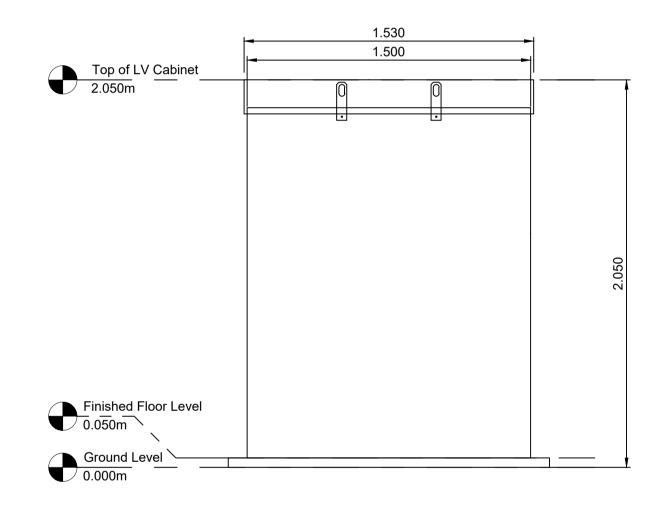
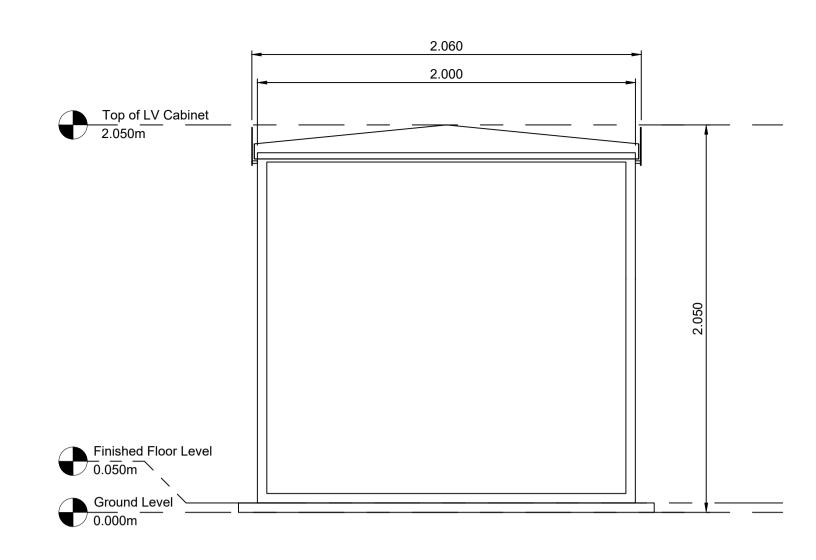


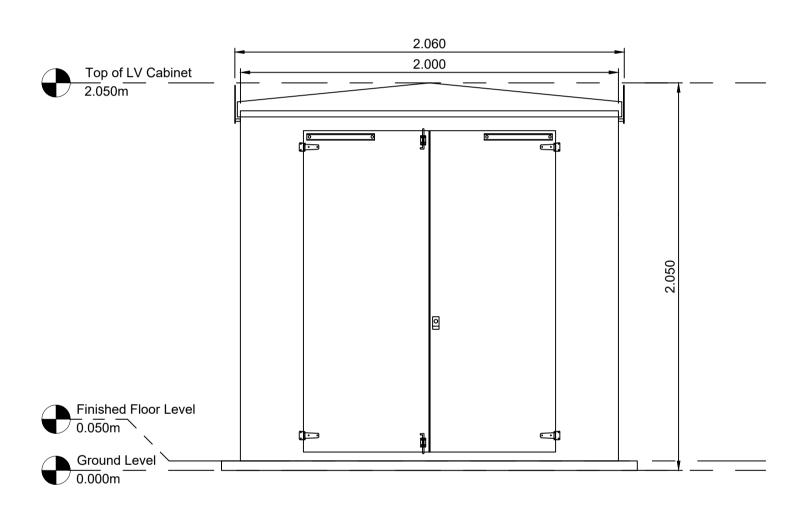
1 LV Cabinet Plan Scale 1:20 @ A1



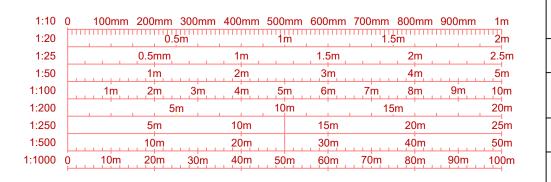
3 LV Cabinet East Elevation
Scale 1:20 @ A1



2 LV Cabinet North Elevation Scale 1:20 @ A1



4 LV Cabinet South Elevation
Scale 1:20 @ A1



Drawing Notes

- 1. All dimensions are shown in metres unless noted otherwise.
- 2. Do not scale from this drawing.

1	12.11.2024	Detail adjusted	JH	AP
0	30.10.2024	LV Cabinet Plan and Elevations - Original	EW	JH
REV	DATE	DESCRIPTION	BY	CHK'D



