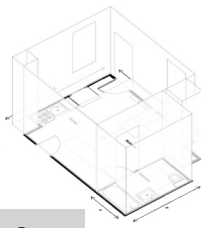
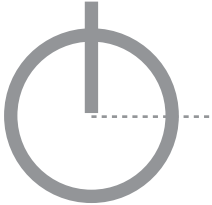
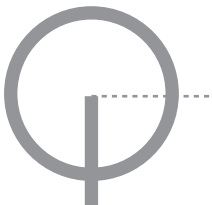


THERMAL AND VISUAL COMFORT MAXIMIZATION OF AN UNCONDITIONED SPACE



	Orientation	Glaze Ratio	Daylighting	Adaptive Comfort
Original	 -90°	North:0.1 West:0.0 South:0 East:0.1	1251hrs, 14.28% Comfortable of 8760 hours	SDA: 75% 300lux 50%
First Run	 90°	North:0.3 West:0.2 South:0.5 East:0.1	1537hrs, 17.55% Comfortable of 8760 hours	SDA: 100% 300lux 50%
Final Design	Construction List: Exterior Wall [R34.4] Exterior Window [R1.9, SHGC 0.39] Exterior Roof [R34.4] 1873hrs, 21.38%	Ventilation: Air Change Hour: 5 2024hrs, 23.11%	Thermal Mass: +8 inches Concrete 2152hrs, 24.75%	