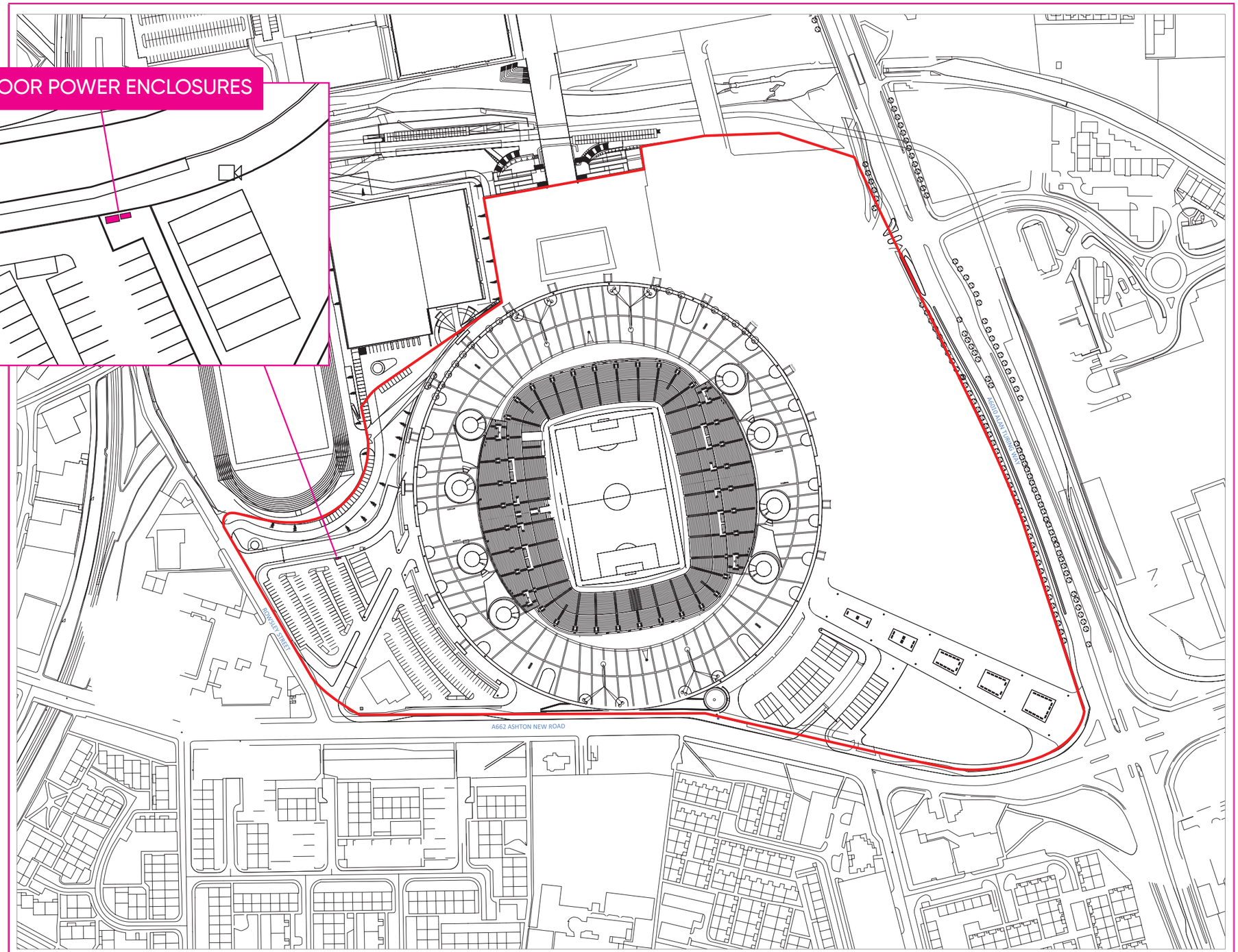
MCFC - SEALED POWER ENCLOSURES

20th February 2024 – Rev. 5
Supporting Planning Details
Prepared by Neil Cousins

The Brand Group



LOCATION PLAN

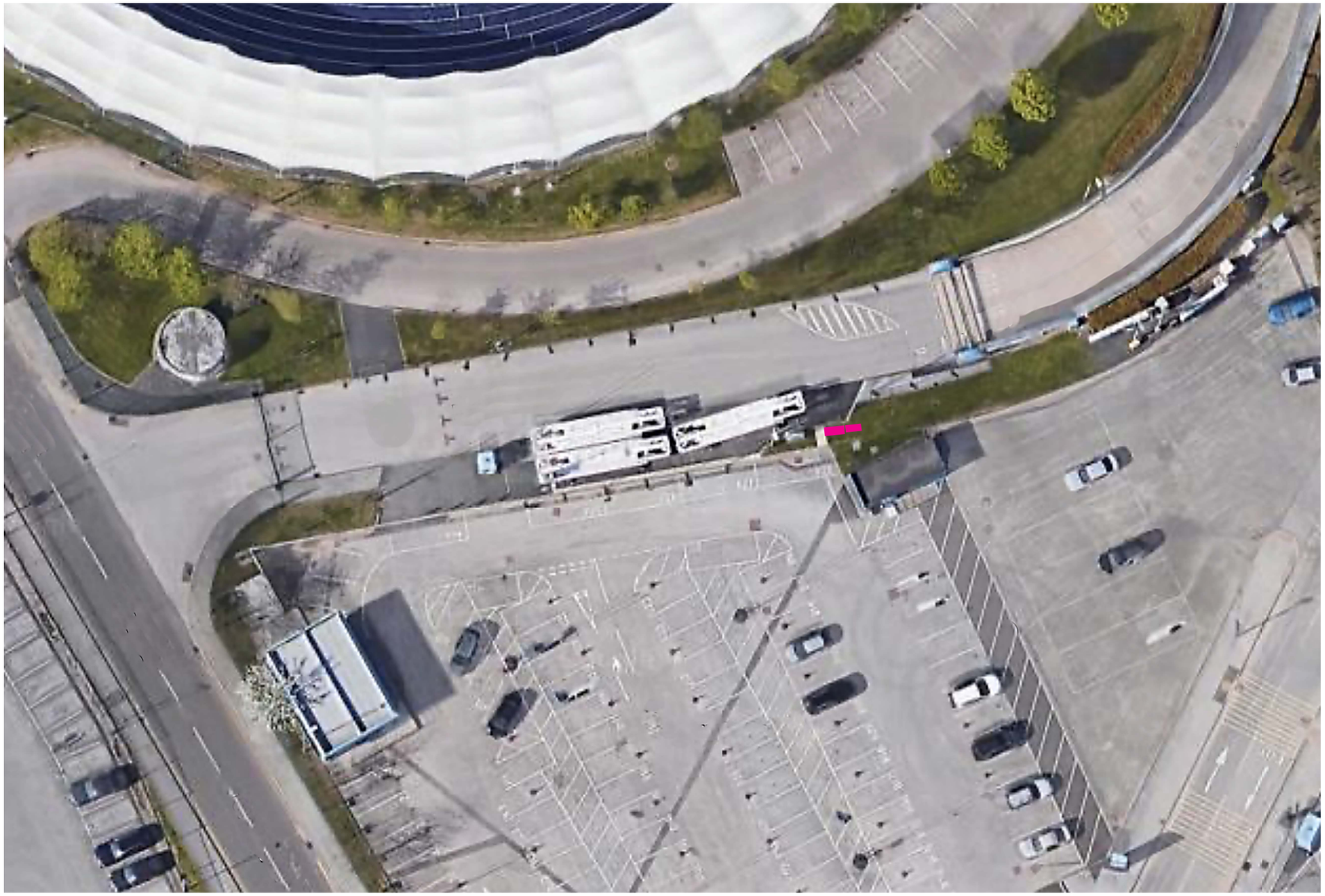
Etihad Stadium forecourt 1:1000 @ A1

TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

LOCATION PLAN WITH SCALED PLAN VIEW OF TWO ENCLOSURES

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4

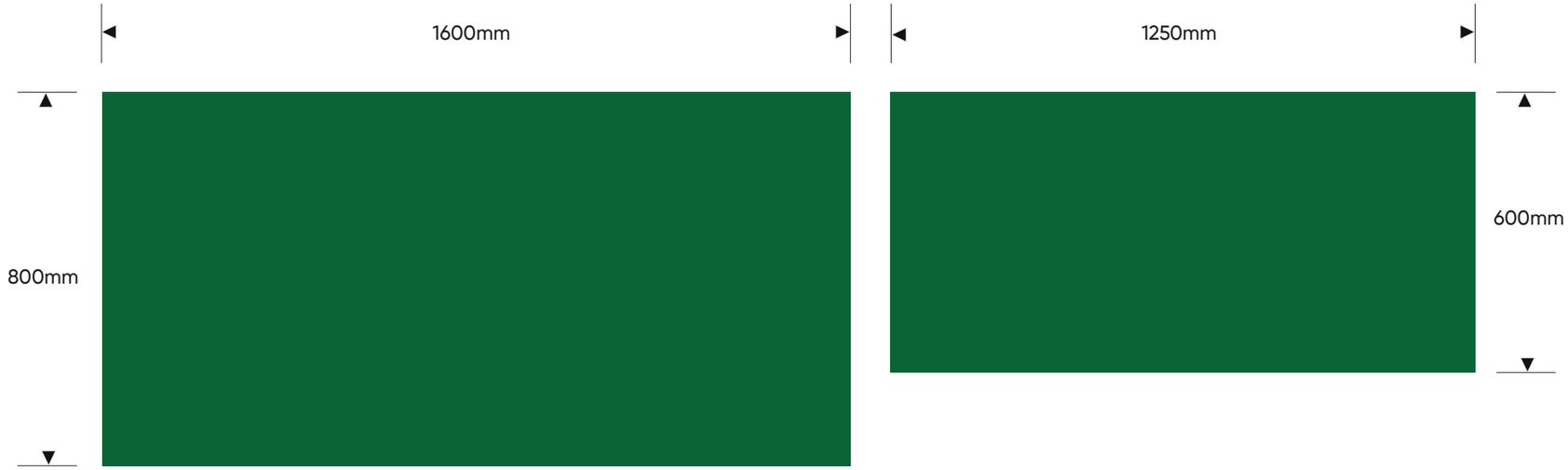


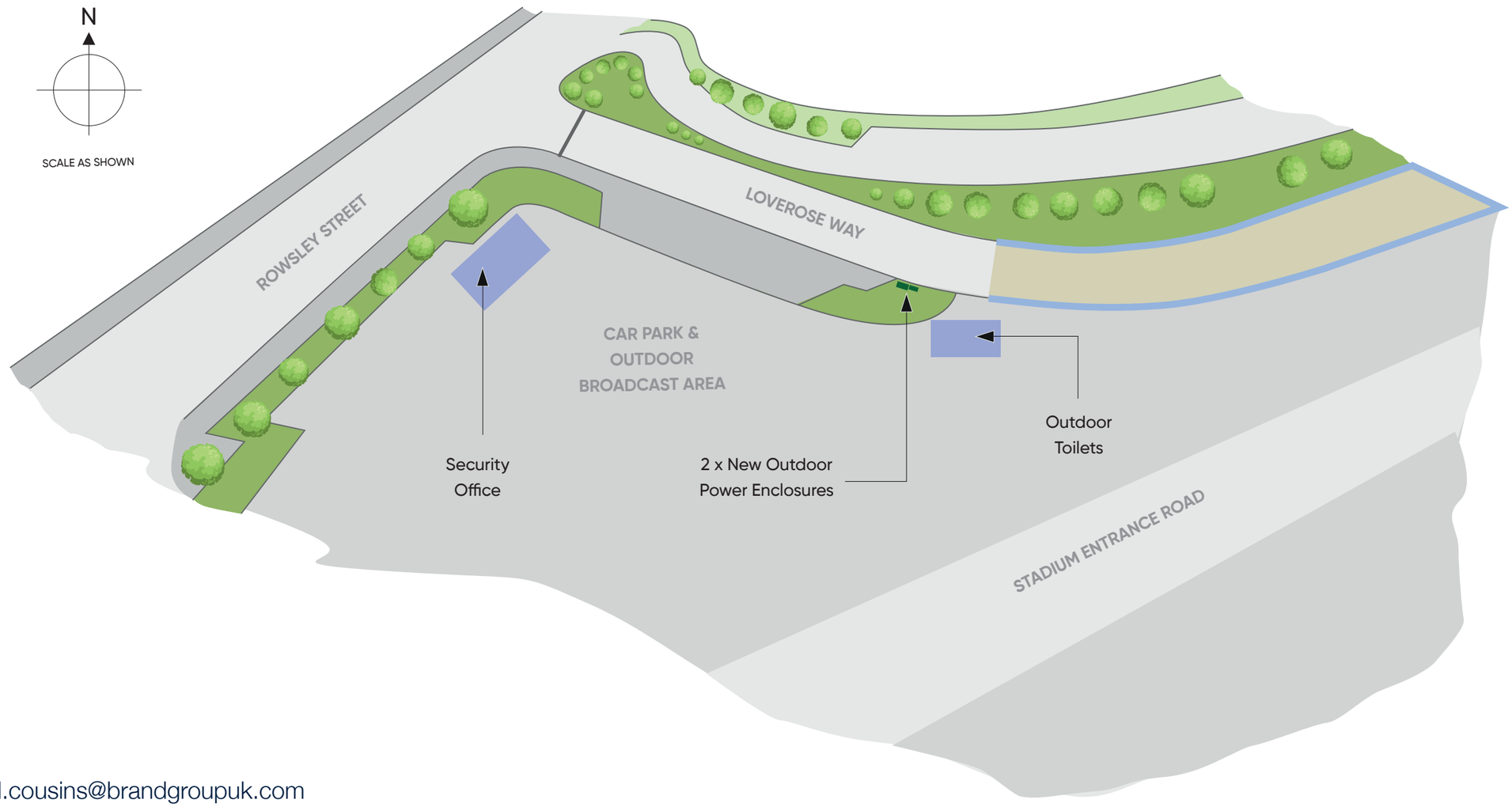
Outdoor Power Enclosures

Manchester City Football Club - new outdoor power enclosure x 2 off

AERIAL SITE VIEW

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4





TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

ISOMETRIC VIEW SHOWING PROPOSED POSITION AND PLAN VIEW MEASUREMENTS

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4

