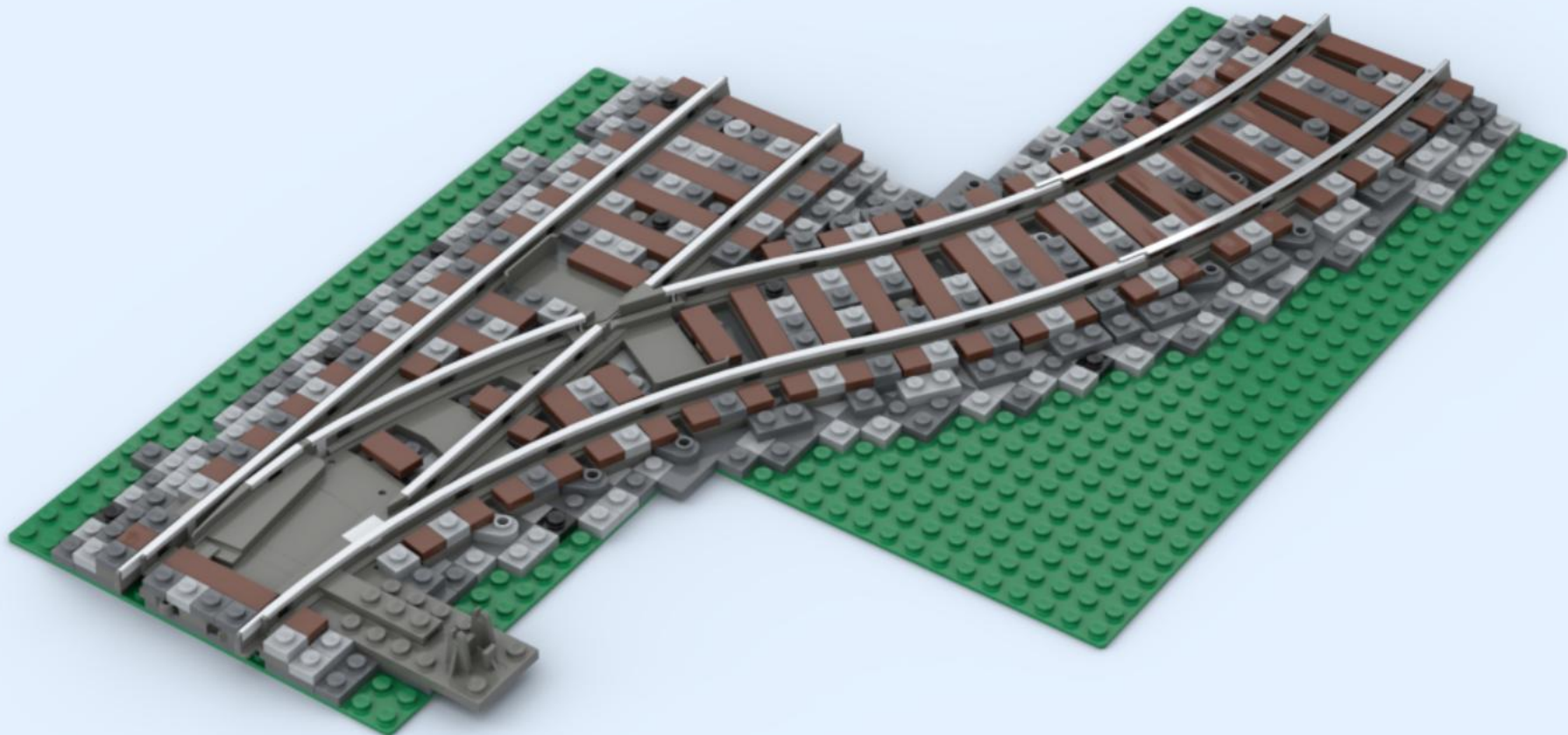


Puget Sound Lego Train Club Righthand Ballasted Switch

Design by: Derek Schin & John Sherman
Instructions by: John Sherman



Model Notes

PSLTC Ballast Standards:

Presented here is a Lego right-handed switch, raised one plate above the baseplates. For consistency in layouts and build integration, the Puget Sound Lego Train Club (PSLTC) uses the one-plate standard for its ballasted track. This is different than the two-plate and MILS standards used by many other clubs and builders.

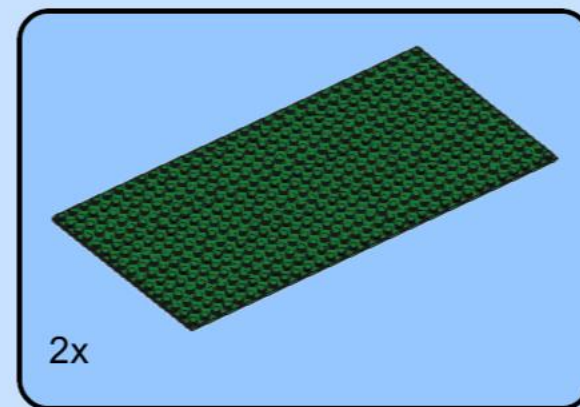
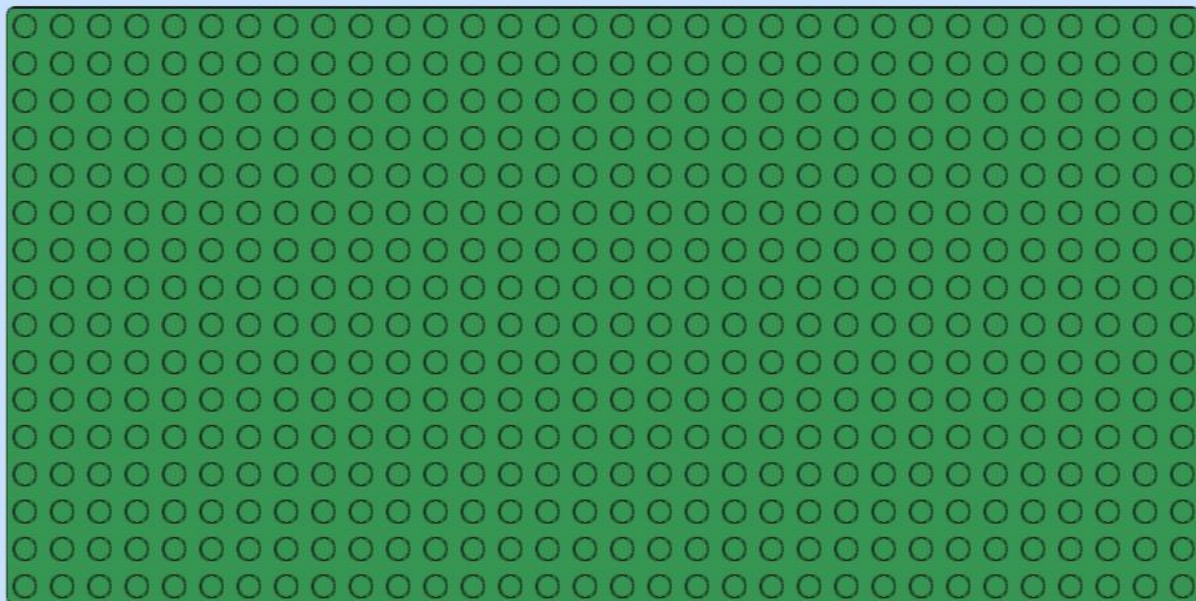
Ballast Color:

PSLTC ballast colors were originally dark gray, light gray, very light gray, and black (from Lego Mosaic sets). More recent schemes use light & dark bluish gray, with small amounts of tan, white, and black. For simplicity, these instructions use only light & dark bluish gray and black for ballast colors. The user is encouraged to substitute freely for the ballast colors of their choice.

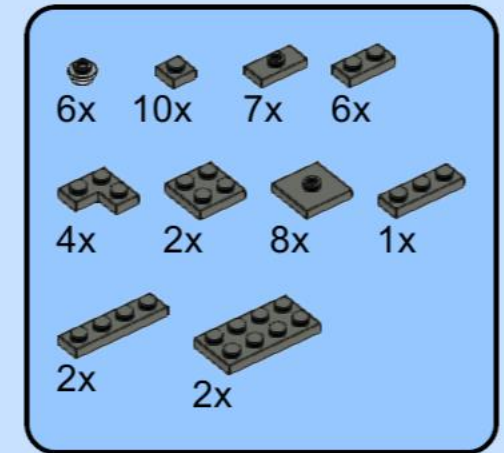
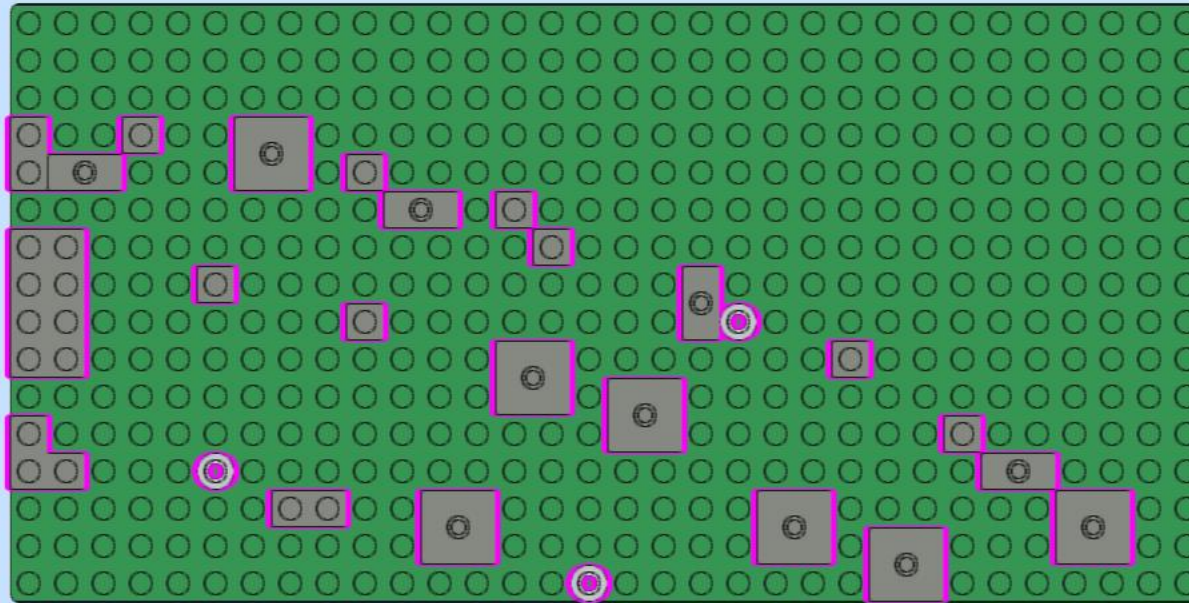
Ballast Texture:

For simplicity in the instruction, the cosmetic ballast pieces used here are primarily 1x1 plates. The user is encouraged to also mix in 1x1 tiles and 1x1 round plates & tiles for more varied texture.

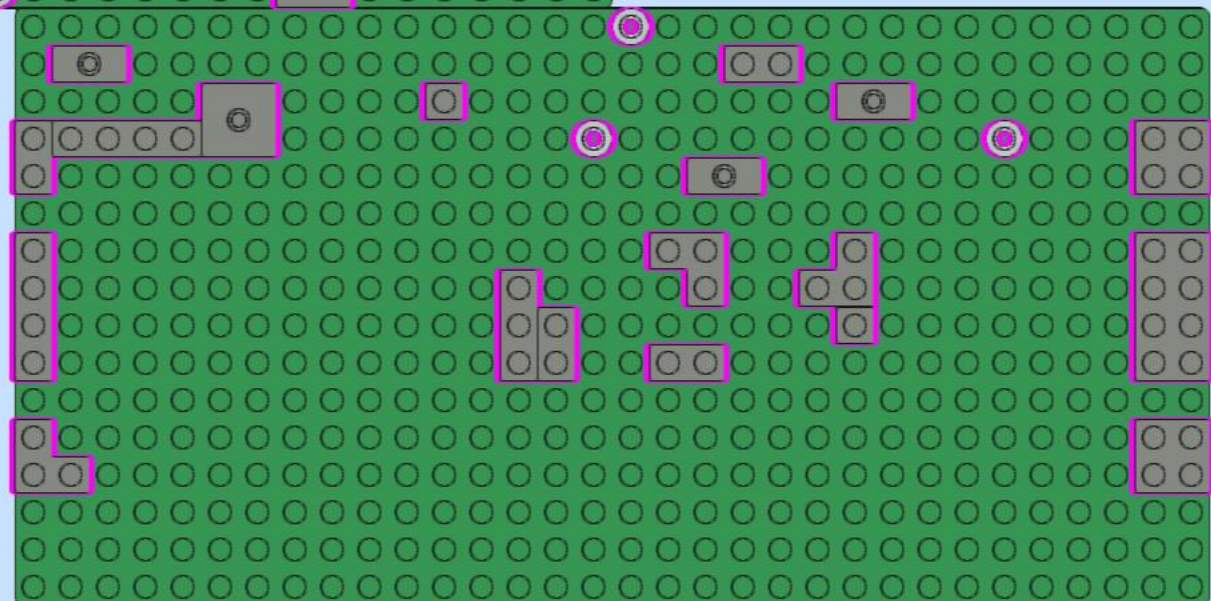
1



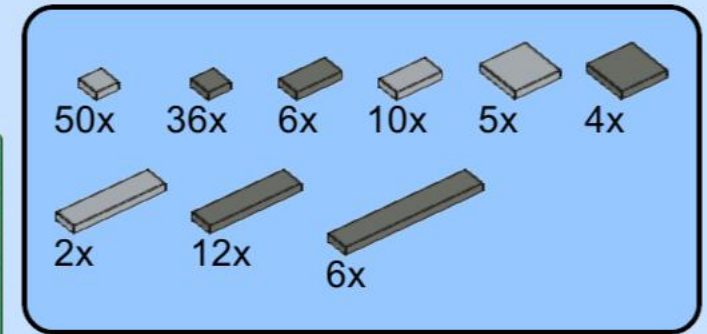
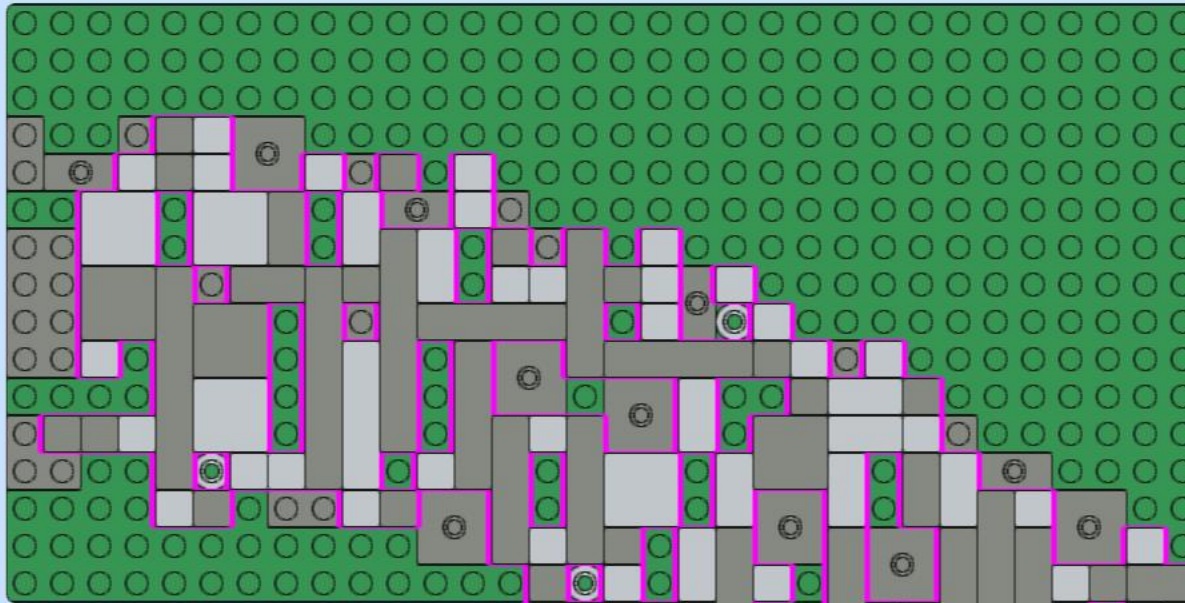
2



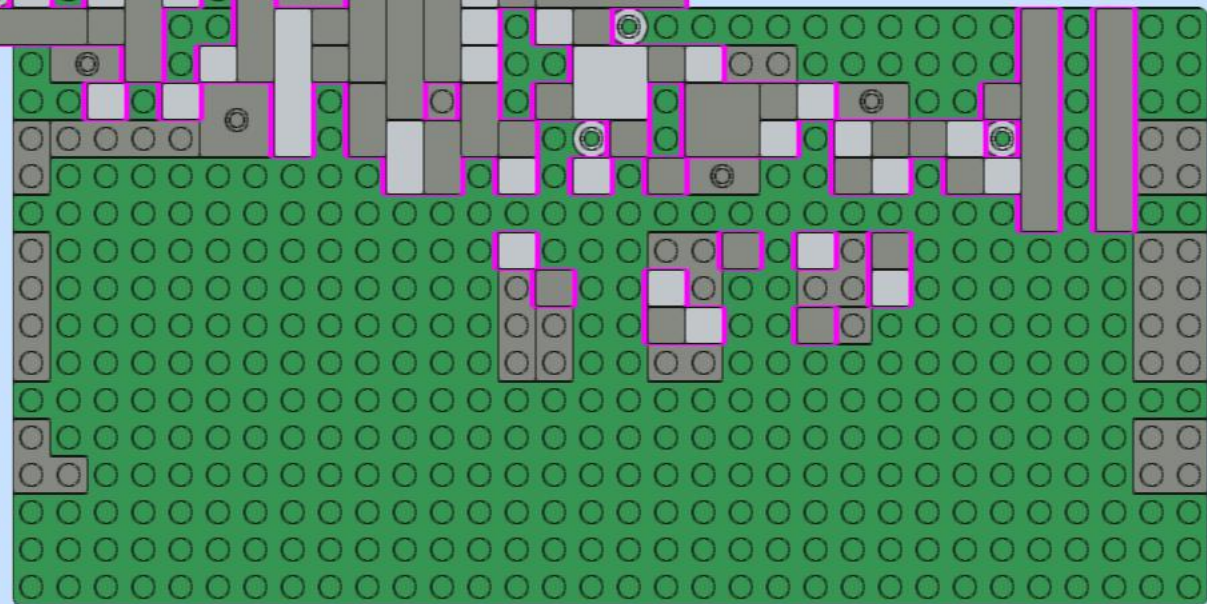
These pieces have studs required for the attachment of next-layer parts. Any ballast color may be used.



