

- ## GENERAL NOTES
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 5. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIA outlines the proposed flood defence finishes.

Abbreviations	
FDW	Flood Defence Wall
FB	Flood Barrier
FG	Flood Gate
FDL	Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD	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	C1-FW-3
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'd

Project

**GRANGEMOUTH FLOOD PROTECTION
SCHEME**

Drawing title

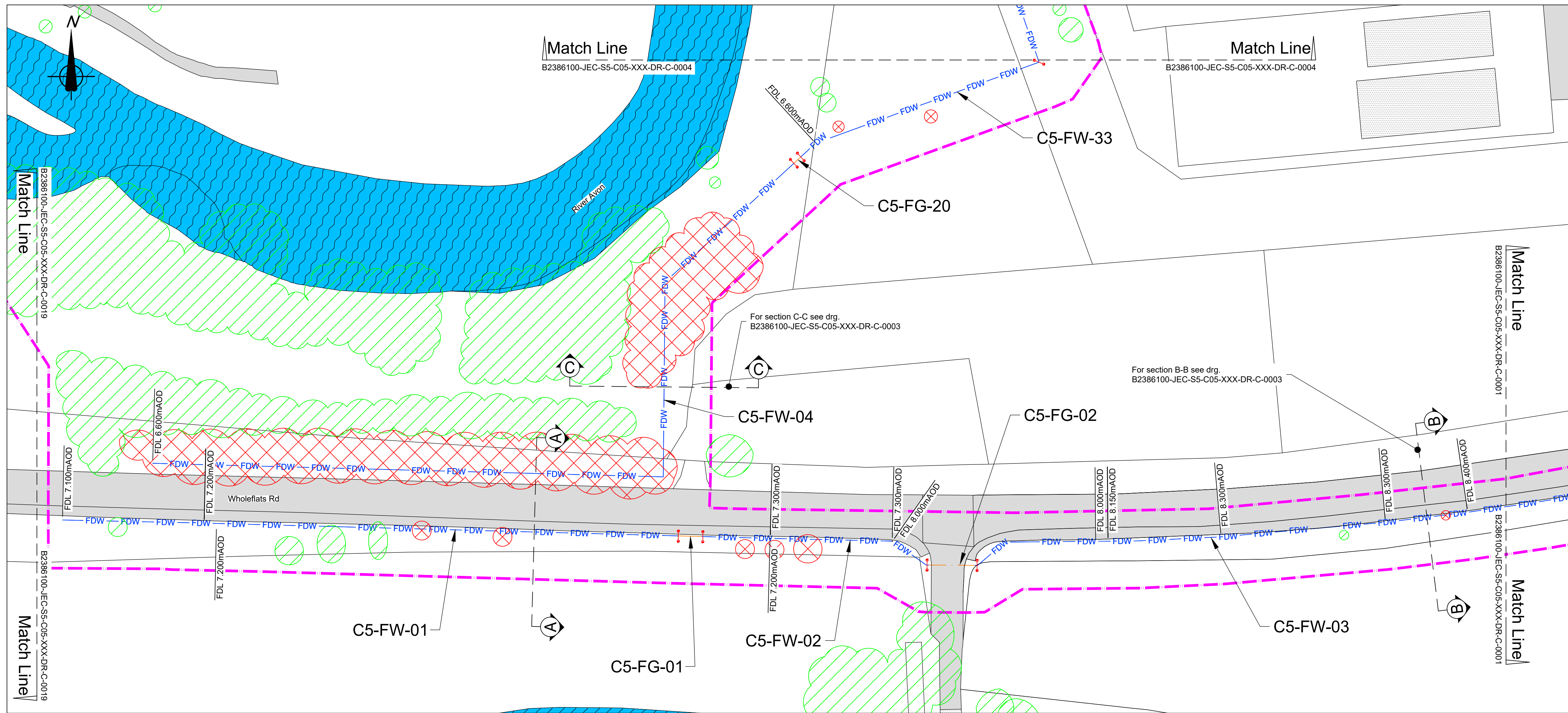
**CELL 5
OPERATIONS
SHEET 1**

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Client no.		P01

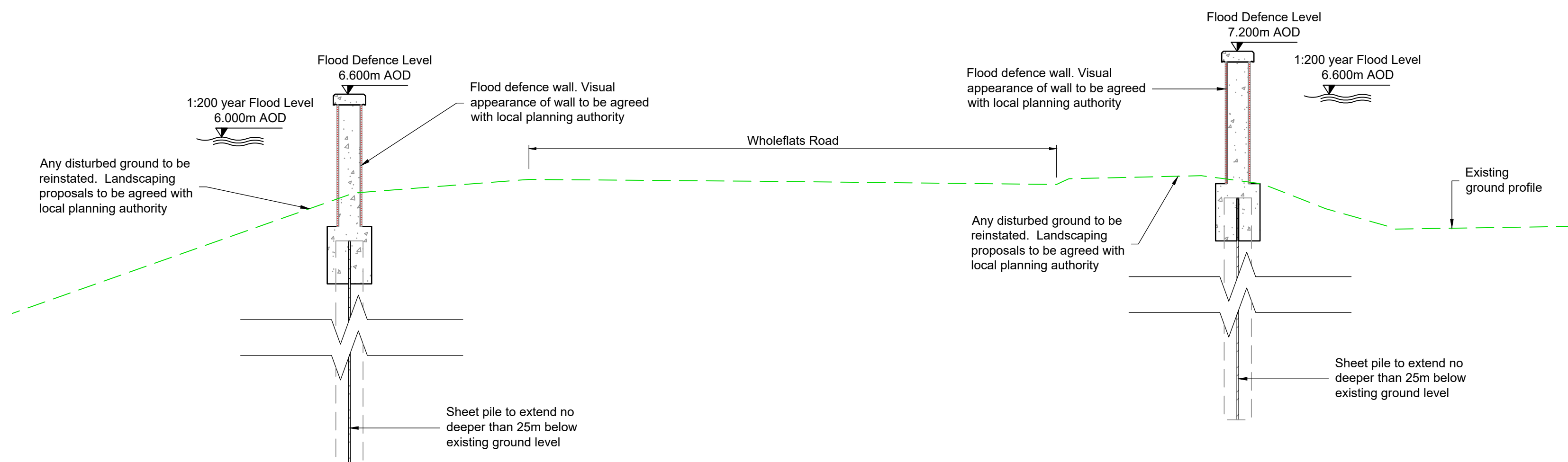
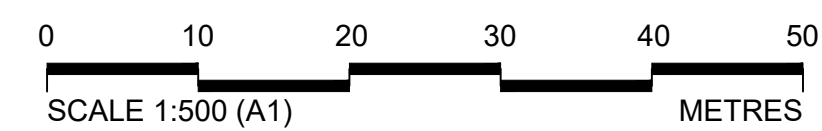
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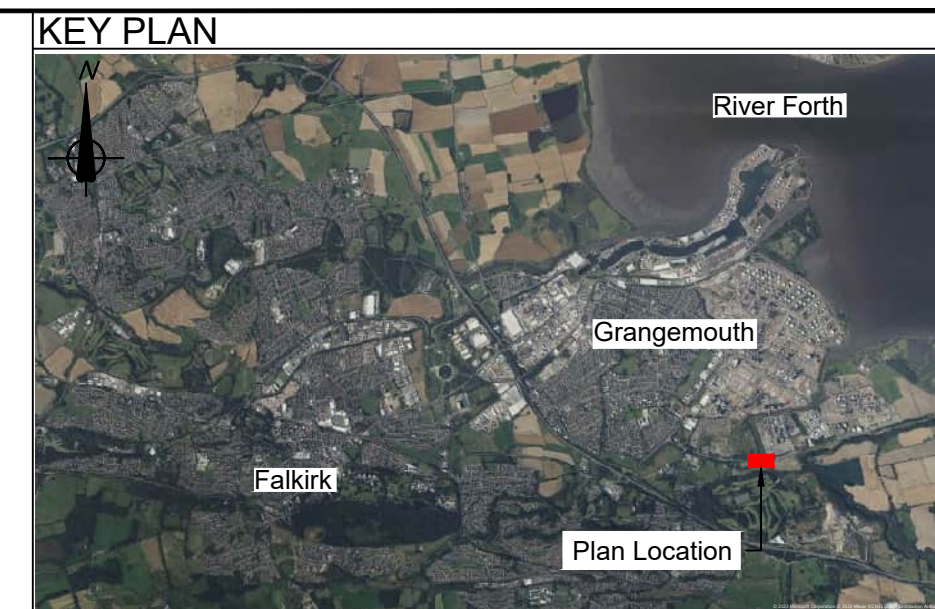
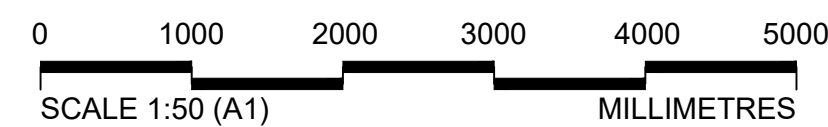
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PLAN



SECTION A-A



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Abbreviations

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FG Flood Gate
FDL Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAO D Meters Above Ordnance Datum

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- 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

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Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd

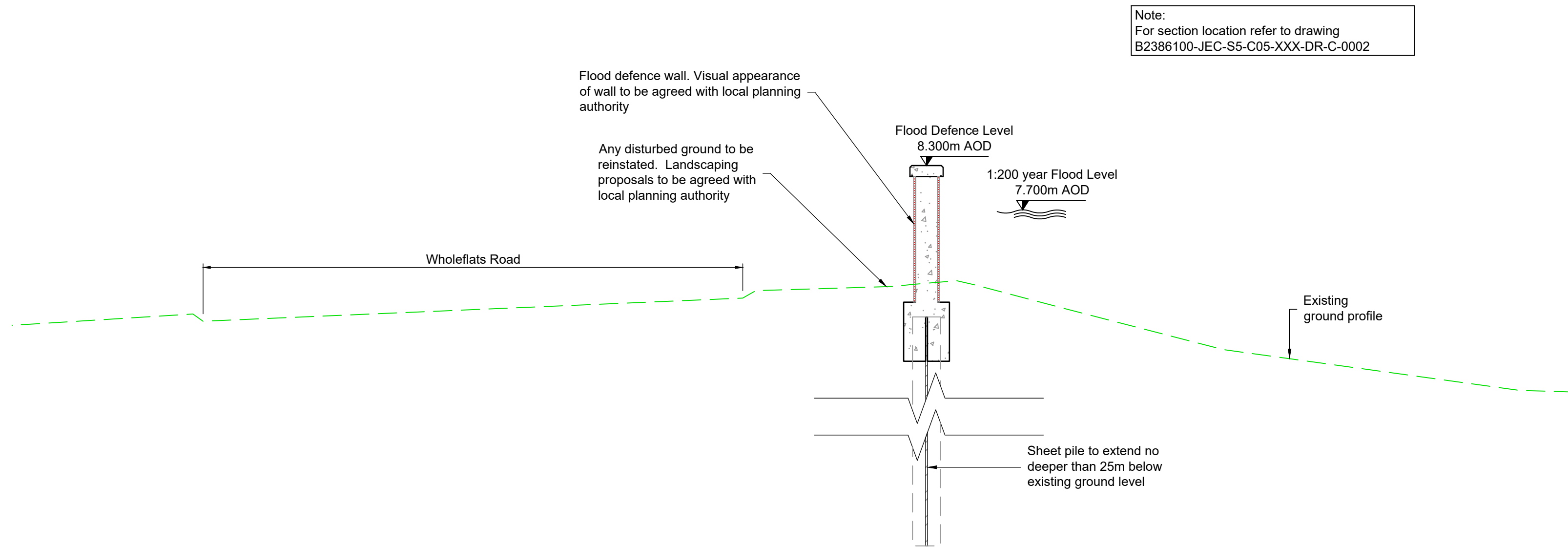
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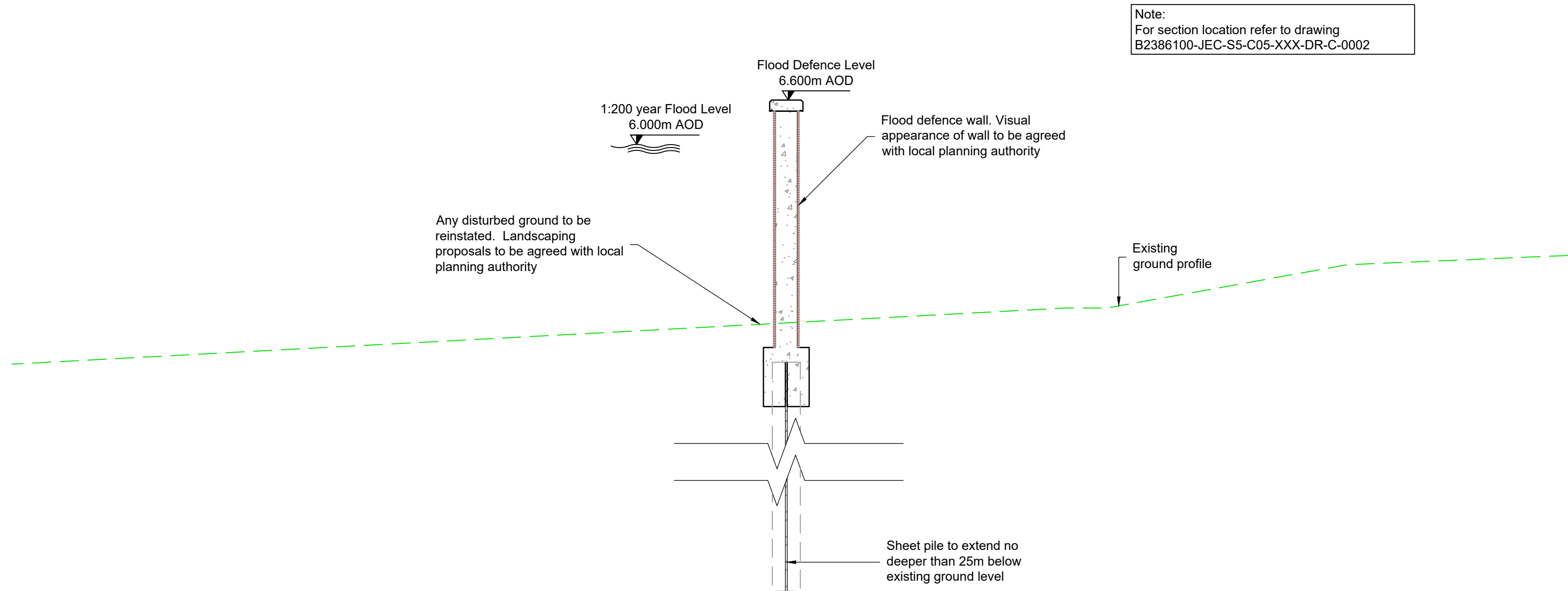
Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

Drawing title
CELL 5 OPERATIONS SHEET 2

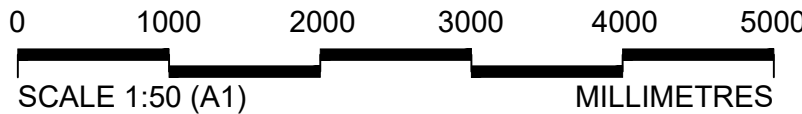
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Client no.		P01
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SECTION B-B



SECTION C-C



KEY PLAN

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mAOD	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

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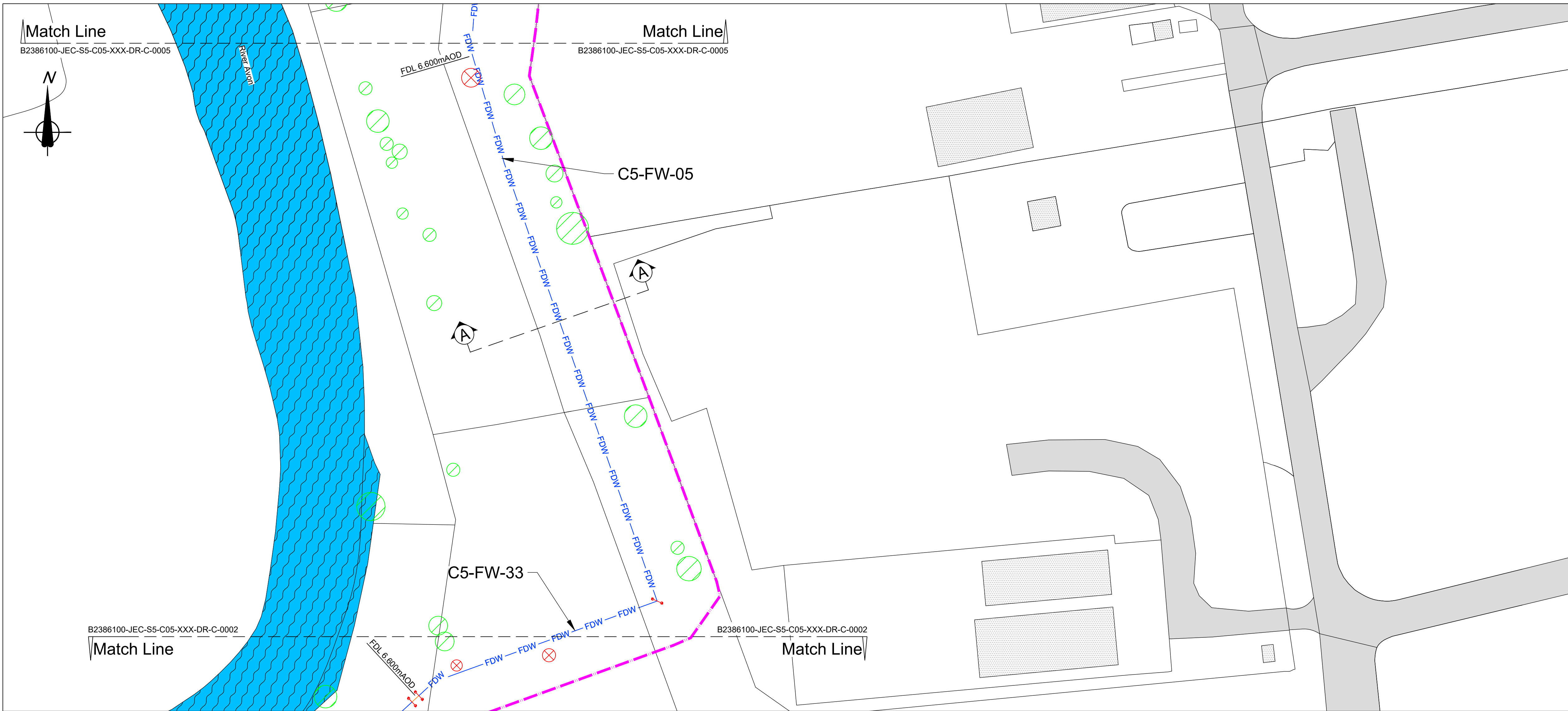
Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

