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FIXING CENTRES UNLESS OTHERWISE STATED WILL BE 600mm MAXIMUM EQUAL CENTRES.

ALL INSTALLATION TO BE IN ACCORDANCE WITH METHOD STATEMENT.

(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

L9 CURTAIN WALL SPECIFICATION

CONSTRUCTED FROM TECHNALS MX52 THERMALLY BROKEN CURTAIN WALL SYSTEM.

MAIN COMPONENTS TO CONSIST OF THE FOLLOWING:

180mm MULLION - FM159
180mm TRANSOM - FM159
PRESSURE PLATE - FM221
MULLION CAP - 6613
TRANSOM CAP - 6614

COLOUR SPECIFICATION

EXTERNAL - RAL 7021 MATT
INTERNAL - RAL 7021 MATT

GLAZING SPECIFICATION

SEE DRG. MO-100



PRINT IN COLOUR!

DWG REVISIONS

Rev	Notes	Date
P01	FIRST ISSUE	23/11/21
C01	CONSTRUCTION ISSUE	10/01/22

CONSTRUCTION

RED Systems Ltd
Plot L, Buildwas Rd,
Clayhill Industrial Estate
Neston, Wirral,
CH64 3RU
Tel: 0845 345 8772
www.redsystems.co.uk



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Scale: NTS@A3 Drawn by: SH Date: 04/11/21

Project: MOLLIES, OGS, MANCHESTER

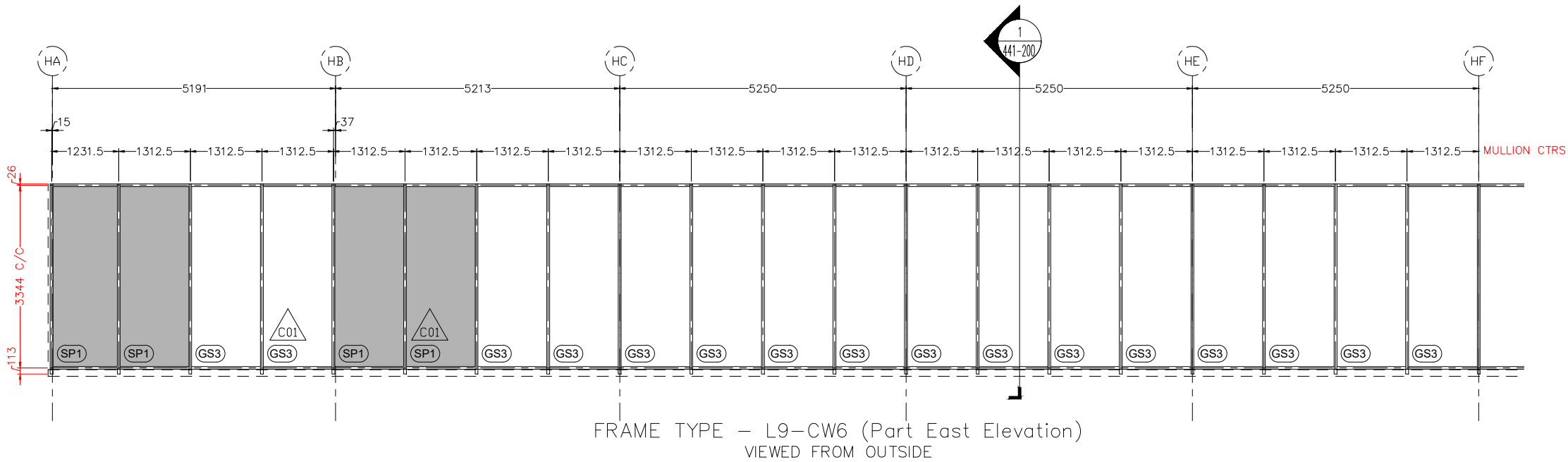
Phase: ZONE 5

Client: ARJ CONSTRUCTION

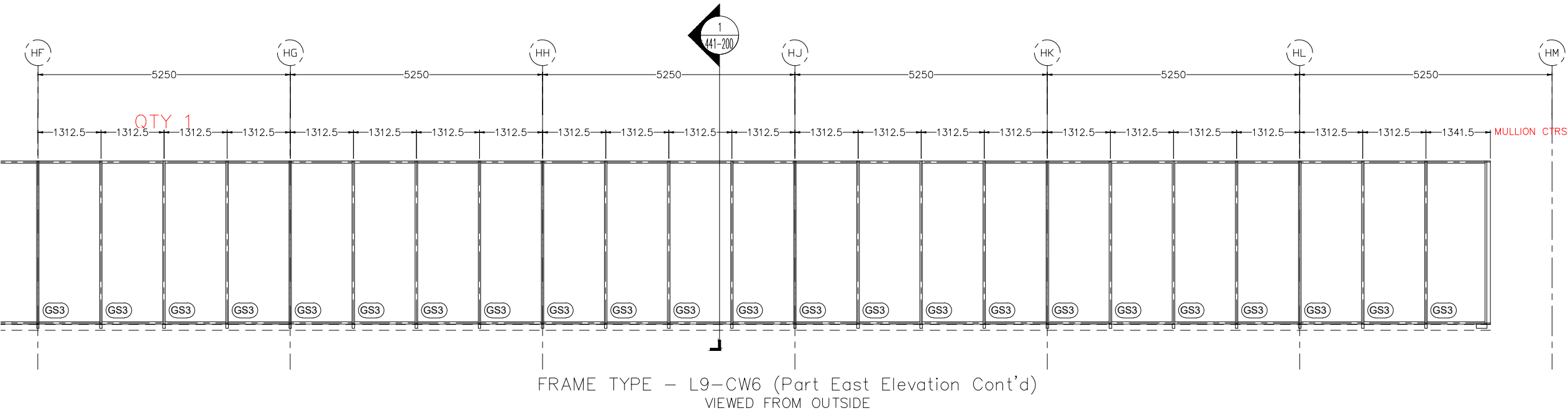
Title: ZONE 5
L9
CW6 EAST ELEVATION GA & SECTIONS

Drawing Ref: 441-112 Rev: C01

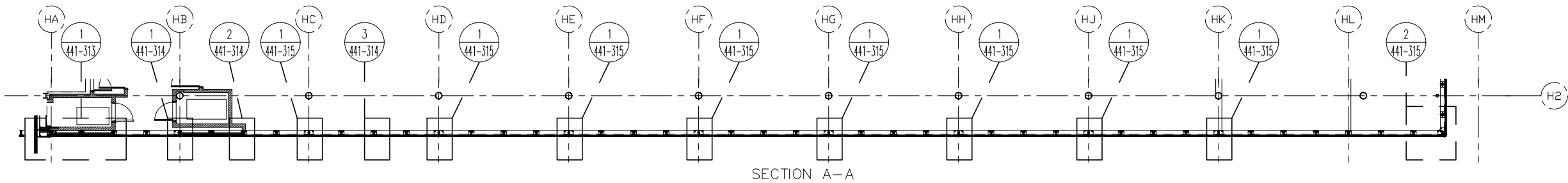
RED Systems Contract Ref Drawing Series/Revision



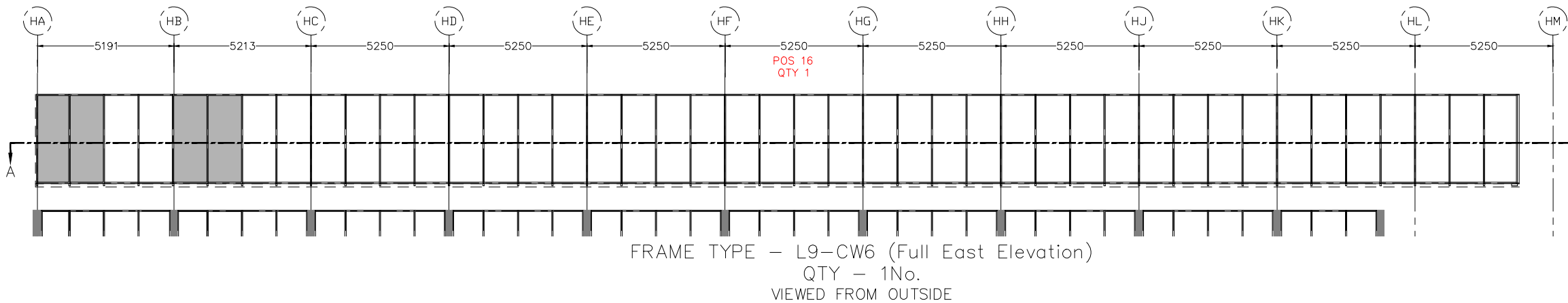
FRAME TYPE - L9-CW6 (Part East Elevation)
VIEWED FROM OUTSIDE



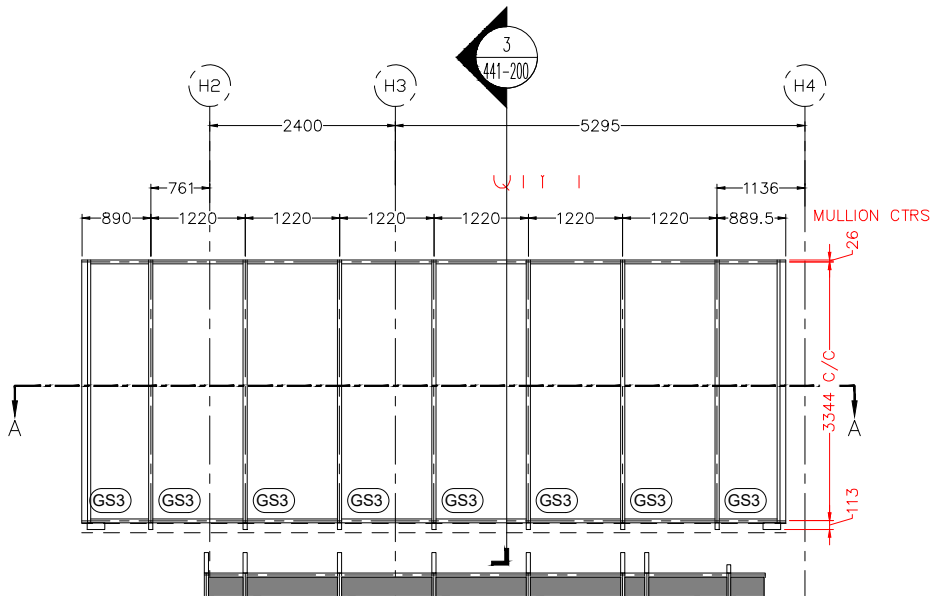
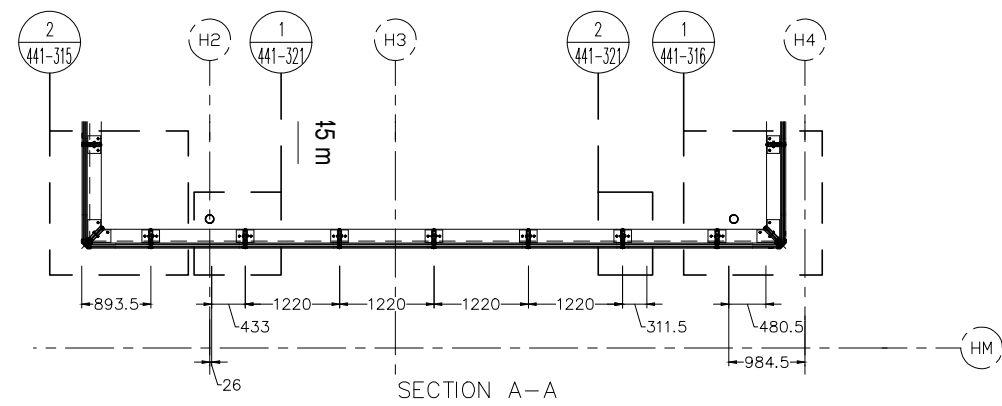
FRAME TYPE - L9-CW6 (Part East Elevation Cont'd)
VIEWED FROM OUTSIDE



SECTION A-A



FRAME TYPE - L9-CW6 (Full East Elevation)
QTY - 1No.
VIEWED FROM OUTSIDE



FRAME TYPE – L9–CW7 (North Elevation)
QTY – 1No.
VIEWED FROM OUTSIDE

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Border Version V1

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(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

L9 CURTAIN WALL SPECIFICATION

CONSTRUCTED FROM TECHNALS MX52 THERMALLY BROKEN CURTAIN WALL SYSTEM.

MAIN COMPONENTS TO CONSIST OF THE FOLLOWING:

- 180mm MULLION – FM159
- 180mm TRANSOM – FM159
- PRESSURE PLATE – FM221
- MULLION CAP – 6613
- TRANSOM CAP – 6614

COLOUR SPECIFICATION

- EXTERNAL – RAL 7021 MATT
- INTERNAL – RAL 7021 MATT

GLAZING SPECIFICATION

SEE DRG. MO–100



PRINT IN COLOUR!

DWG REVISIONS

Rev	Notes	Date
P01	FIRST ISSUE	23/11/21
C01	CONSTRUCTION ISSUE	10/01/22

CONSTRUCTION

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Scale: NTS@A3 Drawn by: SH Date: 04/11/21

Project: MOLLIES, OGS, MANCHESTER

Phase: ZONE 5

Client: ARJ CONSTRUCTION

Title: ZONE 5
L9
CW7 NORTH ELEVATION GA & SECTIONS

Drawing Ref: 441-113 Rev: C01

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(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

L9 CURTAIN WALL SPECIFICATION

CONSTRUCTED FROM TECHNALS MX52 THERMALLY BROKEN CURTAIN WALL SYSTEM.

MAIN COMPONENTS TO CONSIST OF THE FOLLOWING:

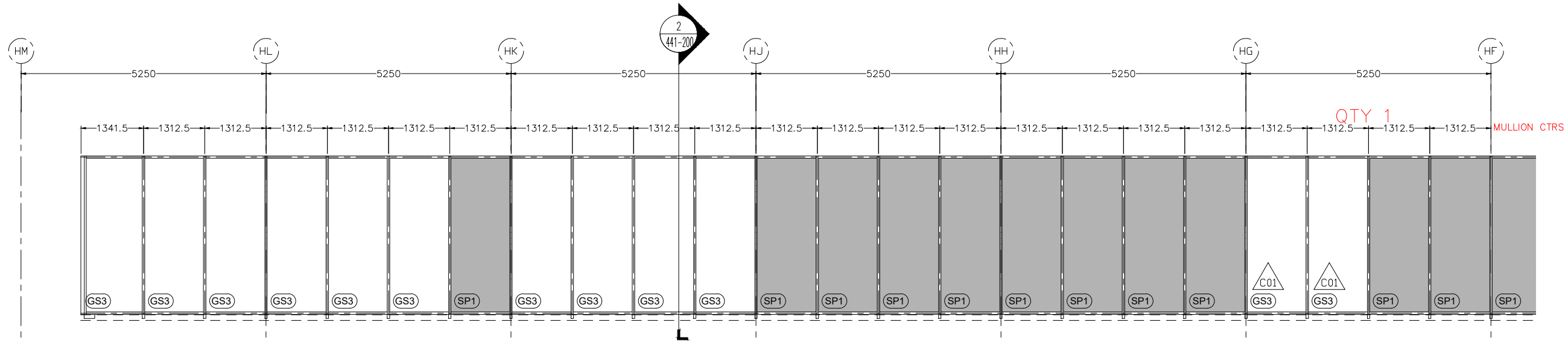
180mm MULLION - FM159
180mm TRANSOM - FM159
PRESSURE PLATE - FM221
MULLION CAP - 6613
TRANSOM CAP - 6614

COLOUR SPECIFICATION

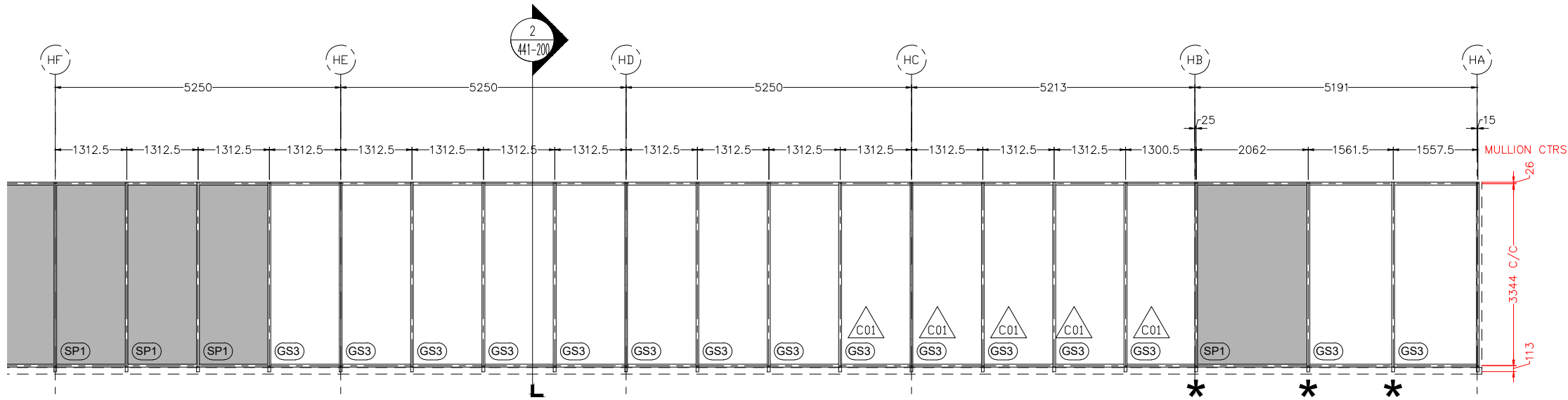
EXTERNAL - RAL 7021 MATT
INTERNAL - RAL 7021 MATT

