KreativVolt

ASSEMBLY INSTRUCTIONS

MEL'S DINER

Scale 1:64 · 3D Print Kit

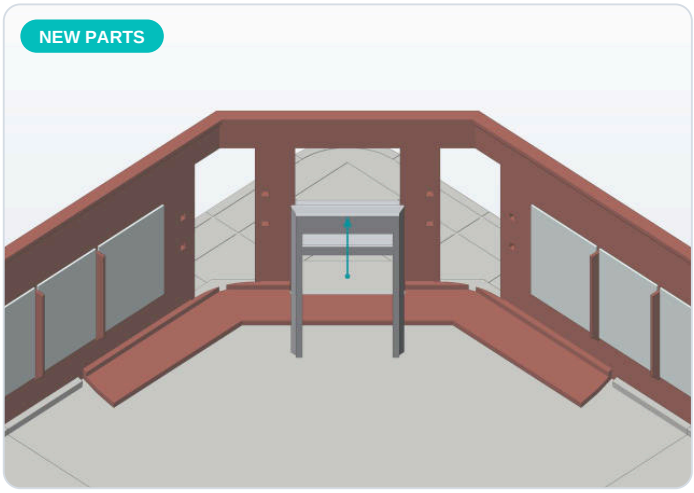


62	204	363	1:64	CA
Assembly steps	Different parts	Pieces	Scale	CA glue

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Before you start

1. Left picture: the new parts float in front of their place, the turquoise line shows where each part goes. Everything already built is drawn lighter.
2. Right picture: this is what the model looks like after the step.
3. Dry-fit every part first, then glue. Use CA glue (thin or gel) sparingly; for the panes use a glue that dries clear.
4. Helpful: tweezers, fine side cutters, hobby knife, 400 grit sandpaper, a toothpick for the glue.
5. The parts are sorted by print plate and colour. The parts list gives plate, quantity and colour for every part.
6. Join small parts into sub-assemblies first (for example a workshop machine) and then install them as a whole.
7. Leave the roof loose if you want to look into the rooms later.





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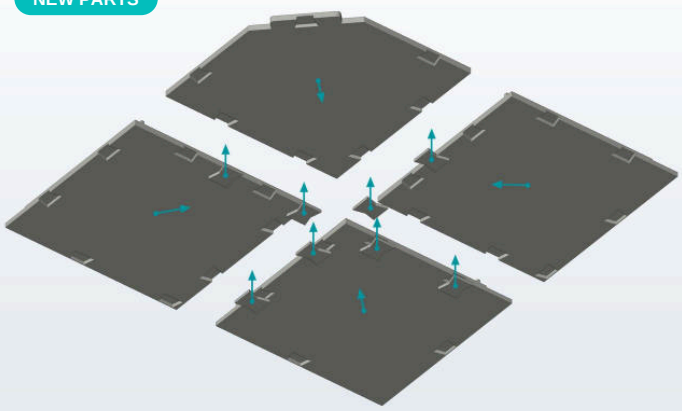
ASSEMBLY INSTRUCTIONS

Mel's Diner · Scale 1:64 · 3D Print Kit

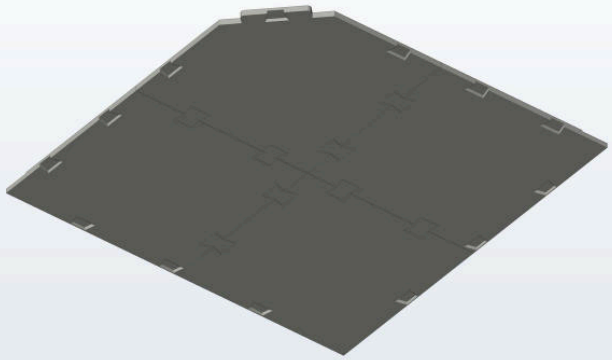
1 Step 1

The picture shows the underside. Push the four parts of the house base together upside down and press the eight double wedges into the pockets across the joints (no glue needed).

NEW PARTS



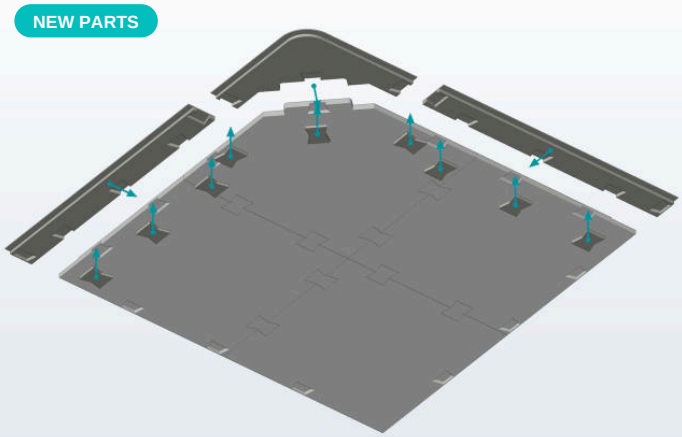
DONE



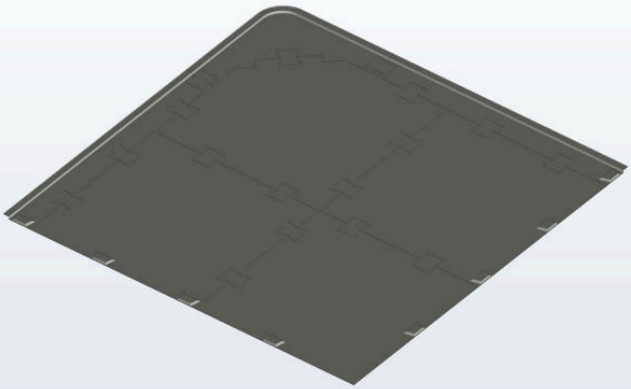
2 Step 2

Underside: add the three sidewalk parts and lock them with nine double wedges. Only break out the thin wall in front of the eight pockets at the outer edges if a neighbouring building or yard module will be attached later. Use a board to turn it over.

NEW PARTS



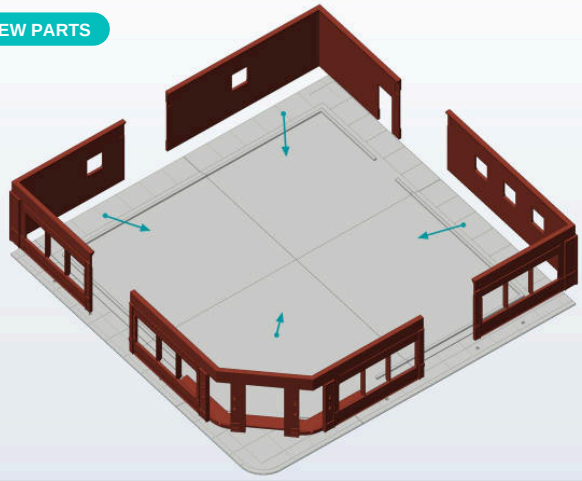
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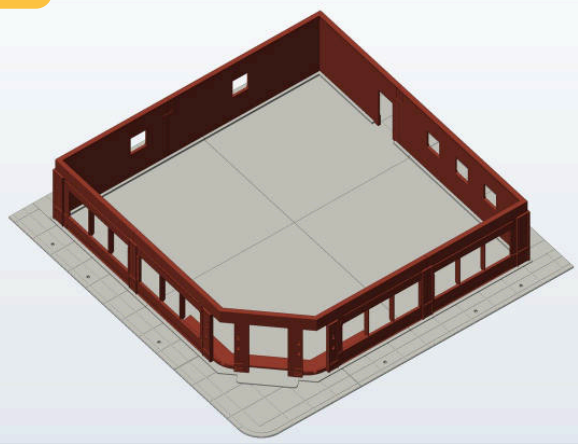
3 Step 3

Ground floor: remove the support structure from the wall section with the entrance. Place the four wall sections over the guide rim of the house base and glue them at the four joints.

NEW PARTS



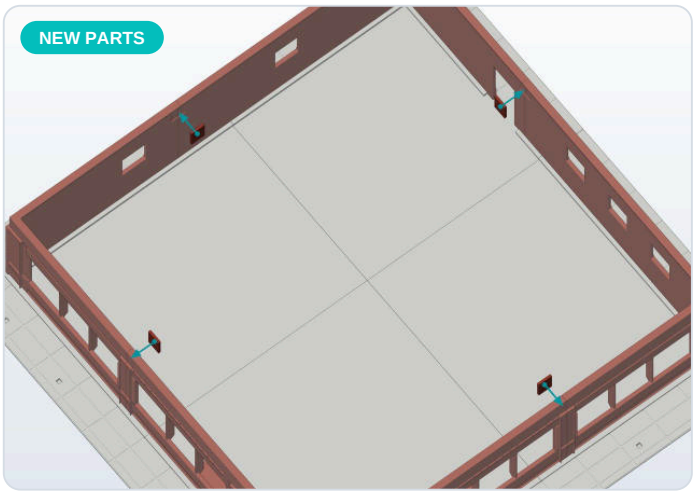
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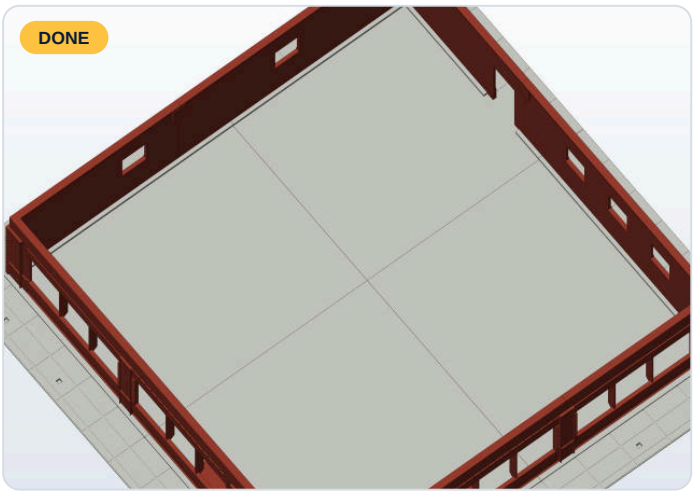


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Step 4

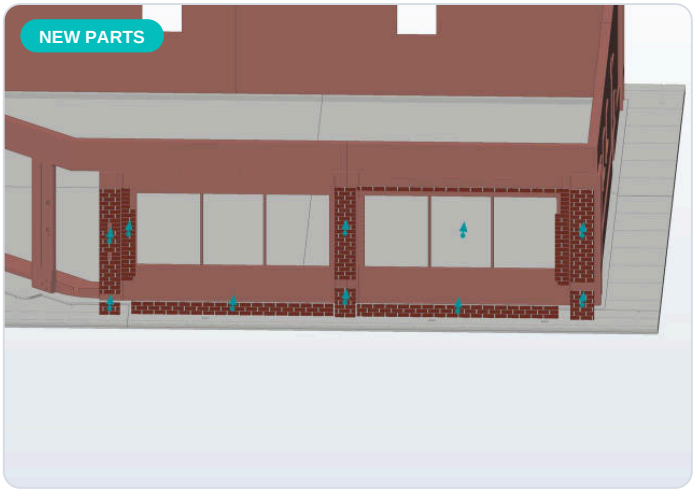
On the inside glue a joining plate into the groove across each of the four wall joints.

