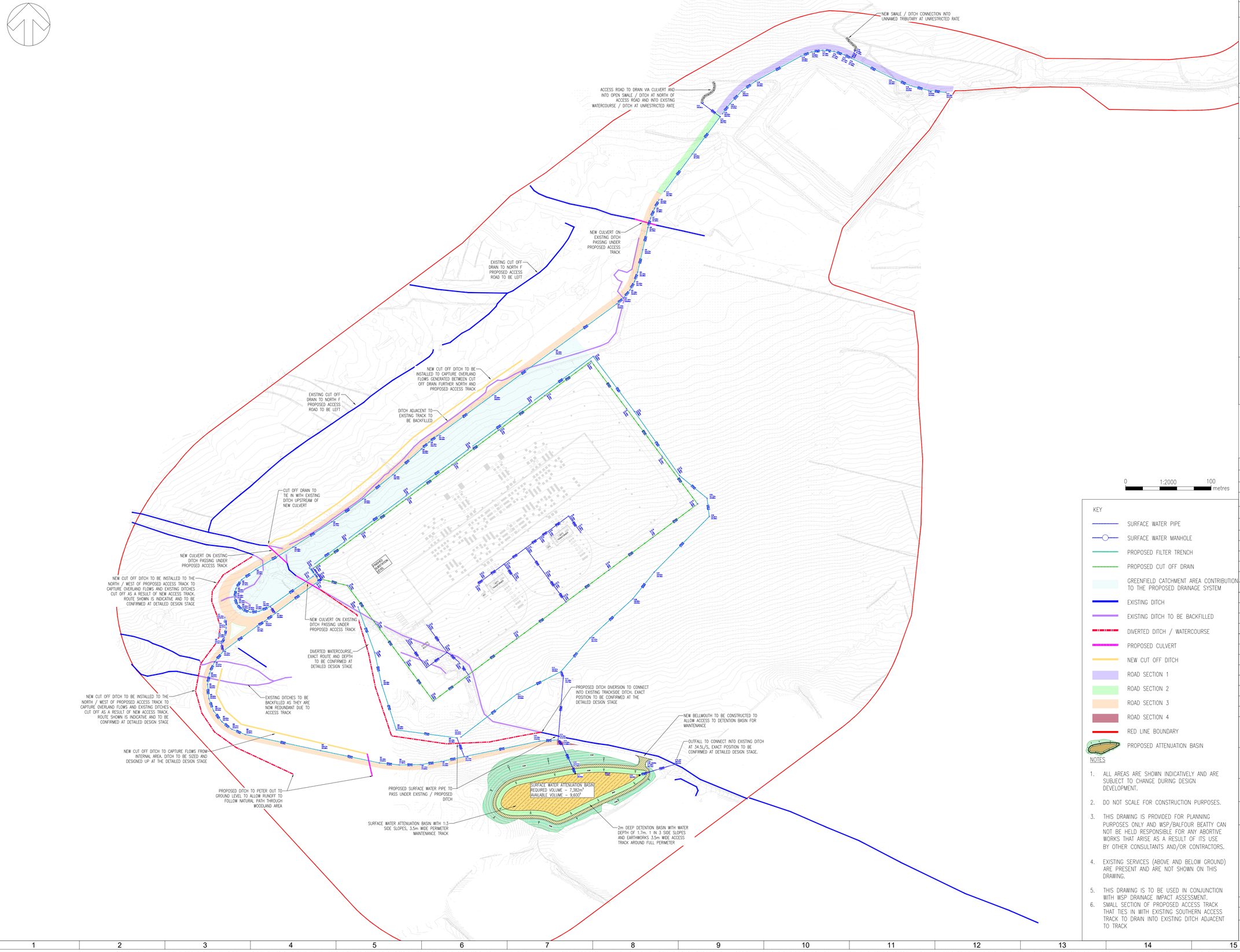


Designer's Site Specific Risk Assessment

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
- Public	

TEMPORARY WORKS

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

DC0	-	Standard solution
DC1	-	Simple design
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

