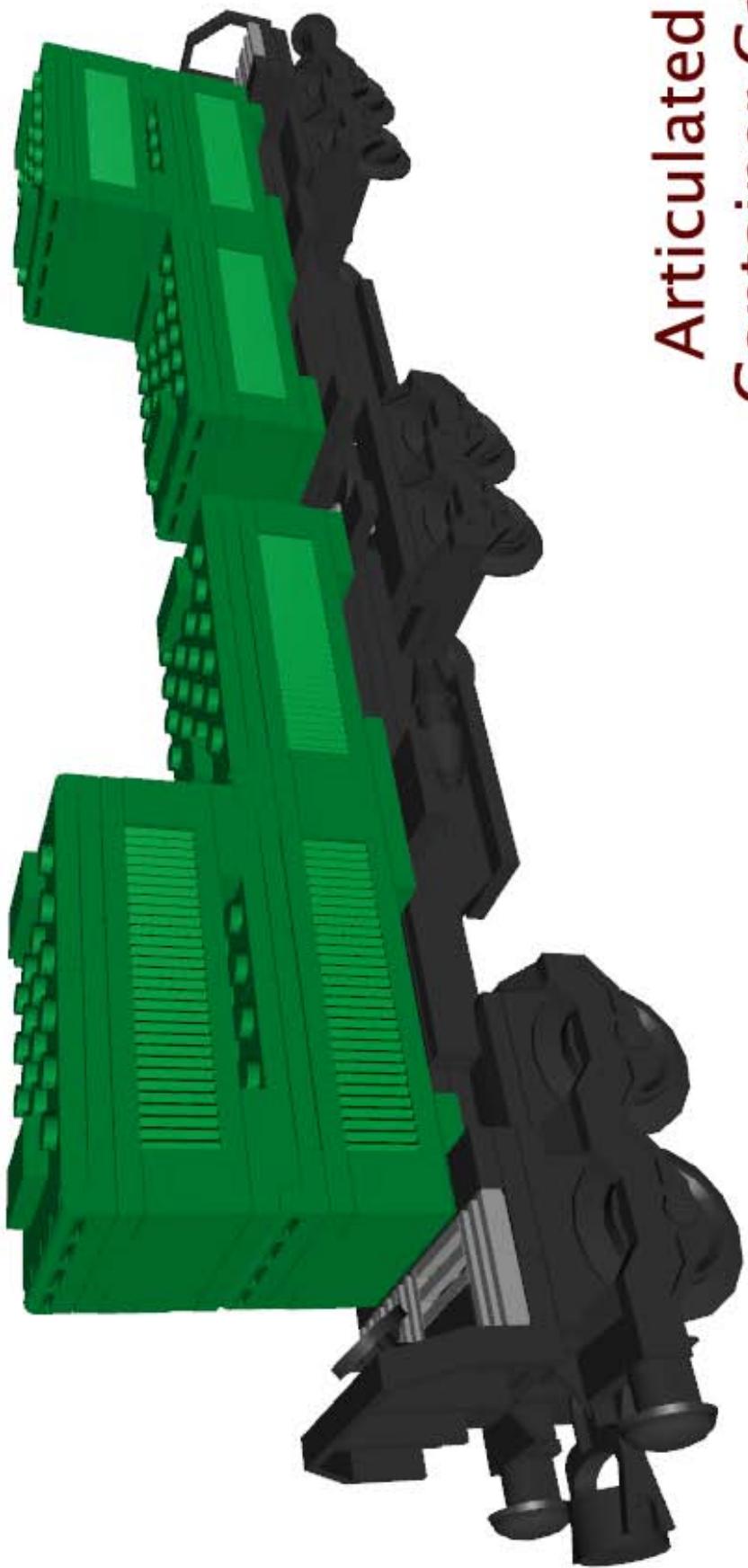


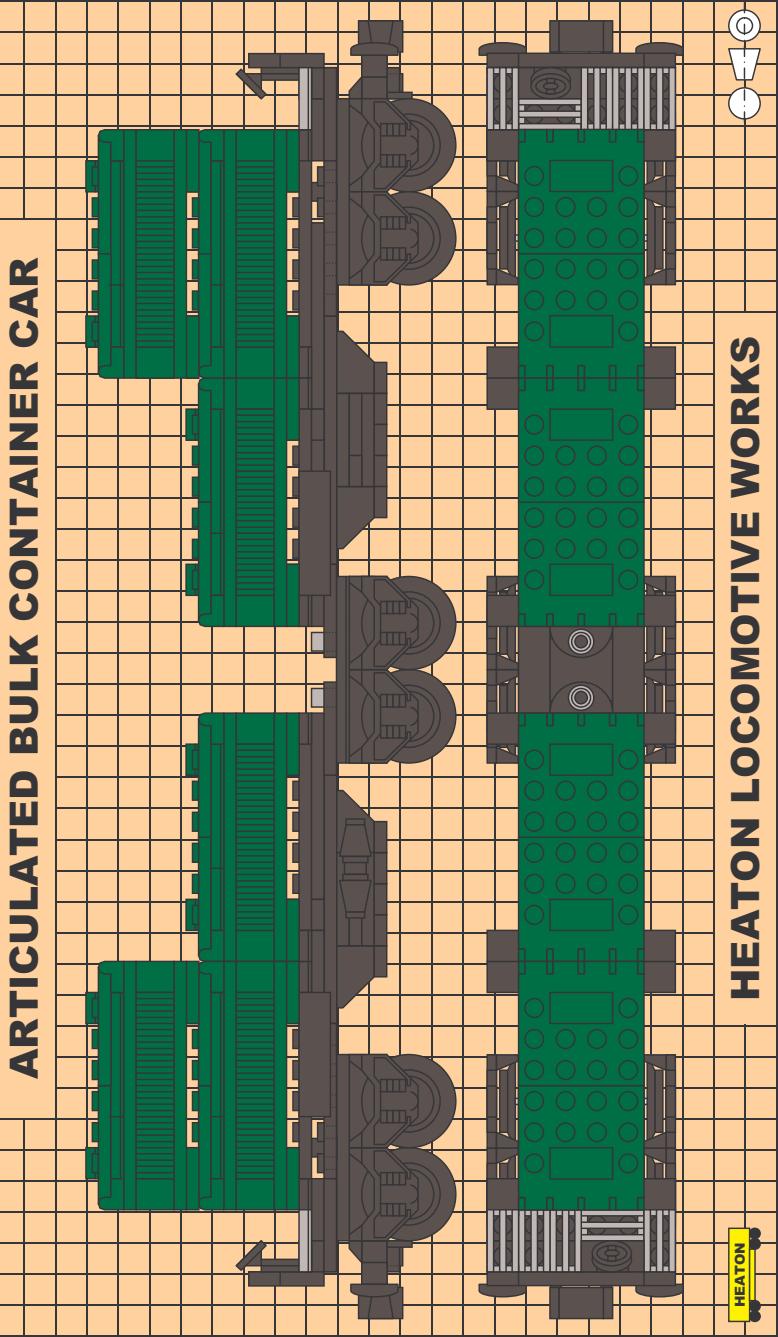
# Articulated Bulk Container Carrier

by Chris van Lottum



2436	Bracket 1x2 - 1x4	Black	4
3010	Brick 1x4	Green	12
2877	Brick, Modified 1x2 with Grill	Green	36
3829c01	Car, Tile, Modified 1x2 with Black Steering Wheel	Black	2
4569	Cone 1x1	Black	4
4213	Hinge Car Roof 4x4	Green	12
4625	Hinge Tile 1x4	Green	12
73092	Magnet Cylindrical	Black	2
3024	Plate 1x1	Black	4
3023	Plate 1x2	Black	4
3023	Plate 1x2	Green	12
3623	Plate 1x3	Black	8
3666	Plate 1x6	Black	4
3460	Plate 1x8	Green	12
2420	Plate 2x2 Corner	Green	24
3021	Plate 2x3	Black	4
3020	Plate 2x4	Black	5
3795	Plate 2x6	Black	8
3034	Plate 2x8	Black	2
3035	Plate 4x8	Green	6
4081b	Plate, Modified 1x1 with Clip Light - Type 2 (thick ring)	Black	2
3794	Plate, Modified 1x2 with 1 Stud	Black	14
