ABN 92 510 718 068

Web site:
http://www.spiritdesign.com.au

SD013 Victorian Railways 1914 Station

Thank you for purchasing this kit and I hope you get many hours of enjoyment from it. Chris Pearce (Spirit Design)

Stratford is a typical 1914 VR station that's has survived with a few changes - 28/12/2007. Photo Chris Pearce.

Basic history notes: Before the First World War the Victorian Railways experienced considerable growth throughout its domain. With the increase in traffic, better facilities were required to serve the growing regions. A standard design was needed and the 1914 version was derived from earlier versions model was to prove to be a popular building with 99 examples with slight modifications being erected over the entire VR system.

Construction was generally timber but there are others of this design erected in brick. Stations constructed to this standard design can be grouped into representative groups including Sea Lake, Gisborne, Mirboo, North Nyora etc. All feature the same design but the plan of where the waiting rooms are can be on opposite sides of the station. Some stations were a mirror image of the basic 1914 plan, i.e. the booking hall was the opposite of the Stratford photo above. Out of the weather protection for passengers was a large canopy supported by wrought iron curved trusses, which are an iconic feature of these stations. In addition to the main station, it could also include men's and women's toilets, a lamp room, store yard and occasionally vans goods, but these are not the subject of this kit but may be provided in a future edition. Roofing materials were generally corrugated iron with examples also of different roof tile patterns and profiles being substituted, shingles, terracotta tiles and corrugated asbestos roofing were also found on some examples.

Each station also had some form of embellishments in the form of ornate wood latticework, gable ends, cement render gables and other small features depending on the location and contractor building the unit. Over the years, these have disappeared for ease of maintenance and some have lost their entrance porticos as well. Today many examples still exist as Railway Stations for V/Line or as secondary use by communities in the local area.

Other stations with this basic arrangement: Bolga, Tallangatta, Elaine, Macedon, Penshurst, Riddle, Dookie, Hopetoun, Heyfield, Woomerlang, Mortlake, Yarra Glen, Lindenow, Ultima.

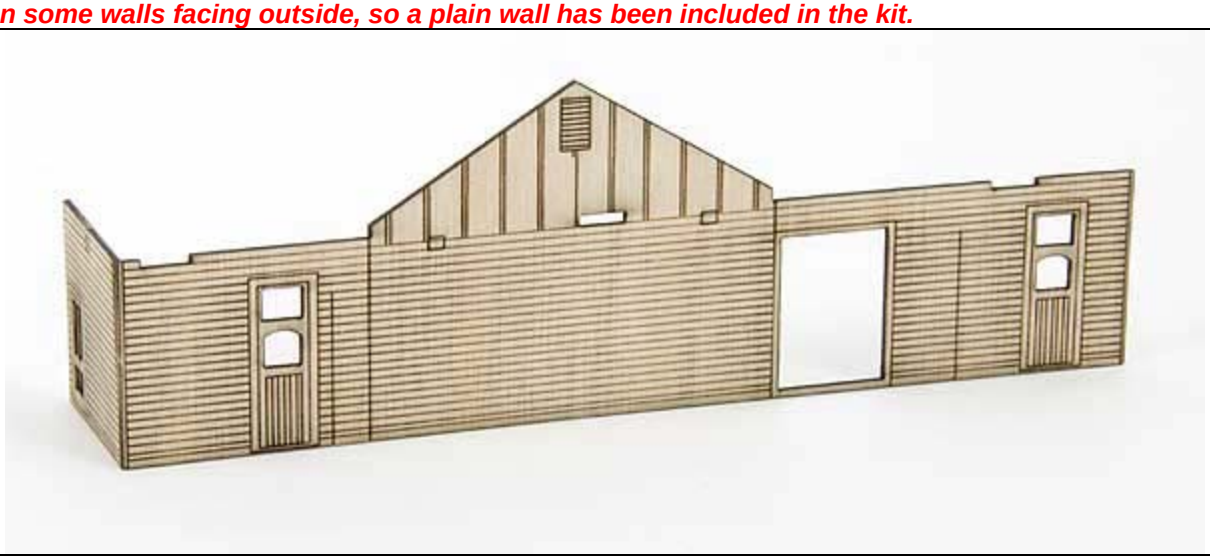
Equipment & Materials: Exacto knife (blade no 16 or similar), 800-grit aluminium oxide sandpaper, small flat needle file. Fast-drying 'Yellow' wood glue (PVA) or similar MDF wood glues. BluTak, toothpicks for applying glue, weights to hold components, small engineers square or some form of squaring the building parts and tweezers.

