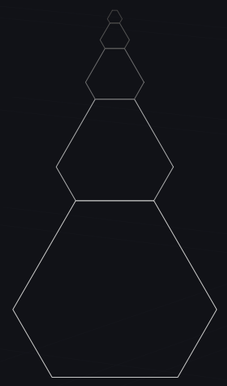
Conceptual

Diagramms



Levels of Scale & Entropy

Proportional scale



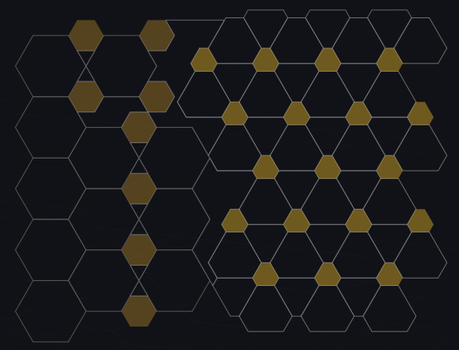
Connectivity



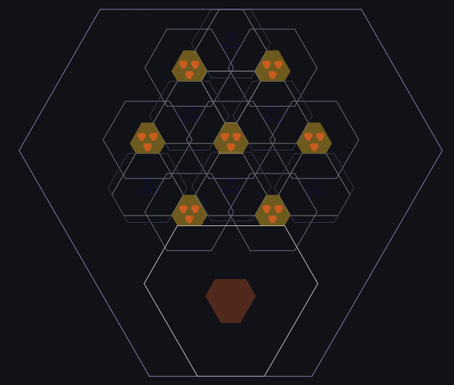


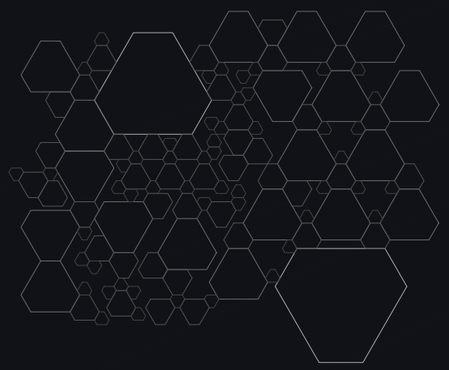
Central Place Theory

Connective Nodes & Pourosity



Continuous Macrostructure



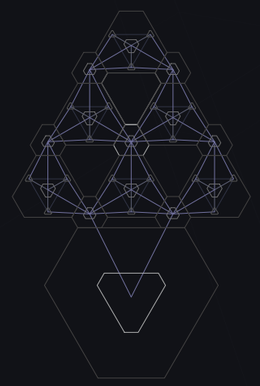


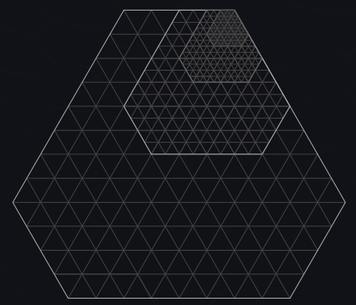
Connectivity & Positive Space

Complex Networks



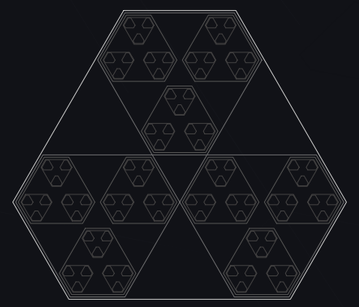
Multicentrality



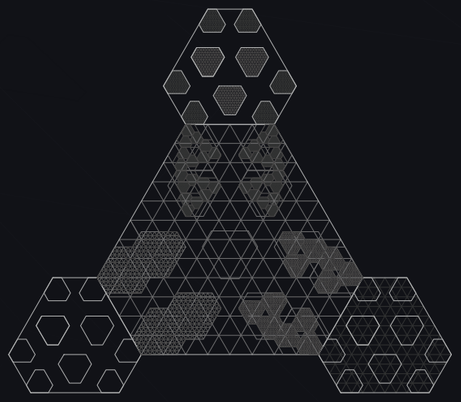


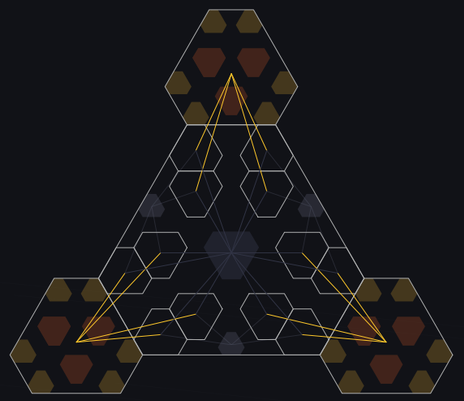
Scale & Resolution

Nested Entities

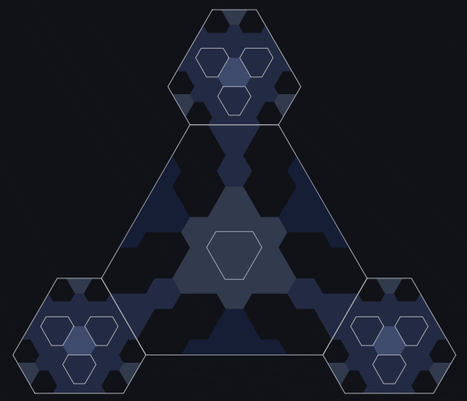


Nested Scales

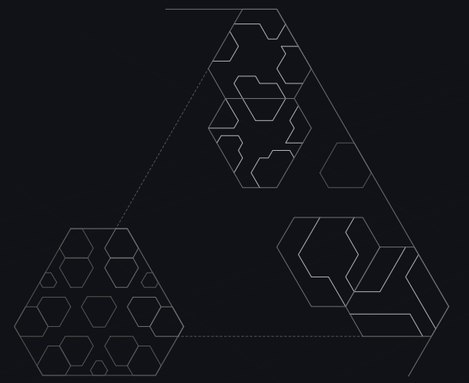




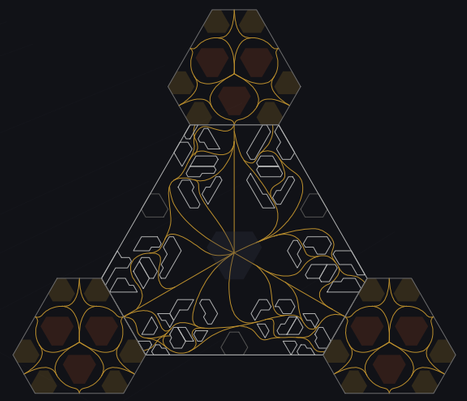
