

# Architecture of Accumulation

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Transient Liquidities along the New Silk Road  
Borders & Territories Graduation Studio  
TU Delft 2024



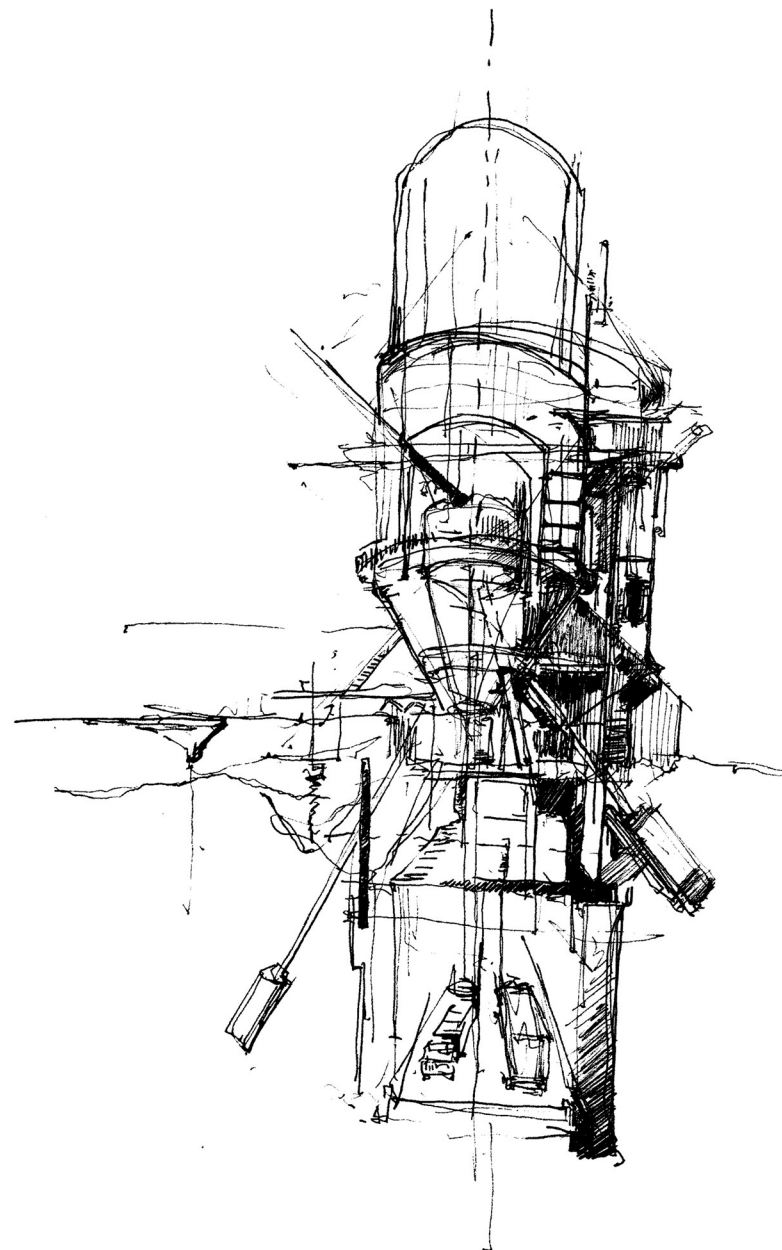
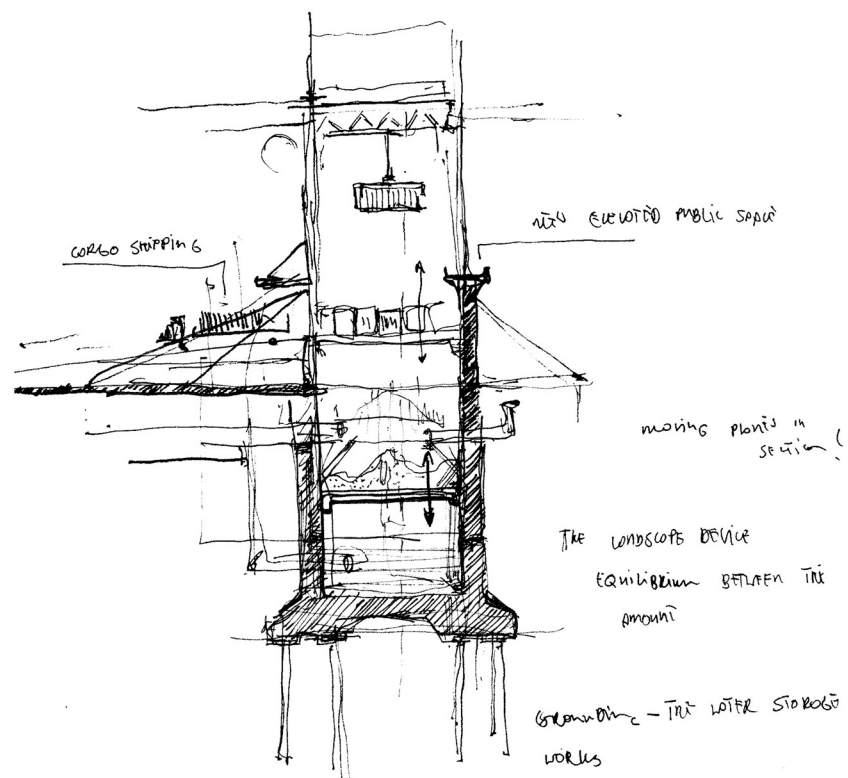
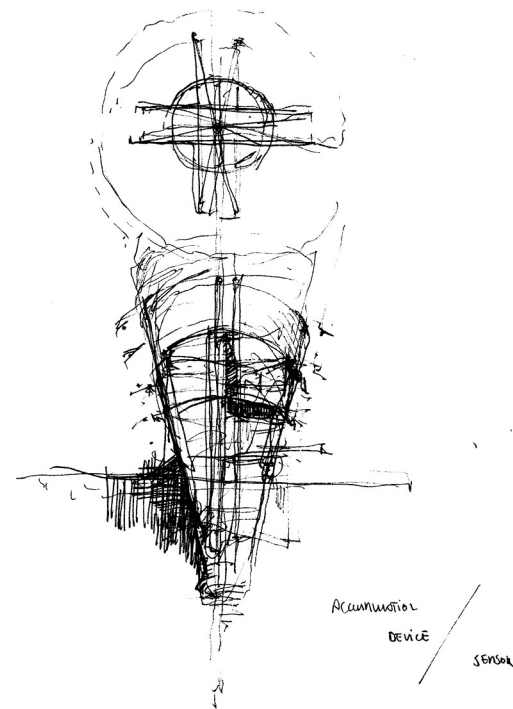
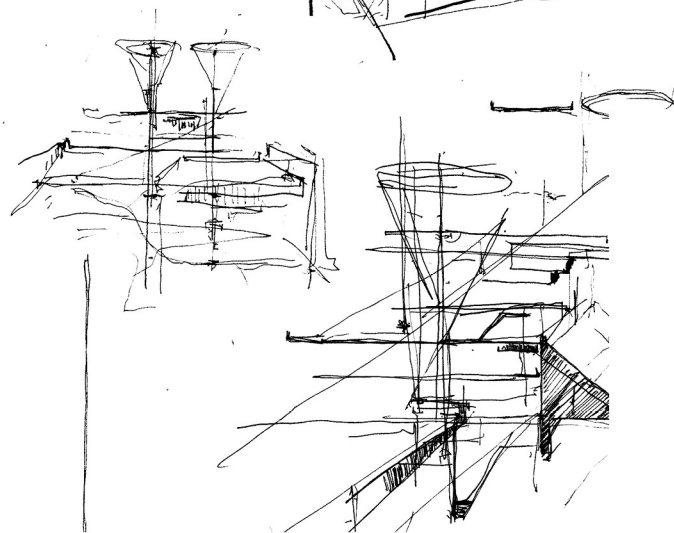
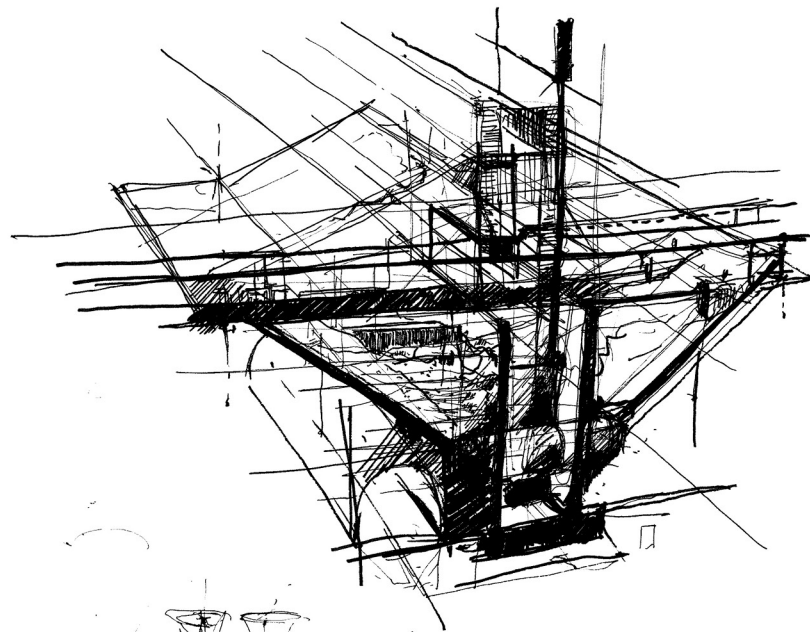
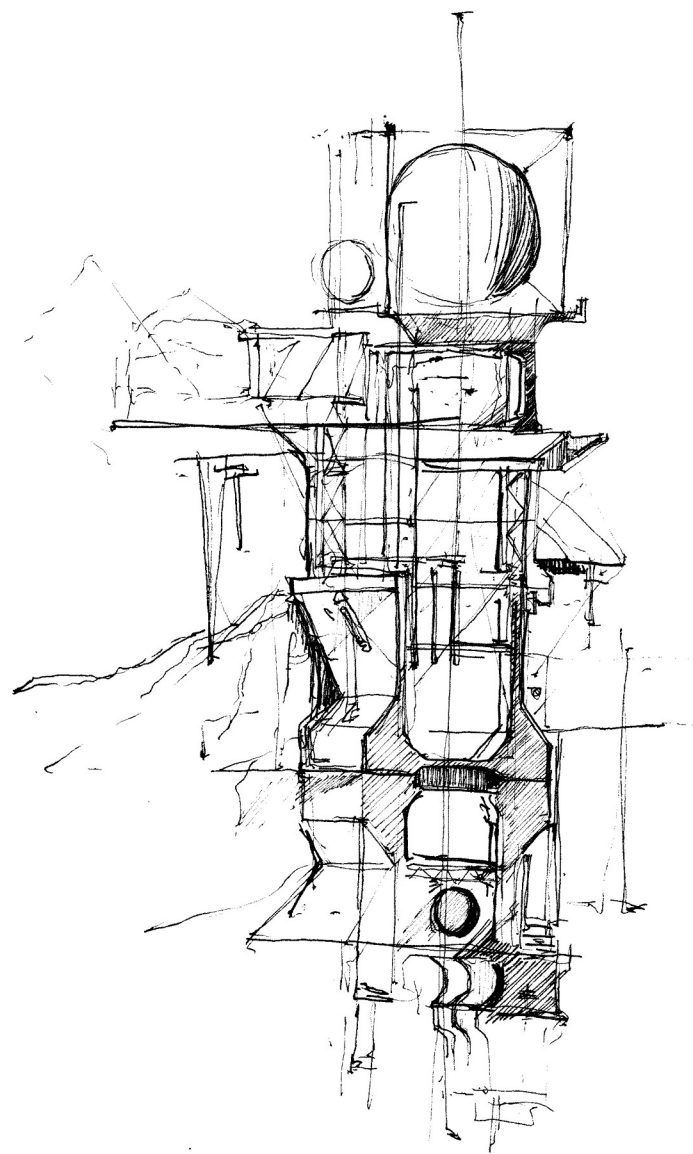
Architecture of Accumulation is a manifestation of the infrastructure of global capitalism,  
an attempt to find a form for the mass of objects and operations required to sustain global  
trade and logistics