Field Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

Spitta

LV Cabinet
Plan and Elevations

DISCIPLINE

 DRAWING STATUS

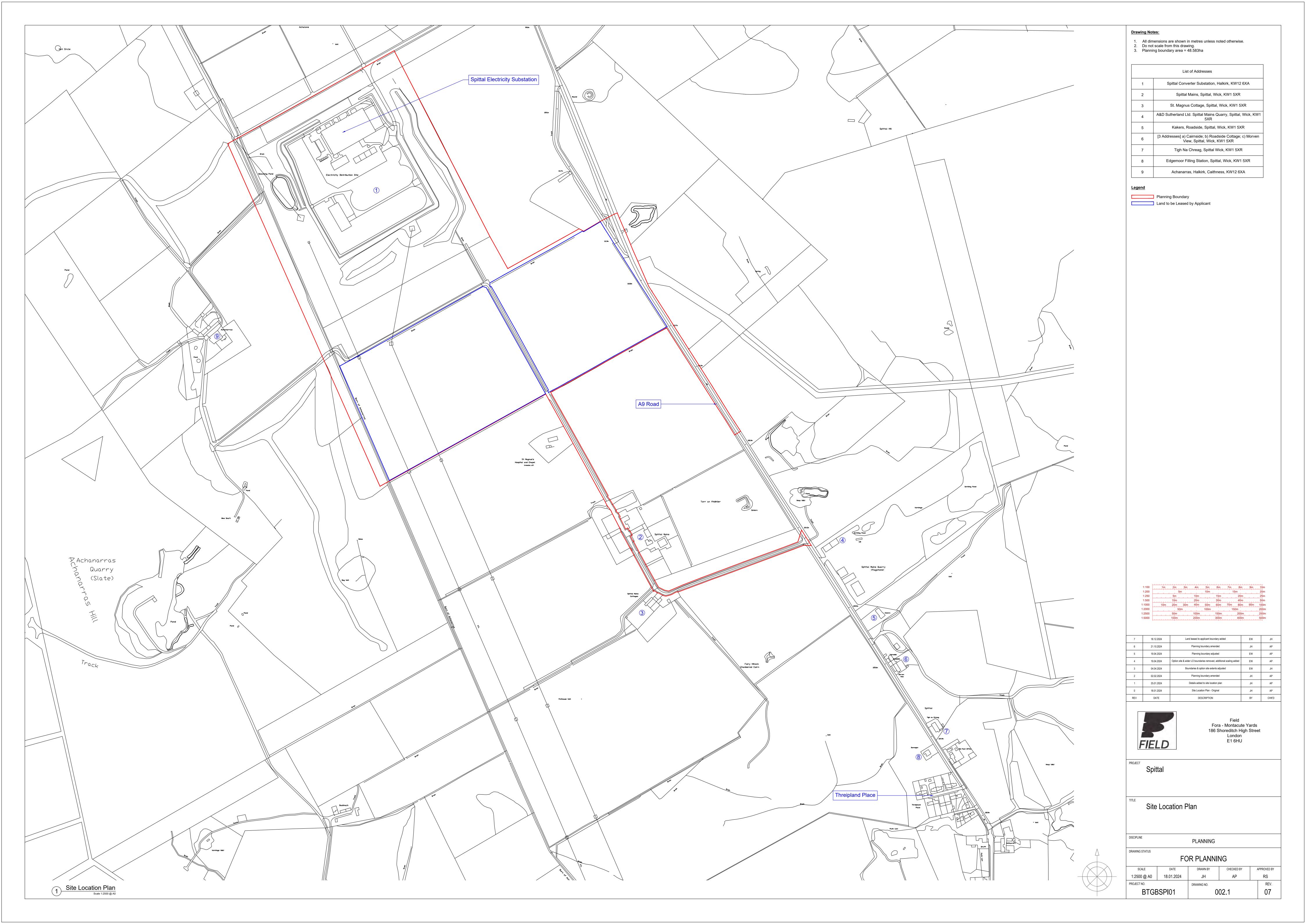
 FOR PLANNING

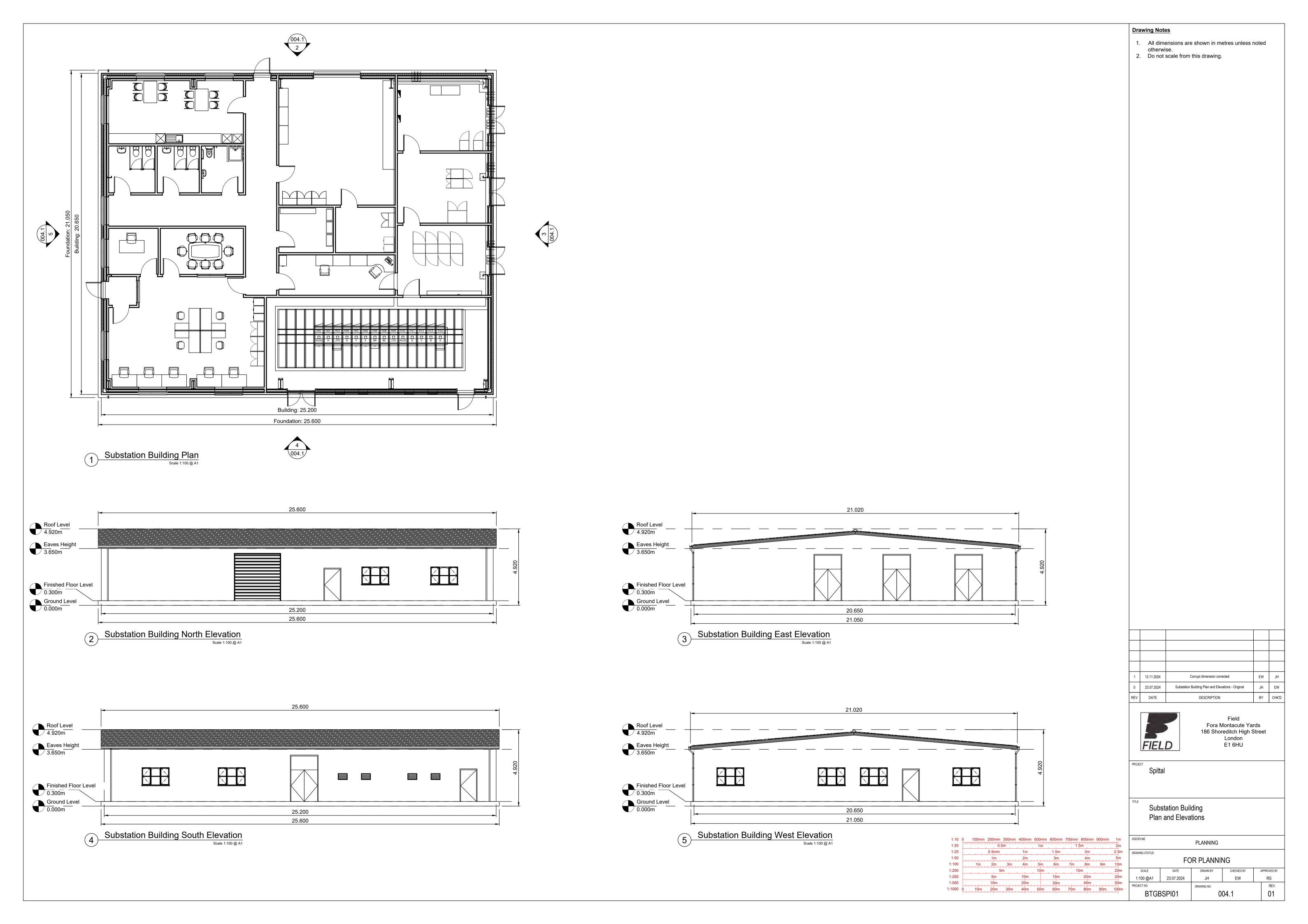
 SCALE
 DATE
 DRAWN BY
 CHECKED BY
 APPROVED BY