Why these works are considered necessary?

1. These new supplies are required to fall in line with the upgraded Premier League competition (Part K) requirements.

2. The supplies relate to providing hard wired permanent power supply installations to feed the broadcast trucks on a match day and match day minus 1, to remove the need for diesel generators to be used to power the trucks. It is essentially a cost and environmental reason.

3. The power required for these new supplies was not possible from the stadium on MCFC's LV, so a new ENWL DNO supply was required to feed these new supplies.

4. This was taken from a spare supply from Rowsley-street.

5. The power from ENWL is required to terminate inside the new housing with a new meter, before then linking to our private panel inside a feeder pillar/housing and then being distributed from that point to the broadcast connection point.

TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

JUSTIFICATION FOR INSTLLATION

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4



External Power Enclosure Details

Single-walled enclosure system.

Use in all applications with passive interior installation or minimal heat loss in the outdoor sector. Roof concept with all round louvred grilles

Outdoor enclosure with 100 mm transport plinth and rain canopy

with projections on all sides.

Material Aluminium AlMg3

Surface finish Powder-coated

UV-resistant pure polyester. Basic enclosure with gland plate, three-part 25 mm system punchings in the roof, base, front and in the enclosure depth. Front door(s) with door stay, swing lever handle and semi-cylinder, lock BJ 20027. Transport plinth with screw-fastened trim panels front and rear rain canopy.

