

Scratch Building Rolling Stock

My Trials and Tribulations

Dai Coley

Summer Steamup 2018

History

- Hornby “OO” Sir Nigel Gresley at age 5
- “OO” Gauge Layout in Garage
- Visits to Didcot, Severn Valley Rwy, Nene Valley, Watercress Line, Blue Bell Line, Pendon, York, Bressingham, Carnforth, West Somerset, Dart Valley and South Devon Rwys. And others



HERO'S

- Isambard Kingdom Brunel
- Sir Nigel Gresley
- Bill Allen

Build Projects

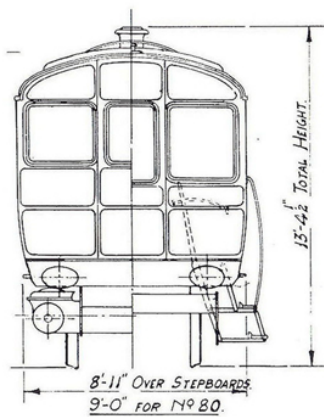
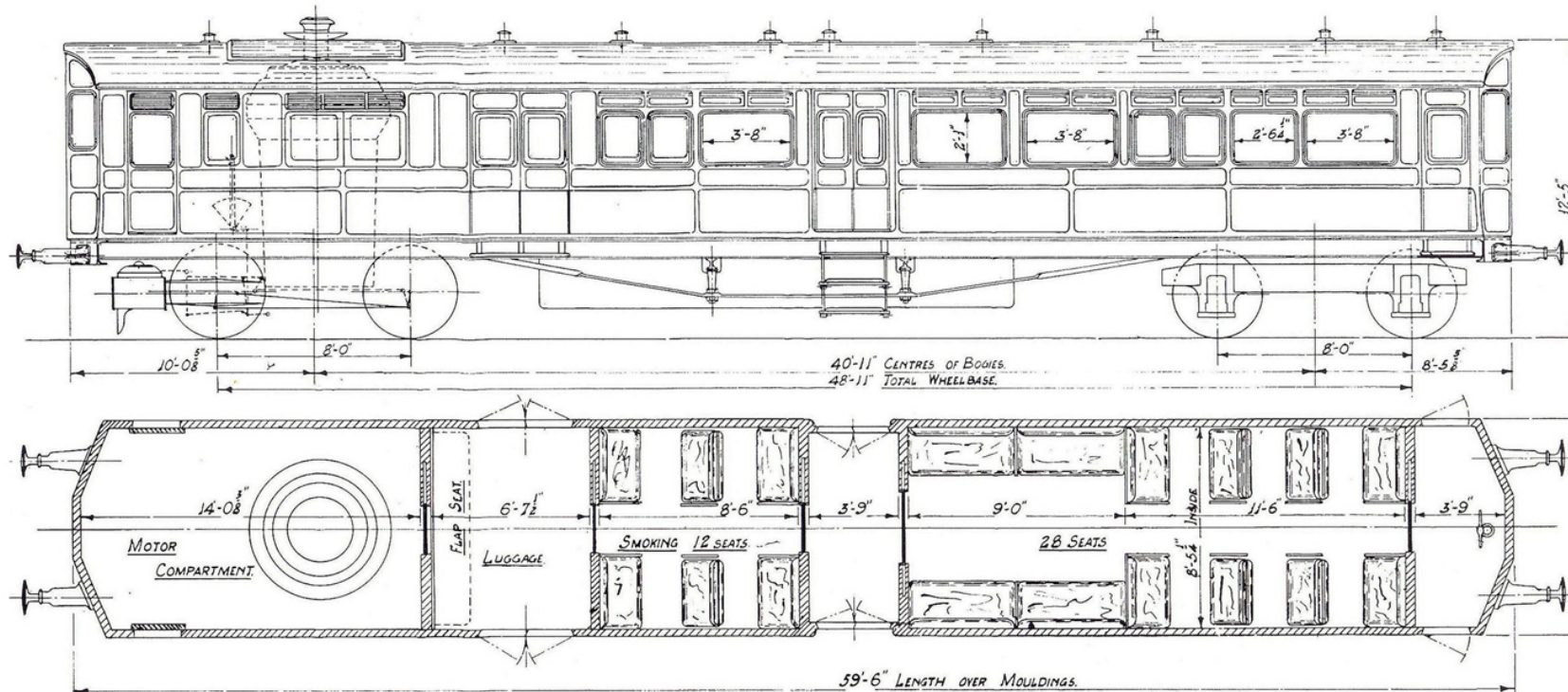
- Ruby kit
- Freelance Tender for Ruby
- BAGRS based Logging Engine
- ARMIG
- Regner Climax Class A
- GWR Steam Rail Car
- Groudle Glen coaches
- GWR Autocoaches (Trailers)

