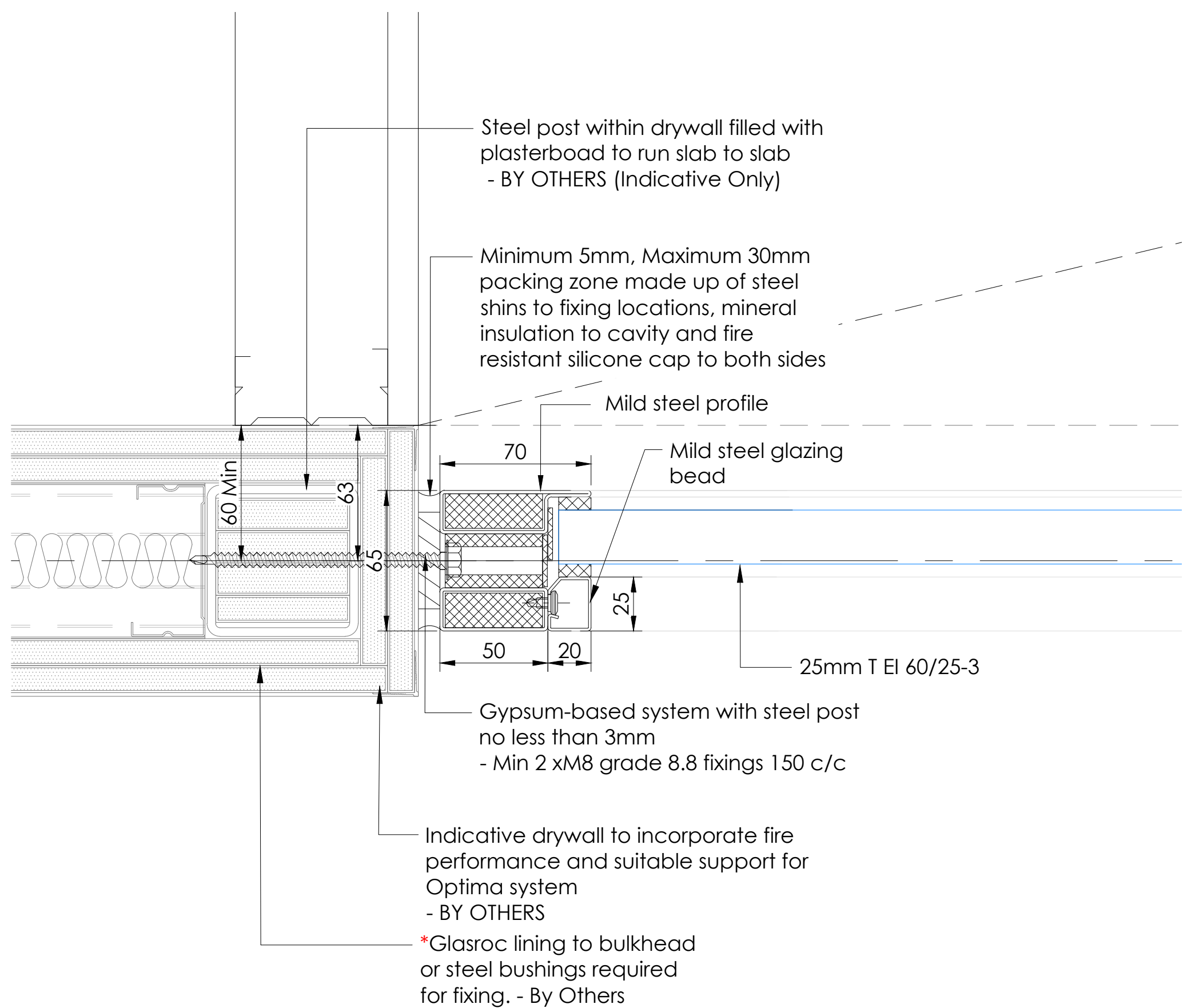
