

Presentation Slides | P5

Flotta: A Bruck-Mining Saga

Transitional Territories Graduation Studio
Richard Thomson | 4779991



“anthropocene”

Themes:

anthropocene:

transition

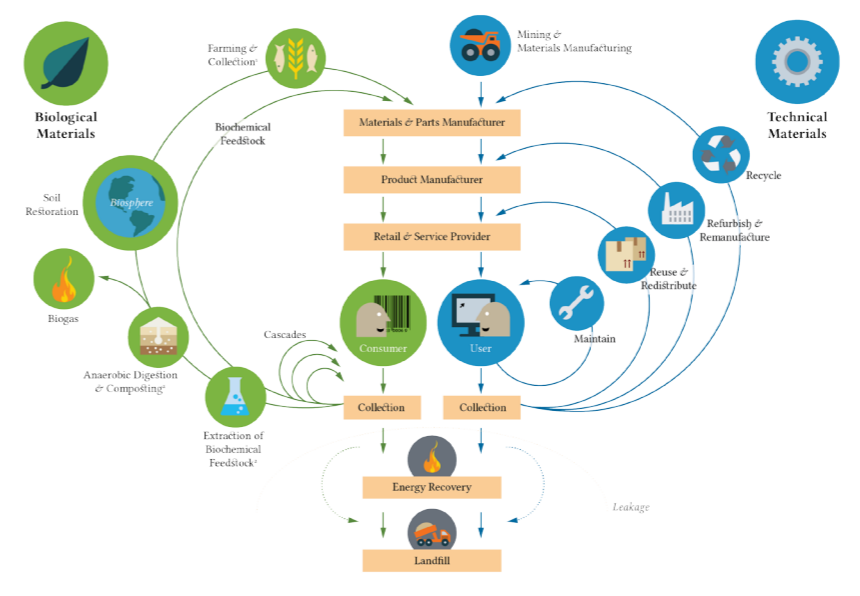
| *permanence*

infrastructure

| *human*

central

| *remote*



transitions

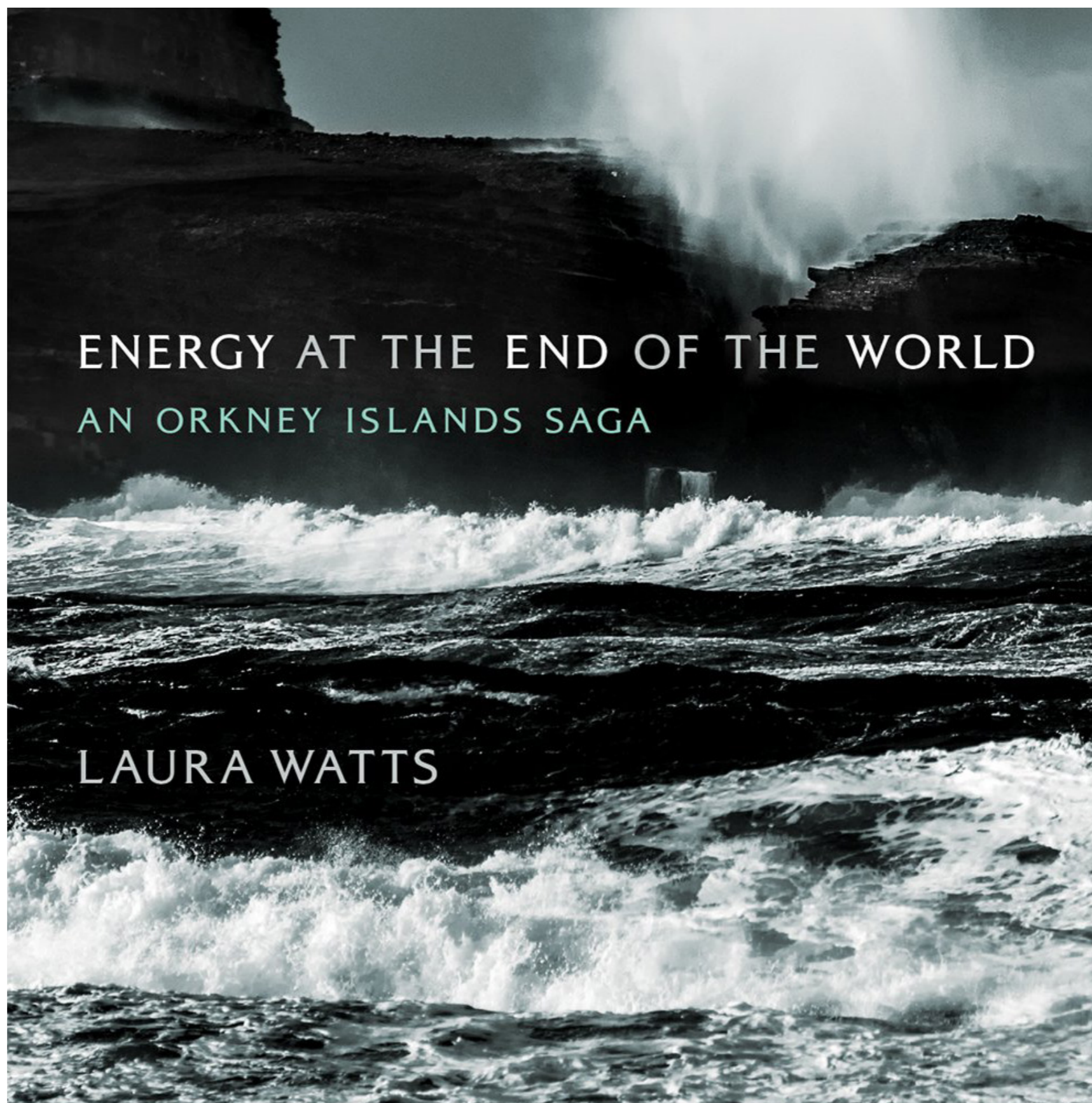
Credits:
<https://makewealthhistory.files.wordpress.com/2013/03/landfill.jpg>
<https://mauritskorse.nl/wp-content/uploads/2015/08/Ellen-MacArthur-Circular-Economy-thesis-01.png>
<https://www.theguardian.com/business/2017/may/02/where-oil-rigs-go-to-die>
https://www.noordzee.nl/project/userfiles/1/facebook_Linked_Image__RWS_Sander_De_Jong_4_.jpg



ecology of flows

Provocation:

Do we REALLY mean it?



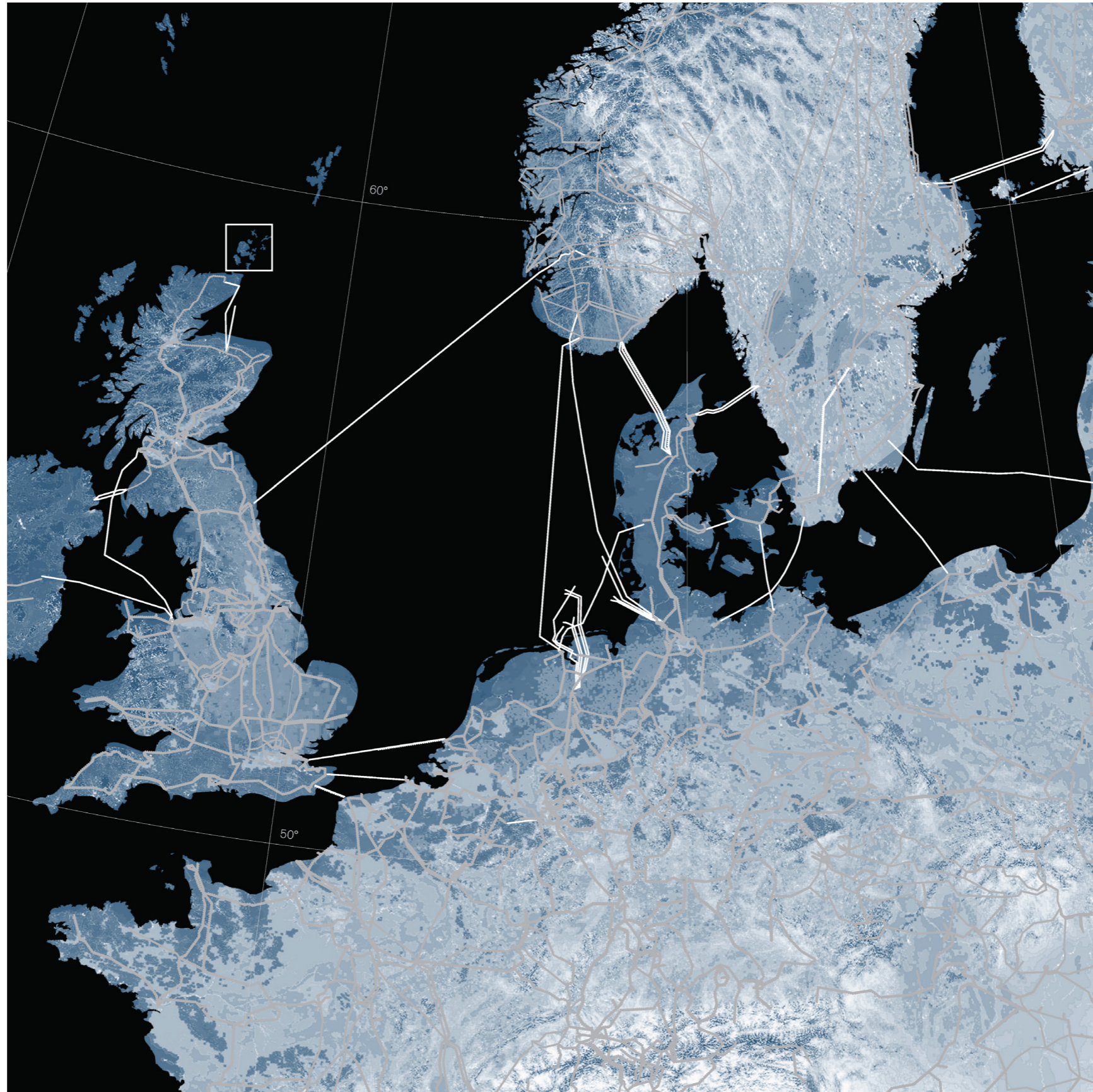
edge



limitations

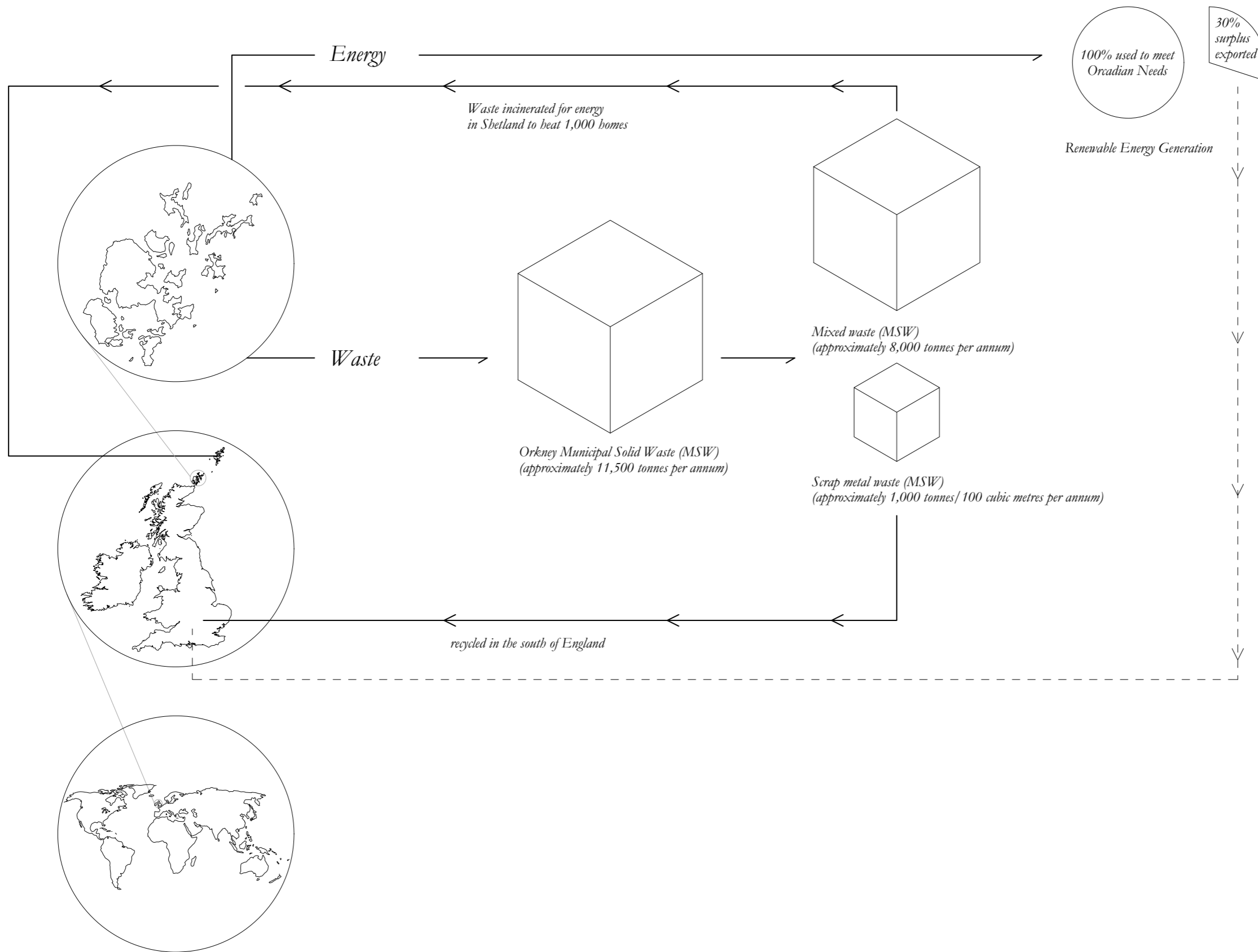


edge



“the Saudi Arabia of marine renewables”



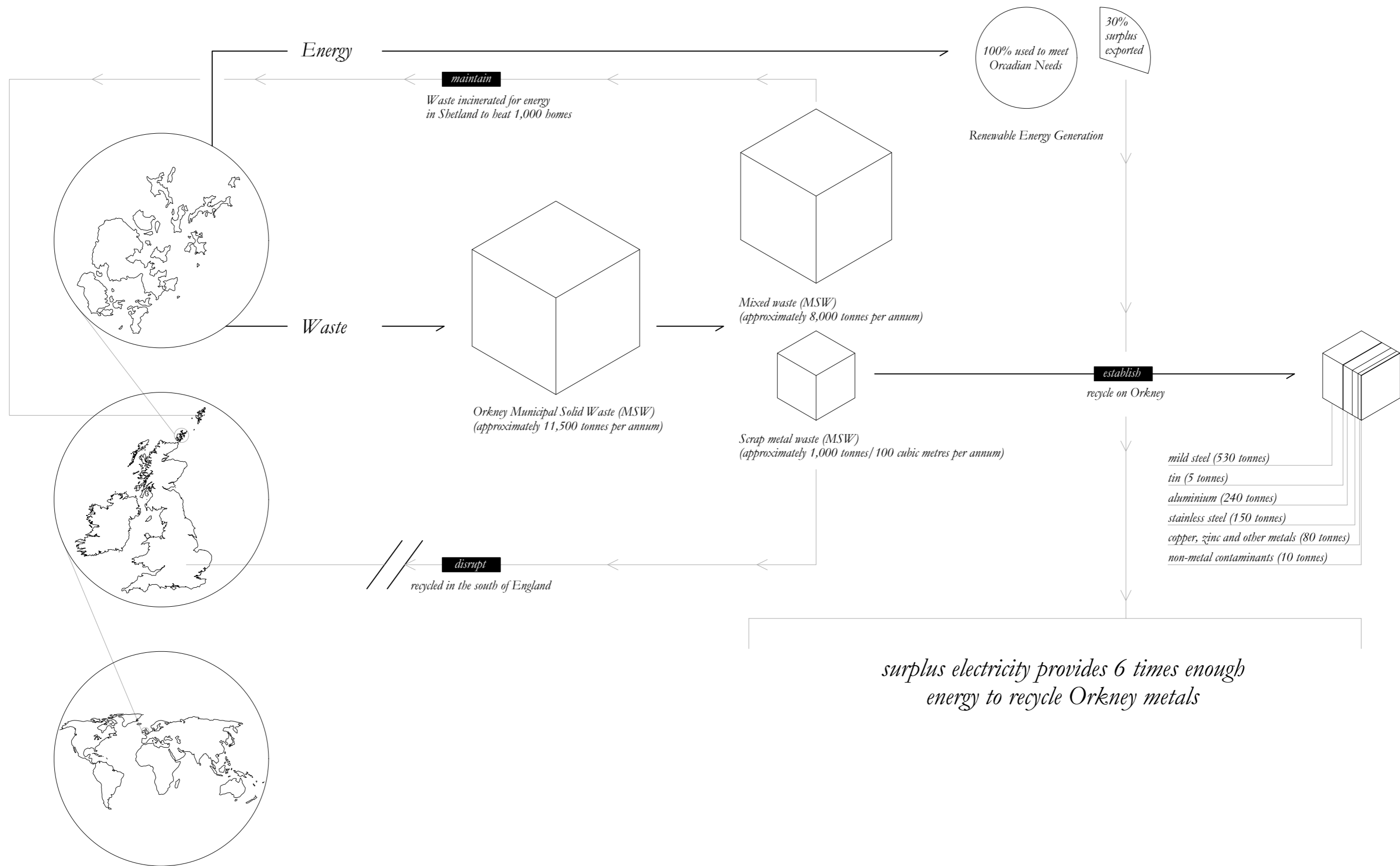


disconnect

Definiton:

“Bruck”

1. “is the Northern Isles’ (Orkney and Shetland) word for both rubbish and for things forgotten or found in an attic or drawer: You phone in to the ‘bruck programme’ on Radio Orkney to request or trade objects.
2. The words ‘waste’ and ‘rubbish’ imply an ending, but the word ‘bruck’ contains a possible future and a new beginning. Bruck is not necessarily committed to landfill; it is a potential resource, something that someone may have a use for.”



system



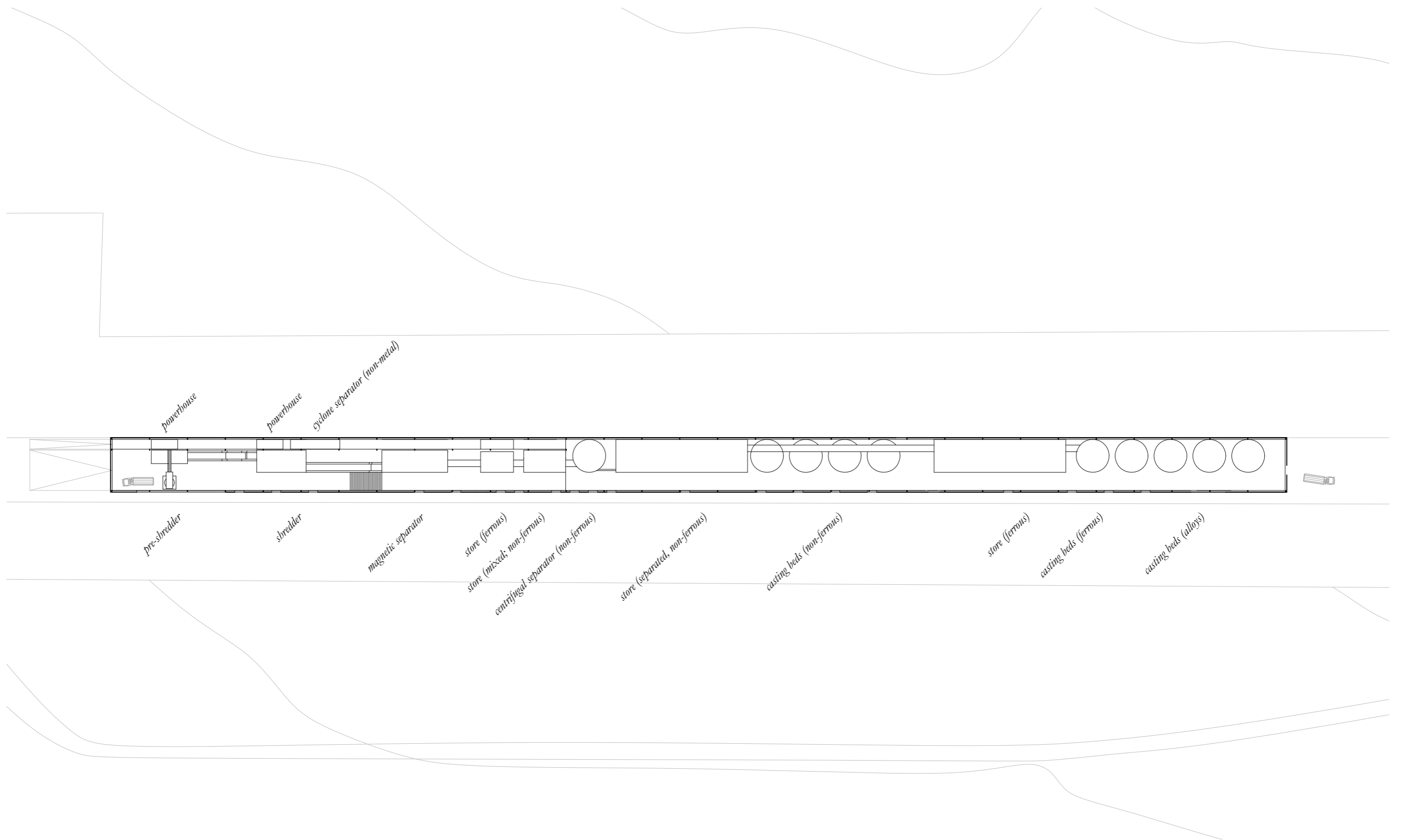
infrastructural-scale bruck-mining



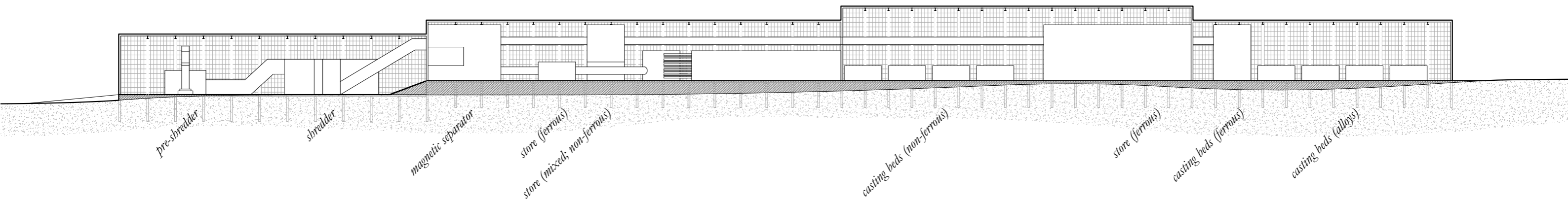
potential bruck sites



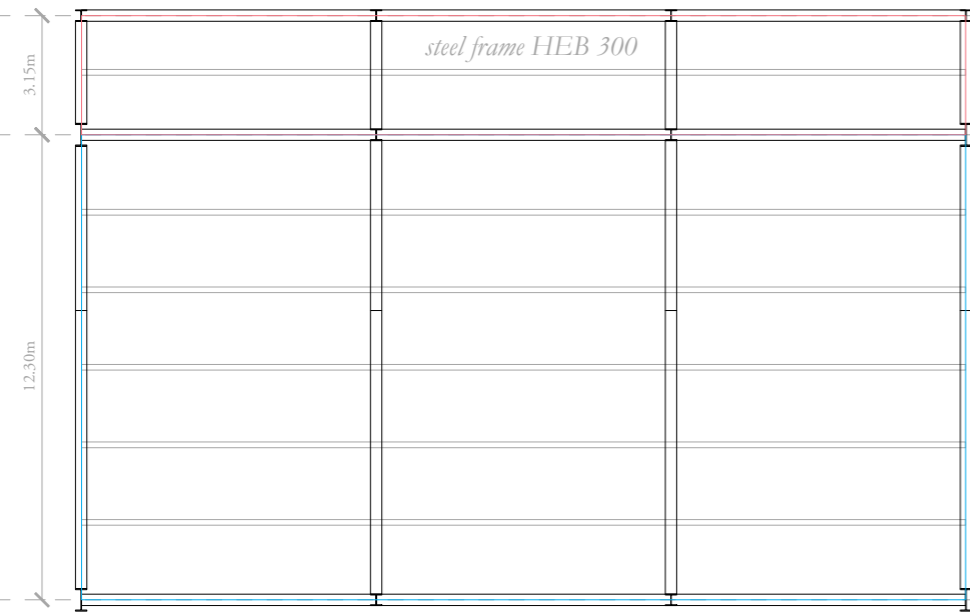
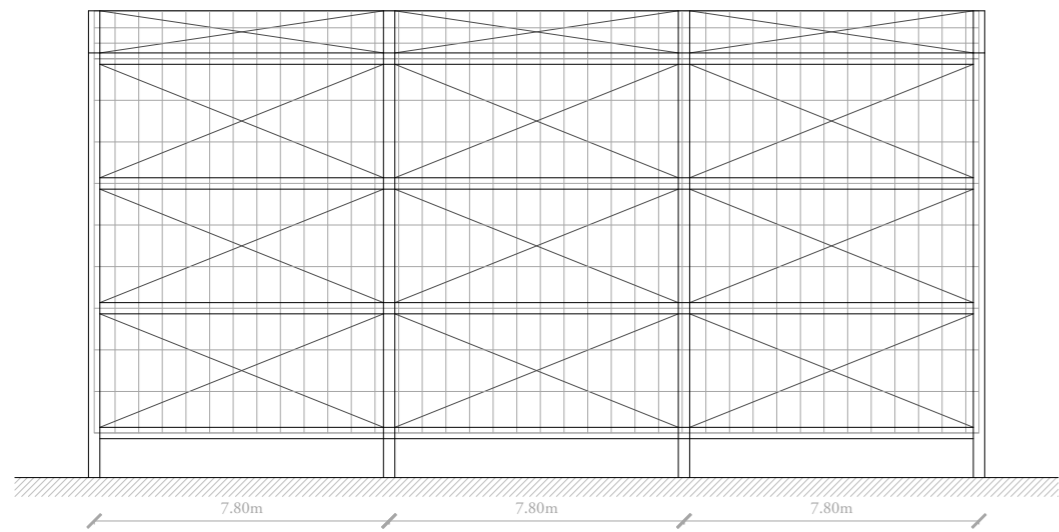
spatial bruck



infrastructural-scale bruck-mining



infrastructural-scale brick-mining

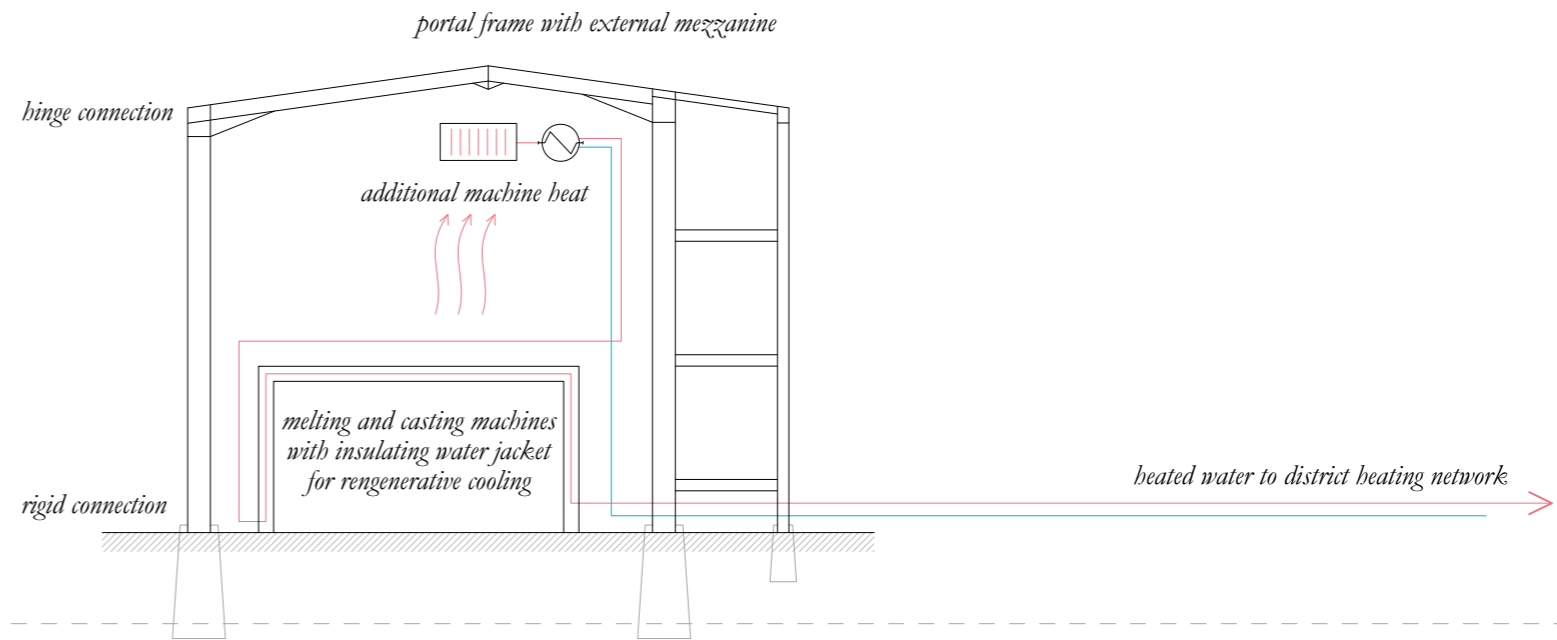


steel frame HEB 300

steel frame HEB 600

offices / control rooms separately heated and insulated

*machine hall insulated by polycarbonate panels.
Mechanical ventilation with heat recovery from machines for district heating*



