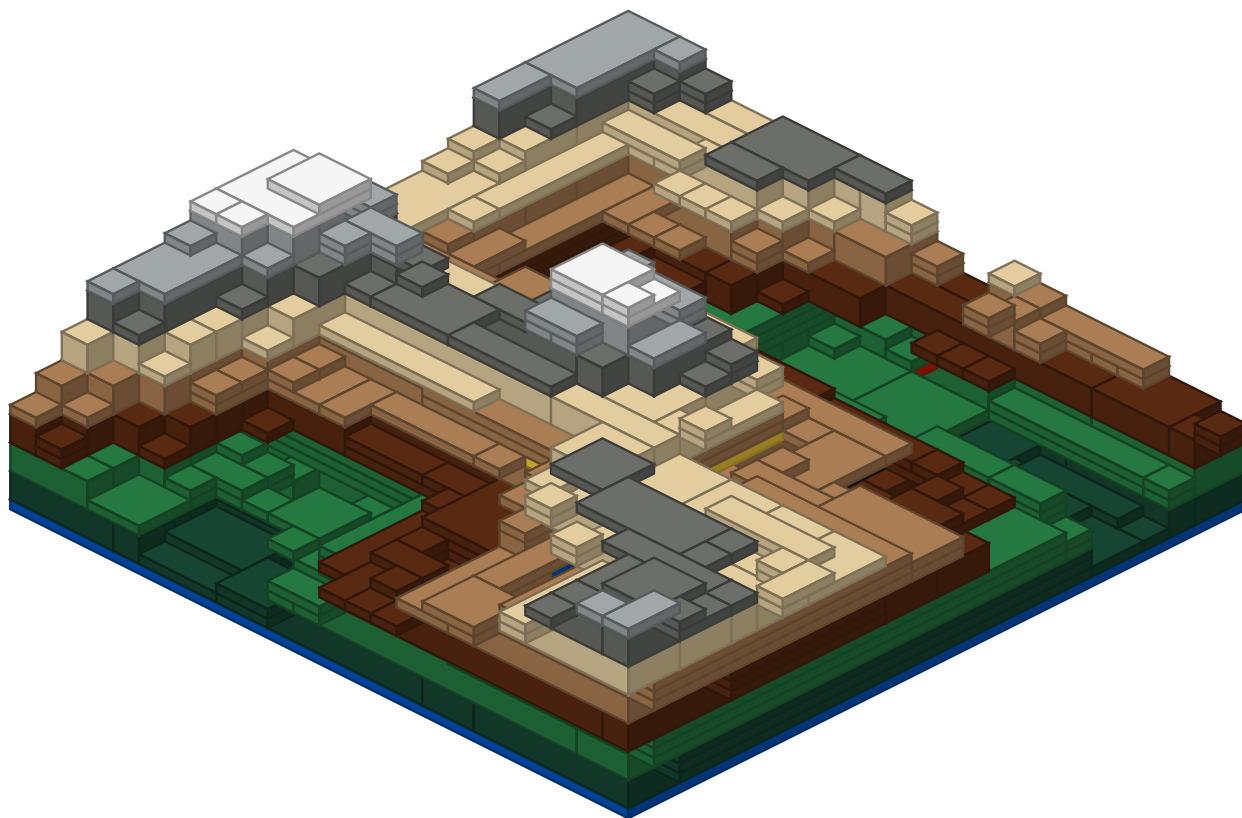


Matterhorn · 24 × 24

24 × 24 grid · 27 layers · 459 pieces · 108 steps



Build from the bottom up: start with Layer 1 on the base plate. Each step shows the blocks to pick up, where they go in 3D (outlined in red) and from above, with how many studs they sit from the nearest edges. In each layer the inside blocks, which no one will see, go down first in a bright colour for their quarter of the base: Red top right, Black top left, Yellow bottom left and Blue bottom right (29 of 459 pieces). Earlier layers are shown faded.

Layers

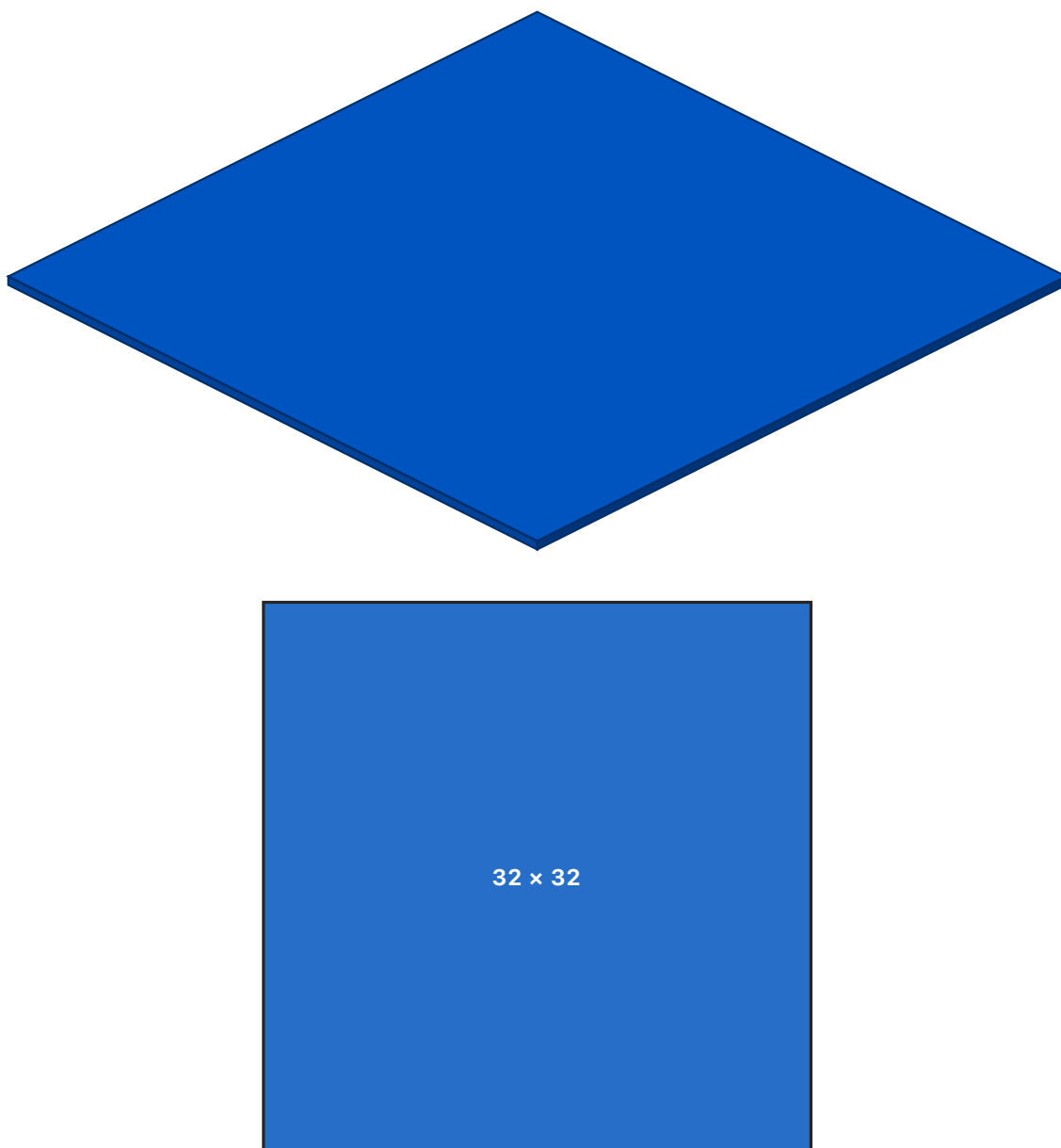
Layer 1	23 pieces
Layer 2 · plates	9 pieces
Layer 3 · plates	8 pieces
Layer 4 · plates	3 pieces
Layer 5	22 pieces
Layer 6 · plates	21 pieces
Layer 7 · plates	16 pieces
Layer 8 · plates	5 pieces
Layer 9	34 pieces
Layer 10 · plates	26 pieces
Layer 11 · plates	20 pieces
Layer 12 · plates	3 pieces
Layer 13	33 pieces
Layer 14 · plates	41 pieces
Layer 15 · plates	25 pieces

All parts

 x1 1x4 inside, red plate	 x1 1x3 inside, red	 x3 1x1 inside, red plate
 x2 6x12 inside, black plate	 x1 2x4 inside, black	
 x1 2x2 inside, black plate	 x7 1x1 inside, black plate	
 x1 6x8 inside, yellow plate	 x1 2x8 inside, yellow	
 x1 2x6 inside, yellow	 x1 1x6 inside, yellow	
 x3 2x6 inside, blue	 x1 2x4 inside, blue	
 x1 1x2 inside, blue plate	 x1 1x1 inside, blue plate	 x3 1x1 inside, blue

1 Lay the base

Step 1 of 109 · everything is built on this



Parts for this step

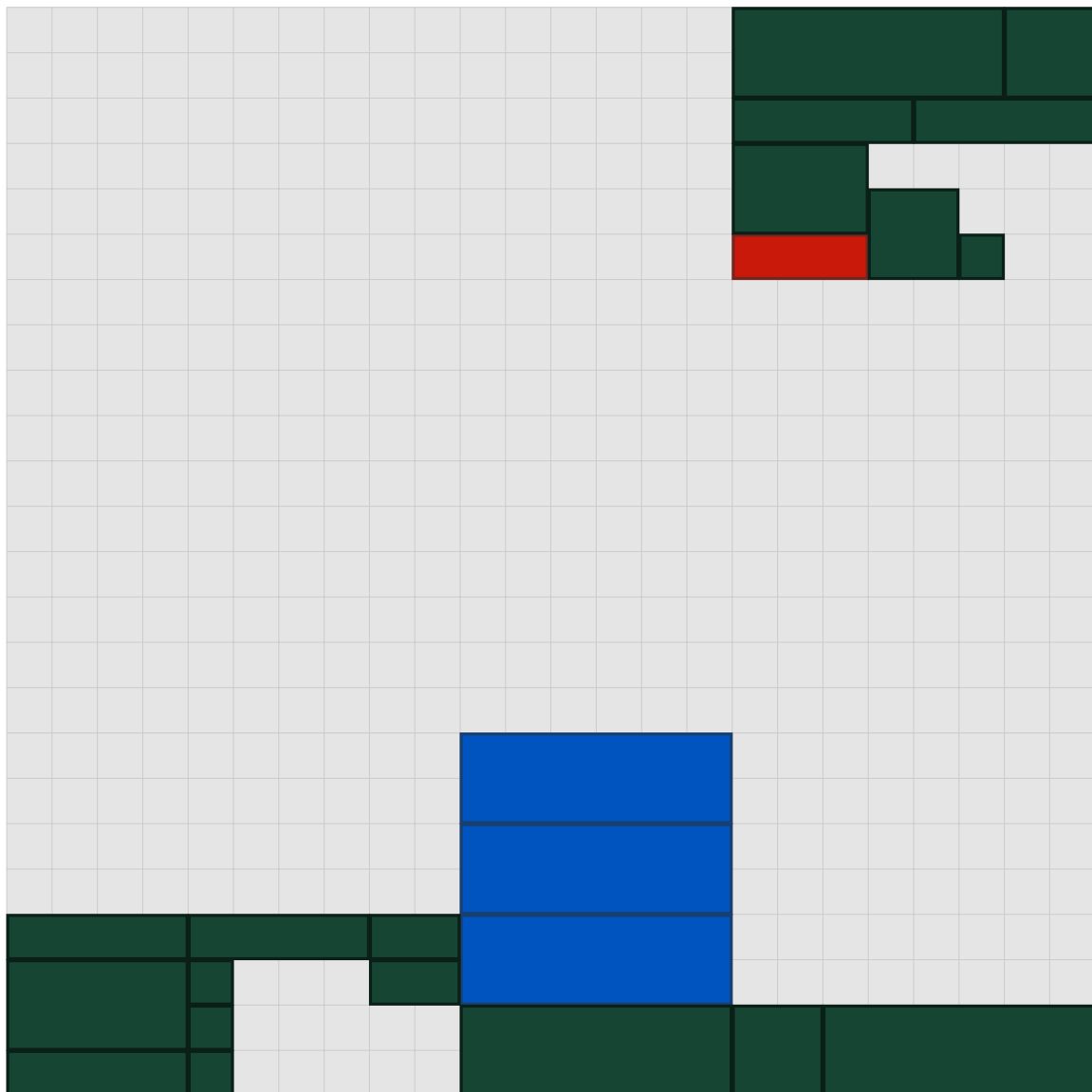
×1 Baseplate 32 × 32 · Blue (BrickLink 3811)

Clip the plates together edge to edge. The model's squares match the studs one for one, and where the sea is, the blue base shows through. The base is bigger than the 24 × 24 model: build from its back corner (top left in the plan), leaving a border of spare studs in front.



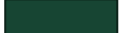
Layer 1 of 27

Bricks · 23 pieces · 129 squares · 6 steps



The whole layer from above. Pale grey shows the base plate; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

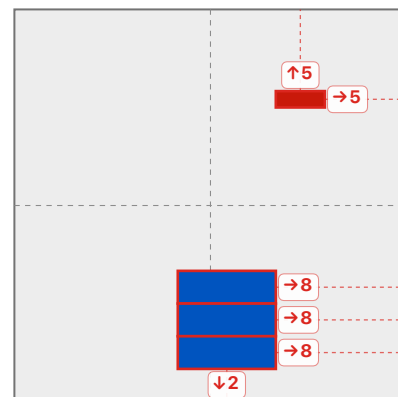
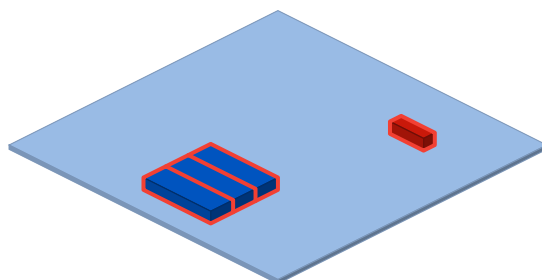
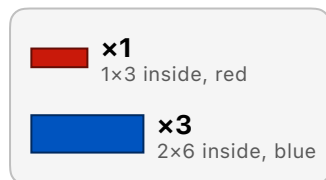
Parts for this layer

 x1 1x3 inside, red	 x3 2x6 inside, blue	 x3 2x6	 x1 2x4	 x1 2x3	 x5 1x4	 x3 2x2
 x2 1x2	 x4 1x1					

2

Layer 1 · step 1 of 6

Pieces 1–4 of 459

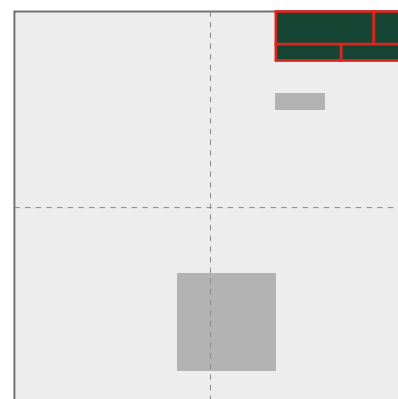
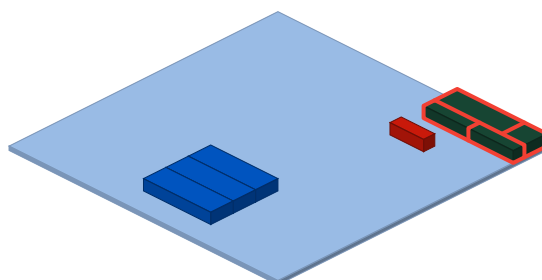
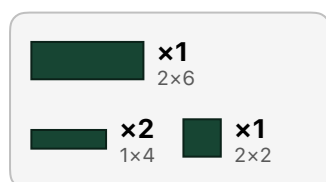


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

3

Layer 1 · step 2 of 6

Pieces 5–8 of 459

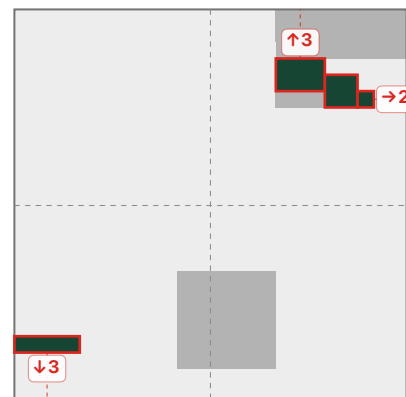
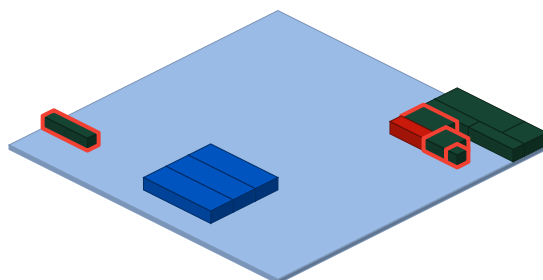
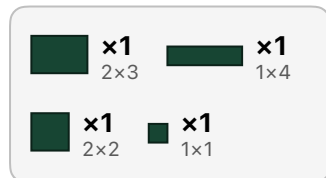


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

4

Layer 1 · step 3 of 6

Pieces 9–12 of 459

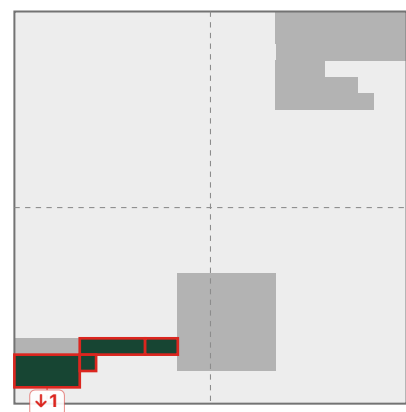
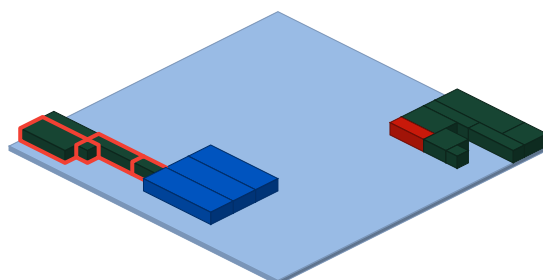
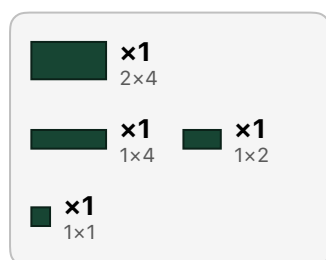


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

5

Layer 1 · step 4 of 6

Pieces 13–16 of 459

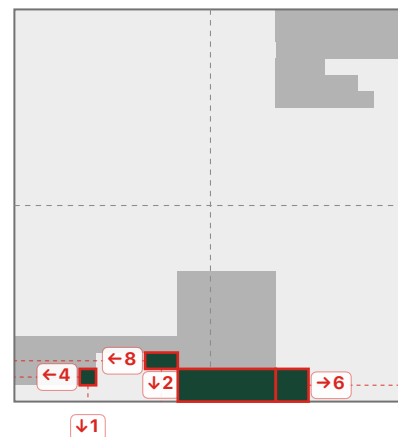
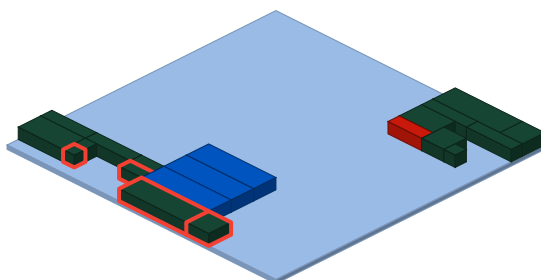
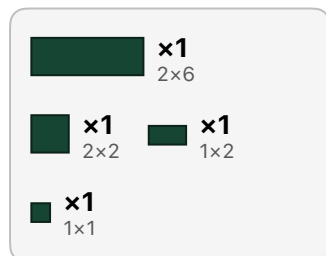


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

6

Layer 1 · step 5 of 6

Pieces 17–20 of 459

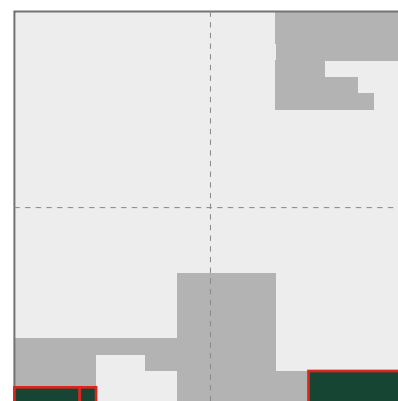
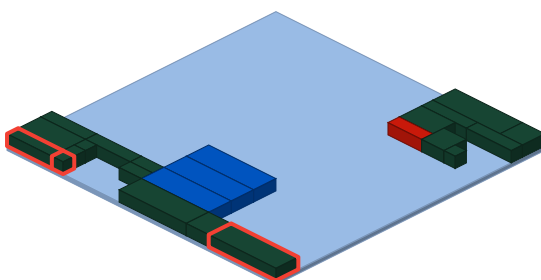
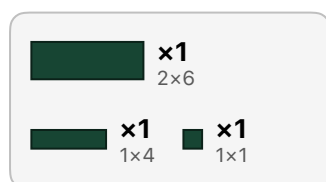


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

7

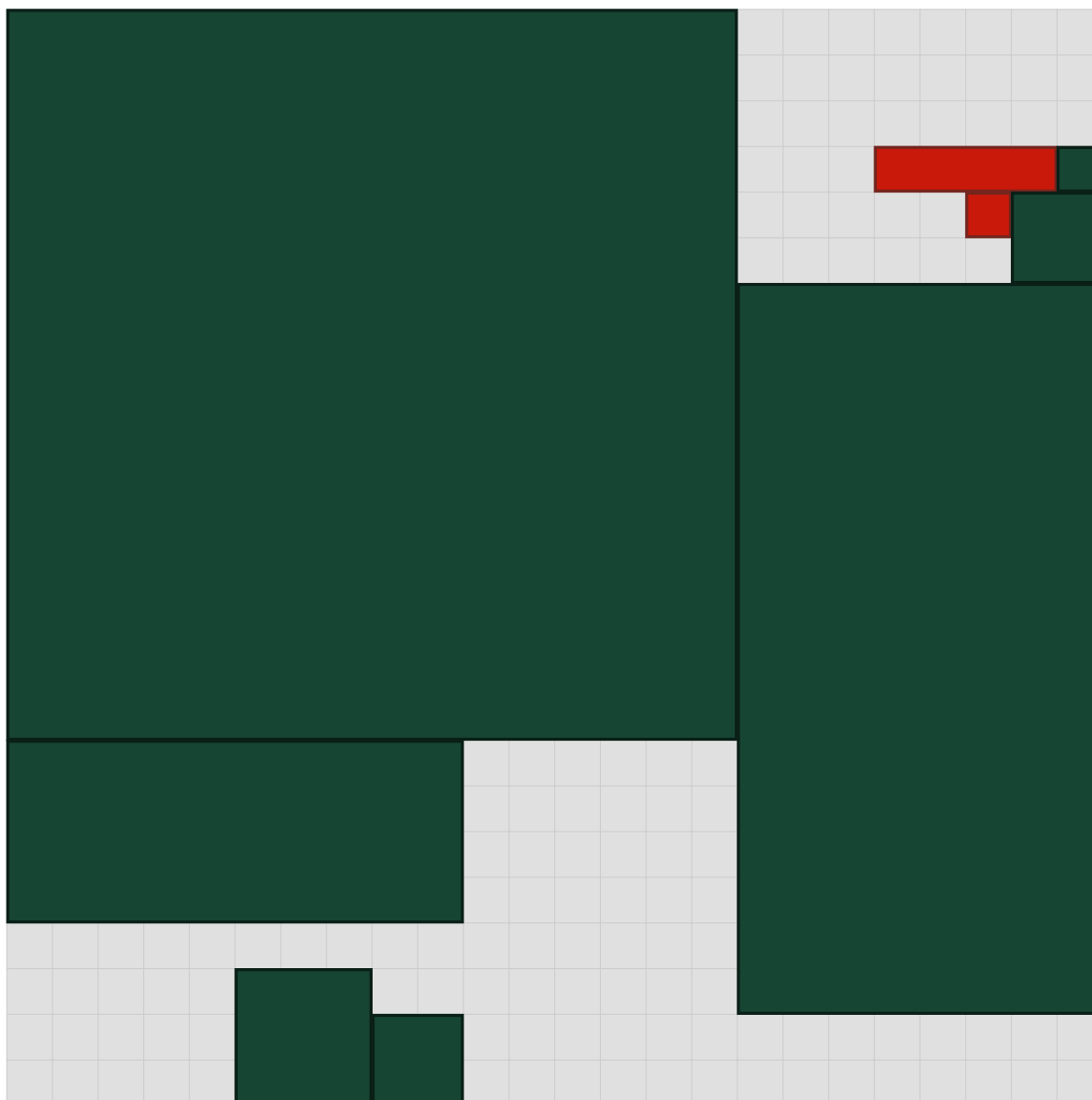
Layer 1 · step 6 of 6

Pieces 21–23 of 459

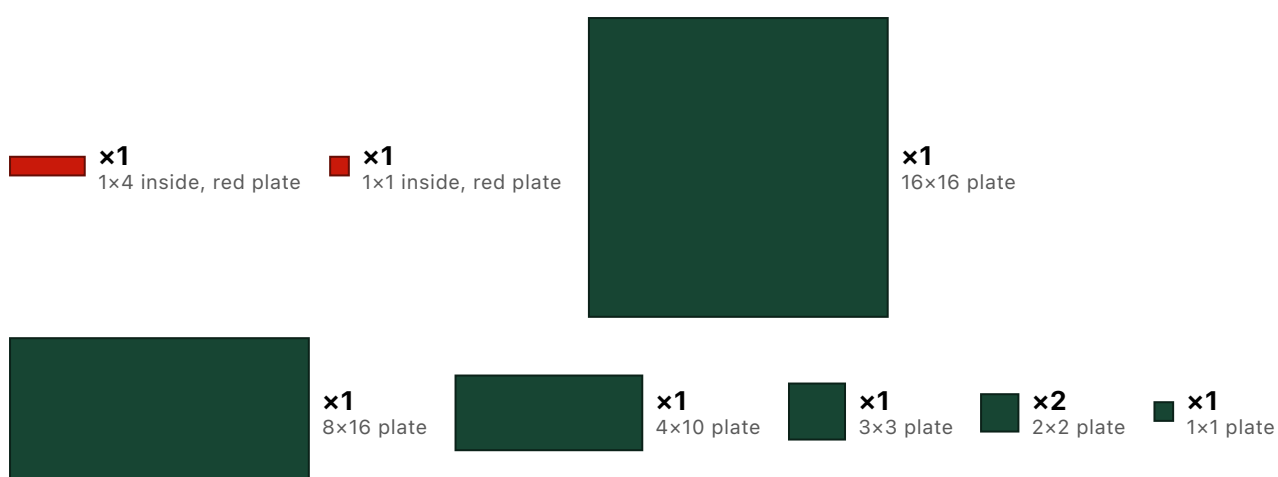


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Plates · 9 pieces · 447 squares · 3 steps



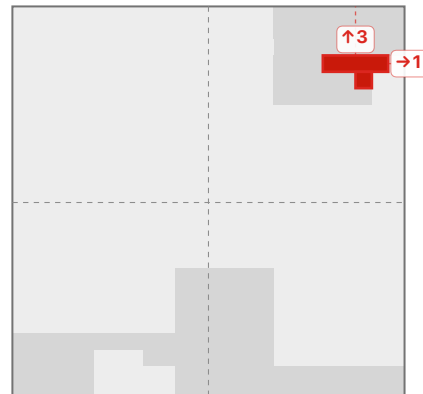
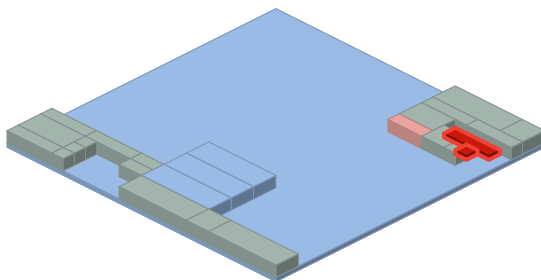
Parts for this layer



8

Layer 2 plates · step 1 of 3

Pieces 24–25 of 459

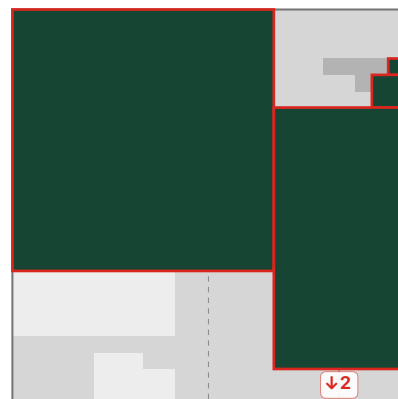
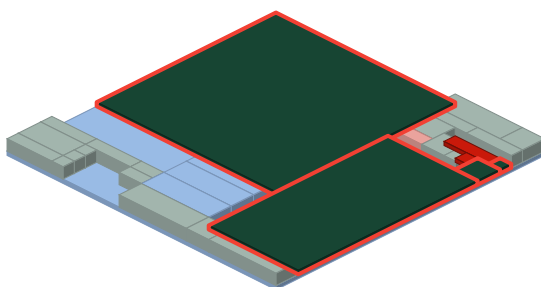


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

9

Layer 2 plates · step 2 of 3

Pieces 26–29 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

10

Layer 2 plates · step 3 of 3

Pieces 30–32 of 459

x1

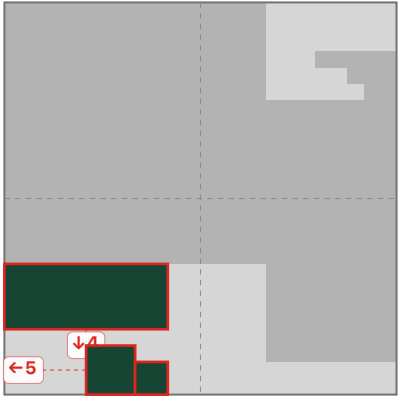
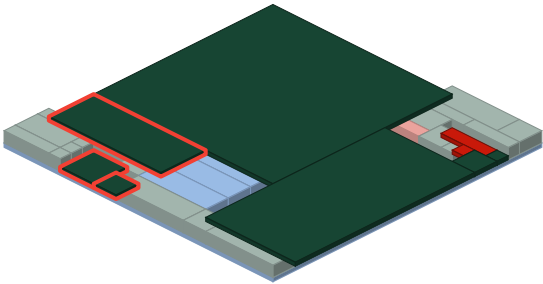
4x10 plate

x1

3x3 plate

x1

2x2 plate

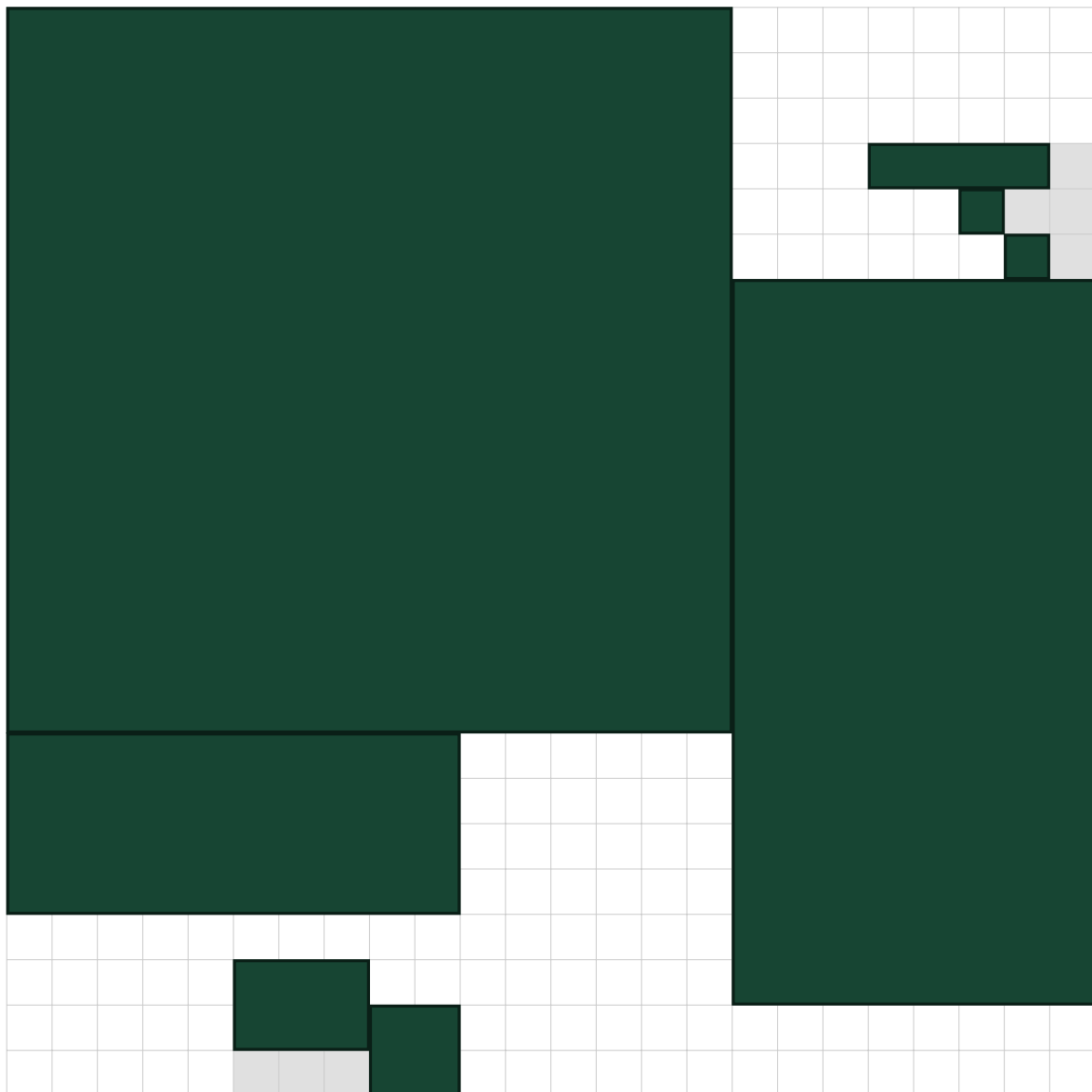


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



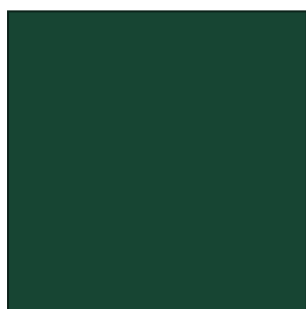
Layer 3 of 27

Plates · 8 pieces · 440 squares · 2 steps



The whole layer from above. Pale grey shows Layer 2 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer



x1
16x16 plate



x1
8x16 plate



x1
4x10 plate



x1
2x3 plate



x1
1x4 plate



x1
2x2 plate

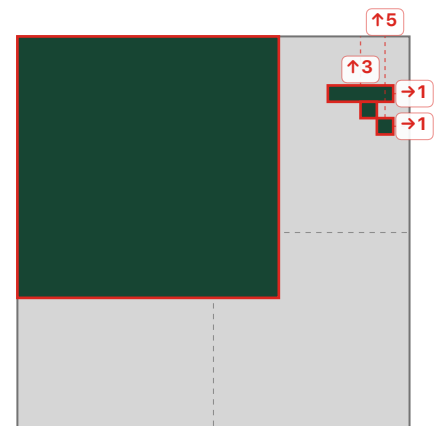
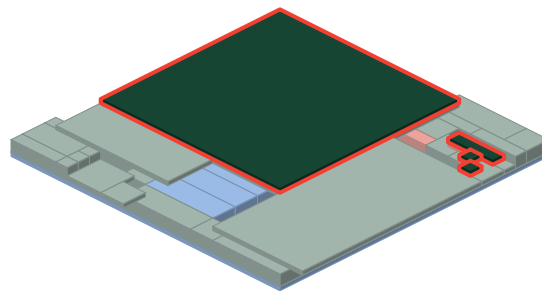
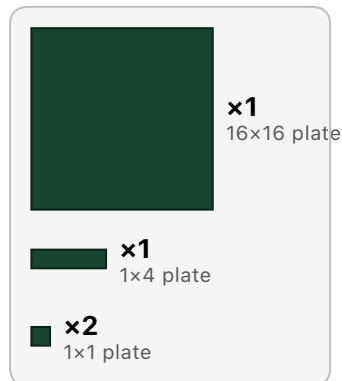


x2
1x1 plate

11

Layer 3 plates · step 1 of 2

Pieces 33–36 of 459

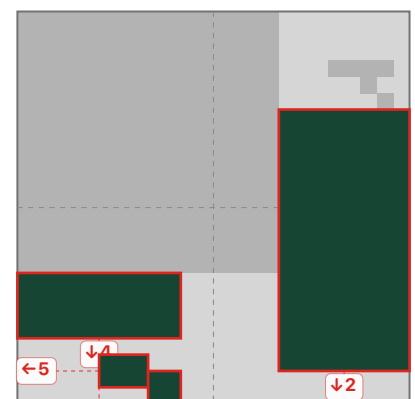
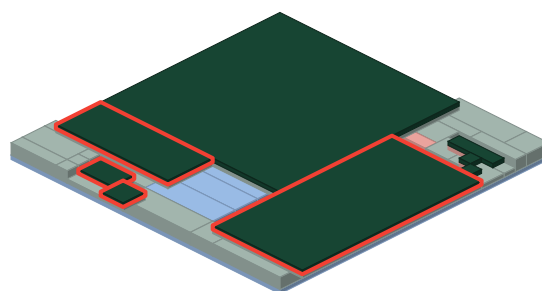
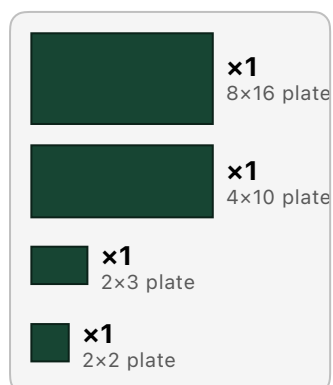