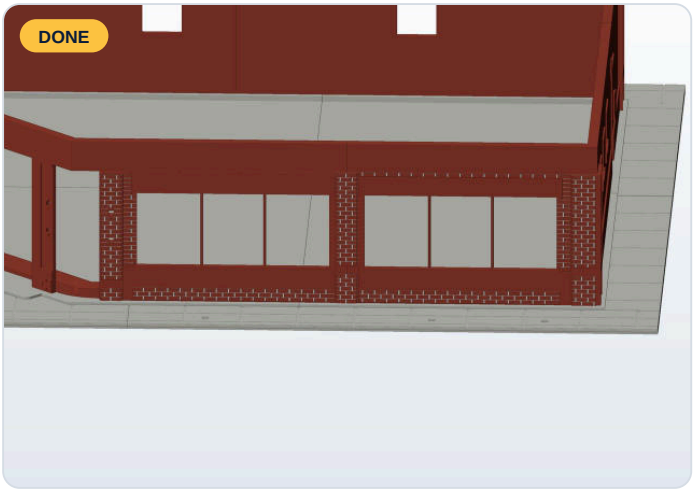




Step 5

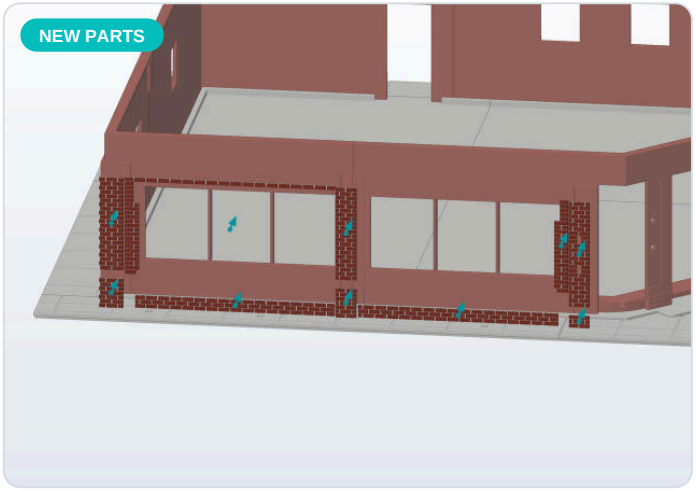
Brick panels of the south side, ground floor: glue each panel with its light grey side into the matching shallow pocket of the wall.

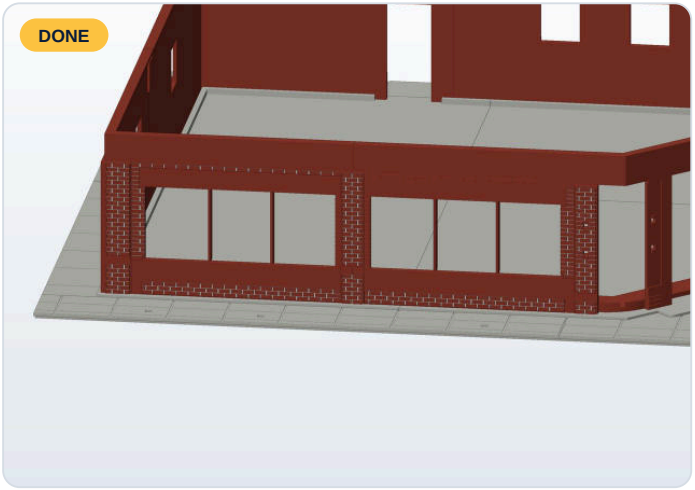




Step 6

Brick panels of the west side, ground floor: glue them into the pockets in the same way.



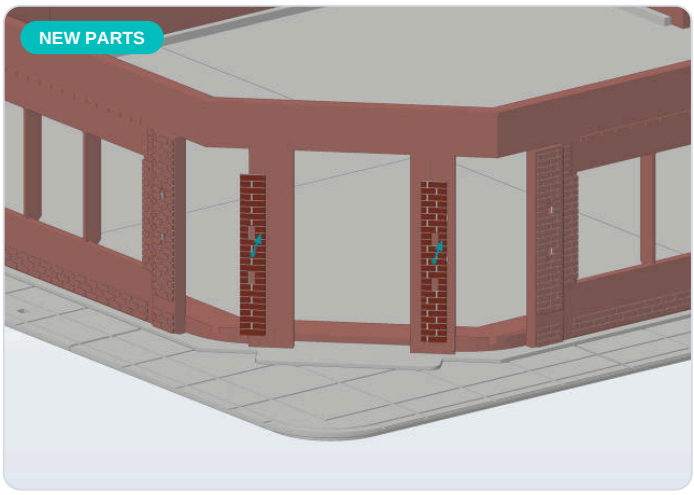


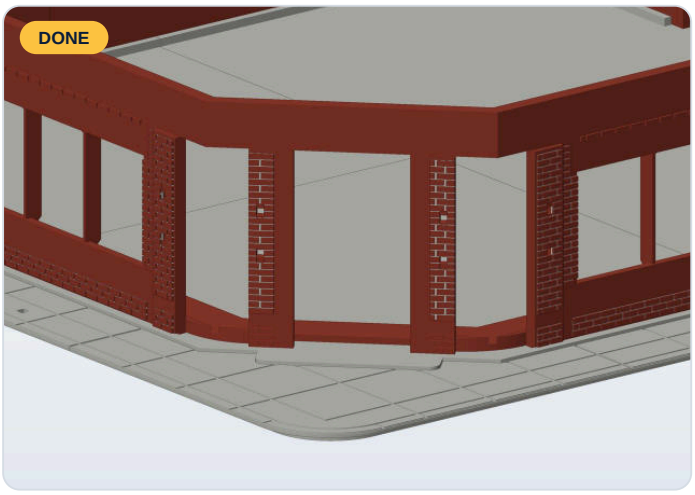
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7

Step 7

Glue on the two narrow brick panels to the left and right of the entrance corner.

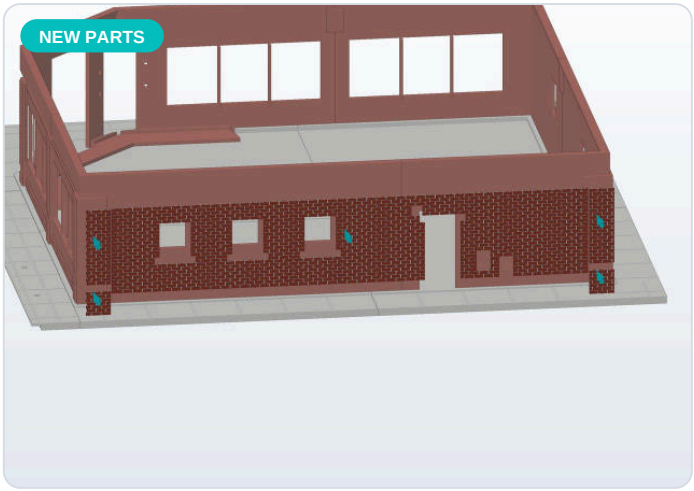


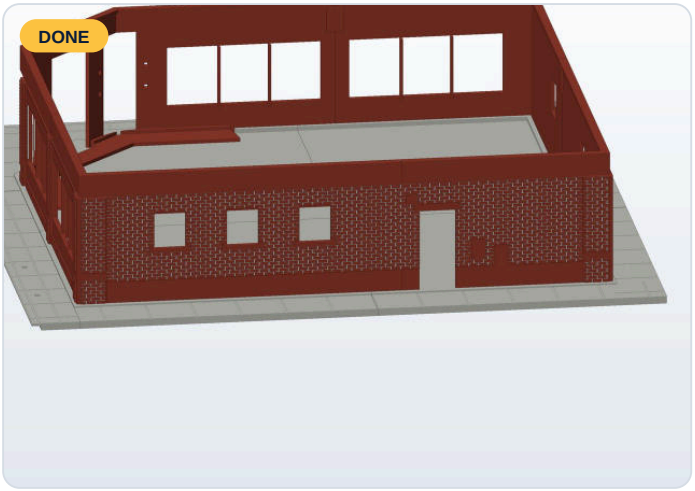


8

Step 8

Rear east side, ground floor: the long brick panel runs across the wall joint, the narrow ones sit on the corner piers.

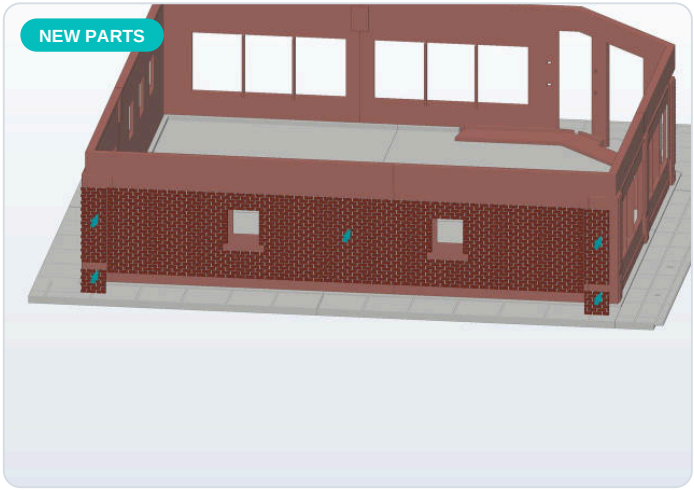


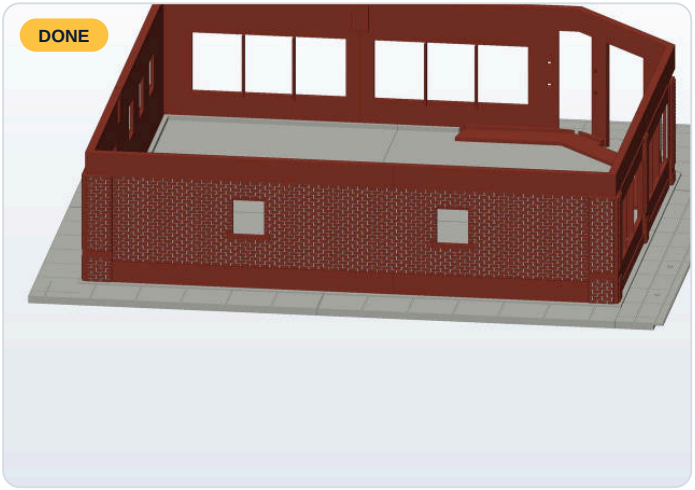


9

Step 9

Rear north side, ground floor: glue on the brick panels in the same way.