Painting general: The kit should be ***lightly coated*** with a primer and then given a coat of the desired paint scheme matching your era using the table listed elsewhere as guidance. Do not paint the roof until the model is assembled otherwise the corrugations will cause it to bow unless you supply additional support in the rear.

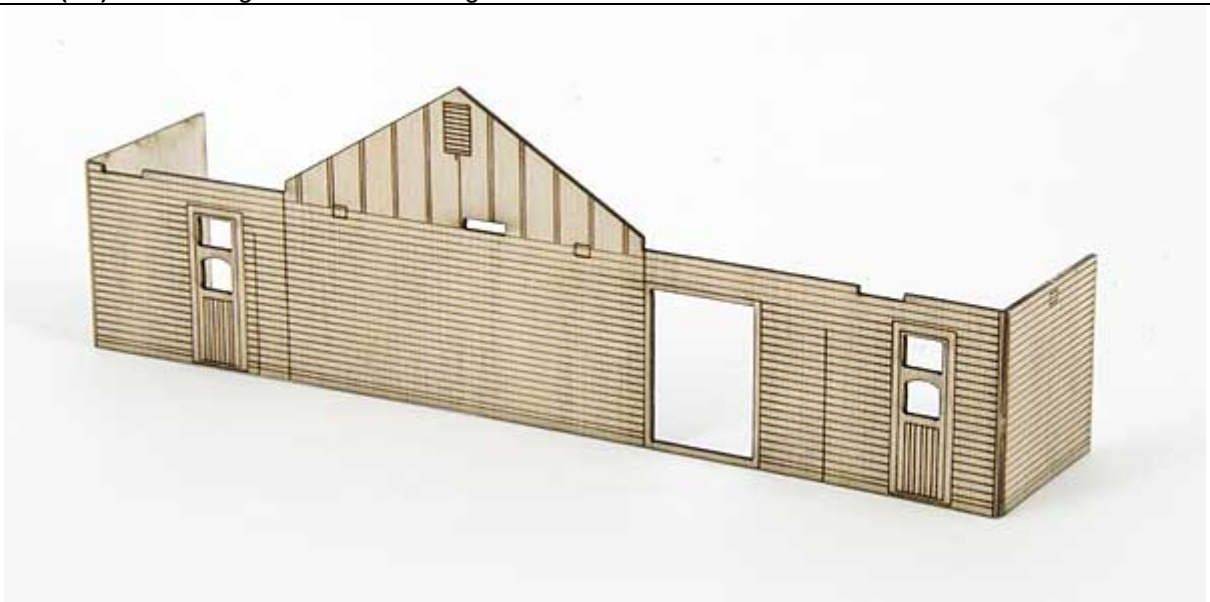
Weathering: Use pastels or paint to weather the station to your taste. Use the photos as a reference.

Assembly Instructions: There are a few steps that require close attention and they are highlighted in ***bold and italics!*** Parts referred to in the text are marked **(P1), (P2)** etc. ***Refer to the photos, which illustrate well the correct positioning of all parts.*** As there are several ways to build this kit I will leave it up to the builder to decide after fully

reading the instructions a few times. In addition, I will leave it up to the builder to decide whether to paint the flat etch first before assembly or when finished, the option is the builder's, however for ease of clarity of these instructions the building wasn't painted for the photos enclosed. ***Special Note: as there are a few extra components please see your photo collection of your favourite station and substitute the correct wall item as not all stations had doors on some walls facing outside, so a plain wall has been included in the kit.***

