



The Sizewell C Project

6.6 Volume 5 Two Village Bypass Chapter 2 Description of Two Village Bypass Appendix 2A Proposed Development Drawings

Revision: 1.0
Applicable Regulation: Regulation 5(2)(a)
PINS Reference Number: EN010012

May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



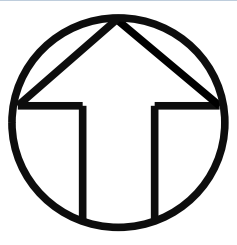
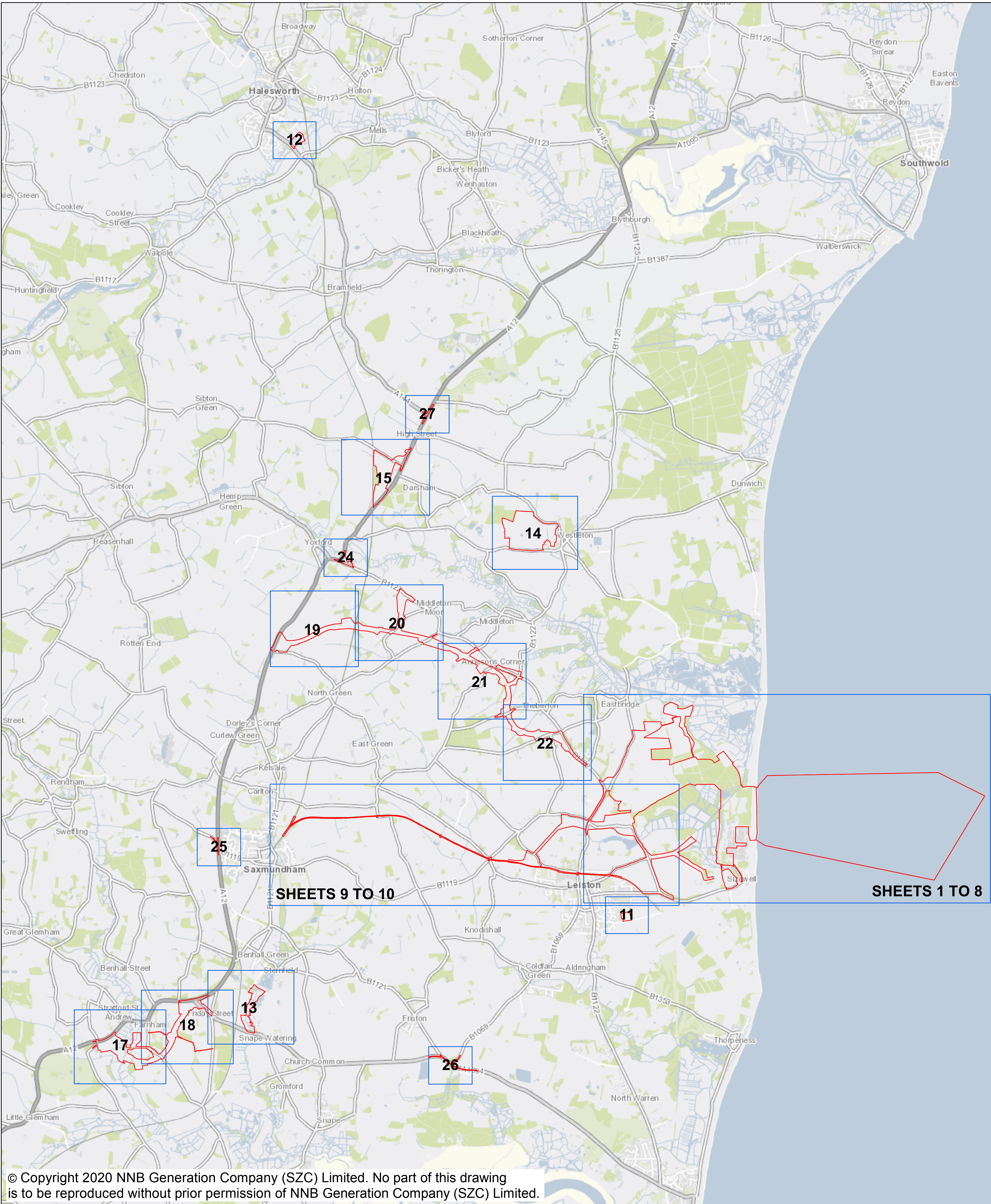
APPENDIX 2A – TWO VILLAGE BYPASS PROPOSED DEVELOPMENT DRAWINGS

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Drawing title	DCO Drawing number	Doc. Ref.
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NOTES

KEY

- SHEET LAYOUT
- ORDER LIMITS

01	MAR 2020	JA	HA	DCO Submission	SZC Co
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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PROJECT:
SIZEWELL C

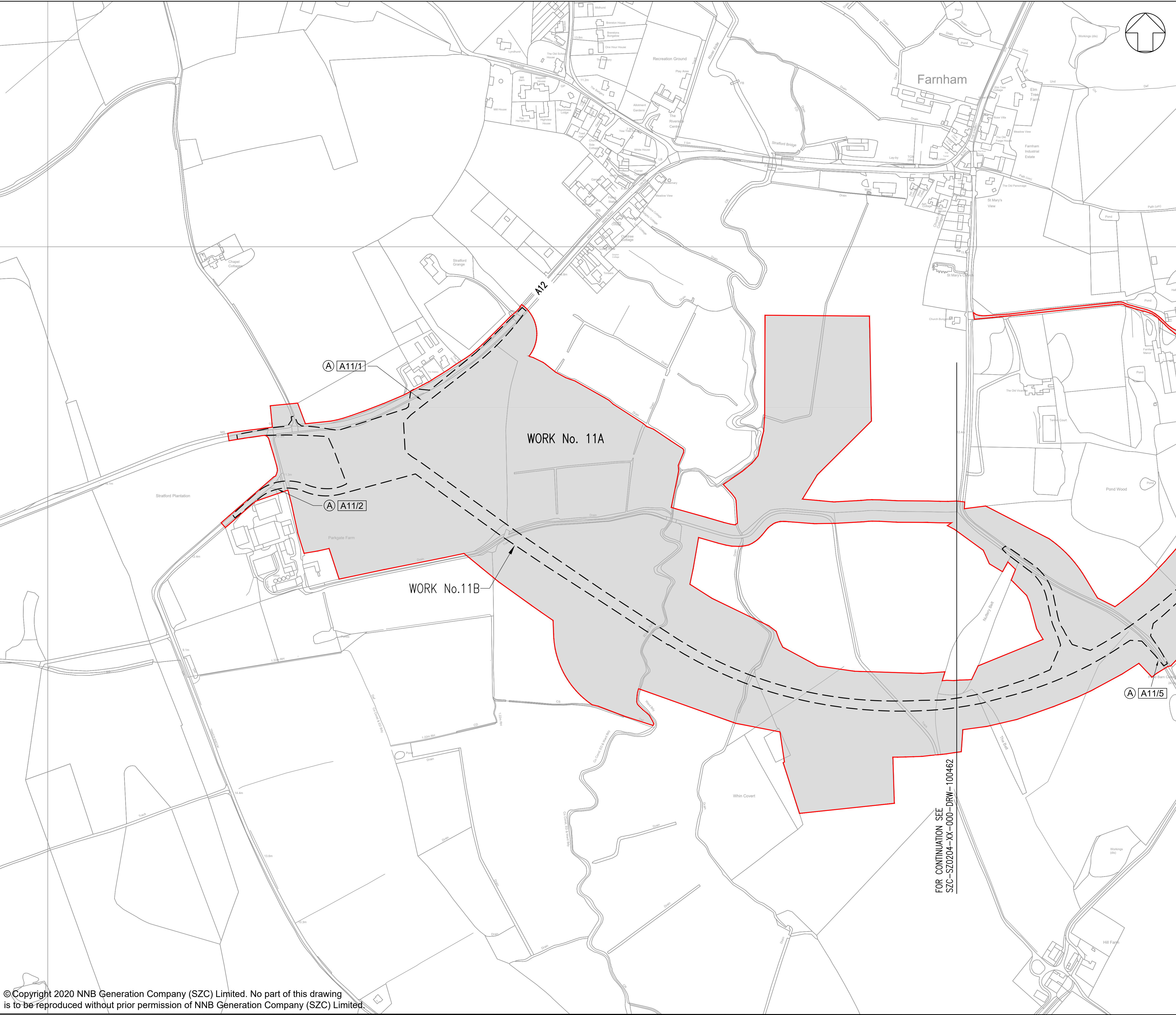
DOCUMENT:
WORKS PLANS
REGULATIONS 5(2)(j)

DRAWING TITLE:
WORKS PLANS
KEY PLAN 1

DRAWING NO: SZC-SZ0204-XX-000-DRW-100480	REVISION: 01
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DATE: MAR 2020	DRAWN: JA	SCALE: 1:40,000 @A1
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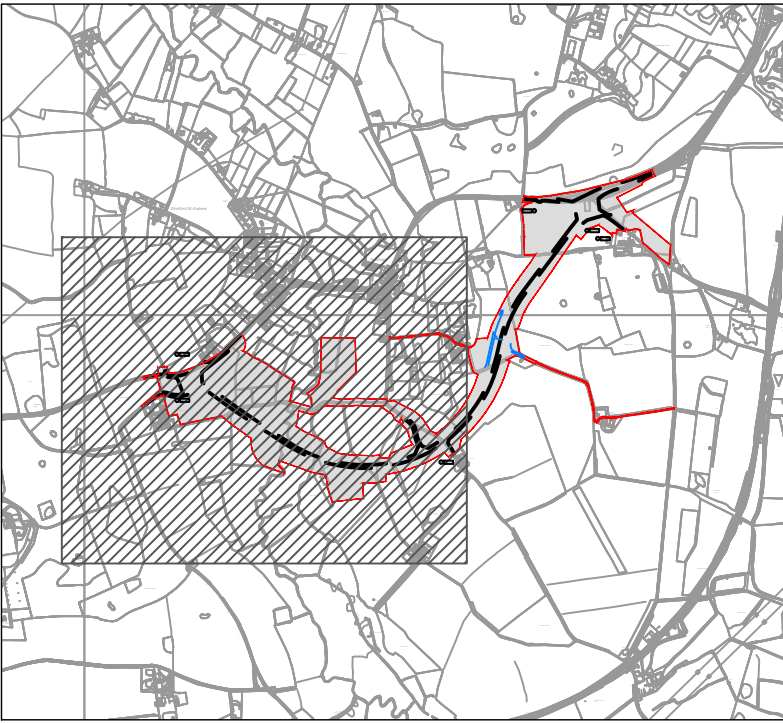
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1. THE ORDNANCE SURVEY MASTERMAP DATA ADOPTED AS DRAWING BACKGROUND TOPOGRAPHY DATA.

KEY:

- ORDER LIMITS
- WORK No.11A
- WORK No.11B
- WORK No.11C
- NEW OR ALTERED POINT OF ACCESS

KEY PLAN



01	FEB 2020	LM	HP	DCO SUBMISSION	SZC Co
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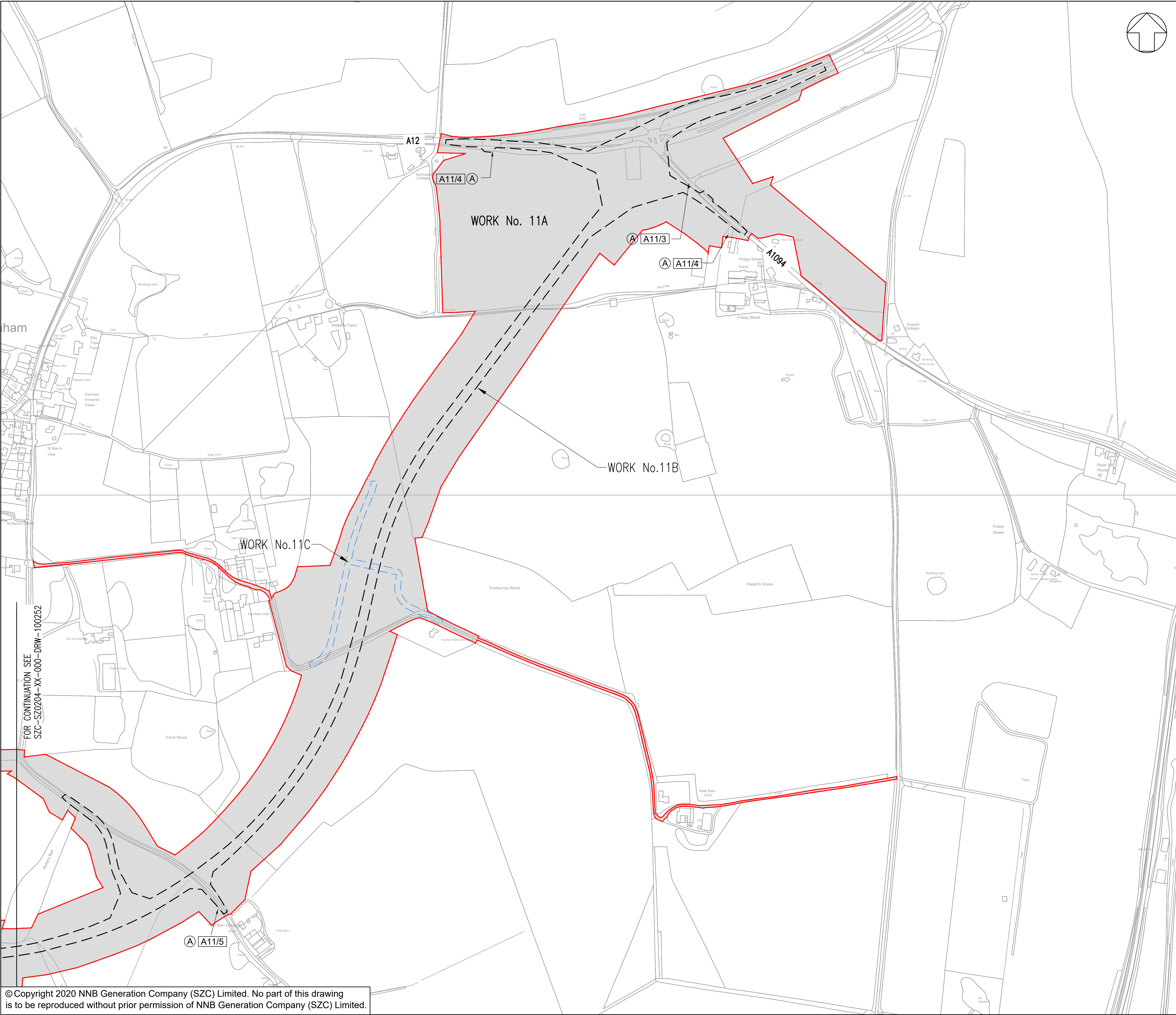
DOCUMENT:
WORKS PLANS
REGULATION 5(2)(j)

DRAWING TITLE:
TWO VILLAGE BYPASS
WORKS PLANS - SHEET 17 OF 27

DRAWING NO: SZC-SZ0204-XX-000-DRW-100252	REVISION: 01
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DATE: FEB 2020	DRAWN: LM	SCALE: 1:2500 @ A1
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SCALE BAR:



NOTES:

1. THE ORDNANCE SURVEY MASTERMAP DATA ADOPTED AS DRAWING BACKGROUND TOPOGRAPHY DATA.

KEY:

- ORDER LIMITS
- WORK No. 11A
- WORK No. 11B
- WORK No. 11C
- NEW OR ALTERED POINT OF ACCESS

KEY PLAN

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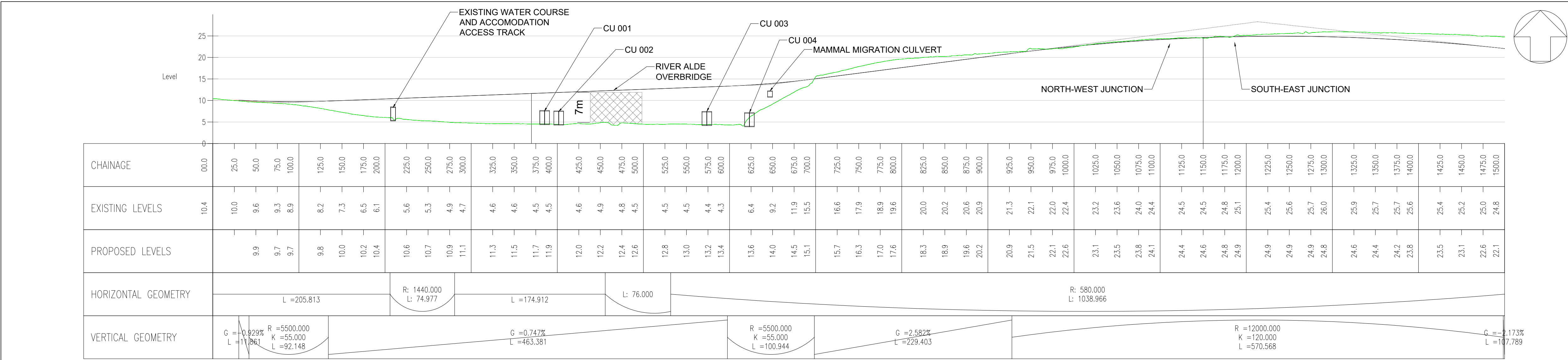
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SIZEWELL C

DOCUMENT:
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REGULATION 5(2)(j)

