ICON 1 - PROPOSED PV AREAS (SHADED BLUE)

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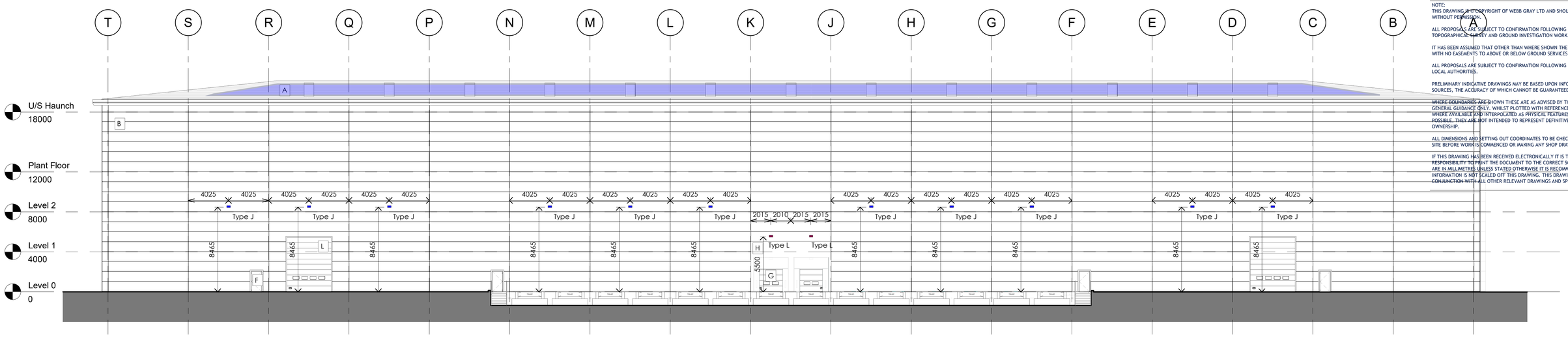
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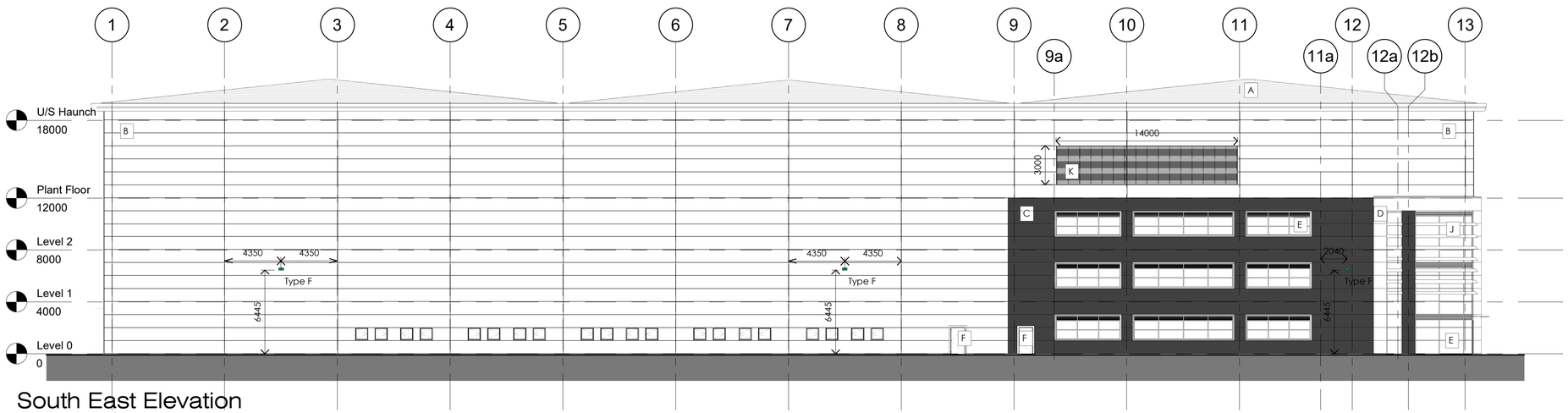
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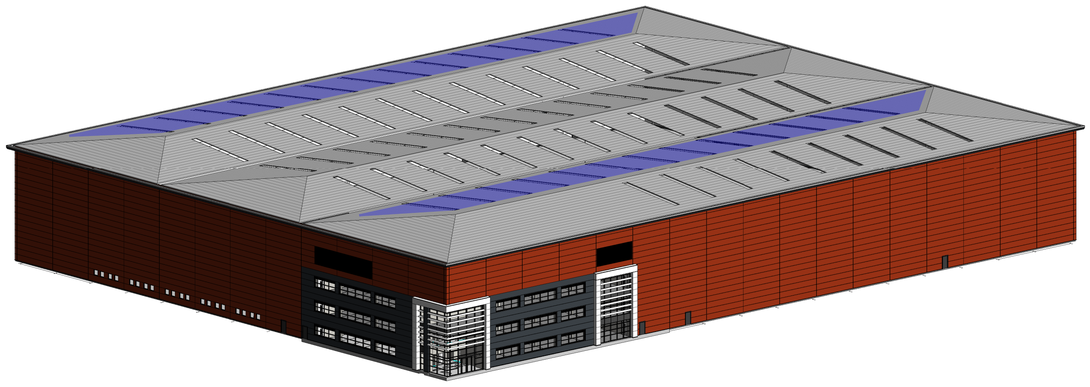
South West Elevation
1 : 200



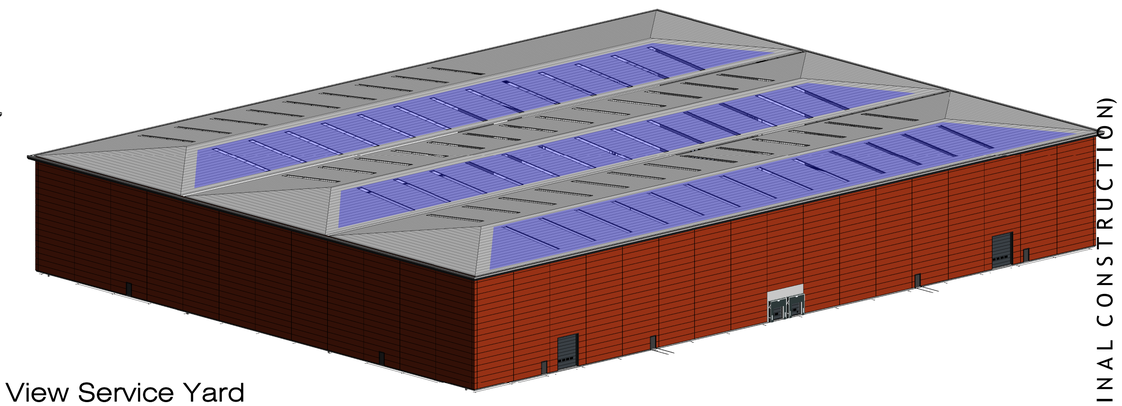
South East Elevation
1 : 200

Schedule of Building Materials

- A — Roof Construction: KS RW1000 Trapezoidal profile composite roof sheets or built up system. Colour: Goosewing Grey with white Internal Liner
- B — Wall Construction: Kingspan 80mm Horizontally laid mircorib composite wall cladding Panels Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels. Colour: Kingspan XL Forte: Copper Beech RAL - 040 40 40 (BS 04C39)
- C — Wall Construction: Kingspan 80mm Horizontally laid Flat composite wall cladding Panels. Colour: Kingspan XL Forte: Anthracite RAL 7016
- D — Wall Construction (Goal Post): Kingspan KS1000 FL Flat 80mm preformed horizontal laid composite cladding panels. Colour: Kingspan XL Forte: White RAL 9003
- E — Polyester powder coated Aluminium capped curtain walling / window system. With PPC aluminium Brise soleil Louvers as part of the system. Colour Frame: Anthracite RAL 7016 Colour Glass Spandrel Panel to floor zones: To match glass Colour Brise Soleil: Anthracite RAL 7016
- F — Steel door set Colour: Anthracite RAL 7016
- G — Steel faced composite sectional overhead dock door & shelter. Colour: Anthracite RAL 7016
- H — Insulated Precast concrete Prowall System to dock area
- J — Integral PPC aluminium elliptical blade brise soleil louvers as part of curtain walling system. Colour: White
- K — Lourve for M&E ventilation. Colour: To match cladding within it sits
- L — Steel faced composite sectional overhead door. Colour: Anthracite RAL 7016



View Office



View Service Yard

ICON 1 SOUTH EAST & SOUTH WEST ELEVATIONS
PROPOSED SOLAR PANEL LOCATIONS IN BLUE
EXACT PANEL CONFIGURATION?COVERAGE ON NEXT PAGE

