WHAT DOES IT LOOK LIKE?

HOW IS IT FUNDED?

WHAT DOES IT DO?

FORM

ACTUALIZATION

SOCIAL
1% of development spent on (generally good) public art yet the public realm is considered a failure..............why? Could climbing help?

Dockland’s Melbourne
John Frankland - Shoreditch Boulders

Bouldering placed in the public realm as art using quarrying process

Albrecht Thausing - Bergstoss

Interpretation of boulder placed in the public realm as art using digital technology
Possibilities for climbing seem to be everywhere in the urban environment.
Built urban bouldering is not new.
Neanderthal skull scanned

Faces

Beethoven bust

Could fruit work?

Bitter melon scanned

What would make good climbing that is not rock?
The Lettuce Boulders

Propositional landscape investigating the seriality of multiple replications of a single object with seemingly climbable features created using digital technology
Height field technique used in collaboration with painter Josh Fartch.

A sketch painting was used to create a topography that was then re-interpreted by the painter at a new scale and depth of detail.
Experiment in using a picture to create a height field with the intent of turning that form into a climbing hold
Experiment in controlling erratic forms in height field using layer, and gradient masks

<table>
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<tr>
<th>Sample points</th>
<th>25 x 25</th>
<th>50 x 50</th>
<th>100 x 100</th>
<th>150 x 150</th>
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Generation of image into 3D model then 3D print to test possible forms for holds
From print to climbing hold

Silicone mold and polyurethane cast

Edge created to increase structuality

Finished holds
Testing the hold at Melbourne’s Lactic factory

**Cabbage Leaf Hold**

- **Structural edge** makes the hold into a jug for good climbers and devalues cabbage features.

- Route setters unsure about stability of ridges.

- Hold too slippery.

- Unnecessary use of material.

- Cut up hold to make a series of smaller holds.

- How about doing this process with rocks?

**NEGATIVE COMMENTS**

- Great idea, bad hold.

**GENERAL COMMENTS**

- Story line of hold generation is interesting.

- Interesting potential to source new holds.

- Good use of technology.

**POSITIVE COMMENTS**
Manual manipulation of printed hold to create texture
Using contract and layer masks to create a jpeg which, creates a more structural shape limiting the need for hand sculpting.

New jpeg processed in photoshop

New jpeg after height field

Underside of hold. Void gives clues to structurally

Section of hold with flat base added
3D printing is allowing formidable possibilities in conceptual art and architecture.

Why not something climbable?

1971 Gran Torino by Ioan Florea

Digital Grotesque by Micheal Hansmeyer and Benjamin Dillenburger

D- shape printer by Enrico Dini can print 2 story sandstone building
THANKS FOR LISTENING