

WINDOWS SCHEDULE		Note: Read in conjunction with the Part L Compliance Report									
WINDOW TYPE 1		WINDOW TYPE 2		WINDOW TYPE 3		WINDOW TYPE 4		WINDOW TYPE 5		WINDOW TYPE 6	
NOTE: Seating in bay window. Refer to details.		NOTE: Seating in bay window. Refer to details.		NOTE: Seating in bay window. Refer to details.		NOTE: In proximity of escape route. Cill height = 1100mm		NOTE: In proximity of escape route. Cill height = 1100mm		NOTE: In proximity of escape route. Cill height = 1100mm	
Tag: GW01, GW07, GW14 Quantity: 3 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Restrictor fitted to window to restrict opening to 100mm Special: Safety glass to lower panes (glass below 800mm) Upper operable windows to have mechanical winder opening system		Tag: GW02, GW08, GW13 Quantity: 3 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Restrictor fitted to window to restrict opening to 100mm Special: Safety glass to lower panes (glass below 800mm) Upper operable windows to have mechanical winder opening system		Tag: GW03, GW04, GW09, GW10, GW11, GW 12, GW20, GW21, GW22 Quantity: 9 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Restrictor fitted to window to restrict opening to 100mm Special:		Tag: GW05 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium n/a Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Safety glass to lower panes Special:		Tag: GW06 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Restrictor fitted to window to restrict opening to 100mm Special: Upper operable windows to have mechanical winder opening system		Tag: GW15 & GW16 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: n/a Reveals: napp plaster bands to match Special: Restrictor fitted to window to restrict opening to 100mm Safety glass to lower panes (glass below 800mm) Upper operable windows to have mechanical winder opening system. Special colour to Client/Architect's approval.	

WINDOW TYPE 7	WINDOW TYPE 8	WINDOW TYPE 9	WINDOW TYPE 10	WINDOW TYPE 11	WINDOW TYPE 12
Tag: GW17 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Special: Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm). Upper operable windows to have mechanical winder opening system	Tag: GW18 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Special: Corner window. Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm). Upper operable windows to have mechanical winder opening system	Tag: GW19 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Special: Corner window. Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm). Upper operable windows to have mechanical winder opening system	Tag: GW23 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Special: Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm). Upper operable windows to have mechanical winder opening system	Tag: GW24 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium white/ chrome. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match Reveals: Special: Corner window. Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm). Upper operable windows to have mechanical winder opening system	Tag: GW25 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium TBC Sills: TBC Reveals: Special: Office reception window. Incorporate means of communication and secure transaction.

SPECIFICATIONS

- ## **General**
- 1.1 Provide complete window assemblies including frames, glazing, hardware, fixings, sealants, and accessories necessary for a fully functional installation.
- 1.2 All products and workmanship shall comply with the current Irish Building Regulations, relevant EN Standards, and DOE guidelines for school buildings.
- ## **2. Submittals**
- 2.1 Shop Drawings: Submit complete shop drawings for all window types prior to commencement of fabrication.
- Drawings shall include:
- Profiles, opening arrangements, glazing details, thermal breaks, drainage, and hardware.
 - Interfaces with adjacent construction and finishes.
- 2.2 Declaration of Performance (DoP): Provide manufacturer's CE marking documentation and Declaration of Performance.
- 2.3 Samples/Mock-ups: Provide samples of proposed frames and glazing for review if requested by the Architect.
- 2.4 Special Windows: Submit proposals for any non-standard or special window types (e.g. office reception windows, security-rated or acoustic windows) for approval prior to ordering.
- ## **3. Dimensions**
- 3.1 All dimensions shall be taken and verified on site prior to fabrication.
- 3.2 Adjust fabrication drawings to reflect actual site conditions and coordinate with structural openings, internal partitions, and façade finishes.
- ## **4. Performance Requirements**
- 4.1 Thermal Performance: Windows to achieve or exceed U-values in line with current TGD Part L – Conservation of Fuel and Energy requirements for schools, and **as specified in the Part L Compliance Report**.
- 4.2 Acoustic Performance: Provide glazing systems to meet acoustic attenuation levels suitable for teaching environments (in accordance with TGD Part E – Sound).
- 4.3 Safety: Provide safety glazing where required under BS EN 12660 and ensure restricted opening devices where required for child safety.
- 4.4 Security: Windows to comply with EN 1627 (burglar resistance) where specified.
- ## **5. Glazing Requirements**
- 5.1 Provide anti-glare treatment to all high-level classroom and circulation windows to control glare and solar gain.
- 5.2 Double or triple glazing to include low-E coatings and argon filling as appropriate.
- 5.3 Laminated or toughened safety glass to be used in compliance with safety standards for schools.
- ## **6. Fabrication & Installation**

7. Completion

On completion, provide: As-built drawings, Operation and maintenance manuals, Manufacturer's warranties.

BLINDS: Provide internal blinds to all teaching spaces. Blinds to comply with BS EN 13120. Blinds to be manually operated, heavy-duty roller blinds with steel tube, springless mechanism, side-winder chain control and child safety devices.

Blinds to be light-coloured, dense basket-weave sunscreen material selected to: eliminate glare to teaching wapps, whiteboards and projection screens, reduce solar gain, maintain adequate daylight to the space.

Indicative performance criteria: Light transmission 9-12%; solar absorption 17-20%; openness factor 3-5%

Blinds to east and south-facing classroom windows to have 3% openness factor and **provide secondary blinds** with 1% openness to windows adjacent to teaching walls with interactive boards where required for low sun conditions. Blinds to be identical in colour.

Final blinds selection to be confirmed following full-size on site mock up to a representative teaching space with AV equipment in use.

Blinds to be flame retardant and suitable for use in places of assembly. Provide certification as required.

Blinds to be measured and coordinated following windows installation and prior to manufacture.

Details to be submitted for approval.

NOTES :

This drawing is copyright and may not be copied or altered without permission.

Use only figured dimensions. Do not scale this drawing.

The contractor is responsible for checking all dimensions on site prior to construction

The Architects are to be notified of any discrepancies prior to work commencing.

Levels and contours, shown on drawings, are relative to local datum unless specified

[illegible]

CLIENT :		QUEEN OF ANGELS PRIMARY SCHOOL	
PROJECT :		Additional Accommodation	
ADDRESS :		Wedgewood, Sandymount, Dublin, 16	
DRAWING :			
WINDOWS SCHEDULE (1 of 2)			
CAD REF:	SCALE :	DWG. NO.:	
22518-TEN	1:50	22518-TEN-001	
DATE:	BY:		
M.C.	28.04.2016		

