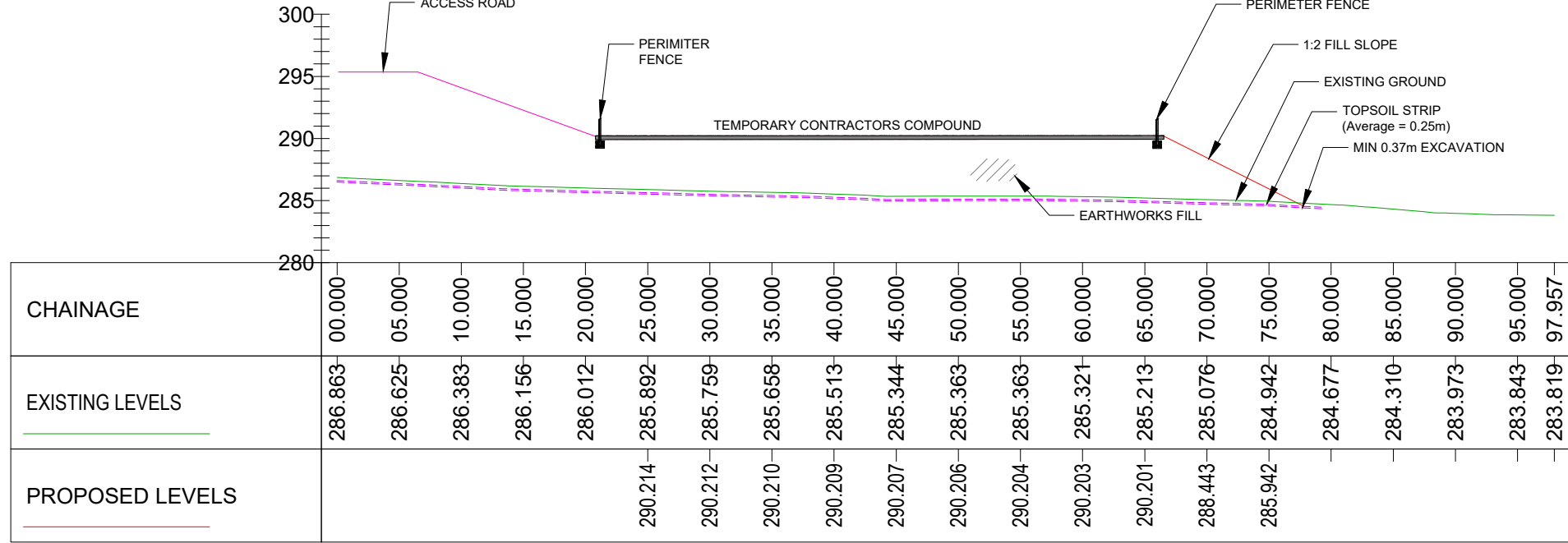
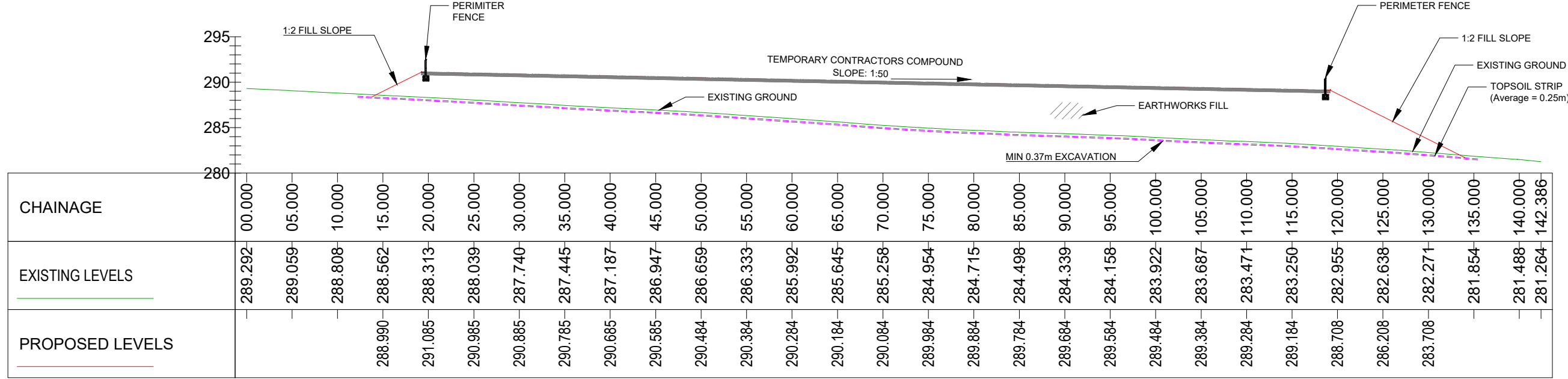