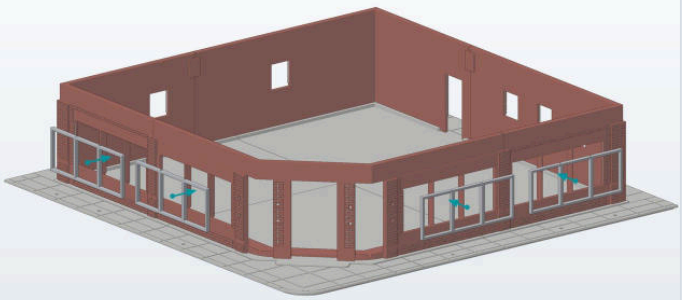
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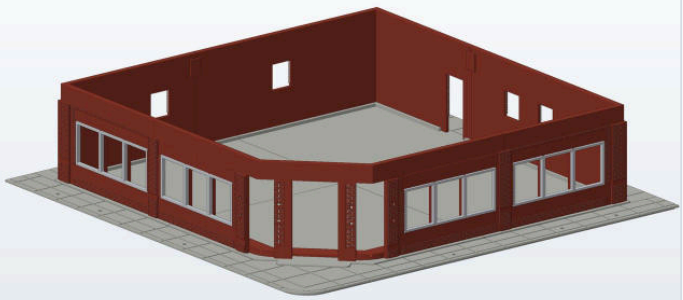
Step 10

Push the four chrome frames of the shop windows into the openings from the outside. The two wide mullions engage with the ribs of the wall.

NEW PARTS



DONE

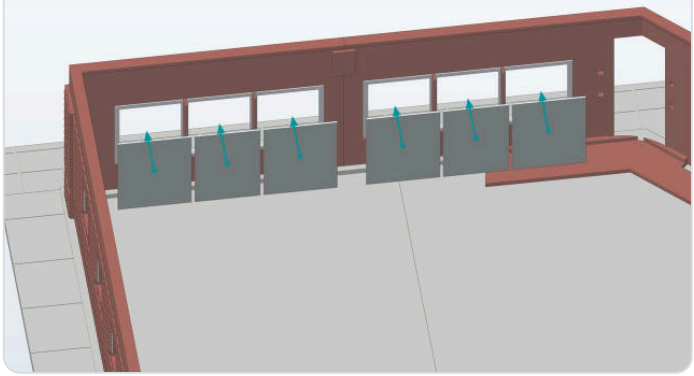


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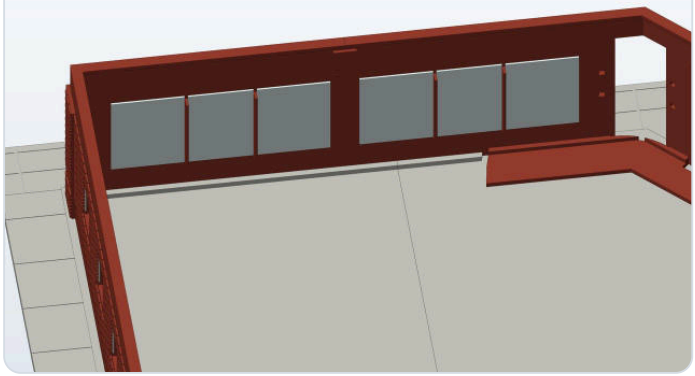
Step 11

Seen from inside, south side: for each shop window set three panes between the ribs of the wall from the inside – left, middle, right.

NEW PARTS



DONE

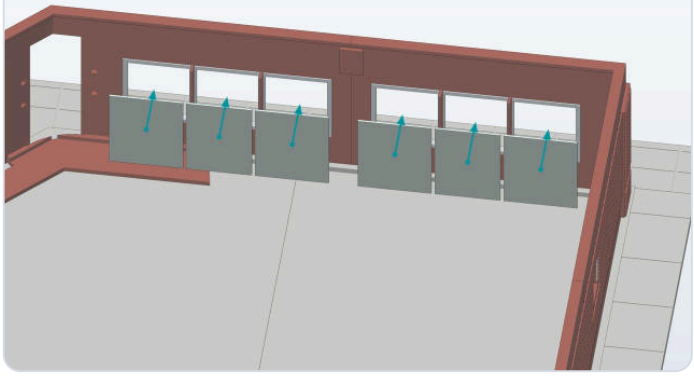


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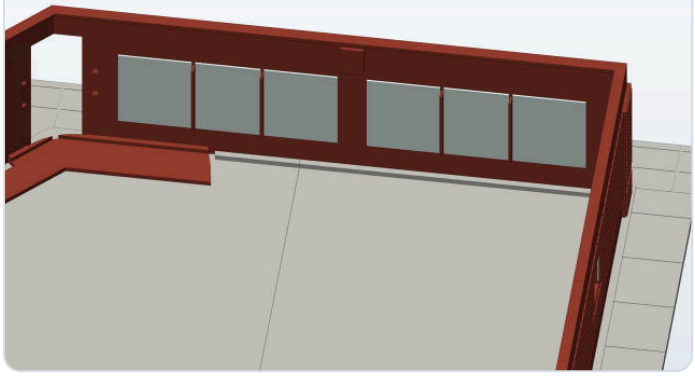
Step 12

Seen from inside, west side: fit the six panes of the two shop windows in the same way.

NEW PARTS



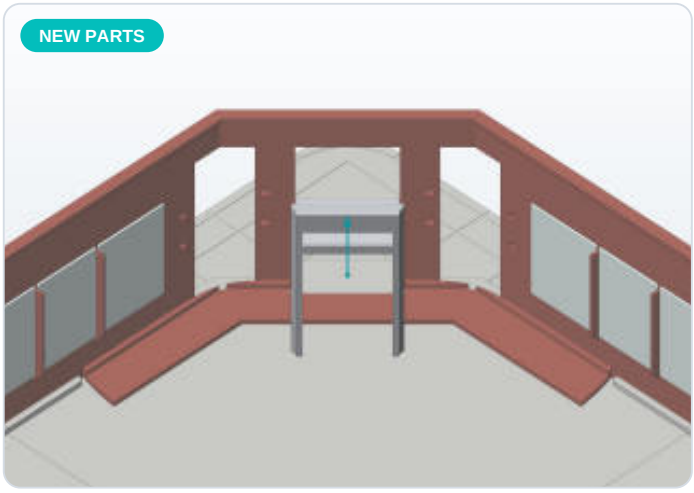
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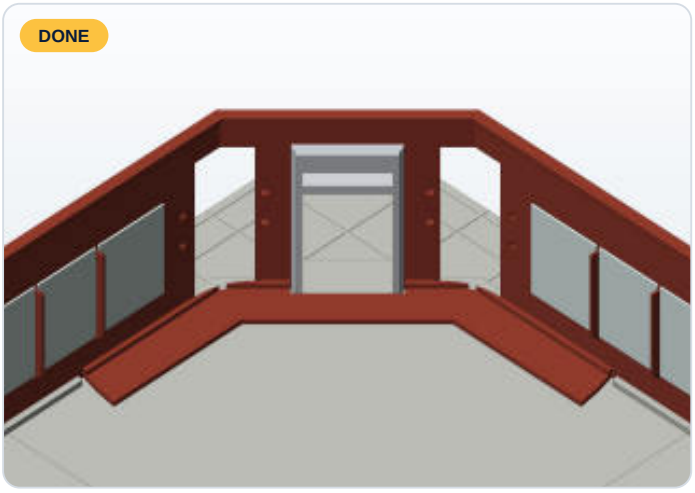


13

Step 13

Seen from inside: push the deep chrome frame of the entrance door into the opening of the entrance corner from the inside.

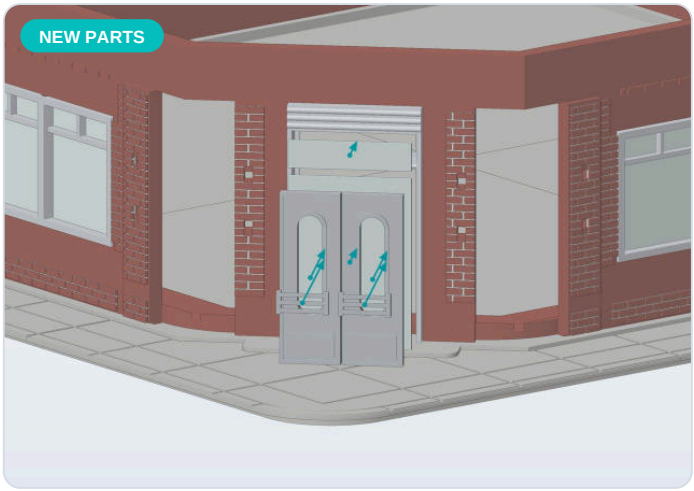




14

Step 14

From the front lay the door pane and the transom light into the frame, the two door leaves in front of them and a push bar onto each leaf.

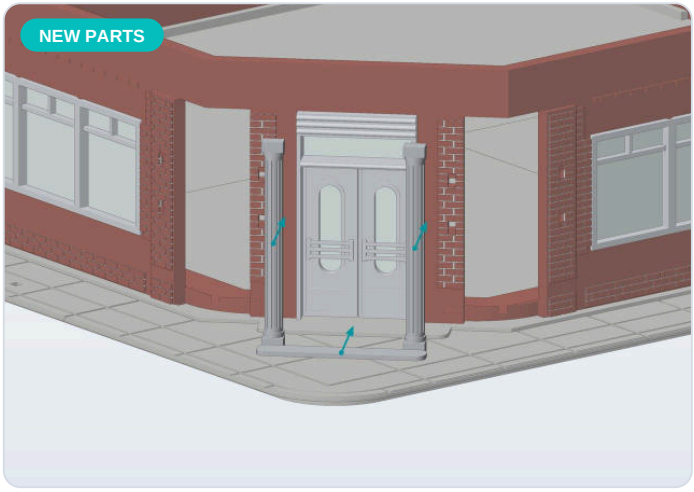




15

Step 15

Lay the chrome threshold in front of the door and stand a chrome column on the left and right of the entrance.



