

Notre-Dame de Reims

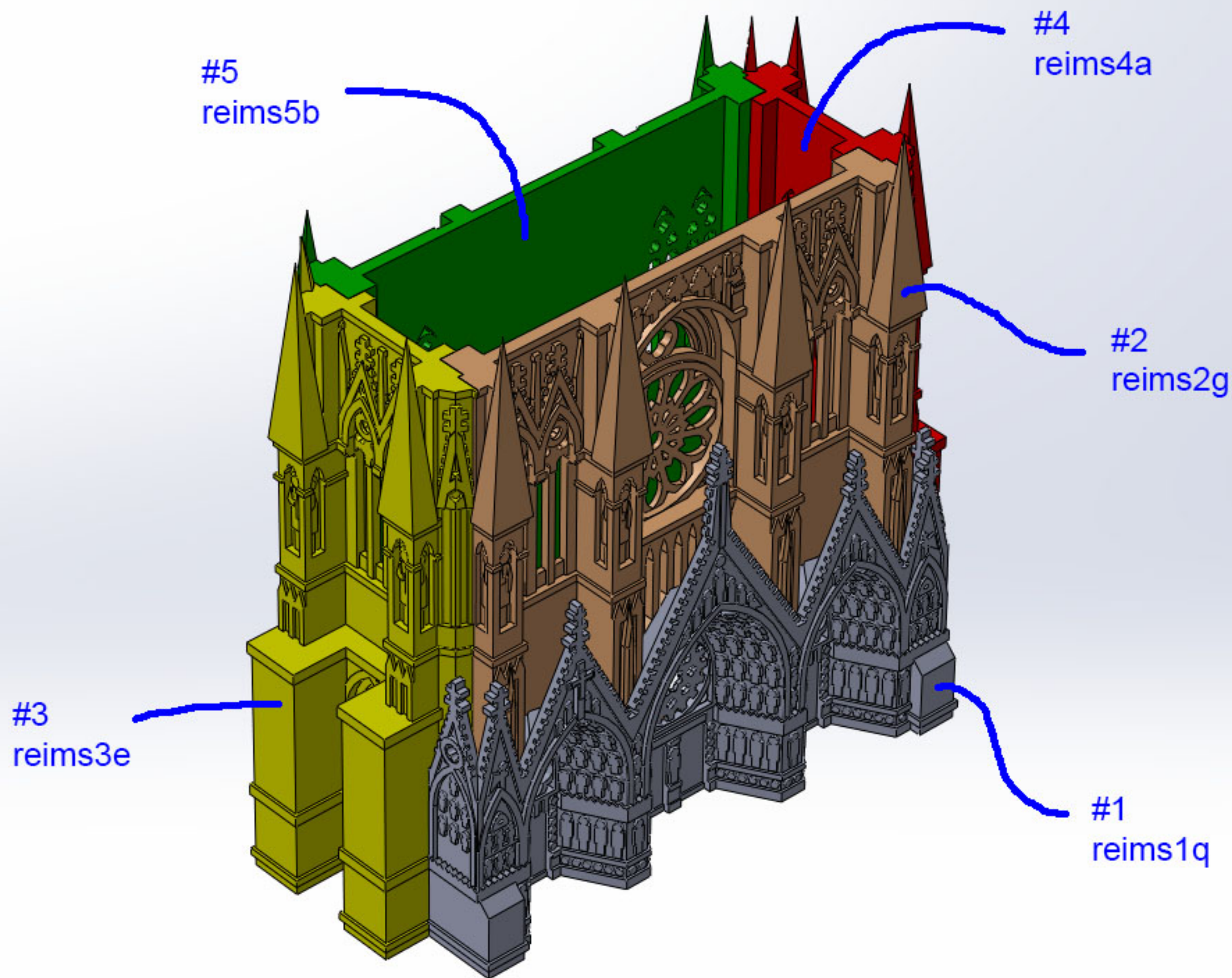
Reims Cathedral

Modeled by Marco Bergman (2012)

