



国家大剧院

NCPA

National Center for the Performing Arts, Beijing

The National Center for the Performing Arts is one of the architectural icons of the "New Beijing", alongside the Olympic stadium and the CCTV tower.

The construction was begun in 2001 and it was inaugurated with a concert in December 2007.

The NCPA was designed by the French Architect Paul Andreu, who designed a number of terminals for important

airports and had worked as an associate on the design of the Grande Arche at La Defense. He designed it as a futuristic building, that, while expressing modernity, at the same time complements the historical ensemble it's located next to, namely the Forbidden City with the Tian An Gate from Imperial times and the Great Hall of the People and the Mao Mausoleum from early communist times.

This is achieved by its almost organic appearance as a smooth dome positioned inside an artificial lake, which earned it the nickname "The egg".

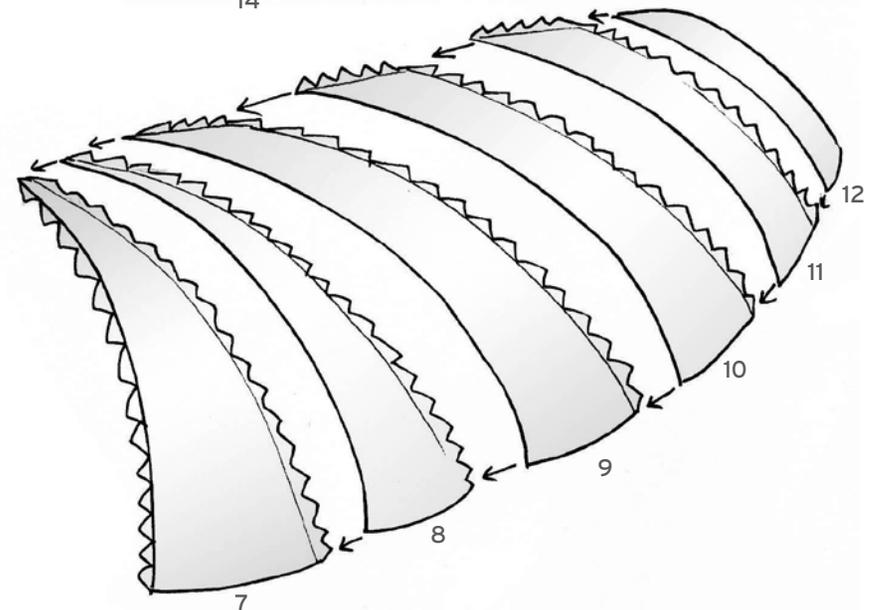
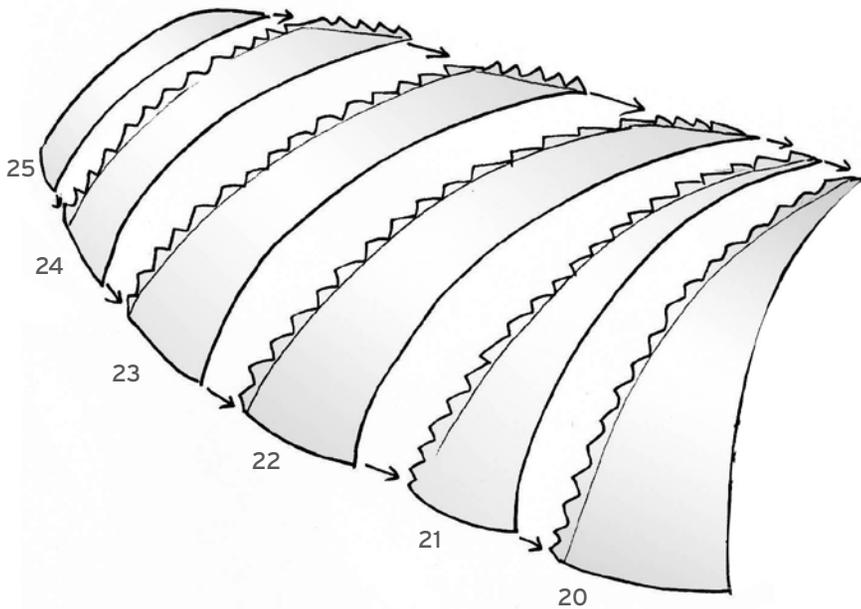
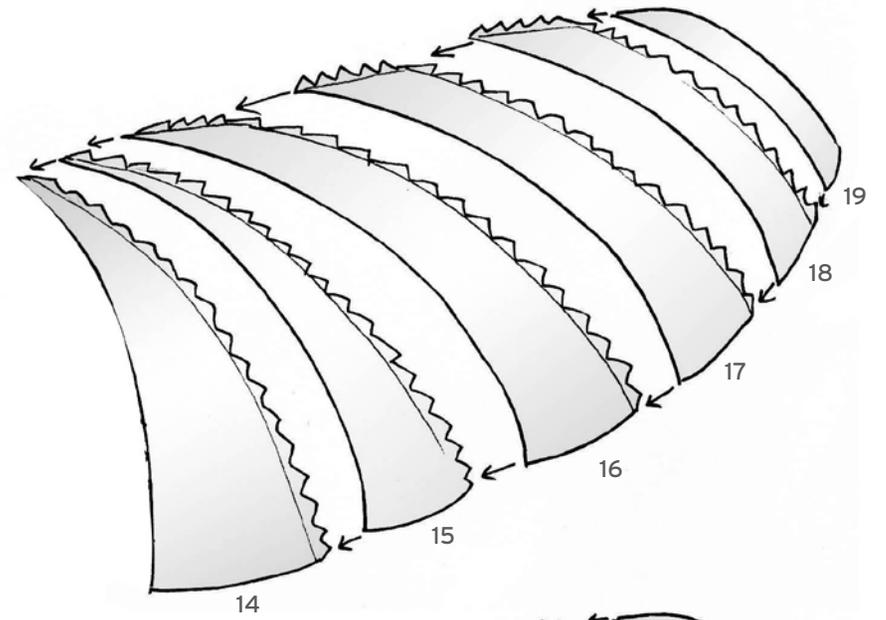
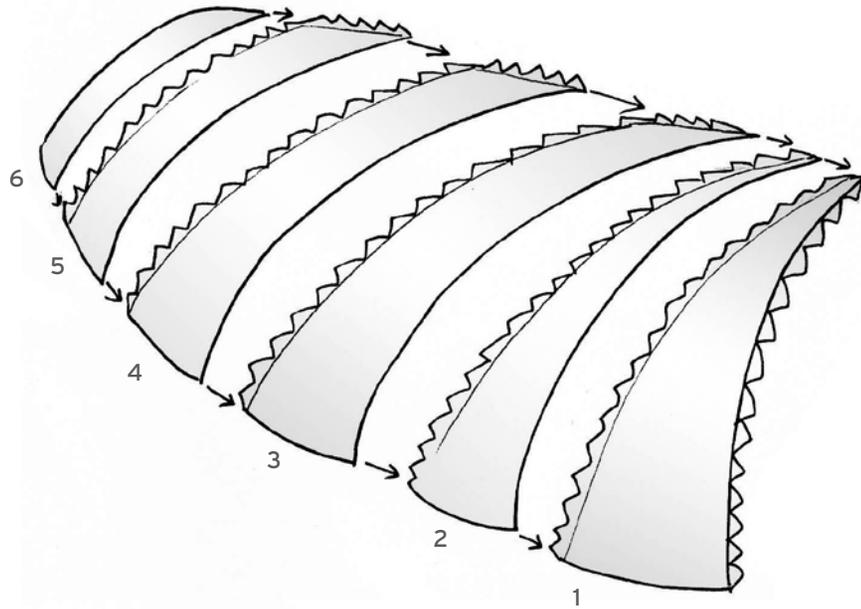
The dome is constructed mainly of titanium and glass and requires no

pillars. It spans 212 meters in east-west and 144 meters in north-south direction, and stands at a height of 46 meters. It covers three internal structures which contain the actual Theater Hall, Concert Hall and Opera Hall like a huge tent. All the Halls together contain 5452 seats and have an interweaved structure, connected by countless balconies and bridges. The building has two entrances: The main entrance in the north and a second one in the south. From the subterranean entrance hall, the visitors enter the buildings through two tunnels, which feature a glass roof over which the lake water is flowing. The area under the

