SEE ARTICLE ON CONSTRUCTION IN RLWY MODELLER

JIDENCO MODELS

32 COOMBE COURT · THATCHAM · BERKS

L.M.S./B.R. 7F.

GENERAL.

Remove parts from the fret as required with a sharp knife. Clean with emery paper and file off retaining pips.

SUGGESTED LOCO CONSTRUCTION.

Solder the pairs of valances together and solder these to the footplate approx 1 mm from the edge. Next solder the front buffer beam overlay to the front buffer beam and solder this and the rear drawbar to the footplate. Take the cabside strengtheners and solder to the cabsides leaving a small rebate at the front for the cabfront. Solder the window surrounds in place and then solder the cab wrapper round the cabfront. Solder cab assembly to footplate. Lay assembly so far to one side.

CHASSIS CONSTRUCTION.

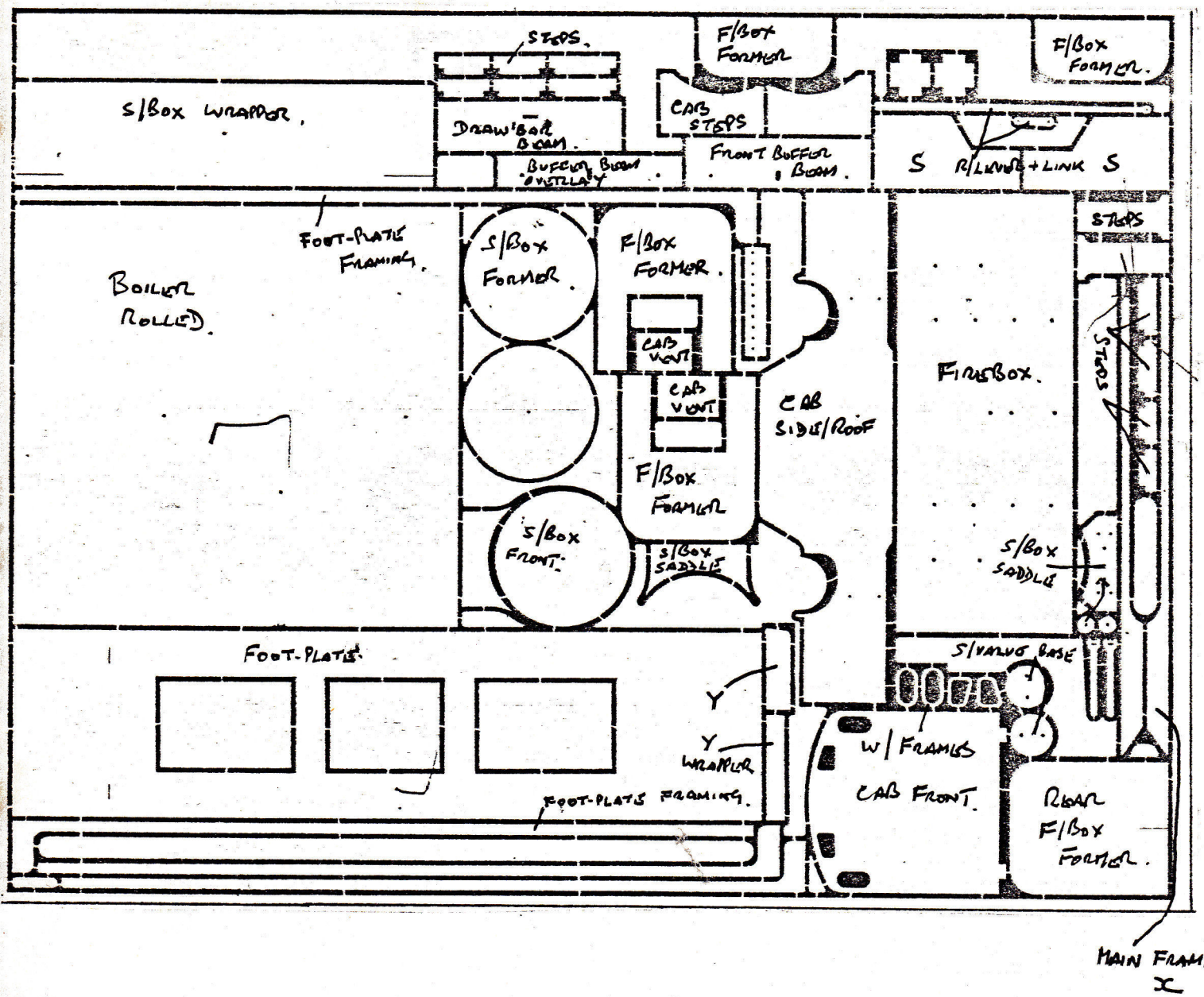
Tack solder the mainframes together, ream out the axle bearing holes and drill for the frame spacing screws. I suggest drilling to position the spacers below the cab and smokebox saddle. Seperate the frames and solder the axle bearings in place. Screw the frames together and fit the wheelsets. When satisfied all wheels are touching a level surface solder the spacers to the frames and remove the fixing screws. Make up a motor mounting bracket from scrap brass or nickel silver, mount the motor, when satisfied with gear meshing solder the bracket in place. Sweat the pairs of coupling rods together fit to the chassis and test run. Make up brake rigging with brass wire and solder the brakes into place followed by the sand boxes in position shown on drawing.

