

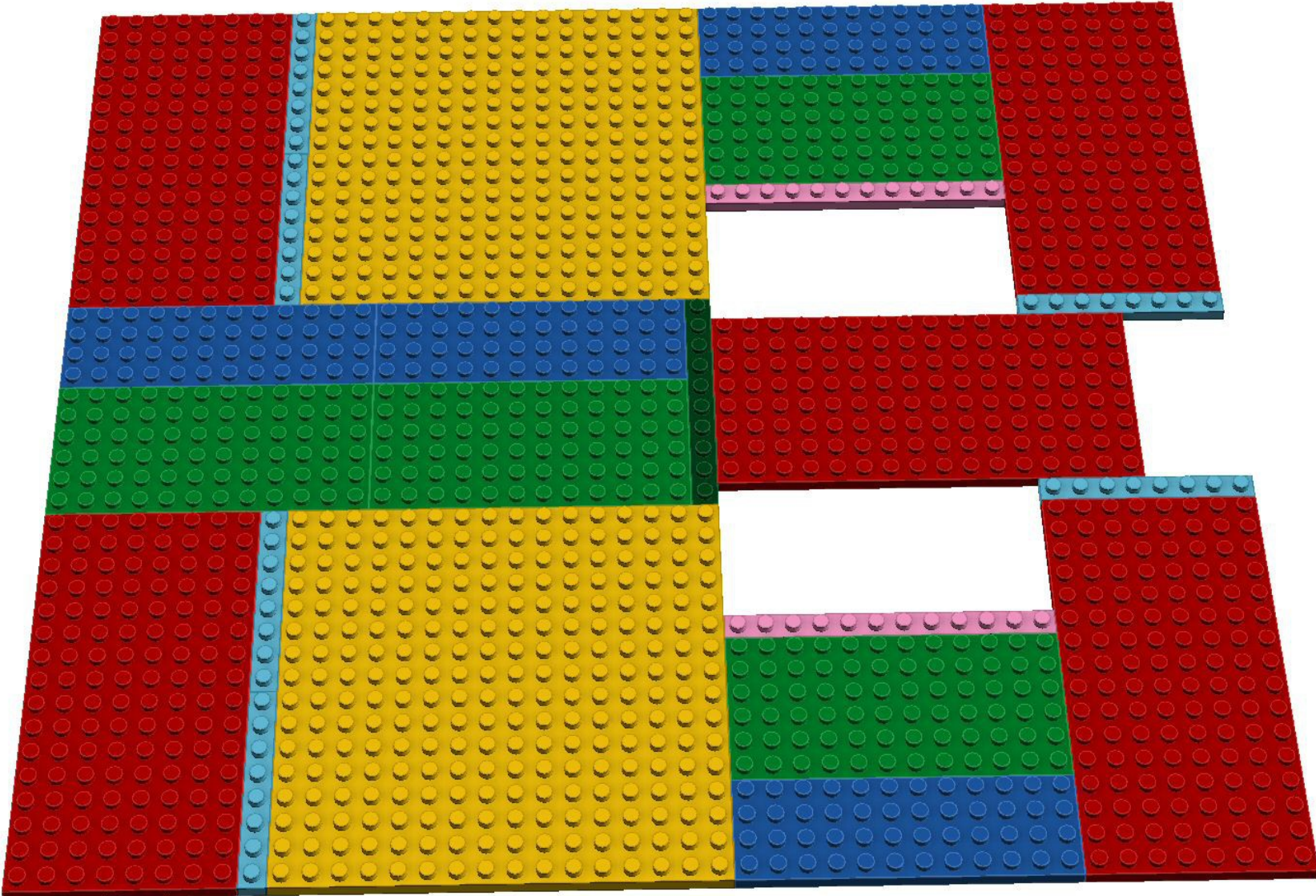
Instructions for the Space Shuttle Mobile Launch Platform (MLP) By Eiffleman © 2019

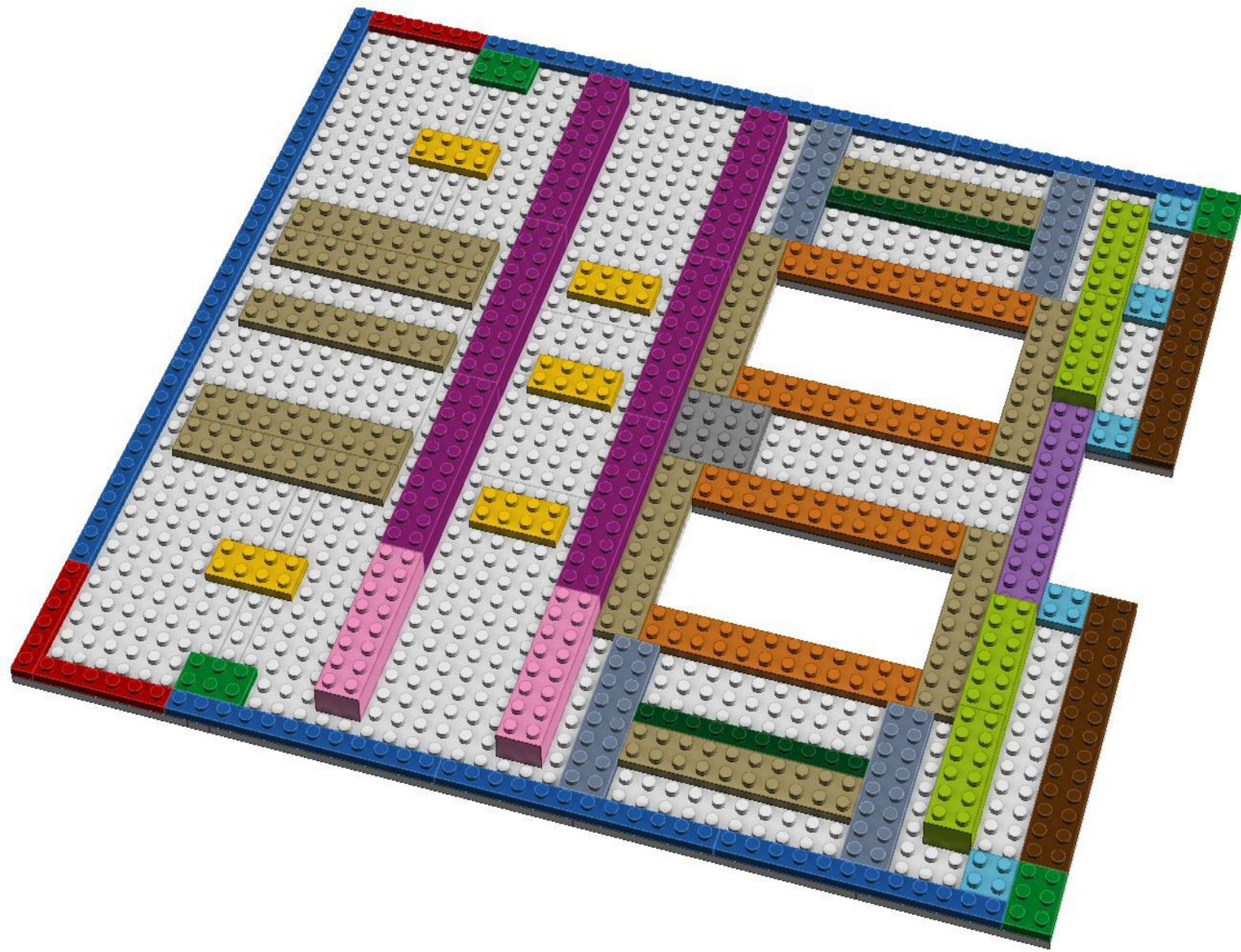


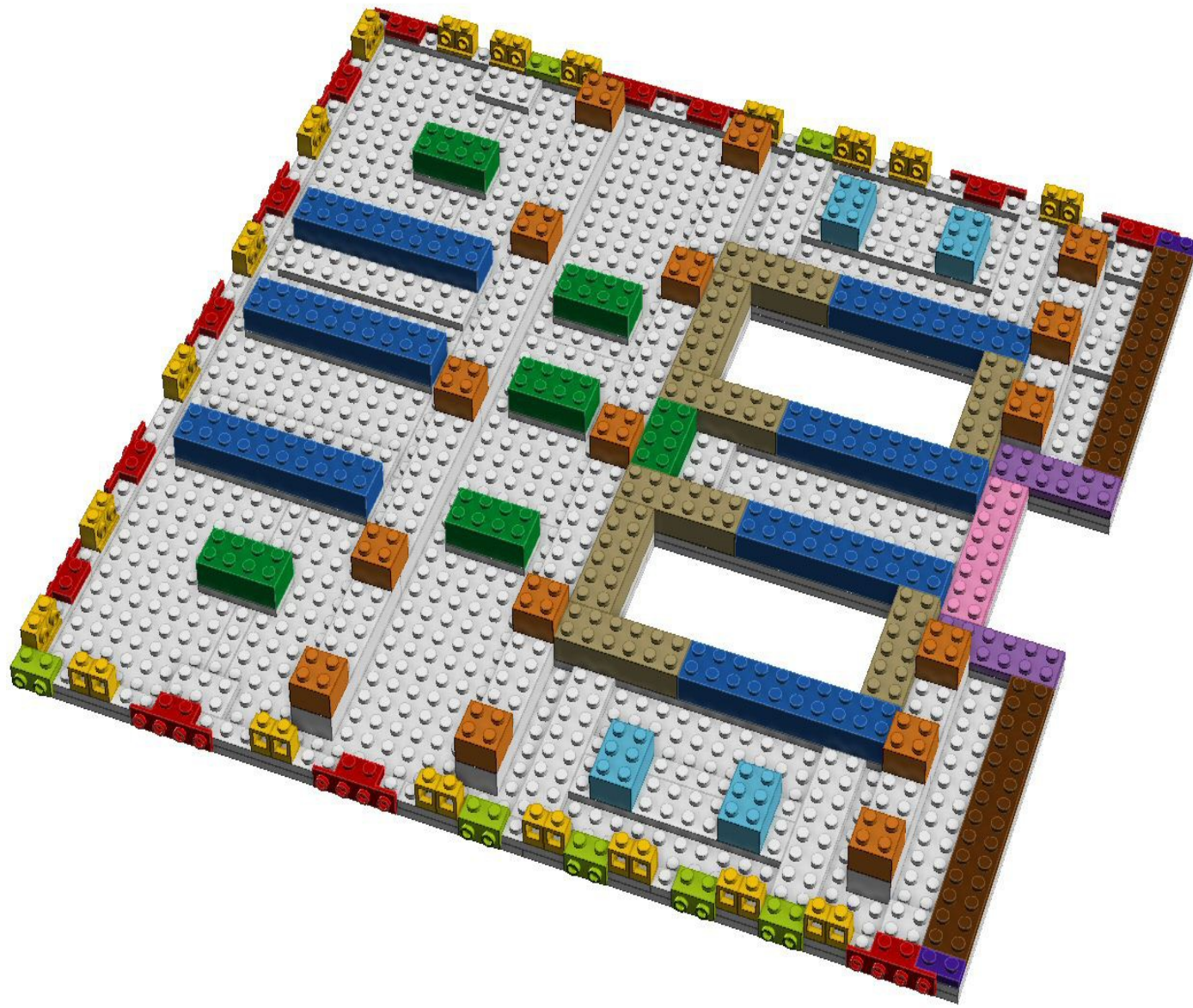
Note these instructions use a mix of a traditional format and a colour piece ID system.

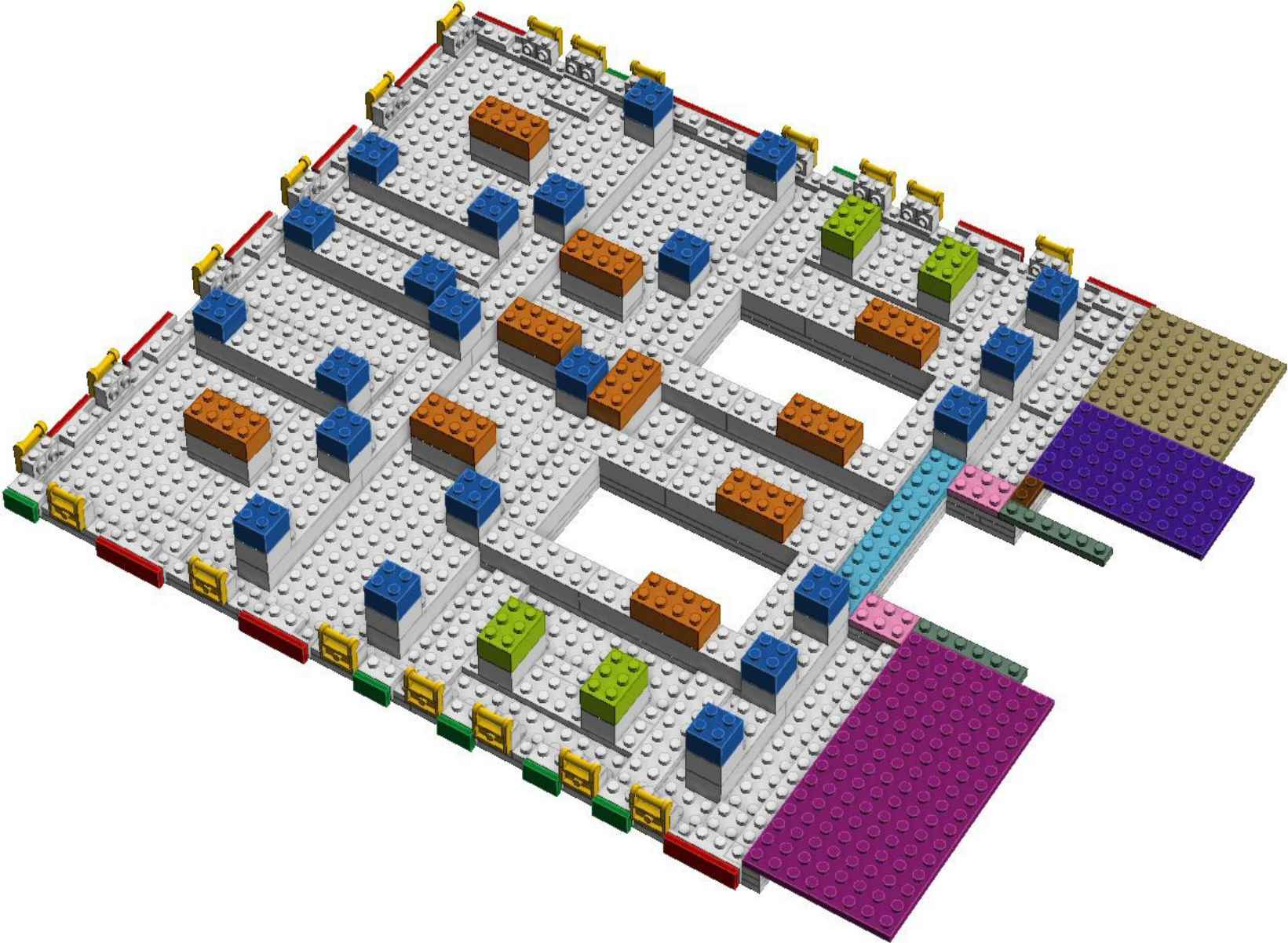
The colour ID system was needed to make these instructions manageable – the standard format does not lend itself well to large models especially when they are almost entirely one colour. The main piece colour used in this Build is Medium Blue Grey.

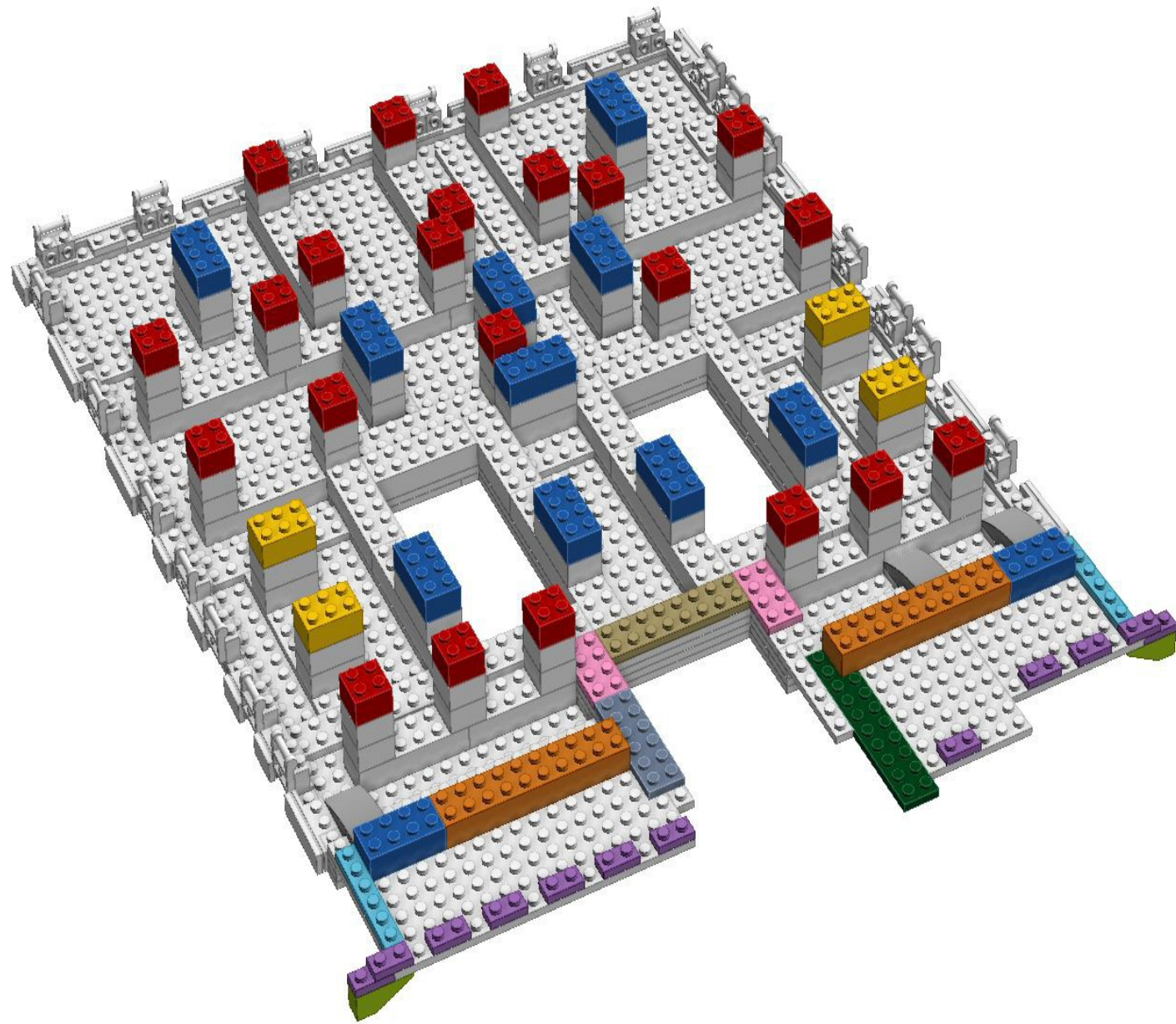
The colours chosen on each image are unique – this is a manual process and I needed to use colours for different pieces on different steps.