4623	Plate, Modified 1x2 with Arm Up	Black	2
6583	Plate, Modified 1x6 with Train Wagon End	Black	2
3176	Plate, Modified 3x2 with 1 Hole	Black	2
3665	Slope, Inverted 45 2x1	Black	4
4247	Technic, Pin 1/2	L.B.Grey	2
3738	Technic, Plate 2x8 with 7 Holes	Black	2
3069b	Tile 1x2 with Groove	Black	2
3069b	Tile 1x2 with Groove	Green	24
2431	Tile 1x4	Black	4
2431	Tile 1x4	Green	12
6366	Tile 1x6	Black	10
3068b	Tile 2x2 with Groove	Black	1
2412b	Tile, Modified 1x2 Grill with Groove	L.B.Grey	18
4092	Train Bogie Plate	Black	2
4022	Train Buffer Beam	Black	2
2090	Train Coupling New	Black	2
2878c01	Train Wheel 2, Complete Assembly	Black	6

## ARTICULATED BULK CONTAINER CAR



If you have a LEGO® town layout, you must have some of those great little trash cans? So what better way to ship LEGO® trash to the recycling centre than by rail!

The Heaton Locomotive Works is proud to present our rendition of the FreightCar America Articulated Bulk Container Car.

This flexible frame has been designed to carry both the 8-stud and 16-stud long standard LEGO containers, and will accommodate 4-stud and 6-stud wide variants. The cars are illustrated with a custom waste container stacked in a prototypical manner to equalise the shared loading over the trucks.

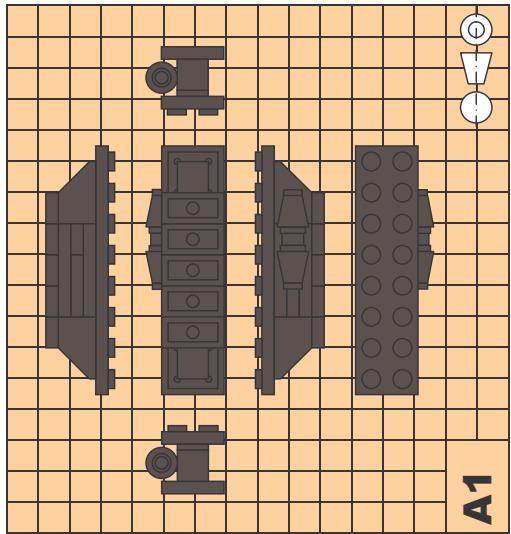
Chris van Lottum  
Chief Engineer, Heaton Locomotive Works  
March 2007

Prototypical colours for the frames are the black shown or red. The containers are seen in many colours, but typically dark grey - we chose green as it seemed, well, greener; especially as we are talking recycling (Well you'd hardly throw bricks away if you were a Minifig would you?)

A design for modelling using LEGO® bricks from the Heaton Locomotive Works.