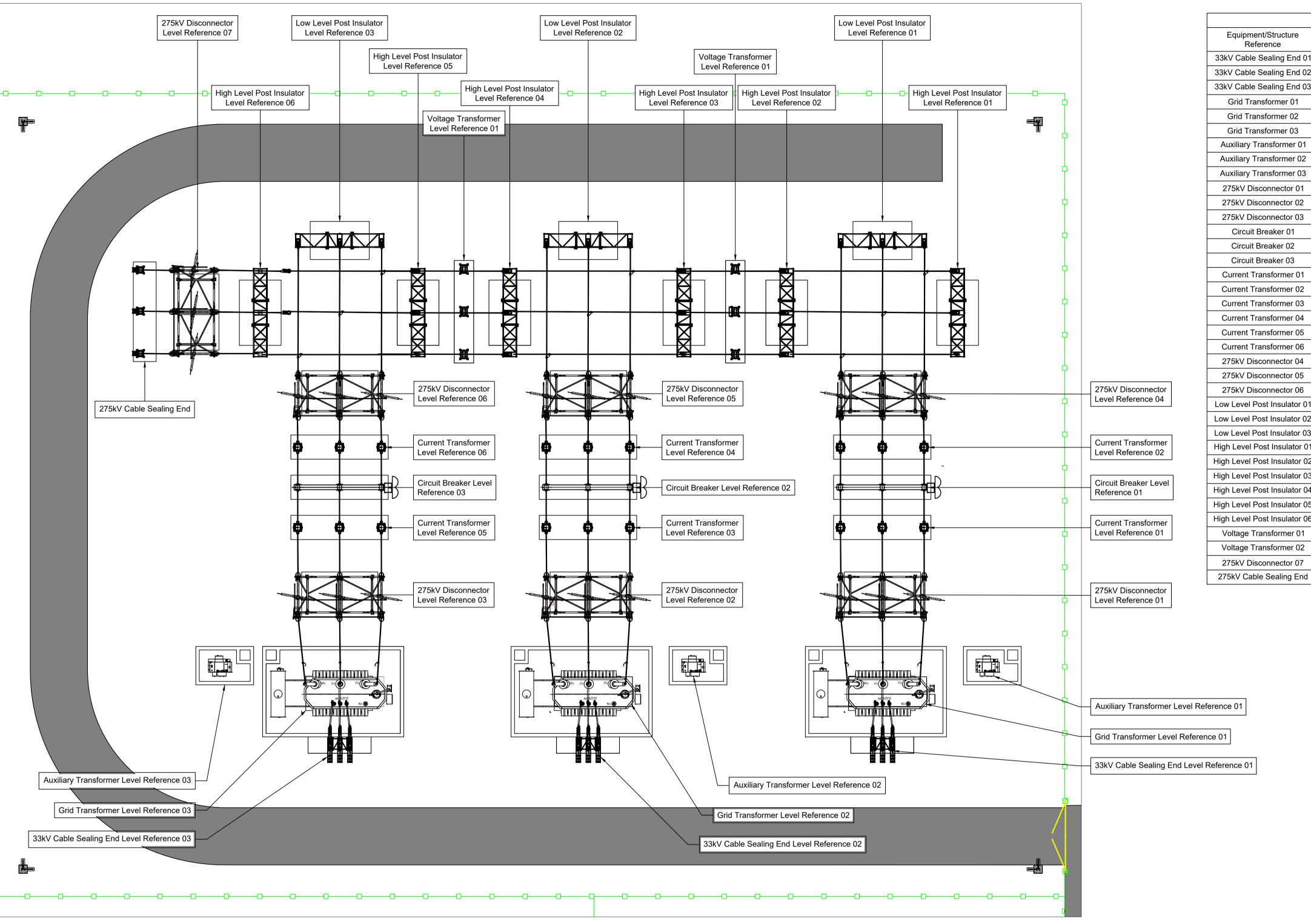
 1:20 @ A1
 30.10.2024
 EW
 JH
 RS

 PROJECT NO.
 DRAWING NO.
 REV.

 BTGBSPI01
 004.7
 01







1 275kV Substation Structure Levels Plan
Scale 1:200 @ A1

275kV Equipment Levels					
Equipment/Structure Reference	Finished Floor Level (m)	Top of Equipment/Structure Skid (m)			
33kV Cable Sealing End 01	93.790	98.710			
33kV Cable Sealing End 02	93.530	98.450			
33kV Cable Sealing End 03	93.320	98.240			
Grid Transformer 01	93.790	101.100			
Grid Transformer 02	93.530	100.840			
Grid Transformer 03	93.320	100.630			
Auxiliary Transformer 01	93.830	96.030			
Auxiliary Transformer 02	93.580	95.780			
Auxiliary Transformer 03	93.160	95.360			
275kV Disconnector 01	93.470	99.490			
275kV Disconnector 02	93.210	99.230			
275kV Disconnector 03	92.990	99.010			
Circuit Breaker 01	93.420	101.200			
Circuit Breaker 02	93.170	100.950			
Circuit Breaker 03	92.950	100.730			
Current Transformer 01	93.440	99.480			
Current Transformer 02	93.410	99.450			
Current Transformer 03	93.180	99.220			
Current Transformer 04	93.150	99.190			
Current Transformer 05	92.970	99.010			
Current Transformer 06	92.930	98.970			
275kV Disconnector 04	93.380	100.180			
275kV Disconnector 05	93.120	99.920			
275kV Disconnector 06	92.910	99.710			
Low Level Post Insulator 01	93.300	100.260			
Low Level Post Insulator 02	93.050	100.010			
Low Level Post Insulator 03	92.830	99.790			
High Level Post Insulator 01	93.400	103.200			
High Level Post Insulator 02	93.250	103.050			
High Level Post Insulator 03	93.160	102.960			
High Level Post Insulator 04	93.010	102.810			
High Level Post Insulator 05	92.930	102.730			
High Level Post Insulator 06	92.790	102.590			
Voltage Transformer 01	93.200	102.020			
Voltage Transformer 02	92.970	101.790			

92.740

92.690

99.540

97.690

Drawing Notes:

- 1. All dimensions are shown in metres unless noted
- otherwise.
- Do not scale from this drawing.
 This drawing is indicative only and the site layout is likely to change as more information becomes
- 4. All levels are in metres above ordnance datum (AOD).

3	12.11.2024	Levels corrected	EW	JH
2	30.08.2024	Equipment levels amended due to site layout revision	JH	RS
1	07.06.2024	Levels amended in line with latest site layout	EW	JH
0	09.04.2024	275kV Substation Structure Levels - Original	JH	EW
REV	DATE	DESCRIPTION	BY	CHK'D



