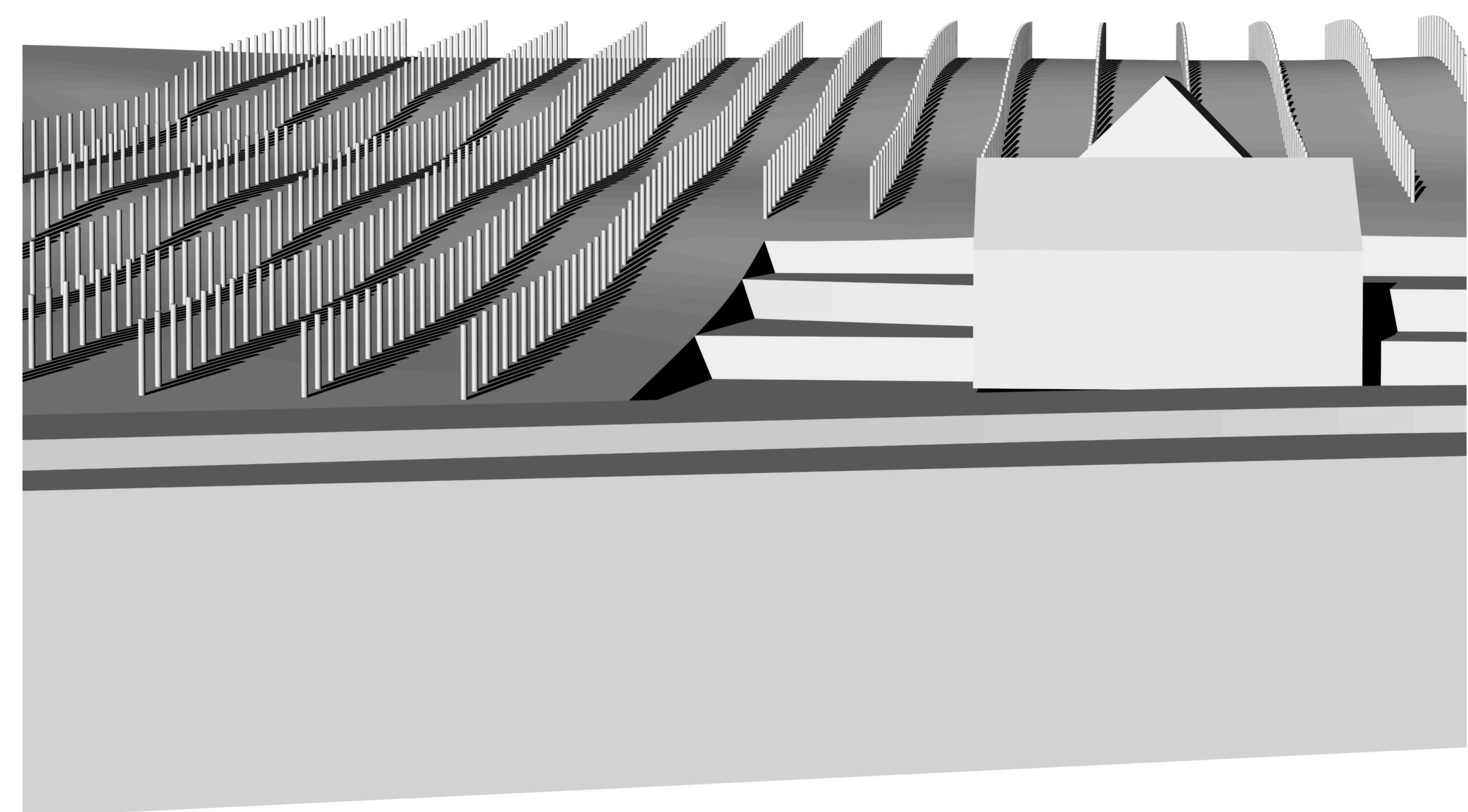


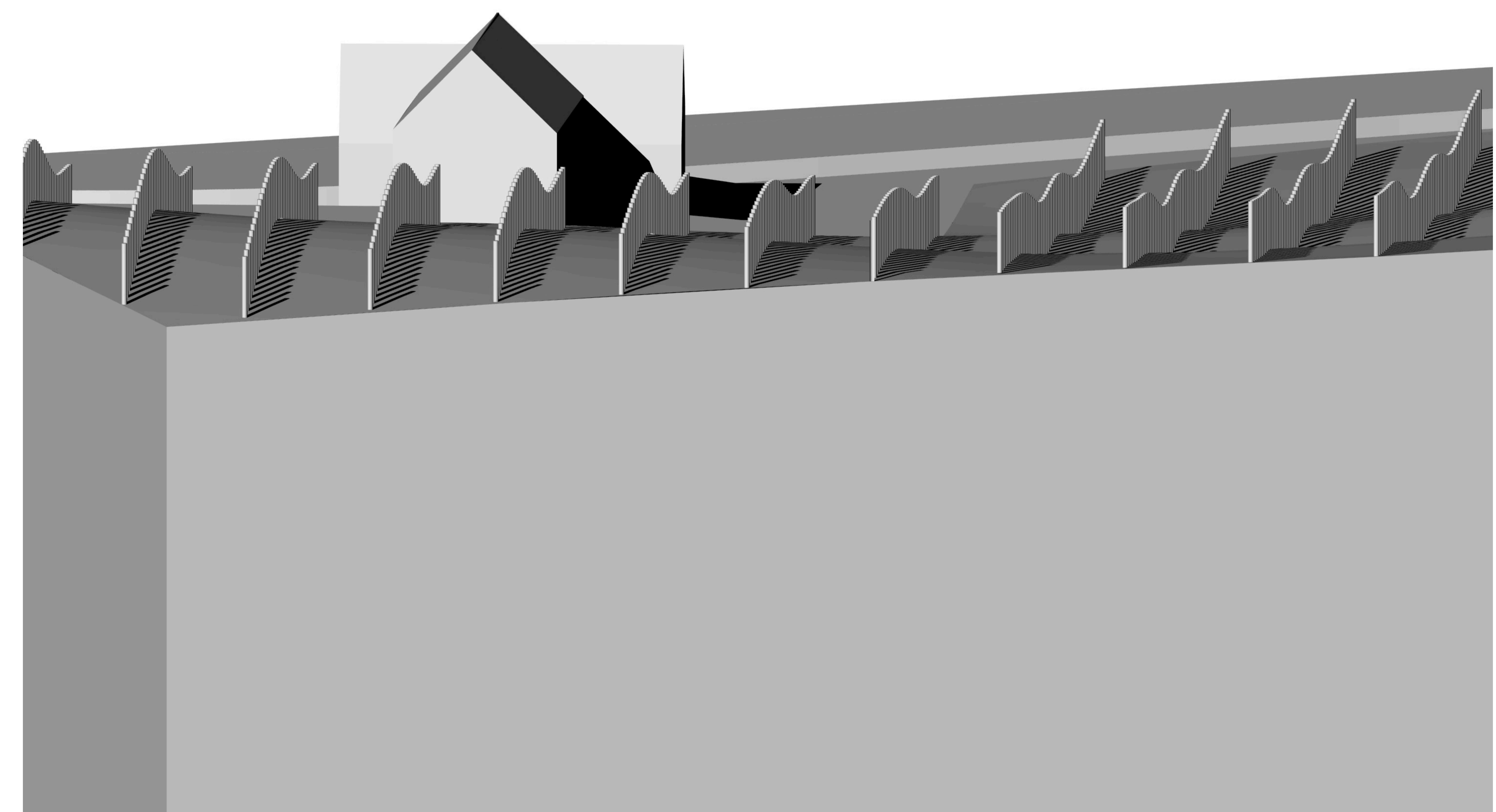
Table 1. Ecological footprint of viticulture 2050, RCP 8.5

2050 RCP 8.5	Net change in area suitable for viticulture, mean % (quantiles)	Ecological footprint 2000, % area (ha $\times 10^3$) ^a	Ecological footprint trend to 2050, % mean change (quantiles)
California	-60 (-42, -55, -66, -73)	29.8 (2.8)	10 (2, 5, 11, 27)
Chile	-25 (0, -17, -29, -55)	0.8 (0.05)	0 (-38, -25, 38, 50)
Mediterranean Europe	-68 (-39, -61, -78, -86)	2.4 (1.1)	342 (125, 263, 392, 525)
Cape Horn Region	-51 (-31, -56, -65, -66)	46.0 (2.5)	14 (9, 11, 15, 19)