Drawing title
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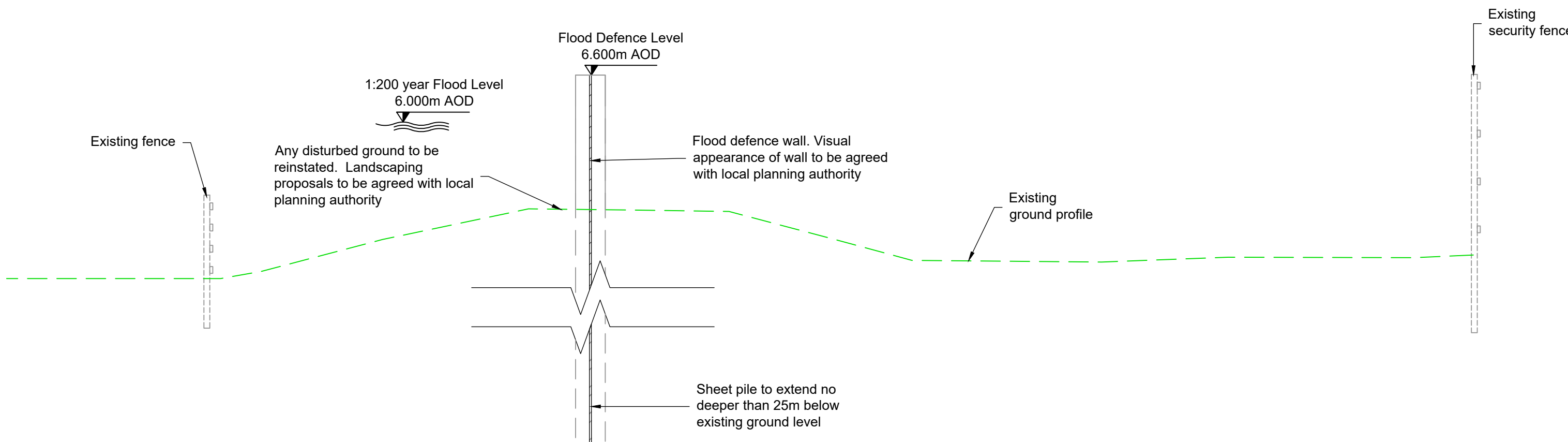
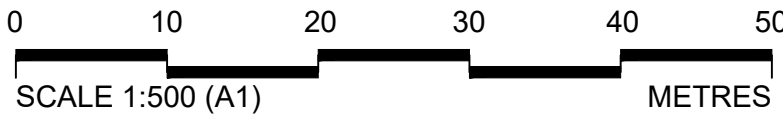
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Client no.		P01

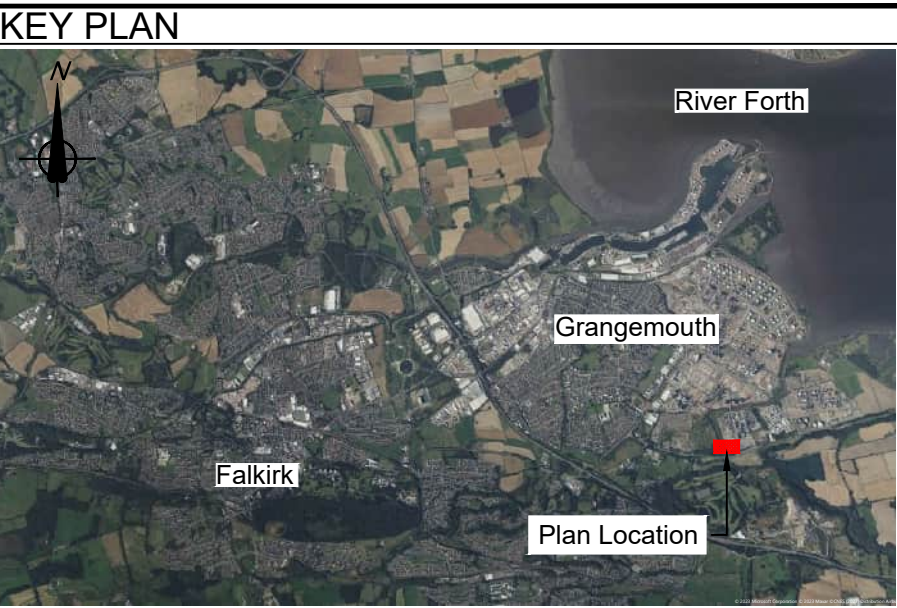
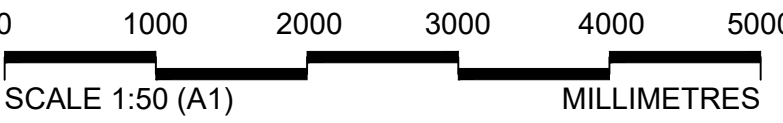
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PLAN



SECTION A-A



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mAOD	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
Section location mark	---

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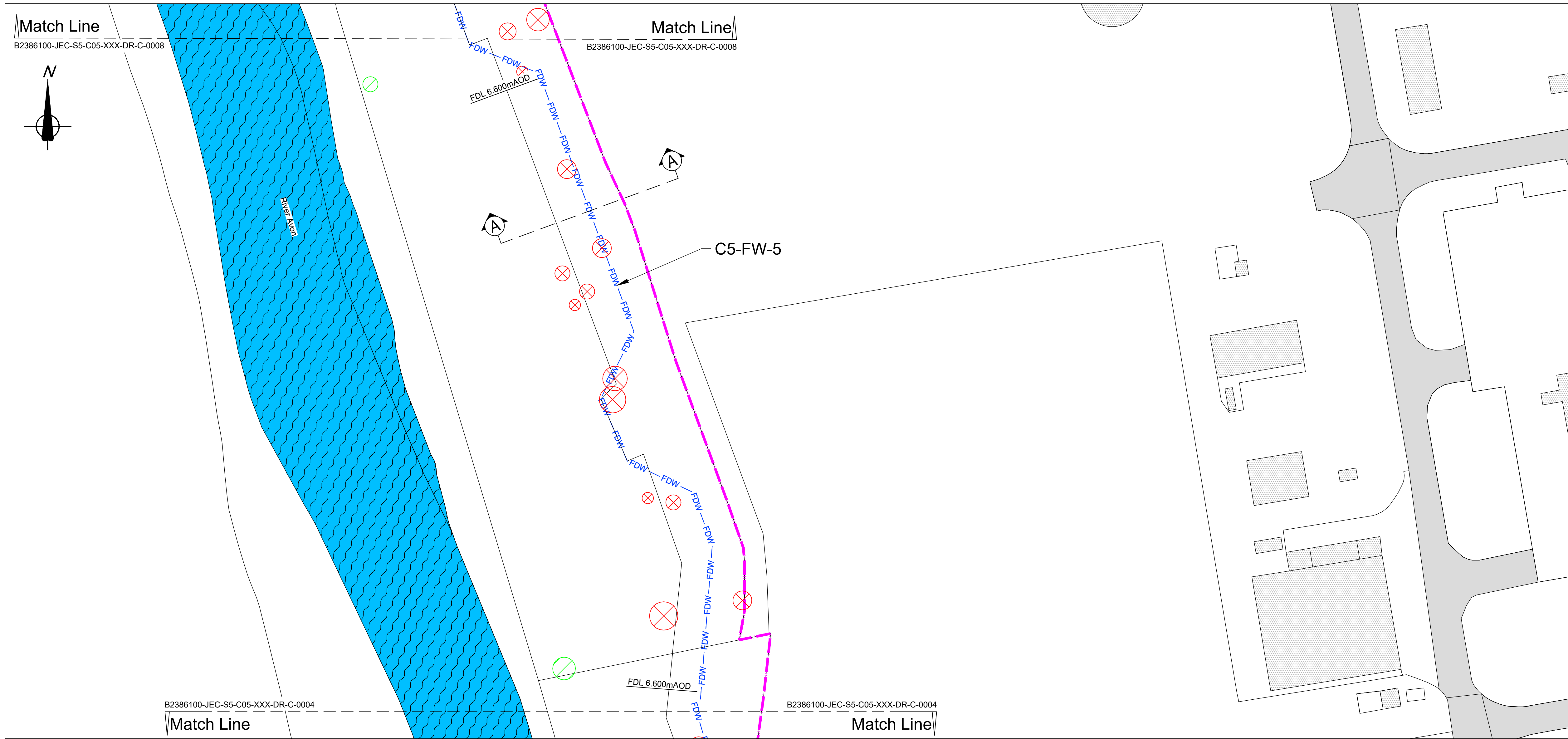
Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

Drawing title
CELL 5 OPERATIONS SHEET 4

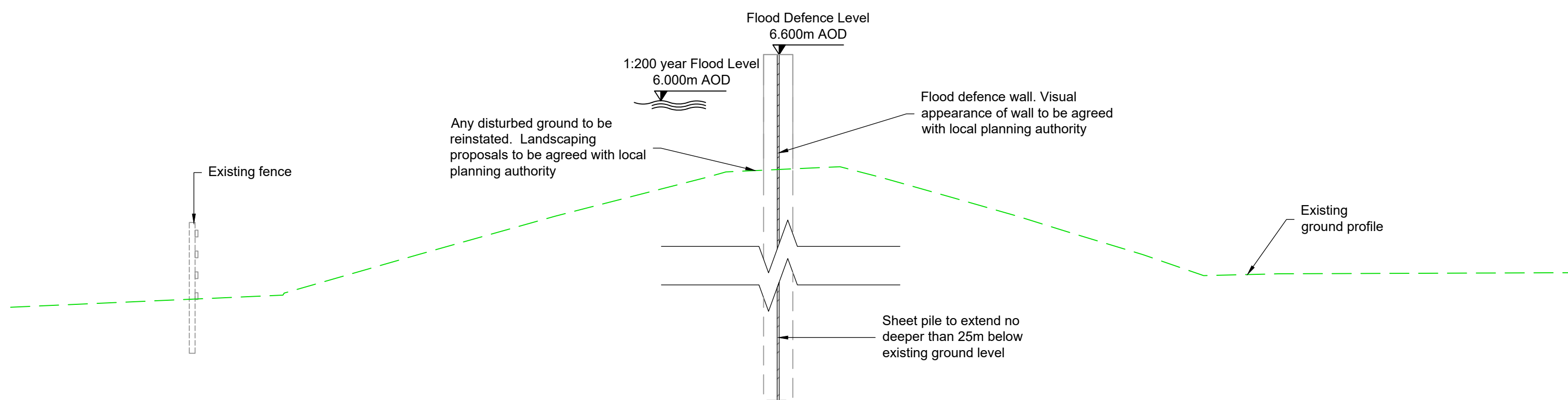
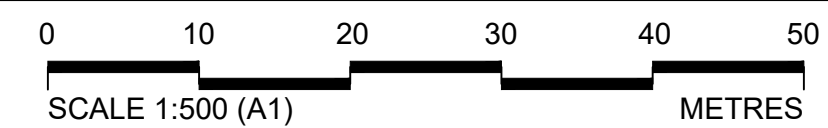
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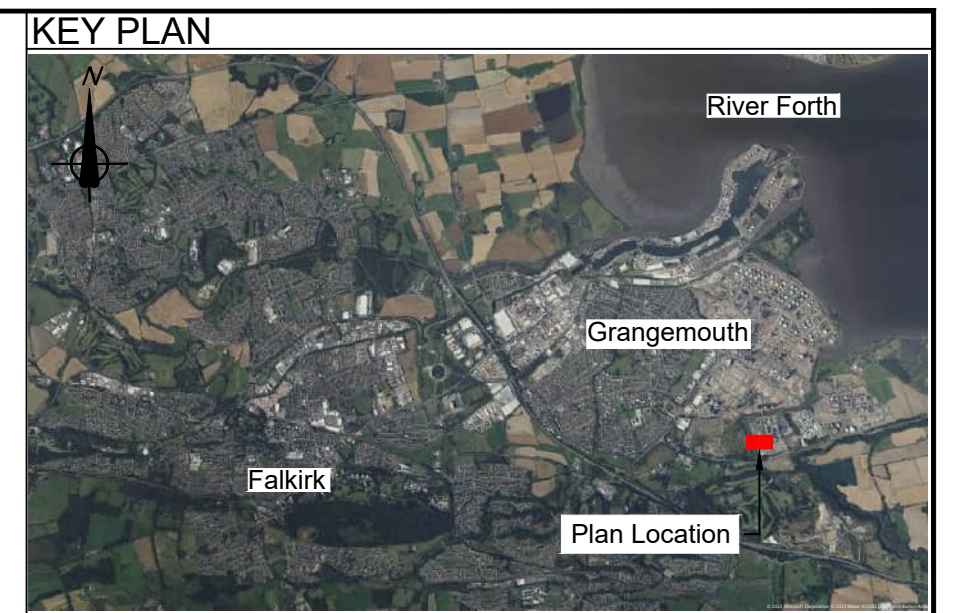
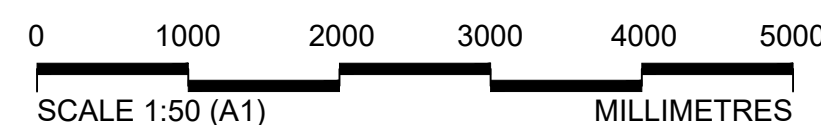
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PLAN



SECTION A-A



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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
Section location mark	---

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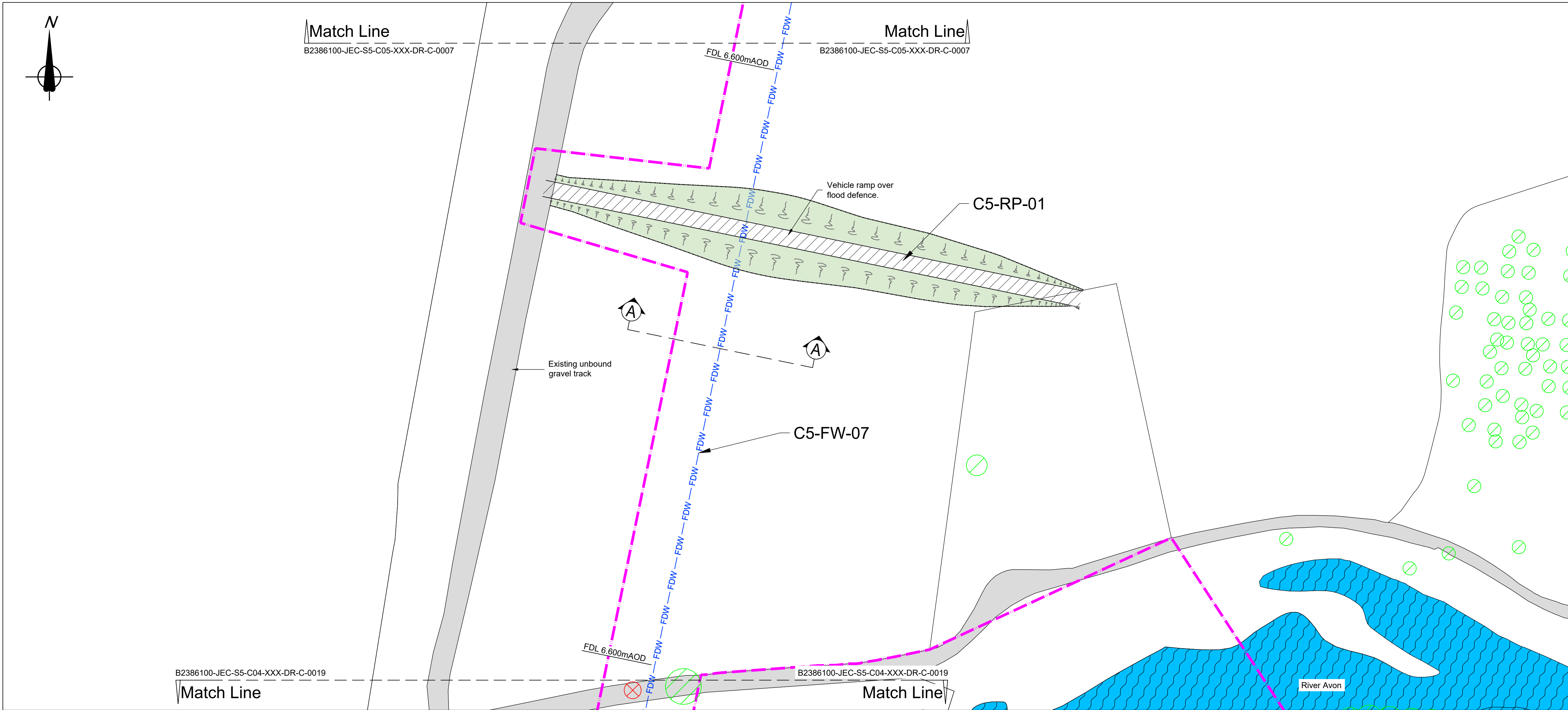
Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

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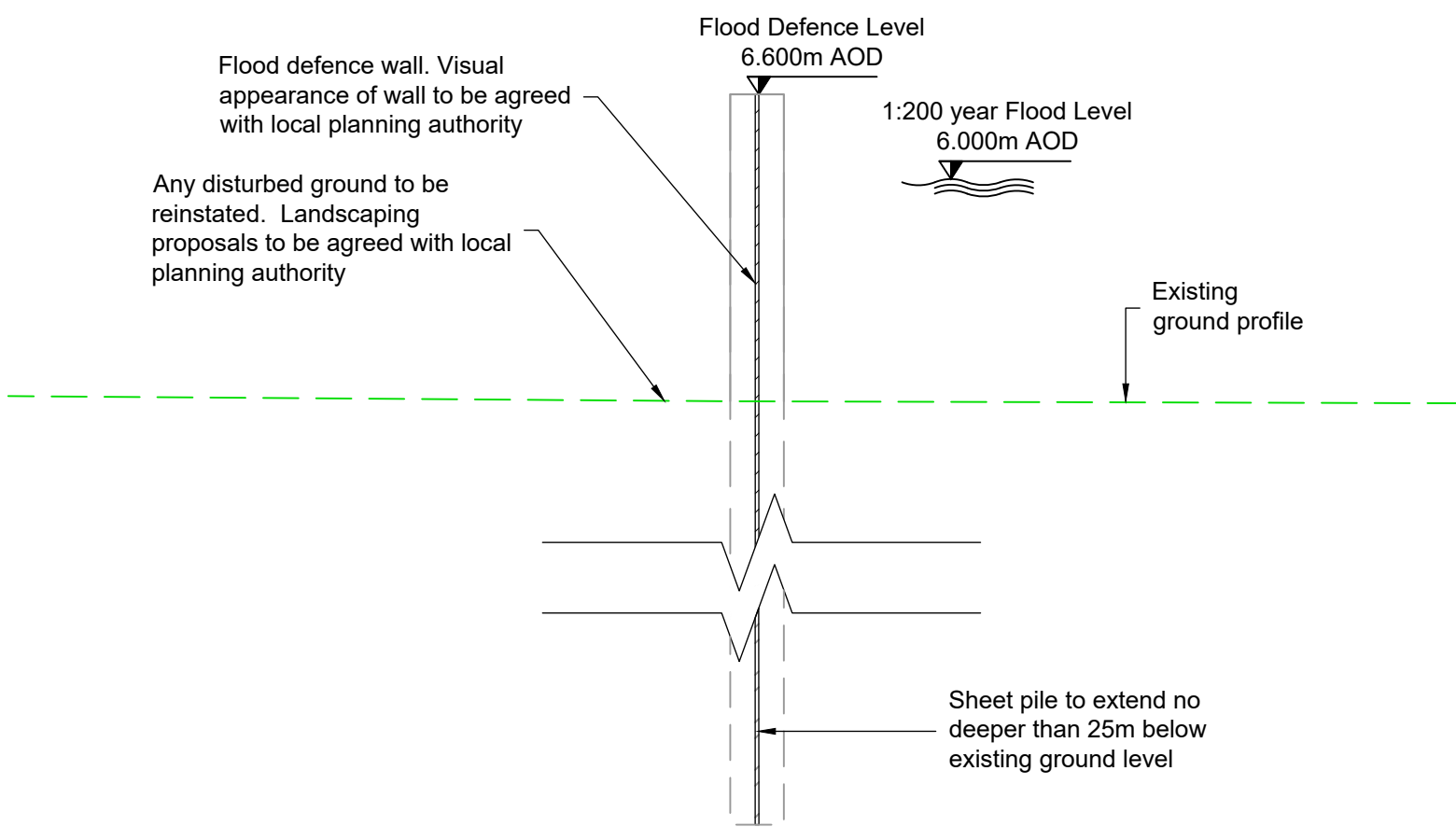
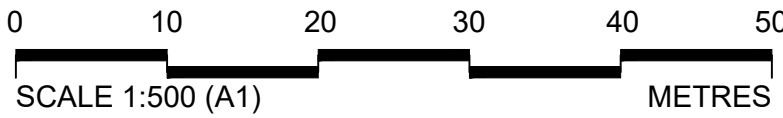
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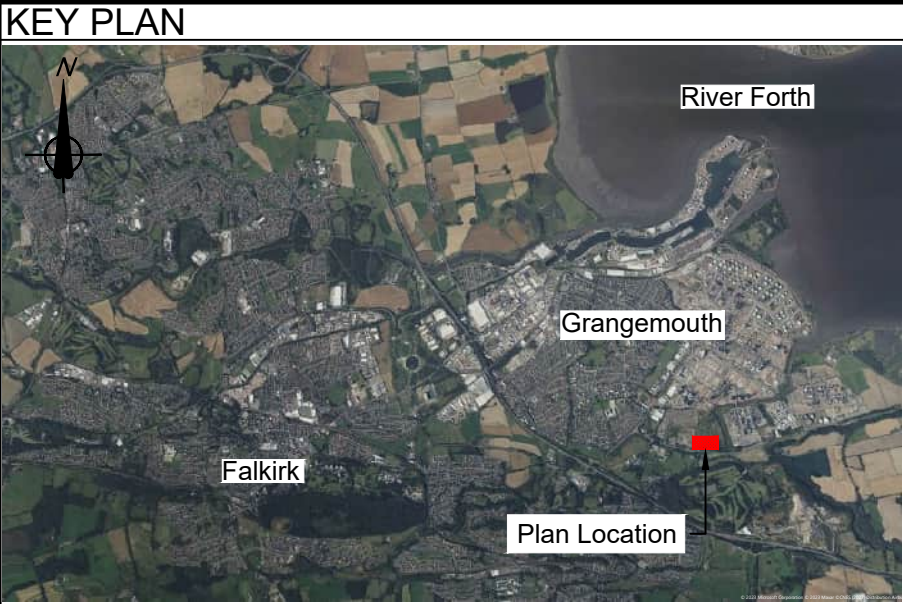
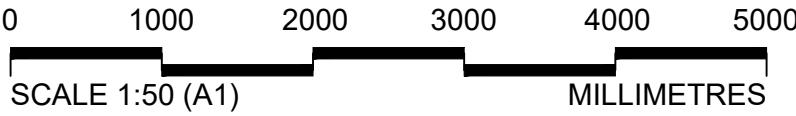
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PLAN