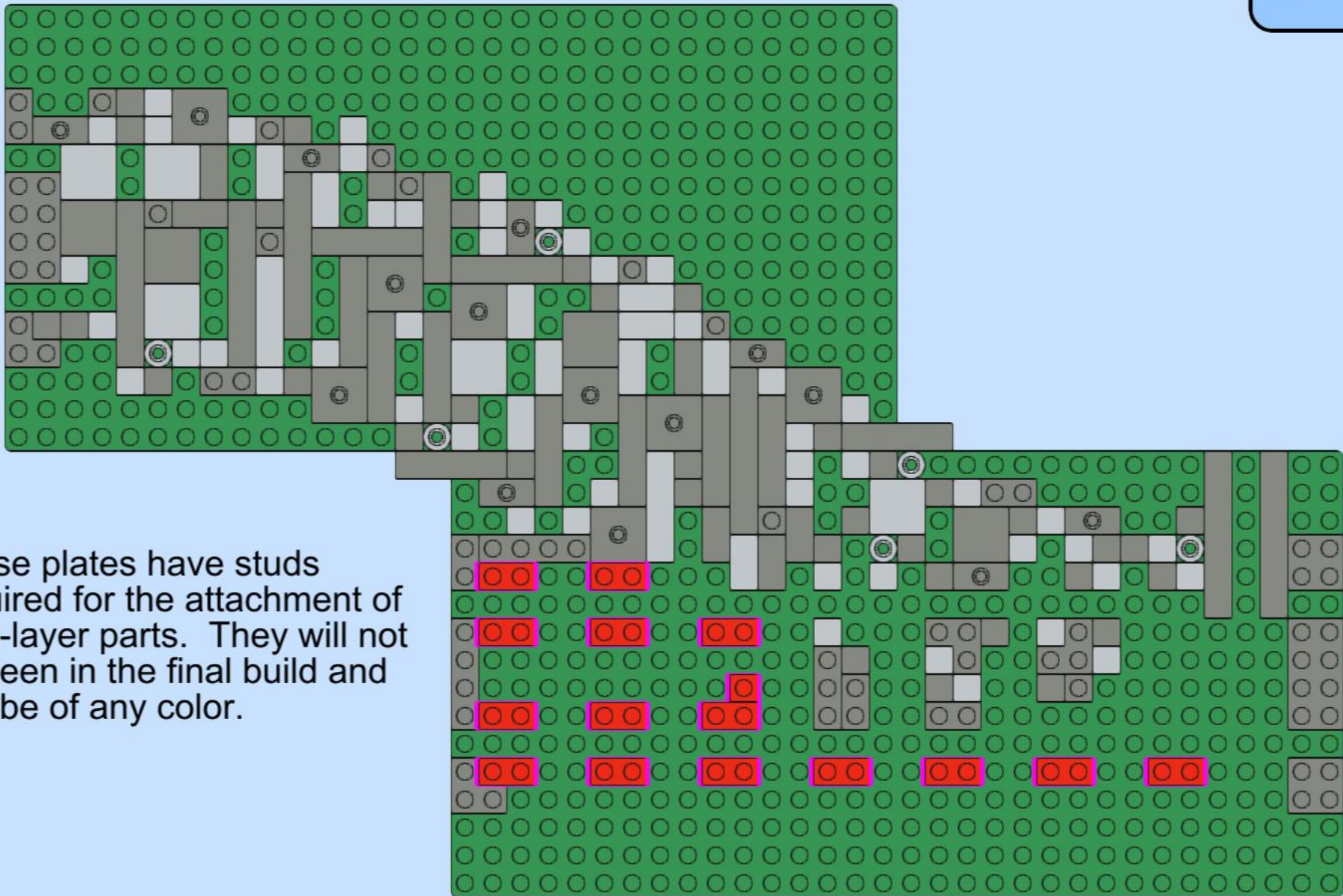
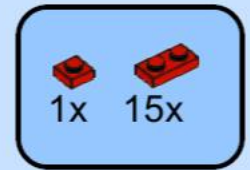
3



Tiles in this step may be varied in shape and size but need to fill the area shown. Any ballast color may be used.

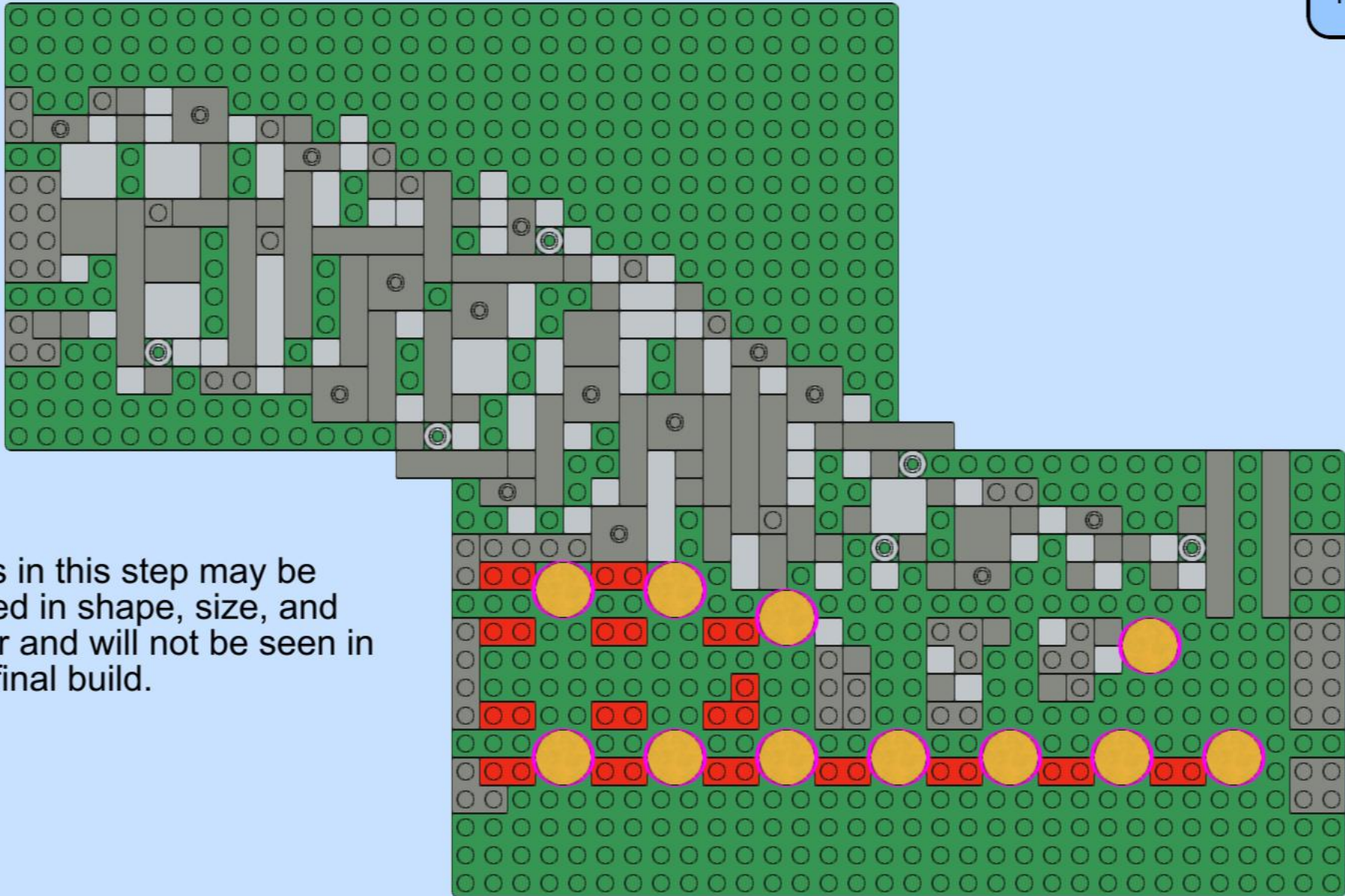


4



These plates have studs required for the attachment of next-layer parts. They will not be seen in the final build and can be of any color.

5



Tiles in this step may be varied in shape, size, and color and will not be seen in the final build.