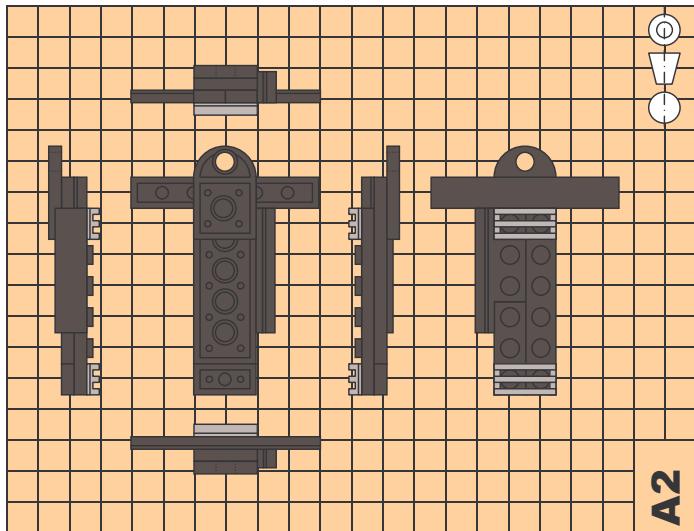
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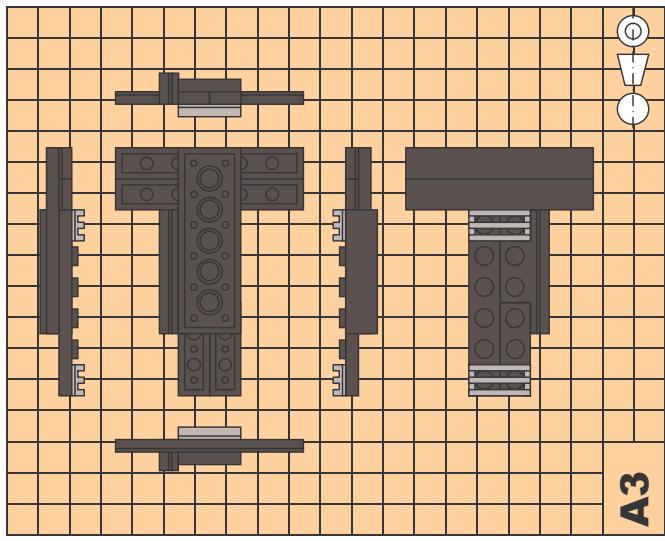
**A1**

4589	Cone 1 x 1	Black	2
3023	Plate 1 x 2	Black	1
3623	Plate 1 x 3	Black	2
3034	Plate 2 x 8	Black	1
3794	Plate, Modified 1 x 2 with 1 Stud	Black	5
3829c01	Plate, Modified 1 x 1 with Clip Light - Type 2 (Thick Ring)	Black	1
3665	Slope, Inverted 45 2 x 1	Black	2



**A2**

2436	Bracket 1 x 2 - 1 x 4	Black	1
3024	Plate 1 x 1	Black	1
3623	Plate 1 x 3	Black	1
3666	Plate 1 x 6	Black	1
3795	Plate 2 x 6	Black	1
2412b	Tile, Modified 1 x 2 Grill with Groove	L.B.Grey	2
2431	Tile 1 x 4	Black	1
6366	Tile 1 x 6	Black	2
2412b	Tile, Modified 1 x 2 Grill with Groove	L.B.Grey	2