Local Centers of Attraction



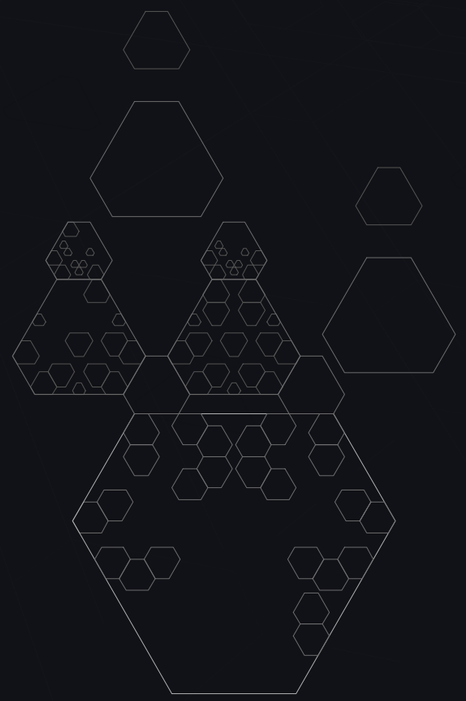
Zoning & Urban Seeding



Structured Entropy & Freedom to build



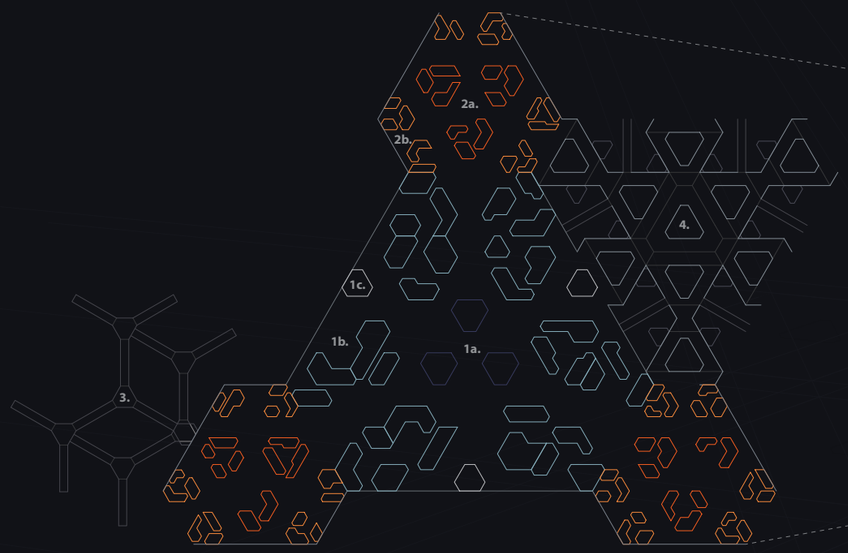
Circulation flow



Incremental Development

Plans

Programmatic Plan - 1:2500





Plan 1:1500

1a. - Nucleus (Community Hall).
1b. - Residential Clusters.
1c. - Builders Office.

2a. - Activity Node Center
Open Networking platform - Information, General Consultation & Referral.
Inter-Community Forum.
2b. - Activity Node - Peripheral programms
Commercial Spaces (Retail, Services, Offices), Gastronomy & Leasure,
Open venue spaces, Public facilities (Media cntrs, Networking, workspaces),
Open Learning Facilities (Higher education & peer-to-peer learning platforms),
Stalls & Activism,
Open Venue Space.

3 - Peripheral Access Stairs.
Level 1 & 2 connection
Ground connection.

4 - Green Void
Access - Rams & Elevators.
Vertical Farming, Circulation space, Leasure.\
Natural ventilation & Air regeneration.

Zoning Plan - 1:2500

1a. Central Platform Public Services
- Central Community Hall (political center).
- Public offices - Administrative (Finance, Education, Healthcare).
- Political center - External relations.
- Activist & open venue space.
- Builder center.

1b. Central Platform Periphery
- Marketplace - Large-scale Retail & services.
- Gastronomy & Leasure.

1c. Central Platform Periphery
- Networking & Exchange Centers
- Information & Consultation Offives
- Open Learning Groups of interest

2a. Community Center (Nucleus)

2b. Central Community Space
- Public Facilities
- Leasure / Recreational
- Activism / Events