SECTION A-A



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Existing ground profile	—
Proposed flood defence embankment	—
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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
Section location mark	—

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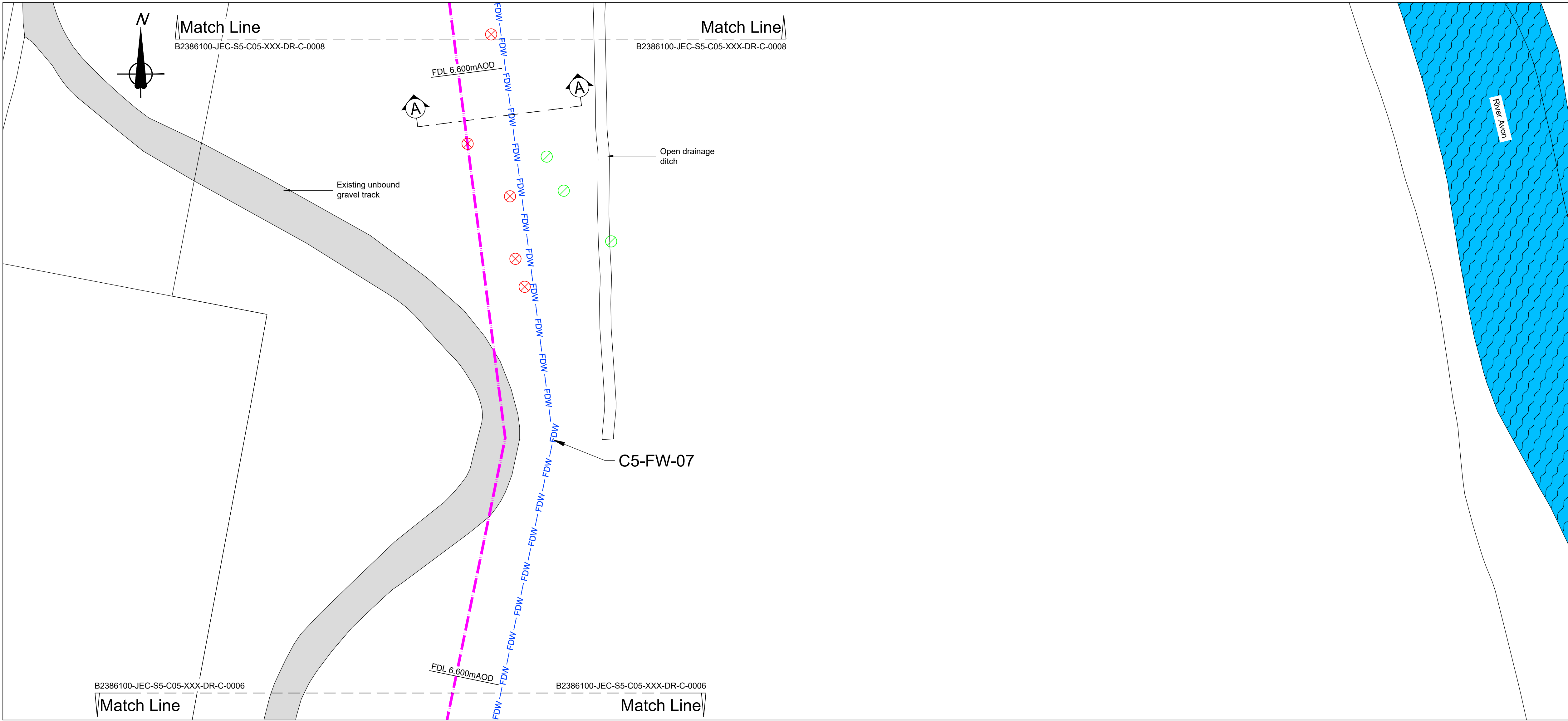
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Project
**GRANGEMOUTH FLOOD PROTECTION
SCHEME**

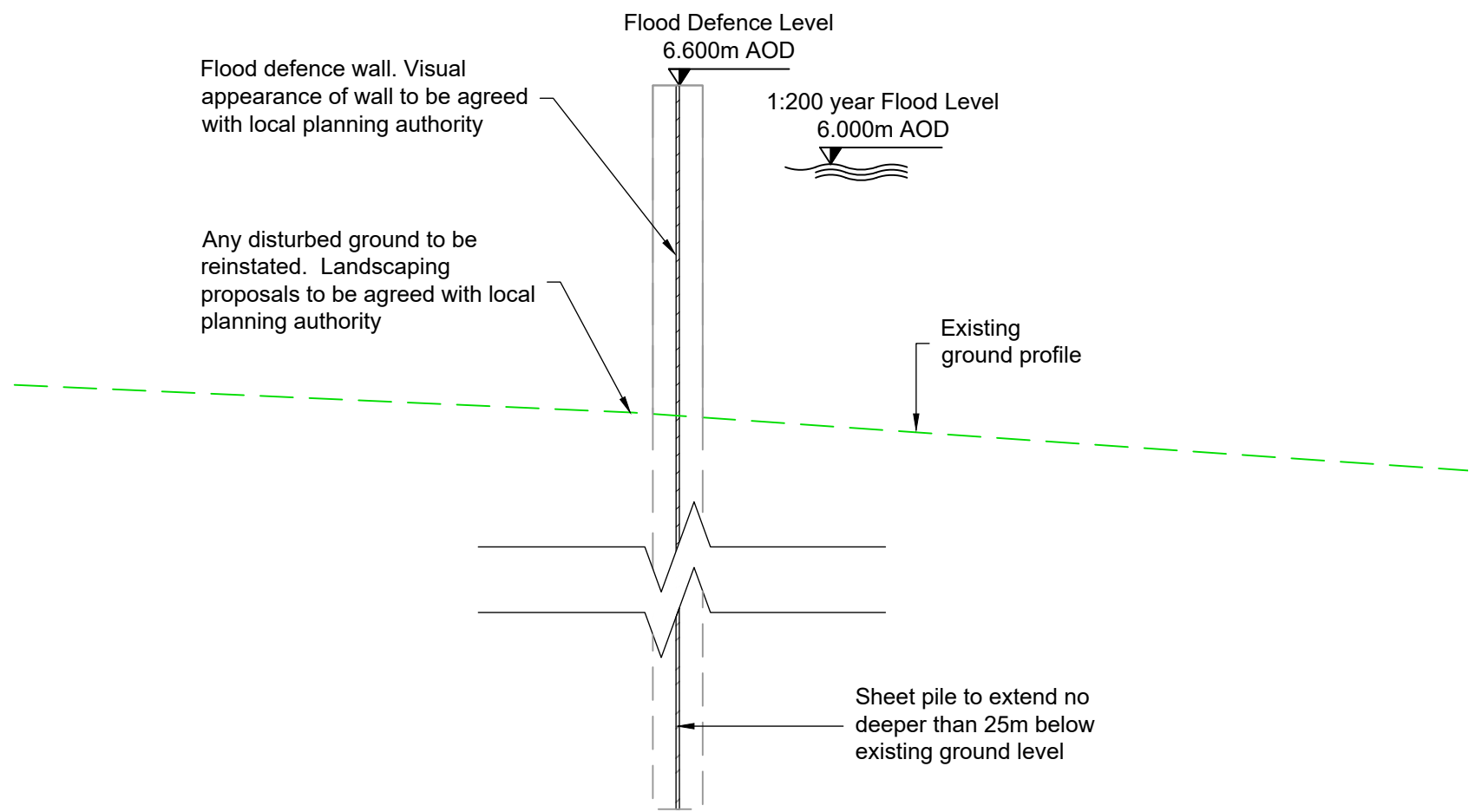
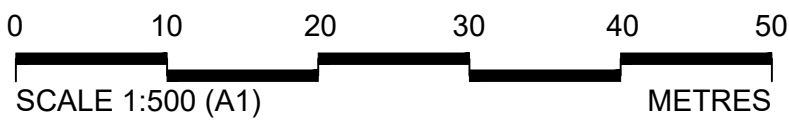
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**CELL 5
OPERATIONS
SHEET 6**

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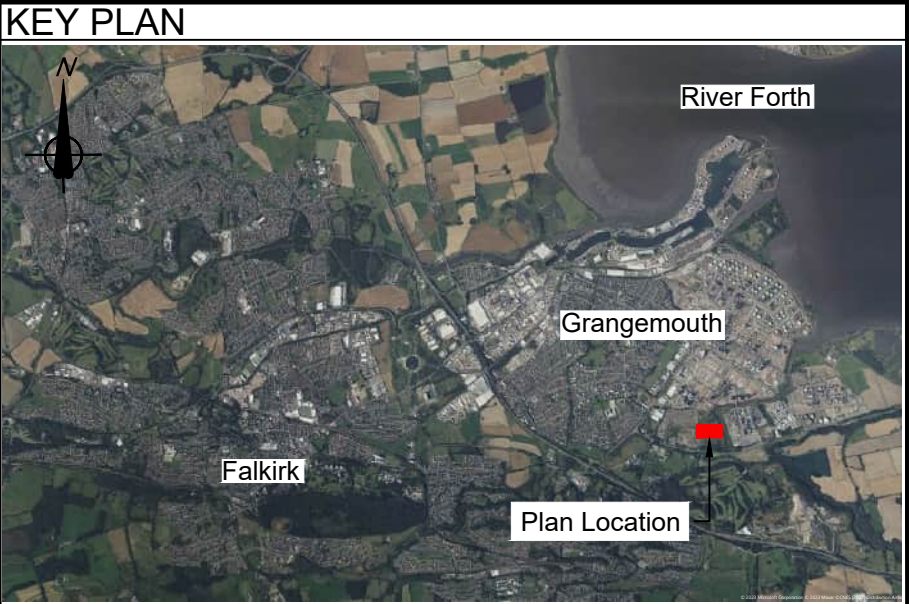
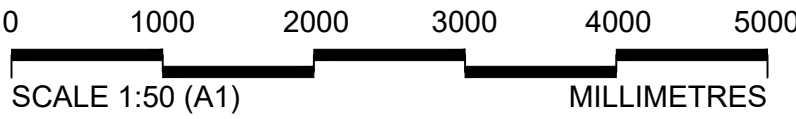
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PLAN



SECTION A-A



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Engineered fill	---
Soil improved ground	---
Proposed flood gate	---
Proposed demountable flood barrier	---
Change in Operation	---
Operation Reference	C1-FW-3
Section location mark	---

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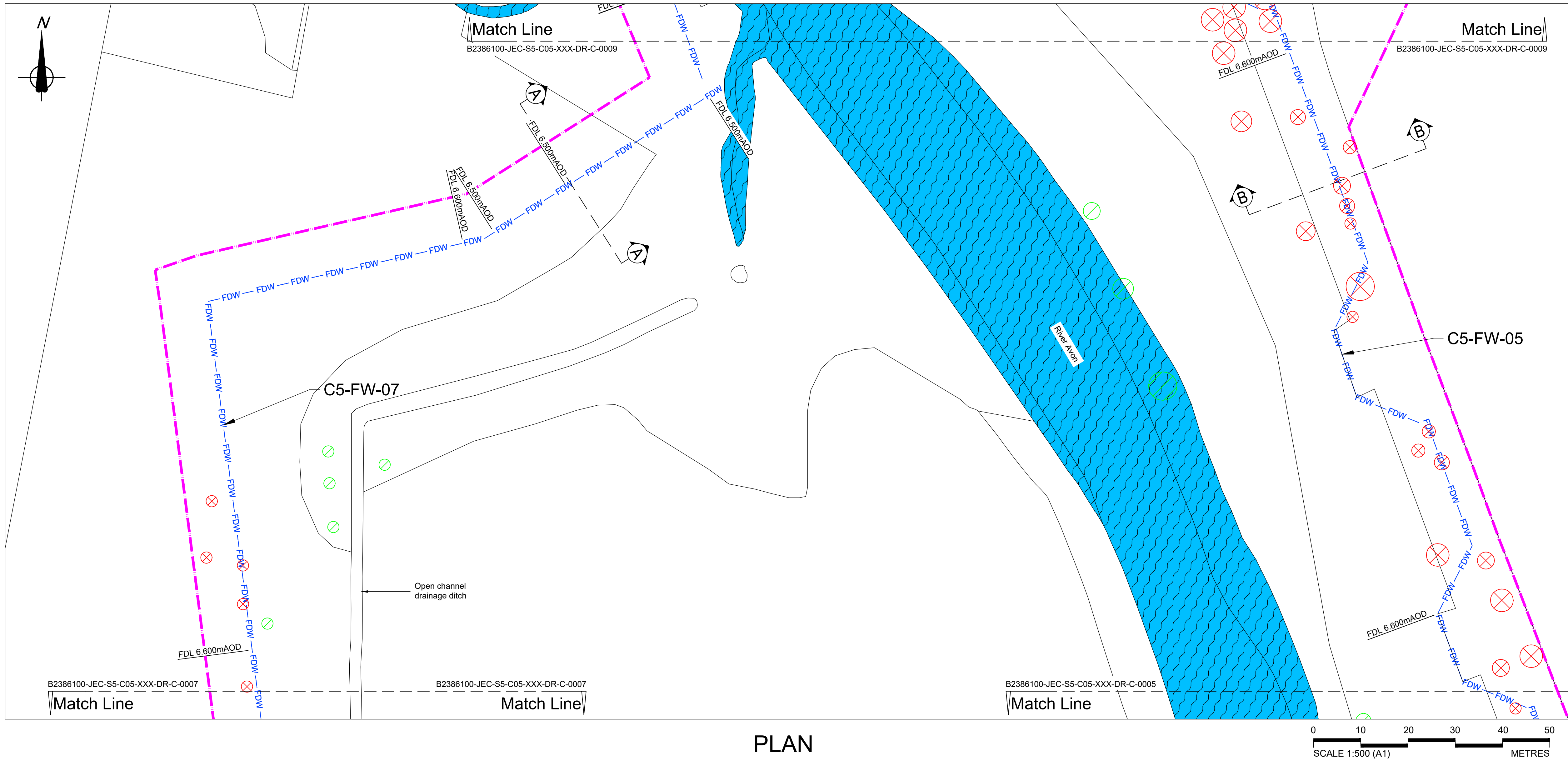
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Project
**GRANGEMOUTH FLOOD PROTECTION
SCHEME**

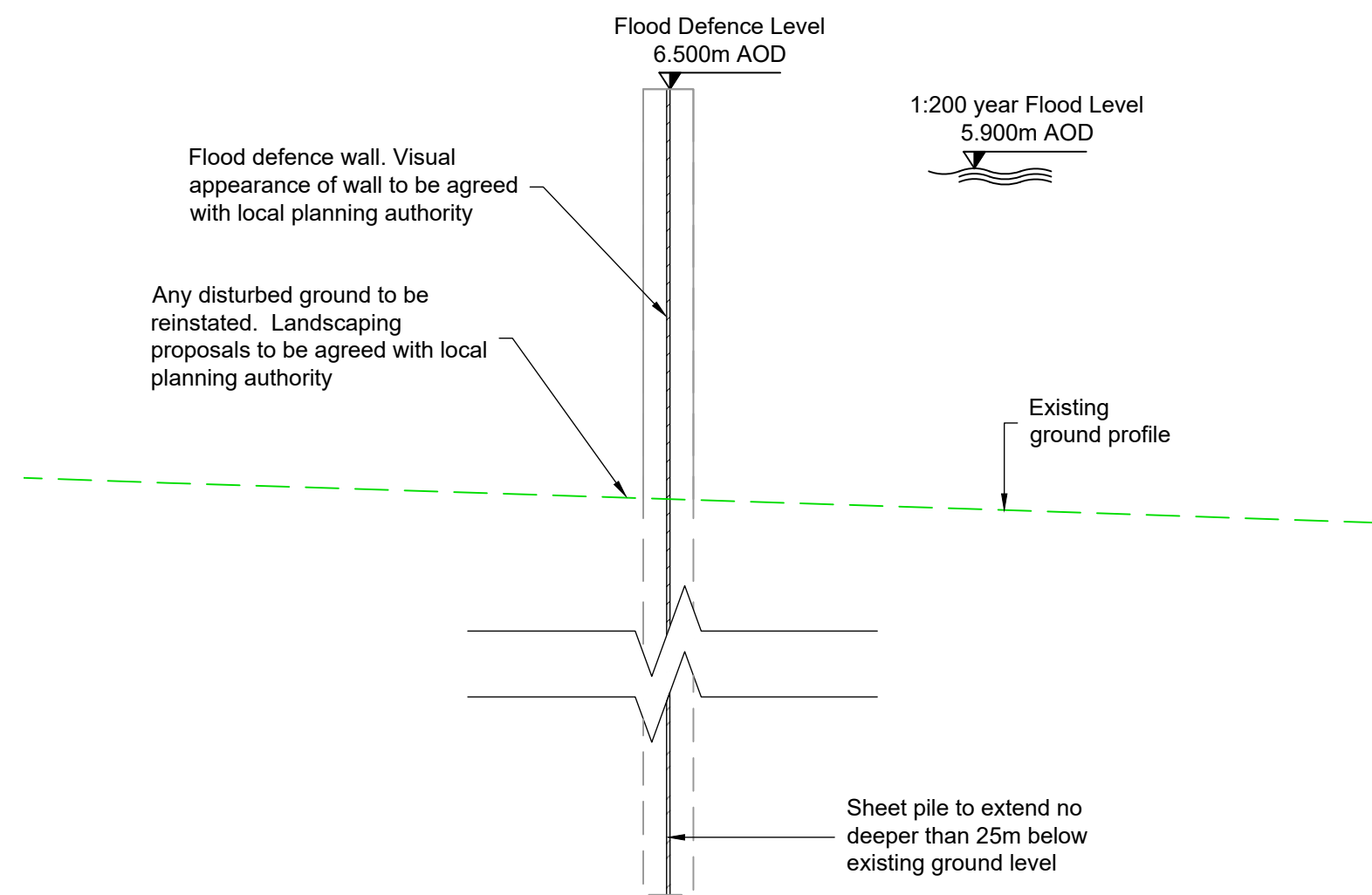
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OPERATIONS
SHEET 7**

