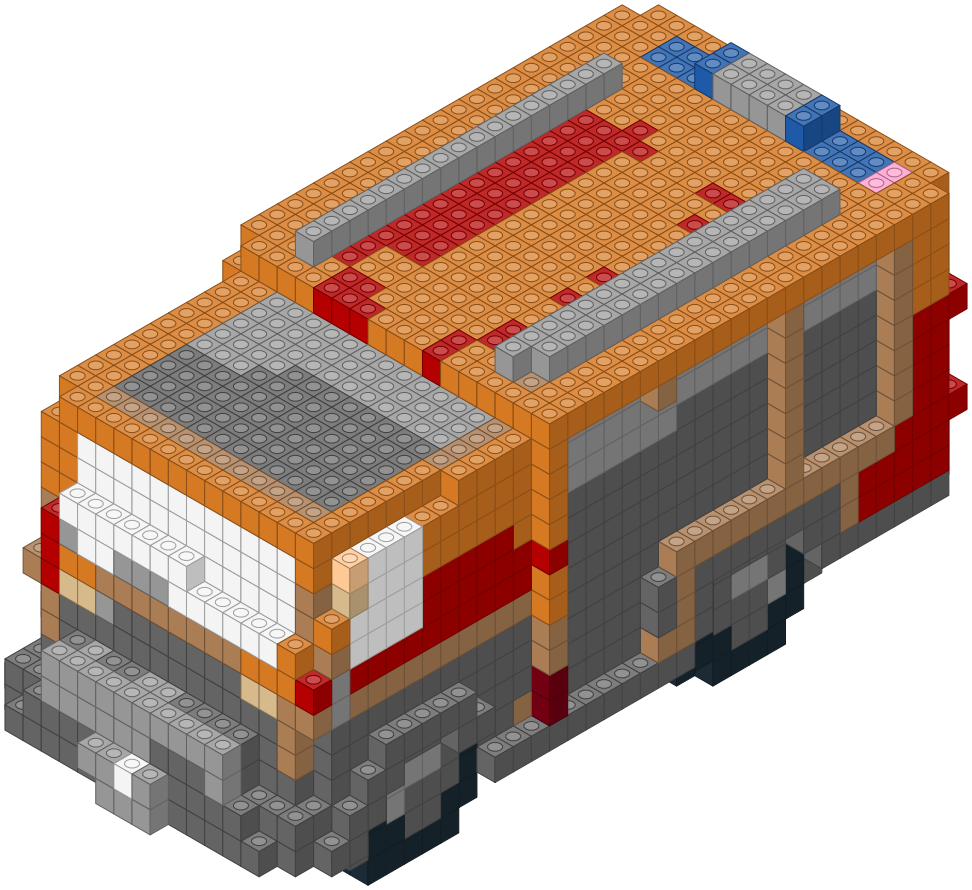
HIGEN3D · BRICK SET

fire-truck



869
bricks

16
layers · 15.4 cm tall

18 × 39
studs · 14.4 × 31.2 cm

13
colours

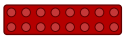
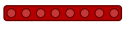
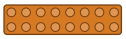
Colours

Light Bluish Gray	304	Black	50	Dark Tan	2
Dark Bluish Gray	220	White	25	Bright Pink	2
Orange	90	Blue	8	Light Nougat	1
Medium Nougat	81	Tan	4		
Red	80	Dark Red	2		

- Standard 1-high bricks (1 x 1 to 2 x 8) with LDraw / BrickLink part numbers; the full list is on the next page.
- 219 grey bricks sit inside the model where nobody sees them: any colour works there.
- Build from layer 1 upwards, one step per layer. The bottom edge of every page is the front of the model.
- Files: parts.csv (parts list) · bricklink.xml (BrickLink wanted list) · model.ldr (BrickLink Studio, LeoCAD).

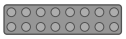
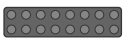
Parts list

869 bricks · 72 kinds · part = LDraw / BrickLink number

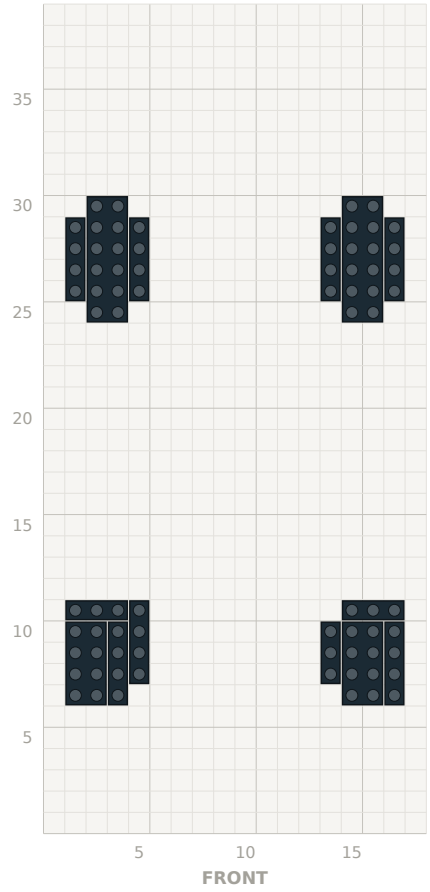
Brick	Size	Part	Colour	BrickLink colour	Qty
	2 × 6	2456	Black	11	**2**
	2 × 4	3001	Black	11	**2**
	2 × 3	3002	Black	11	**1**
	2 × 2	3003	Black	11	**3**
	1 × 4	3010	Black	11	**13**
	1 × 3	3622	Black	11	**5**
	1 × 2	3004	Black	11	**10**
	1 × 1	3005	Black	11	**14**
	1 × 8	3008	White	1	**1**
	1 × 6	3009	White	1	**2**
	1 × 4	3010	White	1	**7**
	1 × 3	3622	White	1	**5**
	1 × 2	3004	White	1	**2**
	1 × 1	3005	White	1	**8**
	2 × 8	3007	Red	5	**3**
	2 × 4	3001	Red	5	**1**
	1 × 8	3008	Red	5	**3**
	2 × 3	3002	Red	5	**1**
	1 × 6	3009	Red	5	**5**
	2 × 2	3003	Red	5	**3**
	1 × 4	3010	Red	5	**8**
	1 × 3	3622	Red	5	**7**
	1 × 2	3004	Red	5	**19**
	1 × 1	3005	Red	5	**30**
	2 × 3	3002	Blue	7	**1**
	2 × 2	3003	Blue	7	**1**
	1 × 1	3005	Blue	7	**6**
	2 × 8	3007	Orange	4	**8**
	2 × 6	2456	Orange	4	**1**
	2 × 4	3001	Orange	4	**4**
	1 × 8	3008	Orange	4	**6**
	2 × 3	3002	Orange	4	**2**
	1 × 6	3009	Orange	4	**6**
	2 × 2	3003	Orange	4	**3**
	1 × 4	3010	Orange	4	**4**
	1 × 3	3622	Orange	4	**8**

Parts list

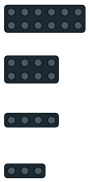
869 bricks · 72 kinds · part = LDraw / BrickLink number

Brick	Size	Part	Colour	BrickLink colour	Qty
	1 × 2	3004	Orange	4	**13**
	1 × 1	3005	Orange	4	**35**
	1 × 2	3004	Tan	2	**1**
	1 × 1	3005	Tan	2	**3**
	1 × 1	3005	Dark Tan	69	**2**
	2 × 8	3007	Light Bluish Gray	86	**37**
	2 × 6	2456	Light Bluish Gray	86	**17**
	2 × 4	3001	Light Bluish Gray	86	**8**
	1 × 8	3008	Light Bluish Gray	86	**67**
	2 × 3	3002	Light Bluish Gray	86	**10**
	1 × 6	3009	Light Bluish Gray	86	**26**
	2 × 2	3003	Light Bluish Gray	86	**13**
	1 × 4	3010	Light Bluish Gray	86	**25**
	1 × 3	3622	Light Bluish Gray	86	**18**
	1 × 2	3004	Light Bluish Gray	86	**36**
	1 × 1	3005	Light Bluish Gray	86	**47**
	2 × 8	3007	Dark Bluish Gray	85	**28**
	2 × 6	2456	Dark Bluish Gray	85	**3**
	2 × 4	3001	Dark Bluish Gray	85	**5**
	1 × 8	3008	Dark Bluish Gray	85	**32**
	2 × 3	3002	Dark Bluish Gray	85	**2**
	1 × 6	3009	Dark Bluish Gray	85	**21**
	2 × 2	3003	Dark Bluish Gray	85	**14**
	1 × 4	3010	Dark Bluish Gray	85	**19**
	1 × 3	3622	Dark Bluish Gray	85	**17**
	1 × 2	3004	Dark Bluish Gray	85	**32**
	1 × 1	3005	Dark Bluish Gray	85	**47**
	1 × 1	3005	Dark Red	59	**2**
	1 × 1	3005	Bright Pink	104	**2**
	1 × 8	3008	Medium Nougat	150	**6**
	1 × 6	3009	Medium Nougat	150	**2**
	1 × 4	3010	Medium Nougat	150	**2**
	1 × 3	3622	Medium Nougat	150	**4**
	1 × 2	3004	Medium Nougat	150	**10**
	1 × 1	3005	Medium Nougat	150	**57**
	1 × 1	3005	Light Nougat	90	**1**