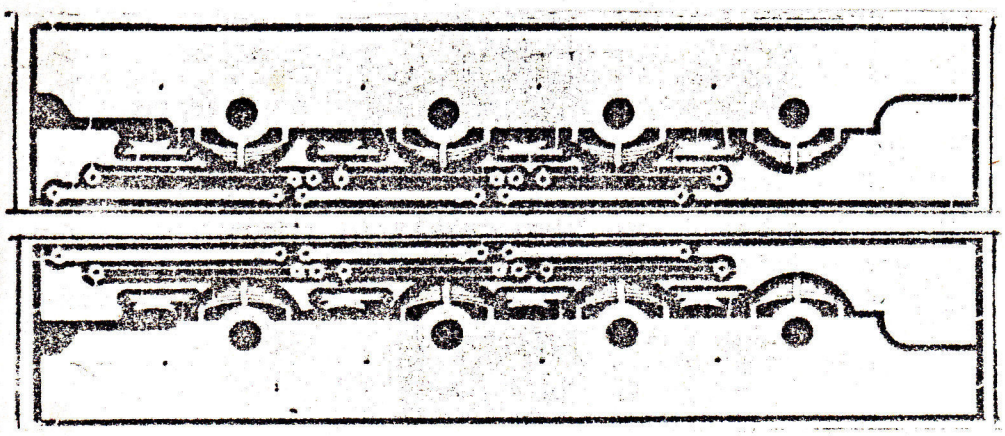
LOCO CONSTRUCTION (Cont)