GLAZING SPECIFICATION

SEE DRG. MO-100

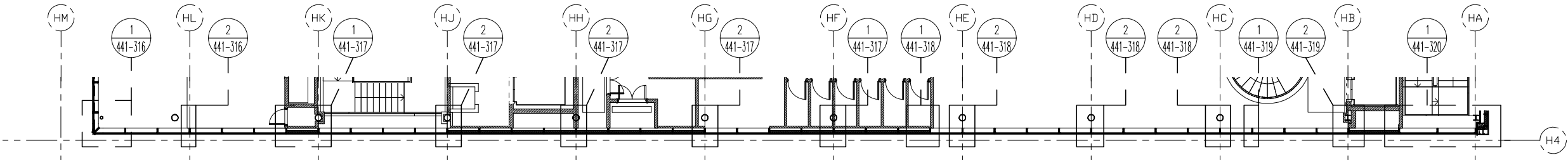


FRAME TYPE - L9-CW8 (Part West Elevation)
VIEWED FROM OUTSIDE

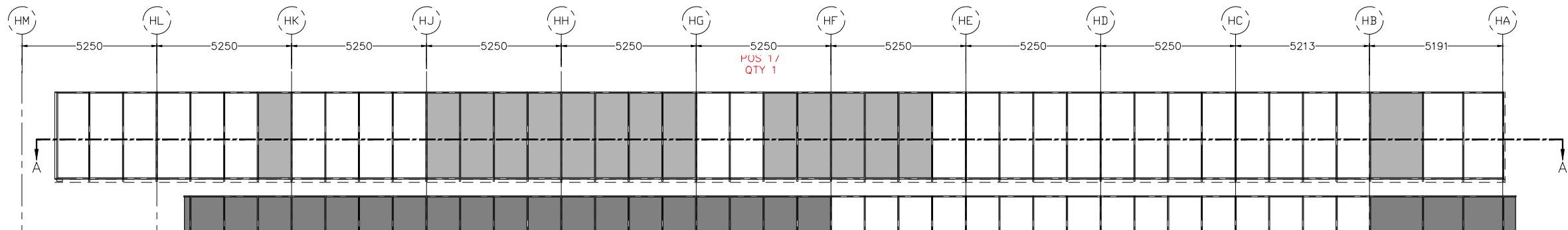


FRAME TYPE - L9-CW8 (Part West Elevation Cont'd)
VIEWED FROM OUTSIDE

* DENOTES - REINFORCED
WITH TECHNAL SPIGOT
FM155



SECTION A-A



FRAME TYPE - L9-CW8 (Full West Elevation)
QTY - 1No.
VIEWED FROM OUTSIDE

PRINT IN COLOUR!

DWG REVISIONS

Rev	Notes	Date
P01	FIRST ISSUE	23/11/21
C01	CONSTRUCTION ISSUE	10/01/22

CONSTRUCTION

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Scale: NTS@A3	Drawn by: SH	Date: 04/11/21
Project:	MOLLIES, OGS, MANCHESTER	
Phase:	ZONE 5	
Client:	ARJ CONSTRUCTION	
Title:	ZONE 5 L9 CW8 WEST ELEVATION GA & SECTIONS	
Drawing Ref:	441-114	Rev: C01

ALL INSTALLATION TO BE IN ACCORDANCE WITH
METHOD STATEMENT.

SEE DRG. M0-100

Rev	Notes	Date
P01	FIRST ISSUE	06/12/21
C01	CONSTRUCTION ISSUE	18/02/22
C02	MULLION CTRS ALTERED	07/03/22

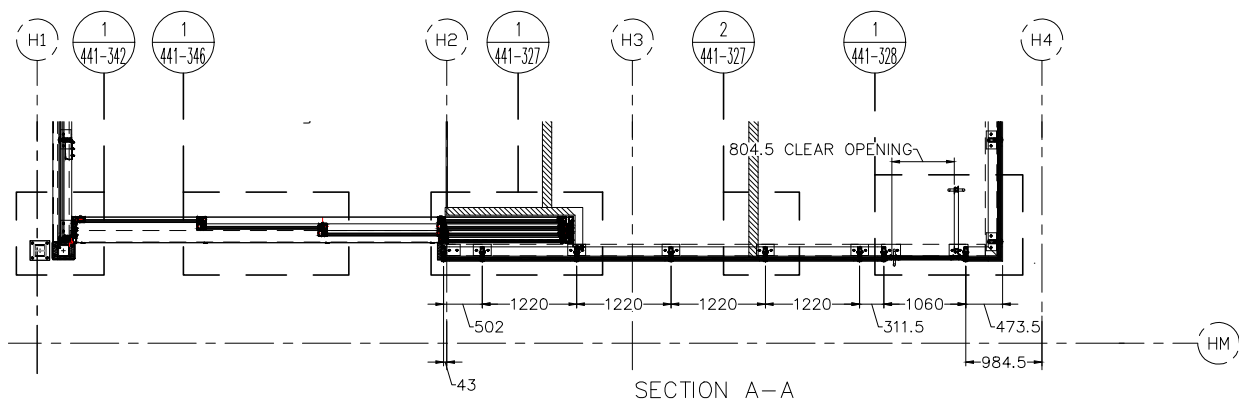
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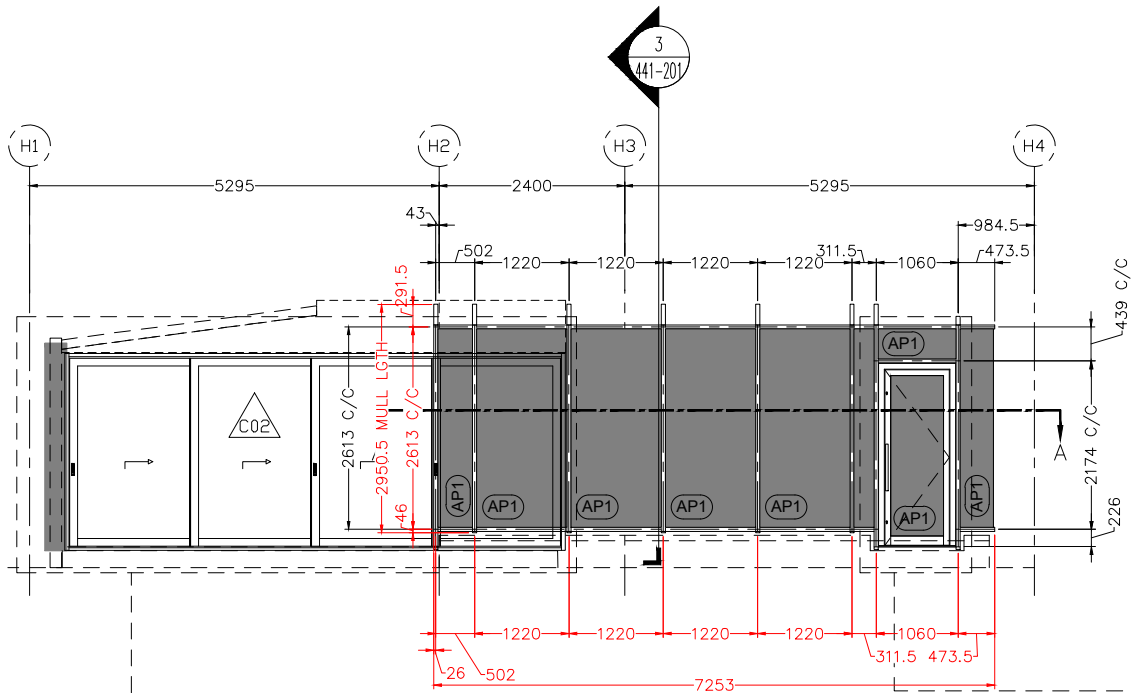
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Drawing Ref:	441-115	Rev: C02
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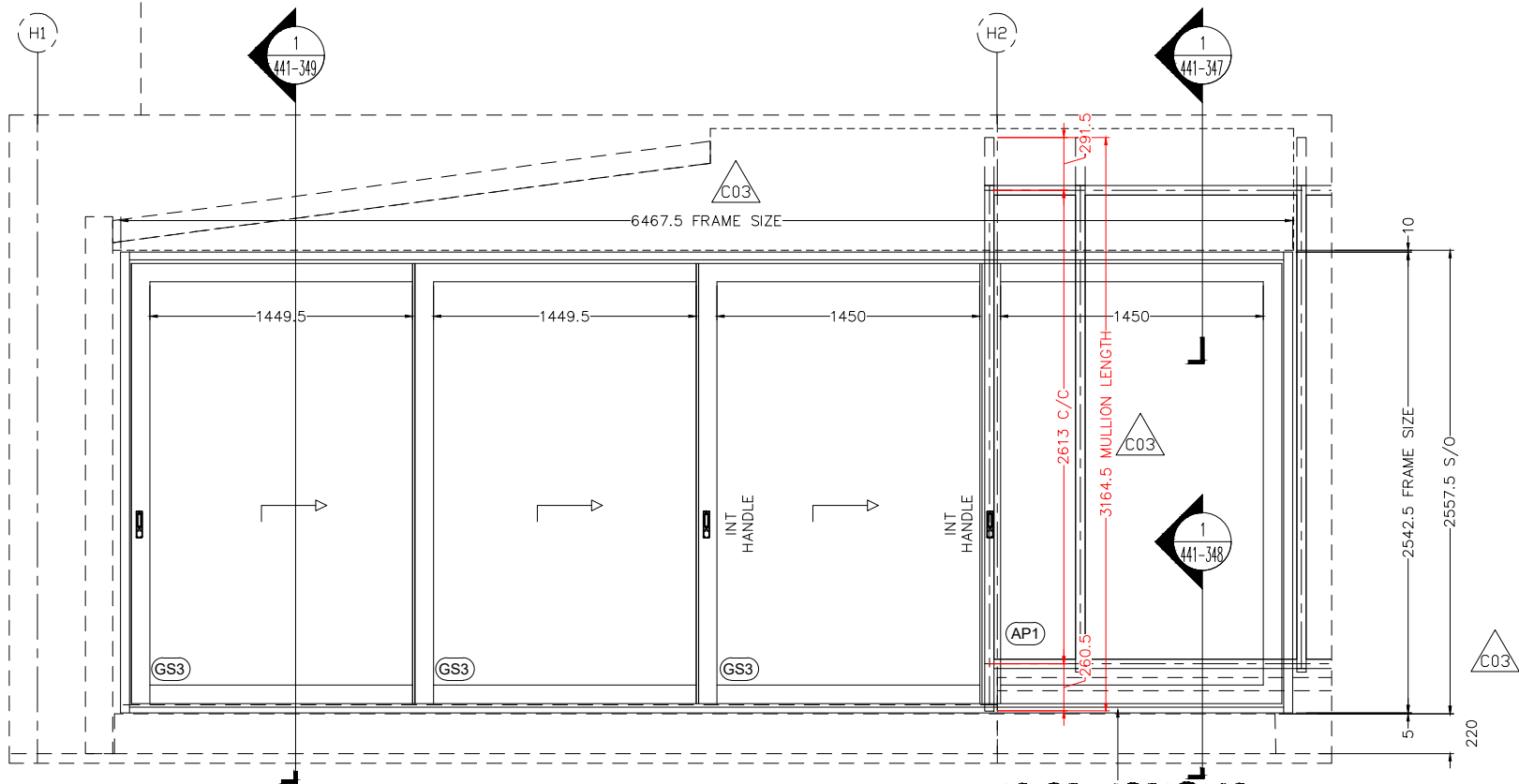




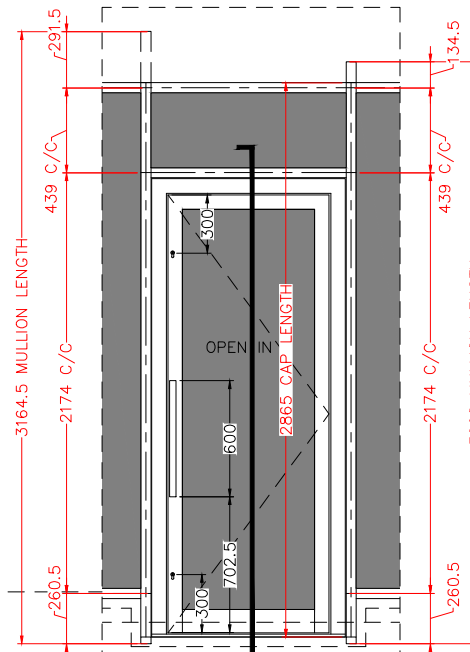
SECTION A-A



FRAME TYPE - L8-CW11 (North Elevation)
QTY - 1No.
VIEWED FROM OUTSIDE



NOTE
NO DRAINAGE IN OUTERFRAME
THAT IS BEHIND CURTAIN WALL.



IRONMONGERY SPECIFICATION:
2 HOOKLOCKS (THUMBTURNS ON INSIDE).
1 BACK-BACK JDA083 PULL HANDLES E-130/60032.
1 HO CONCEALED OVERHEAD DOOR CLOSER.

(VO) - CHANGE TO 4 TRACK SLIDER
SUBJECT TO INSTRUCTION

FRAME & IRONMONGERY SPECIFICATION:
REYNAERS CP155 THERMALLY BROKEN 4 TRACK SLIDER
PPC R7021
3 LIFT & SLIDE FLUSH HANDLES (SILVER)
NOTE
NO REYNAERS DOOR STOPS FITTED TO ALLOW DOORS
TO SLIDE BACK FLUSH WITH WALL. NEOPRENE
BUFFERS FIXED TO R/H O/FRAME AS PER DTL TO
PREVENT DOOR CLASH.

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(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

L8 (CW11) CURTAIN WALL SPECIFICATION

CONSTRUCTED FROM TECHNALS MX52 THERMALLY BROKEN CURTAIN WALL SYSTEM.

MAIN COMPONENTS TO CONSIST OF THE FOLLOWING:

120mm MULLION - FM157
120mm TRANSOM - FM157
PRESSURE PLATE - FM221
MULLION CAP - 6617
TRANSOM CAP - 6667

SWING DOOR SPECIFICATION

CONSTRUCTED FROM TECHNAL/SAPA STII THERMALLY BROKEN DOOR SYSTEM.

COLOUR SPECIFICATION

EXTERNAL - RAL 7021 30% GLOSS
INTERNAL - RAL 7021 30% GLOSS

GLAZING SPECIFICATION

SEE DRG. MO-100

PRINT IN COLOUR!

DWG REVISIONS

Rev	Notes	Date
P01	FIRST ISSUE	06/12/21
C01	CONSTRUCTION ISSUE	18/02/22
C02	SLIDING DOOR ADDED	08/03/22
C03	SLIDING DOOR WIDTH & IRONMONGERY AMENDED	14/04/22

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Scale: NTS@A3	Drawn by: SH	Date: 04/11/21
Project:	MOLLIES, OGS, MANCHESTER	
Phase:	ZONE 5	
Client:	ARJ CONSTRUCTION	
Title:	ZONE 5 L8 CW11 NORTH ELEVATION GA & SECTIONS	
Drawing Ref:	441-116	Rev: C03

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(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

L8 (CW9 & CW11) CURTAIN WALL SPECIFICATION

CONSTRUCTED FROM TECHNALS MX52 THERMALLY BROKEN CURTAIN WALL SYSTEM.

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120mm TRANSOM - FM157
PRESSURE PLATE - FM221
MULLION CAP - 6617
TRANSOM CAP - 6667

COLOUR SPECIFICATION

EXTERNAL - RAL 7021 30% GLOSS
INTERNAL - RAL 7021 30% GLOSS

GLAZING SPECIFICATION

SEE DRG. M0-100

PRINT IN COLOUR!