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

12

Layer 3 plates · step 2 of 2

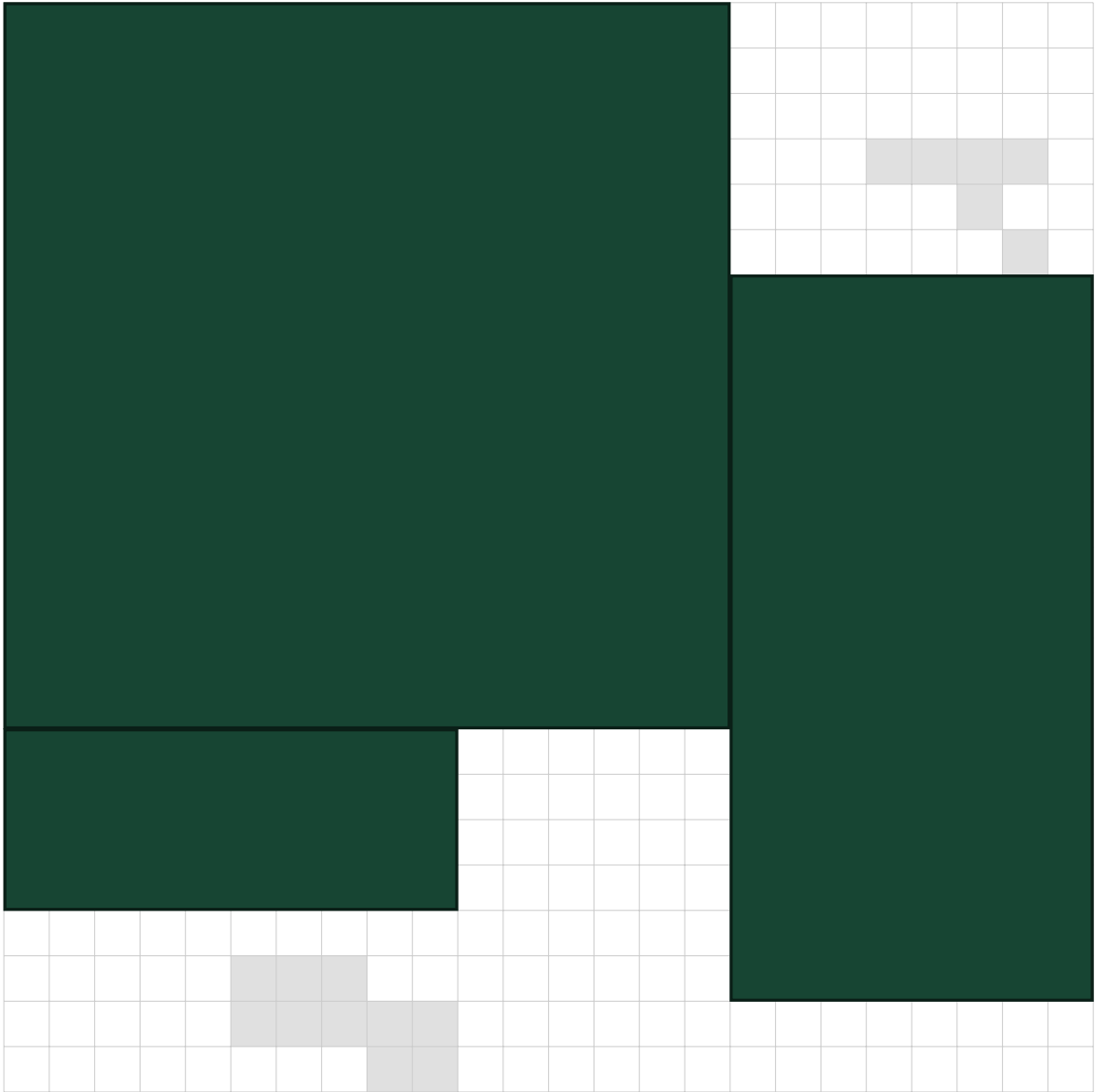
Pieces 37–40 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 4 of 27

Plates · 3 pieces · 424 squares · 1 steps



The whole layer from above. Pale grey shows Layer 3 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x1

16x16 plate

x1

8x16 plate

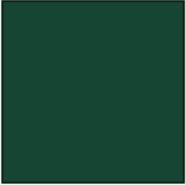
x1

4x10 plate

13

 **Layer 4 plates · step**
1 of 1

Pieces 41–43 of 459



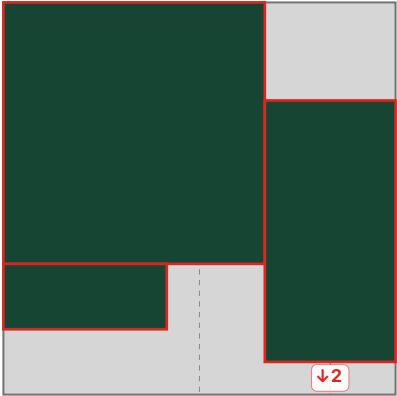
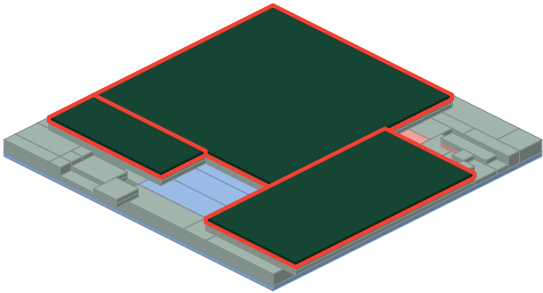
x1
16×16 plate



x1
8×16 plate



x1
4×10 plate

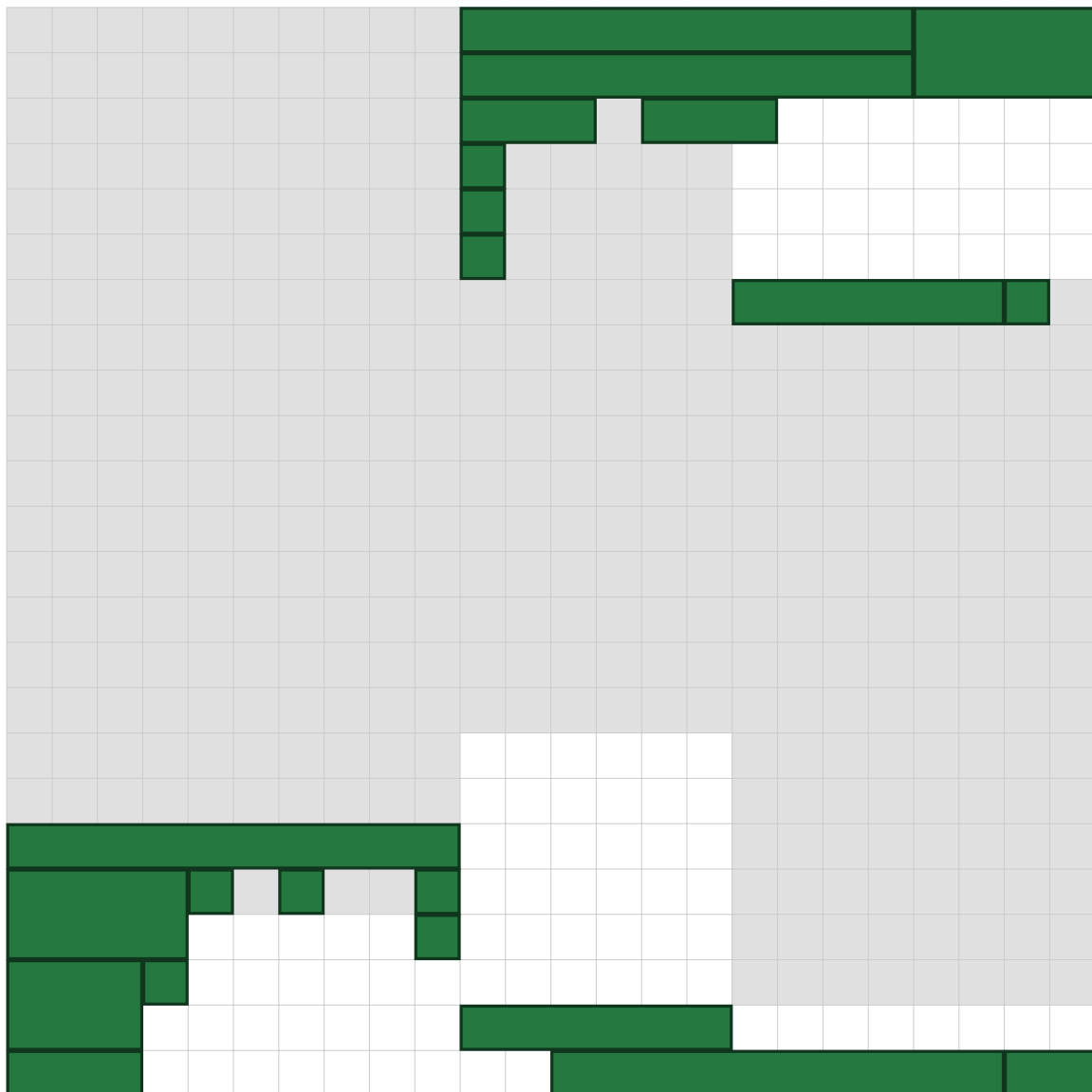


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 5 of 27

Bricks · 22 pieces · 94 squares · 6 steps



The whole layer from above. Pale grey shows Layer 4 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

 **x4**
1x10  **x2**
2x4  **x2**
1x6  **x1**
2x3  **x3**
1x3  **x1**
1x2  **x9**
1x1

14

Layer 5 · step 1 of 6

Pieces 44–47 of 459

x2

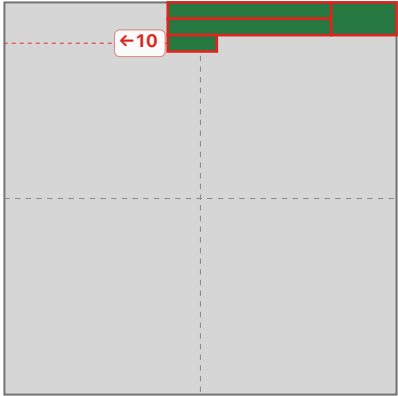
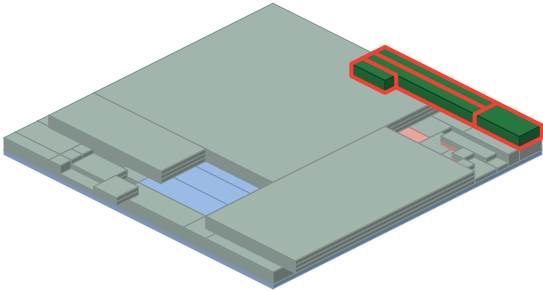
1x10

x1

2x4

x1

1x3



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

15

Layer 5 · step 2 of 6

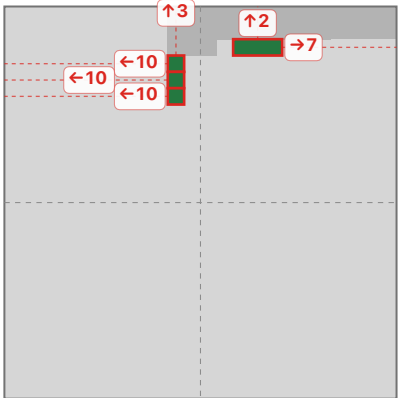
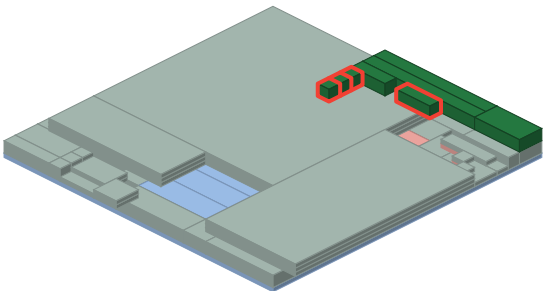
Pieces 48–51 of 459

x1

1x3

x3

1x1

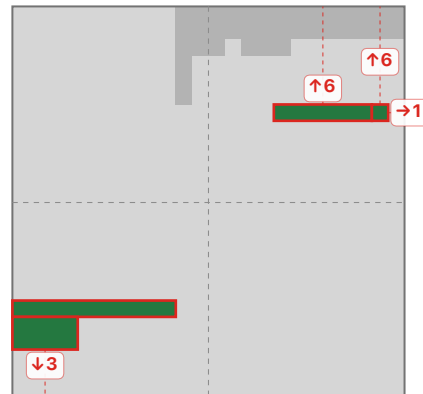
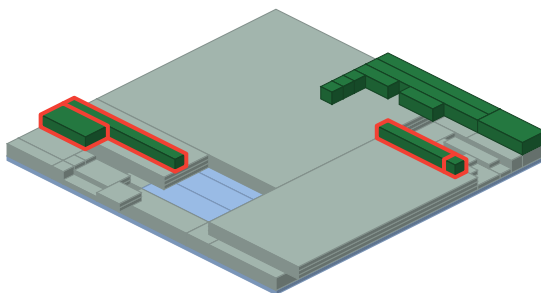
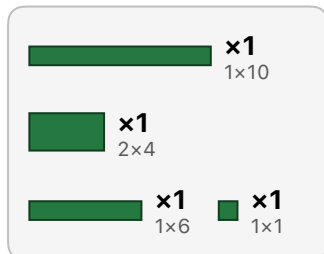


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

16

Layer 5 · step 3 of 6

Pieces 52–55 of 459

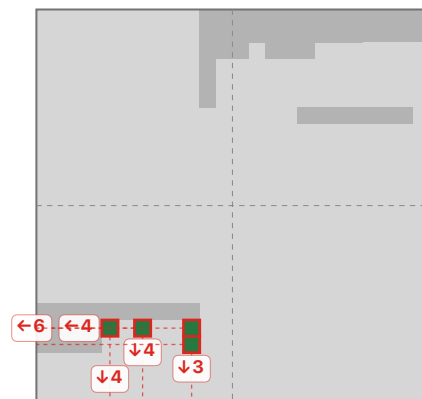
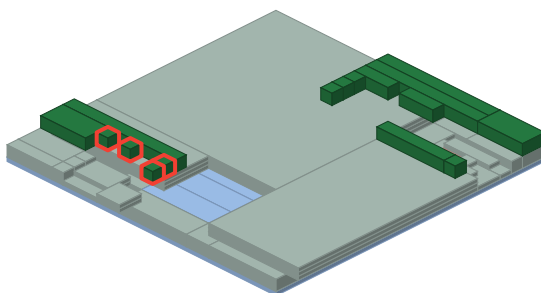


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

17

Layer 5 · step 4 of 6

Pieces 56–59 of 459

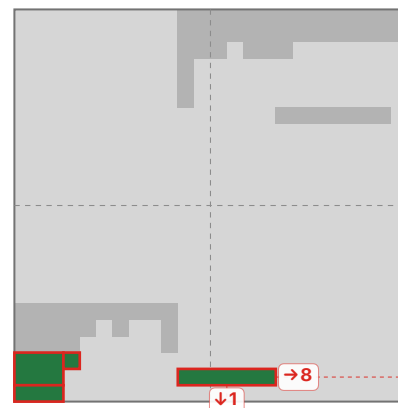
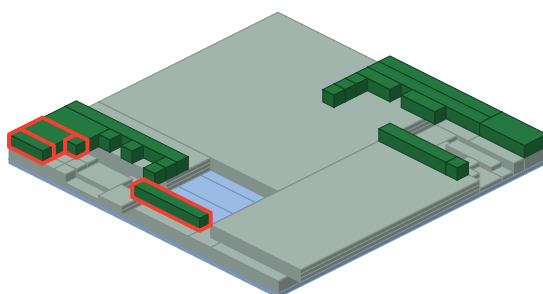
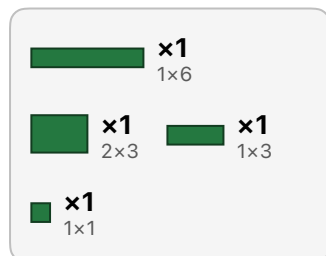


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

18

Layer 5 · step 5 of 6

Pieces 60–63 of 459

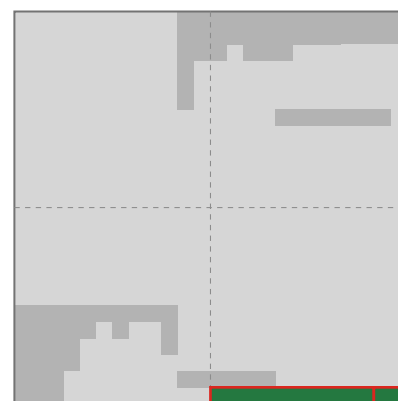
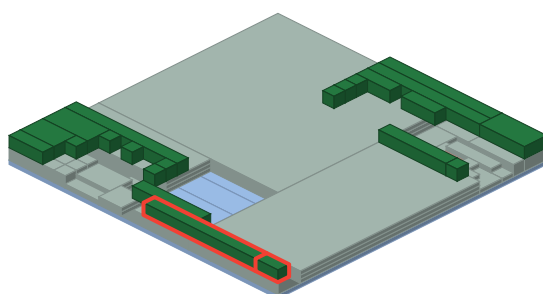
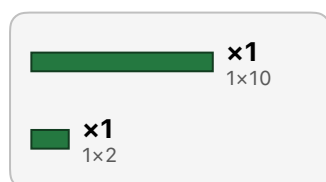


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

19

Layer 5 · step 6 of 6

Pieces 64–65 of 459

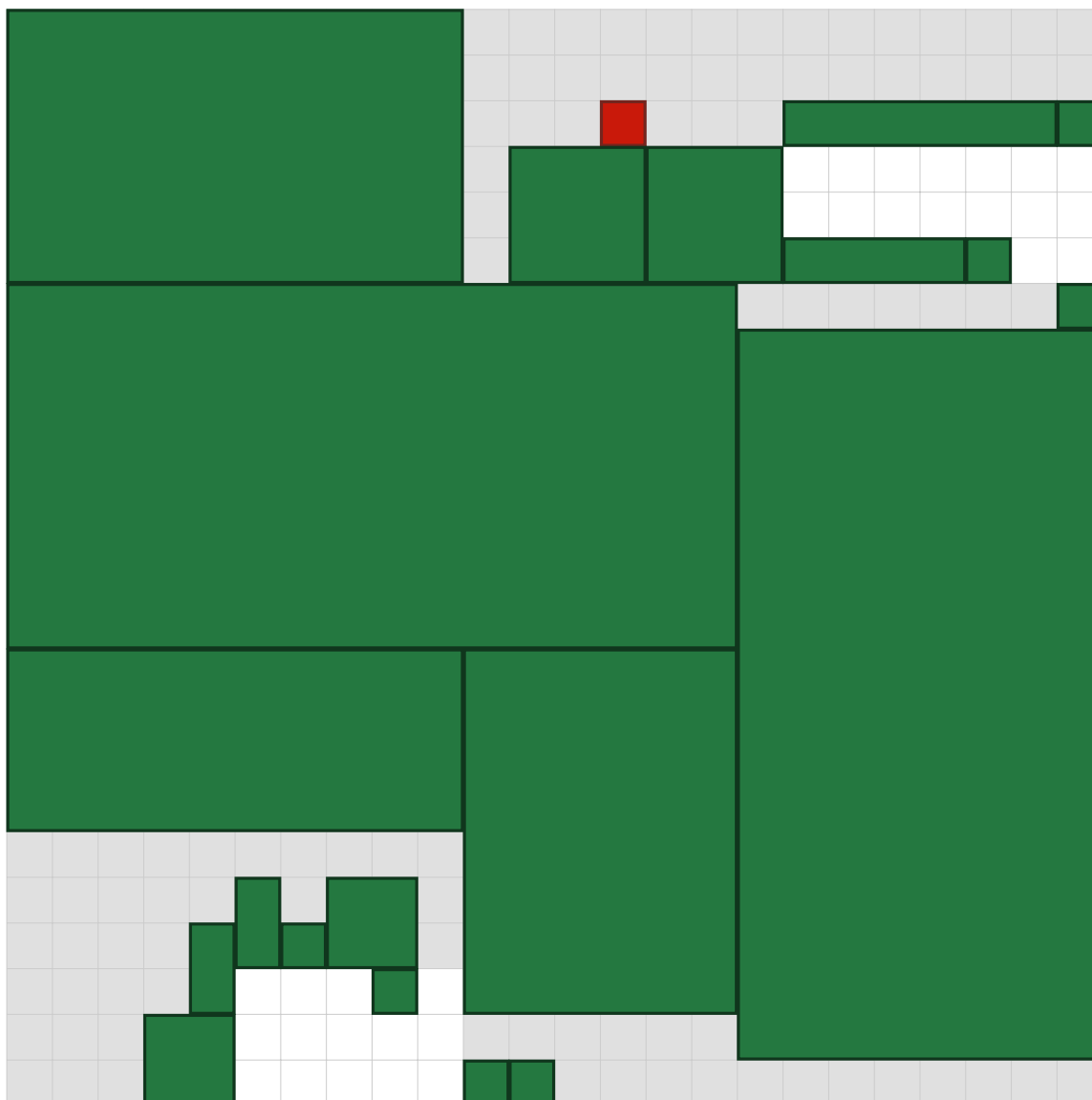


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



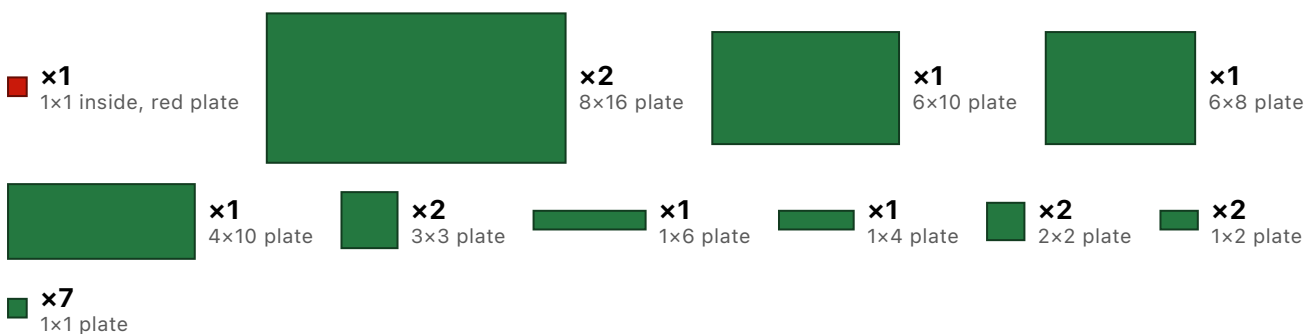
Layer 6 of 27

Plates · 21 pieces · 452 squares · 6 steps



The whole layer from above. Pale grey shows Layer 5 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

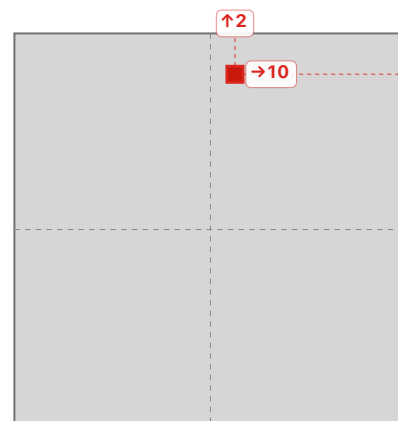
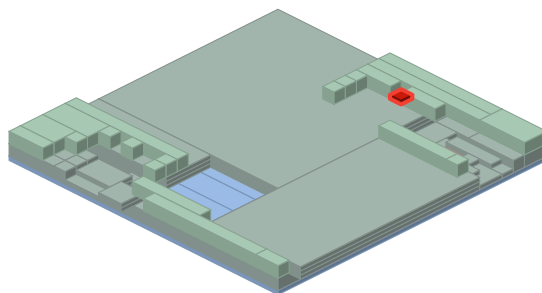


20

Layer 6 plates · step 1 of 6

Pieces 66–66 of 459

 **x1**
1x1 inside, red plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

21

Layer 6 plates · step 2 of 6

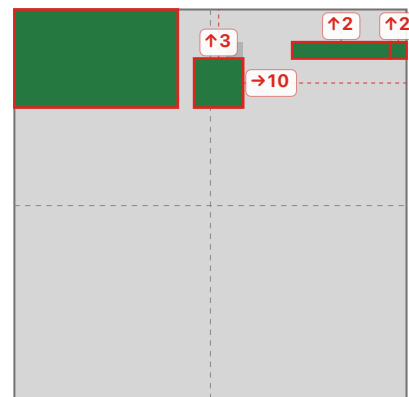
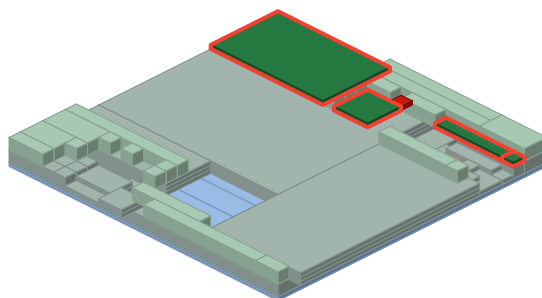
Pieces 67–70 of 459

 **x1**
6x10 plate

 **x1**
3x3 plate

 **x1**
1x6 plate

 **x1**
1x1 plate

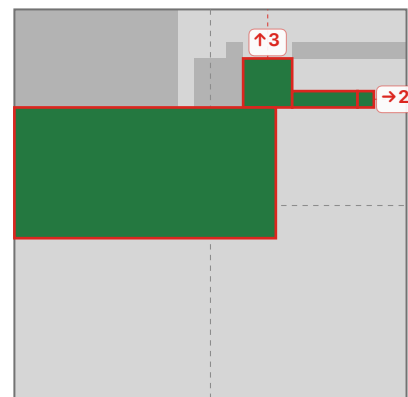
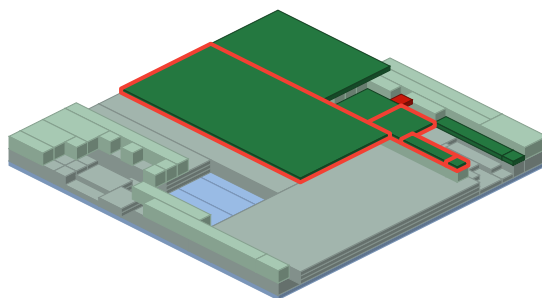


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

22

Layer 6 plates · step 3 of 6

Pieces 71–74 of 459

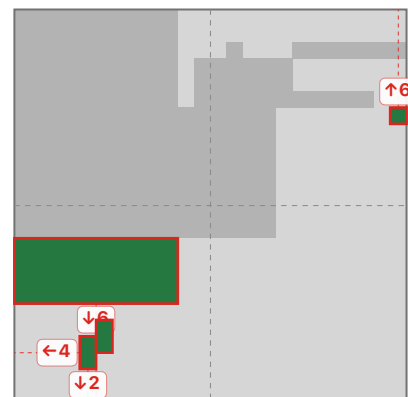
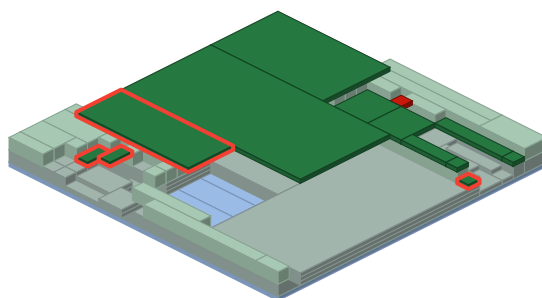
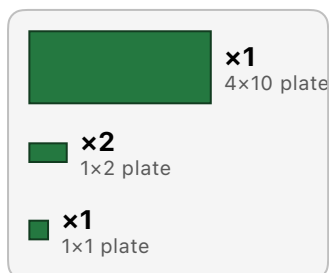


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

23

Layer 6 plates · step 4 of 6

Pieces 75–78 of 459

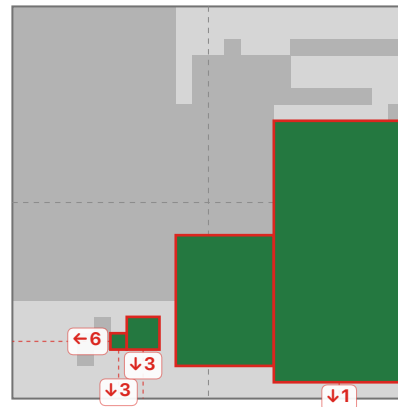
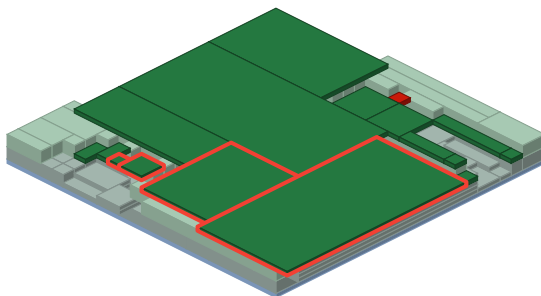
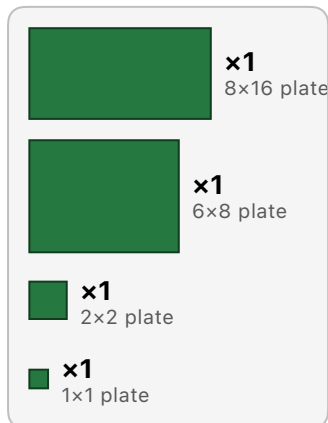


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

24

Layer 6 plates · step 5 of 6

Pieces 79–82 of 459

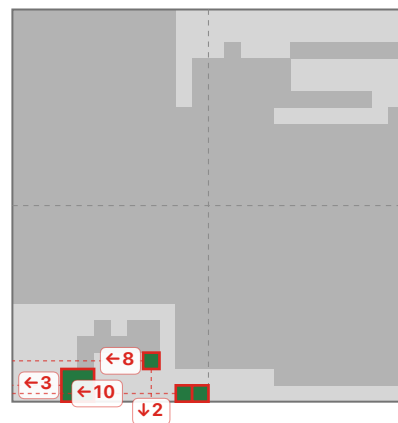
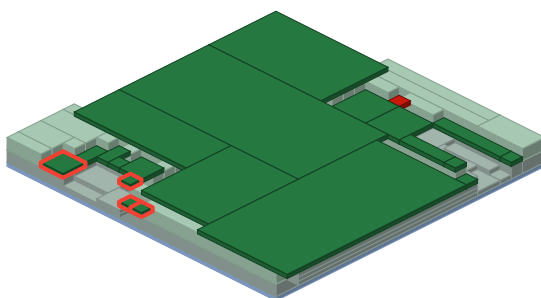
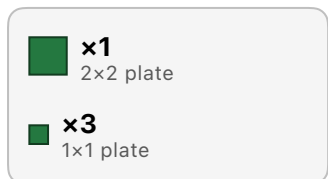


