

PRICE ONE SHILLING

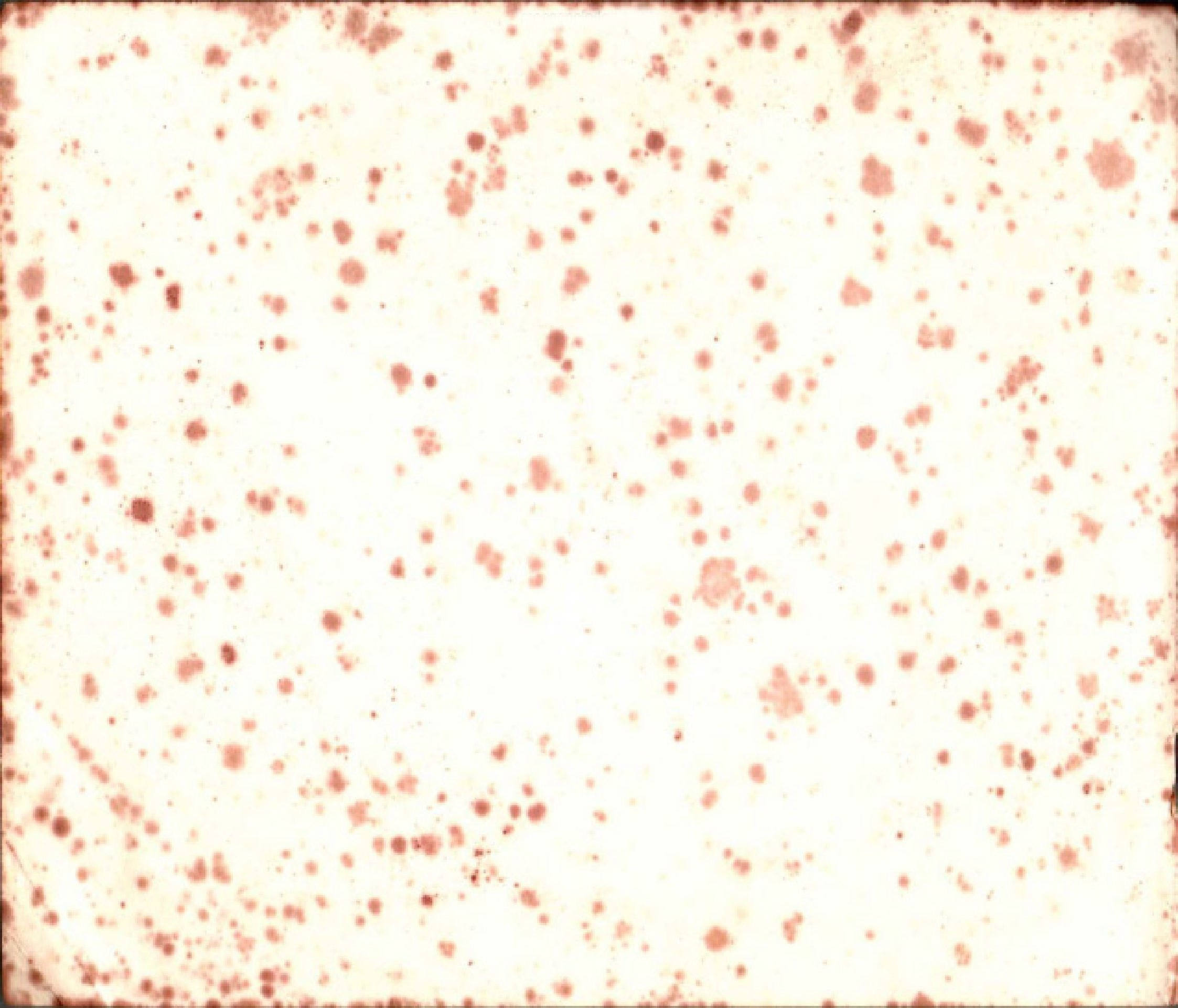
MINIBRIX

PATENTED

BOOK



THE COMPLETE BUILDING SYSTEM IN MINIATURE WITH *All-Rubber* BRICKS



MINIBRIX

PATENTED

A COMPLETE BUILDING SYSTEM

IN MINIATURE — WITH

ALL-RUBBER, SELF-LOCKING BRICKS



MINIBRIX sets consist of a complete assortment of rubber bricks and other materials, with which you can build any number of realistic models such as houses, cottages, bridges, railway and power stations, factories, castles, as well as famous buildings in miniature.

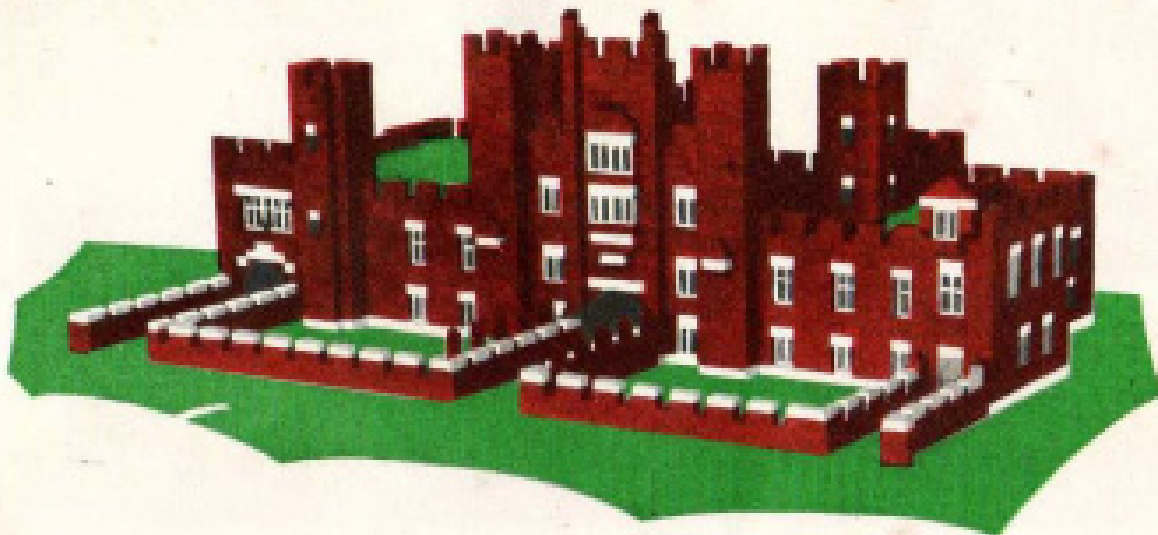
The rubber bricks are made in correct colours and proportions and are supplied in a variety of forms—whole bricks, half bricks, angle bricks, and lintels of different lengths, all of which fit together by means of the patent self-locking device.

You will see, on examining the bricks, that they have studs on one side and holes on the other. These comprise the self-locking device, for by simply pressing the studs of one brick into the holes of the next, the bricks hold together firmly, but can easily be taken apart. The lintels, which are used principally for foundations and for door and window sills, have holes on both sides. The tiny holes are for fitting the doors and windows.

But for building, other materials are needed (although many interesting models can be constructed with bricks alone), so there are also realistic roofs and miniature doors and windows which can be made to open and shut in the most life-like manner.

LARGER SETS

The larger sets, in addition, contain a number of specially designed parts which enormously increase the scope and realism of Minibrix models. These are the Corinthian pillars, for building columns like those found in front of such famous buildings as the Royal Exchange and British Museum, London, and the Madeleine in Paris; balustrade units for building the ornamental balconies which adorn many well-known buildings; and universal pins, which have a host of uses. All the above, together with special parts, are illustrated on page 5, and a complete list of the contents of the sets will be found on page 6.



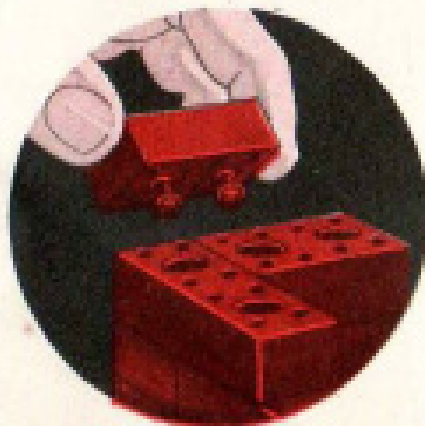
Hampton Court built entirely of Minibrix. This beautiful model, like those illustrated on the covers, on the opposite page and throughout this book, illustrates the limitless possibilities of Minibrix.

BUILDING WITH MINIBRIX

In this book there are coloured designs for over 100 interesting models to build. Ground plans and different views are shown, so that models can be easily constructed.

Before starting to build, turn to the special section on pages 7 and 8 which shows exactly how all the parts are fitted together. This will enable you to master thoroughly the principles of Minibrix construction.

Now look through the diagrams of the models that can be



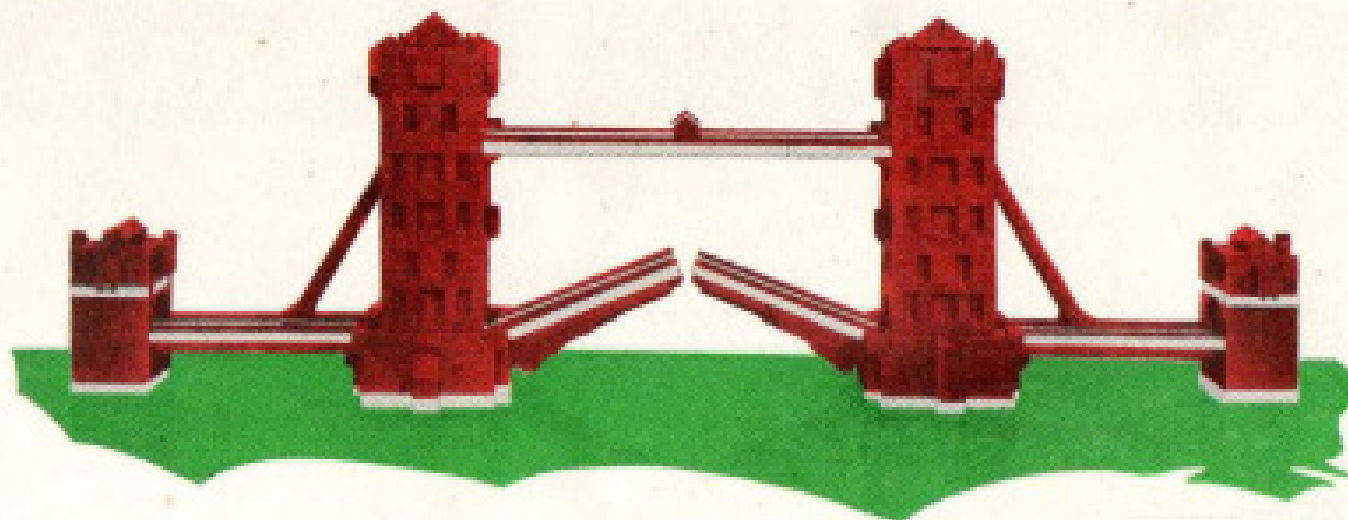
Showing how easily the all-rubber bricks fit together. Only the slightest pressure is required to make the studs go into the holes, yet they hold firmly and can be pulled apart without effort. This self-locking device is an exclusive Minibrix feature.

built with your set and decide which one you want to build. It is best to start with the simplest and then go on to the more complicated ones. Having chosen your model, count out the parts required to build it. Begin with the foundation, following the ground plan, and gradually work up course by course. If the model is to have doors and windows these can be fitted as you go along or they can be put in after the walls are completed. Above all, start with a firm foundation and the rest will follow easily.

When laying the bricks, get as strong a 'bond' as you can. That is, lay the bricks so that as far as possible the joint of the lower course comes below the centre of the brick above it. By observing this you will avoid the gaps which prevent your model from being as strong and rigid as it should be.

If you follow the diagram carefully, your model should be correct in every respect.

The famous Tower Bridge constructed with Minibrix. Minibrix lends itself perfectly to the modelling of actual buildings.



BUILDING LARGER MODELS

Having built all the models illustrated for your set and scores more of your own invention—for there is literally no limit to the number and variety of fine models that the clever builder can invent from his own ideas—you will certainly want to build the larger and more elaborate models. For this you will need an Accessory Set, which converts your present set into a larger one, as shown on page 4. You can also buy extra parts separately from your toy dealer.

REAL BUILDING IN MINIATURE

When you build with Minibrix, you are working along similar lines to real builders. Minibrix is architecturally correct, too, the models and diagrams having been drawn up under the supervision of Mr. W. A. T. Carter, A.R.I.B.A., the well-known architect.

Thus besides being a practical and fascinating pastime, Minibrix is also a real instructional hobby. It teaches the

rudiments of architecture and the elements of building, develops skill and inventiveness, and helps you to work out problems for yourself.

MINIBUILDERS' CLUB

Every owner of a Minibrix Set is entitled to free membership of Minibuilders' Club, with all its advantages and privileges. An application form is included with every set.

NOTE TO PARENTS

Minibrix is hygienic throughout. Being made of rubber the bricks cannot scratch furniture, and they cannot chip or break off. They are also washable. The windows and doors supplied with the sets are non-inflammable. In fact, the entire outfit is perfectly safe and may be placed in the hands of the youngest child with absolute confidence.

MINIBRIX SETS AND PRICES

Junior Set (5/-) has been withdrawn. All Junior models can be built with No. 1 and larger Sets.

No. 1 SET - - - BUILDS 54 MODELS

The No. 1 set contains a total of 147 parts and includes windows, doors and roofs in addition to bricks and lintels of all sizes. Among the many excellent models that can be built with this set are a grand-stand, a summer house, a large fireplace, a realistic model of the famous Albert Memorial, etc.

PRICE 7/6

(See pages 15-18)

No. 2 SET - - - BUILDS 71 MODELS

This popular set contains 195 Minibrix parts, including 3 roofs, enabling a vast range of models to be constructed, such as a signal-box for your model railway, churches, a barrack room, a fine ornamental footbridge, a cricket pavilion, and a variety of others.

PRICE 10/6

(See pages 19-24)

No. 3 SET - - - BUILDS 86 MODELS

With this set such interesting models as a pair of semi-detached houses, a tall water-tower, a set of level crossing gates and a railway halt, an inn, can be easily built. Contains 270 assorted Minibrix parts.

PRICE 15/-

(See pages 25-29)

No. 4 SET - - - BUILDS 96 MODELS

The lucky owner of a No. 4 Minibrix set receives no less than 432 parts, including balustrades and universal pins. With these he can construct a great number of large and elaborate models, including a fine inn, a farmhouse, a village church, a splendid viaduct, etc.

PRICE 21/-

(See pages 30-33)

No. 5 SET - - - BUILDS 104 MODELS

With this set Corinthian pillars and double angle bricks are included among the 641 parts, enabling the owner to build many more complicated and interesting models not possible with the smaller sets. Among these are a large waterworks, a manor-house, a forest fire station, a magnificent railway terminus, etc.

PRICE 30/-

(See pages 34-37)

No. 6 SET - - - BUILDS 112 MODELS

This is a set for an ambitious young builder. It contains 895 parts, including a large supply of Corinthian pillars, balustrades and other useful accessories with which to build such models as a large factory, a fine country residence, a cathedral, cinema, library, etc.

PRICE 42/-

(See pages 38-41)

No. 7 SET - - - BUILDS 116 MODELS

Another set for the boy who wants to build really 'super' models. This set contains no less than 1,375 Minibrix parts, enabling such models as a huge skyscraper, an opera house, modern flat building, etc., to be built. The possessor of this set can, in addition, build an endless variety of large, elaborate models of all kinds.

(See pages 42-45)

PRICE 63/-

DE LUXE COMBINATION SET

This consists of all the parts contained in No. 7 Minibrix Set and No. 3 Tudor Set (see special Tudor Book), together with a 14 in. by 21 in. base plate, housed in a magnificent solid oak polished cabinet with separate drawers for loose parts.

PRICE 7½ GNS.

MINIBRIX ACCESSORY SETS

With an Accessory Set you can convert your present set to a larger one, and so construct many larger models.

If your present Minibrix set is either '1' or '2,' the 'A' Accessory Set will enable you to build a far greater range of models than you can with your existing set.

By adding Accessory Set 'A' to No. 3 Minibrix Set, you will be able to build all models of No. 4; by adding 'B' to No. 4 you can build all models of No. 5; by adding 'C' to No. 5, you can build all No. 6 models; while 'D,' added to No. 6, enables you to build all the models of No. 7.

Prices of Minibrix Accessory Sets:

Set 'A' ...	6/6	Set 'C' ...	13/6
Set 'B' ...	10/-	Set 'D' ...	22/6

SPECIAL PARTS

The following special parts are not supplied with the sets, but can be obtained separately. Illustrations and details of these will be found on page 5, opposite.

ROOF No. 4. This is a larger-sized roof than those supplied in the above sets.

BASE PLATES. These provide a solid foundation for Minibrix models, and are a most useful accessory for every Minibrix owner. Made in green rubber with holes to take universal pins, or the bricks. Supplied in five sizes.

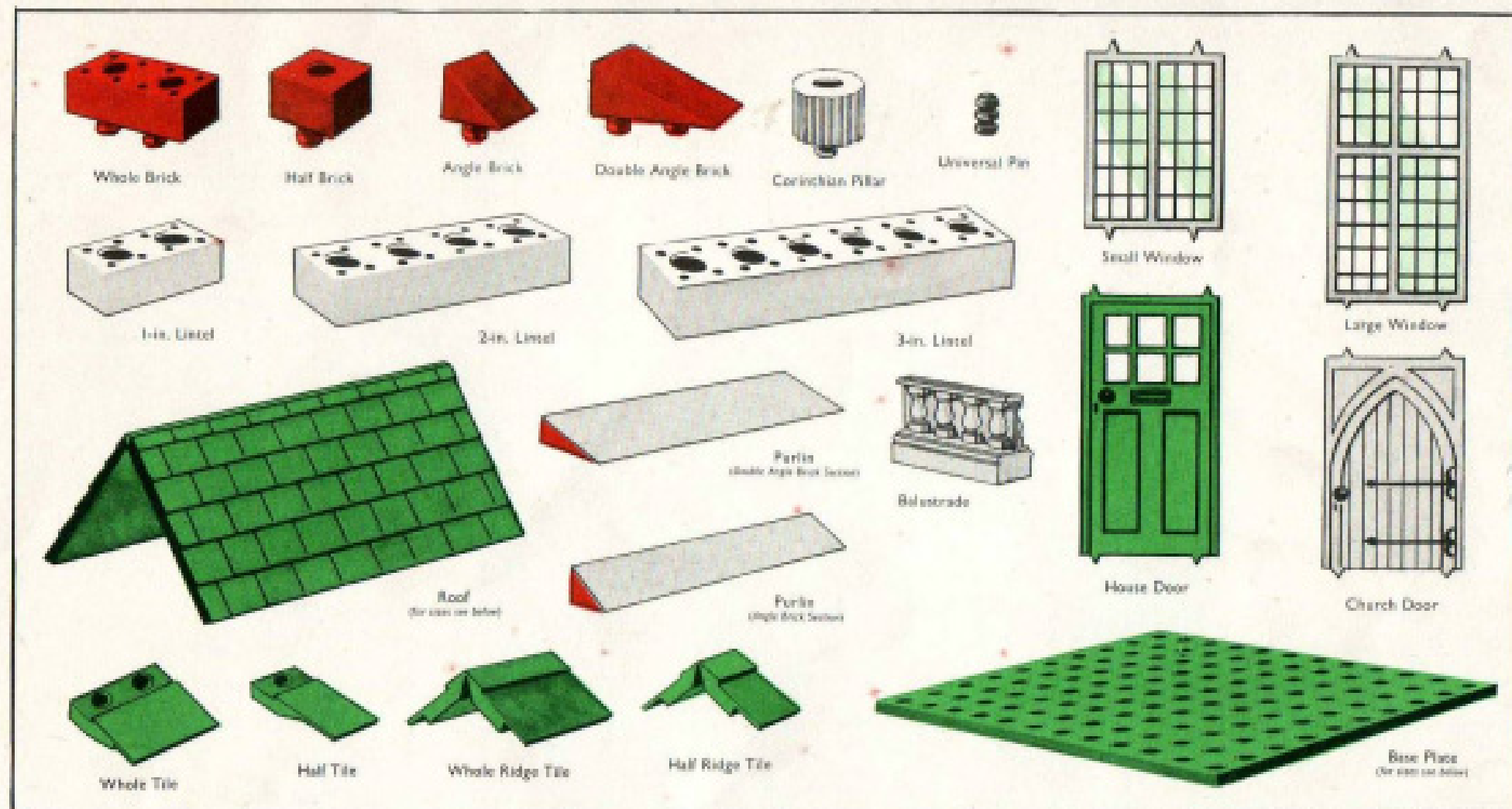
TILES. These are a special Minibrix feature and enable roofs of almost any size to be constructed. They are made of green rubber in four types, as shown on page 5 opposite, and are fitted together by means of the self-locking device similarly to the bricks.

PURLINS. These are wooden slats for use in conjunction with the tiles. They are made in two forms for use with angle and double angle bricks and in a variety of lengths. The ends are coloured to match the brickwork.

For method of fitting tiles and purlins see diagram on page 8.

For full list of contents of Minibrix Sets see page 6.

MINIBRIX PARTS AND PRICES



Description				s.	d.
Whole bricks	...	...	each	-	$\frac{1}{2}$
Half bricks	...	...	3 for	-	1
Angle bricks	...	...	"	-	1
Double angle bricks	...	...	each	-	$\frac{1}{2}$
1-in. lintels	...	...	"	-	$\frac{1}{2}$
2-in. lintels	...	...	"	-	1
3-in. lintels	...	...	"	-	$1\frac{1}{2}$
Corinthian pillars	...	...	"	-	$\frac{1}{2}$
Balustrades	...	...	"	-	2
Universal pins	...	...	6 for	-	1

Description				s.	d.
Roofs—					
No. 1—	$4\frac{1}{2} \times 4\frac{1}{2}$ in.	...	each	-	3
No. 2—	$5\frac{1}{2} \times 5\frac{1}{2}$ in.	...	"	-	4
No. 3—	$7\frac{1}{8} \times 4\frac{1}{2}$ in.	...	"	-	5
No. 4—	$6 \times 9\frac{1}{2}$ in.	...	"	-	10
Full tiles	...	...	"	-	$\frac{1}{2}$
Half tiles	...	...	3 for	-	1
Full ridge tiles	...	...	2 for	-	$1\frac{1}{2}$
Half ridge tiles	...	...	each	-	$\frac{1}{2}$
Purlins (Angle and Double Angle Sections)—					
4 in., 5 in., and 6 in.	...	...	each	-	1
8 in., 10 in., 12 in. and 14 in.	...	...	"	-	$1\frac{1}{2}$

Description				s.	d.
Base plates—					
5 x 6 in.	...	...	each	-	10
5 x 7 in.	...	...	"	-	13
8 x 12 in.	...	...	"	-	30
12 x 18 in.	...	...	"	-	60
14 x 21 in.	...	...	"	-	80
House doors	...	...	"	-	3
Church doors	...	...	"	-	4
Small windows	...	...	"	-	2
Large windows	...	...	"	-	$2\frac{1}{2}$
Minibrix Book	...	...	"	-	10

CONTENTS OF MINIBRIX SETS

Name of Part	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Set 7	Accessory Sets				Name of Part
								'A'	'B'	'C'	'D'	
Whole bricks	78	108	133	200	314	462	765	67	116	148	315	Whole bricks
Half bricks	26	36	52	78	103	130	175	26	26	46	60	Half bricks
Angle bricks	24	24	32	48	60	74	110	16	16	16	50	Angle bricks
Double angle bricks	—	—	—	—	16	23	34	—	16	7	11	Double angle bricks
1-in. Lintels	6	8	10	14	18	18	28	5	5	2	10	1-in. Lintels
2-in. Lintels	8	8	18	24	29	40	60	9	9	18	20	2-in. Lintels
3-in. Lintels	—	2	10	13	15	19	33	5	5	5	15	3-in. Lintels
Balustrades	—	—	—	4	4	10	14	4	—	6	4	Balustrades
Corinthian pillars	—	—	—	—	20	32	40	—	20	12	8	Corinthian pillars
Universal pins	—	—	—	36	42	60	84	36	6	18	24	Universal pins
House doors	1	1	2	2	2	3	3	—	—	1	—	House doors
Church doors	—	1	2	2	2	2	2	—	—	—	—	Church doors
Small windows	2	2	4	4	6	6	6	—	2	—	—	Small windows
Large windows	—	2	4	4	6	10	12	—	2	4	2	Large windows
Roof No. 1	1	1	1	1	1	1	2	—	—	—	1	Roof No. 1
Roof No. 2	1	1	1	1	1	2	3	—	—	1	1	Roof No. 2
Roof No. 3	—	1	1	1	2	3	4	—	1	1	1	Roof No. 3
Minibrix Book	1	1	1	1	1	1	1	—	—	—	—	Minibrix Book
Folder	—	—	—	—	—	—	—	—	—	—	—	Folder
TOTAL	148	196	271	433	642	896	1376	168	224	285	522	TOTAL

MINIBRIX

CONSTRUCTIONAL DETAILS

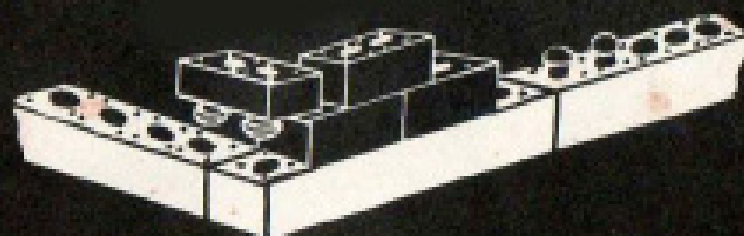


Fig. 1—The commencement of foundations. Universal pins are seen in a lintel on the right.

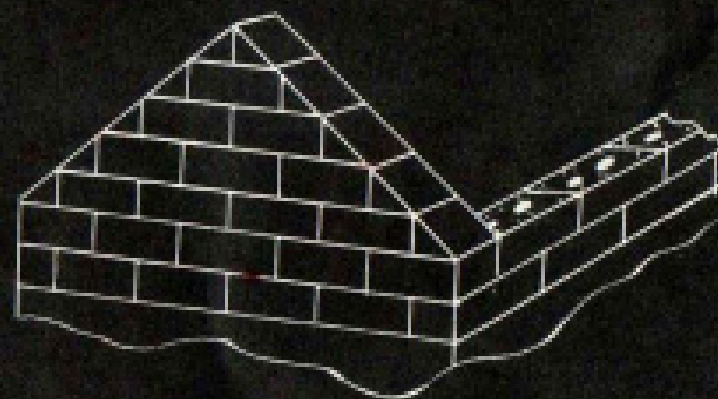
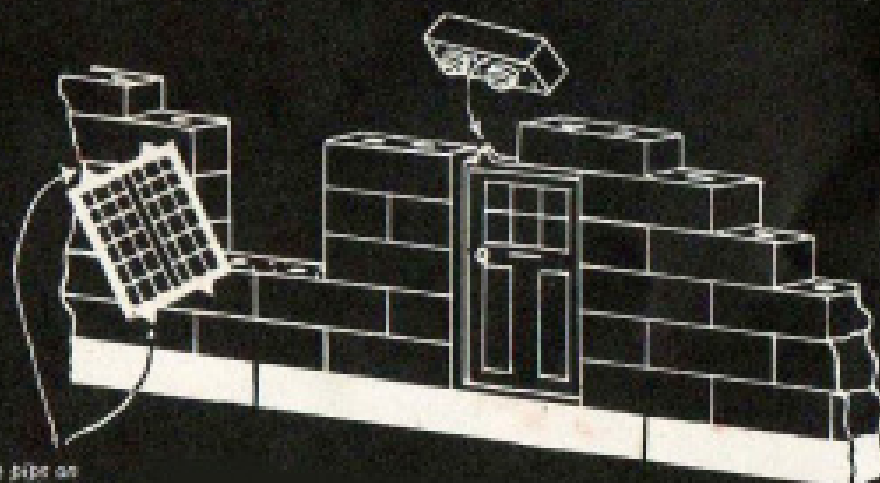


Fig. 2—Arrangement of bricks for a gable end. The ready-made roof is placed directly over this.



These pips on window (and door) to be cut off if it is to open and shut.

Fig. 3—How doors and windows are fitted. The little pips on doors and windows fit into the small holes in the bricks.

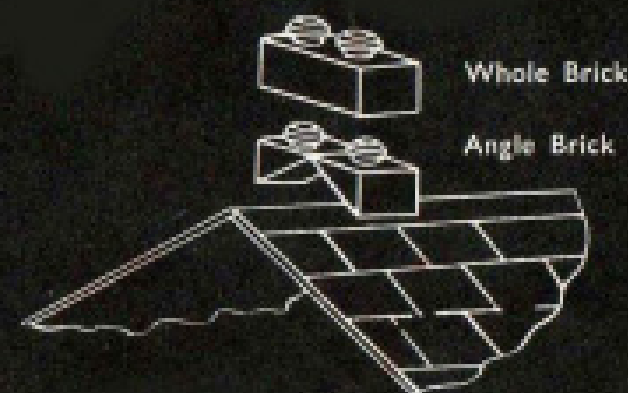


Fig. 4—How chimney is assembled. Complete chimney rests on angle of roof. In some cases the chimney may be topped by a lintel; where this is not done, the upturned studs represent chimney-pots.

CONSTRUCTIONAL DETAILS—continued

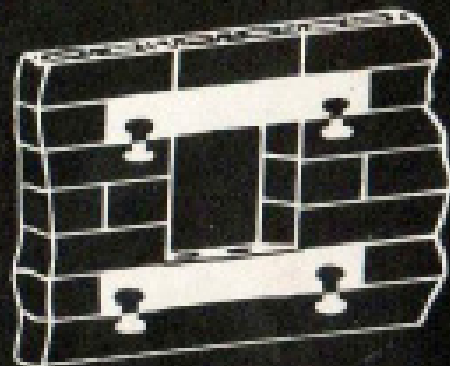


Fig. 5—How the universal pins are used with lintels to make window sills and ledge.

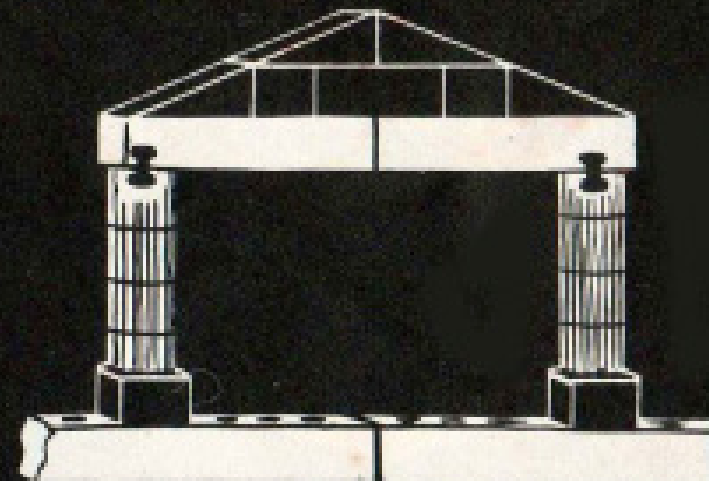


Fig. 6—Shows the construction of a simple portico, using double angle bricks, Corinthian pillars and universal pins.

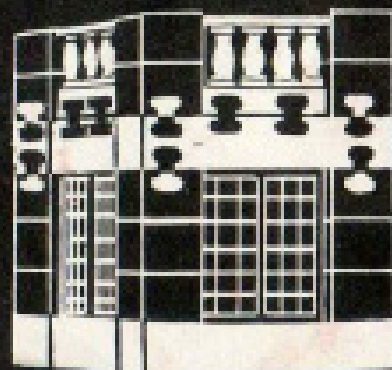


Fig. 7—A small balcony over a window. The balustrades are attached to the lintels by means of universal pins.

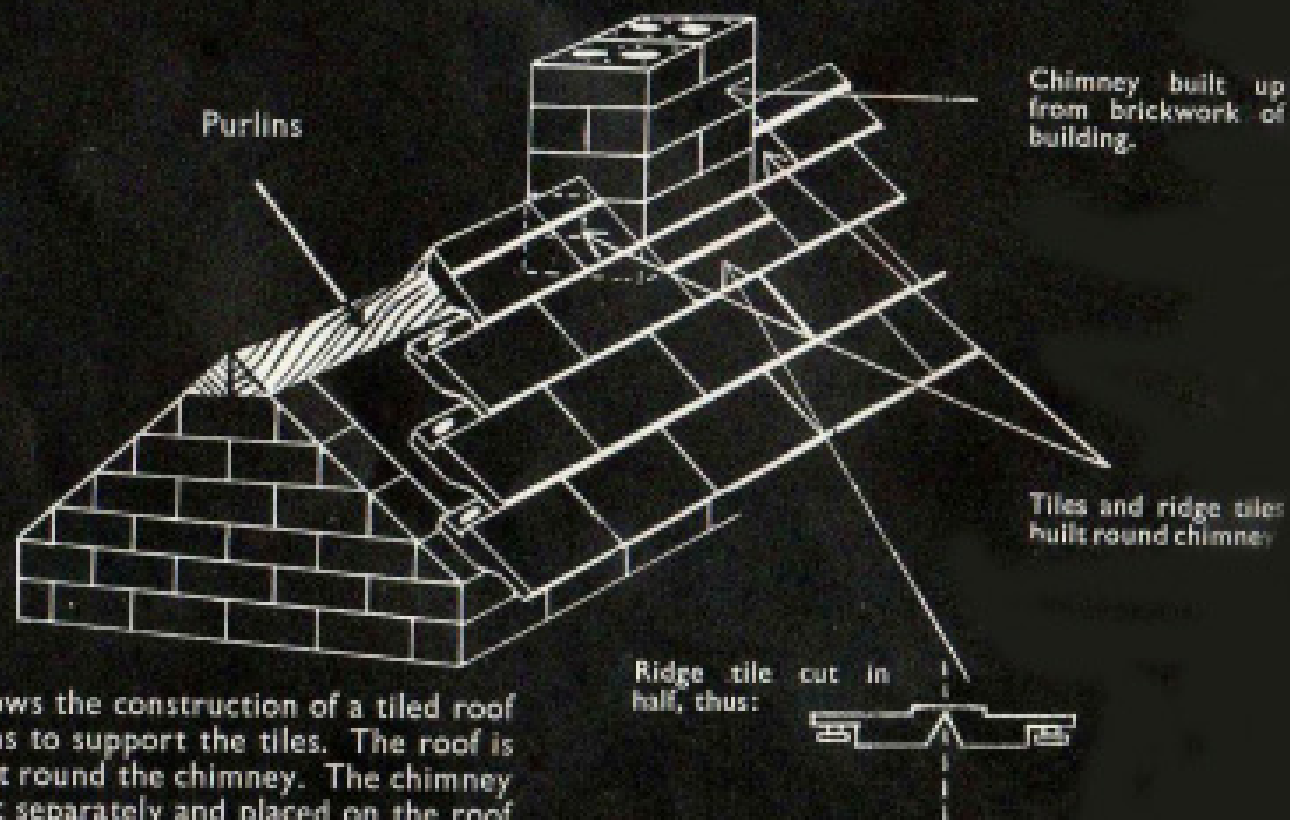
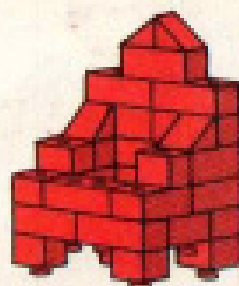


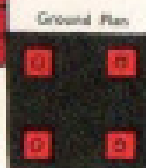
Fig. 8—Shows the construction of a tiled roof with purlins to support the tiles. The roof is shown built round the chimney. The chimney is not built separately and placed on the roof after assembly, as is the case with whole roofs (as in Fig. 4), but is built up from the brickwork of the building.