DWG REVISIONS

Rev	Notes	Date
P01	FIRST ISSUE	06/12/21
C01	CONSTRUCTION ISSUE	18/02/22
C02	CW11 SURVEY INFO ADDED	05/05/22

CONSTRUCTION

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Scale: NTS@A3 Drawn by: SH Date: 04/11/21

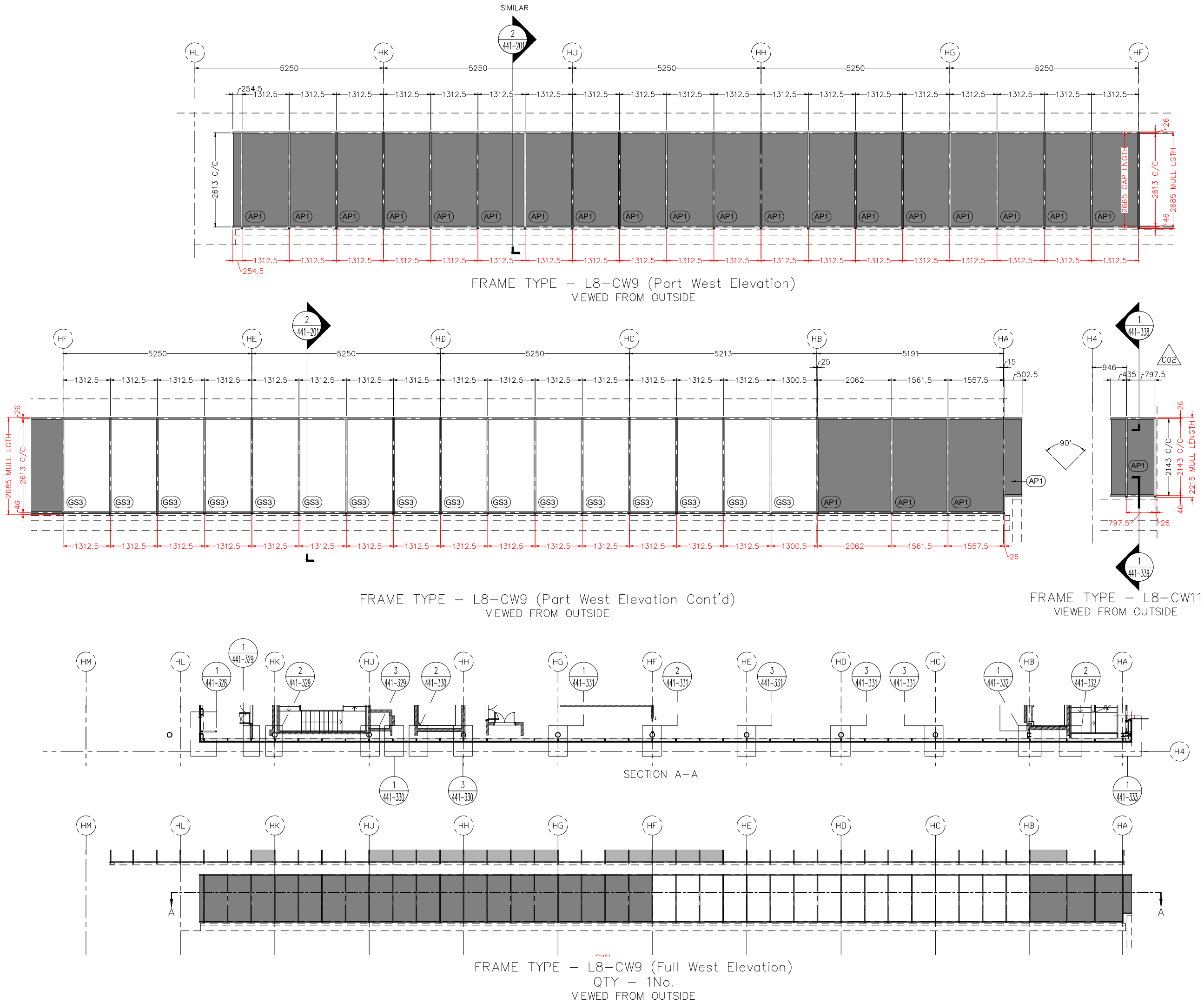
Project: MOLLIES, OGS, MANCHESTER

Phase: ZONE 5

Client: ARJ CONSTRUCTION

Title: ZONE 5
L8
CW9 & CW11 WEST ELEVATION GA & SECTIONS

Drawing Ref: 441-117 Rev: C02



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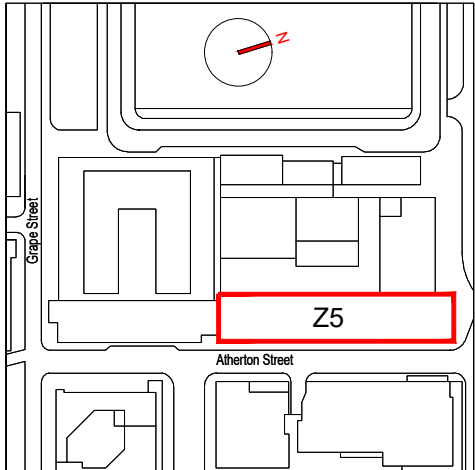
ALL INSTALLATION TO BE IN ACCORDANCE WITH METHOD STATEMENT.

(VO) - SUBJECT TO INSTRUCTION

MAX PROJECT WINDLOAD - XXXX

FOR ELEVATIONS REFER TO THE FOLLOWING:

CW6 - 441-112
CW7 - 441-113
CW8 - 441-114



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Rev	Notes	Date
P01	FIRST ISSUE	23/11/21
C01	CONSTRUCTION ISSUE	10/01/22

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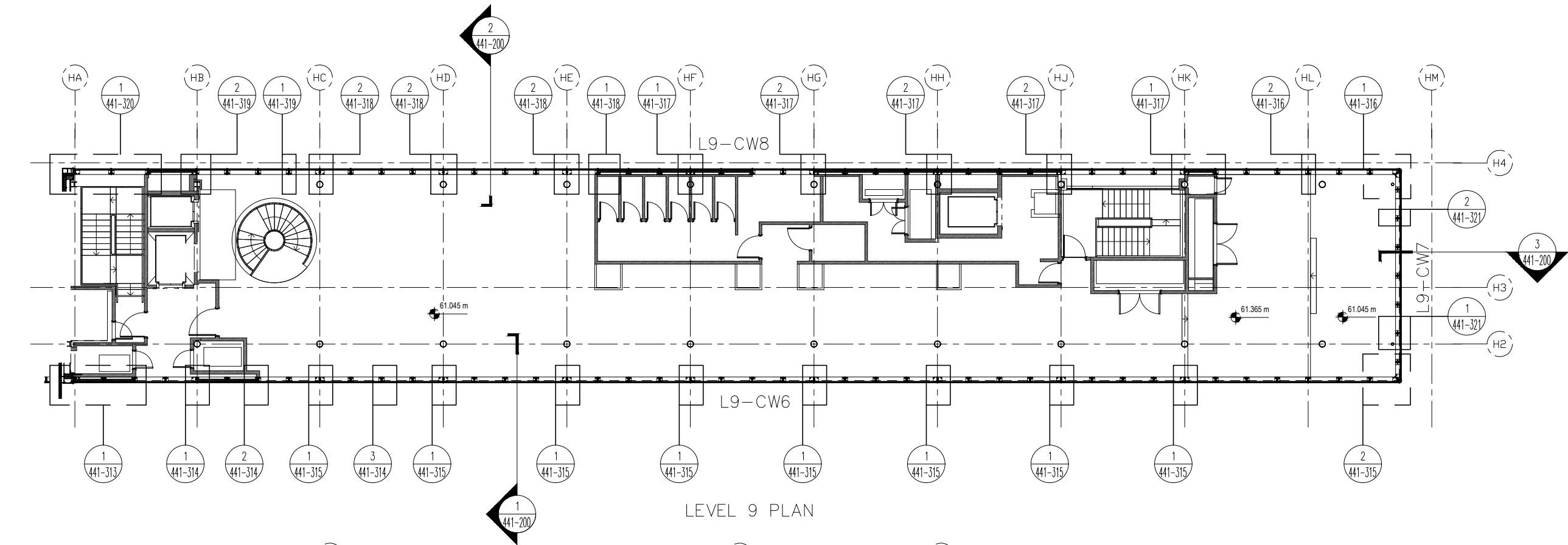
Project: MOLLIES, OGS, MANCHESTER

Phase: ZONE 5

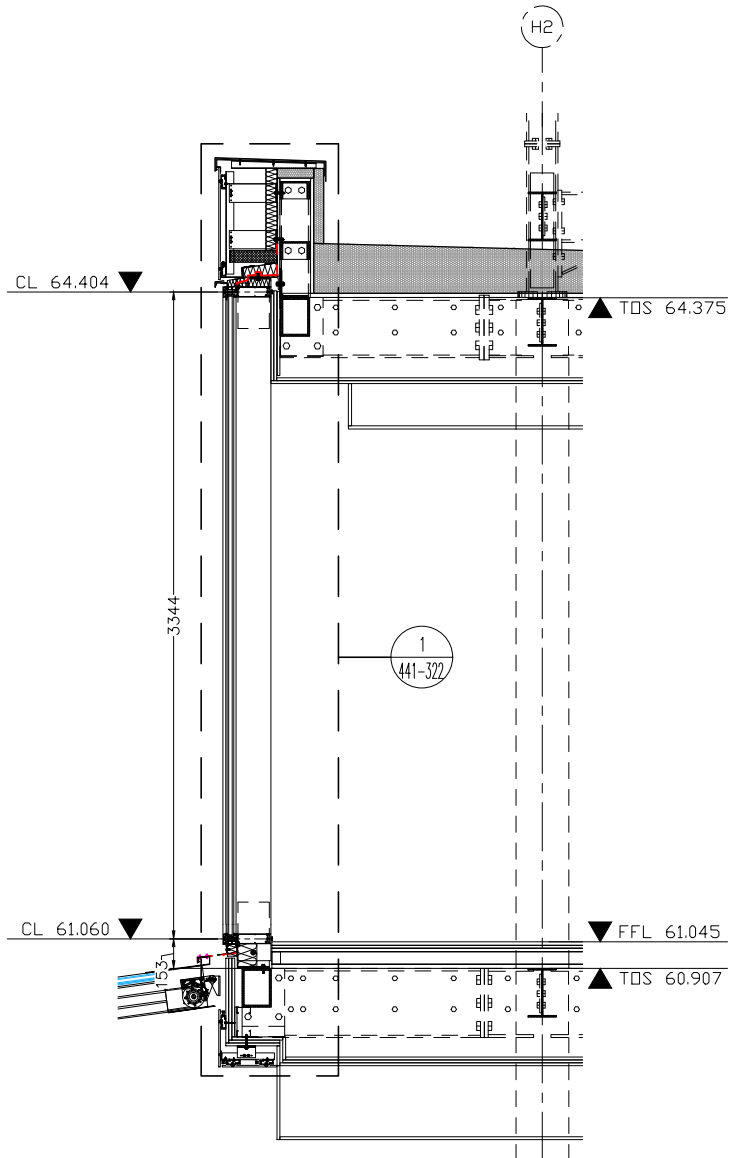
Client: ARJ CONSTRUCTION

Title: ZONE 5
L9
PLAN & SECTIONS

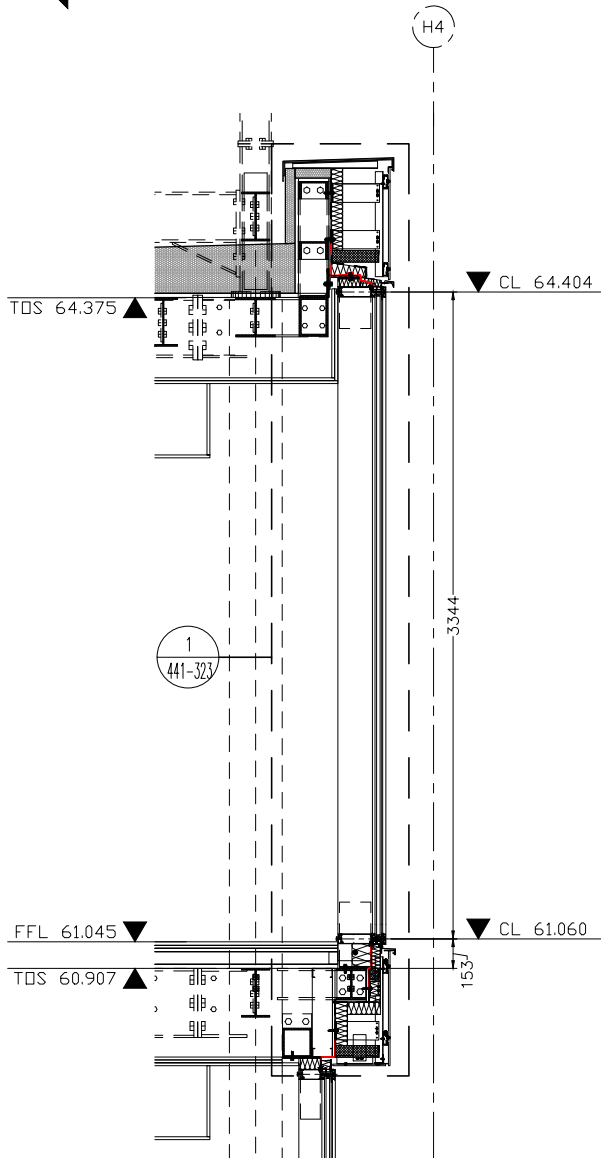
Drawing Ref: 441-200 Rev: C01



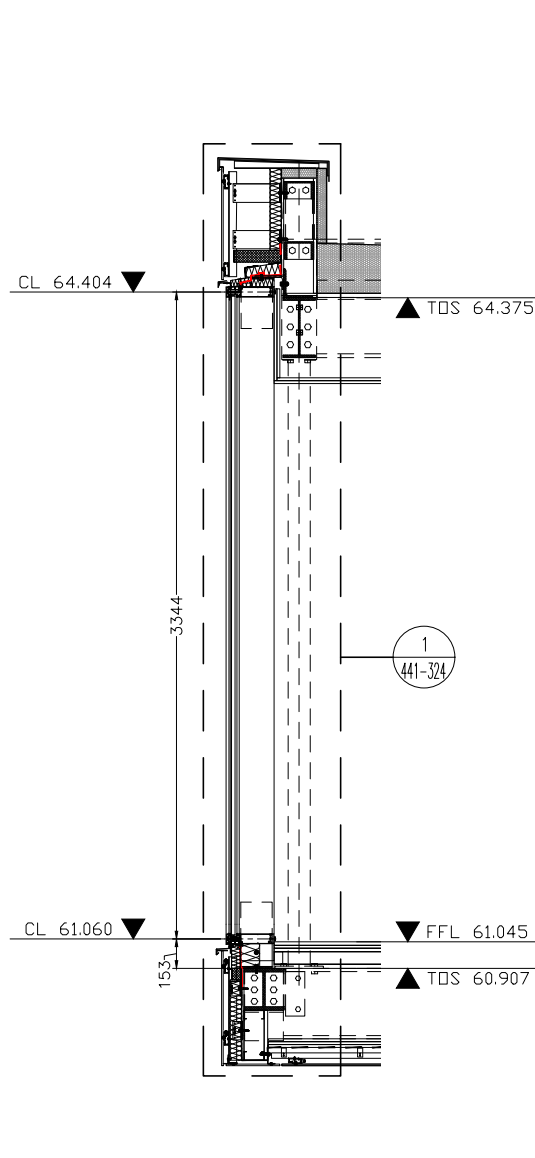
LEVEL 9 PLAN



1 441-200 VERTICAL SECTION

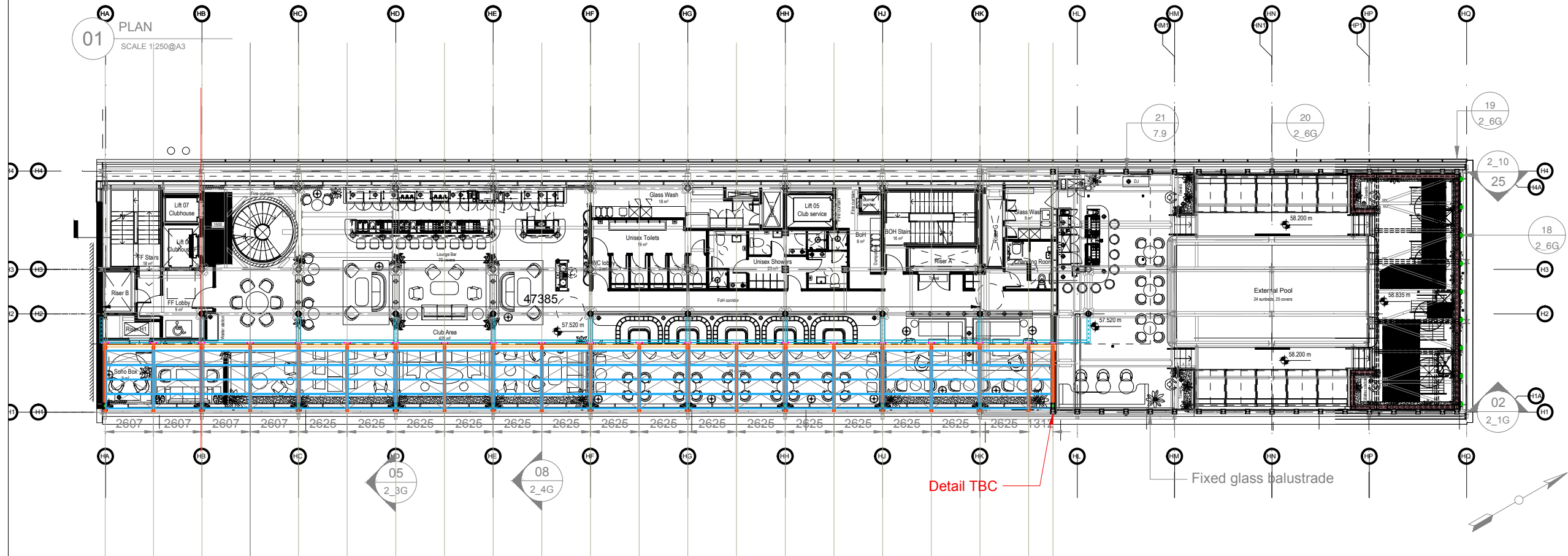


2 441-200 VERTICAL SECTION



3 441-200 VERTICAL SECTION

PROPOSED GLASS ROOF SCHEME



Drawing No: 56434_2_1

Revision: G

Date drawn: 21.01.2022

Drawn by: EH

Client: Mollie's (OGS)

