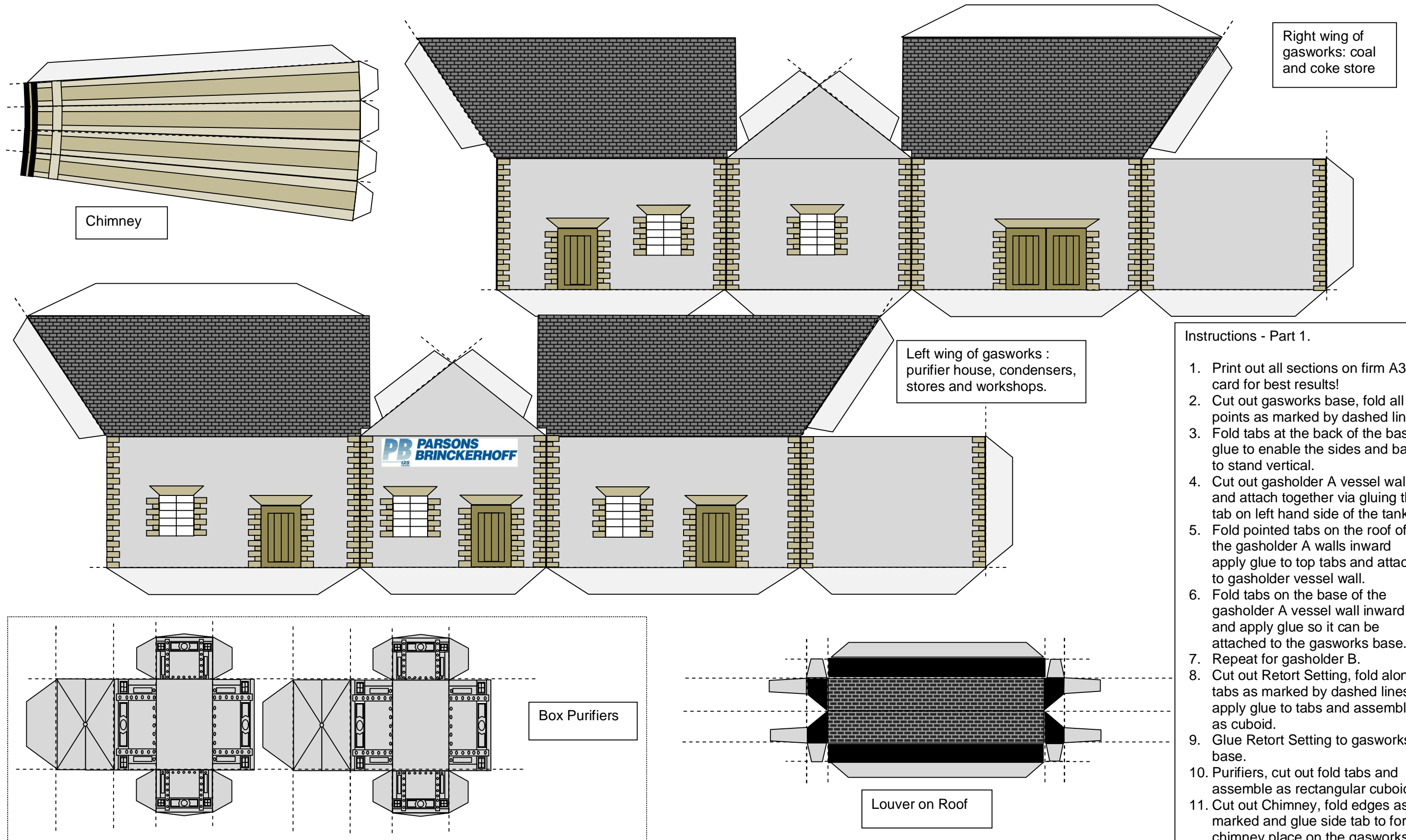


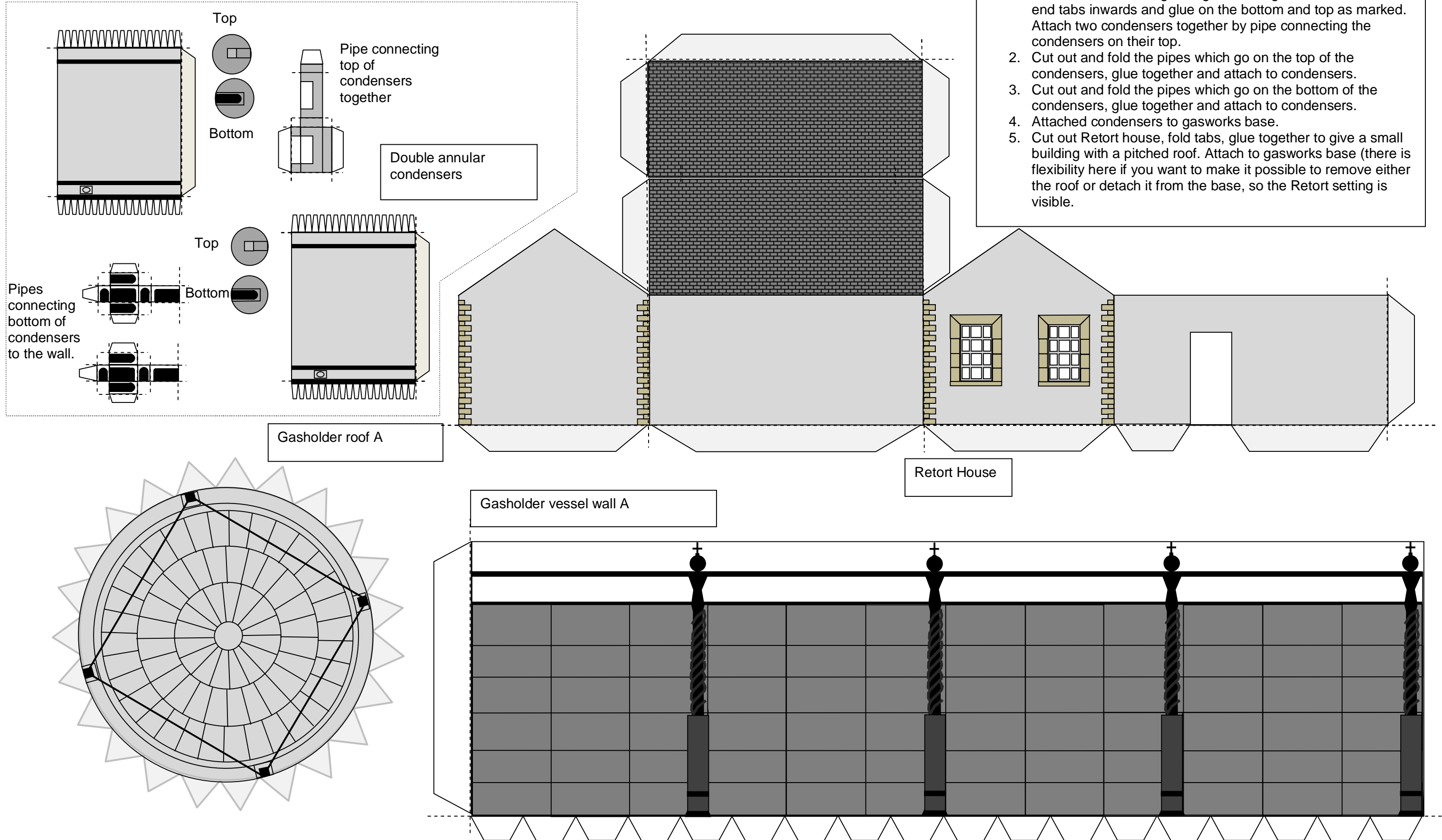
# Model 3: Large village/estate Gasworks – Buildings 1