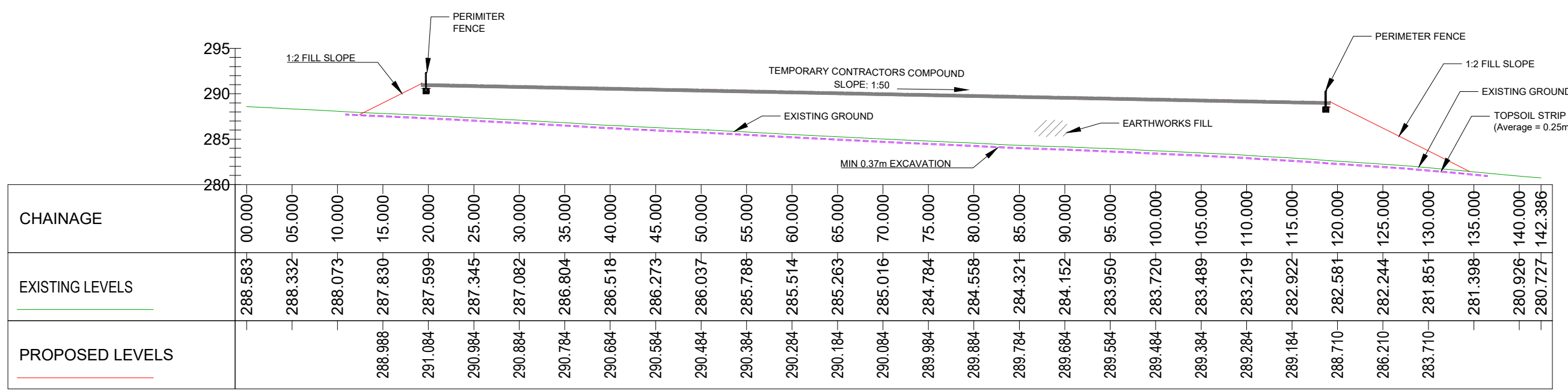
SECTION A-A  
SCALE: H 1:500, V 1:500



SECTION - B-B  
SCALE: H 1:500, V 1:500

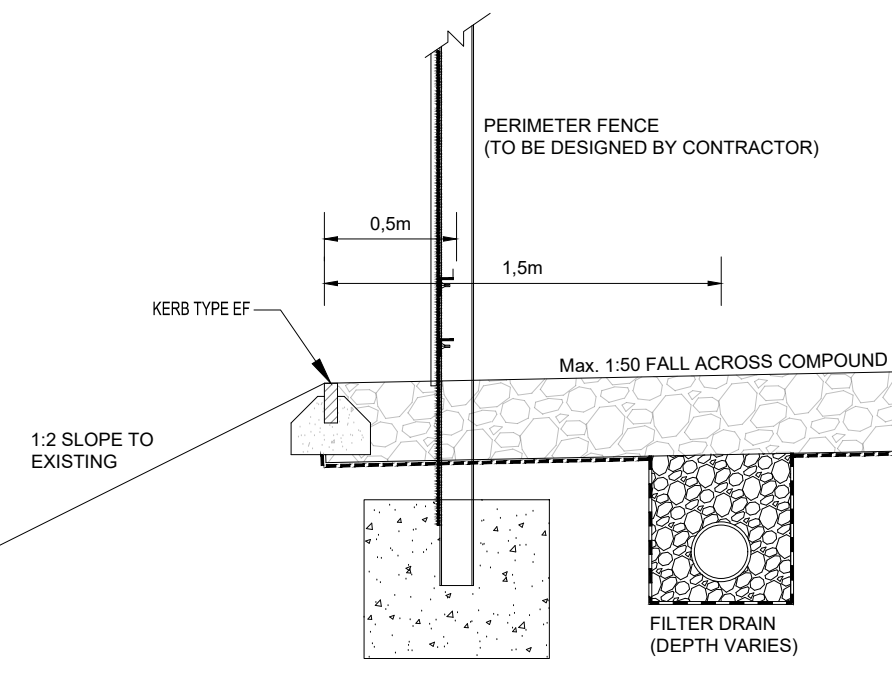


SECTION 1-1  
SCALE: H 1:500, V 1:500

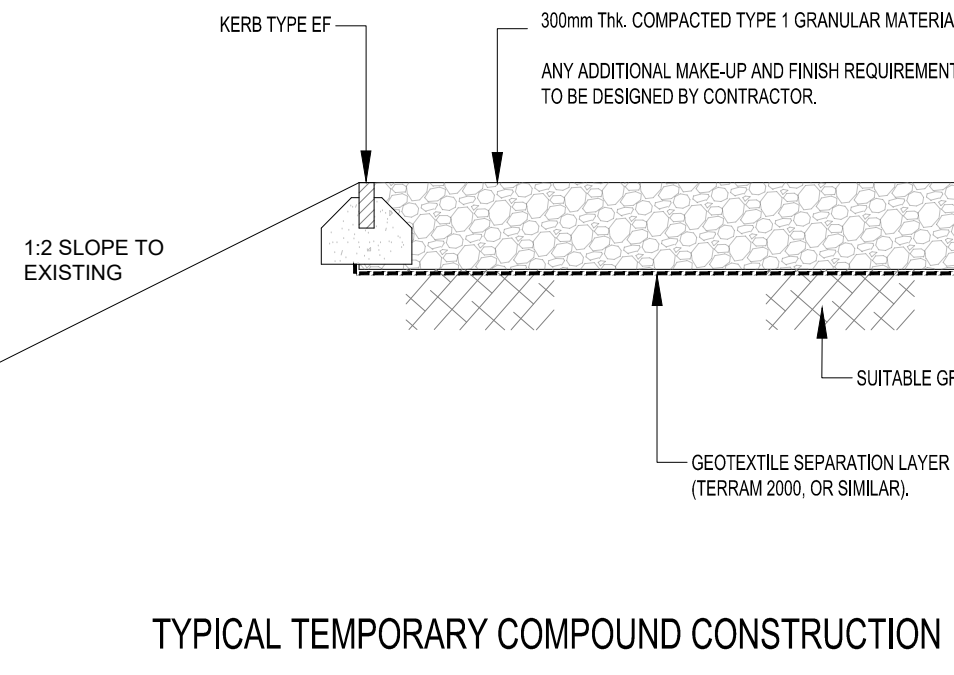


SECTION 2-2  
SCALE: H 1:500, V 1:500

- 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
- WORKS TO BE CARRIED OUT ADJACENT TO A HIGH VOLTAGE ENVIRONMENT. ALL WORKS TO PROCEED IN ACCORDANCE WITH HSG 47 (UNDERGROUND CABLES) & 6587 (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 2V OHL ROUTE.
  - PARTICULAR CARE IS REQUIRED WHEN WORKING AROUND THE 2 No EXISTING SCOTTISH WATER PIPES RUNNING WITHIN THE FIELD PARALLEL TO B7076. CONTRACTOR TO FOLLOW AND ADHERE TO APPROPRIATE SCOTTISH WATER DOMS 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 CONTRACTORS).
  - 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.
  - STEEP GROUND - CARE TO BE TAKEN WHEN MOVING AND OPERATING MACHINERY. ALL VEHICLES AND MACHINERY TO BE APPROPRIATE FOR THE CONDITIONS.
  - 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.
  - CARE SHOULD BE TAKEN TO PREVENT ANY CONTAMINATION OR SILT RUN-OFF FROM ENTERING ANY ADJACENT WATERCOURSES OR DRAINAGE SYSTEMS. 10m BUFFER SHALL BE LEFT TO EXISTING WATERCOURSES AT ALL TIMES.
  - 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
  - LOCATIONS FOR STORAGE OF EXCAVATED MATERIAL TO BE REVIEWED BY CONTRACTOR FOR SLOPE STABILITY AND AGREED WITH THE SPEN CONSTRUCTION MANAGER.