Layer 1 of 16 · 14 bricks

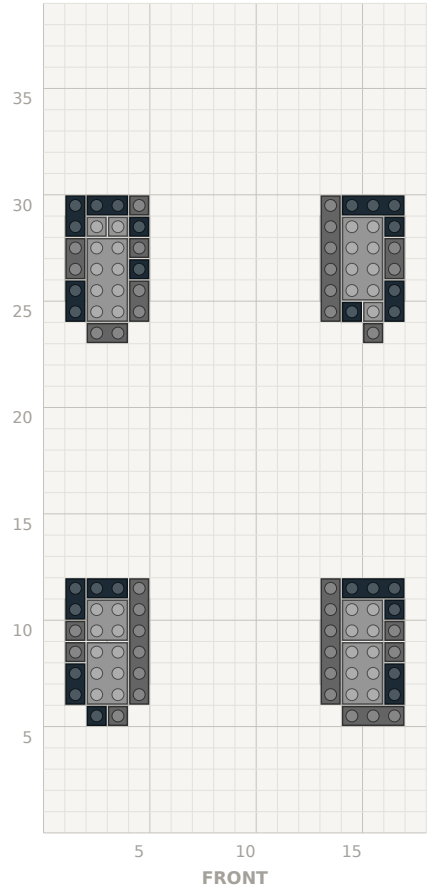


This layer

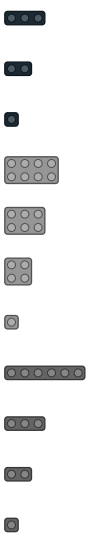


2× 2 × 6
Black
2× 2 × 4
Black
7× 1 × 4
Black
3× 1 × 3
Black

Layer 2 of 16 · 41 bricks

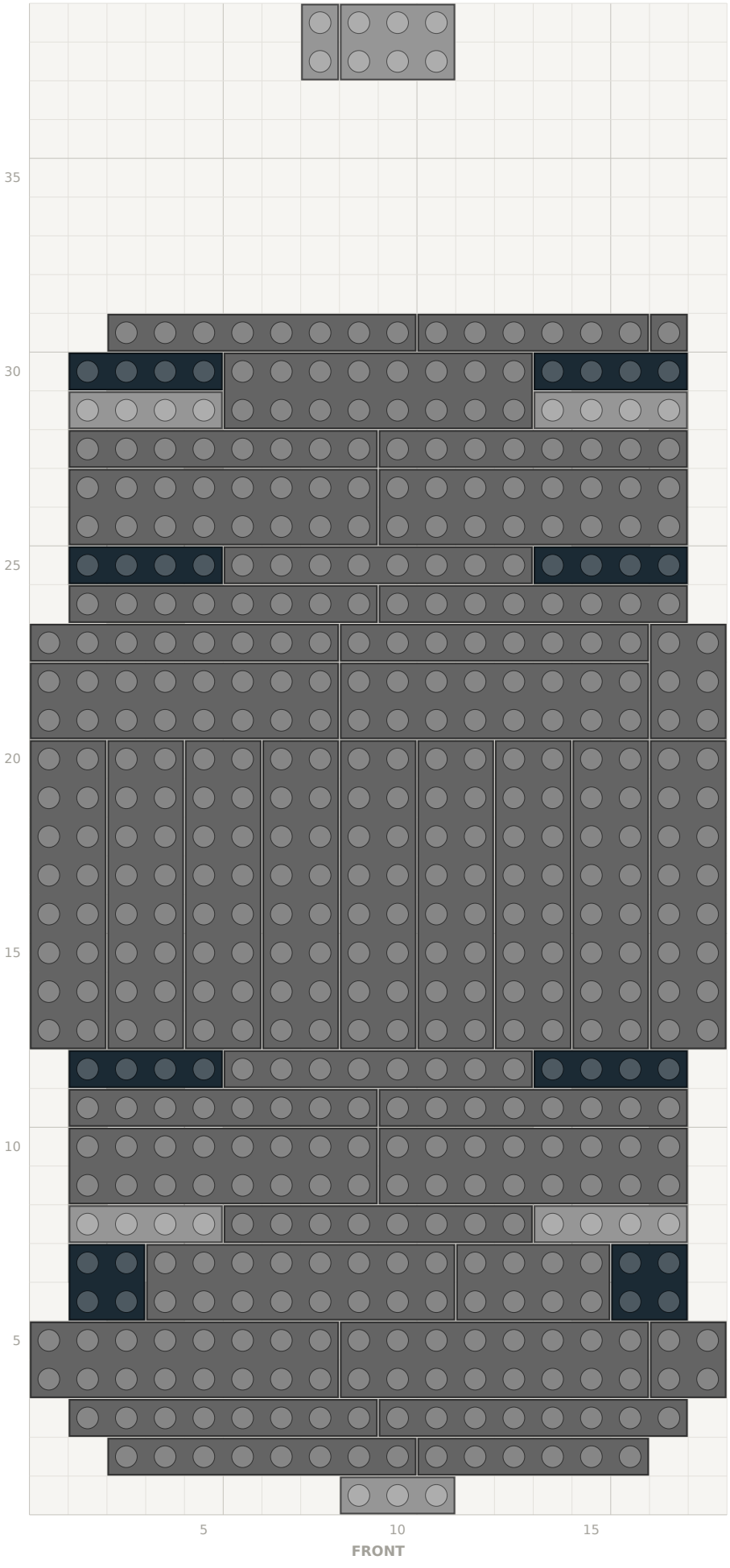


This layer



2× 1 × 3
Black
8× 1 × 2
Black
6× 1 × 1
Black
2× 2 × 4
Light Bluish Gray
2× 2 × 3
Light Bluish Gray
2× 2 × 2
Light Bluish Gray
3× 1 × 1
Light Bluish Gray
3× 1 × 6
Dark Bluish Gray
1× 1 × 3
Dark Bluish Gray
4× 1 × 2
Dark Bluish Gray
8× 1 × 1
Dark Bluish Gray

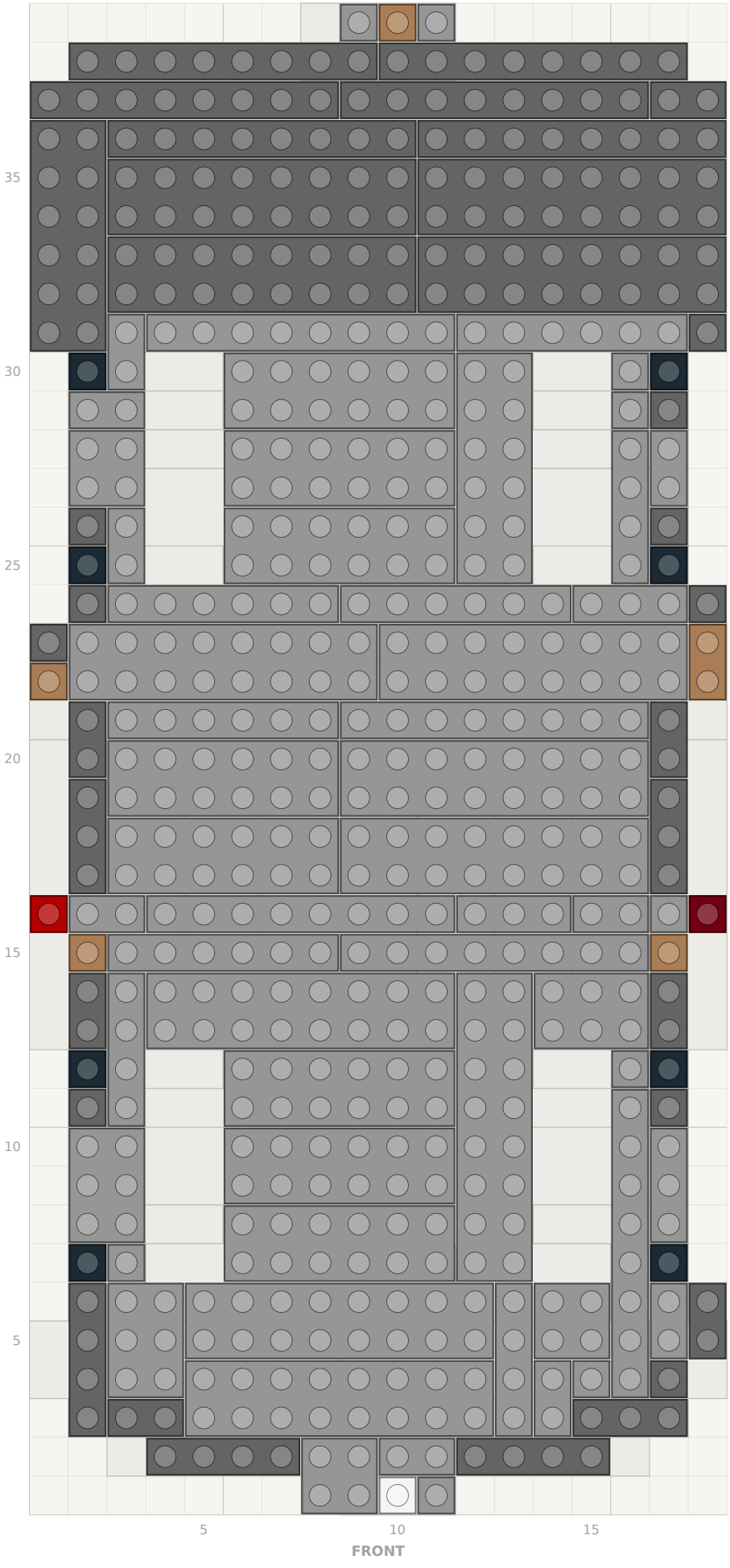
Layer 3 of 16 · 55 bricks



This layer

- **2×** 2 × 2 Black
- **6×** 1 × 4 Black
- **1×** 2 × 3 Light Bluish Gray
- **4×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **1×** 1 × 2 Light Bluish Gray
- **19×** 2 × 8 Dark Bluish Gray
- **1×** 2 × 4 Dark Bluish Gray
- **15×** 1 × 8 Dark Bluish Gray
- **1×** 2 × 3 Dark Bluish Gray
- **2×** 1 × 6 Dark Bluish Gray
- **1×** 2 × 2 Dark Bluish Gray
- **1×** 1 × 1 Dark Bluish Gray

