



AOTEAROA TACTICAL PLAN



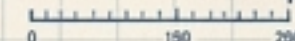
SOLAR ARRAY (ACTIVE)

BIOMIMETIC ARCHITECTURE

URBAN FOREST CANOPY

GEOTHERMAL ENERGY HUB

SUSTAINABLE TRANSPORT GRID

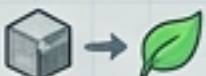


Neo-Aotearoa: The Solarpunk Master Plan

Subject: Aotearoa Planning Bill 2025

100% COMPLETE ✓

Status: Upgrading from Grey Inertia



Objective: Green Resilience



Kia ora!



Welcome to the tactical briefing for our motu's new operating system. We're ditching the grey inertia and engineering a living habitat. 🙌

PROJECT: NEO-AOTEAROA PLAN

DATE: 2025-10-26

DRAWN BY: STRATEGIC DESIGN UNIT

APPROVED FOR GREEN FUTURE

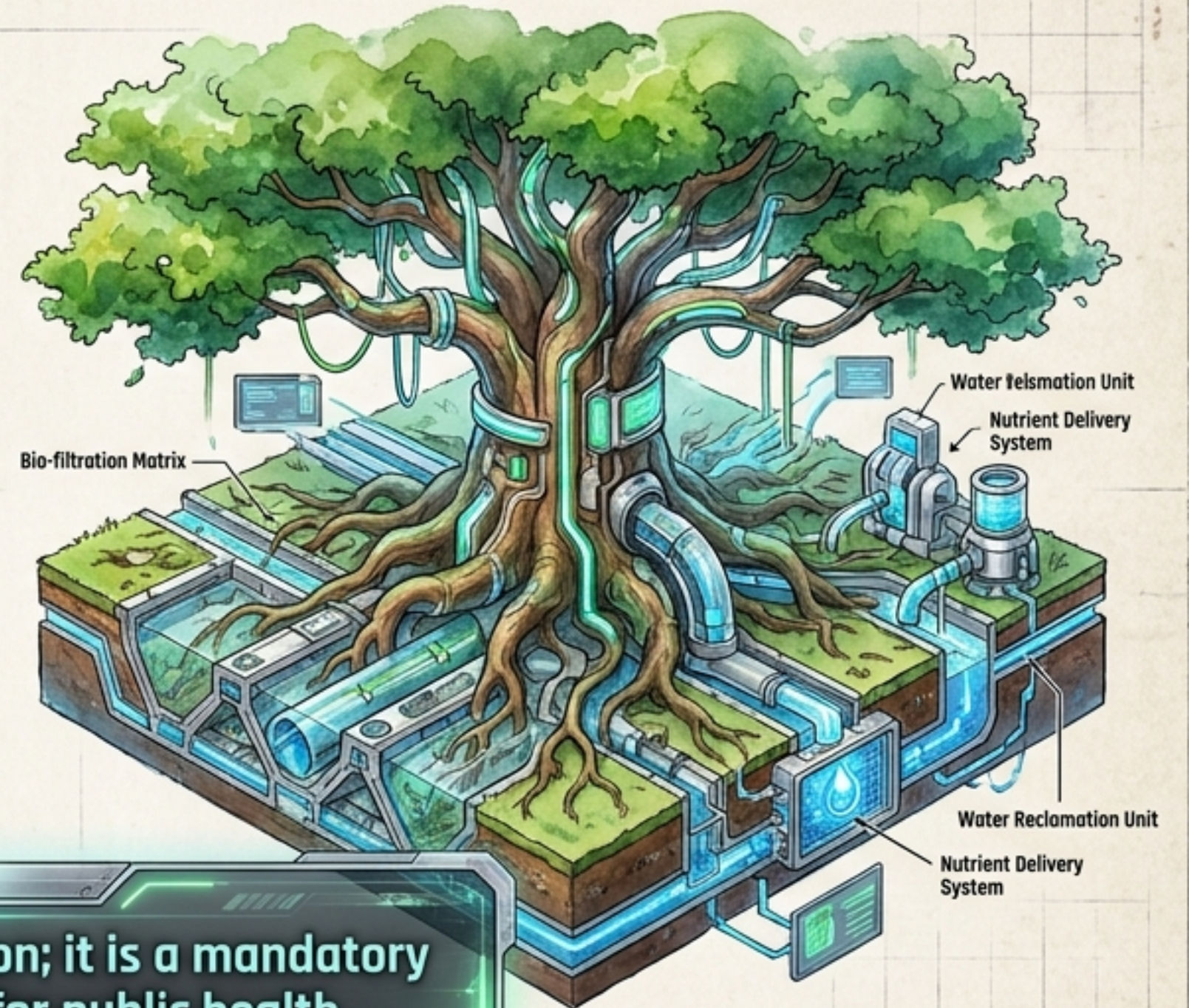
Aesthetic Luxury (Grey Inertia)

