

Hazard Identification		
ref	hazard	date

U-VALUES, AIR PERMEABILITY & TESTING

U-VALUES

Please refer to BRUKL calculations for further information

Calculate area-weighted average U-values

External Walls	0.26 W/m²K
Ground Floor	0.20 W/m²K
Roof	0.18 W/m²K
External Personnel Doors	2.2 W/m²K
Windows	1.6 W/m²K
Curtain Wall	1.6 W/m²K
Roller Shutters	1.5 W/m²K

AIR PERMEABILITY AND PRESSURE TESTING

Reasonable provision shall be made to ensure the building is constructed to minimise unwanted air leakage through the new building fabric.

The measured air permeability to be in compliance with the Target CO2 Emission Rate (TER) design limits.

Air Permeability 5 m³/(hm²) at 50 Pa

All buildings above 500 m² of total useful floor are must be subject to pressure testing

P8	Re-issued for planning	AG	21.08.20	XX
P7	Drawing updated following client comments.	AG	03.07.20	AG
P6	Issued for Information	AG	19.06.20	JC
P5	Issued for Planning	AG	01.06.20	JC
P4	Planning Issue	MK	09.03.20	AB
P3	Layout updated as Elevation redesign.	AB	06.01.20	JC
P2	Stair & WC updates.	MK	31.10.19	AB
P1	First Issue of Drawing	AB	10.10.19	NR

Rev	Revision Details	Drawn	Date	Checked
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Client
Storage (Pennines) Ltd

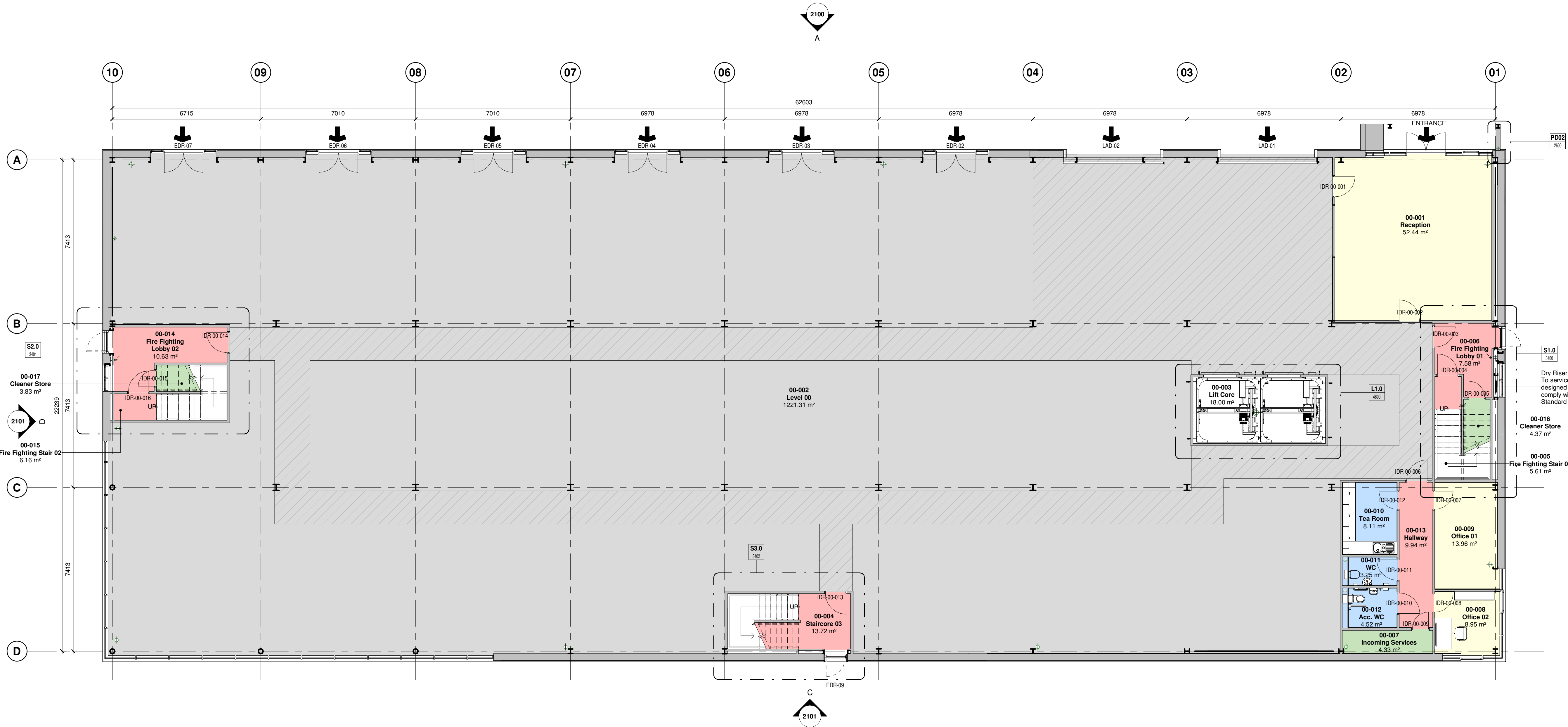
Project
SureStore Ashton Moss
Rayner Lane, Ashton-under-Lyne

