



Orangery Construction - Discharge of Planning Consent Condition

In Reference to Schedule of Planning Condition:

C1_12 Service Wing and Orangery – Listed Building Consent
LPA REF: 2009/3174/L Appeal Ref: APP/X5210/E/09/2119331

Report Content

The drawings listed on the following pages provide details as required to satisfy condition 12 of the Service Wing and Orangery Listed Building Consent.

General Description of Drawings:

1.0 WCML

Plans of the Orangery floor layouts identifying locations of window and door openings

2.0 Robert Adam

Orangery facade elevations showing the external aesthetic relationship between the stone archivolt, windows and doors

3.0 IPIG

Orangery curved colonnade structural fixed and sliding glazing details

There are a total of nine framed, curved, glazed panels of approximate size 2000mm x 3550mm. The installation is to comprise two fixed panels in one prepared opening, and a further seven panels to the second opening. Of the seven panel set, three panels are to be able to open through the use of powered actuation. The doors/glazing is to incorporate double glazed units with low emissivity glass. The doors are to be formed of thermally broken aluminium frames and are to be over clad in bronze.

4.0 Drawn Metal Ltd

Square headed Entrance Screens

8 No square headed ground floor entrances overall size 2400mm wide x 2740mm high comprising 2 fixed side lights, 1 No manual swing glazed door and 3 fixed transom lights. All fixed frames constructed from Sapele hardwood complete with a primed finish clad on all external faces with 1.2mm thick bronze with all joints made up non-welded, all glass to be 8mm thick clear toughened plate secured with external screw fixed beads.

Door to be constructed from Sapele hardwood complete with a primed finish and clad in bronze on external faces. Door to be hung on brass butt hinges and fitted with deadlock, lever

handles and overhead closer. Glazing to be single glazed clear toughened safety glass secured with external screw fixed beads.

Arched Entrance Screens

10 No Arched head ground floor entrances overall size 2400mm wide x 4696mm high comprising 2 fixed side lights, 1 No manual swing glazed door, 1 No insulated bronze clad panel 2300mm wide x 700mm high, 2 fixed transom lights and 1 No side hung inward opening window 988mm wide x 1569mm high. Fixed transom lights and opening window to have arched top.

All fixed frames constructed from Sapele hardwood complete with a primed finish clad on all external faces with 1.2mm thick bronze with all joints made up non- welded, all glass to be 8mm thick clear toughened plate secured with external screw fixed beads.

Door to be constructed from Sapele hardwood complete with a primed finish and clad in bronze on external faces. Door to be hung on brass butt hinges and fitted with deadlock, lever handles and overhead closer. Glazing to be single glazed clear toughened safety glass secured with external screw fixed beads.

Insulated panel formed from 20mm thick exterior grade plywood clad externally with 1.2mm thick bronze complete with 3 No plant on panels to give the raised effect shown on the drawing. The panel will be fixed back to the internal structure using an aluminium helping hand support system, we have included for all necessary insulation and membrane.

Transom glazing comprising 2 fixed lights with curved heads and screw fixed beads, an outward opening timber framed window clad in 1.2mm bronze with curved head mounted on butt hinges complete with locking handle and all necessary seals.

Contents

1.0 WCML Orangery Floor Plan Drawings:

2.0 Adam Architecture Orangery Drawings:

3.0 IPIG Orangery Colonnade Glazing Drawings:

**4.0 Drawn Metal Ltd Orangery External Glazing
Drawings:**

1.0 WCML Orangery Floor Plan Drawings

Lower Ground Floor Plan 601/003

Ground Floor Plan 601/004

First Floor Plan 601/005

2.0 Adam Architecture Orangery Drawings

North Elevation	5344/105
West Elevation	5344/106
South & East Elevation	5344/107
Glazing Detail	5344/219
Bronze Door Freshold Details	5344/220
Typical Archivolt Detailing	5344/328

3.0 IPIG Orangery Colonnade Glazing Drawings

Plan View Setting Out	1015-G-100_P2
Plan View 7 Panels Colonnade	1015-G-100_P2
Plan View 2 Fixed Panels Colonnade	1015-G-100_P2
Typical Section Colonnade	1015-G-200_P2
Typical Wall End Section Panels	1015-G-300_P2
Typical Stile Section	1015-G-301_P2
End Wall Section Panel 9	1015-G-302_P2
Meeting Stile Section Panels 8&9	1015-G-303_P2
Typical Cill Section	1015-G-304_P2
Head Sections	1015-G-305_P2
Plan View of Head Sections	1015-G-306_P2

4.0 Drawn Metal Ltd Orangery External Glazing Drawings

Lower Ground Floor Level	12243-EL-01_A
Lower Ground Floor Level	12243-EL-02_A
Ground Floor Screens at Mezzanine	12243-EL-03_A
Ground Floor Screens	12243-EL-04_A
Ground Floor Screens Plan Sections	12243-EL-05_A
Lower Ground Floor Internal Elevation	12243-EL-06_A
Ground Floor Internal Elevation	12243-EL-07_A
Bronze Window Frame Sample	