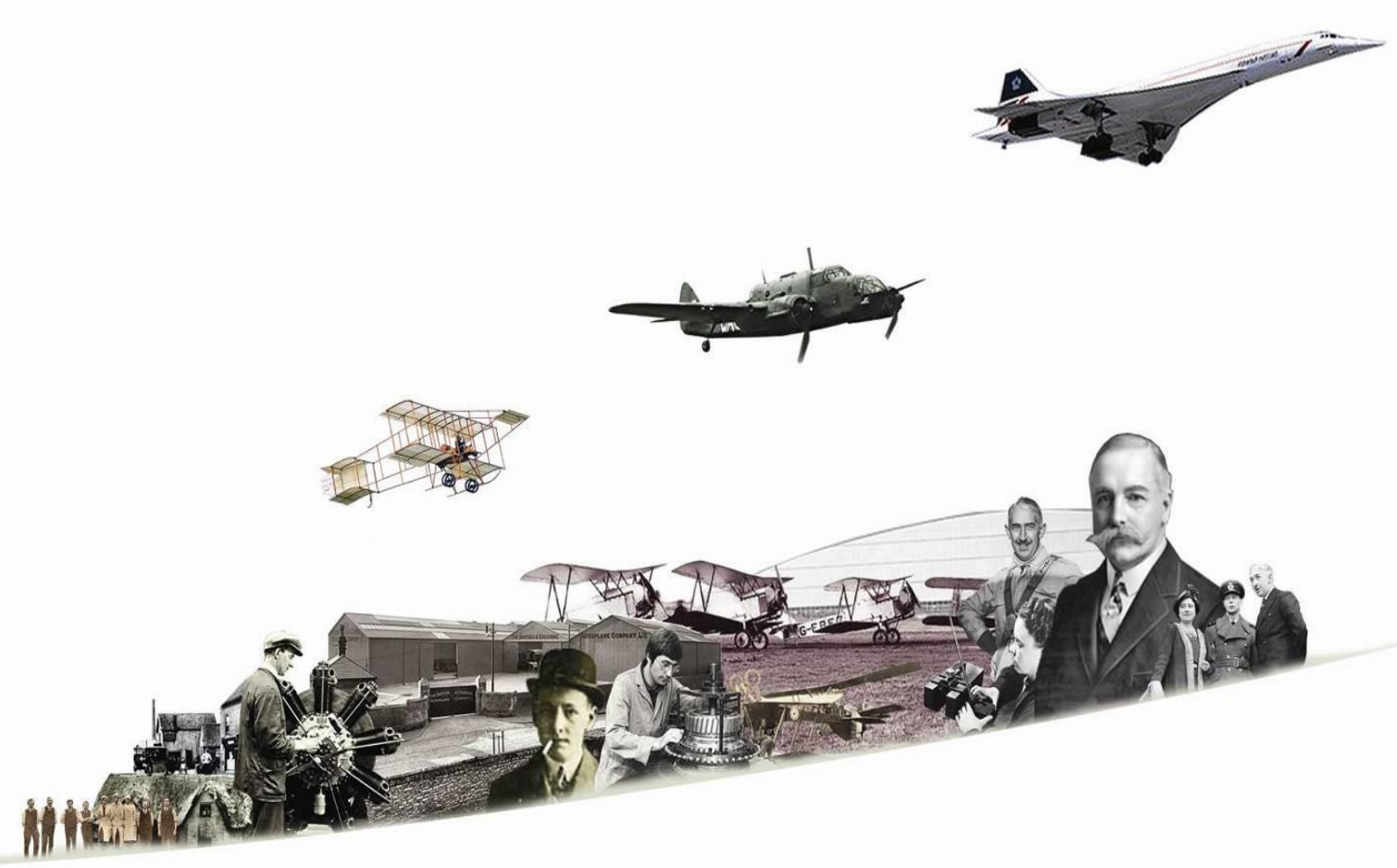
# Aerospace Bristol

Active IT System & Wi-Fi

Document Eight

Base Build – For Information

February 2017



## Focus Offices

**Nottingham**
Focus House
Millennium Way West
Phoenix Park
Nottingham
NG8 6AS
Tel: 0115 976 5050
E-mail: enquiries@focus-consultants.com
Website: www.focus-consultants.co.uk

**Leicester**
4 Merus Court
Meridian Business Park
Leicester
LE19 1RJ
Tel: 0116 275 8315
E-mail: leicesterenquiries@focus-consultants.com
Website: www.focus-consultants.co.uk

**Lincolnshire**
Focus House
Resolution Close
Endeavour Park
Boston
Lincolnshire
PE21 7TT
Tel: 01205 355 207
E-mail: bostonenquiries@focus-consultants.com
Website: www.focus-consultants.co.uk

**London**
88 Kingsway
Holborn
London
WC2B 6AA
Tel: 0203 4022166
E-mail: londonenquiries@focus-consultants.com
Website: www.focus-consultants.co.uk