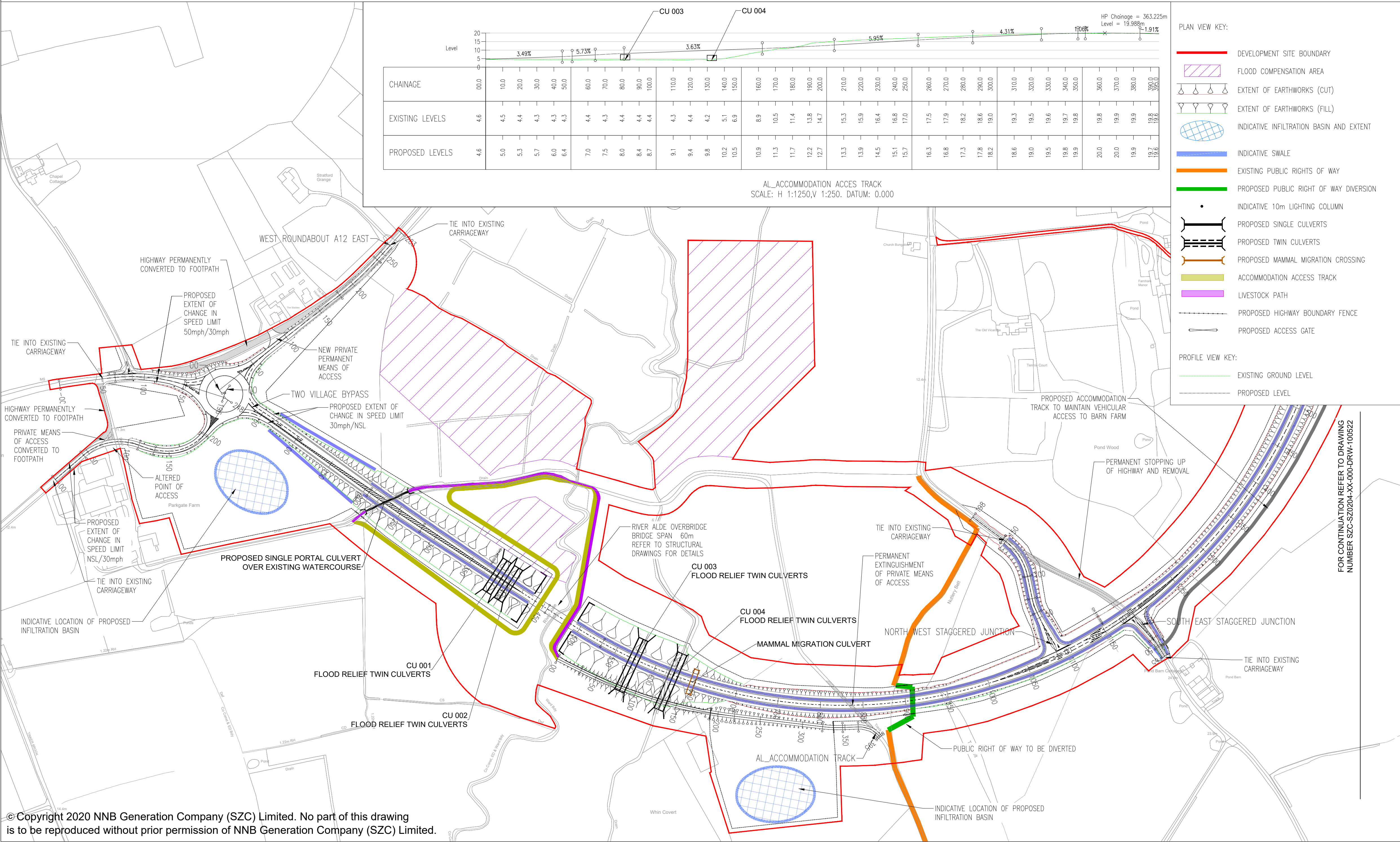
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TWO VILLAGE BYPASS
WORKS PLANS - SHEET 18 OF 27

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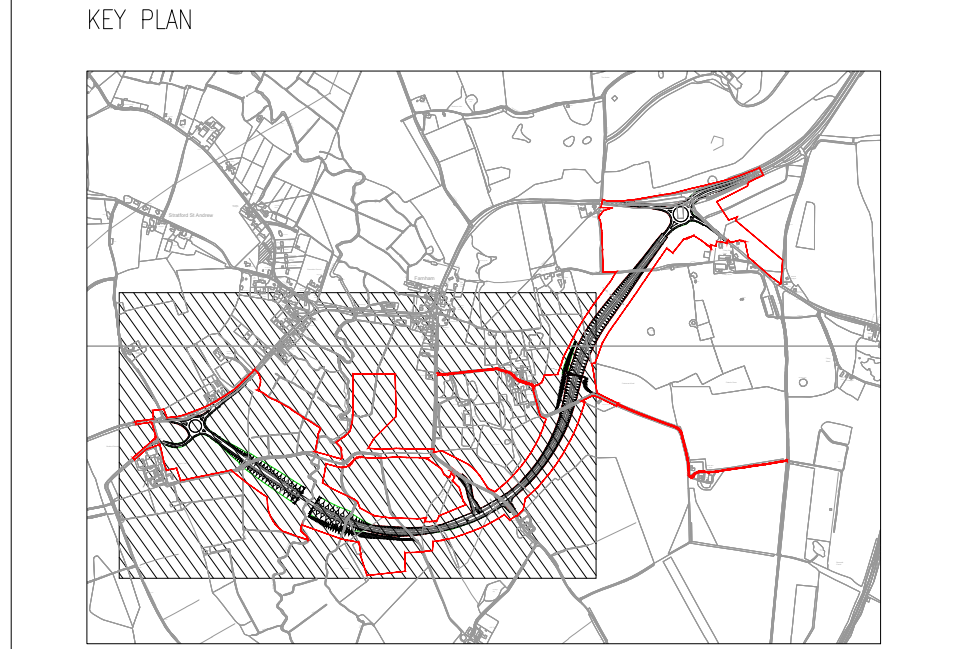
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TWO VILLAGE BYPASS - LONGSECTION 01
SCALE: H 1:2500;V 1:500. DATUM: 0.000



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 4. ALL DIMENSIONS IN METERS UNLESS STATED OTHERWISE.
 5. ALL LEVELS IN METERS UNLESS STATED OTHERWISE.
 6. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 3.
 7. THE PROPOSED CARRIAGEWAY WIDTH 7.3m WITH 1.0m HARDSTRIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING 9.3m TOTAL PAVED WIDTH.
 8. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TO 9/93.
 9. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB CD 116.
 10. FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAINAGE DRAWINGS
 11. FOR DETAILS OF STREET LIGHTING REFER TO LIGHTING DRAWING
 12. FOR DETAILS OF LANDSCAPING AND PLANTING REFER TO THE LANDSCAPE AND ARCHITECTS PLANS.
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 14. WHERE THE PROPOSED ROAD MARKINGS ARE SHOWN THE EXISTING ROAD MARKING ARE TO BE REMOVED AS APPROPRIATE.
 15. PROPOSED ROAD SIGNAGE IS SHOWN INDICATIVELY.



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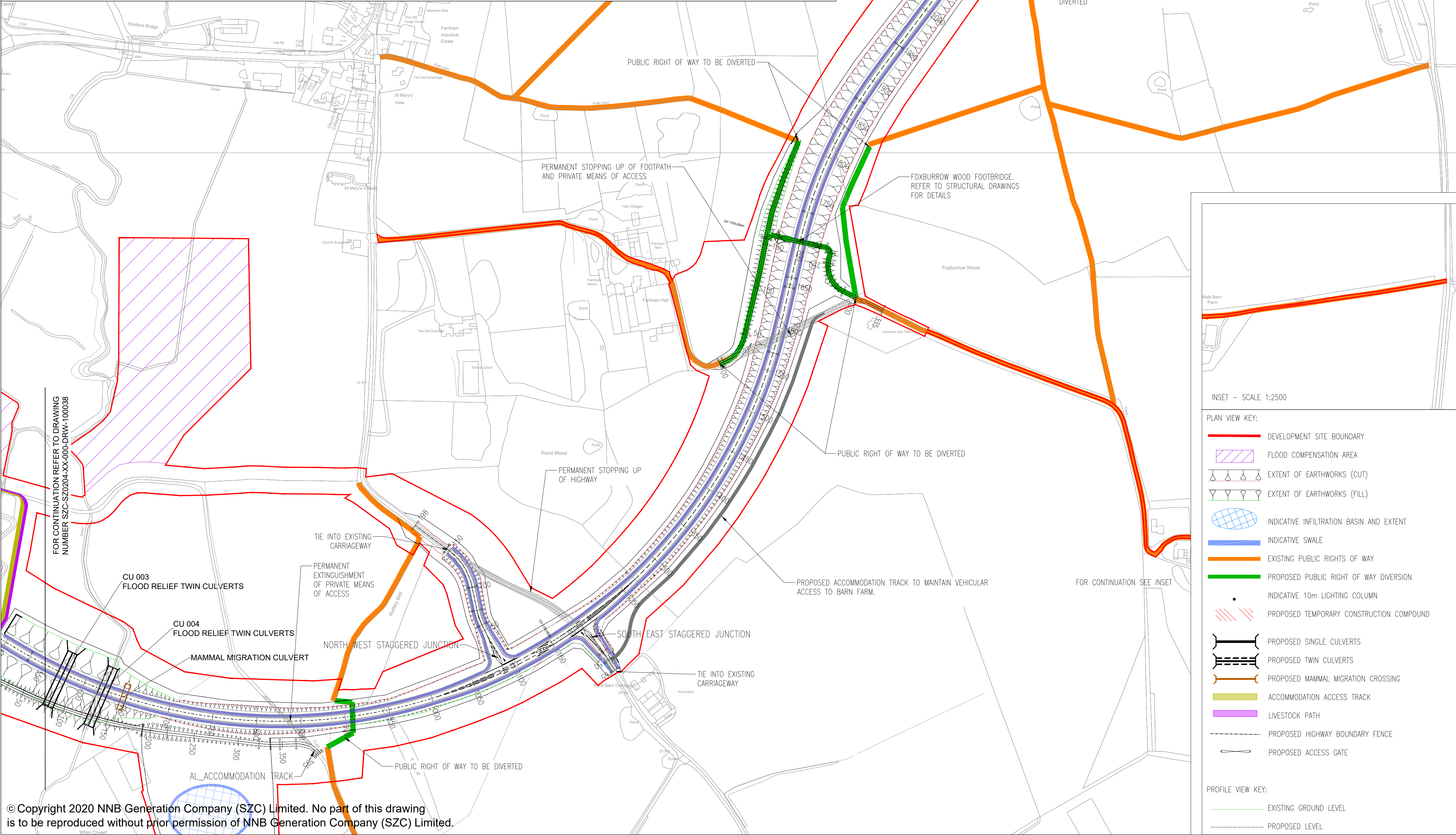


PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
TWO VILLAGE BYPASS
PROPOSED GENERAL
ARRANGEMENT AND PROFILES
SHEET 1 OF 2

DRAWING NO:	SZC-SZ0204-XX-000-DRW-100038	REVISION:	01
DATE:	FEB 2020	DRAWN:	DMD
SCALE:	1:2500 @ A1		
SCALE BAR:	0 1:2500 125 metres		



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KEY PLAN

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PROJECT: SIZEWELL C

DOCUMENT: APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(c)

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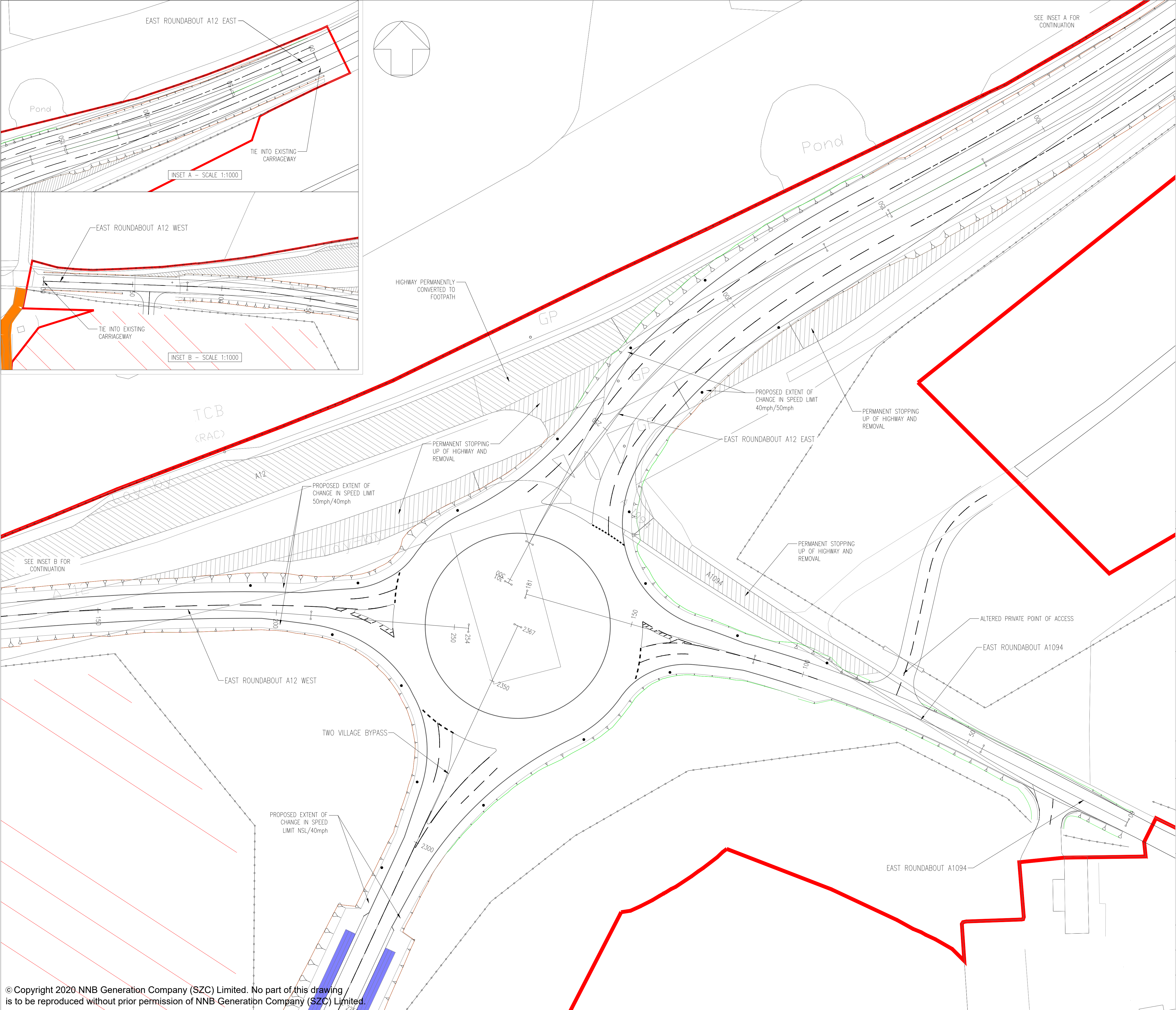
REVISION: 01

DATE: FEB 2020

DRAWN: DMD

SCALE: 1:2500 @ A1

SCALE BAR: 0 1:2500 125 metres



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 15. PLEASE REFER TO DRAWING SZC-SZ0204-XX-000-DRW-100450 FOR ROAD PROFILES.

PLAN VIEW KEY:

- DEVELOPMENT SITE BOUNDARY
- EXTENT OF EARTHWORKS (CUT)
- EXTENT OF EARTHWORKS (FILL)
- PROPOSED HIGHWAY BOUNDARY FENCE
- INDICATIVE SWALE
- EXISTING PUBLIC RIGHTS OF WAY
- INDICATIVE 10m LIGHTING COLUMNS 0.4 UNIFORMITY
 - ROUNDABOUT LIGHTING TO 15 LUX AVERAGE
 - APPROACHES LIGHTING TO 10 LUX AVERAGE
- PROPOSED CONSTRUCTION COMPOUND

01	FEB 2020	DMD	HWP	DCO SUBMISSION	SZC Co
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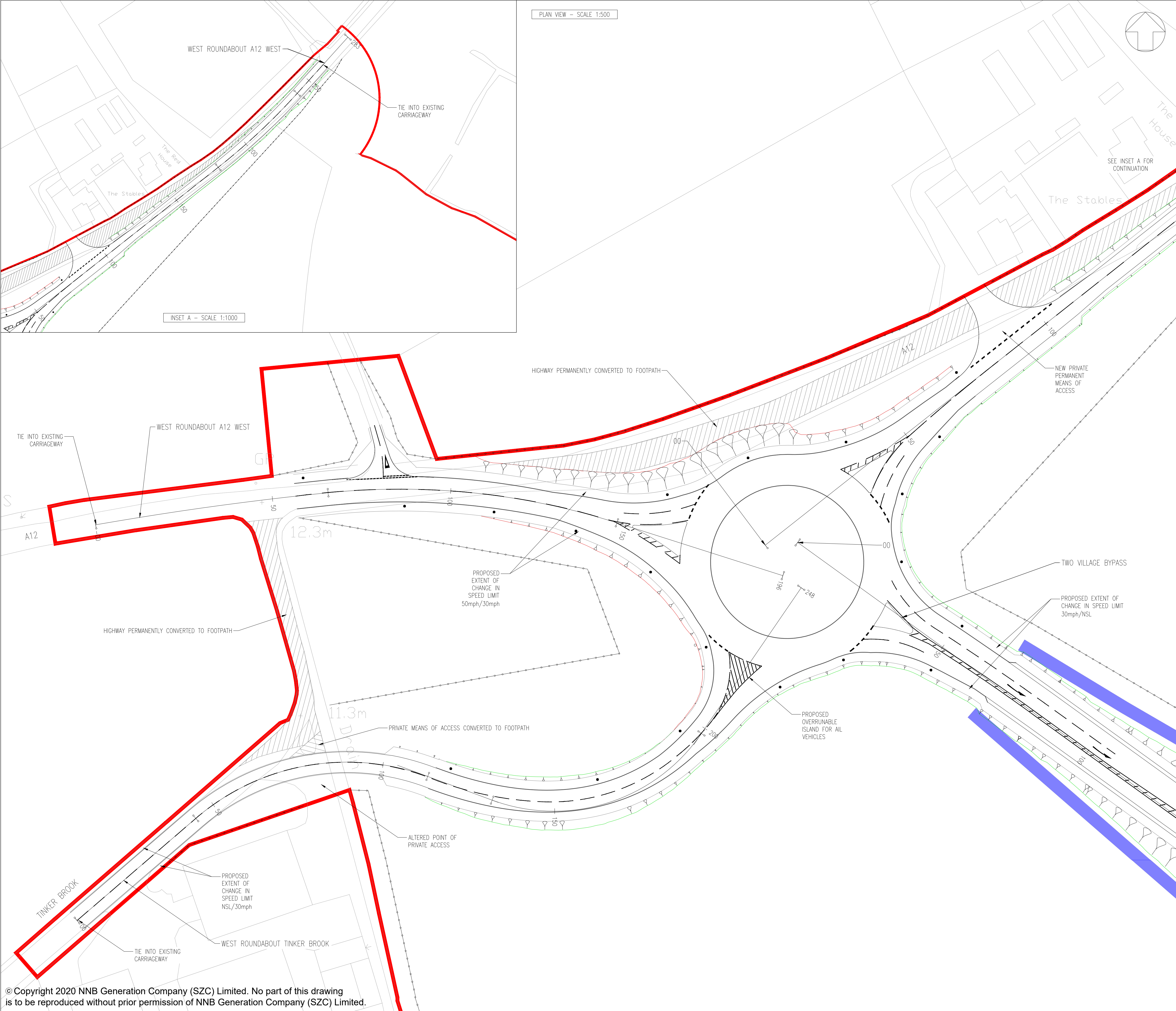


