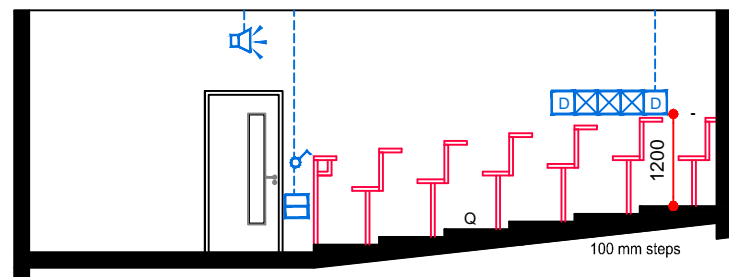
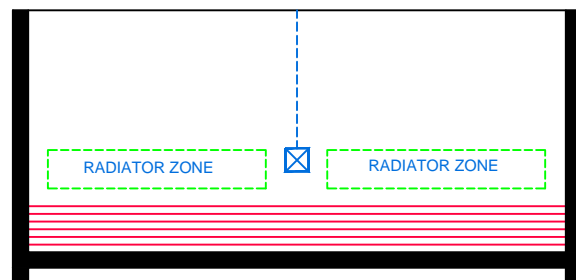


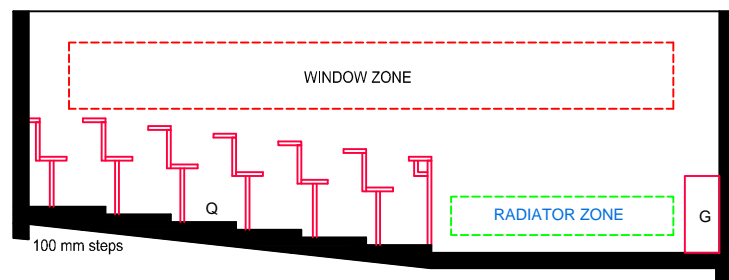
ELEVATION: A - A



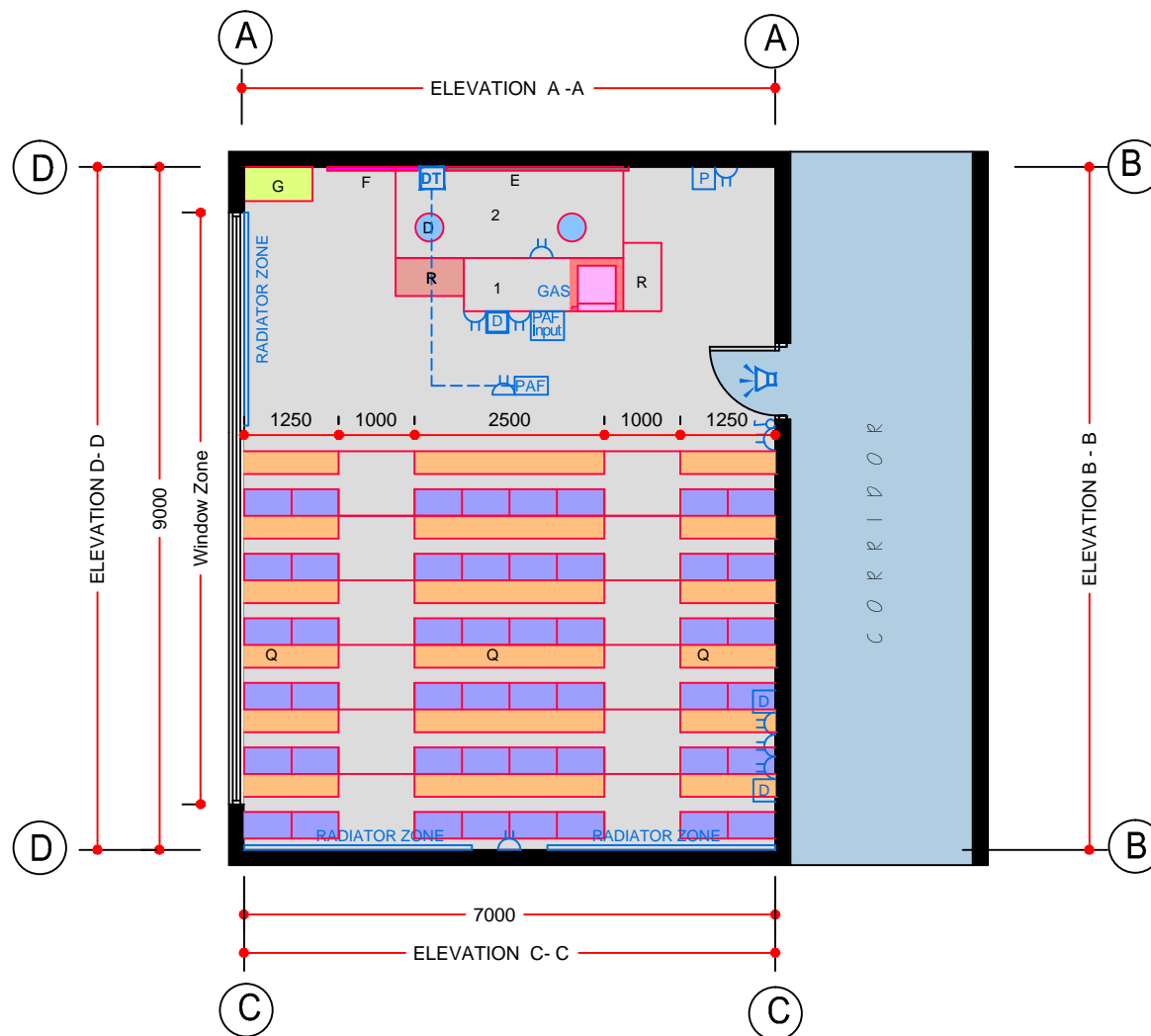
ELEVATION: B - B



ELEVATION: C - C



ELEVATION: D - D



PLAN : DEMONSTRATION ROOM.

TECHNICAL NOTES

1. This document provides guidance in relation to the requirements for a Demonstration Room.
2. This document should be read in conjunction with the Technical Guidance Documents (TDGs) as published by the Department of Education & Skills.
3. Refer to Drawing Ref No. RT-ICT-A-100 'Data Projector Installation' for detailed requirements.
4. Socket outlets, network point and PAF Input are to be located on the teacher's bench and not in the dado railing trunking as outlined in Drawing No. RT-ICT-A-100.
5. ICT wiring to run in conduit under the podium to feed the PAF on the teacher's bench etc.
6. The exact location of the Data Projector and associated twin outlet and Projector Audio Faceplate (PAF) to be agreed with the Client during design stage and included in the tender documents.
7. Final position of network points and associated power outlets shall be above desk/worktop height.
8. Dado trunking shall feed from above in ground floor situations and from ceiling void below if room is located on upper floors.
9. In teaching spaces containing data projectors manual two way switching shall be provided on the row of lights nearest the teaching wall.
10. Control heating to room using 2-port valve and lockable digital type electronic room thermostat.
11. Blinds to be provided.

FURNITURE & EQUIPMENT SCHEDULES

FIXED FURNITURE			
	Quantity	Code	
1	Teacher's demonstration bench 2100 x 700 x 850 high	01	STB
	with one science sink (hot & cold)		
2	Rostrum 3000 x 1800 x 150 fixed to floor	01	R
-	Blackout blinds as required		BOB
LOOSE FURNITURE			
	Quantity	Code	
D	Teacher's chair 525 high with foot rest	02	SSH
E	Whiteboard / blackboard with graph panel 2400 x 1200	01	CBS/M
F	Pinboard 1200 x 1200	01	PB
