

Mechanical and Electrical Services for Typical Library/ General Resource Room - to be read in conjunction with TGD 002, TGD 004 and TGD 030.

Each teaching space shall be controlled via two port motorised valves with electrically powered digital thermostats with a lockable range of 21 degrees Celsius + / - 3 degrees.

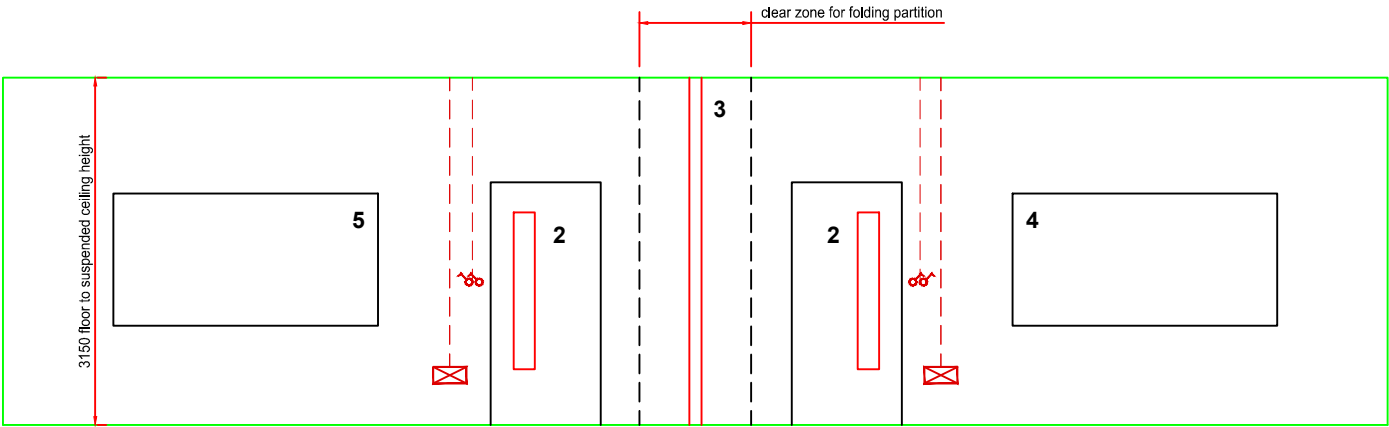
All lights fitted with automatic lighting controls must also have a manual on / off switch.

Separate lighting controls should be provided in each space with the lights in each space linked to one sensor in the space so that all lights in that space respond in the same manner to the control signals.

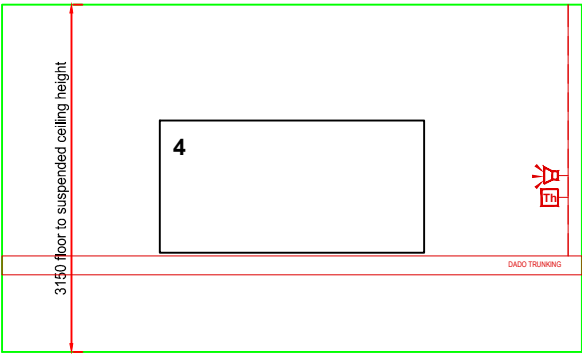
Lighting controls are to be are based on absence detection to turn off lights and daylight sensing to dim lights as required to off, in response to the daylight sensor.

General Resource Room - Dado Trunking (location of trunking to be agreed with the school) incorporating 6 no. data network points and 20 no. 13 A socket outlets. 1 no. twin 13 A socket outlet, 1 no. digital room thermostat, 1 no. two way PA loud speaker locations as shown on drawing.

