

General Notes:					
This drawing is to be read for 'Window & External Door Schedule' purposes only.					
This drawing is to be read in conjunction with the following DLA Architecture drawings:					
2018-051 / 0221 - 0227 inclusive for 'Proposed Floor Plans'					
2018-051 / 0221 for 'Proposed GL Sections'					
2018-051 / 0242 inclusive for 'Proposed Elevations'					
2018-051 / 0261 for 'Acoustic Strategy'					
This drawing is to be read in conjunction with all relevant Structural Engineers detail design drawings and specifications.					
This drawing is to be read in conjunction with all relevant Mechanical & Electrical Engineers detail design drawings and specifications.					
All dimensions, levels and details relating to existing construction to be verified on site and any discrepancies reported to the Architect.					
Note: This drawing is 'design intent' only - Specialist Sub-Contractor design point					
DLA DESIGN INTENT ONLY					
EXTERNAL GLAZING WORKS PACKAGE					
General:					
This drawing is 'design intent' only and is subject to development by the respective Design Sub-Contractor. The design, installation and performance of the completed window systems are the responsibility of the Design Sub-Contractor. Please read alongside project outline specification.					
The Design Sub-Contractor is to produce fabrication drawings for comment by the Architect prior to any manufacture.					
Setting out to be established and checked on site prior to any manufacture.					
For locations of windows and doors, refer to DLA Architecture drawing nos 2018-051 / 0221 - 0227 (6A Plans) & 2018-051 / 0242 (Elevations)					
Only overall external (masonry) opening dimensions are stated on this drawing. Design Sub-Contractor to make necessary allowance for required tolerances.					
Crawled support plates will be required to support and restrain the base of the window system within the exterior, fixing back to the ULSF system, to the satisfaction of the frame designer.					
All sill flashings, sill stop ends, closure pieces and framework cappings, perimeter mastic sealants etc. to be supplied and installed by the Design Sub-Contractor.					
All ground floor glazing systems and external doors to accord with the requirements of 'Secured by Design' to PAS 24 or LPS175:2011 and in accordance with Building Regulations Approved Document Part 3 'Security - Dwellings'.					
Replacement windows typically to be timber framed with paint finish and double glazed units as manufactured by 'Gerson Benda' or similar, equal & approved, installed in strict accordance with manufacturer's details. Make allowance for site measure of existing windows, in order to make window profiles and fixtures to existing where possible (e.g. sash horns, etc.).					
New windows to rear elevation typically to be spec aluminium framed and double glazed units as Xaamex A4327 or similar approved, to the requirements of BS 4875:2004 and installed in strict accordance with manufacturer's details.					
The perimeter frame are to be mechanically fixed in strict accordance with the manufacturer's recommendations and sealed by gun applied low modulus silicon sealant (colour to match frames) or a polyethylene backing rod. Sealant to be suitable for proposed location / adjacent materials (e.g. zinc, copper, natural stone).					
All glazing to double-glazed units as 'Secure Glazing' or similar approved, to be designed by specialist glazing sub-contractor to comply with the requirements of BS 6859, BS 6875, Part 1 and 2, BS EN 12208, BS EN 12209 and Part 4 of the Building Regulations. Thermal shock analysis to be provided by specialist glazing sub-contractor for their proposed glazing specifications. Reference to be made to MBS Section L40 for proposed specification / requirements.					
Building Control Authority Approval:					
The scheme is subject to Building Regulations approval and as such, products and materials stated on these drawings may be subject to comment by the regulatory body.					
All glazing at Ground Floor Level is to achieve 'safe breakage' according with Building Regulations Approved Document Part 6A Protection against impact with glazing Section 5.					
All glazing to Upper Floor Levels to accord with barrier loading requirements as stipulated in BS 6180:2011 Table 2 Minimum horizontal imposed loads for parapets, barrier and balustrades to a height of 1100mm. Reference to be made to separate DLA Architecture drawing 2018-051 / 0262 'Guarding / Loading Plans'					
Diagonal hatching denotes where a solid, ceramic tile fix is to be applied to the 3rd face of glass. Colour: T60 Leaded Aluminium - pending sample approval. An insulated backing panel is to be applied to the rear of glass to avoid thermal shock issues.					
Reference also to be made to MBS Section L10.					
Planning Approval / Listed Building Consent:					
The scheme has been granted Planning Approval and Listed Building Consent, however Conditions require discharging in respect of the proposed windows and external doors. Therefore, products and materials stated on these drawings may be subject to comment and approval by the regulatory body.					
