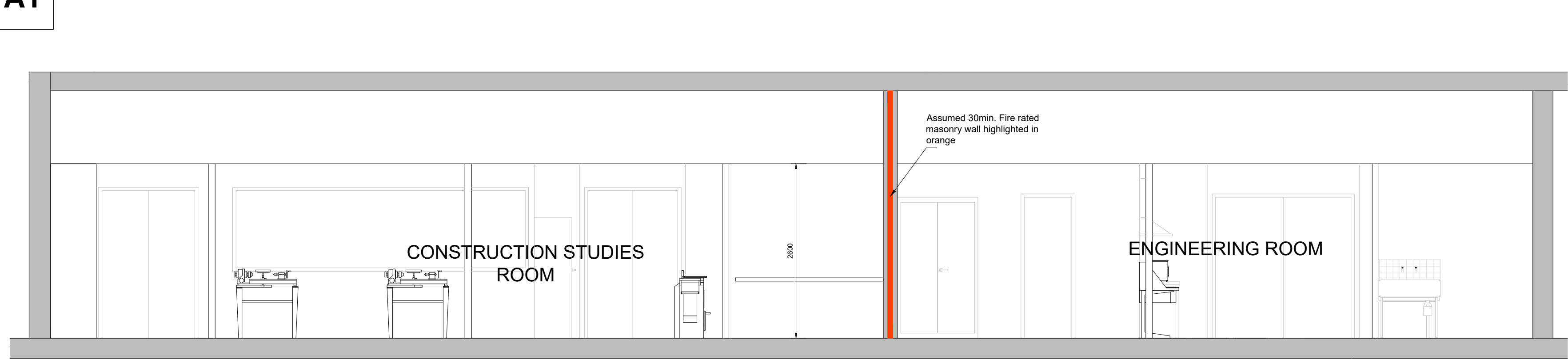
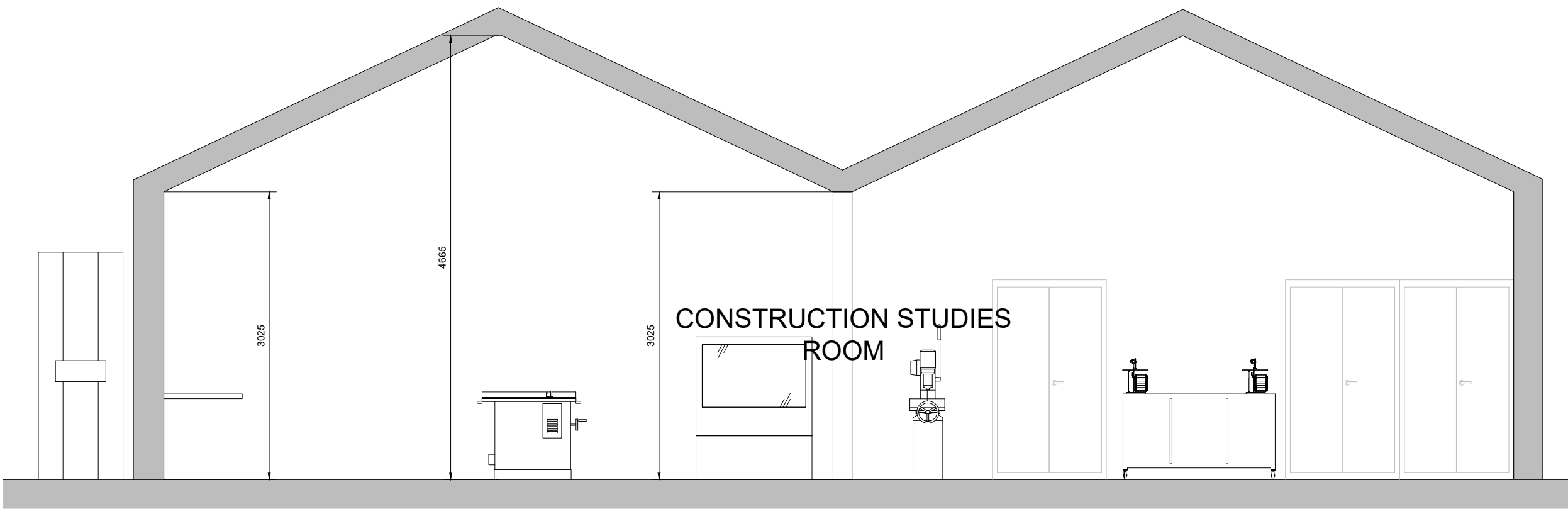
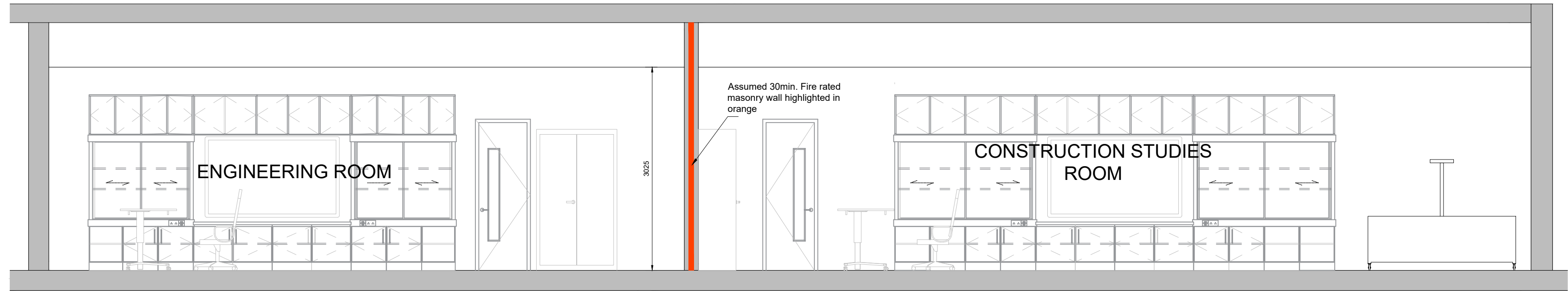




