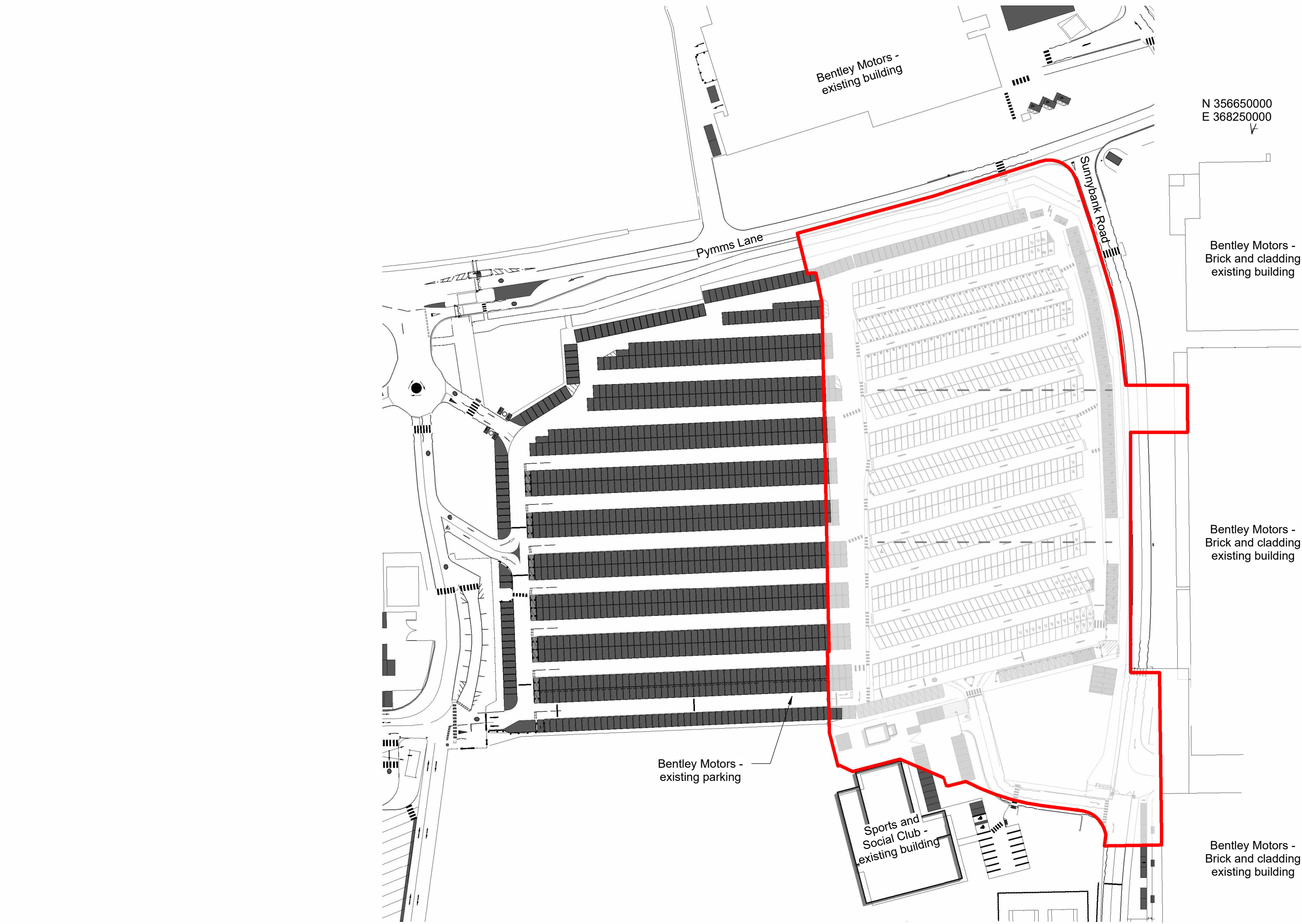


23/2225N

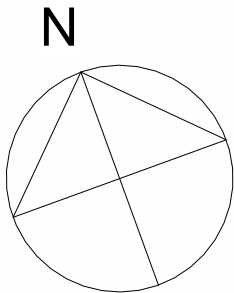
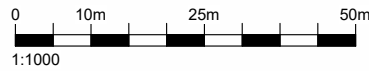
BENTLEY MOTORS LIMITED

PYMS LANE CREWE

CW1 3PL



01-XX_Location Plan
1 : 1250



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KEY:

PROPOSED NEW BUILT BOUNDARY

P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP

Scale	As indicated @ A2
Status	S2 Information
Drawn By	AAD
Checked By	DL
Date	12.04.2023

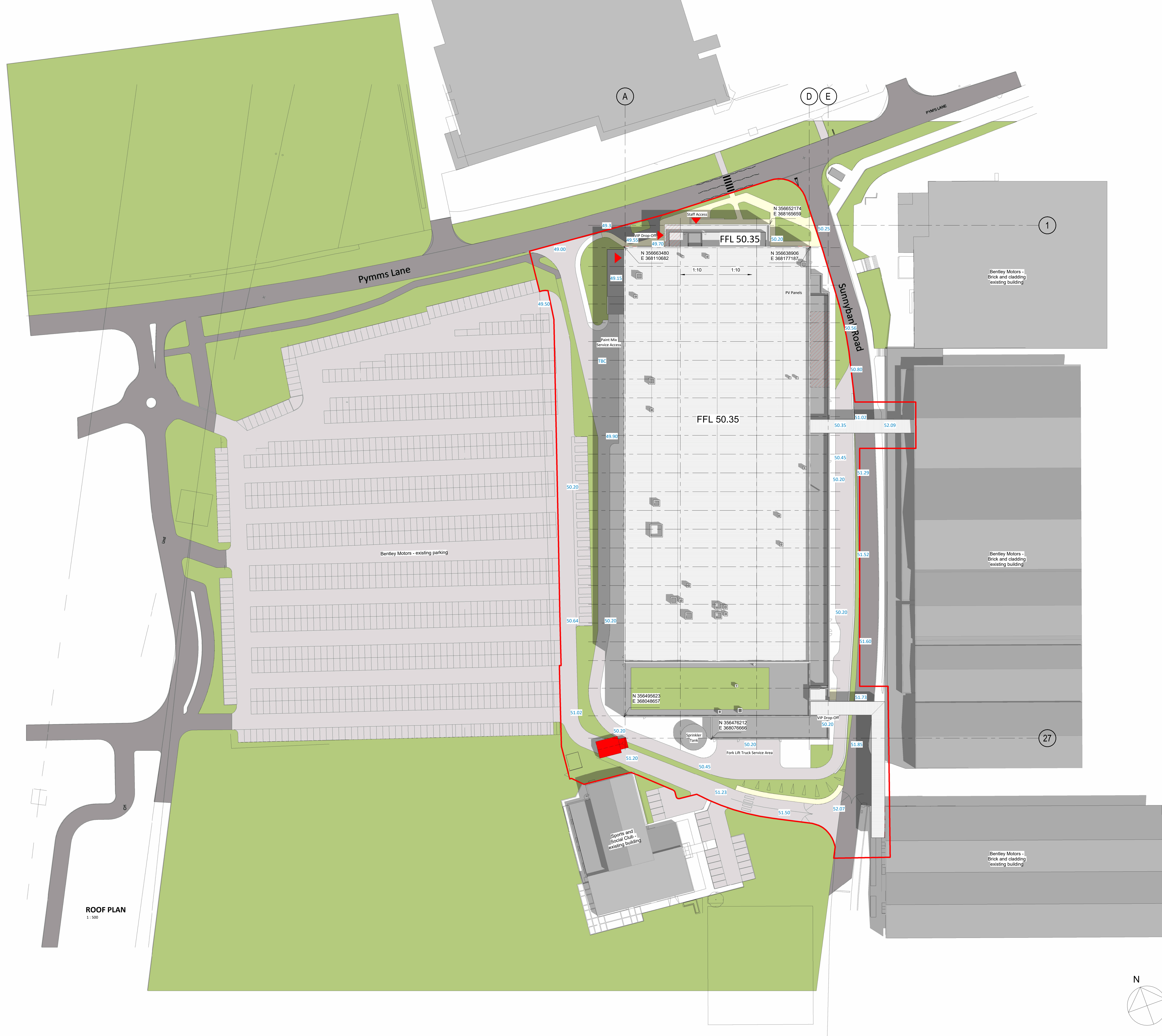
Client:
Bentley Motors Ltd
Project:
Bentley Paint Shop

