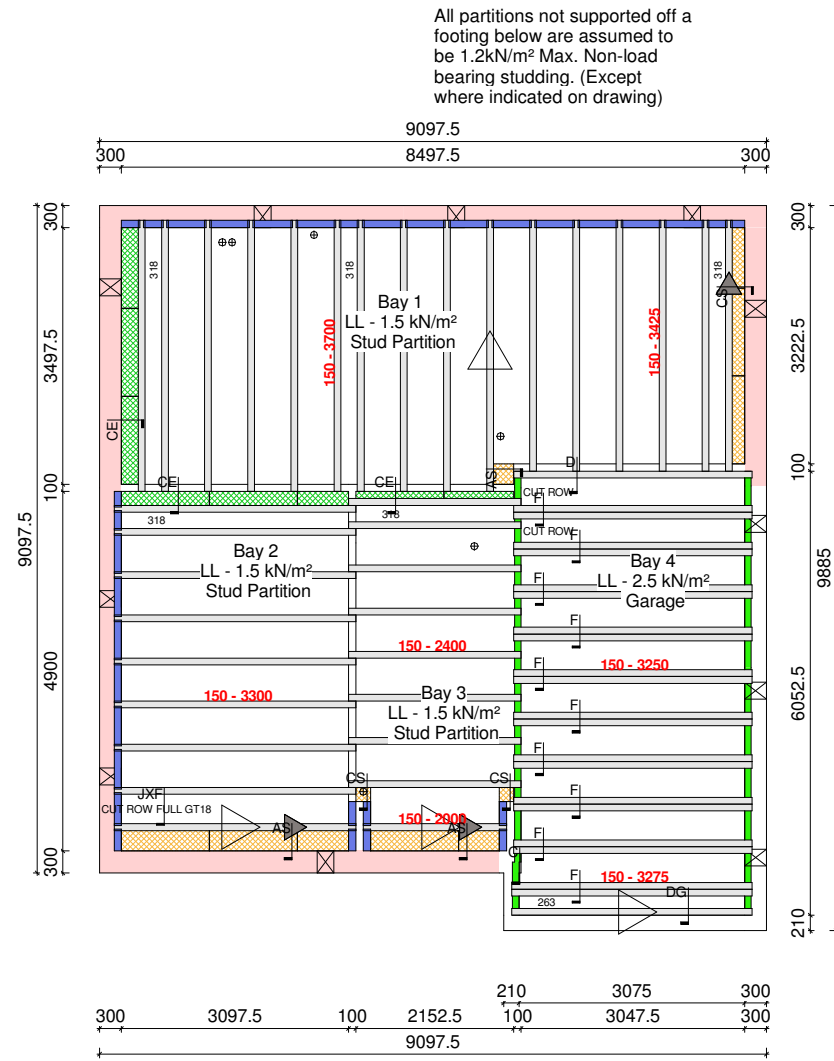




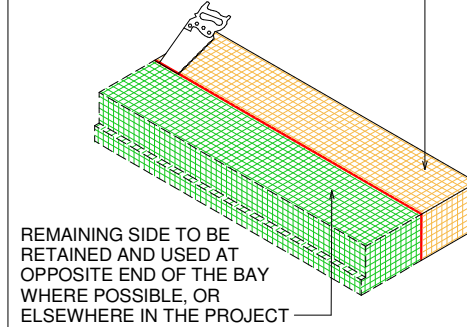
Please Note: No allowances have been made on this design for additional loading out of infill blocks or other ancillaries. If this is required, you MUST contact Litecast for loading out advice PRIOR to doing so. Failure to do so may result in damage to structural integrity of the floor.



All partitions not supported off a footing below are assumed to be 1.2kN/m² Max. Non-load bearing studding. (Except where indicated on drawing)

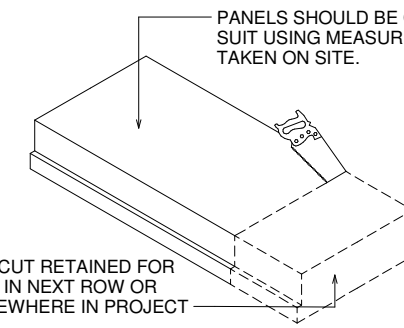
**CUTTING PANELS TO SIZE FOR USE IN FLOOR**