Drawing Title
GA Plan as Proposed (Level 00)

Status Purpose of Issue
S2 SUITABLE FOR INFORMATION

Drawn by MK **Created** 10.10.19
C4 Job no. 19079 **Scale** 1 : 100 **@ A1**

Drg no. 19079-C4P-V1-00-DR-A-2000 **Rev** P8



S2.0 20-00_GA Plan as Proposed - Level 00
1 : 100

Area Access Key

- Amenity Area
- Circulation
- Lift
- Office/Reception
- Services
- Storage Area

Area Schedule (GEA)			
Name	Area		
	Metric	Imperial	
GEA - Level 00	1,465.18 m²	15,771 ft²	
GEA - Level 01	1,465.18 m²	15,771 ft²	
GEA - Level 02	1,465.18 m²	15,771 ft²	
GEA - Level 03	1,465.18 m²	15,771 ft²	
Grand total: 4	5,860.70 m²	63,084 ft²	

Area Schedule (GIA)			
Name	Area		
	Metric	Imperial	
GIA - Level 00	1,410.37 m²	15,181 ft²	
GIA - Level 01	1,410.37 m²	15,181 ft²	
GIA - Level 02	1,410.37 m²	15,181 ft²	
GIA - Level 03	1,410.37 m²	15,181 ft²	
Grand total: 4	5,641.87 m²	60,730 ft²	

Room Internal Area Schedule - Level 00			
Number	Name	Areas	
		Metric	Imperial
Level 0			
00-001	Reception	52.44 m²	565 ft²
00-002	Level 00	1,221.31 m²	13,146 ft²
00-003	Lift Core	18.00 m²	194 ft²
00-004	Staircore 03	13.72 m²	148 ft²
00-005	Fire Fighting Stair 01	5.61 m²	60 ft²
00-006	Fire Fighting Lobby 01	7.55 m²	82 ft²
00-007	Incoming Services	4.33 m²	47 ft²
00-008	Office 02	8.95 m²	96 ft²
00-009	Office 01	13.96 m²	150 ft²
00-010	Tea Room	8.11 m²	87 ft²
00-011	WC	3.25 m²	35 ft²
00-012	Acc. WC	4.52 m²	49 ft²
00-013	Hallway	9.94 m²	107 ft²
00-014	Fire Fighting Lobby 02	10.63 m²	114 ft²
00-015	Fire Fighting Stair 02	6.16 m²	66 ft²
00-016	Cleaner Store	4.37 m²	47 ft²
00-017	Cleaner Store	3.83 m²	41 ft²
17		1,396.71 m²	15,034 ft²