Sheet Name:
Location Plan

Project No.	Orig.	Zone	Level	Type	Role	Dwg No.	Rev
23002-FRA-XX-XX-DR-A-PL01							P1

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ROOF PLAN
1:500

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Rev.	Description	Date	ISS	APP

Scale: 1:500 @ A0
Status: S2 Information
Drawn By: RT
Checked By: DL
Date: 2023.03.09
Client:

Bentley Motors Ltd

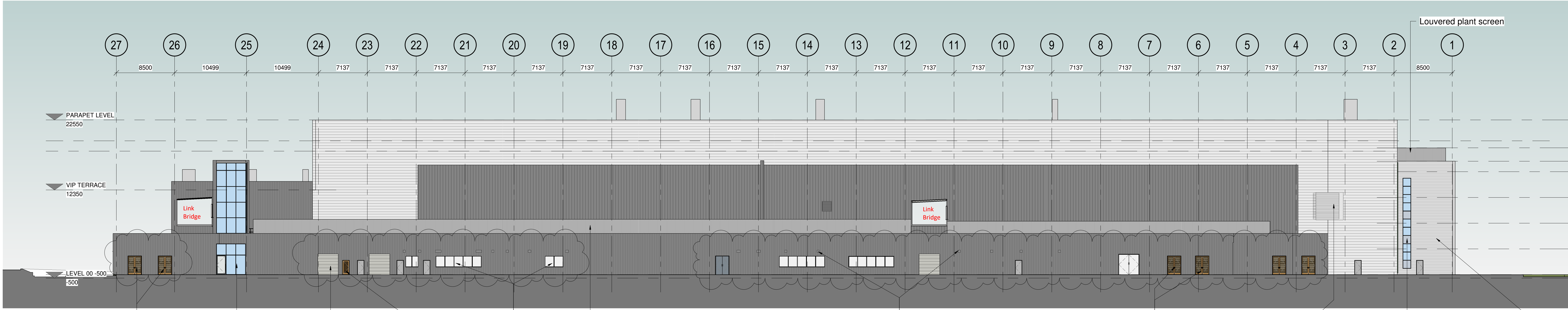
Bentley Paint Shop

Sheet Name:
Proposed Site Plan

Project No. Orig. Zone Level Type Role Orig No. Rev
23002-FRA-XX-XX-DR-A-PL04 **P1**

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PL-12_East Elevation

1 : 250

Natural ventilation via louvered double door

Double glazed aluminium curtain walling dark grey. Comar 5Pi to manufacturers details and specifications

Light grey roller shutter and personnel doors

Natural ventilation via louvered single door

Double glazed aluminium windows Dark grey frames

Louvered plant screen. Light grey

See MEP drawings for louver sizes. Louvres to match cladding colour

Natural ventilation via louvered double door

White metal louvres to be installed as part of fit-out works by specialist to match white cladding

Opaque glazed panels to hide structural beams and stair landing

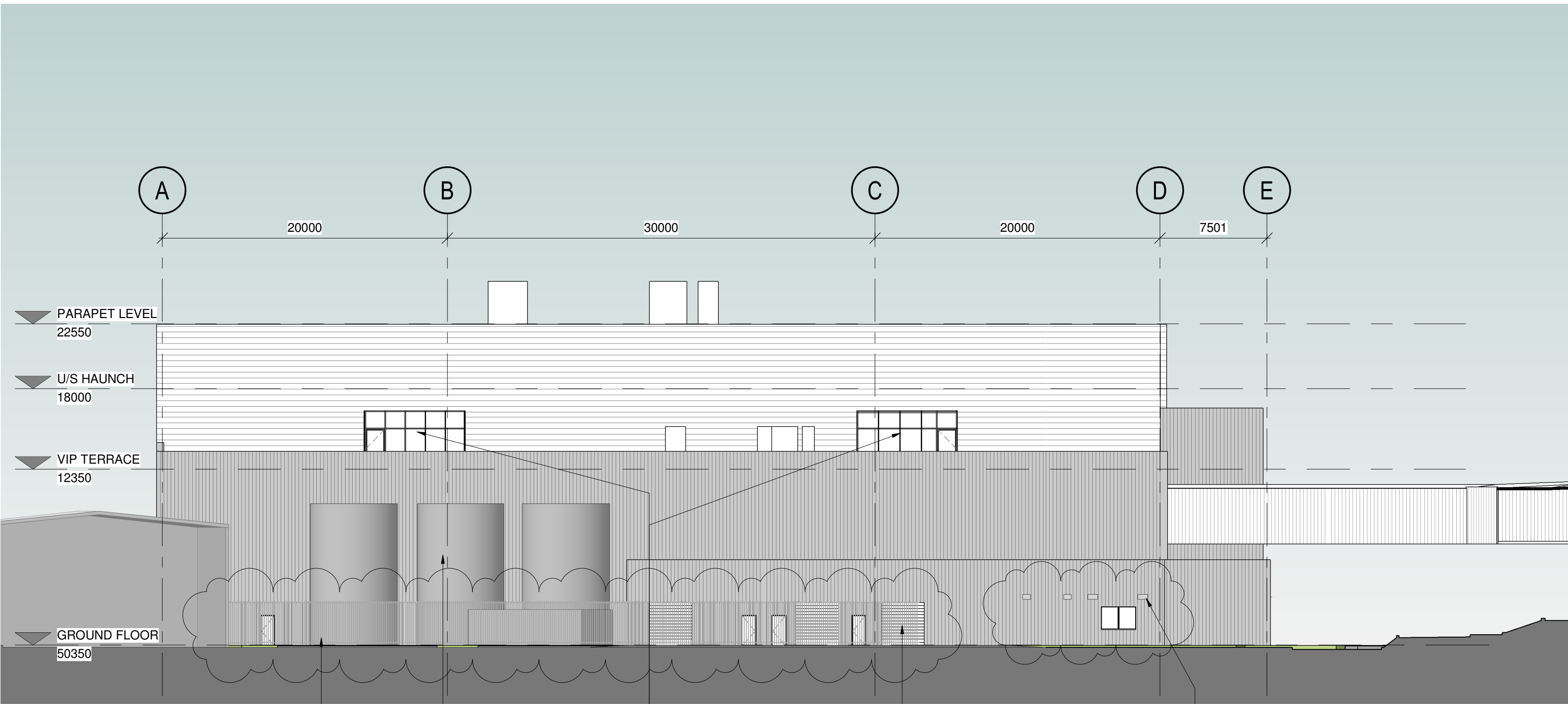
White metal rainscreen flat face panel system. Non-combustible