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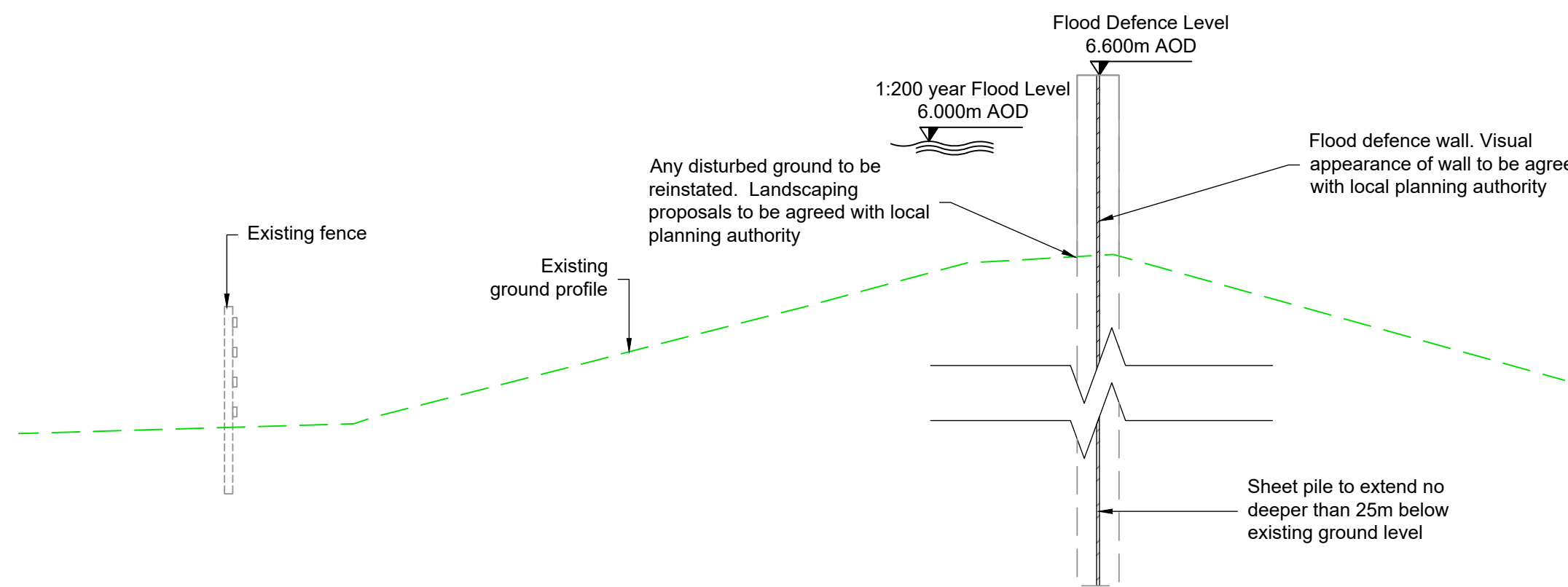
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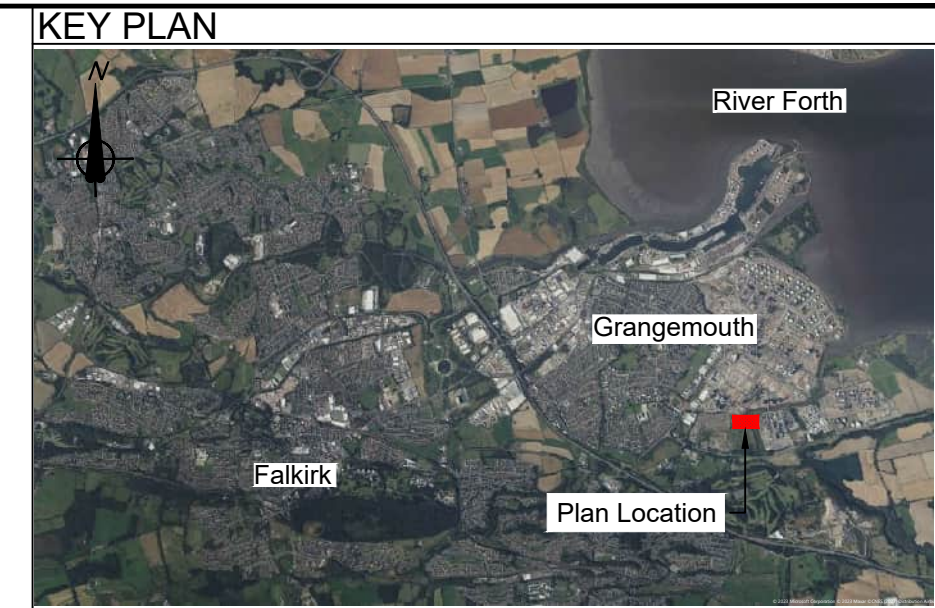
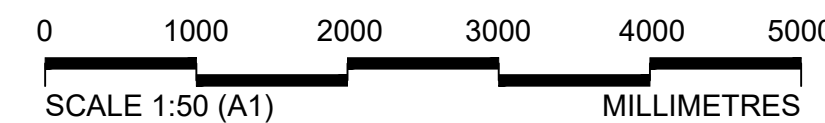
PLAN



SECTION A - A



SECTION B - B



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Section location mark	---

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Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

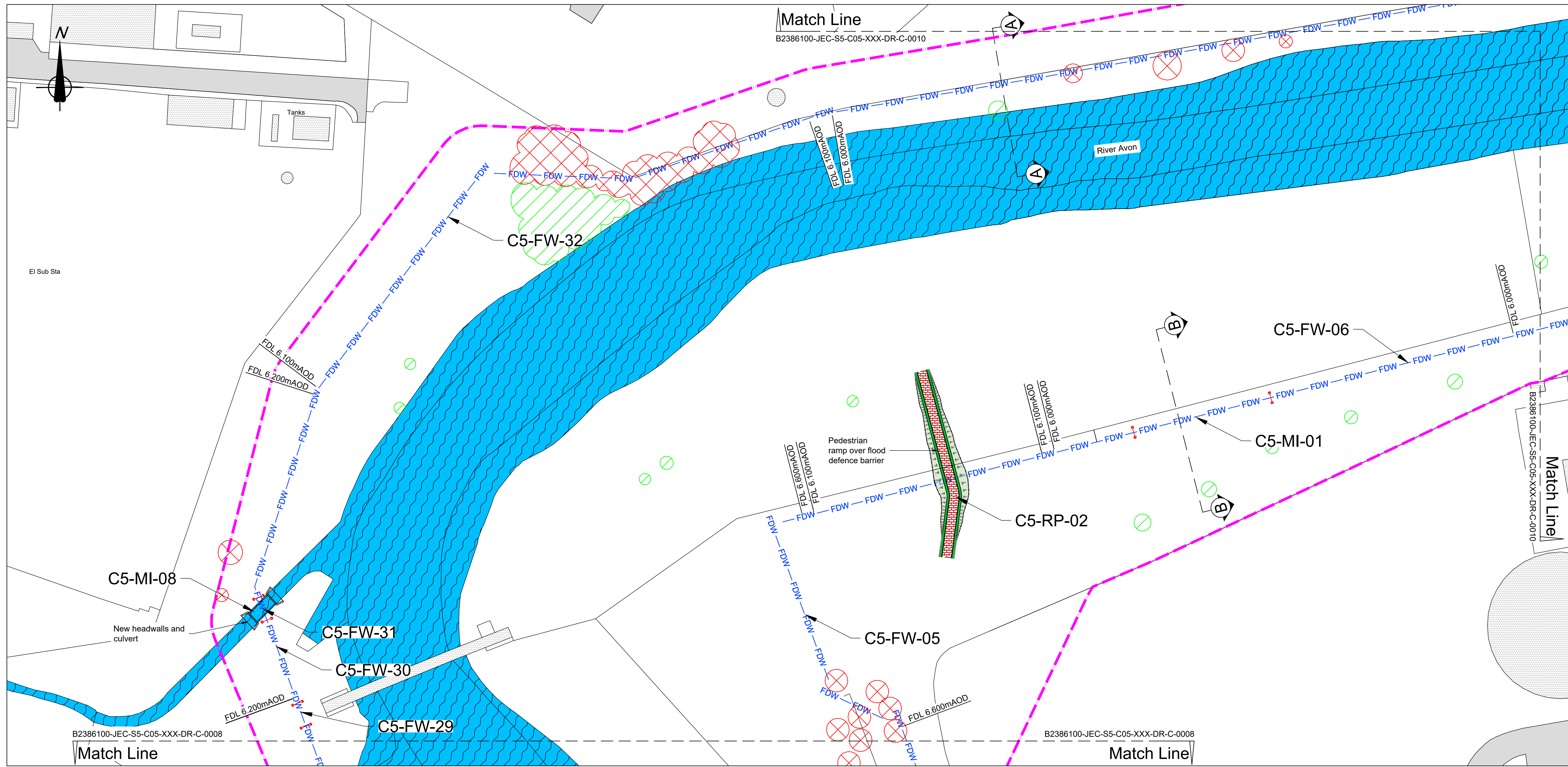
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CELL 5 OPERATIONS SHEET 8

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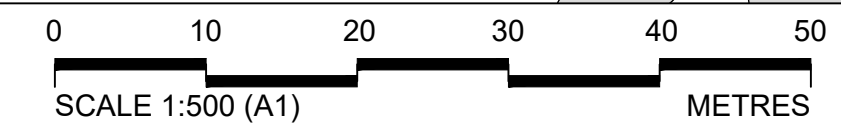
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Jacobs No.	B2386100	Rev
Client no.		P01

Drawing number
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PLAN



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Abbreviations

FDW	Flood Defence Wall
FB	Flood Barrier
FG	Flood Gate
FDL	Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD	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
Section location mark	

P01	01/05/24	ISSUED FOR PUBLICATION	JD	RM	SS	AM
Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Appr'd

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Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

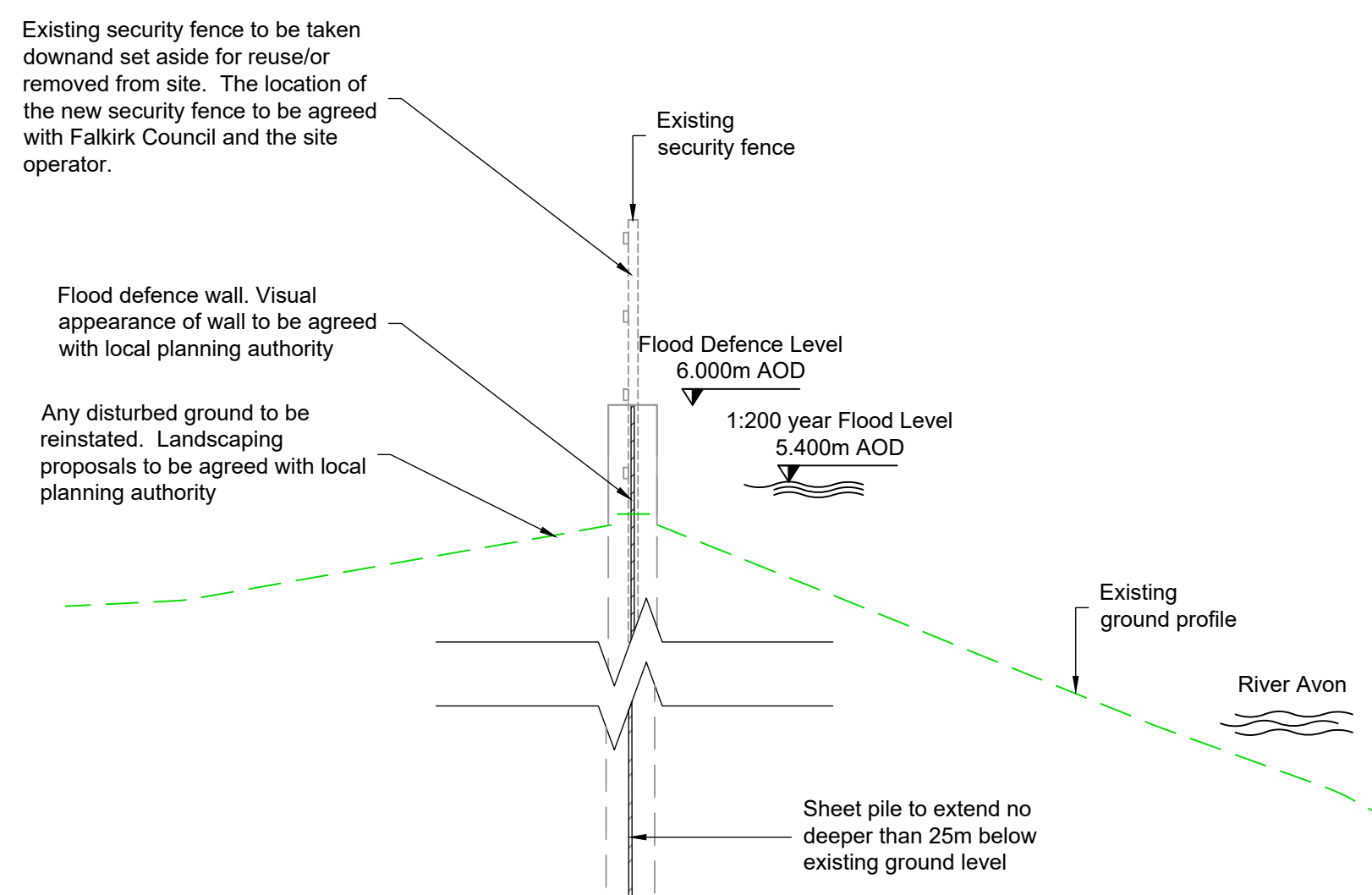
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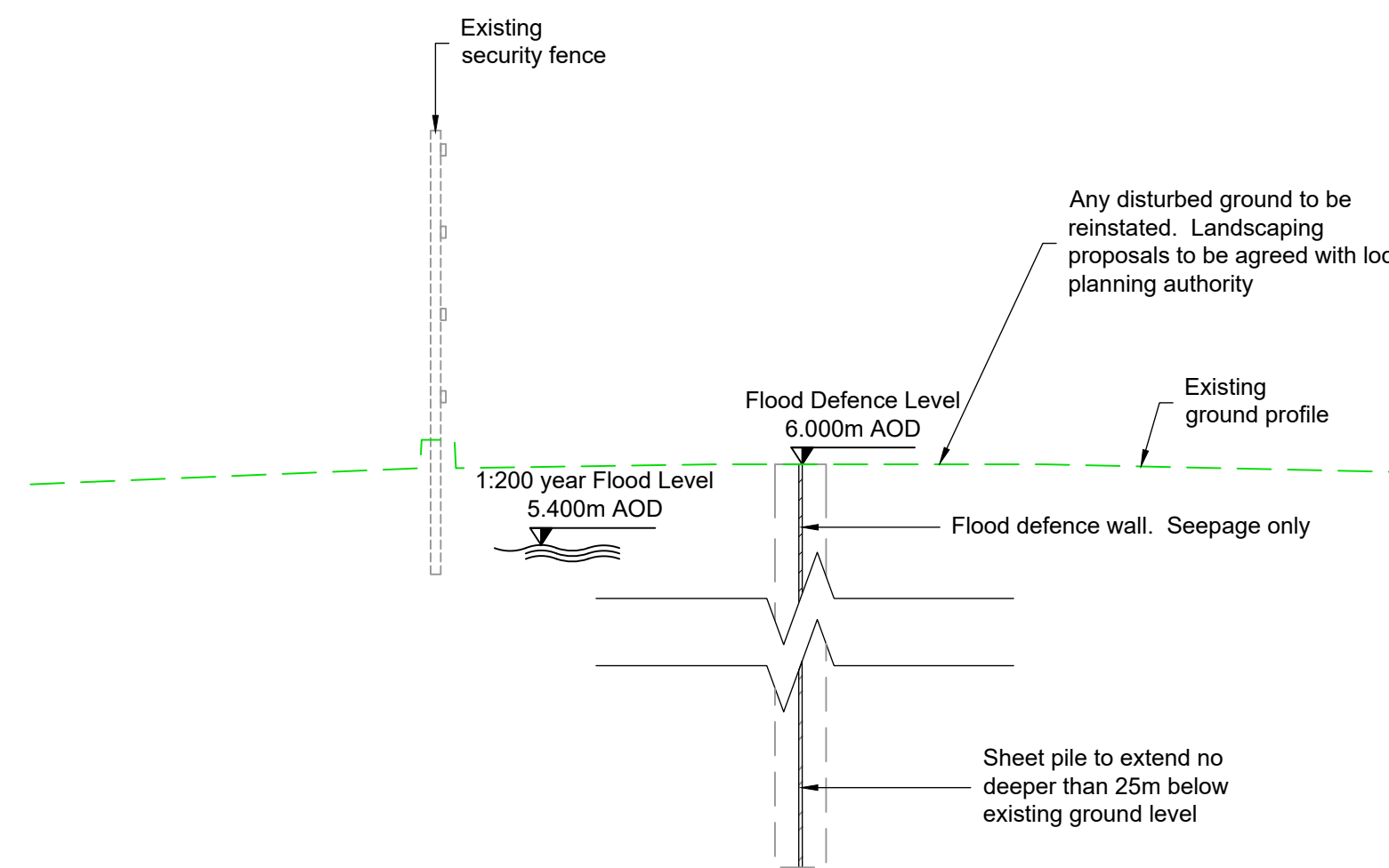
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Client no.		P01

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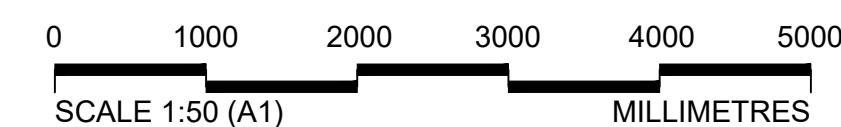
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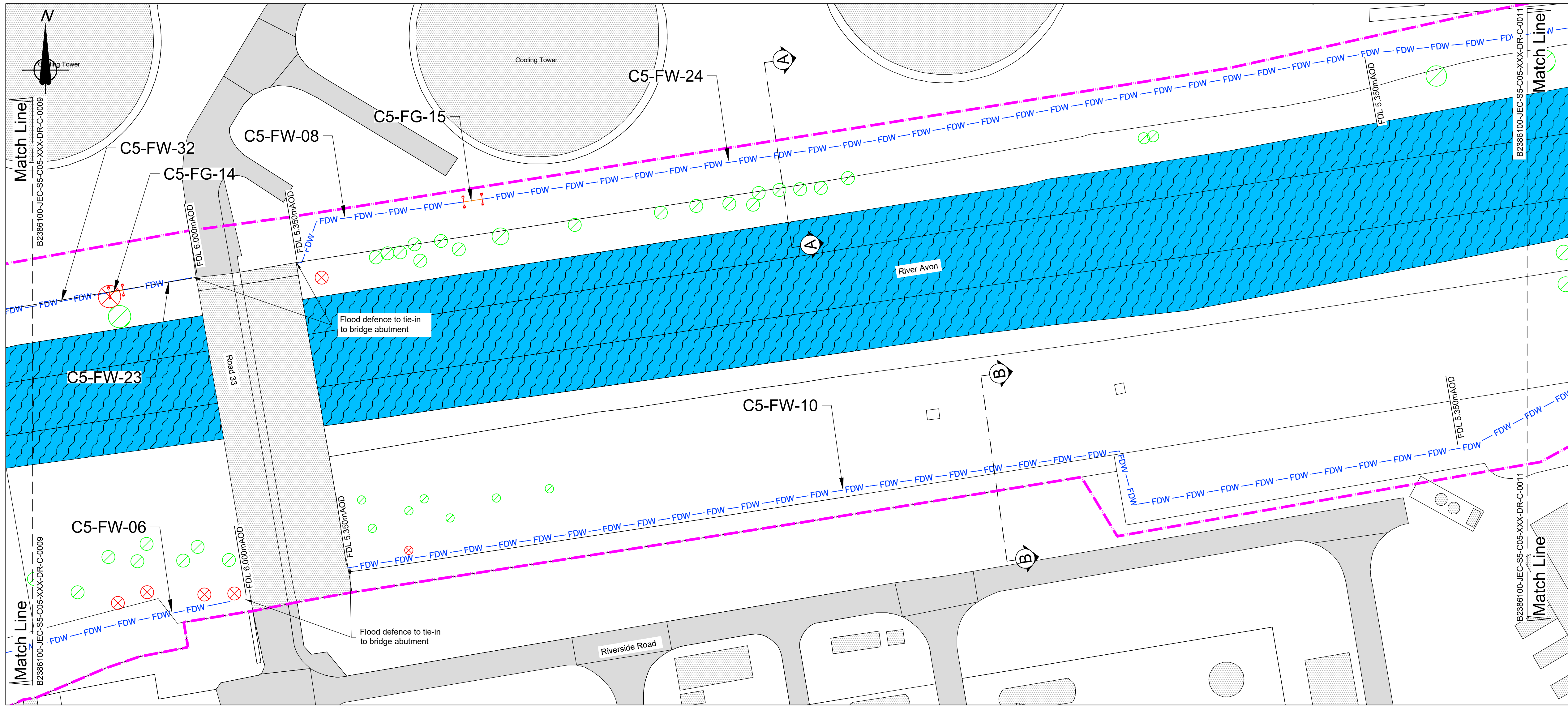