Operation:					
Windows will be either side hung, sliding sash or pivot to suit ventilation strategy requirements and will be fitted with 'tamperproof' permanent restrictions for normal safe usage. Where sill height is less than 800mm windows to be restricted to max 100mm opening in accordance with Part 4 of the Building Regulations. Reference to be made to MBS Section L20 for proposed specification and ironmongery requirements.					
Door Type A					
PVC insulated steel security doorset as 'Access Door' or similar approved. Doorset to be complete with welded and reinforced frame and an integral channel to perimeter of door leaf and meeting stile. Doorset to incorporate low profile aluminium threshold to comply with Part M4 of the Building Regulations. Overlap to be of safe construction and finish as doors, complete with handle panel and insect mesh backing. Reference to be made to DLA drawing 2018-051 / 0730 for access control strategy and MBS Section L20 for proposed specification and ironmongery requirements.					
Door Type B					
PVC aluminium / glass door within Residential entrance glazing system, all to specialist sub-contractor's details. Door to be fully draught-proofed, complete with robust low profile and finished aluminium threshold strip to comply with Part M of the Building Regulations. Reference to be made to DLA drawing 2018-051 / 0730 for access control strategy and MBS Section L20 for proposed specification and ironmongery requirements.					
Door Type C					
PVC aluminium / glass door within A3 Unit entrance glazing system, all to specialist sub-contractor's details. Door to be fully draught-proofed, complete with robust low profile and finished aluminium threshold strip to comply with Part M of the Building Regulations. Reference to be made to DLA drawing 2018-051 / 0730 for access control strategy and MBS Section L20 for proposed specification and ironmongery requirements.					
Door Type D					
PVC aluminium lift / slide door as Xaamex A4327 or similar approved. Door to have top and bottom rails, no mid rails are to be provided. Door to be fully draught-proofed, complete with integral track / sliding mechanism and associated seals. Reference to be made to DLA Architecture drawing 2018-051 / 0730 for access control strategy and MBS Section L20 for proposed specification and ironmongery requirements.					
Door Type E					
PVC aluminium lift / slide door as Xaamex A4327 or similar approved. Door to have top and bottom rails, no mid rails are to be provided. Door to be fully draught-proofed, complete with integral track / sliding mechanism and associated seals. Reference to be made to DLA Architecture drawing 2018-051 / 0730 for access control strategy and MBS Section L20 for proposed specification and ironmongery requirements.					
Ventilation:					
Not applicable. MHR system to MBE Engineer's details.					
Acoustics:					
Reference to be made to Hare Lea LLP Acoustic Report					
The front (North and West Facing) elevations face directly onto a busy ring road.					
The rear (South and East Facing) elevations face onto a relatively quiet private road.					
Type A Glazing: 3448 Rw + Ctr					
Type B Glazing: 2748 Rw + Ctr					
Thermal					
Thermal properties (unless advised otherwise by the MBE consultant) will be in line with those stated in Approved Document Part 6a (reference to be made to DLA drawing 2018-051 / 0260 for Thermal Extents Plans).					
New Extension					
Windows - 1.6 W/mK (g-value - 0.41).					
Existing Building					
Doors - replaced 1.8 W/mK.					
Windows - replaced 1.6 W/mK (g-value 0.41).					
The manufacturer is to provide project specific calculations to confirm that their proposals achieve these requirements.					
* = Glazing to be 'low iron' specification. Provide sample for approval.					
Wind Loading:					
To be advised by the Structural Engineer (Dudley)					
External Door Schedule					
Door Reference	Type	S/O - Height x Width	Cill height above FFL	Head to above FFL	Acoustic Rating
D-EX-B-01	A	2400x1600mm *	-	2400mm	-
Note: Increase existing opening height. PAS 24. Locked panel over cill in insect mesh.					
D-EX-Q-01	B	3015x1900mm *	-	3015mm	-
Note: PAS 24. Feature 'copper' canopy on DLA drawing 2018-051 / 0305.					
D-EX-Q-02	C	3950x2745mm *	-	3950mm	-
Note: PAS 24. Feature 'copper' canopy on DLA drawing 2018-051 / 0304.					
D-EX-Q-03	D	2195x1065mm *	-	2195mm	-
Note: Existing timber door to be retained, made good where necessary, suitably repaired and re-coated. Colour: RAL 7021 (Black Grey).					
D-EX-Q-01	D	2050x2338mm	350mm	2400mm	B
D-EX-Q-02	E	2050x668mm	350mm	2400mm	B
D-EX-Q-03	D	2050x2338mm	350mm	2400mm	B
Notes					
* Denotes window in existing opening. Site measure to be undertaken.					
