



# STICKY STONES

WHAT DOES THE BRICK OF THE FUTURE LOOK LIKE?

ARCHITECTURE ACADEMY OF AMSTERDAM, STUIONINEDOTS,  
AND STONECYCLING ARE DEVELOPING THE BRICK OF THE FUTURE

SECOND BLOG IN A SERIES OF 3 ON 'STICKY STONES', FEBRUARY - JUNE 2016



# PART

## II/III

**3 THEMES, 3 DESIGNS  
FIRST PROTOTYPES  
NO MATTER, FAIL BETTER  
BRICK MOLDING**

**NORMALLY, BRICKS ARE  
GLUED BY MEANS OF MORTAR:  
NOT DEMOUNTABLE  
AND THEREFORE VERY  
SUSTAINABLE.**

**CAN WE DESIGN BRICKS THAT  
FUNCTION AS STICKY NOTES?  
DEPLOYING GRAVITY AND  
OTHER MEANS IN CASE TO  
ACCOMPLISH  
A DRY OR DEMOUNTABLE  
STACKING OF BRICKS: STICKY  
STONES**

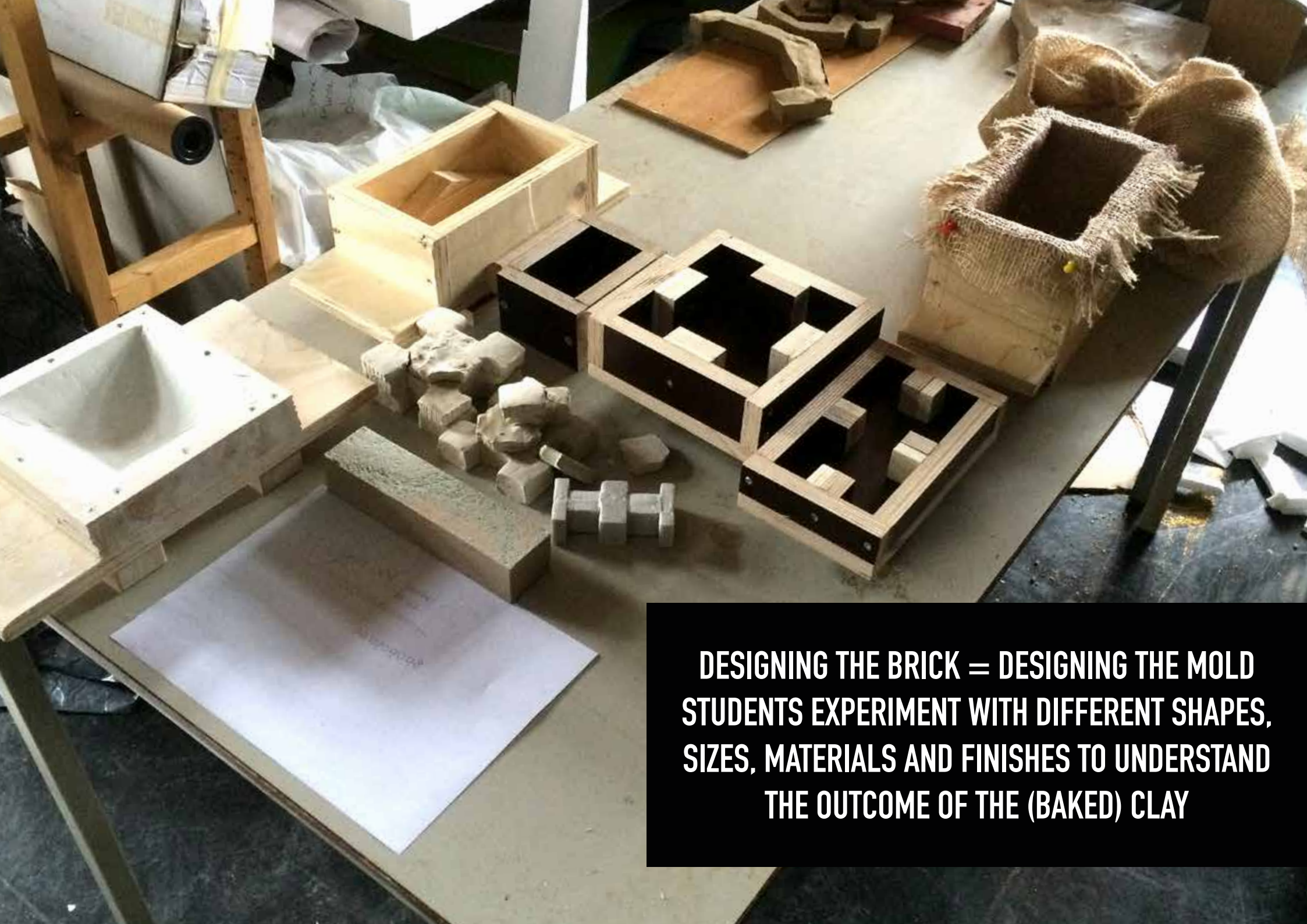




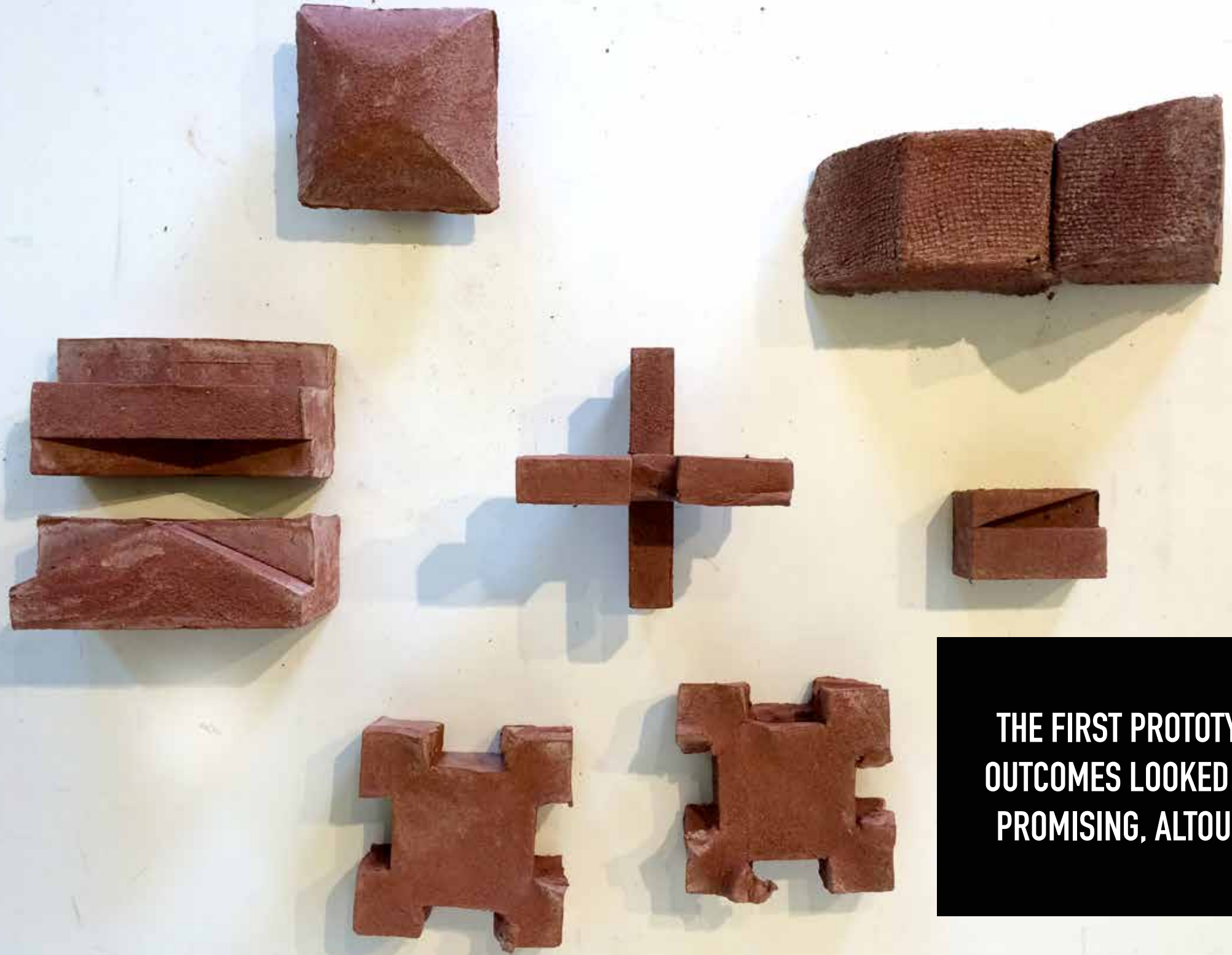
## **3 TEAMS, 3 DESIGN THEMES**

- 1. SURFACE: MAXIMIZE GRIPS**
- 2. WEAVING: TIE BRICKS TOGETHER**
- 3. DNA OF BRICK: STRUCTURES**






**DESIGNING THE BRICK = DESIGNING THE MOLD  
STUDENTS EXPERIMENT WITH DIFFERENT SHAPES,  
SIZES, MATERIALS AND FINISHES TO UNDERSTAND  
THE OUTCOME OF THE (BAKED) CLAY**



**THE FIRST PROTOTYPES  
OUTCOMES LOOKED VERY  
PROMISING, ALTHOUGH...**