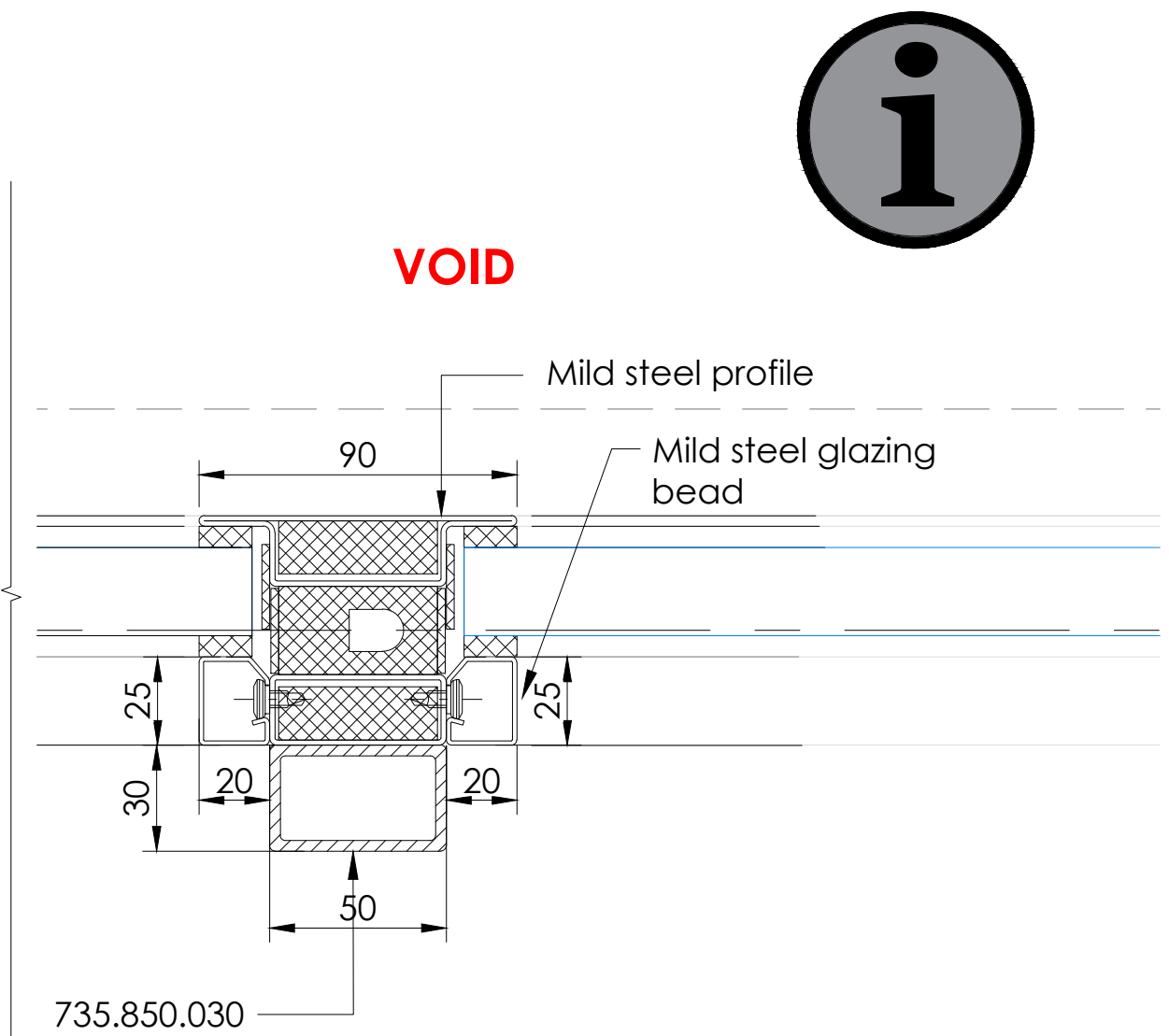
