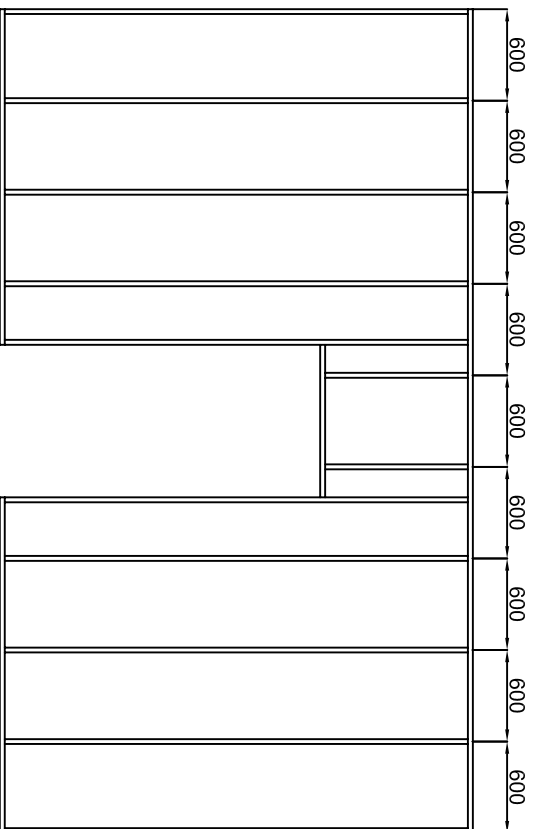


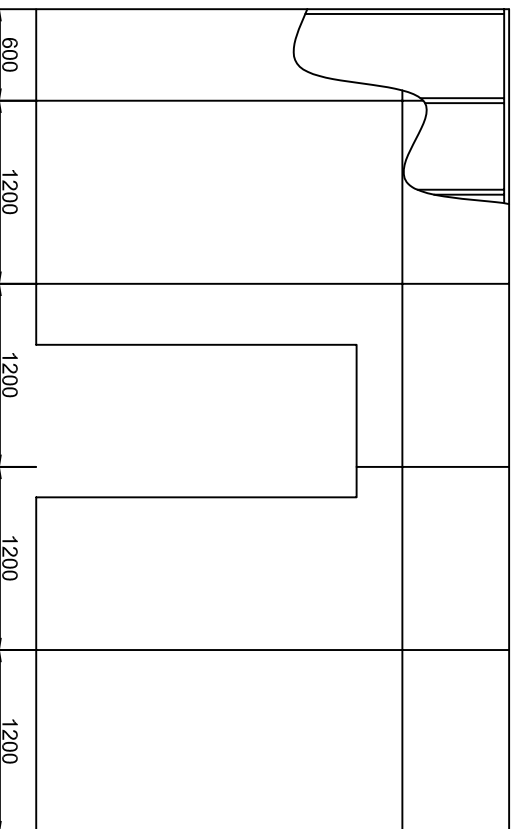
**CONSTRUCTION SEQUENCE FOR BOARDING DOUBLE LAYER PARTITION  
(GYPFRAE 48mm STUDS)**

STAGE 1 : ERECTION OF GYPFRAE STUDS LOCATED BETWEEN SUITABLE FLOOR AND CEILING CHANNEL.

NOTE : WHERE DOORWAYS AND OTHER OPENINGS ARE REQUIRED WITHIN A PARTITION WALL, STUD CENTRES MUST BE MAINTAINED ABOVE AND BELOW THESE OPENINGS. REFER TO ADDITIONAL DETAILS.

