

A12 Chelmsford to A120 widening scheme

TR010060

2.12 STRUCTURES ENGINEERING DRAWINGS AND SECTIONS PART 2

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

Planning Act 2008

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

Volume 2

November 2023

Infrastructure Planning

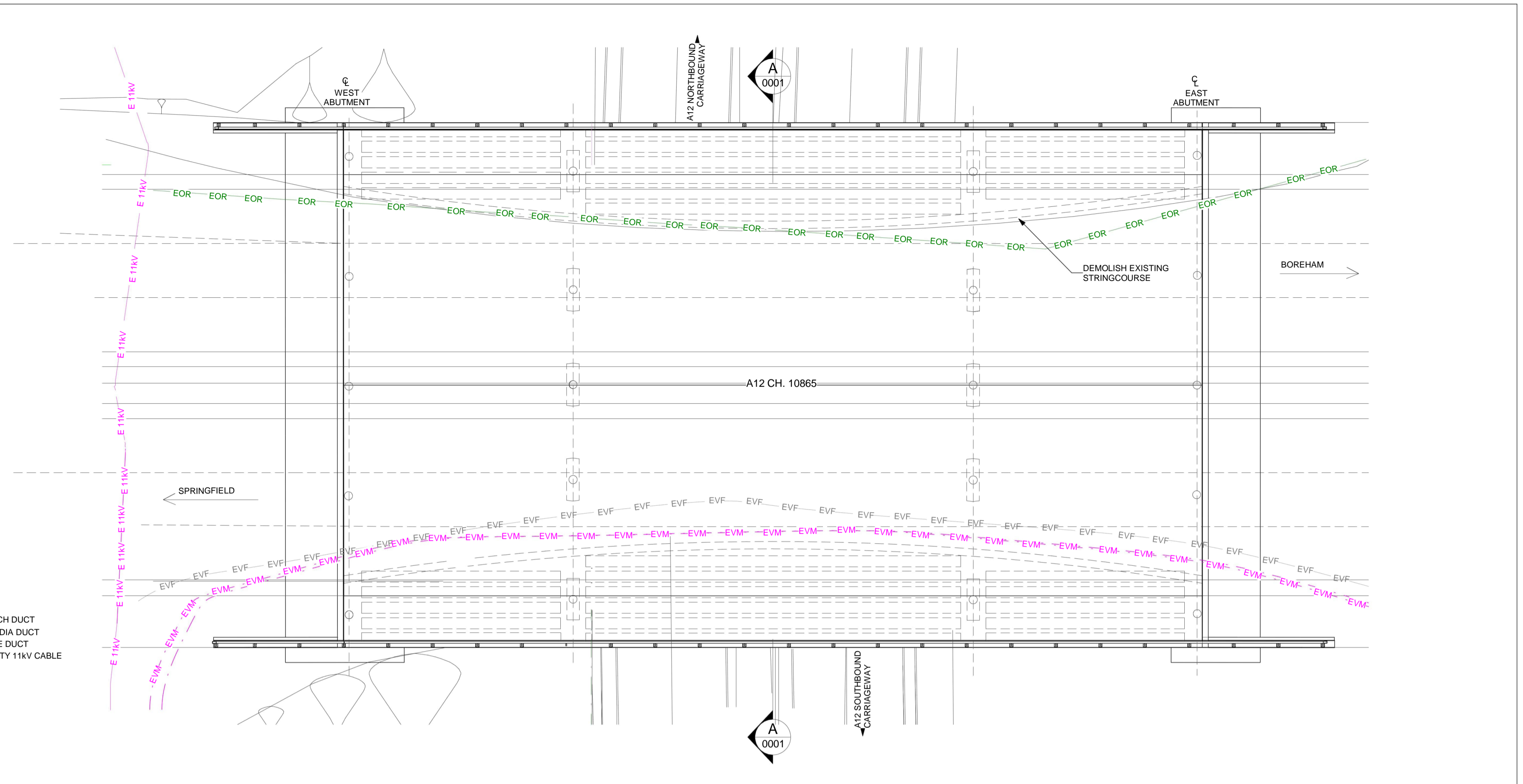
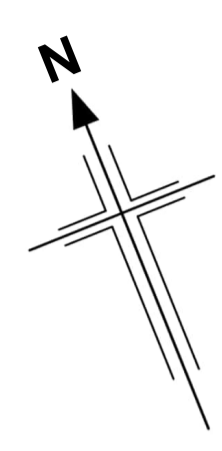
Planning Act 2008

A12 Chelmsford to A120 widening scheme Development Consent Order 202[]

STRUCTURES ENGINEERING DRAWINGS AND SECTIONS PART 2

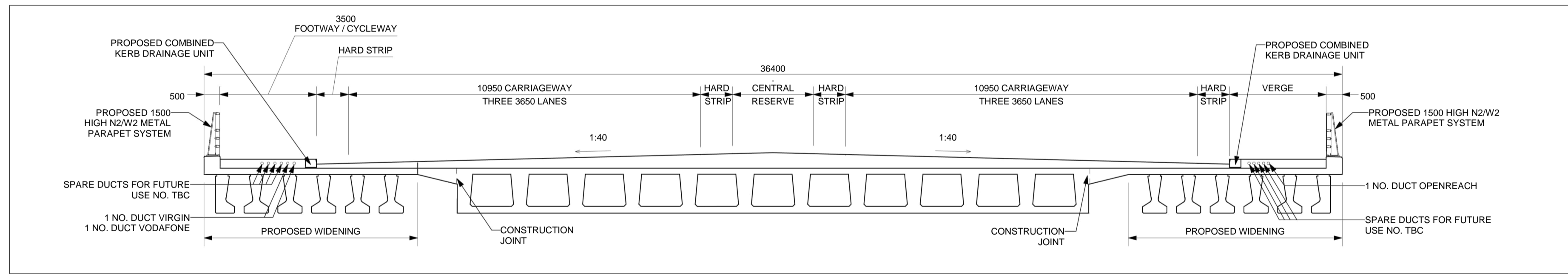
Regulation Reference	Regulation 5(2)(o), 5(2)(p) and 6(2)
Planning Inspectorate Scheme Reference	TR010060
Application Document Reference	TR010060/APP/2.12
Author	A12 Project Team, National Highways

Version	Date	Status of Version
P03	November 2023	DCO Change

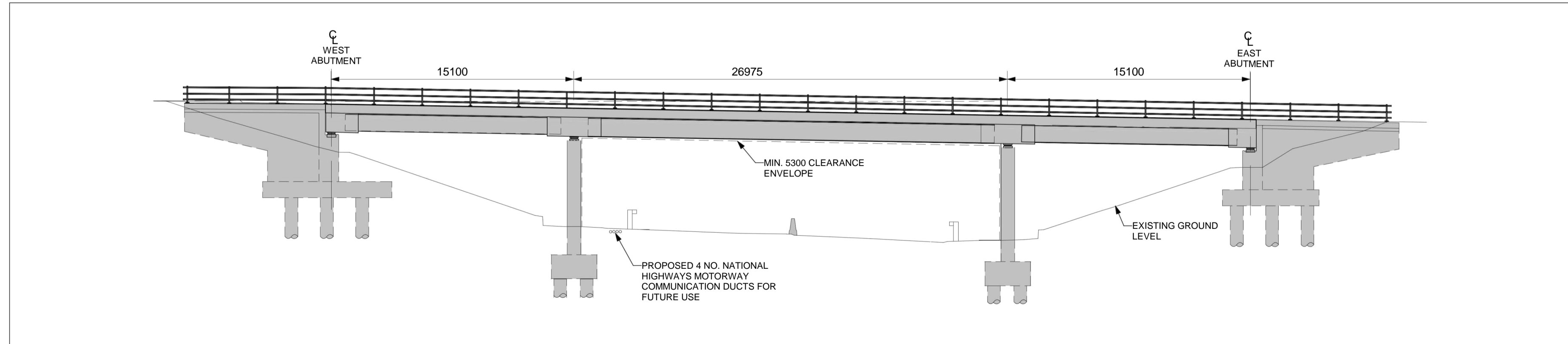


- EOR — EXISTING OPENREACH DUCT
- EVM — EXISTING VIRGIN MEDIA DUCT
- EVF — EXISTING VODAFONE DUCT
- E 11KV — EXISTING ELECTRICITY 11KV CABLE

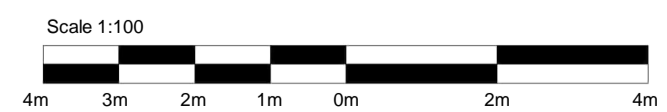
PLAN VIEW
(SCALE 1 : 200)



SECTION A-A
(SCALE 1 : 100)

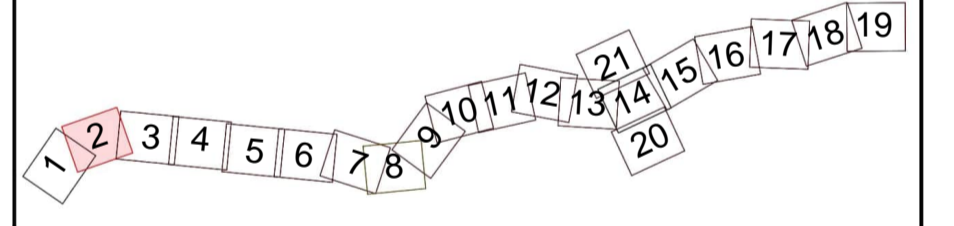


SOUTH ELEVATION
(SCALE 1 : 200)



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
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KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



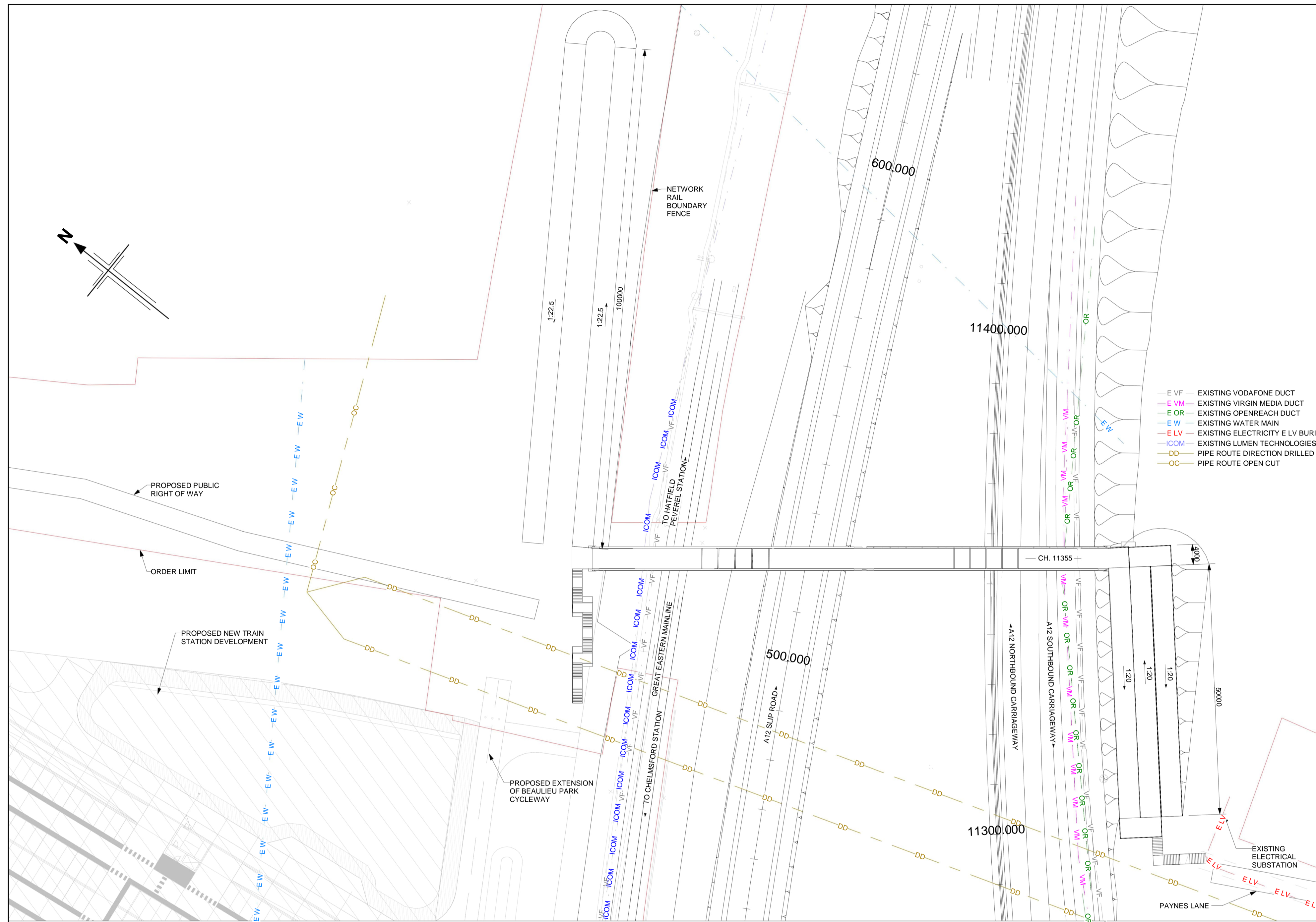
Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
BOREHAM OVERBRIDGE - WORK No. 1(b) - CH. 10865
(EXISTING STRUCTURE - PHYSICAL WIDENING)
SHEET 1 OF 30**

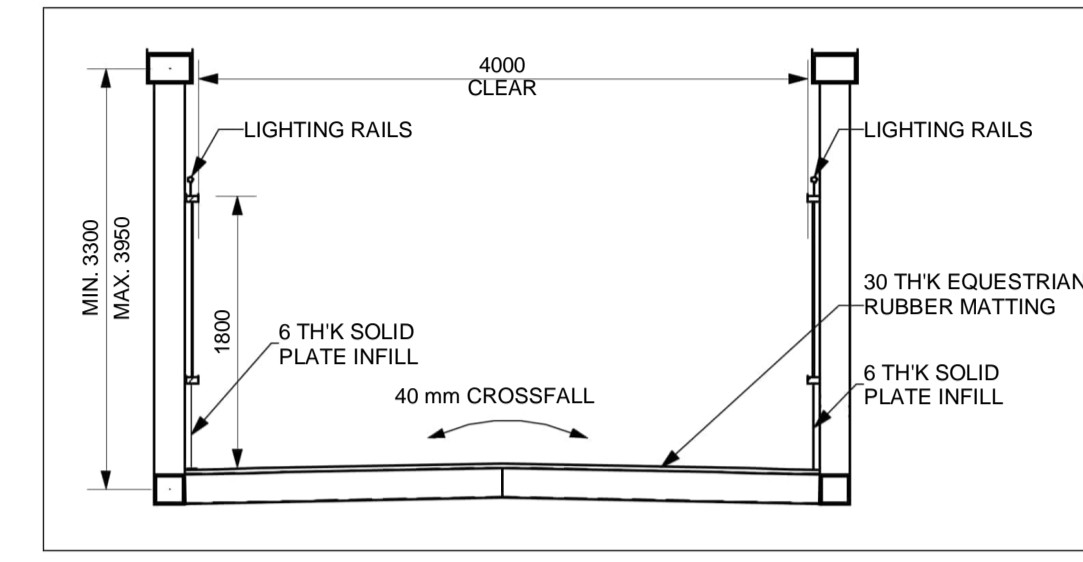
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0001

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PLAN
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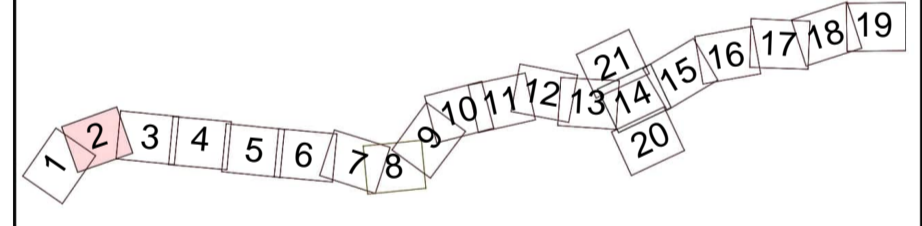


SECTION A-A
(SCALE 1 : 50)

- E VF - EXISTING VODAFONE DUCT
- E VM - EXISTING VIRGIN MEDIA DUCT
- E OR - EXISTING OPENREACH DUCT
- E W - EXISTING WATER MAIN
- E LV - EXISTING ELECTRICITY E LV BURIED
- ICOM - EXISTING LUMEN TECHNOLOGIES
- DD - PIPE ROUTE DIRECTION DRILLED
- OC - PIPE ROUTE OPEN CUT

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KEY PLAN
SCALE N.T.S.



P02	04/05/2023	DCO CHANGE	DC	DP	DP	RM
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

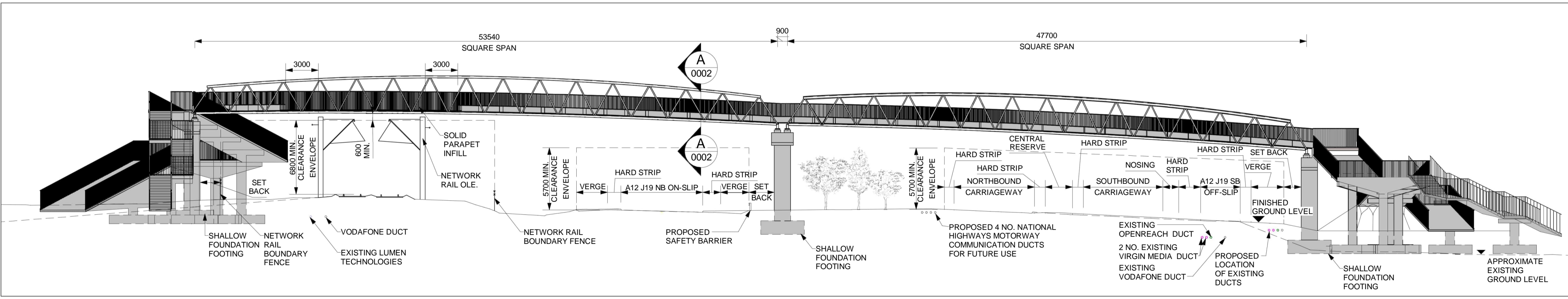
Development Consent Order Number: TR010060
Development Consent Order/Draw Number: TR010060/APP/2.13



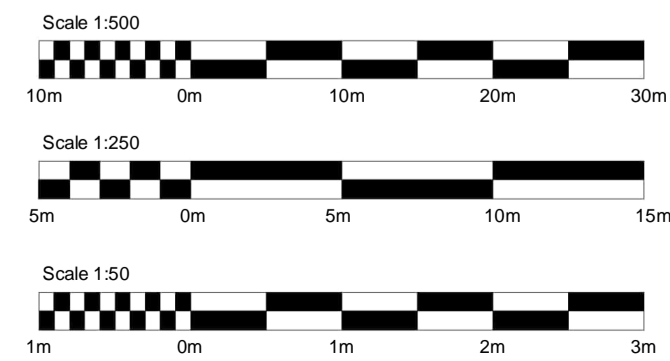
Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
PAYNES LANE BRIDGE - WORK No. 5 - CH. 11355
(PROPOSED STRUCTURE)
SHEET 2 OF 30**

Regulation	REGULATION 8(1)(k)
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF4
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Rev	P02
Drawing number	HE551497
Originator	JAC
Volume	LDC
Location	SCHW
Type	DR
Role	S
Number	0002

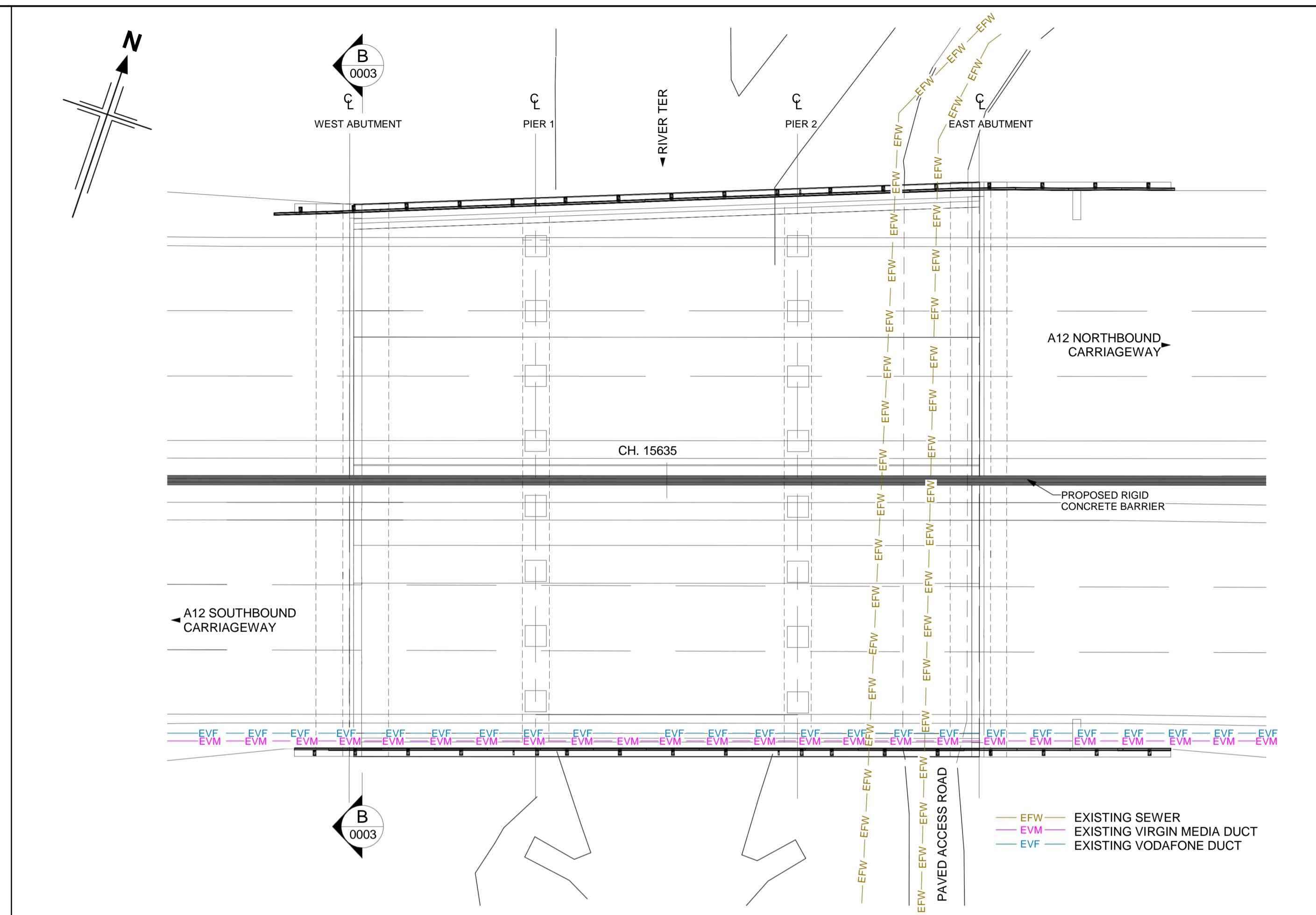


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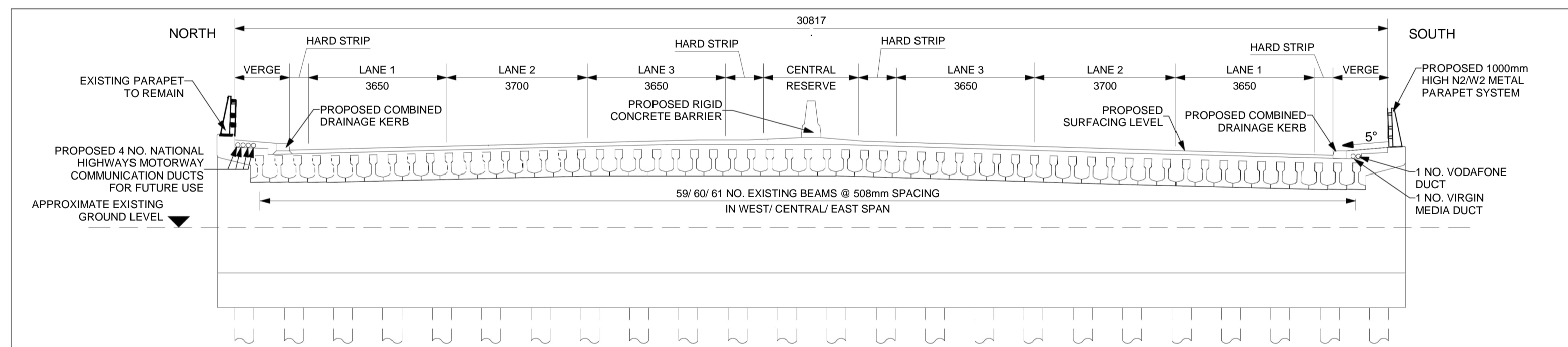


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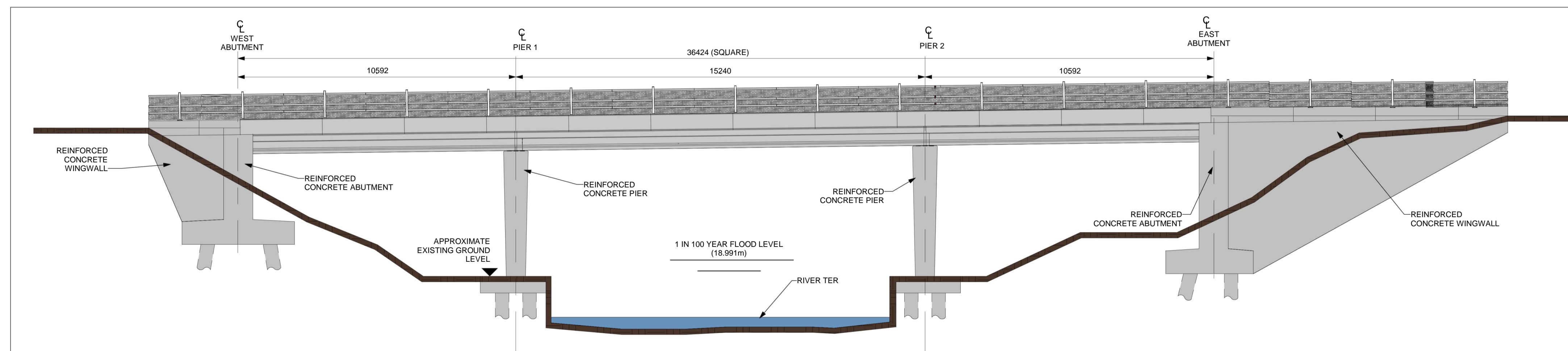
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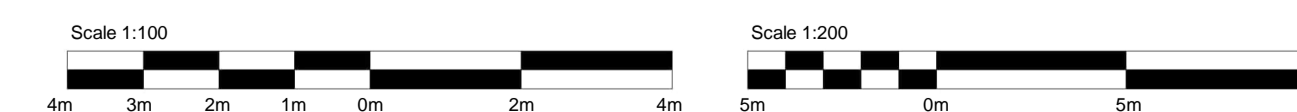
PLAN
(SCALE 1 : 200)



SECTION B-B
(SCALE 1 : 100)

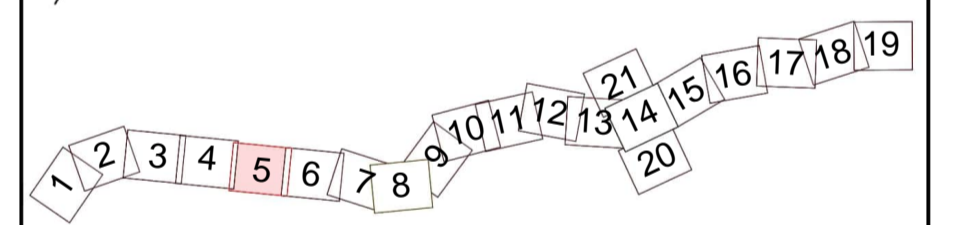


SOUTH ELEVATION
(SCALE 1 : 100)



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KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12

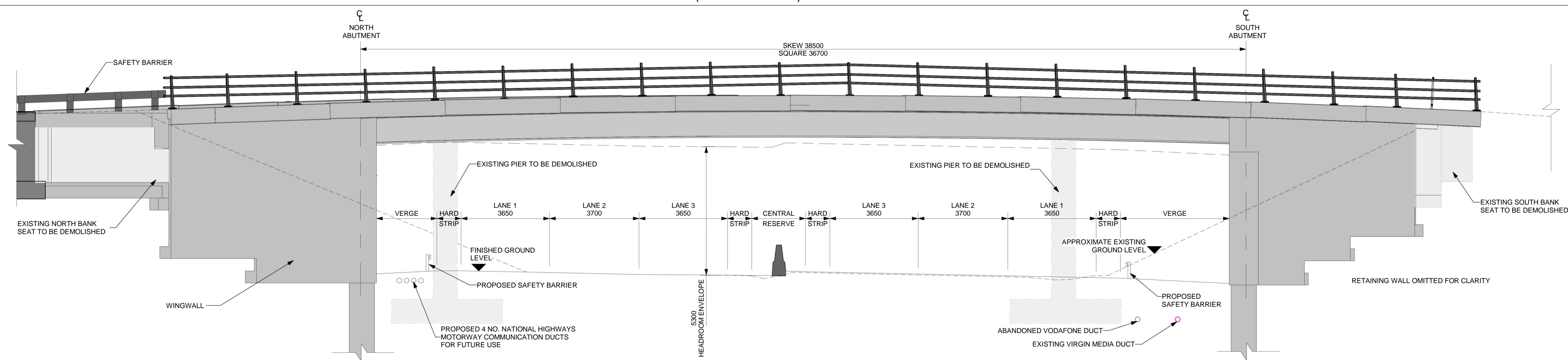
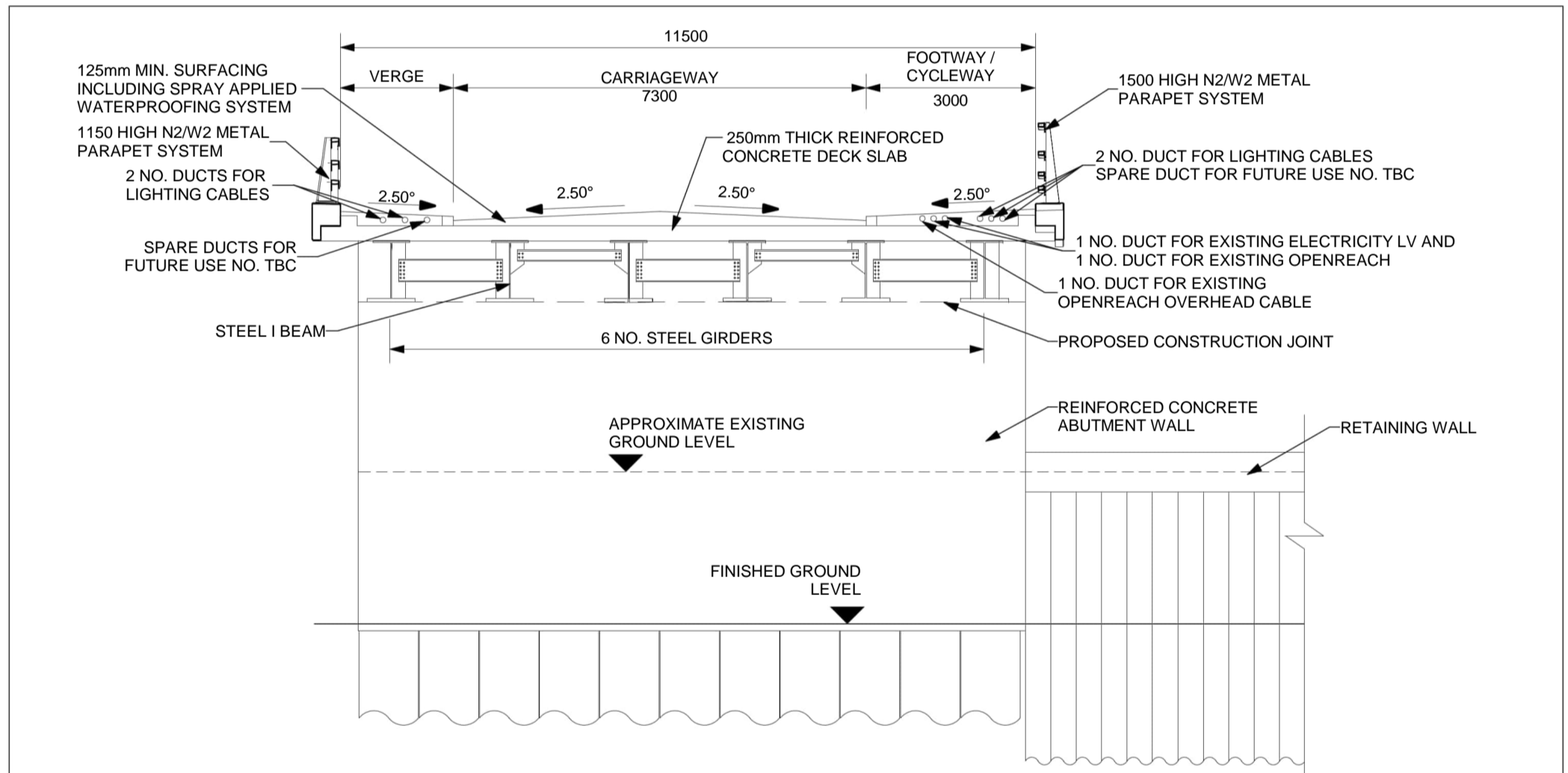
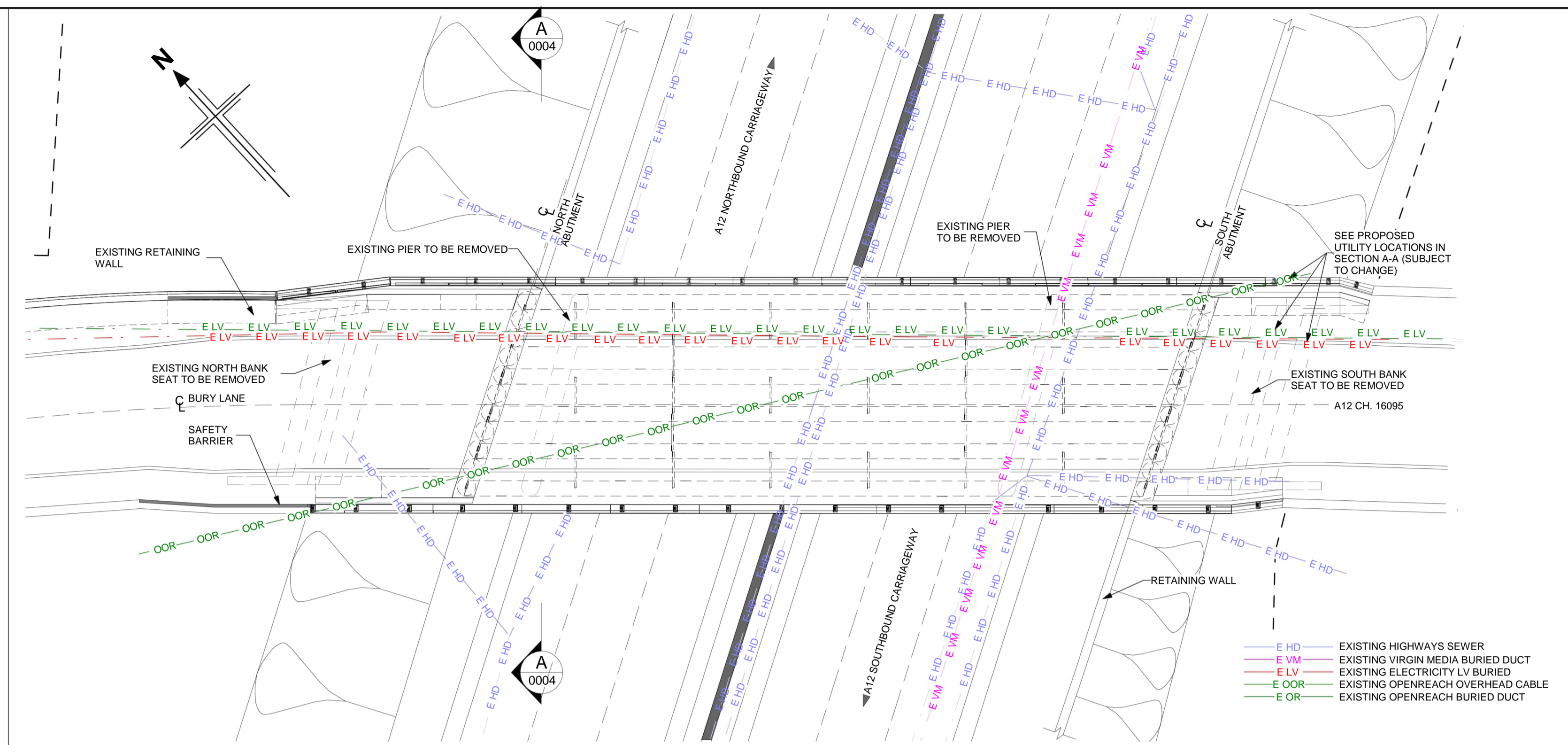


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

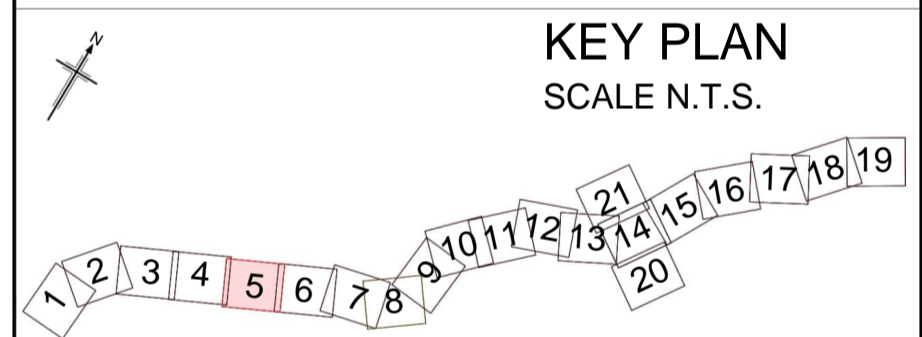
Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
RIVER TER UNDERBRIDGE - WORK No. 12(a) - CH. 15635
(EXISTING STRUCTURE - NON-PHYSICAL WIDENING)
SHEET 3 OF 30**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0003



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P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.12

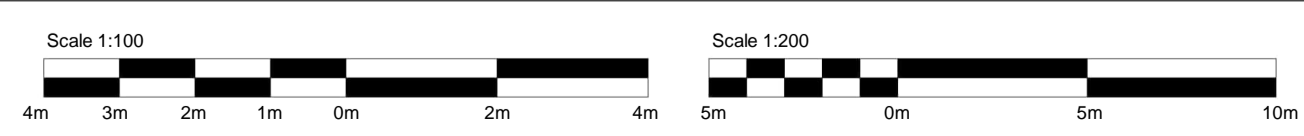


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
BURY LANE OVERBRIDGE REPLACEMENT - WORK No. 9
- CH. 16095
(PROPOSED STRUCTURE)
SHEET 4 OF 30**

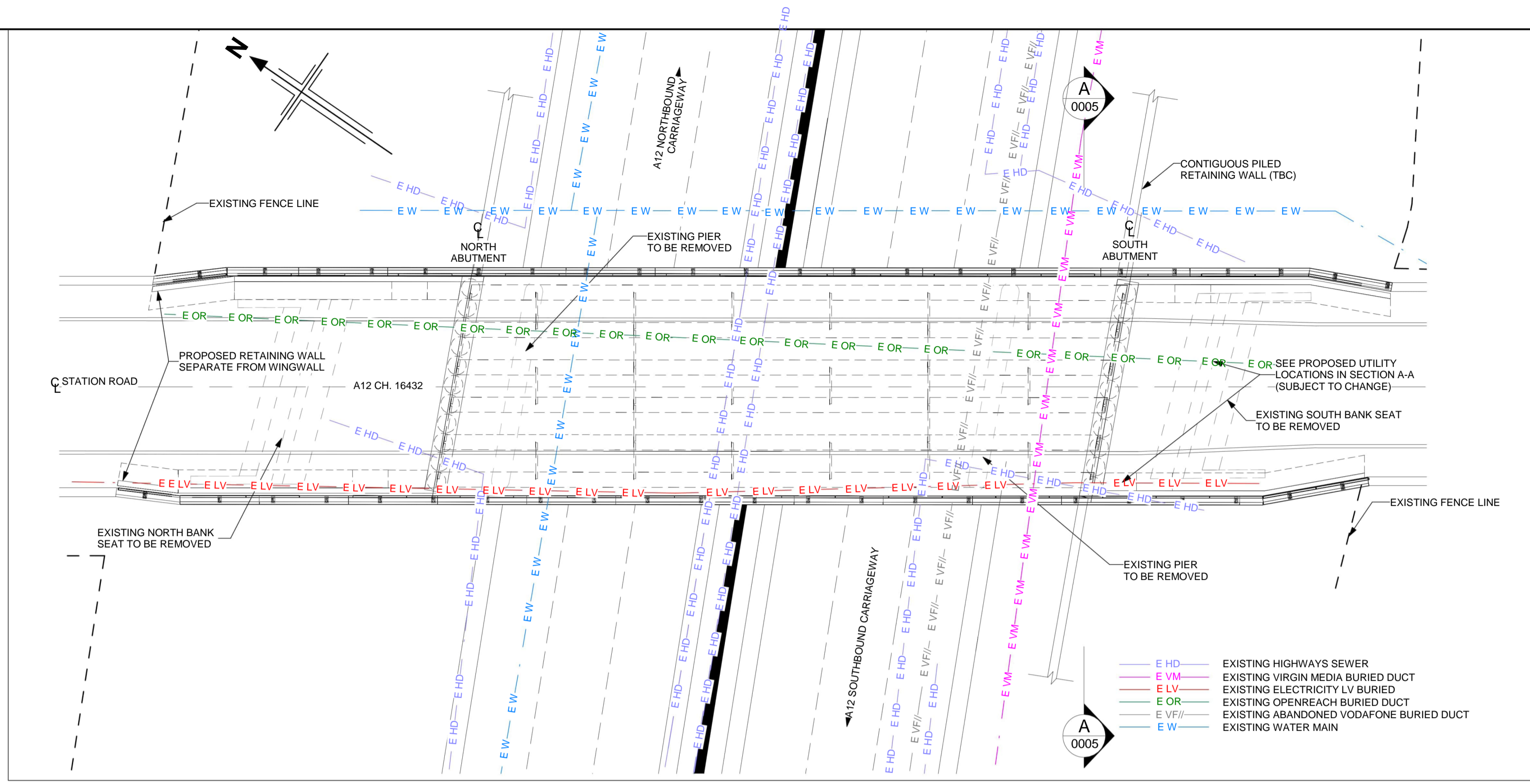
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	Drawing status
Project Stage	PCF3	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev
Jacobs No.	B36601D1	P01
Client no.	HE551497	

Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	Type	Role
SCHW	DR	S
		Number
		0004

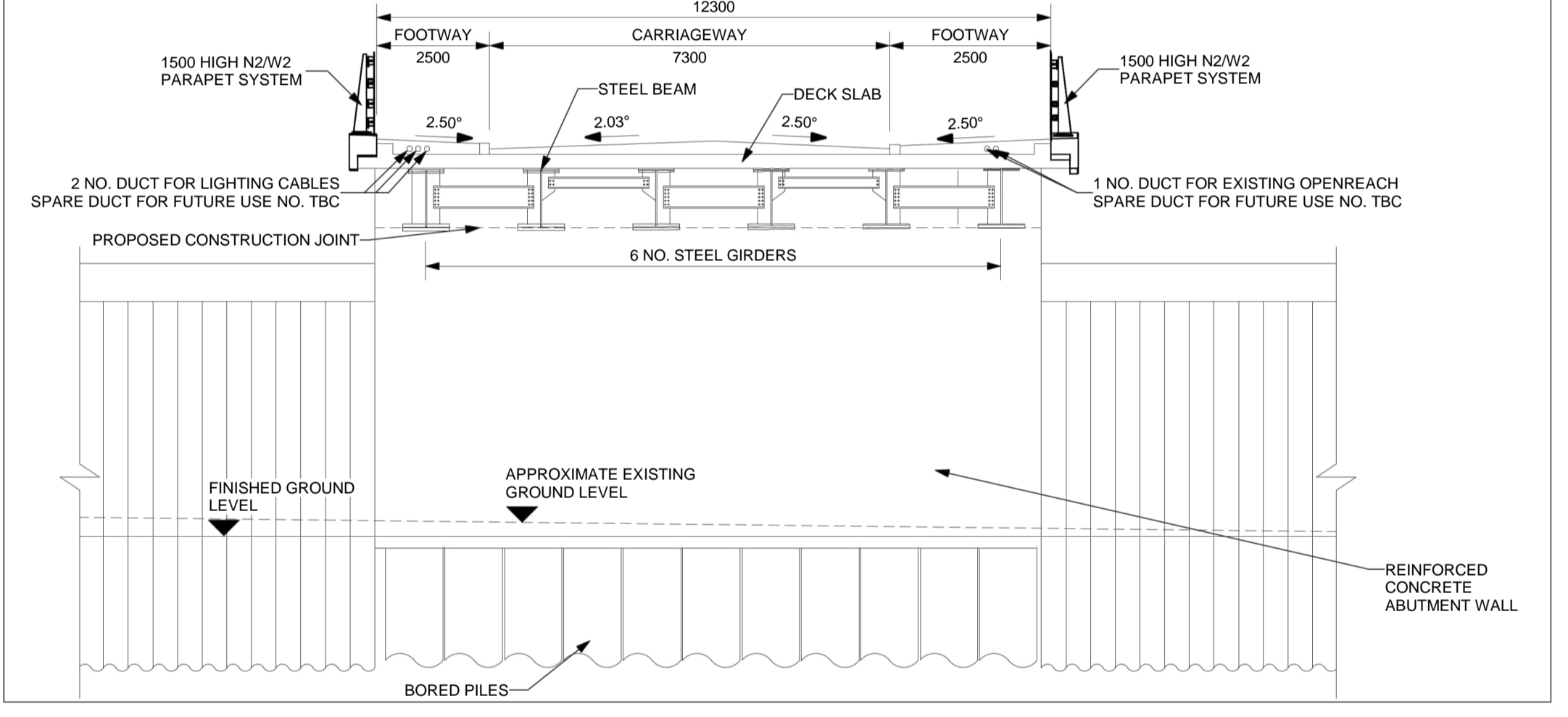


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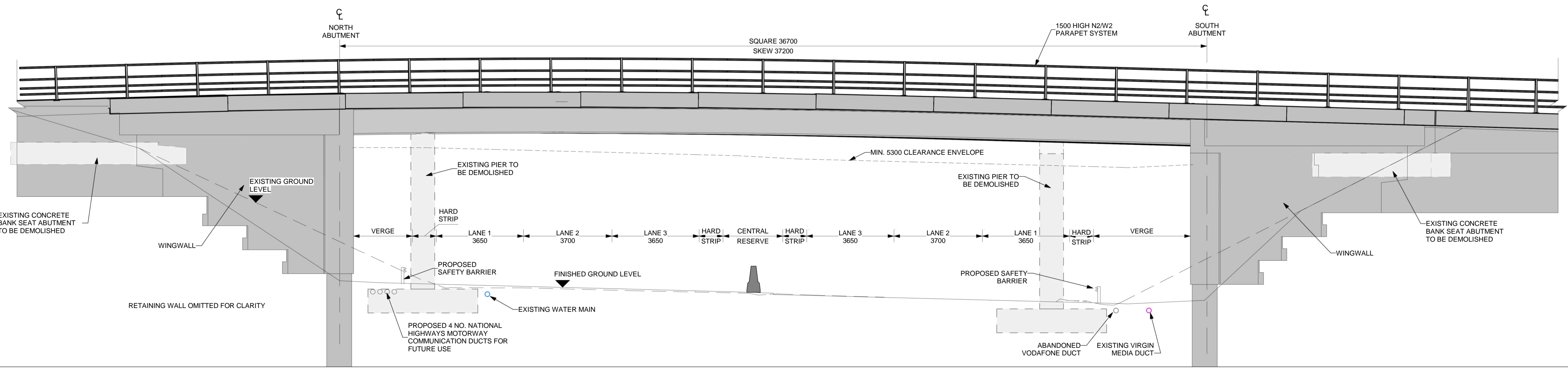
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PLAN
(SCALE 1 : 200)



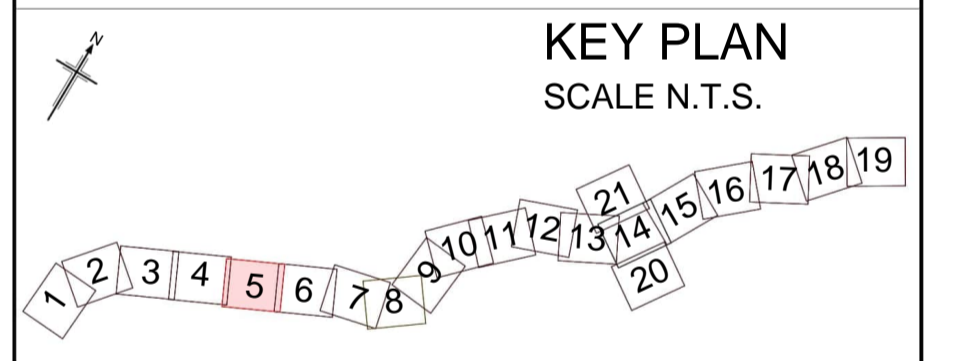
SECTION A-A
(SCALE 1 : 100)



WEST ELEVATION
(SCALE 1 : 100)



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Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number:	TR010060	Development Consent Order Drawing Number:	TR010060/APP/2.12
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Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

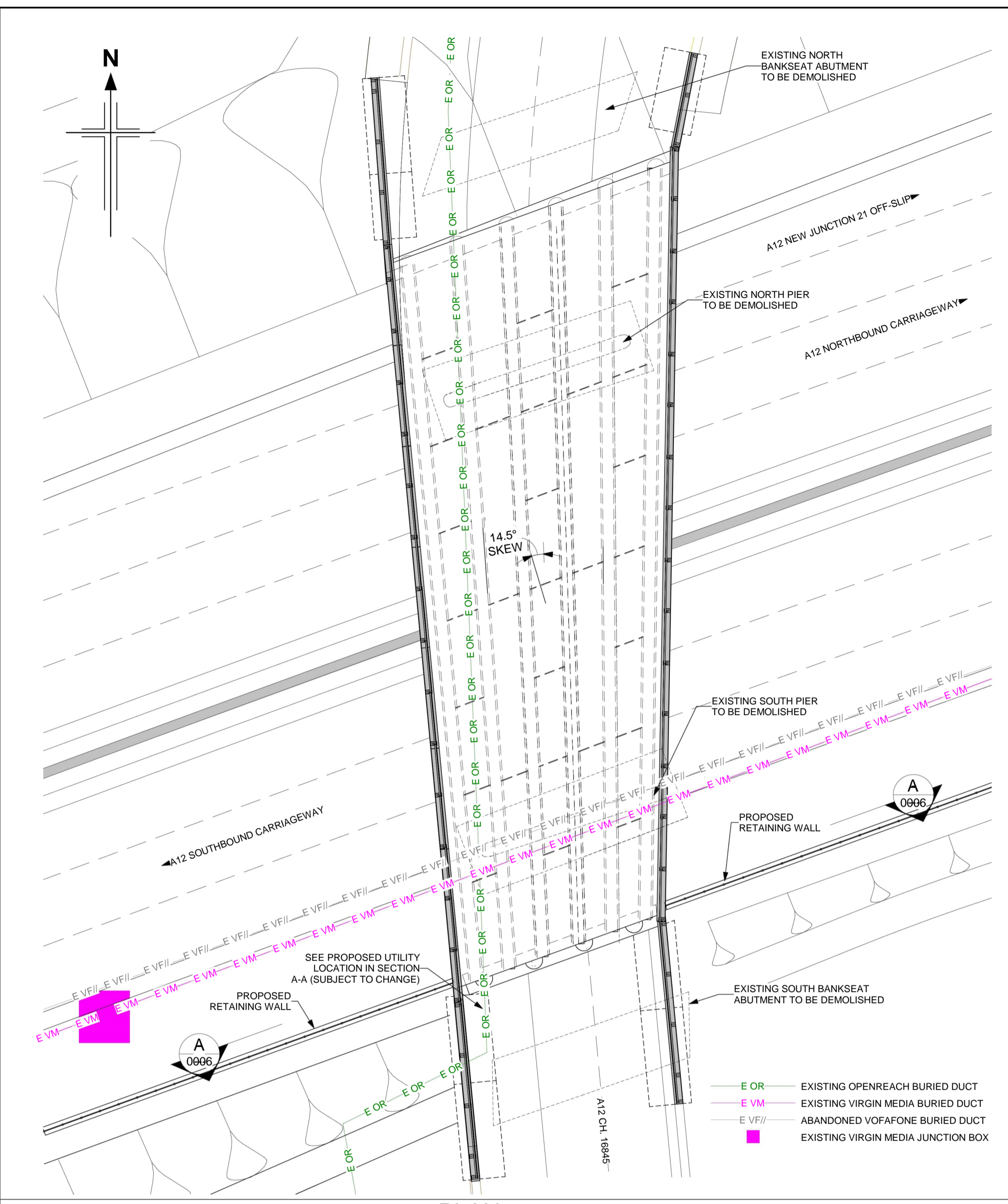
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
STATION ROAD OVERBRIDGE REPLACEMENT - WORK No. 10 - CH. 16432 (PROPOSED STRUCTURE)
SHEET 5 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
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Client no.	HE551497		

Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	SCHW	DR S 0005

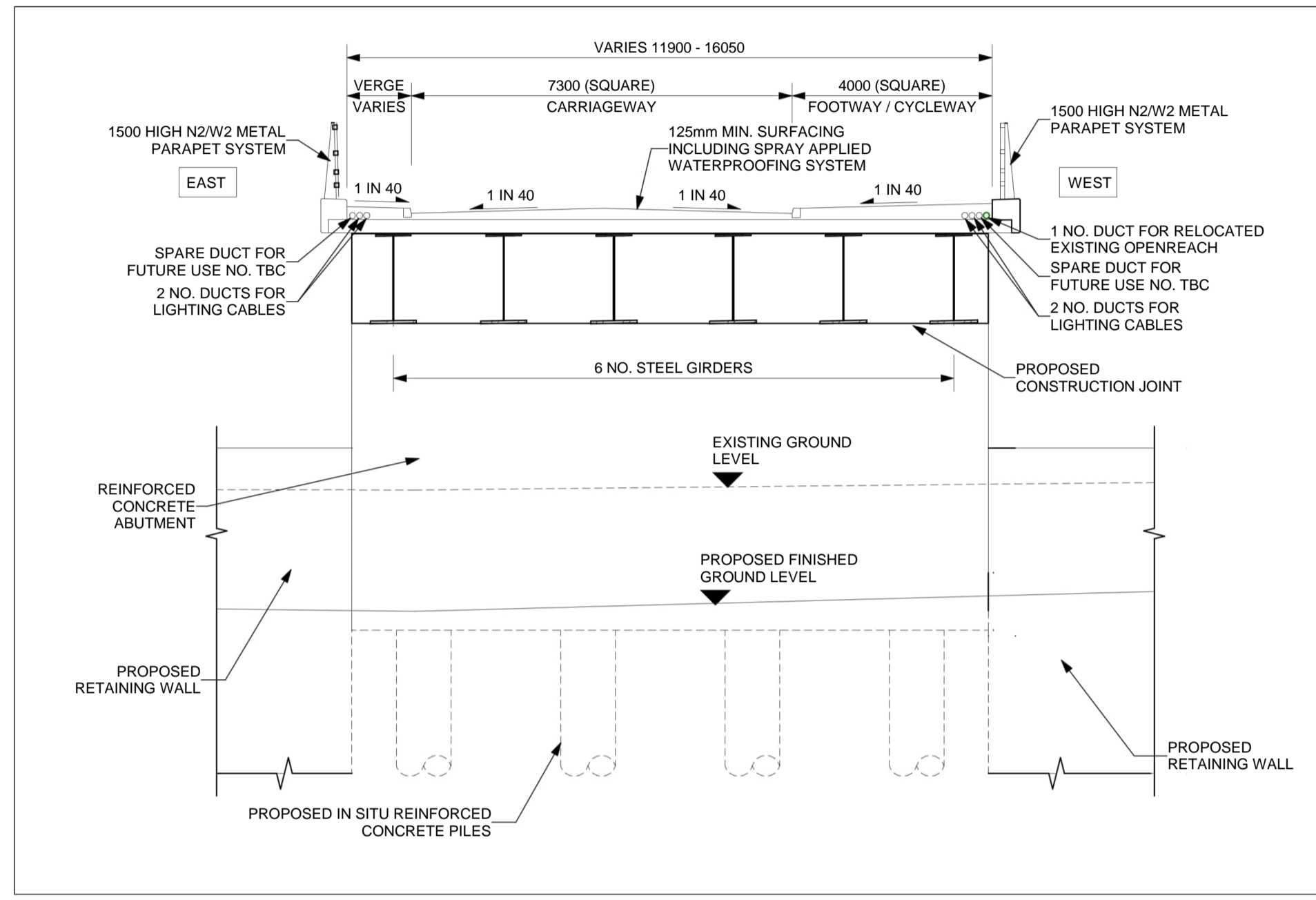
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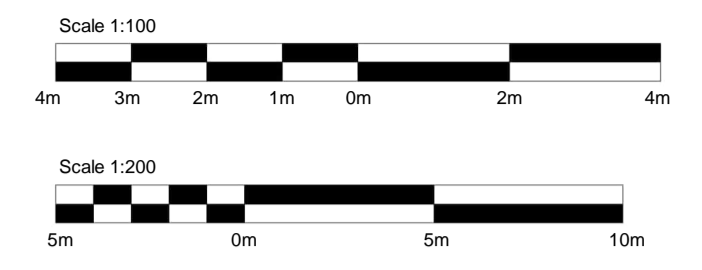


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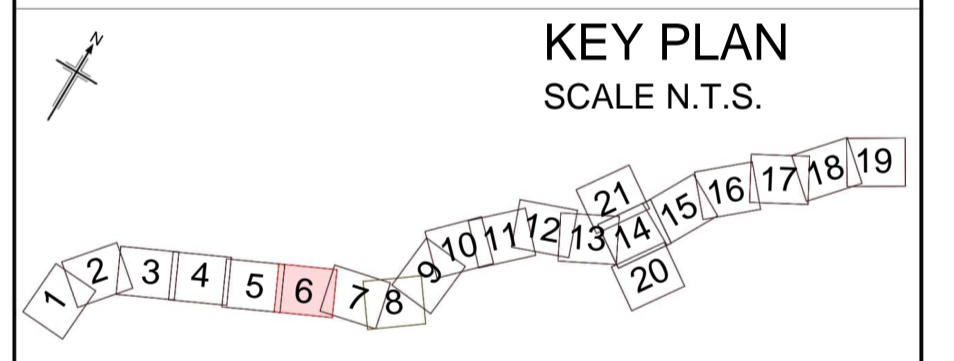
- E OR EXISTING OPENREACH BURIED DUCT
- E VM EXISTING VIRGIN MEDIA BURIED DUCT
- E VFII ABANDONED VODAFONE BURIED DUCT
- EXISTING VIRGIN MEDIA JUNCTION BOX



SECTION A-A
(SCALE 1 : 100)



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P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12

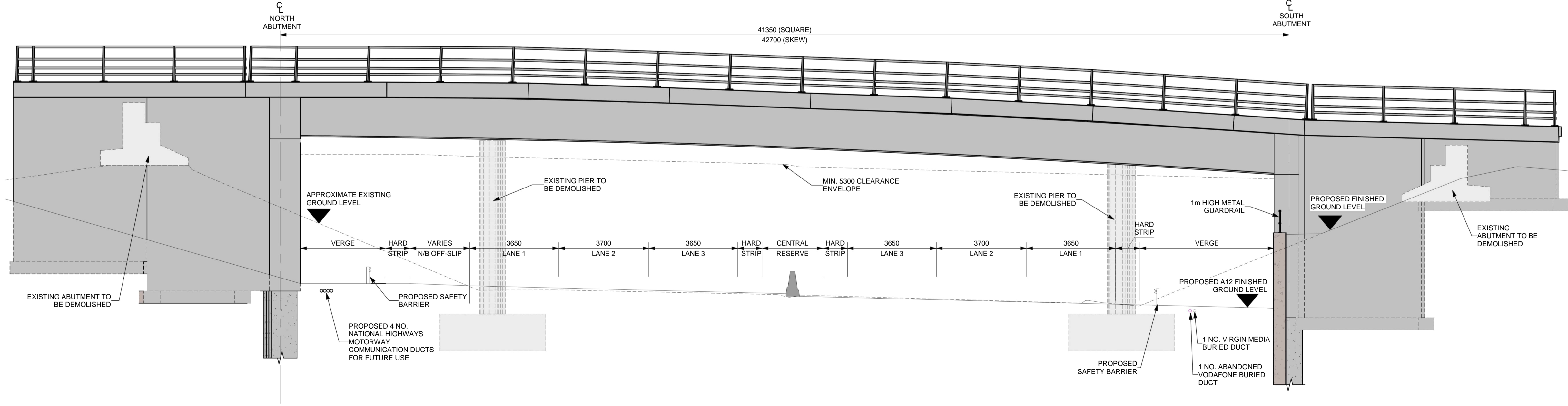


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
WELLINGTON ROAD BRIDGE REPLACEMENT - WORK No. 18(b) - CH. 16845
(PROPOSED STRUCTURE)
SHEET 6 OF 30**

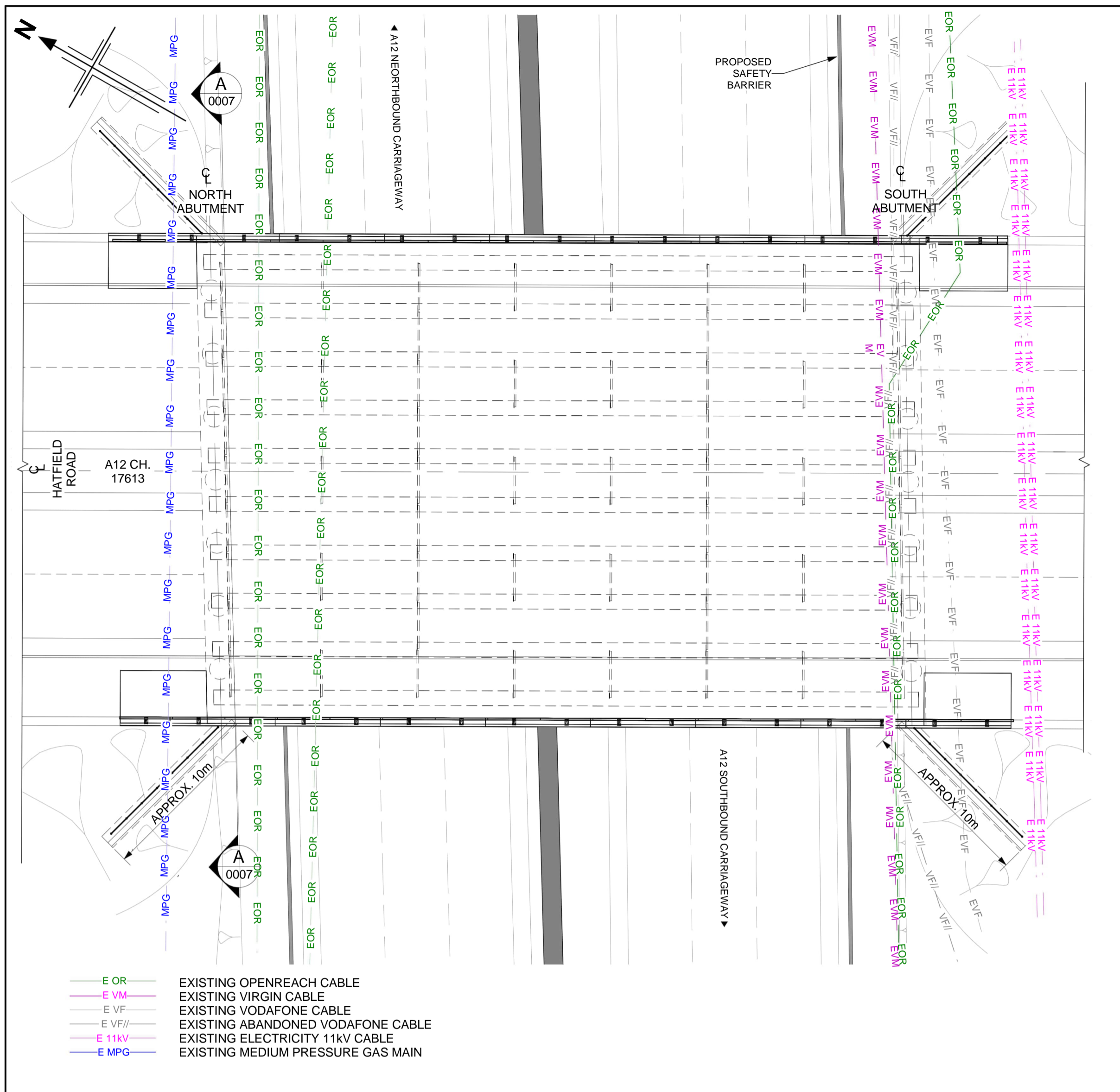
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	DR
		Role	S
		Number	0006

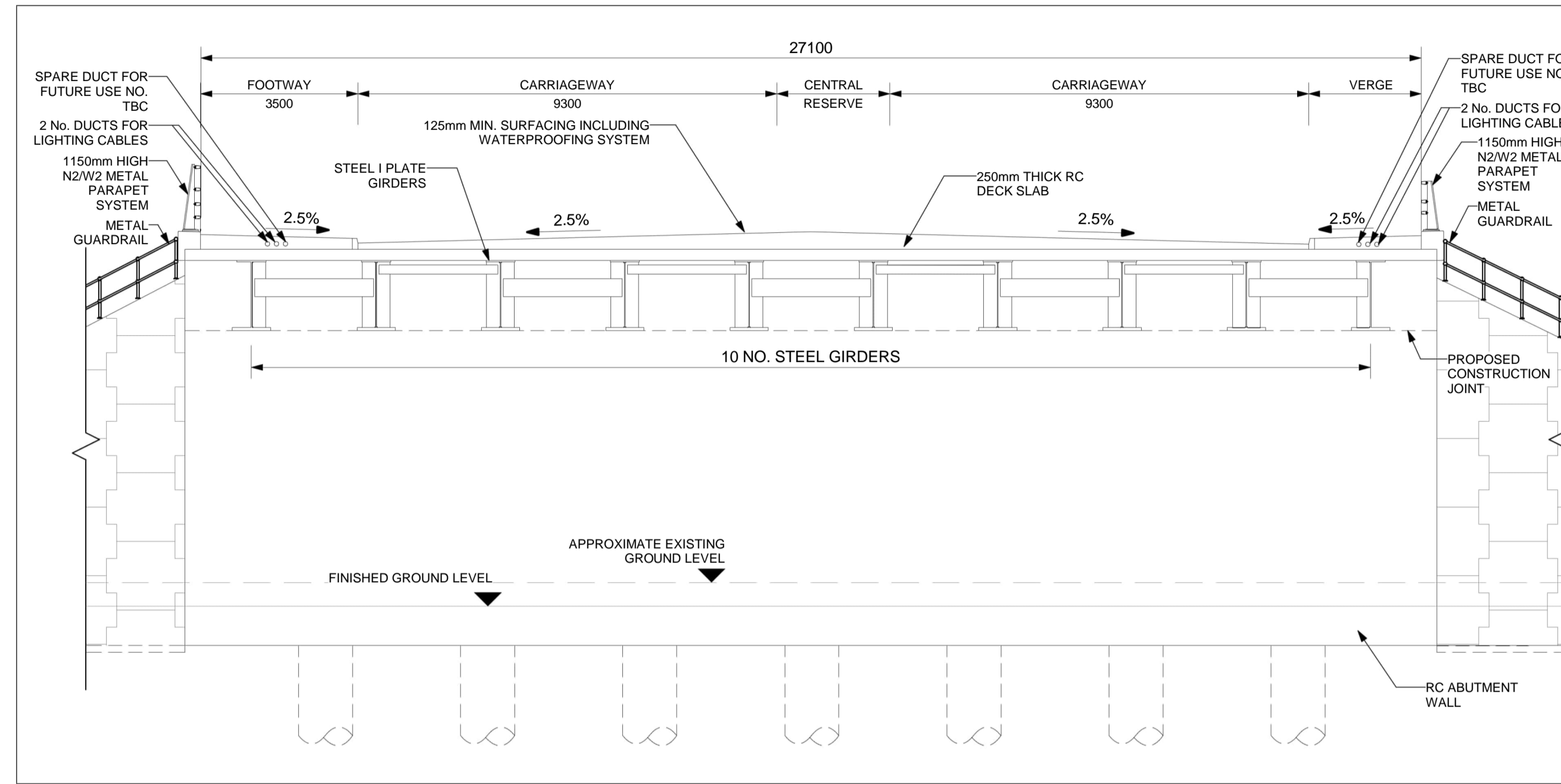


WEST ELEVATION
(SCALE 1 : 100)

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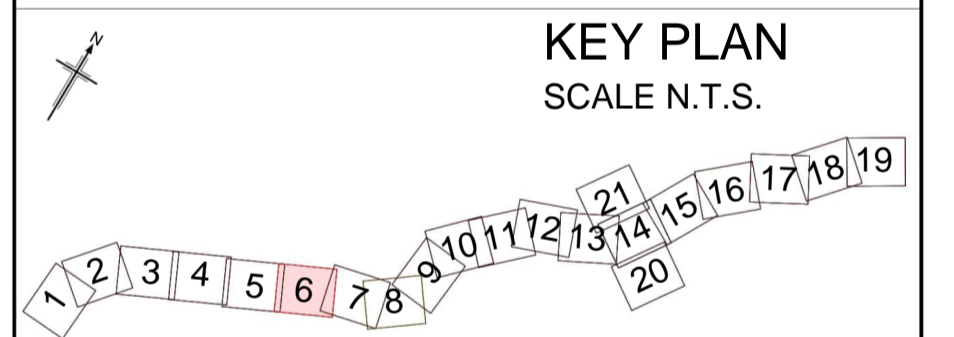


PLAN
(SCALE 1 : 200)



SECTION A-A
(SCALE 1 : 100)

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P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
 Development Consent Order Drawing Number: TR010060/APP/2.12

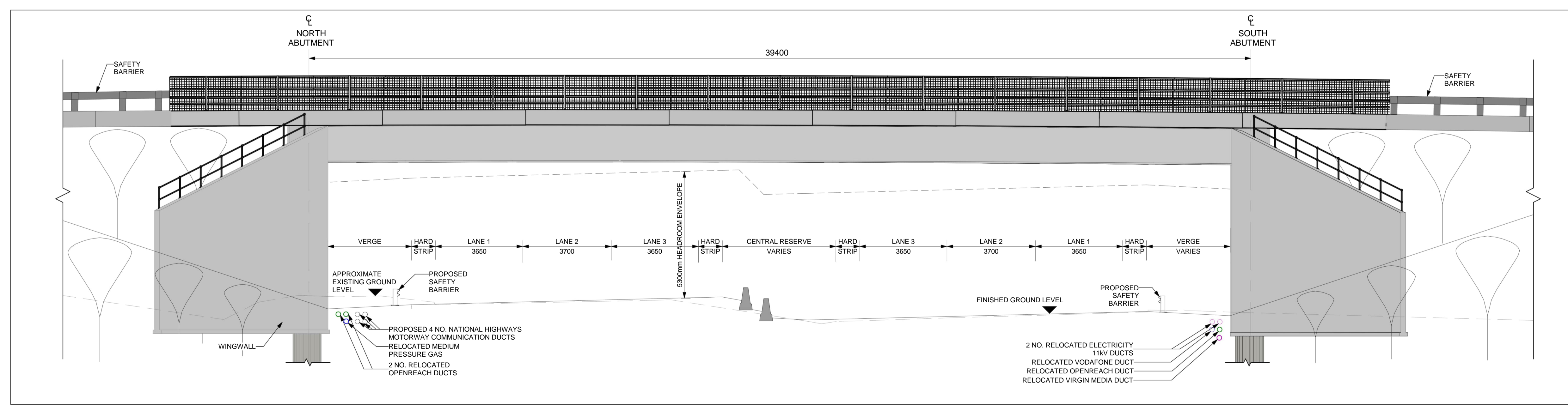


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

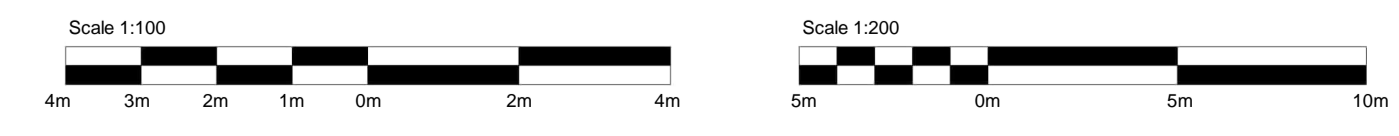
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
HATFIELD ROAD OVERBRIDGE - WORK No. 18(a) - CH. 17613 (PROPOSED STRUCTURE)
SHEET 7 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497
 Originator: JAC
 Volume: LDC
 Location: SCHW
 Type: DR
 Role: S
 Number: 0007



WEST ELEVATION
(SCALE 1 : 100)

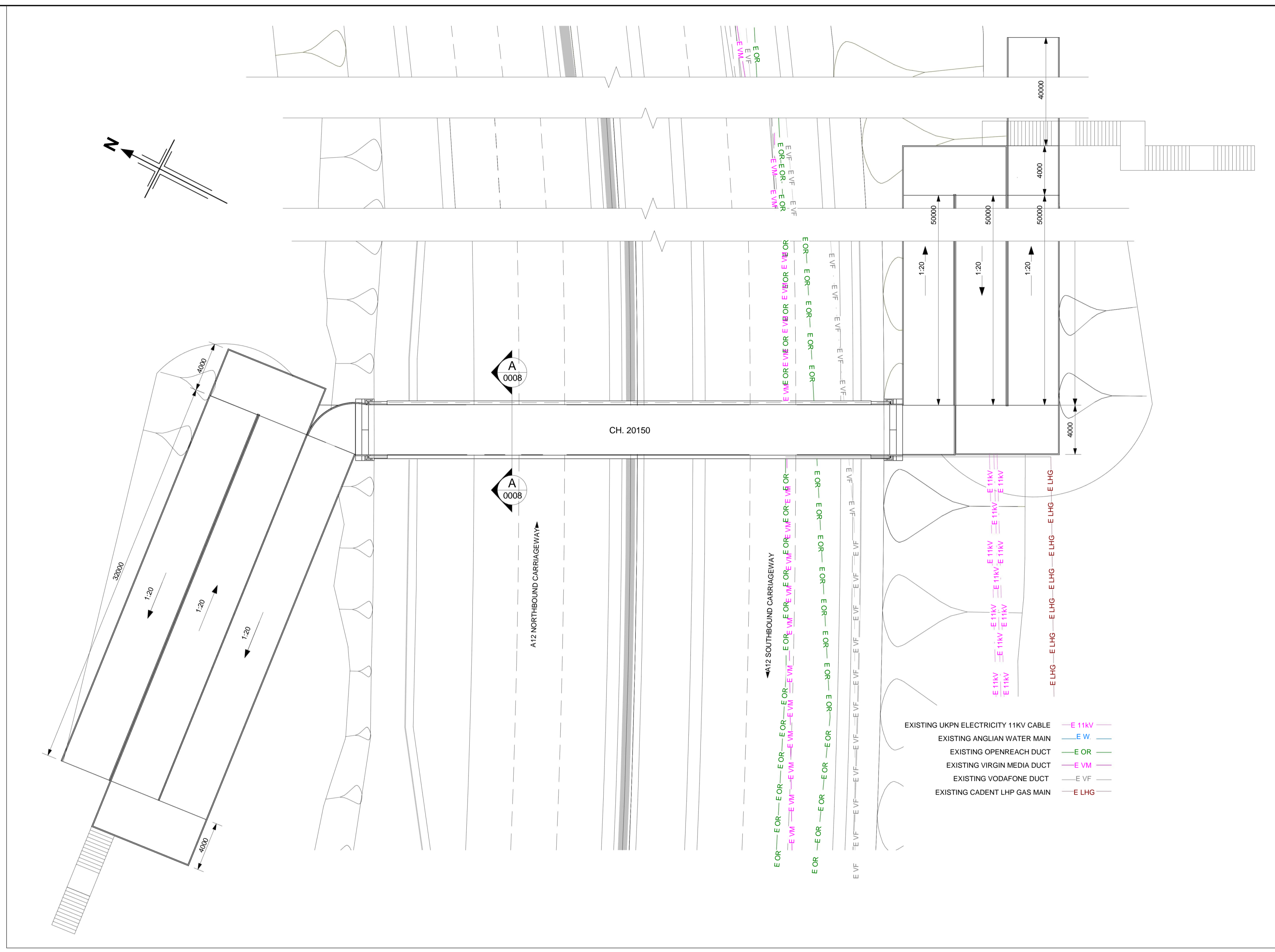


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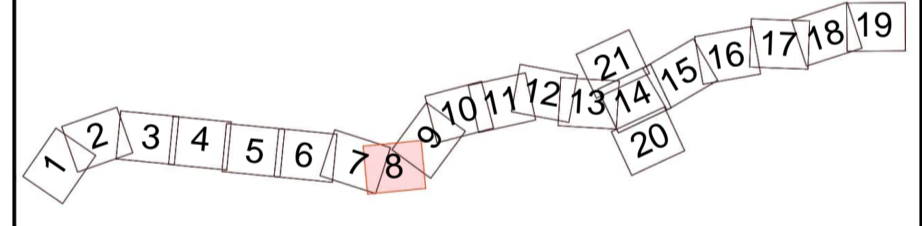
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PLAN
(SCALE 1 : 200)

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KEY PLAN
SCALE N.T.S.



