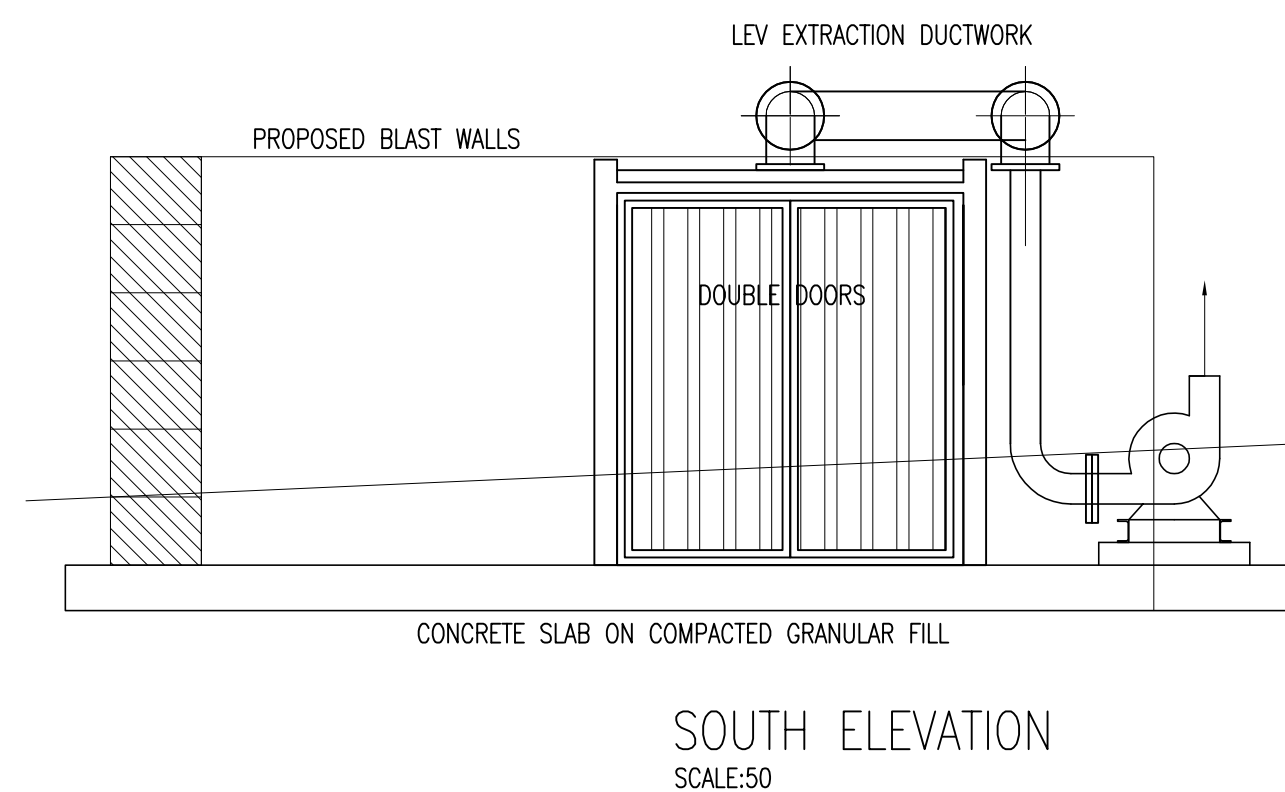