**© Focus Consultants 2010 LLP**

**Client:**
Bristol Aero Collection Trust
PO Box 77
Bristol
BS99 7AR

**Client Lead:** Lloyd Burnell, Project Director
**Tel:** 0797 412 6448
**Email:** lloyd.burnell@bristolaero.com

**Prepared By:**
Focus Consultants
Focus House
Millennium Way West
Phoenix Park
Nottingham
NG8 6AS

**Focus Contact:** Steven Fletcher, Partner
**Tel:** 0115 976 5050
**Email:** enquiries@focus-consultants.com

**Project:** Aerospace Bristol

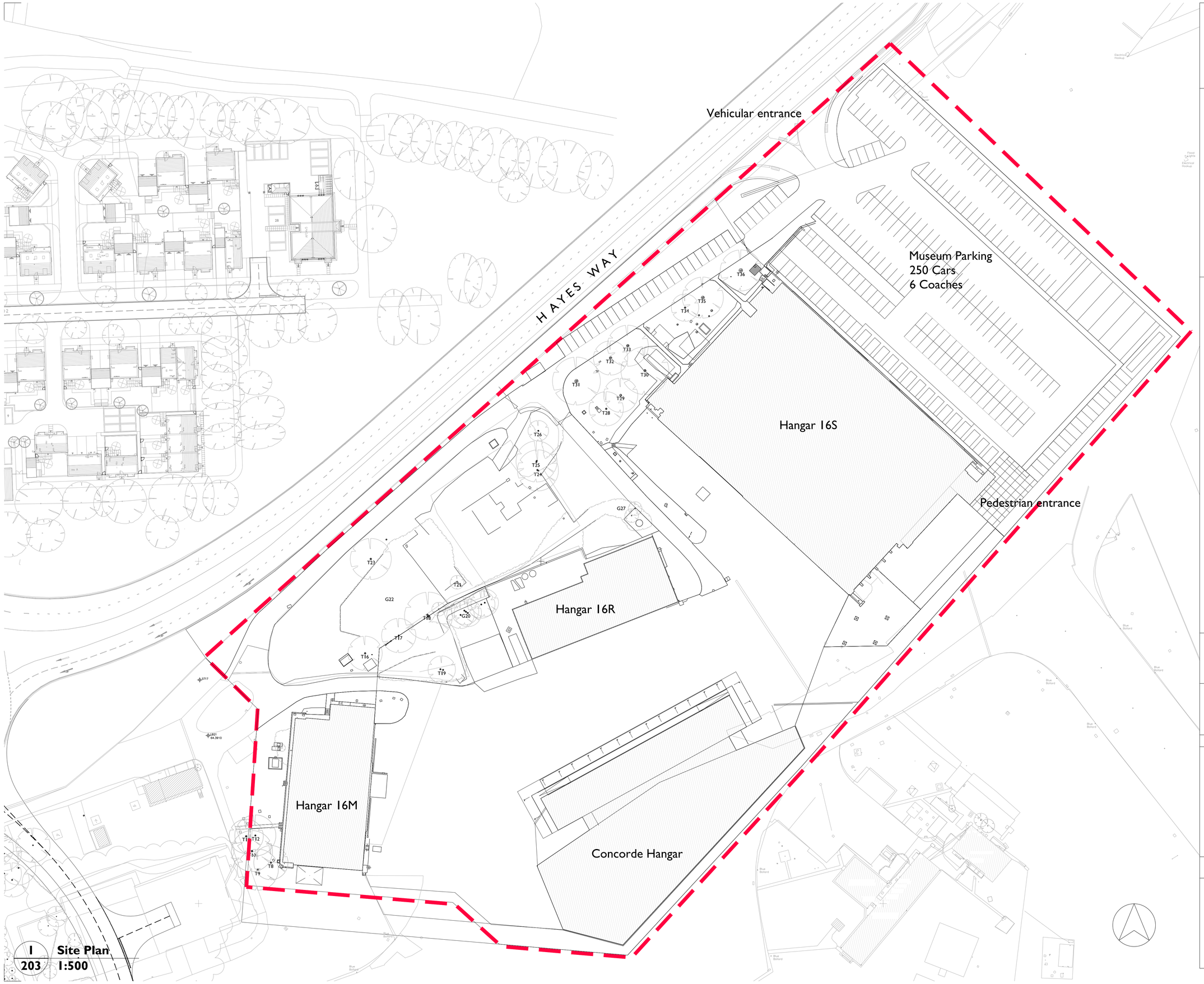
**Document Title:** Base Build – For Information

**Issue Nr:** 1

**Date:** February 2017

**Authorised By:** Steven Fletcher, Partner

**Signature:**




1 / 203 **Site Plan** 1:500

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

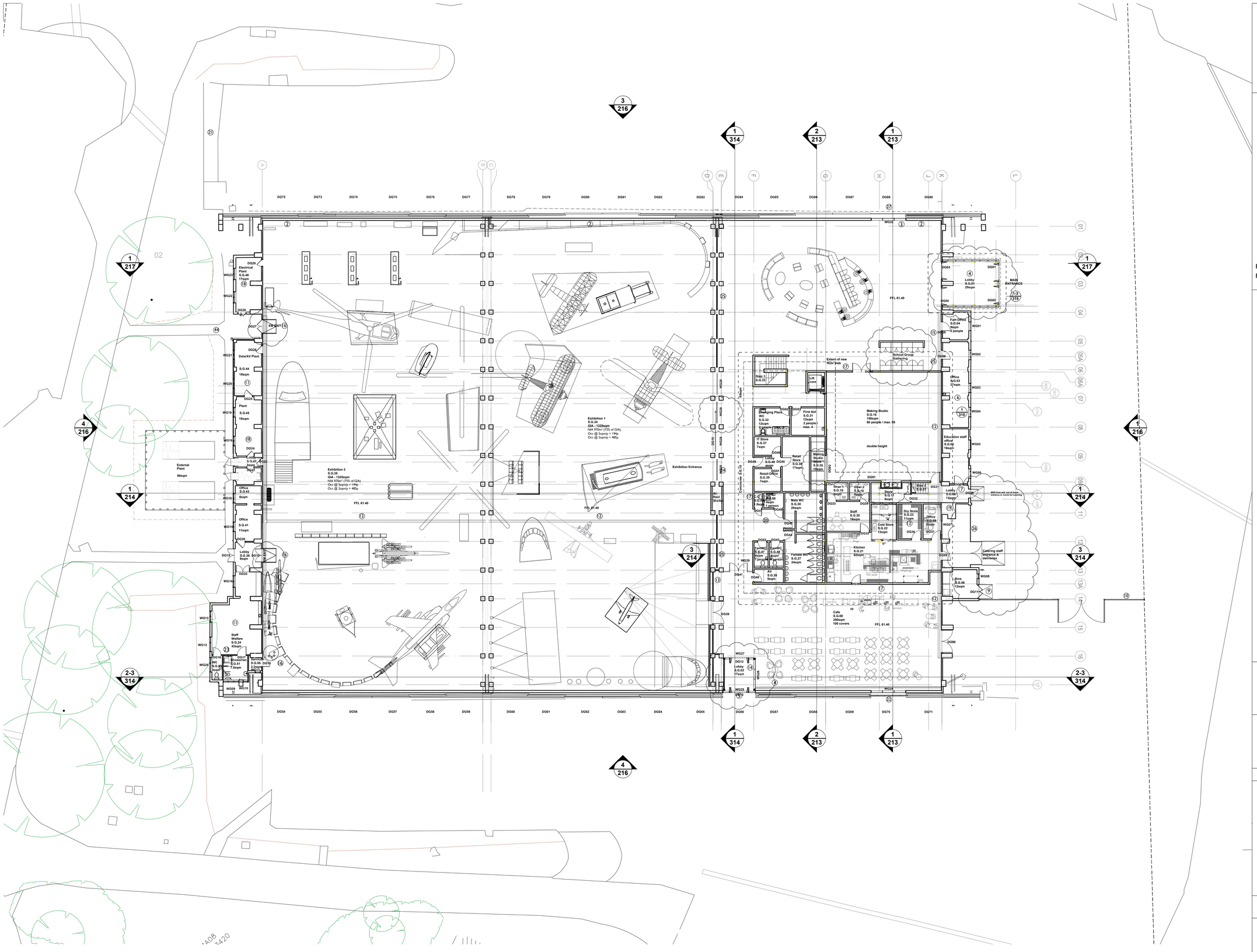
Proposed site boundary/BACT Lease Line

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| C | 22 Jul 2015 | EG | LB | Updated boundary and landscape |
| B | 13 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 07 Aug 2014 | RG | LB | Hayes Way update; Redline boundary |
| First Issue | 16 Jun 2014 | RG | LB | |

| | |
|---|---|
| **CLIENT** | Bristol Aero Collection |
| **PROJECT** | Bristol Aero Space |
| **DRAWING TITLE** | Site Plans |
| **SIZE & SCALE** | A1L 1:500 |
| **DRAWING STATUS** | TENDER |
| **JOB NUMBER** | 233971 |
| **DRAWING NO.** | 203 |
| **REVISION** | C |

PURCELL

35 King Street, Bristol, BS1 4DZ. , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




1 / 210 GROUND FLOOR PLAN
1:200

0 2 m 4 m 6 m 8 m 10 m 20 m

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Structural and Services Engineer's Information, and Asbestos Report.
Refer to landscape plan for site wide proposals