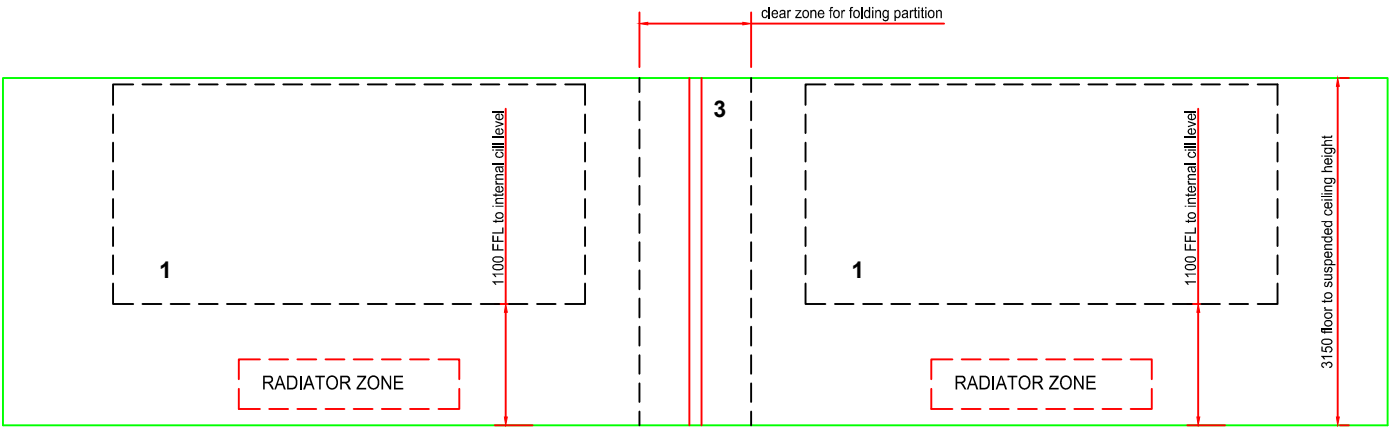
Library - Dado Trunking (location of trunking to be agreed with the school) incorporating 6 no. data network points and 20 no. 13 A socket outlets. 1 no. twin 13 A socket outlet, 1 no. digital room thermostat, 1 no. two way PA loud speaker locations as shown on drawing. No other sockets are required.



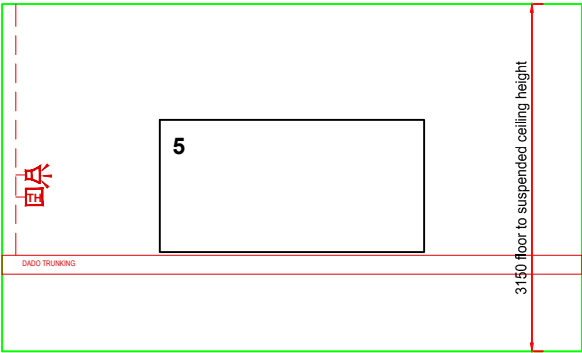
ELEVATION: A-A



ELEVATION: B-B



ELEVATION: D-D



ELEVATION: C-C

BUILDING SERVICES ENGINEERING SYMBOLS	Plan	Elevation
Light Switches (fixed 1100mm above FFL)		
Twin switched 13 A socket outlets (fixed 300mm above FFL)		
Public Address Speaker (fixed 1600mm above FFL)		
Dado trunking fixed (600mm above FFL)		
Network point (fixed 300mm above FFL)		
Radiator		
Room Thermostat (fixed 1500mm above FFL)		
1 x 49w surface mounted fluorescent c/w high efficiency T5 lamps and prismatic diffusers. Automatic dimming version.		
Ceiling mounted daylight/ movement sensor		

See Drawing TDG 002 - D03 to reference numbers on elevations with general description.

PRIMARY ROOM LAYOUTS	SCALE:	nts
TYPICAL LIBRARY/ GENERAL RESOURCE ROOM ELEVATIONS (Drawing 2 of 2)	DRG No:	TGD 022 - D04
REVISION:	DATED:	APPROVED BY :
01	August 2012	P+T
STAGE:	DOCUMENT ADDENDUM APPROVED	PREPARED BY:
		C.D

DEPARTMENT OF EDUCATION & SKILLS  
An Roinn Oideachais agus Eolaíochta  
PLANNING AND BUILDING UNIT



- NOTES
- This document is published by the Department of Education & Science and provides guidance in relation to the requirements for a Typical Primary School Library/ General Resource Room. The document should be read in conjunction with the Technical Guidance Documents for Primary School Buildings as published by the Department of Education & Skills. <http://www.education.ie/en/School-Design/Technical-Guidance-Documents/>
  - Where works are carried out in accordance with the guidance in this document, this will, prima facie, indicate compliance with Technical Guidance Documents for Primary School Buildings as published by the Department of Education & Skills. However, the adoption of an approach other than that outlined in the guidance is not precluded provided that the relevant requirements of the Technical Guidance Documents are complied with.
  - Please do not scale the drawing use figured dimensions.
  - All dimensions given are in millimetres
  - All elevations are internal room elevations.