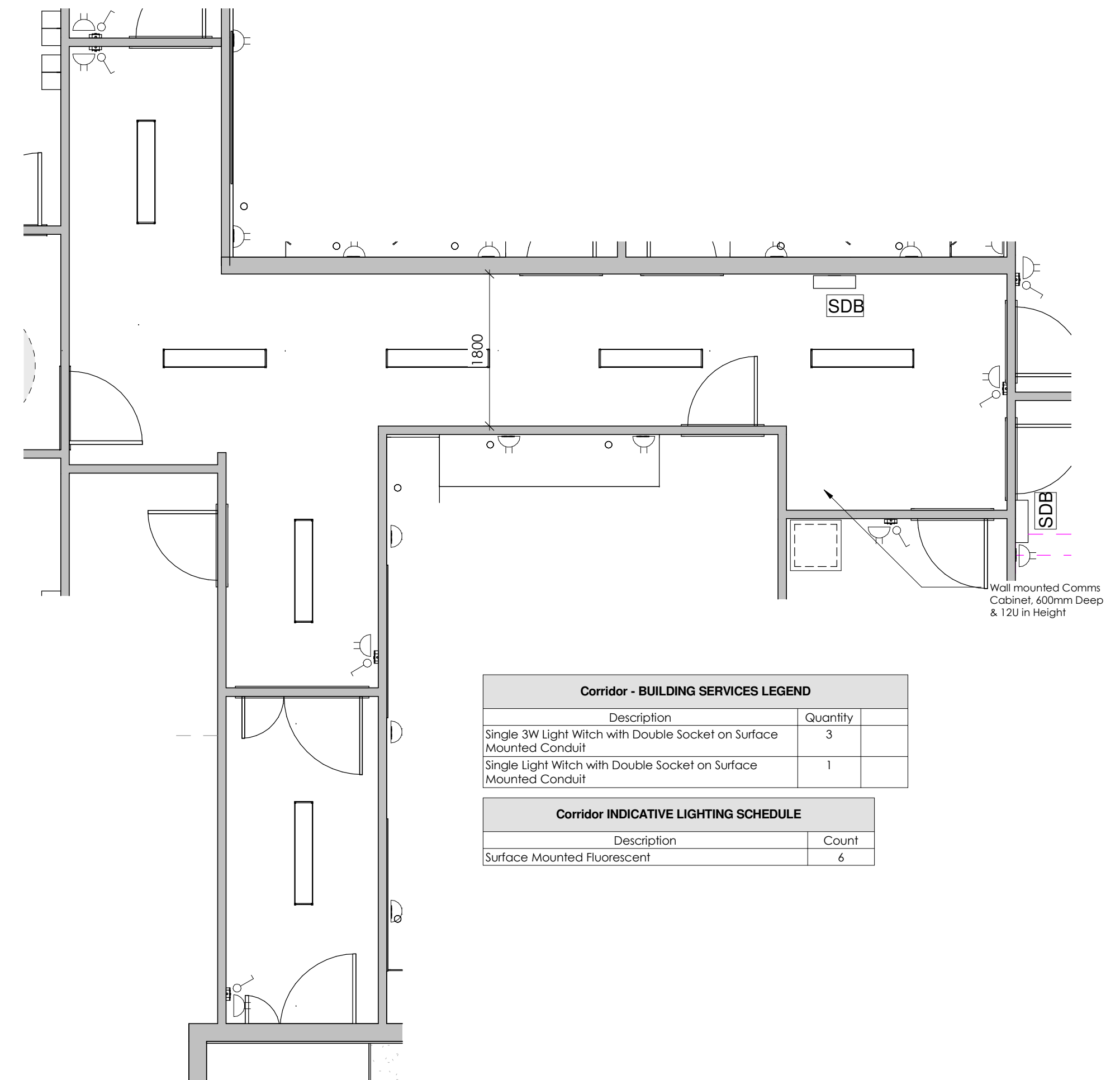


**1 Proposed Ground Floor Plan**  
1:100

**Electrical & Data in Standard Classrooms:**  
Allow for a min of 10 double sockets in Class Rooms 01, 02 & 03.  
16 sockets around the walls  
Allow for min 16 Internet/Data points in each class room  
Refer to Drawing T404 for detailed classroom layout