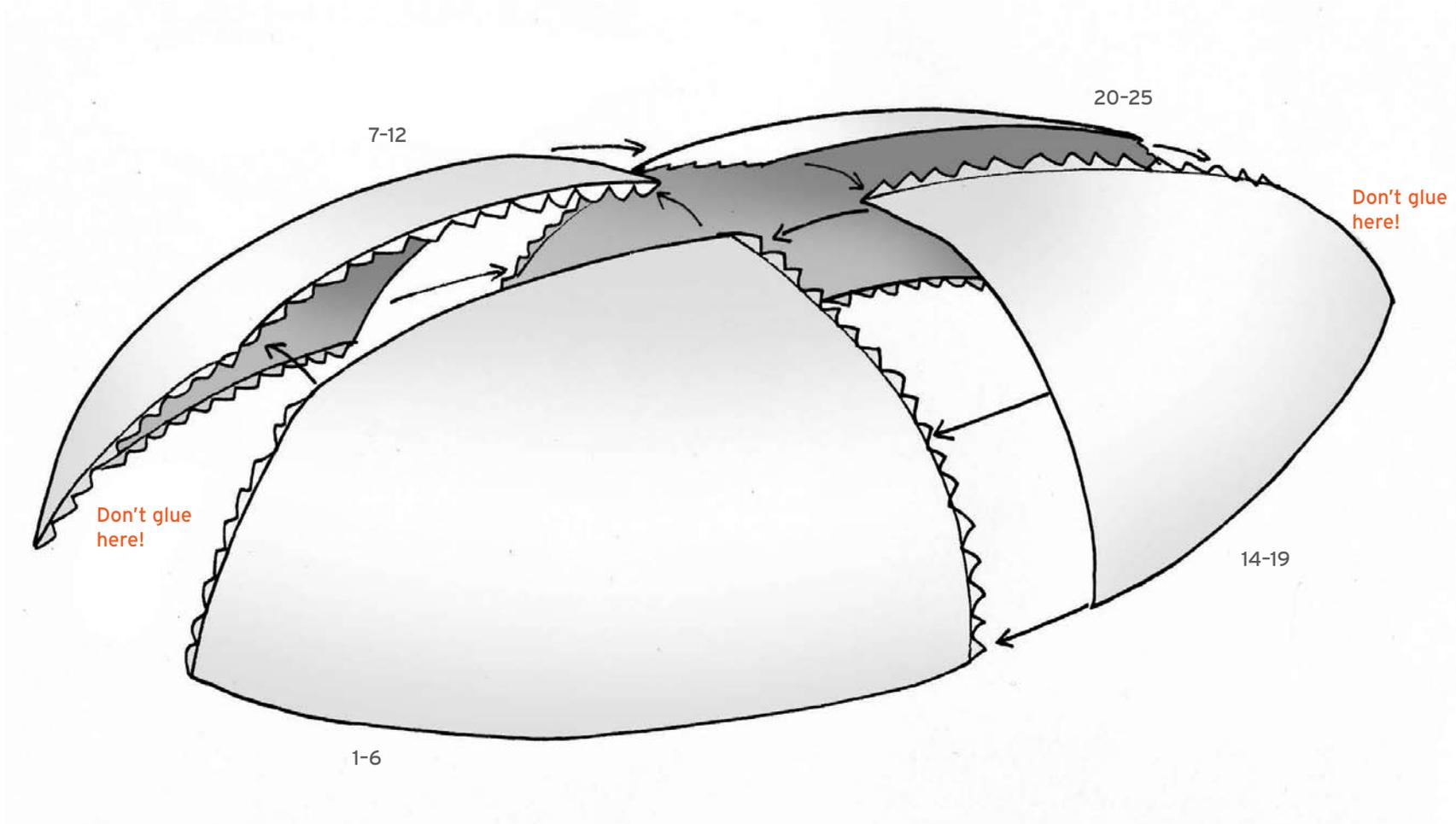
dome is well lit with sunlight by day and features a wonderful view from the upper levels of the internal structures through the huge glass facade which spans across the building with a smaller area of glass on the south side and a bigger area of glass on the north side. The glass area of the dome is meant to give the impression of a theater curtain that is opened to reveal the stage.