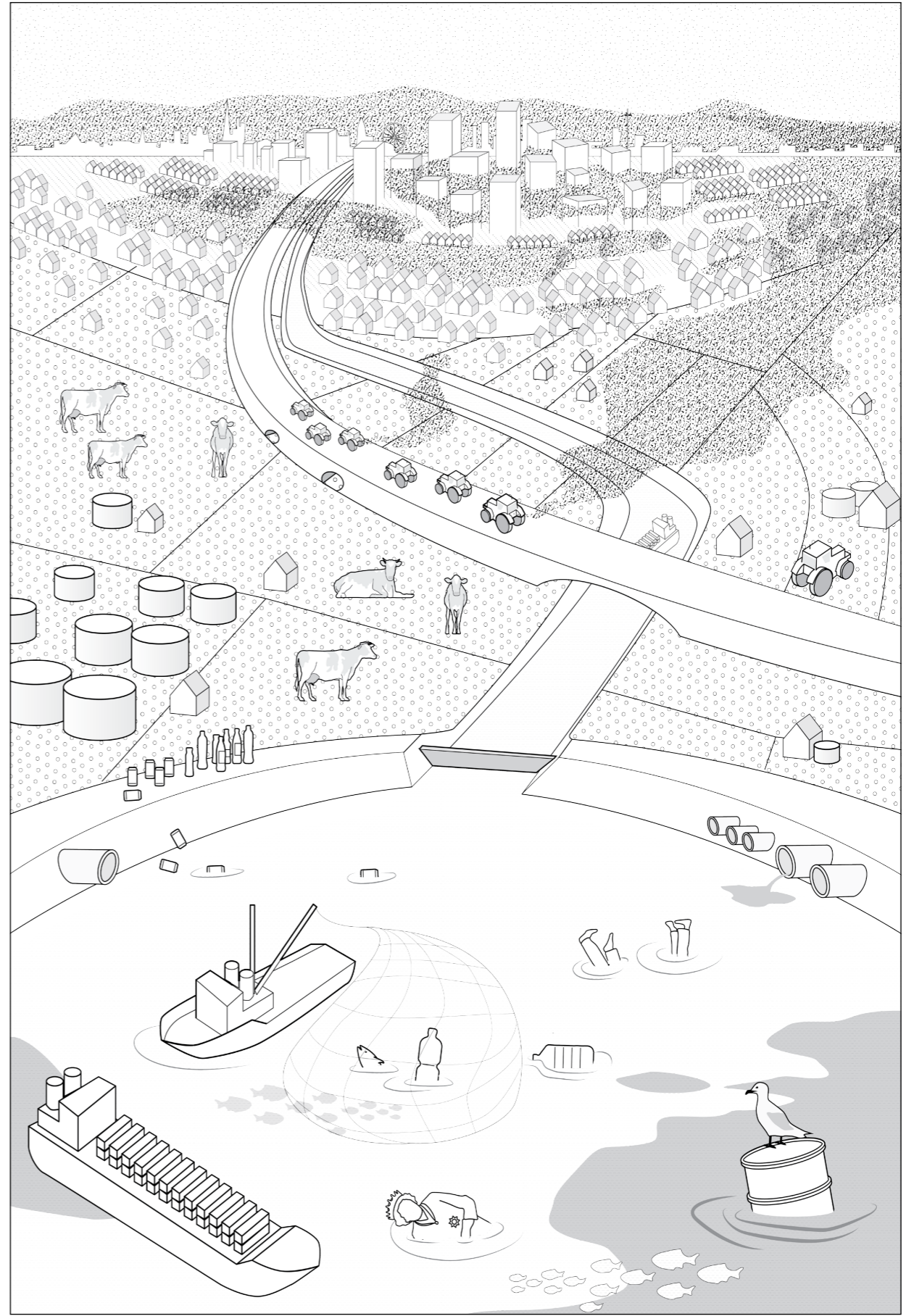
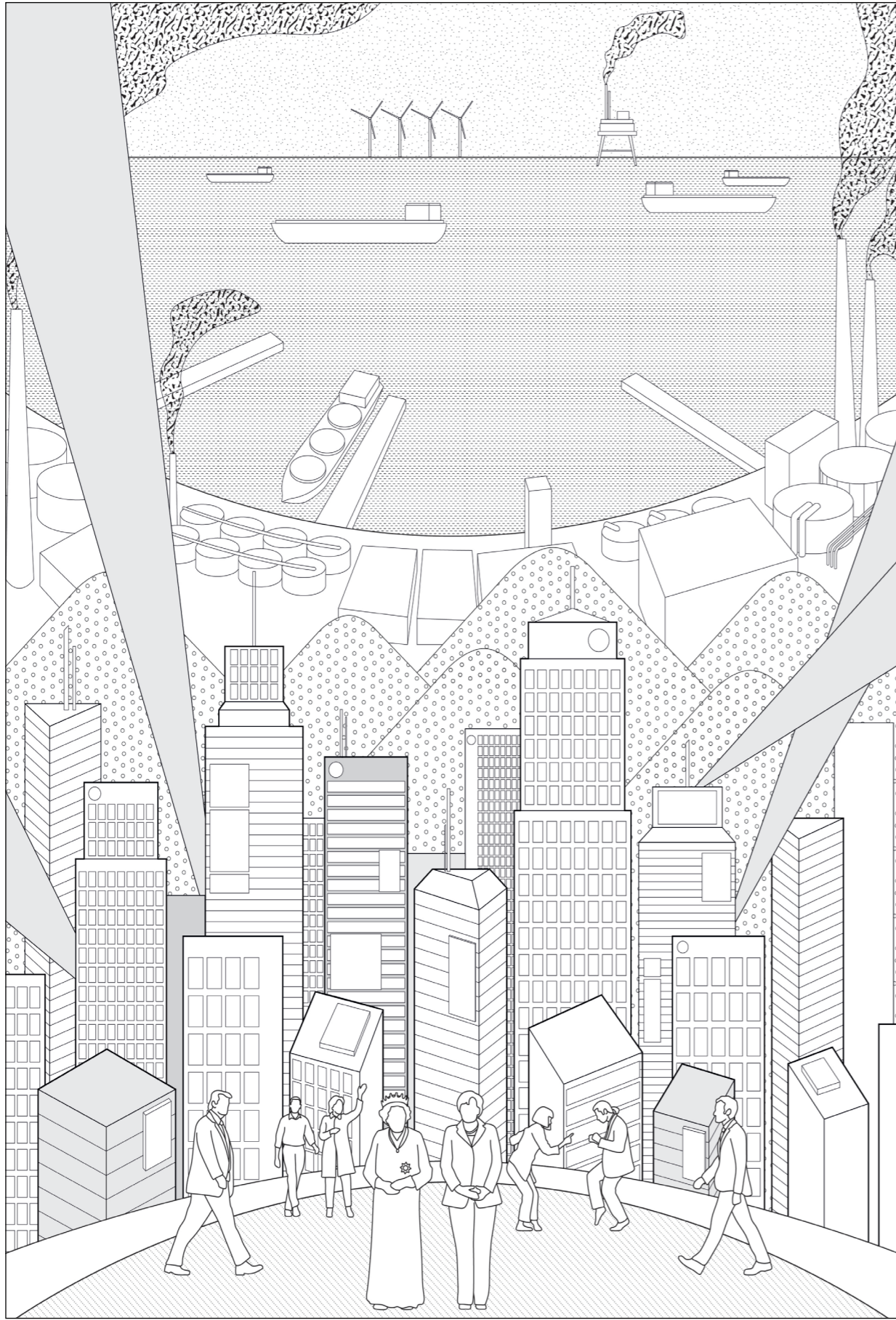


Question:

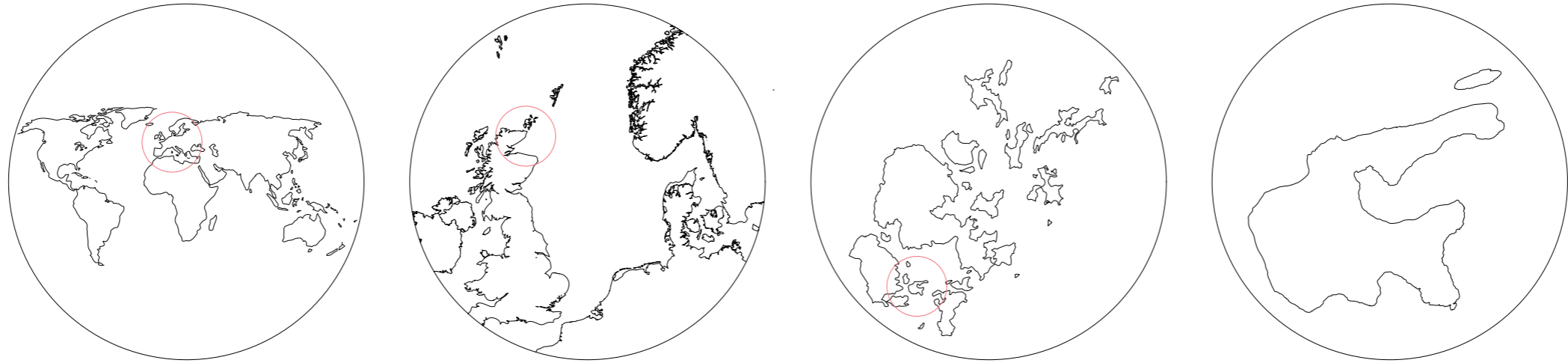
*Where is the humanity in this **Anthropocene**?*



crisis of representation



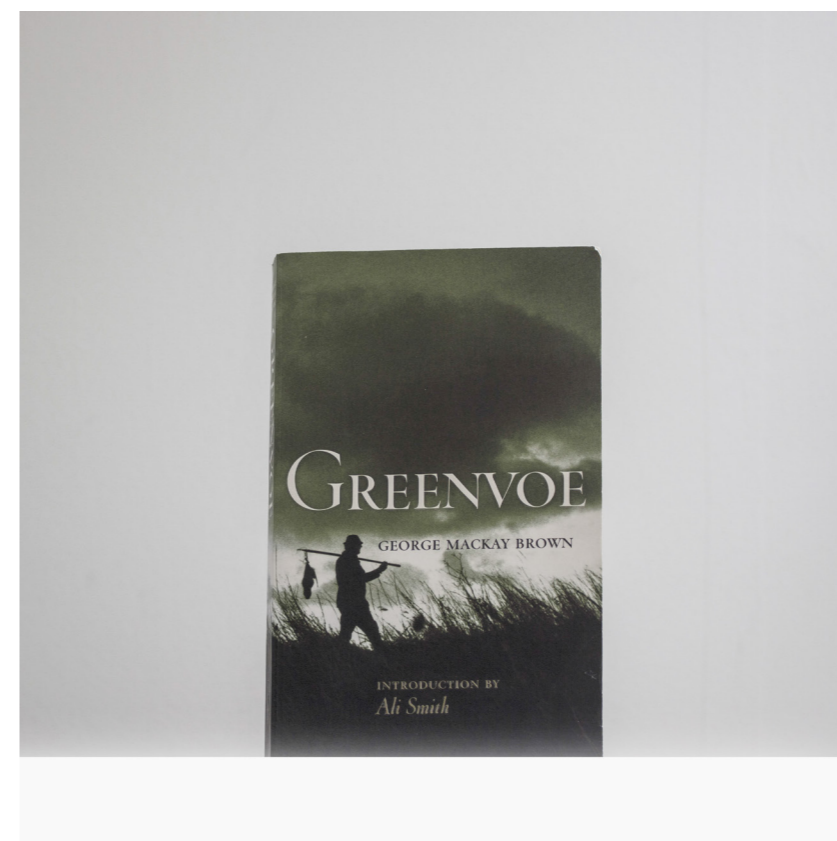
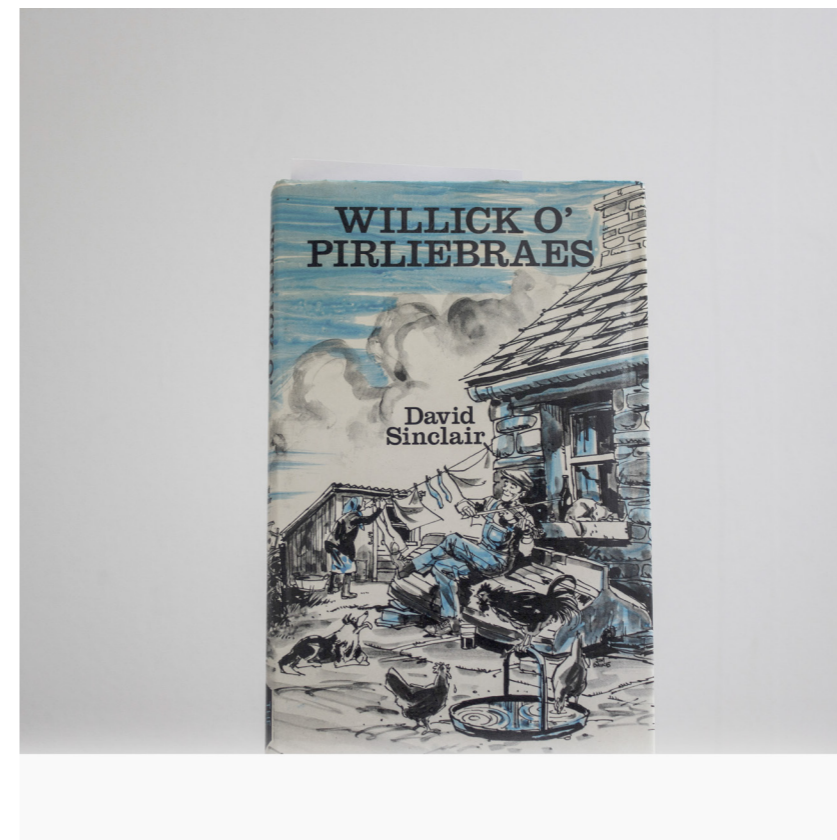
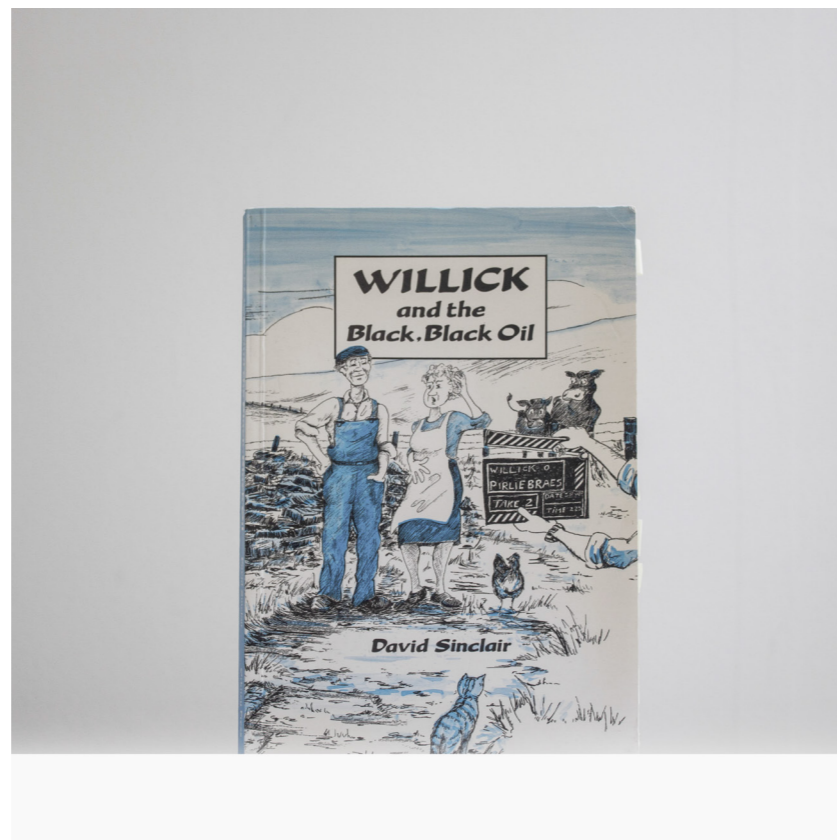
city and territory



edge



remote territory



“In Orkney, they tell stories”



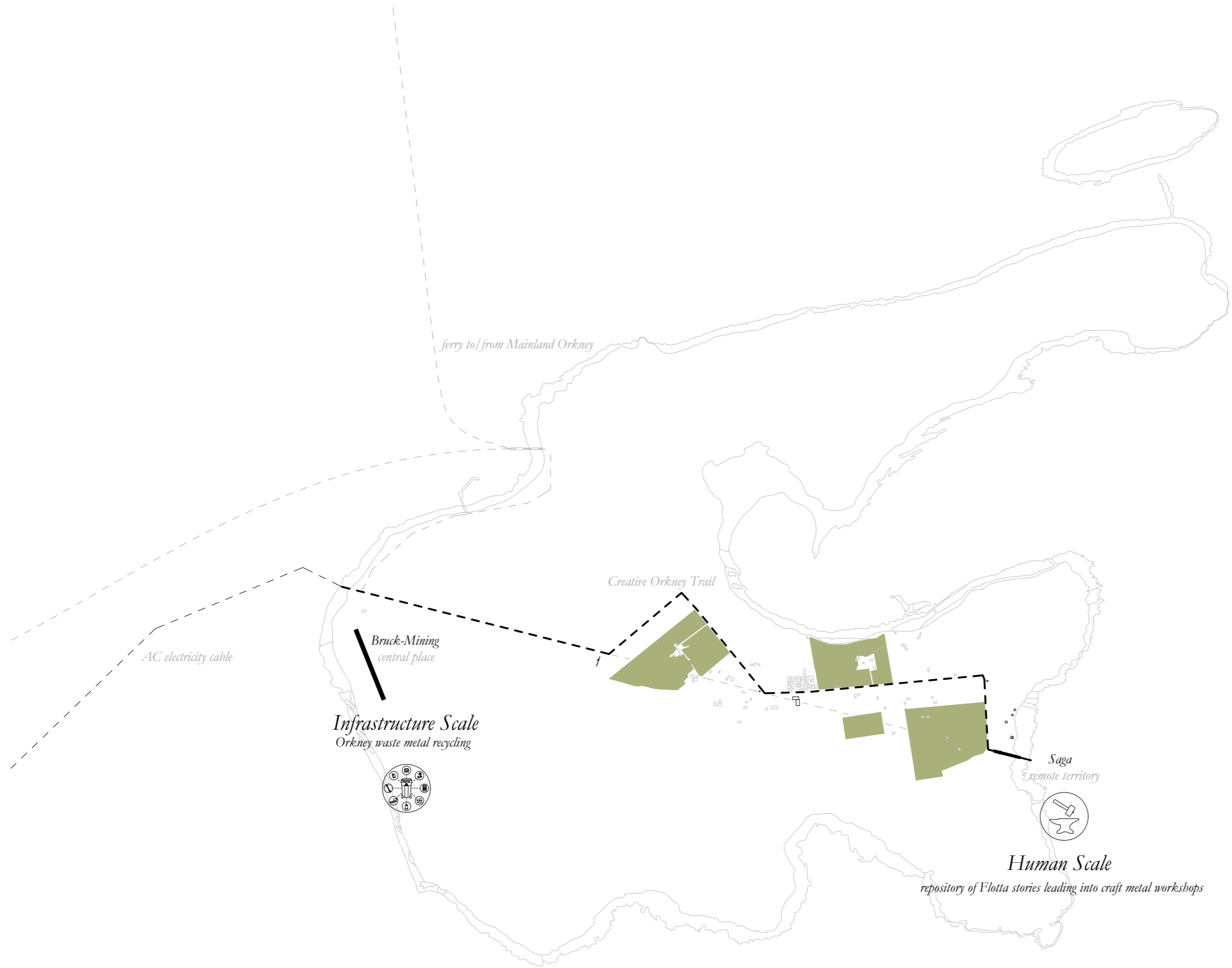
vanishing community



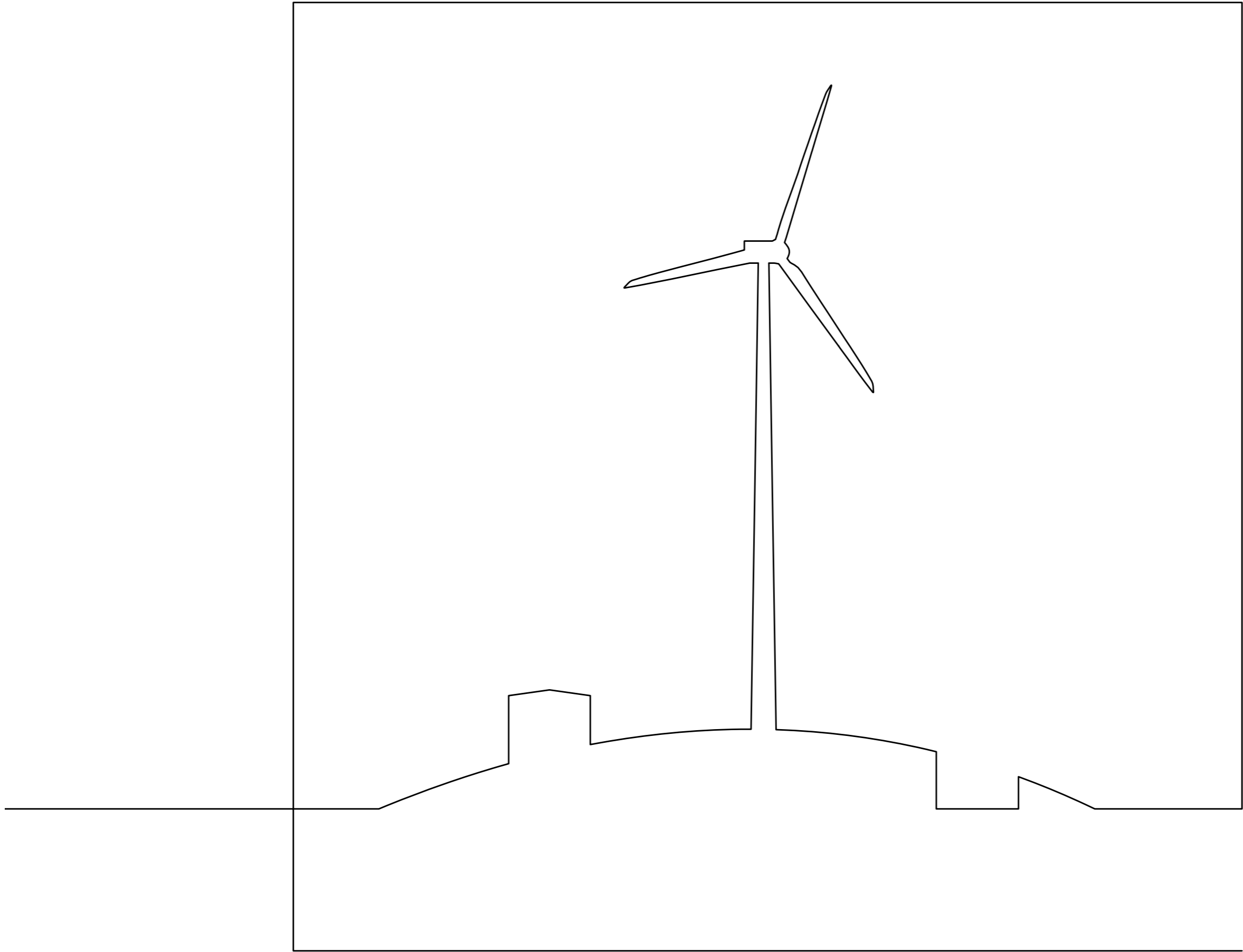
no stranger to strangers



perception



a bruck-mining saga

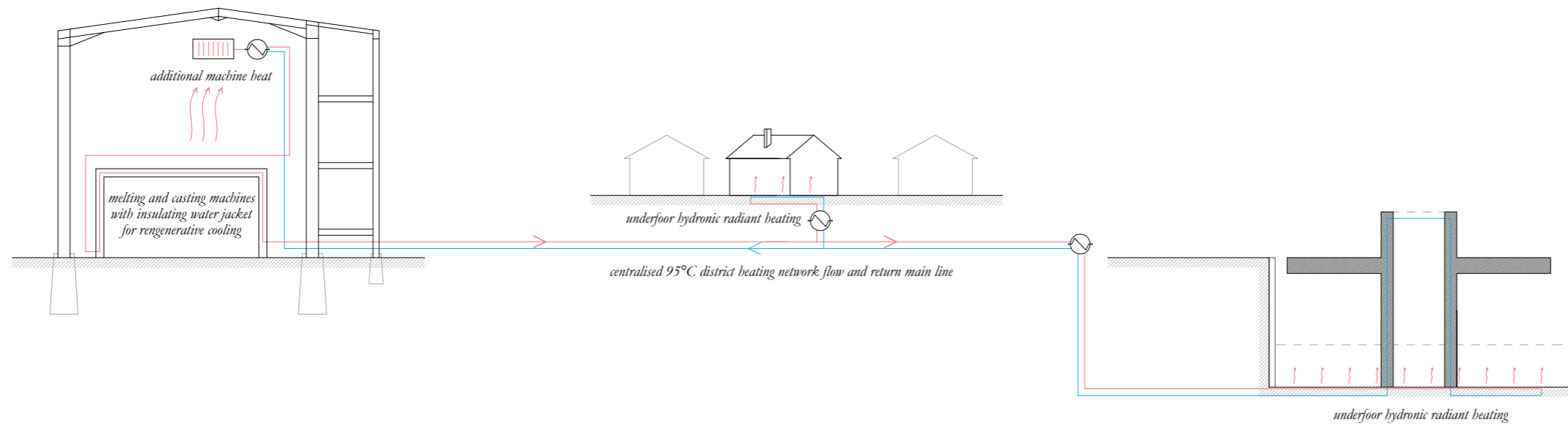


upon | within

centralisation:
proposed infrastructure scale

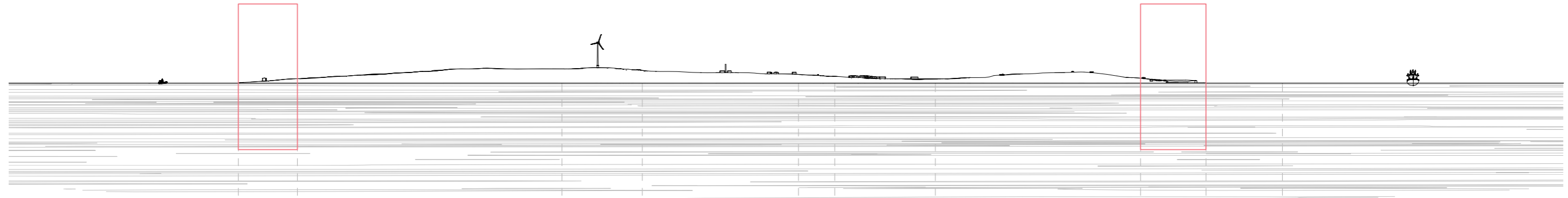
Creative Orkney Trail and district heating network