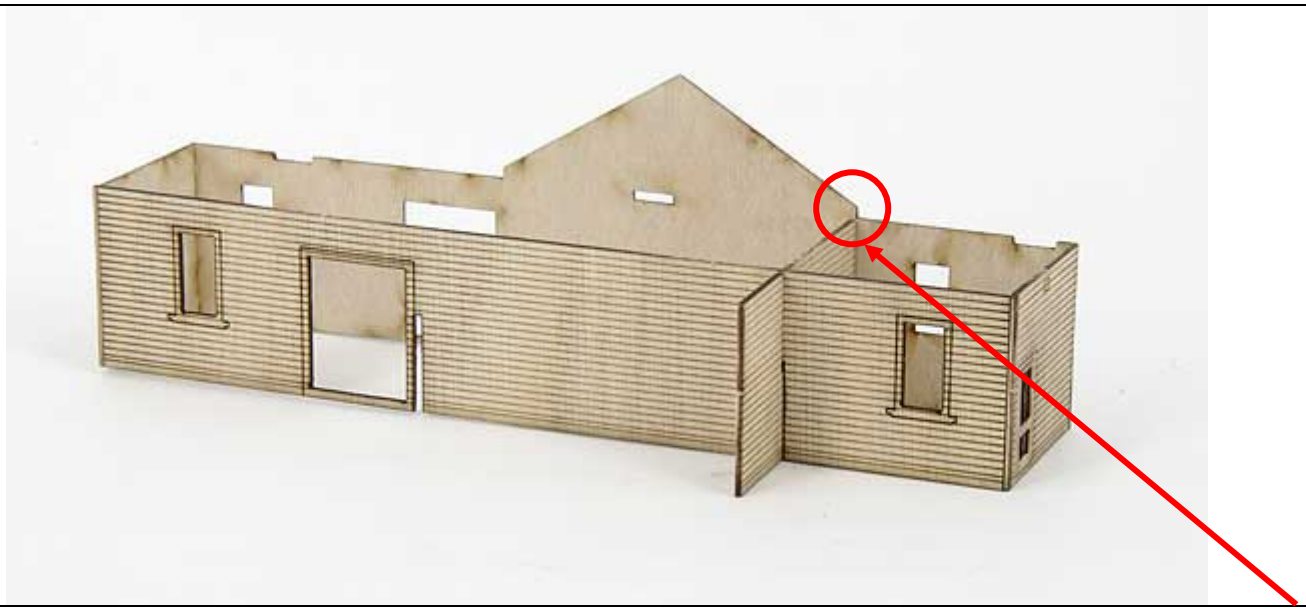


1) Join the end wall **(P1)** with the small door or plain wall next to the aforementioned piece in the etch to the front station piece **(P2)**. The wall goes behind the edge of the main wall.

