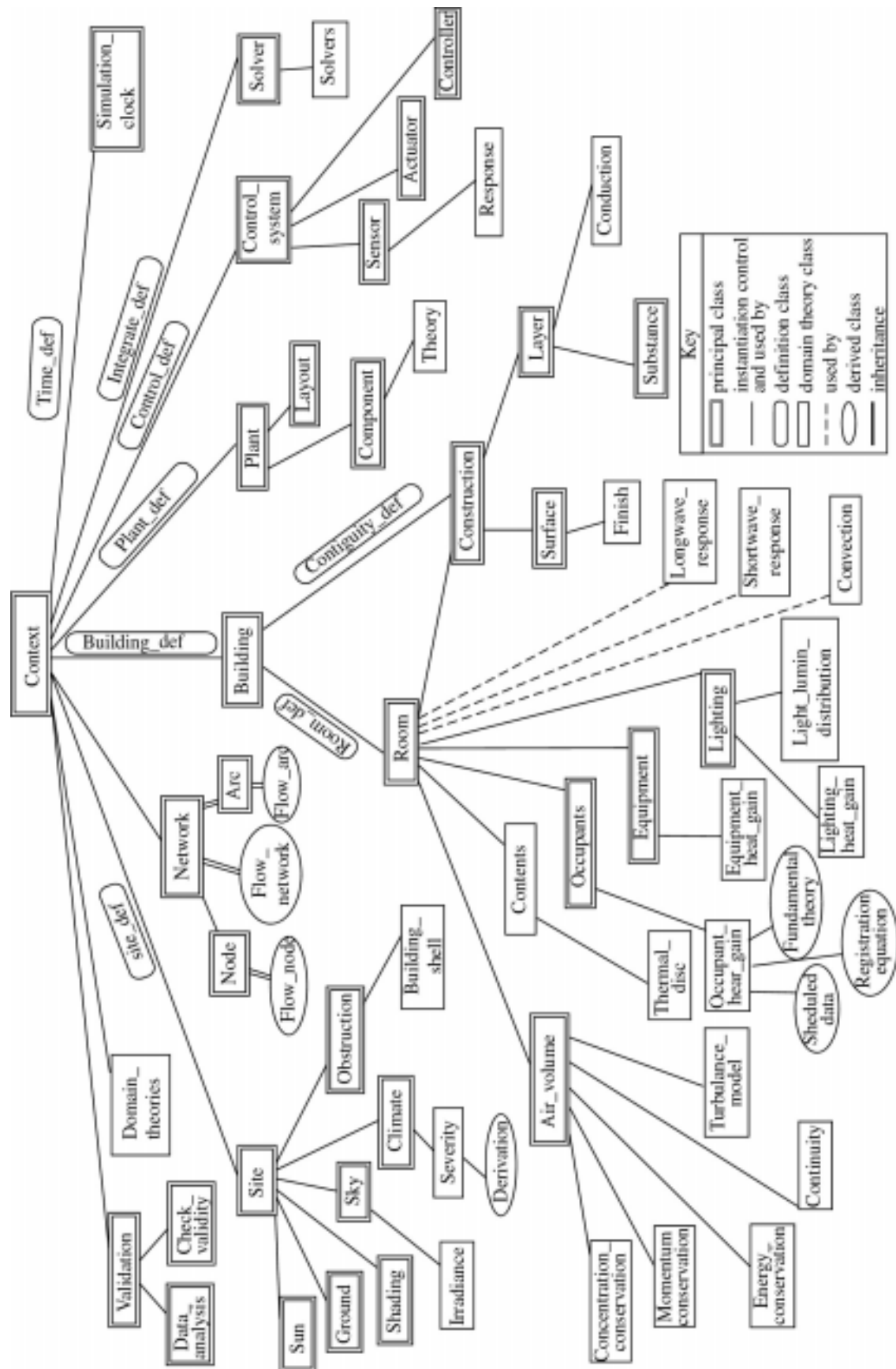Figure 1: The EKS project workplan.