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

25

Layer 6 plates · step 6 of 6

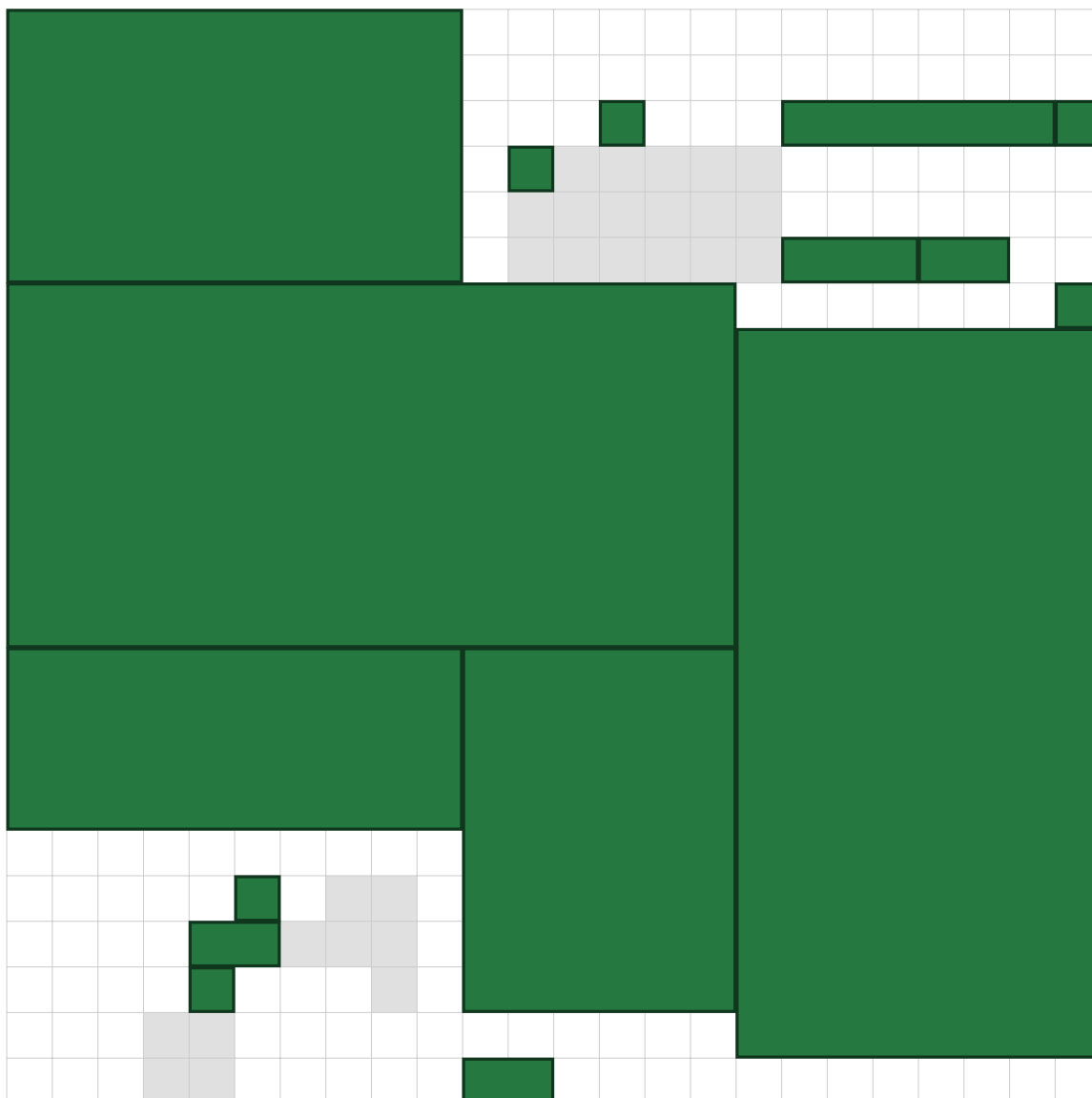
Pieces 83–86 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

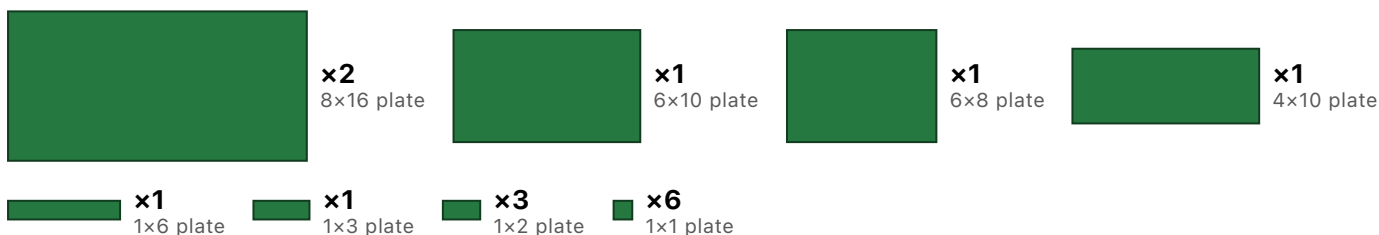
Layer 7 of 27

Plates · 16 pieces · 425 squares · 4 steps



The whole layer from above. Pale grey shows Layer 6 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

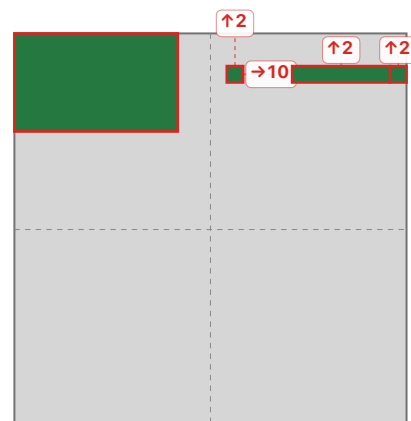
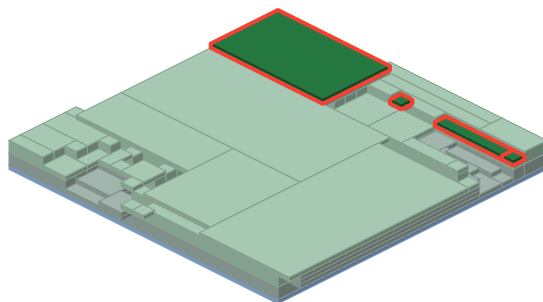
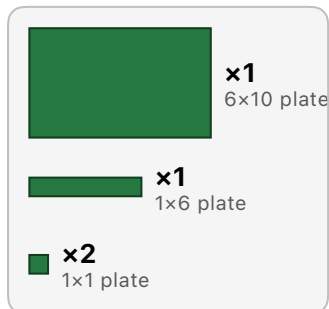
Parts for this layer



26

Layer 7 plates · step 1 of 4

Pieces 87–90 of 459

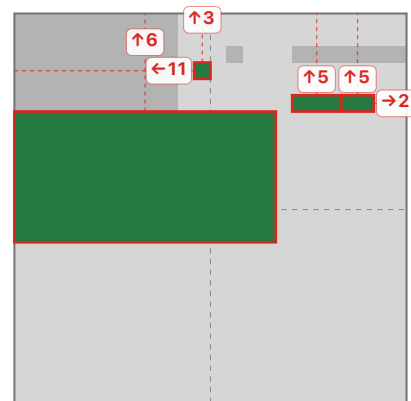
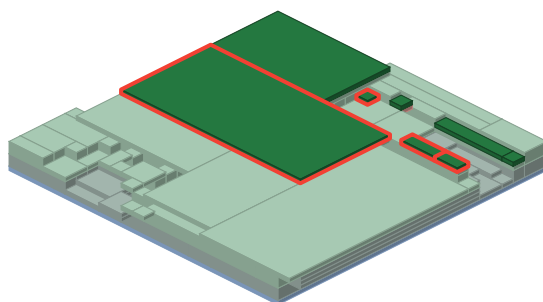


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

27

Layer 7 plates · step 2 of 4

Pieces 91–94 of 459

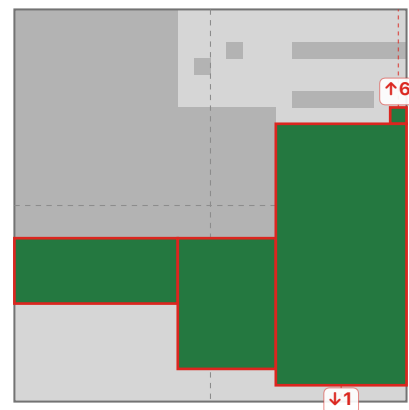
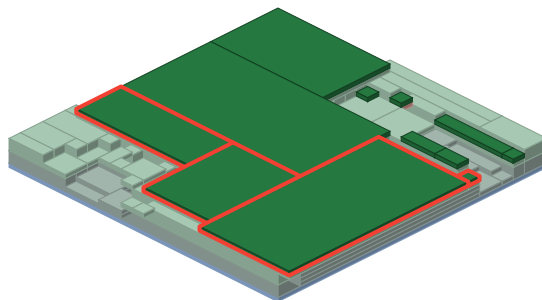
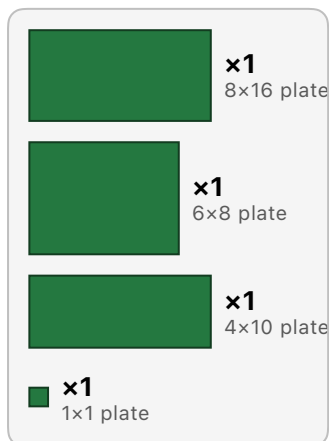


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

28

Layer 7 plates · step 3 of 4

Pieces 95–98 of 459

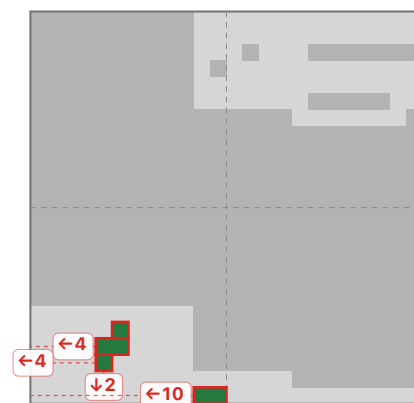
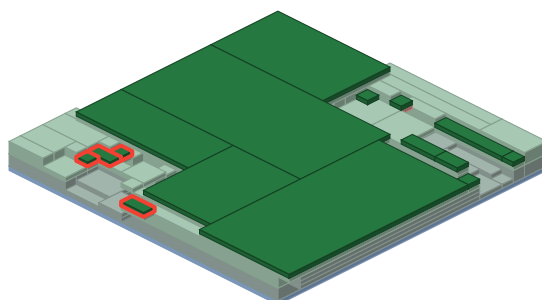
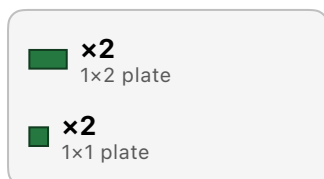


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

29

Layer 7 plates · step 4 of 4

Pieces 99–102 of 459

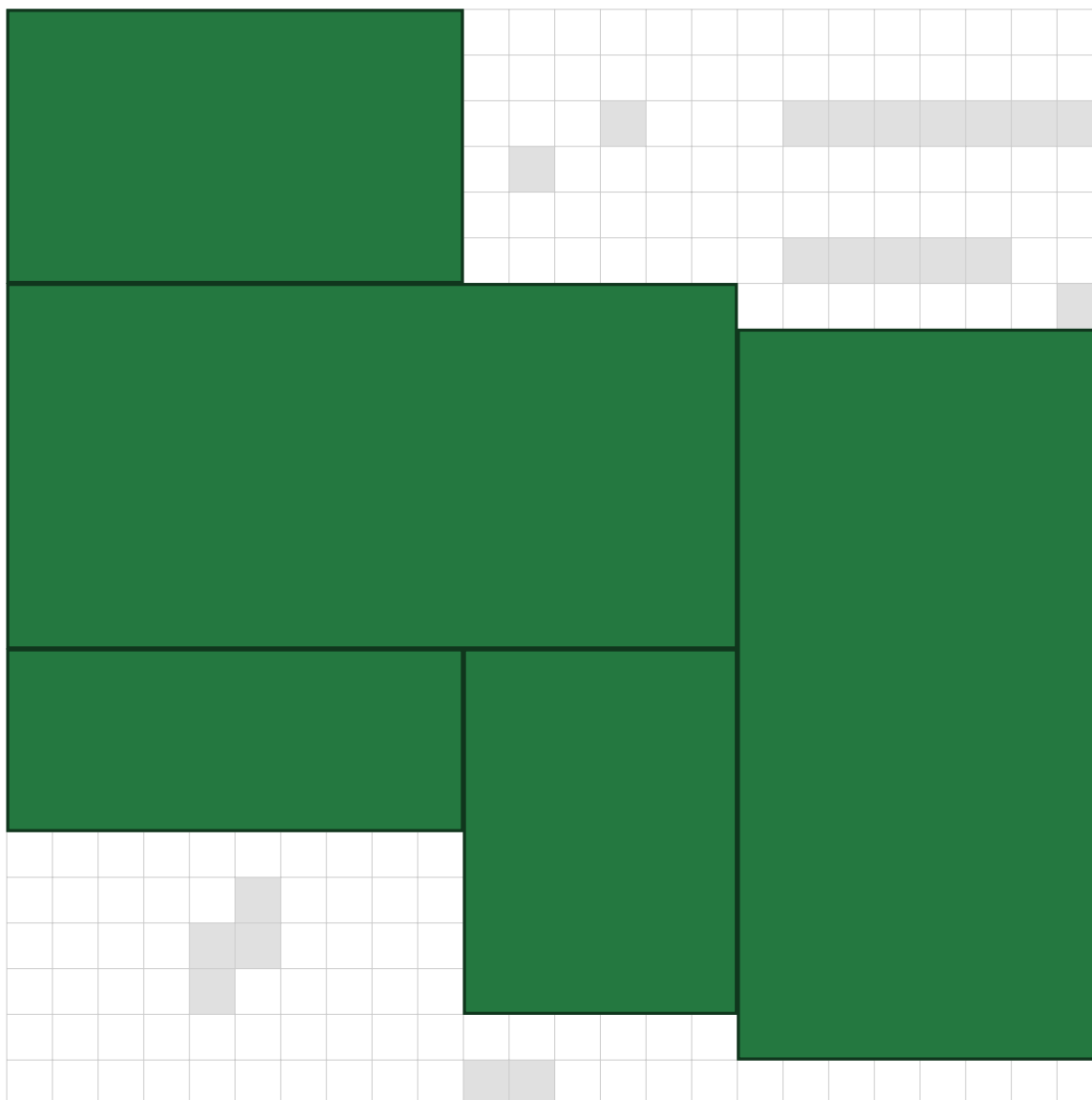


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 8 of 27

Plates · 5 pieces · 404 squares · 2 steps



The whole layer from above. Pale grey shows Layer 7 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer



x2
8x16 plate



x1
6x10 plate



x1
6x8 plate

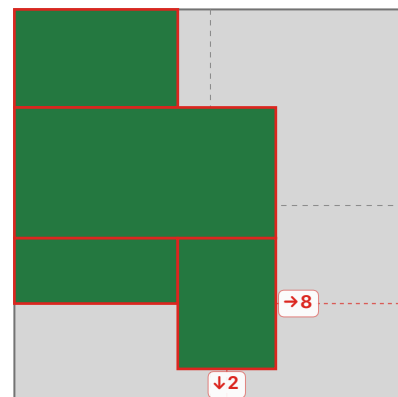
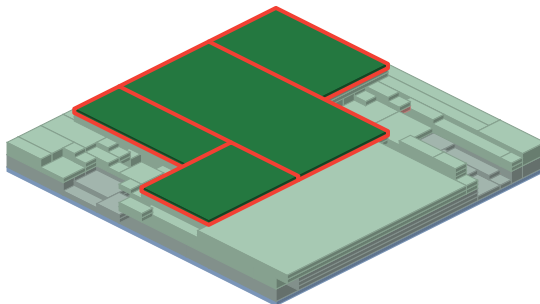
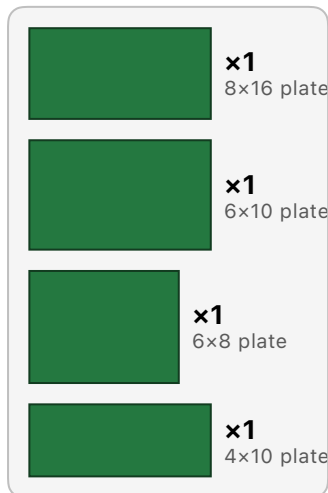


x1
4x10 plate

30

Layer 8 plates · step 1 of 2

Pieces 103–106 of 459

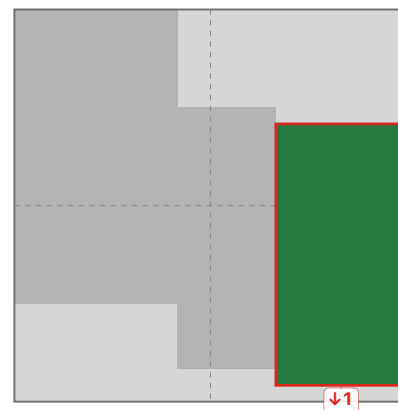
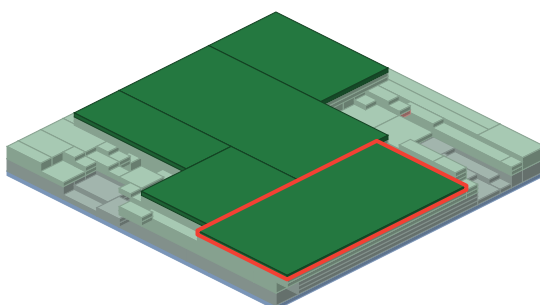
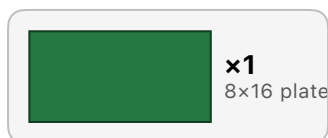


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

31

Layer 8 plates · step 2 of 2

Pieces 107–107 of 459

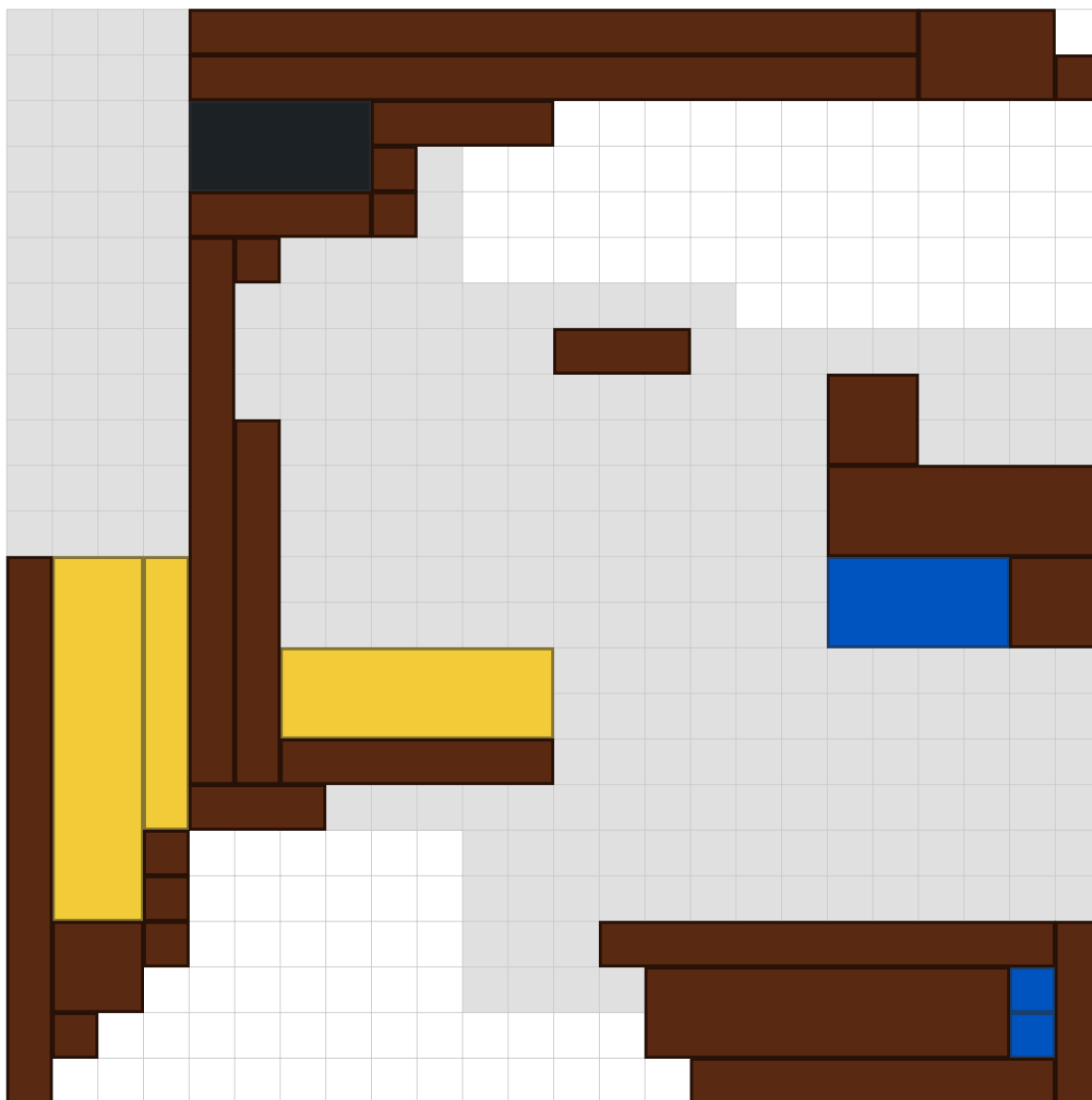


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



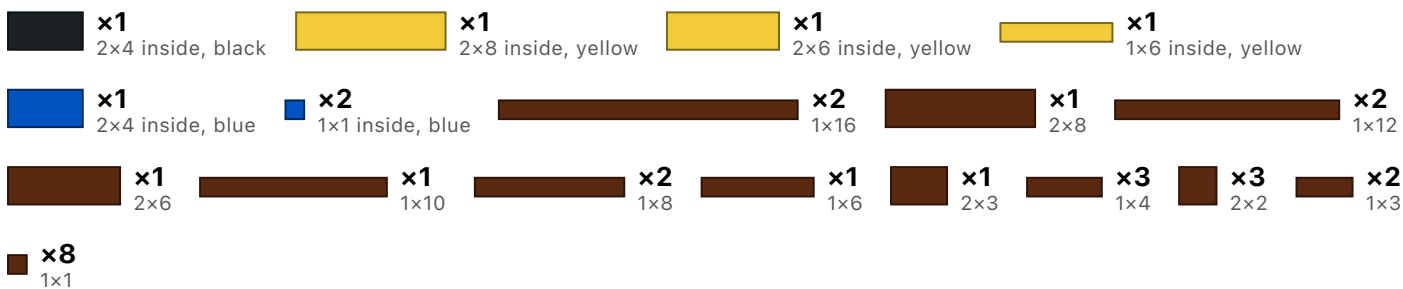
Layer 9 of 27

Bricks · 34 pieces · 212 squares · 7 steps



The whole layer from above. Pale grey shows Layer 8 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

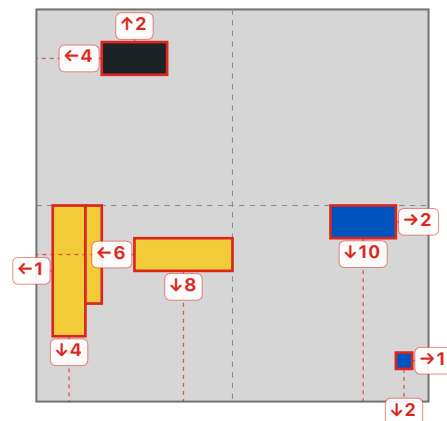
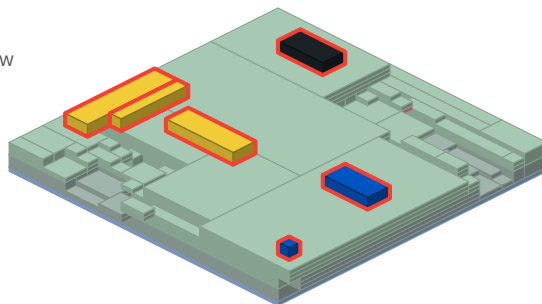
Parts for this layer



32

Layer 9 · step 1 of 7

Pieces 108–113 of 459

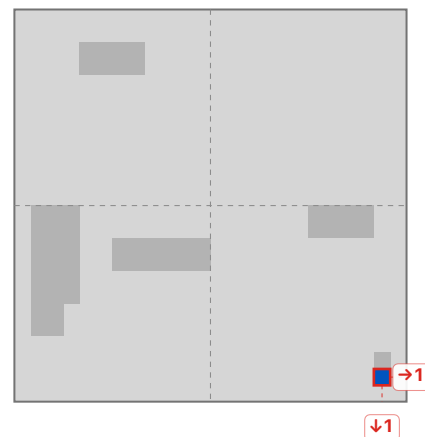
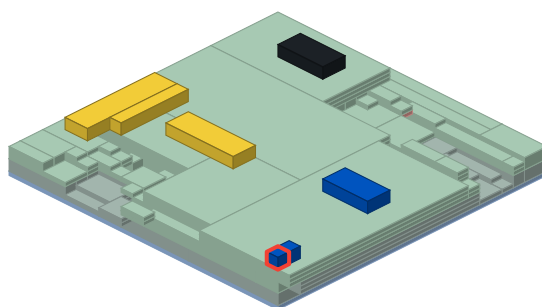
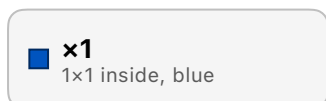


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

33

Layer 9 · step 2 of 7

Pieces 114–114 of 459

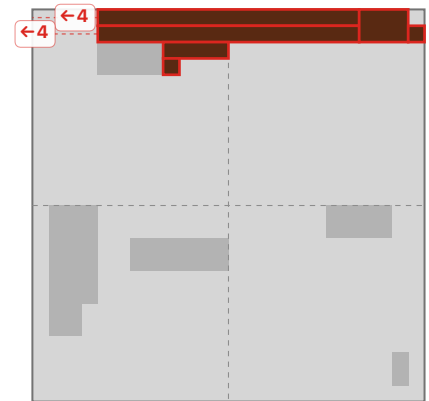
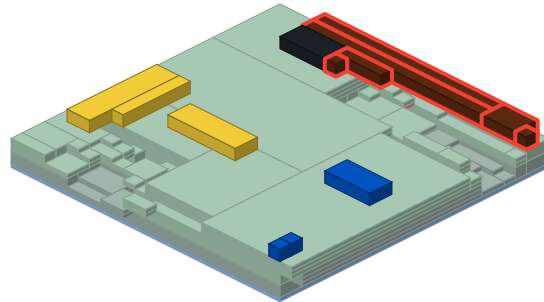
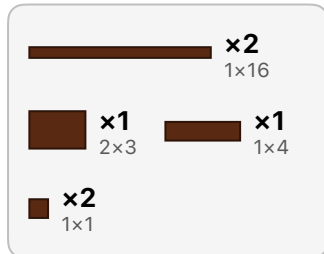


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

34

Layer 9 · step 3 of 7

Pieces 115–120 of 459

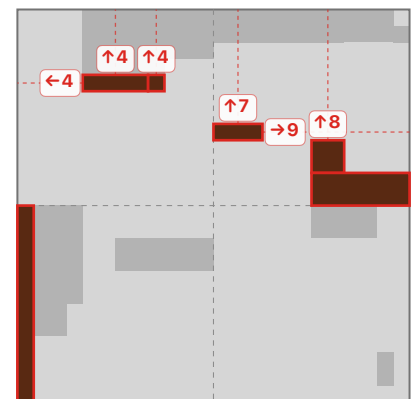
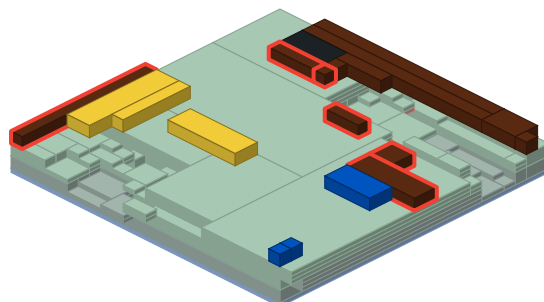
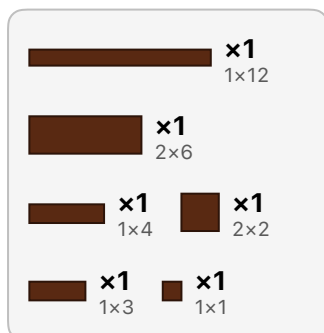


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

35

Layer 9 · step 4 of 7

Pieces 121–126 of 459

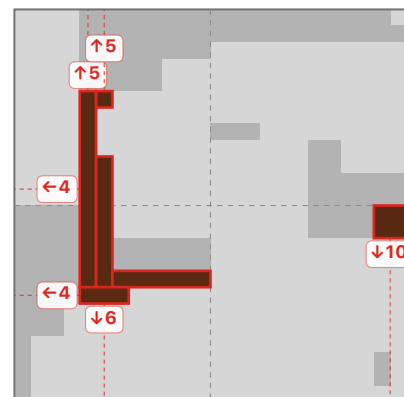
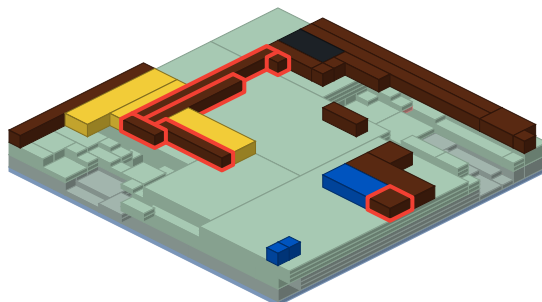
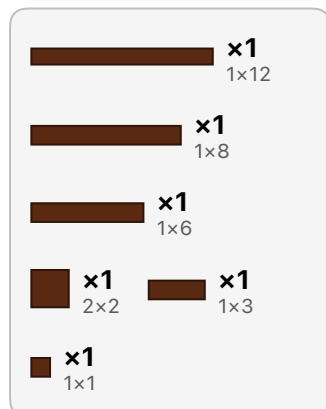


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

36

Layer 9 · step 5 of 7

Pieces 127–132 of 459

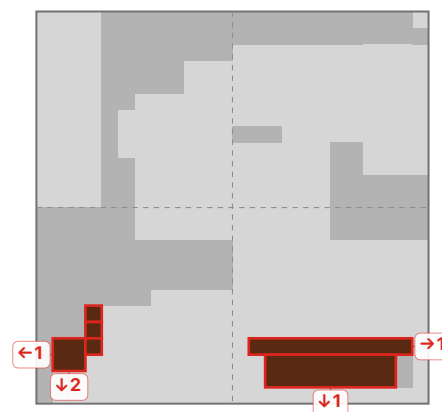
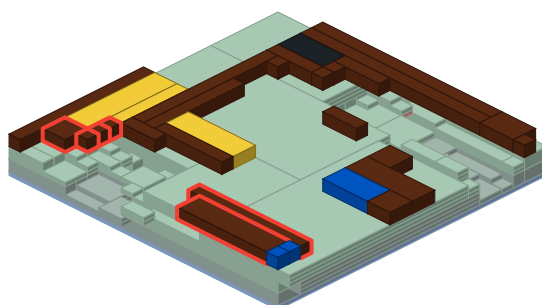
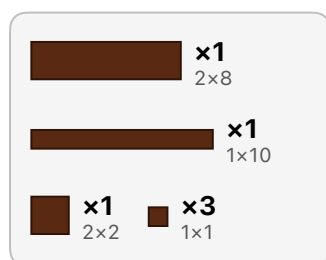


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

37

Layer 9 · step 6 of 7

Pieces 133–138 of 459

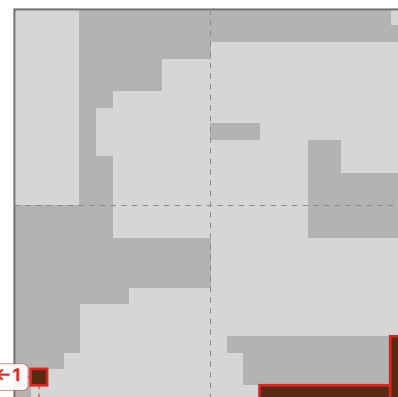
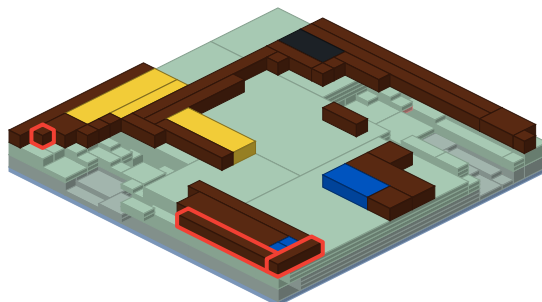


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

38

Layer 9 · step 7 of 7

Pieces 139–141 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 10 of 27

Plates · 26 pieces · 242 squares · 5 steps



The whole layer from above. Pale grey shows Layer 9 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