SECTION A - A

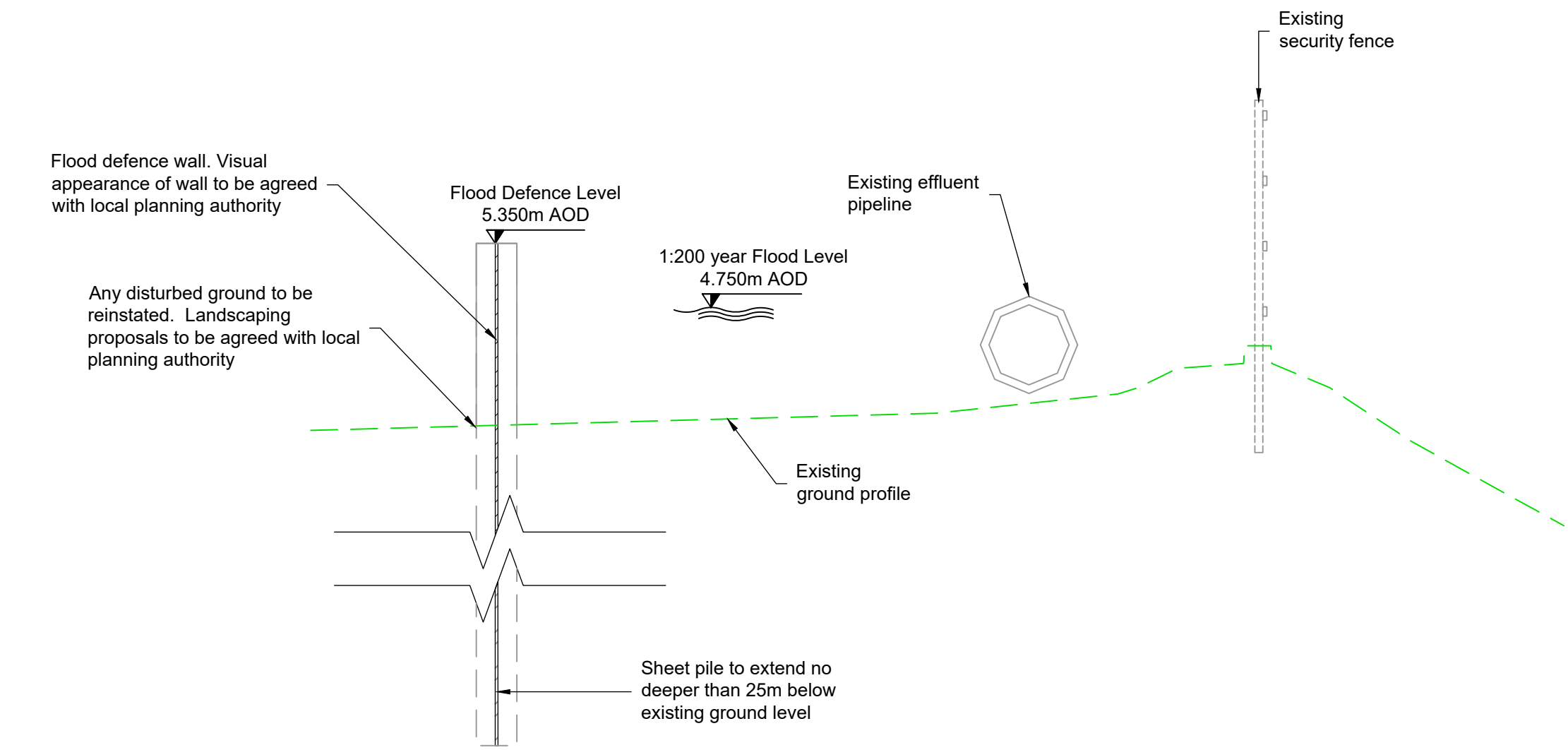


SECTION B - B

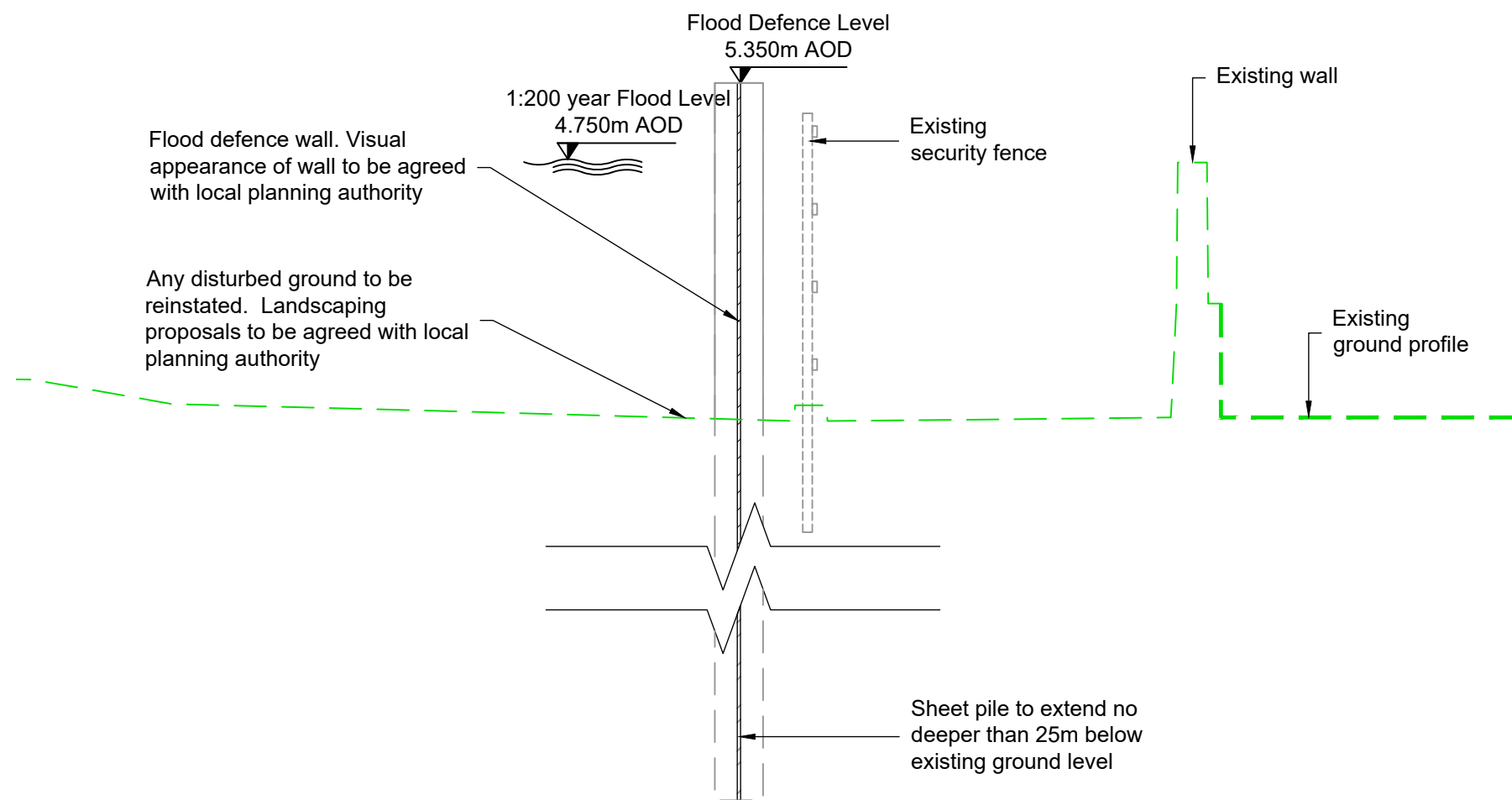




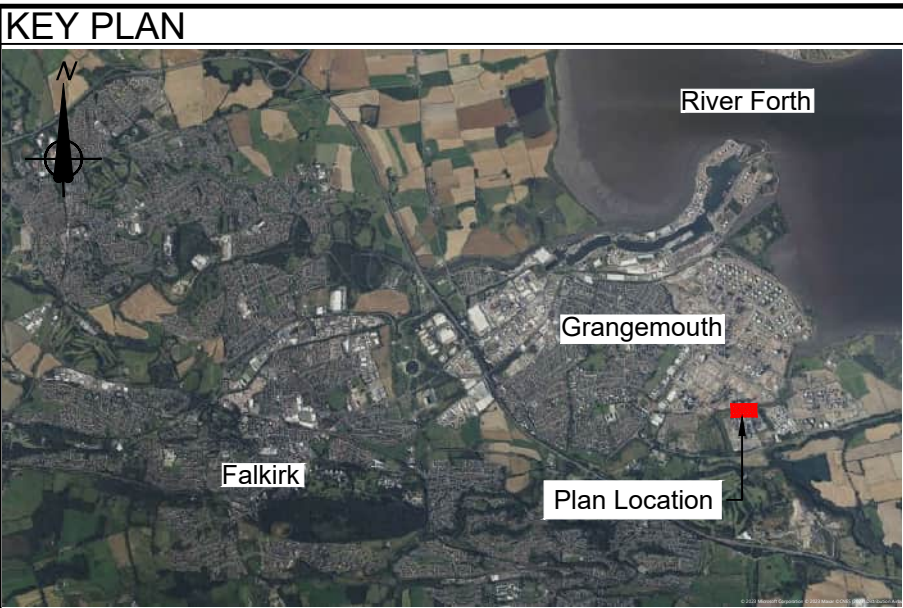
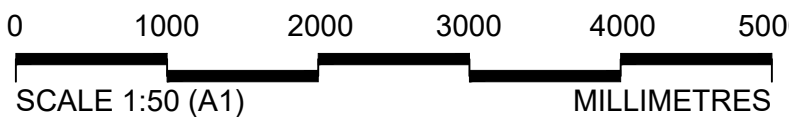
PLAN



SECTION A-A



SECTION B-B



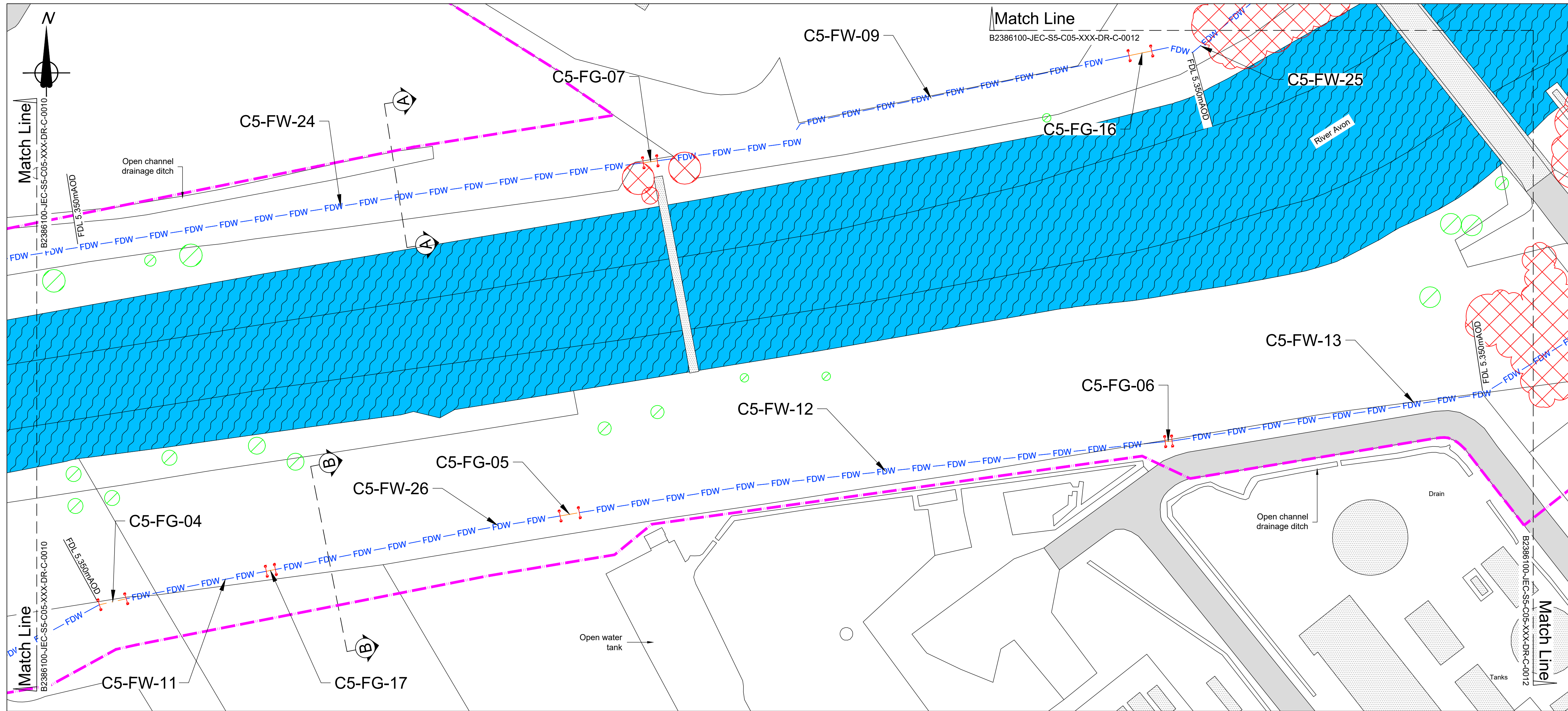
- GENERAL NOTES**
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Abbreviations

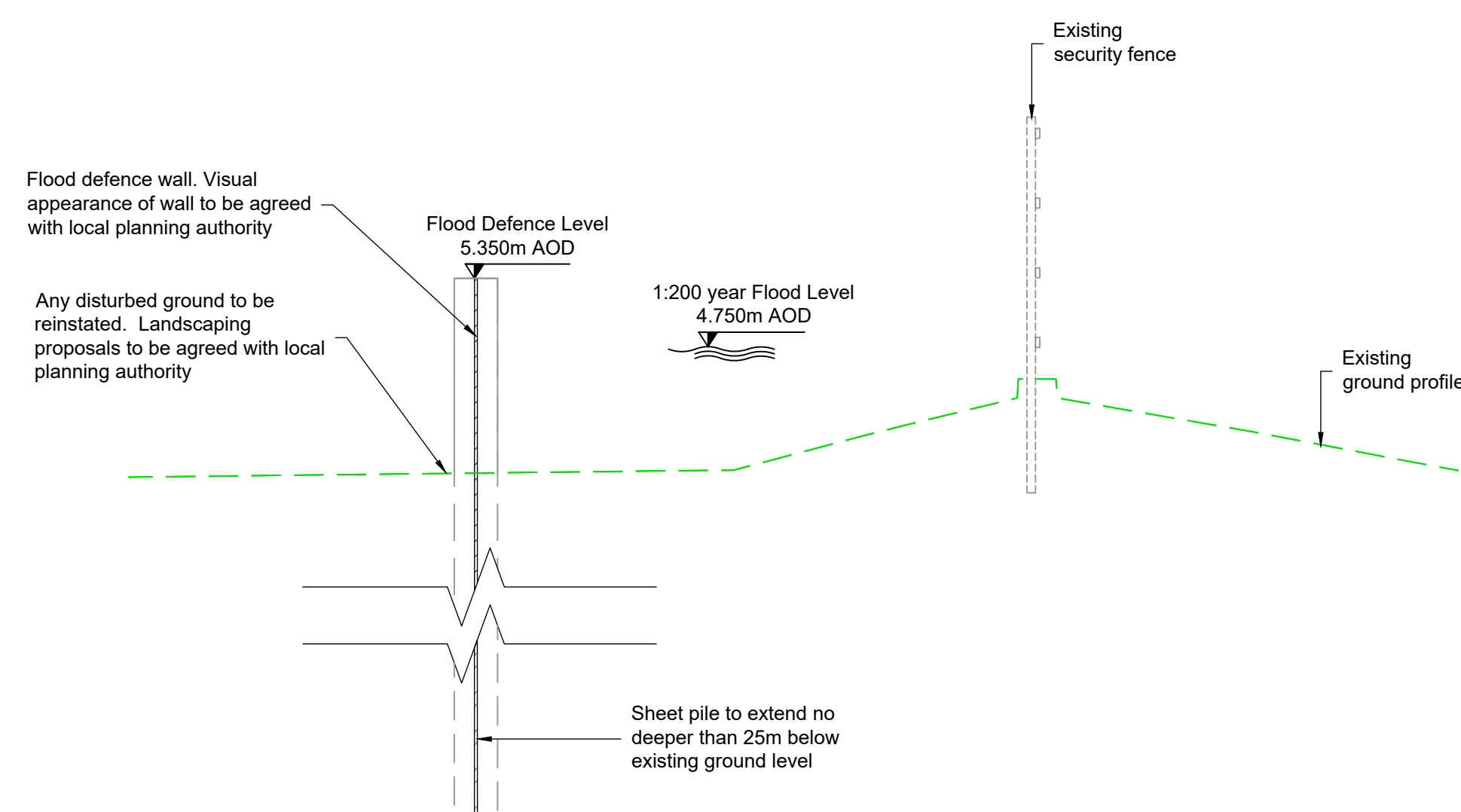
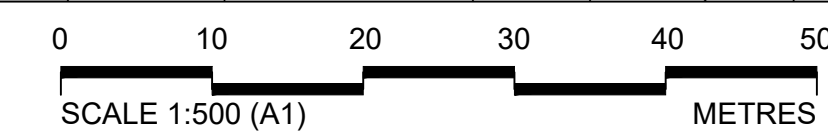
FDW Flood Defence Wall
FB Flood Barrier
FG Flood Gate
FDL Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD Meters Above Ordnance Datum