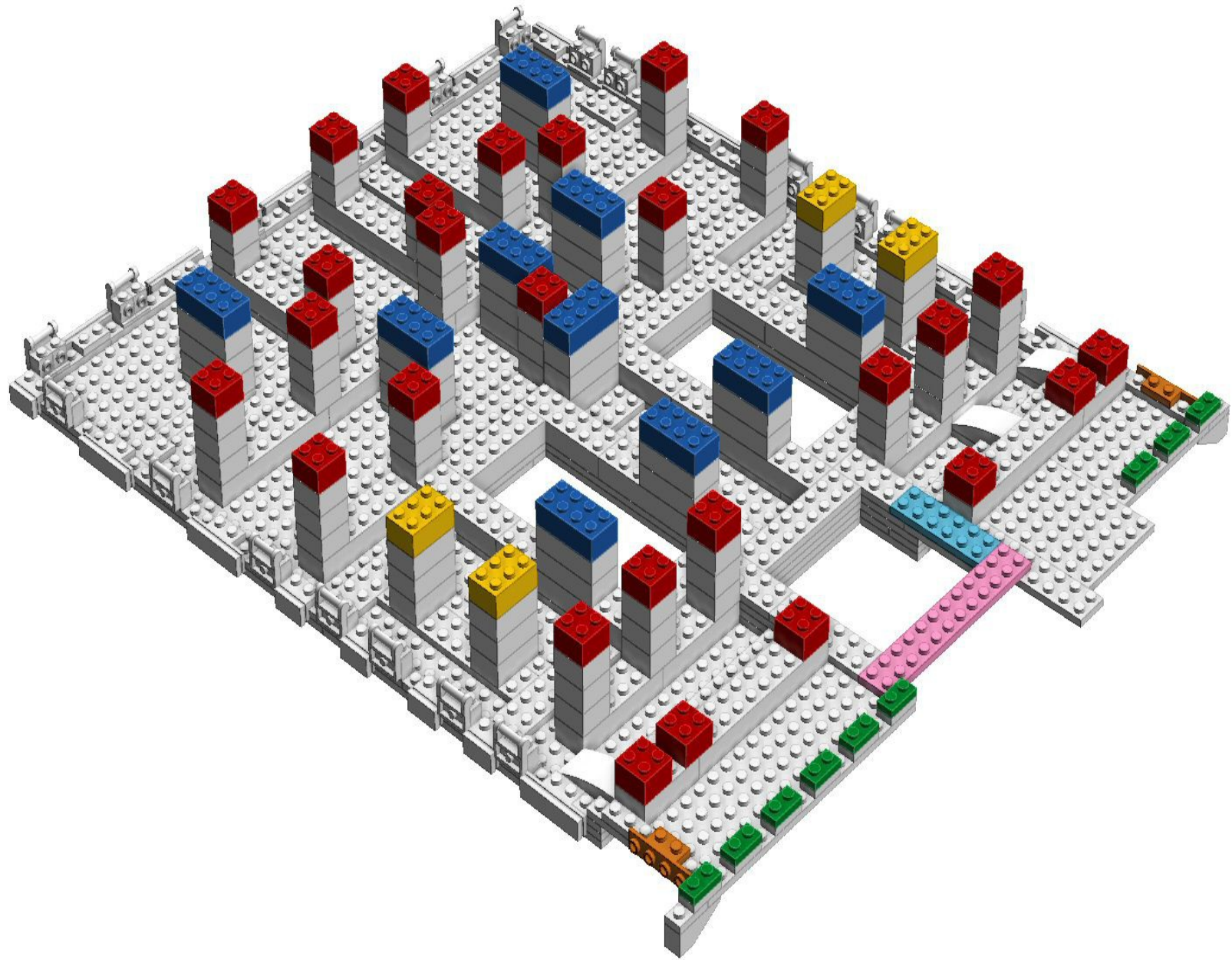


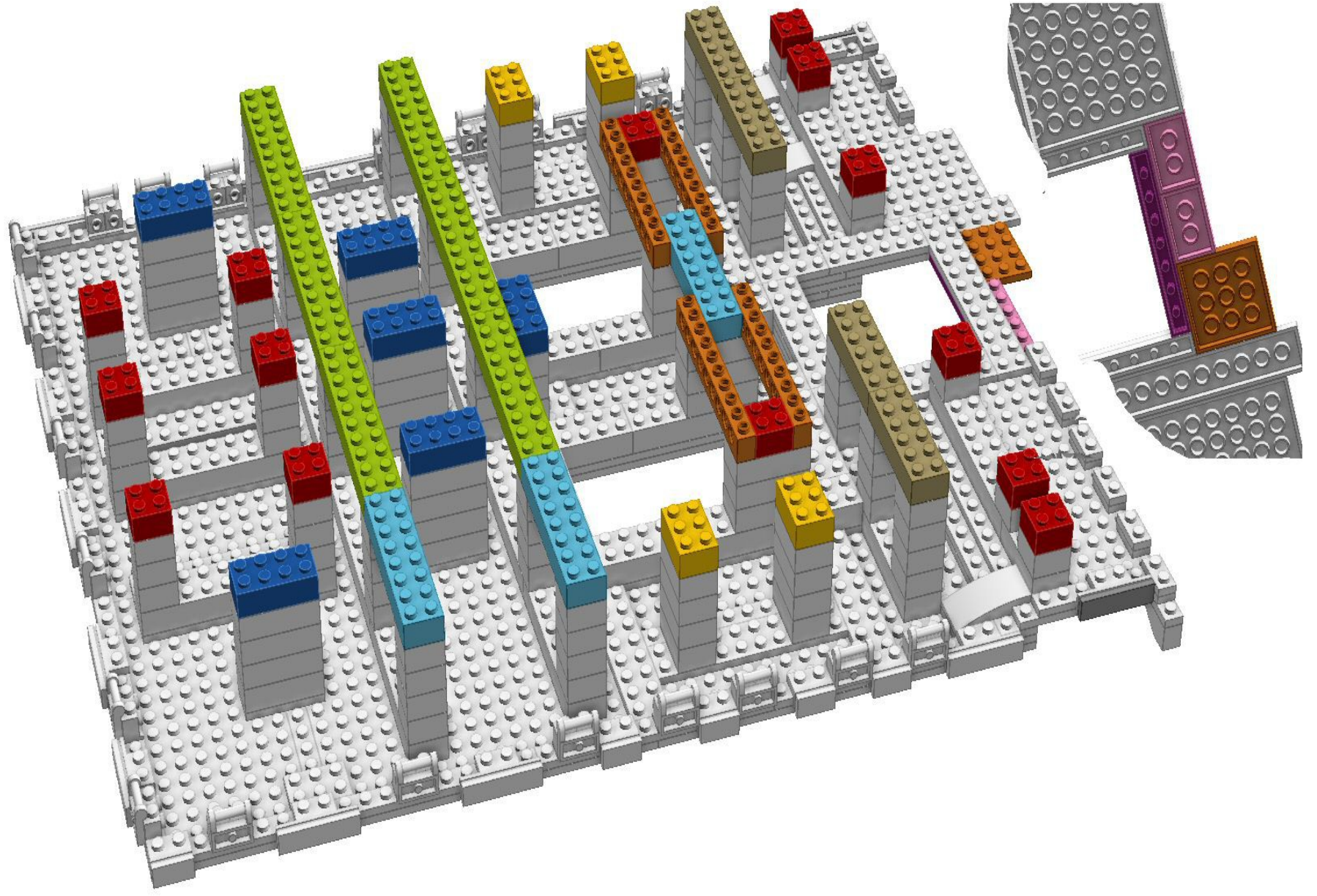


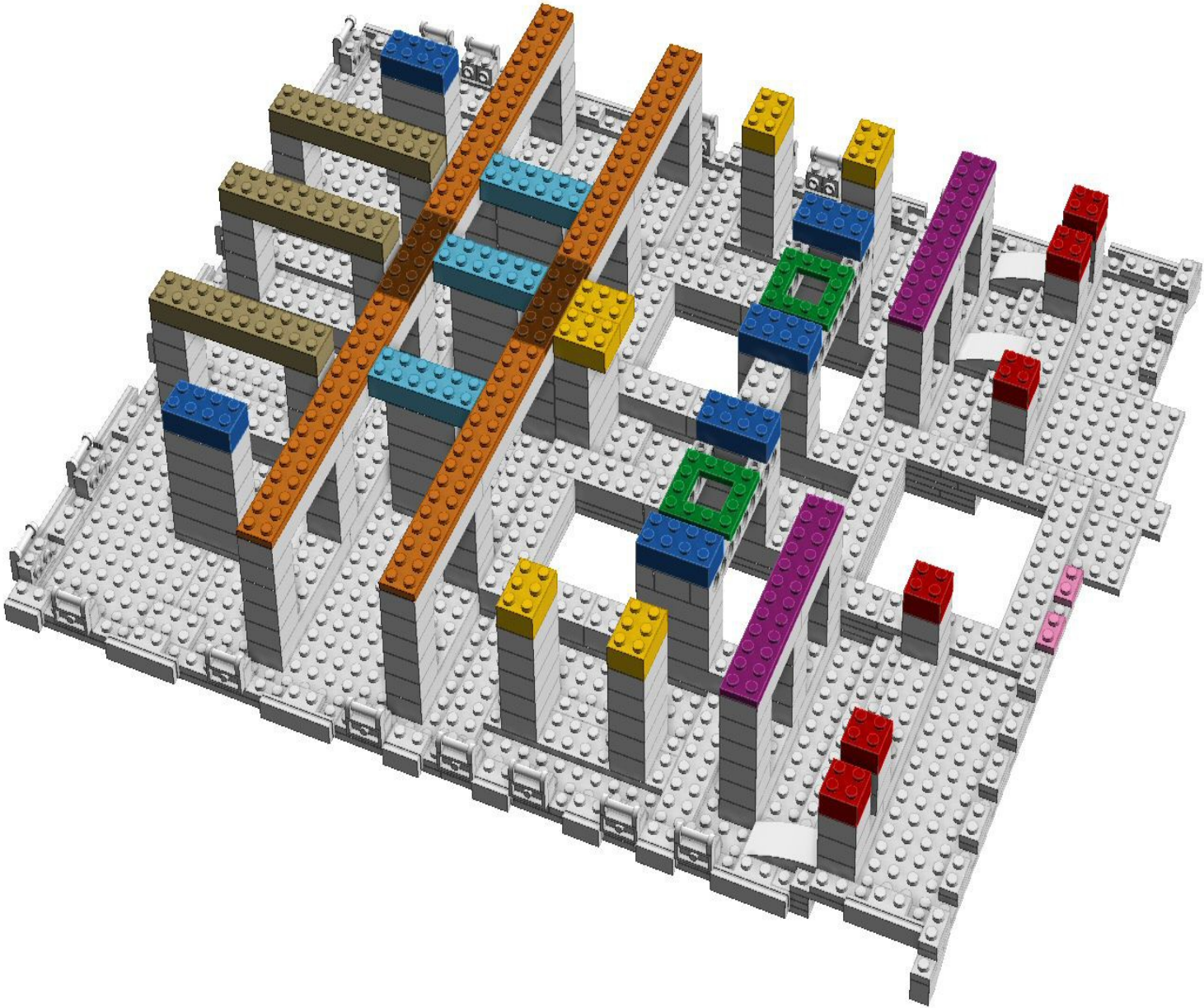


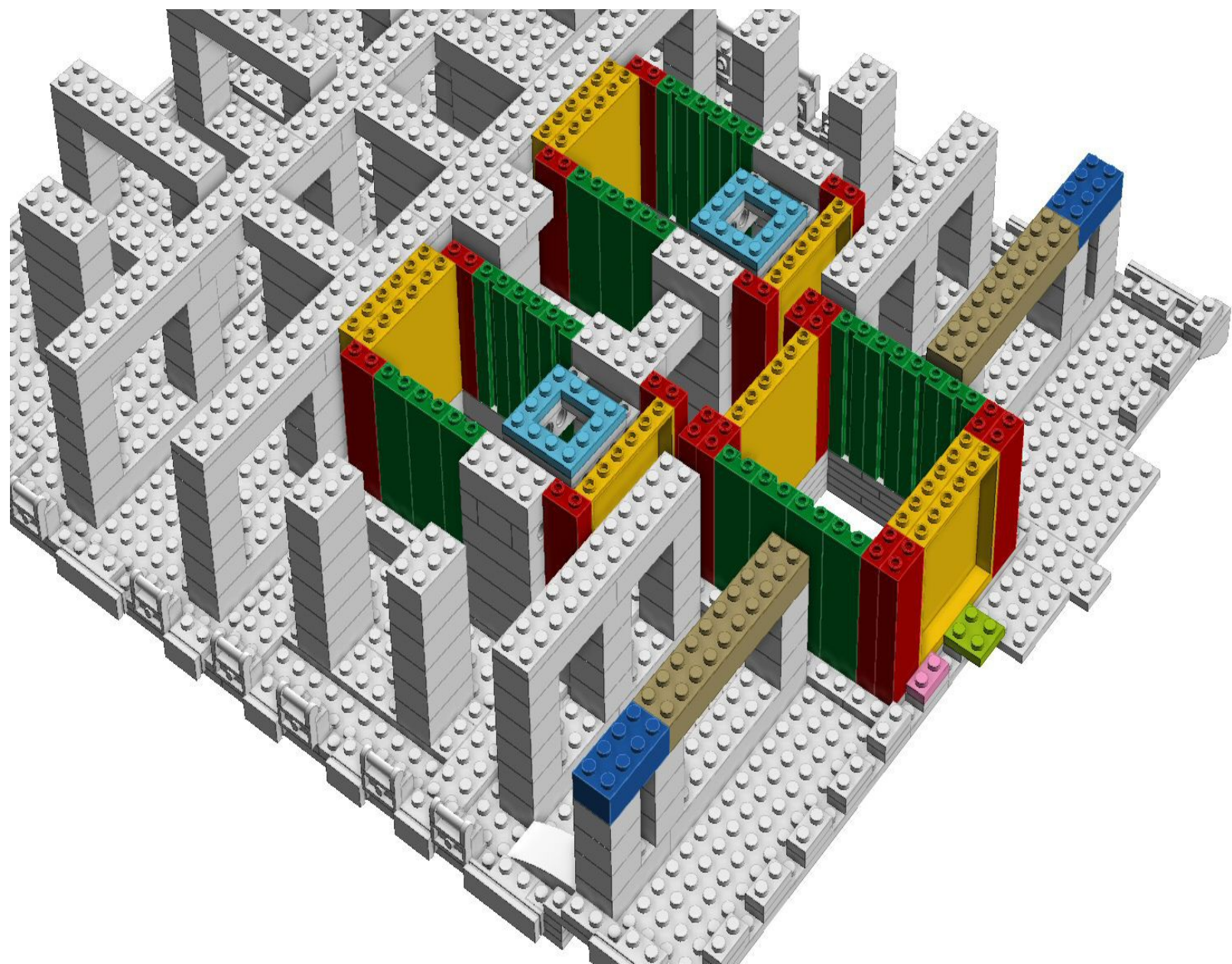


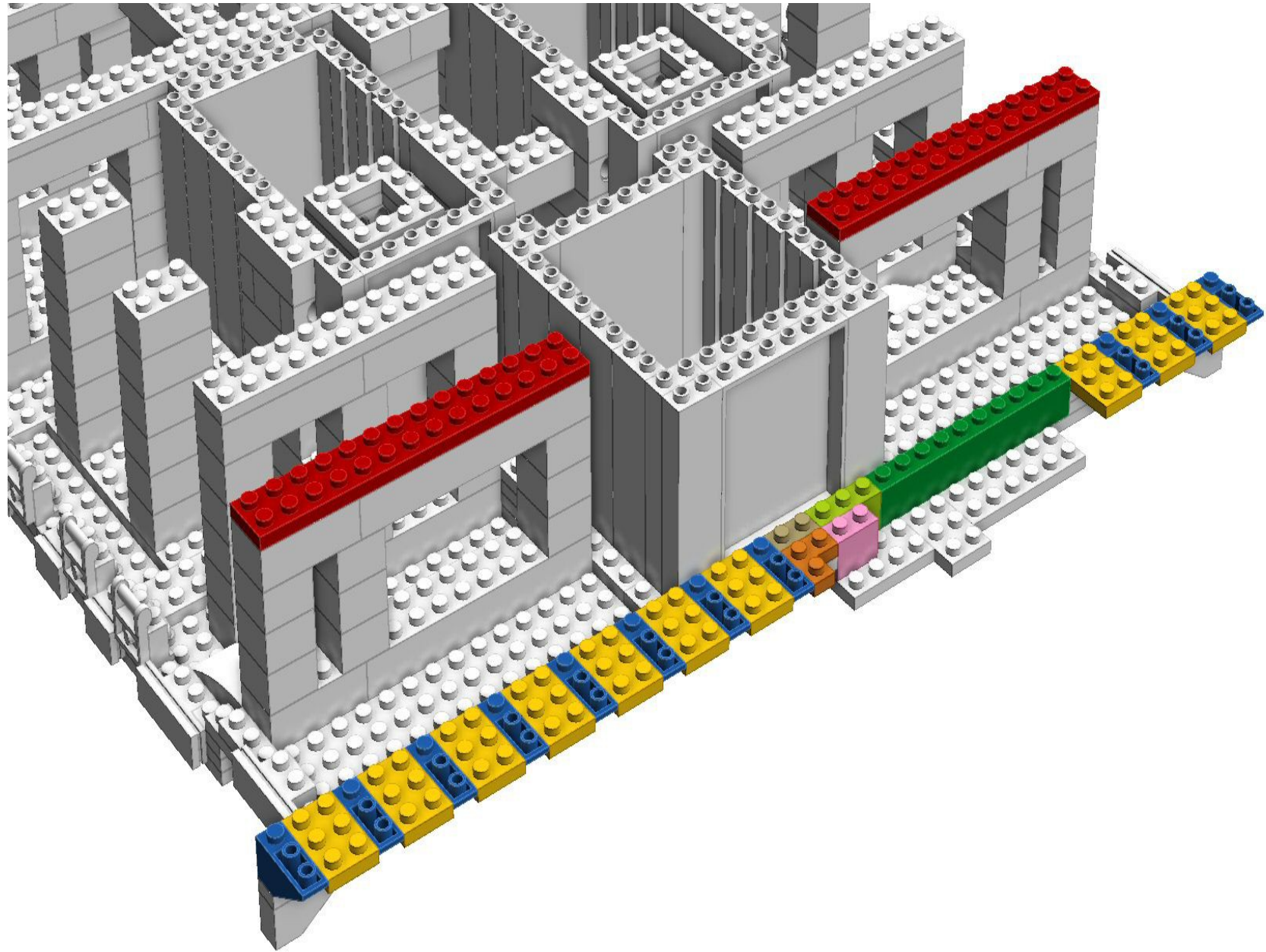






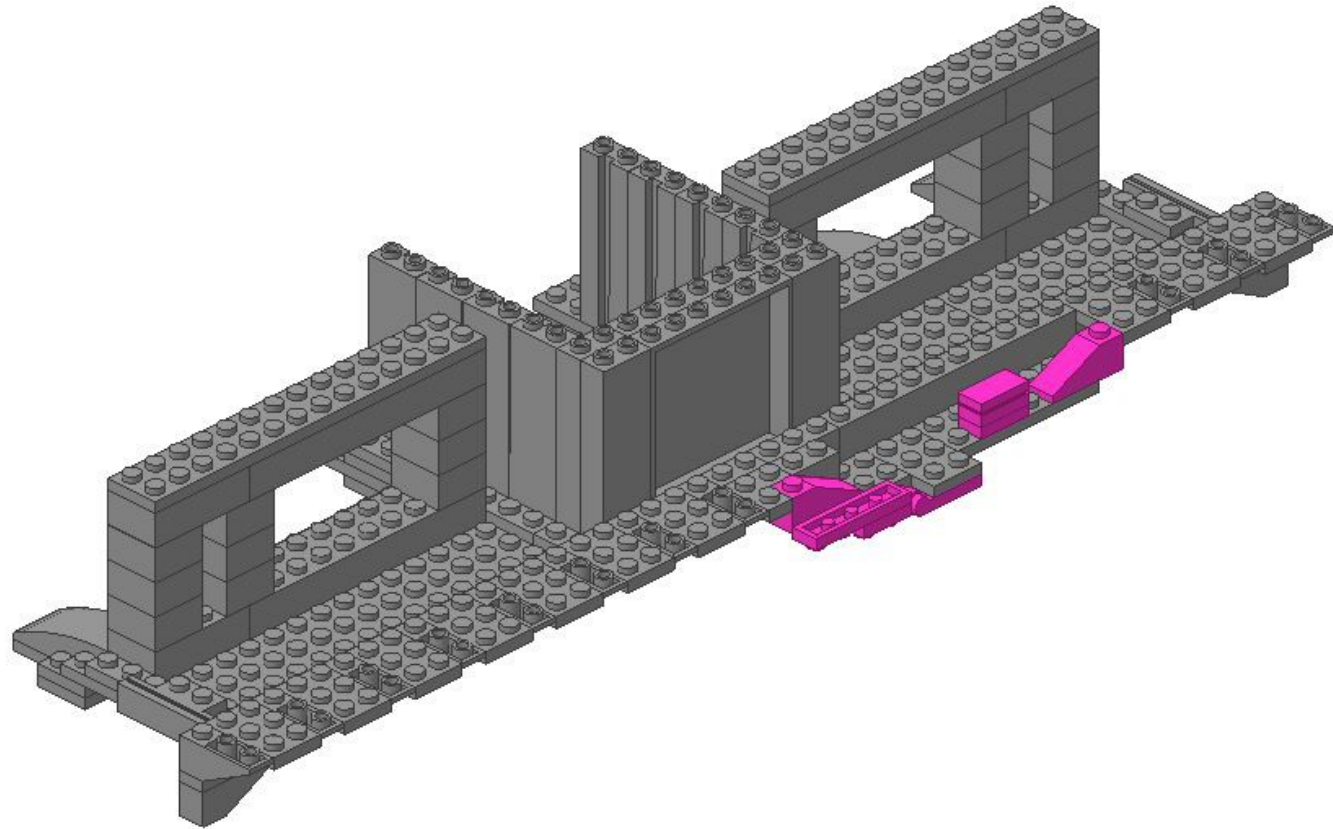




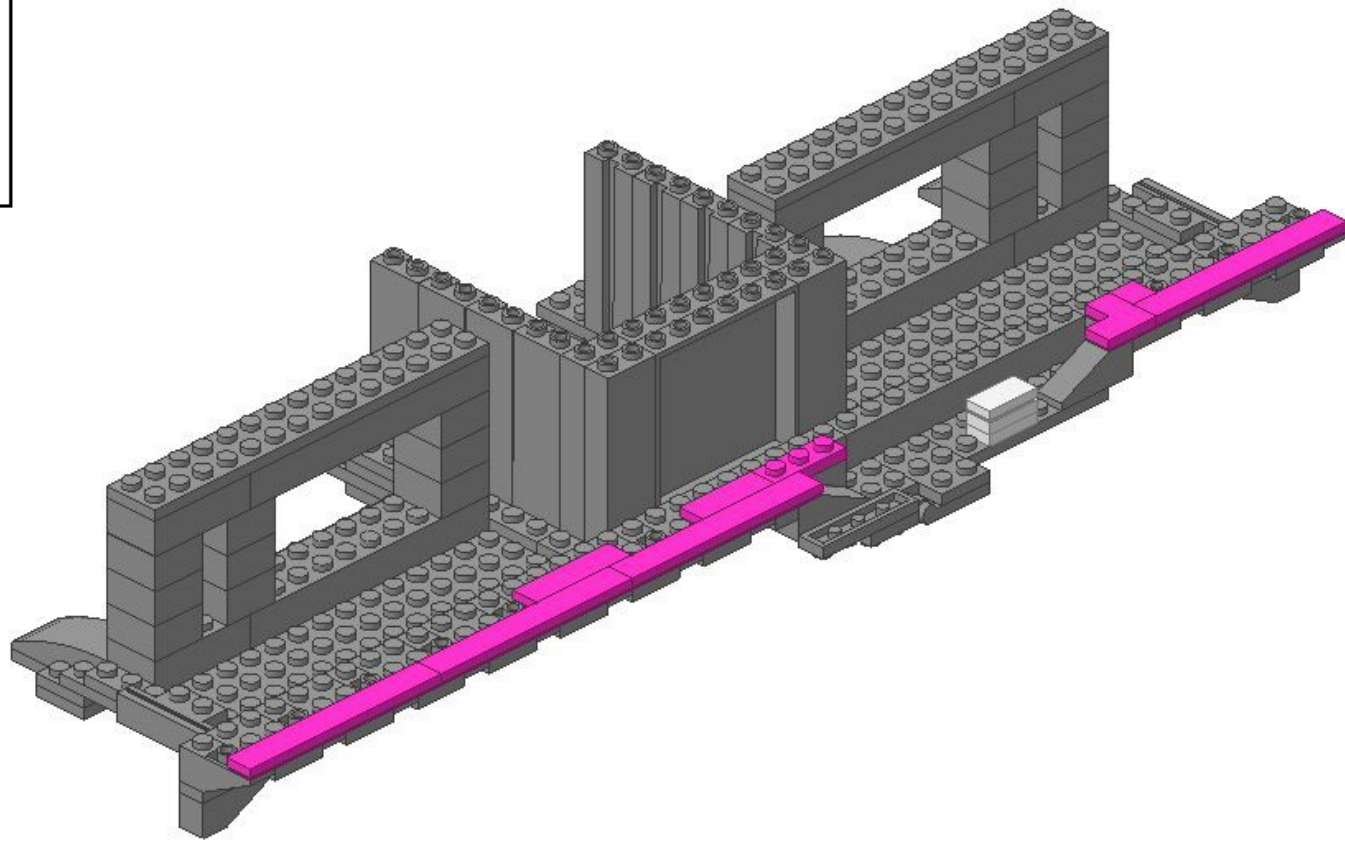
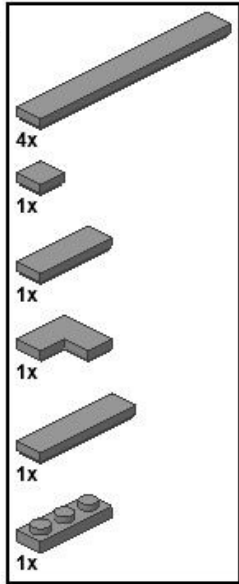


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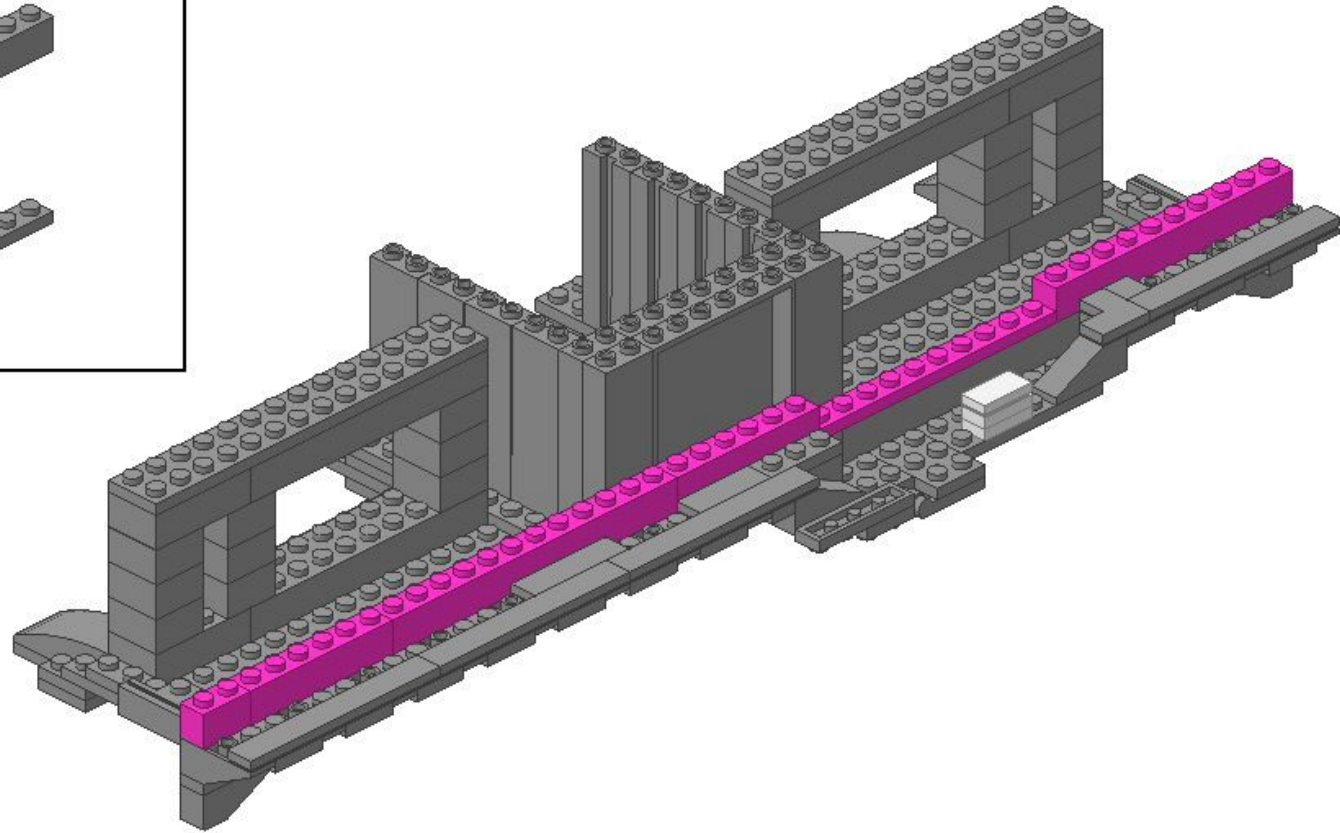
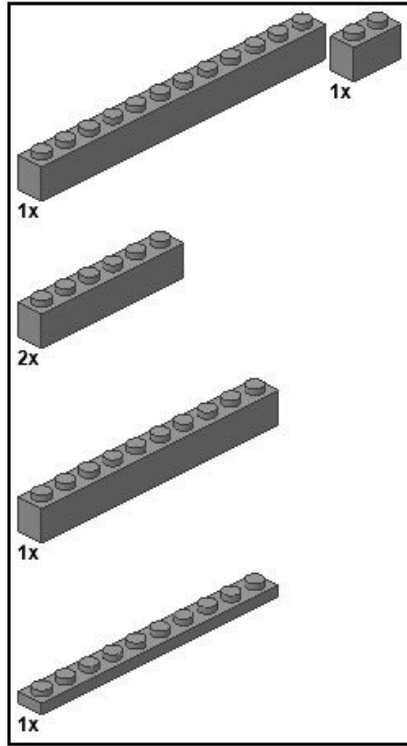
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- 1x
- 1x
- 2x
- 1x
- 1x



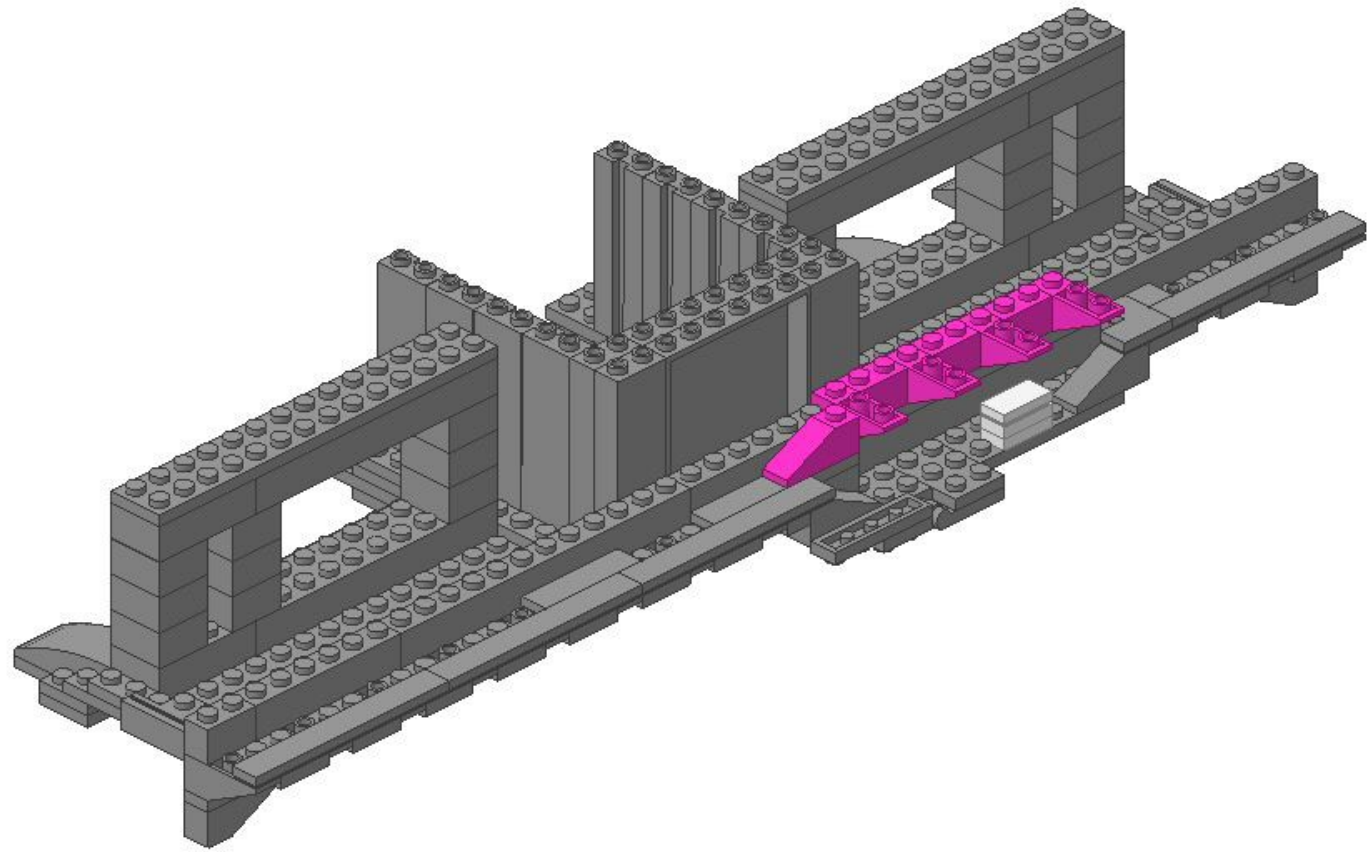
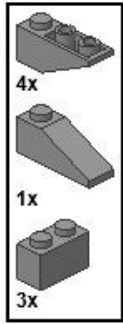
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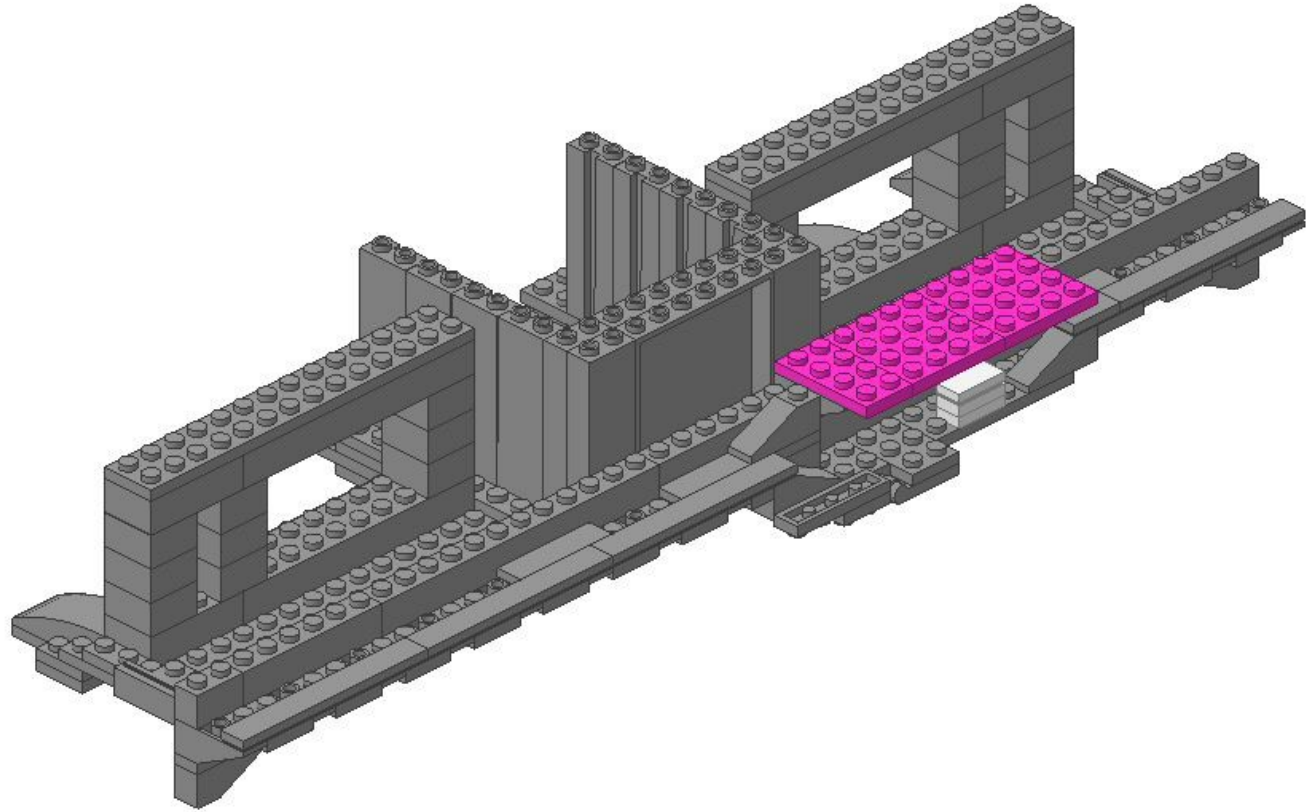