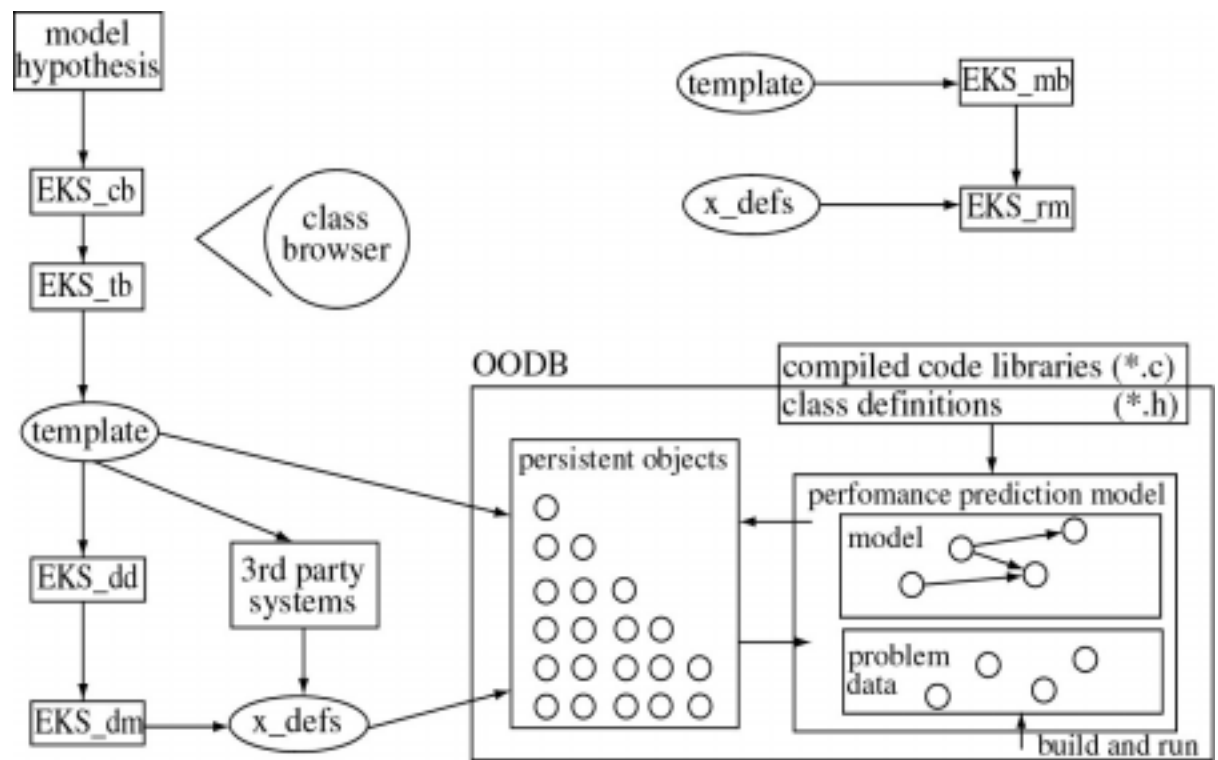
Figure 2: The EKS class taxonomy.