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
Section location mark	—

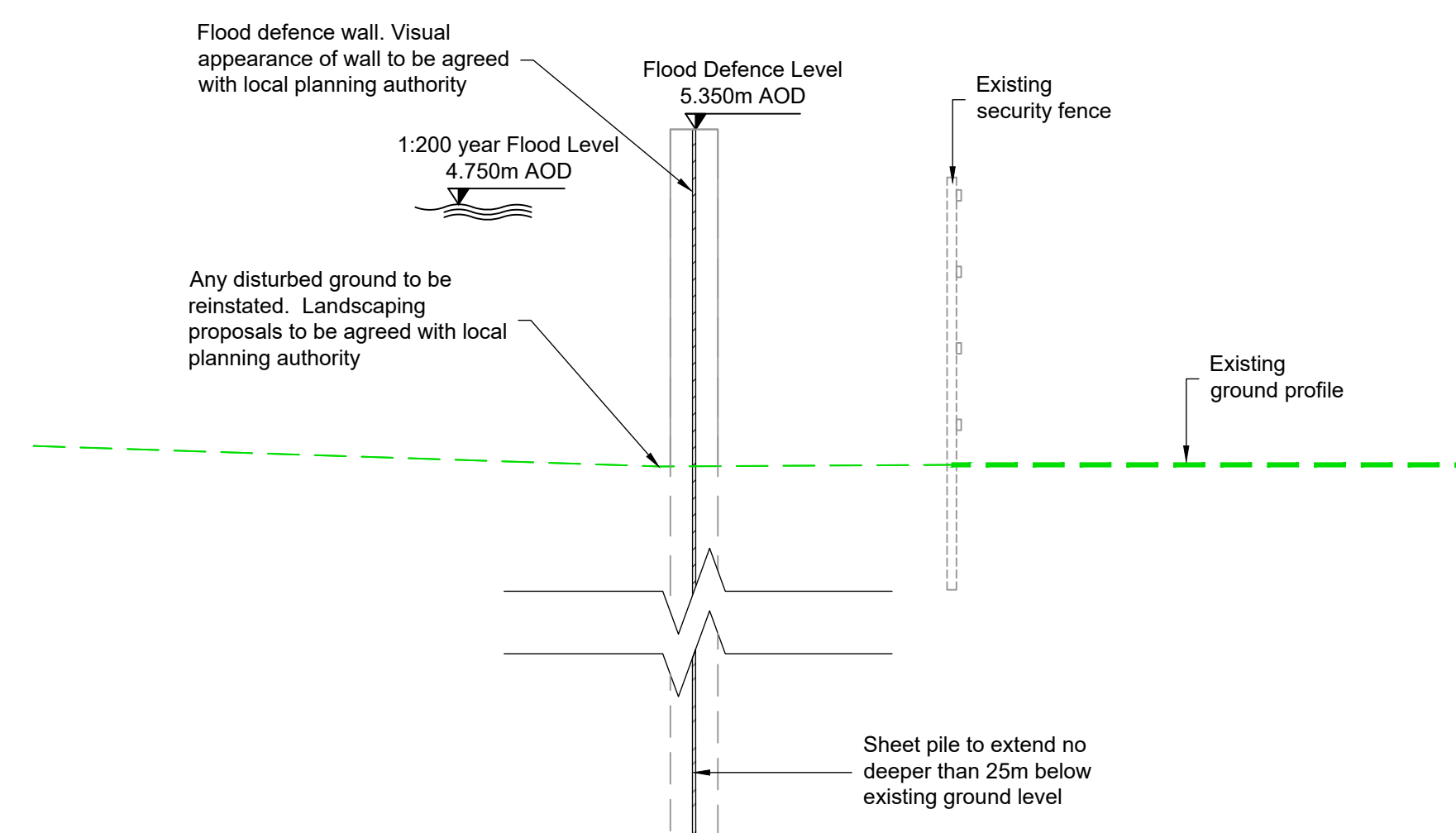
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Project GRANGEMOUTH FLOOD PROTECTION SCHEME						
Drawing title CELL 5 OPERATIONS SHEET 10						
Drawing status S8-SUITABLE FOR STATUTORY CONSENTS						
Scale 1:500		DO NOT SCALE				
Jacobs No. B2386100		Rev P01				
Client no.		Drawing number B2386100-JEC-S5-C05-XXX-DR-C-0010				
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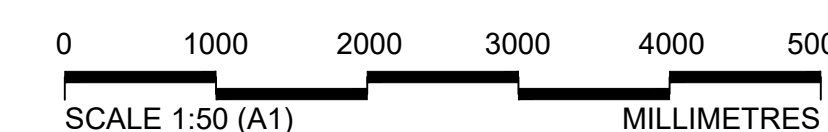
PLAN



SECTION A - A



SECTION B - B



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Abbreviations

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FB	Flood Barrier
FG	Flood Gate
FDL	Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD	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
Section location mark	—

P01	01/05/24	ISSUED FOR PUBLICATION	JD	RM	SS	AM
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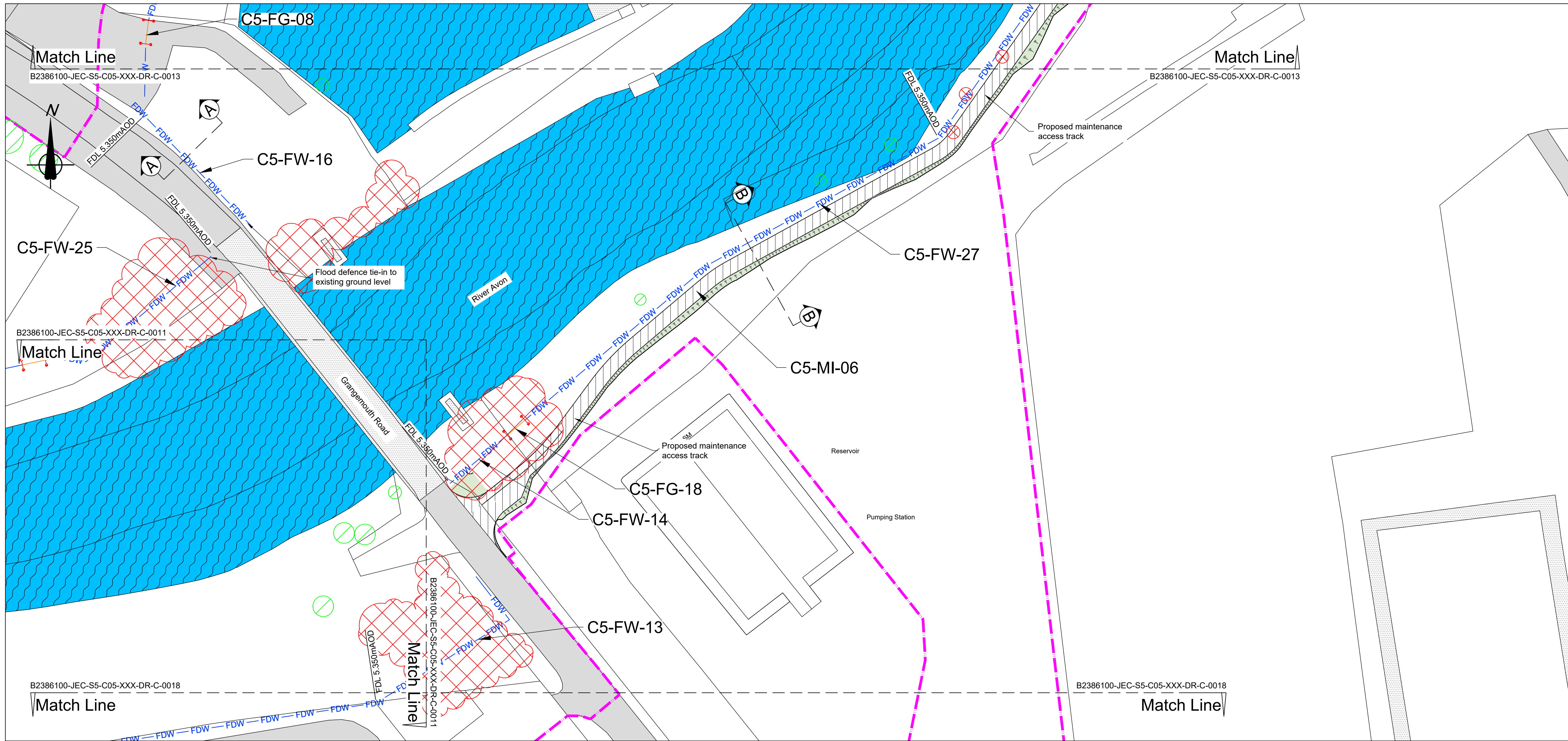
Project: **GRANGEMOUTH FLOOD PROTECTION SCHEME**

Drawing title: **CELL 5 OPERATIONS SHEET 11**

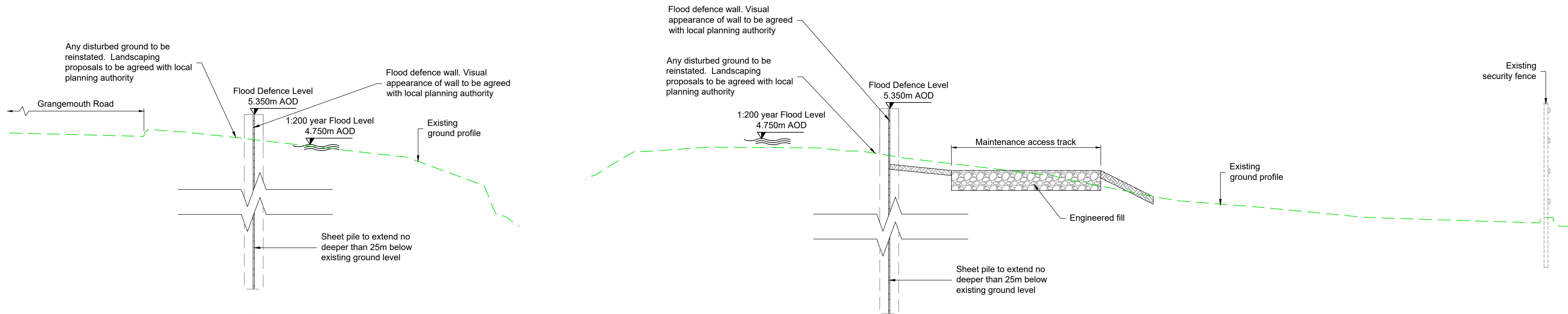
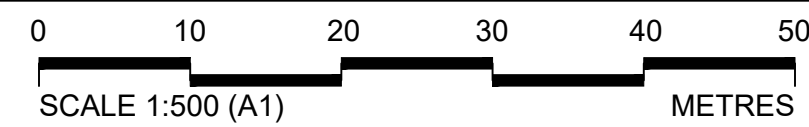
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Client no.		P01

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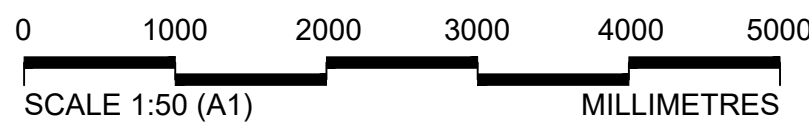


PLAN



SECTION A - A

SECTION B - B



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Abbreviations

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FB	Flood Barrier
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FDL	Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD	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

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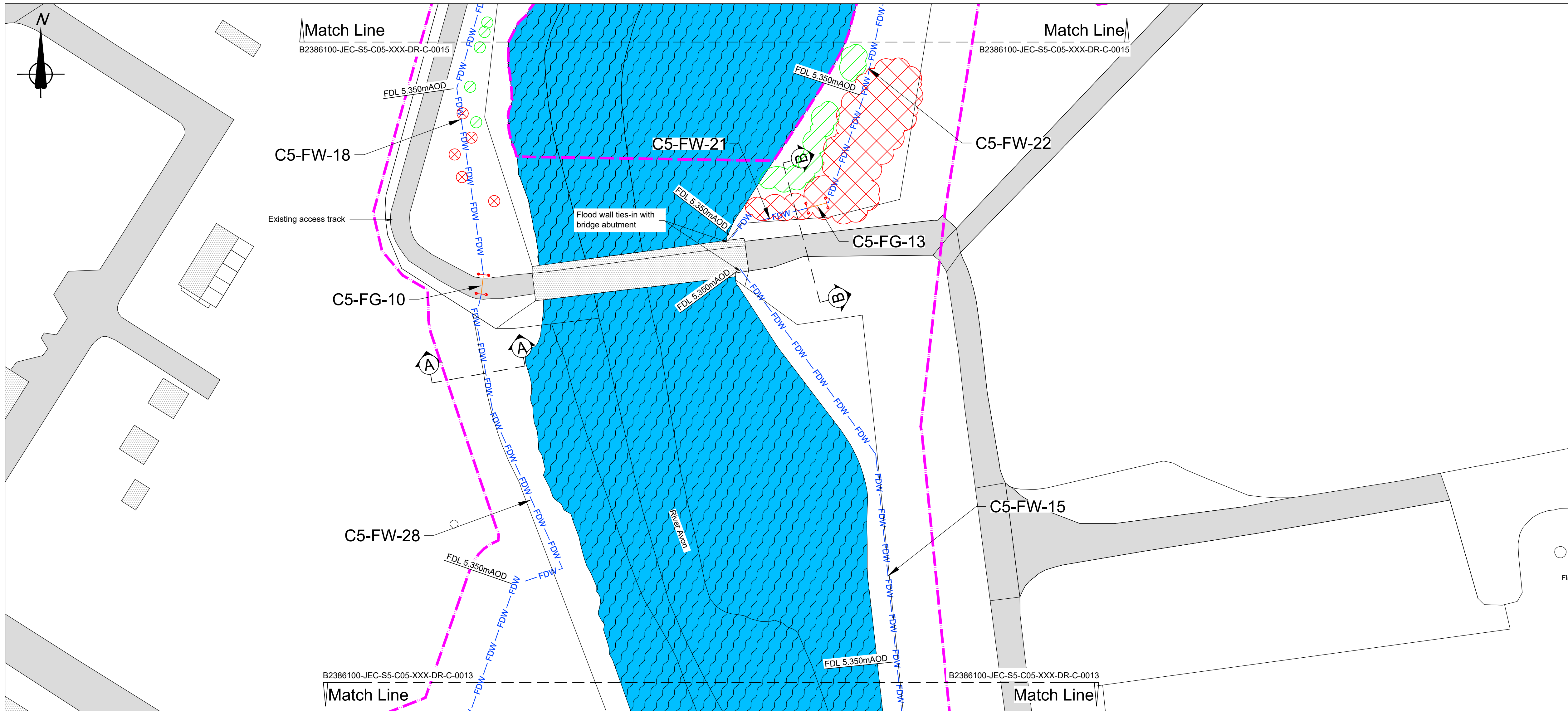
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Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

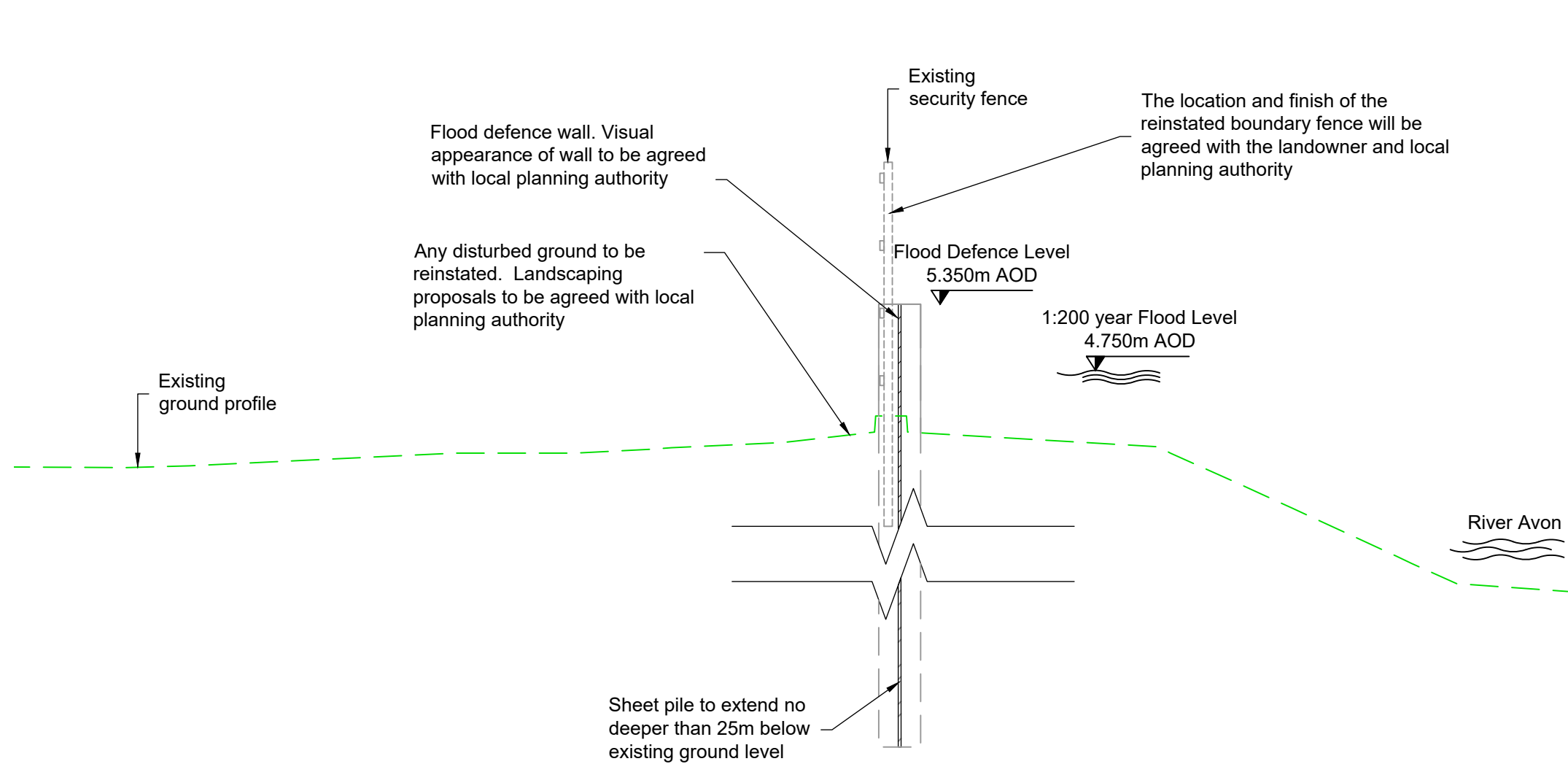
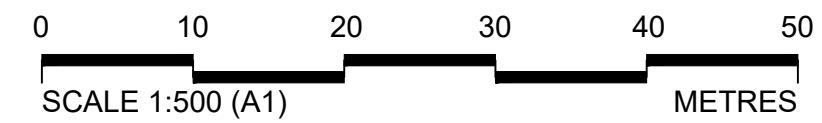
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Client no.					
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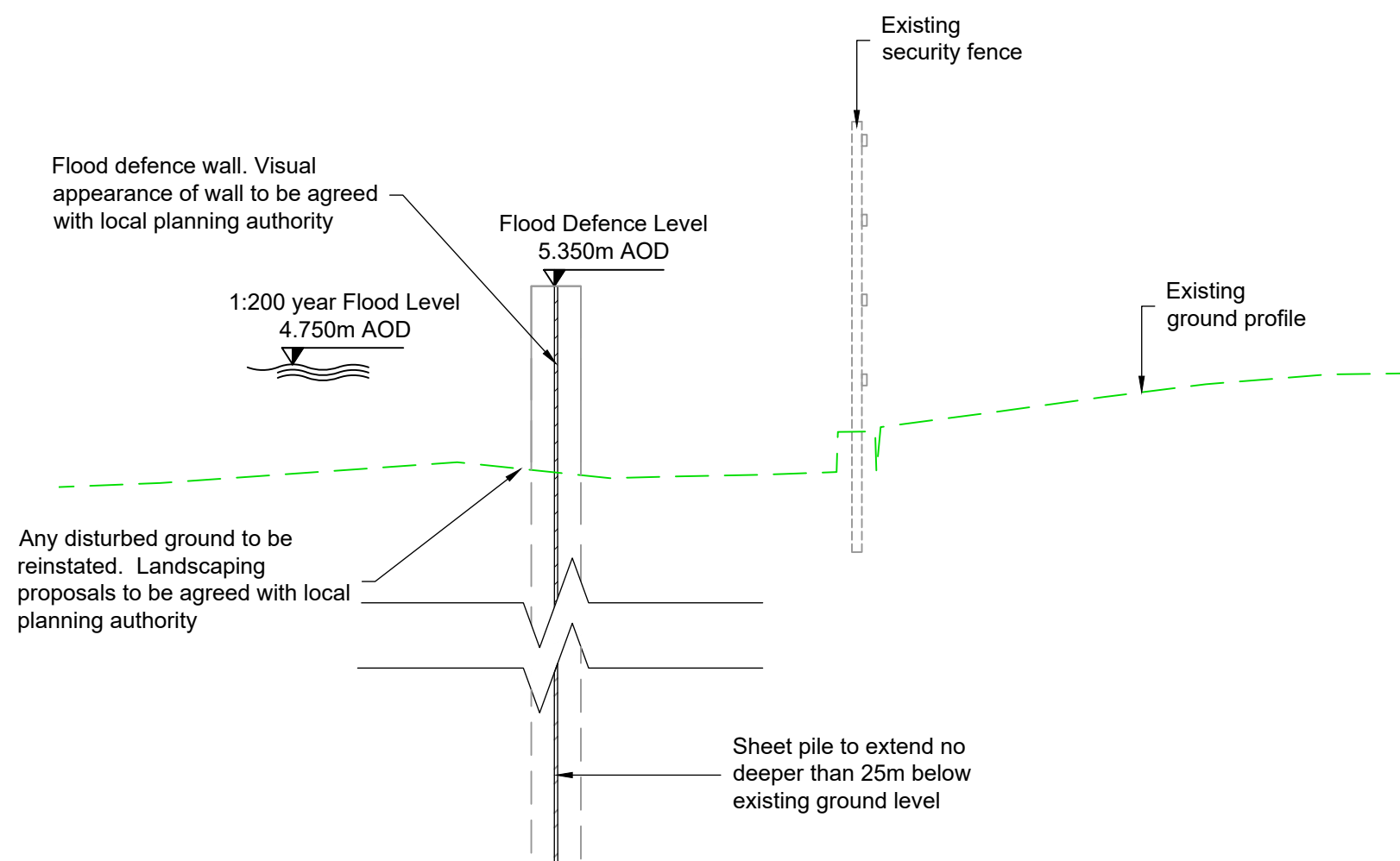
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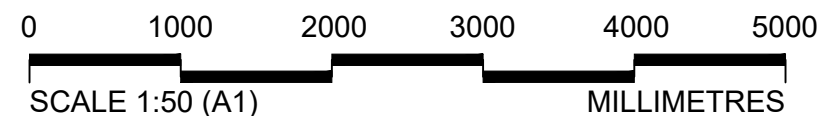
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SECTION A - A