remoteness:
proposed human scale



bruck-mining

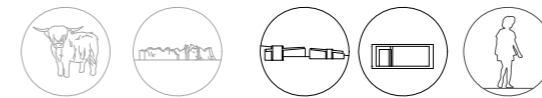
saga



proposed



existing



proposed



juxtaposition



bruck landscape



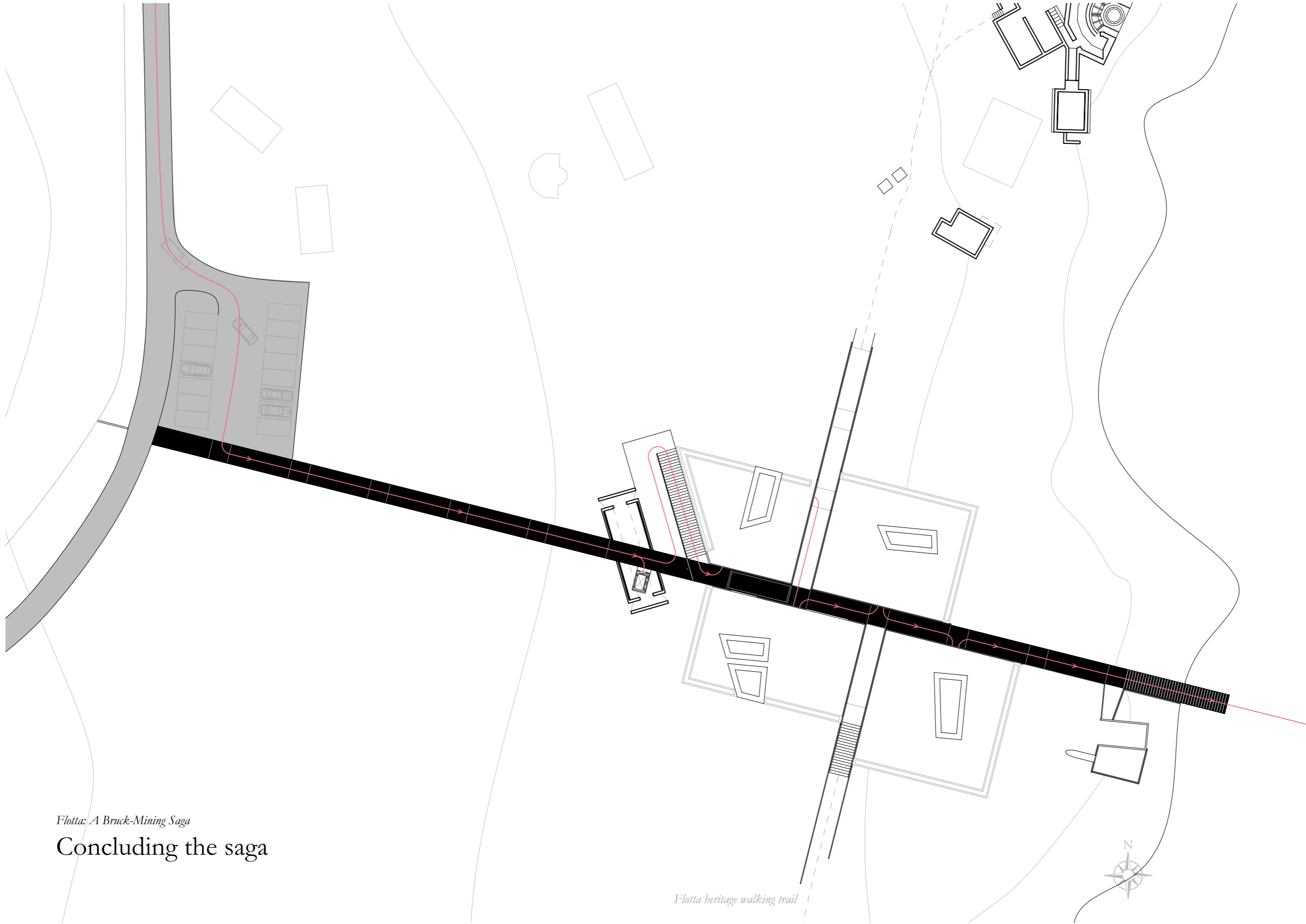
architecture ~~on~~ OF the landscape



cut



saga and stories

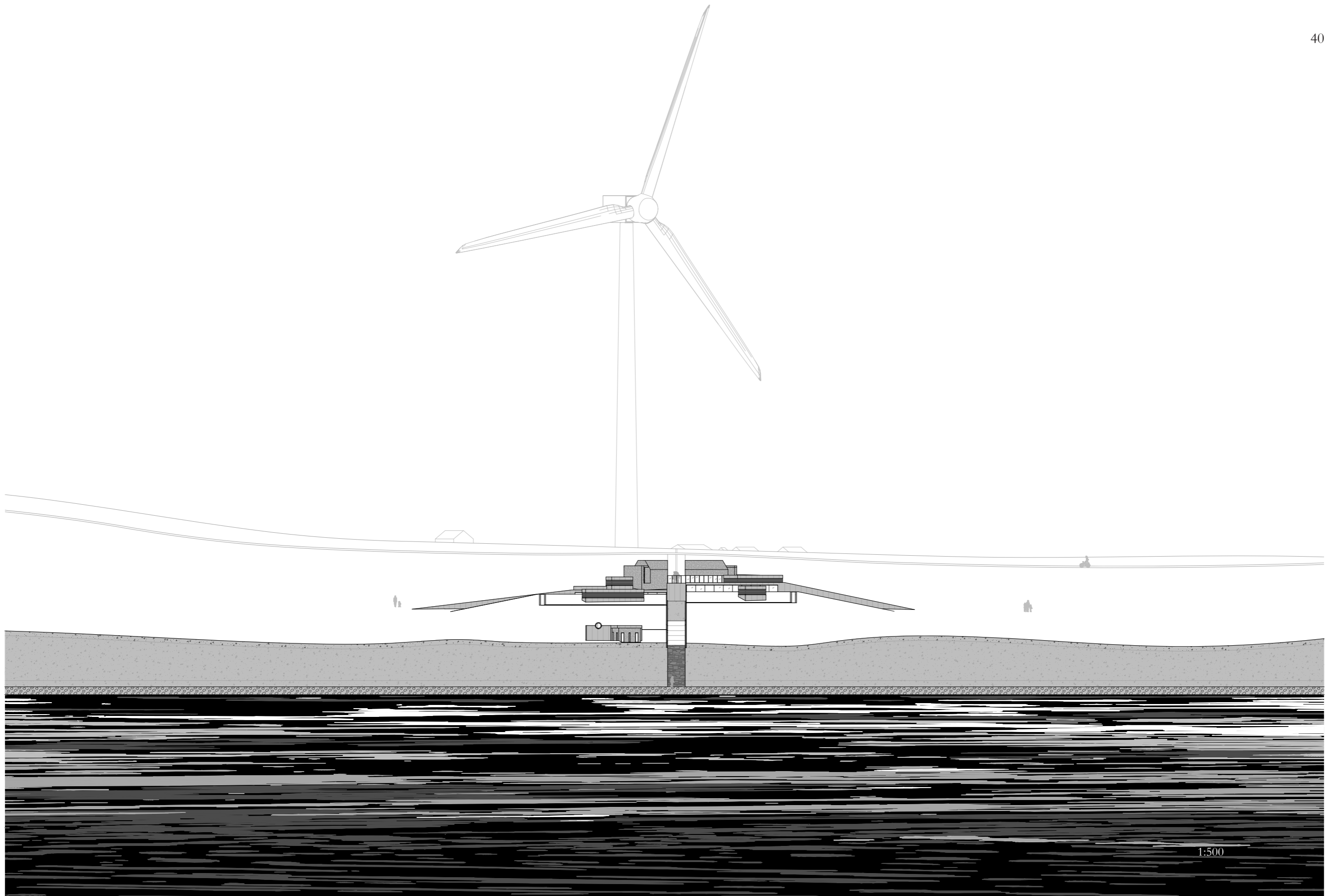


Flotta: A Bruck-Mining Saga
Concluding the saga

Flotta heritage walking trail

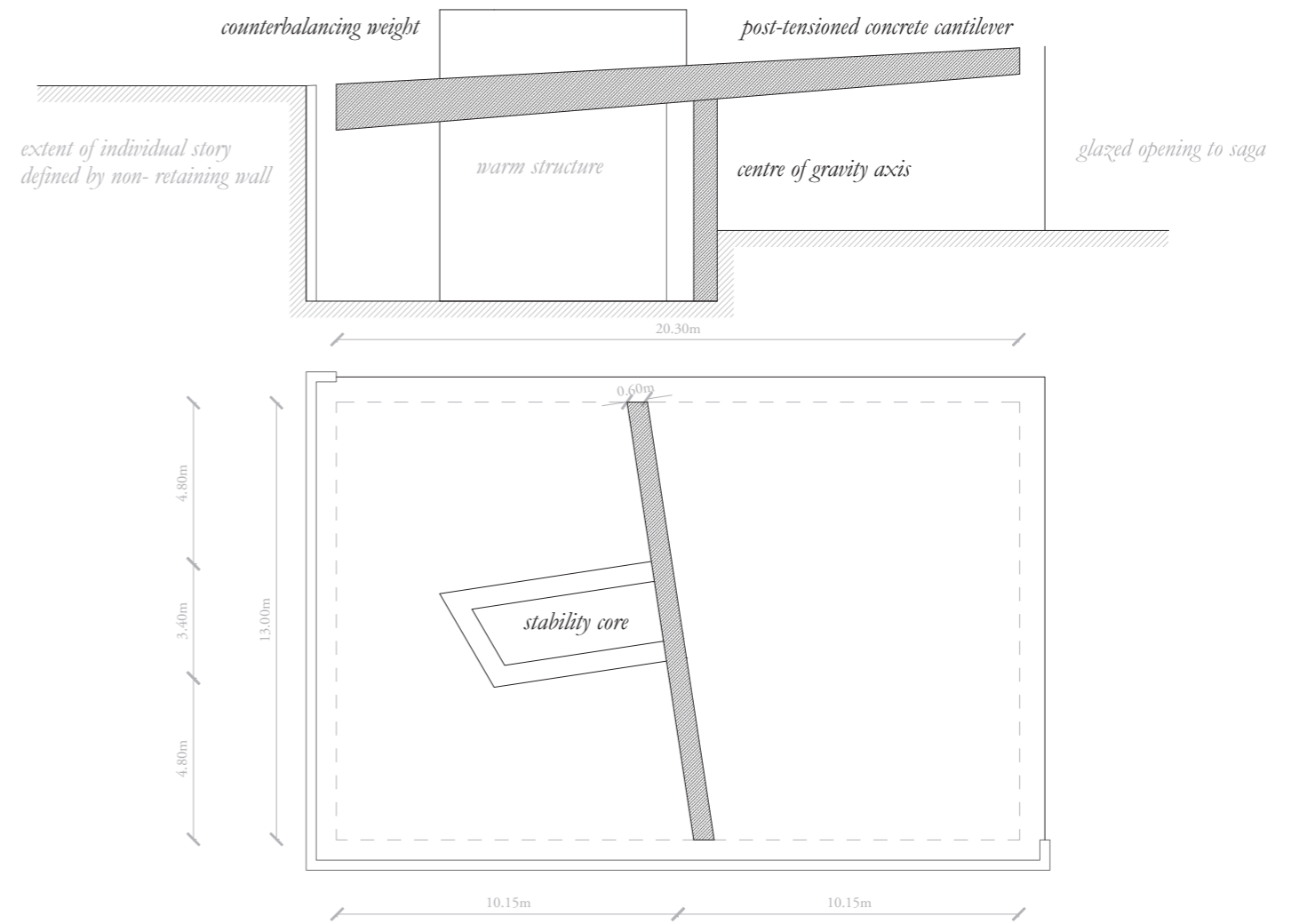
cut

1:500 @ A3



1:500

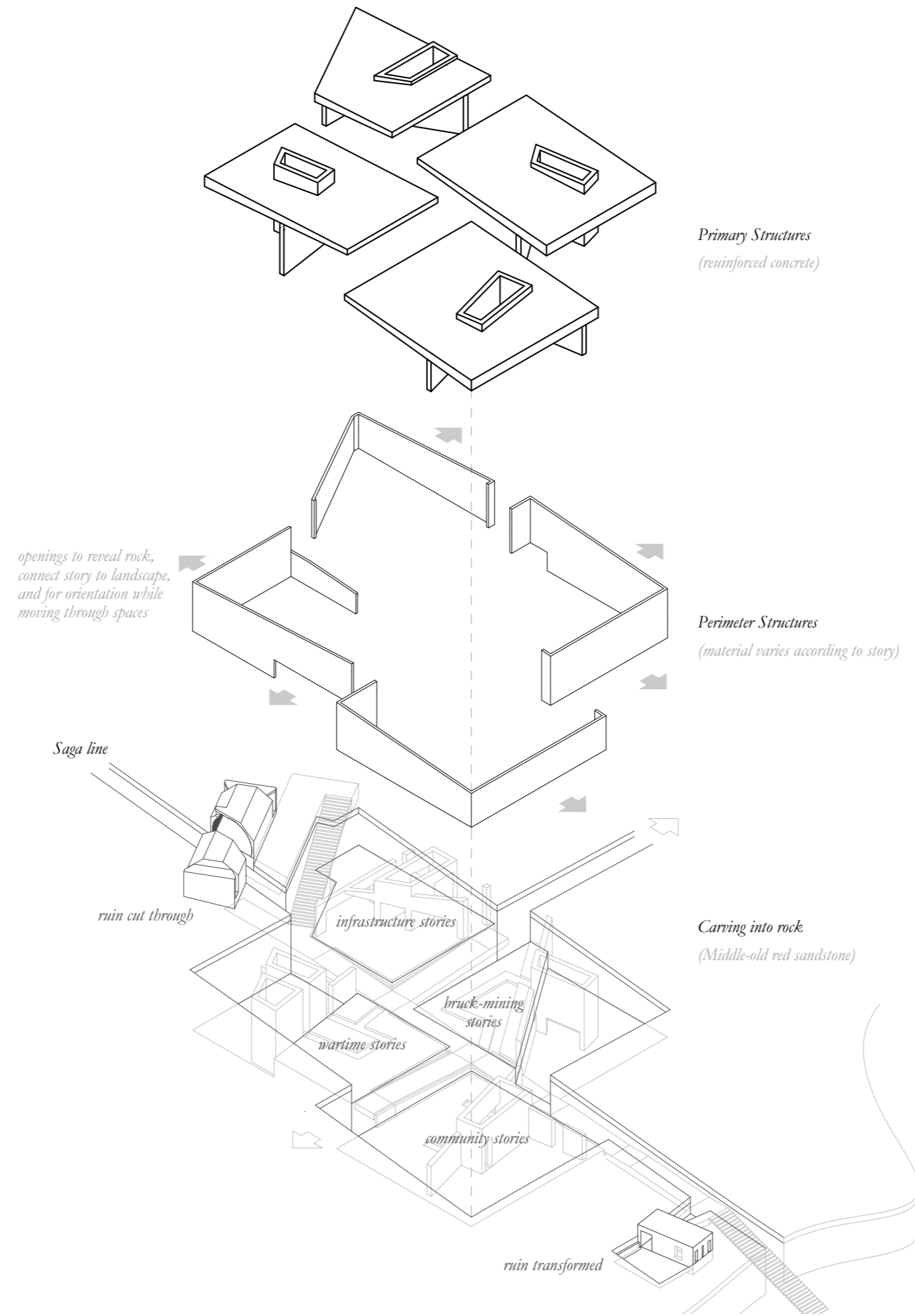
cut



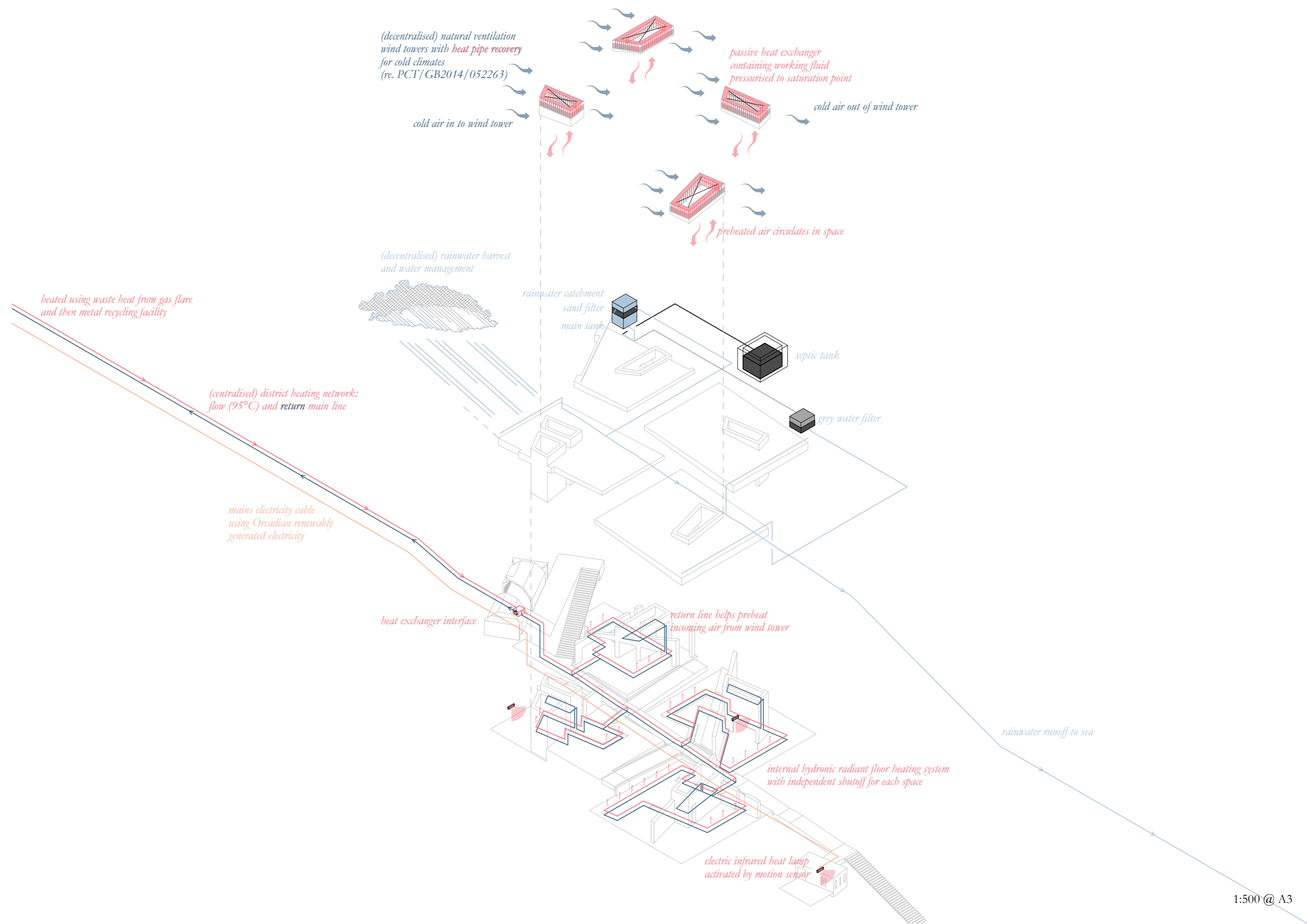
stereotomic



anthropocene?



structural hierarchies



1:500 @ A3

climate concept | de(ce)ntrealisation

morning

midday

evening

earlier
0500



1100



1700



0630



1230



1830



0800



1400



2000



later
0930



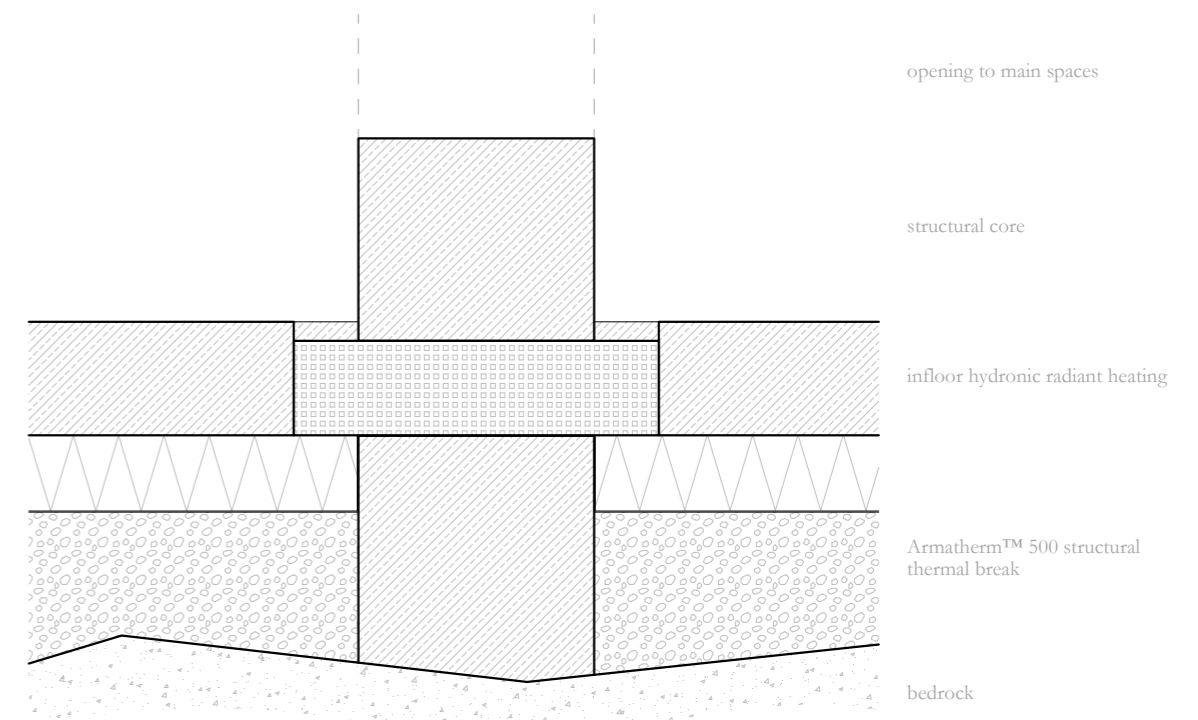
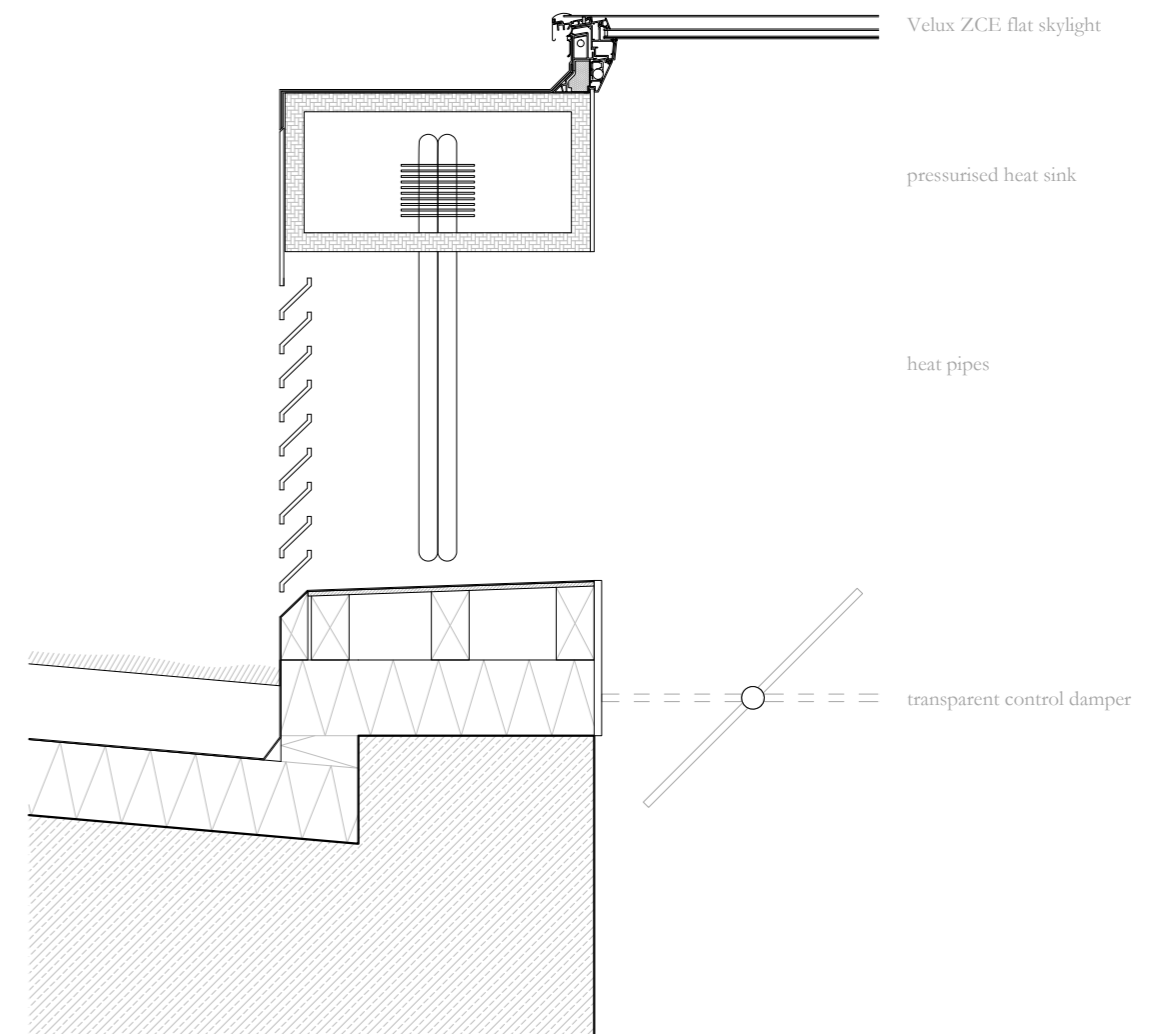
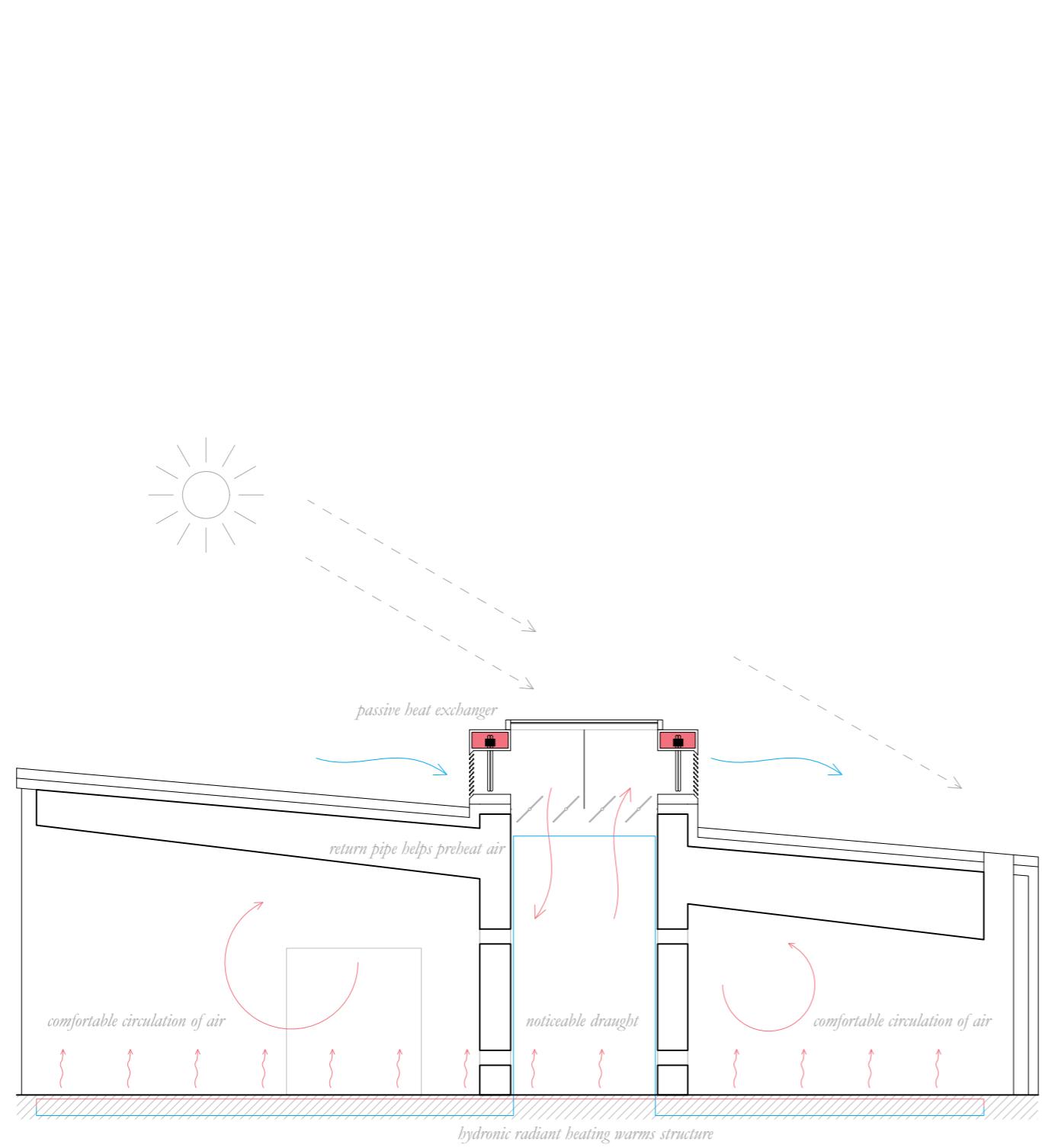
1530

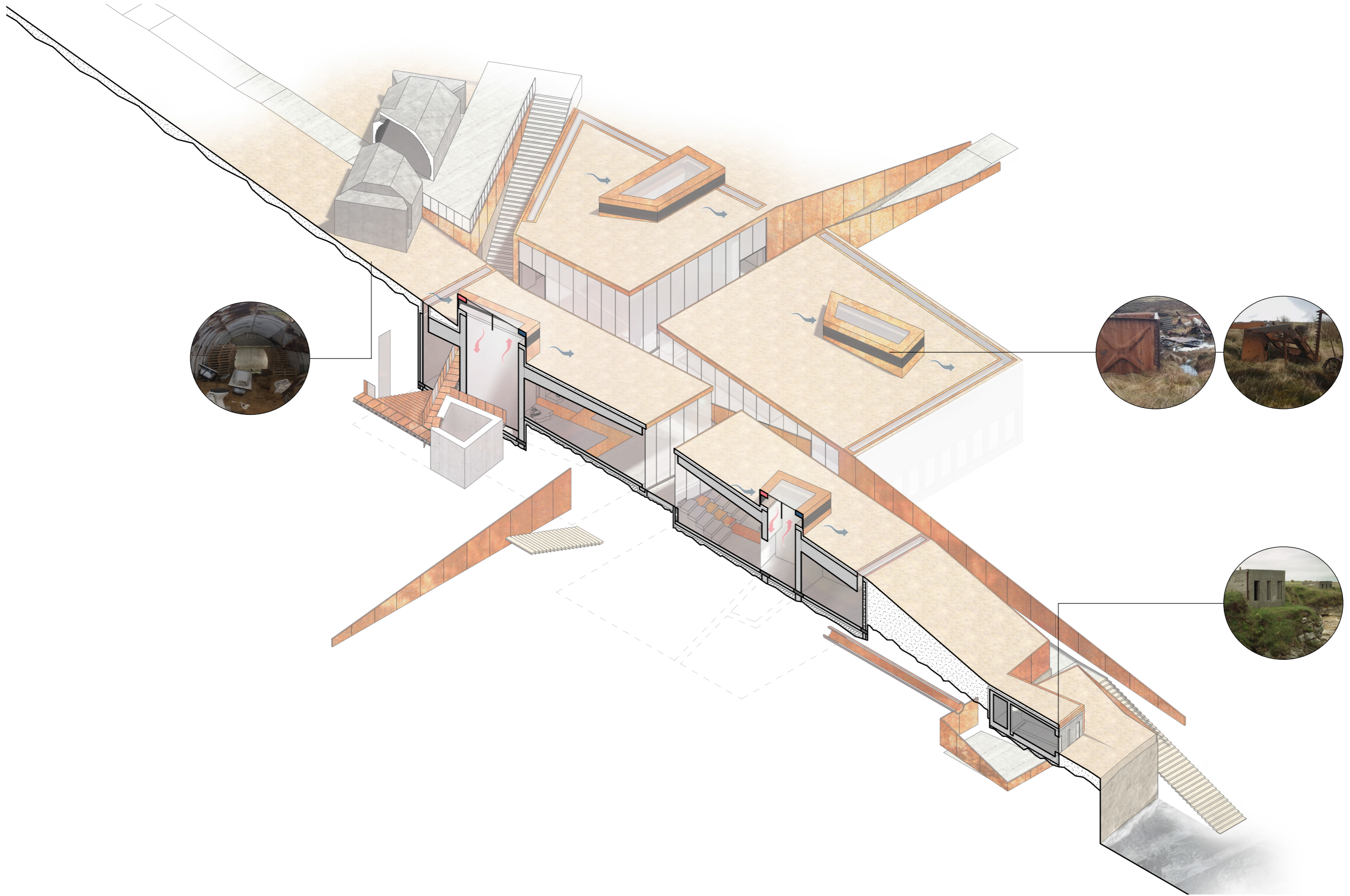


2130



natural light





bruck architecture



"infrastructure" stories
(services)