P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number:	TR010060	Development Consent Order Drawing Number:	TR010060/APP/2.12
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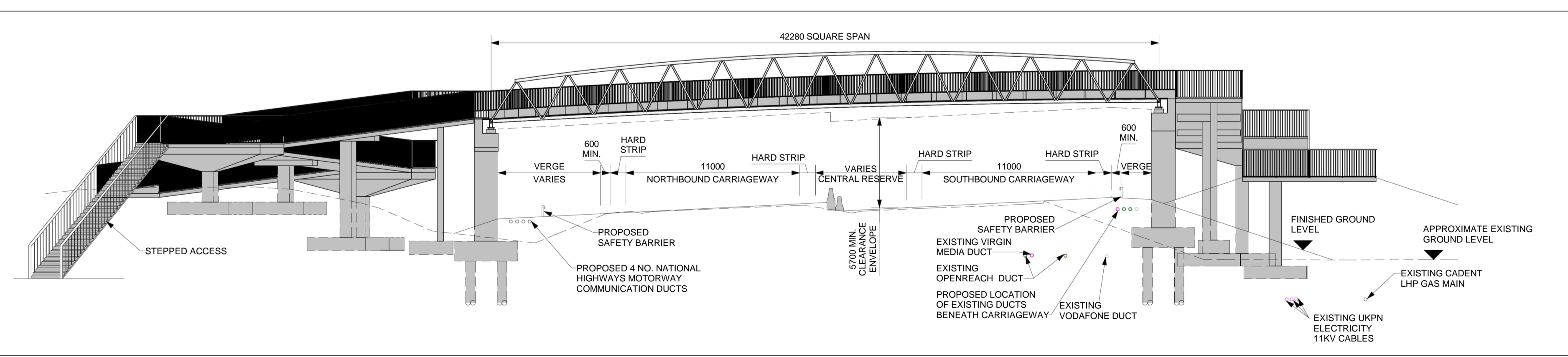


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

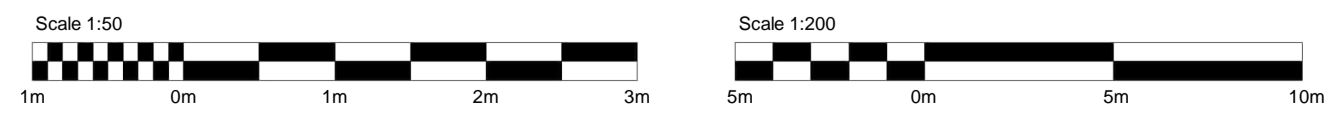
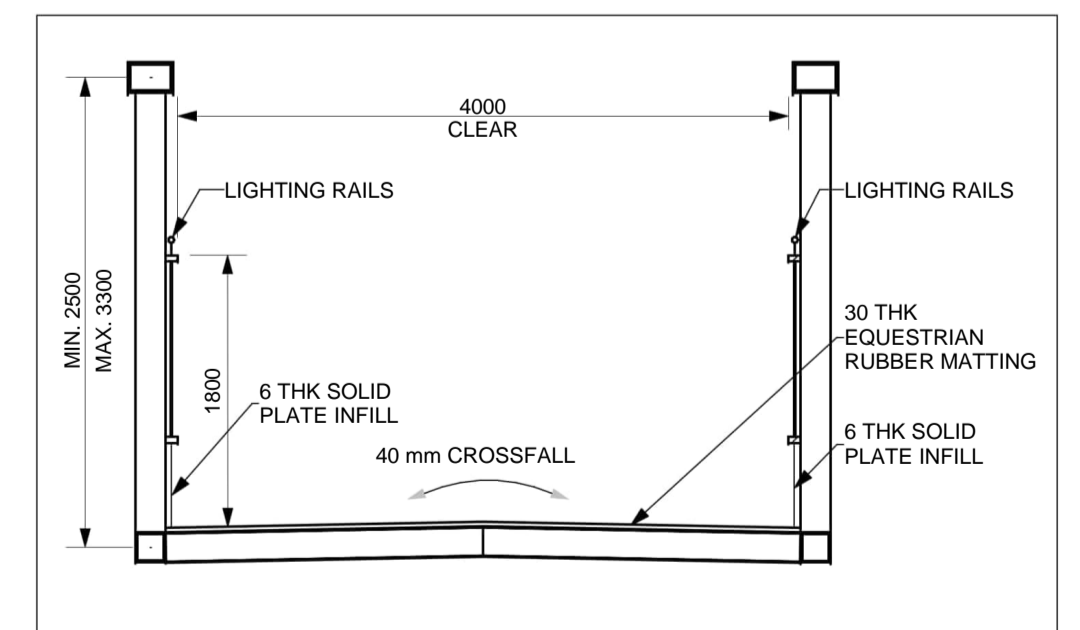
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
GERSHWIN BOULEVARD BRIDGE - WORK No. 27 - CH. 20150 (PROPOSED STRUCTURE)
SHEET 8 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	AS SHOWN	Rev
Scale at A1 (841x594mm)	AS SHOWN	Rev	P01
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497	Rev	P01

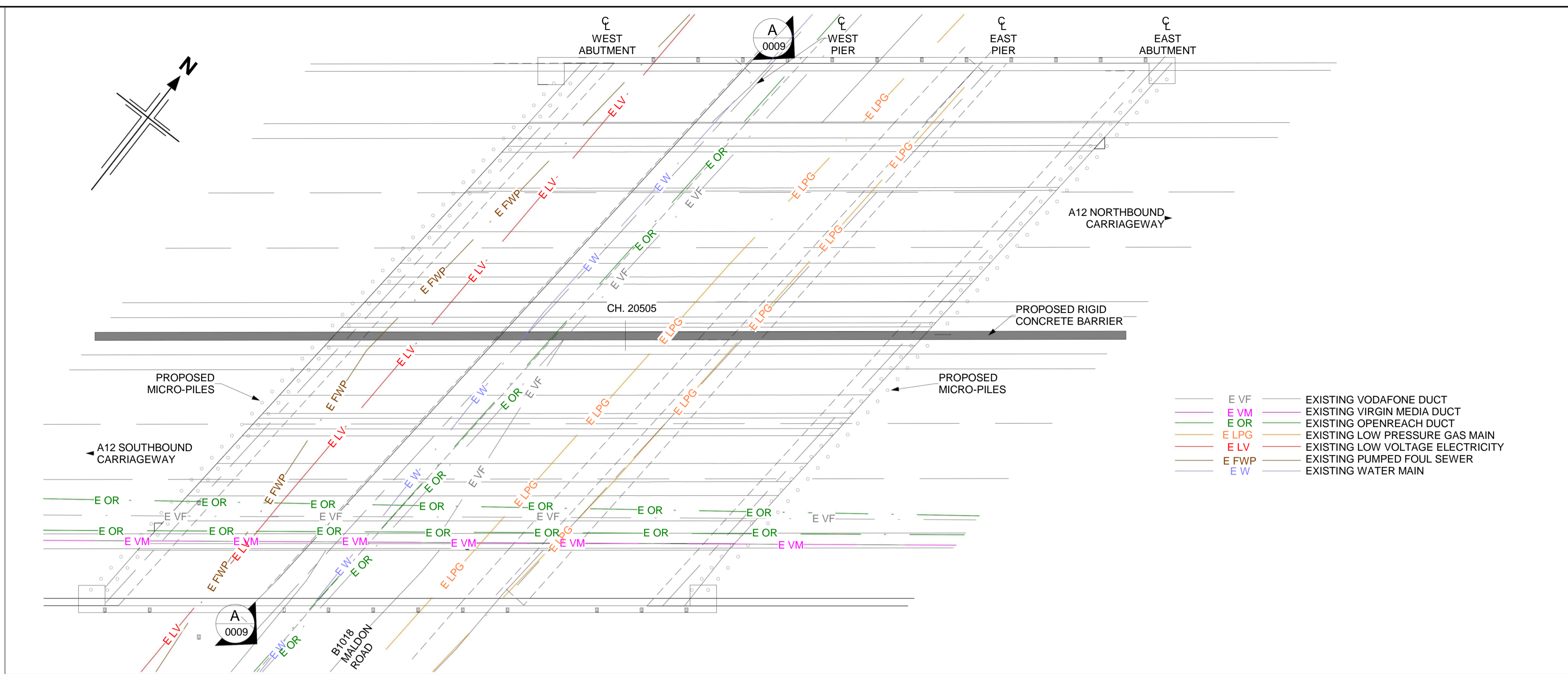
Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	Type	Role
SCHW	DR	S
	Number	0008



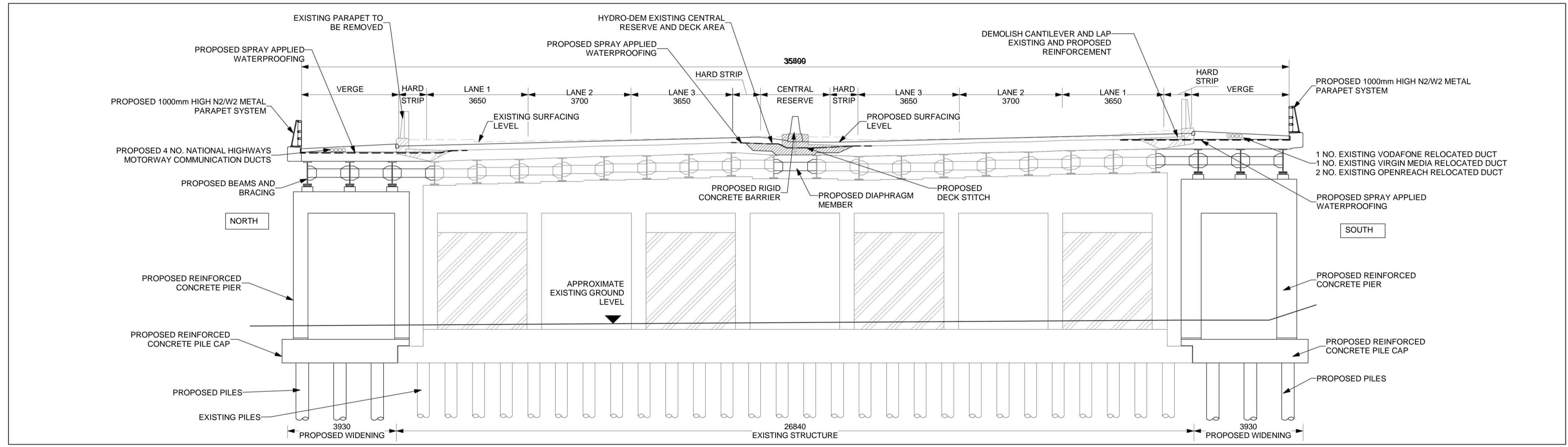
SOUTH ELEVATION
(SCALE 1 : 200)



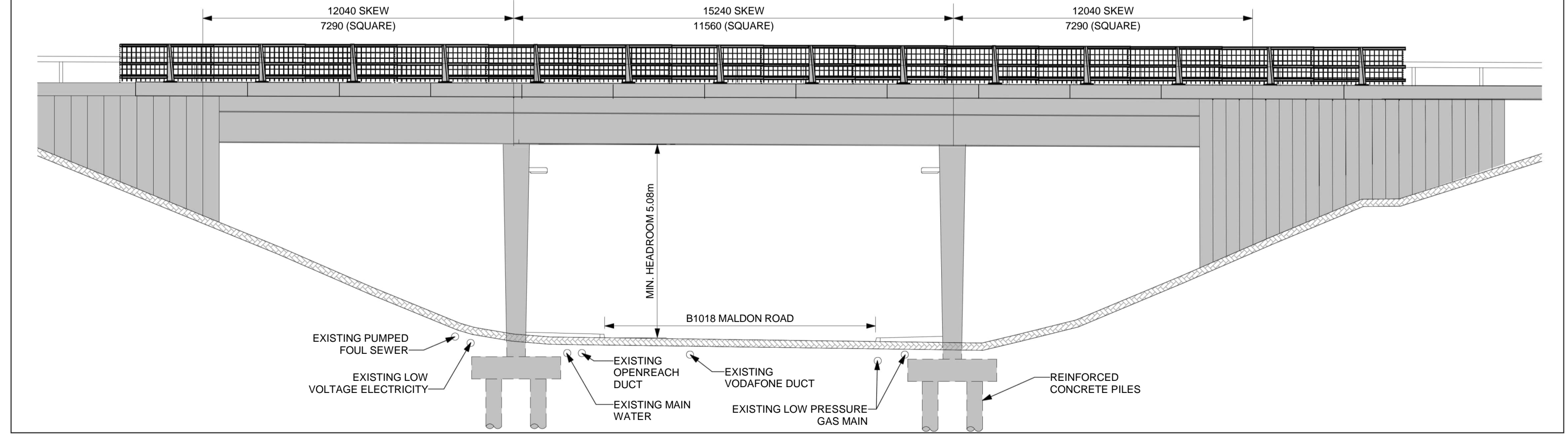
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PLAN
(SCALE 1 : 200)



SECTION A-A
(SCALE 1 : 100)

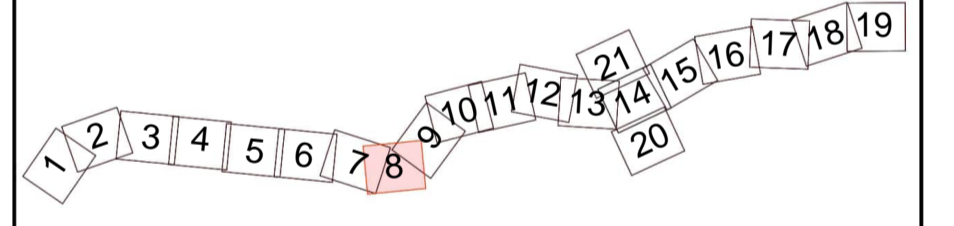


SOUTH ELEVATION
(SCALE 1 : 100)

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).

- E VF EXISTING VODAFONE DUCT
- E VM EXISTING VIRGIN MEDIA DUCT
- E OR EXISTING OPENREACH DUCT
- E LPG EXISTING LOW PRESSURE GAS MAIN
- E LV EXISTING LOW VOLTAGE ELECTRICITY
- E FWP EXISTING PUMPED FOUL SEWER
- E W EXISTING WATER MAIN

KEY PLAN
SCALE N.T.S.



P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12

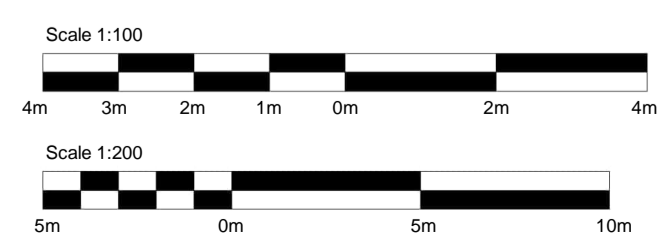


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
OLIVERS UNDERBRIDGE - WORK No. 24(c) - CH. 20505
(EXISTING STRUCTURE - PHYSICAL WIDENING)
SHEET 9 OF 30

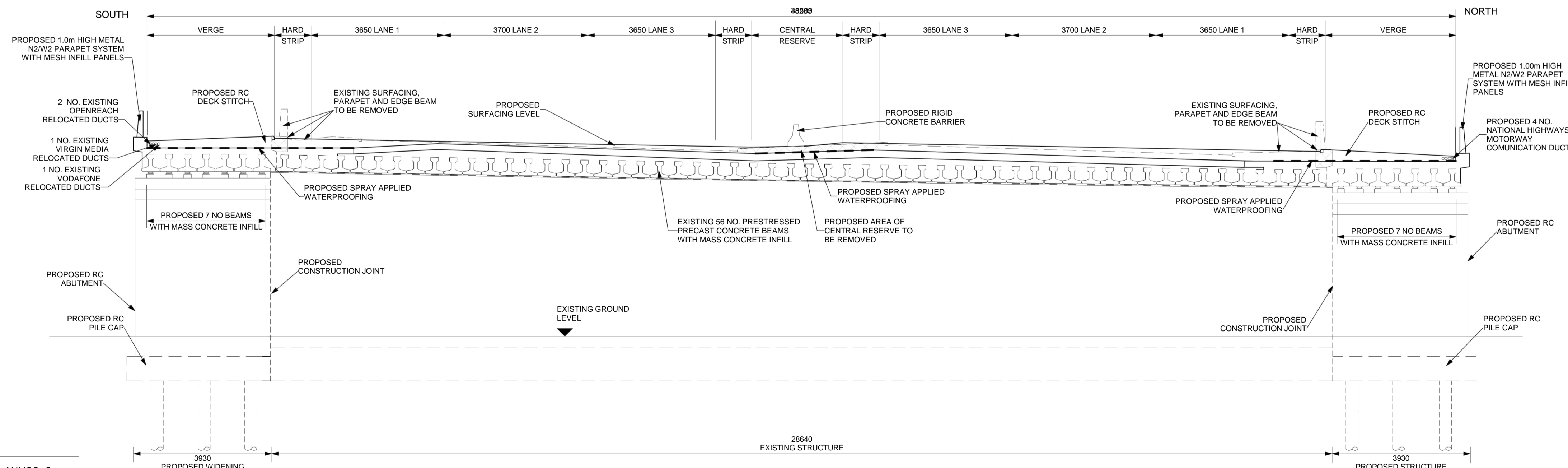
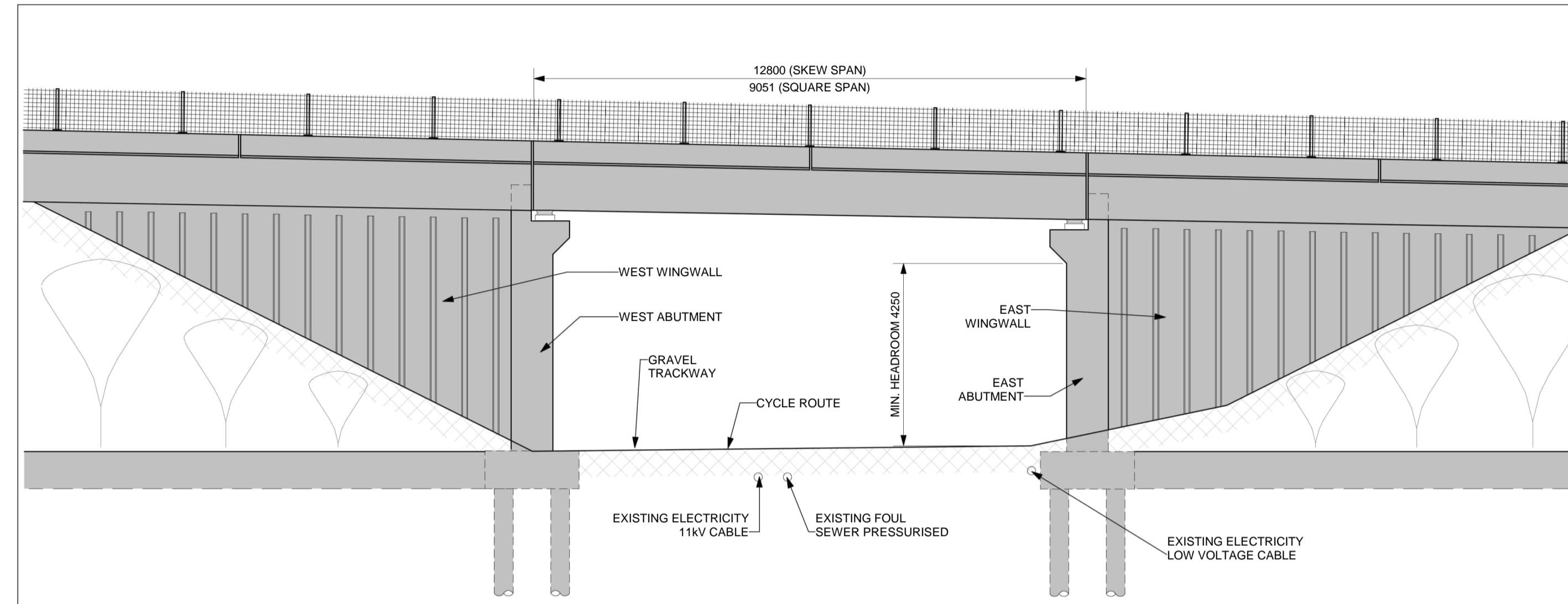
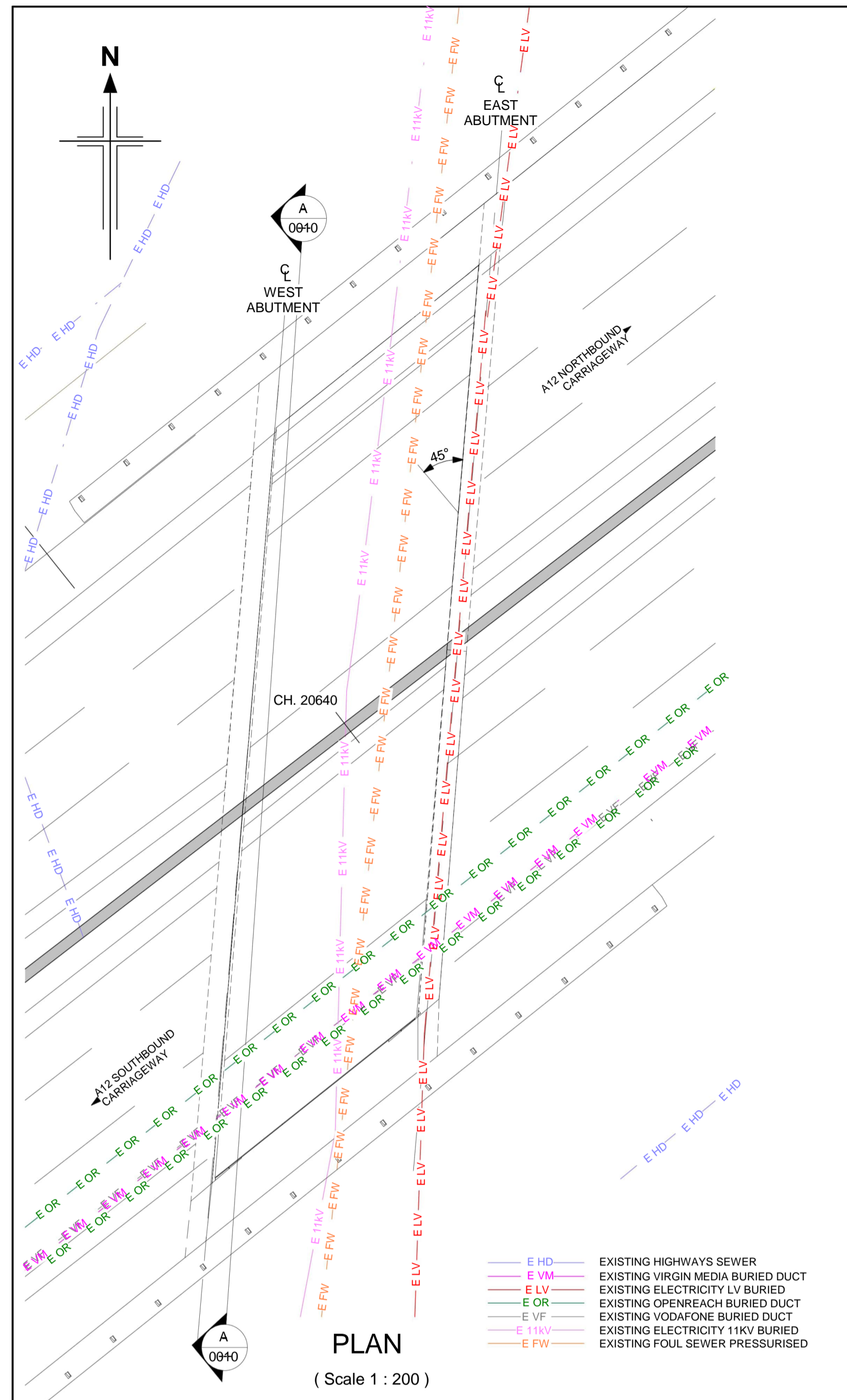
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0009

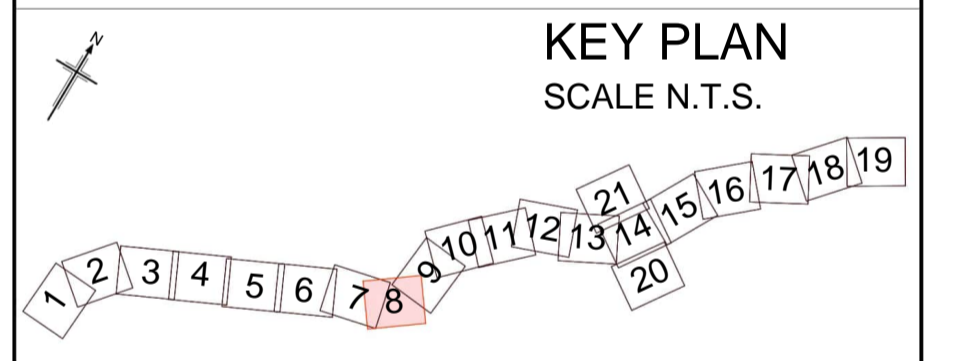


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- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
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P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



A12 CHELMSFORD TO A120 WIDENING SCHEME

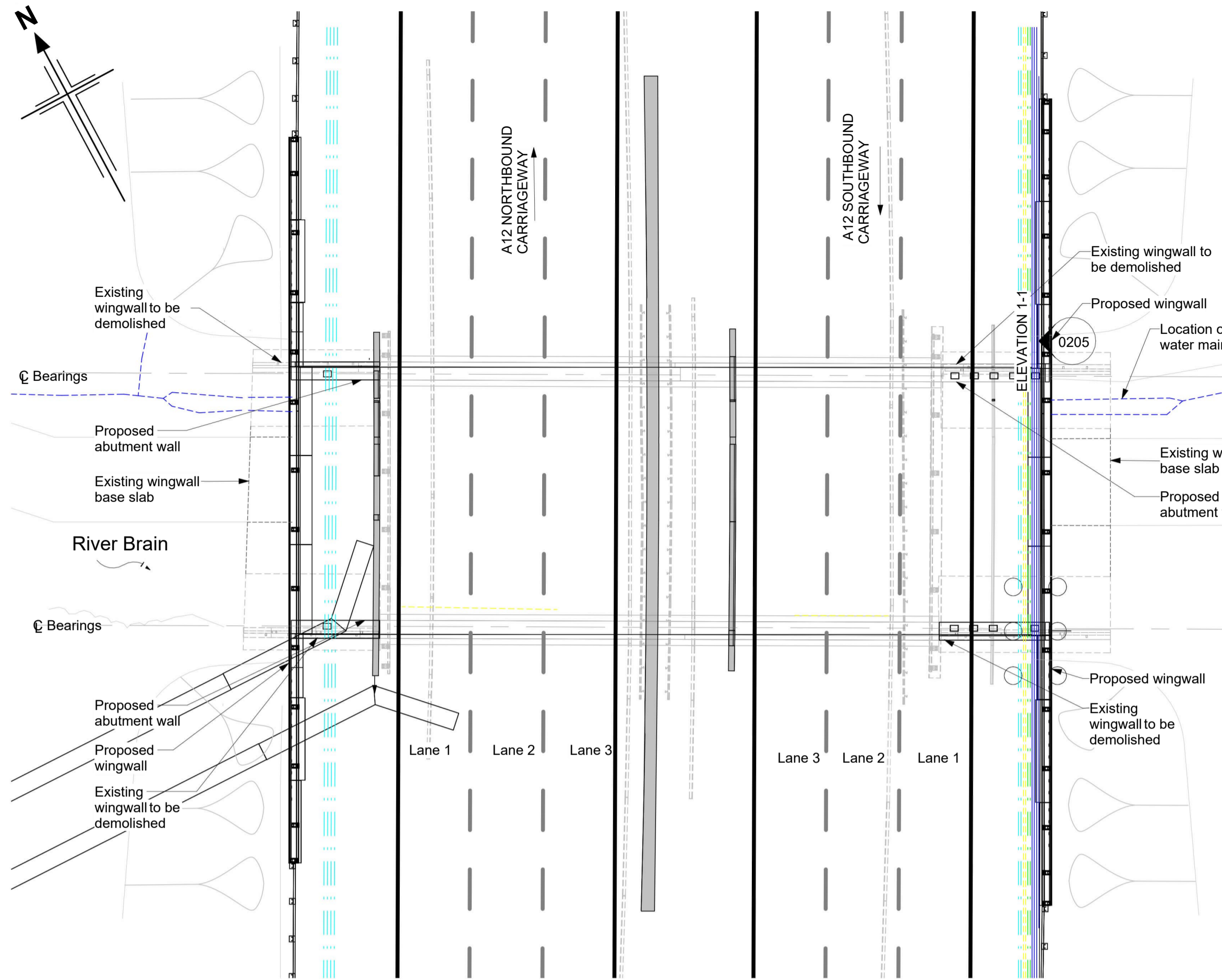
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
BENTON UNDERBRIDGE - WORK No. 24(d) - CH. 20640
(EXISTING STRUCTURE - PHYSICAL WIDENING)
SHEET 10 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

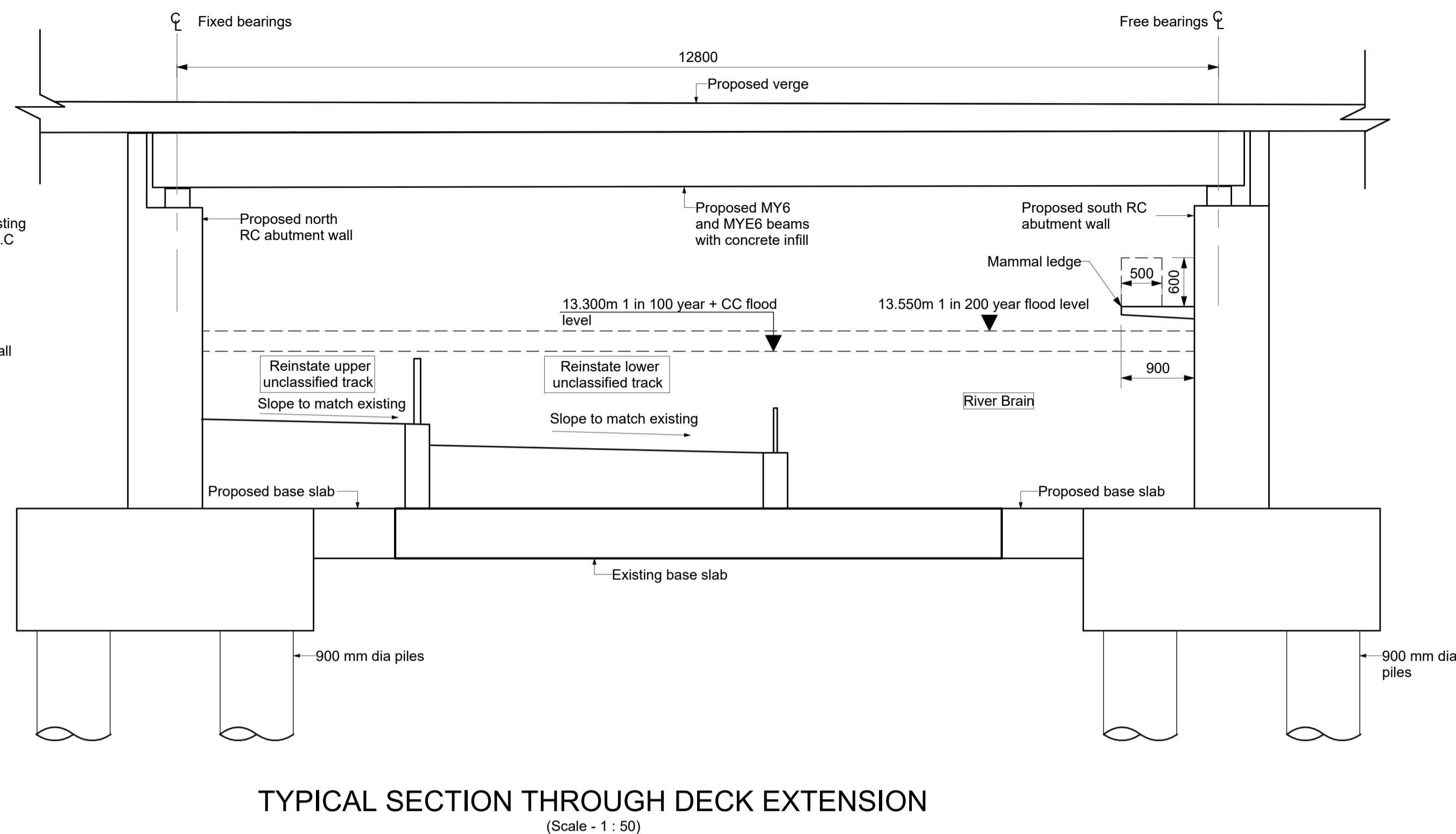
Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	Type	Role
SCHW	DR	S
	Number	
	0010	

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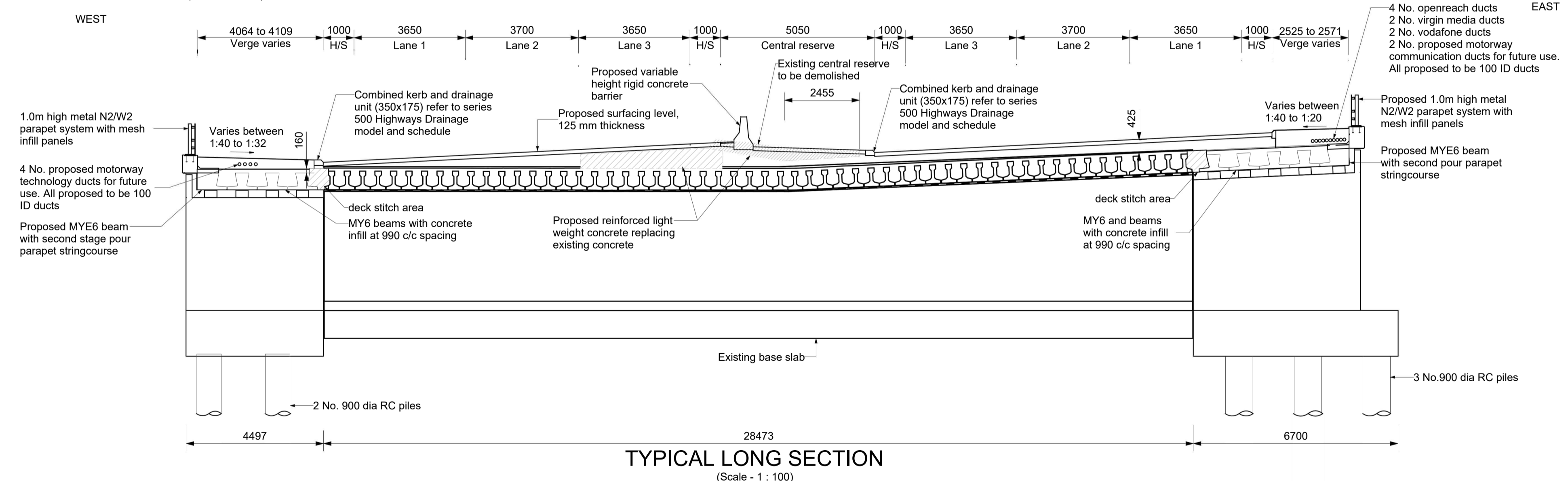
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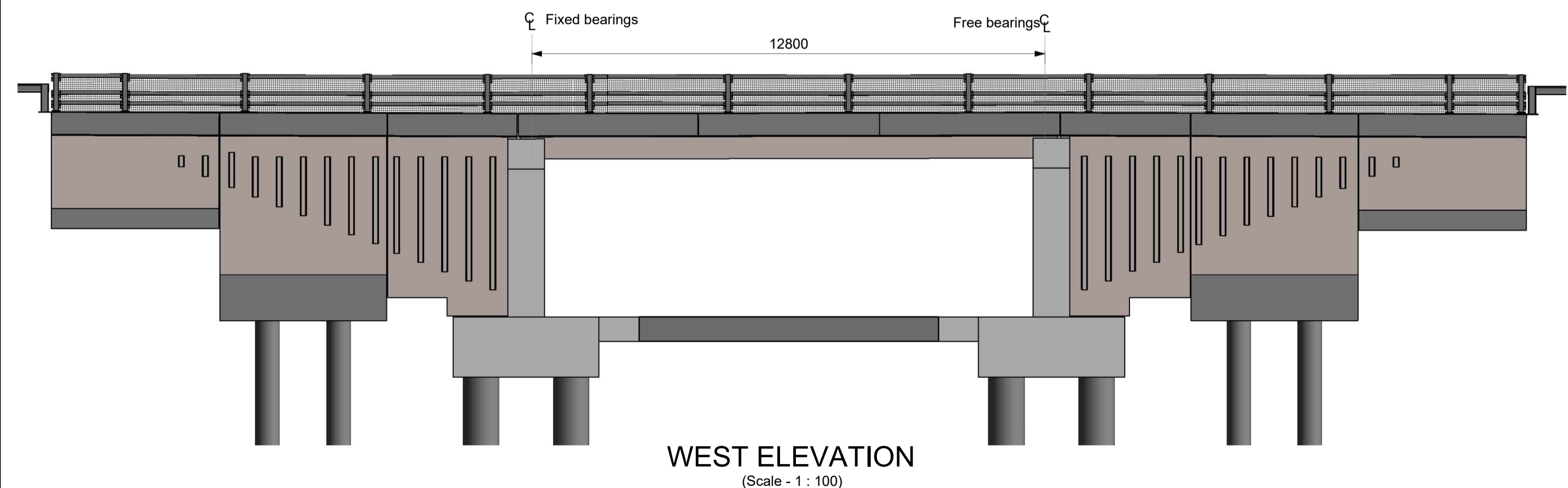
PLAN
(Scale - 1 : 200)
Note: New foundations not shown for clarity



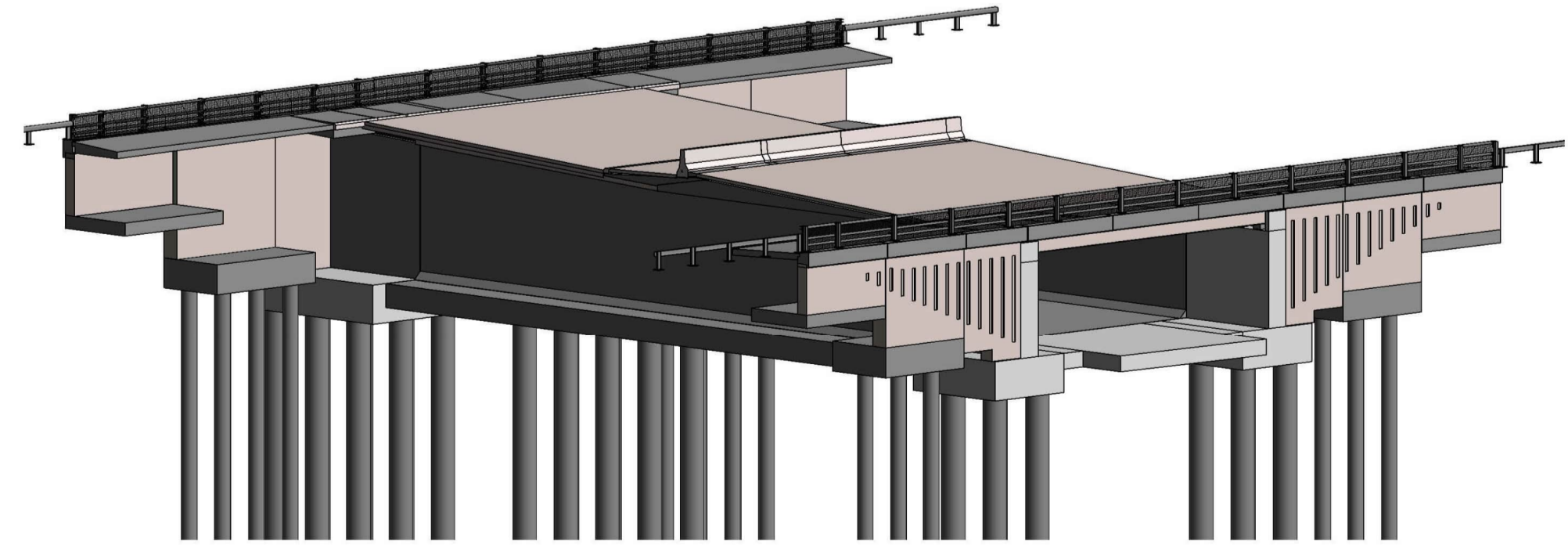
TYPICAL SECTION THROUGH DECK EXTENSION
(Scale - 1 : 50)



TYPICAL LONG SECTION
(Scale - 1 : 100)

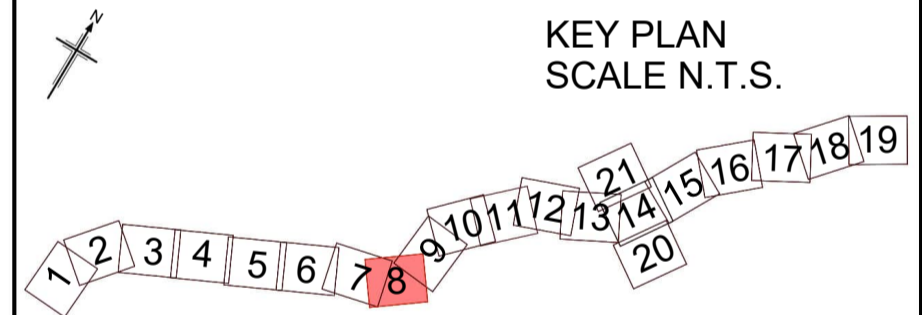


WEST ELEVATION
(Scale - 1 : 100)



ISOMETRIC VIEW (PROPOSED)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
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Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Appr'd
P03	20/11/2023	ADDITION OF 1 IN 100 YEAR + CC LEVEL TO TYPICAL DECK SECTION	DC	NK	NK	RC
P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.13



Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

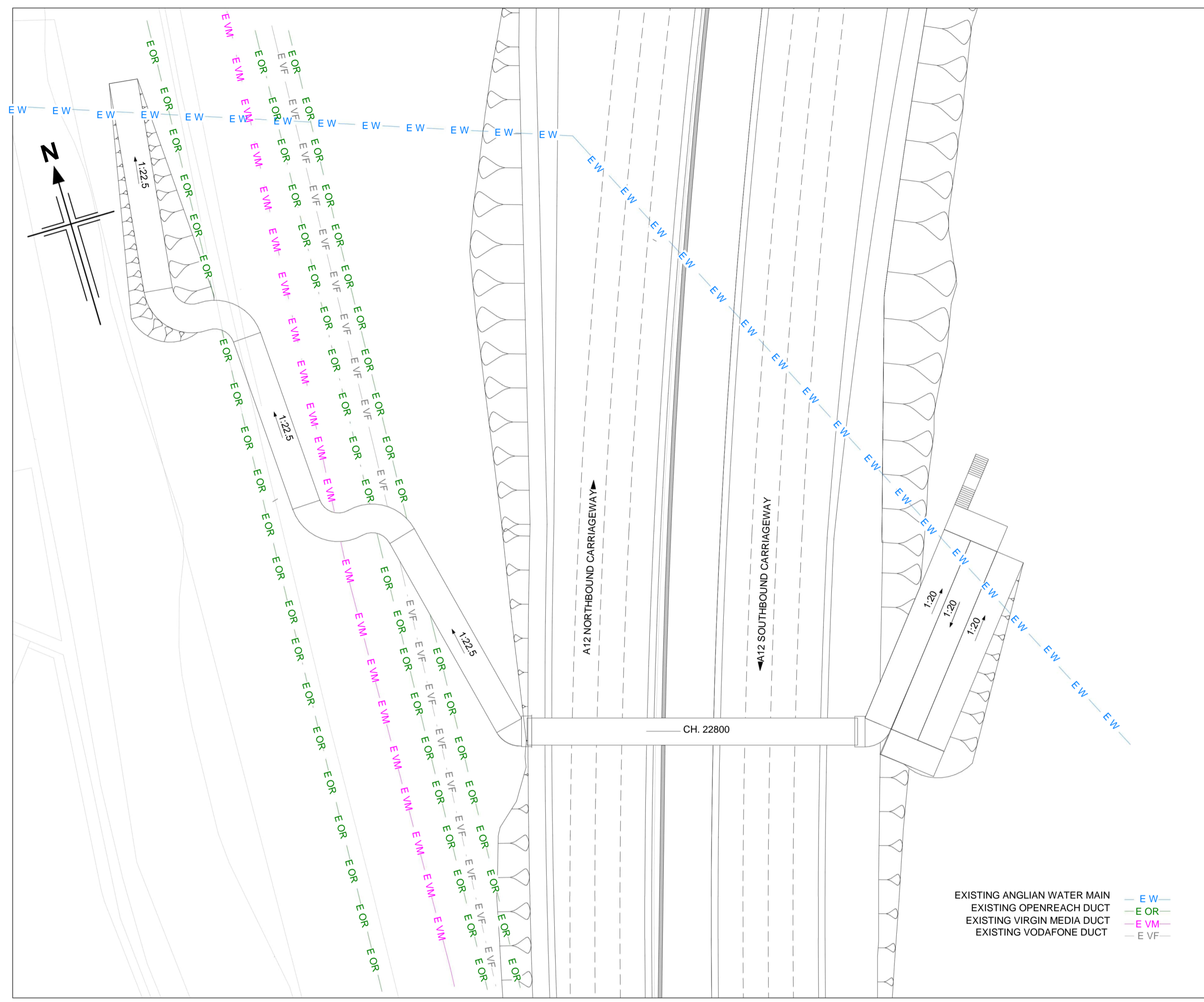
Drawing title: **STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
BRAIN UNDERBRIDGE - WORK NO. 24(E) - CH.21170
(EXISTING STRUCTURE PHYSICAL WIDENING)
SHEET 11 OF 30**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P03
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