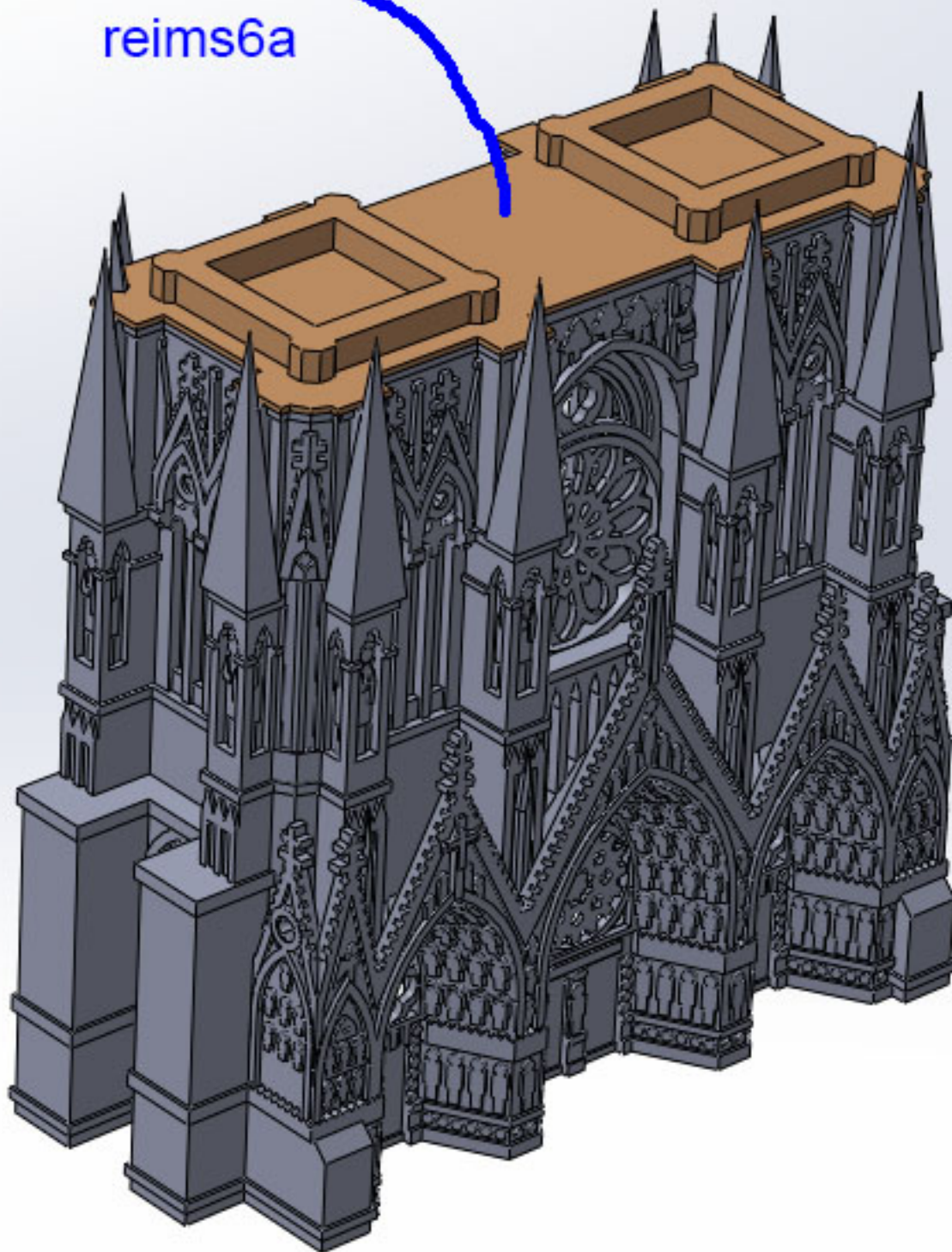
m_bergman@xtra.co.nz

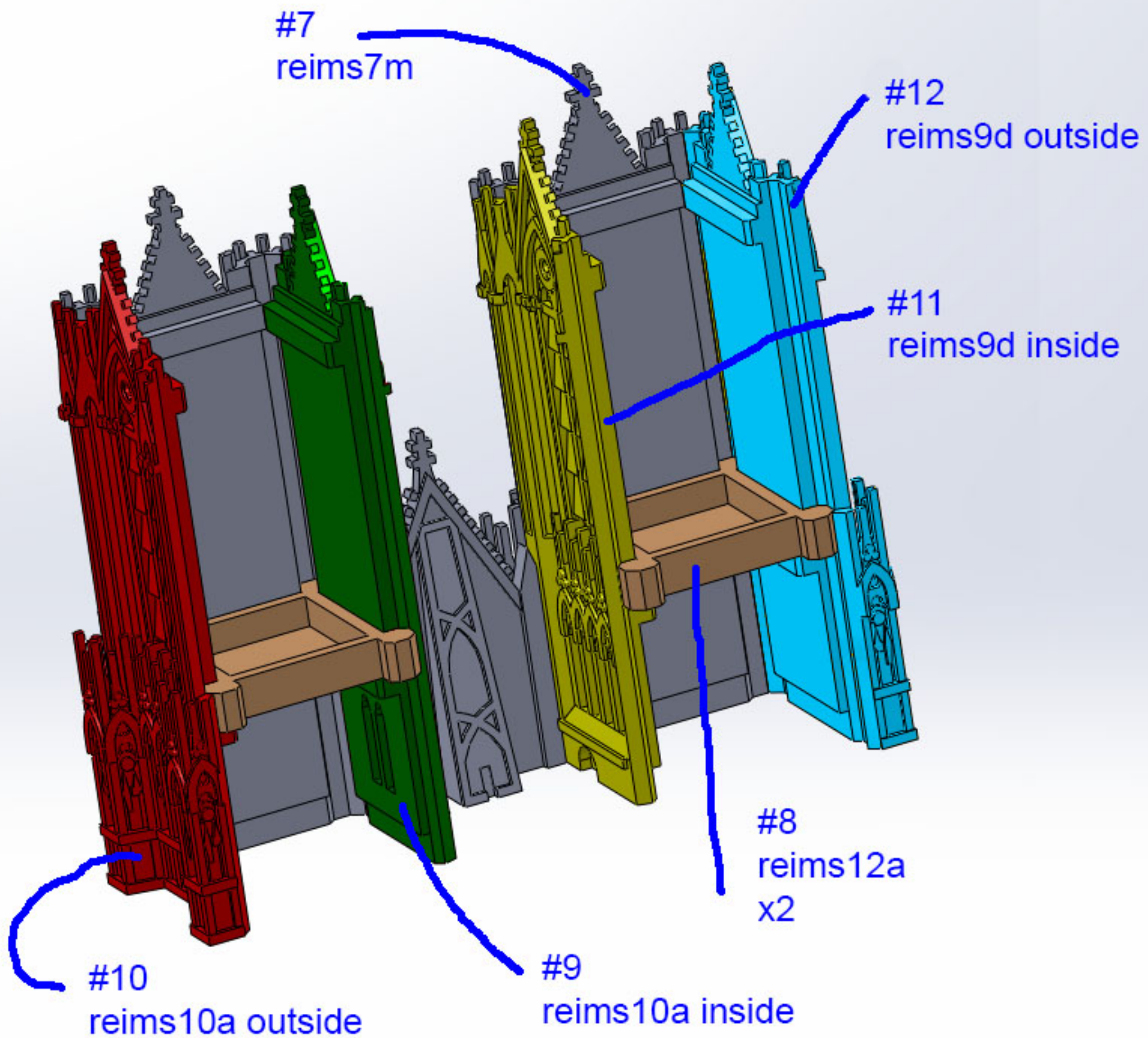
Designed for printing on UP! Plus