"new present" stories
(bruck-mining)

"past" stories
(Flotta in the wars)

"future" stories
(community arts/education/exhibition)

Flotta: A Bruck-Mining Saga

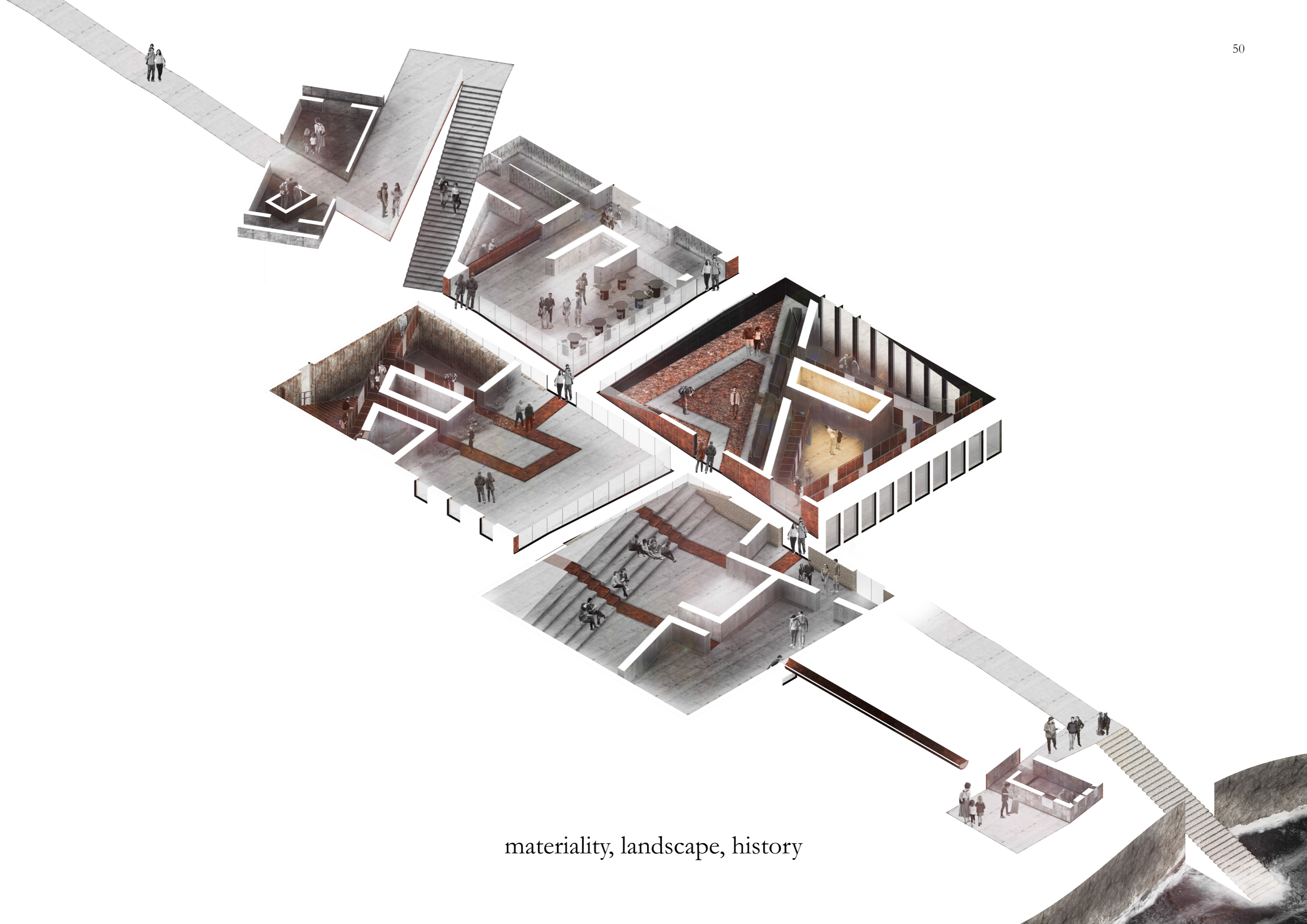
Saga and stories of an islandscape



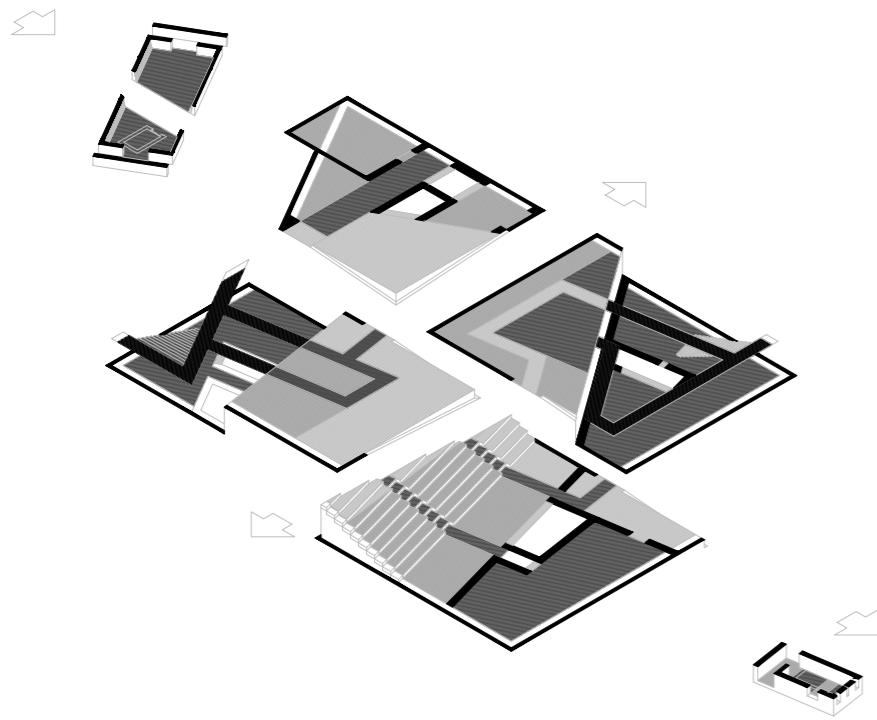
1:200 @ A3



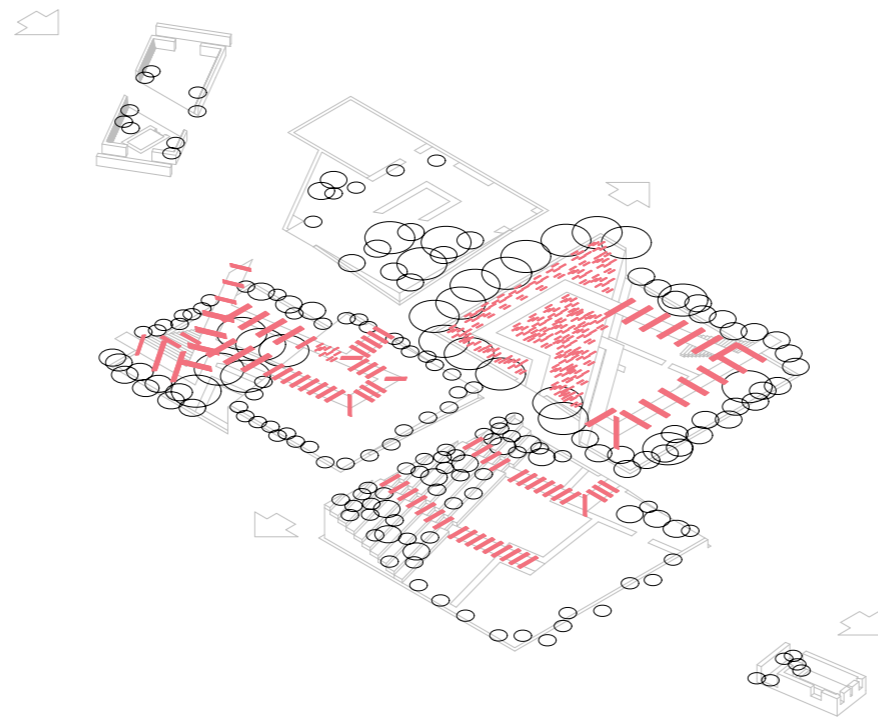
materiality, landscape, history



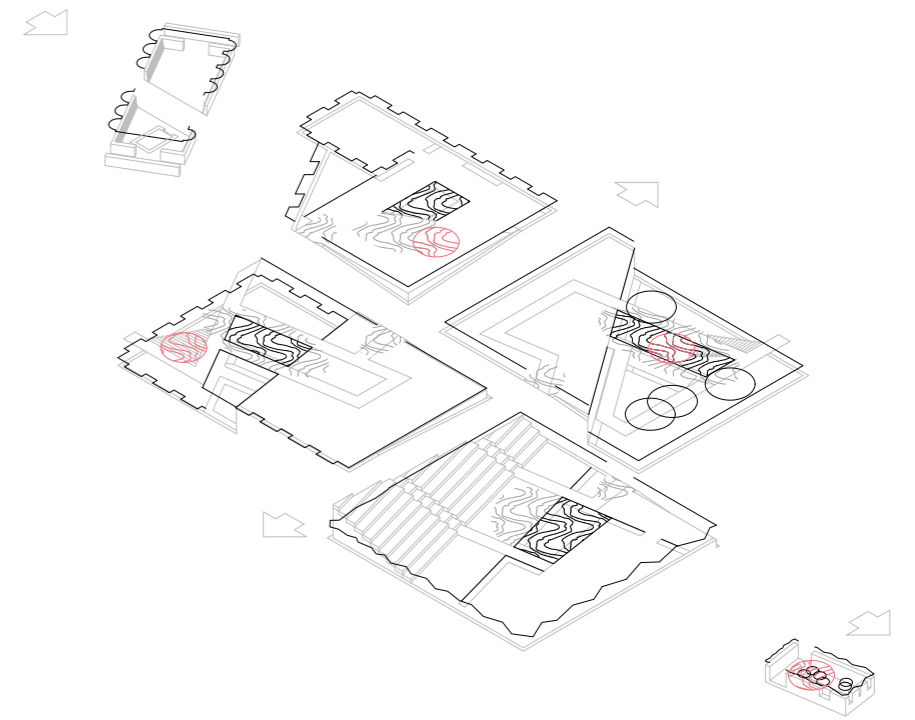
materiality, landscape, history



light



sound



feel

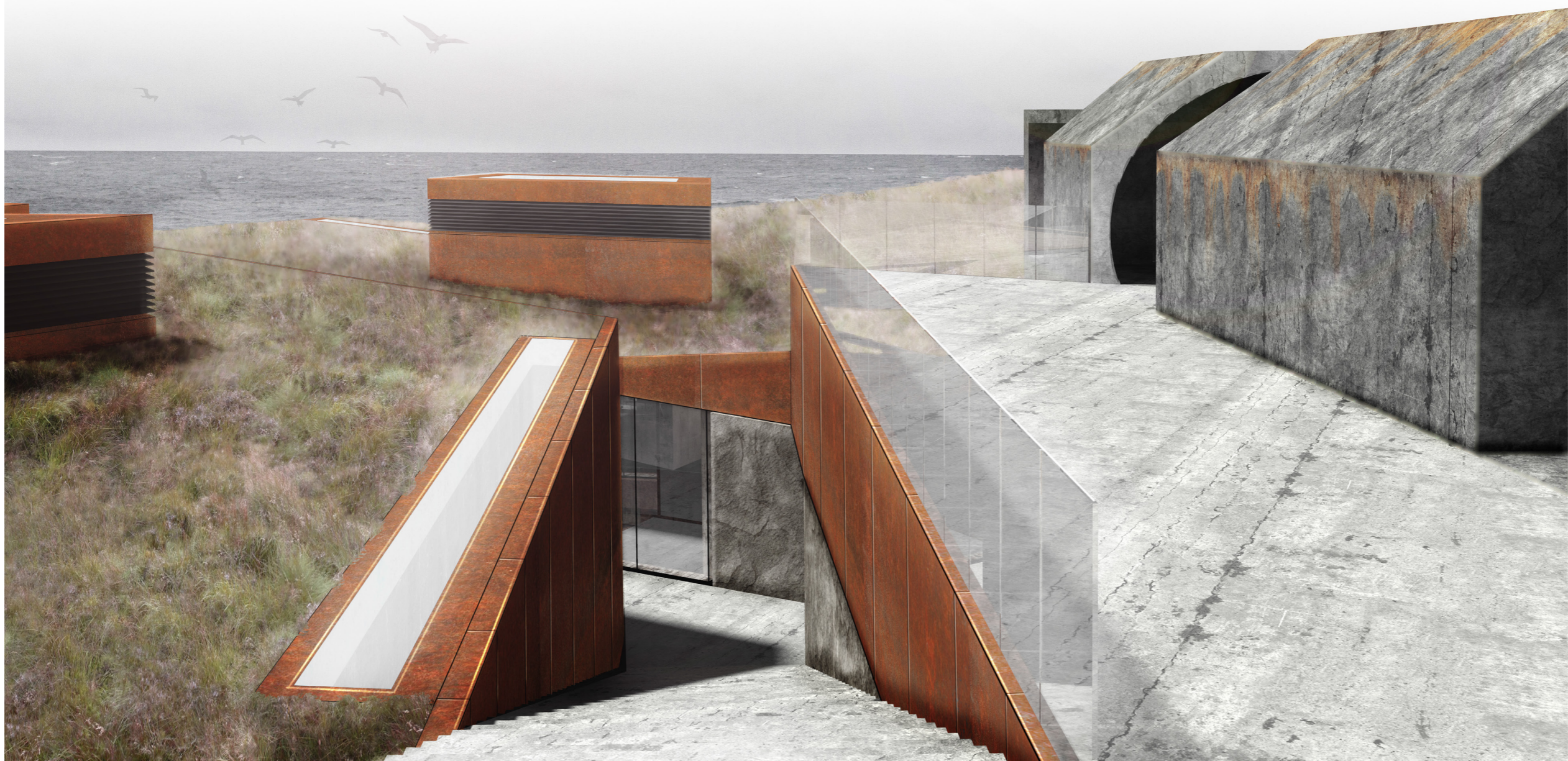
sensing the territory



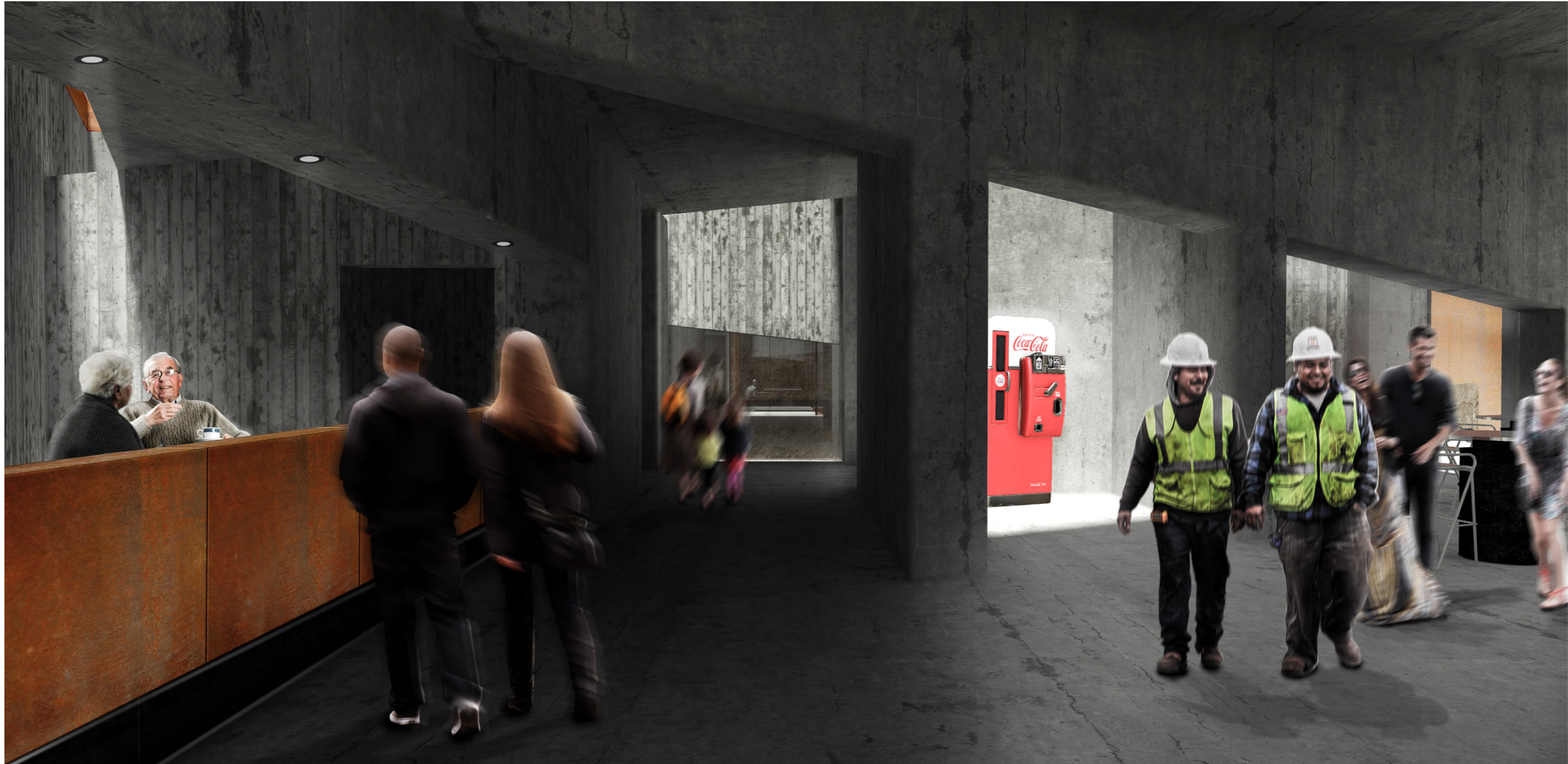
mystique



run!



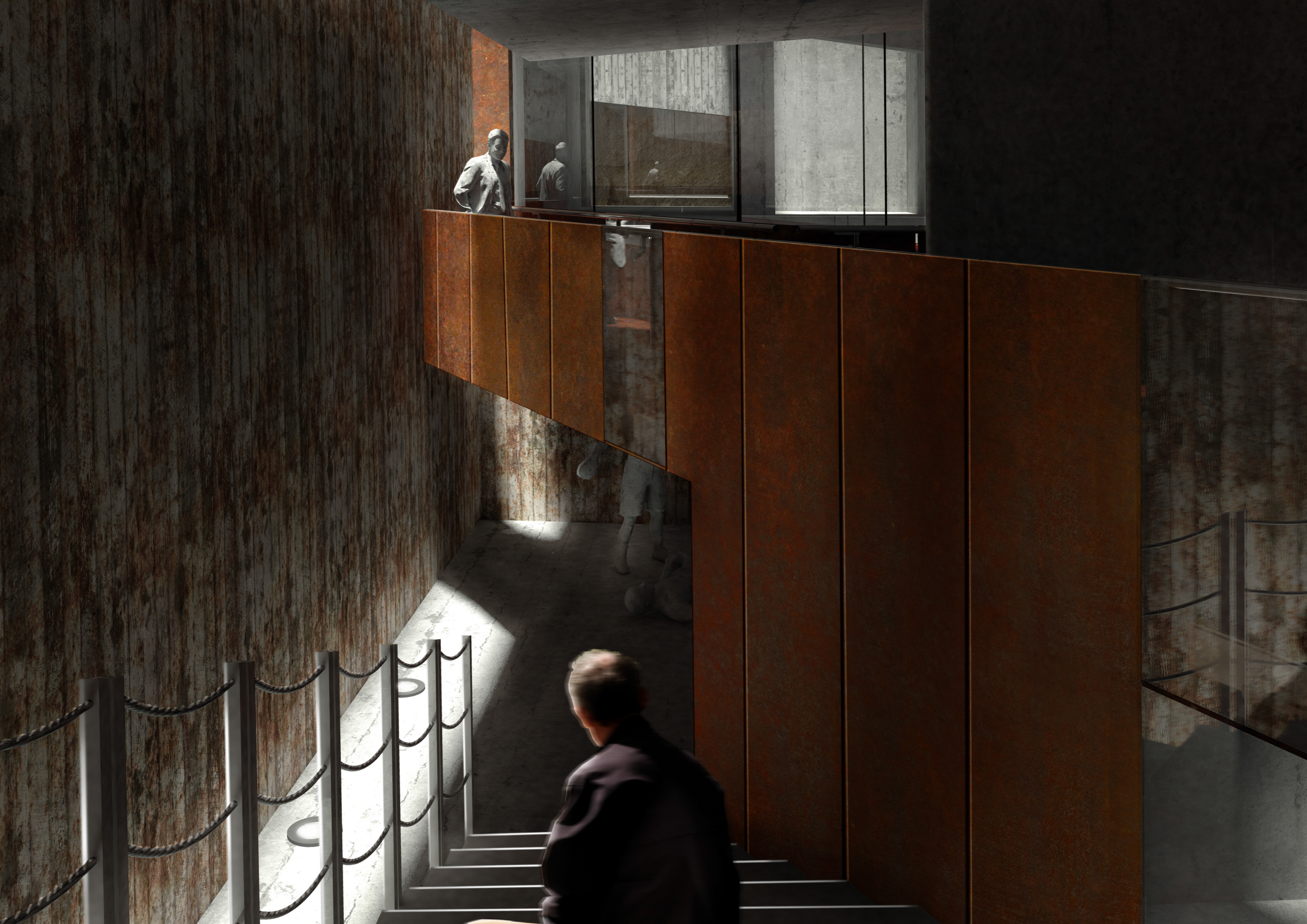
indirect descent

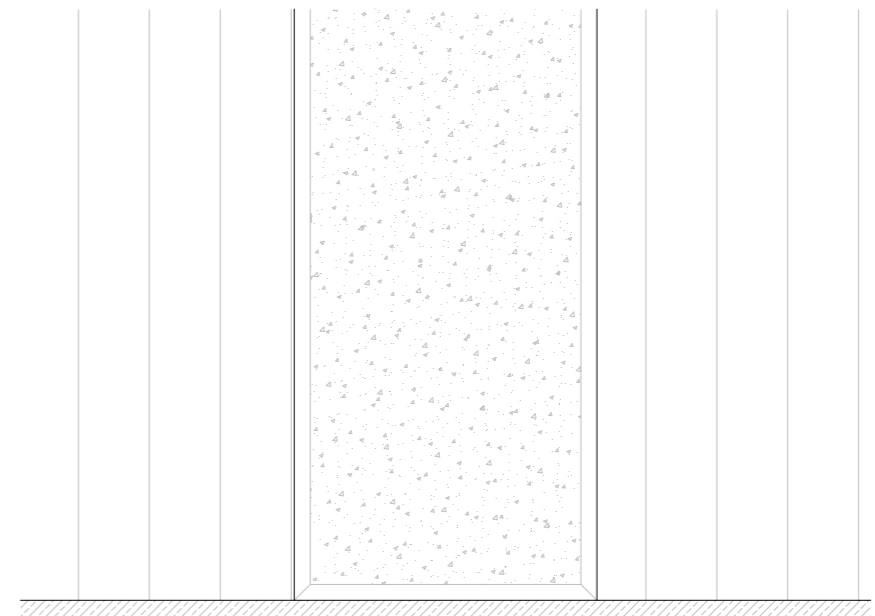
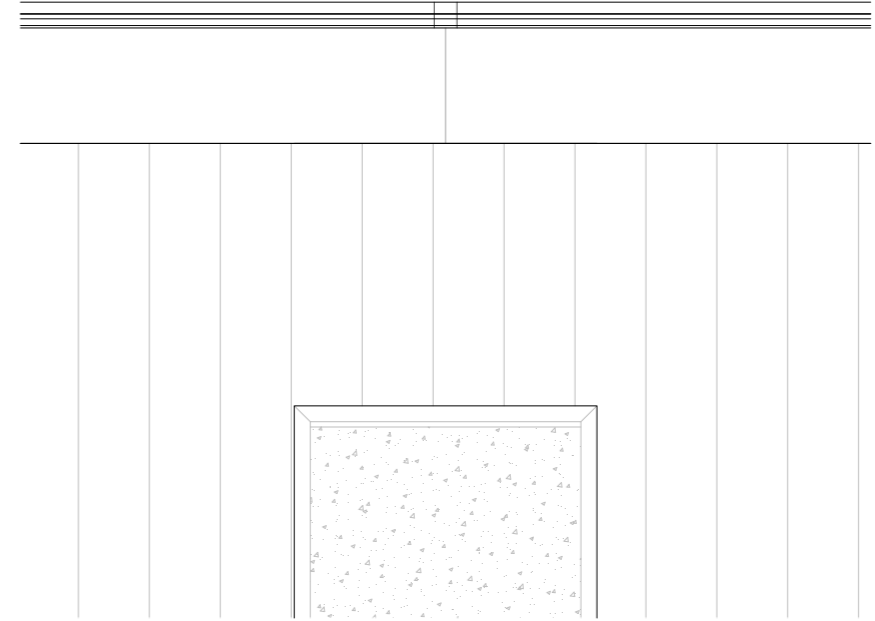
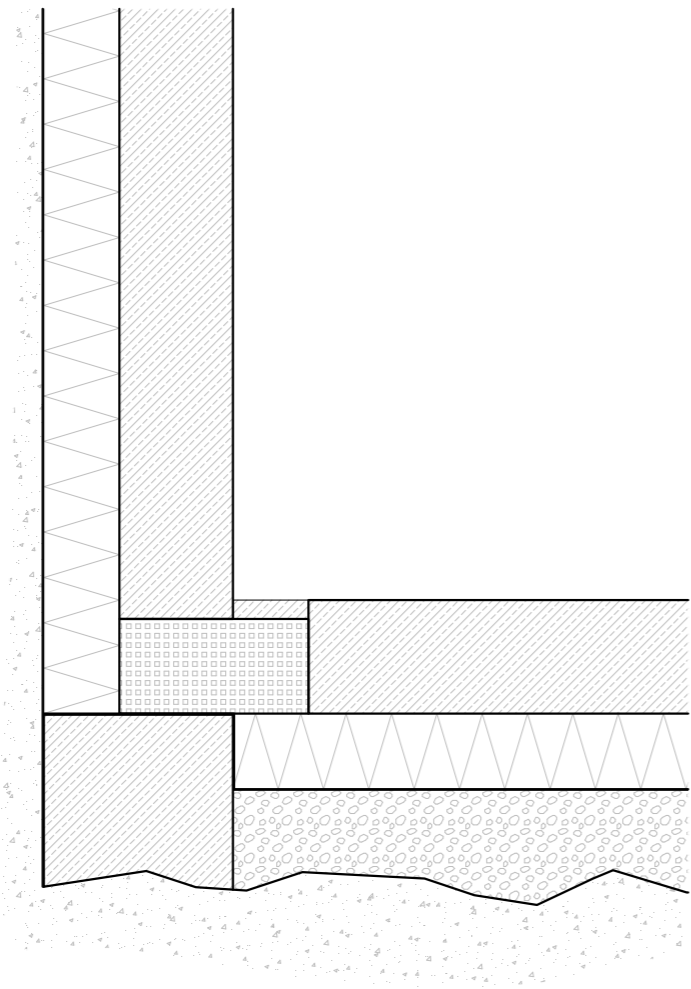
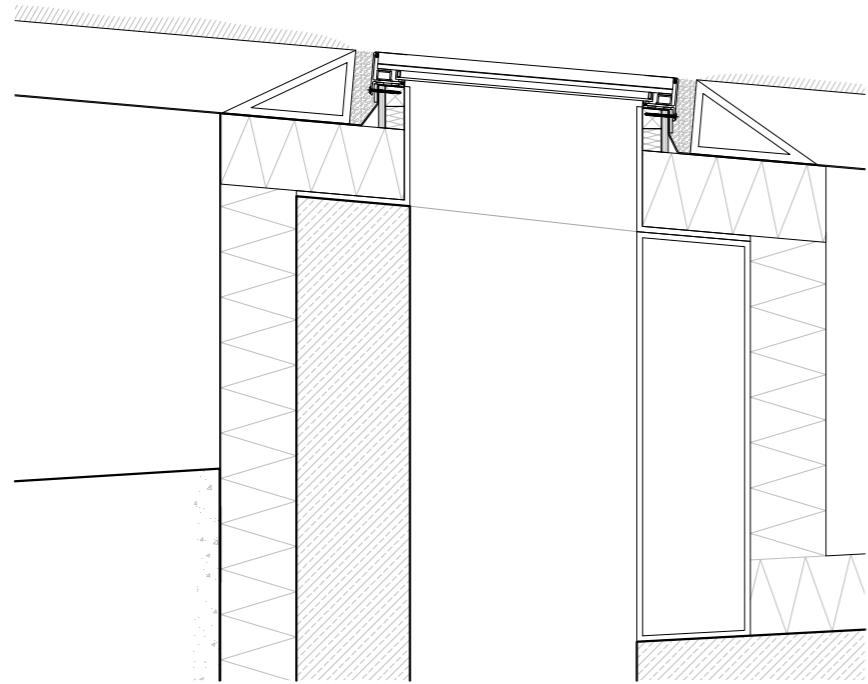