Depreciating Concrete Streetscape - Heat, Decline, Isolation



Green Utility (Nutritional Requirement)

Integrated Mecha-Biological Grid - Growth, Filtration, Vitality



SYNTHESIS

Nature is no longer decoration; it is a mandatory nutritional requirement for public health.

- Hard yakka for sweet as results: We treat biological systems with the exact same engineering rigor as our sewage or power grids.

Booting Up the Green Infrastructure Algorithm



3 Visible Trees

Mental micro-restoration. Every resident must see at least three mature trees from their window.



30% Canopy Cover

Thermal buffering. Mandated neighborhood canopy to kill the Urban Heat Island effect.



300m Anchor Point

Barrier-free access. Every citizen within a 300m as-walked physical path to a high-quality green space.

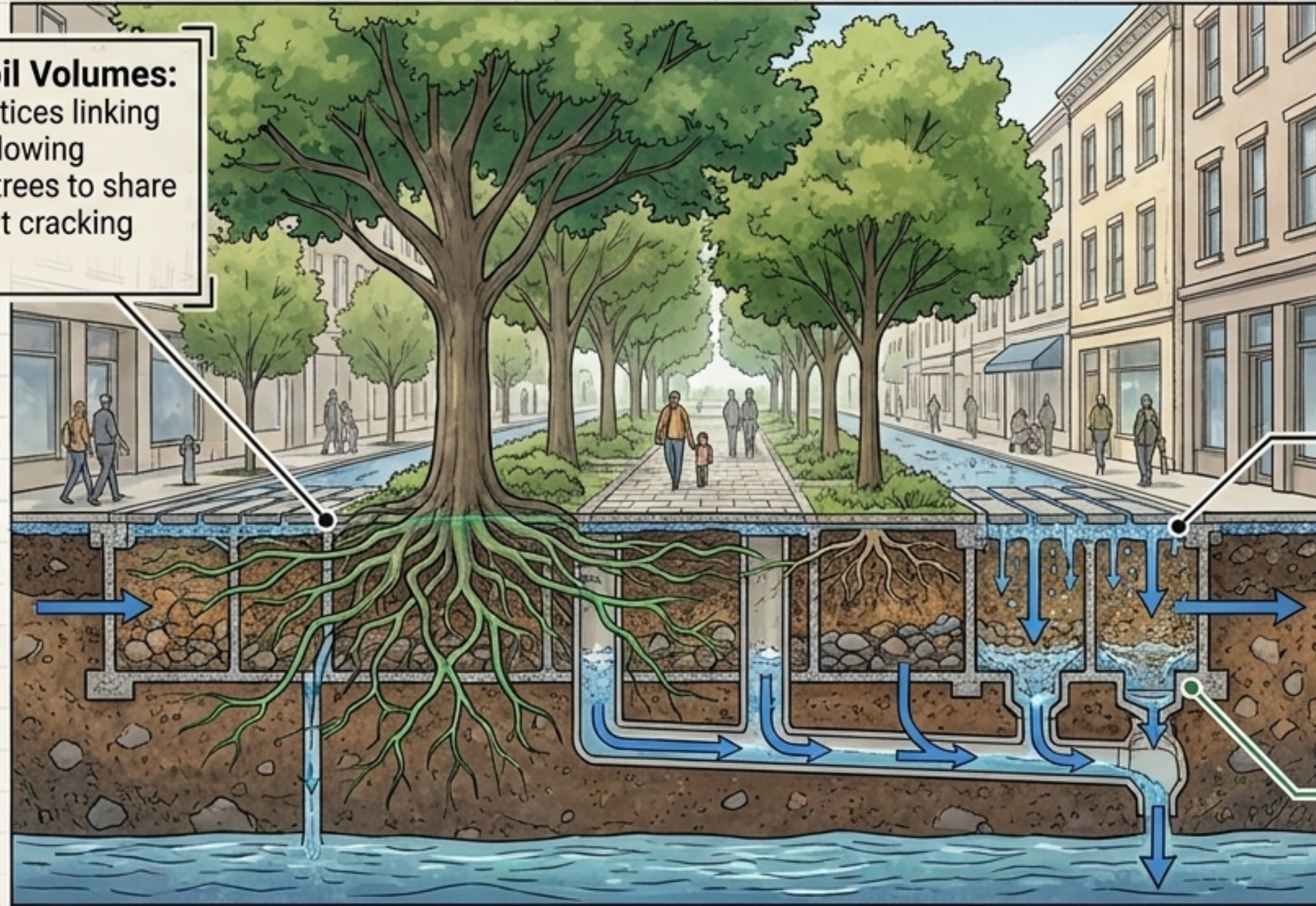
Engineering the Underground Sponge City Engine