External Elevation Legend

External cladding

- White metal profile wall system
Euroclad Elite 56 Insulated built-up wall system, MW5 trapezoidal external wall profile horizontally laid, inverted to give standing seam appearance, or similar and approved. Non-combustible material only
To achieve U-Value of 0.26.
- Mid grey profile wall system
Euroclad Elite 52 Insulated built-up wall system, MW5 trapezoidal external wall profile vertically laid, inverted to give standing seam appearance, or similar and approved. Non-combustible material only
To achieve U-Value of 0.26.
- Removable hook on vertical panels fixed onto Type 2 Euroclad Elite 52. Panels to be provided by contractor for BML to paint
- Same profile as above in white for the link bridges
Euroclad Elite 52
- White and mid grey metal rainscreen flat face prefinished rainscreen panel system. Non-combustible aluminium panel with secret fix
Colour: White and grey inbetween windows
- Green Wall system.
ANS Living wall Module 500mm x 250mm x 100mm.
ANS Fung Rails to be fixed to the substrate with site specific fixing at site specific centres. 14mm x 35mm x 4mm Aluminium. (See manufacturer's specifications)
Drainage Channel (See manufacturer's specifications)
107mm x 51mm gutter. (Product Reference: Osma Squareline (or approved equivalent).
Waterproof breathable membrane (See manufacturer's specifications) Product Reference: ProfFell Breathable Membranes or Obex Cortex OSOPFR Manufacturer: ProfFell or Obex
Irrigation system: Break Tank (size of which is site specific); Oasatron® liquid feed dispenser to ensure correct feeding of wall to ensure healthy growth of plants; Electronic program to give warning of failure of irrigation system. Recirculation system to be included.
See MEP drawings for connections.
ANS Living Wall Planting Media. Plant choice as selected by ANS Global to suit location and requirements.
- Roof top plant louver screens
Person Linus Louvres. Extruded aluminium fixed to mullions which in turn fix to pultrus on the steel columns. Individual horizontal profiles in Z-shape, open, L-033 with ventilation (See manufacturer's specifications)
- Curtain walling
External glazing curtain walling and windows
Comar Architectural Aluminium Systems
Product reference: Comar 5Pi to Kitemark License, BS4873 PAS 24:2016. Secured by Design License Holder
Finish as delivered: Polyester Powder Coated to RAL 7016, 60 Micron minimum thickness
Glazing details: Double Glazed - Silicone sealed units in accordance with BS 5713
All glazing to be the same colour except the dark grey opaque panels
- Window
- Standard panel

Cladding panel sizes to match specification. Installation as per manufacturers details and spec. Window heads to align with cladding lines. Proposals to be agreed



PL-12_South Elevation

1 : 250

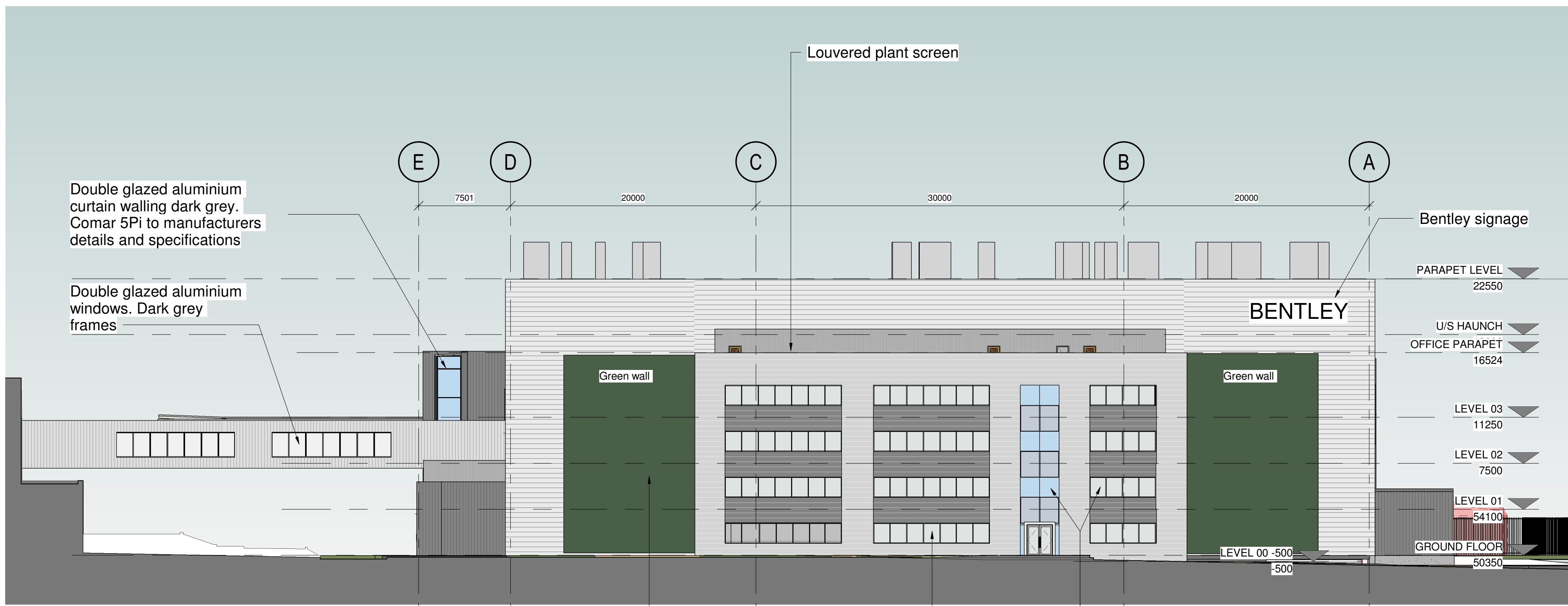
Security perimeter paladin fence.

