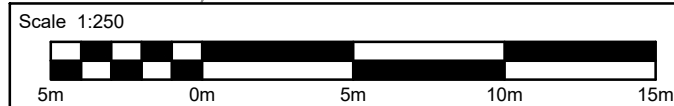
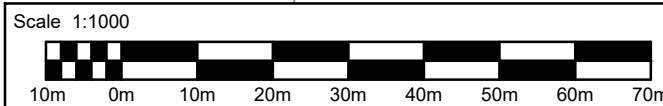


- NOTES:**
- ONLY SCALE FOR PLANNING PURPOSES.
 - ALL DIMENSIONS ARE SHOWN IN METRES UNLESS OTHERWISE STATED.
 - THE DRAWING IS TO BE PRINTED IN COLOUR.
 - ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH RELEVANT SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.
 - THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSE.
 - BASED ON BENDINESS ASSESSMENT IN ACCORDANCE WITH CD 109 CHAPTER 2, THE DESIGN SPEED FOR B8033 ROAD HAS BEEN DETERMINED TO BE 50mph WHICH REQUIRES A JUNCTION VISIBILITY OF 160m. HOWEVER, REDUCED SITE CLEARANCE HAS BEEN CONSIDERED AT THIS STAGE, TAKING INTO ACCOUNT THE PLANNED TRAFFIC MANAGEMENT MEASURES AT THE B8033 JUNCTION AND THE PRESENCE OF CATEGORY 'A' TREES. THE DETAILED TRAFFIC MANAGEMENT PROPOSAL AND SITE CLEARANCE WILL BE FINALISED DURING PART A DESIGN STAGE.
 - THE SETBACK (X' VALUE) CONSIDERED AT THE A822 JUNCTION FOR VISIBILITY ASSESSMENT IS 4.5m. THIS IS BECAUSE OF THE EXPECTED HIGH TRAFFIC SPEED ON THE A822 ROAD BECAUSE OF THE STRAIGHT SECTION OF THE ROAD AND THE POSTED NATIONAL SPEED LIMIT. FULL JUNCTION VISIBILITY OF 215m CAN BE ACHIEVED BY CONSIDERING A SETBACK (X' VALUE) OF 2.4m.

- KEY:**
- HAUL TRACK CENTRELINE
 - PROPOSED DESIGN
 - ACHIEVED JUNCTION VISIBILITY SPY
 - RED LINE BOUNDARY
 - TREE TO BE REMOVED
 - TREE TO BE RETAINED



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

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.

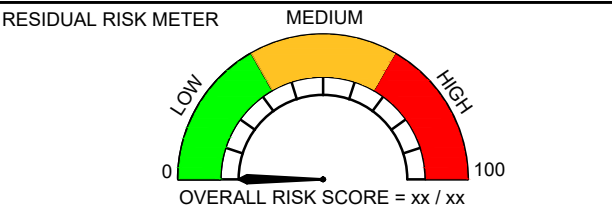
Level 3 Control

☐ 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	SRA	REMARKS:			
CHKD	RS	FOURTH ISSUE - SCALE BAR ADDED			
DESIGN	SRA	STATUS	S5	DATE	03/06/2025
APPD	FY	FOR ACCEPTANCE	REV	P04	
DRAWN	SRA	REMARKS:			
CHKD	RS	THIRD ISSUE - MINOR AMENDMENTS			
DESIGN	SRA	STATUS	S5	DATE	14/05/2025
APPD	FY	FOR ACCEPTANCE	REV	P03	
DRAWN	SRA	REMARKS:			
CHKD	RS	SECOND ISSUE - MINOR AMENDMENTS			
DESIGN	SRA	STATUS	S5	DATE	21/03/2025
APPD	FY	FOR ACCEPTANCE	REV	P02	
DRAWN	SRA	REMARKS:			
CHKD	RS	FIRST ISSUE			
DESIGN	SRA	STATUS	S5	DATE	31/01/2025
APPD	FY	FOR ACCEPTANCE	REV	P01	



Balfour Beatty

PROJECT NAME:
ASTI-ECE

LOCATION:
CAMBUSHINNIE 400kV S/S

SITE:
CMBS

TITLE:

BRACO HAUL TRACK
A822 JUNCTION
VISIBILITY SPY

SIZE	SCALE	FORMAT	SHEET No.
A1	As Shown	ACAD	01 OF 01

DRAWING No.
CMBS-LT520-BB-TRAC-ZZ-D-H-0031