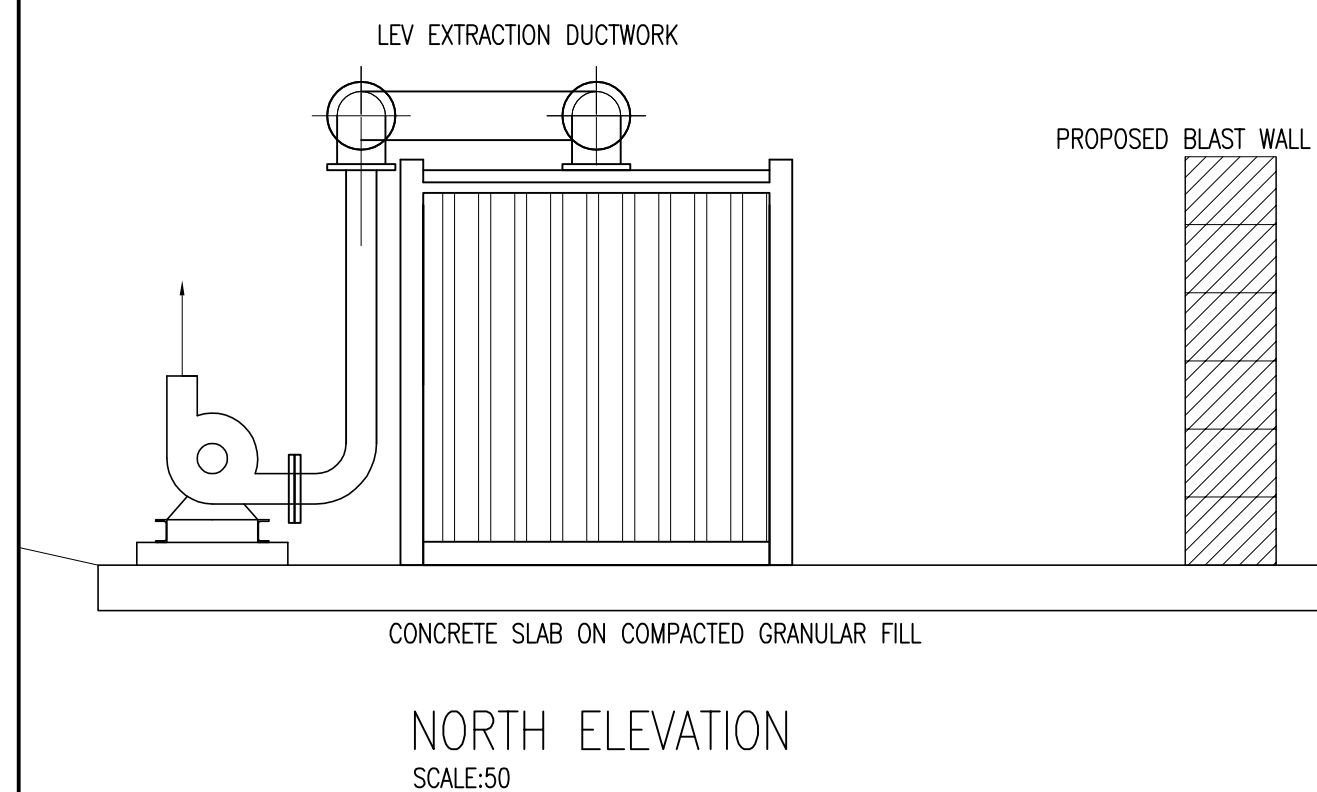
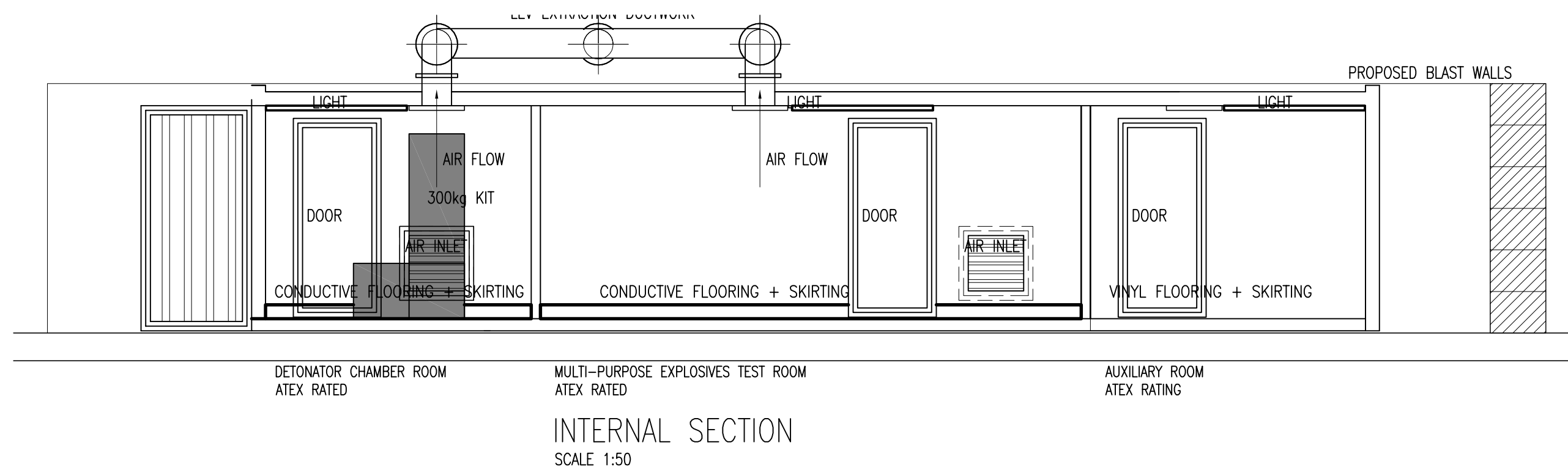