Sprinklers

Double glazed aluminium curtain walling dark grey with single door. Comar 5Pi to manufacturers details and specifications

Light Grey roller shutter doors and personnel doors

Louvres required for ventilation. Additional louvres for plant areas to be confirmed by client and to be installed as part of fit-out works by specialist to match cladding colour



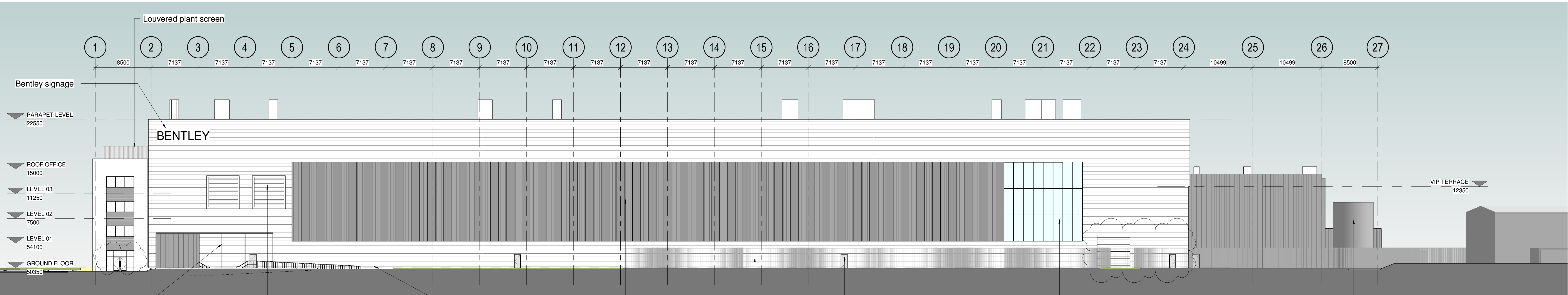
PL-12_North Elevation

1 : 250

Green Wall panel system. Max stand off 150mm tbc Weight TBC by Green Wall specialist. Manufacturer ANS or similar and approved

Opaque glazed panels to hide changing area

All glazing to be the same colour



PL-12_West Elevation

1 : 250

Structural columns to be painted to match mid grey cladding colour

White metal louvres to be installed as part of fit-out works by specialist to match white cladding

White metal profile wall system with horizontal panel to continue below slab level where external levels are lower.

Mid grey profile wall system with added hook on vertical panels showing client colours. Removable panels to be provided for the client to paint prior to installation

Security perimeter paladin fence.

Light grey personnel doors

Double glazed aluminium curtain walling dark grey. Comar 5Pi to manufacturers details and specifications

Sprinklers

General Notes

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General Notes:

Site levels are to be checked with a site measure prior to any works. See structural engineers drawings for building perimeter levels and retaining wall proposals. Information is based on a top survey.

Refer to below ground utilities topographic survey and CCTV survey for existing below ground services.

Refer to asbestos survey for existing buildings and link bridge connections.

Landscape design to be detailed by landscape architect.

Design elements that do not form part of this tender and will be completed part of a fit-out by the client are:

Internal FR&E office/general fit out, paint shop equipment, machinery and associated MEP
Internal specialist finish finishes
Internal conveyors and associated shutters
Roof chimneys/flues. Contractor to provide openings and upstands.
Openings to be temporarily sealed for air tests. Contractor to allow for a return visit to flush/soak the roof penetrations once installed (by others). Exact sizes and locations to be provided by client.

See DBX report for acoustics requirements

Paint shop, Wax area, East & South annex requirements as per MEP report.

Roof U-Value 0.18
External Wall U-Value 0.16
Ground Floor U-Value 0.18
Vehicle access doors U-Value 1.30
External door U-Value 1.60

North annex requirements as per MEP report

Roof U-Value 0.15
External Wall U-Value 0.16
Ground Floor U-Value 0.15
External door U-Value 1.60

Glass requirements as per MEP report

U-Value 1.40
G-Value 0.29
LT-Value 0.60

Air permeability 2 m3/h/m2@9Pa

HAZARD SCHEDULE	
Hazard Label	Hazard Description
1	Fire escape and Ramp access from paint store
2	Green roof client maintenance and insurer confirmation
3	Paint store lid access and edge protection not part of contract works
4	Means of fire escape and required clear areas
5	Extent of lining tbc by client. There will be no services within any voids created with the lining due to fire risk.
6	High level roof access and escape
7	Potential use of hot wax. No safety stations provided as part of contract works
8	Existing buildings and bridge link to be coordinated and exact locations agreed. Existing asbestos to be removed by Bentley as per surveys. Late amendment to link bridge requires structural coordination
9	All openings to be sealed for air tightness test. Conveyor openings to have air tight and fire curtain to be installed as part of fit-out works by specialist
10	Removable panels for client to paint. Hook on system and weight for handling to be reviewed
11	Roof top plant maintenance and access to be coordinated

P2	Planning amendments to elevations	09.10.23	DL	LG
P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP

Scale: As indicated @ A0
Status: S4 Approval
Drawn By: LG
Checked By: DL
Date: 17.04.2023

