

VISIT AT OUDEKERKSPLEIN 30

09:00



the sun comes from the east (left in this picture) so the mirror has to be almost at a right angle with the facade of the building. as the sun moves towards the south (straight in this picture) the mirror can become less at an angle.

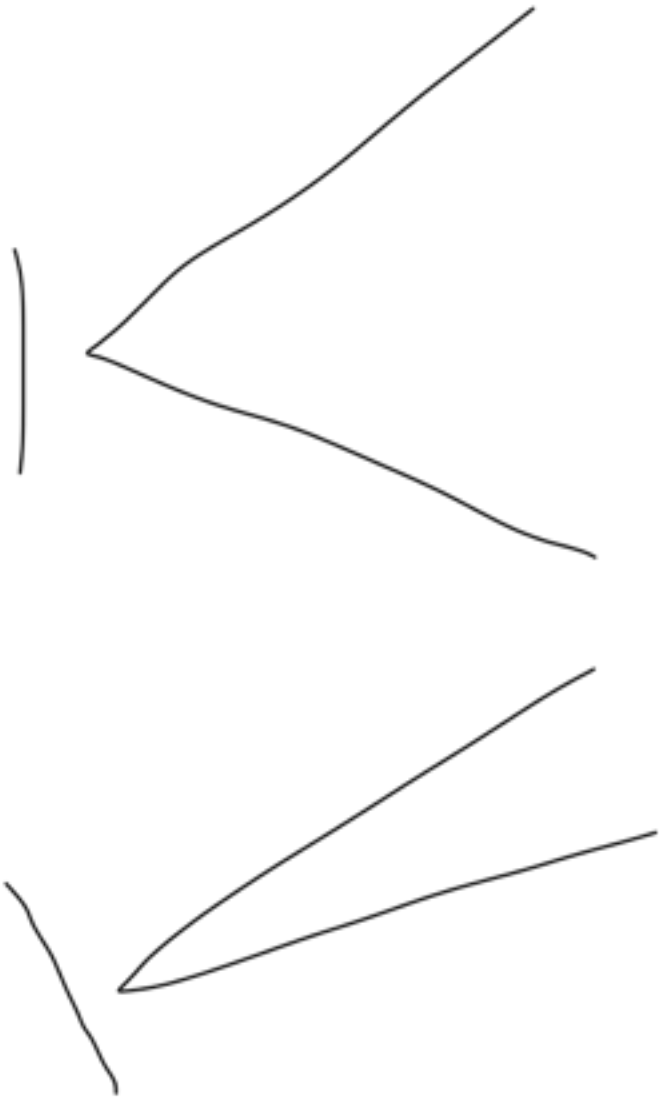
!! If we install a mirror that doesn't move, this means that the projection on the window will move together with the movement of the sun



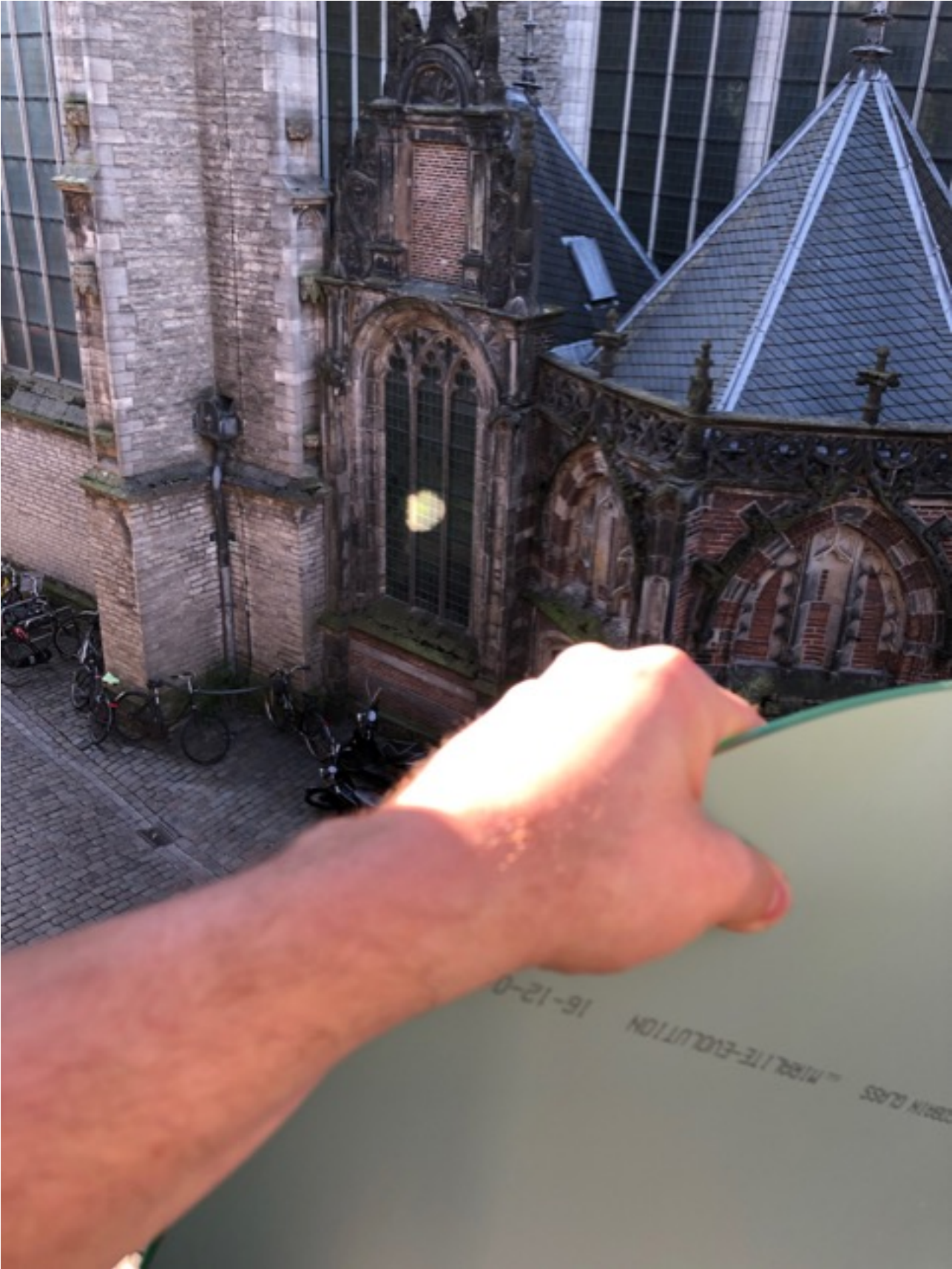
The lower the mirror, the more straight it can stand (vertically). In the early morning (before 10) the sun shines through the alley (instead of over the roof of the church) which means the mirror can hang very low on the building, like in this picture (or even lower).



