

Scope of Work: Construction of Training Centre at Mayo

PROJECT NO. 12	DATE SUBMITTED
Construction of Training Centre at Mayo	22/12/2024 (dd/mm/yyyy)
PROJECT OBJECTIVES	
This project involves the construction of a Training Center for operators (see Figure 1) and workshop building (see Figure 2) at the old Mayo lunchroom and parking lot area. The work includes foundation and structural construction, Utility and service installation and finishing work as per approved design.	

Step 1. Project Deliverables

TASK NO.	DESCRIPTION
1	Foundation and structural work for both buildings separately. <ul style="list-style-type: none"> a. Excavation and earthworks. b. Concrete works for the foundation. c. Masonry works and structural elements such as beams, columns, and walls. d. Roofing system installation.
2	Utility and Service installation for both buildings separately. <ul style="list-style-type: none"> a. Electrical wiring. b. Plumbing and drainage systems. c. Air-conditioning systems.
3	Finishing work for buildings for both buildings separately. <ul style="list-style-type: none"> a. Interior and exterior wall finishes (painting, plastering). b. Door and windows installation c. Flooring installation (concrete and tiles).

Step 2. List of project Tasks

Work breakdown structure (WBS) attached	NO	X	YES
<i>Provide link, if applicable.</i>	N/A		

TASK NO.	DESCRIPTION	FOR DELIVERABLE NO. ... ENTER TASK #
1	Complete building works in accordance with agreed plans and technical drawings of the Training Center.	Bill of quantities required
2	Complete building works in accordance with agreed plans and technical drawings of the Workshop.	Bill of quantities required



3	Comply to all company environmental and industry regulations.	H&S requirements
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Step 3. Out of Scope

This project will NOT accomplish or include the following:	<ul style="list-style-type: none"> • The procurement or installation of loose furniture like desks, chairs, beds and cabinets • Costs associated with securing and activating utility connections.
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Step 4. Project outcomes

NO.	OUTCOMES
1	The Training Center building will consist of 4 classrooms,1 simulator room, 4 toilets, 1 conference room, 4 spare rooms, 1 main hall, 4 offices, a space for cubicles and 1 induction room
2	The workshop building of 2 office rooms, 2 storerooms and 1 workshop machine area.
3	Establishment of the drainage system of the buildings and around the slab.

Step 5. Project Constraints

PROJECT START DATE	15/01/2025
LAUNCH / GO-LIVE DATE	15/01/2025
PROJECT END DATE	31/05/2025
LIST ANY HARD DEADLINE(S)	<ul style="list-style-type: none"> • 31/05/2025 The Training Center and workshop building should be finalized.
LIST OTHER DATES / DESCRIPTIONS OF KEY MILESTONES	<ul style="list-style-type: none"> • N/A
FACILITIES TO BE PROVIDED BY RGM	<ul style="list-style-type: none"> • Map of the area. • Lodging. • Food supply. • Fuel • The base construction for the foundation.

FACILITIES TO BE PROVIDED BY CONTRACTOR	<ul style="list-style-type: none"> • Insurance. • All required material for construction. • All required drawings, cost breakdown and Gantt chart. • Project supervision. • Survey during construction. • Safety procedures. • All Personal Protective Equipment.
QUALITY OR PERFORMANCE CONSTRAINTS	<ul style="list-style-type: none"> • The Contracting Company will be measured against safety, quality, velocity, cost and people-based metrics. • Weekly performed progress will be monitored by the Infrastructure Services Department. • The contractor will report to the Infrastructure Services dept. • Any tasks or modifications not specified in the scope of work must receive approval from the infrastructure team before proceeding. • Safety meetings and JHA's are required.
EQUIPMENT / PERSONNEL CONSTRAINTS	<ul style="list-style-type: none"> • No equipment nor personnel of the contractor should be used for other projects during the construction. • All equipment and personnel must meet the necessary safety and performance requirement.
REGULATORY CONSTRAINTS	<ul style="list-style-type: none"> • The project must follow safety regulations, including worker protective equipment, secure scaffolding for construction and protocols for lifting and handling materials. • This scope of work forms the basis of the agreement between the client and the contractor. Any changes or deviations from this scope must be documented and mutually agreed upon.