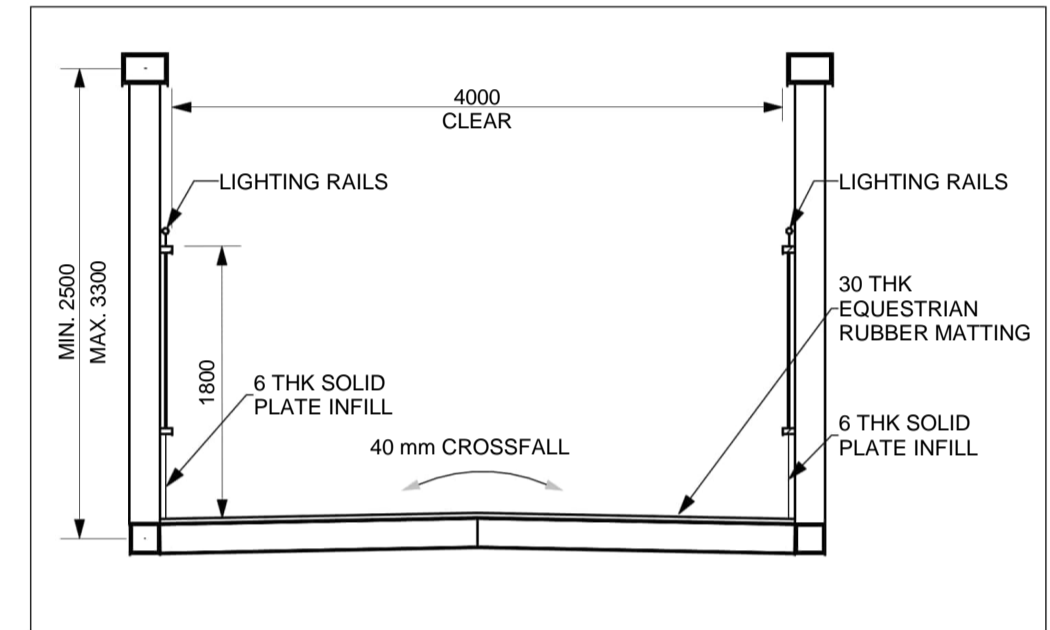
Drawing number: **HE551497**
PIN: **JAC**
Location: **SCHW**
Originator: **JAC**
Volume: **LDC**
Type: **DR**
Role: **S**
Number: **0011**

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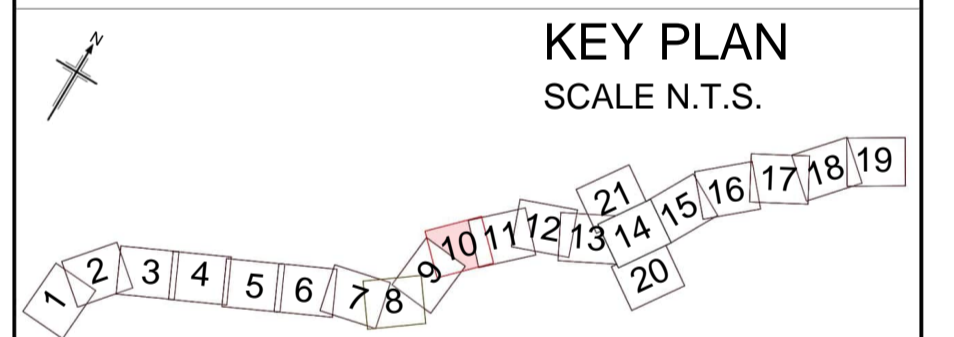
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
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PLAN
(SCALE 1 : 500)



SECTION A-A
(SCALE 1 : 50)



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

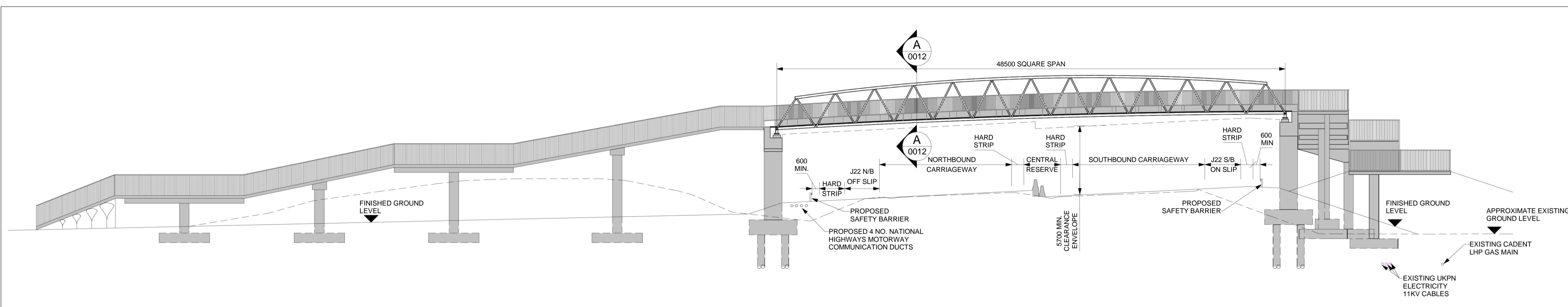


A12 CHELMSFORD TO A120 WIDENING SCHEME

STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
LITTLE BRAXTED BRIDGE - WORK No. 30 - CH. 22800
(PROPOSED STRUCTURE)
SHEET 12 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0012



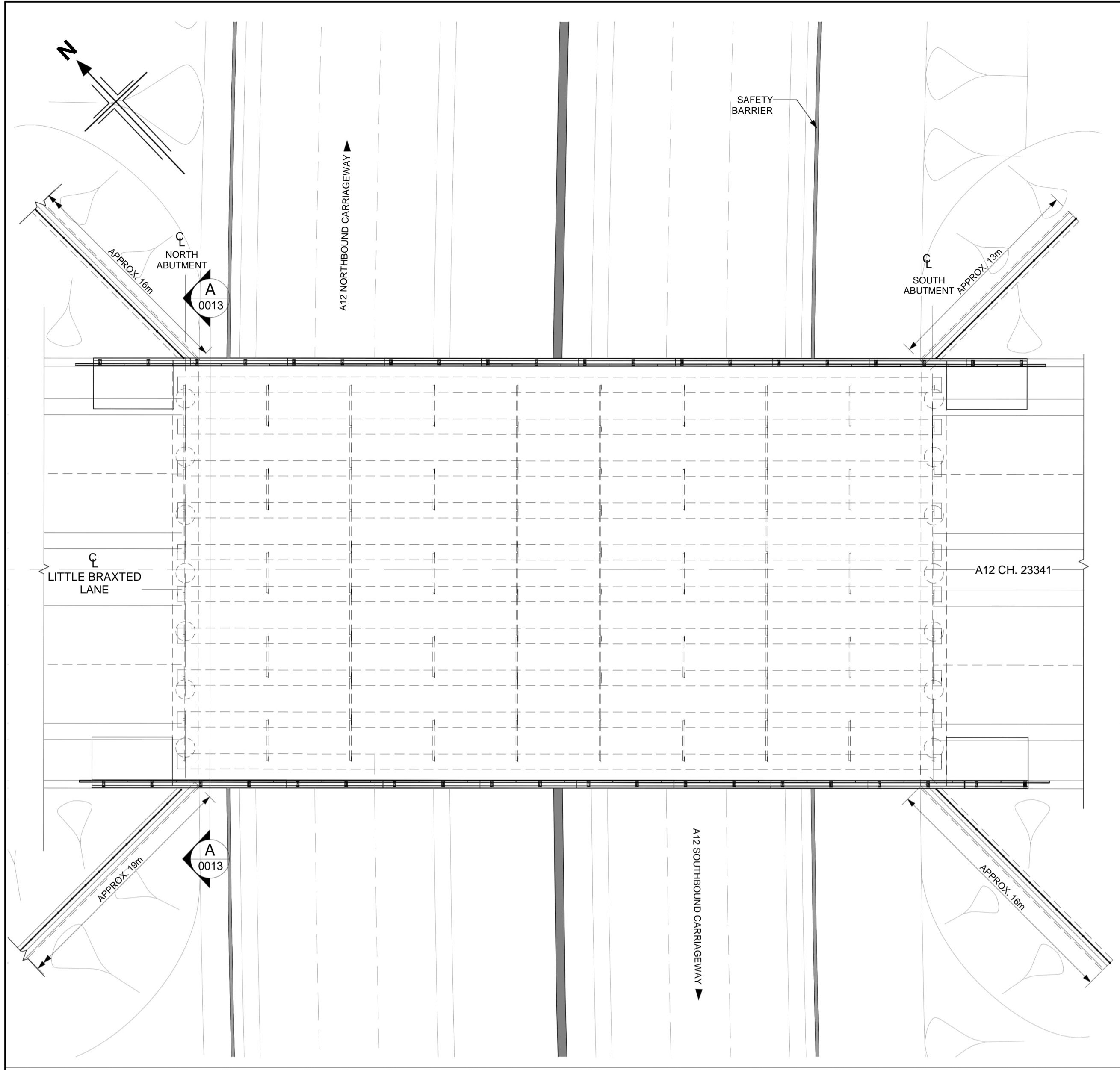
SOUTH-WEST ELEVATION
(SCALE 1 : 200)



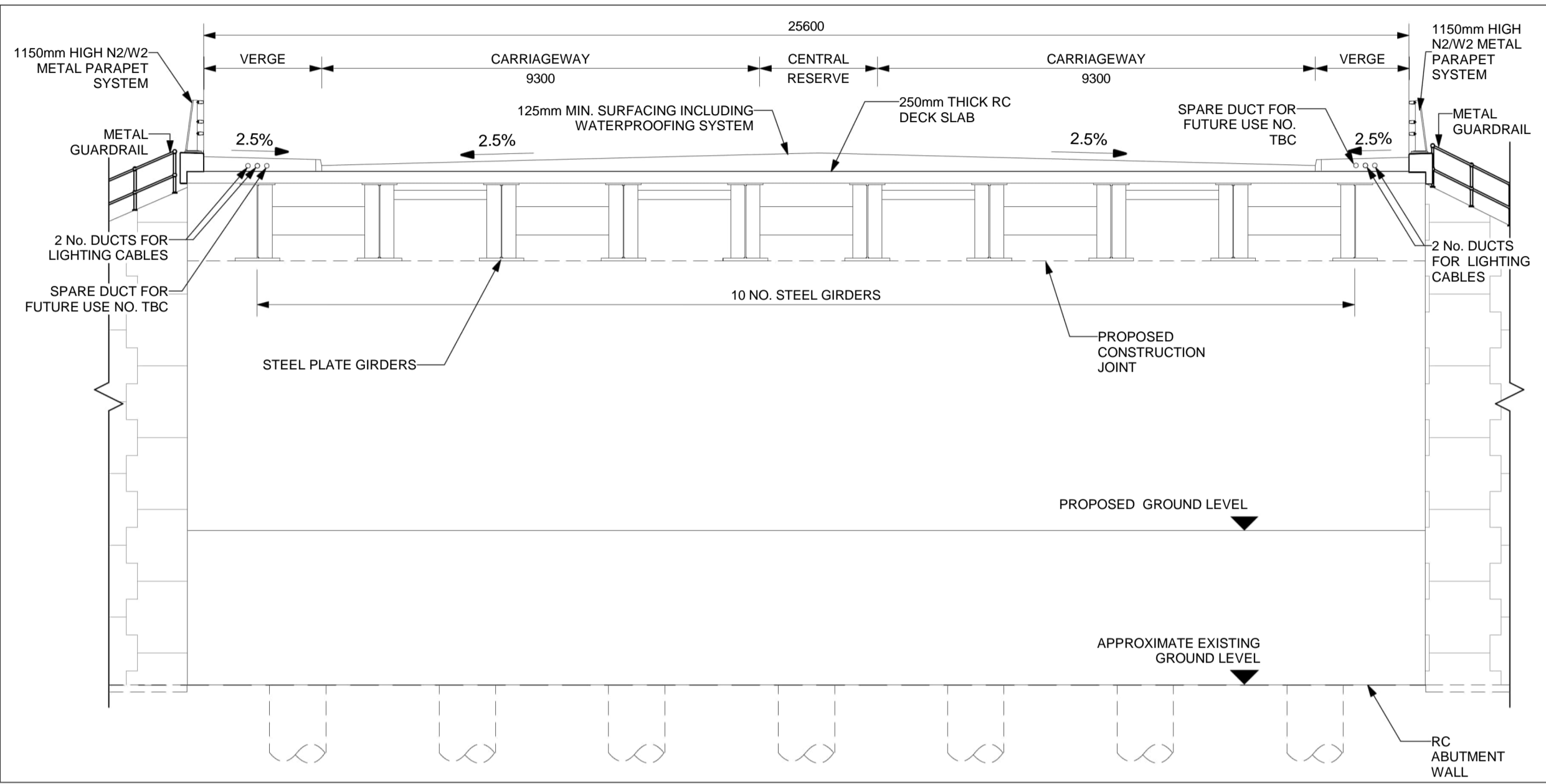
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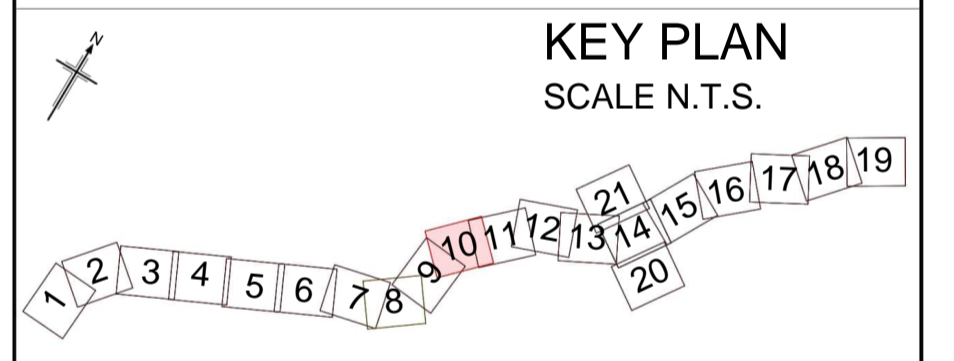


PLAN
(SCALE 1 : 200)

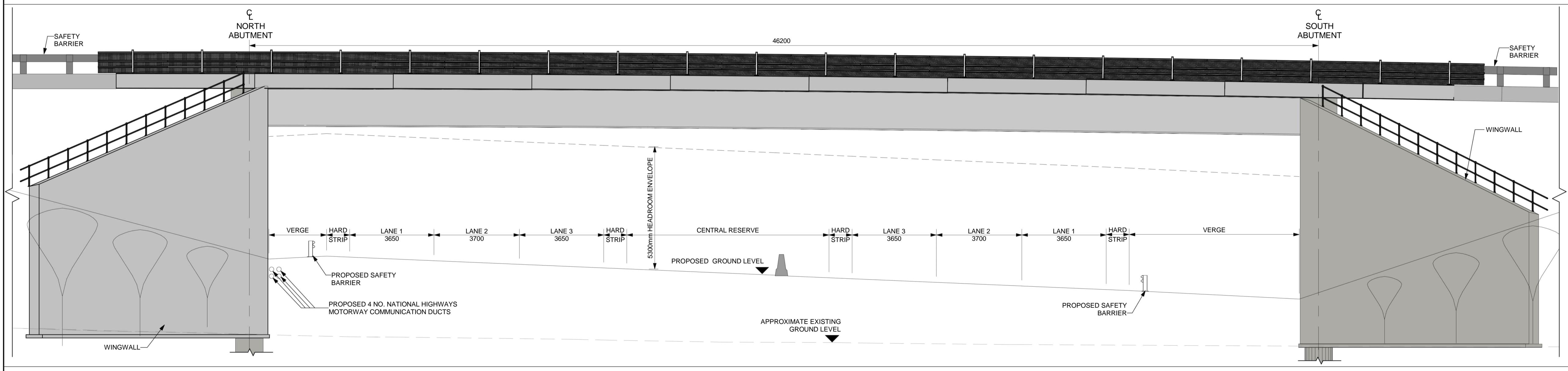


SECTION A-A
(SCALE 1 : 100)

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



KEY PLAN
SCALE N.T.S.



WEST ELEVATION
(SCALE 1 : 100)

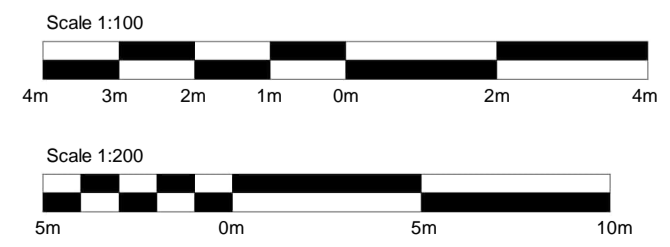
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010060			Development Consent Order Drawing Number: TR010060/APP/2.12			



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
LITTLE BRAXTED LANE OVERBRIDGE - WORK No. 32(a) -
CH. 23341
(PROPOSED STRUCTURE)
SHEET 13 OF 30**

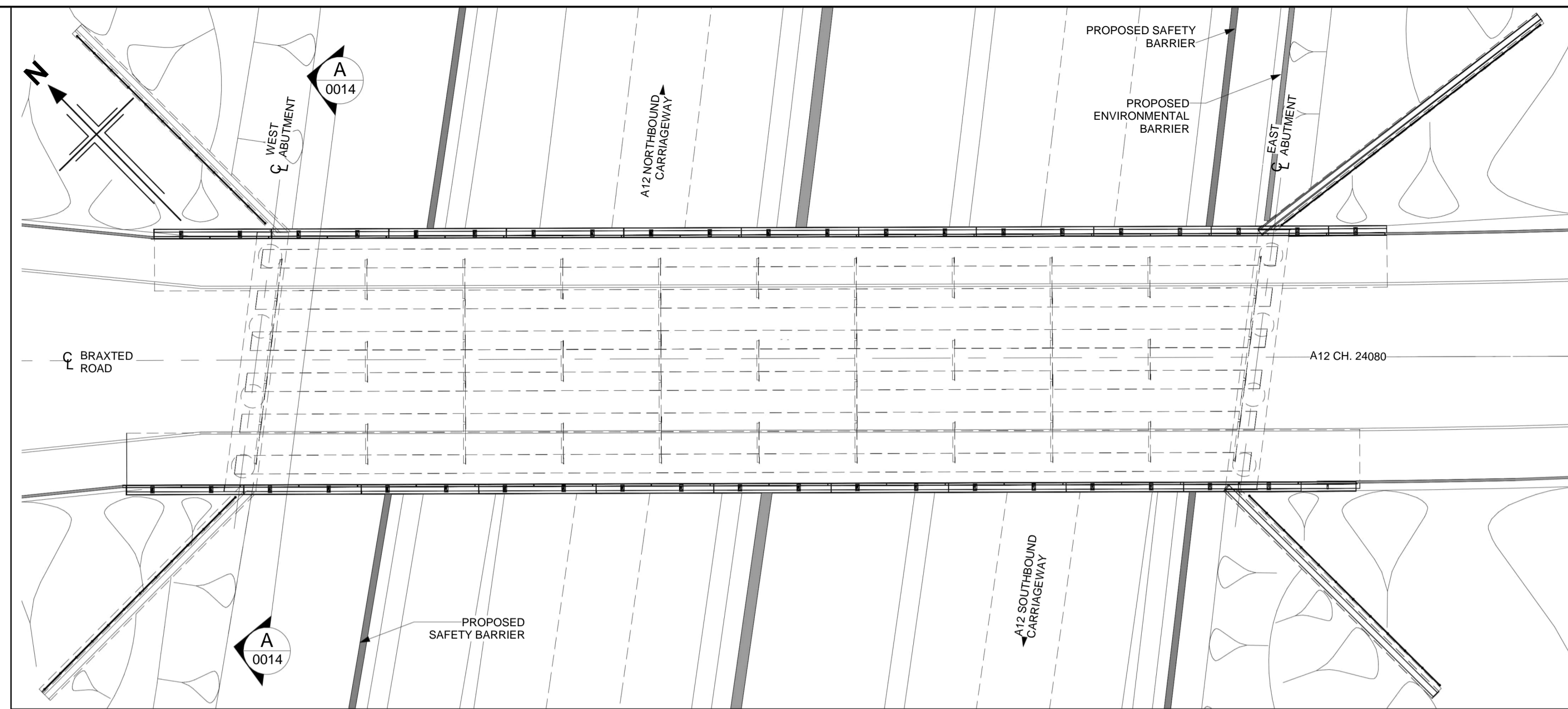
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)				
Purpose of issue	DCO APPLICATION				
State Code	Preliminary				
Project Stage	PCF3	Drawing status		S4	
Scale at A1 (841x594mm)	AS SHOWN				
Jacobs No.	B36601D1	Rev		P01	
Client no.	HE551497				



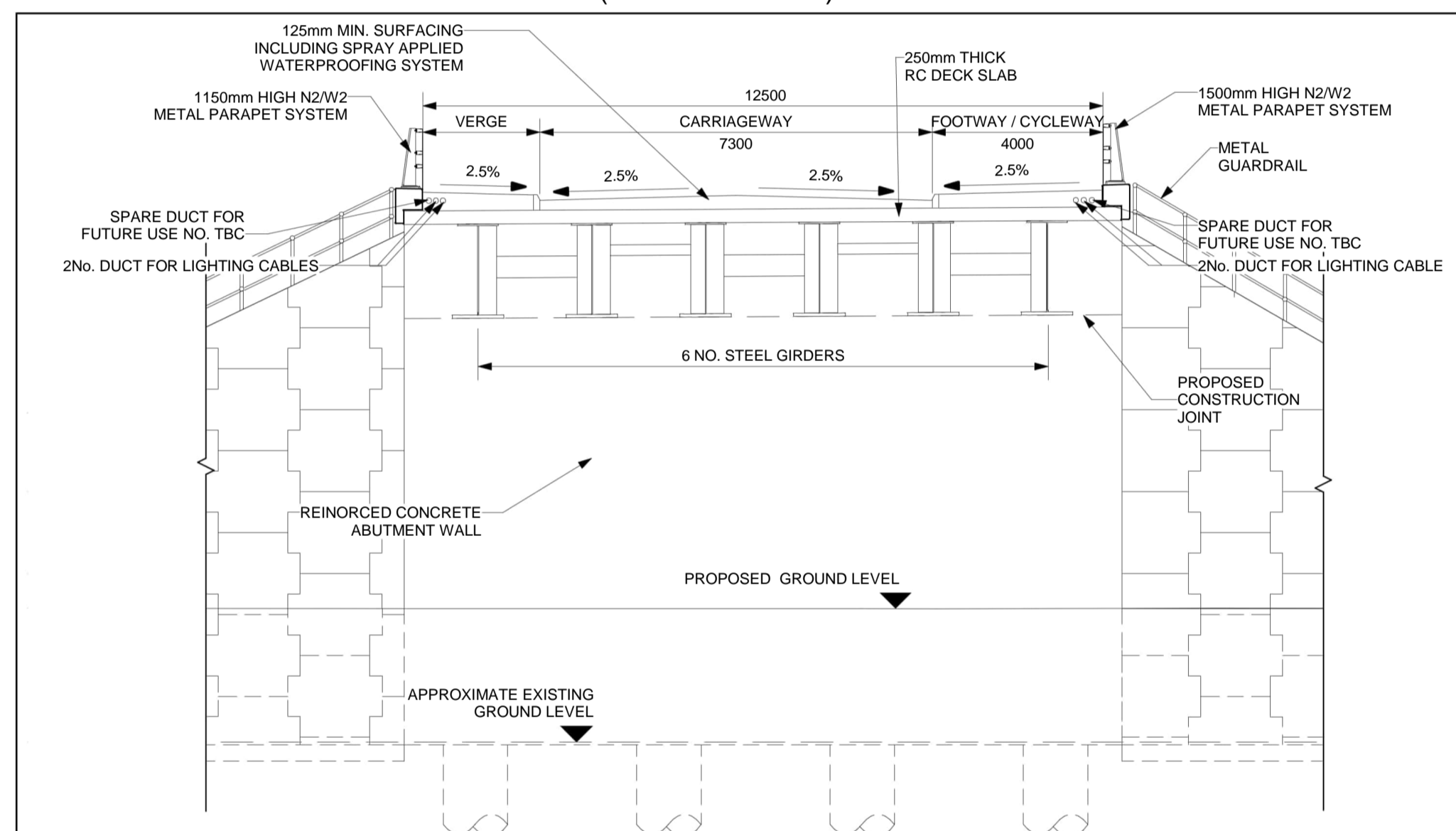
Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	SCHW	DR S 0013

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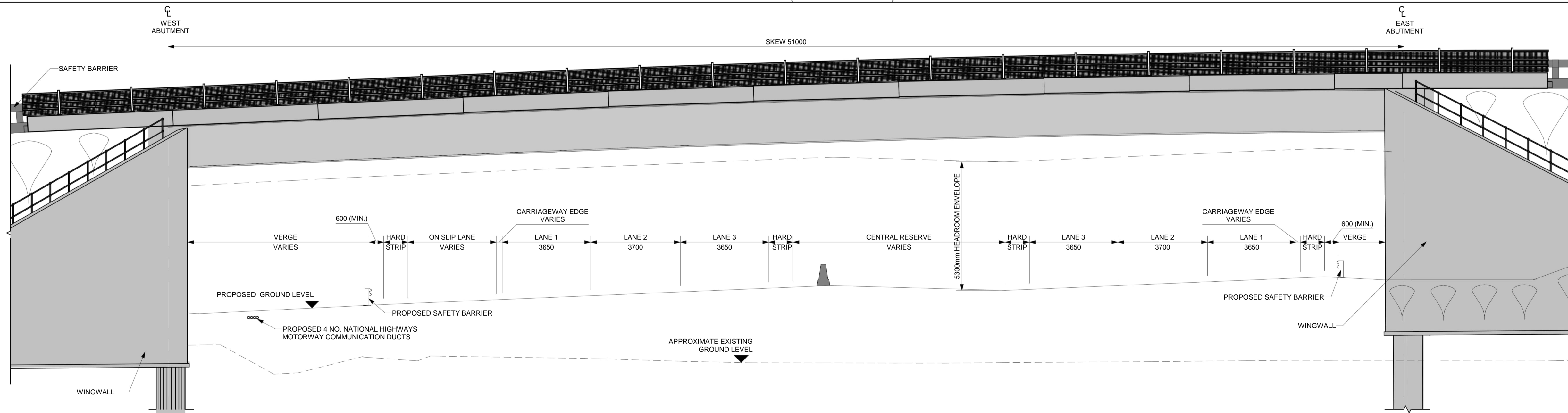
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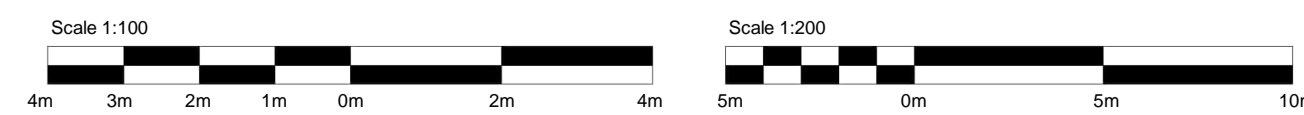
PLAN
(SCALE 1 : 200)



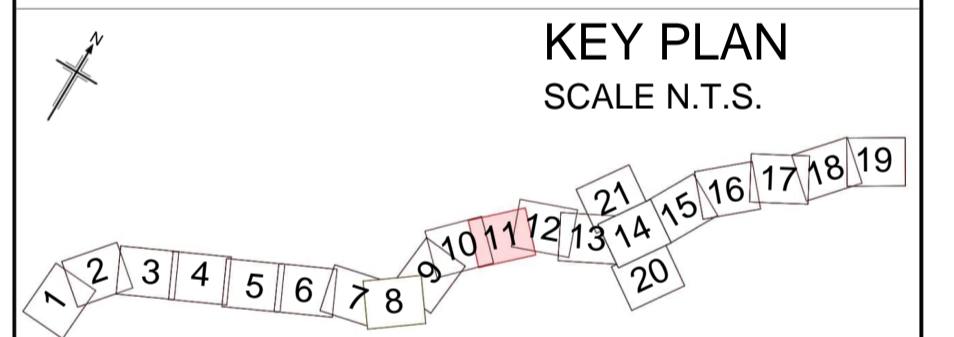
SECTION A-A
(SCALE 1 : 100)



SOUTH ELEVATION
(SCALE 1 : 100)



- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

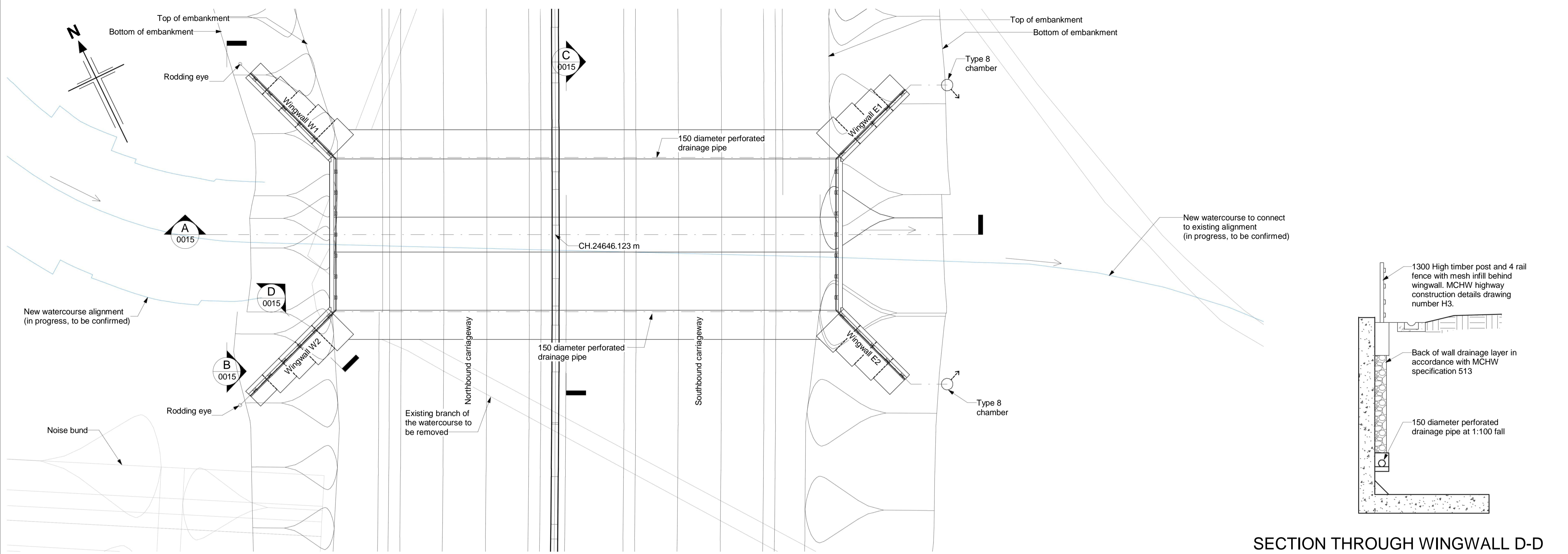
Drawing title: STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
BRAXTED ROAD OVERBRIDGE - WORK NO. 37(d) - CH. 24080
(PROPOSED STRUCTURE)
SHEET 14 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

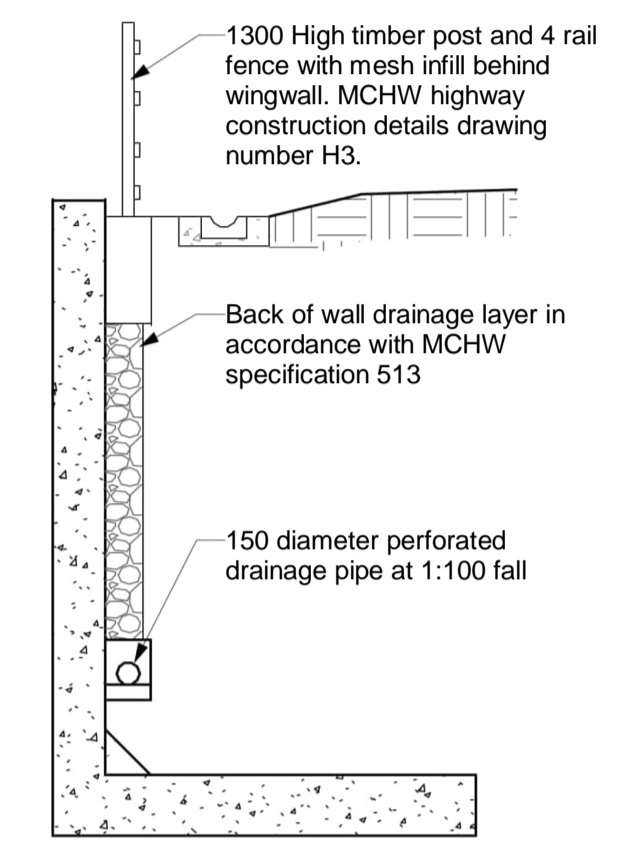
Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0014

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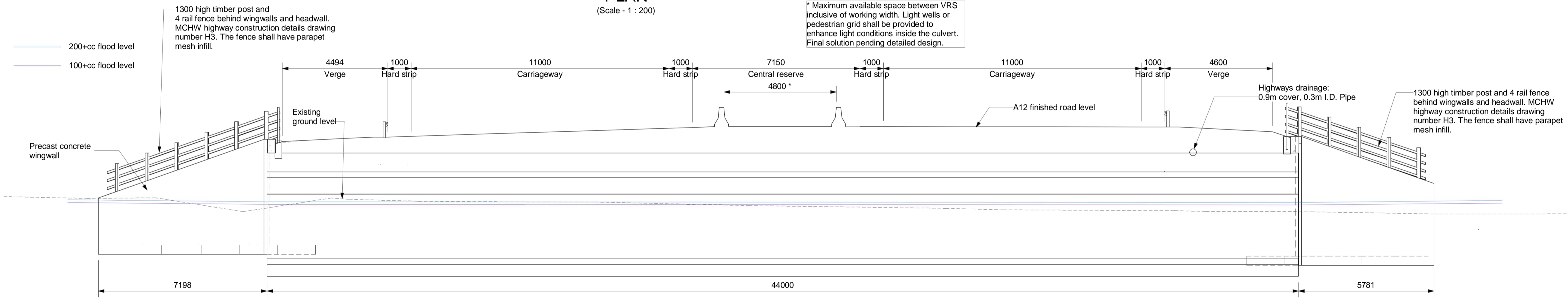


PLAN
(Scale - 1 : 200)

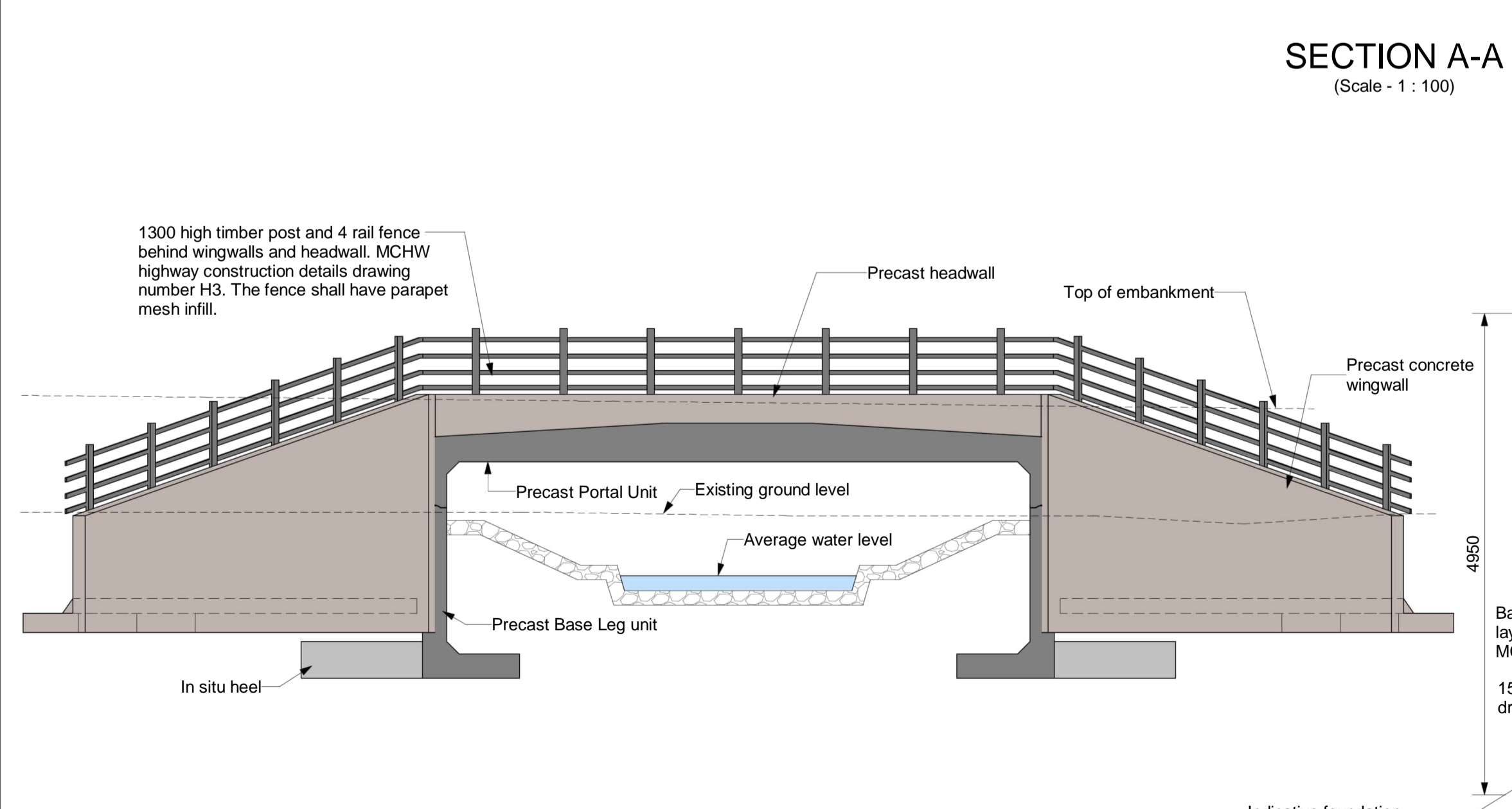


SECTION THROUGH WINGWALL D-D
(Scale - 1 : 50)

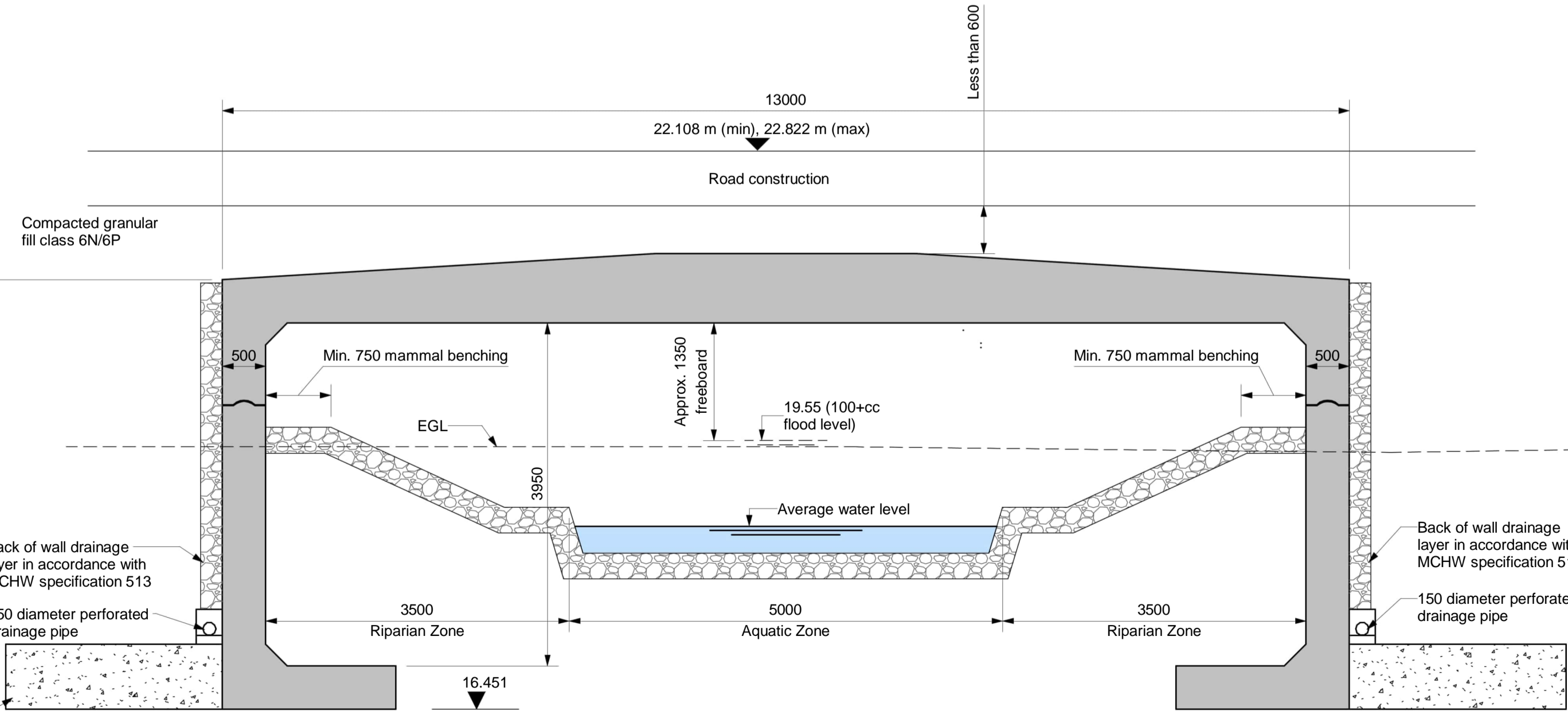
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



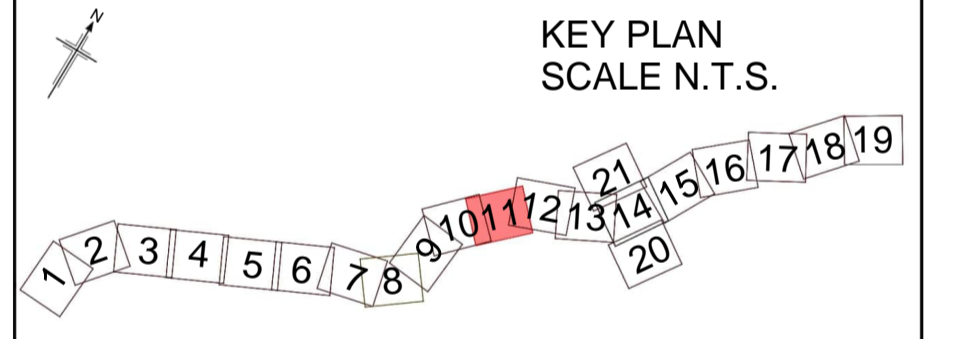
SECTION A-A
(Scale - 1 : 100)



ELEVATION B-B
(Scale - 1 : 100)



SECTION C-C
(Scale - 1 : 50)



KEY PLAN
SCALE N.T.S.

