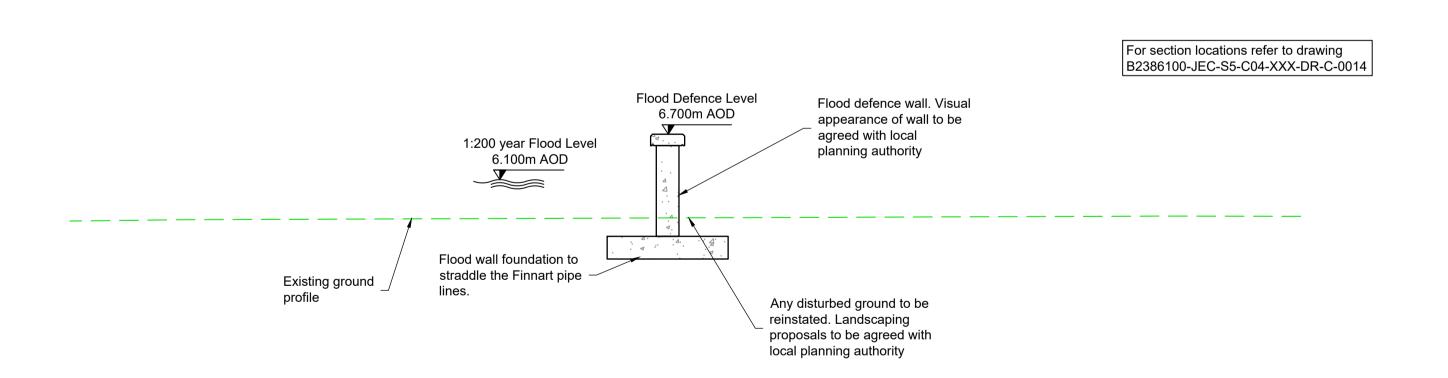
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SCALE 1:50 (A1) SCALE 1:100 (A3) KEY PLAN



SECTION C-C



SECTION D-D

FDW Flood Defence Wall Flood Barrier Flood Gate Flood Defence Level (top of embankment/wall including copes but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for the purpose of carrying out the operations and execution of temporary works Proposed flood defence wall Existing ground profile Proposed flood defence embankment Trees and wooded area which may be removed with replacements planted (shown indicatively) Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Existing watercourse/pond Proposed rock armour revetment Engineered fill Soil improved ground Proposed flood gate Proposed demountable flood barrier Change in Operation Operation Reference Section location mark P01 01/05/24 ISSUED FOR PUBLICATION Rev Rev. Date Drawing title 1:500 B2386100 Jacobs No. Client no. Drawing number 5000

KEY PLAN

GENERAL NOTES

Schedule 2.

All dimensions in metres unless stated otherwise.

accompanying Scheme Operations document.

This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and

The Operations detailed on this plan are fully described in the

The finish of the flood defences indicated on this drawing are

Supplementary information is included in accompanying EIA Report.

proposed finishes and will be subject to the local planning authority

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C1-FW-3

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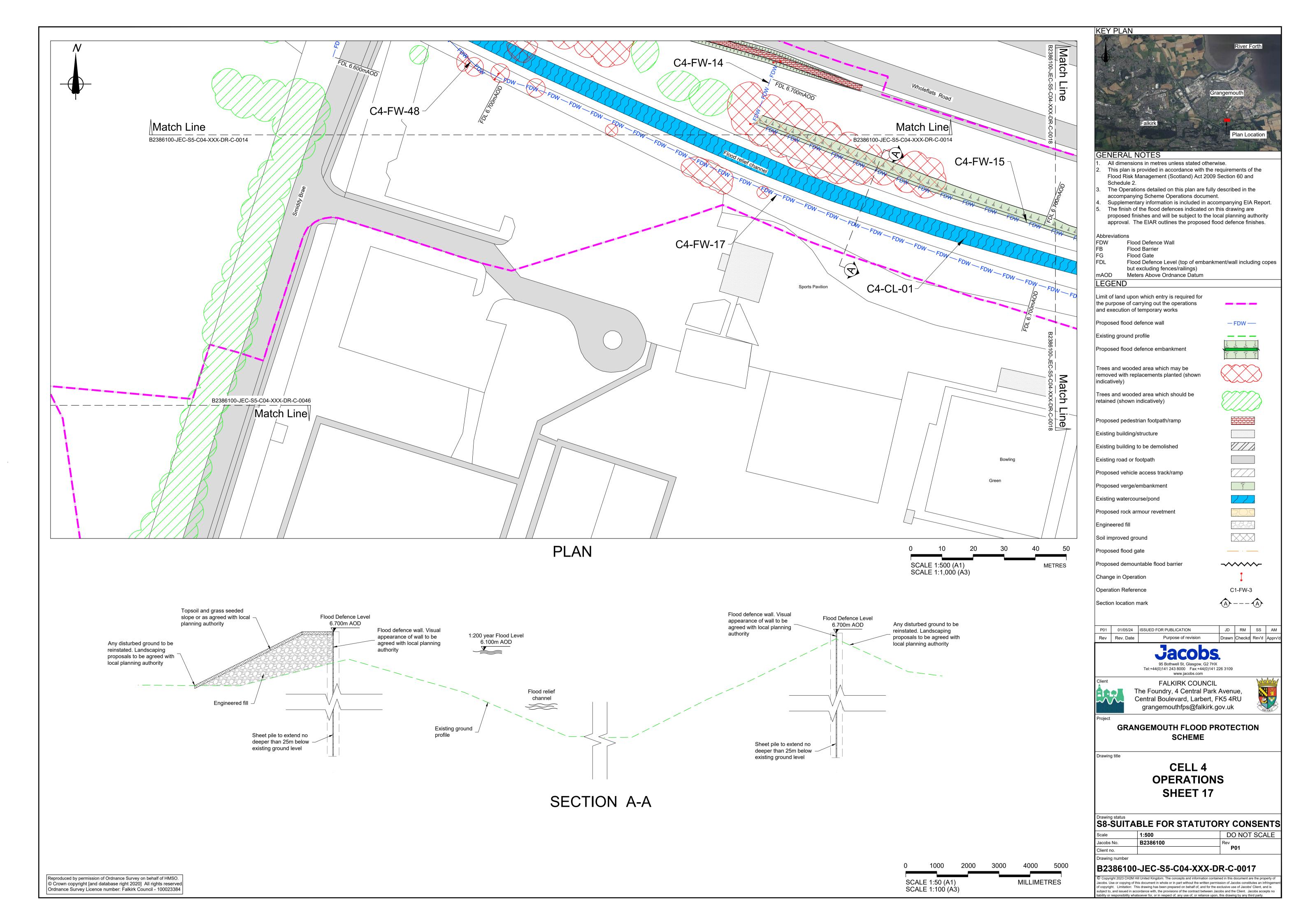
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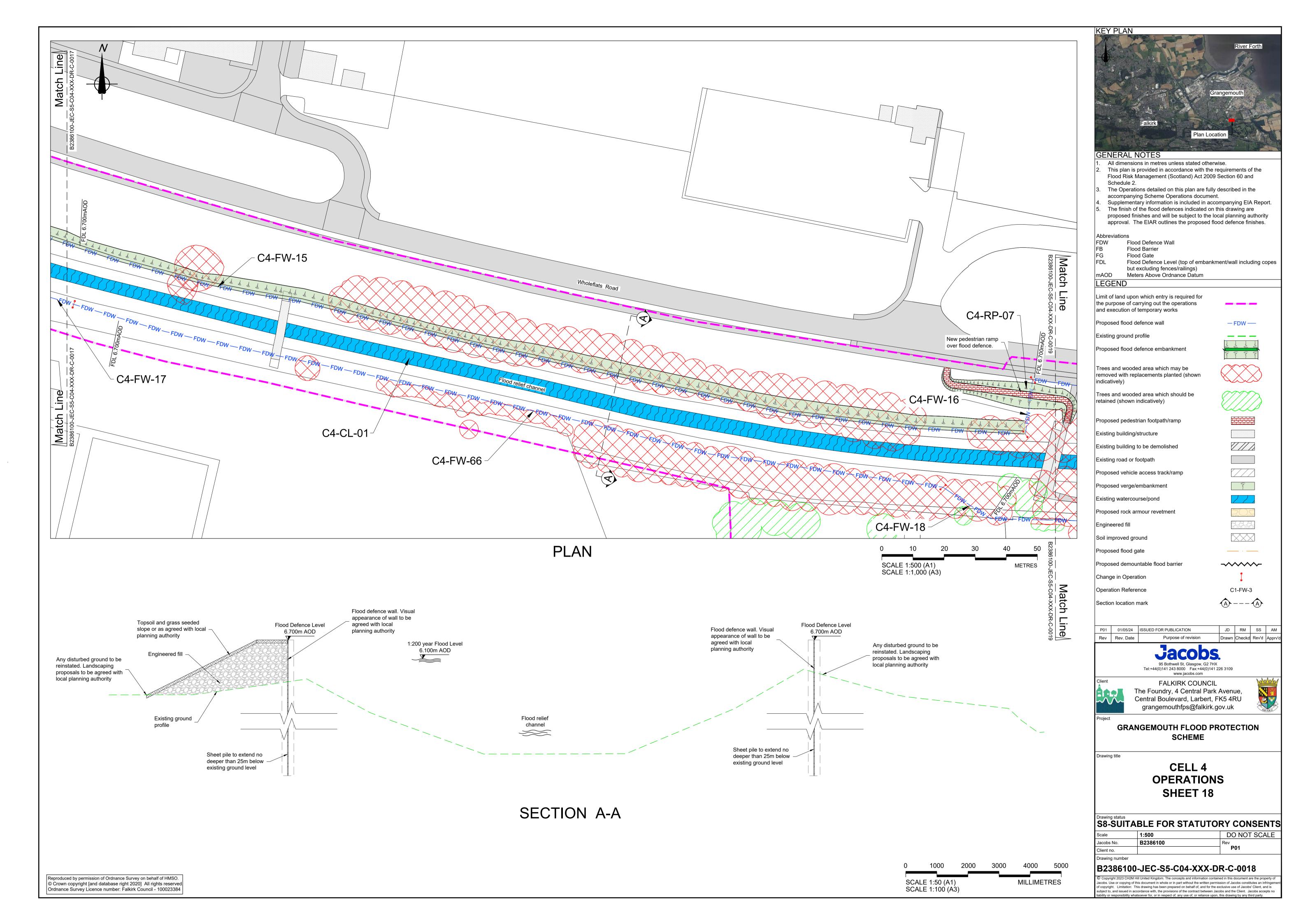
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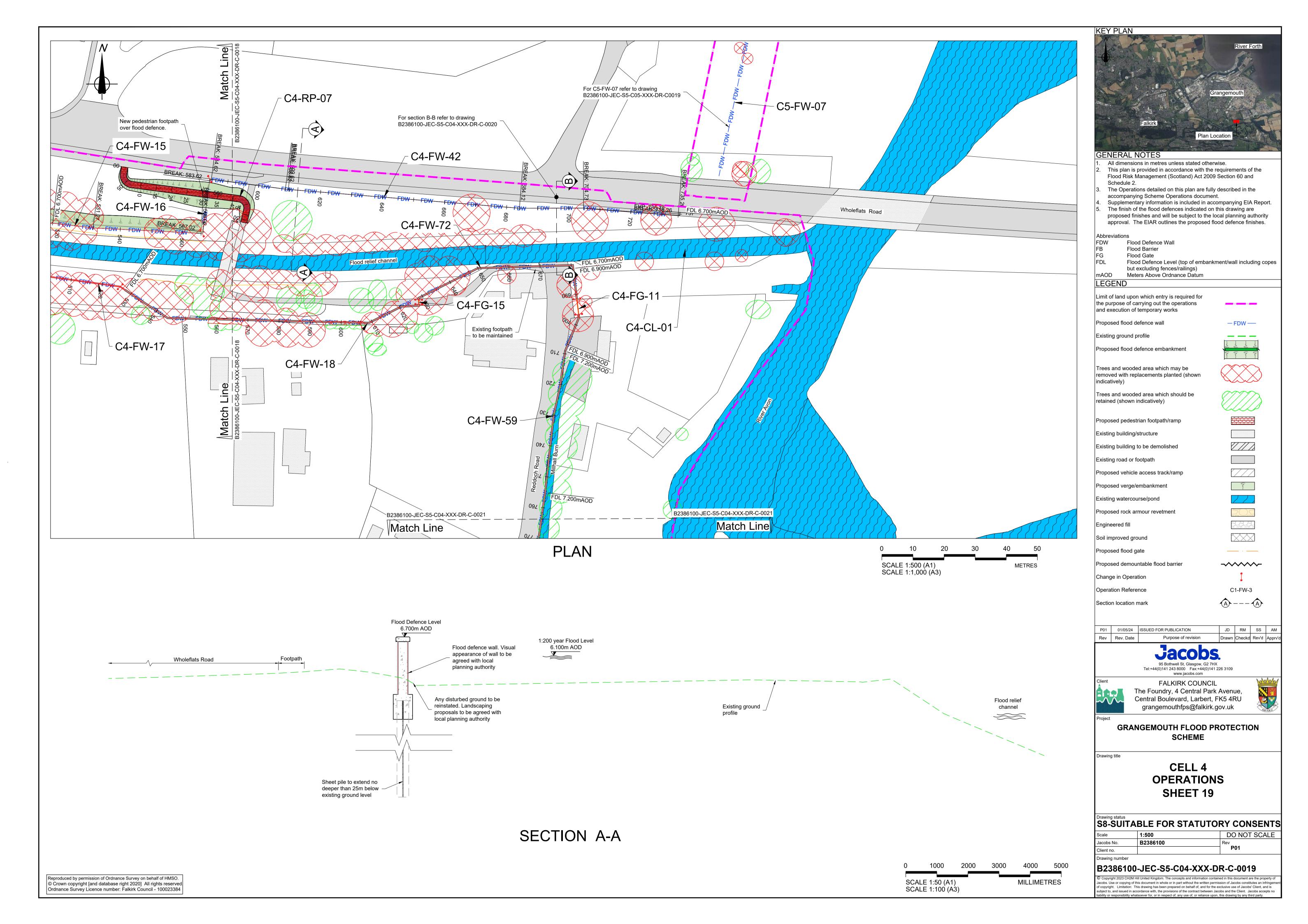
P01

approval. The EIAR outlines the proposed flood defence finishes.