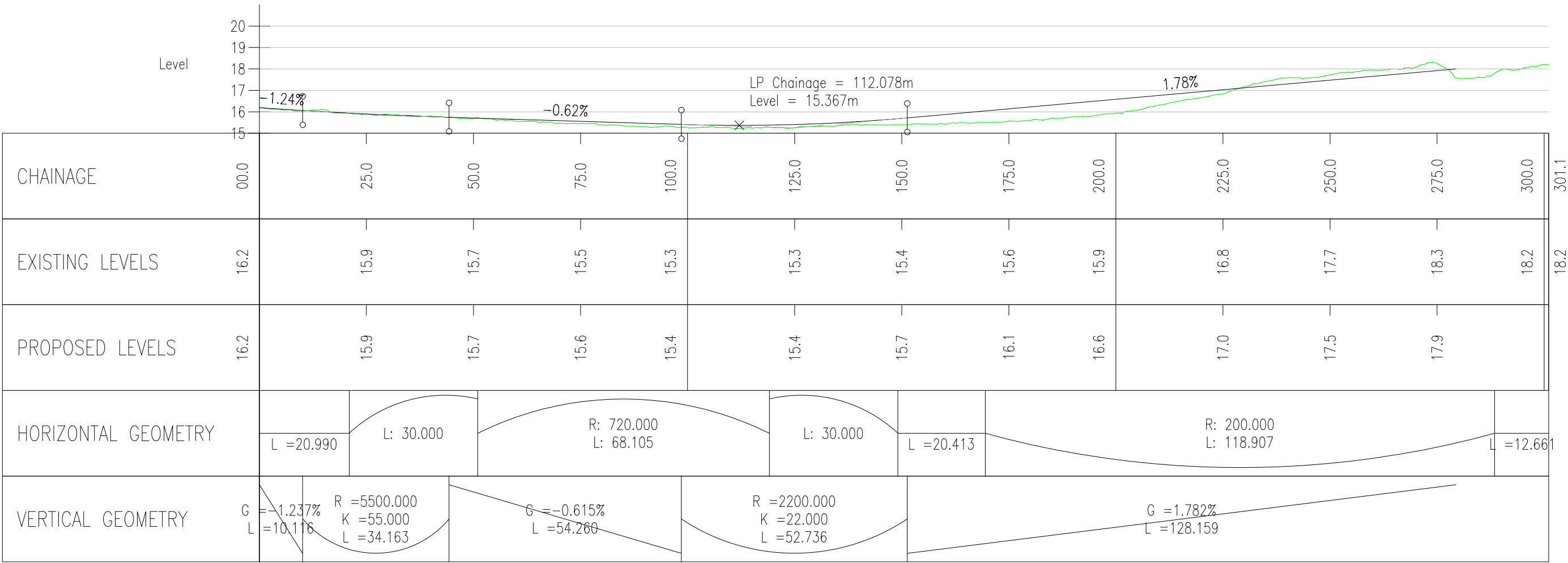
PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

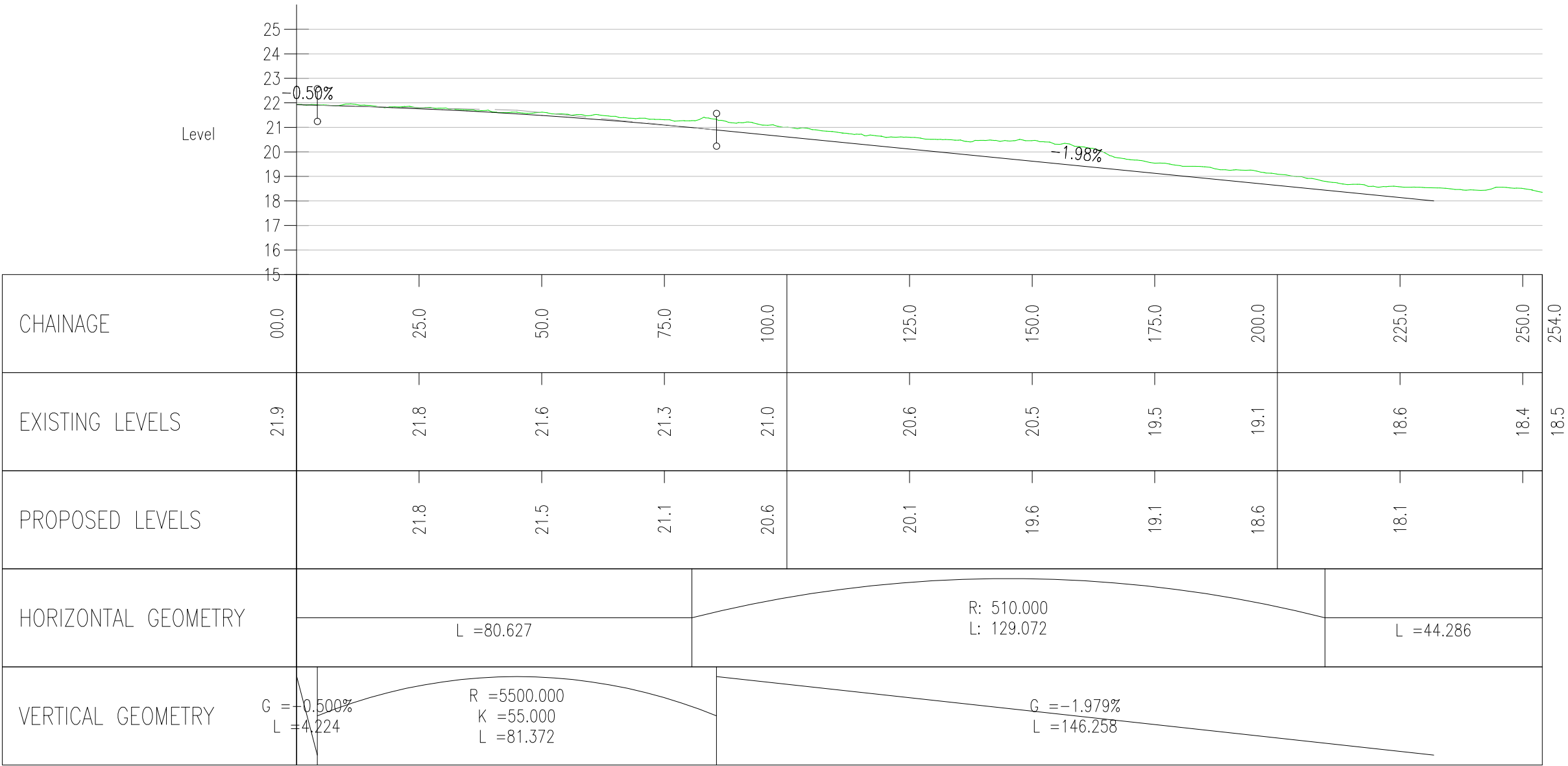
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**TWO VILLAGE BYPASS
A12/A1094 EASTERN
ROUNDABOUT
PROPOSED GENERAL ARRANGEMENT**

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DATE: FEB 2020	DRAWN: DMD	SCALE: 1:500 @ A1	
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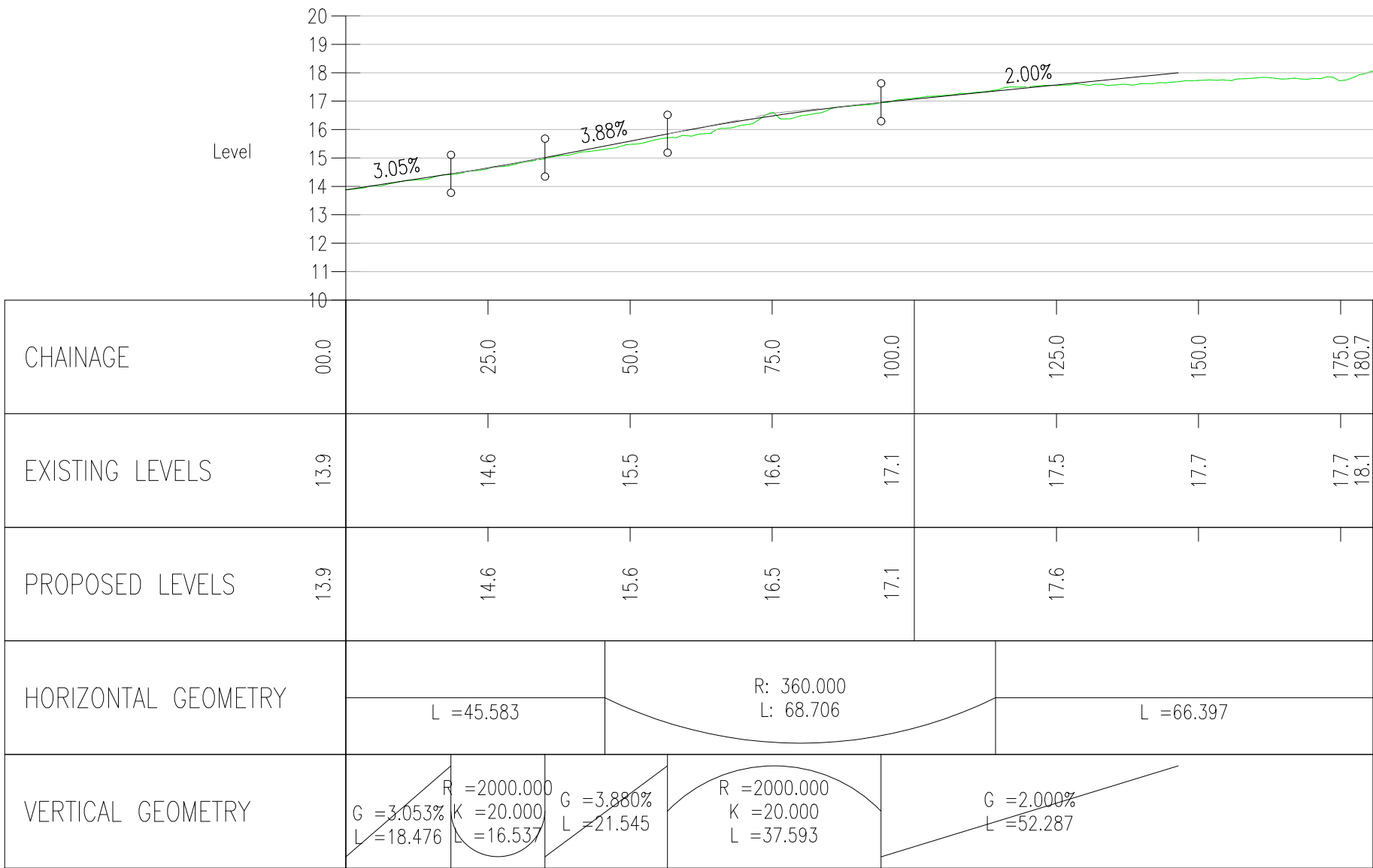




EAST ROUNDABOUT A12 EAST
SCALE: H 1:1000,V 1:200. DATUM: 15.000



EAST ROUNDABOUT A12 WEST
SCALE: H 1:1000,V 1:200. DATUM: 15.000



EAST ROUNDABOUT A1094
SCALE: H 1:1000,V 1:200. DATUM: 10.000

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 - NEW SIGNS AND ROAD MARKINGS WILL BE BASED ON TSRGD 2016 OR AS AGREED WITH THE LOCAL HIGHWAY AUTHORITY.
 - ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 3.
 - ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 9/93.
 - ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB CD 116.

PROFILE VIEW KEY:

--- EXISTING GROUND LEVEL

--- PROPOSED LEVEL

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PROJECT:

SIZEWELL C

DOCUMENT:

APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:

**TWO VILLAGE BYPASS
A12/A1094 EASTERN
ROUNDAABOUT
PROPOSED PROFILES**

DRAWING NO:

SZC-SZ0204-XX-000-DRW-100450

REVISION:

01

DATE:

FEB 2020

DRAWN:

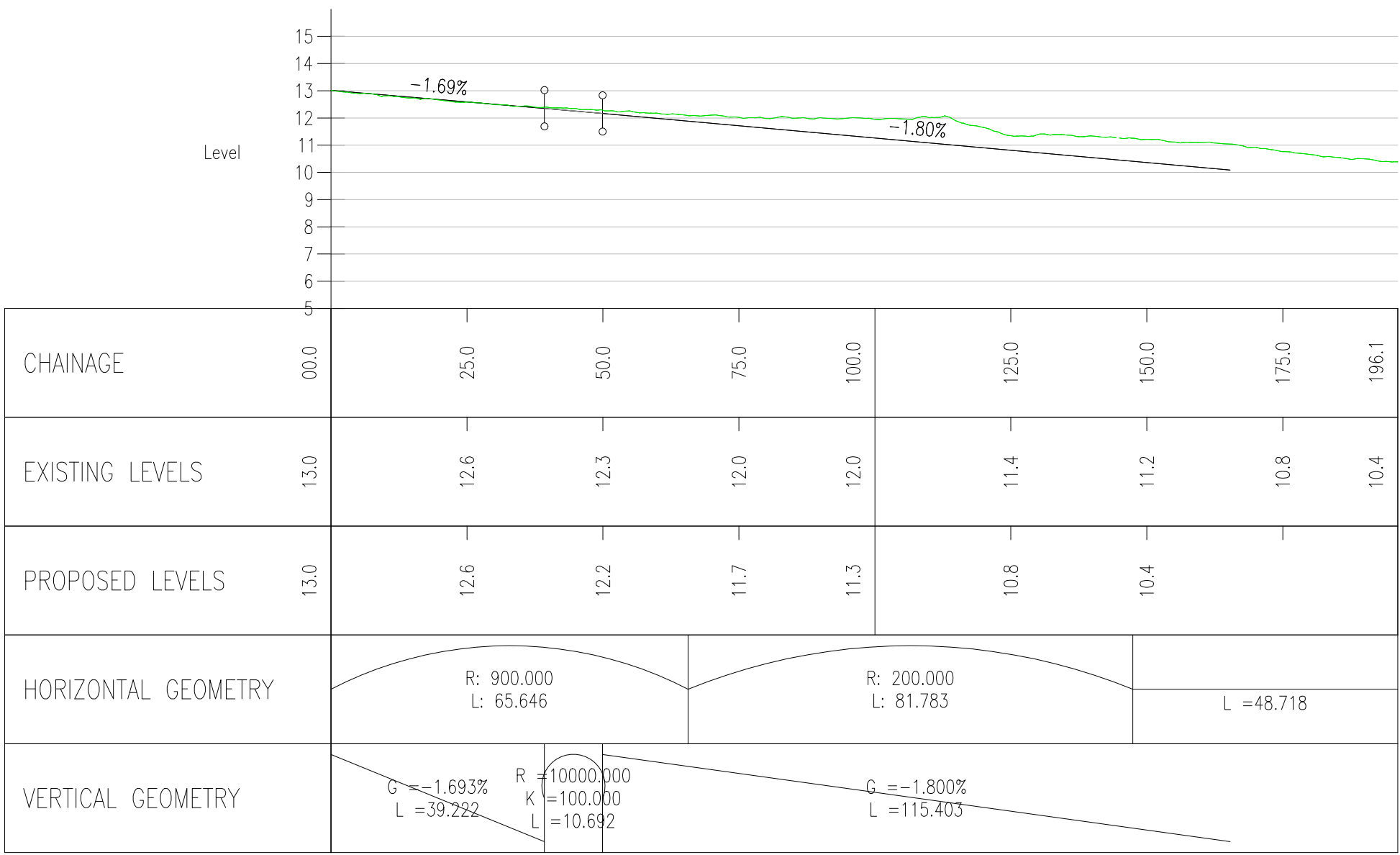
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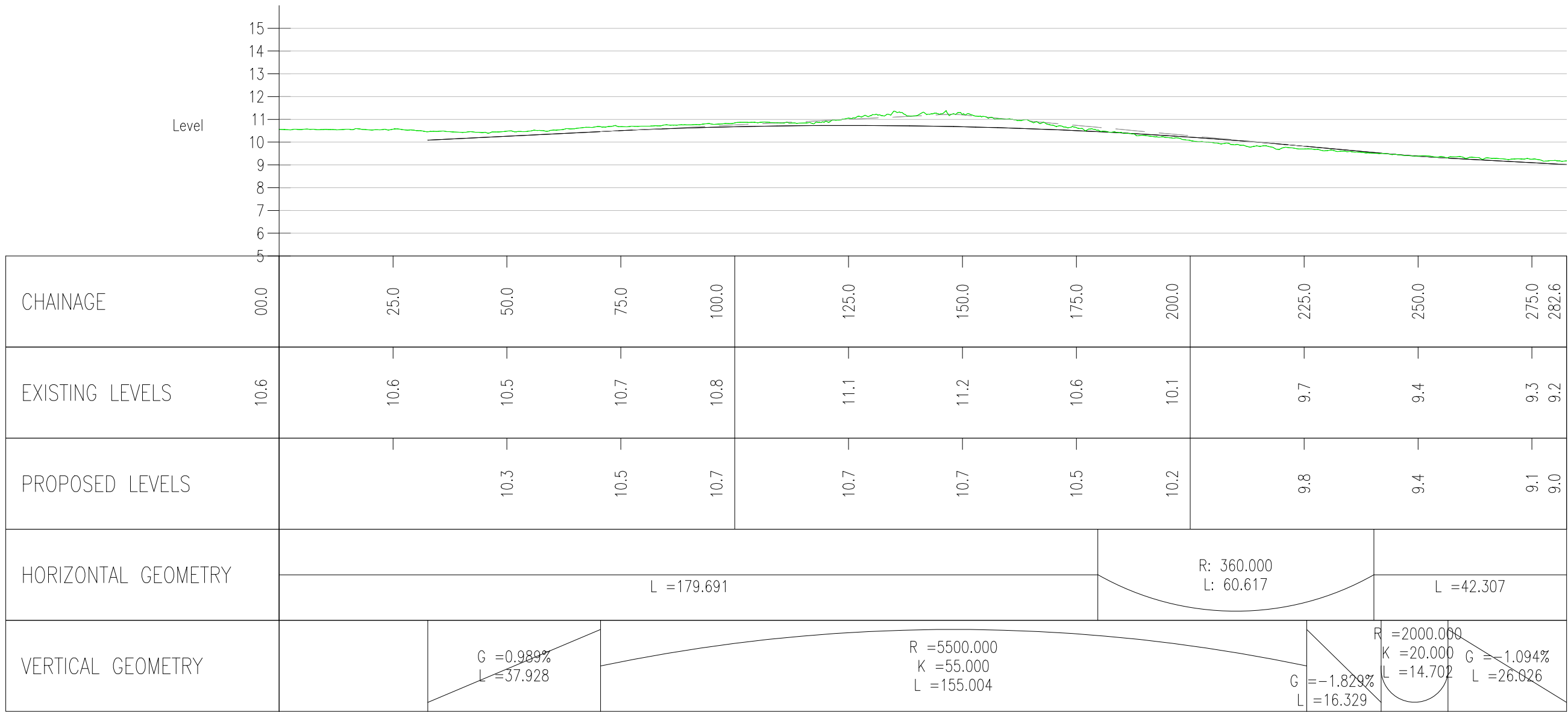
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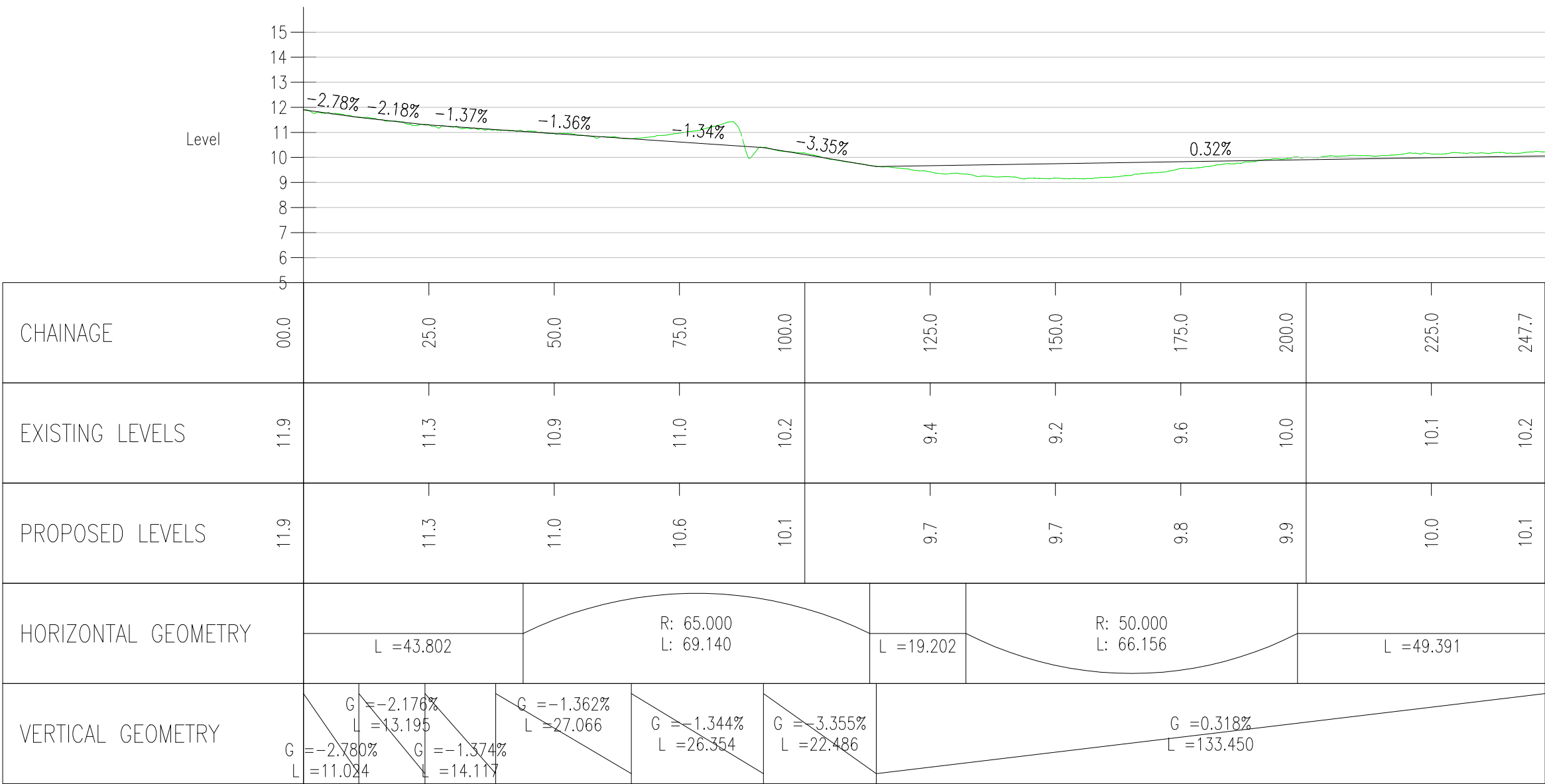
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WEST ROUNDABOUT A12 WEST
SCALE: H 1:1000,V 1:200. DATUM: 5.000



WEST ROUNDABOUT A12 EAST
SCALE: H 1:1000,V 1:200. DATUM: 5.000



WEST ROUNDABOUT TINKER BROOK
SCALE: H 1:1000,V 1:200. DATUM: 5.000

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 9. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 9/93.
 10. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB CD 116.

PROFILE VIEW KEY:

--- EXISTING GROUND LEVEL

--- PROPOSED LEVEL

01	FEB 2020	LMM	ACC	DCO SUBMISSION	SZC Co
REVISION	DATE	DRAWN/CHECKED	REASONS FOR REVISION / COMMENTS		APPROVED

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PROJECT:

SIZEWELL C

DOCUMENT:

APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:

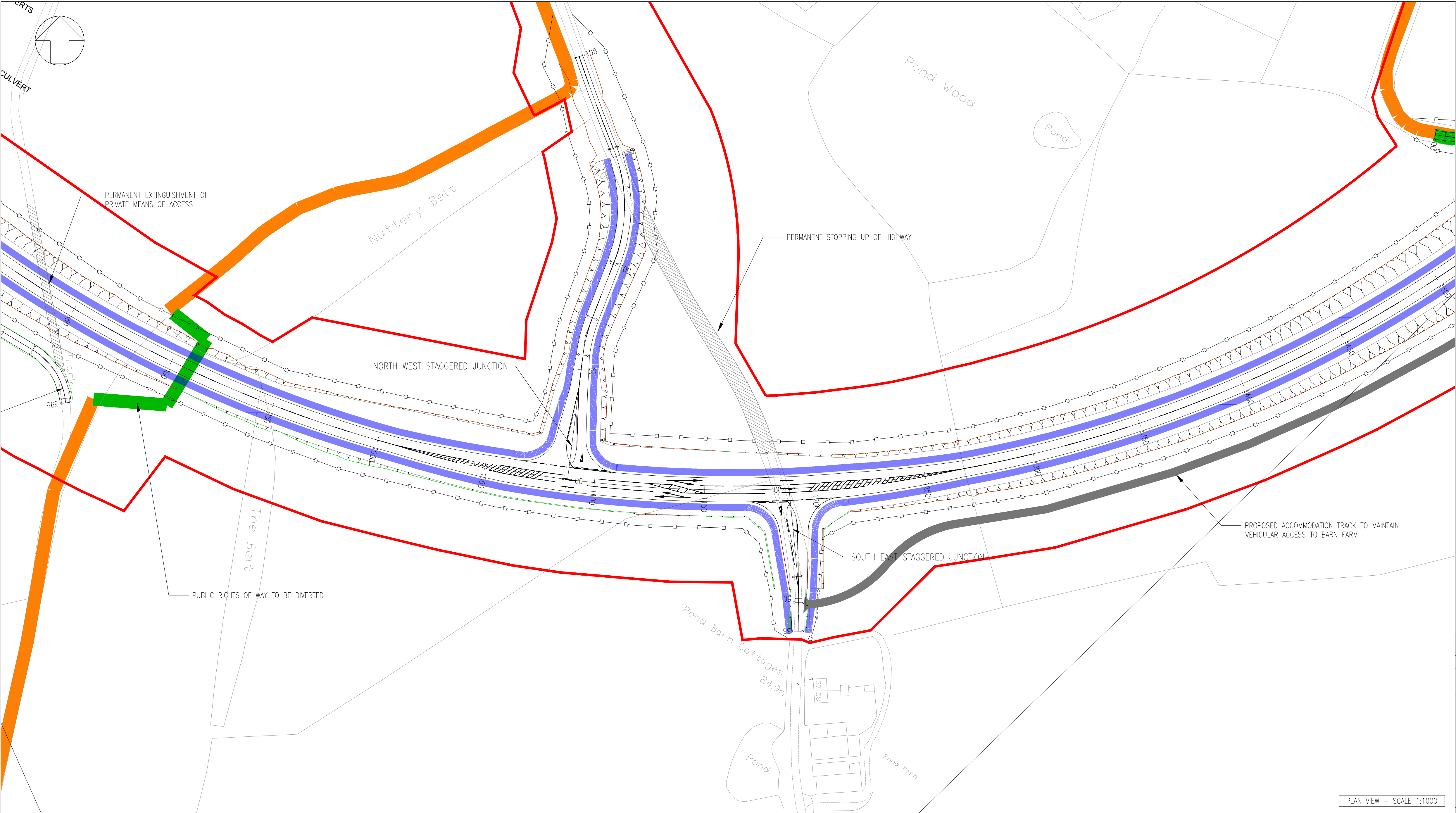
**TWO VILLAGE BYPASS
A12 WESTERN ROUNDABOUT
PROPOSED PROFILES**

DRAWING NO: SZC-SZ0204-XX-000-DRW-100451	REVISION: 01
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DATE: FEB 2020	DRAWN: LMM	SCALE: AS SHOWN @ A1
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SCALE BAR:

0 1:1000 50 metres



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 - EXTENT OF EARTHWORKS (CUT)
 - EXTENT OF EARTHWORKS (FILL)
 - PROPOSED HIGHWAY BOUNDARY FENCE
 - INDICATIVE SWALE
 - EXISTING PUBLIC RIGHTS OF WAY
 - PROPOSED PUBLIC RIGHTS OF WAY DIVERSION
 - INDICATIVE 10m LIGHTING COLUMNS 0.4 UNIFORMITY
 - ROUNDABOUT LIGHTING TO 15 LUX AVERAGE
 - APPROACHES LIGHTING TO 10 LUX AVERAGE
- PROFILE VIEW KEY:
- EXISTING GROUND LEVEL
 - PROPOSED LEVEL

01	FEB 2020	LMM	ACC	DDO SUBMISSION	SZC Co
REVISION	DATE	DRAWN/CHECKED	REASONS FOR REVISION / COMMENTS		APPROVED

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PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
TWO VILLAGE BYPASS
PROPOSED STAGGERED JUNCTION
PLAN AND PROFILES

