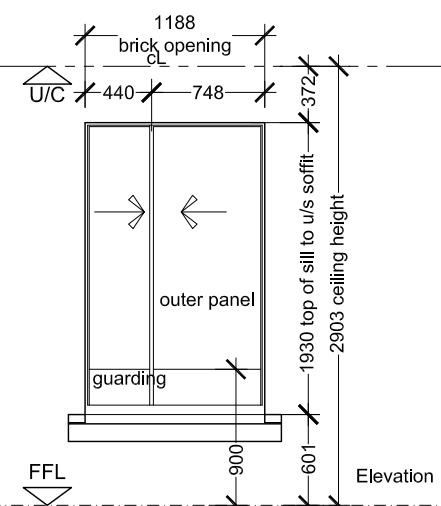
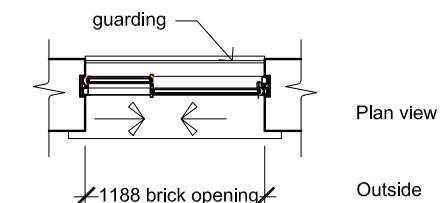
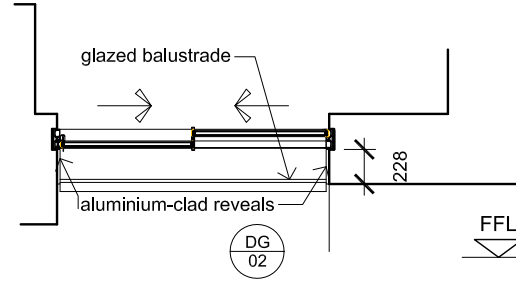
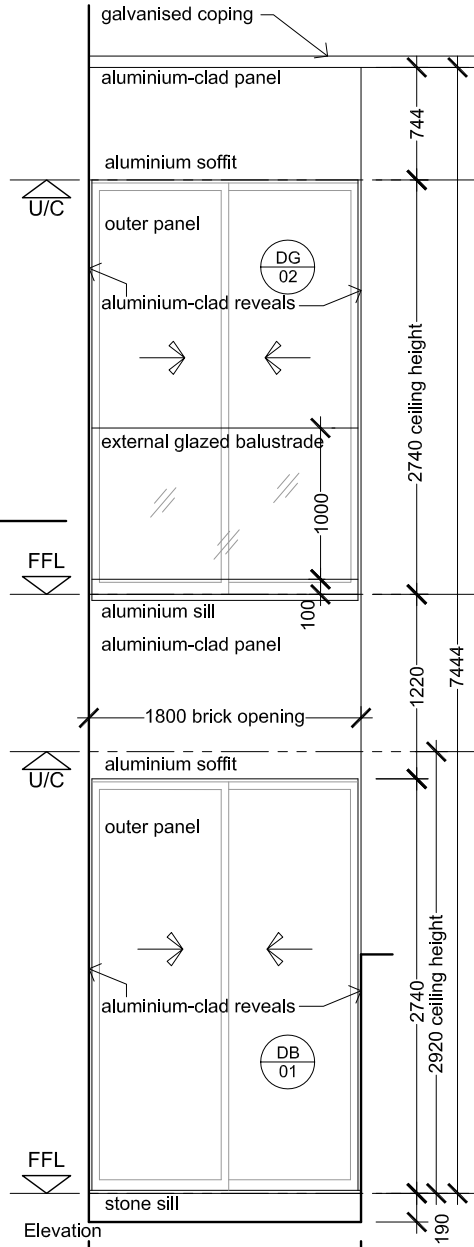
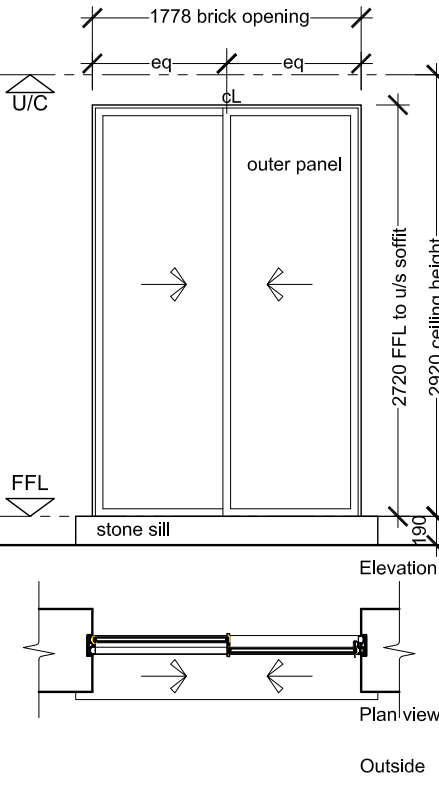


Reference: WF.14		
Location: Dressing (FF.08)		
North elevation, first floor		
		
		
Window type: Thermally broken double glazed thin profile aluminium sections.		
Arrangement : Sliding windows with integrated glazed guarding internally.		
Clear opening: 1200mm wide x 1950mm high		
Frame Size: Semi-recessed		
Head detail: TBC	Sill detail: TBC	Jamb detail: TBC
U value: Minimum system value 1.4 W/m²K		
Glazing: G.TYPE.01		
Trickle vents : Not required		
Internal Finish: PPC , colour TBC		
External Finish: PPC , colour TBC		
Hardware: Proprietary handles and keyed locks.		
Notes: Stone sill, brick head and brick reveals. To be suitable as means of escape.		

Reference: DG.02 & DB.01		
Location: Study (GF.04) & Gymnasium (B.01)		
South elevation, ground floor & basement		
		
Ground floor plan view		
Outside		
		
Door type: Thermally broken double glazed thin profile aluminium sections.		
Arrangement: Sliding doors, integrated external glazed balustrade, aluminium-clad panels above doors and external reveals, aluminium sill to DB.01, aluminium reveals to both door (including drips).		
Clear opening: 1800mm wide x 7444mm high		
Frame Size: Semi-recessed		
Head detail: TBC	Sill detail: TBC	Jamb detail: TBC
U value: Minimum system value 1.4 W/m²K		
Glazing: G.TYPE.02		
Trickle vents : Not required		
Internal Finish: PPC , colour TBC		
External Finish: PPC , colour TBC		
Hardware: Proprietary handles and keyed locks.		
Notes: Stone sill to DB.01, slot drain and galvanised coping by main contractor.		

Reference: DB.02		
Location: Living Room (B.03)		
East elevation, basement		
		
Door type: Thermally broken double glazed thin profile aluminium sections.		
Arrangement : Sliding doors.		
Clear opening: 1200mm wide x 2740mm high		
Frame Size: Semi-recessed.		
Head detail: TBC	Sill detail: TBC	Jamb detail: TBC
U value: Minimum system value 1.4 W/m²K		
Glazing: G.TYPE.01		
Trickle vents : Not required		
Internal Finish: PPC , colour TBC		
External Finish: PPC , colour TBC		
Hardware: Proprietary handles and keyed locks.		
Notes: Stone sill, brick head and brick reveals.		

WINDOW / DOOR PERFORMANCE SPECIFICATION

MINIMUM CERTIFIED / TESTED CRITERIA:
Combined thermally-broken aluminium-framed and double-glazed window thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined thermally-broken aluminium-framed and double-glazed door thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined timber casement door and aluminium-frames thermal transmittance U-value to be at least 1.6w/m2K or better.
Combined thermally-broken framed and unframed double-glazed rooflight thermal transmittance U-value to be at least 1.3w/m2K or better.

