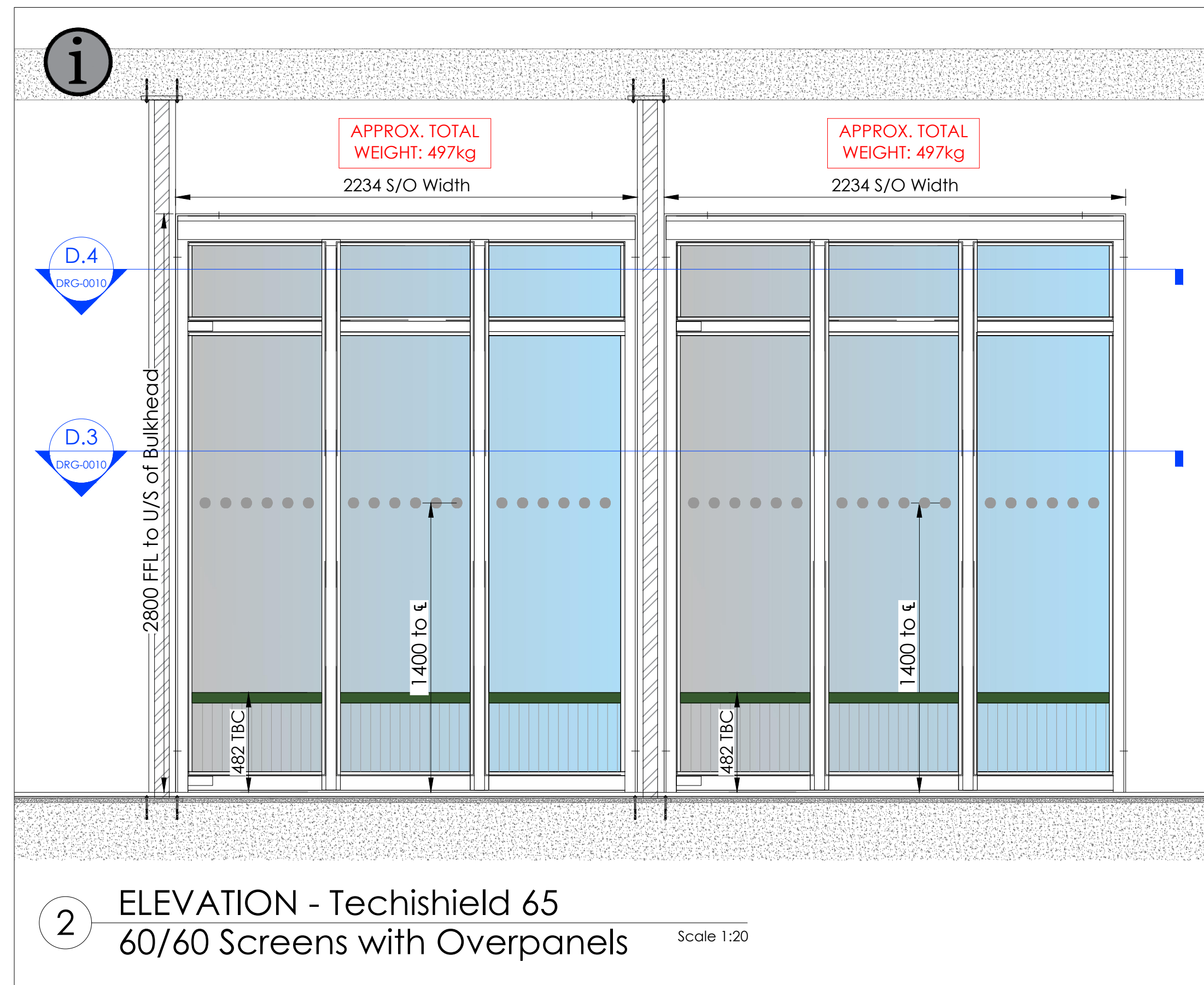