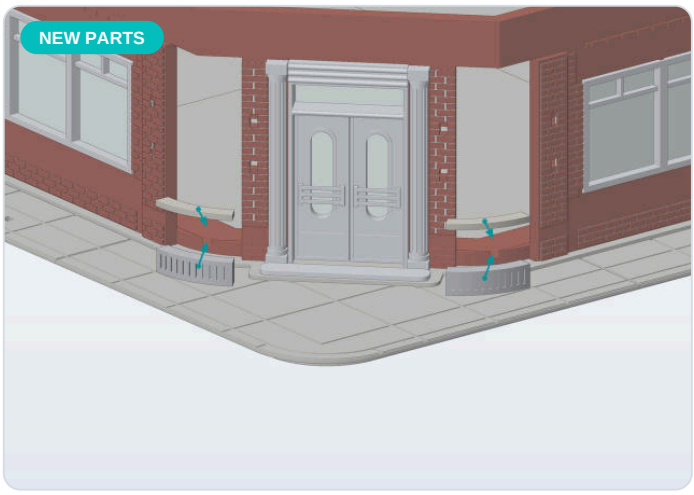


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16

Step 16

Rounded glass corners: for each corner set the fluted chrome base first and the stone band on top of it.

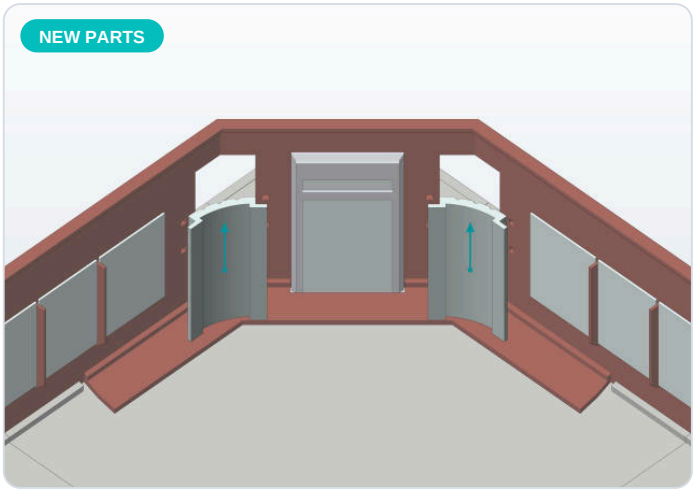




17

Step 17

Seen from inside: set the two rounded glass corners into the openings next to the entrance from the inside and glue them along the rim.

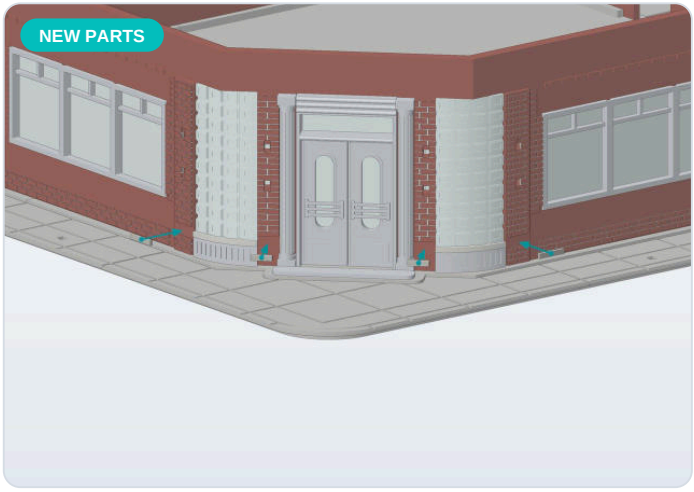




18

Step 18

Glue the stone bands to the two entrance piers and to the two lamp piers.





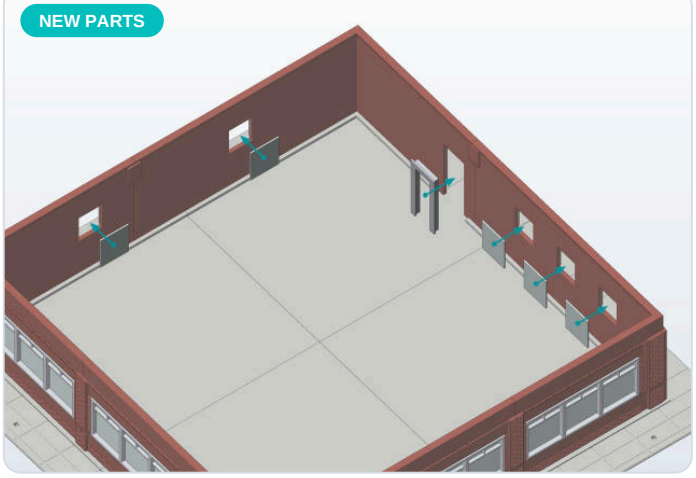
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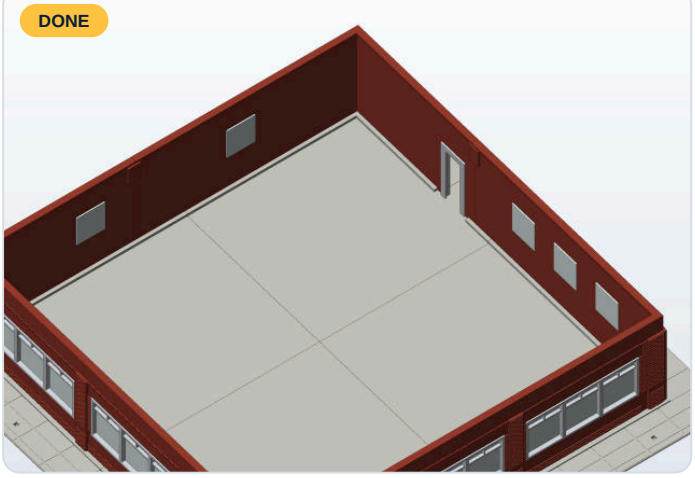
Step 19

Rear from the inside: set the five small windows (pane with printed chrome frame, one part) into the openings and the chrome frame into the back door opening.

NEW PARTS



DONE

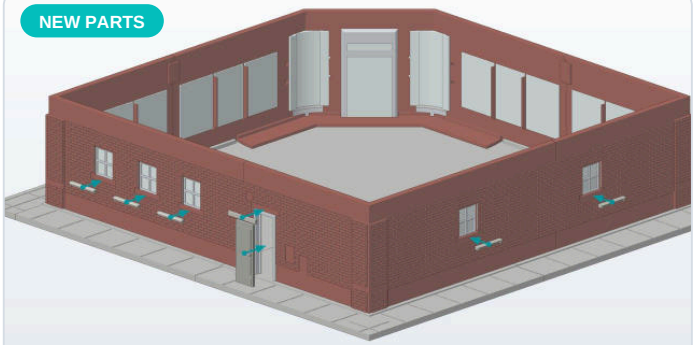


20

Step 20

Rear from the outside: glue a stone sill under each small window. Lay the door leaf into the frame from the front and the lintel above it.

NEW PARTS



DONE

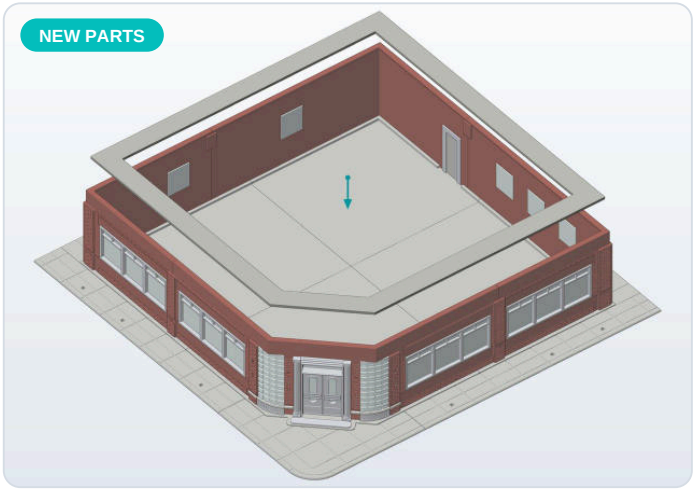


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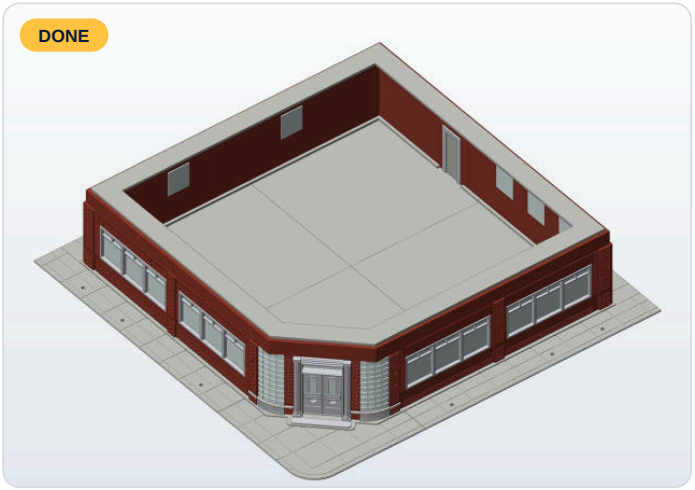
Step 21

Lay the intermediate floor onto the ledge that runs around the ground floor from above.