community



fixed stories



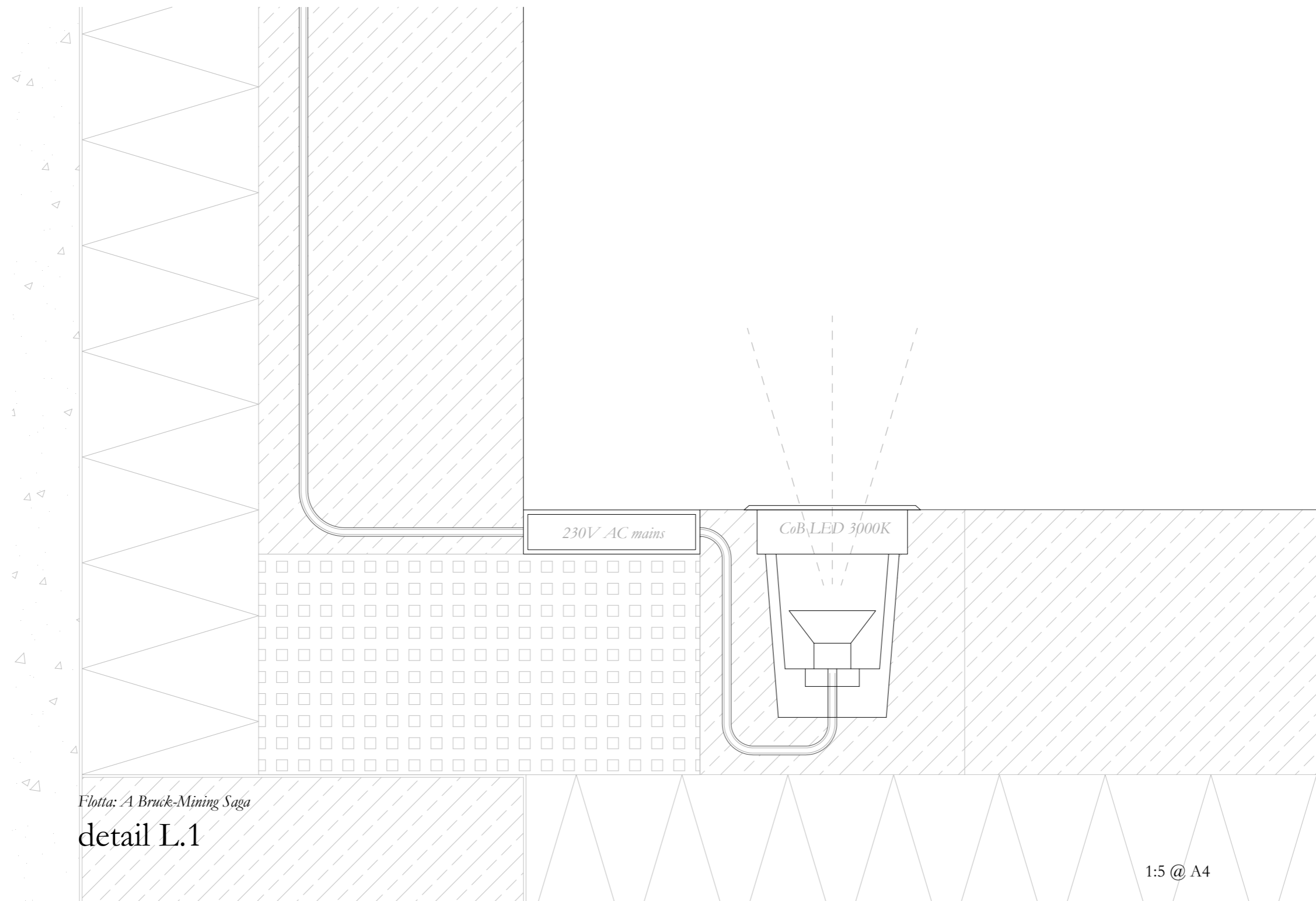




ephemeral stories

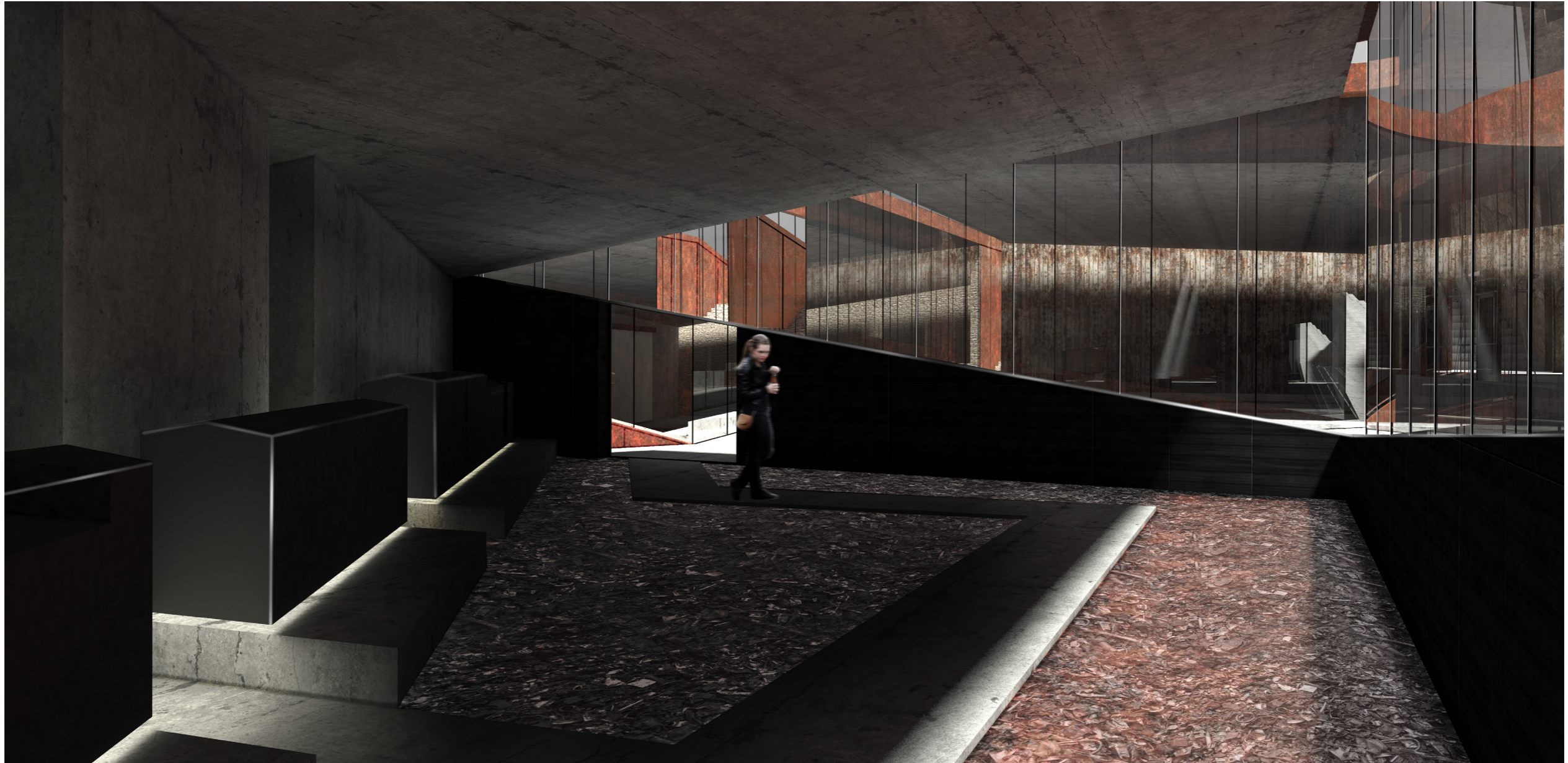


chiaroscuro



monumental lighting





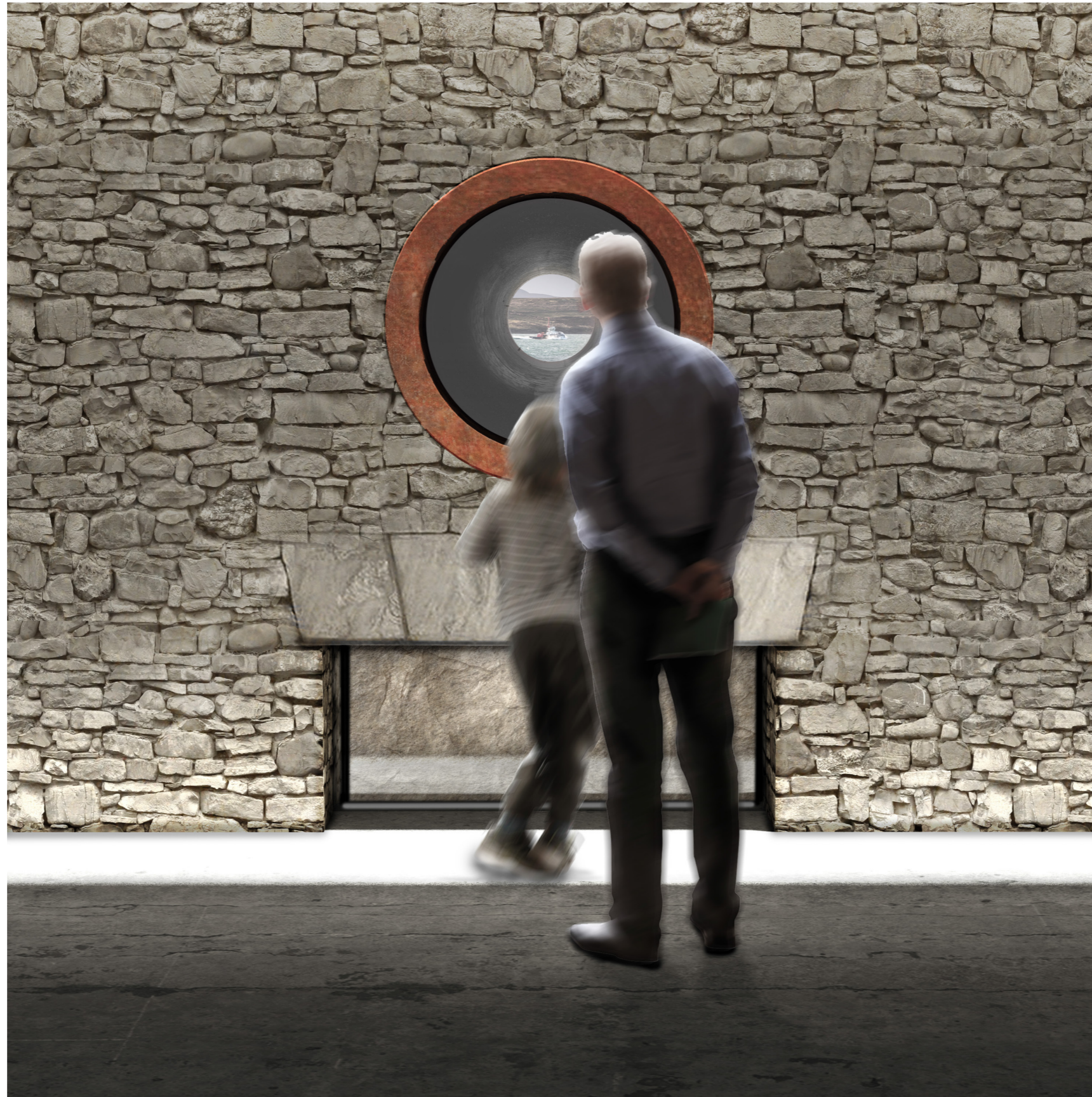
bruck stories



recorded stories



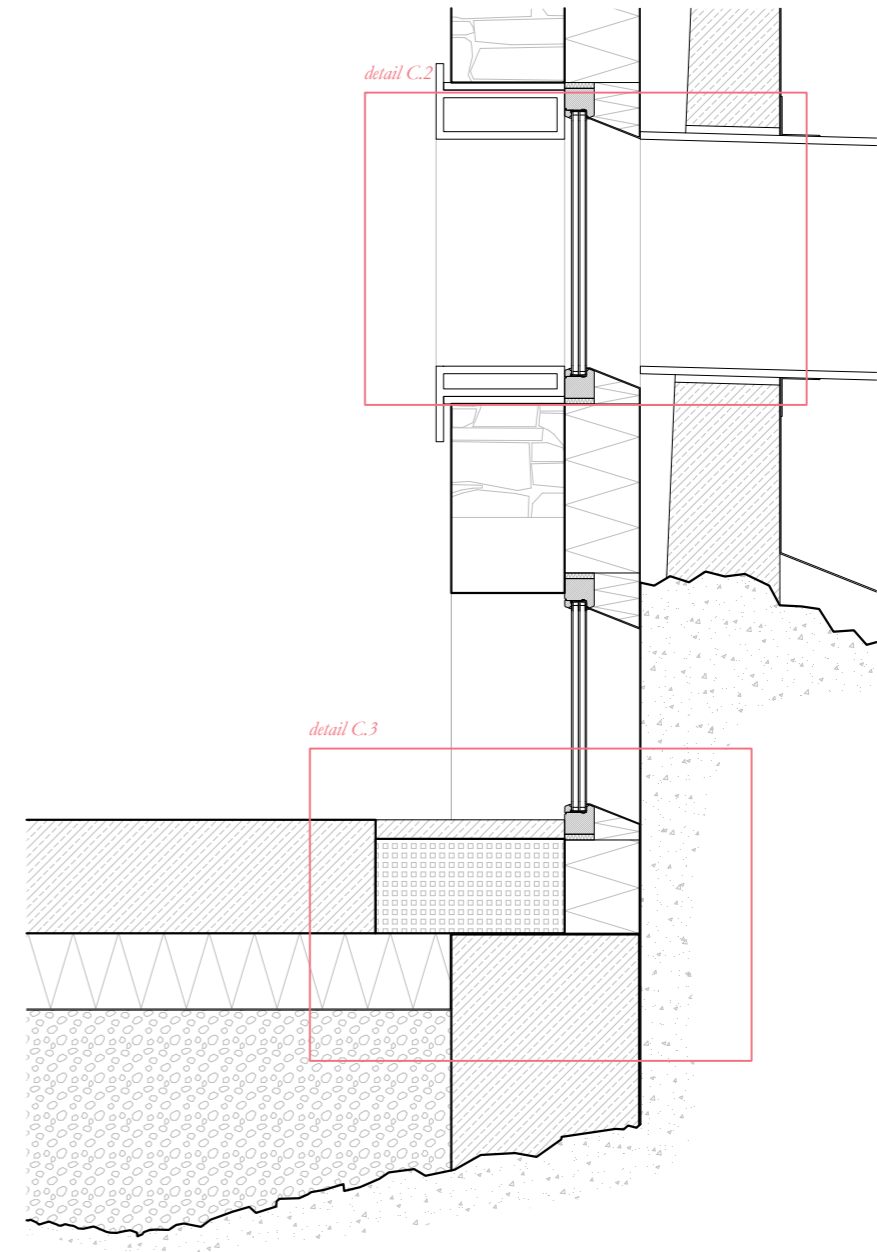
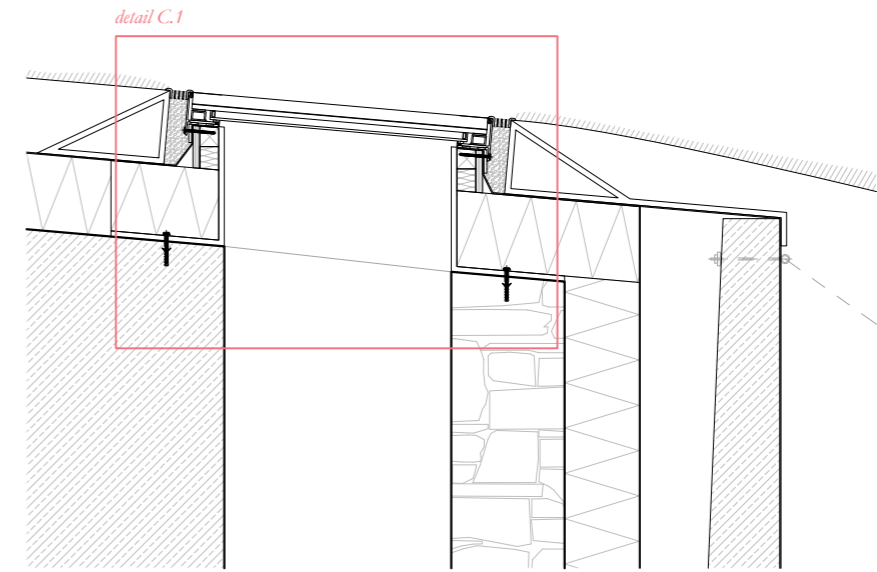
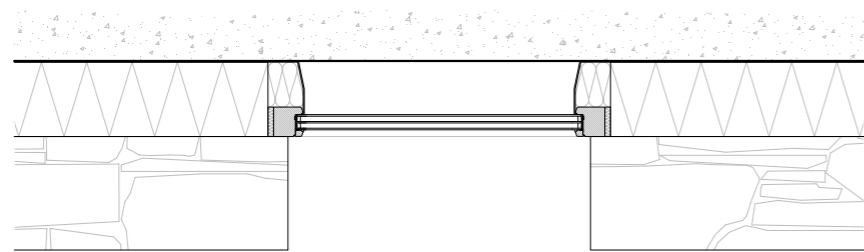
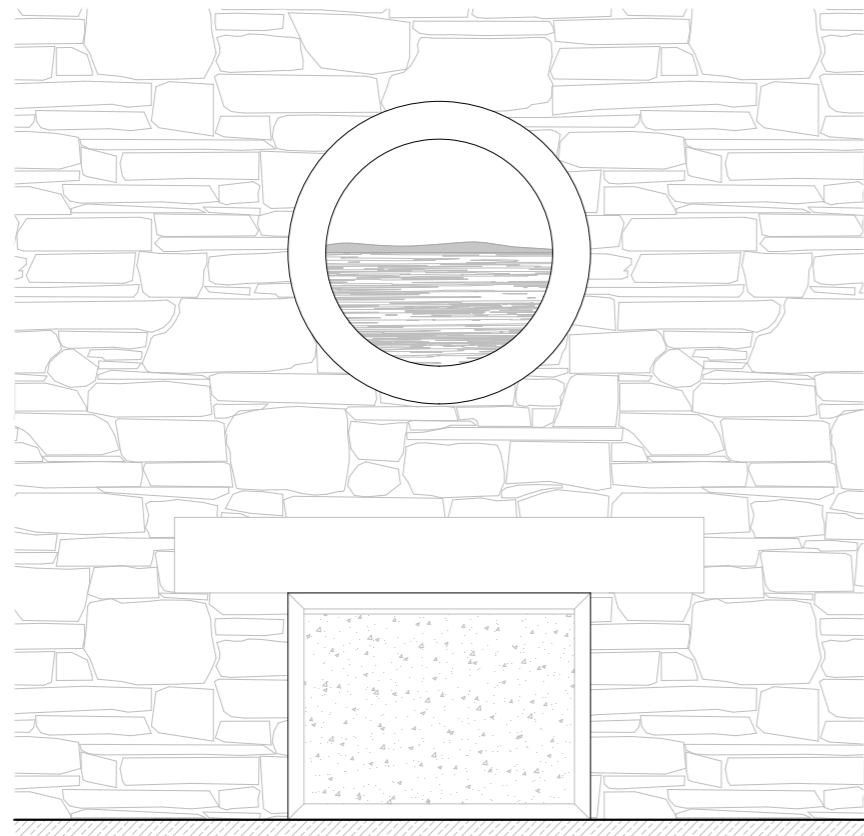
stories for sale



seeing stories like an electron

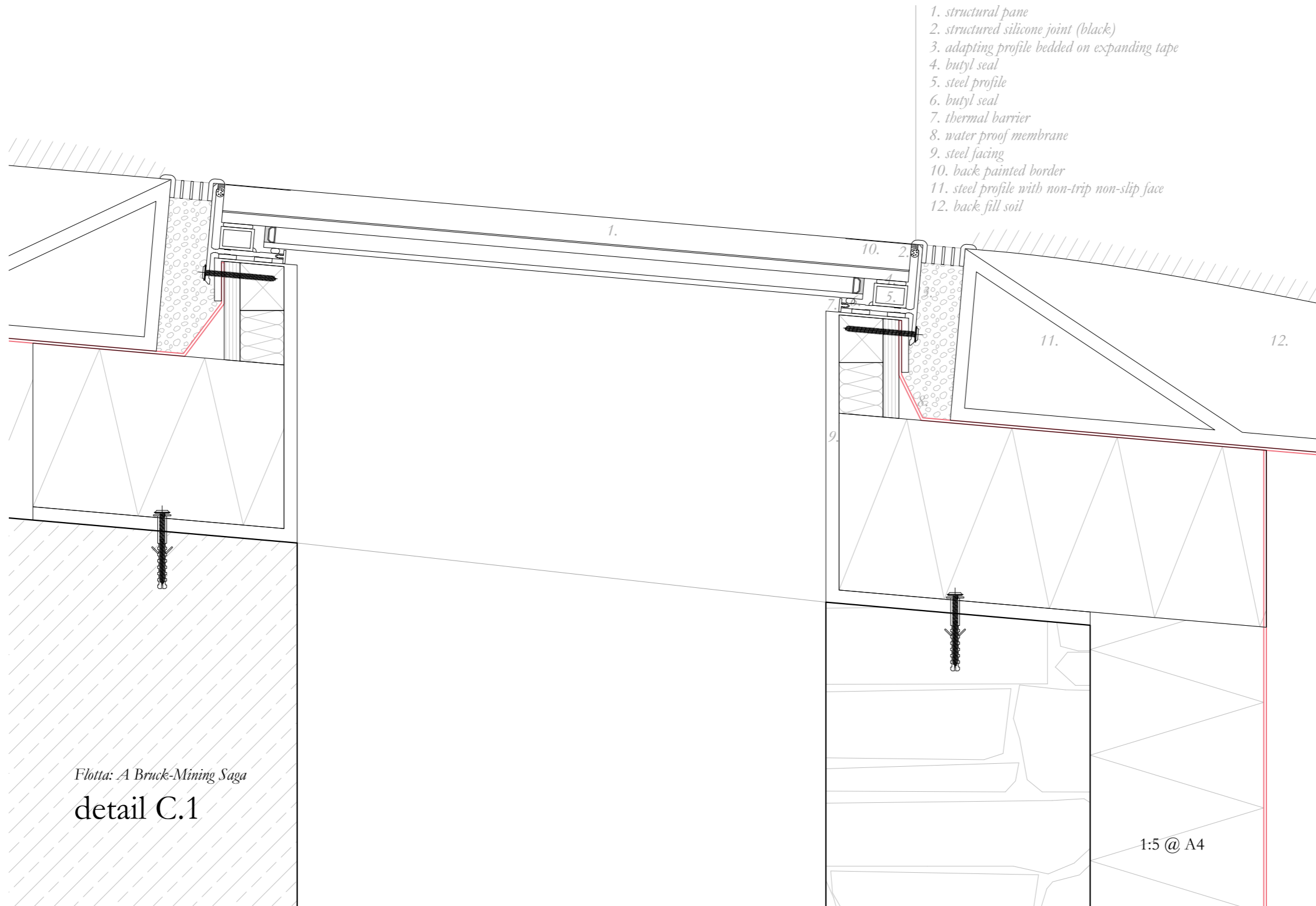


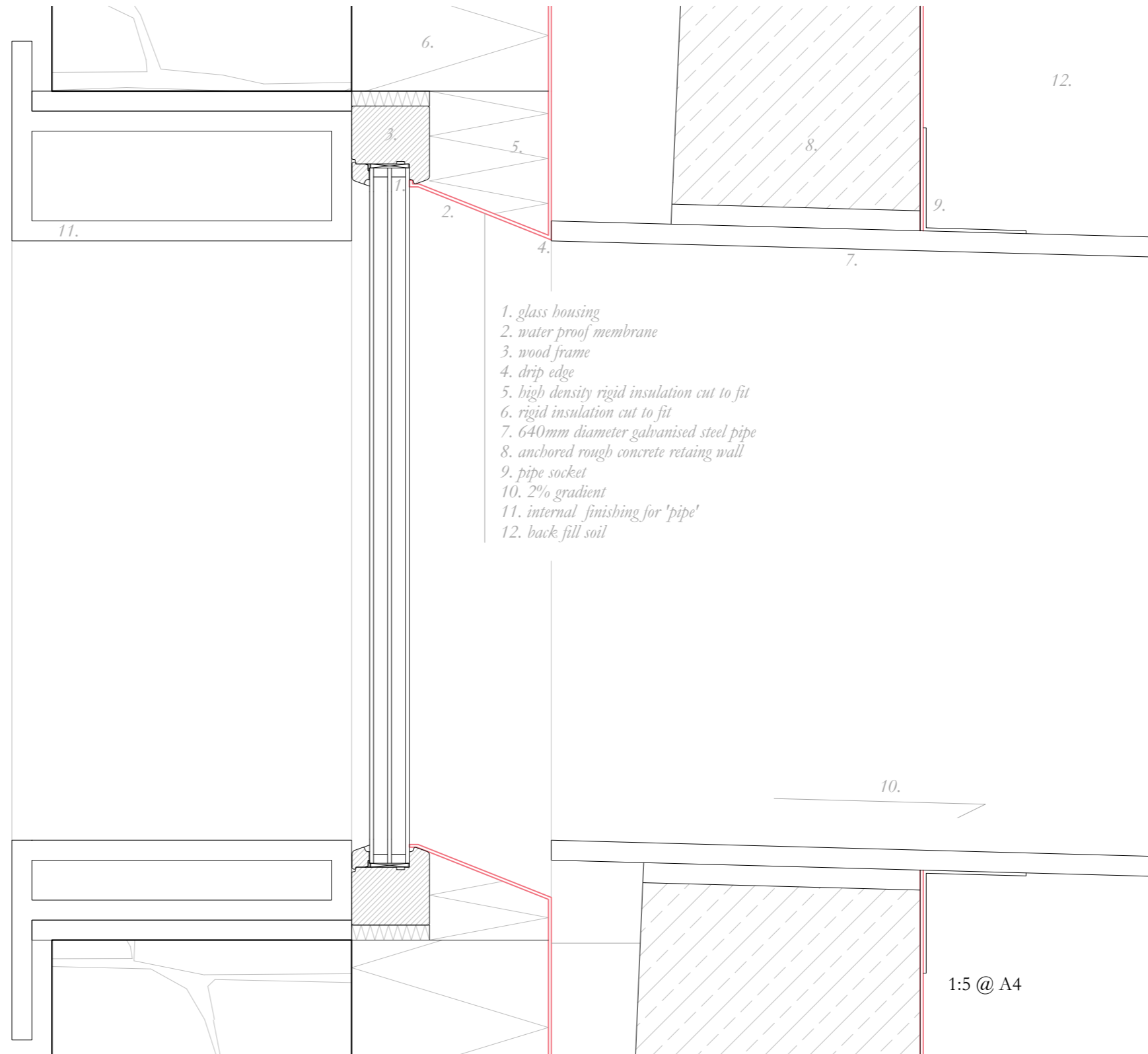
seeing stories like an electron



Flotta: A Bruck-Mining Saga
 Facade C.1 | community stories

Flotta: A Bruck-Mining Saga
 Facade C.1.5 | community stories

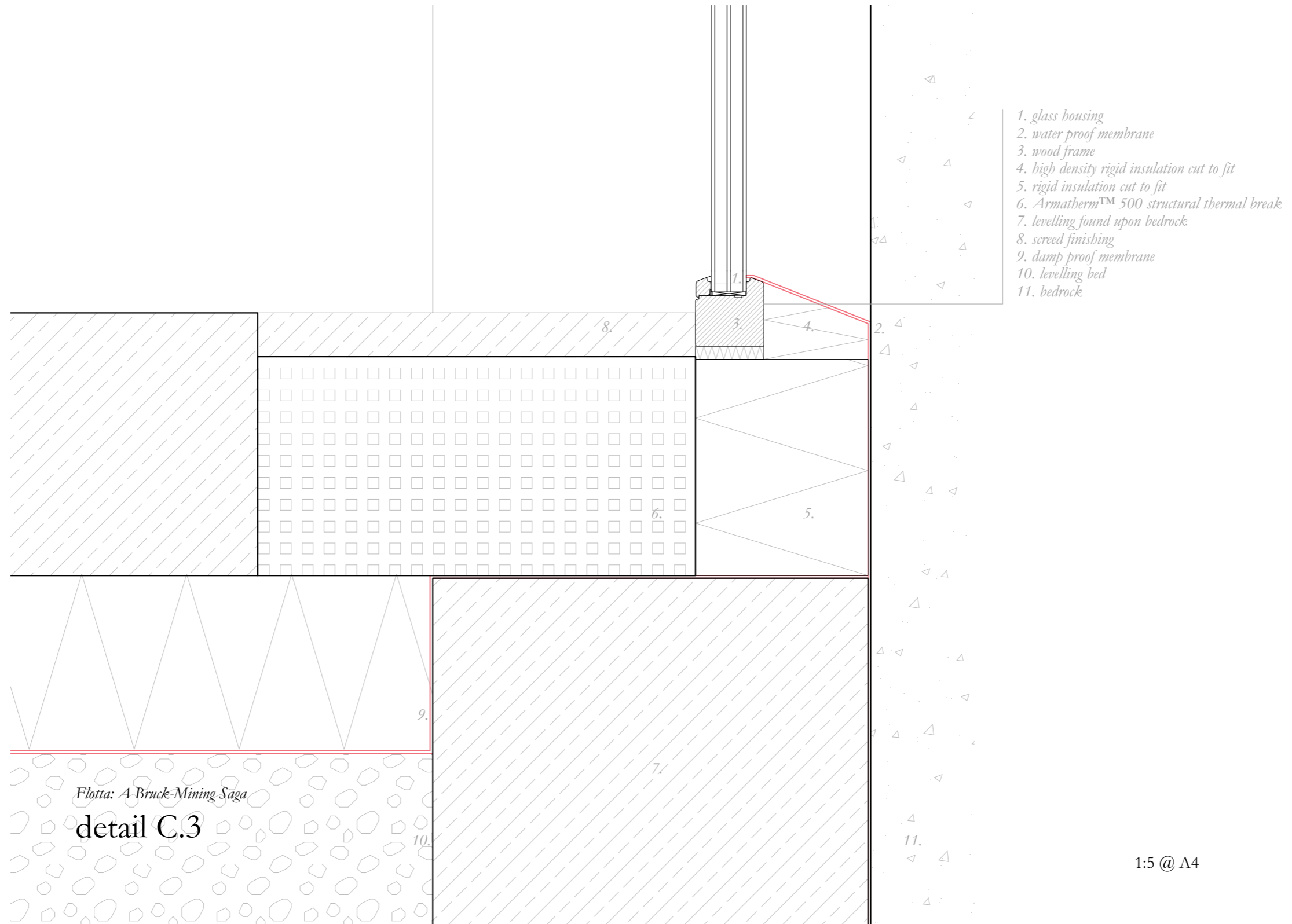




- 1. glass bousing
- 2. water proof membrane
- 3. wood frame
- 4. drip edge
- 5. high density rigid insulation cut to fit
- 6. rigid insulation cut to fit
- 7. 640mm diameter galvanised steel pipe
- 8. anchored rough concrete retaining wall
- 9. pipe socket
- 10. 2% gradient
- 11. internal finishing for 'pipe'
- 12. back fill soil

Flotta: A Bruck-Mining Saga
detail C.2

1:5 @ A4



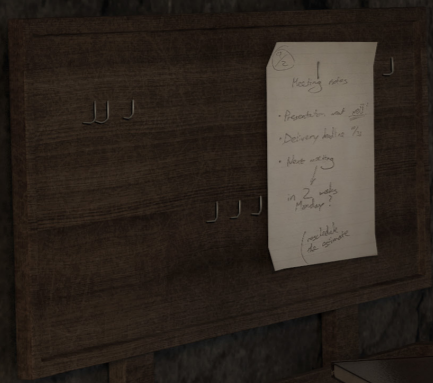
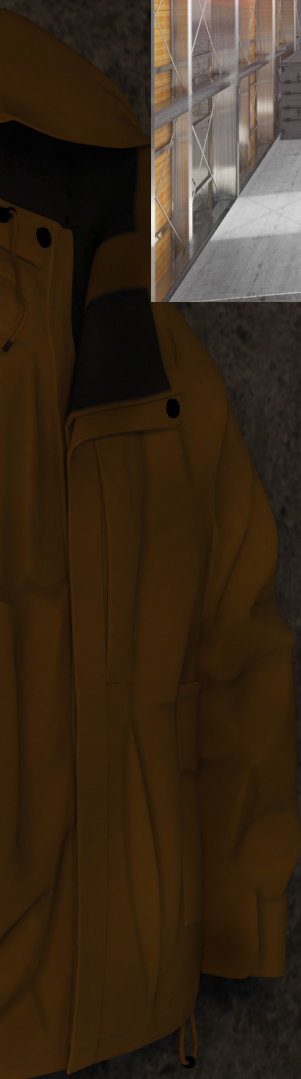


the end?



