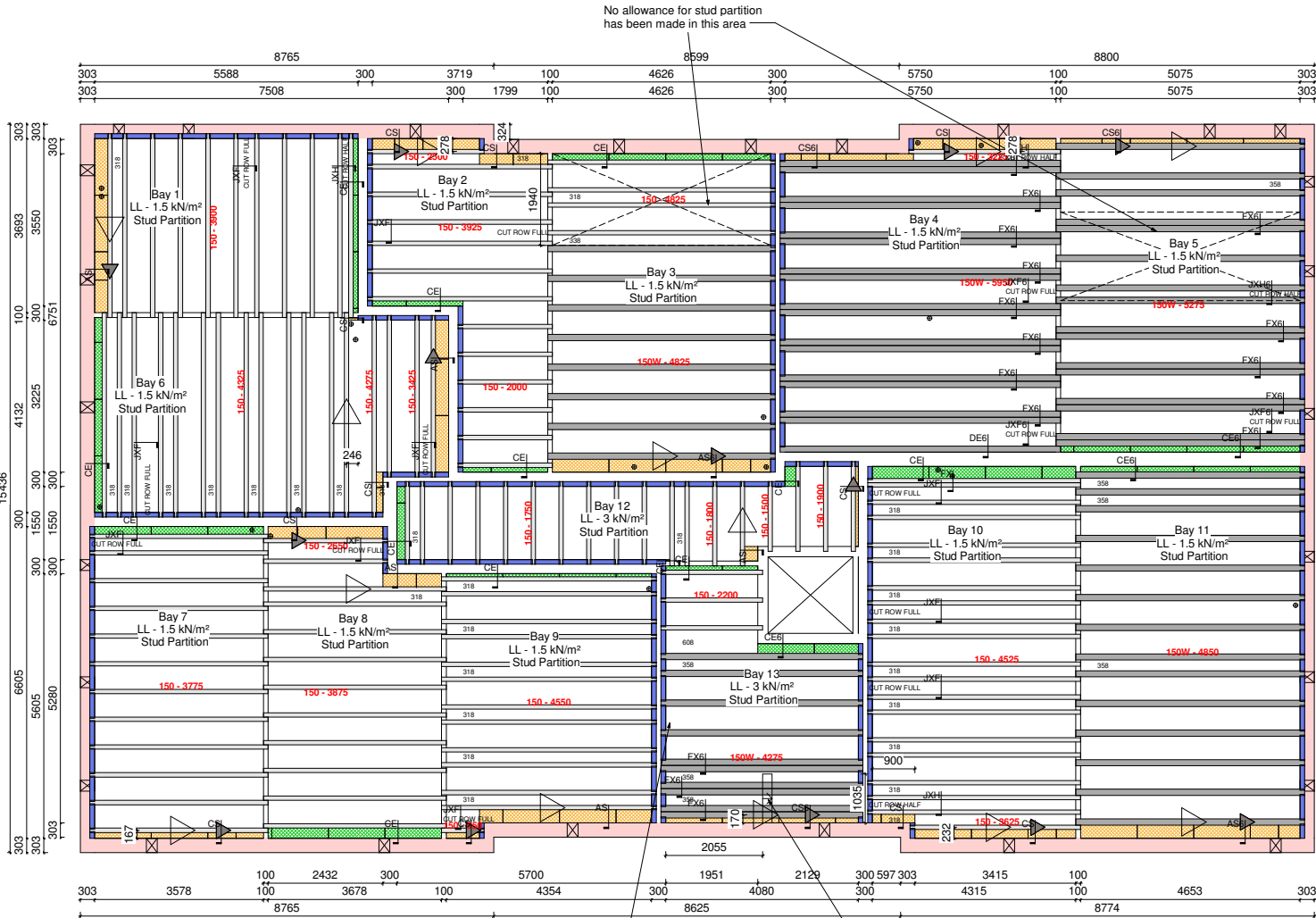




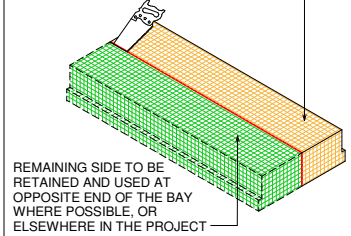
Installation Guide

Please Note: No allowances have been made on this design for additional loading out of infill blocks or other ancillaries. If this is required, you MUST contact Litecast for loading out advice PRIOR to doing so. Failure to do so may result in damage to structural integrity of the floor.



