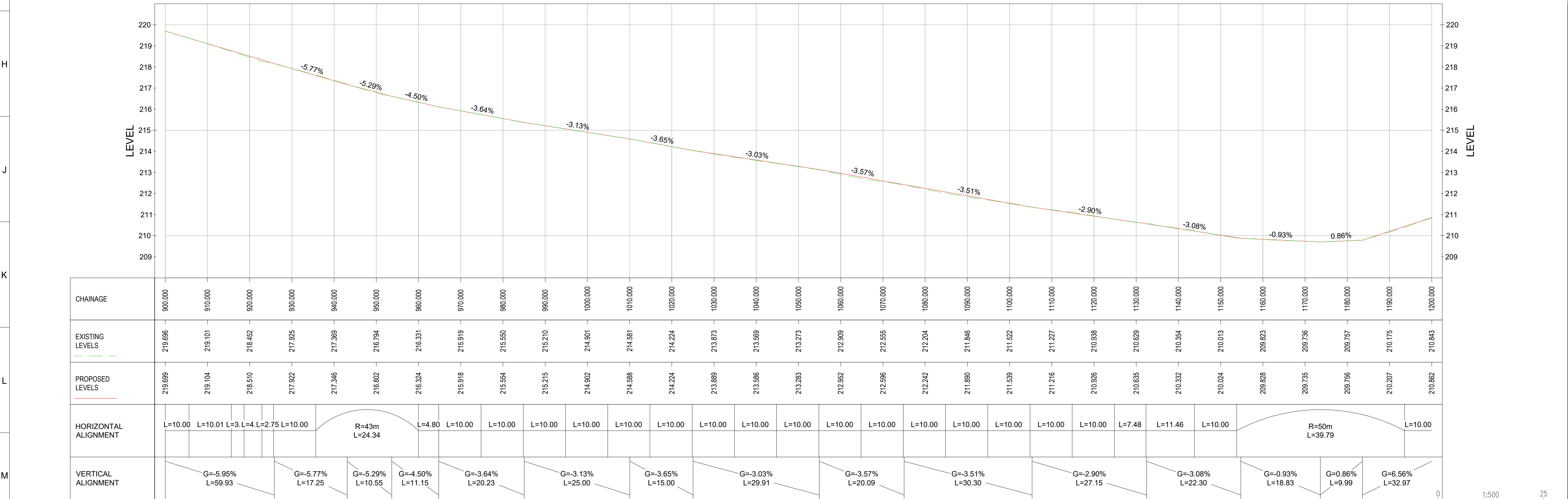


CL ALIGNMENT NPR TO PLATFORM - LONGSECTION  
SCALE: H 1:500,V 1:100  
DATUM: 208.00



**Designer's Site Specific Risk Assessment**

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

By: \_\_\_\_\_ Date: \_\_\_\_\_

☐ No works associated with this drawing

**HAZARDS/ ACTIVITY** - Assessed as Low (L) / Medium (M) / High (H)

- Falls From Height	- Drowning/Fall onto Rebar
- Hazardous Material	- Contaminated Land
- Excavation/Service Strike	- Poor Ground conditions
- HAVS	- Site Fabrication/Drilling
- Confined Workplace	- Manual Handling
- Access/Egress	- Stored Energy
- Weight Limit	- Congested site
- Residual Electricity	- Existing equipment in close proximity

**Interfaces:** ☐ Public ☐ Operatives ☐ Vehicle/Plant

**WHO COULD BE HARMED?**

- Construction operatives	- Existing work instruction
- Dismantling crew	- Method detailed on drawing
- Future maintenance crew	- Method detailed on separate document
-	-

**CONTROL MEASURES**

- Existing work instruction
- Method detailed on drawing
- Method detailed on separate document
-

**TEMPORARY WORKS**

- No temporary works required	
- Temporary works required and documented separately	
- Drawing contains temporary works:	
DC00 -	} Complete temporary works design check certificate ENG-SF-0101C
DC01 -	
DC2 - More complex design	
DC3 - Complex/Innovative	
DC4 - Abnormal Highly innovative	

**Level 1 Control**

☐ OK to proceed, no significant design hazards and risks, standard control measures apply.

**Level 2 Control**

☐ OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

**Level 3 Control**

☐ OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training.

**CDM REGULATIONS RESIDUAL RISKS**

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.

**RESIDUAL RISK METER**

LOW MEDIUM HIGH

OVERALL RISK SCORE = xx / xx

DRAWN	BG	REMARKS:
CHKD	KT	REISSUED FOR PLANNING
DESIGN	RV	STATUS S5 DATE 25/05/2024
APPD	MD	FOR ACCEPTANCE REV P04
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 26/11/2024
APPD	NM	FOR ACCEPTANCE REV P03
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 15/11/2024
APPD	NM	FOR ACCEPTANCE REV P02
DRAWN	BG	REMARKS:
CHKD	MD	2C RESUBMISSION
DESIGN	RV	STATUS S5 DATE 17/09/2024
APPD	NM	FOR ACCEPTANCE REV P01

**Scottish & Southern Electricity Networks**

**Balfour Beatty**

PROJECT NAME: ASTI - ECE

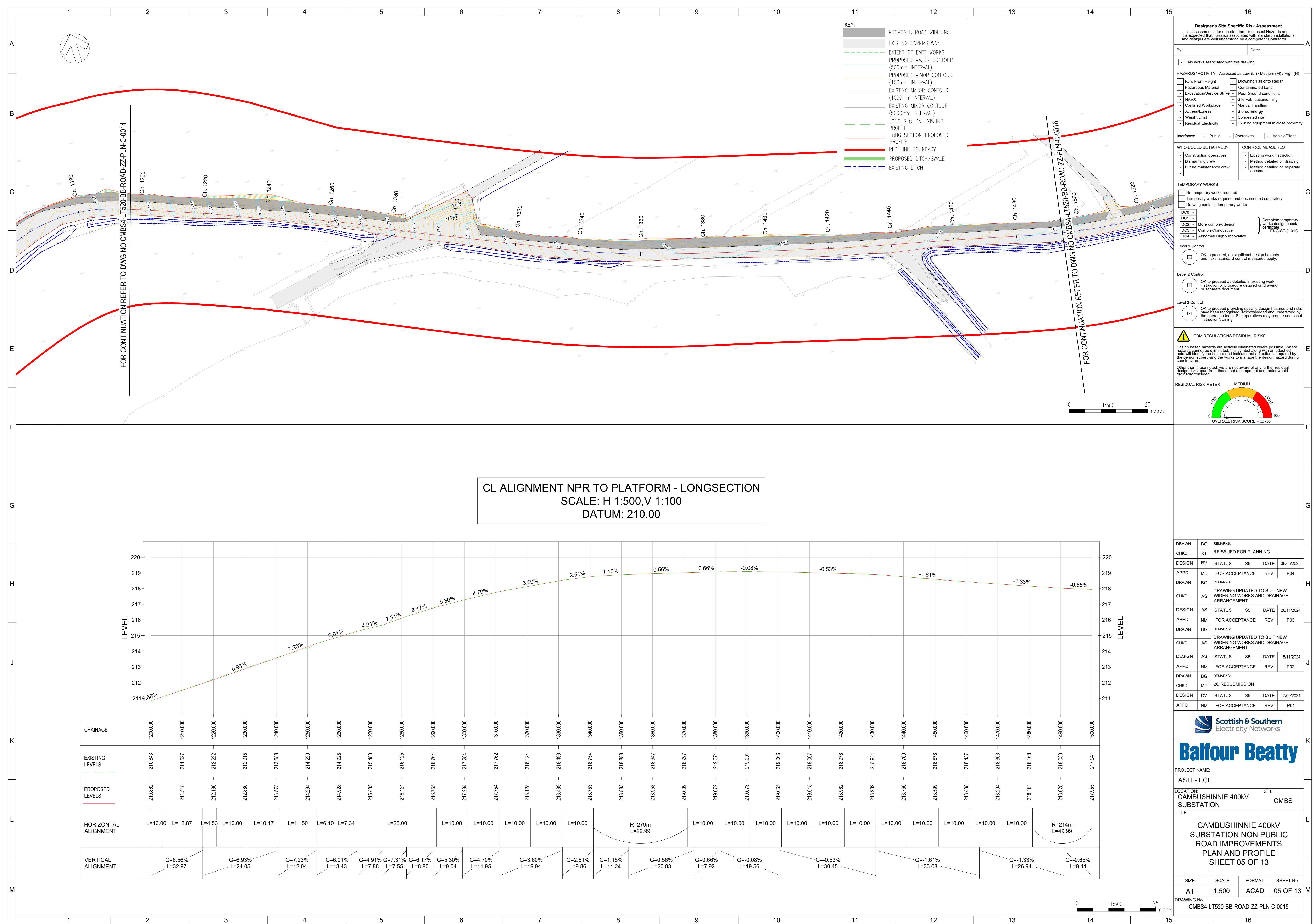
LOCATION: CAMBUSHINNIE 400kV SUBSTATION SITE: CMBS

