

# Small Layout Design presentation

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## What is an Inglenook layout?

A definition from Wikipedia: [https://en.wikipedia.org/wiki/Inglenook\\_Sidings#frb-inline](https://en.wikipedia.org/wiki/Inglenook_Sidings#frb-inline). In simple terms the following graphic will tell you everything you need to know. Briefly, it is the simplest of layouts, 2 points, 3 sidings and a headshunt; 8 pieces of rollingstock and a loco. The sidings are laid out as shown, with the trucks positioned as shown. The challenge is to assemble a train of 5 randomly selected trucks for departure, the selection can be made by dealing cards or using some sort of random computer programme.

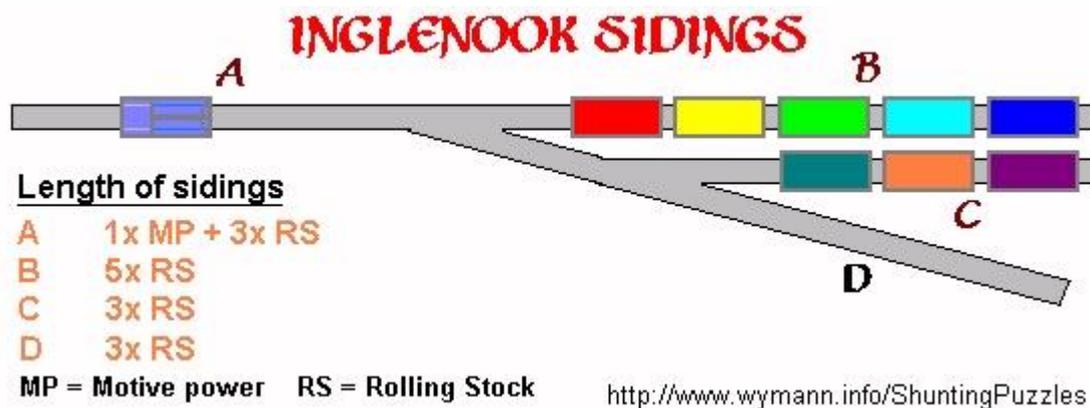


Figure 1- Inglenook Sidings (diagram courtesy of Adrian Wymann)



Fareham Club have a Club layout “In Build” which incorporates this idea, the layout is called Fareport Wharf and at the right hand end there is a fan of sidings designed for an exhibition visitor to try their hand at the Inglenook challenge whilst the rest of the layout operates around them.

The “Inglenook Sidings” are shown here in red, the control panel for this portion of the layout is just off to the right and the “guest operator” will be able to stand in the space just visible on the right of the picture. The other “regular” operators will stand at the rear of the layout (on the left as we look at this picture).

This layout is scheduled to be out on the exhibition circuit in mid to late 2018. Keep an eye out for it and ask for a go!

A useful reference site for Inglenook Sidings

<http://www.wymann.info/ShuntingPuzzles/Inglenook/inglenook-trackplan.html>

<http://www.wymann.info/ShuntingPuzzles/Inglenook/inglenook-rules.html>

<http://www.wymann.info/ShuntingPuzzles/Inglenook/inglenook-prototype.html>

<http://www.rmweb.co.uk/community/index.php?/topic/88508-inglenook-variations-and-diversions/>

Want to try Inglenook on your Android Phone or Tablet?

<https://play.google.com/store/apps/details?id=com.ex.inglenook>

## Inspiration

Adrian Wymann, author of the reference site for the Inglenook idea given above, has a plan to build a minimum space layout with a small terminus and an Inglenook Siding shunting area.

See <http://www.wymann.info/ShuntingPuzzles/Bazeley/LB-EMU.html> for details of the passenger area and <http://www.wymann.info/ShuntingPuzzles/LittleBazeley.html> for details of the goods yard area of the layout and also see diagrams at the end of this handout.

And now read ahead to the concept of a shelf layout discussed below.

## My Project – Meonstoke Siding

Based on the sidings at Farringdon and Misingford, there was a plan to put a similar siding at Pound Lane, Meonstoke to serve the Parishes of Meonstoke, Corhampton and Exton (Stone, R.A., The Meon Valley Railway. Kingfisher Railway Publications, ISBN 0 946184 04 6 Published April 1983, P44). This is effectively an Inglenook Siding layout although rather than only one exit there is a headshunt with connection across to the running line. The whole is a bit more spacious than a true Inglenook layout; I have done this to allow a more scenic approach to the layout. Note the similarity in the track layout to Fareport Wharf (above).