NOTES

1 New entrance canopy. See drawing XXX for detail.
2 New insulated 1hr fire-rated timber studwork wall inside of existing main hangar doors with window. Refer to window schedule.
3 New window opening to be formed by partially opening existing main hangar door. Refer to window schedule.
4 New insulated 1hr fire-rated timber studwork wall inside of existing main hangar door with exit.
5 New exit to be formed by partially opening existing main hangar door. Refer to door schedule.
6 Lean-tos to form offices and stores.
7 In-fill existing opening with block work to form lobby.
8 Fence to kitchen access??
9 New concrete ramp to existing door.
10 New fence to form pay barrier as spec NBS XXX/XXX. Gates to allow vehicle access/egress.
11 Lean-to to form offices and plant rooms.
12 Services to be run in existing trenches and screed laid over. Refer to services engineer's information. Note presence of asbestos within existing trench.
13 1hr fire rated timber studwork partition with plasterboard lining.
14 New lobby formed using 1hr fire rated timber studwork partition with plasterboard lining.
15 Door openings to be altered to suit new finished floor level. See door schedule.
16 Emergency exits to be formed by creating ramp in FFL.
17 New accommodation to be formed using primary steel frame with brick and lightweight in-fill panels., refer to outline spec for details. For structural frame and floor information refer to Structural Engineer's information. Refer door and window schedules.
18 New plant room to provide air-handling capabilities to exhibition space.
19 Existing chimney altered for use as kitchen extract.
20 New floor trench
21 New galvanised balustrade fixed to top of existing retaining wall as spec NBSXXX/XXXX.
22 New full-height opening created to provide additional light into cafe. See proposed elevation drawing 216 and window schedule.
23 Stud partition walls to create staff WC S.G52 and shower room S.G51.
24 Glass partition within a steel frame 2700mm high.
25 Solid partition within a steel frame 2700mm high.
26 Fencing to provide catering staff entrance and delivery area.
27 New full-height opening created to provide additional light into reception. See proposed elevation drawing 216 and window schedule.

Please refer to scoping drawings 241-248.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| M | 02 Oct 2015 | ÜBH | | Stage F issue |
| L | 30 Jul 2015 | EG | ÜBH | Client Changes |
| K | 29 Jul 2015 | ÜBH | | Client Changes |
| J | 01 Jul 2015 | ÜBH | | Staff Welfare Changes |
| H | 15 Jun 2015 | EG | | Issued for Tender |
| G | 12 May 2015 | EG | | |
| F | 27 Apr 2015 | JP | | Submitted for client approval |
| E | 25 Mar 2015 | JJ | | WC layouts updated, DG08 relocated |
| D | 16 Mar 2015 | JJ | JJ | Offices, catering and retail stores updated |
| C | 06 Jan 2015 | LB | LB | Entrance updated, DG14 rev |
| B | 08 Aug 2014 | RG | LB | Submitted for planning |
| A | 13 Jun 2014 | AJ | LB | Issued for Stage D |
| First Issue | 07 Apr 2014 | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Hangar 16S
Proposed Ground Floor Plan

**SIZE & SCALE** A1L 1:200

**DRAWING STATUS** STAGE F ISSUE

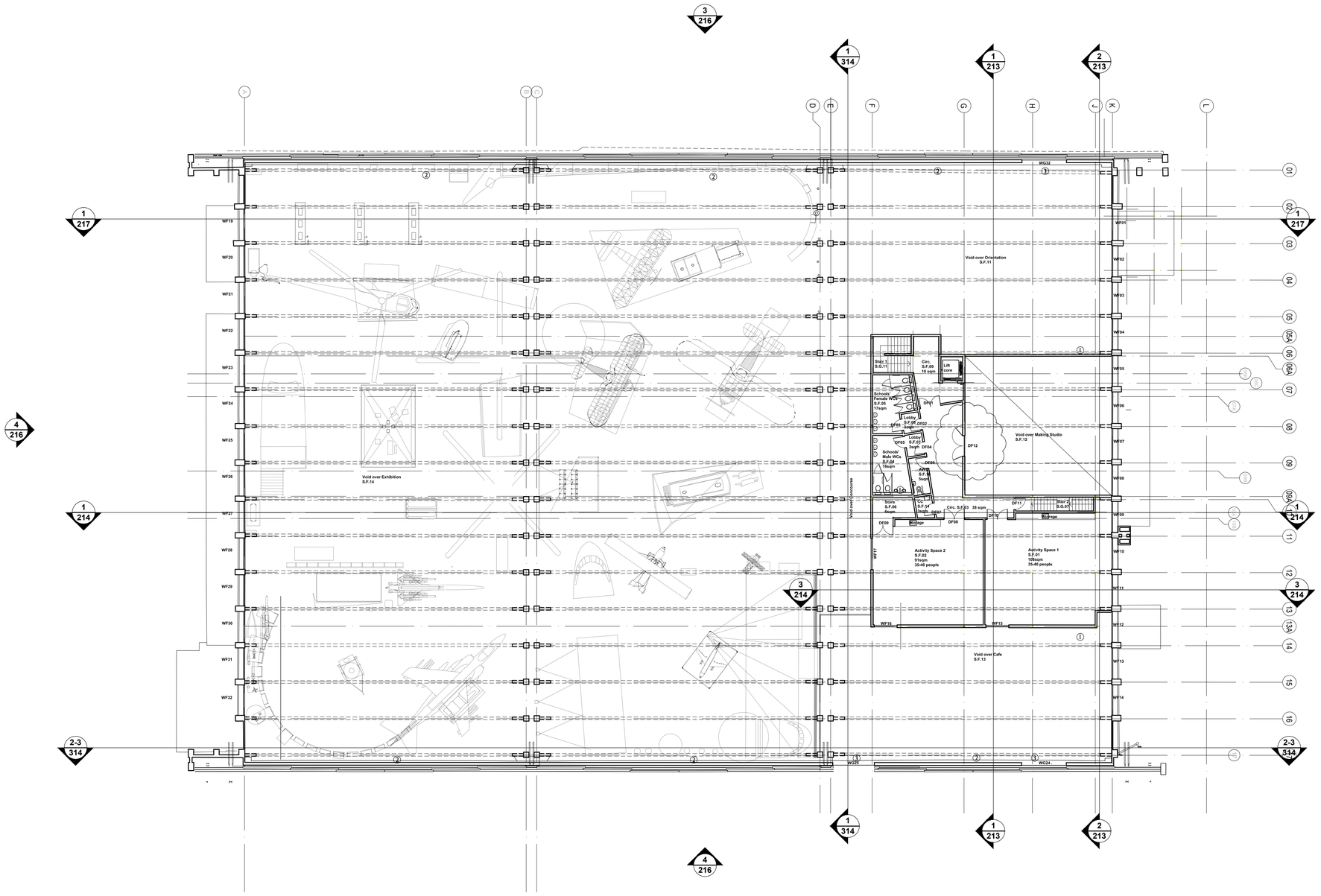
**JOB NUMBER** 233971

**DRAWING NO.** 210

**REVISION** M

PURCELL

35 King Street, Bristol, BS1 4DZ. , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




1 / 211 FIRST FLOOR PLAN
1:200

0 2 m 4 m 6 m 8 m 10 m 20 m

NORTH

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Structural and Services Engineer's Information, and Asbestos Report.