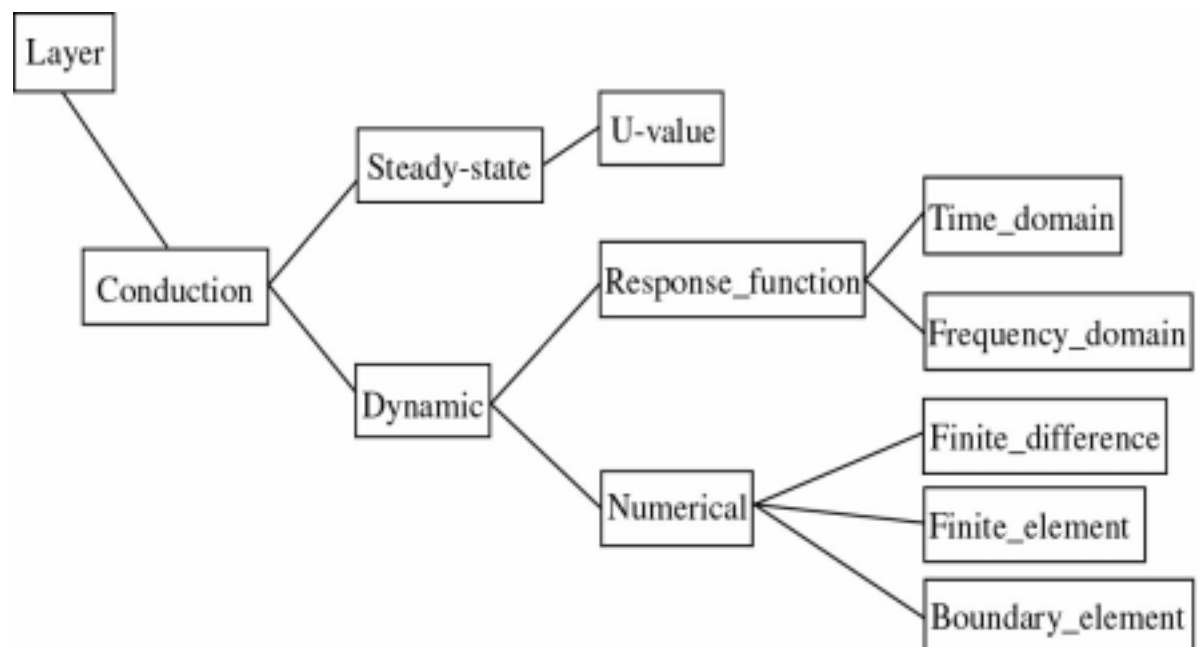
Figure 3: Architecture of the EKS system.

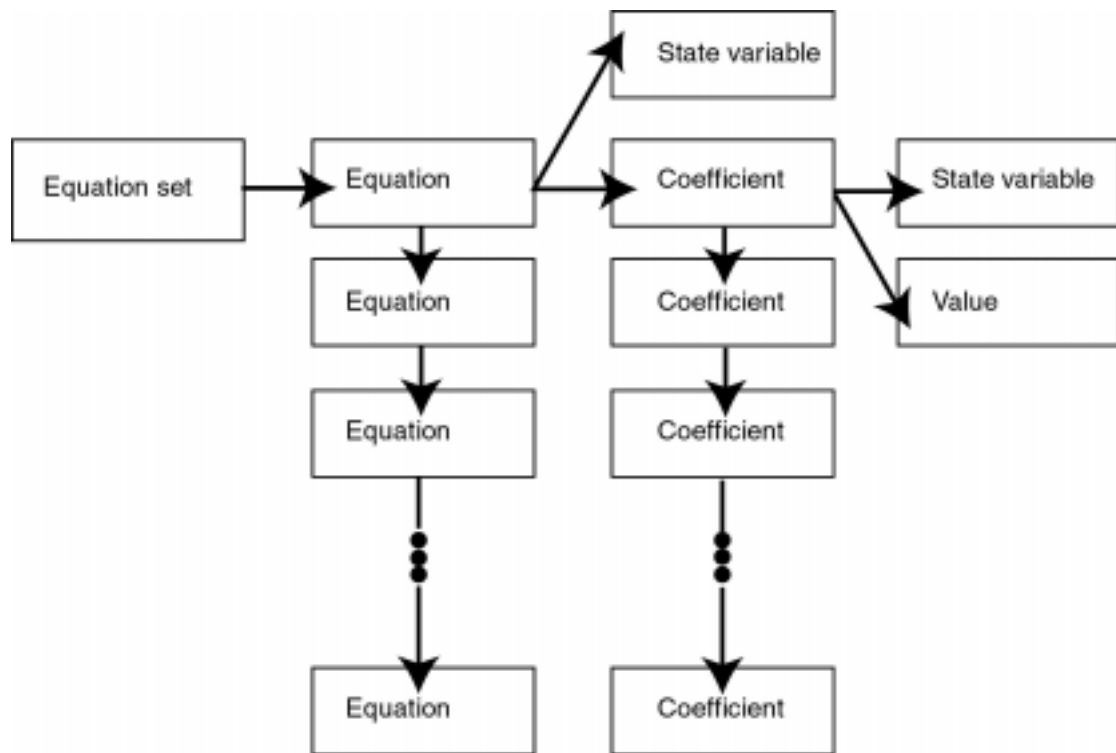Figure 4: Derived classes of "Conduction".