**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



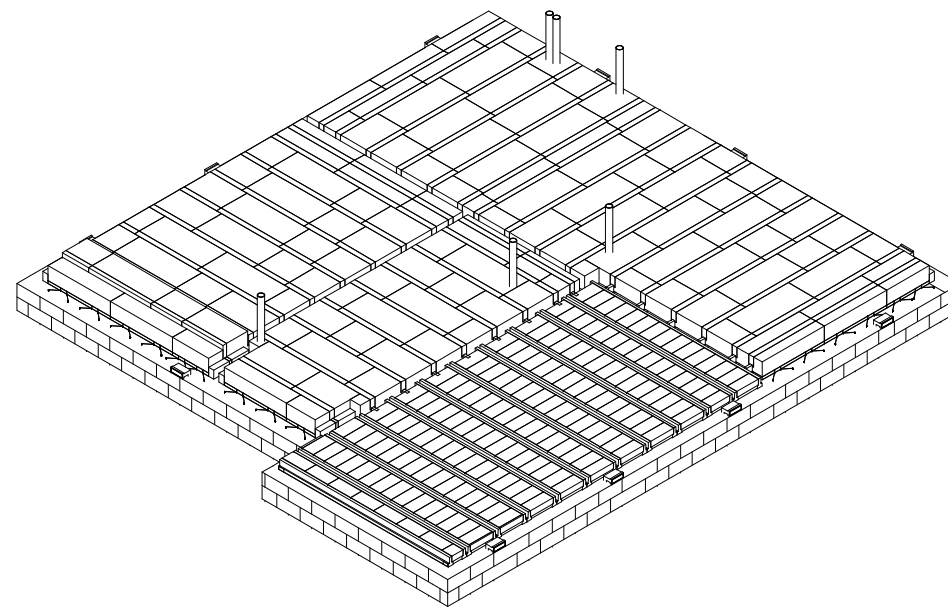
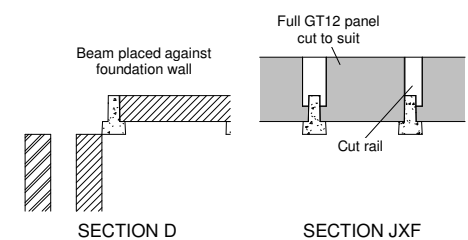
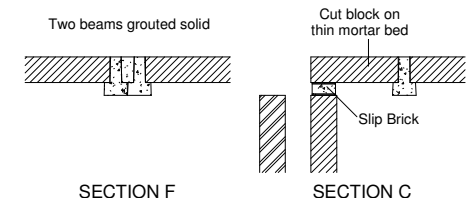
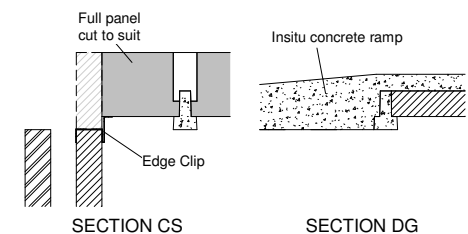
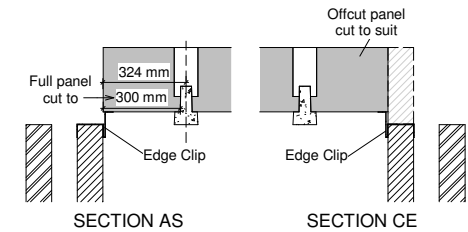
**CUTTING FOR START/END**

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



**CUTTING TO SIZE FOR ROW**

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.



**Drawing Legend**

- Joist Start Layout Point
- Poly Start Layout Point
- 150mm 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.
- Slip Brick Positions  
All slip bricks must be bedded
- 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.
- 263 150mm Floor Joists with 215mm block between (B&B).  
150mm Floor Joists at 588mm centres unless otherwise stated (Poly).
- 318 150mm Floor Joists with 270mm poly panel between (Poly).

Ancillaries Schedule		
Product Code	Description	Count
ANC-GT12F	GT12 540mm Infill Panel	74
ANC-GT12H	GT12 270mm Infill Panel	13
ANC-ESCGT12	GT12 Edge Support Clip	34
ANC-PES	Poly Edge Strip	60
ANC-LCB	100mm Large Closure Block	27
ANC-SCB	100mm Small Closure Block	4
ANC-SB40	172x90x40mm Slip Brick	45
ANC-AB1	Air-Brick TERRA	11
ANC-UV	Telescopic U/Floor Vent	11

Joist Schedule			
Description	Joist Length	Bay Id	Count
150mm Floor Joist	3425	1	6
150mm Floor Joist	3700	1	10
150mm Floor Joist	3300	2	9
150mm Floor Joist	2000	3	1
150mm Floor Joist	2400	3	8
150mm Floor Joist	3250	4	19
150mm Floor Joist	3275	4	3

Vent flow rates achieved	
6450	mm² Capacity
4324	mm²/m P (1500mm²/m MIN)
952	mm²/m² A (500mm²/m² MIN)

PANELS ON THIS DESIGN ARE

<b>GT12</b>	<b>Yellow Label</b>
-------------	---------------------

THERMAL VALUES  
PERIMETER/AREA VALUE - 0.293  
TARGET U VALUE - 0.15 ACTUAL U VALUE - 0.10

b	Additional vents added and repositioned as requested	DB	14/04/25
a	Design previously estimated, drawing produced to site specific plans	DB	31/03/25

REV	DESCRIPTION	INI	DATE

TOTAL LENGTHS AND AREA			
150mm - Length	225mm - Length	Floor Area	Infill Blocks
179.575 m	0.000 m	73 m²	154

DESIGN CRITERIA (WHERE APPLICABLE)  
FINISHES - 1.8kN/m² 75mm Steel Fibre/Mesh Reinforced Concrete Screed  
LIVE LOAD (LL) - Refer To Bay Tag For Loads  
OTHER INFILLS - EPS Panel  
PARTITIONS - 1.2kN/m² Non Load Bearing Stud  
PARTITIONS - 3kN/m Non Load Bearing Block  
GARAGE FINISHES - 1.8kN/m² 75mm Concrete And A142 Mesh  
GARAGE LOAD - 2.5kN/m² Imposed Load or 20kN Point Load  
GARAGE INFILL BLOCK DENSITY - 1950kg/m³ MAX

HOUSE TYPE **Cutler (Det)**

SITE ADDRESS  
**St Nicholas Park, Forster Park  
Off North Road  
Stevenage  
SG1 4DE**

	DRAWN BY	DATE
	david@jitecast.co.uk	02/10/2022
DRG NO.	REV	
241714-33-GT12	b	

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

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