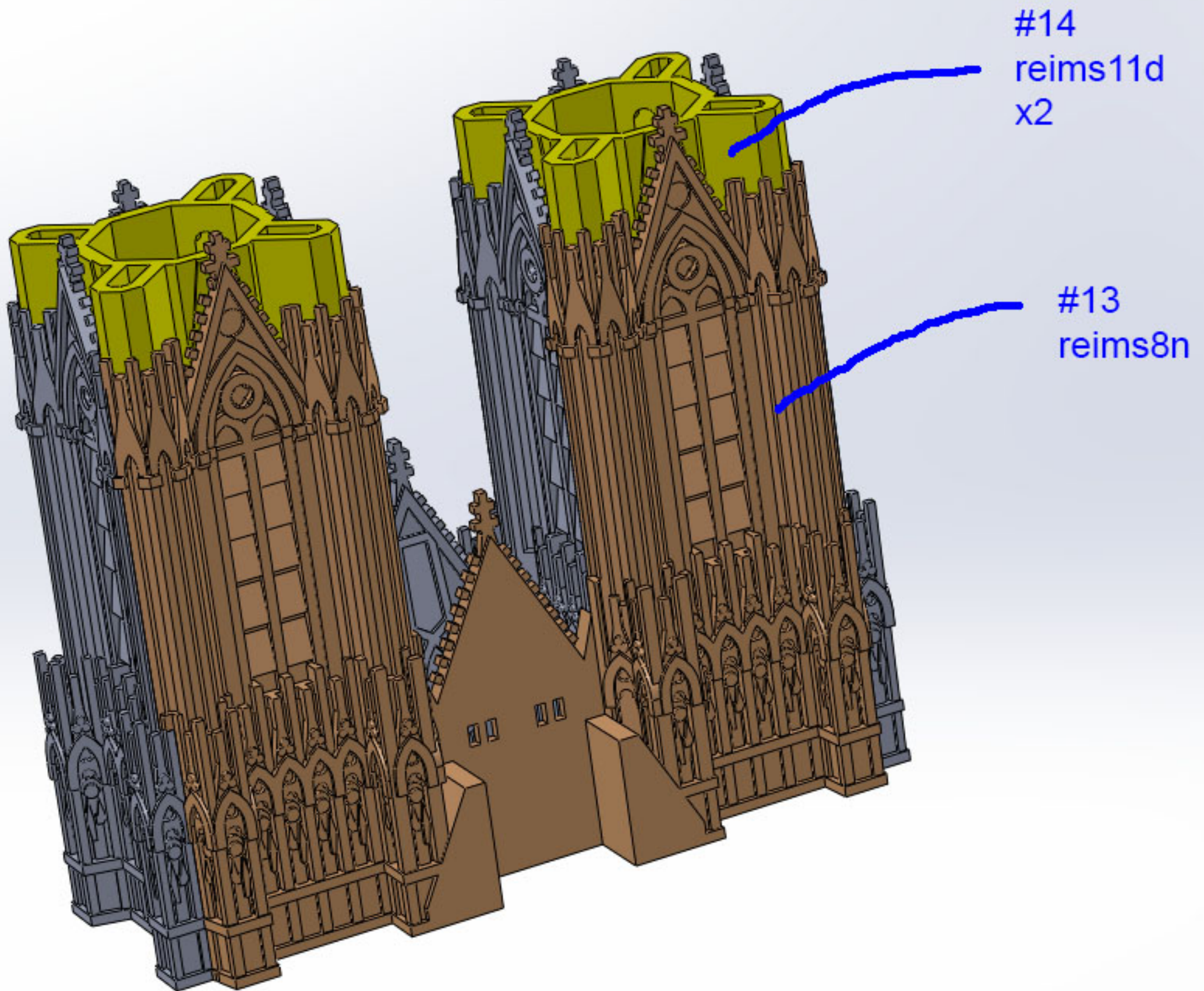


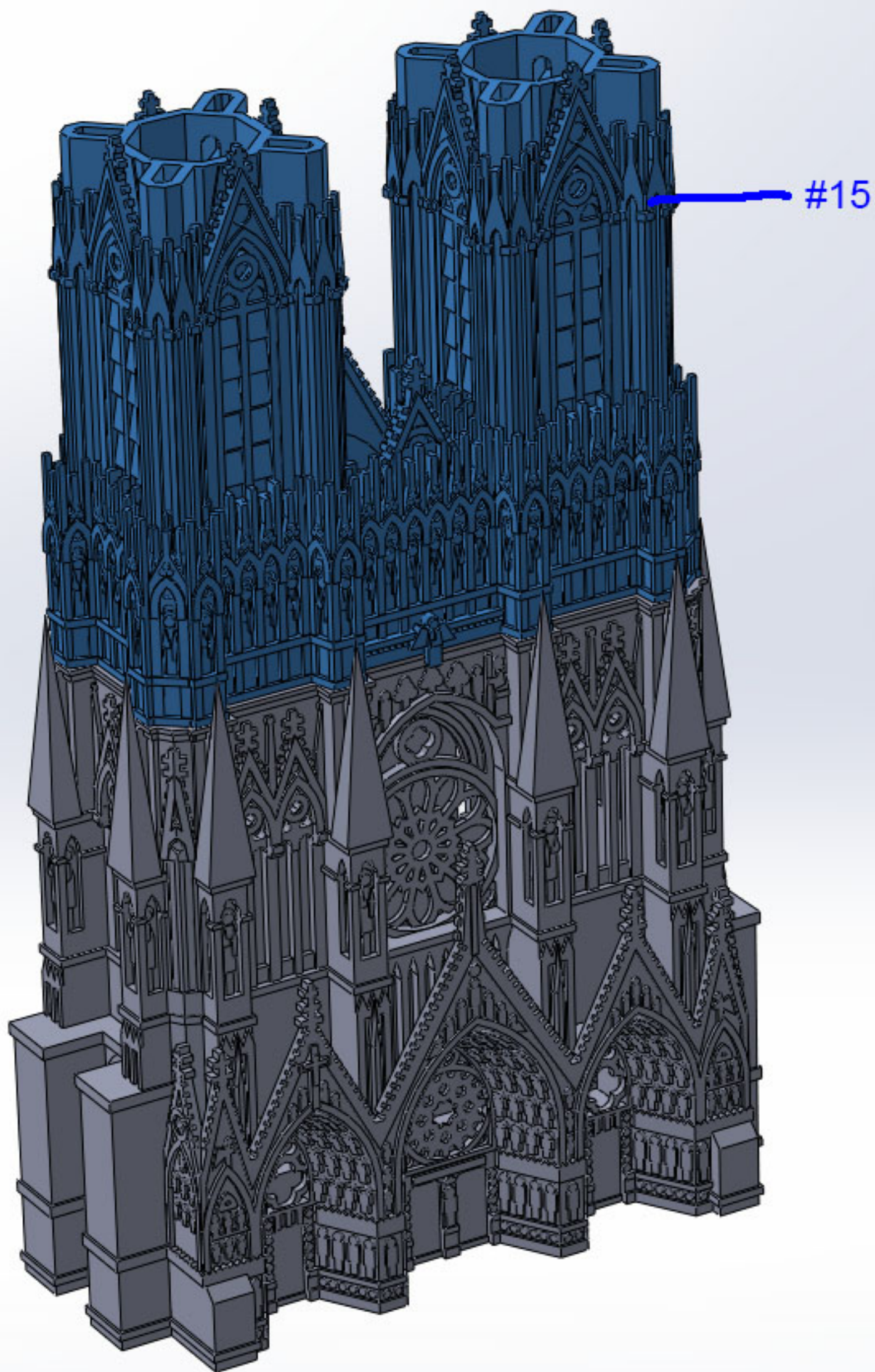


#6
reims6a



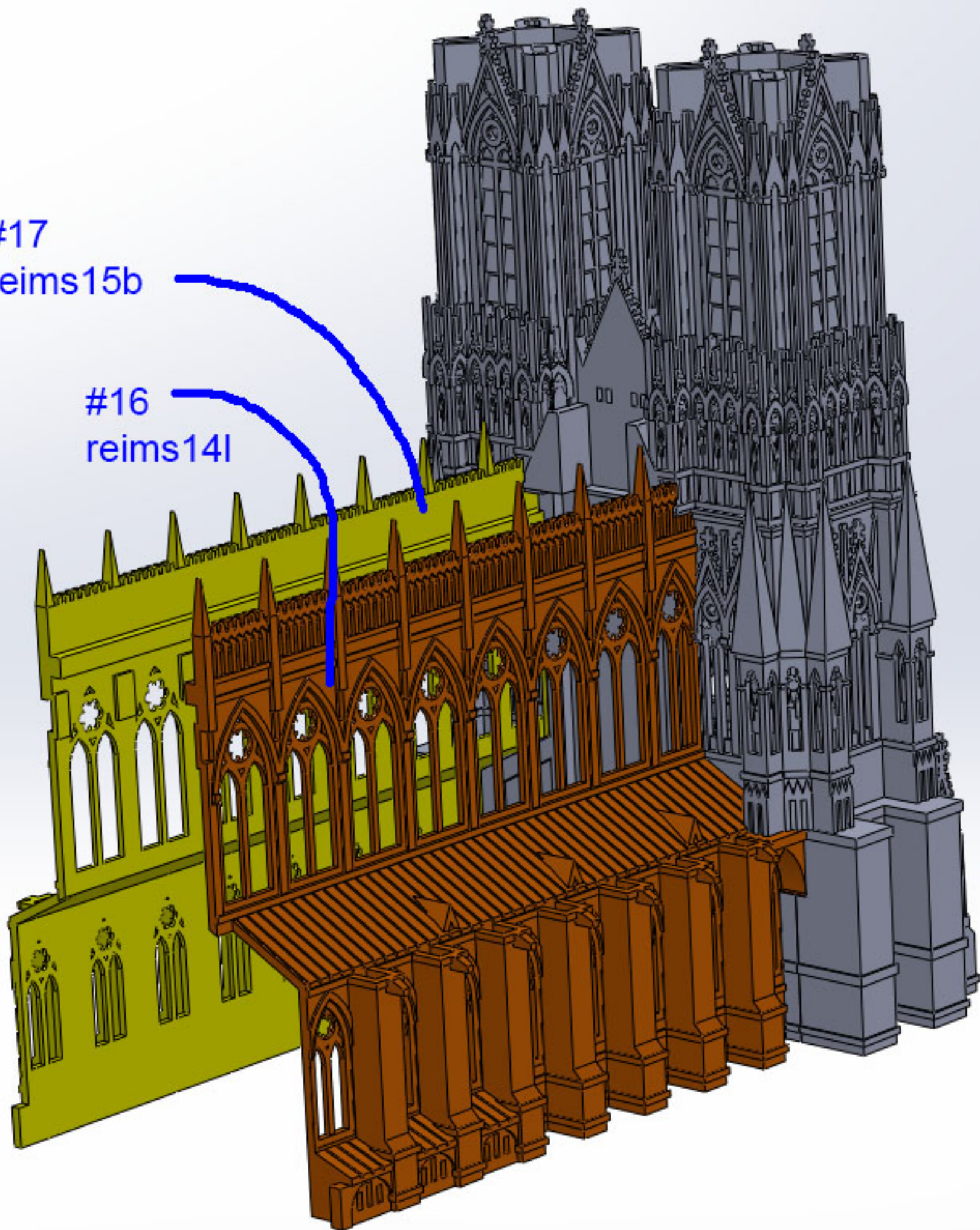