MODELS BUILT WITH JUNIOR SET



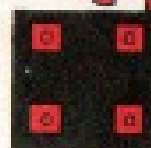
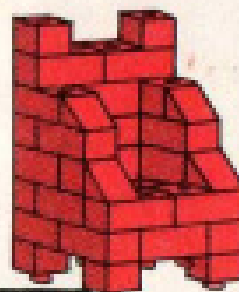
**MODEL J/1
ARMCHAIR**

Parts required:
20 Whole bricks
6 Half bricks
4 Angle bricks



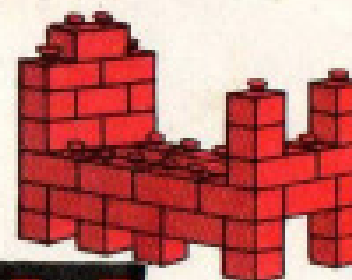
**MODEL J/2
HIGH-BACKED
CHAIR**

Parts required:
24 Whole bricks
8 Half bricks
4 Angle bricks

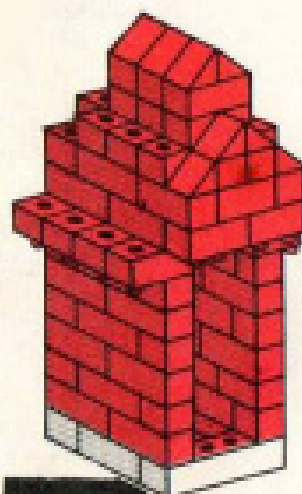


**MODEL J/3
BED**

Parts required:
24 Whole bricks
18 Half bricks

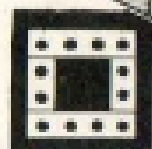


NOTE
In order to simplify
the diagrams, the small
holes for doors and
windows are omitted.

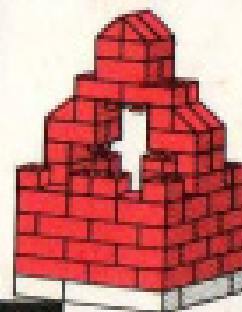


**MODEL J/4
SENTRY-BOX**

Parts required:
62 Whole bricks
18 Half bricks
10 Angle bricks
2 1-in. lintels
2 2-in. lintels

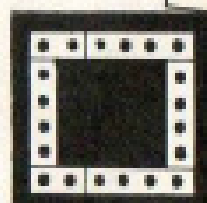


Ground Plan



**MODEL J/5
WELL**

Parts required:
56 Whole bricks
12 Half bricks
8 Angle bricks
2 1-in. lintels
4 2-in. lintels

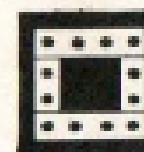


Ground Plan

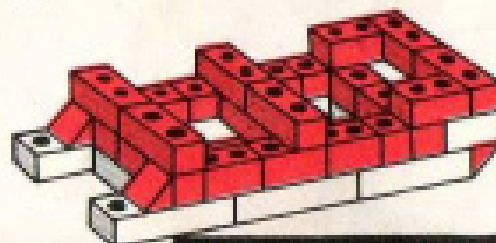


**MODEL J/6
BIRD BATH**

Parts required:
52 Whole bricks
2 1-in. lintels
2 2-in. lintels

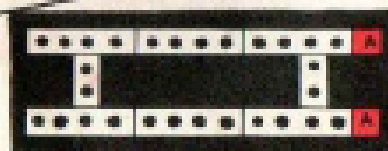


Ground Plan

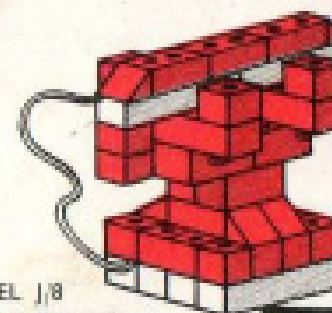


**MODEL J/7
TOBOGGAN**

Parts required:
19 Whole bricks
2 Half bricks
4 Angle bricks
4 1-in. lintels
6 2-in. lintels



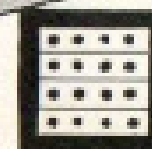
Ground Plan. "A" represents Angle bricks



**MODEL J/8
HAND TELEPHONE**

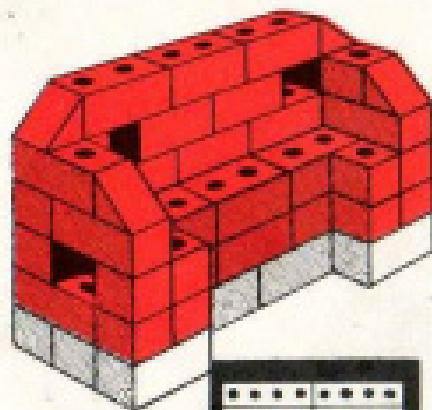
Parts required:
21 Whole bricks
11 Half bricks
6 Angle bricks
6 2-in. lintels

NOTE—The handset should be built separately and placed on the base. The cord is represented by a piece of coloured twine wedged between the bricks.



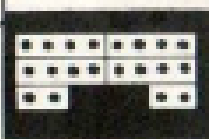
Ground Plan

MODELS BUILT WITH JUNIOR SET

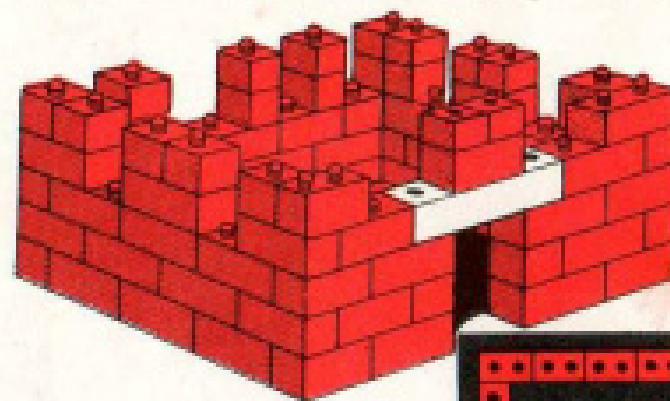


MODEL J/9
RUSTIC SEAT

Parts required:
27 Whole bricks
10 Half bricks
4 Angle bricks
2 1-in. linels
4 2-in. linels

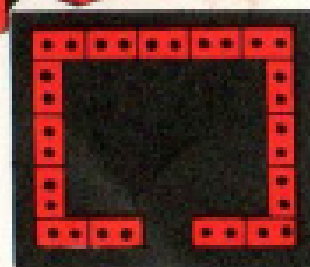


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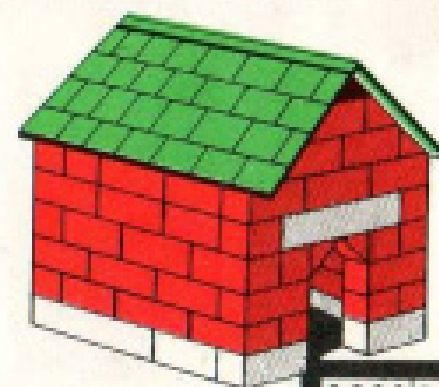


MODEL J/10 FORT

Parts required:
55 Whole bricks
20 Half bricks
1 2-in. linel

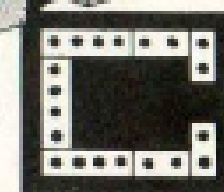


Ground Plan

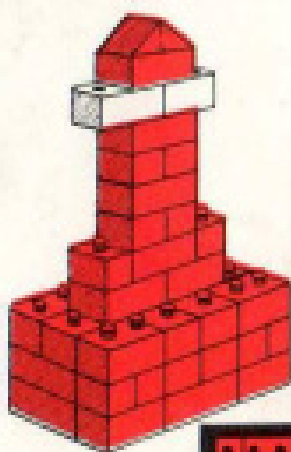


MODEL J/11
DOG KENNEL

Parts required:
52 Whole bricks
8 Half bricks
10 Angle bricks
4 1-in. linels
3 2-in. linels
1 Roof No. 1



Ground Plan

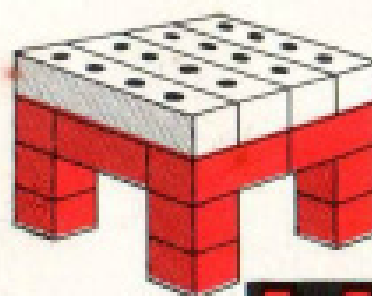


MODEL J/12
MARKET CROSS

Parts required:
30 Whole bricks
13 Half bricks
2 Angle bricks
2 1-in. linels

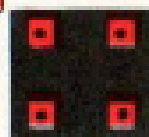


Ground Plan

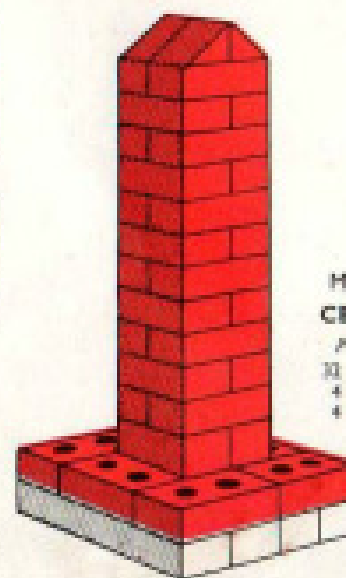


MODEL J/13
TABLE

Parts required:
8 Whole bricks
8 Half bricks
4 2-in. linels

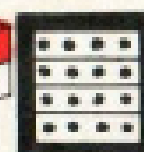


Ground Plan

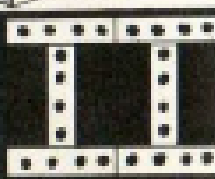
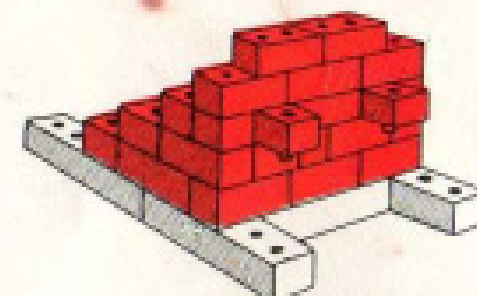


MODEL J/14
CENOTAPH

Parts required:
32 Whole bricks
4 Angle bricks
4 2-in. linels



Ground Plan

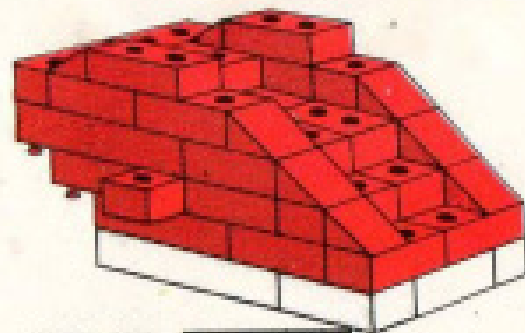


Ground Plan

MODEL J/15
BUFFER STOP

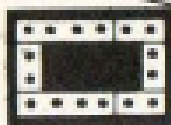
Parts required:
12 Whole bricks
4 Half bricks
6 2-in. linels

MODELS BUILT WITH JUNIOR SET

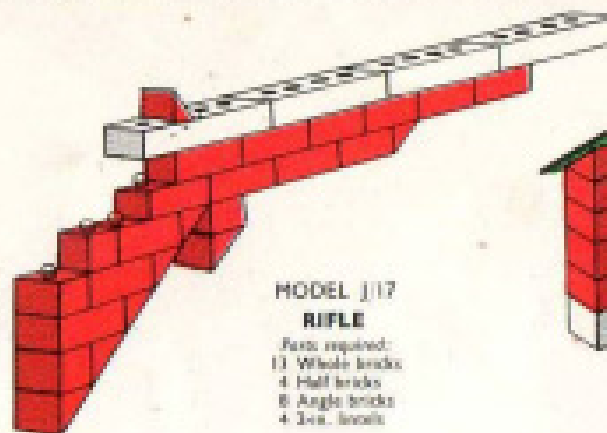


MODEL J/16
BABY TANK

Parts required:
26 Whole bricks
2 Half bricks
8 Angle bricks
4 1-in. linels
4 2-in. linels

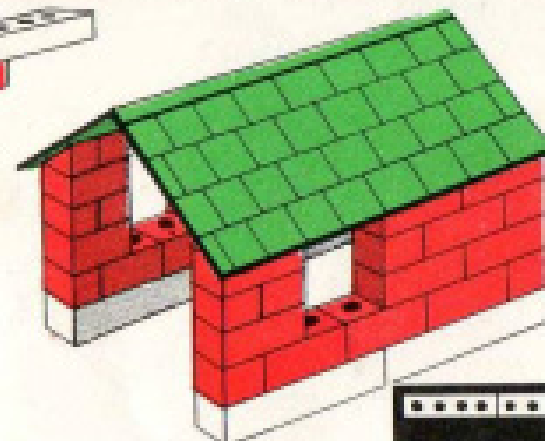


Ground Plan



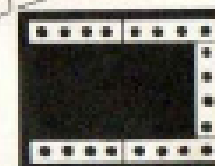
MODEL J/17
RIFLE

Parts required:
13 Whole bricks
4 Half bricks
8 Angle bricks
4 2-in. linels

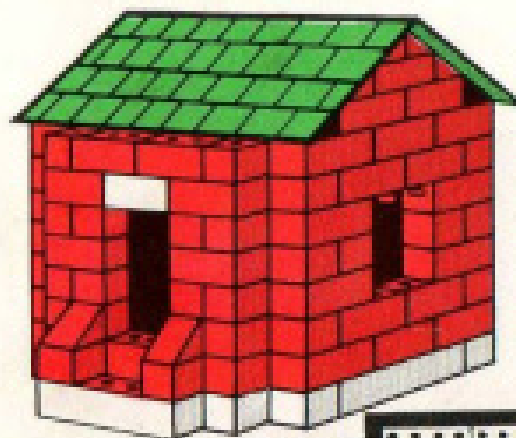


MODEL J/18
GARAGE

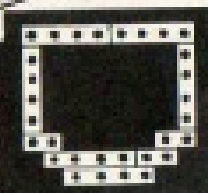
Parts required:
11 Whole bricks 10 Angle bricks
12 Half bricks 5 2-in. linels
1 Roof No. 1



Ground Plan



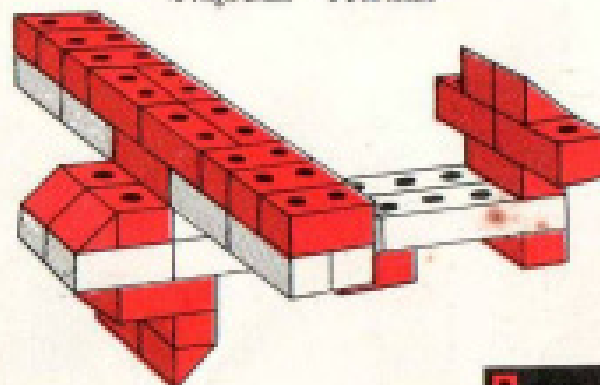
Back view of Pavilion



Ground Plan

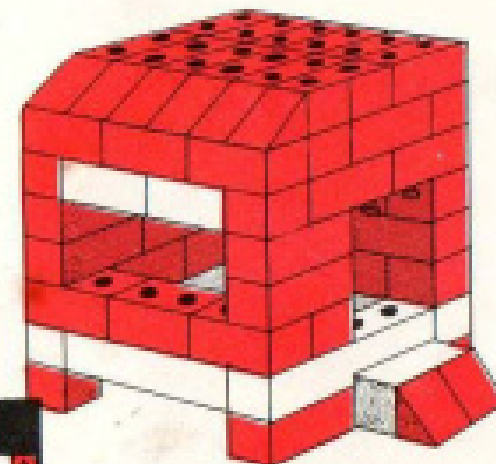
MODEL J/19
PAVILION

Parts required:
73 Whole bricks 4 1-in. linels
16 Half bricks 6 2-in. linels
10 Angle bricks 1 Roof No. 1



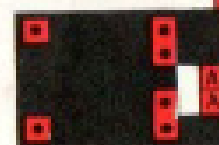
MODEL J/20
AEROPLANE

Parts required:
24 Whole bricks 8 1-in. linels
8 Angle bricks 6 2-in. linels



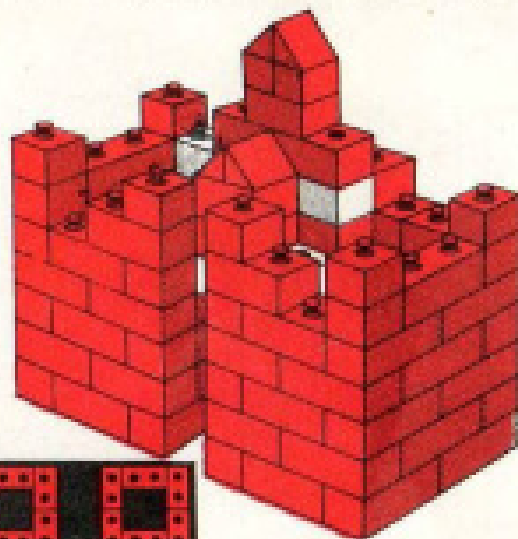
MODEL J/21
CHICKEN COOP

Parts required:
53 Whole bricks 8 Angle bricks
18 Half bricks 4 1-in. linels
6 2-in. linels



Ground Plan
= 4 1-in. linels Angle Bricks

MODELS BUILT WITH JUNIOR SET



Ground Plan

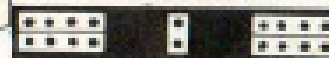
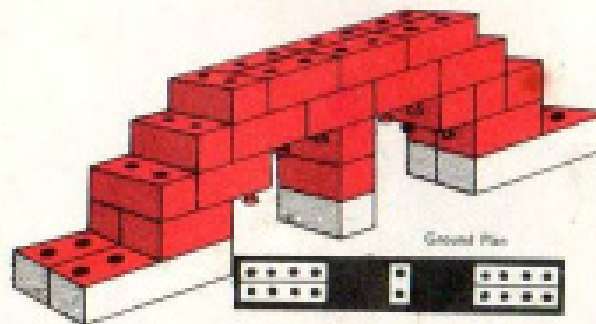
MODEL J/32 CASTLE GATE

Parts required:
78 Whole bricks
16 Half bricks
4 Angle bricks
2 2-in. bricks

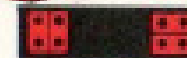
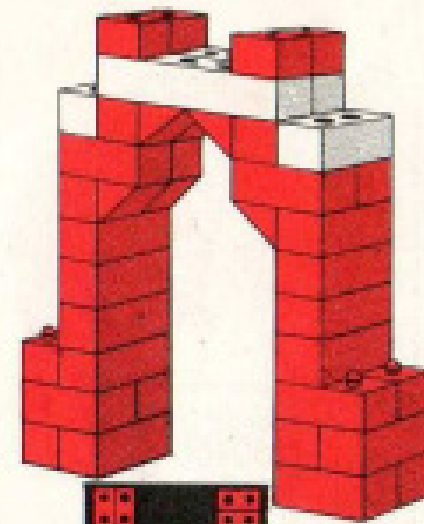
MODEL J/33

FOOTBRIDGE

Parts required:
28 Whole bricks
1 1-in. brick
4 2-in. bricks



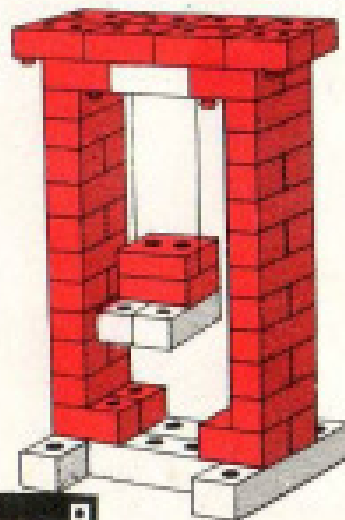
Ground Plan



Ground Plan

MODEL J/34 ARCHWAY

Parts required:
26 Whole bricks
4 Half bricks
8 Angle bricks
1 1-in. brick
2 2-in. bricks

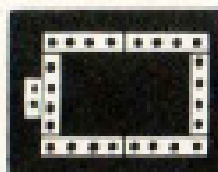
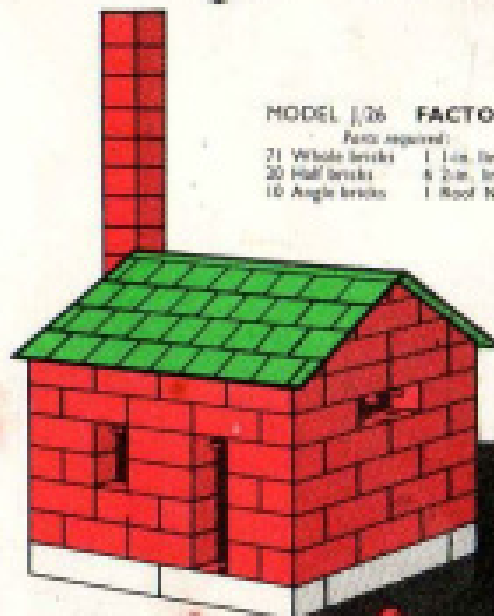


Ground Plan

MODEL J/25 SWING

Parts required:
24 Whole bricks
4 1-in. bricks
16 Half bricks
4 2-in. bricks

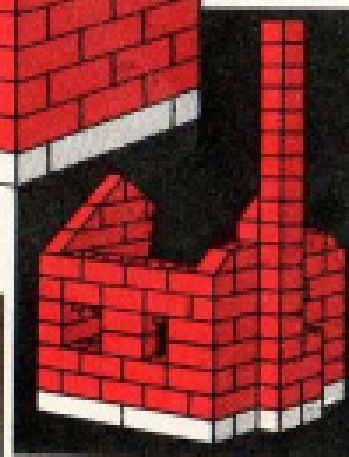
NOTE:—The seat is attached to the structure by means of a piece of string which should be tied to the ends of the bricks.



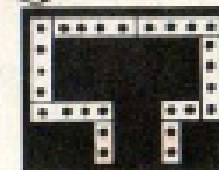
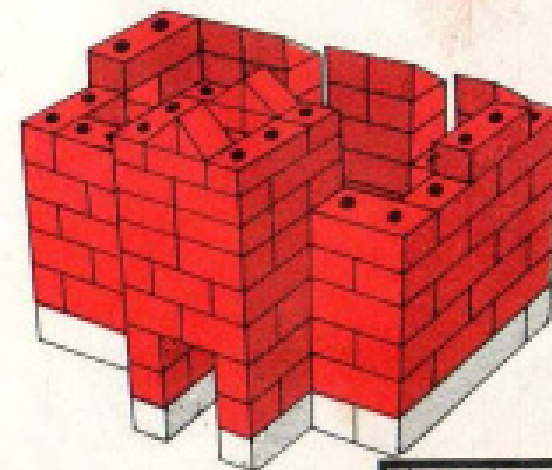
Ground Plan

MODEL J/36 FACTORY

Parts required:
71 Whole bricks
20 Half bricks
10 Angle bricks
1 1-in. brick
8 2-in. bricks
1 Roof No. 1



Back view of Factory

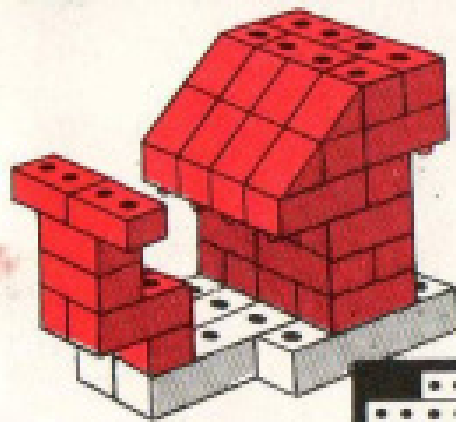


Ground Plan

MODEL J/37 FORTRESS

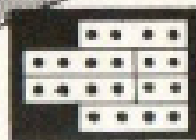
Parts required:
71 Whole bricks
18 Half bricks
9 Angle bricks
3 1-in. bricks
5 2-in. bricks

MODELS BUILT WITH JUNIOR SET

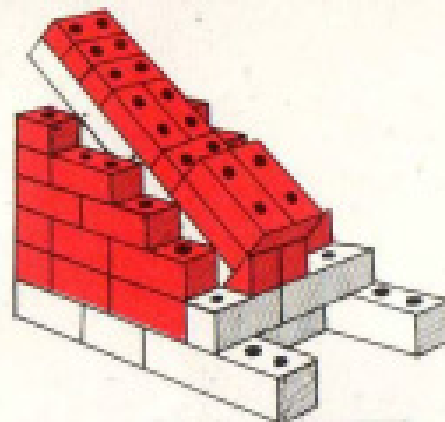


**MODEL J/28
SCHOOL DESK**

Parts required:
33 Whole bricks
4 Half bricks
8 Angle bricks
2 1-in. linels
4 3-in. linels

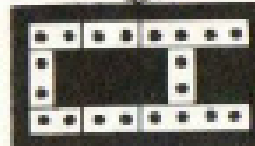


Ground Plan



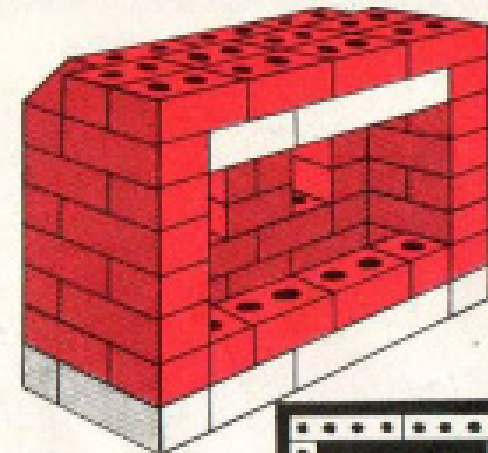
**MODEL J/29
SIEGE GUN**

Parts required:
32 Whole bricks
4 Half bricks
4 Angle bricks
6 1-in. linels
6 3-in. linels



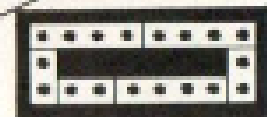
Ground Plan

NOTE—The barrel should be built separately and laid on the base. The front of the barrel rests on two angle bricks in exactly the same manner as at the back.

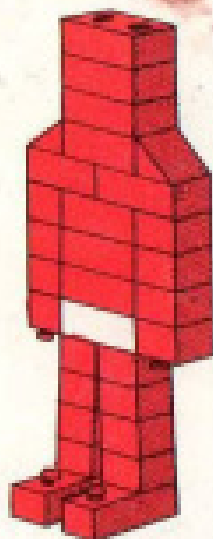


**MODEL J/30
SHELTER**

Parts required:
40 Whole bricks
14 Half bricks
4 Angle bricks
5 1-in. linels
5 3-in. linels

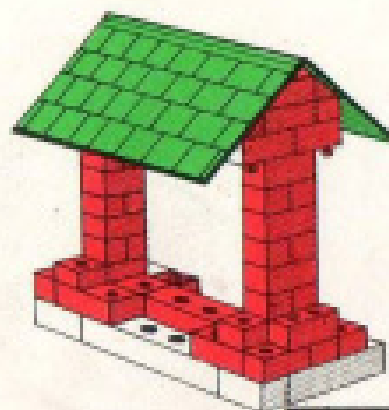


Ground Plan



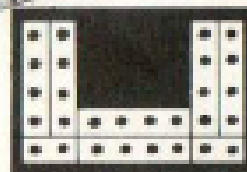
**MODEL J/31
DIVER**

Parts required:
11 Whole bricks
16 Half bricks
1 1-in. linel

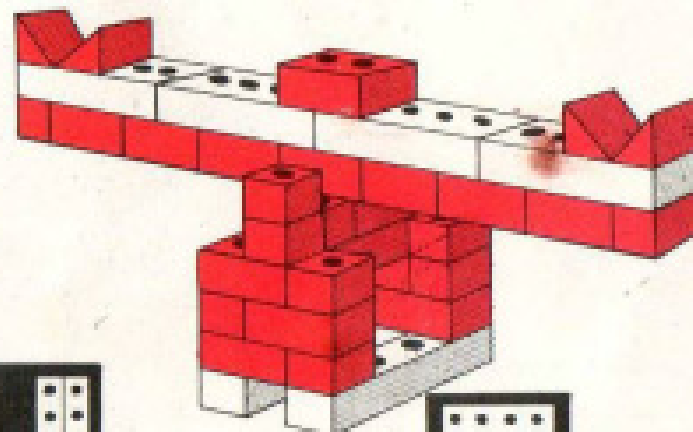


MODEL J/32 LYCH GATE

Parts required:
29 Whole bricks 8 Angle bricks
18 Half bricks 2 1-in. linels
6 3-in. linels



Ground Plan



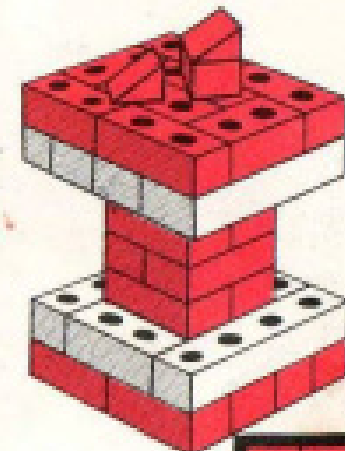
**MODEL J/33
SEE-SAW**

Parts required:
16 Whole bricks
10 Half bricks
4 Angle bricks
6 3-in. linels



Ground Plan

NOTE—The cross-bar should be built separately from the base and laid on it so that it can swing freely.



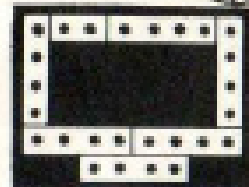
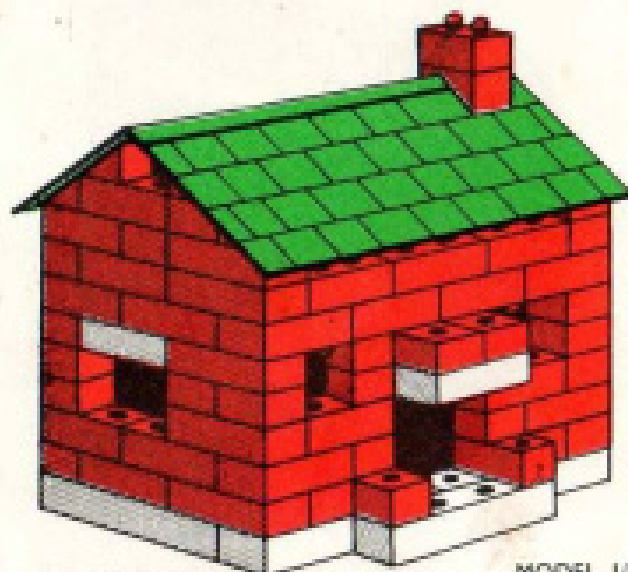
**MODEL J/34
SUN-DIAL**

Parts required:
18 Whole bricks
1 Half brick
2 Angle bricks
2 1-in. linels
6 3-in. linels



Ground Plan

MODELS BUILT WITH JUNIOR SET



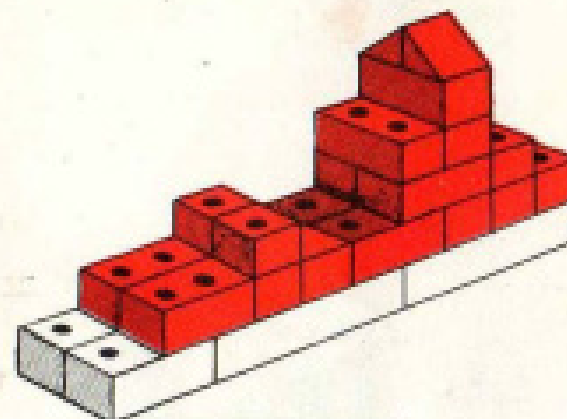
Ground Plan

MODEL J/35

HOUSE

Parts required:
66 Whole bricks
19 Half bricks
10 Angle bricks
4 1-in. tiles
6 2-in. tiles
1 Roof No. 1

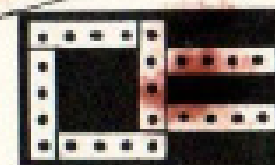
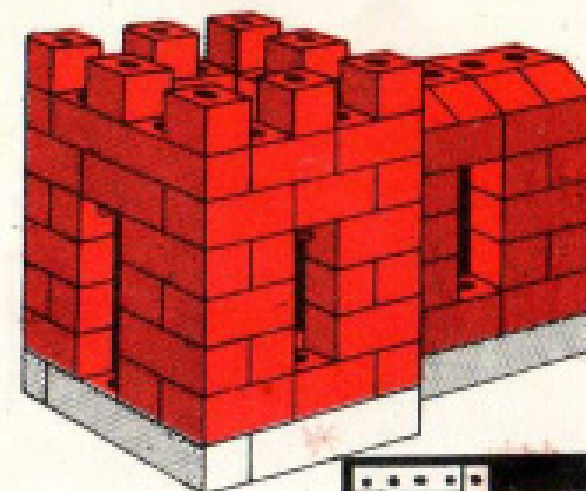
NOTE — Back side walls have one window and a small half brick "light" under the eaves.



Ground Plan

MODEL J/36 SUBMARINE

Parts required:
15 Whole bricks
2 Half bricks
4 Angle bricks
2 1-in. tiles
4 2-in. tiles

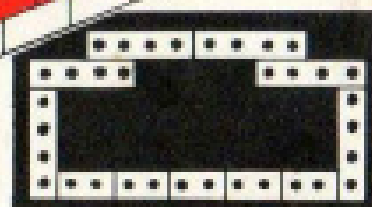
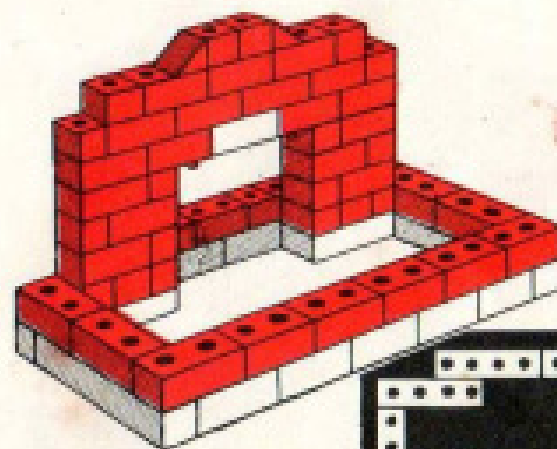


Ground Plan

MODEL J/37 CHURCH

Parts required:
57 Whole bricks
21 Half bricks
8 Angle bricks
2 1-in. tiles
6 2-in. tiles

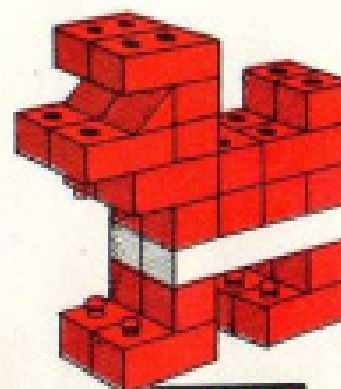
NOTE — There is a window in the back of the tower.