Dimensions Width: 800 mm. Height: 1,200 mm. Depth: 500 mm

Height base/plinth: 100 mm

Overall height: 1,355 mm

Rain canopy width: 850 mm

Rain canopy height: 55 mm

Rain canopy depth: 550 mm

IP protection category to IEC 60 529 - IP 55

Protection category NEMA NEMA 3R

EAN 4028177569171

ETIM 7.0 EC000261

ECLASS 8.0 27180101

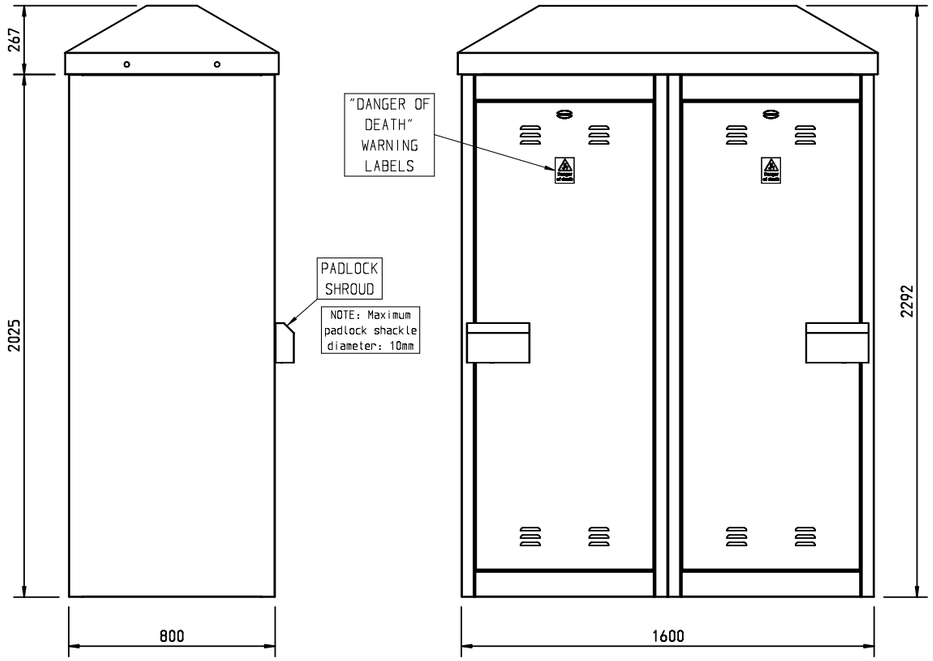
TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

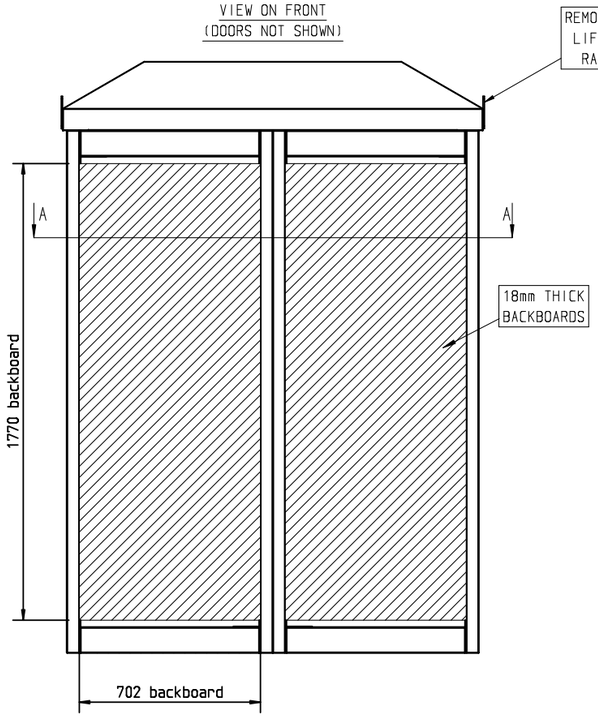
MATERIAL SPECIFICATIONS

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4

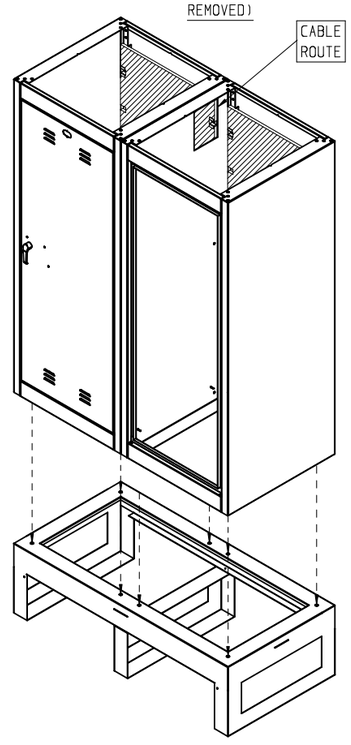
A3



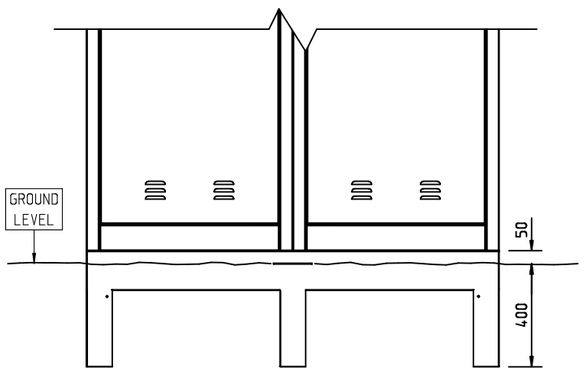
VIEW ON FRONT
(DOORS NOT SHOWN)