Site: Manchester

Scale: As Shown @A3

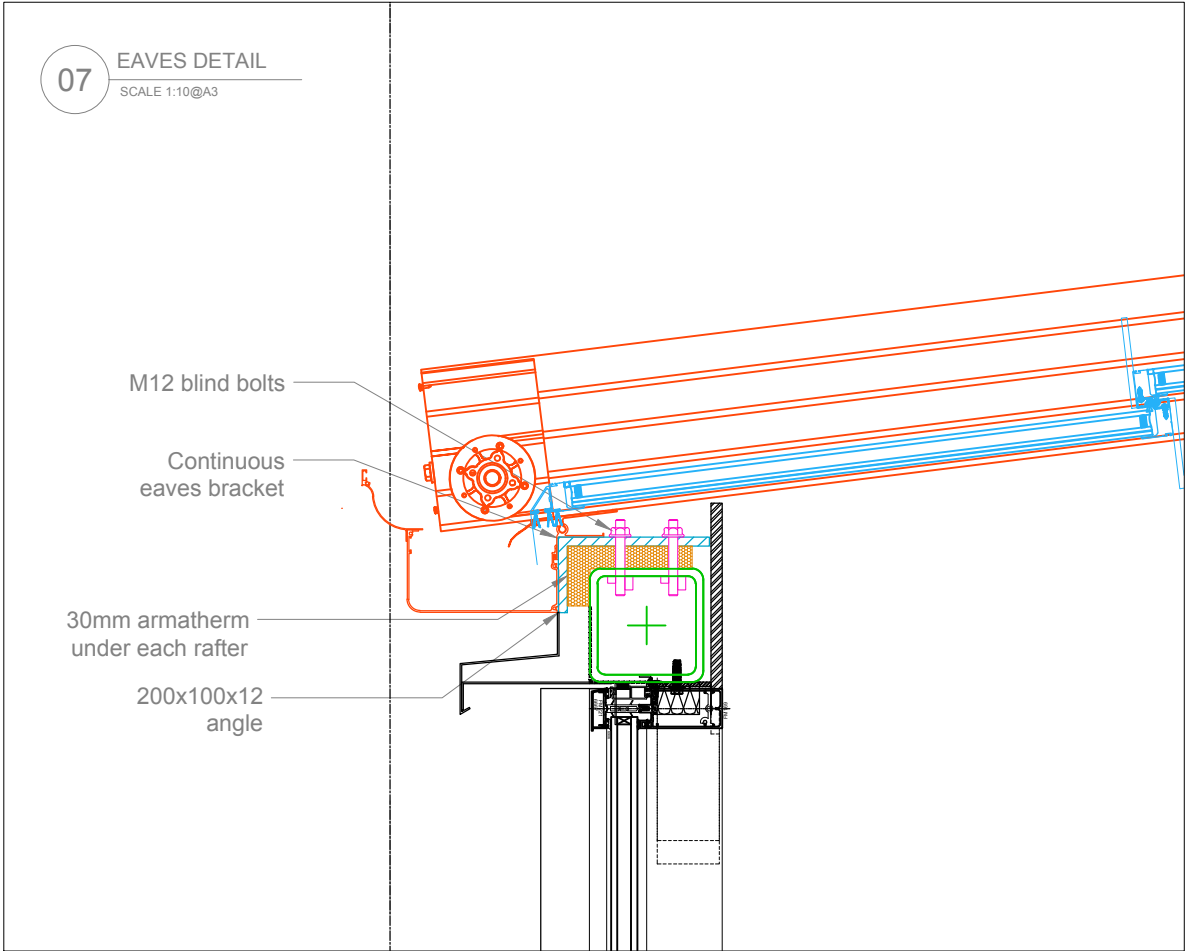
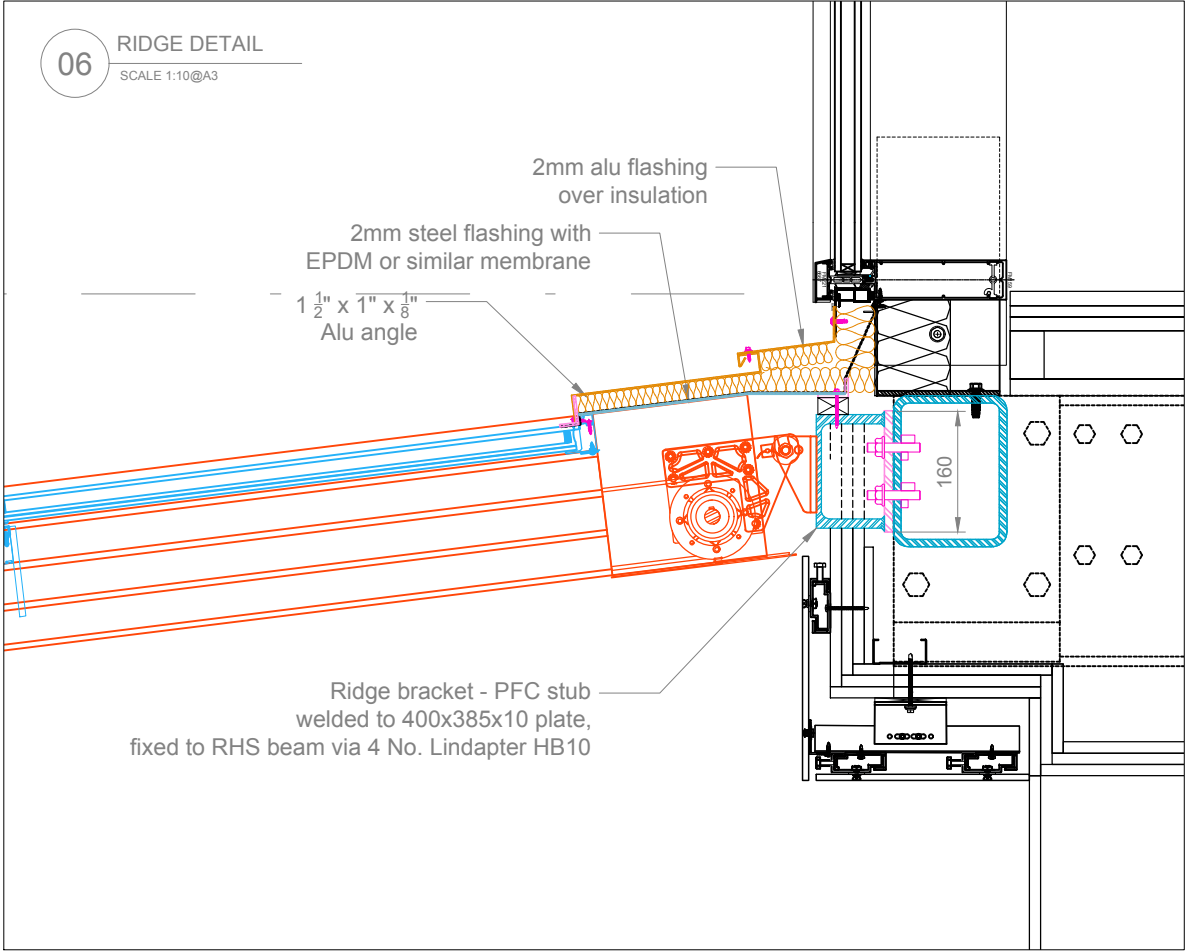
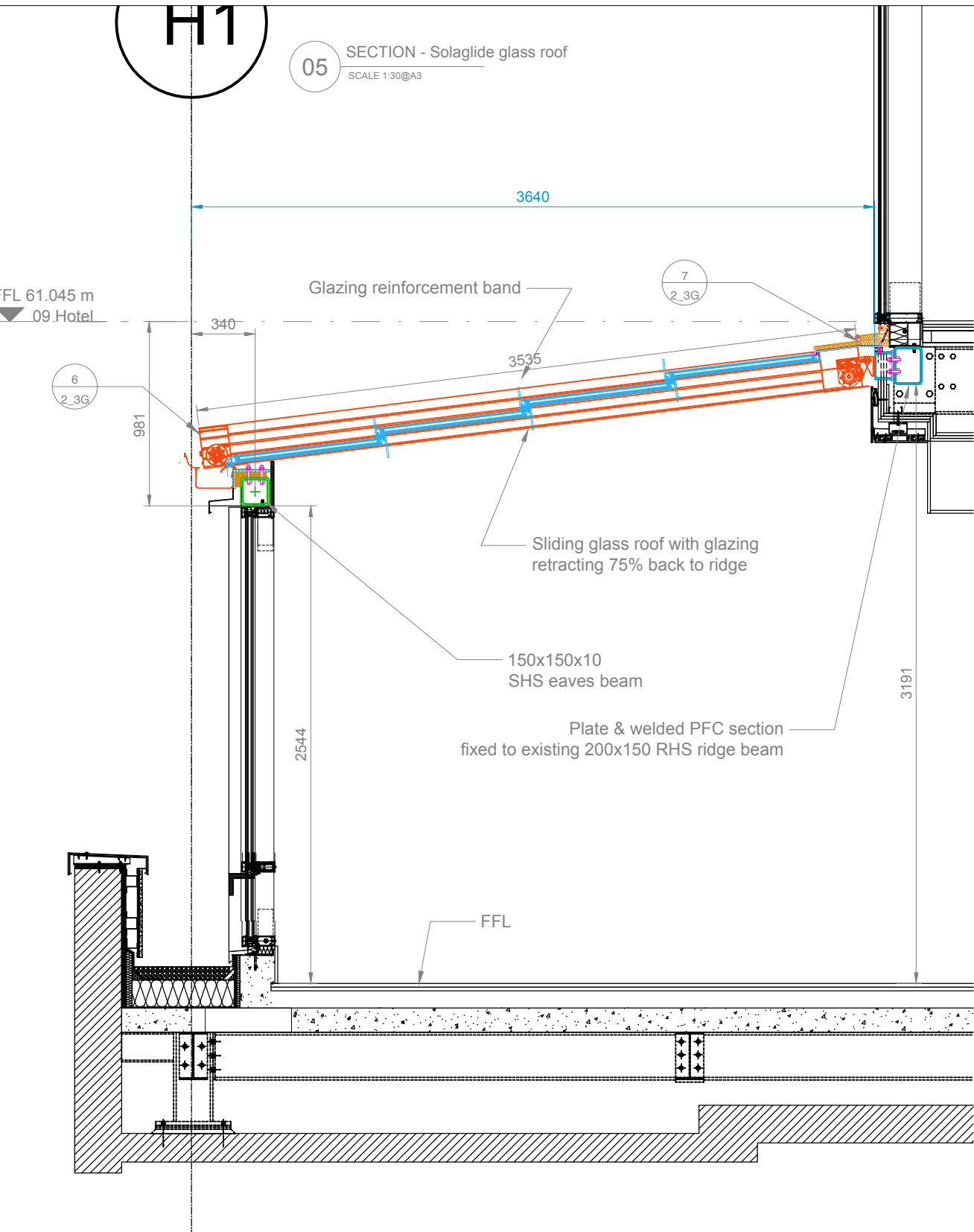
G	21.01.22	Rafters aligned with columns/ grid lines
E	23.11.21	
REVISION	DATE	NOTES

Unit 7 Mitcham Industrial Estate
Streatham Road, Mitcham
Surrey, CR4 2AP

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info@breezefree.com

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PROPOSED GLASS ROOF SCHEME



Drawing No: 56434_2_3

Revision: G

Date drawn: 20.01.2022

Drawn by: EH

Client: Mollie's (OGS)

Site: Manchester

Scale: As Shown @A3

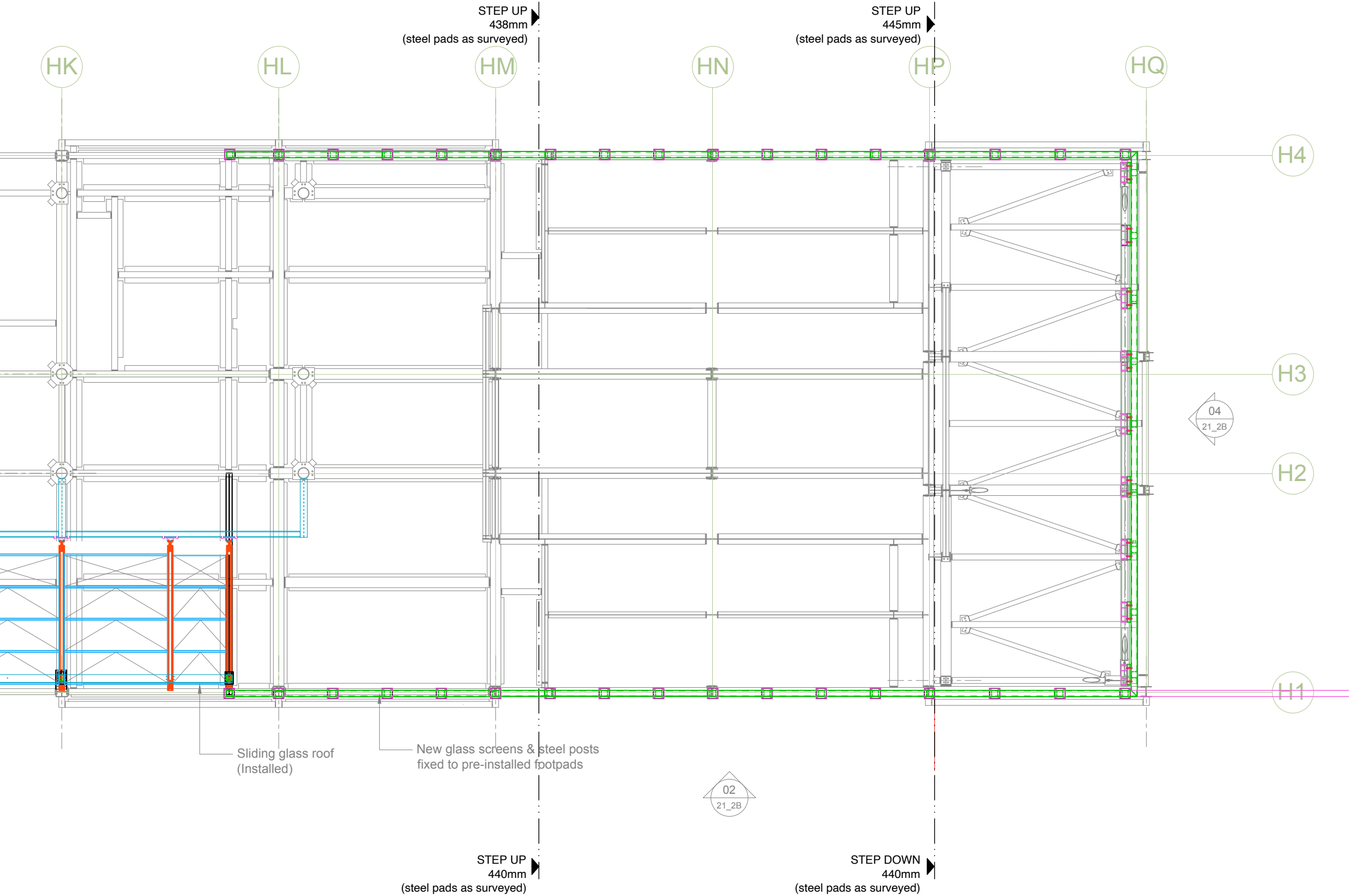
REVISION	DATE	NOTES
G	21.01.22	Insulation details amended
E	23.11.21	