Window Schedule					
Window Reference	Type	S/O - Height x Width	Cill height above FFL	Head to above FFL	Acoustic Rating
W-0-01	A	2545x1850mm *	800mm	3145mm	A
W-0-02	A	2545x1850mm *	800mm	3145mm	A
W-0-03	A	2545x1850mm *	800mm	3145mm	A
W-0-04	A	2545x1850mm *	800mm	3145mm	A
W-0-05	A	2530x1550mm *	815mm	3145mm	A
W-0-06	A	2530x1550mm *	815mm	3145mm	A
W-0-07	A	2530x1550mm *	815mm	3145mm	A
W-0-08	A	2530x1550mm *	815mm	3145mm	A
W-0-09	-	-	-	-	-
W-0-10	B	3100x1550mm *	35mm	3145mm	-
W-0-11	B	3100x1550mm *	35mm	3145mm	-
W-0-12	B	3100x1550mm *	35mm	3145mm	-
W-0-13	B	3100x1550mm *	35mm	3145mm	-
W-0-14	-	-	-	-	-
W-0-15	A1	2300x1750mm *	875mm	3175mm	-
W-0-16	A1	2300x1750mm *	875mm	3175mm	-
W-0-17	A1	2285x1200mm *	875mm	3160mm	-
W-0-18	A1	2285x1200mm *	875mm	3160mm	-
W-0-19	-	-	-	-	-
W-0-20	A1	2285x1800mm *	875mm	3160mm	-
W-0-21	A1	2285x1200mm *	875mm	3160mm	-
W-0-22	A1	2285x1800mm *	875mm	3160mm	-
W-0-23	A1	2285x1800mm *	875mm	3160mm	-
W-1-01	C	2050x1400mm *	670mm	2765mm	A
W-1-02	C	2050x1400mm *	670mm	2765mm	A
W-1-03	C	2050x1400mm *	670mm	2765mm	A
W-1-04	C	2050x1400mm *	670mm	2765mm	A
W-1-05	C	2050x1400mm *	670mm	2765mm	A
W-1-06	C	2050x1400mm *	670mm	2765mm	A
W-1-07	C	2050x1400mm *	670mm	2765mm	A
W-1-08	C	2050x1400mm *	670mm	2765mm	A
W-1-09	C1	2075x1720mm *	670mm	2765mm	A
W-1-10	C	2050x1400mm *	670mm	2765mm	A
W-1-11	C	2050x1400mm *	670mm	2765mm	A
W-1-12	C	2050x1400mm *	670mm	2765mm	A
W-1-13	C	2050x1400mm *	670mm	2765mm	A
W-1-14	C	2050x1400mm *	670mm	2765mm	B
W-1-15	C1	2145x1800mm *	670mm	2815mm	B
W-1-16	C1	2145x1800mm *	670mm	2815mm	B
W-1-17	C1	2145x1800mm *	670mm	2815mm	B
W-1-18	C1	2145x1800mm *	670mm	2815mm	B
W-1-19	C1	2145x1800mm *	670mm	2815mm	B
W-1-20	C1	2145x1800mm *	670mm	2815mm	B
W-1-21	C1	2145x1800mm *	670mm	2815mm	B
W-1-22	C1	2145x1800mm *	670mm	2815mm	B
W-1-23	C1	2145x1800mm *	670mm	2815mm	B
W-1-24	D	1900x800mm	800mm	2700mm	B
W-1-25	D	1900x800mm	800mm	2700mm	B
W-1-26	E	1900x1640mm	630mm	2700mm	B
W-2-01	F	2050x1650mm *	620mm	2655mm	A
W-2-02	F	2050x1650mm *	620mm	2655mm	A
W-2-03	F	2050x1650mm *	620mm	2655mm	A
W-2-04	F	2050x1650mm *	620mm	2655mm	A
W-2-05	F	2050x1650mm *	620mm	2655mm	A
W-2-06	F	2050x1650mm *	620mm	2655mm	A
W-2-07	F	2050x1650mm *	620mm	2655mm	A
W-2-08	E	2050x1400mm *	620mm	2655mm	A
W-2-09	F1	2050x1650mm *	620mm	2675mm	A
W-2-10	F	2050x1650mm *	620mm	2675mm	A
W-2-11	F	2050x1650mm *	620mm	2675mm	A
W-2-12	F	2025x1650mm *	620mm	2645mm	A
W-2-13	F	2025x1650mm *	620mm	2645mm	A