P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.13



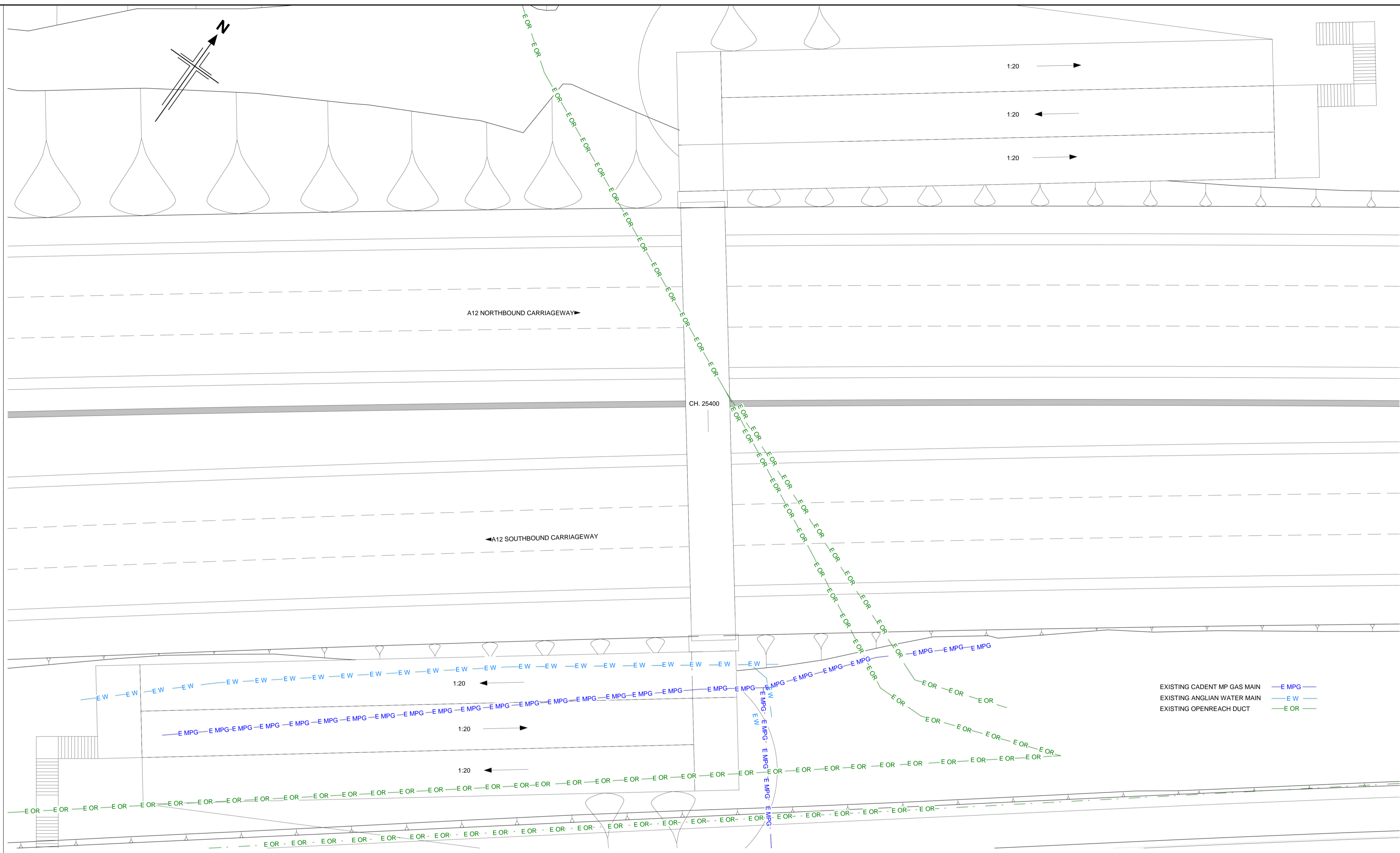
Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
RIVENHALL BROOK CULVERT - WORK NO. 42 - CH.24685
(PROPOSED STRUCTURE)
SHEET 15 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	HE551497
Originator	JAC
Volume	LDC
Location	SCHW
Type	DR
Role	S
Number	0015

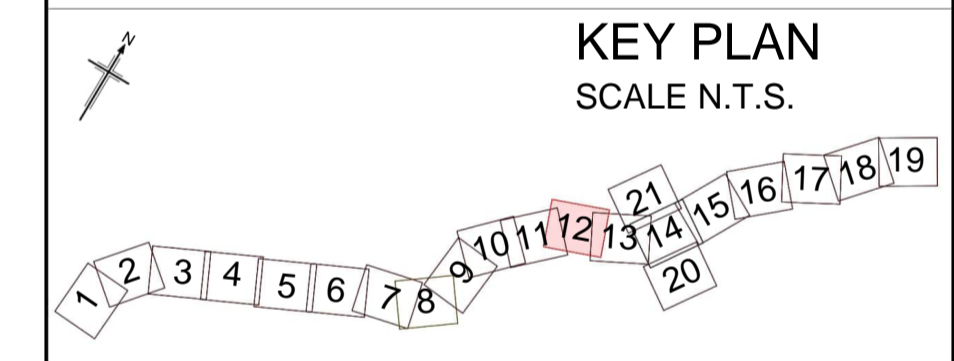
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PLAN
(SCALE 1 : 200)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12

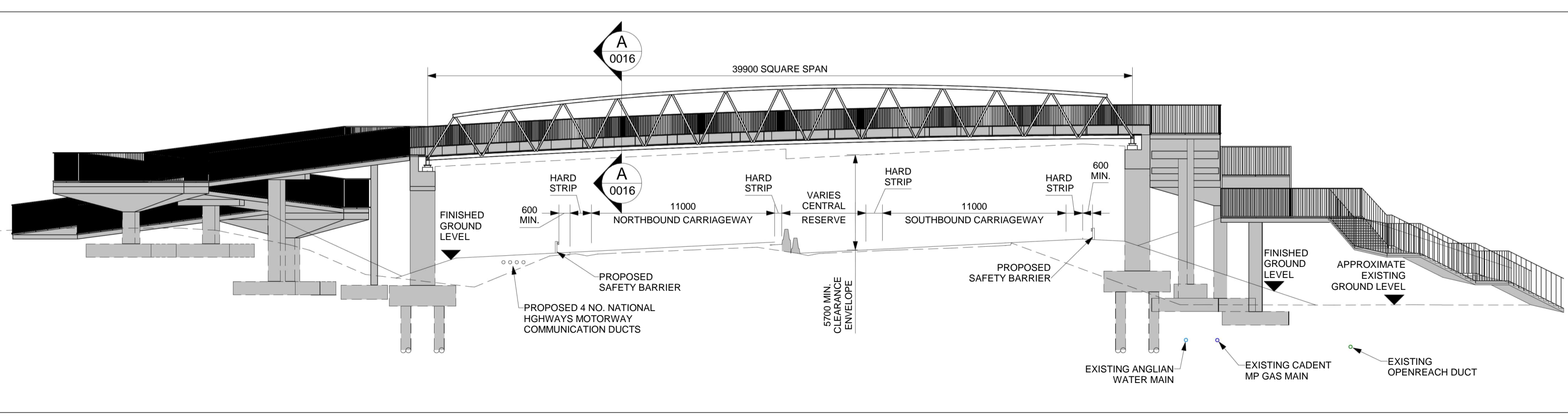


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

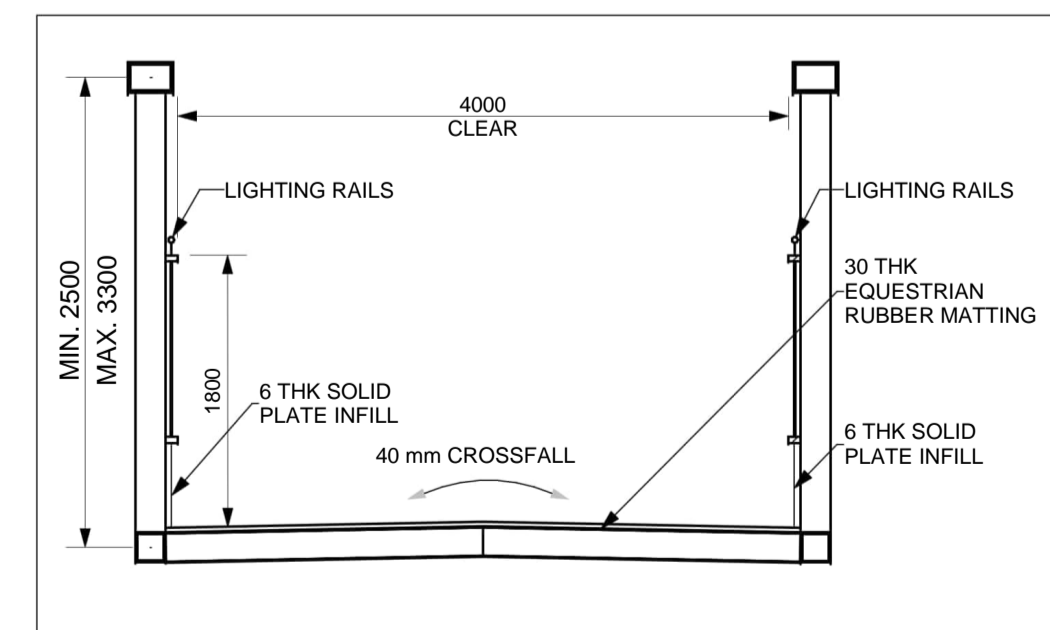
Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
SNIVELLERS LANE BRIDGE - WORK No. 53 -
CH. 25400
(PROPOSED STRUCTURE)
SHEET 16 OF 30**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0016



WEST ELEVATION
(SCALE 1 : 200)



SECTION A-A
(SCALE 1 : 50)

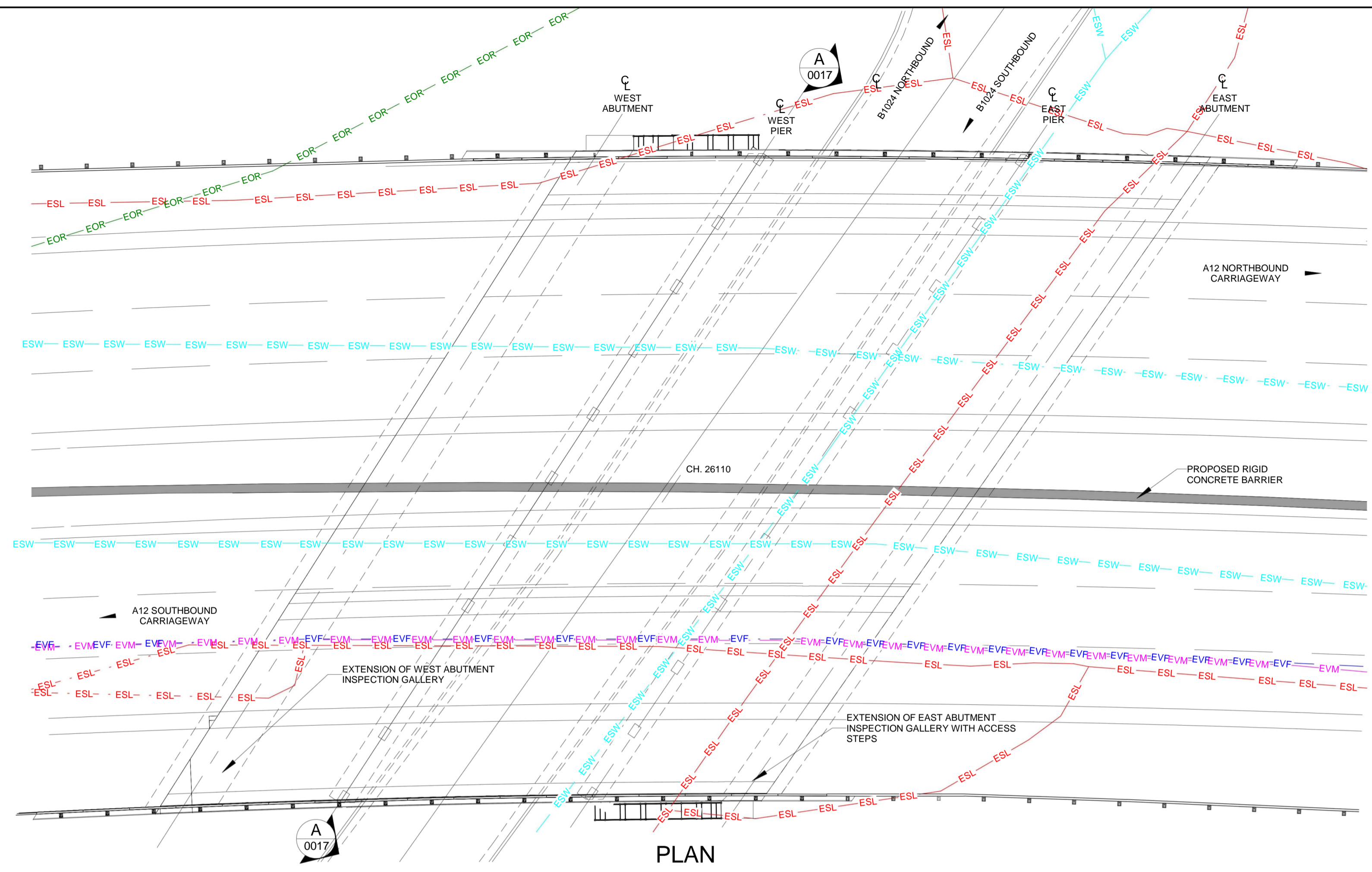
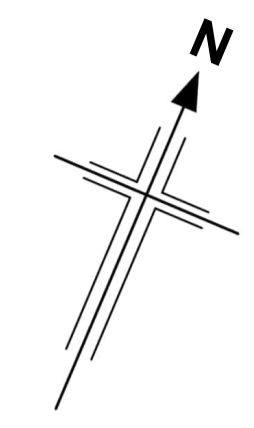


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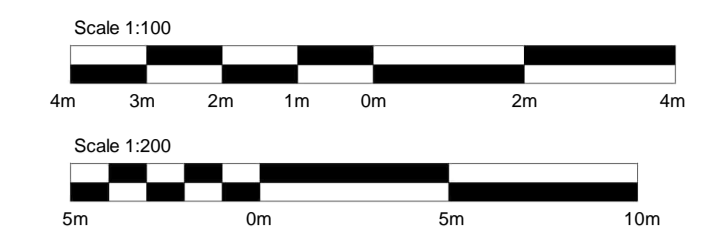
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6/13/2022 1:59:45 PM

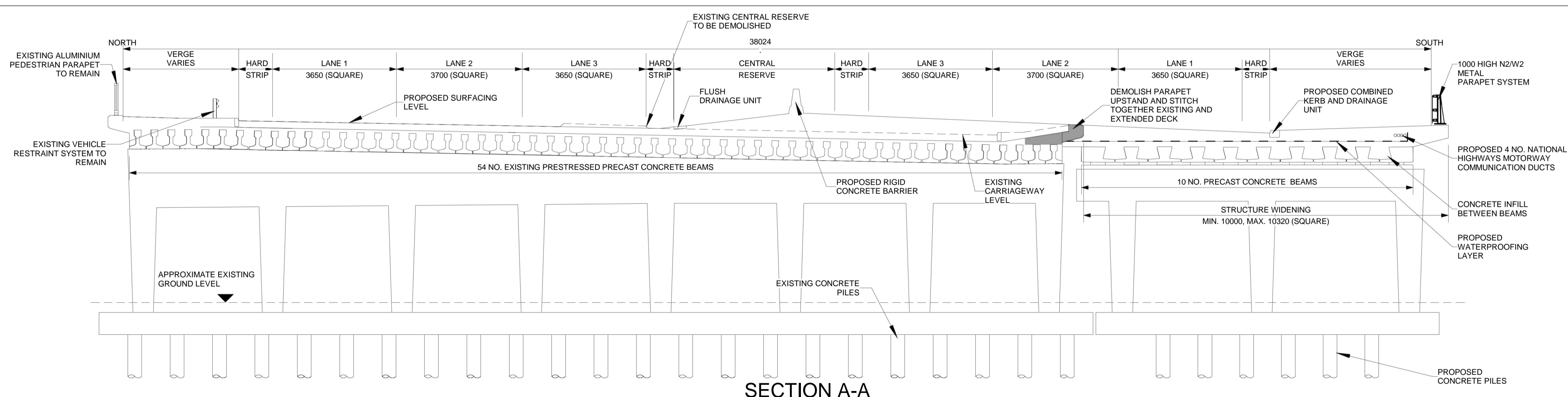


- EOR — EXISTING BURIED OPENREACH CABLE
- ESL — EXISTING ELECTRIC STREET LIGHTING
- ESW — EXISTING SEWER
- EVM — EXISTING VIRGIN MEDIA DUCT
- EVF — EXISTING VODAFONE DUCT

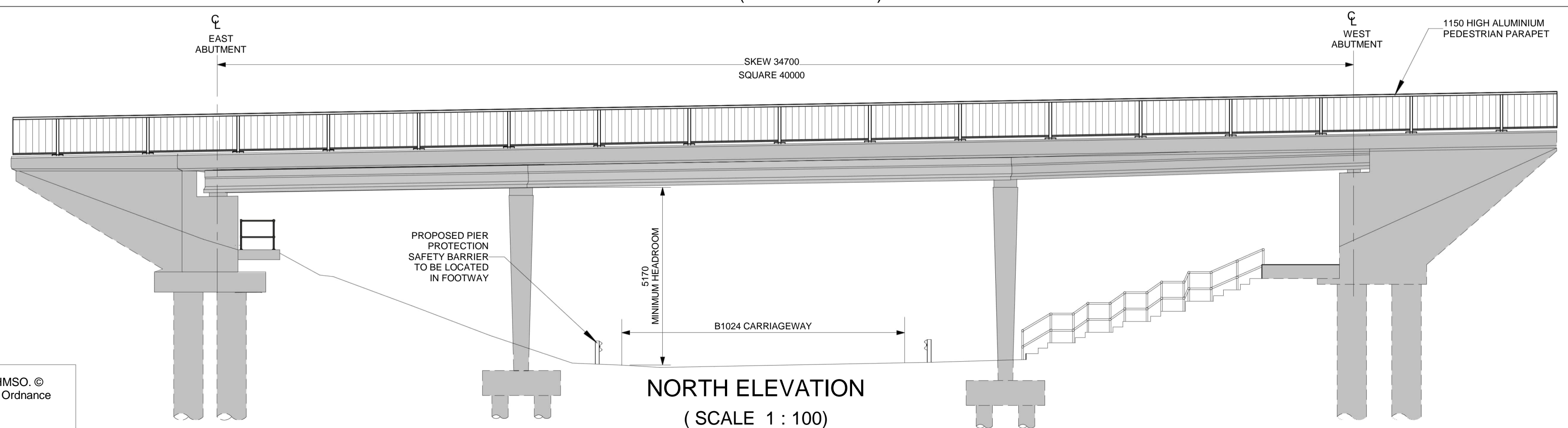
PLAN
(SCALE 1 : 200)



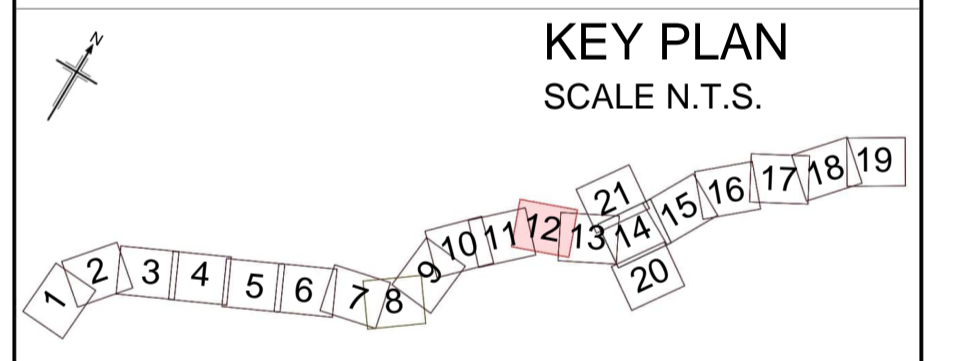
- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



SECTION A-A
(SCALE 1 : 100)



NORTH ELEVATION
(SCALE 1 : 100)



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

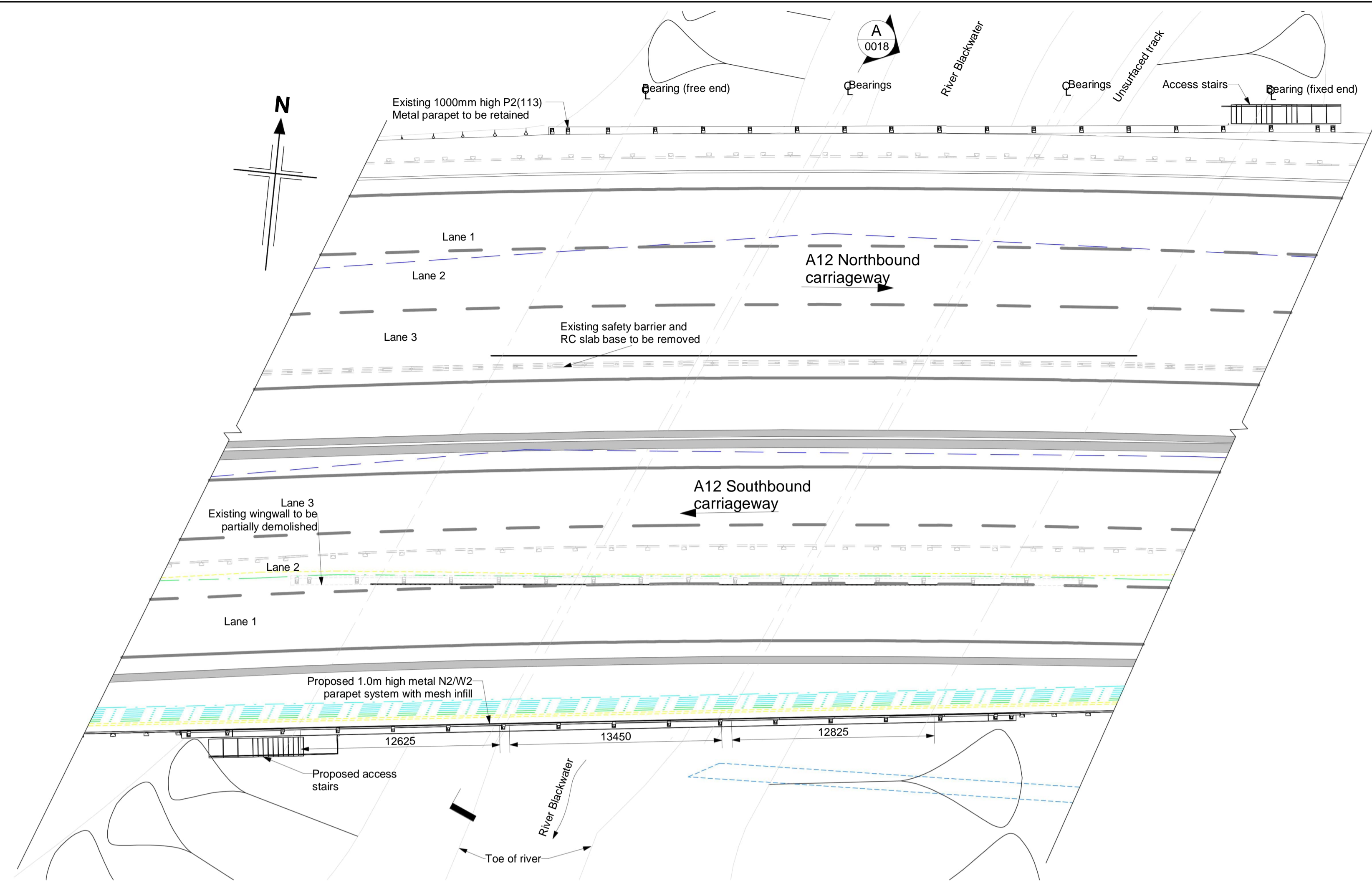
Drawing title: STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
CRANES UNDERBRIDGE - WORK No. 45(a) - CH. 26110 (EXISTING STRUCTURE - PHYSICAL WIDENING)
SHEET 17 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1		
Client no.	HE551497		P01
Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
	SCHW	DR	S 0017

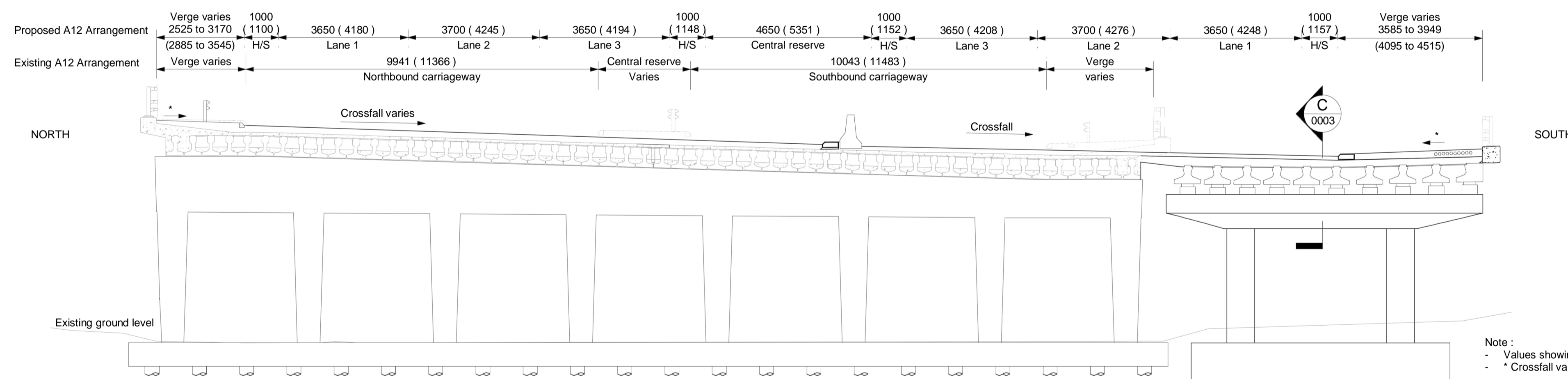
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Autodesk Docs:\UK-HE551497-Highways England-A12 Chelmsford to A120\HE551497-JAC-SBR-5_S2C_ES5838-M3-S-0001.rvt

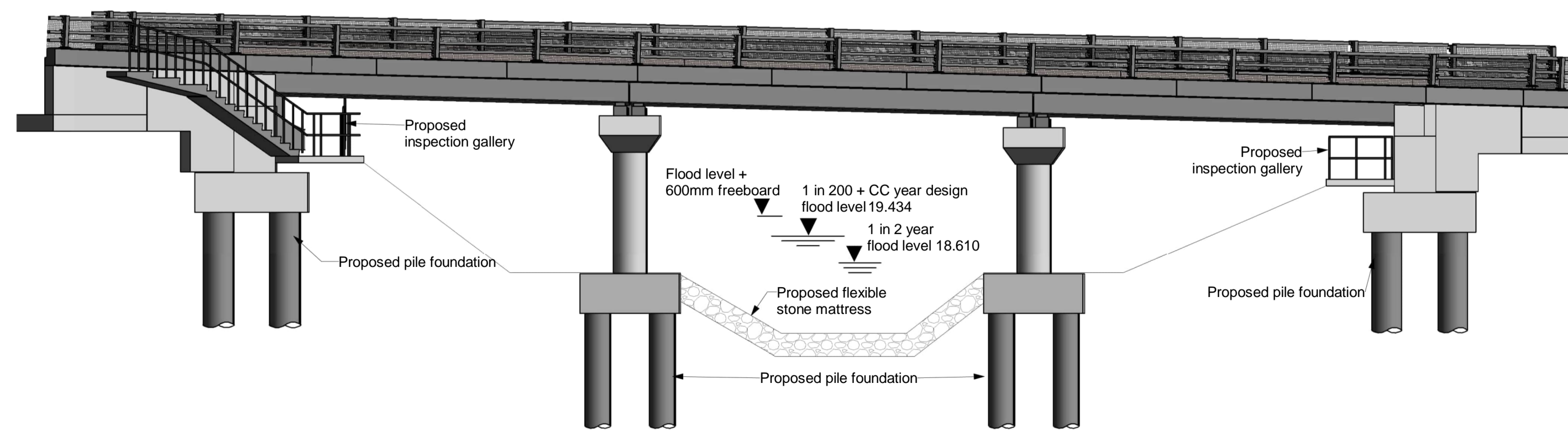
08/11/2023 15:46:49



PLAN
(Scale - 1 : 200)



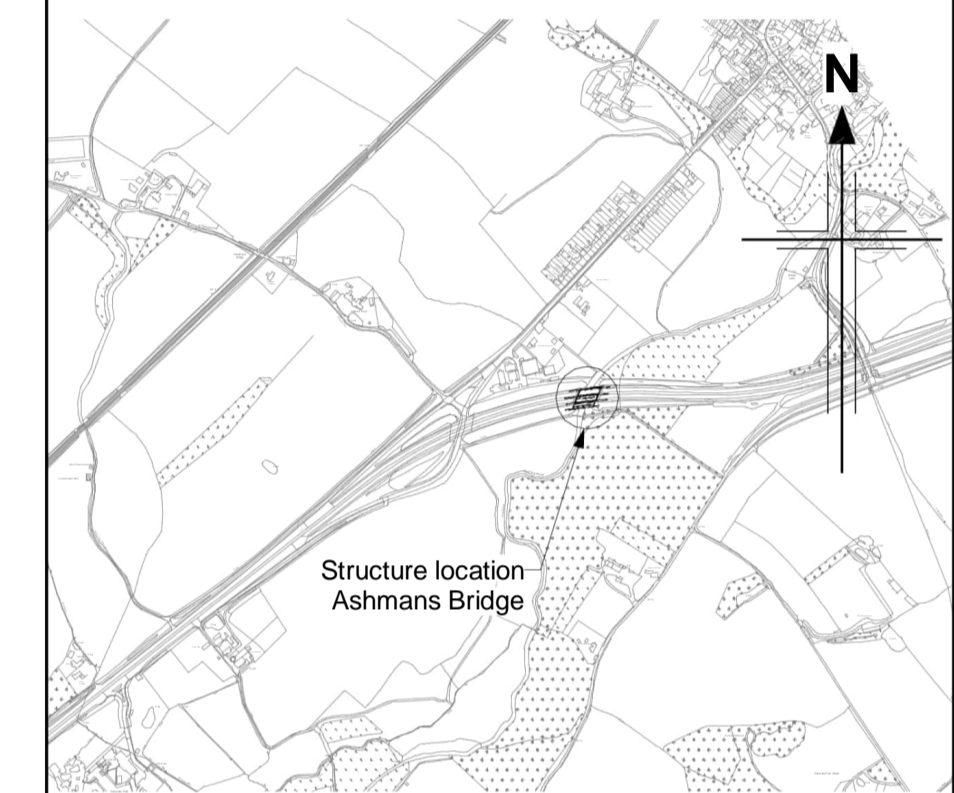
SECTION A-A
(Scale - 1 : 100)



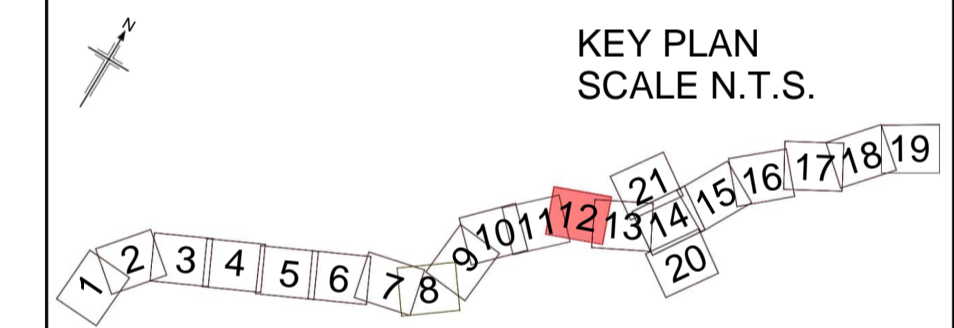
SOUTH ELEVATION
(Scale - 1 : 125)

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).

- LEGEND:**
- Existing Water Main (Location TBC)
 - Existing sewer
 - Vodafone Duct (Diverted existing utilities)
 - Virgin Media Duct (Diverted existing utilities)
 - New proposed motorway communication ducts



LOCATION PLAN
(Scale - 1 : 15000)



KEY PLAN
SCALE N.T.S.

P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.13

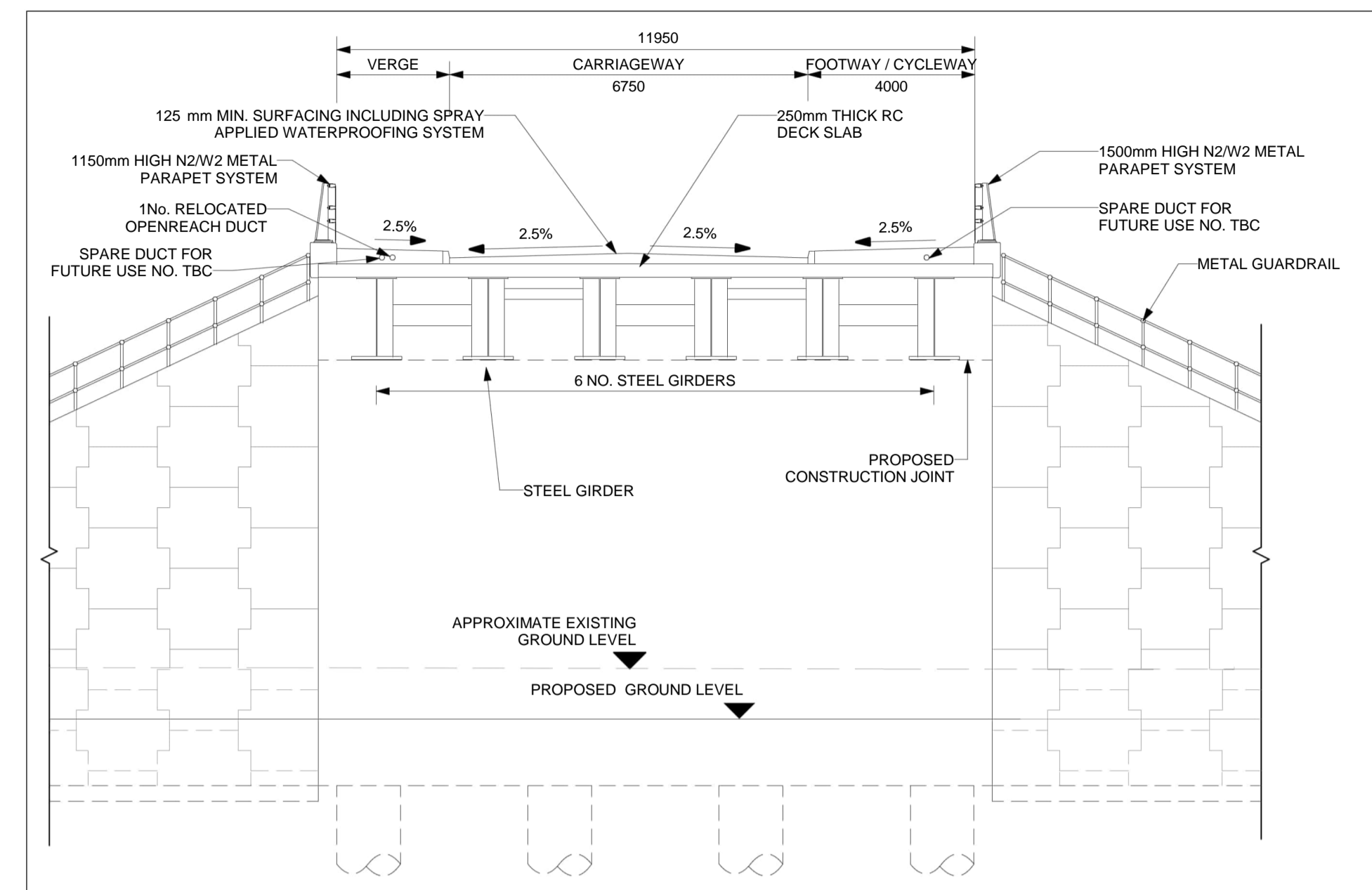
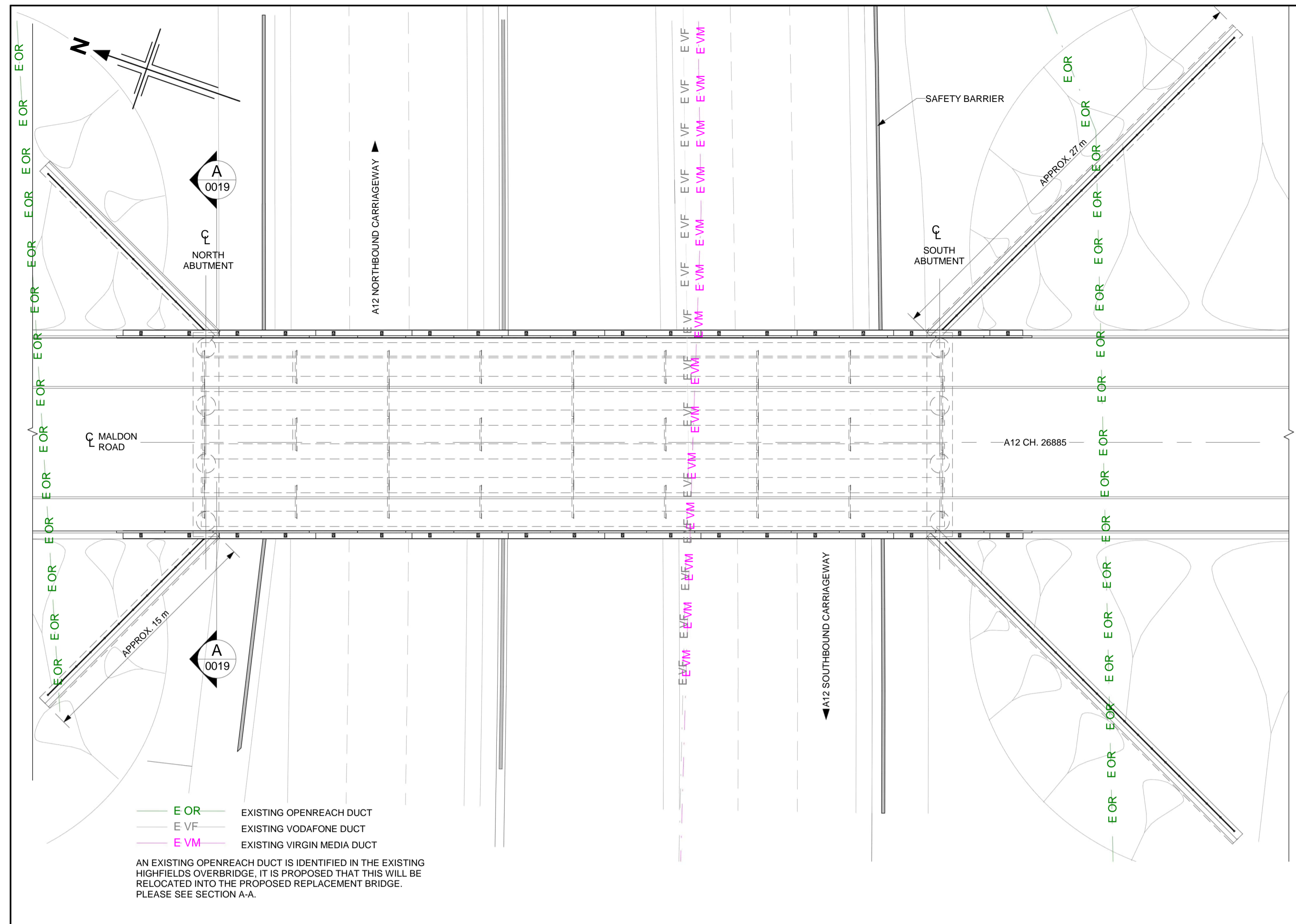


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
ASHMANS BRIDGE - WORK NO. 45(A) - CH.26370
(EXISTING STRUCTURE PHYSICAL WIDENING)
SHEET 18 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)				
Purpose of issue	DCO APPLICATION				
State Code	Preliminary	Drawing status			
Project Stage	PCF3	S4			
Scale at A1 (841x594mm)	AS SHOWN	Rev			
Jacobs No.	B36601D1	P02			
Client no.	HE551497				

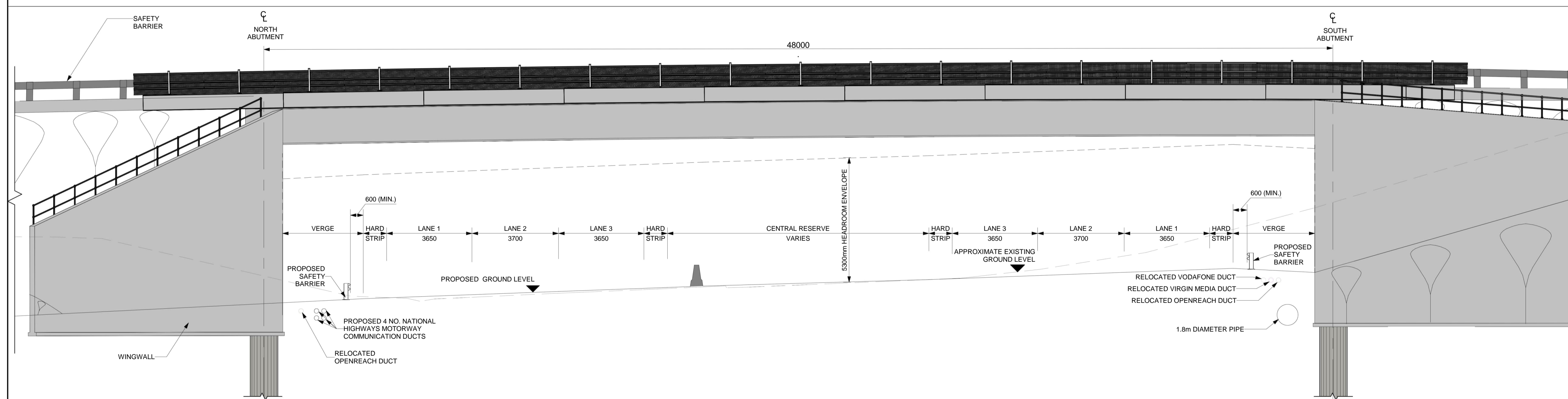
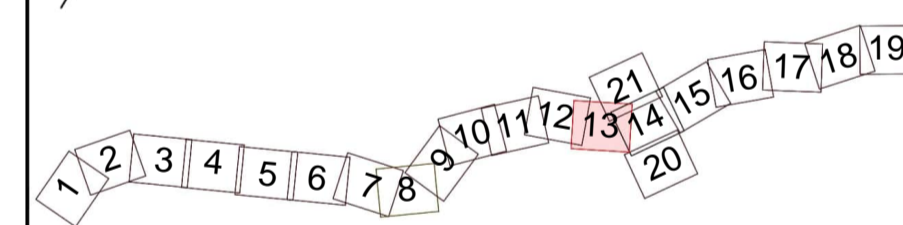
Drawing number
HE551497
Originator
JAC
Volume
LDC
Location
SCHW
Type | Role | Number
DR | S | 0018



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).