Revision:	Description:	By:	Date:
D	Moved to As Built (Final Construction Issue)	LJM	22-09-20
C	Additional Louvre added and existing lourve increased.	LJM	04-02-20
B	Building lighting types & setout added. Moved to construction Status.	LJM	06-01-20
A	Updated in line with CL 01	LJM	27-06-19

Client:

Project:
ICON, MANCHESTER AIRPORT

TH

Drawing Title:
Icon 1 (SE & SW)

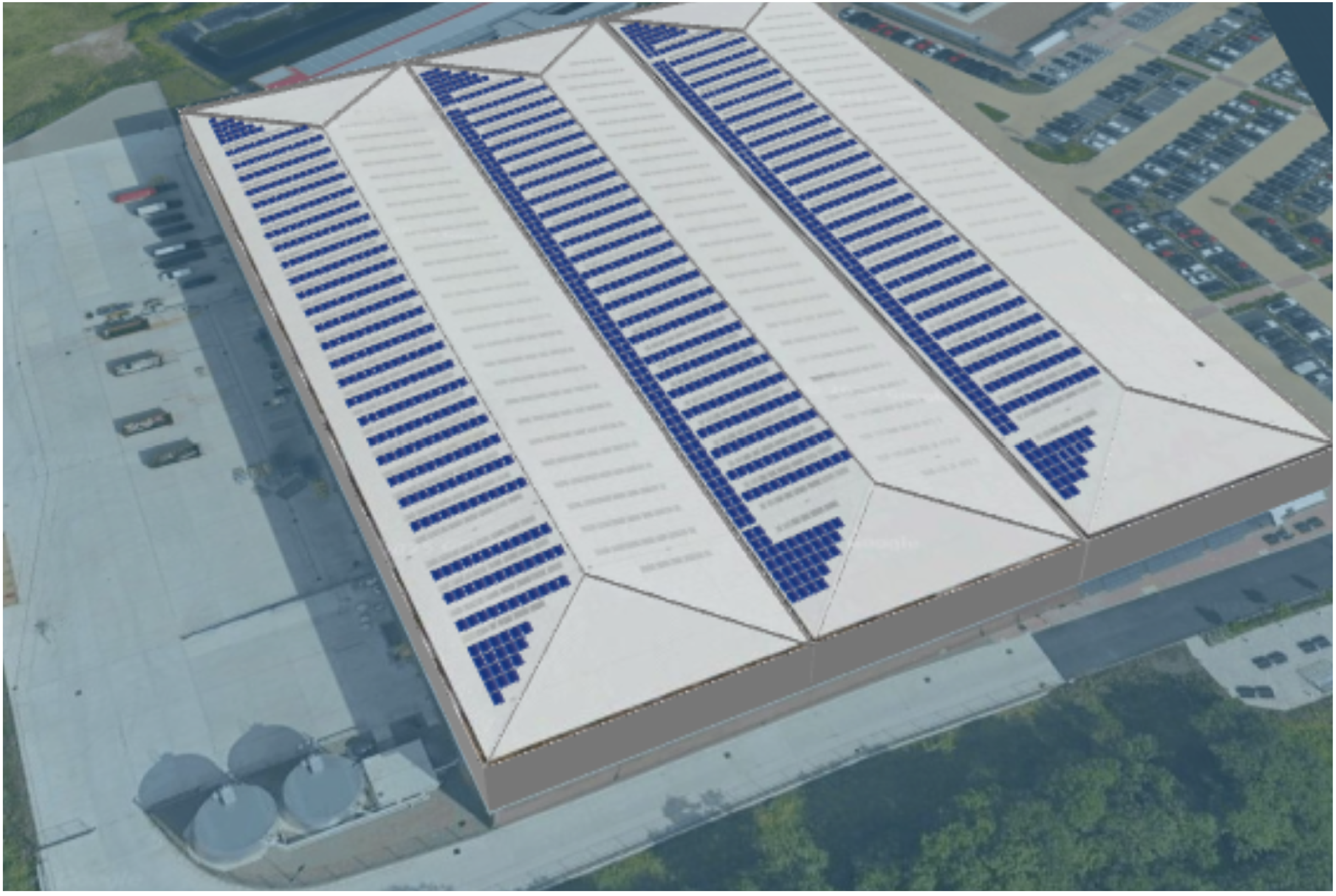
AS BUILT (FINAL CONSTRUCTION)

webbgray
Webb Gray Ltd
Chartered Architects
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e: architecture@webbgray.co.uk
w: www.webbgray.co.uk

Scale @ A1:	Date:	Drafted:	Checked:
As indicated	OCT 18	LJM	SJB

Job No:	Drawing No:	Revision:
8529	C-207	D

ICON 1 SOLAR PV LAYOUT



ICON 2 - PROPOSED PV AREAS IN BLUE (NORTH ELEVATIONS)

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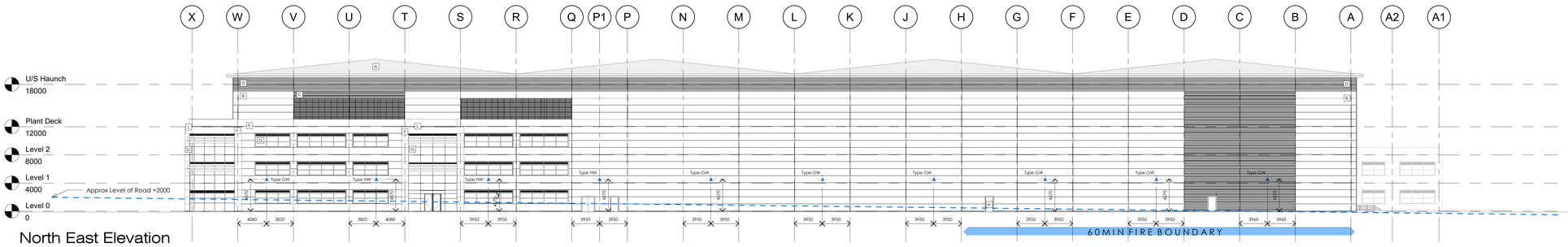
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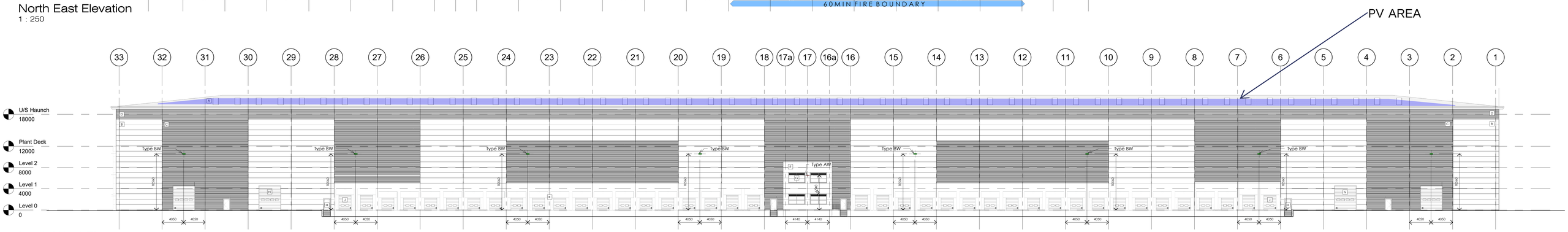
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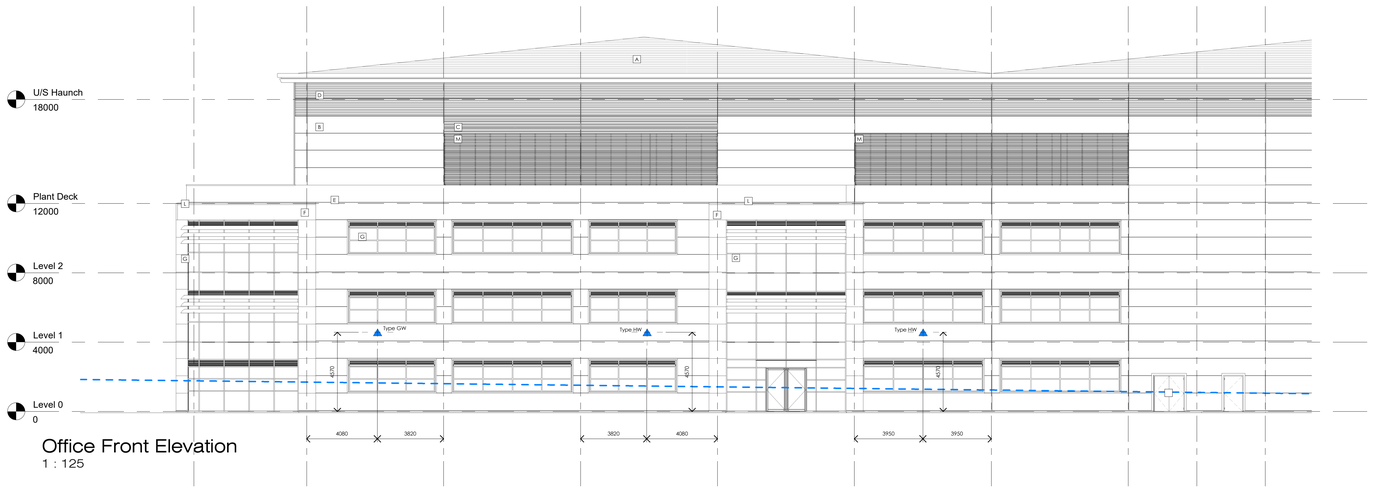
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North East Elevation
1 : 250