NOTES

1 New accommodation to be formed using primary steel frame with brick and lightweight in-fill panels., refer to outline spec for details. For structural frame and floor information refer to Structural Engineer's information. Refer door and window schedules.
2 New insulated 1hr fire-rated timber studwork wall inside of existing main hangar doors.
3 Window in studwork inside existing main hangar door. See proposed elevation drawing 216 and window schedule.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| G | 02 Oct 2015 | ÚBH | | Stage F issue |
| F | 30 Jul 2015 | EG | ÚBH | Client Changes |
| E | 29 Jul 2015 | ÚBH | | Issued for Tender |
| D | 15 Jun 2015 | EG | | Issued for Tender |
| C | 27 Apr 2015 | JP | LB | Submitted for client approval |
| B | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 13 Jun 2014 | AJ | LB | Issued for Stage D |
| First Issue | 07 Apr 2014 | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Hangar 16S
Proposed First Floor Plan

**SIZE & SCALE** A1L 1:200

**DRAWING STATUS** STAGE F ISSUE

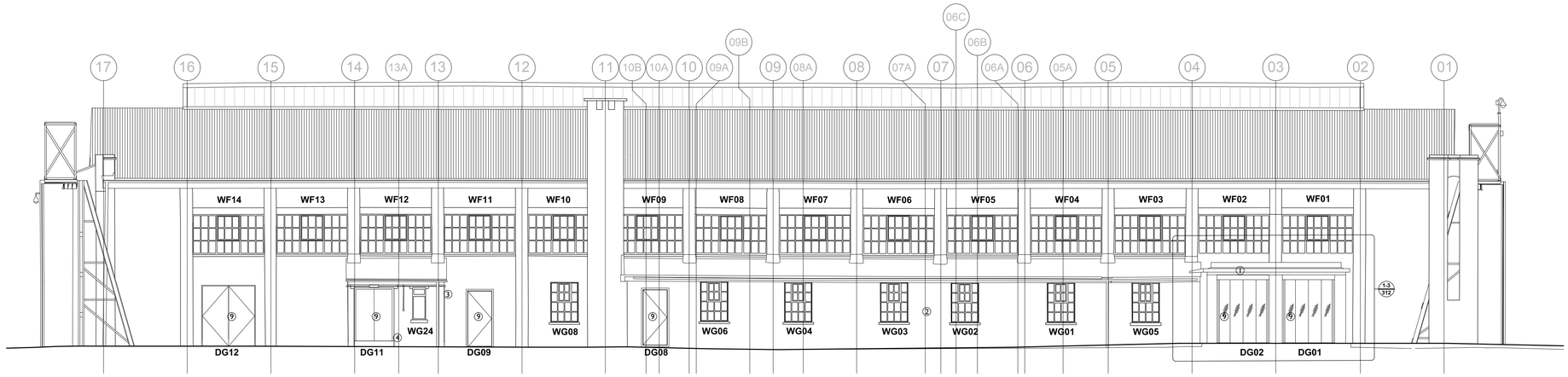
**JOB NUMBER** 233971

**DRAWING NO.** 211

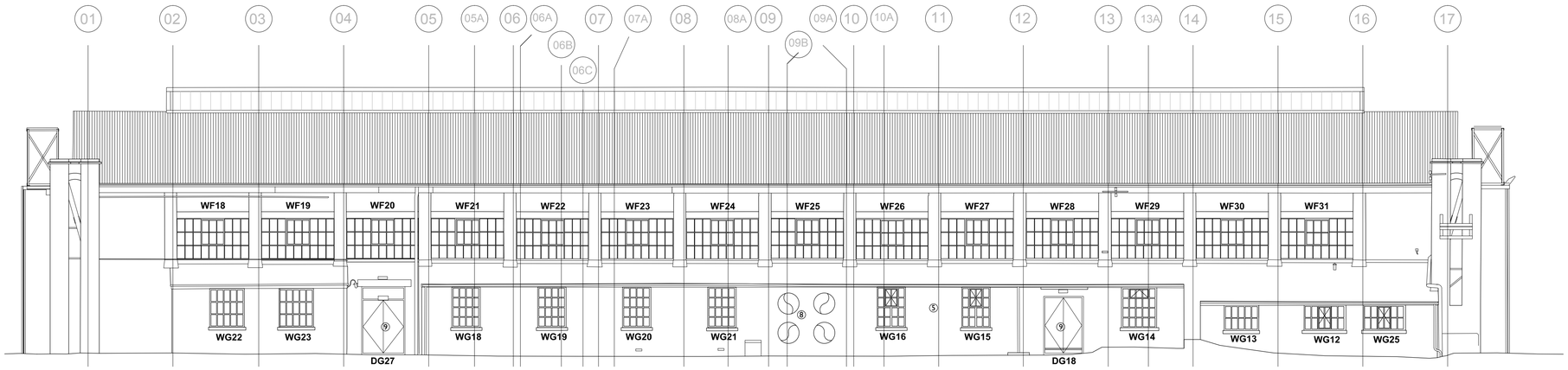
**REVISION** G

PURCELL

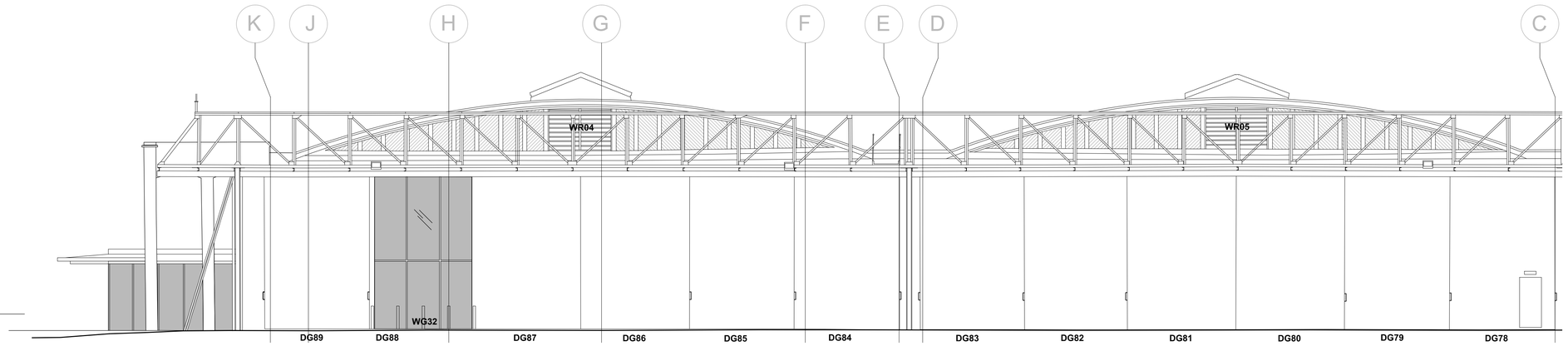
35 King Street, Bristol, BS1 4DZ. , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP



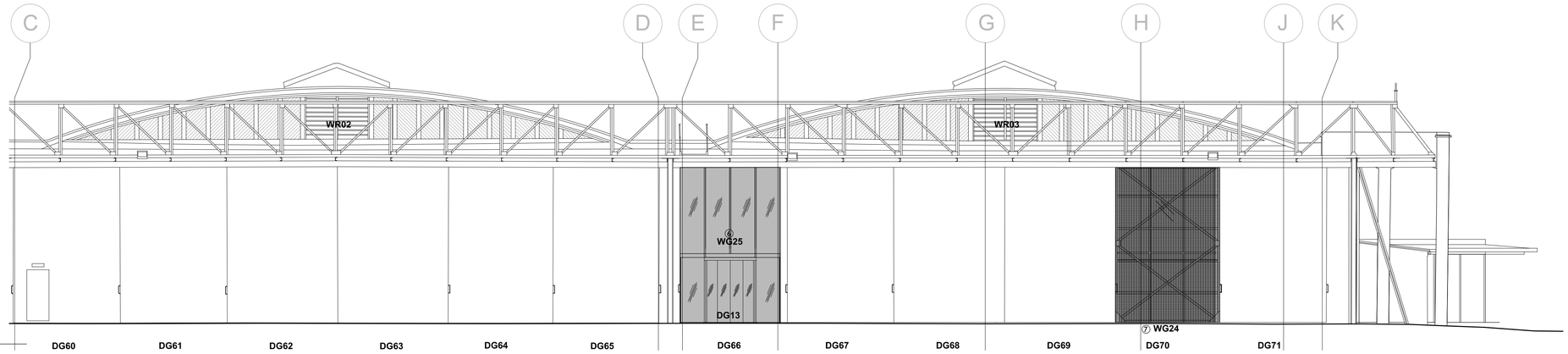

1 / 216 SOUTH ELEVATION 1:100




2 / 216 NORTH ELEVATION 1:100




3 / 216 EAST ELEVATION 1:100




4 / 216 WEST ELEVATION 1:100

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Structural and Services Engineer's Information, and Asbestos Report.

NOTES

1 New entrance canopy.
2 Lean-tos to form offices and stores.
3 Lean-to to form refuse area.
4 New concrete ramp to existing door.
5 Lean-to to form offices and plant rooms.
6 New entrance to be formed in studwork behind existing main hangar doors. See door schedule.
7 New window WG24 to be created behind existing hangar facade, solar shading to replace existing cladding as spec G.S.01. See window schedule.
8 Ductwork to external plant. Refer to engineers drawings.
9 Installation of new door. See door schedule.
10 New window WG32 to be created within internal lining structure. DG88 to remain opened.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| J | 02 Oct 2015 | TI | ÚBH | Stage F Issue |
| H | 30 Jul 2015 | EG | ÚBH | Addition of WG32 and Solar shading to WG24 |
| G | 01 Jul 2015 | ÚBH | LB | Addition of WG24, Removal of door |
| F | 30 Jun 2015 | EG | LB | Changes to Lobby Design |
| E | 15 Jun 2015 | EG | | Issued for Tender |
| D | 12 May 2015 | EG | | Window to West Elevation & Entrance |
| C | 6 Jan 2015 | LB | LB | Doors to N Elev updated. |
| B | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 13 Jun 2014 | AJ | LB | Issued for Stage D |
| First Issue | | | | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Hangar 16S Elevations

**SIZE & SCALE** A1L 1:100

**DRAWING STATUS** STAGE F ISSUE

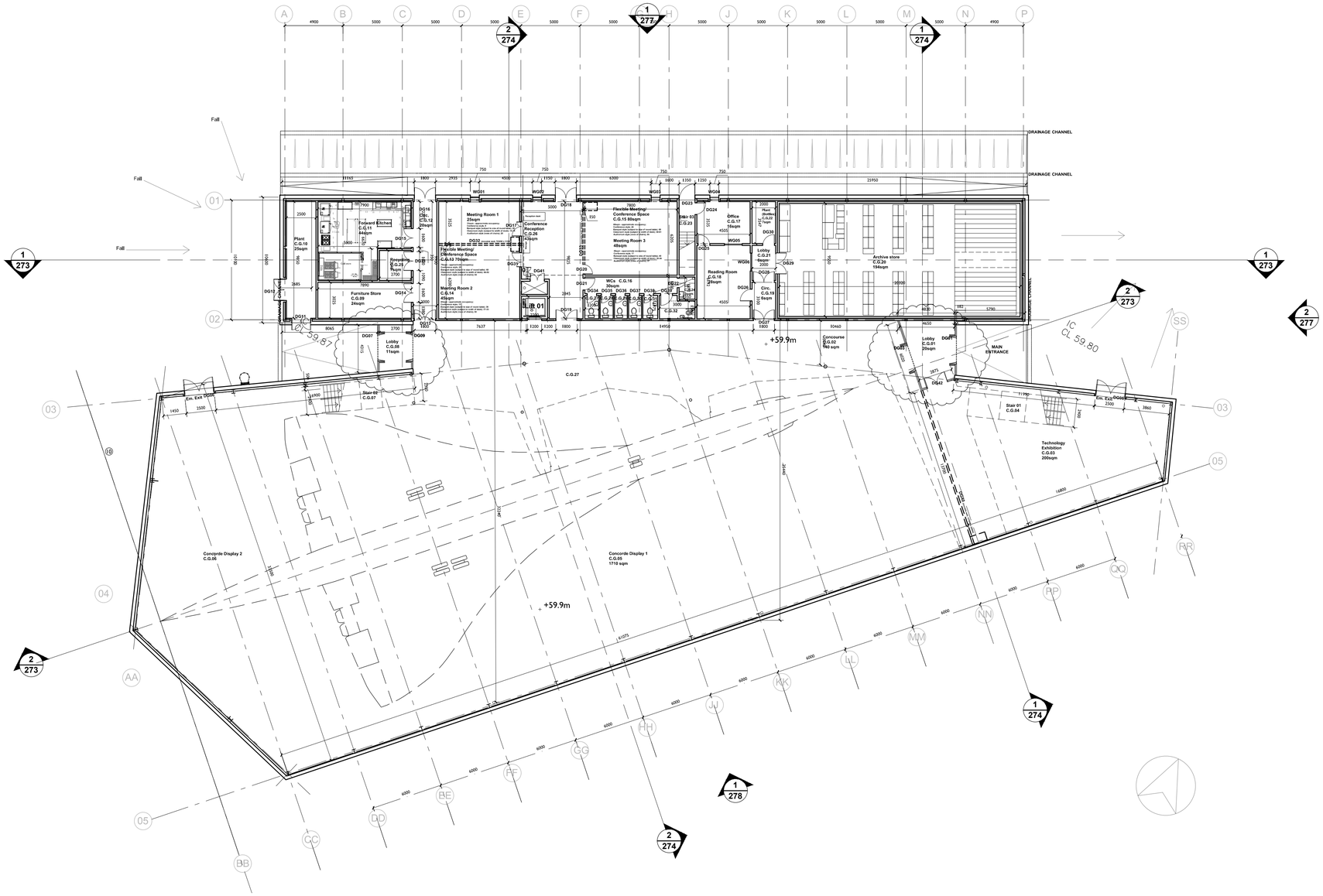
**JOB NUMBER** 233971

**DRAWING NO.** 216

**REVISION** J

PURCELL

35 King Street, Bristol, BS1 4DZ. T:+44(0)117 9101060. E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




# 1 / 270 Ground Floor
1:200

0 2 m 4 m 6 m 8 m 10 m 20 m

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Outline Specification for all material specification and to the scoping drawings for material location.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| K | 02 Oct 2015 | TI | ÚBH | Revision as Bubbled. Stage F Issue |
| J | 29 Jul 2015 | EG | ÚBH | Client changes |
| H | 27 Jul 2015 | EG | ÚBH | Concourse updated |
| G | 22 Jun 2015 | ÚBH | LB | Updated for tender |
| F | 27 Apr 2015 | JP | LB | Issued for client approval |
| D | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| C | 13 June 2014 | RG | LB | Stage D |
| B | 30 May 2014 | RG | LB | Draft Stage D |
| A | 25 Apr 2014 | RG | LB | Updated lifts, windows and lobbies |
| First Issue | 07 Apr 2014 | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Concorde Building
Ground Floor Plan