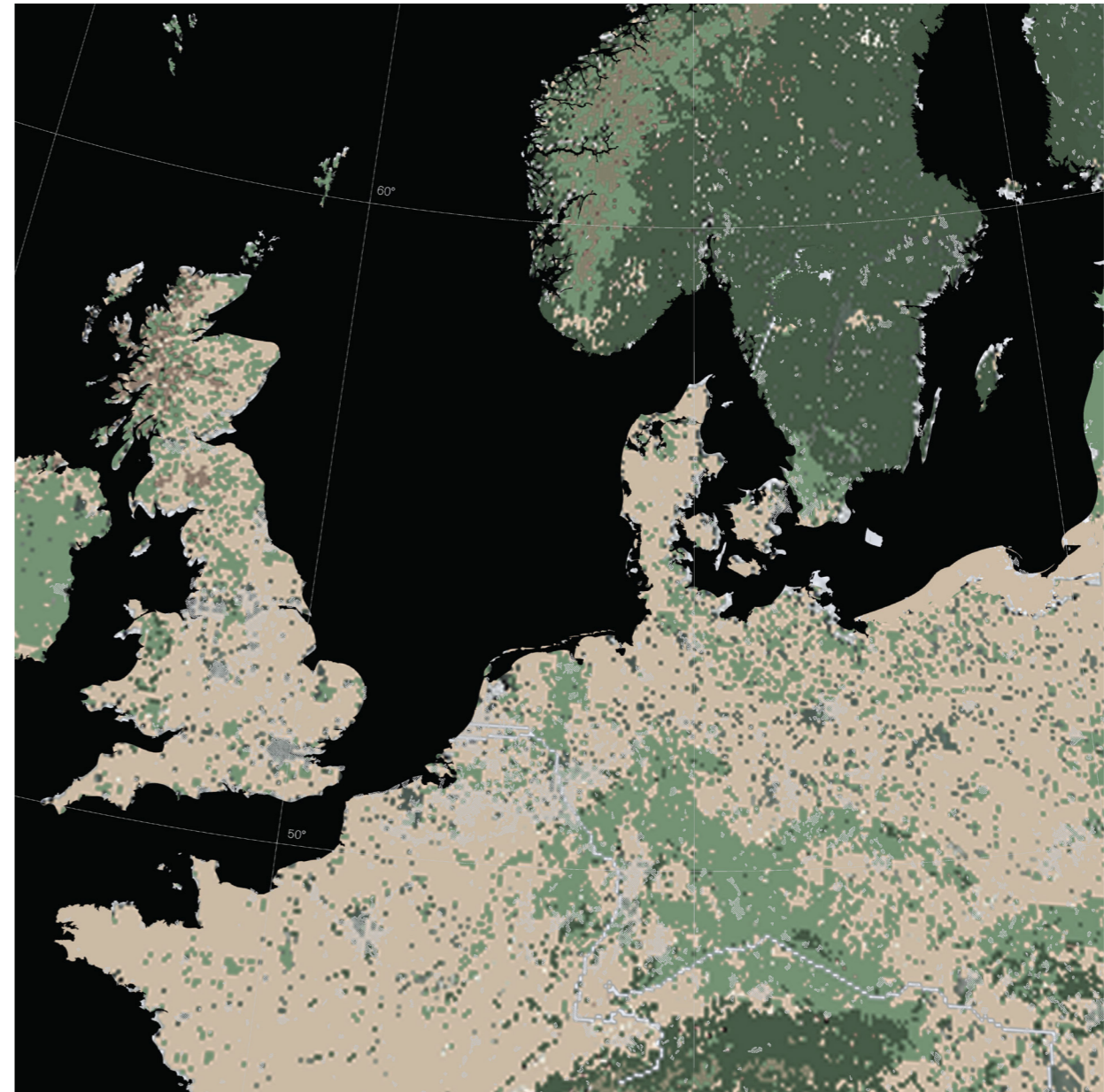
making stories



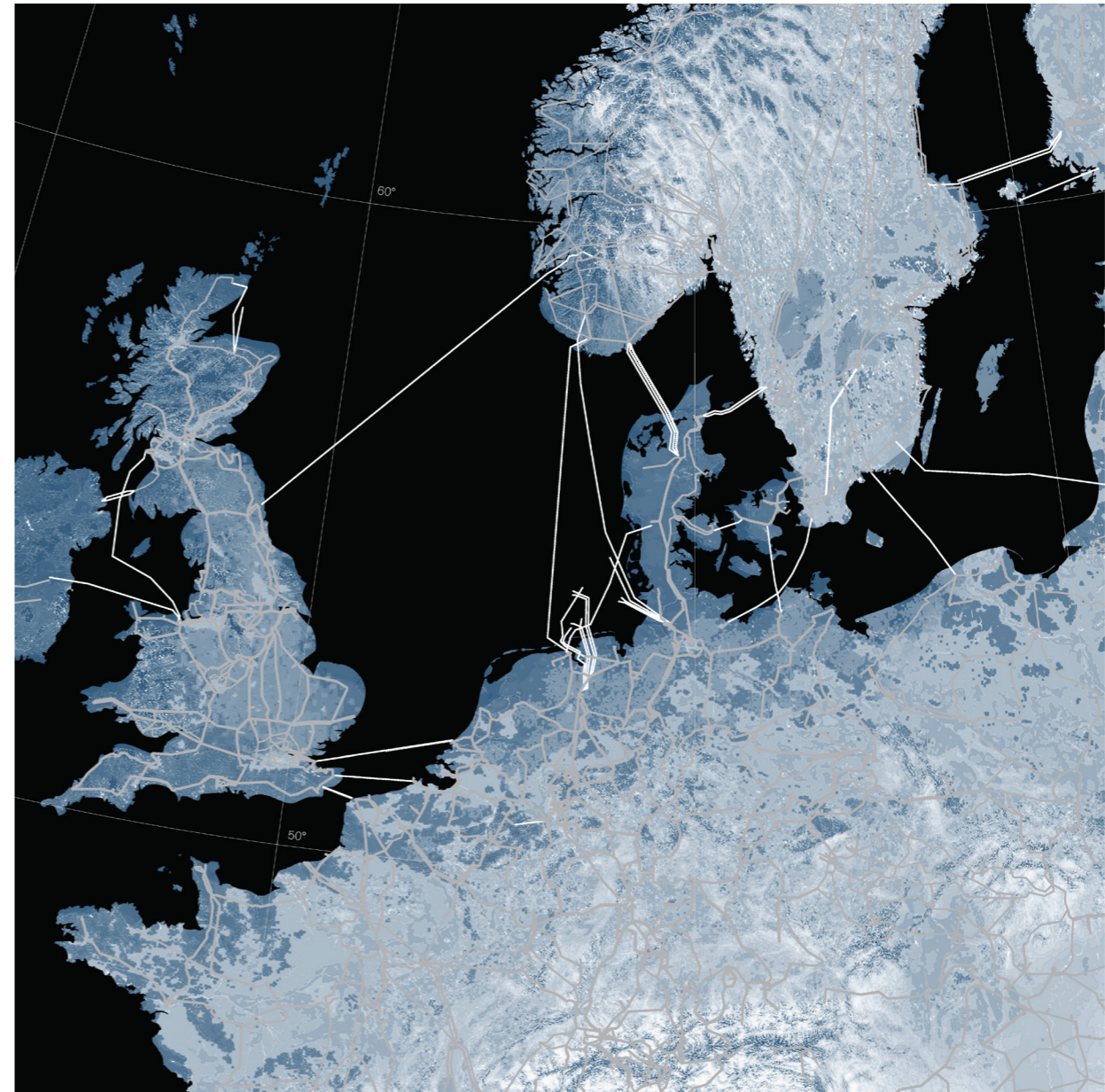
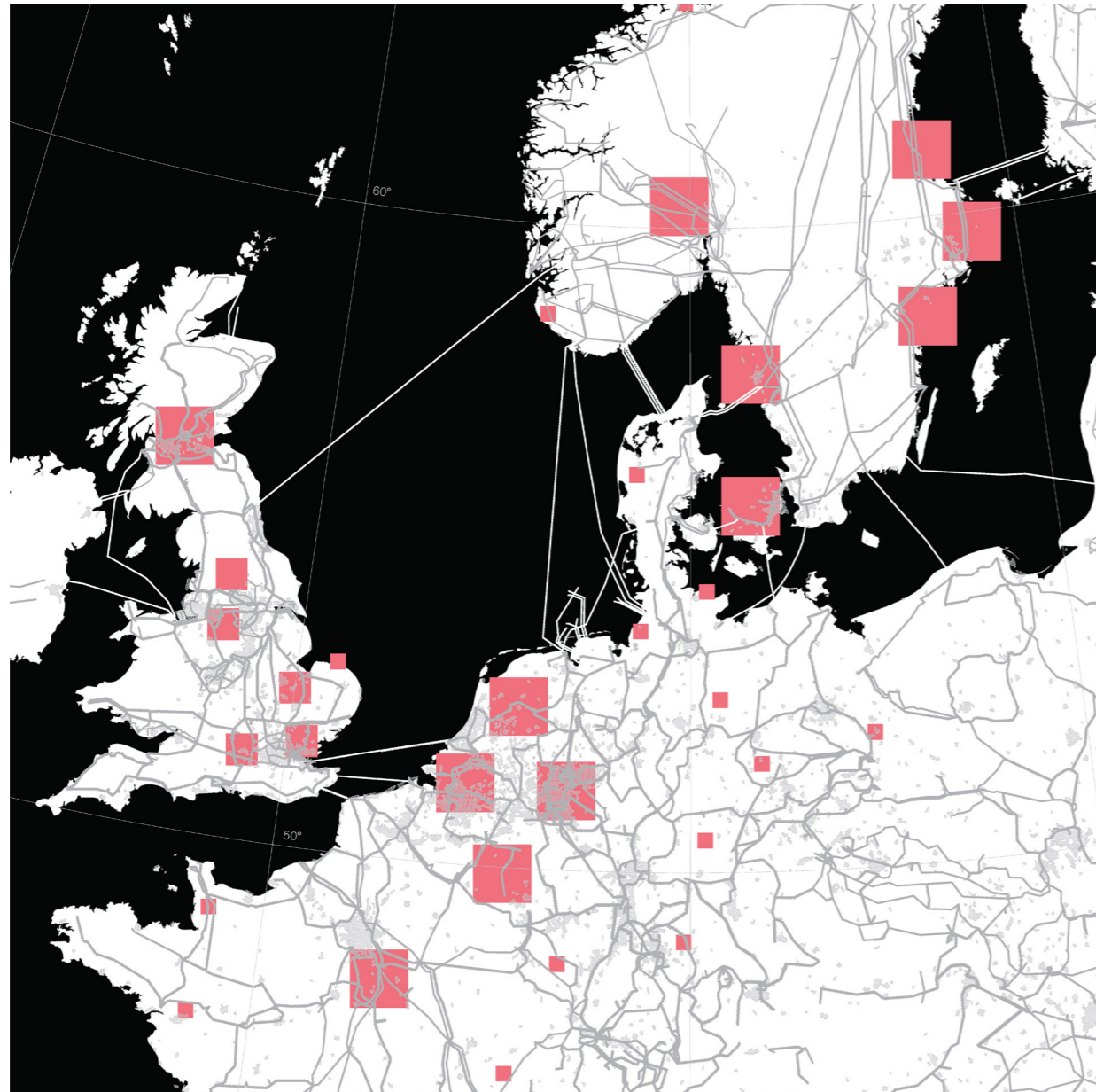


Flotta: A Bruck-Mining Saga

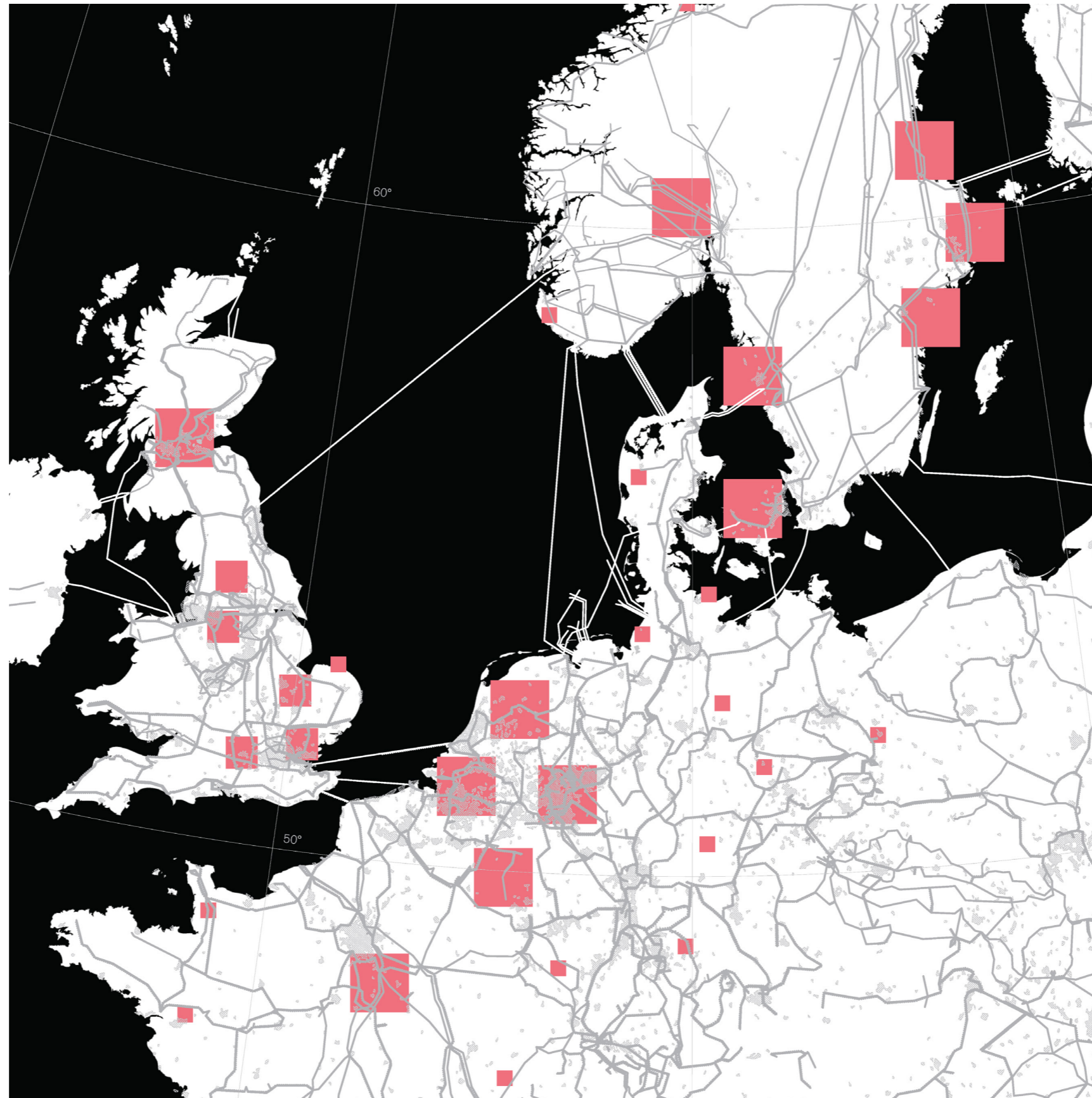
Why does this matter?