North West Elevation
1 : 250



Office Front Elevation
1 : 125

Schedule of Building Materials

A Roof Construction: KS RW1000 Trapezoidal profile composite roof sheets or built up system. To achieve a minimum U value of 0.18 W/m²K.
Colour: Goosewing Grey with white Internal Liner

B Wall Construction: Kingspan 80mm Horizontally laid mircorib composite wall cladding Panels achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: White RAL 9003

C Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Louvre) achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: Obsidian RAL 9007

D Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Curvewall) achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: Silver RAL 9006

E Wall Construction: Kingspan 80mm Horizontally laid Flat composite wall cladding Panels achieve a minimum U value of 0.26 W/m²K.
Colour: Kingspan XL Forte: Anthracite RAL 7016

F Wall Construction (Goal Post): Kingspan KS1000 FL Flat 80mm preformed horizontal laid composite cladding panels to achieve a minimum U value of 0.26 W/m²K.
Colour: Kingspan XL Forte: White RAL 9003

G Polyester powder coated Aluminium capped curtain walling / window system. With PPC aluminium Brise soleil Louvers as part of the system.
Colour Frame: Anthracite RAL 7016
Colour Glass: Neutral in rendition
Colour Glass Spandrel Panel to floor zones: To match glass
Colour Brise Soleil: Anthracite RAL 7016

H Steel door set
Colour: Anthracite RAL 7016

J Steel faced composite sectional overhead dock door & shelter.
Colour: Anthracite RAL 7016

K Insulated Precast concrete Prowall System to dock area

L Integral PPC aluminium elliptical blade brise soleil louvers as part of curtain walling system.
Colour: White

M Lourve for M&E ventilation.
Colour: To match cladding within it sits

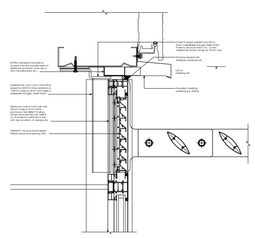
N Steel faced composite sectional overhead door.
Colour: Anthracite RAL 7016



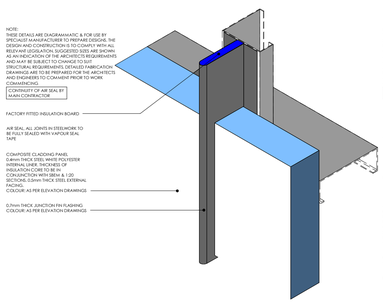
Aerofoil fins to Curtain Walling



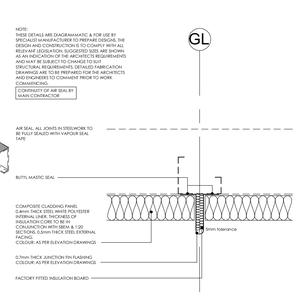
PLOT 318 (Amazon Unit) Cladding Profile & Colour example



Brise Soleil above Windows Detail
1 : 7



FIN JOINT DETAIL
EACH GRIDLINE



FIN JOINT DETAIL
EACH GRIDLINE

AS BUILT (FINAL CONSTRUCTION ISSUE)

Revision:	Description:	By:	Date:
D	As built Final construction issue	JT	15-04-21
C	Setout of Building Light fittings added.	LJM	18-11-20
B	Cladding updated as per VR 026	LJM	15-10-20
A	Brise Soleil Removed from bottom band for CDM	LJM	16-09-20

Client: winvic

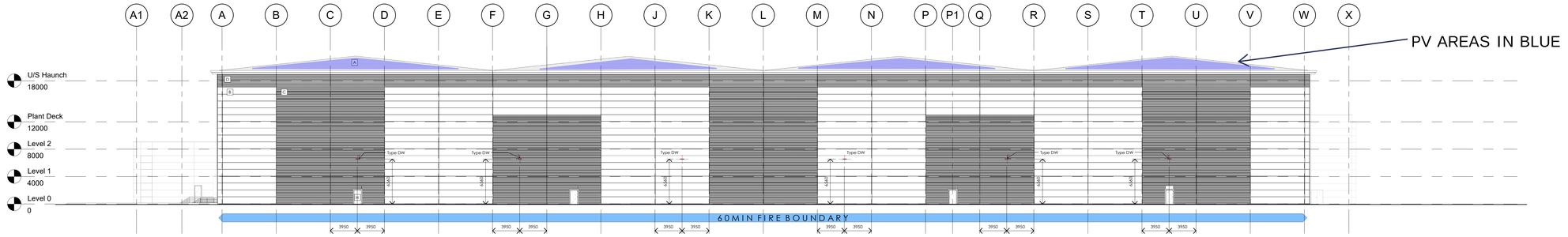
Project:
ICON, MANCHESTER AIRPORT
THG IDEAS WITH MOMENTUM®

Drawing Title:
Proposed Elevations Sheet 1

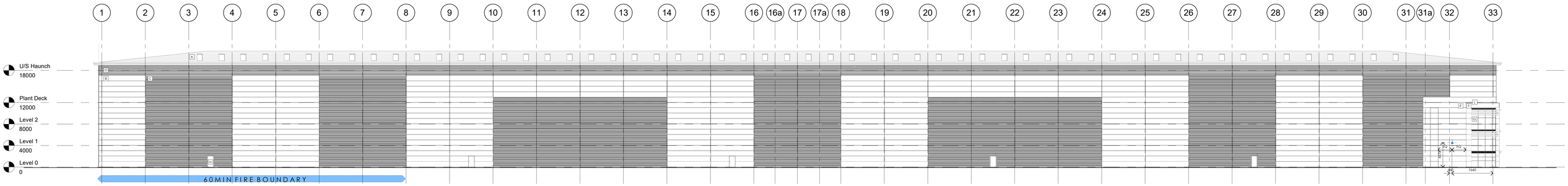
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w: www.webbgray.co.uk

Scale @ A0:	Date:	Drafted:	Checked:
As Indicated	JUN 20	LJM	SJB

Job No:	Drawing No:	Revision:
8570	C-106	D

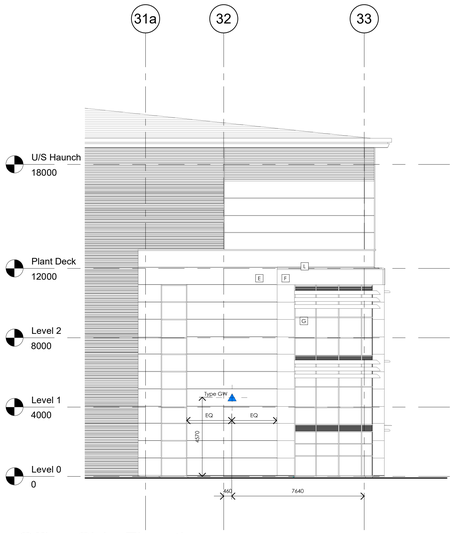


South West Elevation
1 : 250



South East Elevation
1 : 250

ICON 2 - PROPOSED PV AREAS IN BLUE (SOUTH ELEVATIONS)



Office Side Elevation
1 : 125



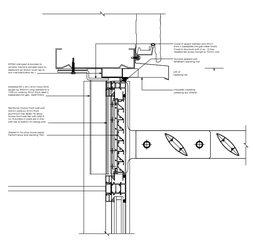
Office 3D View



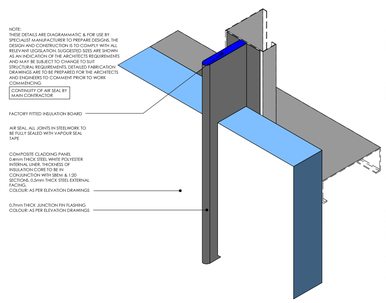
Aerofoil fins to Curtain Walling



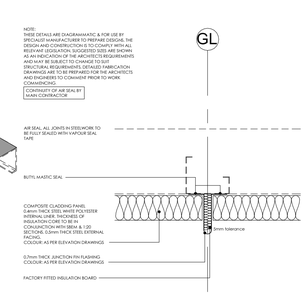
PLOT 318 (Amazon Unit) Cladding Profile & Colour example