GWR Steam Rail Car

- GWR Society at Didcot rebuild of No. 93
- Plans for No. 83 from internet and book research
- Using Adobe Photoshop to scale to 1:24
- Fitting of Regner Boiler to Ruby chassis
- Body built from wood from scrap bin
- Roof cut from Heating Duct metal
- Boiler area lined with metal due to fire

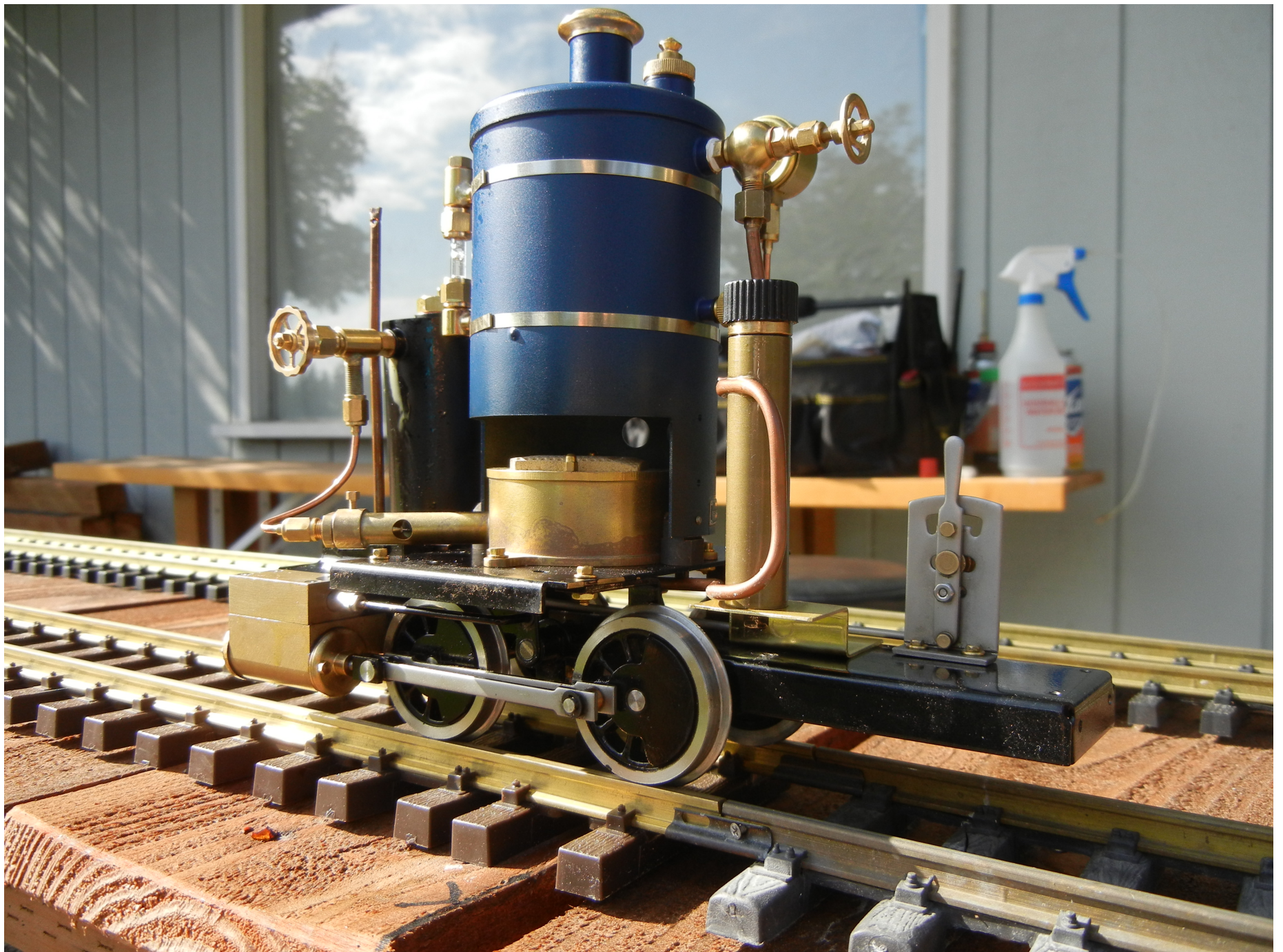




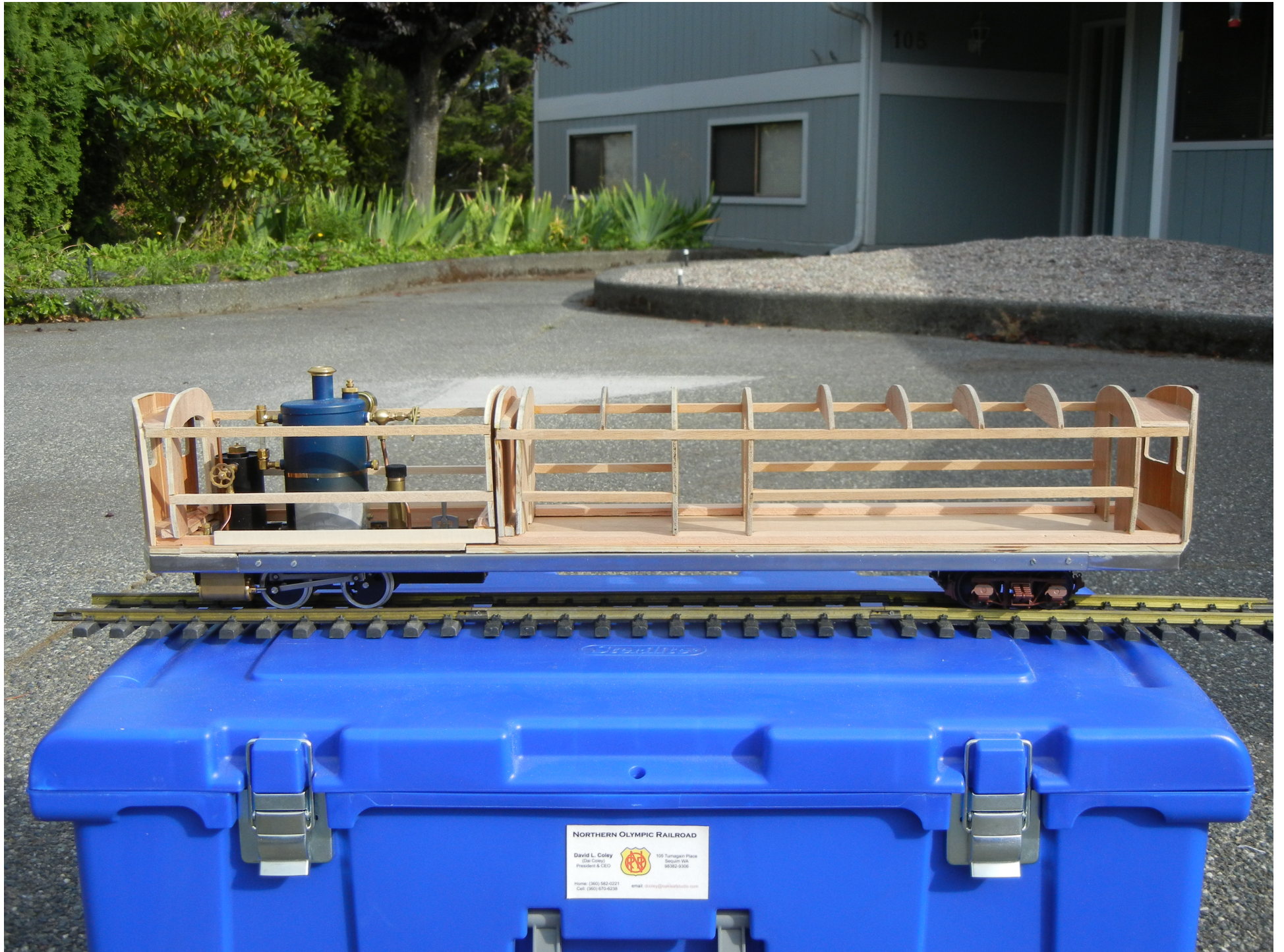


-LOT 1101-
-Nos 73 to 80-

-G. W. R.-
-STEAM MOTOR CARRIAGE-
- SWINDON - MAY 1905 -







NORTHERN OLYMPIC RAILROAD

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Groudle Glen IOM Coaches

- 1:13.7 (7/8" = 1') Sea Lion - Accucraft
- Pictures of coaches on internet
- Bachmann Tipping Ore Wagons
- Bass Wood bodies
- Brass and Steel benches





GWR Auto Coaches

- 1:32 Bowande GWR 0-4-2T No. 1466
- Tried to find Autocoach model or kit - nogo
- Plans on internet and books 1 & 2
- Using Adobe Photoshop to scale to 1:32 (10mm = 1') print out on 11" x 17" sheets pasted together to make complete model
- No. 180 built from styrene sheet cut out on Silhouette Cameo cutting machine

