

A63 Castle Street Improvement, Hull

Scheme Number: TR010016

2.6 Engineering Drawings and Sections

APFP Regulation 5(2)(o); 5(2)(p) and 6(2)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



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Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**A63 (Castle Street Improvement, Hull)
Development Consent Order 20[]**

ENGINEERING DRAWINGS AND SECTIONS

Regulation Number:	Regulations 5(2)(o), 5(2)(p) & 6(2)
Planning Inspectorate Scheme Reference	TR010016
Application Document Reference	TR010016/APP/2.6
Author:	A63 Castle Street Project Team

Version	Date	Status of Version
Rev 0	September 2018	Application Issue

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1 INTRODUCTION

1.1 These Engineering Drawings and Sections (these “Plans”) relate to an application made by Highways England (the “Applicant”) to the Planning Inspectorate (the Inspectorate) under section 37 of the Planning Act 2008 (the “2008 Act”) for a Development Consent Order (DCO). If made, the DCO would grant consent for the Applicant to undertake the A63 (Castle Street Improvement, Hull) (the “Scheme”). A detailed description of the Scheme can be found in the **Environmental Statement (Application Document Reference: TR010016/APP/6.1)**.

1.2 These Plans comprise part of the suite of application documentation and is included in the application in compliance with Regulation 5(2)(o), Regulation 5(2)(p) and Regulation 6(2) of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009, These Regulations require that the application is accompanied by:

5(2)(o) “any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping;”

5(2)(p) “any of the documents prescribed by regulation 6 which are relevant to the particular project;”

6(2) “If the application is for highway related development or for the construction or alteration of a railway, it must be accompanied by section drawings to suitable horizontal and vertical scales which show, by reference to Ordnance Survey or Chart datum-

(a) the levels of the proposed works, including in particular and where relevant

- (i) ground levels;*
- (ii) the height of every proposed bridge, viaduct, aqueduct, embankment and elevated guideway;*
- (iii) The depth of every proposed cutting and tunnel;*
- (iv) the levels of the bed of any tidal waters or inland waterway in which it is proposed that any works should be situated;*
- (v) the height of every structure or device (including a cable, but not catenary and related equipment) intended to be erected above, on or below the surface of, or on or beneath the bed of tidal waters or an inland waterway; and*
- (vi) drainage outfall details for highways;*

(b) a cross section of every intended tunnel and any altered gradient of a carriageway or a way forming part of a guided transport system on either side of every level crossing, bridge, tunnel or underpass which would carry the carriageway or way or through which it would pass.”

- 1.3 As these Plans are part of the Application documentation, they should be read alongside and are informed by the other application documents. In particular, the plans should be read alongside Schedule 3 and 4 of the **Draft Development Consent Order (Application Document Reference TR010016/APP/3.1)**, the **Works Plans (Application Document Reference: TR010016/APP/2.4)** and the **General Arrangement Plans (Application Document Reference: TR010016/APP/2.2)**.

2 SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

Document Title	Document Number	Revision
Engineering Drawings Regulations 5(2)(o) & 6(2)(a) – (Longitudinal Sections) Sheet 1 of 5	TR010016/APP/2.6(A)	0
Engineering Drawings Regulations 5(2)(o) & 6(2)(a) – (Longitudinal Sections) Sheet 2 of 5	TR010016/APP/2.6(B)	0
Engineering Drawings Regulations 5(2)(o) & 6(2)(a) – (Longitudinal Sections) Sheet 3 of 5	TR010016/APP/2.6(C)	0
Engineering Drawings Regulations 5(2)(o) & 6(2)(a) – (Longitudinal Sections) Sheet 4 of 5	TR010016/APP/2.6(D)	0
Engineering Drawings Regulations 5(2)(o) & 6(2)(a) – (Longitudinal Sections) Sheet 5 of 5	TR010016/APP/2.6(E)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Porter Street Bridge) Sheet 1 of 2	TR010016/APP/2.6(F)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Porter Street Bridge) Sheet 2 of 2	TR010016/APP/2.6 (G)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Underpass) Sheet 1 of 4	TR010016/APP/2.6 (H)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Underpass) Sheet 2 of 4	TR010016/APP/2.6 (J)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Underpass) Sheet 3 of 4	TR010016/APP/2.6 (K)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Underpass) Sheet 4 of 4	TR010016/APP/2.6 (L)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – Pumping Station	TR010016/APP/2.6 (M)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – Holiday Inn Retaining Wall	TR010016/APP/2.6 (N)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Princes Quay Bridge) Sheet 1 of 4	TR010016/APP/2.6 (P)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Princes Quay Bridge) Sheet 2 of 4	TR010016/APP/2.6 (Q)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Princes Quay Bridge) Sheet 3 of 4	TR010016/APP/2.6 (R)	0
Structures Details Regulations 5(2)(o) & 6(2)(a) – (Princes Quay Bridge) Sheet 4 of 4	TR010016/APP/2.6 (S)	0

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NOTES

1. ALL DIMENSIONS AND CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
2. GENERAL ARRANGEMENT PLANS REGULATIONS 5(2)(o) TR010016/APP/2.2(B) TO 2.2(G) ARE TO BE USED AS LOCATION REFERENCE FOR SHEET SETS AS IDENTIFIED ON REGULATION 5(2)(o) DRAWING TR010016/APP/2.2(AA) AND 2.2(AB).
3. ALL STRUCTURE POSITIONS ARE INDICATIVE. PLANS TO BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER. THE PROPOSED WORKS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.
4. THE HEIGHTS OF PROPOSED BRIDGES AND EMBANKMENTS AND THE DEPTH OF PROPOSED CUTTINGS ARE MARKED AS REQUIRED ON ENGINEERING SECTION DRAWINGS AND ARE INDICATIVE.

KEY

- EXISTING LEVELS
- PROPOSED LEVELS

0	20/09/18	APPLICATION ISSUE	JE	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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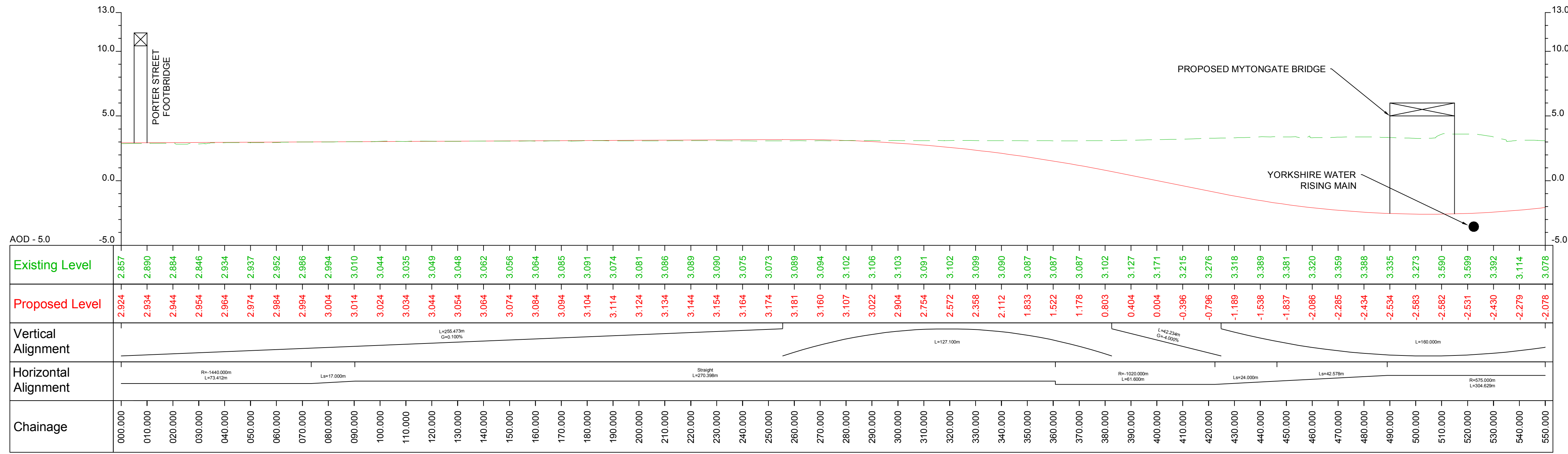


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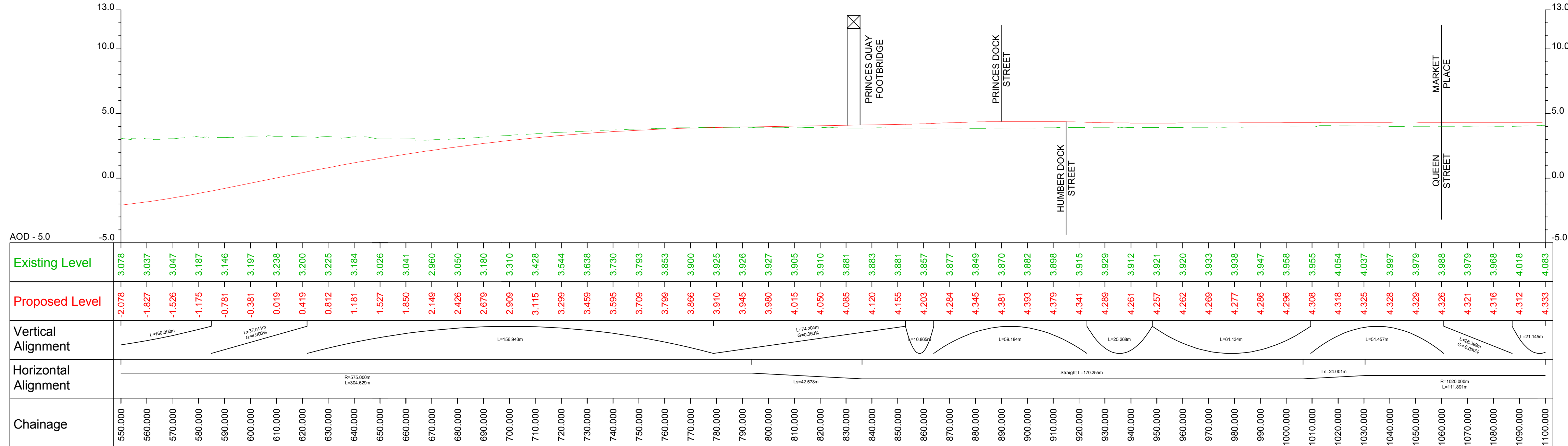
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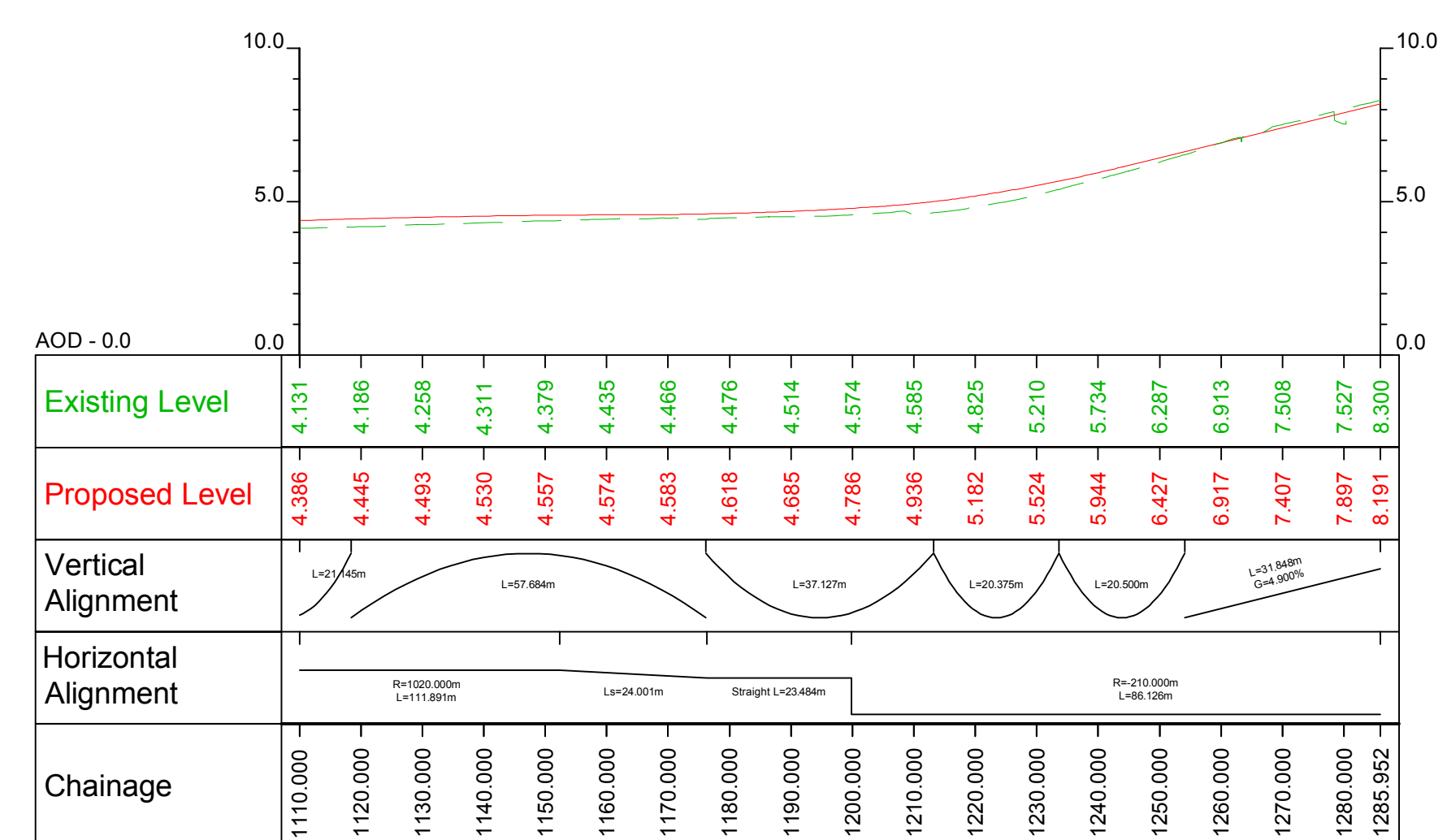
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Original Size	A1	Date	20/09/18	Date	20/09/18	Date	20/09/18	Date	20/09/18	
Drawing Number	TR010016/APP/2.6(A)								Revision	0



A63 Mainline (CH 000.000 to 550.000)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



A63 Mainline (CH 550.000 to 1100.000)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



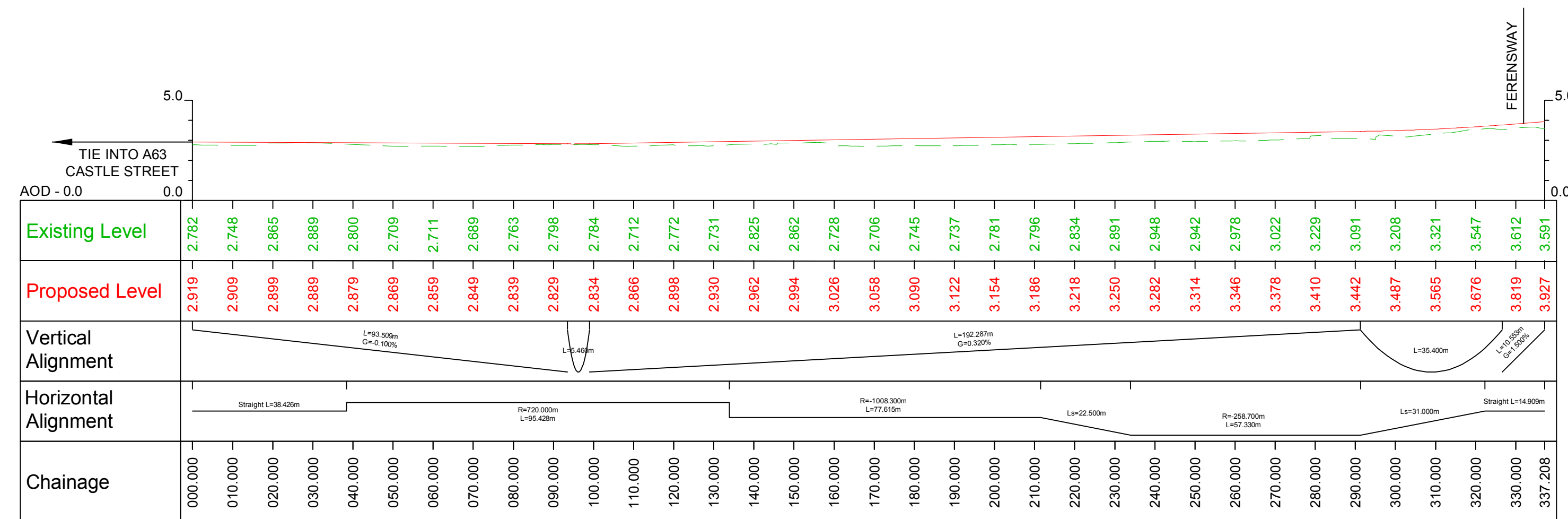
A63 Mainline (CH 1100.000 to 1285.952)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)

NOTES

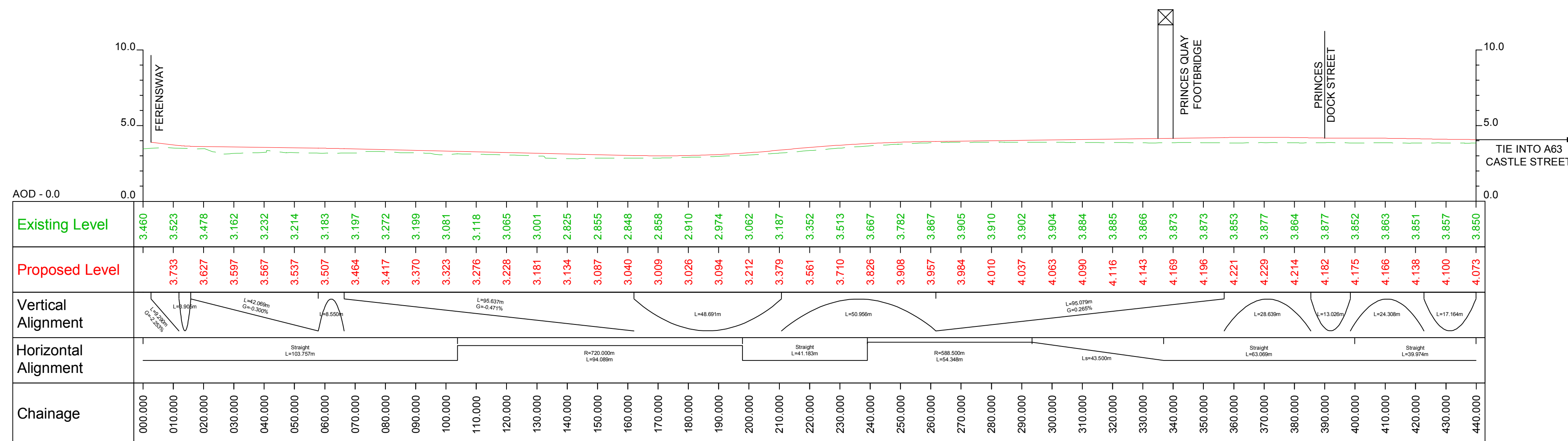
1. ALL DIMENSIONS AND CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
2. GENERAL ARRANGEMENT PLANS REGULATIONS 5(2)(o) TR010016/APP/2.2(B) TO 2.2(G) ARE TO BE USED AS LOCATION REFERENCE FOR SHEET SETS AS IDENTIFIED ON REGULATION 5(2)(o) DRAWING TR010016/APP/2.2(AA) AND 2.2(AB).
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KEY

- EXISTING LEVELS
- PROPOSED LEVELS



A63 East Bound Diverge (CH 000.000 to 337.208)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



A63 East Bound Merge (CH 000.000 to 440.000)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
0	20/09/18	APPLICATION ISSUE	JE	JDH	JFM

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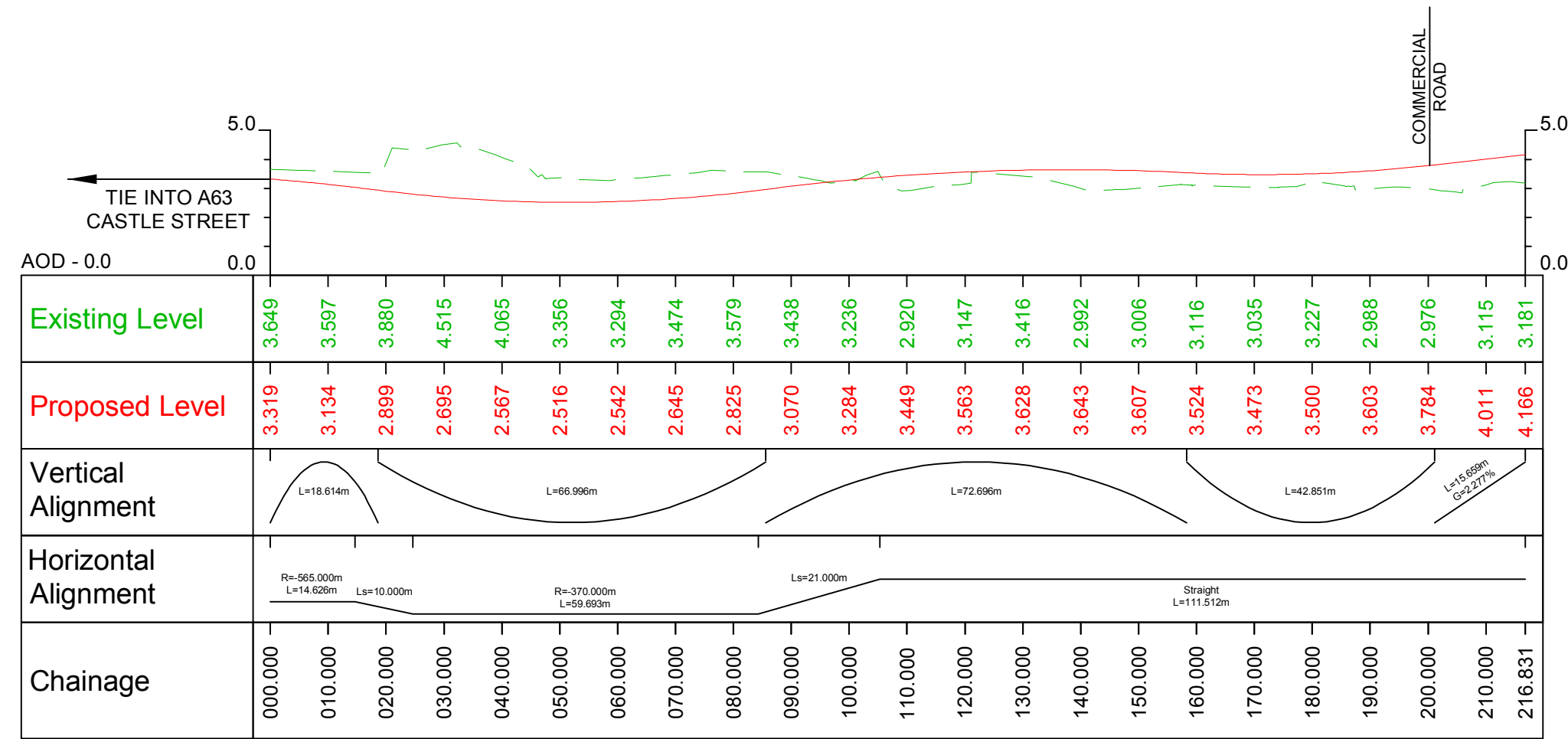