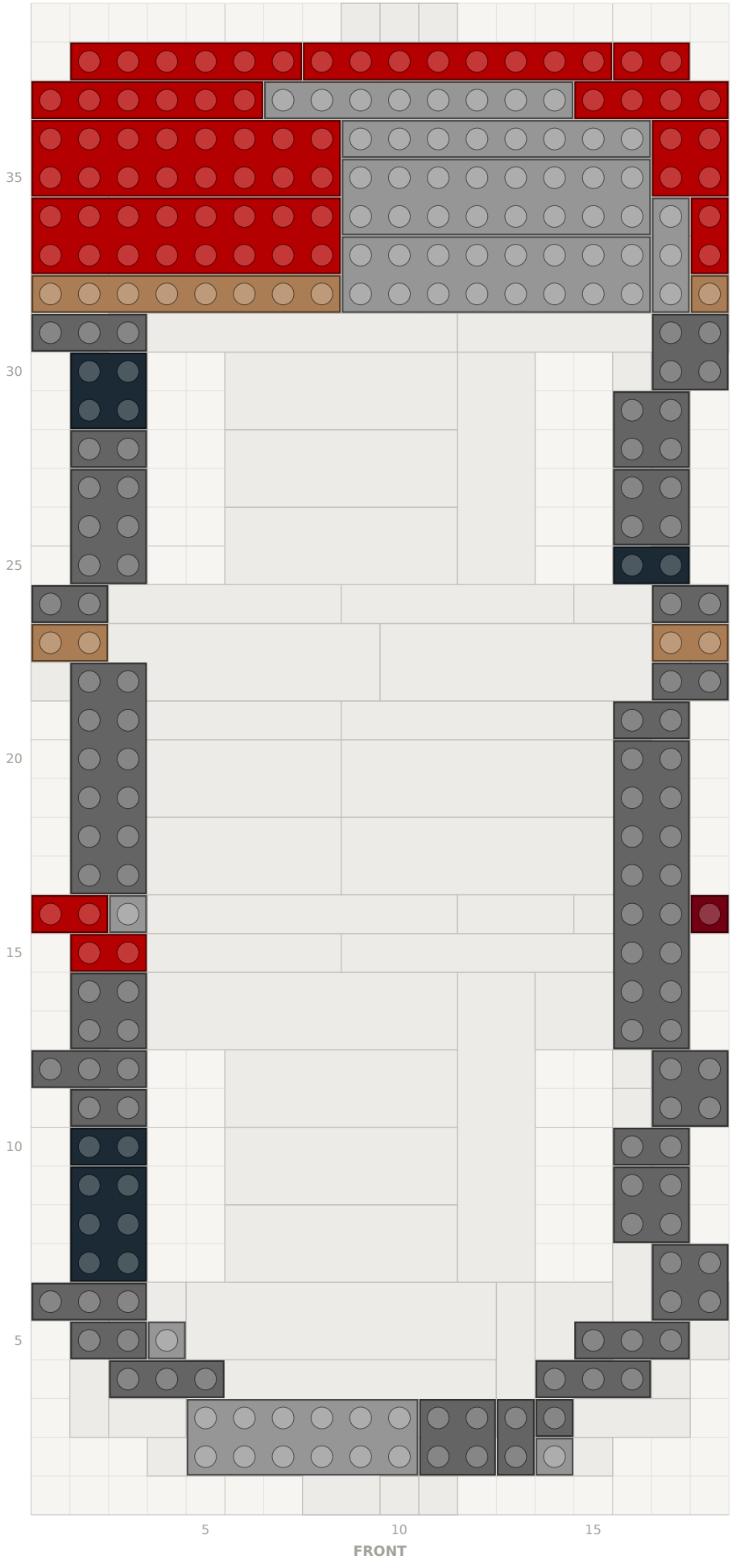
Layer 4 of 16 · 107 bricks



This layer

- **8×** 1 × 1 Black
- **1×** 1 × 1 White
- **1×** 1 × 1 Red
- **8×** 2 × 8 Light Bluish Gray
- **9×** 2 × 6 Light Bluish Gray
- **5×** 1 × 8 Light Bluish Gray
- **3×** 2 × 3 Light Bluish Gray
- **5×** 1 × 6 Light Bluish Gray
- **3×** 2 × 2 Light Bluish Gray
- **3×** 1 × 4 Light Bluish Gray
- **3×** 1 × 3 Light Bluish Gray
- **9×** 1 × 2 Light Bluish Gray
- **9×** 1 × 1 Light Bluish Gray
- **4×** 2 × 8 Dark Bluish Gray
- **1×** 2 × 6 Dark Bluish Gray
- **6×** 1 × 8 Dark Bluish Gray
- **3×** 1 × 4 Dark Bluish Gray
- **3×** 1 × 3 Dark Bluish Gray
- **7×** 1 × 2 Dark Bluish Gray
- **10×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 1 Dark Red
- **1×** 1 × 2 Medium Nougat
- **4×** 1 × 1 Medium Nougat

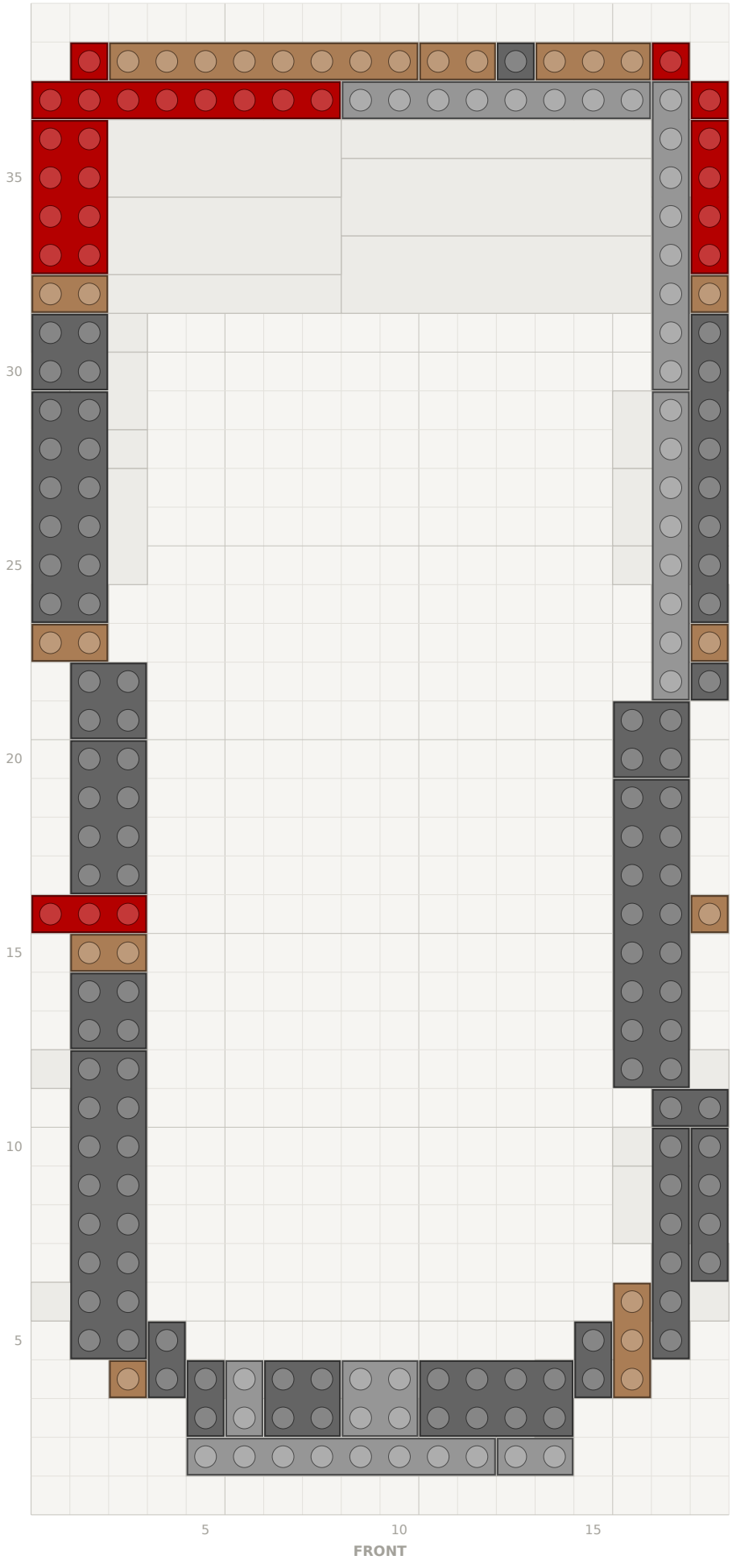
Layer 5 of 16 · 56 bricks



This layer

- **1×** 2 × 3 Black
- **1×** 2 × 2 Black
- **2×** 1 × 2 Black
- **2×** 2 × 8 Red
- **1×** 1 × 8 Red
- **2×** 1 × 6 Red
- **1×** 2 × 2 Red
- **1×** 1 × 4 Red
- **4×** 1 × 2 Red
- **2×** 2 × 8 Light Bluish Gray
- **1×** 2 × 6 Light Bluish Gray
- **2×** 1 × 8 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **1×** 2 × 8 Dark Bluish Gray
- **1×** 2 × 6 Dark Bluish Gray
- **1×** 2 × 3 Dark Bluish Gray
- **8×** 2 × 2 Dark Bluish Gray
- **6×** 1 × 3 Dark Bluish Gray
- **9×** 1 × 2 Dark Bluish Gray
- **1×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 1 Dark Red
- **1×** 1 × 8 Medium Nougat
- **2×** 1 × 2 Medium Nougat
- **1×** 1 × 1 Medium Nougat

