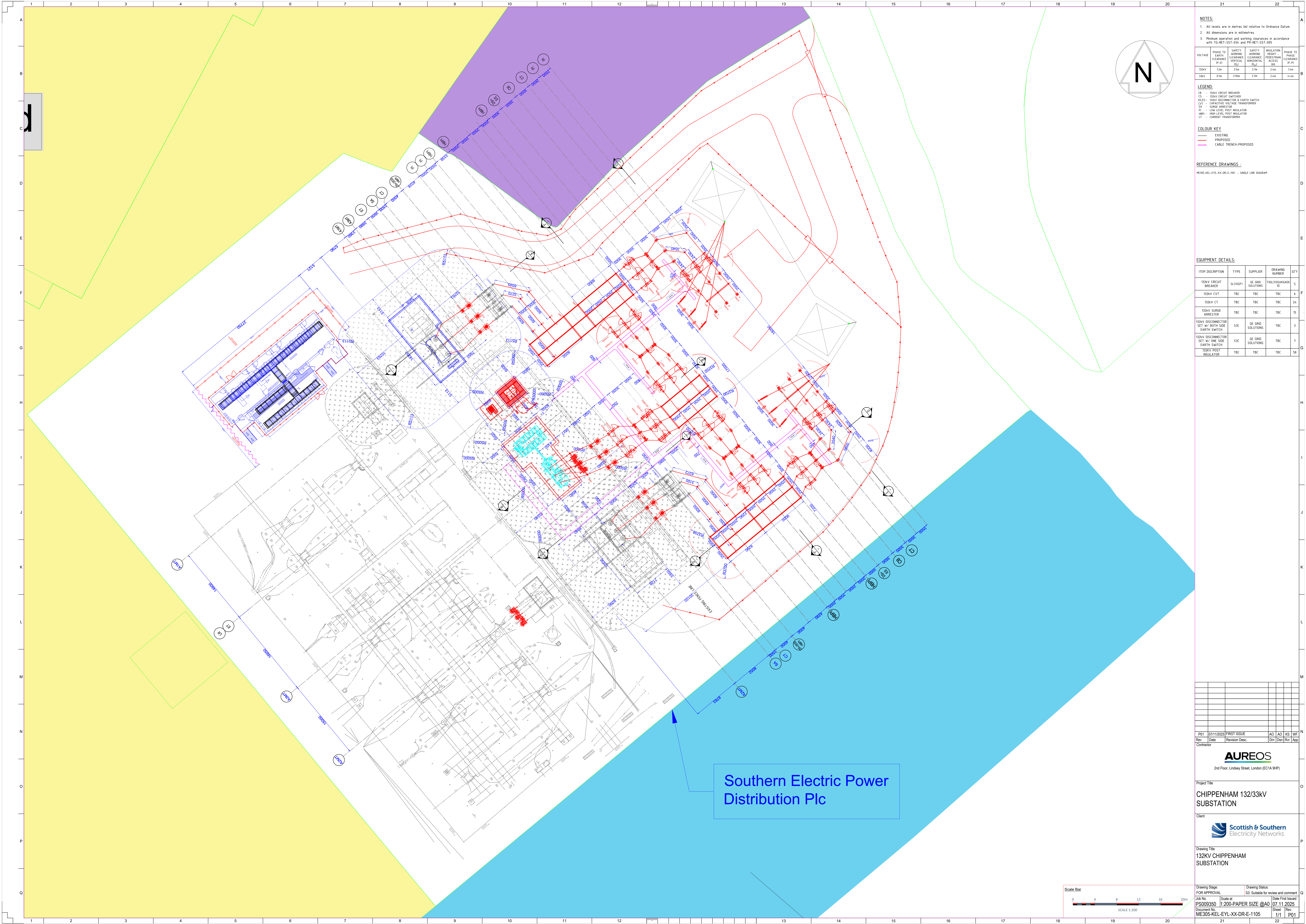




NOTES:

1. All levels are in metres (m) relative to Ordnance Datum.

2. All dimensions are in millimetres.

3. Minimum operation and working clearances in accordance with TG-NET-SST-034 and PR-NET-SST-005.

VOLTAGE	PHASE TO EARTH CLEARANCE (P-E)	SAFETY WORKING CLEARANCE (SW)	SAFETY WORKING CLEARANCE (SW)	INSULATION HEIGHT ACCESS (IH)	PHASE TO PHASE CLEARANCE (P-P)
132KV	1.2m	3.5m	3.7m	2.4m	1.4m
33KV	0.5m	2.9m	3.1m	2.4m	0.5m

LEGEND:

CB - 132KV CIRCUIT BREAKER
CT - 10KV CURRENT TRANSFORMER
DOL - 132KV DISCONNECTOR & EARTH SWITCH
EVS - EXHAUSTIVE VOLTAGE TRANSFORMER
SA - SURGE ARRESTOR
PH - LOW LEVEL POST INSULATOR
HPH - HIGH LEVEL POST INSULATOR
CT - CURRENT TRANSFORMER

COLOUR KEY

— EXISTING
— PROPOSED
— CABLE TRENCH-PROPOSED

REFERENCE DRAWINGS:

ME305-KEL-EVL-XX-DR-E-1101 - SINGLE LINE DIAGRAM

EQUIPMENT DETAILS:

ITEM DESCRIPTION	TYPE	SUPPLIER	DRAWING NUMBER	QTY
132KV CIRCUIT BREAKER	GL31001	GE GRID SOLUTIONS	T00130100000000	5
132KV CVT	TBC	TBC	TBC	6
132KV CT	TBC	TBC	TBC	24
132KV SURGE ARRESTOR	TBC	TBC	TBC	15
132KV DISCONNECTOR SET W/ BOTH SIDE EARTH SWITCH	S3C	GE GRID SOLUTIONS	TBC	3
132KV DISCONNECTOR SET W/ ONE SIDE EARTH SWITCH	S3C	GE GRID SOLUTIONS	TBC	7
132KV POST INSULATOR	TBC	TBC	TBC	58

Rev	Date	Revision Desc	AD	AD	KS	WF
P01	07/11/2025	FIRST ISSUE				

Contractor

AUREOS
2nd Floor, Lindsey Street, London (EC1A 9HP)

Project Title
CHIPPENHAM 132/33KV SUBSTATION

Client
Scottish & Southern Electricity Networks

Drawing Title
132KV CHIPPENHAM SUBSTATION

Drawing Stage
FOR APPROVAL

Drawing Status
S3: Suitable for review and comment

Job No.
PS009350

Scale at
1:200-PAPER SIZE @A0

Date First Issued
07.11.2025

Document No.
ME305-KEL-EVL-XX-DR-E-1105

Sheet
1/1

Rev.
P01

Scale Bar

0 4 8 12 16 20m

SCALE 1:200