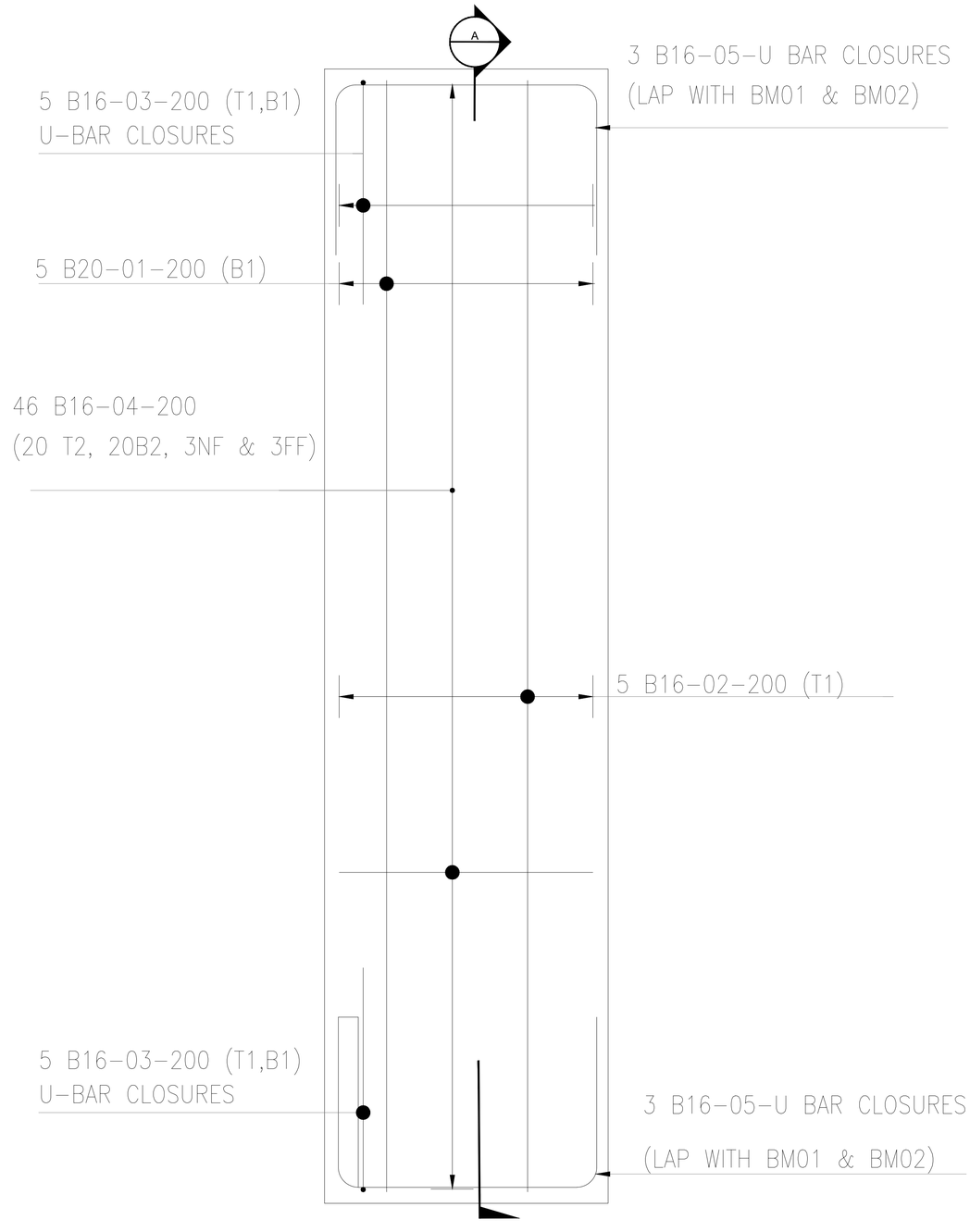
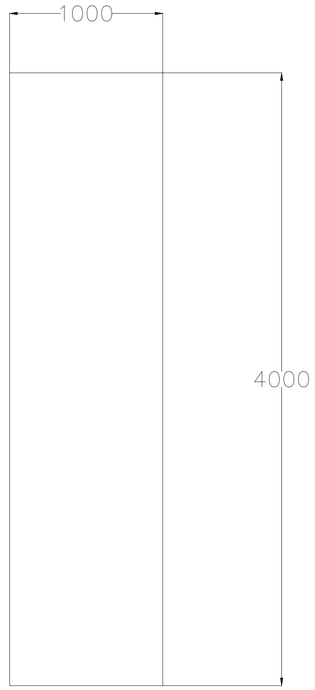