Figure 1.1 Shows college project classes design

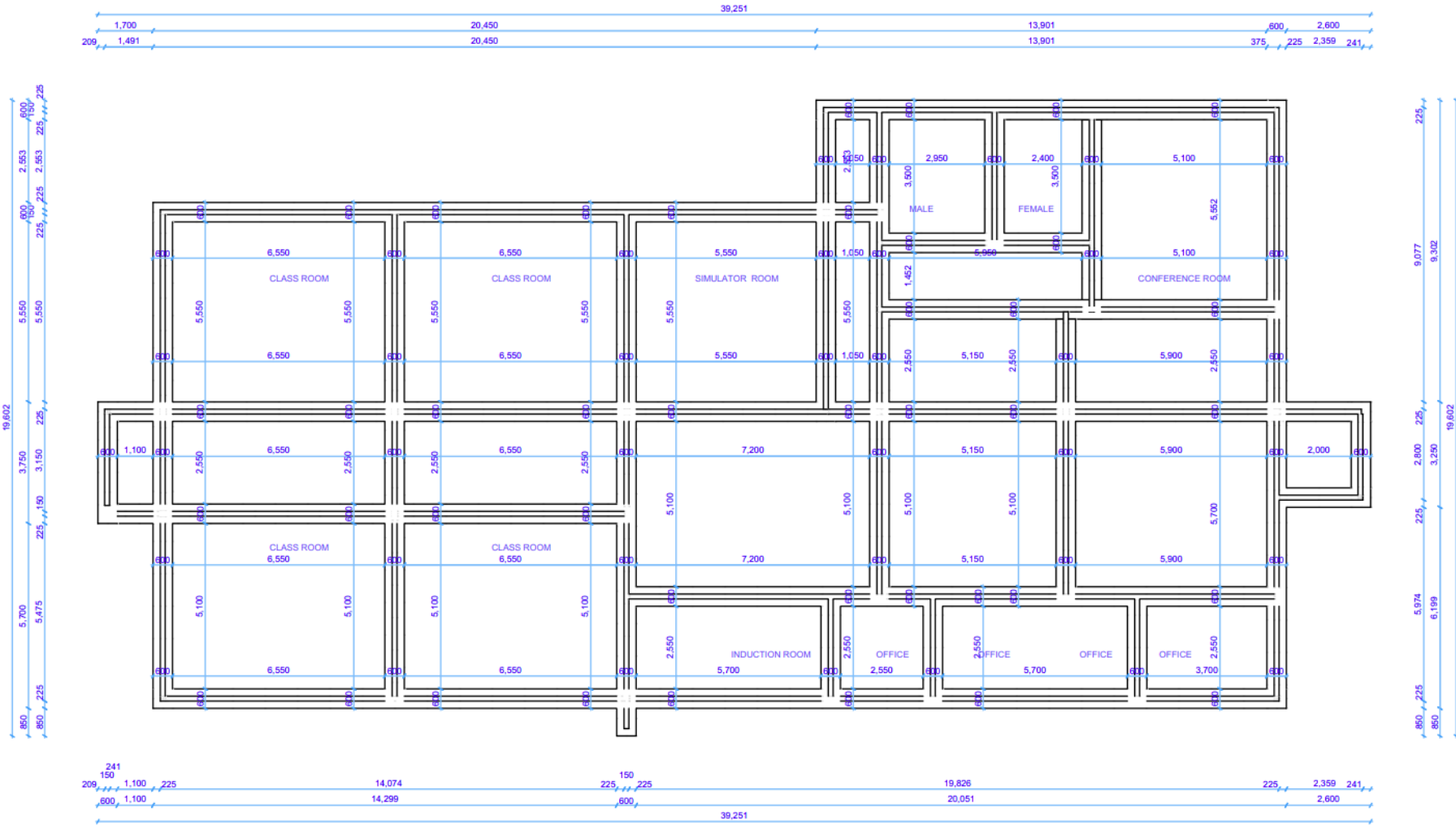


Figure 1.2 Shows the layout design of the Training Center

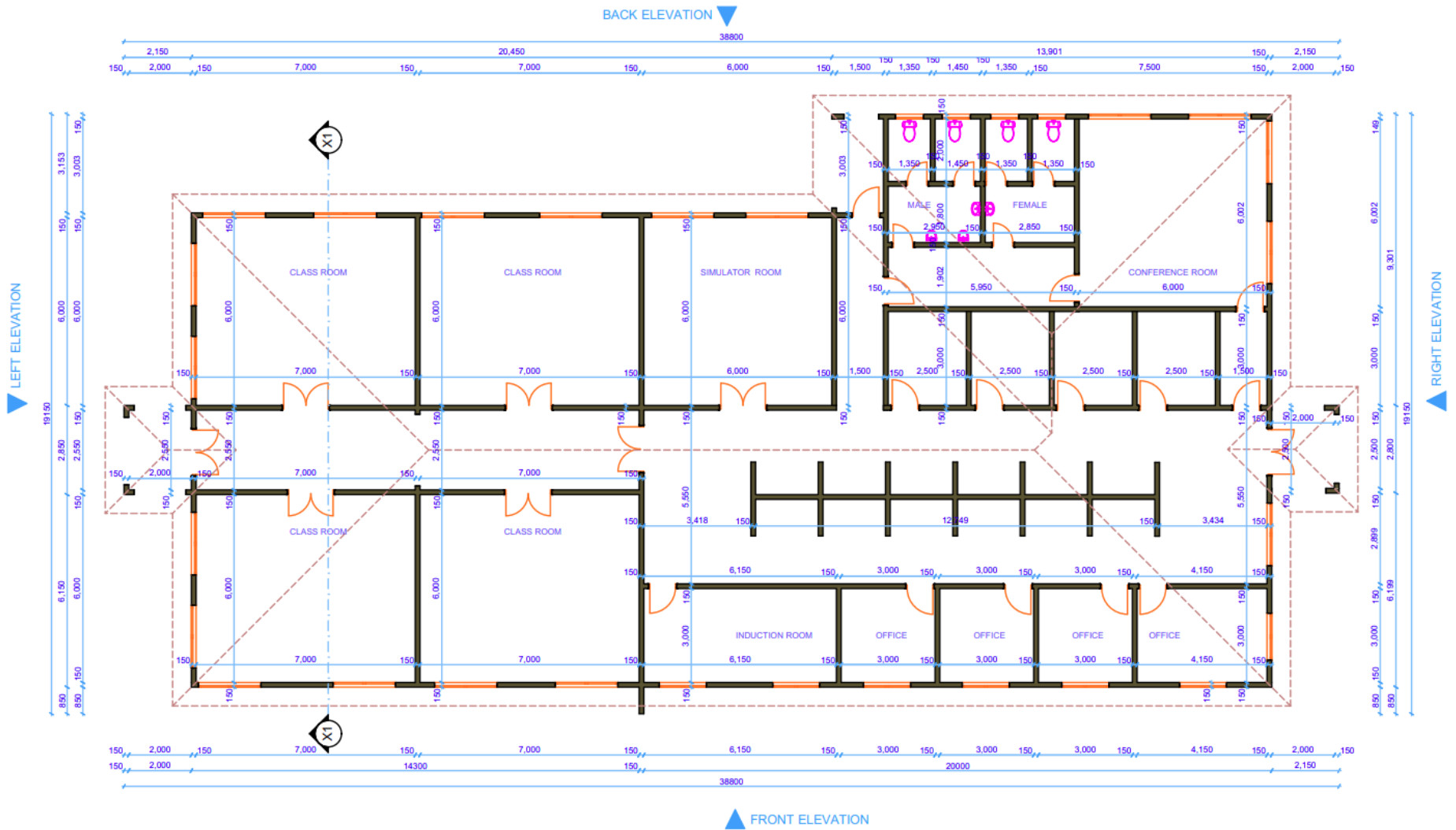


