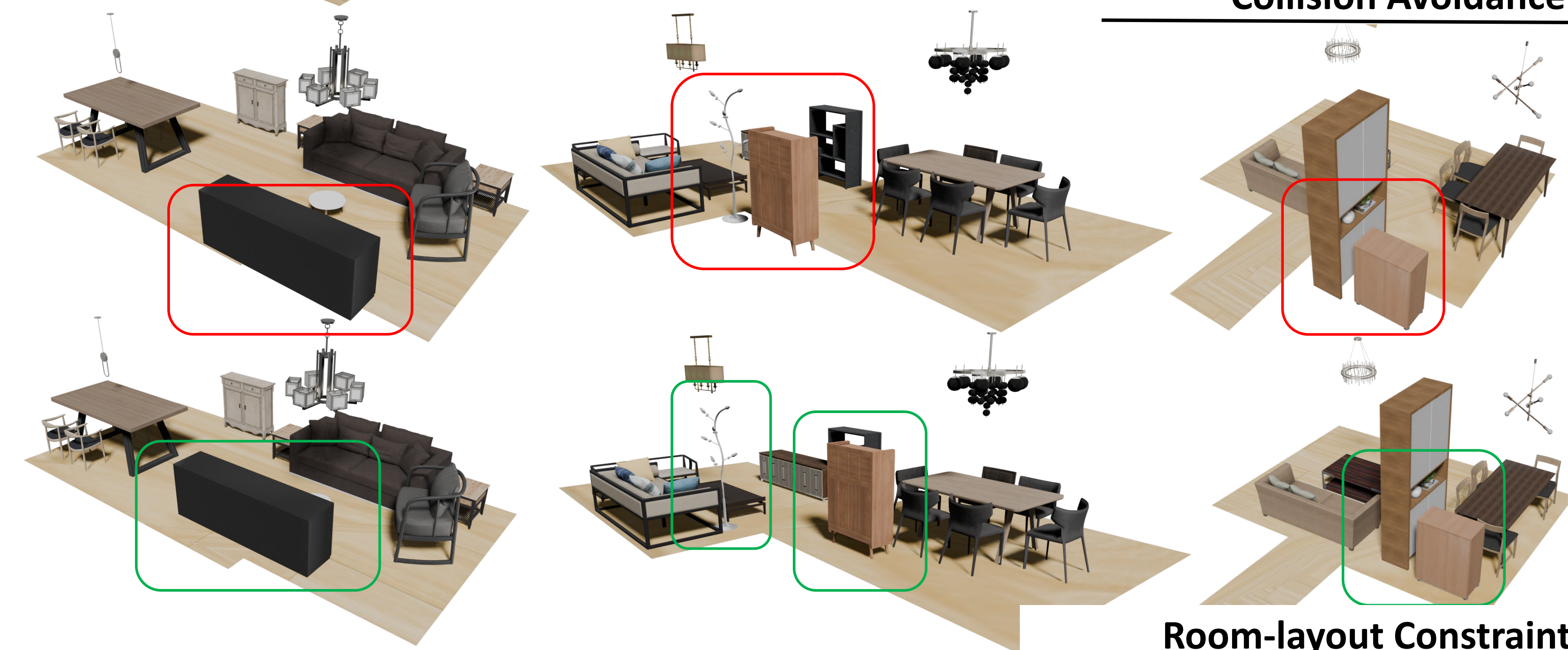
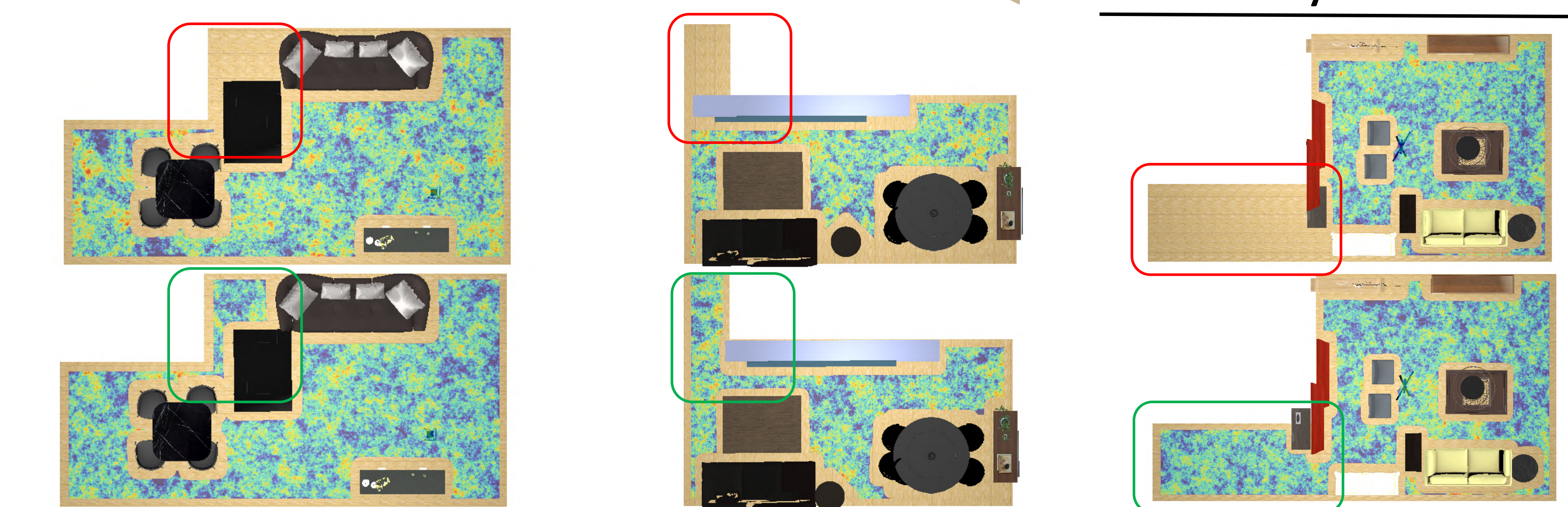


**Collision Avoidance**



**Room-layout Constraint**



**Agent Interactiveness**