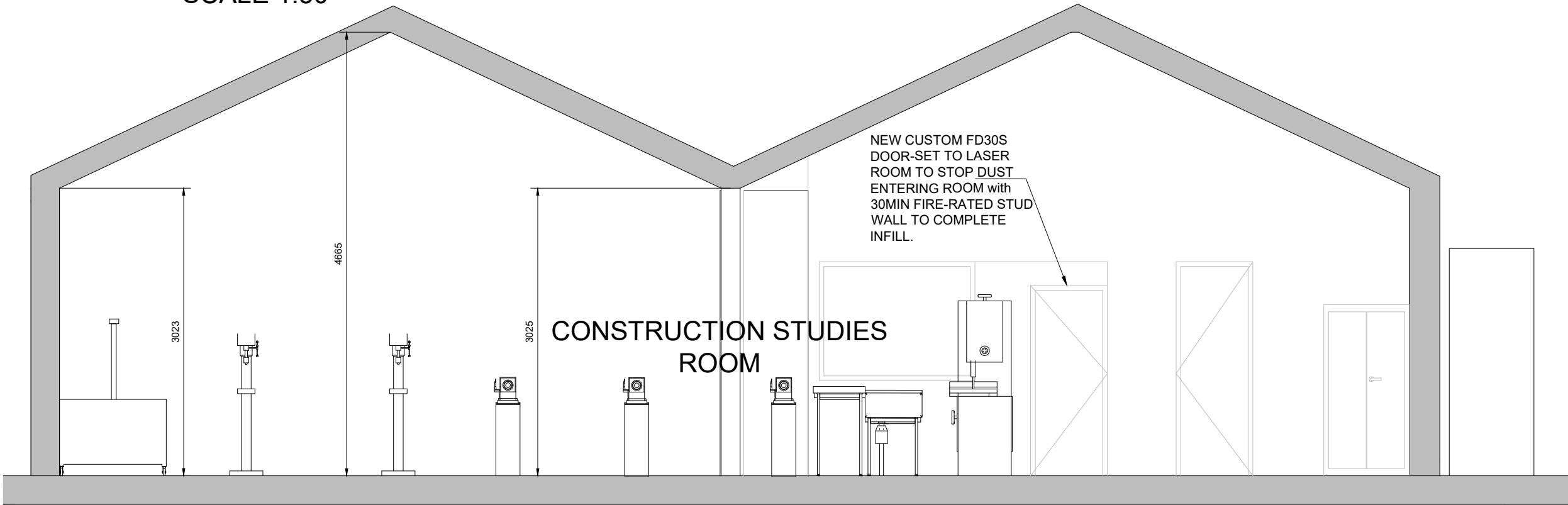
ELEVATION A
SCALE 1:50



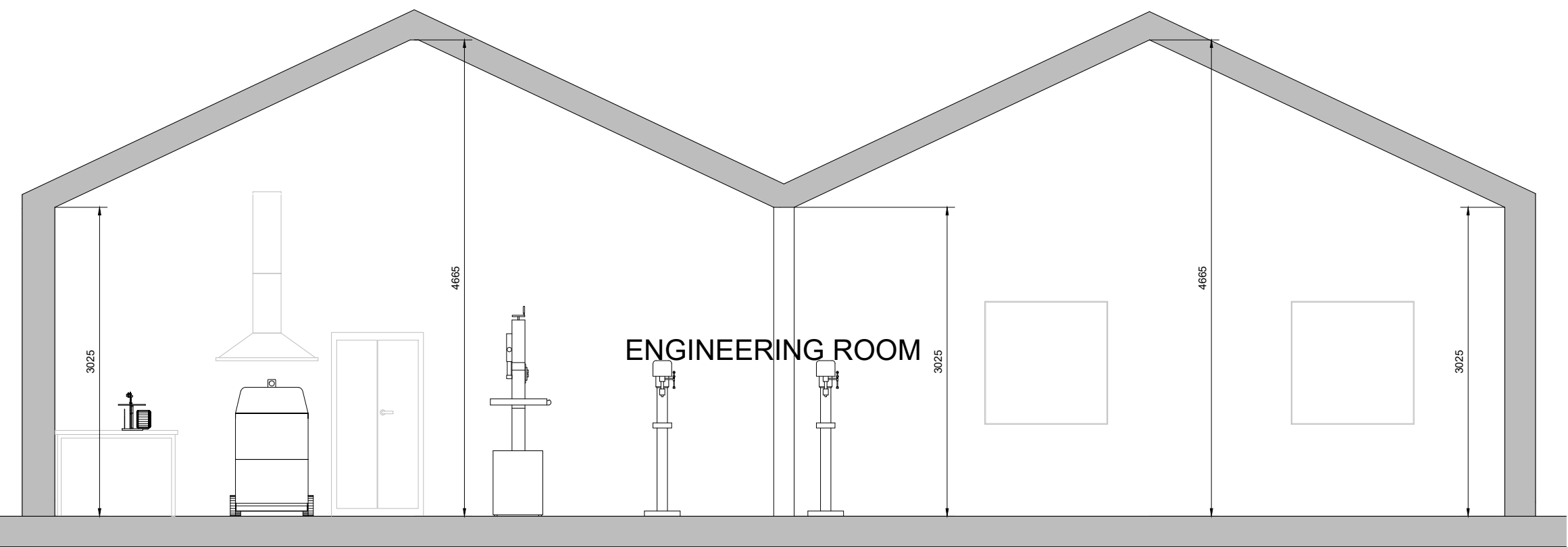
ELEVATION B
SCALE 1:50



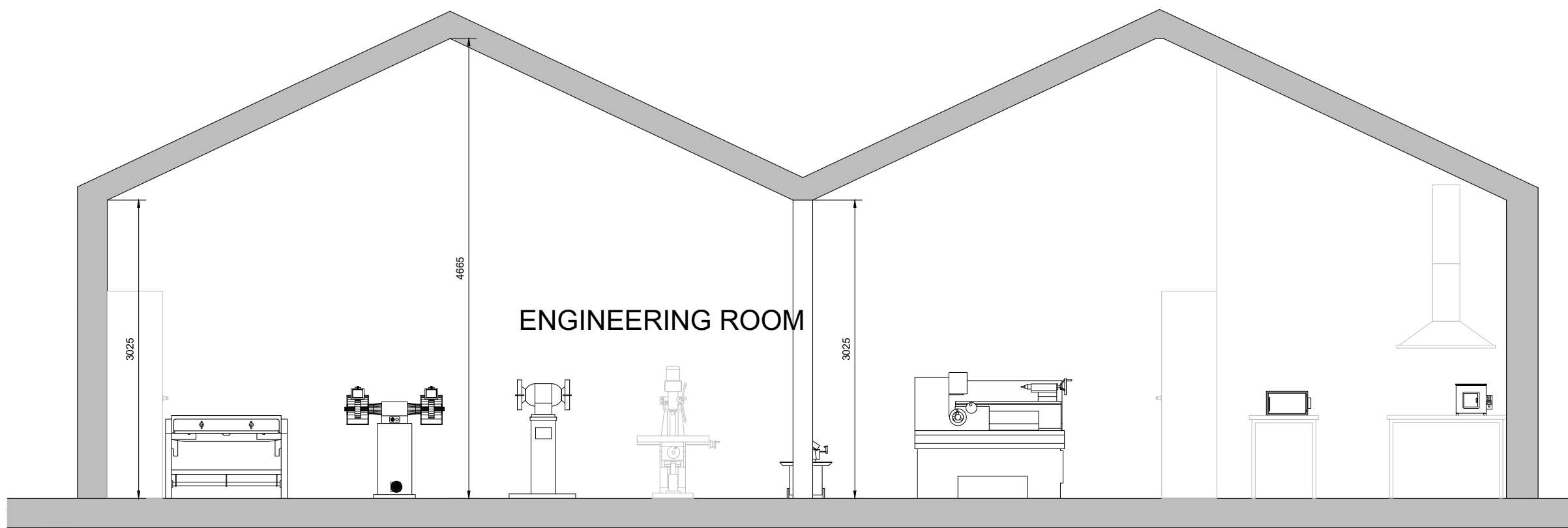
ELEVATION C
SCALE 1:50



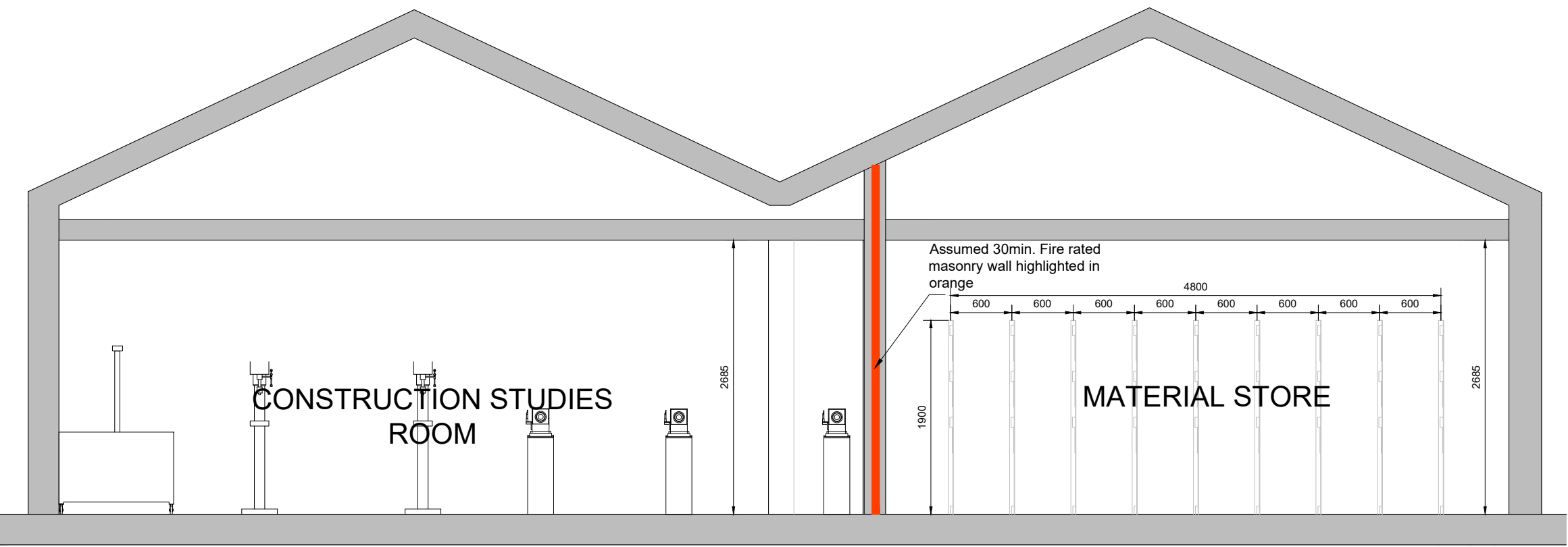
ELEVATION D
SCALE 1:50



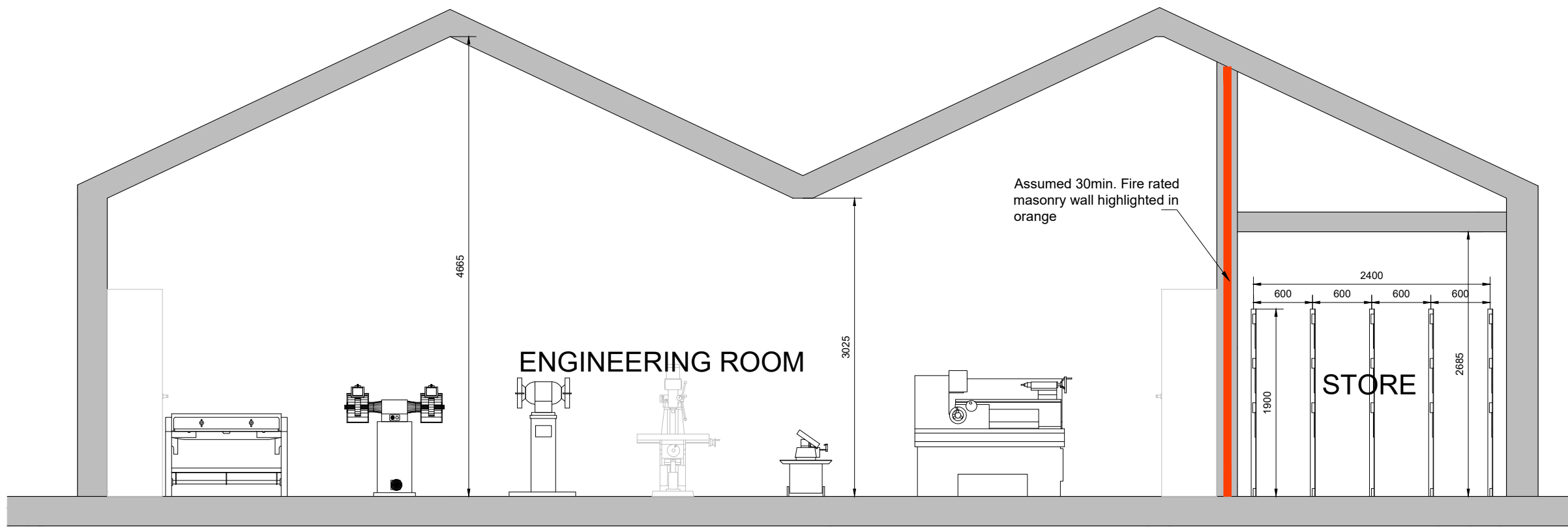
ELEVATION F
SCALE 1:50



ELEVATION G
SCALE 1:50



ELEVATION A & E
SCALE 1:50



ELEVATION G & H
SCALE 1:50

GENERAL SPECIFICATION
GENERAL REQUIREMENTS & SCOPE
All construction works, materials, and installations shall comply with current Irish Standards (IS), Eurocodes, and Building Regulations.