Figure 1.3 Shows the Roof design of the Training Center

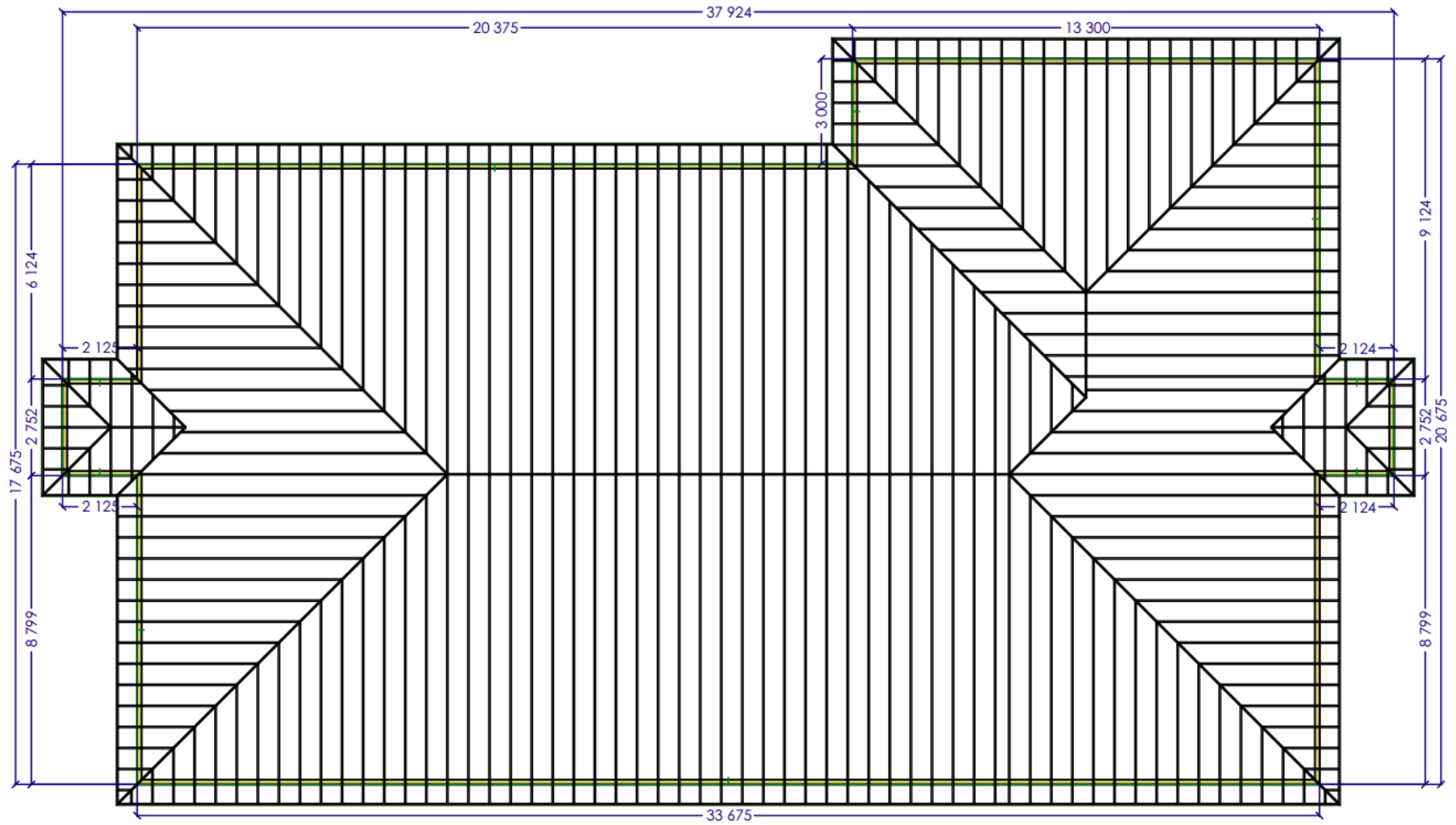


Figure 1.4 Shows the Front and Back view of the Training Center

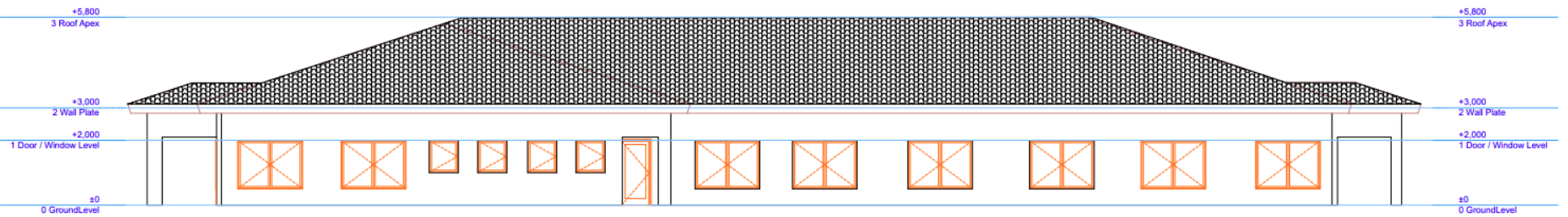
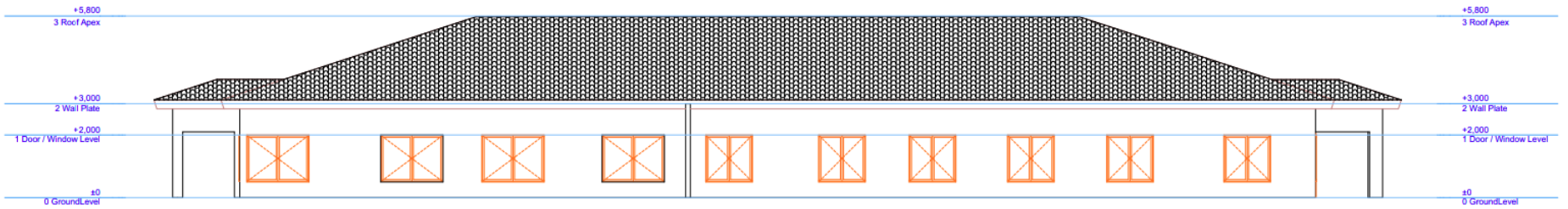