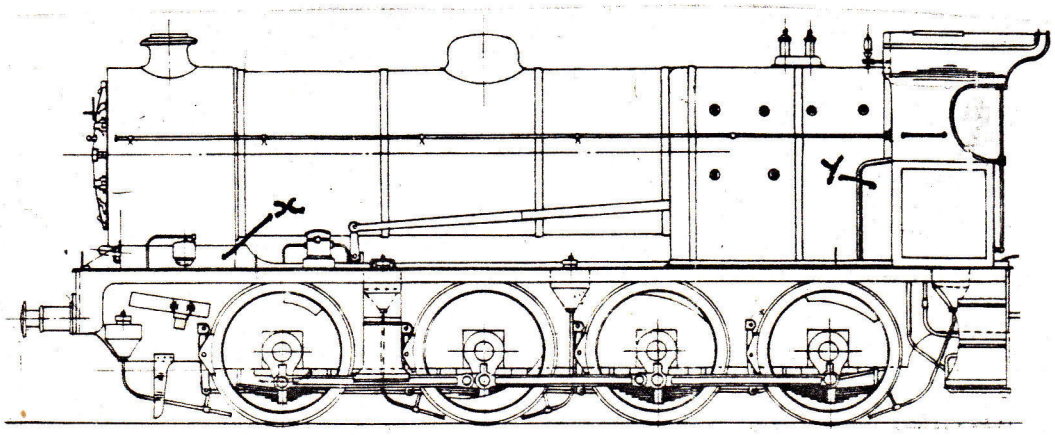
Take the firebox formers and solder the two front ones together these have the cut outs for the motor then solder the two half formers to the rear of the first two. Scribe a centre line down the middle of the firebox wrapper, do the same on the front firebox former, the rear former already has a centre line etched. Offer the formers to the firebox wrapper and mark on the wrapper were the curves are to come, form these with a small diameter tool handle or similar. Solder the formers in place and file the front edges of the firebox to the correct profile. Solder washout plugs in place. Solder the firebox assembly to cab front and footplate. Take the rolled boiler and solder up the seam. Stand upright on a hard surface and force a boiler strengthener down to the smokebox front and solder in place. Solder another former at the rear of the boiler. Take smokebox wrapper and solder in place on smokebox forming the saddle sides while doing so. Solder smokebox saddle front in position. Scribe a centre line down the underside of the footplate, offer up chassis mark and drill for the chassis retaining screws. Solder chassis retaining nuts on top side of footplate. Solder the front cylinder covers in place on smokebox saddle and solder the two grabrails in position. Solder boiler in position on footplate ensuring it lays parallel. Solder mainframe tops in place followed by the reversing lever. Drill boiler for handrail knobs and solder all boiler fittings in place followed by the smokebox door. Make up and fit the reversing lever housing, steps and buffers. Detail the lubricators with wire and solder in position on the footplate. Disregard the parts marked X on the fret. Complete the loco by fitting handrails and cab roof vent.

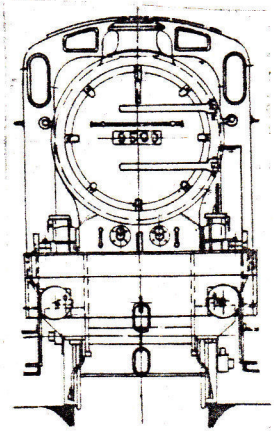
Parts needed to complete.

8 18mm Driving Wheels
6 16mm Tender Wheels
Motor and gears to choice
I use the Anchoridge D.11


STEPS.
F/BOT FORMER
F/BOX FORMER.
S/BOX WRAPPER.
DRAW BAR BEAM.
CAB STEPS
BUFFER BEAM OVERLAY
FRONT BUFFER BEAM.
S R/LEVER + LINK S
FOOT-PLATE FRAMING.
BOILER ROLLED.
S/BOX FORMER
F/BOX FORMER.
CAB VENT
CAB VENT
CAB SIDE/ROOF
F/BOX FORMER
S/BOX FRONT.
S/BOX SADDLE
FIREBOX.
STEPS
STEPS
S/BOX SADDLE
S/VALVE BASE
FOOT-PLATE.
Y
Y
WRAPPER
W/ FRAMES
CAB FRONT.
REAR F/BOX FORMER.
FOOT-PLATE FRAMING.
MAIN FRAMES
X




X
Y



JIDENCO MODELS

32 COOMBE COURT · THATCHAM · BERKS

'00' Kits of Etched Brass with Metal details

L.M.S 3500Gal Tender (Fowler)