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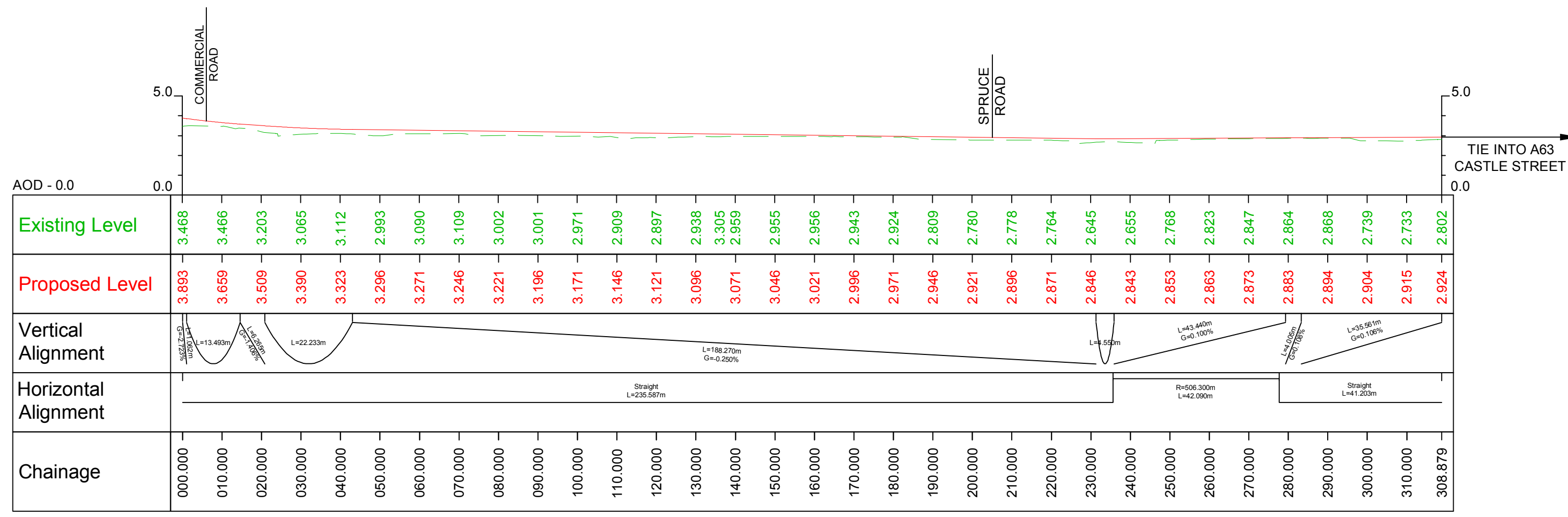
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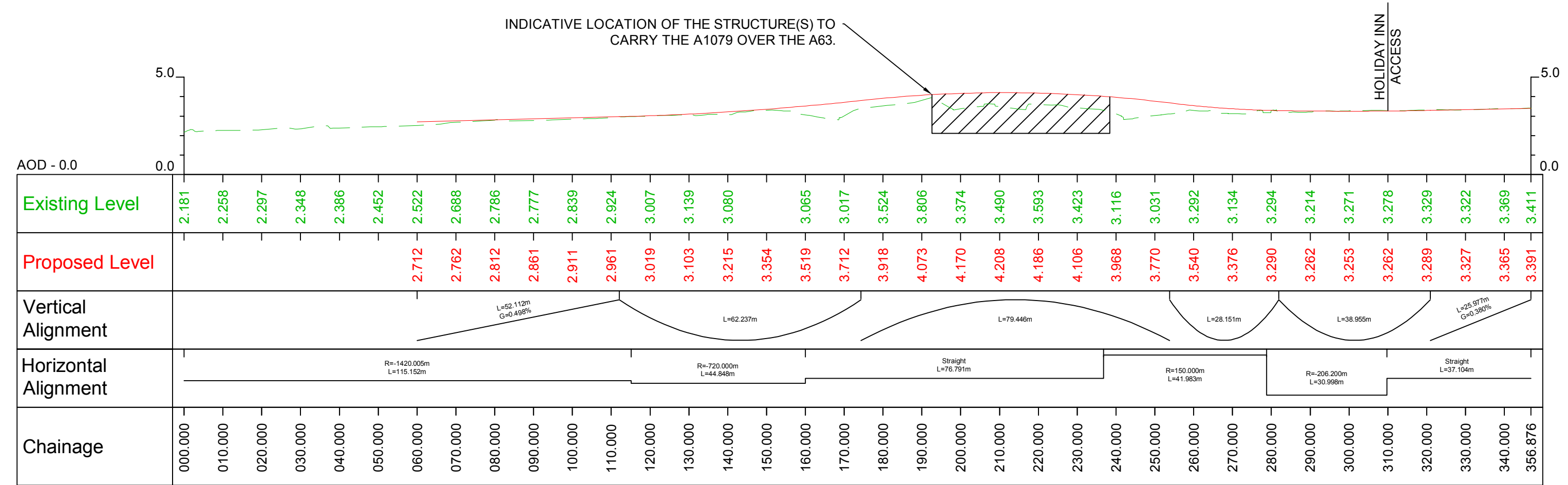
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Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(B)	0			



A63 West Bound Diverge (CH 000.000 to 216.831)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



A63 West Bound Merge (CH 000.000 to 308.879)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



A63 Mytongate Bridge (CH 000 to CH 356.876)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)

NOTES

- ALL DIMENSIONS AND CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
- GENERAL ARRANGEMENT PLANS REGULATIONS 5(2)(a) TR010016/APP/2.2(B) TO 2.2(G) ARE TO BE USED AS LOCATION REFERENCE FOR SHEET SETS AS IDENTIFIED ON REGULATION 5(2)(a) DRAWING TR010016/APP/2.2(AA) AND 2.2(AB).
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KEY

- EXISTING LEVELS
- PROPOSED LEVELS

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
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Project Title: A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title: ENGINEERING DRAWINGS REGULATIONS 5(2)(a) & 6(2)(a) (LONGITUDINAL SECTIONS) SHEET 3 OF 5

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Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(C)	0			

NOTES

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- EXISTING LEVELS
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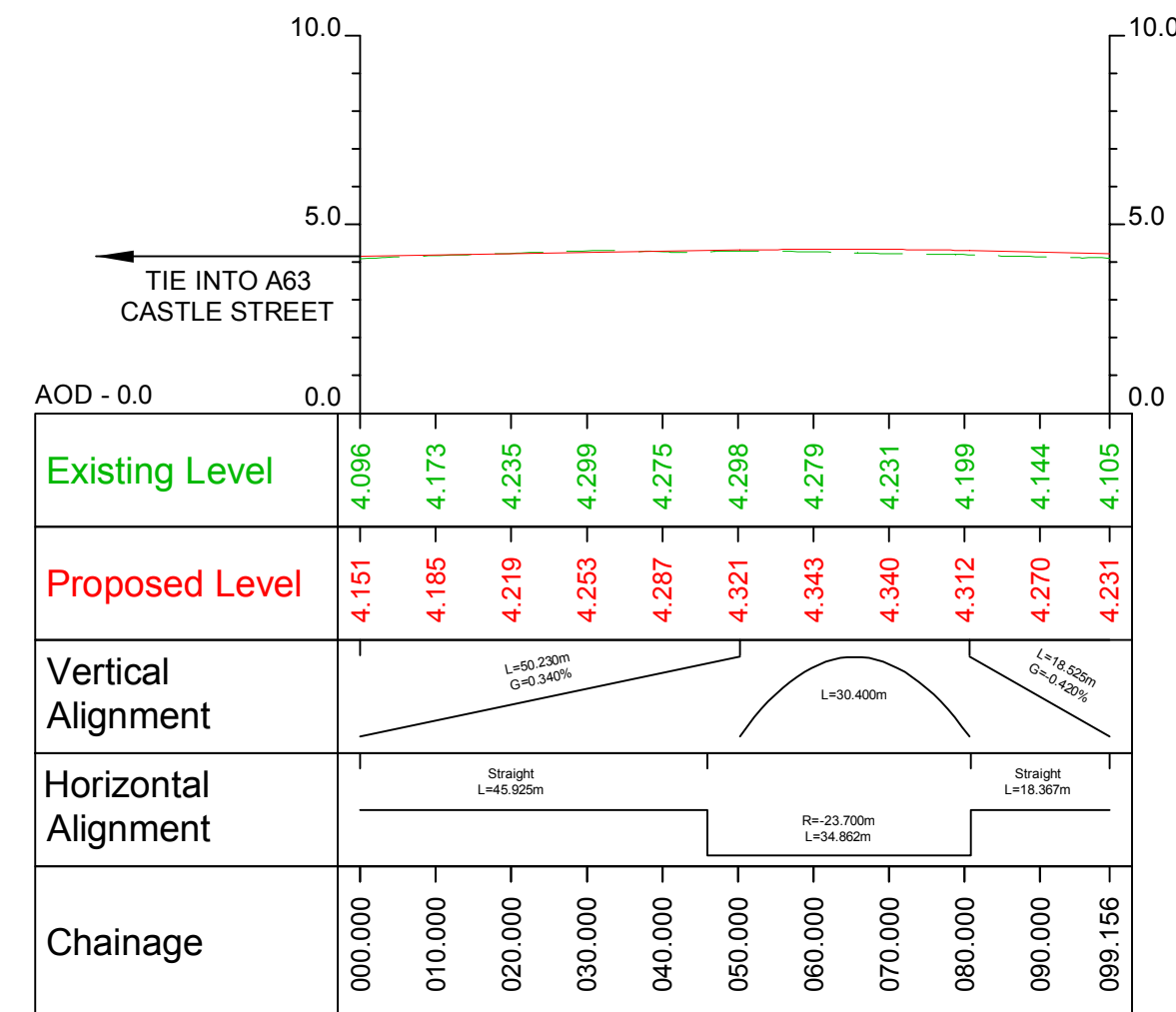


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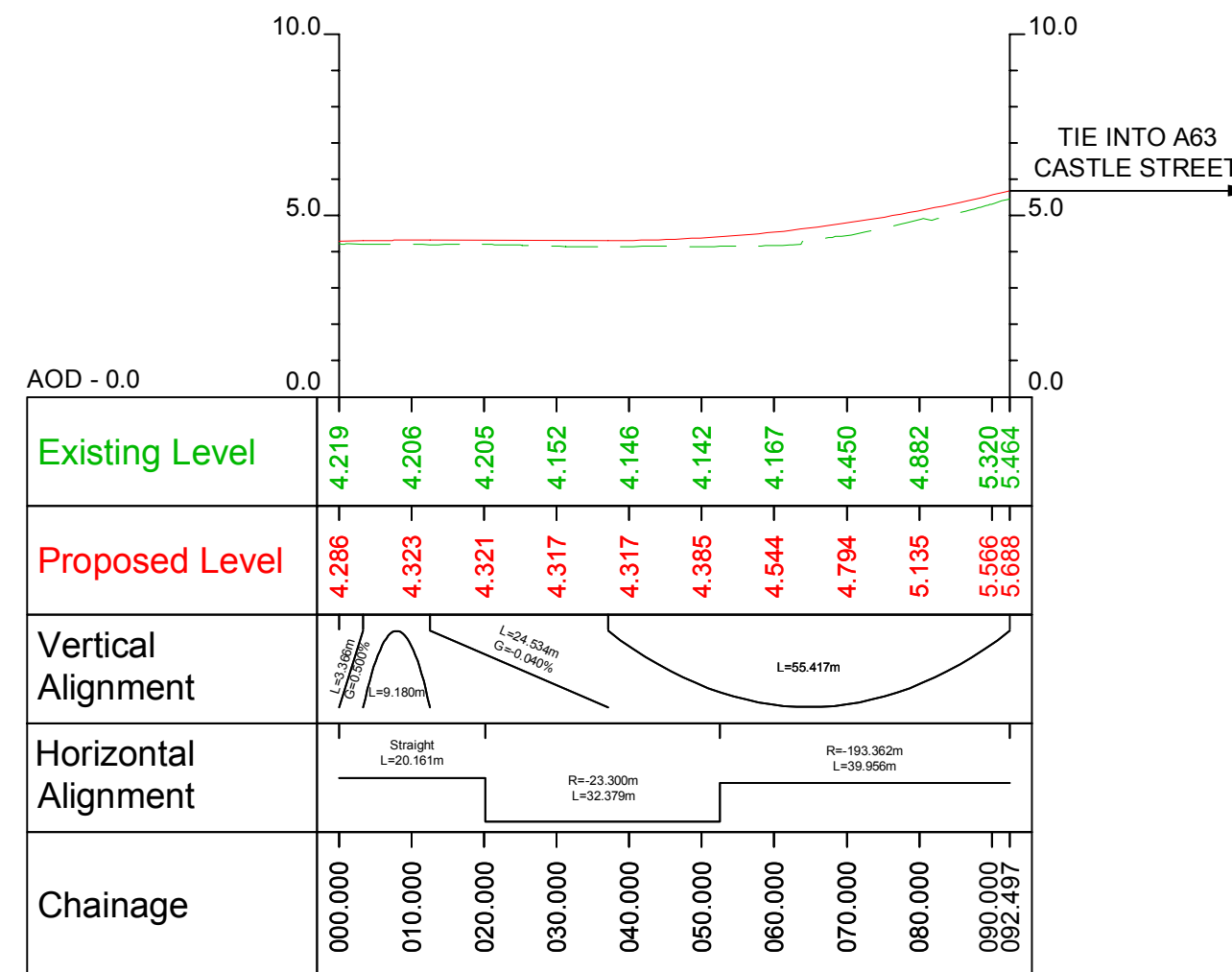
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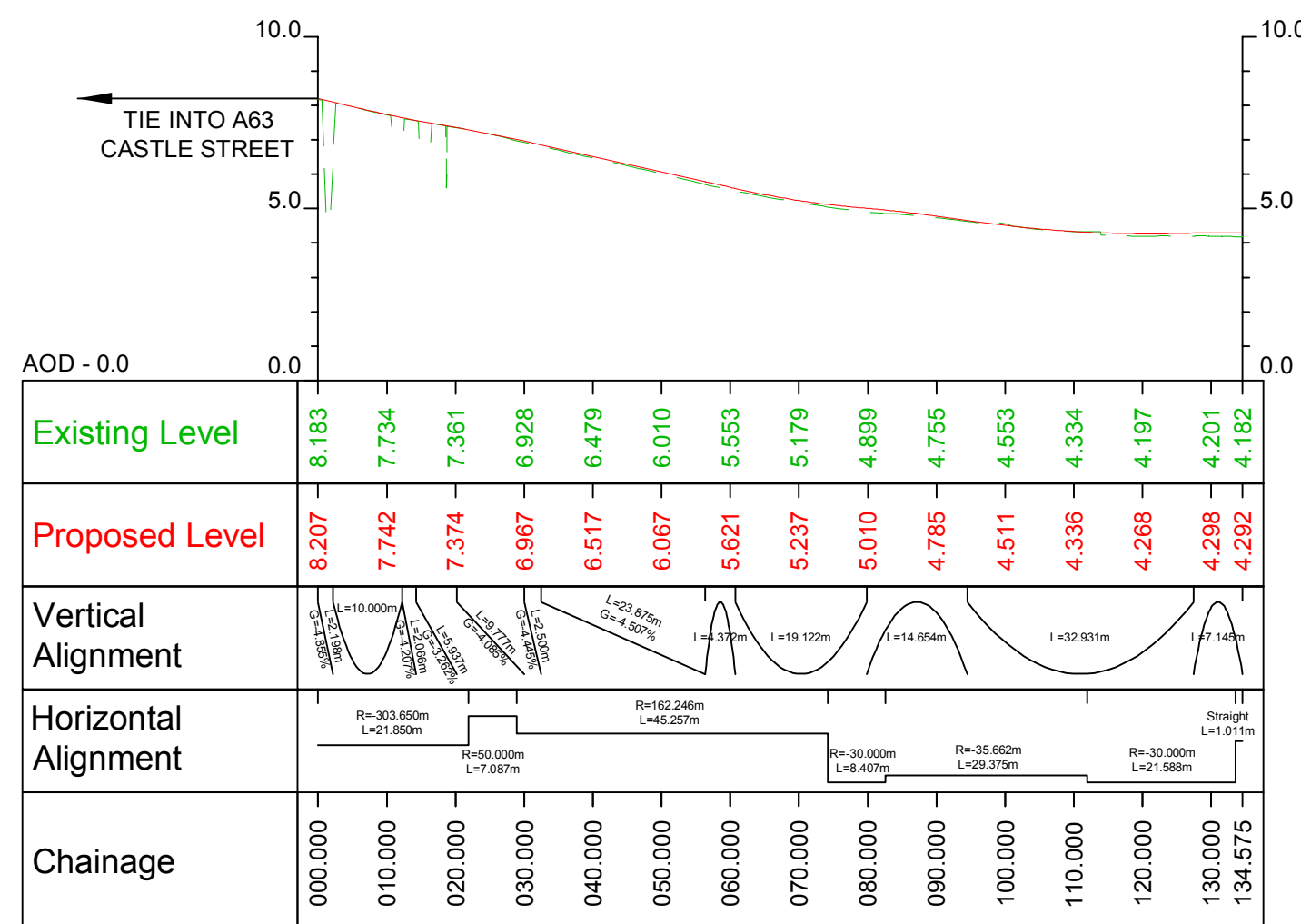
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Drawing Number	Revision			
TR010016/APP/2.6(D)	0			



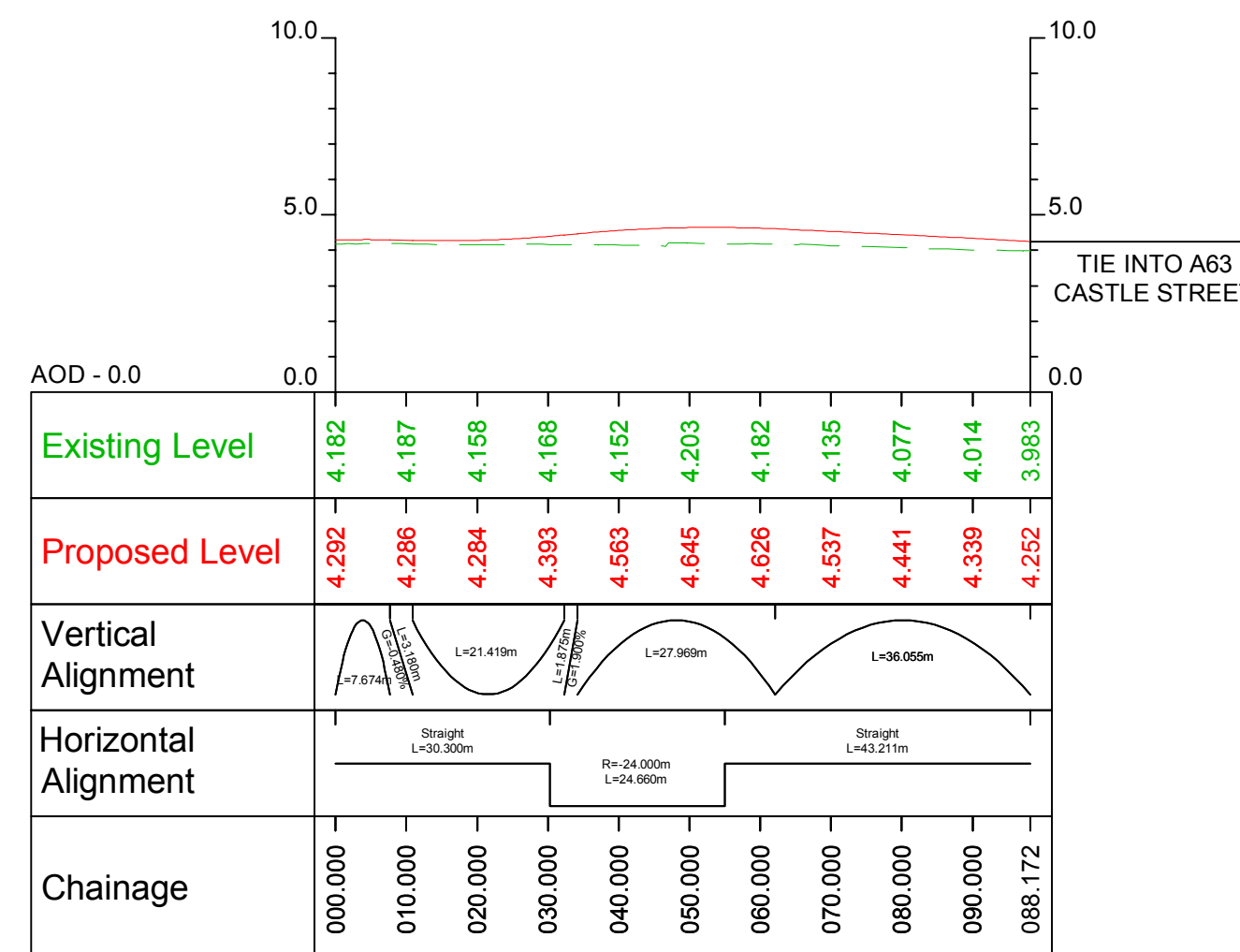
Market Place Diverge (CH 000.000 to CH 099.156)
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Market Place Merge (CH 000.000 to 092.497)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



Queen Street Diverge (CH 000.000 to CH 134.575)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



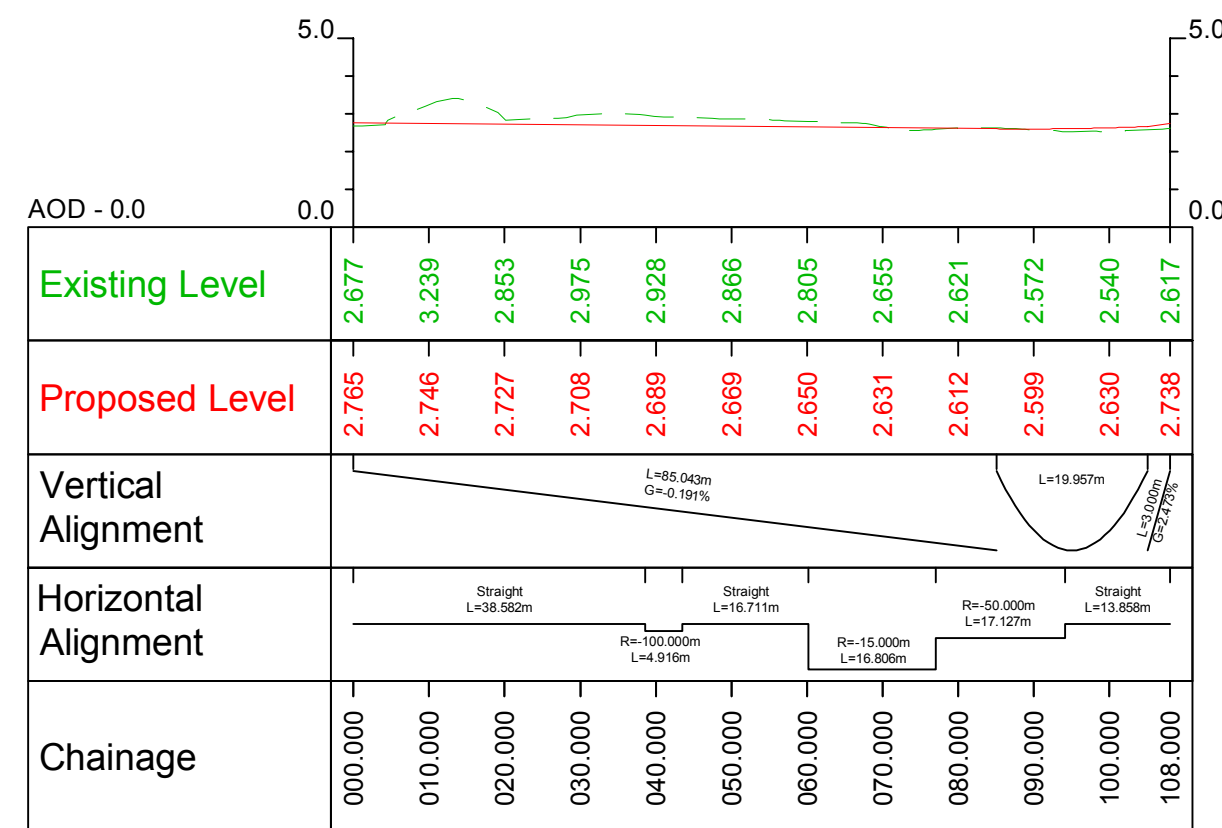
Queen Street Merge (CH 000.000 to CH 088.172)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)