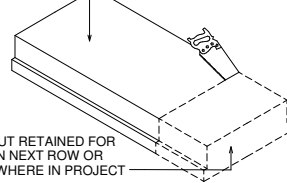
### CUTTING PANELS TO SIZE FOR USE IN FLOOR

**MUST BE CUT FROM FULL (540mm) PANEL**  
ONE SIDE TO BE USED AS STARTER  
PANEL. CUT EDGE SHOWN IN RED TO BE  
PLACED AGAINST WALL ON OPTIONAL  
EDGE SUPPORT CLIPS



CUTTING FOR START/END

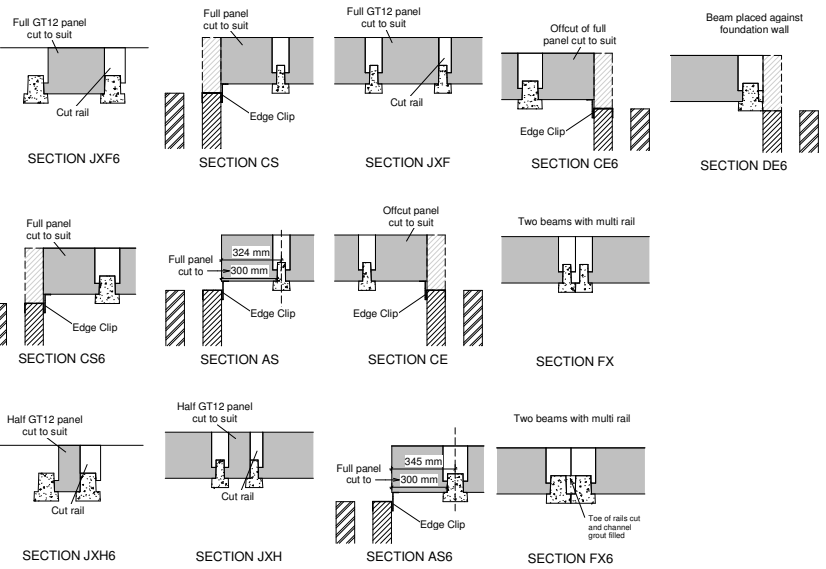
PANELS SHOULD BE CUT TO  
SUIT USING MEASUREMENTS  
TAKEN ON SITE.



OFFCUT RETAINED FOR  
USE IN NEXT ROW OR  
ELSEWHERE IN PROJECT

CUTS SHOULD NOT RESULT IN PANELS SMALLER  
THAN 300MM, AS THESE ARE NOT PERMITTED.  
EG. IF A 1000MM SECTION IS REQUIRED, IT SHOULD  
BE ACHIEVED BY CUTTING ONE PANEL TO 600MM  
AND ANOTHER TO 400MM. THIS AVOIDS CREATING  
AN UNUSABLE 200MM OFFCUT. EACH COMBINATION  
MUST ALWAYS INCLUDE ONE PANEL OF 600MM.