Client: Bentley Motors Ltd

Project: Paint Shop

Sheet Name: Proposed Elevations

Project No. Orig. Zone Level Type Role Desq No. Rev

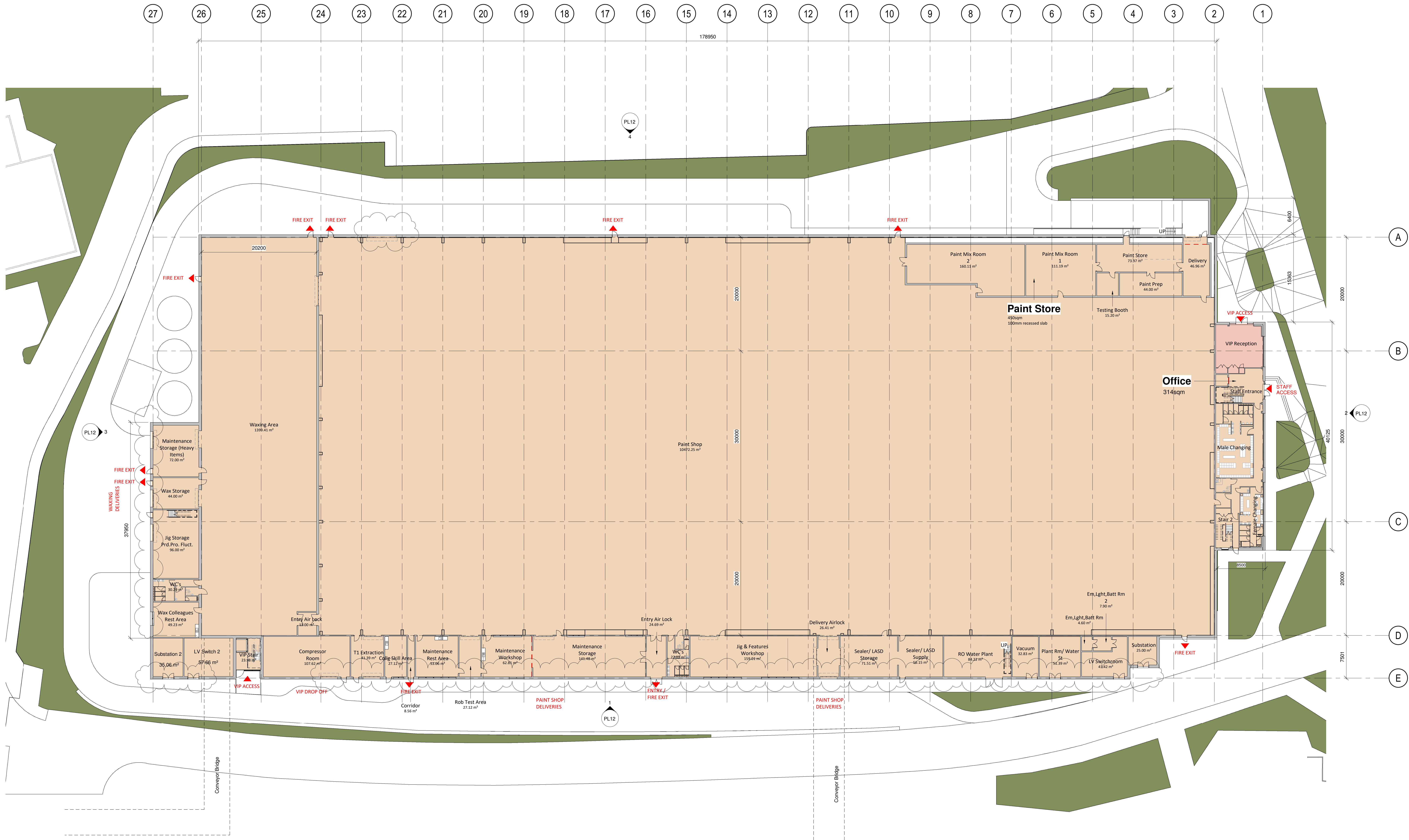
23002-FRA-XX-XX-DR-A-PL12 P2

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Bentley Motors -
Brick and cladding existing building

PL-05_Proposed Ground Floor
1:250

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P2	Planning amendments to elevations	09.10.23	DL	LG
P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP
Scale	1:250 @ A0			
Status	S4 Approval			
Drawn By	LG			
Checked By	DL			
Date	11.04.2023			
Client:	Bentley Motors Ltd			

Project:
Paint Shop

Sheet Name:
Proposed GA Plan Level 00

Project No. Orig. Zone Level Type Role Desq No. Rev.
23002-FRA-XX-00-DR-A-PL05 P2

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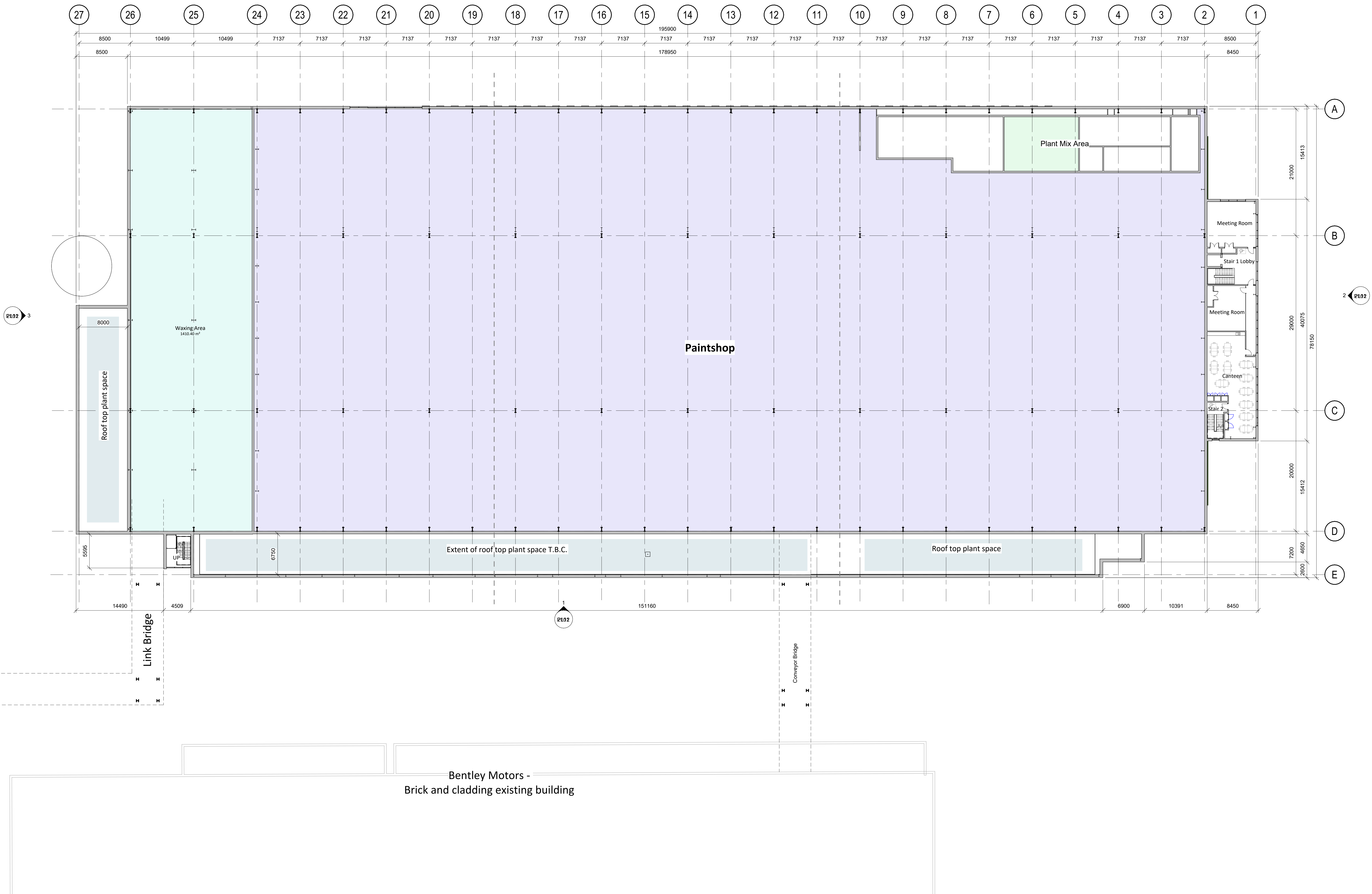
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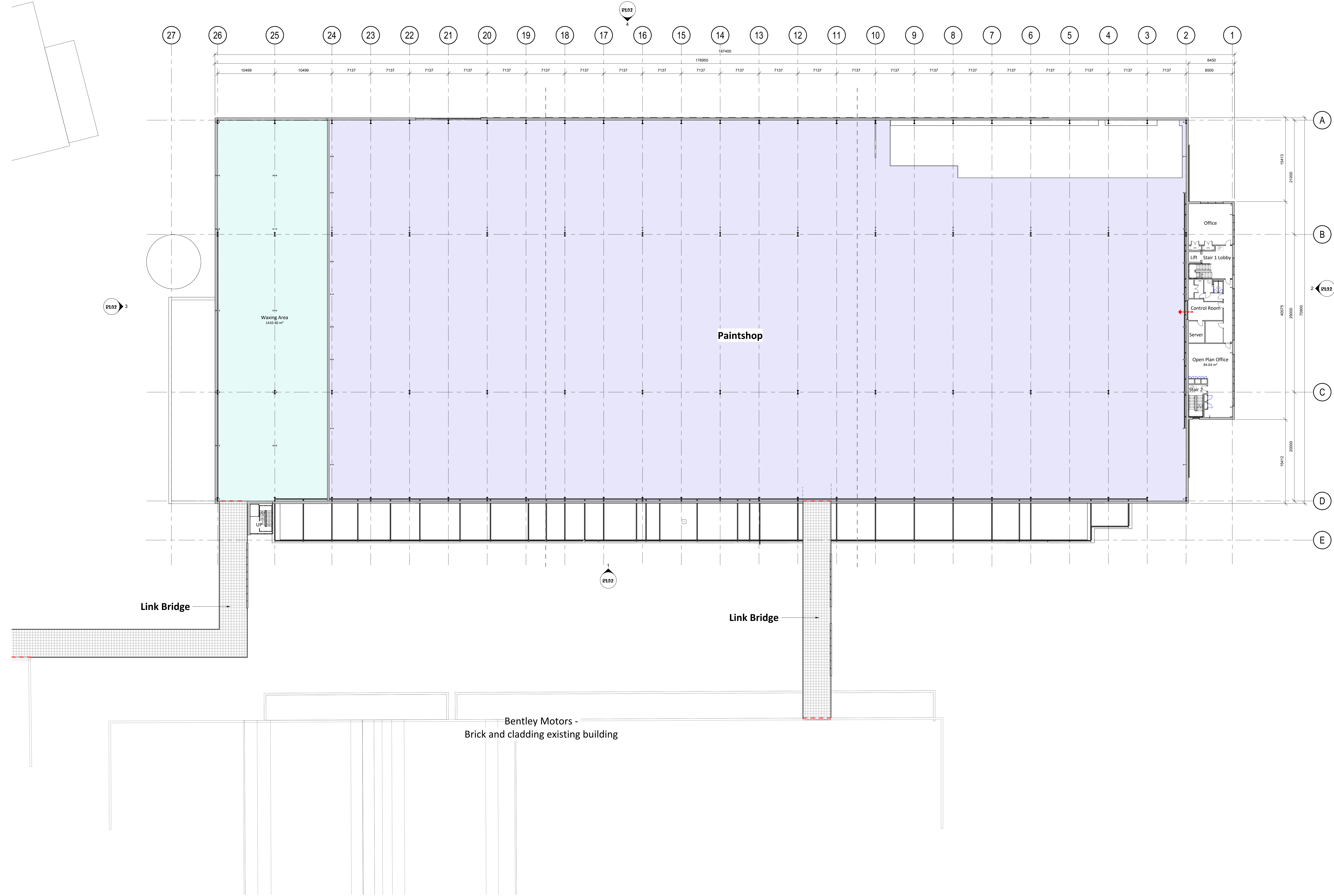
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20-01_Proposed First Floor
1:250