PLAN
(SCALE 1 : 200)

KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

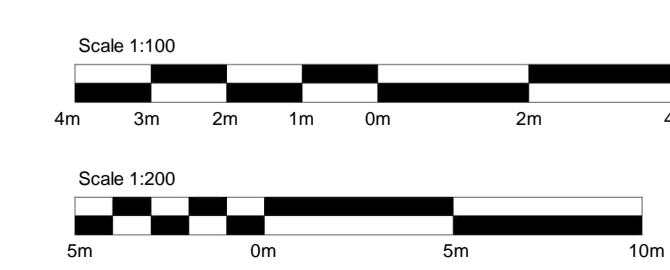
Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



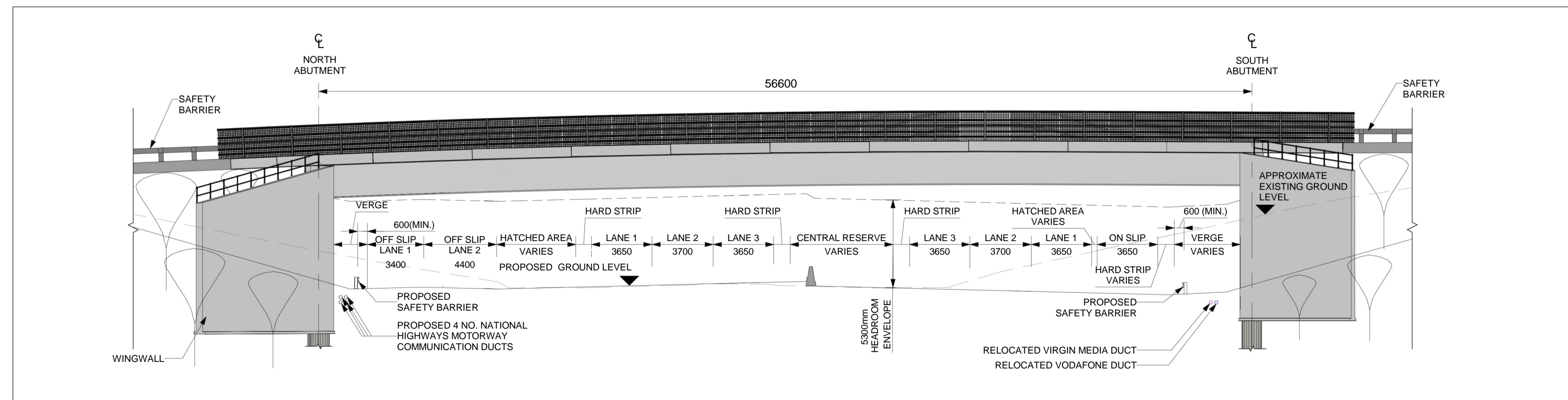
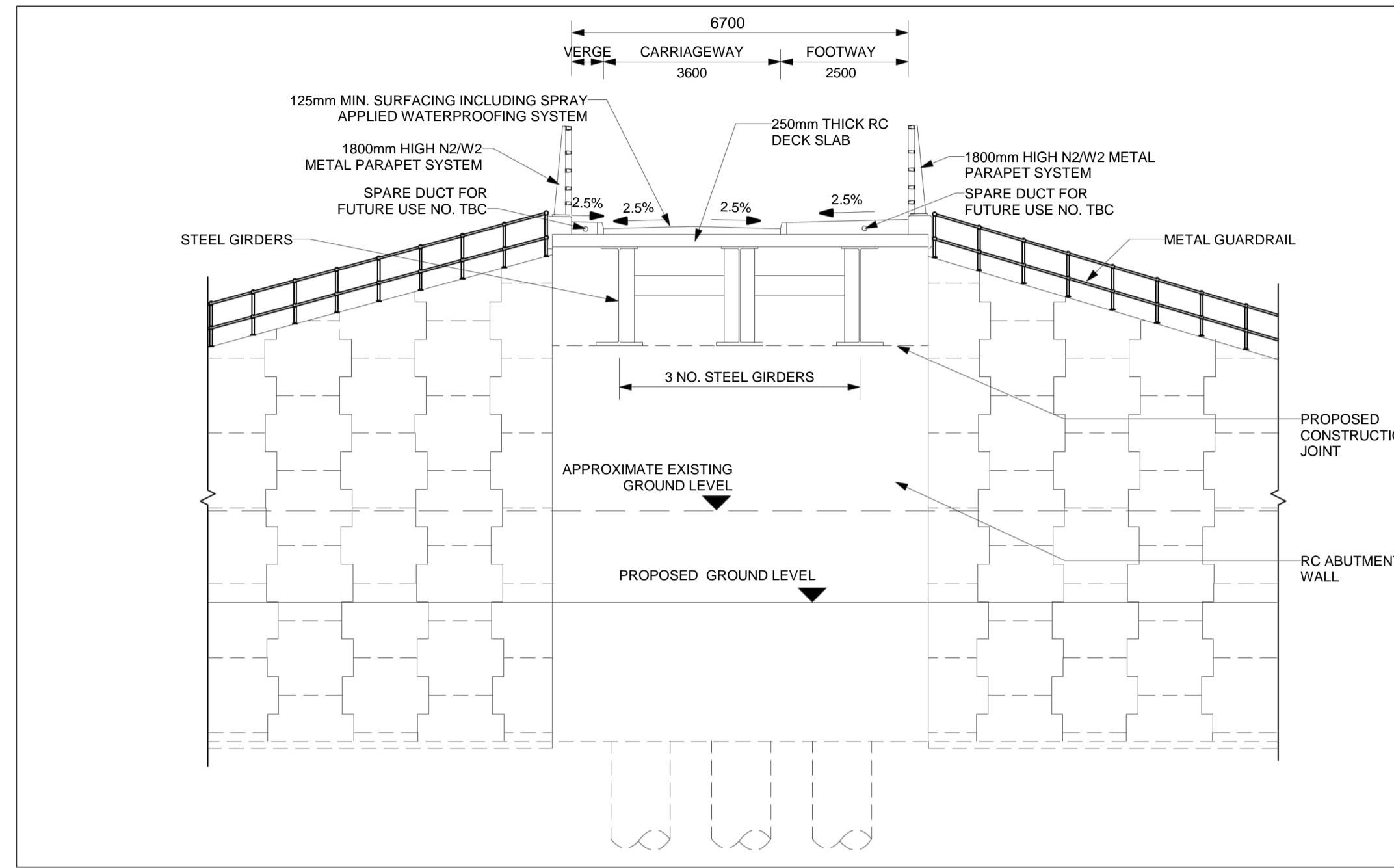
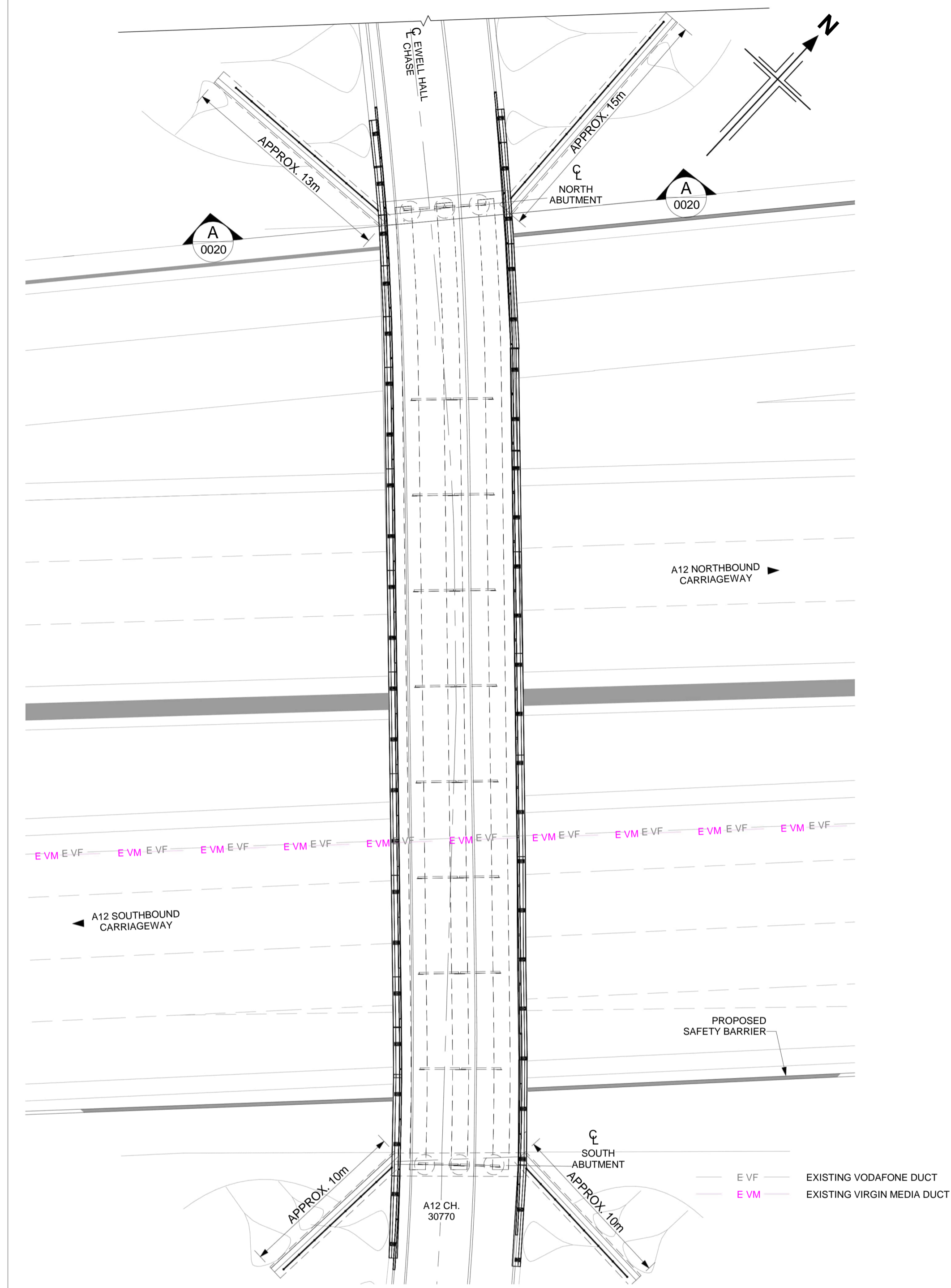
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
HIGHFIELDS OVERBRIDGE REPLACEMENT - WORK No. 55(b) - CH. 26885 (PROPOSED STRUCTURE)
SHEET 19 OF 30

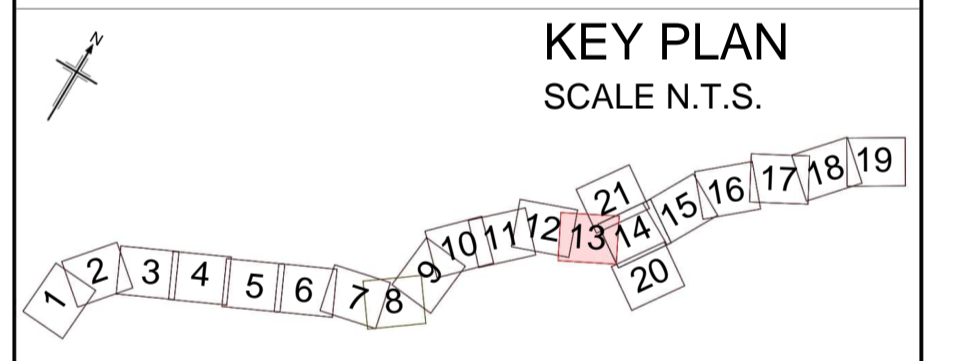
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01



Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0019



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
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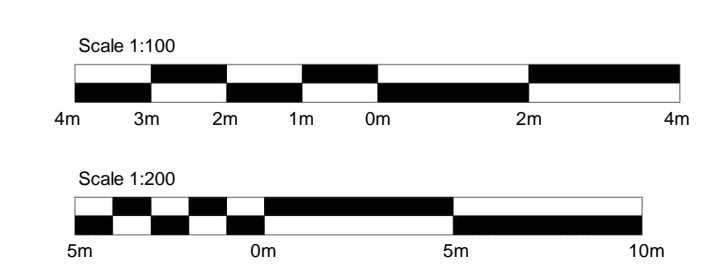
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.12			



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
EWELL OVERBRIDGE REPLACEMENT - WORK No. 76 - CH. 30770 (PROPOSED STRUCTURE)
SHEET 20 OF 30

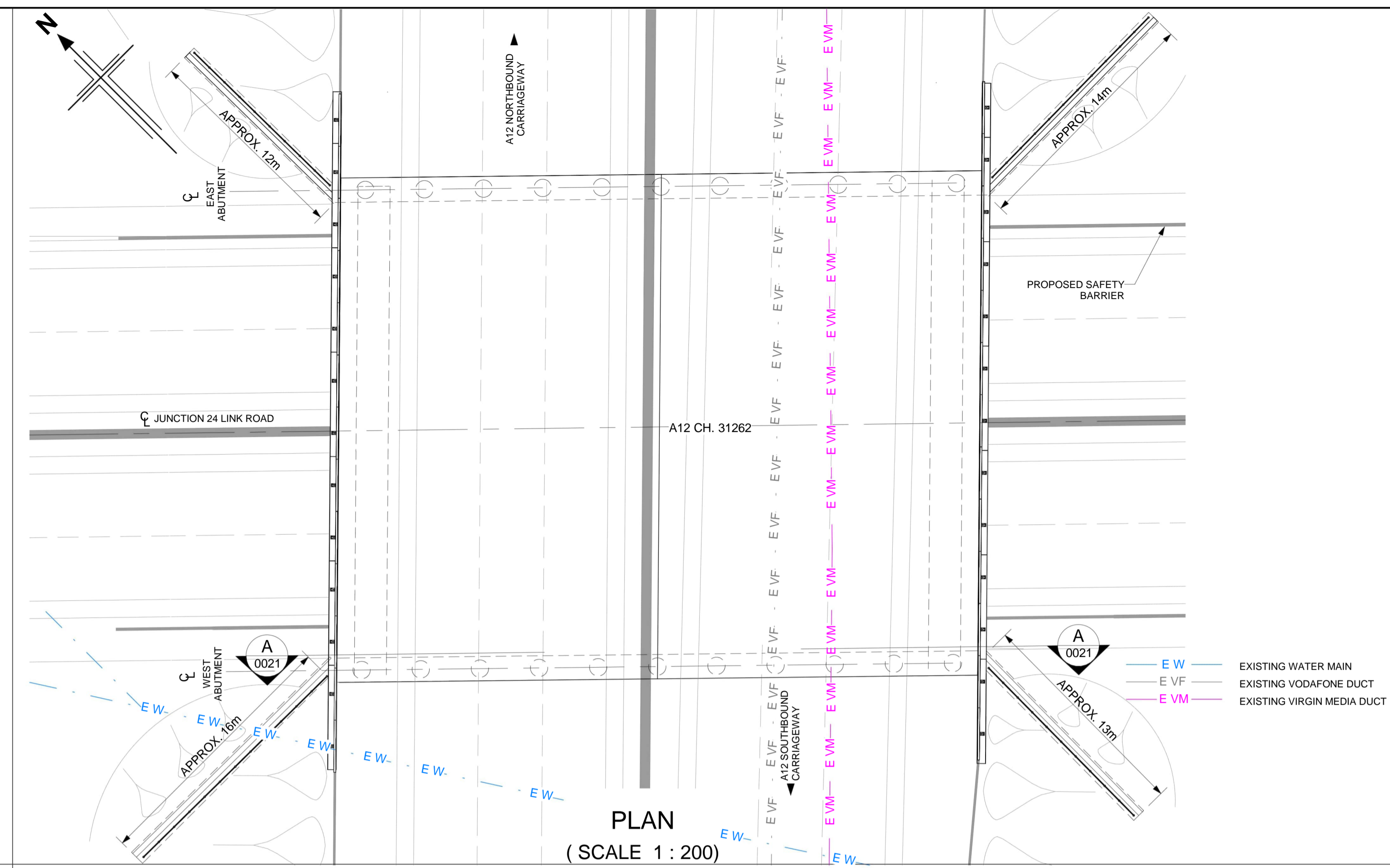
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)				
Purpose of issue	DCO APPLICATION				
State Code	Preliminary			Drawing status	
Project Stage	PCF3			S4	
Scale at A1 (841x594mm)	AS SHOWN			Rev	
Jacobs No.	B36601D1			P01	
Client no.	HE551497				



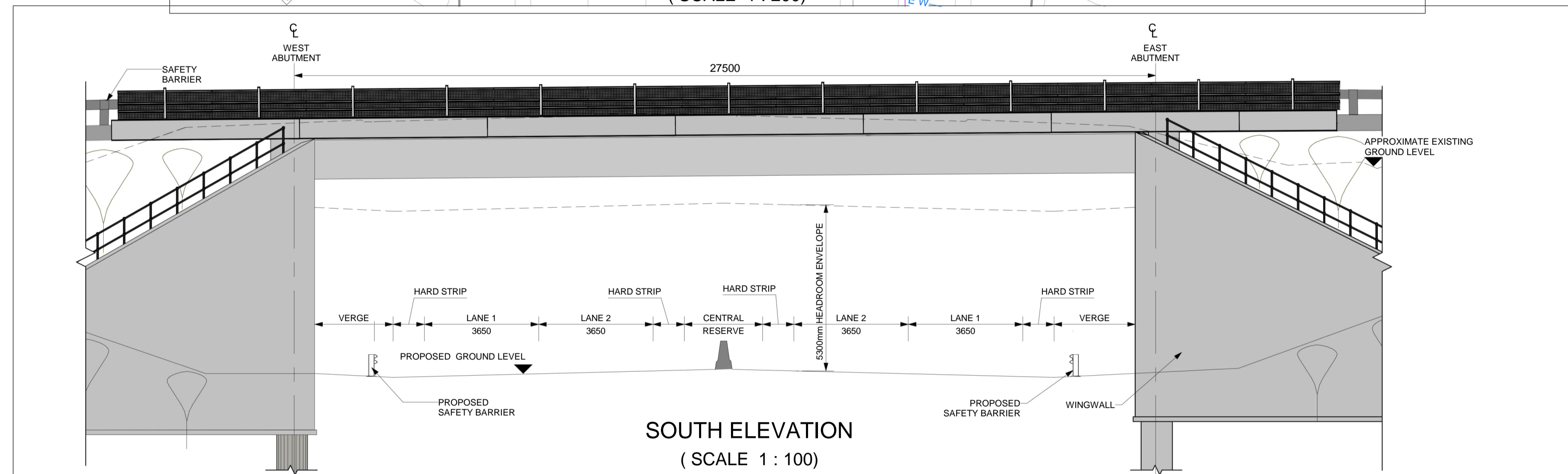
Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0020

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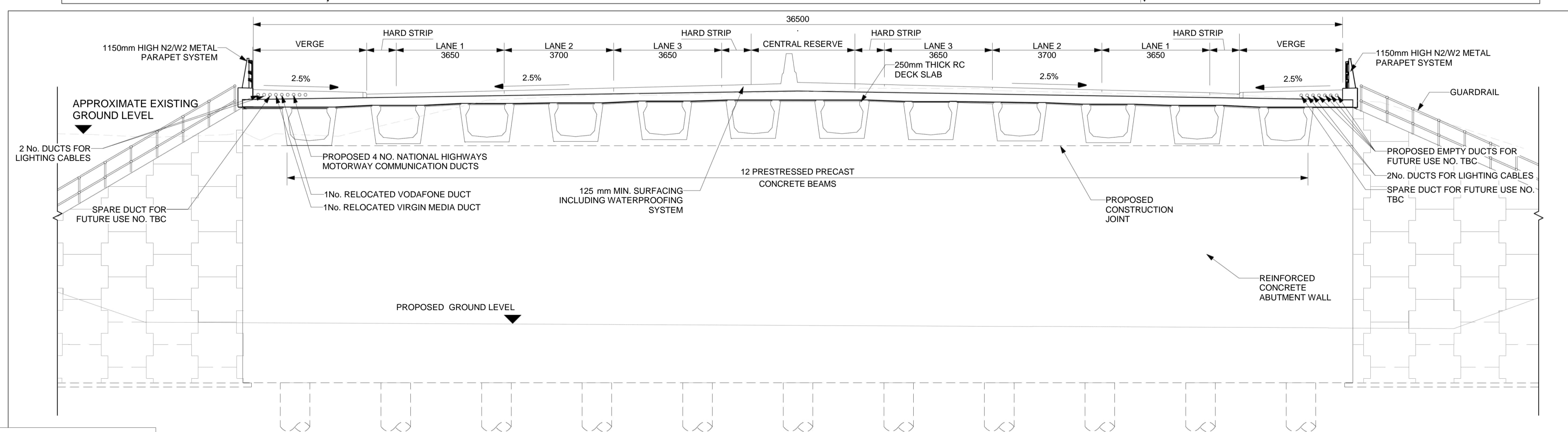
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PLAN
(SCALE 1 : 200)



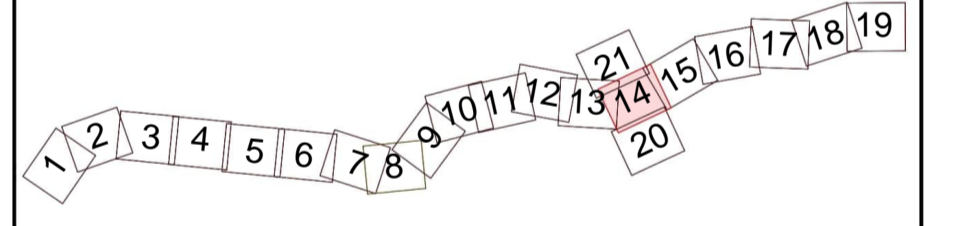
SOUTH ELEVATION
(SCALE 1 : 100)



SECTION A-A
(SCALE 1 : 100)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).

KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

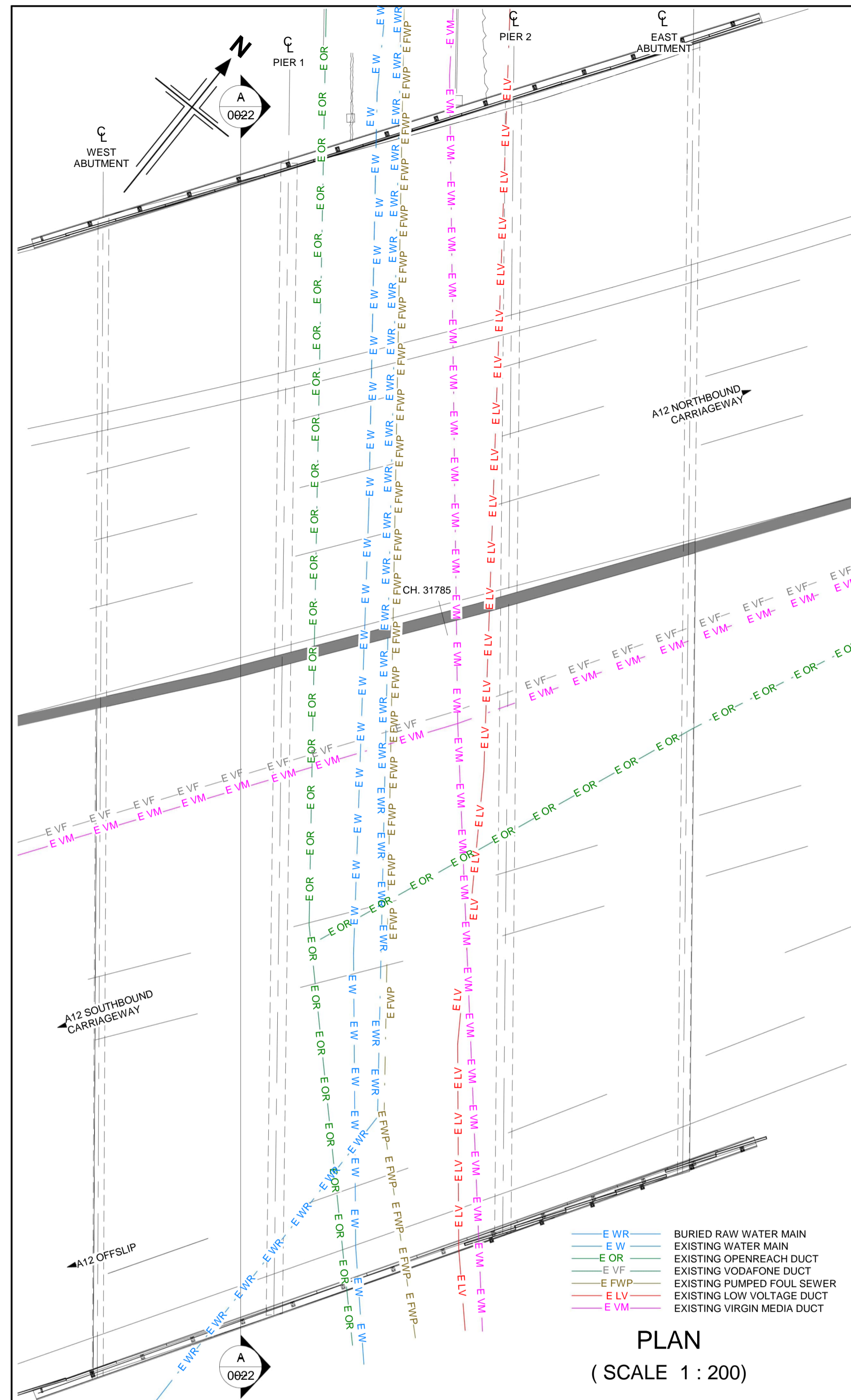
Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
NEW JUNCTION 24 UNDERBRIDGE - WORK No. 74(a) -
CH. 31262
(PROPOSED STRUCTURE)
SHEET 21 OF 30**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

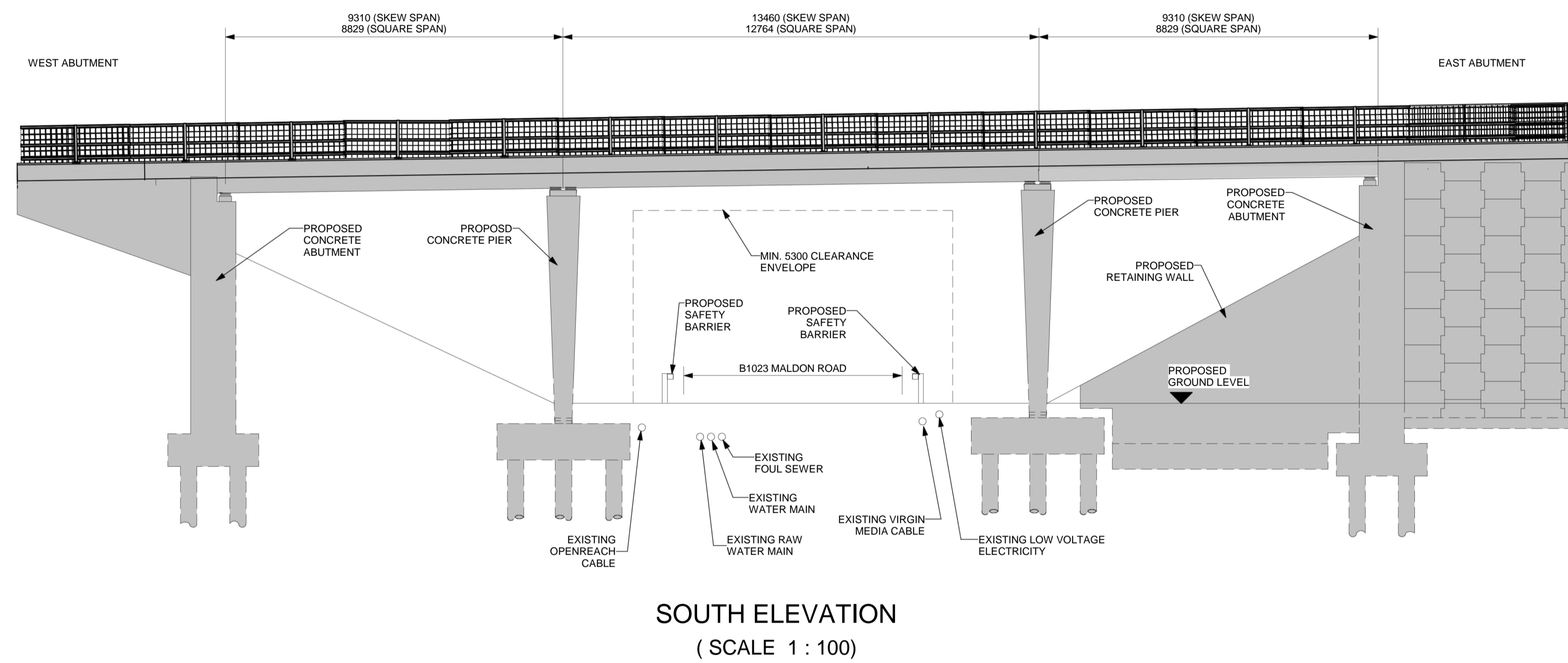
Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	SCHW	Type Role Number
		DR S 0021

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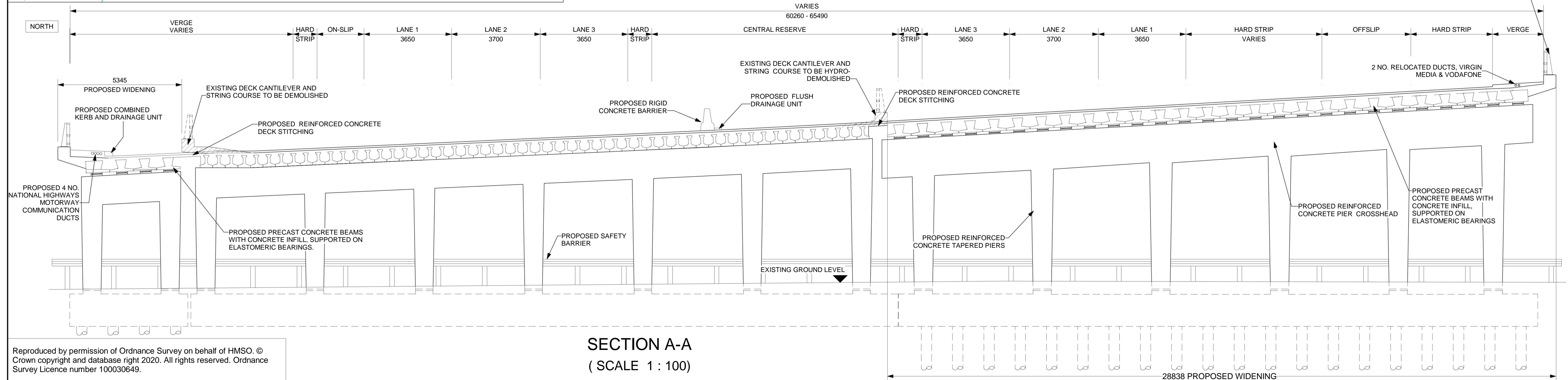
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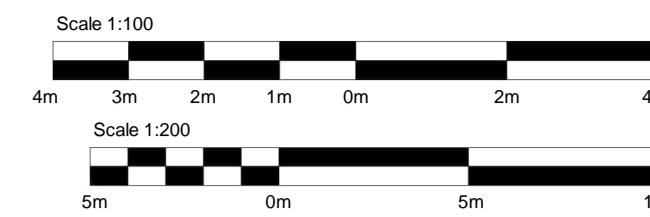
PLAN
(SCALE 1 : 200)



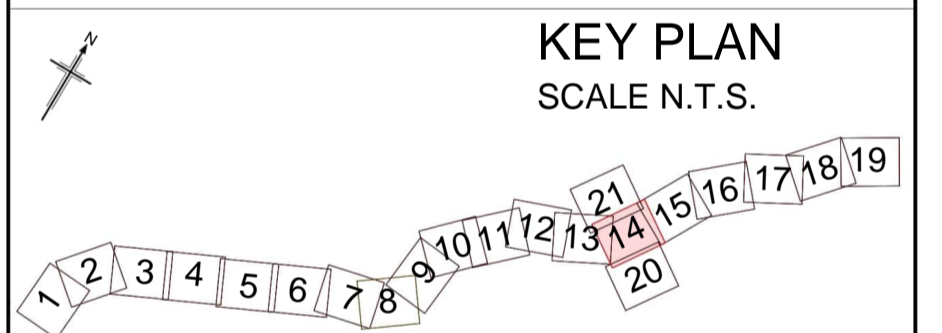
SOUTH ELEVATION
(SCALE 1 : 100)



SECTION A-A
(SCALE 1 : 100)



- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number:	TR010060	Development Consent Order Drawing Number:	TR010060/APP/2.12
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Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
PARK UNDERBRIDGE - WORK No. 45(a) & 45(b) - CH. 31785
(EXISTING STRUCTURE - PHYSICAL WIDENING)
SHEET 22 OF 30**