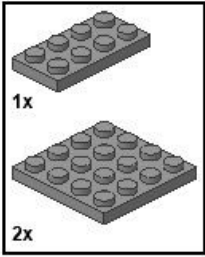
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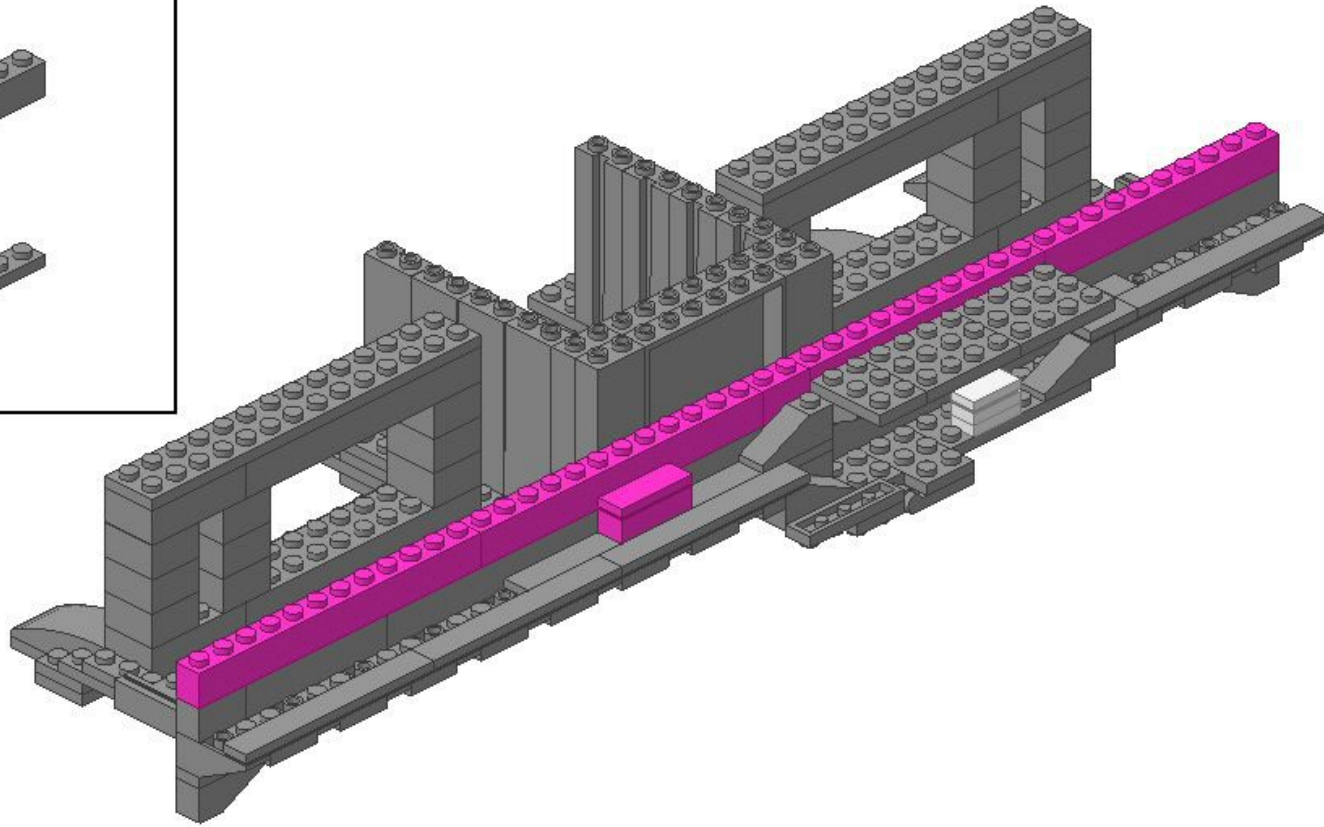
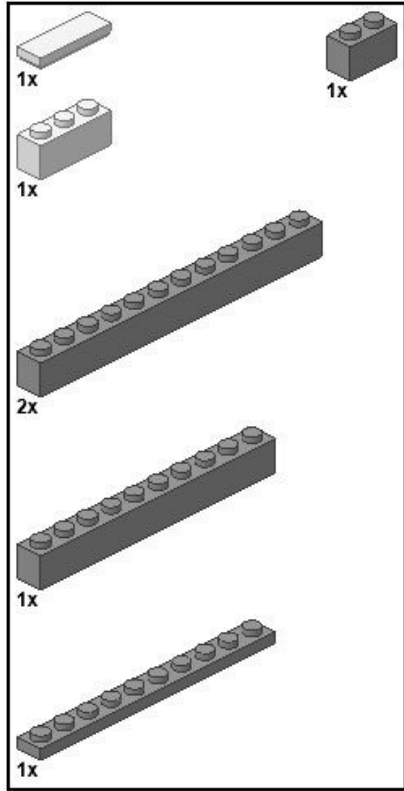
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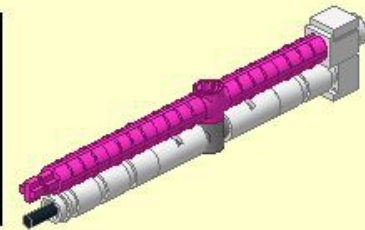
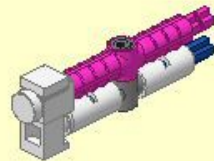
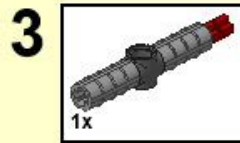
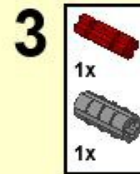
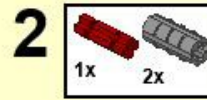
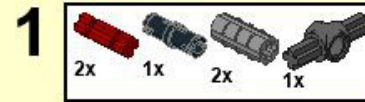
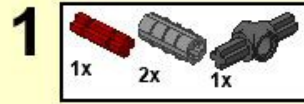
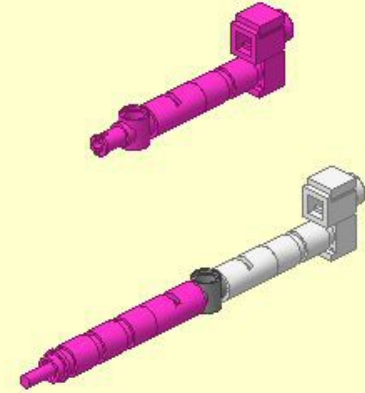
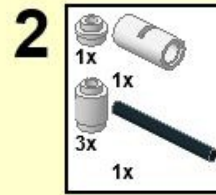
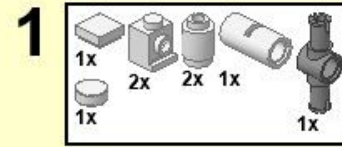
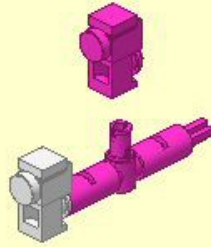
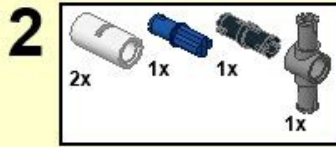
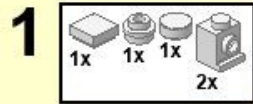


