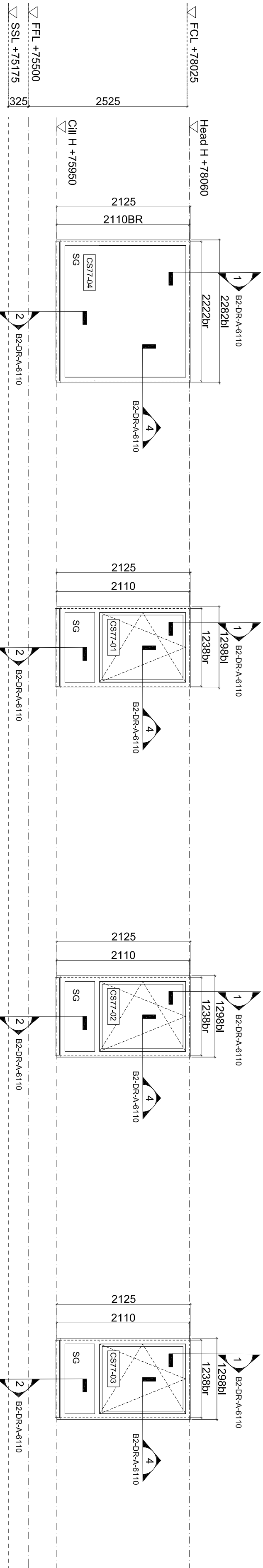


GROUND



Window No: GF/W02  
Background Ventilation: 5000m² equivalent area

Window No: GF/W03  
Background Ventilation: 5000m² equivalent area  
Minimum Opening Area: 1.4m²

Window No: GF/W04  
Background Ventilation: 5000m² equivalent area  
Minimum Opening Area: 1.4m²

Window No: GF/W05  
Background Ventilation: 5000m² equivalent area  
Minimum Opening Area: 1.4m²

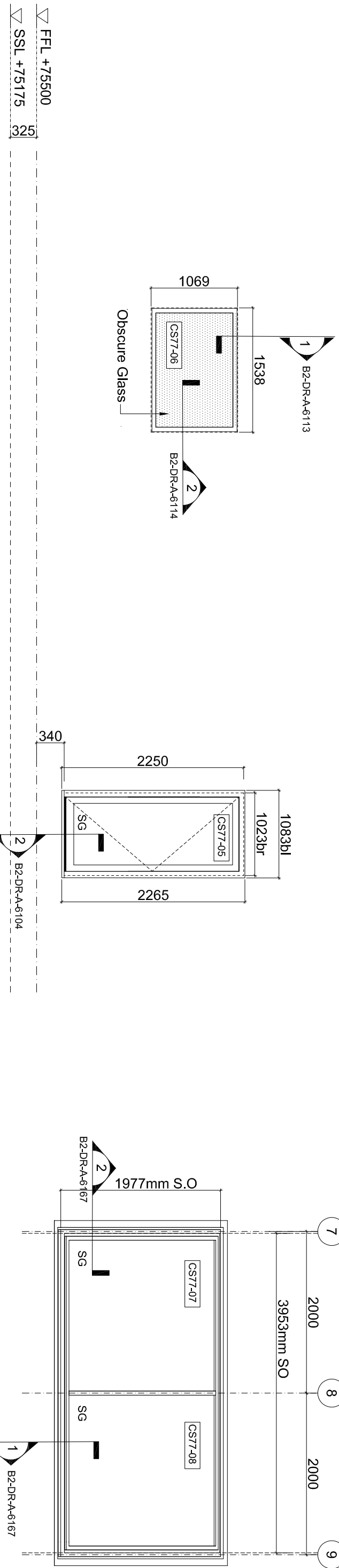
9 Ground Floor Staircase Window (North Elevation)  
1:50

