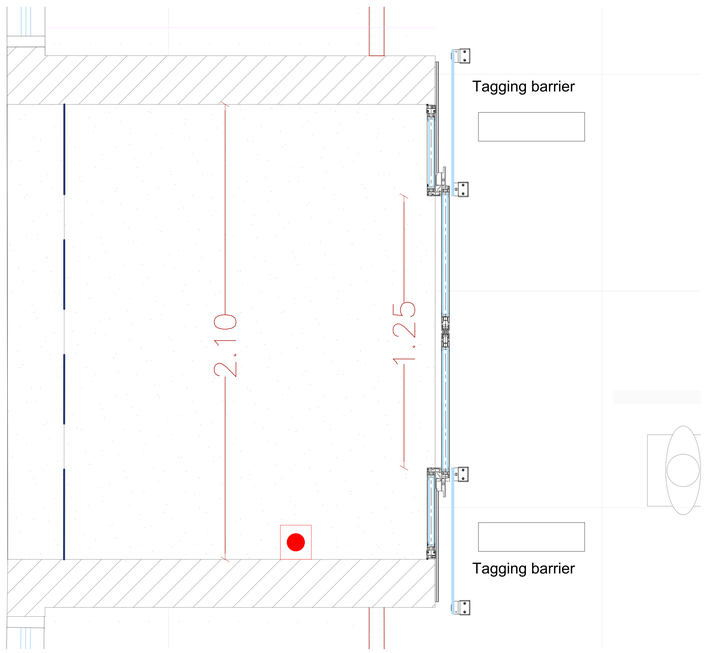


GROUND FLOOR



DETAIL A E: 1/10

OCCUPANCY CALCULATION

Sales floor area: 334.05 m²
Occupancy: 334.05 / 2 = 172 persons

Back of House area: 59.41 m²
Occupancy: 59.41 / 30 = 2 persons

Show windows: 8.38 m²

Total occupancy: 174 persons

In accordance with fire safety regulations, an occupancy of 174 persons requires a minimum of two means of escape. The minimum width required by the regulations is 1050 mm.

FIRE ESCAPE DISTANCES

Point A to Point B = 22.78 m

Point A to Point C = 20 m

Point A to Point D = 26.24 m

NOTES – AUTOMATIC SLIDING DOOR SPECIFICATION

- Colour: RAL 9005, 70% semi-gloss finish.
- Glazing: 28 mm double-glazed clear insulated glass unit (DG28) comprising 2 × 6 mm laminated safety glass (LSG), with Ug = 1.0 W/m²K and black Warm Edge spacer.
- Door Operator: ES 400 PRO automatic sliding door operator, TÜV certified and compliant with DIN 18650 and BS EN 16005, or approved equivalent.
- Fire Alarm Interface: The door operator shall be interfaced with the building fire alarm system to automatically open the doors and hold them in the open position upon activation of the fire alarm. A normally open (N/O) volt-free contact, provided by others, shall be terminated at the operator controller.
- Power Failure Operation: In the event of a mains power failure, the doors shall automatically open using the integral battery back-up and remain in the open position until the mains supply is restored.

PSI LEGEND	
SYMBOLOGY	DESCRIPTION
	EVACUATION ROUTES
	EXISTING SECURITY ROLLER SHUTTER
	EXISTING BREAK GLASS

0 0.5 1 2 3 4 5m
SCALE BAR 1/50

Drawn by: H.S.	Project name: MANGO MANCHESTER MARKET		Gross area 638.71 m²	Net area 592.27 m²	North
Checked by: P.B.E.					
Signed by: Pedro Blaya Escamilla	Project Address: 90-100 Market St, Manchester M1 1PB, UK		MANGO	
Project number: 25.065	Client: MANGO	Representative:		
Date: 10/07/2026	Drawing Title: GROUND FLOOR - New access doors		Sheet 06	Issued by: RETAILAB
Scale: A0.1/50				
Version: V.2				