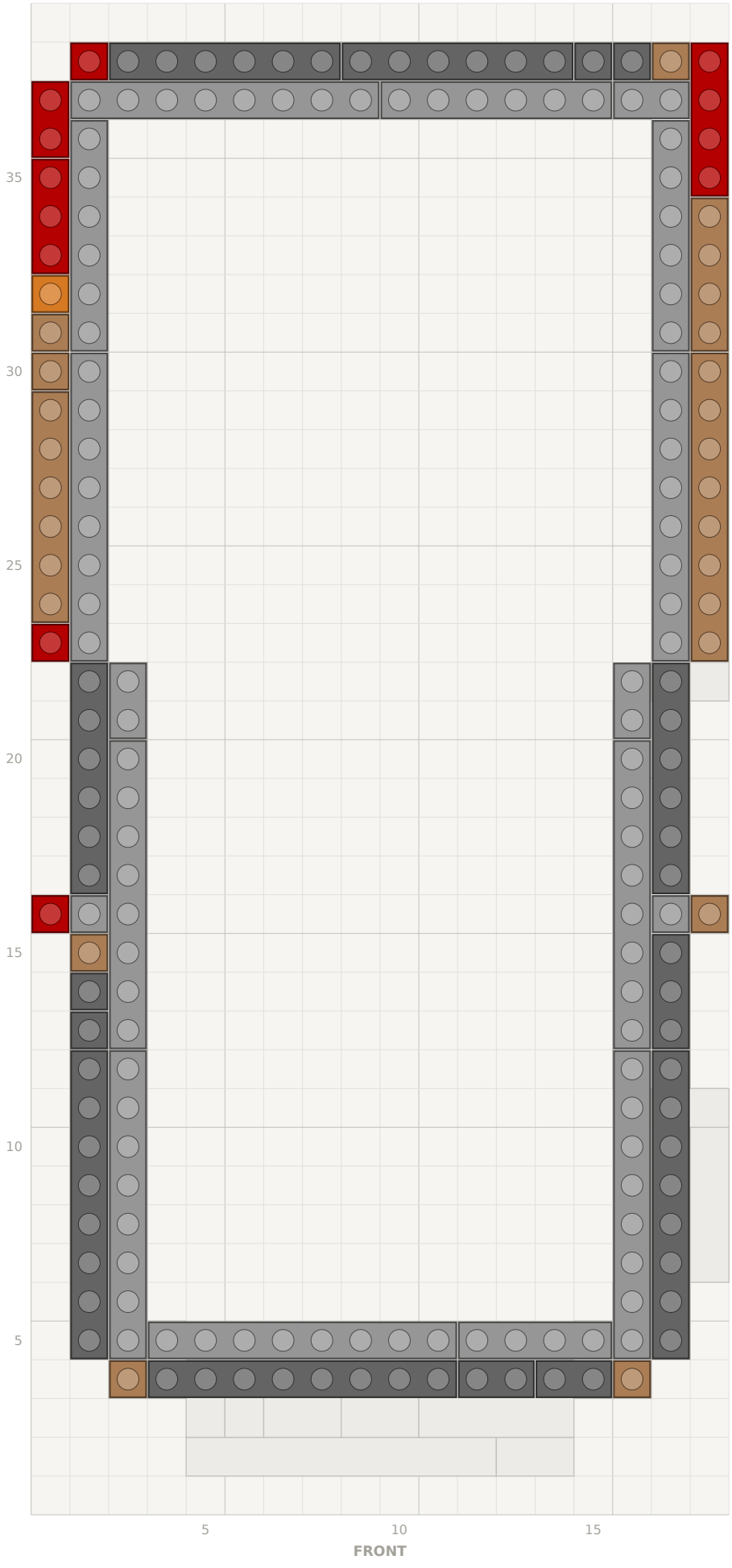
Layer 6 of 16 · 44 bricks



This layer

- **1×** 2 × 4 Red
- **1×** 1 × 8 Red
- **1×** 1 × 4 Red
- **1×** 1 × 3 Red
- **3×** 1 × 1 Red
- **4×** 1 × 8 Light Bluish Gray
- **1×** 2 × 2 Light Bluish Gray
- **2×** 1 × 2 Light Bluish Gray
- **2×** 2 × 8 Dark Bluish Gray
- **1×** 2 × 6 Dark Bluish Gray
- **2×** 2 × 4 Dark Bluish Gray
- **1×** 1 × 8 Dark Bluish Gray
- **1×** 1 × 6 Dark Bluish Gray
- **5×** 2 × 2 Dark Bluish Gray
- **1×** 1 × 4 Dark Bluish Gray
- **4×** 1 × 2 Dark Bluish Gray
- **2×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 8 Medium Nougat
- **2×** 1 × 3 Medium Nougat
- **4×** 1 × 2 Medium Nougat
- **4×** 1 × 1 Medium Nougat

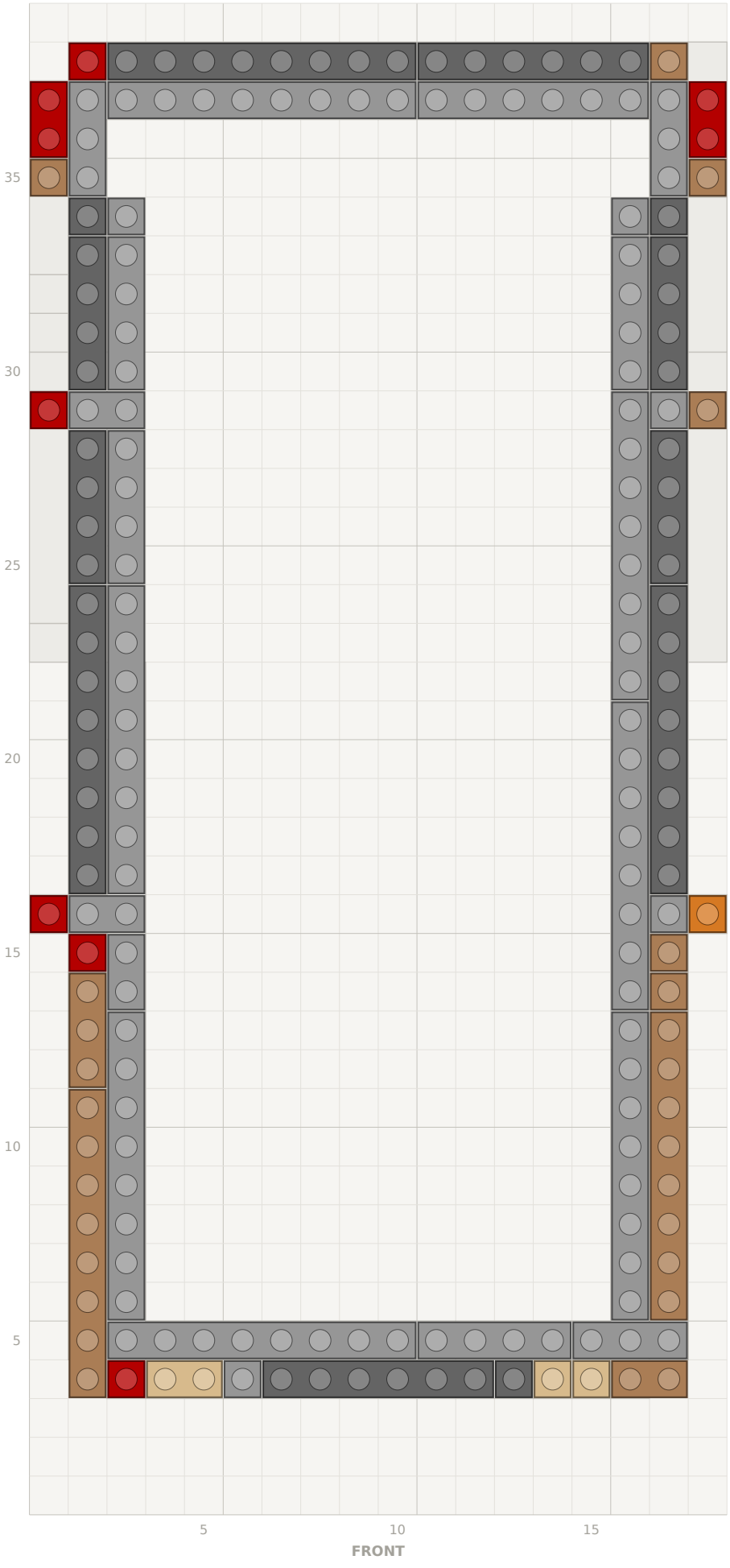
Layer 7 of 16 · 48 bricks



This layer

- **1×** 1 × 4 Red
- **1×** 1 × 3 Red
- **1×** 1 × 2 Red
- **3×** 1 × 1 Red
- **1×** 1 × 1 Orange
- **8×** 1 × 8 Light Bluish Gray
- **3×** 1 × 6 Light Bluish Gray
- **1×** 1 × 4 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **2×** 1 × 1 Light Bluish Gray
- **3×** 1 × 8 Dark Bluish Gray
- **4×** 1 × 6 Dark Bluish Gray
- **1×** 1 × 3 Dark Bluish Gray
- **2×** 1 × 2 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 8 Medium Nougat
- **1×** 1 × 6 Medium Nougat
- **1×** 1 × 4 Medium Nougat
- **7×** 1 × 1 Medium Nougat