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info@breezefree.com

01 PLAN
SCALE 1:100@A3

03
21_2B

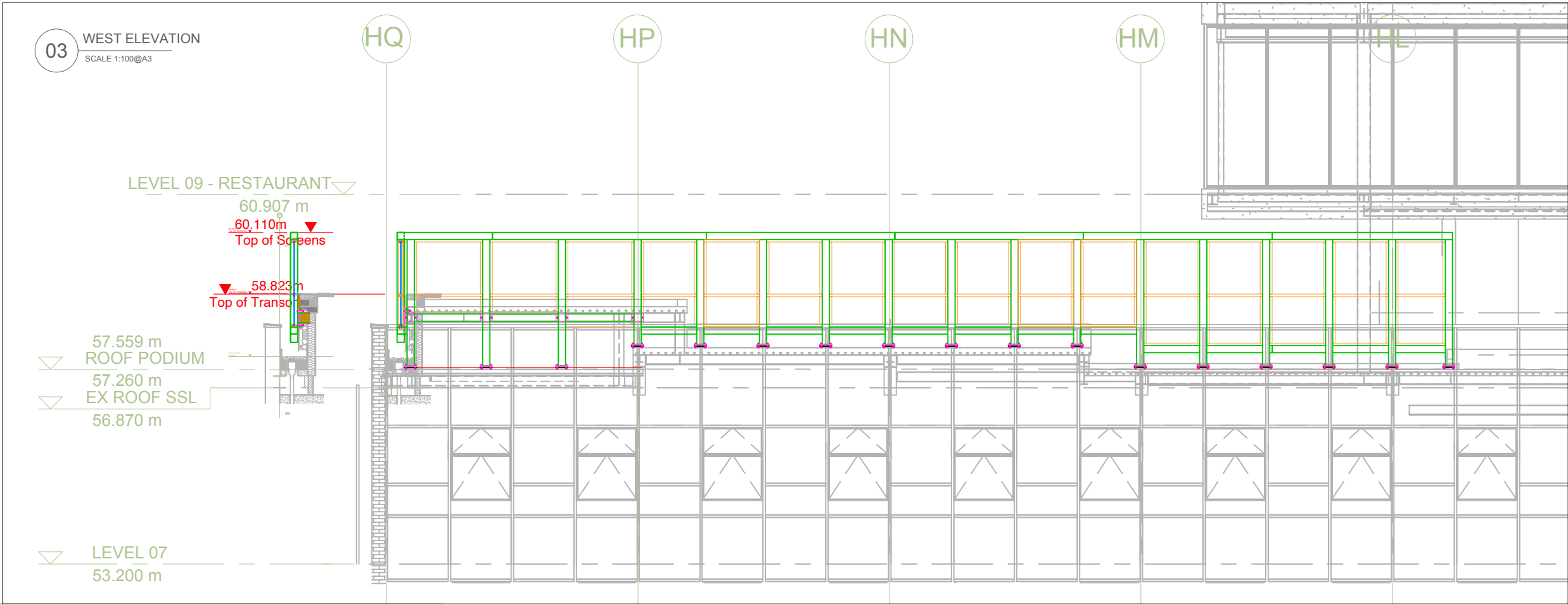
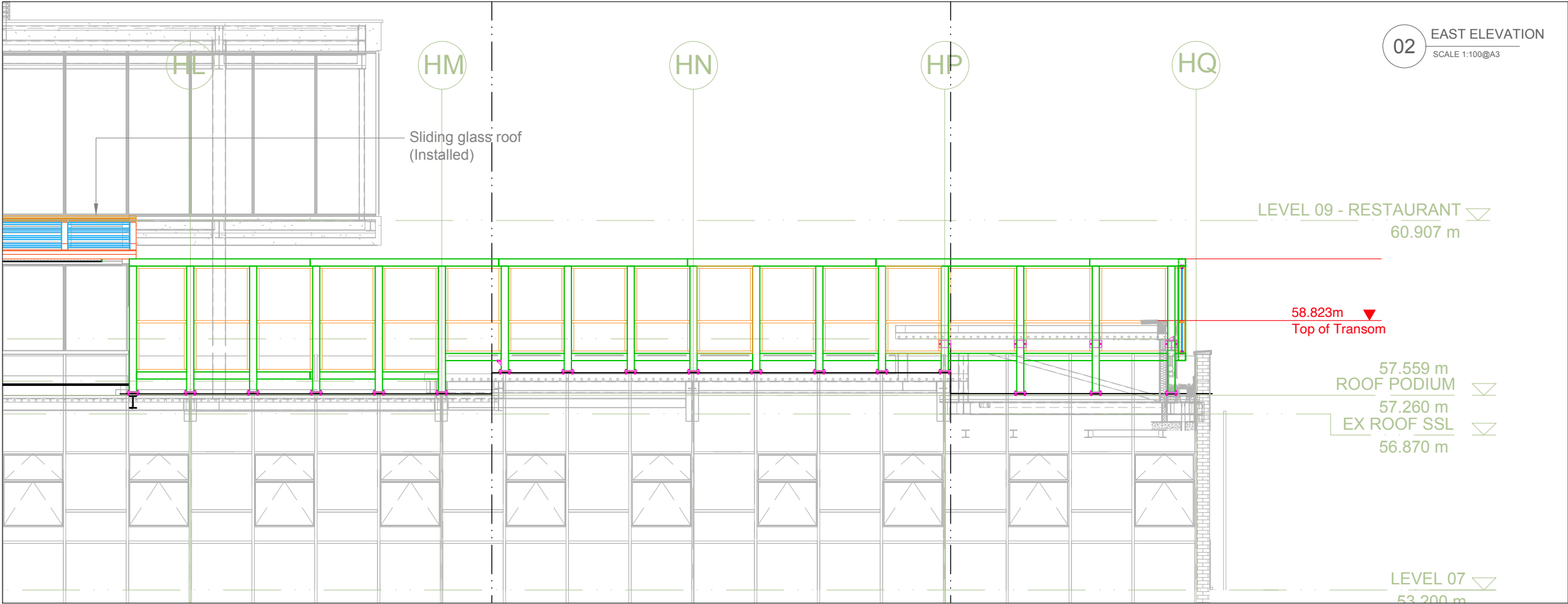


Drawing No: 56434_21_1B
Revision: B
Date drawn: 21.09.2022
Drawn by: EH/TG
Client: OGS
Site: MANCHESTER
Scale: As Shown @A3

B	15.9.22	Lower horizontal beams between posts placed higher
A	26.8.22	New cross-beam design with 150 SHS.
REVISION	DATE	NOTES

Unit 7 Mitcham Industrial Estate
Streatham Road, Mitcham
Surrey, CR4 2AP

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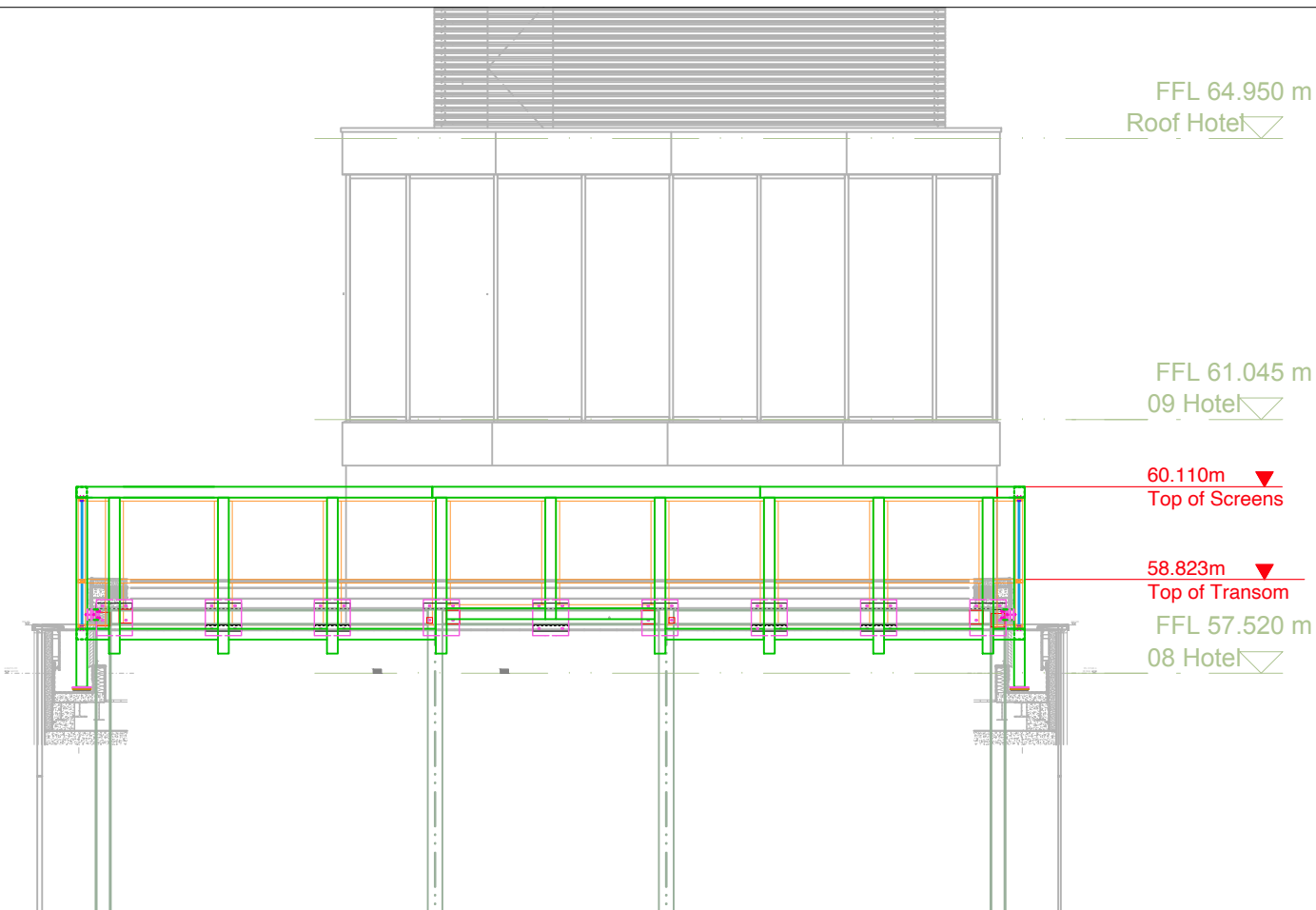
Drawing No: 56434_21_2B
Revision: B
Date drawn: 21.09.2022
Drawn by: EH/TG
Client: OGS
Site: MANCHESTER
Scale: As Shown @A3

B	15.9.22	Lower horizontal beams between posts placed higher
A	26.8.22	New cross-beam design with 150 SHS.
REVISION	DATE	NOTES

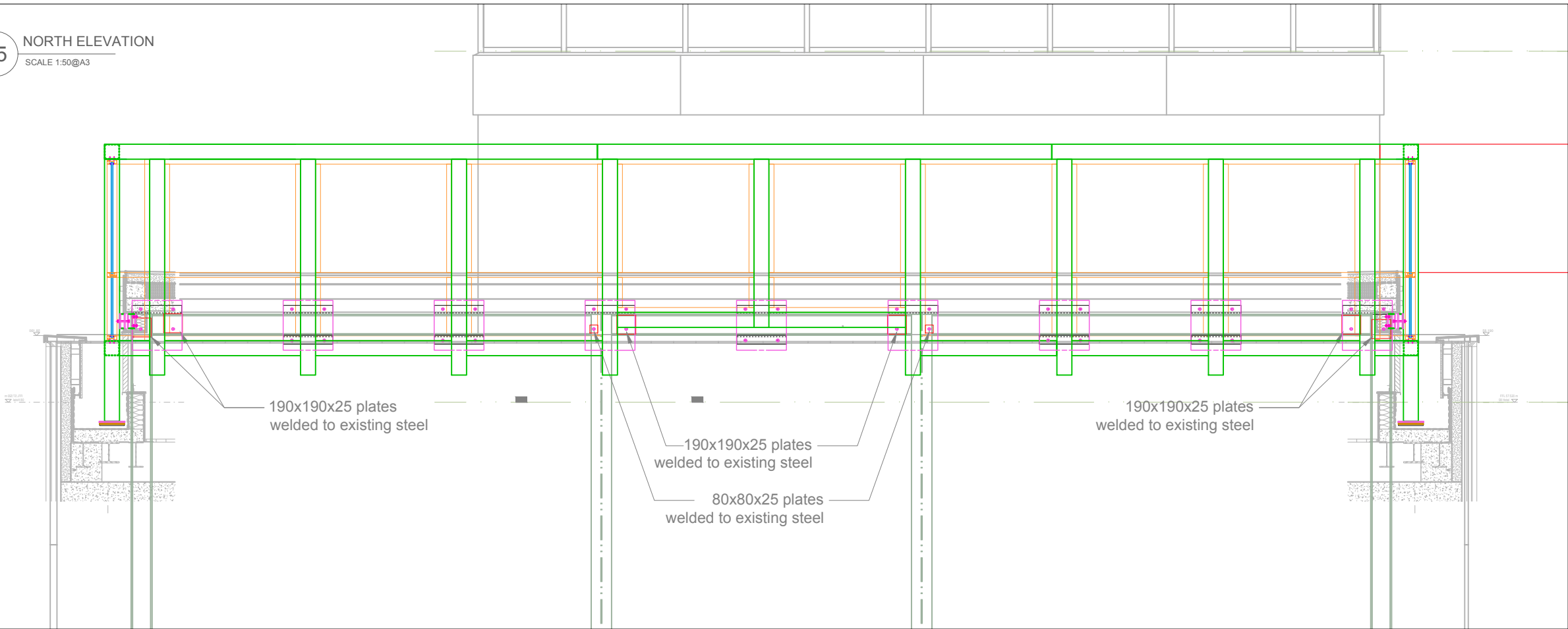
Unit 7 Mitcham Industrial Estate
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04 NORTH ELEVATION
SCALE 1:100@A3



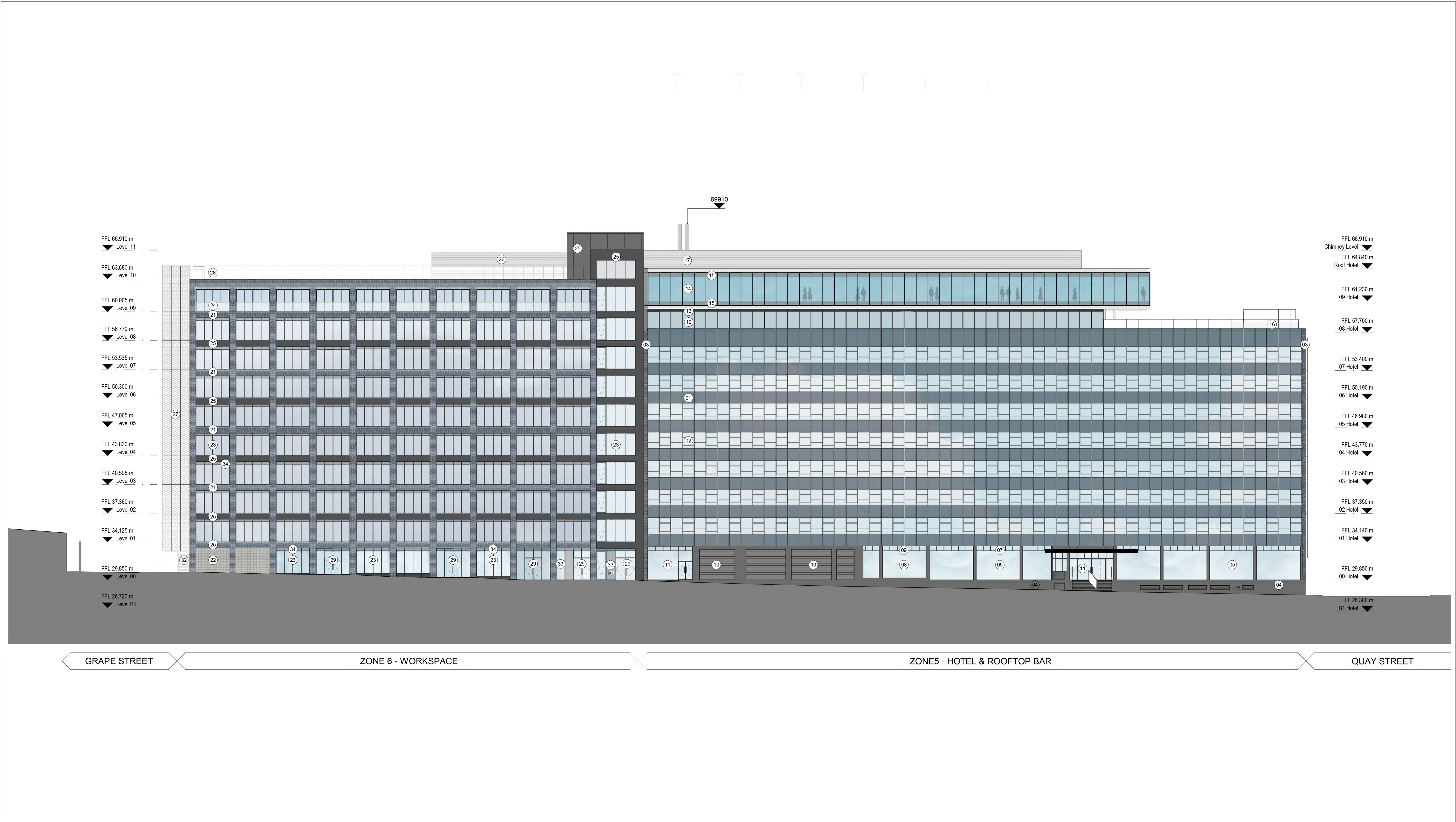
05 NORTH ELEVATION
SCALE 1:50@A3



Drawing No: 56434_21_3B
Revision: B
Date drawn: 21.09.2022
Drawn by: EH/TG
Client: OGS
Site: MANCHESTER
Scale: As Shown @A3

B	15.9.22	Lower horizontal beams between posts placed higher
A	26.8.22	New cross-beam design with 150 SHS.
REVISION	DATE	NOTES

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Notes

Do not scale from this drawing.

