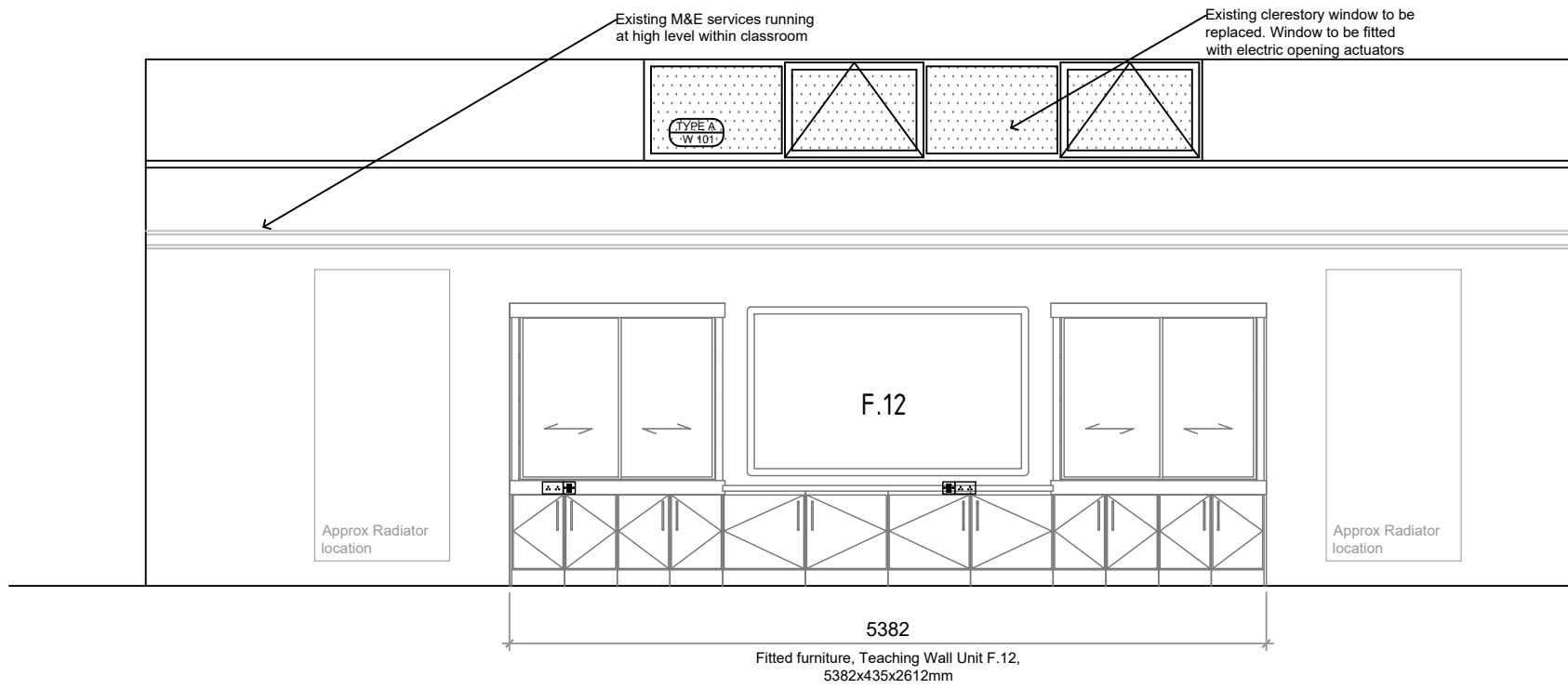