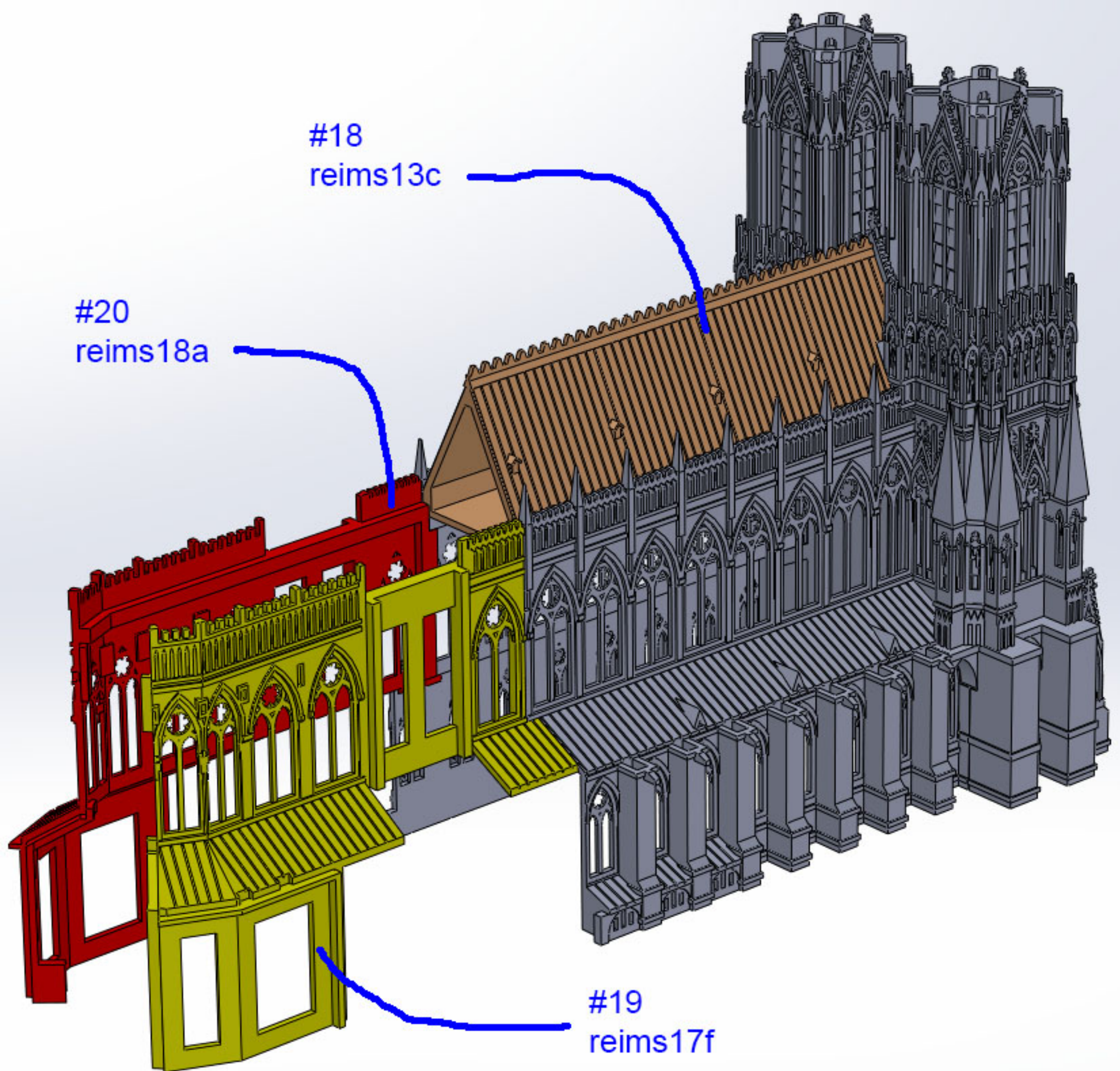


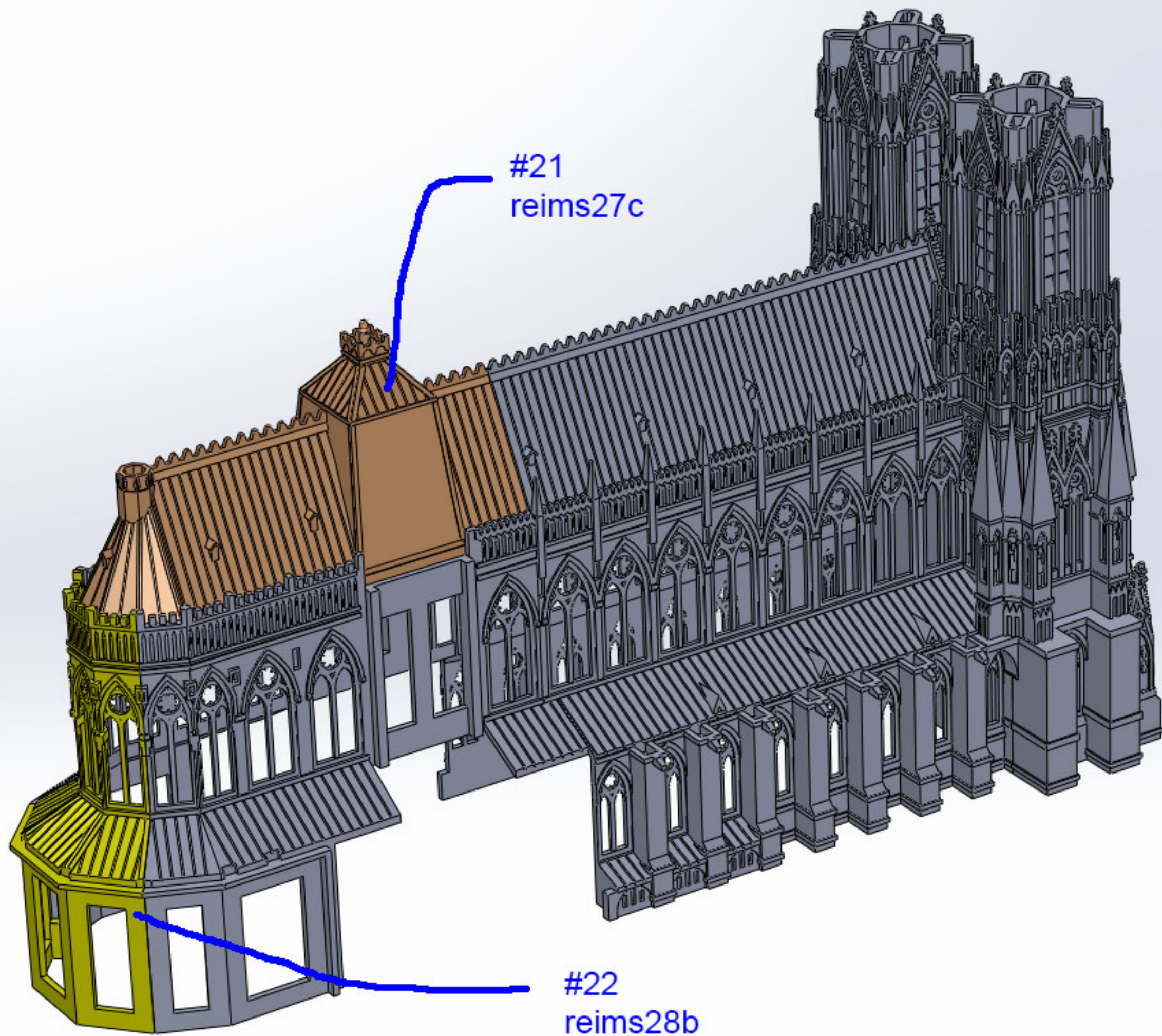


#17
reims15b

#16
reims14l







#28
reims36a
x2
(can use reims25b)