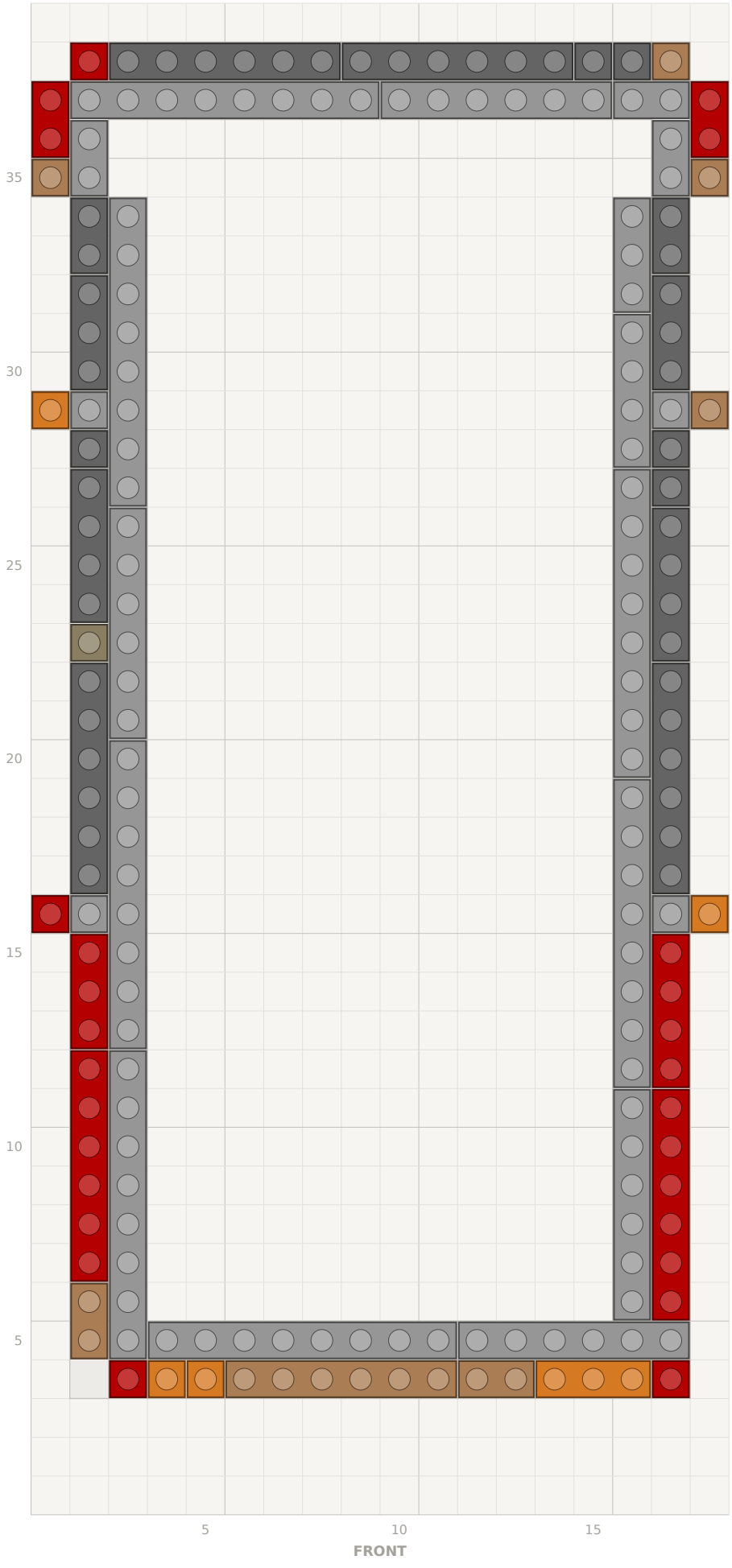
Layer 8 of 16 · 56 bricks



This layer

- **2×** 1 × 2 Red
- **5×** 1 × 1 Red
- **1×** 1 × 1 Orange
- **1×** 1 × 2 Tan
- **2×** 1 × 1 Tan
- **7×** 1 × 8 Light Bluish Gray
- **1×** 1 × 6 Light Bluish Gray
- **4×** 1 × 4 Light Bluish Gray
- **3×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **5×** 1 × 1 Light Bluish Gray
- **3×** 1 × 8 Dark Bluish Gray
- **2×** 1 × 6 Dark Bluish Gray
- **4×** 1 × 4 Dark Bluish Gray
- **3×** 1 × 1 Dark Bluish Gray
- **2×** 1 × 8 Medium Nougat
- **1×** 1 × 3 Medium Nougat
- **1×** 1 × 2 Medium Nougat
- **6×** 1 × 1 Medium Nougat

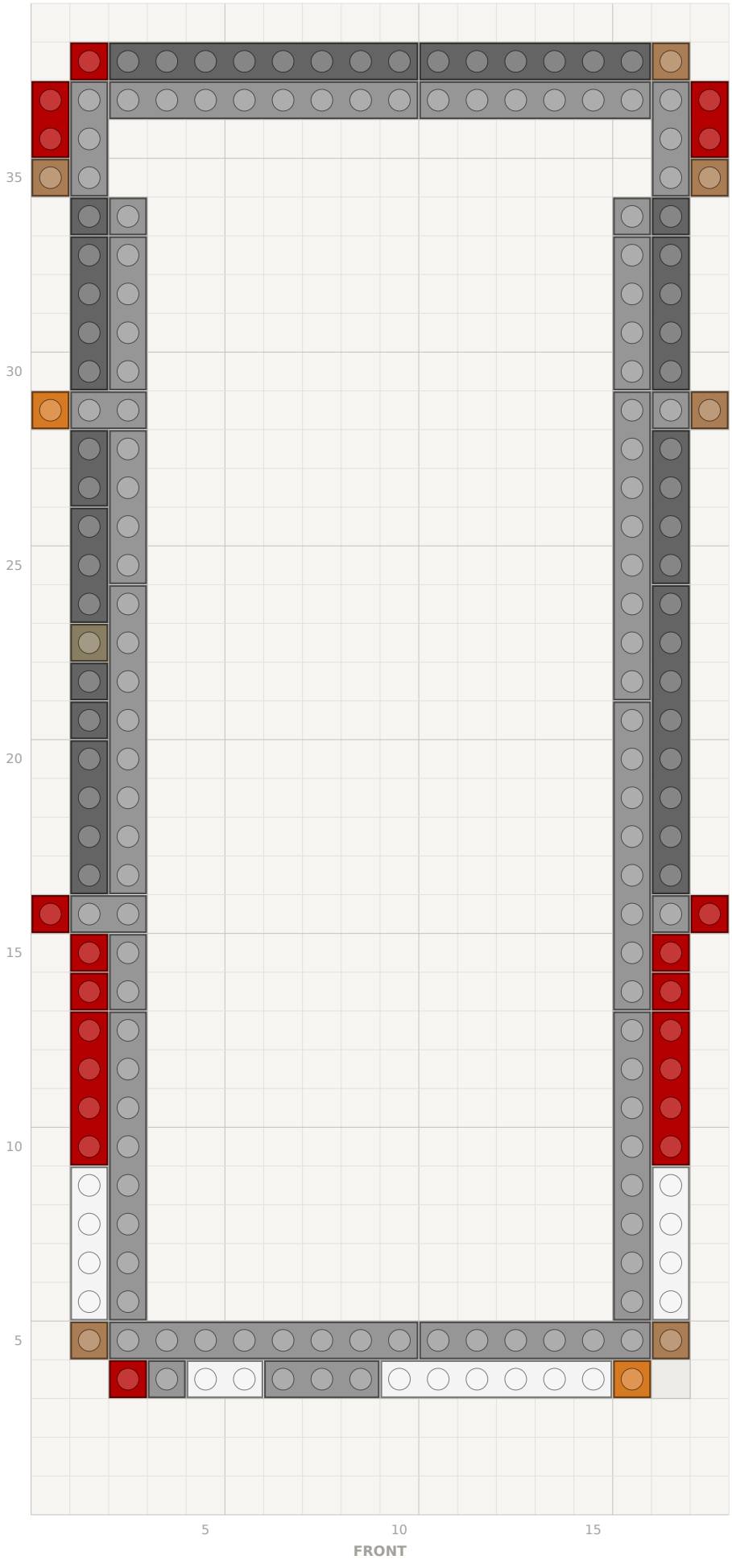
Layer 9 of 16 · 58 bricks



This layer

- **2×** 1 × 6 Red
- **1×** 1 × 4 Red
- **1×** 1 × 3 Red
- **2×** 1 × 2 Red
- **4×** 1 × 1 Red
- **1×** 1 × 3 Orange
- **4×** 1 × 1 Orange
- **1×** 1 × 1 Dark Tan
- **7×** 1 × 8 Light Bluish Gray
- **4×** 1 × 6 Light Bluish Gray
- **1×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **4×** 1 × 1 Light Bluish Gray
- **4×** 1 × 6 Dark Bluish Gray
- **2×** 1 × 4 Dark Bluish Gray
- **2×** 1 × 3 Dark Bluish Gray
- **2×** 1 × 2 Dark Bluish Gray
- **5×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 6 Medium Nougat
- **2×** 1 × 2 Medium Nougat
- **4×** 1 × 1 Medium Nougat