Ground Plan

MODEL J/38 FIREPLACE

Parts required:
32 Whole bricks
16 Half bricks
3 Angle bricks
6 1-in. tiles
6 2-in. tiles

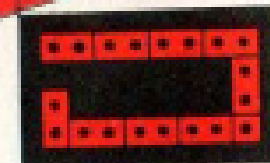
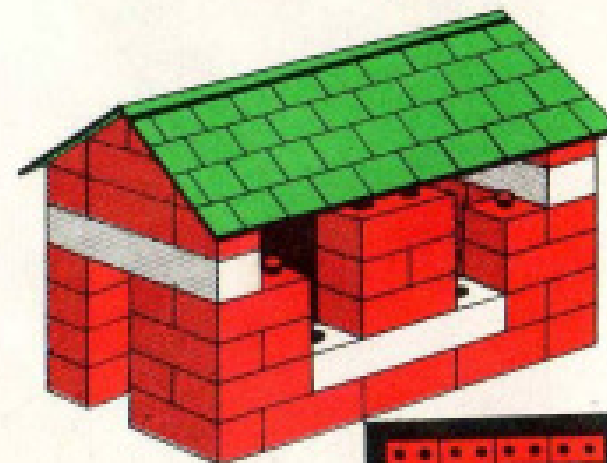


Ground Plan

MODEL J/39

DOG

Parts required:
18 Whole bricks
8 Half bricks
2 Angle bricks
2 2-in. tiles

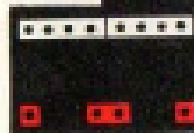
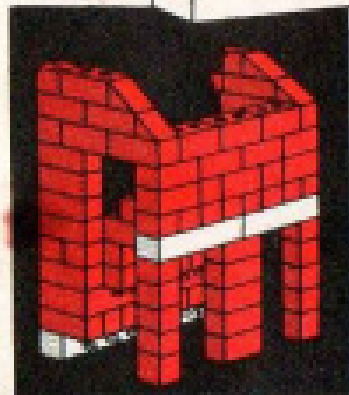
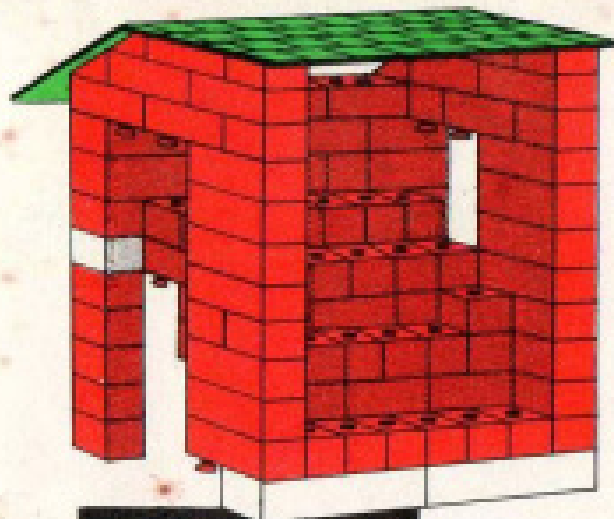


Ground Plan

MODEL J/40 STABLES

Parts required:
38 Whole bricks
11 Half bricks
8 Angle bricks
1 1-in. tile
4 2-in. tiles
1 Roof No. 1

MODELS BUILT WITH No. 1 SET



Ground Plan

Back view of Grandstand

MODEL 1/2 (above) GRANDSTAND

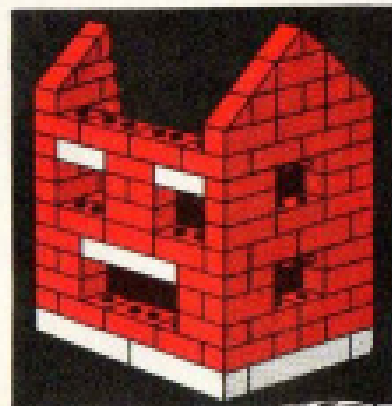
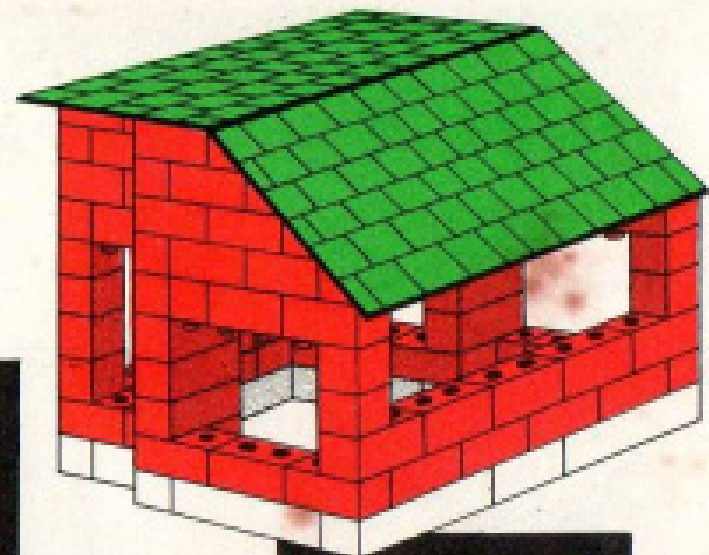
Parts required:
21 Whole bricks
18 Half bricks
4 Angle bricks
4 2-in. bricks
1 Roof No. 1

NOTE

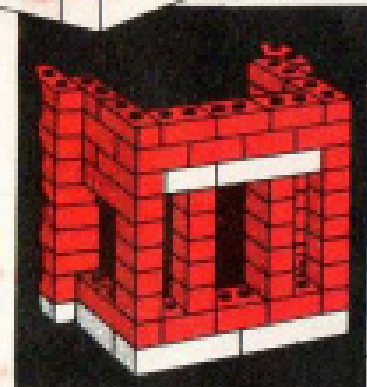
In order to simplify the diagrams, the small holes for doors and windows are omitted.

MODEL 1/1 (right) SUMMER HOUSE

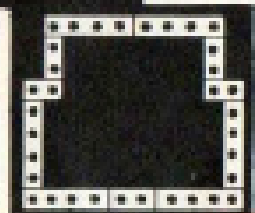
Parts required:
69 Whole bricks
36 Half bricks
8 Angle bricks
4 1-in. bricks
7 2-in. bricks
1 Roof No. 2



Back view of House



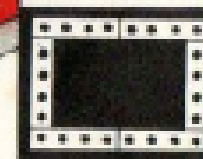
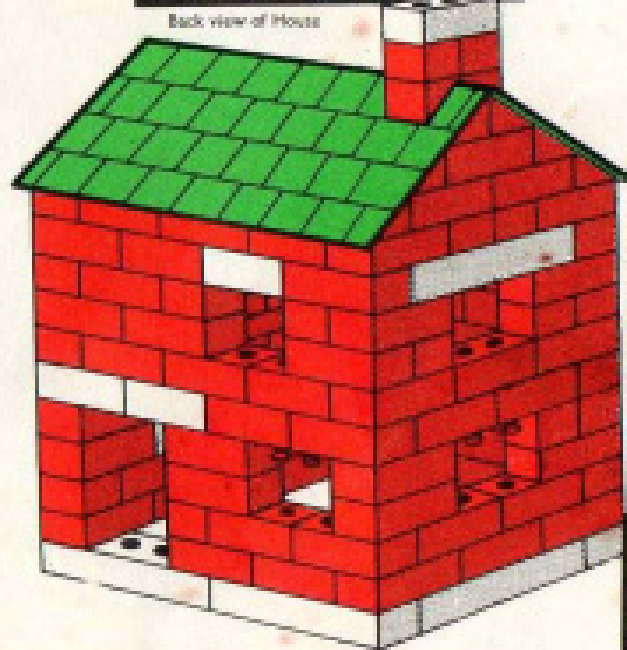
Back view of Summer House



Ground Plan

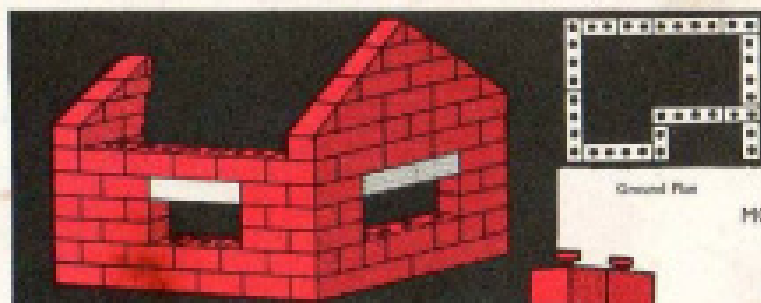
MODEL 1/3 (left) HOUSE

Parts required:
70 Whole bricks
36 Half bricks
8 Angle bricks
4 1-in. bricks
8 2-in. bricks
1 Roof No. 1



Ground Plan

MODELS BUILT WITH No. 1 SET

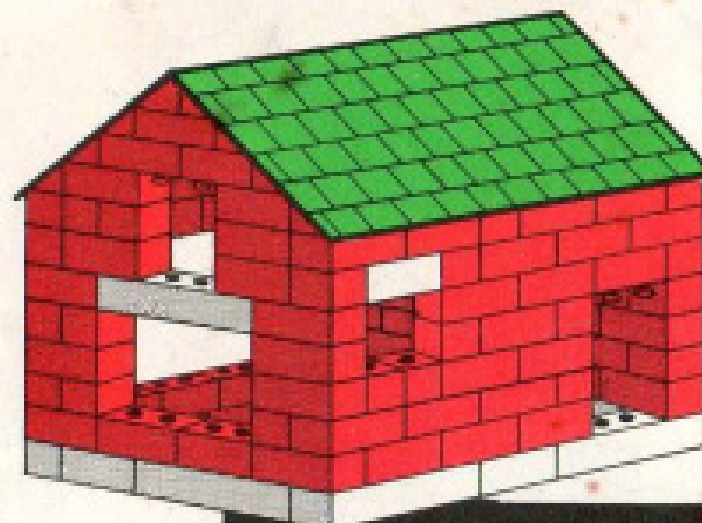
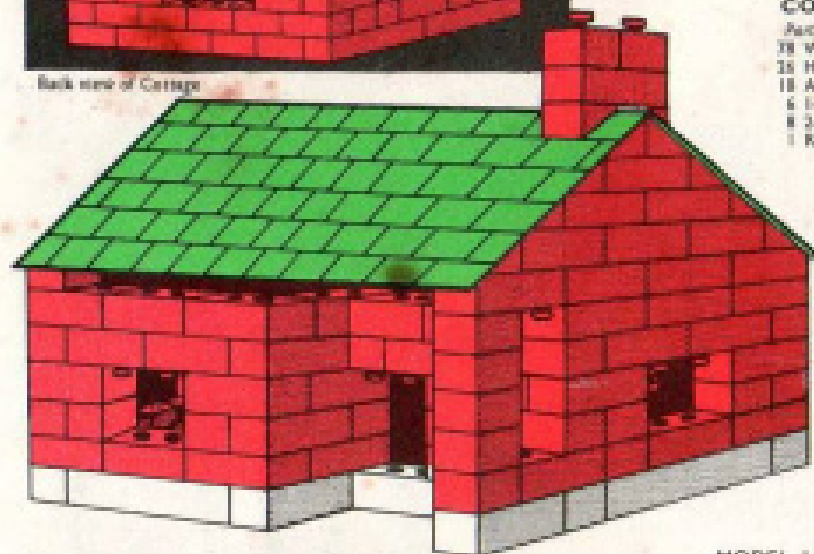


Back view of Cottage

Ground Plan

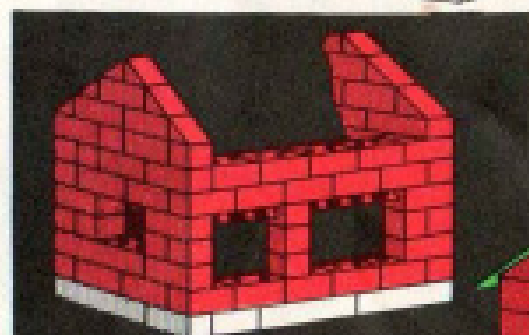
MODEL 1/4 (left) COTTAGE

Parts required:
 38 Whole bricks
 16 Half bricks
 18 Angle bricks
 6 1-in. linels
 8 2-in. linels
 1 Roof No. 2

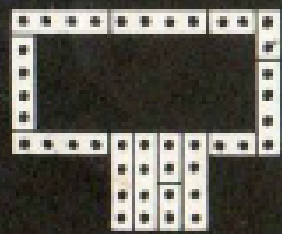


MODEL 1/5 PAVILION (below)

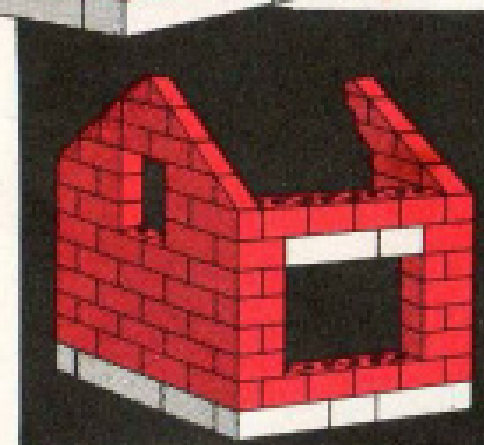
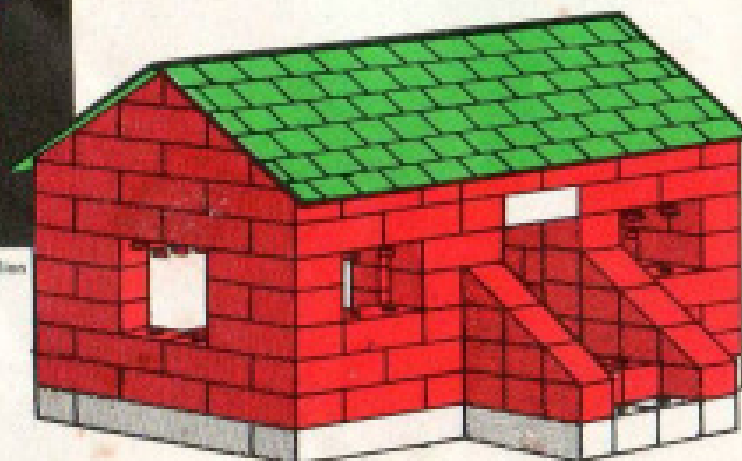
Parts required:
 77 Whole bricks
 26 Half bricks
 18 Angle bricks
 6 1-in. linels
 8 2-in. linels
 1 Roof No. 3



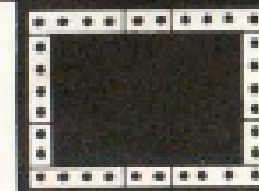
Back view of Pavilion



Ground Plan



Back view of Shed

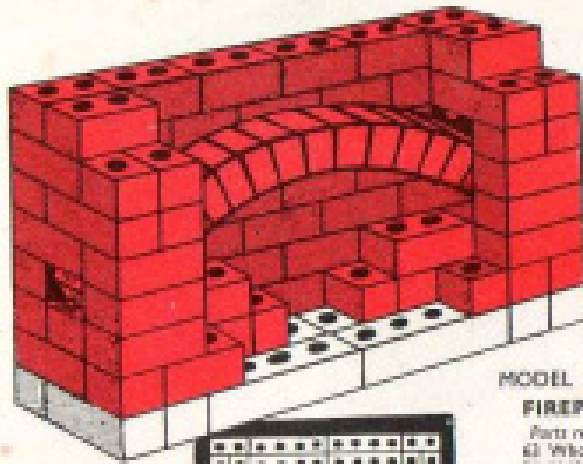


Ground Plan

MODEL 1/6 (above) SHED

Parts required:
 77 Whole bricks
 22 Half bricks
 16 Angle bricks
 6 1-in. linels
 8 2-in. linels
 1 Roof No. 1

MODELS BUILT WITH No. 1 SET



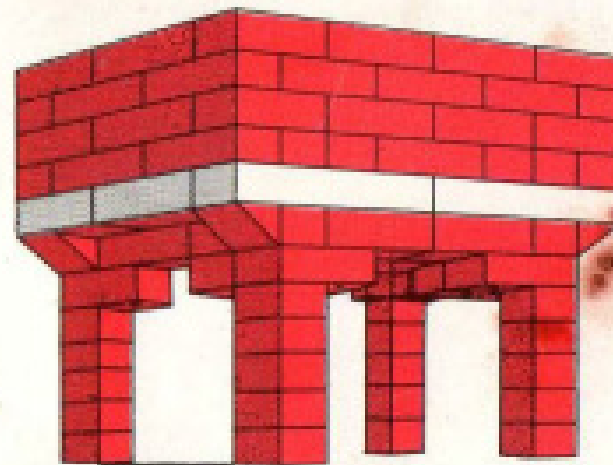
Ground Plan

MODEL 1/7 (left)

FIREPLACE

Parts required:
61 Whole bricks
36 Half bricks
2 Angle bricks
4 1-in. tiles
6 2-in. tiles

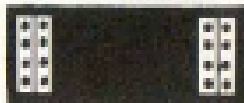
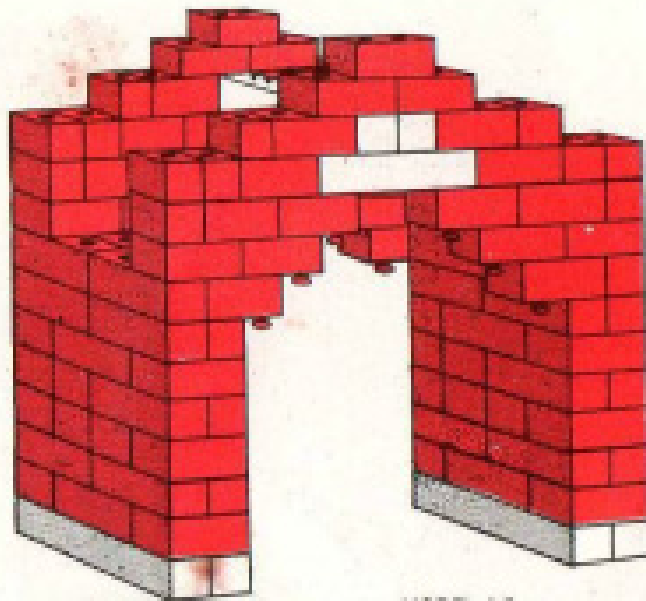
NOTE—The Arch consists of 16 half bricks and can be put in after the rest of the model is built.



Ground Plan

MODEL 1/8 WATER TANK

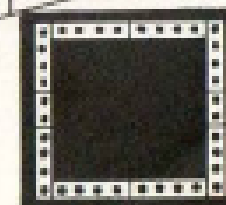
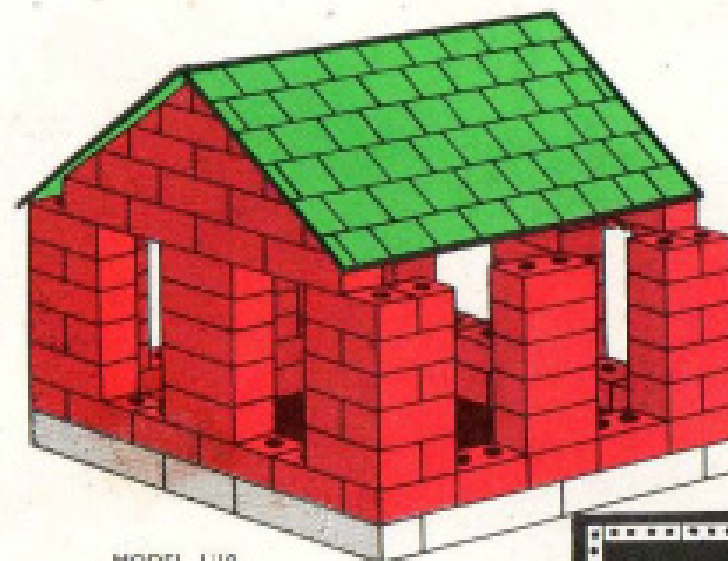
Parts required:
66 Whole bricks
36 Half bricks
4 Angle bricks
4 1-in. tiles
8 2-in. tiles



Ground Plan

MODEL 1/9
ARCH

Parts required:
70 Whole bricks
10 Half bricks
8 2-in. tiles



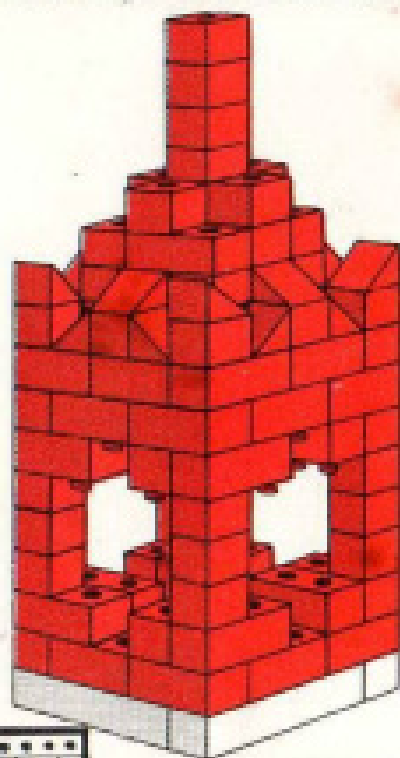
Ground Plan

MODEL 1/10
BARN

Parts required:
77 Whole bricks
20 Half bricks
16 Angle bricks
3 1-in. tiles
8 2-in. tiles
1 Roof No. 2

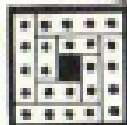
NOTE—The back and side of this model are identical to the front and side.

MODELS BUILT WITH No. 1 SET

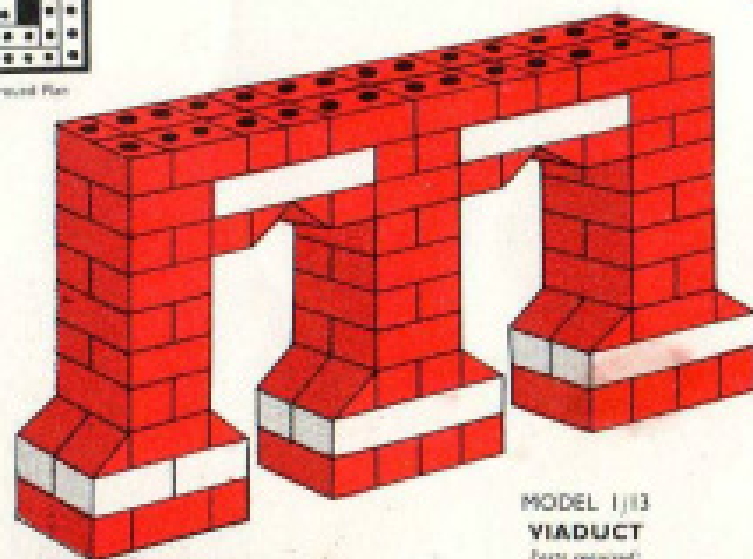


MODEL 1/11 (left)
ALBERT MEMORIAL

Parts required:
59 Whole bricks
26 Half bricks
16 Angle bricks
4 1-in. linels
4 2-in. linels



Ground Plan

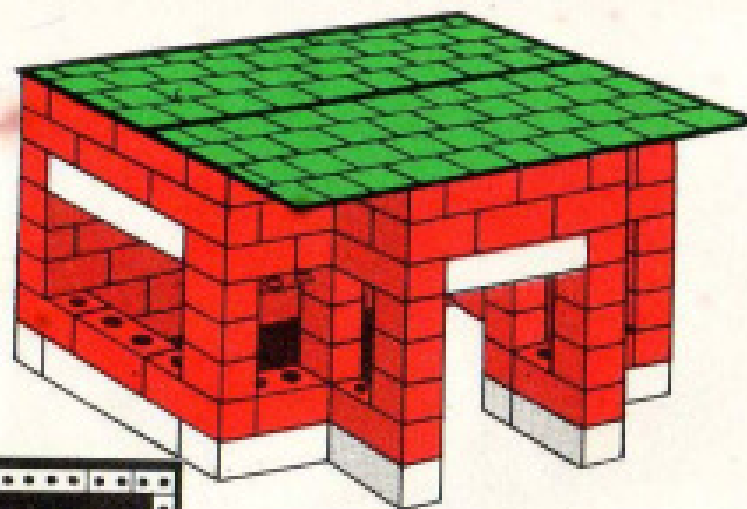


MODEL 1/13
VIADUCT

Parts required:
72 Whole bricks
14 Angle bricks
4 1-in. linels
8 2-in. linels

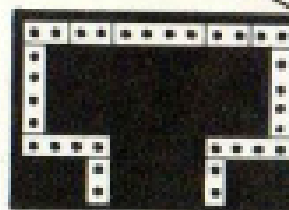


Ground Plan

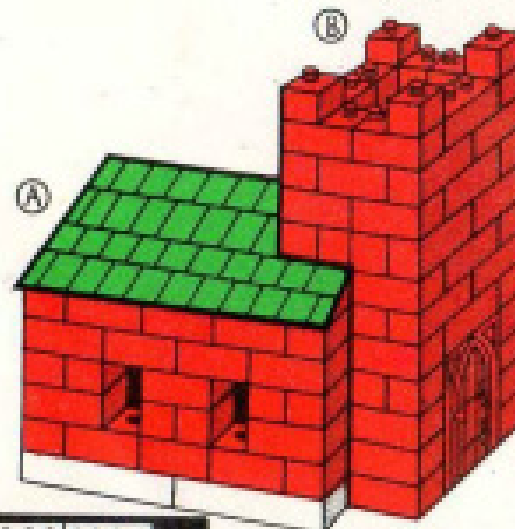


MODEL 1/12 **SEASIDE SHELTER**

Parts required:
78 Whole bricks
26 Half bricks
2 1-in. linels
8 2-in. linels
1 Roof No. 2

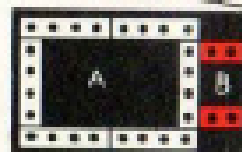


Ground Plan

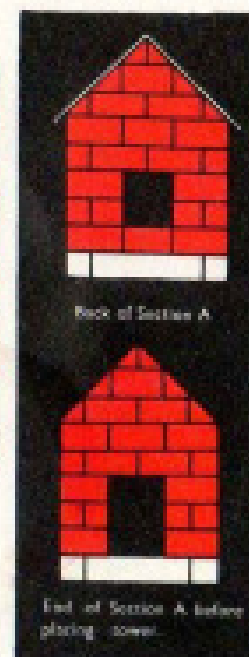


MODEL 1/14 **CHURCH**

Parts required:
78 Whole bricks
26 Half bricks
18 Angle bricks
5 1-in. linels
4 2-in. linels
1 Roof No. 1



Ground Plan

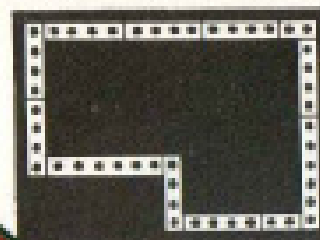
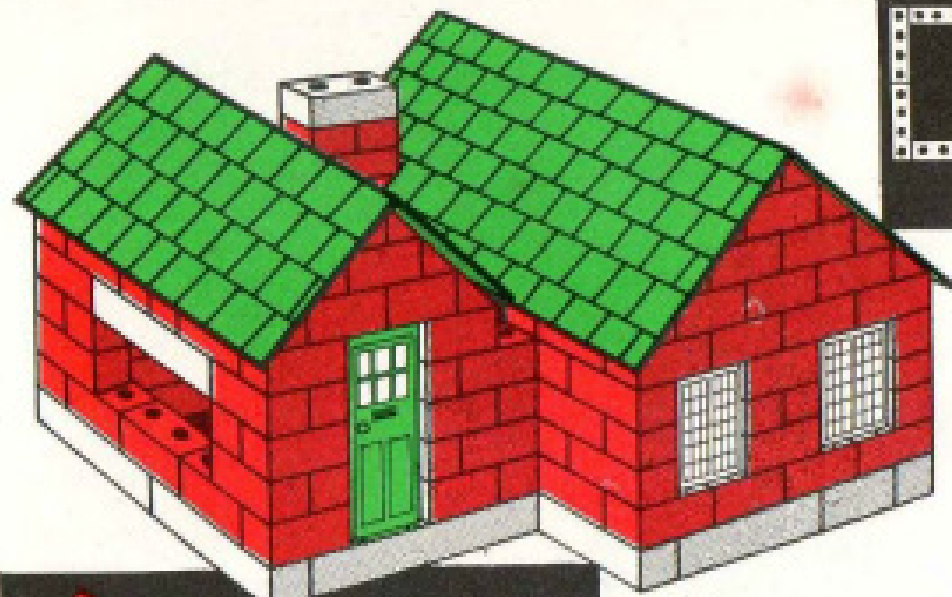


Roof of Section A

End of Section A before placing roof.

NOTE—This model is constructed in two sections, "A" and "B," the latter ("B") being placed over "A" after the roof is in position.

MODELS BUILT WITH No. 2 SET



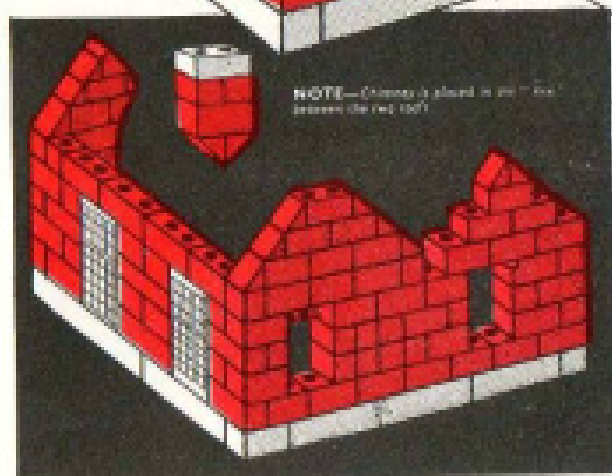
Ground Plan

MODEL 2/1 BUNGALOW

Parts required:
 90 Whole bricks
 36 Half bricks
 24 Angle bricks
 5 1-in. lintels
 8 3-in. lintels
 2 5-in. lintels
 1 House door
 2 Small windows
 2 Large windows
 1 Roof No. 1
 1 Roof No. 2

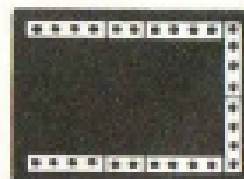
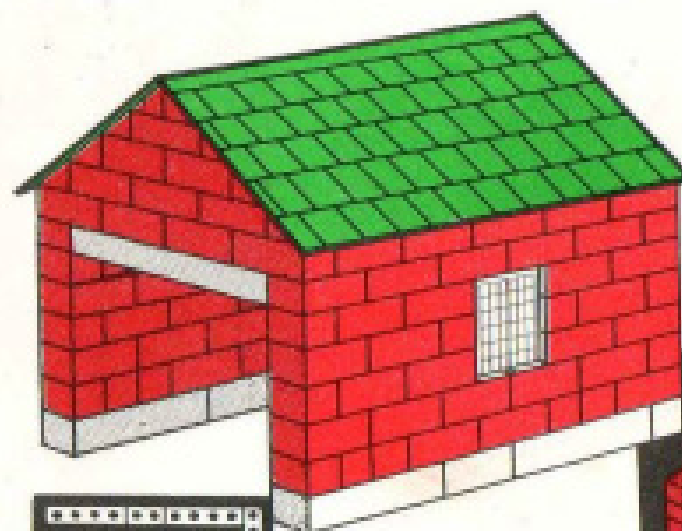
NOTE

In order to simplify the diagrams, the small holes for doors and windows are omitted.



Back view of Bungalow

NOTE—Chimney is placed in 1st "Row" between the red roof.

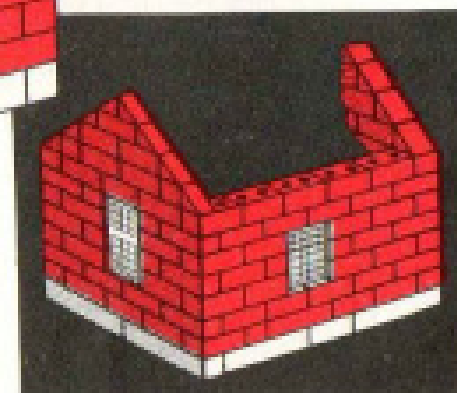


Ground Plan

MODEL 2/3 (right)

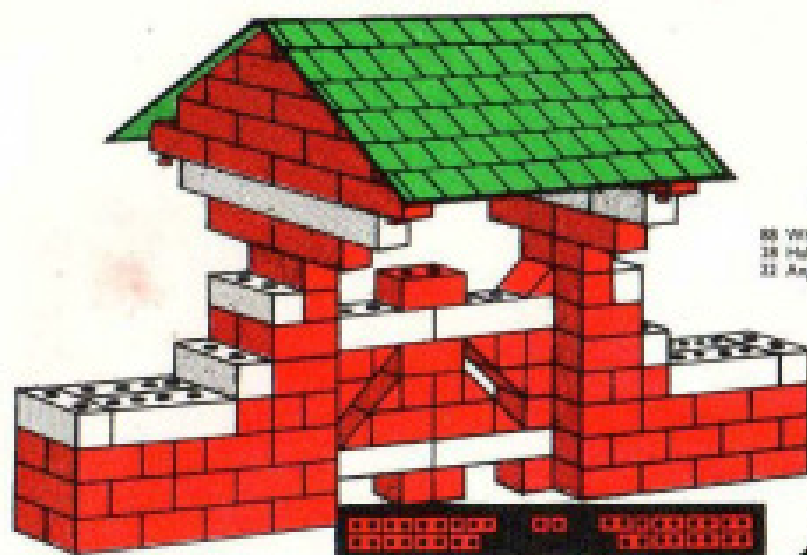
GARAGE

Parts required:
 90 Whole bricks
 24 Half bricks
 16 Angle bricks
 3 1-in. lintels
 6 3-in. lintels
 1 5-in. lintel
 2 Small windows
 1 Large window
 1 Roof No. 1



Back view of Garage

MODELS BUILT WITH No. 2 SET



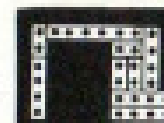
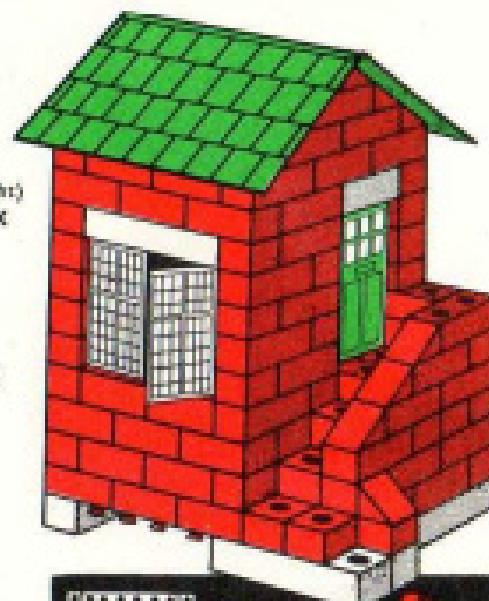
Ground Plan

MODEL 2/3 LYCH GATE

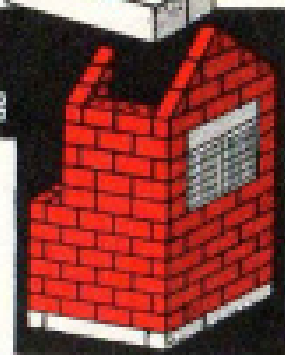
Parts required:
88 Whole bricks 6 1-in. tiles
28 Half bricks 8 3-in. tiles
22 Angle bricks 2 3-in. tiles
1 Roof No. 1

MODEL 2/5 (right) SIGNAL BOX

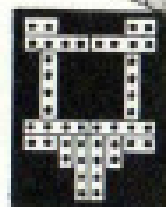
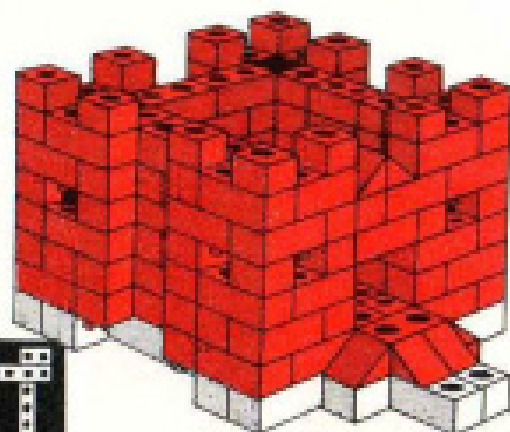
Parts required:
167 Whole bricks
16 Half bricks
16 Angle bricks
5 1-in. tiles
4 2-in. tiles
1 3-in. tile
2 Small windows
2 Large windows
1 Roof No. 1



Ground Plan



Back view of Signal Box



Ground Plan

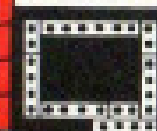
MODEL 2/4 FORTRESS

Parts required:
90 Whole bricks 8 Angle bricks
30 Half bricks 4 1-in. tiles
8 2-in. tiles

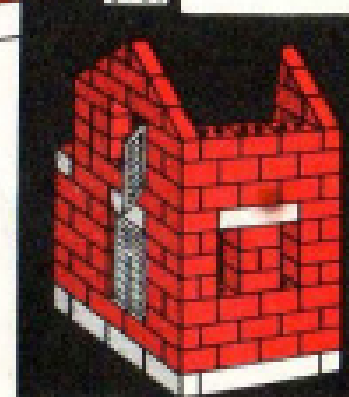


MODEL 2/6 SMALL HOUSE

Parts required:
89 Whole bricks 8 2-in. tiles
32 Half bricks 2 3-in. tiles
20 Angle bricks 1 Roof No. 1
8 1-in. tiles 2 Small windows
2 Large windows