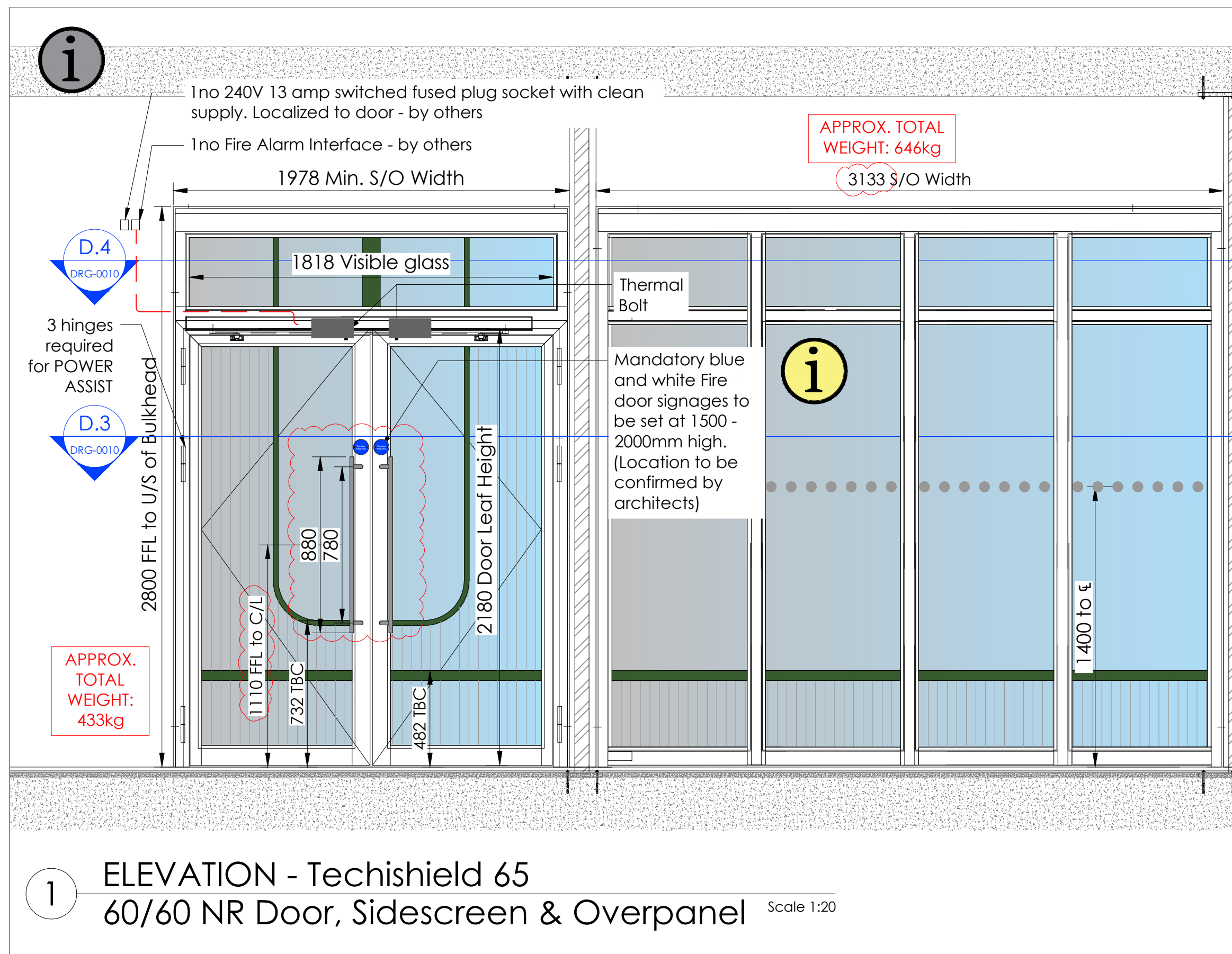