CUTTING TO SIZE FOR ROW



Ancillaries Schedule		
Product Code	Description	Count
ANC-GT12F	GT12 540mm Infill Panel	253
ANC-GT12H	GT12 270mm Infill Panel	164
ANC-GT12MR	GT12 Multi Beam Rail	9
ANC-GT12ZF	GT122 540mm Infill Panel	168
ANC-GT12ZH	GT122 270mm Infill Panel	35
ANC-GT12MR	Multi Beam - Use Standard Rail	70
ANC-ESCGT12	GT12 Edge Support Clip	191
ANC-PES	Poly Edge Strip	300
ANC-LCB	100mm Large Closure Block	139
ANC-SCB	100mm Small Closure Block	46
ANC-AB1	Air-Brick TERRA	28
ANC-UV	Telescopic U/Floor Vent	28

Joist Schedule			
Description	Joist Length	Bay Id	Count
150mm Floor Joist	3900	1	11
150mm Floor Joist	2000	2	6
150mm Floor Joist	2500	2	1
150mm Floor Joist	3925	2	6
150mm Floor Joist	4825	3	4
150mm Floor Joist (Wide)	4825	3	8
150mm Floor Joist	3225	4	1
150mm Floor Joist (Wide)	5950	4	17
150mm Floor Joist (Wide)	5275	5	16
150mm Floor Joist	3425	6	3
150mm Floor Joist	4275	6	1
150mm Floor Joist	4325	6	13
150mm Floor Joist	3775	7	12
150mm Floor Joist	2650	8	2
150mm Floor Joist	3875	8	10
150mm Floor Joist	950	9	1
150mm Floor Joist	4550	9	12
150mm Floor Joist	3625	10	1
150mm Floor Joist	4525	10	19
150mm Floor Joist (Wide)	4850	11	14
150mm Floor Joist	1500	12	1
150mm Floor Joist	1750	12	10
150mm Floor Joist	1800	12	4
150mm Floor Joist	1900	12	3
150mm Floor Joist	2200	13	3
150mm Floor Joist (Wide)	4275	13	10

Vent flow rates achieved	
6450	mm² Capacity
2200	mm²/m P (1500mm²/m MIN)
513	mm²/m² A (500mm²/m² MIN)

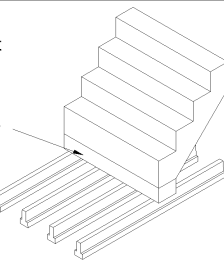
All partitions not supported off a footing below are assumed to be 0.5kN/m² Max. Non-load bearing studding. (Except where indicated on drawing)

No allowance made for water risers

PCC Stair 14kN/m MAX.

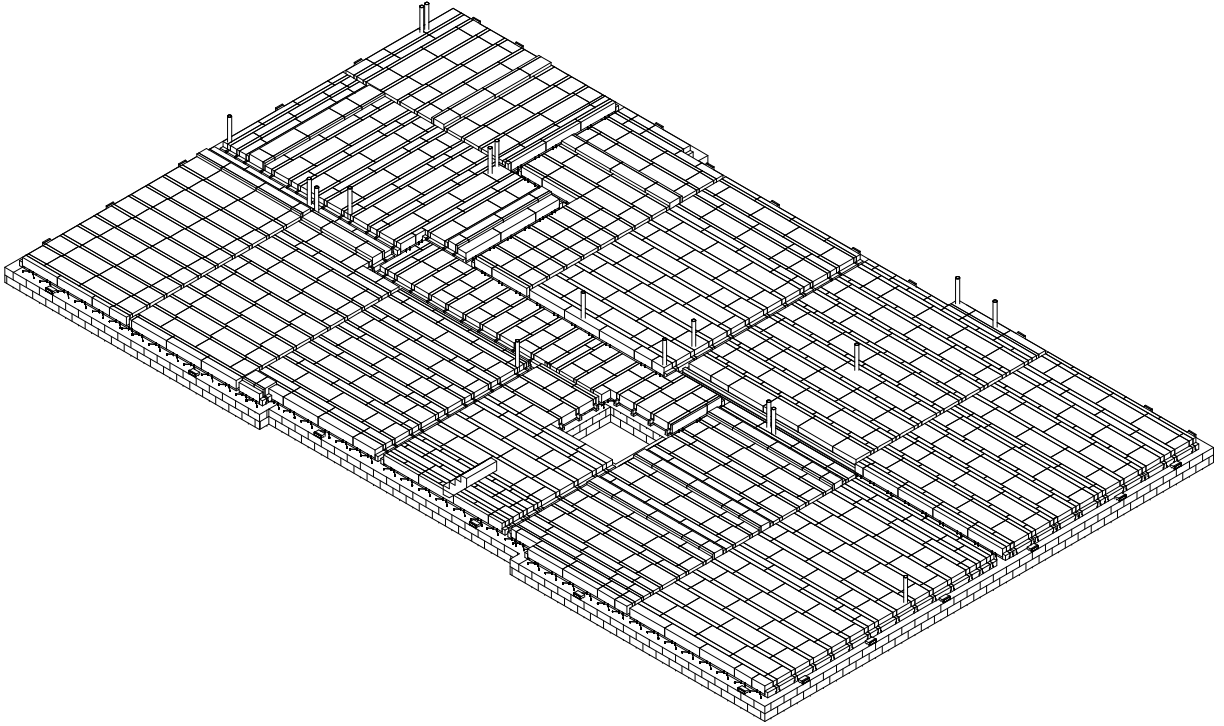
Please note :No extra allowance is made for grab rails in bathroom areas