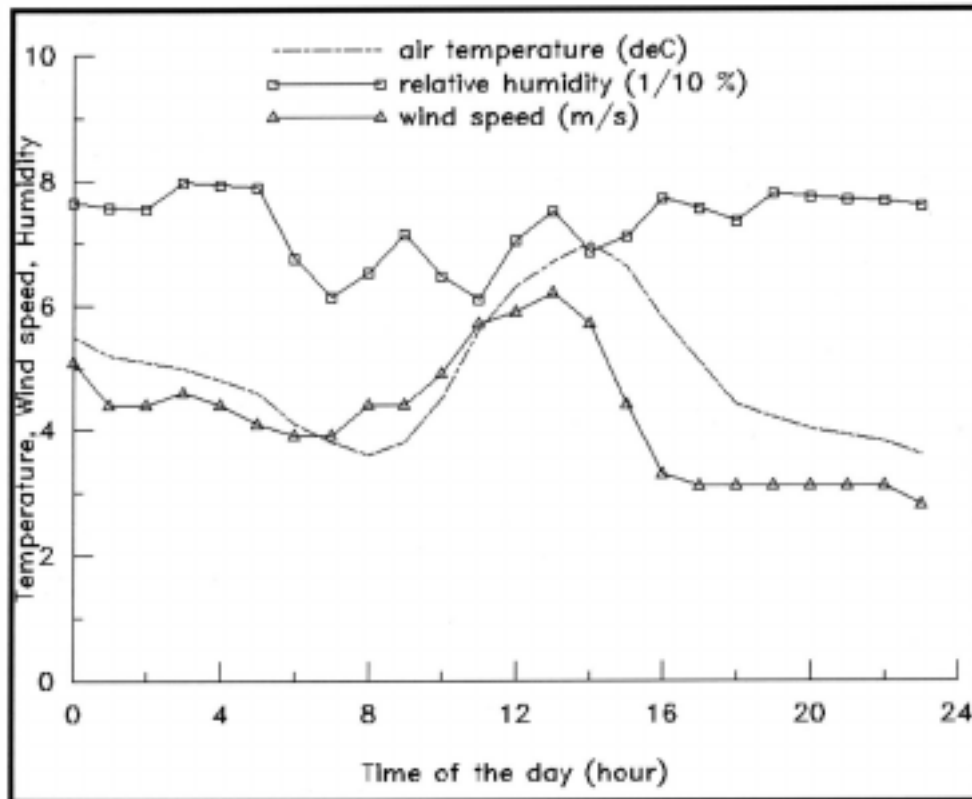Figure 5: Transport class dependency structure.

Figure 6a: Output from a simple site program ("Context_1a").