GLAZING:
Performance of double-glazed units combined with frames to achieve the U-values stated above. Thickness of glass to suit size of frame and wind loadings, external panel to be at least 6.8mm toughened glass (to comply with Part Q of the building regulations) 6.0mm toughened glass internally with 16mm cavity. All glass to be clear unless otherwise stated.
G.TYPE 01 - toughened double-glazed sealed unit, warm edge spacer bars (colour to match colour of frame), Argon gas-filled cavity, ClimaGuard A+ low-emissivity soft coating (by Guardian or equivalent and approved). To North and East elevations.
G.TYPE 02 - as G.TYPE 01 above except it is to have SunGuard SN70/41solar protection coating (by Guardian or equivalent and approved). To South and West elevations.
G.TYPE 03 - walk-on toughened double-glazed sealed unit, warm edge spacer bar (colour to match colour of frame), Argon gas-filled cavity, with self-cleaning coating. To rooflights.

IRONMONGERY:
Handles, hinges, locks etc, as standard by supplier, options and finishes to be presented to Architect for approval. All doors and windows to be key lockable.

FINISH:
Metallic polyester powder coated (PPC) internally and externally, unless otherwise stated, colour to be same both sides, colour TBC.

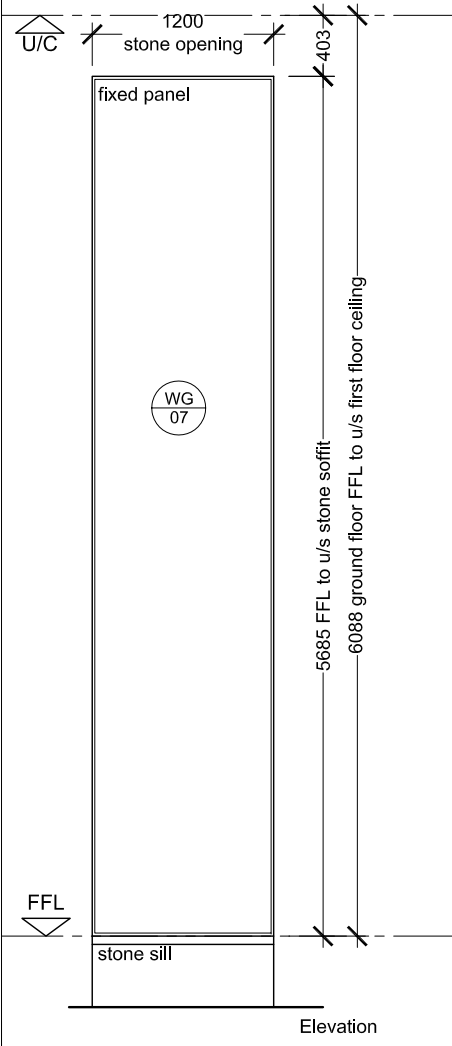
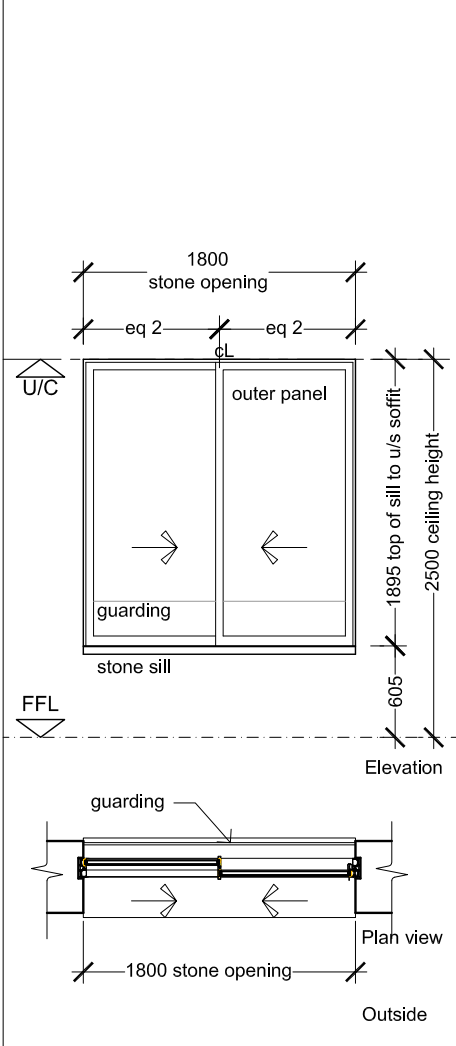
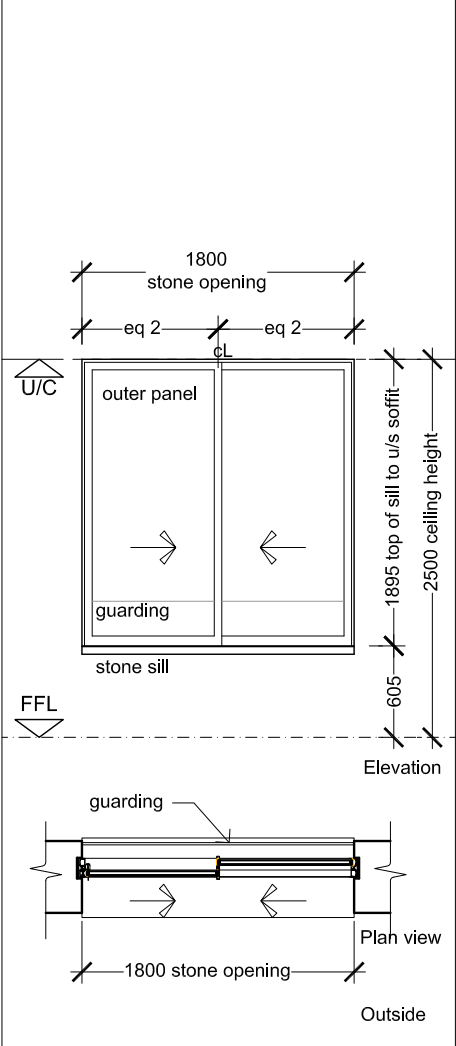
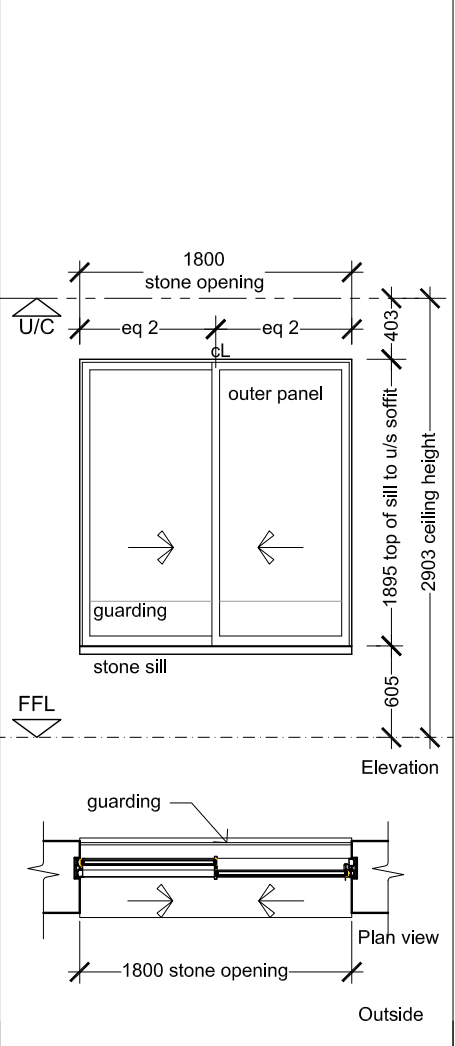
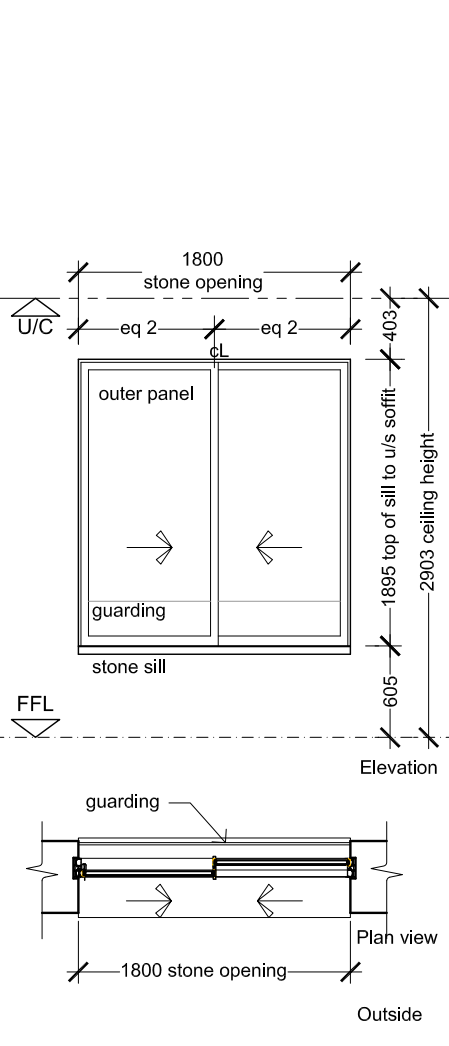
CLEAR OPENING IS:
Face-to-face of internal finished reveal and brick-to-brick external reveal, excluding cills. Sizes shown on drawings are approximate and are to suit co-ordinating sizes of bricks, bricks are non-standard sizes and TBC.

