



HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS TYPICALLY ASSOCIATED WITH THE WORKS SHOWN ON THESE DRAWINGS - THE FOLLOWING HAZARDS HAVE BEEN IDENTIFIED AS REQUIRING PARTICULAR CONSIDERATION

1. WORKS TO BE CARRIED OUT ADJACENT TO A HIGH VOLTAGE ENVIRONMENT. ALL WORKS TO PROCEED IN ACCORDANCE WITH 14SG 47 (UNDERGROUND CABLES) & 14SG (OVERHEAD LINES) & SCOTTISH POWER ELECTRICAL & MECHANICAL SAFETY RULES HANDBOOK 9th EDITION. TREAT ALL CABLES AS LIVE UNTIL PROVEN OTHERWISE. LOCATION OF THE KNOWN EXISTING SERVICES IS SHOWN FROM EXISTING INFORMATION AND GPR SURVEY RECORDS AND IS THEREFORE INDICATIVE ONLY. CARE IS REQUIRED SINCE UNKNOWN SERVICES MAY EXIST. THE ACTUAL LOCATION OF THE SERVICES SHOULD BE CONFIRMED BY THE CONTRACTOR. PARTICULAR CARE IS REQUIRED WHILE WORKING IN THE SURROUNDING AREA TO THE EXISTING 400kV ZV ONE ROUTE.

2. PARTICULAR CARE IS REQUIRED WHEN WORKING AROUND THE 2 No EXISTING SCOTTISH WATER PIPES RUNNING WITHIN THE FIELD PARALLEL TO B7078. CONTRACTOR TO FOLLOW AND ADHERE TO APPROPRIATE SCOTTISH WATER DCMs PROCEDURES IN PLACE FOR THE SCHEME AT ALL TIMES. LOCATION OF SW ASSETS IS SHOWN BASED ON EXISTING INFORMATION AND GPR SURVEY RECORDS AND IS THEREFORE INDICATIVE ONLY. THE ACTUAL LOCATION OF THE PIPES SHOULD BE CONFIRMED BY THE CONTRACTOR AS PER SCOTTISH WATER REQUIREMENTS (i.e. USE OF SW APPROVED CONTRACTOR).

3. EXCAVATIONS SHOULD BE ADEQUATELY SUPPORTED AND PROTECTED DURING CONSTRUCTION. EXCAVATION MAY BE REQUIRED BENEATH GROUND WATER LEVEL. THE CONTRACTOR SHOULD DEVELOP APPROPRIATE MITIGATION SUCH AS SUMP AND PUMP AS WHEN REQUIRED.

4. STEEP GROUND - CARE TO BE TAKEN WHEN MOVING AND OPERATING MACHINERY. ALL VEHICLES AND MACHINERY TO BE APPROPRIATE FOR THE CONDITIONS.

5. SURFACE WATER SHOULD BE MANAGED AT THE SITE DURING THE EXCAVATION PROCESS EITHER WITH THE INSTALLATION OF THE PERMANENT OR TEMPORARY DRAINAGE SYSTEM TO HELP PREVENT SLIPPAGE IN THE SLOPE AND TO MAXIMISE THE MATERIAL FOR REUSE.

6. CARE SHOULD BE TAKEN TO PREVENT ANY CONTAMINATION OR SALT RUN-OFF FROM ENTERING ANY ADJACENT WATERCOURSES OR DRAINAGE SYSTEMS. 10m BUFFER SHALL BE LEFT TO EXISTING WATERCOURSES AT ALL TIMES.

7. CARE SHOULD BE TAKEN WHEN WORKING ADJACENT TO EXISTING EQUIPMENT/ STRUCTURES TO PREVENT ANY DE-STABILISATION OF FOUNDATIONS/STRUCTURES BY CONSTRUCTION, EXCAVATION OR EQUIPMENT MOVEMENT.

8. LOCATIONS FOR STORAGE OF EXCAVATED MATERIAL TO BE REVIEWED BY CONTRACTOR FOR SLOPE STABILITY AND AGREED WITH THE SPEN CONSTRUCTION MANAGER.

REFERENCE DRAWINGS:

FOR OVERALL PLAN OF ACCESS ROAD, REFER DRAWING BT3423-2-1100-DO-AECOEC-1020.
FOR DETAILS OF PROPOSED JUNCTION, REFER DRAWING BT3423-2-1100-DO-AECOEC-1026.

NOTES:

EXTENT OF PROPOSED ACCESS ROAD

9m x 215m VISIBILITY SPLAY

VISIBILITY SPLAY PARAMETERS AS PER DMRB VOLUME 6 PART 6 - GEOMETRIC DESIGN OF MAJOR/MINOR PRIORITY JUNCTIONS

OF	28.02.25	EP	JM	RQ	TENDER DESIGN REISSUE
OE	21.02.25	EP	JM	RQ	TENDER DESIGN REISSUE
OD	19.12.24	EP	JM	RQ	TENDER DESIGN ISSUE
OC	30.10.24	JM	EP	RQ	OUTLINE DESIGN ISSUE
OB	03.10.24	EP	JM	RQ	OUTLINE DESIGN ISSUE
-	18.09.24	EP	JM	RQ	OUTLINE DESIGN ISSUE

Rev.	Date	Drawn	Reviewed	Approved	Reason / Description of changes.

SP ENERGY NETWORKS

AZCOM

FOR INFORMATION

Status Stamp:

Project:

REDSHAW 400/132kV SUBSTATION ENABLING WORKS

Location:

REDSHAW

Org. Title:

SUBSTATION ACCESS ROAD JUNCTION VISIBILITY SPLAYS

Drawn:

Rev'd:

App'd:

Org. No.:

BT3423-2-1100-DO-AECOEC-1025

SPEN Ref. No.:

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Sheet:

Next:

OF

Scale:

1:500

Size:

A1

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