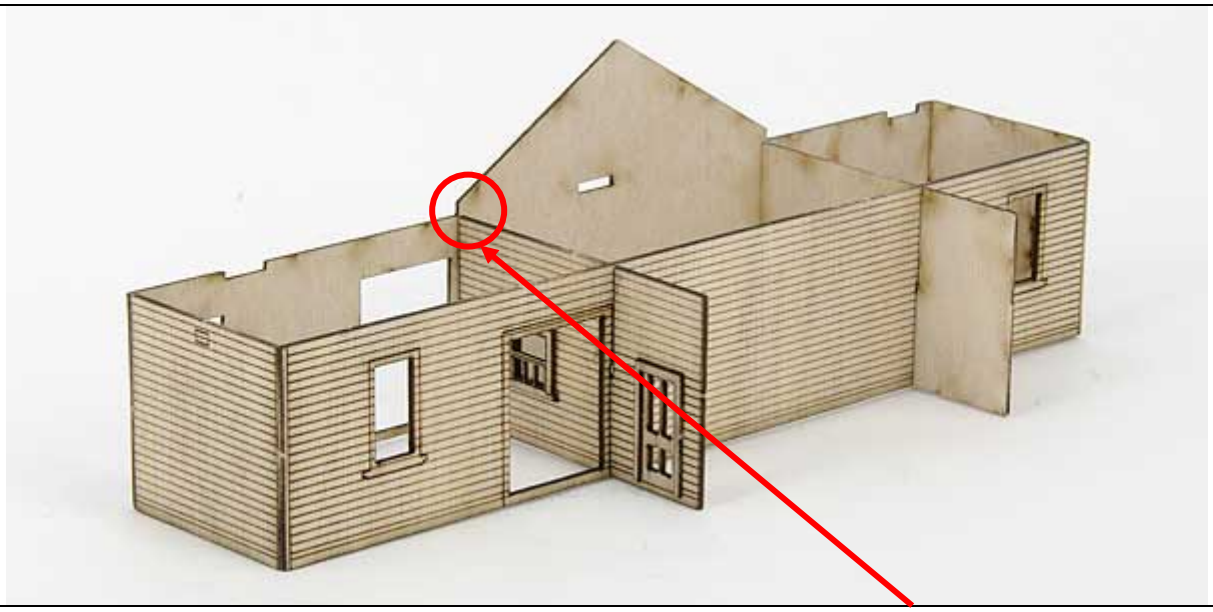


2) Glue the other end wall **(P3)** with the vent onto the main station wall front again placing the edge of the wall behind the main wall. Use your reference photos for the end wall details if needed.

3) Glue the back wall **(P4)** to the other walls making sure all sides are square and in alignment.



4) Glue the plain scribed wall with the slot **(P5)** as above making sure the weatherboards face to the LHS end of the station when viewed front the front. Note the wall edge when glued should correspond with the gable end wall of the station front. The back view is shown here.



5) Glue the ticket window wall **(P6)** (2 choices of style) and doorframe to the wall with the slot in it. 6) Glue this wall into the slot making sure the wall is in line with the station gable-front face.

6) Glue the inner small plain wall **(P7)** onto the opposite side of the ticket window. The scribed lines face the corridor and the larger gap between 2 boards is the bottom board and should be placed on the base of the structure.

7) Glue the other main gable end **(P8)** to the main assembly paying attention to the squareness of your assembly.

8) Glue the inner roof **(P9)** making sure the station front is square onto the roofline and that there is an overhang on the other sides. The large notched area on the roof should be flush with the gable front piece.

9) Glue 0.4mm plywood **(P10)** window frames, ticket window, doorframes and vents onto the station.

10) Back view showing where other 0.4mm plywood parts are glued.

11) Place a bit of magic tape over the 2 halves of the roof **(P11)** separated from each other by about 1mm. Glue the 2 roofs onto the peak of the station making sure that the apexes are in line with the roof. As in the picture use BluTak to aid in holding the roof in place whilst the glue dries. Note that the slots should sit centrally over the scribed line of the inner roof glued in the previous step and the ridge capping is at the apex of the roofline. There is a small section around the roof, which acts as a gutter. Make sure this is even on both sides, approximately 2mm.

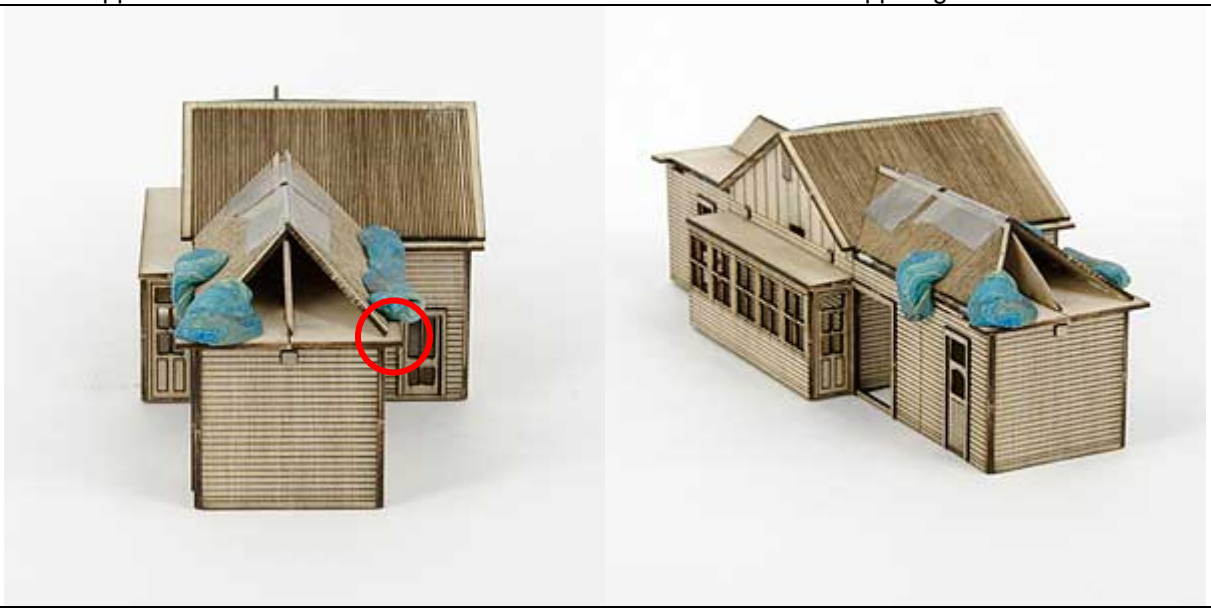
12) Glue a signal box door **(P12)** to the rear side of the window framing **(P13)** as in the picture above.