Field Fora - Montacute Yards 186 Shoreditch High Street London E1 6HU

PROJECT Spitt

275kV Substation Structure Levels

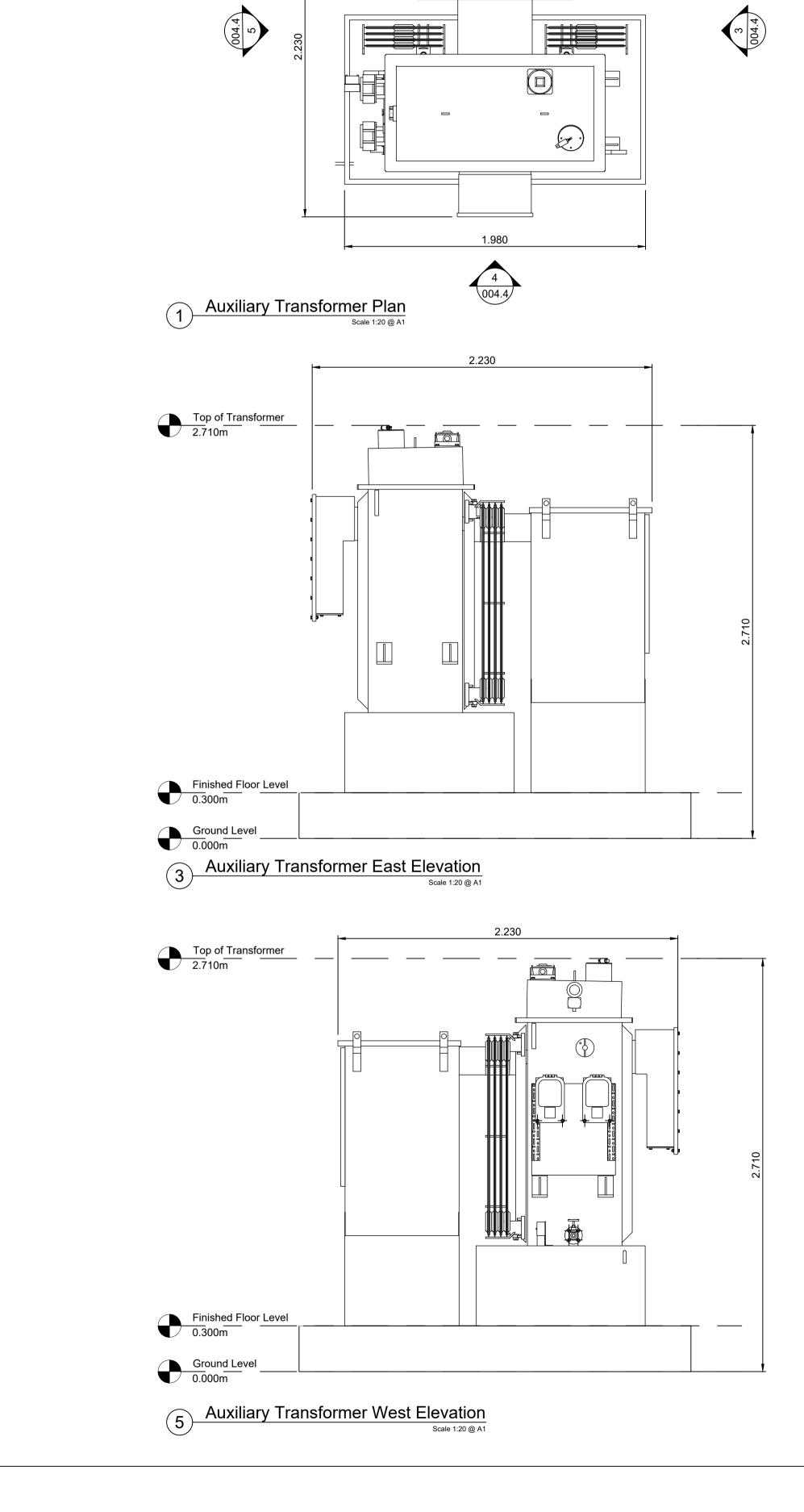
DESIGN

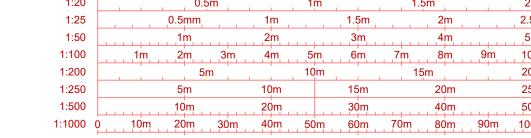
IG STATUS

FOR INFORMATION



1:100	1m 2m	3m	4m	5m	6m	7m	8m	9m	10n
1:200		5m	,	10m		15	m ¦	'	20r
1:250	5m		10m		15m		20m		25r
1:500	10m		20m		30m		40m		50r
1:1000	10m 20m	30m	40m	50m	60m	70m	80m	90m	100
1:2000		50m		100m		150)m		200
1:2500	50m		100m		150m		200m		250
1:5000	100n	1	200m		300m		400m		500





	1:10	0 10	0mm	200mm	300mm	400mm	500mm	600mm	700mm	800mm	900mm	1m
	1:20	ПППППППППППППППППППППППППППППППППППППП	 	0.	5m		1m		1.5	5m		2m
	1:25			0.5mm		1m		1.5m	1 1	2m		2.5n
	1:50			1m		2m		3m		4m		5m
1:	:100		1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
1:	200			, 5	m		10m	<u>'</u>	15	īm ˈ		20n
1:	250			5m		10m		15m		20m		25n
1:	:500			10m		20m		30m		40m		50n
1:1	000	0 1	0m	20m	30m	40m	50m	60m	70m	80m	90m	100r
		•										

1. All dimensions are shown in metres unless noted otherwise. 2. Do not scale from this drawing.

Drawing Notes

1.980

1.980

Top of Transformer
2.710m

Finished Floor Level
0.300m

2 Auxiliary Transformer North Elevation

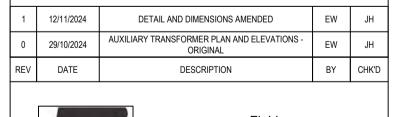
Ground Level 0.000m

Top of Transformer 2.710m

Finished Floor Level
0.300m

4 Auxiliary Transformer South Elevation
Scale 1:20 @ A1

Ground Level 0.000m



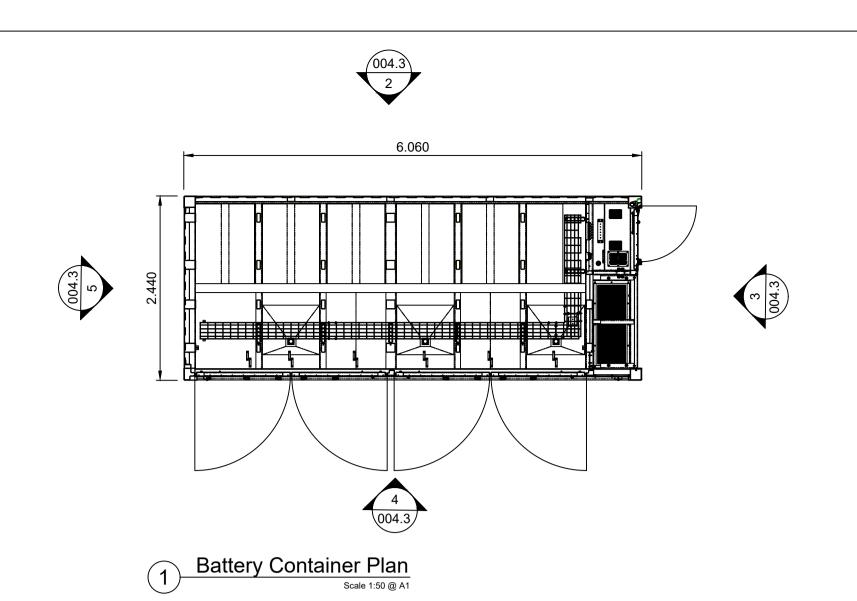


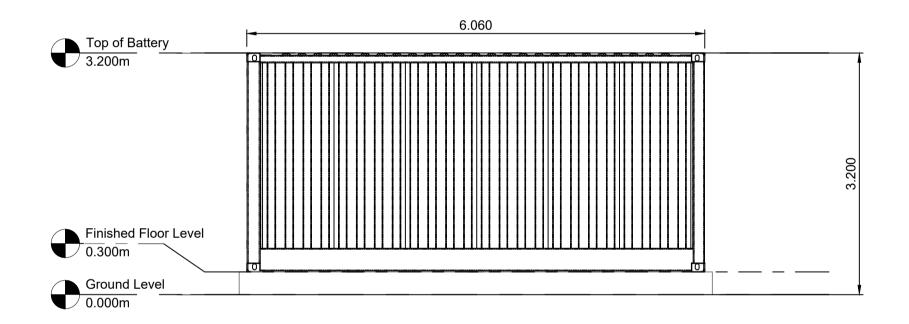
Field Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

Auxiliary Transformer Plan and Elevations

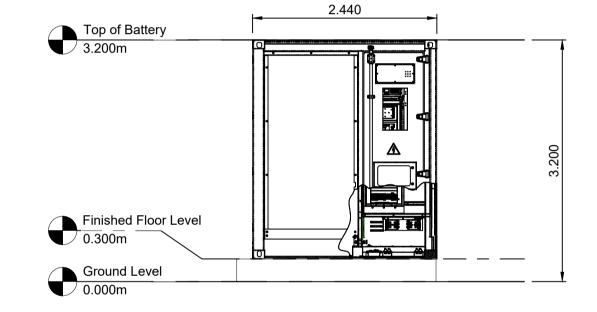
PLANNING DRAWING STATUS

FOR PLANNING							
SCALE	DATE	DRAWN BY	CHECKED BY	ŀ	APPROVED BY		
1:20 @ A1	29/10/2024	EW	JH		RS		
PROJECT NO.		DRAWING NO.			REV.		
BTGE	3SPI01	0	004.4				