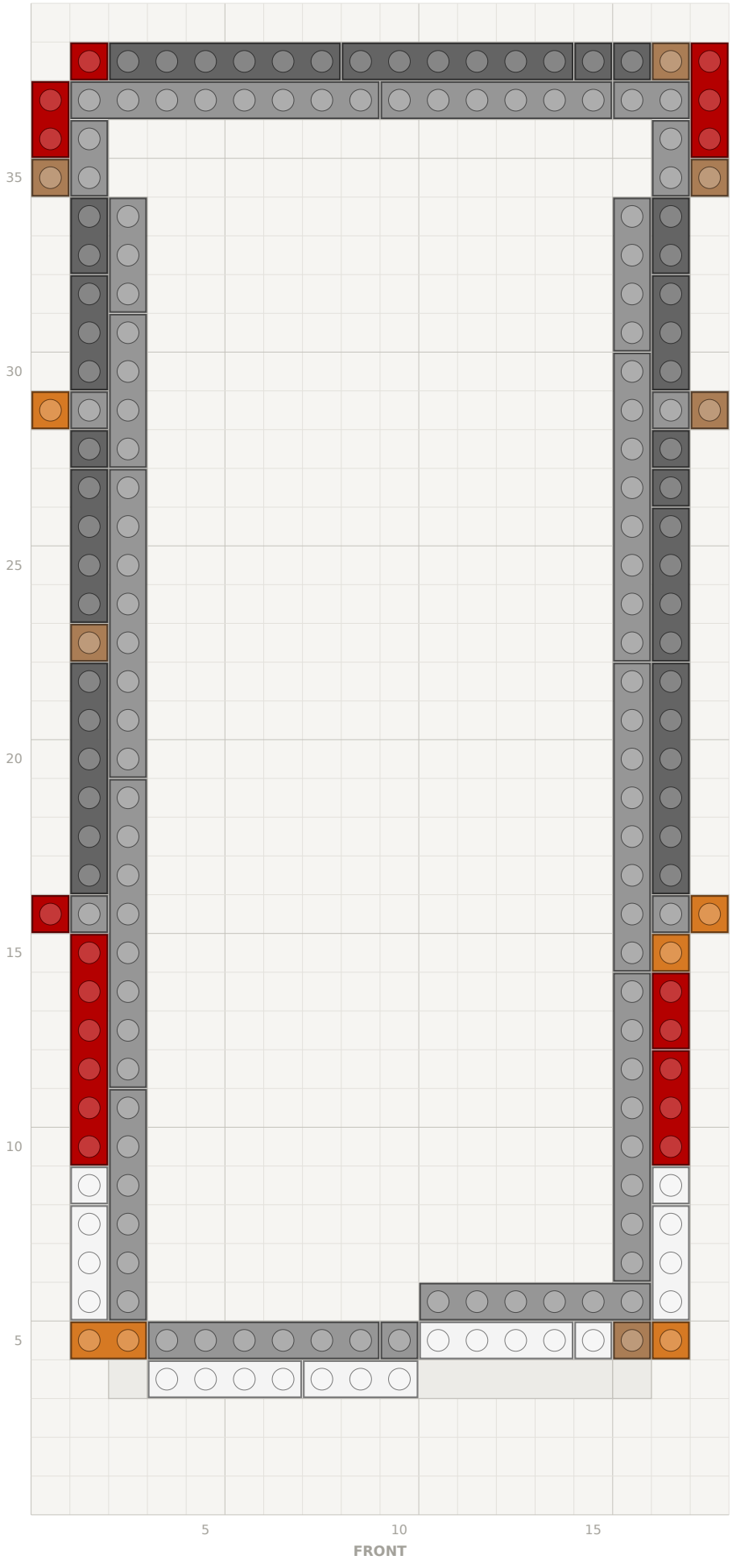
Layer 10 of 16 · 61 bricks



This layer

- **1×** 1 × 6 White
- **2×** 1 × 4 White
- **1×** 1 × 2 White
- **2×** 1 × 4 Red
- **2×** 1 × 2 Red
- **8×** 1 × 1 Red
- **2×** 1 × 1 Orange
- **1×** 1 × 1 Dark Tan
- **7×** 1 × 8 Light Bluish Gray
- **2×** 1 × 6 Light Bluish Gray
- **3×** 1 × 4 Light Bluish Gray
- **3×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **5×** 1 × 1 Light Bluish Gray
- **2×** 1 × 8 Dark Bluish Gray
- **1×** 1 × 6 Dark Bluish Gray
- **4×** 1 × 4 Dark Bluish Gray
- **1×** 1 × 3 Dark Bluish Gray
- **1×** 1 × 2 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray
- **6×** 1 × 1 Medium Nougat

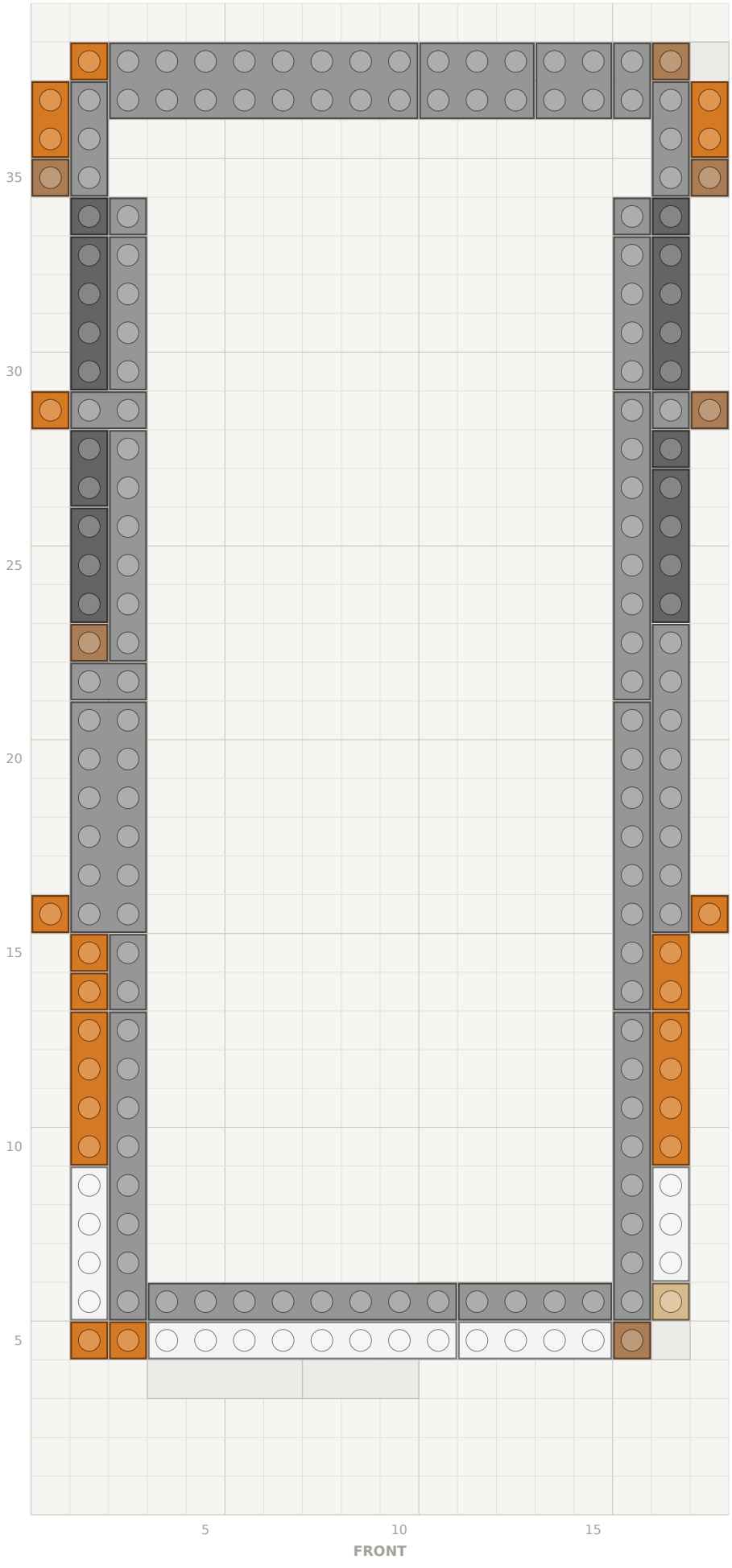
Layer 11 of 16 · 62 bricks



This layer

- **2×** 1 × 4 White
- **3×** 1 × 3 White
- **3×** 1 × 1 White
- **1×** 1 × 6 Red
- **2×** 1 × 3 Red
- **2×** 1 × 2 Red
- **2×** 1 × 1 Red
- **1×** 1 × 2 Orange
- **4×** 1 × 1 Orange
- **6×** 1 × 8 Light Bluish Gray
- **4×** 1 × 6 Light Bluish Gray
- **2×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **5×** 1 × 1 Light Bluish Gray
- **4×** 1 × 6 Dark Bluish Gray
- **2×** 1 × 4 Dark Bluish Gray
- **2×** 1 × 3 Dark Bluish Gray
- **2×** 1 × 2 Dark Bluish Gray
- **5×** 1 × 1 Dark Bluish Gray
- **6×** 1 × 1 Medium Nougat