DRAWING NO:
SZC-SZ0204-XX-000-DRW-100452

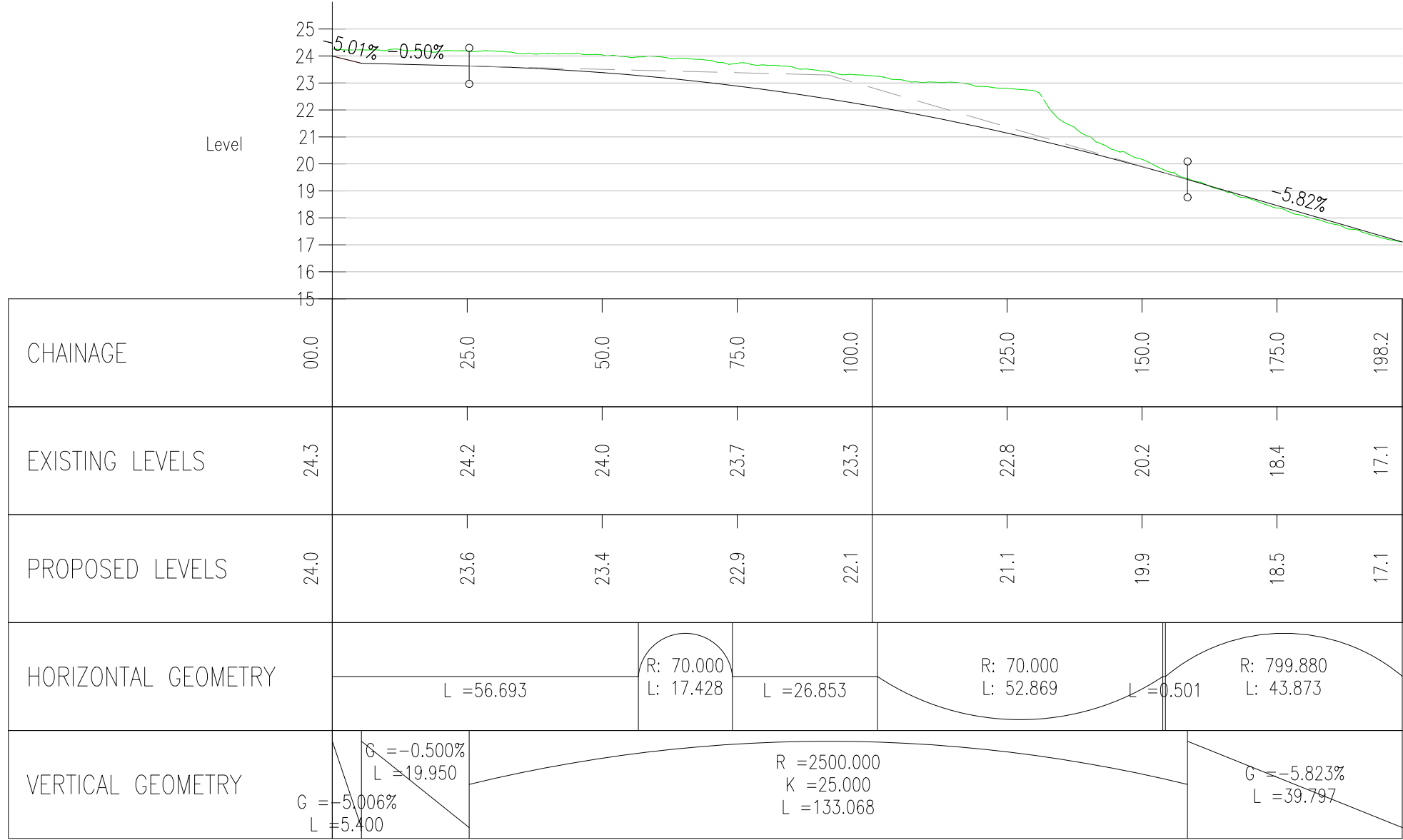
REVISION:
01

DATE:
FEB 2020

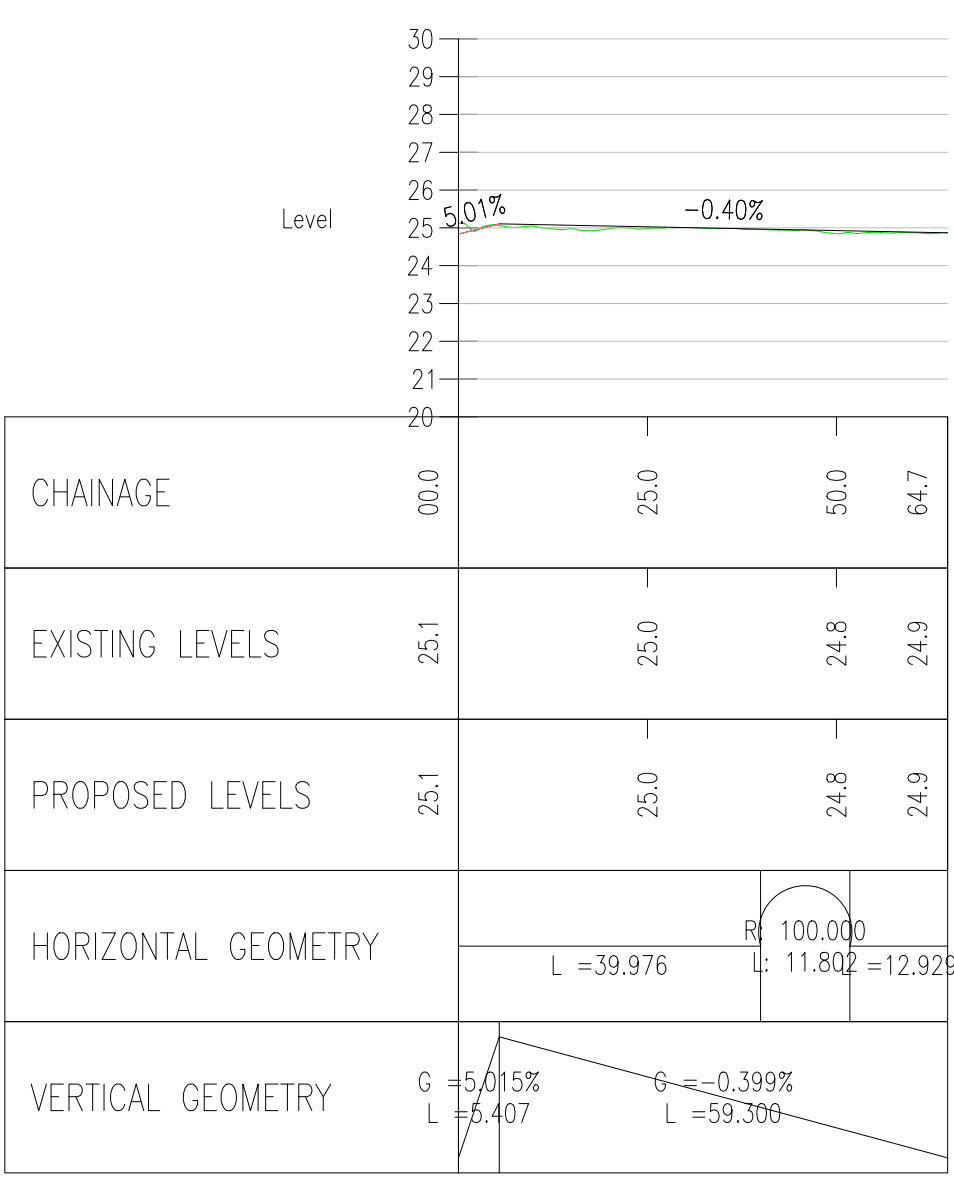
DRAWN:
LMM

SCALE:
1:1000 @ A1

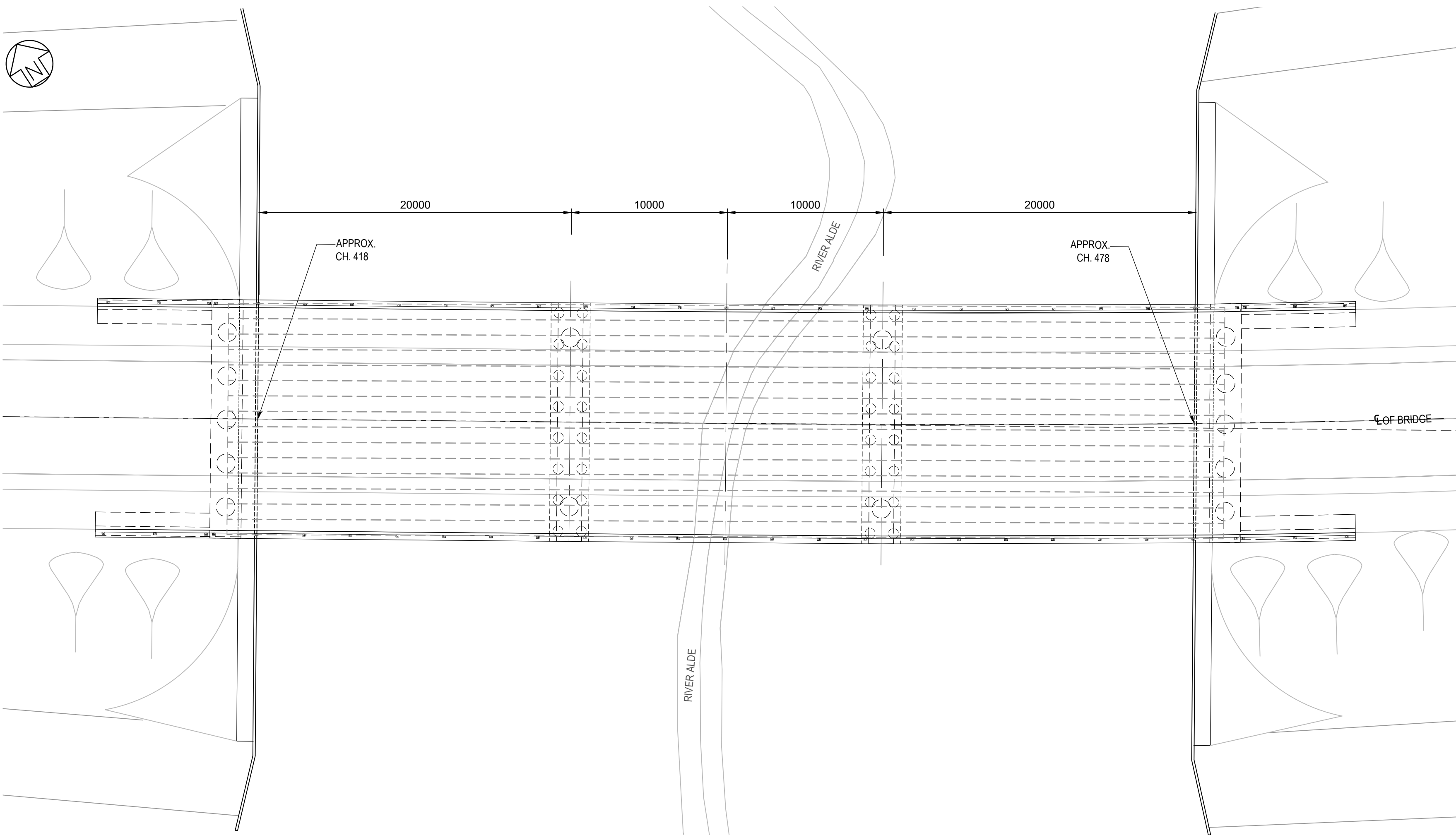
SCALE BAR:
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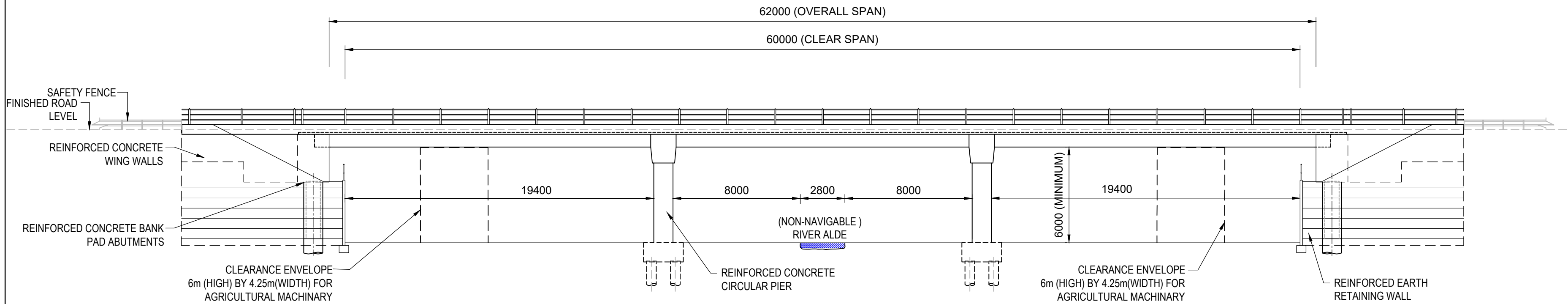
NORTH WEST STAGGERED JUNCTION
SCALE: H 1:1000,V 1:200. DATUM: 15.000



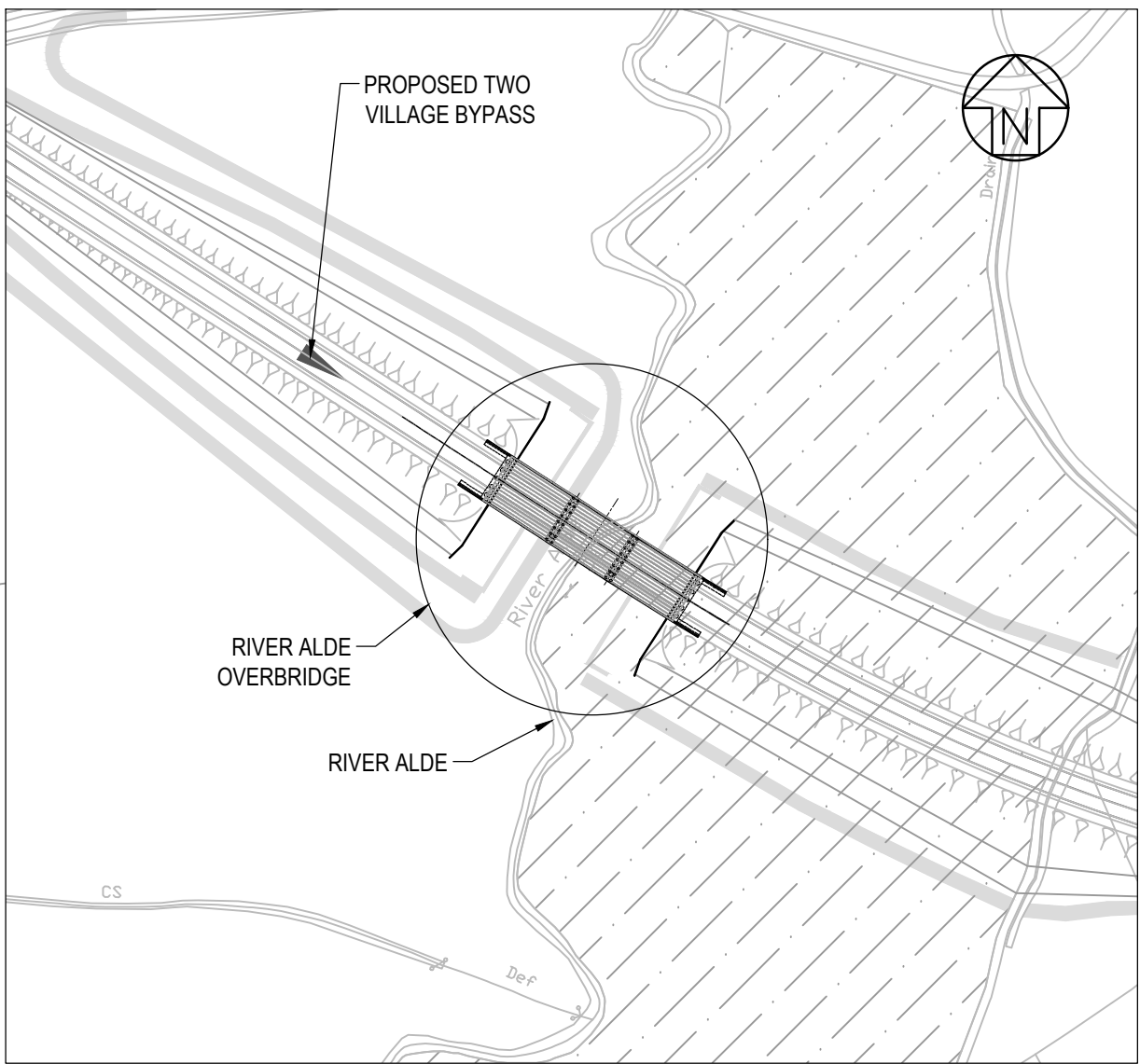
SOUTH EAST STAGGERED JUNCTION
SCALE: H 1:1000,V 1:200. DATUM: 20.000



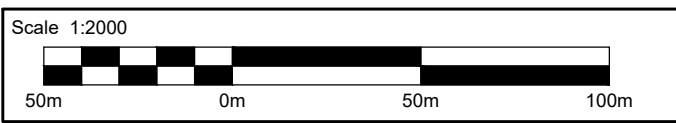
PLAN
SCALE 1:200



ELEVATION
SCALE 1:200



LOCATION PLAN
SCALE 1:2000



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
2. THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSE.
3. THE DEVELOPMENT SHALL BE PROVIDED AS SHOWN ON DRAWINGS, UNLESS ALTERNATIVE DETAILS ARE SUBMITTED AND APPROVED PURSUANT TO REQUIREMENT.
4. FOUNDATION DESIGN IS INDICATIVE ONLY.

01	FEB 2020	KS	JL	DDO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING
FOR APPROVAL
REGULATION 5(2)(o)

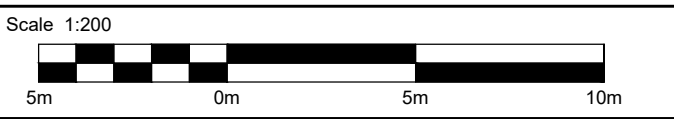
DRAWING TITLE:
RIVER ALDE OVERBRIDGE
PROPOSED GENERAL ARRANGEMENT
AND ELEVATION

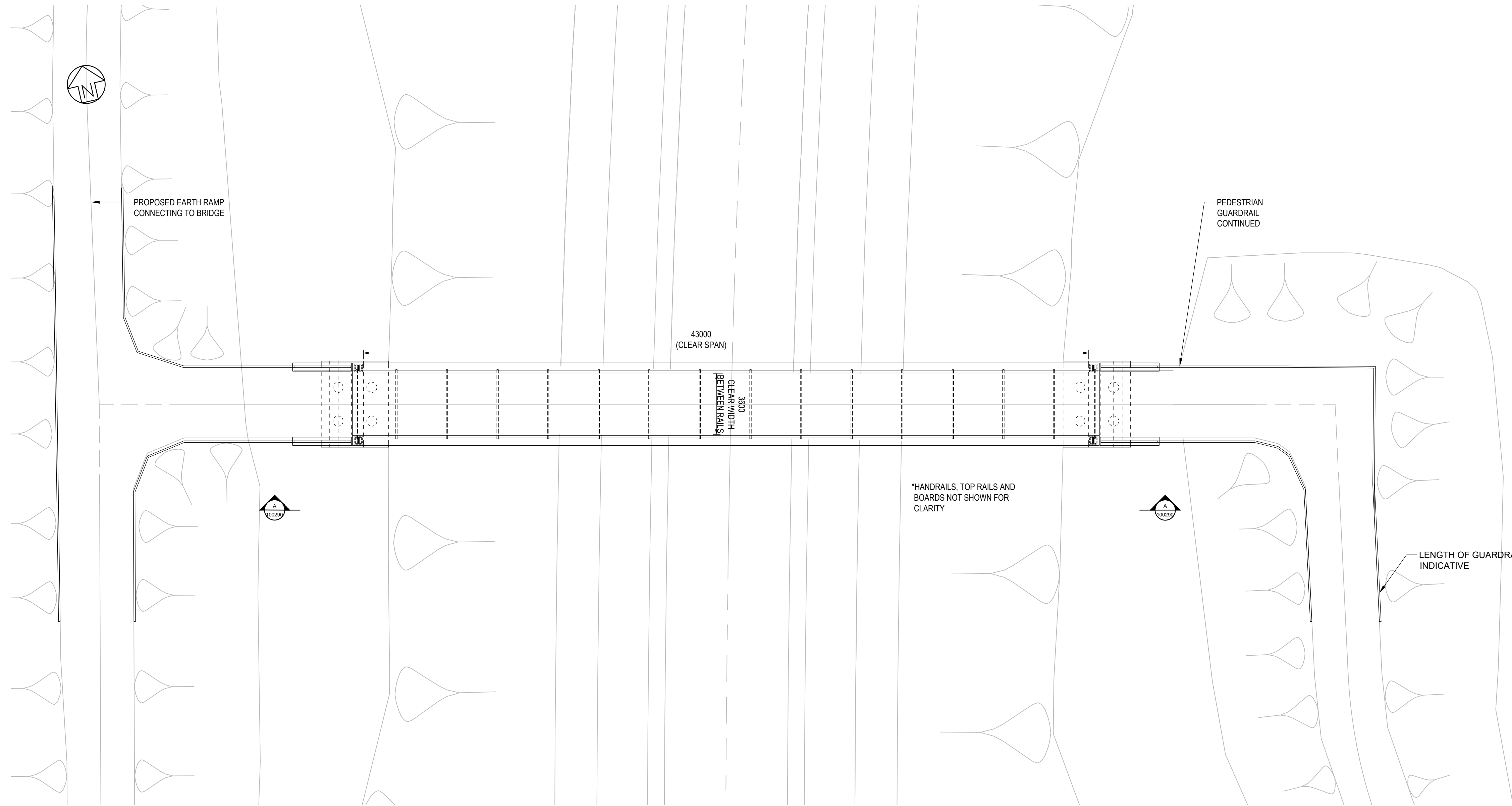
DRAWING NO:
SZC-SZ0204-XX-000-DRW-100293

REVISION:
01

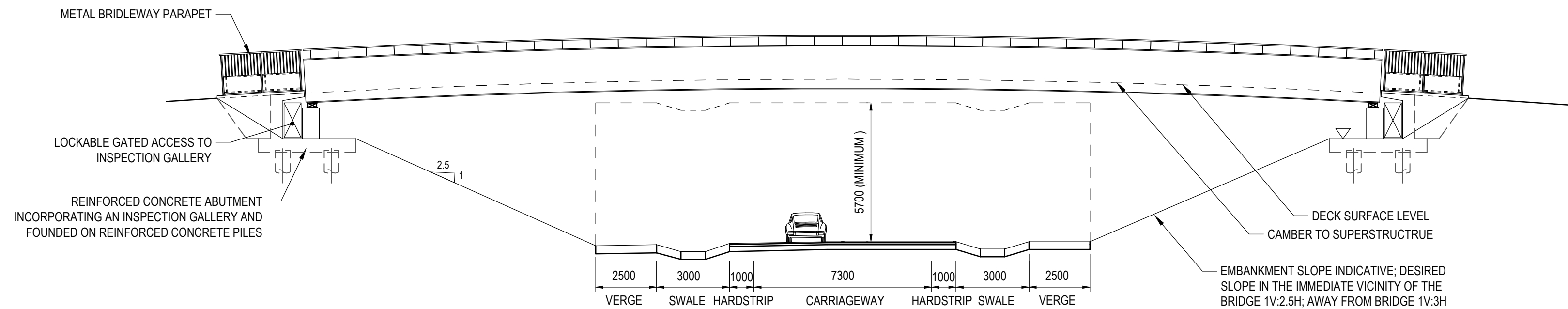
DATE: FEB 2020
DRAWN: KS
SCALE: AS SHOWN

SCALE BAR:





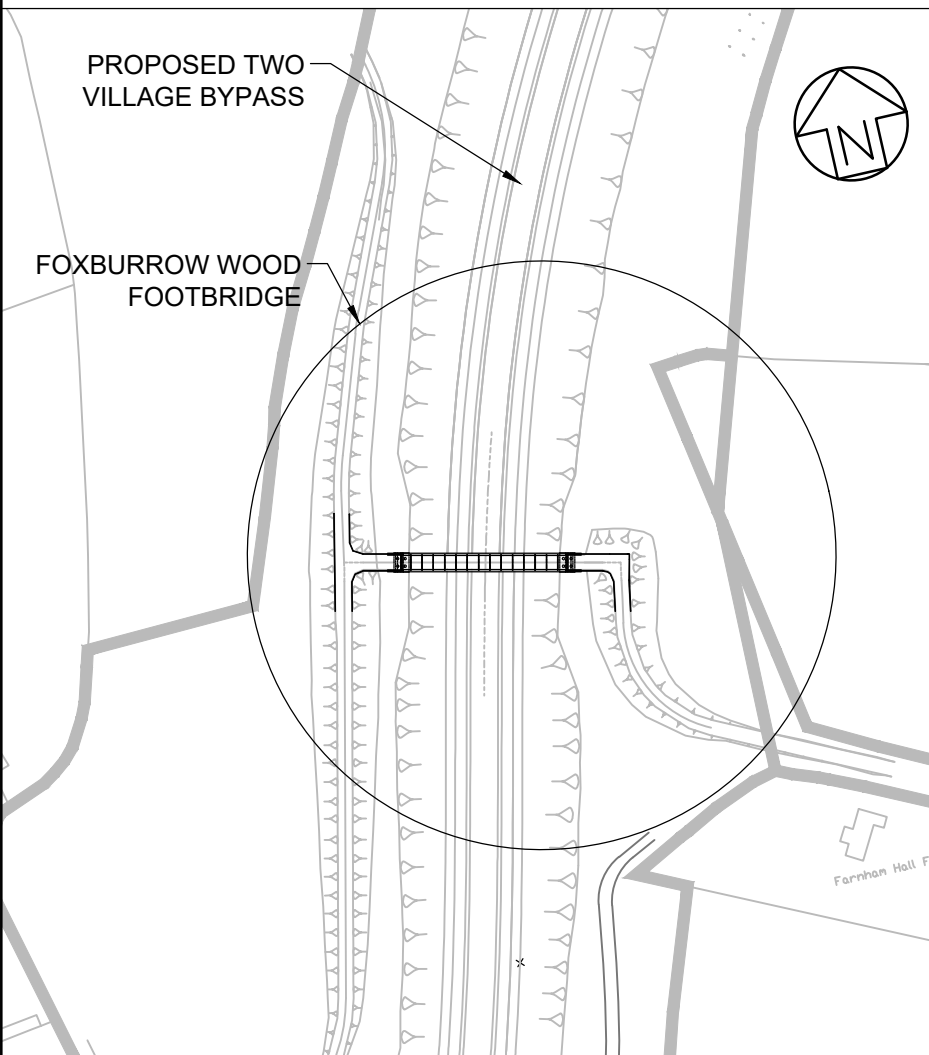
PLAN
SCALE 1:150



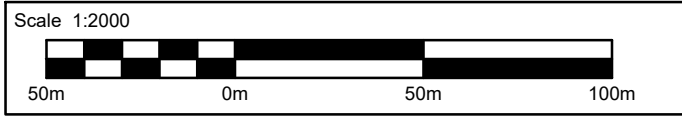
VIEW ELEVATION A-A
SCALE 1:150

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
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4. FOUNDATION DESIGN IS INDICATIVE ONLY.



LOCATION PLAN
SCALE 1:2000



01	FEB 2020	DS	JL	DOO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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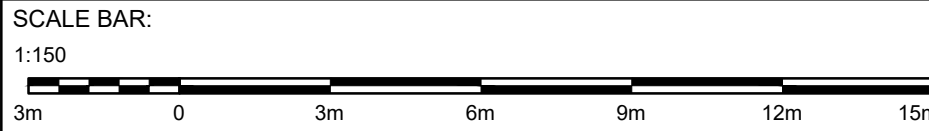
PROJECT:
SIZEWELL C

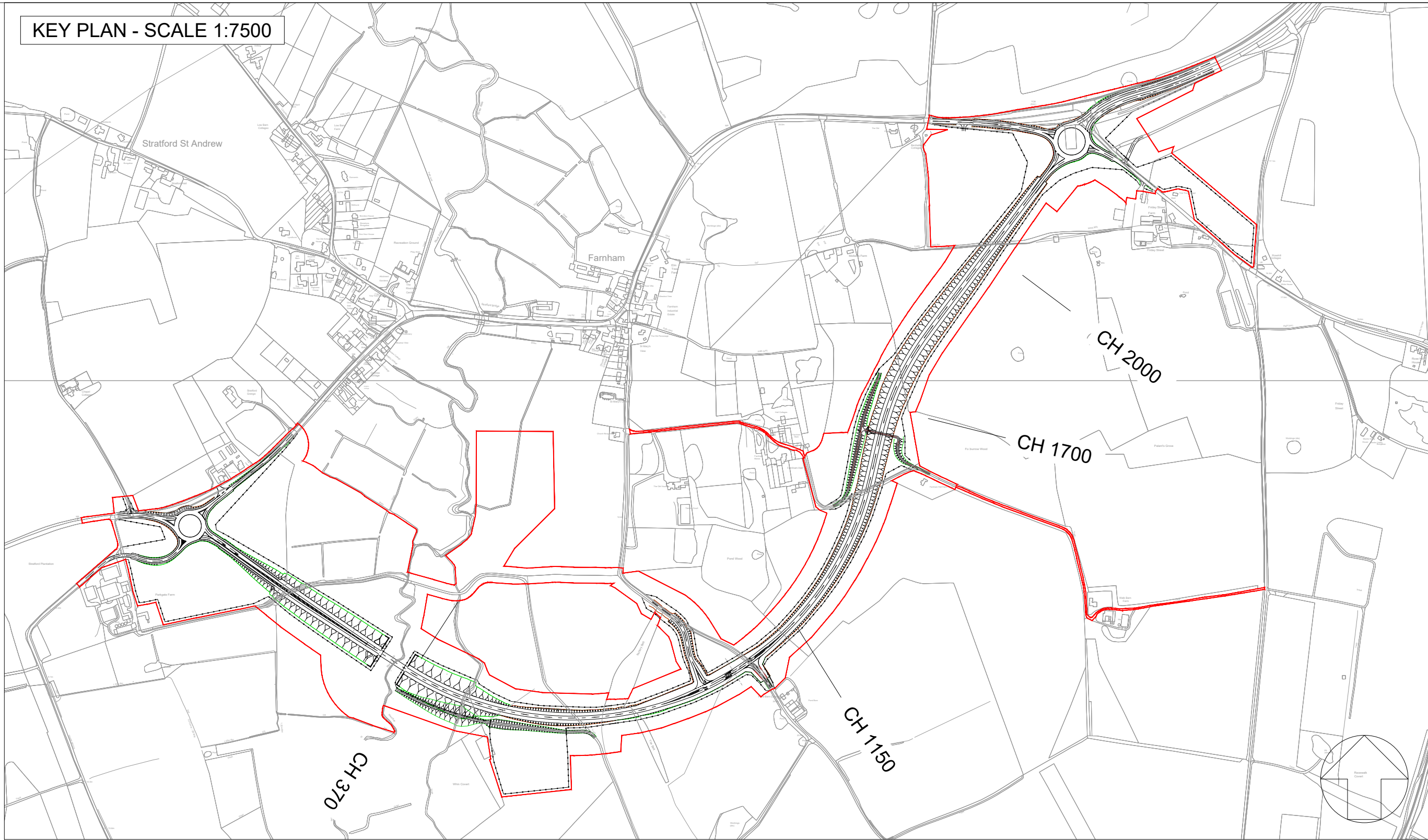
DOCUMENT:
APPLICATION DRAWING
FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
FOXBURROW WOOD FOOTBRIDGE
PROPOSED GENERAL ARRANGEMENT
AND ELEVATION

DRAWING NO: SZC-SZ0204-XX-000-DRW-100290	REVISION: 01
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DATE: FEB 2020	DRAWN: DS	SCALE: AS SHOWN
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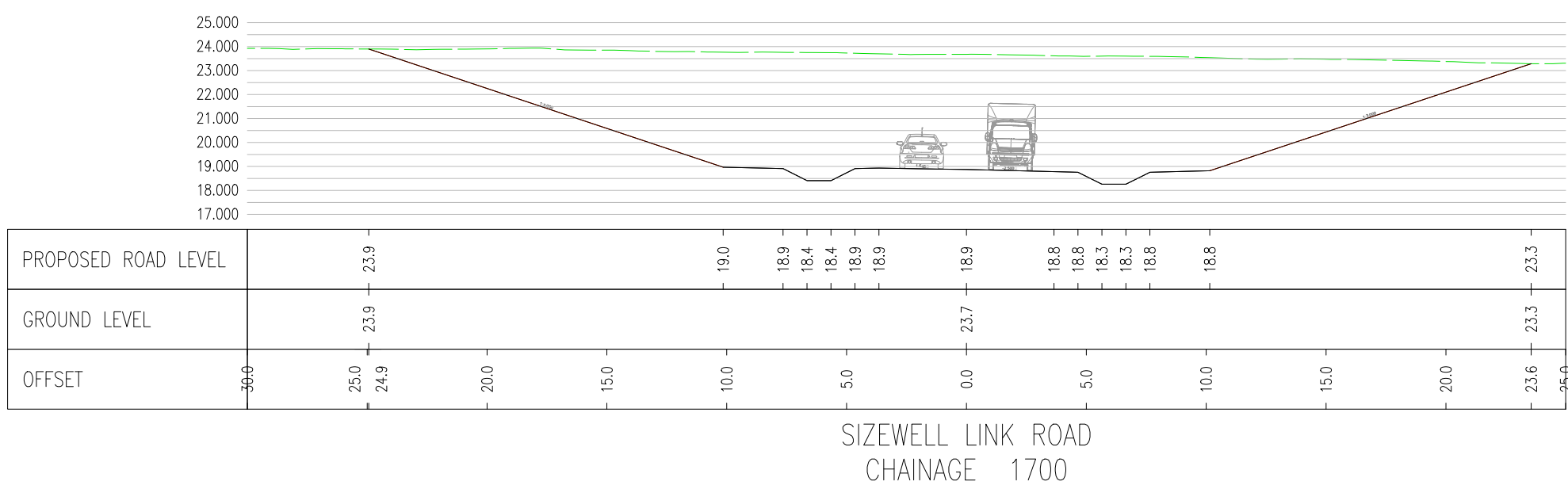
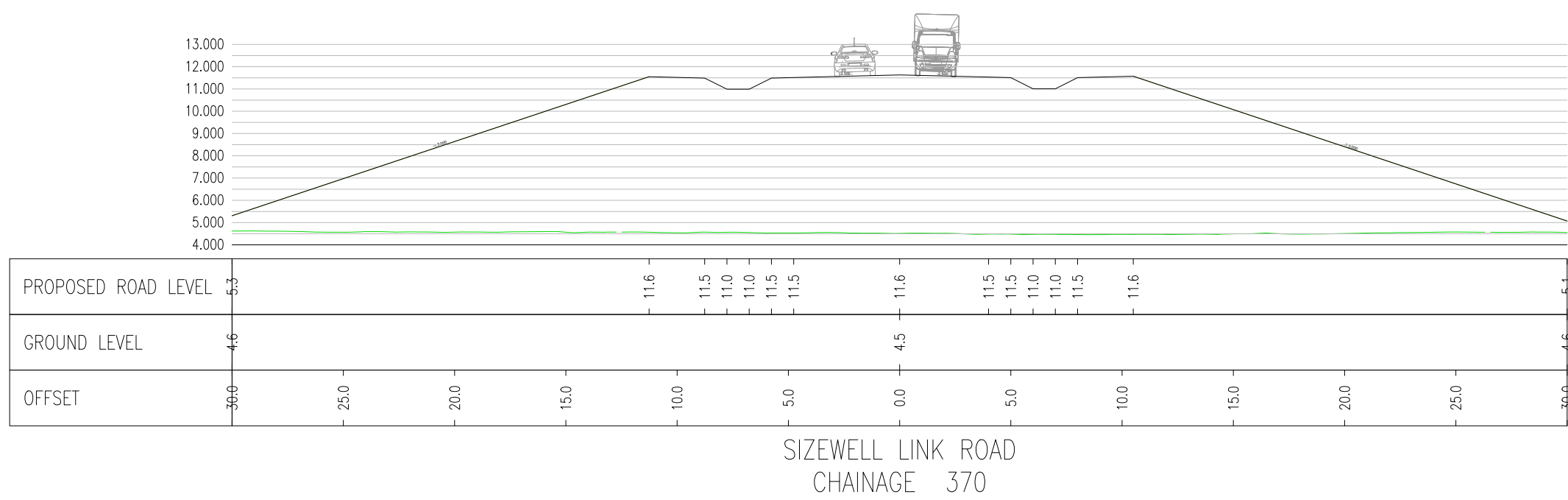
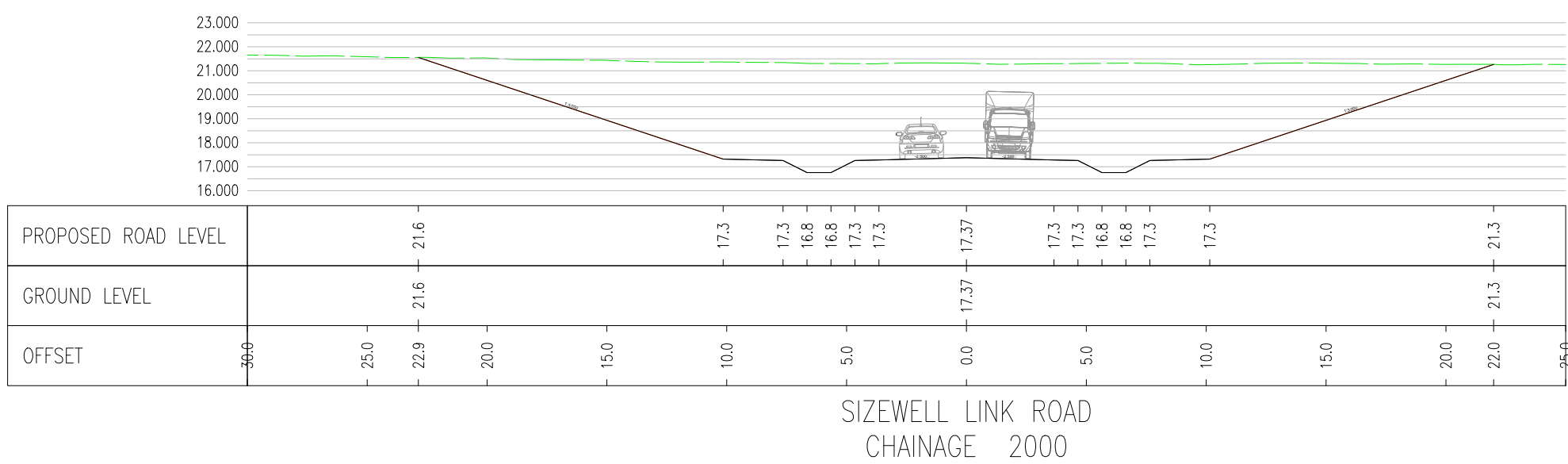
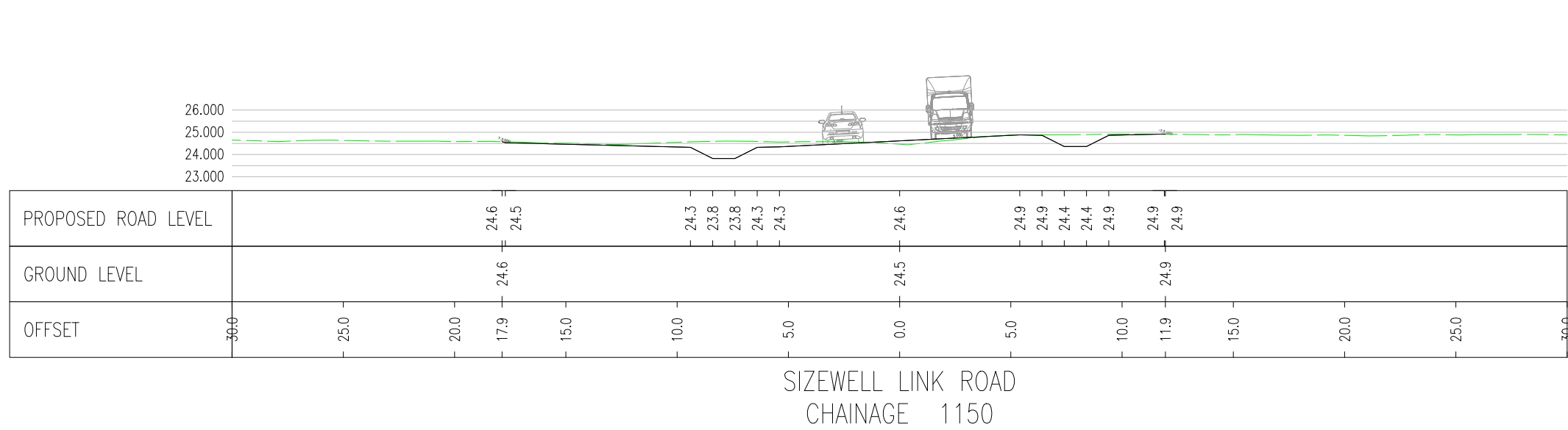
- NOTES:
1. THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSE.
 2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 3. ALL LEVELS ARE IN METRES UNLESS STATED OTHERWISE.
 4. FOR CROSS SECTION LOCATIONS REFER TO THE GENERAL ARRANGEMENT DRAWING SZC-SZ0204-XX-00-DRW-100443.
 5. THE SCHEME DESIGN IS BASED ON ORDNANCE SURVEY MAPPING DATA. THE EXISTING GROUND TERRAIN AND PROPOSED SURFACES ARE BASED ON THE UK GOVERNMENT'S OPEN SOURCE LIDAR DIGITAL TERRAIN MAPPING DATA. ALL POSITIONS AND LEVELS ARE TO BE REVIEWED FOLLOWING COMPLETION OF A DETAILED SITE TOPOGRAPHICAL SURVEY.
 6. ALL PROPOSED ROAD WORKS ARE TO BE IN ACCORDANCE WITH THE DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) OR AS AGREED WITH THE LOCAL HIGHWAY AUTHORITY.
 7. NEW SIGNS AND ROAD MARKINGS WILL BE BASED ON TSRGD 2016 OR AS AGREED WITH THE LOCAL HIGHWAY AUTHORITY.
 8. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 3.
 9. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 9/93.
 10. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB CD 116.