FRAME WEATHER-SEALING / AIR-TIGHTNESS:
To be weather-sealed all around, onto building grounds, use 20mm wide Compriband 600 foam seal breathable tape, onto external face, black, set back 5mm, depth to suit, by Tremco Illbruck or equivalent.
Intermediate void filled with silicone sprayfoam full height and width.
Internal face, seal all around with air tight self adhesive foil faced tape, width to suit, by Tremco Illbruck or equivalent. Mastic (colour TBC) to be applied at junction with frame and external finish, by main contractor.

BUILDING REGULATIONS and STANDARDS
To be in compliance with all relevant standards.
To be in compliance with the relevant Building Regulations, including:
Document K (Protection from falling, collision and impact),
Document L1a (Conservation of fuel and power in new dwellings),
Document N (Glazing - safety in relation to impact, opening and cleaning),
Document Q (Security - Dwellings).

- NOTES :**
- Elevation drawings are viewed from outside.
 - Window and door sizes to be checked and surveyed on site by supplier prior to manufacture.
 - Suppliers' fabrication drawings to be submitted to Architect for comment prior to manufacture.
 - Assumed tolerances are 10mm at each head, cill & jamb unless otherwise advised by supplier.
 - Surrounds & grounds to be level, true, flush, by main contractor.
 - Cavity closers & vertical DPC's installed by main contractor in accordance with construction details and good practice.
 - To be securely fixed using proprietary galvanized straps / plates.
 - To be weather-sealed all around between frame and casements.
 - Door and windows that are supplied by supplier are to be installed by supplier, including arranging cranes where necessary, in co-ordination with main contractor.
 - Trickle vents not required as house will have ventilation system.
 - All units (including the glass) are to have at least 10 year warranties.
 - All external brick opening reveals to be full-brick depth (brick size 228mm).

<div>general notes</div>				<div>notes</div>				<div><div></div><div>project name</div><div>115 FROGNAL LONDON NW3</div><div></div><div>drawing title</div><div>EXTERNAL DOOR AND WINDOW SCHEDULE</div></div> <div><div>StudioMarkRuthven architecture</div><div>92 Prince of Wales Road, London, NW5 3NE</div><div>11 & 13 Patwell Street, Bruton, BA10 0EQ</div><div>T 020 7485 0050</div></div>						
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<div>purpose of issue</div> <div>TENDER</div>														
rev		notes		date	by	checked	scale 1:50 & 1:100 @ A3		date 18.10.16		project ref.	drawing no.		revision
* for construction do not scale from this drawing. * check all dimensions on site.							drawn by PW		checked .		FRG	FRG-814		A

Reference: WG.07 Location: Hall (GF.01) South elevation, ground & first floors	Reference: WF.08 Location: Ensuite 2 (FF.06) West elevation, first floor	Reference: WF.09 Location: Bedroom 2 (FF.07) West elevation, first floor	Reference: WF.10 Location: Dressing (FF.08) South elevation, first floor	Reference: WF.12 Location: Ensuite 1 (FF.10) South elevation, first floor	
					
Window type: Thermally broken double glazed thin profile aluminium.	Window type: Thermally broken double glazed thin profile aluminium sections.	Window type: Thermally broken double glazed thin profile aluminium sections.	Window type: Thermally broken double glazed thin profile aluminium sections.	Window type: Thermally broken double glazed thin profile steel sections.	
Arrangement : Fixed window.	Arrangement : Sliding window with integrated glazed guarding internally.	Arrangement : Sliding window with integrated guarding internally.	Arrangement: Sliding window with integrated guarding internally.	Arrangement: Sliding windows with integrated glazed guarding internally.	
Clear opening: 1200mm wide x 5685mm high	Clear opening: 1800mm wide x 1895m high	Clear opening: 1800mm wide x 1895m high	Clear opening: 1800mm wide x 1895mm high	Structural opening: 1800mm wide x 1895mm high	
Frame Size: Semi-recessed	Frame Size: Semi-recessed	Frame Size: Semi-recessed	Frame Size: Semi-recessed	Frame Size: Semi-recessed	
Head detail: TBC	Sill detail: TBC	Jamb detail: TBC	Head detail: TBC	Sill detail: TBC	Jamb detail: TBC
U value: Minimum system value 1.4 W/m²K	U value: Minimum system value 1.4 W/m²K	U value: Minimum system value 1.4 W/m²K	U value: Minimum system value 1.4 W/m²K	U value: Minimum system value 1.4 W/m²K	
Glazing: G.TYPE.02	Glazing: G.TYPE.02	Glazing: G.TYPE.02	Glazing: G.TYPE.02	Glazing: G.TYPE.02	
Trickle vents : Not required	Trickle vents : Not required	Trickle vents : Not required	Trickle vents : Not required	Trickle vents : Not required	
Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC	
External Finish: PPC , colour TBC	External Finish: PPC , colour TBC	External Finish: PPC , colour TBC	External Finish: PPC , colour TBC	External Finish: PPC , colour TBC	
Hardware: TBC	Hardware: Proprietary handle and keyed lock.	Hardware: Proprietary handle and keyed lock.	Hardware: Proprietary handle and keyed lock.	Hardware: Proprietary handle and keyed lock.	
Notes: See drawing FRG-820 for arrangement within south/west elevation.	Notes: See drawing FRG-820 for arrangement within south/west elevation. To be compliant as a means of fire escape.	Notes: See drawing FRG-820 for arrangement within south / west elevation. To be compliant as a means of fire escape.	Notes: See drawing FRG-820 for arrangement within south / west elevation. To be compliant as means of fire escape.	Notes: See drawing FRG-820 for arrangement within south / west elevation. To be compliant as a means of fire escape.	

WINDOW / DOOR PERFORMANCE SPECIFICATION

MINIMUM CERTIFIED / TESTED CRITERIA:
Combined thermally-broken aluminium-framed and double-glazed window thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined thermally-broken aluminium-framed and double-glazed door thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined timber casement door and aluminium-frames thermal transmittance U-value to be at least 1.6w/m2K or better.
Combined thermally-broken framed and unframed double-glazed rooflight thermal transmittance U-value to be at least 1.3w/m2K or better.