Connected Soil Volumes:
Underground lattices linking root systems, allowing massive shade trees to share nutrients without cracking pavement.

Sponge City Tech:
Rainwater passively filtering through permeable pavers into the aquifer.

HIGH-PRIORITY:

Data Readout:
Yields up to 50% CAPEX savings on traditional depreciating concrete pipes and pumps.

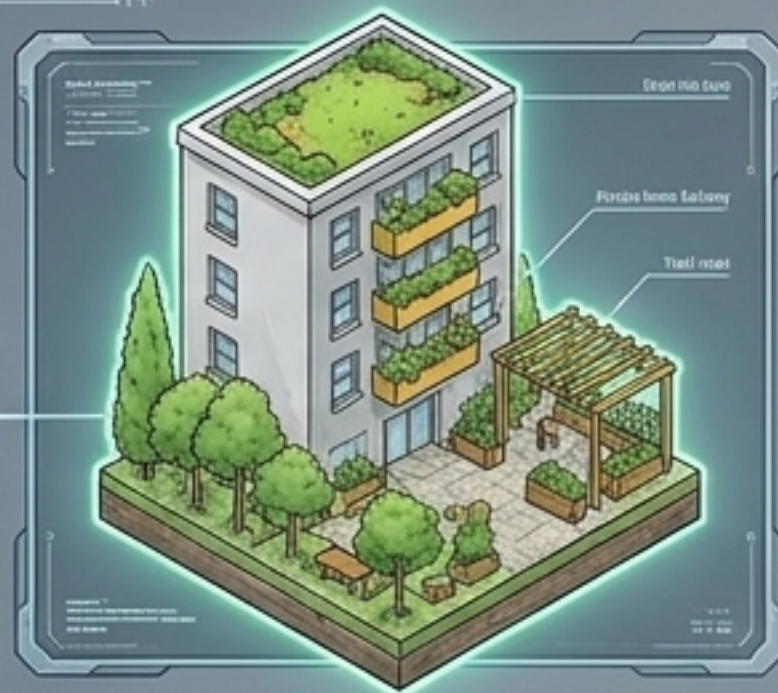


The Green Utility Typology Loadout



Aotearoa
Standardised
Zones Protocol

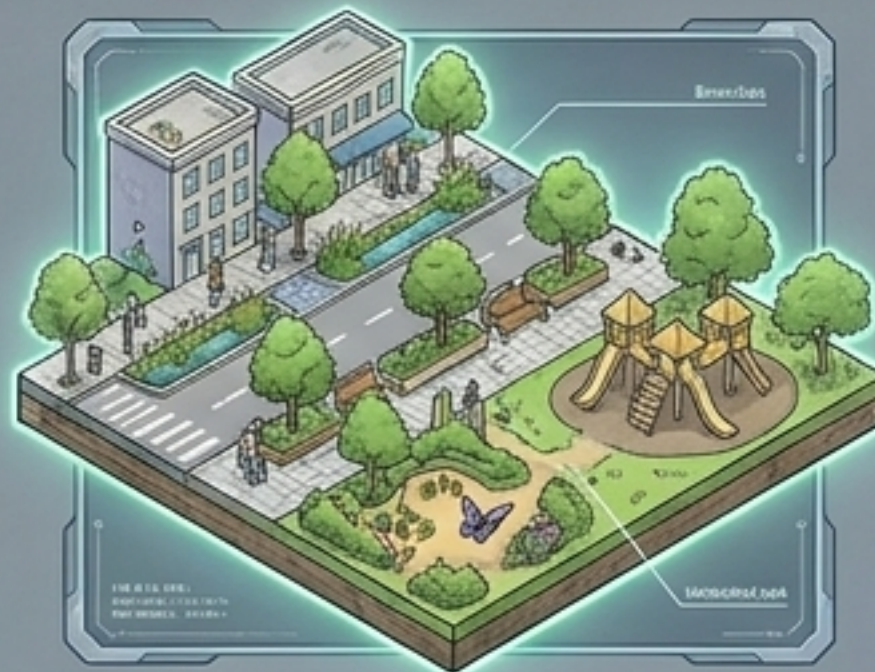
Small (S) - The Green Heart



Micro-interventions. Shared courtyards, balconies, green roofs.

Function: Localized Sponge City hub & social friction.

Medium (M) - The Walkable Anchor



0.5 to 1.0 hectares. Anchor parks, rain gardens, butterfly gardens.

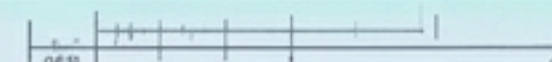
Function: The 300m accessible neighborhood anchor.