General

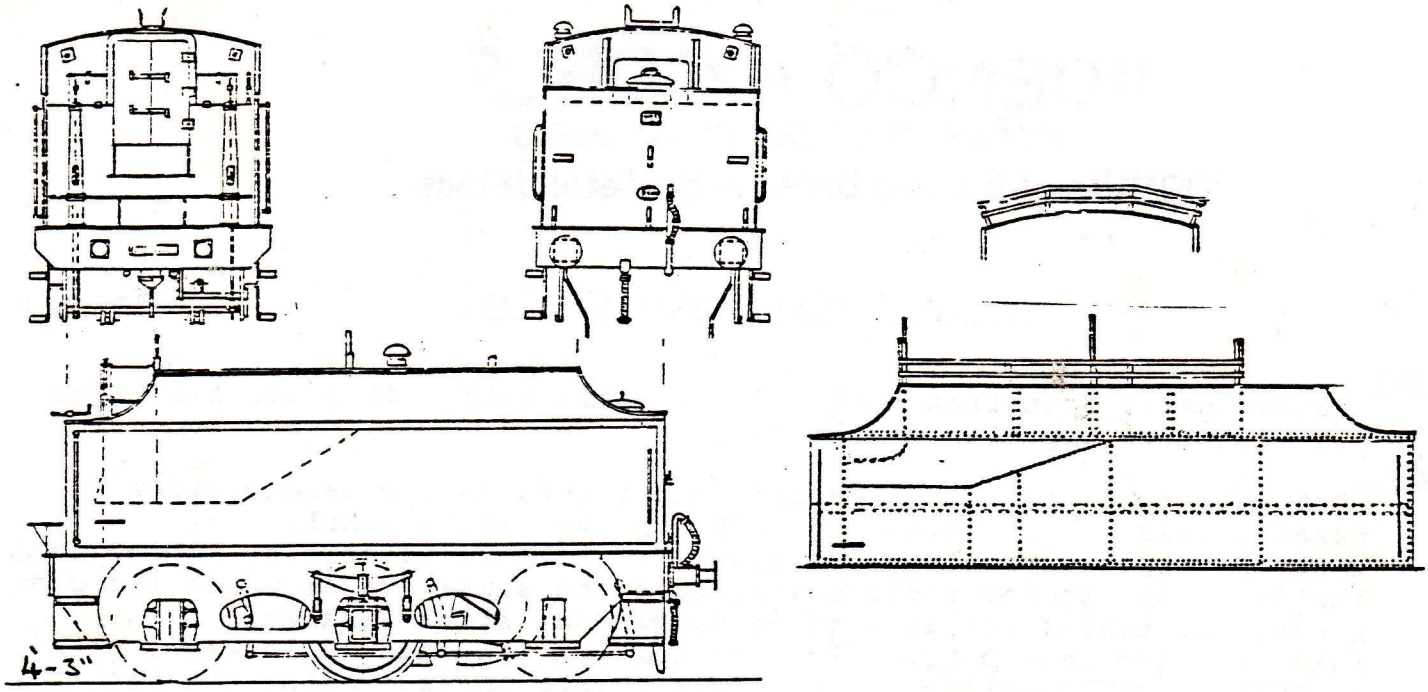
Remove parts from fret with a sharp craft knife, file off remainder of retaining pip with needle file.