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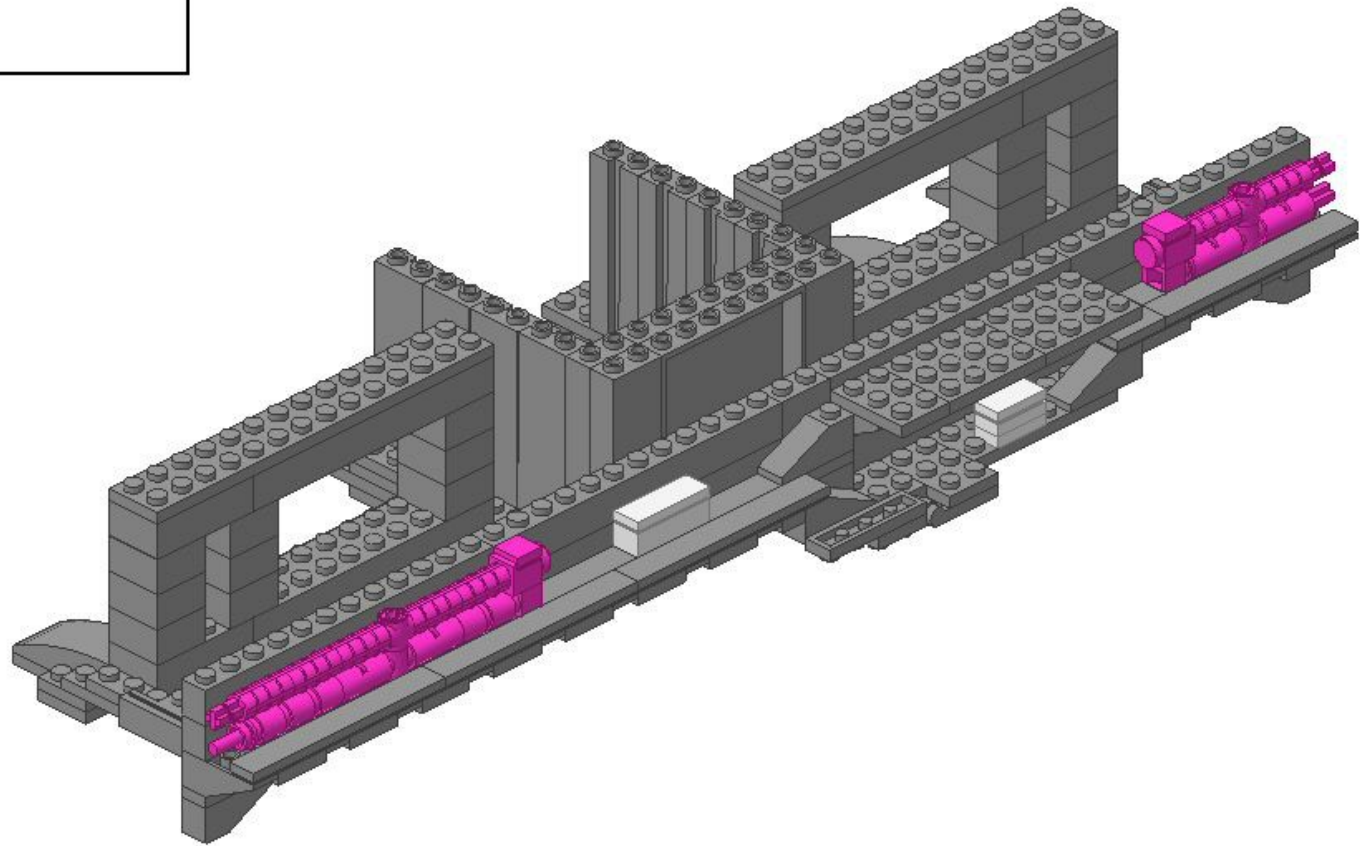
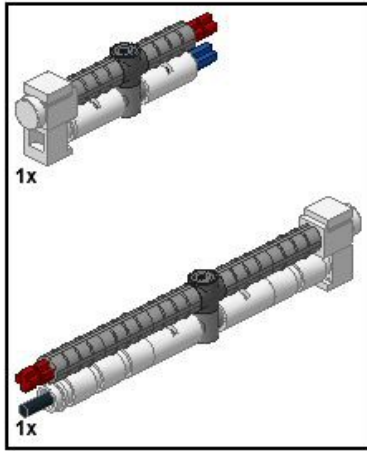


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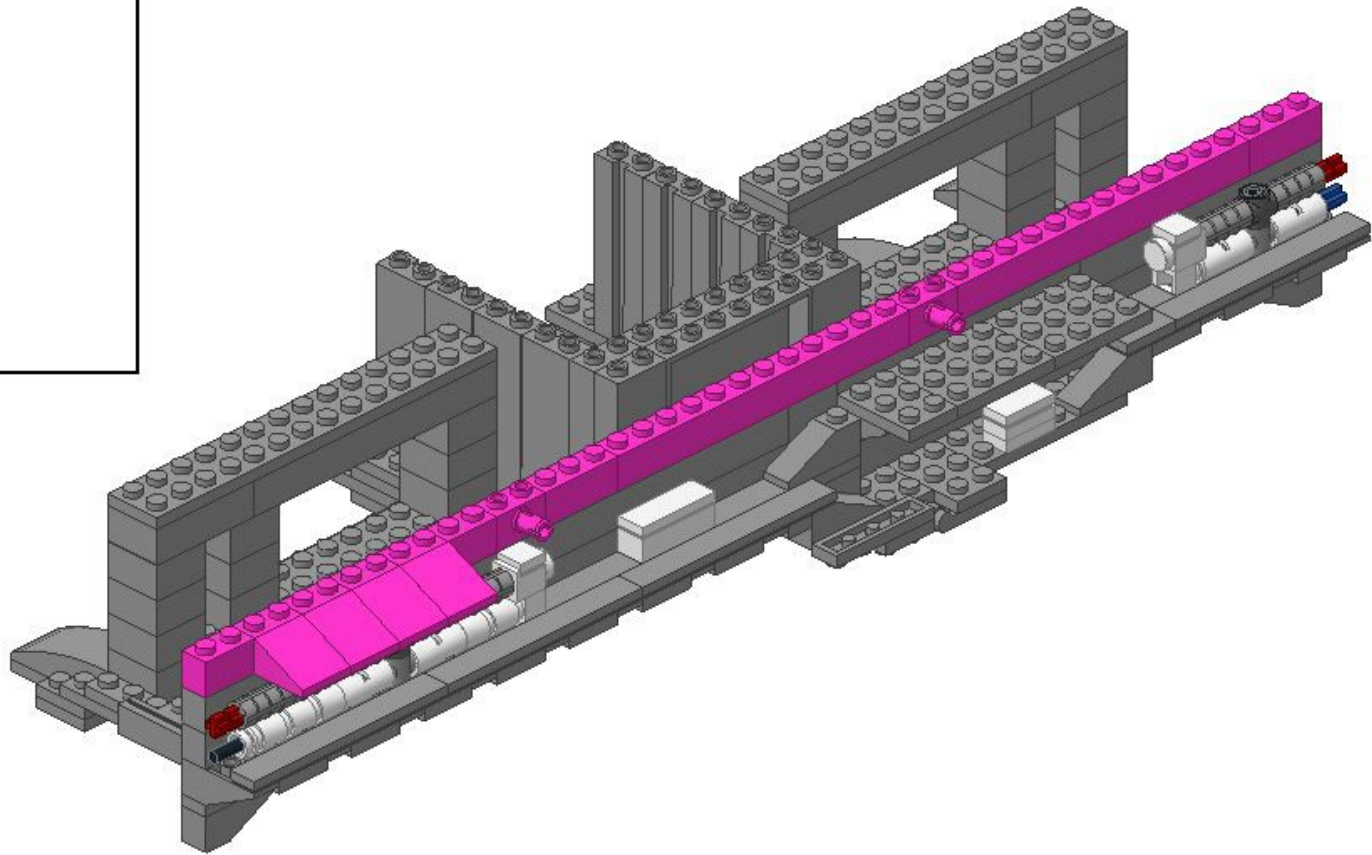
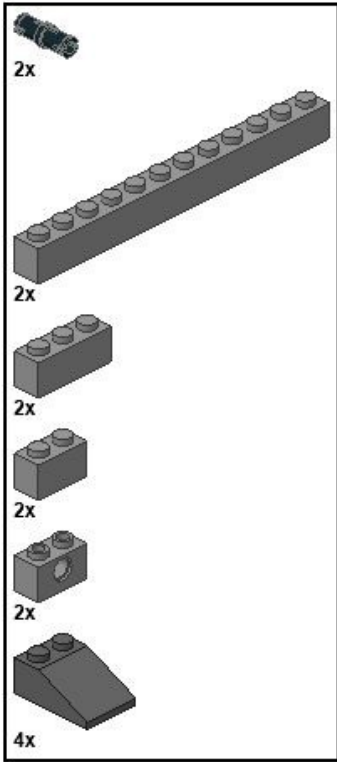




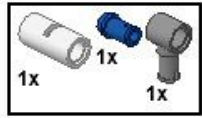
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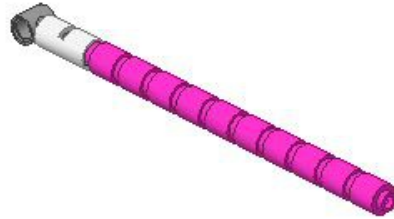
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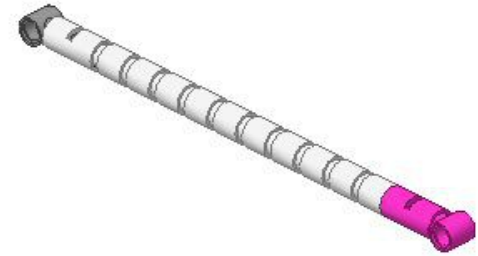
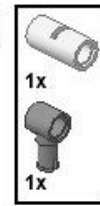
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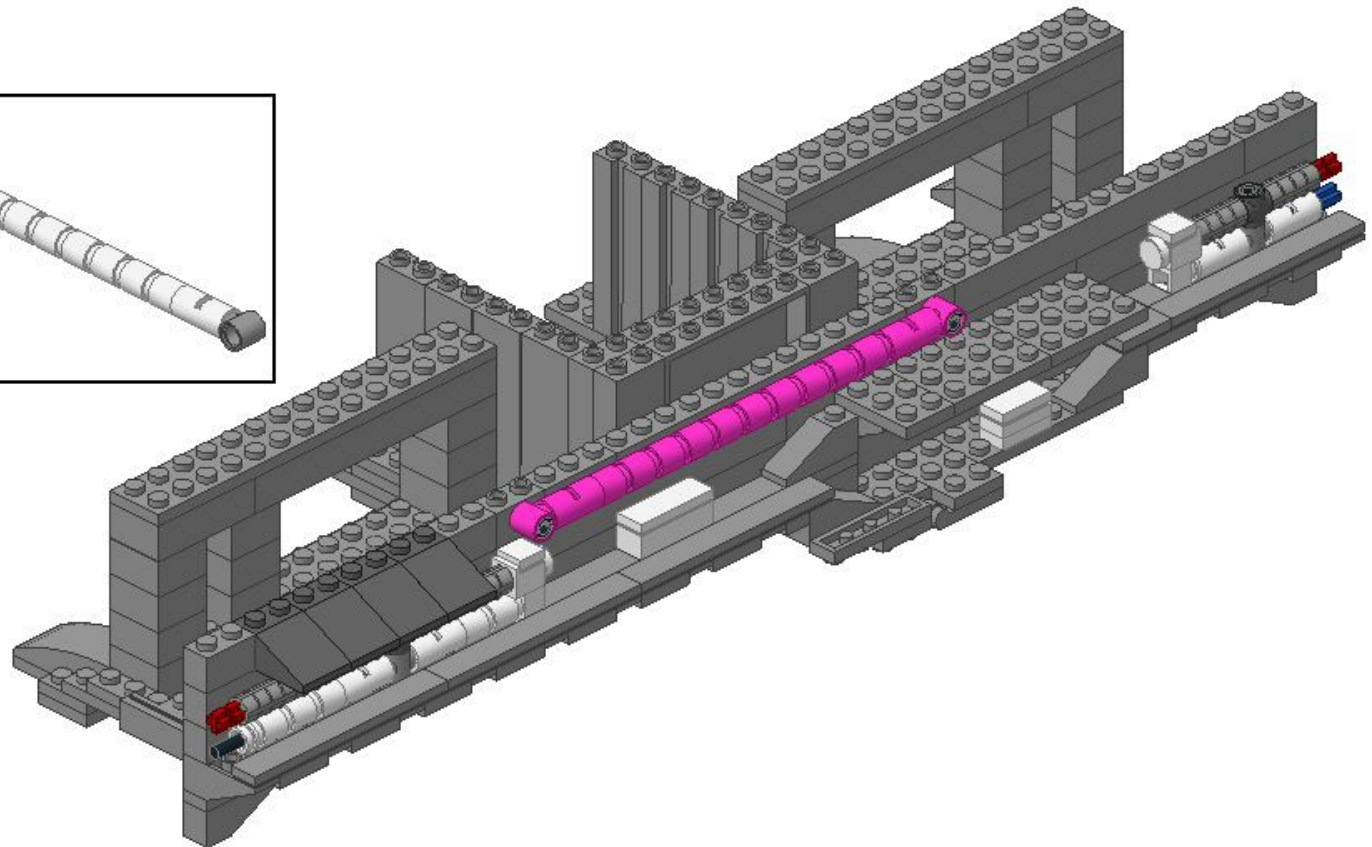
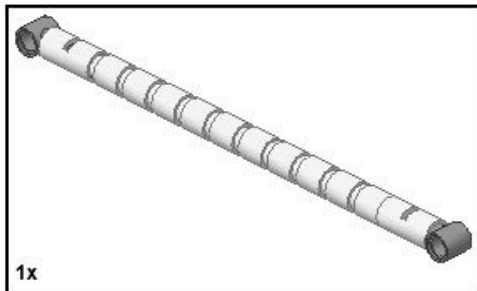
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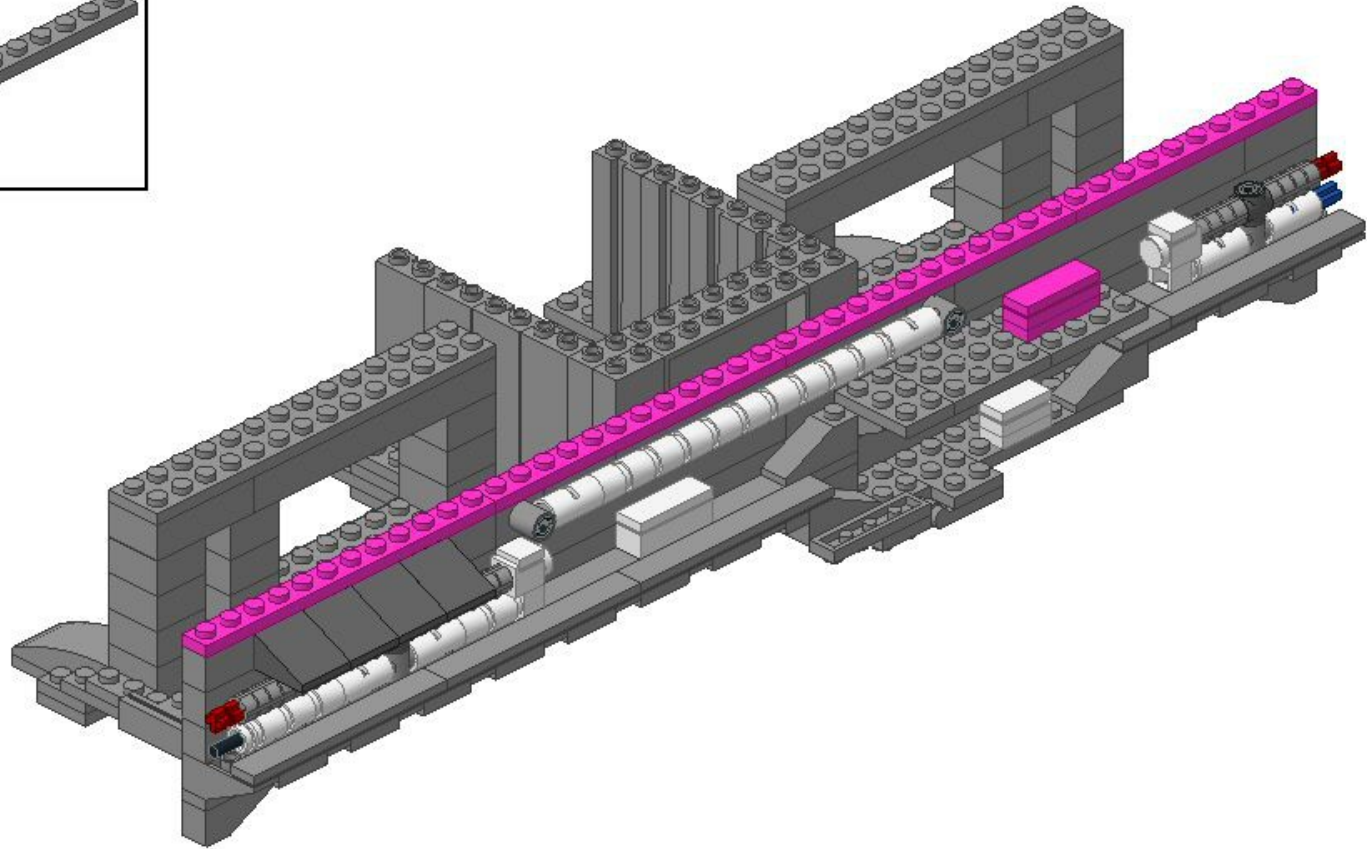
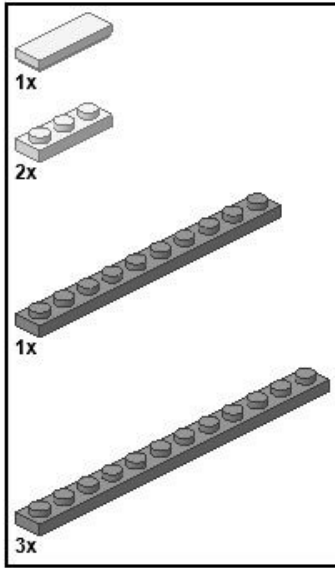
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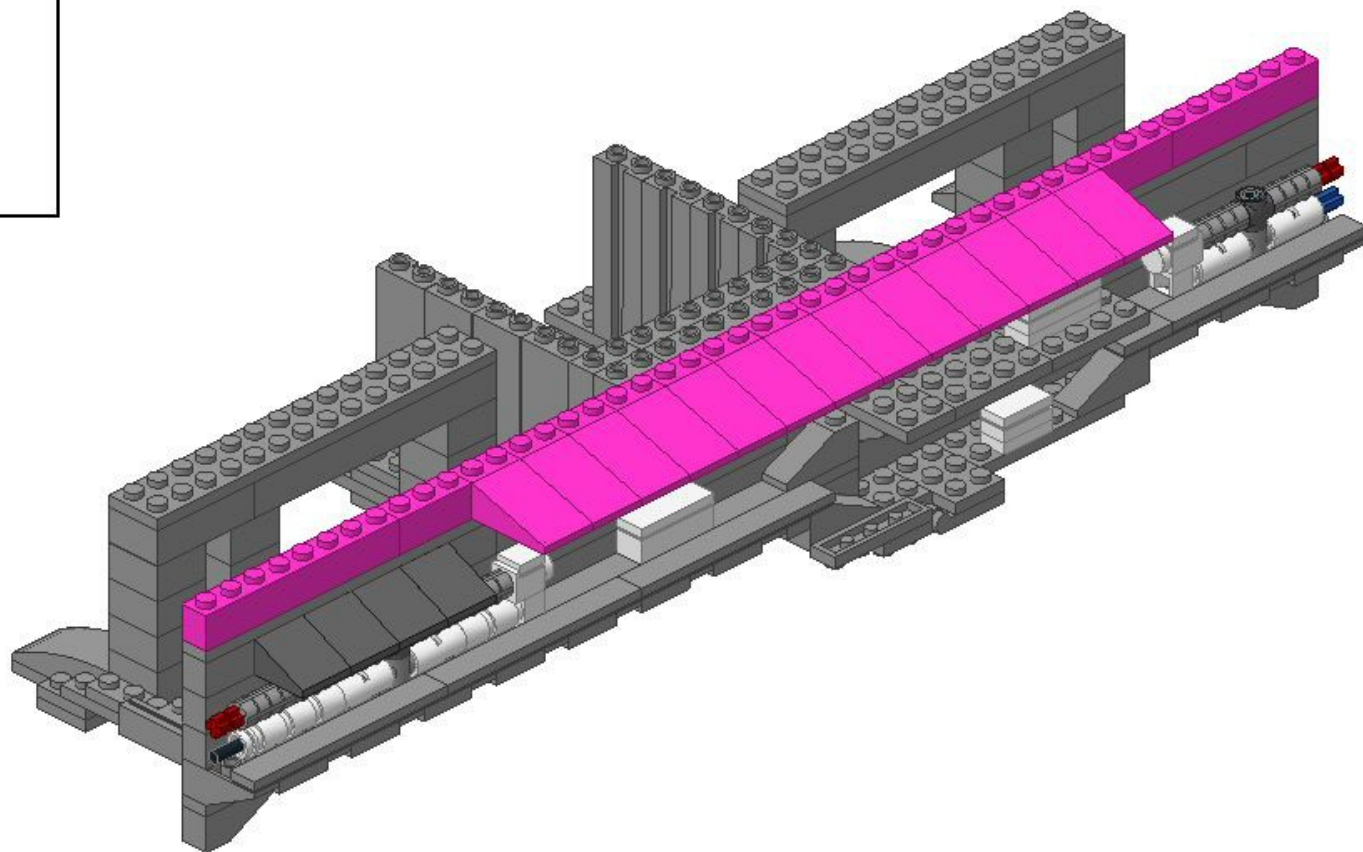
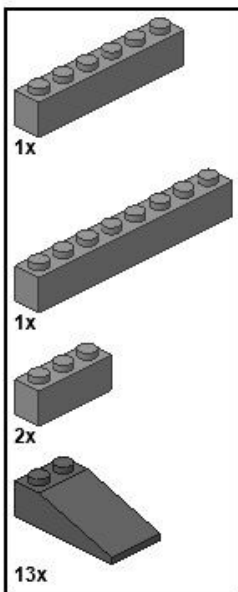
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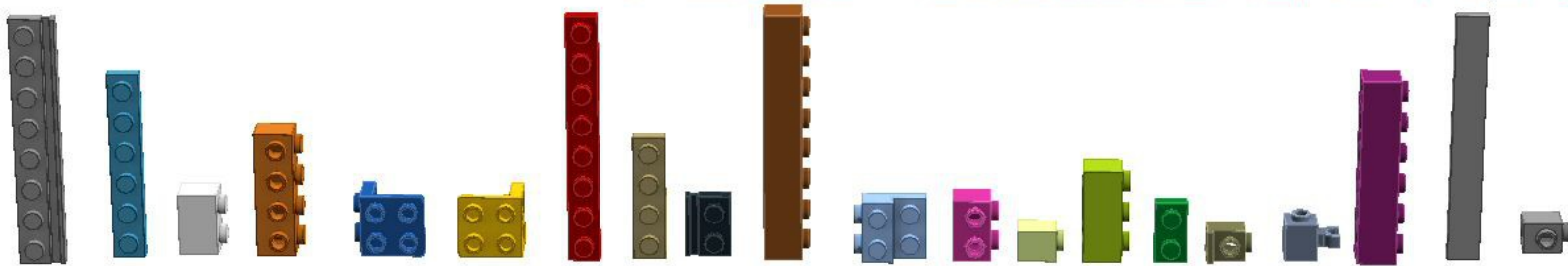
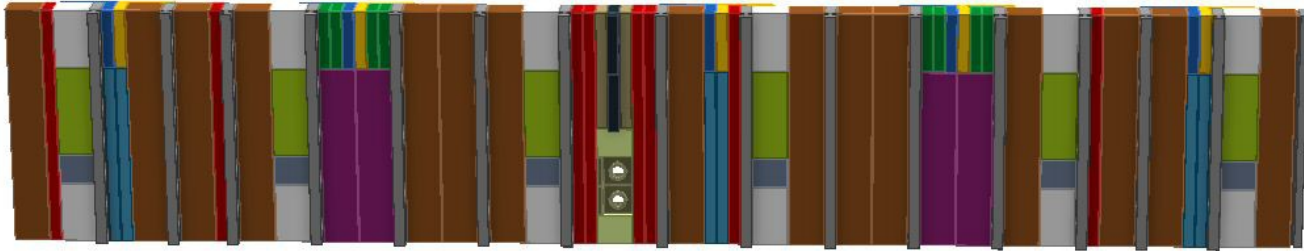