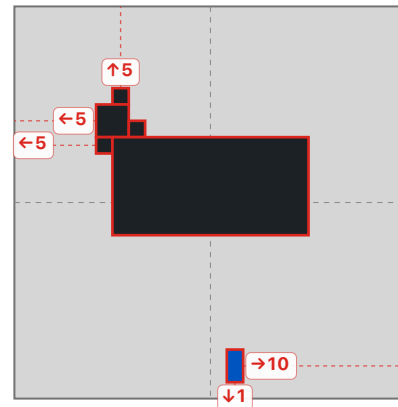
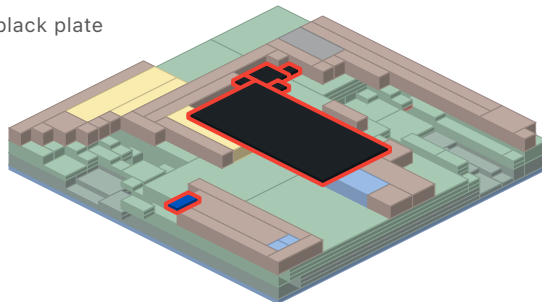
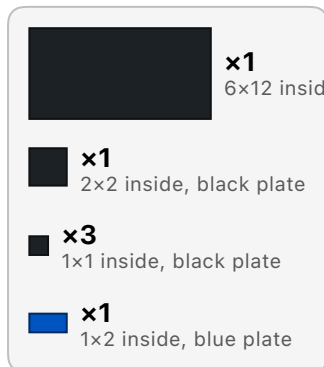
Parts for this layer



39

Layer 10 plates · step 1 of 5

Pieces 142–147 of 459

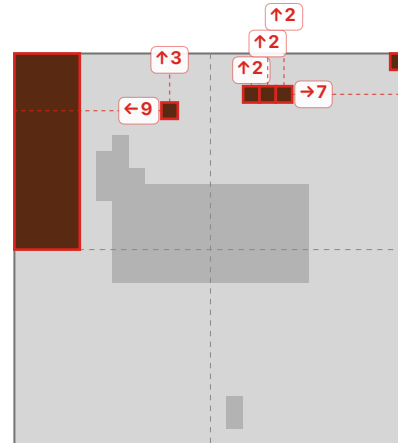
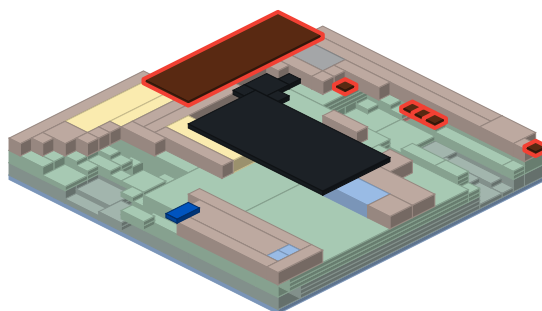
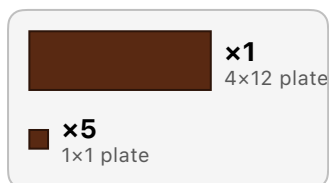


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

40

Layer 10 plates · step 2 of 5

Pieces 148–153 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

41

Layer 10 plates · step 3 of 5

Pieces 154–159 of 459

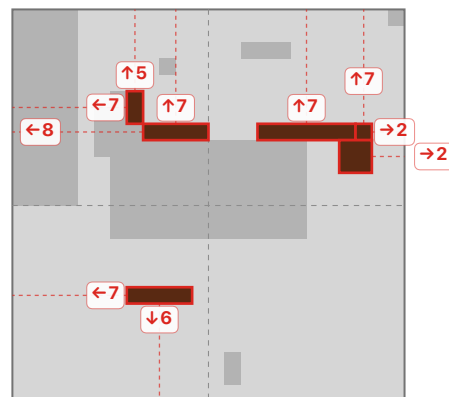
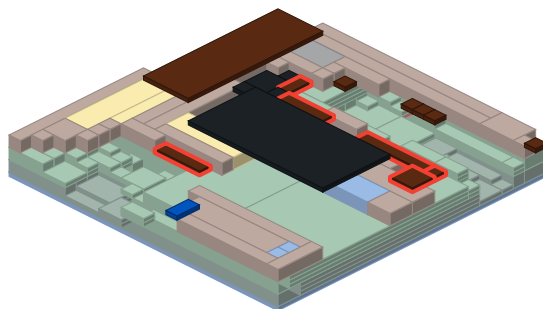
x1
1x6 plate

x2
1x4 plate

x1
2x2 plate

x1
1x2 plate

x1
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

42

Layer 10 plates · step 4 of 5

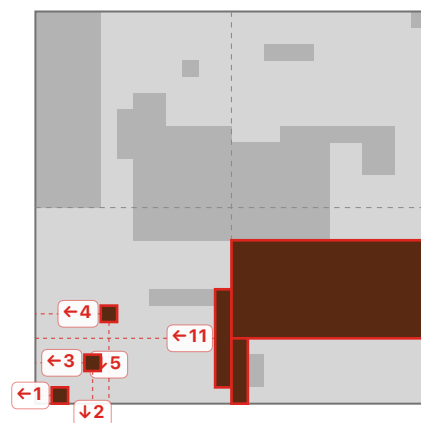
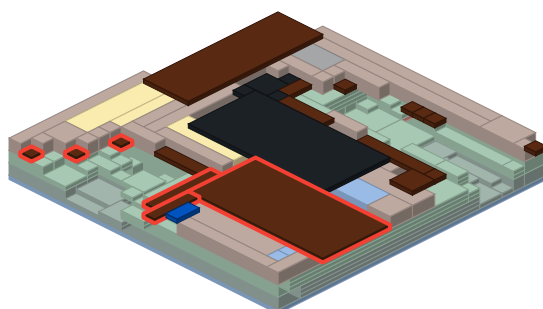
Pieces 160–165 of 459

x1
6x12 plate

x1
1x6 plate

x1
1x4 plate

x3
1x1 plate



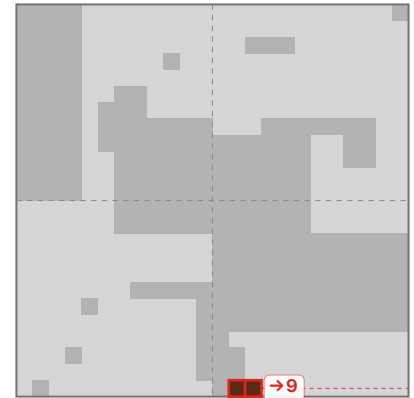
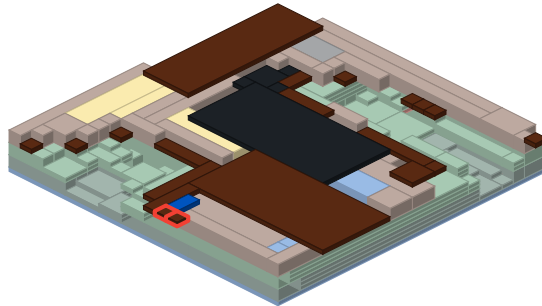
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

43

■ Layer 10 plates · step
5 of 5

Pieces 166–167 of 459

■ **x2**
1x1 plate

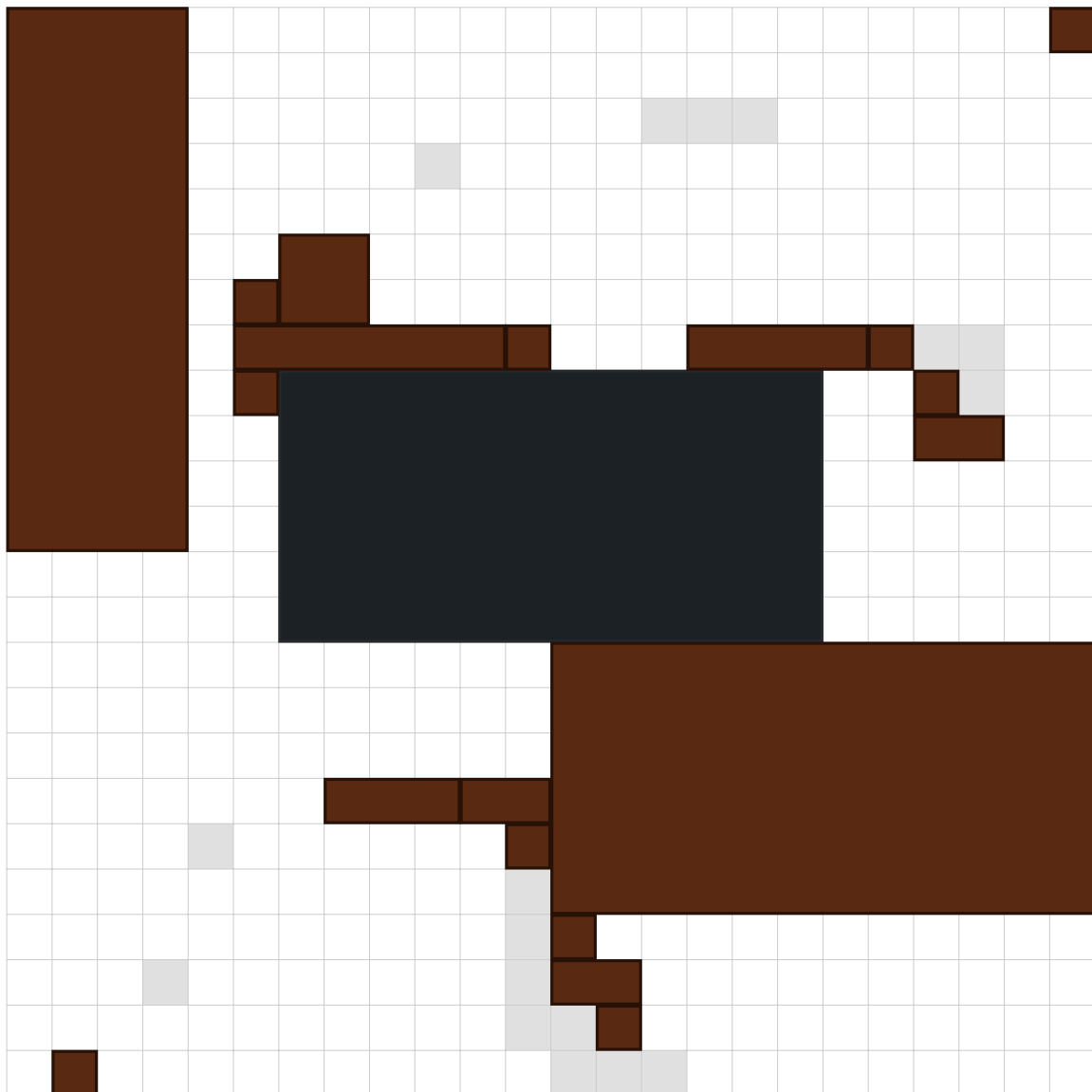


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



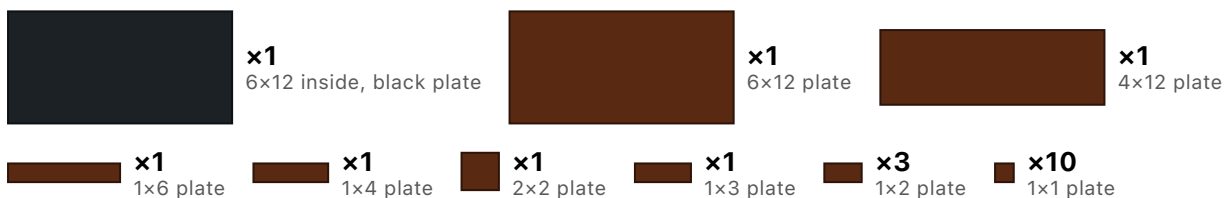
Layer 11 of 27

Plates · 20 pieces · 225 squares · 6 steps



The whole layer from above. Pale grey shows Layer 10 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

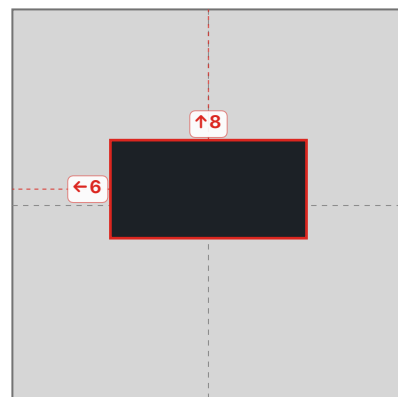
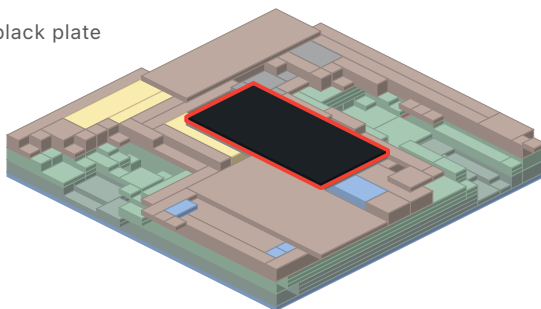
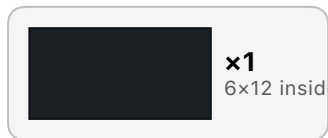
Parts for this layer



44

Layer 11 plates · step 1 of 6

Pieces 168–168 of 459

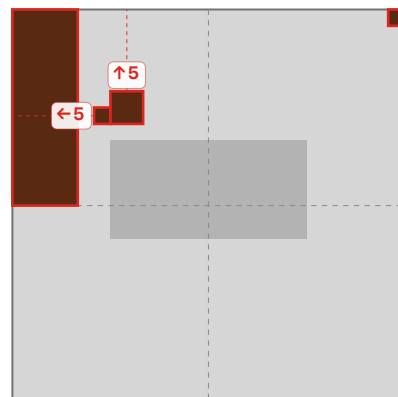
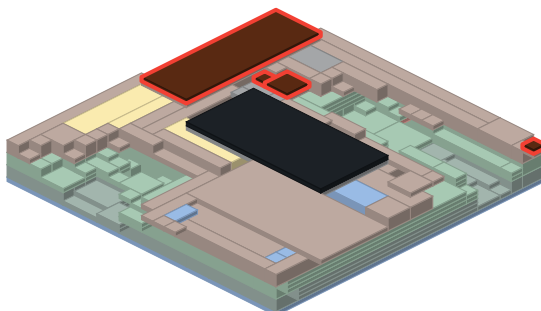


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

45

Layer 11 plates · step 2 of 6

Pieces 169–172 of 459



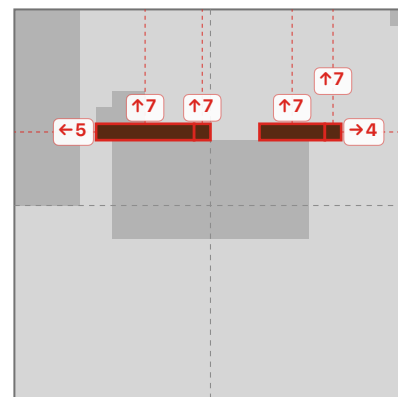
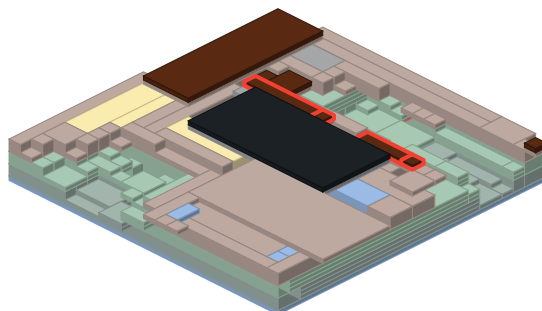
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

46

Layer 11 plates · step 3 of 6

Pieces 173–176 of 459

-  **x1**
1x6 plate
-  **x1**
1x4 plate
-  **x2**
1x1 plate



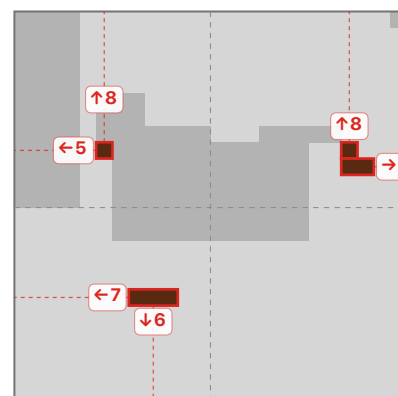
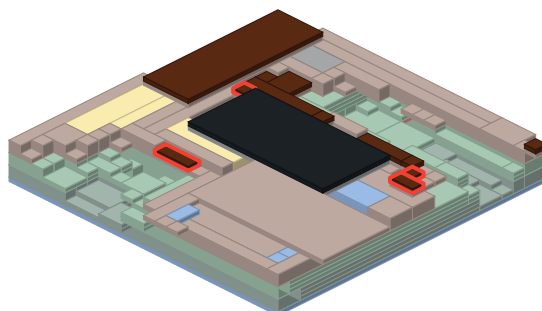
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

47

Layer 11 plates · step 4 of 6

Pieces 177–180 of 459

-  **x1**
1x3 plate
-  **x1**
1x2 plate
-  **x2**
1x1 plate

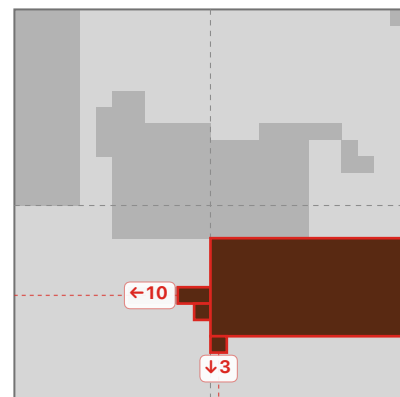
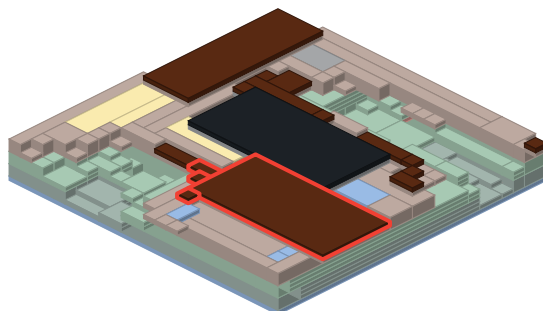


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

48

Layer 11 plates · step 5 of 6

Pieces 181–184 of 459

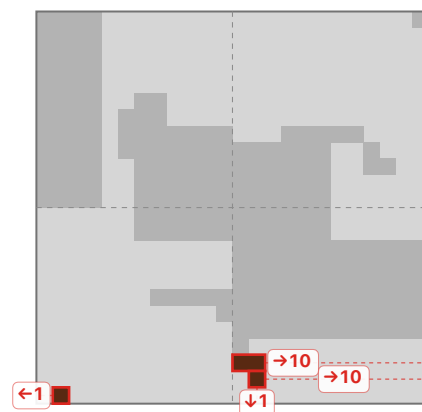
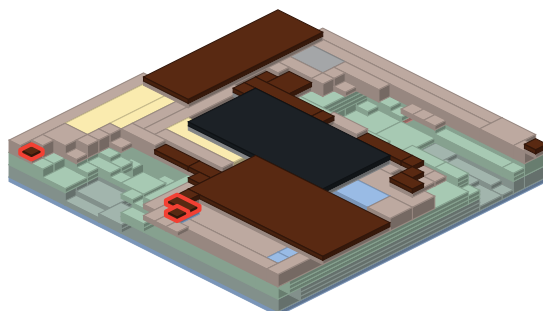
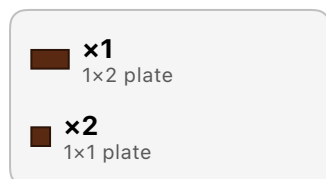


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

49

Layer 11 plates · step 6 of 6

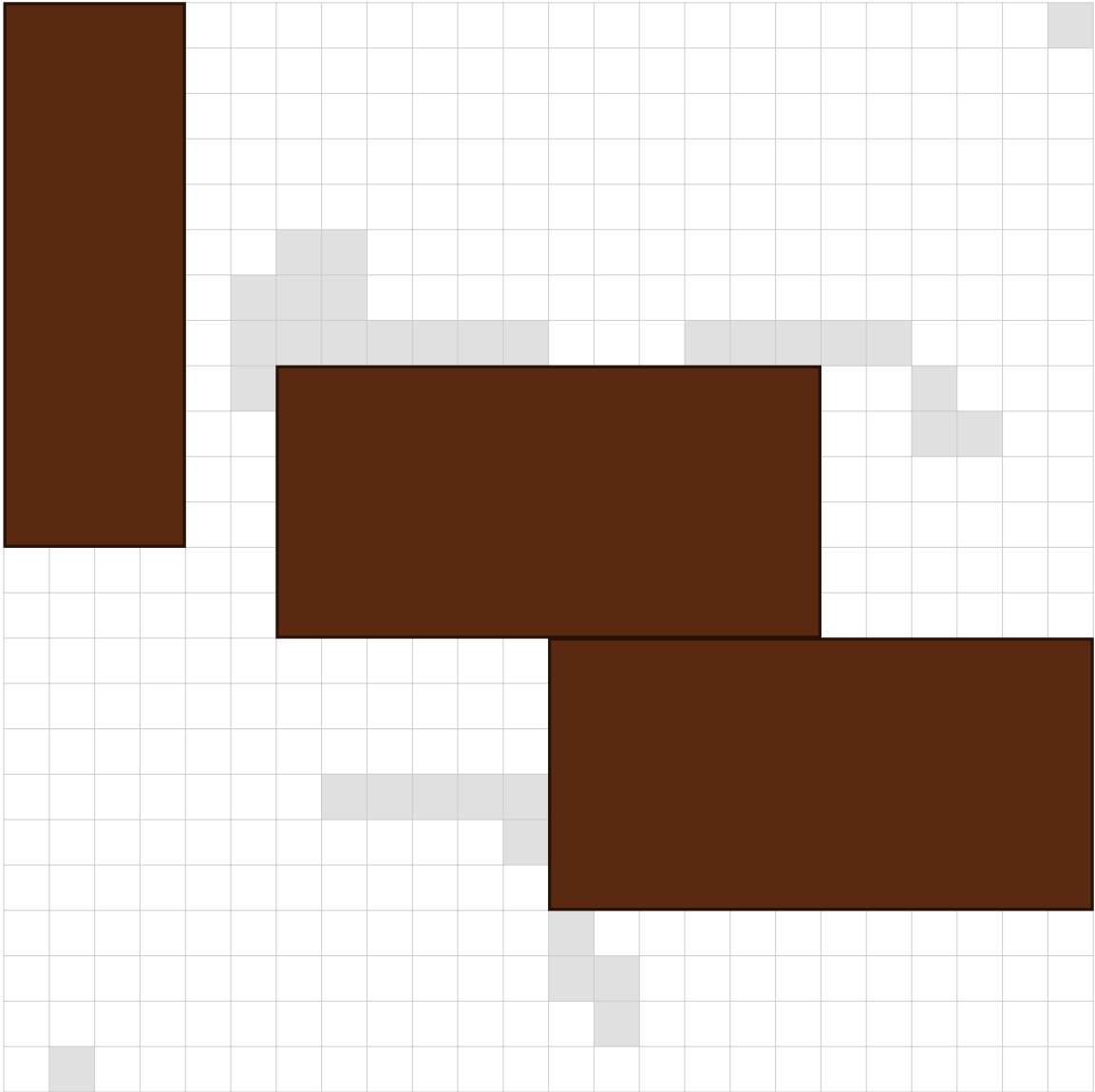
Pieces 185–187 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 12 of 27

Plates · 3 pieces · 192 squares · 1 steps



The whole layer from above. Pale grey shows Layer 11 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x2

6x12 plate

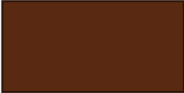
x1

4x12 plate

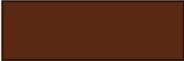
50

■ Layer 12 plates · step 1 of 1

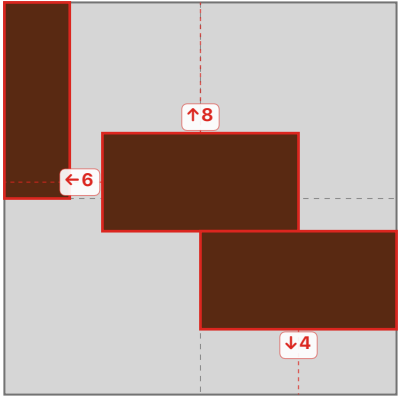
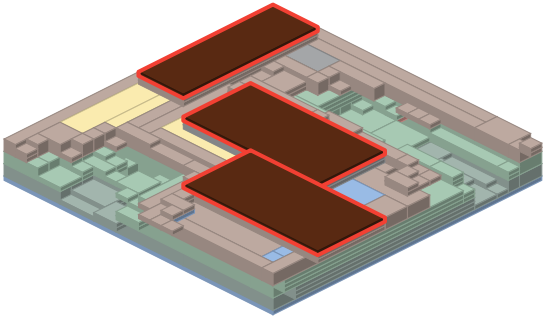
Pieces 188–190 of 459



x2
6x12 plate



x1
4x12 plate

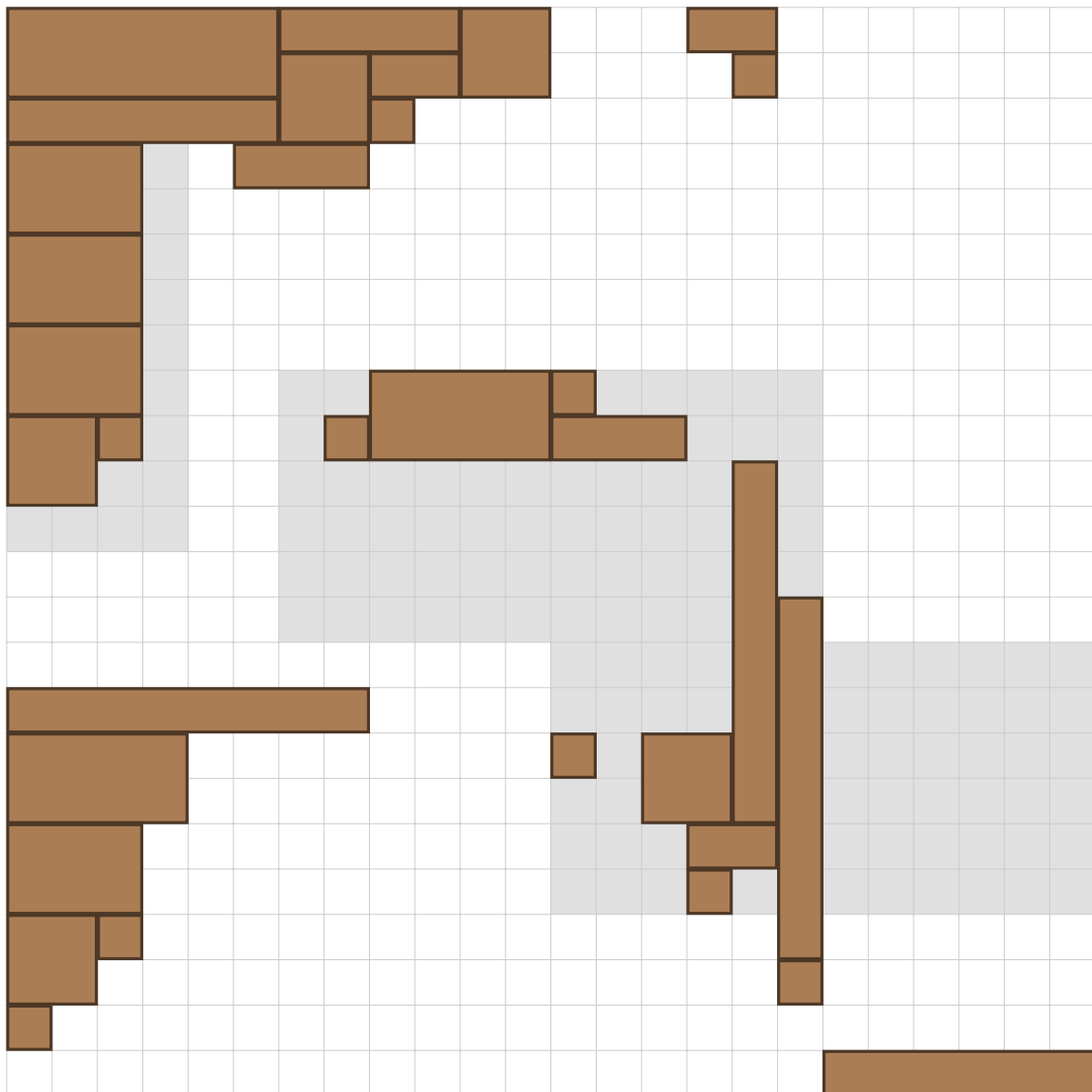


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



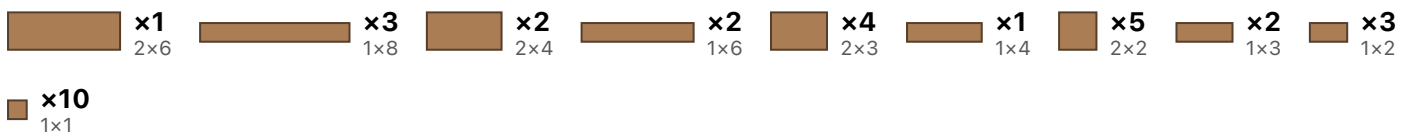
Layer 13 of 27

Bricks · 33 pieces · 134 squares · 6 steps



The whole layer from above. Pale grey shows Layer 12 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

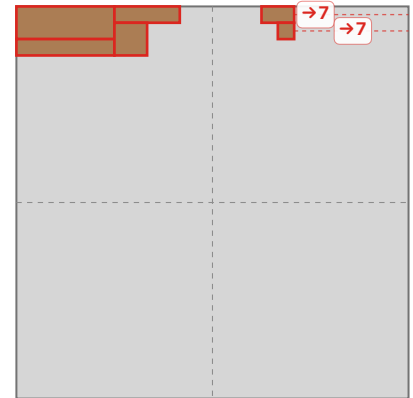
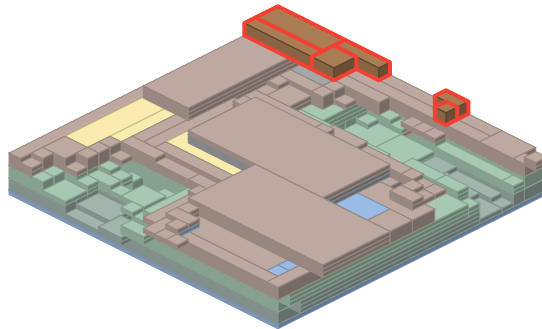
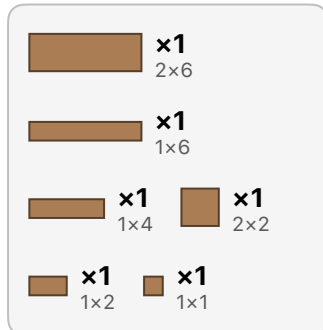
Parts for this layer



51

Layer 13 · step 1 of 6

Pieces 191–196 of 459

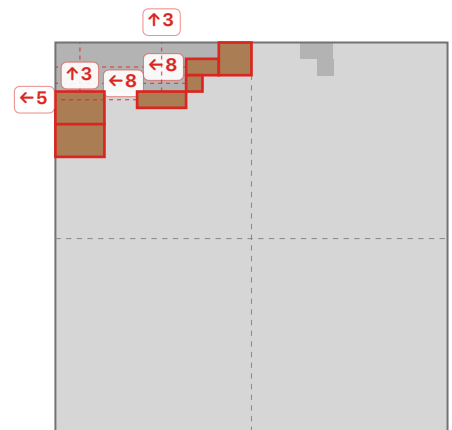
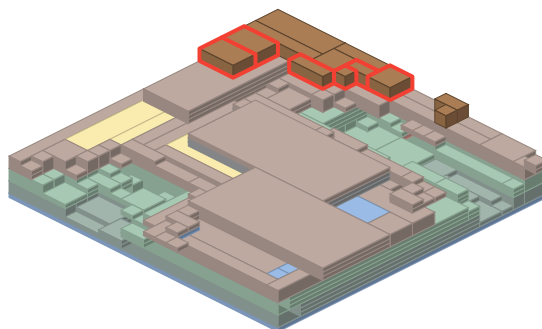
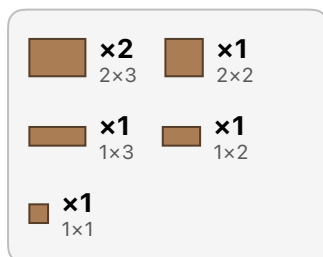


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

52

Layer 13 · step 2 of 6

Pieces 197–202 of 459

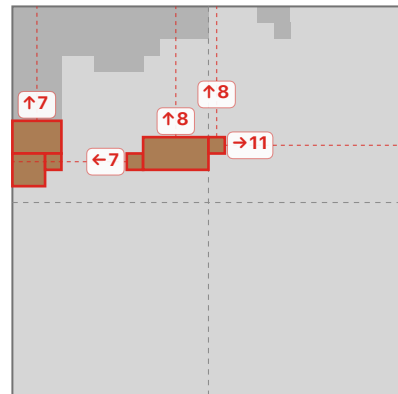
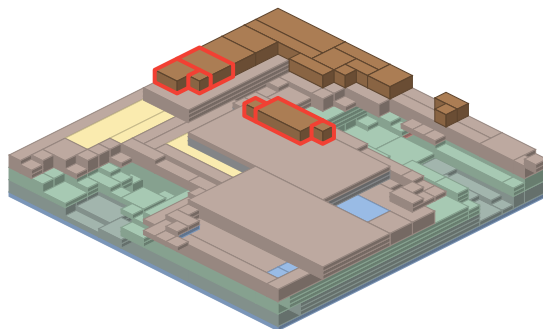


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

53

Layer 13 · step 3 of 6

Pieces 203–208 of 459

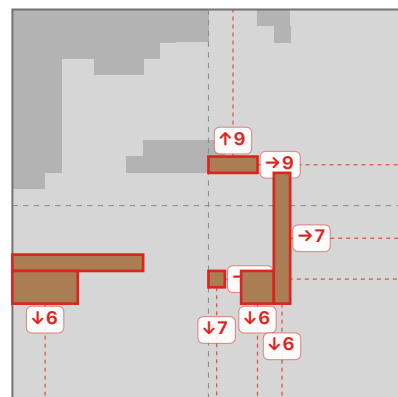
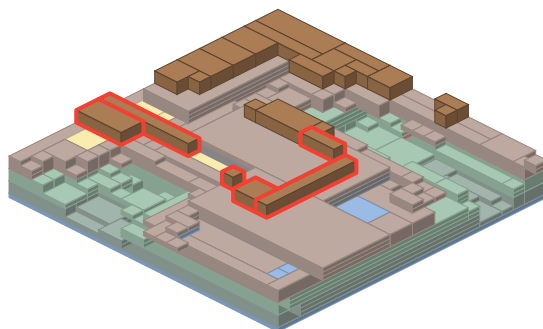
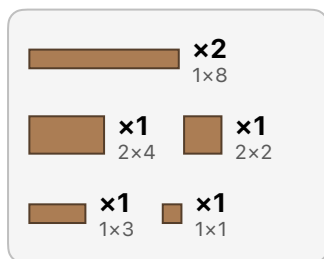