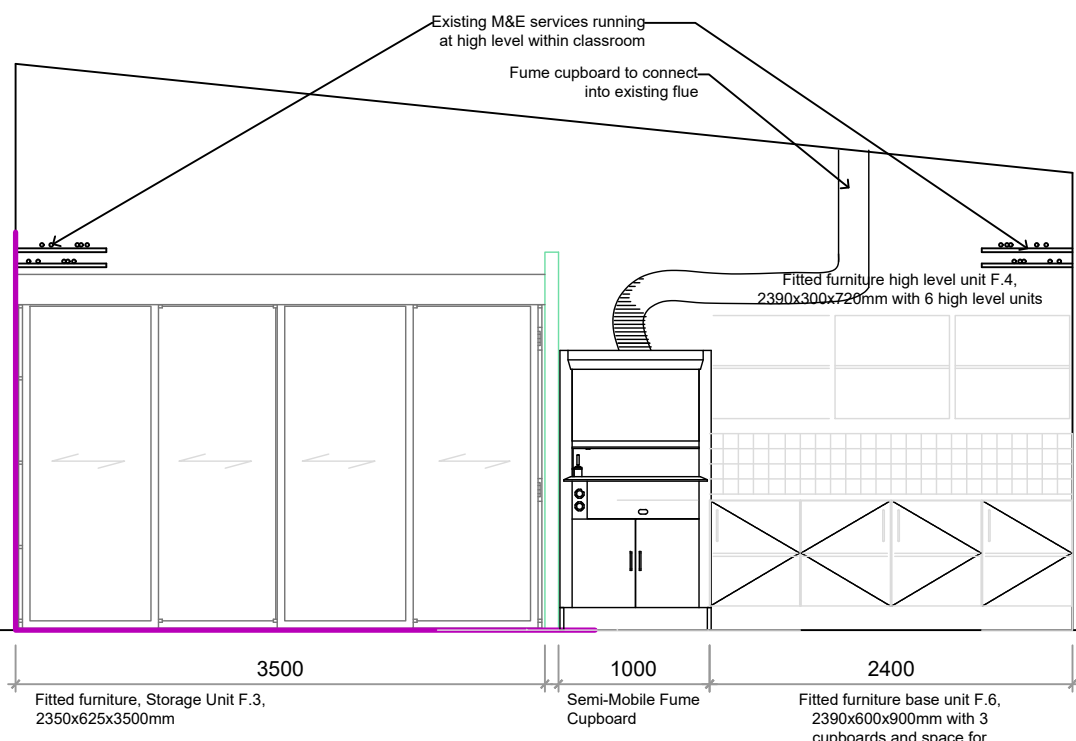