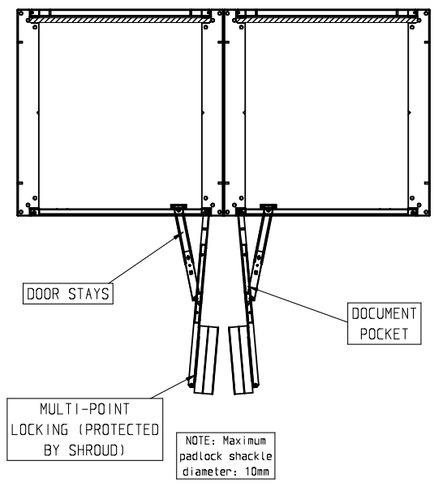
ISOMETRIC
(ROOF & RH DOOR REMOVED)



PART FRONT VIEW
(WITH PLINTH)



SECTION A-A



DRAWN	Mark Blease	DATE	05 . 07 . 2017
CHECKED	Brian Derbyshire	DATE	05 . 07 . 2017
APPROVED	Brian Derbyshire	DATE	05 . 07 . 2017

ISSUE	DATE	MOD. NO.	DRN
B	4/5/21	1312	MAB
A	22/4/21	1309	MAB

RITHERDON

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TOLERANCES
WHOLE NUMBERS +/- 0.5
1 DECIMAL PLACE +/- 0.2
HOLES +/- 0.15
UNLESS OTHERWISE STATED

ALL OUTSIDE SIZES

MATERIAL
2mm Stainless Steel

FINISH
Polyester Powder Coated
TBS300 - red
PS300 - as specified

TITLE
TBS300 Cabinet (temporary supplies)
PS300 Cabinet (permanent supplies)

SCALE	DRAWING NO.	[SHEET]	ISSUE
NTS	S 9729	22	B

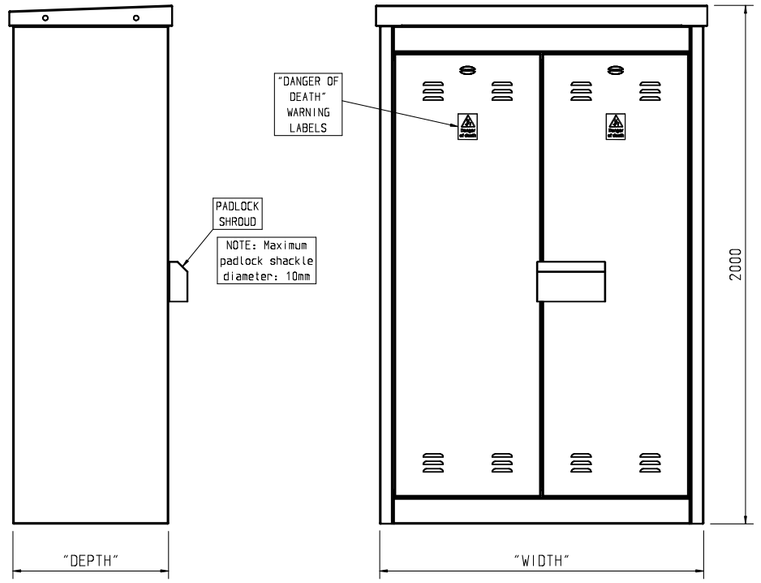
TBG

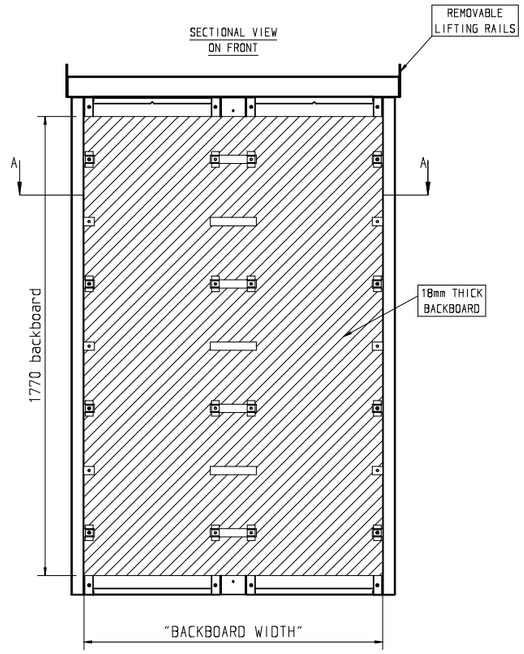
Manchester City Football Club - new outdoor power enclosure x 2 off

SECTION DRAWINGS
LEFT HAND SIDE
ENCLOSURE 1 - PS300

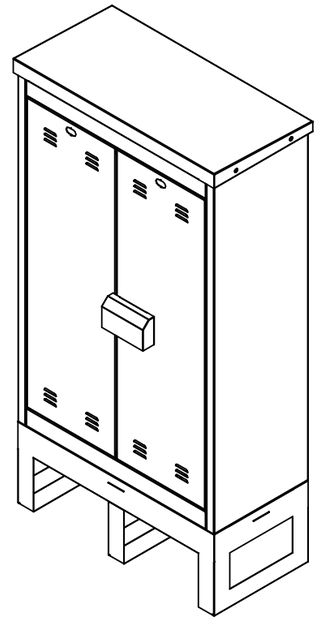
Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4

