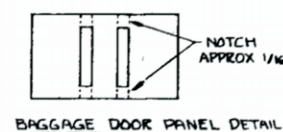
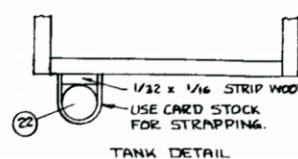
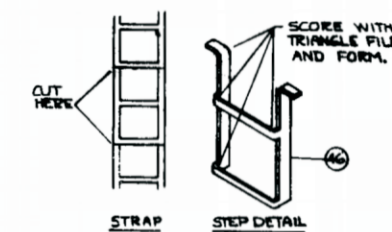
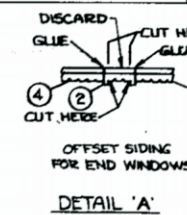
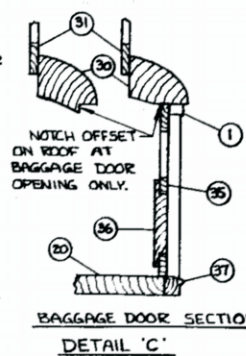
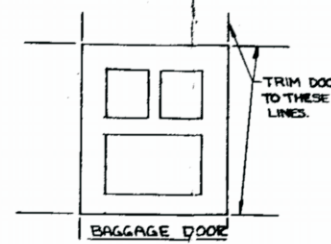
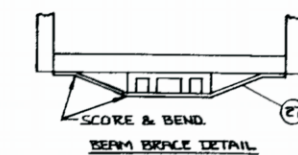
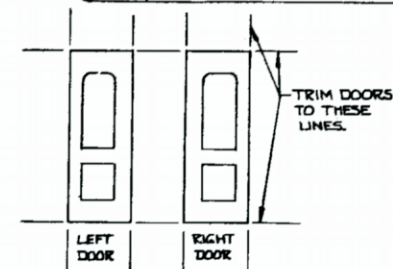
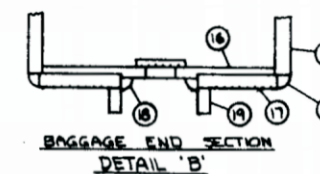
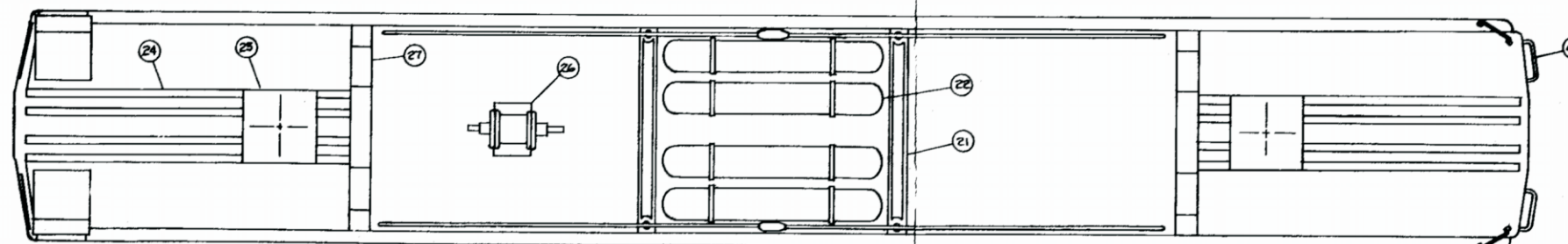