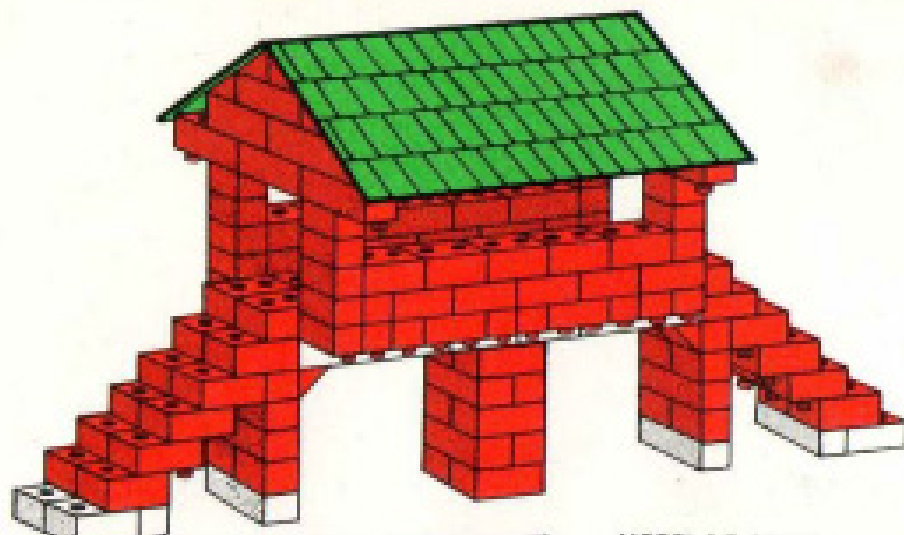


Ground Plan



Back view of House

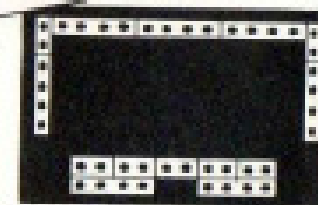
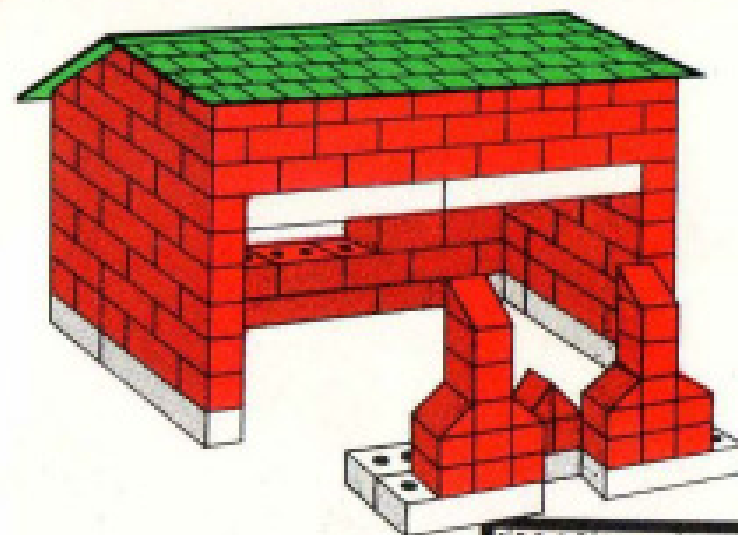
MODELS BUILT WITH No. 2 SET



Ground Plan

MODEL 2/7 (above)
**ORNAMENTAL
FOOTBRIDGE**

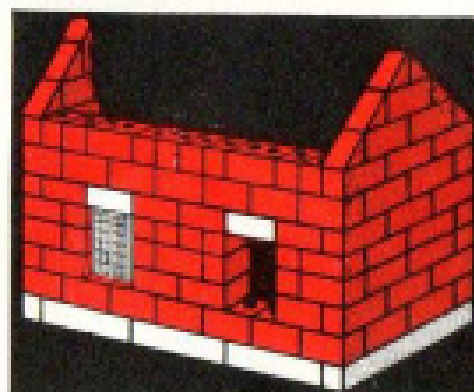
Parts required:
80 Whole bricks
31 Half bricks
16 Angle bricks
8 1-in. boards
8 2-in. boards



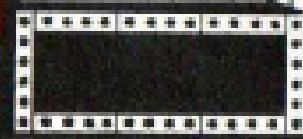
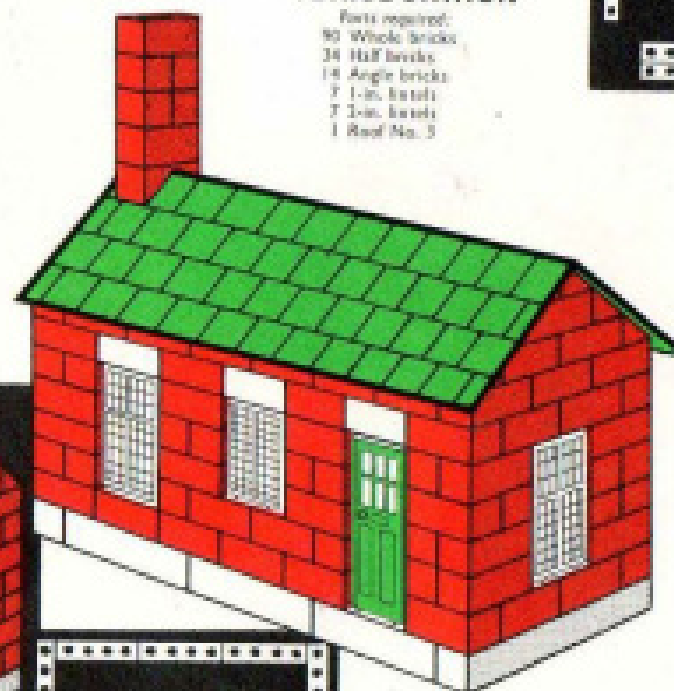
Ground Plan

MODEL 2/8 (above)
PETROL STATION

Parts required:
80 Whole bricks
34 Half bricks
16 Angle bricks
7 1-in. boards
7 2-in. boards
1 Roof No. 3



Back view of Barrack Room

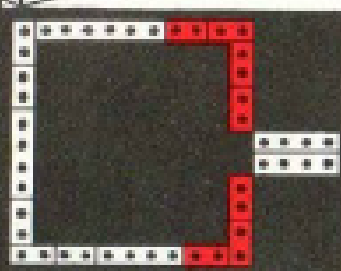
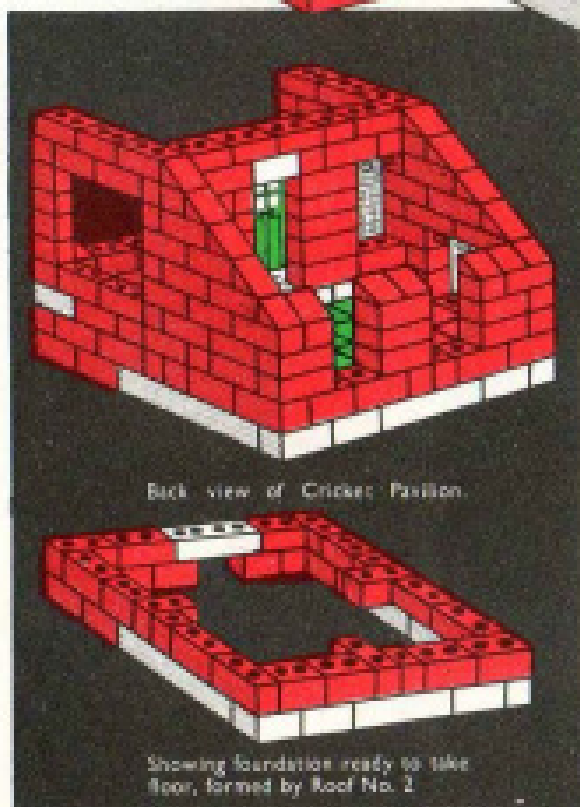
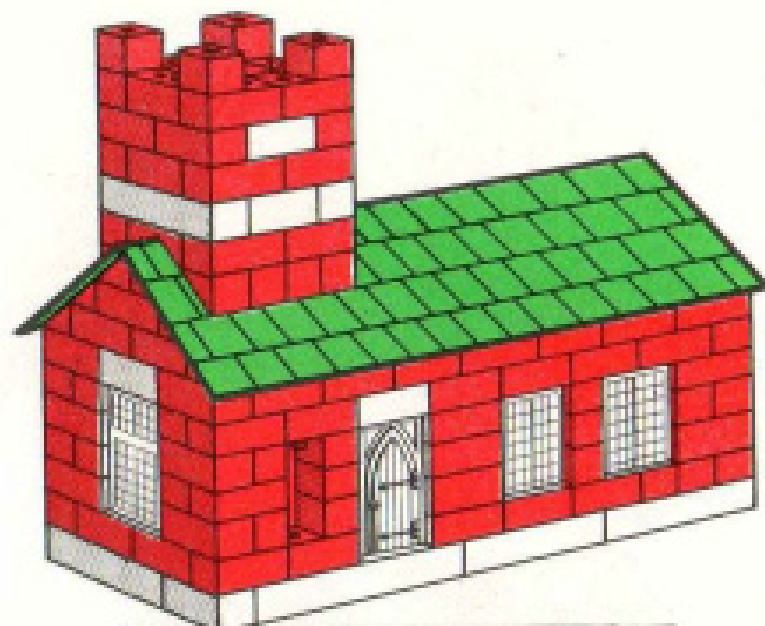
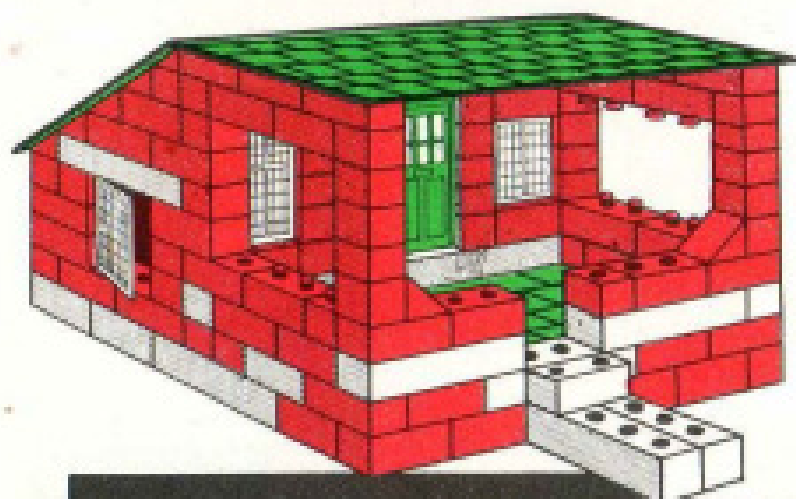


Ground Plan

MODEL 2/9 (right)
BARRACK ROOM

Parts required:
80 Whole bricks
36 Half bricks
16 Angle bricks
6 1-in. boards
6 2-in. boards
1 2-in. board
1 Heavy door
2 Small windows
2 Large windows
1 Roof No. 3

MODELS BUILT WITH No. 2 SET

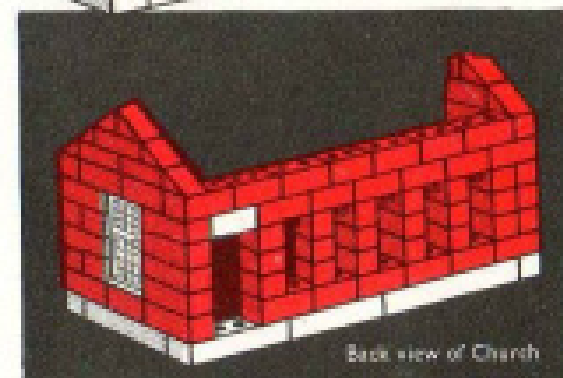


Ground Plan

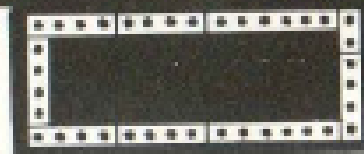
MODEL 2/10 CRICKET PAVILION

Parts required for Model 2/10:

- 90 Whole bricks
- 36 Half bricks
- 17 Angle bricks
- 8 1-in. lintels
- 8 2-in. lintels
- 2 3-in. lintels
- 1 House door
- 2 Small windows
- 1 Large window
- 1 Roof No. 1
- 1 Roof No. 2



Back view of Church



Ground Plan

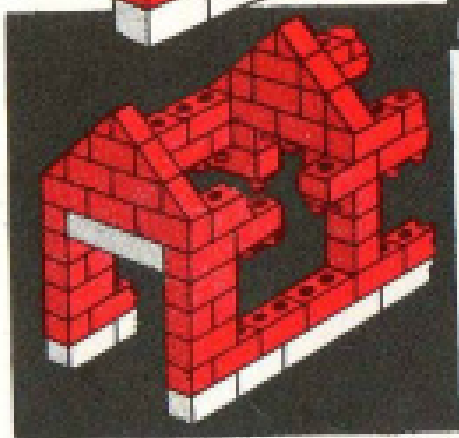
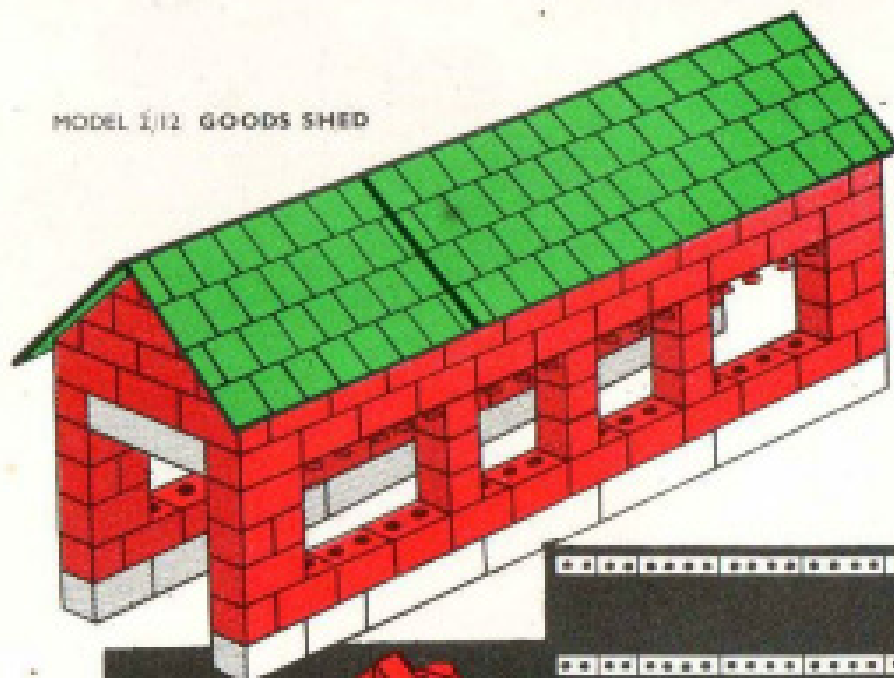
MODEL 2/11 CHURCH

Parts required for Model 2/11:

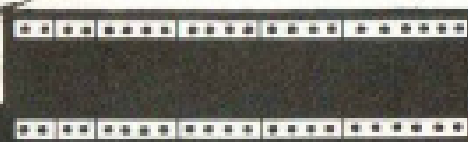
- | | |
|-----------------|-----------------|
| 90 Whole bricks | 2 3-in. lintels |
| 36 Half bricks | 1 Church door |
| 24 Angle bricks | 2 Small windows |
| 8 1-in. lintels | 2 Large windows |
| 8 2-in. lintels | 1 Roof No. 2 |

MODELS BUILT WITH No. 2 SET

MODEL 1/12 GOODS SHED



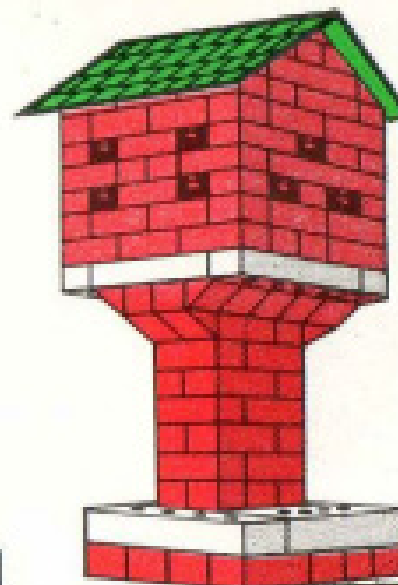
Section of Goods Shed, showing construction of interior walls.



Ground Plan

Parts required for Model 1/12:

- | | |
|-----------------|----------------|
| 58 Whole bricks | 8 2-in. linels |
| 15 Half bricks | 2 3-in. linels |
| 18 Angle bricks | 1 Roof No. 1 |
| 4 1-in. linels | 1 Roof No. 3 |



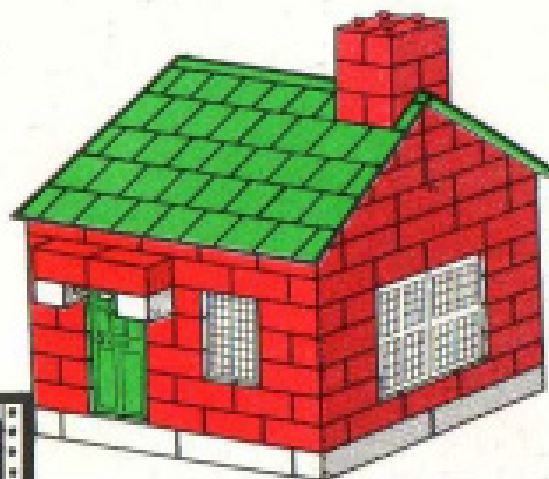
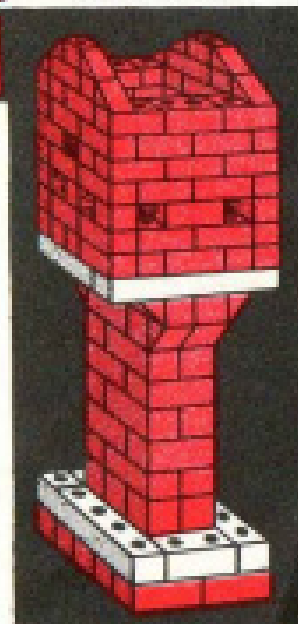
MODEL 2/13 DOVECOT

- Parts required:
- | |
|-----------------|
| 98 Whole bricks |
| 28 Half bricks |
| 32 Angle bricks |
| 6 1-in. linels |
| 8 2-in. linels |
| 1 3-in. linel |
| 1 Roof No. 1 |

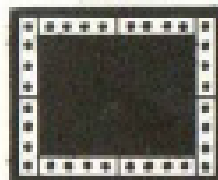
Back view of Dovecot



Ground Plan



Ground Plan



NOTE—One small window on side not shown. No window in back.

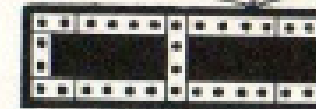
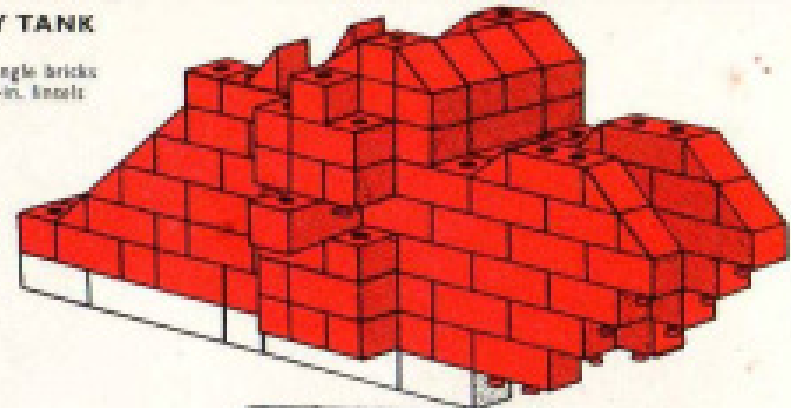
MODEL 1/14 (left) COTTAGE

- Parts required:
- | | |
|-----------------|-----------------|
| 60 Whole bricks | 8 2-in. linels |
| 25 Half bricks | 1 House door |
| 32 Angle bricks | 2 Small windows |
| 2 1-in. linels | 1 Large window |
| | 1 Roof No. 2 |

MODELS BUILT WITH No. 2 SET

MODEL 2/16 (right) ARMY TANK

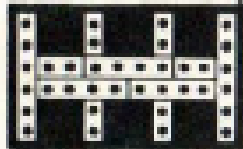
Parts required:
 90 Whole bricks
 36 Half bricks
 12 Angle bricks
 5 1-in. insets
 6 2-in. insets



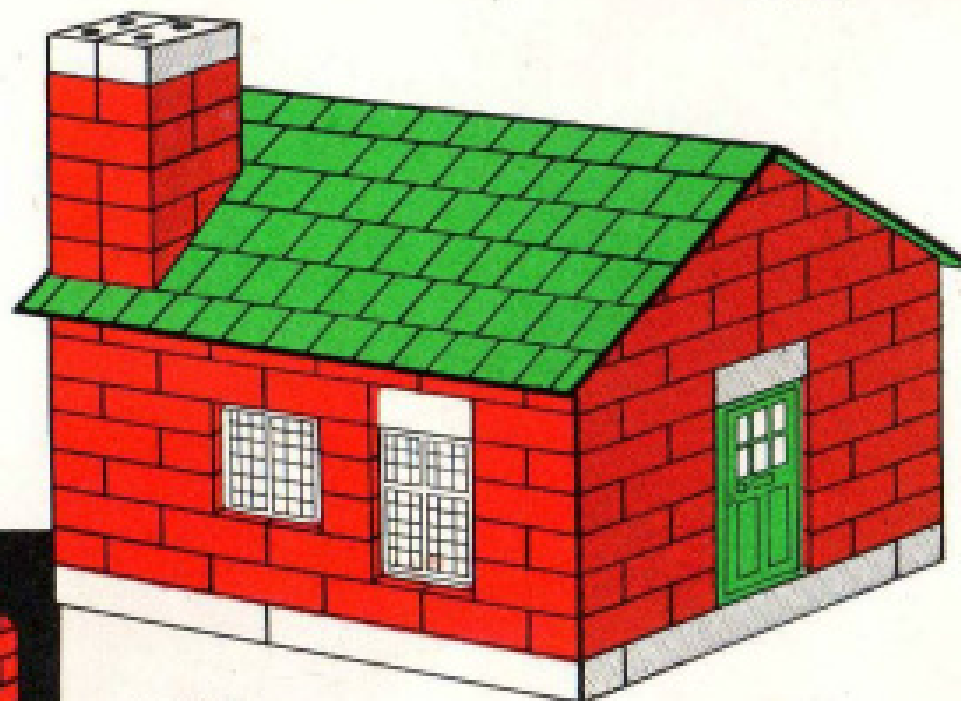
Ground Plan

MODEL 2/15 STABLES

Parts required:
 90 Whole bricks
 36 Half bricks
 24 Angle bricks
 6 1-in. insets
 3 2-in. insets
 2 3-in. insets
 1 Roof No. 2



Ground Plan



Ground Plan

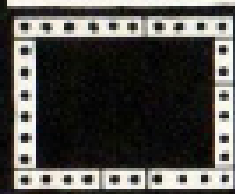
MODEL 2/17

GAMEKEEPER'S LODGE

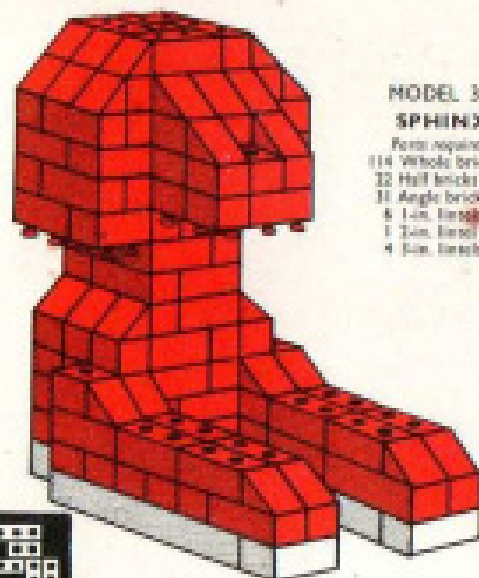
Parts required:
 90 Whole bricks
 32 Half bricks
 10 Angle bricks

Parts required:
 7 1-in. insets
 4 2-in. insets
 2 3-in. insets
 1 Roof No. 2
 1 House door
 2 Small windows
 2 Large windows

Back view of Gamekeeper's Lodge



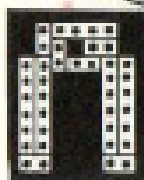
MODELS BUILT WITH No. 3 SET



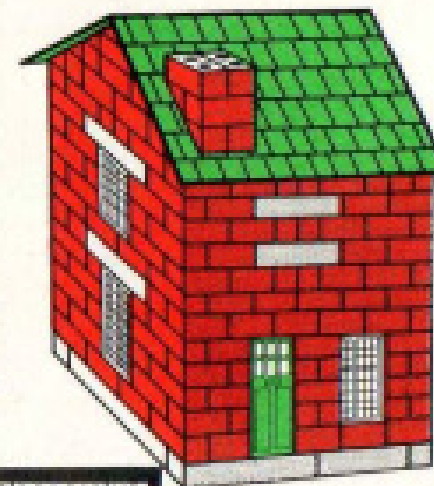
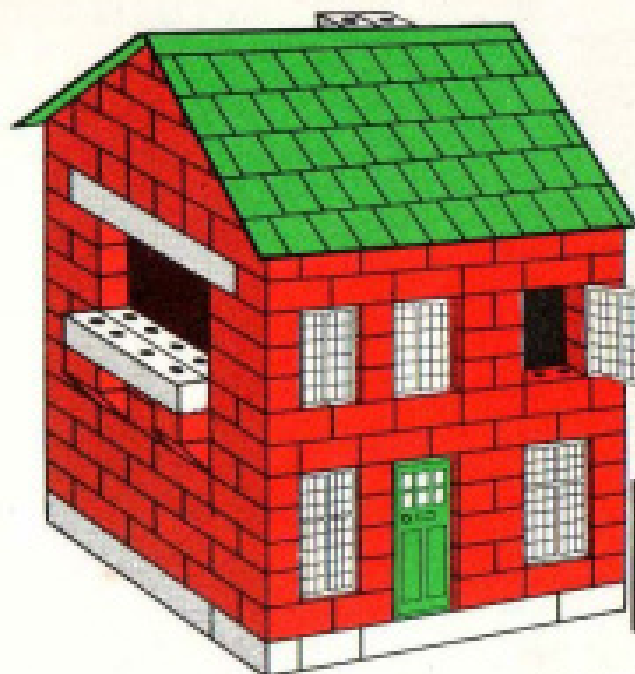
MODEL 3/1

SPHINX

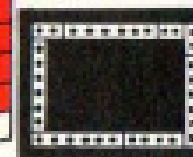
Parts required:
114 Whole bricks
22 Half bricks
11 Angle bricks
6 1-in. linels
1 2-in. linel
4 3-in. linels



Ground Plan



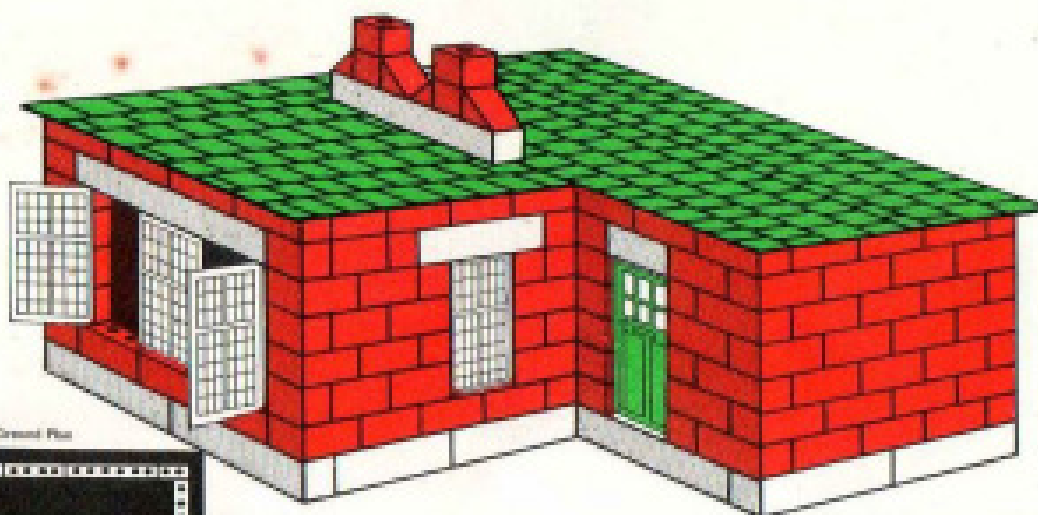
Back of House



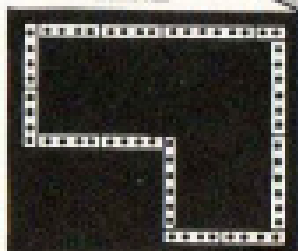
Ground Plan

MODEL 3/2 TWO-STORY HOUSE

4 2-in. linels. Parts required:
152 Whole bricks
52 Half bricks
26 Angle bricks
5 1-in. linels
6 2-in. linels
6 3-in. linels
2 House doors
4 Large windows
4 Small windows
1 Roof No. 1



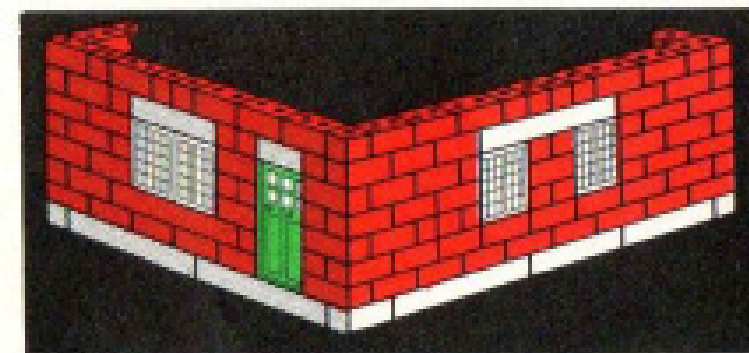
Ground Plan



MODEL 3/3

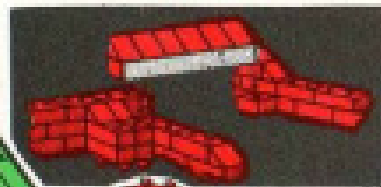
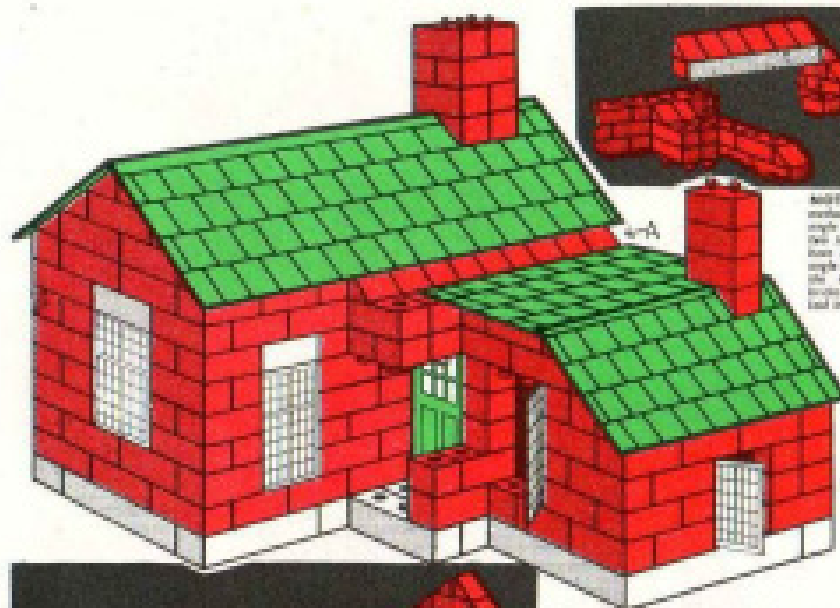
MODERN HOME

Parts required:
152 Whole bricks
52 Half bricks
4 Angle bricks
3 1-in. linels
30 2-in. linels
6 3-in. linels
2 House doors
4 Large windows
4 Small windows
1 Roof No. 1
1 Roof No. 2



Back View of Modern Home

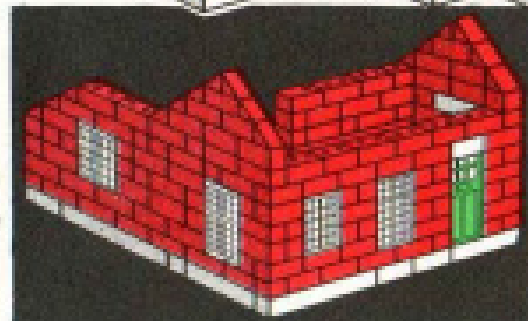
MODELS BUILT WITH No. 3 SET



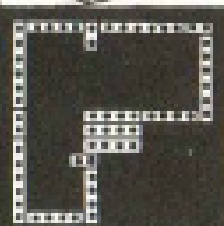
NOTE — Detail showing method of fitting the rim of angle bricks between the two walls. After the walls have been built and three angle bricks fitted as shown, the chimney is simply built on a 2-in. flat top laid in position.

MODEL 3/4 BUNGALOW

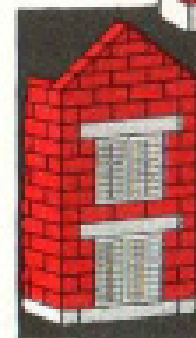
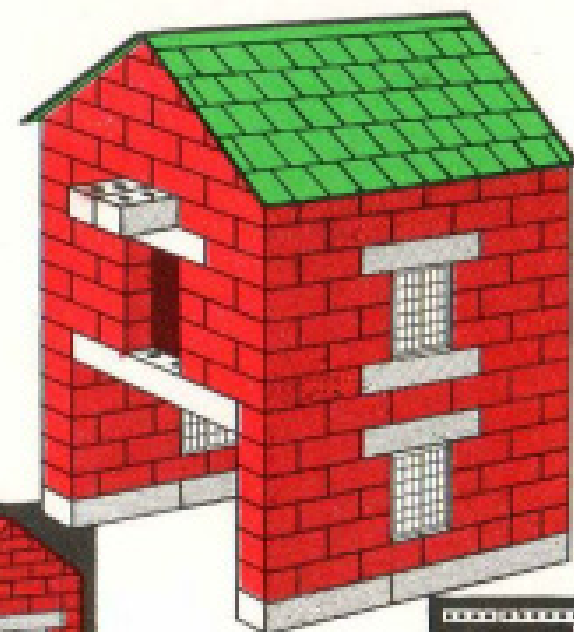
Parts required:
100 Whole bricks
50 Half bricks
10 Angle bricks
18 1-in. bricks
8 2-in. bricks
5 3-in. bricks
4 Small windows
4 Large windows
2 House doors
1 Roof No. 1
1 Roof No. 2



Back view of Bungalow



Ground Plan



Side of Granary. The other side is the same as this shown.

MODEL 3/5 GRANARY

Parts required:
100 Whole bricks
50 Half bricks
10 Angle bricks
11 1-in. bricks
8 2-in. bricks
4 Large windows
4 Small windows
1 Roof No. 2



Ground Plan

MODEL 3/5 RAILWAY HALT

Parts required:
100 Whole bricks
50 Half bricks
10 Angle bricks
11 1-in. bricks
8 2-in. bricks
4 Small windows
1 Roof No. 1

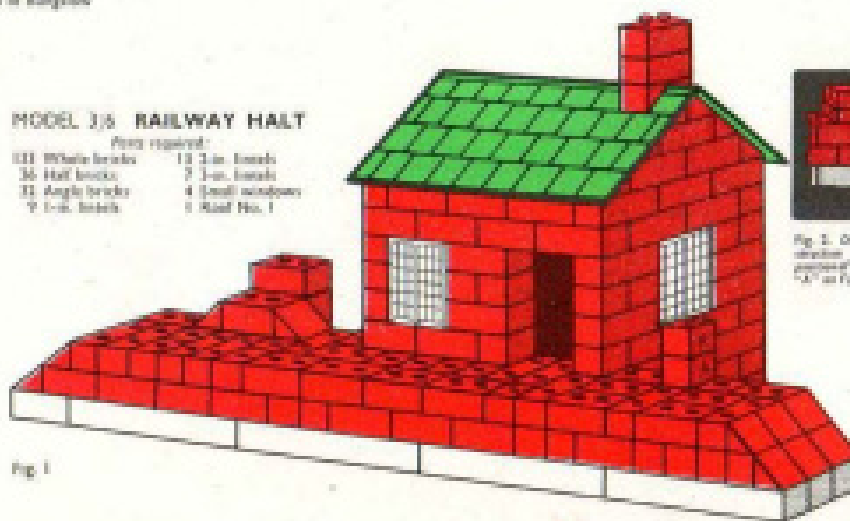


Fig. 1

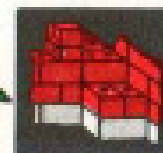


Fig. 2. Detail showing construction of chimney. Note position of half bricks mounted "X" as Fig. 1.