Large (L) - The Hazard Corridor

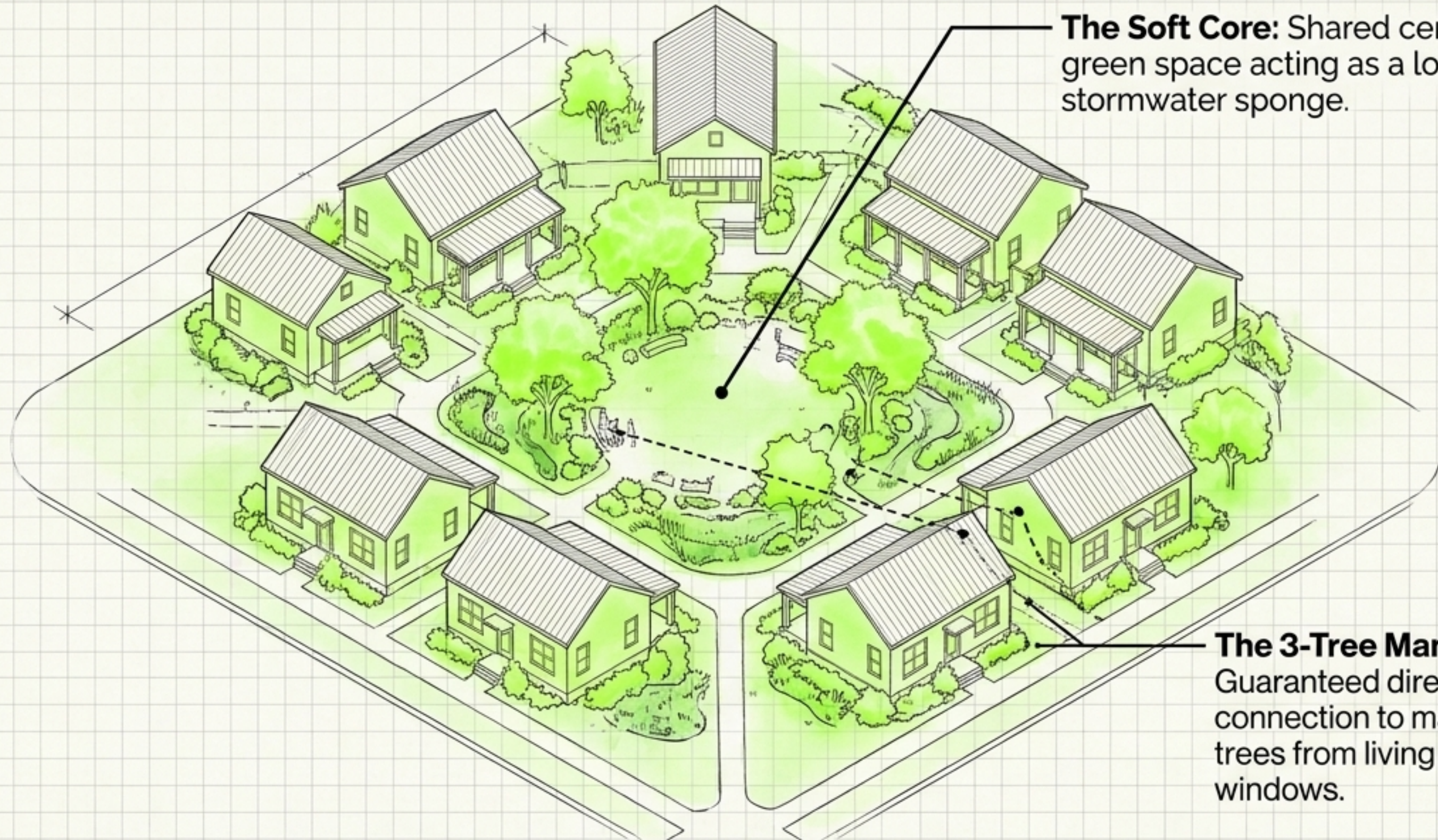


Sweeping macro-scale spaces. Miyawaki forests, flood plains.

Function: City-wide climate resilience and active travel.



Blueprint S: Deploying the Green Heart



The Soft Core: Shared central green space acting as a localized stormwater sponge.

The 3-Tree Mandate: Guaranteed direct visual connection to mature shade trees from living room windows.

Mechanism S: Engineering Positive Social Friction

Passive Surveillance:
Eyes on the courtyard ensure a highly safe, surveillance-rich environment for kids.

Social Friction Checkpoint:
Replaces the isolation of car-heavy streets with low-stakes daily interactions. A direct architectural antidote to the loneliness epidemic.

Walking Paths:
Common sense thinking precise walking path and path is nonuniformly 150 commercial space.

The Corner Hub Interface:
As-of-Right corner dairy or cafe opening onto the plaza.