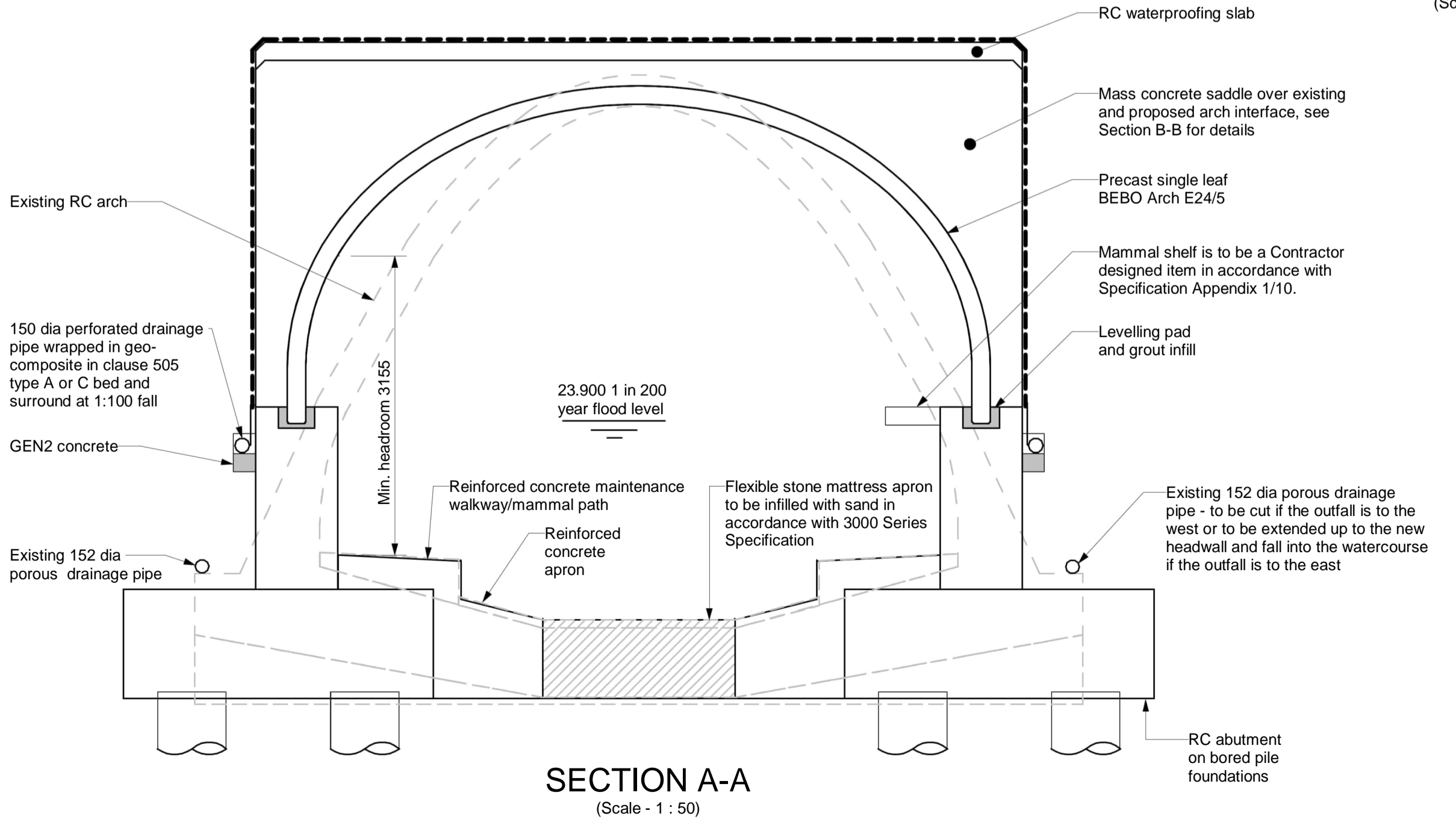
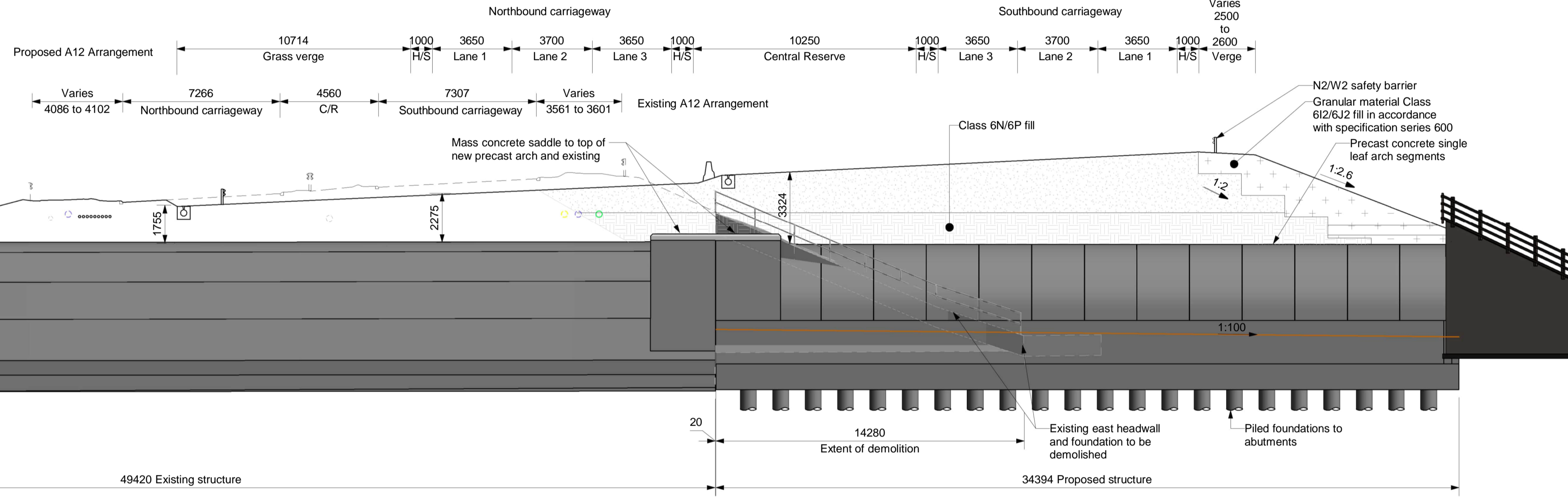
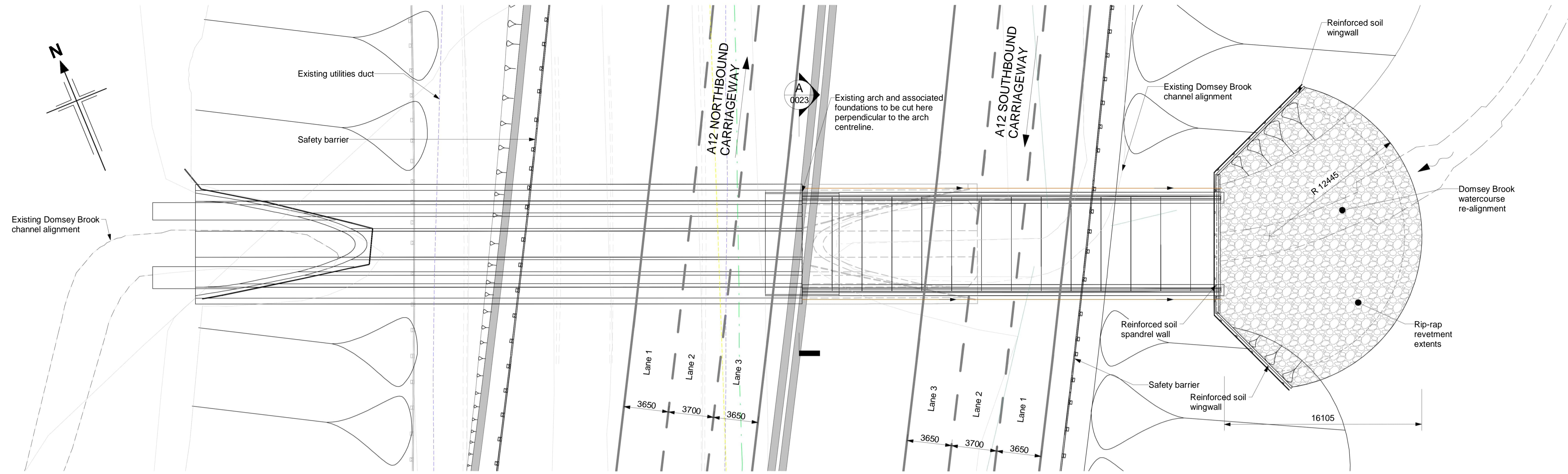
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	Rev	P01
Scale at A1 (841x594mm)	AS SHOWN		
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number	Originator	Volume
HE551497	JAC	LDC
Location	Type	Role
SCHW	DR	S
	Number	
	0022	

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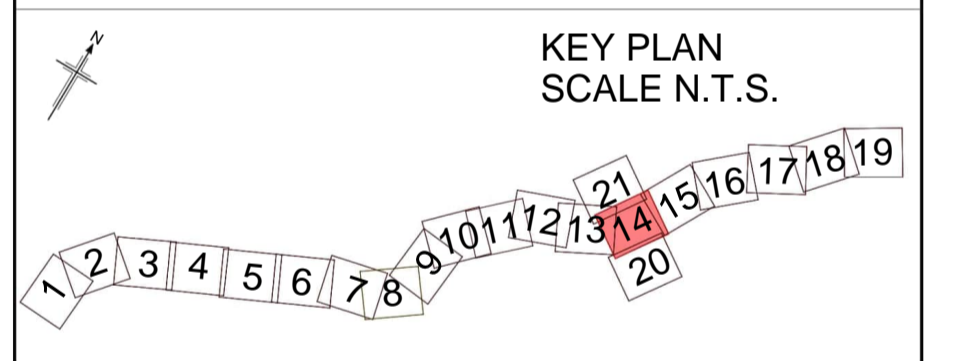
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- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).

- LEGEND:**
- Existing Virgin Media Duct
 - Existing Vodafone Duct
 - Existing Openreach Duct
 - Existing pipe to be diverted
 - Back of wall drainage



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.13

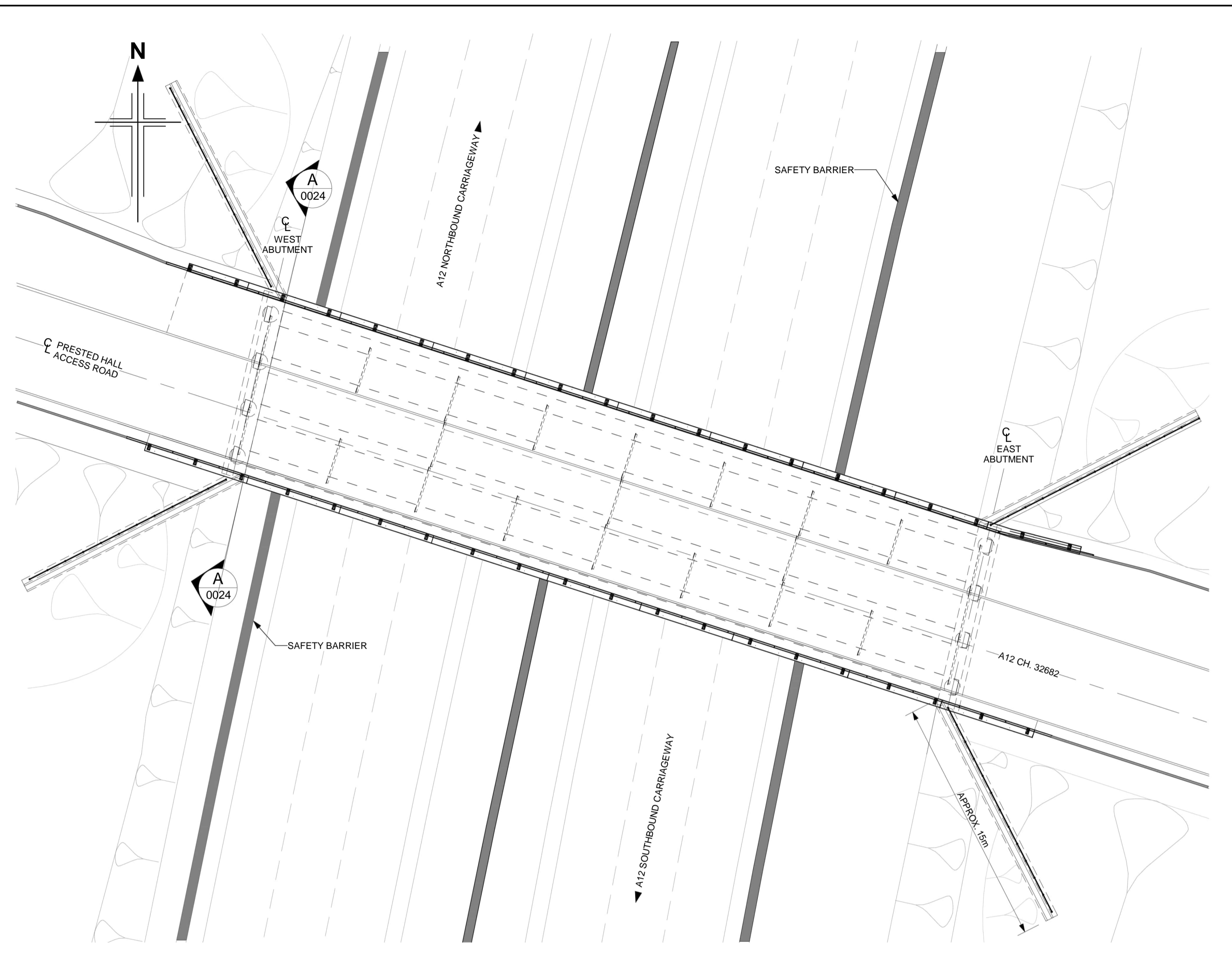


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

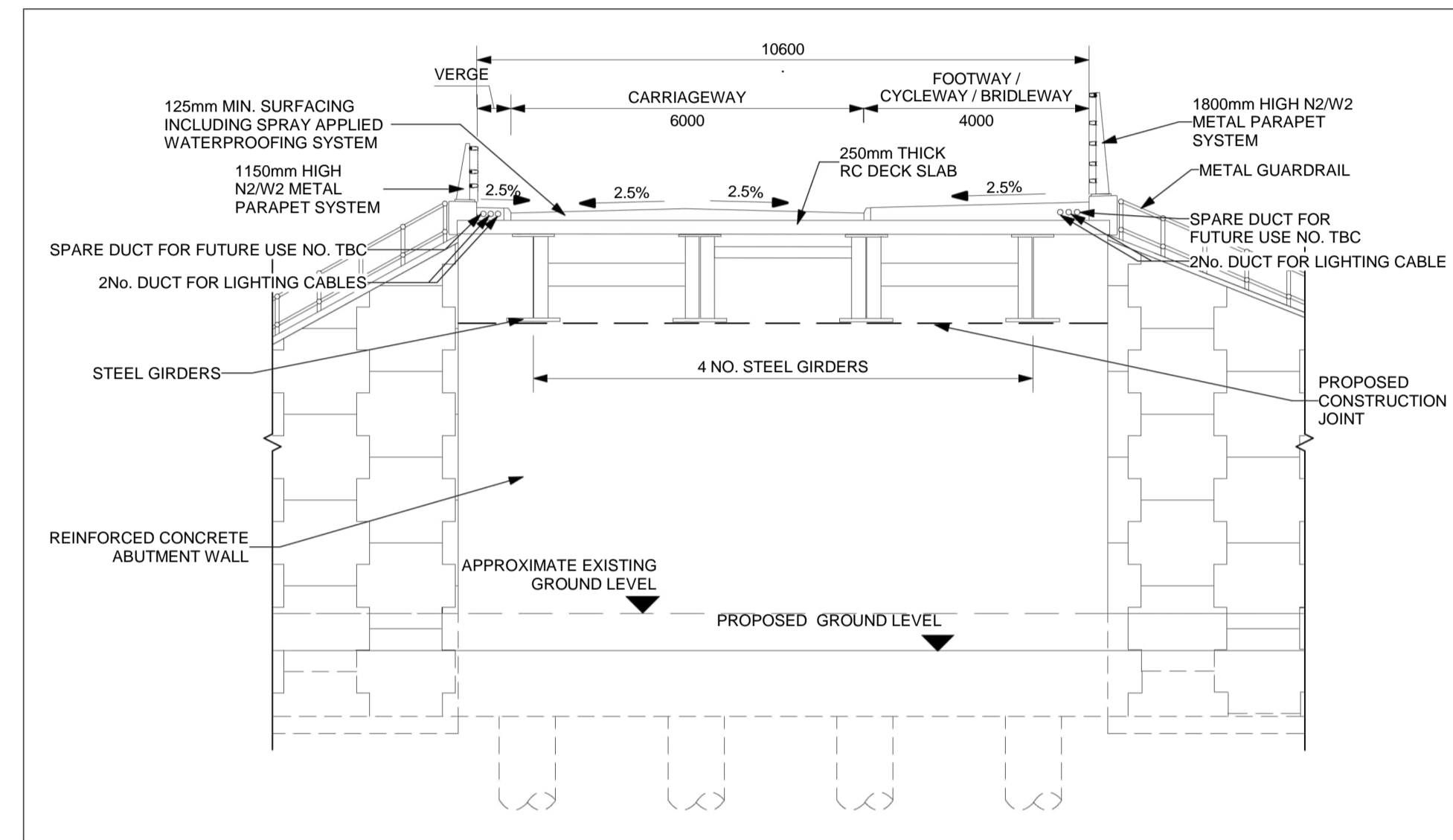
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
DOMSEY BROOK UNDERBRIDGE - WORK NO. 67
CH. 31925
(EXISTING STRUCTURE PHYSICAL WIDENING)
SHEET 23 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	
Scale at A1 (841x594mm)	AS SHOWN	S4	
Jacobs No.	B36601D1	Rev	P02
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0023

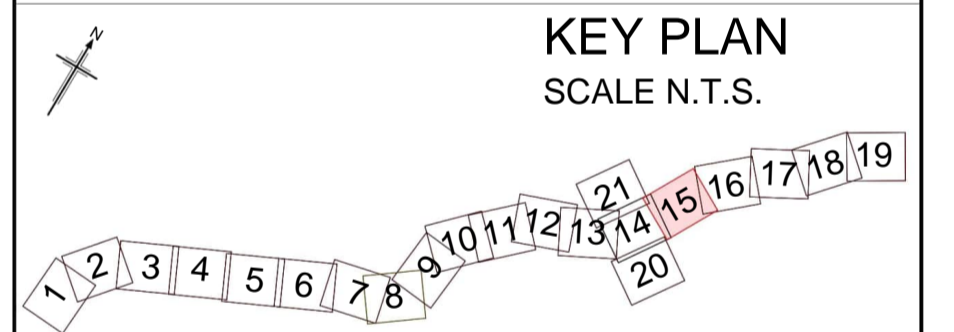


PLAN
(SCALE 1 : 200)

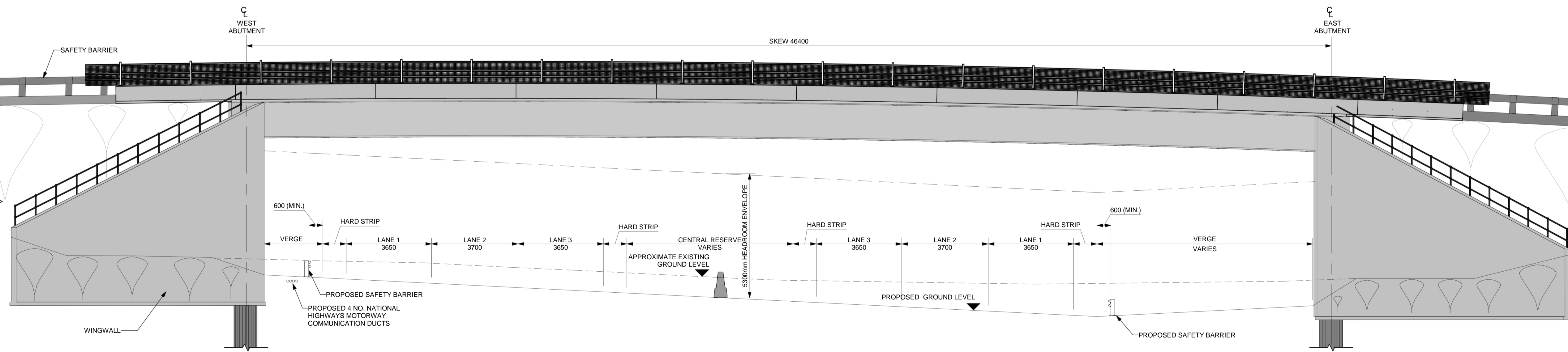


SECTION A-A
(SCALE 1 : 100)

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



KEY PLAN
SCALE N.T.S.



SOUTH ELEVATION
(SCALE 1 : 100)

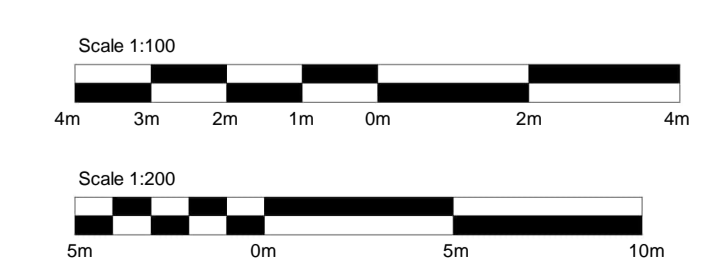
Rev	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
PRESTED HALL OVERBRIDGE - WORK No. 79(b) - CH. 32682
(PROPOSED STRUCTURE)
SHEET 24 OF 30

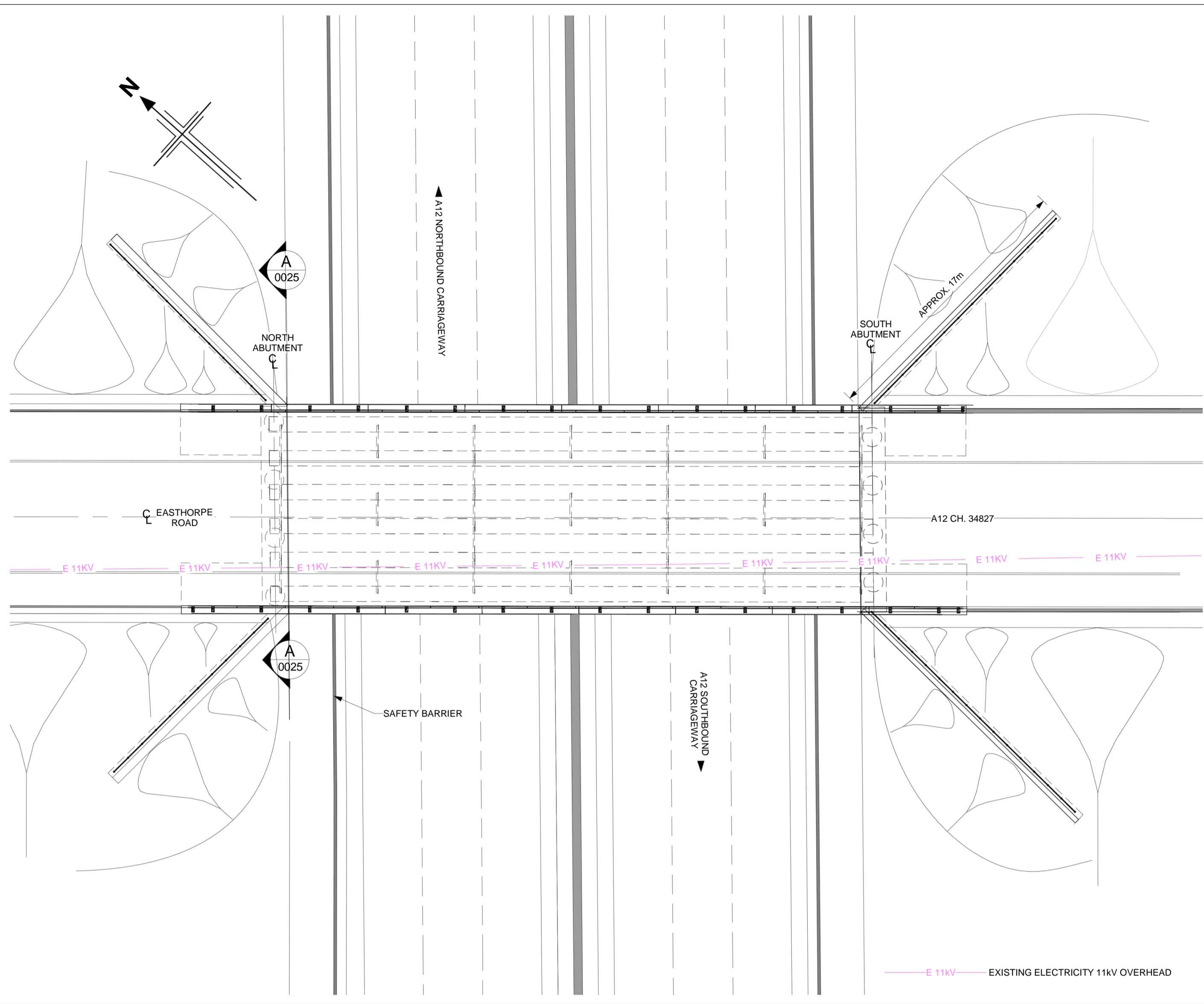
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	Drawing status
Project Stage	PCF3	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev
Jacobs No.	B36601D1	P01
Client no.	HE551497	



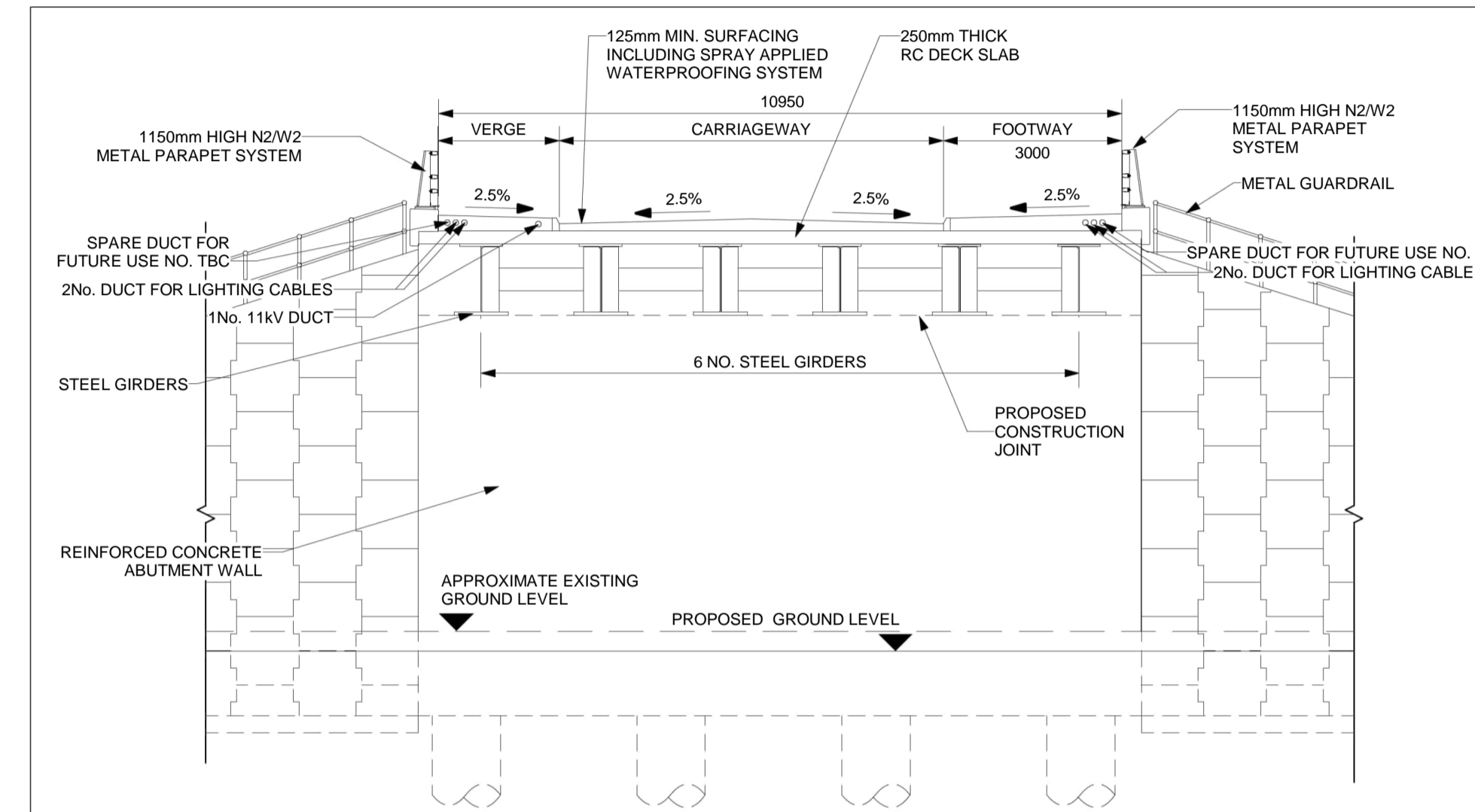
Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0024

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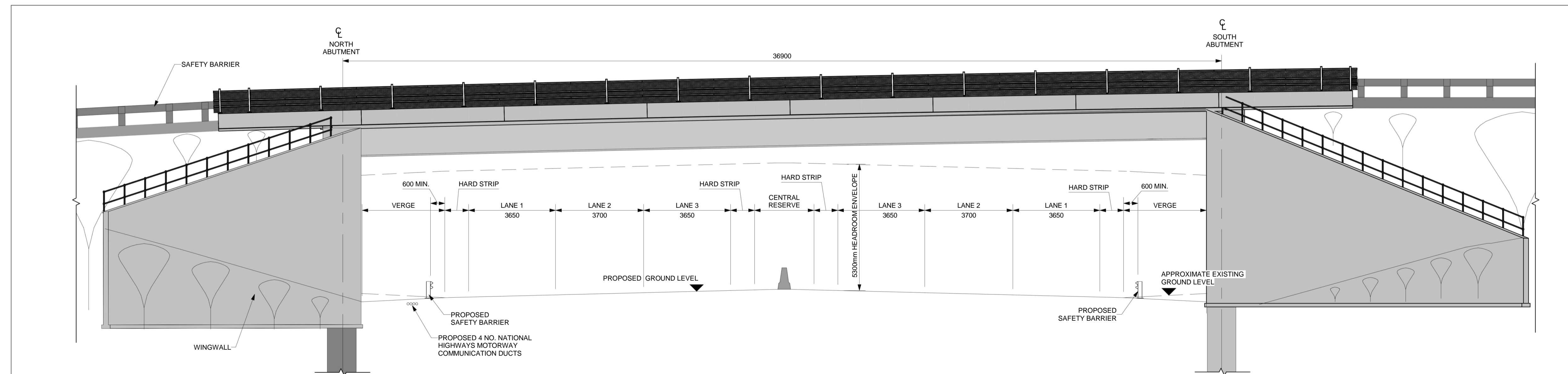
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PLAN
(SCALE 1 : 200)

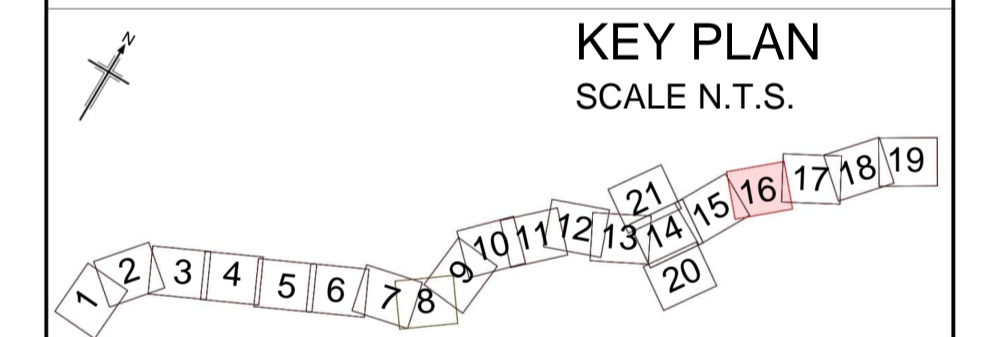


SECTION A-A
(SCALE 1 : 100)



WEST ELEVATION
(SCALE 1 : 100)

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number: TR010060		Development Consent Order Drawing Number: TR010060/APP/2.12	
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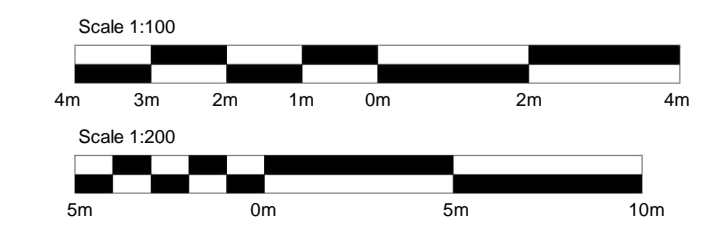


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
EASTHORPE ROAD OVERBRIDGE - WORK No. 88(c) -
CH. 34827
(PROPOSED STRUCTURE)
SHEET 25 OF 30**

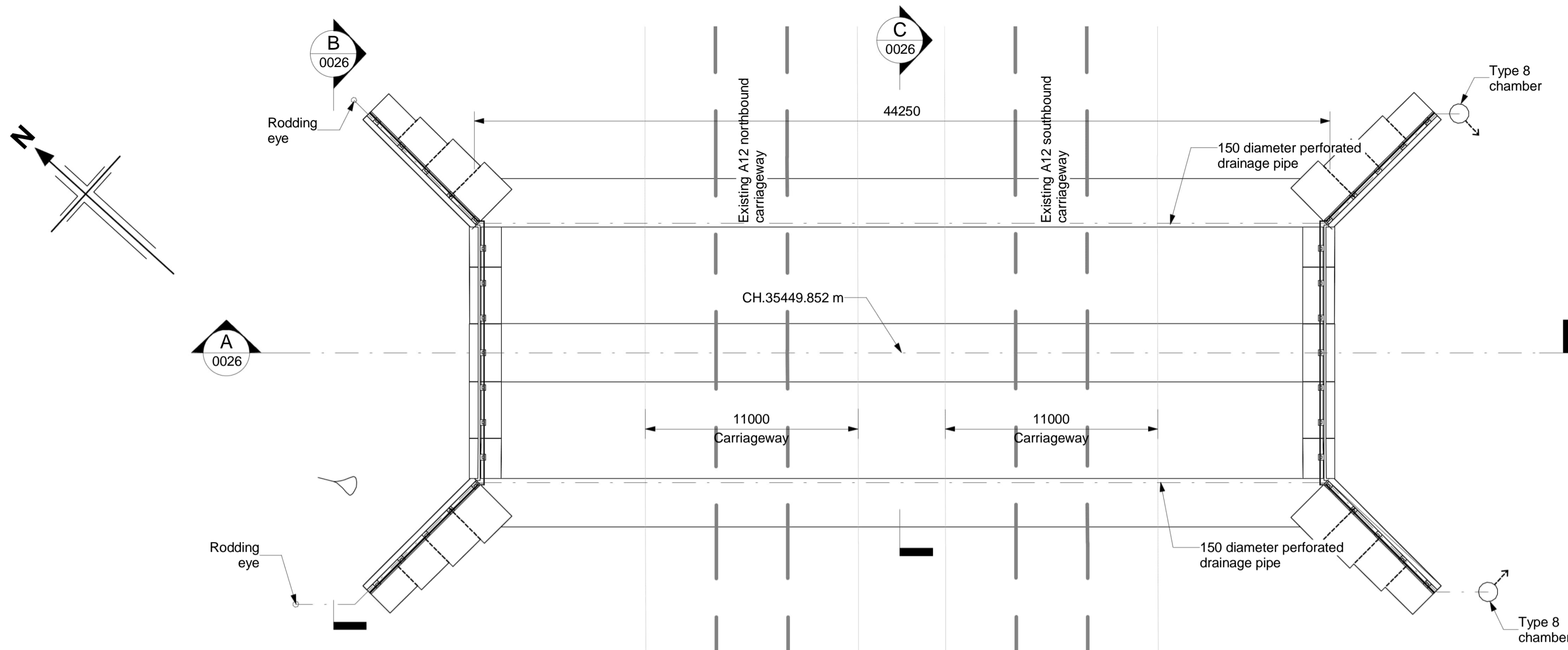
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0025

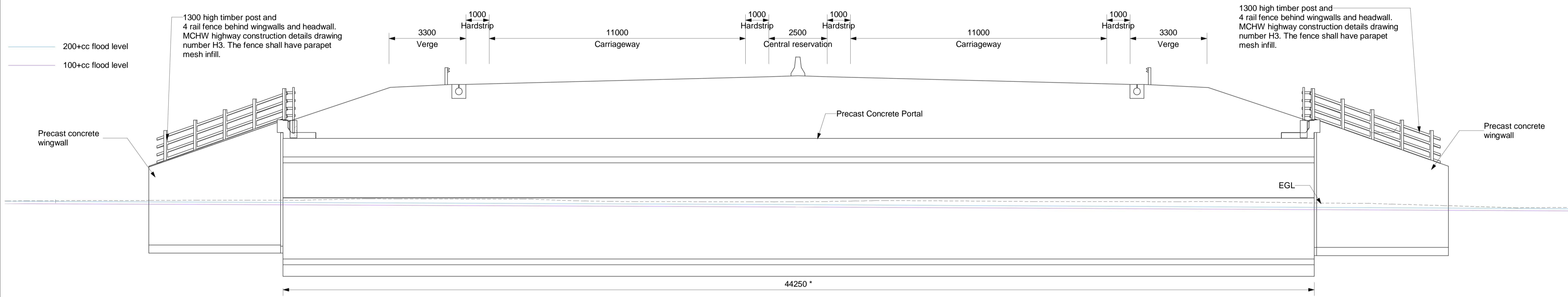


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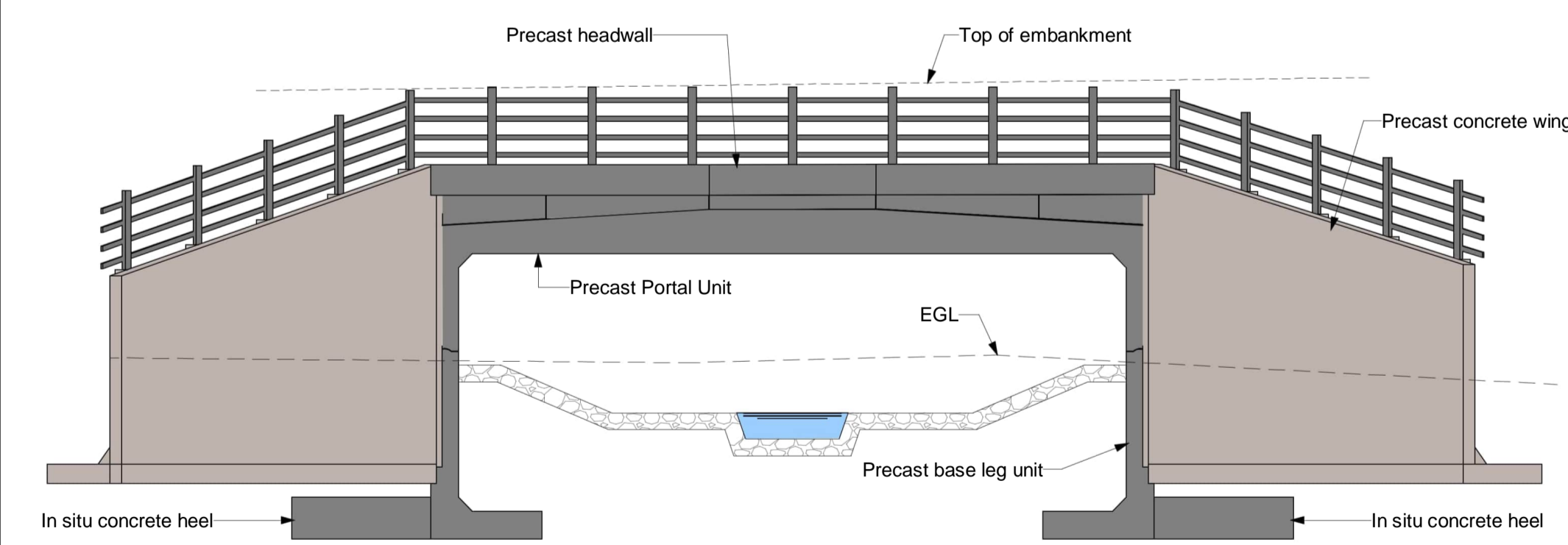


PLAN
(Scale - 1 : 200)

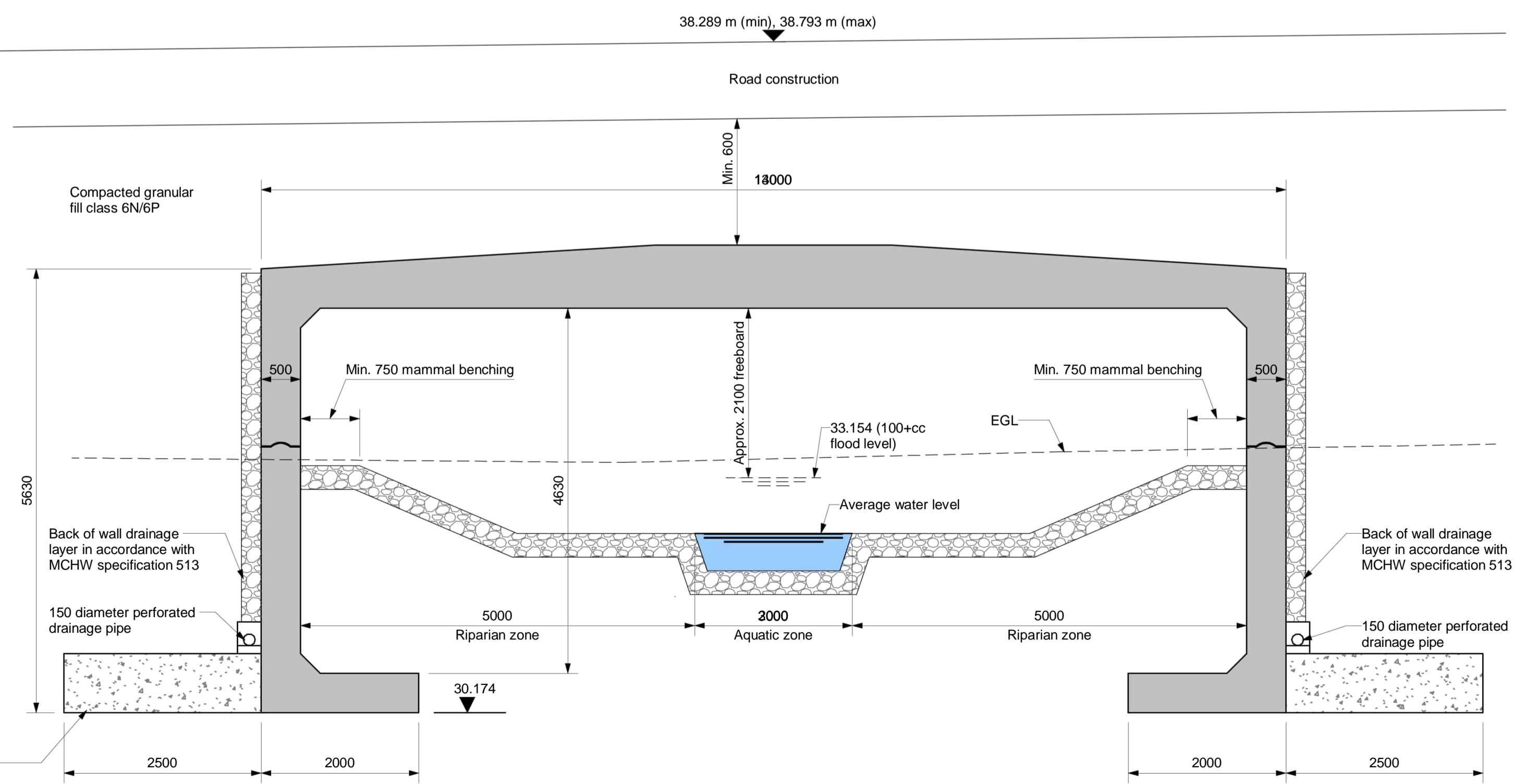


SECTION A-A
(Scale - 1 : 100)

* Structure overall length can be potentially reduced by approximately 3.6m (total 7.2m) from both sides to improve day light conditions inside. The heights of wingwalls and headwalls at both ends shall be increased by approximately 1.2m to accommodate highway embankment. Wingwall extents are also expected to increase.