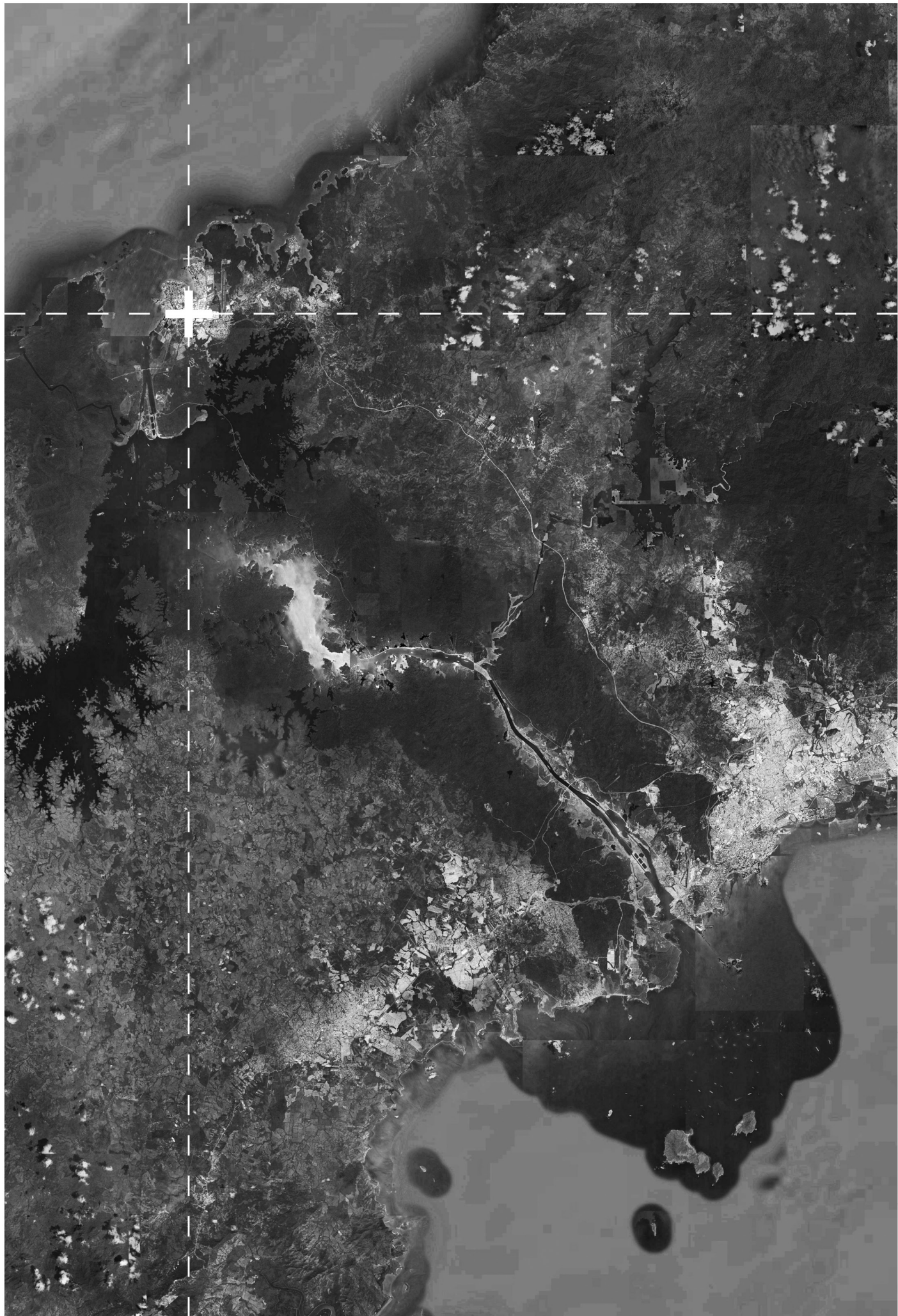




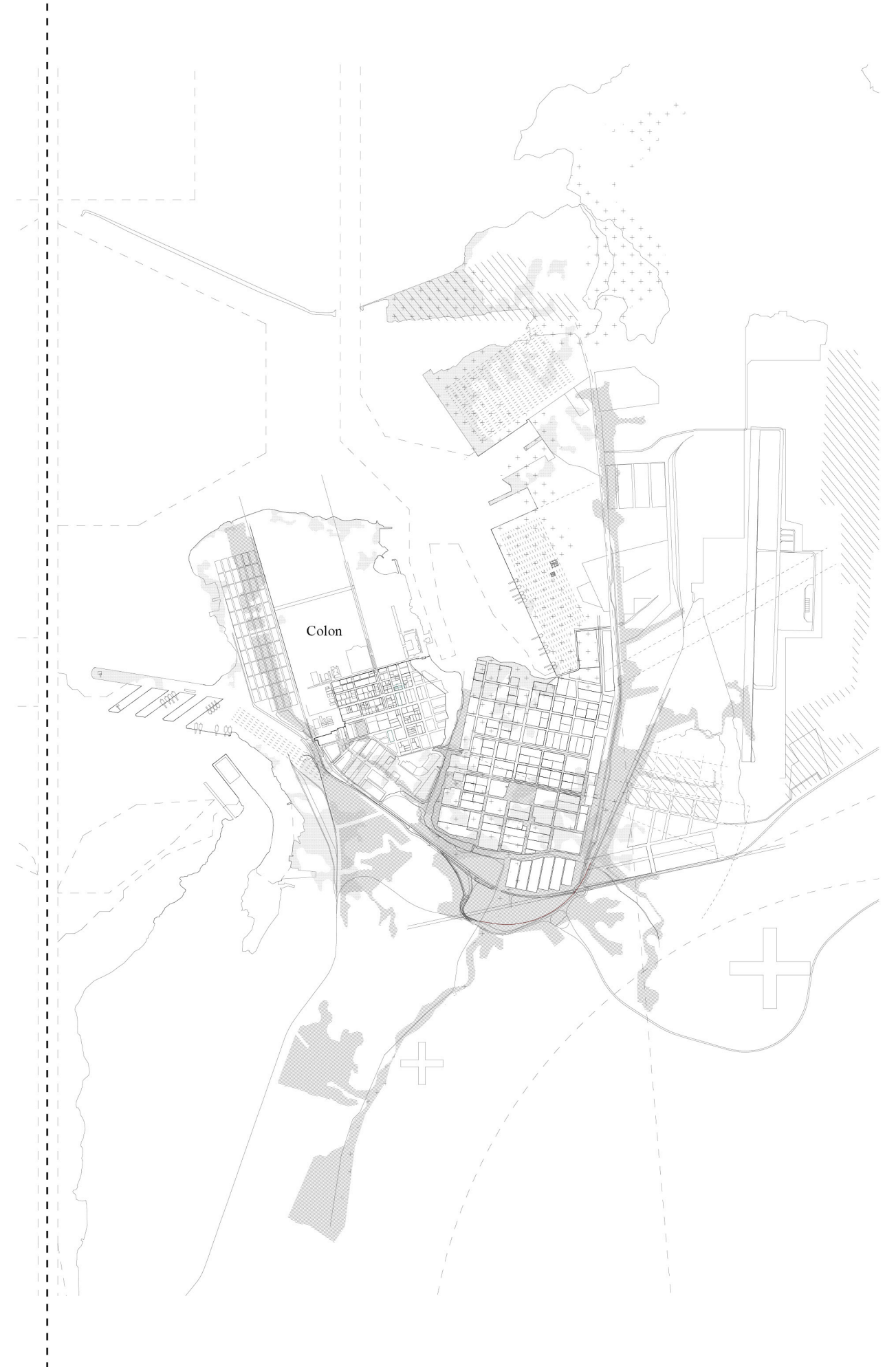




Architecture of Accumulation materializes in Panama, a key point of international logistics

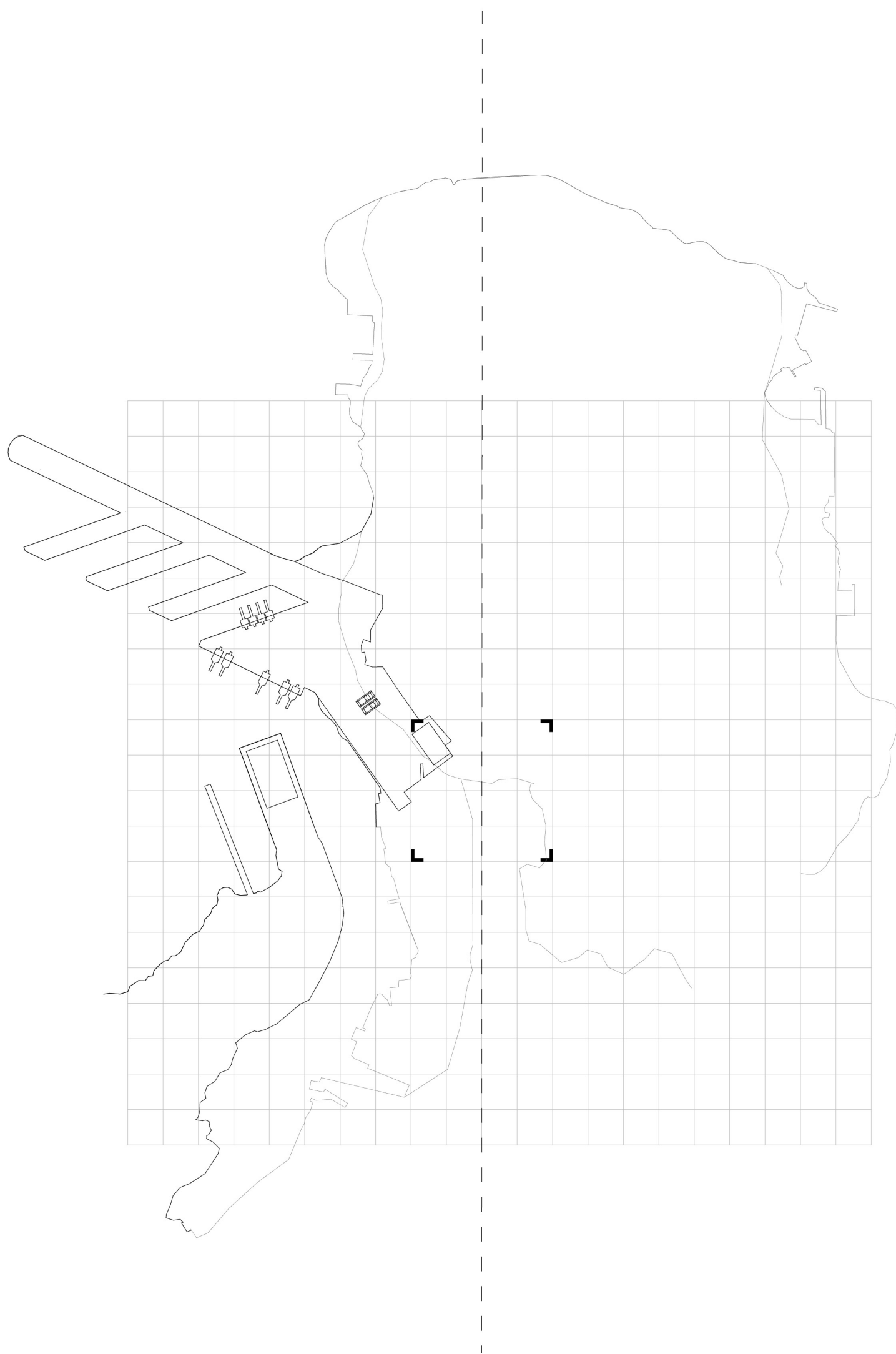






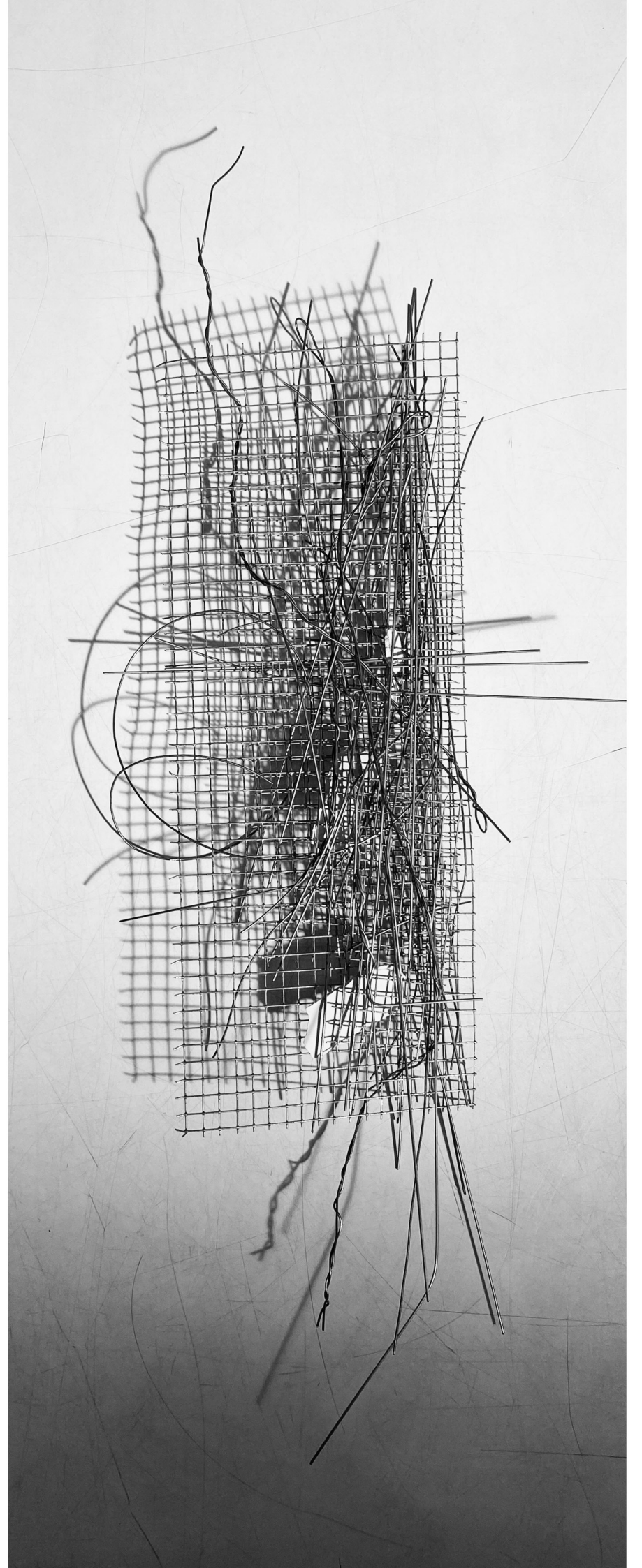
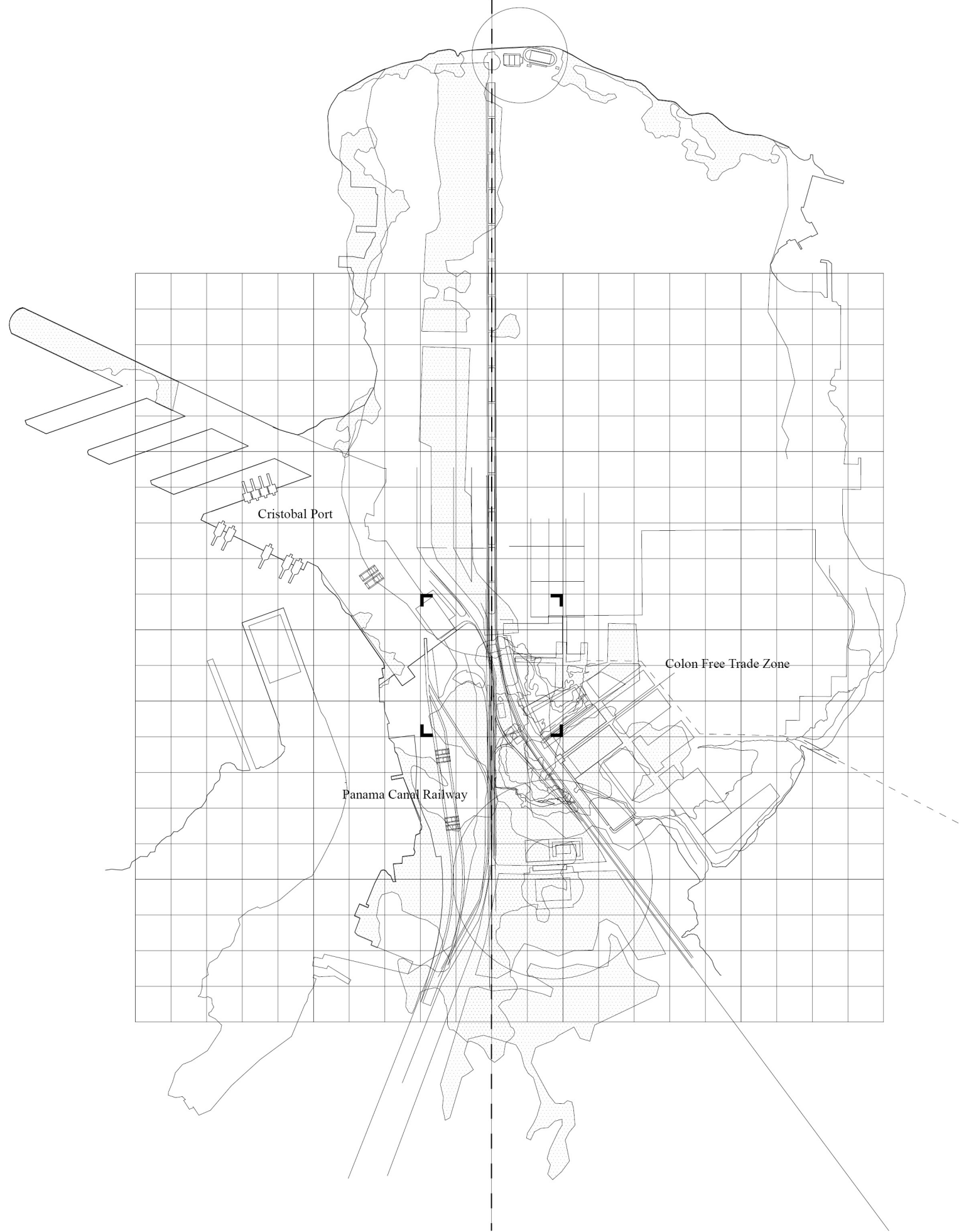
Architecture of Accumulation sublimates and crystalizes the unresolved tension between  
global operations and local landscapes