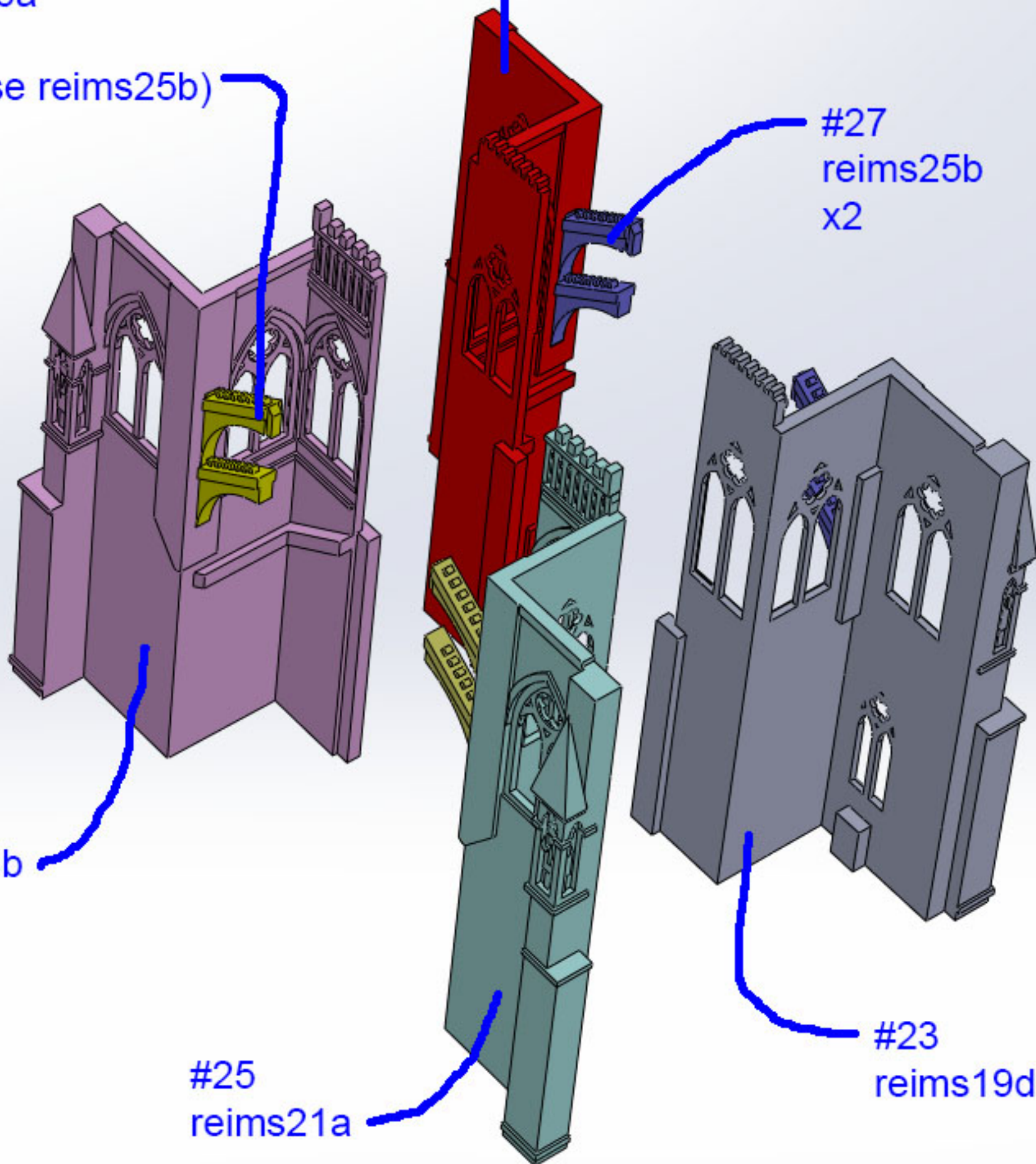
#24
reims22b

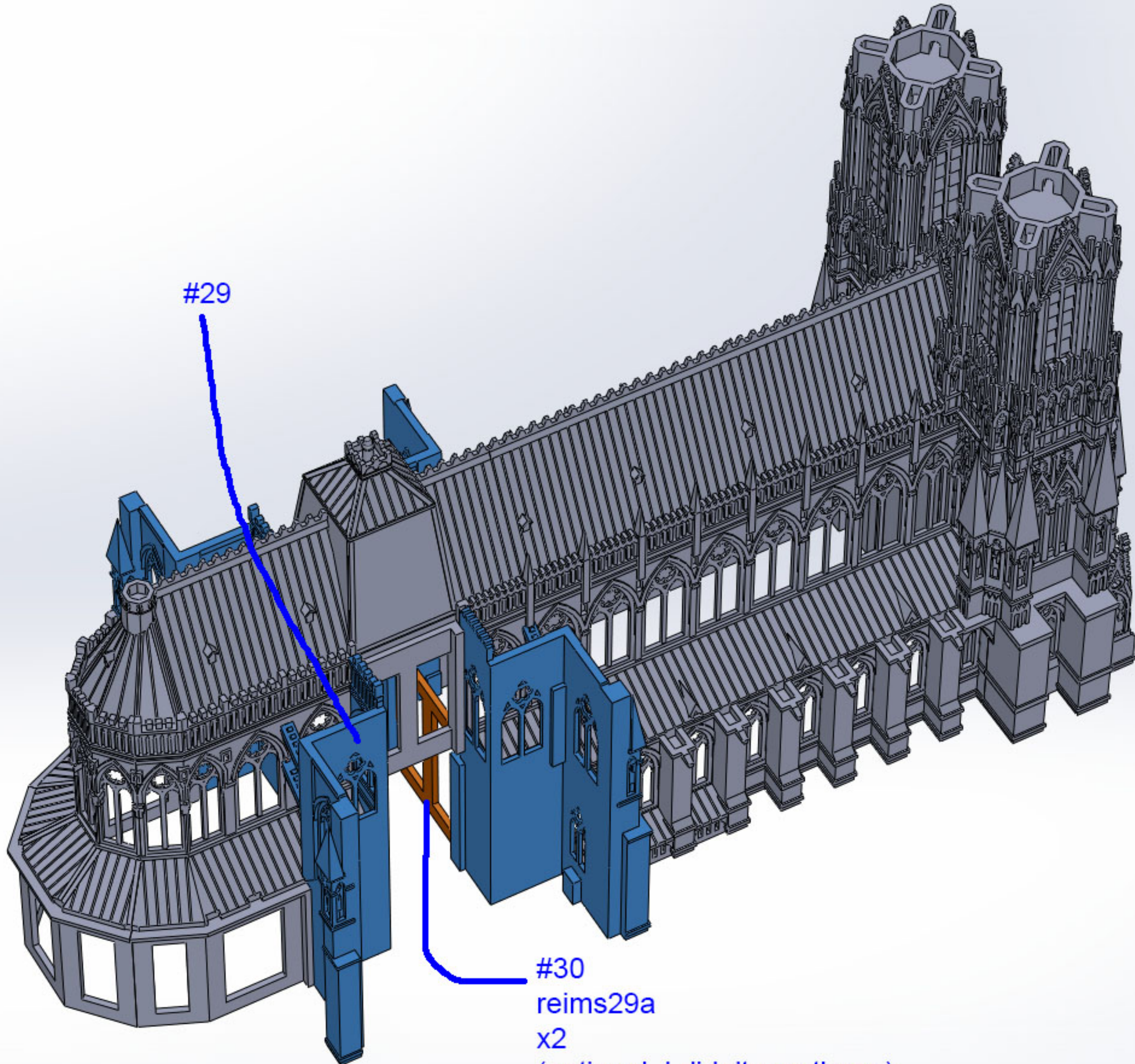
#27
reims25b
x2

#26
reims24b

#25
reims21a