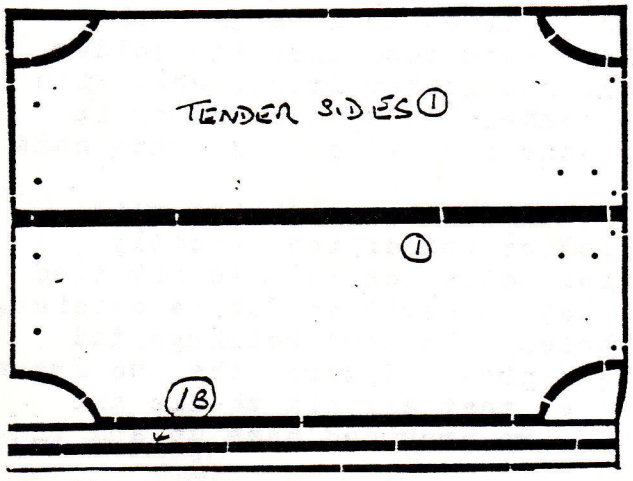
Assembly

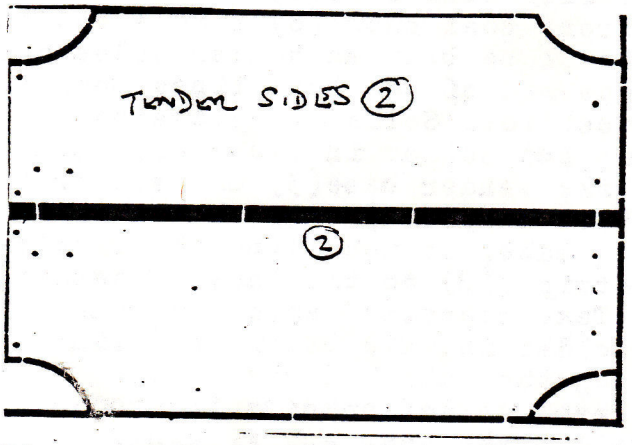
Take choice of tender sides and solder them to the tender sides 'S' Panels, then solder tender rear(22) to the rear 'S' panel.
With the aid of a rectangular block or similar, solder the tender rear inside to the tender sides making sure the sides are at 90° to the rear, I used the tender top as a gauge to get the sides parallel.
Next take the locker front(7) then bending the ends of locker side(8) to 90° thus ⌐¬ solder to the lower locker shape, taking top locker side(9) bend to shape thus ⌐¬ and solder to the top of locker front. Solder locker front between tender sides position as diagram. Take front coal guard(6) remove bottom portion along bend line and solder in place between tender sides hard up against locker front. Next with the aid of the bend lines bend to shape tender top(4) and solder in position. Solder in place water filler, dome and tender air vents make up and solder in place all hand rails.
Take tender base(3) and solder in place two chassis retaining nuts (not supplied) over the holes in base, solder tender top assembly to base, if modelling the rivetted version solder on the two rivetted strips(1B) to the base of tender sides. Lay assembly so far to oneside.
Take chassis frames and ream out axle holes, to accept bearings, and solder in axle bearings. Using the spacers provided screw the two frames together and fit wheel sets, when satisfied that all six wheels are level solder spacers to frames. With the wire provided make up and fit all brake gear and rigging.
Offer up chassis to body and make any adjustments for clearence, then solder tender frames(13) in position to the underside of tender base.
Solder on buffer beam(11) and draw bar(12), bend ends of coal shute lip(24) to 90° and solder to locker front. Take tender foot-plate(9) and solder on tender foot-plate top(10) bend to 90° the ends of(9) and solder in place on tender front, then solder in place the two standards.
Make and solder in place all tender steps with parts(16) (17) (18) and tender rear steps(23).
Solder in place buffers, steam and vac pipe, and with a suitable glue affix axle guards.
Solder together the rear coal guard(5) and solder in place on tender top and if required solder on coal rails, fire iron brackets and rails.

