

Plot Stamp: C:\Users\antessc4\OneDrive - The University of Manchester\Live Projects\8967 Uni Library - Muriel Stott refurb\05 Drawings & Specifications\3 Proposed\1 Architectural\Muriel Stott Library Planning.dwg Plot Date and Time Stamp: 18/03/2025 10:25:30

WORKS:

- Remove and dispose of windows W1 - W14. Install new windows W1 - W14.
- Remove and dispose of main entrance doors D1. Including infill panel and frame.
- Remove and dispose of external door D3 & D4 off site and supply and install new doors D3 & D4.

New combination windows W1 to W6 and W9 to W14

Standard:

Non fire rated windows to BS EN 14351-1 and BS 644.
All glass to be to BS952 and BS EN 572, manufactured and processed in a factory with Quality Control in line with BS EN ISO 9000. All glass to be free from any visible blemishes/defects.
Exposure category rating: 600Pa water penetration, 600 Pa air permeability, 2400 Pa wind resistance.
Operation and strength characteristics to BS 6375-2

Timber: generally to BS EN 942. Softwood frames as table NA.1 and hardwood cills as Table NA.2. Moisture content on delivery 12-19%.

Preservative treatment - manufacturer's standard
Finish as delivered: full paint system as manufacturer's standard

Thermal performance: 1.6W/m²K
Acoustic rating: n/a
Fire rating: n/a

Glazing details: double glazed units to achieve max U value 1.6W/m²K. Fitted with neoprene gaskets and internal hardwood beads. All glass to be laminated to BS EN14449 and comply with BS EN 12600.

Fixed panel: allow for 15mm exterior quality ply, factory finished, fixed with hardwood beads and insulation between panel and existing structure.

Ironmongery:

Opening light 1 - Teleflex manual opening gear. Finish white. Slimline handle fixed to window frame.
Opening light 2 - folding cam openers with link bar, restricting window opening to 100mm. Sain finish. As Strand Duoflex or equivalent. Alternative proposals to be agreed prior to install.

New combination windows W7 & W8

All as above but, no opening lights.

New softwood window board to all new windows. Prepare and paint woodwork 3 coats of gloss. Colour TBC.

New combination pedestrian entrance door and frame - D1

Door and frame to fit into existing structural door opening. Main opening leaf to provide min. clear effective opening 1000mm. Slave leaf to fill remaining opening.
Timber door set to BS EN 942. Hardwood as Table NA.2. Appearance class J10.
Assembly: PVAC to BS EN204 Class D4, accuracy to BS 4787-1
Preservative treatment - manufacturer's standard
Thermal performance: min 1.6W/m²K
Frame: hardwood, full factory finish, painted internal and external. Frame to be sufficient to take new power assisted door motor
Door: hardwood, full factory finish, painted internally and externally.

Glazing details: clear double-glazed units to achieve max U value 1.6W/m²K, internal hardwood beads. All glass to be laminated to BS EN14449 and comply with BS EN 12600.

Fixed panel above doors: 15mm exterior quality ply, factory finished, fixed with hardwood beads and insulation between panel and existing structure.

Ironmongery:

Primary leaf -

- 250mm kick plate both sides
- 300 mm pull handle internal
- 300 mm finger plate external
- Grade 13 triple knuckle hinges
- Finger guard to hinge edge

All satin finish

Slave leaf -

- 250mm kick plat both sides
- Grade 13 triple knuckle hinges
- Top and bottom lever action flush bolts with plate receivers in frame and floor.