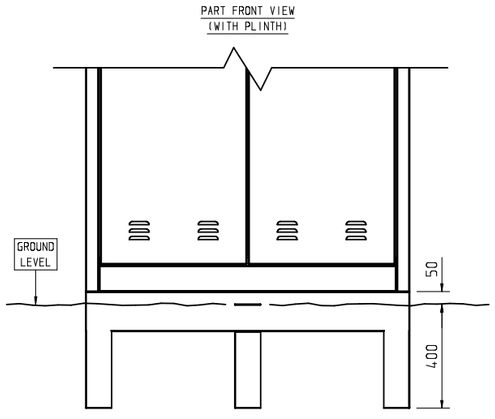
A3

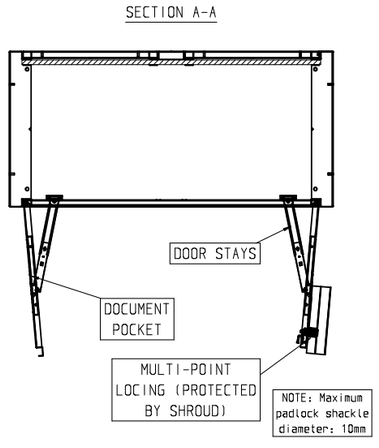




	Width	Depth	Backboard width
RMC1250	1250	600	1152
RMC1600	1600	800	1502
RMC2100	2100	800	2002







DRAWN	Mark Blease	DATE	21 . 03 . 2019
CHECKED	Brian Derbyshire	DATE	21 . 03 . 2019
APPROVED	Brian Derbyshire	DATE	21 . 03 . 2019

A	22/3/21	1309	MAB
ISSUE	DATE	MOD. NO.	DRN

RITHERDON

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TOLERANCES
WHOLE NUMBERS +/- 0.5
1 DECIMAL PLACE +/- 0.2
HOLES +/- 0.15
UNLESS OTHERWISE STATED

ALL OUTSIDE SIZES

MATERIAL: 2mm Stainless Steel

FINISH: Polyester Powder Coated

TITLE: RMC Enclosures General Arrangement

SCALE	DRAWING NO.	[SHEET]	ISSUE
NTS	S 10072	19	A

TBG

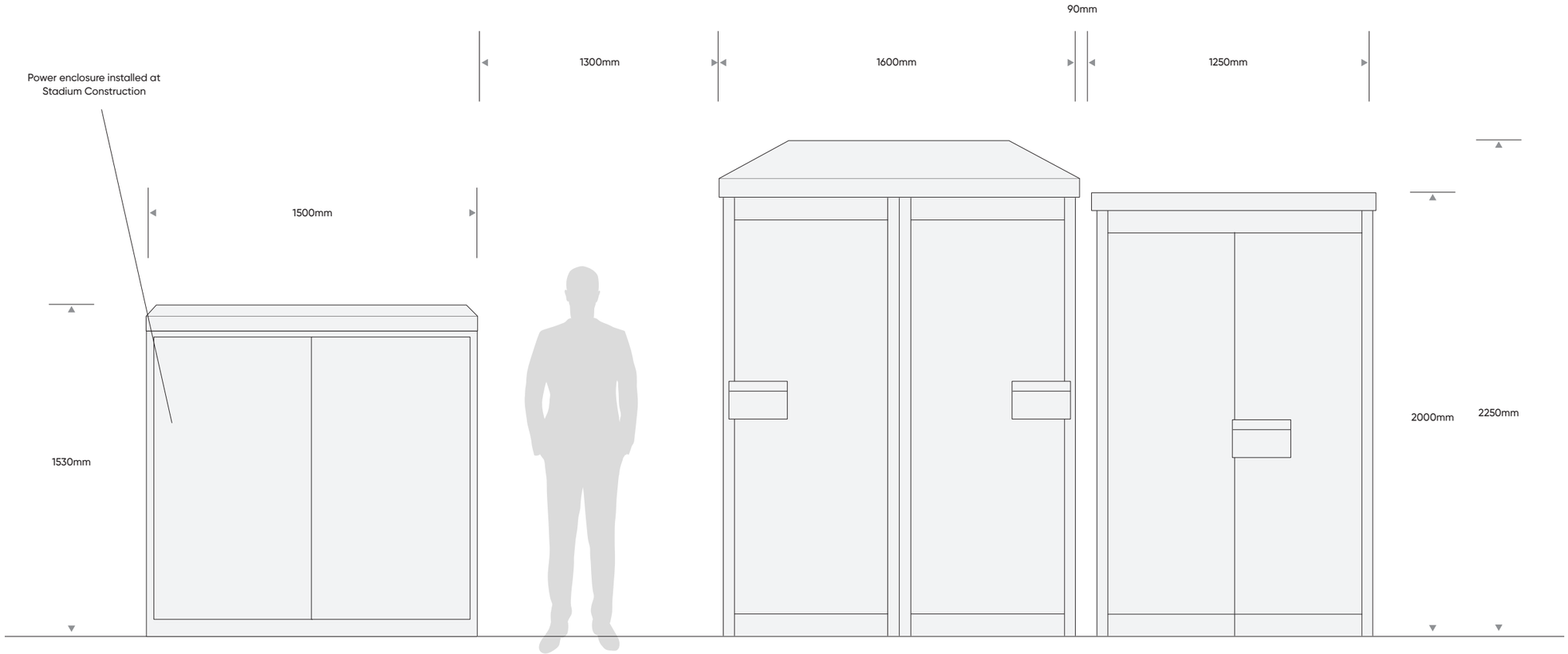
Manchester City Football Club - new outdoor power enclosure x 2 off