6


4x

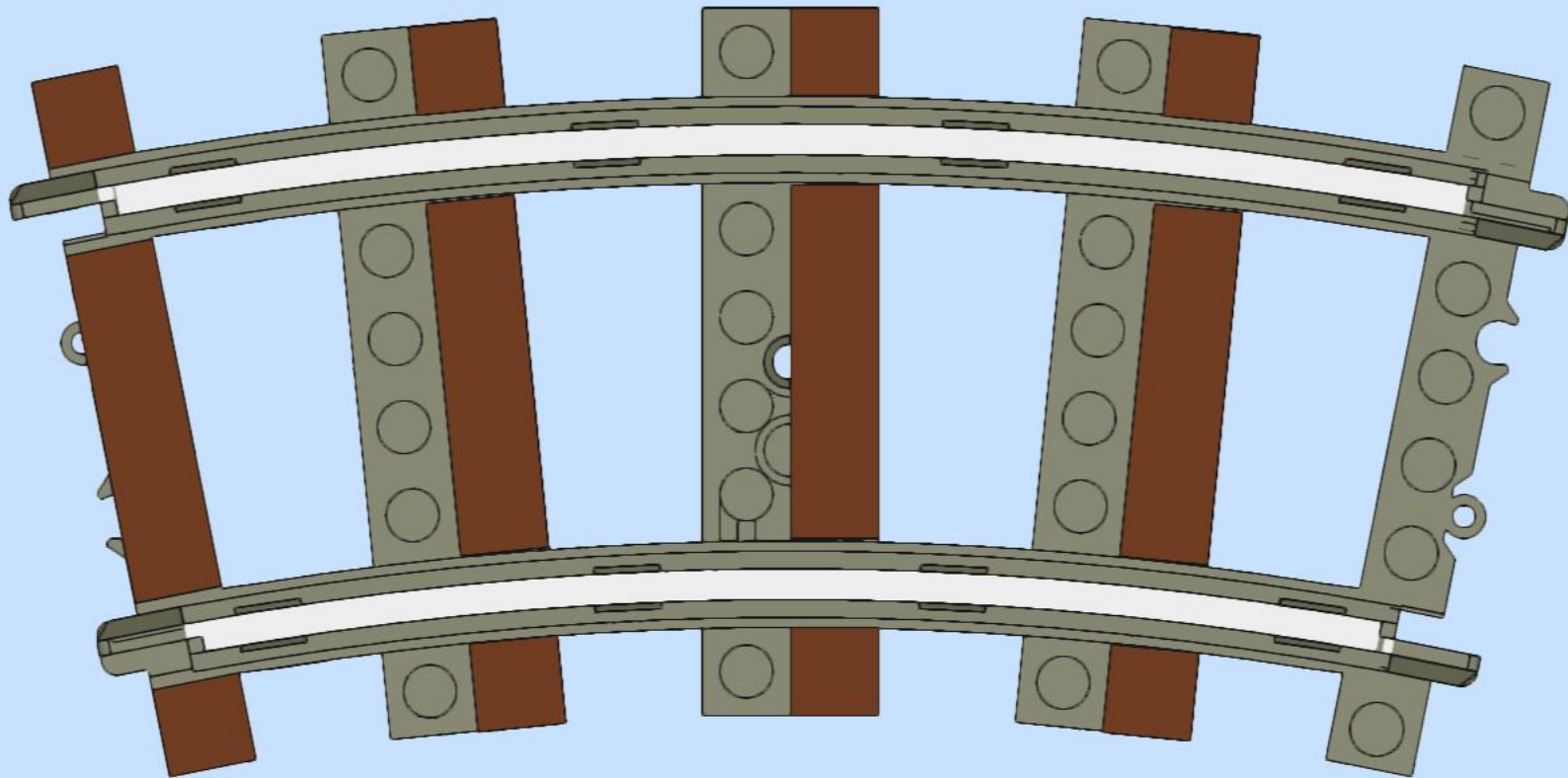
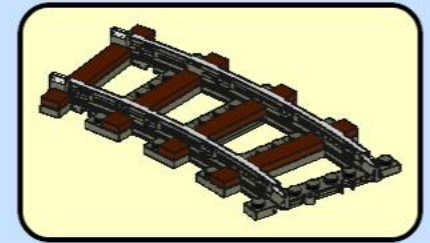
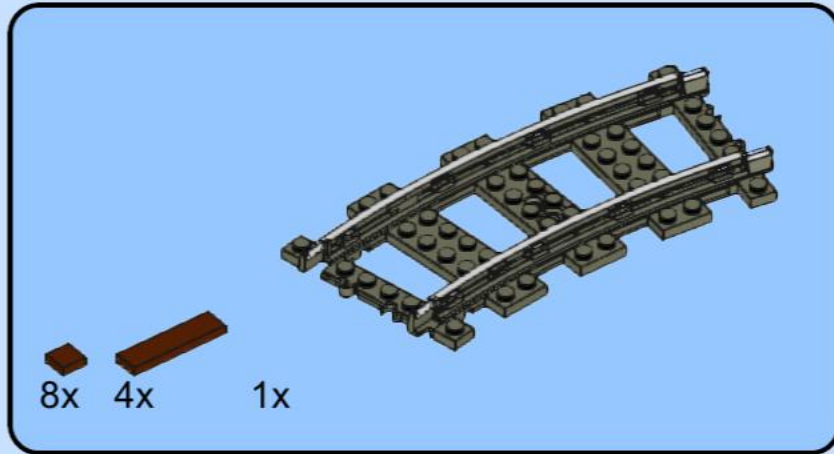

28x


29x

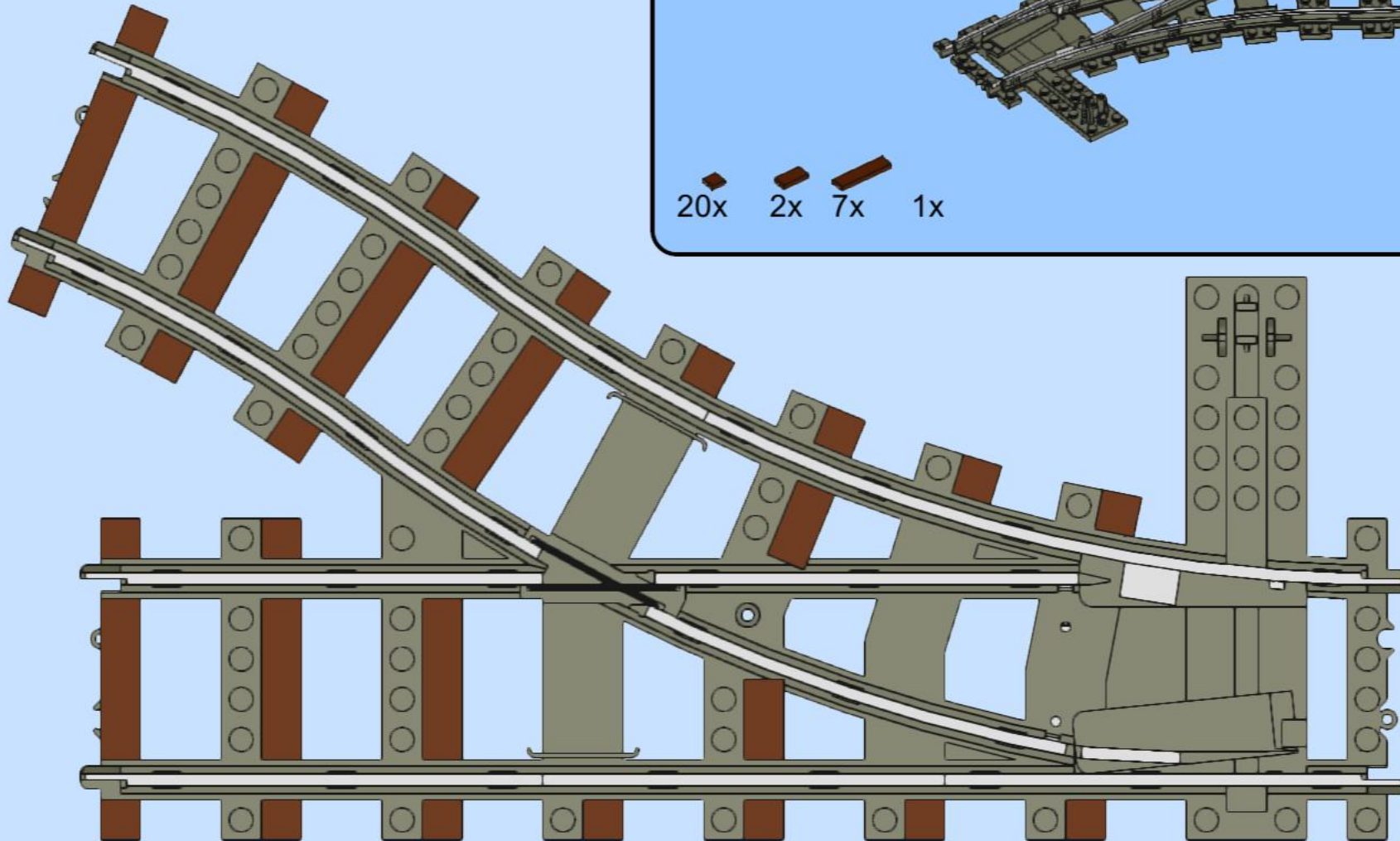
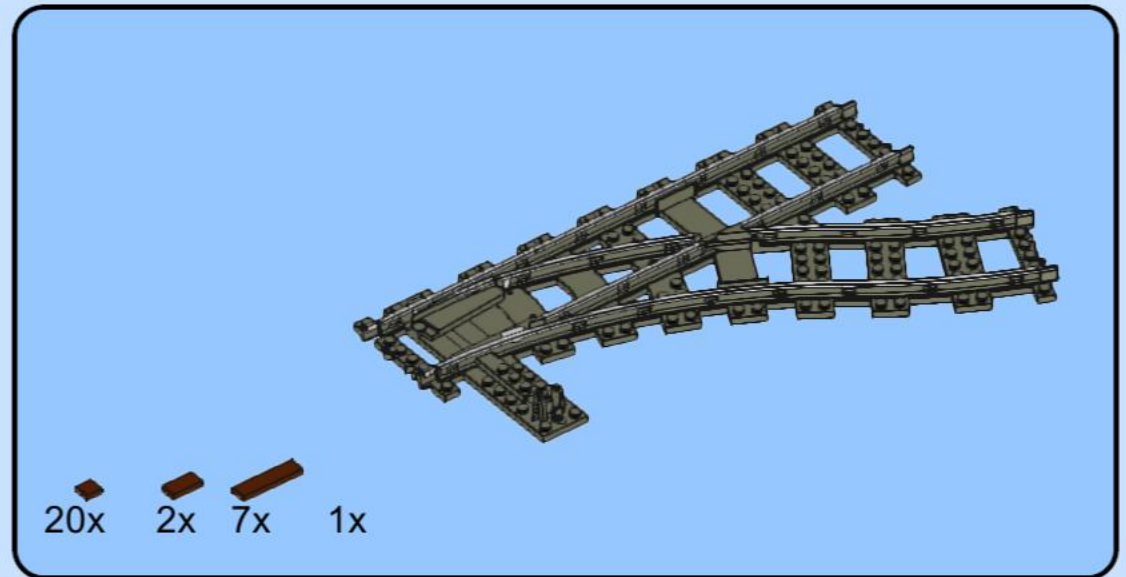
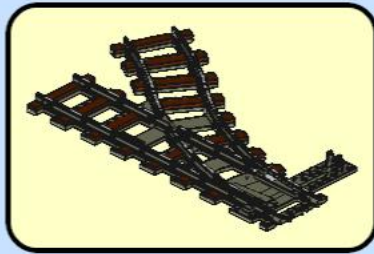