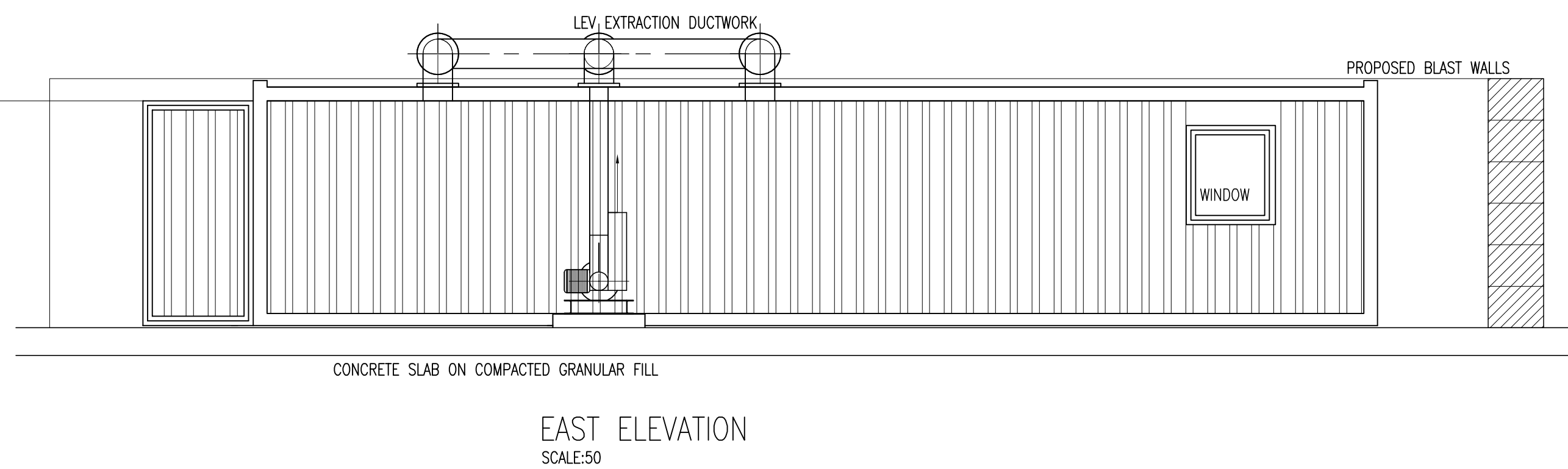