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FDW LEGEND For section location refer to drawing B2386100-JEC-S5-C04-XXX-DR-C-0019 Flood Defence Level Flood Defence Level 6.700m AOD 6.700m AOD Flood defence wall. Visual 1:200 year Flood Level 6.100m AOD appearance of wall to be agreed with local Wholeflats Road Flood defence wall. Visual planning authority indicatively) appearance of wall to be agreed with local planning authority Reddoch Road footpath Existing bare sheet pile wall Any disturbed ground to be reinstated. Landscaping proposals to be agreed with local planning authority Any disturbed ground to be reinstated. Landscaping Flood relief proposals to be agreed with channel local planning authority Existing ground profile Sheet pile to extend no deeper than 25m below existing ground level Engineered fill Sheet pile to extend no Soil improved ground deeper than 25m below existing ground level Proposed flood gate Change in Operation Operation Reference Section location mark SECTION B-B Rev Rev. Date Drawing title Jacobs No.

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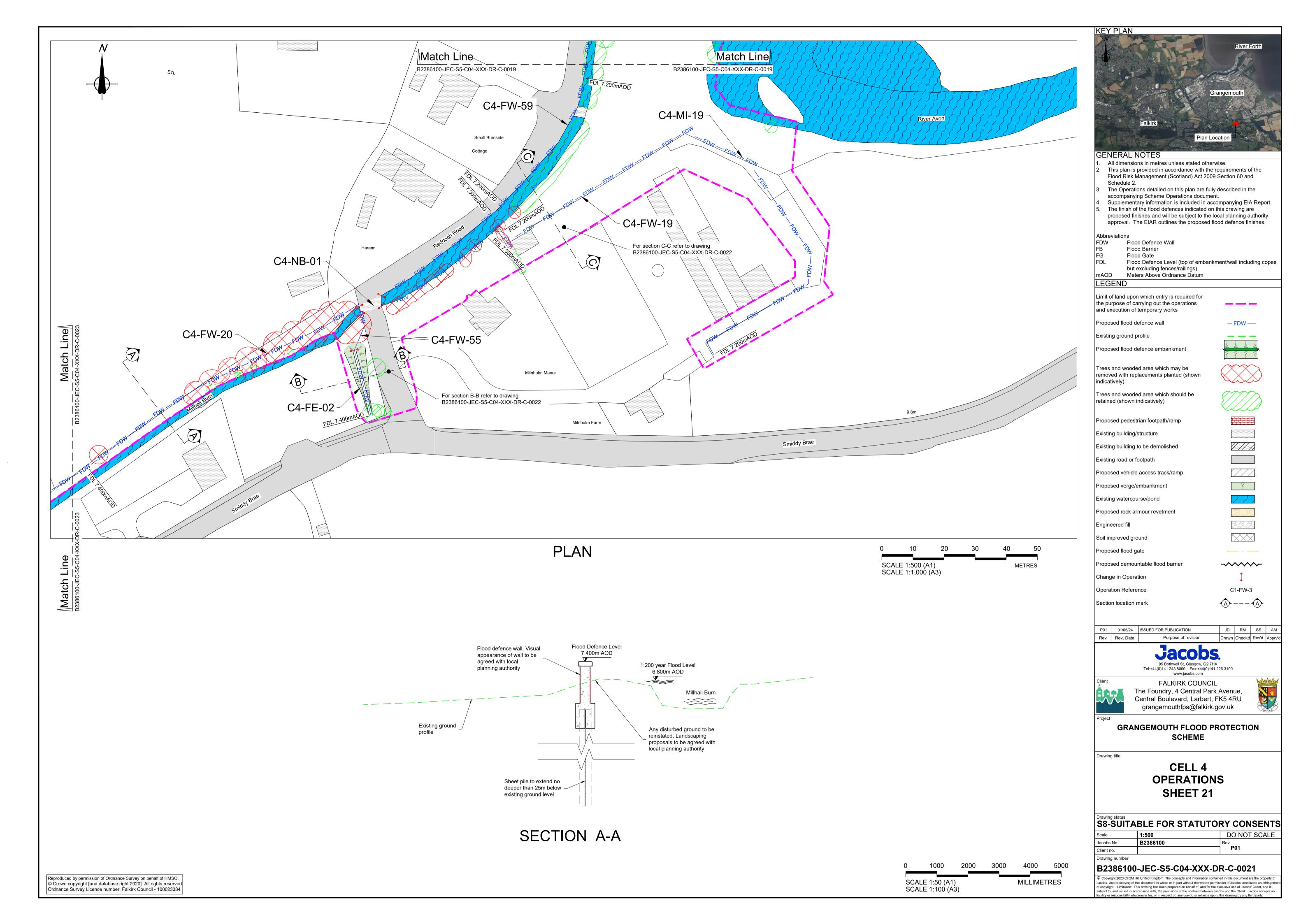
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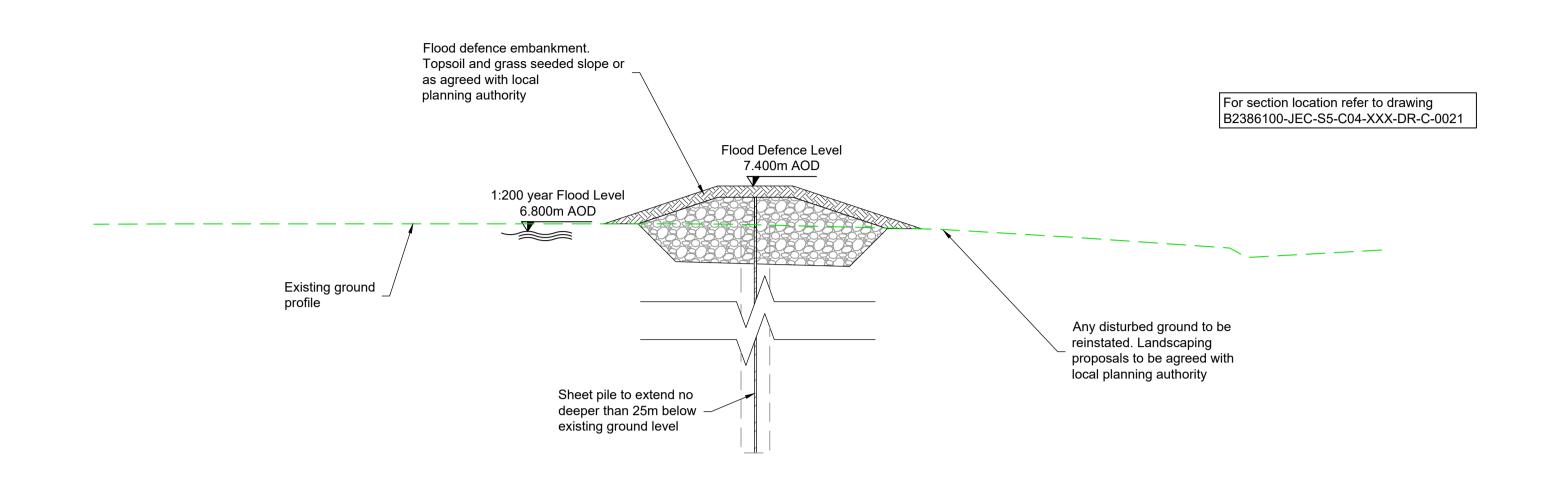
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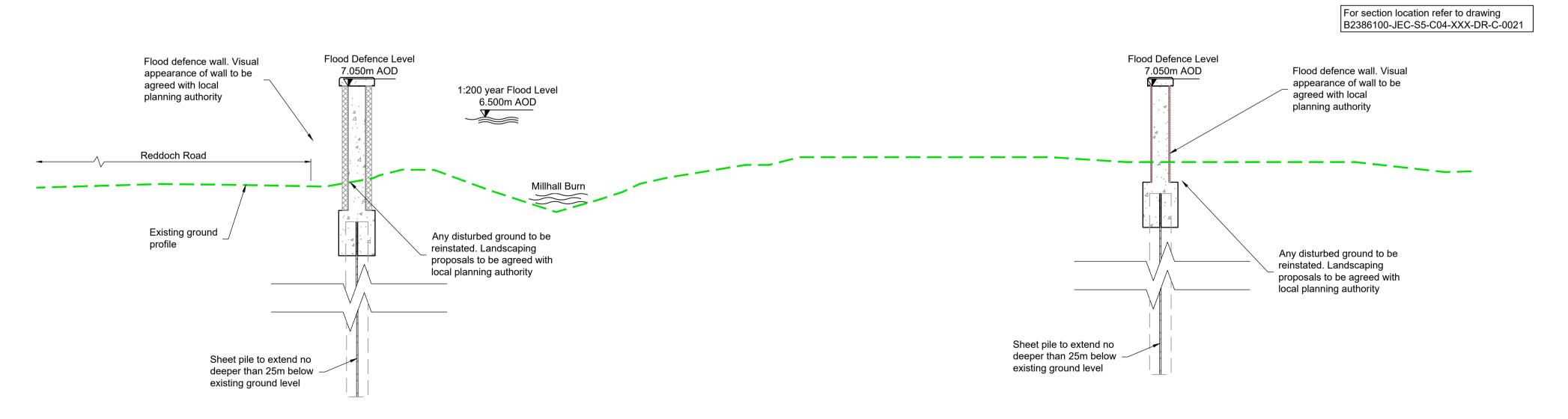
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KEY PLAN