TITLE: CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS PLAN AND PROFILE SHEET 04 OF 13

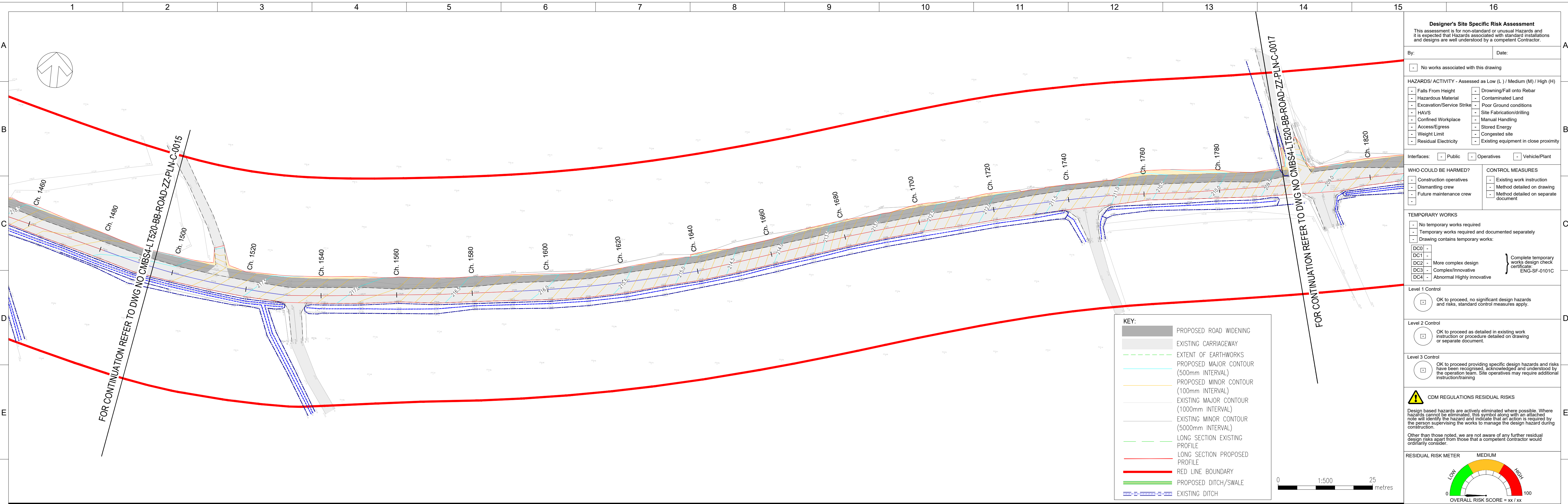
SIZE	SCALE	FORMAT	SHEET No.
A1	1:500	ACAD	04 OF 13

DRAWING No. CMBS4-LT520-BB-ROAD-ZZ-PLN-C-0014

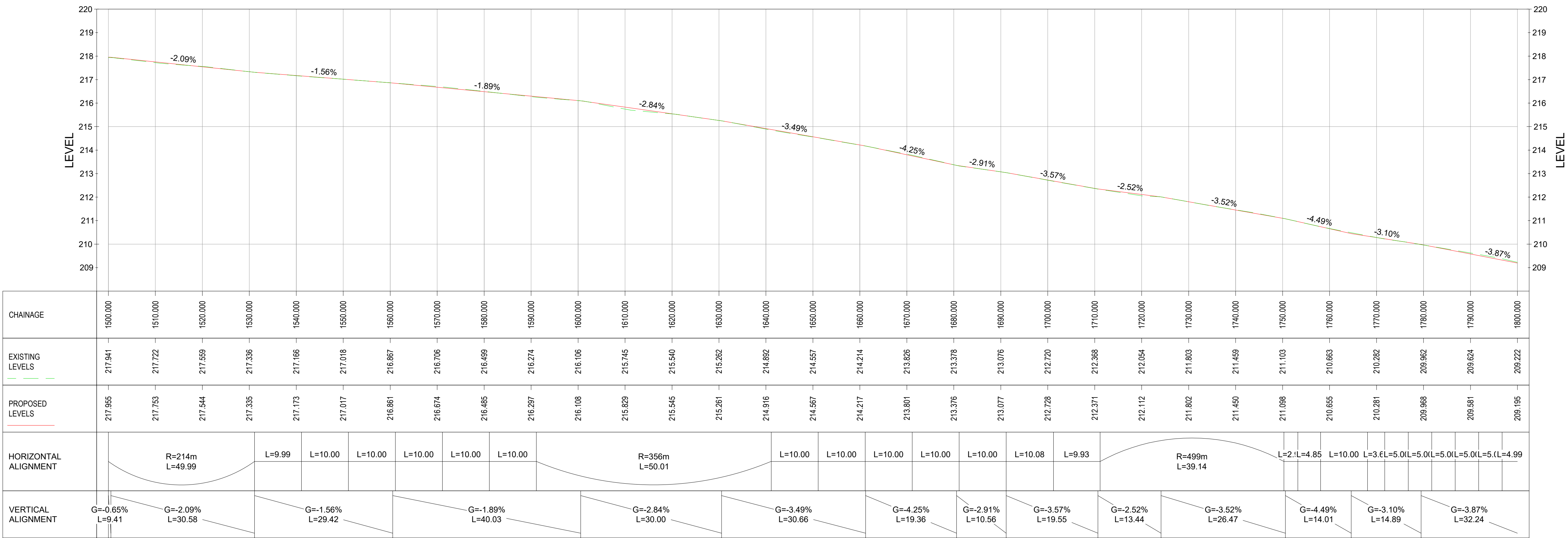








CL ALIGNMENT NPR TO PLATFORM - LONGSECTION  
SCALE: H 1:500,V 1:100  
DATUM: 208.00



DRAWN	BG	REMARKS:
CHKD	KT	REISSUED FOR PLANNING
DESIGN	RV	STATUS S5 DATE 06/05/2025
APPD	MD	FOR ACCEPTANCE REV P04
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 26/11/2024
APPD	NM	FOR ACCEPTANCE REV P03
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 15/11/2024
APPD	NM	FOR ACCEPTANCE REV P02
DRAWN	BG	REMARKS:
CHKD	MD	2C RESUBMISSION
DESIGN	RV	STATUS S5 DATE 17/09/2024
APPD	NM	FOR ACCEPTANCE REV P01