All dimensions and levels must be checked and verified on-site by the Contractor prior to commencing fabrication or installing any specialized workshop equipment.

All new materials, specialist fittings, and surface finishes are to be approved in advance by the Architect.

M&E SERVICES COORDINATION
M&E Specification & Works: All mechanical, electrical, data, plumbing, specialized machine containment, extraction systems (including dust and lathe extraction systems), and safety isolation loops/E-Stops are as specified by the M&E Consulting Engineer.

The Contractor must refer directly to the separate, dedicated M&E Tender Specification documents, layouts, and schedules for all service performance requirements, incoming utility connections, and infrastructure installation criteria.

The architectural layout plans are for coordination and spatial positioning purposes only

INTERNAL RECONFIGURATIONS & JOINERY
ACOUSTIC & DUST SEPARATION:
Supply and install a new custom FD30S fire and smoke-rated door set leading into the newly designated Laser Cutting Room. The door assembly must feature heavy-duty perimeter seals specifically detailed to prevent fine dust infiltration into the clean laser enclosure.

INFILL PARTITION WORK:
Contractor shall remove the existing temporary plywood panel and construct a new 30-minute fire-rated timber infill stud wall partition within that structural opening. The new partition must be tightly detailed to interface seamlessly with the adjacent glazed screen partition and overhead masonry, sheeted both sides with Fireline plasterboard, taped, skimmed, and decorated to match the surrounding wall surfaces.