Pieces added in this step are for looks only and can be replaced with tiles, supplemented, or deleted as preferred by the builder. Any ballast color may be used.

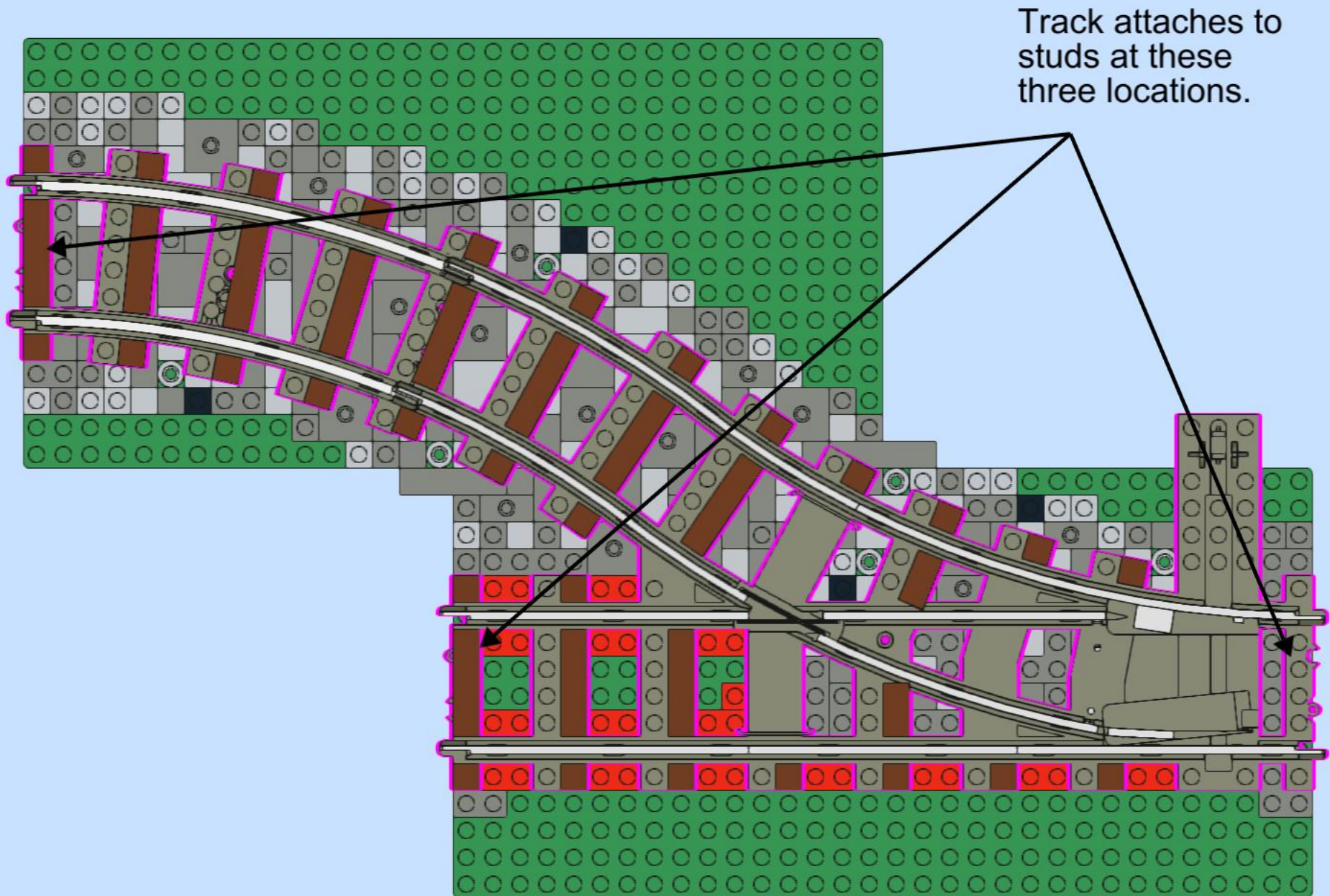
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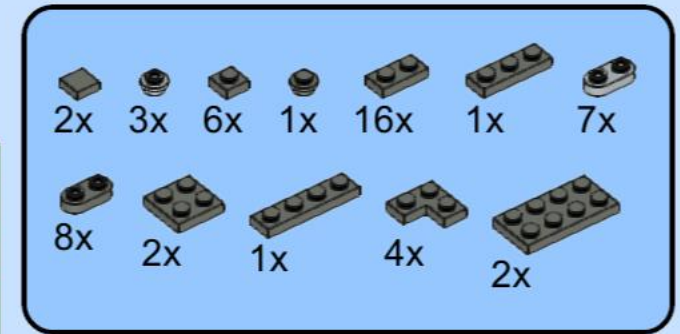
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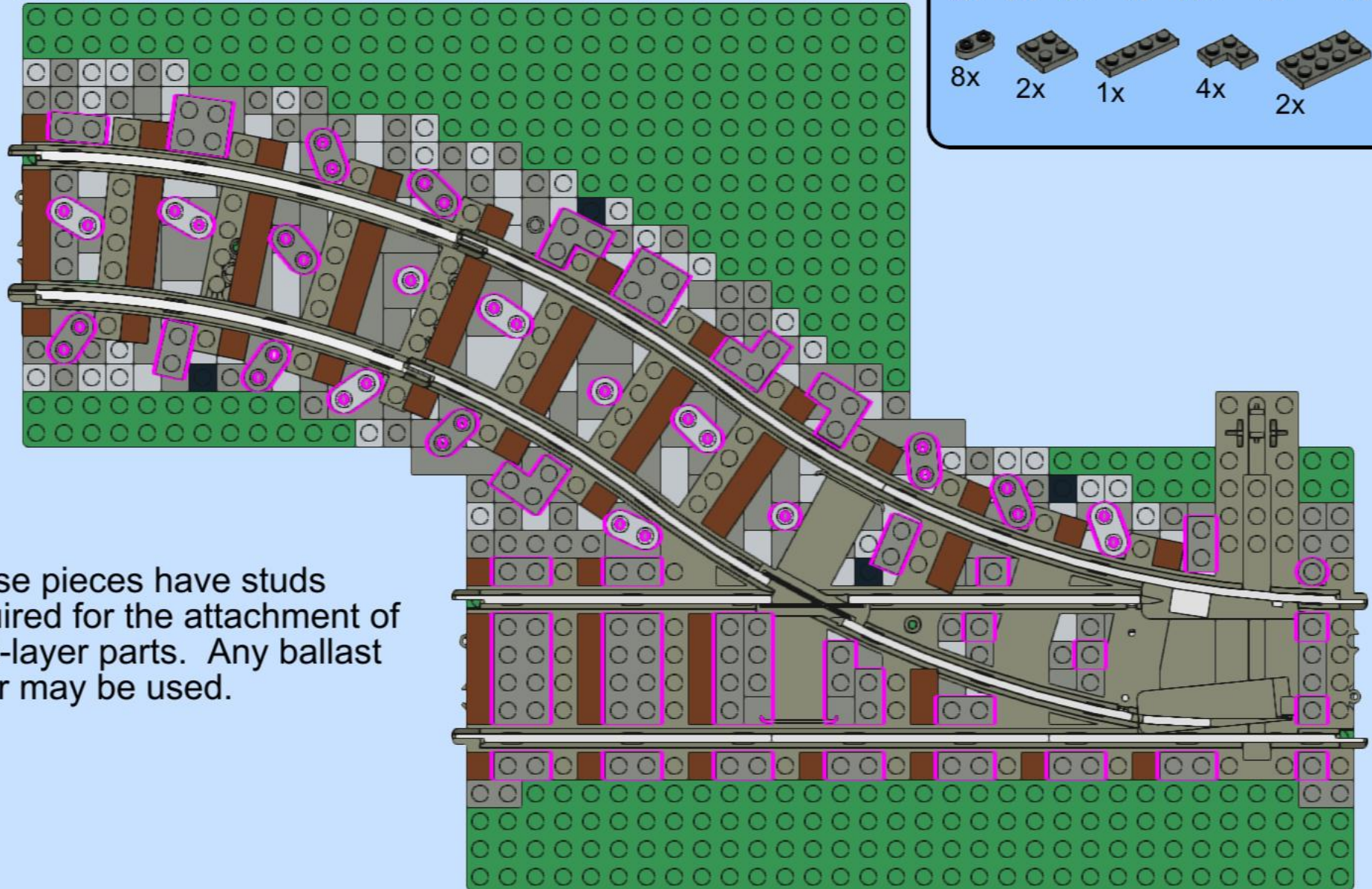
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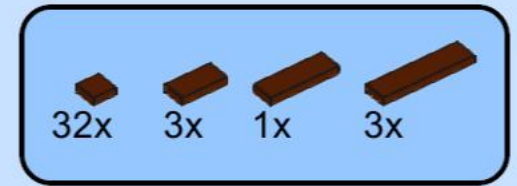
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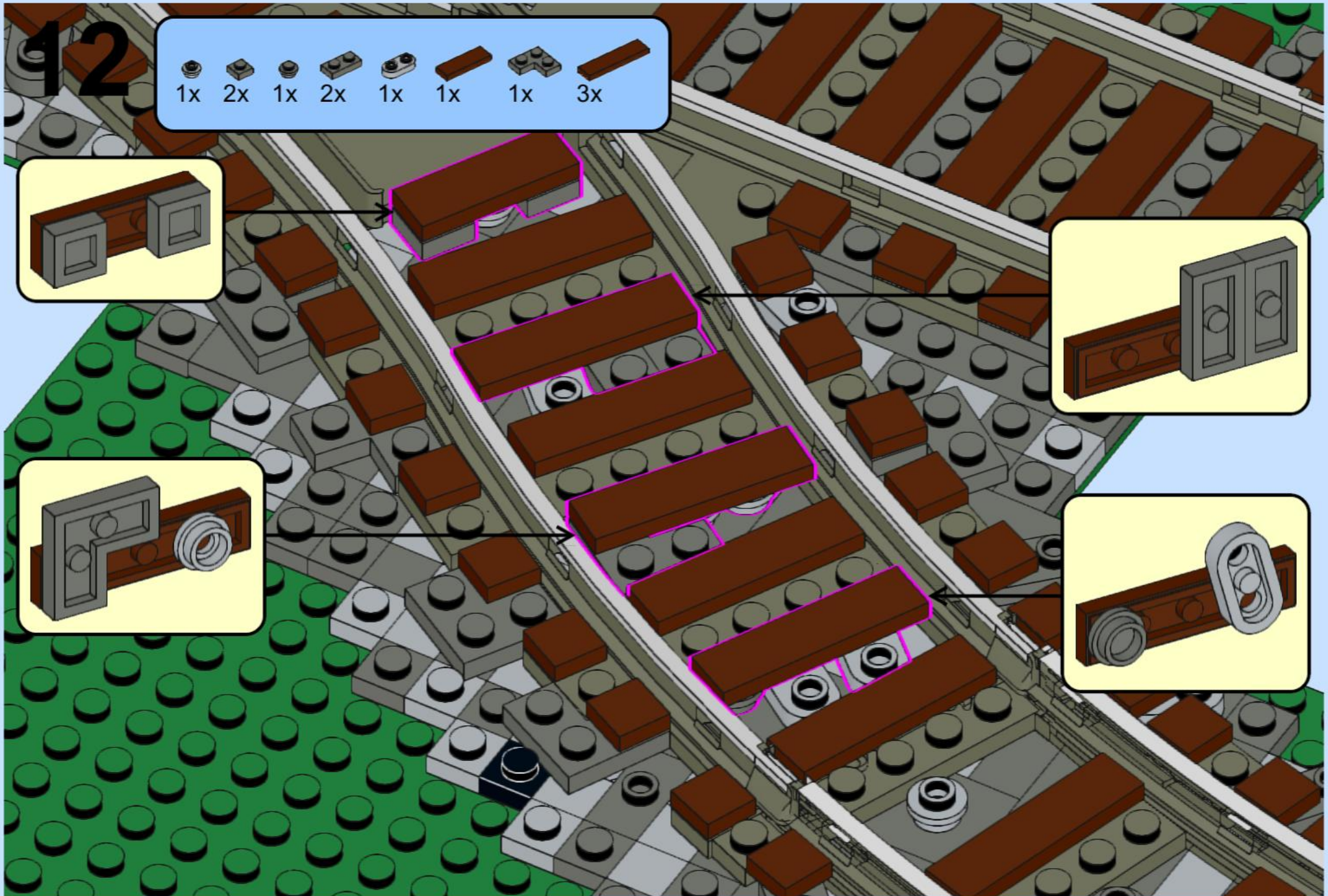