**SIZE & SCALE** A1L 1:200

**DRAWING STATUS** STAGE F ISSUE

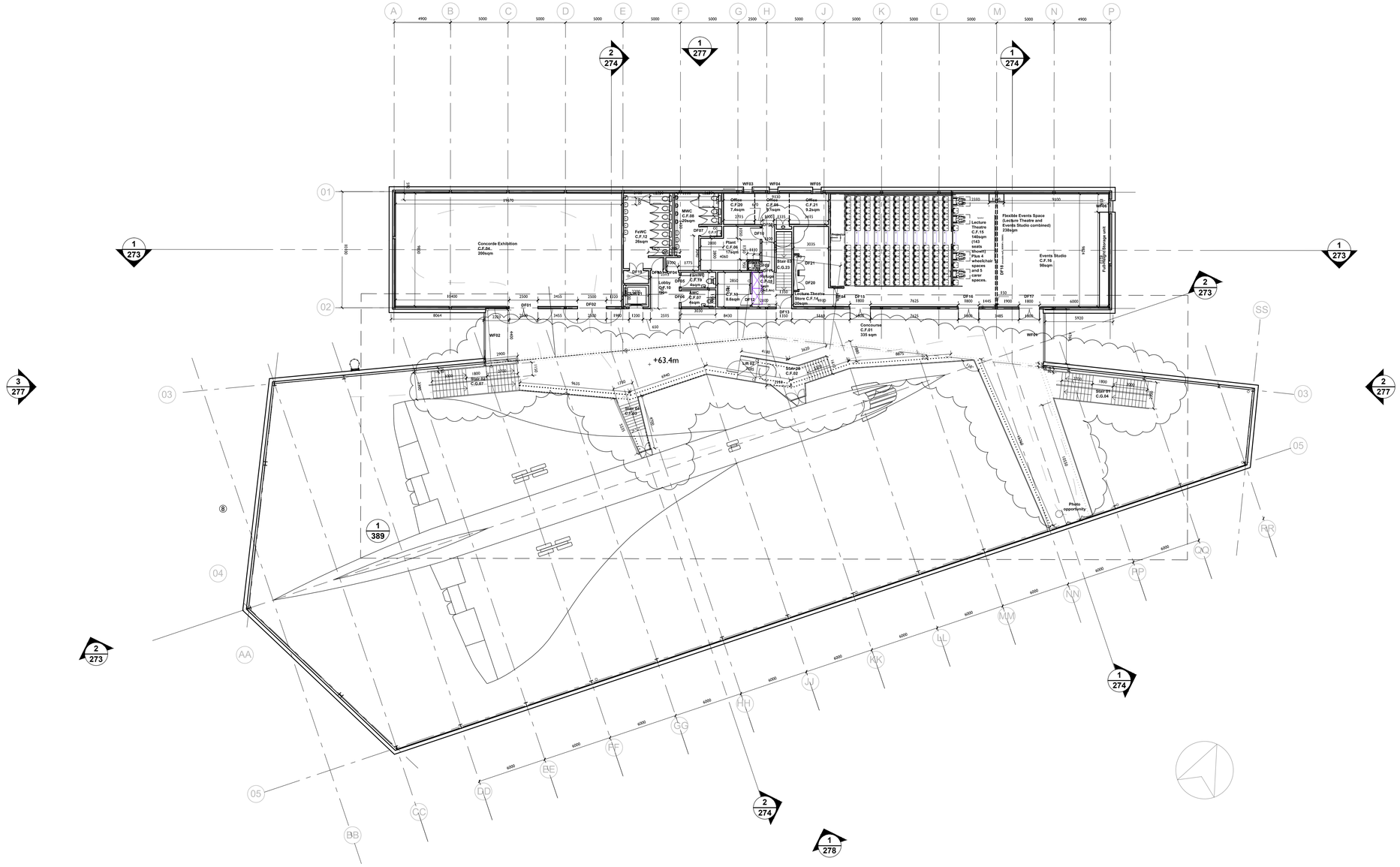
**JOB NUMBER** 233971

**DRAWING NO.** 270

**REVISION** K

PURCELL

35 King Street, Bristol, BS1 4DZ. , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




# 1 / 271 First Floor
1:200

0 2 m 4 m 6 m 8 m 10 m 20 m

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Outline Specification for all material specification and to the scoping drawings for material location.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| M | 17 Sept 2015 | TI | ÚBH | Revision as Bubbled. Stage F Issue |
| L | 20 Augl 2015 | EG | ÚBH | Concourse Updated |
| K | 29 Jul 2015 | EG | ÚBH | Client changes |
| J | 24 Jul 2015 | EG | ÚBH | Concourse and Stair Updated |
| H | 10 Jul 2015 | EG | JJ | Lift 1 Updated |
| G | 22 Jun 2015 | ÚBH | LB | Updated for Tender |
| F | 27 Apr 2015 | JP | LB | Issued for client approval |
| E | 25 Mar 2015 | SA | JJ | Updated Lecture Theatre, office, plant and WC layout |
| D | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| C | 13 June 2014 | RG | LB | Stage D |
| B | 30 May 2014 | RG | LB | Draft Stage D |
| A | 25 Apr 2014 | RG | LB | Updated lifts, windows and lobbies |
| First Issue 07 Apr 2014 | | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Concorde Building
First Floor Plan