Brise Soleil above Windows Detail
1 : 7



FIN JOINT DETAIL
EACH GRIDLINE



FIN JOINT DETAIL
EACH GRIDLINE

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Schedule of Building Materials

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Colour: Goosewing Grey with white Internal Liner

B Wall Construction: Kingspan 80mm Horizontally laid mircorib composite wall cladding Panels achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: White RAL 9003

C Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Louvre) achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: Obsidian RAL 9007

D Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Curvewall) achieve a minimum U value of 0.26 W/m²K. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: Silver RAL 9006

E Wall Construction: Kingspan 80mm Horizontally laid Flat composite wall cladding Panels achieve a minimum U value of 0.26 W/m²K.
Colour: Kingspan XL Forte: Anthracite RAL 7016

F Wall Construction (Goal Post): Kingspan KS1000 FL Flat 80mm preformed horizontal laid composite cladding panels to achieve a minimum U value of 0.26 W/m²K.
Colour: Kingspan XL Forte: White RAL 9003

G Polyester powder coated Aluminium capped curtain walling / window system. With PPC aluminium Brise soleil Louvers as part of the system.
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J Steel faced composite sectional overhead dock door & shelter.
Colour: Anthracite RAL 7016

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Colour: White

M Louvre for M&E ventilation.
Colour: To match cladding within it sits

N Steel faced composite sectional overhead door.
Colour: Anthracite RAL 7016

AS BUILT (FINAL CONSTRUCTION ISSUE)

Revision:	Description:	By:	Date:
C	As built Final construction issue	JT	15-04-21
B	Setout of Building Light fittings added.	LJM	18-11-20
A	Brise Soleil Removed from bottom band for CDM. Fire Boundary amended to suit contractors comments.	LJM	16-09-20

Client: winvic

Project:
ICON, MANCHESTER AIRPORT
THG IDEAS WITH MOMENTUM®

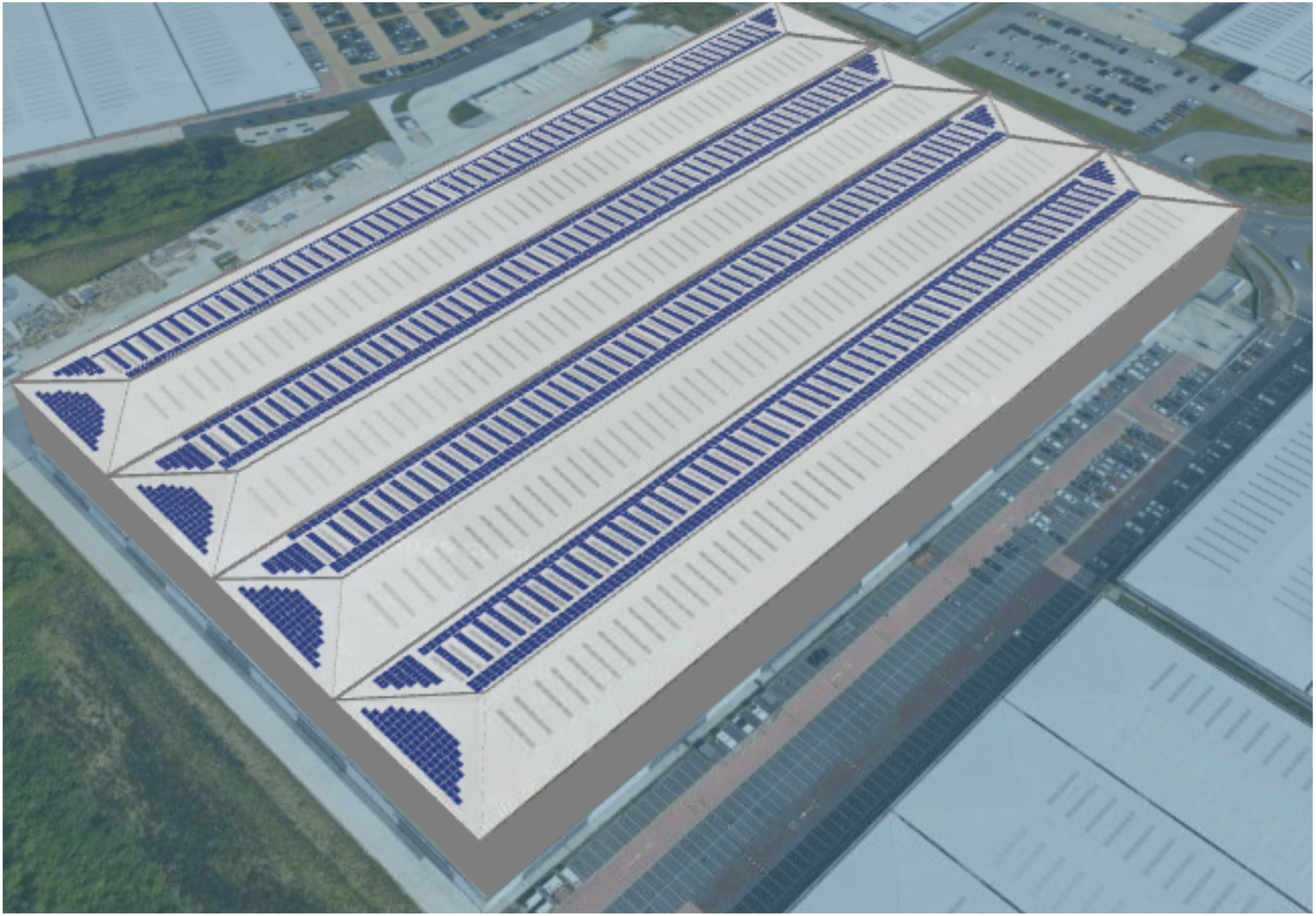
Drawing Title:
Proposed Elevations Sheet 2

webbgray
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Scale @ A0:	Date:	Drafted:	Checked:
As indicated	JUN 20	LJM	SJB

Job No:	Drawing No:	Revision:
8570	C-107	C

ICON 2 SOLAR PV LAYOUT



ICON 3 - SOLAR PANEL AREAS IN BLUE

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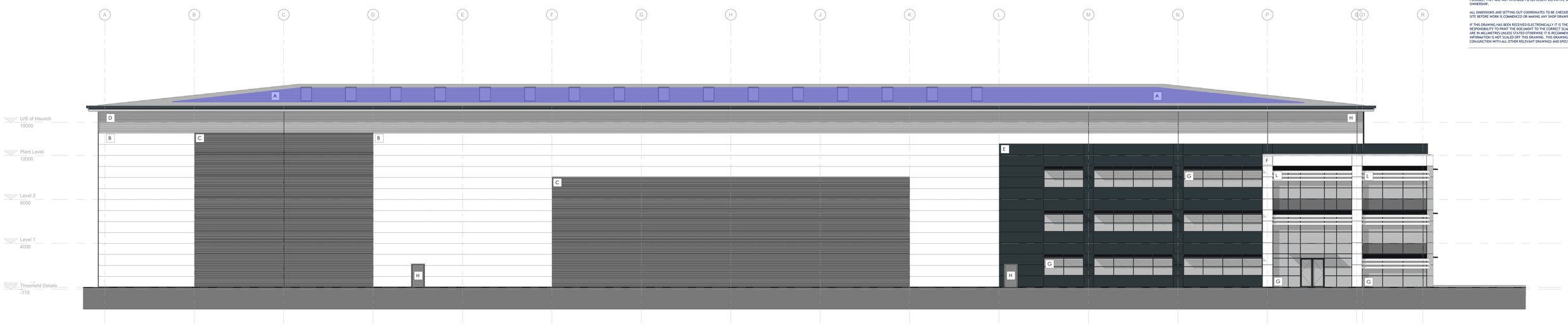
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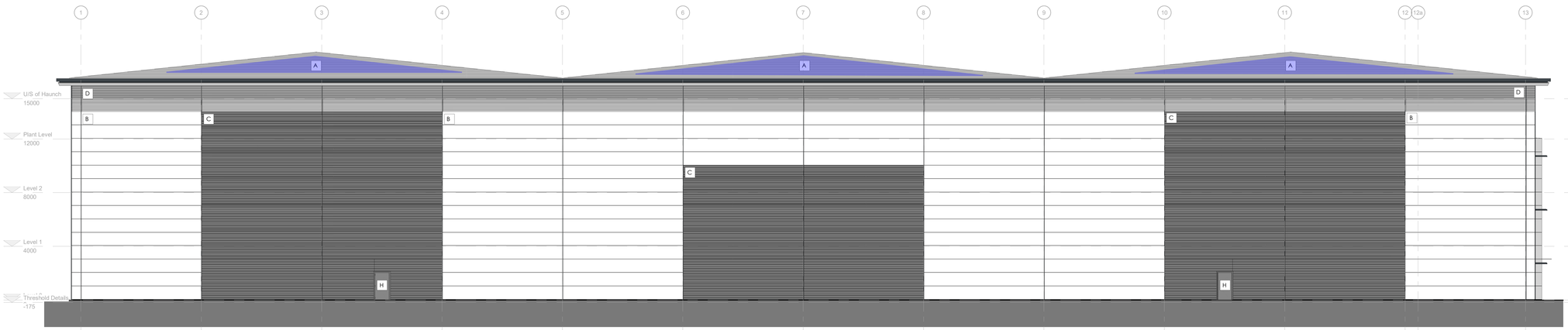
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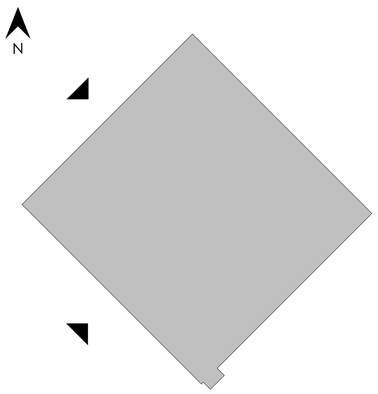
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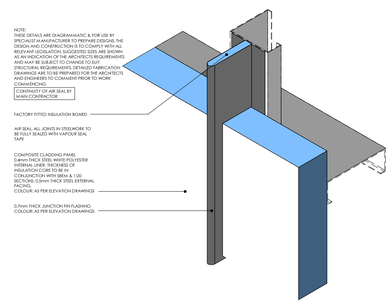
South West Elevation
1 : 125