GLAZING:
Performance of double-glazed units combined with frames to achieve the U-values stated above. Thickness of glass to suit size of frame and wind loadings, external panel to be at least 6.8mm toughened glass (to comply with Part Q of the building regulations) 6.0mm toughened glass internally with 16mm cavity. All glass to be clear unless otherwise stated.
G.TYPE 01 - toughened double-glazed sealed unit, warm edge spacer bars (colour to match colour of frame), Argon gas-filled cavity, KlimaGuard A+ low-emissivity soft coating (by Guardian or equivalent and approved). To North and East elevations.
G.TYPE 02 - as G.TYPE 01 above except it is to have SunGuard SN70/41solar protection coating (by Guardian or equivalent and approved). To South and West elevations.
G.TYPE 03 - walk-on toughened double-glazed sealed unit, warm edge spacer bar (colour to match colour of frame), Argon gas-filled cavity, with self-cleaning coating. To rooflights.

IRONMONGERY:
Handles, hinges, locks etc, as standard by supplier, options and finishes to be presented to Architect for approval. All doors and windows to be key lockable.

FINISH:
Metallic polyester powder coated (PPC) internally and externally, unless otherwise stated, colour to be same both sides, colour TBC.

CLEAR OPENING IS:
Face-to-face of internal finished reveal and brick-to-brick external reveal, excluding cills. Sizes shown on drawings are approximate and are to suit co-ordinating sizes of bricks, bricks are non-standard sizes and TBC.

FRAME WEATHER-SEALING / AIR-TIGHTNESS:
To be weather-sealed all around, onto building grounds, use 20mm wide Comriband 600 foam seal breathable tape, onto external face, black, set back 5mm, depth to suit, by Tremco Illbruck or equivalent.
Intermediate void filled with silicone sprayfoam full height and width.
Internal face, seal all around with air tight self adhesive foil faced tape, width to suit, by Tremco Illbruck or equivalent. Mastic (colour TBC) to be applied at junction with frame and external finish, by main contractor.

BUILDING REGULATIONS and STANDARDS
To be in compliance with all relevant standards.
To be in compliance with the relevant Building Regulations, including:
Document K (Protection from falling, collision and impact),
Document L1a (Conservation of fuel and power in new dwellings),
Document N (Glazing - safety in relation to impact, opening and cleaning),
Document Q (Security - Dwellings).

- NOTES :**
- Elevation drawings are viewed from outside.
 - Window and door sizes to be checked and surveyed on site by supplier prior to manufacture.
 - Suppliers' fabrication drawings to be submitted to Architect for comment prior to manufacture.
 - Assumed tolerances are 10mm at each head, cill & jamb unless otherwise advised by supplier.
 - Surrounds & grounds to be level, true, flush, by main contractor.
 - Cavity closers & vertical DPC's installed by main contractor in accordance with construction details and good practice.
 - To be securely fixed using proprietary galvanized straps / plates.
 - To be weather-sealed all around between frame and casements.
 - Door and windows that are supplied by supplier are to be installed by supplier, including arranging cranes where necessary, in co-ordination with main contractor.
 - Trickle vents not required as house will have ventilation system.
 - All units (including the glass) are to have at least 10 year warranties.
 - All external brick opening reveals to be full-brick depth (brick size 228mm).

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purpose of issue TENDER			drawing title EXTERNAL DOOR AND WINDOW SCHEDULE	92 Prince of Wales Road, London, NW5 3NE 11 & 13 Patwell Street, Bruton, BA10 0EQ T 020 7485 0050
			rev notes	project ref.
			date by checked	drawing no.
			scale 1:50 @ A3	revision
			drawn by PW	
			checked .	
			* for construction do not scale from this drawing. * check all dimensions on site.	

Reference: DG.03 Location: Reception (GF.05) West elevation, ground floor	
Window type: Thermally broken double glazed thin profile aluminium sections.	
Arrangement: Sliding doors, with fixed panel.	
Structural opening: 4500mm wide x 3190mm high	
Frame Size: Semi-recessed	
Head detail: TBC	Sill detail: TBC
Jamb detail: TBC	
U value: Minimum system value 1.4 W/m ² K	
Glazing: G.TYPE.02	
Trickle vents : Not required	
Internal Finish: PPC , colour TBC	
External Finish: PPC , colour TBC	
Hardware: Proprietary handle and keyed lock.	
Notes: See drawing FRG-820 for arrangement within south / west elevation.	

Reference: WF.11 Location: Bedroom 1 (FF.09) South elevation, first floor	
Window type: Thermally broken double glazed thin profile steel sections.	
Arrangement: Sliding windows with fixed central panel, integrated glazed guarding and support post internally.	
Structural opening: 5100mm wide x 1895mm high	
Frame Size: Semi-recessed	
Head detail:	Sill detail:
TBC	TBC
Jamb detail:	
TBC	
U value: Minimum system value 1.4 W/m²K	
Glazing: G.TYPE.02	
Trickle vents : Not required	
Internal Finish: PPC , colour TBC	
External Finish: PPC , colour TBC	
Hardware: Proprietary handles and key locks.	
Notes: See drawing FRG-820 for arrangement within south / west elevation. To be compliant as a means of fire escape.	

WINDOW / DOOR PERFORMANCE SPECIFICATION

MINIMUM CERTIFIED / TESTED CRITERIA:
Combined thermally-broken aluminium-framed and double-glazed window thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined thermally-broken aluminium-framed and double-glazed door thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined timber casement door and aluminium-frames thermal transmittance U-value to be at least 1.6w/m2K or better.
Combined thermally-broken framed and unframed double-glazed rooflight thermal transmittance U-value to be at least 1.3w/m2K or better.

GLAZING:
Performance of double-glazed units combined with frames to achieve the U-value stated above. Thickness of glass to suit size of frame and wind loadings, external panel to be at least 6.8mm toughened glass (to comply with Part Q of the building regulations) 6.0mm toughened glass internally with 16mm cavity. All glass to be clear unless otherwise stated.
G.TYPE 01 - toughened double-glazed sealed unit, warm edge spacer bars (colour to match colour of frame), Argon gas-filled cavity, ClimaGuard A+ low-emissivity soft coating (by Guardian or equivalent and approved). To North and East elevations.
G.TYPE 02 - as G.TYPE 01 above except it is to have SunGuard SN70/41 solar protection coating (by Guardian or equivalent and approved). To South and West elevations.
G.TYPE 03 - walk-on toughened double-glazed sealed unit, warm edge spacer bar (colour to match colour of frame), Argon gas-filled cavity, with self-cleaning coating. To rooflights.

IRONMONGERY:
Handles, hinges, locks etc, as standard by supplier, options and finishes to be presented to Architect for approval. All doors and windows to be key lockable.

FINISH:
Metallic polyester powder coated (PPC) internally and externally, unless otherwise stated, colour to be same both sides, colour TBC.


CLEAR OPENING IS:
Face-to-face of internal finished reveal and brick-to-brick external reveal, excluding cills. Sizes shown on drawings are approximate and are to suit co-ordinating sizes of bricks, bricks are non-standard sizes and TBC.

FRAME WEATHER-SEALING / AIR-TIGHTNESS:
To be weather-sealed all around, onto building grounds, use 20mm wide Compriband 600 foam seal breathable tape, onto external face, black, set back 5mm, depth to suit, by Tremco Illbruck or equivalent.
Intermediate void filled with silicone sprayfoam full height and width.
Internal face, seal all around with air tight self adhesive foil faced tape, width to suit, by Tremco Illbruck or equivalent. Mastic (colour TBC) to be applied at junction with frame and external finish, by main contractor.