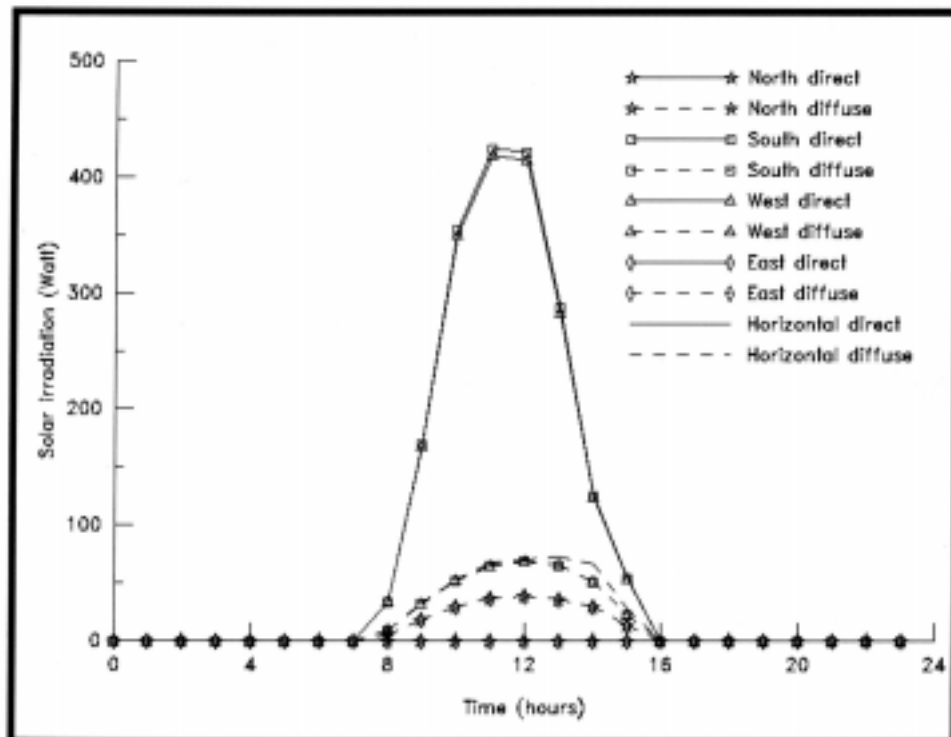

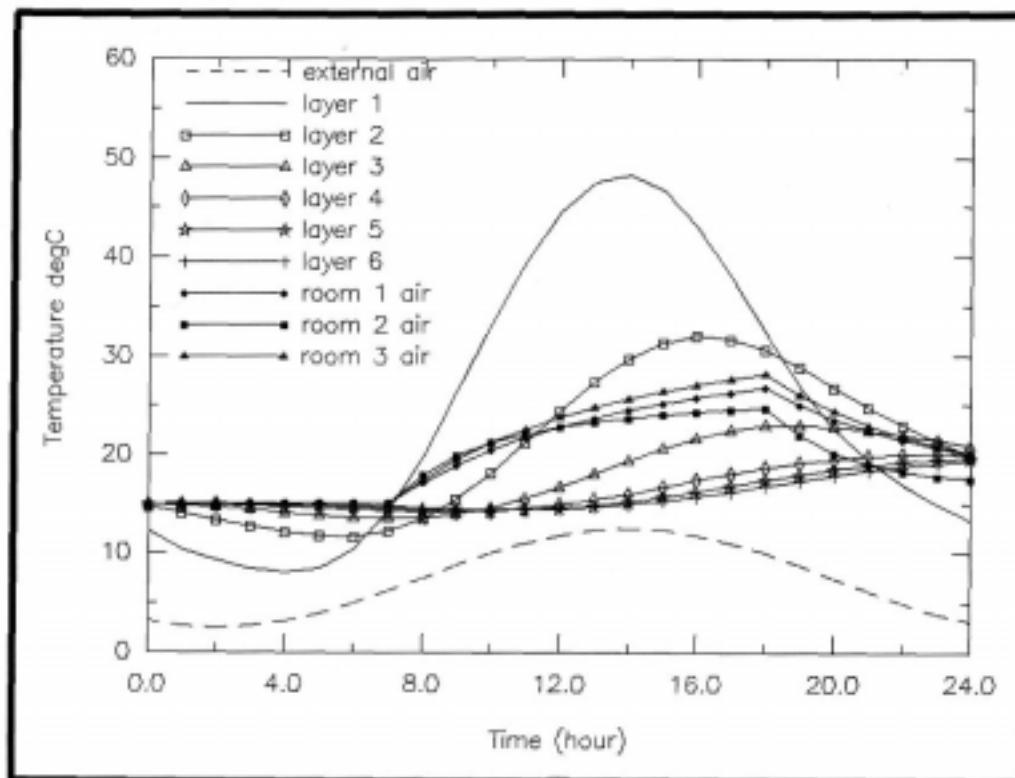