**7 Corridor Elec Layout**  
1:50

Corridor - BUILDING SERVICES LEGEND	
Description	Quantity
Single 3W Light Switch with Double Socket on Surface Mounted Conduit	3
Single Light Switch with Double Socket on Surface Mounted Conduit	1

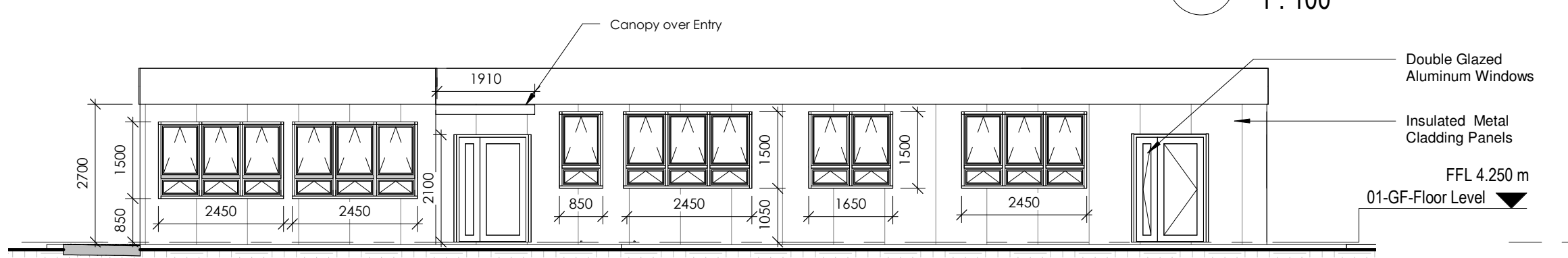
Corridor INDICATIVE LIGHTING SCHEDULE	
Description	Count
Surface Mounted Fluorescent	6

**GENERAL NOTES:**  
**ELECTRICAL:** LIGHTING, RETICULATION, ALARMS, DATA, SWITCHING ETC., IS TO BE IN ACCORDANCE WITH DEPARTMENT OF EDUCATION & SCIENCE STANDARD SPECIFICATION, AND CERTIFIED TO THE SATISFACTION OF THE ESB. NEW POWER CONNECTION TO THE ELECTRICAL MAINS TO BE PROVIDED.  
**FOUNDATIONS/ BASE:** STRUCTURAL BASE FOR TEMPORARY ACCOMMODATION TO BE INSTALLED SUITABLE TO EXISTING SITE GROUND CONDITIONS.  
**FLOORS:** THE FLOOR CONSISTS OF MARMOLEUM FLOOR FINISH BONDED TO 18MM TONGUED AND GROOVED PLYWOOD FIXED OVER POLIPEC INSULATION INSTALLED TO THE MANUFACTURER'S SPECIFICATION. MIN 150mm AIR GAP ABOVE 100mm CONCRETE SLAB ON 50mm SAND BUILDING ON WELL COMPACTED 150mm LAYERS OF HARD CORE. U-VALUE (0.25W/m<sup>2</sup>/K) TO BE IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS. THE STANDARD FLOOR CONSTRUCTION OUTLINED ABOVE PROVIDES A FLOOR LOADING CAPACITY OF 3KN/M<sup>2</sup>.  
**EXTERNAL WALLS:** TIMBER STUD EXTERNAL WALLS, PLASTIC COATED WALL FINISH IN SELECTED COLOUR, FIBREGLASS INSULATION, PLASTERBOARD TO INTERNAL FACE. TO HAVE 60min. FIRE PROTECTION.  
**ROOF:** FLAT ROOF MEMBRANE TO HAVE MINIMUM CLASS A/A FIRE DESIGNATION.  
**INTERNAL WALLS:** PLASTERBOARD PAINTED BOTH SIDES OF S/W STUD FRAME, TIMBER OR PLASTIC STRIP TO JOINTS PLUS SKIRTING. CEILING TO BE PLASTERBOARD PAINTED.  
**DOORS:** EXTERNAL DOORS ARE EXTERIOR GRADE 2, PANEL DOORS 2100x1000mm. CLEAR OPENING WIDTH OF 1M. HALF GLAZED IN DOUBLE LOW E GLAZING. DOORS TO COME COMPLETE WITH A HARDWOOD CILL AND A 3-LEVER LOCK.  
**WINDOWS:** DOUBLE GLAZED PVC WINDOWS. PROVIDE PROTECTIVE SECURITY SCREENS TO ALL WINDOWS COMPRISING MILD STEEL MESH PAINTED IN SELECTED COLOUR  
U-VALUES:  
FLOOR - 0.21W/m<sup>2</sup>/K  
WALLS - 0.21W/m<sup>2</sup>/K  
ROOF - 0.16W/m<sup>2</sup>/K  
**HEATING:** HEATING, RETICULATION OF SAME TO BE IN ACCORDANCE WITH THE DEPARTMENT OF EDUCATION & SCIENCE STANDARD SPECIFICATION. MINIMUM INTERNAL COMFORT TEMPERATURE TO BE 20°C.  
**FIRE:** WALLS TO HAVE A MINIMUM FIRE RESISTANCE OF 60 MINUTES. CEILING TO HAVE A MINIMUM FIRE RESISTANCE OF 30 MINUTES AND CLASS 0 SURFACE SPREAD OF FLAME. ROOF FINISH TO HAVE A MINIMUM CLASS A/A DESIGNATION. FIRE EXTINGUISHERS TO BE IN ACCORDANCE WITH I.S. 290.