NOTES

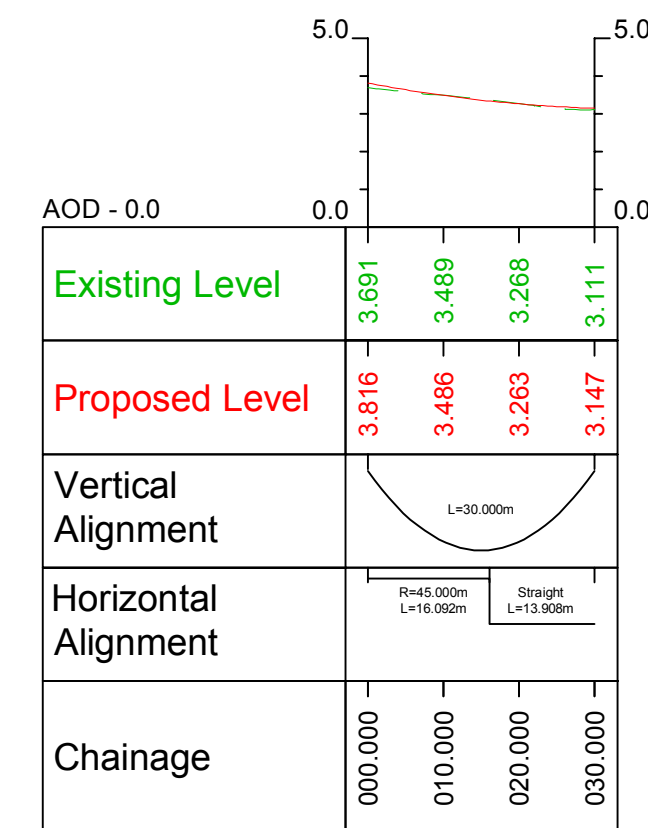
1. ALL DIMENSIONS AND CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
2. GENERAL ARRANGEMENT PLANS REGULATIONS 5(2)(o) TR010016/APP/2.2(B) TO 2.2(G) ARE TO BE USED AS LOCATION REFERENCE FOR SHEET SETS AS IDENTIFIED ON REGULATION 5(2)(o) DRAWING TR010016/APP/2.2(AA) AND 2.2(AB).
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KEY

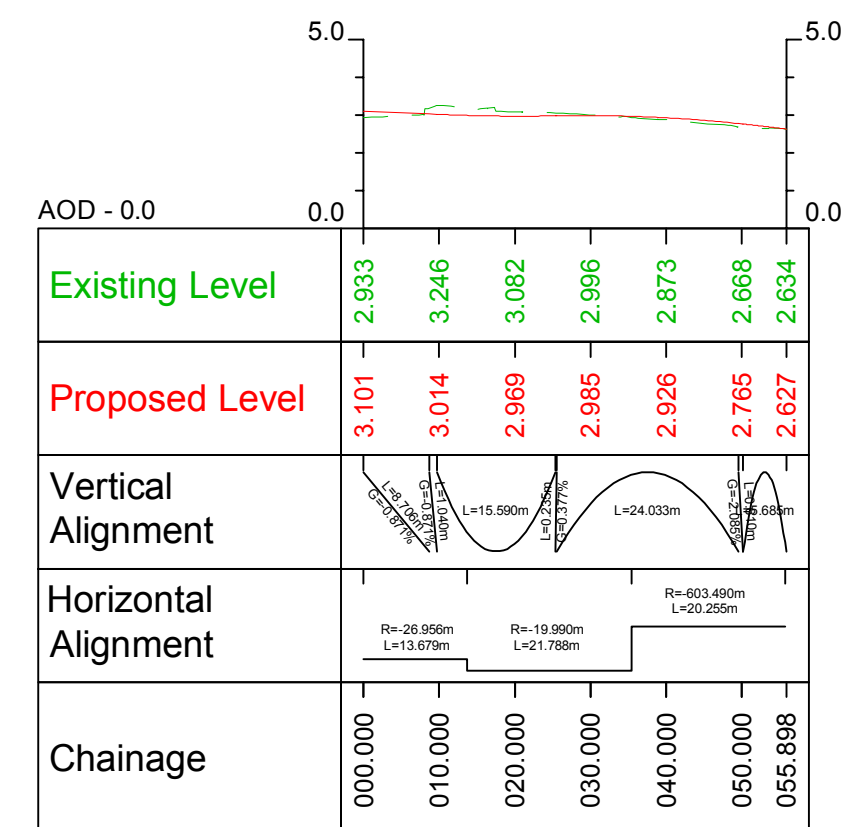
- EXISTING LEVELS
- PROPOSED LEVELS



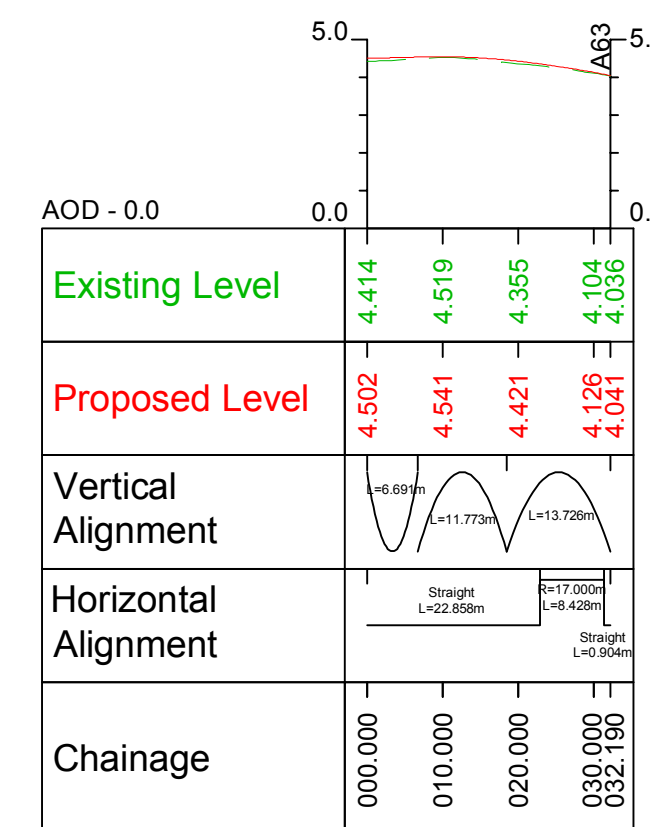
Arco Slips (CH 000.000 to CH 108.000)
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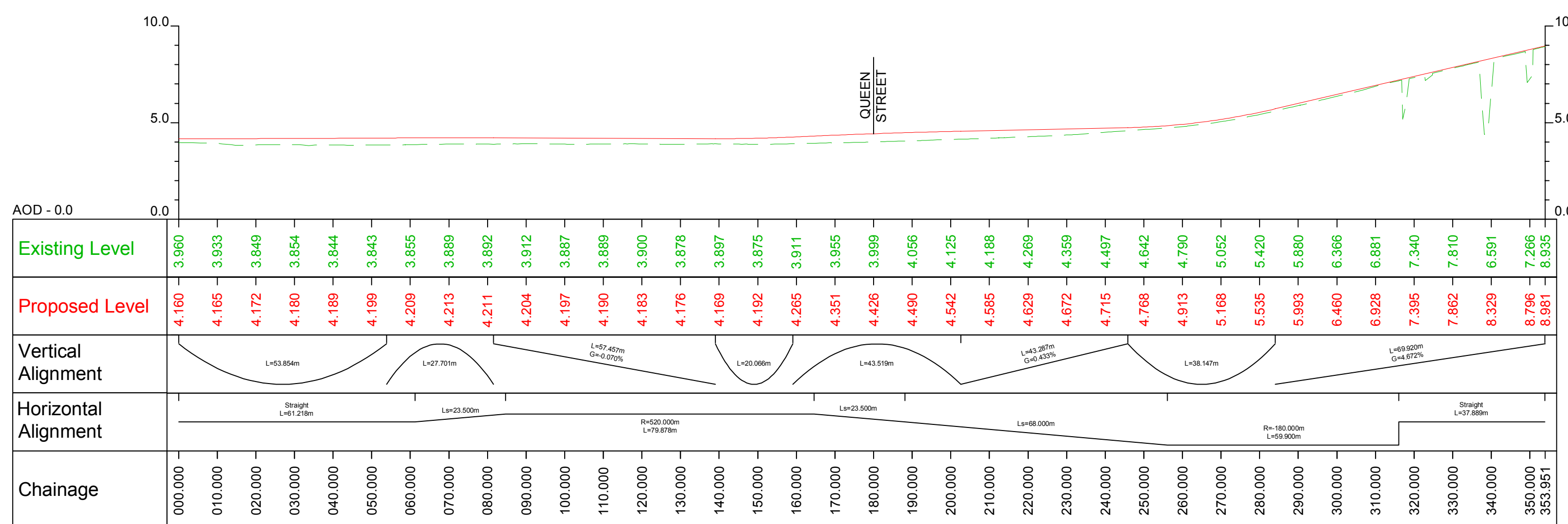
Holiday Inn (000.000 to 30.000)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



Myton Street (CH 000.000 to CH 55.898)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



Princes Street Dock (CH 000.000 to 032.190)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)



Westbound Mainline (CH 000.000 to 350.951)
Scale - Horiz 1:1000 (A1), Vert 1:200 (A1)

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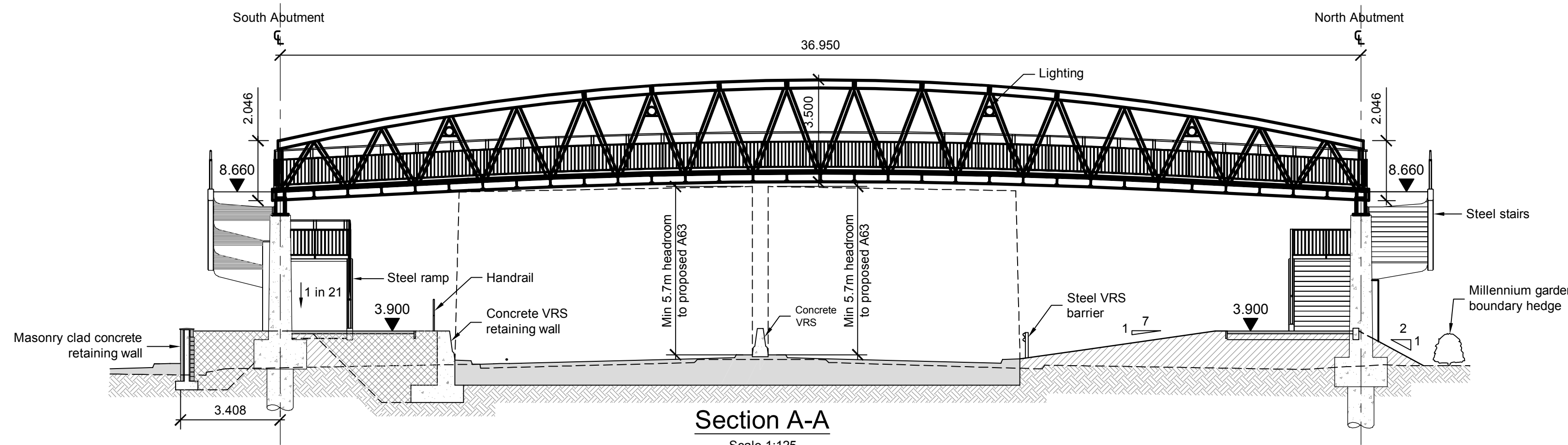
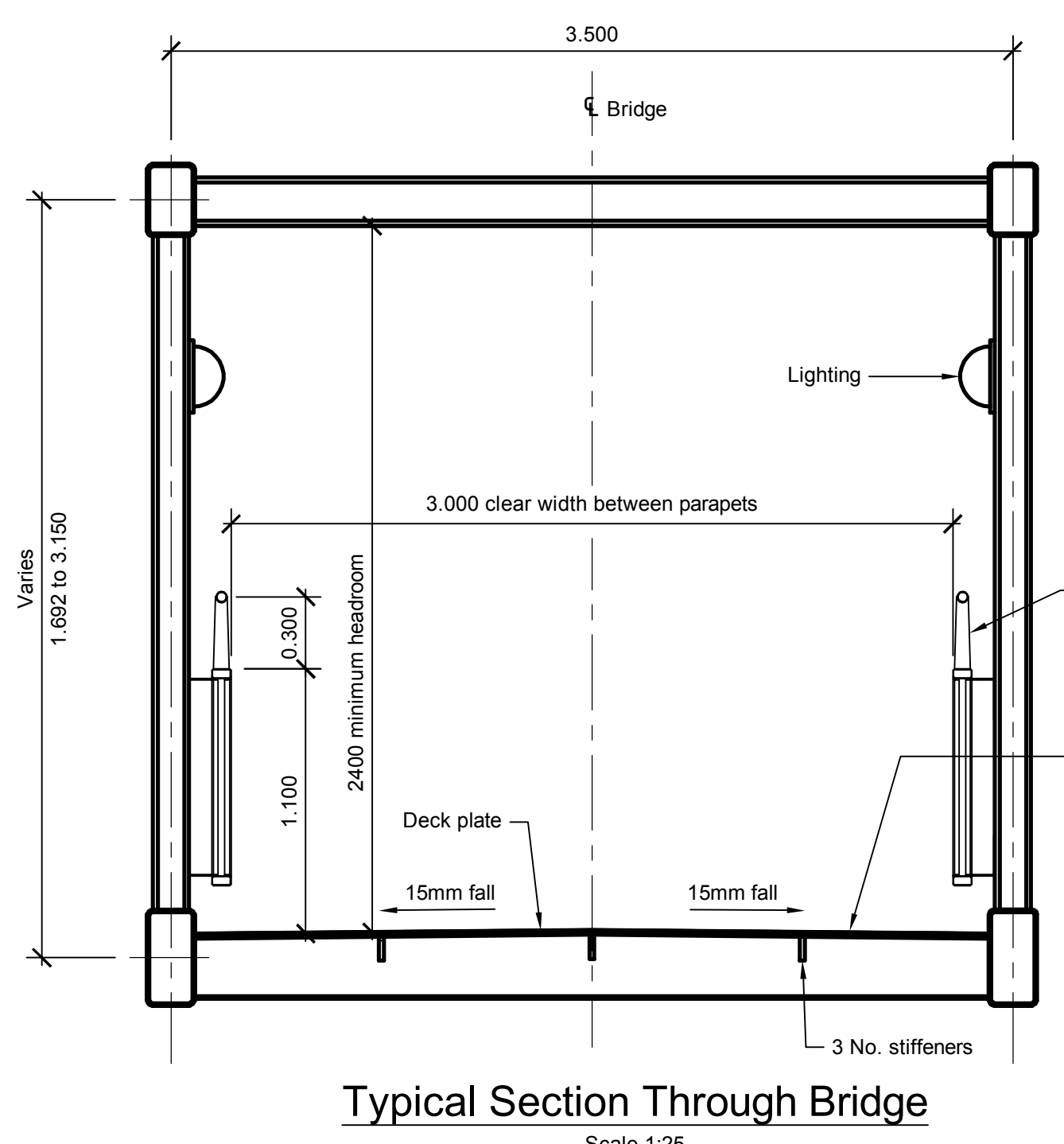
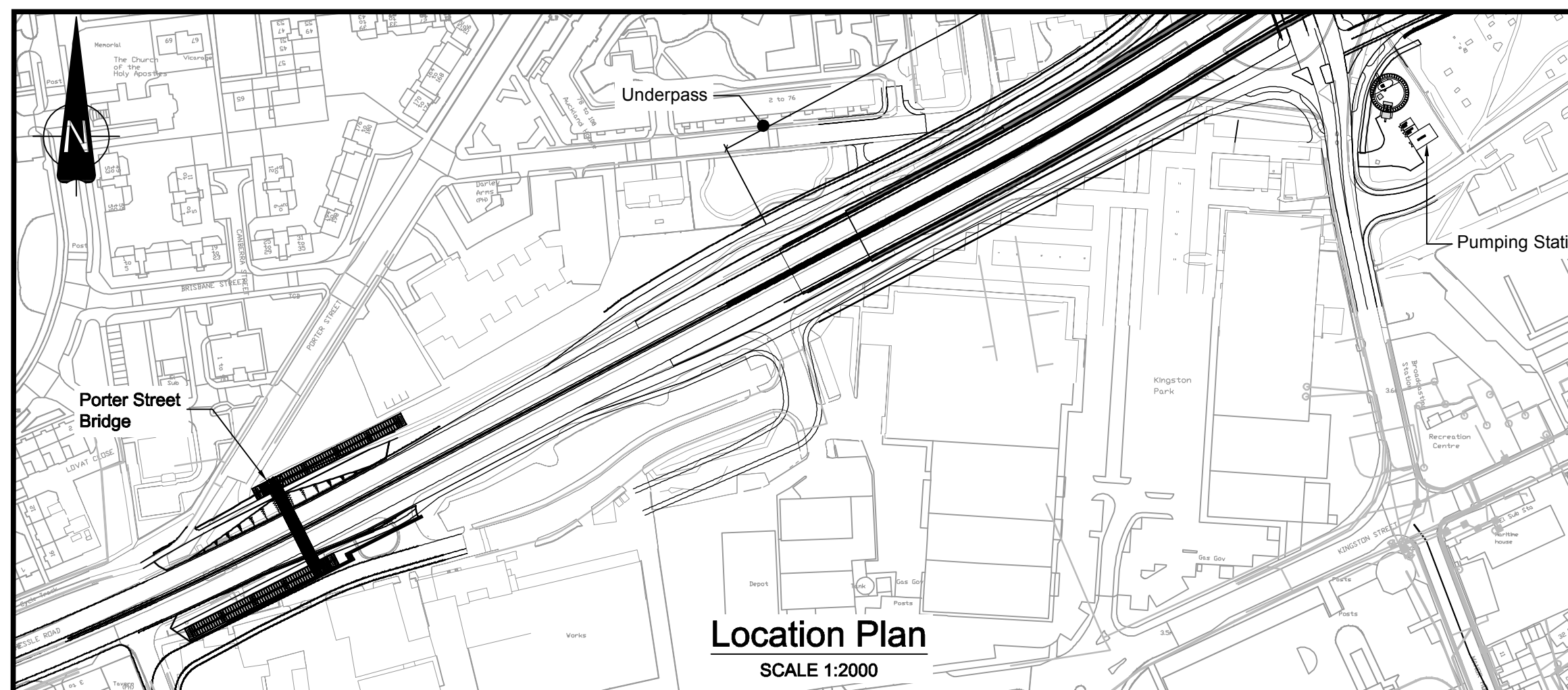
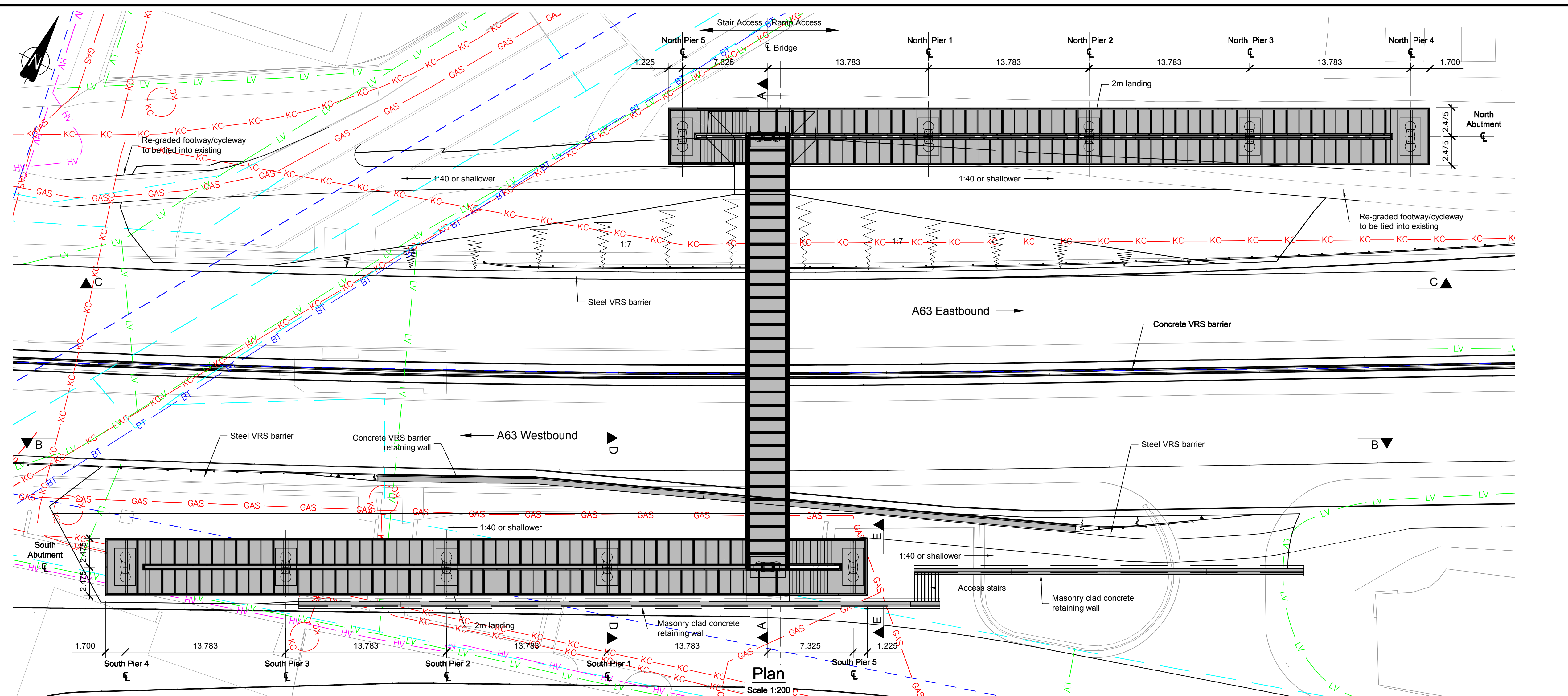


Drawing Status: **SHARED**

Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

Drawing Title: **ENGINEERING DRAWINGS REGULATIONS 5(2)(o) & 6(2)(a) (LONGITUDINAL SECTIONS) SHEET 5 OF 5**

Scale	AS SHOWN	Designed	YB	Drawn	JE	Checked	JDH	Approved	JFM	
Original Size	A1	Date	20/09/18	Date	20/09/18	Date	20/09/18	Date	20/09/18	
Drawing Number	TR010016/APP/2.6(E)								Revision	0



- NOTES**
1. ALL DIMENSIONS & CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
 2. ALL LEVELS ARE IN METRES (AOD) UNLESS STATED OTHERWISE.
 3. STRUCTURES ENGINEERING DRAWINGS & SECTIONS, REGULATIONS 5(2)(o) & 6(2) SHOULD BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLANS (DOCUMENT REFERENCE TR010016/APP/2.2).
 4. PLANS TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER APPLICATION
 5. STRUCTURAL DIMENSIONS PROVIDED ARE INDICATIVE AND MAY BE SUBJECT TO CHANGE.