SECTION B-B



SECTION C-C

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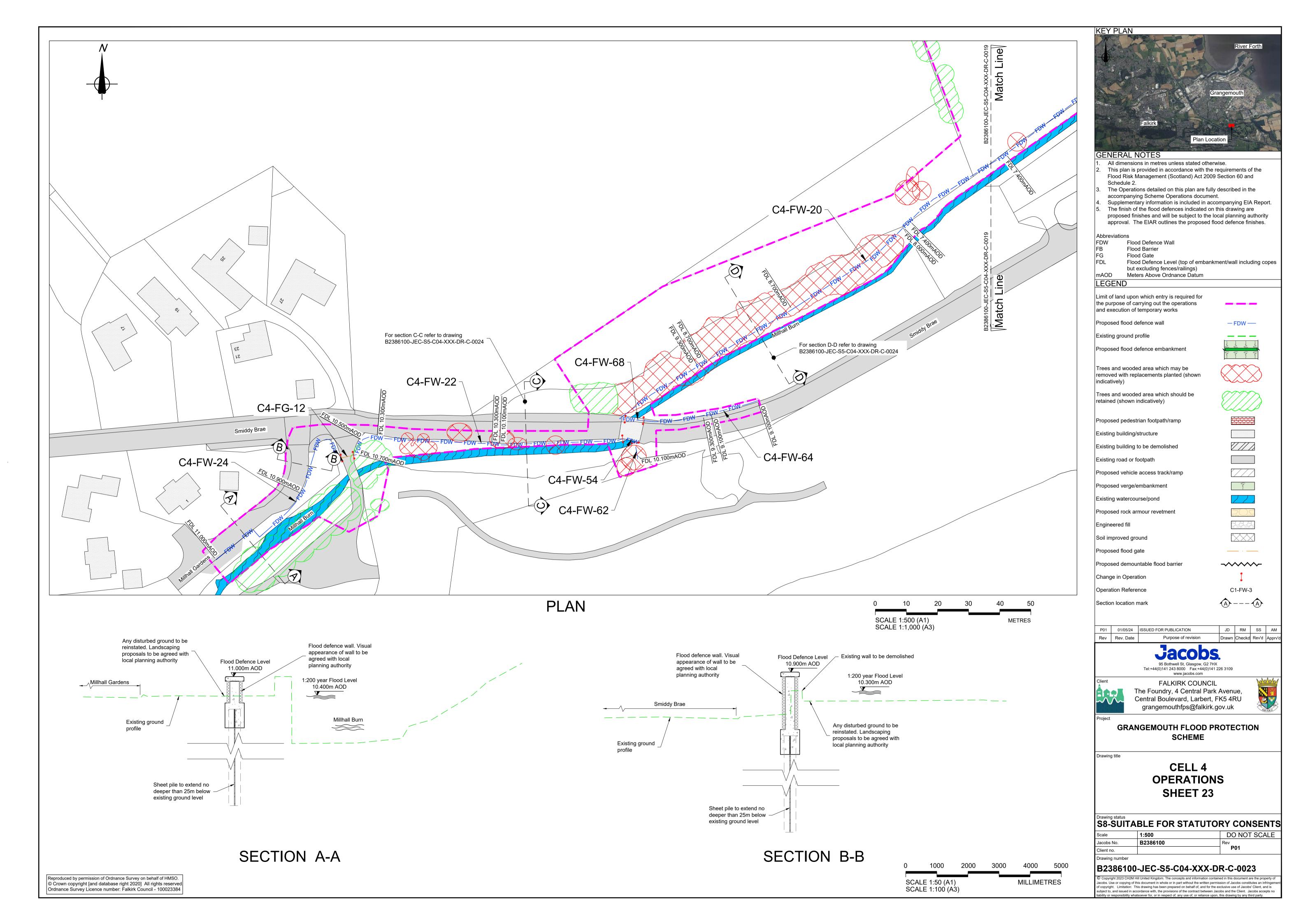
KEY PLAN **GENERAL NOTES** All dimensions in metres unless stated otherwise. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2. The Operations detailed on this plan are fully described in the accompanying Scheme Operations document. Supplementary information is included in accompanying EIA Report. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIAR outlines the proposed flood defence finishes. FDW Flood Defence Wall Flood Barrier Flood Gate Flood Defence Level (top of embankment/wall including copes but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for the purpose of carrying out the operations and execution of temporary works Proposed flood defence wall — FDW — Existing ground profile ____ Proposed flood defence embankment Trees and wooded area which may be removed with replacements planted (shown indicatively) Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Existing watercourse/pond Proposed rock armour revetment Engineered fill Soil improved ground Proposed flood gate Proposed demountable flood barrier **------**Change in Operation Operation Reference C1-FW-3 **A**---**A** Section location mark P01 01/05/24 ISSUED FOR PUBLICATION JD RM SS AM Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Appro 95 Bothwell St, Glasgow, G2 7HX Tel:+44(0)141 243 8000 Fax:+44(0)141 226 3109 www.jacobs.com FALKIRK COUNCIL The Foundry, 4 Central Park Avenue, Central Boulevard, Larbert, FK5 4RU grangemouthfps@falkirk.gov.uk **GRANGEMOUTH FLOOD PROTECTION SCHEME** Drawing title CELL 4 **OPERATIONS**

SHEET 22

S8-SUITABLE FOR STATUTORY CONSENTS

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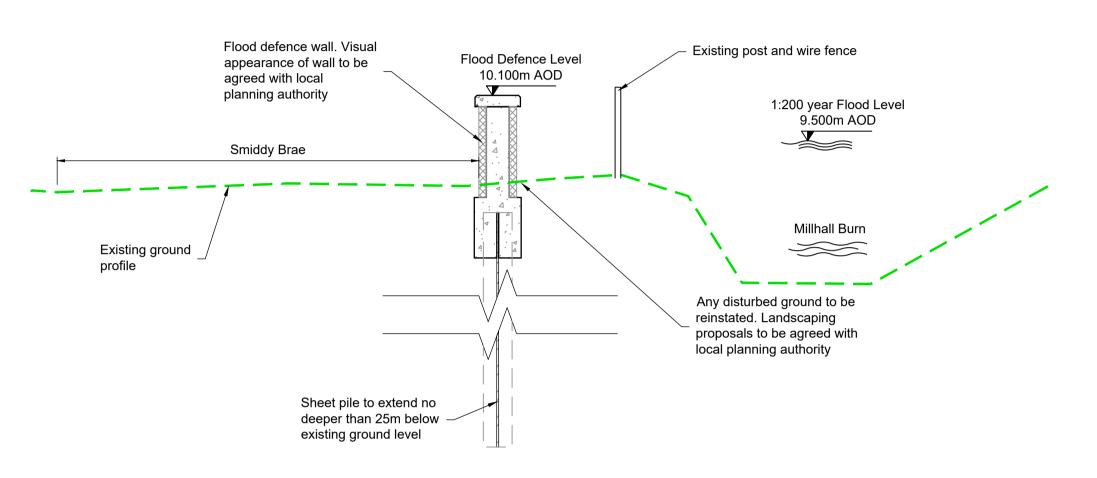
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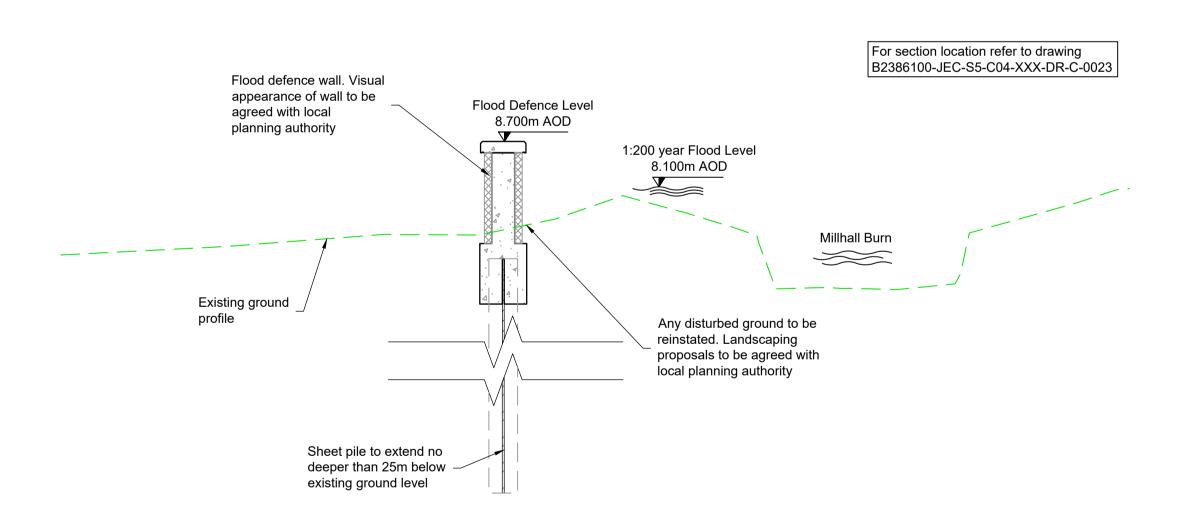
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SECTION C-C