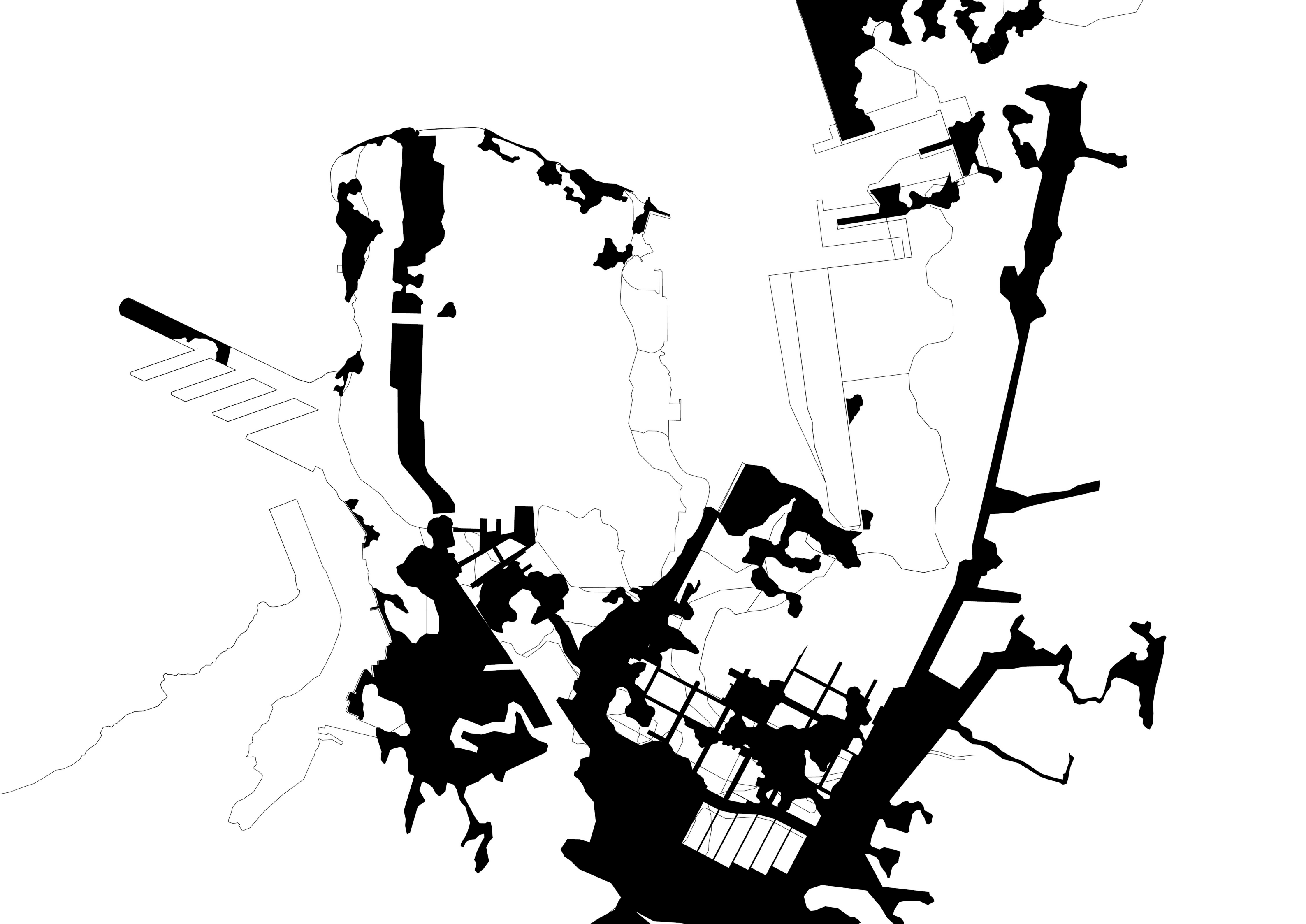
















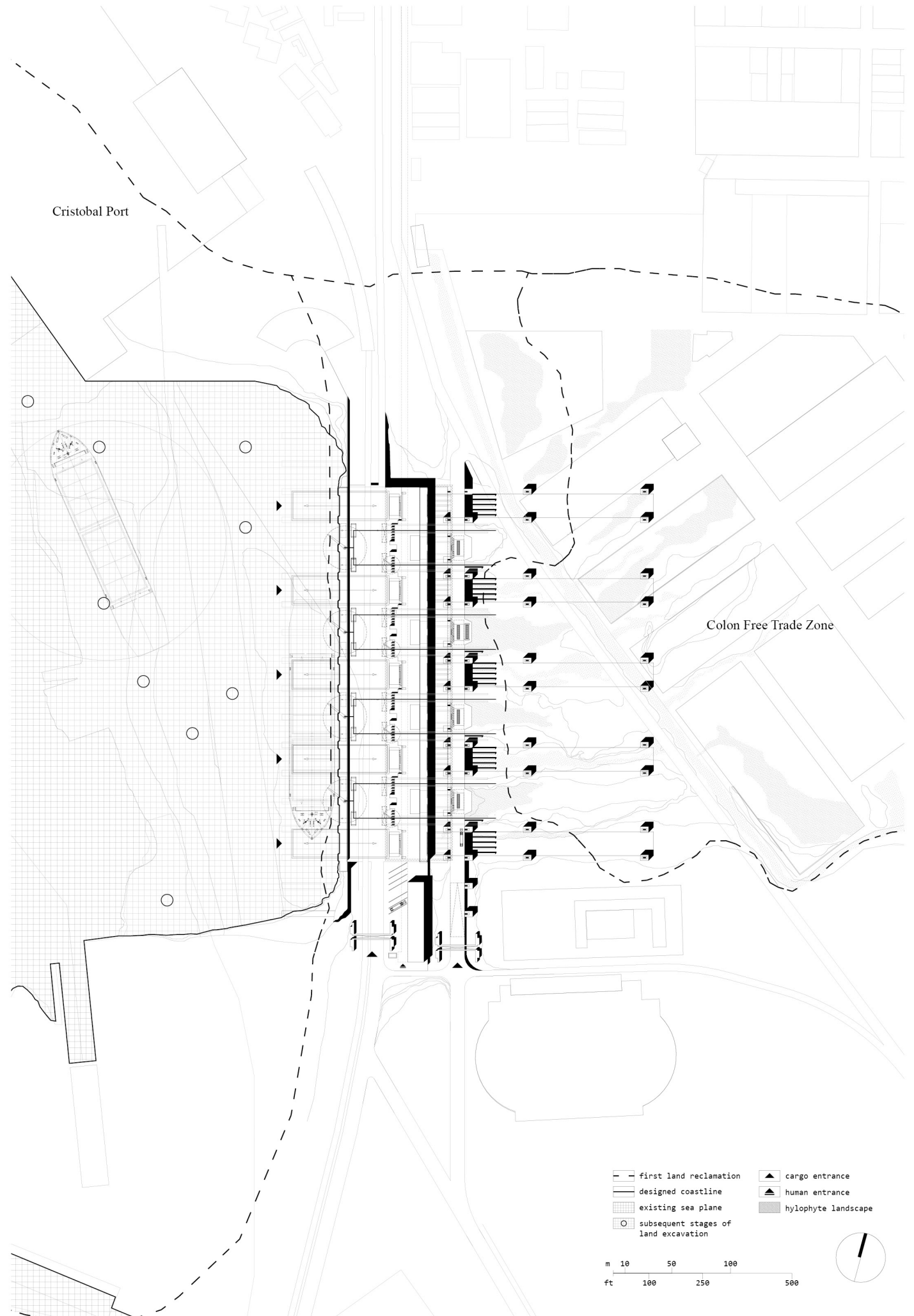
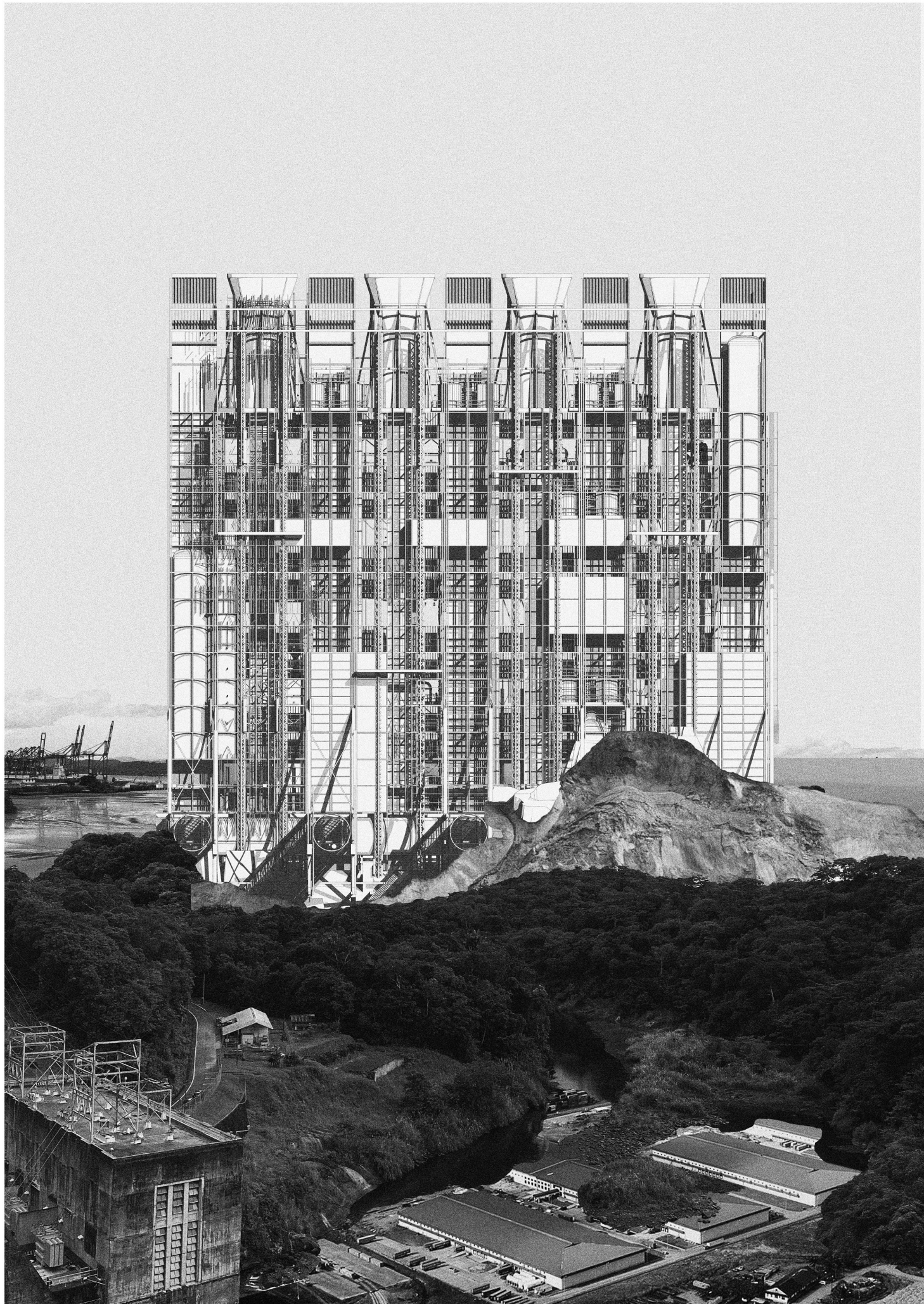




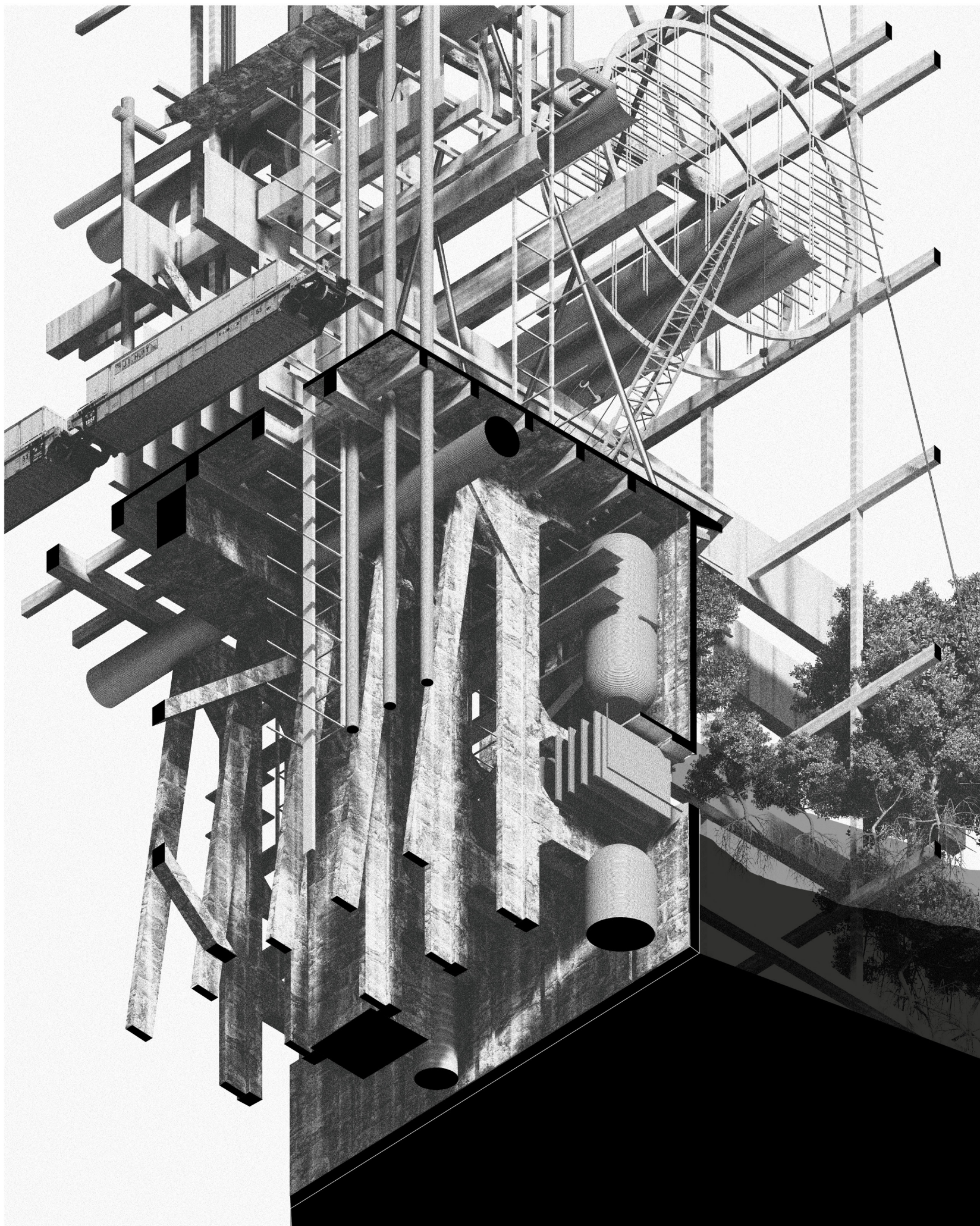


Architecture of Accumulation reimagines the organization of the industrial landscape by imposing a vertical density instead of horizontal expansion. It goes beyond the scale of traditional architectural gesture and becomes the territory itself