- KEY**
- Existing Utilities Key:
- Yorkshire Water Sewer
 - Yorkshire Water Clean
 - KC - Kingston Communications
 - HV - Northern Power Grid High Voltage
 - LV - Northern Power Grid Low Voltage
 - BT - BT
 - GAS - Northern Gas Network
 - VRS - Vehicle Restraint Systems

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM

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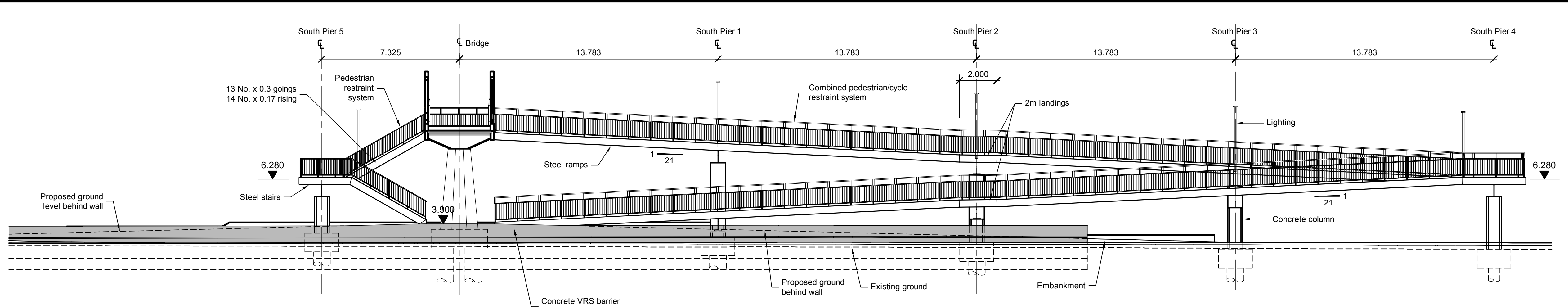


Drawing Status: **SHARED**

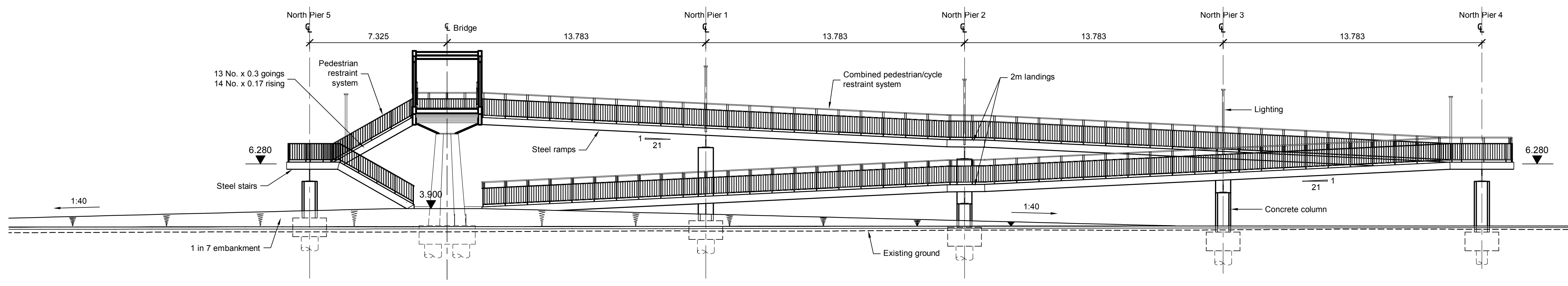
Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

Drawing Title: **STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (PORTER STREET BRIDGE) SHEET 1 OF 2**

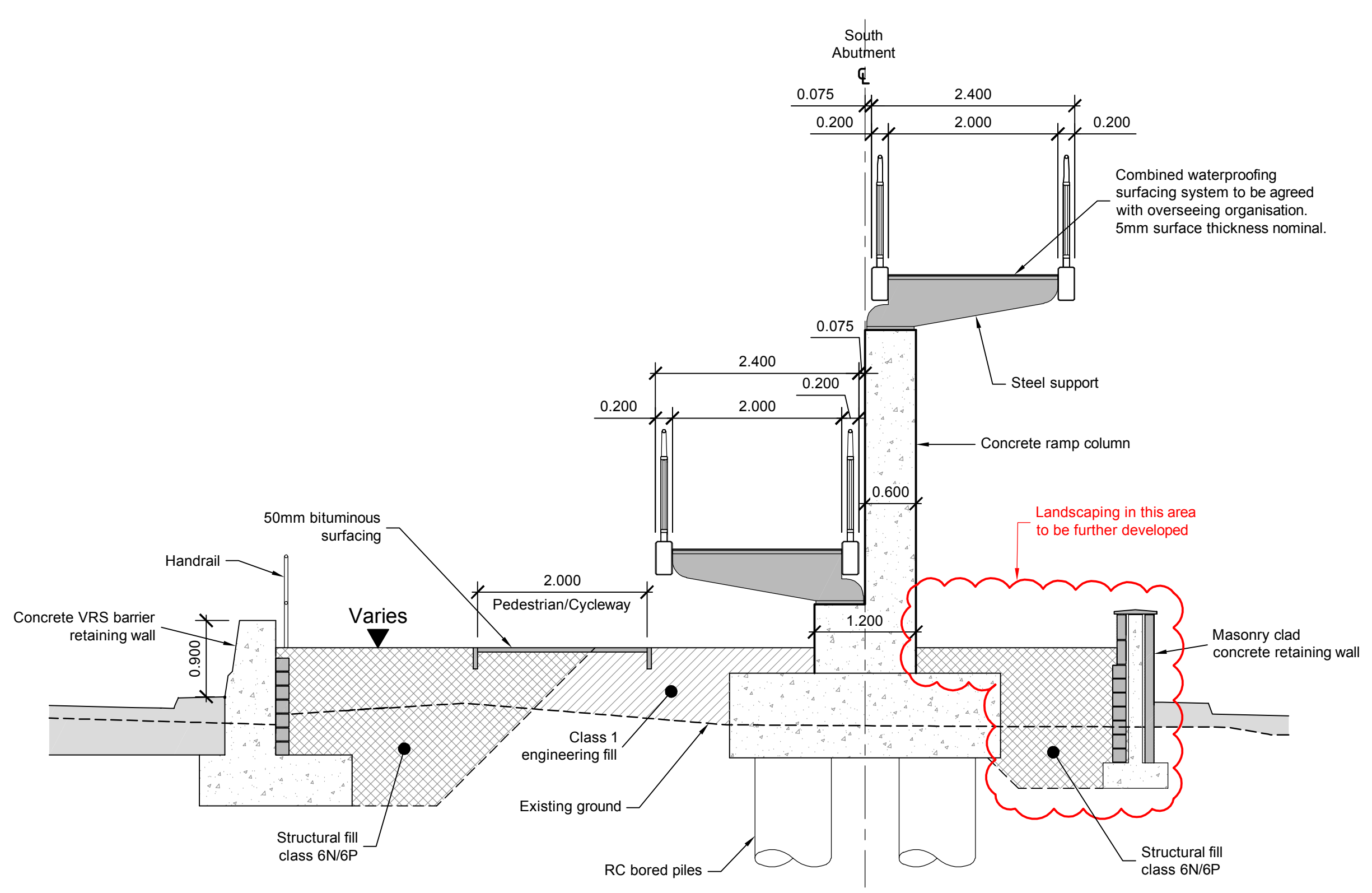
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AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(F)				0



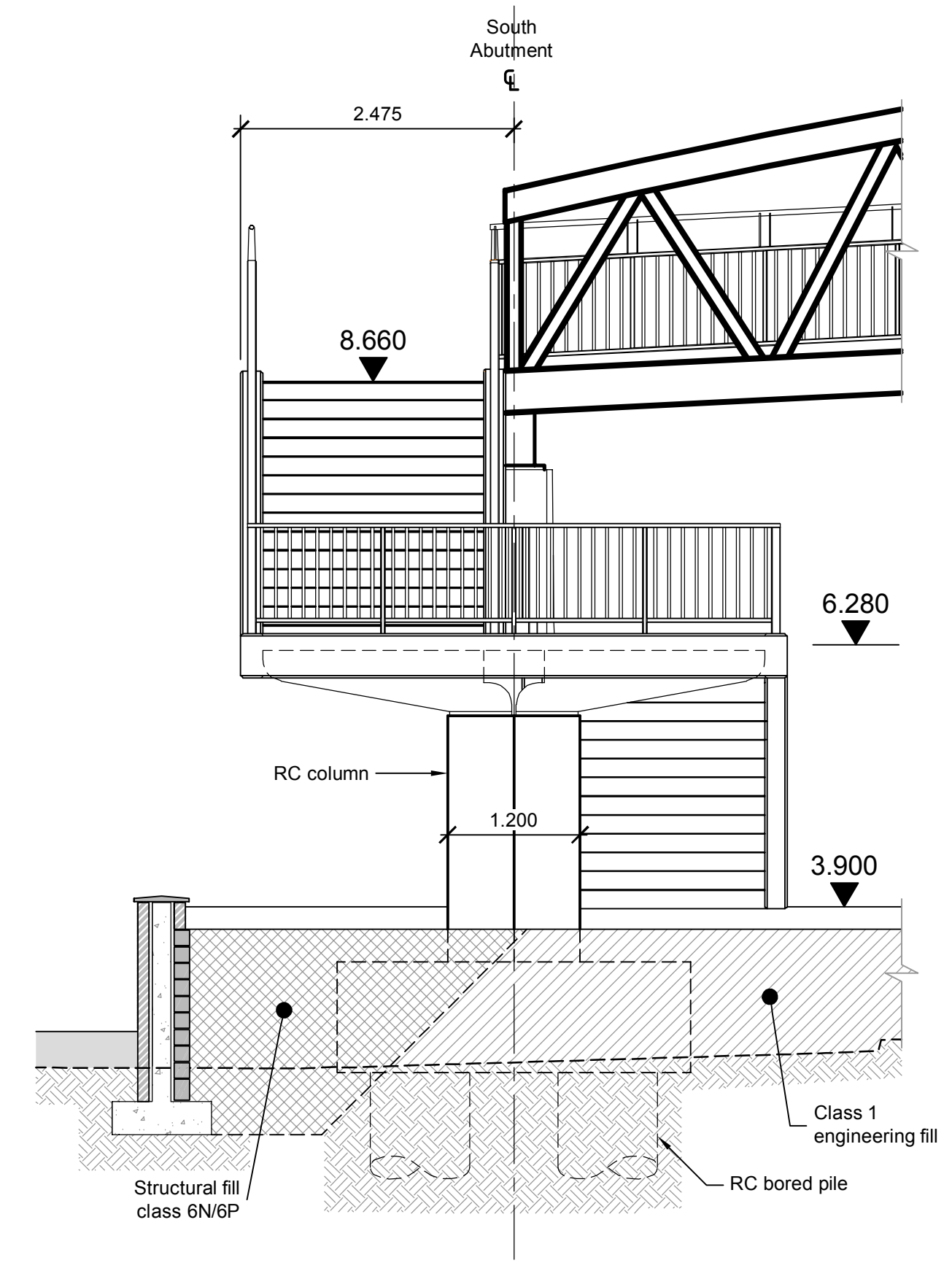
Section B-B
Scale 1:125



Section C-C
Scale 1:125



Section D-D
Scale 1:50



Elevation E-E
Scale 1:50

NOTES

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KEY

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM

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Mott MacDonald Sweco



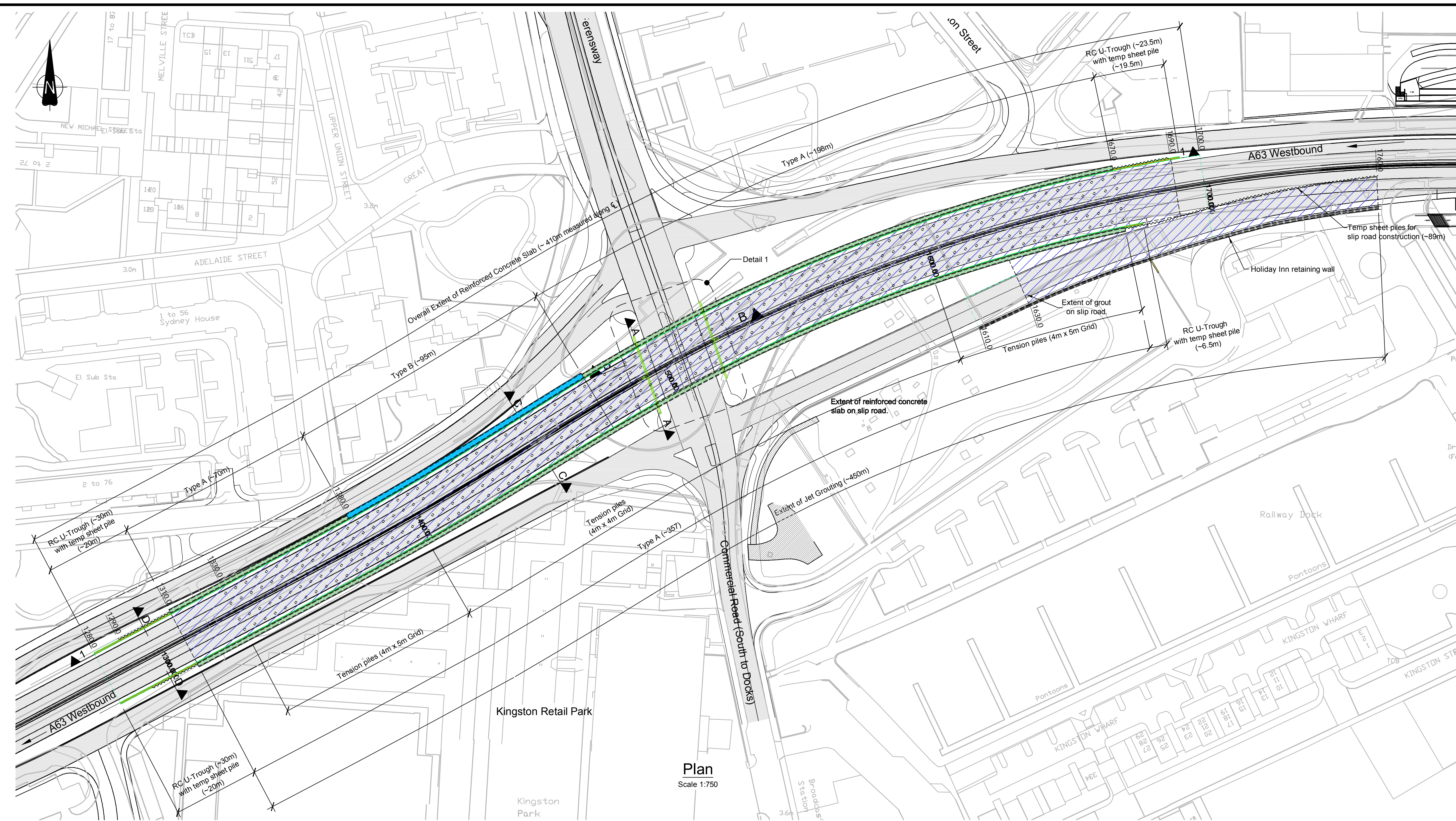
Client
SHARED

Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

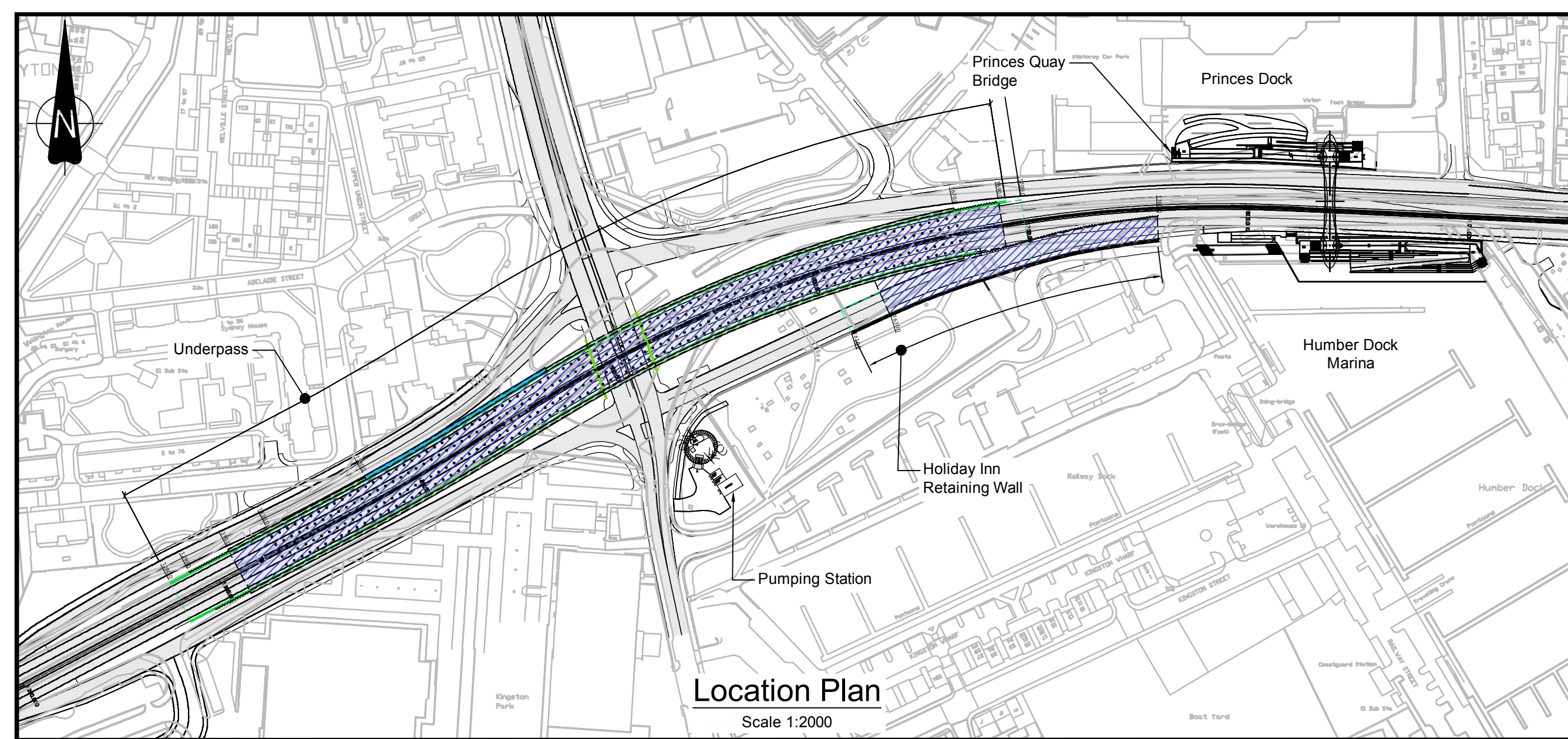
Drawing Title
STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (PORTER STREET BRIDGE) SHEET 2 OF 2

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18

Drawing Number
TR010016/APP/2.6(G) Revision
0



Plan
Scale 1:750



Location Plan
Scale 1:2000

NOTES

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KEY

- TYPE A ('D' WALL 1M THICK)
- TYPE B ('D' WALL 1.2M THICK)
- REINFORCED CONCRETE 'U' - TROUGH WITH TEMP SHEET PILES.
- EXTENT OF JET GROUTING
- TENSION PILES
- EXTENT OF GROUND SLAB
- TEMP SHEET PILES FOR SLIP ROAD CONSTRUCTION.