SECTION B - B



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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
Section location mark	—

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Project: **GRANGEMOUTH FLOOD PROTECTION SCHEME**

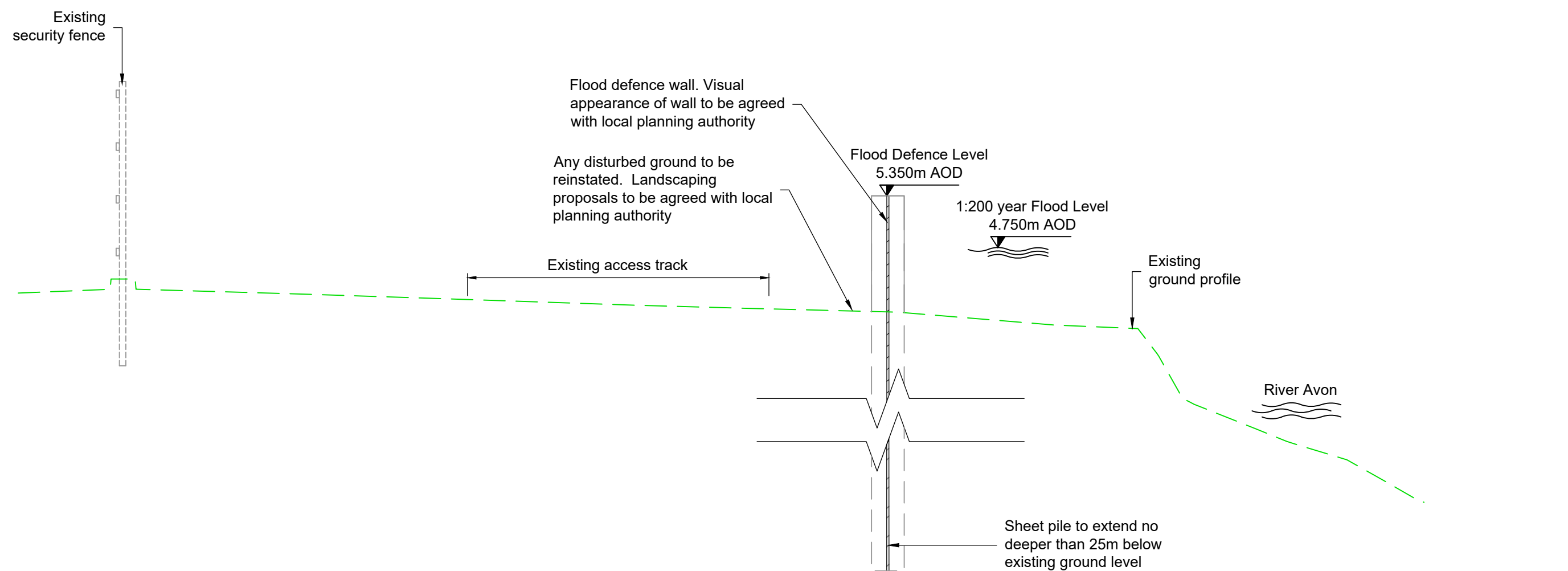
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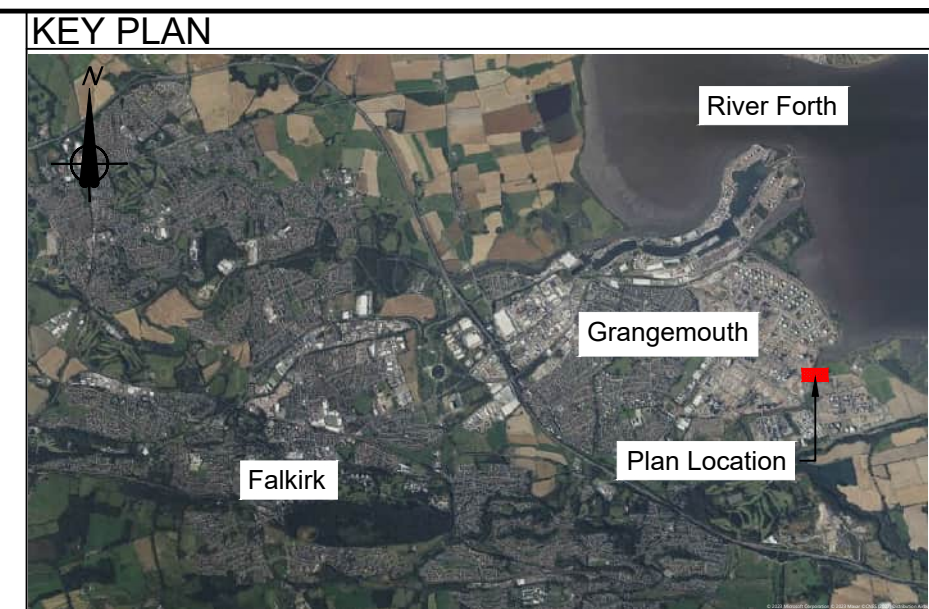
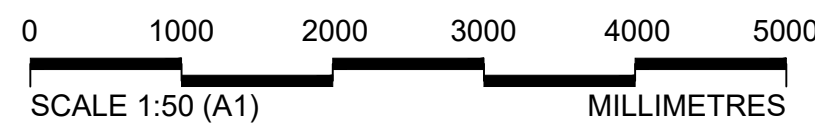
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PLAN



SECTION A-A



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- 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
- Section location mark

P01	01/05/24	ISSUED FOR PUBLICATION	JD	RM	SS	AM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

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grangemouthfps@falkirk.gov.uk

Project
**GRANGEMOUTH FLOOD PROTECTION
SCHEME**

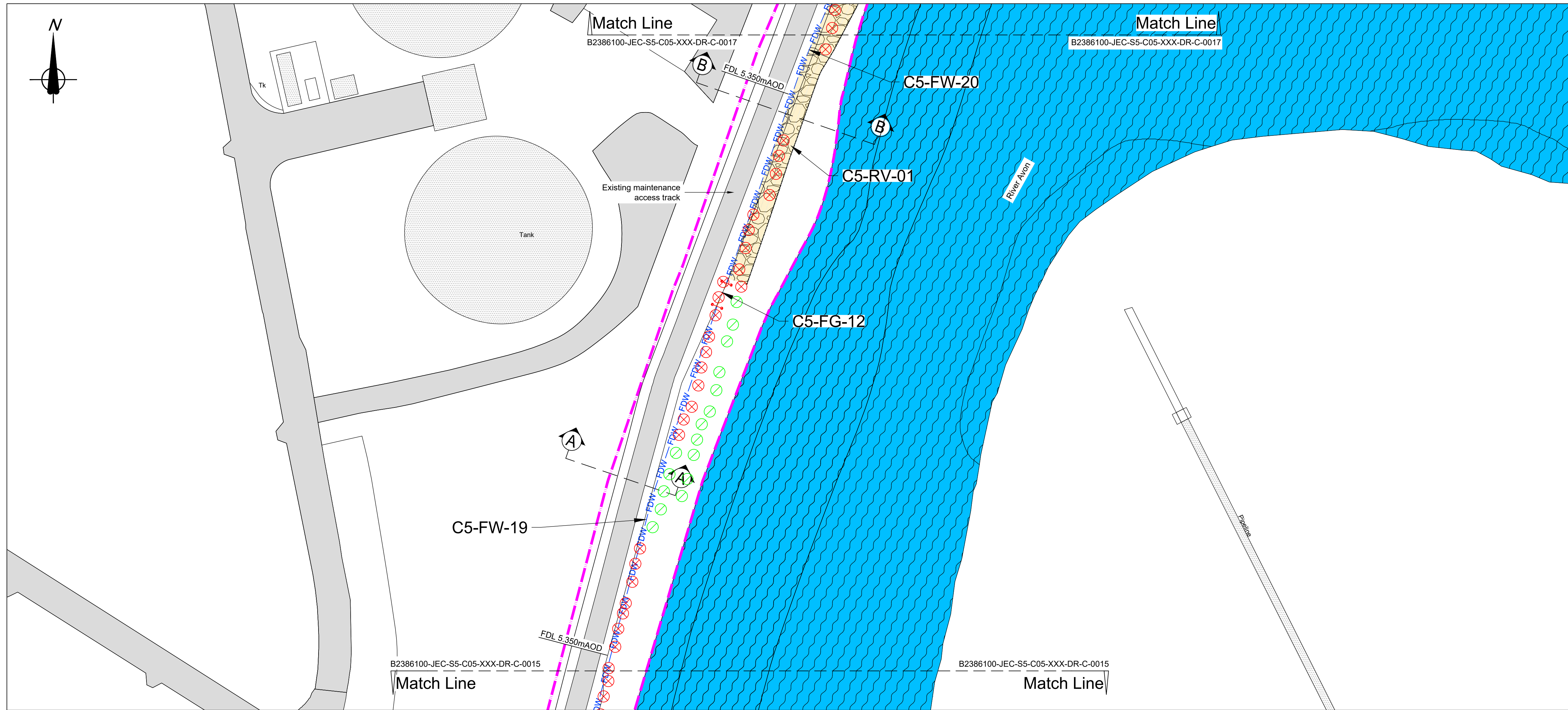
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OPERATIONS
SHEET 15**

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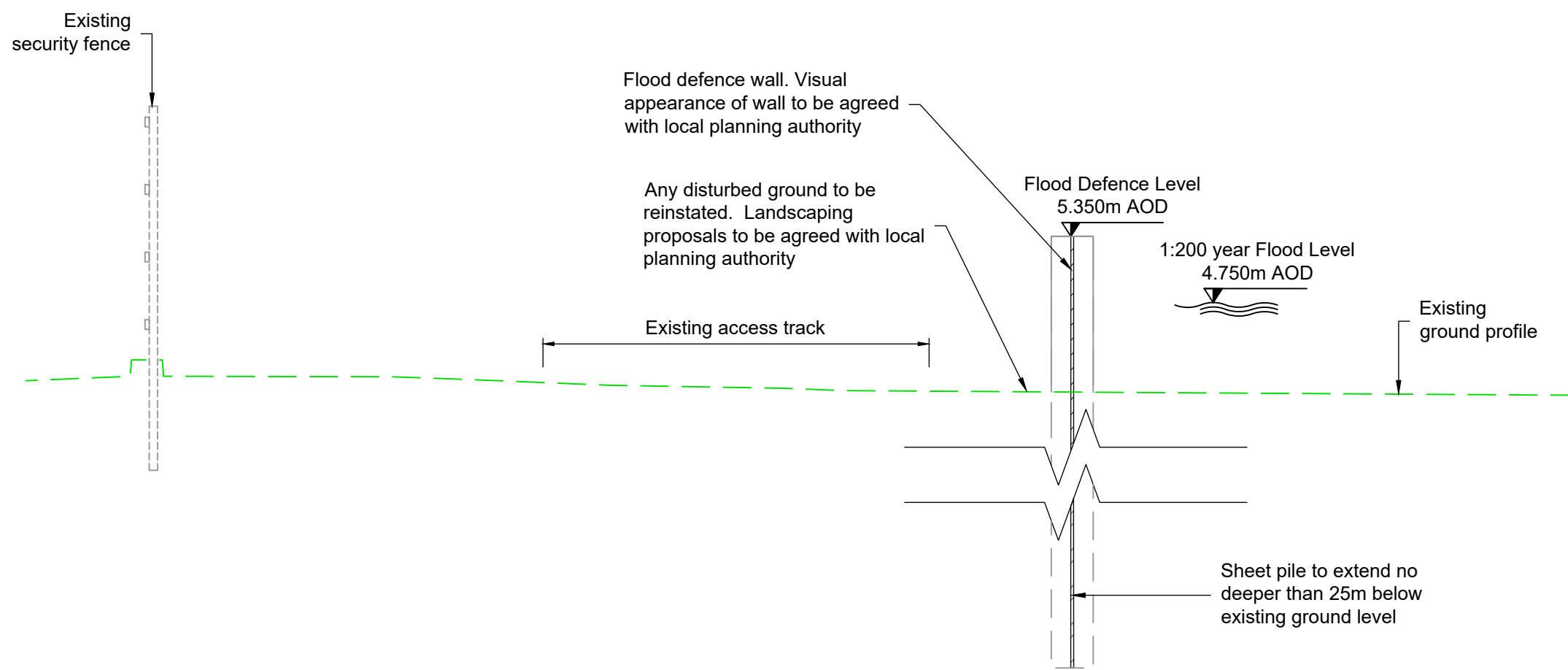
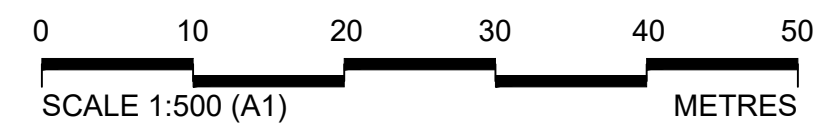
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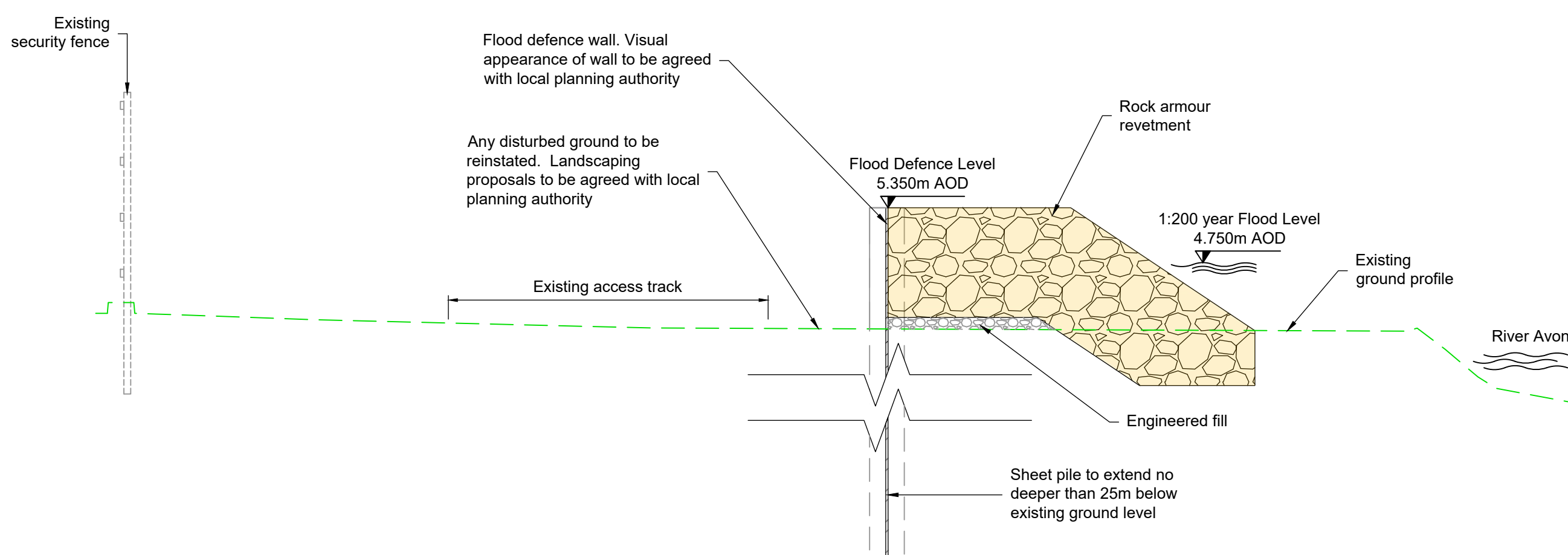
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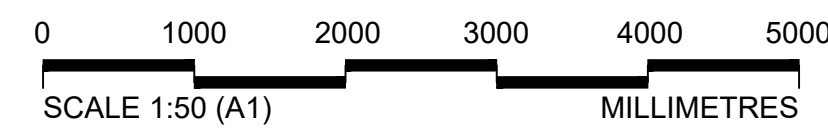
PLAN



SECTION A - A



SECTION B - B



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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
Section location mark	—

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grangemouthfps@falkirk.gov.uk

Project: **GRANGEMOUTH FLOOD PROTECTION SCHEME**

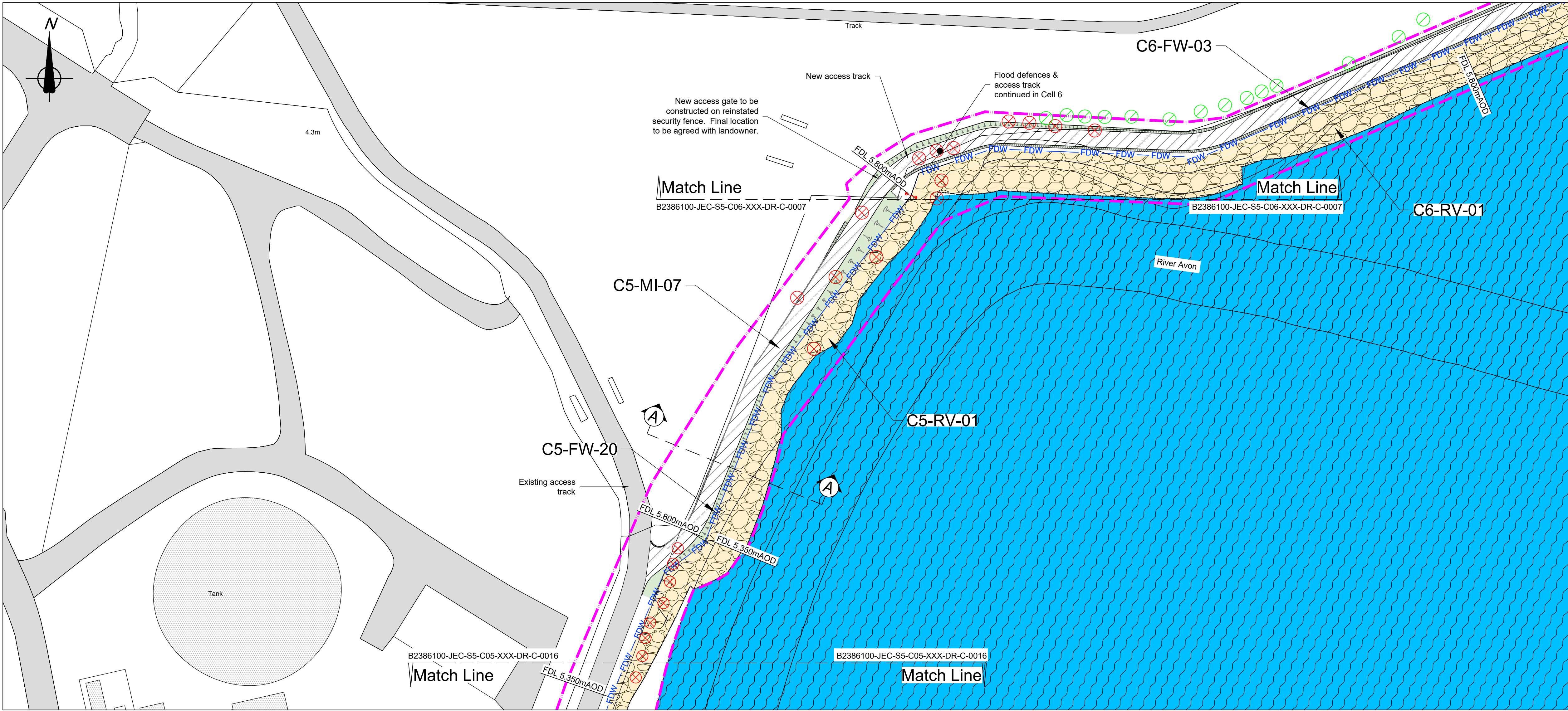
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Drawing status: **S8-SUITABLE FOR STATUTORY CONSENTS**