W-2-14	F	2025x1650mm *	620mm	2645mm	A
W-2-15	F1	2050x1650mm *	605mm	2700mm	B
W-2-16	F1	2050x1650mm *	605mm	2700mm	B
W-2-17	F1	2050x1650mm *	605mm	2700mm	B
W-2-18	F1	2050x1650mm *	605mm	2700mm	B
W-2-19	F1	2050x1650mm *	605mm	2700mm	B
W-2-20	F1	2050x1650mm *	605mm	2700mm	B
W-2-21	F1	2050x1650mm *	605mm	2700mm	B
W-2-22	F1	2050x1650mm *	605mm	2700mm	B
W-2-23	F1	2050x1650mm *	605mm	2700mm	B
W-2-24	D	1900x800mm	800mm	2700mm	B
W-2-25	D	1900x800mm	800mm	2700mm	B
W-2-26	-	-	-	-	-
W-3-01	G	1855x1160mm *	170mm	2055mm	A
W-3-02	G	1855x1160mm *	170mm	2055mm	A
W-3-03	G	1855x1160mm *	170mm	2055mm	A
W-3-04	G	1855x1160mm *	170mm	2055mm	A
W-3-05	G	1870x1160mm *	170mm	2040mm	A
W-3-06	G	1870x1160mm *	170mm	2040mm	A
W-3-07	G	1870x1160mm *	170mm	2040mm	A
W-3-08	G	1870x1160mm *	170mm	2040mm	A
W-3-09	G	1855x1160mm *	170mm	2025mm	A
W-3-10	G	1855x1160mm *	170mm	2025mm	A
W-3-11	G	1855x1160mm *	170mm	2025mm	A
W-3-12	G	1875x1160mm *	170mm	2045mm	A
W-3-13	G	1875x1160mm *	170mm	2045mm	A
W-3-14	G	1875x1160mm *	170mm	2045mm	A
W-3-15	G1	1915x1800mm *	170mm	2085mm	A
W-3-16	G1	1915x1800mm *	170mm	2085mm	A
W-3-17	G1	1915x1800mm *	170mm	2085mm	B
W-3-18	G1	1915x1800mm *	170mm	2085mm	B
W-3-19	G1	1915x1800mm *	170mm	2085mm	B
W-3-20	G1	1915x1800mm *	170mm	2085mm	B
W-3-21	G1	1915x1800mm *	170mm	2085mm	B
W-3-22	G1	1915x1800mm *	170mm	2085mm	B
W-3-23	G1	1915x1800mm *	170mm	2085mm	B
W-3-24	H	2050x1750mm *	880mm	2915mm	B
W-3-25	H	2050x1750mm *	880mm	2915mm	B
W-3-26	J	2005x1350mm *	855mm	2855mm	B
W-3-27	H	2005x1375mm *	845mm	2870mm	B
W-3-28	K	1980x1375mm *	900mm	2880mm	B
W-3-29	K	1980x1375mm *	900mm	2880mm	B
W-3-30	K	1980x1375mm *	900mm	2880mm	B
W-3-31	L	1980x1375mm *	900mm	2880mm	B
W-4-01	L	2250x1400mm	700mm	2000mm	A
W-4-02	L	2250x1400mm	700mm	2000mm	A
W-4-03	L	2250x1400mm	700mm	2000mm	A
W-4-04	L	2250x1400mm	700mm	2000mm	A
W-4-05	L	2250x1400mm	700mm	2000mm	A
W-4-06	L	2250x1400mm	700mm	2000mm	A
W-4-07	L	2250x1400mm	700mm	2000mm	A
W-4-08	L	2250x1400mm	700mm	2000mm	A
W-4-09	L	2250x1400mm	700mm	2000mm	A
W-4-10	L	2250x1400mm	700mm	2000mm	A
W-4-11	L	2250x1400mm	700mm	2000mm	A
W-4-12	L	2250x1400mm	700mm	2000mm	A
W-4-13	L	2250x1400mm	700mm	2000mm	A
W-4-14	L	2250x1400mm	700mm	2000mm	A
W-4-15	L	2250x1400mm	700mm	2000mm	A
W-4-16	L	2250x1400mm	700mm	2000mm	A
W-4-17	L	2250x1400mm	700mm	2000mm	A
W-4-18	L	2250x1400mm	700mm	2000mm	A
W-4-19	L	2250x1400mm	700mm	2000mm	A
Notes					
* Denotes window in existing opening. Site measure to be undertaken.					