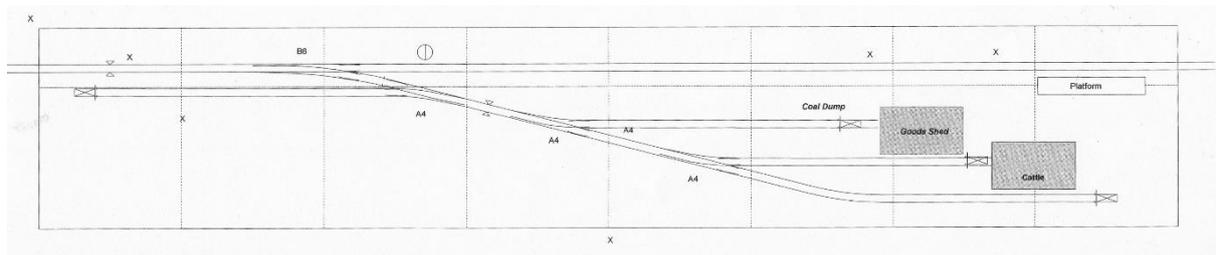


Figure 2- Meonstoke Siding, my Trax plan used for track building

This layout – at least as much of it as exists – is on display here today in the foyer. Dimensions 8' by 1' 5".

## Some other ideas – the shelf layout

At one time I was actively pursuing the idea of putting a layout round a room we euphemistically refer to in our house as "The Study" but which is in reality a box room with a large architect's desk desk across the wall with the window and foot wide furniture board shelving on the other three walls. The dimensions of this room are 12' x 7'.

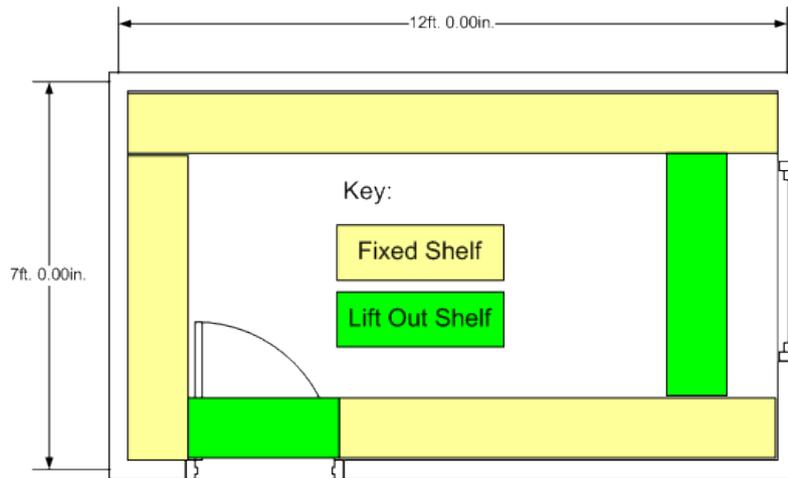
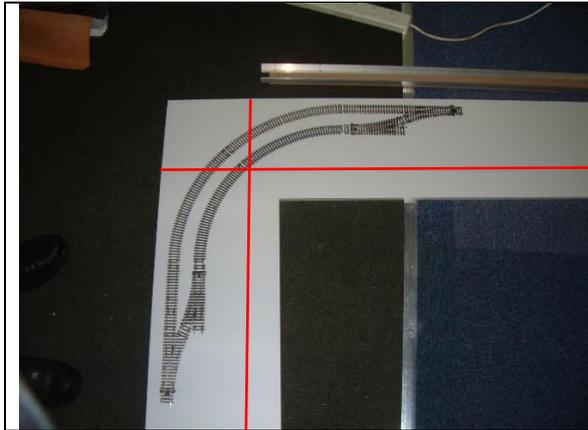


Figure 3 - My Proposed Study Shelf Layout

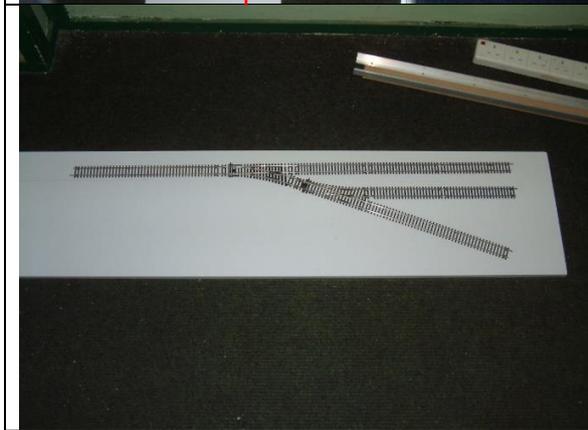
All shelves are 300mm (about 12") wide apart from the lift out section across the door which is only 260mm (10") wide (to get around architrave of door frames &c.)