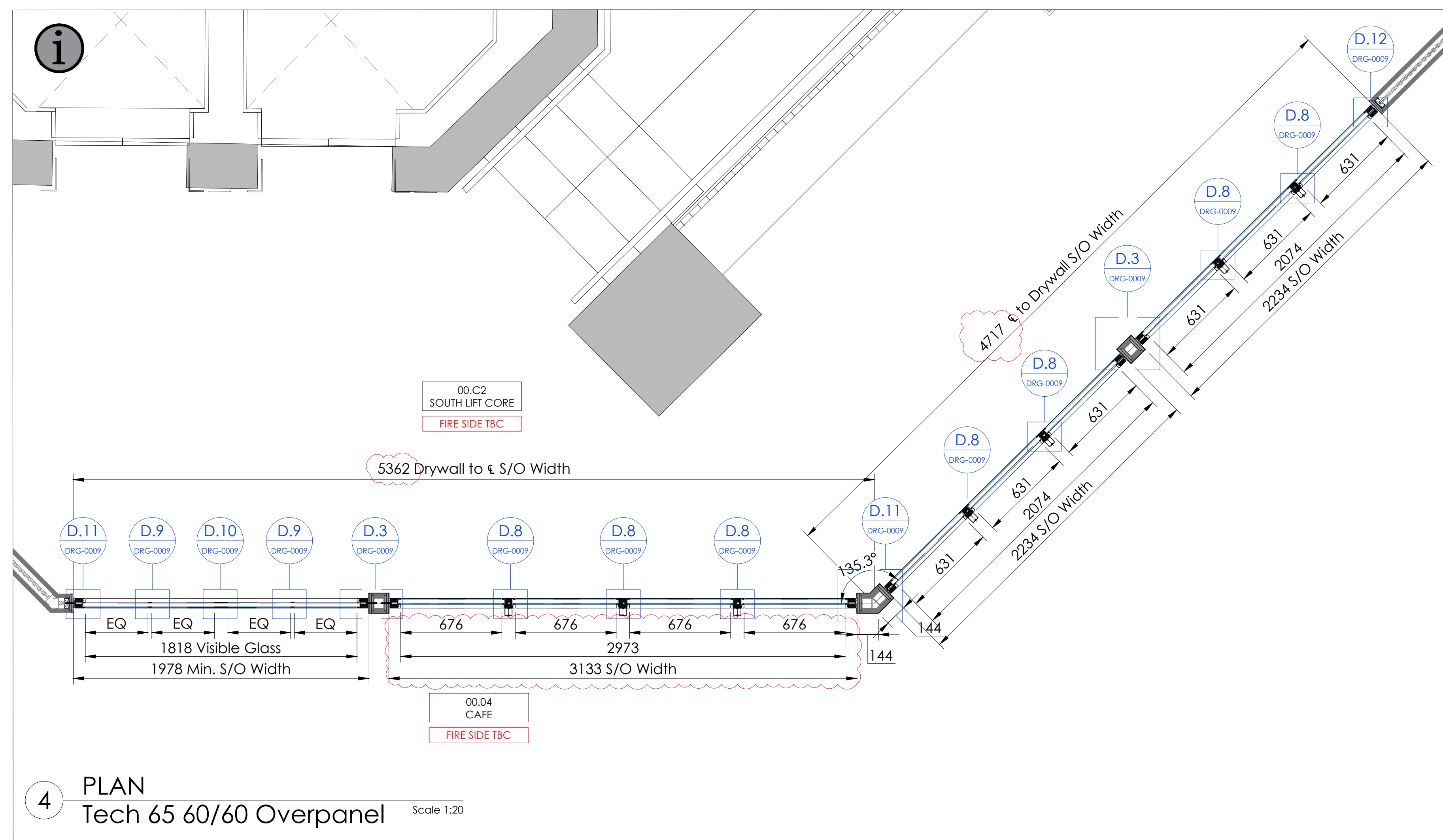