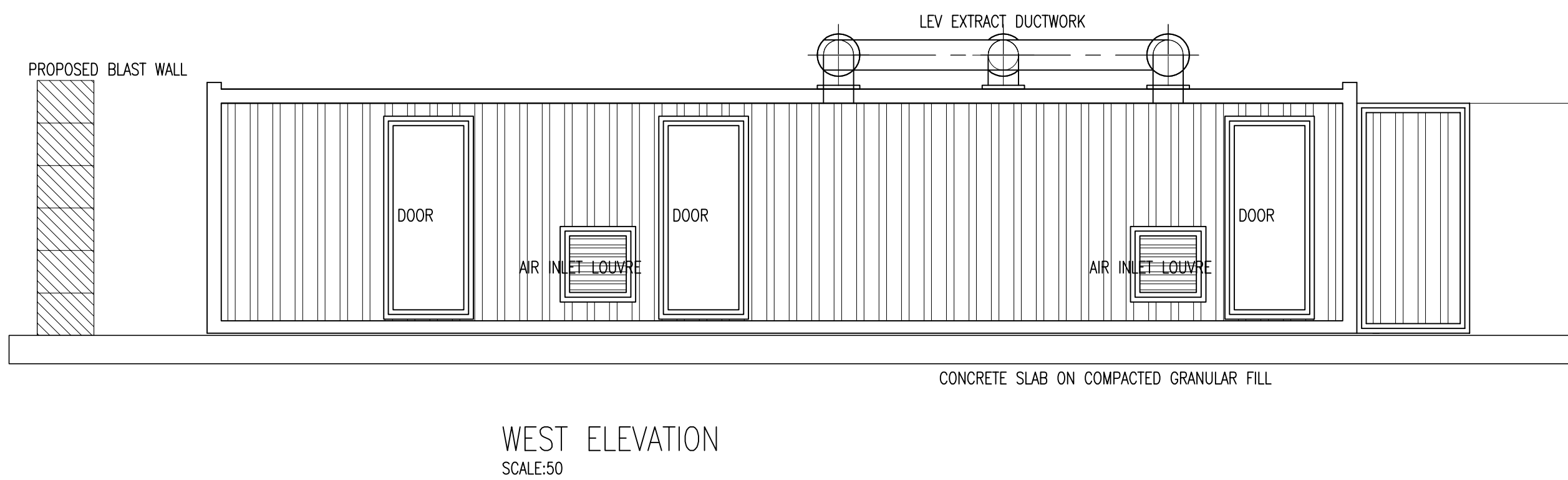
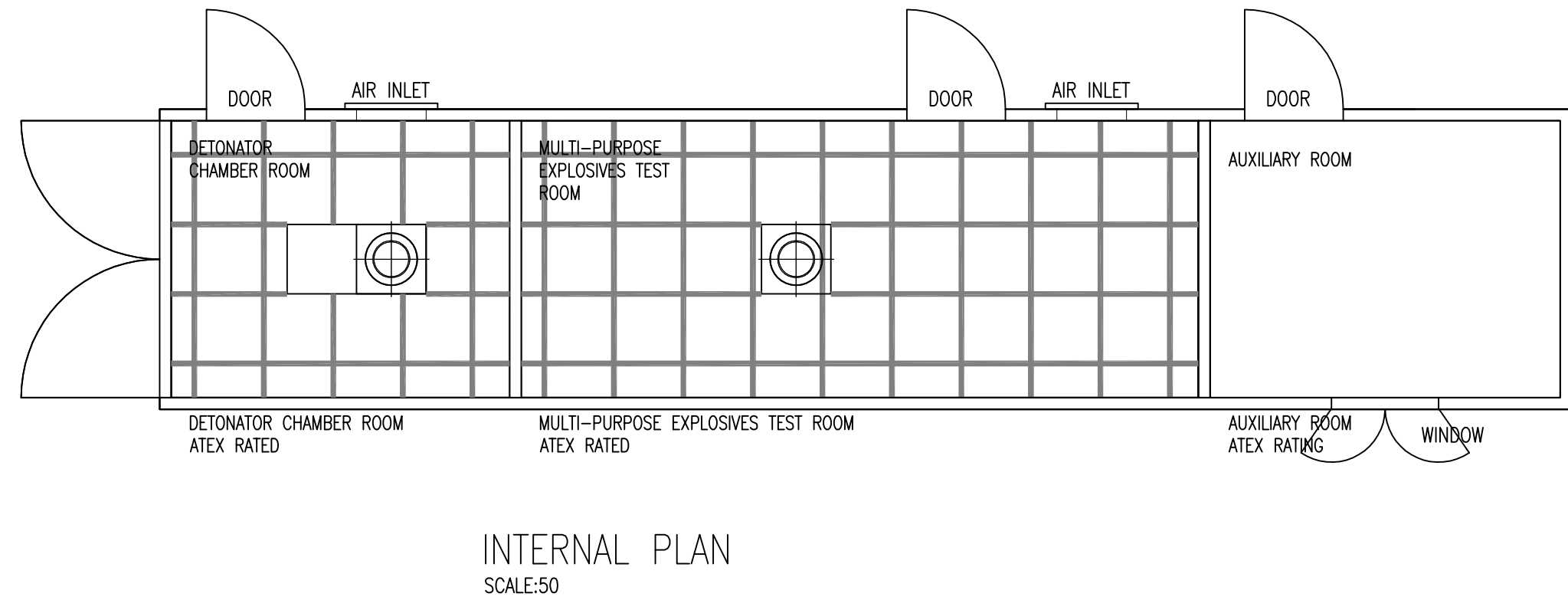