The NCPA is the venue for all kinds of events, but most importantly, it is the venue for the National Peking Opera, one of the cultural highlights and the most important unique traditional culture of Beijing.

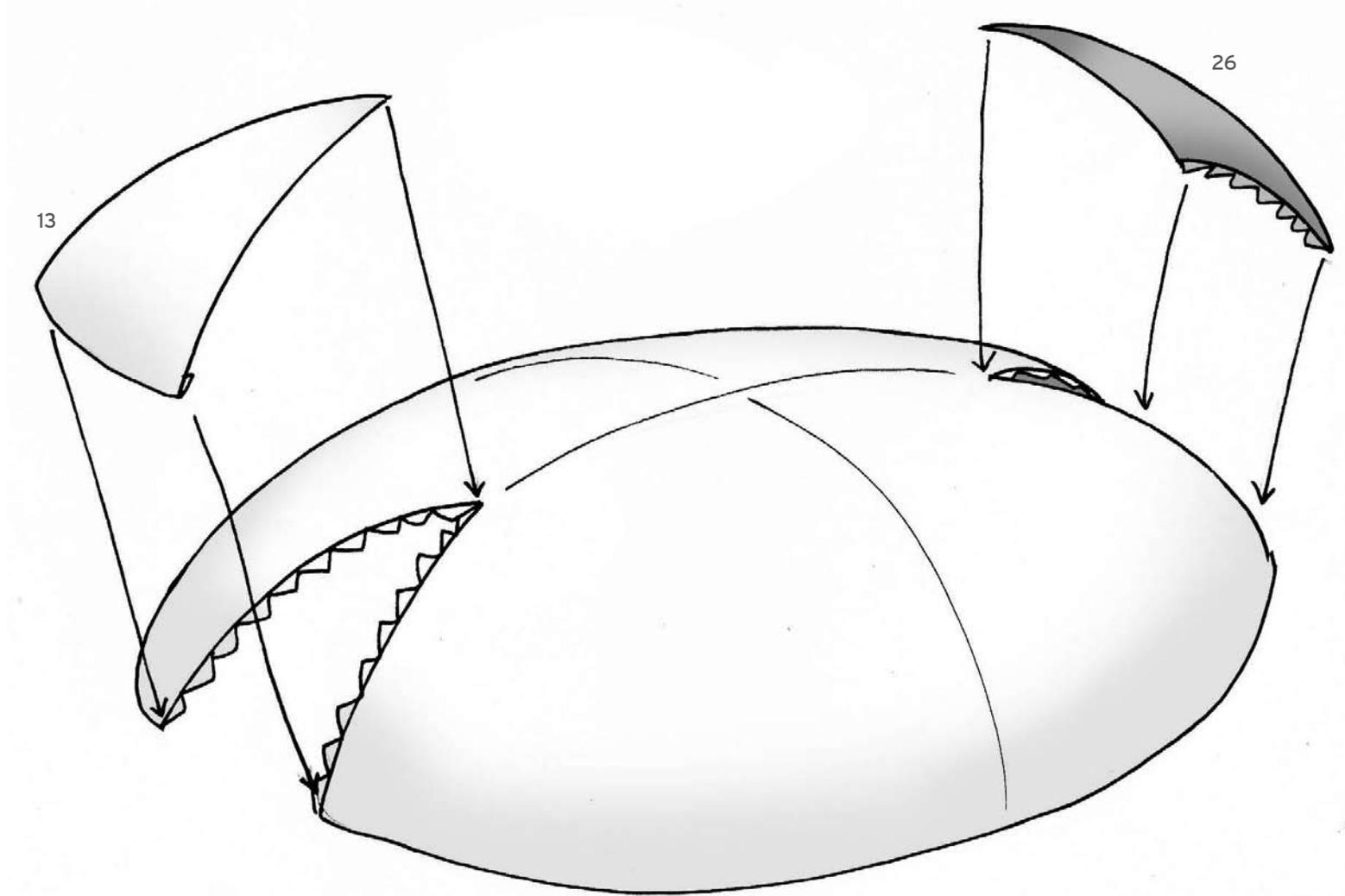
1. Glue together the four main sections, after rounding them adequately