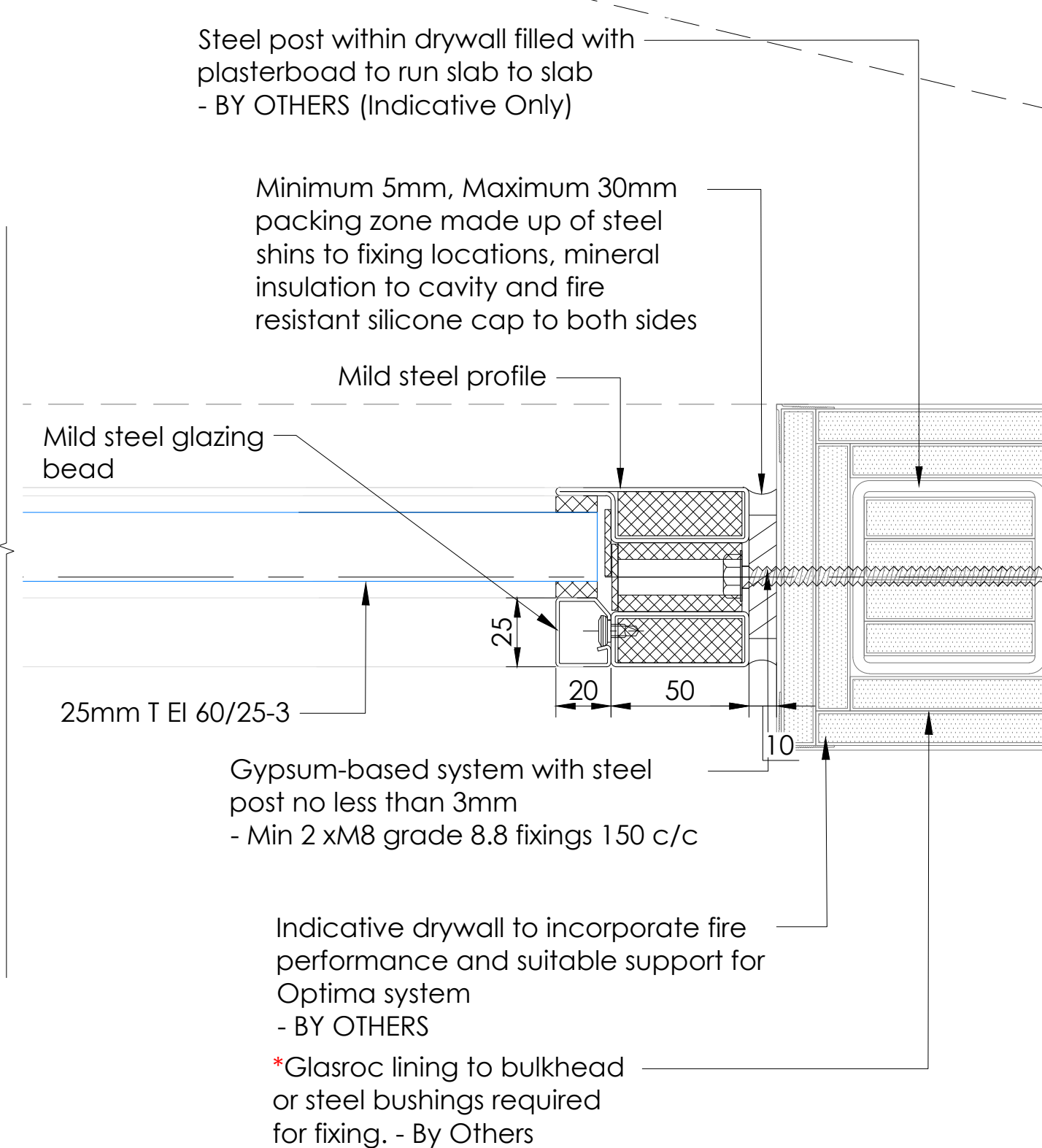