**Balfour Beatty**

PROJECT NAME:  
ASTI - ECE

LOCATION:  
CAMBUSHINNIE 400kV SUBSTATION

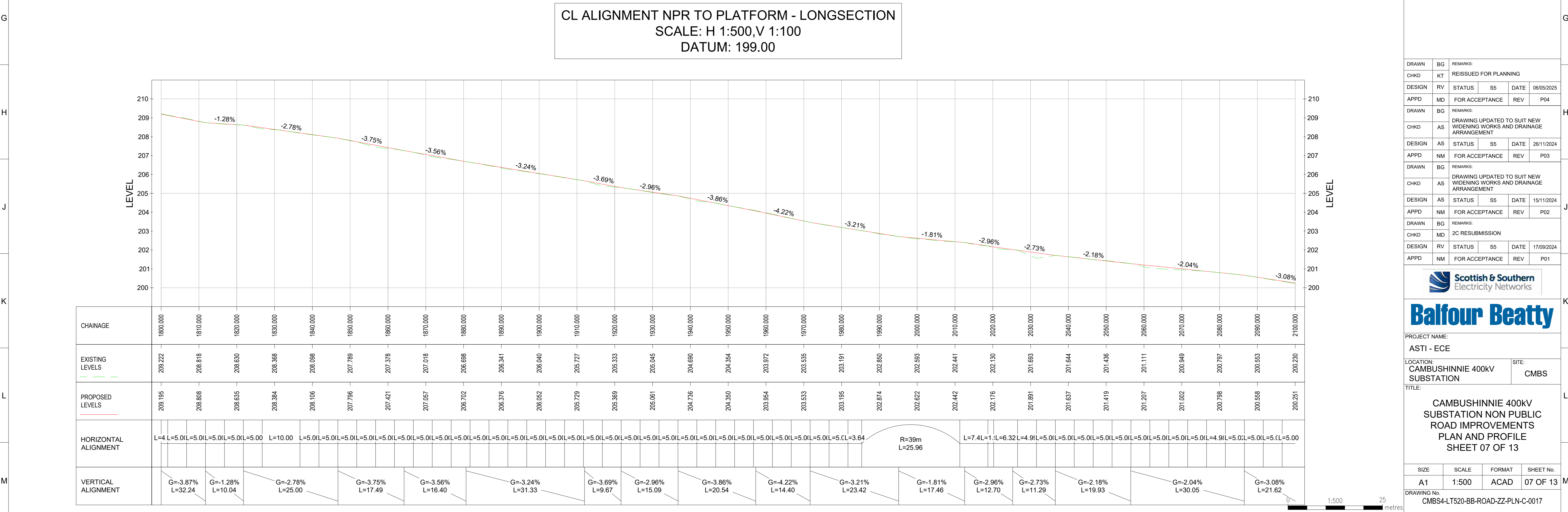
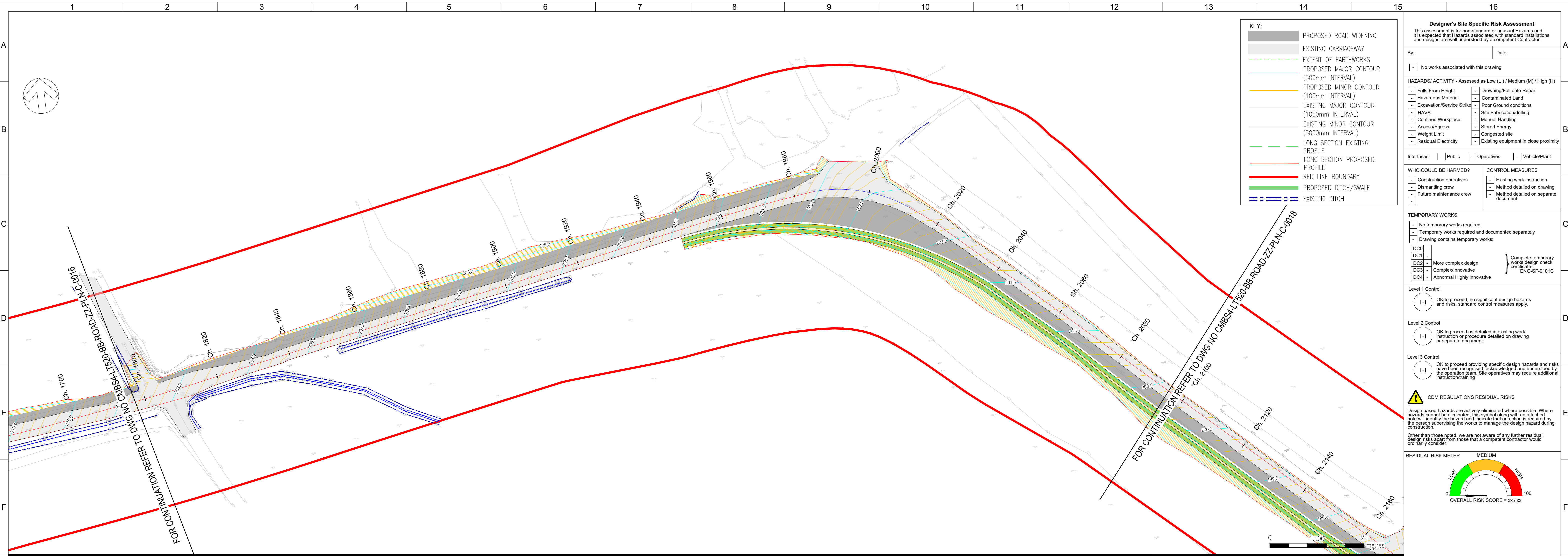
SITE:  
CMBS

TITLE:  
CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS PLAN AND PROFILE SHEET 06 OF 13

SIZE	SCALE	FORMAT	SHEET No.
A1	1:500	ACAD	06 OF 13

DRAWING No.  
CMBS4-LT520-BB-ROAD-ZZ-PLN-C-0016





Designer's Site Specific Risk Assessment

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

By: \_\_\_\_\_ Date: \_\_\_\_\_

☐ No works associated with this drawing

HAZARDS/ ACTIVITY - Assessed as Low (L) / Medium (M) / High (H)

<input type="checkbox"/> Falls From Height	<input type="checkbox"/> Drowning/Fall onto Rebar
<input type="checkbox"/> Hazardous Material	<input type="checkbox"/> Contaminated Land
<input type="checkbox"/> Excavation/Service Strike	<input type="checkbox"/> Poor Ground conditions
<input type="checkbox"/> H&WS	<input type="checkbox"/> Site Fabrication/Drilling
<input type="checkbox"/> Confined Workplace	<input type="checkbox"/> Manual Handling
<input type="checkbox"/> Access/Egress	<input type="checkbox"/> Stored Energy
<input type="checkbox"/> Weight Limit	<input type="checkbox"/> Congested site
<input type="checkbox"/> Residual Electricity	<input type="checkbox"/> Existing equipment in close proximity

Interfaces: ☐ Public ☐ Operatives ☐ Vehicle/Plant

WHO COULD BE HARMED?

<input type="checkbox"/> Construction operatives	<input type="checkbox"/> Existing work instruction
<input type="checkbox"/> Dismantling crew	<input type="checkbox"/> Method detailed on drawing
<input type="checkbox"/> Future maintenance crew	<input type="checkbox"/> Method detailed on separate document

CONTROL MEASURES

TEMPORARY WORKS

- No temporary works required
- Temporary works required and documented separately
- Drawing contains temporary works:

DC01	} Complete temporary works design check certificate ENG-SF-0101C
DC1	
DC2	
DC3	
DC4	Abnormal Highly innovative

Level 1 Control

☐ OK to proceed, no significant design hazards and risks, standard control measures apply.