Figure 1.5 shows the Right and Left side of the Training Center

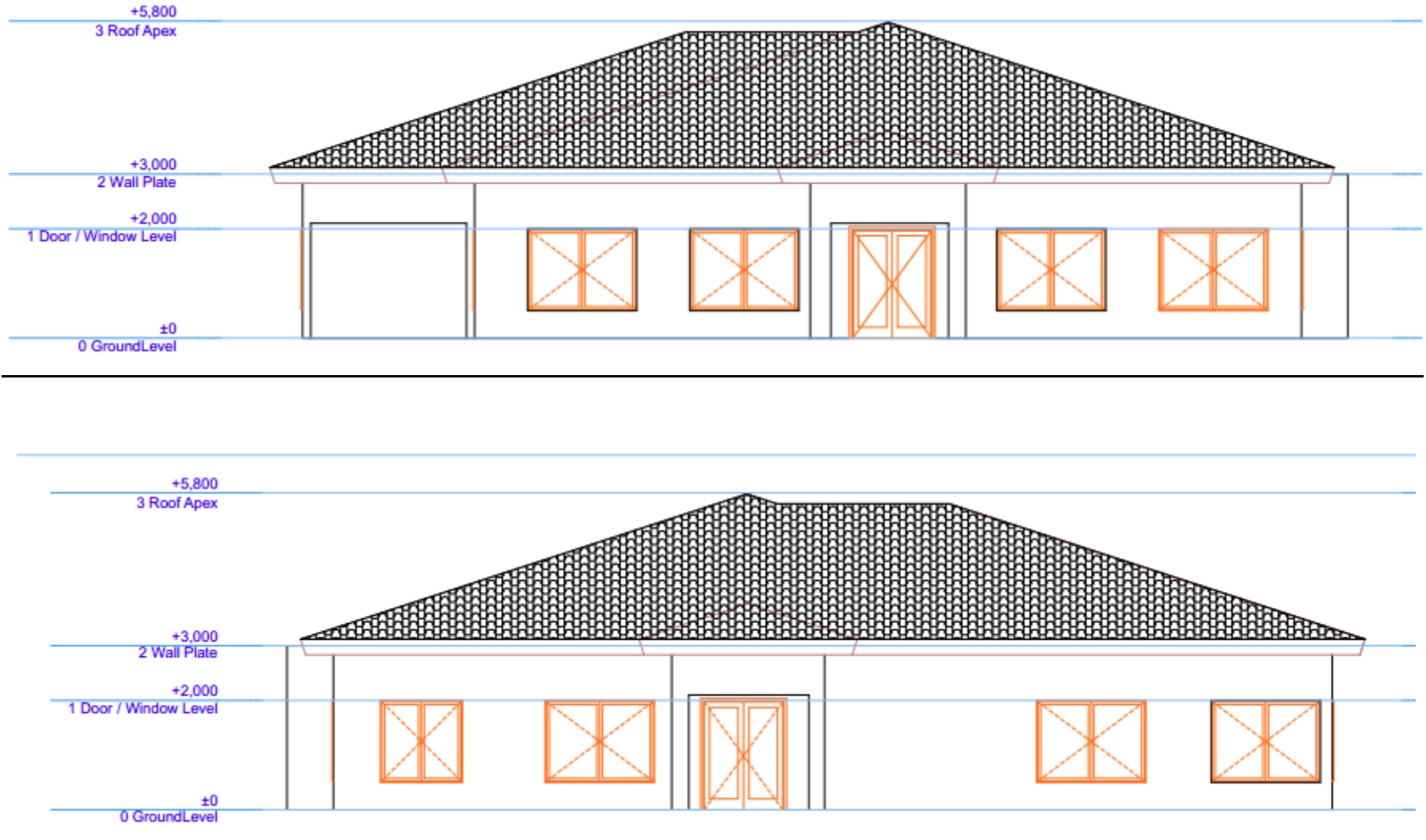


Figure 1.6 Shows a cross section of the Training Center

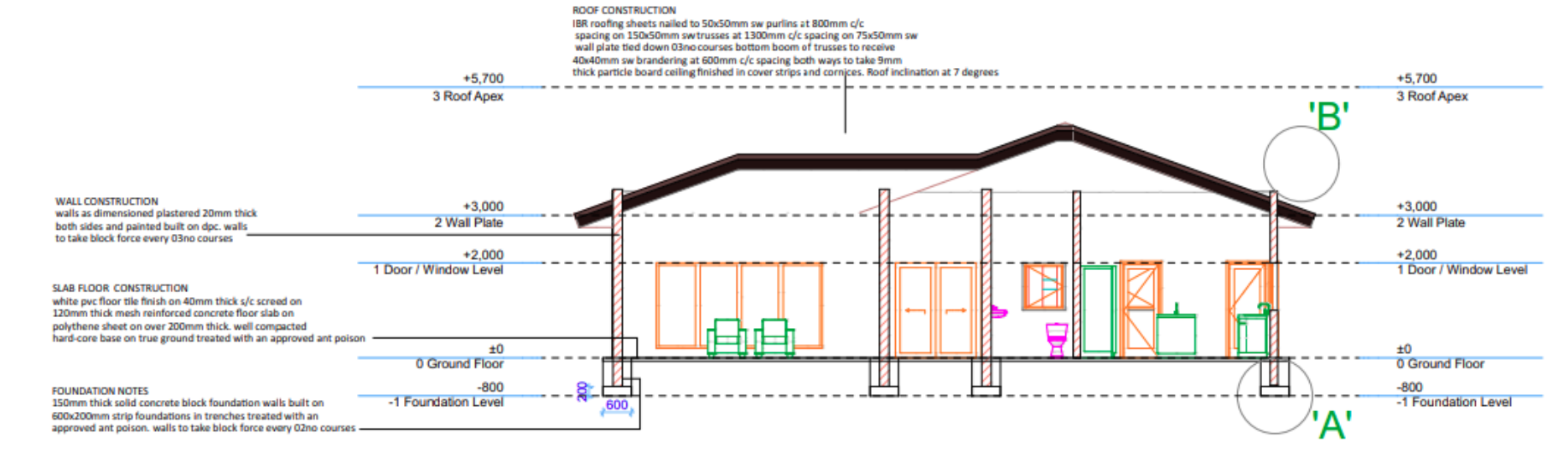
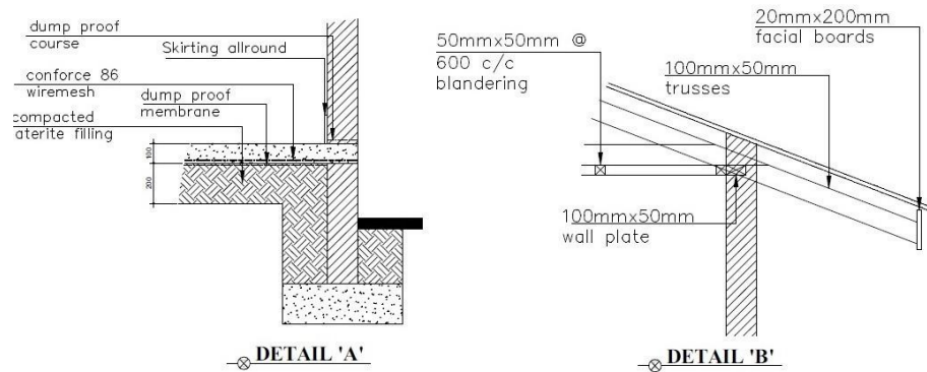


Figure 1.7 Shows the details of the foundation and roof structure



WALL CONSTRUCTION

walls as dimensioned plastered 20mm thick both sides and painted built on dpc. walls to take block force every 03no courses

FOUNDATION NOTES

150mm thick solid concrete block foundation walls built on 600x200mm strip foundations in trenches treated with an approved ant poison. walls to take block force every 02no courses

SLAB FLOOR CONSTRUCTION

white pvc floor tile finish on 40mm thick s/c screed on 120mm thick mesh reinforced concrete floor slab on polythene sheet on over 200mm thick, well compacted hard-core base on true ground treated with an approved ant poison

ROOF CONSTRUCTION

IBR roofing sheets nailed to 50x50mm sw purlins at 800mm c/c spacing on 150x50mm sw trusses at 1300mm c/c spacing on 75x50mm sw wall plate tied down 03no courses bottom boom of trusses to receive 40x40mm sw brandering at 600mm c/c spacing both ways to take 9mm thick particle board ceiling finished in cover strips and cornices

Figure 2.1 Shows the foundation and layout of Workshop building design.