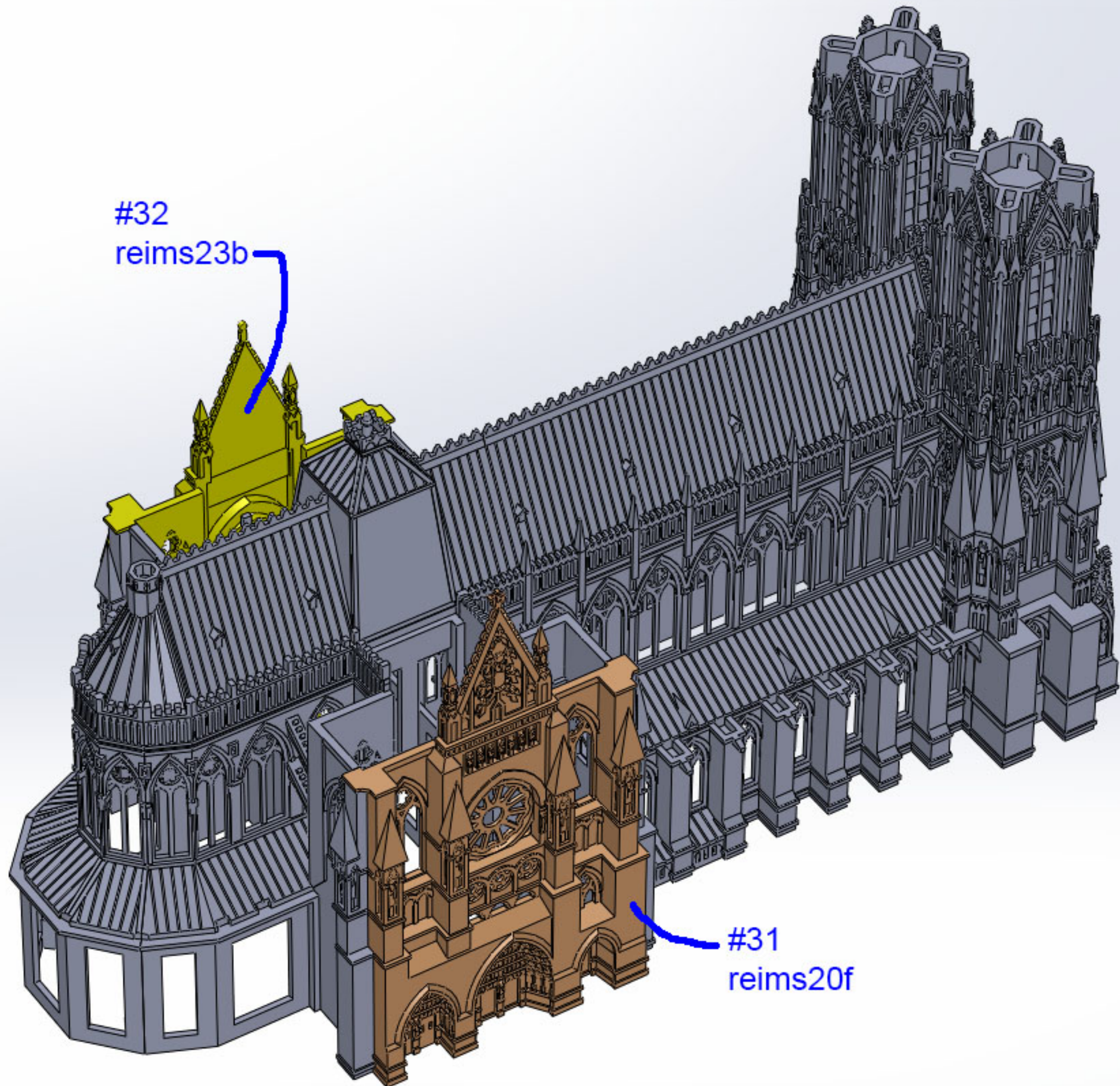
#23
reims19d





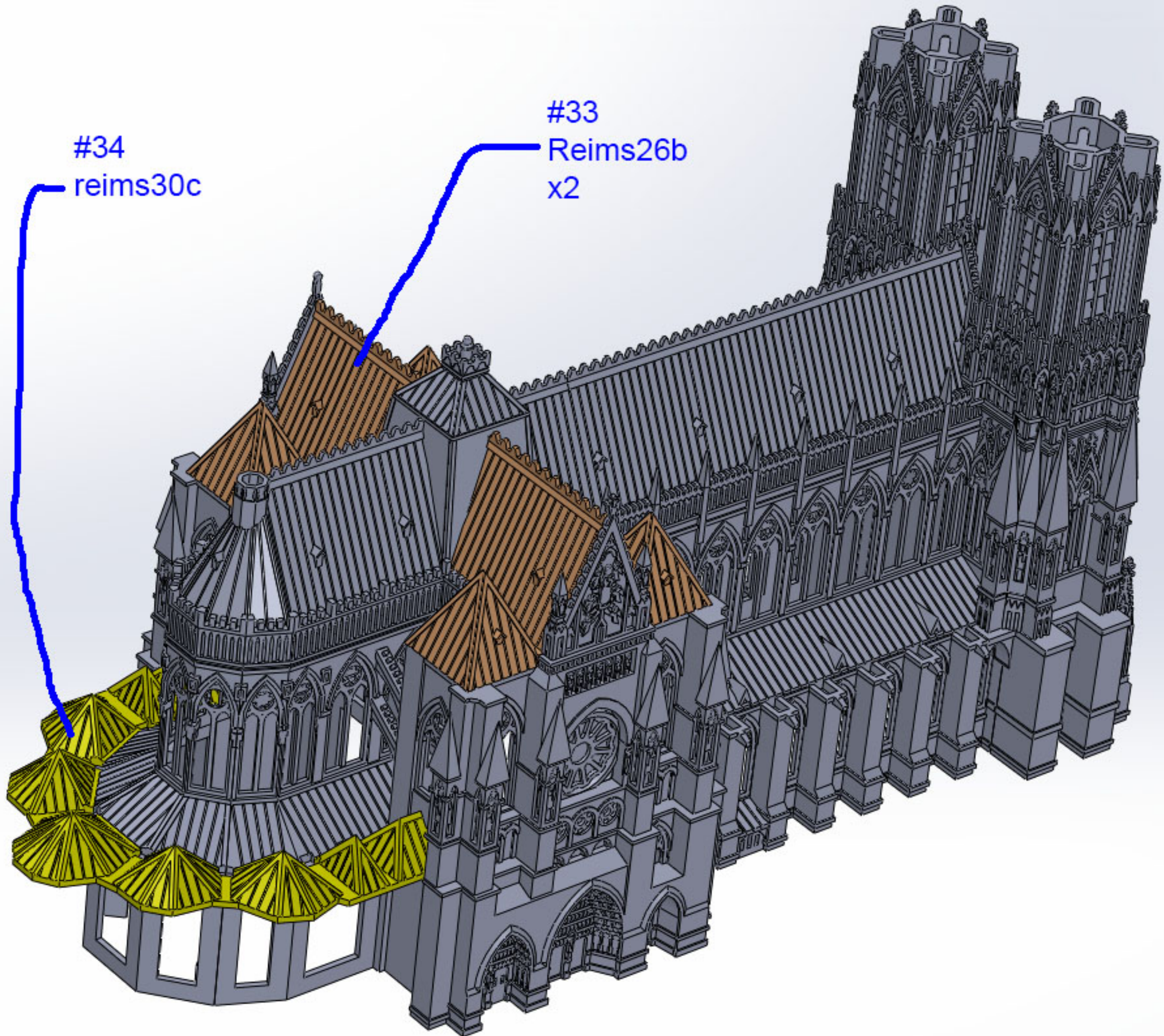
#29

#30
reims29a
x2
(optional. I didn't use them.)