Level 2 Control

☐ OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

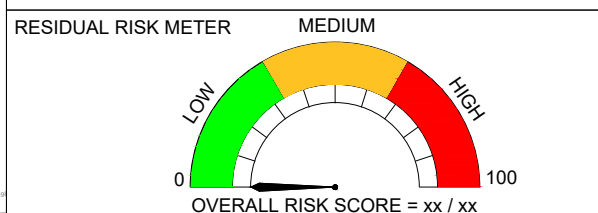
Level 3 Control

☐ OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training.

CDM REGULATIONS RESIDUAL RISKS

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.



DRAWN	BG	REMARKS:
CHKD	KT	REISSUED FOR PLANNING
DESIGN	RV	STATUS S5 DATE 06/05/2025
APPD	MD	FOR ACCEPTANCE REV P04
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 26/11/2024
APPD	NM	FOR ACCEPTANCE REV P03
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 15/11/2024
APPD	NM	FOR ACCEPTANCE REV P02
DRAWN	BG	REMARKS:
CHKD	MD	2C RESUBMISSION
DESIGN	RV	STATUS S5 DATE 17/09/2024
APPD	NM	FOR ACCEPTANCE REV P01



PROJECT NAME: ASTI - ECE

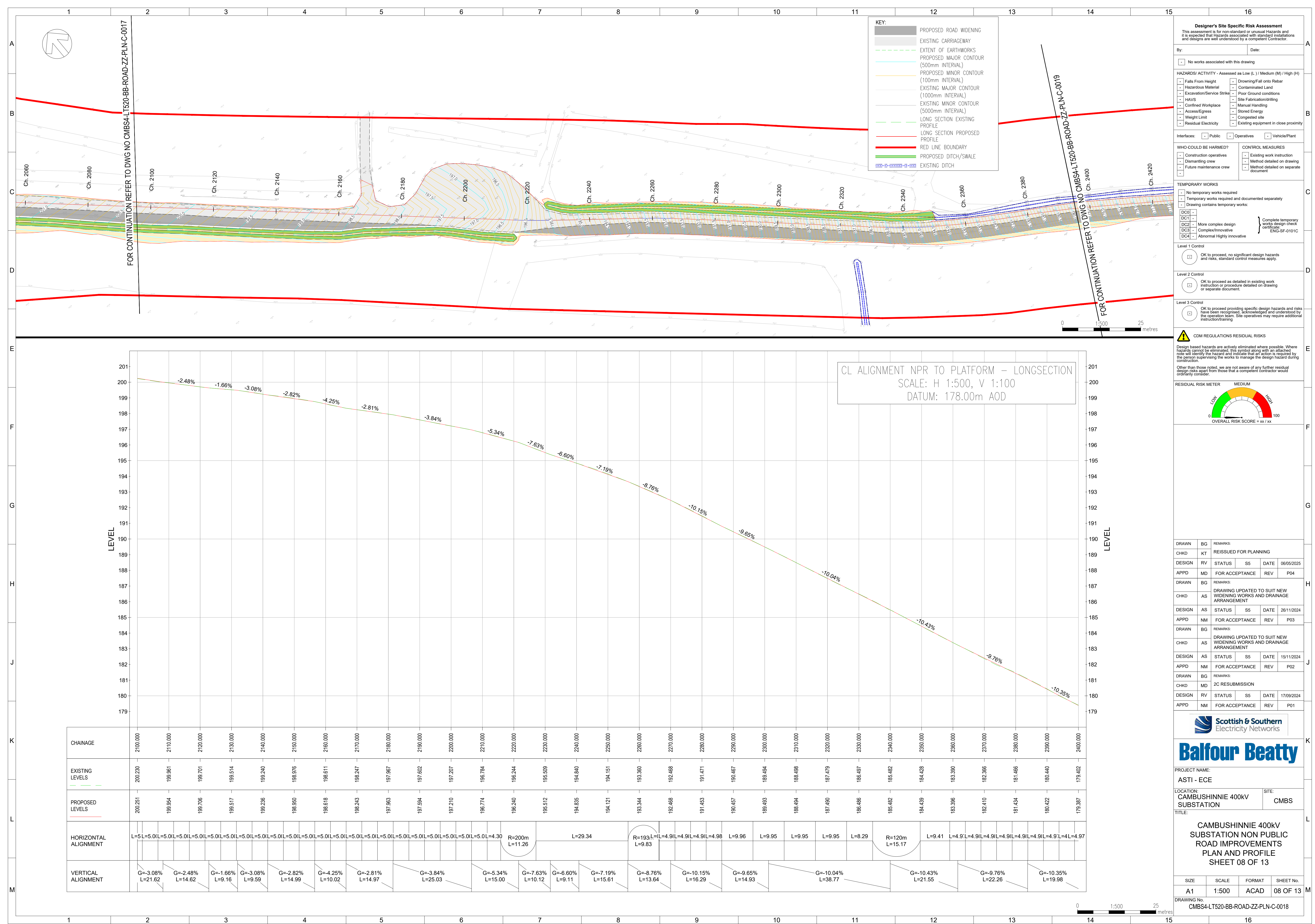
LOCATION: CAMBUSHINNIE 400kV SUBSTATION SITE: CMBS

TITLE: CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS PLAN AND PROFILE SHEET 07 OF 13

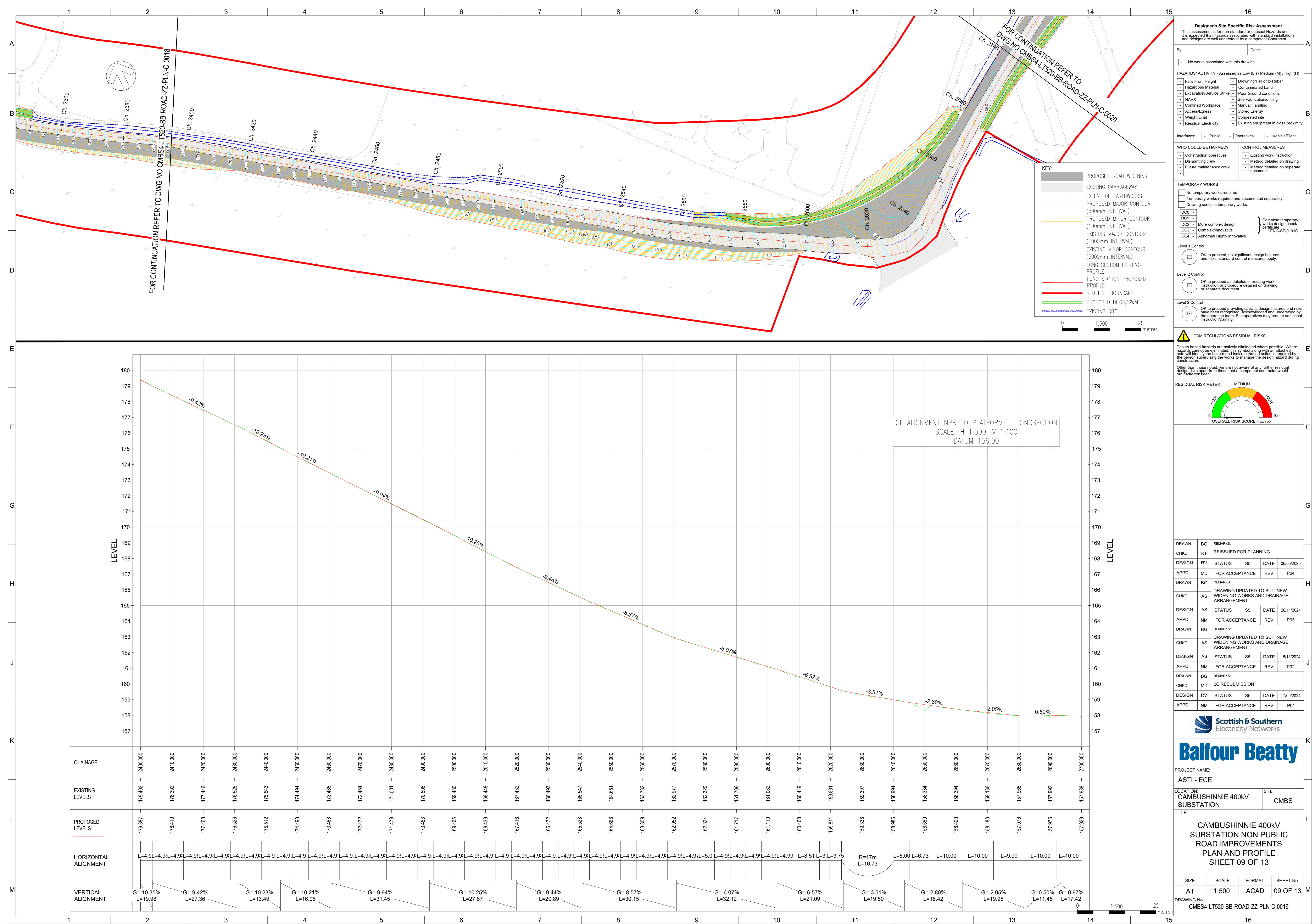
SIZE	SCALE	FORMAT	SHEET No.
A1	1:500	ACAD	07 OF 13