All dimensions are to be checked prior to construction and any discrepancies are to be identified to the Architect.

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KEY

- 01. Existing curtain wall refurbished - new film to spandrel panels to match existing
- 02. Existing windows refurbished - damaged units replaced to match existing
- 03. Existing brickwork
- 04. Existing low level cladding
- 05. Existing glazed curtain wall - clear
- 06. Existing windows replaced with new to match
- 07. Existing glass louvres
- 08. Window opening to match existing adjacent window
- 09. Glass louvres to match existing
- 10. Metal louvres - dark grey
- 11. Glazed capped curtain wall and entrance door - clear with dark grey frame
- 12. Glazed capped curtain wall - clear
- 13. Glazed retractable roof - clear
- 14. Glazed capless curtain wall
- 15. Glazed capless curtain wall - opaque
- 16. Frameless glazed balustrade - top section clear, bottom section opaque
- 17. Louvre screen - light grey
- 18. Aluminium rainscreen panel - light grey

- 21. Brick tiles - stretcher bond, dark grey blue
- 22. Brick tiles - stacked bond, grey
- 23. Capped glazed curtain wall - clear
- 24. Glass balustrade with handrail - clear
- 25. Aluminium rainscreen panel - black grey
- 26. Louvred screen - light grey
- 27. Metal expanded mesh screen - dark grey
- 28. Frameless glass balustrade - clear
- 29. Glazed framed doors - clear
- 30. Metal doors - dark grey
- 31. Metal louvred doors - dark grey
- 32. External metal stair - black
- 33. Back coated opaque glass / spandrel panel - light grey
- 34. Metal louvred panels - dark grey

- 41. Brick tiles - stretcher bond, blue grey
- 42. Crittal windows - black
- 43. Textured Metal cladding - black
- 44. Capped glazed curtain wall - clear
- 45. Capped curtain wall - opaque
- 46. Louvre screen - light grey
- 47. Metal Canopy - dark grey

- 51. Prefabricated container unit with clear glazing on the front
- 52. Glazed capped curtain wall - clear
- 53. Metal rainscreen - mid grey
- 54. Proprietary metal balustrade - black grey
- 55. Metal gate - black grey
- 56. External metal stair - black grey

- 61. Existing brickwork
- 62. Existing brickwork behind the previous extension
- 63. Existing windows - clear glazing
- 64. Existing grey cladding and louvres
- 65. Existing decorative banner
- 66. Metal mesh cladding

Status

INFORMATION

Client

Manchester Quays Ltd

Project

OGS
St John's

Title

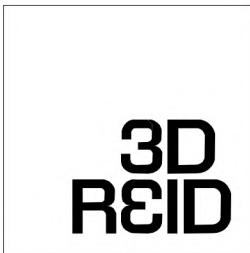
Proposed East Elevation
All Zones

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Drawing No.			Rev.	
180146-3DR-Z0-SE-DR-D130			E	

E	09/07/20	Updated for Planning
D	02/04/20	Facade materials updated.
C	28/02/20	Material key added
B	20/02/20	Updated for planning draft
A	04/11/19	First issue

Revisions

HM
CLH
GL
CLH
GL



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Notes

Do not scale from this drawing.

All dimensions are to be checked prior to construction and any discrepancies are to be identified to the Architect.

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KEY

- 01. Existing curtain wall refurbished - new film to spandrel panels to match existing
- 02. Existing windows refurbished - damaged units replaced to match existing
- 03. Existing brickwork
- 04. Existing low level cladding
- 05. Existing glazed curtain wall - clear
- 06. Existing windows replaced with new to match
- 07. Existing glass louvres
- 08. Window opening to match existing adjacent window
- 09. Glass louvres to match existing
- 10. Metal louvres - dark grey
- 11. Glazed capped curtain wall and entrance door - clear with dark grey frame
- 12. Glazed capped curtain wall - clear
- 13. Glazed retractable roof - clear
- 14. Glazed capless curtain wall - clear
- 15. Glazed capless curtain wall - opaque
- 16. Frameless glazed balustrade - top section clear, bottom section opaque
- 17. Louvre screen - light grey
- 18. Aluminium rainscreen panel - light grey
- 21. Brick tiles - stretcher bond, dark grey blue
- 22. Brick tiles - stacked bond, grey
- 23. Capped glazed curtain wall - clear
- 24. Glass balustrade with handrail - clear
- 25. Aluminium rainscreen panel - black grey
- 26. Louvred screen - light grey
- 27. Metal expanded mesh screen - dark grey
- 28. Frameless glass balustrade - clear
- 29. Glazed framed doors - clear
- 30. Metal doors - dark grey
- 31. Metal louvred doors - dark grey
- 32. External metal stair - black
- 33. Back coated opaque glass / spandrel panel - light grey
- 34. Metal louvred panels - dark grey
- 41. Bricks - stretcher bond, blue grey
- 42. Blackened metal glazing
- 43. Textured Metal cladding - black
- 44. Capped glazed curtain wall - clear
- 45. Capped curtain wall - opaque
- 46. Louvre screen - light grey with planting over
- 47. Metal Canopy - dark grey
- 51. Prefabricated container unit with clear glazing on the front
- 52. Glazed capped curtain wall - clear
- 53. Metal rainscreen - mid grey
- 54. Proprietary metal balustrade - black grey
- 55. Metal gate - black grey
- 56. External metal stair - black grey
- 61. Existing brickwork
- 62. Existing brickwork behind the previous extension
- 63. Existing windows - clear glazing
- 64. Existing grey cladding and louvres
- 65. Existing decorative banner
- 66. Metal mesh cladding
- 67. Signage subject to separate applications

E	09/07/20	Updated for Planning	HM
D	02/04/20	Issued for review	GL
C	28/02/20	Material key added	GL
B	20/02/20	Updated for planning draft	CLH
A	04/11/19	First issue	GL

Revisions

Status

INFORMATION

Client
Manchester Quays Ltd

Project
OGS
St John's
Manchester

Title
Proposed North Elevation
All Zones

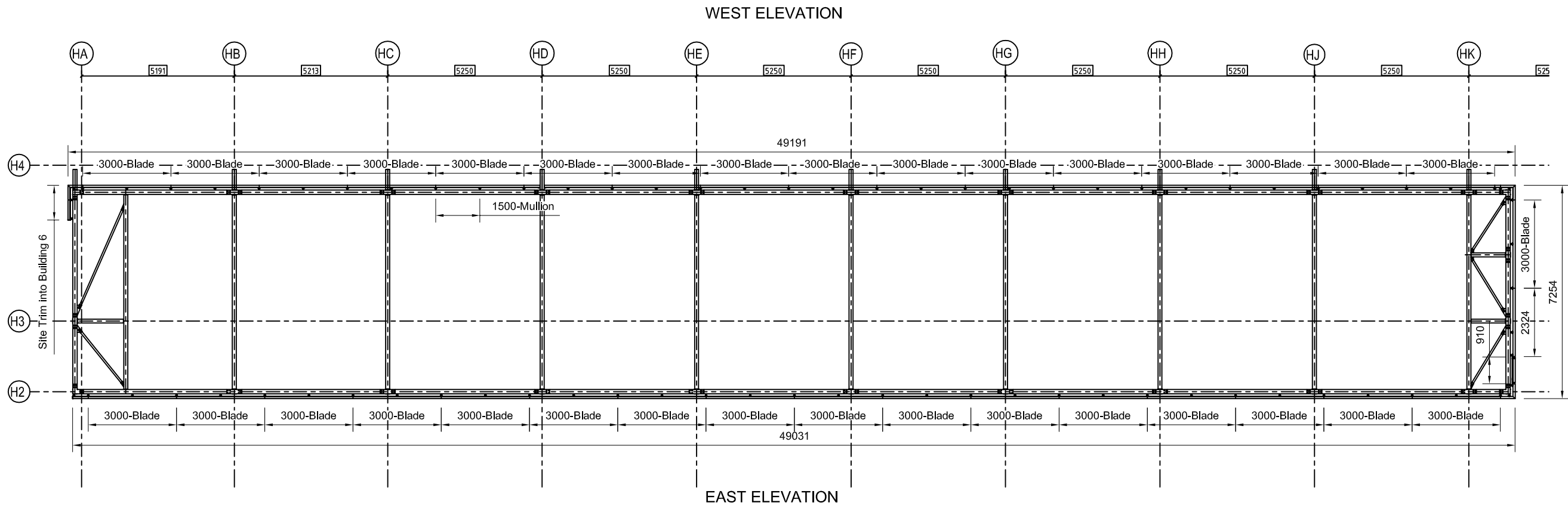
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3D
REID

Drawing No.	Rev.
180146-3DR-Z0-SE-DR-D133	E

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E			
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B			
A	04/04/22	Abseil Stubs Added Details Updated	EJD
Rev.	Date	Description	Initials



AL-13 Limited.
15 Ravenhead Business Park,
Ravenhead Road, St. Helens,
WA10 3DB

Telephone: 01744 732 788

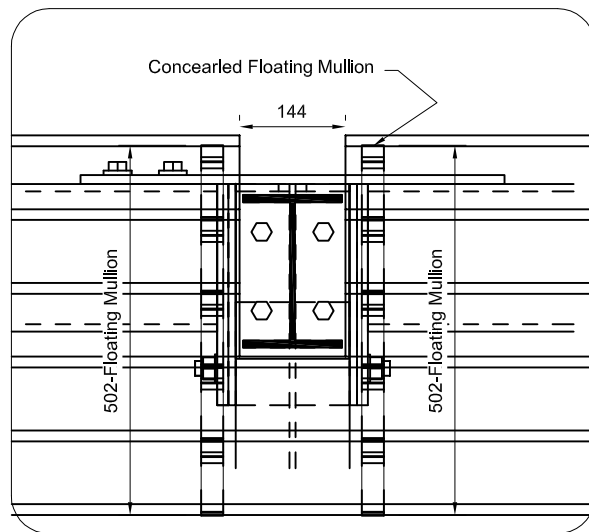
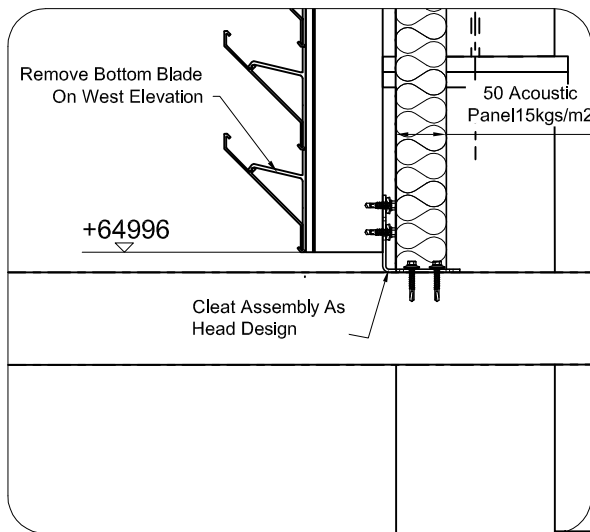
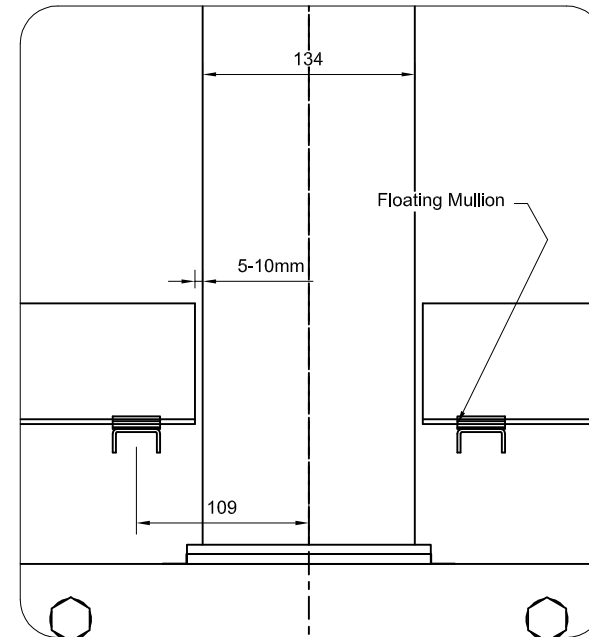
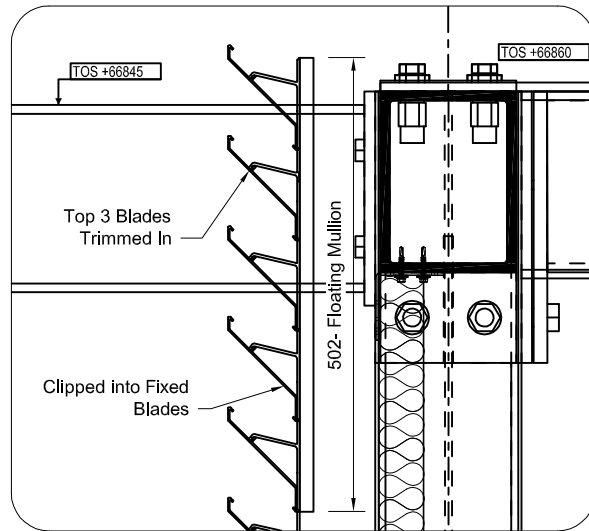
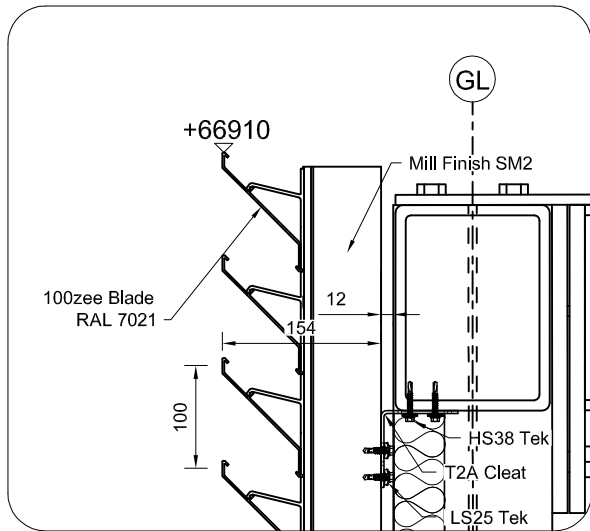
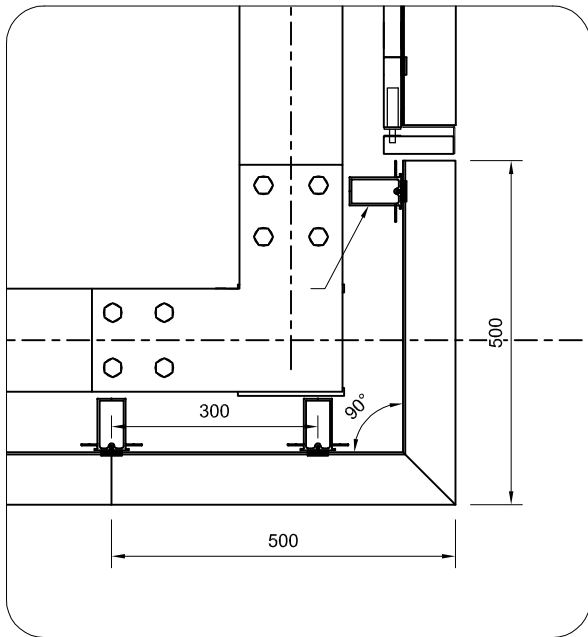
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OGS Zone 5
Contract Number: C7123
Client: ARJ Construction
Site Address: HQ Building Atherton Street Manchester M3 3GS