13) Repeat the same procedure for the other side's door **(P12)**.

14) Glue this sub-assembly to the station front making sure that the RHS door butts up against the doorframe of the booking hall entrance and the other side is in line with the scribed line of the gable section.

15) Glue the signal box roof **(P14)** to the signal box making sure that the small notch is on the RHS and touches the booking hall entranceway doorframe.

16) Glue the 2-hipped roof supports **(P15 & P16)** with the tabs into the holes provided in the inner roof. Also, make sure that the supports follow the line scribed on the inner roof. The short roof support goes to the LHS of the station.



17) Again using the method of BluTak and tape glue the larger roof halves to the station **(P17 & P18)**. Note: The roof half with the notch **(P17)** faces the station front and the notched section must be in line with this. Bend and push the roof until you achieve this and then secure with BluTak. The other side is squeezed up until there is a small section acting as a gutter for the roof. The left-hand photo shows you this. It should be about the same overhang as the main station gable roof sections. Now repeat the same procedure for the other roof halves **(P19 notched & P20)**.

18) This is a tricky section and will take time when assembling. Fit the triangular roof bits **(P21)** into the ends of the station WITHOUT gluing. The piece should sit flat and in line with the rest of the roof. If necessary trim, file or sand the underside of the roof piece so that it sits within the opening and flat. You may have to carefully trim the hipped roof support to allow the triangular roof section to sit flat. Once a successful fitting has been achieved, glue the roof into place and complete the opposite end the same way. Your roof should look like the photo above and below.

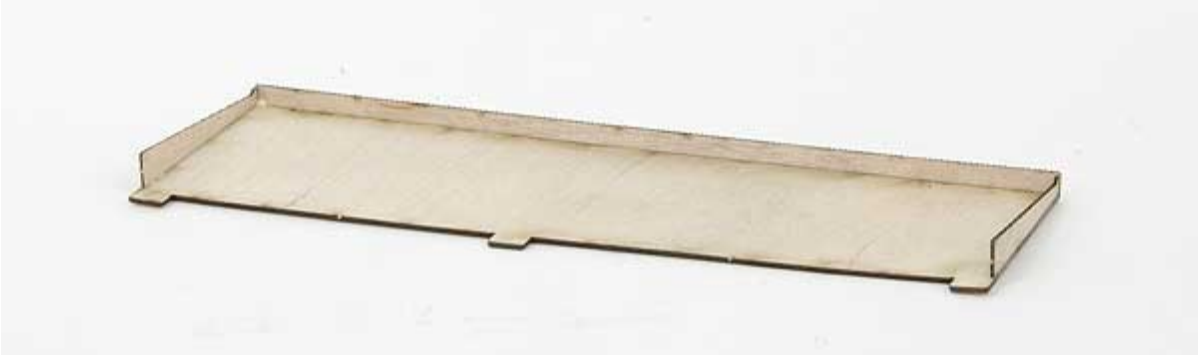
19) Fit bargeboards to the gable ends **(P22)**. ***The front side of the station gable board has to be trimmed 0.5mm at the bottom edge so that the canopy can slide easily into place. I.E they are trimmed horizontally in the same plane as the canopy.***

20) Glue the two porch support posts together with the support missing a sidepiece **(P24)** being glued to the LHS back part of the entranceway support **(P23)**. Glue this assembly to the station using the doorframe as a guide for the LHS side of the porch structure.

Alexandra station as it is persevered. Photo courtesy of Scott Gould.