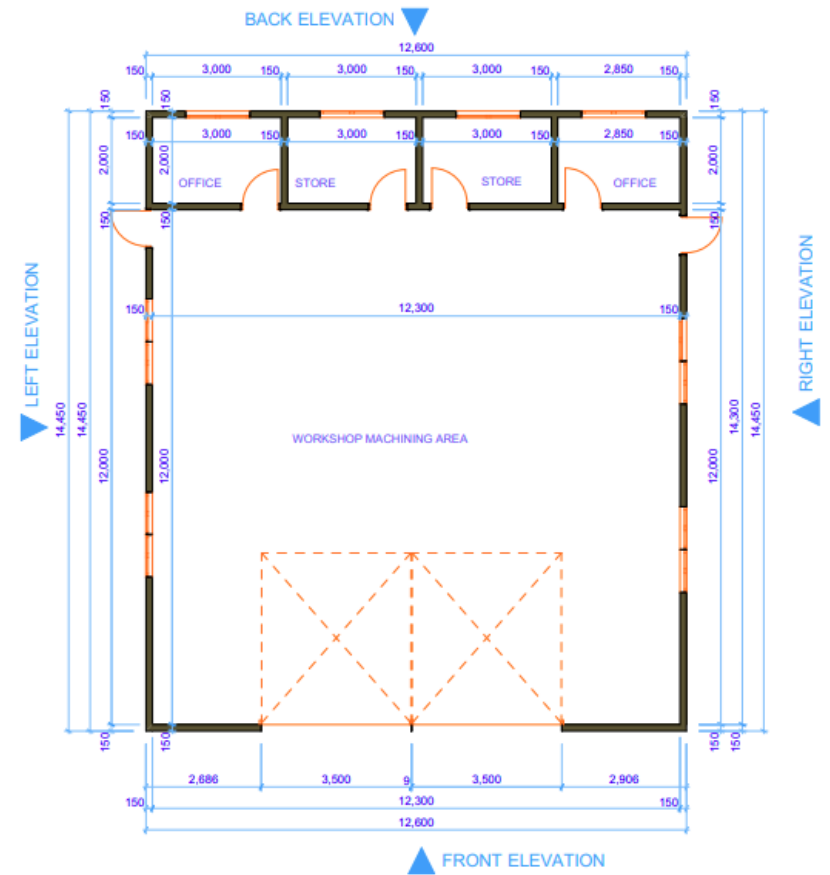
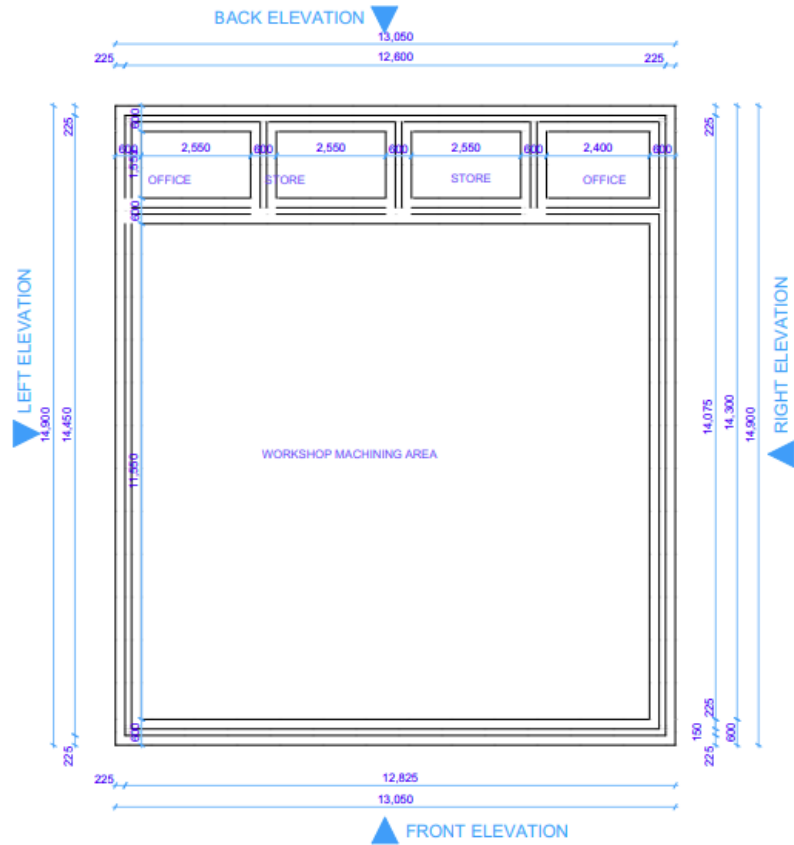
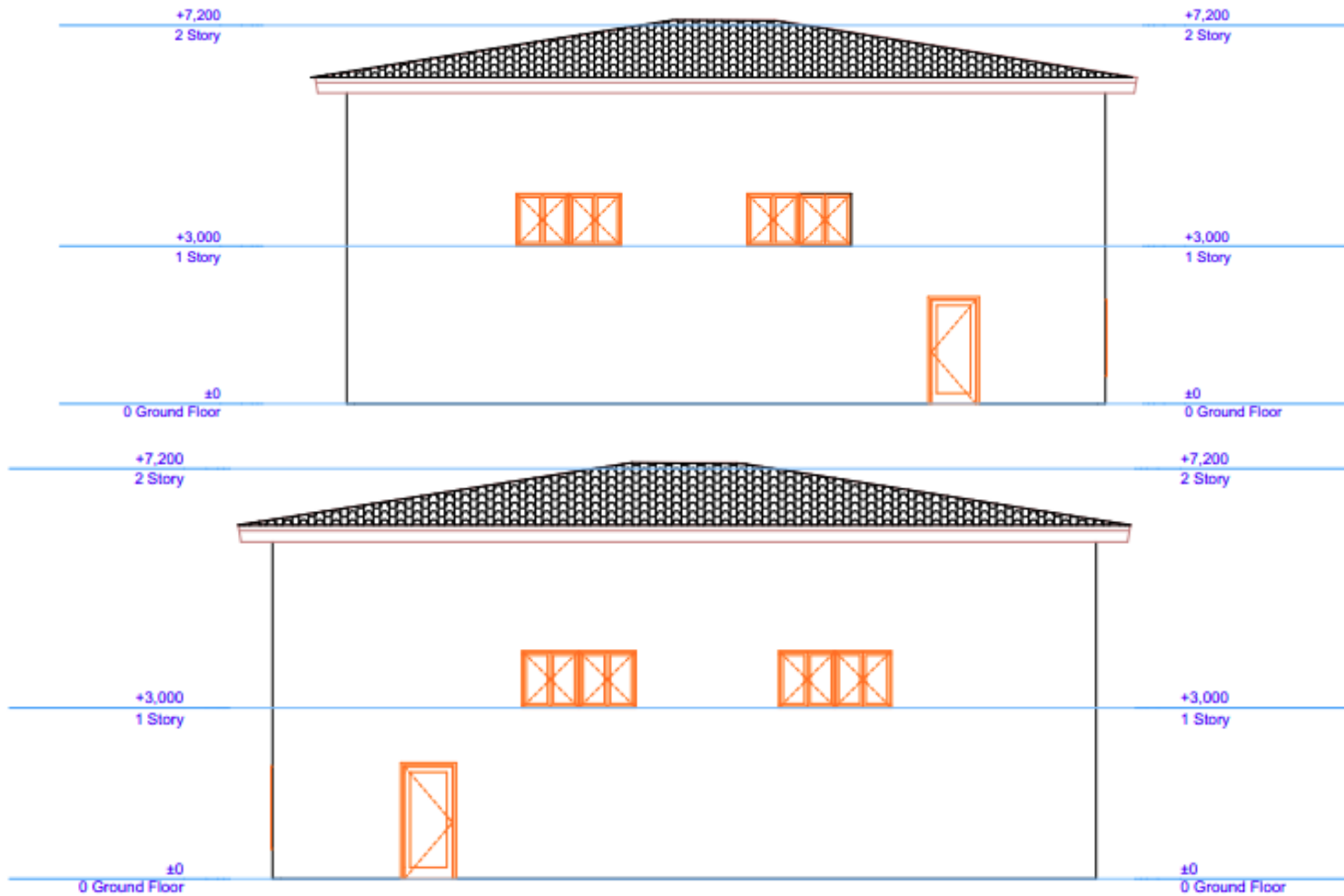


