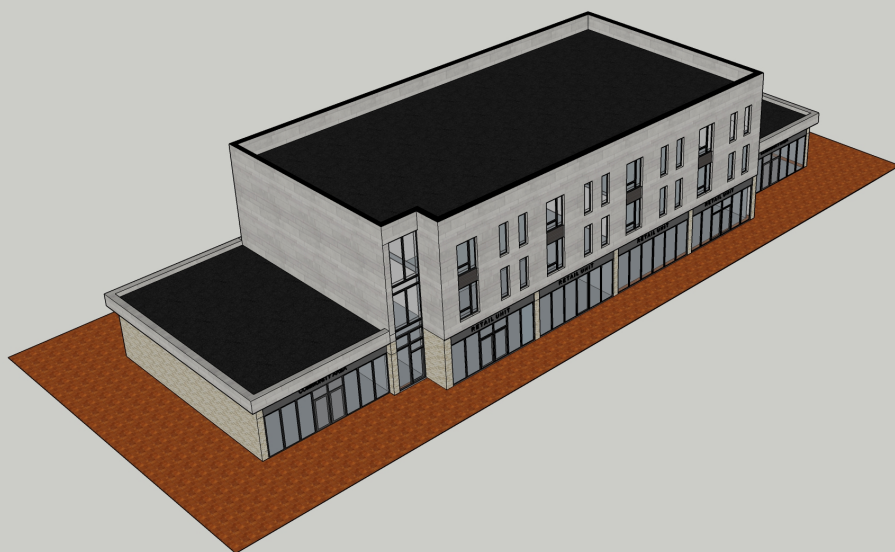
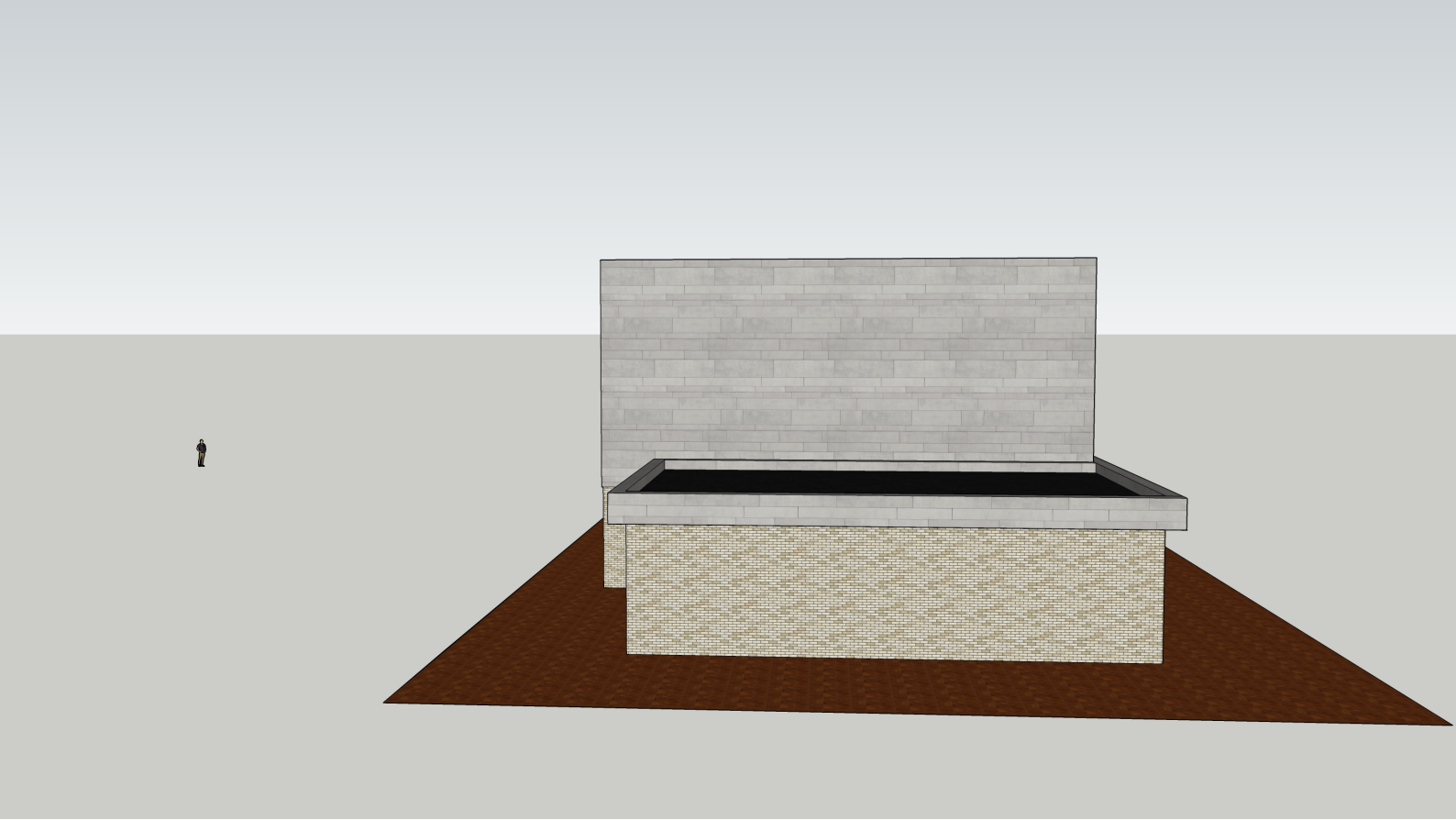