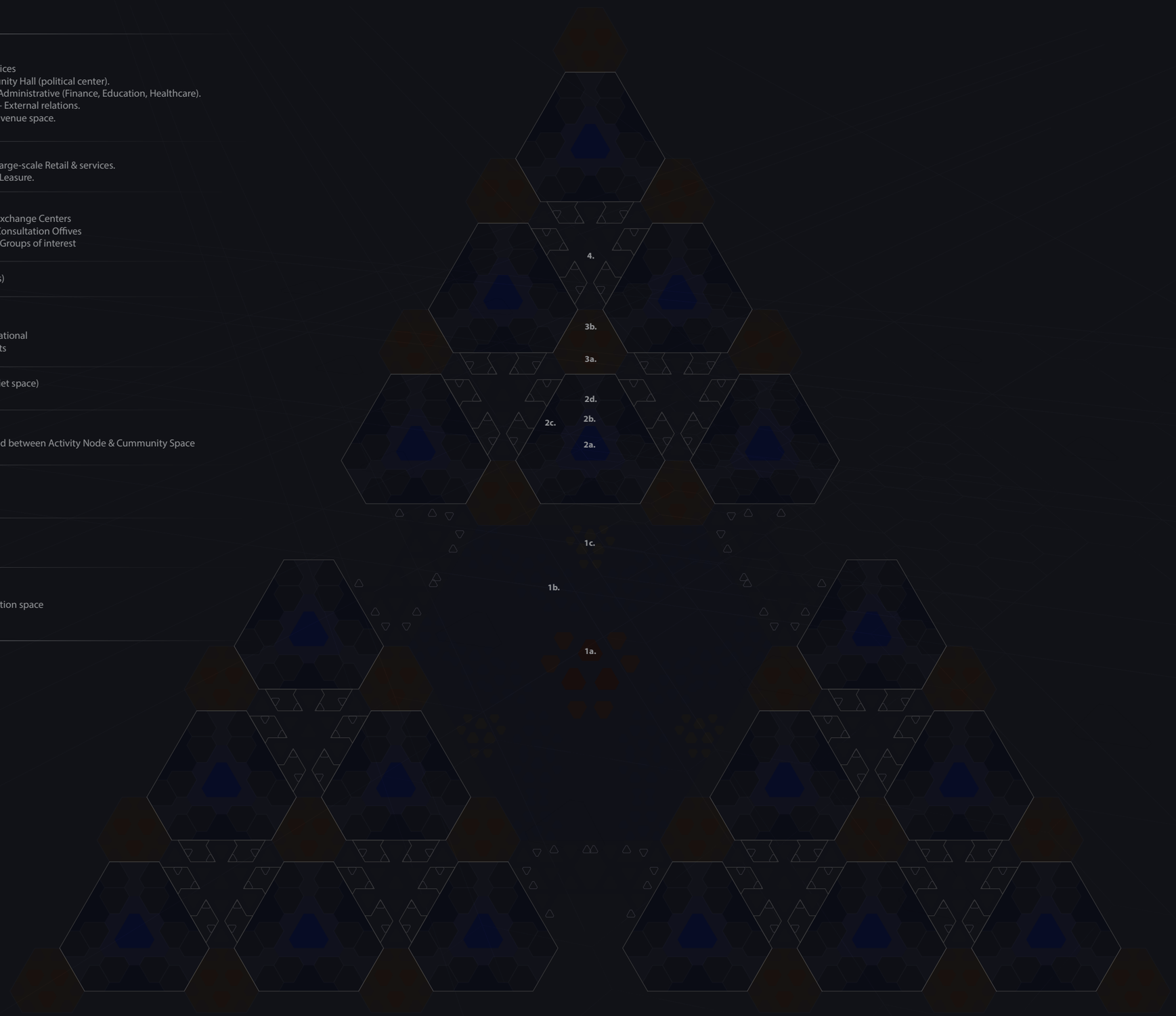
2c. Cluster Common Space (Quiet space)

2d. Buffer & Circulation Space
- Spatial threshold between Activity Node & Cummunity Space