P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP
Scale	1:250 @ A0			
Status	S4 Approval			
Drawn By	AAD			
Checked By	DL			
Date	11.04.2023			
Client:	Bentley Motors Ltd			
Project:	Bentley Paint Shop			
Sheet Name:	Proposed GA Plan Level 01			



20-02_Proposed Second Floor
1 : 250

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P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP

Scale
Status
Drawn By
Checked By
Date
Client:

1 : 250 @ A0

S4 Approval
AAD
DL
11.04.2023

Bentley Motors Ltd

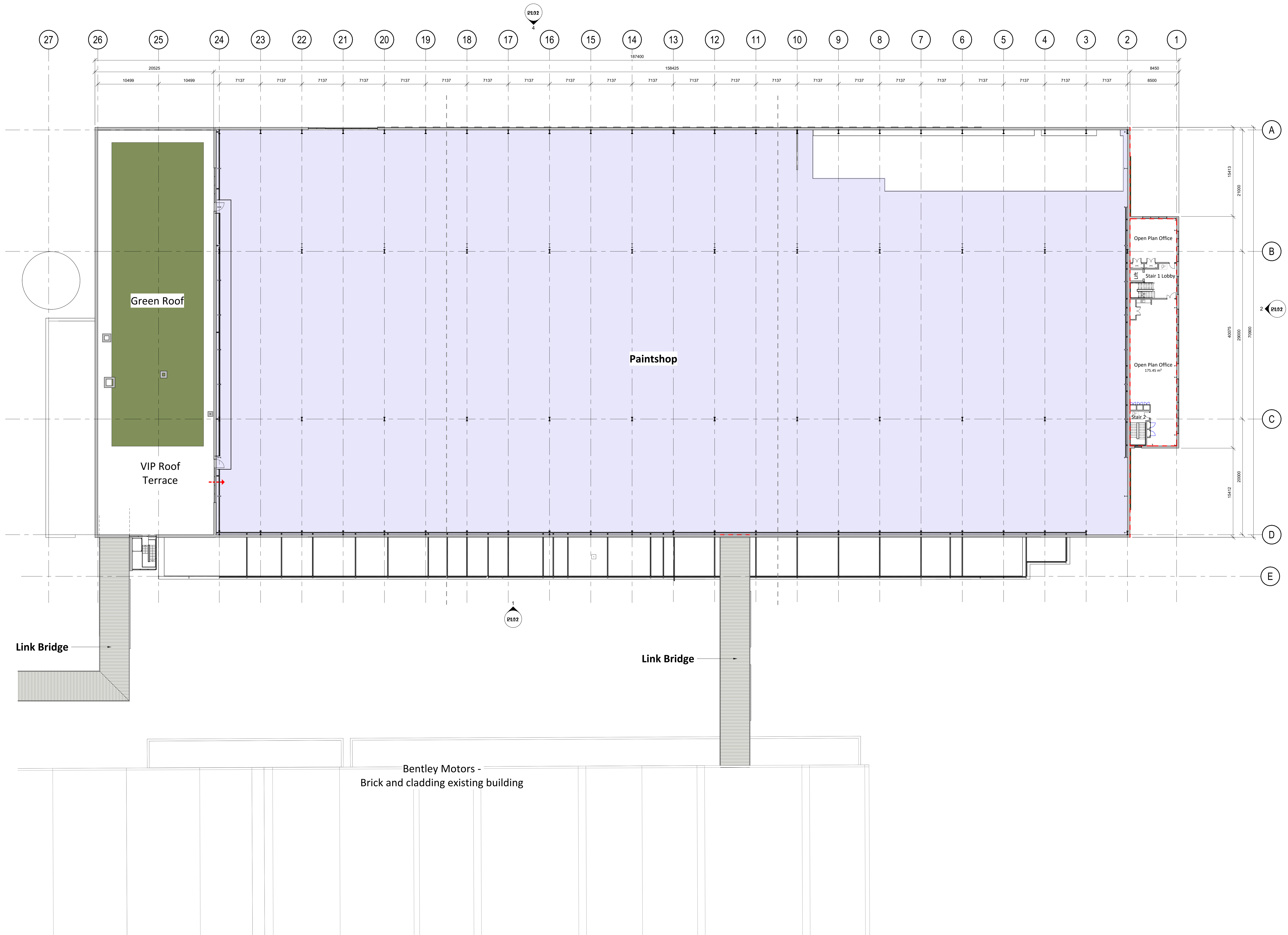
Project:
Bentley Paint Shop

Sheet Name:
Proposed GA Plan Level 02

Project No. Orig. Zone Level Type Role Desq No. Rev
23002-FRA-XX-02-DR-A-PL07 P1

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20-03_Proposed Third Floor
1:250

