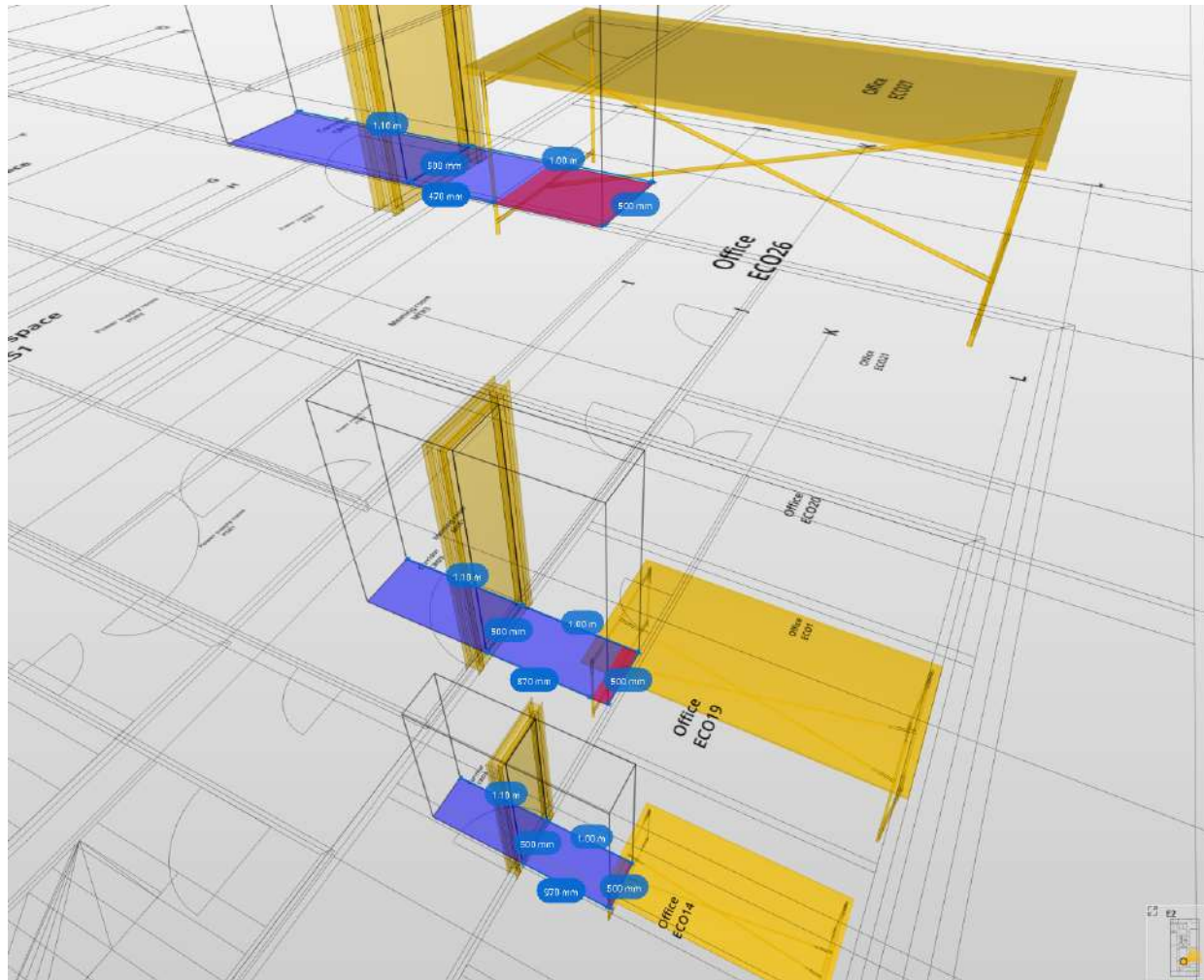# BIM.Fundamentals Assignment 2

Door Clearance Check

1. The doors of offices ECO 14, 19, and 26 do not meet the required clearance due to nearby furniture placement.
2. Move the Furniture away from the Door to meet the required clearance space.
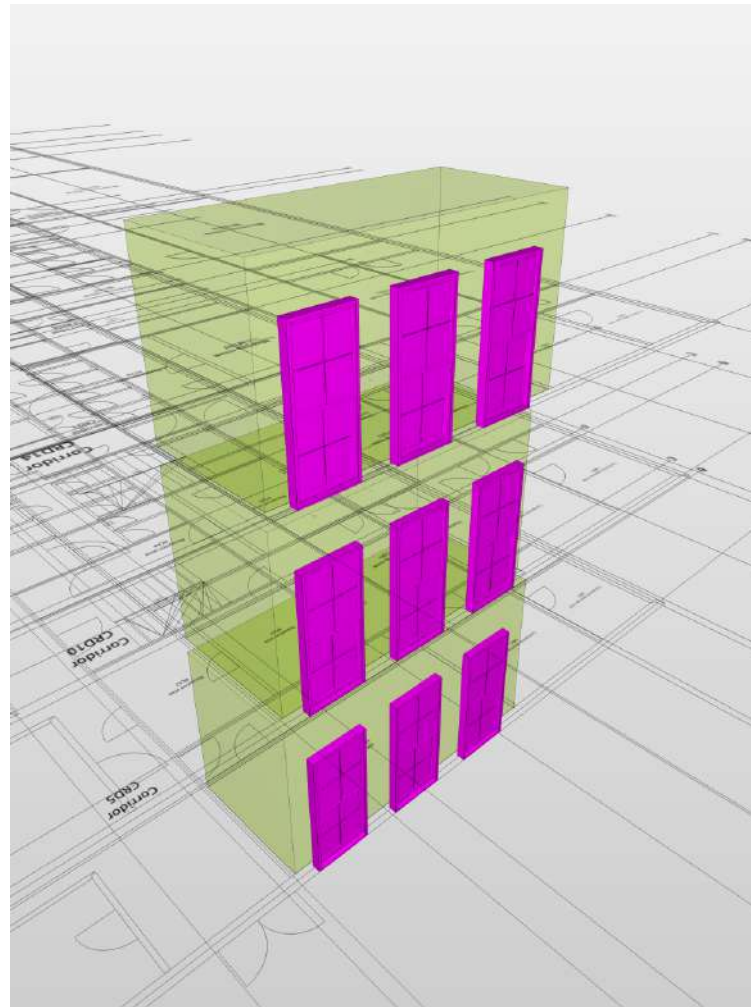
Tracking ID: 8

Window Area Ratio Check