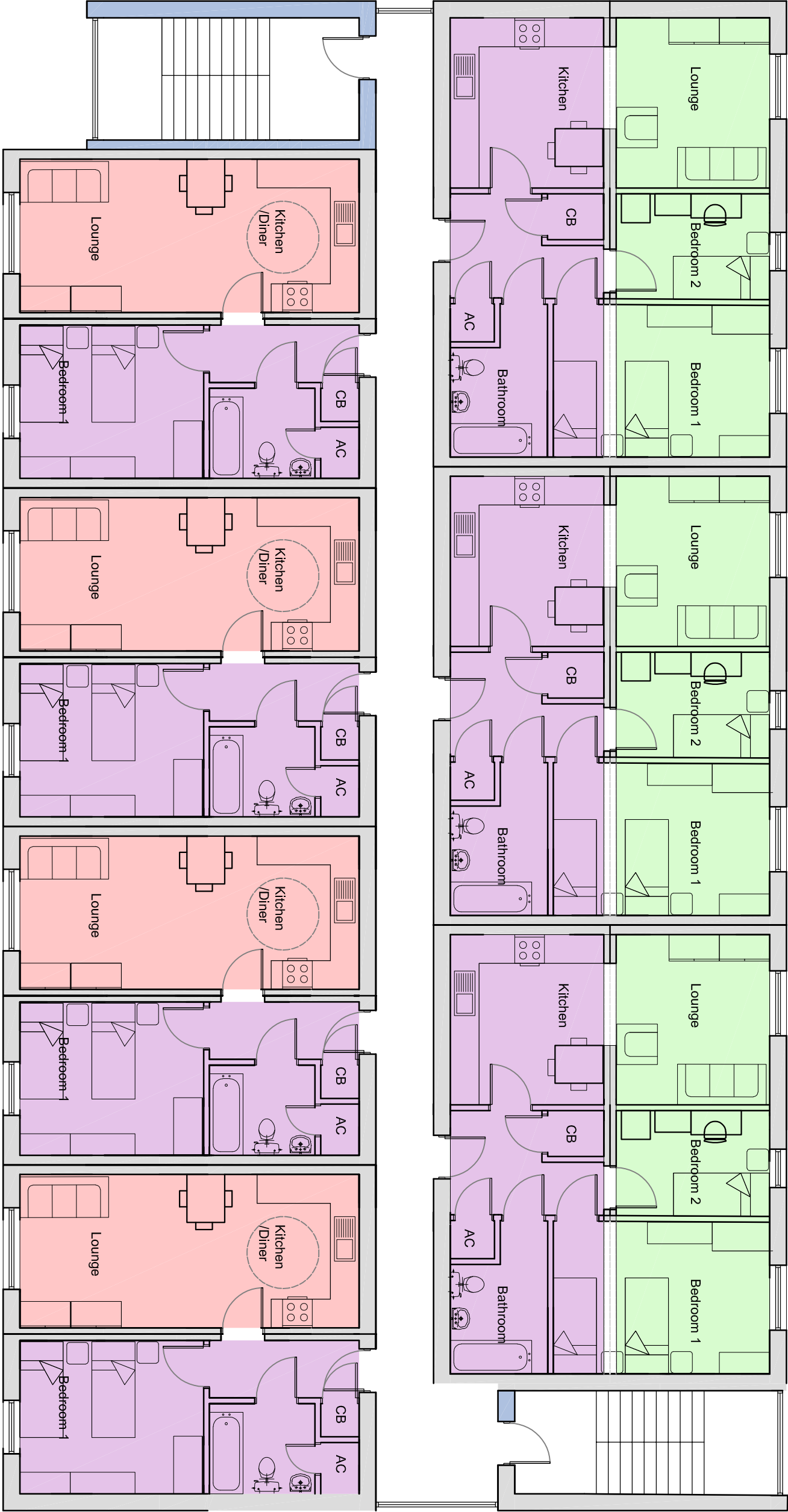