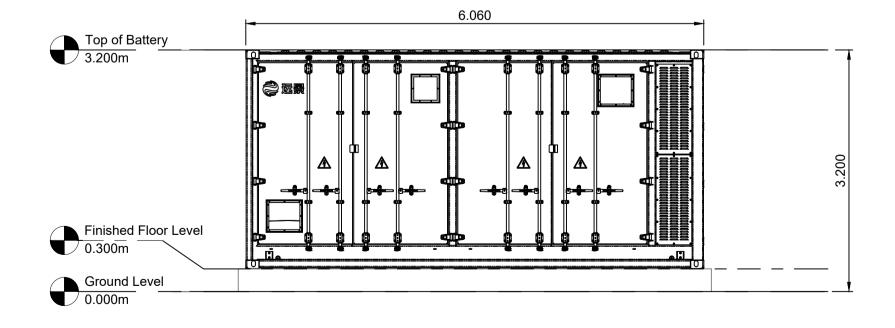




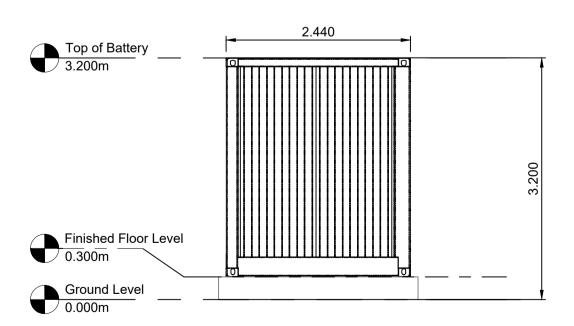
Battery Container North Elevation
Scale 1:50 @ A1



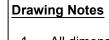
Battery Container East Elevation
Scale 1:50 @ A1



Battery Container South Elevation
Scale 1:50 @ A1



5 Battery Container West Elevation
Scale 1:50 @ A1



- 1. All dimensions are shown in metres unless noted otherwise.
- 2. Do not scale from this drawing.

0	29.10.2024	Battery Container Plan and Elevations - Original	EW	JH
REV	DATE	DESCRIPTION	BY	CHK'D



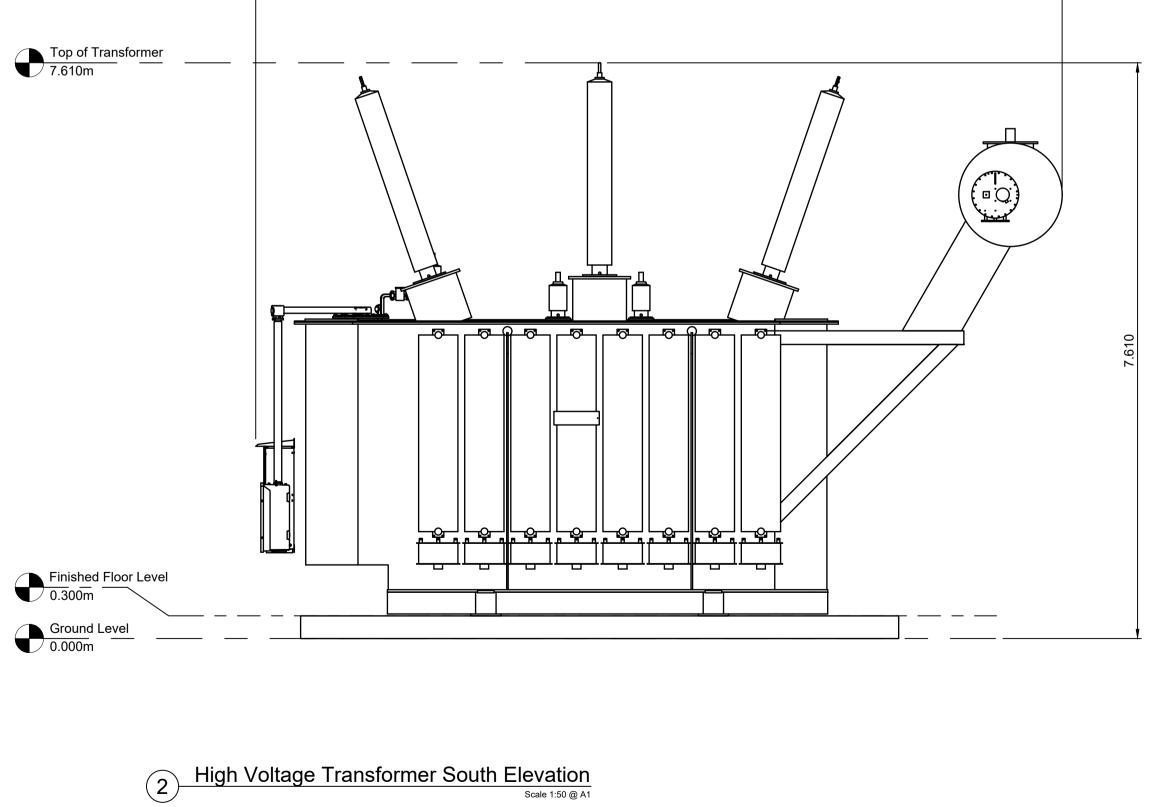
Field Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