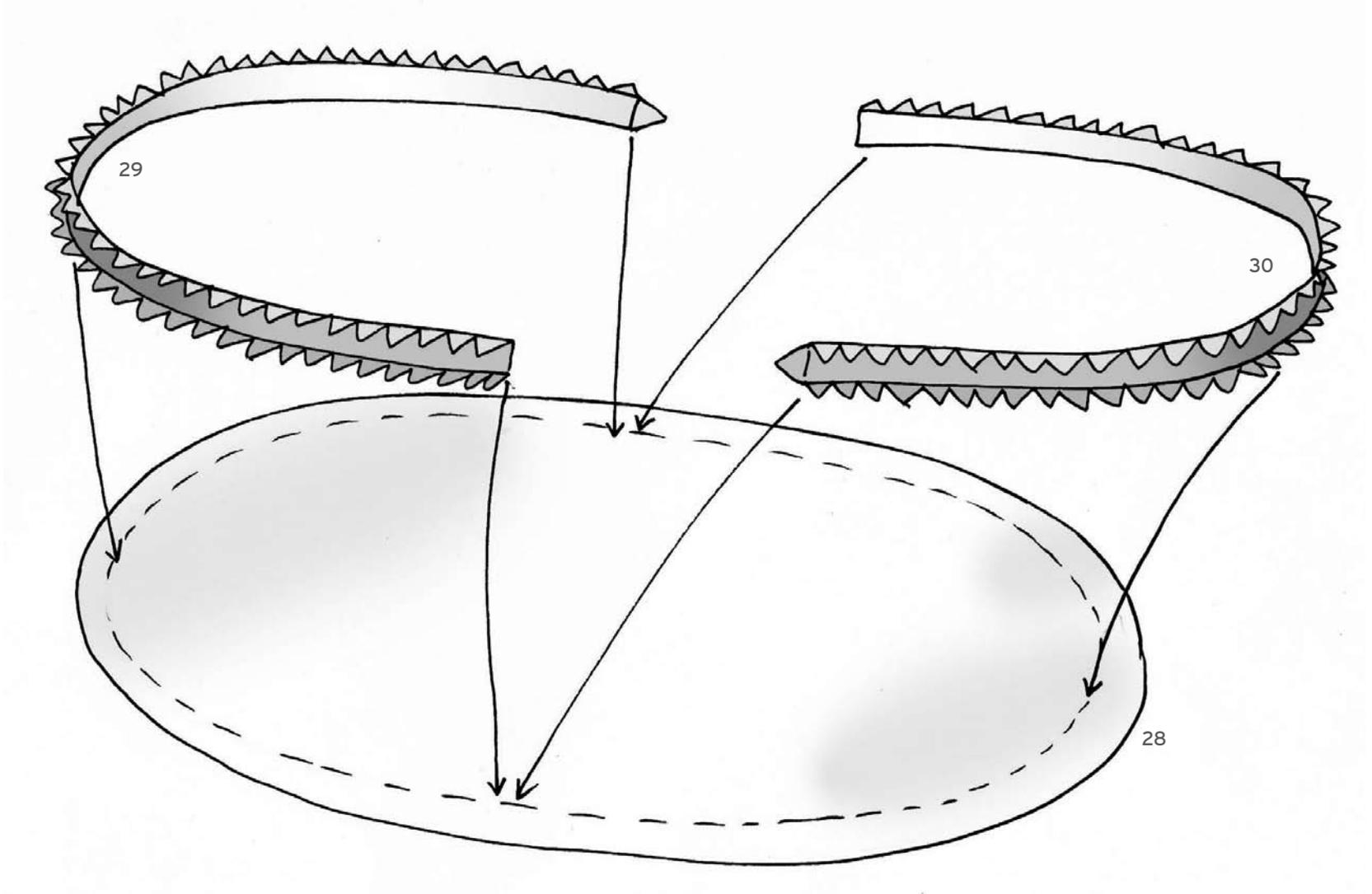
2. Glue together the four main sections.