Drawing Title: Plant Screen

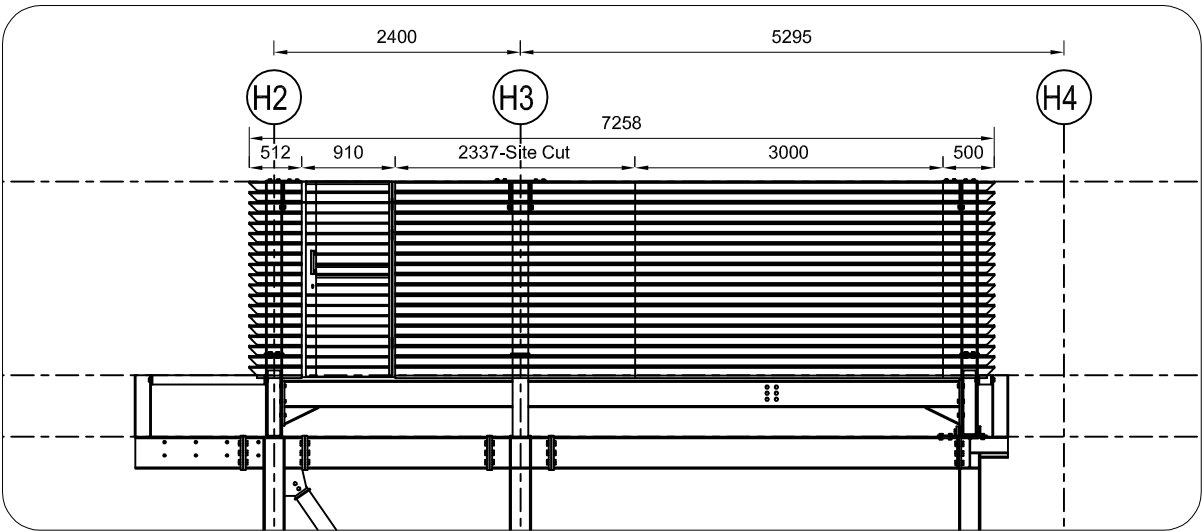
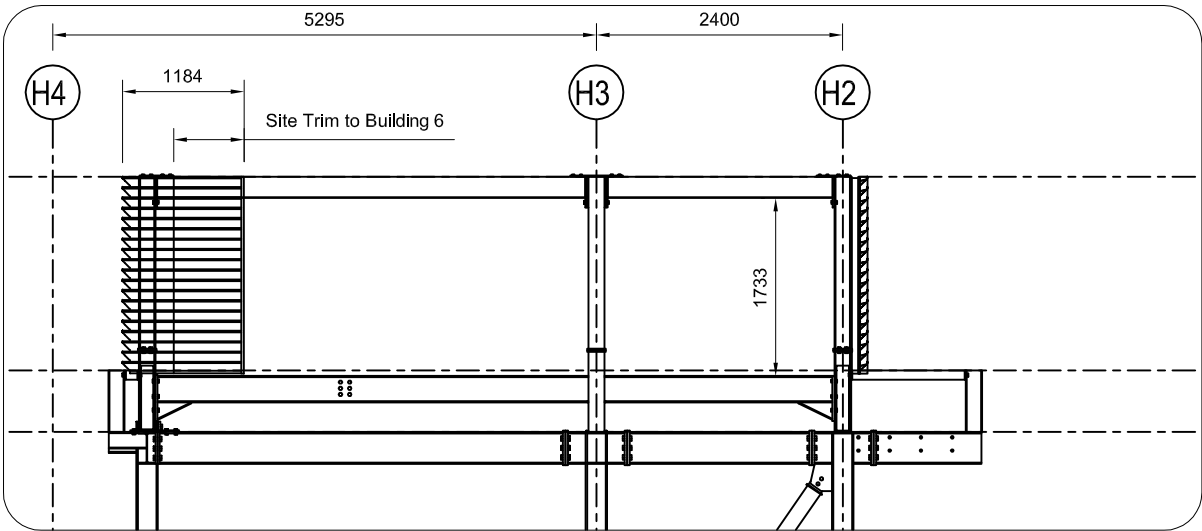
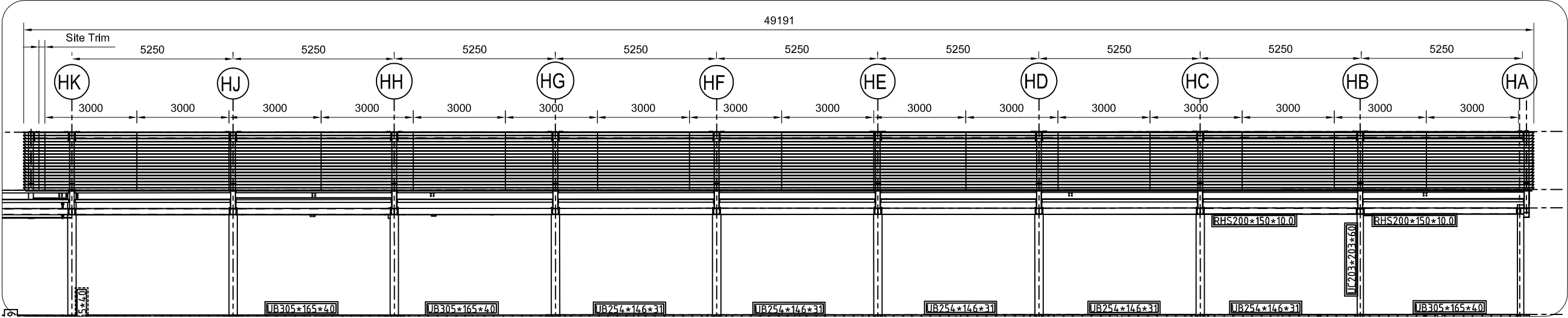
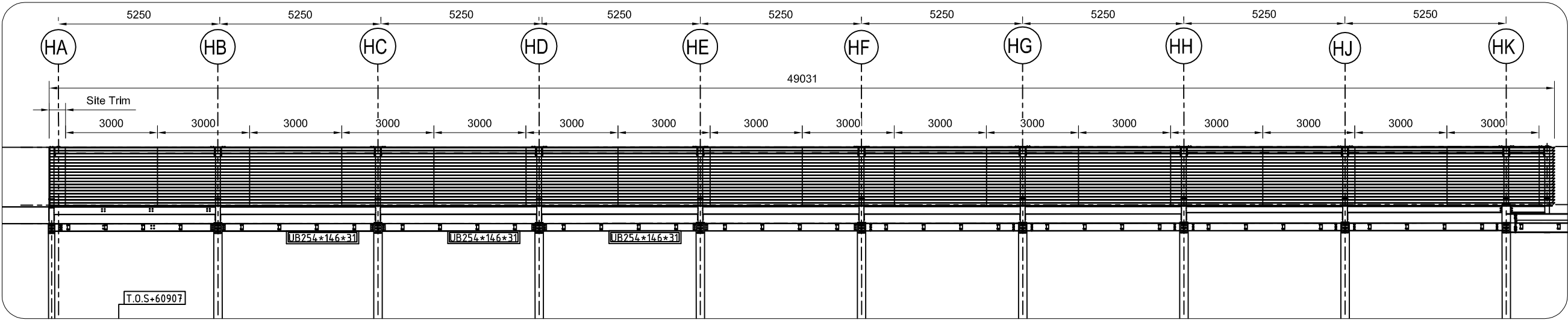
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Date: 18/03/22	Scale @ A3: NTS
Drawn: EJD	Checked: --

Drawing Status: Approval	
Drawing Number: C7123-LV-001	Rev: A



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A	04/04/22	Comments Incorporated	EJD
Rev.	Date	Description	Initials



AL-13 Limited.
15 Ravenhead Business Park,
Ravenhead Road, St. Helens,
WA10 3DB

Telephone: 01744 732 788

Project:
OGS
Zone 5

Contract Number:
C7123

Client:
ARJ Construction

Site Address:
HQ Building
Atherton Street
Manchester
M3 3GS

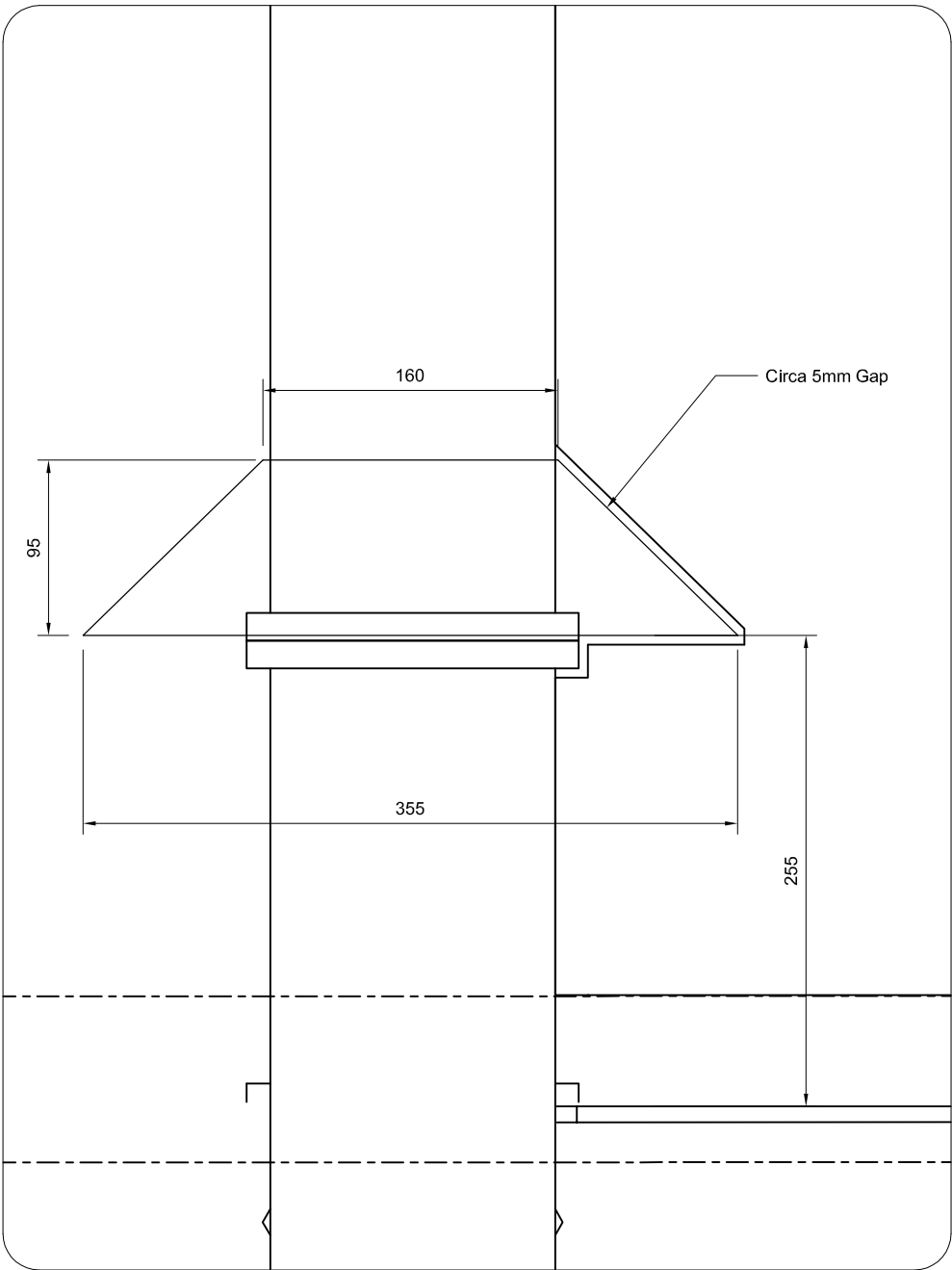
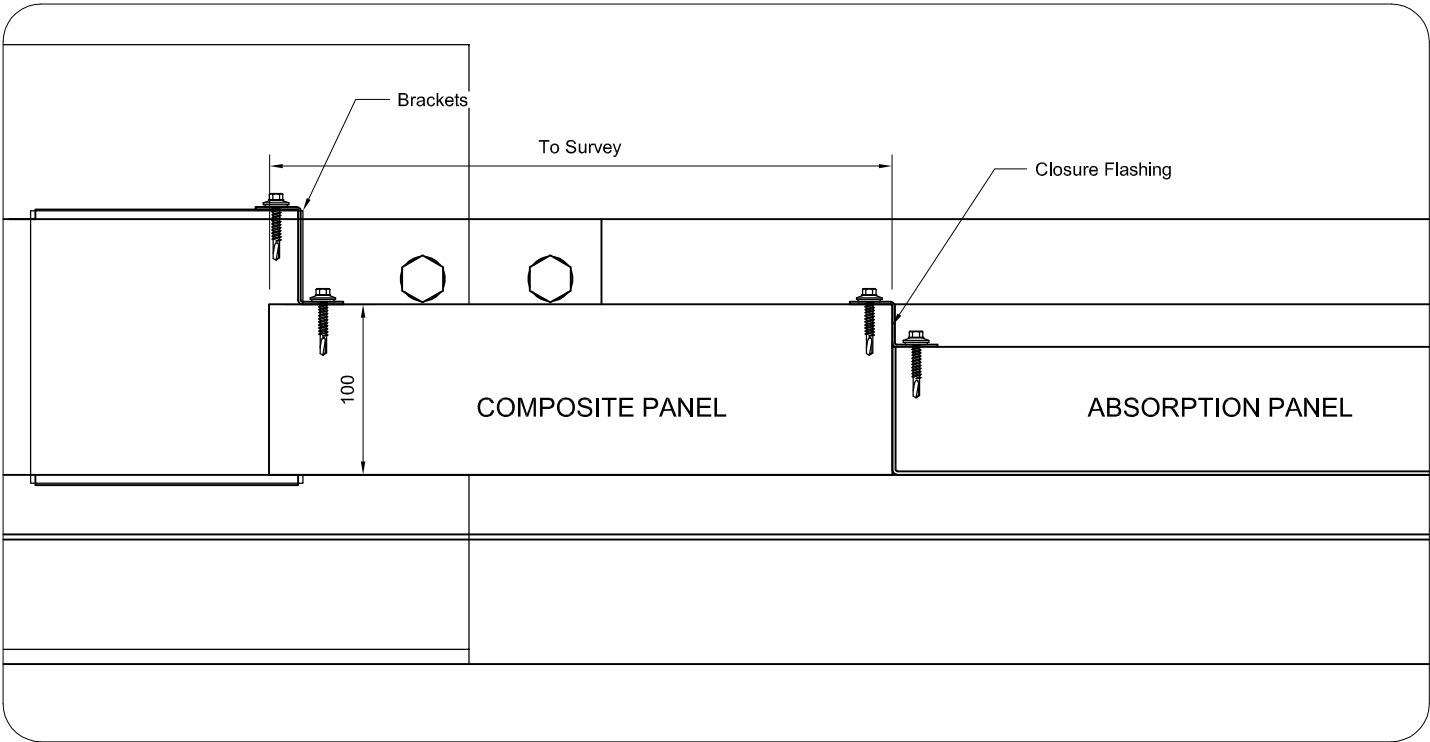
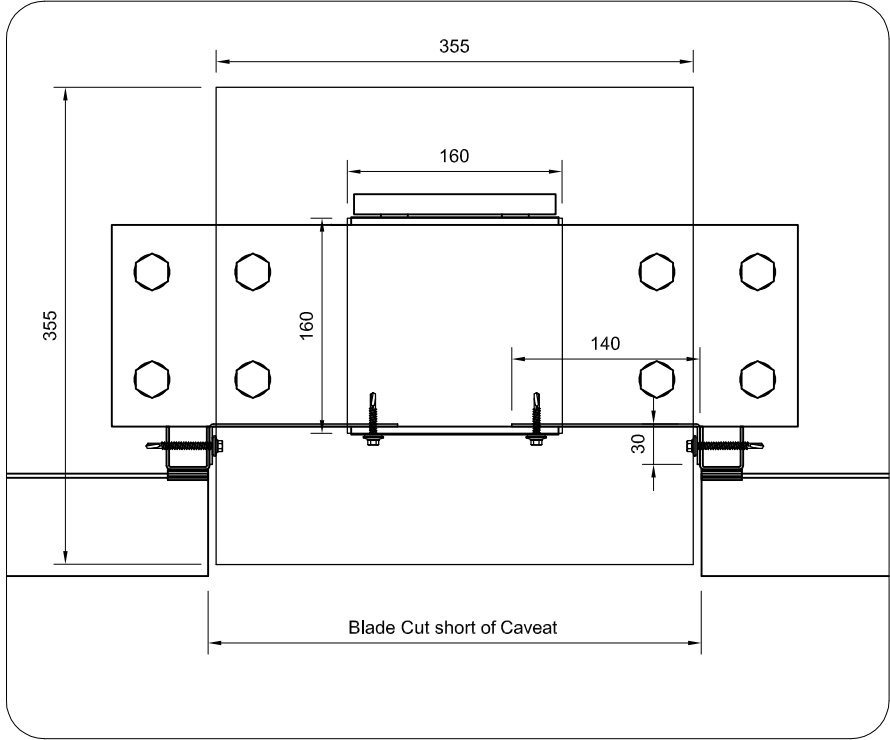
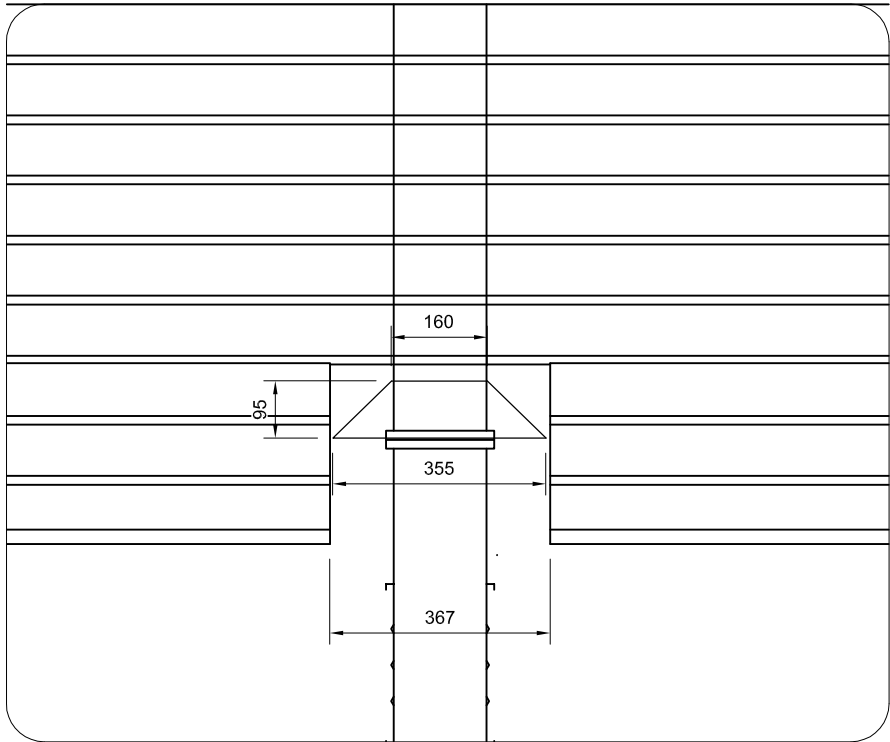
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Plant Screen
Elevations