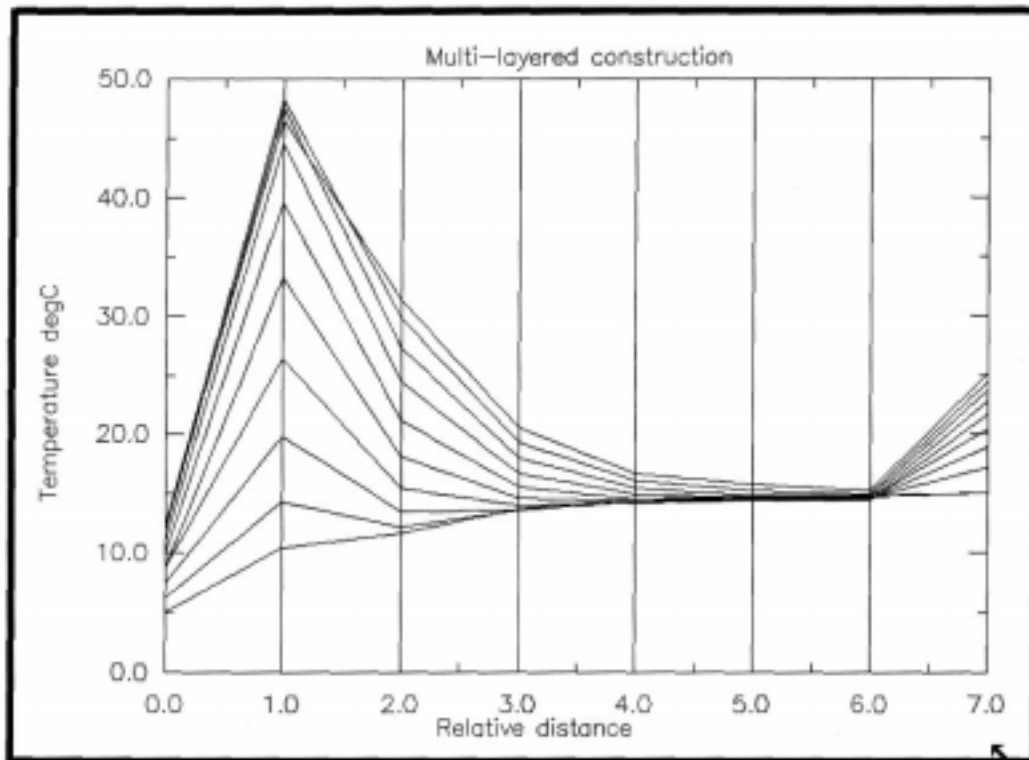Figure 6b: Output from a detailed site program ("Context_1b").

