



KEY:

	EXISTING SURFACE WATER DRAINAGE		EARTHWORKS (CUT) FROM SITE BOUNDARY TO EXISTING GROUND LEVEL. INDICATIVE ONLY - EXTENT AND MAXIMUM ALLOWABLE GRADIENT TO BE CONFIRMED.		EXISTING SCOTTISH WATER MAINS AND CHAMBER
	EXISTING SURFACE WATER DRAINAGE TO BE GRUBBED UP		EARTHWORKS (FILL) FROM SITE BOUNDARY TO EXISTING GROUND LEVEL. INDICATIVE ONLY - EXTENT AND MAXIMUM ALLOWABLE GRADIENT TO BE CONFIRMED.		PROPOSED SCOTTISH WATER MAINS DIVERSION
	EXISTING FOUL WATER DRAINAGE		PROPOSED FILTER DRAIN AND CHAMBER		RAINWATER PIPE WITH 100mmØ TAIL (BELOW SLAB)
	PROPOSED SURFACE WATER PIPE AND CHAMBER		PROPOSED LINEAR DRAIN		RED LINE BOUNDARY
	PROPOSED HYDROBRAKE CHAMBER		PROPOSED POROUS PAVING WITH PERFORATED PIPE		
	PROPOSED HEADWALL INLET / OUTLET		PROPOSED GULLY		
	PROPOSED OIL SEPARATOR TBC AT DETAIL DESIGN		PROPOSED PERFORATED PIPE		
	PROPOSED FOUL WATER PIPE AND CHAMBER				
	PROPOSED UNDERGROUND WASTE WATER TANK				

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
 - DETAILS AND POSITIONS OF ALL EXISTING SERVICES TO BE CONFIRMED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 - DRAWING TO BE PRINTED IN COLOUR.
 - POSITIONS OF ABOVE GROUND RAINWATER PIPES AND INTERNAL DRAINAGE PIPES SHOWN ARE INDICATIVE. SETTING OUT TO BE CONFIRMED BY ARCHITECT / STRUCTURAL ENGINEER.
 - SUBSTATION COMPOUND TO BE TYPE 3 SELF DRAINING MATERIAL. DRAINAGE DESIGN IS SUBJECT TO INFILTRATION TEST RESULTS FROM THE GROUND INVESTIGATION.
 - DRAINAGE COVER AND INVERT LEVELS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
 - FINAL SUDS BASIN SIZINGS TO BE CONFIRMED AT DETAILED DESIGN STAGE.

Health & Safety
CDM regulations 2015

Significant risks associated with this drawing are identified below and, where applicable, at specific locations on the drawing. Refer to the CDM Regulation 9 Risk Register for full details.

- LOCATE UNDERGROUND SERVICES AND INTRODUCE A SAFE REMOVAL PROCEDURE (HSG47)
- WORKING CLOSE TO OVERHEAD LINES (HSE GUIDANCE NOTE G36)
- EXISTING 33kV SPD CIRCUITS BENEATH PROPOSED EARTHWORKS REQUIRING DIVERSION
- EXISTING HIGH PRESSURE SCOTTISH WATER MAINS REQUIRING DIVERSION
- RISK OF WORKING CLOSE OR ADJACENT TO WATER

Rev.	Date	Drawn	Reviewed	Approved	Reason / Description of changes.
P04	09/02/2026	CC	LB	NS	RED LINE BOUNDARY ADDED.
P03	23/01/2026	CC	LB	NS	OUTFALL OF WESTERN BASIN UPDATED, BASINS RESIZED ON NEW DRAINAGE LAYOUT
P02	11/09/2025	CM	CC	RH	REVISED TO SUIT DRAINAGE AND ELECTRICAL LAYOUT, CDM NOTES ADDED
P02	14/08/2025	CC	LB	RH	FIRST ISSUE

		<p>CUMBERNAULD SUBSTATION PROPOSED DRAINAGE LAYOUT</p>	
<p>Location: Cumbernauld</p>		<p>Dig. No.: 22119-BHK-CUMB-SUB-D-C-000201</p>	
<p>Project: DWNO - DENNY TO WISHAW NETWORK OPTIMISATION</p>		<p>Rev: P04</p>	
Status Code: S3	Description: Suitable for Review and Comment	SPEN Ref. No.: ###	Scale: 1:1000
		Sheet: 01	Next: Size: A1

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