SECTION VIEW KEY:

— DEVELOPMENT SITE BOUNDARY

--- EXISTING GROUND LEVEL

— PROPOSED LEVEL



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PROJECT:

SIZEWELL C

DOCUMENT:

APPLICATION DRAWING -
NOT FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:

TWO VILLAGE BYPASS
CROSS SECTIONS

DRAWING NO:

SZC-SZ0204-XX-000-DRW-100443

REVISION:

01

DATE:

FEB 2020

DRAWN:

MSF

SCALE:

1:250 @ A1

SCALE BAR:

0 1:250 12.5 metres

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
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 4. FOUNDATION DESIGN IS INDICATIVE ONLY.
 5. DRAWING TO BE READ IN CONJUNCTION WITH DRAWING 100290, 100292 AND OTHER SCHEME DRAWINGS.

01	FEB 2020	DS	JL	DOO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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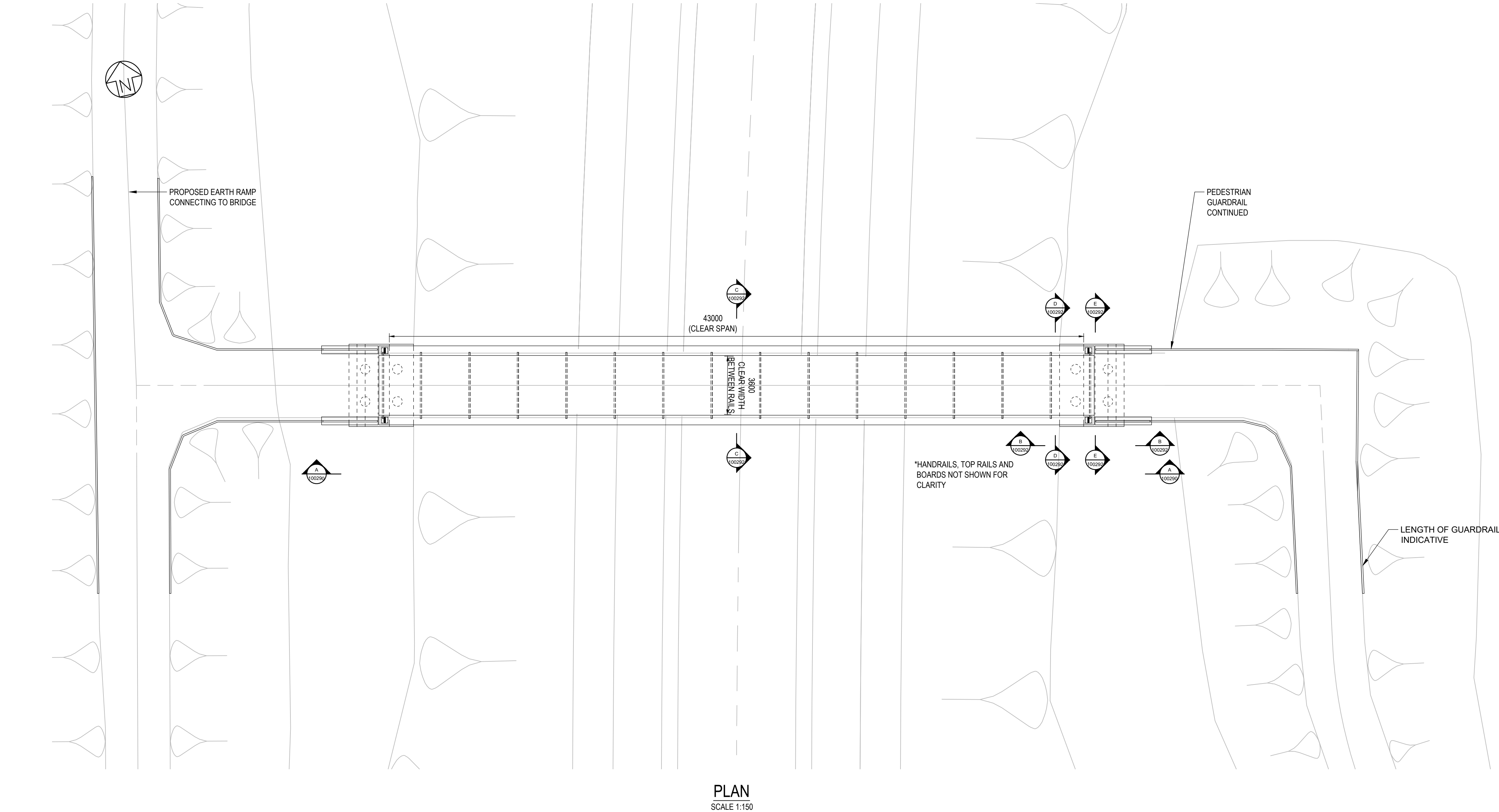
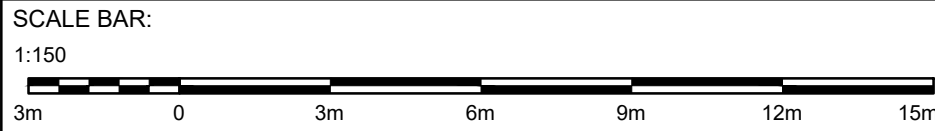
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SIZEWELL C

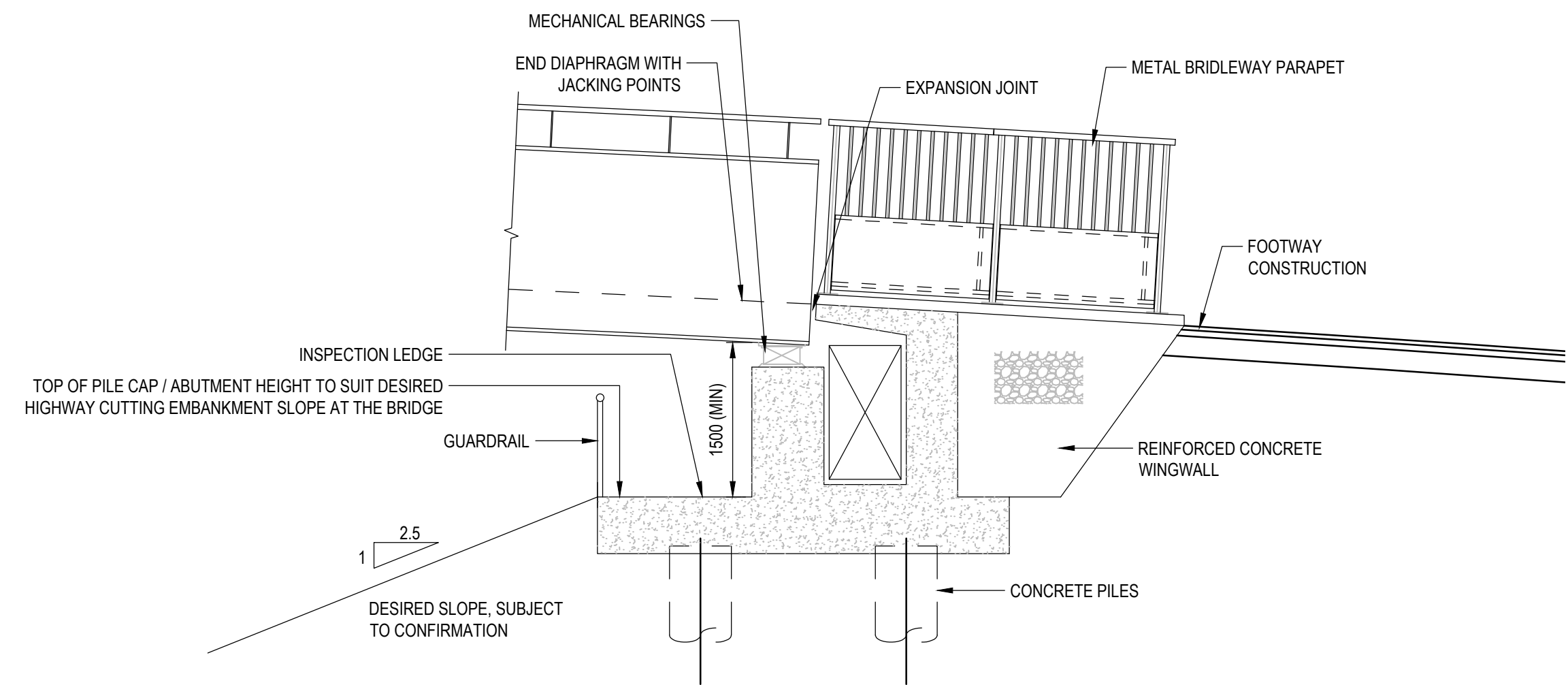
DOCUMENT:
APPLICATION DRAWING
NOT FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
FOXBURROW WOOD FOOTBRIDGE
KEY PLAN FOR CROSS SECTIONS

DRAWING NO: SZC-SZ0204-XX-000-DRW-100291	REVISION: 01
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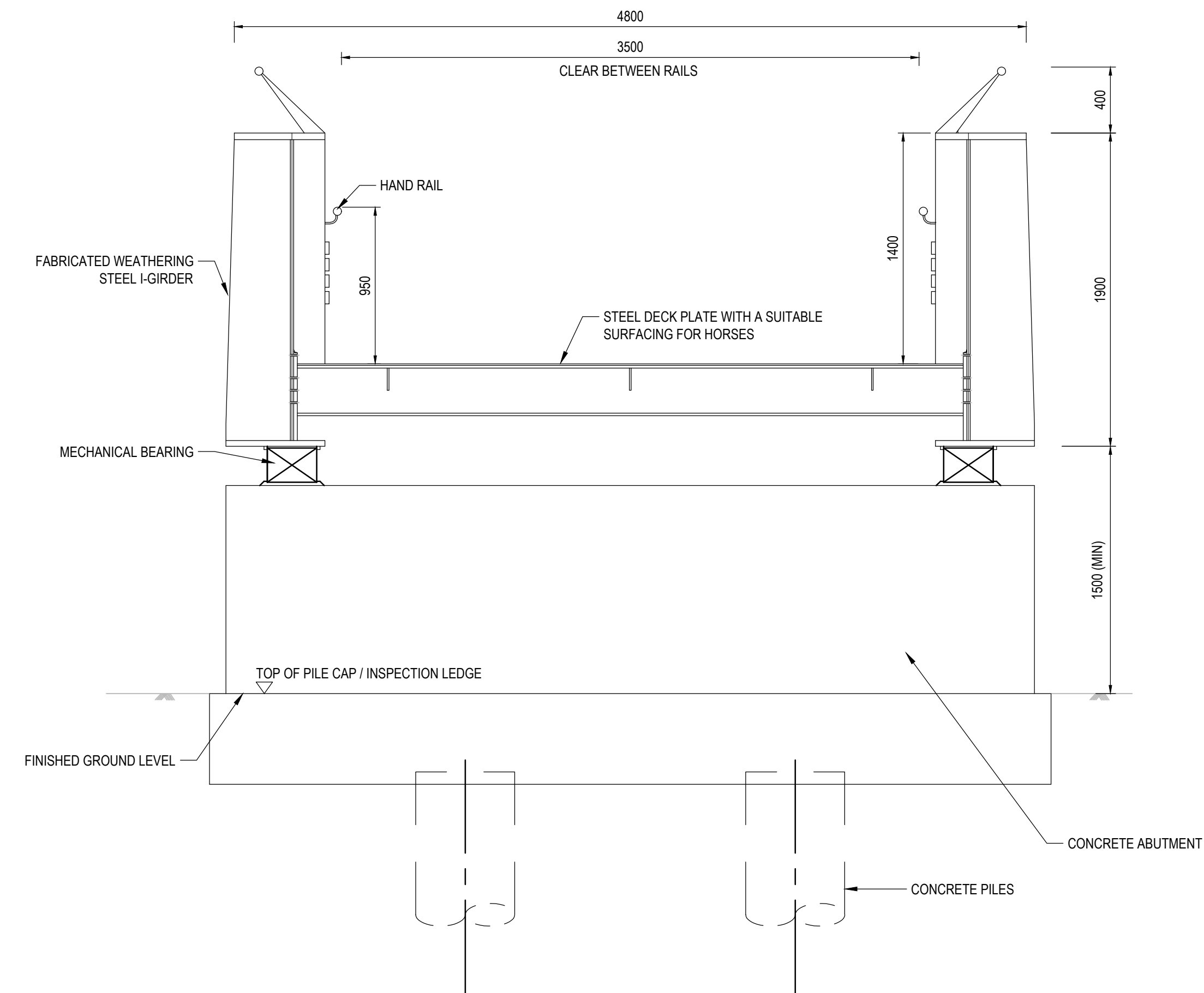
DATE: FEB 2020	DRAWN: DS	SCALE: AS SHOWN
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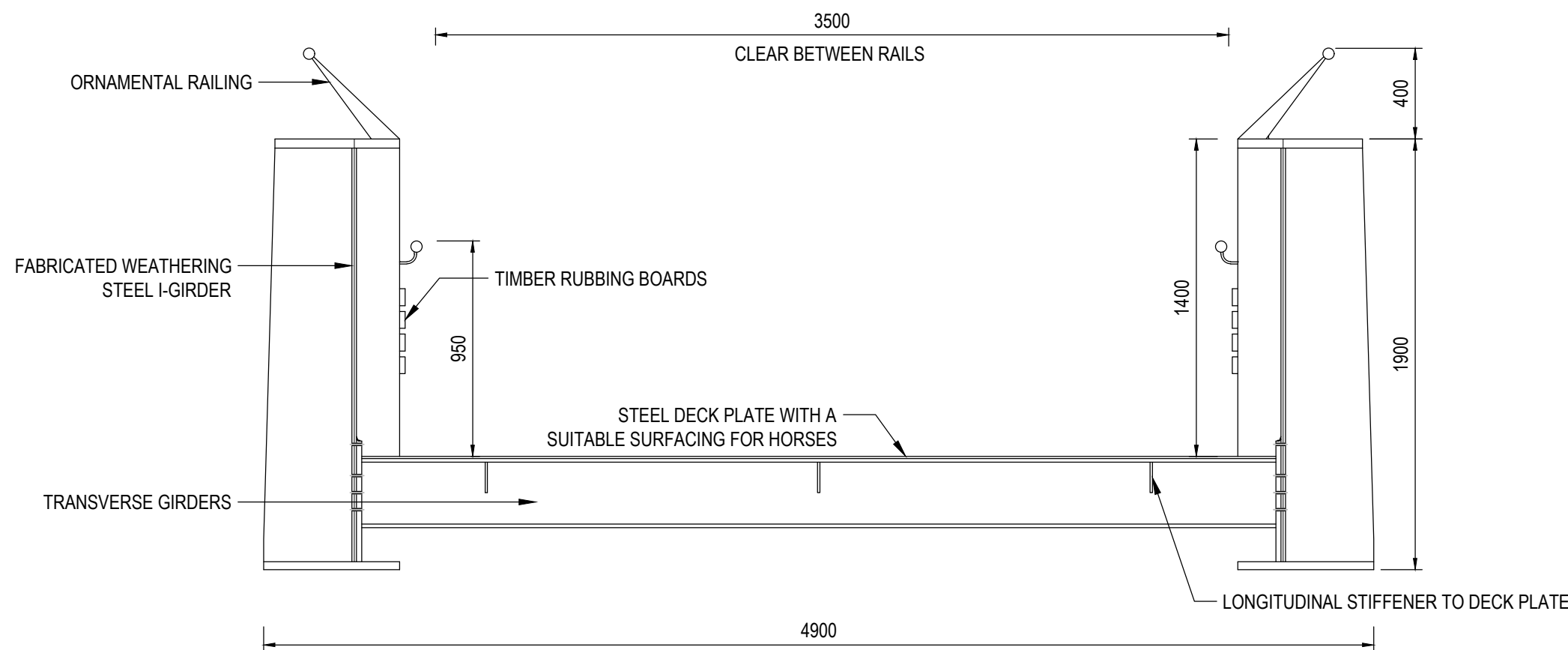
ELEVATION B-B

SCALE 1:50
(CROSS - SECTION AT ABUTMENT)



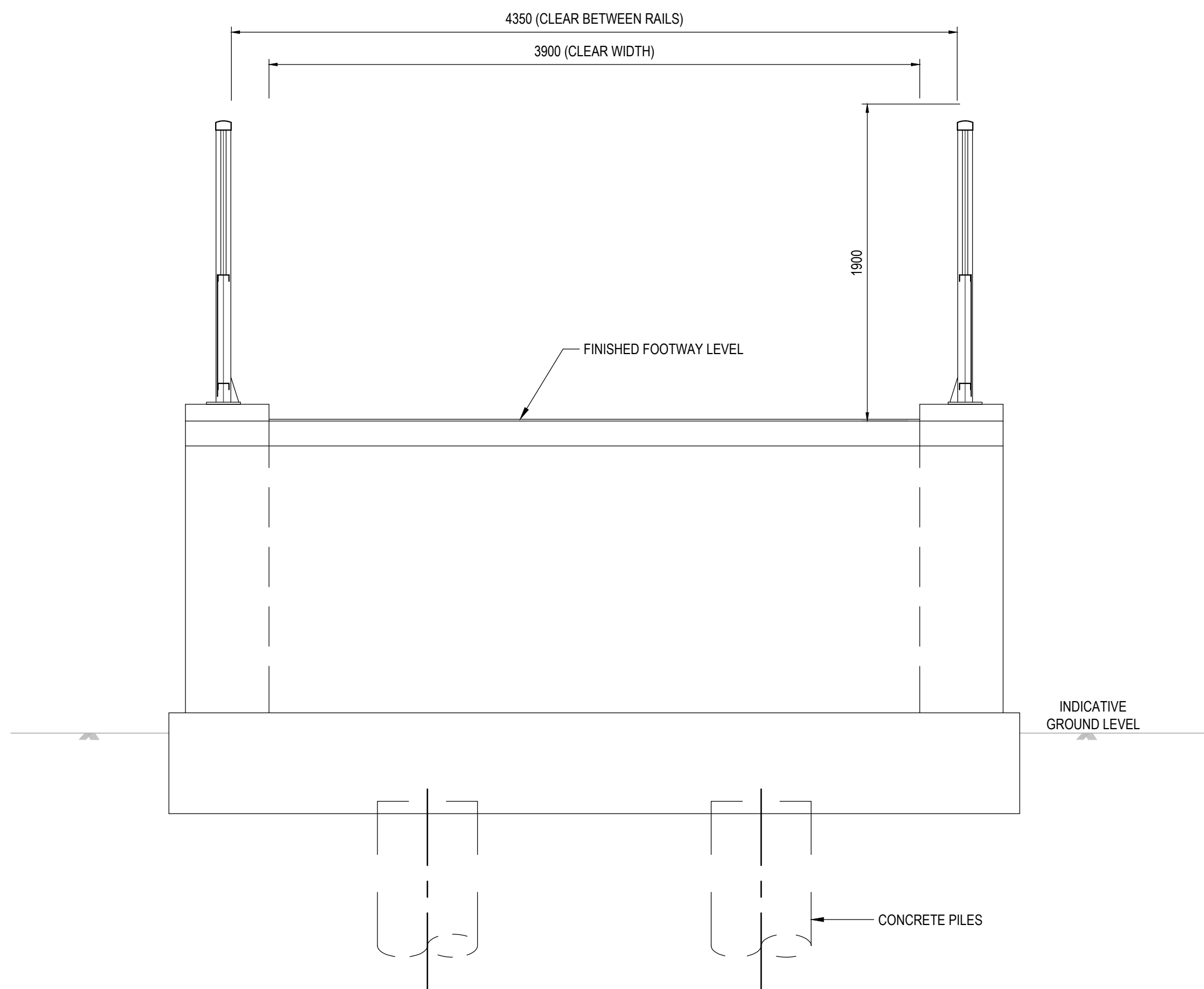
SECTION D-D

SCALE 1:25
(CROSS - SECTION AT ABUTMENT)



SECTION C-C

SCALE 1:25
(CROSS - SECTION AT MIDSPAN)



SECTION E-E

SCALE 1:25
(CROSS - SECTION AT ABUTMENT
THROUGH INSPECTION GALLERY)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
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4. FOUNDATION DESIGN IS INDICATIVE ONLY.
5. DRAWING TO BE READ IN CONJUNCTION WITH DRAWING 100290, 100291 AND OTHER SCHEME DRAWINGS.