Finish:	Colour:
PPC	7021

Date:	Scale @ A3:
18/03/22	NTS
Drawn:	Checked:
EJD	--

Drawing Status: Approval	
Drawing Number: C7123-LV-002	Rev: A

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Rev.	Date	Description	Initials



AL-13 Limited.
15 Ravenhead Business Park,
Ravenhead Road, St. Helens,
WA10 3DB

Telephone: 01744 732 788

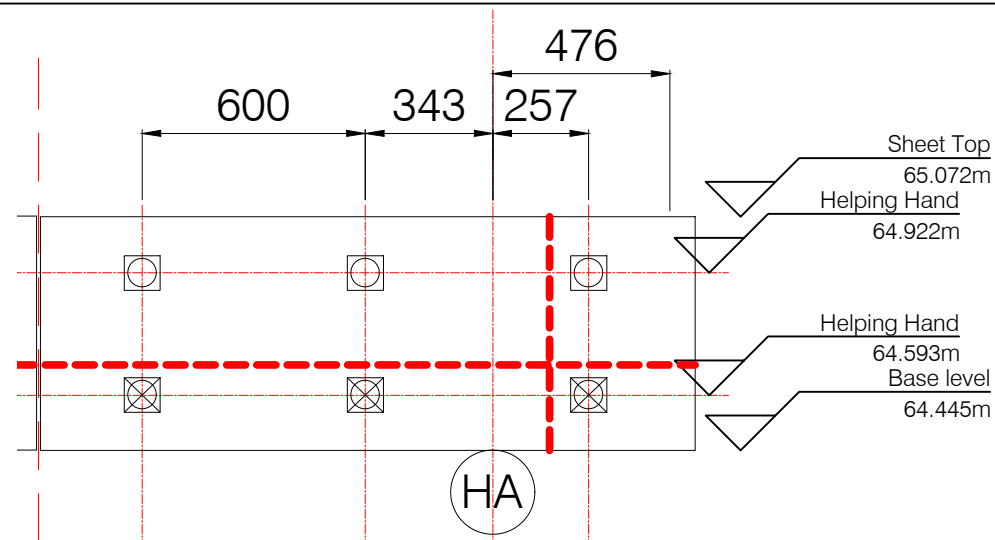
Project:
OGS Zone 5
Contract Number:
C7123
Client:
ARJ Construction
Site Address:
HQ Building Atherton Street Manchester M3 3GS

Drawing Title:
Screen Modifications
-

Finish:	Colour:
PPC	7021

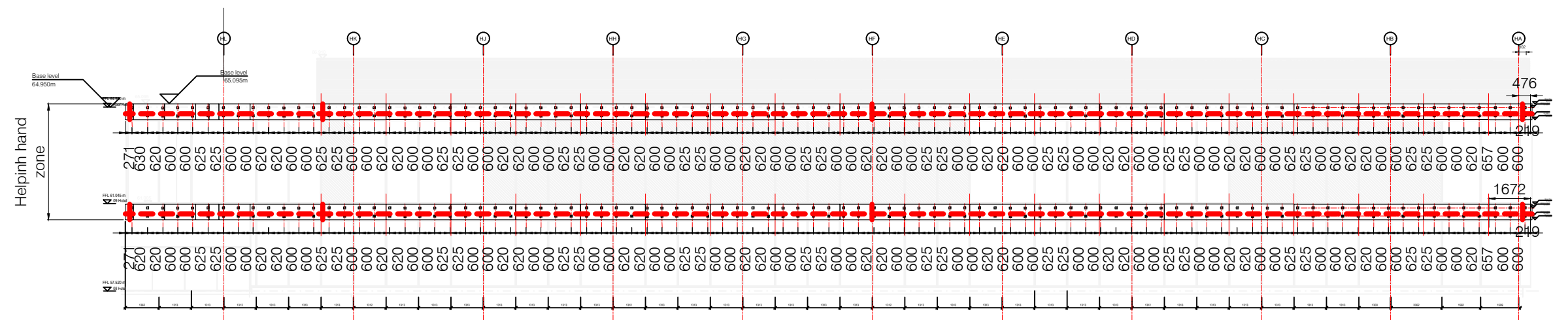
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Drawn:	Checked:
EJD	--

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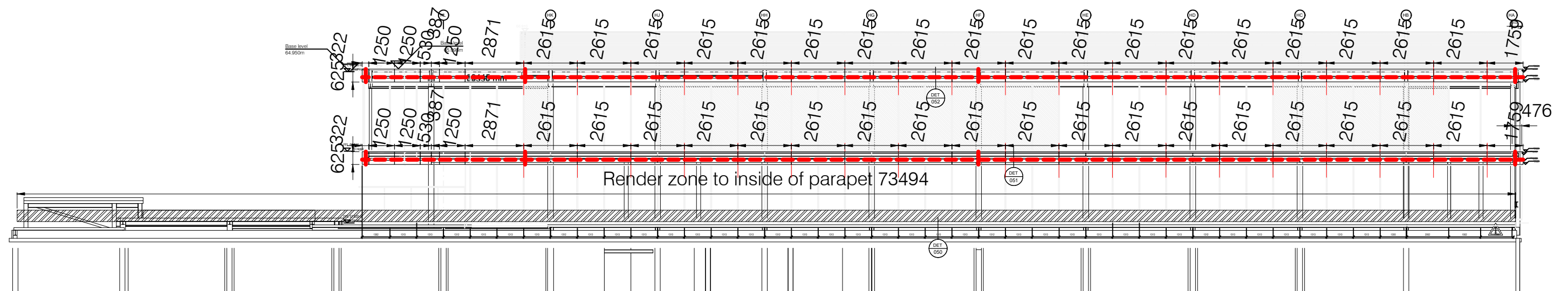


Enlarged set out for helping hands

----- Fire Barrier



West Elevation on Helping hand and SFS extents



West Elevation on Ceramapanel and Render extents



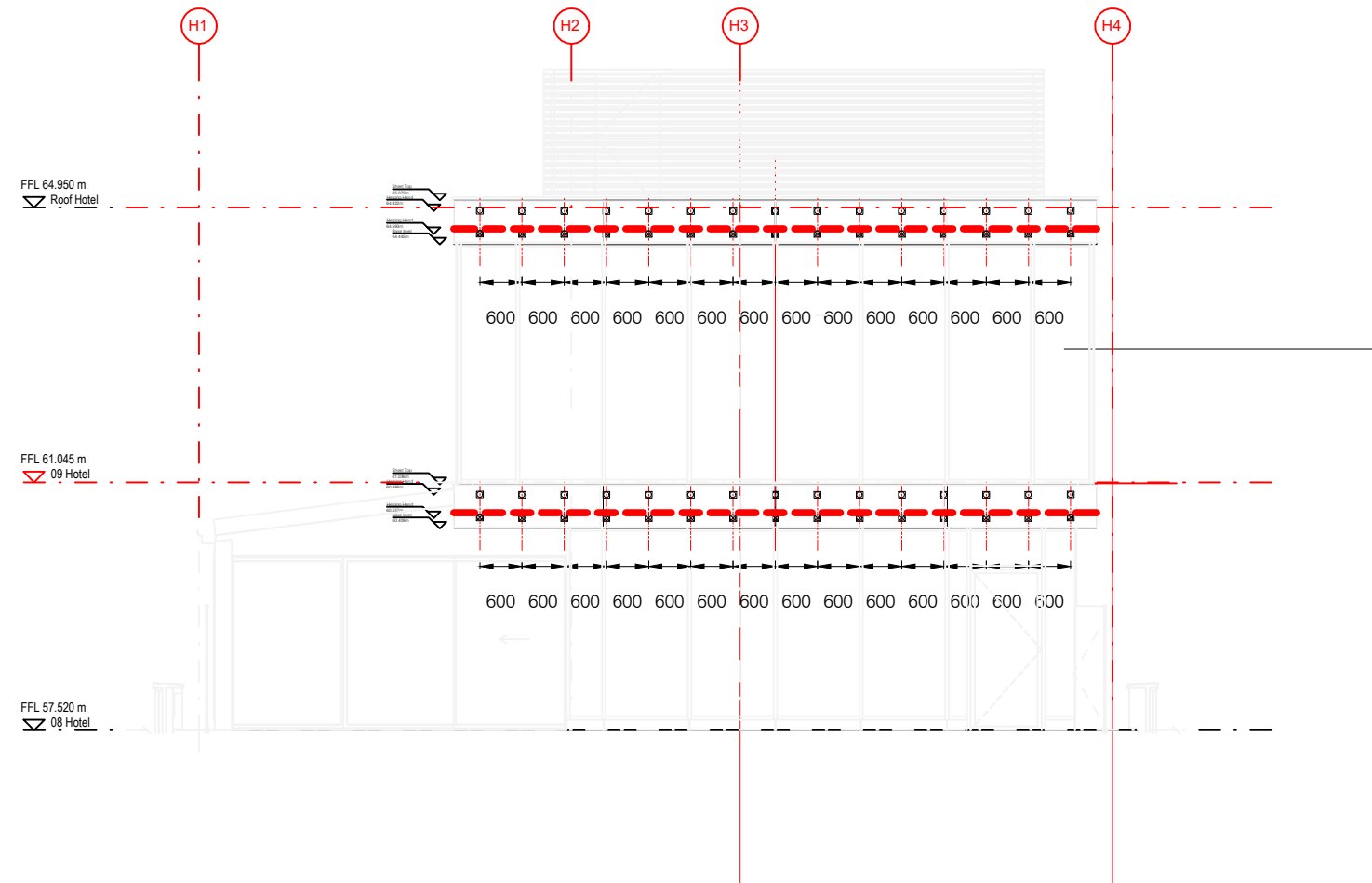
Stoneguard Projects Ltd
Unit 46 Hallmark Trading Centre
Forth Way
Wembley
HA9 0LB
Tel: +44(0) 20 8902 7870
E: sales@stoneguard.co.uk

REVISIONS
P02 - SFS removed
Joints aligned with the soffit, main run to utilise full board lengths
P03 - Joints aligned with the mullions
P04 - Fire barrier added

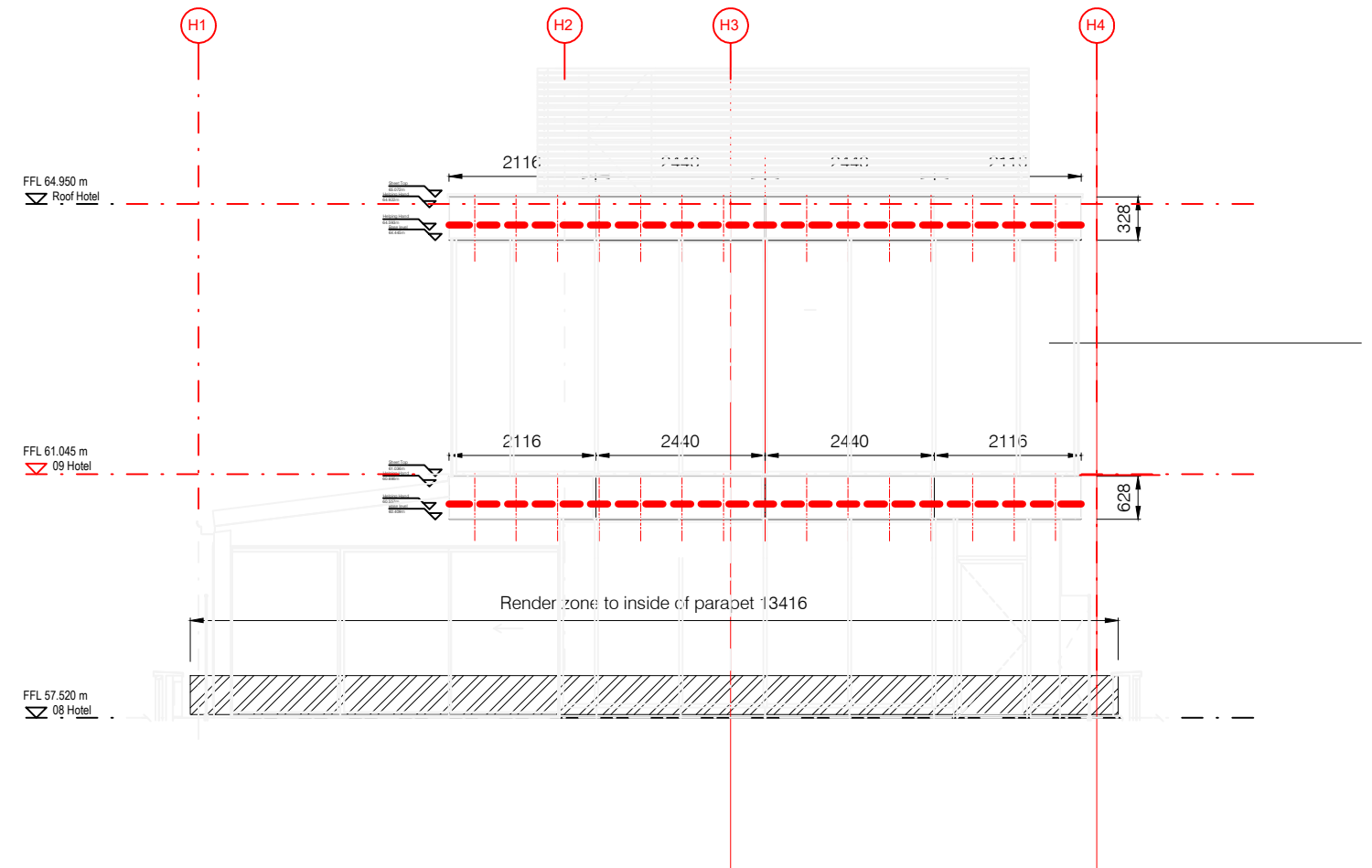
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PROJECT NAME: Mollies OGS Manchester			
DRAWING TITLE: West elevation Zone 5			DRAWING No.
CUSTOMER NAME: ARJ			Z5-GA 036
SCALE: 1:50	SHEET SIZE: A3	DATE: January 2022	REVISION: - P04
ALL DIMENSIONS ARE IN MILLIMETRES		DRAWN BY: SM	CHECKED BY: DM
STATUS: Approval			

----- Fire Barrier



North Elevation on Helping hand extents



North Elevation Ceramapanel and render extents



Stoneguard Projects Ltd
Unit 46 Hallmark Trading Centre
Forth Way
Wembley HA9 0LB
Tel: +44(0) 20 8902 7870
E: sales@stoneguard.co.uk

REVISIONS
P02 - Fire barrier added

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PROJECT NAME: Mollies OGS Manchester				
DRAWING TITLE:North elevation Zone 5			DRAWING No. Z5-GA 038	
CUSTOMER NAME: ARJ				
SCALE: 1:50	SHEET SIZE: A3	DATE: January 2022		REVISION: - P02
ALL DIMENSIONS ARE IN MILLIMETRES		DRAWN BY: SM	CHECKED BY: DM	STATUS: Approval