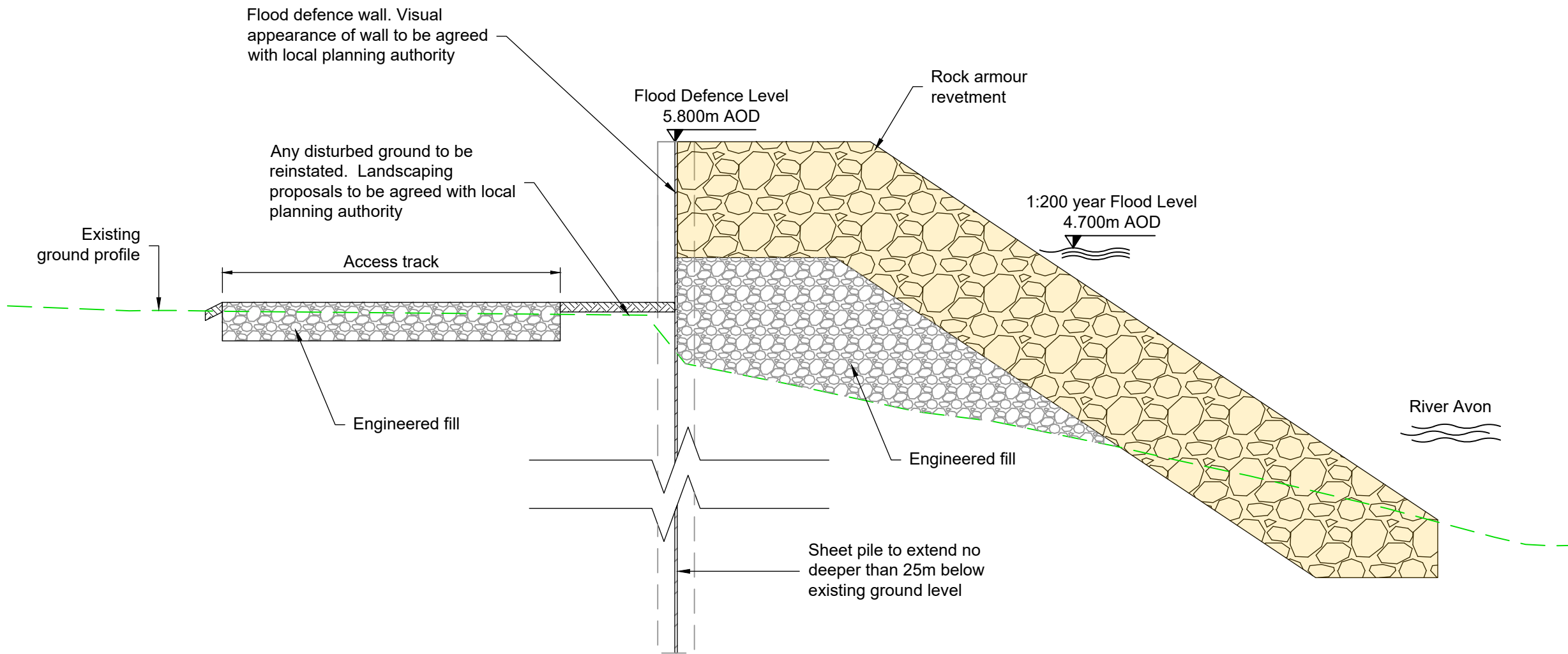
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Jacobs No.	B2386100	Rev
Client no.		P01

Drawing number: **B2386100-JEC-S5-C05-XXX-DR-C-0016**

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PLAN



SECTION A - A



- GENERAL NOTES**
1. All dimensions in metres unless stated otherwise.
 2. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2.
 3. The Operations detailed on this plan are fully described in the accompanying Scheme Operations document.
 4. Supplementary information is included in accompanying EIA Report.
 5. The finish of the flood defences indicated on this drawing are proposed finishes and will be subject to the local planning authority approval. The EIA outlines the proposed flood defence finishes.

Abbreviations

FDW	Flood Defence Wall
FB	Flood Barrier
FG	Flood Gate
FDL	Flood Defence Level (top of embankment/wall including copes but excluding fences/railings)
mAOD	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
Section location mark	—

P01	01/05/24	ISSUED FOR PUBLICATION	JD	RM	SS	AM
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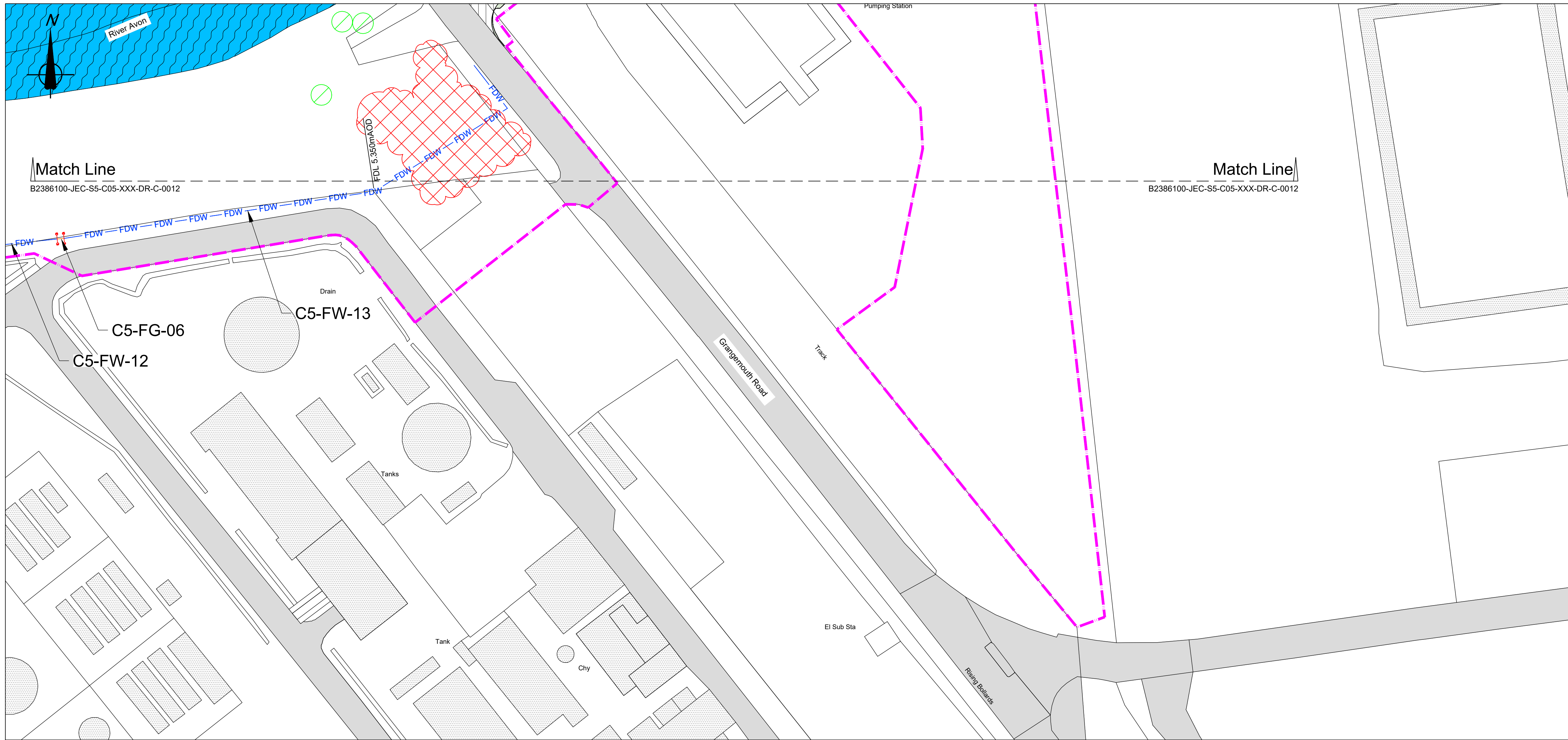
Project
GRANGEMOUTH FLOOD PROTECTION SCHEME

Drawing title
CELL 5 OPERATIONS SHEET 17

Drawing status
S8-SUITABLE FOR STATUTORY CONSENTS

Scale	1:500	DO NOT SCALE
Jacobs No.	B2386100	Rev
Client no.		P01
Drawing number	B2386100-JEC-S5-C05-XXX-DR-C-0017	

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PLAN

KEY PLAN



GENERAL NOTES

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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

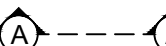
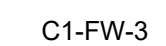
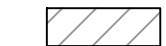
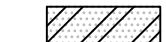
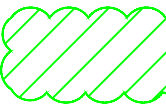
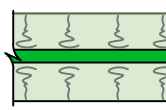
Proposed flood gate

Proposed demountable flood barrier

Change in Operation

Operation Reference

Section location mark



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Project

**GRANGEMOUTH FLOOD PROTECTION
SCHEME**

Drawing title

**CELL 5
OPERATIONS
SHEET 18**

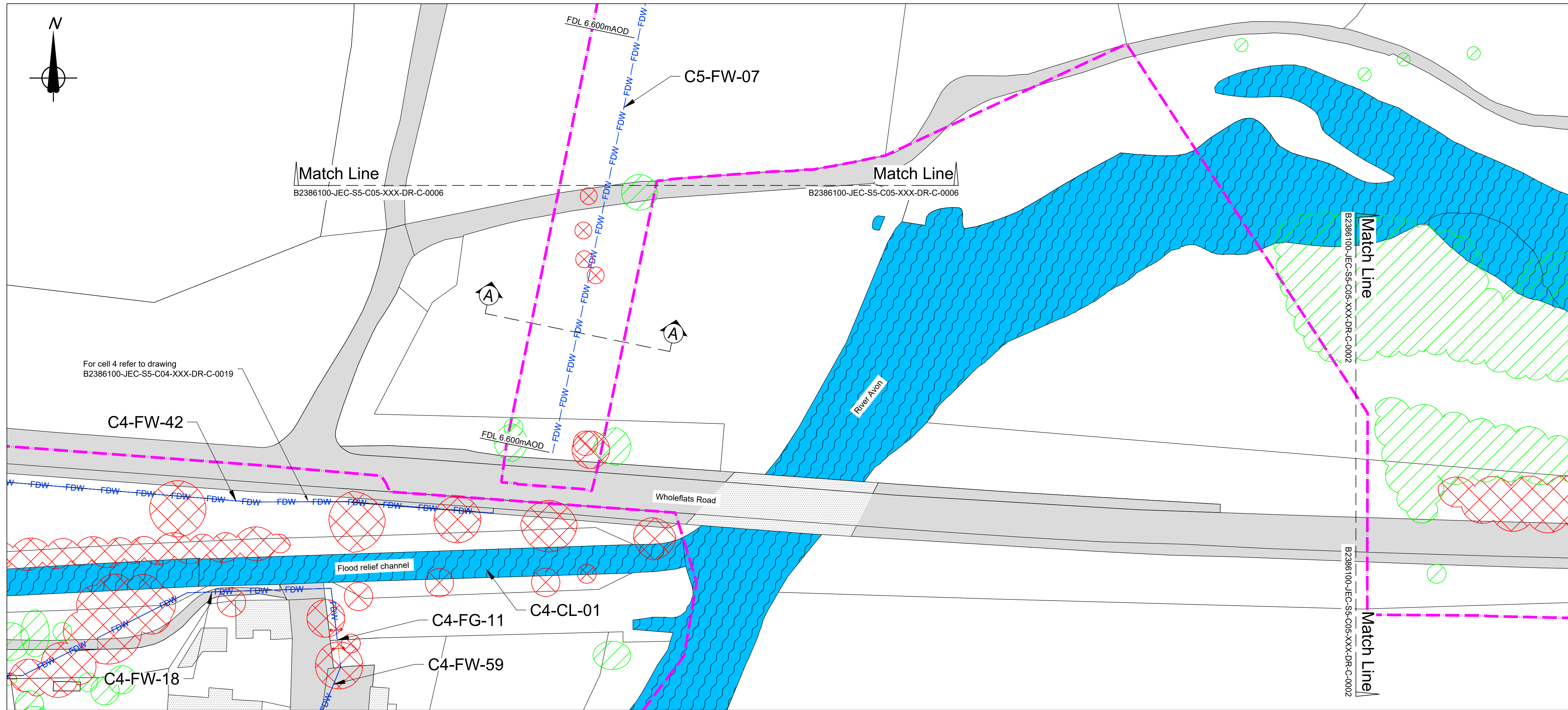
Drawing status

S8-SUITABLE FOR STATUTORY CONSENTS

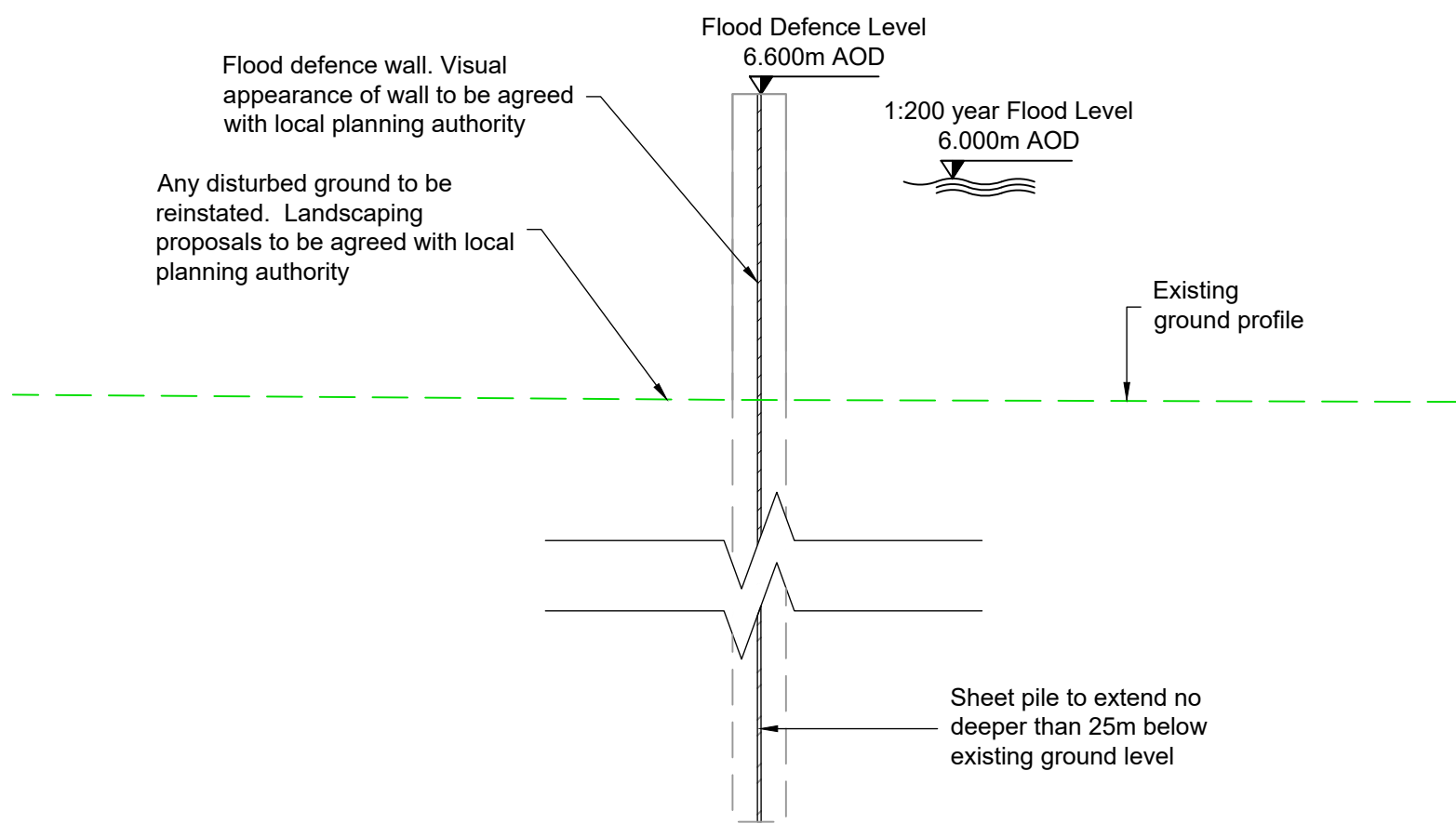
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Jacobs No.	B2386100	Rev
Client no.		P01

Drawing number

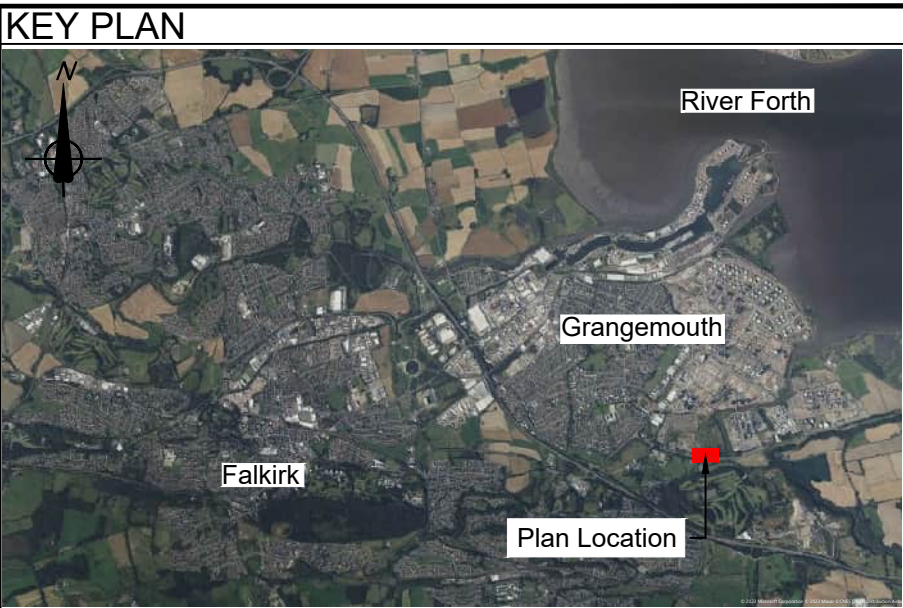
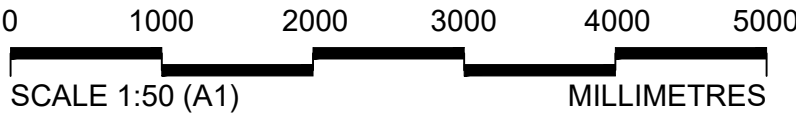
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PLAN



SECTION A-A



- GENERAL NOTES**
1. All dimensions in metres unless stated otherwise.
 2. This plan is provided in accordance with the requirements of the Flood Risk Management (Scotland) Act 2009 Section 60 and Schedule 2.
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- 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

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Project: **GRANGEMOUTH FLOOD PROTECTION SCHEME**

Drawing title: **CELL 5 OPERATIONS SHEET 19**

Drawing status	S8-SUITABLE FOR STATUTORY CONSENTS	
Scale	B2386100	DO NOT SCALE
Jacobs No.	B2386100	Rev
Client no.		P01
Drawing number	B2386100-JEC-S5-C05-XXX-DR-C-0019	