NEW PARTS



DONE

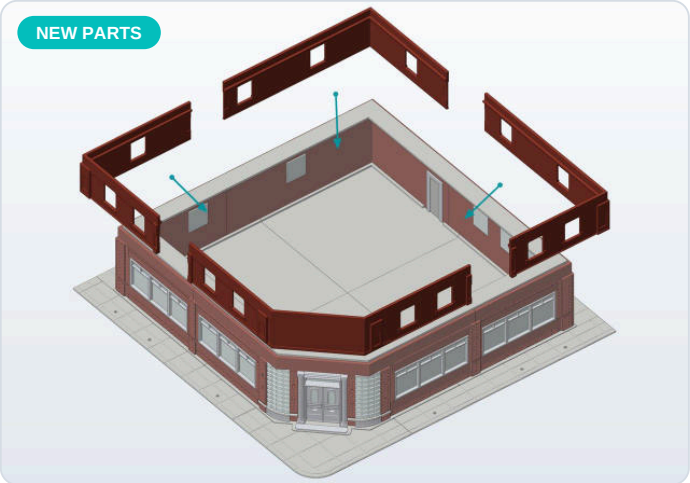


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22

Step 22

Set the four wall sections of the upper floor onto the ground floor and glue them at the joints. The joints lie exactly above those of the ground floor.

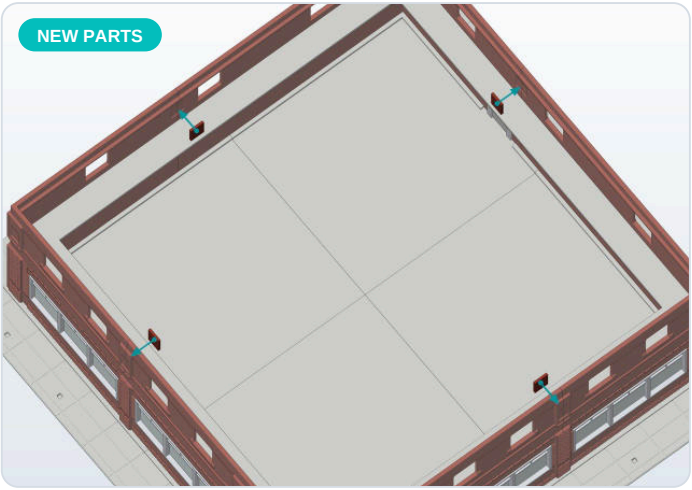




23

Step 23

On the upper floor as well, glue a joining plate into the groove across each of the four joints on the inside.





24

Step 24

Glue the brick panels of the south side, upper floor, into their pockets.





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25

Step 25

Glue the brick panels of the west side, upper floor, into their pockets.

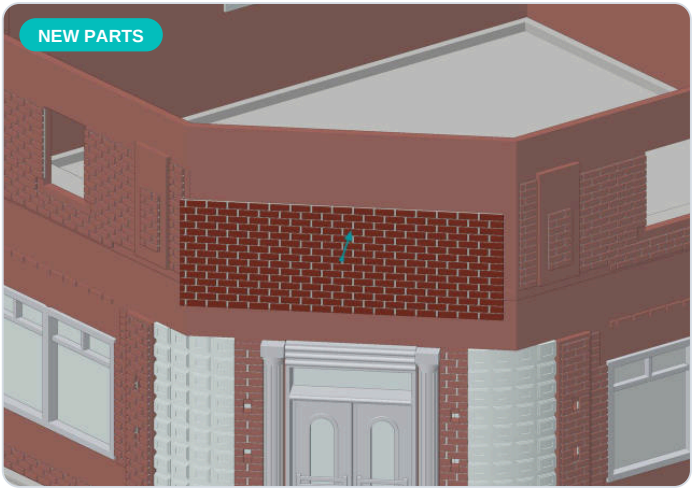




26

Step 26

Glue on the brick panel above the entrance.

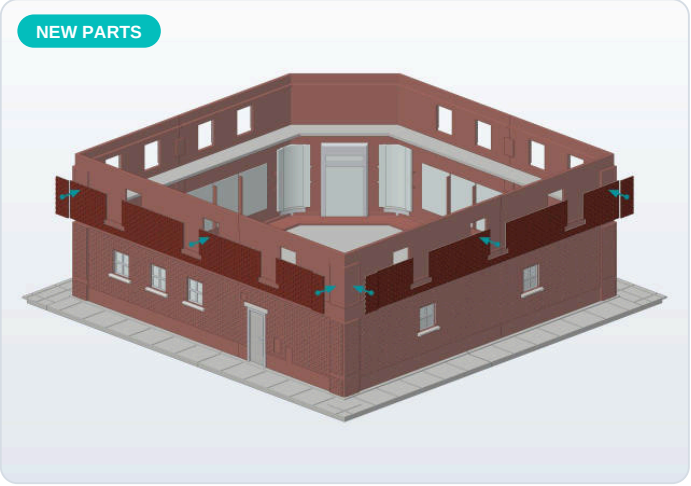


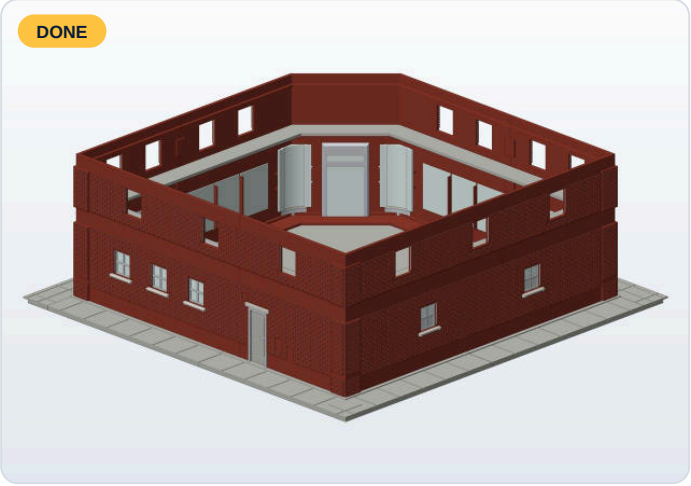


27

Step 27

Rear: glue on the brick panels of the upper floor on the east and north side.



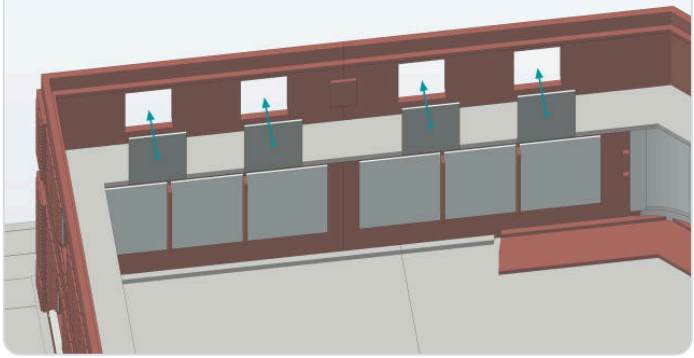


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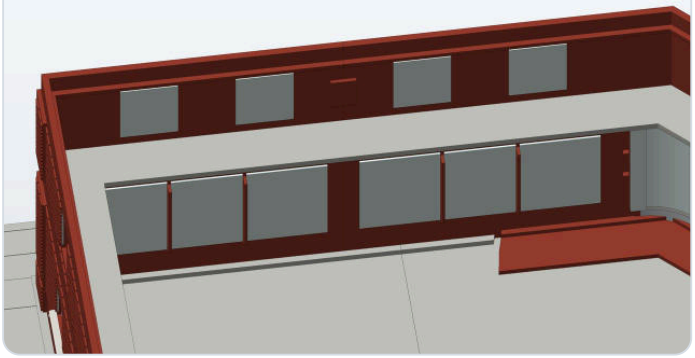
Step 28

Seen from inside, south side: set the upper windows into the openings from the inside (pane with printed chrome frame, one part).

NEW PARTS



DONE

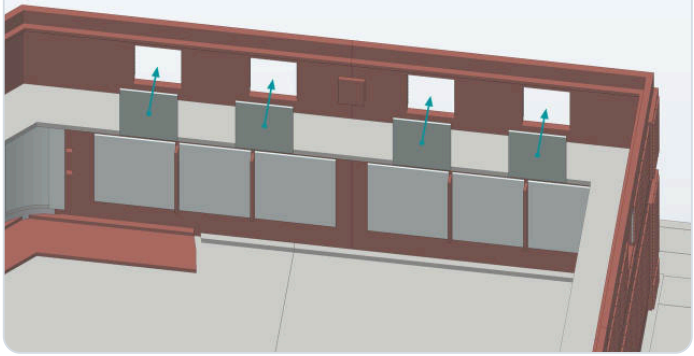


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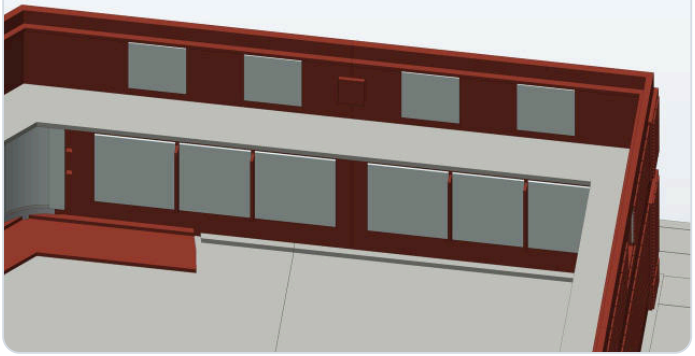
Step 29

Seen from inside, west side: fit the upper windows in the same way.

NEW PARTS



DONE

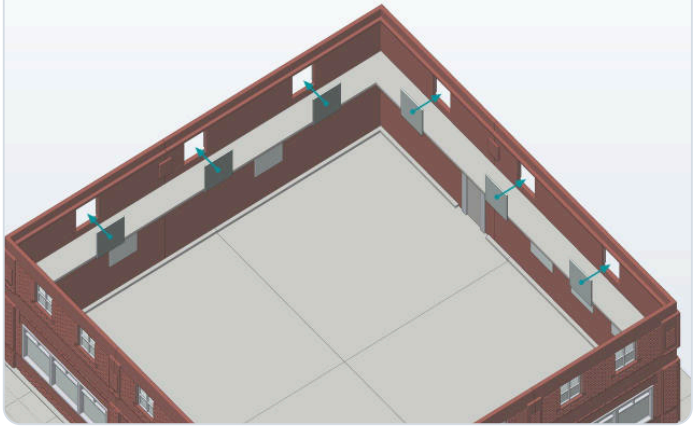


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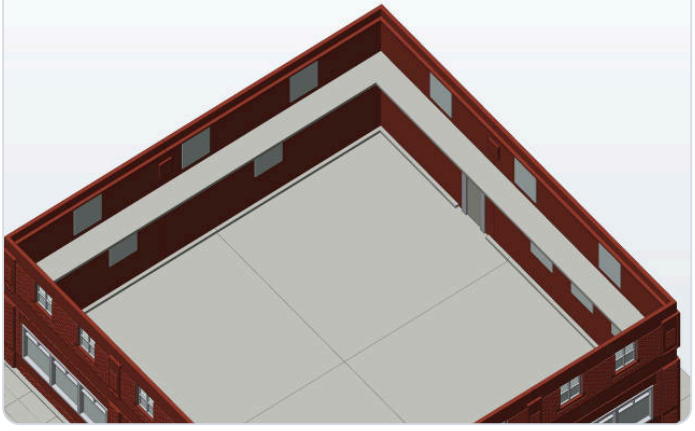
Step 30

Fit the upper windows of the rear (east and north) from the inside.