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM

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Mott MacDonald Sweco



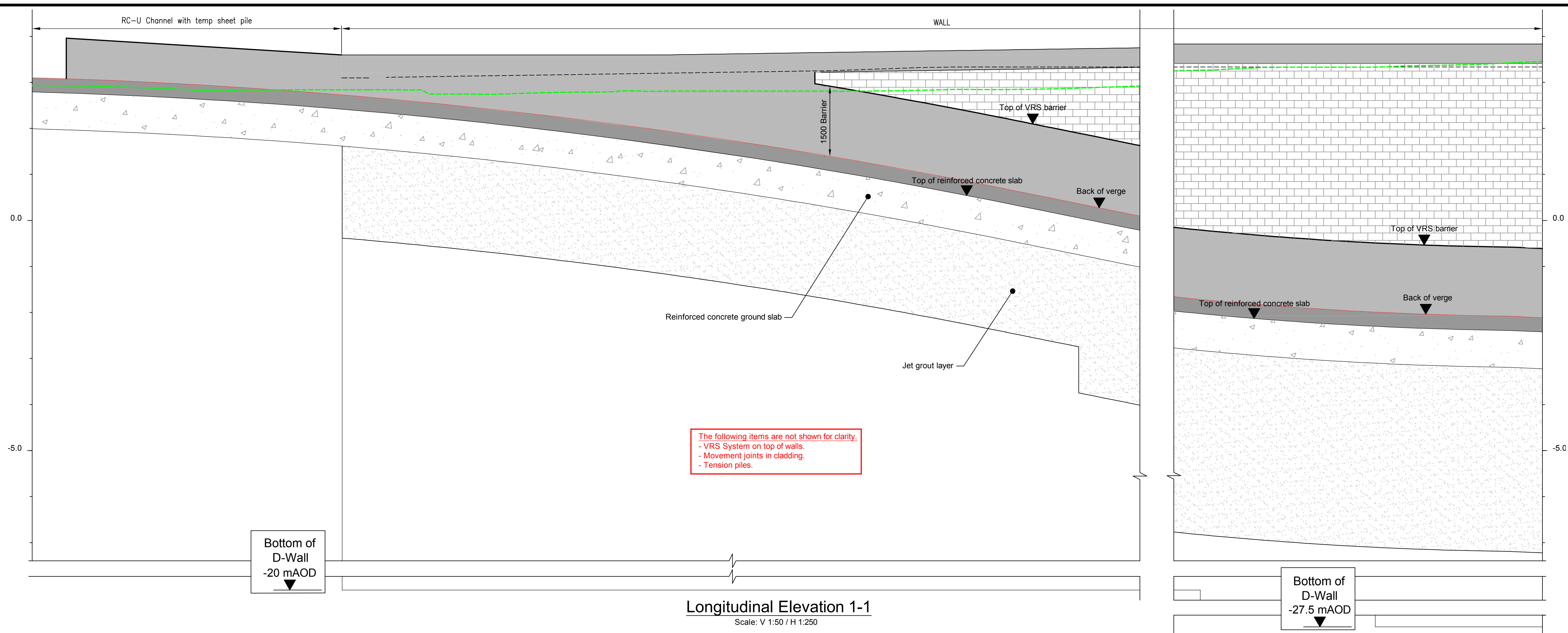
Drawing Status: **SHARED**

Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

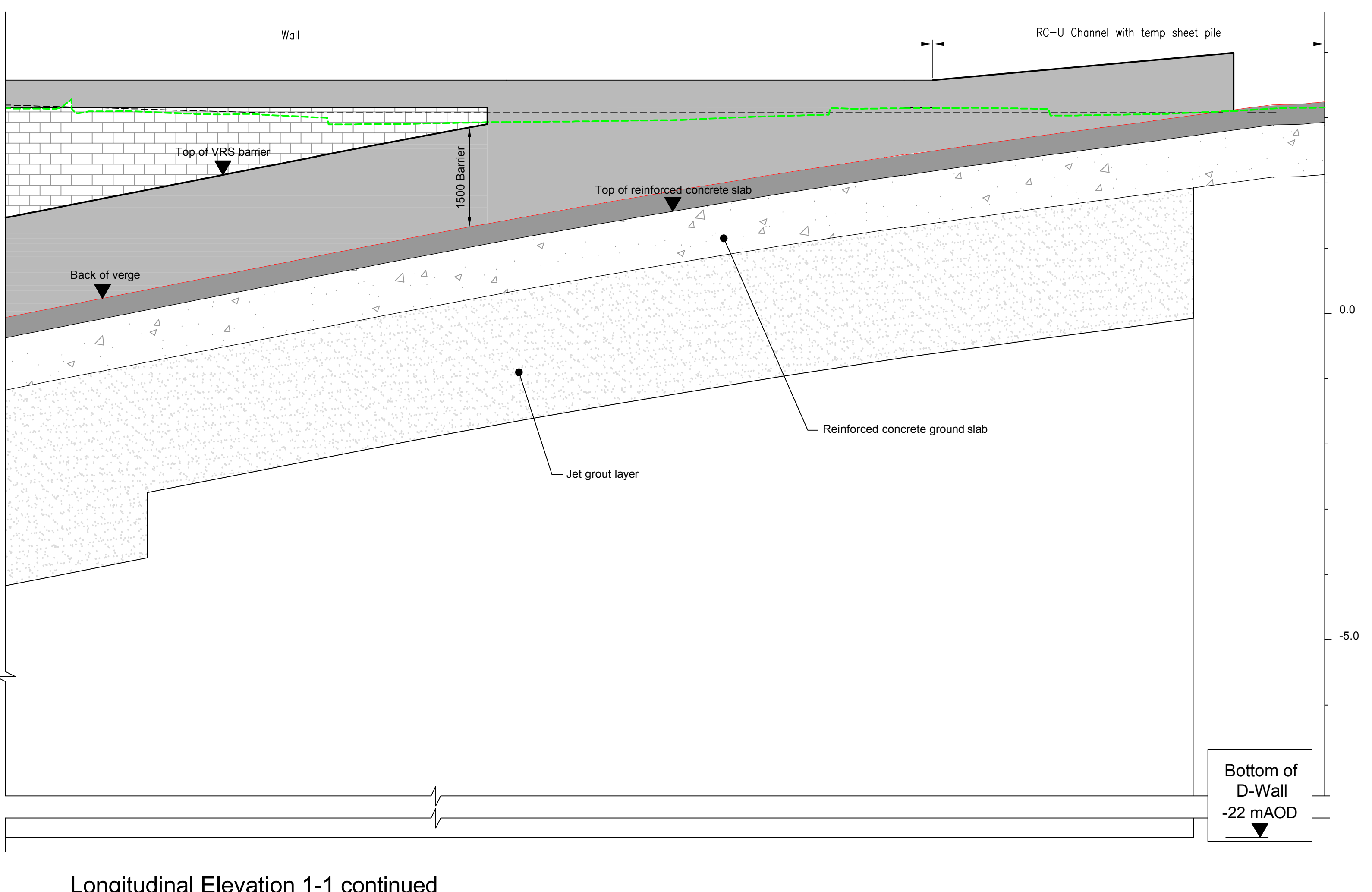
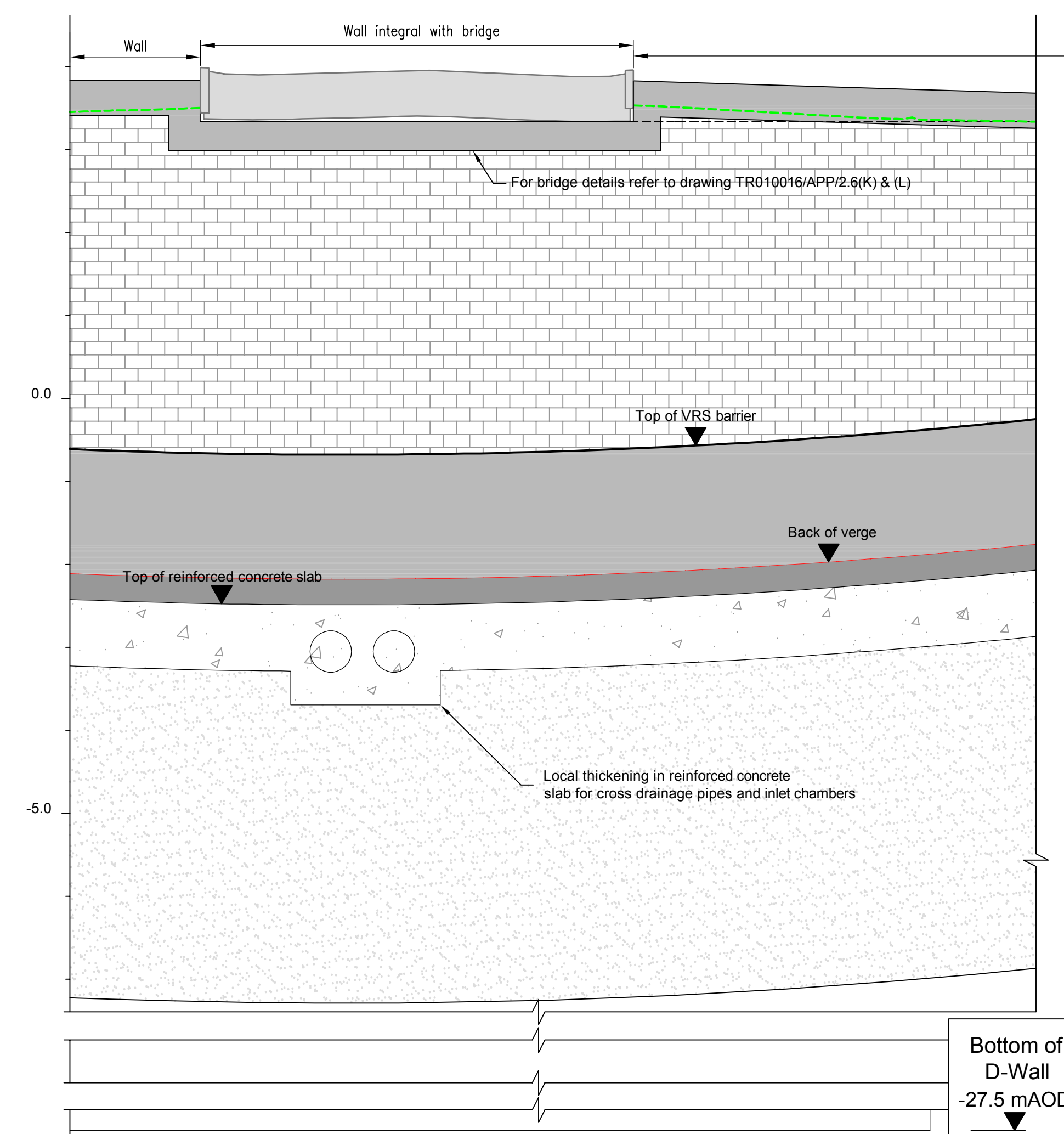
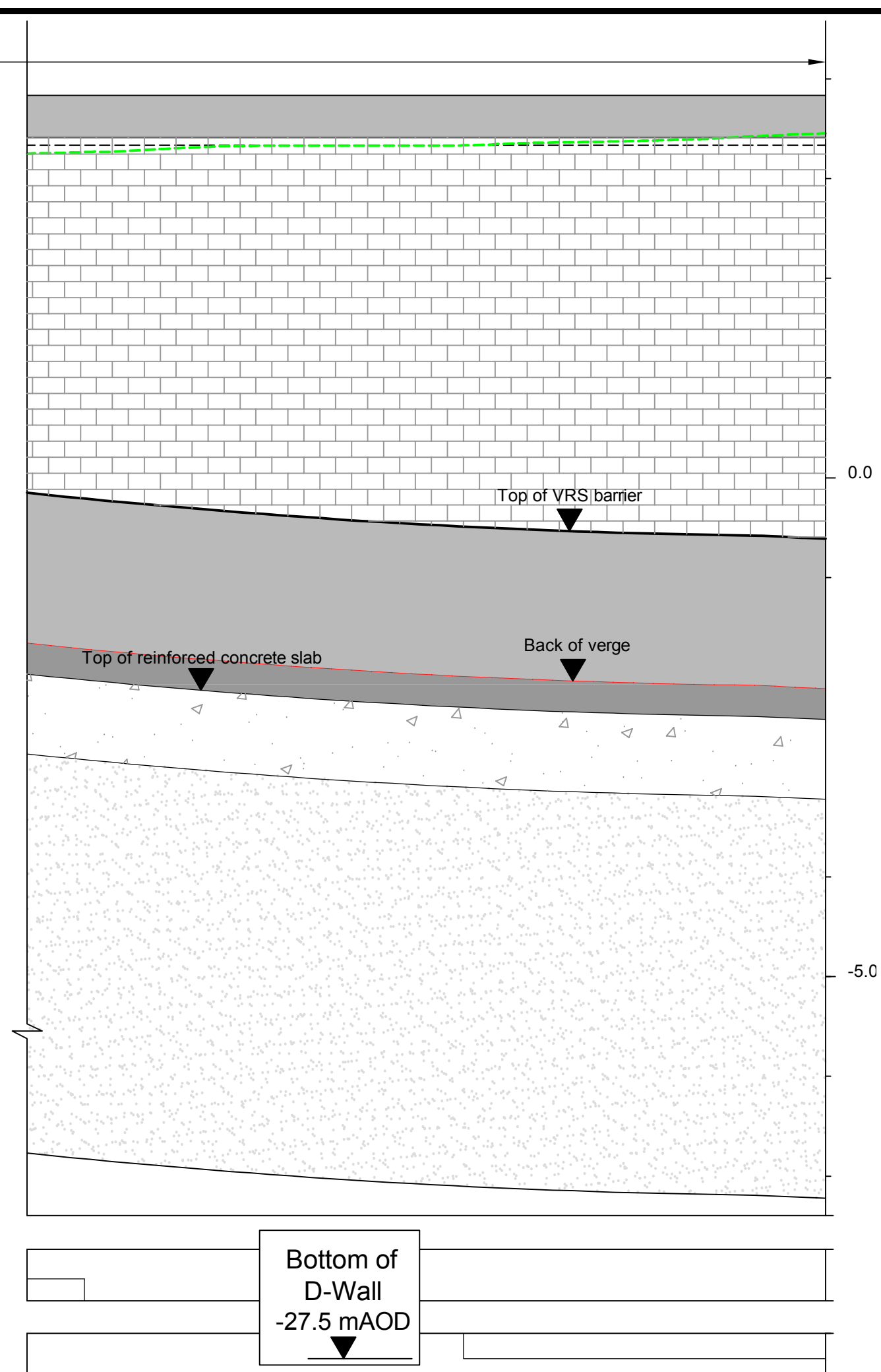
Drawing Title: **STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (UNDERPASS) SHEET 1 OF 4**

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18

Drawing Number: **TR010016/APP/2.6(H)** Revision: **0**



Longitudinal Elevation 1-1
Scale: V 1:50 / H 1:250



Longitudinal Elevation 1-1 continued
Scale: V 1:50 / H 1:250

NOTES

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3. STRUCTURES ENGINEERING DRAWINGS & SECTIONS, REGULATIONS 5(2)(o) & 6(2) SHOULD BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLANS (DOCUMENT REFERENCE TR010016/APP/2.2).
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5. STRUCTURAL DIMENSIONS PROVIDED ARE INDICATIVE AND MAY BE SUBJECT TO CHANGE.

KEY

- Key:
- - - Existing ground level
 - - - Proposed back of footpath

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Client
SHARED

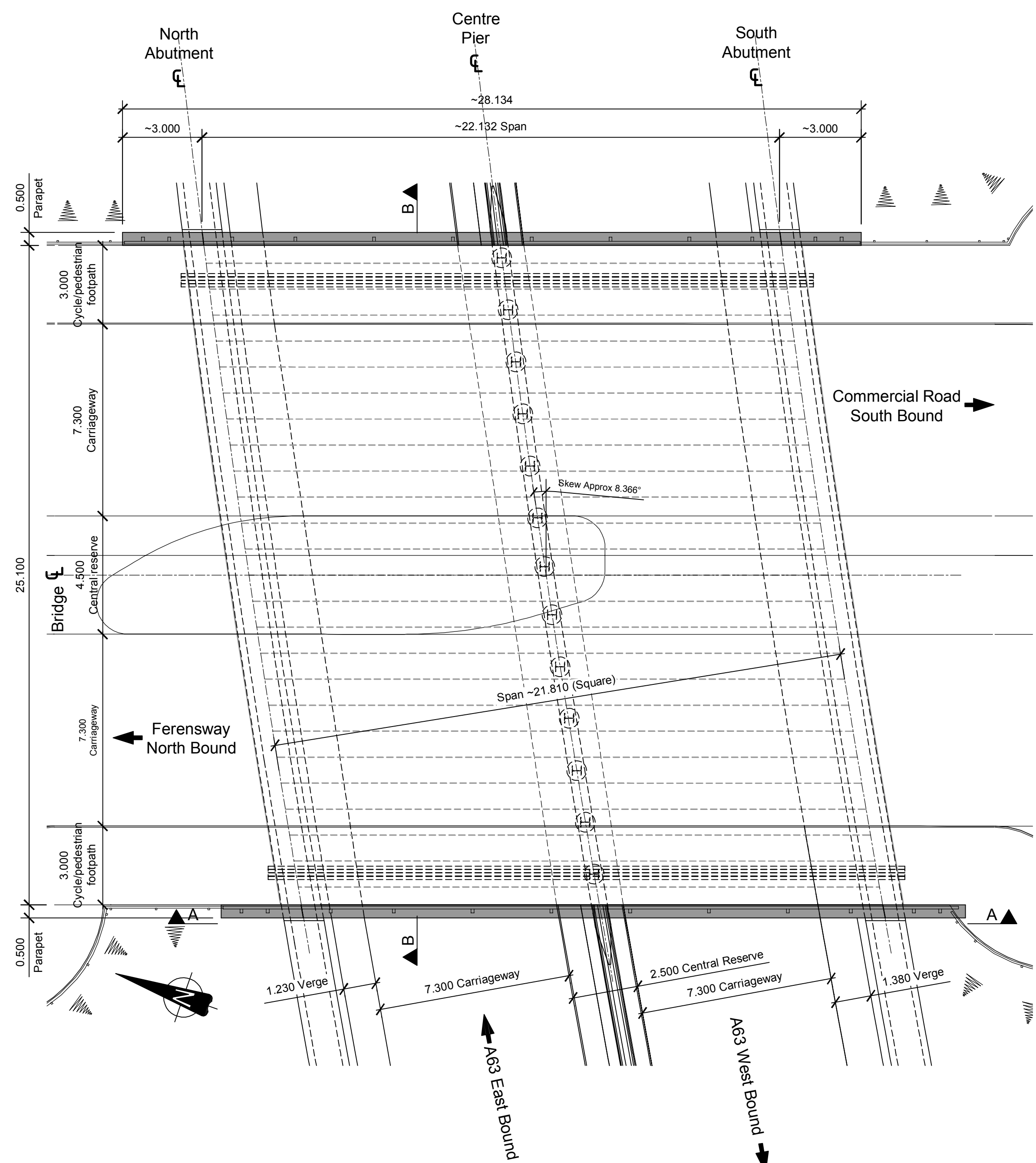
Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title
STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(UNDERPASS)
SHEET 2 OF 4

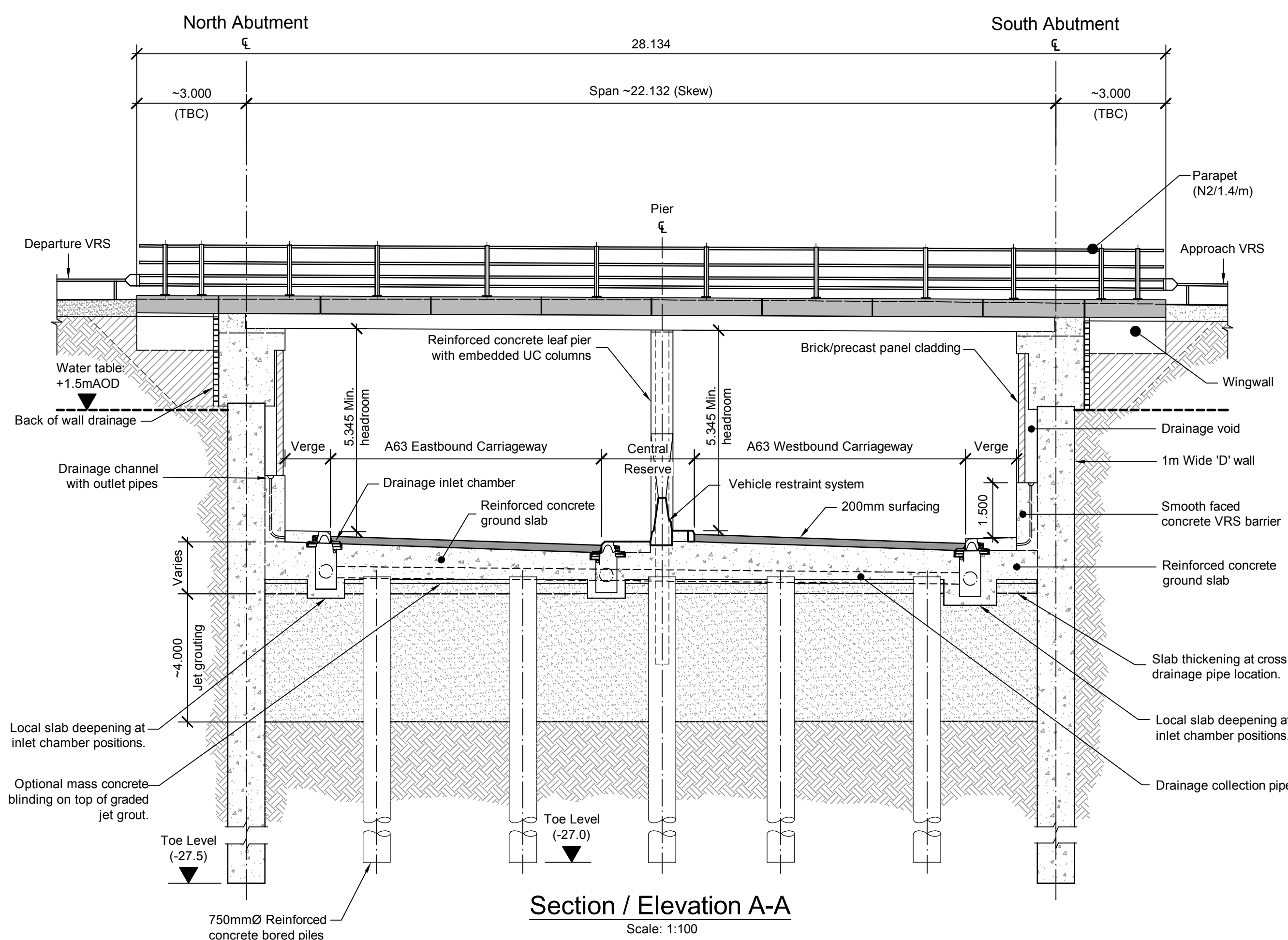
Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18

Drawing Number
TR010016/APP/2.6(J)

Revision
0



Detail 1
(Showing bridge plan layout)
Scale: 1:125



Section / Elevation A-A
Scale: 1:100

- NOTES**
1. ALL DIMENSIONS & CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
 2. ALL LEVELS ARE IN METRES (AOD) UNLESS STATED OTHERWISE.
 3. STRUCTURES ENGINEERING DRAWINGS & SECTIONS, REGULATIONS 5(2)(o) & 6(2) SHOULD BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLANS (DOCUMENT REFERENCE TR010016/APP/2.2).
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- KEY**
- Parapet (N2/1.4m)
 - Wingwall
 - Drainage void
 - 1m Wide 'D' wall
 - Smooth faced concrete VRS barrier
 - Reinforced concrete ground slab
 - Slab thickening at cross drainage pipe location.
 - Local slab deepening at inlet chamber positions.
 - Drainage collection pipe

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco

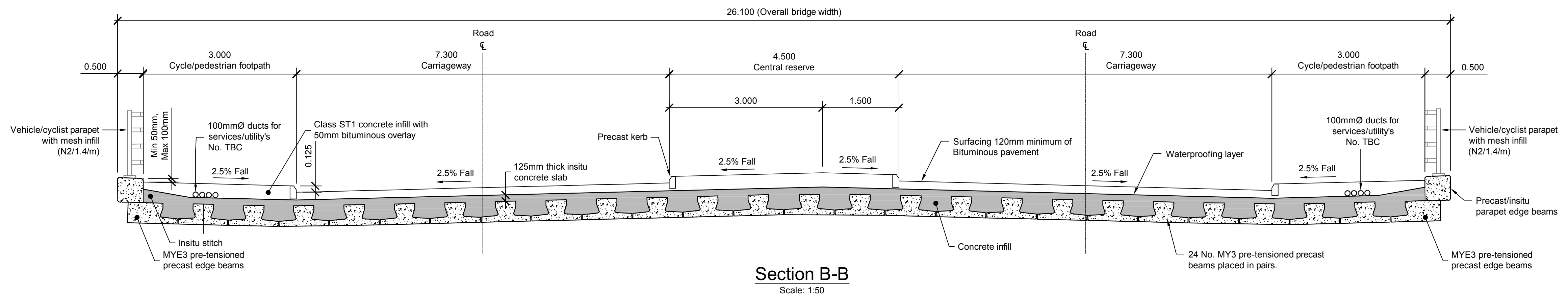


Client
SHARED

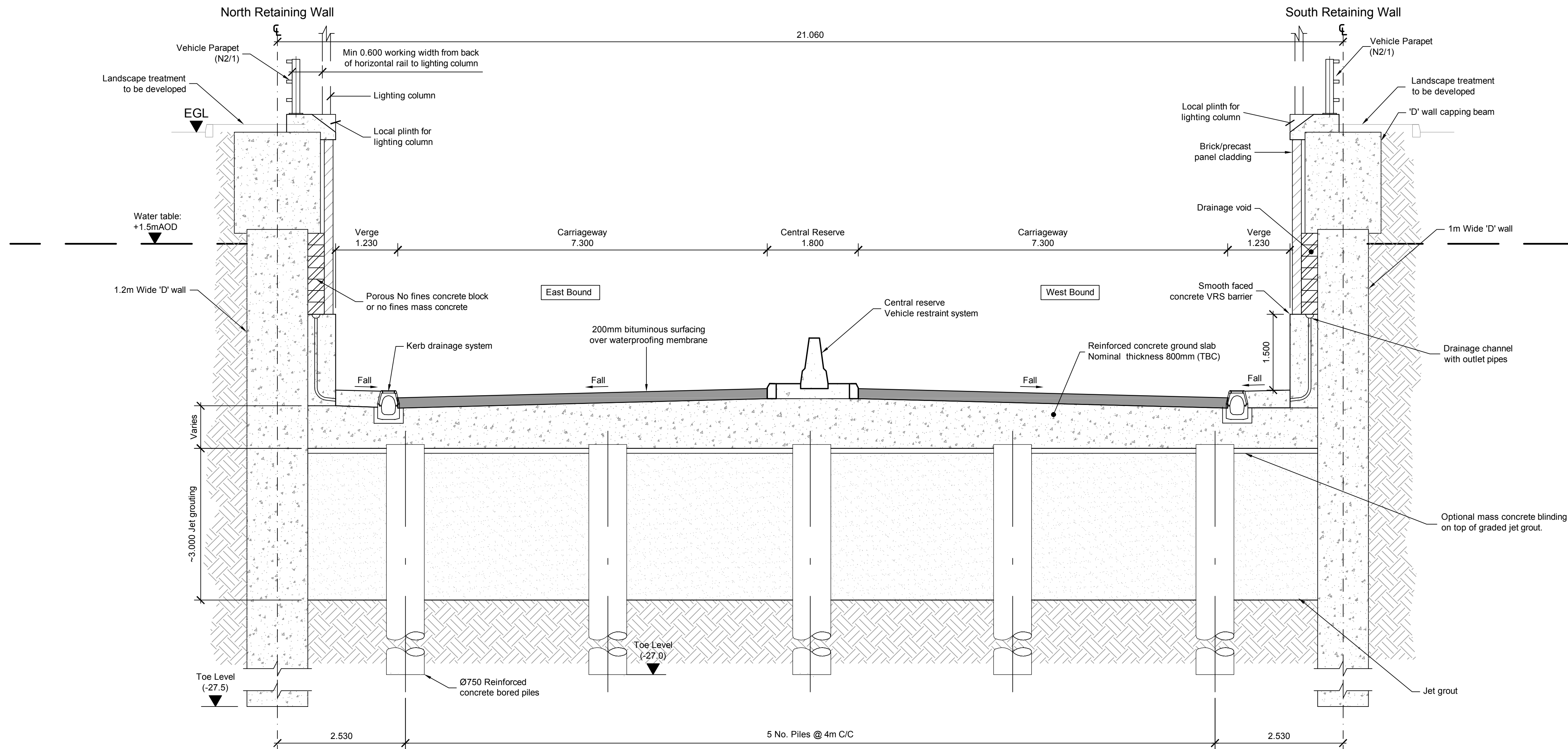
Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title
**STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(UNDERPASS)
SHEET 3 OF 4**