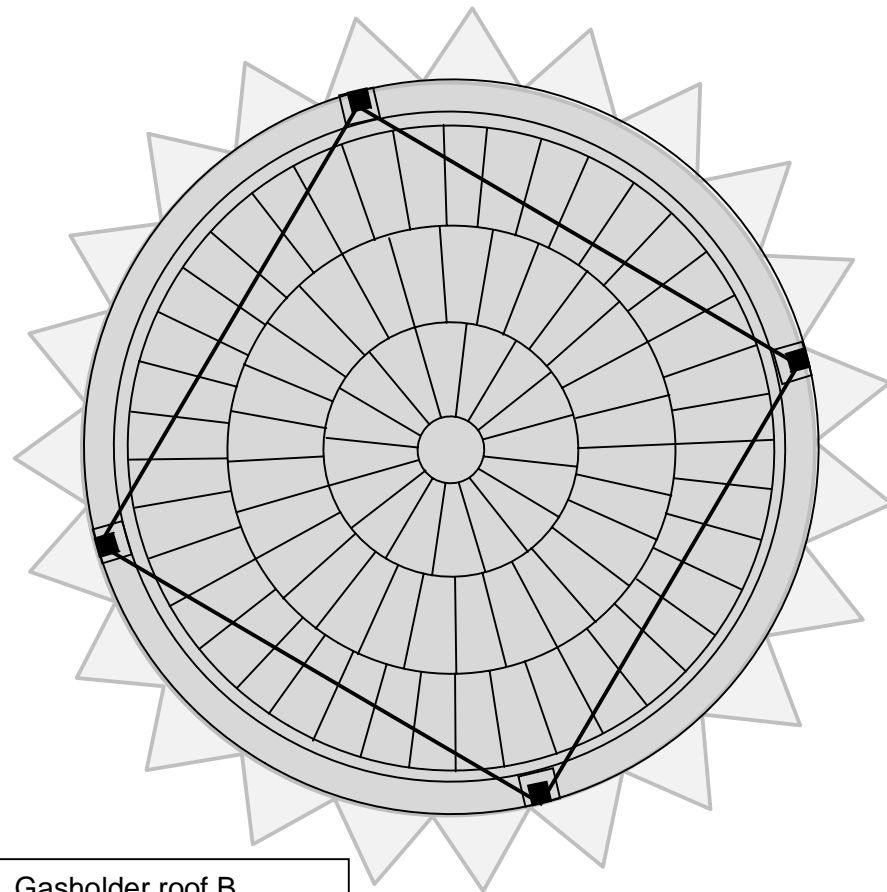
- Instructions - Part 1.
1. Print out all sections on firm A3 card for best results!
  2. Cut out gasworks base, fold all points as marked by dashed lines.
  3. Fold tabs at the back of the base, glue to enable the sides and back to stand vertical.
  4. Cut out gasholder A vessel walls and attach together via gluing the tab on left hand side of the tank.
  5. Fold pointed tabs on the roof of the gasholder A walls inward apply glue to top tabs and attach to gasholder vessel wall.
  6. Fold tabs on the base of the gasholder A vessel wall inward and apply glue so it can be attached to the gasworks base.
  7. Repeat for gasholder B.
  8. Cut out Retort Setting, fold along tabs as marked by dashed lines, apply glue to tabs and assemble as cuboid.
  9. Glue Retort Setting to gasworks base.
  10. Purifiers, cut out fold tabs and assemble as rectangular cuboids.
  11. Cut out Chimney, fold edges as marked and glue side tab to form chimney place on the gasworks base as marked.

# Model 3: Large Village/estate Gasworks – Buildings 2

- Instructions - Part 2.
1. Cut out condensers, glue together using the end tabs, fold end tabs inwards and glue on the bottom and top as marked. Attach two condensers together by pipe connecting the condensers on their top.
  2. Cut out and fold the pipes which go on the top of the condensers, glue together and attach to condensers.
  3. Cut out and fold the pipes which go on the bottom of the condensers, glue together and attach to condensers.
  4. Attach condensers to gasworks base.
  5. Cut out Retort house, fold tabs, glue together to give a small building with a pitched roof. Attach to gasworks base (there is flexibility here if you want to make it possible to remove either the roof or detach it from the base, so the Retort setting is visible).