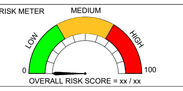
[-] OK to proceed providing specific design hazards and risks have been recognised, acknowledged and understood by the operation team. Site operatives may require additional instruction/training

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



KEY

- SURFACE WATER PIPE
- SURFACE WATER MANHOLE
- PROPOSED FILTER TRENCH
- PROPOSED CUT OFF DRAIN
- GREENFIELD CATCHMENT AREA CONTRIBUTING TO THE PROPOSED DRAINAGE SYSTEM
- EXISTING DITCH
- EXISTING DITCH TO BE BACKFILLED
- DIVERTED DITCH / WATERCOURSE
- PROPOSED CULVERT
- NEW CUT OFF DITCH
- ROAD SECTION 1
- ROAD SECTION 2
- ROAD SECTION 3
- ROAD SECTION 4
- RED LINE BOUNDARY
- PROPOSED ATTENUATION BASIN

NOTES

1. ALL AREAS ARE SHOWN INDICATIVELY AND ARE SUBJECT TO CHANGE DURING DESIGN DEVELOPMENT.
2. DO NOT SCALE FOR CONSTRUCTION PURPOSES.
3. THIS DRAWING IS PROVIDED FOR PLANNING PURPOSES ONLY AND WSP/BALFOUR BEATTY CAN NOT BE HELD RESPONSIBLE FOR ANY ABORTIVE WORKS THAT ARISE AS A RESULT OF ITS USE BY OTHER CONSULTANTS AND/OR CONTRACTORS.
4. EXISTING SERVICES (ABOVE AND BELOW GROUND) ARE PRESENT AND ARE NOT SHOWN ON THIS DRAWING.
5. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH WSP DRAINAGE IMPACT ASSESSMENT.
6. SMALL SECTION OF PROPOSED ACCESS TRACK THAT TIES IN WITH EXISTING SOUTHERN ACCESS TRACK TO DRAIN INTO EXISTING DITCH ADJACENT TO TRACK

DRAWN	BG	REMARKS: REISSUED FOR PLANNING			
CHKD	KT				
DESIGN	AS	STATUS	S5	DATE	02/05/2025
APPD	MD	FOR ACCEPTANCE		REV	P06
DRAWN	AS	REMARKS: UPDATED TO OPTION 3.3 EARTHWORKS OPTION			
CHKD	MD				
DESIGN	AS	STATUS	S5	DATE	26/11/2024
APPD	MD	FOR ACCEPTANCE		REV	P05
DRAWN	KT	REMARKS: ECE FINAL			
CHKD	MD				
DESIGN	KT	STATUS	S5	DATE	26/07/24
APPD	PW	FOR INFORMATION		REV	P04
DRAWN	KT	REMARKS: 2C ISSUE			
CHKD	MD				
DESIGN	KT	STATUS	S5	DATE	09/05/24
APPD	NM	FOR ACCEPTANCE		REV	P03
DRAWN	KT	REMARKS: 2B ISSUE			
CHKD	MD				
DESIGN	KT	STATUS	S5	DATE	22/03/24
APPD	NM	FOR ACCEPTANCE		REV	P02
DRAWN	KT	REMARKS: FIRST ISSUE			
CHKD	MD				
DESIGN	KT	STATUS	S5	DATE	19/01/24
APPD	NM	FOR REVIEW		REV	P01

Scottish & Southern Electricity Networks

Balfour Beatty

PROJECT NAME: ASTI-ECE

LOCATION: CAMBUSHINNIE 400kV S/S

SITE: CMBS

TITLE:

CAMBUSHINNIE 400kV S/S PROPOSED PLATFORM OFF SITE DRAINAGE LAYOUT

SIZE	SCALE	FORMAT	SHEET No.
A1	1:2000	ACAD	01 OF 01

DRAWING No. CMBS-LT520-BB-DRAI-ZZ-PLN-C-0001

© 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.