3. Rounden and add the side ends to complete the dome.

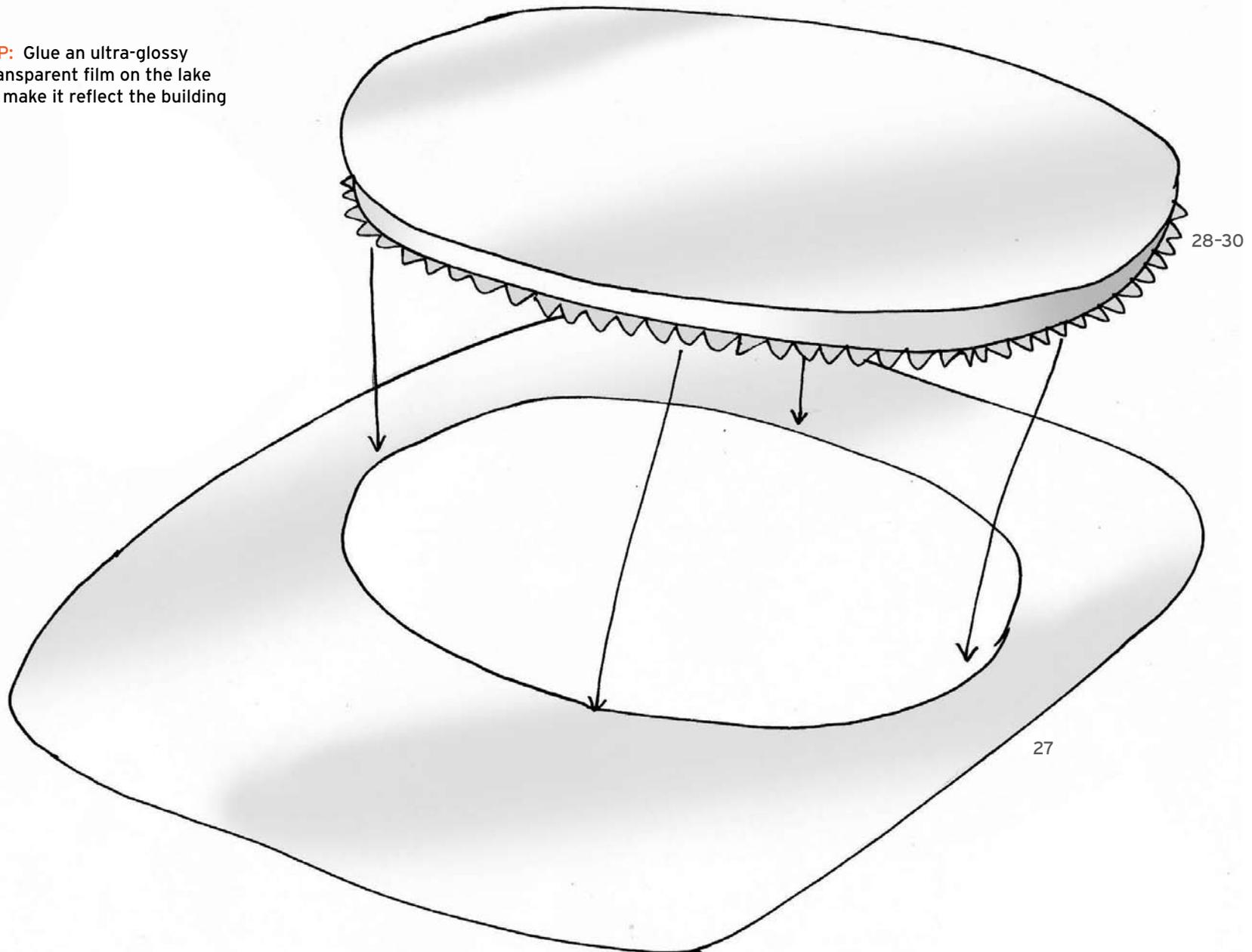


4. For the foundation, glue the foundation walls on the foundation plate.
Make sure to attach them with the **printed side facing inward**.