The toe of the stairs must sit directly onto structural beams. Shims or a plinth should be used as required to ensure proper support, and EPS must be trimmed back to avoid contact, stairs must not bear directly on EPS.



### Drawing Legend

- Joist Start Layout Point
- Poly Start Layout Point
- 150mm Joist
- 150mm Wide Joist
- Service Hole Position
- Suggested Void Ventilator Position. Those with V graphic have Vertical Ext. Thru' vents by builder.
- Closure Block
- All closure blocks to be bedded. All internal bearing channels must be concrete filled before screed is applied. Shuttering may be required for GT12 and GT18.
- Starter Panel - Cut from FULL PANEL as indicated on design/section.
- End Panel - Cut from FULL PANEL or off cut of Starter Panel as indicated on design/section.
- 150mm Floor Joists at 588mm centres unless otherwise stated (Poly).
- 318 150mm Floor Joists with 270mm poly panel between (Poly).
- 150mm Wide Floor Joists at 628mm centres unless otherwise stated (Poly).
- 358 150mm Wide Floor Joists with 270mm poly panel between (Poly).
- 608 150mm and 150mm Wide Floor Joists with 540mm poly panel between (Poly).
- 338 150mm and 150mm Wide Floor Joists with 270mm poly panel between (Poly).



Closure Blocks are only included for around the perimeter, as is highlighted on our design. If you would like additional Closure Blocks for internal walls, please contact Litecast.

**PLEASE NOTE:**  
Sections should be used to determine panel type for cut rows and all edges are created using full (540mm) panels.

Section Details shown are auto generated and may not reflect situation on site.

PANELS ON THIS DESIGN ARE

GT12	Yellow Label
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THERMAL VALUES  
PERIMETER/AREA VALUE - 0.233  
TARGET U VALUE - 0.12 ACTUAL U VALUE - 0.10

b	Sleeper wall between Bays 7 & 8 moved. SVP added to Bays 6 & 3, unrequired eps removed.	MA	28/07/25
a	Screed load increased to 1.8 kN/m² and relayed to suit	MA	27/06/25
REV	DESCRIPTION	IN	DATE

TOTAL LENGTHS AND AREA		
150mm - Length	225mm - Length	Floor Area
781.825 m	0.000 m	346 m²

DESIGN CRITERIA  
FINISHES(Poly) - 1.8kN/m² 75mm steel fibre/mesh reinforced concrete screed  
LIVE LOAD (LL) - Refer To Bay Tag For Loads  
OTHER INFILLS - EPS Panel  
PARTITIONS - 0.5kN/m² Non Load Bearing Stud

HOUSE TYPE  
Apartment Block 2 (Plots 26-40)

SITE ADDRESS

Trumps Green Road  
Virginia Water  
GU25 4EU

DRAWN BY mareez@litecast.co.uk	DATE 25/03/2025
DRG NO. 245411-22-GW12	REV b