SKIRTINGS:
Supply and install new 144mm x 18mm moisture-resistant MDF skirtings to all newly configured perimeter wall zones (excluding locations with coved vinyl or granolithic details). All MDF skirtings are to be factory-primed or knotted/primed on-site, countersunk-fixed to structural walls/plugs, filled flush, and finished with two coats of premium satinwood or gloss paint to match the approved school joinery color schedule.

FITTED FURNITURE:
See Fitted Furniture Drawing Nos: T-26-103-05 & 06

FLOOR & WALL FINISHES PERFORMANCE SPECIFICATION
ACOUSTIC LINOLEUM (MARMOLEUM):
Prepare structural sub-floors with an appropriate self-levelling smoothing compound. Supply and install heavy-duty, commercial-grade Forbo Marmoleum Decibel (or approved equivalent) to the main Construction Studies Room, Engineering Room, Laser Cutting Room, Project Store, and Material Store. Flooring must provide a minimum 18dB impact sound reduction to control acoustic reverberation across the active workshop environments. Finishes must achieve an R10 slip-resistance rating and be completed with hot-welded matching seams throughout.

HOT AREA FLOORING (GRANOLITHIC / TERRAZZO):
Supply and install a premium, heavy-duty poured resin or cementitious terrazzo flooring system, Resdev Pumazzo (or approved equivalent), specifically to the designated "Hot Area" in the Engineering Room. The system must be a minimum of 30mm in thickness, incorporating aggregate chips ground and polished under vacuum, then sealed with a low-porosity grout to provide maximum resistance to industrial oil, chemical staining, and thermal shock from dropped welding slag. The cured surface must feature an incorporated anti-slip texture profile ensuring safe operational footing around the welding bay and heat-treatment gear.

At the junction between the Forbo Marmoleum and the Resdev Terrazzo "Hot Area", the Contractor must supply and install a heavy-duty, flush-recessed Schlüter-RENO-U (or approved equivalent) stainless steel ramp profile. The profile must completely bridge the thickness differential between the two floor coverings, creating a smooth, sloped, Part M compliant transition that eliminates any vertical lip or trip hazards while fully protecting the exposed edge of the linoleum

WALL FINISHES:
All internal walls are to be prepared, primed, and finished with a minimum of two coats of durable, scrubable, anti-microbial emulsion paint suitable for commercial/educational kitchen environments.

EXISTING PLASTERBOARD CEILINGS:
Thoroughly prepare all existing plasterboard ceilings by scraping down any loose or flaking paint, filling all minor cracks or surface defects with a premium joint filler, and sanding flush. Apply one coat of stabilizing primer to repaired patches, followed by two full coats of premium, high-opacity, scrubable matte emulsion paint.

EXPOSED STEEL STRUCTURAL COLUMNS & ROOF TRUSSES:
Systematically prepare all existing exposed structural steel columns, perimeter stanchions, and overhead roof truss networks.
De-grease surfaces and wire-brush/sand down any localized rusted spots, loose paint flakes, or workshop residues back to bare metal.
Spot-prime all exposed steel or corroded areas immediately using an approved zinc-phosphate anti-corrosive primer.
Apply two full coats of a high-durability, specialist structural steel coating system (such as a premium gloss or satin metal paint) to achieve the specified fire-protection and aesthetic finish. Color choice to be approved in advance by the Architect.

General Notes:
- Copyright of Dermot F. Geoghagan Architects.
- All dimensions & levels to be checked on site before any work commences.
- No dimensions to be scaled off drawing.
- Any discrepancies to be brought to the attention of the Architect.
- All materials, fittings & finishes to be approved by Architect before any work commences.
- Installation of all materials in accordance with manufacturer's specifications.
- All work to comply with relevant IS & BS standards and TGD current issue.
- All electrical work in compliance with ESB standards & specs.

STAGE:TENDER

DRAWINGS FOR DESIGN PURPOSES ONLY.
DRAWINGS NOT TO BE USED FOR CONSTRUCTION

Revision	Revision Details	Issued by	Date
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
L			
M			
N			
P			

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Client: DDLETB for RATH DARA COMMUNITY COLLEGE
Drawing: PROP. CONSTRUCTION/ENGINEERING ROOM ELEVATIONS
Scale: 1:50@A1
Date: JUNE 2026
Drawn by: EK
Checked by: DFG
T - 26 - 103 - 04