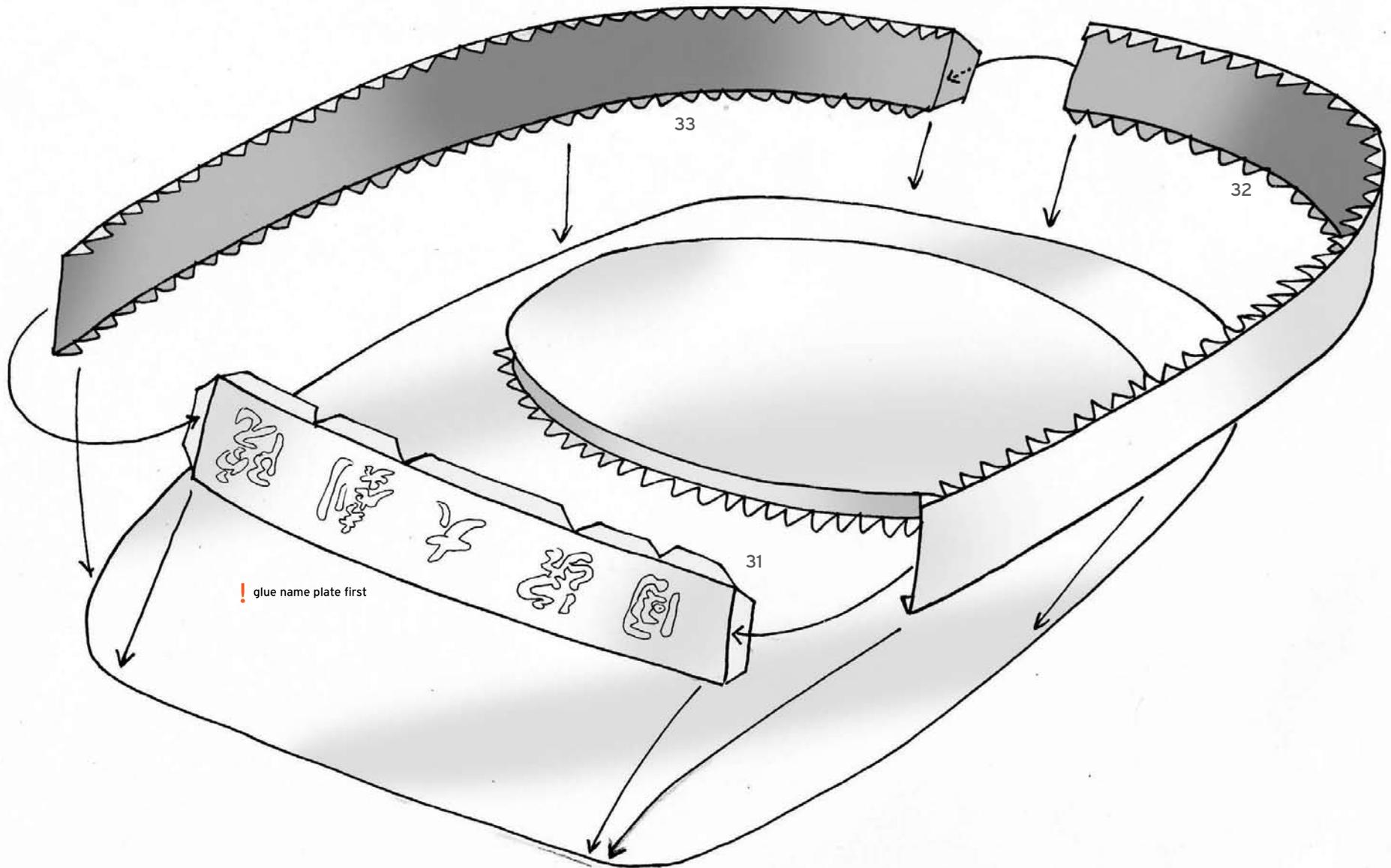


5. Glue the foundation from the underside on the Lake plate

! TIP: Glue an ultra-glossy transparent film on the lake to make it reflect the building



6. Glue the pedestal walls under the lake plate. Make sure to align the name plate in the middle and that the **top of the text faces the lake**.



7. Glue the Dome into the foundation.
The **side with the bigger window** faces the front.

! TIP: It adds a lot of stability to the model to glue its bottom onto a thicker cardstock. After it has dried, you can cut away the bottom cardstock along the pedestal walls.

