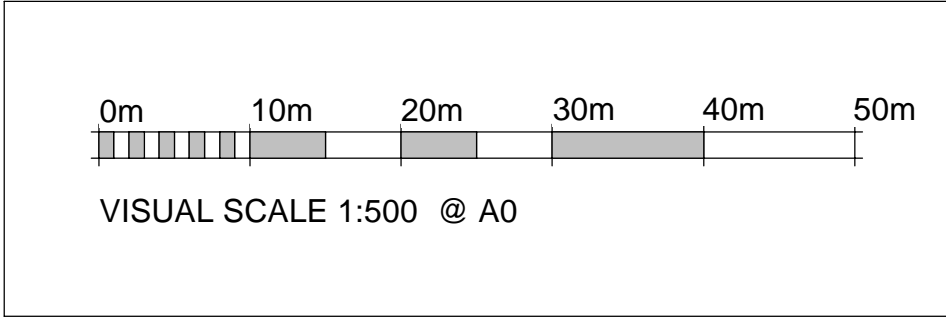


OVERALL SITE LAYOUT

1 : 500

NOTE:-
THIS DRAWING HAS BEEN DEVELOPED
BASED ON BALFOUR BEATTY DRAWING No.
CMBS4-LT520-BB-ZZ-ZZ-LAY-E-0007 REV P02.

REFERENCE DRAWINGS - SITE WORKS			
DRAWING No.	TITLE 1	TITLE 2	TITLE 3
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	SHEET 01 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0002	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	SHEET 02 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0003	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	SHEET 03 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0004	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	SHEET 04 OF 04
CMBS4-LT520-BB-DRAIN-INT-SCH-C-0008	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	MANHOLE SCHEDULE
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	ON SITE DRAINAGE LAYOUT	OVERALL PLAN
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	CABLE DUCT, DRAWPT & TROUGH LAYOUT	SHEET 01 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0002	CAMBUSHINNIE 400KV S/S	CABLE DUCT, DRAWPT & TROUGH LAYOUT	SHEET 02 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0003	CAMBUSHINNIE 400KV S/S	CABLE DUCT, DRAWPT & TROUGH LAYOUT	SHEET 03 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0004	CAMBUSHINNIE 400KV S/S	CABLE DUCT, DRAWPT & TROUGH LAYOUT	SHEET 04 OF 04
CMBS4-LT520-BB-DRAIN-INT-LAY-C-0005	CAMBUSHINNIE 400KV S/S	CABLE DUCT, DRAWPT & TROUGH LAYOUT	OVERALL PLAN
CMBS4-LT520-BB-EWKS-XX-PLAN-G-0001	CAMBUSHINNIE 400KV S/S	SITE CLEARANCE PLAN	
CMBS4-LT520-BB-FENC-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	SITE SURFACING & FENCING / GATE LAYOUT	SHEET 01 OF 04
CMBS4-LT520-BB-FENC-INT-LAY-C-0002	CAMBUSHINNIE 400KV S/S	SITE SURFACING & FENCING / GATE LAYOUT	SHEET 02 OF 04
CMBS4-LT520-BB-FENC-INT-LAY-C-0003	CAMBUSHINNIE 400KV S/S	SITE SURFACING & FENCING / GATE LAYOUT	SHEET 03 OF 04
CMBS4-LT520-BB-FENC-INT-LAY-C-0004	CAMBUSHINNIE 400KV S/S	SITE SURFACING & FENCING / GATE LAYOUT	SHEET 04 OF 04
CMBS4-LT520-BB-FENC-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	SITE SURFACING & FENCING / GATE LAYOUT	OVERALL PLAN
CMBS4-LT520-BB-FOUN-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	FOUNDATION LAYOUT	SHEET 01 OF 04
CMBS4-LT520-BB-FOUN-INT-LAY-C-0002	CAMBUSHINNIE 400KV S/S	FOUNDATION LAYOUT	SHEET 02 OF 04
CMBS4-LT520-BB-FOUN-INT-LAY-C-0003	CAMBUSHINNIE 400KV S/S	FOUNDATION LAYOUT	SHEET 03 OF 04
CMBS4-LT520-BB-FOUN-INT-LAY-C-0004	CAMBUSHINNIE 400KV S/S	FOUNDATION LAYOUT	SHEET 04 OF 04
CMBS4-LT520-BB-FOUN-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	FOUNDATION LAYOUT	OVERALL PLAN
CMBS4-LT520-BB-ROAD-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	ROAD & SKIDWAY LAYOUT	SHEET 01 OF 04
CMBS4-LT520-BB-ROAD-INT-LAY-C-0002	CAMBUSHINNIE 400KV S/S	ROAD & SKIDWAY LAYOUT	SHEET 02 OF 04
CMBS4-LT520-BB-ROAD-INT-LAY-C-0003	CAMBUSHINNIE 400KV S/S	ROAD & SKIDWAY LAYOUT	SHEET 03 OF 04
CMBS4-LT520-BB-ROAD-INT-LAY-C-0004	CAMBUSHINNIE 400KV S/S	ROAD & SKIDWAY LAYOUT	SHEET 04 OF 04
CMBS4-LT520-BB-ROAD-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	ROAD & SKIDWAY LAYOUT	OVERALL PLAN
CMBS4-LT520-BB-XX-XX-PLAN-G-0001	CAMBUSHINNIE 400KV S/S	TOPOGRAPHICAL SURVEY PLAN	SHOWING EXISTING AND PROPOSED GROUND LEVELS
CMBS4-LT520-BB-ZZ-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	OVERALL SITE LAYOUT	
CMBS4-LT520-BB-ZZ-INT-LAY-C-0001	CAMBUSHINNIE 400KV S/S	OVERALL SITE SECTIONS	SHOWING EQUIPMENT / EARTHWORKS
CMBS4-LT520-BB-ZZ-LAY-C-0001	CAMBUSHINNIE 400KV S/S	OVERALL SITE WORKS LAYOUT	(SHOWING REDLINE BOUNDARY)
CMBS4-LT520-BB-ZZ-LAY-C-0002	CAMBUSHINNIE 400KV S/S	SITE LAYOUT	PERMANENT & TEMPORARY WORKS
CMBS4-LT520-BB-ZZ-LAY-C-0003	CAMBUSHINNIE 400KV S/S	SITE LAYOUT	PERMANENT & TEMPORARY WORKS
CMBS4-LT520-BB-ZZ-M-C-0002	CAMBUSHINNIE 400KV S/S	OVERALL SITE WORKS 3D VIEW	