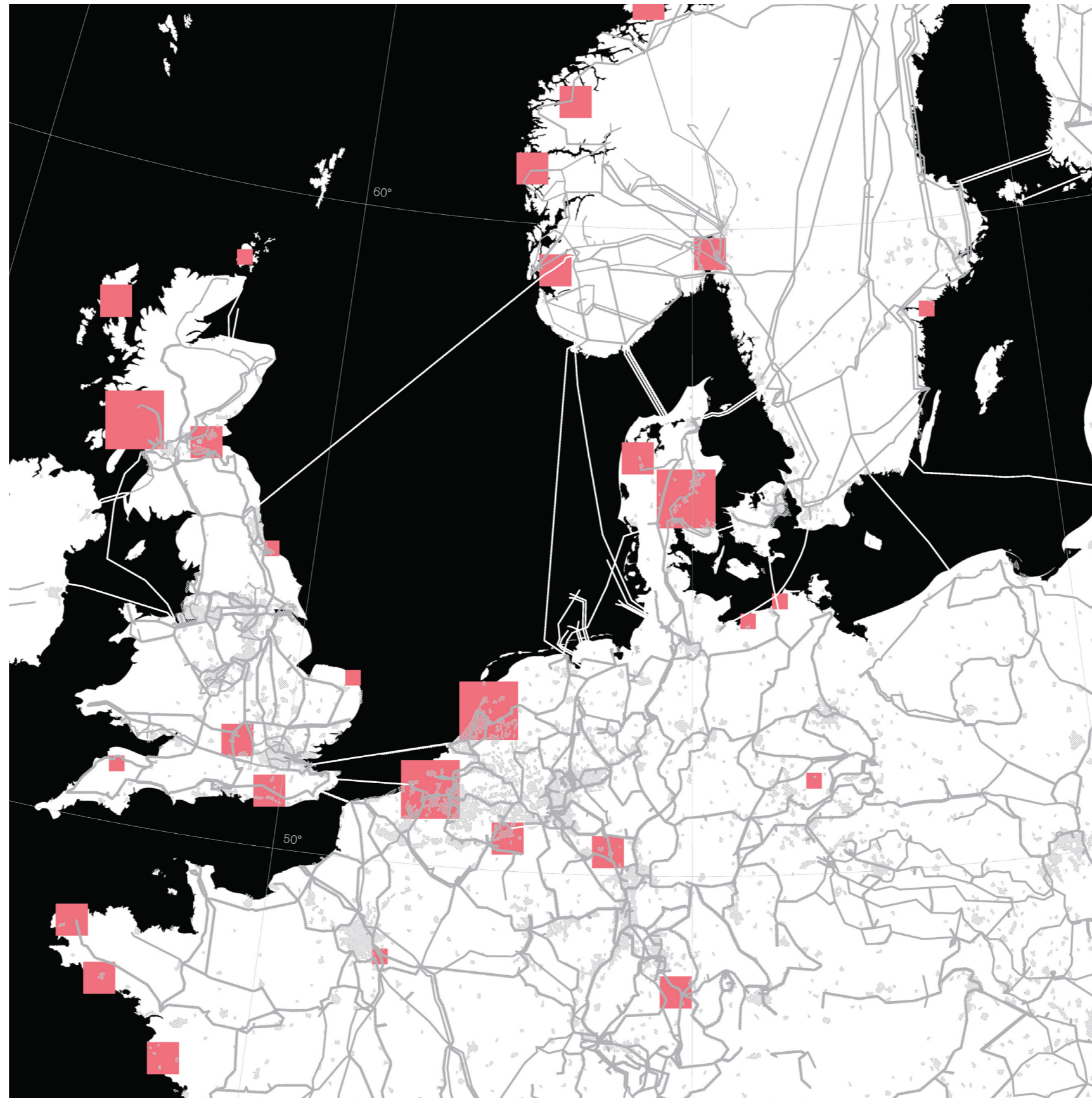
the oceanic project: parallel worlds



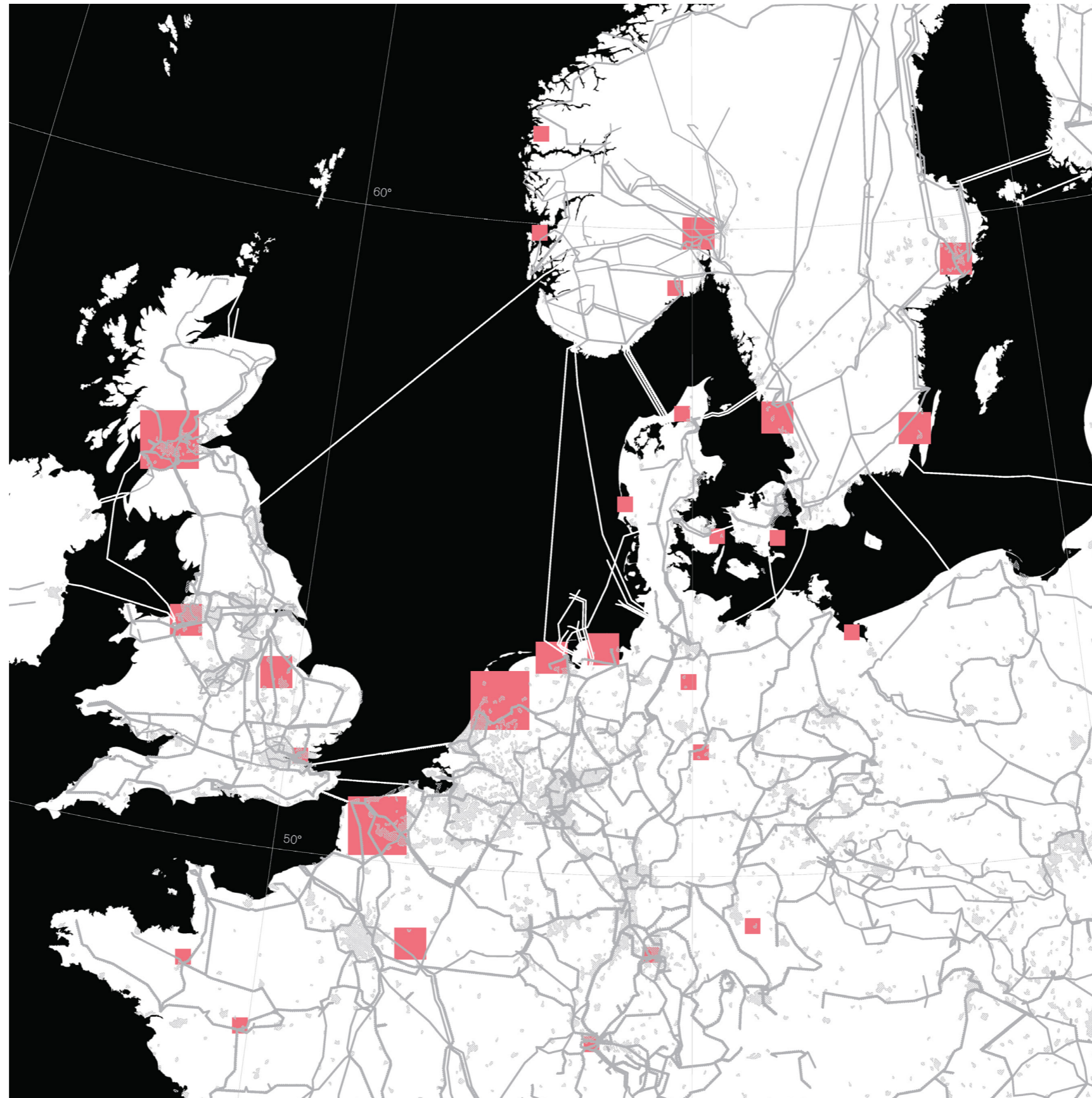
arguing for industrial territorialism



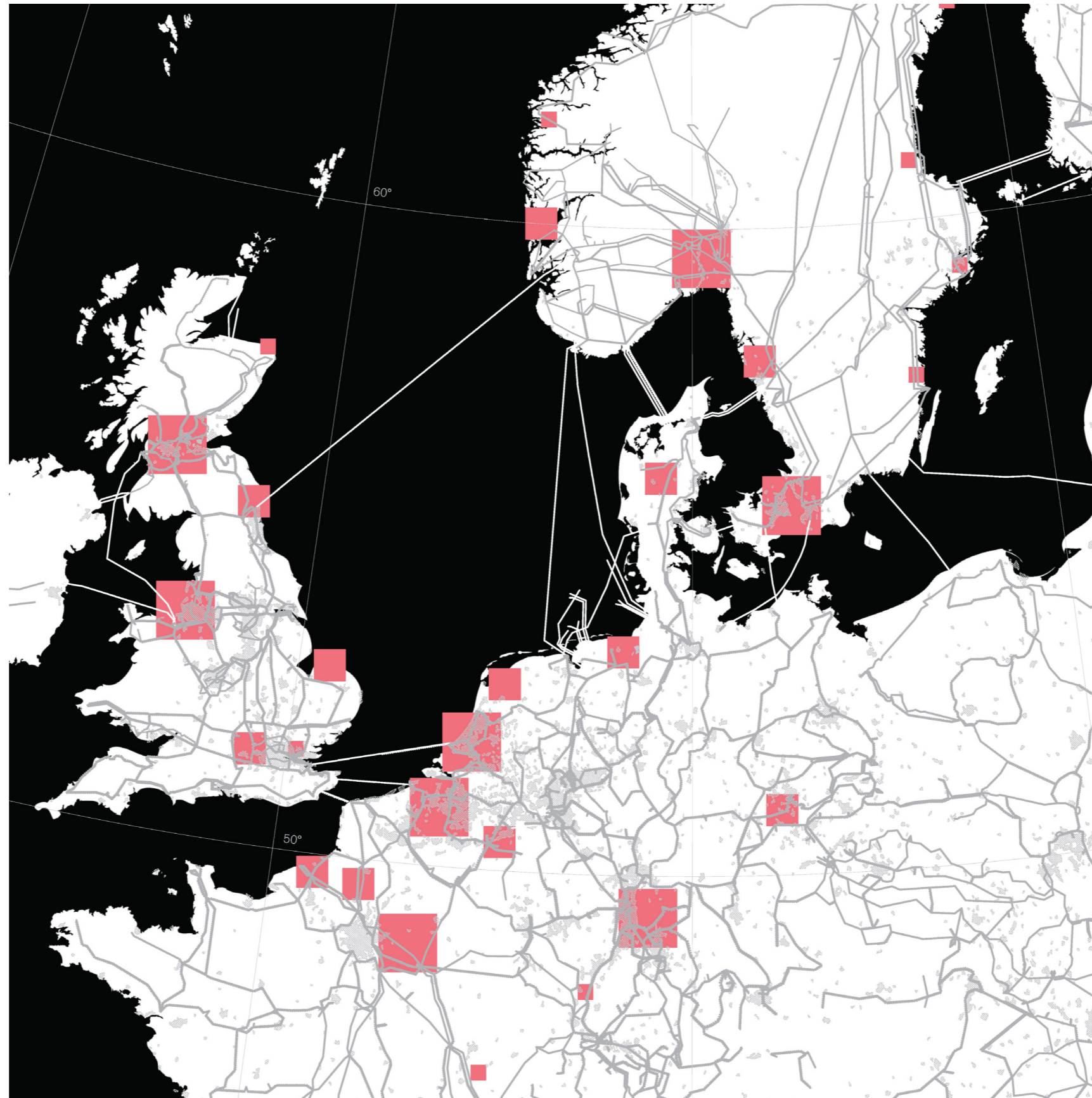
(metal) recycling



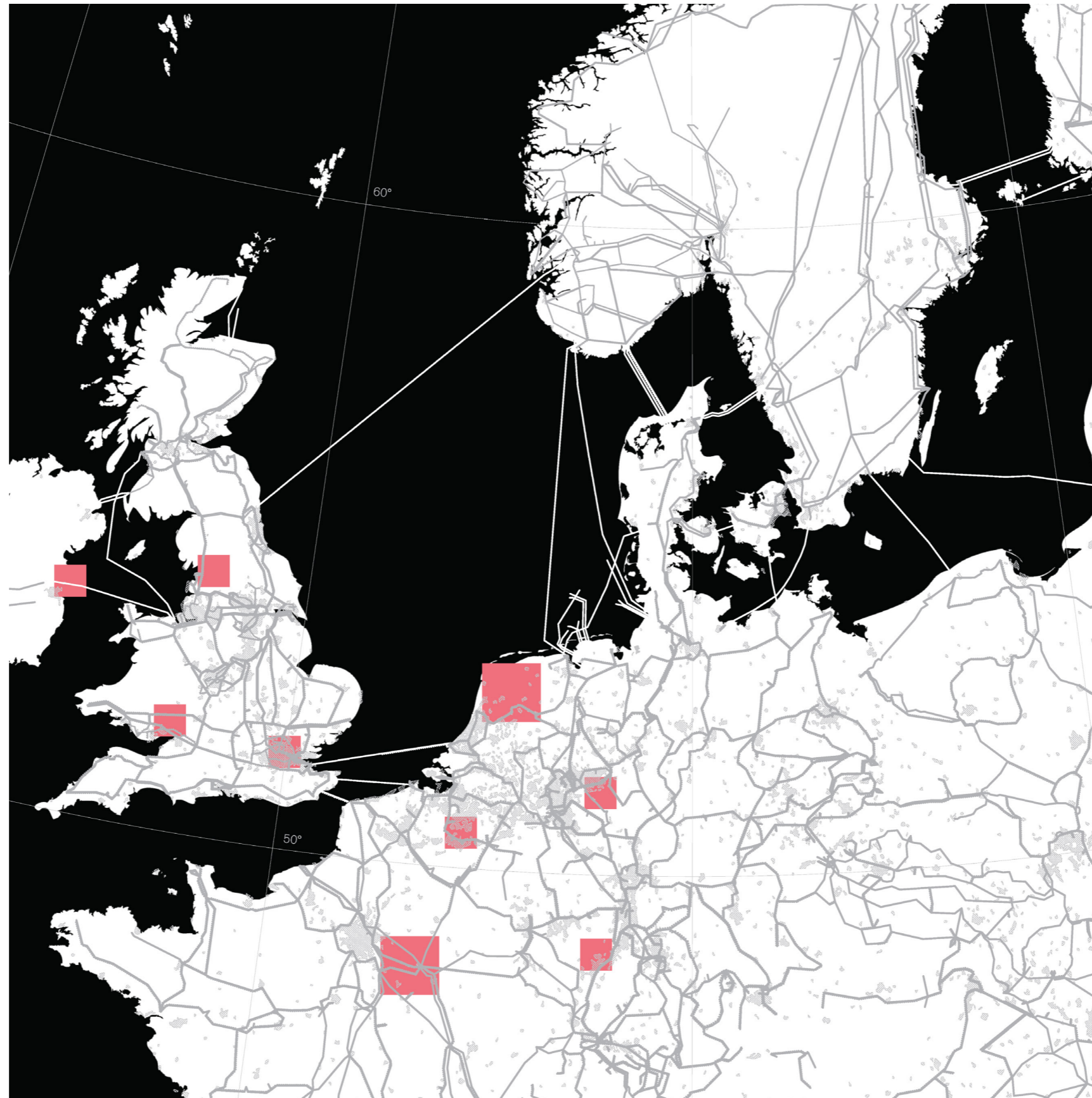
aquaculture



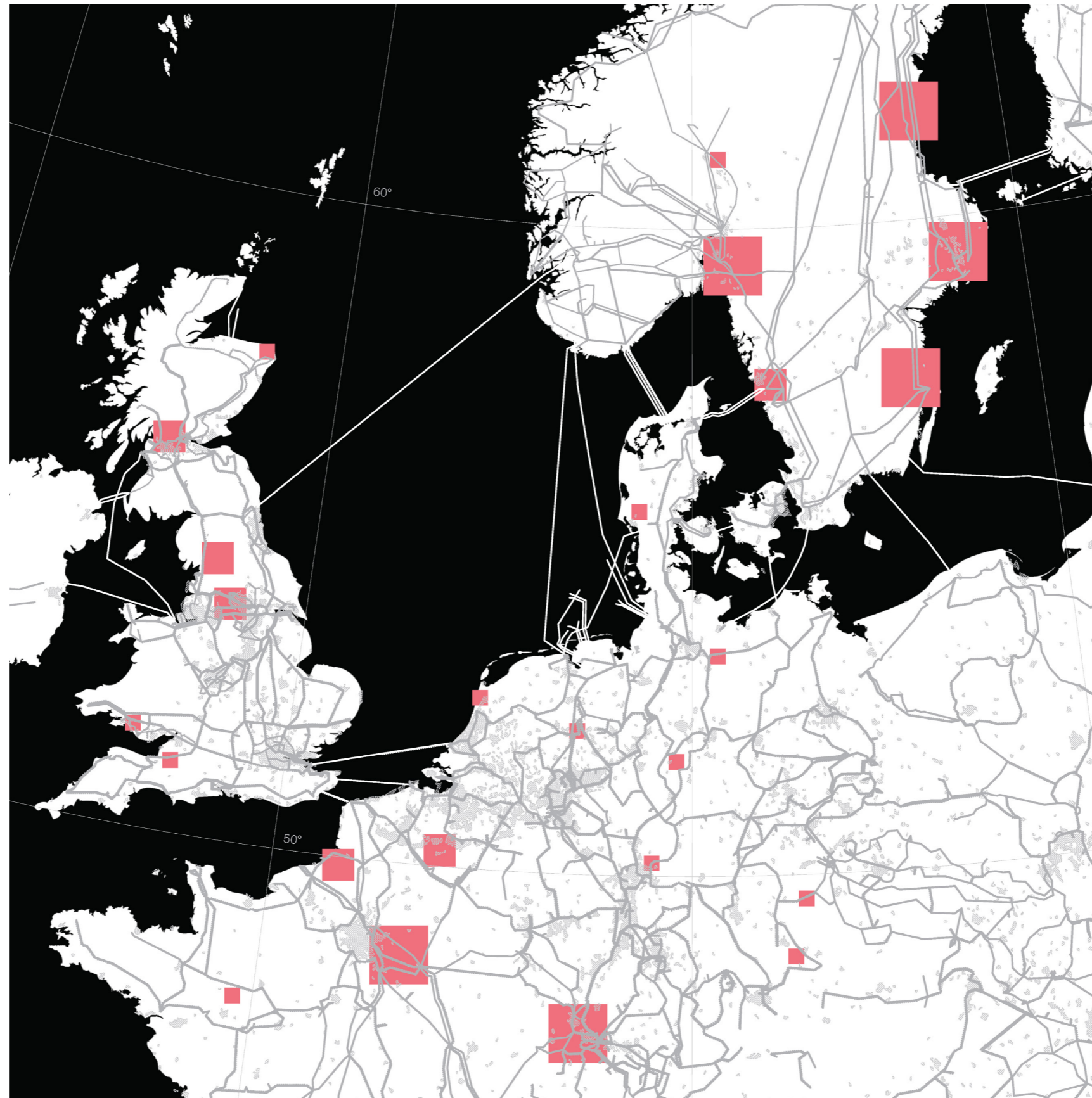
cement production



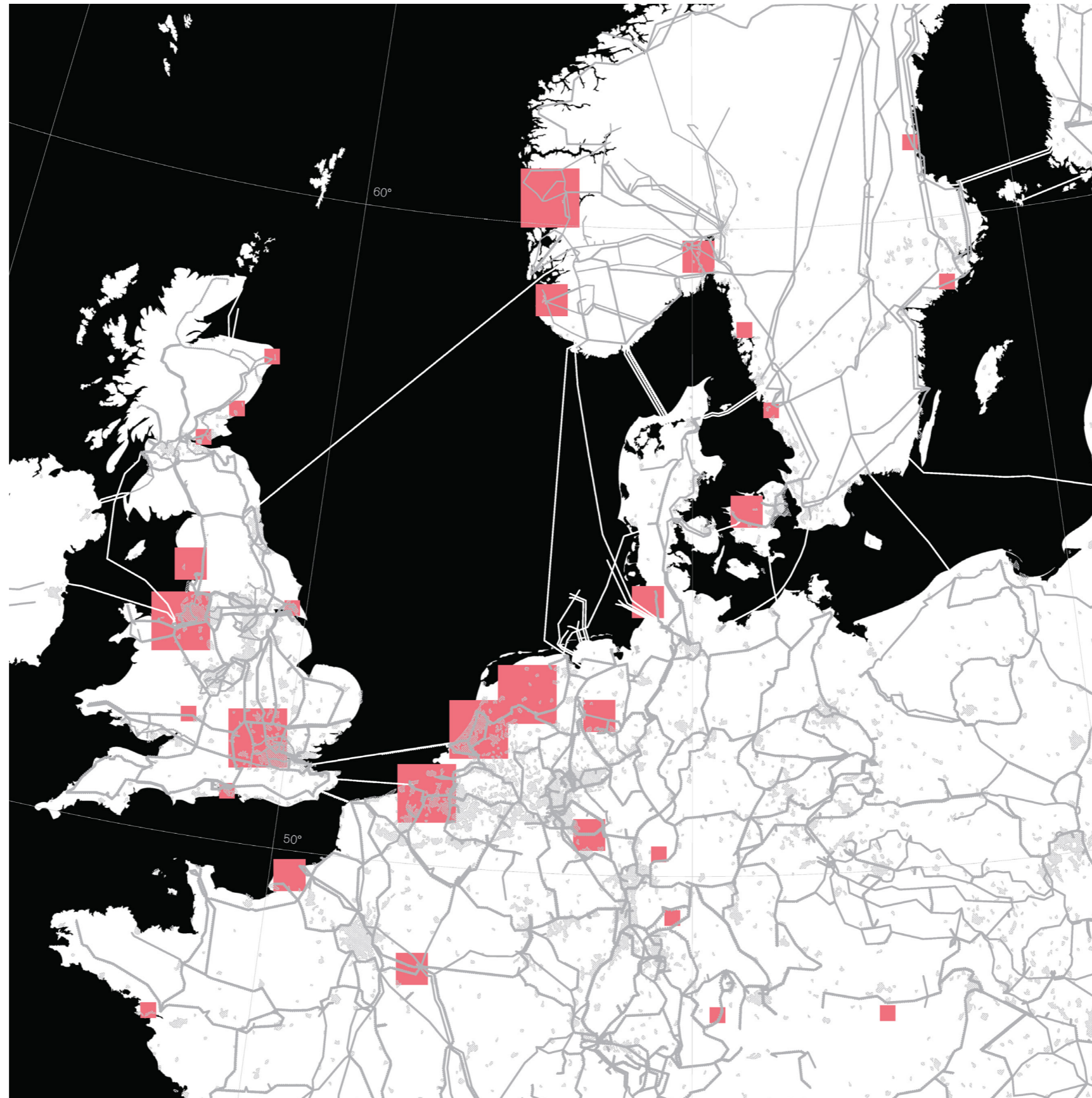
chemical manufacturing



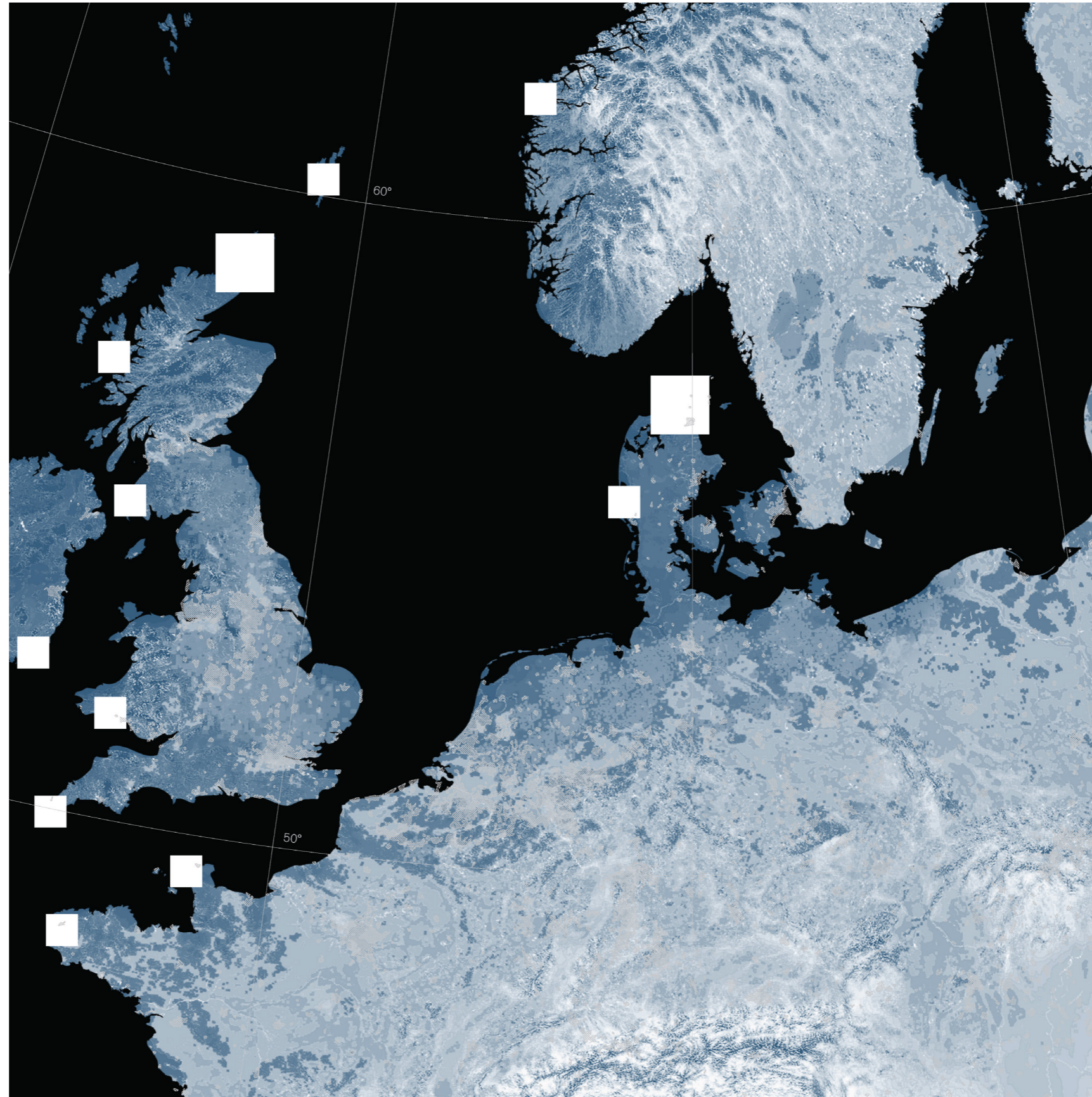
data centres



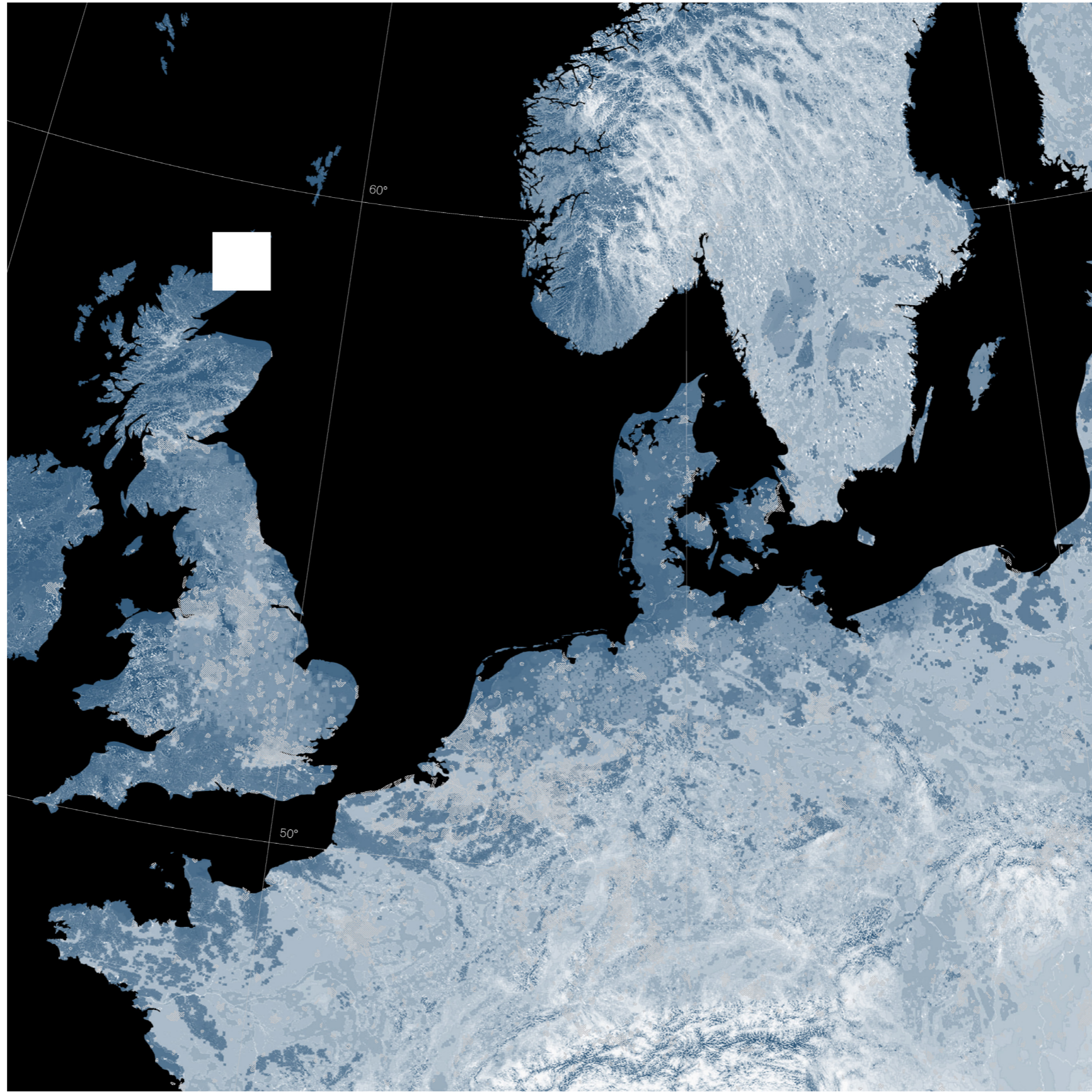
paper and pulp



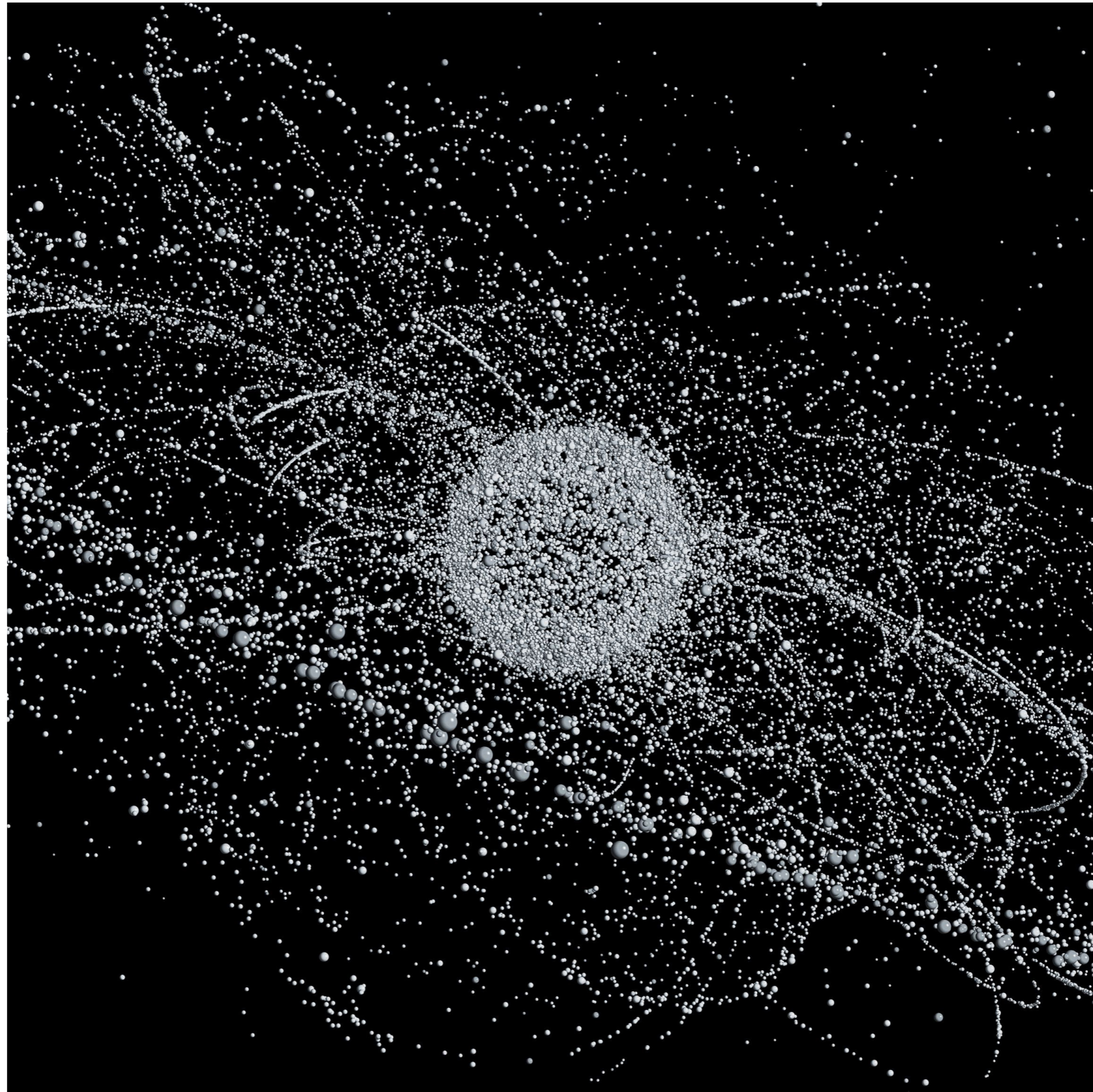
refining



scenario for industrial territorialism



Flotta as exemplar



space junk | junk space

Questions:

What do we want the Anthropocene to look like?

Where is the humanity in the Anthropocene?



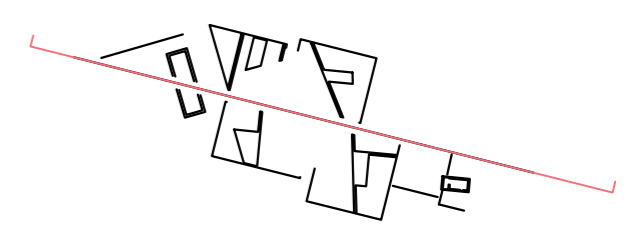
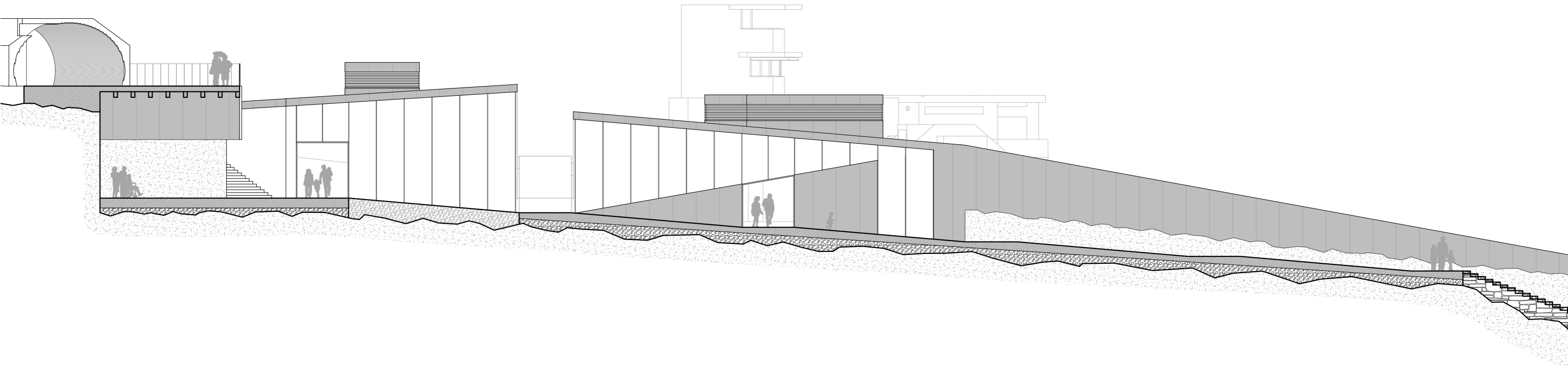
Architecture and the Anthropocene



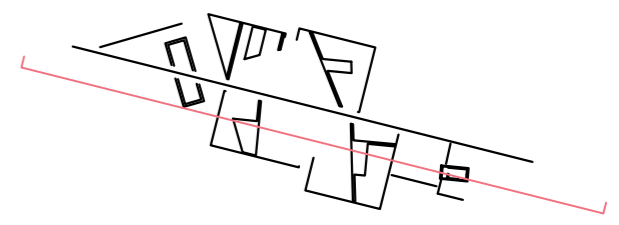
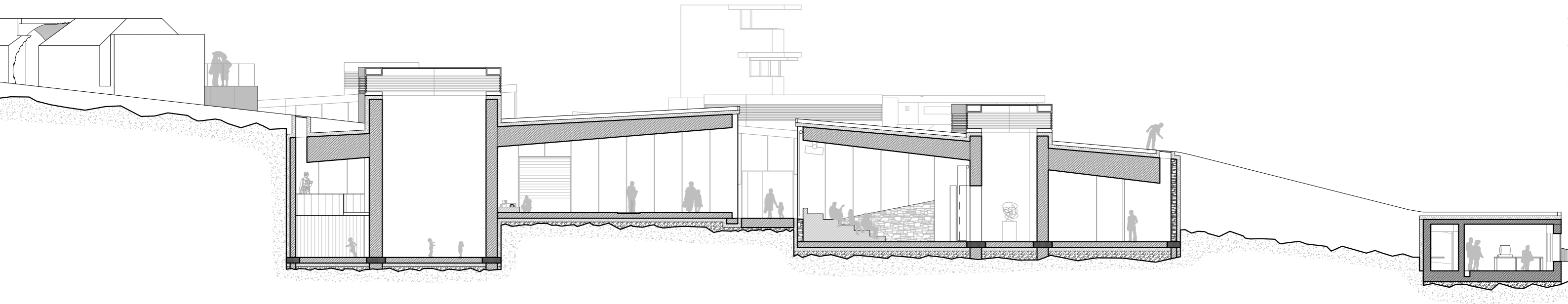
positioning: in search of symbiosis