BUILDING REGULATIONS AND STANDARDS
To be in compliance with all relevant standards.
To be in compliance with the relevant Building Regulations, including:
Document K (Protection from falling, collision and impact),
Document L1a (Conservation of fuel and power in new dwellings),
Document N (Glazing - safety in relation to impact, opening and cleaning),
Document Q (Security - Dwellings).

NOTES :
1. Elevation drawings are viewed from outside.
2. Window and door sizes to be checked and surveyed on site by supplier prior to manufacture.
3. Suppliers' fabrication drawings to be submitted to Architect for comment prior to manufacture.
4. Assumed tolerances are 10mm at each head, cill & jamb unless otherwise advised by supplier.
5. Surrounds & grounds to be level, true, flush, by main contractor.
6. Cavity closers & vertical DPC's installed by main contractor in accordance with construction details and good practice.
7. To be securely fixed using proprietary galvanized straps / plates.
8. To be weather-sealed all around between frame and casements.
9. Door and windows that are supplied by supplier are to be installed by supplier, including arranging cranes where necessary, in co-ordination with main contractor.
10. Trickle vents not required as house will have ventilation system.
11. All units (including the glass) are to have at least 10 year warranties.
12. All external brick opening reveals to be full-brick depth (brick size 228mm).

general notes				notes																			
<p>THIS DRAWING IS COPYRIGHT OF STUDIO MARK RUTHVEN. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE DESIGNER'S RISK ASSESSMENT, SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTATION AND DRAWINGS. STUDIO MARK RUTHVEN ACCEPT NO LIABILITY FOR ANY EXPENSE, LOSS OR DAMAGE OF WHATSOEVER NATURE AND HOWEVER ARISING FROM ANY VARIATION MADE TO THIS DRAWING OR IN THE EXECUTION OF THE WORK TO WHICH IT RELATES WHICH HAS NOT BEEN REFERRED TO THEM AND THEIR APPROVAL OBTAINED.</p> <p>FOR THE PURPOSE OF CONSTRUCTION DO NOT SCALE FROM THIS DRAWING OR THE COMPUTER DIGITAL DATA , ONLY FIGURED DIMENSIONS ARE TO BE USED.</p> <p>IF IN DOUBT ASK.</p>																							
purpose of issue																							
TENDER																							

												project name 115 FROGNAL LONDON NW3				drawing title EXTERNAL DOOR AND WINDOW SCHEDULE				StudioMarkRuthven architecture 92 Prince of Wales Road, London, NW5 3NE 11 & 13 Patwell Street, Bruton, BA10 0EQ T 020 7485 0050															
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																		FRG		FRG-816		A													
										* for construction do not scale from this drawing. * check all dimensions on site.										drawn by				PW				checked							

Reference: DG.04

Location: Kitchen (GF.06)

South elevation, ground floor

10500 stone opening

eq

eq

eq

eq

eq

eq

U/C

FFL

fixed door panel

2740 FFL to u/s ceiling & soffit

Elevation

10500 stone opening

slot drain

Plan view

Window type: Thermally broken double glazed thin aluminium sections.

Arrangement: Sliding doors and fixed panel

Structural opening: 10500mm wide x 2740mm high

Frame Size: Semi-recessed

Head detail:
TBC

Sill detail:
TBC

Jamb detail:
TBC

U value: Minimum system value 1.4 W/m²K

Glazing: G.TYPE.02

Trickle vents : Not required

Internal Finish: PPC , colour TBC

External Finish: PPC , colour TBC

Hardware: Proprietary handles and key locks.

Notes: See drawing FRG-820 for arrangement within south / west elevation.

Outside

WINDOW / DOOR PERFORMANCE SPECIFICATION

MINIMUM CERTIFIED / TESTED CRITERIA:
Combined thermally-broken aluminium-framed and double-glazed window thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined thermally-broken aluminium-framed and double-glazed door thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined timber casement door and aluminium-frames thermal transmittance U-value to be at least 1.6w/m2K or better.
Combined thermally-broken framed and unframed double-glazed rooflight thermal transmittance U-value to be at least 1.3w/m2K or better.

GLAZING:
Performance of double-glazed units combined with frames to achieve the U-value stated above. Thickness of glass to suit size of frame and wind loadings, external panel to be at least 6.8mm toughened glass (to comply with Part Q of the building regulations) 6.0mm toughened glass internally with 16mm cavity. All glass to be clear unless otherwise stated.
G.TYPE 01 - toughened double-glazed sealed unit, warm edge spacer bars (colour to match colour of frame), Argon gas-filled cavity, ClimaGuard A+ low-emissivity soft coating (by Guardian or equivalent and approved). To North and East elevations.
G.TYPE 02 - as G.TYPE 01 above except it is to have SunGuard SN70/41 solar protection coating (by Guardian or equivalent and approved). To South and West elevations.
G.TYPE 03 - walk-on toughened double-glazed sealed unit, warm edge spacer bar (colour to match colour of frame), Argon gas-filled cavity, with self-cleaning coating. To rooflights.

IRONMONGERY:
Handles, hinges, locks etc, as standard by supplier, options and finishes to be presented to Architect for approval. All doors and windows to be key lockable.

FINISH:
Metallic polyester powder coated (PPC) internally and externally, unless otherwise stated, colour to be same both sides, colour TBC.

CLEAR OPENING IS:
Face-to-face of internal finished reveal and brick-to-brick external reveal, excluding cills. Sizes shown on drawings are approximate and are to suit co-ordinating sizes of bricks, bricks are non-standard sizes and TBC.

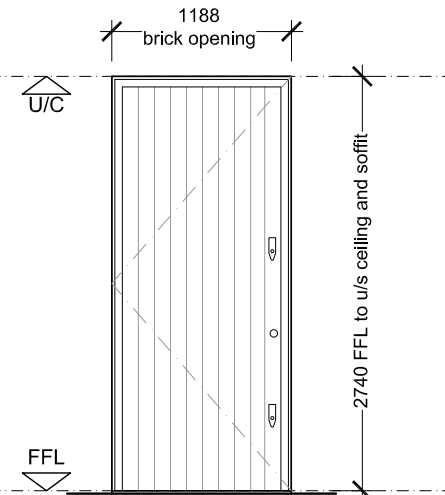
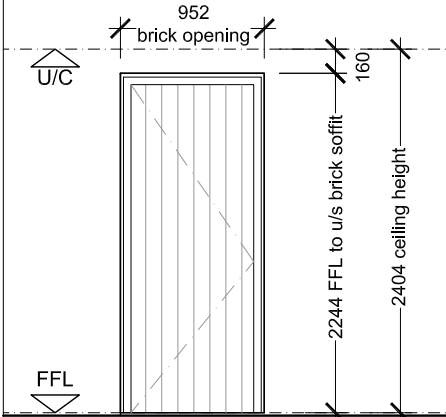
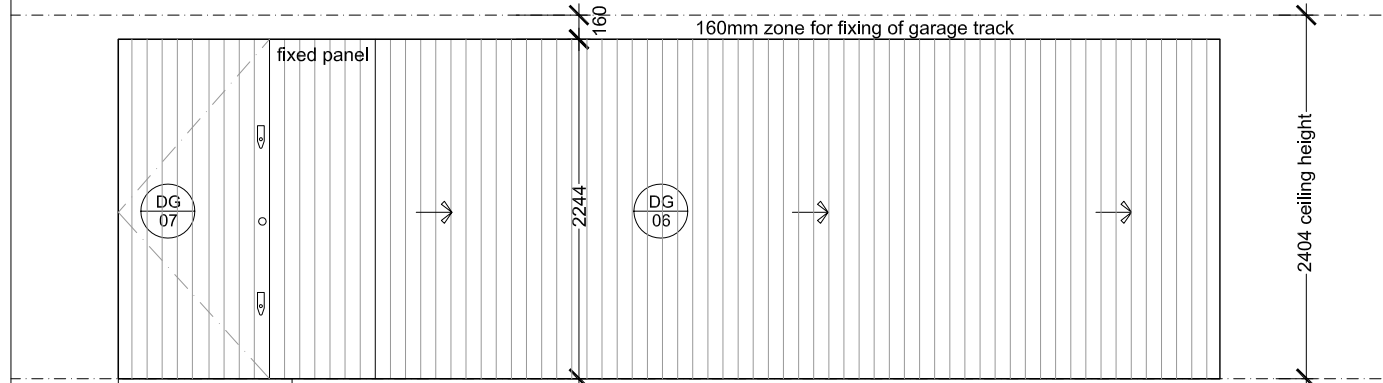
FRAME WEATHER-SEALING / AIR-TIGHTNESS:
To be weather-sealed all around, onto building grounds, use 20mm wide Compriband 600 foam seal breathable tape, onto external face, black, set back 5mm, depth to suit, by Tremco Illbruck or equivalent.
Intermediate void filled with silicone sprayfoam full height and width.
Internal face, seal all around with air tight self adhesive foil faced tape, width to suit, by Tremco Illbruck or equivalent. Mastic (colour TBC) to be applied at junction with frame and external finish, by main contractor.