ROOM ELEVATIONS 1: 50



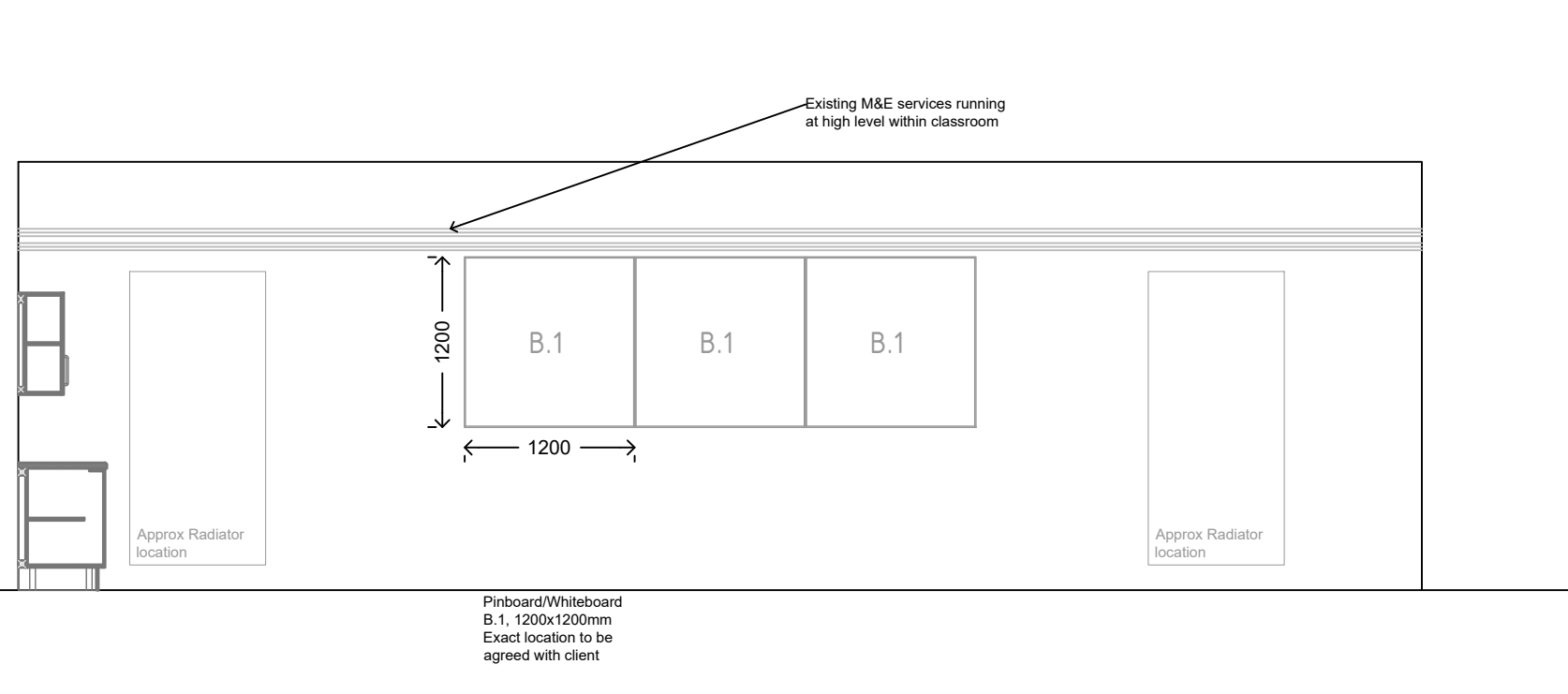
Science Laboratory

Elevation 1
1: 50



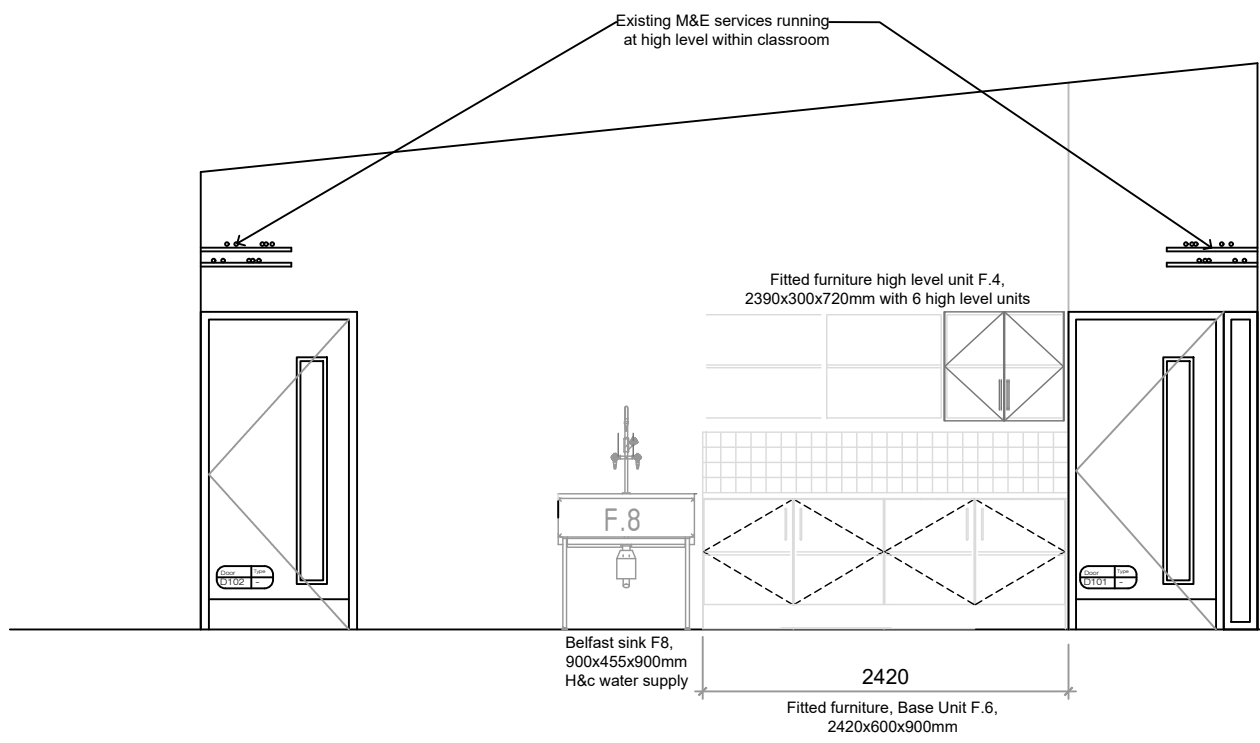
Science Laboratory

Elevation 2
1: 50



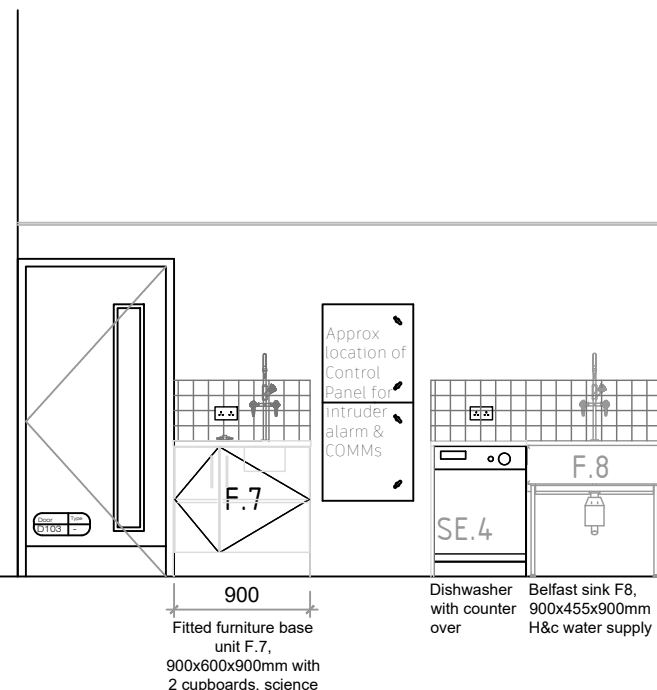
Science Laboratory

Elevation 3
1: 50



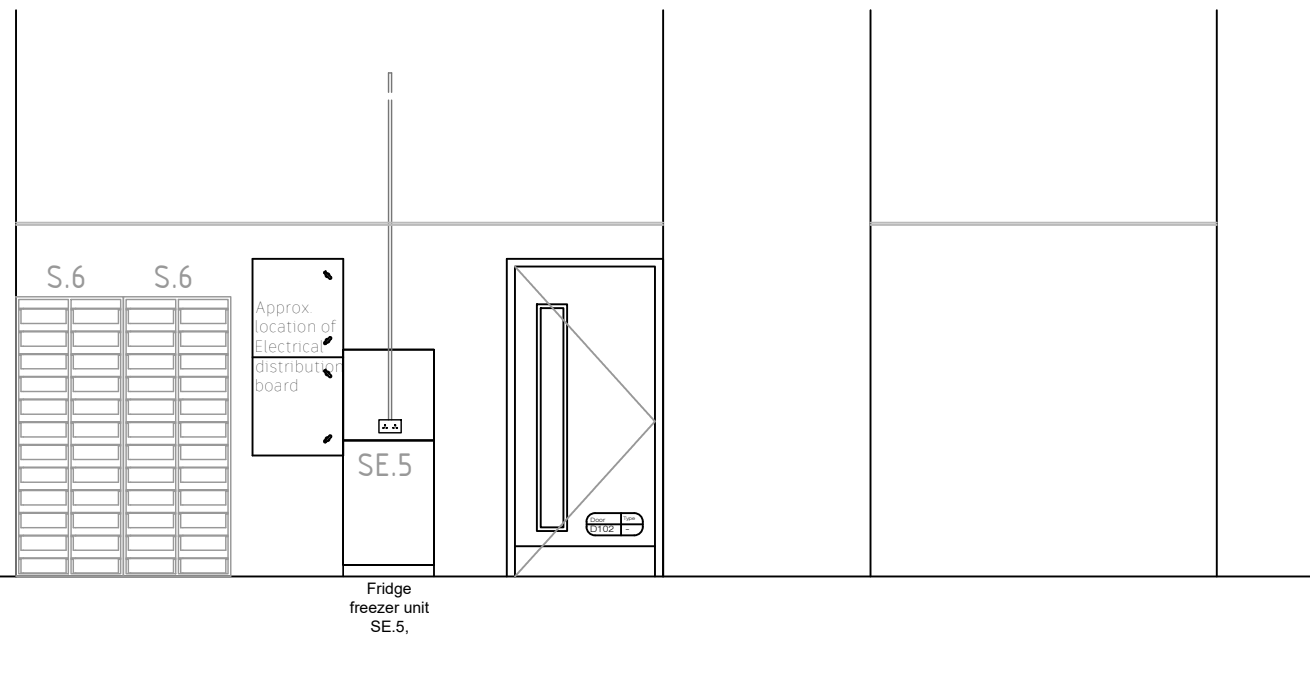
Science Laboratory

Elevation 4
1: 50



Prep Room

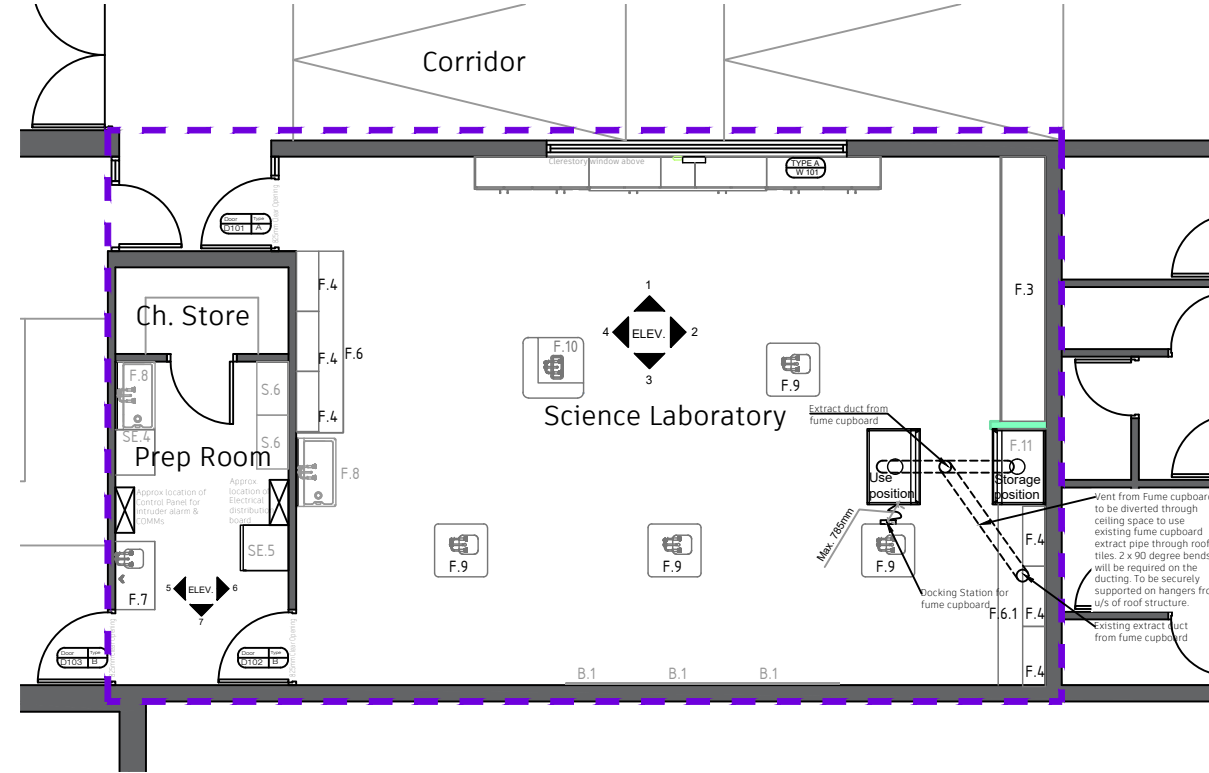
Elevation 5
1: 50



Prep Room

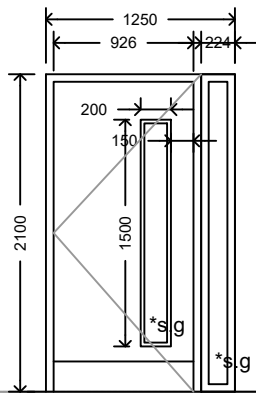
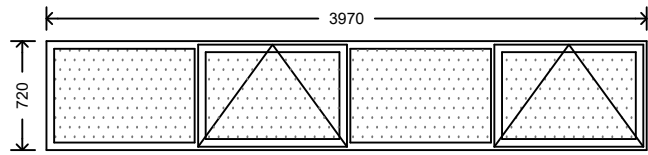