DRAWING No. CMB4-LT50-BB-ROAD-ZZ-PLN-C-0017

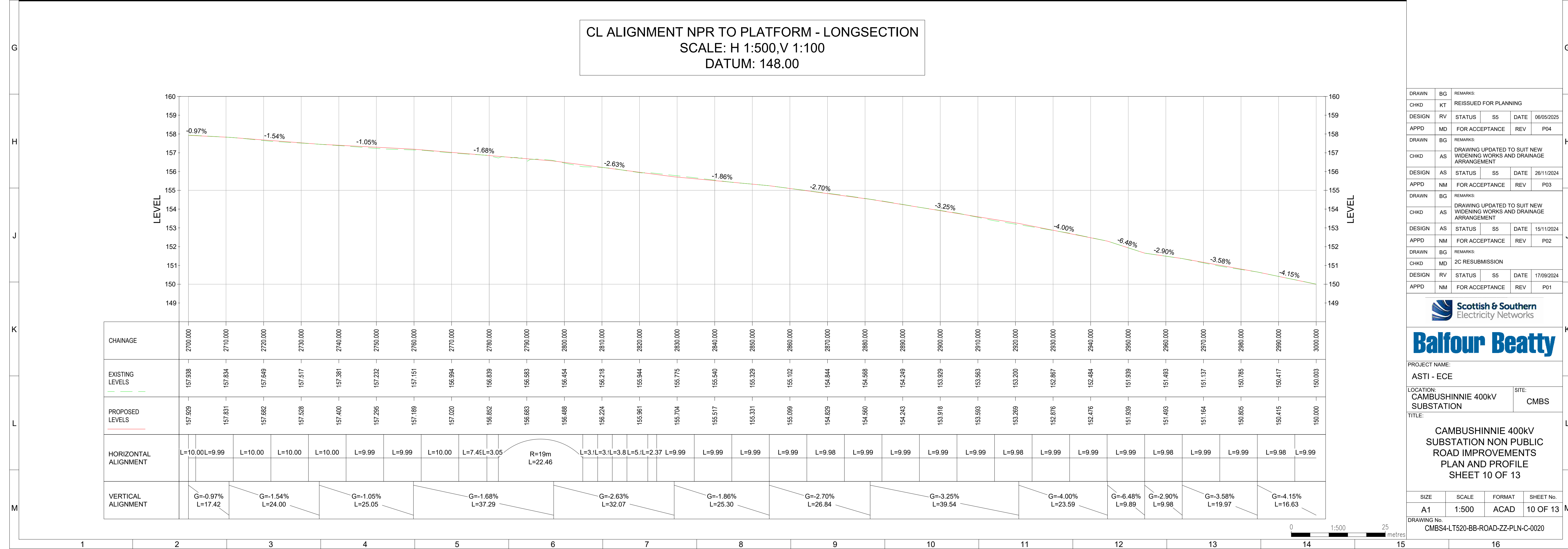




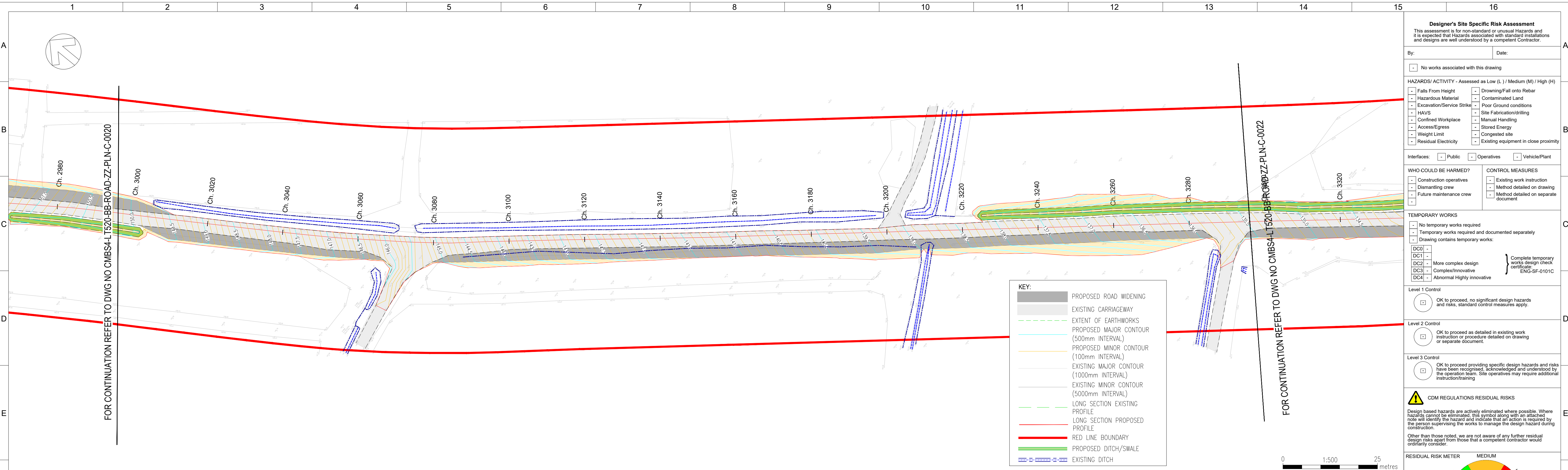




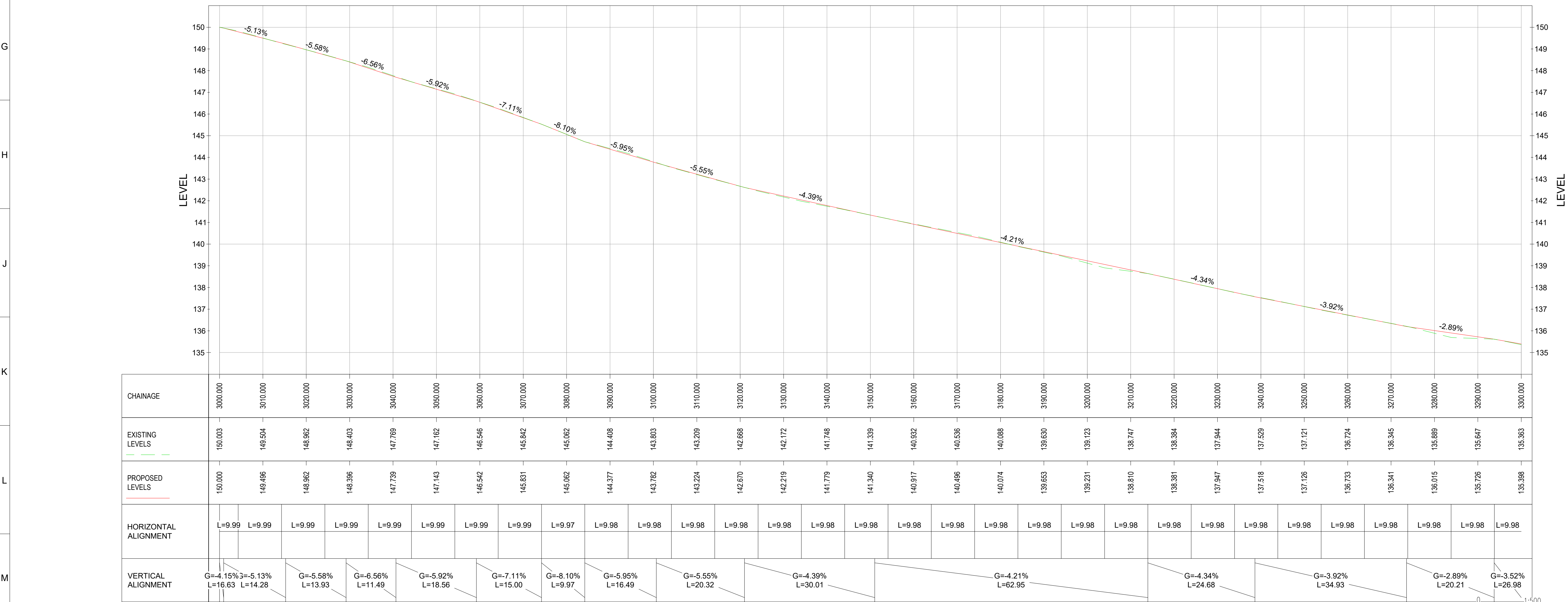








CL ALIGNMENT NPR TO PLATFORM - LONGSECTION  
SCALE: H 1:500,V 1:100  
DATUM: 134.00



**Designer's Site Specific Risk Assessment**

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

By: \_\_\_\_\_ Date: \_\_\_\_\_

☐ No works associated with this drawing

HAZARDS/ ACTIVITY - Assessed as Low (L) / Medium (M) / High (H)

<input type="checkbox"/> Falls From Height	<input type="checkbox"/> Drowning/Fall onto Rebar
<input type="checkbox"/> Hazardous Material	<input type="checkbox"/> Contaminated Land
<input type="checkbox"/> Excavation/Service Strike	<input type="checkbox"/> Poor Ground conditions
<input type="checkbox"/> HAVS	<input type="checkbox"/> Site Fabrication/Drilling
<input type="checkbox"/> Confined Workplace	<input type="checkbox"/> Manual Handling
<input type="checkbox"/> Access/Egress	<input type="checkbox"/> Stored Energy
<input type="checkbox"/> Weight Limit	<input type="checkbox"/> Congested site
<input type="checkbox"/> Residual Electricity	<input type="checkbox"/> Existing equipment in close proximity

Interfaces: ☐ Public ☐ Operatives ☐ Vehicle/Plant

WHO COULD BE HARMED?

<input type="checkbox"/> Construction operatives	<input type="checkbox"/> Existing work instruction
<input type="checkbox"/> Dismantling crew	<input type="checkbox"/> Method detailed on drawing
