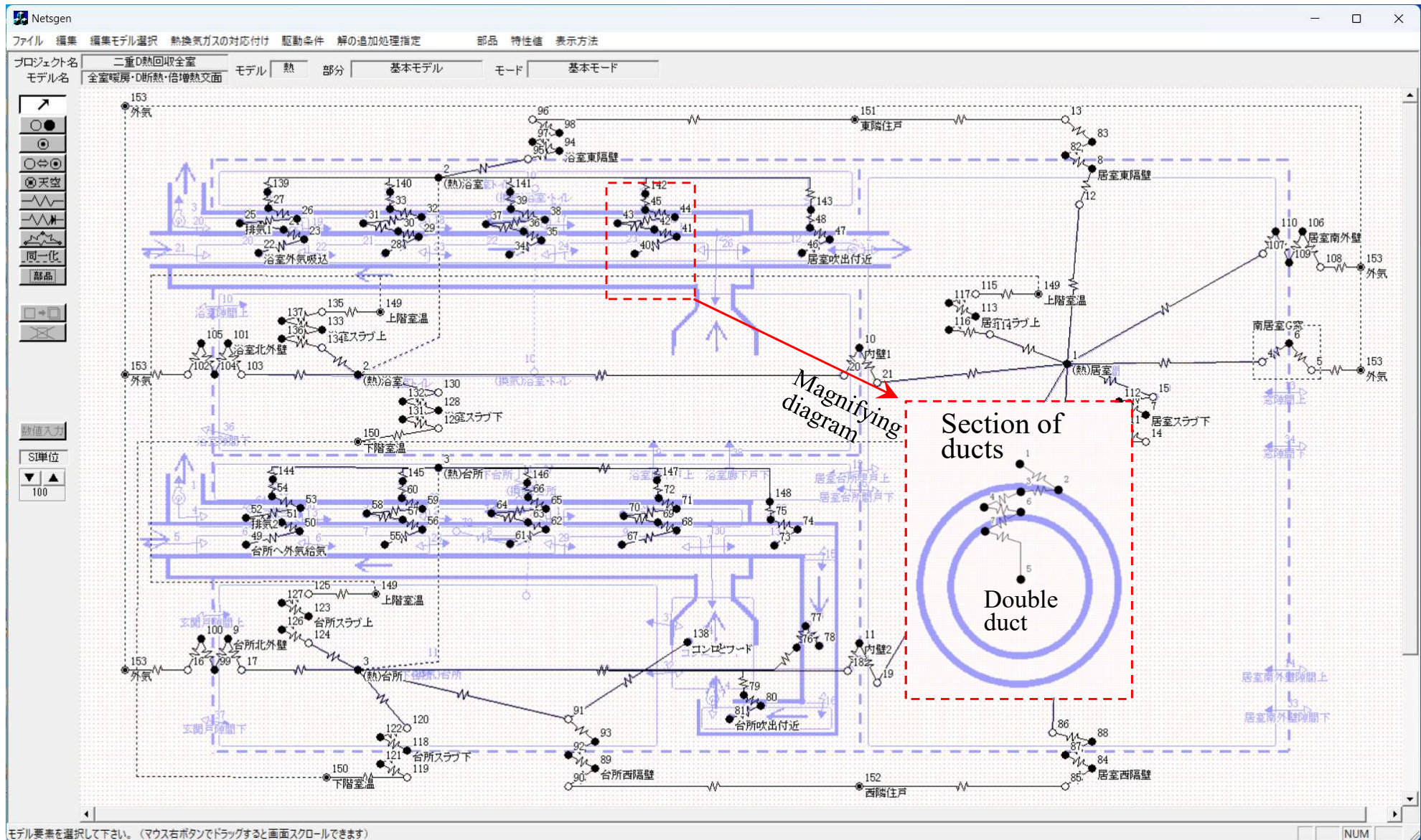


Thermal network model building up screen



- Nodes were provided on the inner and outer surfaces of the spiral duct (steel plate thickness 0.5 mm)..
- The calculation time interval Δt was set short at 5 minutes because heat transfer and ventilation are coupled.
- The room temperature of the neighboring units above, below, left, and right is a weighted average of 0.2 for the outside air temperature and 0.8 for the room temperature at the previous time.