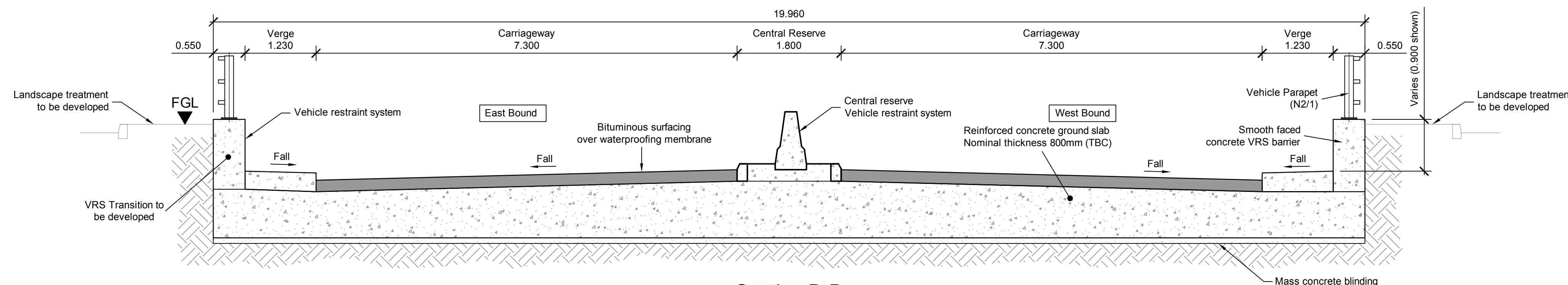
Scale	AS SHOWN	Designed	YB	Drawn	VMC	Checked	JDH	Approved	JFM	
Original Size	A1	Date	20/09/18	Date	20/09/18	Date	20/09/18	Date	20/09/18	
Drawing Number	TR010016/APP/2.6(K)								Revision	0



Section B-B
Scale: 1:50



Section C-C
Scale: 1:50



Section D-D
Scale: 1:50

NOTES

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KEY

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco



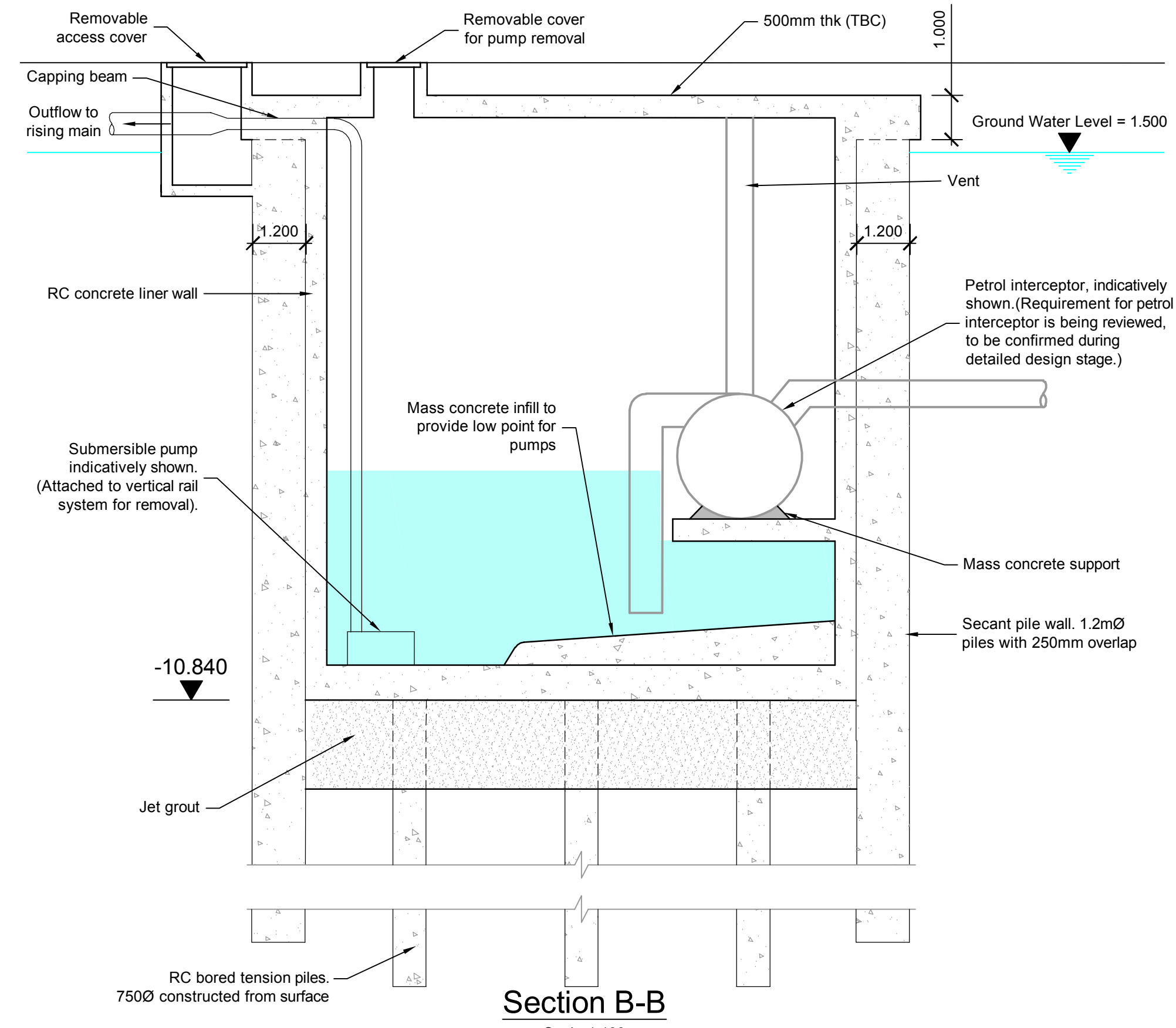
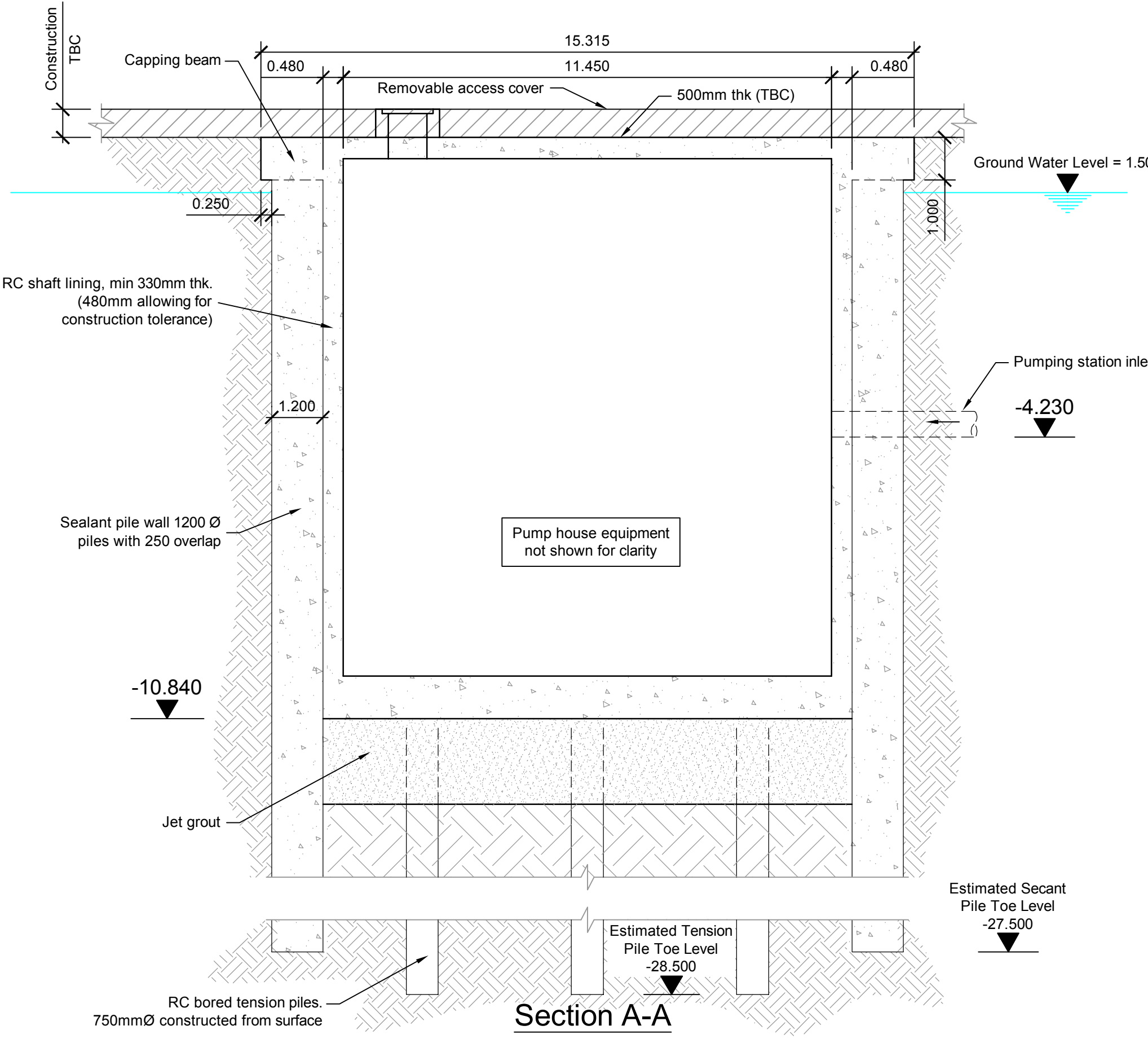
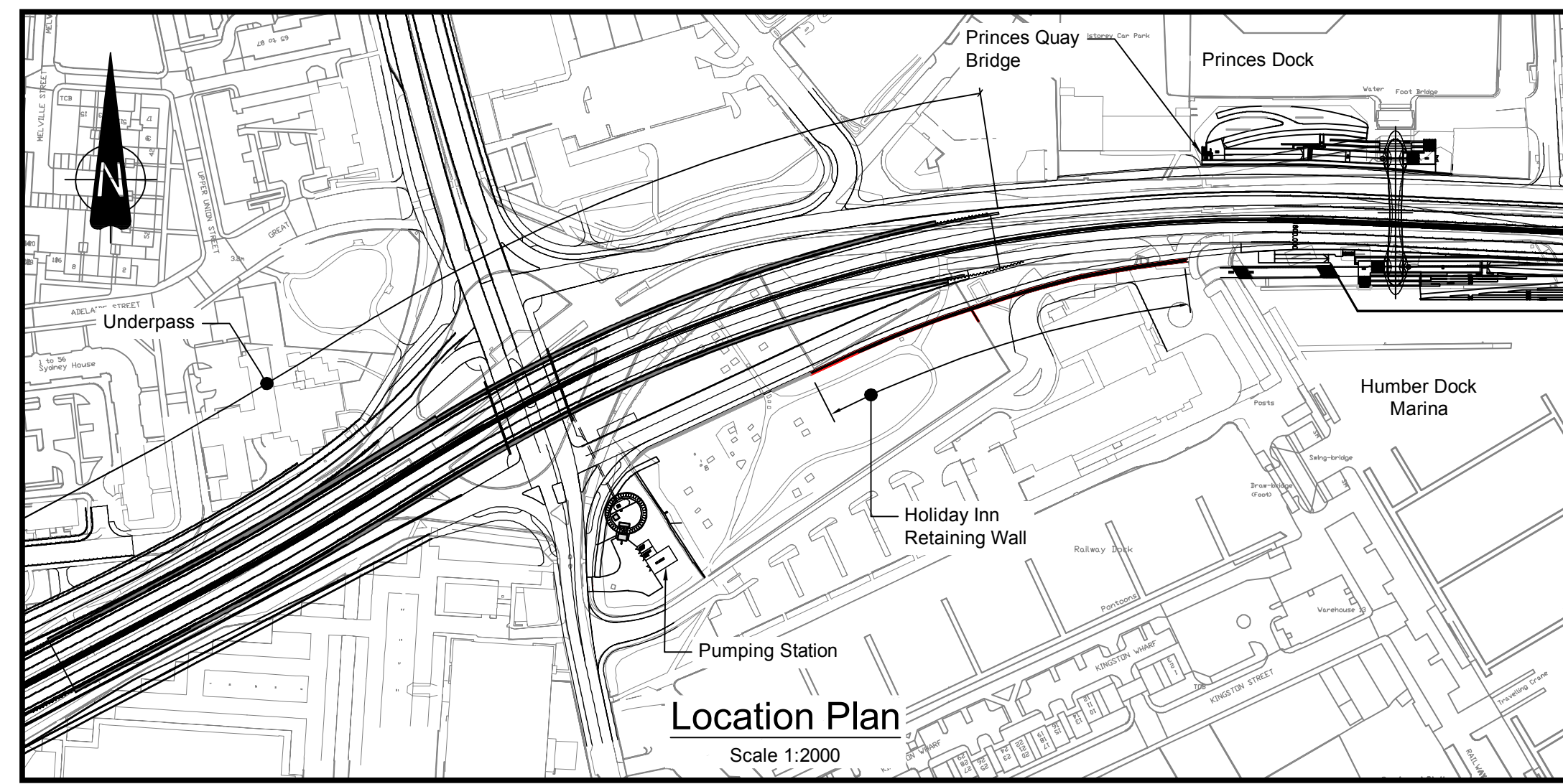
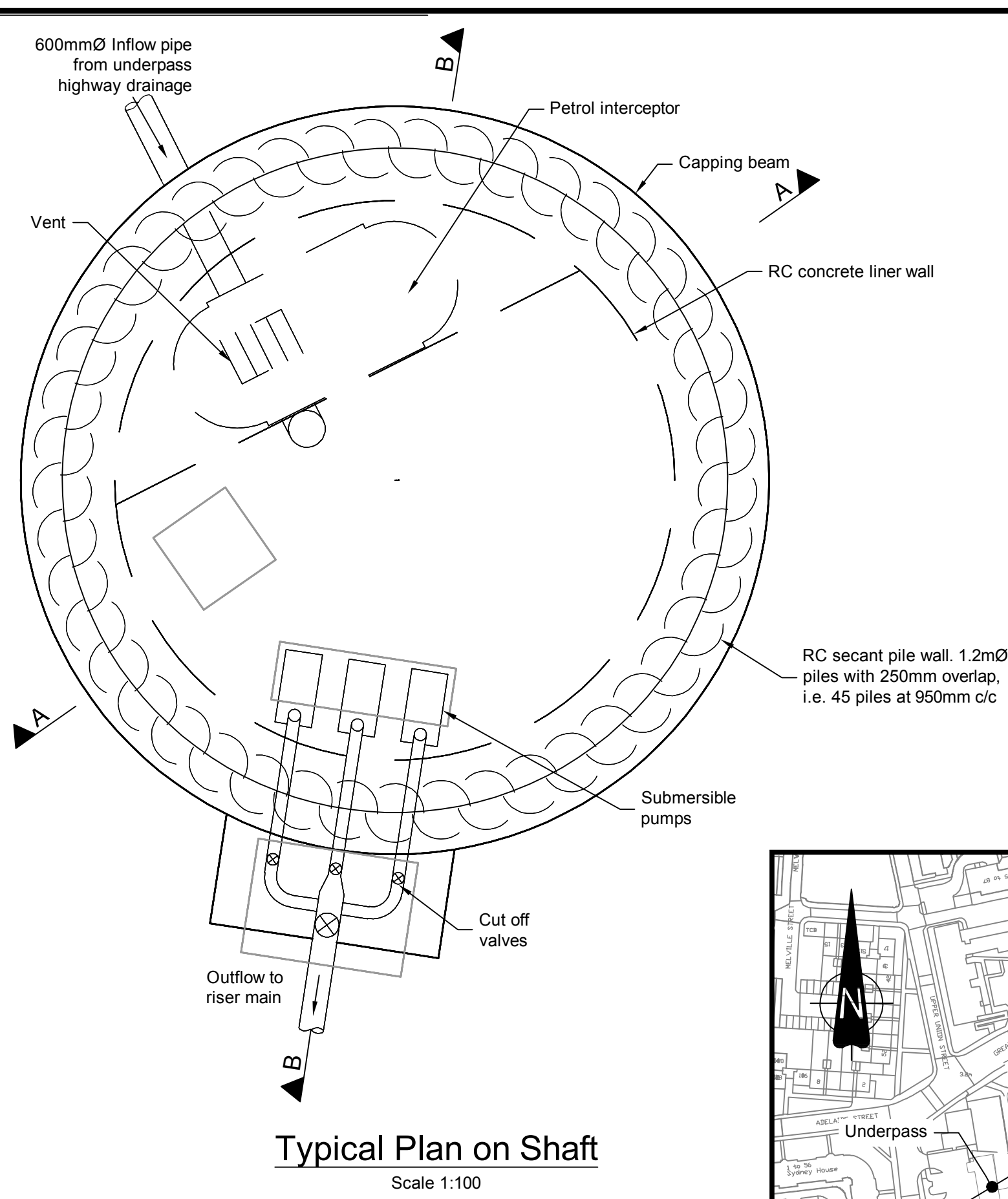
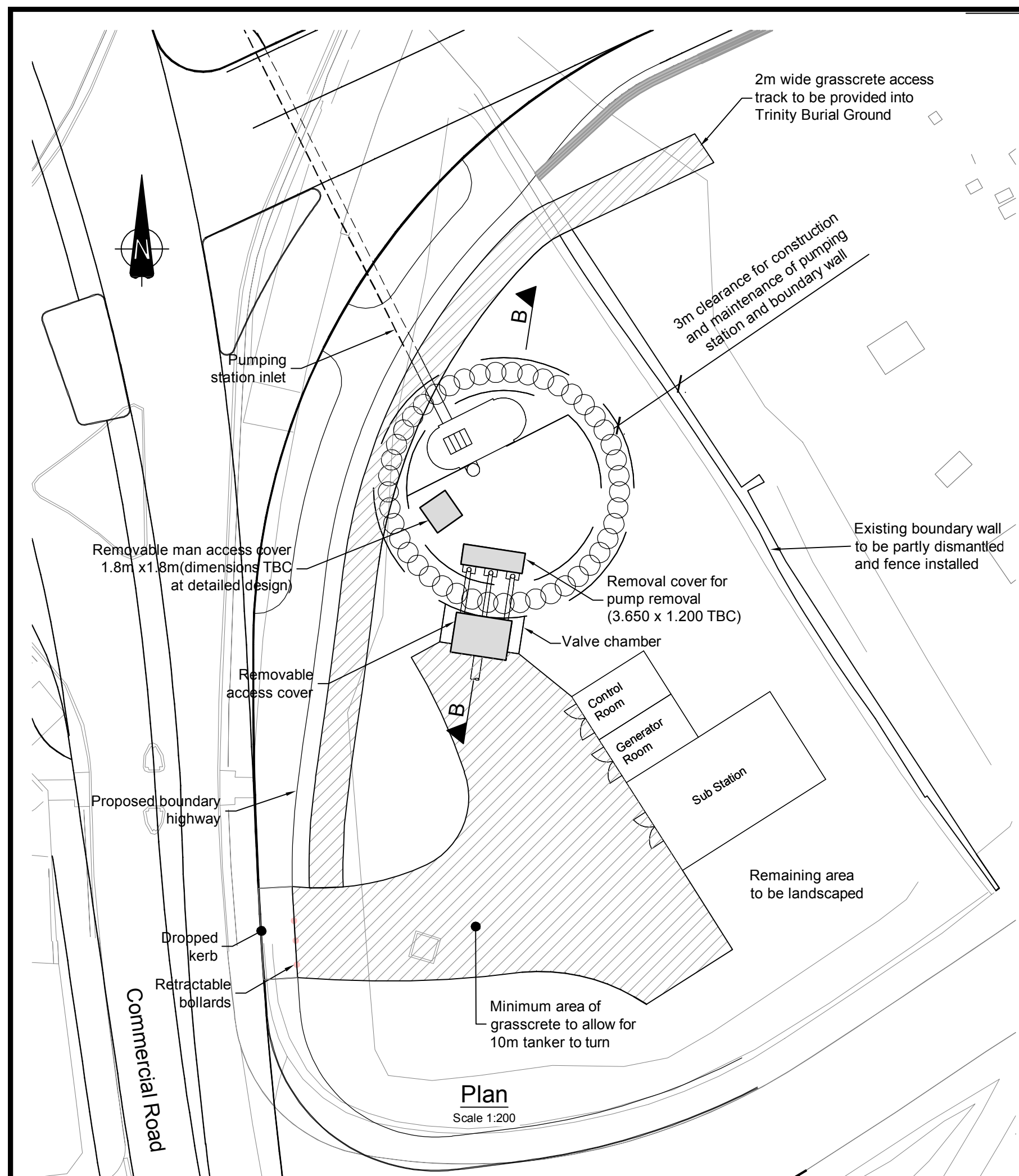
Drawing Status: **SHARED**

Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

Drawing Title: **STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (UNDERPASS) SHEET 4 OF 4**

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18

Drawing Number: **TR010016/APP/2.6(L)** Revision: **0**



NOTES

1. ALL DIMENSIONS & CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
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KEY

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd
0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM

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Mott MacDonald Sweco

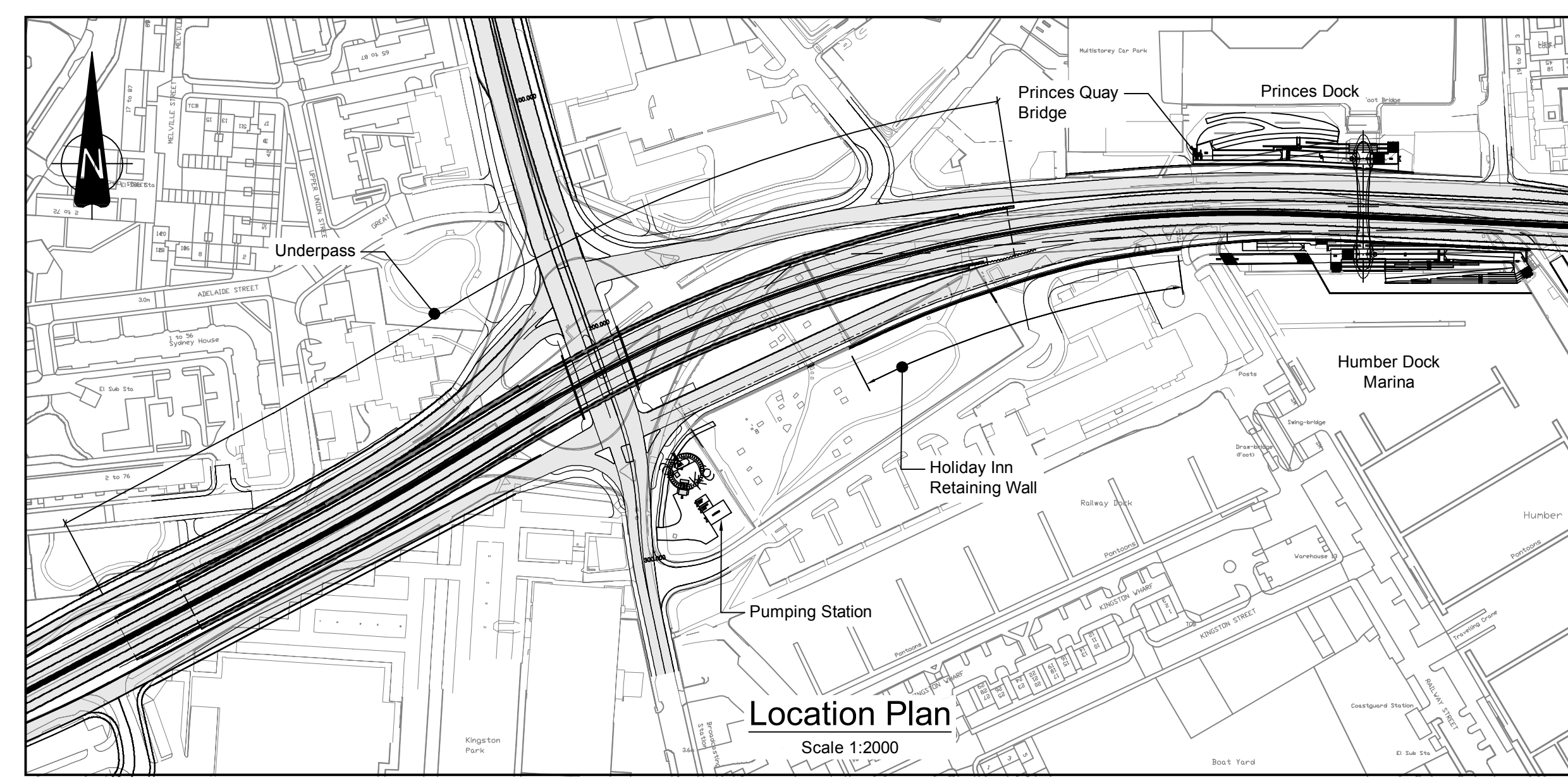
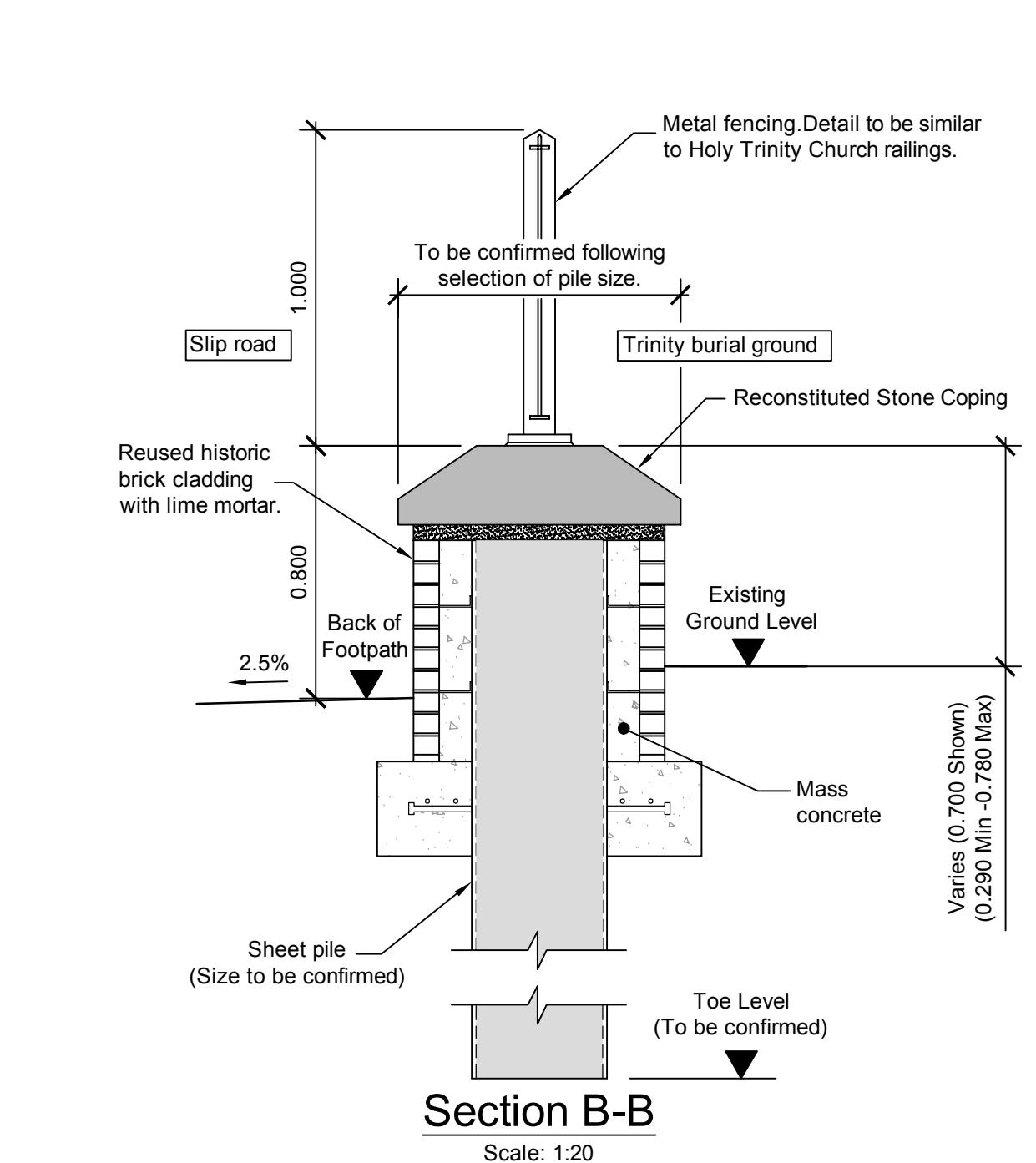
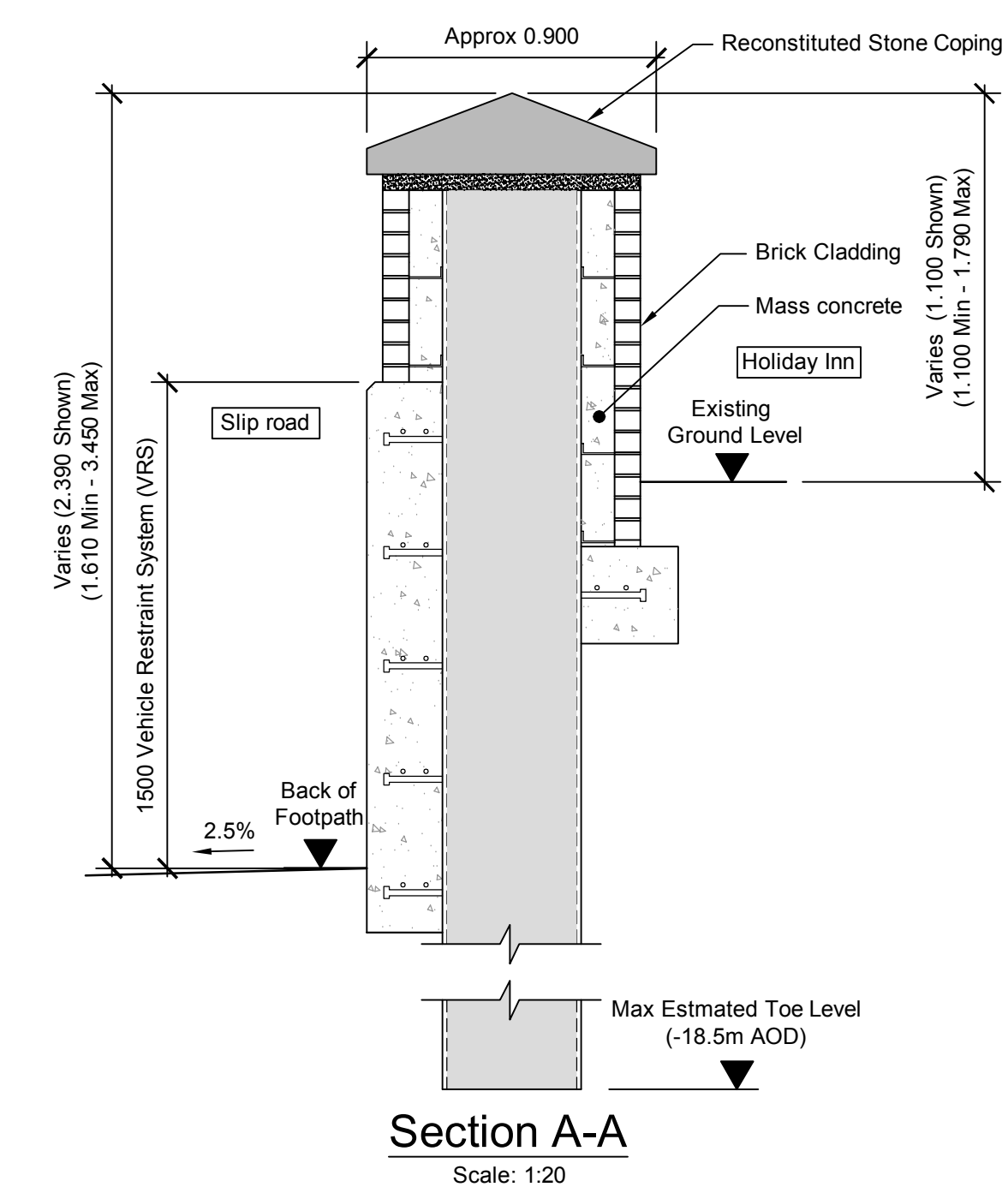
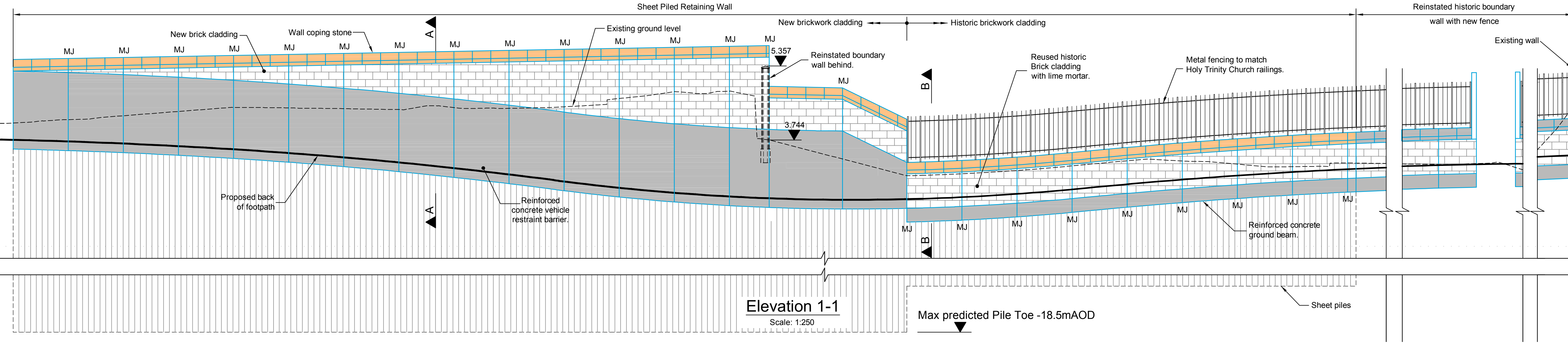
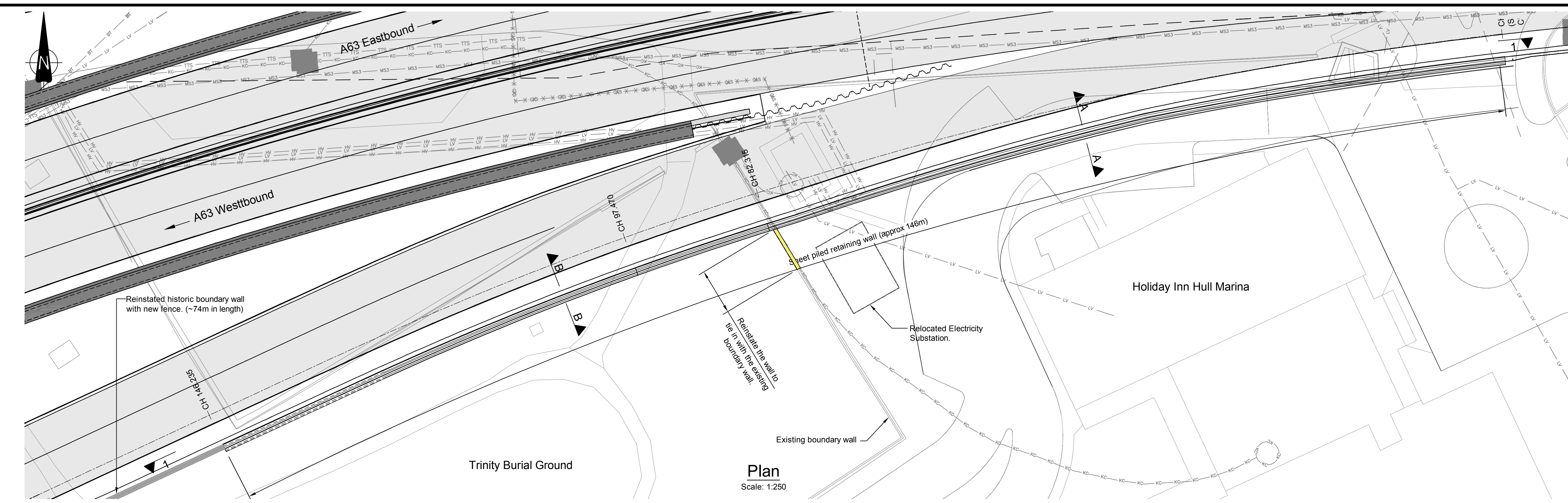


Client: **highways england**
Drawing Status: **SHARED**

Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

Drawing Title: **STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (PUMPING STATION)**

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(M)	0			



NOTES

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KEY

KEY - STATUTORY UTILITIES

— GND —	NORTHERN GAS NETWORK (LOW PRESSURE) - EXISTING OUTSIDE WORKS AREA
— GND —	NORTHERN GAS NETWORK (LOW PRESSURE) - EXISTING WITHIN WORKS AREA
— GND —	NORTHERN GAS NETWORK (LOW PRESSURE) - ABANDONED
— GND —	NORTHERN GAS NETWORK (LOW PRESSURE) - PROPOSED DIVERSION
— KC — KC —	KINGSTON COMMUNICATIONS - EXISTING OUTSIDE WORKS AREA
— KC — KC —	KINGSTON COMMUNICATIONS - EXISTING WITHIN WORKS AREA
— BT —	BT DUCT ROUTE - EXISTING OUTSIDE WORKS AREA
— BT —	BT DUCT ROUTE - EXISTING WITHIN WORKS AREA
— BT —	BT DUCT ROUTE - PROPOSED DIVERSION
— HV —	NATIONAL POWER GRID - EXISTING (HV 11kV MAINS) OUTSIDE WORKS AREA
— HV —	NATIONAL POWER GRID - EXISTING (HV 11kV MAINS) WITHIN WORKS AREA
— LV —	NATIONAL POWER GRID - EXISTING (LV MAINS) OUTSIDE WORKS AREA
— LV —	NATIONAL POWER GRID - EXISTING (LV MAINS) WITHIN WORKS AREA
— — —	YORKSHIRE WATER SEWAGE - EXISTING OUTSIDE WORKS AREA
— — —	YORKSHIRE WATER SEWAGE - EXISTING WITHIN WORKS AREA
— — —	YORKSHIRE WATER SEWAGE - ABANDONED
— — —	YORKSHIRE WATER SEWAGE - PROPOSED DIVERSION
— — —	YORKSHIRE WATER SEWAGE - EXISTING OUTSIDE WORKS AREA
— — —	YORKSHIRE WATER SEWAGE - EXISTING WITHIN WORKS AREA
— TTS —	TECHMAC TRAFFIC SIGNALS - EXISTING DUCTING WITHIN WORKS AREA

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco

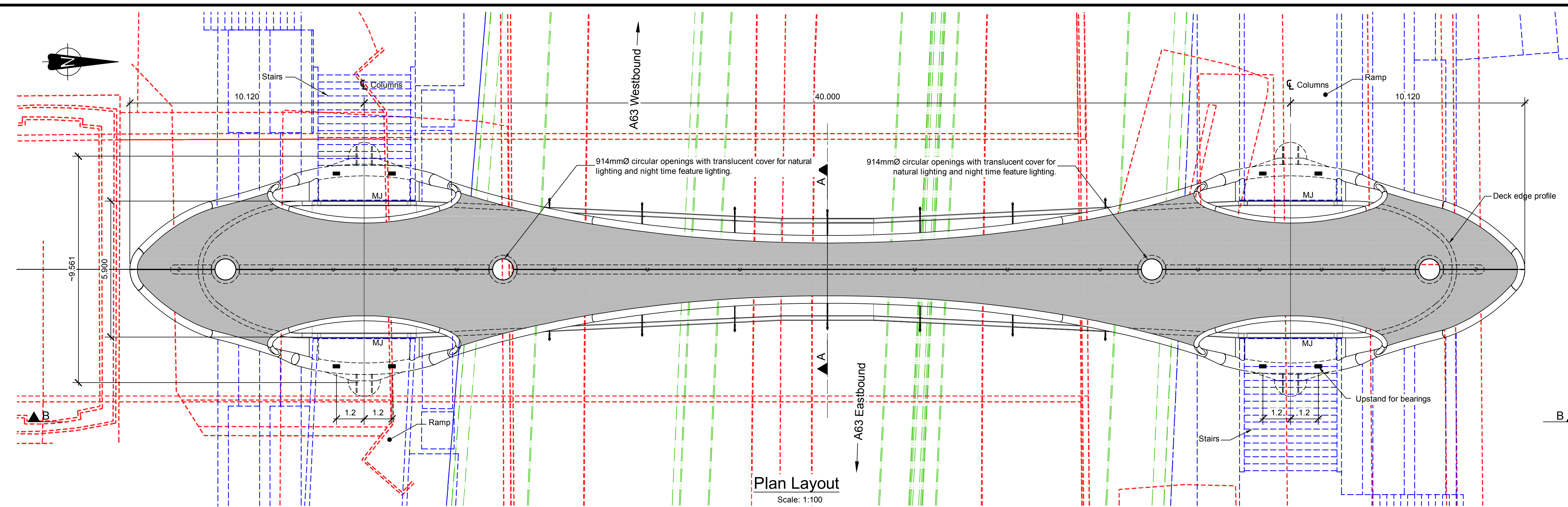
highways england

Client: **highways england**
Drawing Status: **SHARED**

Project Title: **A63 (CASTLE STREET IMPROVEMENT, HULL)**

Drawing Title: **STRUCTURES DETAILS REGULATIONS 5(2)(o) & 6(2) (HOLIDAY INN RETAINING WALL)**

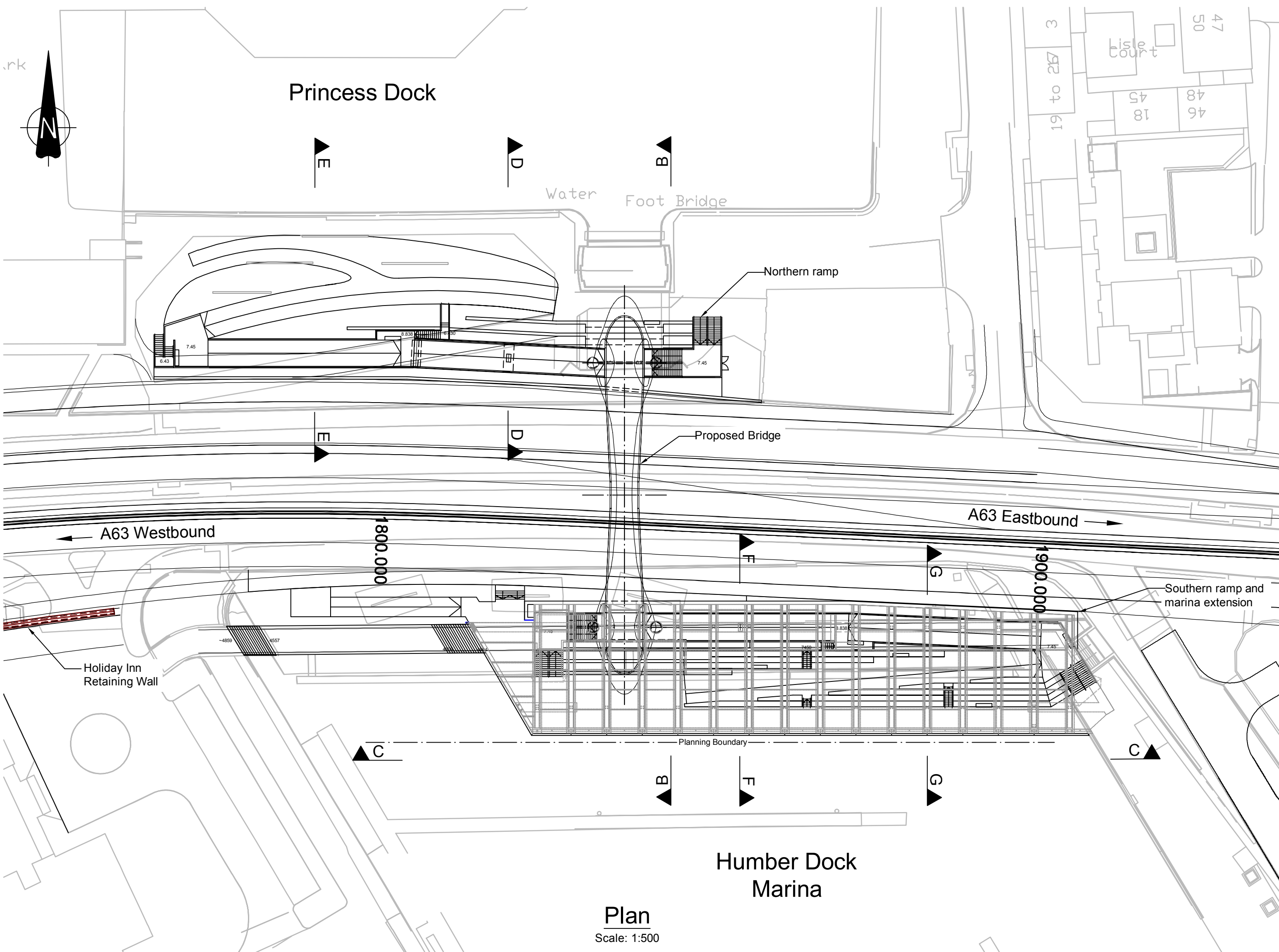
Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	TR010016/APP/2.6(N)			Revision
				0



