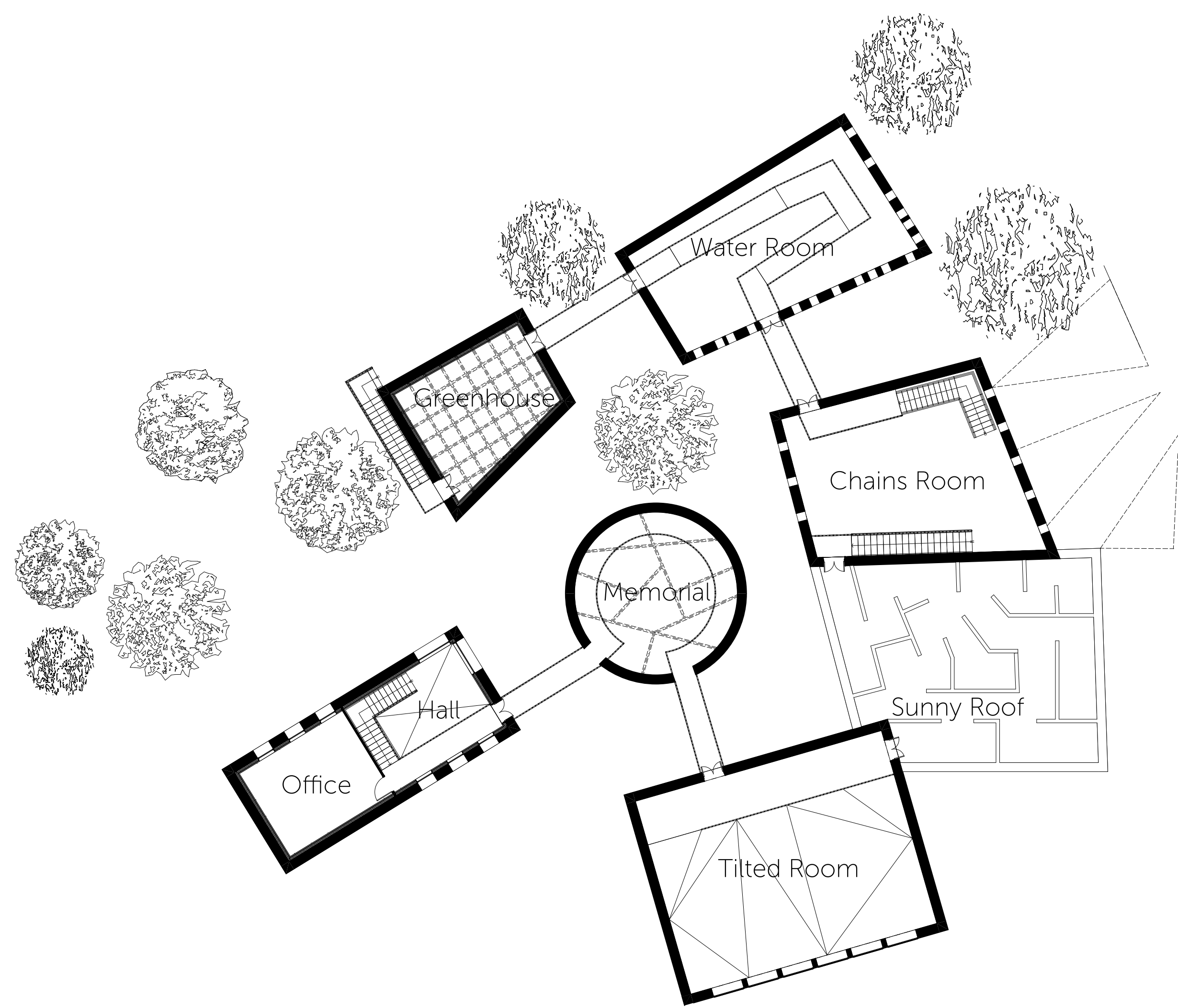


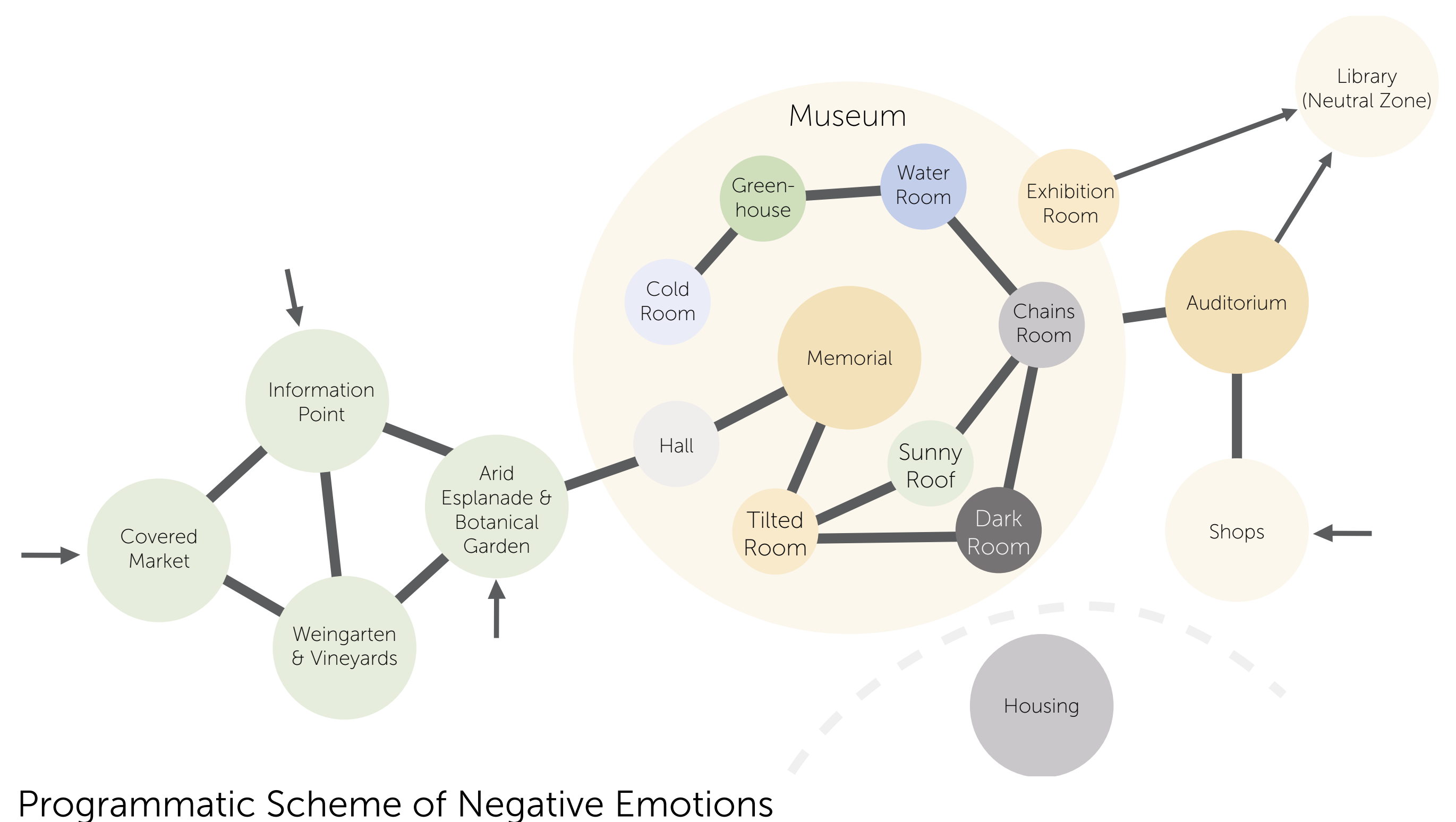
NEGATIVE EMOTIONS

Acknowledging and Feeling History

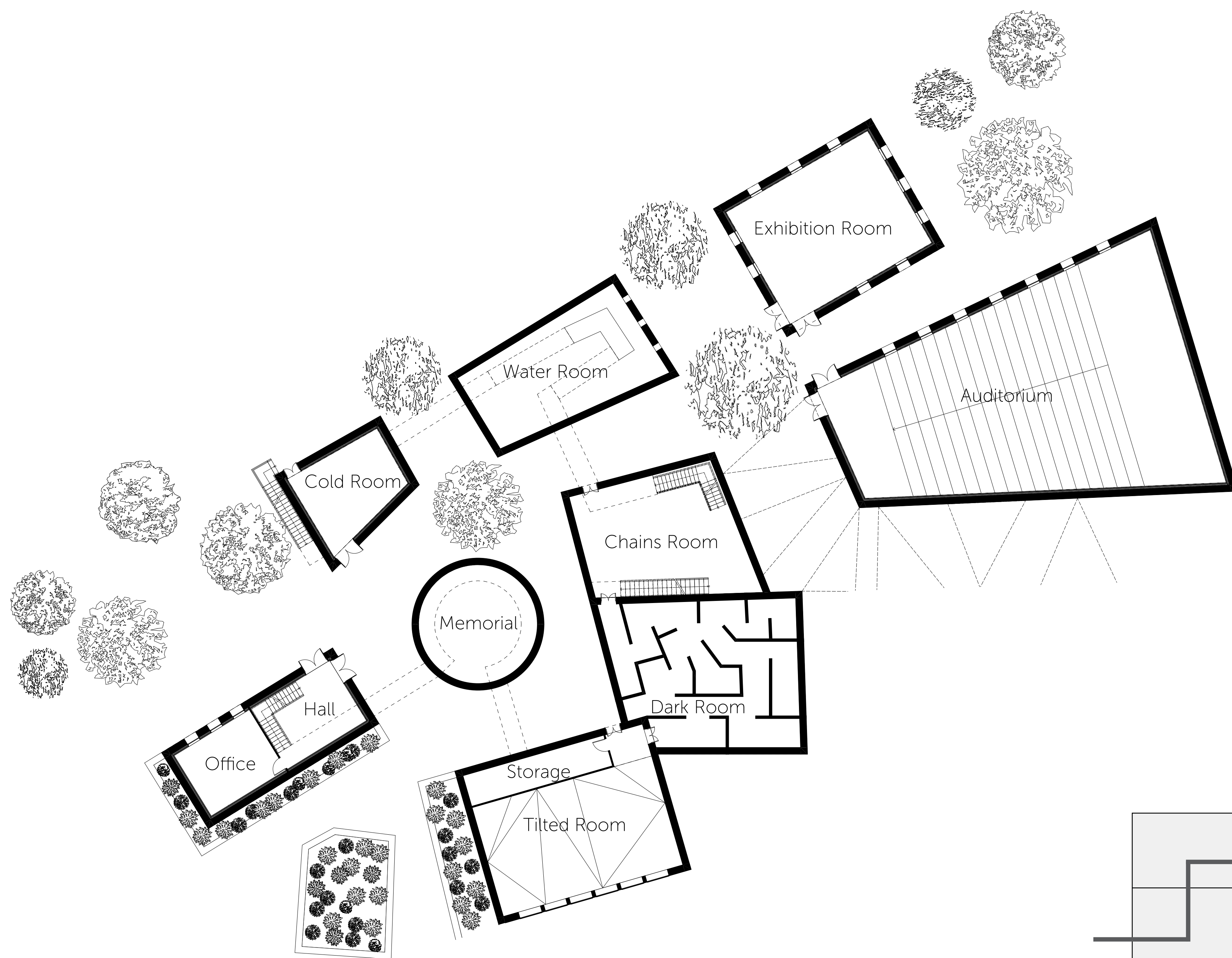
Maxime CLOT - Jules Reynaud



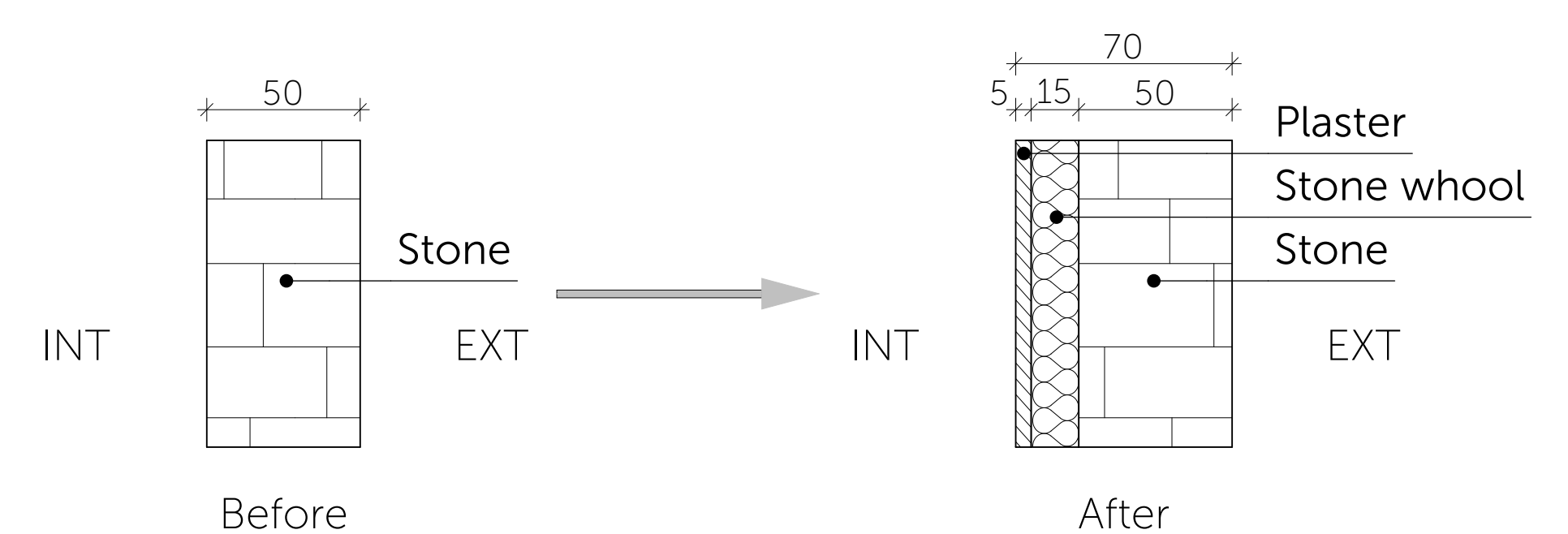
Museum First Floor Plan 1:200



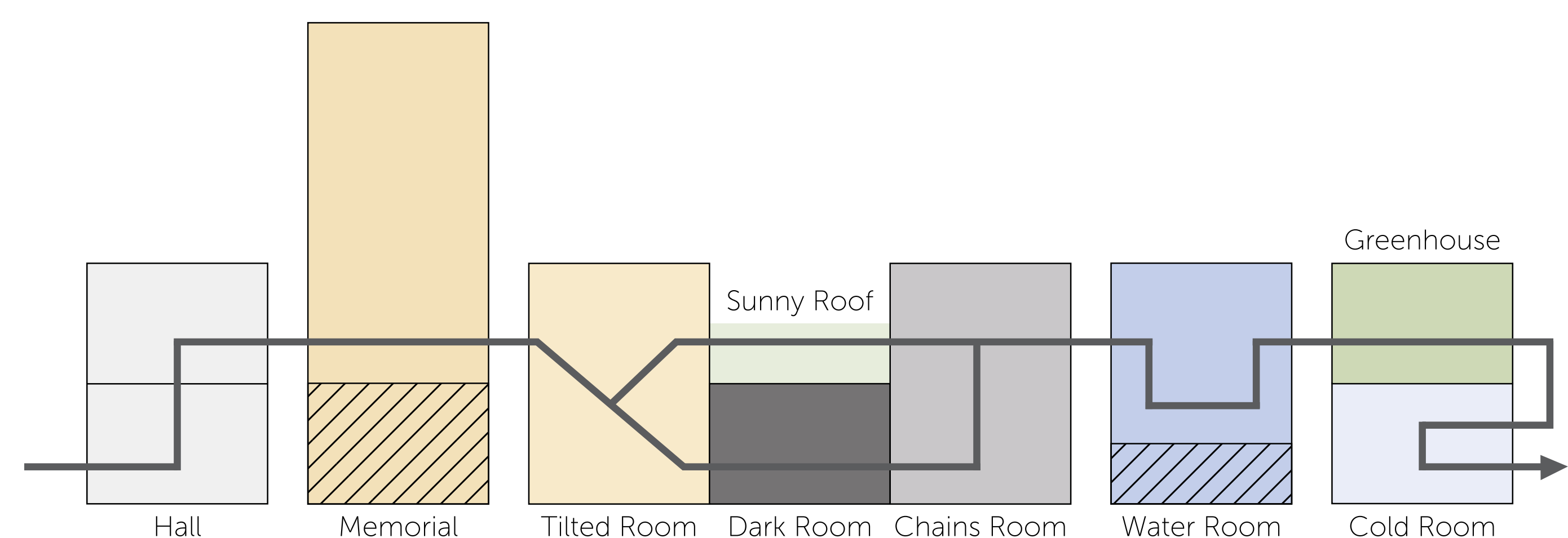
Programmatic Scheme of Negative Emotions