NOTE:-
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE
T446 DESIGN RISK MANAGEMENT SCHEDULE AND THE T447
SIGNIFICANT RESIDUAL H&S RISK SCHEDULE.

NOTE:-
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH BALFOUR
BEATTY DRG No. CMBS4-LT520-BB-ZZ-LAY-E-0007.

NOTE:-
THIS DRAWING SHOWS STRICTLY PROVISIONAL CIVIL PRICING DESIGN DETAILS ONLY. NO
BESPOKE ELECTRICAL LOADINGS OR SWITCHGEAR INFORMATION IS AVAILABLE SO ALL
CIVIL WORK SHOWN IS SUBJECT TO CONFIRMATION IN THE DETAILED DESIGN STAGE.
BALFOUR BEATTY TO MAKE ALLOWANCE IN THE CIVIL PRELIMINARY STAGE RISK
REGISTERS AND QUALIFICATIONS TO COVER THE RELATED COMMERCIAL AND
PROGRAMME RISKS.

Designer's Site Specific Risk Assessment

This assessment is a 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: [] DATED 10/03/24

No works associated with this drawing

HAZARDOUS ACTIVITY - Assessed as Low (L) / Medium (M) / High (H) Not Applicable (N)

Falls From Height

Excavation/Service Site

HAVS

Confined Space

Access/Egress

Weight Lifting

Residual Electricity

Contaminated Land

Prey Ground conditions

Site Fabrication/Welding

Manual Handling

Stored Energy

Compressed Air

Existing equipment in close proximity

Interfaces

Public

Operator

Vehicle/Plant

WHO COULD BE HARMED?

Construction operatives

Disarming crew

Public maintenance crew

Public

CONTROL MEASURES

Leading work instruction

Method detailed on drawing

Method detailed on separate document

TEMPORARY WORKS

No temporary works required

Temporary works required and documented separately

Downing contains temporary works

BCD

Standard solution

Simple design

More complex design

Complex/Innovative

Atypical/Highly Innovative

Complete temporary works design check certificate

ENCS SP 401/C

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 recognized, acknowledged and addressed by the operation team. Site operatives may require additional instructions/drawings

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 = 1/1000

EMBEDDED CARBON VALUES

A1+A3	MATERIAL AND MANUFACTURING	0.00
A4	TRANSPORT	0.00
AW	WASTE	0.00
B	CONSTRUCTION	0.00
D	RECYCLE	0.00
E	EXCAVATION	0.00
TOTAL (kgCO2e)		0.00

DRAWN	PB	REVISIONS			
CHKD	RM	1X FINAL ECE			
DESIGN	RM	STATUS	SS	DATE	19/07/24
APPD	GV	FOR ACCEPTANCE	REV	P04	
DRAWN	PB	REVISIONS			
CHKD	RM	1X ISSUE			
DESIGN	RM	STATUS	SS	DATE	03/05/24
APPD	GV	FOR ACCEPTANCE	REV	P03	
DRAWN	PB	REVISIONS			
CHKD	RM	2X ISSUE			
DESIGN	RM	STATUS	SS	DATE	22/03/24
APPD	GV	FOR ACCEPTANCE	REV	P02	
DRAWN	PB	REVISIONS			
CHKD	RM	1X FIRST ISSUE			
DESIGN	RM	STATUS	SS	DATE	19/01/24
APPD	GV	FOR ACCEPTANCE	REV	P01	

Scottish & Southern
Electricity Networks



PROJECT NAME:

ASTI - ECE

LOCATION:

CAMBUSHINNIE 400KV S/S

SITE:

CMBS

TITLE:

CAMBUSHINNIE 400KV S/S
OVERALL SITE LAYOUT

SIZE	SCALE	FORMAT	SHEET No.
A0	1:500	RVT	01 OF 01

DRAWING No.

CMBS4-LT520-BB-ZZ-INT-LAY-C-0001