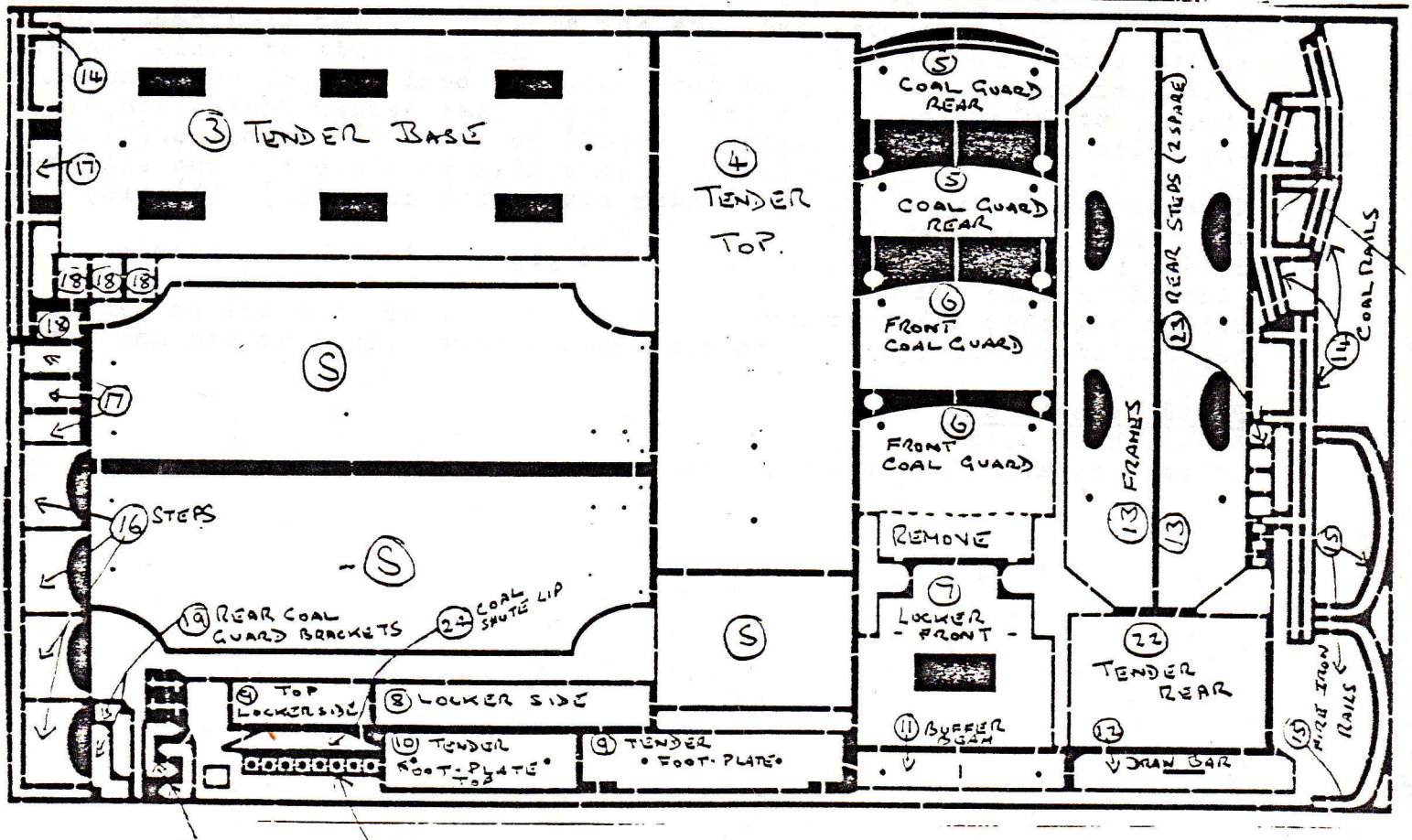
Parts to complete

3 4-3" Wheel sets.
Chassis retaining nuts and bolts.


4'-3"


TENDER SIDES (1)
1
18


TENDER SIDES (2)
2


3 TENDER BASE
4 TENDER TOP.
5 COAL GUARD REAR
5 COAL GUARD REAR
6 FRONT COAL GUARD
6 FRONT COAL GUARD
REMOVE
7 LOCKER - FRONT -
8 LOCKER SIDE
9 TENDER FOOT-PLATE
10 TENDER FOOT-PLATE TOP
11 BUFFER BEAM
12 DRAW BAR
13 FRAMES
13 REAR STEPS (2 SPARE)
14 COAL RAILS
15 MILK IRON RAILS
16 STEPS
17
18
19 REAR COAL GUARD BRACKETS
20 FIRE IRON BRACKETS
21 LIFTING LUG BRACKETS
22 TENDER REAR
23 COAL CHUTE LIP