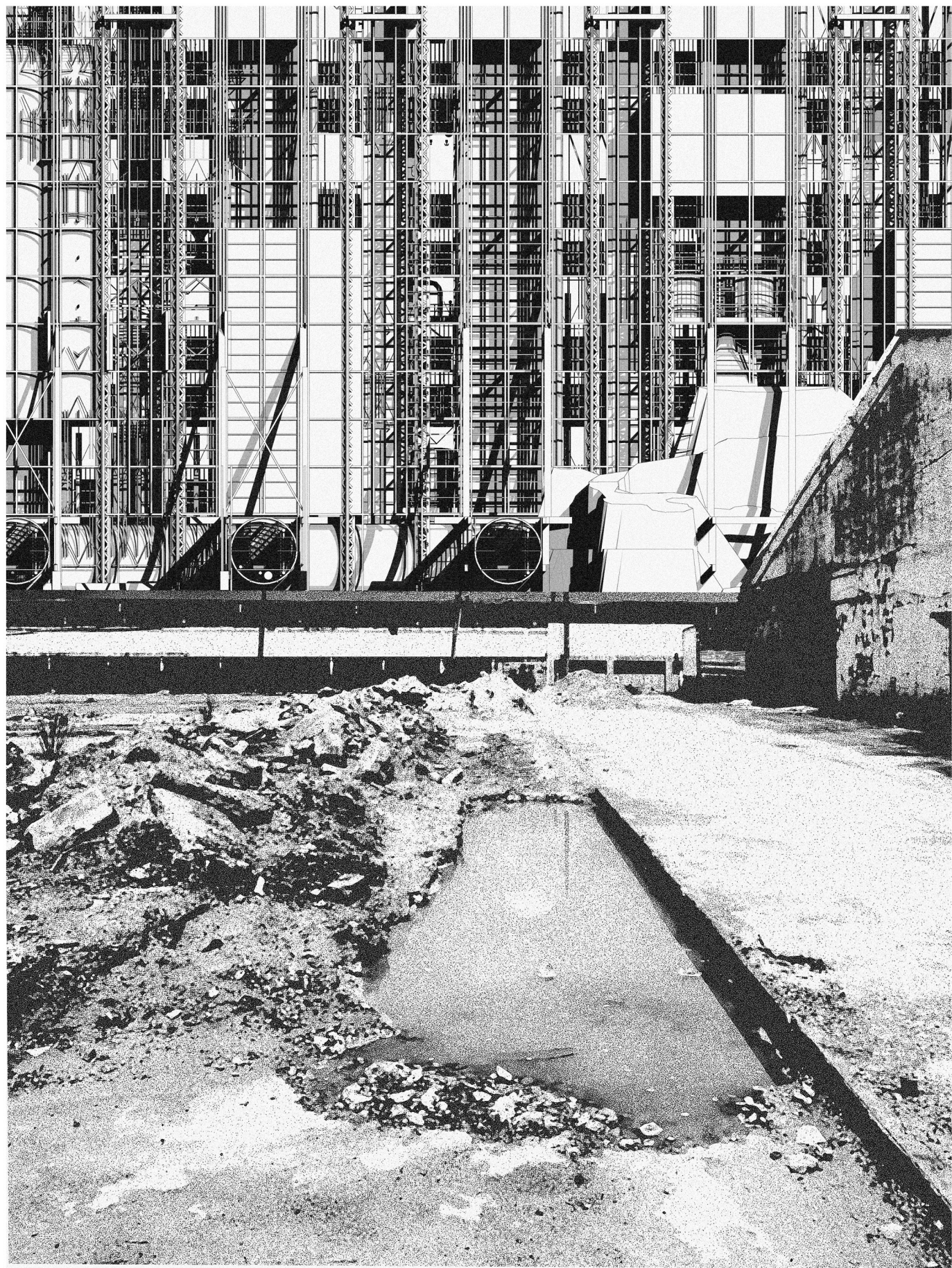




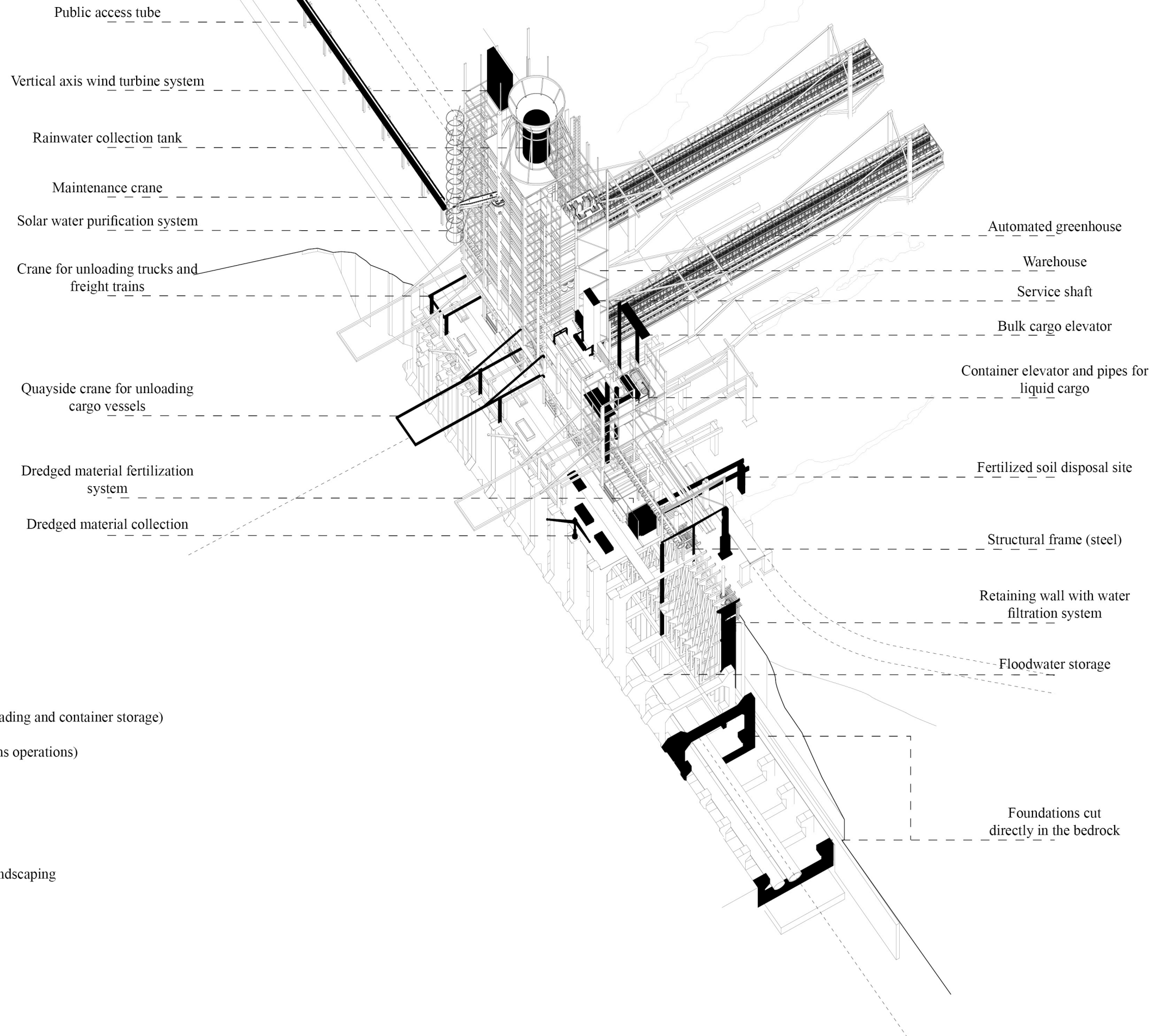








Architecture of Accumulation is an exploration of programmatic complexity and density



Public access tube

Vertical axis wind turbine system

Rainwater collection tank

Maintenance crane

Solar water purification system

Crane for unloading trucks and freight trains

Quayside crane for unloading cargo vessels

Dredged material fertilization system

Dredged material collection

Automated greenhouse

Warehouse

Service shaft

Bulk cargo elevator

Container elevator and pipes for liquid cargo

Fertilized soil disposal site

Structural frame (steel)

Retaining wall with water filtration system

Floodwater storage

Foundations cut directly in the bedrock

Logistic operations:

-Port operations (cargo ship unloading and container storage)

-Dry port (trucks and freight trains operations)

-Warehousing

Landscaping operations:

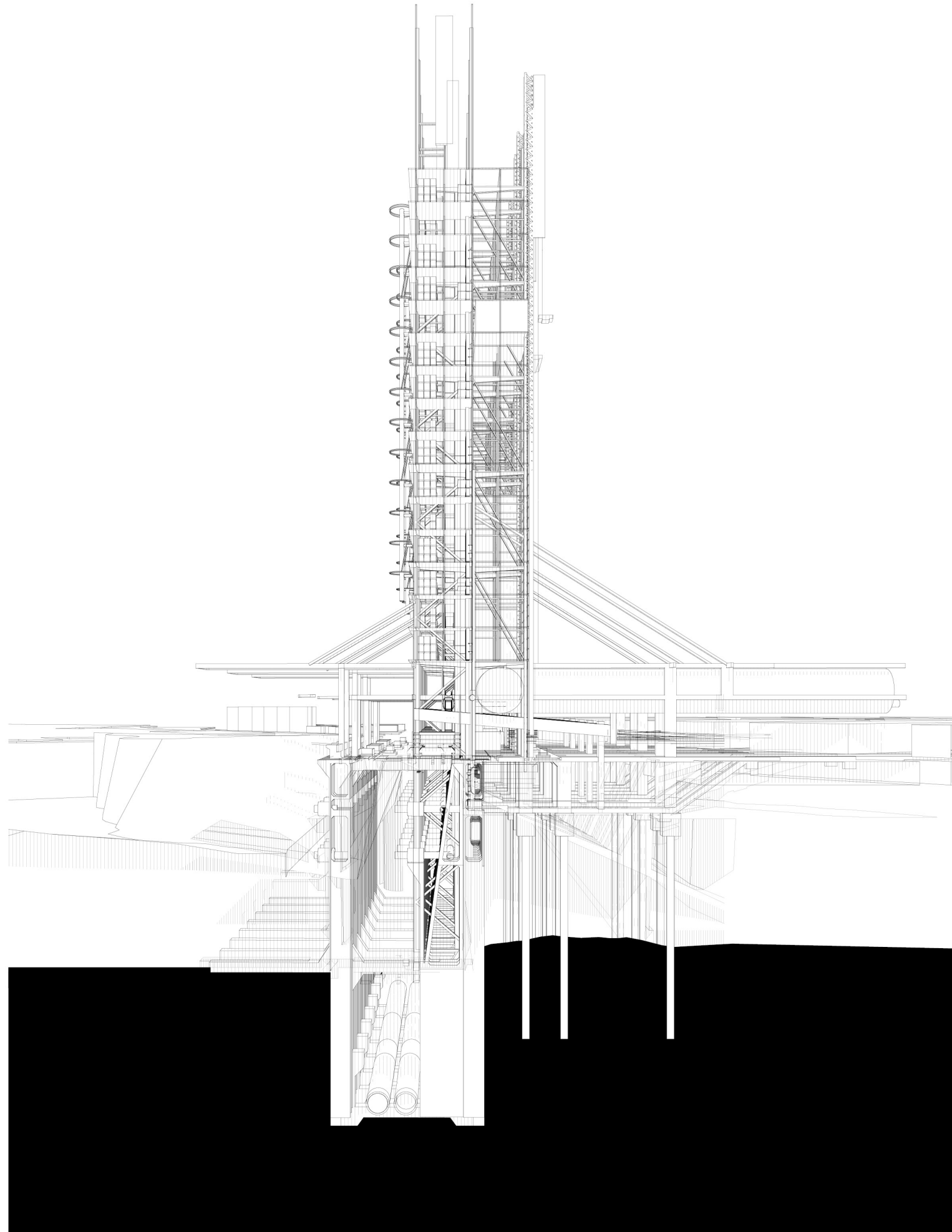
-Dredged soil fertilization and landscaping

