Thermal Network and Airflow rate Network Model

Glass heat exhaust duct with a flat rectangular cross section

also utilizes the solar chimney effect

Detailed floor model (fine division)
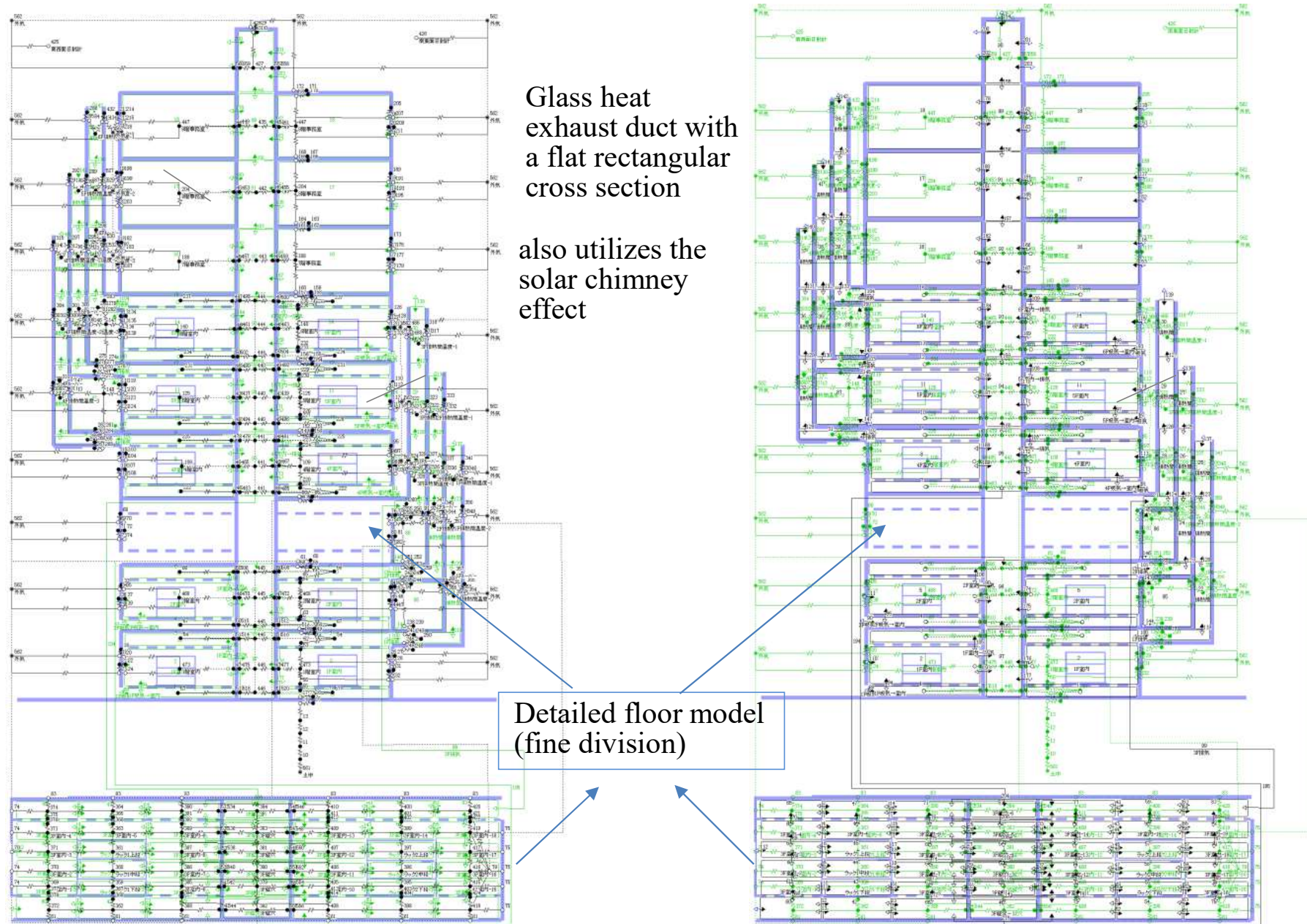
Based on standard weather data for Tokyo, only the outside temperature was assumed to be constant at 0°C. Use solar radiation.
We performed unsteady calculations for 4 days and used the calculation results for the last day.