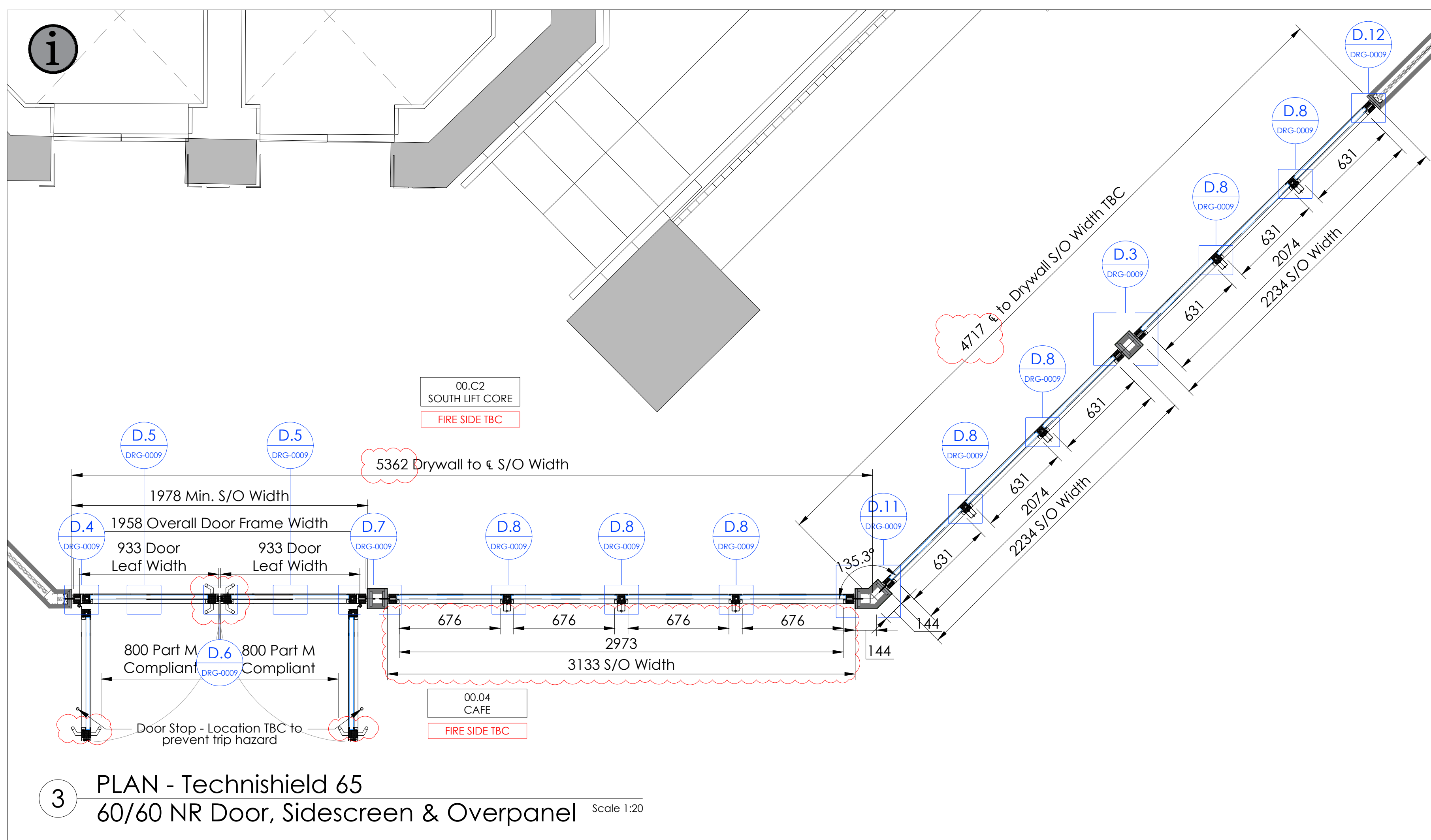