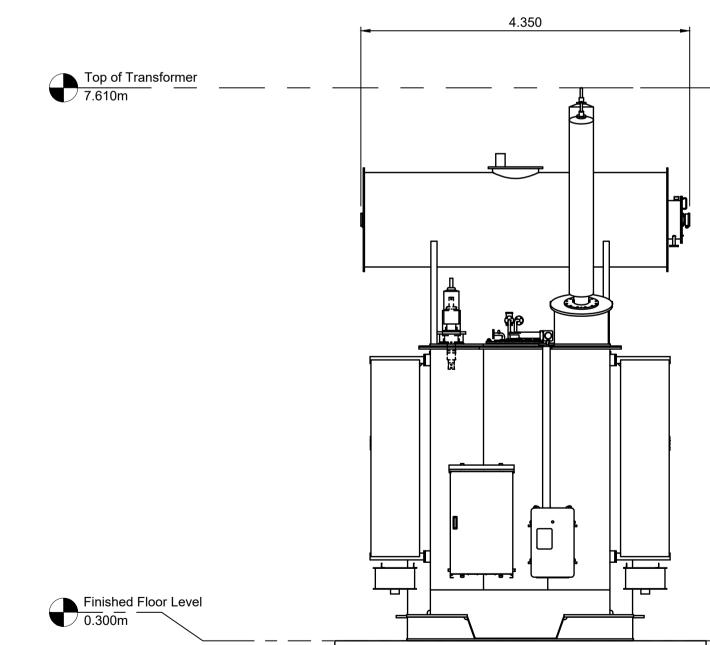
PROJECT Spitta

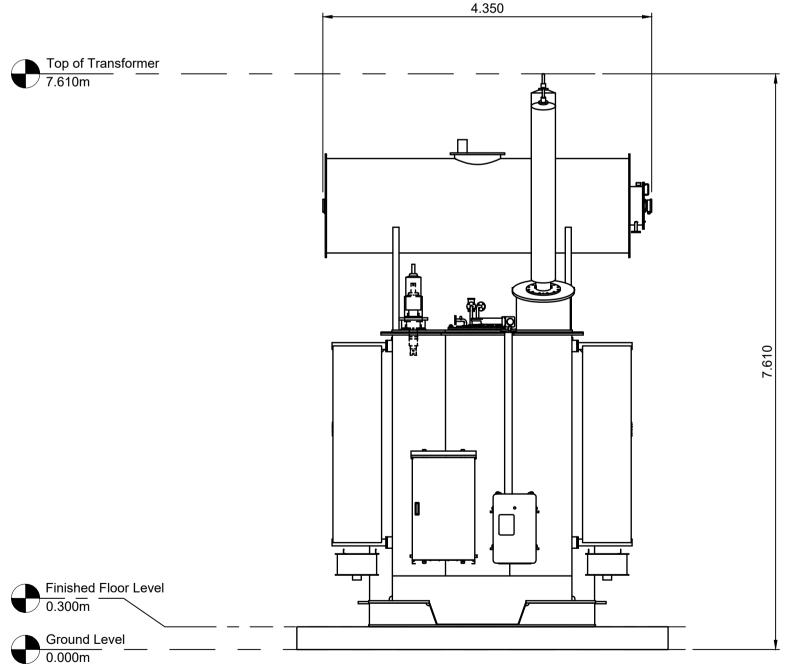
Battery Container Plan and Elevations

DISCIPLINE	PI AN

1:20	0.5m	1	m	1.5m	2m			PLANNING		
1:25	0.5mm	1m	1.5m	2m	2.5m					
1:50	1m	2m	3m	4m	5m	DRAWING STATUS	F0		NO.	
1:100	1m 2m 3m	4m 5	m 6m	7m 8m 9r	n 10m		FU	R PLANNII	NG	
1:200	5m	, 10	m	15m	20m	SCALE	DATE	DRAWN BY	CHECKED BY	APPROVED BY
1:250	5m	10m	15m	20m	25m	1:50 @ A1	29.10.2024	EW	JH	RS
1:500	10m	20m	30m	40m	50m	PROJECT NO.		DRAWING NO.		REV.
1:1000 (0 10m 20m 30m	40m 50	m 60m	70m 80m 90	m 100m	BTGE	SPI01	0	04.3	00







High Voltage Transformer West Elevation
Scale 1:50 @ A1



1:1000 0 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

<u> Draw</u>	ring Notes
1.	All dimensions are shown in metres

s unless noted otherwise.

Plar	n and Eleva	tions			
DISCIPLINE		PLANNING			
DRAWING STATUS	FC	R PLANNII	NG		
SCALE	DATE	DRAWN BY	CHECKED BY	,	APPROVED BY
1:50 @A1	29.10.2024	EW	JH		RS
PROJECT NO.		DRAWING NO.			REV.
BTGE	BSPI01	0	04.5		00

High Voltage Transformer

High Voltage Transformer Plan and Elevations

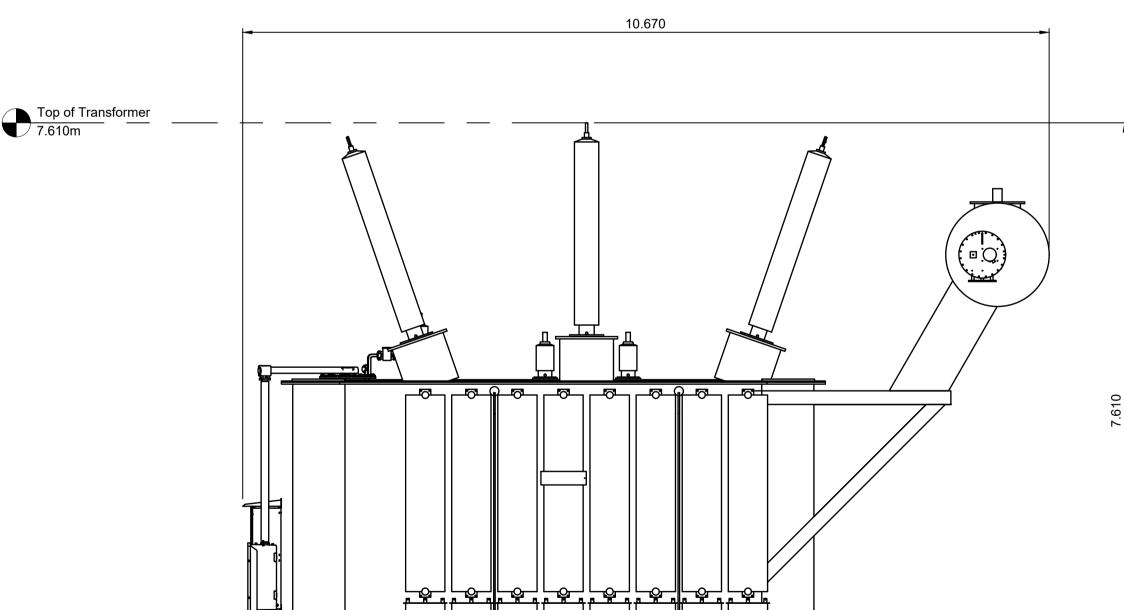
Field Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

