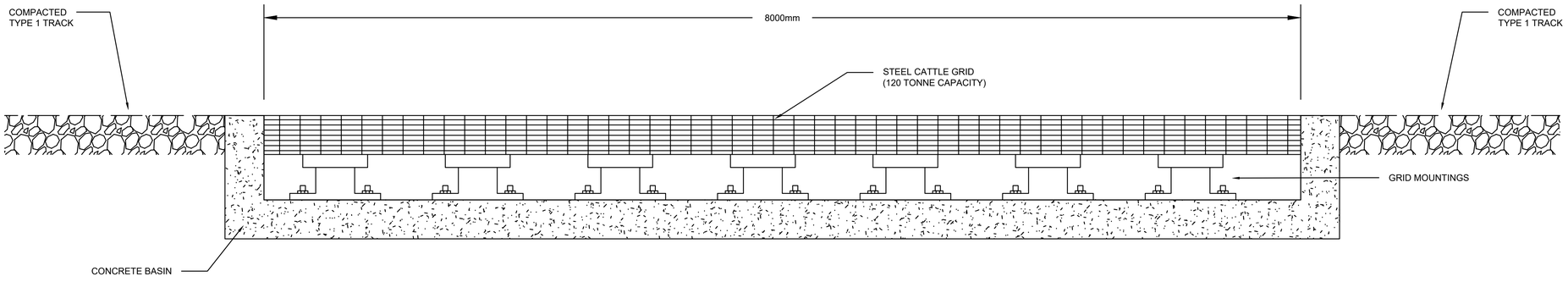
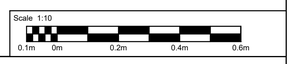
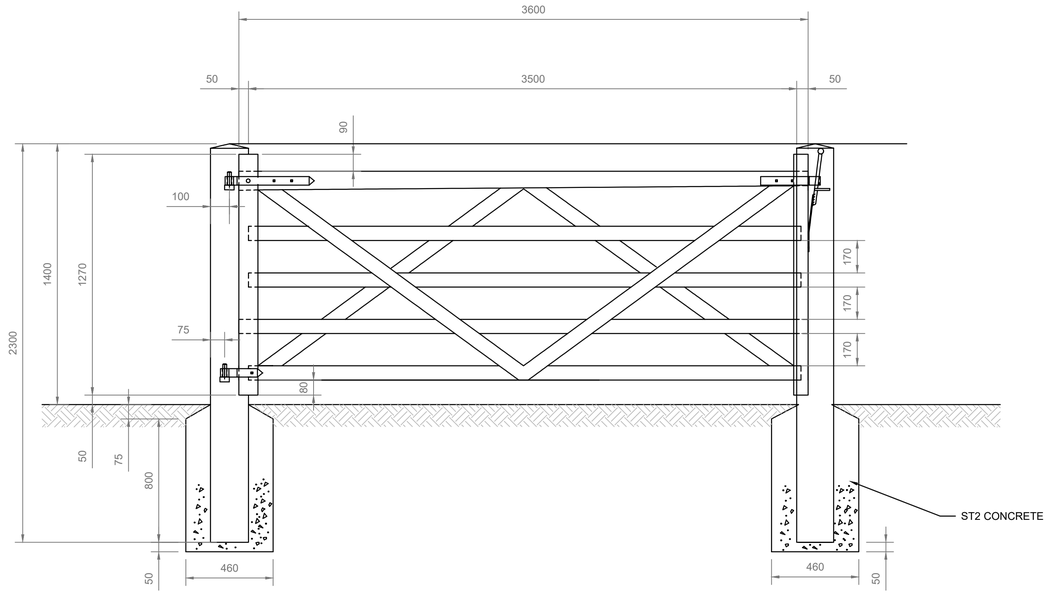


INDICATIVE DEER CATTLE GRID
SCALE = 1:10





SINGLE TIMBER ACCESS GATE
SCALE = 1:20

NOTES:

1. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
2. CONFLICTING INFORMATION SHOWN ON THE DESIGNER'S DRAWINGS OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE DESIGNER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE DESIGNER BEFORE THE WORKS COMMENCE.
3. THE FENCE SHALL BE ERECTED TO HIGHWAYS STANDARD SPECIFICATONS.