Optima to provide full height vertical steel posts slab to slab 3550mm in height



Safety Health & Environmental Information Box

Construction Risks

This project uses only materials that have been used in this manner before. From a Designer's perspective:

- Optima do not anticipate any specific Construction issues to communicate.

Maintenance / Clearing Risks

Optima, in the main, provide office partitioning. The components, specifically the glass are selected to the relevant national or international standards of the day. As such **CLEANING AND MAINTENANCE** issues are not relevant nor specific risks. However, Optima would point out that all persons involved with maintenance and clearing should be properly trained to avoid any over-employment specific risk assessment process. Specific care should be taken not working at height. In such cases the regulations of the day apply. Optima do not recommend any loadings against its products.

Demoition / Adaptation Risks

From the viewpoint of a Designer, Optima have identified no significant risks for demolition and adaptation.

However, the visual risk assessments are presumed as implemented by the company providing 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 it is normally associated with, the types of work completed on this drawing table have appropriate risk.

It is assumed that all work on this drawing is carried out by a competent contractor working where appropriate, of the appropriate material.

CDM Communication Symbols	
	System with fire rating of 60/60
	Please note: Fire signage is mandatory and the colour requirements are blue and white. The only instance these colours may change is with agreement with building control which approved the change of mandatory fire door signage.

Fire Specification	
Fire Rating	
Partition	Door
	

Fire Certificate Reference	
Partition	Door
CF5204 (Page 48)	CF5204 (Page 48)
Technical Guide Reference	
Partition	Door
Page 211 (23.03.20)	Page 211 (23.03.20)

General Information Table	
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Type Reference	
Partition	Door
Technisheid 65	Technisheid 65
Floors	GF
Reference No.	
Partition No.	Door No.
IWS - 515	D-00-07
Acoustic Rating	
Partition	Door
Rw42dB Glass Only (Estimated Rw40dB)	Rw30dB Max.
Ironmongery Set Reference	
	Cranked pull handle, power assist, door stops and hinges
Framework Finish	
Partition	Door
RAL 6020	RAL 6020
Door Leaf Finish	RAL 6020/Glass
Trim finish	RAL 6020
Deflection	N/A
Structural Loads	1.5kN/m line load (screens only)
Glass Specification	
Partition	Door
25mm Pyroguard T-E60/25-3 Glass	25mm Pyroguard T-E60/25-3 Glass
Glass Edge Cover	15mm minimum
Manifestation	Part K Manifestation BY OTHERS (Indicative Only)

Please Note:
All measurements to be taken from site prior to manufacture.
For steelwork only, please read this drawing in conjunction to 50489-OPT-MAN-DR-03

Calculated outcomes for full-height, full-width (single opening) glazing, measured against the BS EN 1865-2019 maximum deflection criteria of 1/40 L (L=height).

Includes screens of 1 pane, single louvers to doors and multiple movable screens.

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



Glass			Dimensions		Line Load (N/mm)	Line Load Reaction		Wind Line Reaction	
Type	Thickness (mm)	Height (mm)	Height (mm)	Width (mm)		Deflection (mm)	Stress (N/mm²)	Deflection (mm)	Stress (N/mm²)
1865B2-2	25mm	2600	< 1500	1500	4.38	5.93	0.85	1.94	
1865B2-2	25mm	2600	< 1500	1500	4.46	5.15	0.87	2.00	
1865B2-2	25mm	2600	< 1500	1500	4.52	5.36	0.88	2.04	

C02	06.08.24	Amended handles as per latest runway type - dimensions updated as per latest site survey	NK	AMC	RH
C01	26.07.24	Updated as per comments - shoreditch bar approved	NK	AMC	OC/CM
P03	02.07.24	Amended as per comments	NK	AMC	ACR
P02	18.06.24	Status C - Amended as per comments	NK	AMC	RH
P01	24.05.24	First Issue	NK	AMC	RH
Rev	Date	Description	Dr	App	Ck

Status:

For Construction

Optima

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PART OF THE OPTIMA GROUP	
Project Number:	

50489

Project Name: Sunlight House Refurbishment, Manchester

Technishield 65
60/60 FR NR Double Leaf Door, Screens
with Mullions and Overpanels

Scale @ A0:	Drawing No.:	Revision:
1:2/1:20	50489-OPN-ZZ-GF-DR-X-0010	C02