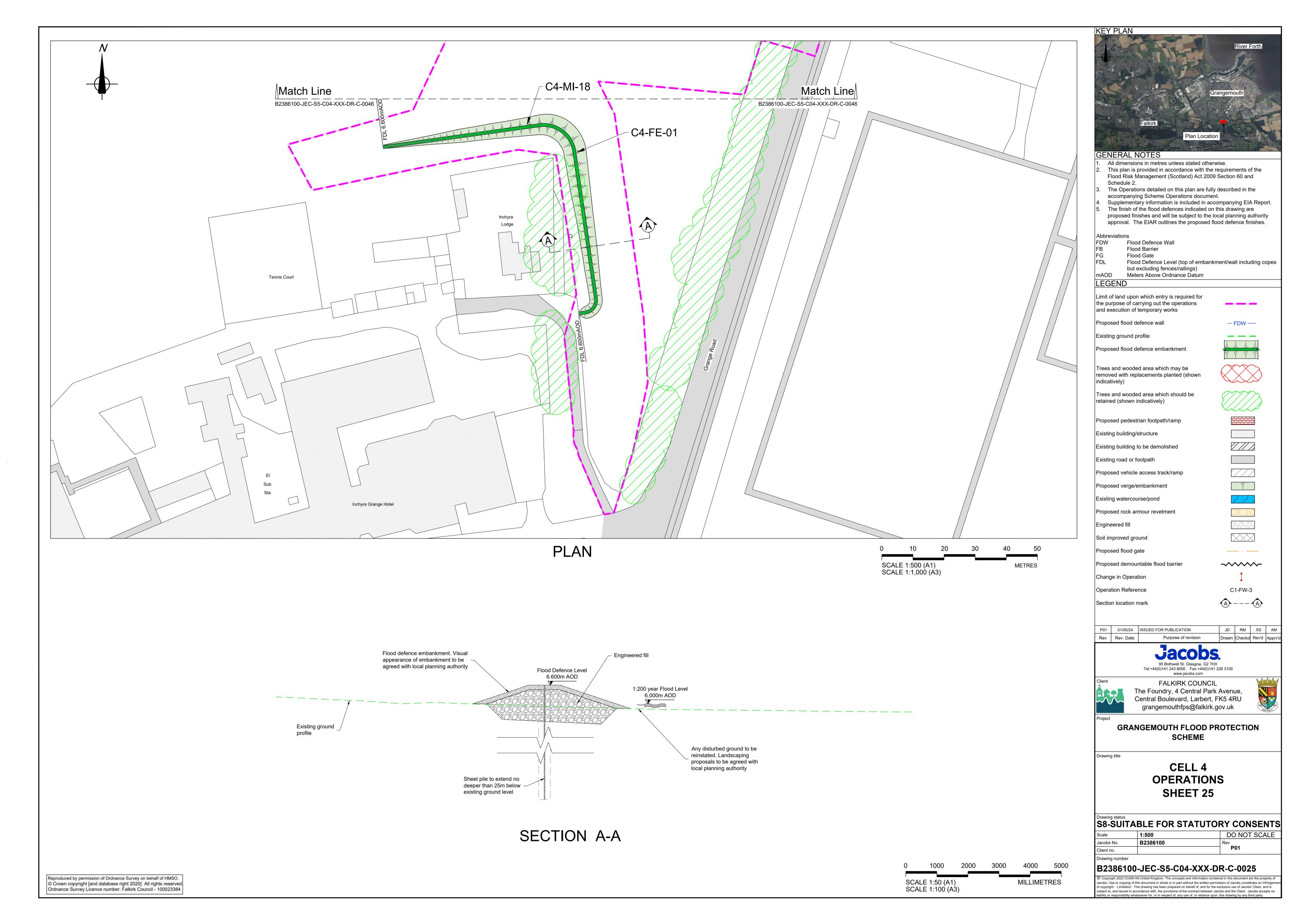


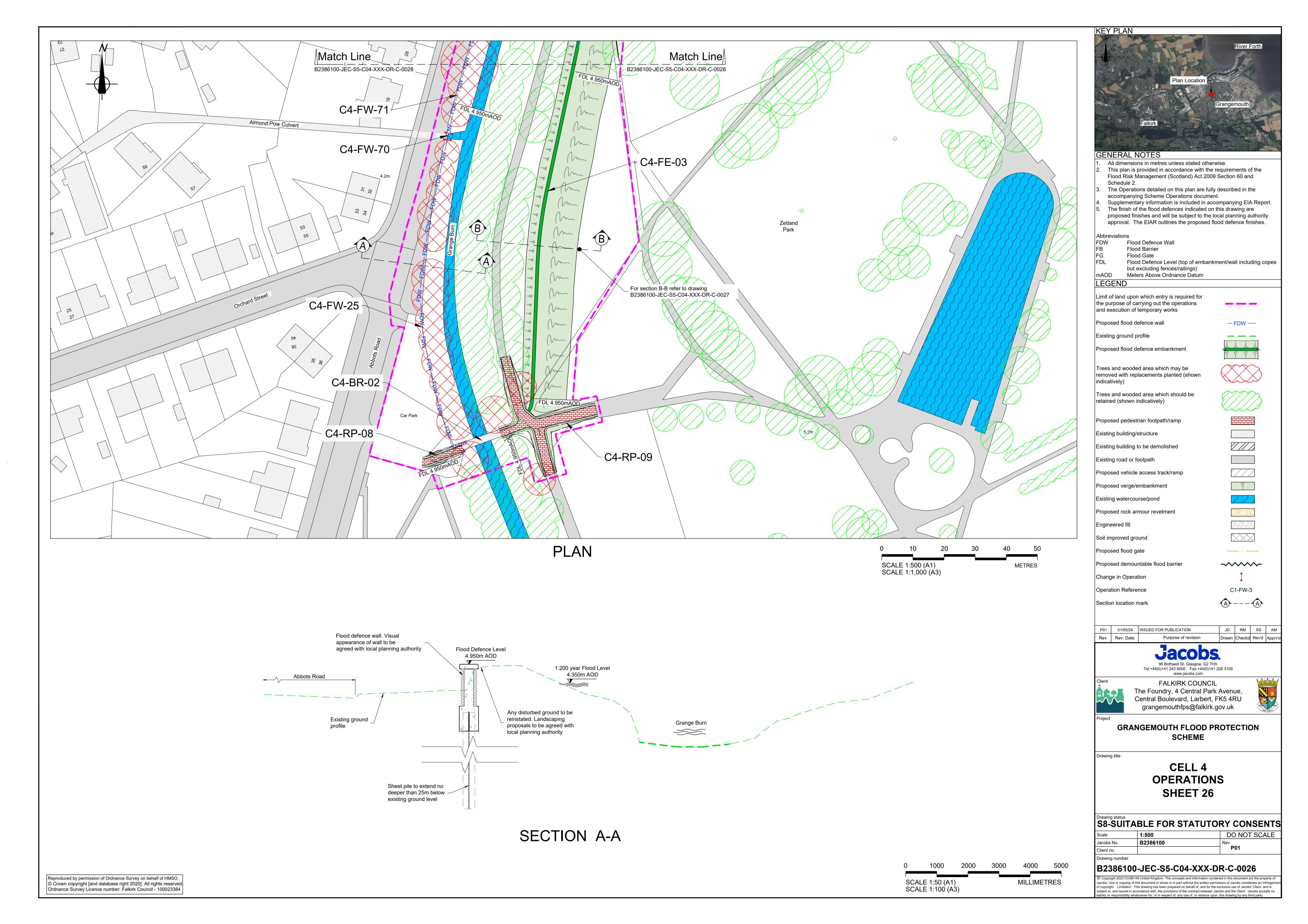
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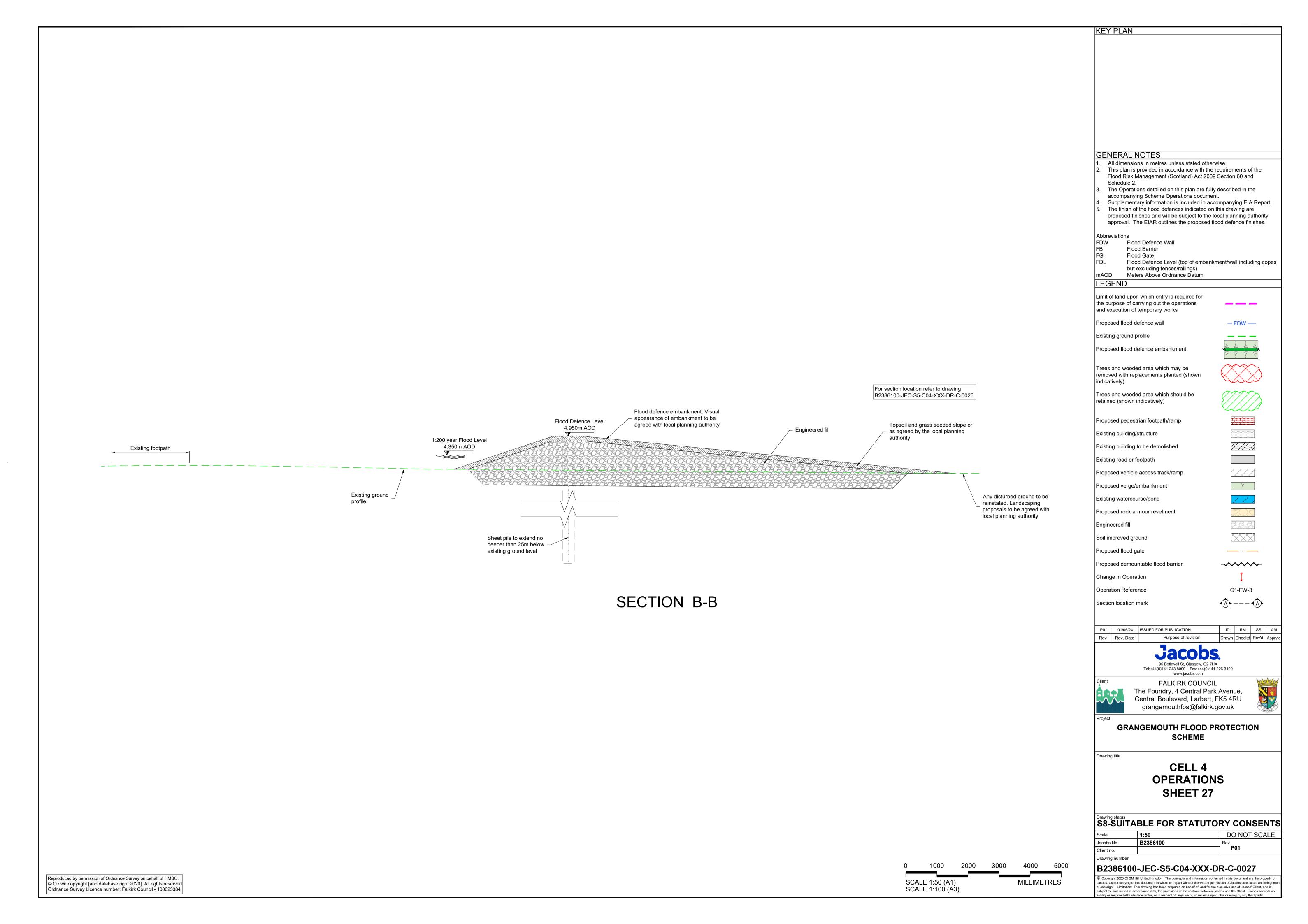
KEY PLAN GENERAL NOTES All dimensions in metres unless stated otherwise. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2. The Operations detailed on this plan are fully described in the accompanying Scheme Operations document. Supplementary information is included in accompanying EIA Report. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIAR outlines the proposed flood defence finishes. FDW Flood Defence Wall Flood Barrier Flood Gate Flood Defence Level (top of embankment/wall including copes but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for the purpose of carrying out the operations and execution of temporary works Proposed flood defence wall — FDW — Existing ground profile ____ Proposed flood defence embankment Trees and wooded area which may be removed with replacements planted (shown indicatively) Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Existing watercourse/pond Proposed rock armour revetment Engineered fill Soil improved ground Proposed flood gate Proposed demountable flood barrier **------**Change in Operation Operation Reference C1-FW-3 **A**---**A** Section location mark P01 01/05/24 ISSUED FOR PUBLICATION JD RM SS AM Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Apprv 95 Bothwell St, Glasgow, G2 7HX Tel:+44(0)141 243 8000 Fax:+44(0)141 226 3109 www.jacobs.com FALKIRK COUNCIL The Foundry, 4 Central Park Avenue, Central Boulevard, Larbert, FK5 4RU grangemouthfps@falkirk.gov.uk **GRANGEMOUTH FLOOD PROTECTION SCHEME** Drawing title CELL 4 **OPERATIONS** SHEET 24 S8-SUITABLE FOR STATUTORY CONSENTS DO NOT SCALE 1:500 B2386100 Jacobs No. P01 Client no. Drawing number B2386100-JEC-S5-C04-XXX-DR-C-0024

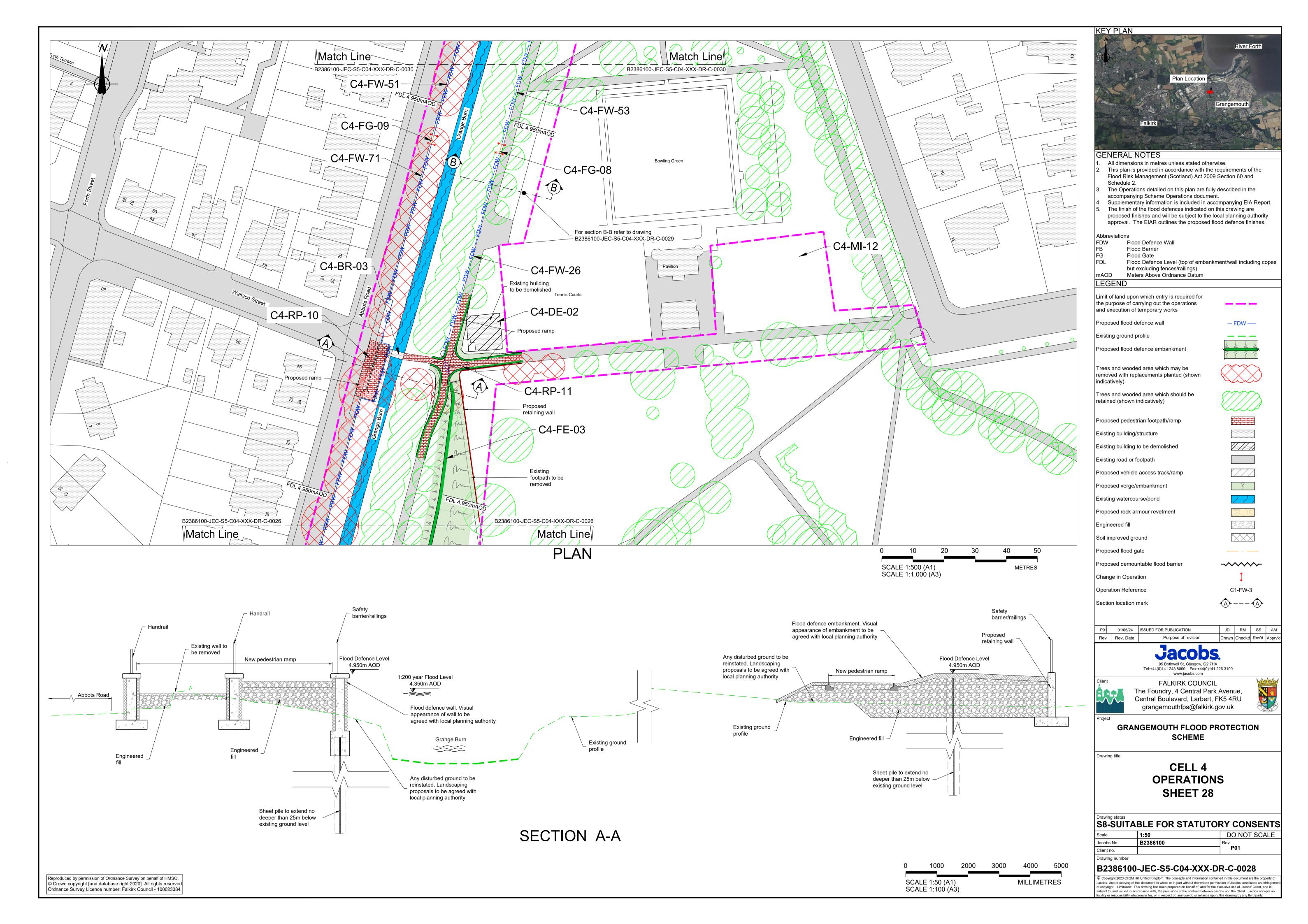
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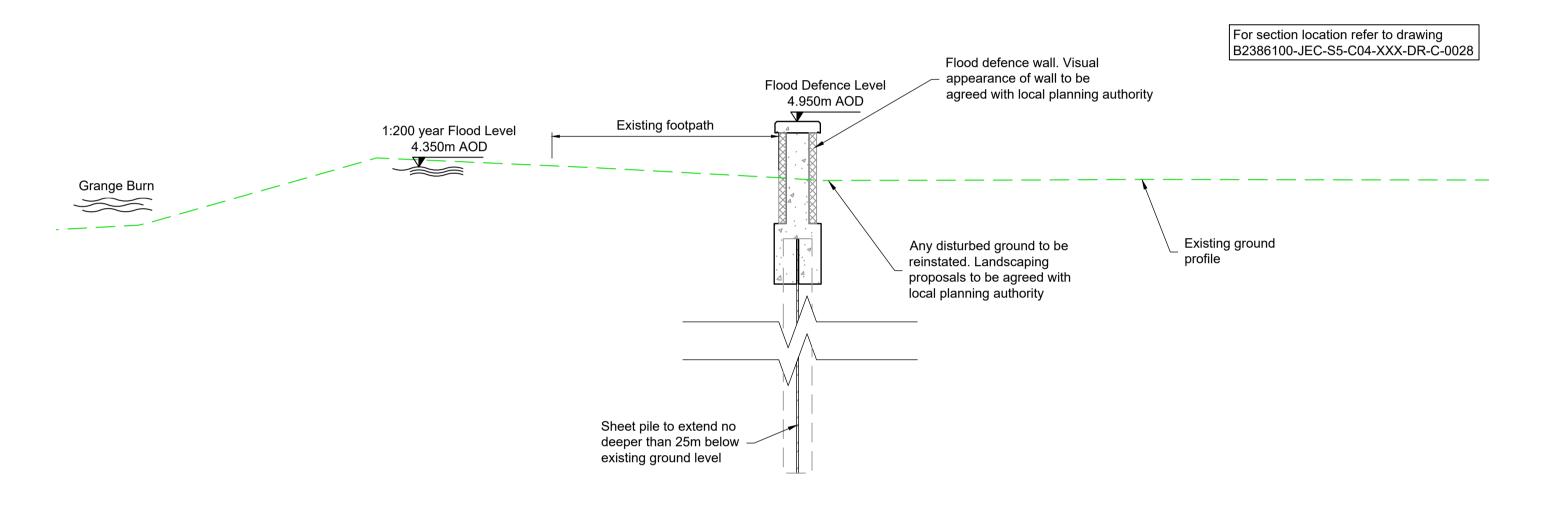
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SECTION B-B