**A3**

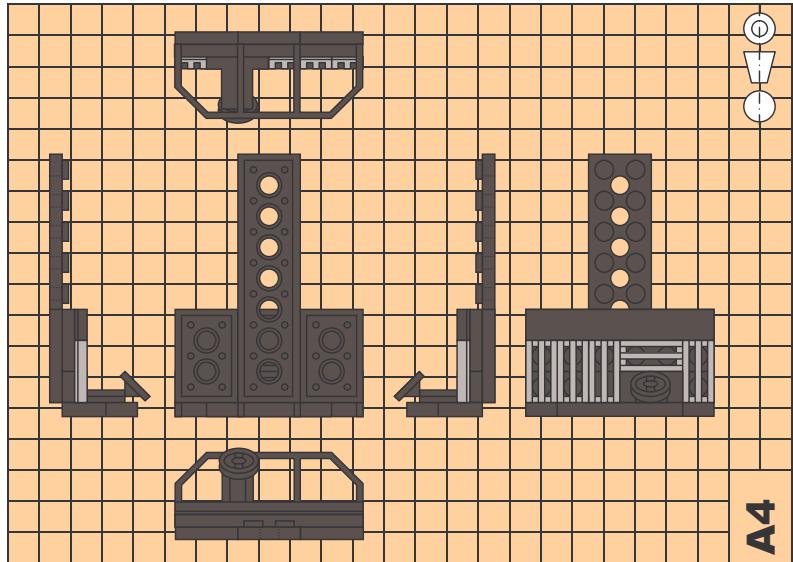
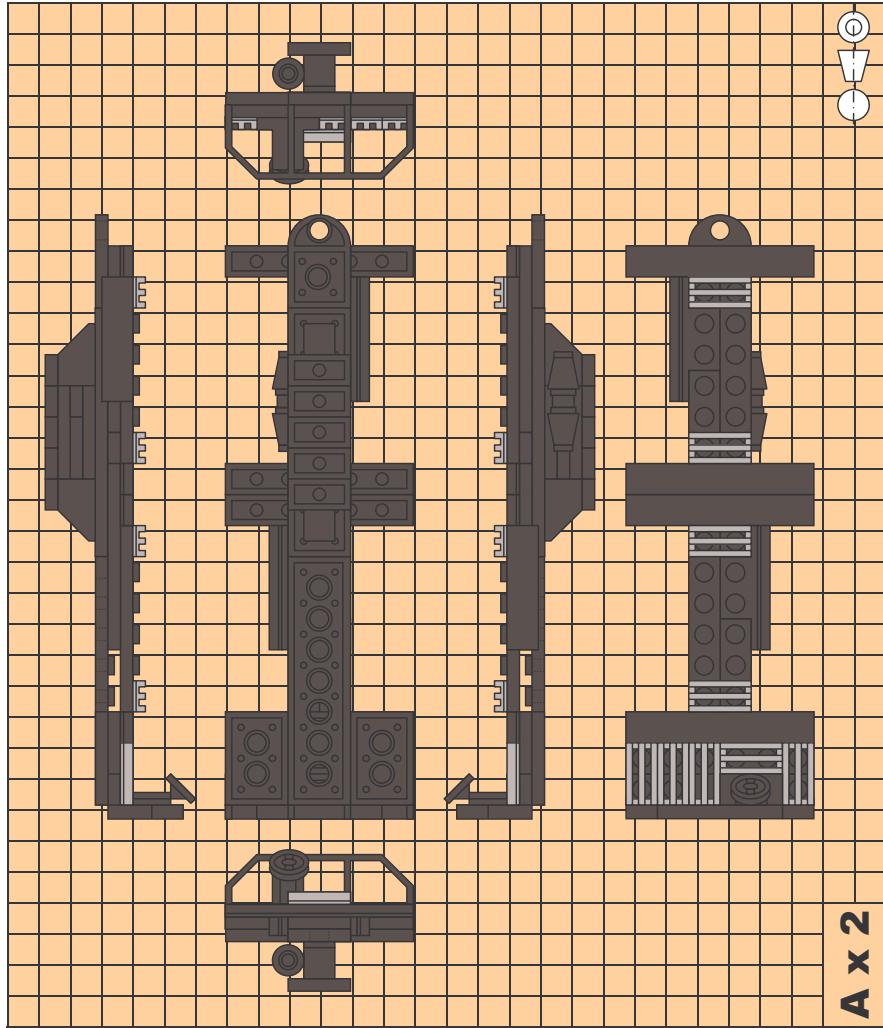
2436	Bracket 1 x 2 - 1 x 4	Black	1
3024	Plate 1 x 1	Black	1
3623	Plate 1 x 3	Black	1
3666	Plate 1 x 6	Black	1
3795	Plate 2 x 6	Black	1
2412b	Tile, Modified 1 x 2 Grill with Groove	L.B.Grey	2
2431	Tile 1 x 4	Black	1
6366	Tile 1 x 6	Black	2
2412b	Tile, Modified 1 x 2 Grill with Groove	L.B.Grey	2