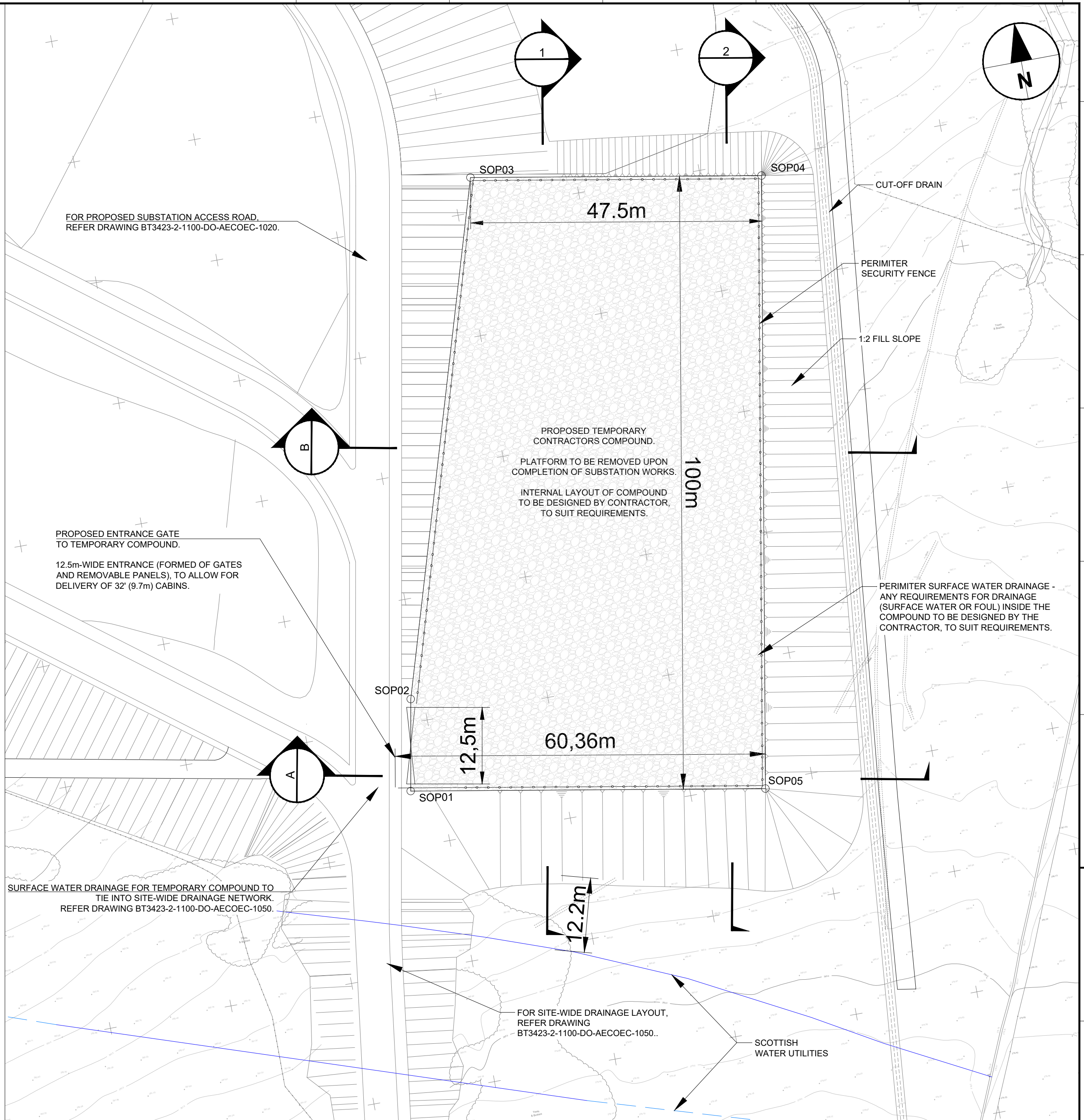
TYPICAL DETAIL AT EDGE OF PLATFORM



TYPICAL TEMPORARY COMPOUND CONSTRUCTION

NOTES:  
APPROPRIATE CBR OR PLATE LOAD TESTING TO BE UNDERTAKEN BY CONTRACTOR, TO ENSURE PLATFORM PROVIDES SUFFICIENT LOADING.

POINTS	EASTING	NORTHING	LEVEL	NOTES
SOP01	287352.724	627209.548	289.50m	
SOP02	287355.515	627224.286	289.52m	
SOP03	287380.624	627306.135	291.50m	
SOP04	287429.838	627297.307	291.50m	
SOP05	287412.181	627198.882	289.50m	



**REFERENCE DRAWINGS:**

FOR PROPOSED SUBSTATION LAYOUT, REFER DRAWING BT3423-2-1100-DO-AECOEC-1010.  
FOR PROPOSED ACCESS ROAD, REFER DRAWINGS BT3423-2-1100-DO-AECOEC-1020.

**NOTES:**

- DIMENSIONS SHALL NOT BE SCALED FROM THIS DRAWING.
- CONFLICTING INFORMATION SHOWN ON THE DRAWINGS, OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE SP ENERGY NETWORKS ENGINEER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE SP ENERGY NETWORKS ENGINEER BEFORE THE WORKS COMMENCE.
- IF, DURING EXCAVATION, THE CONTRACTOR DISCOVERS AND STRUCTURES OR SERVICES ON SITE WHICH ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE SP ENERGY NETWORKS SITE SUPERVISOR, WHO SHALL DECIDE WHAT ACTION TO TAKE, AS DEFINED IN NGTS 3.10.03. THIS IS A HOLD POINT.