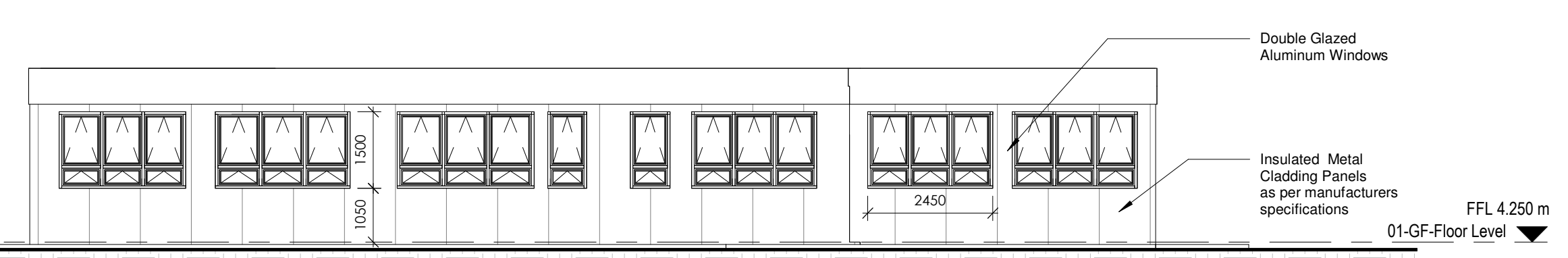
**GENERAL NOTES:**  
Please refer to the following documents from the DOES:  
- TGD-001 - Mechanical & Electrical Building Services Engineering Guidelines for Temporary Accommodation School Buildings  
- TGD-003 - Mechanical & Electrical Building Services Engineering Guidelines for Post Primary School Buildings  
- TGD-005 - Information and Communication Technology (ICT) Infrastructure Guidelines for Post Primary Schools  
**ELECTRICAL:** LIGHTING, RETICULATION, ALARMS, DATA, SWITCHING ETC., IS TO BE IN ACCORDANCE WITH DEPARTMENT OF EDUCATION & SCIENCE STANDARD SPECIFICATION, AND CERTIFIED TO THE SATISFACTION OF THE ESB. NEW POWER CONNECTION TO THE ELECTRICAL MAINS TO BE PROVIDED.  
**HEATING:** HEATING, RETICULATION OF SAME TO BE IN ACCORDANCE WITH THE DEPARTMENT OF EDUCATION & SCIENCE STANDARD SPECIFICATION. MINIMUM INTERNAL COMFORT TEMPERATURE TO BE 20°C  
**FIXED FURNITURE** REFER TO SPECIFICATION DOCUMENT FOR FIXED FURNITURE REQUIRED