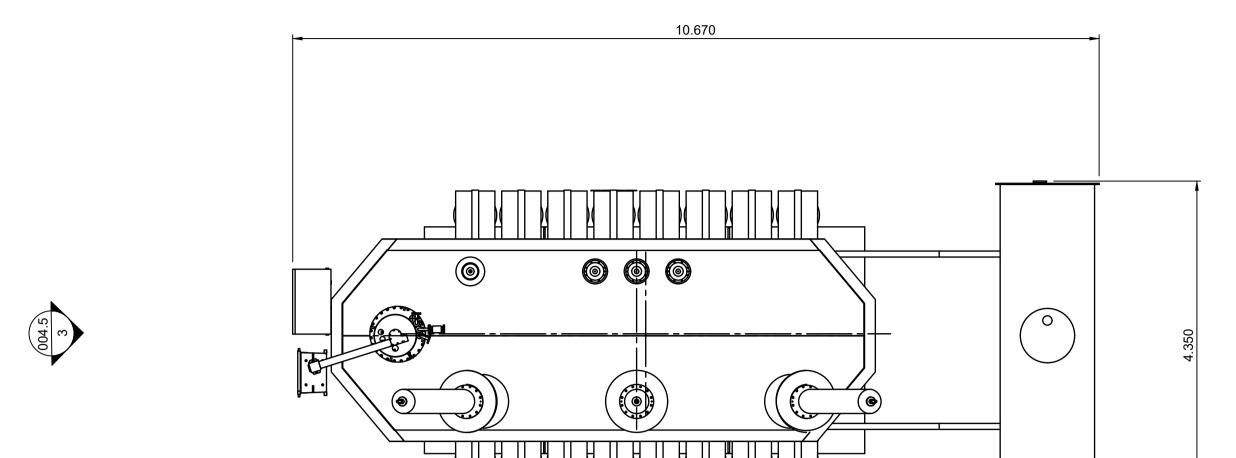
0 29.10.2024

DATE

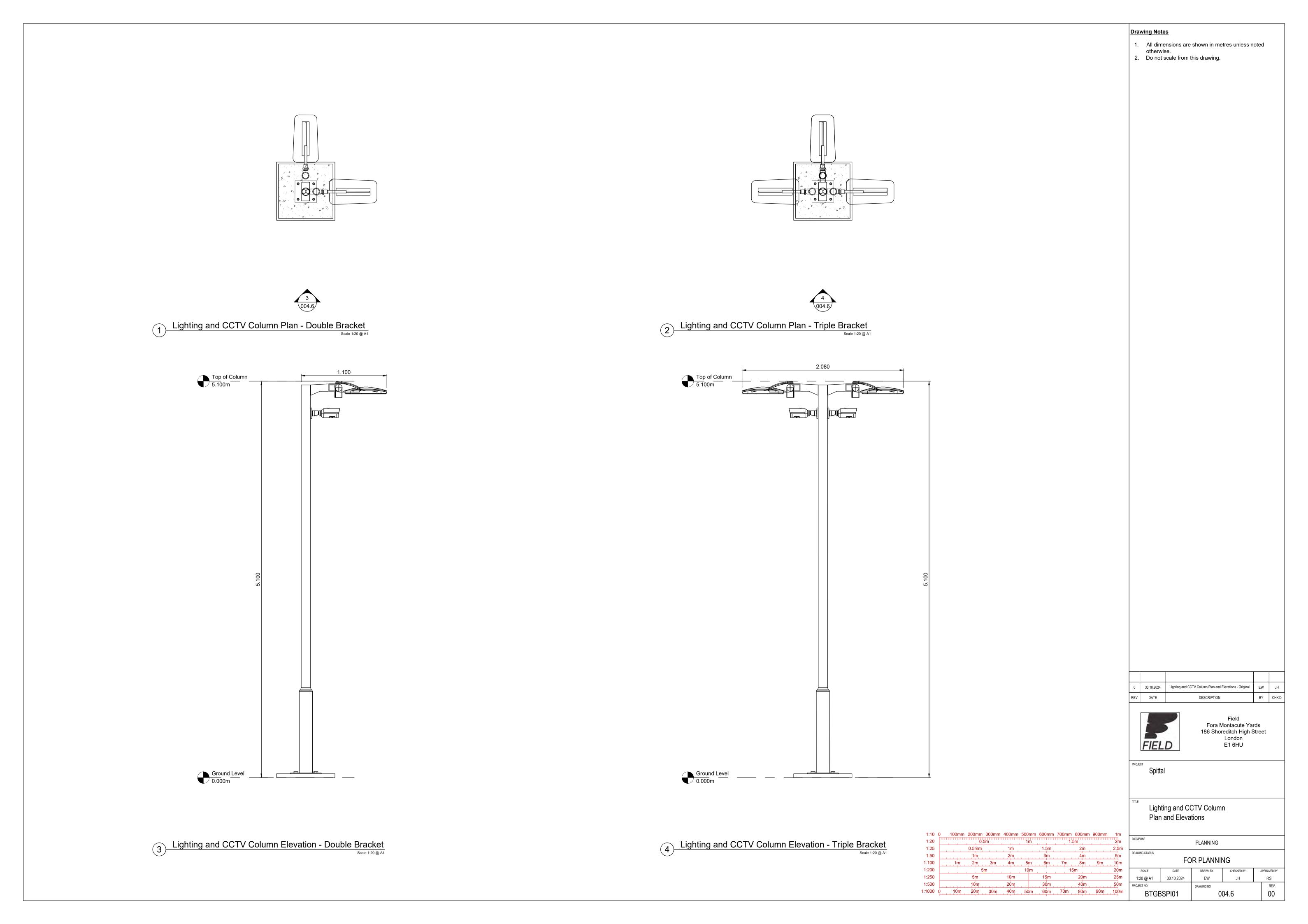
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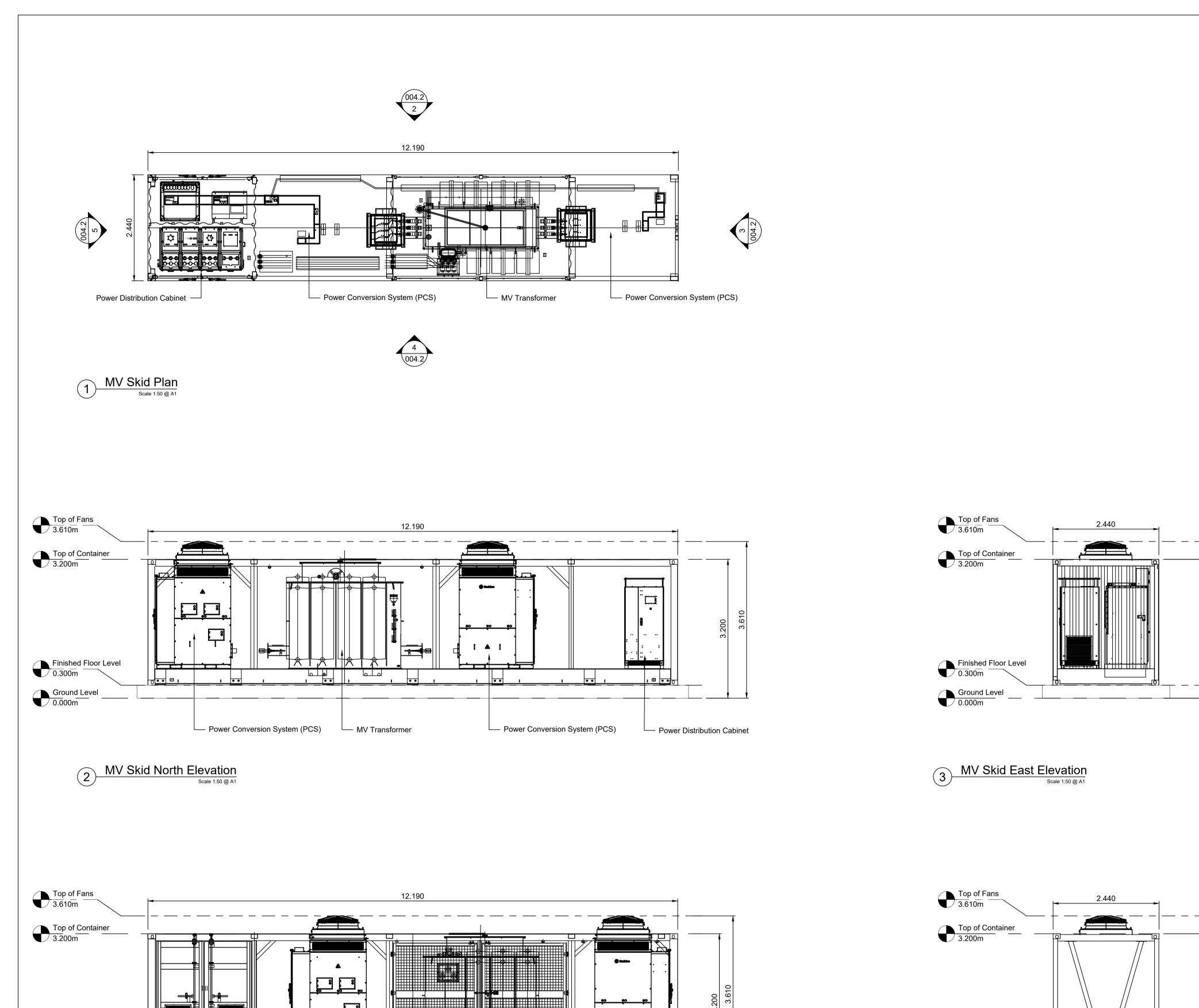
Spittal