Blueprint M: The 300-Metre Walkable Anchor

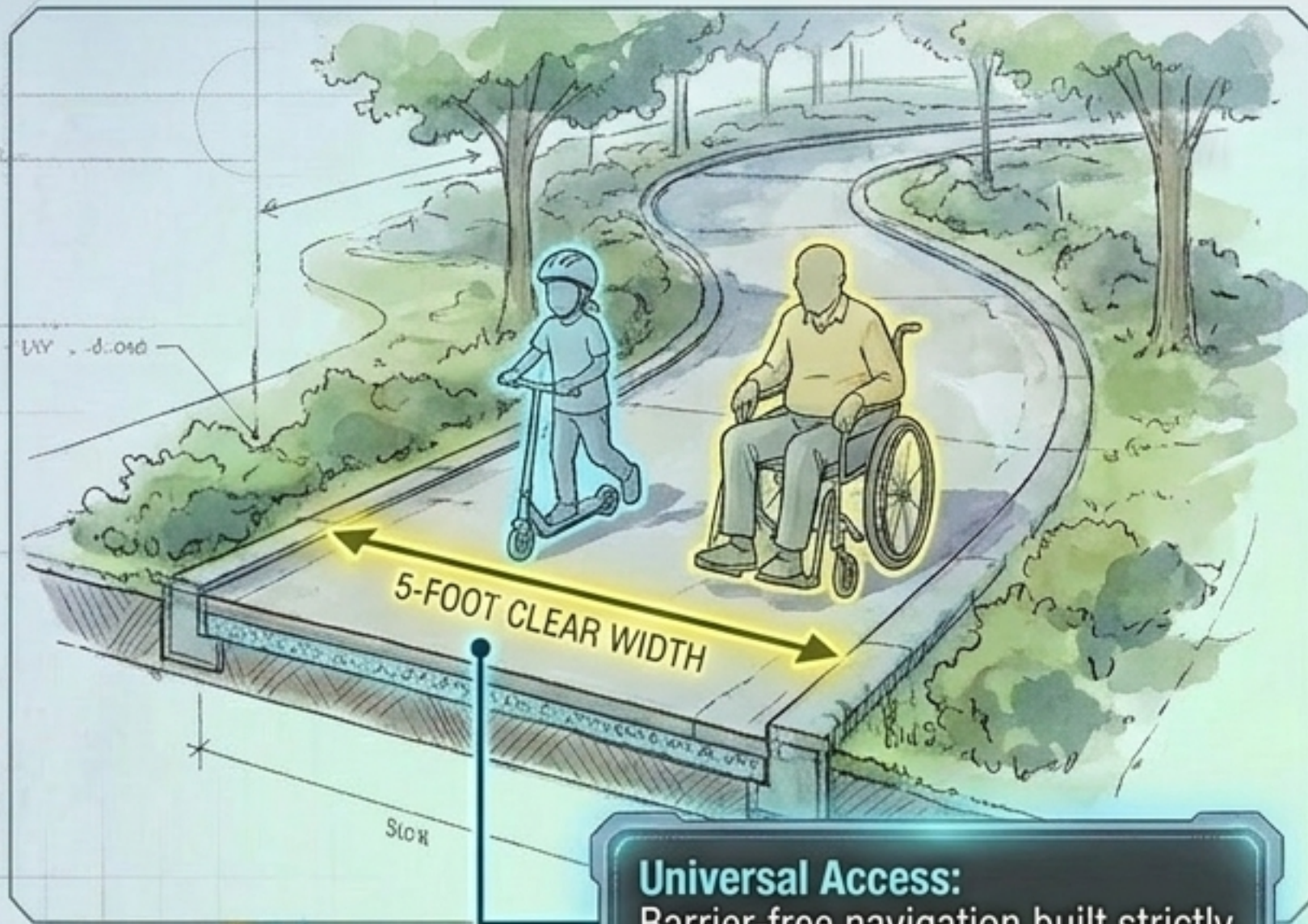
Scale Parameter:
0.5 – 1.0 Hectares
(High-Quality Restorative Space)

Cognitive Restoration:
Rustling leaves and water elements
act as vitamins for the brain
(Attention Restoration Theory).

As-Walked Measurement:
Max 300m via physical path,
NOT as the crow flies.