TIMBER:

4. POST REQUIREMENTS: SEE TABLEs 1, 2, & 3 AS APPROPRIATE.
5. AS A PERMANENT FENCING SYSTEM, THE TIMBER SHALL BE TANALISED WITH A TREATMENT IN LINE WITH BS EN 8417 TO PROVIDE A MINIMUM SERVICE LIFE OF 30 YEARS.
6. FOR AREAS WHERE POSTS CANNOT BE DRIVEN, BEST PRACTICE METHODS OF DIG AND BACKFILL, OR CONCRETE, WOULD BE A SUITABLE METHOD OF INSTALLATION.
7. IF CONCRETE IS USED ON POSTS AND FENCE IS TO RECEIVE ANY BURIED MESH ATTACHMENT THEN CONCRETE SHOULD BE SET BELOW GROUND LEVEL TO ALLOW FOR TRENCHING FOR BURYING NETTING.

MESH & WIRES:

8. ALL STEEL FITTINGS SHALL BE GALVANISED TO EN 10244-2.

STAPLES:

9. STAPLES SHALL HAVE A ZINC COATING CONFORMING TO BS EN 10244-2 AND SHALL BE 40mm x 4.0mm or 100 x 4mm NAIL LOOSE FOR FIXING LINE AND BARB WIRES TO POSTS.
10. STAPLES ARE TO BE INSTALLED TO ALLOW MOVEMENT OF LINE WIRE THROUGH THE STAPLE.

GATES:

11. GATE STOPS TO BE PROVIDED IN ACCORDANCE WITH HCD DRAWING NO. H33.
12. FOR DETAILS OF LATCHES AND FITTINGS, REFER TO HCD DRAWING NO.'S H26, H27 AND H28.

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

TEMPORARY WORKS

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

DC0	-		Complete temporary works design check certificate: ENG-SF-0101C
DC1	-		
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

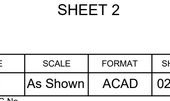
OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training.

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



DRAWN	RS	REMARKS:			
CHKD	SRA	THIRD ISSUE – SCALE BAR ADDED			
DESIGN	RS	STATUS	S5	DATE	03/06/2025
APPD	FY	FOR ACCEPTANCE		REV	P03
DRAWN	GU	REMARKS:			
CHKD	SRA	SECOND ISSUE – MINOR AMENDMENTS			
DESIGN	GU	STATUS	S5	DATE	13/05/2025
APPD	FY	FOR ACCEPTANCE		REV	P02
DRAWN	GU	REMARKS:			
CHKD	AC	FIRST ISSUE			
DESIGN	SRA	STATUS	S5	DATE	12/12/2024
APPD		FOR ACCEPTANCE		REV	P01

Scottish & Southern Electricity Networks

Balfour Beatty

PROJECT NAME: ASTI-ECE

LOCATION: CAMBUSHINNIE 400kV S/S | SITE: CMBS

TITLE:

BRACO HAUL TRACK
FENCING DETAILS
SHEET 2

SIZE	SCALE	FORMAT	SHEET No.
A1	As Shown	ACAD	02 OF 02

DRAWING No. CMBS-LT520-BB-TRAC-ZZ-D-H-0014

© Balfour Beatty plc 2022. THE COPYRIGHT IN THIS DRAWING & THE DESIGN RIGHT IN THE ARTICLE(S) DEPICTED BELONG TO BALFOUR BEATTY PLC OR ITS SUBSIDIARY. THE DRAWING MAY NOT BE COPIED BY ANY MEANS (INCLUDING TRACING) OR STORED AS A MICROFILM, AS A CAD FILE OR CD-ROM OR IN ANY OTHER ELECTRONIC FORM. NOR MAY ARTICLES BE MADE FROM THE DRAWING, EITHER DIRECTLY OR INDIRECTLY, WITHOUT THE PRIOR WRITTEN CONSENT OF BALFOUR BEATTY PLC OR ITS AUTHORISED REPRESENTATIVES.