3a. Activity Node Centers

3b. Activity Node Public Space

4. Green Void Walkways
- Public & Circulation space



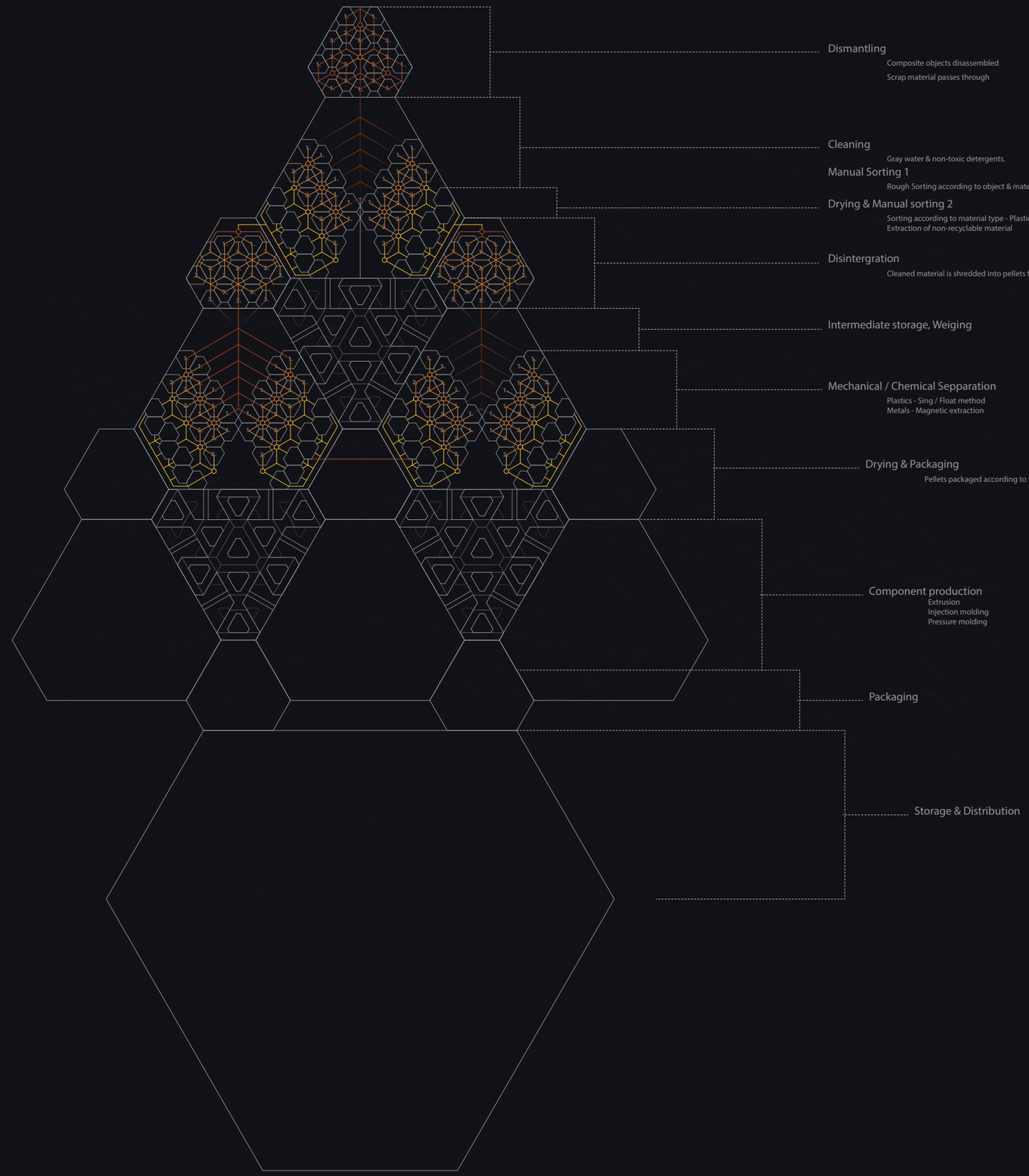
Structural Plan - Level 1 (Recycling Facilities) - 1:2500



Structural Plan - Ground level - 1:2500



Level 1 - Recycling Facilities 1:2000



Dismantling
Composite objects disassembled
Scrap material passes through

Cleaning
Gray water & non-toxic detergents.

Manual Sorting 1
Rough Sorting according to object & material type

Drying & Manual sorting 2
Sorting according to material type - Plastic & Paper / Metal & glass
Extraction of non-recyclable material

Disintergration
Cleaned material is shredded into pellets for further processing

Intermediate storage, Weiging

Mechanical / Chemical Sepparation
Plastics - Sing / Float method
Metals - Magnetic extraction

Drying & Packaging
Pellets packaged according to type, grade & colour

Component production
Extrusion
Injection molding
Pressure molding

Packaging

Storage & Distribution