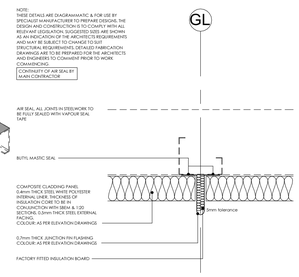
North West Elevation
1 : 125



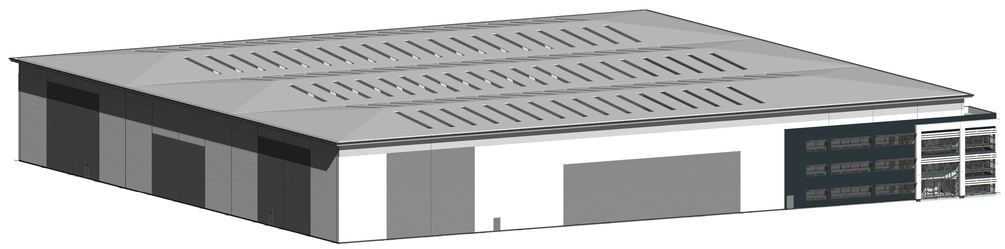
Key Plan
1 : 1000



FIN JOINT DETAIL
EACH GRIDLINE



FIN JOINT DETAIL
EACH GRIDLINE



Schedule of Building Materials

A — Roof Construction: KS RW1000 Trapezoidal profile composite roof sheets or built up system.
Colour: Goosewing Grey with white Internal Liner

B — Wall Construction: Kingspan 80mm Horizontally laid mircarib composite wall cladding Panels Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels.
Colour: White RAL 9003

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Colour: Obsidian RAL 9007

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Colour: Silver RAL 9006

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F — Wall Construction (Goal Post): Kingspan KS1000 FL Flat 80mm preformed horizontal laid composite cladding panels.
Colour: Kingspan XL Forte: White RAL 9003

G — Polyester powder coated Aluminium capped curtain walling / window system. With PPC aluminium Brise soleil Louvers as part of the system.
Colour Frame: Anthracite RAL 7016
Colour Glass: Grey Tint
Colour Glass Spandrel Panel to floor zones: To match glass
Colour Brise Soleil: Anthracite RAL 7016

H — Steel door set
Colour: Anthracite RAL 7016

J — Steel faced composite sectional overhead dock door & shelter.
Colour: Anthracite RAL 7016

K — Insulated Precast concrete Prowall System to dock area

L — Integral PPC aluminium elliptical blade brise soleil louvers as part of curtain walling system.
Colour: White

M — Louvre for M&E ventilation.
Colour: To match cladding within it sits

N — Steel faced composite sectional overhead door.
Colour: Anthracite RAL 7016

P — Wall Construction: Kingspan QuadCore Trapezoidal 1000mm Wall Panel (RW).
Colour: Goosewing Grey Standard Colour RAL 080 70 05

Q — Wall Construction: Kingspan QuadCore Trapezoidal 1000mm Wall Panel (RW).
Colour: White Standard Colour RAL 9003

Revision:	Description:	By:	Date:
A	As Built Final Construction Issue	LJM	20/07/20

AS BUILT (FINAL CONSTRUCTION)

Client: winvic

Project:
Unit 3, ICON, Manchester Airport

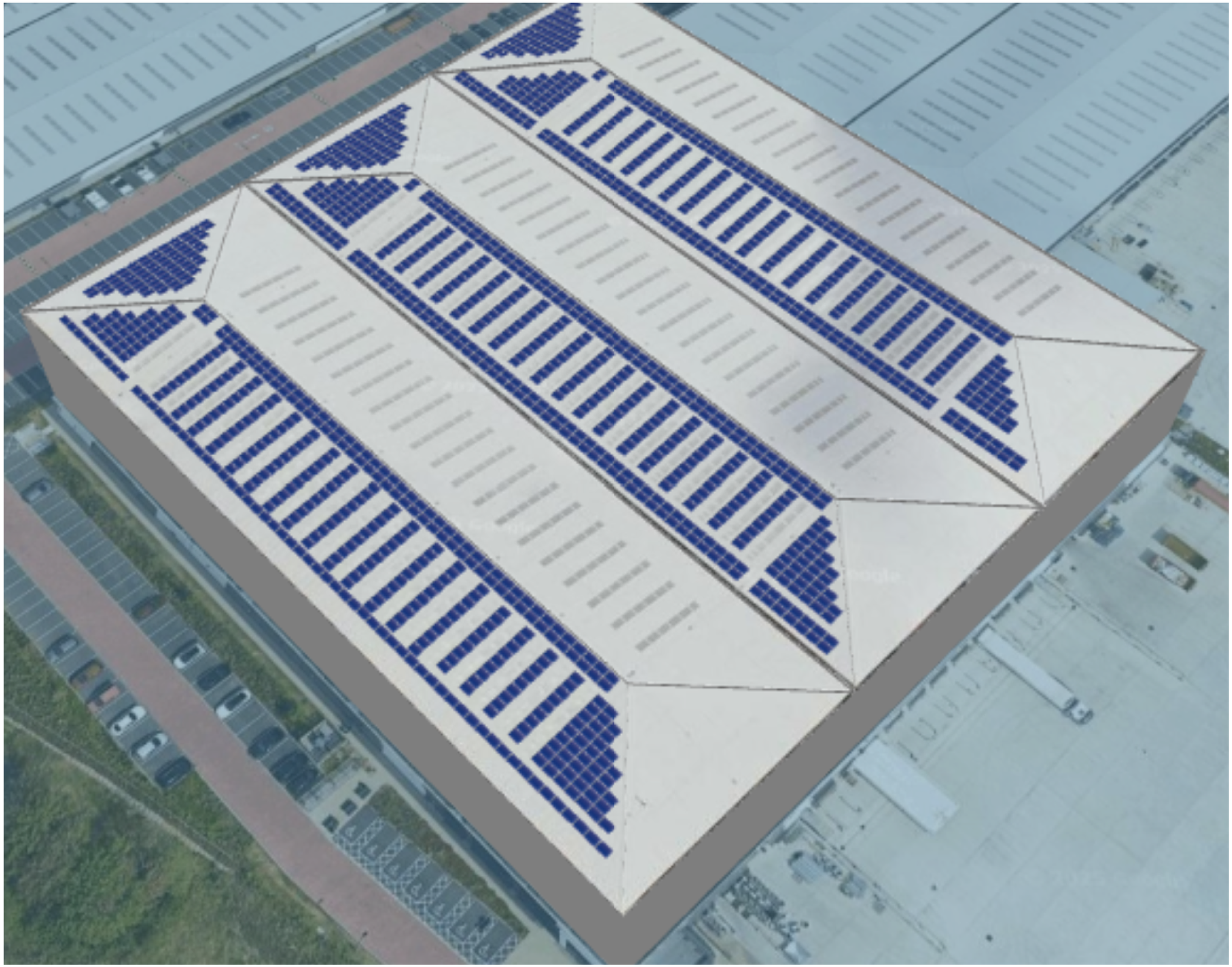
Drawing Title:
Proposed Elevation Sheet 1

