

AMAZING ARCHITECTURE

AMAZING SKYSCRAPERS



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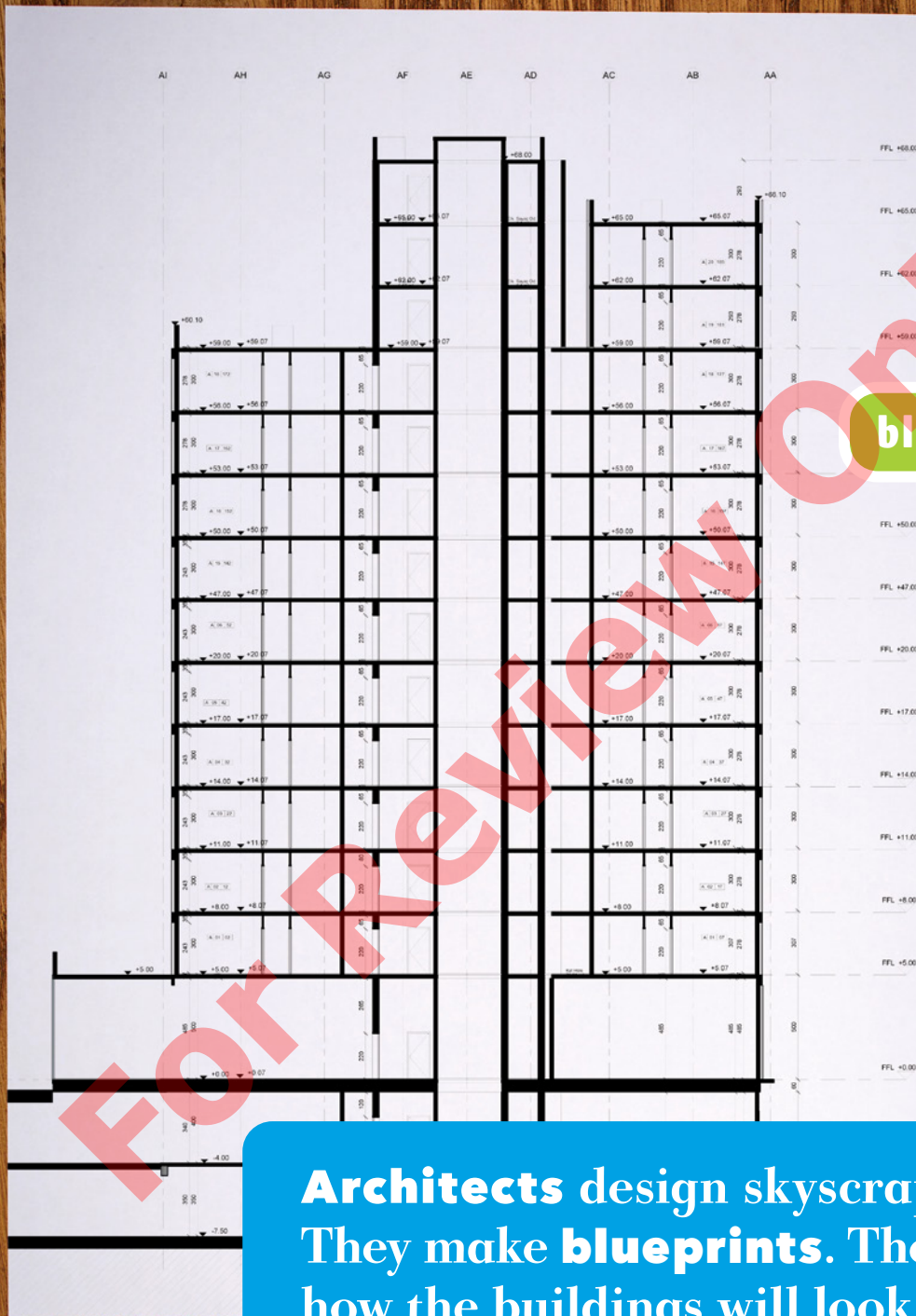
Taipei 101,
Taiwan

CHAPTER 1

SCRAPE THE SKY

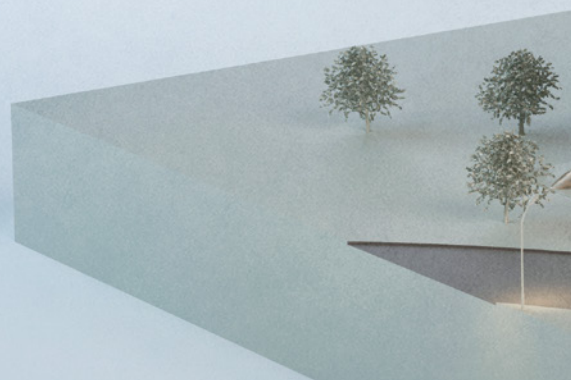
Skyscrapers are tall. From the tops of them, you can see far. You might even see another country! The Turning Torso is in Sweden. It is 623 feet (190 meters) tall. From the top, you can see Denmark!