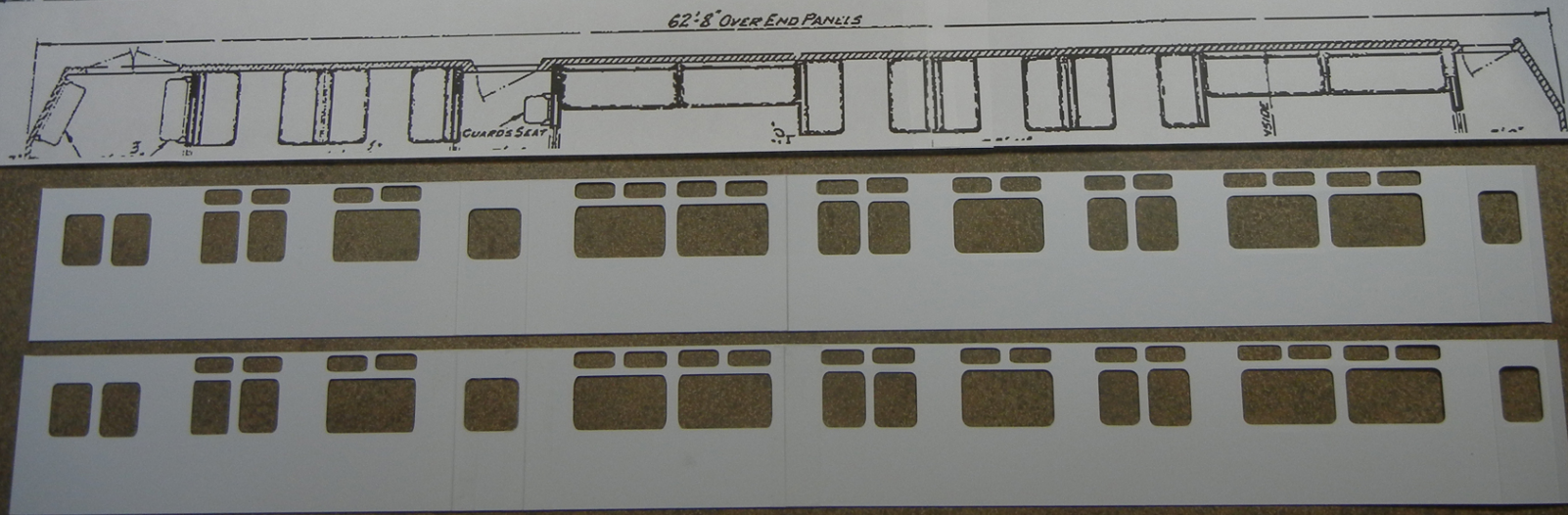
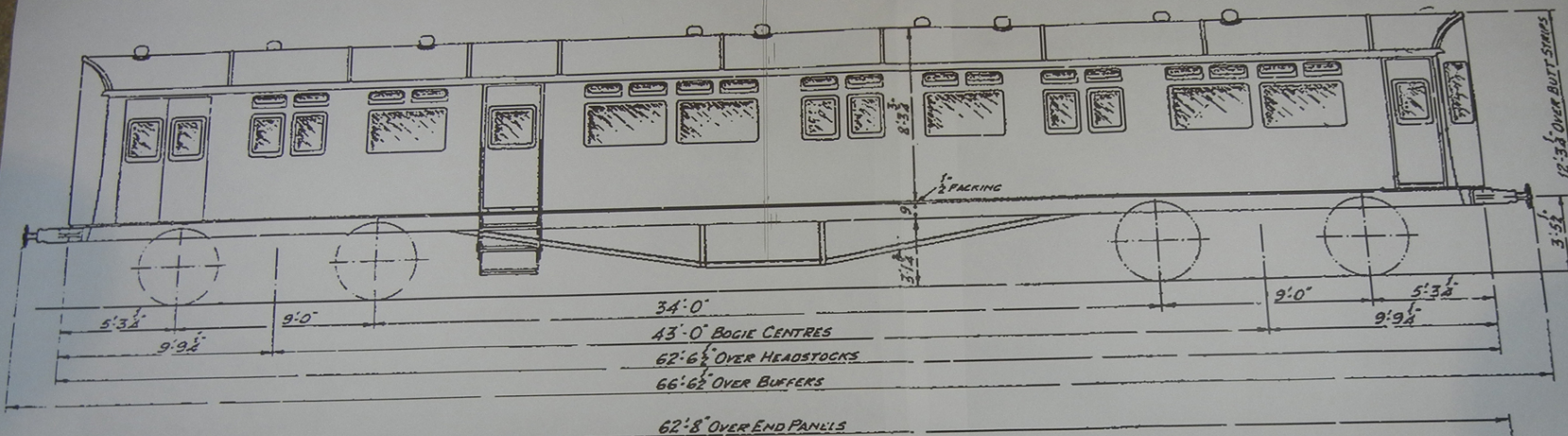
GWR 178 Autotrailer Third built 1930