BUILDING REGULATIONS AND STANDARDS
To be in compliance with all relevant standards.
To be in compliance with the relevant Building Regulations, including:
Document K (Protection from falling, collision and impact),
Document L1a (Conservation of fuel and power in new dwellings),
Document N (Glazing - safety in relation to impact, opening and cleaning),
Document Q (Security - Dwellings).

NOTES :
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3. Suppliers' fabrication drawings to be submitted to Architect for comment prior to manufacture.
4. Assumed tolerances are 10mm at each head, cill & jamb unless otherwise advised by supplier.
5. Surrounds & grounds to be level, true, flush, by main contractor.
6. Cavity closers & vertical DPC's installed by main contractor in accordance with construction details and good practice.
7. To be securely fixed using proprietary galvanized straps / plates.
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10. Trickle vents not required as house will have ventilation system.
11. All units (including the glass) are to have at least 10 year warranties.
12. All external brick opening reveals to be full-brick depth (brick size 228mm).

<div>general notes</div>				<div>notes</div>																			
<div><div>THIS DRAWING IS COPYRIGHT OF STUDIO MARK RUTHVEN. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE DESIGNER'S RISK ASSESSMENT, SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTATION AND DRAWINGS. STUDIO MARK RUTHVEN ACCEPT NO LIABILITY FOR ANY EXPENSE, LOSS OR DAMAGE OF WHATSOEVER NATURE AND HOWEVER ARISING FROM ANY VARIATION MADE TO THIS DRAWING OR IN THE EXECUTION OF THE WORK TO WHICH IT RELATES WHICH HAS NOT BEEN REFERRED TO THEM AND THEIR APPROVAL OBTAINED.</div><div>FOR THE PURPOSE OF CONSTRUCTION DO NOT SCALE FROM THIS DRAWING OR THE COMPUTER DIGITAL DATA , ONLY FIGURED DIMENSIONS ARE TO BE USED.</div><div>IF IN DOUBT ASK.</div></div>																							
<div><div>purpose of issue</div><div>TENDER</div></div>																							

														<div>project name</div> <div>115 FROGNAL LONDON NW3</div>				<div>StudioMarkRuthven architecture</div> <div>92 Prince of Wales Road, London, NW5 3NE</div> <div>11 & 13 Patwell Street, Bruton, BA10 0EQ</div> <div>T 020 7485 0050</div>					
														<div>drawing title</div> <div>EXTERNAL DOOR AND WINDOW SCHEDULE</div>									
rev		notes		date		by		checked		scale		1:50 @ A3		date		18.10.16		project ref.		drawing no.		revision	
																		FRG		FRG-817		A	

Reference: DG.01 Location: Hall (GF.01) North elevation, ground floor	Reference: DG.05 Location: Garage (GF.10) South elevation, ground floor	Reference: DG.06 & DG.07 Location: Garage (GF.10) & Lobby (GF.09) North elevation, ground floor
 <p>Elevation</p> <p>Plan view</p> <p>Outside</p>	 <p>Elevation</p> <p>Plan view</p> <p>Outside</p>	 <p>Elevation</p> <p>Plan view</p> <p>Outside</p>
Door type: Thermally broken thin profile aluminium section (frame), solid timber door leaf and stops/lining internally.	Door/window type: Thermally broken thin profile aluminium section (frame), solid timber door leaf and stops/lining internally.	Door type: Pedestrian door, fixed panel and automated sliding garage door by Rundum (or equivalent) model "Rundum original".
Arrangement : Solid timber door with steel frame to match adjacent windows.	Arrangement : Solid timber door with steel frame to match adjacent windows.	Arrangement : Pedestrian door to be inward opening, garage door to be sliding.
Clear opening: 1188mm wide x 2740mm high	Clear opening: 952mm wide x 2244mm high	Clear opening: 7300mm wide x 2244mm high
Frame Size: Semi-recessed	Frame Size: Semi-recessed	Frame Size: TBC
Head detail: TBC	Head detail: TBC	Head detail: TBC
Sill detail: TBC	Sill detail: TBC	Sill detail: TBC
Jamb detail: TBC	Jamb detail: TBC	Jamb detail: TBC
U value: Minimum system value 1.6 W/m²K	U value: Minimum system value 1.6 W/m²K	U value: Minimum system value 1.6 W/m²K
Glazing: NA	Glazing: NA	Glazing: TBC
Trickle vents : Not required	Trickle vents : Not required	Trickle vents : Not required
Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC	Internal Finish: PPC , colour TBC
External Finish: PPC , colour TBC	External Finish: PPC , colour TBC	External Finish: PPC , colour TBC
Hardware: Proprietary security locks and hardware, Tectus 3D concealed hinges (by Simonswerk).	Hardware: Proprietary security locks and hardware, Tectus 3D concealed hinges (by Simonswerk).	Hardware: TBC
Notes: Stone sill, brick head and brick reveals.	Notes: Stone sill, brick head and brick reveals.	Notes: Brick head and brick reveals. Proprietary locks and handles for pedestrian door.

WINDOW / DOOR PERFORMANCE SPECIFICATION

MINIMUM CERTIFIED / TESTED CRITERIA:
Combined thermally-broken aluminium-framed and double-glazed window thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined thermally-broken aluminium-framed and double-glazed door thermal transmittance U-value to be at least 1.4w/m2K or better.
Combined timber casement door and aluminium-frames thermal transmittance U-value to be at least 1.6w/m2K or better.
Combined thermally-broken framed and unframed double-glazed rooflight thermal transmittance U-value to be at least 1.3w/m2K or better.

GLAZING:
Performance of double-glazed units combined with frames to achieve the U-values stated above. Thickness of glass to suit size of frame and wind loadings, external panel to be at least 6.8mm toughened glass (to comply with Part Q of the building regulations) 6.0mm toughened glass internally with 16mm cavity. All glass to be clear unless otherwise stated.
G.TYPE 01 - toughened double-glazed sealed unit, warm edge spacer bars (colour to match colour of frame), Argon gas-filled cavity, ClimaGuard A+ low-emissivity soft coating (by Guardian or equivalent and approved). To North and East elevations.
G.TYPE 02 - as G.TYPE 01 above except it is to have SunGuard SN70/41solar protection coating (by Guardian or equivalent and approved). To South and West elevations.
G.TYPE 03 - walk-on toughened double-glazed sealed unit, warm edge spacer bar (colour to match colour of frame), Argon gas-filled cavity, with self-cleaning coating. To rooflights.