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

54

Layer 13 · step 4 of 6

Pieces 209–214 of 459

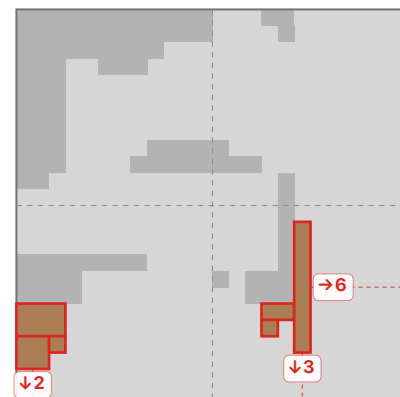
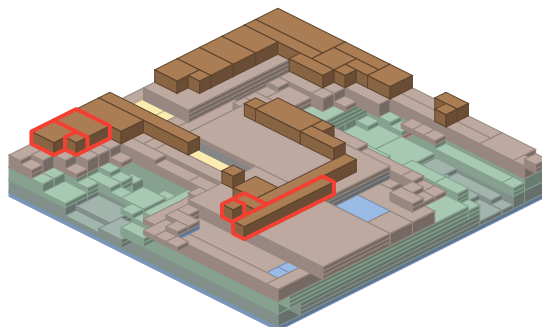
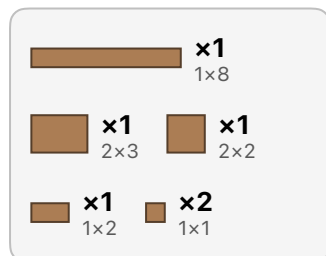


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

55

Layer 13 · step 5 of 6

Pieces 215–220 of 459

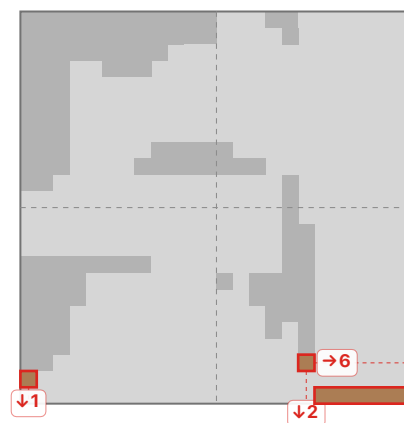
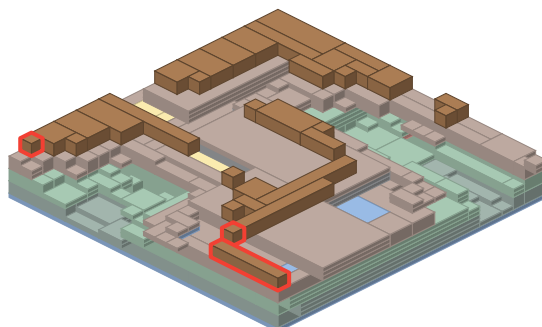
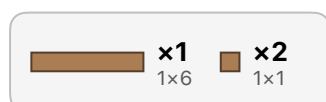


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

56

Layer 13 · step 6 of 6

Pieces 221–223 of 459

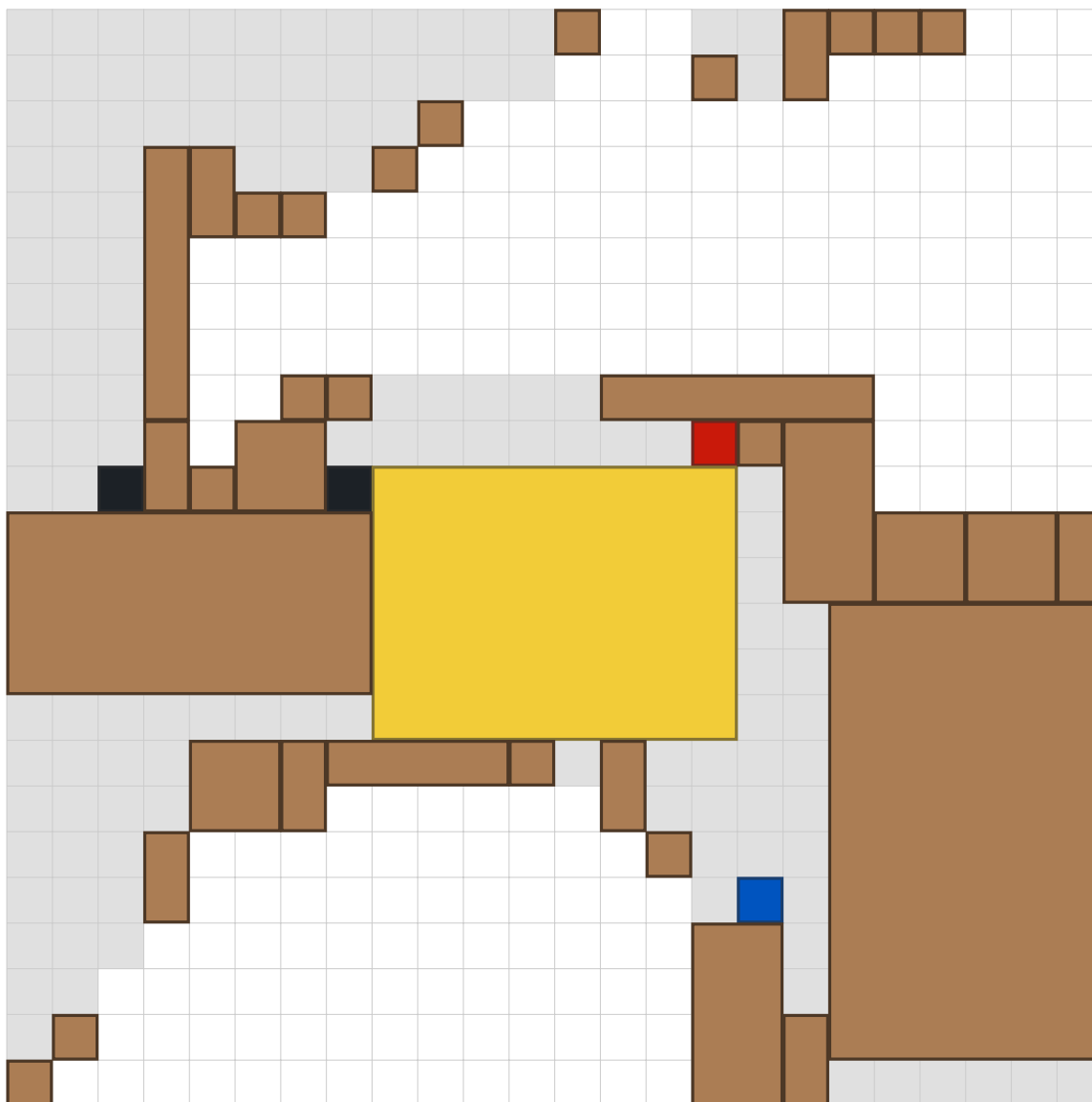


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



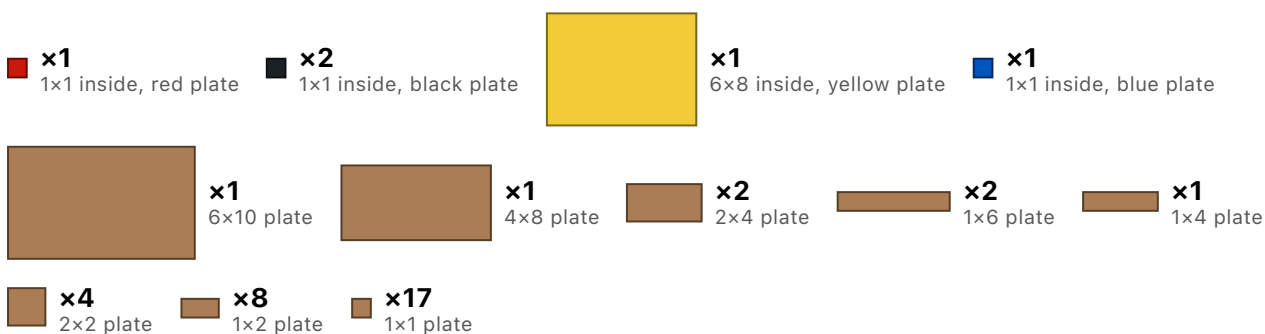
Layer 14 of 27

Plates · 41 pieces · 225 squares · 7 steps



The whole layer from above. Pale grey shows Layer 13 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

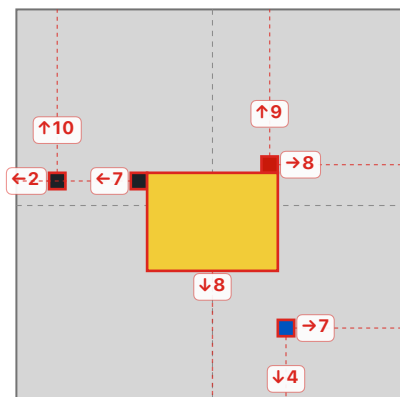
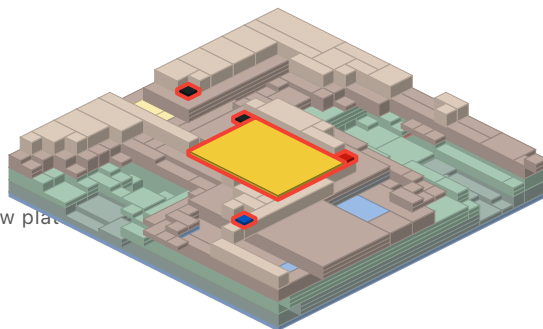


57

Layer 14 plates · step 1 of 7

Pieces 224–228 of 459

- **x1**
1×1 inside, red plate
- **x2**
1×1 inside, black plate
- **x1**
6×8 inside, yellow plate
- **x1**
1×1 inside, blue plate



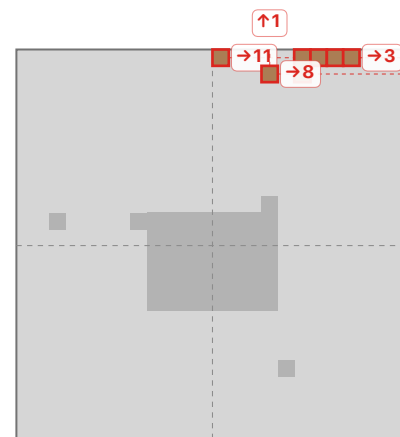
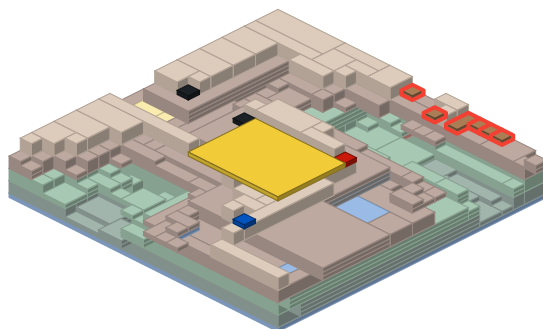
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

58

Layer 14 plates · step 2 of 7

Pieces 229–234 of 459

- **x1**
1×2 plate
- **x5**
1×1 plate

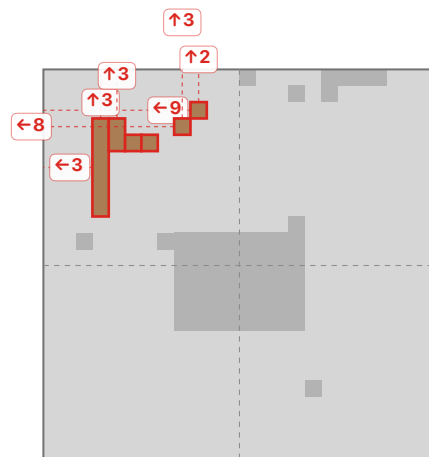
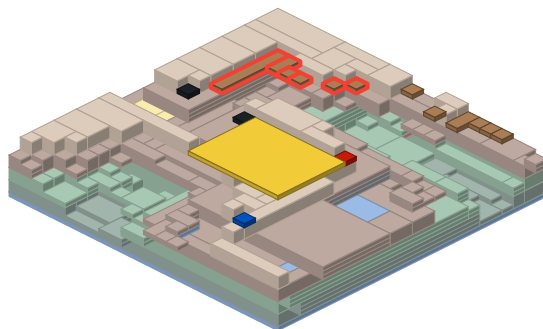
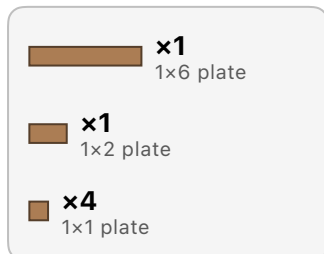


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

59

Layer 14 plates · step 3 of 7

Pieces 235–240 of 459

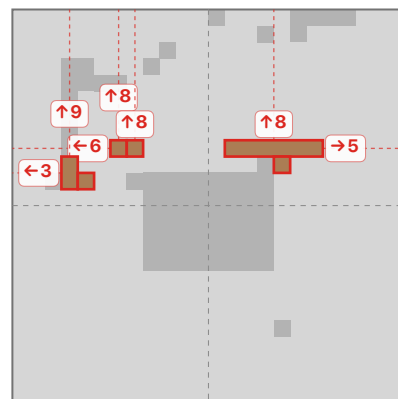
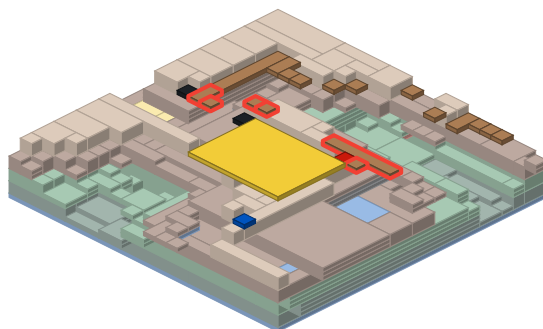
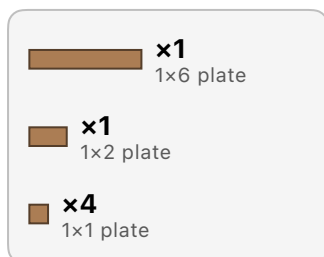


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

60

Layer 14 plates · step 4 of 7

Pieces 241–246 of 459

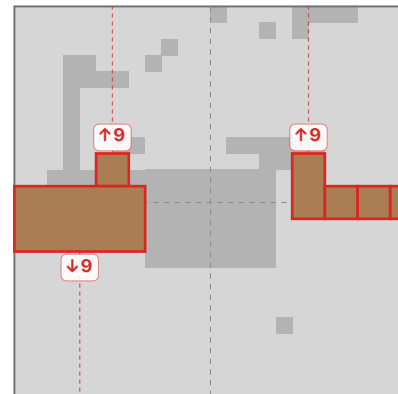
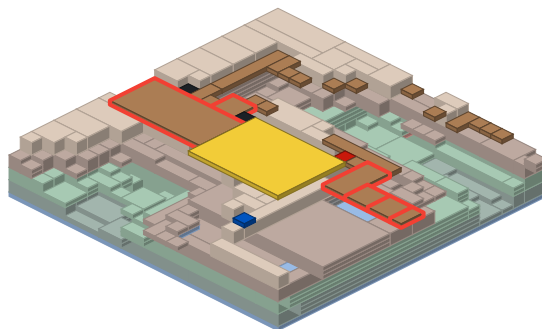
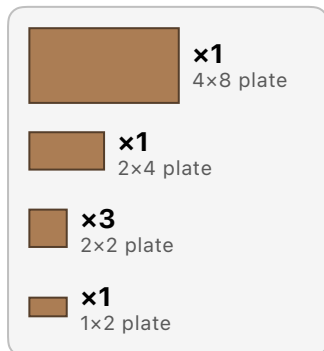


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

61

Layer 14 plates · step 5 of 7

Pieces 247–252 of 459

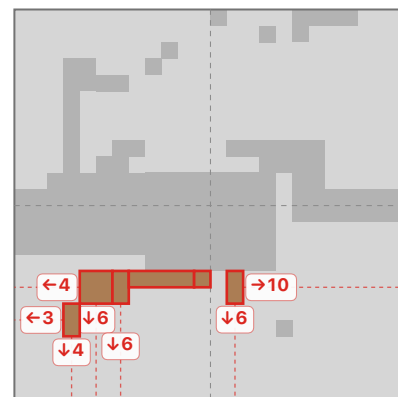
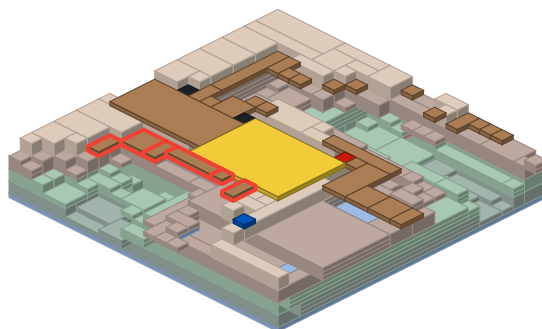
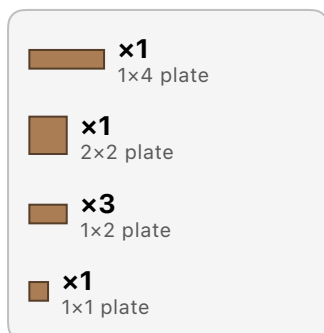


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

62

Layer 14 plates · step 6 of 7

Pieces 253–258 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

63

Layer 14 plates · step
7 of 7

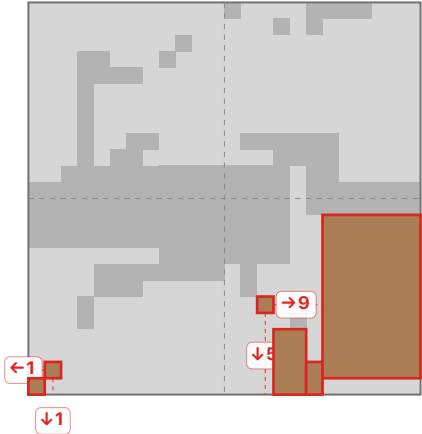
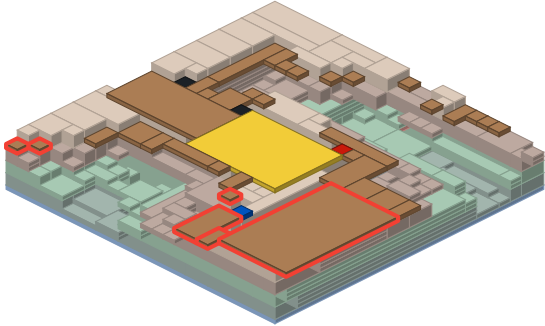
Pieces 259–264 of 459

x1
6x10 plate

x1
2x4 plate

x1
1x2 plate

x3
1x1 plate

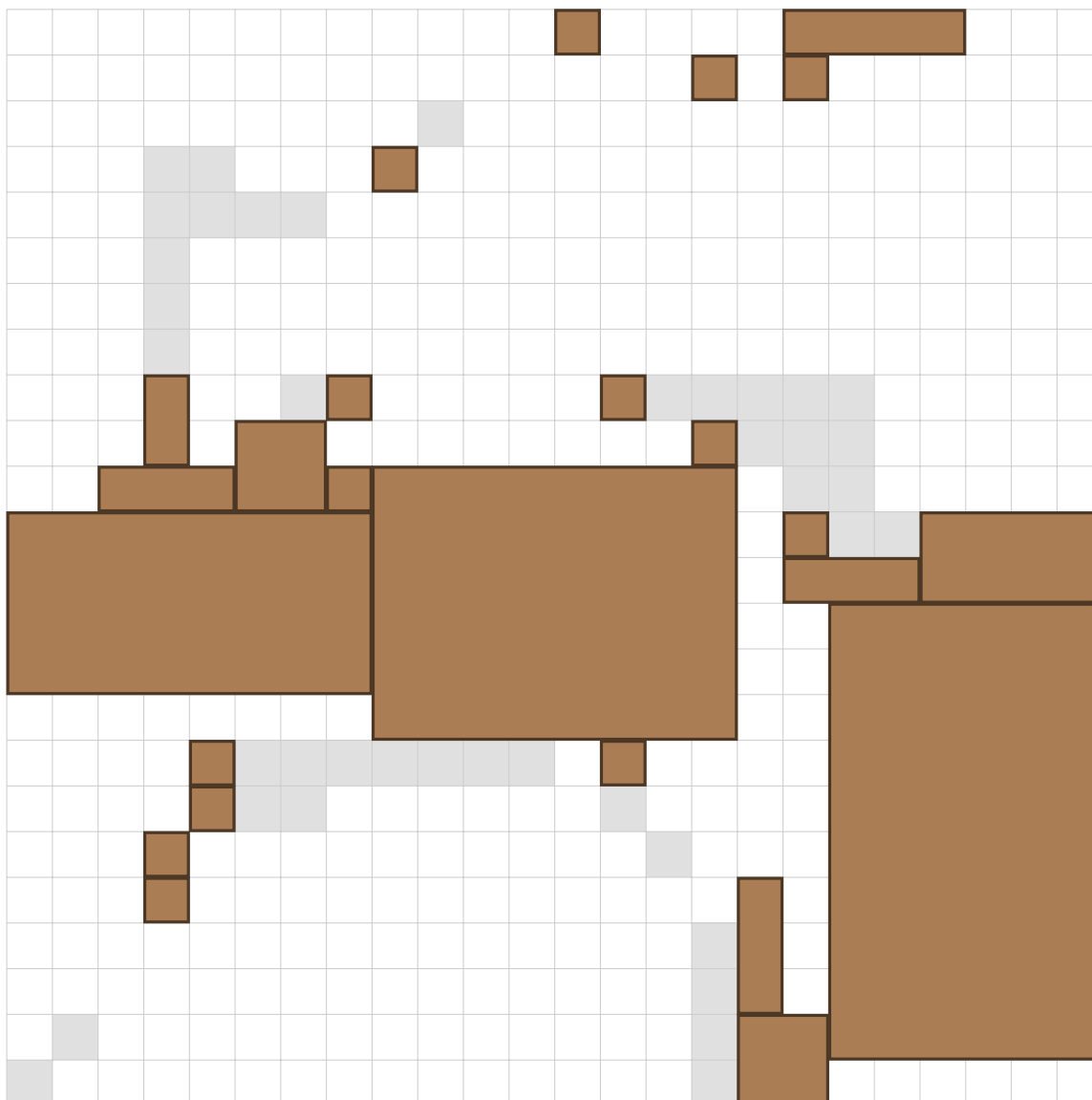


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



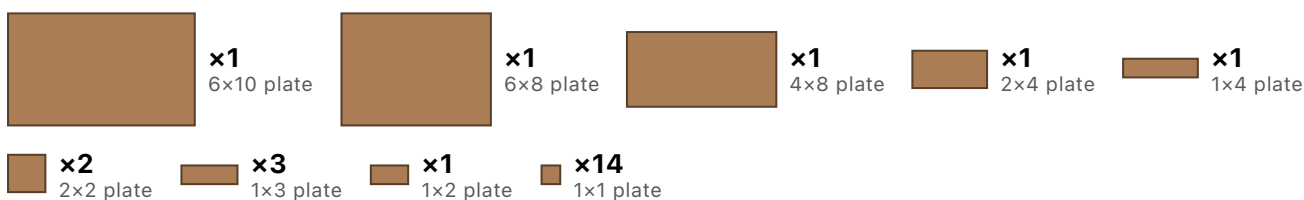
Layer 15 of 27

Plates · 25 pieces · 185 squares · 5 steps



The whole layer from above. Pale grey shows Layer 14 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer



64

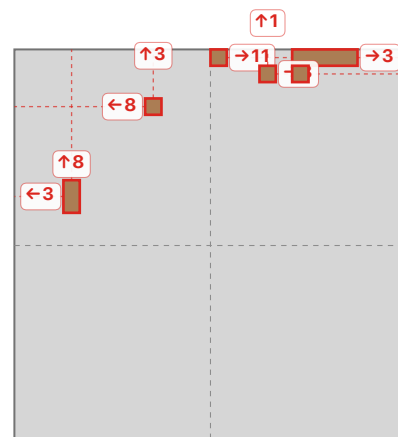
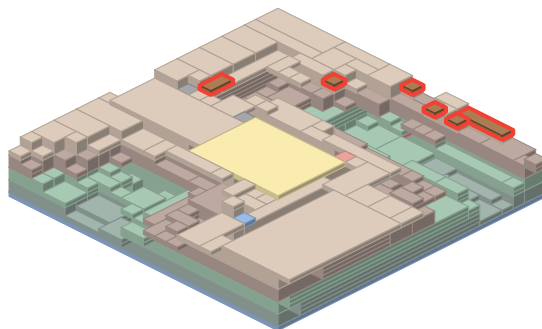
Layer 15 plates · step 1 of 5

Pieces 265–270 of 459

x1
1x4 plate

x1
1x2 plate

x4
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

65

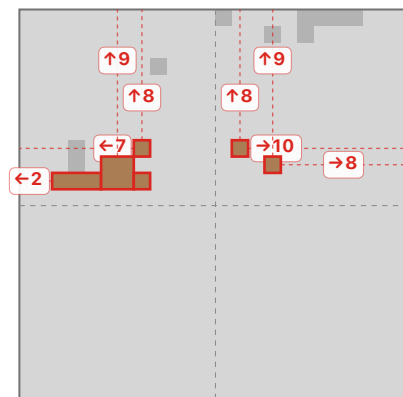
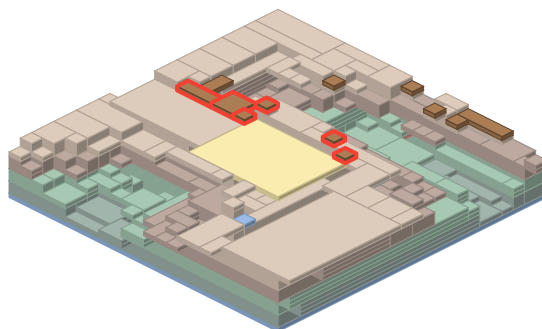
Layer 15 plates · step 2 of 5

Pieces 271–276 of 459

x1
2x2 plate

x1
1x3 plate

x4
1x1 plate

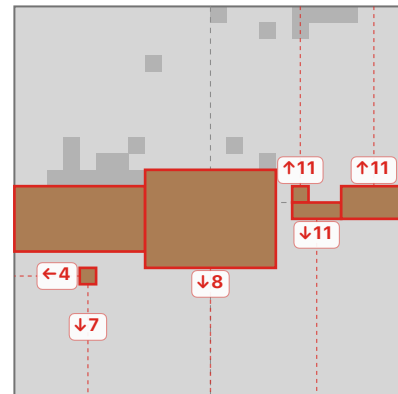
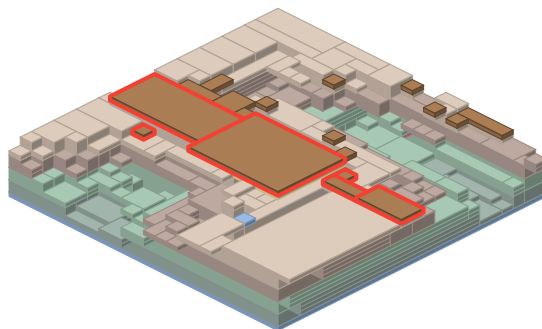
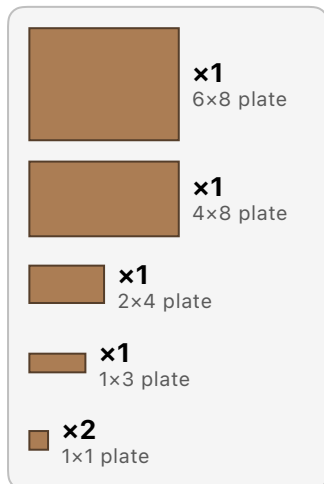


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

66

Layer 15 plates · step 3 of 5

Pieces 277–282 of 459

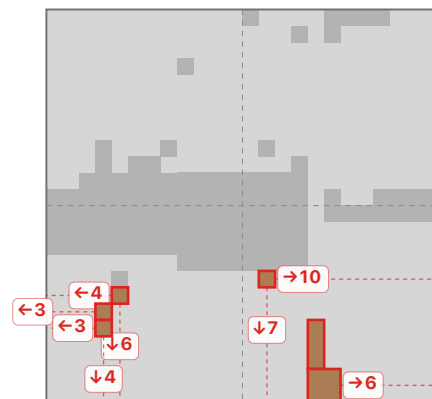
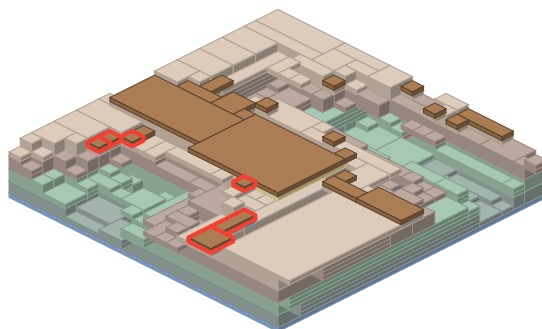
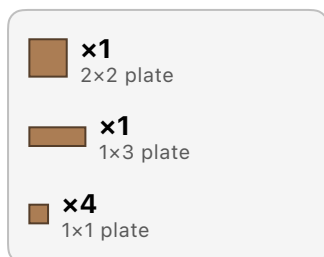


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

67

Layer 15 plates · step 4 of 5

Pieces 283–288 of 459

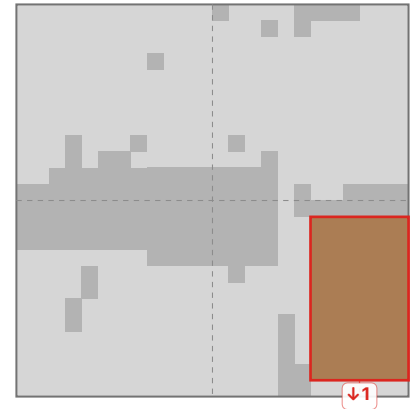
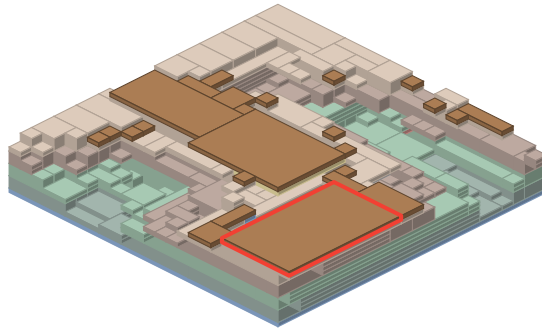
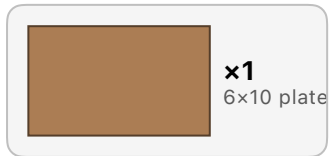


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

68

Layer 15 plates · step
5 of 5

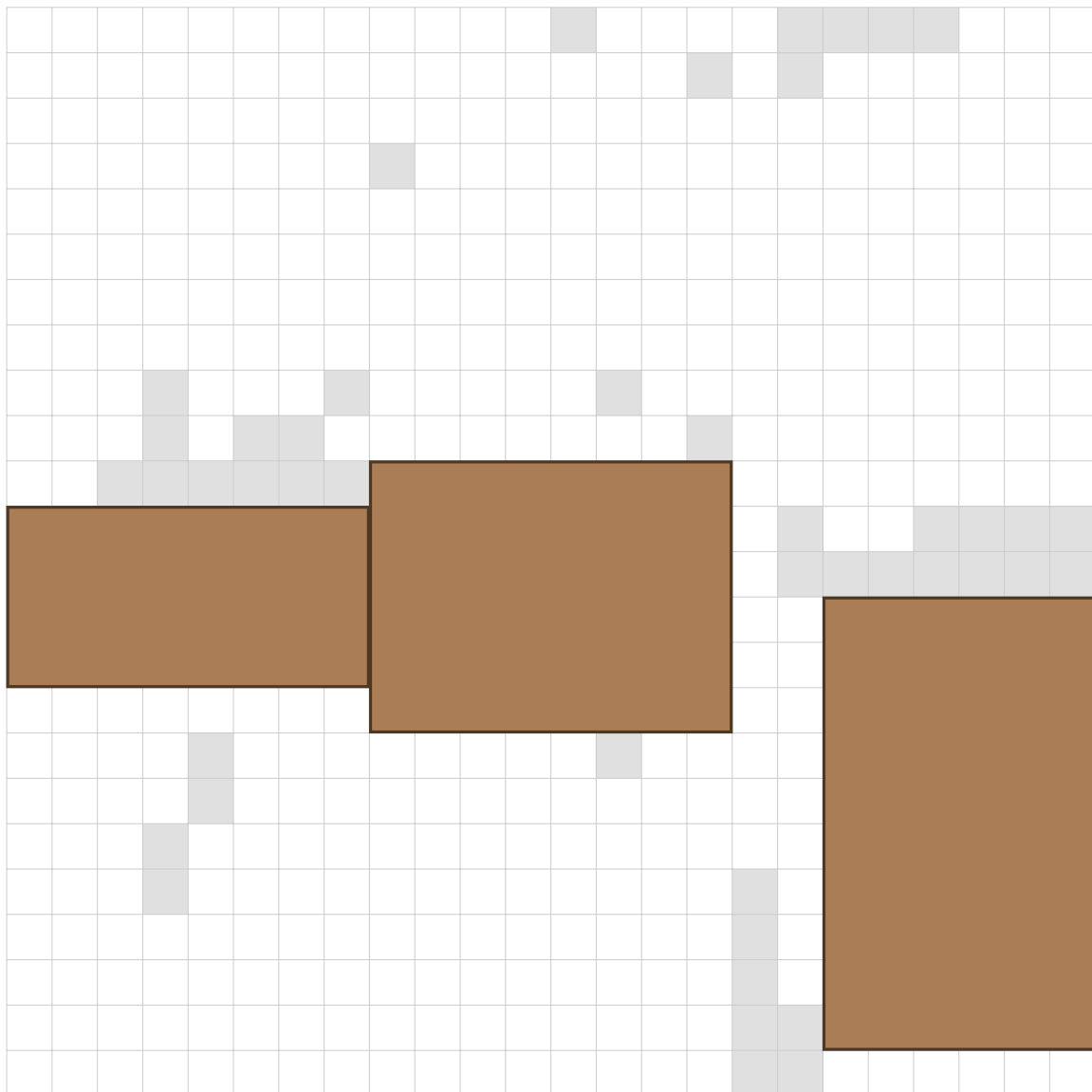
Pieces 289–289 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 16 of 27