-Floodwater storage

-Water purification

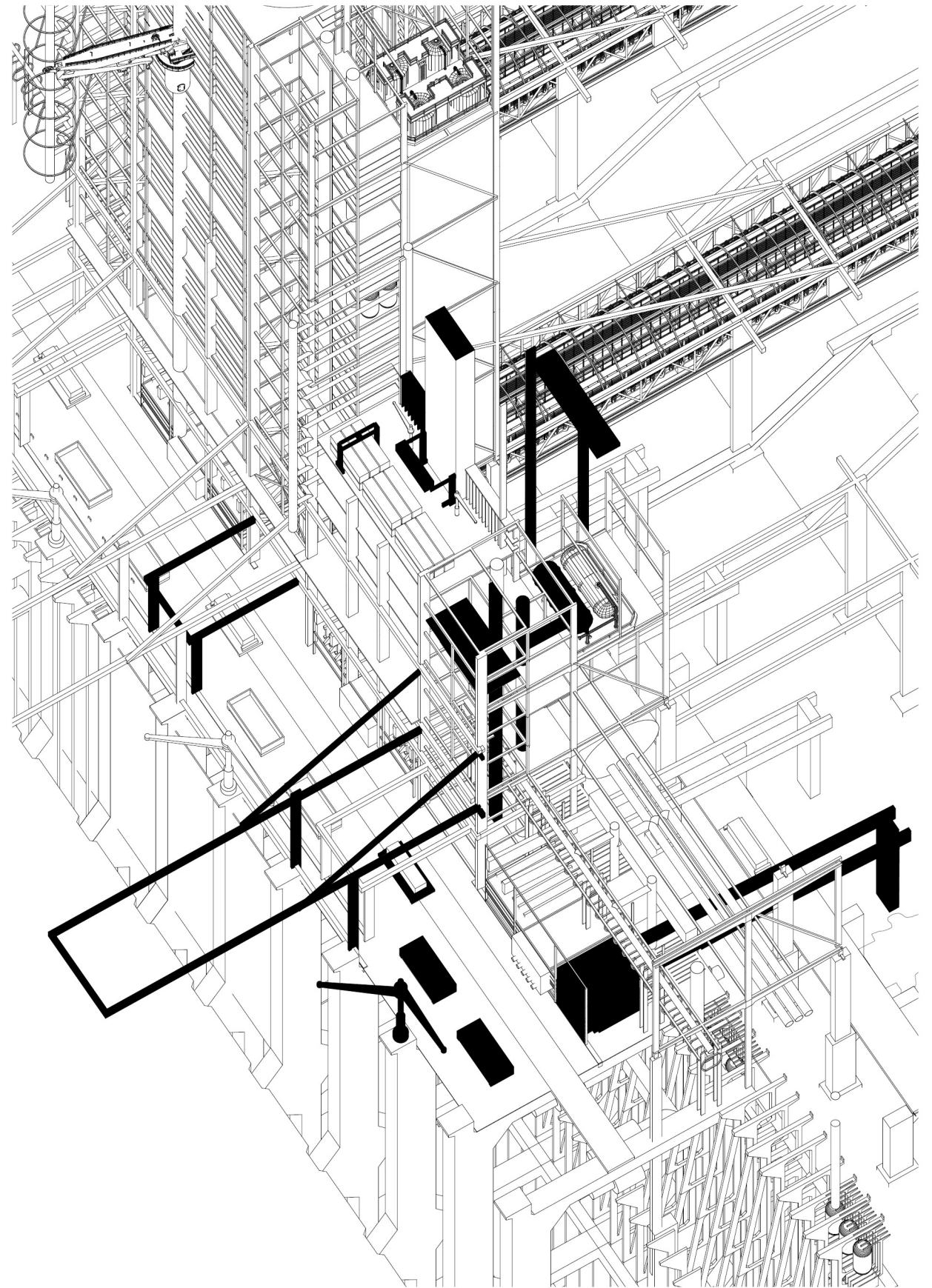
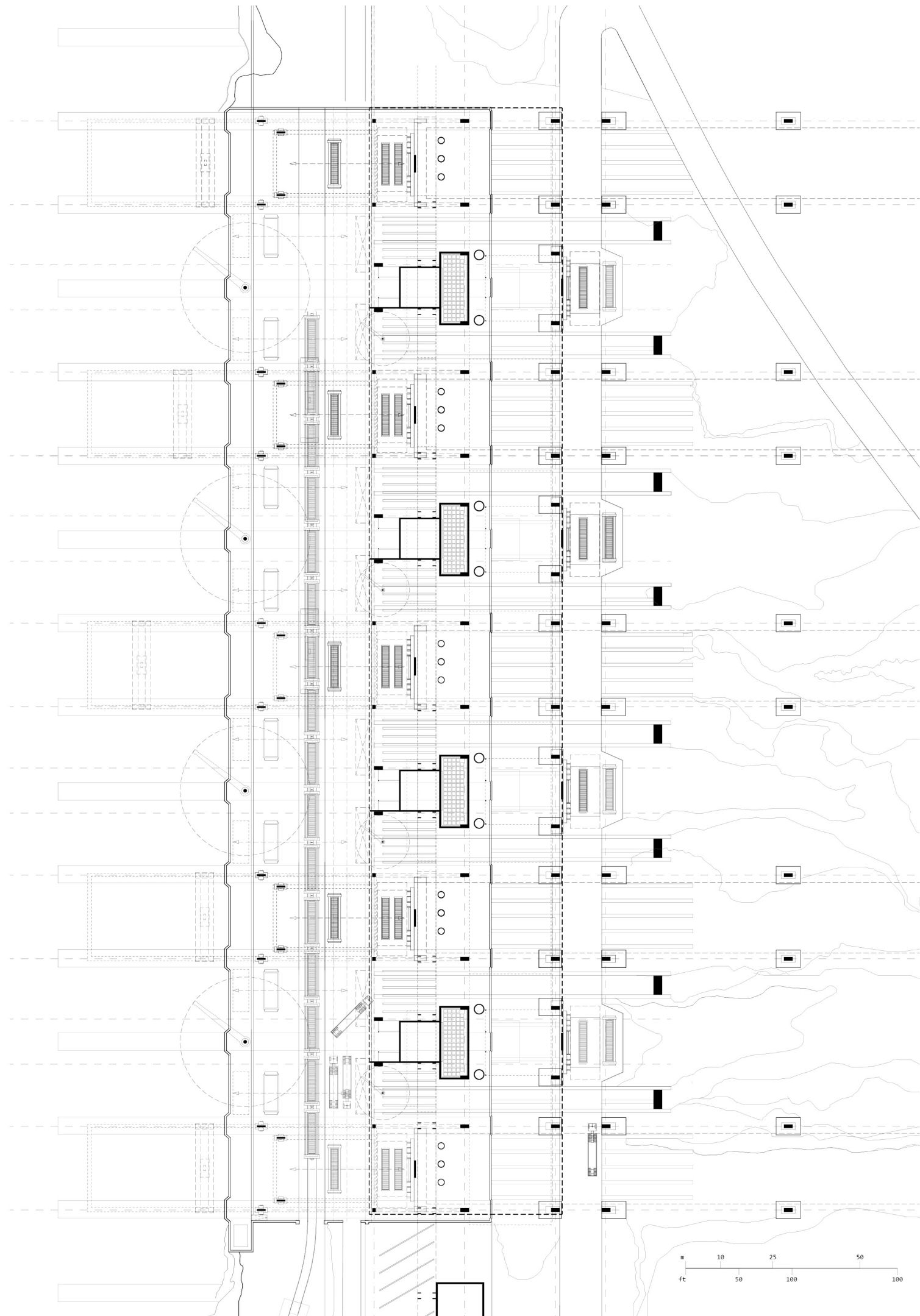
-Greenhouse plant production

port side

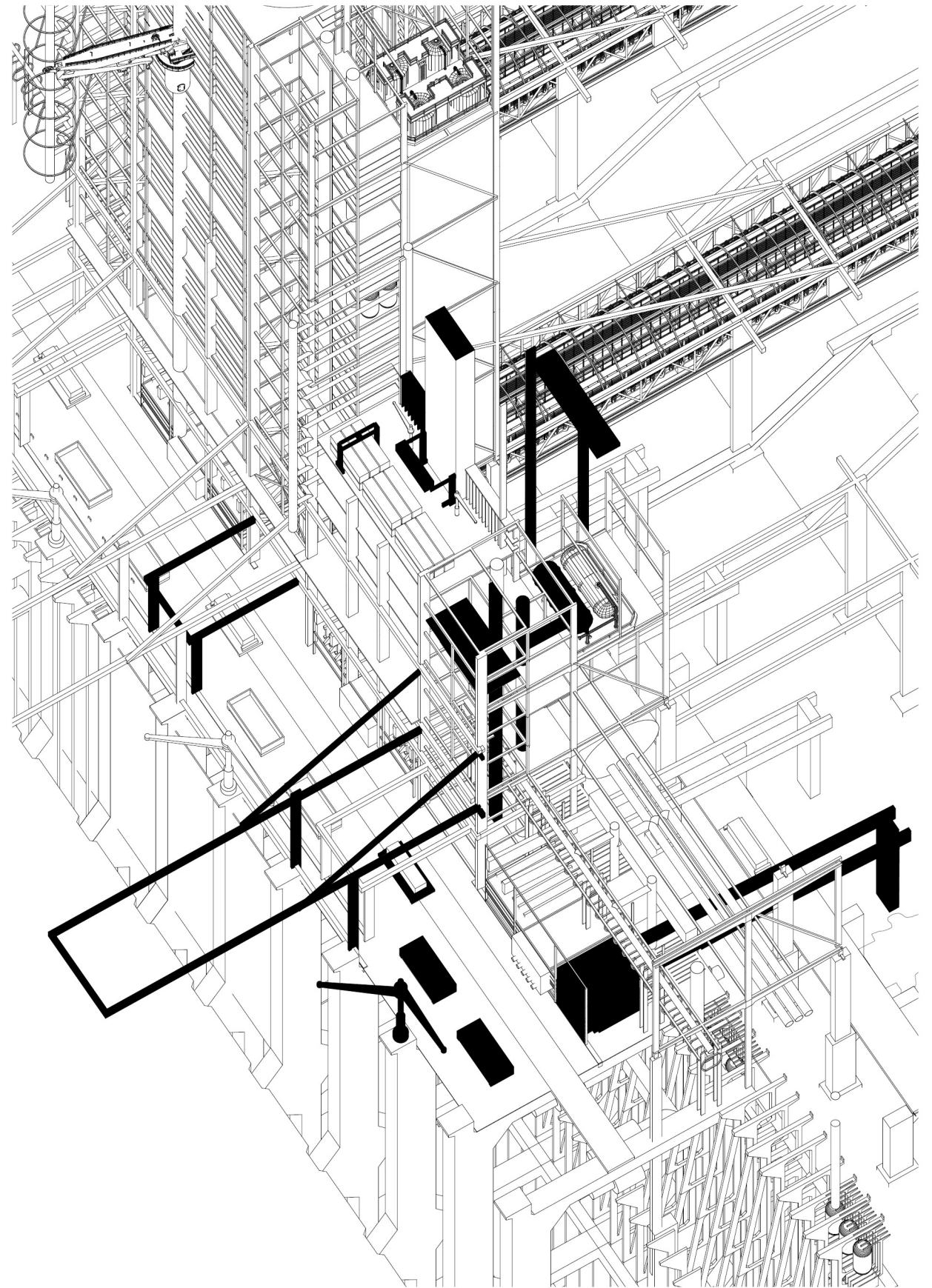
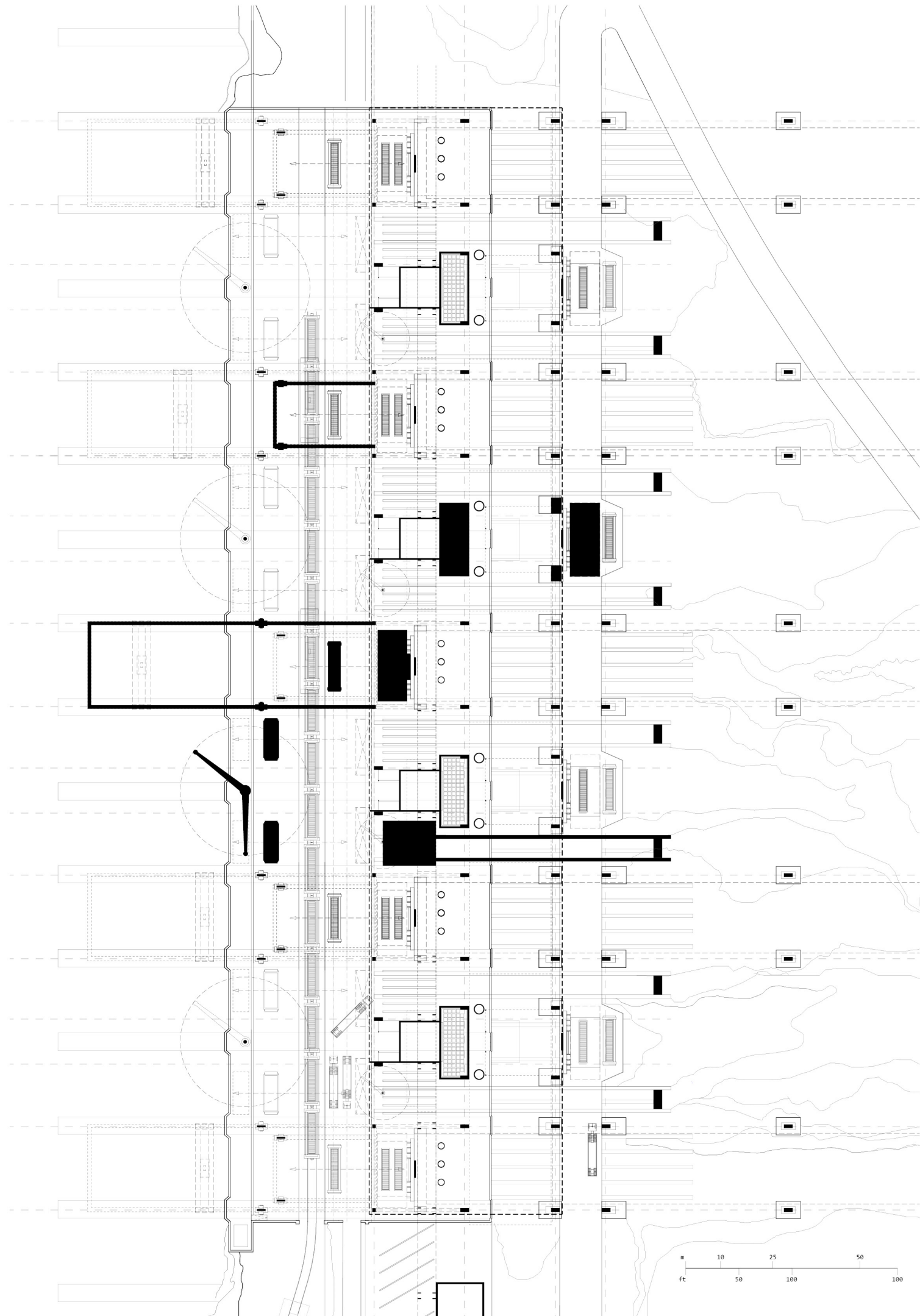


landscape side

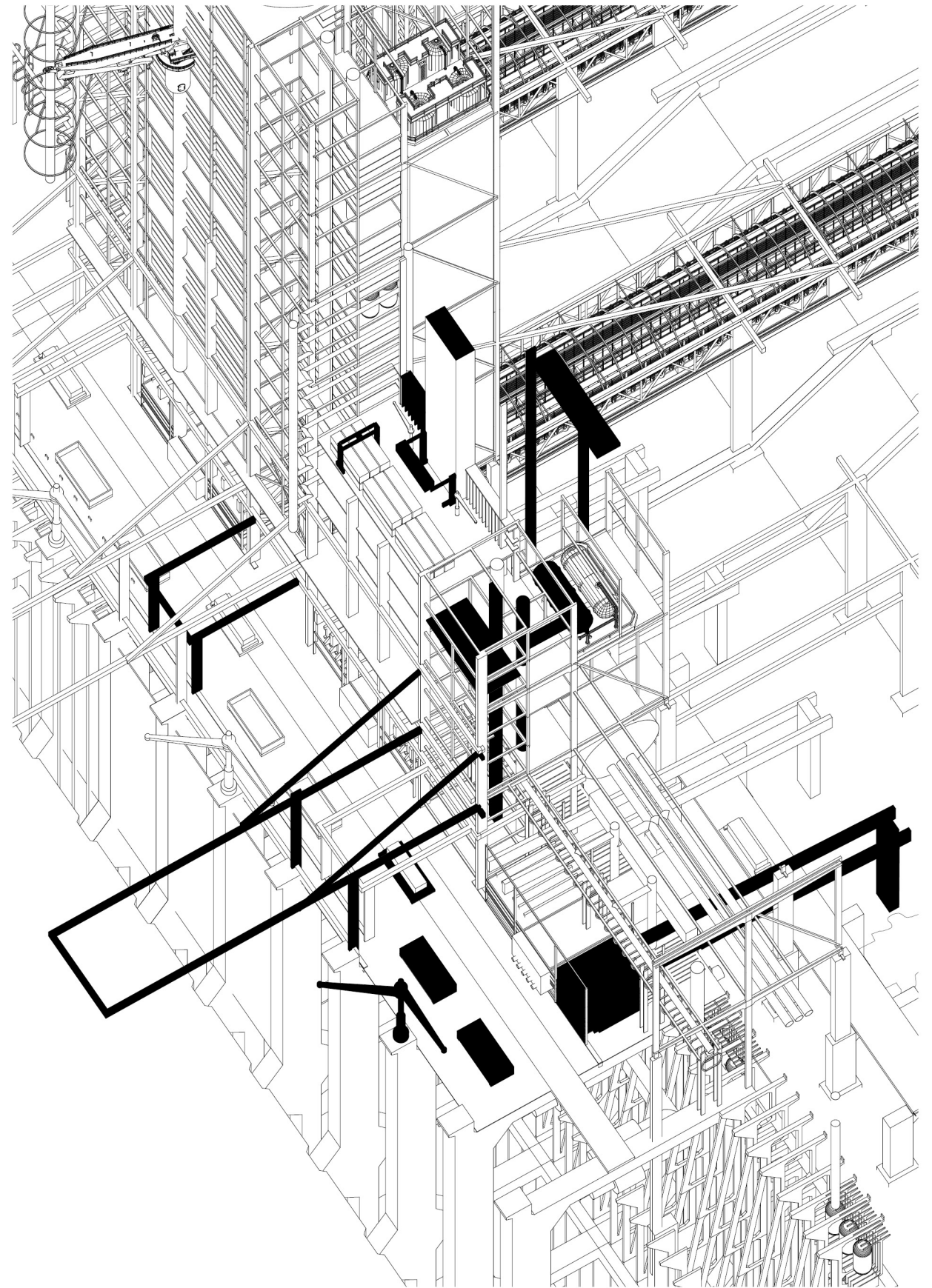
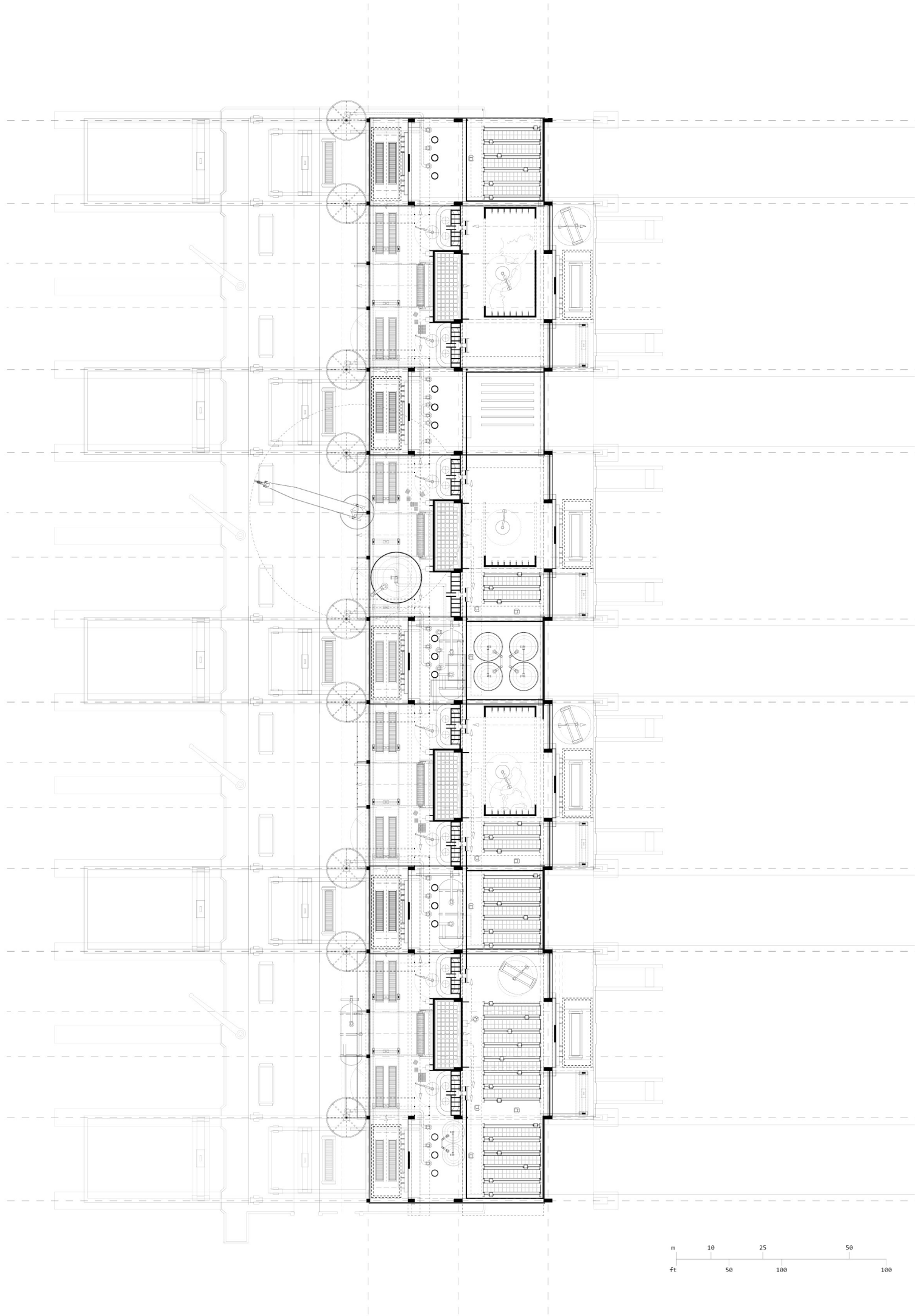