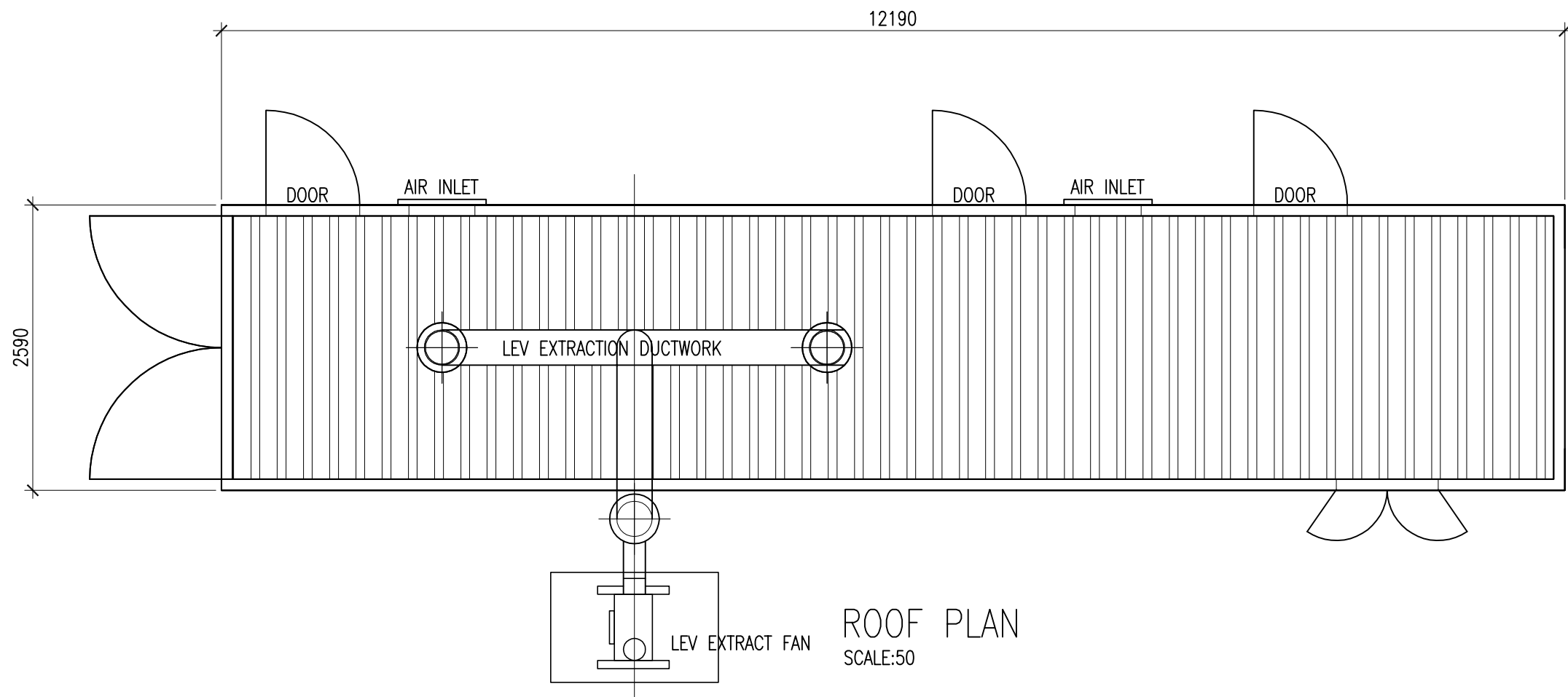