Elevation 6
1: 50

Elevation 7
1: 50



FLOOR PLAN 1: 100

DOOR & WINDOW SCHEDULES 1: 50



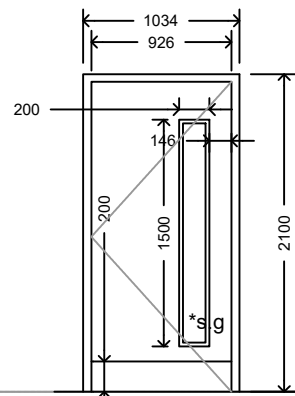
TYPE A

D101

FD30S door & screen

- 1 no. 2040 x 926 x 44mm solid block core hardwood door in hardwood frame
- 1500x200 vision panel
- 1 no. 224 x 2300 timber glazed side screen
- intumescent seals and smoke seals
- HGS Grade Laminate(formica or equivalent) finish with 15mm hardwood lipping to all 4 edges (ash). Colour TBC.
- safety FD30S clear glass throughout
- self closer
- kickplates
- Ironmongery to schedule
- permanent manifestation as shown
- protective finger guards along the hinged edge of the door for safety purposes
- Door to contrast the wall that it is set against by min. 30LRV points.
- Ironmongery is to contrast the door by min.15LRV points.
- The opening force when measured from the leading edge of the door, should be not more than 30N from 0° (the door in the closed position) to 30° open, and not more than 22.5N from 30° to 60°/degrees of the opening cycle. Doors that have a requirement to self-close for reasons of fire and smoke control, privacy, acoustics or energy control, should have closing devices fitted and adjusted so that the opening forces are well below these limits.
- Doorset to be fitted with identification badge in accordance with BS 8214:1990 to indicate the period of fire resistance, the manufacturer, year of manufacture.
- Door set assembly to be supported by a fire test report and assessment from an accredited laboratory.