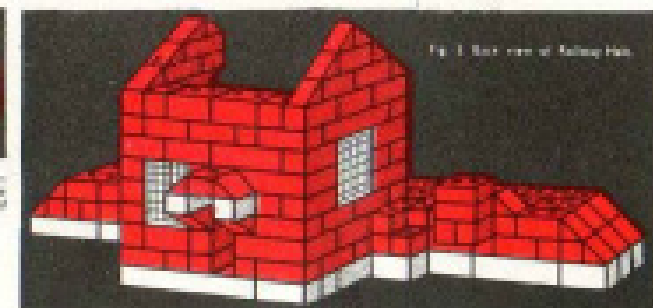
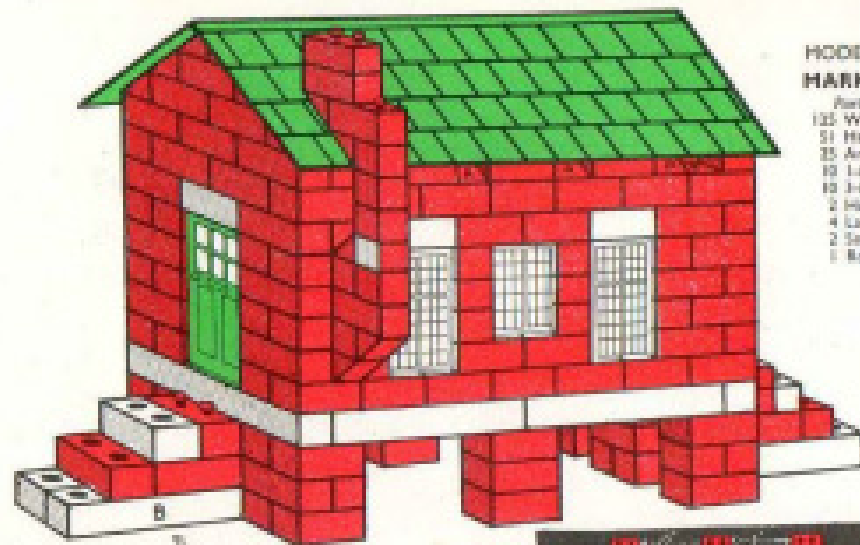


Fig. 3. Back view of Railway Halt.

Ground Plan



MODELS BUILT WITH No. 3 SET



**MODEL 3/7 (left)
MARKET HALL**

Parts required:
125 Whole bricks
51 Half bricks
25 Angle bricks
10 1-in. boards
10 3-in. boards
2 House doors
4 Large windows
2 Small windows
1 Roof (No. 3)



Detail of construction of lower steps.



Ground Plan

NOTE—The back and end of this model are the same as front and sides.

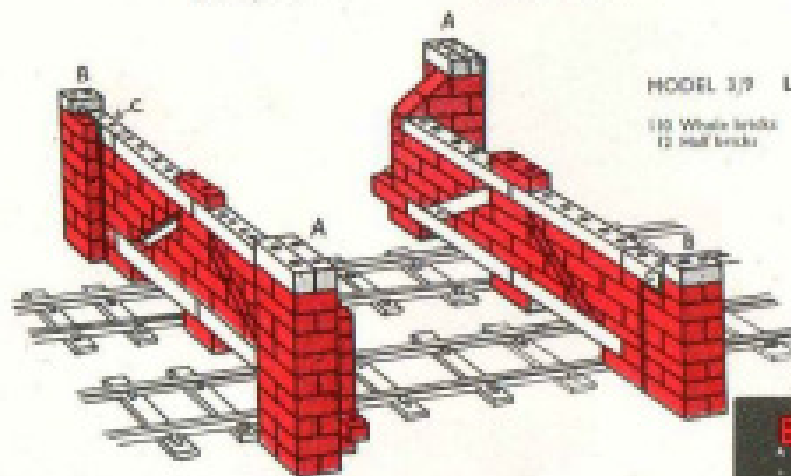
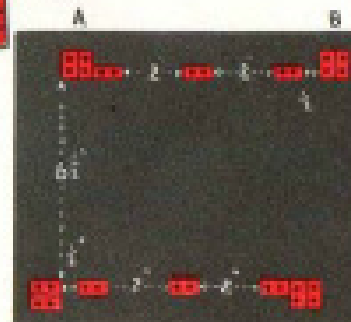


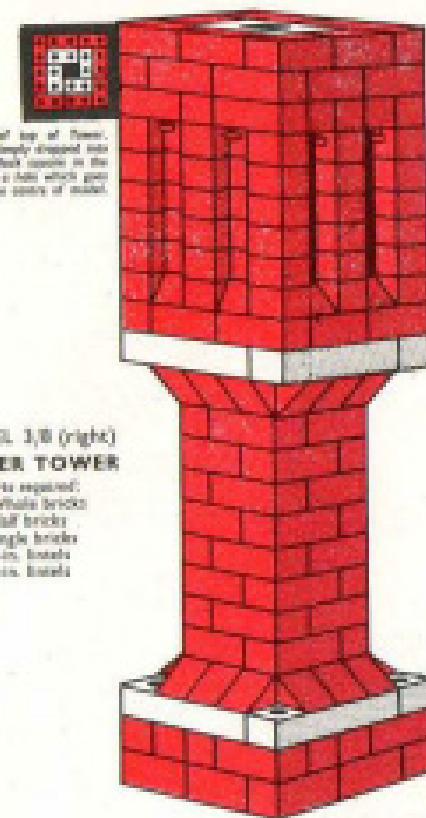
Fig. 1. Moving pair of gates in position across railway lines. Gates swing from point "A" to point "B" by means of the two bricks rounded off at the edges as shown in Fig. 2. To shut gates across the road to allow trains to pass, unlock gate at point "C," swing it, locking it again at corresponding point on the other pair "B."

MODEL 3/9 LEVEL CROSSING GATES

Parts required:
110 Whole bricks
12 Half bricks
21 Angle bricks
10 1-in. boards
2 3-in. boards
8 3-in. boards



Ground Plan



**MODEL 3/8 (right)
WATER TOWER**

Parts required:
131 Whole bricks
12 Half bricks
10 Angle bricks
8 1-in. boards
8 3-in. boards

NOTE—Plan of top of tower. The boards are simply slipped into position. The Mark number in the corner indicates a hole which goes right through the center of model.



Ground Plan

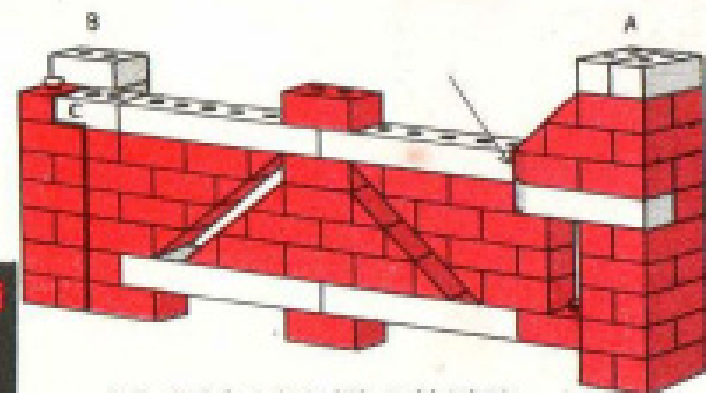
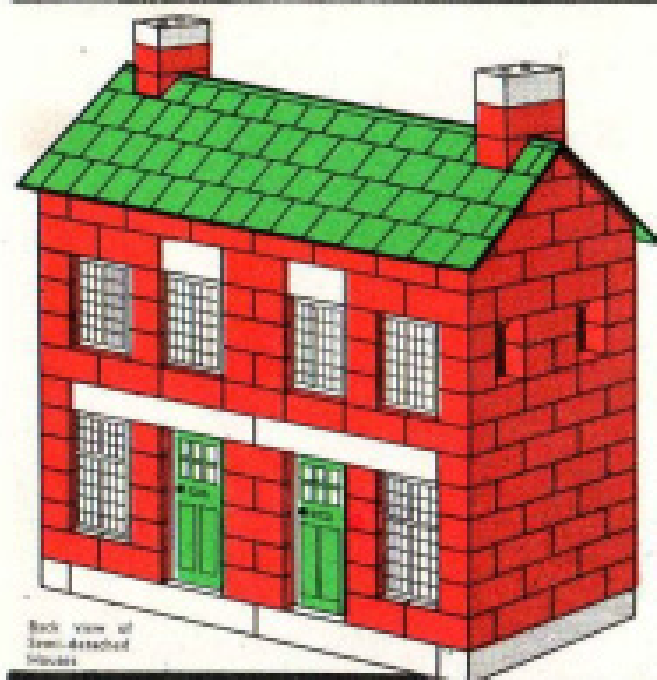
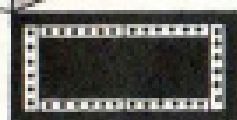


Fig. 2. Detail of gate, showing bricks rounded at edges to permit gate to swing freely.

MODELS BUILT WITH No. 3 SET



Back view of
Semi-detached
Houses



Ground Plan

MODEL 3/18 (above) SEMI-DETACHED HOUSES

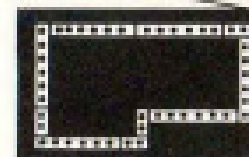
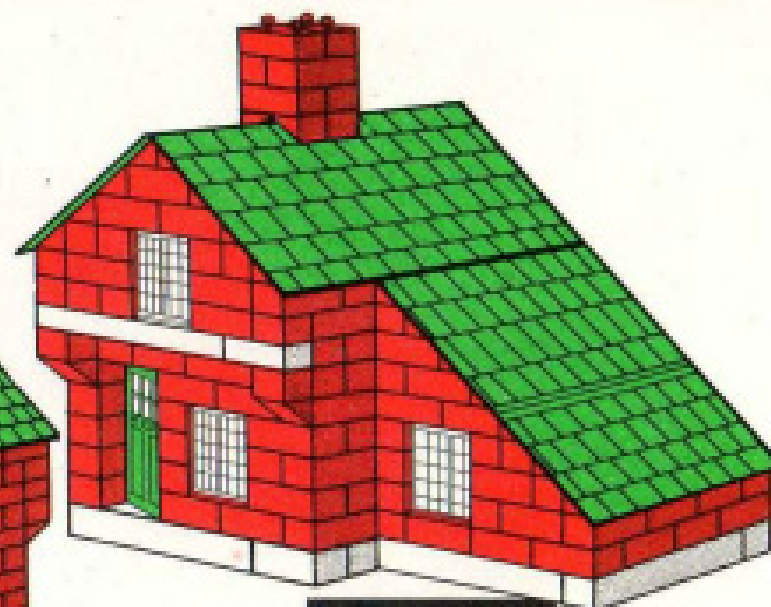
Parts required:
125 Whole bricks 10 1-in. bricks
50 Half bricks 2 House doors
10 Angle bricks 4 Large windows
4 1-in. bricks 4 Small windows
2 2-in. bricks 1 Roof No. 2

MODEL 3/11 (right) INN

Parts required:
125 Whole bricks 1 House door
40 Half bricks 2 Large windows
10 Angle bricks 4 Small windows
5 1-in. bricks 1 Roof No. 1
7 2-in. bricks 1 Roof No. 2



Back view of Inn



Ground Plan

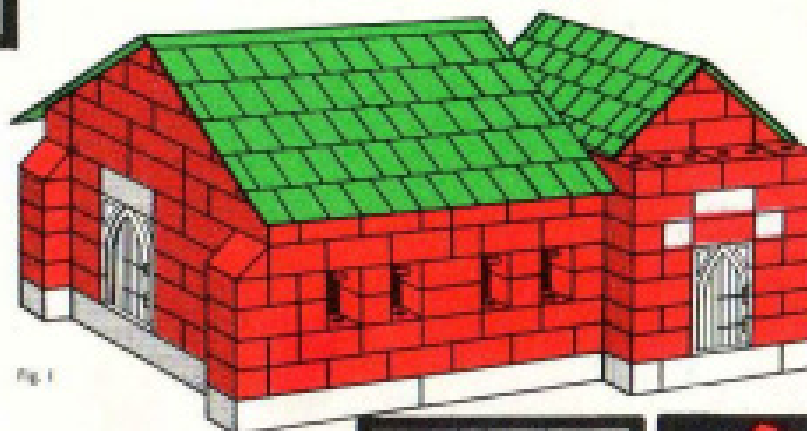
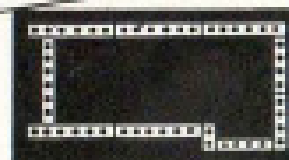


Fig. 1

MODEL 3/12 (above) CHAPEL

Parts required:
125 Whole bricks 7 1-in. bricks
40 Half bricks 2 Church doors
10 Angle bricks 1 Roof No. 1
4 1-in. bricks 1 Roof No. 2
2 2-in. bricks



Ground Plan

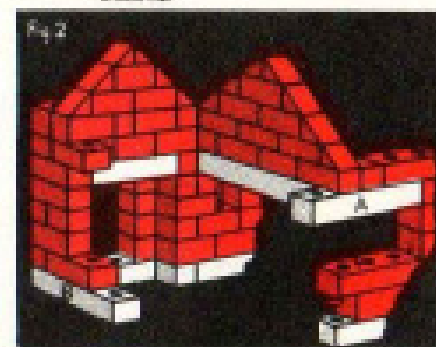


Fig. 2. Detail showing interior
construction. Bricks marked "A"
and "B" correspond to those
similarly marked in Fig. 1.

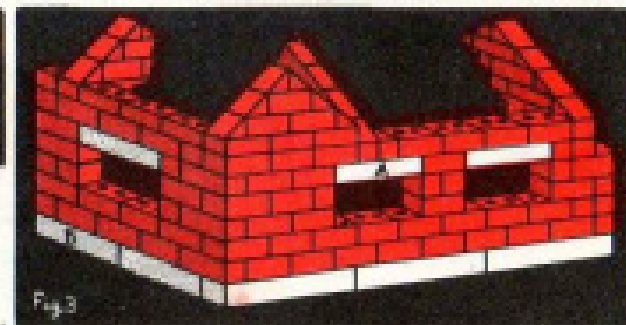


Fig. 3

MODELS BUILT WITH No. 3 SET

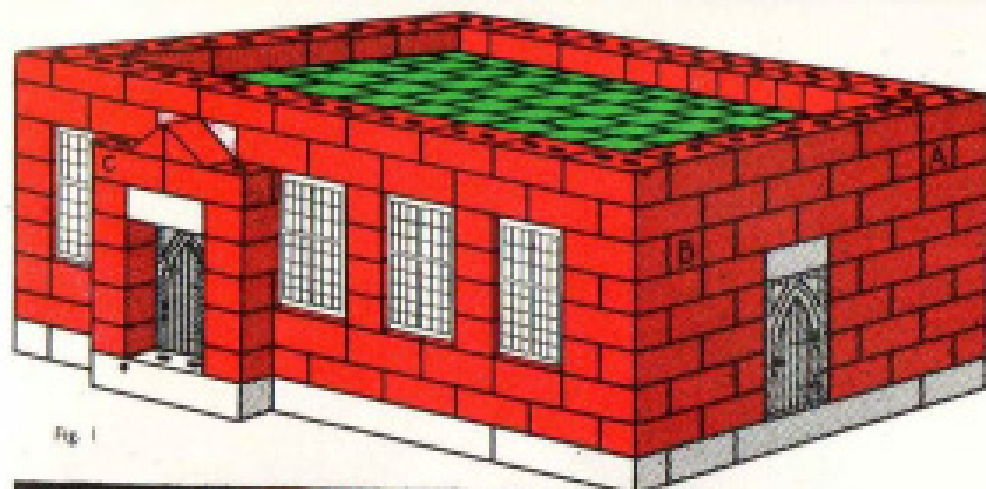


Fig. 1

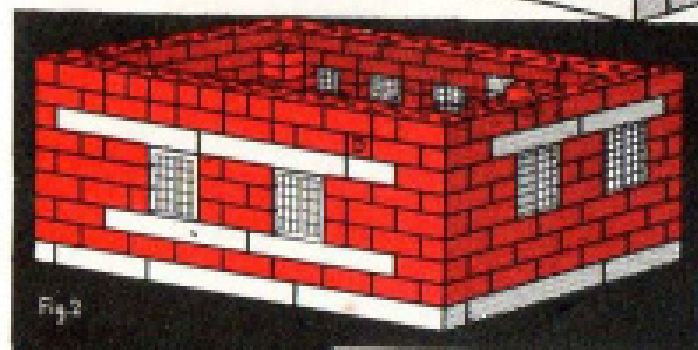
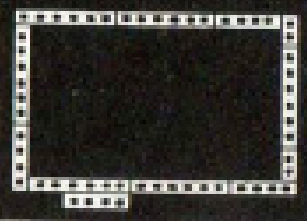


Fig. 2



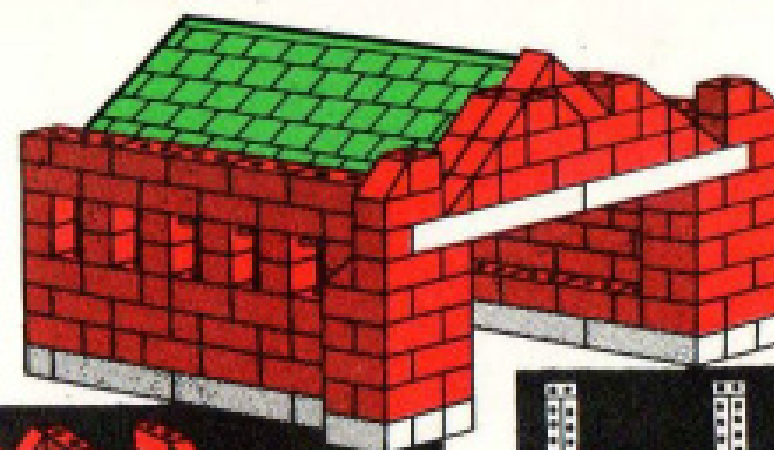
Ground Plan

Back view of School

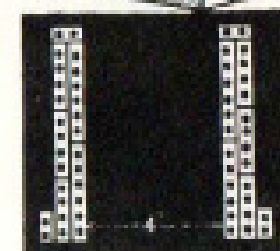
NOTE—The letters "A," "B," and "C" on Figs. 1 and 2 indicate those bricks which are used to support the roof. Bricks "A" and "B" are whole bricks and across the wall, while "C" (seen in both diagrams) is a whole brick and one course lower than "A" and "B" with a half brick on it to bring it up under level. "C" marks the point behind which a whole brick and half brick are fitted to exactly the same manner as "B."

MODEL 3/13 (above) VILLAGE SCHOOL

Parts required:
132 Whole bricks
52 Half bricks
2 Angle bricks
7 1-in. linels
7 2-in. linels
10 3-in. linels
2 Church doors
4 Large windows
4 Small windows
1 Roof No. 3



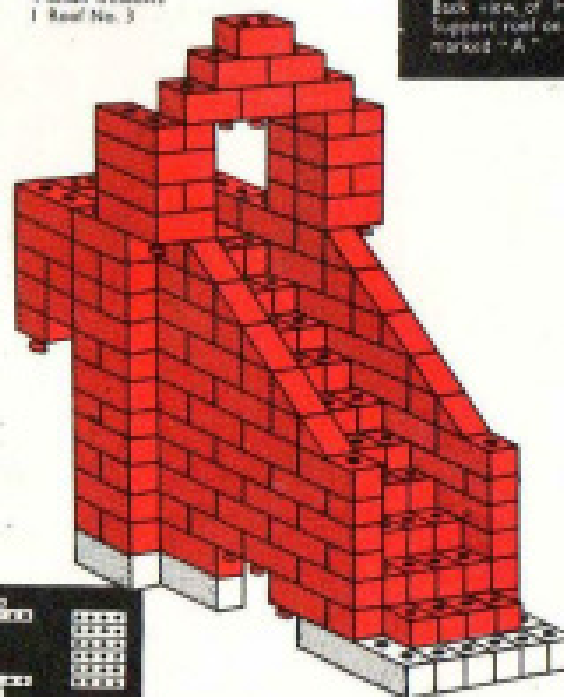
Back view of Hangar.
Support roof of bricks
marked "A."



Ground Plan

MODEL 3/14 AEROPLANE HANGAR

Parts required:
125 Whole bricks
26 Half bricks
20 Angle bricks
4 1-in. linels
7 2-in. linels
7 3-in. linels
1 Roof No. 3

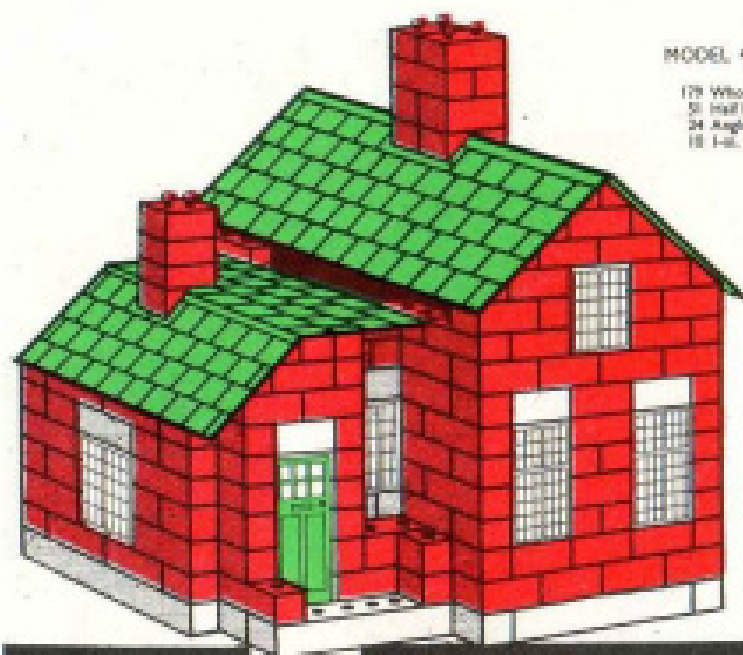


Ground Plan

MODEL 3/15 (left) STAIRCASE

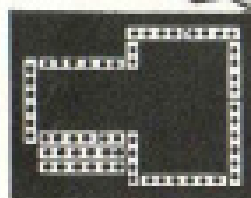
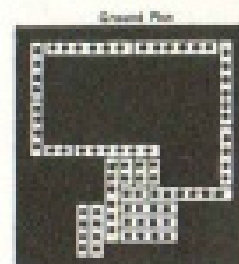
Parts required:
132 Whole bricks
52 Half bricks
18 Angle bricks
2 1-in. linels
8 2-in. linels

MODELS BUILT WITH No. 4 SET

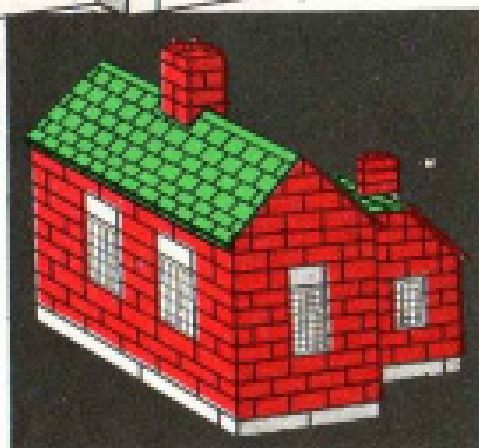


MODEL 4/1 (left) FARMHOUSE

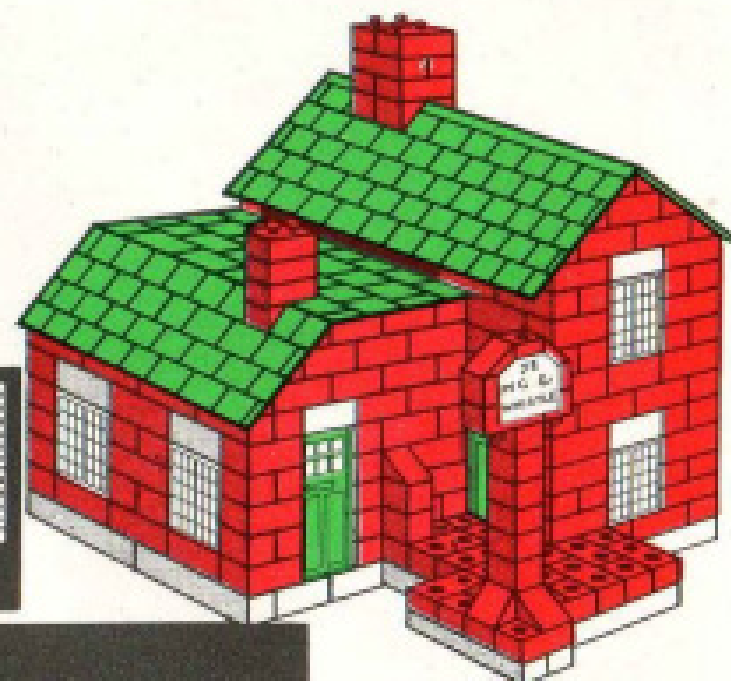
Parts required:
 179 Whole bricks 5 2-in. timbers
 51 Half bricks 6 3-in. timbers
 24 Angle bricks 1 House door
 18 1-in. timbers 4 Small windows
 4 Large windows
 1 Roof No. 1
 1 Roof No. 2



Ground Plan



Back view of Farmhouse

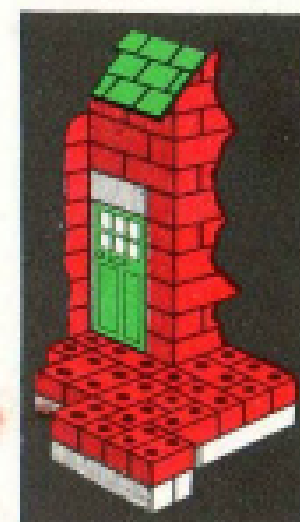


MODEL 4/2 (above)
OLD ENGLISH INN

Parts required:
 179 Whole bricks 6 2-in. timbers
 65 Half bricks 2 House doors
 11 Angle bricks 4 Small windows
 14 1-in. timbers 3 Large windows
 8 2-in. timbers 1 Roof No. 1
 1 Roof No. 2



Back view of Inn



Detail of construction showing corner of wall and door with supports removed

UNIVERSAL PINS

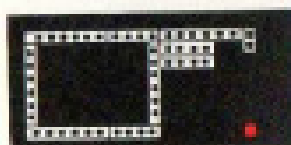
Many of the models illustrated in the following pages make use of Universal Pins, which are included in all sets from No. 4 onwards. As these are "inside" the bricks it is not possible to show exactly where they come in the diagrams. They should, however, be used wherever it is required to join together two timbers, or the flat side of a brick to a timber or to another flat side of a brick; they are also used for fixing Carved Pillars and Balustrades as shown on page 8. In general, Universal Pins can be used wherever they add to the strength and rigidity of the model.

MODELS BUILT WITH No. 4 SET

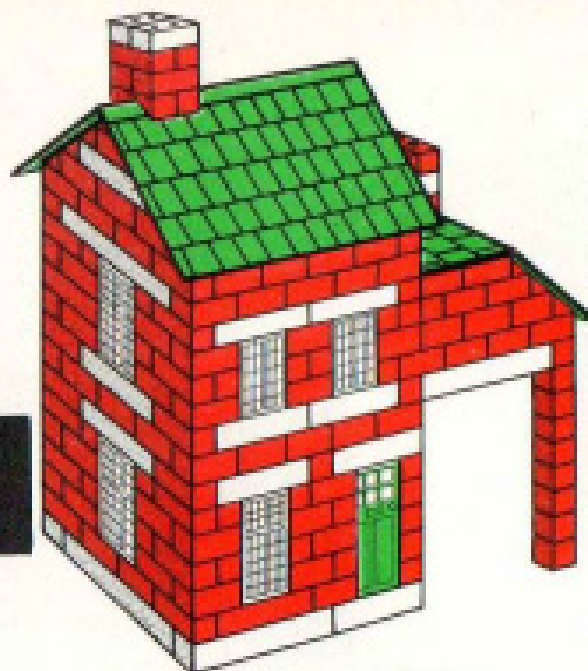
MODEL 4/3

SMITHY AND COTTAGE

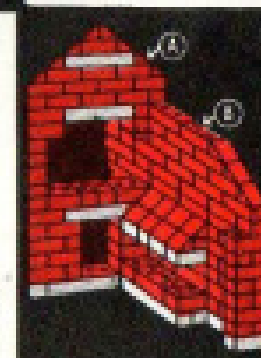
- Parts required:
- | | |
|------------------|-------------------|
| 194 Whole bricks | 2 House doors |
| 45 Half bricks | 4 Small windows |
| 36 Angle bricks | 4 Large windows |
| 7 2-in. slabs | 20 Universal pins |
| 22 3-in. slabs | 1 Roof No. 1 |
| 8 3-in. slabs | 1 Roof No. 2 |



Ground Plan

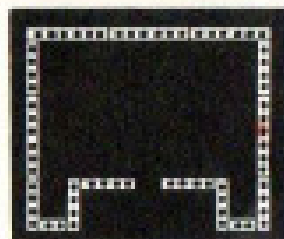


Back view of Smithy and Cottage



Detail of corner of Smithy showing construction of chimney. "A" is the construction of the back wall. "B" is the chimney wall between the Cottage and Smithy.

MODEL 4/4 FORTRESS



Ground Plan

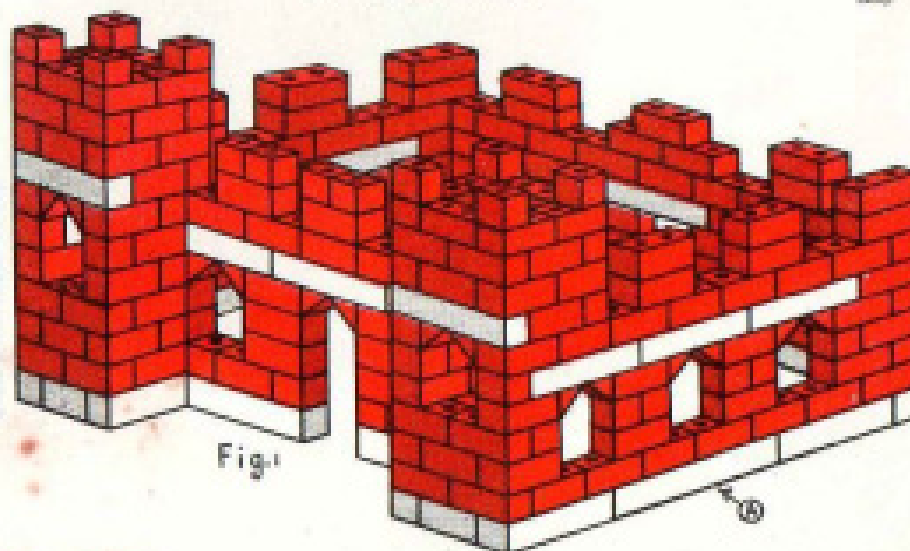


Fig. 1

Parts required for Model 4/4

- | | |
|-------------------|----------------|
| 191 Whole bricks | 2 2-in. slabs |
| 46 Half bricks | 20 3-in. slabs |
| 22 Angle bricks | 5 3-in. slabs |
| 20 Universal pins | |

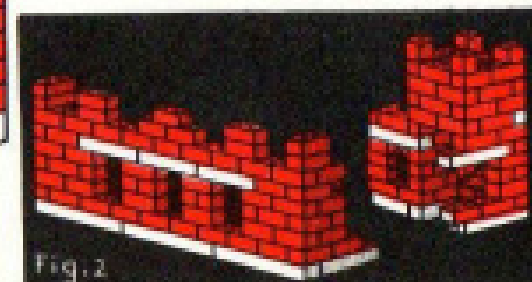
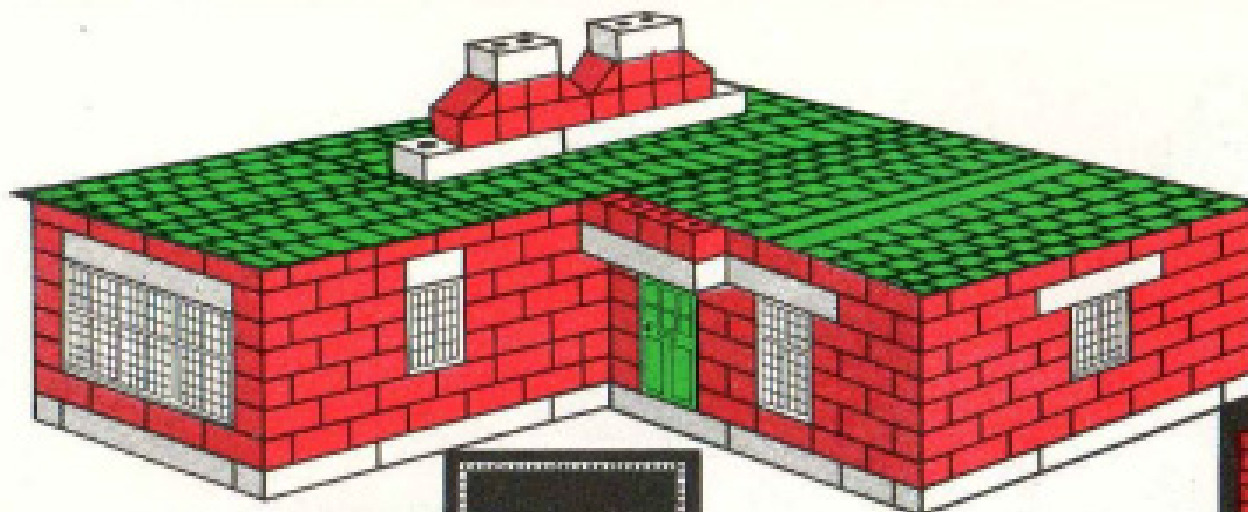


Fig. 2

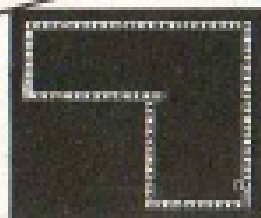
Fig. 2. Detail showing back wall and construction of towers. The wall between towers is similar to the corner "A" in Fig. 1.