**HEATON LOCOMOTIVE WORKS**  
Chris van Lethum, Chief Engineer

**CAR FRAME**

**ARTICULATED BULK  
CONTAINER CARRIER**





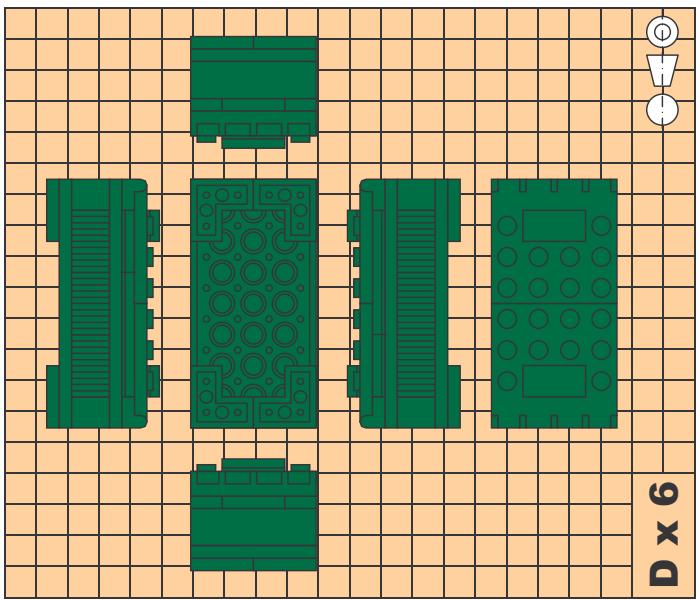
3829c01	Car, Tile, Modified 1 x 2 with Black Steering Wheel	Black	1
3021	Plate 2 x 3	Black	2
3795	Plate 2 x 6	Black	1
6583	Plate, Modified 1 x 6 with Train Wagon End	Black	1
3738	Technic, Plate 2 x 8 with 7 Holes	Black	1
6366	Tile 1 x 6	Black	1
2412b	Tile, Modified 1 x 2 Grill with Groove	L B Grey	5

**HEATON LOCOMOTIVE WORKS**  
Chris van Lathum, Chief Engineer



**CAR FRAME**

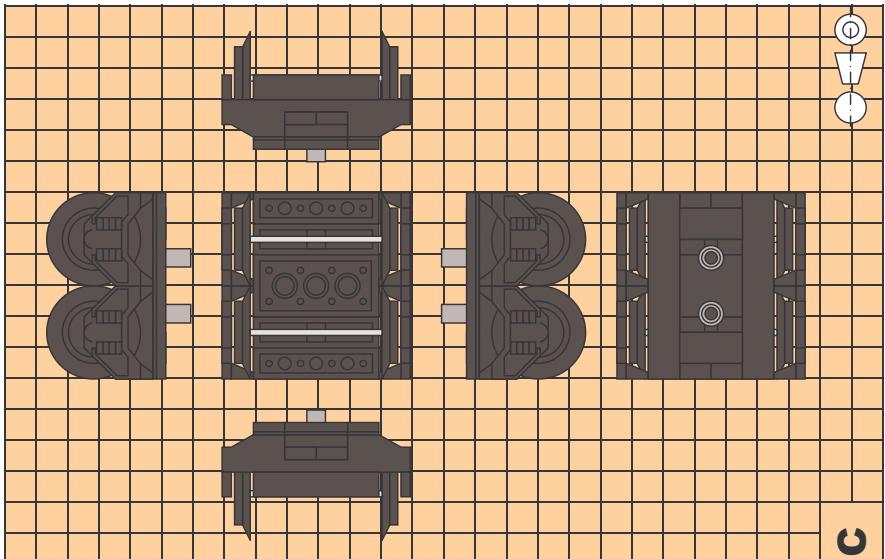
## **ARTICULATED BULK CONTAINER CARRIER**