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Scale @ A0:	Date:	Drafted:	Checked:
As Indicated	JAN 19	NJ	SJB

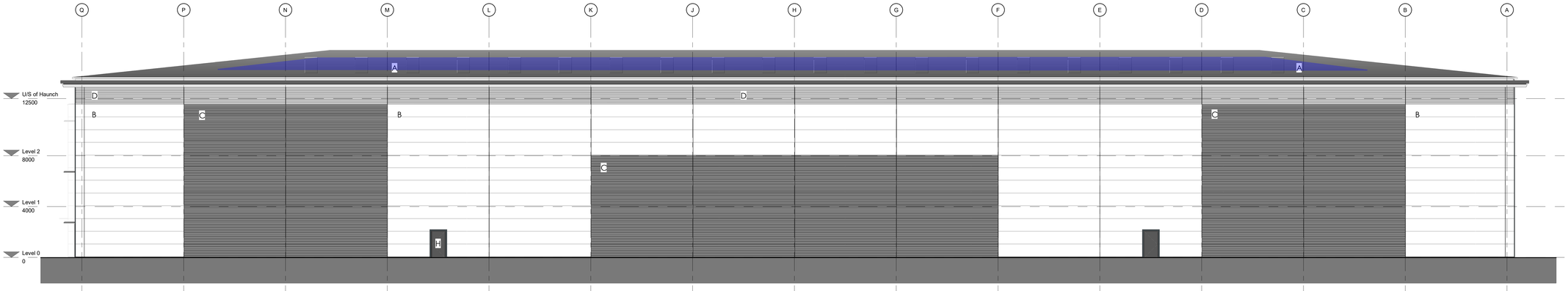
Job No:	Drawing No:	Revision:
8544	C-106	A

ICON 3 SOLAR PV LAYOUT



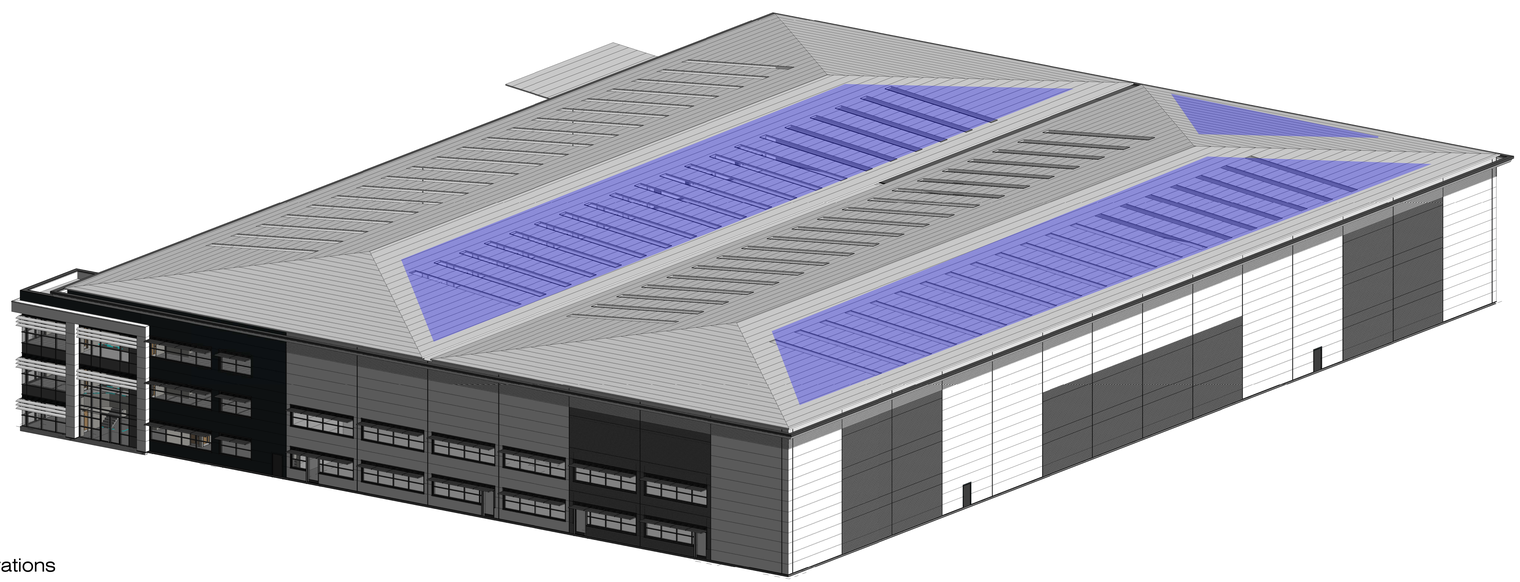


North East Elevation
1 : 125

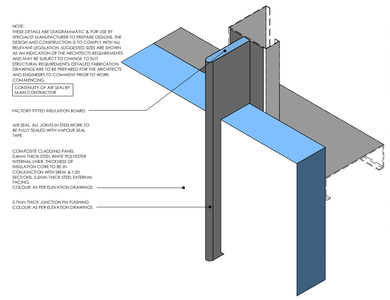


North West Elevation
1 : 125

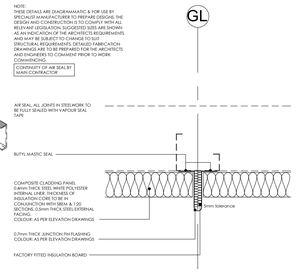
ICON 4 - SOLAR PANEL AREAS IN BLUE (NORTH ELEVATIONS)



North Elevations



FIN JOINT DETAIL
EACH GRIDLINE



FIN JOINT DETAIL
EACH GRIDLINE

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Schedule of Building Materials

A — Roof Construction: KS RW1000 Trapezoidal profile composite roof sheets or built up system. Colour: Goosewing Grey with white Internal Liner

B — Wall Construction: Kingspan 80mm Horizontally laid mircorib composite wall cladding Panels. Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels. Colour: White RAL 9003

C — Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Louvre). Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels. Colour: Obsidian RAL 9007

D — Wall Construction: Kingspan 80mm Horizontally laid Profiled composite wall cladding Panels (Kingspan Curvewall). Corners to be Preformed. Kingspan fin detail to be used on Gridline to seperate panels. Colour: Silver RAL 9006

E — Wall Construction: Kingspan 80mm Horizontally laid Flat composite wall cladding Panels. Colour: Kingspan XL Forte: Anthracite RAL 7016

F — Wall Construction (Good Post): Kingspan KS1000 FL Flat 80mm preformed horizontal laid composite cladding panels. Colour: Kingspan XL Forte: White RAL 9003

G — Polyester powder coated Aluminium capped curtain walling / window system. With PPC aluminium Brise soleil Louvers as part of the system.
Colour Frame: Anthracite RAL 7016
Colour Glass: Grey Tint
Colour Glass Spandrel Panel to floor zones: To match glass
Colour Brise Soleil: Anthracite RAL 7016

H — Steel door set
Colour: Anthracite RAL 7016

J — Steel faced composite sectional overhead dock door & shelter.
Colour: Anthracite RAL 7016

K — Insulated Precast concrete Prowall System to dock area

L — Integral PPC aluminium elliptical blade brise soleil louvers as part of curtain walling system.
Colour: White

M — Lourve for M&E ventilation.
Colour: To match cladding within it sits

N — Steel faced composite sectional overhead door.
Colour: Anthracite RAL 7016

P — Wall Construction: Kingspan QuadCore Trapezoidal 1000mm Wall Panel (RW).
Colour: Goosewing Grey Standard Colour RAL 080 70 05

Q — Wall Construction: Kingspan QuadCore Trapezoidal 1000mm Wall Panel (RW).
Colour: White Standard Colour RAL 9003

AS BUILT (FINAL CONSTRUCTION)

Revision:	Description:	By:	Date:
C	As Built Final Construction Issue	LJM	16-06-20
B	Swing Doors reinstated.	LJM	19-01-20
A	VR002 & 007 CAT B updates. Moved to Construction status	LJM	17-11-19