MODELS BUILT WITH No. 4 SET



MODEL 4/5 (left) MODERN BUNGALOW

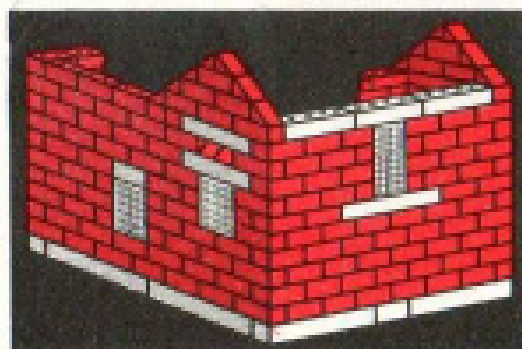
Parts required:
 199 Whole bricks
 64 Half bricks
 4 Angle bricks
 5 1-in. bricks
 19 1-in. bricks
 19 1-in. bricks
 2 House doors
 4 Small windows
 1 Roof No. 1
 4 Large windows
 27 Universal pins
 1 Roof No. 1
 1 Roof No. 2



Ground Plan



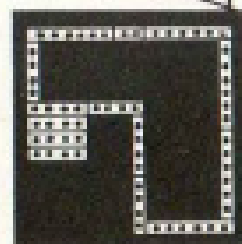
Back view of Modern Bungalow



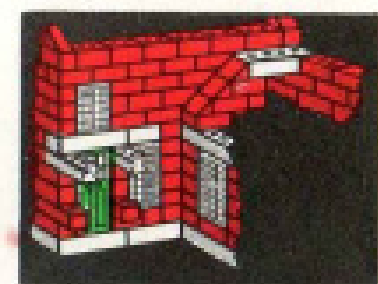
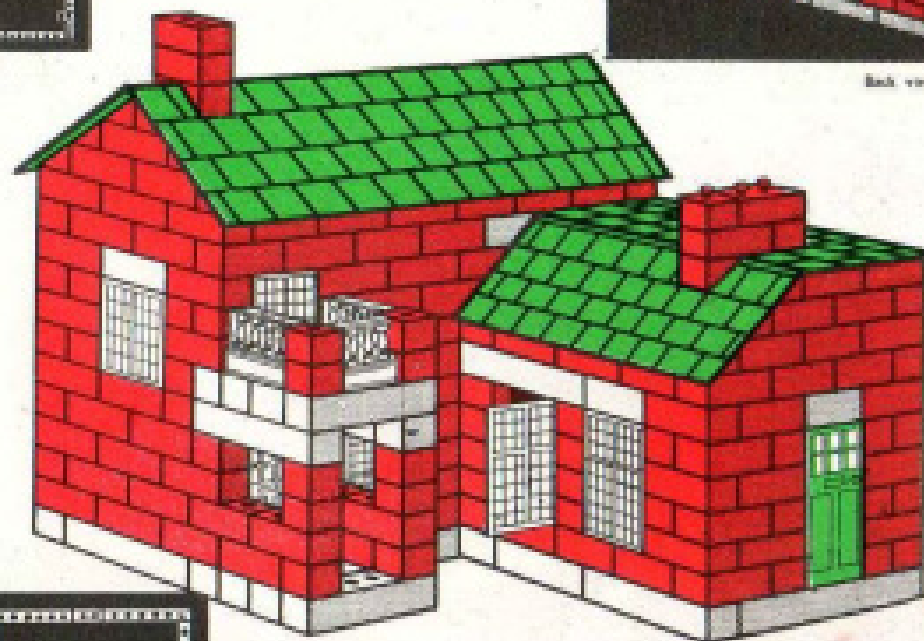
Back view of Residence

MODEL 4/6 (right) RESIDENCE WITH PORTICO

Parts required:
 199 Whole bricks
 58 Half bricks
 20 Angle bricks
 9 1-in. bricks
 31 1-in. bricks
 7 1-in. bricks
 3 House doors
 4 Small windows
 1 Roof No. 2
 4 Large windows
 3 Balustrades
 36 Universal pins
 1 Roof No. 1

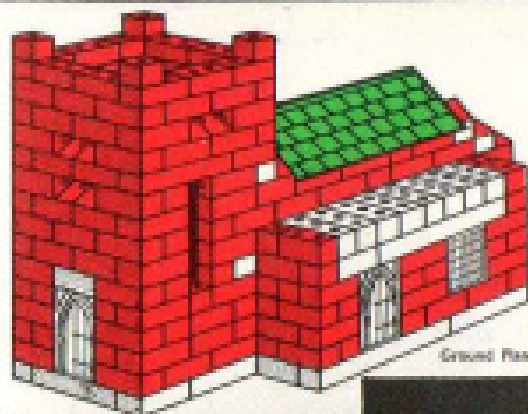


Ground Plan

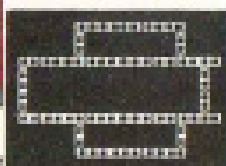


Detail of front of Residence with Portico removed. Two bricks supporting balcony are cut away to show front door.

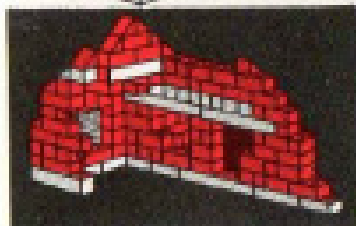
MODELS BUILT WITH No. 4 SET



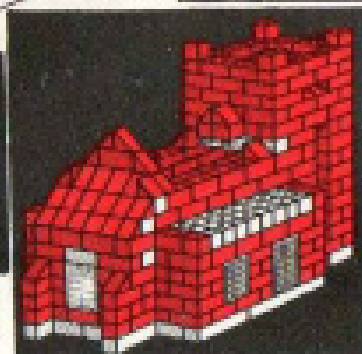
MODEL 4/7
VILLAGE
CHURCH



Ground Plan



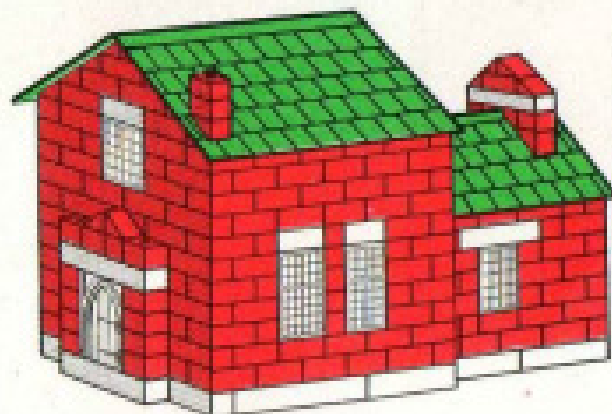
Detail of interior of Church with side wall cut away to explain construction of inside wall and back. Note that on one side of Church there is a Church door and a window, while on the other the door is replaced by a large window.



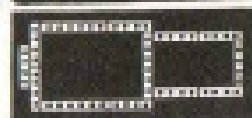
Back view of Village Church

Parts required for Model 4/7:

- | | |
|------------------|-------------------|
| 194 Whole bricks | 13 3-in. tiles |
| 74 Half bricks | 2 Church doors |
| 38 Angle bricks | 3 Small windows |
| 13 1-in. tiles | 1 Large window |
| 24 3-in. tiles | 36 Universal pins |
| | 1 Roof No. 1 |



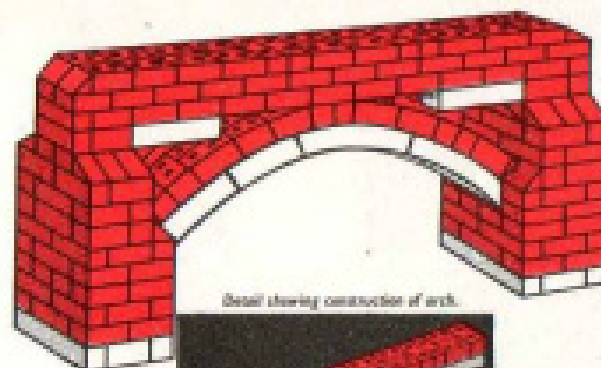
Back view of Mission Hall



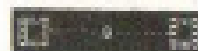
Ground Plan

MODEL 4/9 (left)
MISSION HALL

- Parts required:
- | |
|------------------|
| 193 Whole bricks |
| 50 Half bricks |
| 39 Angle bricks |
| 5 1-in. tiles |
| 16 2-in. tiles |
| 4 3-in. tiles |
| 2 Church doors |
| 3 Small windows |
| 4 Large windows |
| 8 Universal pins |
| 1 Roof No. 1 |
| 1 Roof No. 2 |



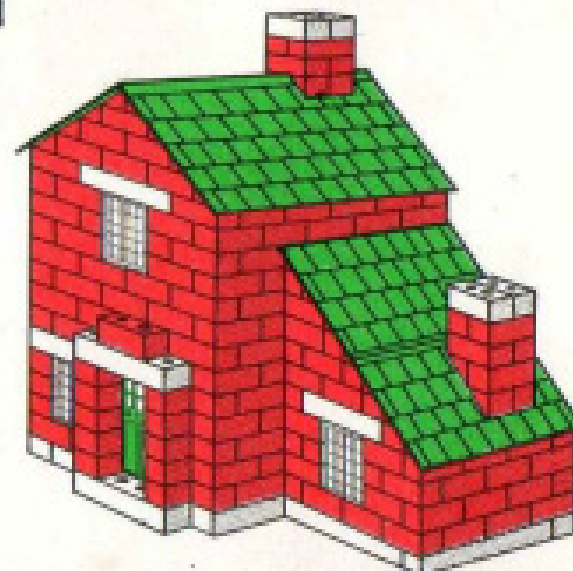
Detail showing construction of arch.



Ground Plan

MODEL 4/8 VIADUCT

- Parts required:
- | | |
|------------------|----------------|
| 193 Whole bricks | 5 1-in. tiles |
| 8 Half bricks | 10 2-in. tiles |
| 24 Angle bricks | 5 3-in. tiles |

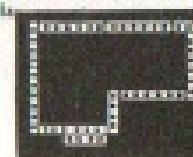


MODEL 4/10 (right) VILLA

- Parts required:
- | |
|-------------------|
| 194 Whole bricks |
| 30 Half bricks |
| 38 Angle bricks |
| 5 1-in. tiles |
| 14 2-in. tiles |
| 7 3-in. tiles |
| 2 House doors |
| 4 Small windows |
| 4 Large windows |
| 32 Universal pins |
| 1 Roof No. 1 |
| 1 Roof No. 2 |



Back view of Villa



Ground Plan

MODELS BUILT WITH No. 5 SET

MODEL 5/1 - - - - - CENTRAL SCHOOL

MODEL 5/2 - - - - - POWER STATION

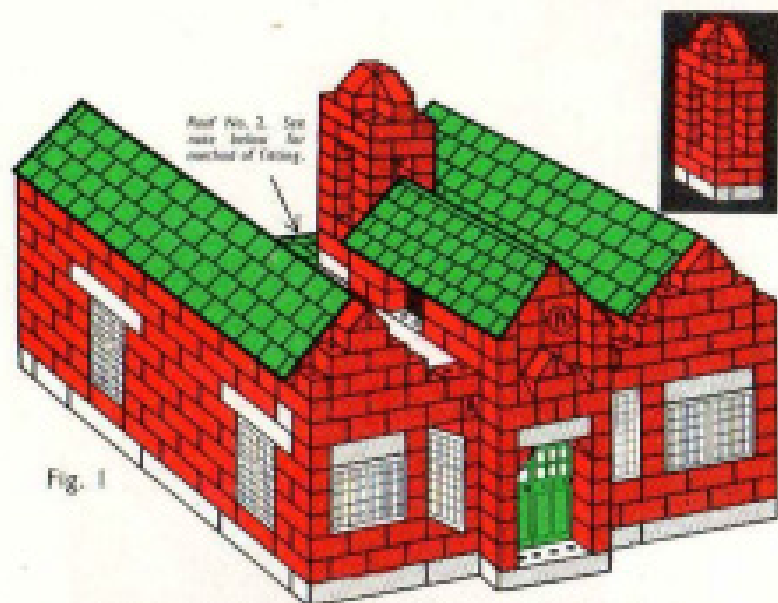


Fig. 1

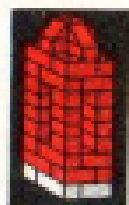


Fig. 2
Detail of Tower

Parts required for Model 5/1:

- 314 Whole bricks
- 86 Half bricks
- 52 Angle bricks
- 12 1-in. linels
- 27 2-in. linels
- 15 3-in. linels
- 3 House doors
- 6 Small windows
- 6 Large windows
- 34 Universal pins
- 1 Roof No. 1
- 1 Roof No. 3
- 2 Roof No. 3

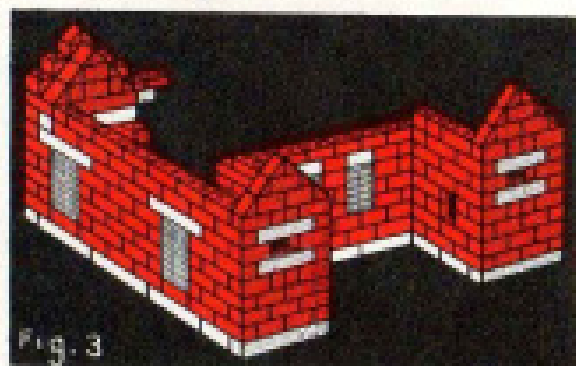


Fig. 3

Back view of Central School

NOTE—Fig. 4 shows interior construction of model with back wall cut away. The tower (Fig. 2) rests on a flat roof (No. 3) as seen in Fig. 1. This roof rests between the back wall and the two bricks ("A") built out from the front wall, as seen in Figs. 1 and 4. This roof also fits underneath and supports the back of roof section ("B").

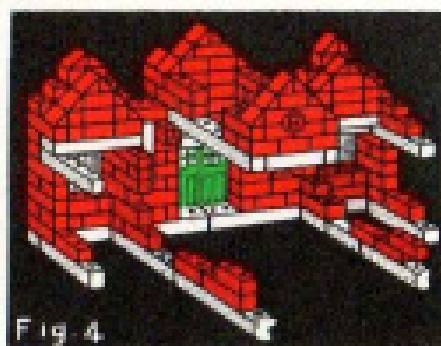
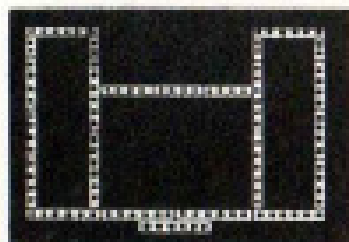


Fig. 4



Ground Plan

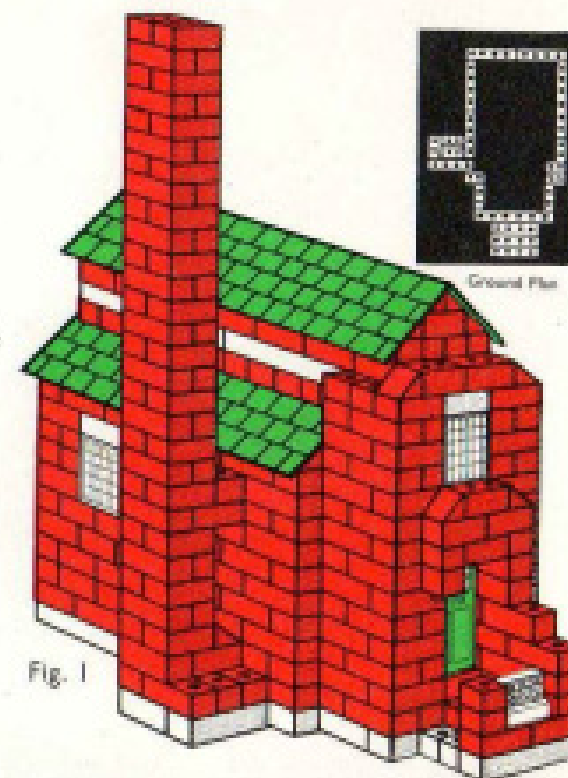
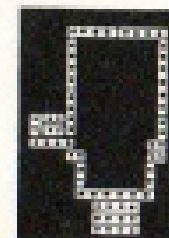


Fig. 1



Ground Plan

Parts required for Model 5/2:

- 277 Whole bricks
- 47 Half bricks
- 57 Angle bricks
- 12 1-in. linels
- 11 3-in. linels
- 7 2-in. linels
- 1 House door
- 4 Small windows
- 3 Large windows
- 2 Universal pins
- 1 Roof No. 1
- 1 Roof No. 3

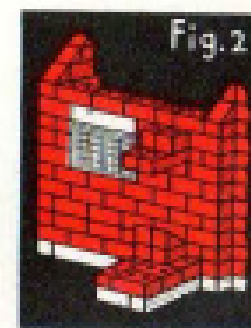


Fig. 2

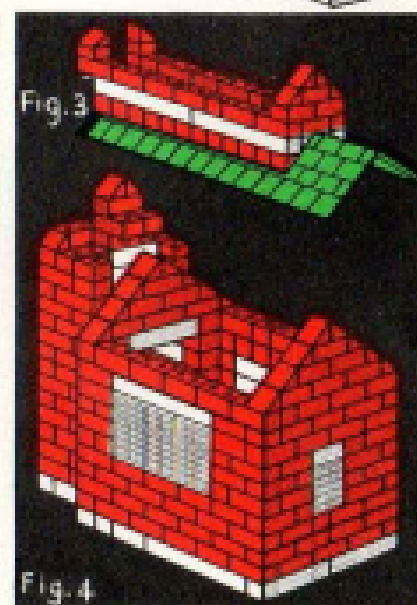


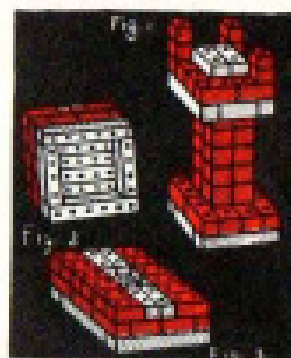
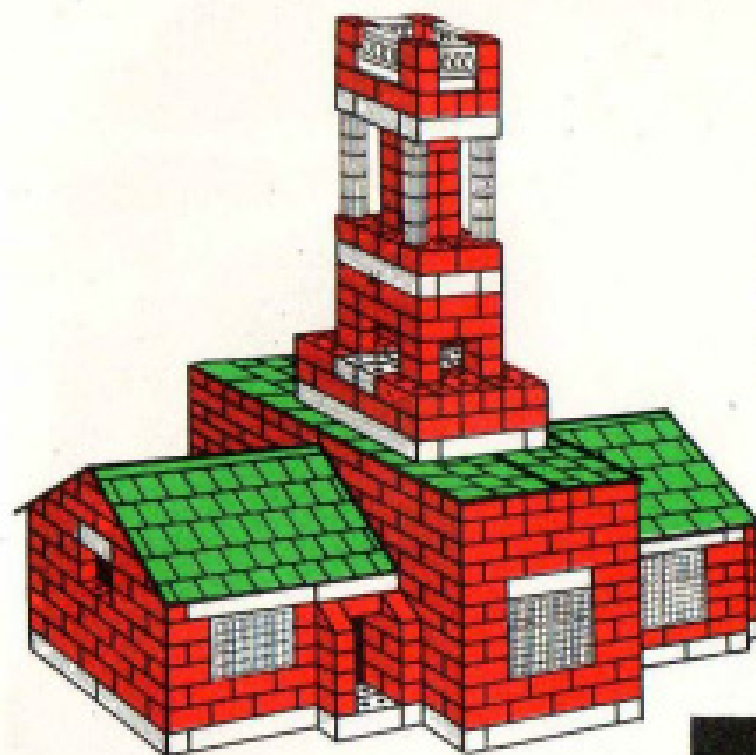
Fig. 3

NOTE—Fig. 2 shows how bricks and linels are built out from wall to support chimney. Fig. 3 shows method of constructing top roof section which rests on the roof of the main building. Fig. 4 shows back view of Power Station.

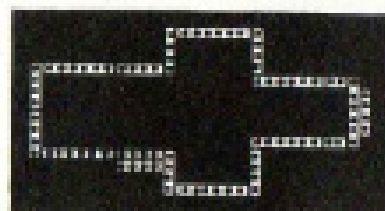
Fig. 4

MODELS BUILT WITH No. 5 SET

MODEL 5/3 - - - - - WATER WORKS



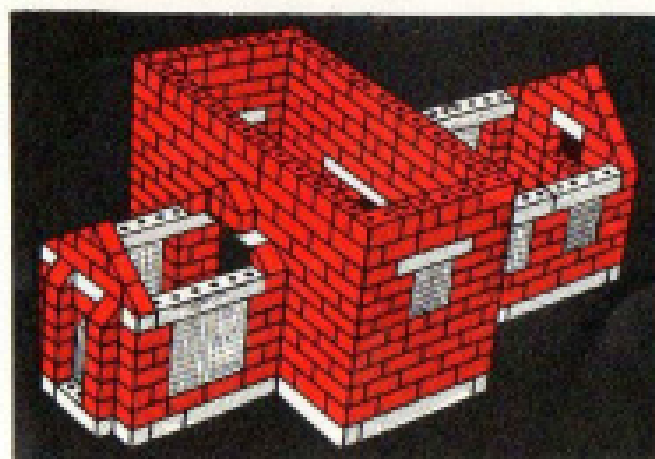
NOTE—Construction details of tower of Water Works, which is built separately from the main building. Fig. 1 shows part of the top of tower before balustrades and Corinthian pillars are fitted. Both the latter are attached by means of universal pins. Fig. 2 is the middle section of tower before adding the half bricks forming the "steps." Fig. 3 is the base of the tower. The completed tower rests on the flat roof (Obs. 2).



Ground Plan

Parts required for Model 5/3:

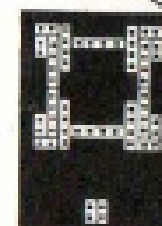
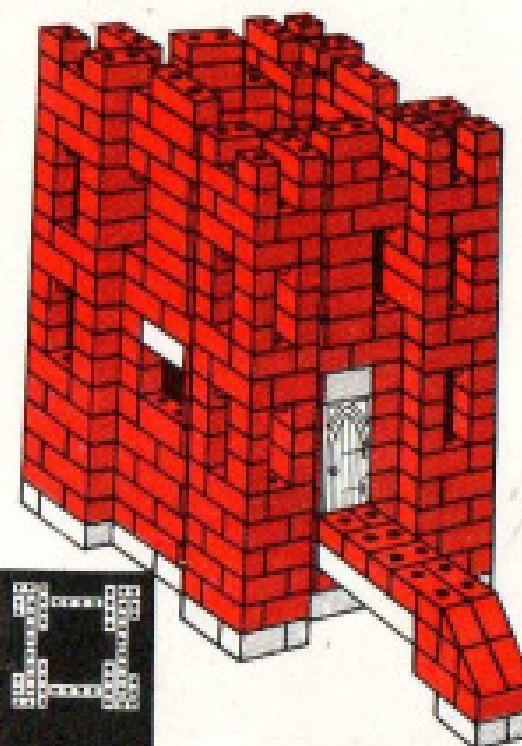
- 302 Whole bricks
- 96 Half bricks
- 26 Angle bricks
- 15 1-in. tiles
- 26 2-in. tiles
- 14 3-in. tiles
- 2 Church doors
- 4 Small windows
- 6 Large windows
- 40 Universal pins
- 20 Corinthian pillars
- 4 Balustrades
- 1 Roof No. 1
- 1 Roof No. 2
- 1 Roof No. 3



Back view of Water Works

MODEL 5/4 - - - - - NORMAN KEEP

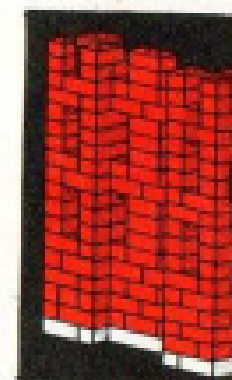
Parts required:
288 Whole bricks
103 Half bricks
40 Angle bricks
13 1-in. tiles
12 2-in. tiles
1 Church door



Ground Plan



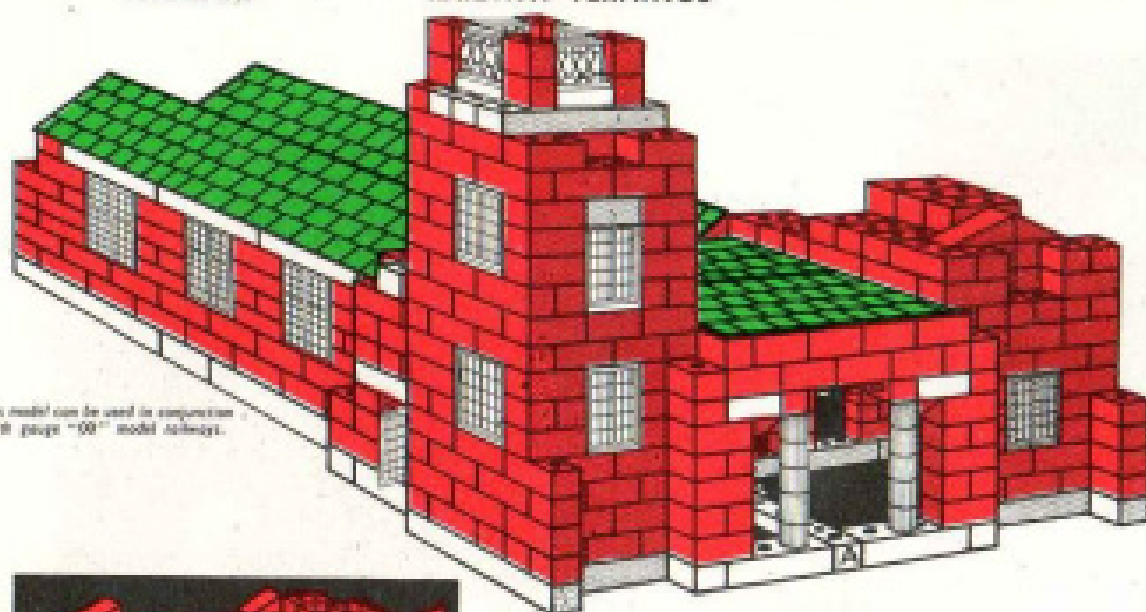
Detail of construction of the base of the Keep.



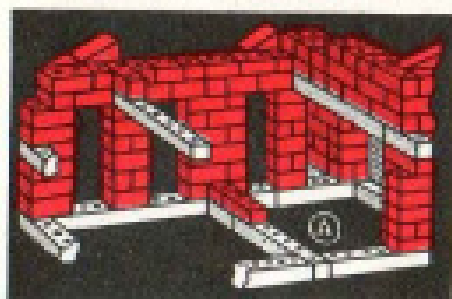
Detail of back wall of Norman Keep.

MODELS BUILT WITH No. 5 SET

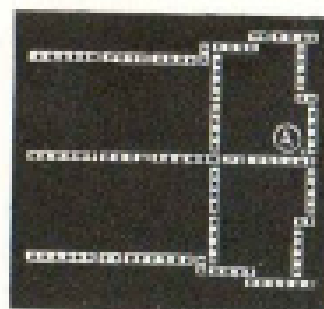
MODEL 5/5 RAILWAY TERMINUS



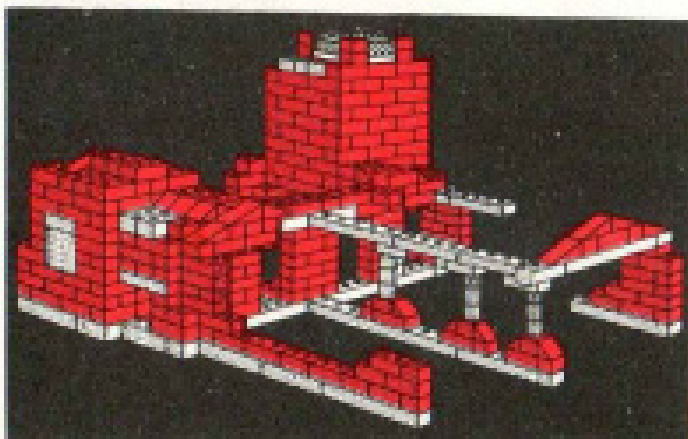
This model can be used in conjunction with page "100" model railways.



Detail of interior construction. This diagram can be readily identified by means of the 3-in. lineal ("A") on the ground plan and in the main diagram above.



Ground Plan



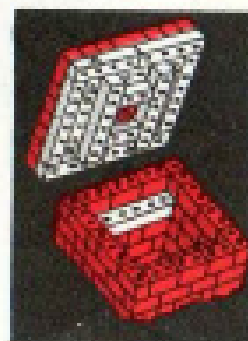
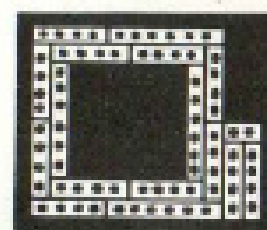
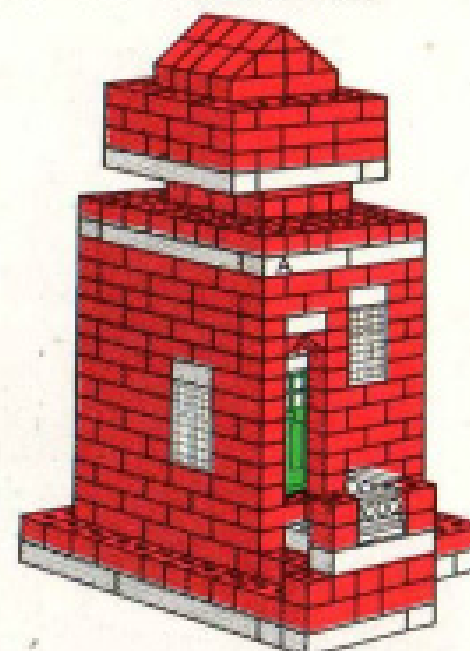
Back view of Railway Terminus with side walls cut away to show interior construction.

Parts Required for Model 5/5:

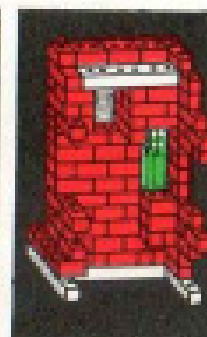
- 296 Whole bricks
- 100 Half bricks
- 14 Angle bricks
- 18 1-in. lineals
- 29 3-in. lineals
- 15 2-in. lineals
- 6 Small windows
- 6 Large windows
- 42 Universal pins
- 19 Corinthian pillars
- 4 Balustrades
- 16 Double angle bricks
- 1 Roof No. 1
- 2 Roofs No. 3

MODEL 5/6 LIGHTHOUSE

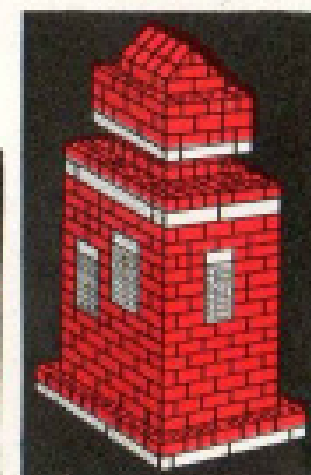
- Parts required:
- 300 Whole bricks
 - 79 Half bricks
 - 18 Angle bricks
 - 11 1-in. lineals
 - 21 2-in. lineals
 - 10 3-in. lineals
 - 1 House door
 - 5 Large windows
 - 10 Universal pins
 - 2 Balustrades



Detail of construction of top of main section of lighthouse. The 3-in. lineal ("A") will readily show the exact position of this section. Note use of universal pins.



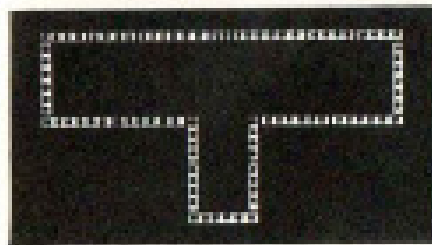
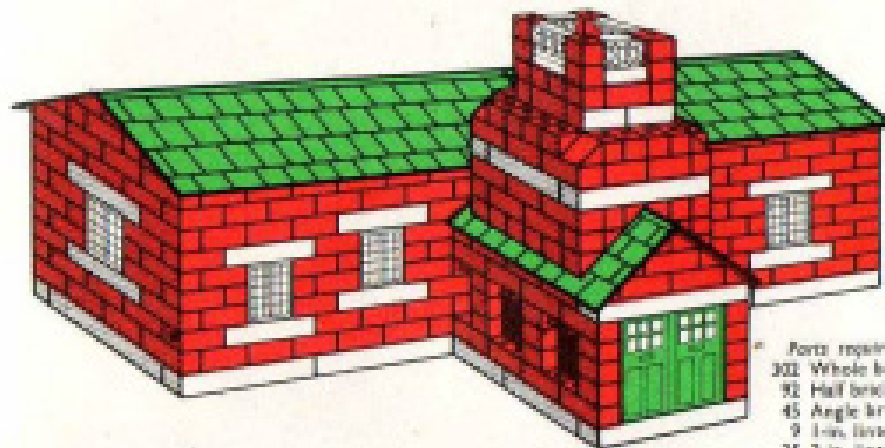
Detail of interior of model showing construction of doorway.



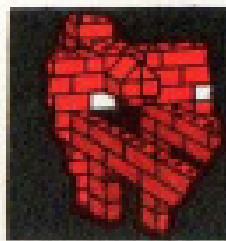
Back view of Lighthouse

MODELS BUILT WITH No. 5 SET

MODEL 5/7 . . . FOREST FIRE STATION

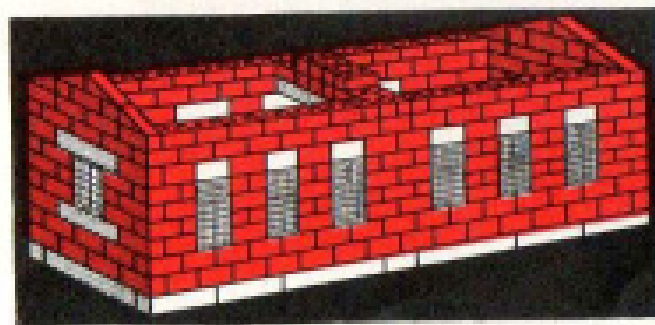


Ground Plan



Detail showing back of entrance (left). Note how support for roof.

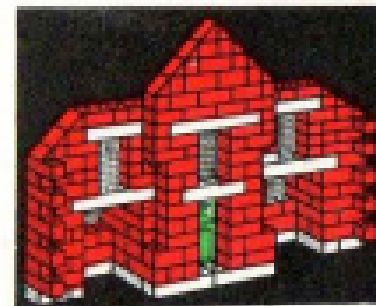
- Parts required:
- 302 Whole bricks
 - 92 Half bricks
 - 45 Angle bricks
 - 9 1-in. insets
 - 25 2-in. insets
 - 14 3-in. insets
 - 3 House doors
 - 6 Small windows
 - 6 Large windows
 - 35 Universal pins
 - 16 Double angle bricks
 - 4 Balustrades
 - 1 Roof No. 1
 - 3 Roof No. 3



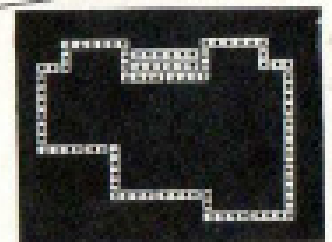
Back view of Forest Fire Station

MODEL 5/8 . . . MANOR HOUSE

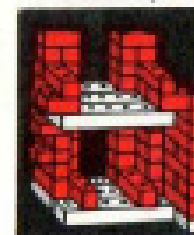
- Parts required:
- 314 Whole bricks
 - 88 Half bricks
 - 13 Angle bricks
 - 12 1-in. insets
 - 23 2-in. insets
 - 13 3-in. insets
 - 3 House doors
 - 6 Small windows
 - 6 Large windows
 - 42 Universal pins
 - 14 Corinthian pillars
 - 4 Balustrades
 - 1 Roof No. 1
 - 1 Roof No. 2
 - 1 Roof No. 3



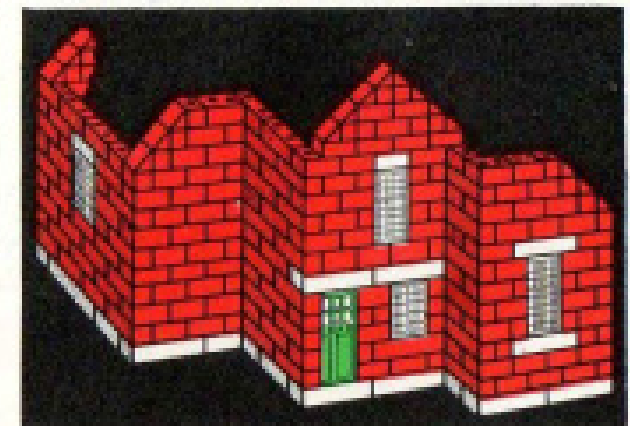
Detail of front wall on, note from the interior of the model. Note construction of window bays.



Ground Plan



Detail of construction of front porch before fitting Corinthian pillars and balustrades.

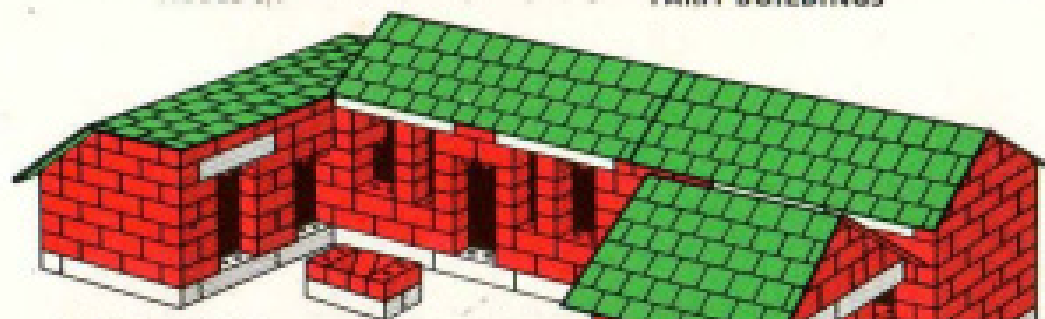


Back view of Manor House

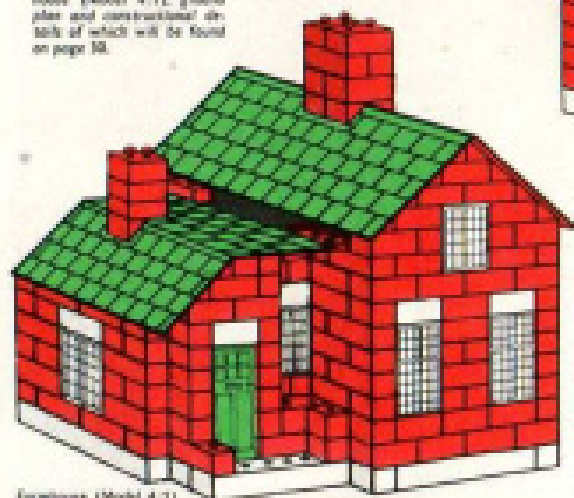
MODELS BUILT WITH No. 6 SET

MODEL 4/1

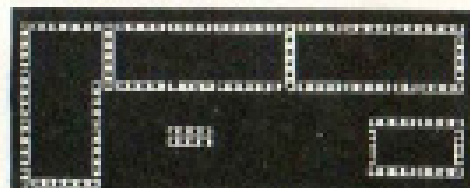
FARM BUILDINGS



This model includes Farmhouse (Model 4/1), ground plan and construction details of which will be found on page 38.