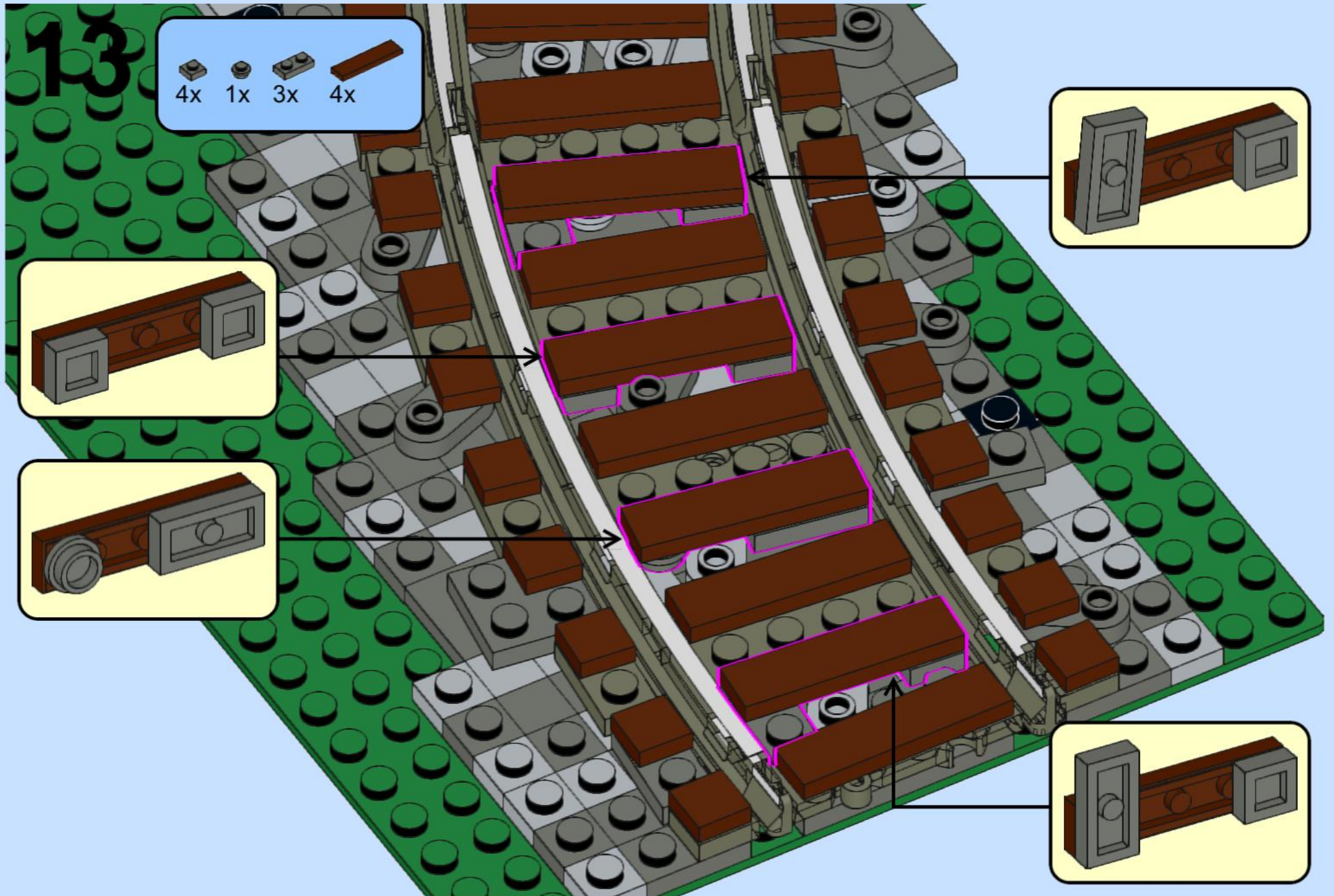
These pieces have studs required for the attachment of next-layer parts. Any ballast color may be used.