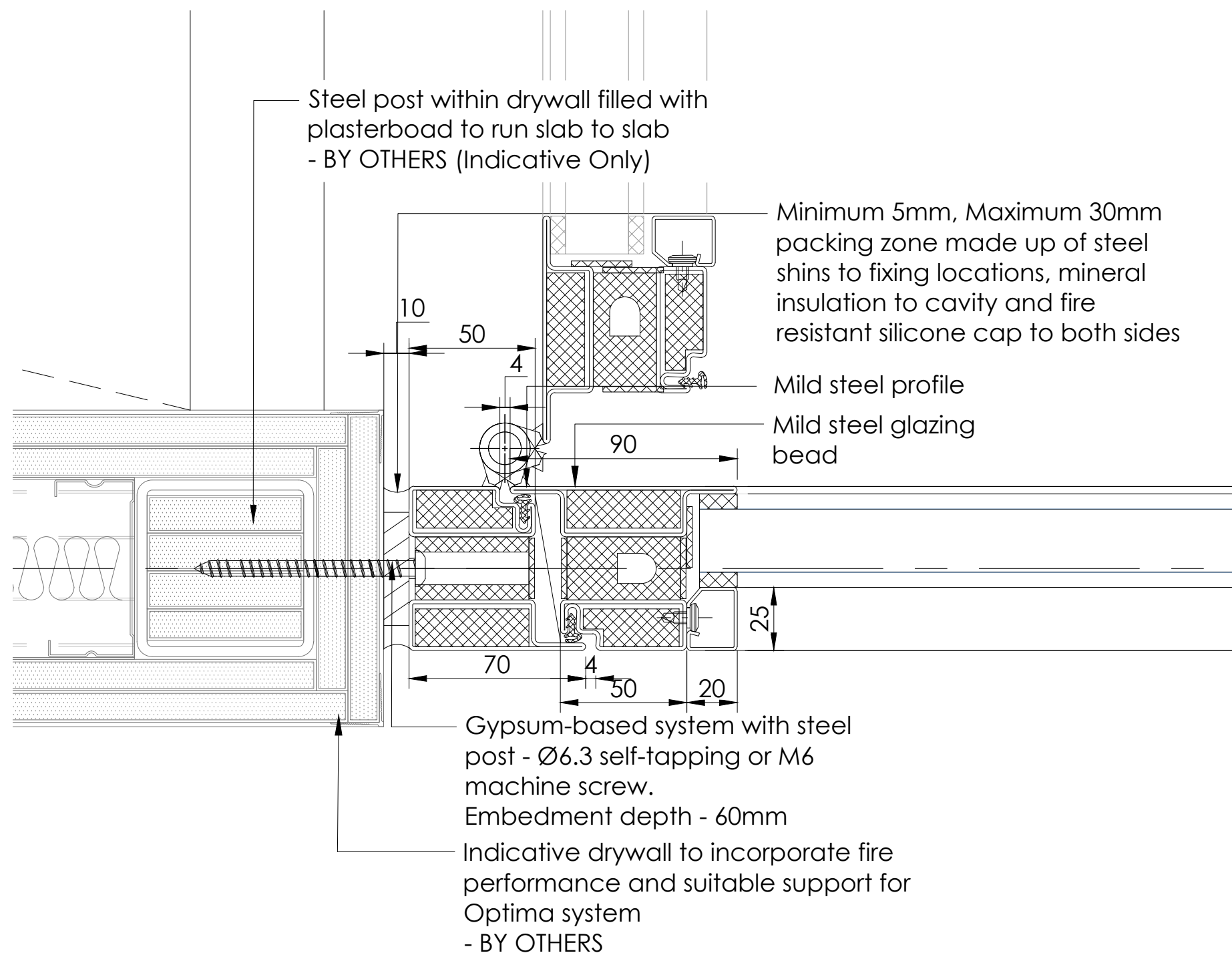
1 Plan Detail - Wall Abutment Scale: 1:2