High Voltage Transformer Plan





Power Conversion System (PCS)

Power Conversion System (PCS)

MV Transformer

Finished Floor Level

Power Distribution Cabinet

MV Skid South Elevation
Scale 1:50 @ A1

Ground Level 0.000m

0 29.10.2024 Transformer Skid Plan and Elevations - Original DESCRIPTION

FIELD

Field Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

Spittal

Drawing Notes

otherwise.

2. Do not scale from this drawing.

1. All dimensions are shown in metres unless noted

MV Skid Plan and Elevations

BTGBSPI01

 1:200
 5m
 10m
 15m
 20m

 1:250
 5m
 10m
 15m
 20m
 25m

 1:500
 10m
 20m
 30m
 40m
 50m

 1:1000
 0
 10m
 20m
 50m
 60m
 70m
 80m
 90m
 100m
 1:50 @ A1

PLANNING FOR PLANNING DATE 29.10.2024 DRAWN BY RS

004.2

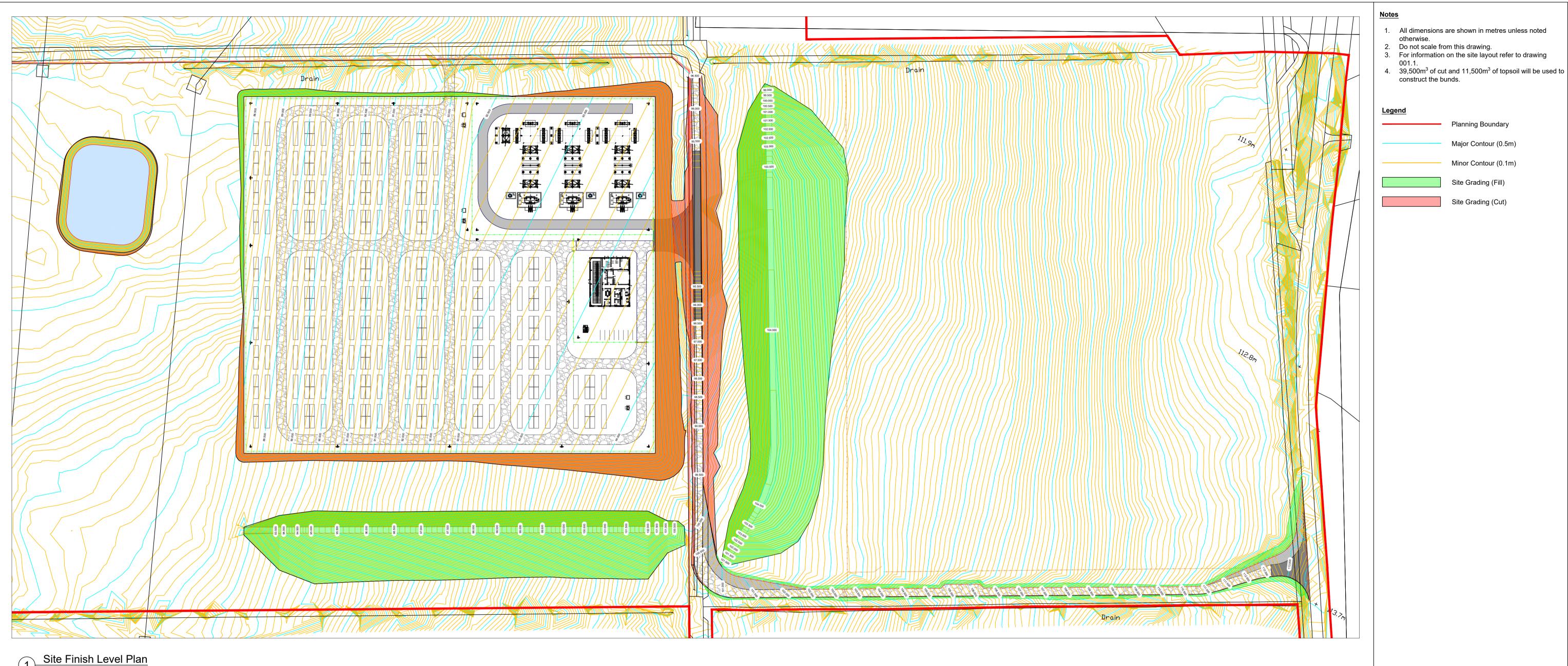
REV.

00

5 MV Skid West Elevation
Scale 1:50 @ A1

Finished Floor Level

Ground Level 0.000m



Site Finish Level Plan
Scale 1:1000 @ A1

Volume Summary		
Description	Unit	Volume
Cut Volume	m ³	43,695.292
Fill Volume	m ³	4,311.881
Net (Cut)	m ³	39,383.411
Import Fill Required	n/a	No
Topsoil Reused (Grading Area)	m ³	1,632.420
Topsoil Remaining	m ³	11,456.580
Site Aggregate Volume (Assumed 225mm CGA)	m ³	7,303.950
Site Finish Volume (Assumed 75mm Chippings)	m ³	2,434.650
Site Road Sub Base Volume (Assumed 350mm 6F5)	m ³	2,004.310
Site Road Finish Volume (Assumed 150mm Type 1)	m ³	858.990
Access Road Sub Base Volume (Assumed 350mm 6F5)	m ³	1,263.500
Site Road Finish Volume (Assumed 150mm Type 1)	m ³	541.500
Assumed Volume for HRA	m ³	220.000

6	18.12.2024	24 Site volume summary added		JH
5	12.11.2024	East bund amended		JH
4	21.10.2024	Topo surface and access road added to plan. Attenuation basin amended. Sheet size changed to A0		AP
3	10.09.2024	Bunds amended.	EW	JH
2	30.08.2024	Site layout and levels amended.	JH	RS
1	07.06.2024	Site layout levels and bunds amended		EW
0	08.04.2024	Site Finish Levels Plan - Original	JH	WL
REV	DATE	DESCRIPTION	BY	CHK'D

Planning Boundary

Major Contour (0.5m)

Minor Contour (0.1m)

Site Grading (Fill)

Site Grading (Cut)



Fora Montacute Yards 186 Shoreditch High Street London E1 6HU

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Site Finish Levels Plan

PLINE	PLANNING
ING STATUS	FOR DI ANNING

FOR PLANNING										
SCALE	DATE	DRAWN BY	CHECKED BY	APPROVED BY						
000 @A1	08.04.2024	JH	WL	RS						
CT NO.		DRAWING NO.			REV.					
BTGBSPI01		005.2			06					