<input type="checkbox"/> Future maintenance crew	<input type="checkbox"/> Method detailed on separate document

CONTROL MEASURES

TEMPORARY WORKS

<input type="checkbox"/> No temporary works required	} Complete temporary works design check certificate ENG-SF-0101C
<input type="checkbox"/> Temporary works required and documented separately	
<input type="checkbox"/> Drawing contains temporary works:	
<input type="checkbox"/> Drawing contains temporary works:	

Level 1 Control

☐ OK to proceed, no significant design hazards and risks, standard control measures apply.

Level 2 Control

☐ OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

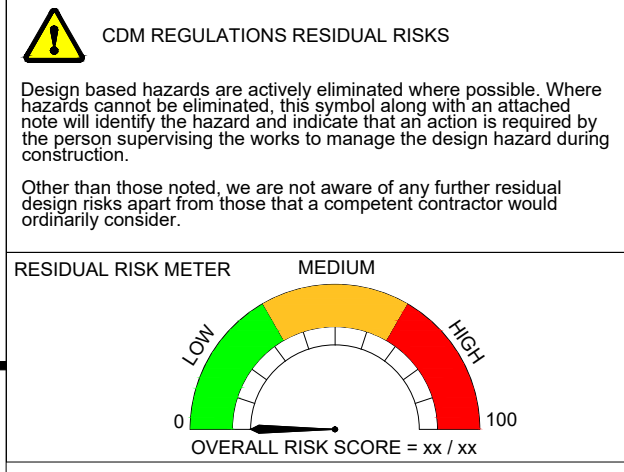
Level 3 Control

☐ OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training

CDM REGULATIONS RESIDUAL RISKS

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.



DRAWN	BG	REMARKS:
CHKD	KT	REISSUED FOR PLANNING
DESIGN	RV	STATUS S5 DATE 06/05/2025
APPD	MD	FOR ACCEPTANCE REV P04
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 26/11/2024
APPD	NM	FOR ACCEPTANCE REV P03
DRAWN	BG	REMARKS:
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT
DESIGN	AS	STATUS S5 DATE 15/11/2024
APPD	NM	FOR ACCEPTANCE REV P02
DRAWN	BG	REMARKS:
CHKD	MD	2C RESUBMISSION
DESIGN	RV	STATUS S5 DATE 17/09/2024
APPD	NM	FOR ACCEPTANCE REV P01



PROJECT NAME: ASTI - ECE

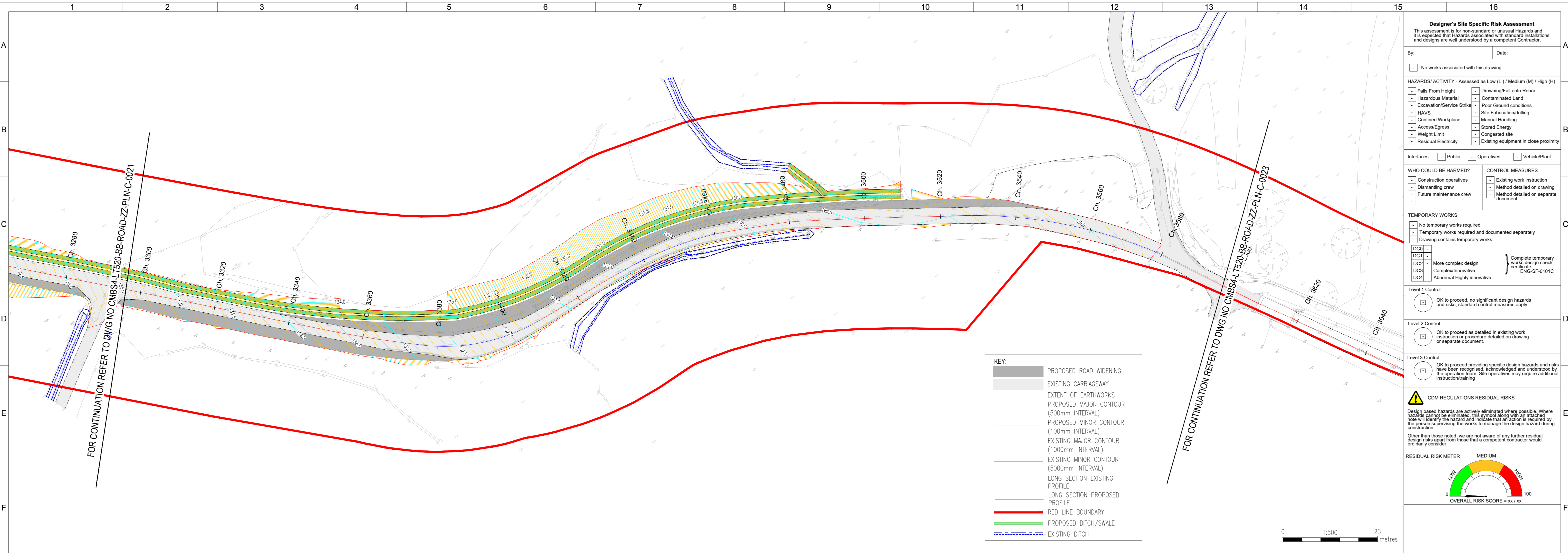
LOCATION: CAMBUSHINNIE 400kV SUBSTATION SITE: CMBS