NEW PARTS



DONE

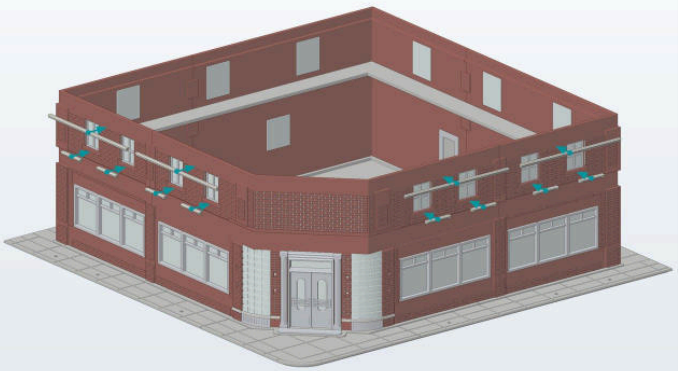


31

Step 31

Street sides, upper floor: glue a stone sill under each window and the four lintel bands above the windows.

NEW PARTS



DONE



32

Step 32

Glue the six star plates to the top of the piers on the street sides and a chrome star onto each plate.

NEW PARTS



DONE

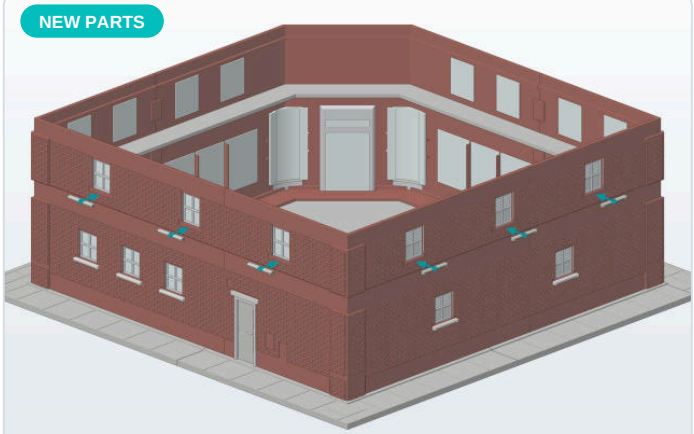


33

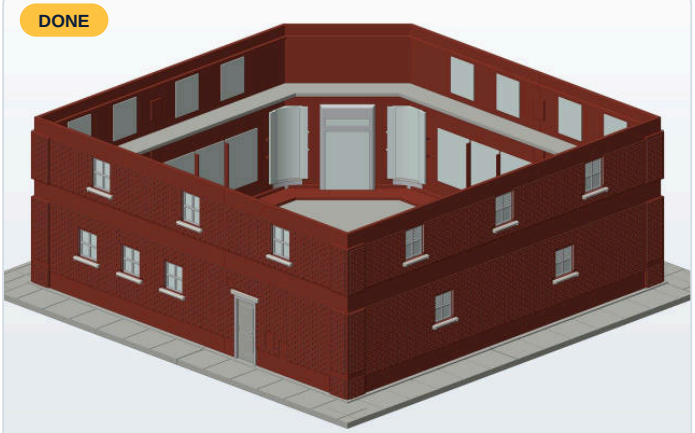
Step 33

Rear, upper floor: glue a stone sill under each of the six windows.

NEW PARTS



DONE



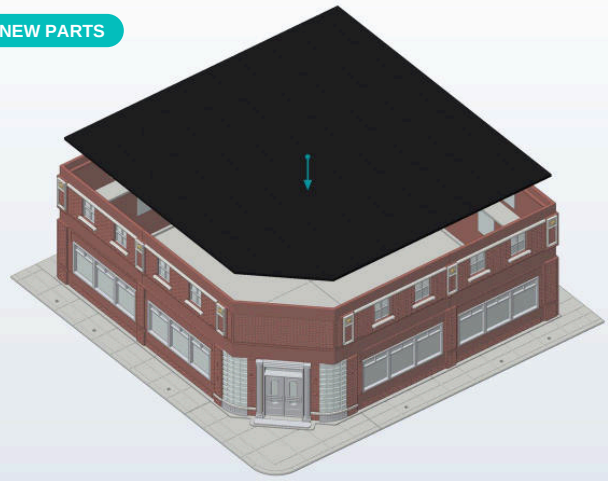
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34

Step 34

Lay the black roof plate onto the ledge below the roof edge from above.

NEW PARTS



DONE

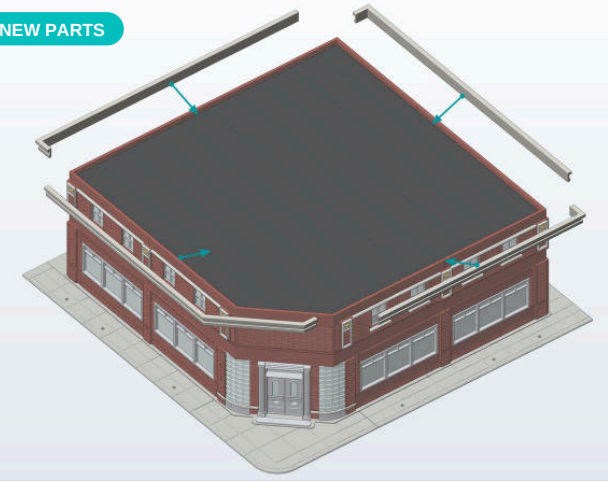


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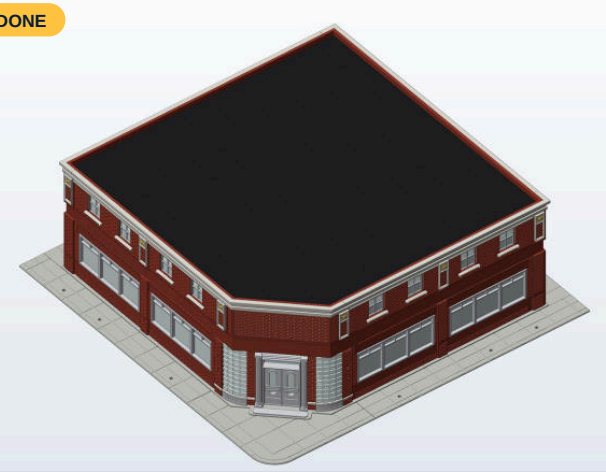
Step 35

Glue the four angles of the marble-grey coping onto the top of the walls.

NEW PARTS



DONE

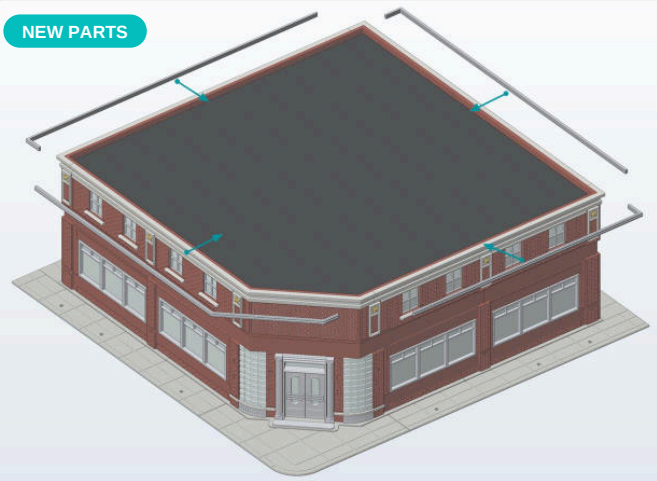


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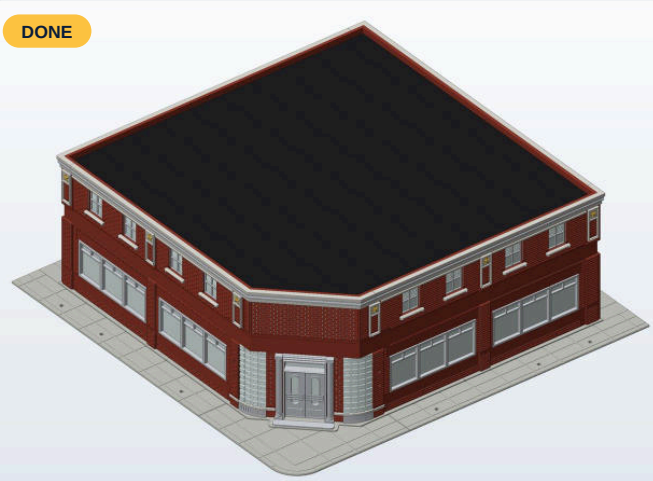
Step 36

Glue the four chrome band angles of the cornice into the groove of the coping.

NEW PARTS



DONE



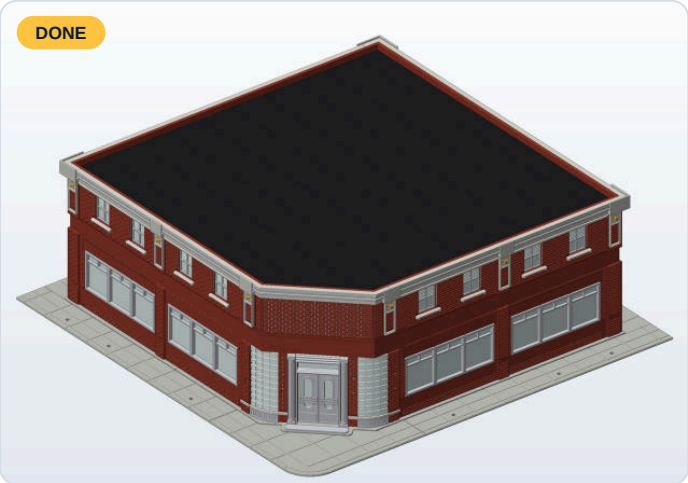
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37

Step 37

Set the seven pier caps on top of the piers: four on the street sides, three at the rear corners of the building.