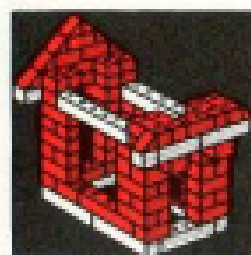


Farmhouse (Model 4/1)

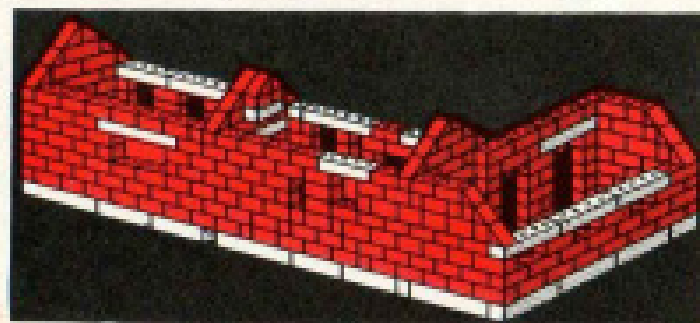
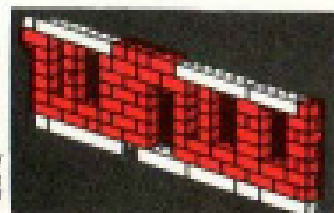


Ground Plan

Detail of wall of main building concealed by shed -- A --



Detail of Shed -- A --



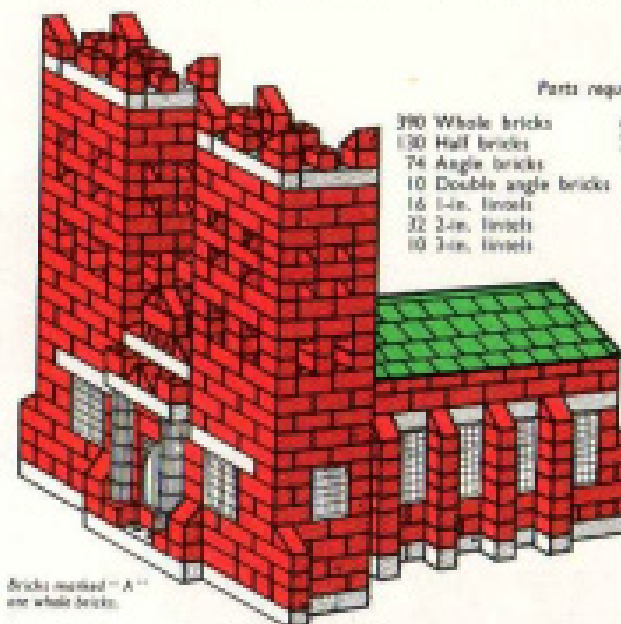
Back view of Farm Buildings

Parts required for Model 4/1 (including Farmhouse):

- | | |
|-------------------|-----------------|
| 462 Whole bricks | 1 House door |
| 114 Half bricks | 4 Small windows |
| 74 Angle bricks | 4 Large windows |
| 13 1-in. levels | 1 Roof No. 1 |
| 40 2-in. levels | 2 Roofs No. 2 |
| 19 3-in. levels | 1 Roof No. 3 |
| 32 Universal pins | |

MODEL 4/2

CATHEDRAL



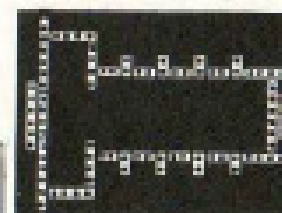
Parts required:

- | | |
|------------------------|-----------------------|
| 390 Whole bricks | 60 Universal pins |
| 130 Half bricks | 20 Corinthian pillars |
| 74 Angle bricks | 2 Church doors |
| 10 Double angle bricks | 4 Small windows |
| 16 1-in. levels | 10 Large windows |
| 22 2-in. levels | 1 Roof No. 3 |
| 10 3-in. levels | |

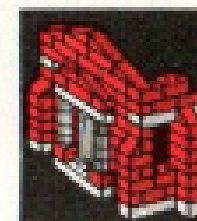
Bricks marked "A" are whole bricks.

NOTE

In order to simplify the diagrams, the small holes for doors and windows are omitted.



Ground Plan



Detail of end wall of side.

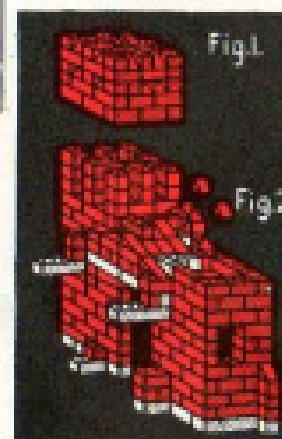
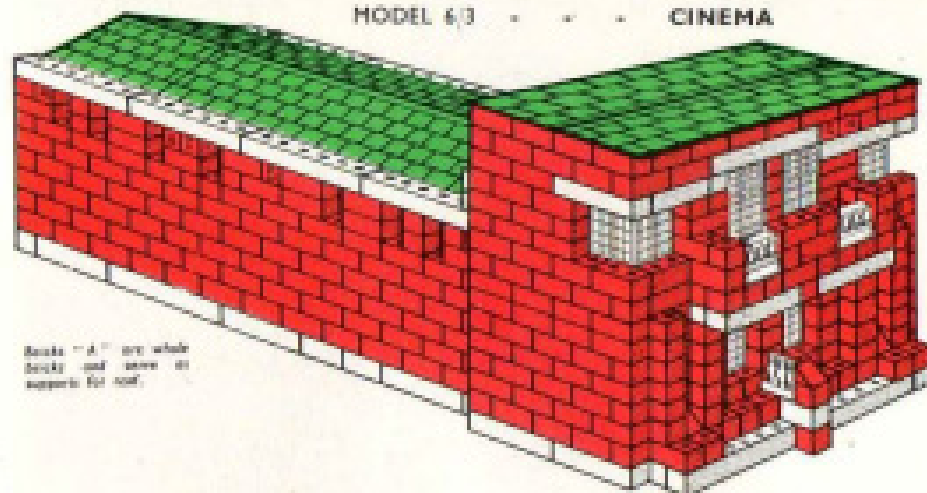


Fig. 1. Shows method of construction of top of tower, which fits closely on section shown in Fig. 2.

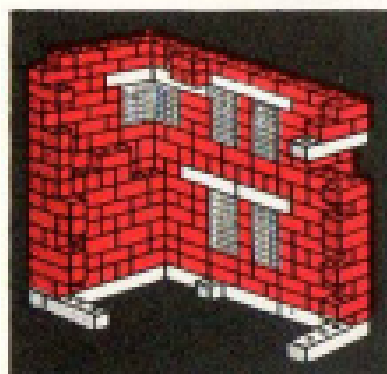
Fig. 2. Showing interior construction. Two angle bricks are removed to show position of supporting bricks.

MODELS BUILT WITH No. 6 SET

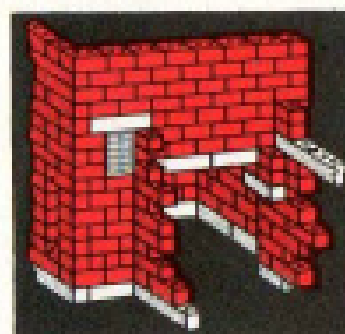
MODEL 6/3 CINEMA



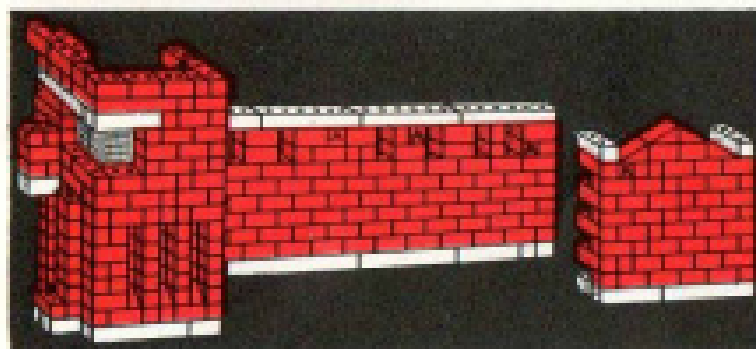
Bricks "A" are whole bricks and serve as supports for roof.



Detail of inside of entrance hall. The exact position of this will be easily identified by the corner windows.

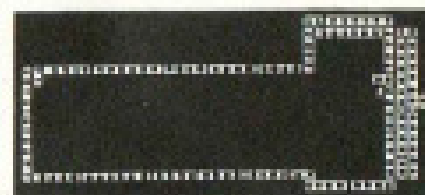


Detail showing how side is built on to entrance hall.



Back of Cinema. Bricks "A" are whole bricks serving to support roof.

Detail of end wall of side.

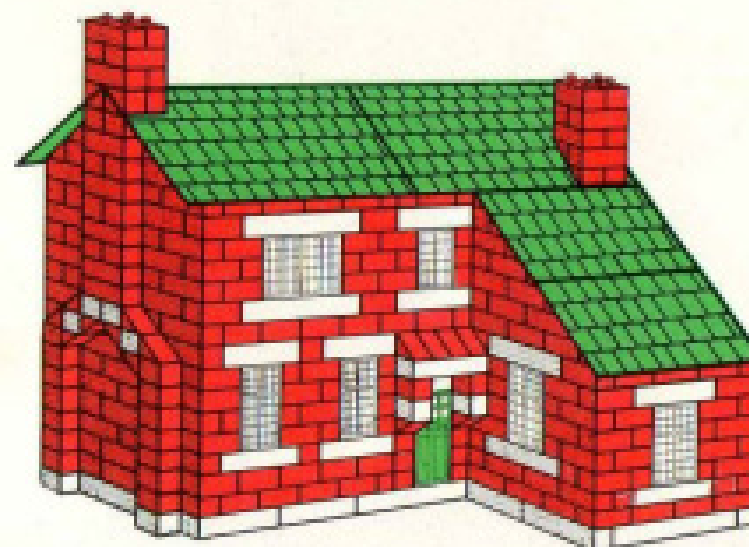


Ground Plan

Parts required for Model 6/3:

- | | |
|-----------------------|-------------------|
| 445 Whole bricks | 60 Universal pins |
| 110 Half bricks | 1 Balustrade |
| 6 Angle bricks | 5 Small windows |
| 4 Double angle bricks | 4 Large windows |
| 9 1-in. tiles | 1 Roof No. 1 |
| 29 2-in. tiles | 1 Roof No. 3 |
| 17 3-in. tiles | |

MODEL 6/4 RESIDENCE

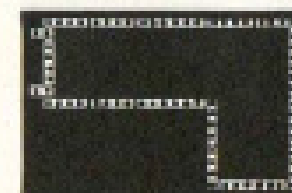


Parts required for Model 6/4:

- | | | |
|------------------|-------------------|------------------|
| 360 Whole bricks | 30 2-in. tiles | 4 Small windows |
| 96 Half bricks | 14 3-in. tiles | 10 Large windows |
| 64 Angle bricks | 60 Universal pins | 1 Roof No. 1 |
| 10 1-in. tiles | 3 House doors | 2 Roof No. 3 |



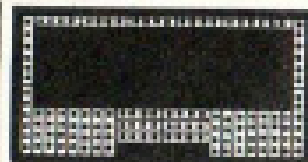
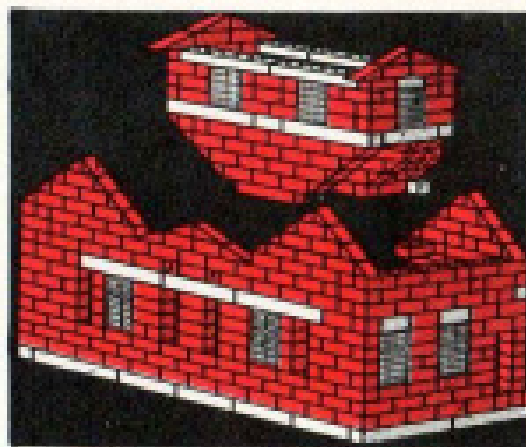
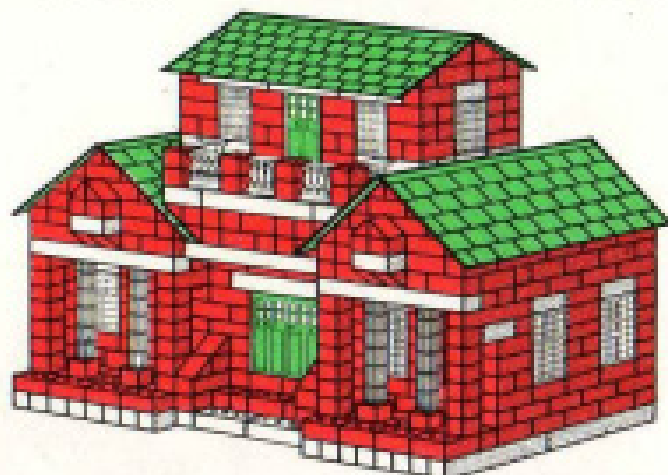
Back view of Residence



Ground Plan

MODELS BUILT WITH No. 6 SET

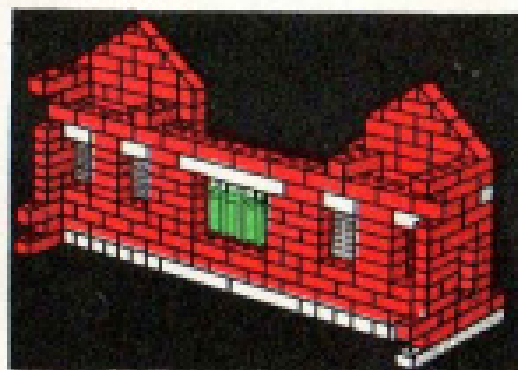
MODEL 4/5 - - - - - SPORTS PAVILION



Ground Plan

(Left) Back side of Sports Pavilion. Bricks "4" are whole bricks. Note that top story is built separately and fits between the two roofs of the lower part of the building.

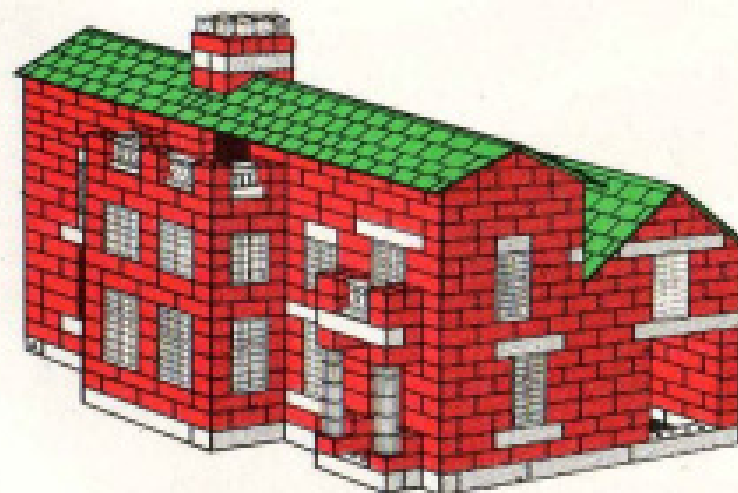
(Below) Front wall of Pavilion, viewed from inside.



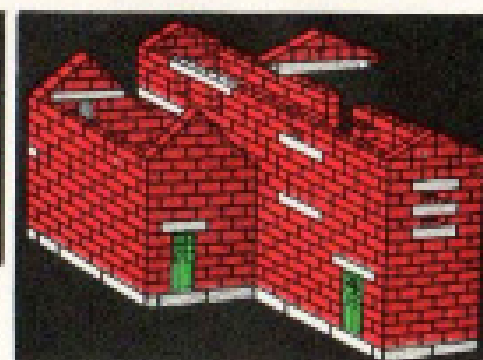
Parts required for Model 4/5:

- 80 Whole bricks
- 130 Half bricks
- 70 Angle bricks
- 13 Double angle bricks
- 16 1-in. linels
- 37 2-in. linels
- 18 3-in. linels
- 32 Universal pins
- 5 Balustrades
- 24 Corinthian pillars
- 3 House doors
- 6 Small windows
- 10 Large windows
- 1 Roof No. 1
- 3 Roof No. 2
- 1 Roof No. 3

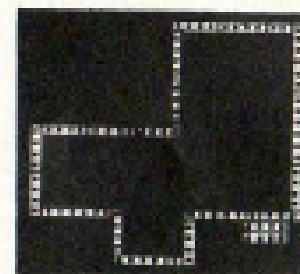
MODEL 4/6 - - - - - COUNTRY HOUSE



Detail of front wall and side of top. Linel "4" on main drawing and detail above wall already erect; position.



Back side of Country House. Note two 1" x 1" which supports ends of the two roofs where they join. This is pinned to whole brick "8" and corresponding brick on other side of wall and to the top of each wall immediately above those two bricks.



Ground Plan

Parts required for Model 4/6:

- 462 Whole bricks
- 117 Half bricks
- 32 Angle bricks
- 16 Double angle bricks
- 6 1-in. linels
- 40 2-in. linels
- 10 3-in. linels
- 60 Universal pins
- 5 Balustrades
- 22 Corinthian pillars
- 3 House doors
- 6 Small windows
- 10 Large windows
- 1 Roof No. 1
- 1 Roof No. 2
- 1 Roof No. 3

MODELS BUILT WITH No. 6 SET

MODEL 6/7

PUBLIC LIBRARY

MODEL 6/8

MODERN FACTORY

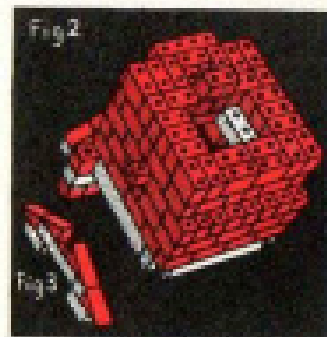


Fig. 2. Section of tower showing how half bricks are used to create a roof over the tower. The complete assembly is shown in Fig. 5.

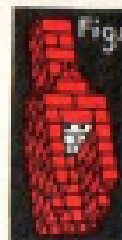


Fig. 1. Detail of top of tower from front. Note space for window.

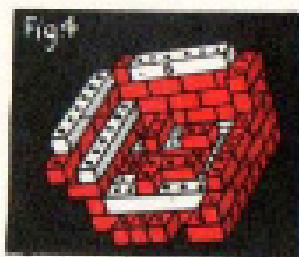
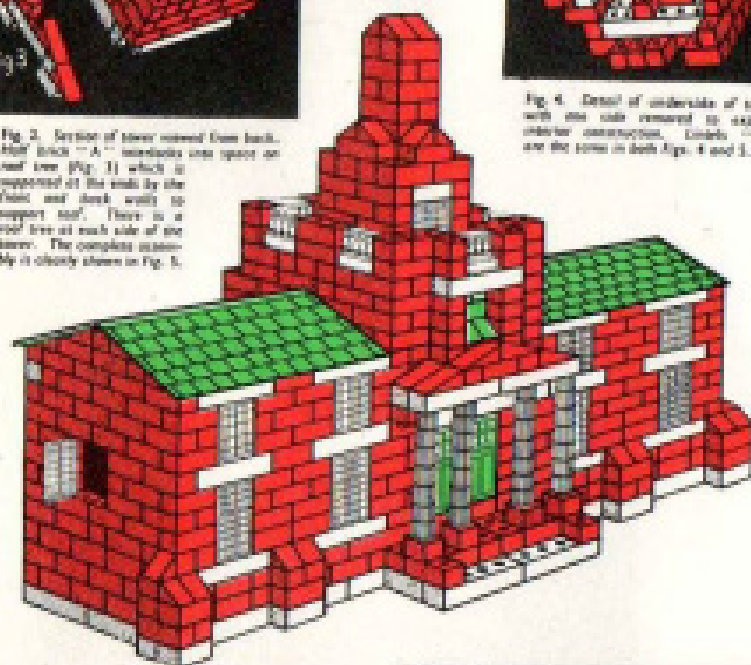
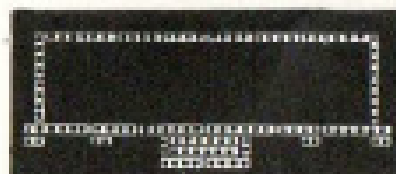


Fig. 4. Detail of underside of tower with one side removed to explain interior construction. Bricks "B" and "C" are the same in both Figs. 4 and 5.



Parts required for Model 6/7:

- | | |
|------------------------|-----------------------|
| 462 Whole bricks | 60 Universal pins |
| 116 Half bricks | 7 Balustrades |
| 24 Angle bricks | 26 Corinthian pillars |
| 23 Double Angle bricks | 3 House doors |
| 13 1-in. tiles | 6 Small windows |
| 38 2-in. tiles | 10 Large windows |
| 18 3-in. tiles | 2 Roofs No. 2 |



Ground Plan

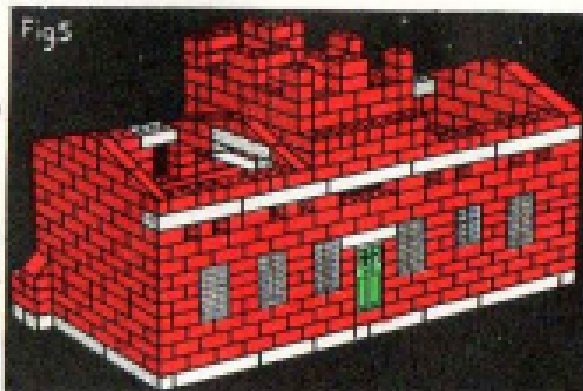


Fig. 5. Back view of Public Library.

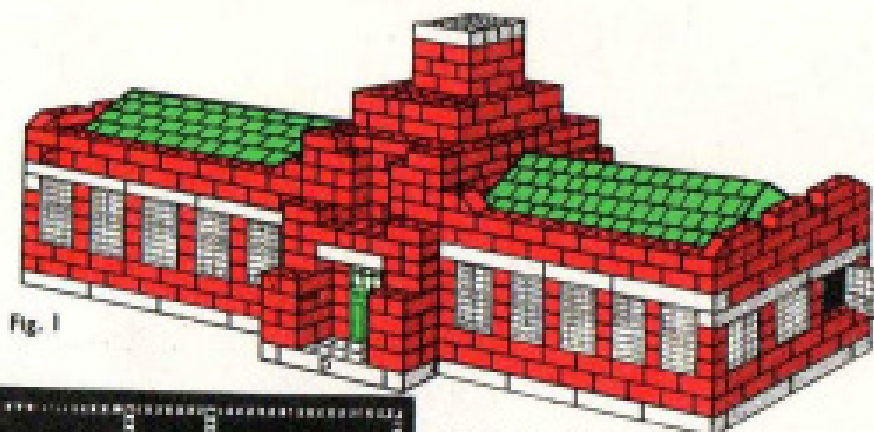
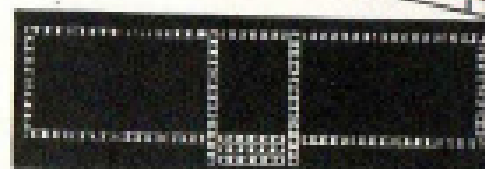


Fig. 1



Ground Plan

Parts required for Model 6/8:

- | |
|-------------------|
| 462 Whole bricks |
| 128 Half bricks |
| 4 Angle bricks |
| 1 1-in. tile |
| 37 2-in. tiles |
| 19 3-in. tiles |
| 34 Universal pins |
| 1 House door |
| 6 Small windows |
| 10 Large windows |
| 2 Roofs No. 2 |

Fig. 2 (detail). Back view of Modern Factory. Note how tower is built up. Bricks "B" and "C" are whole bricks (see also Fig. 3) which with whole bricks "B" and "C" support roof. Brick "C" is also seen in Fig. 5.

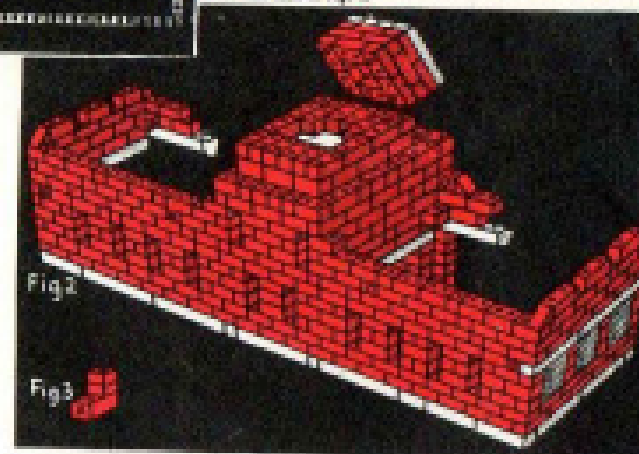


Fig. 2

Fig. 3

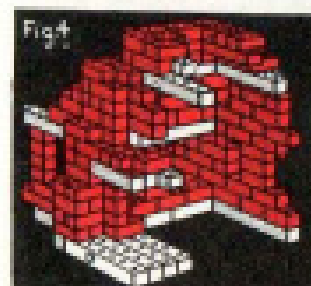


Fig. 4

Fig. 4. Half-section of tower and front entrance to show interior construction. Bricks "B" and "C" in Fig. 4 and above showing will clearly show position.

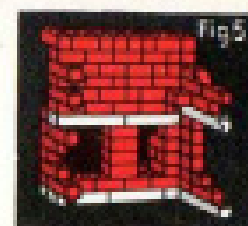


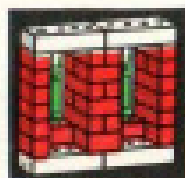
Fig. 5

Fig. 5. Detail of lower portion of tower wall inside building. Half bricks "D" in above diagram and Fig. 4 serve to clearly show position of this section.

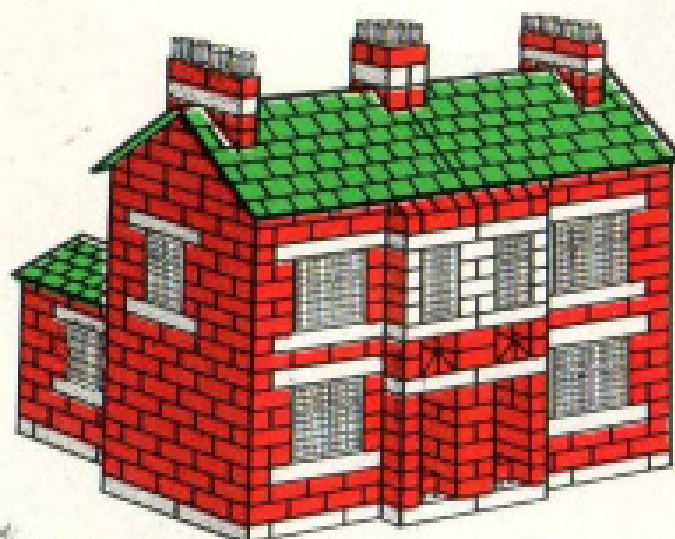
MODELS BUILT WITH No. 7 SET

MODEL 7/1

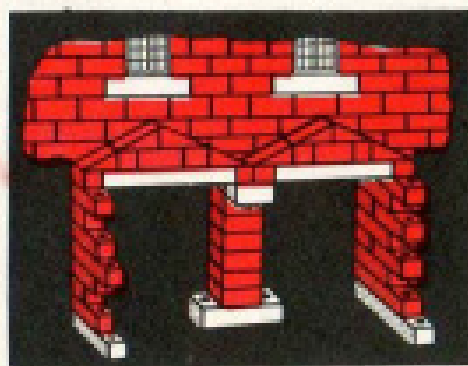
SEMI-DETACHED HOUSES



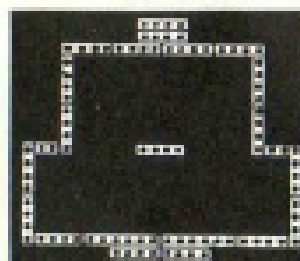
Detail of doorway



- Parts required:
- | | |
|------------------------|-----------------------|
| 446 Whole bricks | 63 Universal pins |
| 74 Half bricks | 12 Corinthian pillars |
| 56 Angle bricks | 3 House doors |
| 16 Double angle bricks | 6 Small windows |
| 7 1-in. tiles | 12 Large windows |
| 44 2-in. tiles | 3 Roofs No. 1 |
| 16 3-in. tiles | 3 Roofs No. 2 |



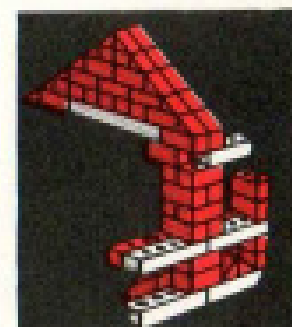
Detail of rear section of back part of house to show supporting member for main back wall (see also back view).



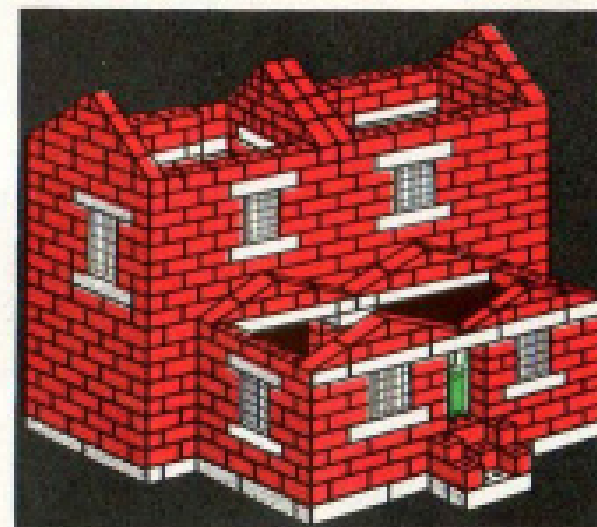
Ground Plan

NOTE

In order to simplify the diagrams, the small holes for doors and windows are omitted.



Construction of roof truss forming party wall (see also back view) and detail above door. The position of this section will be readily identified by the angle bricks above doors.



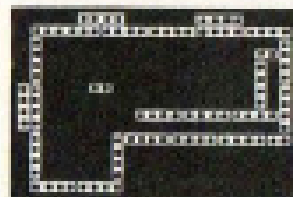
Back view of Semi-detached Houses.

MODELS BUILT WITH No. 7 SET

MODEL 7/2

MODERN FLATS

This is a complicated model to build, but if the diagrams are carefully studied and compared with one another, there should be no real difficulty in constructing this handsome model.



Ground Plan

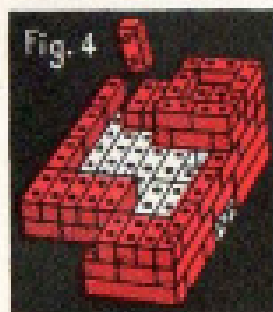


Fig. 4. Detail of construction of part of roof seen from back.
Fig. 5. Detail of supporting frame.
"Ad." also seen in Figs. 1 and 6.

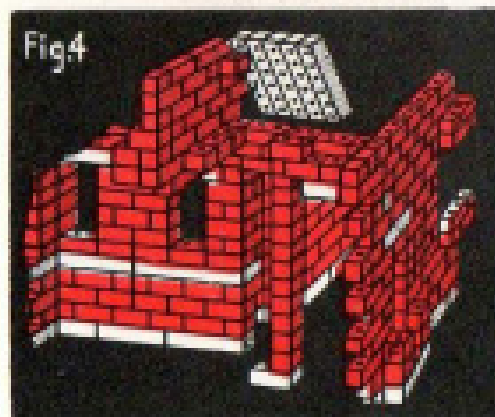
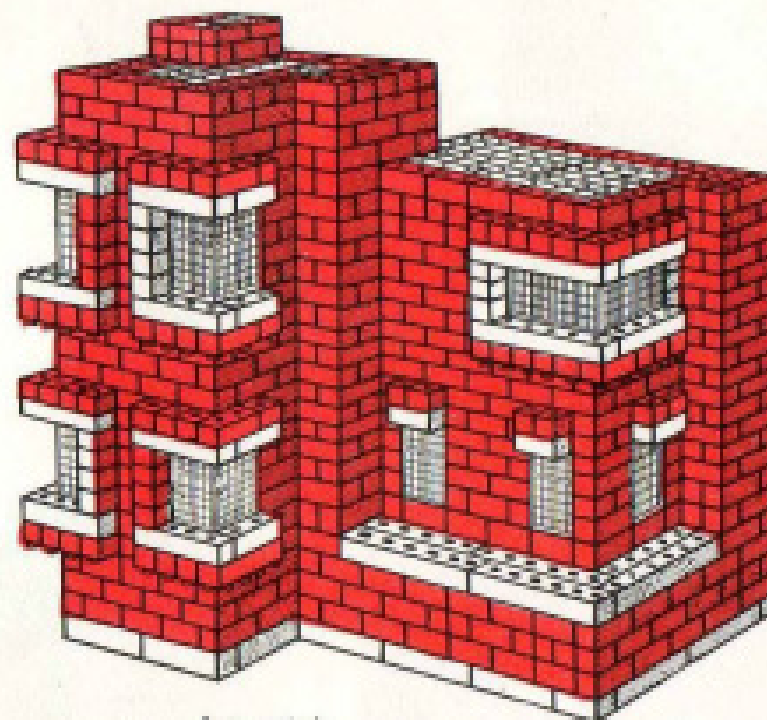


Fig. 4. Detail construction of right-hand back corner of model (as in Fig. 4) with part of side and back walls removed to show supporting member. The position of this diagram is easily identified by comparing it with Fig. 4, when it will be seen that right-hand wall of this diagram corresponds to right-hand wall in Fig. 6.



Parts required:

765 Whole bricks
130 Half bricks
36 1-in. lintels
60 2-in. lintels
33 3-in. lintels

84 Universal pins
3 House doors
6 Small windows
12 Large windows

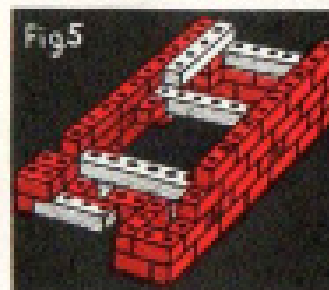


Fig. 5. Section of back wall showing construction of roof. Bricks "Ad." are also seen in Fig. 4.

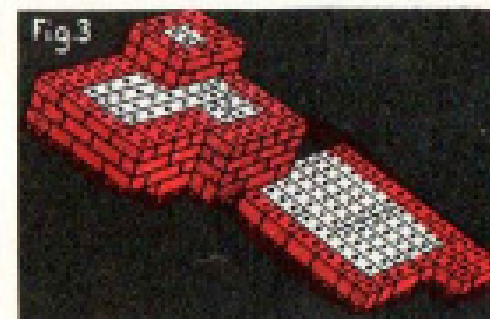


Fig. 3. Finished appearance of entire roof.

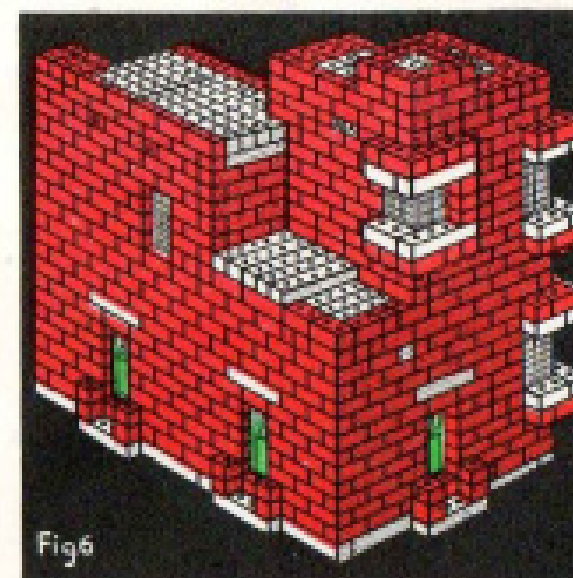


Fig. 6. Back view of the building.