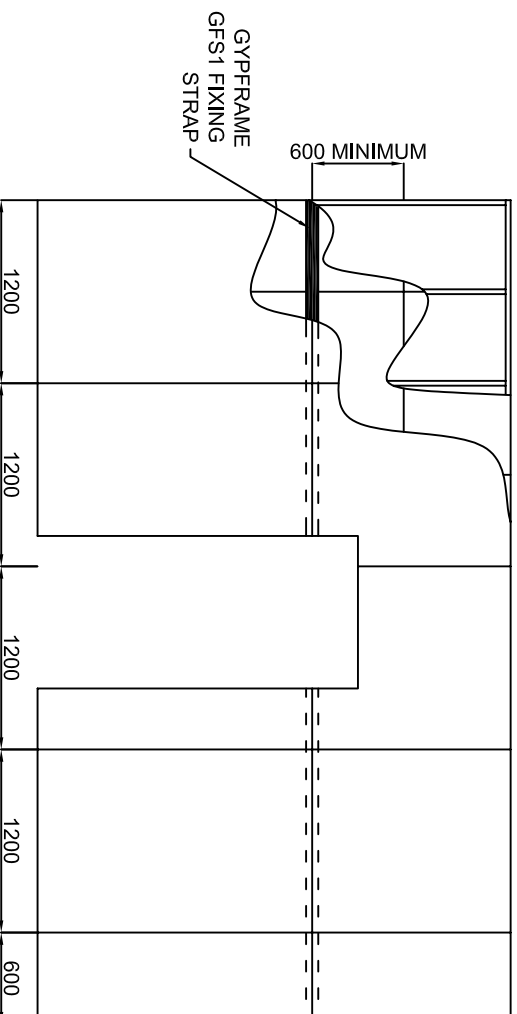


STAGE 2 : FIRST LAYER OF 12.5mm BOARDS LOCATED WITH BOARD EDGES ALONG STUDS CENTRES. PERIMETER FIXING ONLY REQUIRED.



STAGE 3 : SECOND LAYER OF 12.5mm BOARDS STAGGERED VERTICALLY BY A MINIMUM OF ONE STUD TO FIRST LAYER WITH BOARD EDGES RUNNING ALONG STUDS AND FULLY FIXED IN ACCORDANCE WITH GYPSUM INDUSTRIES CURRENT RECOMMENDATIONS.

NOTE : WHERE DOORWAYS AND OTHER OPENINGS ARE REQUIRED AVOID JOINTING THE BOARDS INLINE WITH CORNERS OF OPENING DETAIL.



**ADDITIONAL CONSTRUCTION NOTES**

- 1 - USING GYPFRAE 48SS50 STUDS AT 600mm CENTRES WITH 2 LAYERS OF GYPROC 12.5mm PLASTERBOARD EACH SIDE A MAXIMUM HEIGHT OF 3400mm CAN BE ACHIEVED. BASED ON A LIMITING DEFLECTION OF L/240 AT 200 Pa.
- 2 - WHERE THE HEIGHT OF THE PARTITION EXCEEDS THE LENGTH OF BOARD
  - i) FOR THE OUTER MOST LAYER GYPFRAE GFS1 FIXING STRAP MUST BE USED BEHIND HORIZONTAL JOINTS TO ACCEPT SUITABLE PERIMETER FIXINGS (REFER TO SEPERATE DETAILS).
  - ii) HORIZONTAL JOINTS MUST BE STAGGERED BY A MINIMUM OF 600mm (REFER TO SEPERATE DETAILS).
- 3 - VERTICAL JOINTS EITHER SIDE OF THE GYPFRAE PARTITION MUST BE STAGGERED BY A MINIMUM OF ONE STUD CENTRE
- 4 - ALL BOARDS MUST BE FIXED WITH THE APPROPRIATE SCREWS AT THE CORRECT CENTRES TO SUIT THE APPLICATION. REFER TO GYPSUM INDUSTRIES CURRENT LITERATURE AT [www.gypsum.ie](http://www.gypsum.ie) FOR FURTHER GUIDANCE.

Dwg. No: GI-GWS-48SS50-022-01

This drawing should be read in conjunction with current Gypsum Industries literature. Available at [www.gypsum.ie](http://www.gypsum.ie)