IRONMONGERY:
Handles, hinges, locks etc, as standard by supplier, options and finishes to be presented to Architect for approval. All doors and windows to be key lockable.

FINISH:
Metallic polyester powder coated (PPC) internally and externally, unless otherwise stated, colour to be same both sides, colour TBC.

CLEAR OPENING IS:
Face-to-face of internal finished reveal and brick-to-brick external reveal, excluding cills. Sizes shown on drawings are approximate and are to suit co-ordinating sizes of bricks, bricks are non-standard sizes and TBC.

FRAME WEATHER-SEALING / AIR-TIGHTNESS:
To be weather-sealed all around, onto building grounds, use 20mm wide Compriband 600 foam seal breathable tape, onto external face, black, set back 5mm, depth to suit, by Tremco Illbruck or equivalent.
Intermediate void filled with silicone sprayfoam full height and width.
Internal face, seal all around with air tight self adhesive foil faced tape, width to suit, by Tremco Illbruck or equivalent. Mastic (colour TBC) to be applied at junction with frame and external finish, by main contractor.

BUILDING REGULATIONS and STANDARDS
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To be in compliance with the relevant Building Regulations, including:
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- NOTES :**
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 - Window and door sizes to be checked and surveyed on site by supplier prior to manufacture.
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 - Surrounds & grounds to be level, true, flush, by main contractor.
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 - Trickle vents not required as house will have ventilation system.
 - All units (including the glass) are to have at least 10 year warranties.
 - All external brick opening reveals to be full-brick depth (brick size 228mm).

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purpose of issue TENDER			drawing title EXTERNAL DOOR SCHEDULE	92 Prince of Wales Road, London, NW5 3NE 11 & 13 Patwell Street, Bruton, BA10 0EQ T 020 7485 0050
		rev notes	date by checked	scale 1:50 @ A3 date 18.10.16 project ref. FRG drawing no. FRG-818 revision A
		* for construction do not scale from this drawing. * check all dimensions on site.		drawn by PW checked .

Reference: DG.14

Location: Bin Store

West elevation, ground floor

kitchen extract

1542 brick opening

354

2244

metal edge protectors and base plate

FFL 52.510

Elevation

FFL (INTERNALLY) TO U/S SOFFIT

wheelee bins behind 580 w x 740 d x 1070 h

BIN STORE

1542 brick opening

Plan view

Outside

Door/window type: Thin profile aluminium section (frame), solid timber door leaves.		
Arrangement : Pair of solid timber door and ventilation louvres panels		
Clear opening: 1542mm wide x 2244mm high		
Frame Size: Semi-recessed		
Head detail: TBC	Sill detail: TBC	Jamb detail: TBC
U value: NA		
Glazing: NA		
Trickle vents : NA		
Internal Finish: PPC , colour TBC		
External Finish: PPC , colour TBC		
Hardware: Locks compatible with local authority garbage collector's key.		
Notes: Brick head and brick reveals.		