MINIMUM CLEAR
OPENING TO BE 825mm



TYPE B

D102, D103

FD30S door

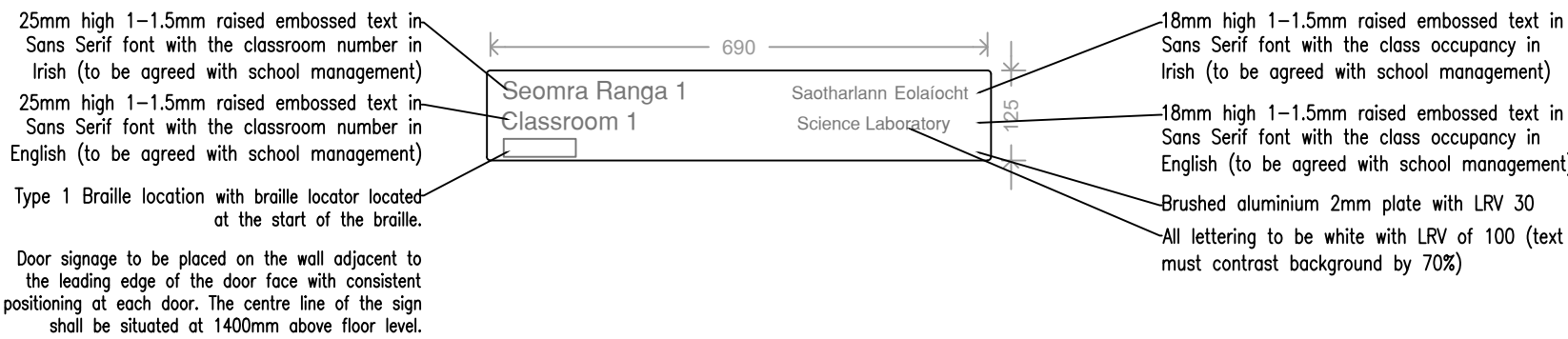
- 30 min. F.R. door
- 2040x 926 x 44mm solid block core hardwood door in hardwood frame
- 1500 x 200mm vision panel
- HGS Grade Laminate(formica or equivalent) finish with 15mm hardwood lipping to all 4 edges (ash). Colour TBC.
- Safety FD30S clear glass throughout
- intumescent seals and smoke seals
- kickplates
- self closer
- Door to contrast the wall that it is set against by min. 30LRV points.
- Ironmongery is to contrast the door by min.15LRV points.
- The opening force when measured from the leading edge of the door, should be not more than 30N from 0° (the door in the closed position) to 30° open, and not more than 22.5N from 30° to 60°/degrees of the opening cycle. Doors that have a requirement to self-close for reasons of fire and smoke control, privacy, acoustics or energy control, should have closing devices fitted and adjusted so that the opening forces are well below these limits.
- Doorset to be fitted with identification badge in accordance with BS 8214:1990 to indicate the period of fire resistance, the manufacturer, year of manufacture.
- Door set assembly to be supported by a fire test report and assessment from an accredited laboratory.

MINIMUM CLEAR
OPENING TO BE 825mm

TYPE A

W101

- 3790x720mm PPC aluminium as shown
- Colour to match existing TBC by Architect
- Low E II clear glass
- safety clear glass as shown (SG)
- 20mm Argon filled cavity
- triple glazed
- trickle ventilation
- high level top hung openings as shown
- entire window unit to achieve U-Value of 1.4W/m²K or better
- Light Transmittance Value of 71% or more
- G Value of 50%
- Opening width to be restricted to no more than 100mm where "R" is noted on opening section.
- Opening sections of window to be provided with electrical opening/closing chain actuator. To be provided with safety and anti-trapping system. Low-level, wall mounted, tamper proof controls to be located 1200mm from FFL.



CLASSROOM SIGNAGE DETAIL 1: 10

Rev:		
Date:	Amended by:	Checked by:
Rev:		
Date:	Amended by:	Checked by:
KEYS & MONAGHAN ARCHITECTS		
12 Main St, Irvinestown, Co.Fermanagh BT94 1GJ		
also at: M TEK 1, Armagh Rd., Monaghan H18 K038.		
Tel Nl: 028 686 28088 / 04767/807		
email: admin@keysandmonaghan.com		
website: www.keysandmonaghan.com		
R.I.B.A. + R.I.A.I. CHARTERED ARCHITECTS		
Job Title:		
REFURBISHMENT OF SCIENCE CLASSROOM		
AT INVER COLLEGE, CARRICKMACROSS		
DWG TITLE:		
ROOM ELEVATIONS & DOOR/WINDOW SCHEDULES		
Dwg. Ref.	Rev.	
RE-01	-	
Scale:	1:50@A1	
Job No.	26-015	
Date:	01.09.2026	
Drawn by:	RB	Checked by: EM
Planning Ref:		
Building Control Ref:		
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