Detonator Chamber Room

Architect
Floor Type – Conductive flooring (not antistatic)
Skirting – Conductive floor rolling up to wall through 90 degrees
Walls Finish –Stainless steel lined (no exposed seams)
Ceiling – Finish As walls
Windows– None
Ventilation – LEV + Low Level Louvre
Shutters – N/A
Doors – Double/single Double (ISO –opening)Steel with Stays
Ironmongery –Locks HSE–SD will equip with matched locks
Conductivity – Test panel Testing meter at entry point

Electrical
Lighting – Main lighting level (Lux) Normal LED Zone Zone 21 ATEX
Colour – warm white
Power / Data –Sockets hard wiring of det chamber kit
Data 4 data points Conduit from room 3
Signage – Illuminated Live Testing Warning Light
Alarm/Access– No
Control Systems no

Mechanical
Heating – Radiator type ATEX
Supply Ventilation As required for LEV
Extract Ventilation As required for LEV
Relative Humidity n/a

Multi-purpose Explosives Test Room

Architect
Floor Type – Conductive flooring (not antistatic)
Skirting – Conductive floor rolling up to wall through 90 degrees
Walls Finish –Stainless steel lined (no exposed seams)
Ceiling – Finish As walls
Windows– None
Ventilation – LEV + Low Level Louvre
Shutters – None
Doors – Single Personnel Door with Stays
Ironmongery –Locks HSE–SD will equip with matched locks
BLAST PANEL– Relieve overpressure – similar to B53 / B123
Conductivity – Test panel Testing meter at entry point

Electrical
Lighting – Main lighting level (Lux) Normal LED Zone Zone 21 ATEX
Colour – warm white
Power / Data –4No ATEX Sockets.
4 data points Conduit from room 3
Signage – Illuminated Live Testing Warning Light
Alarm/Access– No
Control Systems no

Mechanical
Heating – Radiator type ATEX
Supply Ventilation As required for LEV
Extract Ventilation As required for LEV
Relative Humidity n/a

Auxiliary Room

Architect
Floor Type– Vinyl flooring
Skirting – Rolling up to wall through 90 degrees
Walls Finish – No specific finish required
Ceiling – Finish As walls
Material – Metal
Openings None
Windows – 1 Steel
Ventilation – n/a
Shutters – Steel shutters to exterior
Doors – Single Personnel Door with Stays
Ironmongery – Locks HSE–SD will equip with matched locks
Accessories Description
Project No: P2007839 Room Data sheets

Electrical
Lighting – Main lighting level (Lux) Normal LED
Zone Zone 21 ATEX
Colour
Power and Data – Sockets 8 ATEX sockets
Data 8 data points
Telephone – no
Signage Illuminated – n/a
Alarm and Access No
Control Systems no

Mechanical Heating Yes
Number radiators 1
Radiator type ATEX
Supply Ventilation n/a
Extract Ventilation n/a
Relative Humidity n/a
LEVs LEV unit n/a
Fume cupboards number 0
Fume cupboards type n/a
Noise level n/a

SCALE 1:50
0m 1m 2m 3m 4m 5m
WHEN PRINTED AT A1 SIZE

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ALL DIMENSIONS SHOULD BE CHECKED ON SITE

ANY DRAWING ERRORS OR OMISSIONS SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW

NOTES

- 1 PROPOSAL FOR DETONATOR BUILDING.
- 2 THE PROPOSED DETONATOR BUILDING SHALL BE A BESPOKE STEEL ISO CONTAINER TYPE BUILDING.
- 3 THE PROPOSED DETONATOR BUILDING IS TO BE BUNDED USING LARGE PRECAST CONCRETE BLOCKS FORMING WALL.
- 4 REFER DRAWING (1-)S 201, 202 FOR GROUNDWORK AND BUILDING DETAILS.
- 5 THE WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HSL.
- 6 THE WALLS ARE NOT DESIGNED TOP RESIST THE BLAST FORCES ONLY DEFLECT.

Revision B	PB	BDP	01.09.22
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PROJECT HSE BUXTON EAB PROPOSED DETONATOR BUILDING		SCALE VARIES @A1
DRAWING TITLE BUILDING LAYOUT GENERAL ARRANGEMENT AND DETAILS		DATE 20/05/2022
DRAWN P3002000	CHECKED BY (1-)S202	REVISION B