Australia (Med)	-73 (-61, -67, -76, -87)	44.0 (15.1)	-5 (-1, 0, 6, 6)
Australia (non-Med)	-22 (-15, -19, -23, -31)	40.9 (13.8)	2 (0, 2, 5, 11)
Northern Europe	99 (58, 83, 118, 149)	1.1 (2.5)	191 (-10, 10, 291, 618)
New Zealand	168 (104, 124, 216, 264)	6.6 (0.1)	126 (98, 103, 152, 174)
Western North America	231 (96, 201, 259, 338)	44.1 (4.9)	16 (2, 12, 23, 28)

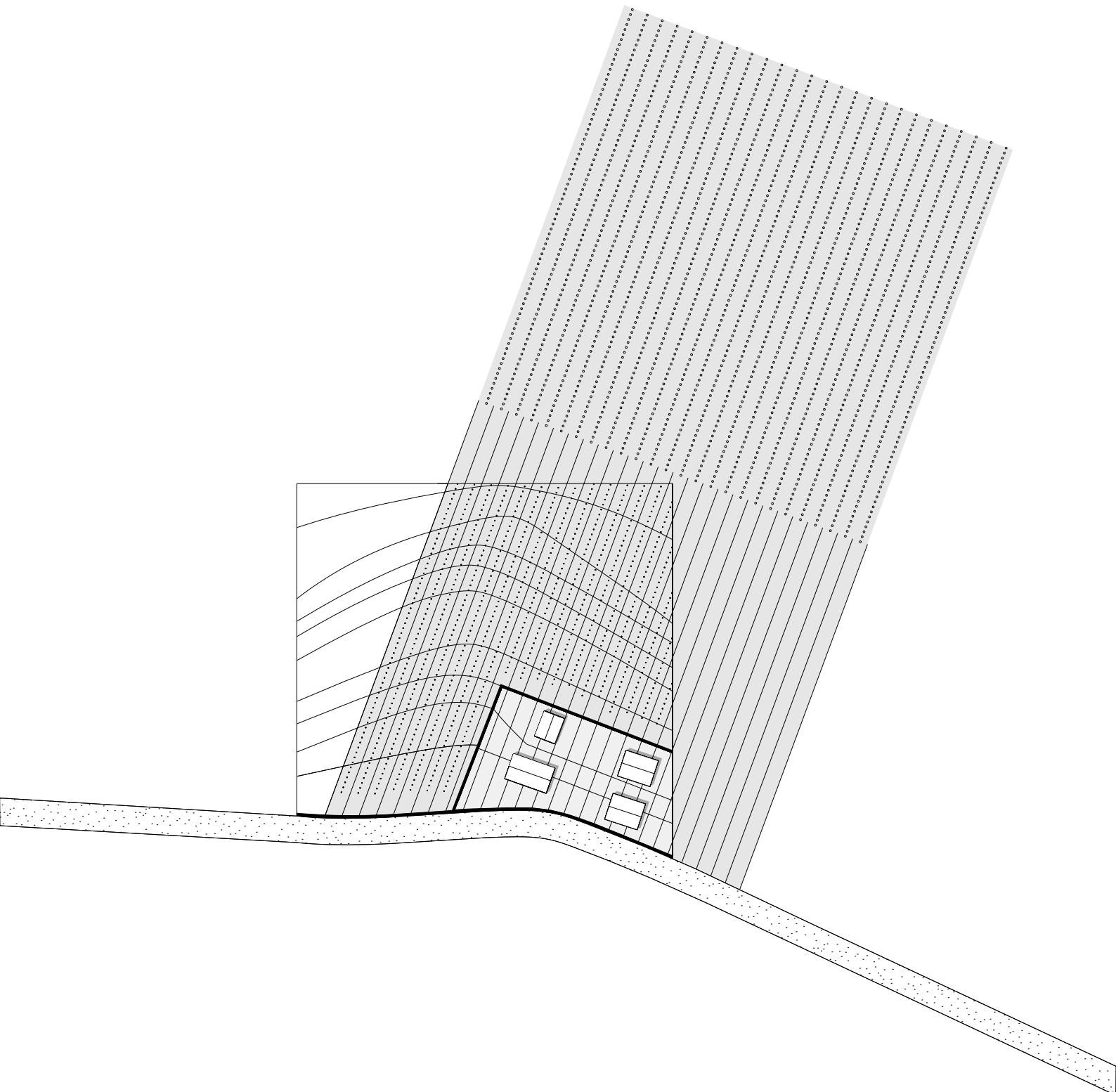
^aEnsemble means are shown with quantiles in the order 5%, 25%, 75%, and 95%. RCP 4.5 values are given in Table S1. Med, Mediterranean climate; non-Med, non-Mediterranean climate.