300m

Mechanism M: The 8-to-80 Standard & The Linger Factor



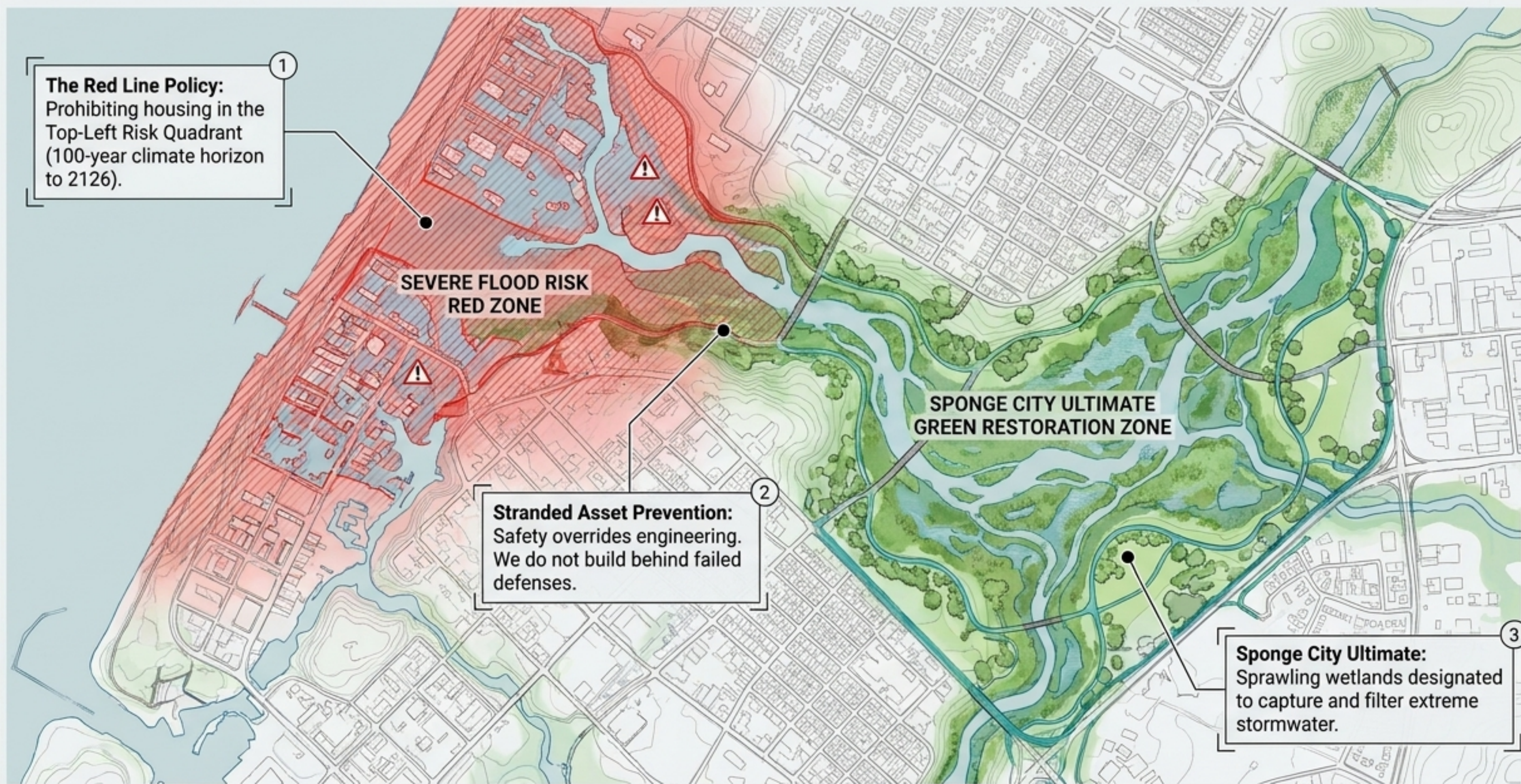
Universal Access:
Barrier-free navigation built strictly to the 8-to-80 standard.



