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PRECEDENCE 1

BUILDING: Herbs storage building for candy company Ricola

LOCATION: Laufen, Switzerland

ARCHITECTS: Herzog & de Meuron + Martin Rauch

- Constructed out of prefabricated rammed earth
- biggest rammed earth building in Europe - 100m x 30m
- 50 m parts are constructed by hand indoors (susceptible against water if not sealed or protected)
- simple appearance, but appropriate to the use of material layered look

PRECEDENCE 2

BUILDING: Chapel of Reconciliation

LOCATION: Berlin, Germany

ARCHITECTS: Sassenroth-Reitermann Architects

- Constructed as asymmetrical oval form
- protected by rain through exposed wood structure
- due to material constraints only small openings possible

Material Qualities

- Regulation of humid air
- collects thermal energy during the day, releases it during nighttime
- conservation of wood
- binding of toxins within the air
- sustainable
- reusable
- can be produced on site from local resources

- heavy material, use in compression
- limited possibilities in designing form

measurements:

- 50 cm x 50 cm x 40 cm
- as the facade also serves as load bearing wall a thickness of 40 cm is necessary



idea:

- due to the fabrication process, each layer must be between 8 cm and 12 cm in height
- to emphasize the fabrication process, each layer is separated by a shadow gap
- in order to show the visual variations of this simple material the different layers slightly differ in colour
- as stamped earth is a heavy material and only allows a few visual variations, I want to investigate in this exercise, if negative imprints attached to the formwork are possible