TITLE: CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS PLAN AND PROFILE SHEET 11 OF 13

SIZE	SCALE	FORMAT	SHEET No.
A1	1:500	ACAD	11 OF 13

DRAWING No. CMBS4-LT520-BB-ROAD-ZZ-PLN-C-0021





**Designer's Site Specific Risk Assessment**  
This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

By: \_\_\_\_\_ Date: \_\_\_\_\_

☐ No works associated with this drawing

HAZARDS/ ACTIVITY - Assessed as Low (L) / Medium (M) / High (H)

<ul style="list-style-type: none"><li>Falls From Height</li><li>Hazardous Material</li><li>Excavation/Service Strike</li><li>HAVS</li><li>Confined Workplace</li><li>Access/Egress</li><li>Weight Limit</li><li>Residual Electricity</li></ul>	<ul style="list-style-type: none"><li>Drowning/Fall onto Rebar</li><li>Contaminated Land</li><li>Poor Ground conditions</li><li>Site Fabrication/Drilling</li><li>Manual Handling</li><li>Stored Energy</li><li>Congested site</li><li>Existing equipment in close proximity</li></ul>
--	--

Interfaces: ☐ Public ☐ Operatives ☐ Vehicle/Plant

WHO COULD BE HARMED?

<ul style="list-style-type: none"><li>Construction operatives</li><li>Dismantling crew</li><li>Future maintenance crew</li></ul>	<b>CONTROL MEASURES</b> <ul style="list-style-type: none"><li>Existing work instruction</li><li>Method detailed on drawing</li><li>Method detailed on separate document</li></ul>
--	---

**TEMPORARY WORKS**

- No temporary works required
- Temporary works required and documented separately
- Drawing contains temporary works:

<ul style="list-style-type: none"><li>DC00 -</li><li>DC1 -</li><li>DC2 -</li><li>DC3 -</li><li>DC4 -</li></ul>	<ul style="list-style-type: none"><li>More complex design</li><li>Complex/Innovative</li><li>Abnormal Highly innovative</li></ul>	} Complete temporary works design check certificate ENG-SF-0101C

**Level 1 Control**

☐ OK to proceed, no significant design hazards and risks, standard control measures apply.

**Level 2 Control**

☐ OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

**Level 3 Control**

☐ OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training

**CDM REGULATIONS RESIDUAL RISKS**

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, the symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

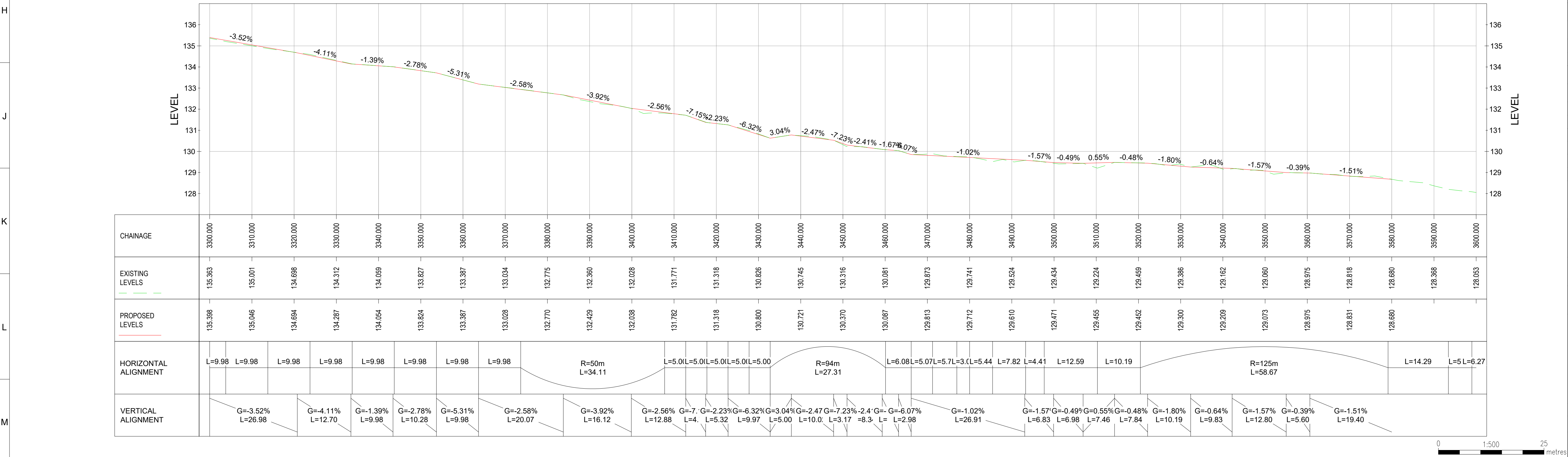
Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.

**RESIDUAL RISK METER**

LOW MEDIUM HIGH

OVERALL RISK SCORE = xx / xx

CL ALIGNMENT NPR TO PLATFORM - LONGSECTION  
SCALE: H 1:500,V 1:100  
DATUM: 127.00



DRAWN	BG	REMARKS:			
CHKD	KT	REISSUED FOR PLANNING			
DESIGN	RV	STATUS	S5	DATE	06/05/2025
APPD	MD	FOR ACCEPTANCE	REV	P04	
DRAWN	BG	REMARKS:			
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT			
DESIGN	AS	STATUS	S5	DATE	26/11/2024
APPD	NM	FOR ACCEPTANCE	REV	P03	
DRAWN	BG	REMARKS:			
CHKD	AS	DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT			
DESIGN	AS	STATUS	S5	DATE	15/11/2024
APPD	NM	FOR ACCEPTANCE	REV	P02	
DRAWN	BG	REMARKS:			
CHKD	MD	2C RESUBMISSION			
DESIGN	RV	STATUS	S5	DATE	17/09/2024
APPD	NM	FOR ACCEPTANCE	REV	P01	