The question is: what exactly can you achieve in a situation like this? Well, here are pictures of a couple of demonstration pieces.

	<p>Firstly, using ordinary Set Track it is possible to fit something resembling Meonstoke Siding onto the foot-wide shelf. The single running line is at the top of the board as we view it here, (we are viewing the layout from the back) but it could just as easily be turned round.</p>
	<p>Secondly, using second and third radius curves it is possible to "turn the corner", it's a bit tight but it does work. The running lines start at the centre and finish in the centre in the new direction, and just clip the front at the junction of the boards – as I said, it's a bit tight but it does work. Here the blue lines are centre lines, 6" in from the front on a 12" board</p>



If you really are strapped for space and can't accommodate a 12" wide shelf, well, how about a 9" wide one? The red lines mark out a 9" wide shelf, it is possible to put a twin track (second and third radius curve) around the corner on a 9" shelf. It's a bit tight, but it DOES fit. The down side is that the outer track starts and finishes almost at the back of the boards so if you wanted anything behind the outer track (such as a platform) you would have to swing the track in slightly to accommodate it.



Alternatively, you could just go for the standard Inglenook Siding on a 12" wide board! This would also fit if the bottom siding were to have a curve in it – a la Meonstoke Sidings.

What else you do is largely a matter of **YOUR** taste. A small wayside station on a single track branch with passing loop? It fits!

Now look back to Adrian Wymann's Little Bazeley project:

The passenger station:

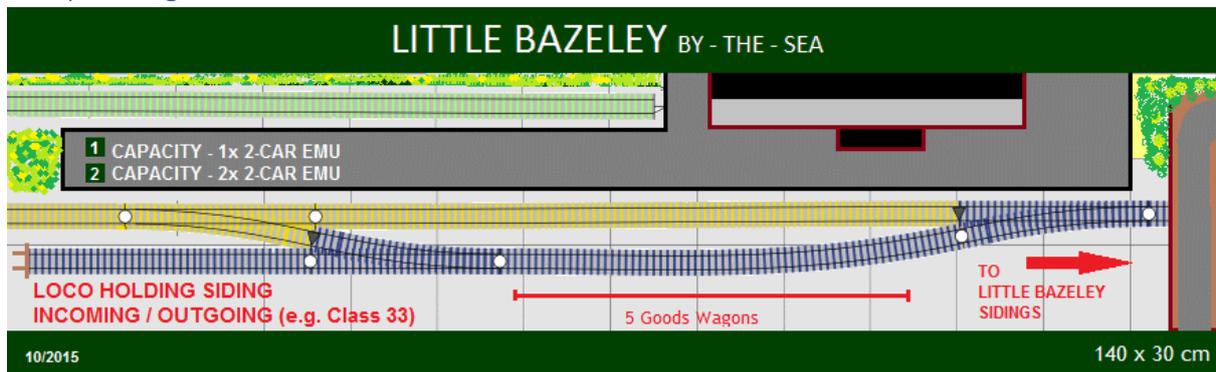
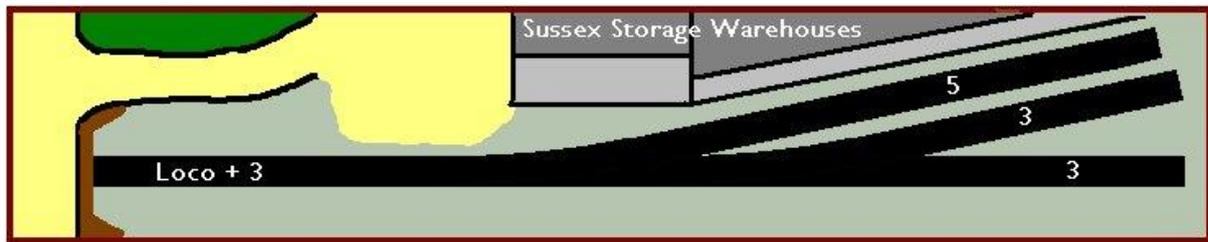


Figure 4 - Little Bazeley Passenger Facilities Courtesy Adrian Wymann

The goods yard:



*LITTLE BAZELEY SIDINGS - Shunting Puzzle Layout - 1' x 4' (30 x 120 cm)*

Figure 5 - Little Bazeley Goods Sidings Courtesy Adrian Wymann

Those boards are (metric) 12" shelves, go to Adrian's website and look, it does fit!