21) Glue the two porch roof halves **(P25)** to the porch making sure that the apex is inline and butted up to each other. The roof with the large section missing is the RHS porch roof, which wraps around the station building. ***Note if you glue the LHS roof in line with the apex it will make fitting the RHS easier.***

22) Glue the two canopy supports **(P26)** to the main station assembly using the two scribed lines as a guide approximately 22mm from LHS and 22mm from the RHS of the station front. ***Red circles above***. The bottom of the bargeboard was trimmed back 0.5mm horizontally as mentioned in step (20). If you have put the wrong item in this position, gently trim 0.5mm vertically from the bottom edges horizontally in line with the canopy. Two extra canopy supports are included in case you break one at this point.



23) Glue the curtain board **(P27)** to the outside edge of the main roof section **(P28)**. Use weights or BluTak to keep the unit flat and the curtain board at 90 degrees until dried. Glue the LH and RH side canopy sections **(P29)** to the canopy roof so that the sides are inside and on top of the assembly. Use the two photos as a reference.

24) Completed canopy section.

25) Trail fit before Gluing the completed canopy section. You may have to trim the bargeboard ends to slide them into the notches provided. There are two extra canopy supports in case you break the current ones trying to fit the canopy. Once satisfied with the fitting you may glue the unit in place.

26) Using the supplied styrene rodding, trim it to fit the roofline so that it forms the ridge capping. Remove the bracing at the bottom between the entranceway as these are to only aid the assembly and can now be removed. See steps 15 and 16, which show this bar. Steps 28 and 30 show the bar removed.

27) There are two chimneys, which are built using the two halves of 2mm ply **(P30)**. Then glue the top caps **(P31)** upon the completed units. The smaller top cap fits the smaller chimney. Once dry glue the chimney stacks (rodding provided) into the holes provided allowing the stacks to protrude about 4-5mm maximum. The smaller chimney sits in the apex of the longer roof section and is in line with the wall opposite the ticket window wall. The larger is glued so that its edge touches the ridge capping and is approx 7mm in from the bottom edge of the roof. The RHS of the chimney will be 10mm left of the triangular apex of the hipped roof section. See the photo below.

28) Three sets of gates **(P32)** (0.4mm plywood) are provided but only 2 are needed. Glue a left and a right gate back to back with each other. The backside has diagonal lines opposite the front. These are best glued in place when desired by the modeller either upon completing the model or after it has been set into the scenery.

29) ***Glazing after painting:*** Use the clear sheet provided for your glazing needs and paint your model based on the schemes listed below or from your reference photos.

30) The model after painting and weathering before being put into the layout where the gates will be added.

Elaine station is the mirror image of Strafford. Note the additional fretwork around the main station gable and the larger windows on the small sides. Photo courtesy of Dave Phillips of http://www.stationspast.net/