All satin finish

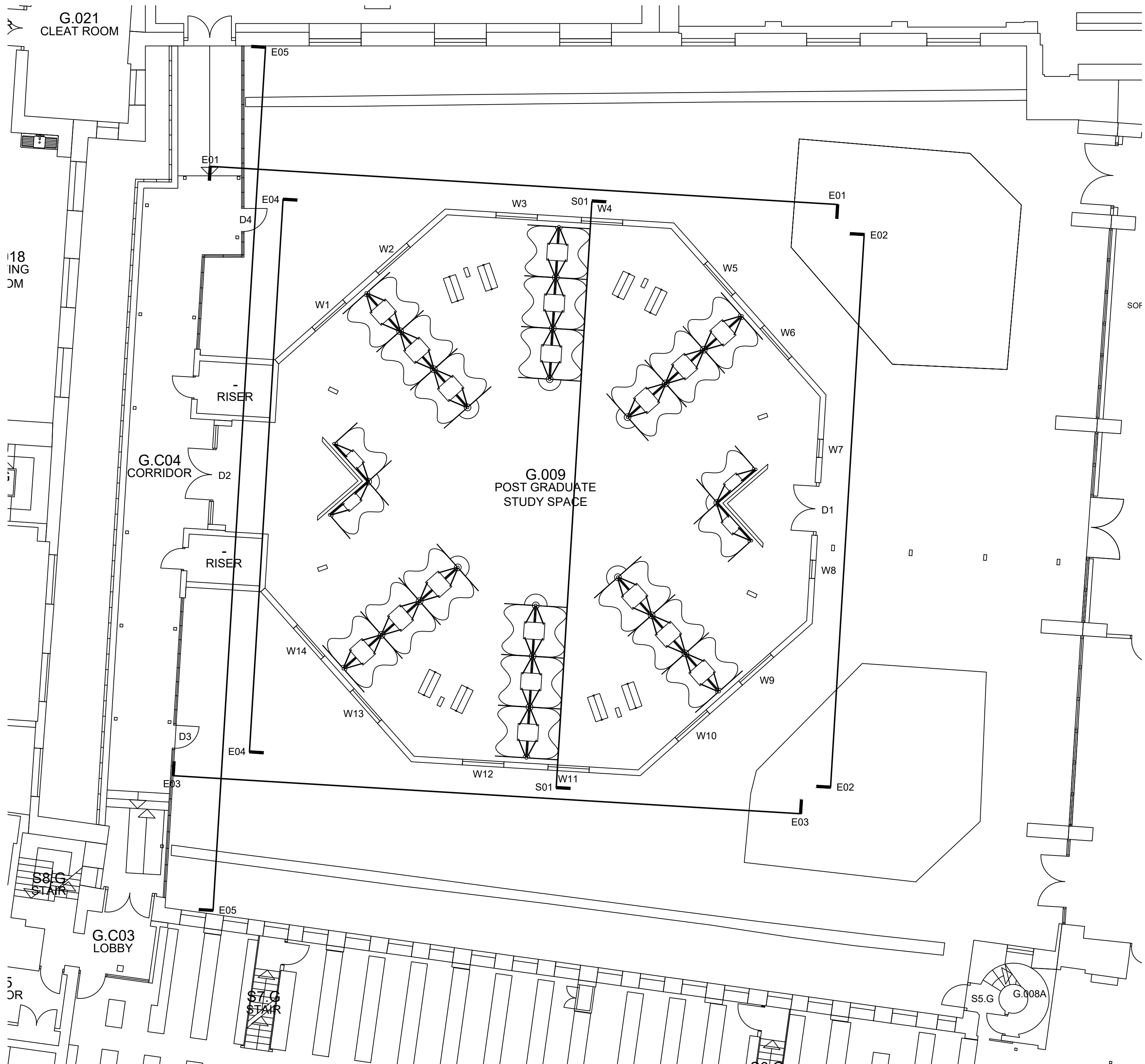
External Emergency Exit Door D3 and D4

Supply and install External Hardwood Pattern 10 door
Existing dimensions of door:
D3 - 832 x 1952 x 44mm
D4 - 813 x 1984 x 44mm
Clear toughened 14mm DGU 4/6/4 cavity double-glazed unit
Paint finish internal & external.

Manifestations: To match existing on corridor glazing

Ironmongery:

RTO Return to door lever on a rose handle (pair). Deadlock mortice night latch; Internally half euro cylinder with escutcheon; grade 13 triple knuckle hinges; door closer. All satin stainless steel finish.



NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
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A	Section line S01 added	18/03/25	CT		

Rev\	Description	Date	By	Chk'd	Auth
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The University of Manchester

Directorate of Estates and Facilities
Beyer Building
The University of Manchester
Oxford Road
Manchester
M13 9PL

Drawing Status
PLANNING

Project
MURIEL STOTT LIBRARY

Building Name
THE UoM LIBRARY

Building No.
022AA

Site Name
OXFORD ROAD

Sub Site Name
-

Drawing Title.
FLOOR PLAN

PM	CT	Drawn	CT	Checked	-	Authorised	-
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Scale @A1	Date	Date	Date
1:100	27/01/2025	-	-

Drawing No.	Revision
8967-P003	A