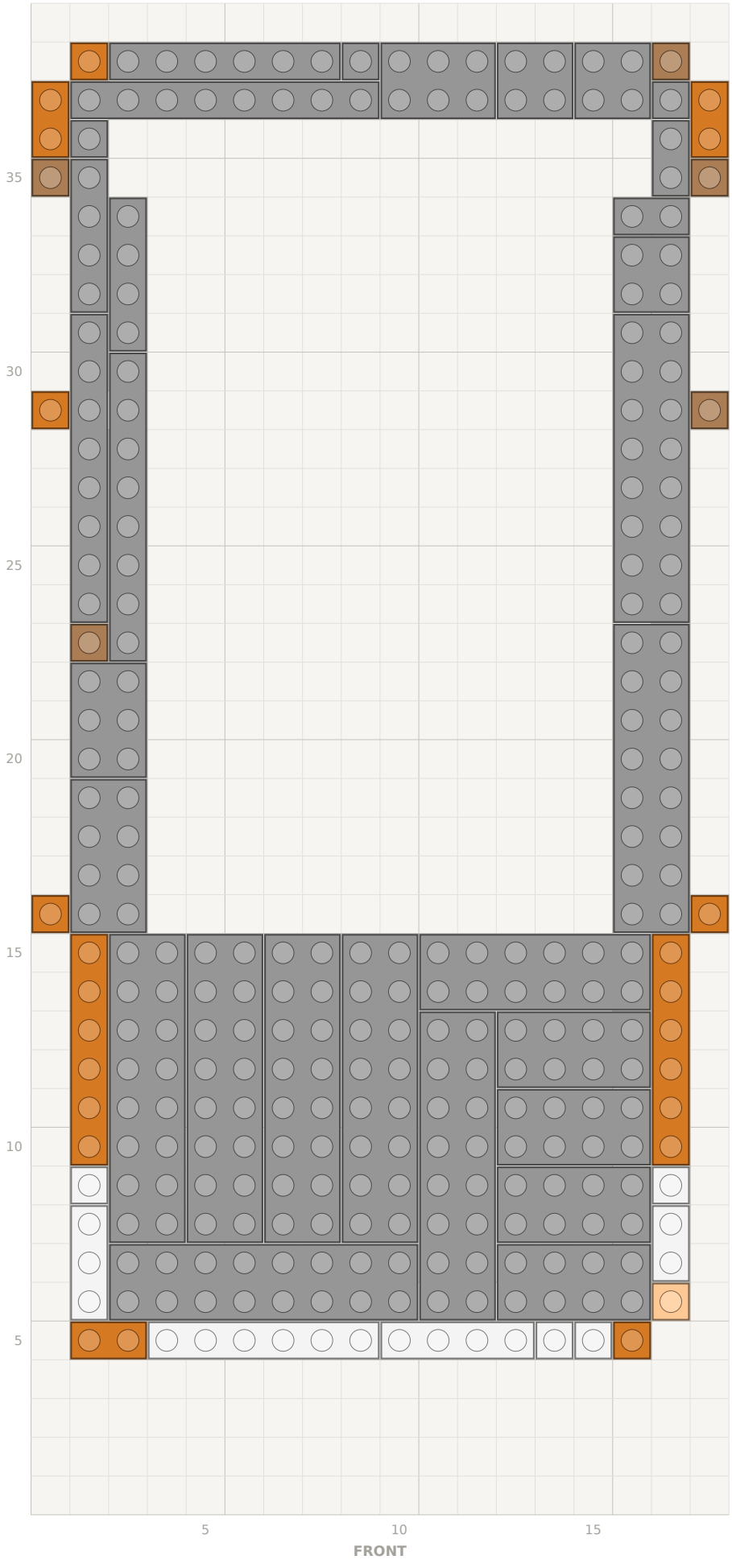
Layer 12 of 16 · 55 bricks



This layer

- **1×** 1 × 8 White
- **2×** 1 × 4 White
- **1×** 1 × 3 White
- **2×** 1 × 4 Orange
- **3×** 1 × 2 Orange
- **8×** 1 × 1 Orange
- **1×** 1 × 1 Tan
- **1×** 2 × 8 Light Bluish Gray
- **1×** 2 × 6 Light Bluish Gray
- **6×** 1 × 8 Light Bluish Gray
- **1×** 2 × 3 Light Bluish Gray
- **1×** 1 × 6 Light Bluish Gray
- **1×** 2 × 2 Light Bluish Gray
- **3×** 1 × 4 Light Bluish Gray
- **2×** 1 × 3 Light Bluish Gray
- **4×** 1 × 2 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **3×** 1 × 4 Dark Bluish Gray
- **1×** 1 × 3 Dark Bluish Gray
- **1×** 1 × 2 Dark Bluish Gray
- **3×** 1 × 1 Dark Bluish Gray
- **6×** 1 × 1 Medium Nougat

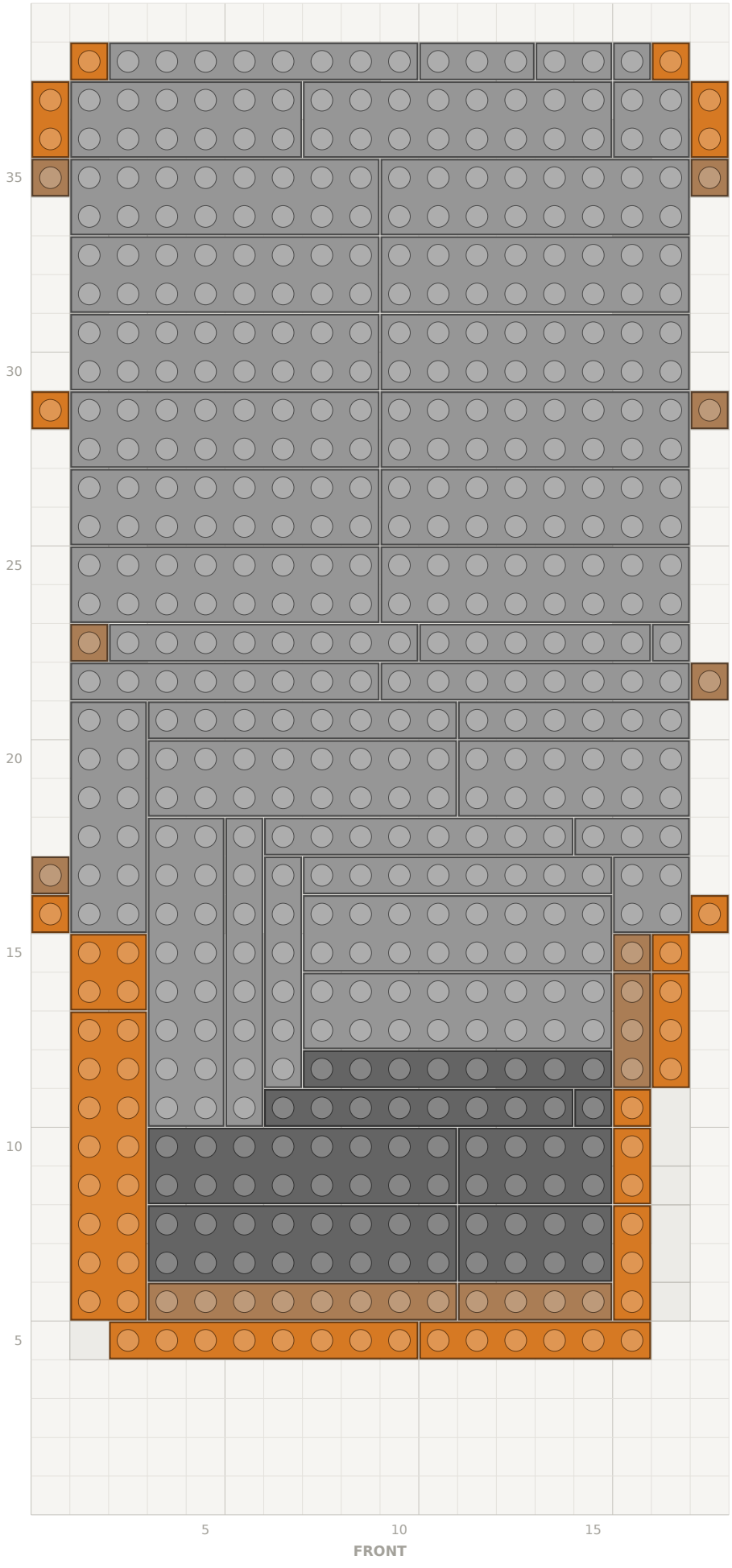
Layer 13 of 16 · 54 bricks



This layer

- **1×** 1 × 6 White
- **1×** 1 × 4 White
- **1×** 1 × 3 White
- **1×** 1 × 2 White
- **4×** 1 × 1 White
- **2×** 1 × 6 Orange
- **3×** 1 × 2 Orange
- **5×** 1 × 1 Orange
- **8×** 2 × 8 Light Bluish Gray
- **1×** 2 × 6 Light Bluish Gray
- **5×** 2 × 4 Light Bluish Gray
- **3×** 1 × 8 Light Bluish Gray
- **2×** 2 × 3 Light Bluish Gray
- **1×** 1 × 6 Light Bluish Gray
- **3×** 2 × 2 Light Bluish Gray
- **2×** 1 × 4 Light Bluish Gray
- **2×** 1 × 2 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **5×** 1 × 1 Medium Nougat
- **1×** 1 × 1 Light Nougat