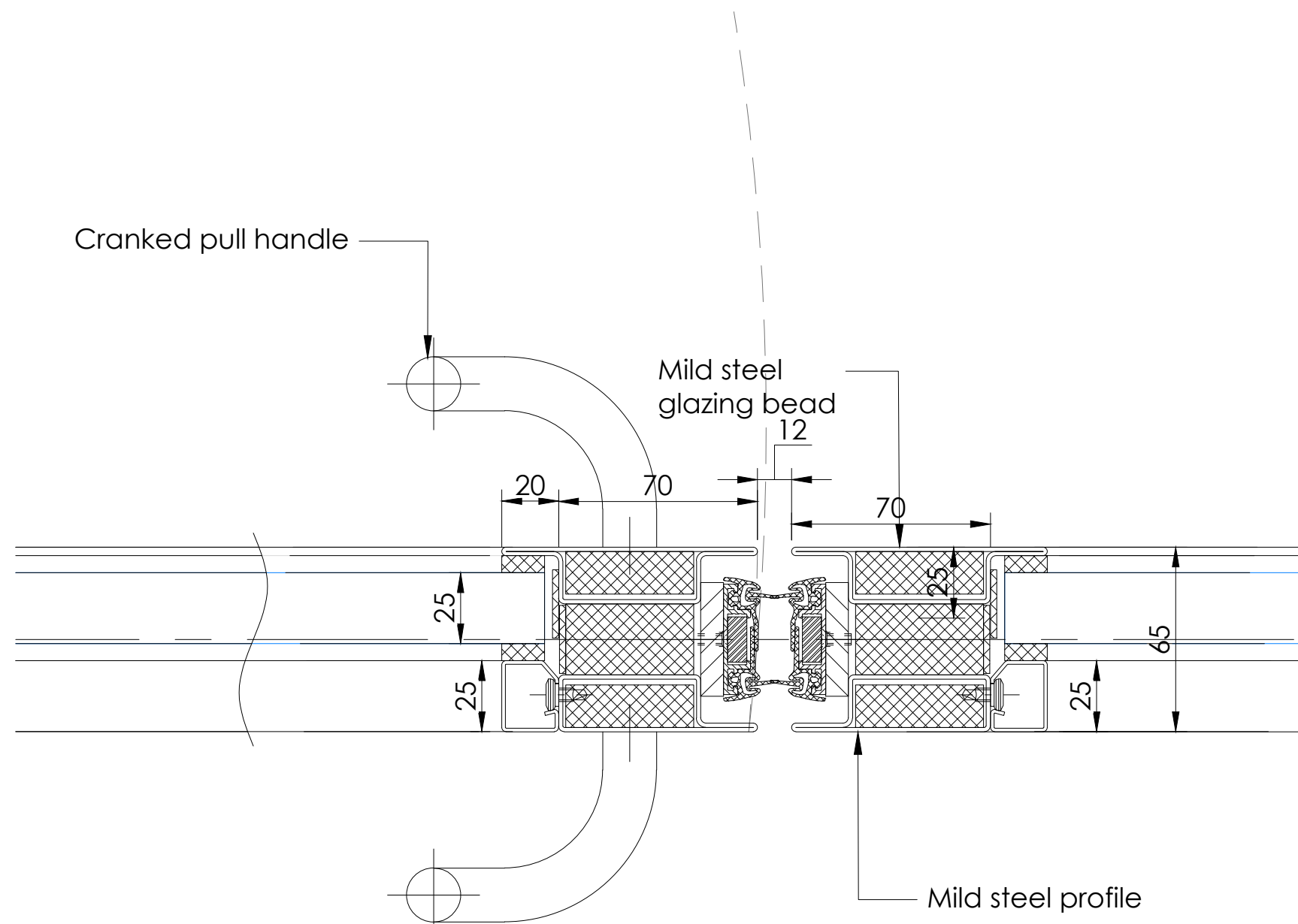
2 Plan Detail - Mullion Scale: 1:2



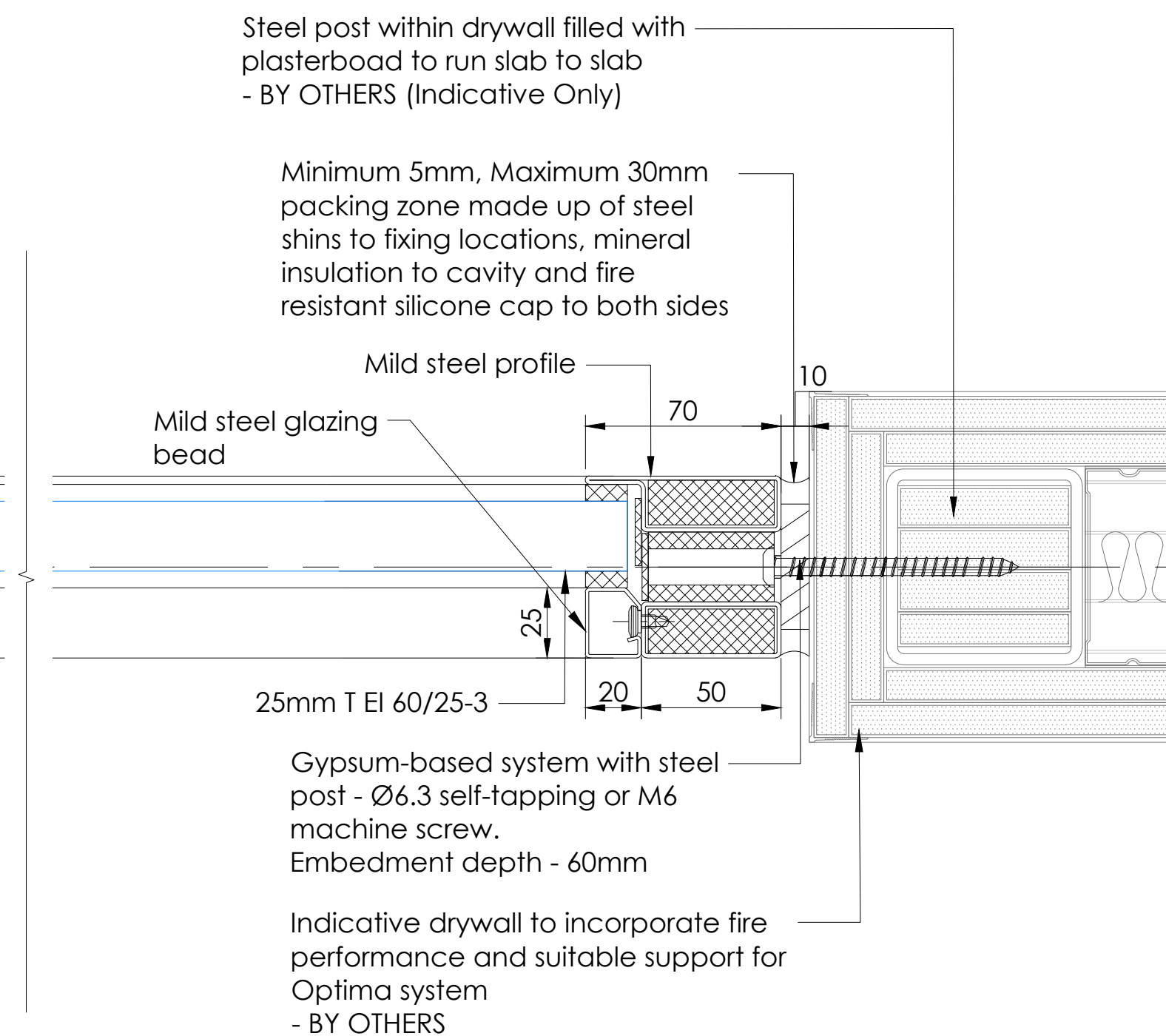
3 Plan Detail - Wall Abutment Scale: 1:2



3 Plan Detail - Door Pivot Scale: 1:2



4 Plan Detail - Door Jamb Scale: 1:2



5 Plan Detail - Wall Abutment Scale: 1:2

Calculated outcomes for full-height fully-framed (4-edge supported) glazing, measured against the BS EN 16612:2019 maximum deflection criteria of L/65 (50mm).