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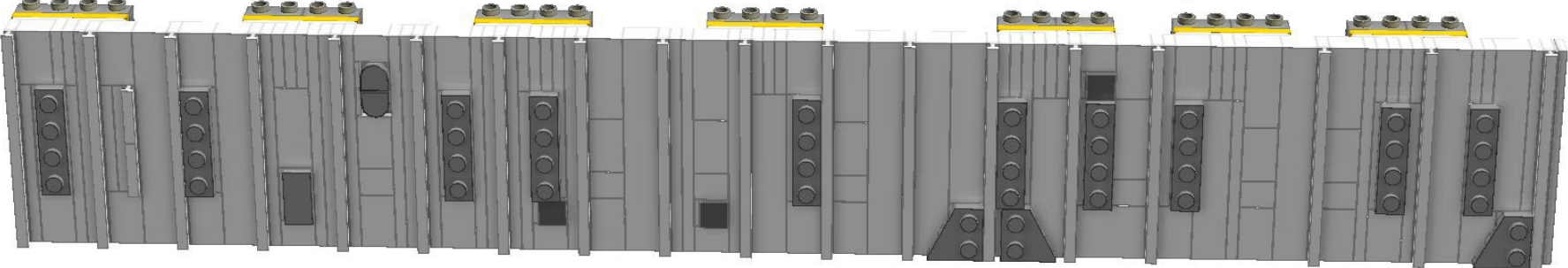
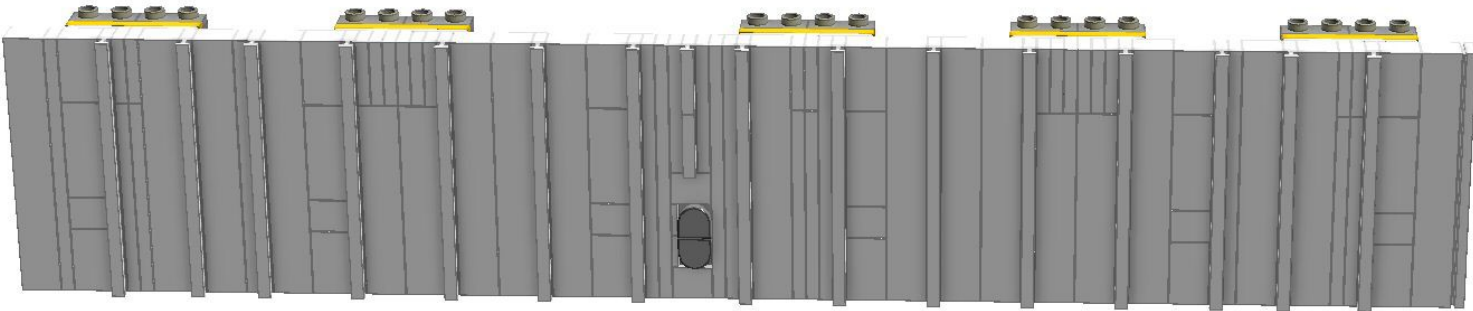
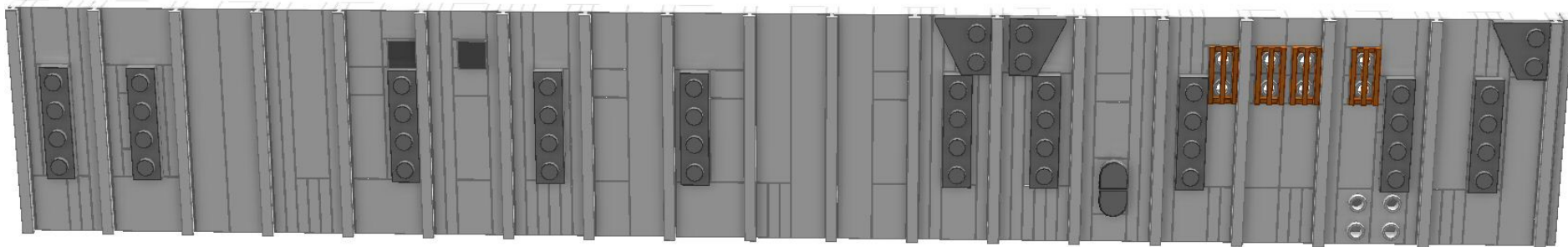


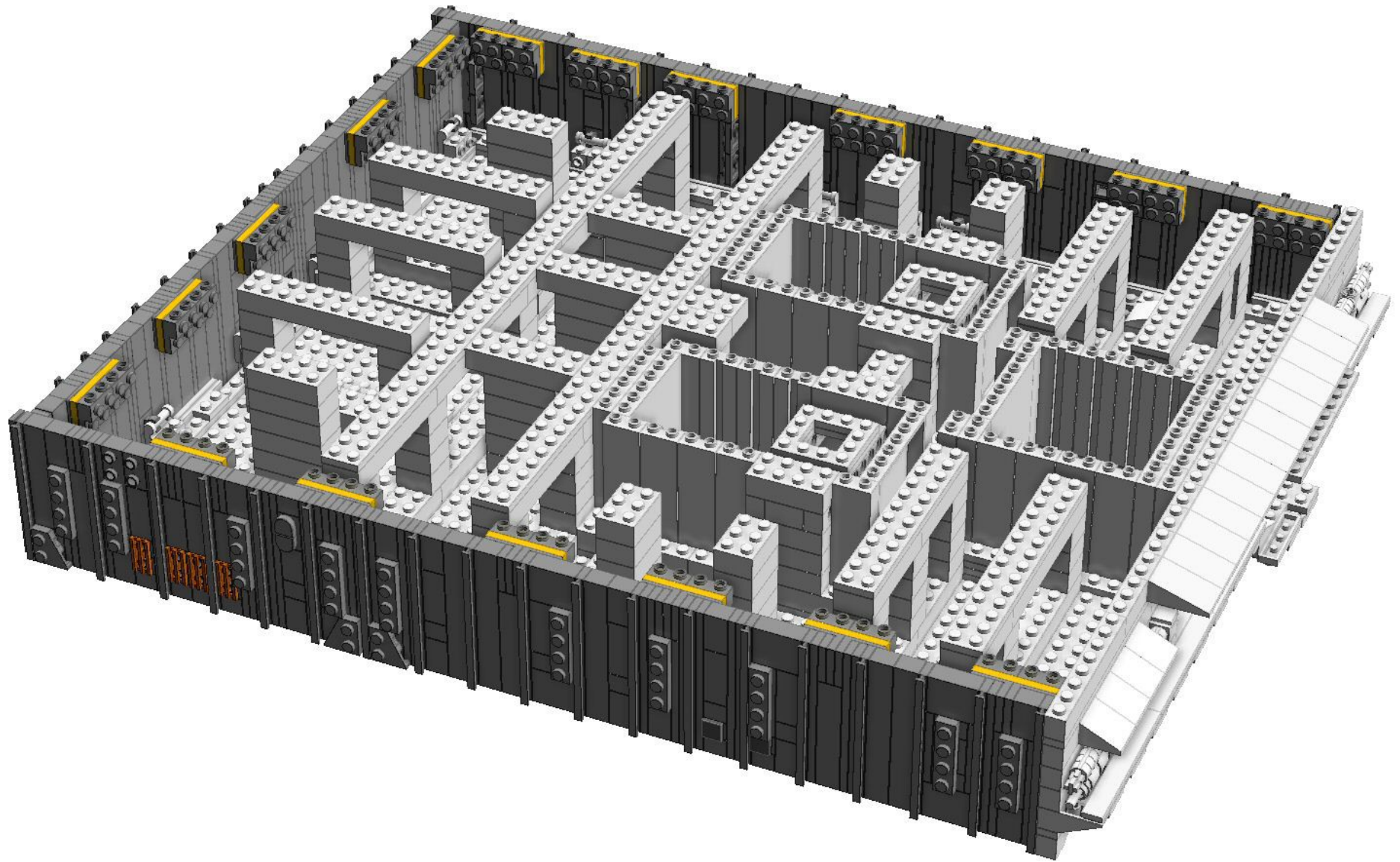
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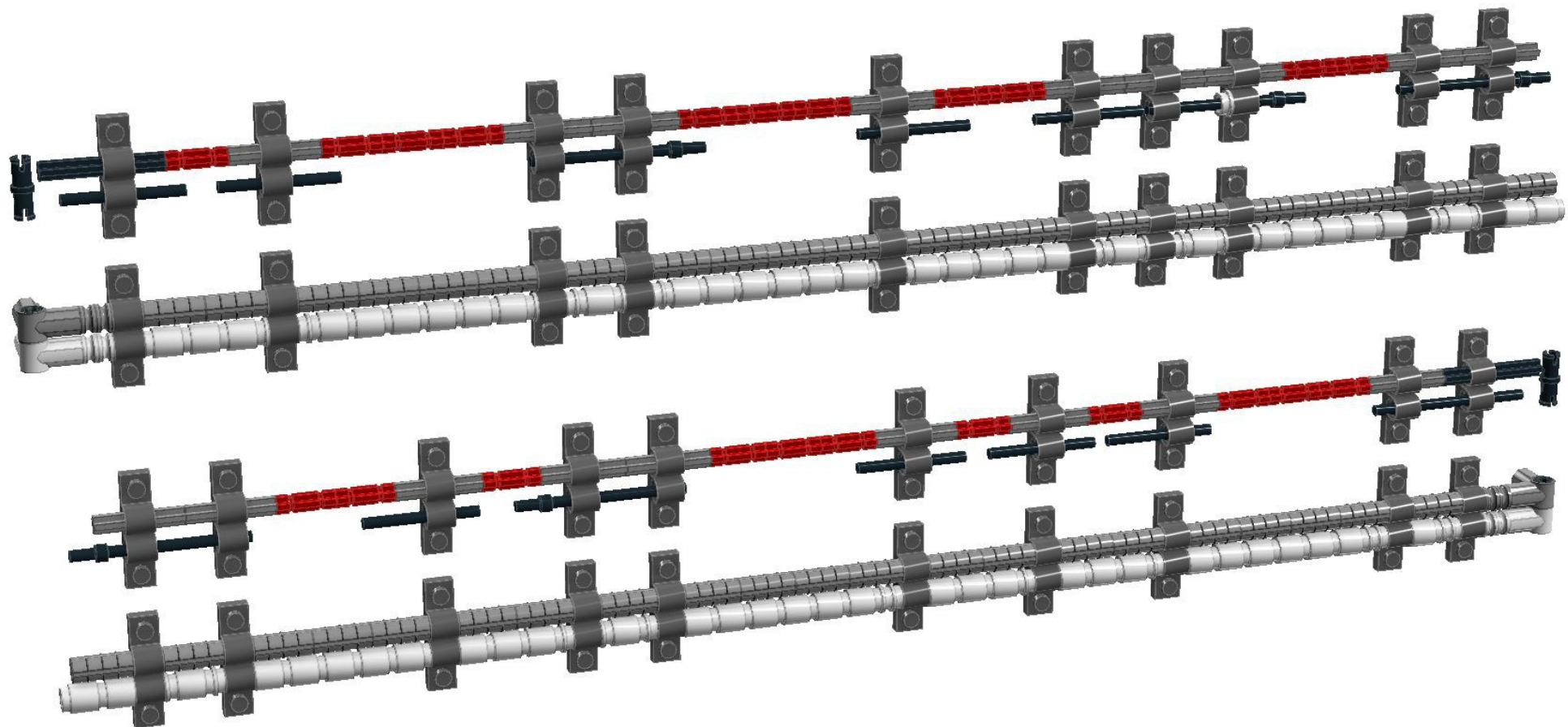