Client: winvic

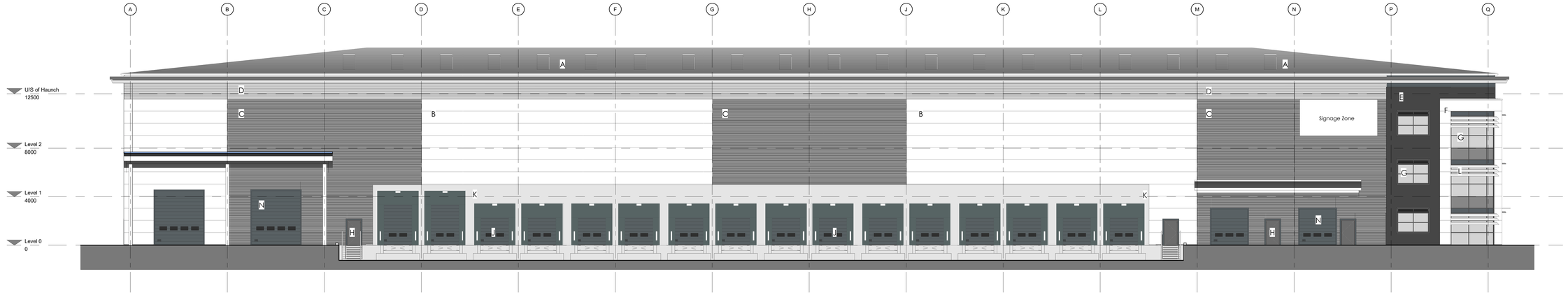
Project: ICON, MANCHESTER AIRPORT

Drawing Title: Elevations Sheet 1

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Chartered Architects
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w: www.webbgray.co.uk

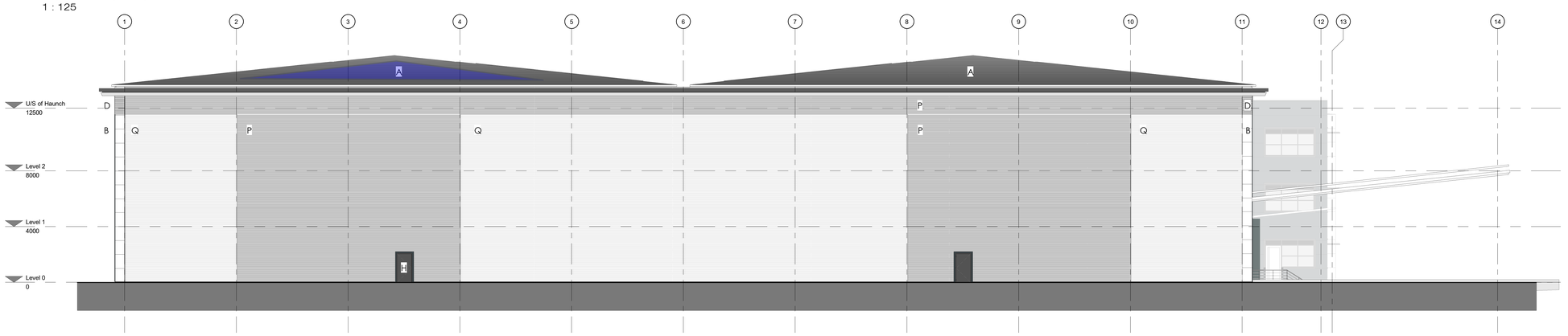
Scale @ A0:	Date:	Drafted:	Checked:
As indicated	JAN 19	LJM	SJB

Job No:	Drawing No:	Revision:
8532	C-105	C



South East Elevation

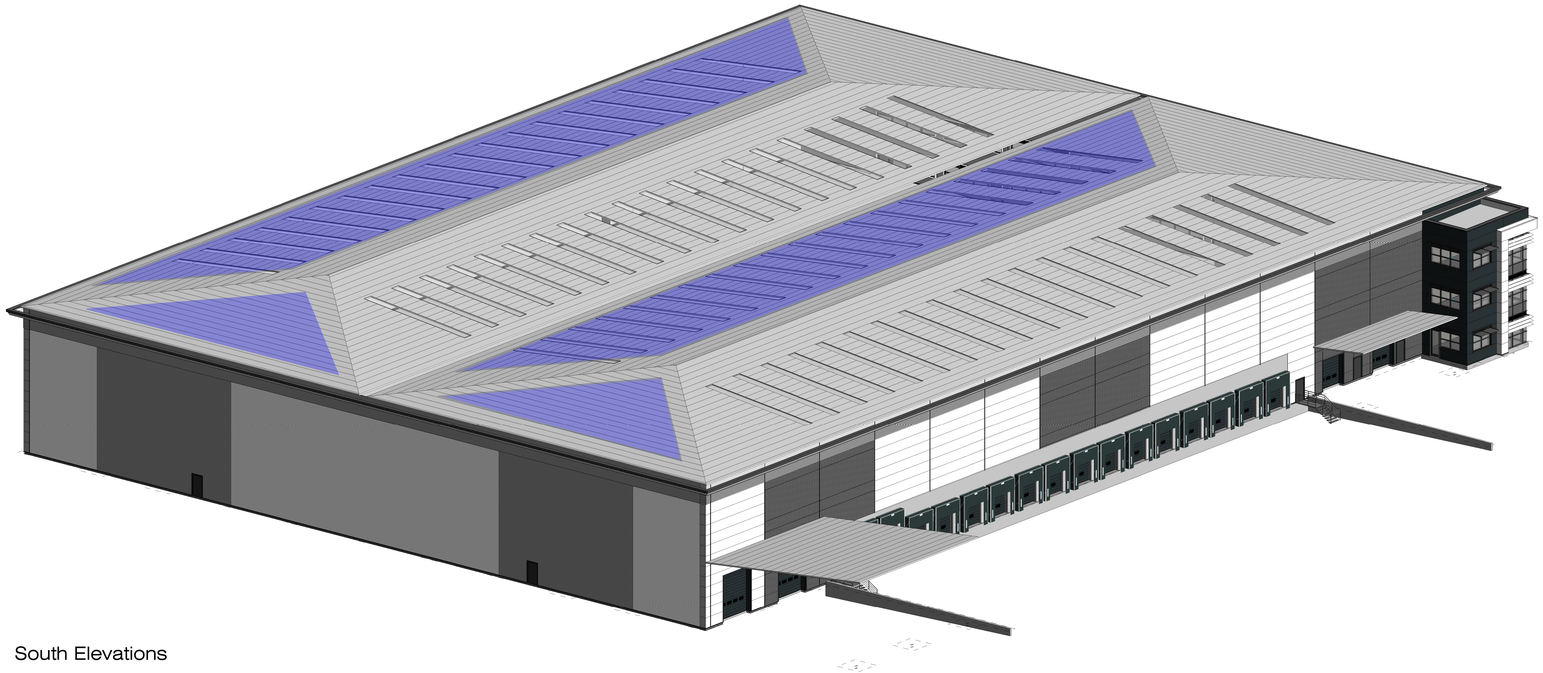
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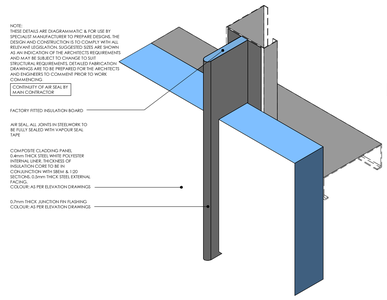
South West Elevation

1 : 125

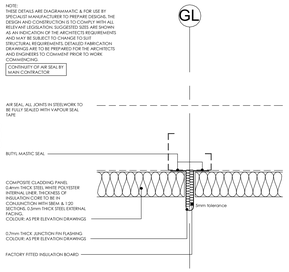
ICON 4 - SOLAR PANEL AREAS IN BLUE (SOUTH ELEVATIONS)



South Elevations



FIN JOINT DETAIL
EACH GRIDLINE



FIN JOINT DETAIL
EACH GRIDLINE

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Revision:	Description:	By:	Date:
C	As Built Final Construction Issue	LJM	16-06-20
B	VR002 & 007 CAT B updates. Moved to Construction status	LJM	17-11-19
A	Cladding Panel Changes to South West Elevation	AS	09/09/19

Client: winvic

Project:
ICON, MANCHESTER AIRPORT

Drawing Title:
Elevation Sheet 2

AS BUILT (FINAL CONSTRUCTION)