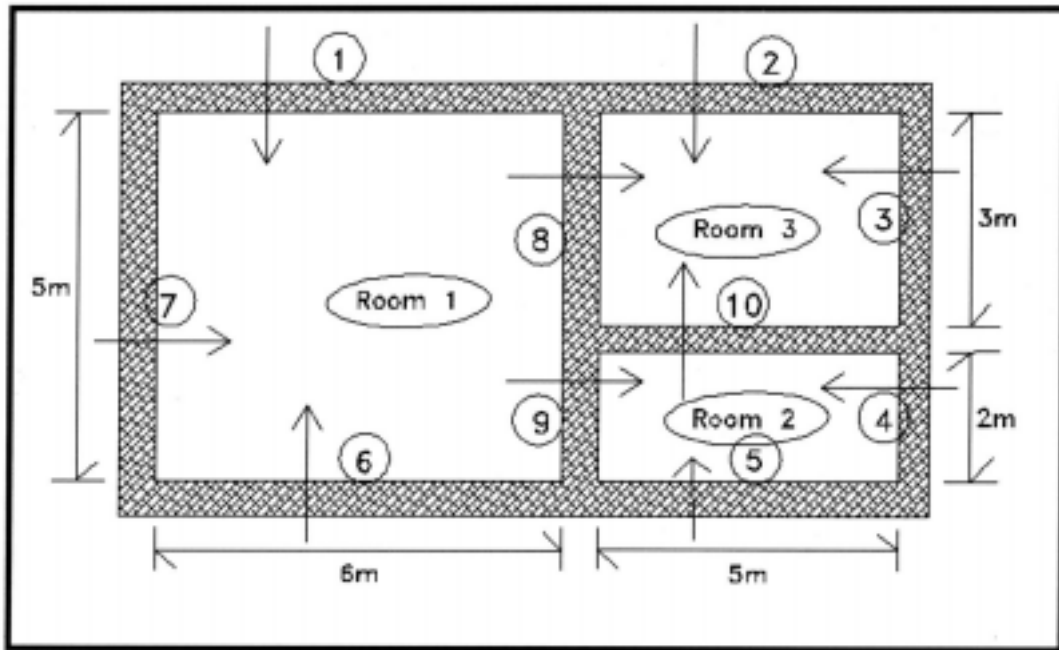Figure 7: Output from a dynamic construction program ("Context_3a").
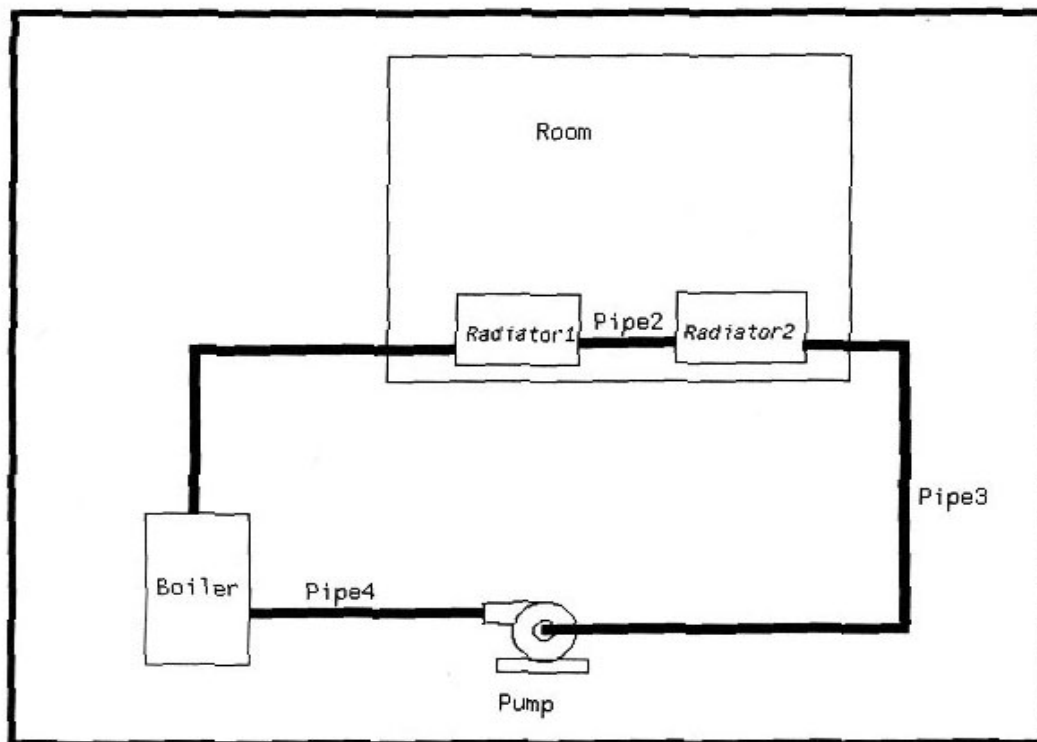
Figure 8a: Multi-zone problem for demonstration EKS program.

Figure 8b: Plant layout for EKS demonstration program.