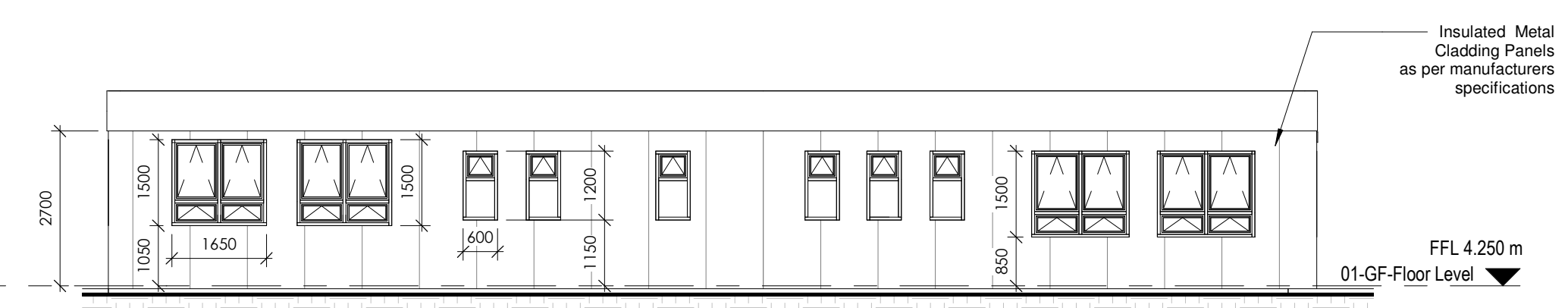
**6 Section A-A**  
1:100



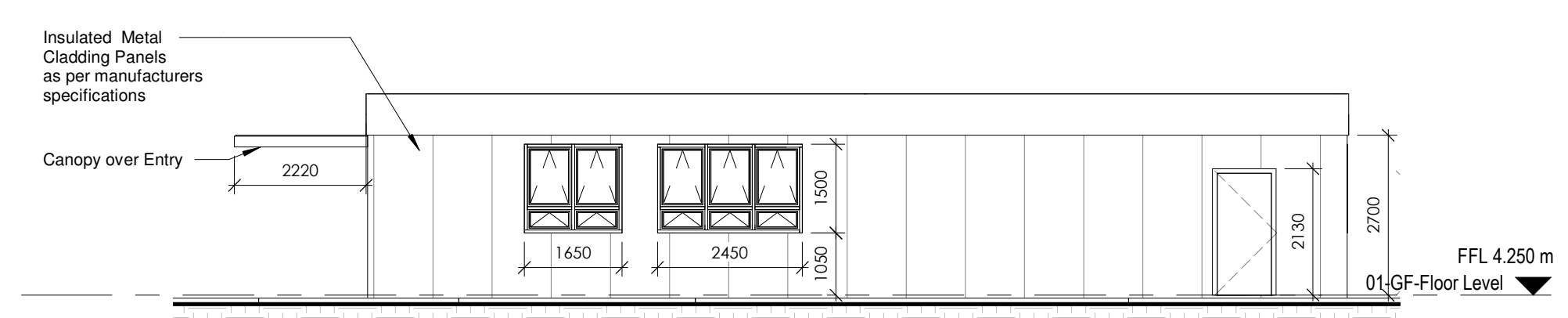
**2 Rear Elevation**  
1:100



**3 Front Elevation**  
1:100



**4 Side Elevation**  
1:100



**5 Side Elevation**  
1:100

REV NR	ISSUED BY	REV. DESCRIPTION	REV. DATE
T4		TENDER UPDATES	05/03/21
T3		ISSUED FOR TENDER	09/03/19
T2		ISSUED FOR FURTHER INFORMATION	15/10/2018
T1		ISSUED FOR PLANNING	19/06/2018

**van Dijk Architects**  
HILL HOUSE HILL STREET DUNDALK CO. LOUTH  
PH. 042-9354466 FAX. 042-9354460  
INFO@VANDIJKARCHITECTS.COM

DRAWING TITLE: **PROPOSED BUILDING**

AS INDICATED: 1826 - T100  
JOB: LAYTOWN YOUTH REACH  
PROJECT STATUS: CLIENT: LMETB  
DRAWN BY: AA DATE: 29/09/2020

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