Includes screens of 1 pane, single sidelights to doors and multiple-module screens

	Glass may be used to satisfy the above criteria
	Glass may be used but there is a thinner alternative that satisfied the above criteria
	Glass does not satisfy the above criteria. Do not use

Glass		Dimensions		Line Load (N/m)
Type	Thickness (mm)	Height (mm)	Width (mm)	
T EI60/25-3	25mm	3000	≤ 1500	740
Line Load Reaction		Wind Load Reaction		Stress (N/mm²)
Deflection (mm)	Stress (N/mm²)	Deflection (mm)	Stress (N/mm²)	
2.33	5.28	0.91	2.06	

Safety Health & Environmental Information Box

Construction Risks

This project uses only materials that have been used in this manner before. From a Designer viewpoint.
Optima do not envisage any specific Construction issues to communicate.

Maintenance / Cleaning Risks

Optima, in the main, provide office partitioning. The components (specifically the glass) are tested to the relevant national or international standards of the day). As such CLEANING and MAINTENANCE of this product reveal no specific risks. However, Optima would point out that all persons involved with maintenance and cleaning should themselves be subject to their own employer's specific risk assessment process. Special care should be taken if working at height. In such cases the regulations of the day apply. Optima do not recommend any loadings against its products.

Demolition / Adaptation Risks

From the viewpoint of a Designer, Optima have identified no significant risks for demolition and adaptation.
However, the usual risk assessments are presumed as implemented by the company proposing demolition and/or adaptation.

Environmental / Recycling

Much of the Optima range of project is relocate-able. See original terms and conditions for clarification.
Environmental issues are subject to the law of the day.

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note of the following:
It is assumed that all work on this drawing will be carried out by a competent contractor working where appropriate, to an approved method statement.

CDM Communication Symbols



Please note this is a fire rated and guarded screen.

Fire Specification

Fire Rating	Door
Fire Certificate Reference	
Partition CF5204	Door and Side Screen CF5204 Pg. 51-52
Technical Guide Reference	
Partition Screen next to door - Page 209 Screen with Mullions - Page 181	Door Page 209

General Information Table	
Type Reference	
Partition	Door
Technishield 65 60/60	Technishield 65 60/60
Floors	
02	
Reference No.	
Partition No.	Door No.
S.02.01, S.02.02	D.02.01
Acoustic Rating	
Partition	Door
Rw40dB estimate	Rw30dB estimate
Ironmongery Set Reference	
SSS Cranked pull handle and door stop	
Framework Finish	
Partition	Door
RAL 9011	RAL 9011
Door Leaf Finish	
Glass	
Trim finish	RAL 9011
Deflection	NA
Structural Loads	
Partition	Door
25mm T EI 60/25-3	25mm T EI 60/25-3
Manifestation	
25mm Shoredrth bars and reeded film	

Please Note

To be read in conjunction with DRG-104

All partition structural opening dimensions are subject to final site measure before work is undertaken.

Opening Forces Statement

Due to external factors such as internal wind pressures, air conditioning and heating etc., the Approved Document M compliant opening forces cannot be guaranteed for installed doors fitted with a self-closing device. The Design Team / Client may wish to consider additional measure to ensure compliance.

01	23.06.22	glass sizes and RAL colour updated as per comments	OC	AM	AA
00	14.06.22	First Issue	OC	AM	AR
Rev	Date	Description	Dr	App	Ck

GA Reference Colour:

Status:

For approval

Optima

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OPTIMA CONTRACTING LIMITED COURTYARD HOUSE WEST END ROAD HIGH WYCOMBE BUCKINGHAMSHIRE HP11 2GB	Tel: +44 (0) 1494 492600 Web: www.optimasystems.com
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PART OF THE OPTIMA GROUP
Project Number:

50357

Project Name:
40-46 Princess Street

Title:
Technishield 65 60/60 Guarded Screen
& Technishield 65 60/60 Door & Screen
Plan Details, Shoreditch Edition

Scale @ A0:	Drawing No.:	Revision:
1:2/1:20	OPT-DRG-105	00