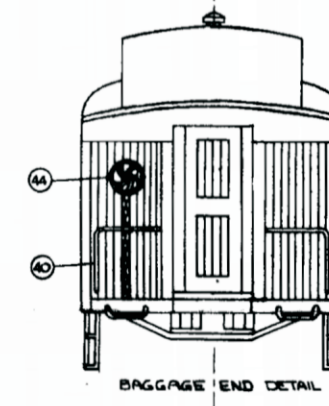
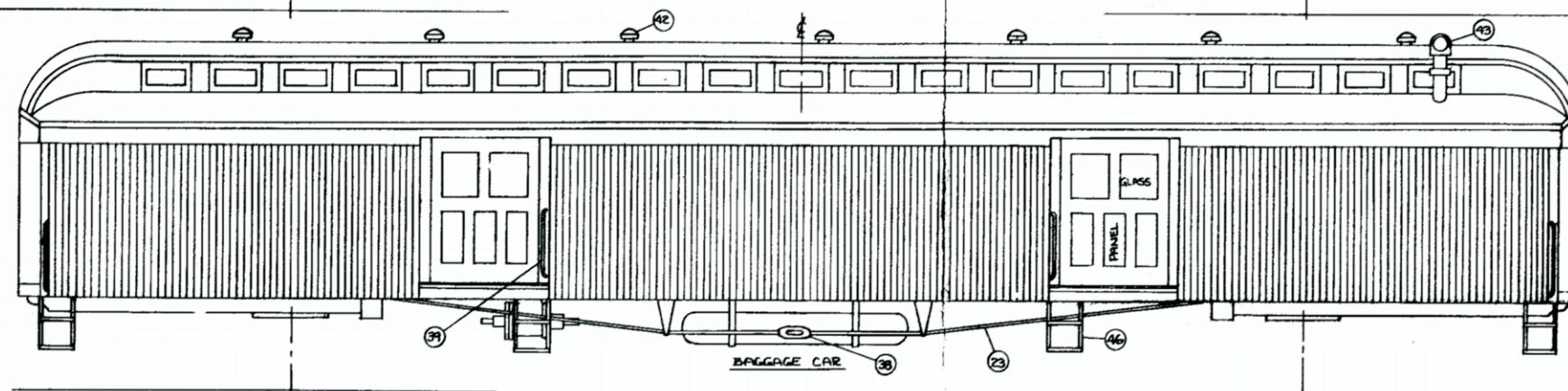
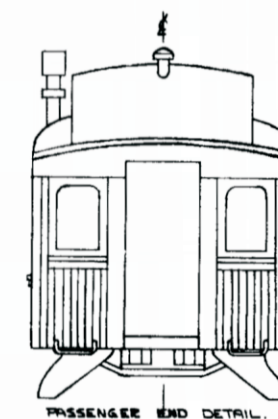
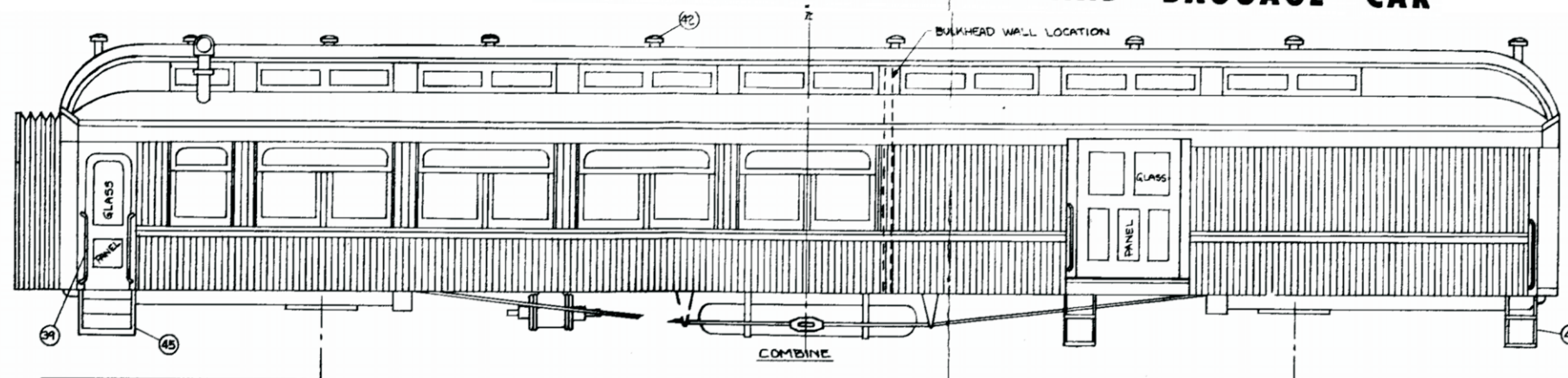
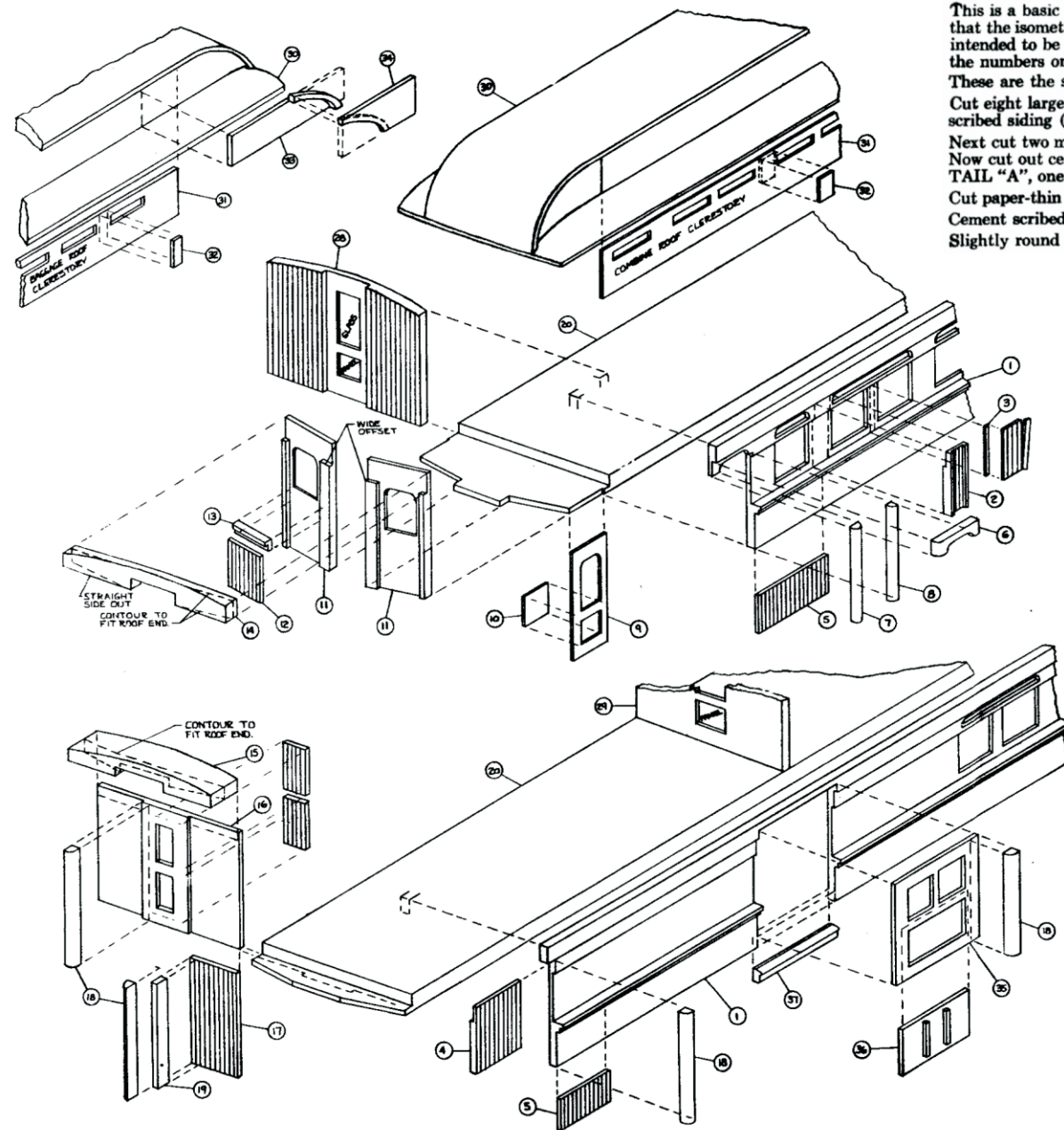