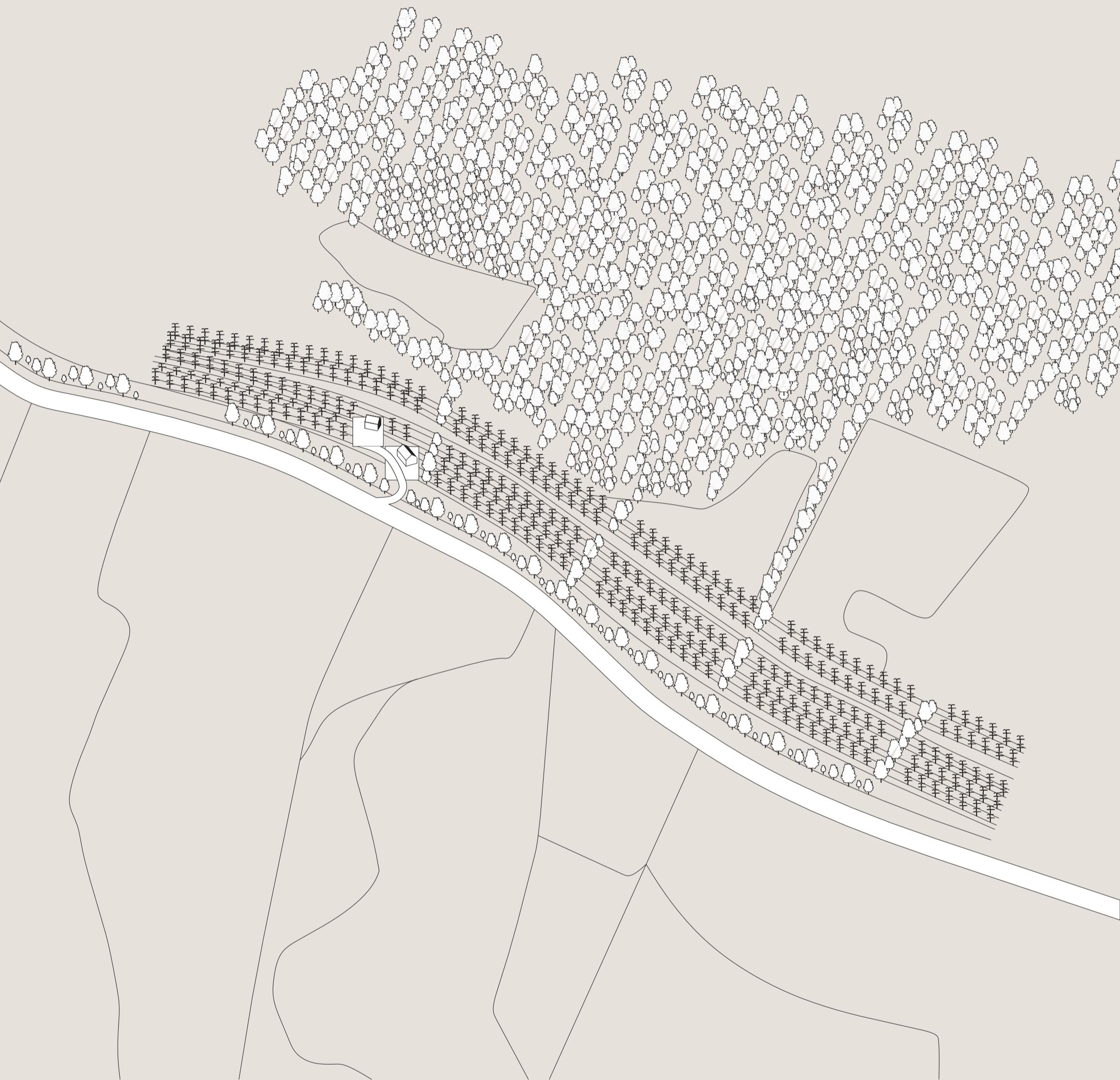
^bEcological footprint is the percentage of suitable viticulture area that intersects with natural lands as defined by HII < 10 (27).