#32
reims23b

#31
reims20f



#34

reims30c

#33

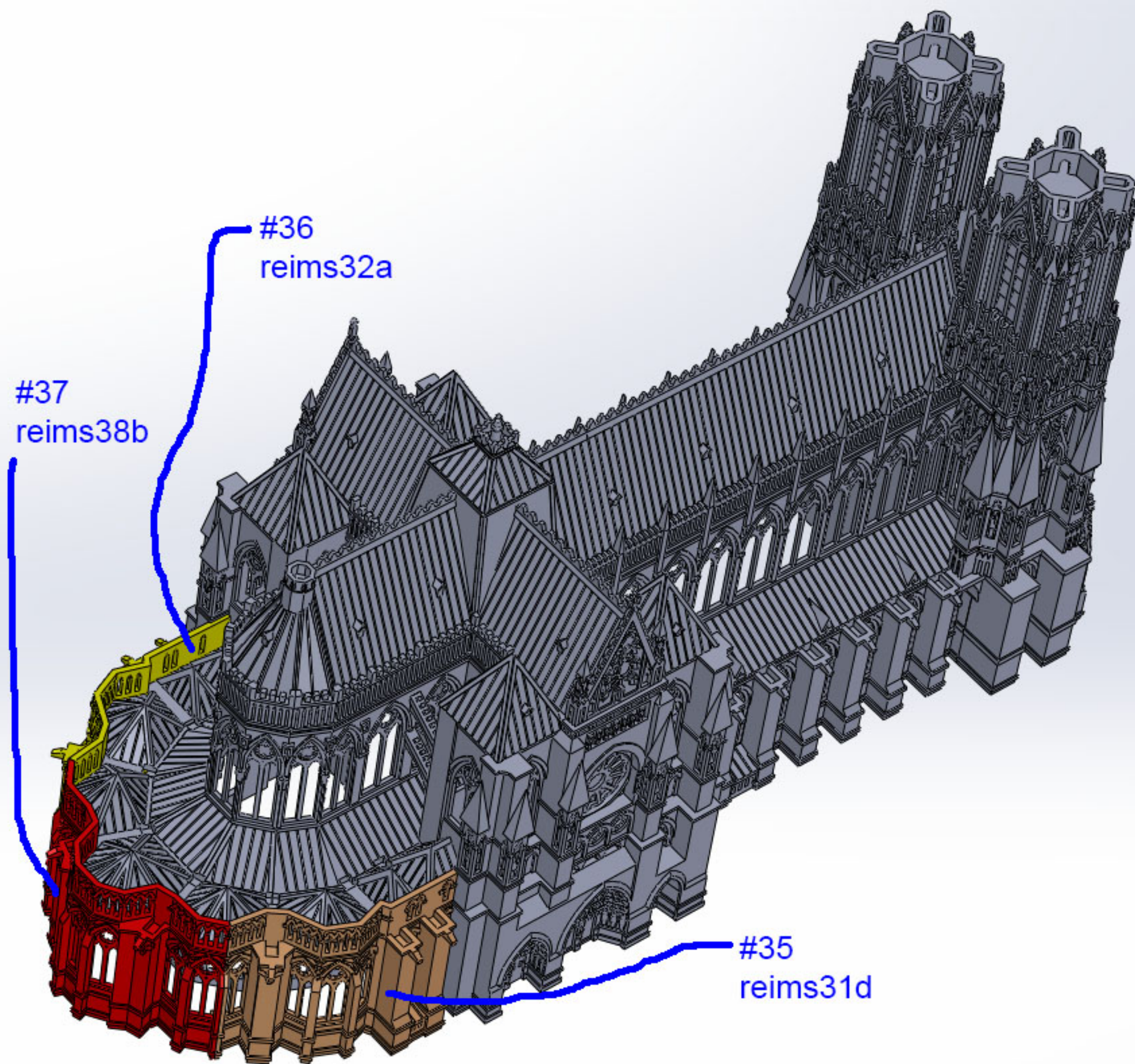
Reims26b

x2

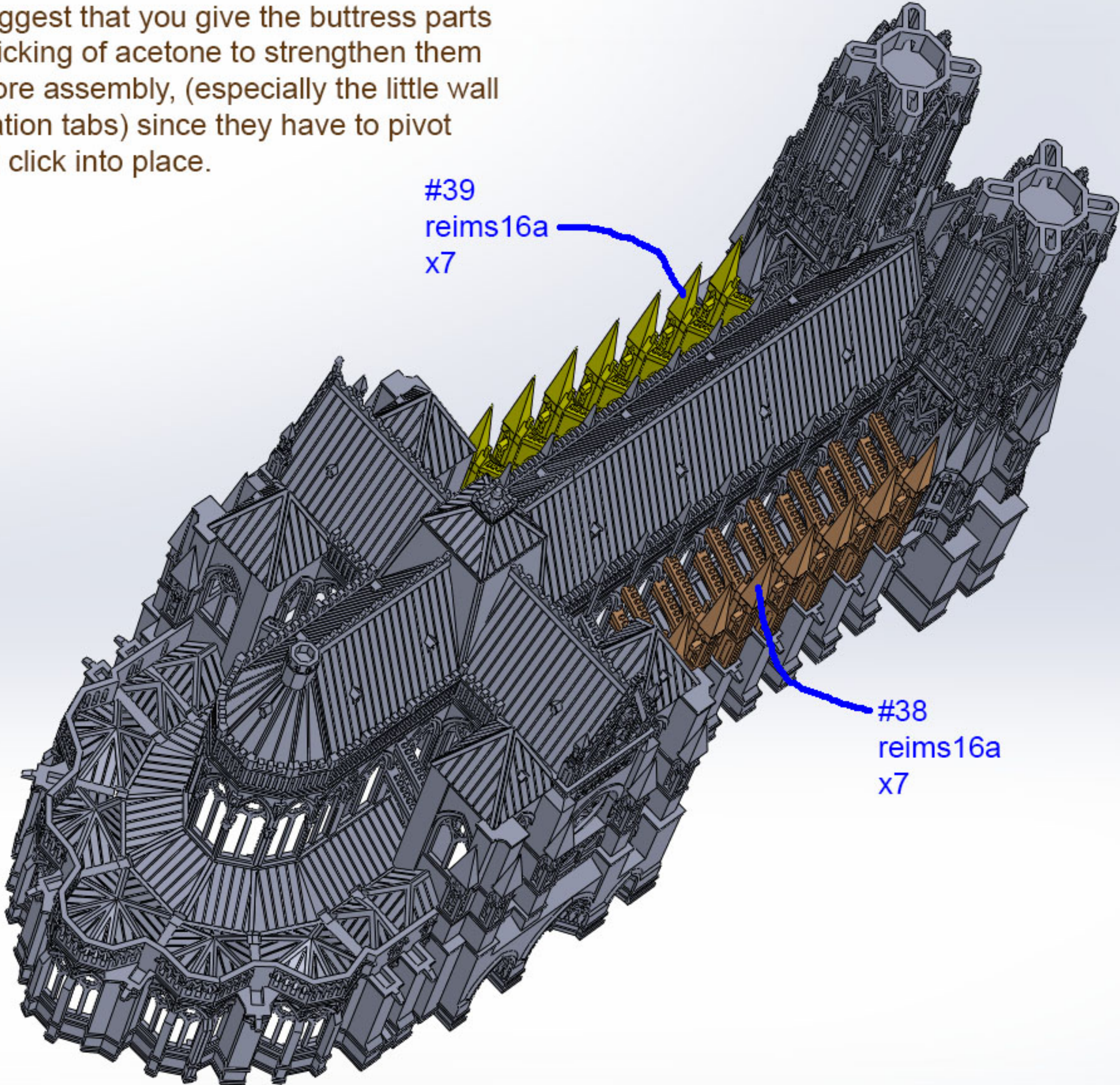
#36
reims32a

#37
reims38b

#35
reims31d



I suggest that you give the buttress parts a wicking of acetone to strengthen them before assembly, (especially the little wall location tabs) since they have to pivot and click into place.