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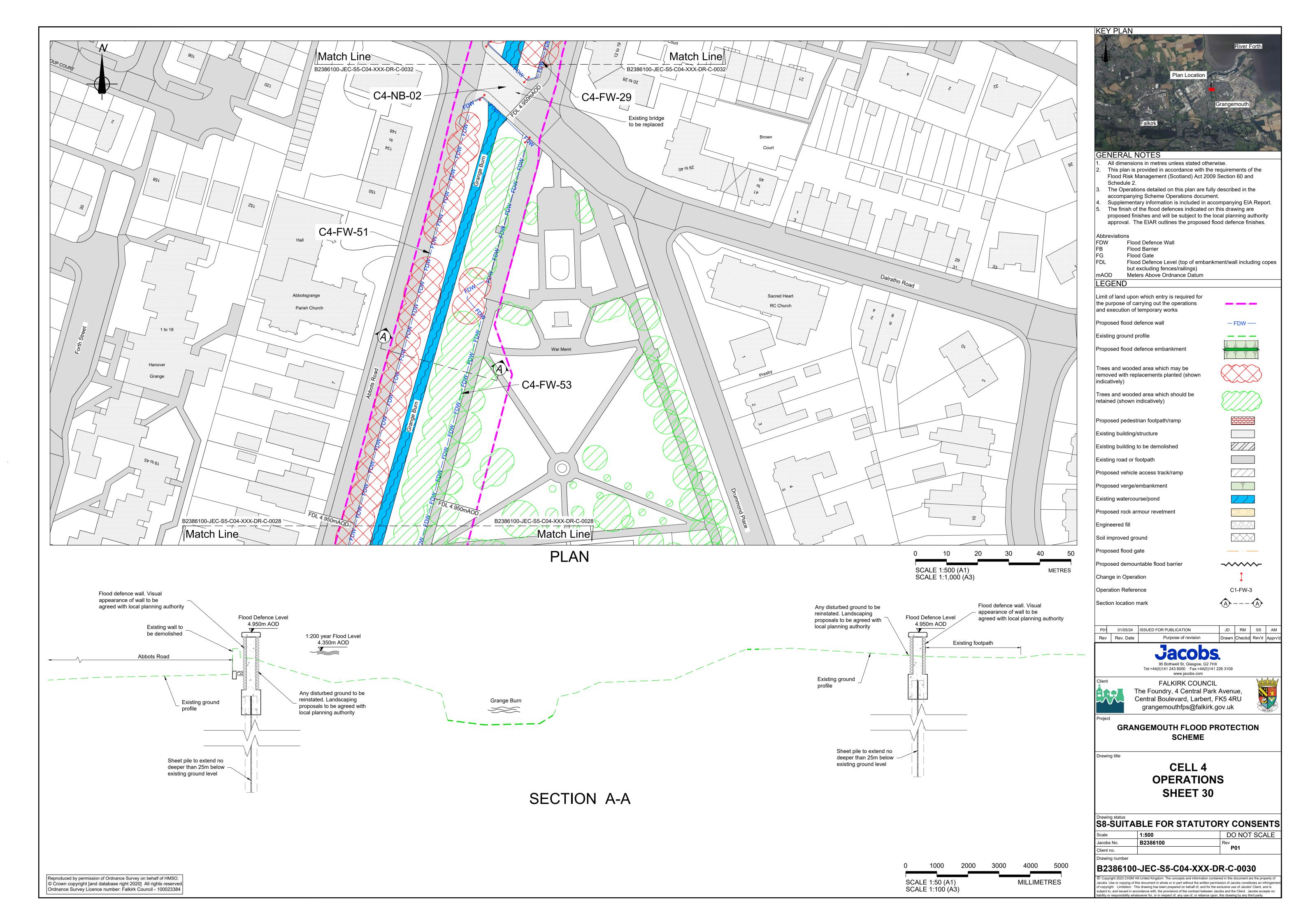
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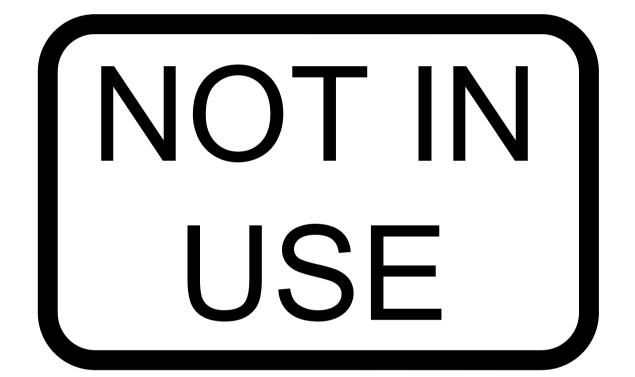
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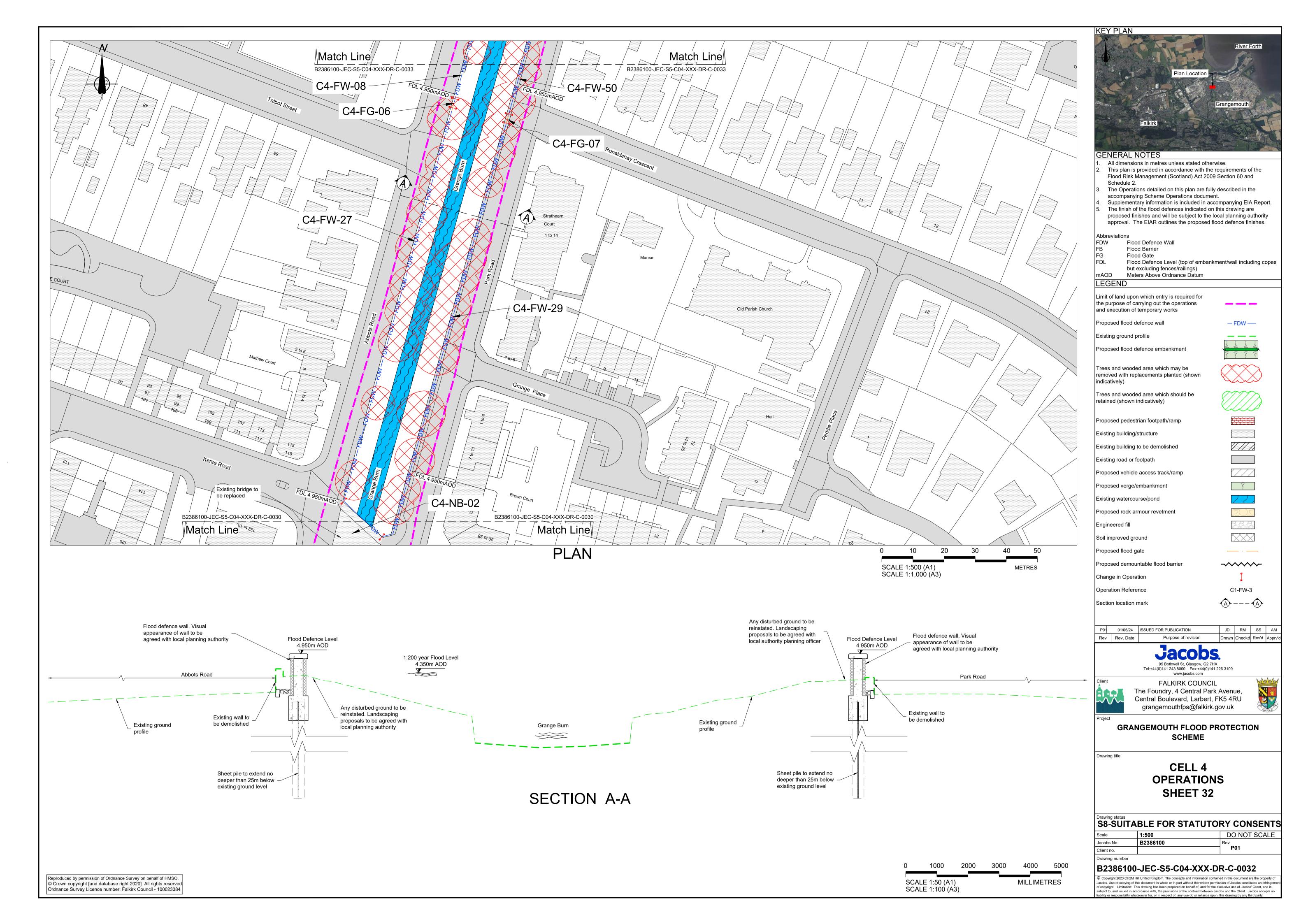