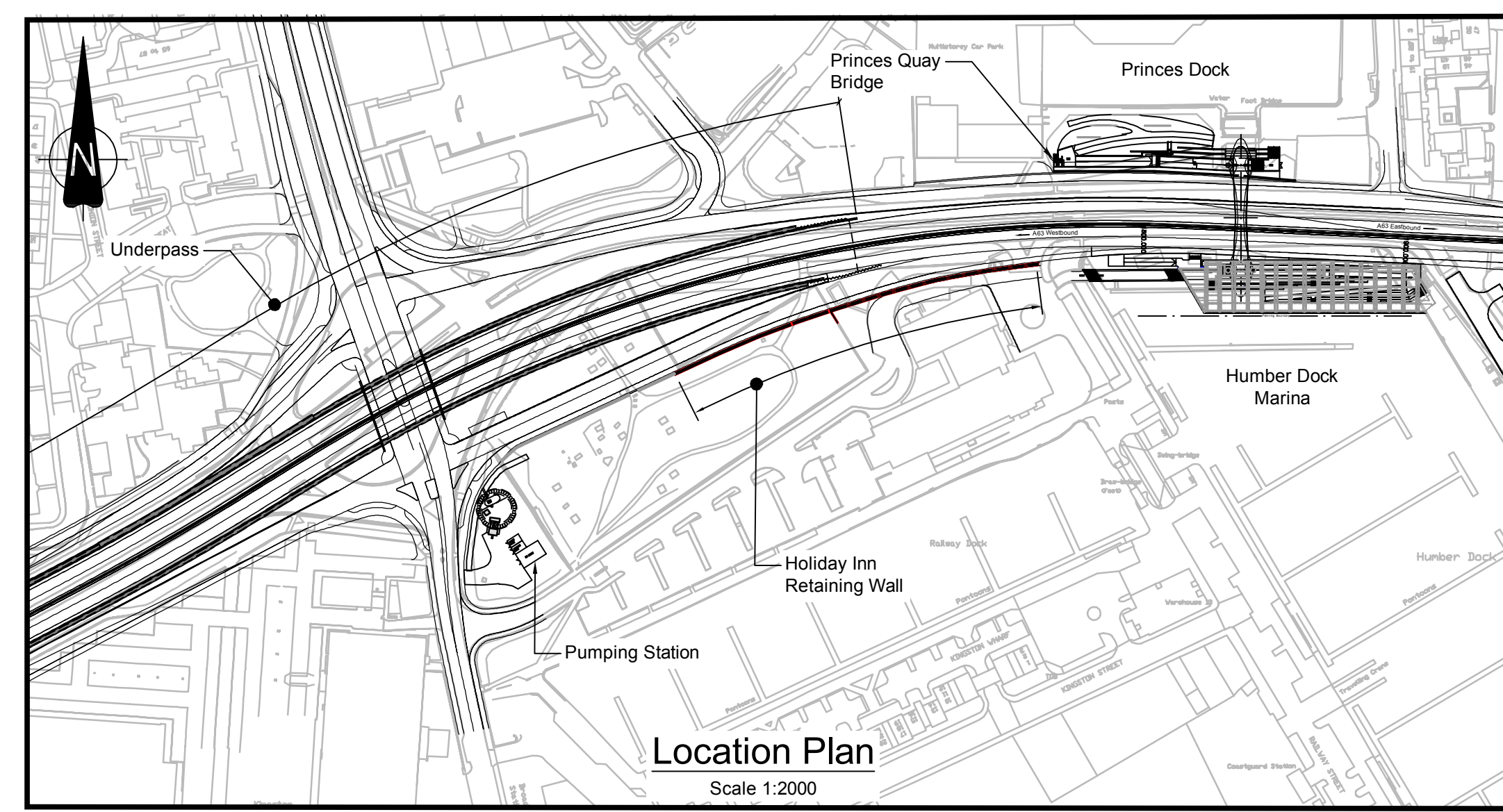
Plan Layout
Scale: 1:100

- ### NOTES
1. ALL DIMENSIONS & CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
 2. ALL LEVELS ARE IN METRES (AOD) UNLESS STATED OTHERWISE.
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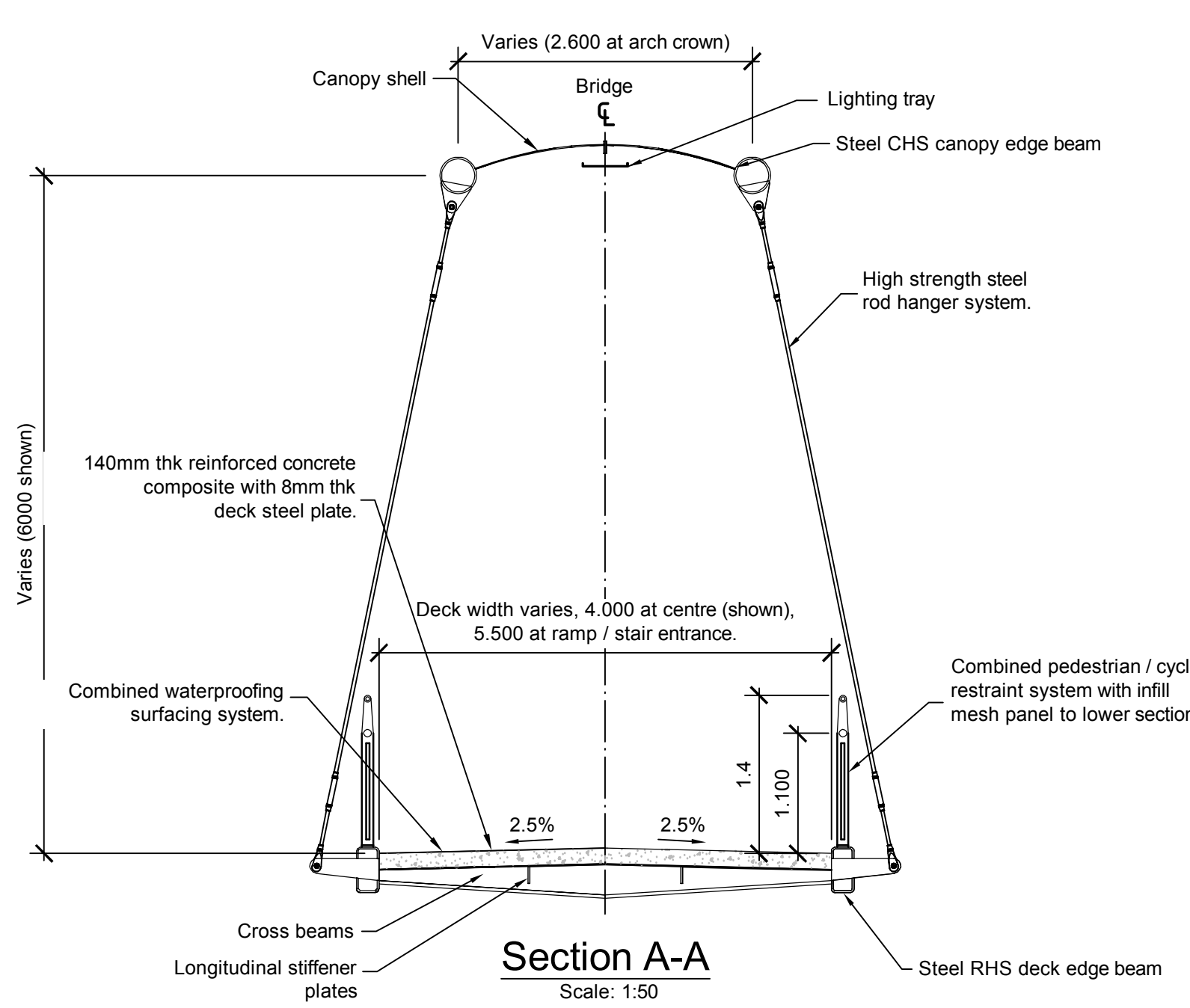
- ### KEY
- - - Existing structure and highway alignment
 - Proposed structure
 - - - Indicatively shown proposed structure
 - Future proposed highway
 - Surveyed Water Level



Plan
Scale: 1:500



Location Plan
Scale 1:2000



Section A-A
Scale: 1:50

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco

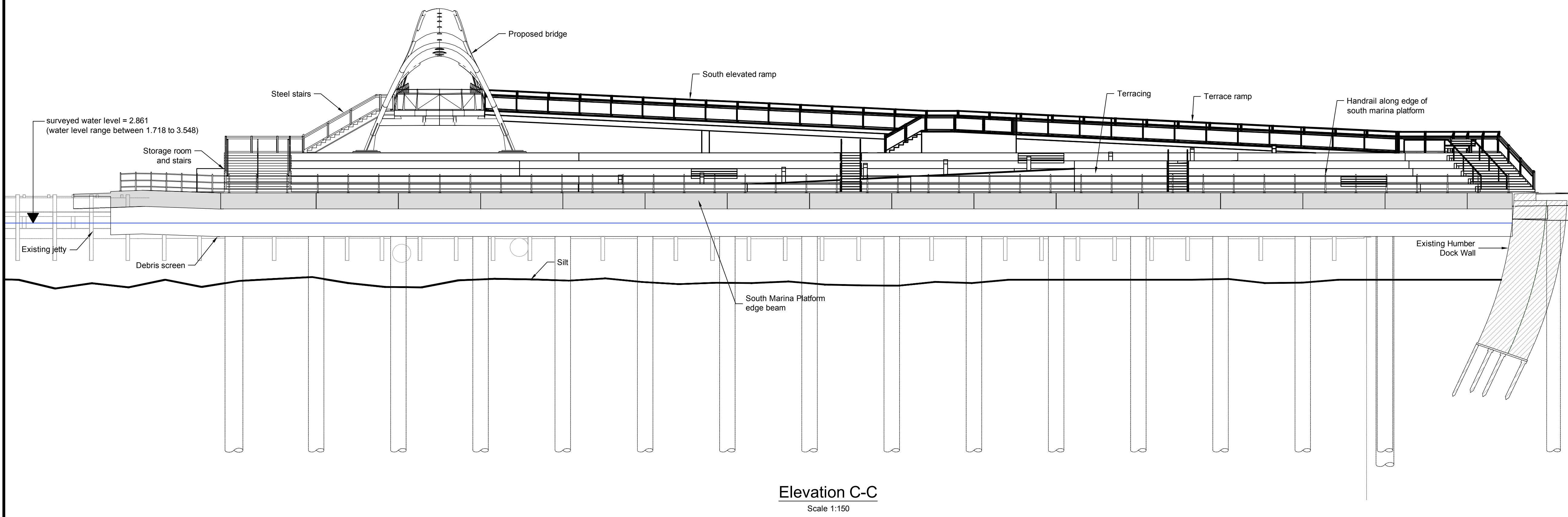
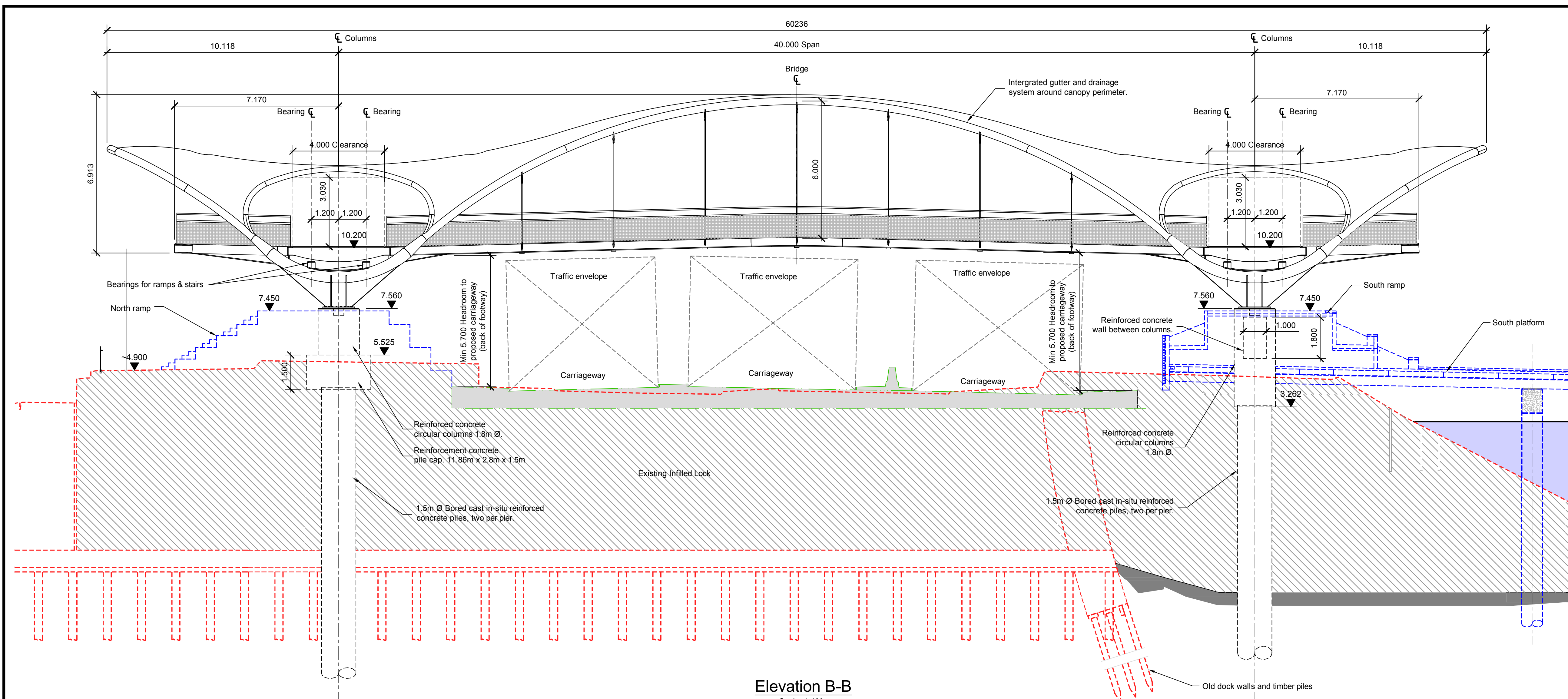


Client
Drawing Status: **SHARED**

Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title
**STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(PRINCES QUAY BRIDGE)
SHEET 1 OF 4**

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(P)	0			



NOTES

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KEY

- - - Existing structure and highway alignment
- Proposed structure
- - - - - Indicatively shown proposed structure
- Future proposed highway
- Surveyed Water Level

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco



Client
SHARED

Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)



Drawing Title
**STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(PRINCES QUAY BRIDGE)
SHEET 2 OF 4**

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	Revision			
TR010016/APP/2.6(Q)	0			

NOTES

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KEY

-  Polystyrene protection membrane
-  Lightweight fill (Leca or similar approved)

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco



Client
SHARED

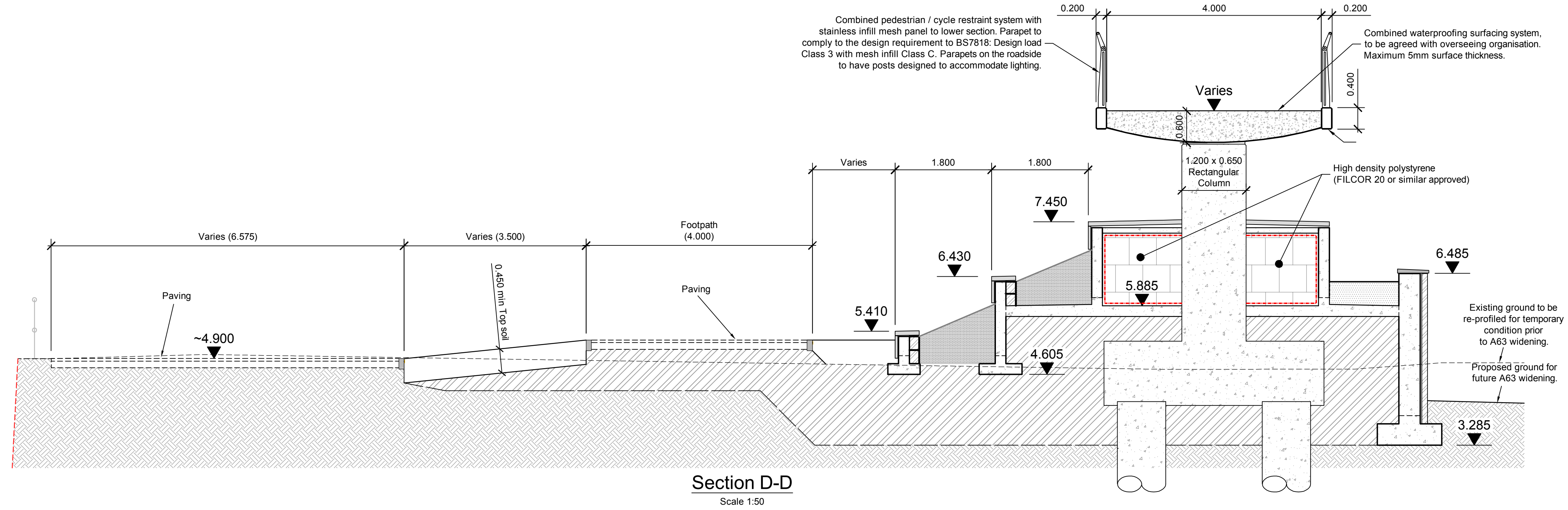
Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title
**STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(PRINCES QUAY BRIDGE)
SHEET 3 OF 4**

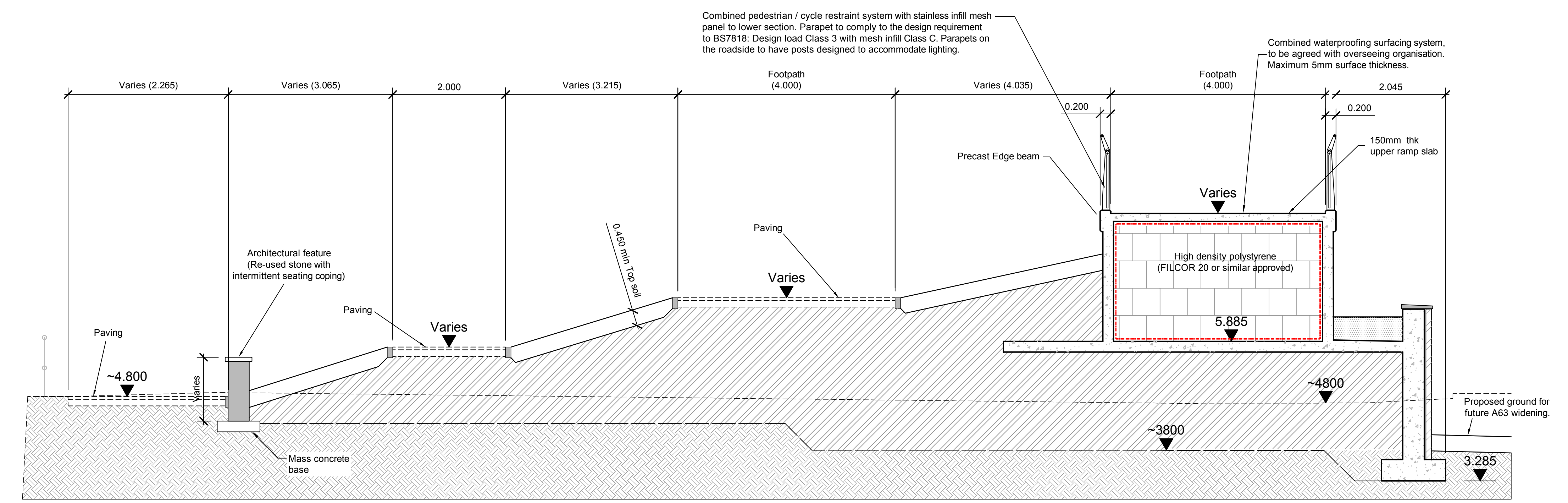
Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18

Drawing Number
TR010016/APP/2.6(R)

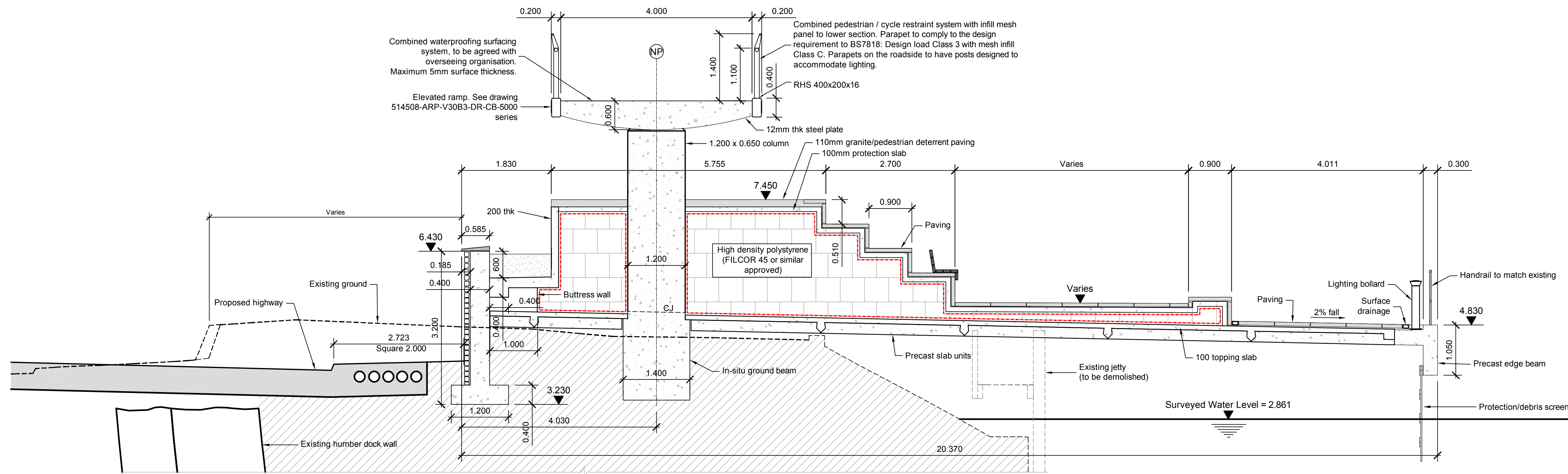
Revision
0



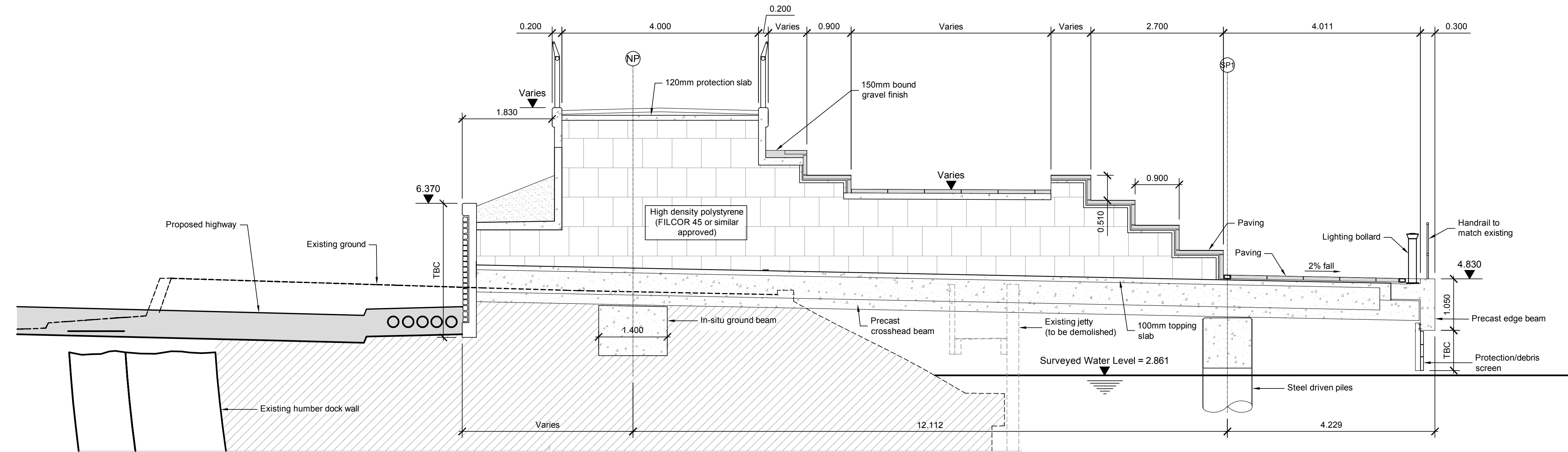
Section D-D
Scale 1:50



Section E-E
Scale 1:50



Section F-F
Scale 1:50



Section G-G
Scale 1:50

NOTES

1. ALL DIMENSIONS & CHAINAGES ARE IN METRES UNLESS STATED OTHERWISE.
2. ALL LEVELS ARE IN METRES (AOD) UNLESS STATED OTHERWISE.
3. STRUCTURES ENGINEERING DRAWINGS & SECTIONS, REGULATIONS 5(2)(o) & 6(2) SHOULD BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT PLANS (DOCUMENT REFERENCE TR010016/APP/2.2).
4. PLANS TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER APPLICATION
5. STRUCTURAL DIMENSIONS PROVIDED ARE INDICATIVE AND MAY BE SUBJECT TO CHANGE.

KEY

----- Polystyrene protection membrane

0	20/09/18	APPLICATION ISSUE	VMC	JDH	JFM
Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Mott MacDonald Sweco



Client
highways england

Drawing Status
SHARED

Project Title
A63 (CASTLE STREET IMPROVEMENT, HULL)

Drawing Title
STRUCTURES DETAILS
REGULATIONS 5(2)(o) & 6(2)
(PRINCES QUAY BRIDGE)
SHEET 4 OF 4

Scale	Designed	Drawn	Checked	Approved
AS SHOWN	YB	VMC	JDH	JFM
Original Size	Date	Date	Date	Date
A1	20/09/18	20/09/18	20/09/18	20/09/18
Drawing Number	TR010016/APP/2.6(S)			Revision
				0