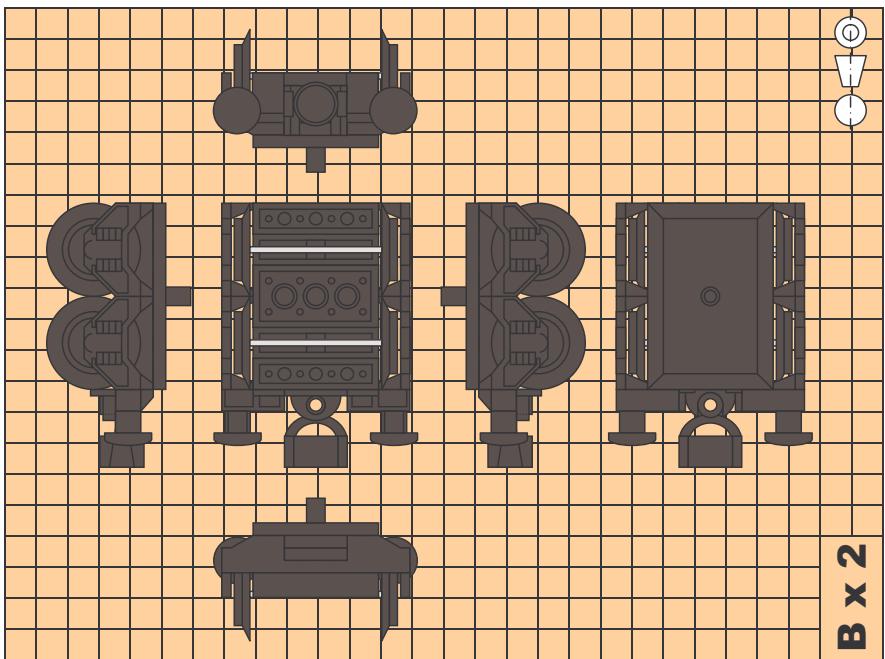
3010	Brick 1 x 4	Green	2
2877	Brick, Modified 1 x 2 with Grill	Green	6
4213	Hinge Car Roof 4 x 4	Green	2
4625	Hinge Tile 1 x 4	Green	2
3023	Plate 1 x 2	Green	2
3460	Plate 1 x 8	Green	2
2420	Plate 2 x 2 Corner	Green	4
3035	Plate 4 x 8	Green	1
3069b	Tile 1 x 2 with Groove	Green	4
2431	Tile 1 x 4	Green	2

**HEATON LOCOMOTIVE WORKS** **HEATON**  
**TRUCKS & WASTE CONTAINERS**  
**ARTICULATED BULK**  
**CONTAINER CARRIER**

Chris van Loftum, Chief Engineer



3020	Plate 2 x 4	Black	1
3794	Plate, Modified 1 x 2 with 1 Stud	Black	4
4623	Plate, Modified 1 x 2 with Arm Up	Black	2
4247	Technic, Pin 1/2	L.B.Grey	2
3069b	Tile 1 x 2 with Groove	Black	2
6366	Tile 1 x 6	Black	2
3068b	Tile 2 x 2 with Groove	Black	1
2878c01	Train Wheel 2, Complete Assembly	Black	2



73092	Magnet Cylindrical	Black	1
3020	Plate 2 x 4	Black	2
3795	Plate 2 x 6	Black	1
4092	Train Bogie Plate	Black	1
4022	Train Buffer Beam	Black	1
2090	Train Coupling New	Black	1
2878c01	Train Wheel 2, Complete Assembly	Black	2