Museum Ground Floor Plan 1:200



Detail of Insulation 1:20



Museum Stroll Scheme

Floors Surfaces	
Museum and annexes	2800 m ²
Housings	5000 m ²
TOTAL	7800 m²

Floor Thickness	0.1 m
Volume of Concrete Needed	780 m³

Materials Needed	
Aggregates quantity	858000 kg
Cement quantity	234000 kg
Sand quantity	647400 kg
Water quantity	120900 kg

Demolished Ruins	
Length	150 m
Thickness	0.5 m
Height	3 m
Volume	225 m ³
Volumic mass	1800 kg/m ³
Mass of reused aggregates	405000 kg
Mass of aggregates to add	453000 kg

Summary of Materials Needed		
Material	Mass	Volume
Reused aggregates	405000 kg	225.0 m ³
Aggregates to add	453000 kg	251.7 m ³
Cement	234000 kg	156.0 m ³
Sand	647400 kg	349.9 m ³
Water	120900 Liters	120.9 m ³

Life Cycle Assessment : Reference Unit	Aggregates [m3]	Cement [kg]	Sand [m ³]	
Indicator	1	1.2	1	1
Global warming kg CO2 eq.	7,65	2,33	2950	
Air pollution [m ³]	7710	755	0	
Water pollution [m ³]	5,82	0,56	0	

Transport	
Pollution	3 g CO2/t.km
Distance (from Turkey)	360 km
	0,00108 kg CO2/kg

Life Cycle Assessment - Negative Area



1. The Covered Market & Vineyards