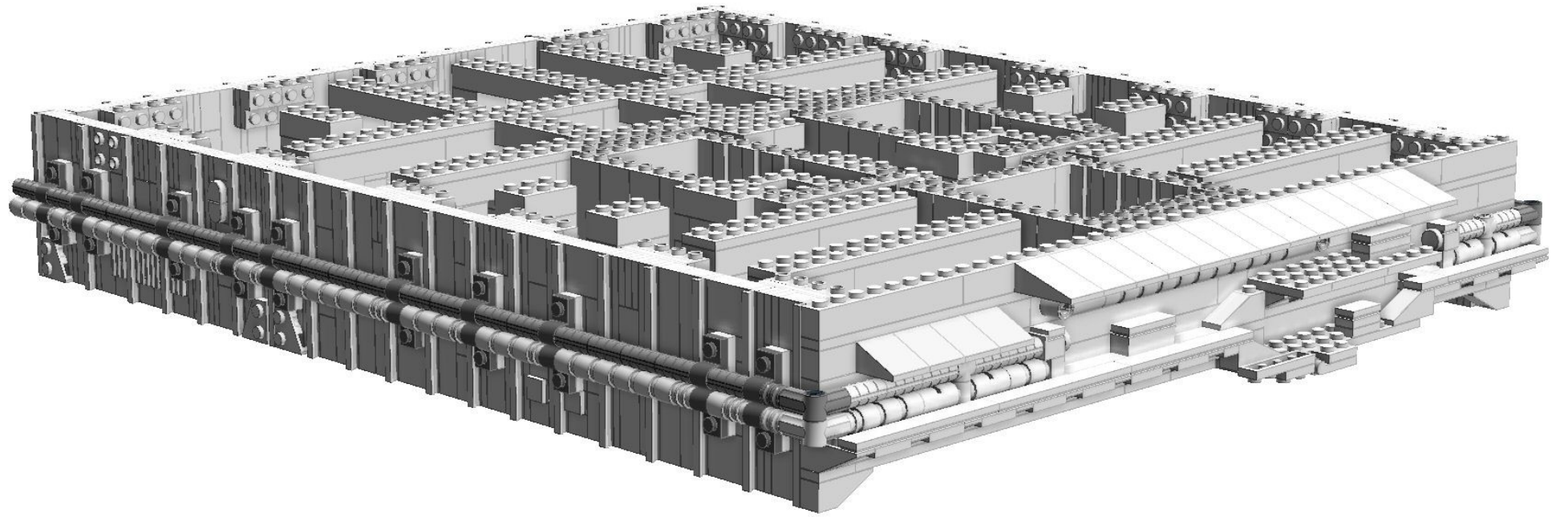


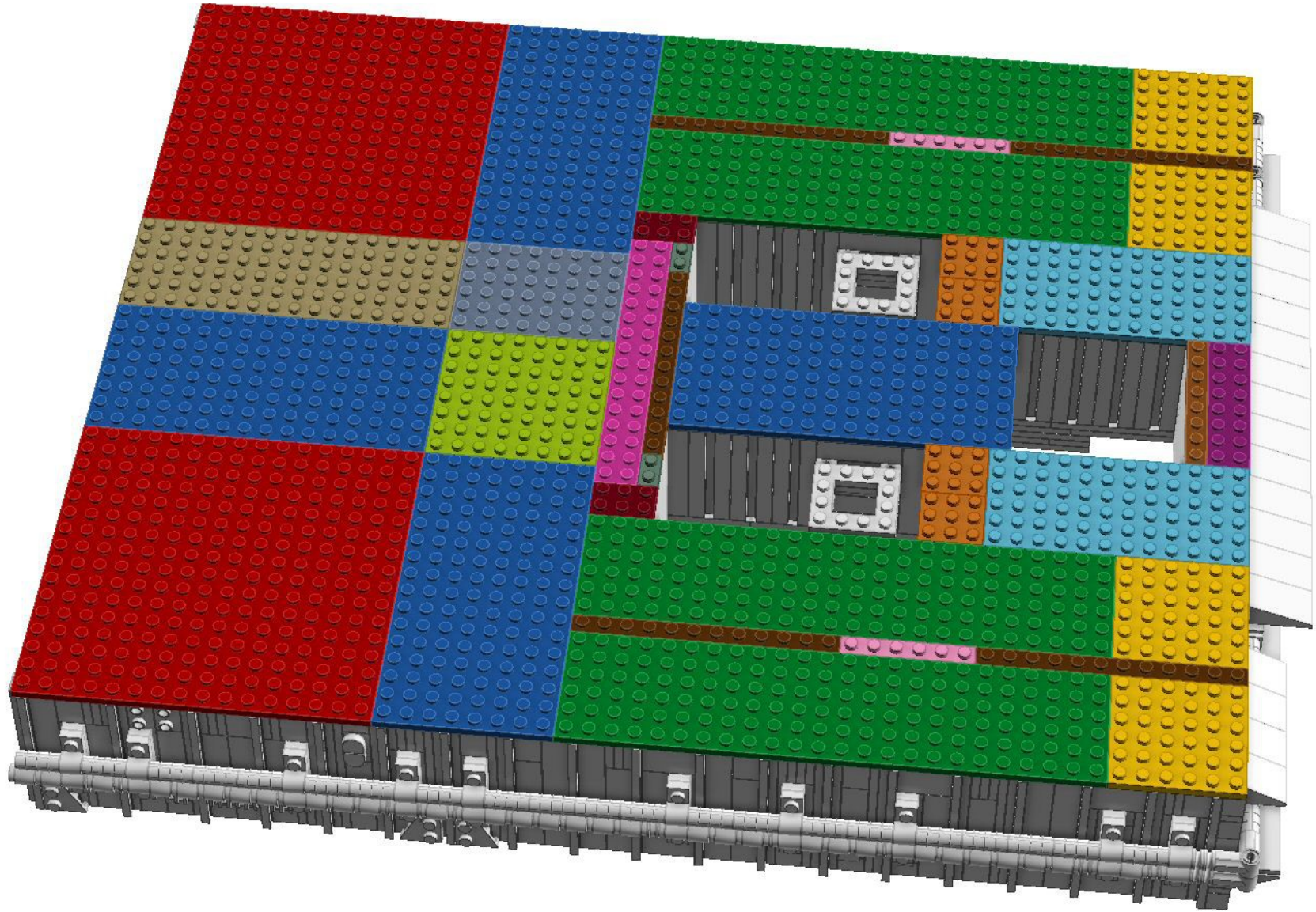
Medium Blue Grey



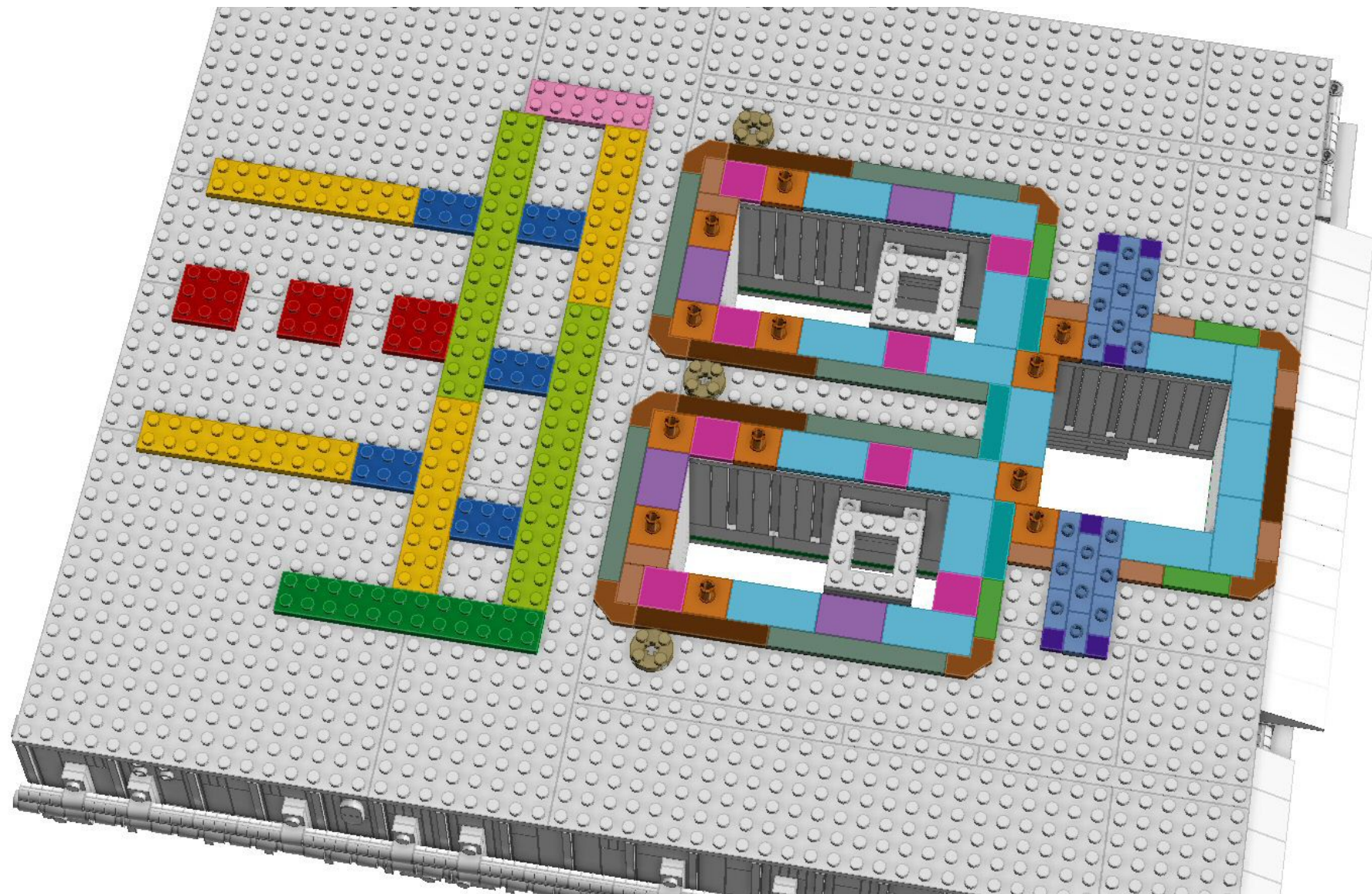




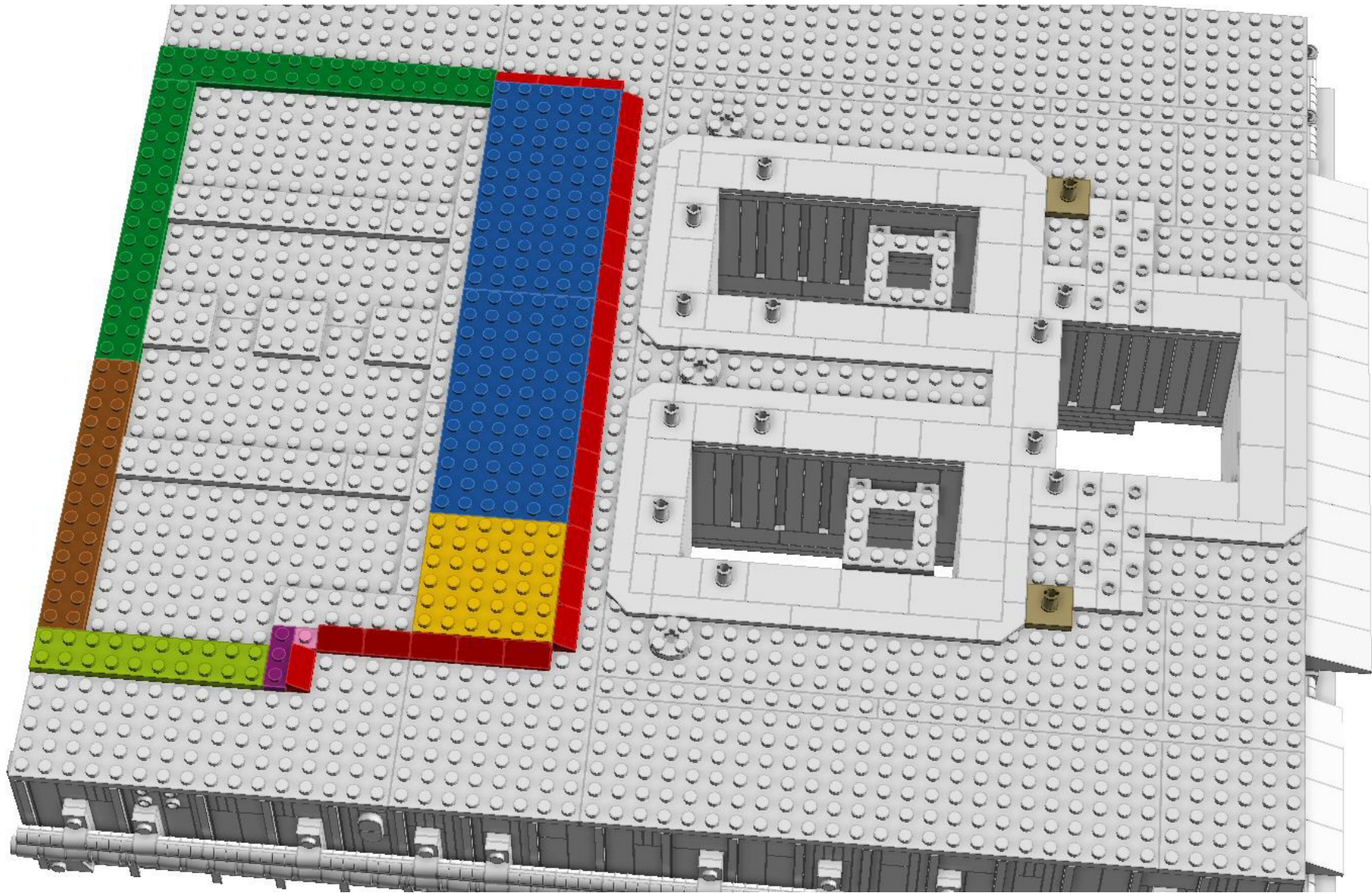




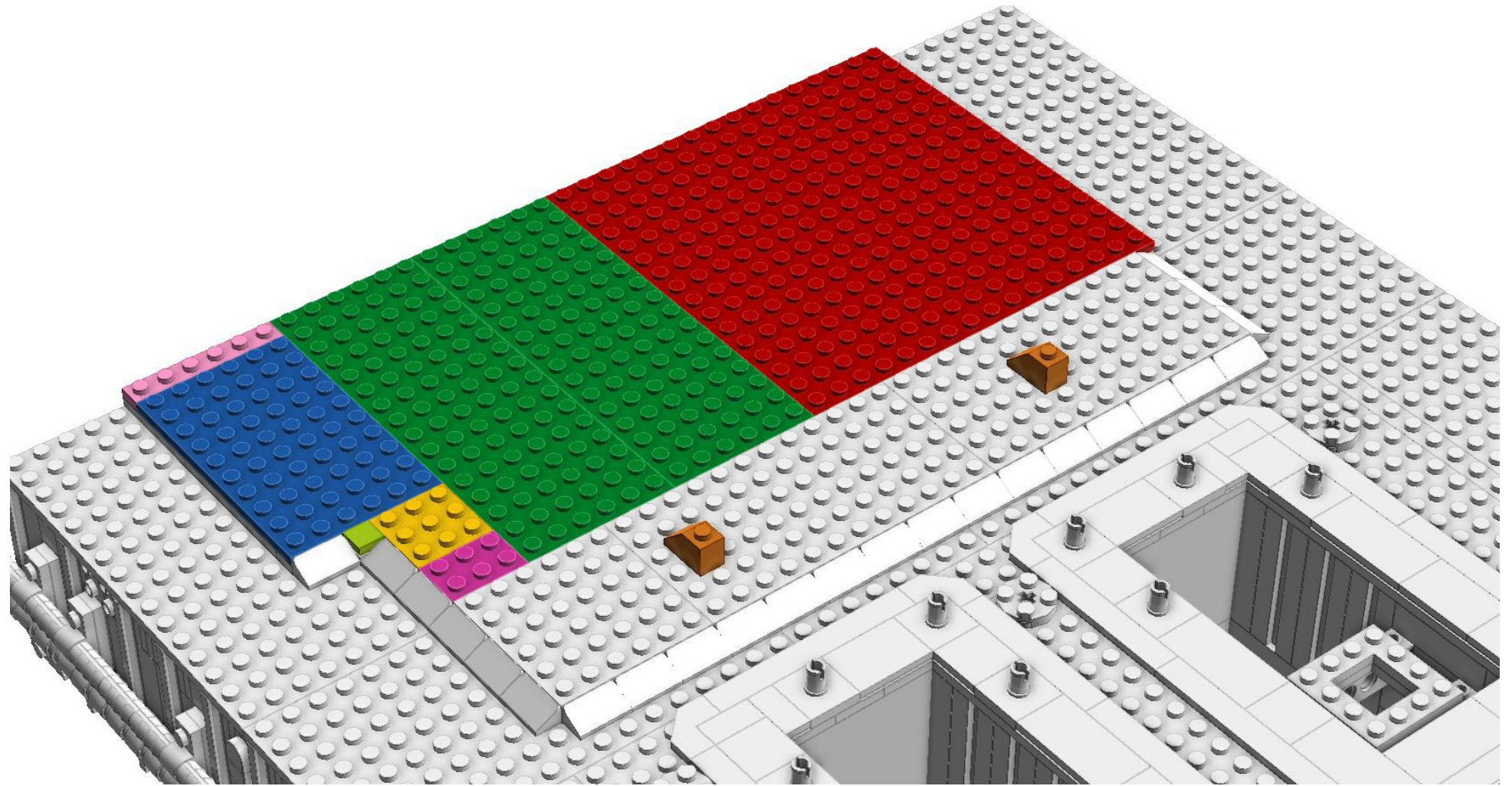
Dark Blue Grey



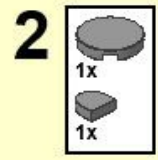
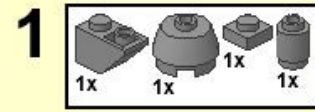
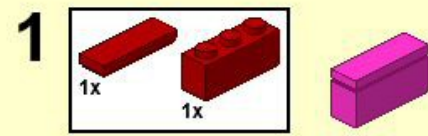
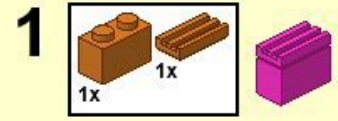
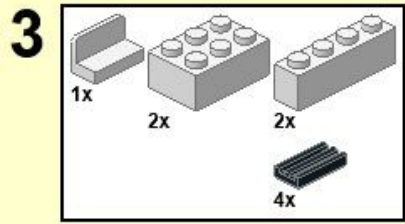
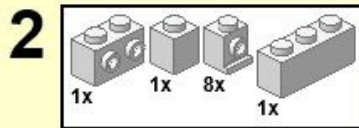
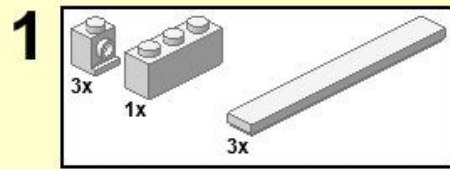
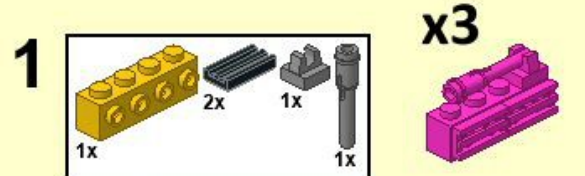
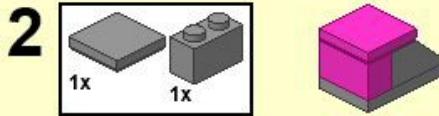
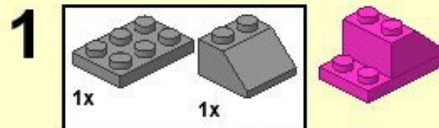
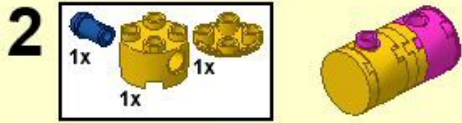
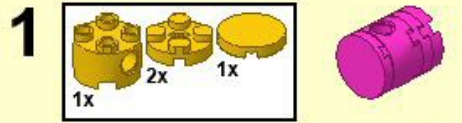
Medium Blue Grey



Dark Blue Grey

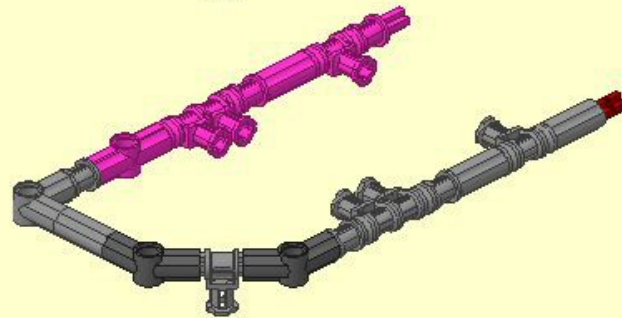
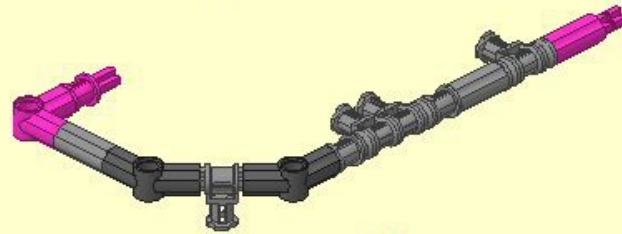
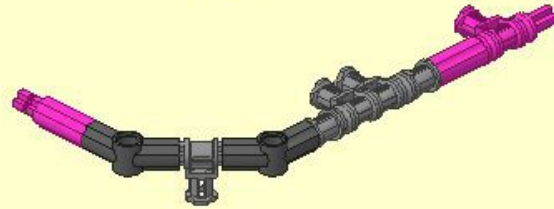
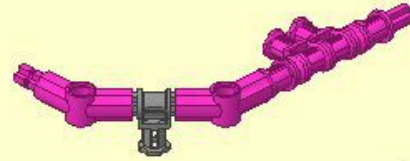
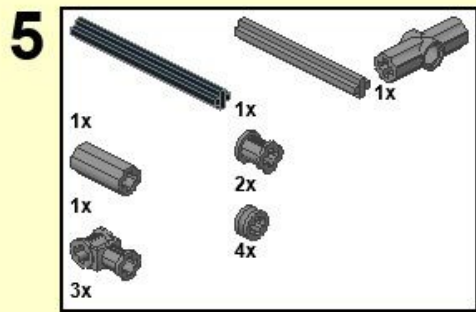
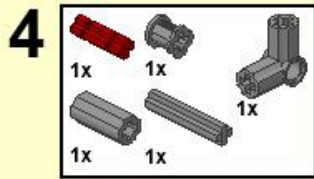
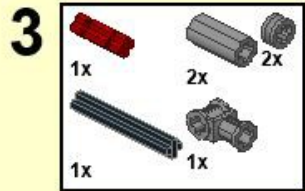
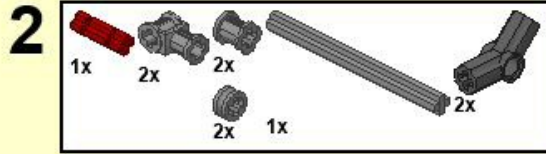
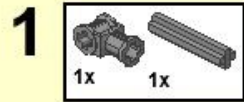