01	FEB 2020	DS	JL	DCO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING
NOT FOR APPROVAL
REGULATION 5(2)(o)

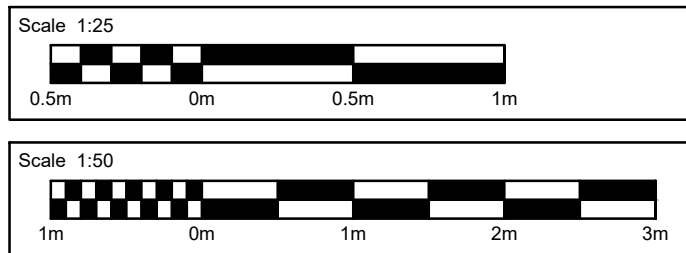
DRAWING TITLE:
FOXBURROW WOOD FOOTBRIDGE
PROPOSED CROSS SECTIONS

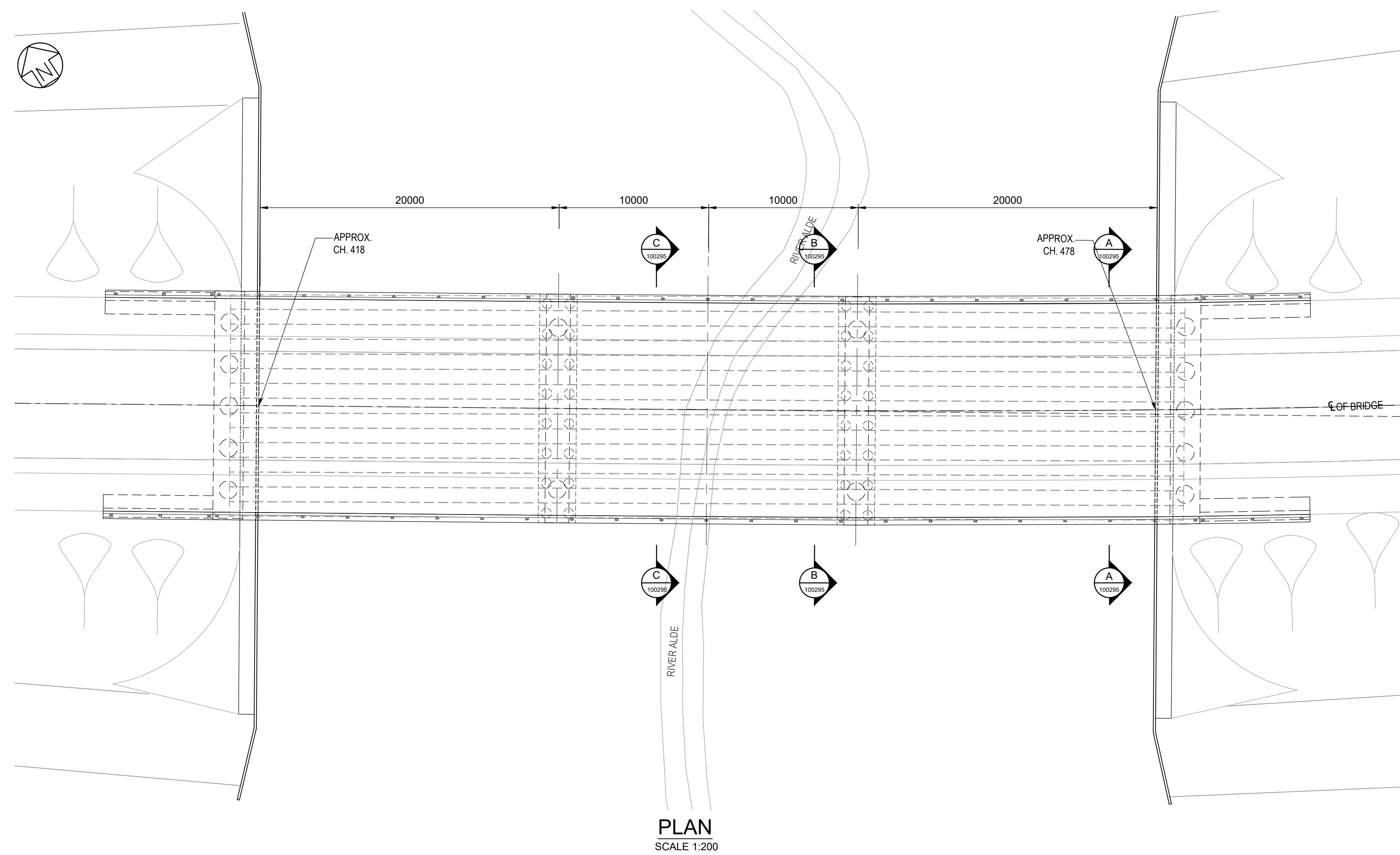
DRAWING NO:
SZC-SZ0204-XX-000-DRW-100292

REVISION:
01

DATE: FEB 2020
DRAWN: DS
SCALE: AS SHOWN

SCALE BAR:
AS SHOWN





- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
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 4. FOUNDATION DESIGN IS INDICATIVE ONLY.
 5. DRAWING TO BE READ IN CONJUNCTION WITH DRAWING 100293, 100295 AND OTHER SCHEME DRAWINGS.

01	FEB 2020	KS	JL	DDO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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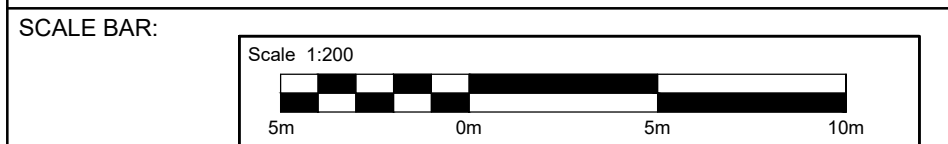
PROJECT:
SIZEWELL C

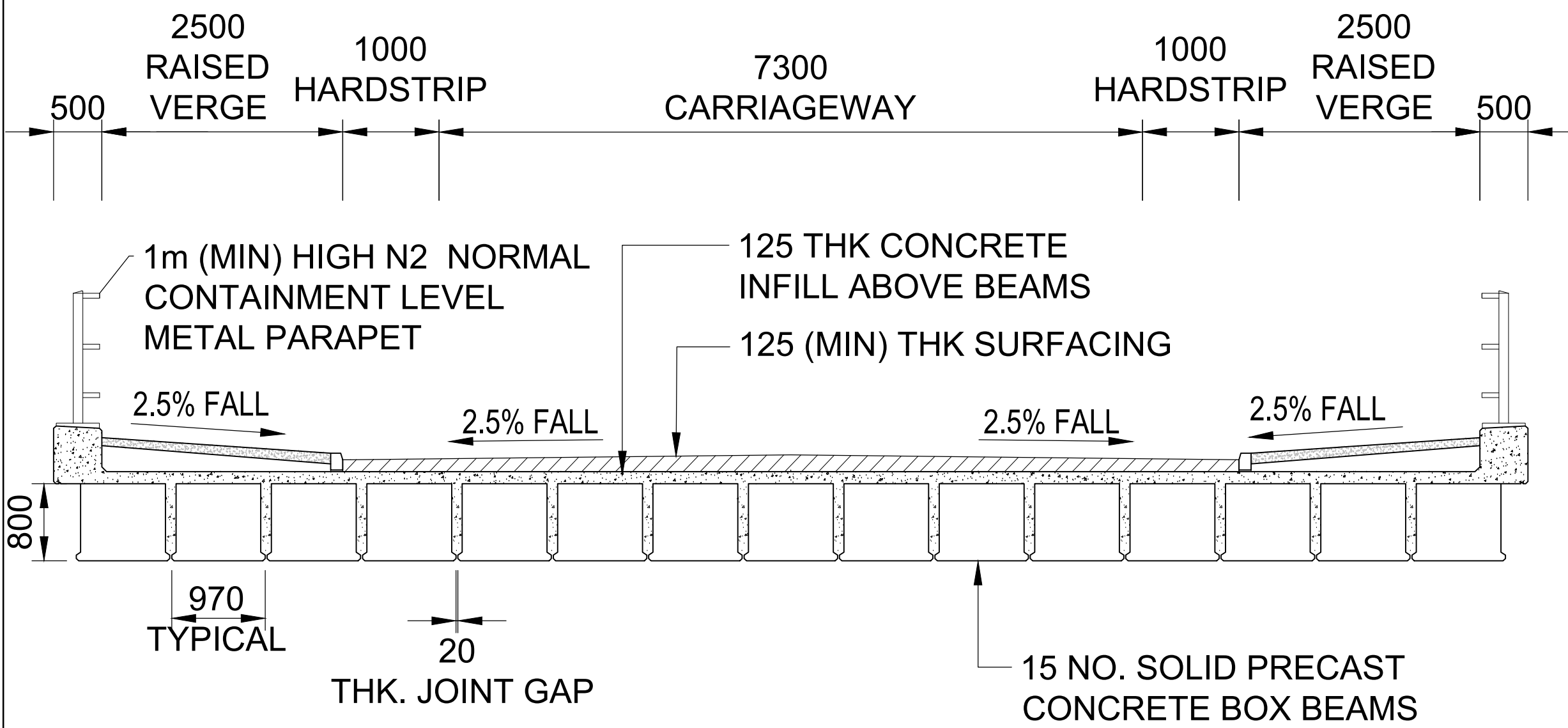
DOCUMENT:
APPLICATION DRAWING
NOT FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
RIVER ALDE OVERBRIDGE
KEY PLAN FOR CROSS SECTIONS

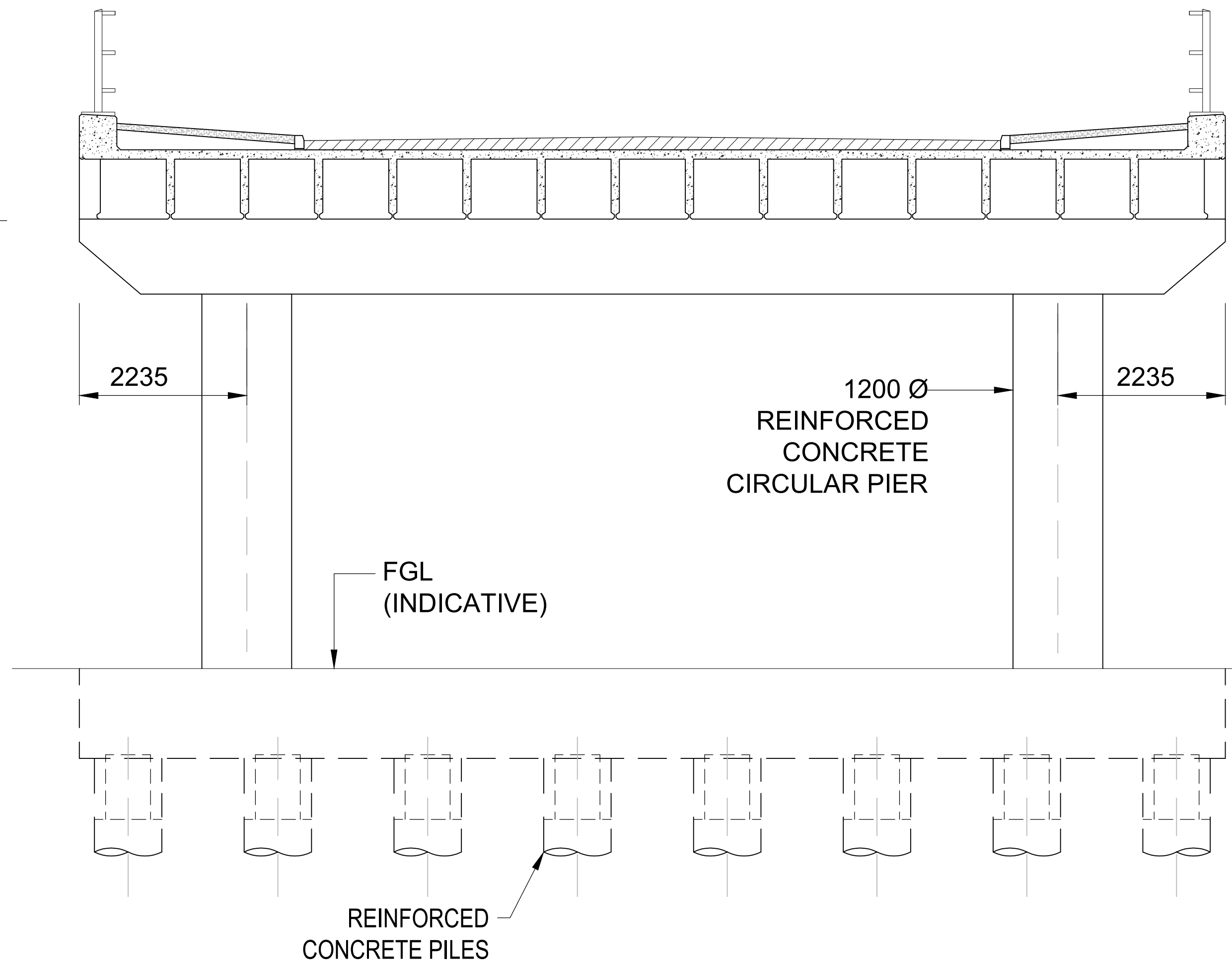
DRAWING NO: SZC-SZ0204-XX-000-DRW-100294	REVISION: 01
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DATE: FEB 2020	DRAWN: KS	SCALE: AS SHOWN
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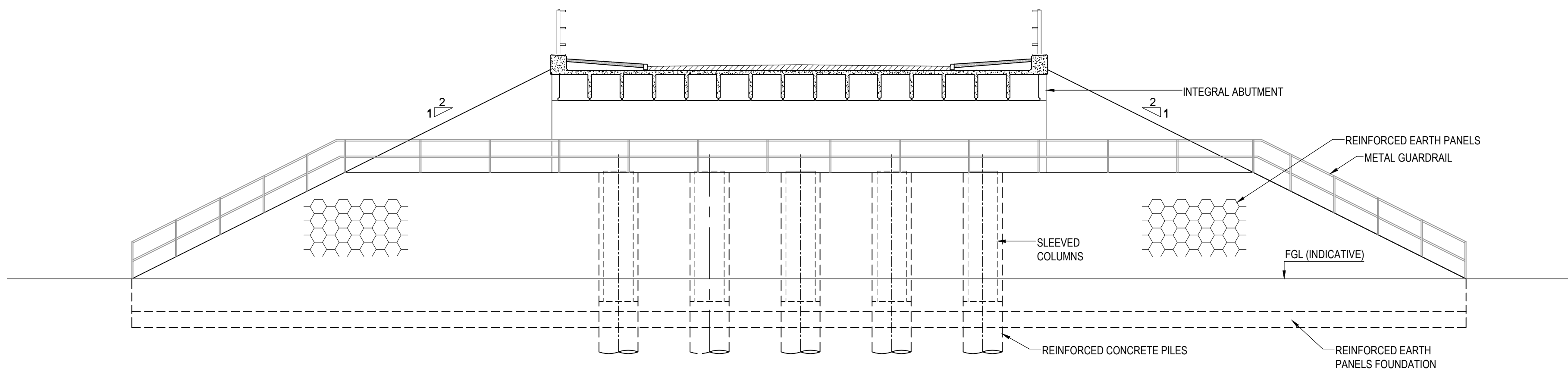




SECTION C-C (AT MIDSPAN)
SCALE 1:50



SECTION B-B (AT PIER)
SCALE 1:50



SECTION A-A (AT ABUTMENT)
SCALE 1:100

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (AOD) AND ALL CHAINAGES ARE IN METERS, UNLESS OTHERWISE INDICATED.
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4. FOUNDATION DESIGN IS INDICATIVE ONLY.
5. DRAWING TO BE READ IN CONJUNCTION WITH DRAWING 100293, 100294 AND OTHER SCHEME DRAWINGS.

01	FEB 2020	KS	JL	DDO SUBMISSION	SZC CO
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING
NOT FOR APPROVAL
REGULATION 5(2)(o)

DRAWING TITLE:
RIVER ALDE OVERBRIDGE
PROPOSED CROSS SECTIONS

DRAWING NO:
SZC-SZ0204-XX-000-DRW-100295

REVISION:
01

DATE:
FEB 2020

DRAWN:
KS

SCALE:
AS SHOWN