Plates · 3 pieces · 140 squares · 1 steps



The whole layer from above. Pale grey shows Layer 15 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer



×1
6×10 plate



×1
6×8 plate

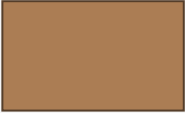


×1
4×8 plate

69

Layer 16 plates · step 1 of 1

Pieces 290–292 of 459



x1

6x10 plate



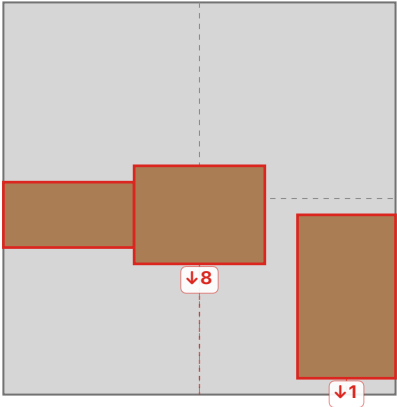
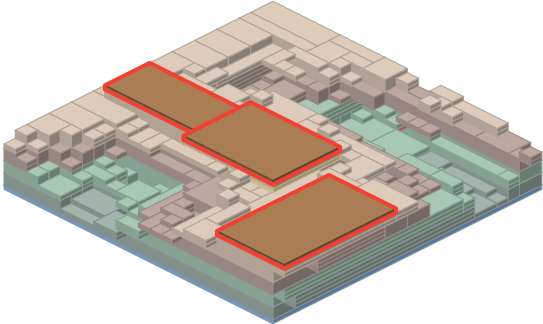
x1

6x8 plate



x1

4x8 plate

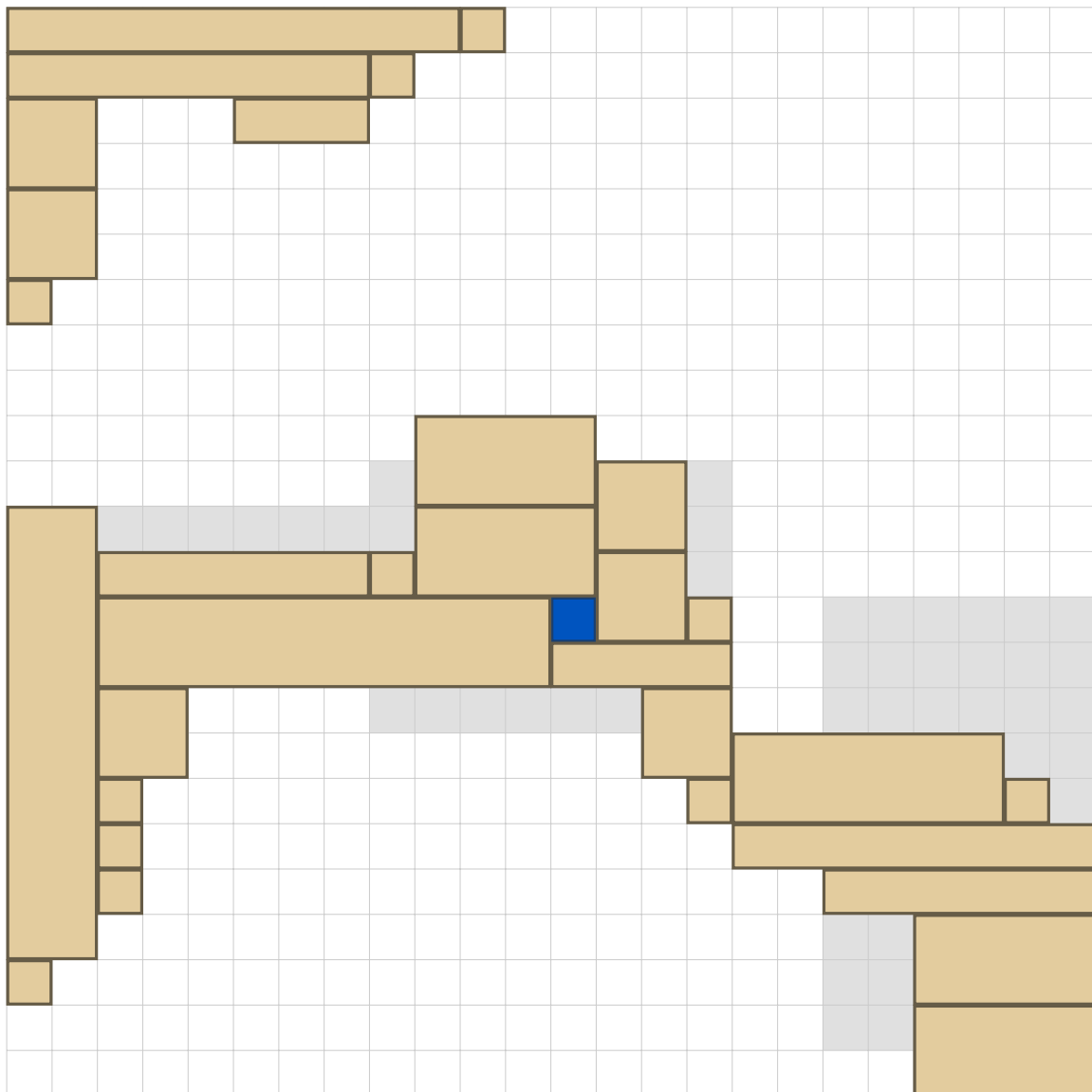


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



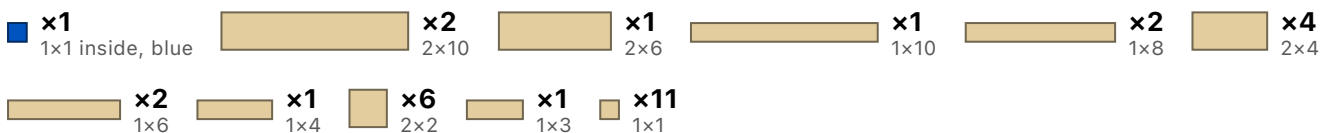
Layer 17 of 27

Bricks · 32 pieces · 165 squares · 7 steps



The whole layer from above. Pale grey shows Layer 16 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

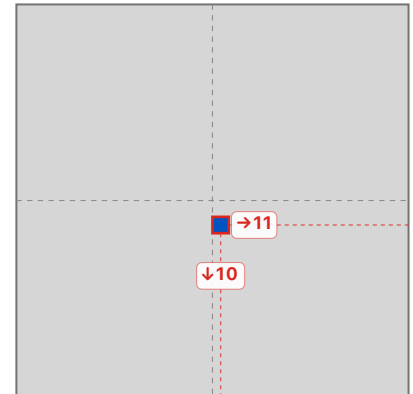
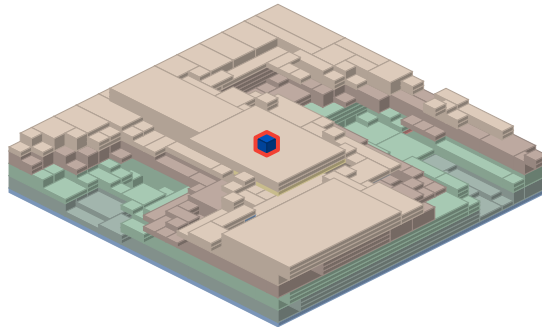


70

Layer 17 · step 1 of 7

Pieces 293–293 of 459

x1
1x1 inside, blue



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

71

Layer 17 · step 2 of 7

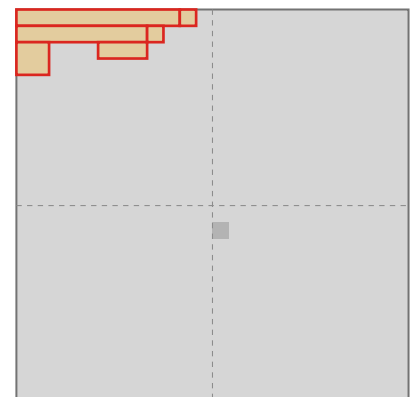
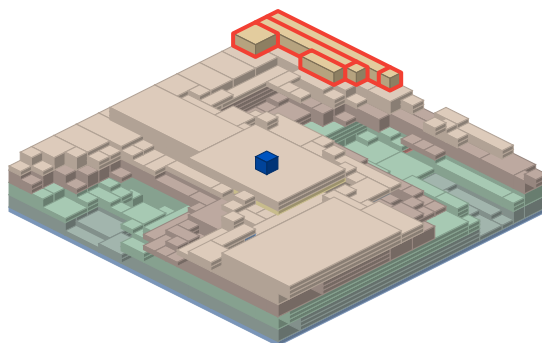
Pieces 294–299 of 459

x1
1x10

x1
1x8

x1 2x2 **x1** 1x3

x2
1x1

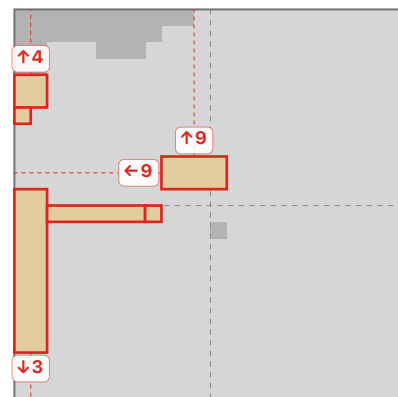
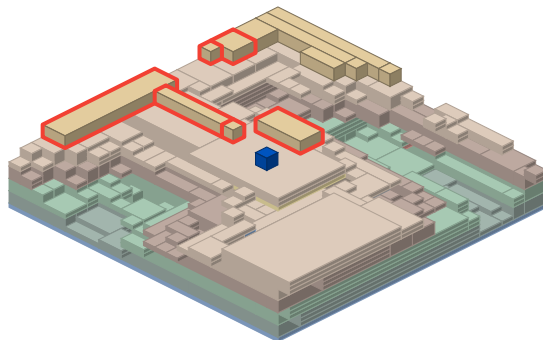
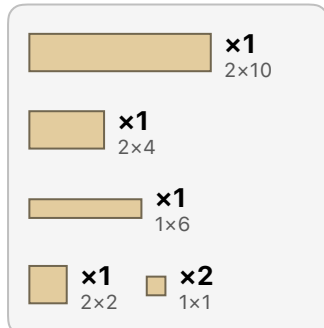


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

72

Layer 17 · step 3 of 7

Pieces 300–305 of 459

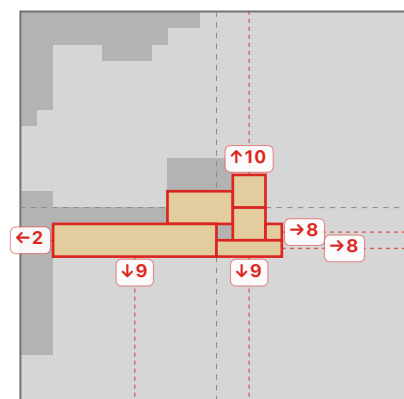
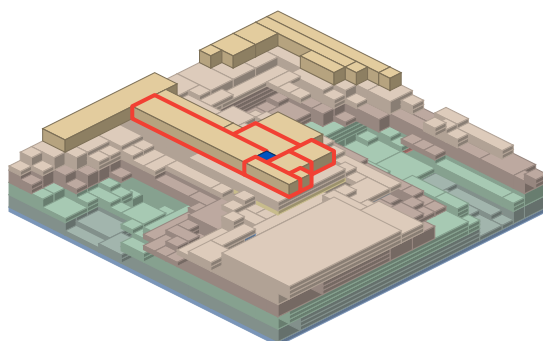
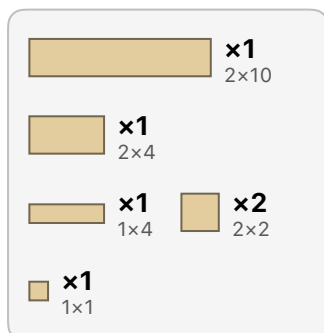


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

73

Layer 17 · step 4 of 7

Pieces 306–311 of 459

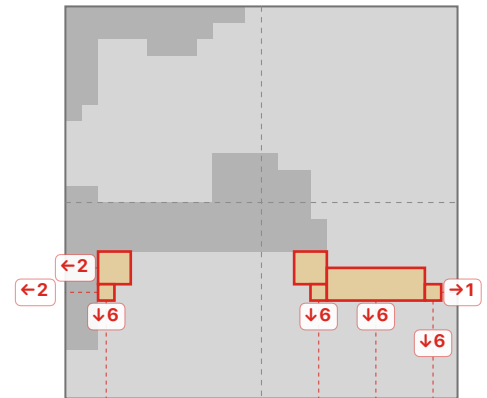
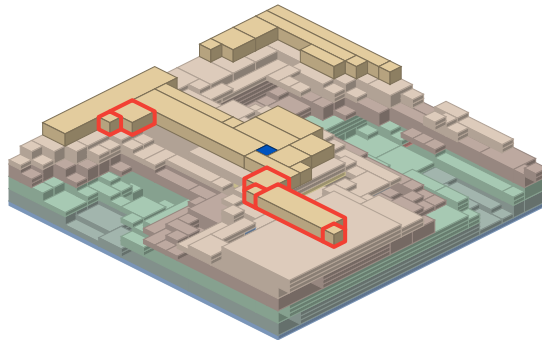
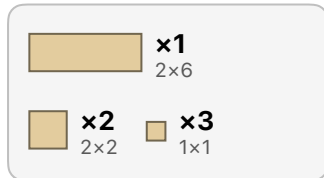


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

74

Layer 17 · step 5 of 7

Pieces 312–317 of 459

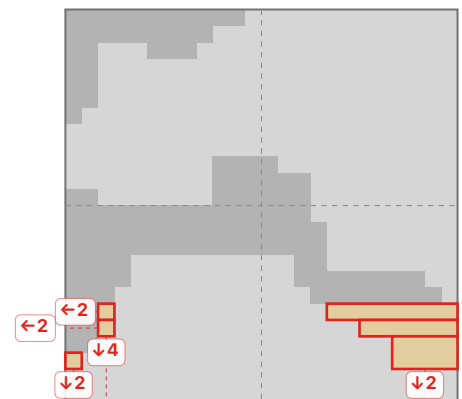
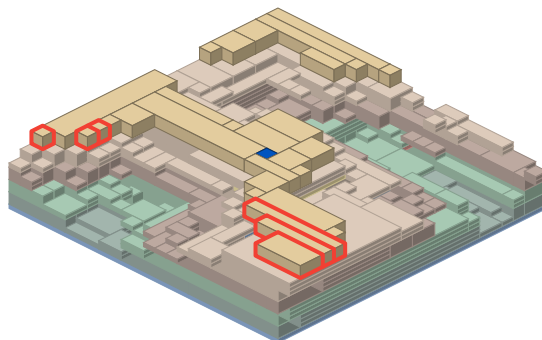
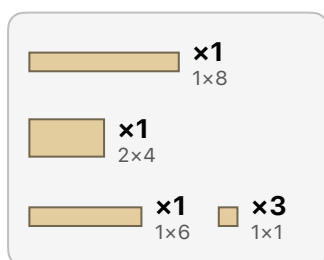


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

75

Layer 17 · step 6 of 7

Pieces 318–323 of 459

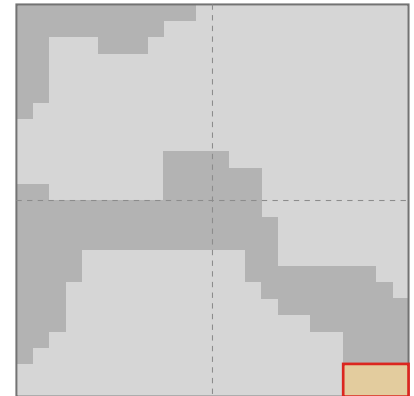
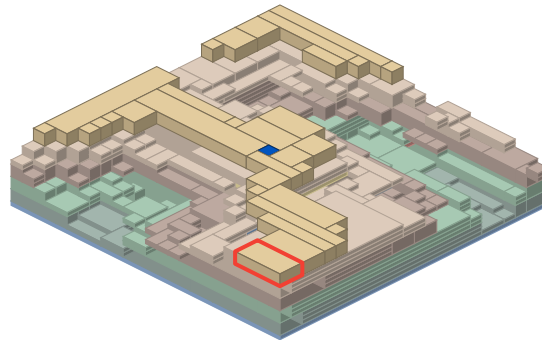
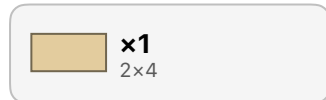


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

76

Layer 17 · step 7 of 7

Pieces 324–324 of 459

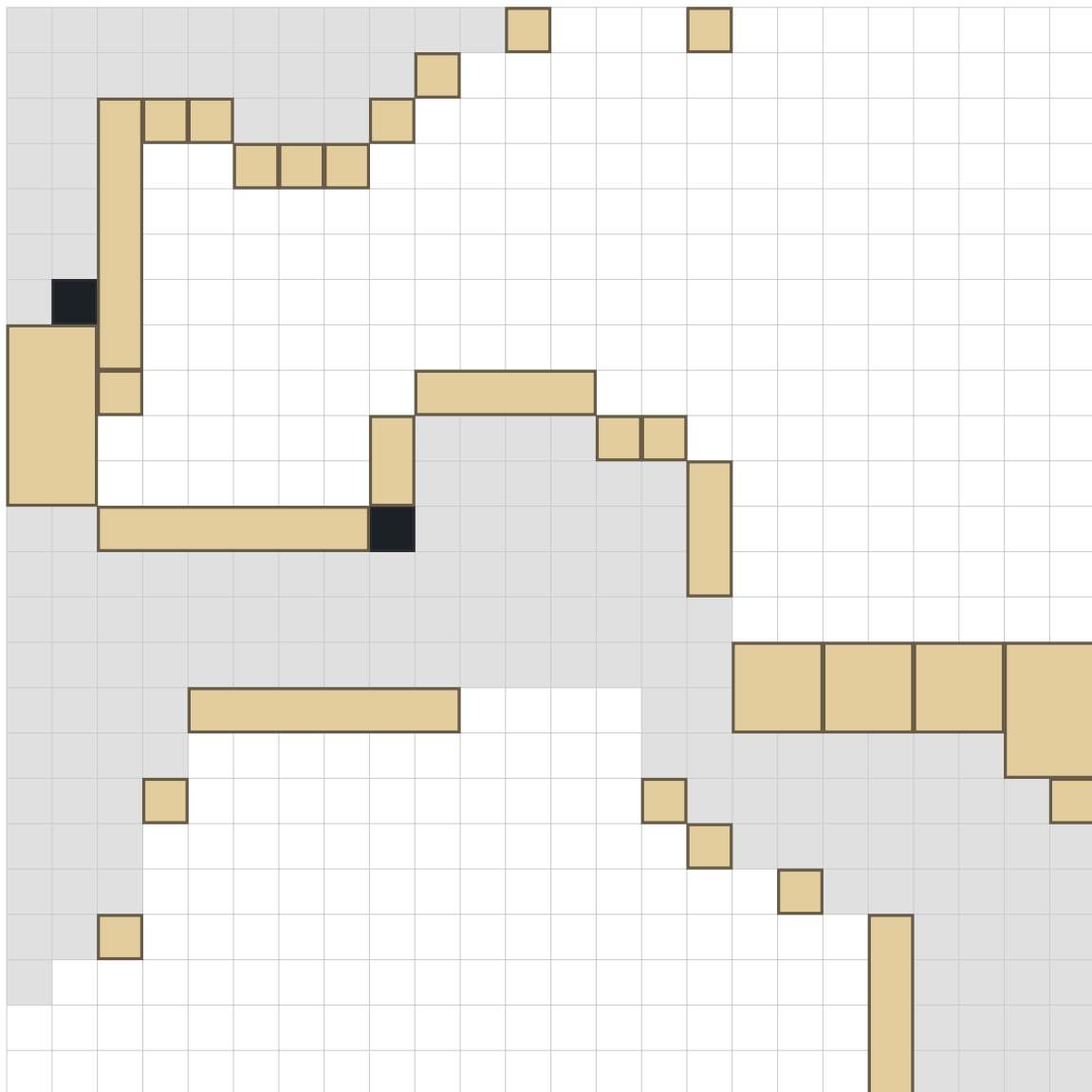


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 18 of 27

Plates · 32 pieces · 77 squares · 6 steps



The whole layer from above. Pale grey shows Layer 17 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

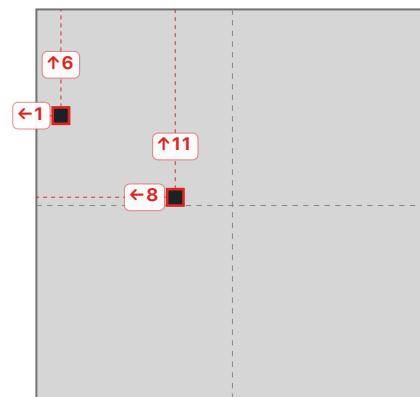
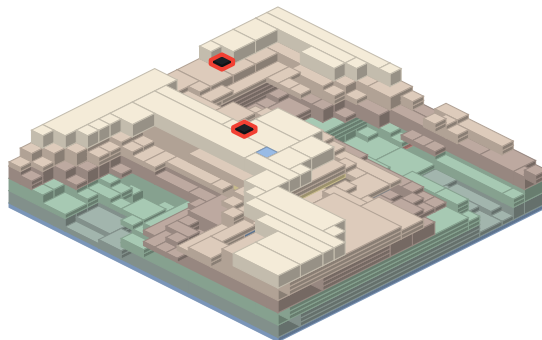
 x2 1x1 inside, black plate	 x1 2x4 plate	 x3 1x6 plate	 x1 2x3 plate	 x2 1x4 plate	 x3 2x2 plate
 x1 1x3 plate	 x1 1x2 plate	 x18 1x1 plate			

77

Layer 18 plates · step 1 of 6

Pieces 325–326 of 459

x2
1x1 inside, black plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

78

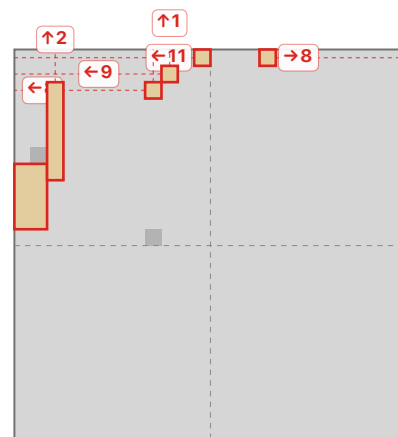
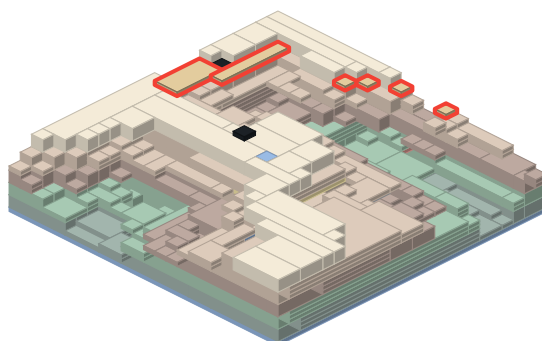
Layer 18 plates · step 2 of 6

Pieces 327–332 of 459

x1
2x4 plate

x1
1x6 plate

x4
1x1 plate



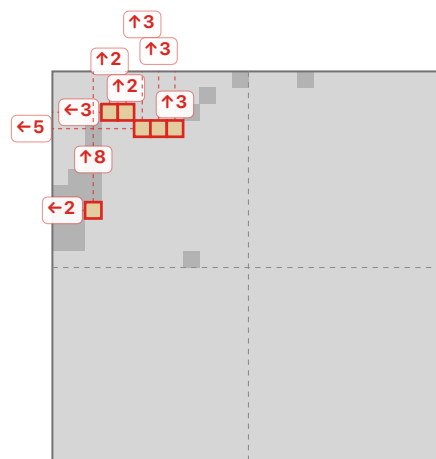
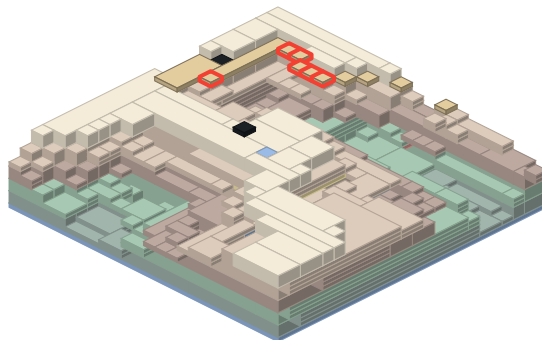
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

79

Layer 18 plates · step 3 of 6

Pieces 333–338 of 459

x6
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

80

Layer 18 plates · step 4 of 6

Pieces 339–344 of 459

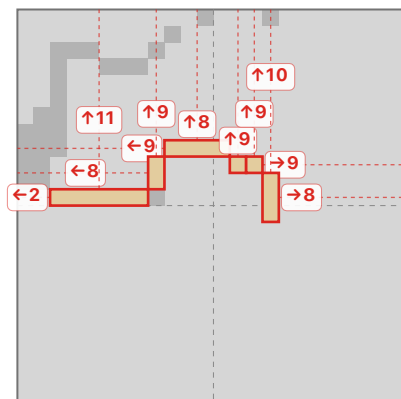
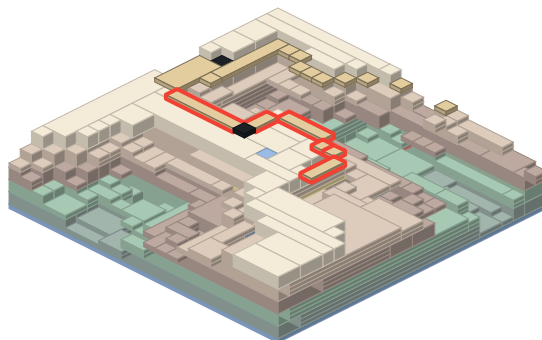
x1
1x6 plate

x1
1x4 plate

x1
1x3 plate

x1
1x2 plate

x2
1x1 plate

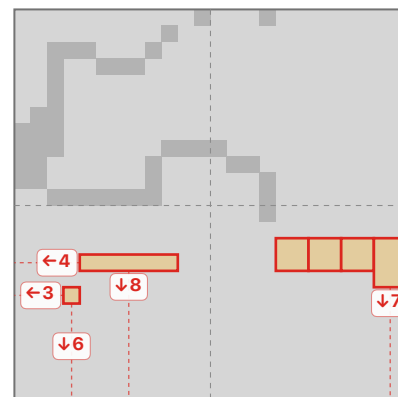
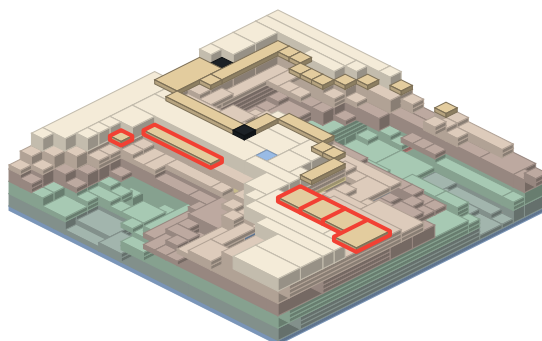
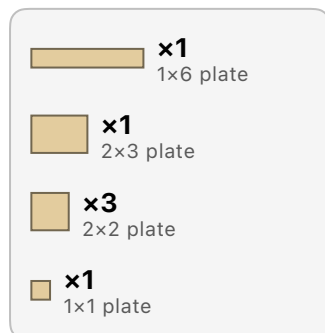


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

81

Layer 18 plates · step 5 of 6

Pieces 345–350 of 459

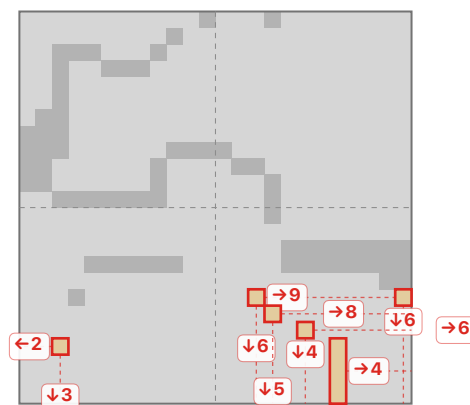
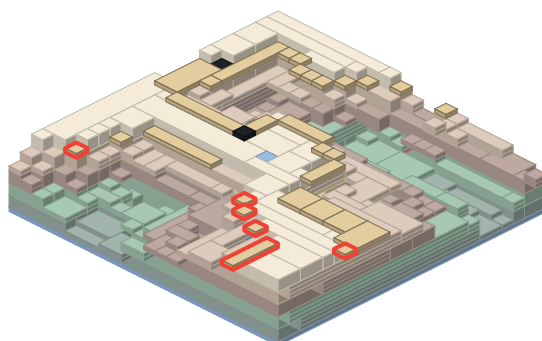


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

82

Layer 18 plates · step 6 of 6

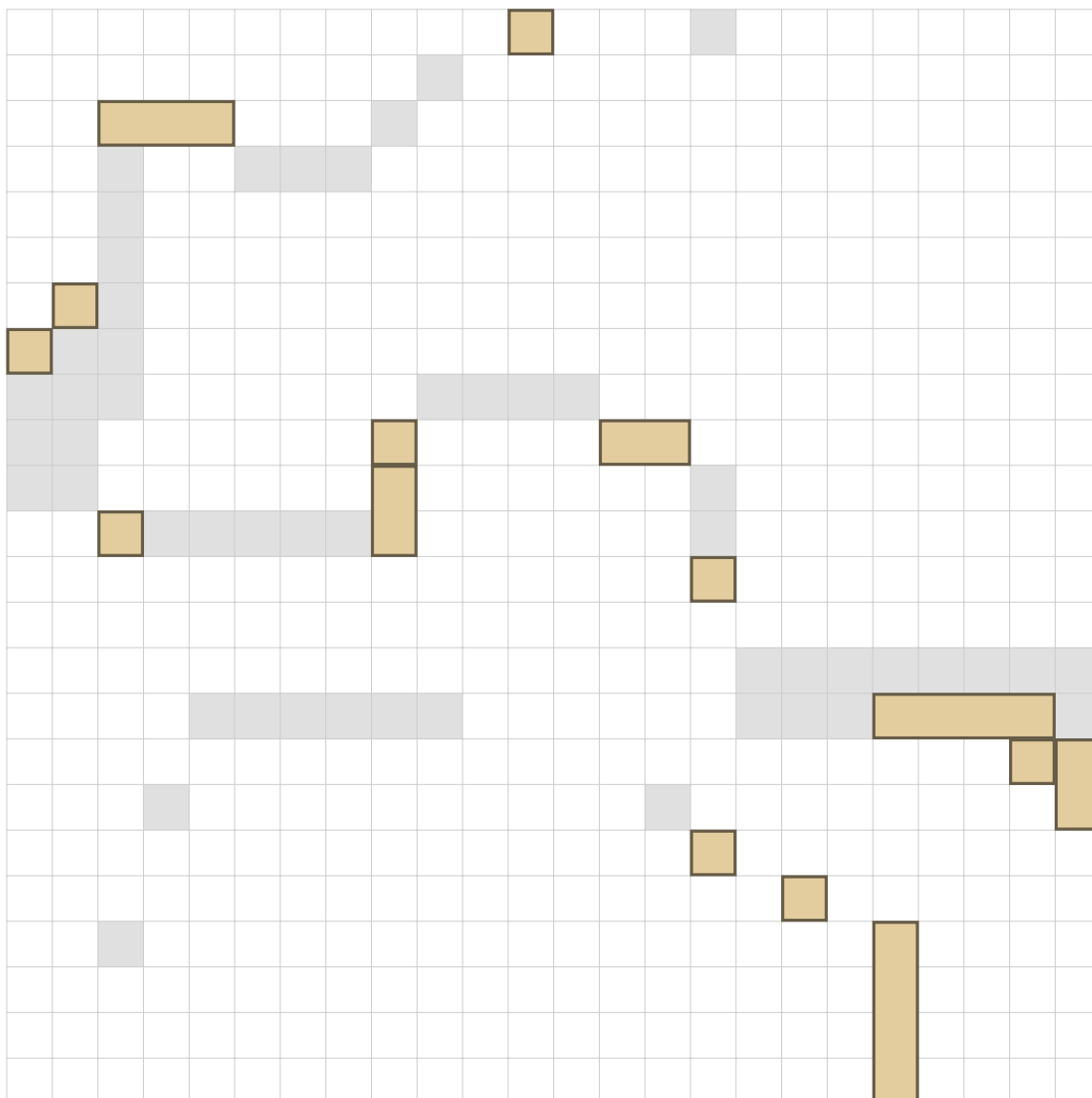
Pieces 351–356 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 19 of 27

Plates · 15 pieces · 26 squares · 4 steps



The whole layer from above. Pale grey shows Layer 18 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x2
 1x4 plate

x1
 1x3 plate

x3
 1x2 plate

x9
 1x1 plate

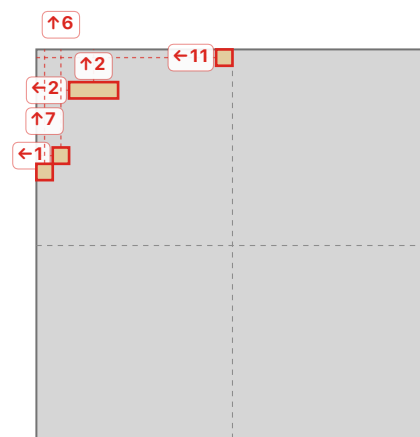
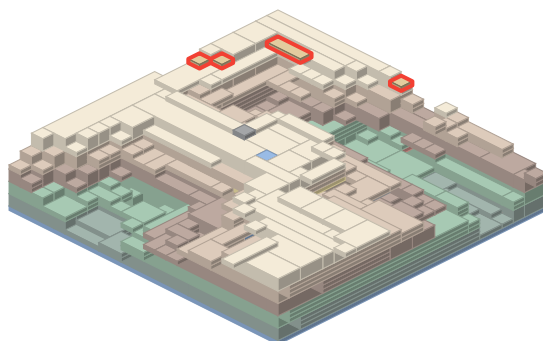
83