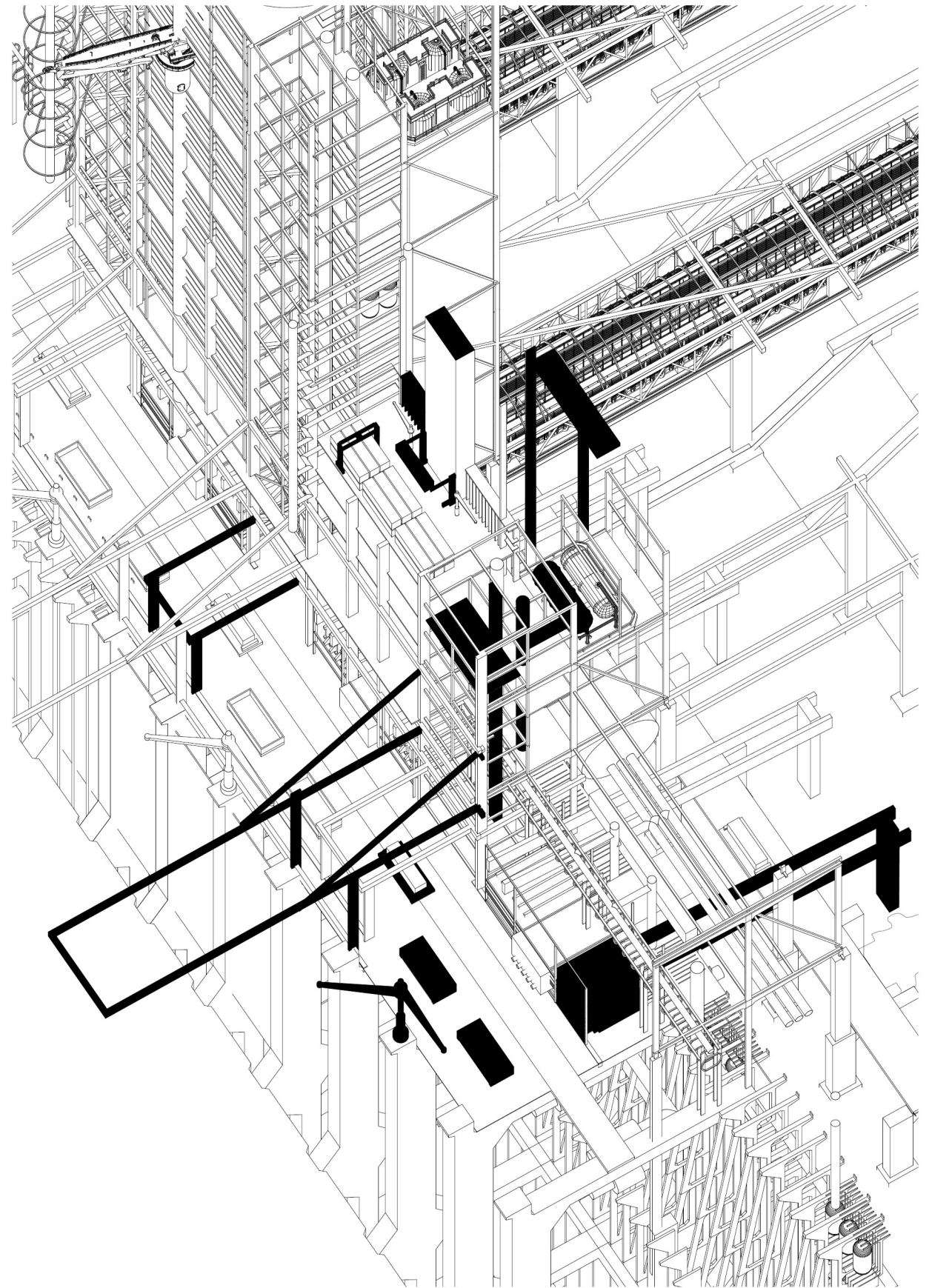
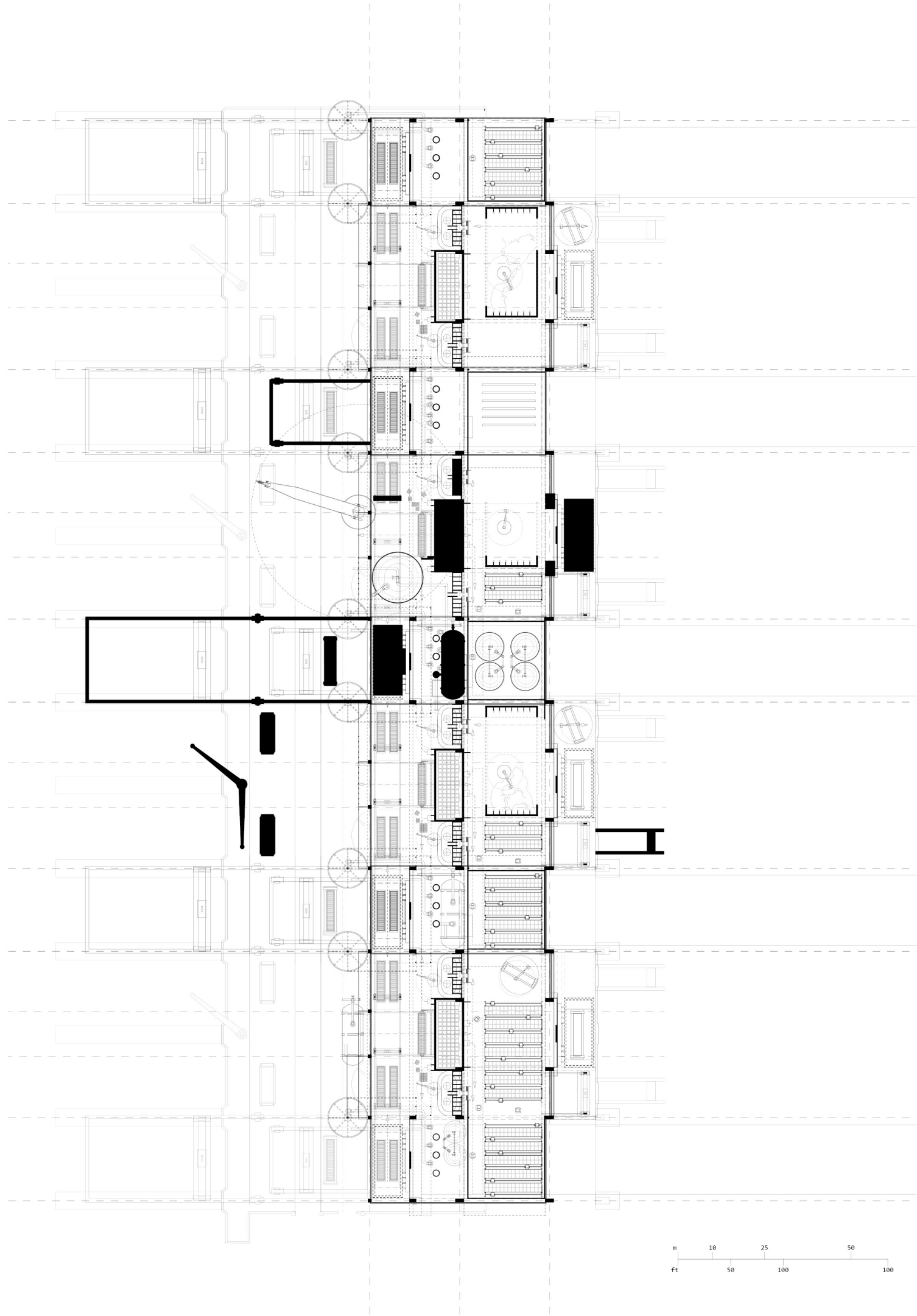












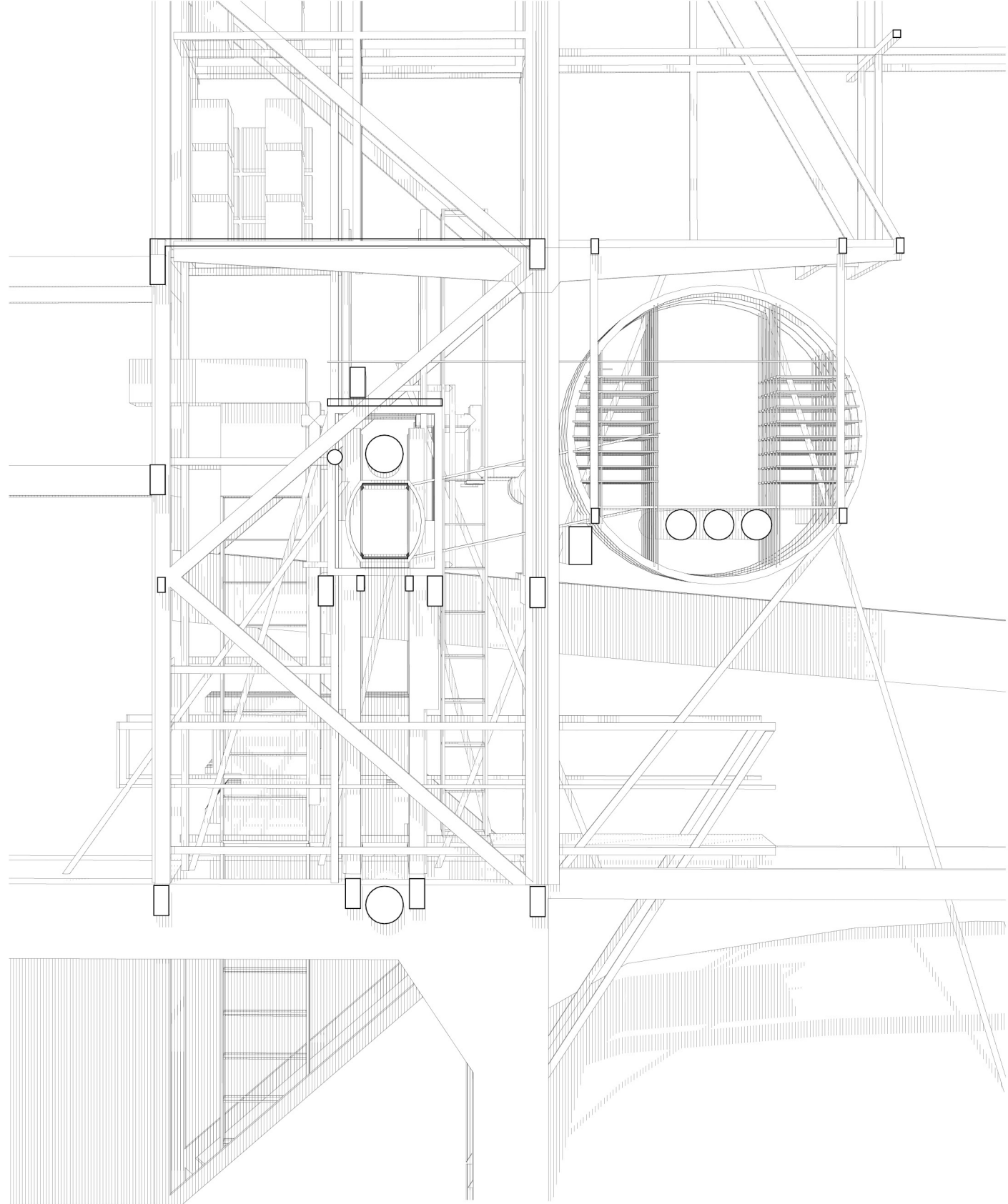




Architecture of Accumulation is adjusted to the scale of a container rather than a human body. Spaces for homo sapiens are carefully designated and limited