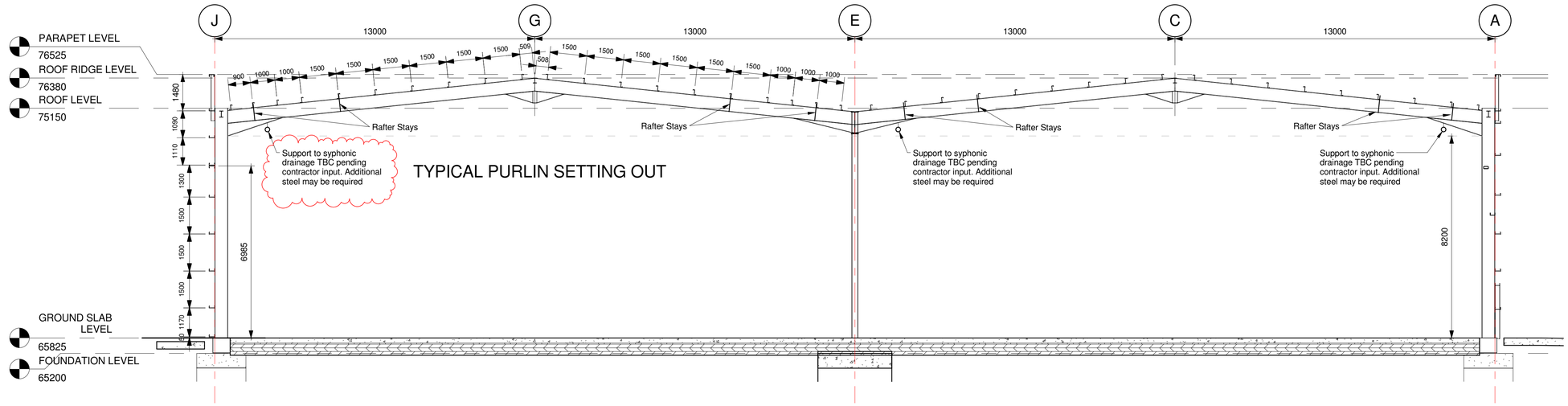
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w: www.webbgray.co.uk

Scale @ A0:	Date:	Drafted:	Checked:
As indicated	JAN 19	LJM	SJB

Job No:	Drawing No:	Revision:
8532	C-106	C

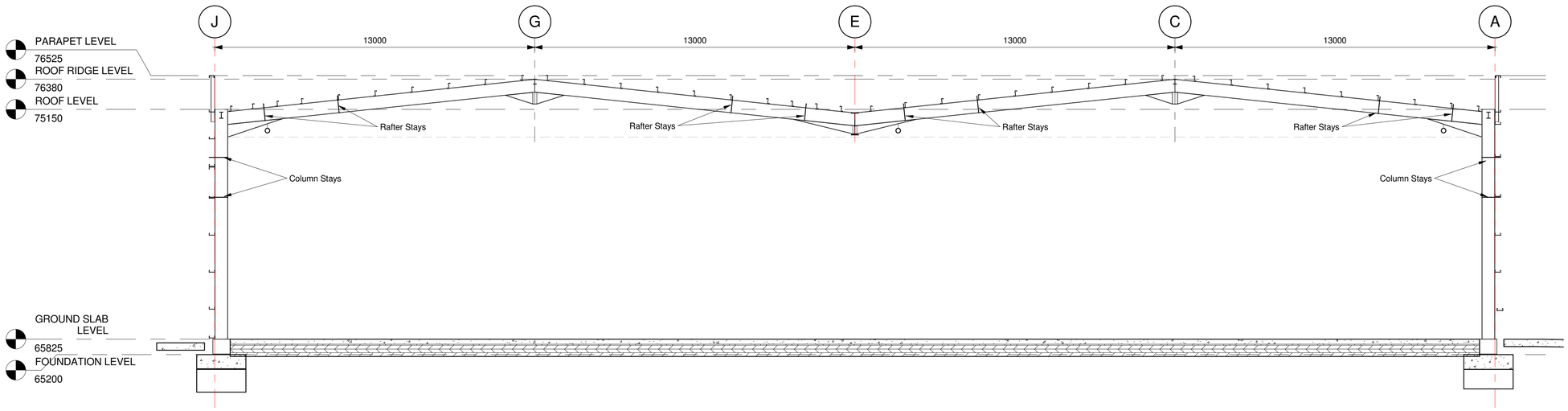
ICON 4 - SOLAR PV LAYOUT





1 TYPICAL SHORT SECTION SUPPORTED

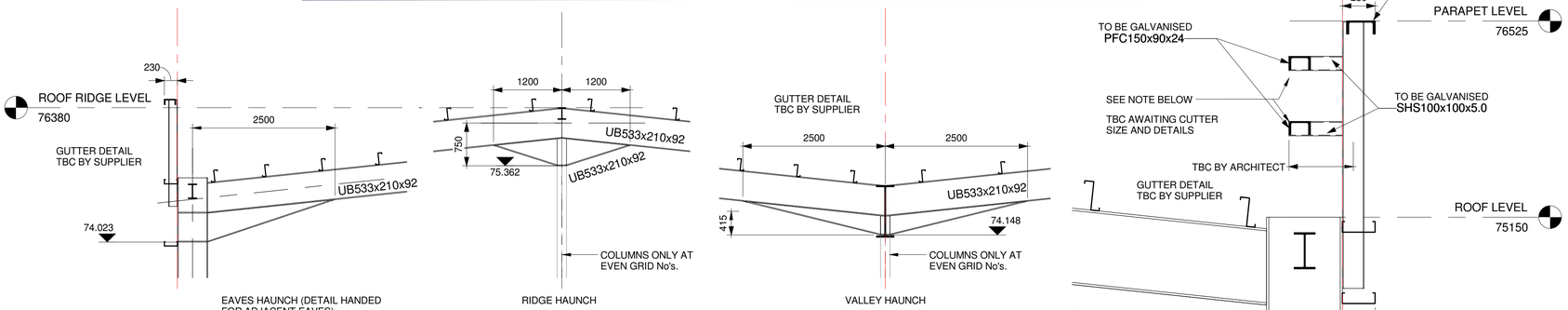
1 : 100



2 TYPICAL SHORT SECTION SPAN

1 : 100

ALPHA UNITS - SOLAR PANEL AREAS NOT VISIBLE DUE TO PARAPET WALL



3 TYPICAL HAUNCH SECTIONS

1 : 50

PARAPET DETAIL APPLIES TO FULL PERIMETER OF ROOF. UC COLUMNS TO BE FIXED TO ALL PERIMET COLUMNS. ADDITIONAL RHS AND PFC STUBS ONLY REQUIRED ABOVE INTERNAL OFFICE SPACE AS TOTAL 12 NUMBER BAYS PROVISION FOR THE SUPPORT OF LIGHTWEIGHT PLANT.

4 PARAPET DETAIL

1 : 20

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WORK IN PROGRESS (Construction)

The information on this drawing is an optimised solution based upon external information. It may be subject to change through external influences such as client brief and scope changes, services BWIC, sub-contractor requirements etc. Therefore a suitable contingent approach must be applied where the information is used for strategic decision making, procurement or construction in advance of final design requirements from other designers and sub-contractors.

NOTES

1. RoC drawings are to be read in conjunction with relevant documents, specifications, architectural and services drawings, including approved builders work drawings. The contractor should notify CA of any discrepancies between the structural drawings and specifications or other drawings.

2. Do not scale from the drawings or the computer digital date. Only figured dimensions are to be used.

3. It is the responsibility of the lead consultant (architect) to check the setting out provided on these drawings and the co-ordination of the frame with the evnvelope & other elements of the building.

4. All dimensions are in millimetres unless noted otherwise.

5. All levels are in metres above Ordnance Datum unless noted otherwise.

6. This drawing is to be read in conjunction with General Notes Drawing. NO001

REV	DETAILS	DATE	DRN	CHK
C2	CONSTRUCTION	18.08.15	SJB	MJN
C1	CONSTRUCTION	12.08.15	SPH	MJN
T3	STAGE 4	22.06.15	SPH	MJN
T2	TENDER	13.03.15	SJB	MJN
T1	TENDER	06.03.15	SJB	MJN

DRAWING STATUS
CONSTRUCTION

RgC CONSULTING
Civil & Structural Engineers
6 Commercial Street, Castlefield, M15 4PZ
Tel: 0161 214 5390

DRAWN	DATE	SCALES
SJB	13.03.2015	As indicated
CHECKED	DATE	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE
MJN	13.03.2015	
APPRVD	DATE	EMAIL FOR DRAWINGS:
JAS	13.03.2015	drawings@rocconsulting.com

CLIENT
Airport City Manchester
曼彻斯特空港城

PROJECT TITLE
ALPHA
AIRPORT CITY SOUTH

DRAWING TITLE
STEELWORK SECTIONS SHEET 1

PROJECT No.	DRAWING No.	REV.
3238	ST55	C2

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ALPHA UNITS - SOLAR PV LAYOUT