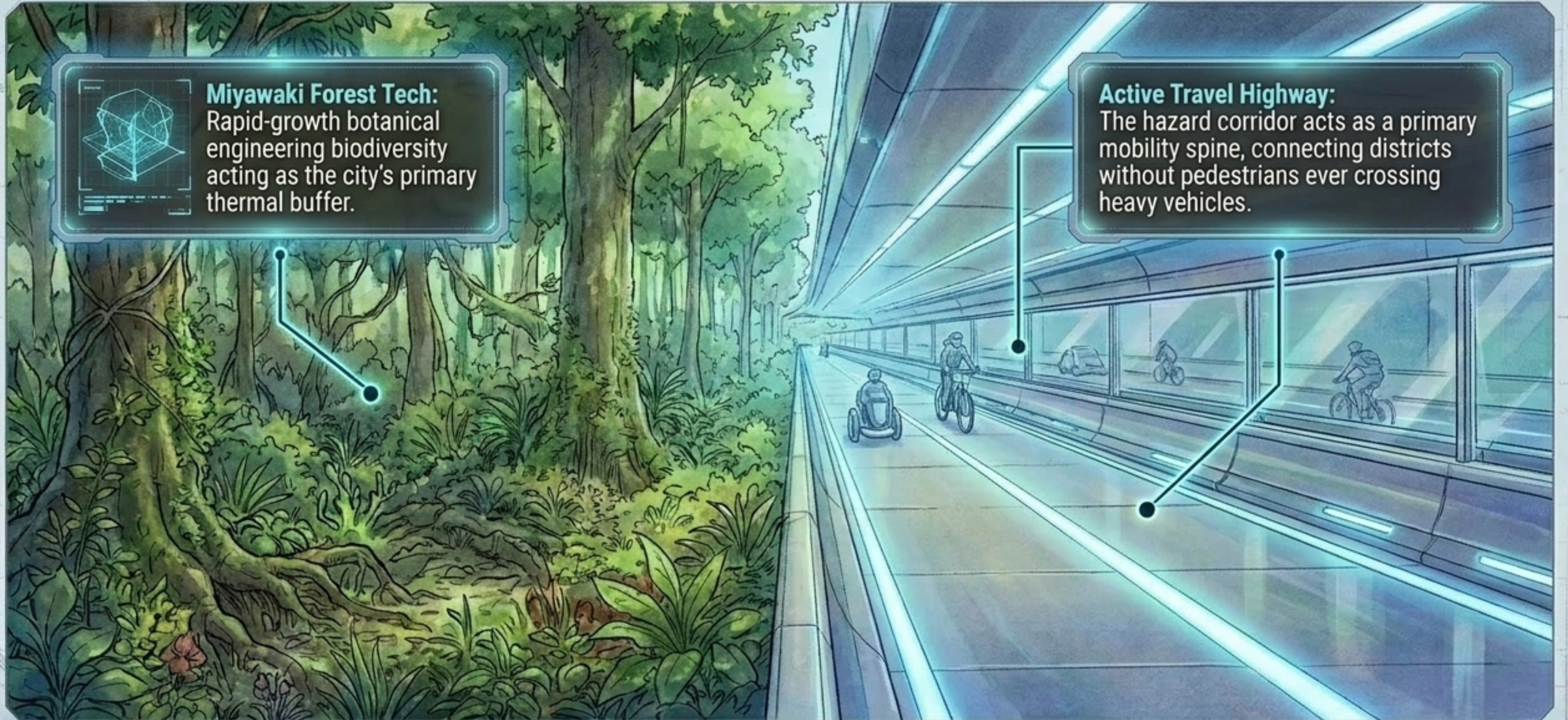
The Linger Factor:
Activating the edge with local commerce and pedestrian-scale lighting.

Data Overlay: Integrating mixed-use edges with high-quality green spaces triggers the Linger Factor, driving a proven 66% increase in local daytime spending.

Blueprint L: The Blue-Green Hazard Corridor



Mechanism L: Active Arteries & Miyawaki Rapid Growth



Miyawaki Forest Tech:
Rapid-growth botanical engineering biodiversity acting as the city's primary thermal buffer.

Active Travel Highway:
The hazard corridor acts as a primary mobility spine, connecting districts without pedestrians ever crossing heavy vehicles.

Synthesis: The Complete 15-Minute Ecosystem



**Micro, Meso, and Macro perfectly aligned.
 The motu breathes as a single, highly-engineered living organism.**

The Newcomer Principle: Shielding the Ecosystem



1
The Agent of Change Pays:
If you build homes next to the engine, you pay for the mitigation.

2
Technical Mitigation:
Mandatory Acoustic Glazing and Mechanical Ventilation.

3
First in time, first in right. We protect our economic engines from reverse sensitivity litigation while keeping residents safe.

The Triple ROI: The Economics of Green Utility



Financial: 1:3 ROI

Biological assets appreciate over time, unlike depreciating grey concrete.



Infrastructure: 50% CAPEX Savings

Massive reductions in municipal spending by replacing traditional pipes and pumps with passive Sponge City filtration.



Social: 1:18 Social ROI

Drastic reductions in public health burdens driven by active travel, cognitive recovery, and community cohesion.

The Golden Rule: Securing the Legacy

Strategic decisions made in this Spatial Plan cannot be relitigated at the project consent level. We are permanently replacing grey inertia with a resilient, living habitat.



This is the blueprint.
Let's get to work for the motu.