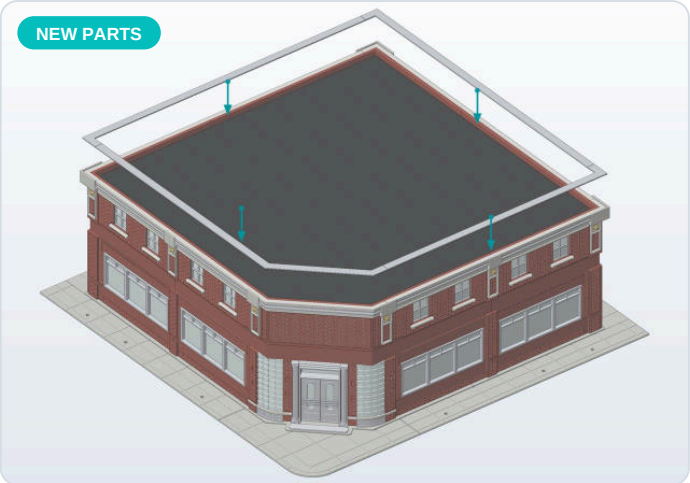




38

Step 38

Glue the four angles of the chrome roof edge onto the top of the coping.

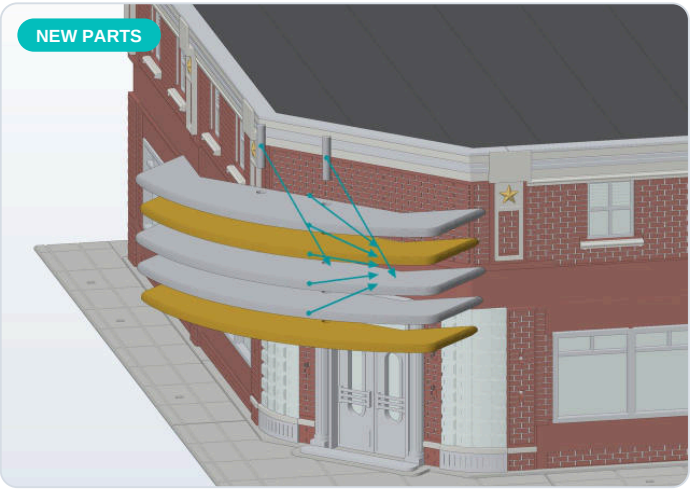




39

Step 39

Canopy: stack the five layers from bottom to top onto the two pins and glue them – gold, chrome, chrome, gold, chrome. Glue the stack to the wall above the entrance.



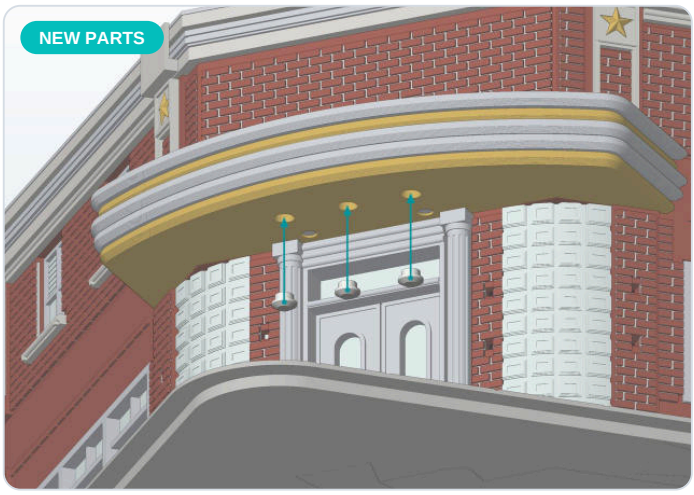


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40

Step 40

Seen from below: glue the three canopy lights into the pockets on the underside of the canopy.

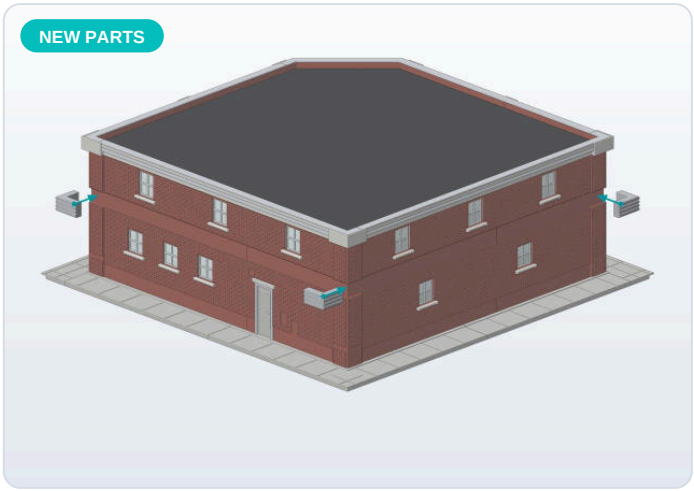


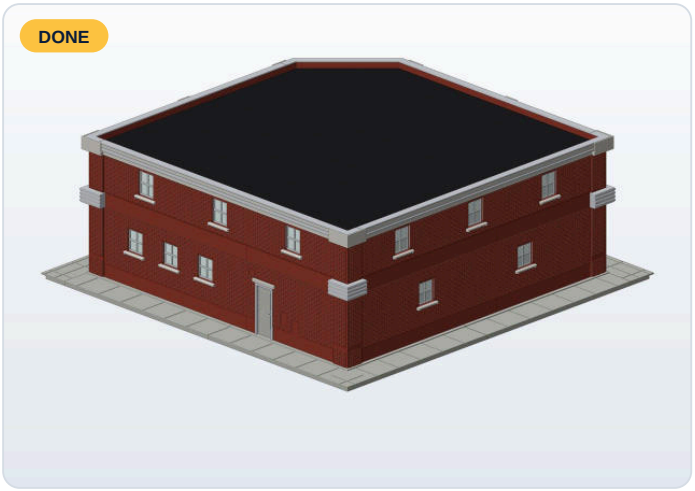


41

Step 41

Belt course: first glue the three chrome blocks to the right-angled corners of the building.

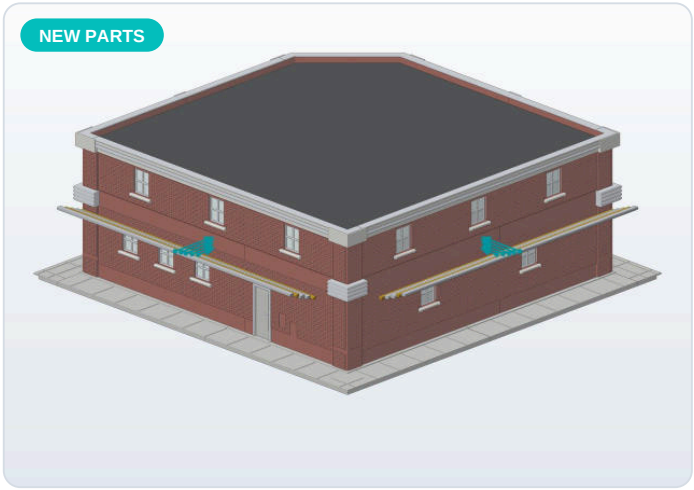


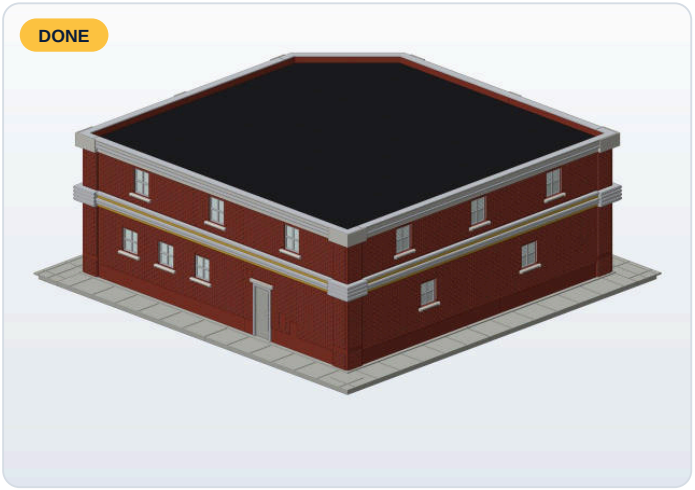


42

Step 42

Belt course on the rear (east and north): add the five strips from bottom to top – gold, chrome, chrome, gold, chrome.





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43

Step 43

Belt course on the south side: add the five strips in the same order. At the front they butt against the canopy.





44

Step 44

Belt course on the west side: add the five strips in the same way.





45

Step 45

Sign: set the sign body onto the canopy and against the corner of the building from above, the three braces behind it on the roof.





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46

Step 46

Glue the DINER panel into the chrome drum and the Mel's panel into its chrome frame. Glue both onto the front of the sign body.





47

Step 47

Push the four middle fins into the slots on top of the sign body and the six side fins on the left and right.





48

Step 48

Thread five chrome ribs onto a rib pin on the left and right and glue the two stacks to the sides of the sign body.



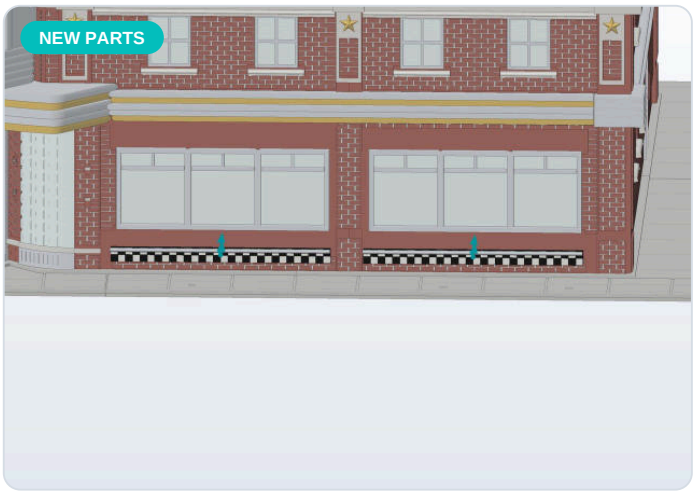


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49

Step 49

South side, below the two shop windows: glue on chrome base strip, checkerboard band and chrome sill one above the other.