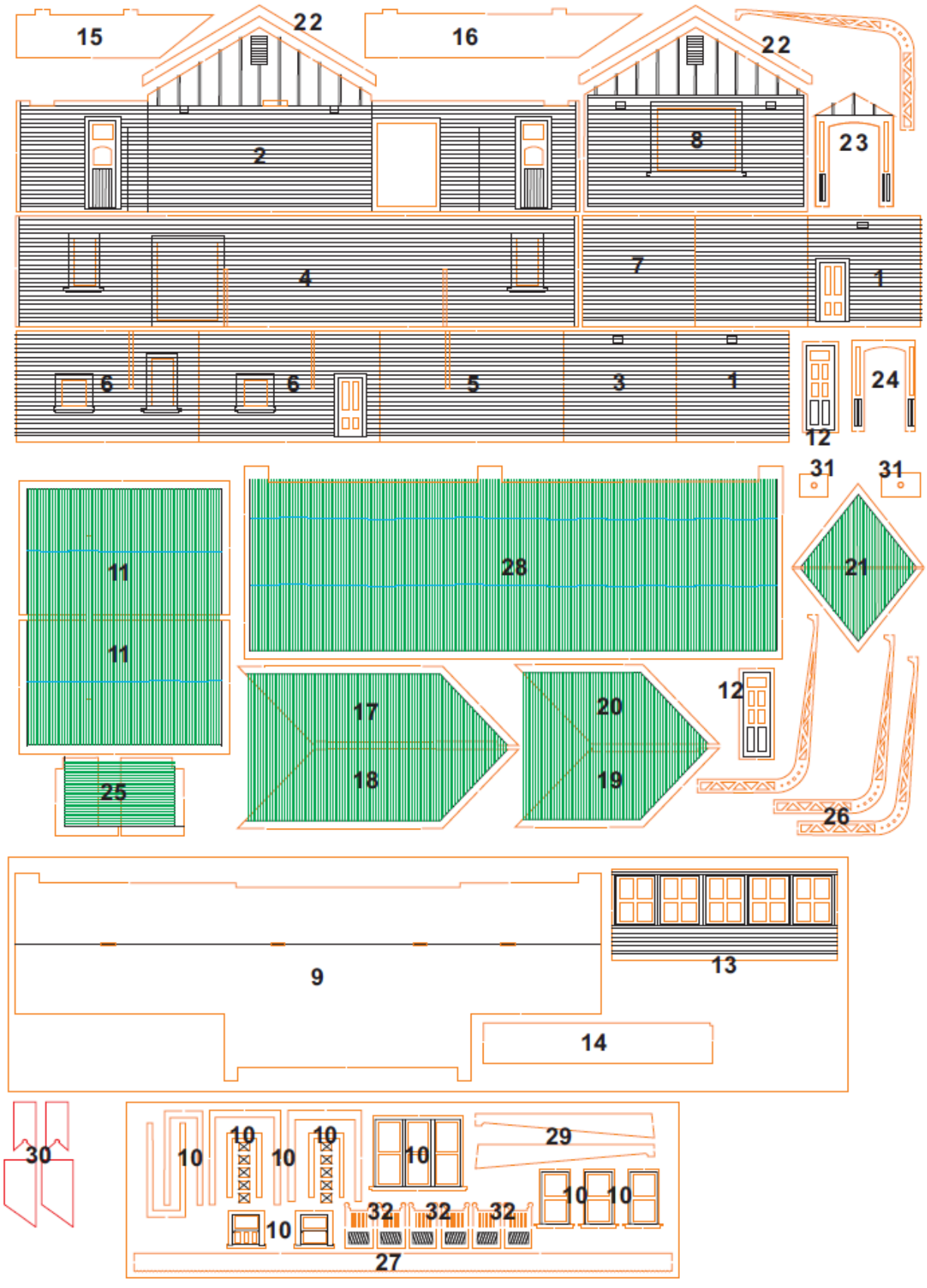
Stratford trackside as it is, in modern-day livery and with modifications. 28/12/2007 – photo by Chris Pearce

Suggested paint schemes: But please use your photos of the station you are modelling as a guide.

Pre 1960	
Wall plinths, angle stops, architraves, barges, gutters, door framing, veranda posts	Dark Brown – Floquil RR70 Roof Brown - Humbrol approx colours M29 or M186
Weatherboards, window sashes, facias door panels	Light Stone – Floquil RR 87 Depot Buff - Humbrol G7* (Matt coat afterwards)
Post-1960 Style 1	
Architrave, sashes	White
Walls, fascias, barges, gutters, veranda posts	Suntan – Floquil 23 Flesh - Humbrol M61 + white
Doors	Grey/Green – Floquil RR 41 Light Green & Floquil RR 9 Primer – Humbrol M90*
Post-1960 Style 2	
Architraves, veranda posts, corner posts	Grey/Green – Floquil RR 41 Light Green & Floquil RR 9 Primer– Humbrol M90*
Walls	Cream – Floquil RR Antique White Humbrol G41 (Matt coat afterwards)
Walls version 2	Mocha - Humbrol M119 (60%) + White (40%)** alternative M121 Pale Stone
Fascias, barges, sashes	White
Doors and Roof	Terracotta Revell M85 or Humbrol M100 or approx M73
Post-1960 Style 3	
Architraves, fascias, sashes, veranda posts	White`
Walls	Grey/Green – Floquil RR 41 Light Green & Floquil RR 9 Primer– Humbrol M90*
Doors and Roof	Terracotta Revell M85 or Humbrol M100

Matches close to the actual paint sample taken from a building many years ago

****Matches the paint sample taken from the building many years ago***



For more VR information and photos see www.spiritdesign.com.au, Rob O'Regan's website http://www.robx1.net/, Mark Bau's http://www.victorianrailways.net/ or Peter Vincent's http://www.pjv101.net/index.htm.

Any alterations, suggestions or queries please contact me.
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