Figure 2.2 Shows the different views of the Workshop building.





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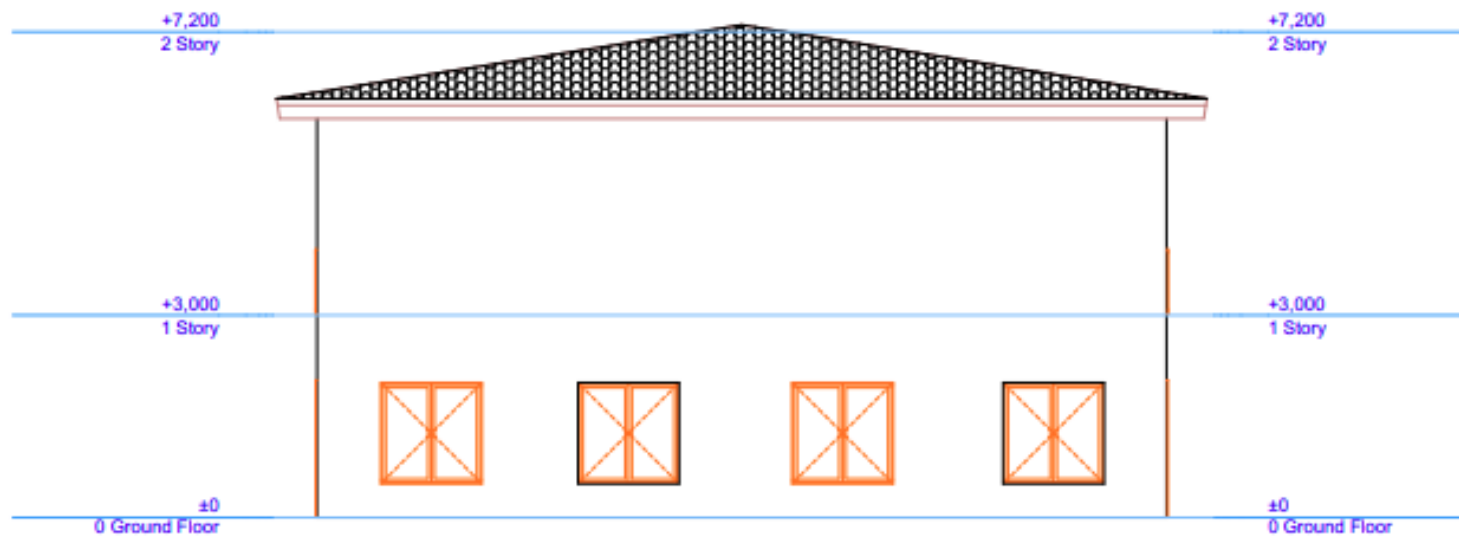


Figure 2.3 shows the roof structure of the workshop building design.