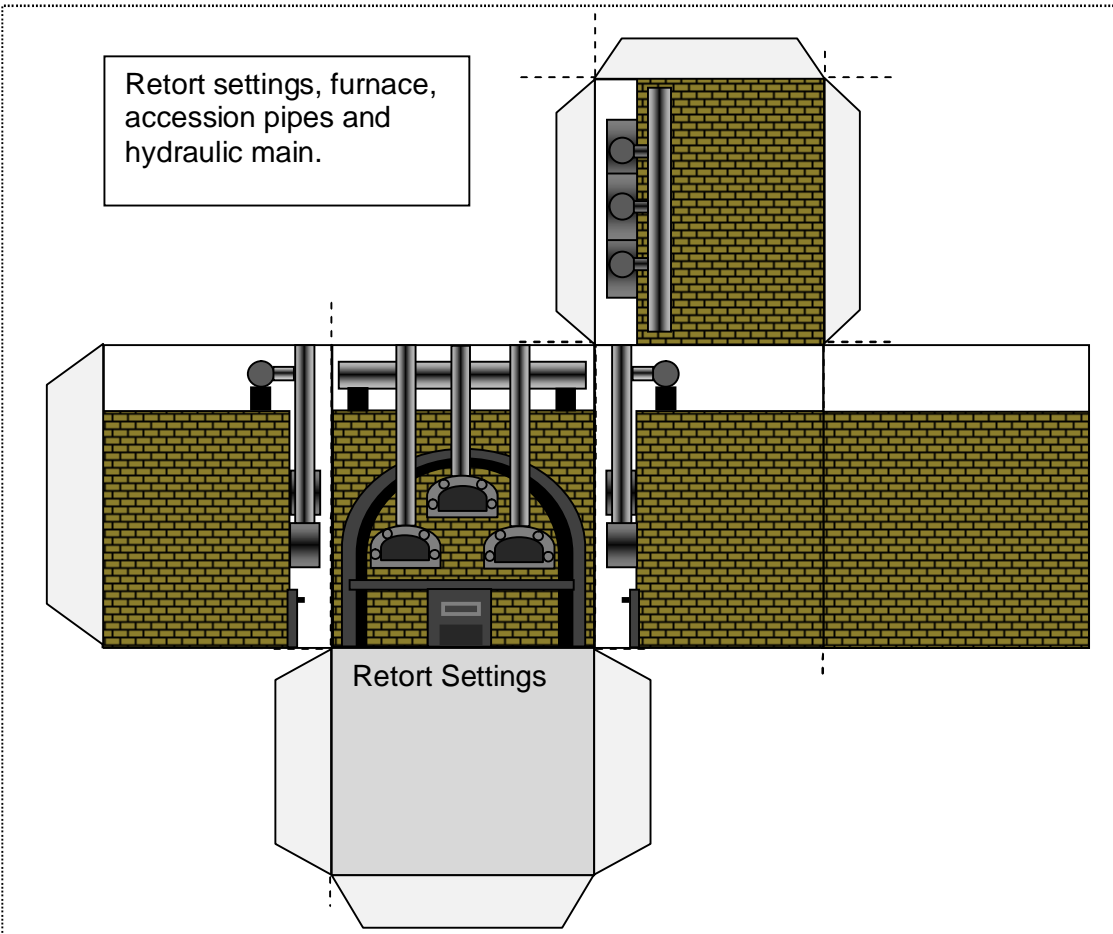
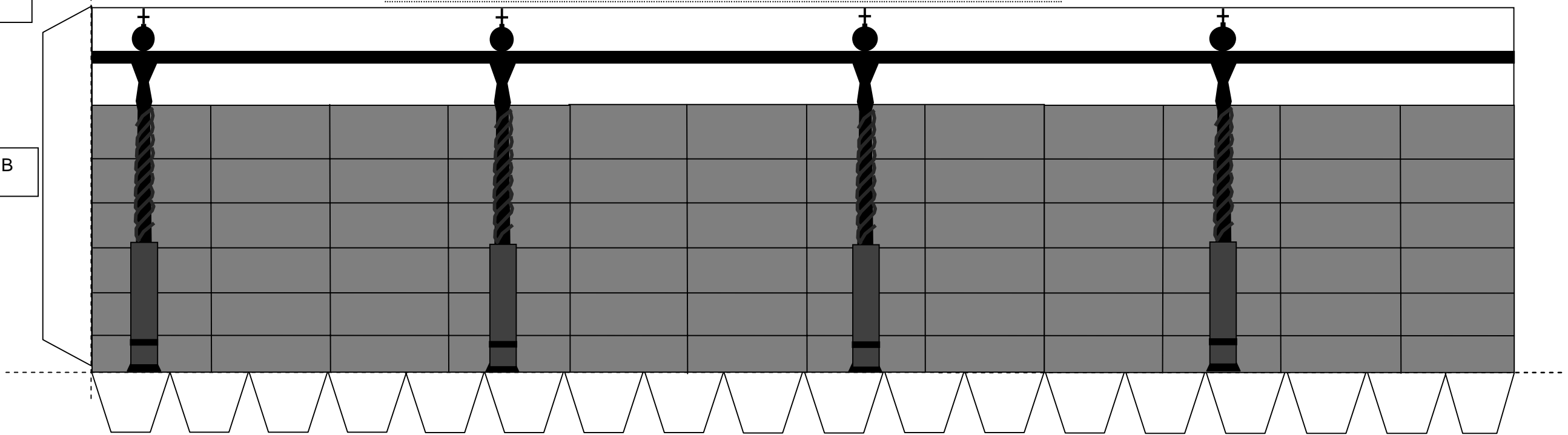