Dark Blue Grey

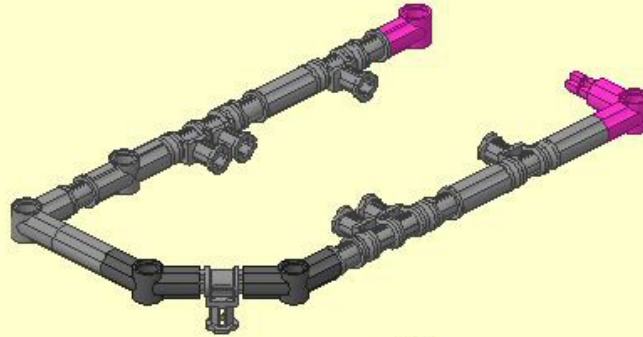
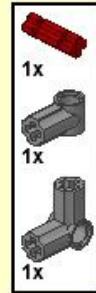


x6

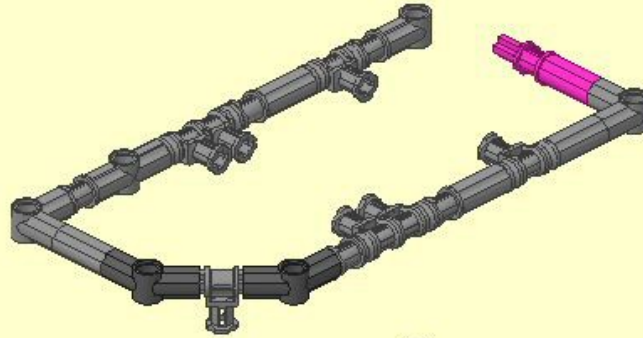
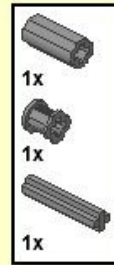




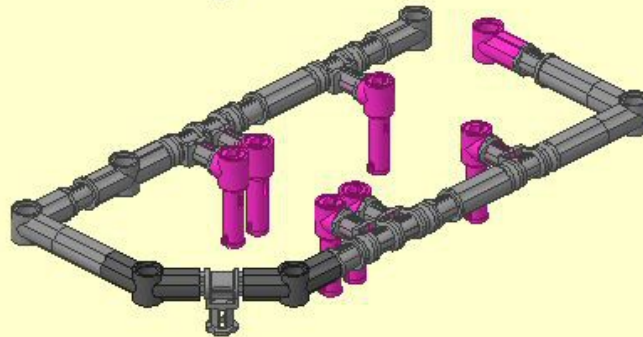
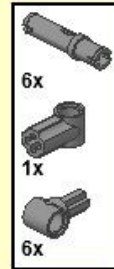
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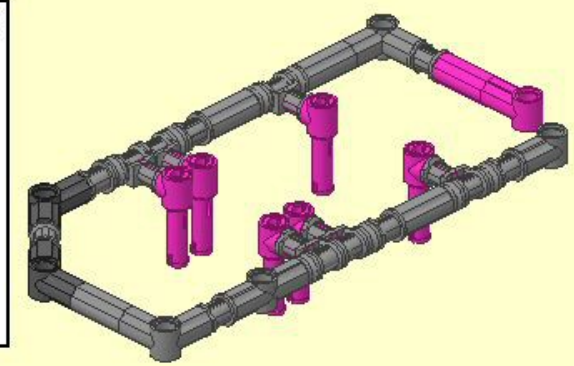
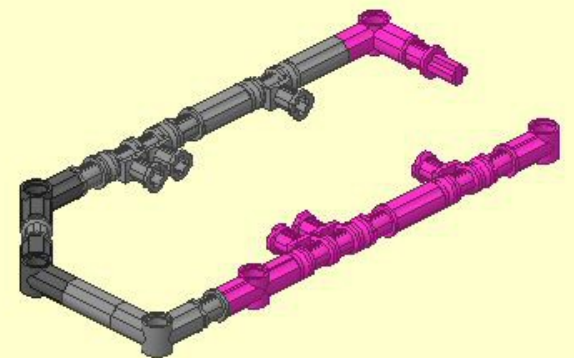
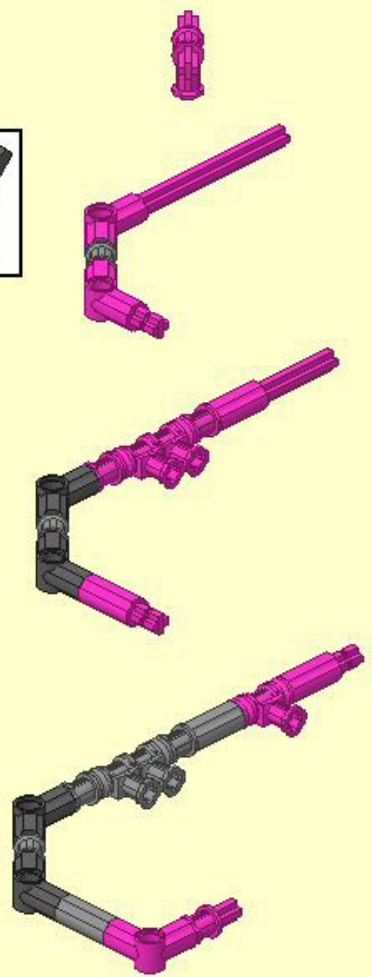
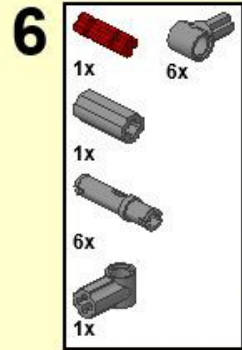
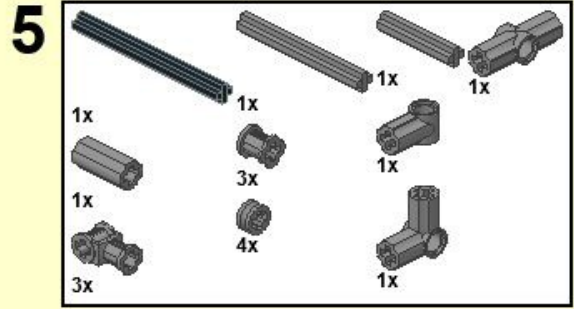
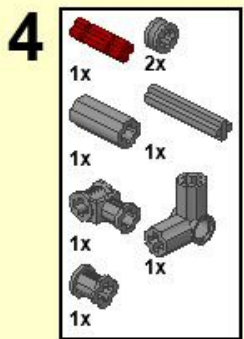
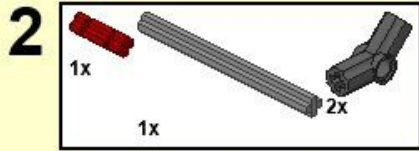
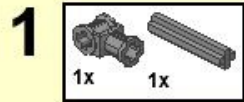


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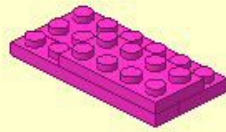
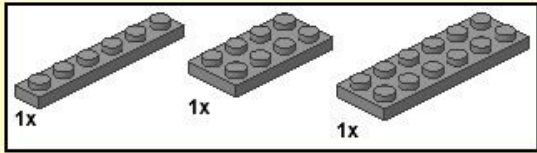


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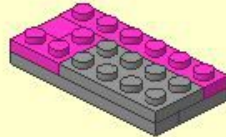
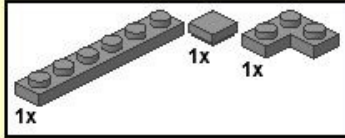




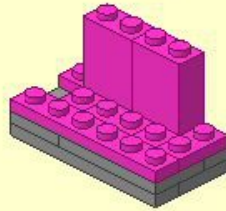
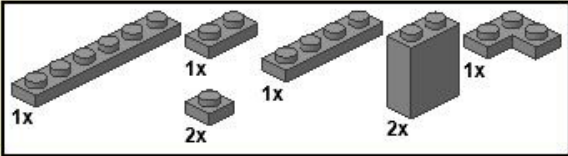
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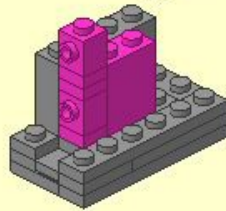
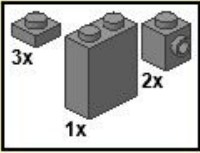
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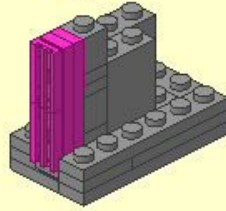
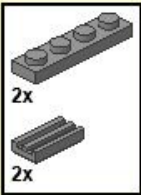
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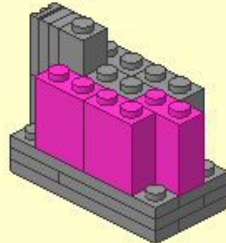
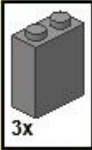
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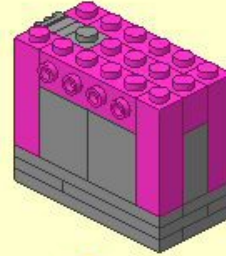
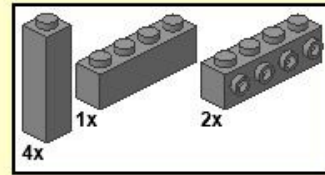
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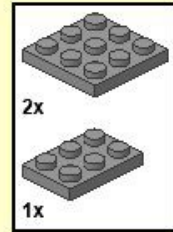
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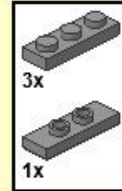
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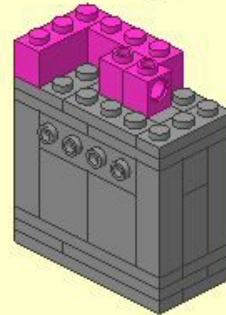
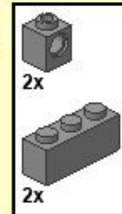
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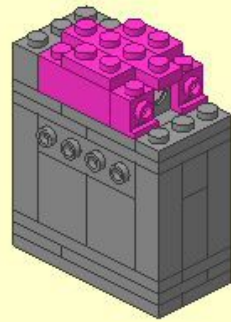
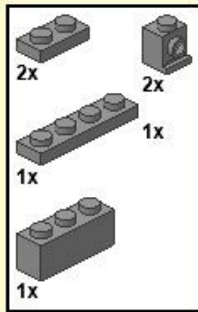
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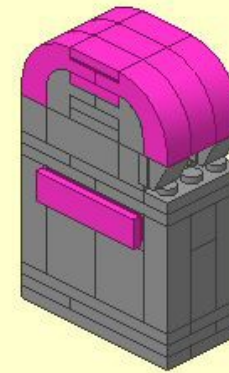
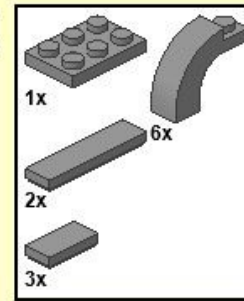
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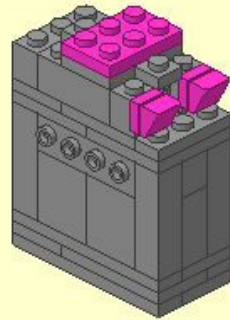
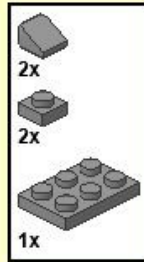
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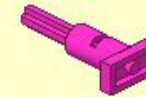
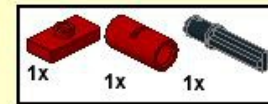
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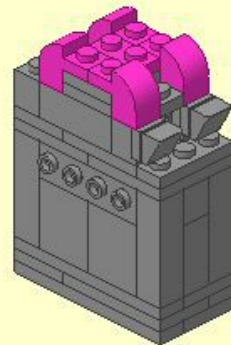
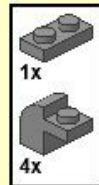
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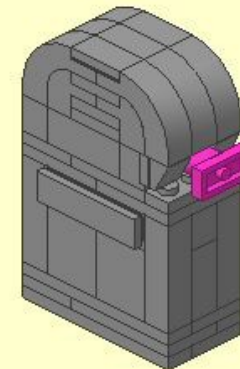
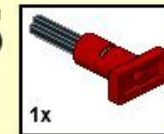
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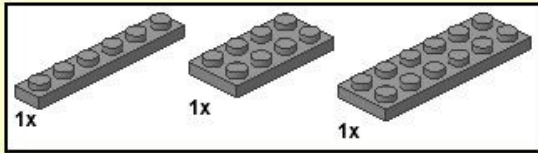
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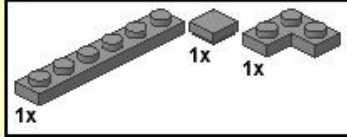
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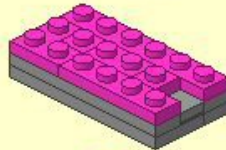
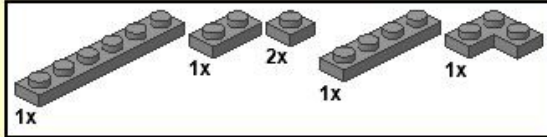
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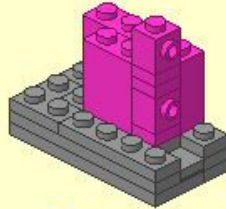
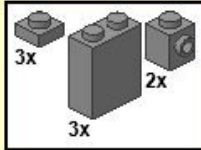
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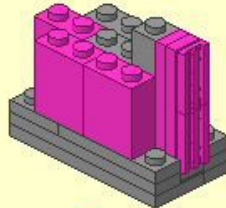
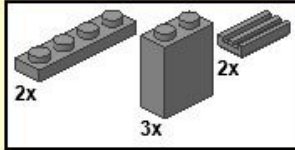
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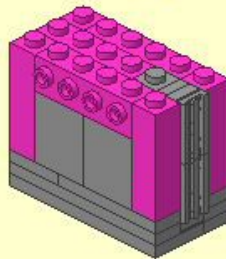
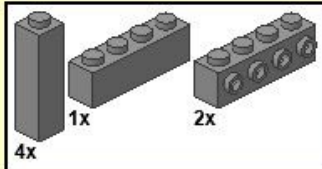
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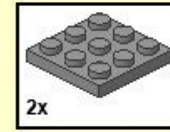
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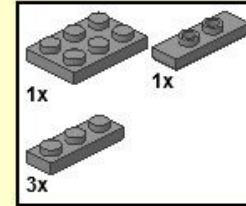
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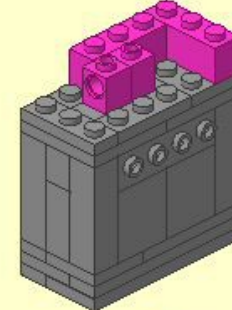
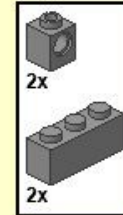
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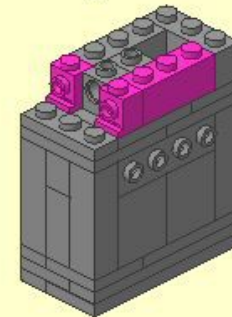
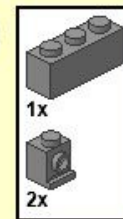
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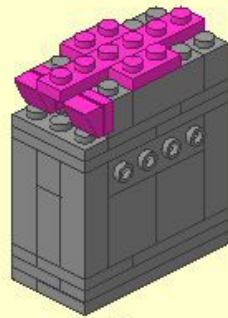
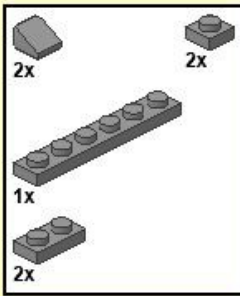
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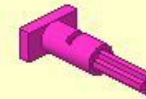
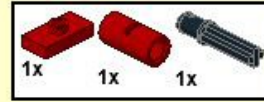
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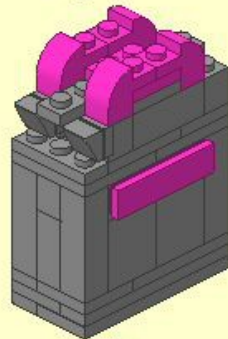
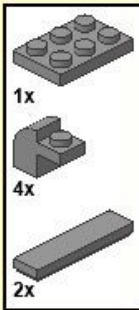
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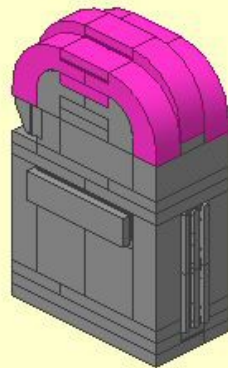
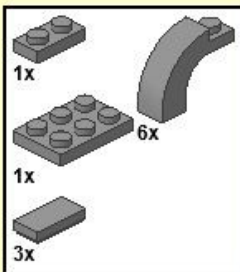
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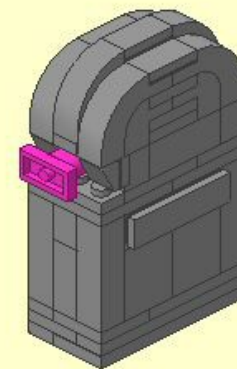
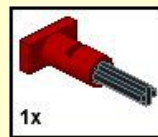
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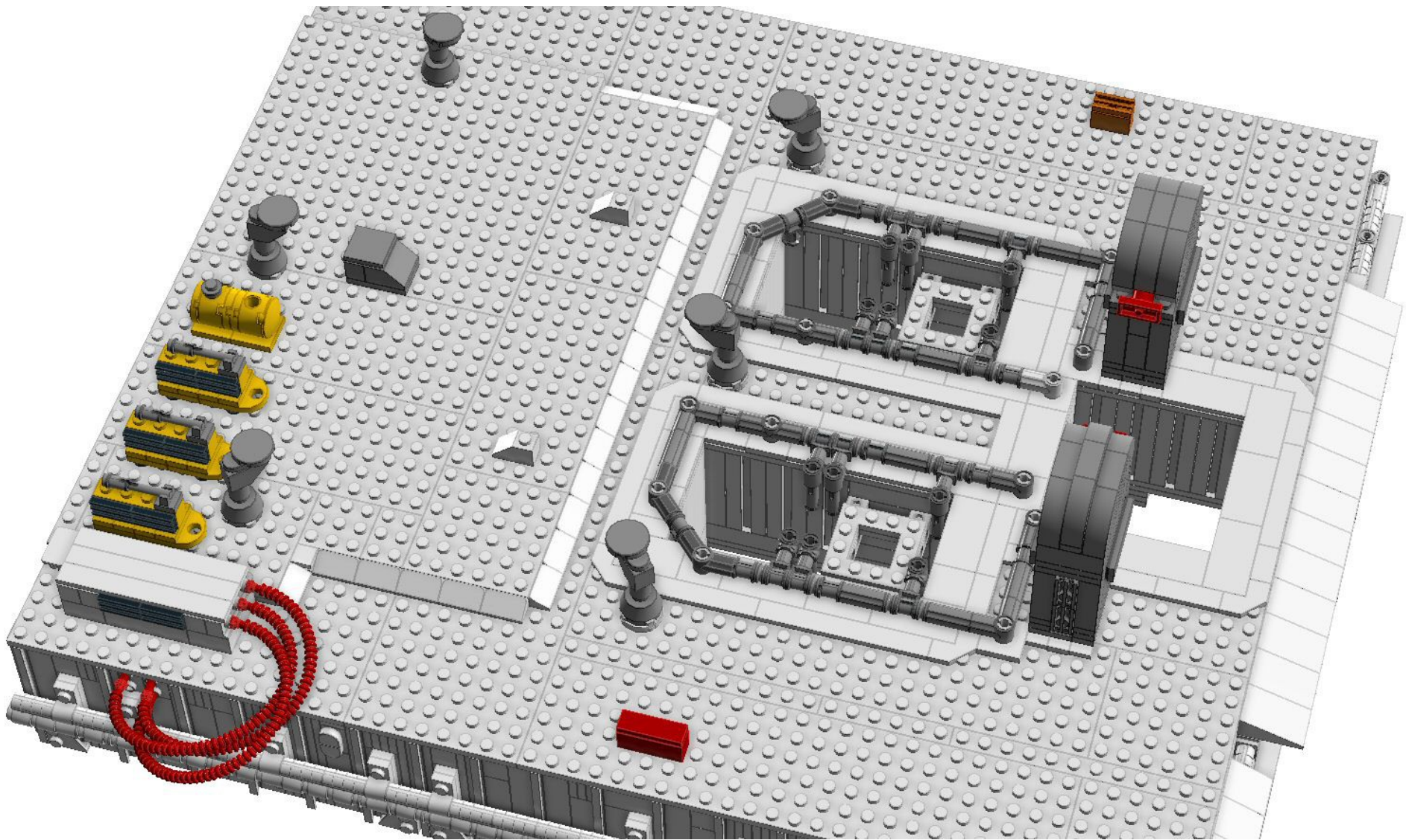


