



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**

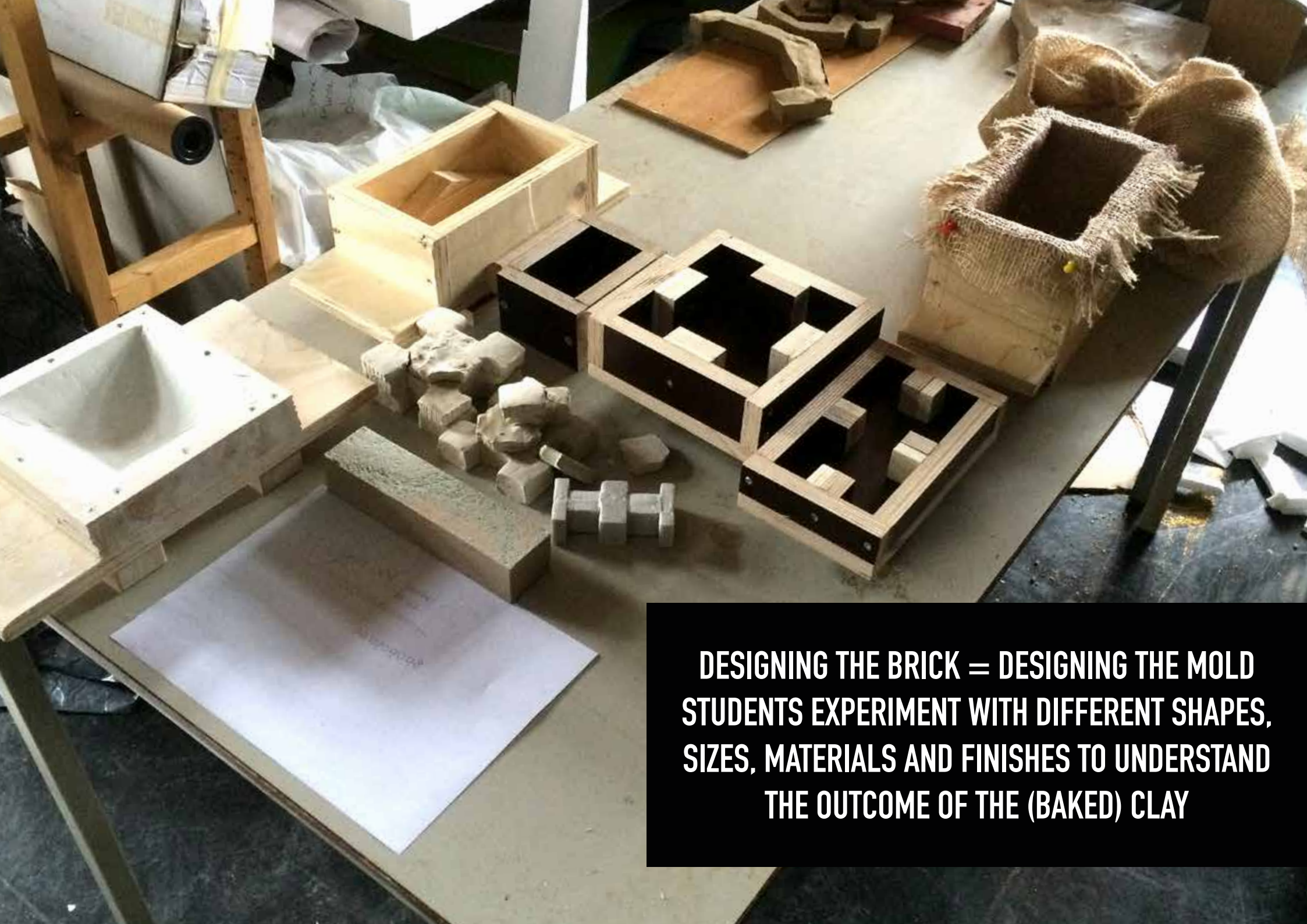




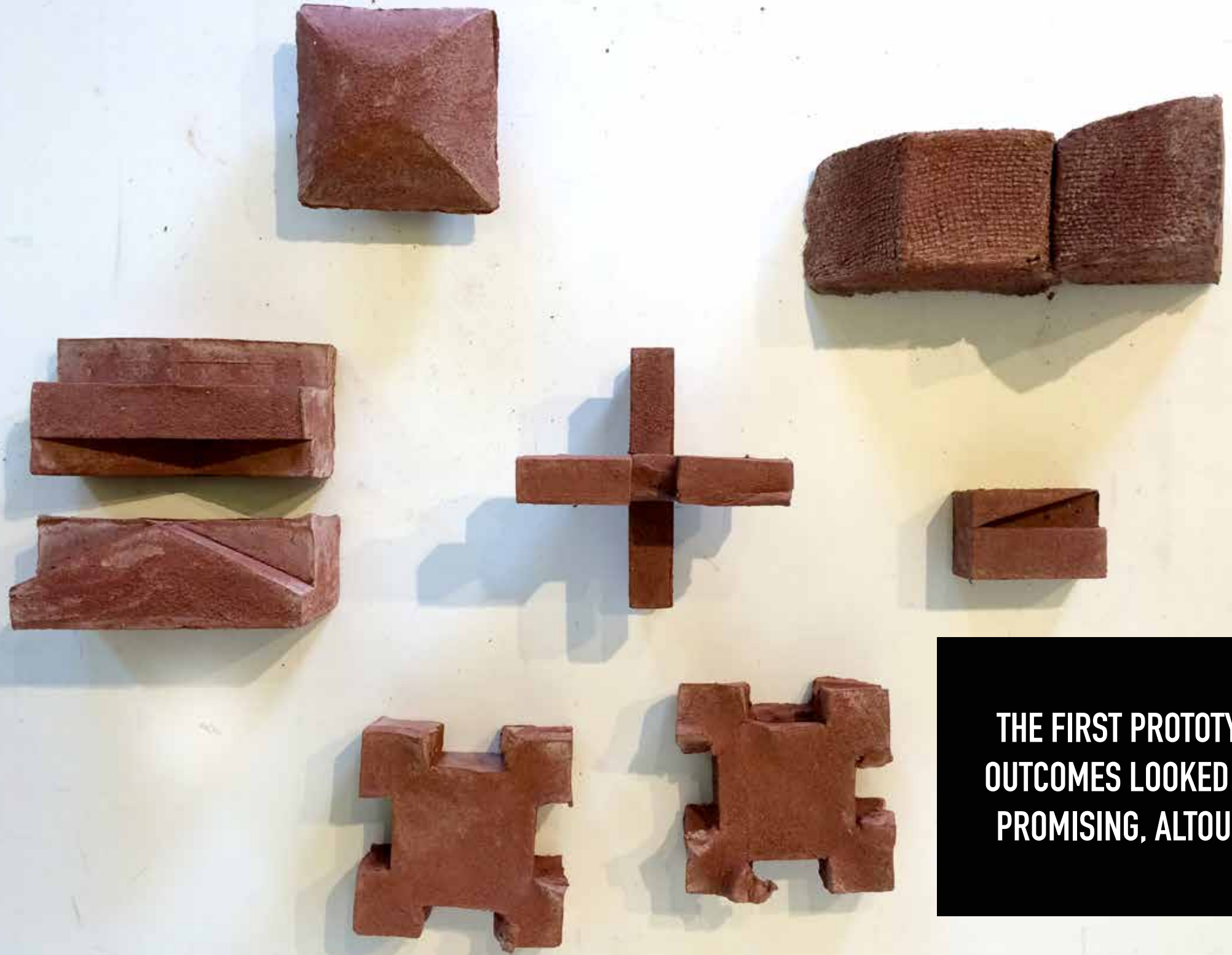
3 TEAMS, 3 DESIGN THEMES

- 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, ALTOUGH...**

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

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Studioninedots