# Model 3: Large Village/estate Gasworks – Buildings 3



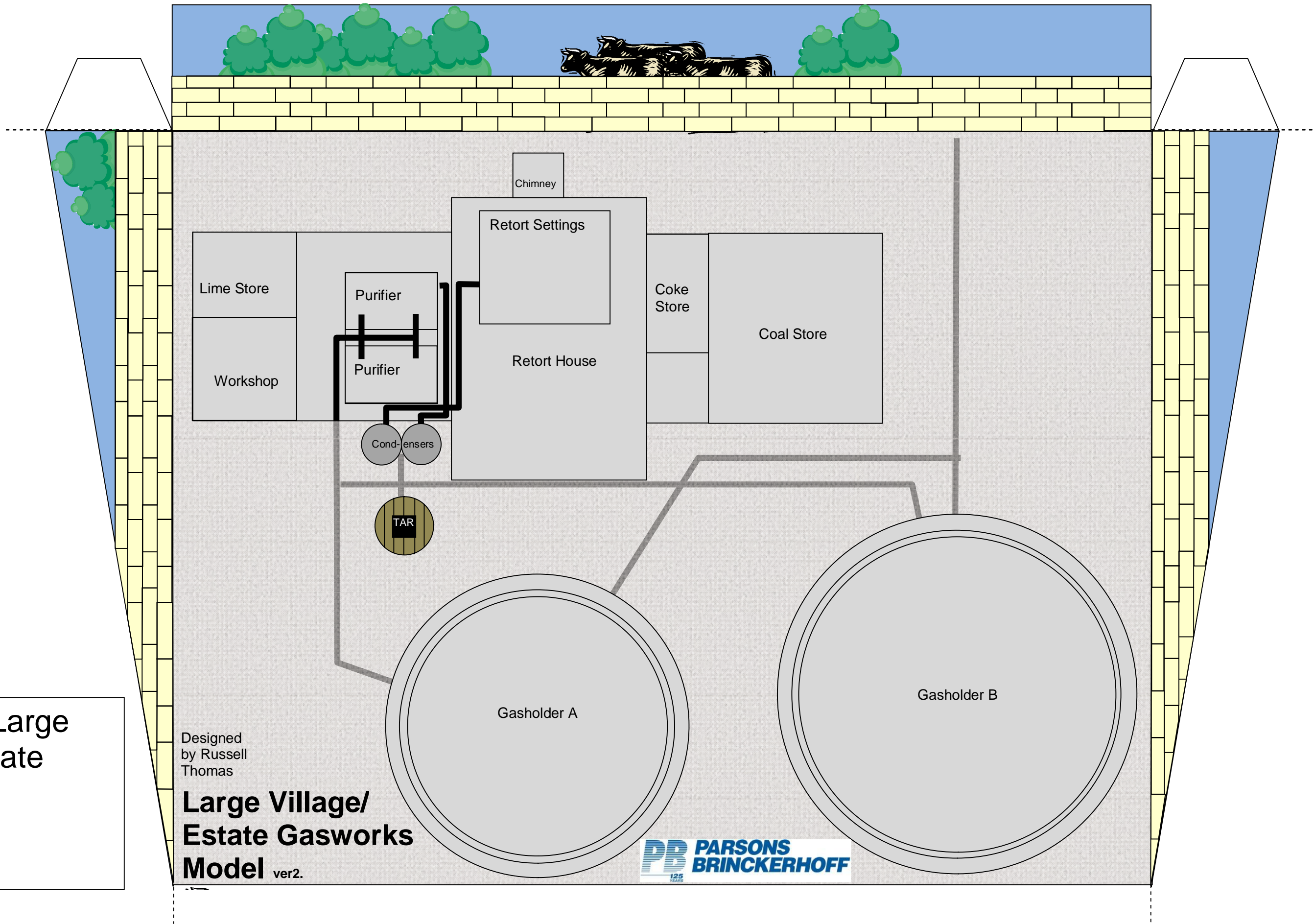
Gasholder roof B

Gasholder vessel wall B



- Instructions - Part 3.
6. Cut out louvered roof, fold glue and attach it to the retort house roof.
  7. Cut out the right and left wings of the gasworks, glue together to give small buildings with a pitched roof. Attach to gasworks base so that the angled roofs extend on to the retort house (there is flexibility here if you want to make it possible to remove either the roof or detach it from the base, so the Purifiers are visible).
  8. Please feel free to modify the gasworks to suite your own requirements.

This Gasworks model is one of a series created by Russell Thomas for use in educational and public engagement projects. This is a representation of a former gasworks which would have supplied a large country estate or village from the United Kingdom. It is a replica of an actual gasworks which supplied a Royal Estate. The creator of this model can be contacted at the following email address [thomasru@pbworld.com](mailto:thomasru@pbworld.com). For other models see <http://independent.academia.edu/RussellThomas/Teaching>.



Model 3: Large village/estate Gasworks – Base

Designed by Russell Thomas

**Large Village/ Estate Gasworks Model** ver2.

