

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 TECHNICAL NOTES AND ALL OTHER RELEVANT DRAWINGS.
- THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSE.
- FLOW CONTROL SHALL BE THROUGH ORIFICE PLATE ON THE INCOMING PIPE.
- FLOOD RELIEF CULVERTS HAVE BEEN DETERMINED BASED ON FLOOD MODELING PROVIDED BY OTHERS AND ARE SHOWN INDICATIVE ONLY. THE EXACT CULVERT DETAILS SHALL BE FINALISED AT PART A DESIGN STAGE.
- EROSION PROTECTION SHALL BE PROVIDED AT ALL HEADWALL OUTLETS.
- PROPOSED CHAMBER TYPES ARE AS FOLLOWS:
T2: MCHW TYPE 2 1500mm Ø CHAMBER
T7: MCHW TYPE 7 CATCHPIT
T8: MCHW TYPE 8 CATCHPIT
RE: RODDING EYE
- THE INCLUSION OF ADDITIONAL ATTENUATION FEATURES, SUCH AS DETENTION BASINS, WITHIN THE RED LINE BOUNDARY WILL BE CONFIRMED FOLLOWING CONSULTATIONS WITH PERTH AND KINROSS COUNCIL.

KEY:

	HAUL TRACK CENTRELINE
	PROPOSED HIGH CONTAINMENT KERB
	PROPOSED GRASSED SWALE
	PROPOSED GRASSED DITCH
	PROPOSED FILTER DRAIN
	PROPOSED CARRIER DRAIN
	EXISTING CARRIER DRAIN
	PROPOSED CATCHPIT (REFER NOTE 9)
	PROPOSED FLOW CONTROL CATCHPIT (REFER NOTES 6 & 9)
	PROPOSED GULLY
	PROPOSED HEADWALL
	PROPOSED CHECK DAM
	PROPOSED CULVERT
	FLOOD RELIEF CULVERTS (REFER NOTE 7)
	RED LINE BOUNDARY

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">Falls From HeightHazardous MaterialExcavation/Service StrikeHAVSConfined WorkplaceAccess/EgressWeight LimitResidual Electricity	<ul style="list-style-type: none">Drowning/Fall onto RebarContaminated LandPoor Ground conditionsSite Fabrication/drillingManual HandlingStored EnergyCongested siteExisting equipment in close proximity
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KEY PLAN
SCALE 1:20,000

Interfaces: ☐ Public ☐ Operatives ☐ Vehicle/Plant

WHO COULD BE HARMED?

<ul style="list-style-type: none">Construction operativesDismantling crewFuture maintenance crew	CONTROL MEASURES <ul style="list-style-type: none">Existing work instructionMethod detailed on drawingMethod detailed on separate document
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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 -	
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.

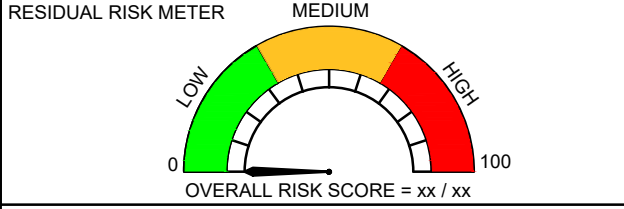
Level 3 Control

☐ 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	RS	REMARKS:			
CHKD	SRA	SEVENTH ISSUE - SCALE BAR ADDED			
DESIGN	RS	STATUS	S5	DATE	03/08/2025
APPD	FY	FOR ACCEPTANCE	REV	P07	
DRAWN	RS	REMARKS:			
CHKD	SRA	SIXTH ISSUE - MINOR AMENDMENTS			
DESIGN	RS	STATUS	S5	DATE	14/05/2025
APPD	FY	FOR ACCEPTANCE	REV	P06	
DRAWN	RS	REMARKS:			
CHKD	SRA	FIFTH ISSUE - MINOR AMENDMENTS			
DESIGN	RS	STATUS	S5	DATE	20/03/2025
APPD	FY	FOR ACCEPTANCE	REV	P05	
DRAWN	RS	REMARKS:			
CHKD	SRA	FOURTH ISSUE			
DESIGN	RS	STATUS	S5	DATE	26/02/2025
APPD	FY	FOR ACCEPTANCE	REV	P04	
DRAWN	RS	REMARKS:			
CHKD	SRA	THIRD ISSUE			
DESIGN	RS	STATUS	S5	DATE	06/02/2025
APPD	FY	FOR ACCEPTANCE	REV	P03	
DRAWN	GU	REMARKS:			
CHKD	SRA	SECOND ISSUE			
DESIGN	GU	STATUS	S5	DATE	15/01/2025
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	

Balfour Beatty

PROJECT NAME:
ASTI-ECE

LOCATION:
CAMBUSHINNIE 400kV S/S

SITE:
CMBS

TITLE:
BRACO HAUL TRACK DRAINAGE LAYOUT SHEET 1

SIZE	SCALE	FORMAT	SHEET No.
A1	1:1000	ACAD	01 OF 02

DRAWING No.
CMBS-LT520-BB-TRAC-ZZ-D-H-0015