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P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP
1	250 @ A0			
Status	S4 Approval			
Drawn By	AAD			
Checked By	DL			
Date	11.04.2023			
Client:	Bentley Motors Ltd			

Project:
Bentley Paint Shop

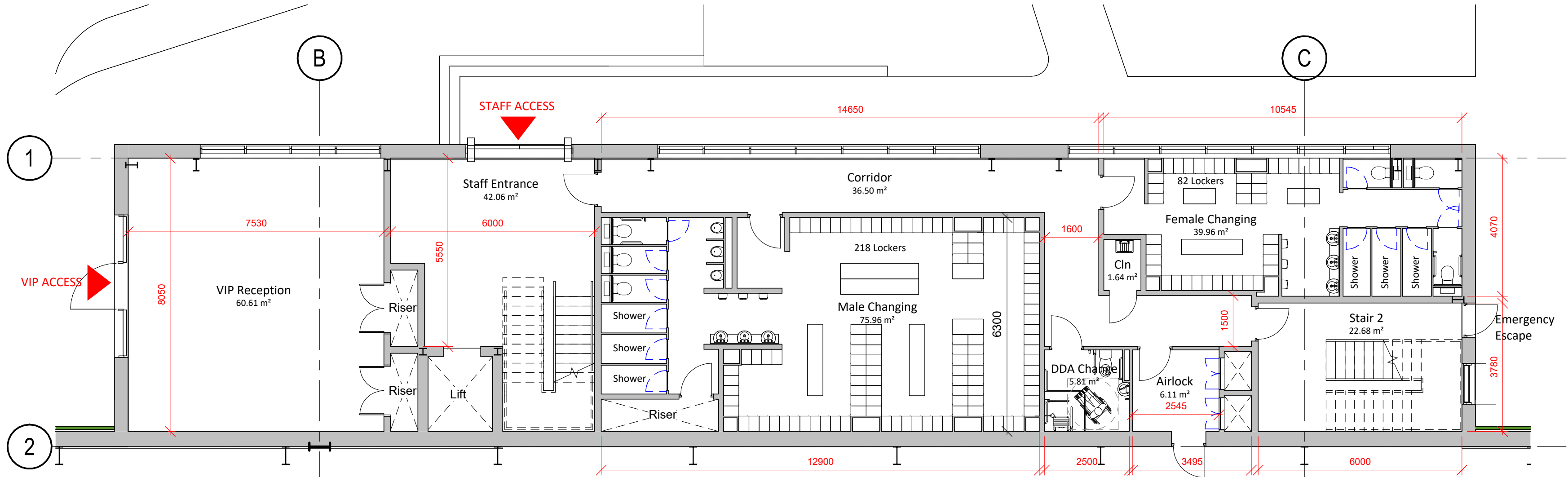
Sheet Name:
Proposed GA Plan Level 03

General Notes

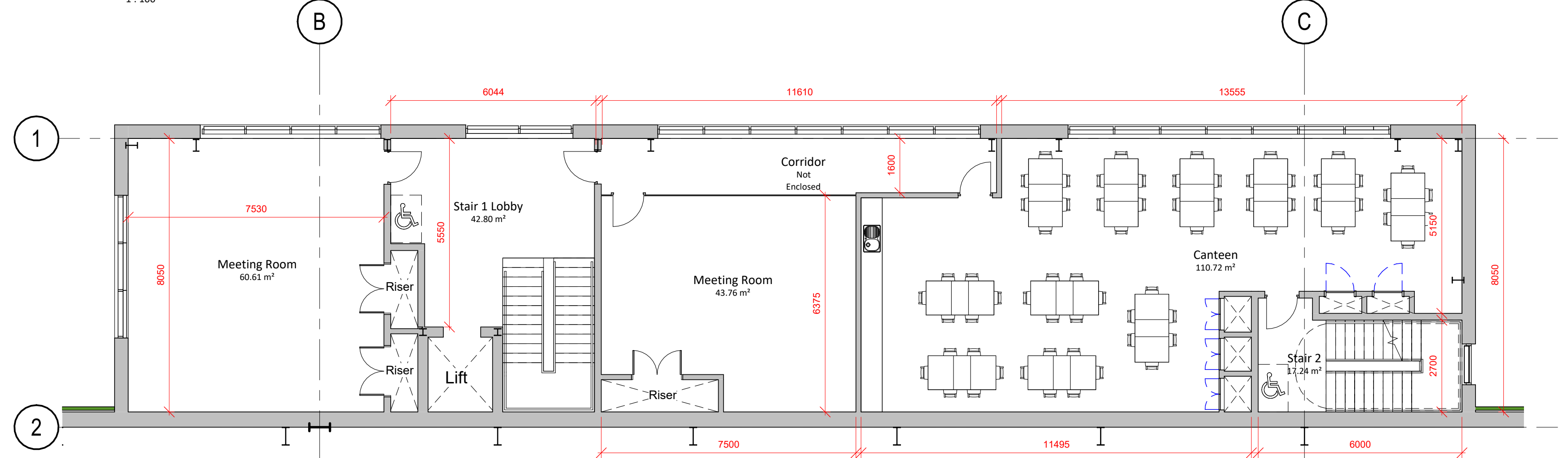
Do not scale from this drawing. Only work to written dimensions.

All site dimensions shall be verified by the Contractor on site prior to commencing any works.