A piece of brown cardboard mold is shown on a perforated metal surface. The mold is rectangular with several irregular, jagged edges and some internal folds, suggesting it was used for casting or molding. The surface it sits on is a light-colored metal plate with a regular grid of small circular holes. The background is slightly out of focus, showing some industrial equipment.

**TRY AGAIN, FAIL AGAIN, FAIL BETTER.  
STUDENTS CHANGED DIMENSIONS DUE  
TO EXPANSION ISSUES AND IMPROVED  
THEIR MOLDS FOR A MORE PRECISE AND  
EFFICIENT USE.**

**AS STUDENTS DESIGNED THE BRICKS IN TEAMS, THEY ALL SET UP THERE OWN PRODUCTION LINE IN ORDER TO PRODUCE A LARGE QUANTITY OF BRICKS**





**IN THE ST. JORIS FACTORY, THE STUDENTS PRODUCED A FEW HUNDREDS OF BRICKS BY CASTING OVER 1000 KG WASTE BASED CLAY IN THERE OWN DESIGNED MOLDS**



**THE BRICKS WILL BE SERVED AT FABCITY  
AMSTERDAM, A TEMPORARY CAMPUS FOR  
URBAN INNOVATORS, APRIL 1 – JUNE 26**



# STICKY STONES 2016 - 04 ASSIGNMENT AMSTERDAM ACADEMY OF ARCHITECTURE

**Amsterdam Academy of Architecture: Machiel Spaan**

**Studioninedots: Jurjen van der Horst**

**Stonecycling: Ward Massa**

**St.Joris keramische industrie B.V.**



Studioninedots