50

Step 50

West side: glue on base strip, checkerboard band and sill below the two shop windows in the same way.





51

Step 51

Glue the four chrome base boxes to the bottom of the piers on the street sides and the pier bands above them.





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52

Step 52

South side: glue a chrome bracket to both ends of each awning, then the two awnings above the shop windows.





53

Step 53

West side: fit the two awnings with their chrome brackets in the same way.





54

Step 54

Four wall lamps on the entrance and lamp piers: two chrome fittings each, with the glass cylinder between them.



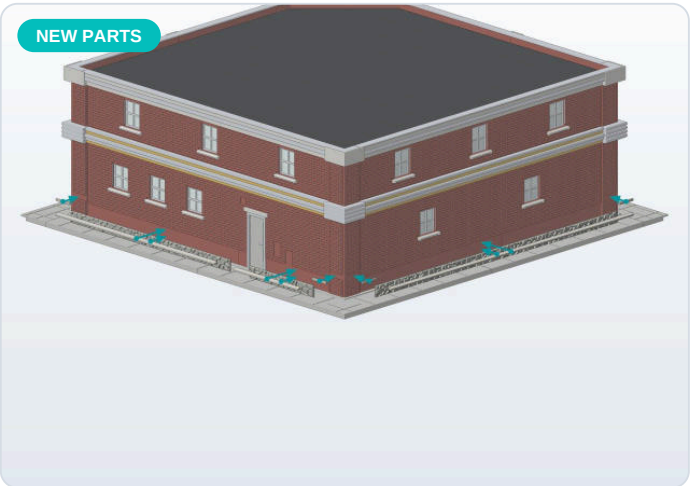


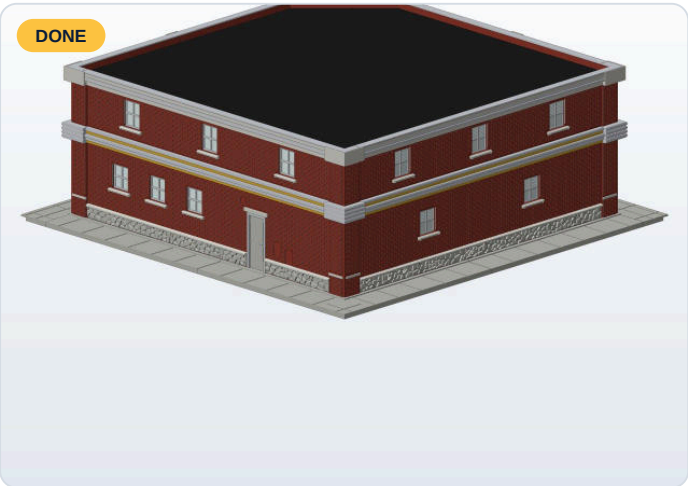
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55

Step 55

Rear: glue on the three natural stone plinths and the light capping strip on top. The stone bands go onto the corner piers.

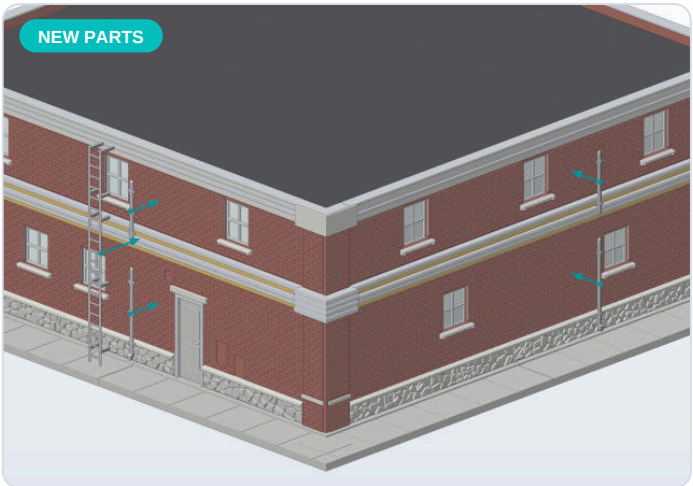




56

Step 56

Glue two downpipes, each made of a lower and an upper part, to the rear. The ladder goes on the east wall.





57

Step 57

East wall next to the back door: glue on two meter boxes and the conduit with junction box. The yard lamp above the door, the glass into the housing.



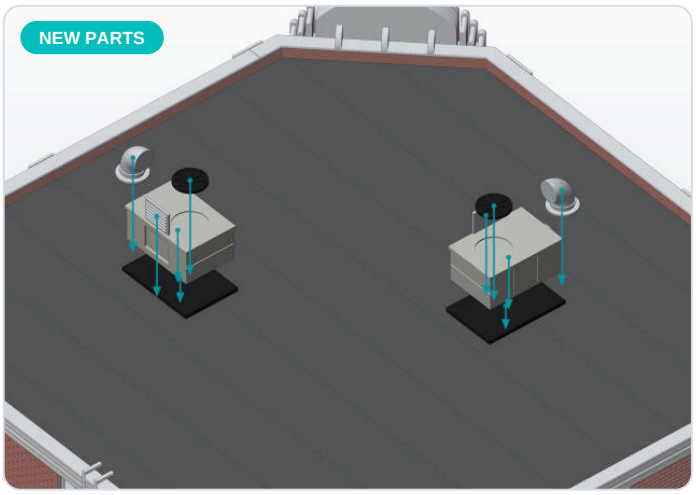


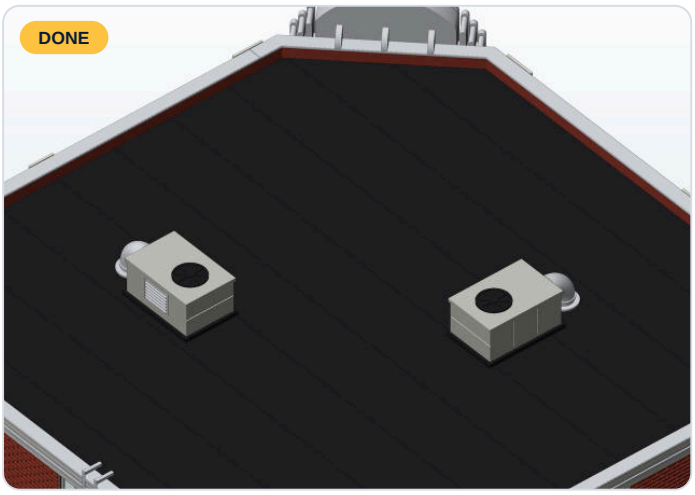
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58

Step 58

Two air conditioners on the roof: base, the housing on top, the louvre grille on the side, the fan grille on top and the pipe bend on the end.

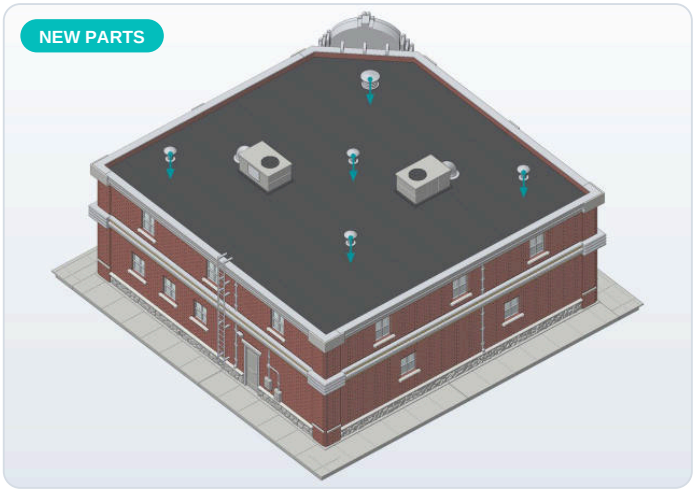


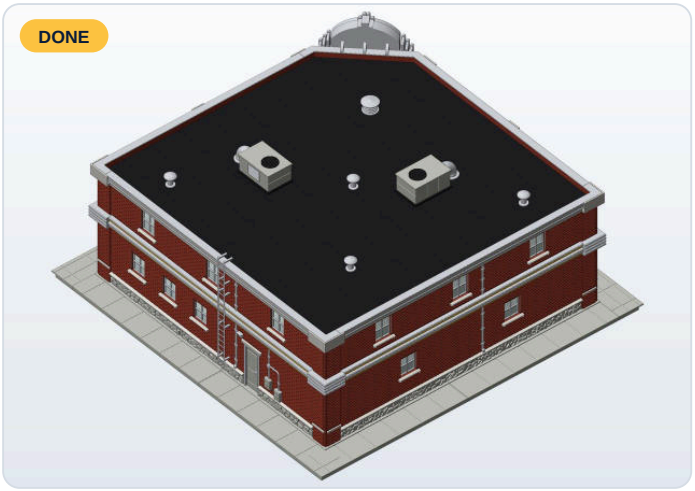


59

Step 59

Glue the four roof vents and the vent hood onto the roof.

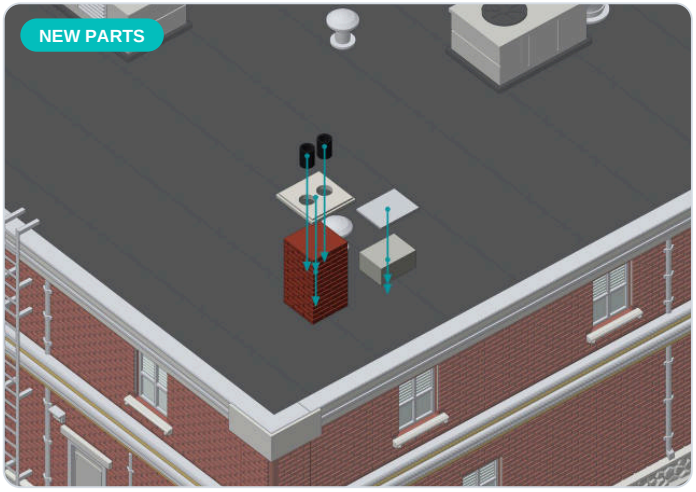




60

Step 60

At the rear of the roof: roof box with lid. Next to it the chimney: shaft, cover plate, two flues.





61

Step 61

Sidewalk: for each street lamp glue halves A and B into a round mast and glue the glass globe with its flat side into the lamp head. Stand the lamps in the sockets at the curb.

NEW PARTS



DONE



62

Step 62

Stand the four parking meters in the sockets at the curb, two on each street side. Done – enjoy Mel's Diner!

NEW PARTS



DONE



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