**SIZE & SCALE** A1L 1:200

**DRAWING STATUS** STAGE F ISSUE

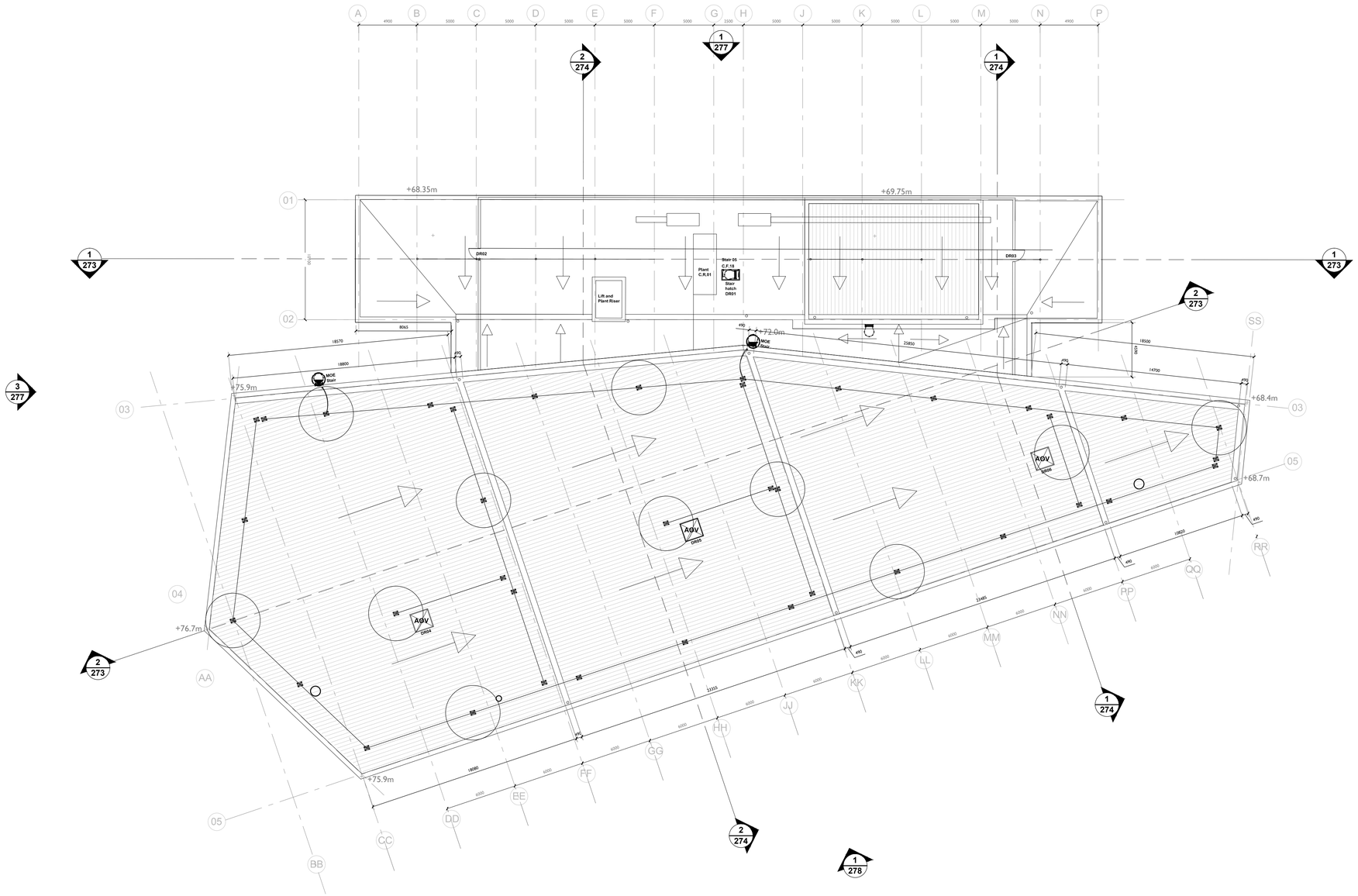
**JOB NUMBER** 233971

**DRAWING NO.** 271

**REVISION** M

PURCELL

35 King Street, Bristol, BS1 4DZ, , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




**1 / 272** **Roof 1:200**

0 2 m 4 m 6 m 8 m 10 m 20 m

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| E | 18/09/2015 | TI | ÜBH | Stage F Issue |
| D | 30/06/2015 | EG | ÜBH | M&E Coordination |
| C | 22/06/2015 | ÜBH | LB | Updated for tender |
| B | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 13 June 2014 | RG | LB | Stage D |
| First Issue 30 May 2014 | | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Concorde Building Roof Plan

**SIZE & SCALE** A1L 1:200

**DRAWING STATUS** STAGE F ISSUE

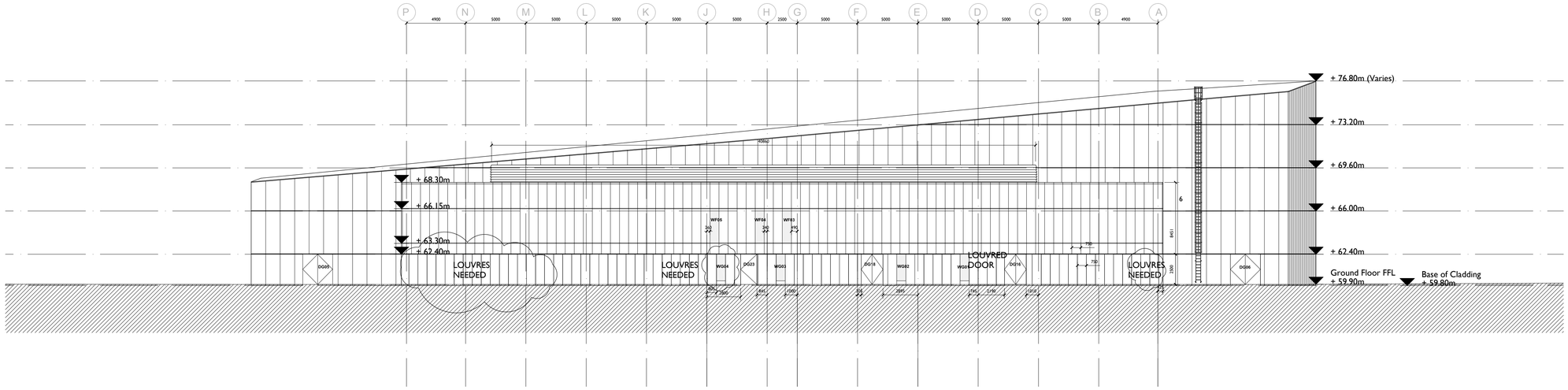
**JOB NUMBER** 233971

**DRAWING NO.** 272

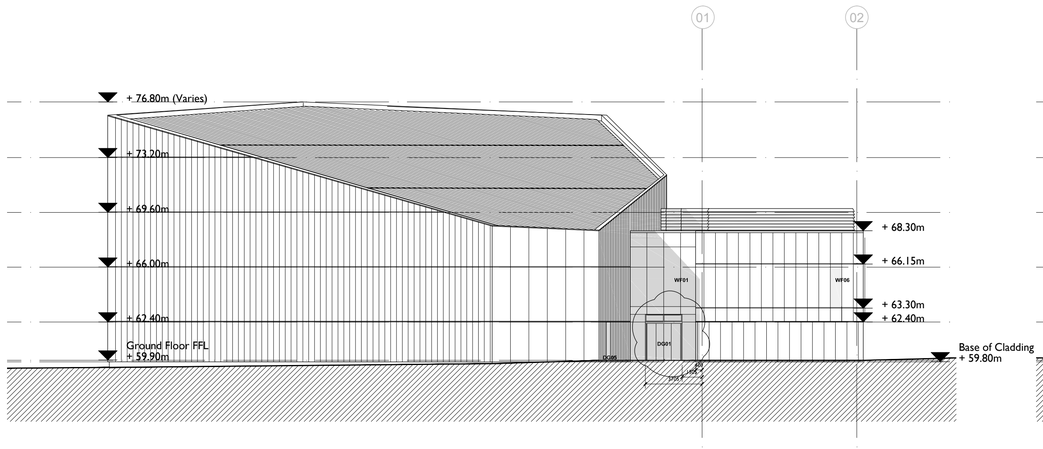
**REVISION** E

PURCELL

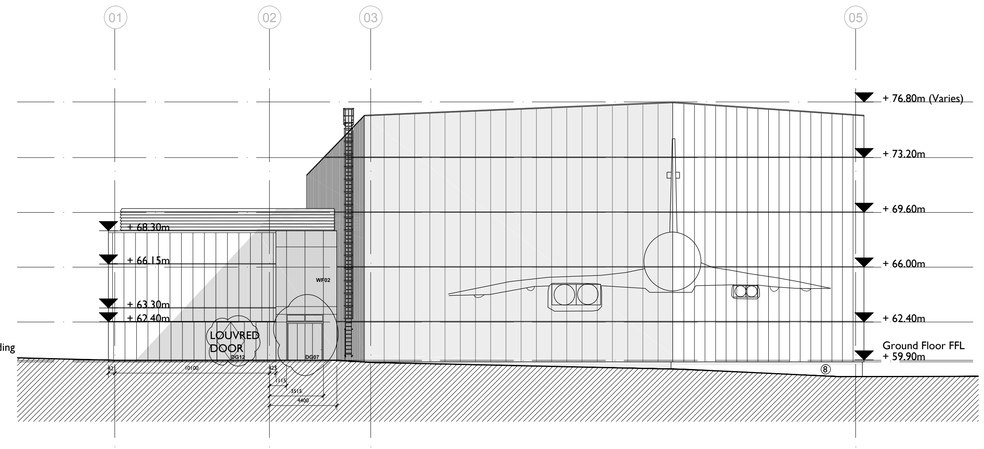
35 King Street, Bristol, BS1 4DZ, , T:+44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP




## 1 / 277 North Elevation
1:200




## 2 / 277 East Elevation
1:200




## 3 / 277 West Elevation
1:200

0 2 m 4 m 6 m 8 m 10 m 20 m

## 4 / 277 Visual looking North-East from Hangar 16M

The visual is indicative of the scheme, please refer to the drawn elevations for details of all elevational features

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Outline Specification for all material specification and to the scoping drawings for material location.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| H | 02/10/15 | ÚBH | | Stage F Issue |
| G | 4 Aug 2015 | EG | ÚBH | Client changes |
| F | 30 Jun 2015 | EG | ÚBH | M&E Coordination |
| E | 22 Jun 2015 | ÚBH | LB | Updated for Tender |
| D | 1 Dec 2014 | LB | LB | Glazing added. Sub' for planning |
| C | 24 Nov 2014 | SA | LB | Submitted for Planning Approval |
| B | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 13 June 2014 | RG | LB | Stage D |
| First Issue | 30 May 2014 | RG | LB | |

**CLIENT** Bristol Aero Collection

**PROJECT** Bristol Aero Space

**DRAWING TITLE** Concorde Building Elevations

**SIZE & SCALE** A1L

**DRAWING STATUS** STAGE F ISSUE

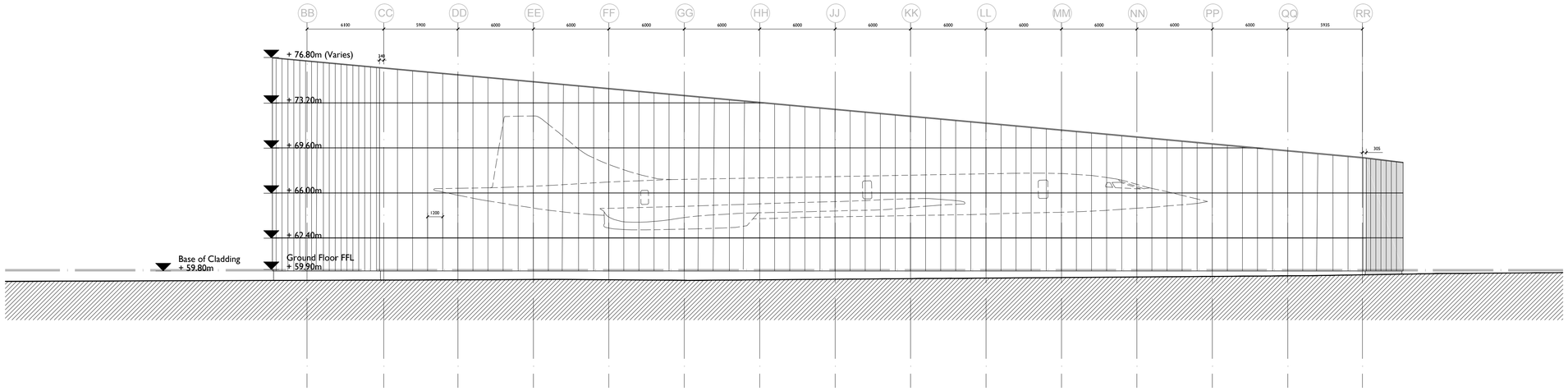
**JOB NUMBER** 233971

**DRAWING NO.** 277

**REVISION** H

PURCELL

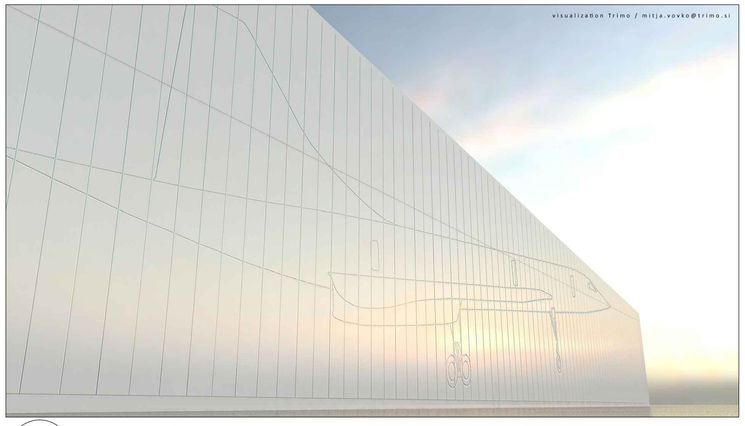
35 King Street, Bristol, BS1 4DZ. , T:+44(0)117 9101060. Ebristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP



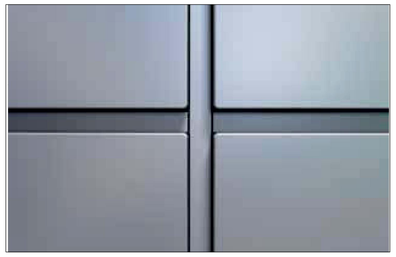

**1 / 278** **South Elevation**
**1:200**

0 2 m 4 m 6 m 8 m 10 m 20 m

**2 / 278** **Visual of South Elevation showing example of lined/embossed graphic**




**3 / 278** **Visual of Proposed embossed graphic outlined cladding panel**



**4 / 278** **Cladding panel showing example of flush and recessed joint**

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Refer to Outline Specification for all material specification and to the scoping drawings for material location.

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| E | 02 Oct 2015 | TI | ÚBH | Stage F Issue |
| D | 22 Jun 2015 | ÚBH | LB | Updated for Tender |
| C | 24 Nov 2014 | SA | LB | Submitted for Planning Approval |
| B | 08 Aug 2014 | RG | LB | Submitted for Planning Approval |
| A | 13 June 2014 | RG | LB | Stage D |
| First Issue | 30 May 2014 | RG | LB | |

| | |
|---|---|
| **CLIENT** | Bristol Aero Collection |
| **PROJECT** | Bristol Aero Space |
| **DRAWING TITLE** | Concorde Building Elevations |
| **SIZE & SCALE** | A1L |
| **DRAWING STATUS** | STAGE F ISSUE |
| **JOB NUMBER** | 233971 |
| **DRAWING NO.** | 278 |
| **REVISION** | E |

PURCELL

35 King Street, Bristol, BS1 4DZ, T: +44(0)117 9101060, E:bristol@purcelluk.com
© PURCELL 2012. PURCELL ® IS THE TRADING NAME OF PURCELL MILLER TRITTON LLP