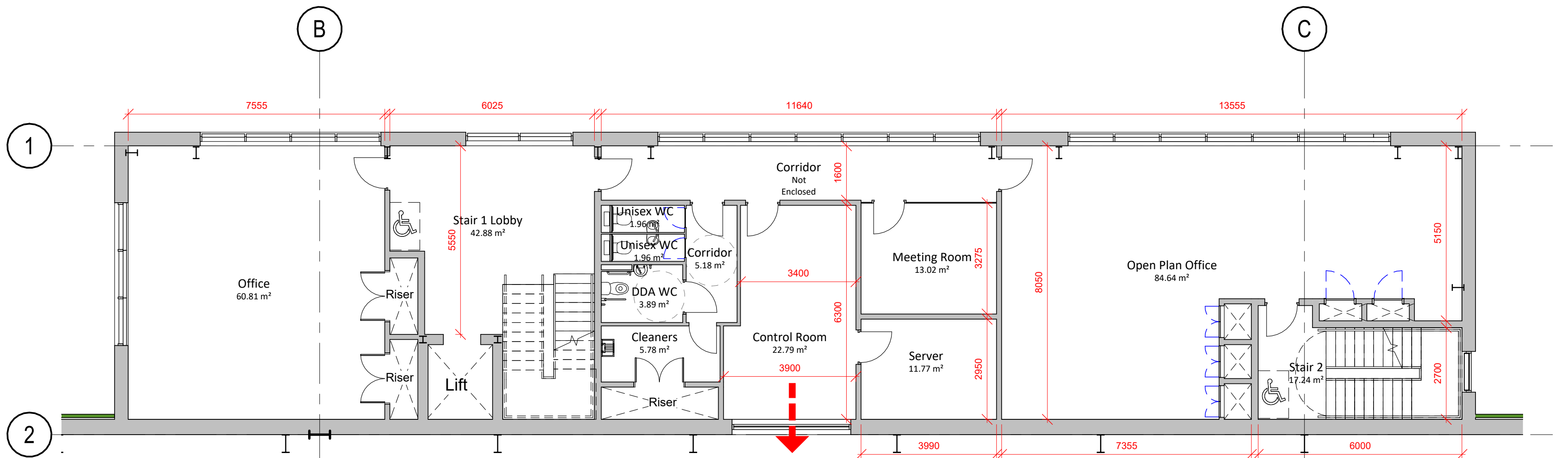
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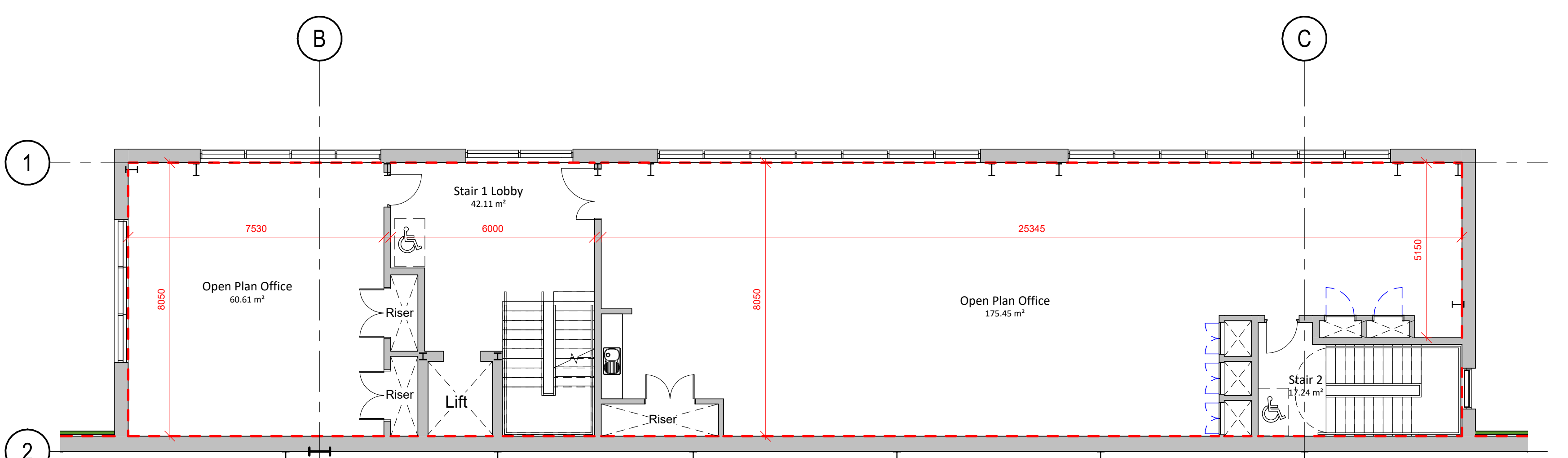
20-00_Office-Level 00
1 : 100



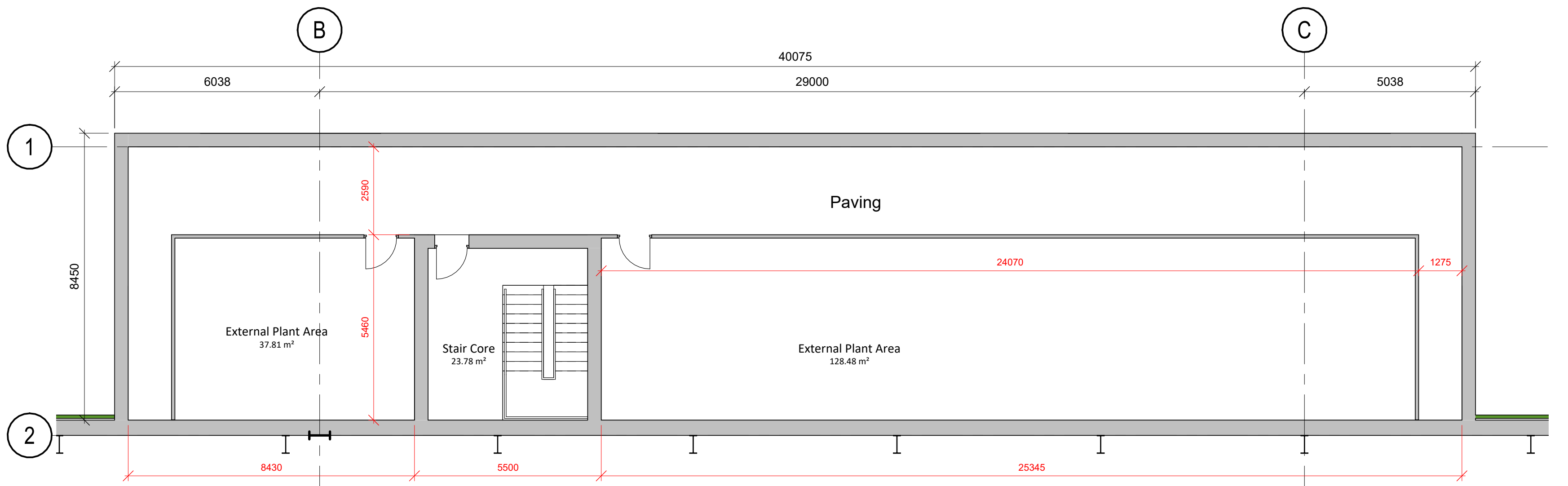
20-01_Office-Level 01
1 : 100



20-02_Office-Level 02
1 : 100



20-03_Office-Level 03
1 : 100



20-R1_Office-Level Roof
1 : 100

P1	Issued for Planning	TBC	AAD	DL
Rev.	Description	Date	ISS	APP

Scale: 1 : 100 @ A1
Status: S2 Information
Drawn By: AAD
Checked By: DL
Date: 05.04.2023
Client:

Project: Bentley Motors Ltd
Bentley Paint Shop

Sheet Name: Proposed Office Floor Plans

Project No. Orig. Zone Level Type Role Dwg No. Rev
23002-FRA-XX-ZZ-DR-A-PL10 P1

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