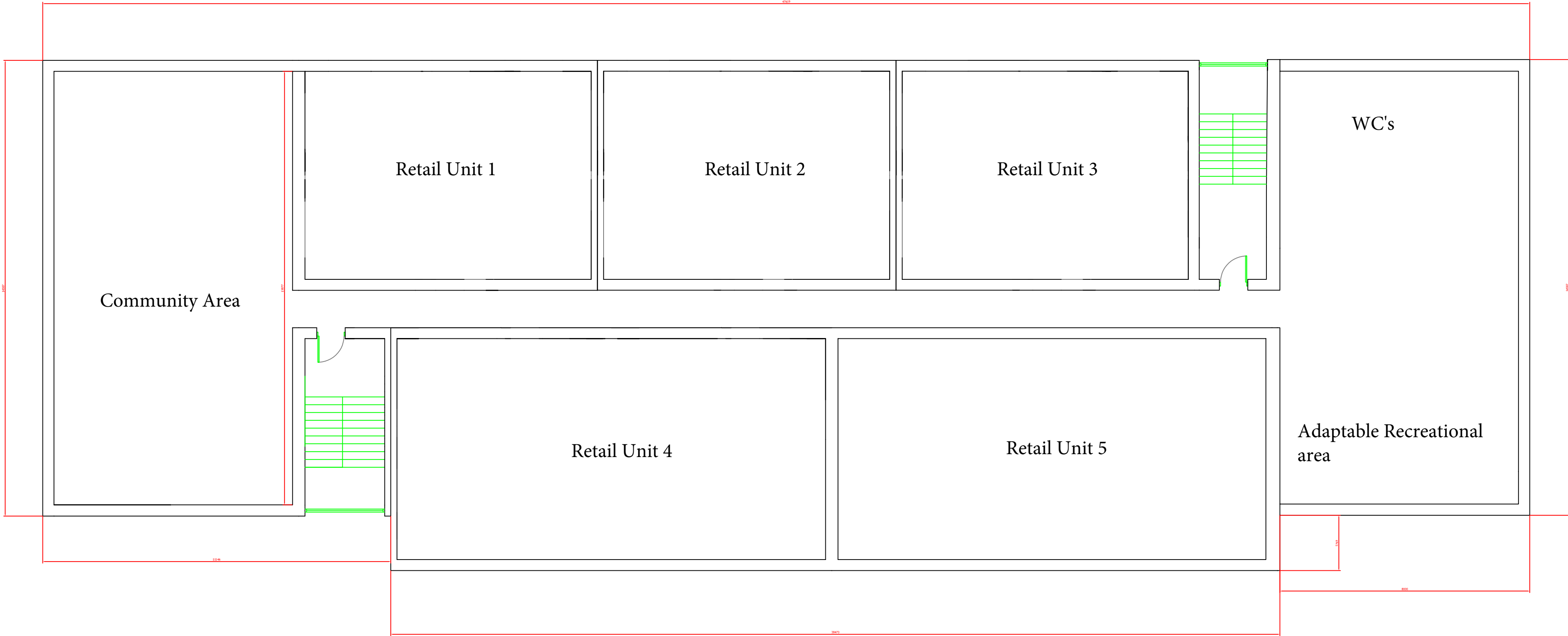






Construction ☒

Client			
Project			
Data Bell Construction Second Floor Plans			
Title			
Bedroom Modules			
Drawn By	Date	Job No	Rev
MJ	Jan 2021		
Scale	DO NOT SCALE		Drawing No
1:100 @ A3			01



Construction ☒

Rev	Description	Date
Client		
Project		
Data Bell Construction Ground Floor Plans		
Title		
Drawn By	Date	Job No
LT	26.04.21	
Scale	DO NOT SCALE	Drawing No
1:100 - A2		001



Construction ☒

Rev		Description	Date	
Client				
Project				
Data Bell Construction First Floor Plans				
Title				
Bedroom Modules				
Drawn By		Date	Job No	Rev
MJ		Jan 2021		
Scale		DO NOT SCALE		Drawing No
1:100 @ A3				01

U Value Calculation

Software: Stroma U-value Calculator - Version 0.92
 Date Printed: 06/11/2020 15:05
 Construction Type: Wall - IHP - Tai Tarian Wall Type 1 - Sheep wool
 Calculation Method: BS EN ISO 6946

Wall Construction

No	Description	Main Element			Bridging Element		
		Thickness	λ	R-value	λ	R-value	Fraction
-	Internal Surface Resistance	-	-	0.13	-	-	-
1	Knauf Wallboard (12.5 mm)	12.5	0.19	0.065789	-	-	-
2	Knauf Wallboard (12.5 mm)	12.5	0.19	0.065789	-	-	-
3	Unventilated Cavity - (Wall - Low Emissivity) (25 mm) Protect VC Foil Ultra	25	-	0.78	0.13	0.192	0.118
4	OSB3	9	0.13	0.069231	-	-	-
5	Thermafleece Cosywool SLABS	140	0.038	3.684211	0.13	1.077	0.15
6	OSB	9	0.13	0.069231	-	-	-
7	TF200 Thermo	1	-	0	-	-	-
8	Ventilated Cavity (50 mm)	50	-	0.77	0.13	0.385	0.0833
9	Hard wood dry	22	-	0	-	-	-
-	External Surface Resistance	-	-	0.04	-	-	-
		$\Sigma=281\text{mm}$		$\Sigma=5.674251$			

Resistances

Lower Limit	Upper Limit	Average
4.427	4.91	4.668 m ² K/W

Wall U-value Corrections

No Correction Values

Wall U-value

U-value	0.214
U-value rounded	0.21 W/m ² K



RETAIL UNIT