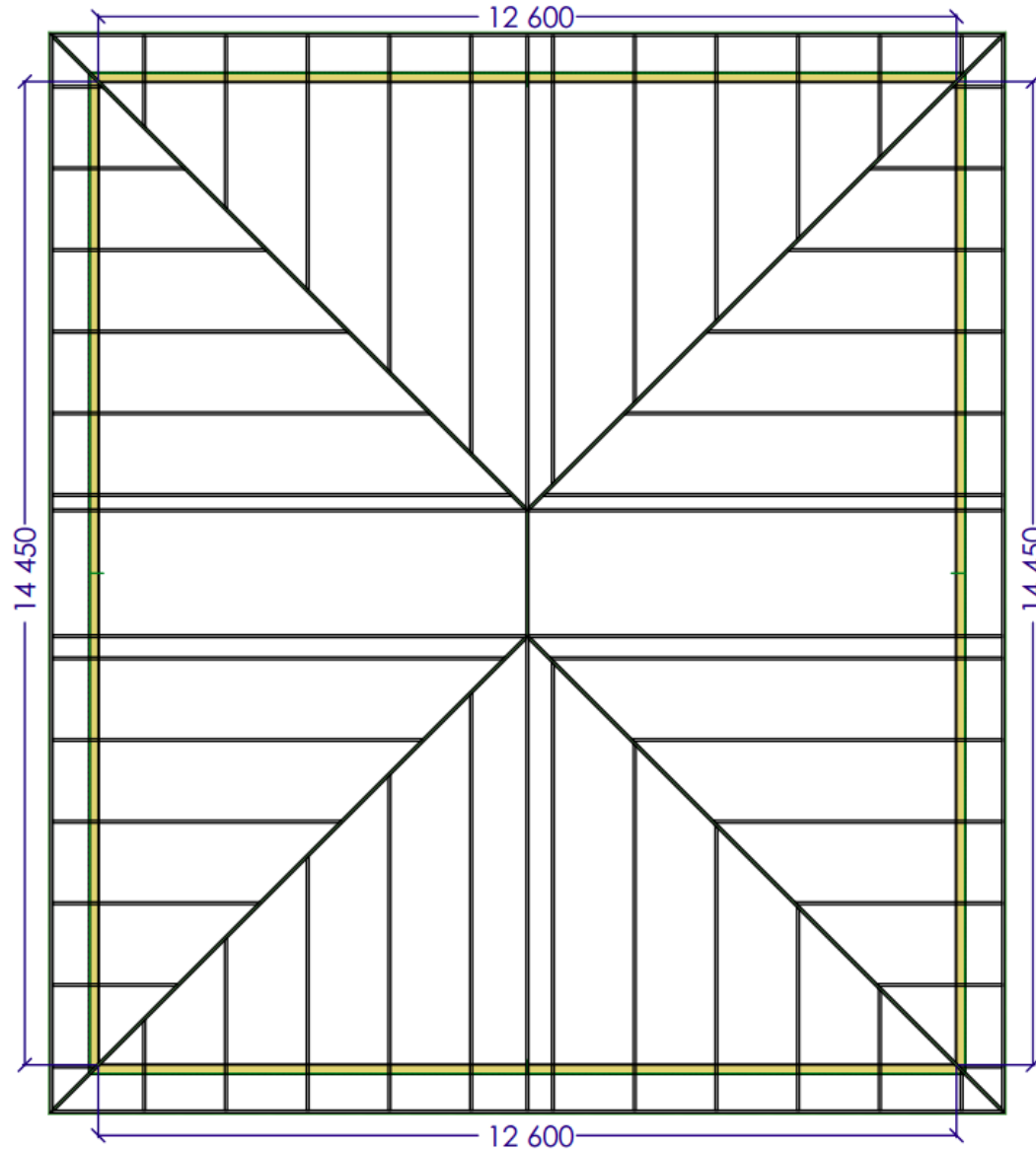

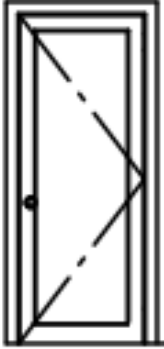
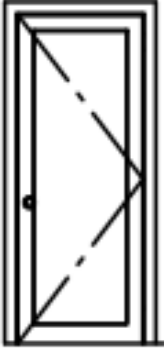






Figure 2.4 shows door schedule of the workshop building design.

DOOR CODE	D 1 	D 2 	D 3 
FRAME	ALUMINIUM	ALUMINIUM	ALUMINIUM
No. REQUIRED	4	10	08
DOOR	HARDWOOD	FLASH DOOR	FLASH DOOR
FITTINGS	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL
SPECIFICATIONS	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL

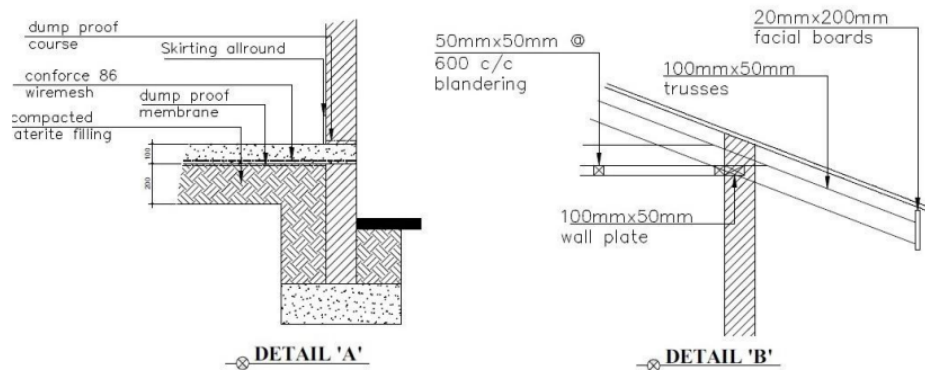
DOOR SCHEDULE

Figure 2.5 shows the window schedule of the workshop building design.

WINDOW CODE	W 1	W 2	W 3	W 4
				
TYPE	ALUMINIUM WINDOW	ALUMINIUM WINDOW	ALUMINIUM WINDOW	ALUMINIUM WINDOW
No. REQUIRED	02	08	02	06
GLAZING	6MM CLEAR GLASS	6MM CLEAR GLASS	6MM CLEAR GLASS	6MM GLAZED GLASS
FITTINGS	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL
SPECIFICATIONS	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL	TO SPECIALIST DETAIL

WINDOW SCHEDULE

Figure 2.6 shows workshop building design.



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Figure 3.0 Shows the area of concern.