Layer 19 plates · step 1 of 4

Pieces 357–360 of 459

x1
1×3 plate

x3
1×1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

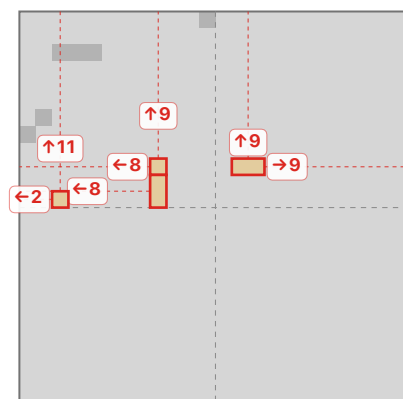
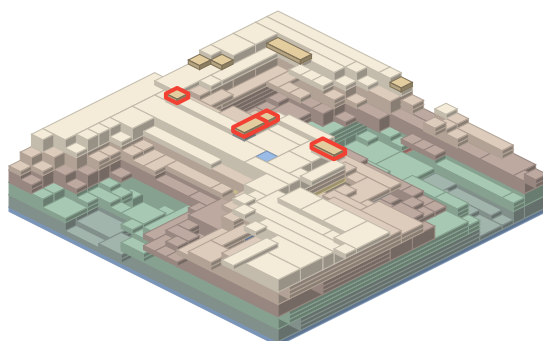
84

Layer 19 plates · step 2 of 4

Pieces 361–364 of 459

x2
1×2 plate

x2
1×1 plate

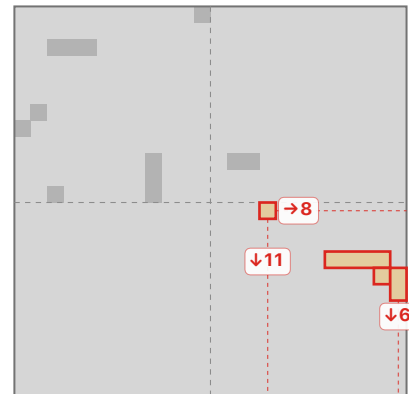
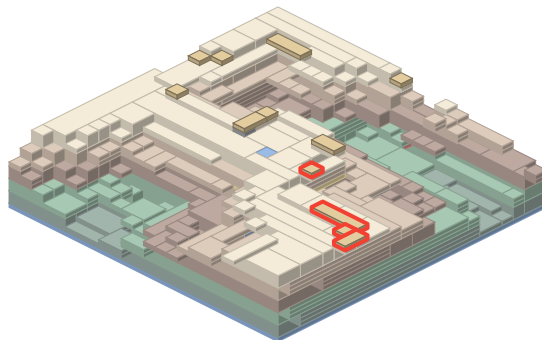
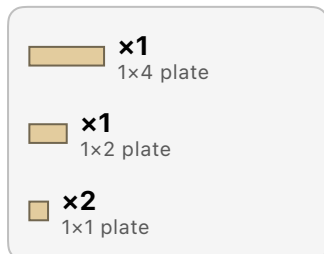


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

85

Layer 19 plates · step 3 of 4

Pieces 365–368 of 459

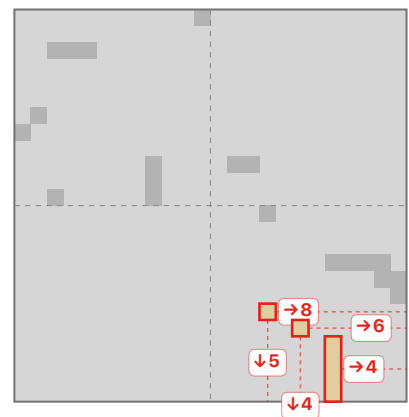
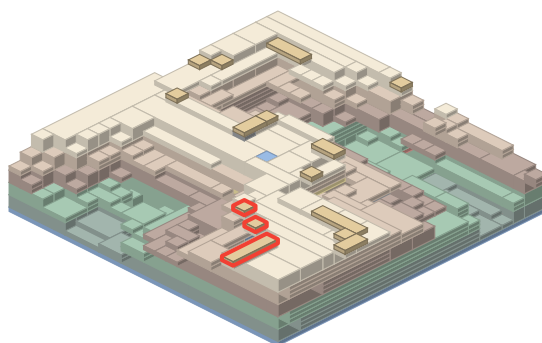
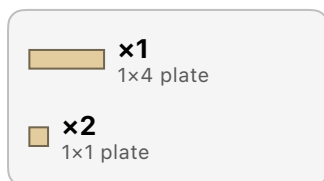


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

86

Layer 19 plates · step 4 of 4

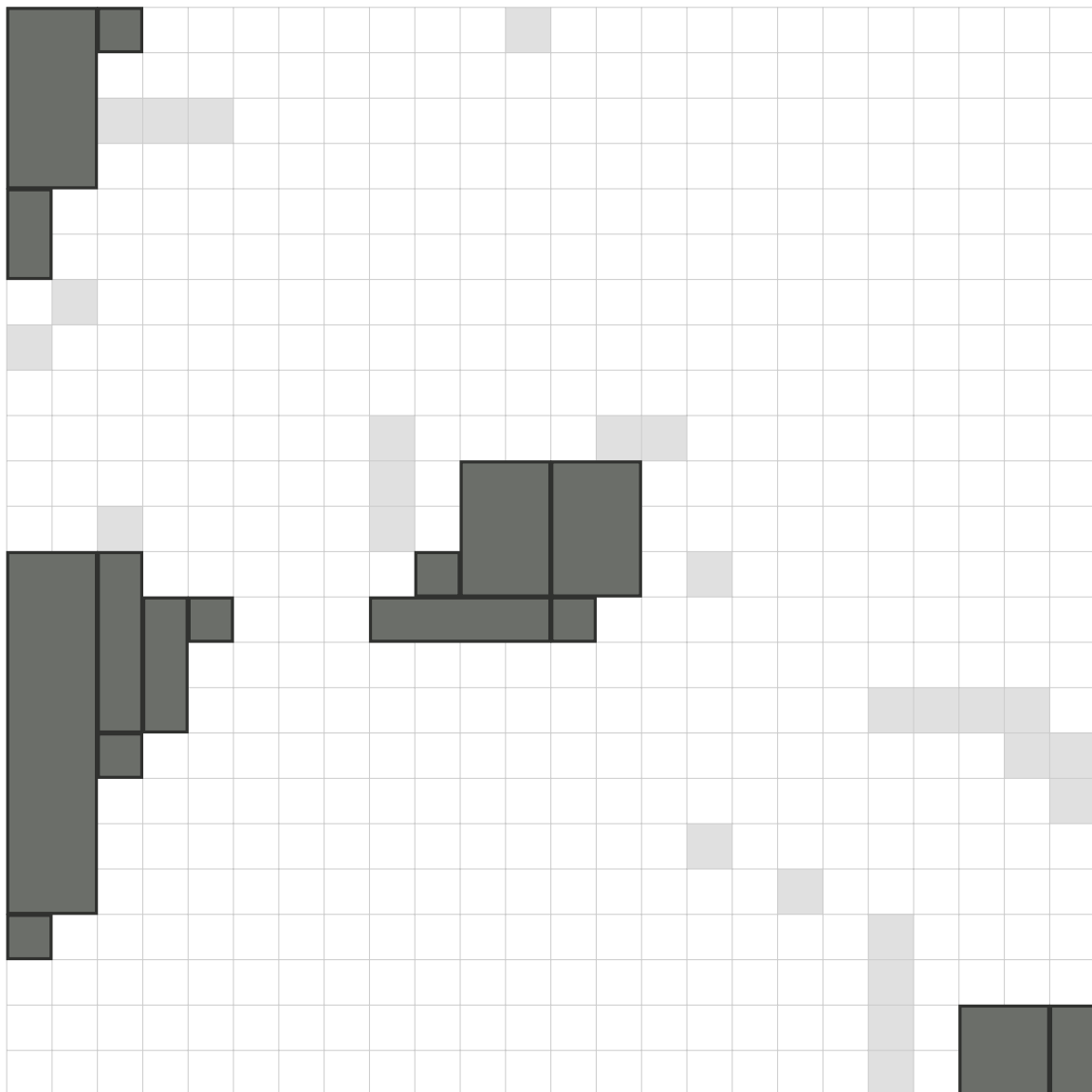
Pieces 369–371 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 20 of 27

Bricks · 16 pieces · 61 squares · 4 steps



The whole layer from above. Pale grey shows Layer 19 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

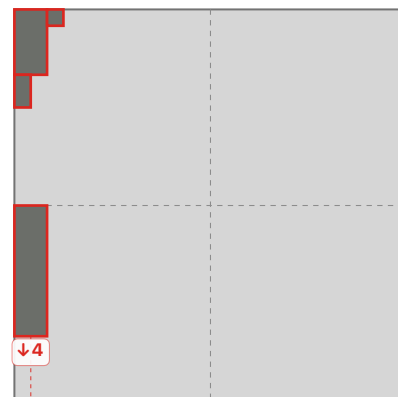
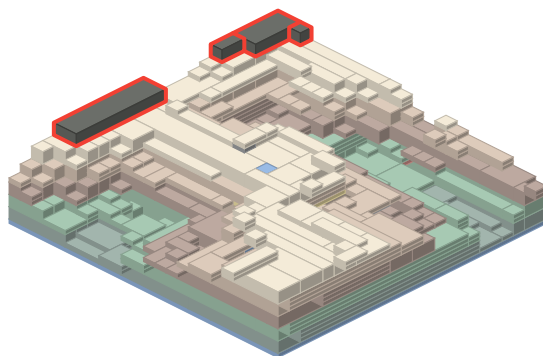
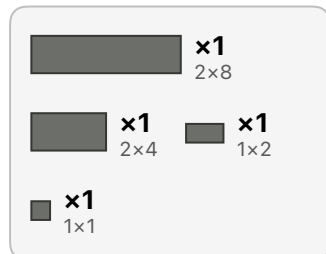
Parts for this layer

 **x1**
2x8
  **x1**
2x4
  **x2**
2x3
  **x2**
1x4
  **x1**
2x2
  **x1**
1x3
  **x2**
1x2
  **x6**
1x1

87

Layer 20 · step 1 of 4

Pieces 372–375 of 459

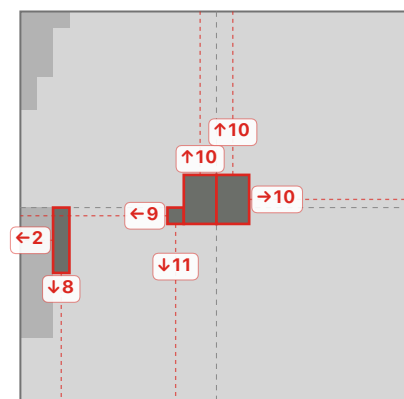
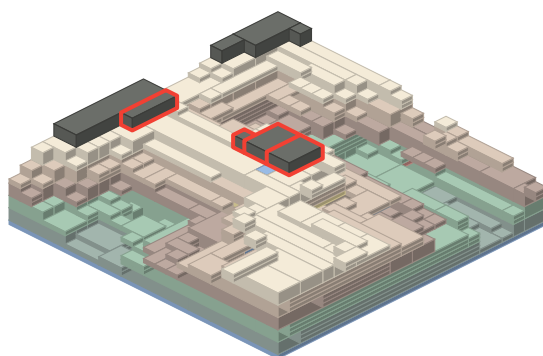
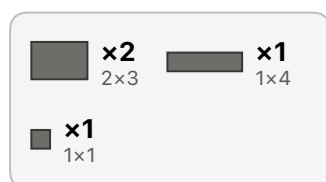


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

88

Layer 20 · step 2 of 4

Pieces 376–379 of 459

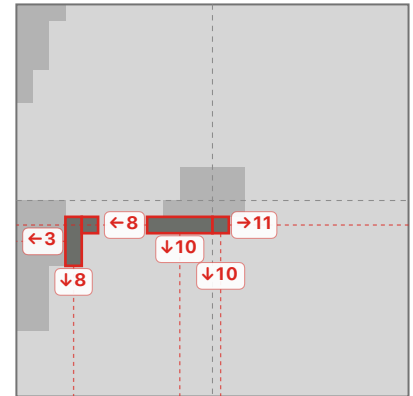
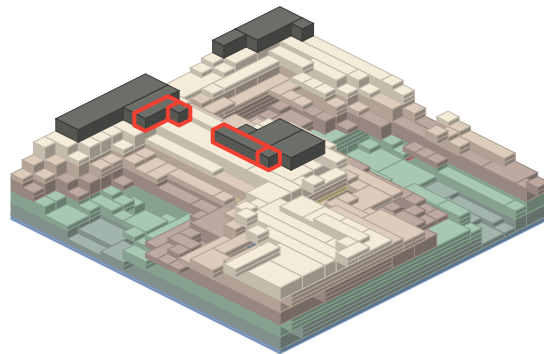
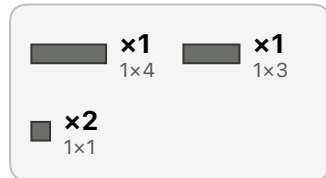


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

89

Layer 20 · step 3 of 4

Pieces 380–383 of 459

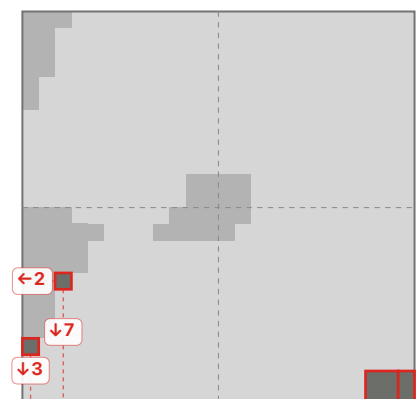
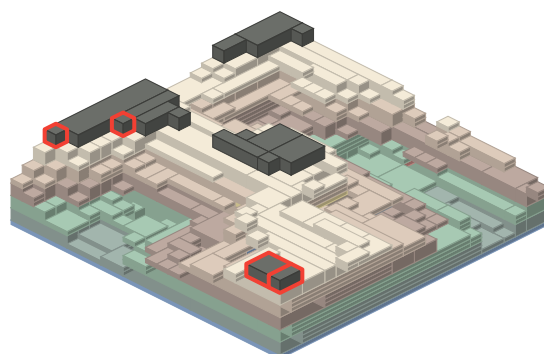


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

90

Layer 20 · step 4 of 4

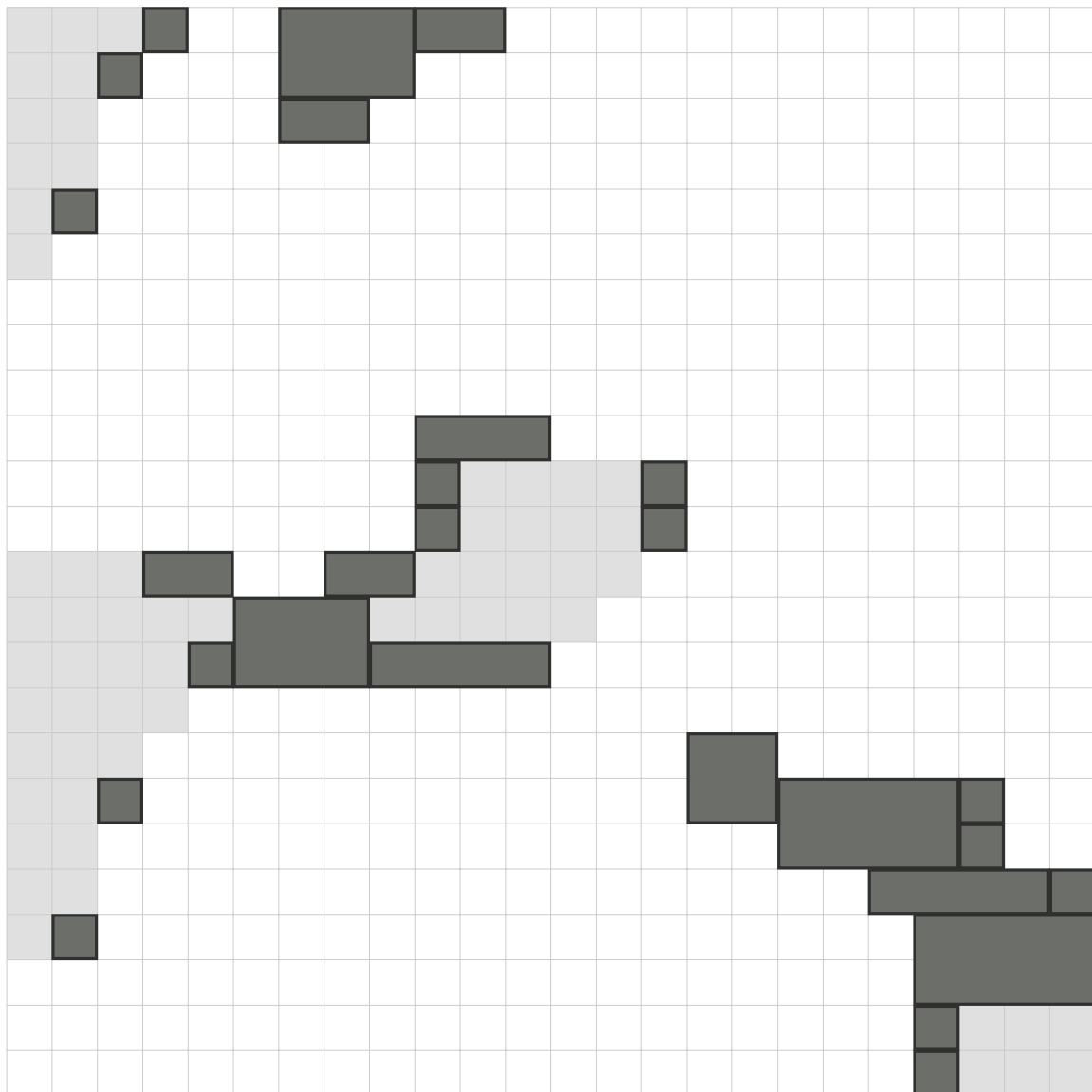
Pieces 384–387 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 21 of 27

Plates · 27 pieces · 66 squares · 5 steps



The whole layer from above. Pale grey shows Layer 20 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

2x4 plate **x2** 2x3 plate **x2** 1x4 plate **x2** 2x2 plate **x1** 1x3 plate **x1** 1x2 plate **x4** 1x1 plate **x15**

91

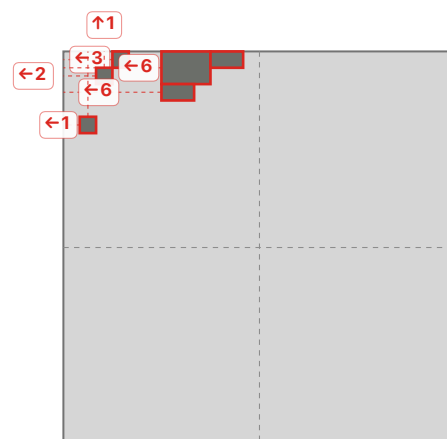
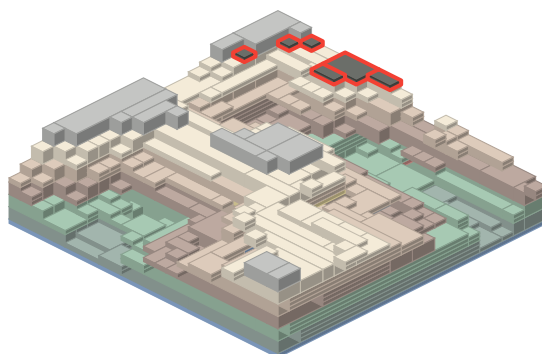
Layer 21 plates · step 1 of 5

Pieces 388–393 of 459

x1
2x3 plate

x2
1x2 plate

x3
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

92

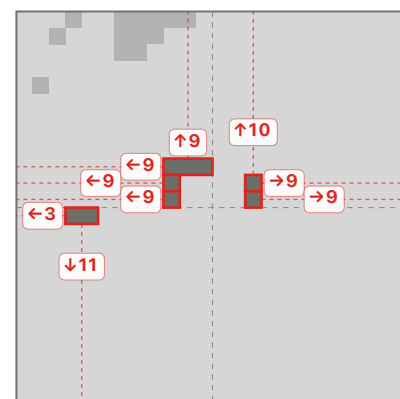
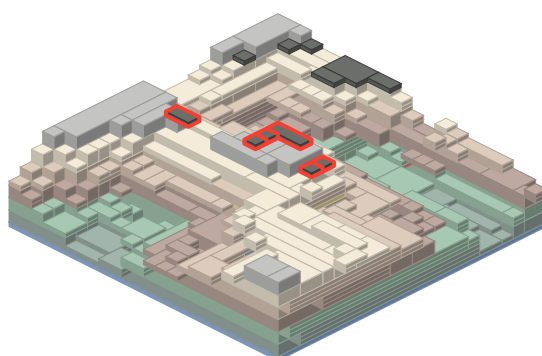
Layer 21 plates · step 2 of 5

Pieces 394–399 of 459

x1
1x3 plate

x1
1x2 plate

x4
1x1 plate



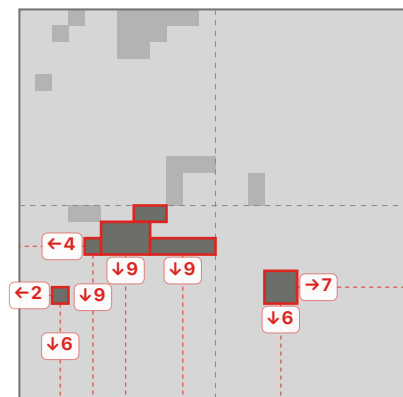
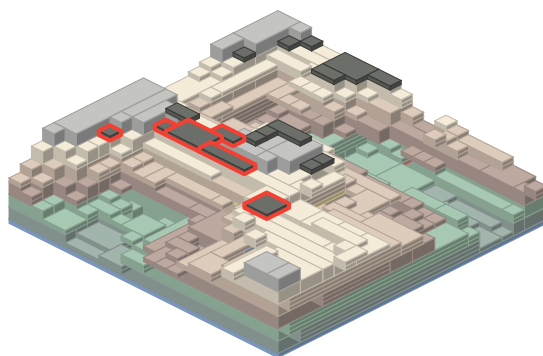
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

93

Layer 21 plates · step 3 of 5

Pieces 400–405 of 459

-  **x1**
2x3 plate
-  **x1**
1x4 plate
-  **x1**
2x2 plate
-  **x1**
1x2 plate
-  **x2**
1x1 plate



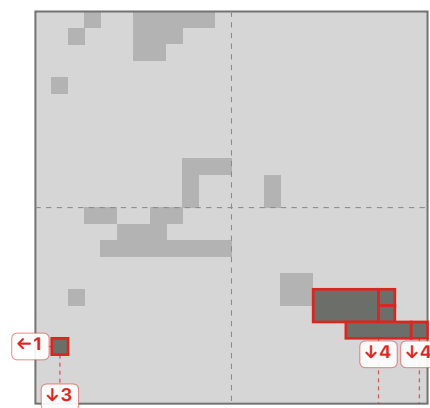
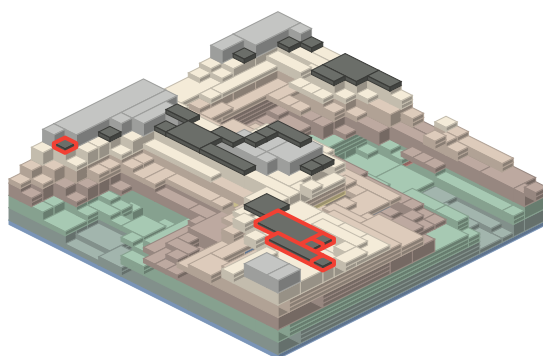
From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

94

Layer 21 plates · step 4 of 5

Pieces 406–411 of 459

-  **x1**
2x4 plate
-  **x1**
1x4 plate
-  **x4**
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

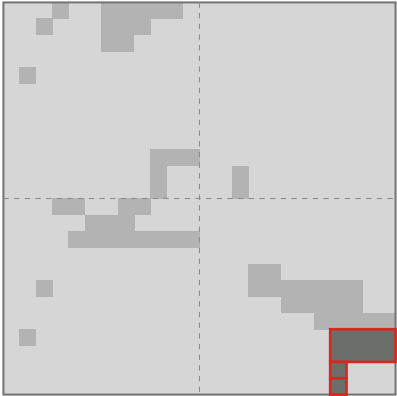
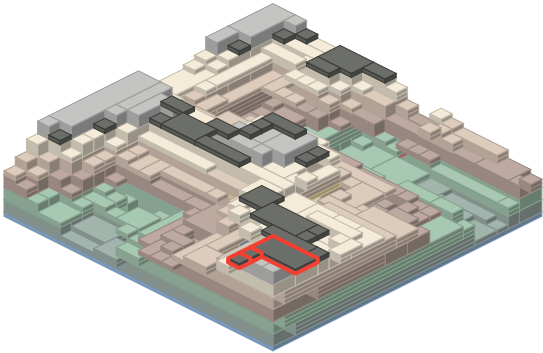
95

Layer 21 plates · step
5 of 5

Pieces 412–414 of 459

x1
2x4 plate

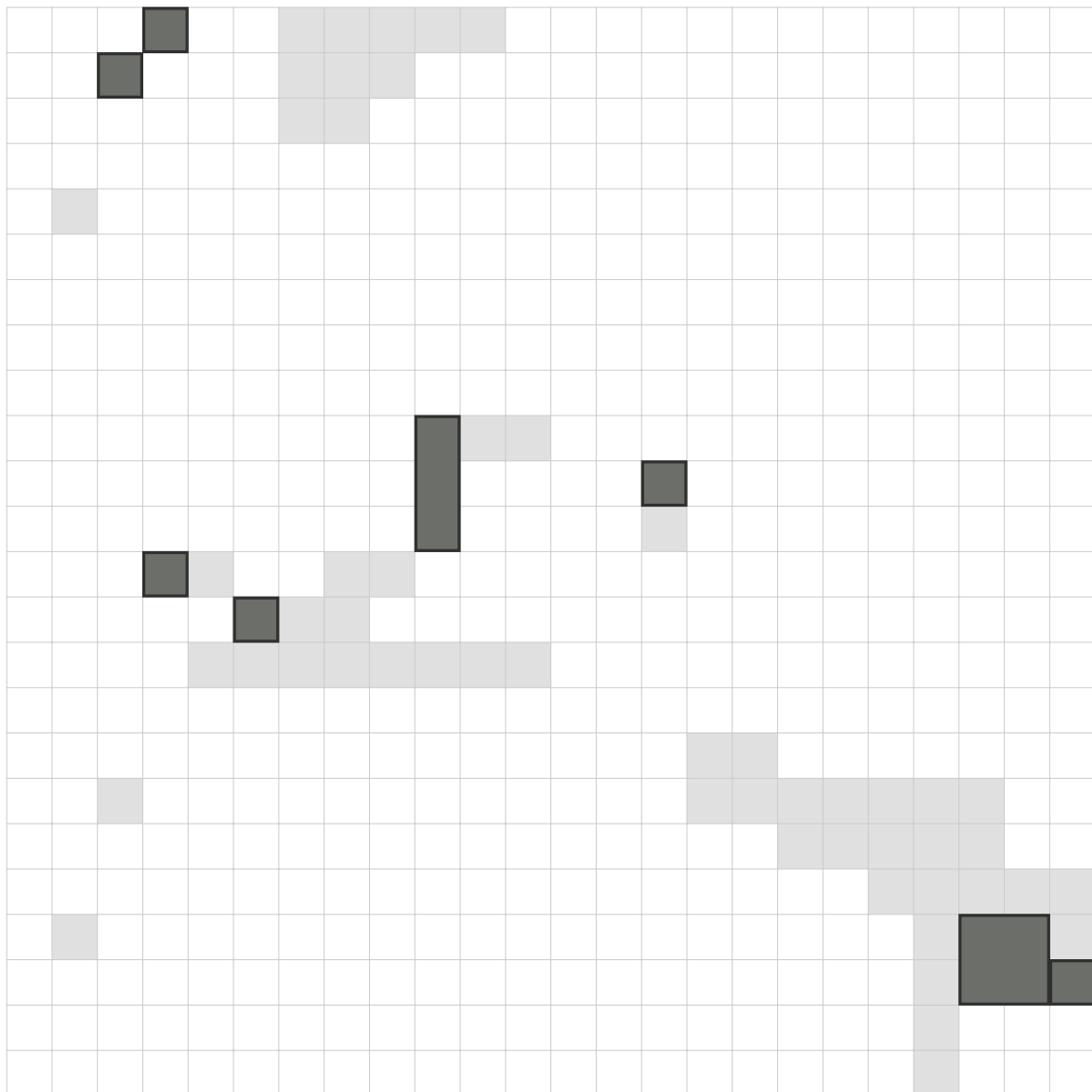
x2
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 22 of 27

Plates · 8 pieces · 13 squares · 2 steps



The whole layer from above. Pale grey shows Layer 21 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x1
 2x2 plate

x1
 1x3 plate

x6
 1x1 plate

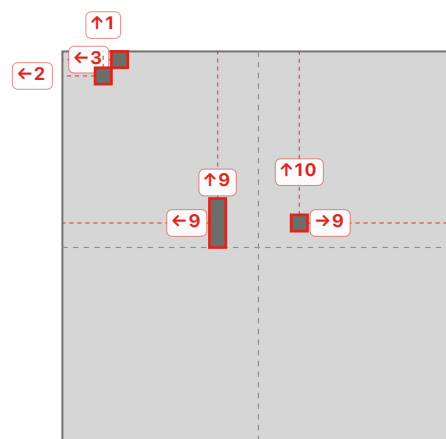
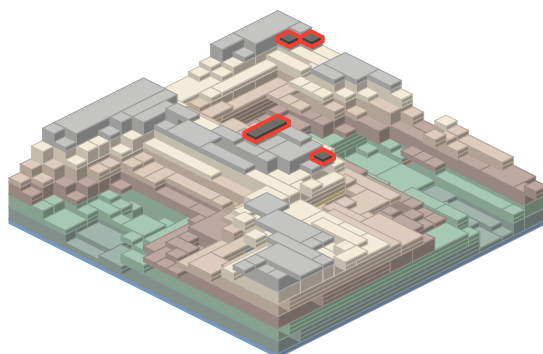
96

Layer 22 plates · step 1 of 2

Pieces 415–418 of 459

x1
1×3 plate

x3
1×1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

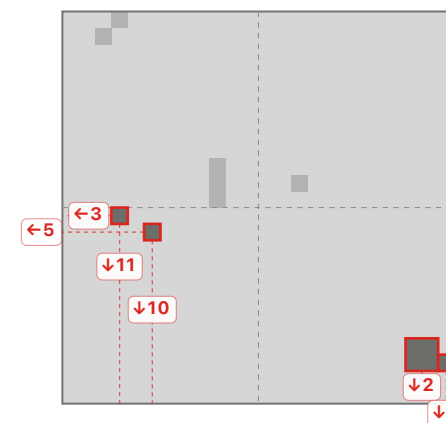
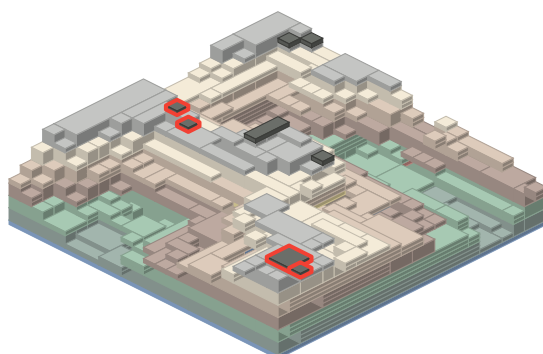
97

Layer 22 plates · step 2 of 2

Pieces 419–422 of 459

x1
2×2 plate

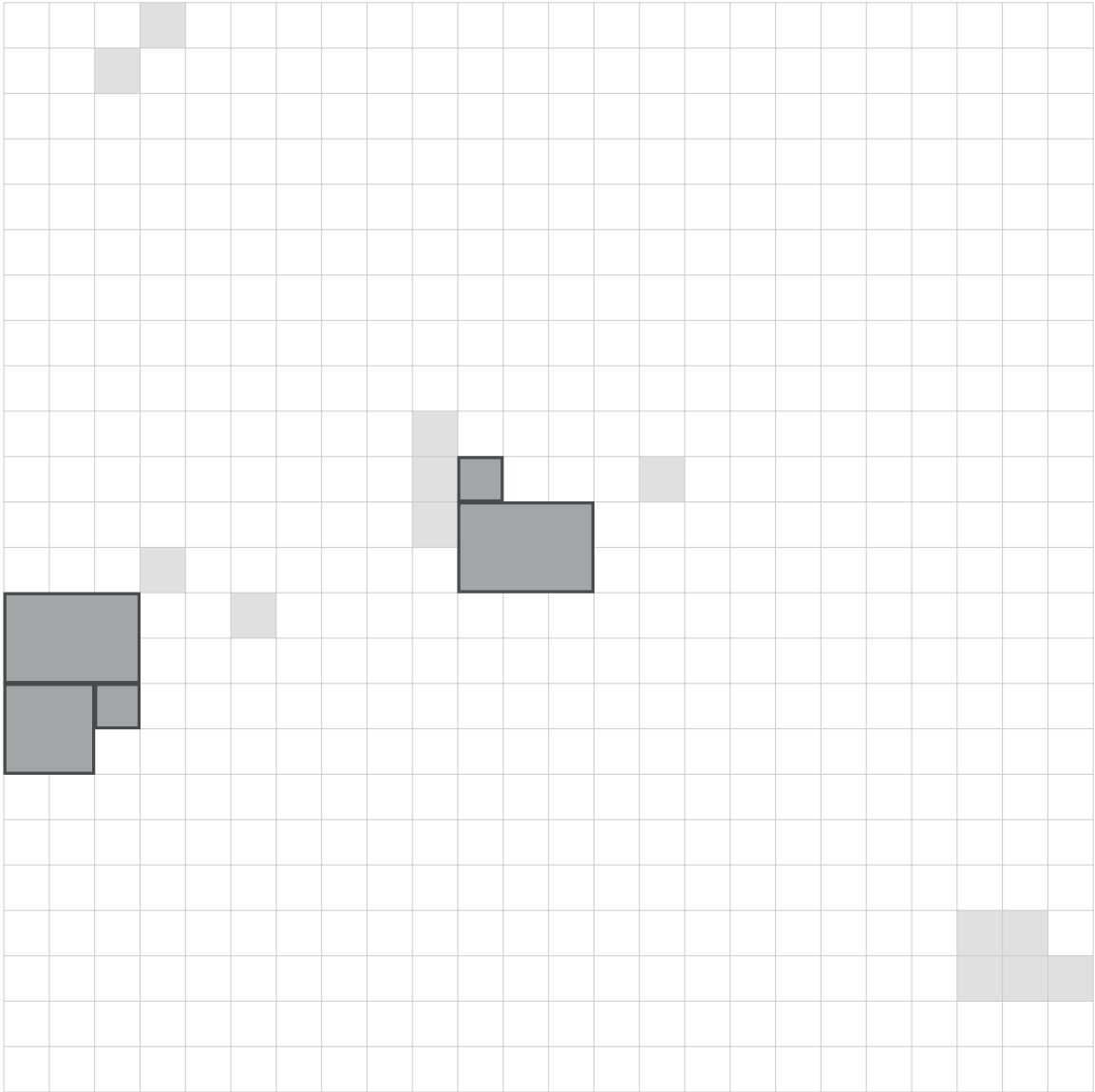
x3
1×1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 23 of 27