MODELS BUILT WITH No. 7 SET

MODEL 7/3

SKYSCRAPER

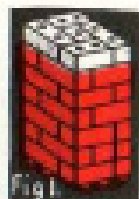


Fig. 1.
Detail of top of
Tower (1) on main
diagram.



Fig. 2.
Detail of Tower (2) on main diagram.

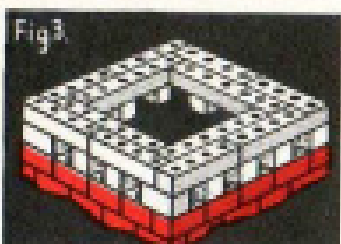


Fig. 3.
Detail of top of main column of Tower (3) on
main diagram.

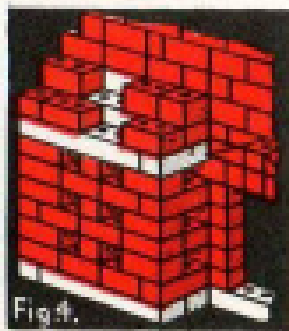
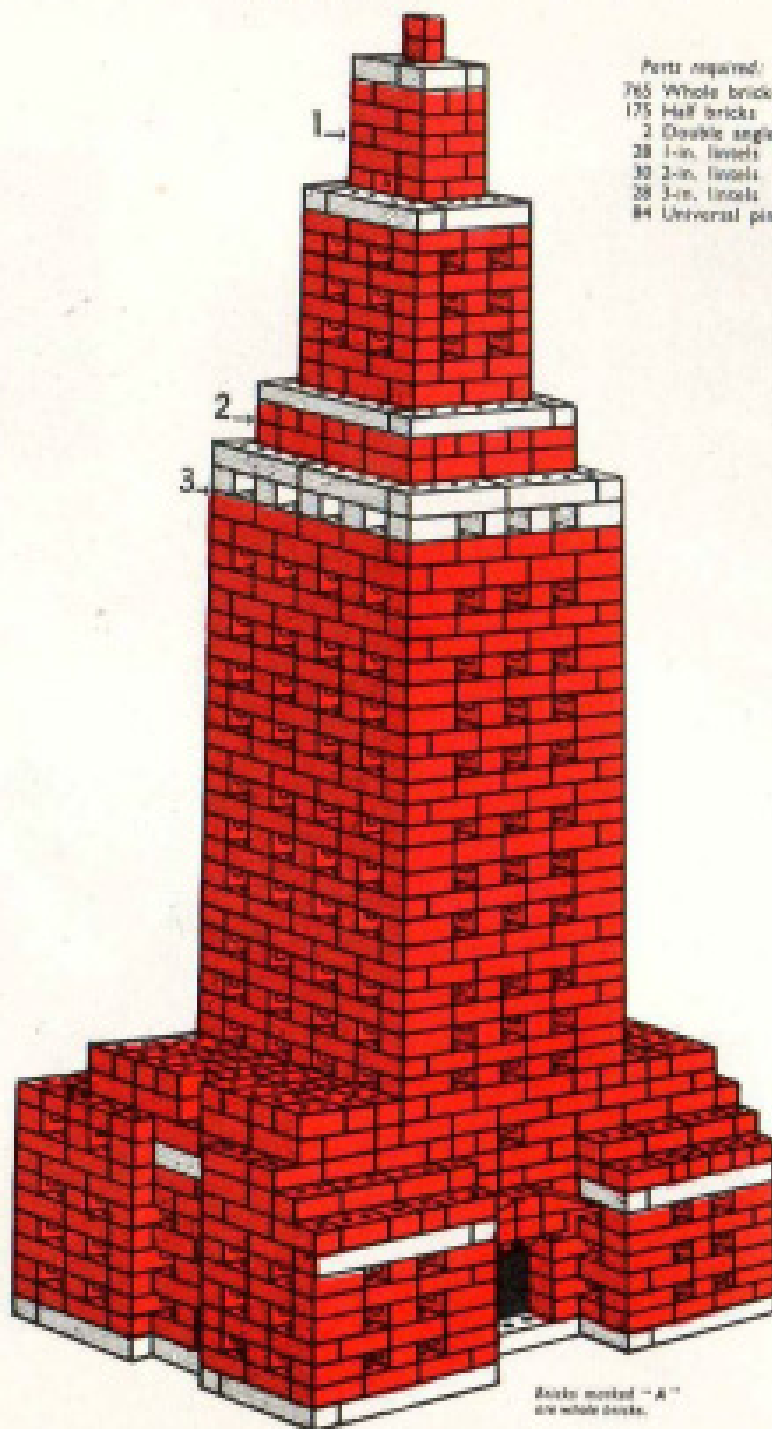
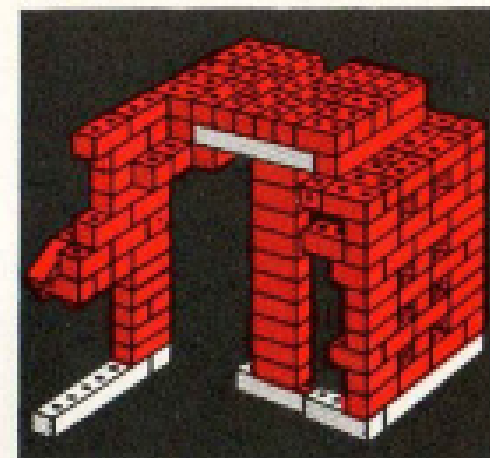


Fig. 4.
Detail of front of base of skyscraper with
bricks removed to indicate position of
supporting members.

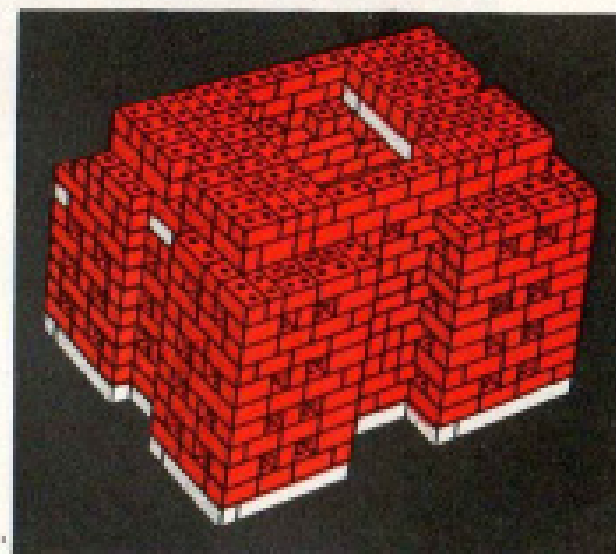


Parts required:
765 Whole bricks
175 Half bricks
3 Double angle bricks
28 1-in. insels
30 2-in. insels
28 3-in. insels
84 Universal pins

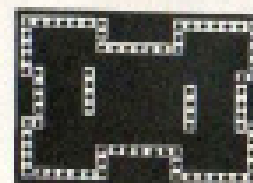
Bricks marked "A"
are whole bricks.



Isometric construction of base section showing one of the supporting
members. The position of the corresponding member on
the other side of base can be seen from the ground plan.



Back view of base of skyscraper. Note that the Tower is exactly the same on all sides.

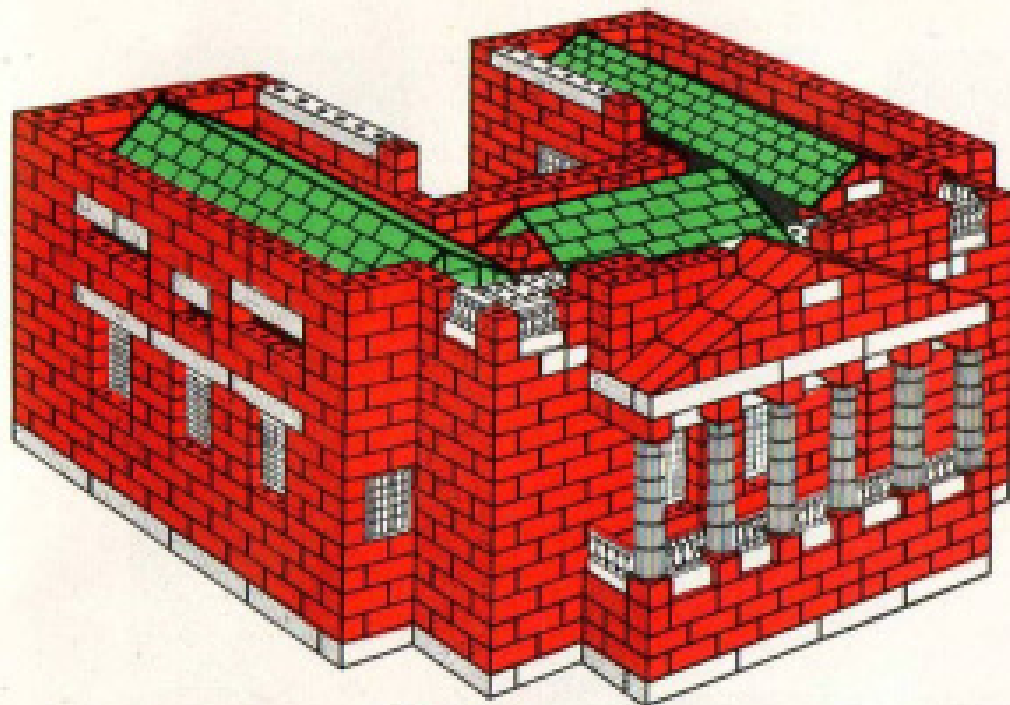


Ground Plan

MODELS BUILT WITH No. 7 SET

MODEL 7/4

OPERA HOUSE



765 Whole bricks
170 Half bricks
36 Double angle bricks
89 1-in. latches
60 2-in. latches

Parts required:
22 3-in. latches
84 Universal pins
11 Balustrades
26 Corinthian pillars
2 House doors

1 Church doors
6 Small windows
12 Large windows
1 Roof No. 1
2 Roofs No. 3

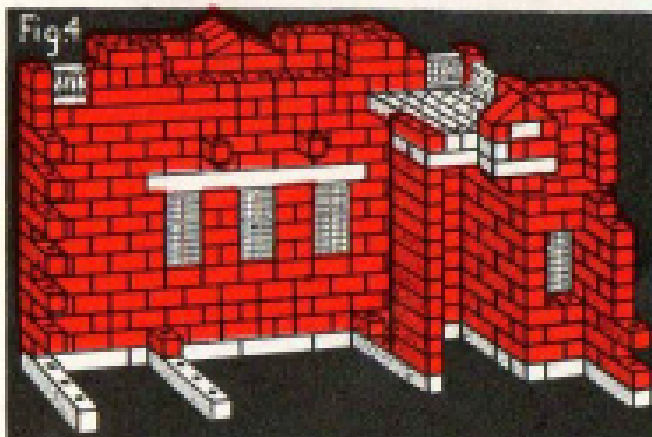


Fig. 4. Inside of part of front of Opera House showing front roof supports. The position of this diagram can easily be identified by means of the corner balustrades.

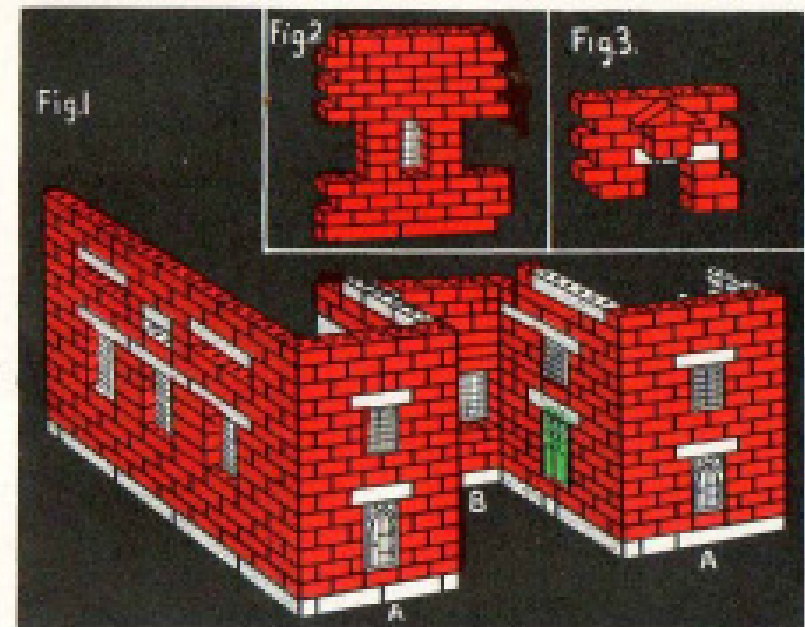


Fig. 1. Side and back view of Opera House. Fig. 2. Detail of wall "B" (immediately below in Fig. 1). Fig. 3. Top part of walls "A" and "B" seen from inside building, showing back supports for roofs.

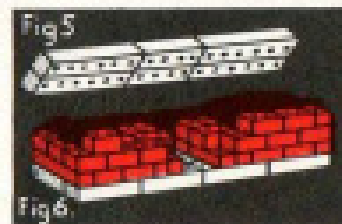
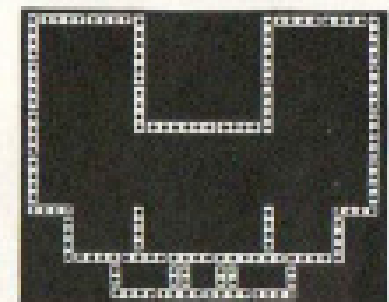


Fig. 5. Detail of floor of balcony. Half bricks spanning the pinholes of the columns lie on top of these lines.

Fig. 6. Detail of construction of balcony. Several bricks have been removed to show interior construction.



Ground Plan

Special Large Minibrix Models

The models on the three following pages are designed to be built on the special Minibrix base plates. When starting to build them, the bricks forming the foundations should be pinned to the base plate by means of Universal Pins. One pin at the end of each lateral wall is found sufficient for this purpose.

MODEL 5/1

TOWN HALL

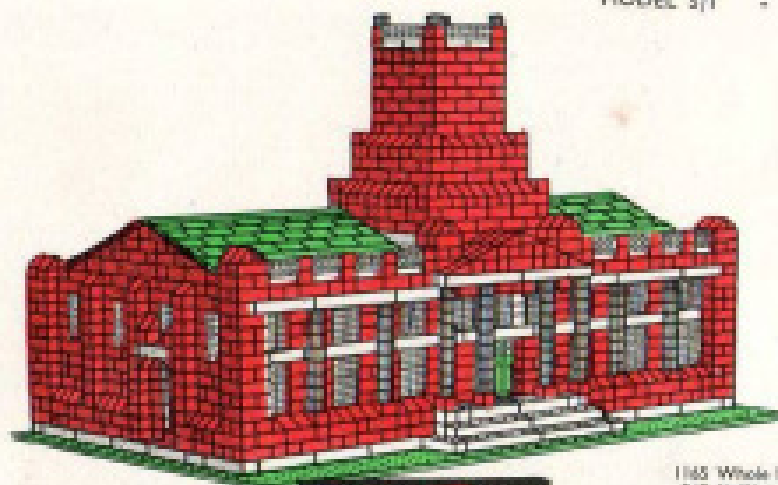


Fig. 7 is detail of top of tower (without balustrades) seen from underside. Bricks "A" are whole bricks.

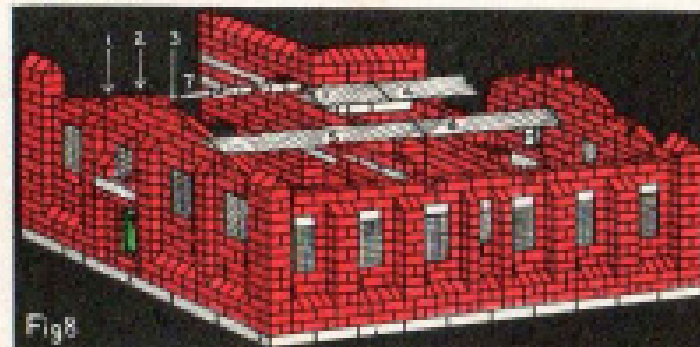


Fig. 8. Back view of model showing arrangement of purlins used to support tiled roof. The exact position of the purlins is indicated by numbers. The first purlins lying on in Figs. 1 and 2 (the counterparts of Nos. 4 and 5) are hidden by tower. Purlins No. 7 (small sections) pass through the front of tower. The triangular holes for the purlins are seen in Figs. 8, 9 and 10. Purlins No. 2 used as window "companion" pass through whole brick spaces. These are seen in Figs. 2, 3 and 4. The groups show where purlins lay.



Fig. 1. Detail of front steps with purlins connected to show interior construction.

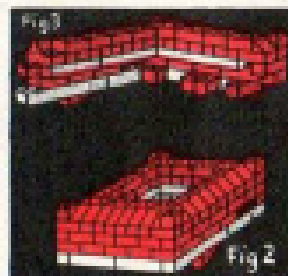


Fig. 2. Detail of lower portion of tower (cf. in Fig. 1). Note double-angle bricks forming up of triangular space for purlins.

Fig. 3. Front and side of Fig. 2 seen from inside.

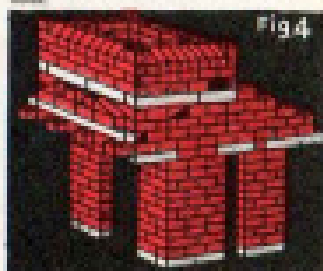
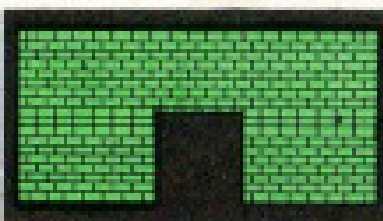
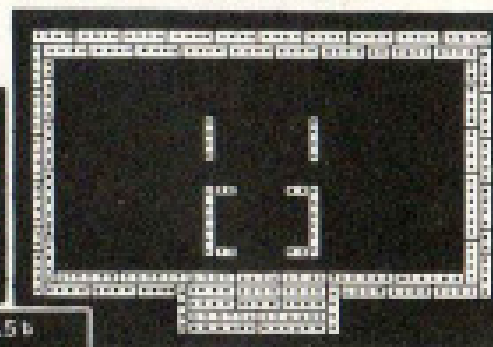


Fig. 4. Section of central tower with supporting masonry and purlins. The double-angle bricks on the left form the back part of the triangular construction above the front columns.

Plan of roof, built up from separate tiles.



- Parts required:
- | | |
|------------------------|-------------------------------------|
| 1165 Whole bricks | 12 Small windows |
| 245 Half bricks | 18 Large windows |
| 185 Angle bricks | 4 House doors |
| 17 Double angle bricks | 1 Base sheet No. 5 |
| 34 1-in. knobs | 4 Purlins (8-in.) (large sections) |
| 78 2-in. knobs | 4 Purlins (10-in.) (large sections) |
| 48 3-in. knobs | 1 Purlin (8-in.) (small section) |
| 72 Corbelled pillars | 151 Whole tiles |
| 300 Universal pins | 20 Half tiles |
| 16 Balustrades | 14 Whole ridge tiles |



Ground Plan

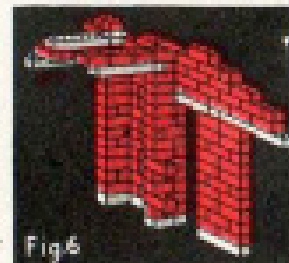


Fig. 6

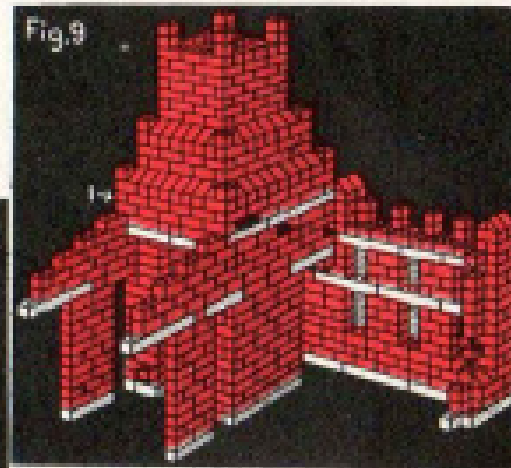


Fig. 9. Complete assembly of central tower and party walls, together with interior of front wall.

Fig. 10. Section of front wall of model seen from interior.

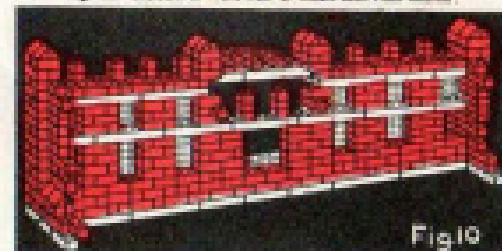
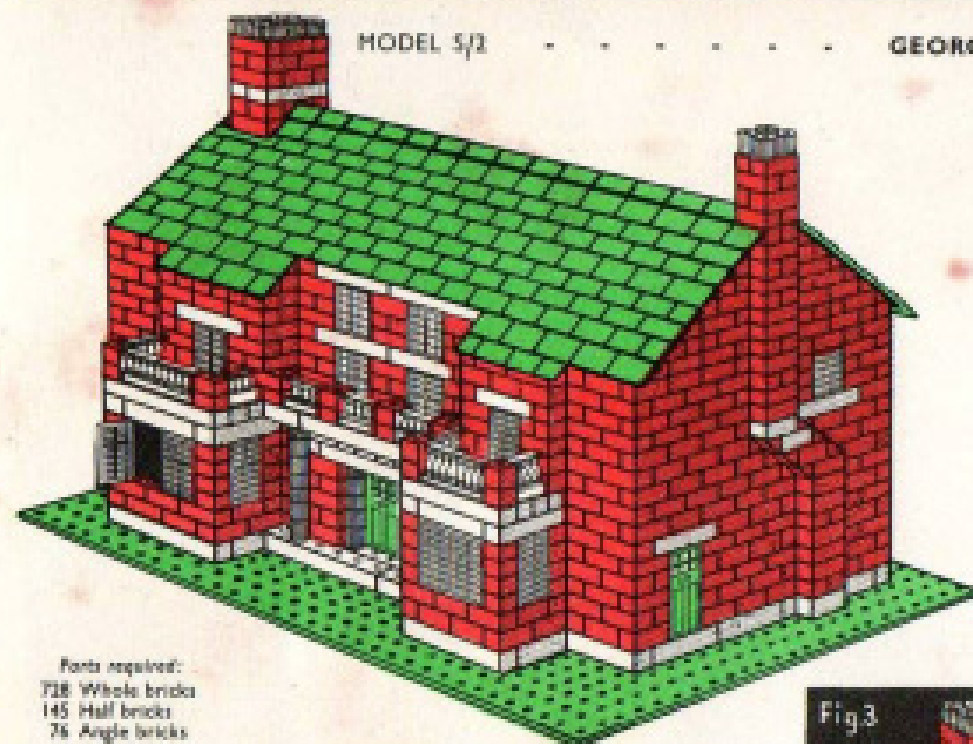


Fig. 10

Special Large Minibrix Models



MODEL 5/3

GEORGIAN HOUSE

Parts required:

718 Whole bricks
145 Half bricks
76 Angle bricks
11 1-in. bats
47 2-in. bats
27 3-in. bats
36 Corinthian pillar
120 Universal pins
15 Balustrades
3 House doors
8 Small windows

15 Large windows
1 Base sheet No. 4
6 Parliors (14-in.) (small section)
212 Whole tiles
30 Half tiles
15 Whole ridge tiles
2 Half ridge tiles

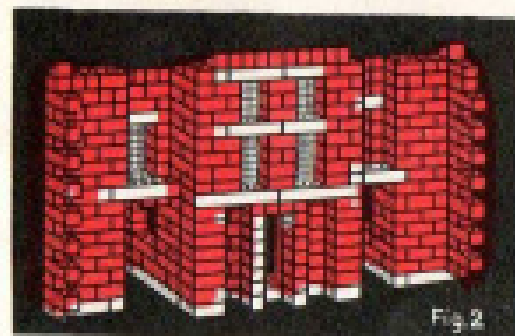


Fig. 2. Complete front wall of model seen from inside.



Fig. 3. Detail of chimney and roof ridge in Fig. 1.

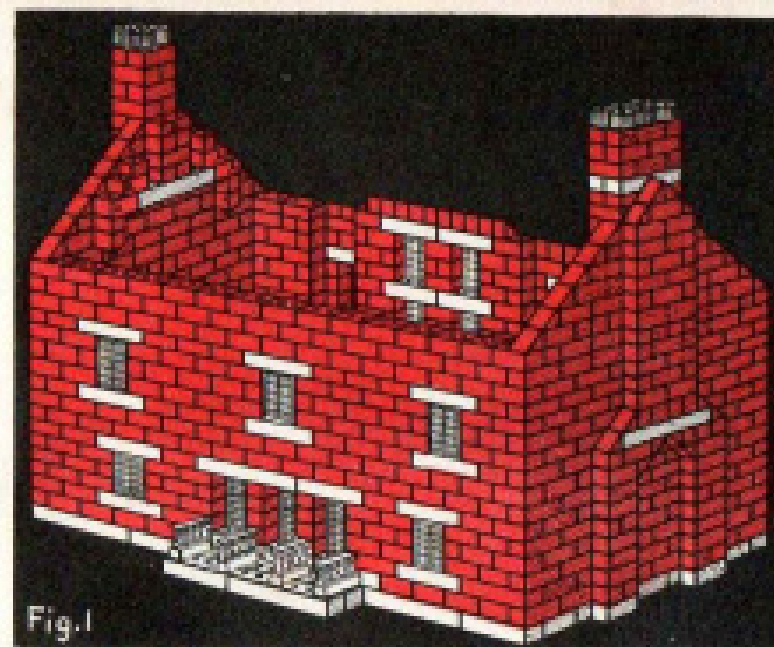


Fig. 1

Fig. 1. Back view of model. One end of parliors supporting roof rest on bricks marked "A."

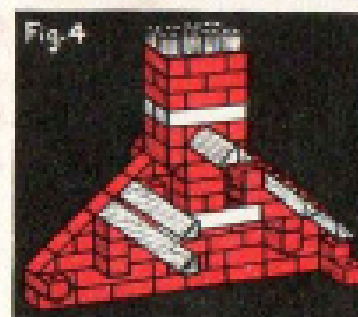
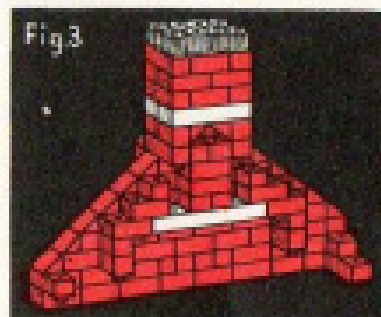


Fig. 4. Same as Fig. 3, showing arrangement of parliors. Note how ridge patches fit into recess formed by two inverted angle bricks.

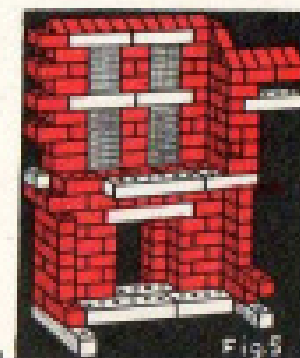
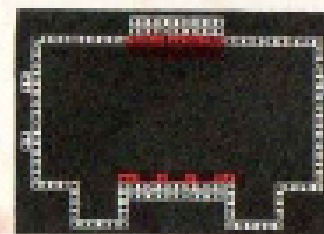


Fig. 5. Exterior view of entrance with balustrades, columns and cornices removed.



Ground Plan

Special Large Minibrix Models

Fig. 1

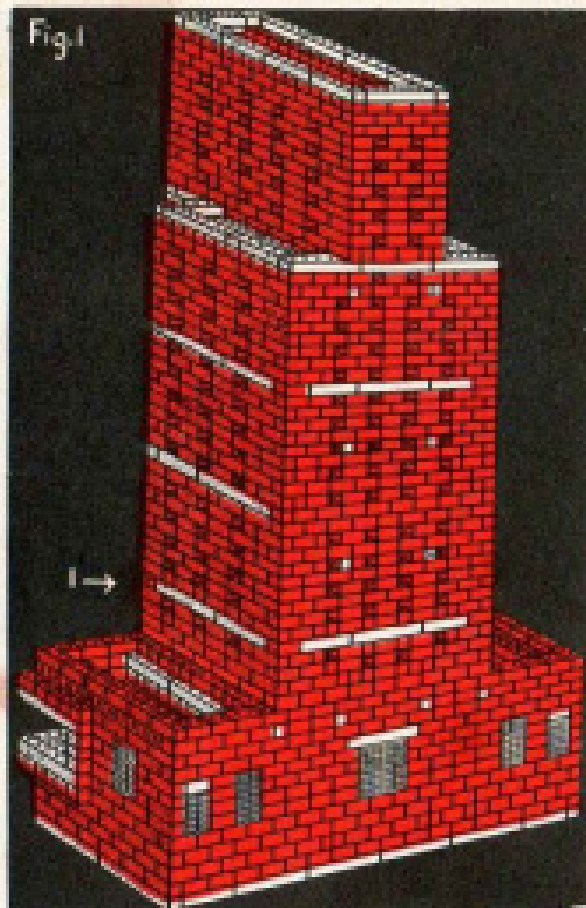


Fig. 1. Back view of model. Bricks marked "A" and whole bricks.

MODEL S/3

SKYSCRAPER

Parts required:
 1750 Whole bricks
 300 Half bricks
 28 1-in. tiles
 100 2-in. tiles
 100 3-in. tiles
 240 Universal pins
 15 Small windows
 15 Large windows
 1 Base sheet No. 5

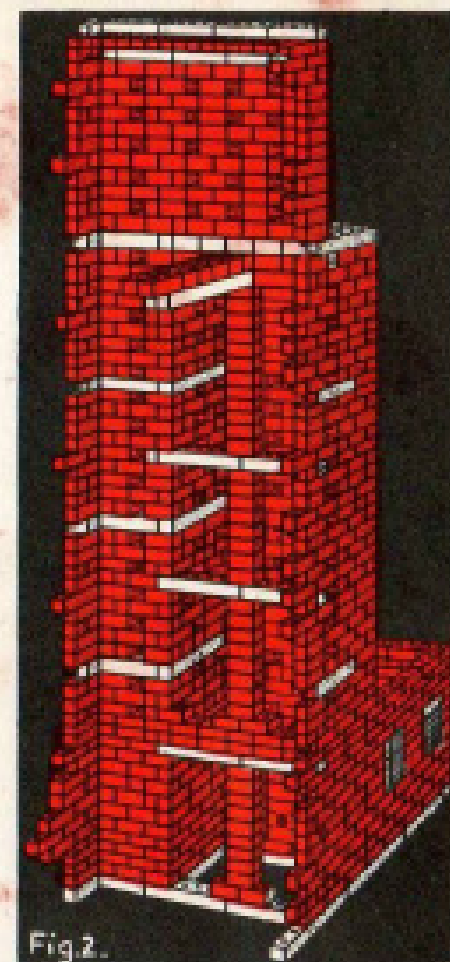


Fig. 2.

Fig. 2. Half section of model showing interior construction. Note supporting members. For explanation of back member "B" see Fig. 1, and cross member "C" see Fig. 4.

Fig. 3

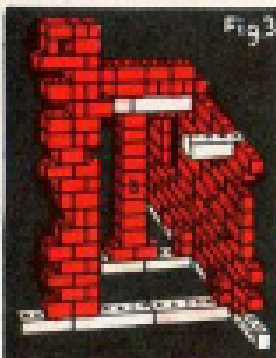
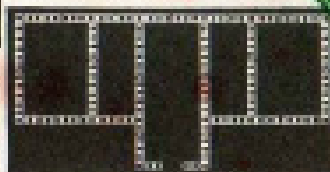


Fig. 3. Detail of interior section of base. Wall on right of diagram is part of back wall of model. Member "B," seen also in Fig. 2, supports middle wall of model (1 in Fig. 1). This construction is repeated in the other half of the model.



Ground Plan

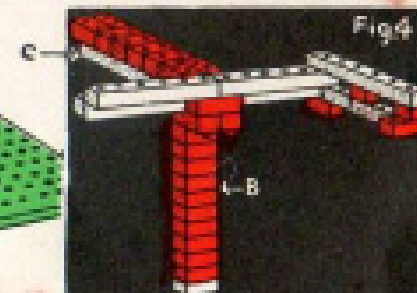
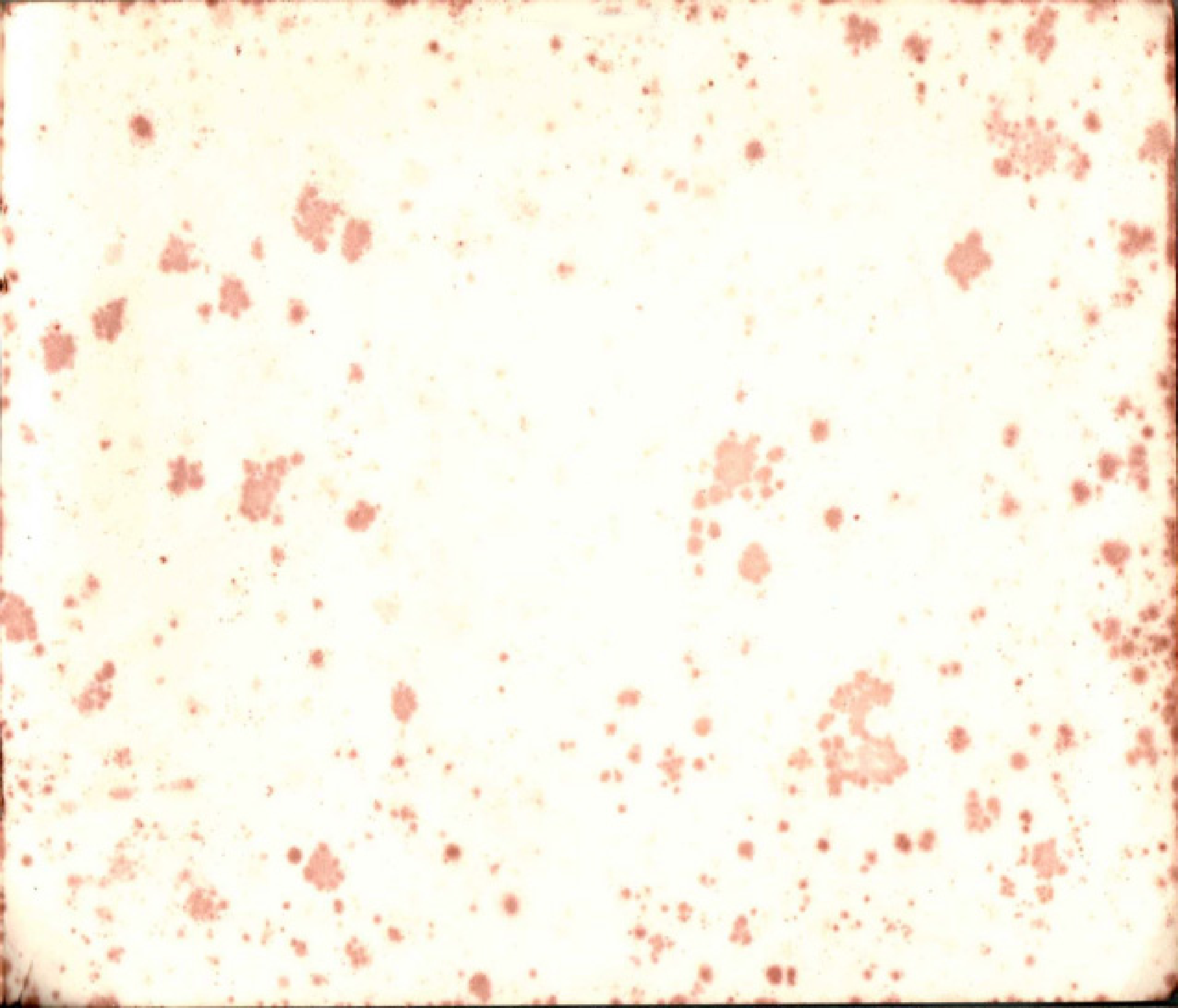


Fig. 4. Shows how cross member "C" is fitted in Fig. 3) which joins the two halves of the model. It fits in top of vertical supporting member (seen from behind). Note position of member "B."





Model of Buckingham Palace constructed with MINIBRIX, as exhibited at the British Industries Fair.

Manufactured by PREMO RUBBER CO. LTD., PETERSFIELD, HANTS, ENGLAND