Sketch diagram to illustrate difference between straight and slanted mirror (along vertical axis).



test with big circular mirror - covers almost a whole rectangle (16 panels).



the image above is made with the larger circular mirror (see below)



09:30

- Sun still coming through alley. Possible to mount mirror quite low.
- The lower the mirror the higher the projection on the wall inside.
- Mirror slightly less at angle with facade. Slightly!



10:00

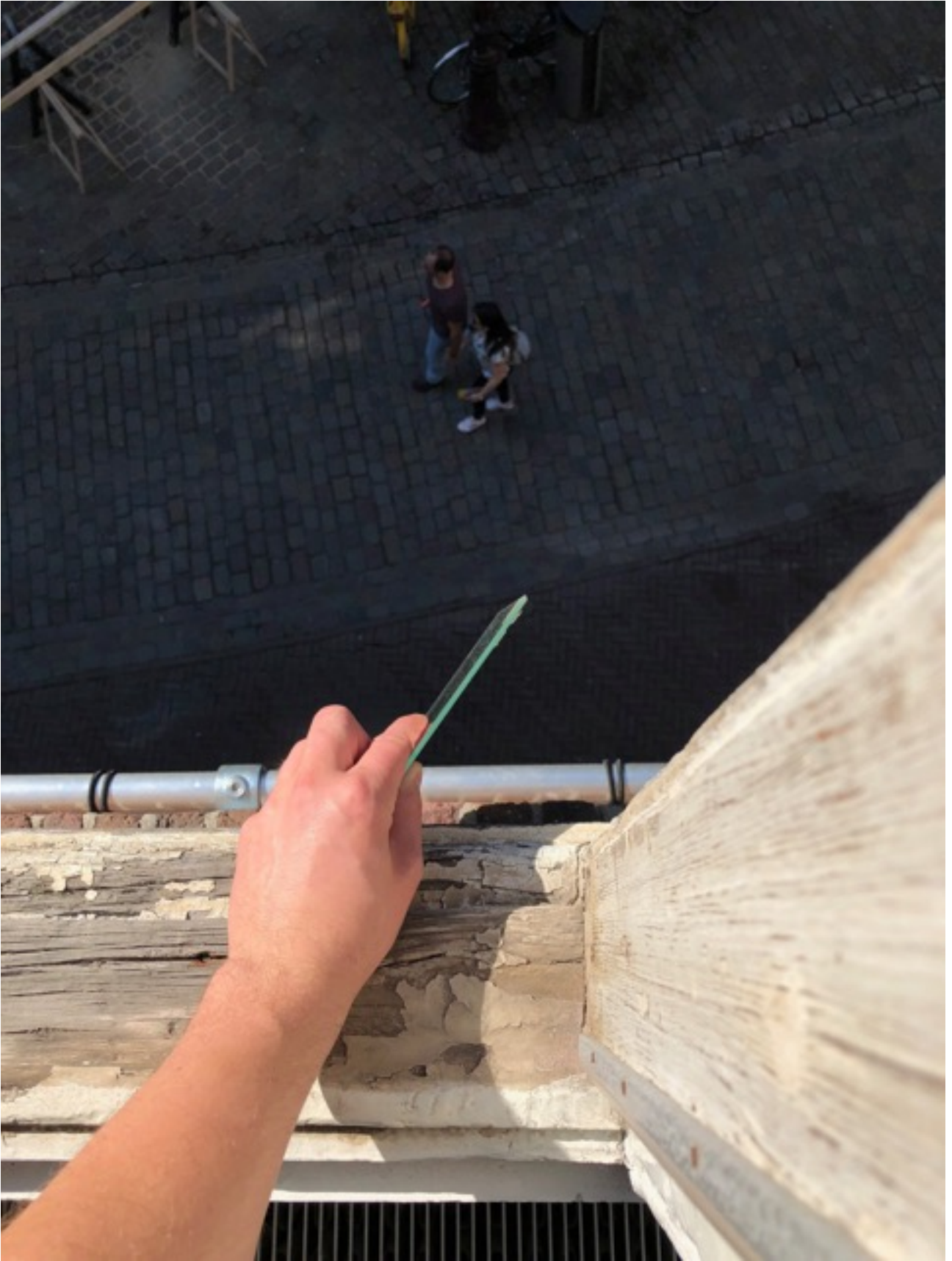
Most of the facade is in the shade. Can only catch sunlight from top right corner.

10:30

Most of the facade is in the shade. Can only catch sunlight from from left corner

10:45





OVERVIEW OF SHADOW IN THE MORNING

** earlier in the year the sun is lower so the shadow will be higher, meaning that between 10 and 10:30 the whole facade is likely covered by shadow.