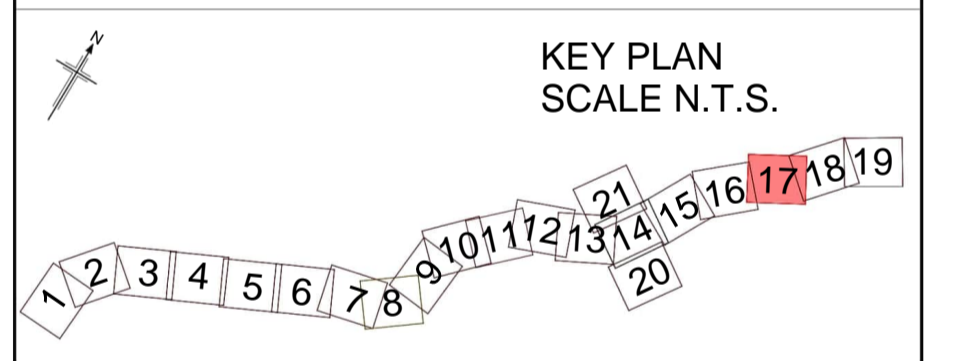


ELEVATION B-B
(Scale - 1 : 100)



SECTION C-C
(Scale - 1 : 50)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DESIGN SHOWN ON THE STRUCTURES ENGINEERING DRAWINGS AND SECTIONS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE WITHIN THE ORDER LIMITS AND SUBJECT TO THE PROVISIONS OF THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1).



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT

Development Consent Order Number:	TR010060	Development Consent Order Number:	TR010060/APP/2.13
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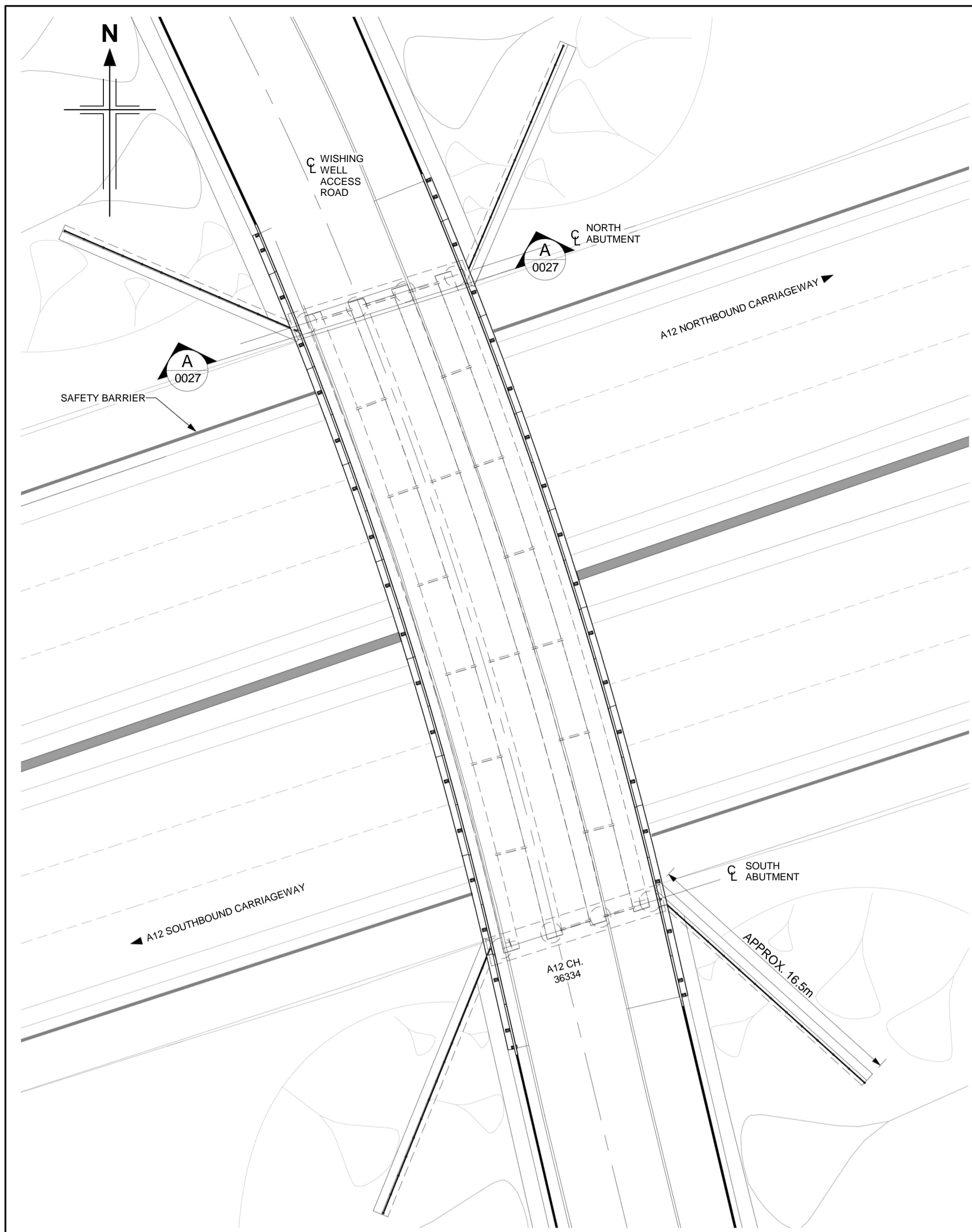


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

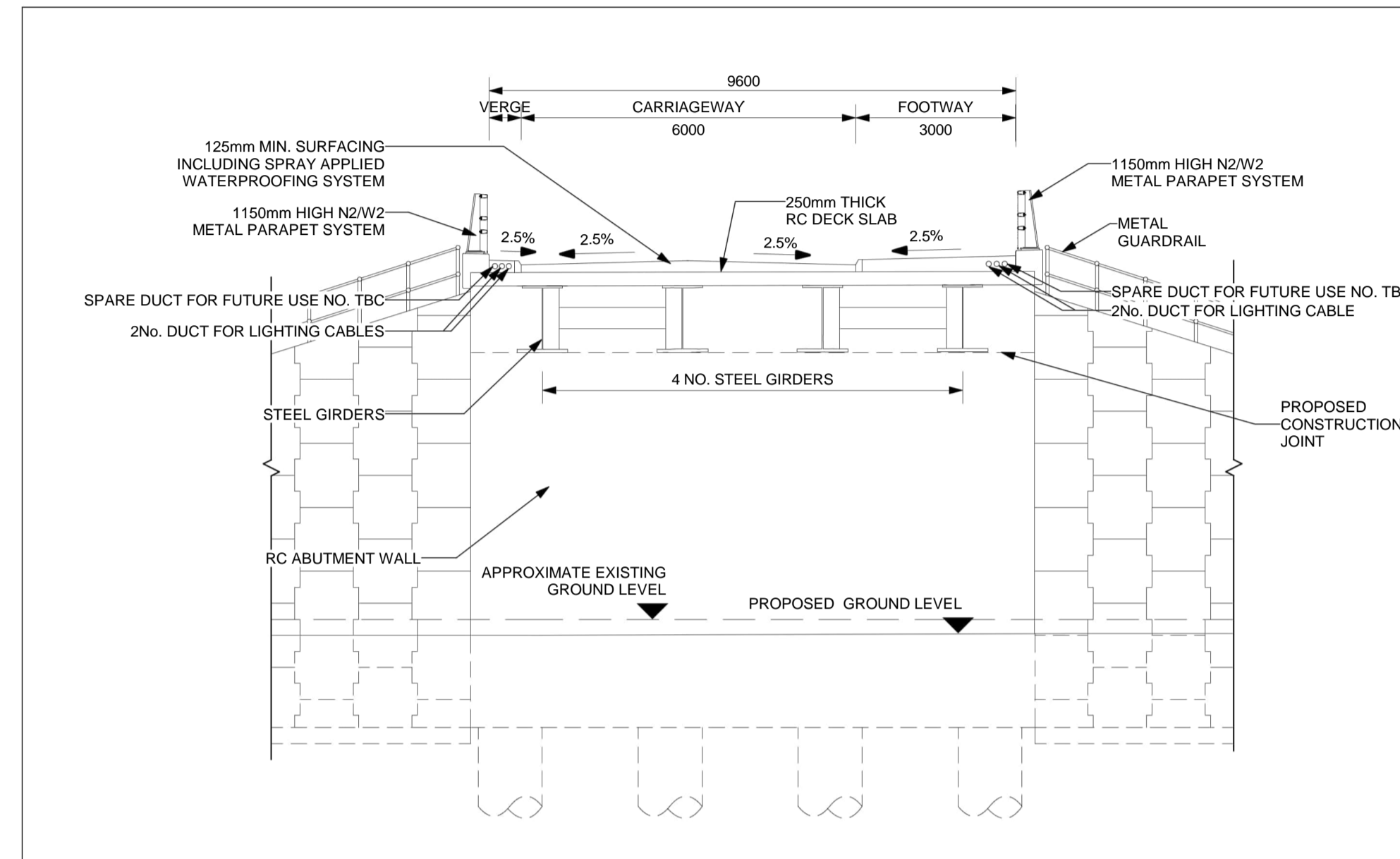
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
DOMSEY BROOK EAST CULVERT - WORK No. 92 - (PROPOSED STRUCTURE)
SHEET 26 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	HE551497
Originator	JAC
Volume	LDC
Location	SCHW
Type	DR
Role	S
Number	0026

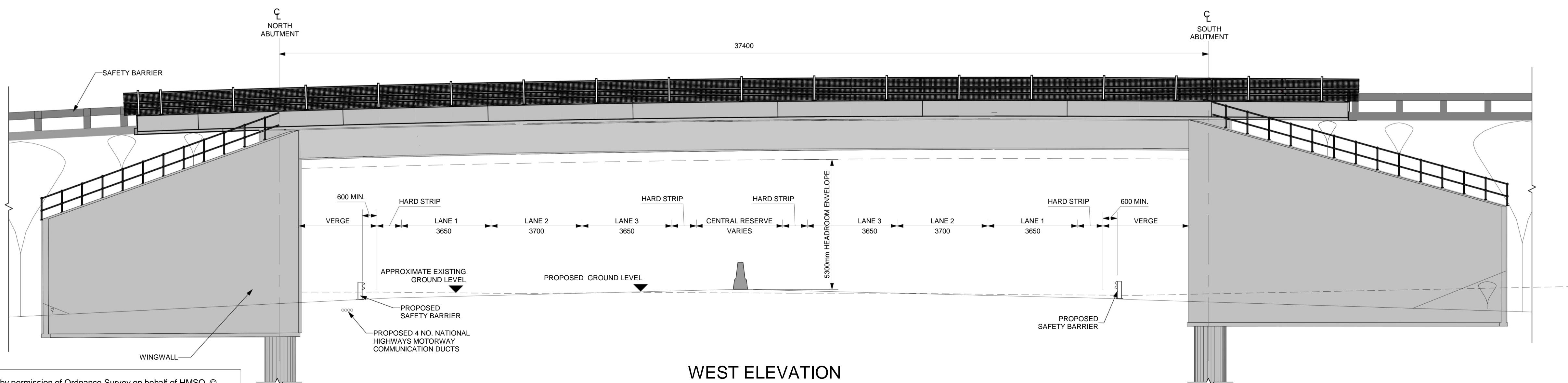
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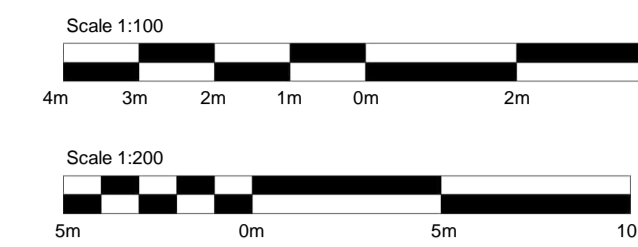
PLAN
(SCALE 1 : 200)



SECTION A-A
(SCALE 1 : 100)

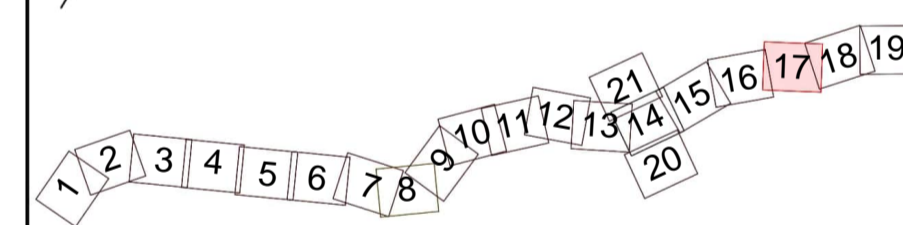


WEST ELEVATION
(SCALE 1 : 100)



- NOTES:
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KEY PLAN
SCALE N.T.S.



P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

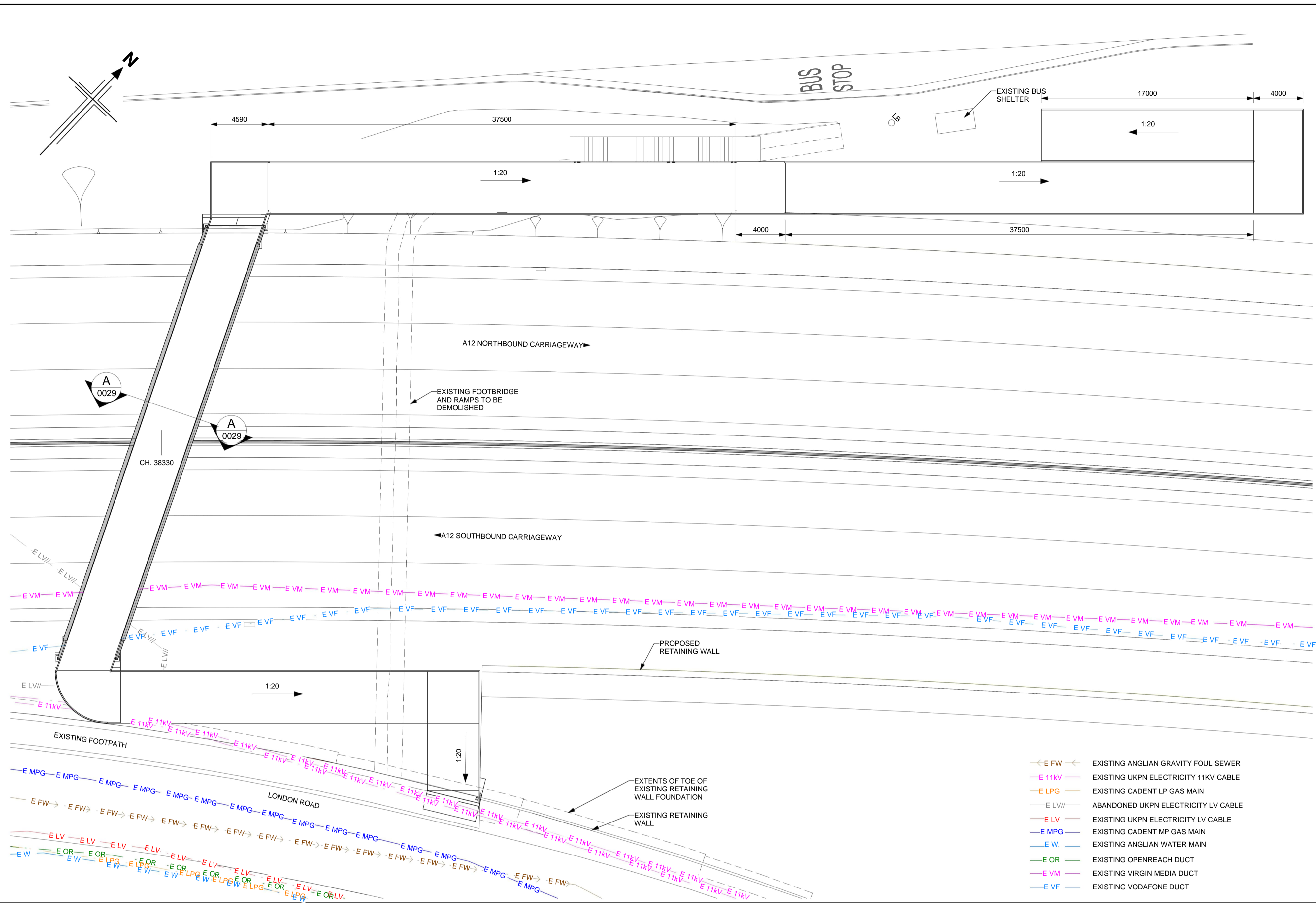
Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
WISHING WELL OVERBRIDGE - WORK No. 94(c) - CH. 36334
(PROPOSED STRUCTURE)
SHEET 27 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	
Location	SCHW	Type	Role
		DR	Number
			S 0027

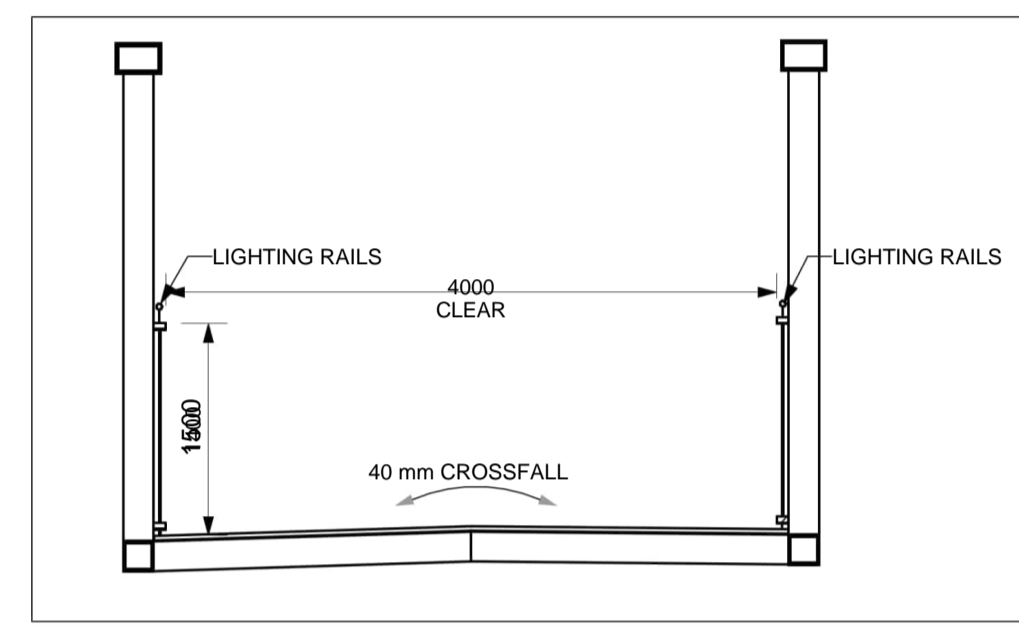
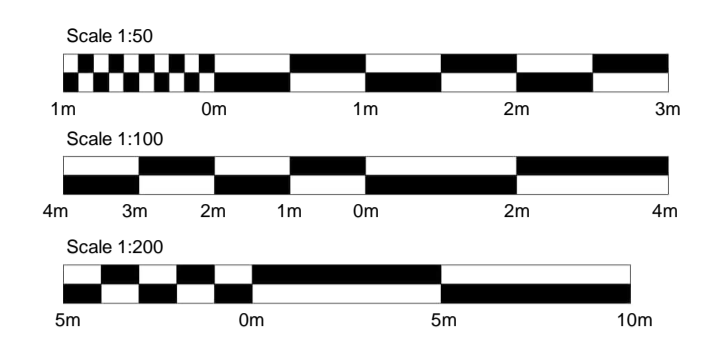
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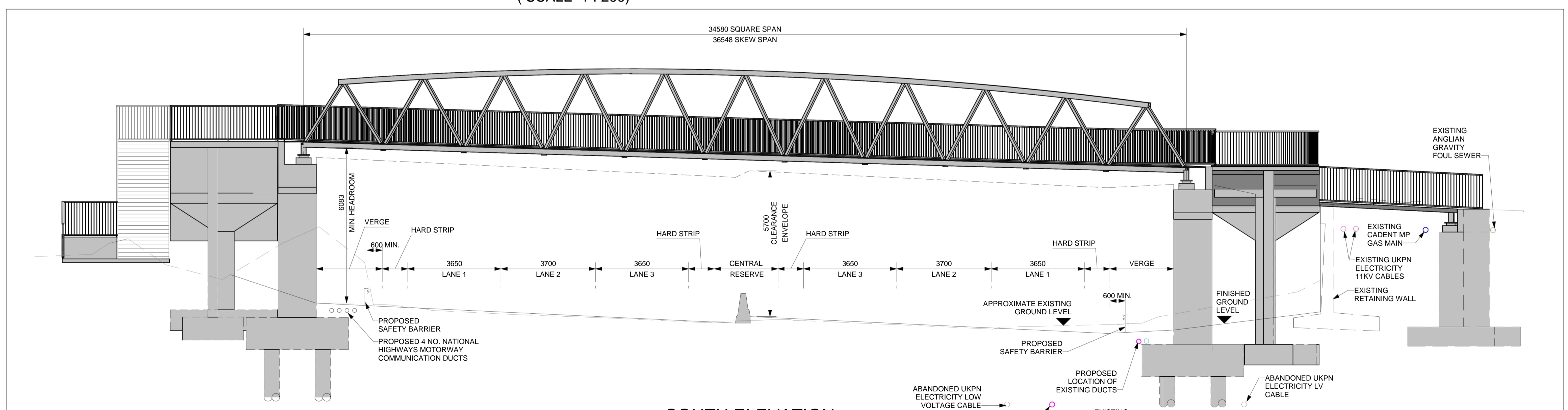


PLAN
(SCALE 1 : 200)

- E FW -> EXISTING ANGLIAN GRAVITY FOUL SEWER
- E 11KV -> EXISTING UKPN ELECTRICITY 11KV CABLE
- E LPG -> EXISTING CADENT LP GAS MAIN
- E LVII -> ABANDONED UKPN ELECTRICITY LV CABLE
- E LV -> EXISTING UKPN ELECTRICITY LV CABLE
- E MPG -> EXISTING CADENT MP GAS MAIN
- E W -> EXISTING ANGLIAN WATER MAIN
- E OR -> EXISTING OPENREACH DUCT
- E VM -> EXISTING VIRGIN MEDIA DUCT
- E VF -> EXISTING VODAFONE DUCT



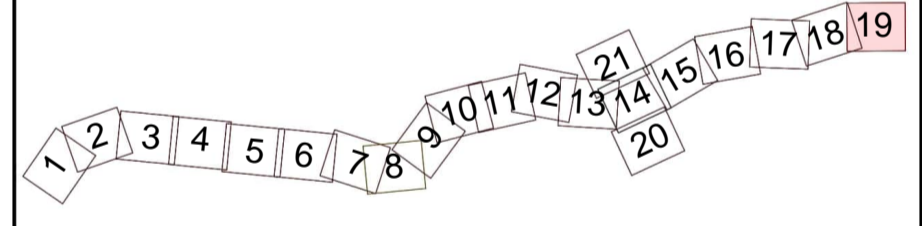
SECTION A-A
(SCALE 1 : 50)



SOUTH ELEVATION
(SCALE 1 : 100)

- NOTES:
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KEY PLAN
SCALE N.T.S.



P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.12



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
MARKS TEY REPLACEMENT BRIDGE - WORK No. 112 - CH. 38330 (PROPOSED STRUCTURE)
SHEET 29 OF 30

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)				
Purpose of issue	DCO APPLICATION				
State Code	Preliminary				
Project Stage	PCF3	Drawing status			S4
Scale at A1 (841x594mm)	AS SHOWN				
Jacobs No.	B36601D1	Rev			P01
Client no.	HE551497				

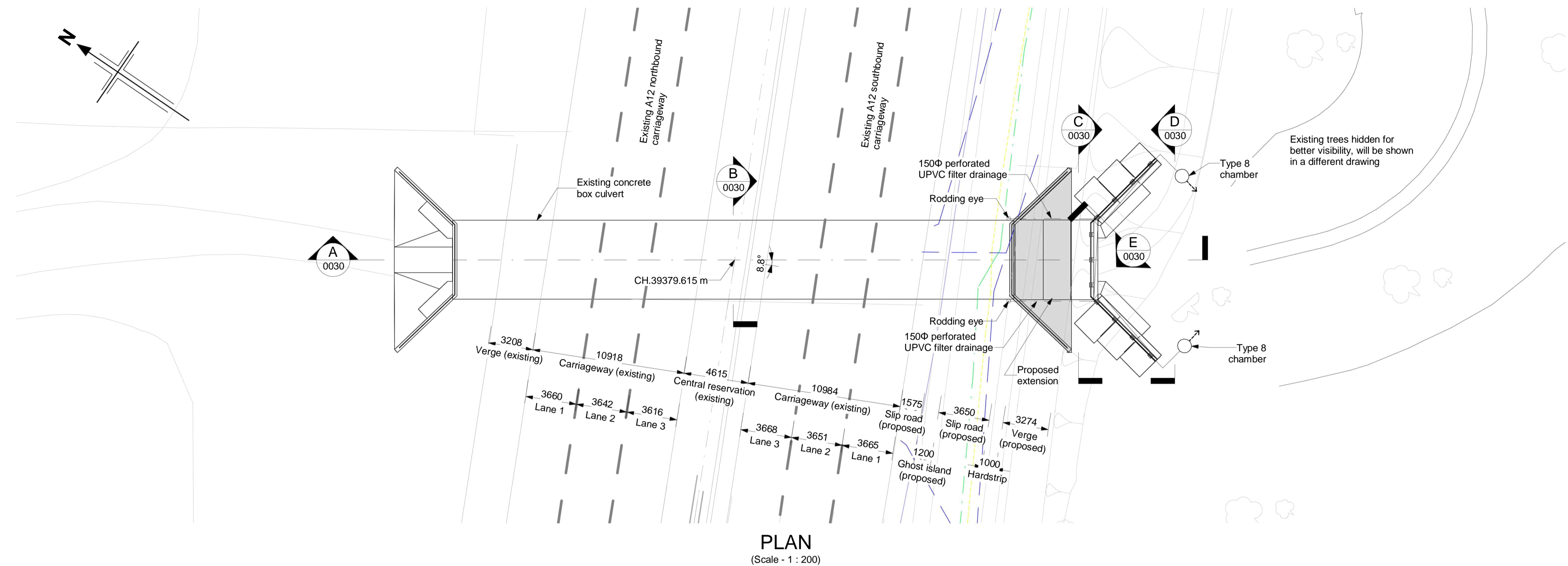
Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0029

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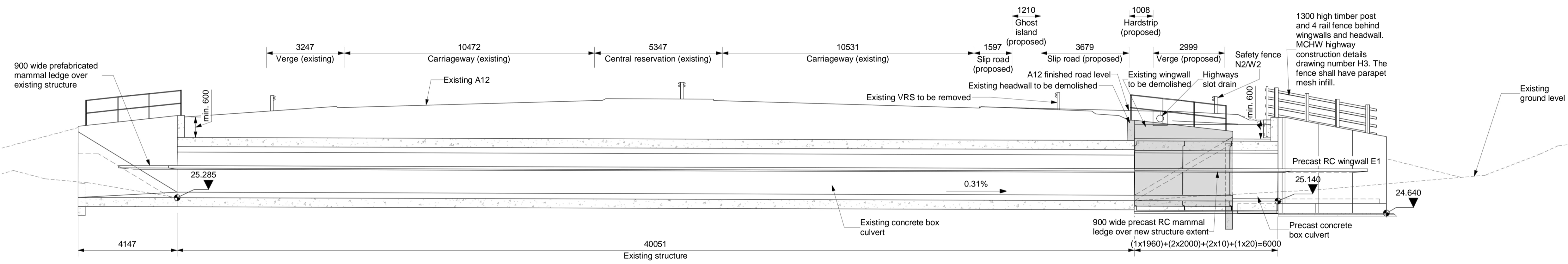
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Autodesk Docs://UK-HE51497-Highways England-A12 Chelmsford to A120/HE51497-JAC-SBR-5_SSE_NS5849-M3-S-0001.rvt

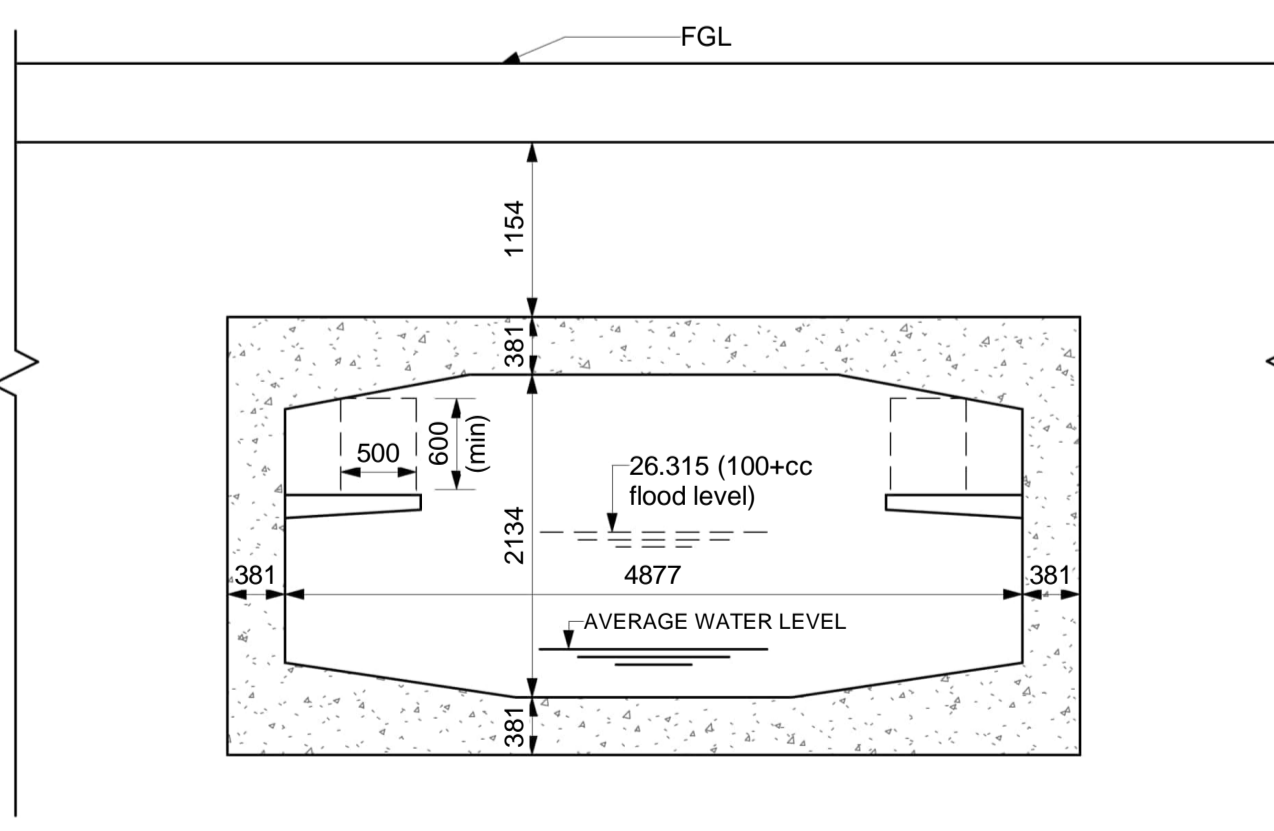
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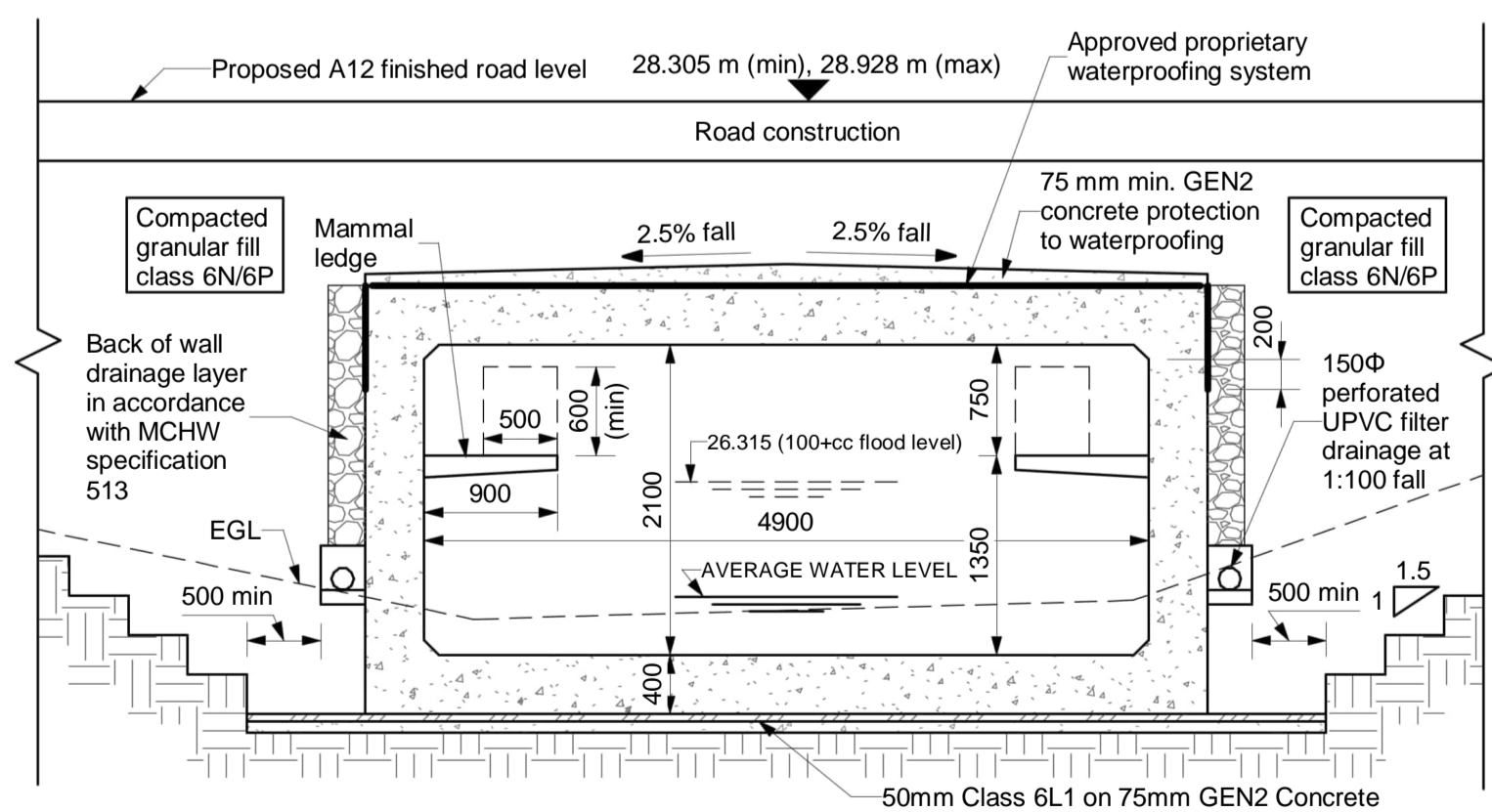
PLAN
(Scale - 1 : 200)



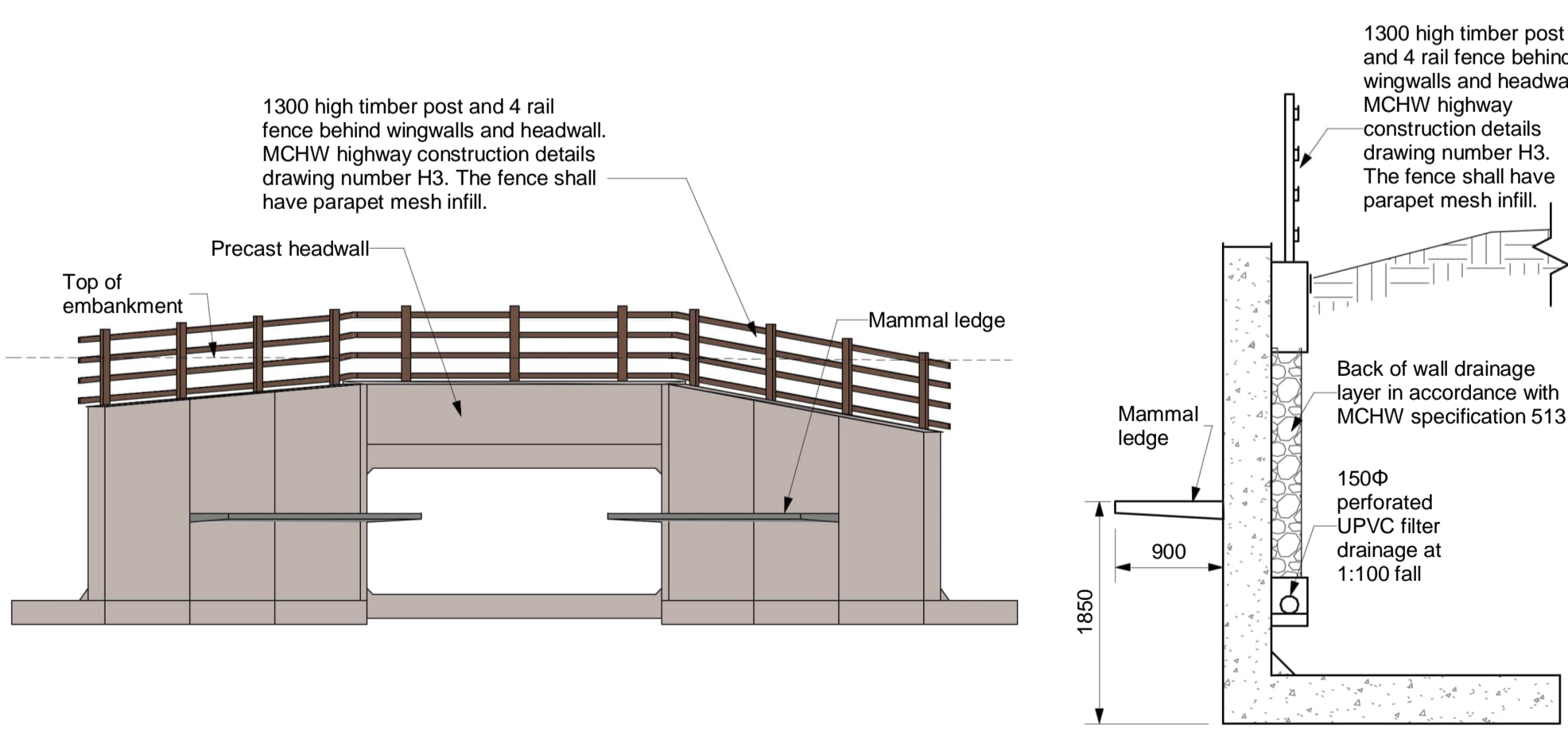
SECTION A-A
(Scale - 1 : 100)



SECTION B-B
(Scale - 1 : 50)



SECTION C-C
(Scale - 1 : 50)

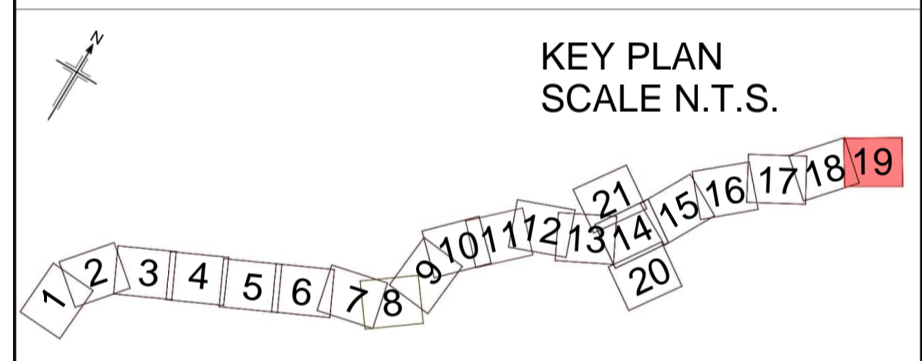


ELEVATION D-D
(Scale - 1 : 100)

SECTION THROUGH WINGWALL E-E
(Scale - 1 : 50)

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS AND CHAINAGES ARE IN METRES UNLESS OTHERWISE STATED.
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- LEGEND:**
- Existing Virgin Media Duct
 - Existing Vodafone Duct
 - Existing Openreach Duct
 - Existing Highways Drainage
 - Reinforced concrete
 - Existing structure to be demolished



P02	06/11/2023	FINAL FOR DCO SUBMISSION	DC	NK	NK	RC
P01	13/06/2022	FINAL FOR DCO SUBMISSION	OP	JPH	RC	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.13



Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing title: **STRUCTURES ENGINEERING DRAWINGS AND SECTIONS
ROMAN RIVER CULVERT - WORK NO. 109 - CH. 39363
(EXISTING STRUCTURE PHYSICAL WIDENING)
SHEET 30 OF 30**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary	Drawing status	S4
Project Stage	PCF3	AS SHOWN	Rev
Jacobs No.	B36601D1	Rev	P02
Client no.	HE551497		

Drawing number: HE551497
Originator: JAC
Volume: LDC
Location: SCHW
Type: DR
Role: S
Number: 0030