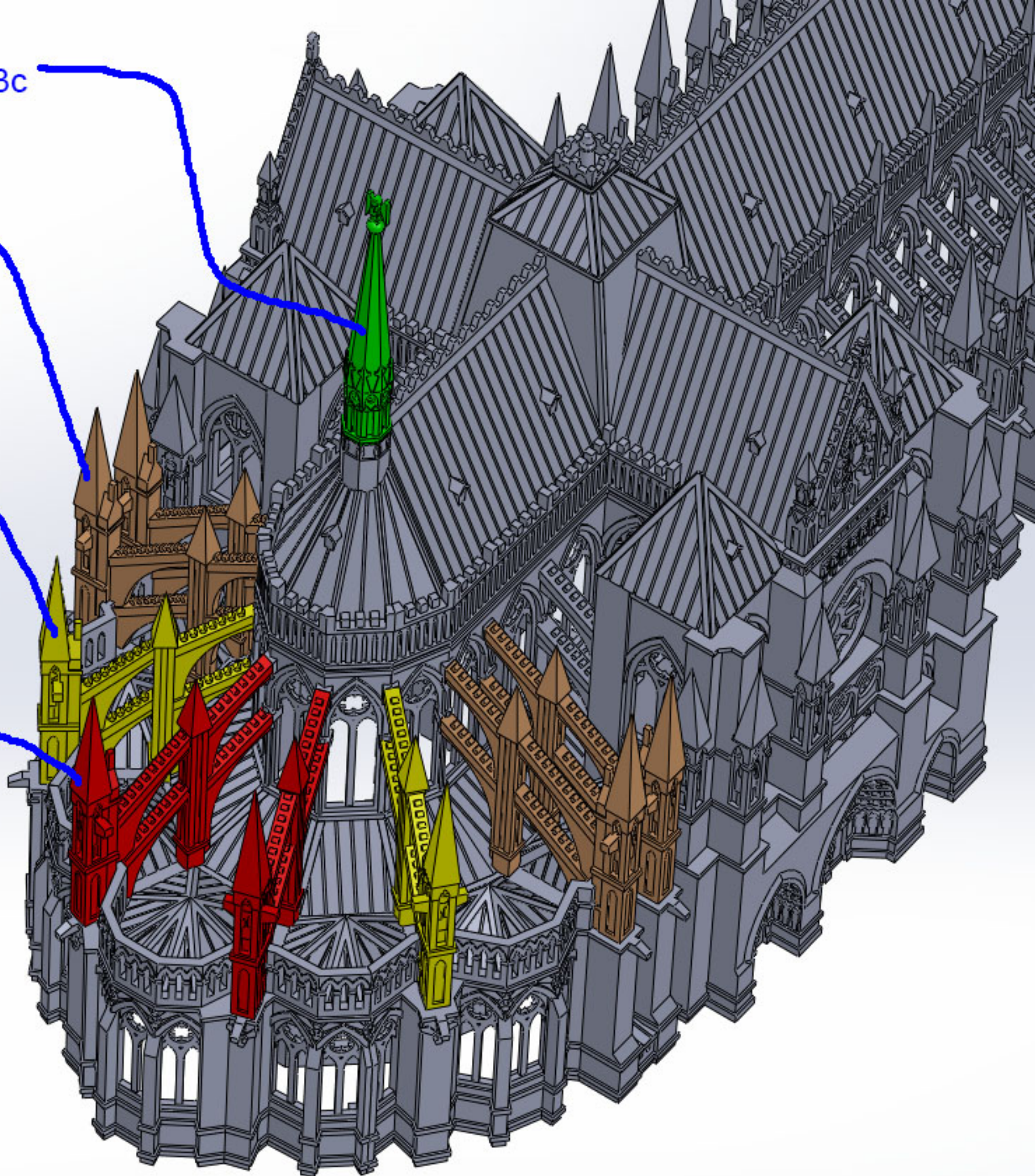


#43
reims33c

#40
reims34a
x4

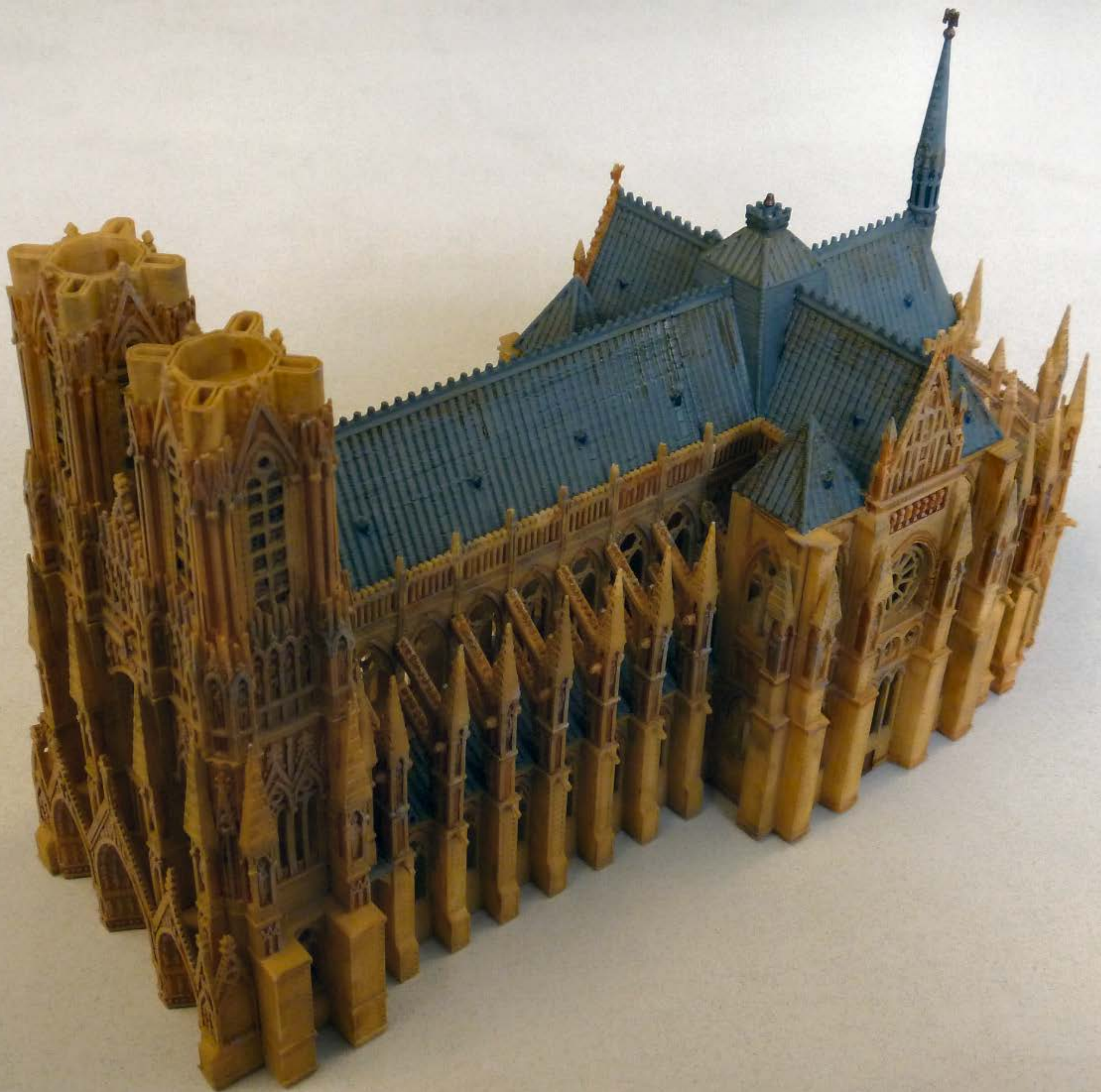
#41
reims35a
x2

#42
reims37a
x2





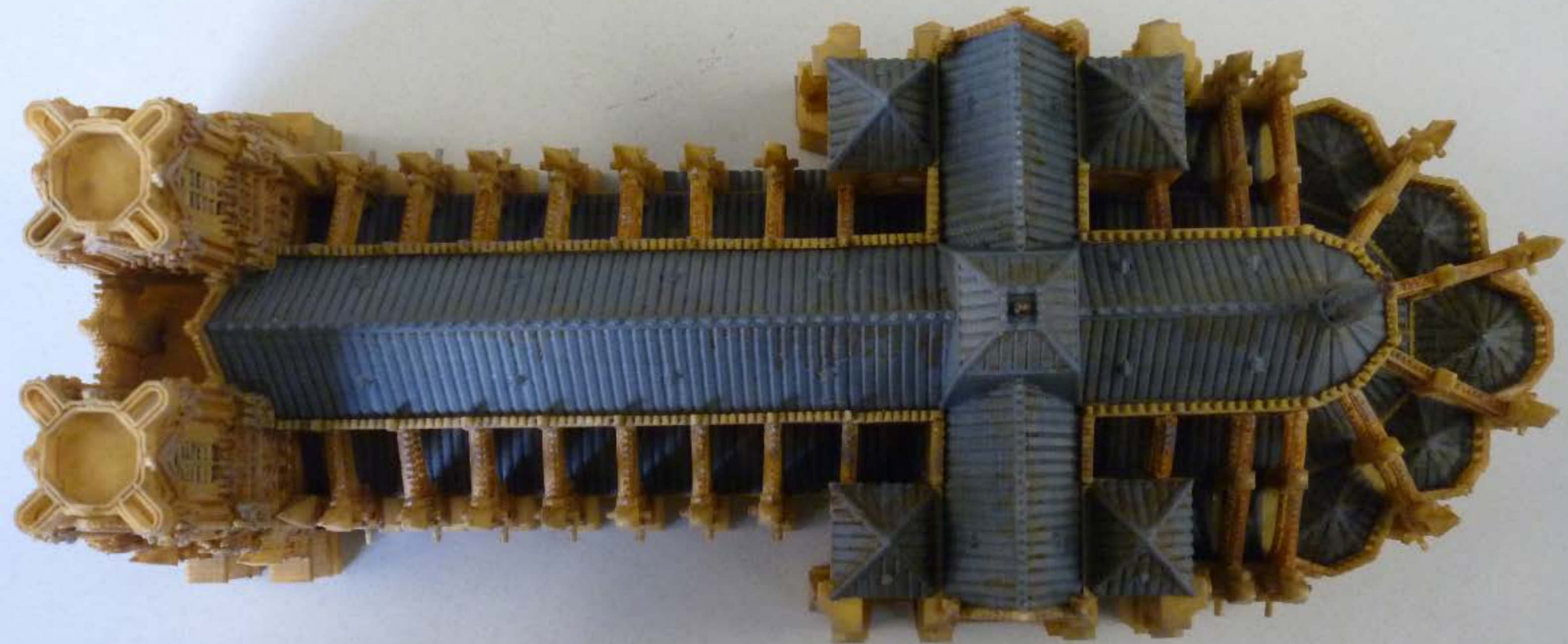












Printed on UP! Plus using standard pp3dp white filament.

0.2mm, normal, loose, 3mm raft.

Perfboard (screwed to plate) with thin smear of liquid ABS before each print.

All parts drawn in Solidworks 2012 from scratch, referencing L'Instant Durable paper model, internet photos and books.

Parts assembled with acetone, wicked between parts with a syringe. Hold together / clamp until dry (about 5 minutes.)

All fine details had a wicking of acetone to strengthen them. Blow on the surface of the part after applying acetone to ensure there are no pools or puddles and the excess is spread out and can evaporate. If you leave a puddle the ABS goes gooey and can take a day or more to cure.

Surface prep - remove strings, raft. That's it.

Paint job is quick and nasty, mainly to highlight the details.

Painted using mostly Citadel Acrylics (Acrylics best choice for ABS. I like the Citadel ones for brushwork, as they are thicker, especially the new formulation base colours which cover really well with one coat.)

Base coat Citadel Desert Yellow, thinned, paint both sides (or else the white makes it look translucent.)

Roof Airfix acrylic #53, not thinned.

Quick wash of Citadel Flesh Wash, varying levels of thinning, around all the statues, details and roof tops.

Citadel Black Wash for darker details.

Drybrush of Citadel Codex Grey in places where the wash had covered too much of the base coat.