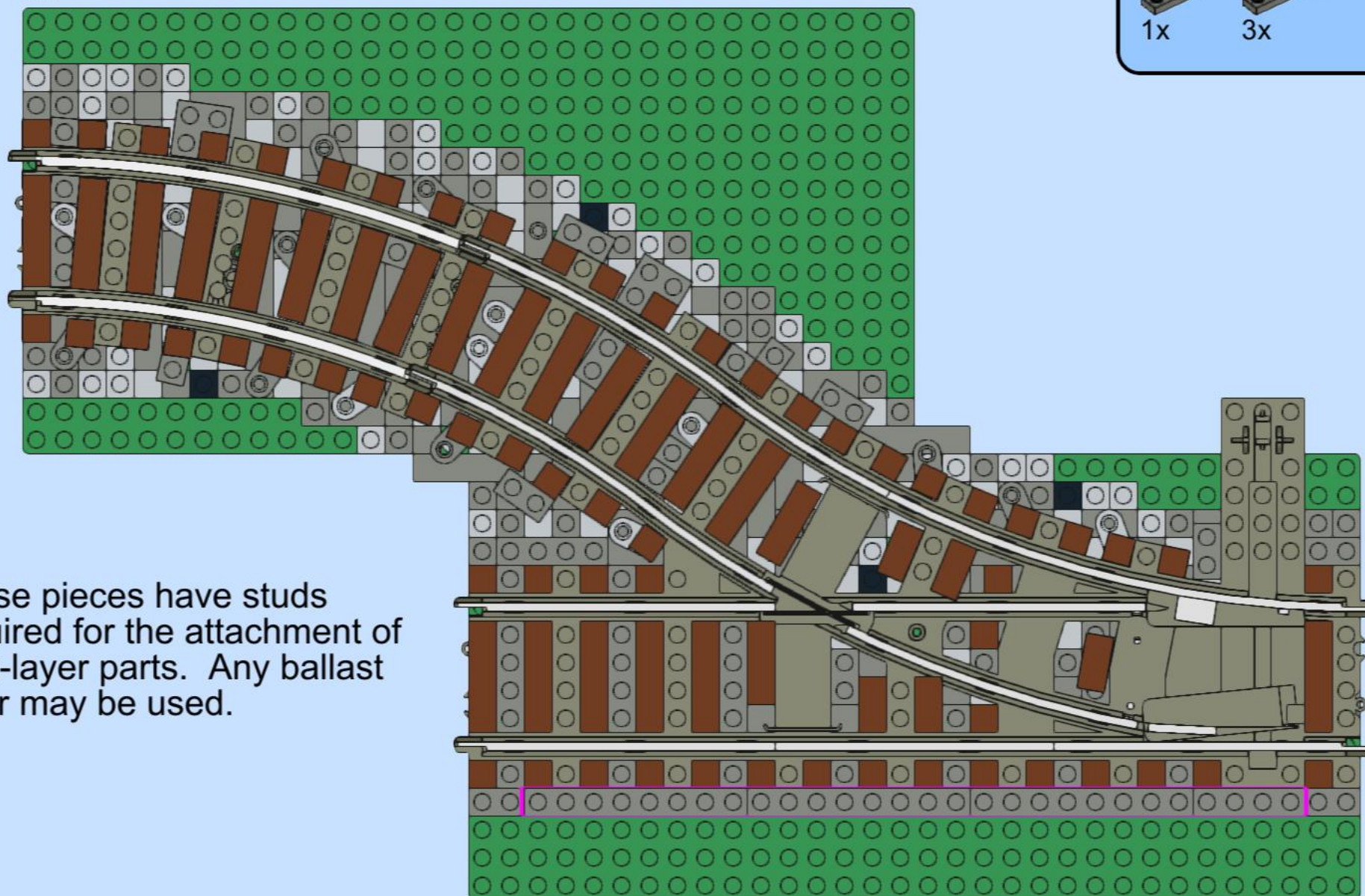
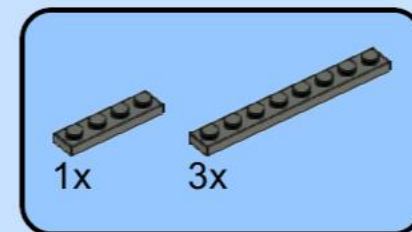
11





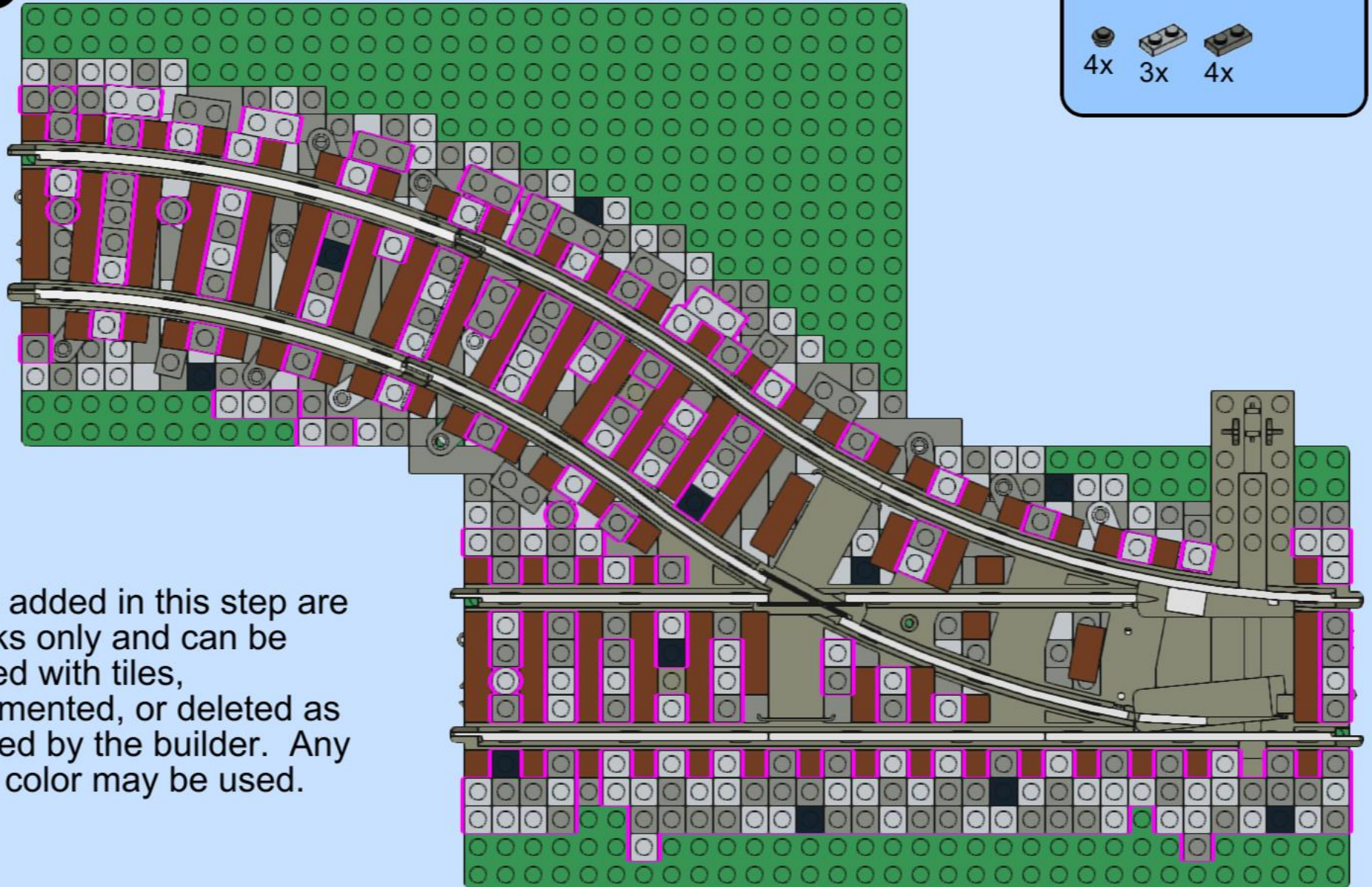
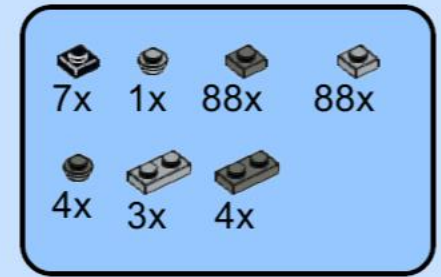