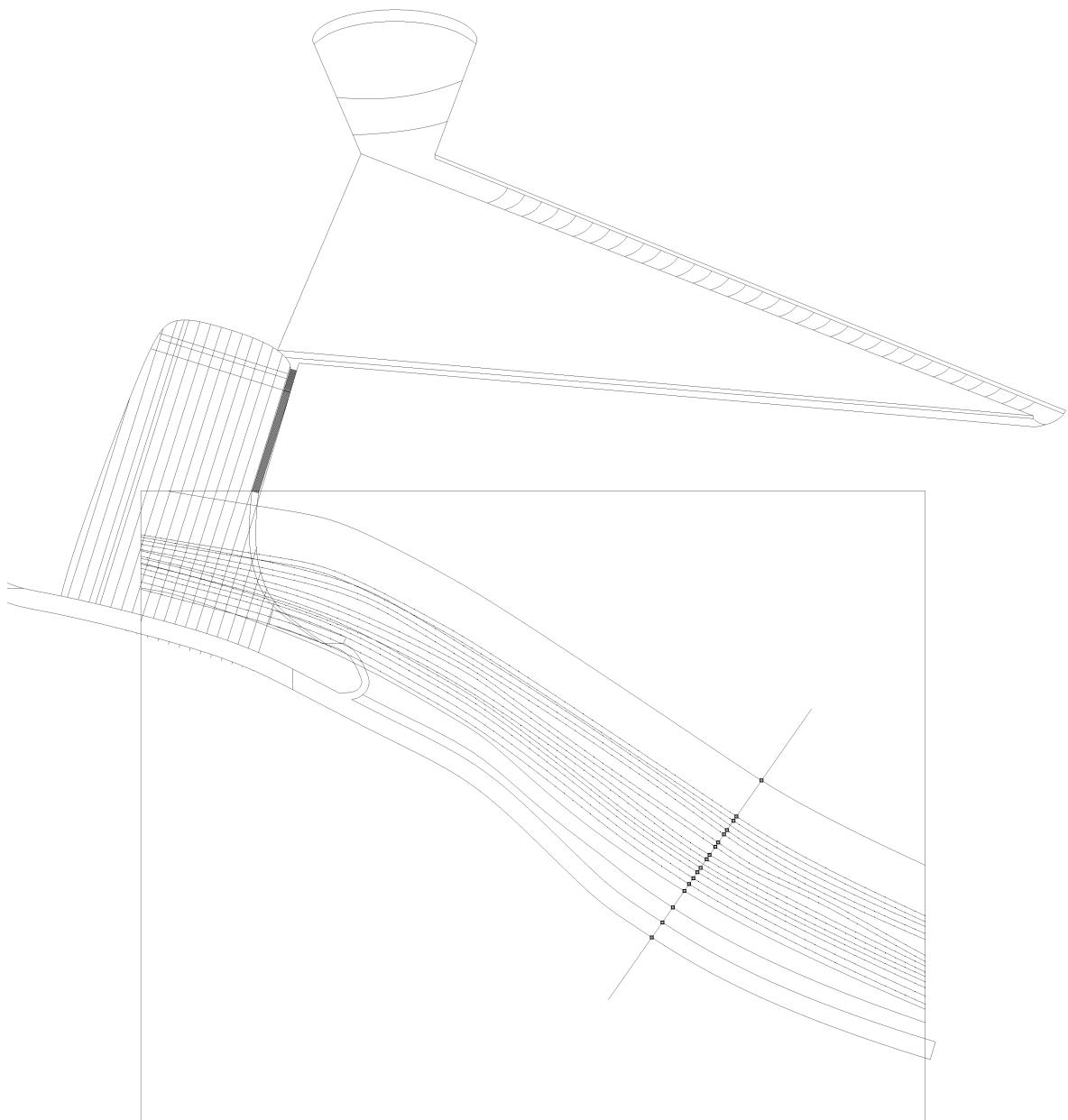


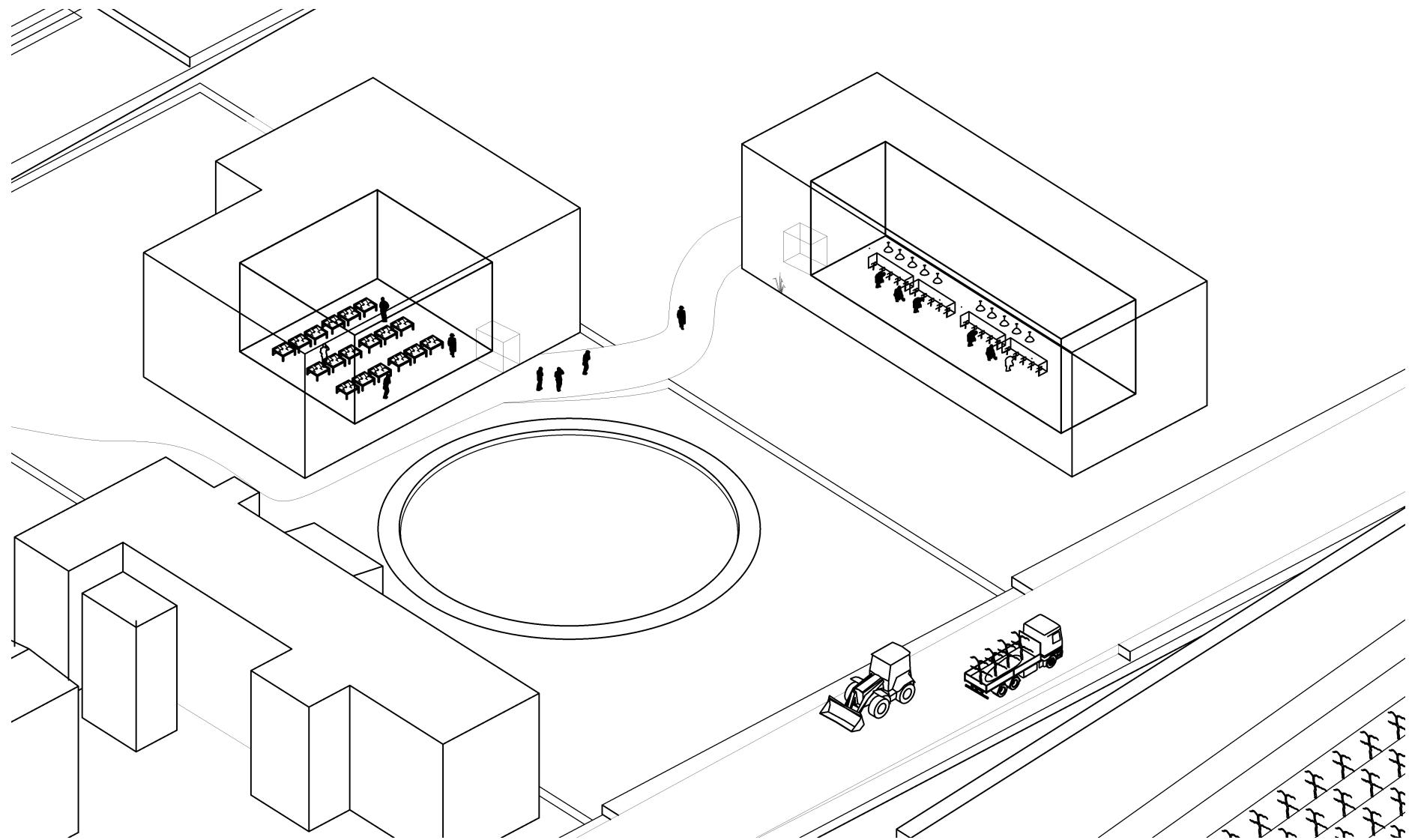


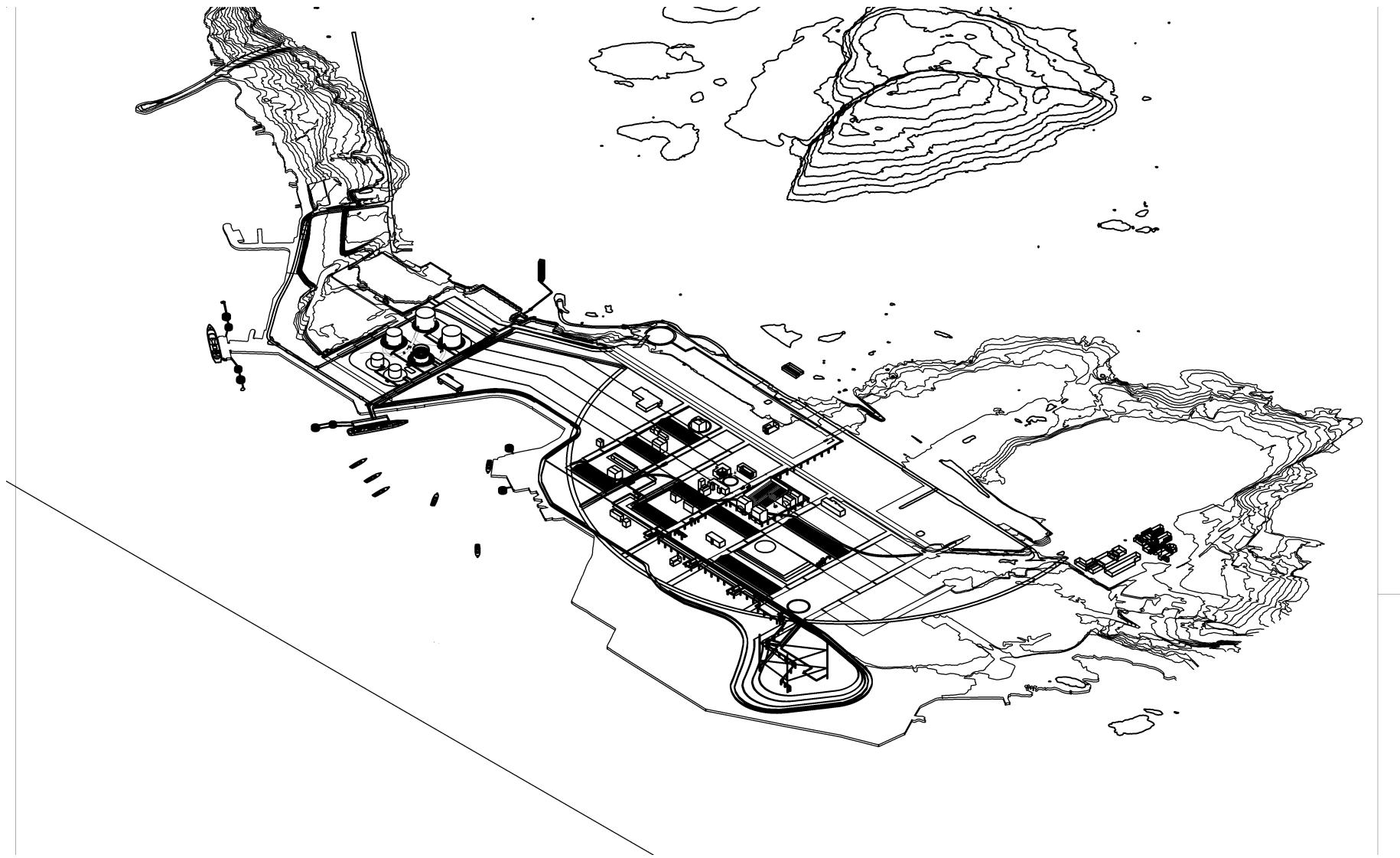


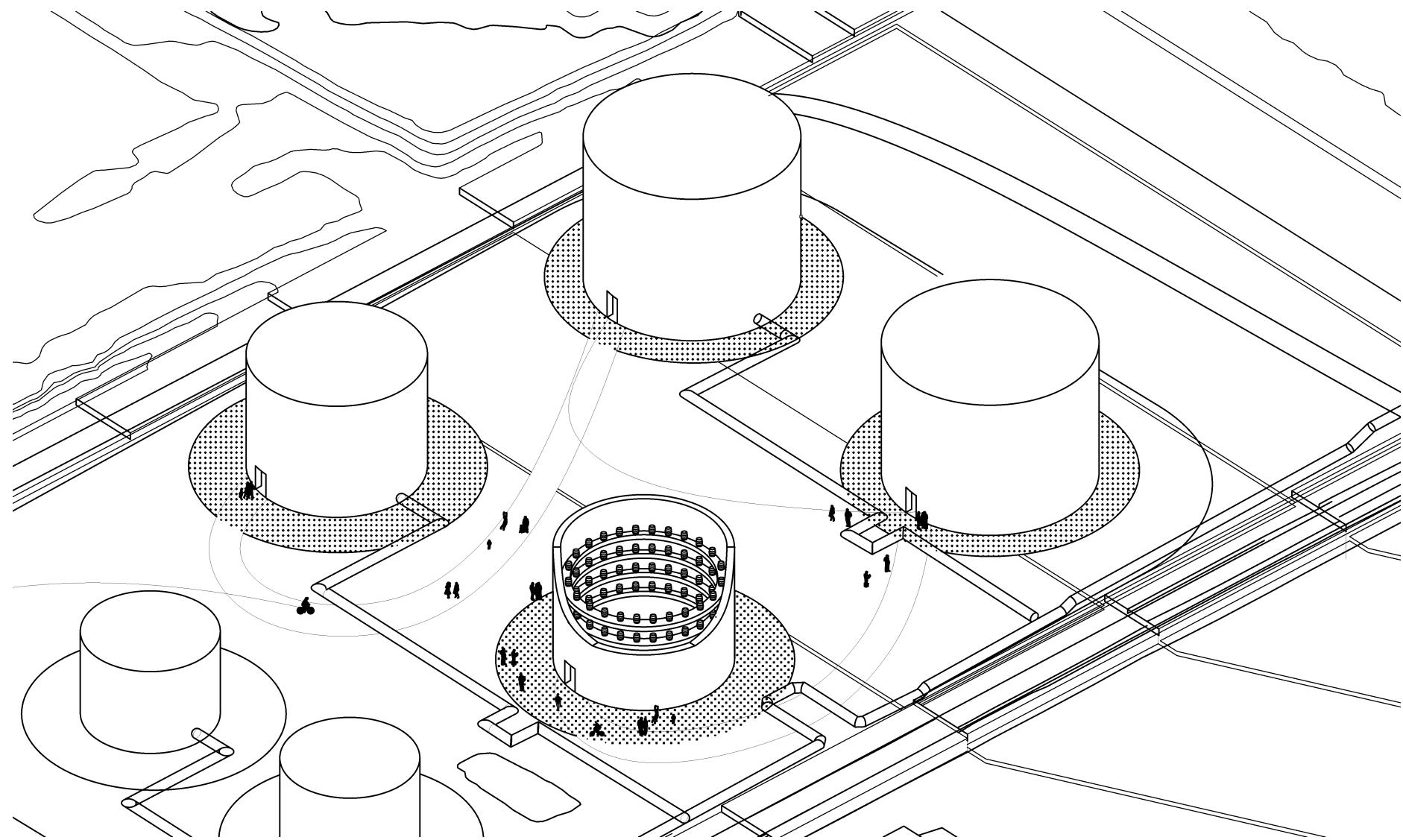