Turning Torso



Engineers make models.
They test the models in
wind tunnels. This shows
if a building will stand in
wind. Then, construction
workers build the skyscrapers.

For Review Only





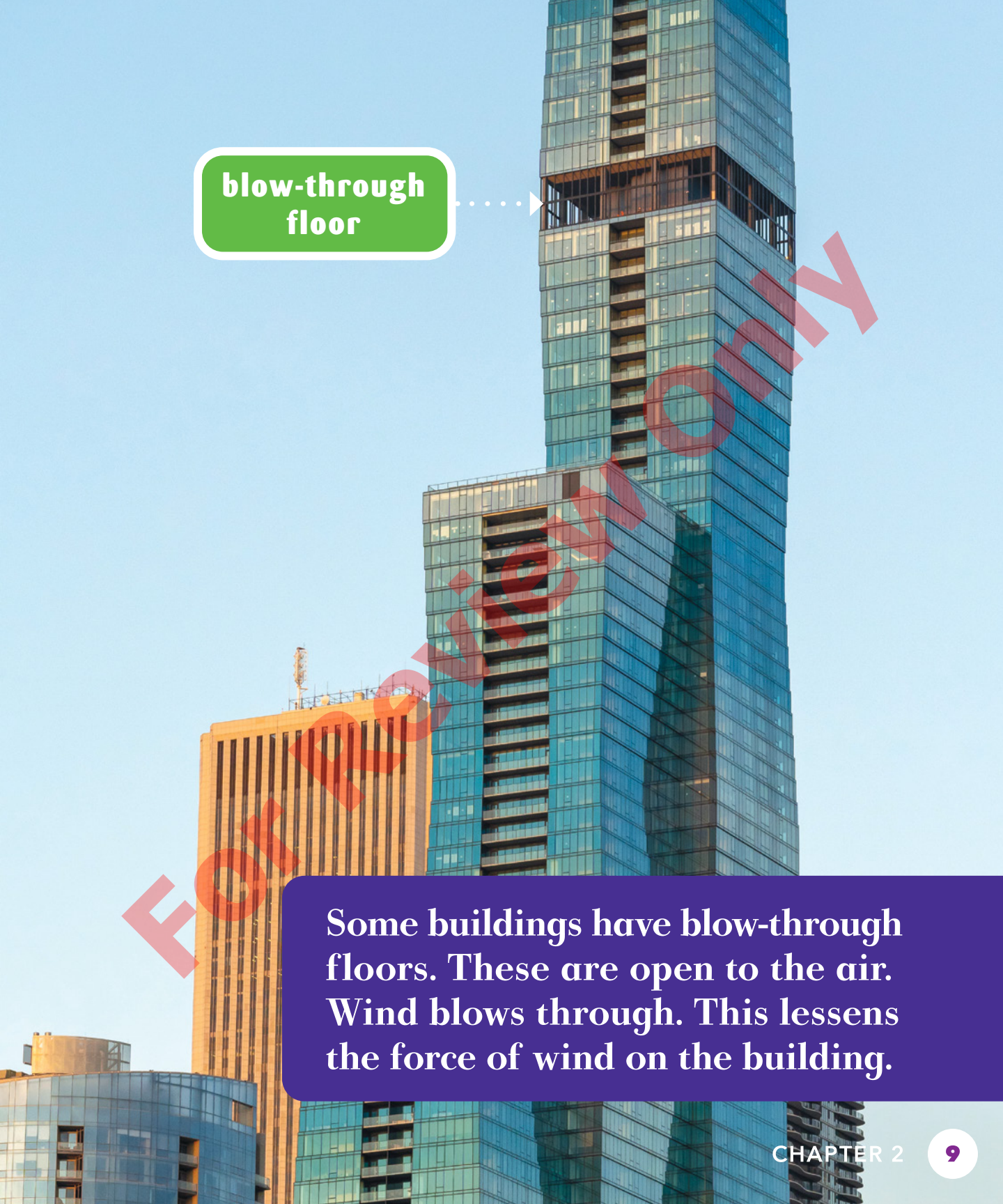
model

CHAPTER 2

WIND AND LOAD

Skyscrapers have to stand up to the **force** of wind. To do this, they are built to sway slightly. Otherwise, they would break.





**blow-through
floor**

Some buildings have blow-through floors. These are open to the air. Wind blows through. This lessens the force of wind on the building.