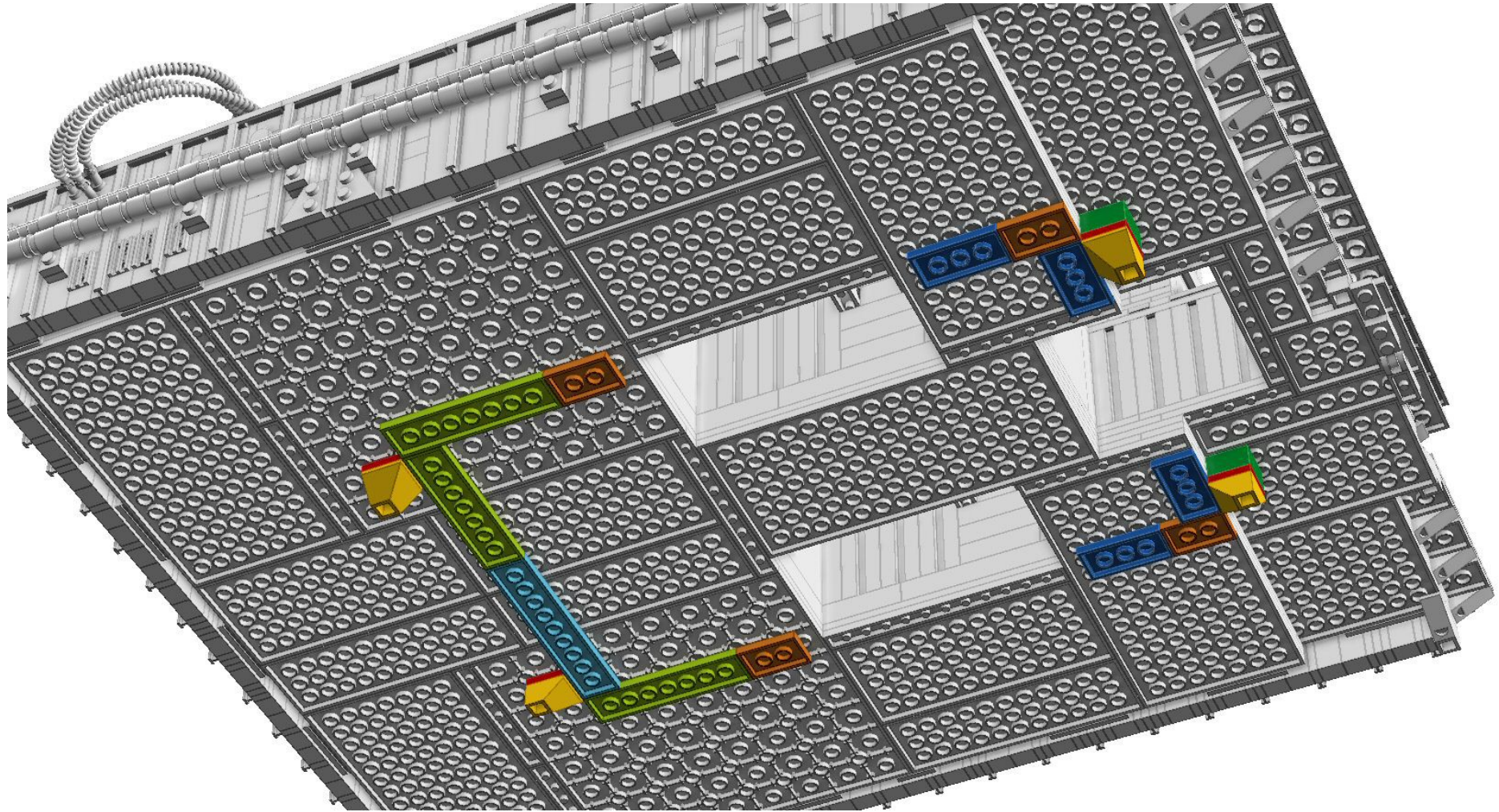
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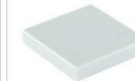


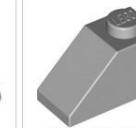








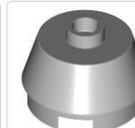









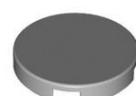



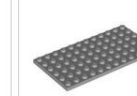



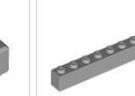
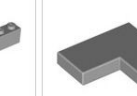
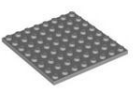
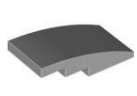











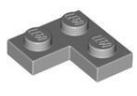
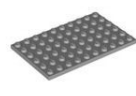















MLP to Crawler-Transporter Interface

LEGO Red Flexible Ribbed Hose (19 Studs Long) (14925 / 57539)	LEGO Medium Stone Gray Brick 1 x 2 (3004)	LEGO Medium Stone Gray Brick 1 x 6 (3009)	LEGO Medium Stone Gray Plate 1 x 6 (3666)	LEGO Medium Stone Gray Plate 1 x 2 (3023)	LEGO Medium Stone Gray Plate 1 x 8 with Door Rail (4510)	LEGO Medium Stone Gray Plate 2 x 16 (4282)	LEGO Dark Stone Gray Plate 6 x 12 (3028)	LEGO Dark Stone Gray Plate 6 x 8 (3036)	LEGO Dark Stone Gray Slope 31° 1 x 2 (85984)	LEGO Medium Stone Gray Bracket 1 x 2 - 2 x 2 Up (99207)	LEGO White Plate 1 x 1 Round with Open Stud (28626 / 85861)
x3	x64	x16	x37	x70	x52	x6	x4	x1	x24	x18	x28
LEGO Medium Stone Gray Plate 1 x 8 (3460)	LEGO Medium Stone Gray Brick 1 x 1 (3005)	LEGO Medium Stone Gray Brick 1 x 3 (3622)	LEGO Medium Stone Gray Brick 1 x 4 with 4 Studs on 1 Side (30414)	LEGO Medium Stone Gray Brick 1 x 2 with Studs on 1 Side (11211)	LEGO Medium Stone Gray Plate 1 x 4 (3710)	LEGO Medium Stone Gray Brick 1 x 8 (3008)	LEGO Medium Stone Gray Brick 1 x 2 x 2 with Inside Axle Holder (3245)	LEGO Dark Stone Gray Plate 6 x 24 (3026)	LEGO Medium Stone Gray Plate 2 x 14 (91988)	LEGO Dark Stone Gray Plate 6 x 6 (3958)	LEGO Dark Stone Gray Tile 1 x 1 with Groove (3070)
x48	x16	x33	x14	x9	x38	x28	x18	x4	x6	x5	x6
LEGO Dark Stone Gray Plate 1 x 2 with Pin Hole (11458)	LEGO White Brick Round 1 x 1 with Open Stud with Open Stud (3062)	LEGO Medium Stone Gray Brick 1 x 1 with Headlight and Slot (4070)	LEGO Orange Tile 1 x 2 Grille (with Bottom Groove) (2412)	LEGO Medium Stone Gray Brick 1 x 1 with Vertical Clip (Open 'O' Clip, Hollow Stud) (60475)	LEGO Medium Stone Gray Bracket 1 x 2 - 2 x 2 (21712 / 44728 / 92411)	LEGO Medium Stone Gray Plate 1 x 12 (60479)	LEGO Dark Stone Gray Slope 18° 4 x 2 (30363)	LEGO Dark Stone Gray Slope 25° (33) 2 x 3 with Rough Surface (3298)	LEGO Medium Stone Gray Brick 1 x 12 (6112)	LEGO Medium Stone Gray Tile 1 x 4 (2431)	LEGO Medium Stone Gray Tile 1 x 8 (4162)
x40	x77	x21	x5	x20	x18	x14	x13	x4	x5	x23	x13
LEGO Yellow Plate 2 x 4 (3020)	LEGO Medium Stone Gray Plate 2 x 2 x 2/3 with 2 Studs on Side (99206)	LEGO Dark Stone Gray Plate 16 x 16 with Underside Ribs (91405)	LEGO Dark Stone Gray Plate 2 x 14 (91988)	LEGO Dark Stone Gray Plate 6 x 10 (3033)	LEGO Black Round Plate 1 x 1 (6141)	LEGO Medium Stone Gray Plate 2 x 3 (3021)	LEGO Dark Stone Gray Plate 8 x 16 (92438)	LEGO Medium Stone Gray Plate 2 x 10 (3832)	LEGO Yellow Tile 2 x 2 with Vertical Pin (2460)	LEGO Medium Stone Gray Plate 3 x 3 (11212)	LEGO Dark Stone Gray Plate 2 x 16 (4282)
x18	x55	x3	x1	x1	x12	x30	x4	x16	x2	x7	x3
LEGO Yellow Plate 3 x 2 with Hole (3176)	LEGO Yellow Plate 1 x 2 with 1 Stud (with Groove) (3794)	LEGO Dark Stone Gray Plate 2 x 10 (3832)	LEGO Dark Stone Gray Plate 1 x 6 (3666)	LEGO Yellow Plate 2 x 2 (3022 / 94148)	LEGO Dark Stone Gray Plate 6 x 16 (3027)	LEGO Medium Stone Gray Plate 8 x 16 (92438)	LEGO Medium Stone Gray Brick 2 x 10 (3006 / 92538)	LEGO Medium Stone Gray Brick 2 x 2 (3003)	LEGO Medium Stone Gray Brick 2 x 4 (3001)	LEGO Medium Stone Gray Plate 2 x 2 (3022)	LEGO Dark Stone Gray Slope 45° 2 x 2 Inverted (3676)
x3	x12	x1	x3	x3	x3	x6	x26	x110	x52	x10	x4

 LEGO Medium Stone Gray Brick 2 x 6 (2456 / 44237) x19	 LEGO Medium Stone Gray Panel 1 x 6 x 5 (59349) x9	 LEGO Dark Stone Gray Plate 3 x 3 (11212) x5	 LEGO Medium Stone Gray Tile 2 x 4 (87079) x16	 LEGO Medium Stone Gray Tile 2 x 2 with Groove (3068) x9	 LEGO Medium Stone Gray Tile 1 x 3 (63864) x5	 LEGO Dark Stone Gray Plate 8 x 8 (41539) x1	 LEGO Medium Stone Gray Slope 45° 1 x 2 (3040) x2	 LEGO Medium Stone Gray Plate 2 x 4 (3020) x10	 LEGO Medium Stone Gray Plate 4 x 12 (3029) x4	 LEGO White Plate 2 x 10 (3832) x1	 LEGO Medium Stone Gray Plate 16 x 16 with Underside Ribs (91405) x2
 LEGO Medium Stone Gray Plate 2 x 12 (2445) x10	 LEGO Dark Stone Gray Plate 1 x 8 (3460) x1	 LEGO Medium Stone Gray Brick 1 x 2 x 5 with Groove (88393) x20	 LEGO Medium Stone Gray Round Plate 2 x 2 with Axle Hole (with 'X' Axle Hole) (4032) x3	 LEGO Medium Stone Gray Round Slope Brick 2 x 2 (98100) x6	 LEGO Medium Stone Gray Brick Round 1 x 1 with Open Stud with Open Stud (3062) x6	 LEGO Yellow Brick 1 x 1 with Headlight and Slot (4070) x40	 LEGO Yellow Plate 1 x 2 with Handle (Closed Ends) (48336) x20	 LEGO Medium Stone Gray Bracket 1 x 2 - 1 x 2 (99781) x7	 LEGO Medium Stone Gray Tile 1 x 2 with Groove (3069) x24	 LEGO Medium Stone Gray Bracket 1 x 2 - 1 x 4 with Rounded Corners (2436 / 10201 / 28802) x15	 LEGO Medium Stone Gray Plate 2 x 8 (3034) x6
 LEGO Medium Stone Gray Slope 45° 2 x 1 Inverted (3665) x6	 LEGO Medium Stone Gray Plate 1 x 1 (3024) x20	 LEGO Medium Stone Gray Round Tile 2 x 2 with Bottom Stud Holder (14769) x6	 LEGO Dark Stone Gray Plate 1 x 12 (60479) x5	 LEGO Dark Stone Gray Plate 2 x 3 (3021) x3	 LEGO Medium Stone Gray Plate 2 x 6 (3795) x9	 LEGO Medium Stone Gray Plate 6 x 12 (3028) x4	 LEGO Medium Stone Gray Brick 2 x 3 (3002) x26	 LEGO Medium Stone Gray Plate 1 x 10 (4477) x6	 LEGO Medium Stone Gray Tile 1 x 1 Half Circle (24246 / 35399) x12	 LEGO Medium Stone Gray Brick 1 x 10 (6111) x3	 LEGO Medium Stone Gray Tile Corner 2 x 2 (14719) x1
 LEGO Medium Stone Gray Plate 8 x 8 (41539) x1	 LEGO Medium Stone Gray Slope Curved 4 x 2 (93606) x3	 LEGO Medium Stone Gray Brick 1 x 2 x 5 (2454) x16	 LEGO Dark Stone Gray Plate 2 x 8 (3034) x1	 LEGO Medium Stone Gray Plate 4 x 4 (3031) x4	 LEGO Medium Stone Gray Slope 25° (33) 1 x 3 (4286) x3	 LEGO Medium Stone Gray Technic Brick 1 x 10 with Holes (2730) x4	 LEGO Medium Stone Gray Left Wedge Plate 2 x 2 27° (24299) x3	 LEGO Medium Stone Gray Plate 1 x 2 with Door Rail (32028) x4	 LEGO Medium Stone Gray Right Wedge Plate 2 x 2 27° (24307) x3	 LEGO Medium Stone Gray Tile 2 x 2 with Vertical Pin (2460) x12	 LEGO Dark Stone Gray Plate 1 x 2 (3023) x3
 LEGO Medium Stone Gray Plate 1 x 3 (3623) x7	 LEGO Medium Stone Gray Plate 2 x 2 Corner (2420) x5	 LEGO Medium Stone Gray Plate 6 x 10 (3033) x1	 LEGO White Plate 1 x 2 (3023) x2	 LEGO White Tile 1 x 2 with Groove (3069) x1	 LEGO Medium Stone Gray Slope 25° (33) 3 x 1 Inverted (4287) x17	 LEGO White Plate 1 x 3 (3623) x2	 LEGO White Tile 1 x 3 (63864) x2	 LEGO Medium Stone Gray Technic Brick 1 x 2 with Hole (3700) x2	 LEGO Medium Stone Gray Tile 1 x 6 (6636) x5	 LEGO Medium Stone Gray Plate 1 x 2 with Handle (Closed Ends) (60478) x1	 LEGO Medium Stone Gray Brick 2 x 8 (3007 / 93888) x5

LEGO Medium Stone Gray Plate 4 x 4 with Open Centre 2 x 2 (64799)	LEGO Medium Stone Gray Tile 1 x 1 with Groove (3070)	LEGO Medium Stone Gray Tile 2 x 2° 90 with ° 45 Cut (27263)	LEGO Dark Stone Gray Tile 2 x 2 with Vertical Pin (2460) (26603)	LEGO Medium Stone Gray Tile 2 x 3 (26603)	LEGO White Plate 2 x 8 (3034)	LEGO Black Tile 1 x 2 Grille (with Bottom Groove) (2412)	LEGO White Brick 1 x 4 (3010)	LEGO White Brick 1 x 3 (3622)	LEGO White Brick 1 x 2 with Studs on 1 Side (11211)	LEGO White Panel 1 x 2 x 1 with Rounded Corners (4865 / 26169)	LEGO Dark Stone Gray Plate 1 x 1 (3024)
x4	x9	x8	x2	x4	x3	x10	x2	x3	x1	x1	x1
LEGO White Plate 2 x 3 (3021)	LEGO White Plate 2 x 4 (3020)	LEGO Orange Brick 1 x 2 (3004 / 93792)	LEGO Medium Stone Gray Plate 1 x 2 with 1 Stud (with Groove) (3794)	LEGO Red Brick 1 x 3 (3622)	LEGO Red Tile 1 x 3 (63864)	LEGO White Pin Joiner Round with Slot (29219 / 62462)	LEGO White Tile 1 x 1 with Groove (3070)	LEGO White Round Tile 1 x 1 (98138)	LEGO Medium Stone Gray Axle 3 (4519)	LEGO Medium Stone Gray Bushing (6590 / 42798)	LEGO Medium Stone Gray Angle Connector #6 (90°) (32014 / 42155)
x4	x4	x1	x18	x1	x1	x6	x2	x2	x24	x12	x6
LEGO Medium Stone Gray Slope 45° 2 x 2 (3039)	LEGO Dark Stone Gray Plate 1 x 3 (3623)	LEGO White Brick 2 x 3 (3002)	LEGO White Brick 1 x 1 (3005)	LEGO White Tile 1 x 8 (4162)	LEGO White Brick 1 x 1 with Headlight and Slot (4070)	LEGO Medium Stone Gray Angle Connector #2 (180°) (32034)	LEGO Red Axle 2 with Grooves (32062)	LEGO Black Axle 6 (3706)	LEGO Medium Stone Gray Half Bushing (32123)	LEGO Medium Stone Gray Axle Connector (Smooth with 'x' Hole) (59443)	LEGO Medium Stone Gray Technic Through Axle Connector with Bushing (32039)
x1	x1	x2	x1	x3	x15	x2	x35	x2	x20	x10	x14
LEGO Medium Stone Gray Beam 1 with Axle (22961)	LEGO Medium Stone Gray Axle 5 (32073)	LEGO Dark Stone Gray Angle Connector #4 (135°) (32192)	LEGO Medium Stone Gray Angle Connector #1 (32013)	LEGO Medium Stone Gray Axle 7 (44294)	LEGO Black Axle 4 (3705)	LEGO Medium Stone Gray Tile 1 x 2 Grille (with Bottom Groove) (2412)	LEGO Medium Stone Gray Arch 1 x 3 x 2 with Curved Top (6005 / 92903)	LEGO Medium Stone Gray Round Plate 1 x 1 (6141)	LEGO Blue Half Pin with Stud (4274)	LEGO Medium Stone Gray Half Pin with Bar 2L (61184)	LEGO Medium Stone Gray Long Pin with Slots and No Friction (32556)
x12	x2	x4	x4	x2	x4	x4	x12	x1	x2	x3	x12
LEGO Yellow Round Plate 2 x 2 with Rounded Bottom (2654)	LEGO Medium Stone Gray Technic Brick 1 x 1 with Hole (6541)	LEGO Medium Stone Gray Plate 1 x 3 with 2 Studs Double Jumper (34103)	LEGO Medium Stone Gray Brick 1 x 2 x 1.33 with Curved Top (6091)	LEGO Medium Stone Gray Brick 1 x 4 (3010)	LEGO Medium Stone Gray Slope 31° 1 x 1 (50746 / 54200)	LEGO Yellow Brick 1 x 4 with 4 Studs on 1 Side (30414)	LEGO Medium Stone Gray Tile 1 x 1 with Clip (No Cut in Center) (2555 / 12825)	LEGO Medium Stone Gray Brick 1 x 1 with Stud on 1 Side (87087)	LEGO Yellow Round Tile 2 x 2 with Normal Bottom (4150)	LEGO Yellow Brick 2 x 2 Round with Hole Ø4,85 (17485)	LEGO Yellow Round Plate 2 x 2 with Axle Hole (with 'X' Axle Hole) (4032)
x1	x4	x2	x8	x2	x4	x3	x3	x5	x1	x2	x2



LEGO Black Technic Pin with Lengthwise Friction Ridges and Center Slots (2780)

x6



LEGO Medium Stone Gray Technic Hole with Pin (15100)

x2



LEGO Medium Stone Gray Brick 1 x 1 x 3 (14716)

x8



LEGO Medium Stone Gray Long Pin with Center Hole (87082)

x2



LEGO Medium Stone Gray Axle Connector (Ridged with 'x' Hole) (6538)

x49



LEGO Dark Stone Gray Technic Beam 1 Hole with 2 Axles 180° (27940)

x2



LEGO White Angle Connector #6 (90°) (32014 / 42155)

x2



LEGO Blue Axle to Pin Connector with Friction (43093)

x1



LEGO Black Bar 1 x 4 (21462 / 30374)

x9



LEGO Black Bar 1 x 6.6 with Stop Ring .6 with Thin Stop Ring (4095 / 63965)

x6



LEGO White Half Bushing (32123)

x4



LEGO Black Axle 2m with Pin with Friction (18651)

x2



LEGO Red Pin Joiner Round with Slot (29219 / 62462)

x2



LEGO Red Plate 1 x 2 with 1 Stud (with Groove) (3794)

x2



LEGO Medium Stone Gray Plate 1 x 2 with Horizontal Clip on End (63868)

x1