14



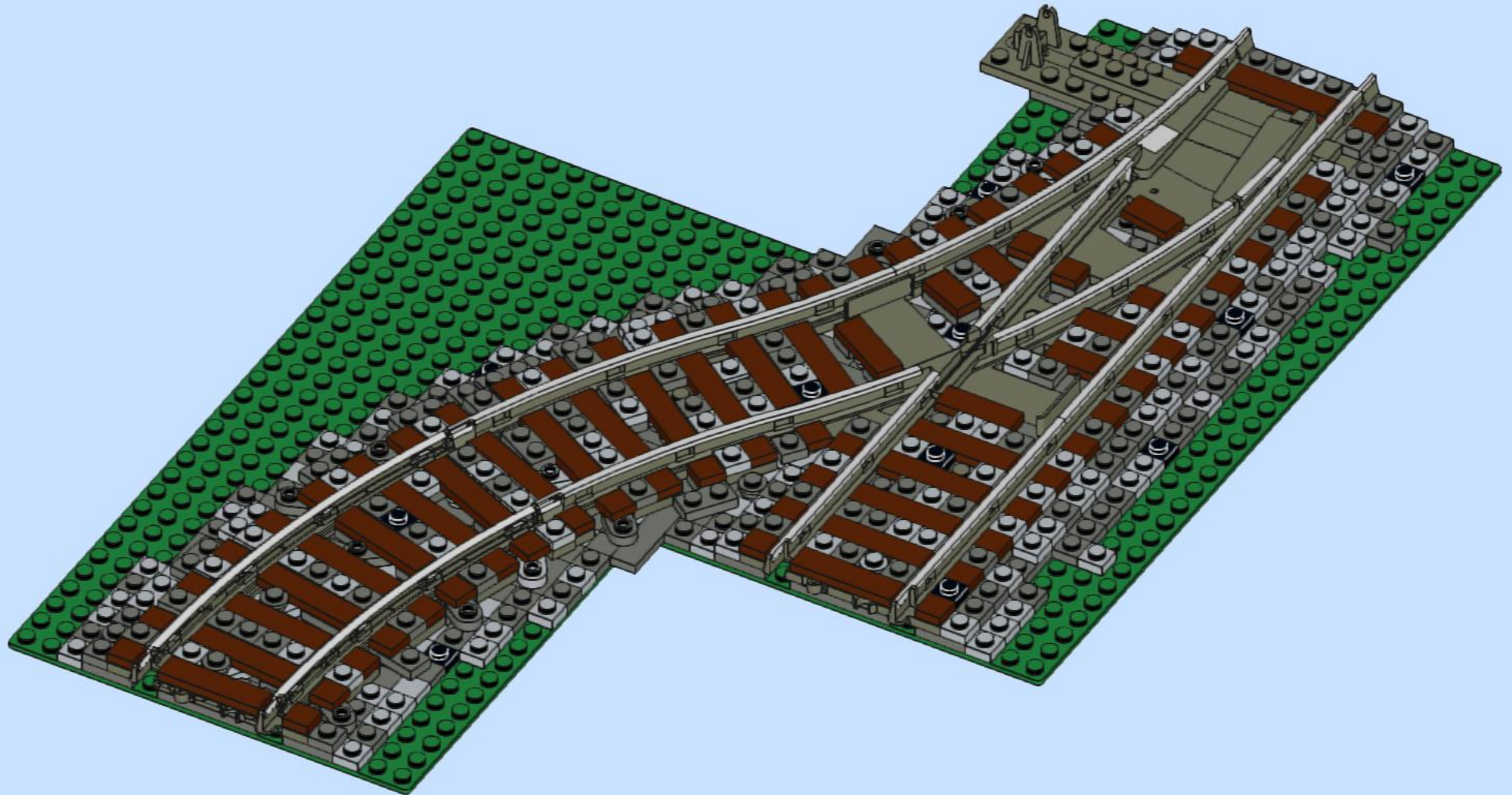
These pieces have studs required for the attachment of next-layer parts. Any ballast color may be used.

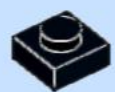
15.



Pieces added in this step are for looks only and can be replaced with tiles, supplemented, or deleted as preferred by the builder. Any ballast color may be used.

16

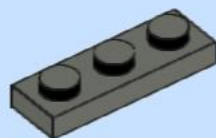




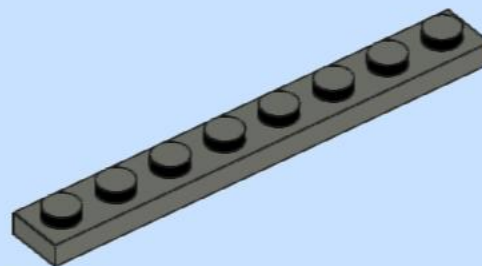
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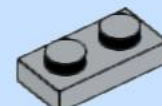
8x
6221607



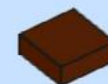
2x
4211133



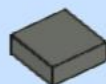
3x
4210998



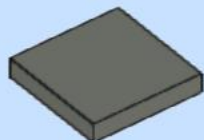
3x
4211398



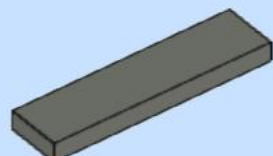
60x
4211288



38x
4210848



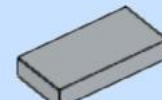
4x
4211055



12x
4211053



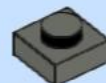
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4211415



10x
4211414



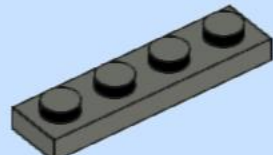
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4211151



139x
4210719



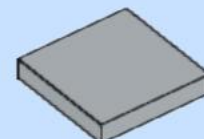
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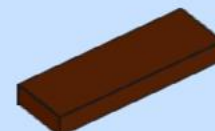
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4211001



1x
4211525



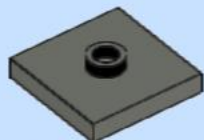
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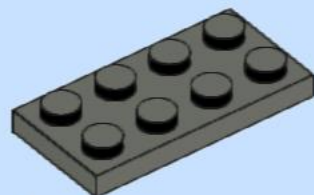
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7x
4210633



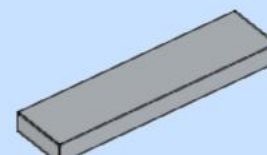
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4x
4211065



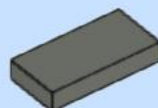
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2x
4211356



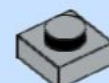
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4211194



6x
4211052



4x
4211094



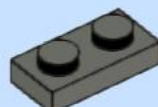
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4211399



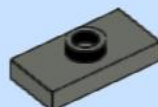
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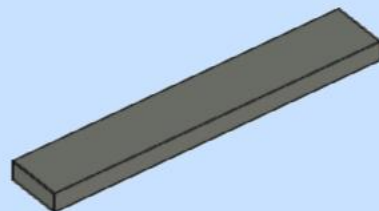
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31x
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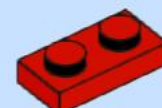
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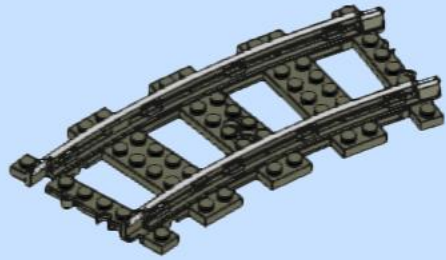
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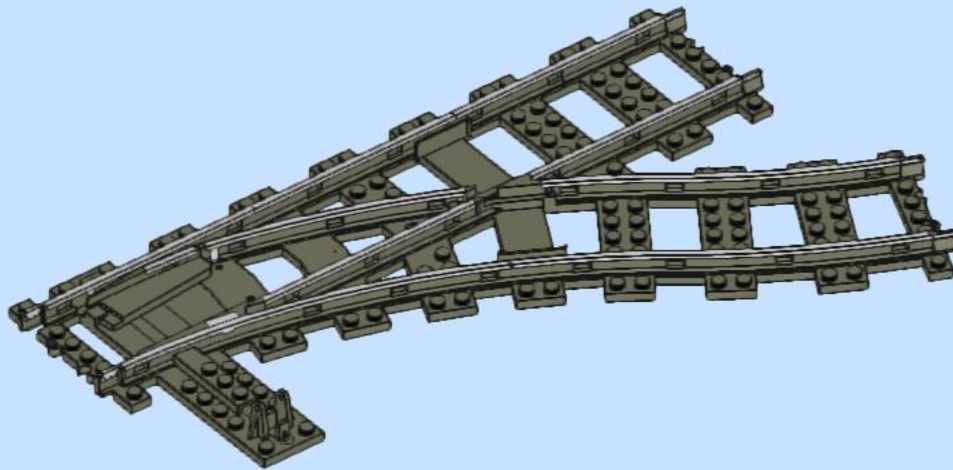
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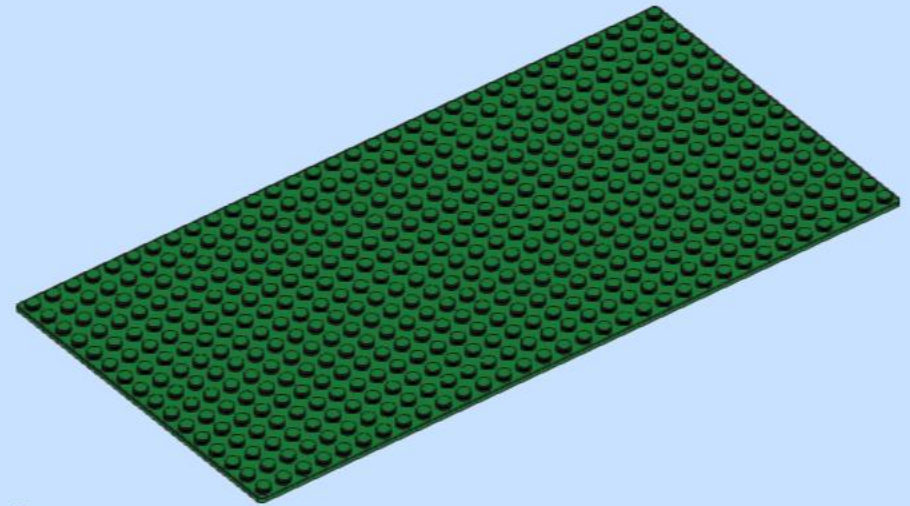
15x
302321



1x



1x



2x
4219615

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