WINDOW / DOOR PERFORMANCE SPECIFICATION

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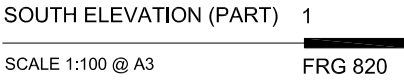
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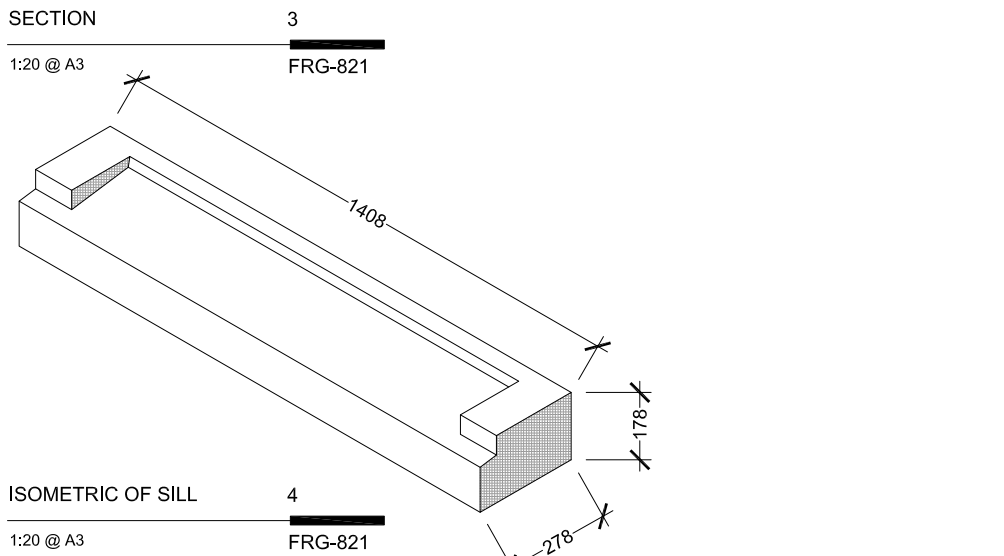
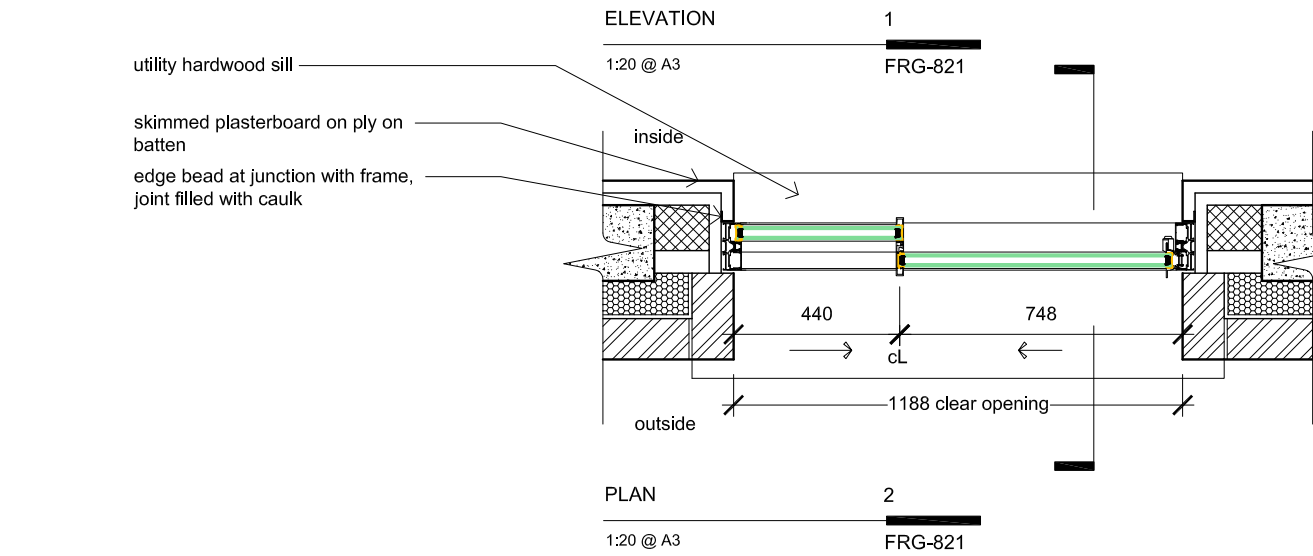
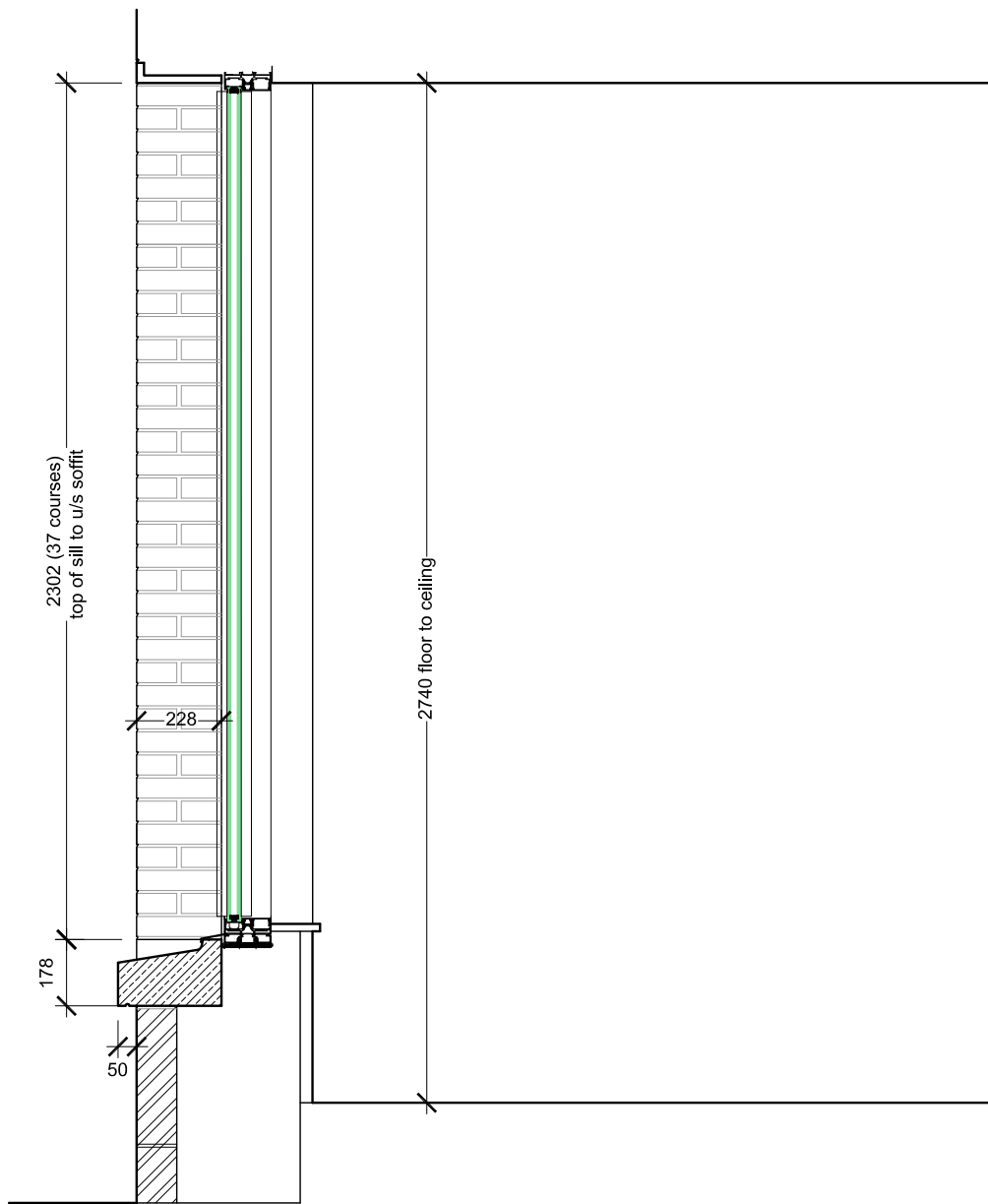
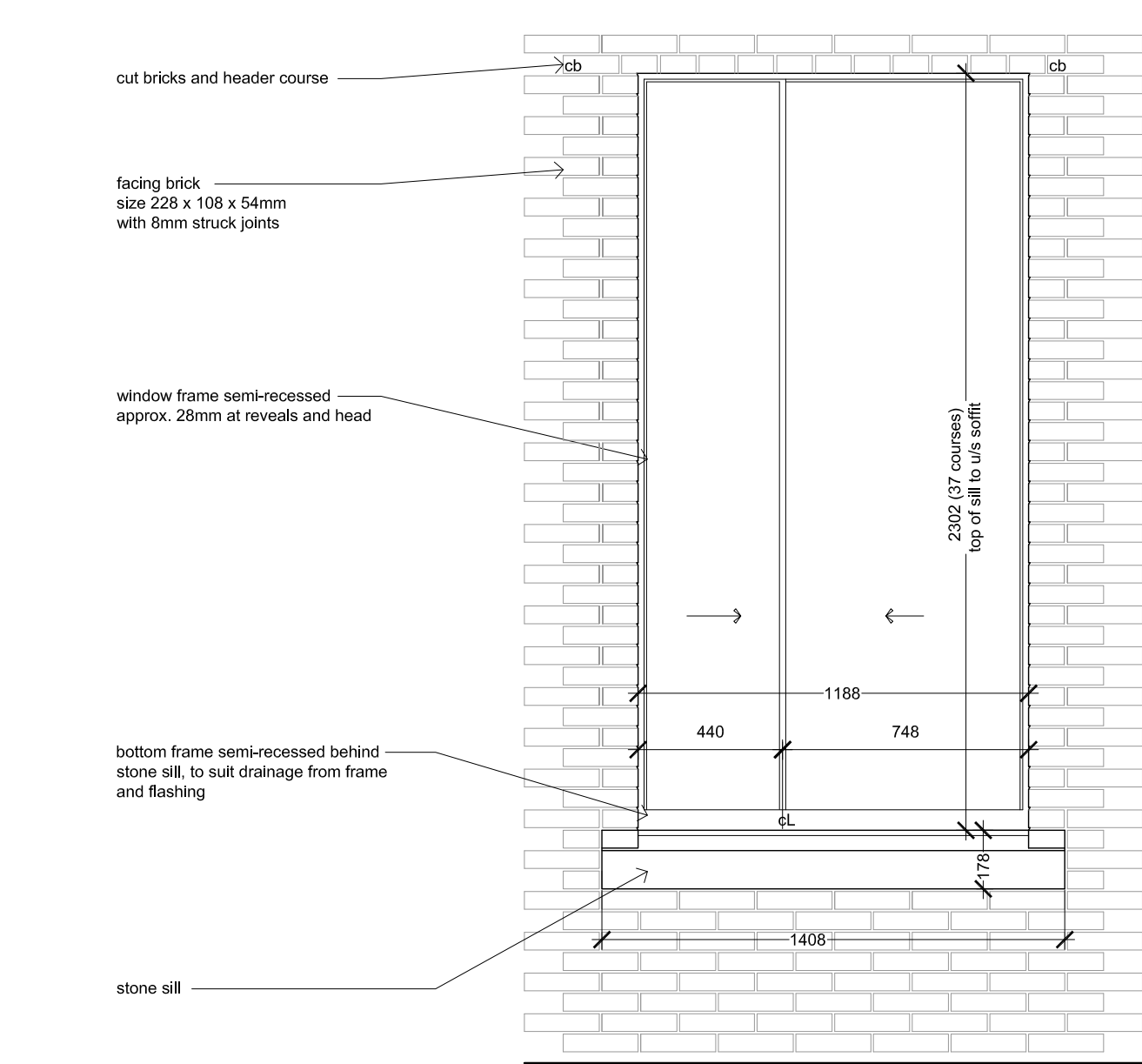
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[illegible]





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<div>purpose of issue</div> <div>TENDER</div>													<div>rev</div> <div>notes</div>	
								<div>* for construction do not scale from this drawing.</div> <div>* check all dimensions on site.</div>		<div>drawn by</div> <div>PW</div>		<div>checked</div> <div>.</div>		