SECTION DRAWINGS
RIGHT HAND SIDE
ENCLOSURE 2 - RMC1250

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4



North facing location



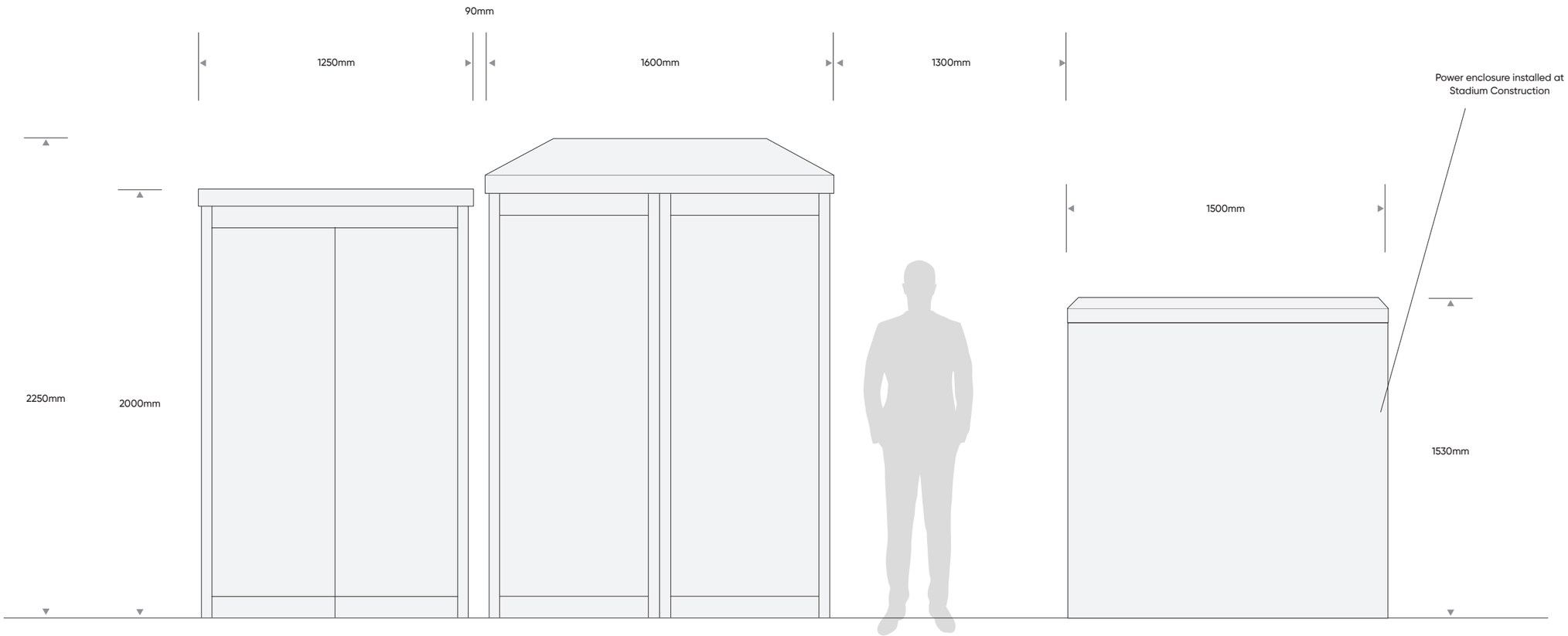
TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