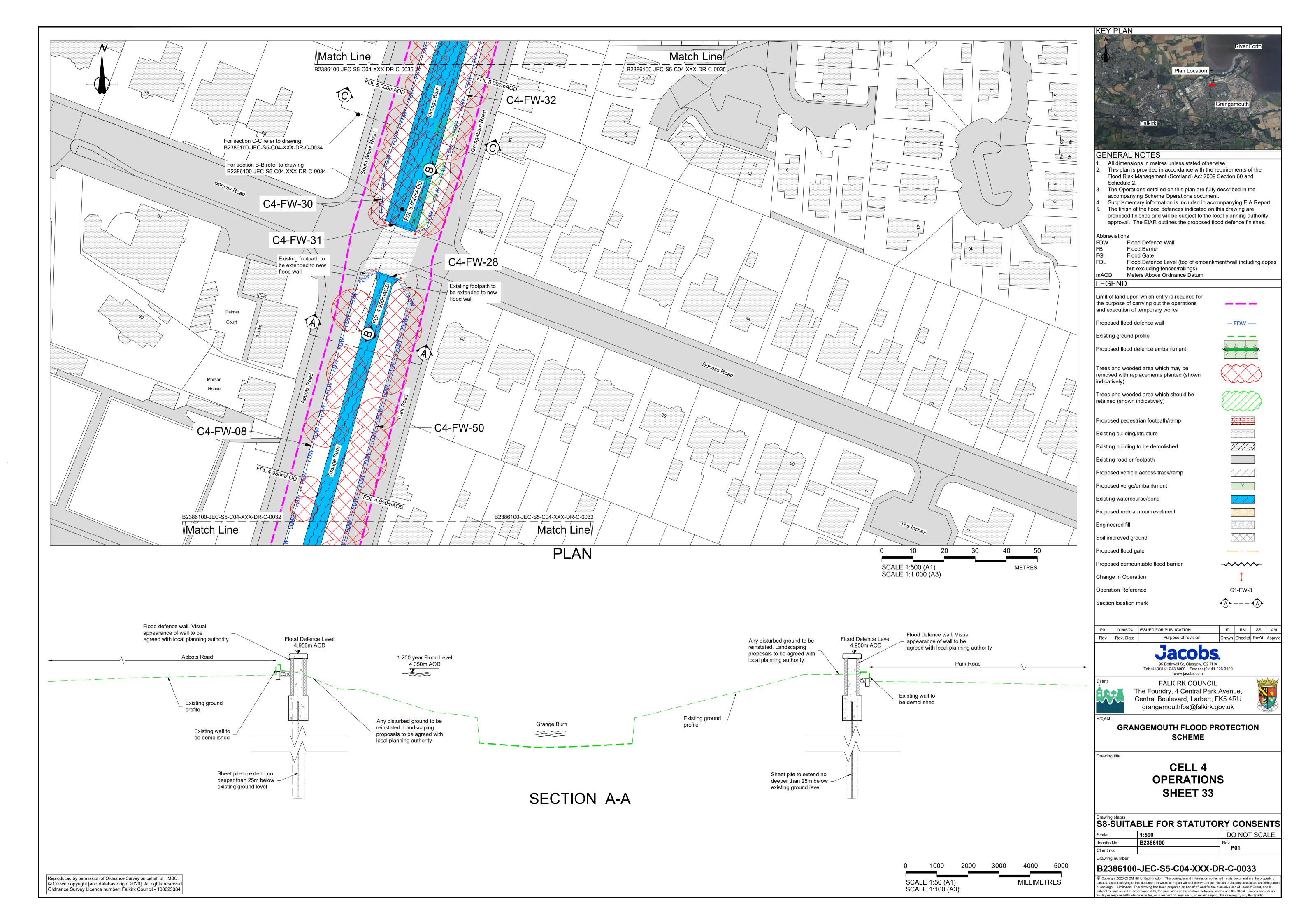


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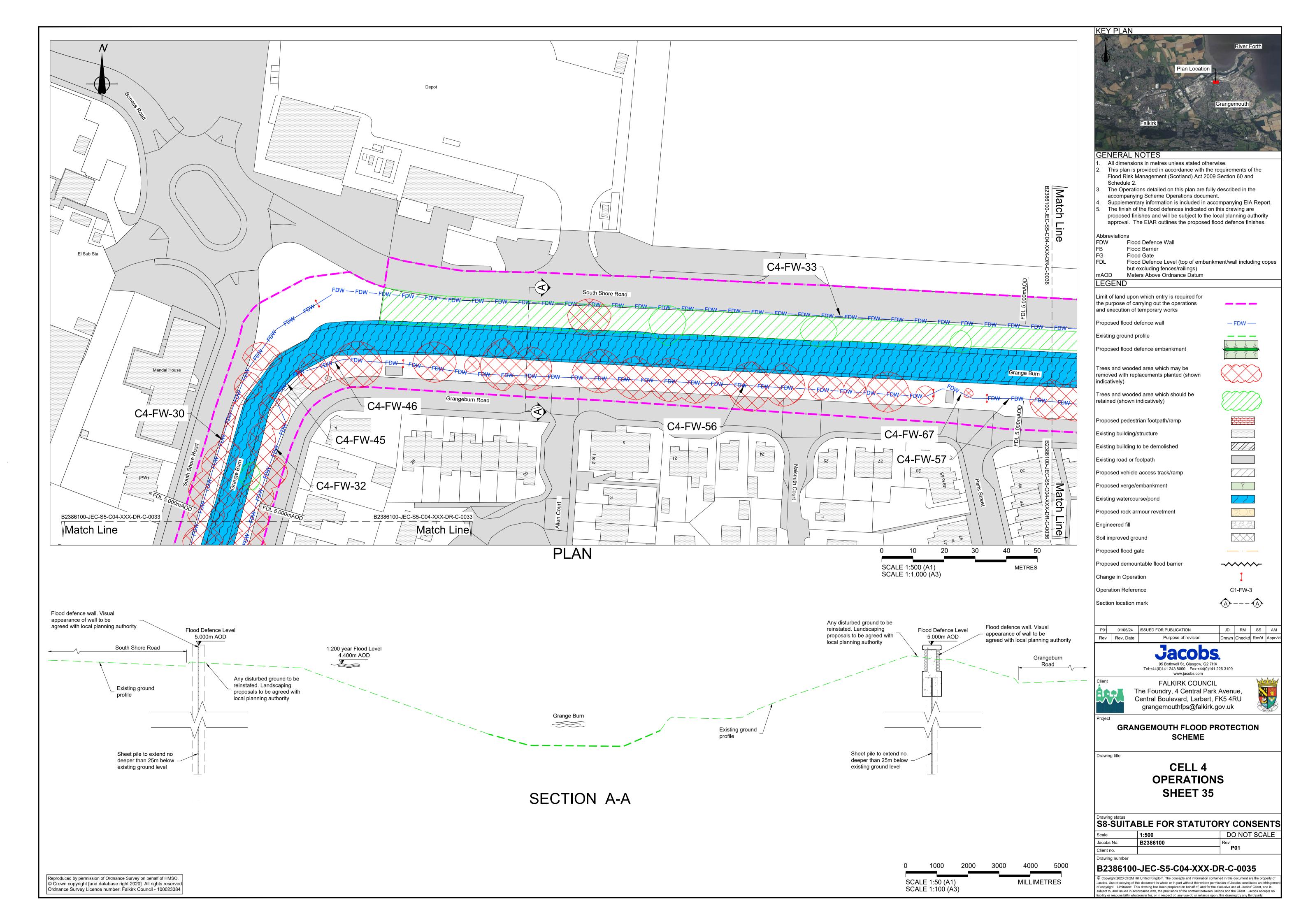
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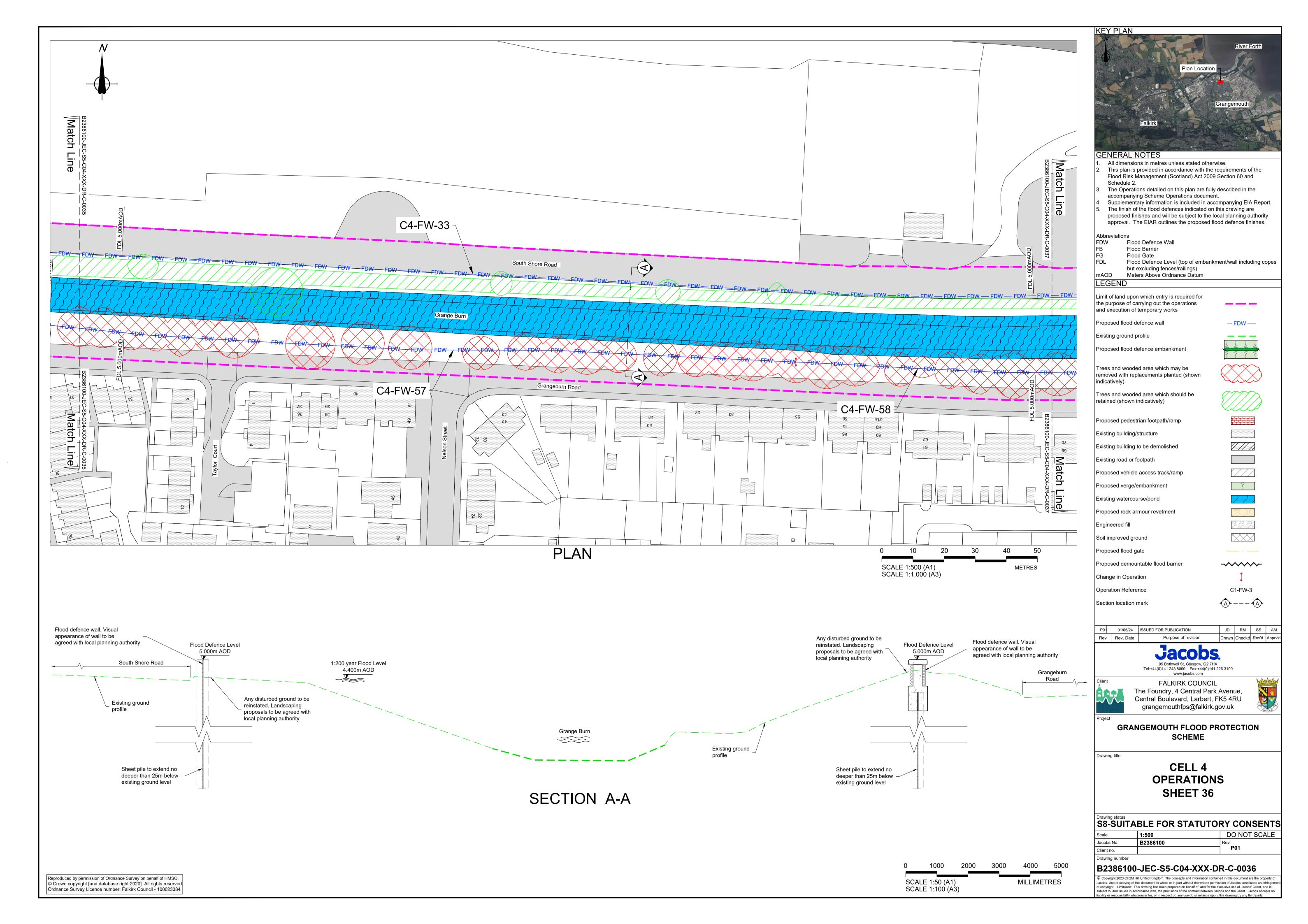
SCALE 1:50 (A1) SCALE 1:100 (A3) MILLIMETRES