GWR 178 Autotrailer Third built 1930

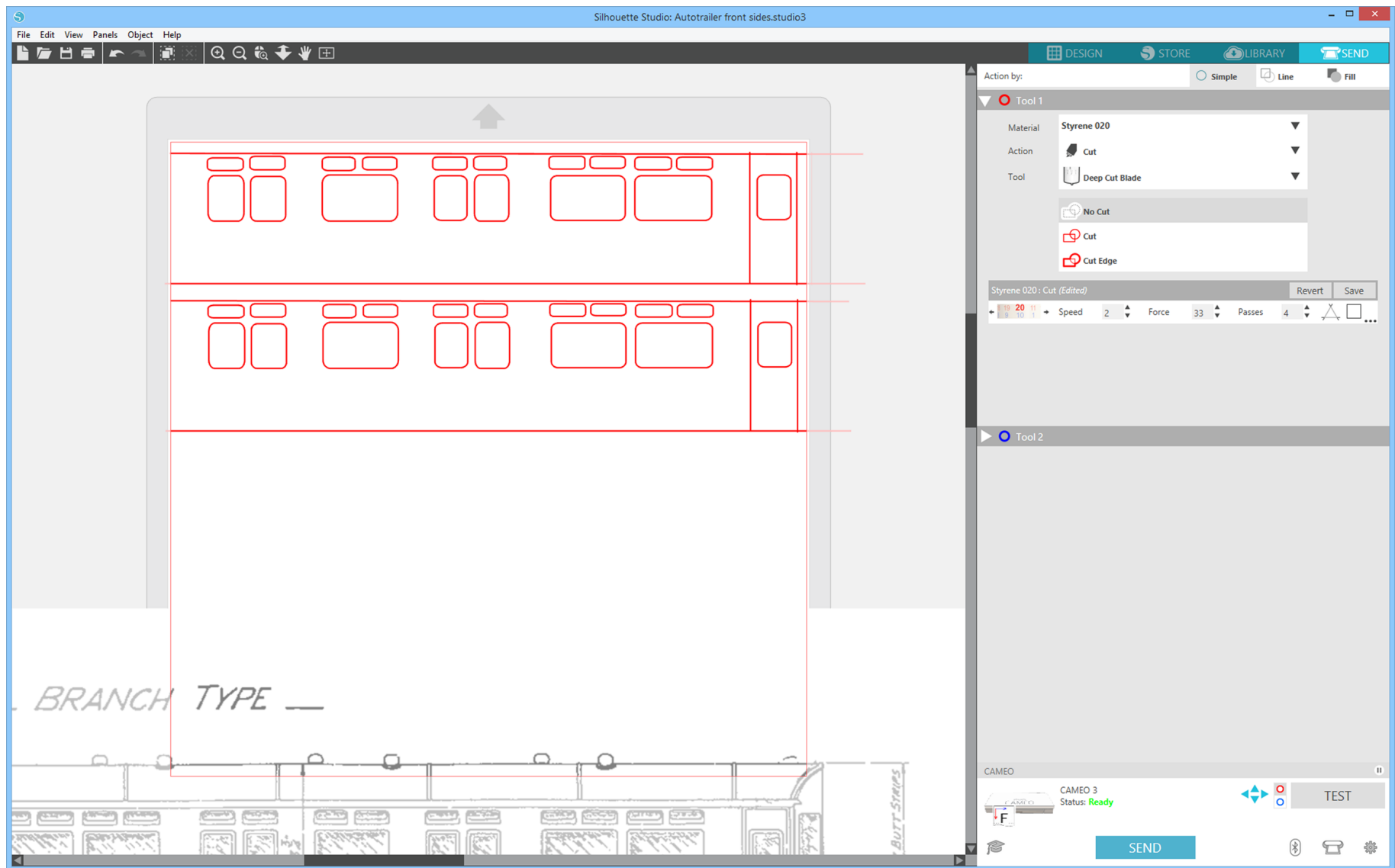
Present Location	Severn Valley
County Location	Worcestershire
Designed For	GWR
Build Location	Swindon
Diagram number	A28
Lot number	1410
Type	Autotrailer
First Number	178
Present Number	178
Gauge	4ft 8 1/2in
Wheel Arrangement	4-w bogies
Original Underframe	Yes
Original Bogies/Wheelsets	Yes

--- BRANCH TYPE ---



GWR Auto Coaches cont.

- Imported Photoshop image to Silhouette software and produced cutting files for the various pieces to make sides and ends
- Plywood base and Aluminum Roof
- Bogies from Just the Ticket – No Go
- MK1 B.R. Coach Bogies from Accucraft
- Decals printed on ALPS Printer





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Stimulate the mind and invigorate the body
ONLY HAWAIIAN RAILROAD
Where the name is longer than the ride
HELE I KA
(See Path of Fire)



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ELECTRIC ONICS
PSC1210 Printer
Dell OptiPlex 745
Protel DXP
LUKE 8050A Digital Multimeter
ROBOTICS
Mag
coming with P

GWR Auto Coaches cont.

- No. 174 built from Aluminum sheet/roll
- Adobe Photoshop printout stuck to Aluminum with double sided tape
- Holes punched out with metal punch
- Windows cut with a Nibbler and Dremel Cut-off Wheel
- Similar plywood base and MK1 Bogies as used on No.180

Tools of the Trade

- Resistance Soldering Iron
- Electric Toothbrush Sanding Disk
- Rotary Grinding Tool (Harbor Freight)
- Guillotine
- Metal Punch
- Dremel Cutoff Tool
- Dremel Moto-Saw