PLAN

0 0.25 0.5 m
1:10

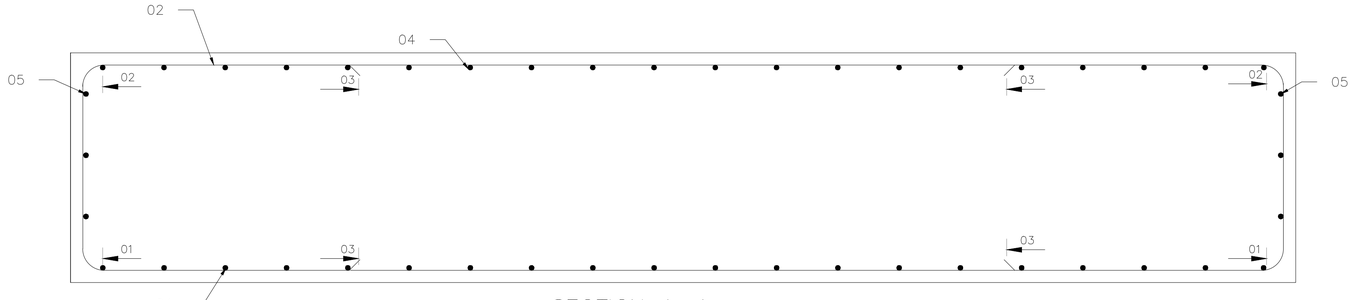


PLAN

ELEVATION

GENERAL ARRANGEMENT (54no)

0 0.5 1 m
1:20



SECTION A–A

0 0.25 0.5 m
1:10

Member	Bar Mark	Type and Size	No. of mbrs	No. of bars in each	Total No.	Length of each bar mm	Shape code	A mm	B mm	C mm	D mm	E/R mm
Concrete Protection Slab	01	H20	54	5	270	3885	00	3885				
	02	H16	54	5	270	3885	00	3885				
	03	H16	54	10	540	2210	21	820	670	820		
	04	H16	54	46	2484	920	00	920				
	05	H16	54	6	324	2460	21	820	920	820		

REFERENCE DRAWINGS:

FOR PROPOSED SUBSTATION LAYOUT, REFER DRAWING BT3423-2-1100-DO-AECOEC-1010.
FOR PROPOSED SUBSTATION ACCESS ROAD, REFER DRAWING BT3423-2-1100-DO-AECOEC-1020.
FOR CROSS-SECTIONS THROUGH PROPOSED CONCRETE PROTECTION, REFER DRAWING BT3423-2-1100-DO-AECOEC-1031.
FOR PROPOSED PROTECTION DETAILS, REFER DRAWING BT3423-2-1100-DO-AECOEC-1032.
FOR CONCRETE SPECIFICATION, REFER DRAWING BT3423-2-1100-DO-AECOEC-1033.

NOTES:

1. DIMENSIONS SHALL NOT BE SCALED FROM THIS DRAWING.
2. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
3. 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.
4. FOR REINFORCEMENT SCHEDULE, PLEASE REFER TO DOCUMENT BT3423-2-1100-ST-AECOEC-0009

CONCRETE SPECIFICAITON

COMBINATION TYPE: (IIA, IIB-S, IIB-V, IIA) - STRENGTH CLASS: C40/50
SLUMP CLASS: S3
DESIGNATED CONCRETE: RC40/50XF
MAX W/C RATIO: 0.45
MIN COVER 40mm

Rev.	Date	Drawn	Reviewed	Approved	Reason / Description of changes.
0A	03.01.25	JM	EP	RQ	TENDER DESIGN ISSUE

SP ENERGY NETWORKS

Reason Stamp: FOR INFORMATION
NOEMI LOPEZ SOLANO 2025.03.10 10:39:13 +01'00'

Status Stamp:

Project: REDSHAW 400/132kV SUBSTATION ENABLING WORKS

Location: REDSHAW

Drg. Title: CONCRETE CROSSING REINFORCEMENT DETAIL

Drawn	Rev'd	App'd
JM	EP	RQ

Drg. No.: BT3423-2-1100-DO-AECOEC-1034
SPEN Ref. No. : ####
Sheet: Next:
Rev: 0A
Scale: 1:500
Size: A1

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