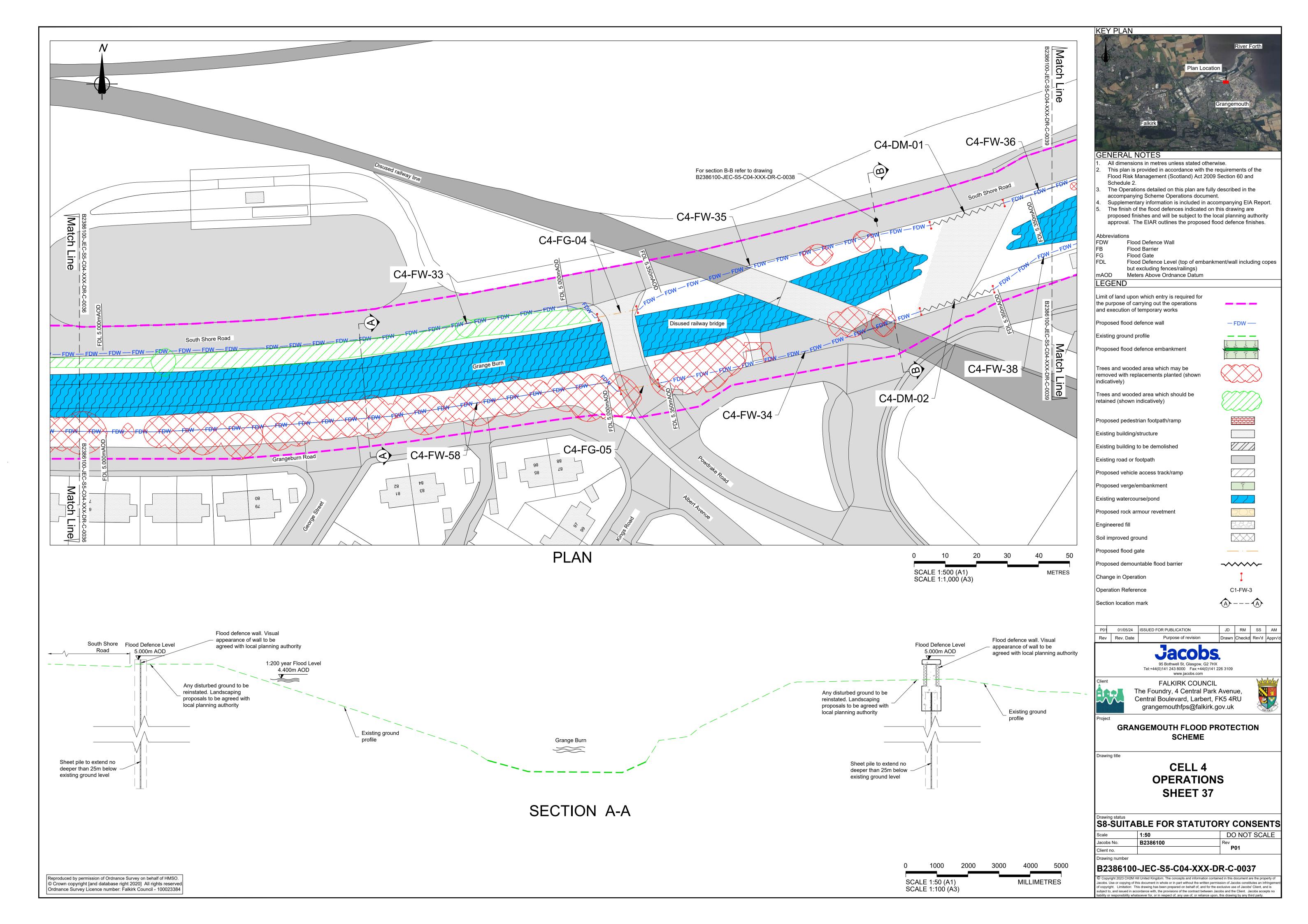




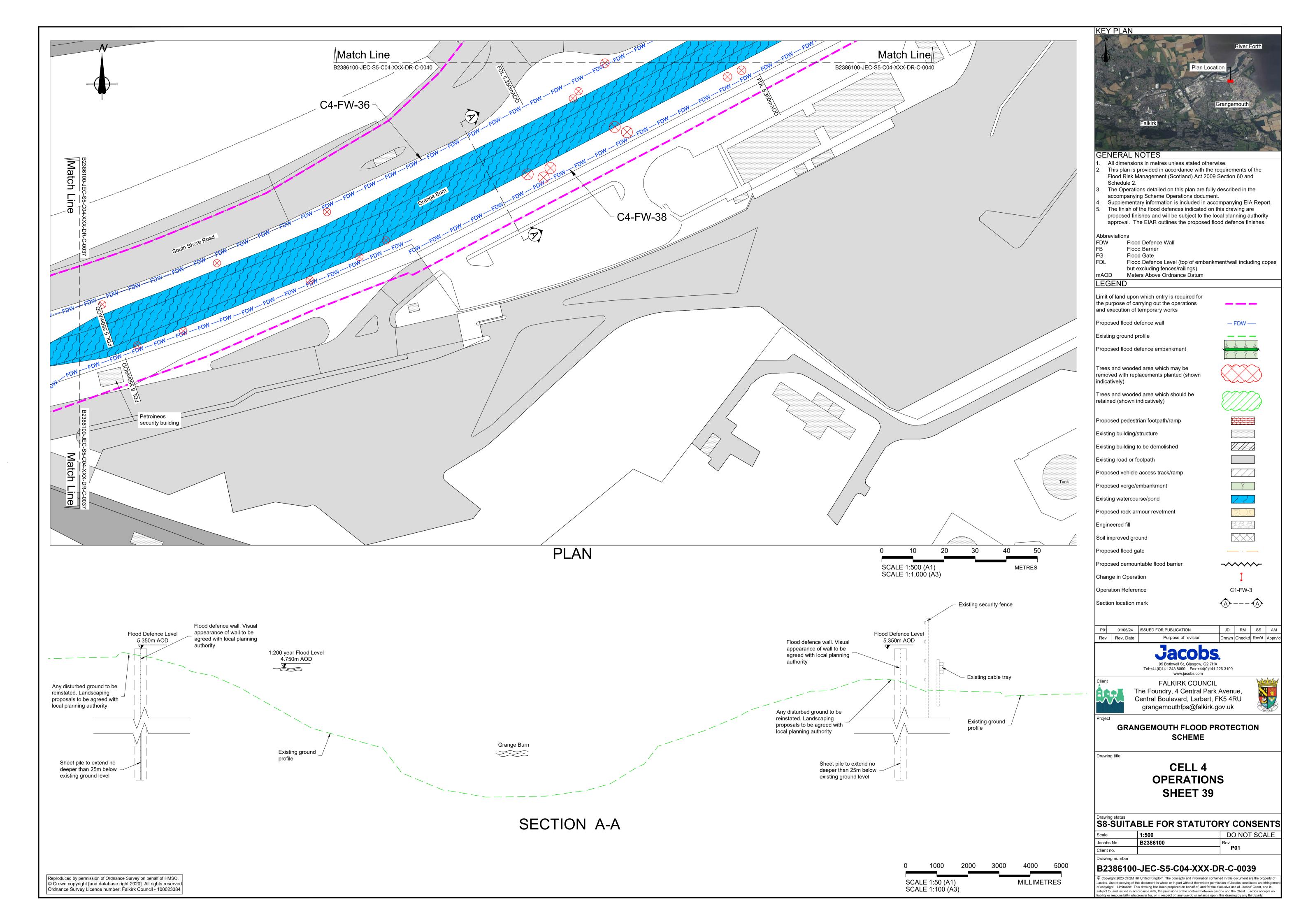
KEY PLAN For section location refer to drawing B2386100-JEC-S5-C04-XXX-DR-C-0033 **GENERAL NOTES** Existing bridge parapet Existing bridge parapet to remain All dimensions in metres unless stated otherwise. to remain This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Flood defence wall. Visual Schedule 2. Existing ground The Operations detailed on this plan are fully described in the appearance of wall to be Flood defence wall. Visual agreed with local planning authority accompanying Scheme Operations document. - appearance of wall to be Supplementary information is included in accompanying EIA Report. Bridge deck -Flood Defence Level Flood Defence Level 4.950m AOD agreed with local planning authority The finish of the flood defences indicated on this drawing are 5.000m AOD proposed finishes and will be subject to the local planning authority Boness Road 1:200 year Flood Level 1:200 year Flood Level approval. The EIAR outlines the proposed flood defence finishes. 4.400m AOD 4.350m AOD Abbreviations FDW Flood Defence Wall Flood Barrier Void between bridge Flood Gate parapet and flood wall to Concrete beam and wall Flood Defence Level (top of embankment/wall including copes be sealed. spanning Grange Burn Void between bridge but excluding fences/railings) parapet and flood wall to Meters Above Ordnance Datum Concrete beam and wall be sealed. LEGEND spanning Grange Burn Grange Burn Grange Burn Limit of land upon which entry is required for the purpose of carrying out the operations \sim and execution of temporary works Proposed flood defence wall — FDW — Existing ground profile ____ Existing ground Proposed flood defence embankment Trees and wooded area which may be removed with replacements planted (shown indicatively) SECTION B-B Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp For section location refer to drawing Proposed verge/embankment B2386100-JEC-S5-C04-XXX-DR-C-0033 Existing watercourse/pond Flood defence wall. Visual Flood defence wall. Visual appearance of wall to be Any disturbed ground to be appearance of wall to be Proposed rock armour revetment agreed with local planning authority reinstated. Landscaping agreed with local planning authority proposals to be agreed with Flood Defence Level Flood Defence Level Engineered fill local planning authority 5.000m AOD 5.000m AOD Grangeburn Road Soil improved ground South Shore Road 1:200 year Flood Level 4.400m AOD Proposed flood gate Proposed demountable flood barrier **------**Any disturbed ground to be Change in Operation reinstated. Landscaping proposals to be agreed with Operation Reference C1-FW-3 local planning authority **A**---**A** Section location mark Grange Burn P01 01/05/24 ISSUED FOR PUBLICATION JD RM SS AM Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Appro Sheet pile to extend no Sheet pile to extend no deeper than 25m below deeper than 25m below existing ground level existing ground level 95 Bothwell St, Glasgow, G2 7HX Tel:+44(0)141 243 8000 Fax:+44(0)141 226 3109 www.jacobs.com FALKIRK COUNCIL SECTION C-C The Foundry, 4 Central Park Avenue, Central Boulevard, Larbert, FK5 4RU grangemouthfps@falkirk.gov.uk **GRANGEMOUTH FLOOD PROTECTION SCHEME** Drawing title CELL 4 **OPERATIONS** SHEET 34 S8-SUITABLE FOR STATUTORY CONSENTS DO NOT SCALE 1:50 B2386100 Jacobs No. P01 Client no. Drawing number 1000 2000 3000 4000 5000 B2386100-JEC-S5-C04-XXX-DR-C-0034 Reproduced by permission of Ordnance Survey on behalf of HMSO. Copyright 2023 CH2M Hill United Kingdom. The concepts and information contained in this document are the property of SCALE 1:50 (A1) SCALE 1:100 (A3) **MILLIMETRES** Jacobs, Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringe © Crown copyright [and database right 2020] All rights reserved of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is Ordnance Survey Licence number: Falkirk Council - 100023384 subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no lability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