10 Ground Floor Bedroom Window (North Elevation)  
1:50

11 Ground Floor Bedroom Window (North Elevation)  
1:50

12 Ground Floor Bedroom Window (North Elevation)  
1:50

GROUND



Window No: GF/W01  
Background Ventilation: 2500m² equivalent area

Door No: EXD-02

Rooflight No: RL/W01  
Background Ventilation: 5000m² equivalent area

13 Ground Floor Guest WC (West Elevation)  
1:50

14 Ground Floor Terrace Door (East Elevation)  
1:50

15 Mezzanine Rooflight (South Elevation)  
1:50

WINDOW & EXTERNAL DOOR GENERAL NOTES:

- Handing and Location** - Refer to floor plans and elevations.
- Dimensions** - Verify all windows and door sizes on site prior to manufacture.
- Appearance** - Accurate elevation and section drawings are to be provided indicating how transoms, mullions will be balanced, for approval, a minimum of 4 weeks prior to commencement of fabrication.
- Window samples** - Provide samples to planer and/or client when requested.
- Tolerances** - Specialist subcontractor to allow tolerances to fit, with reference to architects details for coordination with opening.
- Installation & Air tightness** - Install windows and external doors to provide draught resistance equal to that provided by the window. Gaps between frames and openings to be fully filled with expanding foam and sealed internally & externally, with appropriate sealant or expanding tape. Air tight membrane should be applied to the full perimeter of the frame.
- Installation & Frame Position** - Install frames in accordance with manufacturer's details and specifications following site specific architectural details.
- Installation & roof lights** - Roof lights are to be installed in accordance with details and manufacturer's information. Specialist consultant/subcontractor is to be responsible for ensuring appropriate structural opening is achieved.
- Lintels** - Refer to Structural Engineers' Information.
- Fire rating** - External windows and doors are not fire rated.
- Self Cleaning** - Self cleaning glass coating to be applied to the rooflight external pan.
- Glazing & U Value** - Raynear Aluminium Window System to provide U value 1.2W/m²K and G value of 0.63, all to be installed in accordance with manufacturer's details. Glazing minimum standard is:- Double glazed, low E coating, argon filled units. Refer to finishes schedule for colour.
- Laminated Glazing** - Where not shown on the schedule safety glazing is to be provided in accordance with Building Regulations Part K and to the 2011 copy of BS 6180. When used as an infill the glazing is to with stand a uniformly distributed load greater than 0.5kN/m². It is also to with stand and point load applied anywhere on the infill panel of 0.25kN. Where used as a balustrade the glazing is to withstand a horizontal uniformly distributed line load of 0.38kN/m. Refer to elevations for locations denoted as **SG** for where laminated glass is to be used.
- Secured by Design** - All External windows and doors are to be P-AS 24 Secured by Design approved.
- Glazing Beading** - All windows are to be internally beaded, unless window is certified by Secured by Design.
- Structure** - All windows are to meet loading requirements of BS 6375 Pt. 1.
- Hinges** - Hinges etc to meet BS 6375 Pt. 2 re. operation & strength characteristics. Hinges are to be non corrodible grade 300 Austenitic stainless steel. All windows to be cleanable from the inside in accordance with BS8213-1:2004. It is the window manufacturer's responsibility to advise design of opening system to ensure that all fire escape requirements, restrictors, and security requirements are met.
- Restrictors** - Refer to elevations. All windows specified with restrictors are to have a limiting system which restricts the opening with such that the opening light does not project greater than 100mm from the external face of brickwork. Ensure opens minimum of 15° to provide sufficient purge ventilation.
- Thicke Ventilation** - Refer to elevations for free area of trickle ventilation required. Where indicated, trickle ventilation is to be provided at both the top and bottom of window.
- Rapid ventilation** - Opening light or lights are to achieve a combined minimum free area as stated in the elevations. Window sub contractor's fabrication drawings are to confirm free area achieved for all windows.

NOTE

- Dimensions with "br" are for the structural opening in the external leaf of brick work.
- Dimensions with "br" are for the structural opening in the inner blockwork leaf.