Flotta: A Bruck-Mining Saga

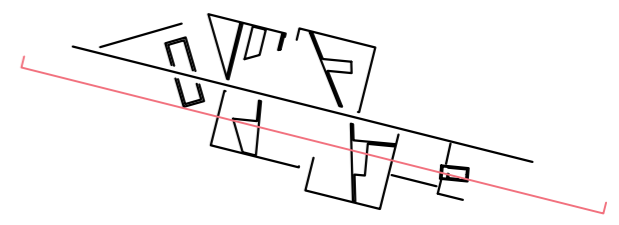
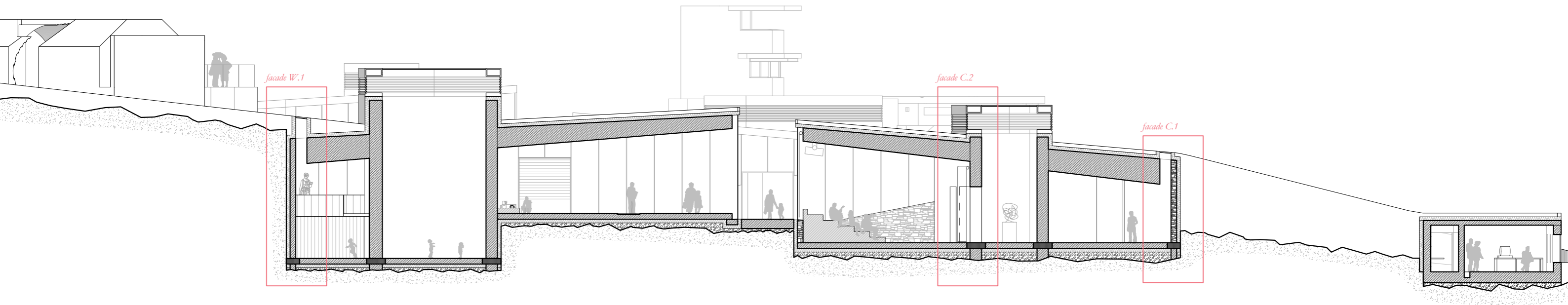
Additional Material



Flotta: A Bruck-Mining Saga
Saga line

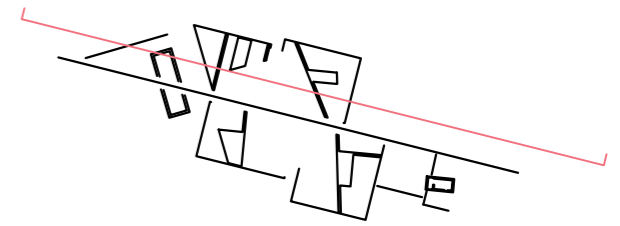
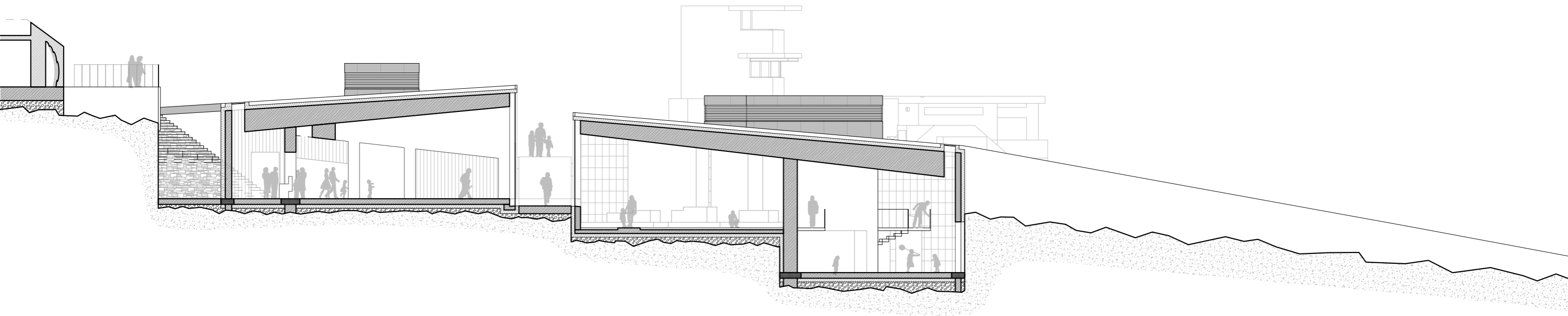


Flotta: A Bruck-Mining Saga
Stories of past and future



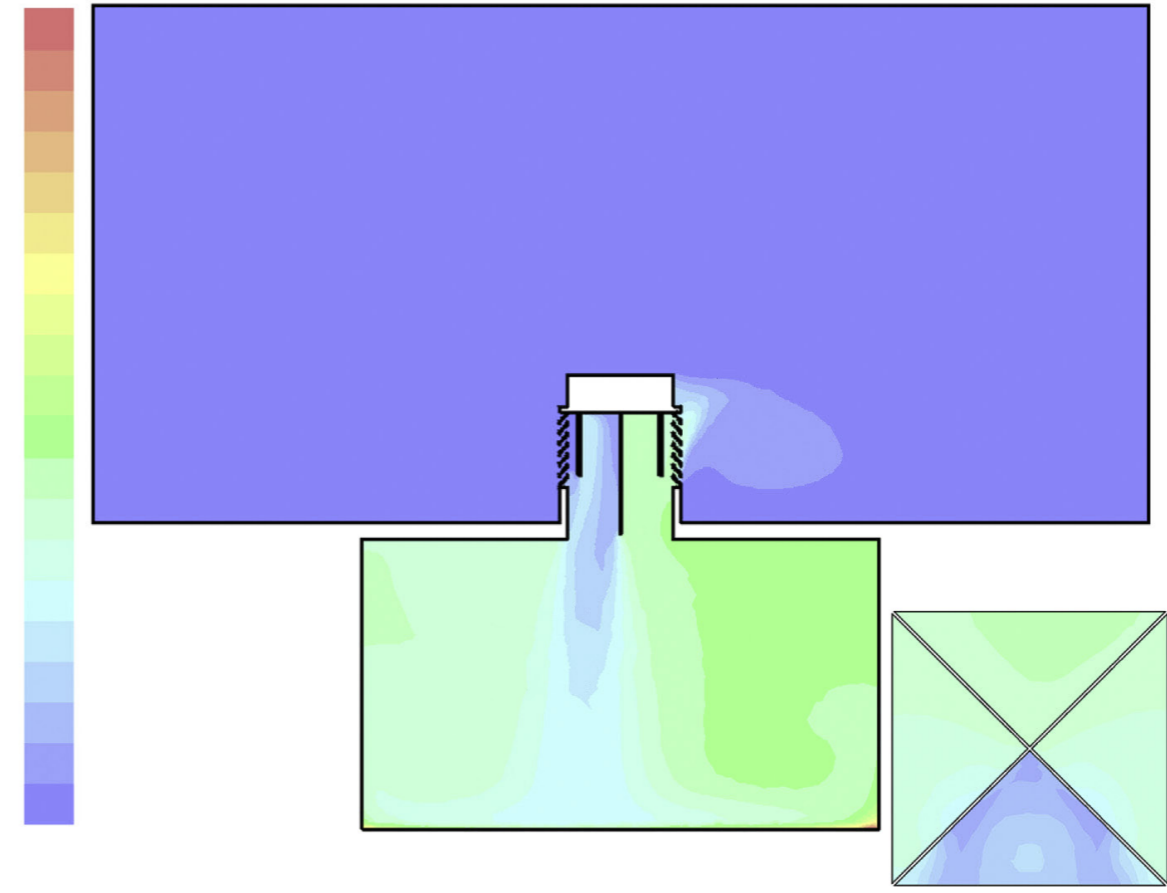
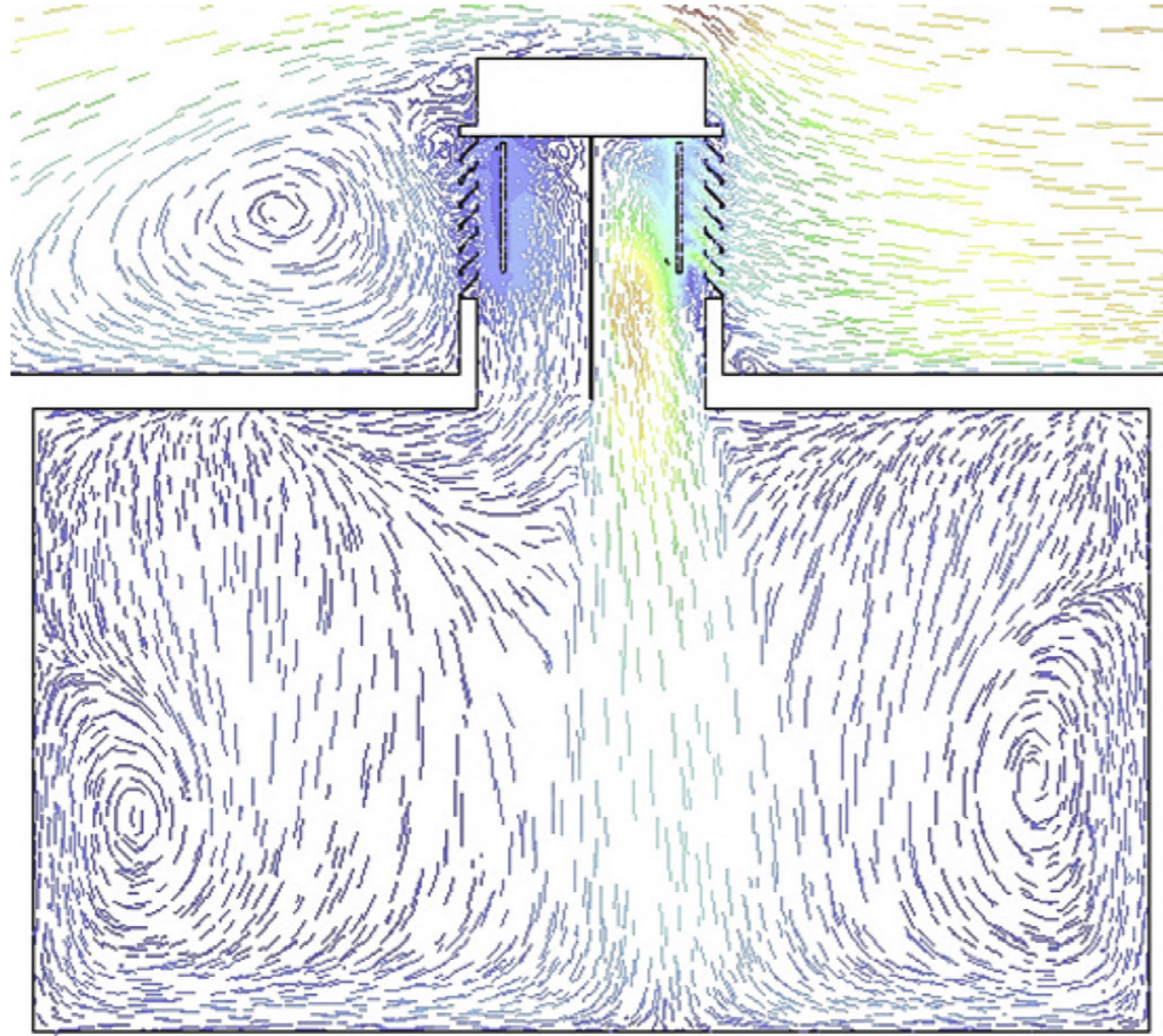
Flotta: A Bruck-Mining Saga

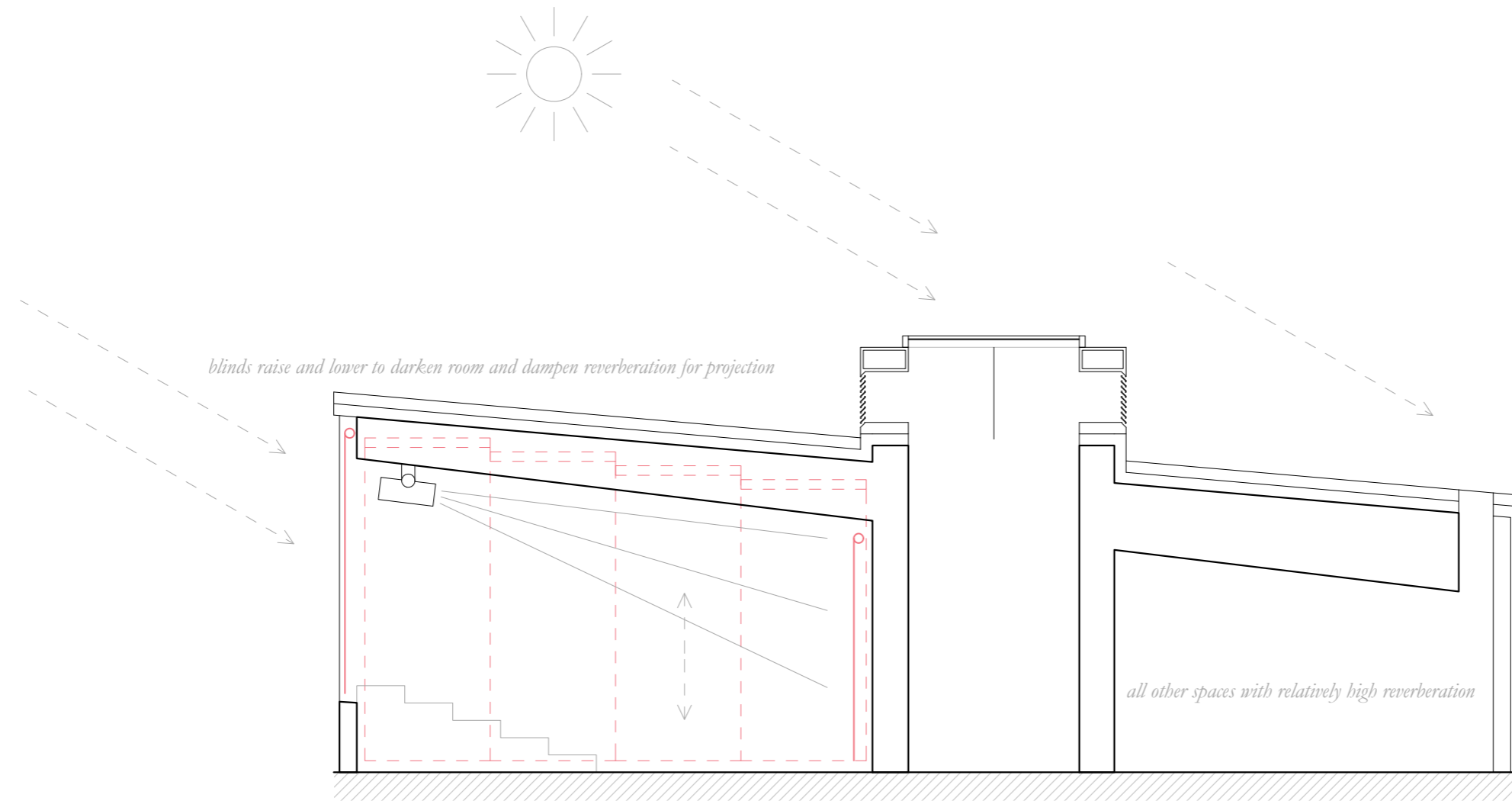
Location of interior facades



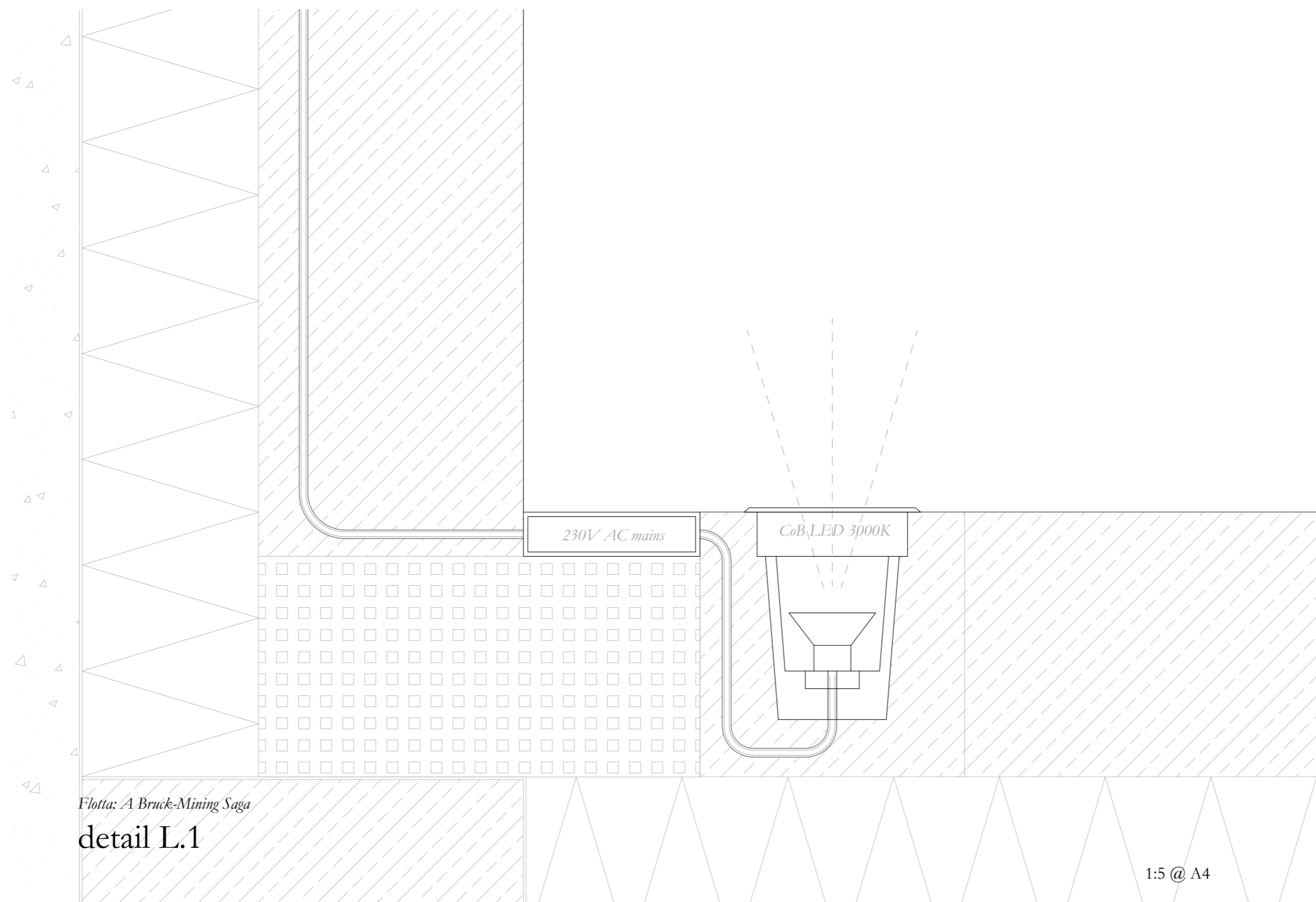
Flotta: A Bruck-Mining Saga

Stories of infrastructure and new present





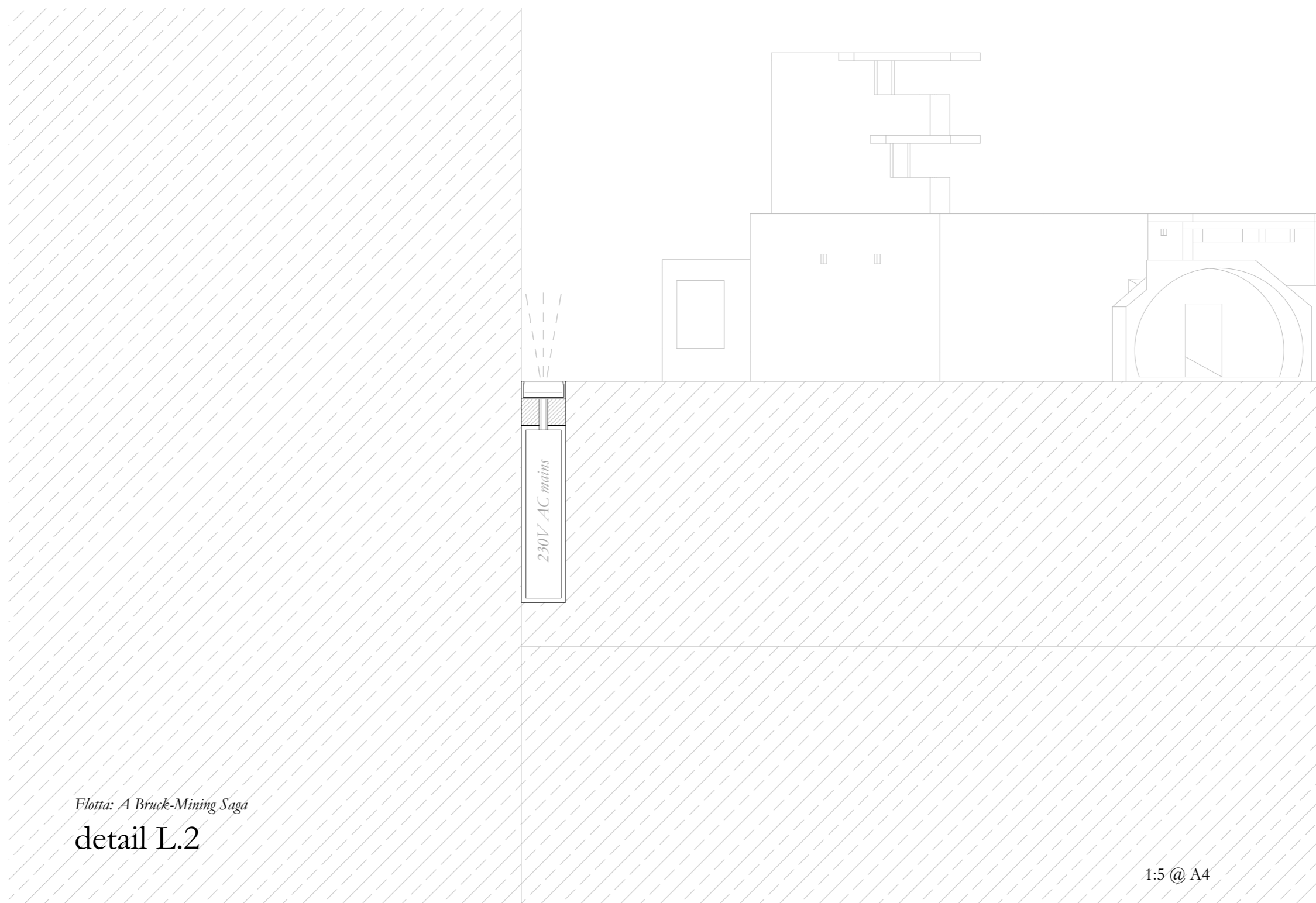




Flotta: A Bruck-Mining Saga

detail L.1

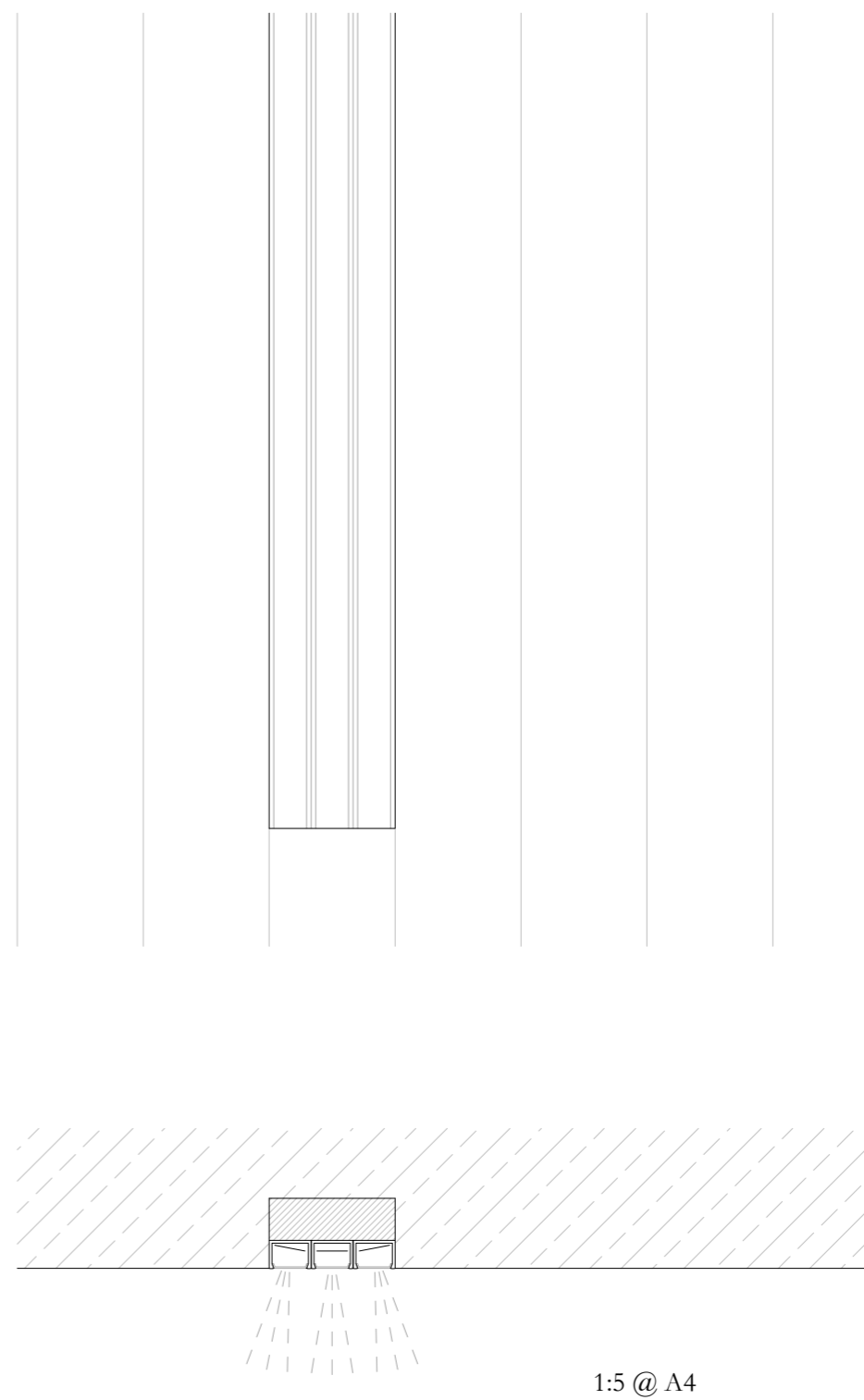
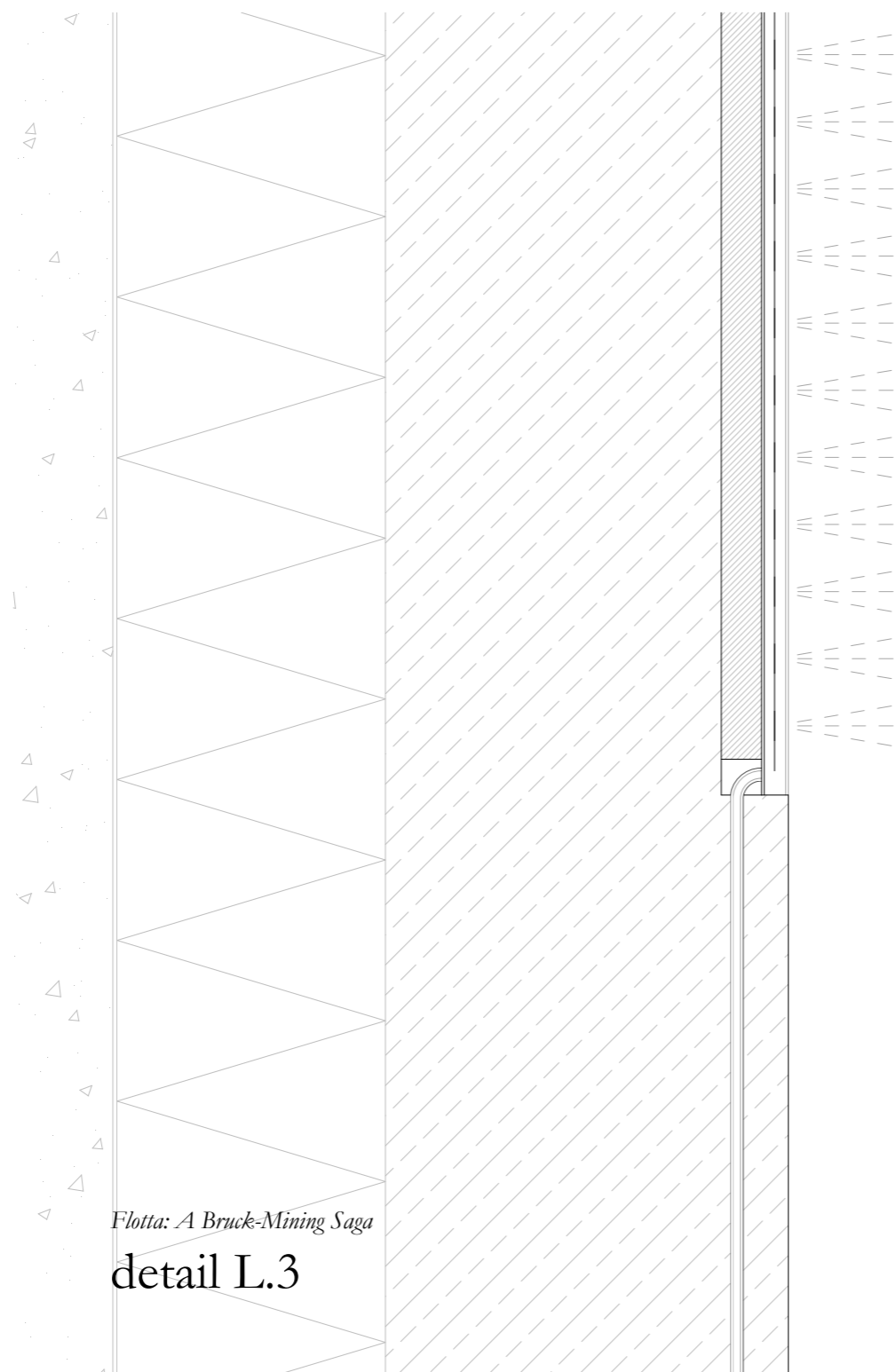
1:5 @ A4



Flotta: A Bruck-Mining Saga

detail L.2

1:5 @ A4



1:5 @ A4