G	Storage press 900 x 450 x 1000 high	01	SC1
R	Trolleys	02	STS-T
Q	Seating / wiring leaf, seats at 500 c/cs	48	TS
Appropriate provision of loose furniture for Special Education Needs should be made as required.			
EQUIPMENT			
	Quantity	Code	
None			

BUILDING SERVICES LEGEND

BUILDING SERVICES ENGINEERING SYMBOLS	Plan	Elevation
Light Switches	☐	☐
Single Switched Socket Outlets	⊕	⊕
Single Switched Socket Outlets (under worktop)	⊕	⊕
Cleaner's Socket Outlet (not controlled by isolator)	⊕	⊕
Twin Switched Socket Outlets	⊕	⊕
Water Boiler Point	⊕	⊕
Cooker or Built-in Oven Point	⊕	⊕
Data Projector Isolating Switch	⊕	⊕
Single Phase Power Supply	⊕	⊕
3 Phase Power Point	⊕	⊕
Mechanical Ventilation Power Point	⊕	⊕
Key Operated Isolating Switch on ICT Installation only	⊕	⊕
Key Operated Isolator/ knockout Button on Electrical Supply	⊕	⊕
Emergency Knockout Button on Electrical Supply	⊕	⊕
Gas Pressure Proving System Control Panel	⊕	⊕
Emergency Knockout Button on Gas Supply	⊕	⊕
PA Loudspeaker	⊕	⊕
Telephone Point	⊕	⊕
Network Point	⊕	⊕
Projector Audio Faceplate (PAF)	⊕	⊕
Sub-distribution Board (possible location)	⊕	⊕
Dado Rail Trunking	⊕	⊕
Dado Trunking (vertical drop/ rise)	⊕	⊕
Radiator	⊕	⊕

- GENERAL NOTES:**
1. This drawing is for information and reference only, designers are responsible for co-ordination issues and compliance with Building Regulations.
 2. Doors shall provide 850 mm clear opening width, except where indicated otherwise.
 3. Do not scale the drawing. Use figured dimensions only. All dimensions given are in millimetres.
 4. All room dimensions are "internal dimensions".
 5. Area = net internal area of the room.
 6. All elevations are internal room elevations.
 7. Any discrepancies between this document and other documents shall be reported to the Department.

POST-PRIMARY SCHOOL ROOM LAYOUTS:

DEMONSTRATION ROOM
(63 m²)

DRG NO: RT - 012	ISSUE NO: 02	SCALE: 1: 100 @ A3	DATE: Sept 2011
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THE DEPARTMENT OF EDUCATION AND SKILLS

Planning and Building Unit