1905 COMBINATION CAR AND BAGGAGE CAR



La Belle Woodworking Company
Manufacturers of Model Railroad Kits
 P.O. BOX 22 OCONOMOWOC, WISCONSIN



This is a basic kit of a 1905 Combination Car or Baggage Car. It is not a "QUICKIE KIT", and therefore it is suggested that the isometric and plan drawings be studied thoroughly, also that the parts be sorted and be noted as to where they are intended to be used. It is suggested that assembly be followed by the numbers in the instructions which correspond with the numbers on the isometric and plan drawings.

These are the sub-sides (1)

Cut eight large window posts (2) with offset on back to fit between bottom of letterboard and top of belt rail. Use offset scribed siding (4) as template to obtain correct length, keeping offsets in line when cutting. Now cement in place.

Next cut two more large window posts (2) to length. Cement each piece between two pieces of offset scribed siding (4). Now cut out center part of post (2) leaving raised shoulder portion only cemented to offset scribed siding (4) as per DETAIL "A", one each used for left and right end window. Repeat other side.

Cut paper-thin piece of scribed stock (3), to fit on small window posts. Separate to form eight pieces as shown.

Cement scribed siding (5) below belt rail. Trim flush with ends of sub-side and baggage door openings.

Slightly round vestibule door headers (6) to match door posts (7) and (8). Cut to fit and cement in place as shown.

Cut two vestibule doors (9) to size by placing over template on plan drawing, making sure that one right and one left is made and used on its respective side. Cut panels from 1/32 by 5/16 inch stripwood (10) and cement on back of doors. Now cement to back of sub-sides at TOP ONLY.

VESTIBULE END ASSEMBLY: Make up two end pieces (11) by cutting thin scribed siding (12) and also belt rail (13) to fit as shown. Cement on (12) first, then (13). Now cement a completed right and left (11) to end letterboard (14), making sure that wide offset of (11) is to center.

BAGGAGE END ASSEMBLY: Refer to isometric drawing and DETAIL "B". Cement letterboard (15) to end (16). Cement on scribed siding (17). Cut to length 1/16 by 1/16 inch quarterround (18) and 1/16 by 1/8 inch stripwood (19) and cement in place as per baggage end DETAIL "B". Cement on door panels from left-over scribed siding.

Lay out bottom of floor (20) for position of queen posts (21), gas tanks (22), truss rods (23), beams (24) and brake cylinder (26). Cement beams (24), and 1/64 by 1/8 inch stripwood beam brace (27) in place, leaving other under-body parts off until car body is assembled.

FOR COMBINATION CAR ONLY: Cement scribed bulkhead wall (28) to floor on vestibule end as shown, making sure it is square. Now cement completed sides to floor, making sure sides are flush with bottom of floor and flush with end bulkhead wall. **IMPORTANT: DO NOT** apply cement at baggage door openings. Now cement completed baggage end assembly and 1/16 by 1/16 inch quarter round corner posts (18) in place, and bulkhead wall (29) as located on Combination Car Side Elevation drawing.

FOR BAGGAGE CAR ONLY: Cement one completed baggage end assembly to floor as shown, making sure it is square. Now cement completed sides to floor making sure sides are flush with bottom of floor and against baggage end assembly. **IMPORTANT: DO NOT** apply cement at baggage door openings. Next cement on other completed baggage end assembly and 1/16 by 1/16 inch quarter round corner posts (18) in place.

FOR COMBINATION AND BAGGAGE CAR: Cut baggage doors (35) to size as per template. Apply panel as per detail. Next cut out strip at bottom of baggage door openings. Set completed doors on floor and cement at TOP ONLY. Cut to length sill strip (37) and cement in place, also cut and fit 1/16 by 1/16 quarter round posts (18) and cement in place.

Start to assemble roof (30) by cementing clerestory window strips (31) inside roof on each side. **IMPORTANT:** Be sure clerestory windows line up with car side windows. Cut to length 1/32 by 3/16 inch stripwood (32) and (33), cement in place. Now roof ends may be rounded to contour shown on plan drawing. Make template from card stock and use to check contour for correct shape. Care should be taken when sanding roof ends to size, so as not to sand off too much. Make up overhang pieces (34) for ends of roof from 1/16 by 1/2 inch stripwood, as shown and cement on. Next refer to DETAIL "C" for notching roof at baggage door openings. Temporarily place roof on car body, holding vestibule end assembly up under roof contour and against end of floor until cement has set. Remove roof and apply small fillet of cement inside where vestibule ends meet vestibule doors. After vestibule end assembly has set, apply 1/32 by 1/16 inch quarter round (8) and 1/16 by 1/16 half round (7) on vestibule doors as shown.

Make up and apply four gas tanks (22) as shown. Cement on queen posts (21), install truss rods (23), turnbuckles (38), brake cylinder (26) and steps (45) and/or (46).

Make up hand rails (39) (40) and install. Add grab irons (41), roof vents (42) (brass escutcheon pins), chimney (43), brake wheel and chain (44).

Car is ready for painting. After painting, add colored acetate for clerestory windows in roof (clear acetate for baggage car) and upper windows on sides. Clear acetate for lower windows. Don't forget to frost lavatory glass by sanding lightly on backside with fine sandpaper. Attach diaphragms.

NOTE: Position of truck centers will be determined by type and make of trucks used. Position Bolster (25) accordingly.