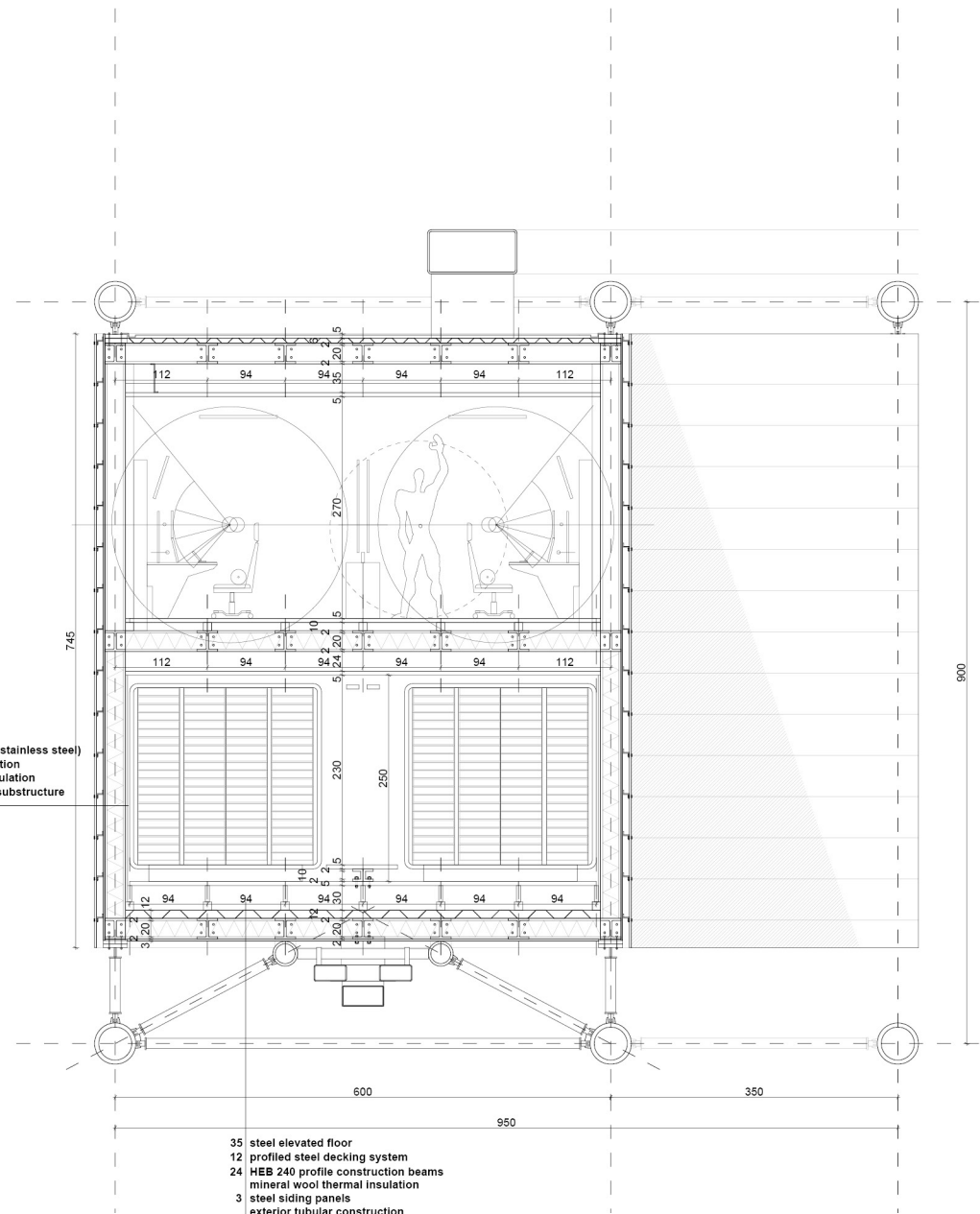




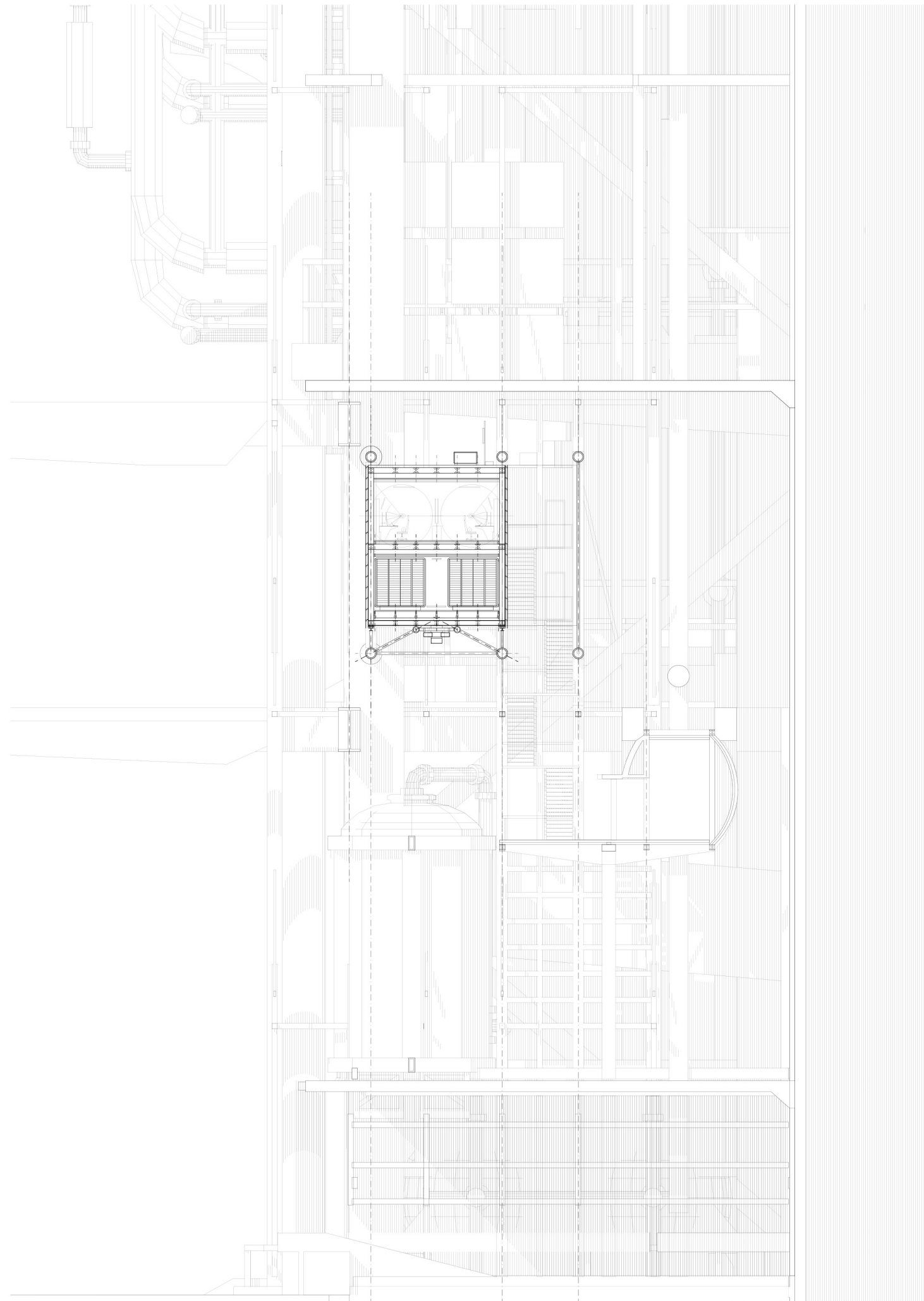




2 interior panels finishing (stainless steel)  
20 HEB 200 profile construction  
mineral wool thermal insulation  
8 steel siding panels on a substructure

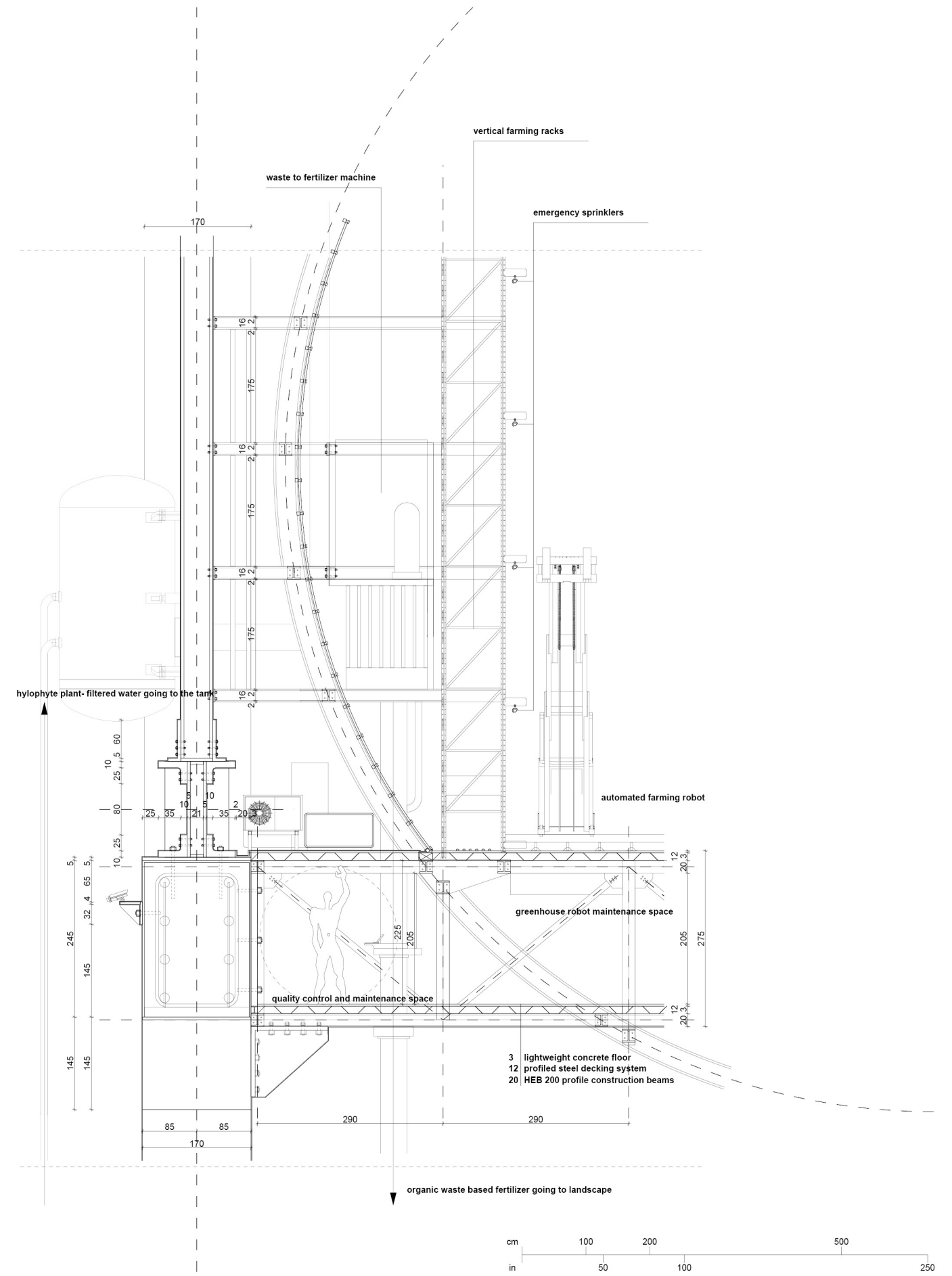


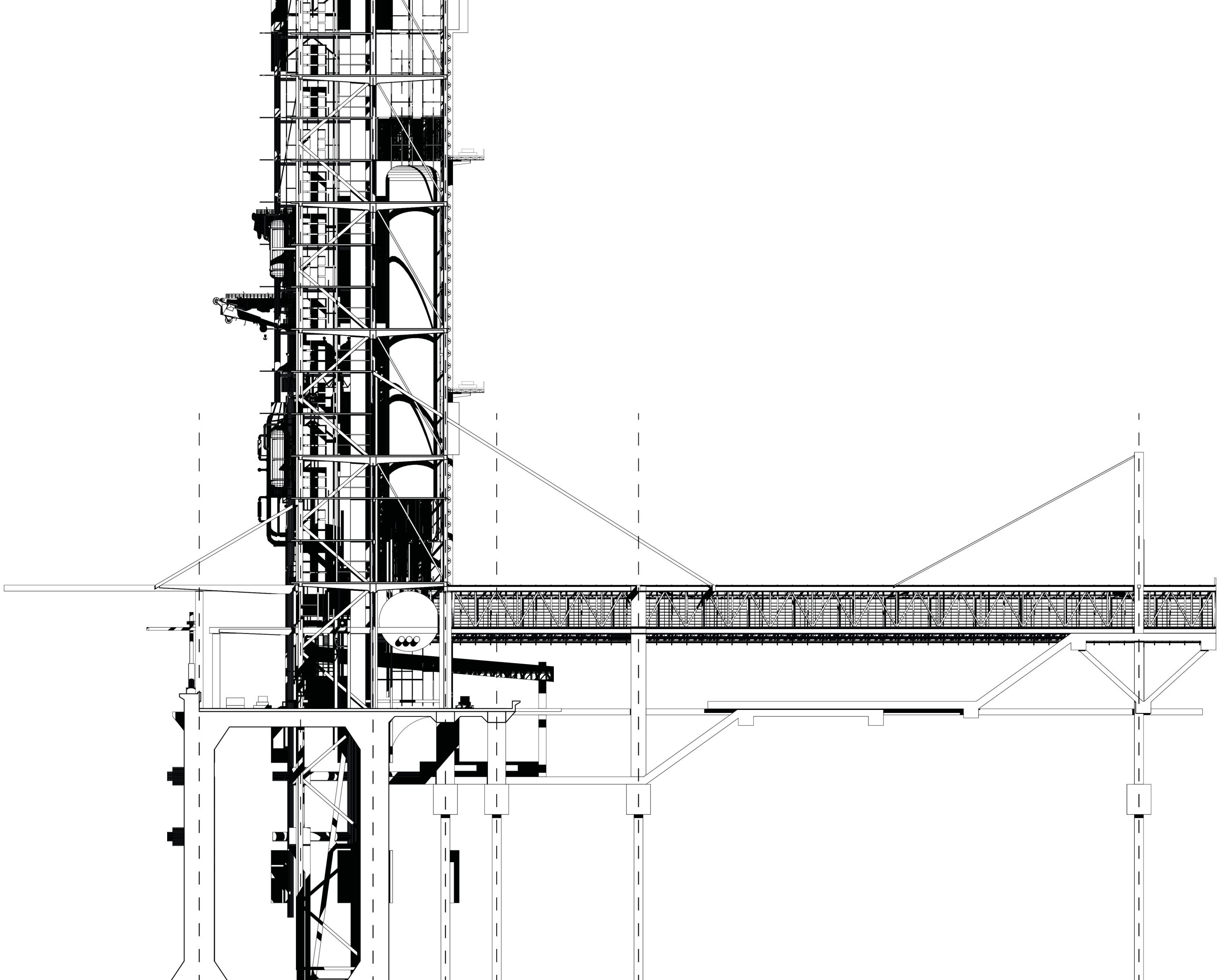
35 steel elevated floor  
12 profiled steel decking system  
24 HEB 240 profile construction beams  
mineral wool thermal insulation  
3 steel siding panels  
exterior tubular construction