**Scottish & Southern**  
Electricity Networks

**Balfour Beatty**

PROJECT NAME:  
ASTI - ECE

LOCATION:  
CAMBUSHINNIE 400kV SUBSTATION

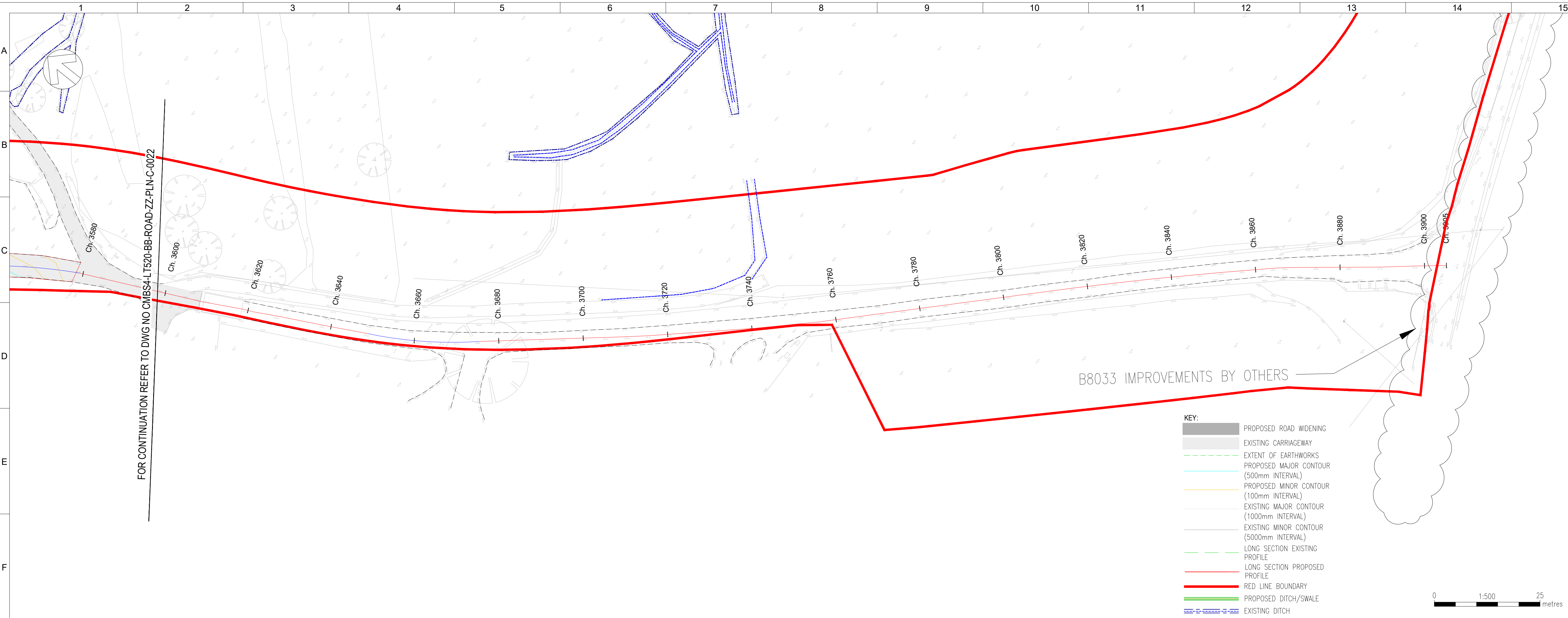
SITE:  
CMBS

TITLE:  
CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS  
PLAN AND PROFILE  
SHEET 12 OF 13

SIZE	SCALE	FORMAT	SHEET No.
A1	1:500	ACAD	12 OF 13

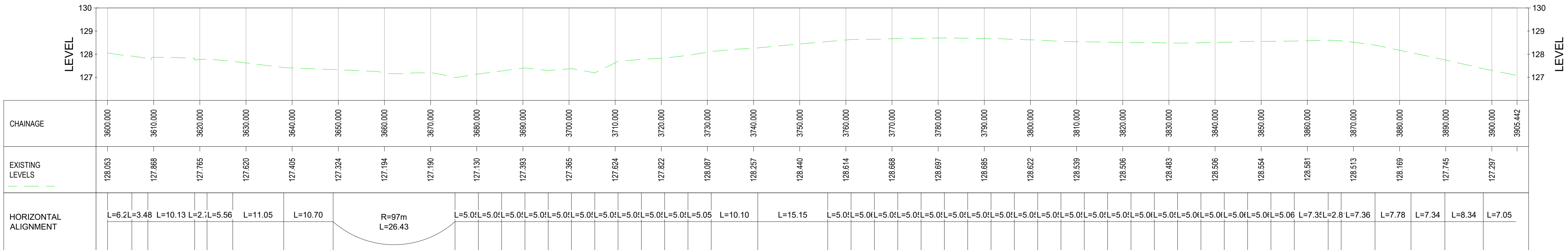
DRAWING No.  
CMBS4-LT520-BB-ROAD-ZZ-PLN-C-0022





NO WORKS ARE PROPOSED ALONG THIS STRETCH OF CARRIAGEWAY.

CL ALIGNMENT NPR TO PLATFORM - LONGSECTION  
SCALE: H 1:500,V 1:100  
DATUM: 126.00



Designer's Site Specific Risk Assessment

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

By:

Date:

☐ No works associated with this drawing

HAZARDS/ ACTIVITY - Assessed as Low (L) / Medium (M) / High (H)

Falls From Height

Excavation/Service Strike

HAVS

Confined Workplace

Access/Egress

Weight Limit

Residual Electricity

Drowning/Fall onto Rebar

Contaminated Land

Poor Ground conditions

Site Fabrication/tilting

Manual Handling

Stored Energy

Congested site

Existing equipment in close proximity

Interfaces: ☐ Public ☐ Operatives ☐ Vehicle/Plant

WHO COULD BE HARMED?

Construction operatives

Dismantling crew

Future maintenance crew

CONTROL MEASURES

Existing work instruction

Method detailed on drawing

Method detailed on separate document

TEMPORARY WORKS

No temporary works required

Temporary works required and documented separately

Drawing contains temporary works:

DC00 -

DC1 -

DC2 - More complex design

DC3 - Complex/Innovative

DC4 - Abnormal Highly innovative

Complete temporary works design check certificate ENG-SF-0101C

Level 1 Control

☐

OK to proceed, no significant design hazards and risks, standard control measures apply.

Level 2 Control

☐

OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

Level 3 Control

☐

OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training

CDM REGULATIONS RESIDUAL RISKS

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.

RESIDUAL RISK METER

LOW

MEDIUM

HIGH

0

100

OVERALL RISK SCORE = xx / xx

DRAWN

BG

REMARKS:

CHKD

KT

REISSUED FOR PLANNING

DESIGN

RV

STATUS

S5

DATE

06/05/2025

APPD

MD

FOR ACCEPTANCE

REV

P05

DRAWN

BG

REMARKS:

CHKD

AS

SSEN COMMENTS ADDRESSED

DESIGN

AS

STATUS

S5

DATE

27/03/2025

APPD

NM

FOR ACCEPTANCE

REV

P04

DRAWN

BG

REMARKS:

CHKD

AS

DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT

DESIGN

AS

STATUS

S5

DATE

26/11/2024

APPD

NM

FOR ACCEPTANCE

REV

P03

DRAWN

BG

REMARKS:

CHKD

AS

DRAWING UPDATED TO SUIT NEW WIDENING WORKS AND DRAINAGE ARRANGEMENT

DESIGN

AS

STATUS

S5

DATE

15/11/2024

APPD

NM

FOR ACCEPTANCE

REV

P02

DRAWN

BG

REMARKS:

CHKD

MD

2C RESUBMISSION

DESIGN

RV

STATUS

S5

DATE

17/09/2024

APPD

NM

FOR ACCEPTANCE

REV

P01

Scottish & Southern

Electricity Networks

Balfour Beatty

PROJECT NAME:

ASTI - ECE

LOCATION:

CAMBUSHINNIE 400kV SUBSTATION

SITE:

CMBS

TITLE:

CAMBUSHINNIE 400kV SUBSTATION NON PUBLIC ROAD IMPROVEMENTS PLAN AND PROFILE SHEET 13 OF 13

SIZE

SCALE

FORMAT

SHEET No.

A1

1:500

ACAD

13 OF 13

DRAWING No.

CMBS4-LT520-BB-ROAD-ZZ-PLN-C-0023

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