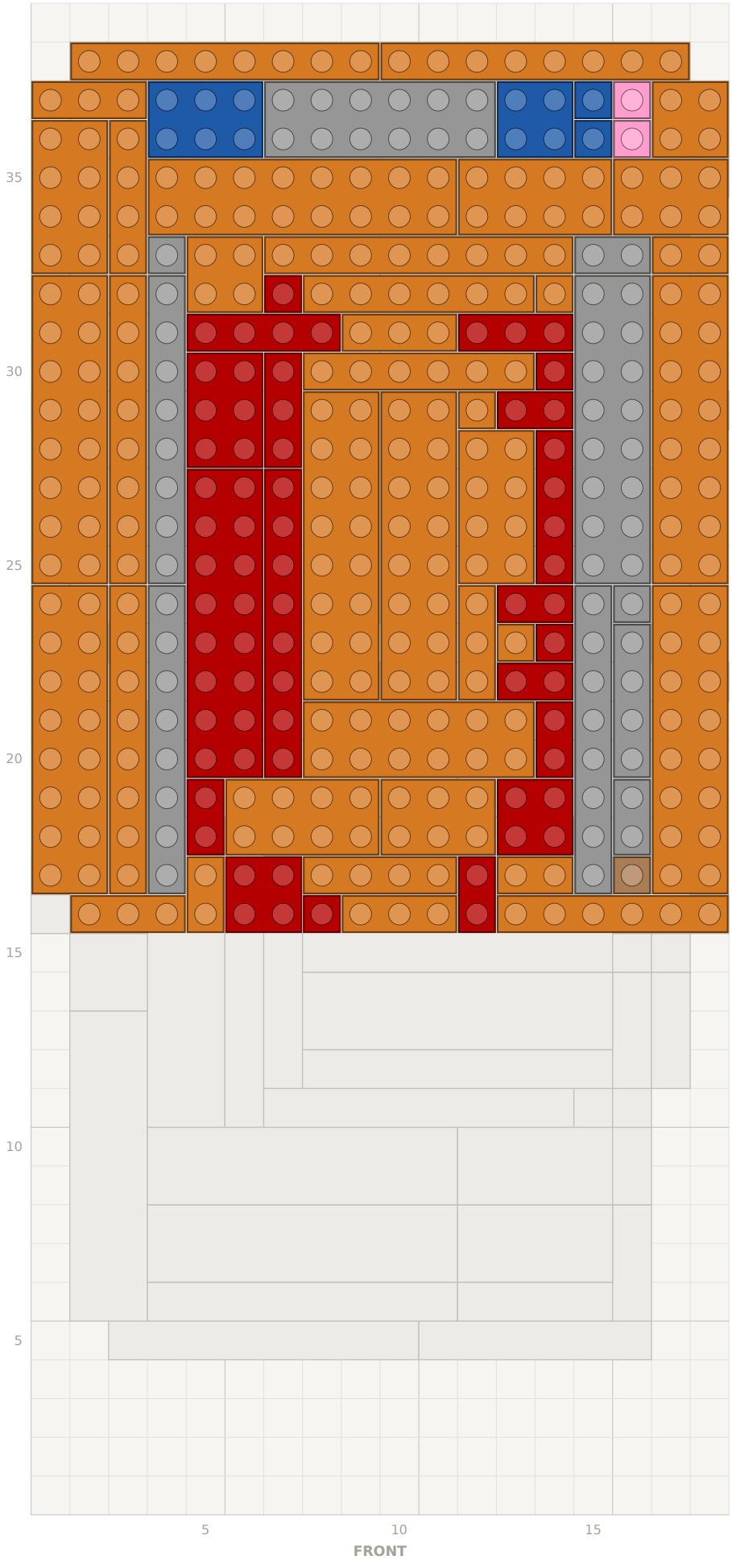
Layer 14 of 16 · 71 bricks



This layer

- **1×** 2 × 8 Orange
- **1×** 1 × 8 Orange
- **1×** 1 × 6 Orange
- **1×** 2 × 2 Orange
- **2×** 1 × 3 Orange
- **3×** 1 × 2 Orange
- **7×** 1 × 1 Orange
- **17×** 2 × 8 Light Bluish Gray
- **3×** 2 × 6 Light Bluish Gray
- **8×** 1 × 8 Light Bluish Gray
- **3×** 1 × 6 Light Bluish Gray
- **2×** 2 × 2 Light Bluish Gray
- **2×** 1 × 3 Light Bluish Gray
- **1×** 1 × 2 Light Bluish Gray
- **2×** 1 × 1 Light Bluish Gray
- **2×** 2 × 8 Dark Bluish Gray
- **2×** 2 × 4 Dark Bluish Gray
- **2×** 1 × 8 Dark Bluish Gray
- **1×** 1 × 1 Dark Bluish Gray
- **1×** 1 × 8 Medium Nougat
- **1×** 1 × 4 Medium Nougat
- **1×** 1 × 3 Medium Nougat
- **7×** 1 × 1 Medium Nougat

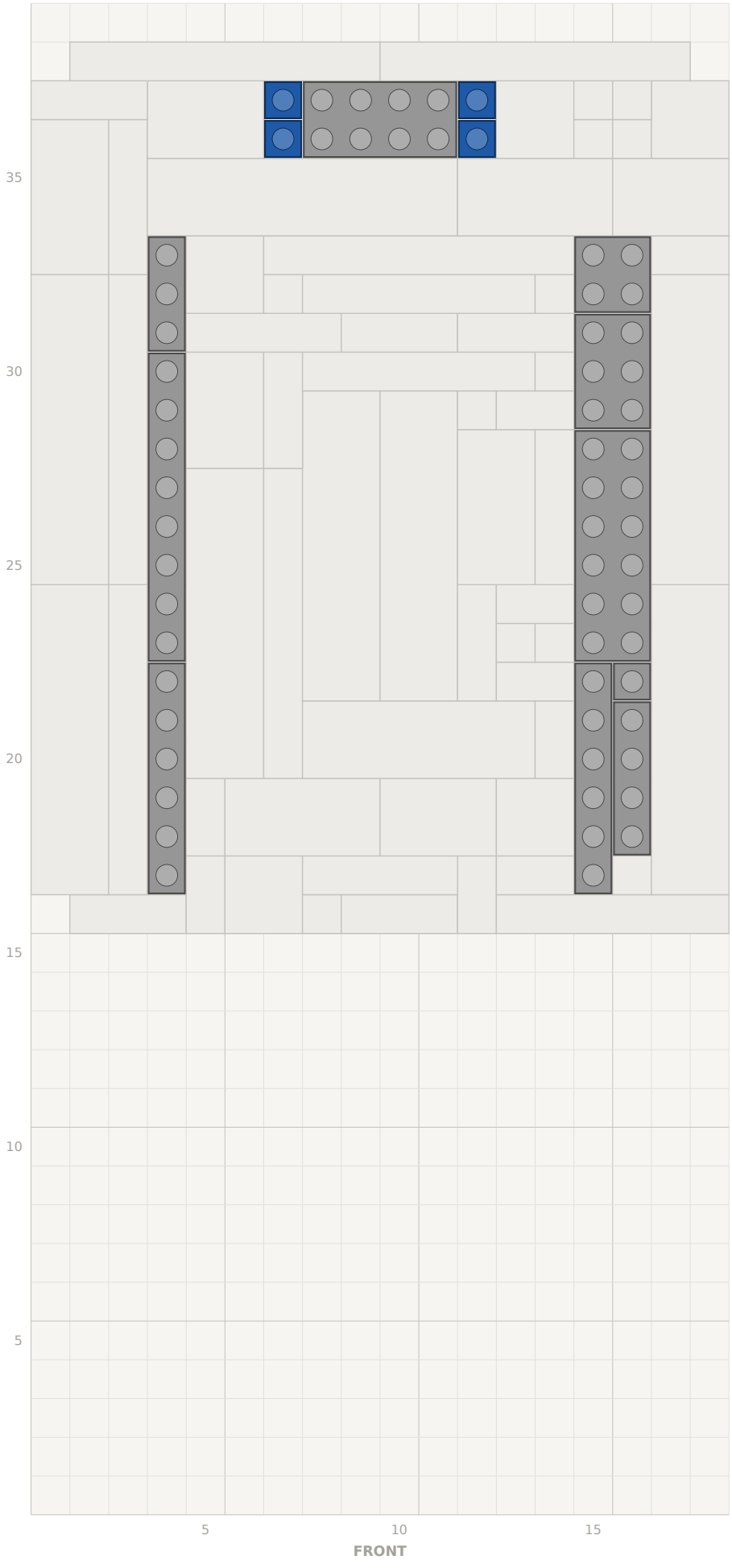
Layer 15 of 16 · 73 bricks



This layer

- **1×** 2 × 8 Red
- **1×** 1 × 8 Red
- **1×** 2 × 3 Red
- **2×** 2 × 2 Red
- **2×** 1 × 4 Red
- **2×** 1 × 3 Red
- **6×** 1 × 2 Red
- **4×** 1 × 1 Red
- **1×** 2 × 3 Blue
- **1×** 2 × 2 Blue
- **2×** 1 × 1 Blue
- **7×** 2 × 8 Orange
- **1×** 2 × 6 Orange
- **4×** 2 × 4 Orange
- **5×** 1 × 8 Orange
- **2×** 2 × 3 Orange
- **3×** 1 × 6 Orange
- **2×** 2 × 2 Orange
- **2×** 1 × 4 Orange
- **5×** 1 × 3 Orange
- **3×** 1 × 2 Orange
- **3×** 1 × 1 Orange
- **1×** 2 × 8 Light Bluish Gray
- **1×** 2 × 6 Light Bluish Gray
- **3×** 1 × 8 Light Bluish Gray
- **1×** 1 × 4 Light Bluish Gray
- **2×** 1 × 2 Light Bluish Gray
- **2×** 1 × 1 Light Bluish Gray
- **2×** 1 × 1 Bright Pink
- **1×** 1 × 1 Medium Nougat

Layer 16 of 16 · 14 bricks



This layer

- **4×** 1 × 1 Blue
- **1×** 2 × 6 Light Bluish Gray
- **1×** 2 × 4 Light Bluish Gray
- **1×** 1 × 8 Light Bluish Gray
- **1×** 2 × 3 Light Bluish Gray
- **2×** 1 × 6 Light Bluish Gray
- **1×** 2 × 2 Light Bluish Gray
- **1×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **1×** 1 × 1 Light Bluish Gray