Architecture of Accumulation is a mass of symbiotic and conflicting fragments







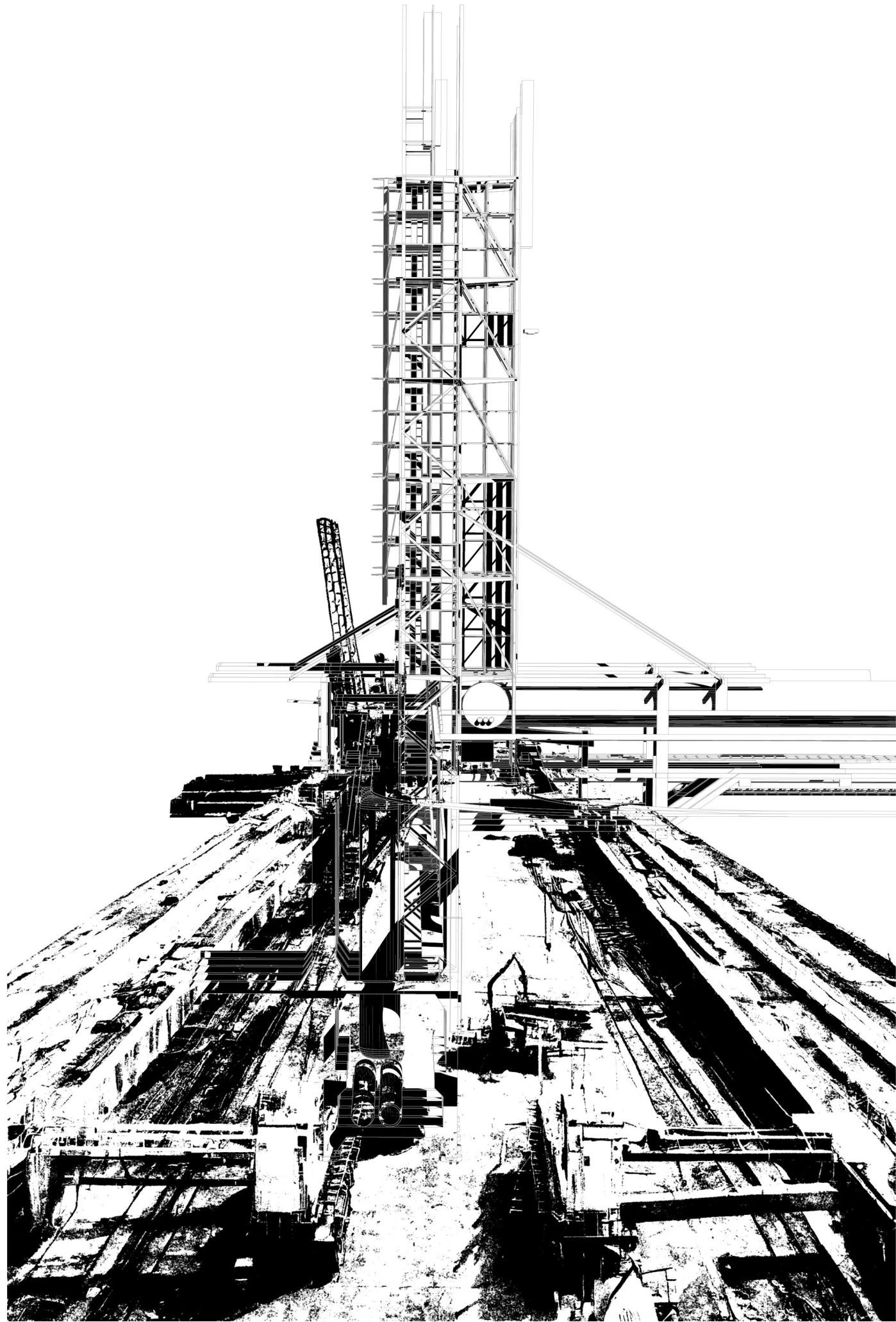




Architecture of Accumulation remains in a state of unfinishedness. By the time the last beam is produced, the first one will already rust. The structure, like a modern-day Ship of Theseus remains in constant change



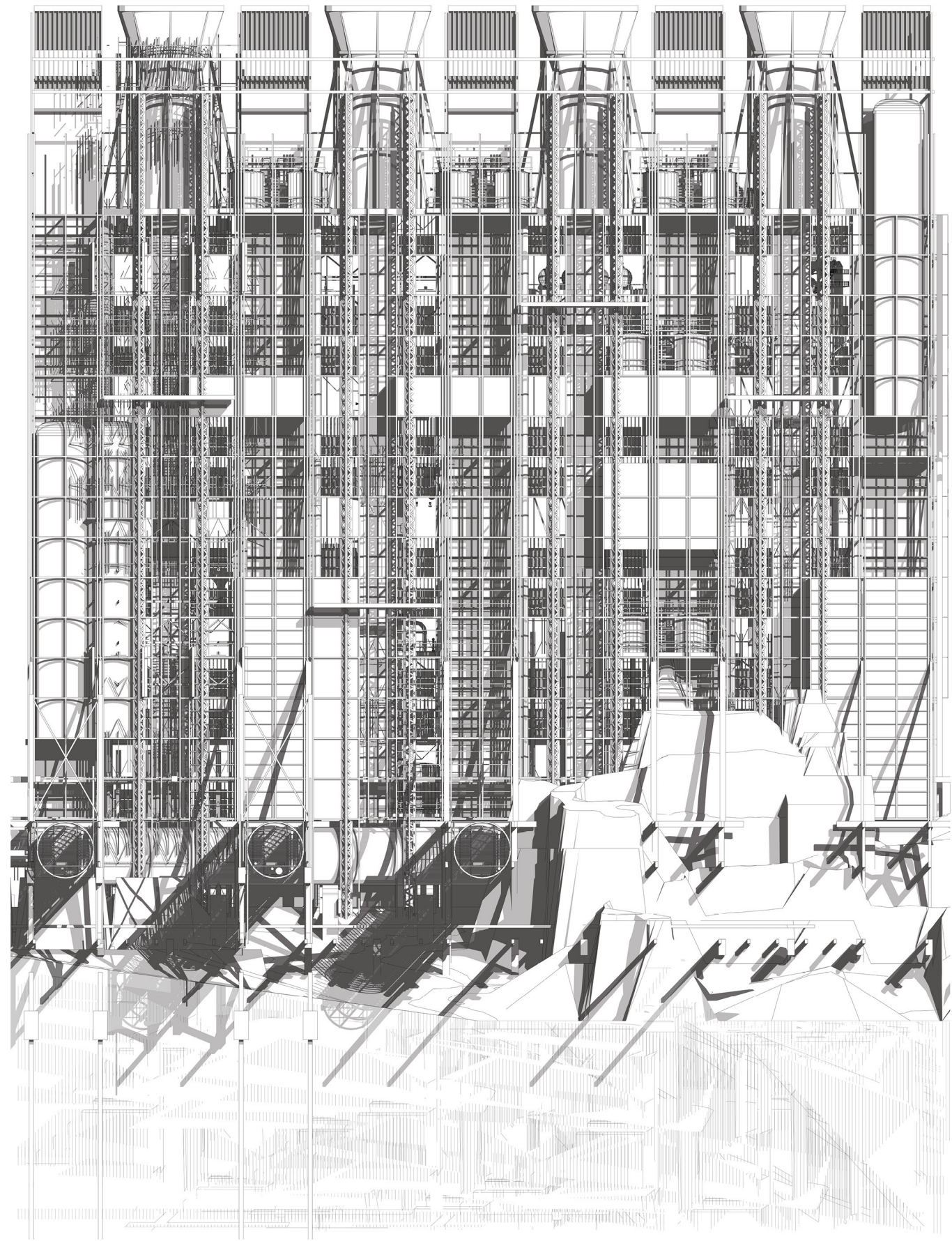
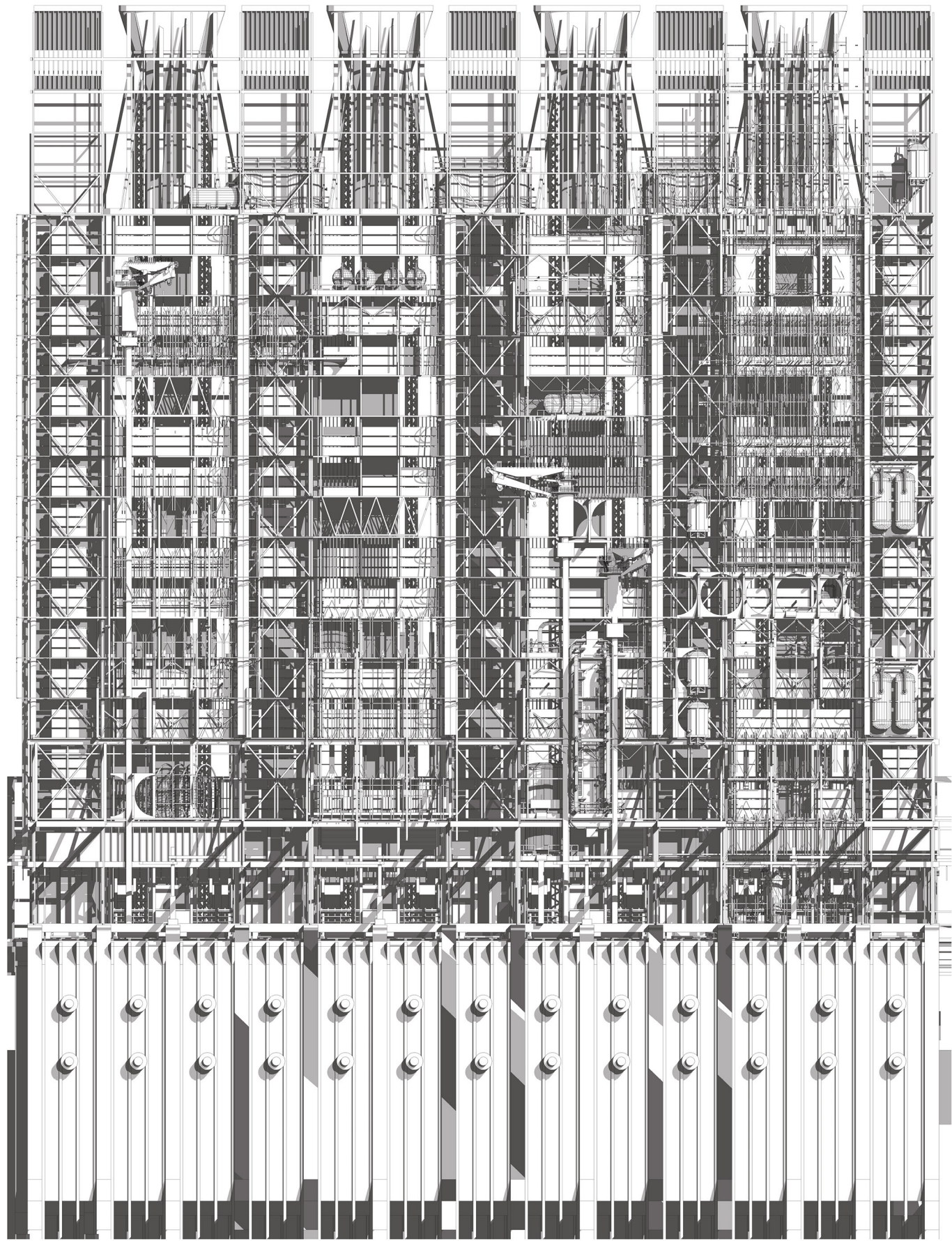




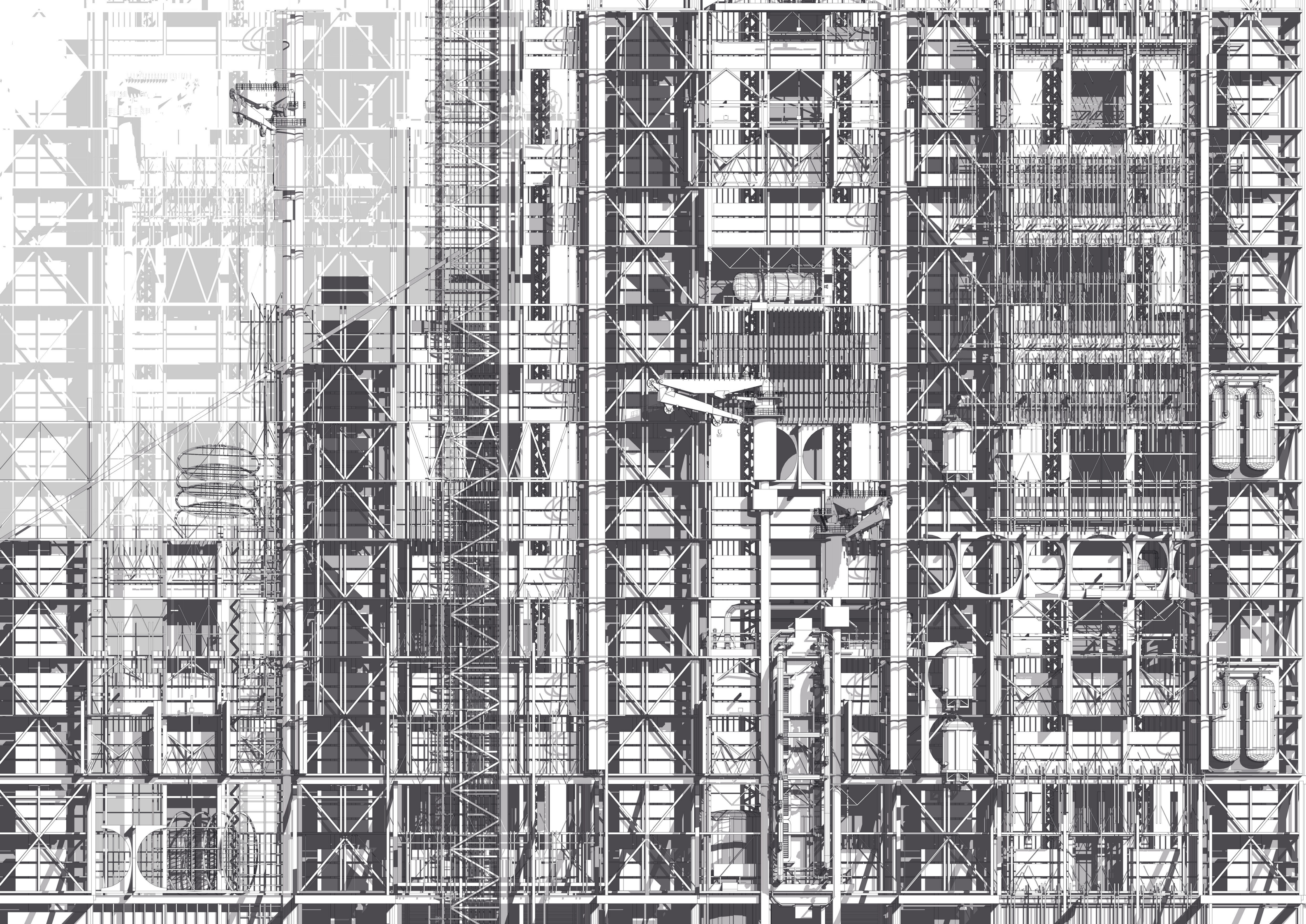


Architecture of Accumulation resists simple categorization. It is technocratic to the most radical extent, where paradoxically it transcends mere practicality and becomes an architectural landmark.















Architecture of Accumulation illuminates the condition of contemporary infrastructure and utilitarian landscapes, which evoke a feeling of sublime, almost forgotten within the architectural field





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Architecture of Accumulation is an exploration of programmatic complexity and density

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Architecture of Accumulation is a mass of symbiotic and conflicting fragments

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