NORTH FACING
ELEVATION DRAWING

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4



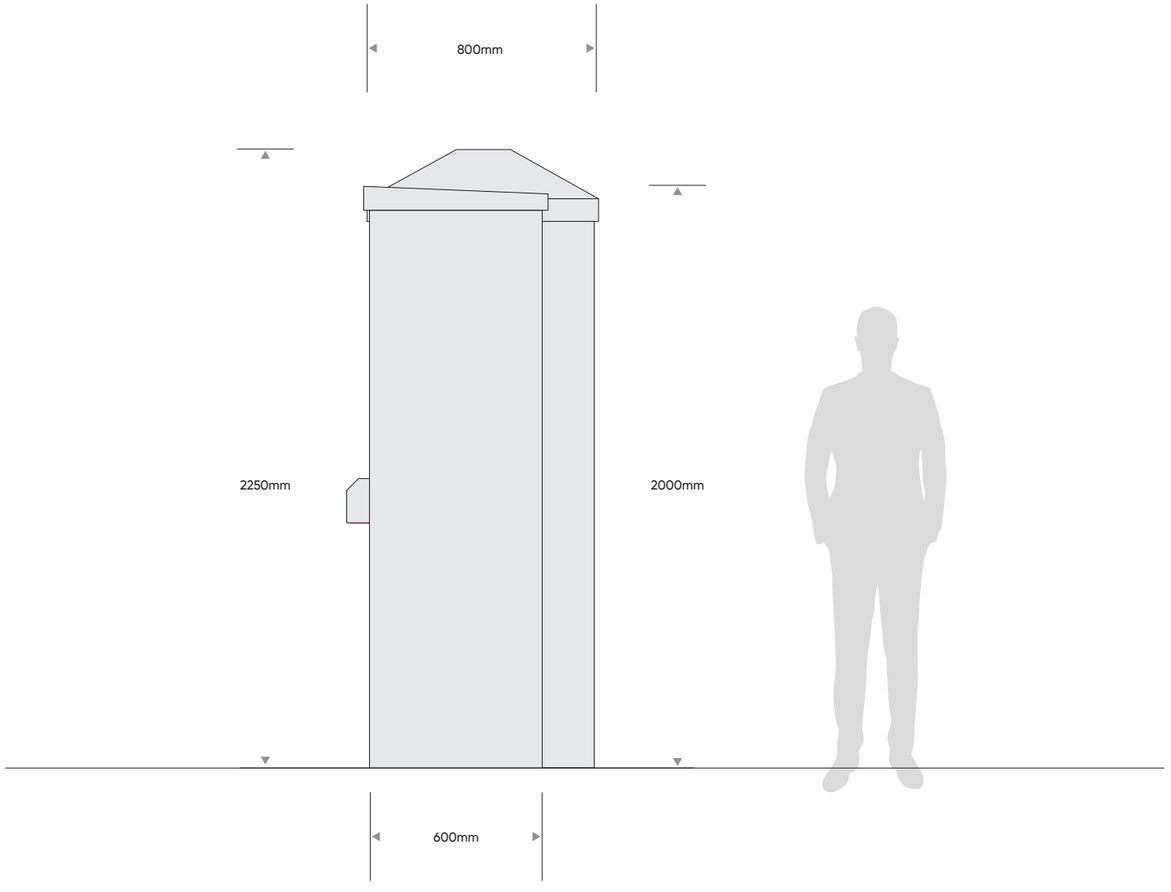


Manchester City Football Club - new outdoor power enclosure x 2 off

SOUTH FACING ELEVATION DRAWING

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4





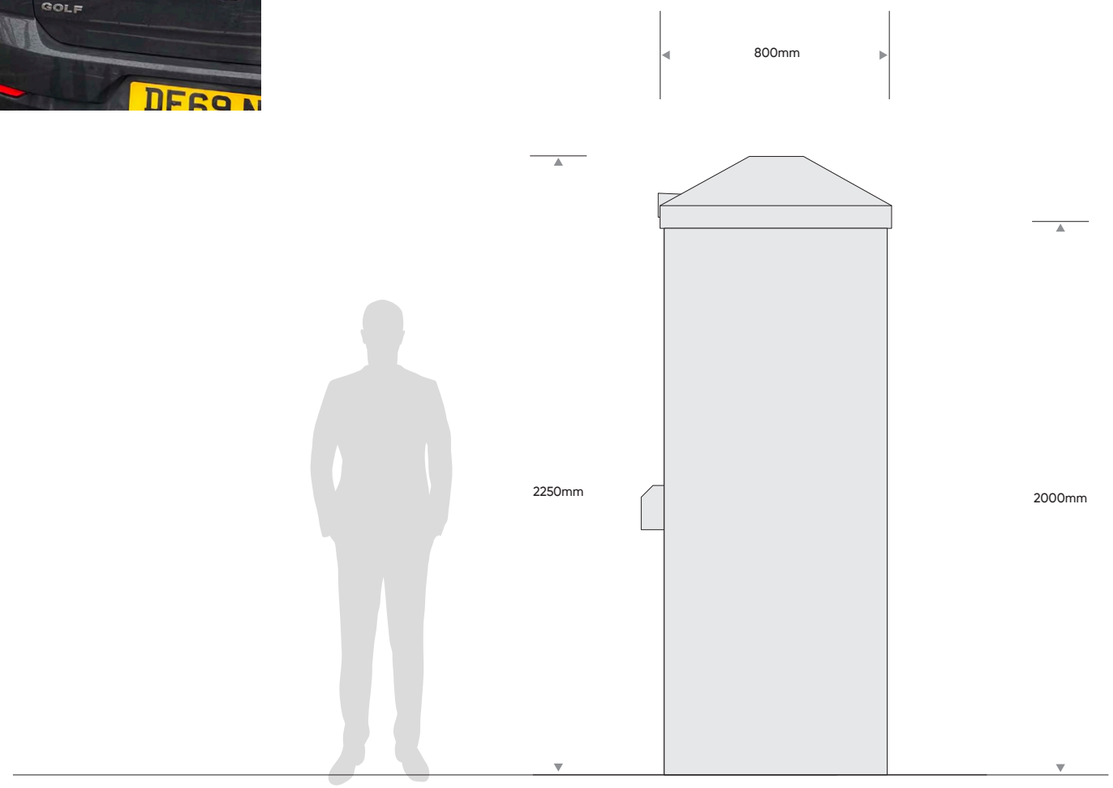
TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

WEST FACING ELEVATION DRAWING

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4





TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

EAST FACING
ELEVATION DRAWING

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4







TBG

Manchester City Football Club - new outdoor power enclosure x 2 off

INSTALLED POWER ENCLOSURES SHOWN IN CONTEXT OF STADIUM AREA THAT HOUSES BROADCASTING TEMPOARARY INFRASTRUCTURE AND VEHICLES

Client: MCFC
Drawn: NC
Checked: RJ
Date: 20.02.24 - Rev. 5
Ref: 280866/A4

The Brand Group
Church House, Greave Fold,
Romiley, Cheshire SK6 4PZ

www.brandgroupuk.com