- DRAWING PRODUCED FOR PLANNING PURPOSES ONLY. CONTRACTOR SHALL DESIGN ANY TEMPORARY CDM AREA, INCLUDING ANY ASSOCIATED TEMPORARY ARRANGEMENTS FOR THE DEVELOPMENT OF THE SCHEME.

04	19.03.25	JM	EP	RQ	UPDATED CUT & FILL TABLE
05	21.02.25	JM	EP	RQ	TENDER DESIGN REISSUE
06	21.02.25	JM	EP	RQ	TENDER DESIGN REISSUE
0E	20.12.24	EP	JM	RQ	TENDER DESIGN ISSUE
0D	06.11.24	JM	EP	RQ	OUTLINE DESIGN ISSUE
0C	25.10.24	JM	EP	RQ	OUTLINE DESIGN ISSUE
0B	03.10.24	EP	JM	RQ	OUTLINE DESIGN ISSUE
-	18.09.24	JM	EP	RQ	OUTLINE DESIGN ISSUE

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

**SP ENERGY NETWORKS**

**FOR INFORMATION**

**ATCOM**

Project: REDSHAW 400/132kV SUBSTATION  
ENABLING WORKS

Location: REDSHAW

Drp. Title: PROPOSED TEMPORARY CONTRACTORS COMPOUND  
LAYOUT AND CROSS-SECTIONS

Drawn	Rev'd	App'd	Drp. No.:	Sheet:
JM	EP	RQ	BT3423-2-1100-DO-AECOEC-1060	04
			SPEN Ref. No.: ###	Next:
				Scale: 1:1000
				Size: A1

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