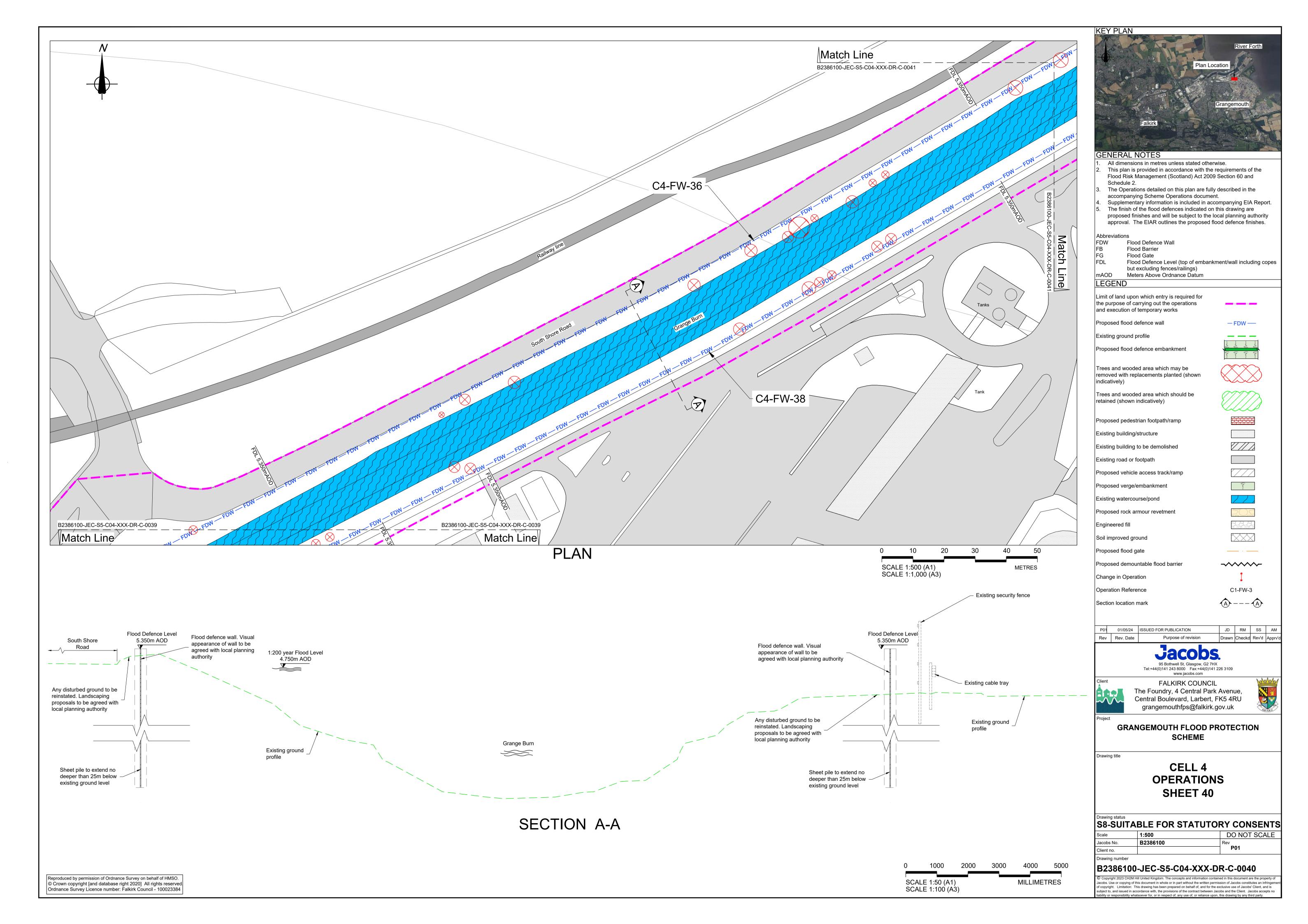


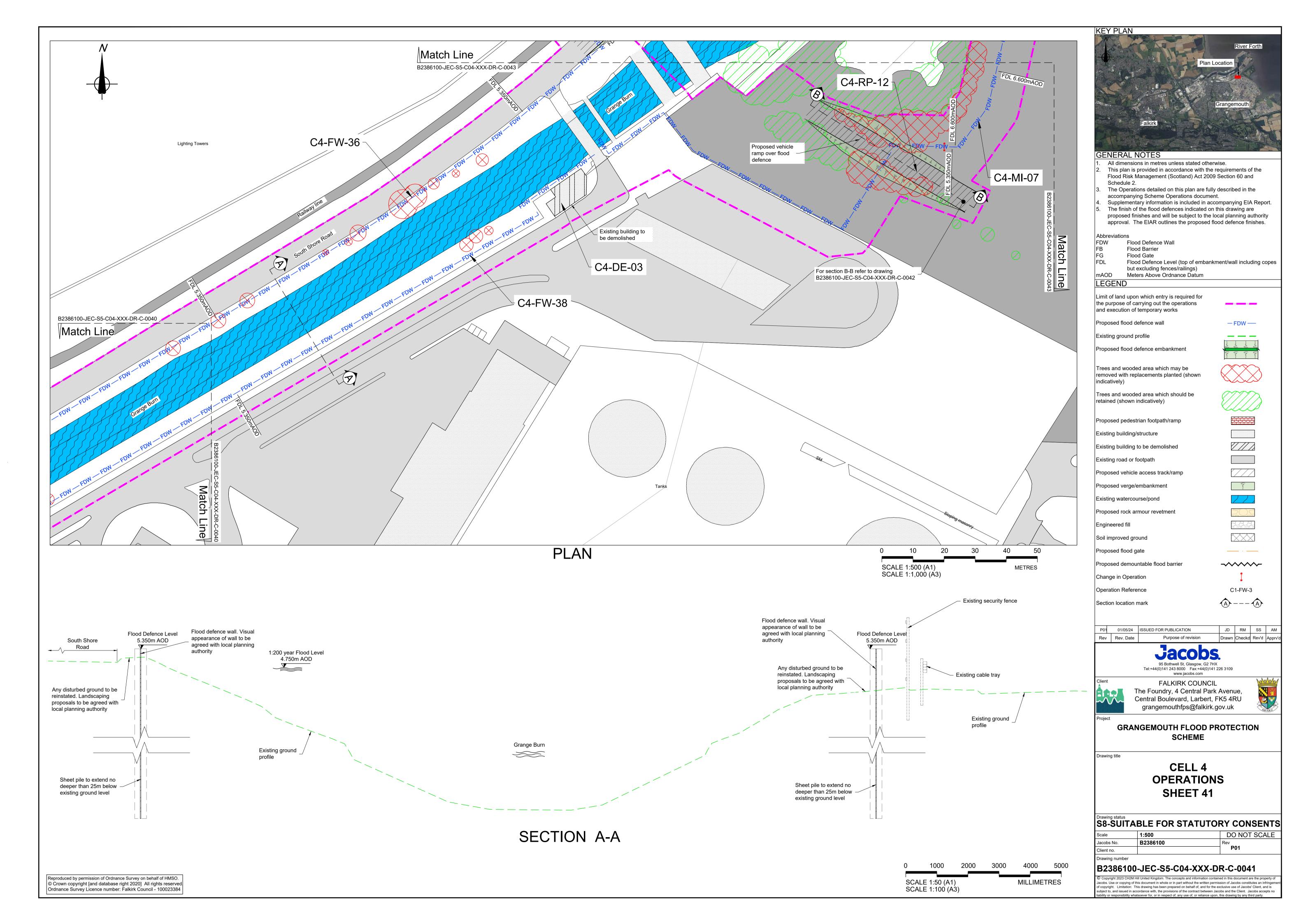


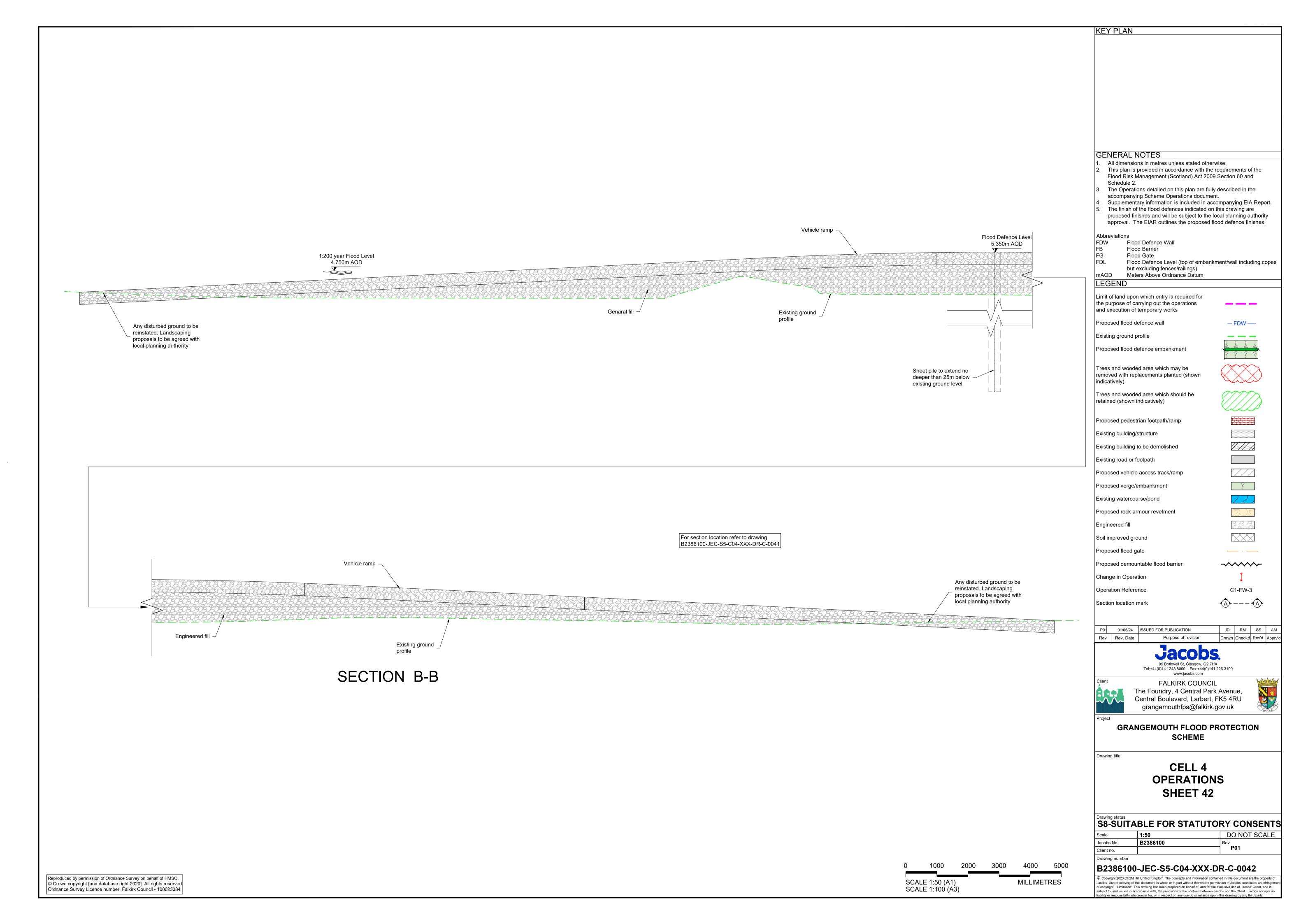


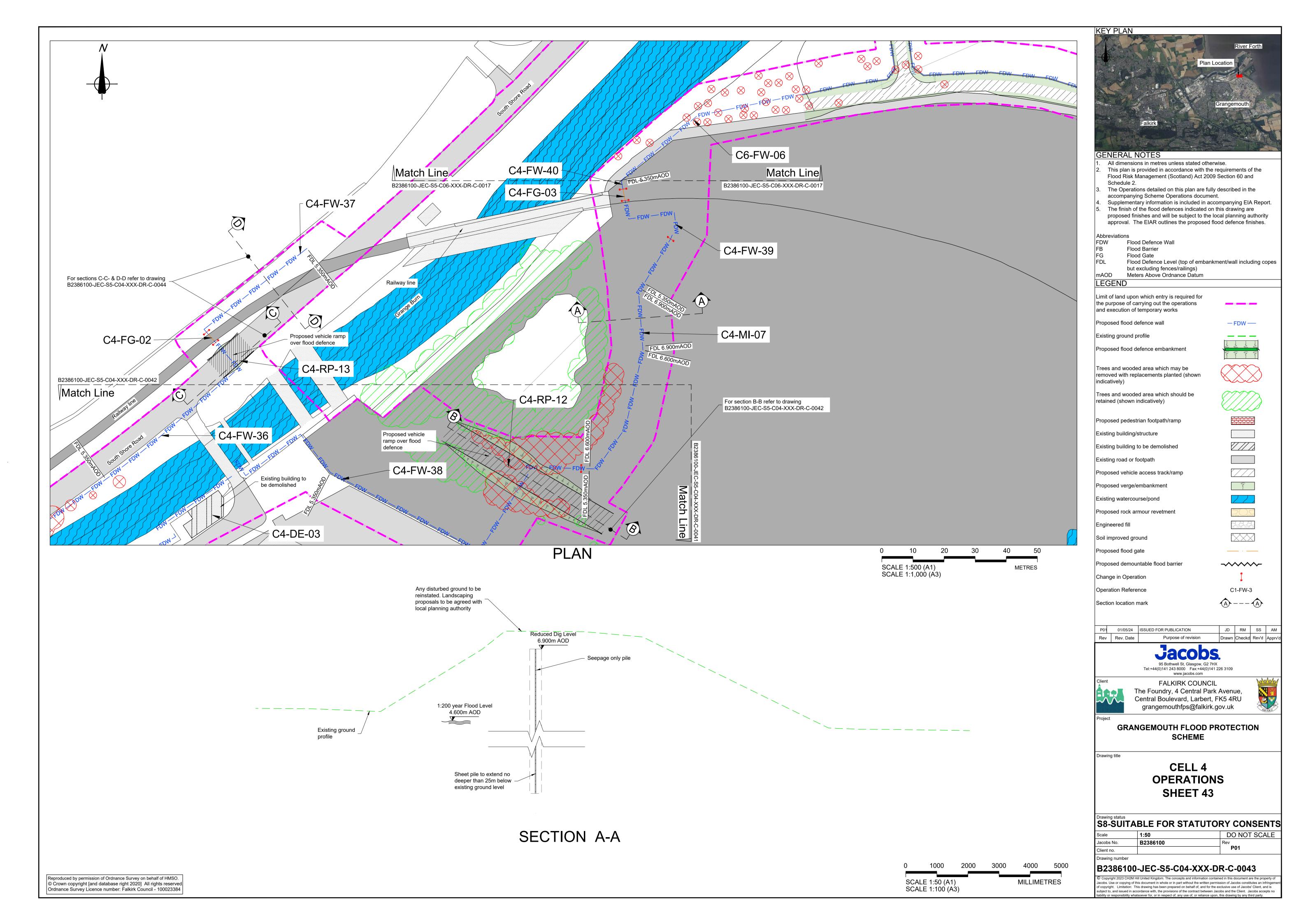
KEY PLAN GENERAL NOTES All dimensions in metres unless stated otherwise. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2. The Operations detailed on this plan are fully described in the accompanying Scheme Operations document. Supplementary information is included in accompanying EIA Report. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIAR outlines the proposed flood defence finishes. Abbreviations FDW Flood Defence Wall Flood Barrier Flood Gate Flood Defence Level (top of embankment/wall including copes but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for For section location refer to drawing the purpose of carrying out the operations B2386100-JEC-S5-C04-XXX-DR-C-0037 and execution of temporary works Proposed flood defence wall — FDW — Existing ground profile ____ Proposed flood defence embankment Flood Defence Level Flood defence wall. Visual Flood Defence Level South Shore Flood defence wall. Visual 5.350m AOD Trees and wooded area which may be 5.350m AOD appearance of embankment to be appearance of wall to be removed with replacements planted (shown agreed with local planning authority Access 1:200 year Flood Level agreed with local planning authority indicatively) Road 4.750m AOD Trees and wooded area which should be retained (shown indicatively) Any disturbed ground to be Any disturbed ground to be reinstated. Landscaping reinstated. Landscaping Proposed pedestrian footpath/ramp proposals to be agreed with proposals to be agreed with local planning authority local planning authority Existing building/structure Existing ground Existing building to be demolished Existing ground _ profile Grange Burn Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Sheet pile to extend no Sheet pile to extend no deeper than 25m below — Existing watercourse/pond - deeper than 25m below existing ground level existing ground level Proposed rock armour revetment Engineered fill Soil improved ground SECTION B-B Proposed flood gate Proposed demountable flood barrier **------**Change in Operation Operation Reference C1-FW-3 **A**---**A** Section location mark JD RM SS AM
Drawn Checkd Rev'd Apprv'd P01 01/05/24 ISSUED FOR PUBLICATION Rev Rev. Date Purpose of revision Jacobs. 95 Bothwell St, Glasgow, G2 7HX Tel:+44(0)141 243 8000 Fax:+44(0)141 226 3109 www.jacobs.com FALKIRK COUNCIL The Foundry, 4 Central Park Avenue, Central Boulevard, Larbert, FK5 4RU grangemouthfps@falkirk.gov.uk **GRANGEMOUTH FLOOD PROTECTION SCHEME** Drawing title CELL 4 **OPERATIONS** SHEET 38 S8-SUITABLE FOR STATUTORY CONSENTS DO NOT SCALE 1:50 B2386100 Jacobs No. P01 Client no. Drawing number 1000 2000 3000 4000 5000 B2386100-JEC-S5-C04-XXX-DR-C-0038 © Copyright 2023 CH2M Hill United Kingdom. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of Jacobs constitutes and infringement of Jacobs constitutes are infringement. Reproduced by permission of Ordnance Survey on behalf of HMSO. SCALE 1:50 (A1) SCALE 1:100 (A3) MILLIMETRES © Crown copyright [and database right 2020] All rights reserved of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party. Ordnance Survey Licence number: Falkirk Council - 100023384











GENERAL NOTES All dimensions in metres unless stated otherwise. For section location refer to drawing This plan is provided in accordance with the requirements of the B2386100-JEC-S5-C04-XXX-DR-C-0043 Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2. The Operations detailed on this plan are fully described in the Any disturbed ground to be accompanying Scheme Operations document. reinstated. Proposals to be Supplementary information is included in accompanying EIA Report. agreed with local planning Vehicle ramp over The finish of the flood defences indicated on this drawing are Engineered fill -Flood Defence Level authority flood defence South Shore Road proposed finishes and will be subject to the local planning authority 5.350m AOD South Shore Road approval. The EIAR outlines the proposed flood defence finishes. 1:200 year Flood Level 4.750m AOD FDW Flood Defence Wall Flood Barrier Flood Gate Existing ground Flood Defence Level (top of embankment/wall including copes profile but excluding fences/railings) Meters Above Ordnance Datum LEGEND Limit of land upon which entry is required for the purpose of carrying out the operations Seepage only Sheet pile to extend no and execution of temporary works deeper than 25m below existing ground level Proposed flood defence wall Existing ground profile Proposed flood defence embankment SECTION C-C Trees and wooded area which may be removed with replacements planted (shown indicatively) Trees and wooded area which should be retained (shown indicatively) Proposed pedestrian footpath/ramp Existing building/structure Existing building to be demolished Existing road or footpath Proposed vehicle access track/ramp Proposed verge/embankment Existing watercourse/pond Proposed rock armour revetment Engineered fill Soil improved ground For section location refer to drawing B2386100-JEC-S5-C04-XXX-DR-C-0043 Proposed flood gate Flood defence wall. Visual appearance of wall to be Proposed demountable flood barrier Flood Defence Level agreed with local planning authority 5.350m AOD Change in Operation Railway line South Shore Road 1:200 year Flood Level Operation Reference 4.750m AOD Section location mark Any disturbed ground to be P01 01/05/24 ISSUED FOR PUBLICATION reinstated. Landscaping proposals to be agreed with Rev Rev. Date Purpose of revision local planning authority 95 Bothwell St, Glasgow, G2 7HX Tel:+44(0)141 243 8000 Fax:+44(0)141 226 3109 www.jacobs.com Sheet pile to extend no FALKIRK COUNCIL deeper than 25m below The Foundry, 4 Central Park Avenue, existing ground level Central Boulevard, Larbert, FK5 4RU grangemouthfps@falkirk.gov.uk **GRANGEMOUTH FLOOD PROTECTION SCHEME** Drawing title CELL 4 **OPERATIONS** SECTION D-D SHEET 44 S8-SUITABLE FOR STATUTORY CONSENTS 1:50 B2386100 Jacobs No. Client no. Drawing number

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KEY PLAN

— FDW —

C1-FW-3

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Drawn Checkd Rev'd Appro

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