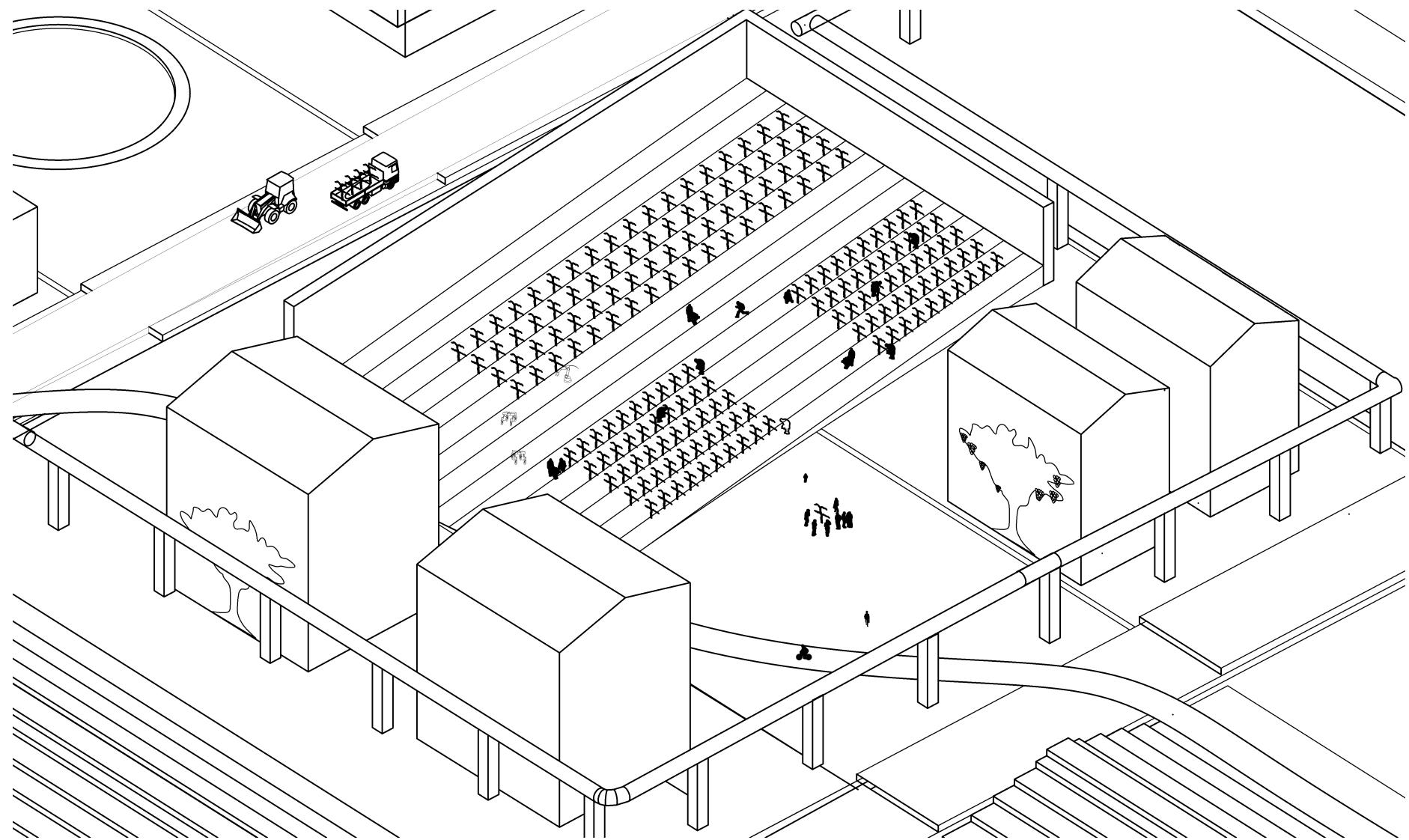


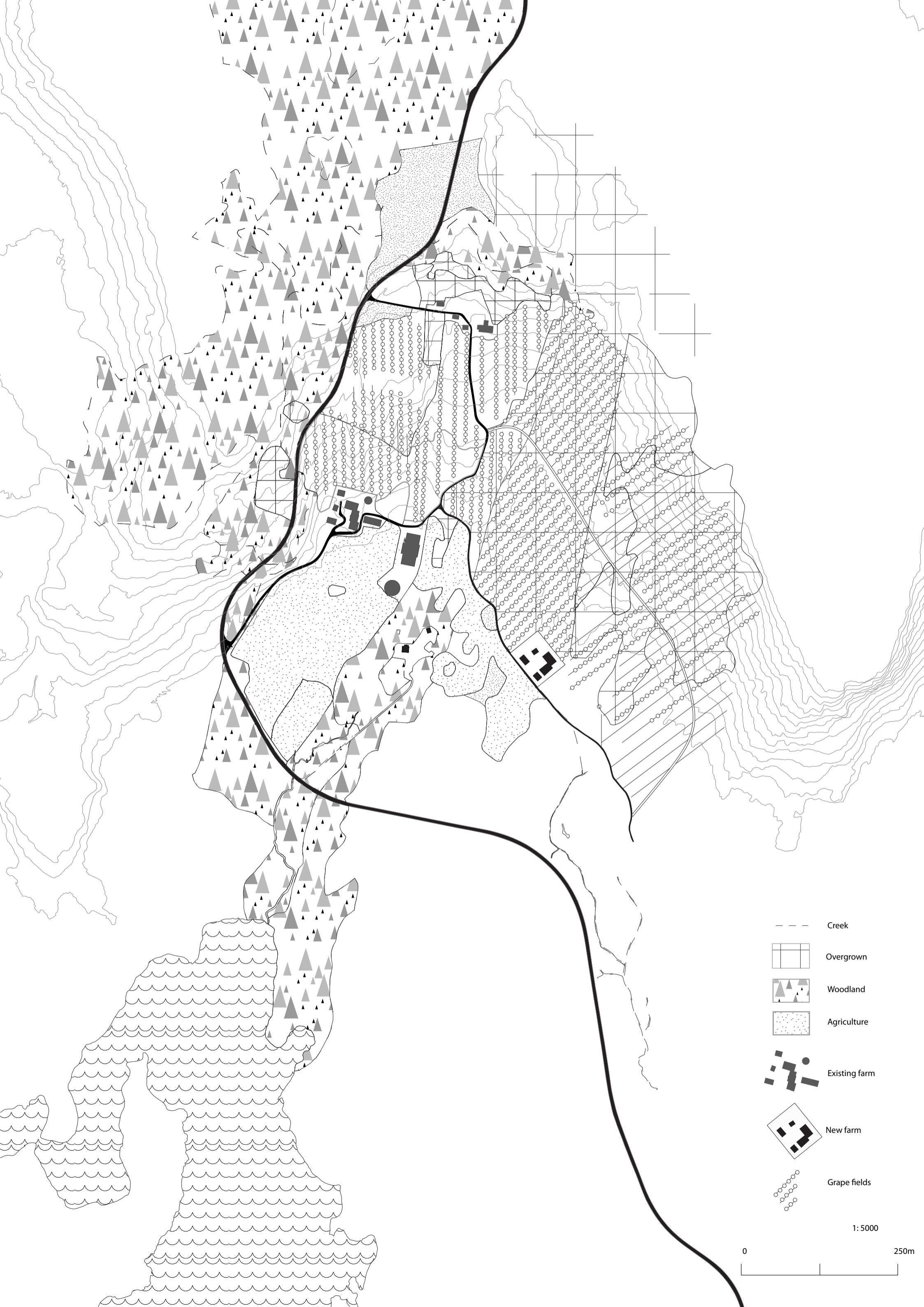


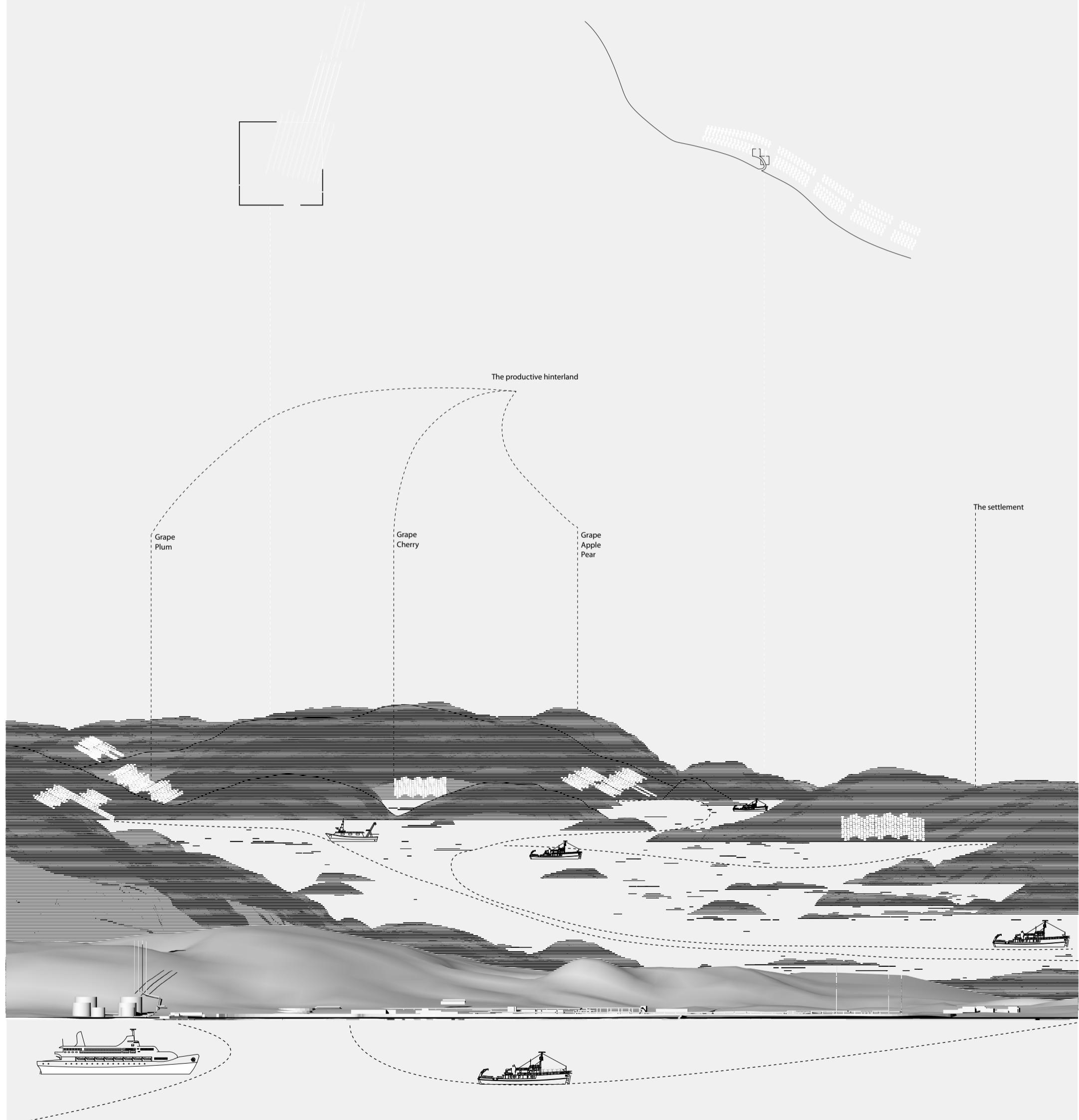















Grapes

Hasansky Sladki Russian Rosewine	— — —	Cold-hardy. -25-35°C	— — — — —	Harvest - early September.	
Skandia Minnesota, USA	— — —	Cold-hardy. -20-35°C	— — — — —	Harvest - late September.	
Guna Latvia	— — —	Cold-hardy. -20-30°C	— — — — —	Harvest - late September.	
Solaris German White wine	— — —	Cold-hardy. -16-22°C	— — — — —	Harvest - late September.	
Somerset Seedless USA	— — —	Cold-hardy. -30-35°C	— — — — —	Harvest - late September.	
Zilga Latvia	— — —	Cold-hardy. -30-40°C	— — — — —	Harvest - late September.	
Supaga Latvia	— — —	Cold-hardy. -30-35°C	— — — — —	Harvest - late September.	

Month

March

September

Grapes to grow in Norway