Bricks · 5 pieces · 18 squares · 2 steps



The whole layer from above. Pale grey shows Layer 22 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x2
2x3

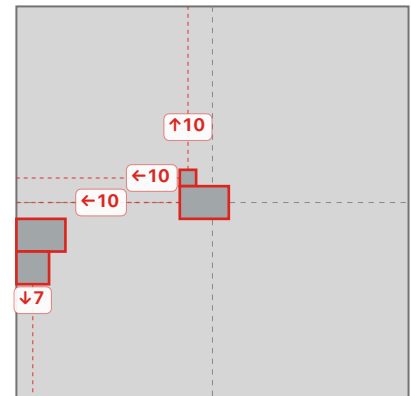
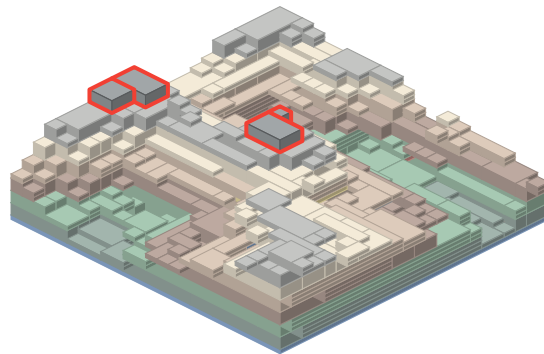
x1
2x2

x2
1x1

98

Layer 23 · step 1 of 2

Pieces 423–426 of 459

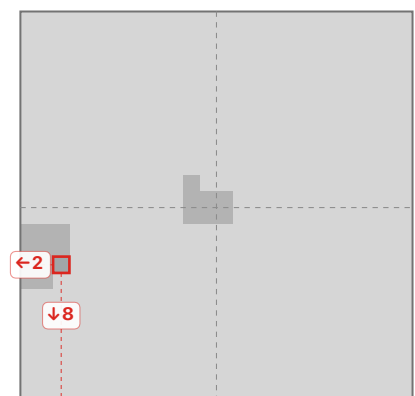
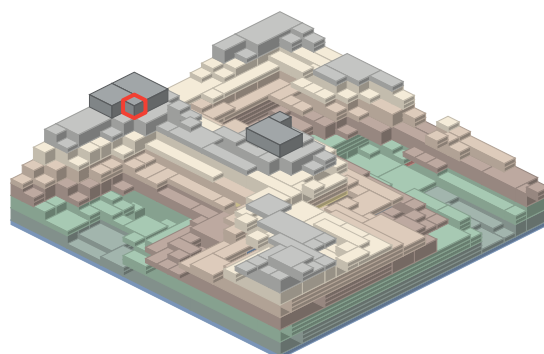


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

99

Layer 23 · step 2 of 2

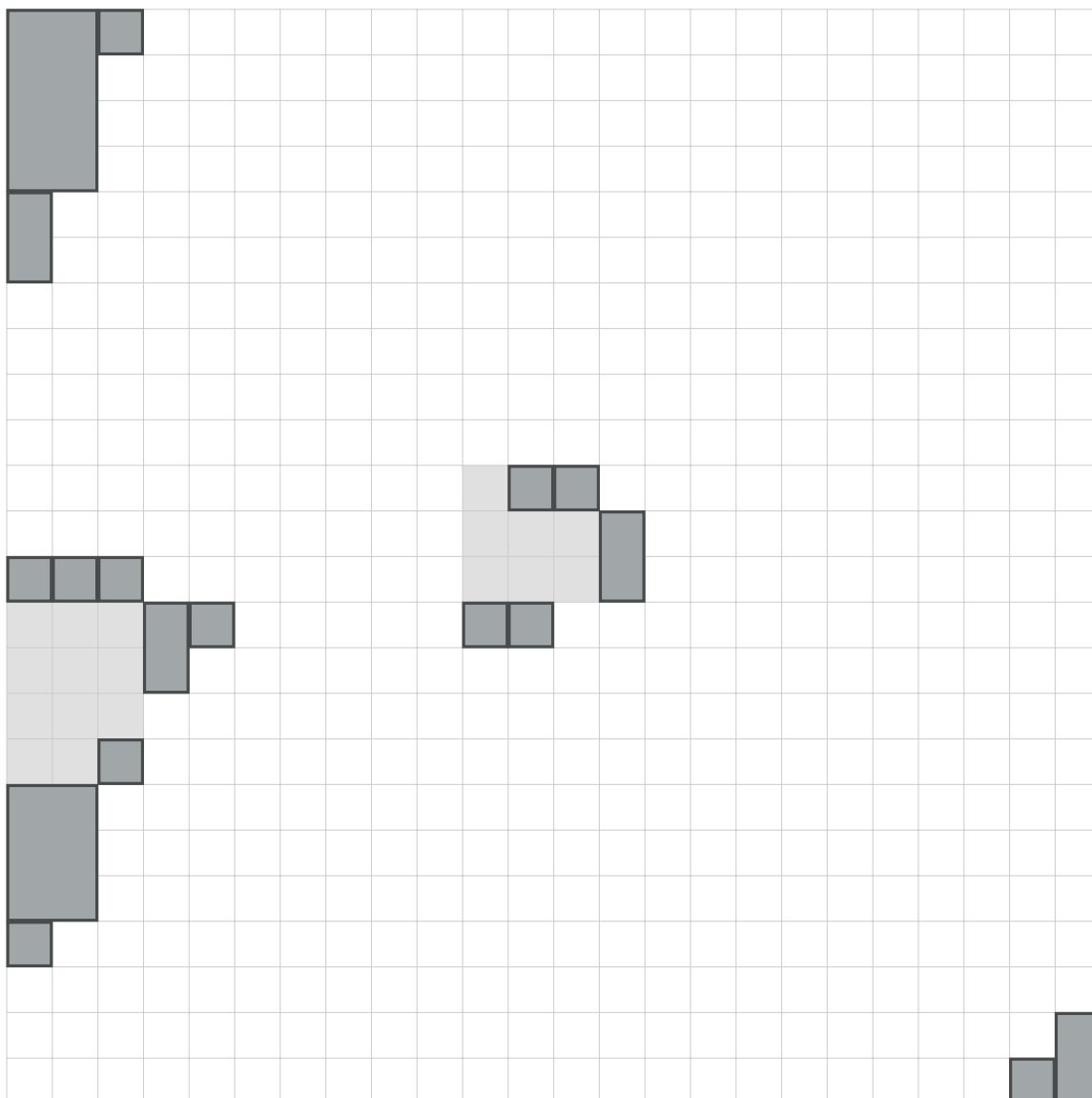
Pieces 427–427 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Layer 24 of 27

Plates · 18 pieces · 34 squares · 5 steps



The whole layer from above. Pale grey shows Layer 23 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

x1
 2x4 plate

x1
 2x3 plate

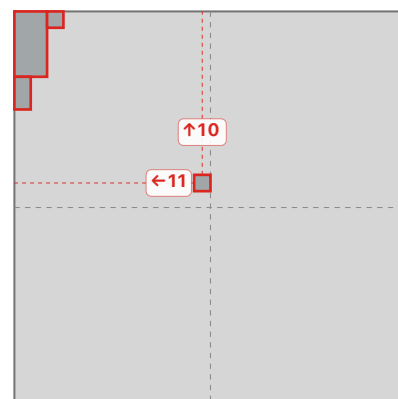
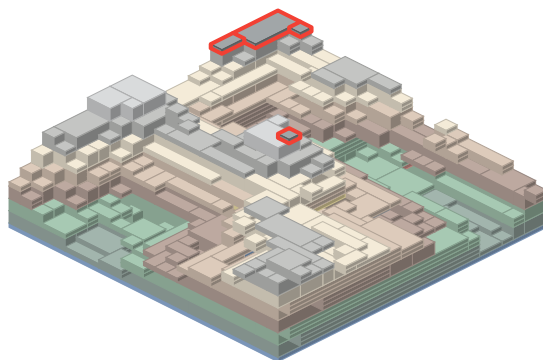
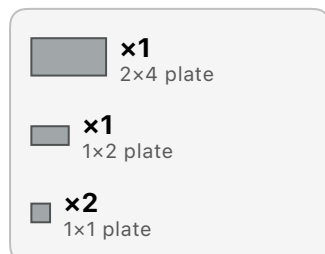
x4
 1x2 plate

x12
 1x1 plate

100

Layer 24 plates · step 1 of 5

Pieces 428–431 of 459

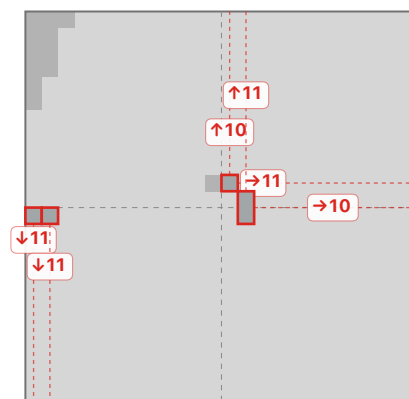
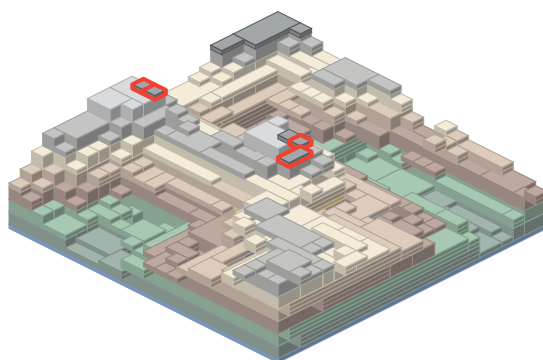
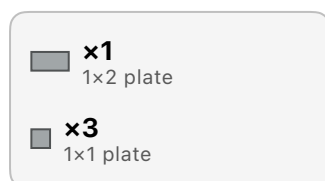


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

101

Layer 24 plates · step 2 of 5

Pieces 432–435 of 459



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

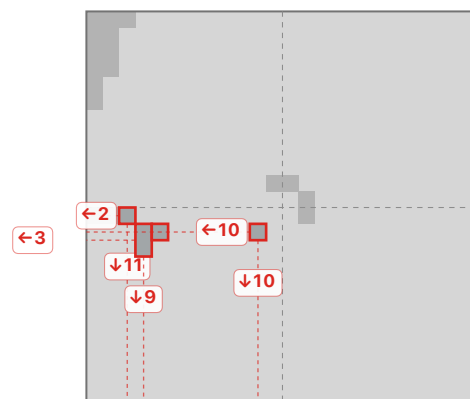
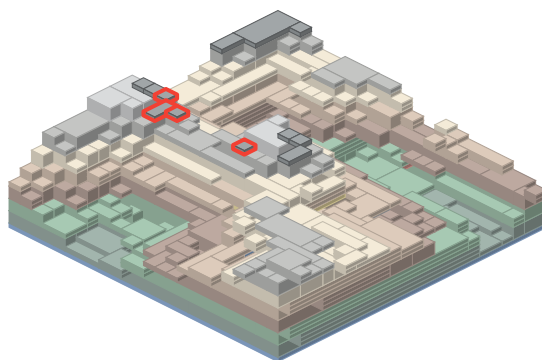
102

Layer 24 plates · step 3 of 5

Pieces 436–439 of 459

x1
1x2 plate

x3
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

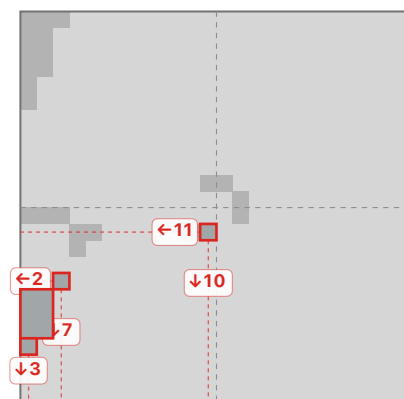
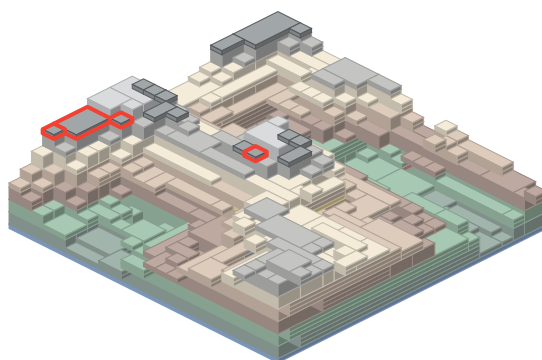
103

Layer 24 plates · step 4 of 5

Pieces 440–443 of 459

x1
2x3 plate

x3
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

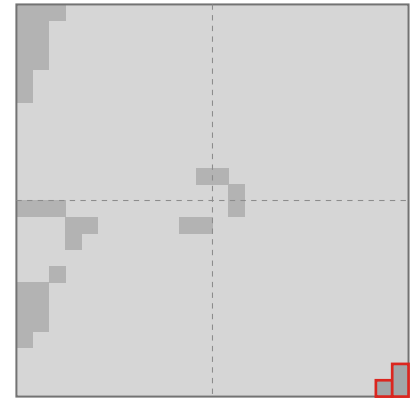
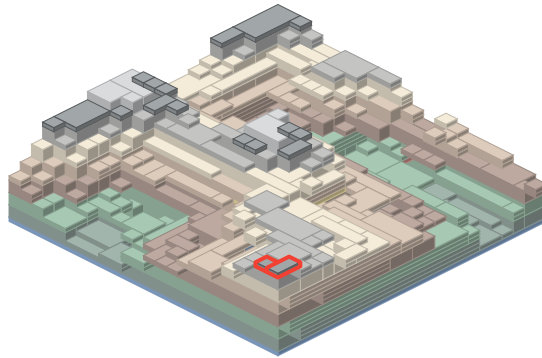
104

Layer 24 plates · step 5 of 5

Pieces 444–445 of 459

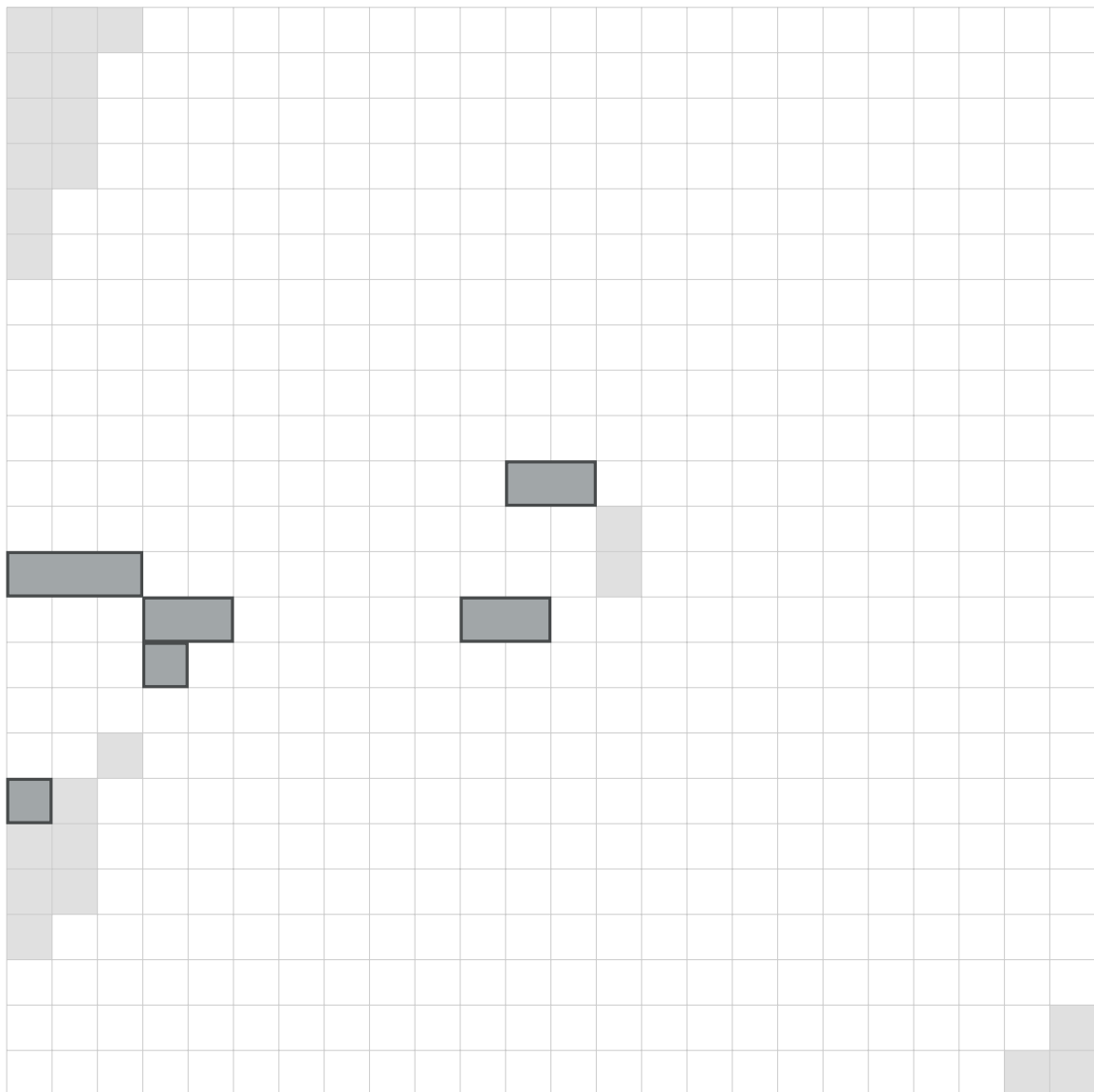
 **x1**
1x2 plate

 **x1**
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

Plates · 6 pieces · 11 squares · 2 steps



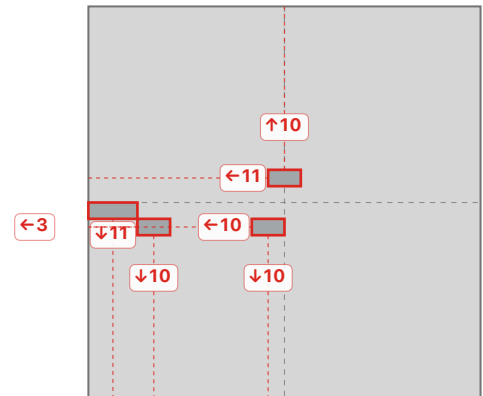
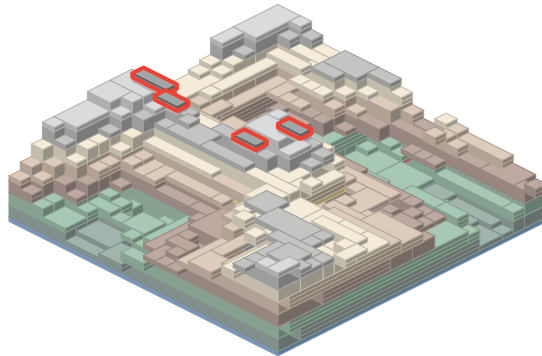
Parts for this layer

 **x1**
1x3 plate  **x3**
1x2 plate  **x2**
1x1 plate

105

Layer 25 plates · step 1 of 2

Pieces 446–449 of 459

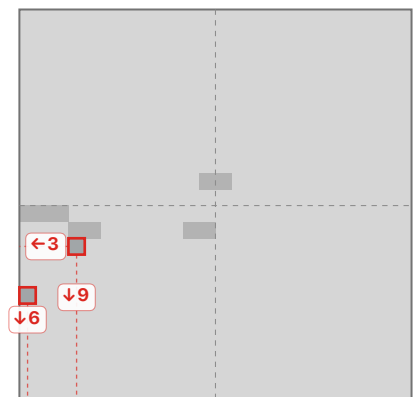
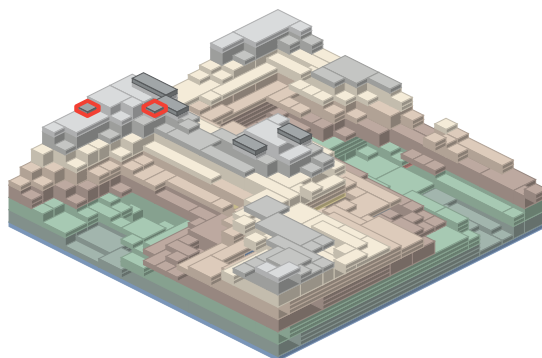
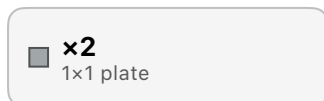


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

106

Layer 25 plates · step 2 of 2

Pieces 450–451 of 459

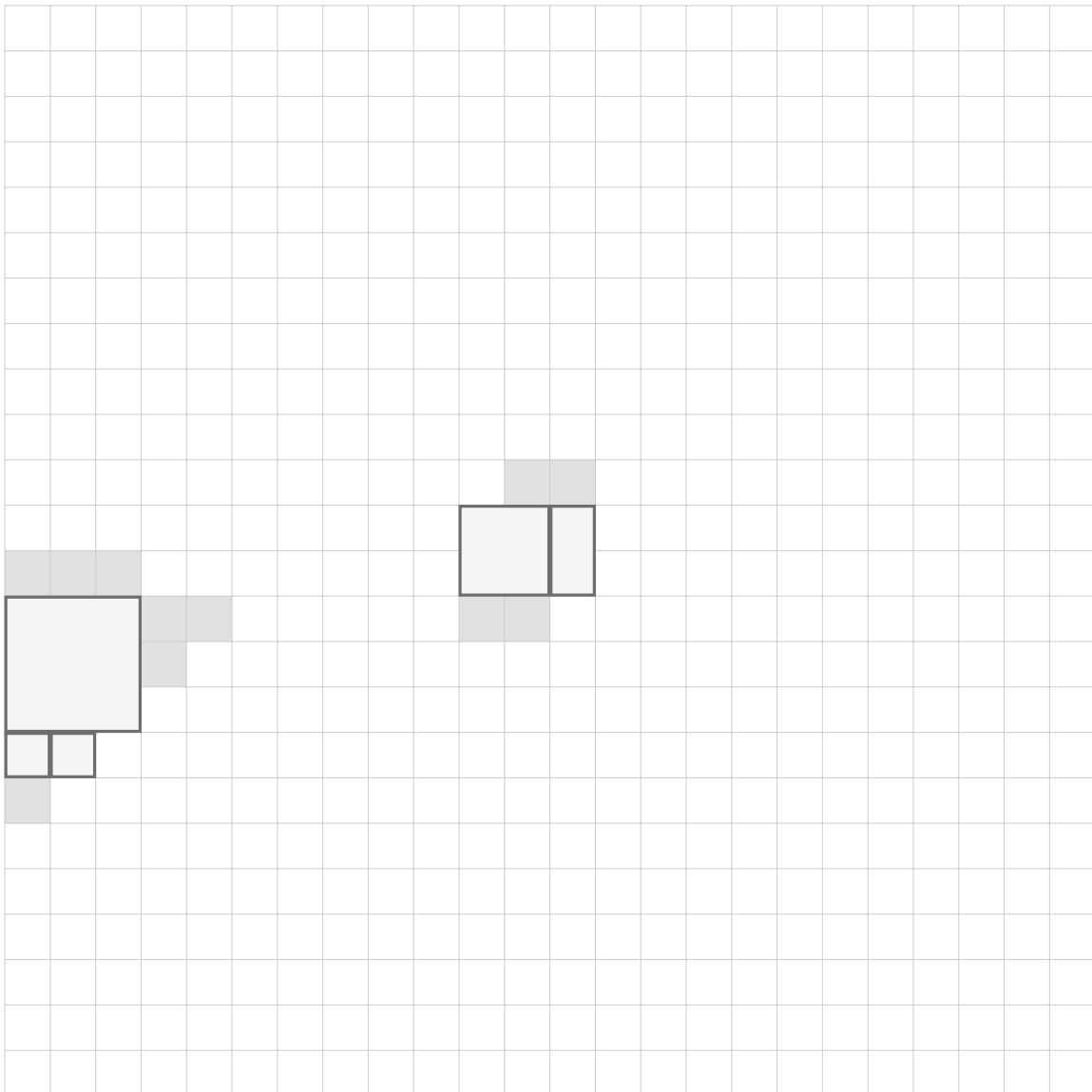


From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 26 of 27

Plates · 5 pieces · 17 squares · 2 steps



The whole layer from above. Pale grey shows Layer 25 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer



x1
3x3 plate



x1
2x2 plate



x1
1x2 plate

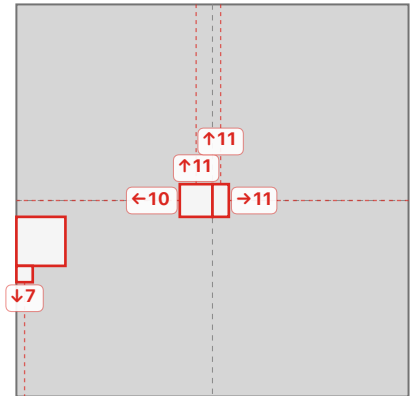
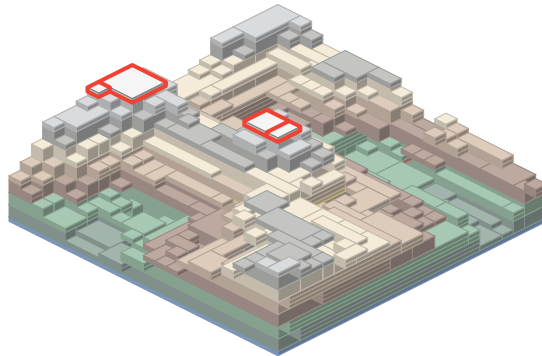


x2
1x1 plate

107

Layer 26 plates · step 1 of 2

Pieces 452–455 of 459

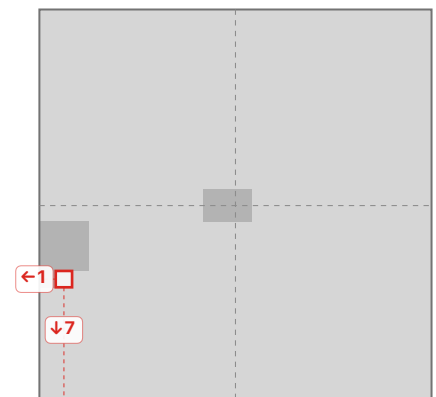
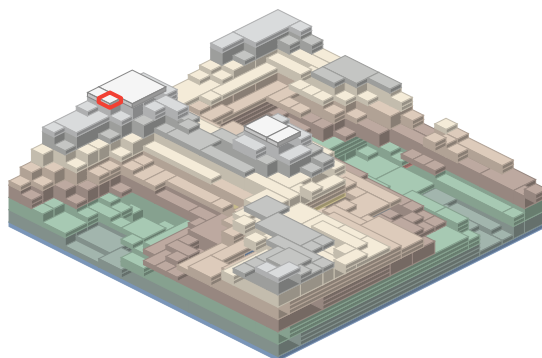
☐ **x1**
3×3 plate☐ **x1**
2×2 plate☐ **x1**
1×2 plate☐ **x1**
1×1 plate

From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.

108

Layer 26 plates · step 2 of 2

Pieces 456–456 of 459

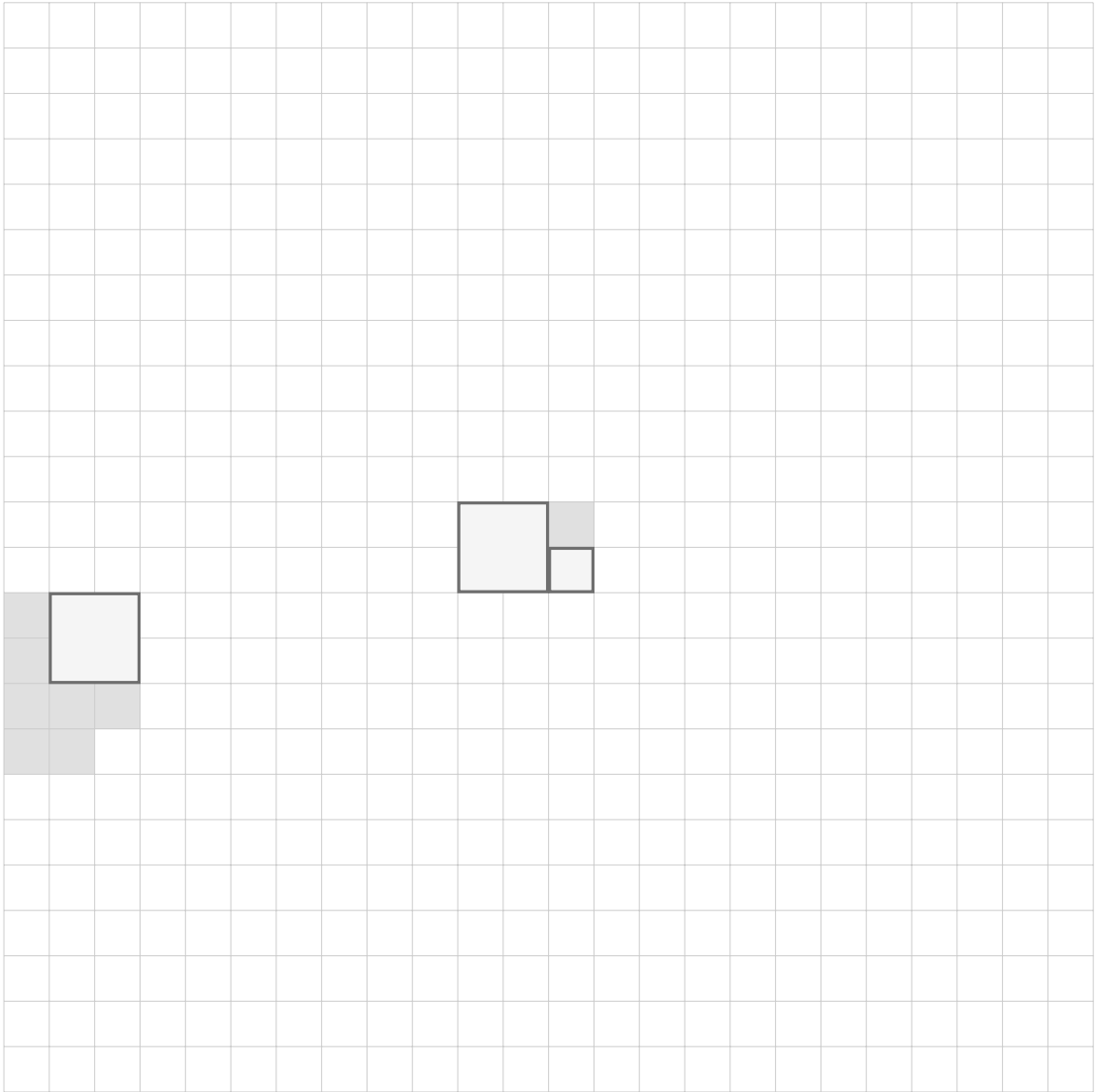
☐ **x1**
1×1 plate

From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.



Layer 27 of 27

Plates · 3 pieces · 9 squares · 1 steps



The whole layer from above. Pale grey shows Layer 26 underneath; bright blocks go inside (Red top right, Black top left, Yellow bottom left, Blue bottom right) and go down first.

Parts for this layer

- x2**
2x2 plate

x1
1x1 plate

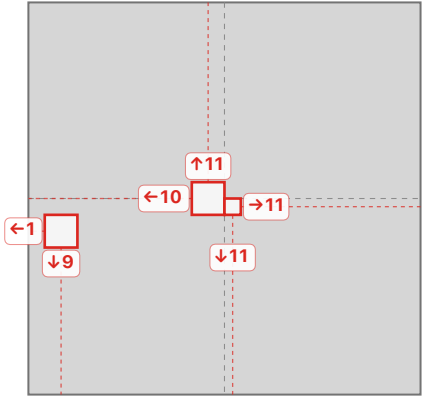
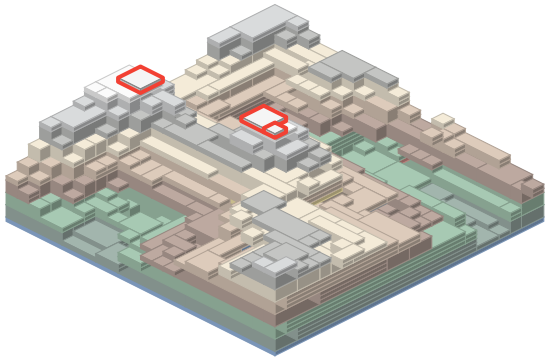
109

☐ Layer 27 plates · step 1 of 1

Pieces 457–459 of 459

☐ **x2**
2x2 plate

☐ **x1**
1x1 plate



From above. Numbers count the studs from each new block to the nearest side and the nearest top or bottom of the base (none where it's on the edge). Dashed lines mark the quarters.