1. In offices ECO 23, 11, and 16, the ratio between window area and room area exceeds 50%, which violates the requirement.
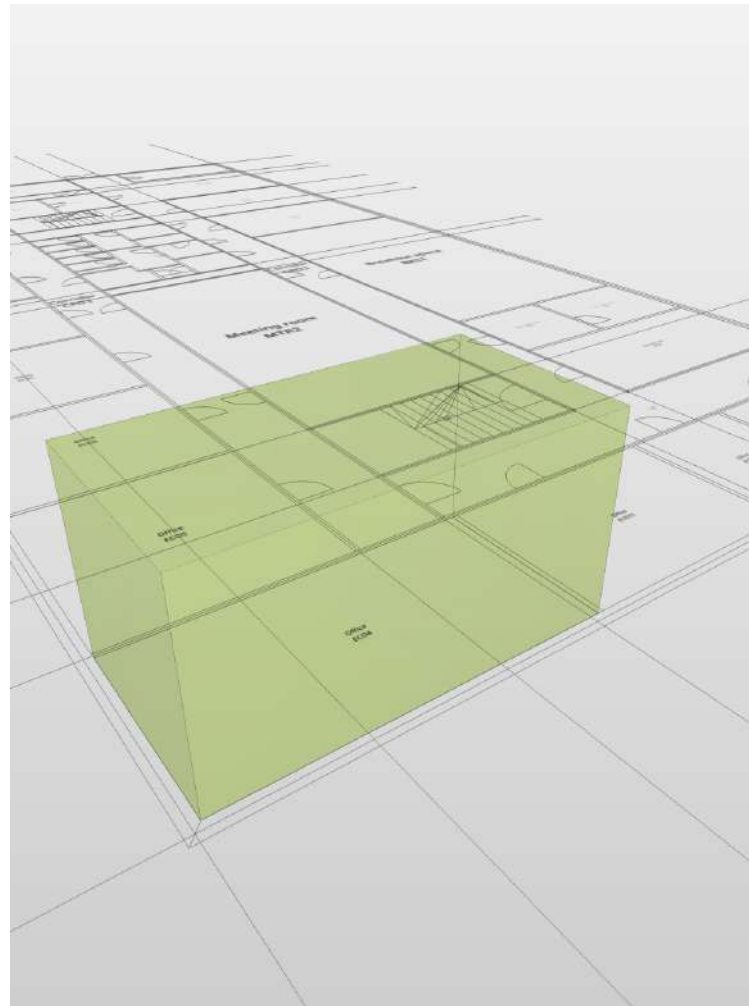2. Reduce the window area or increase the room size to fulfill the requirement.

E1, E2, E0

Space Accessibility Check

1. Office ECO 4 is inaccessible due to the lack of a connecting door.
2. A door should be added to this space to ensure proper accessibility.
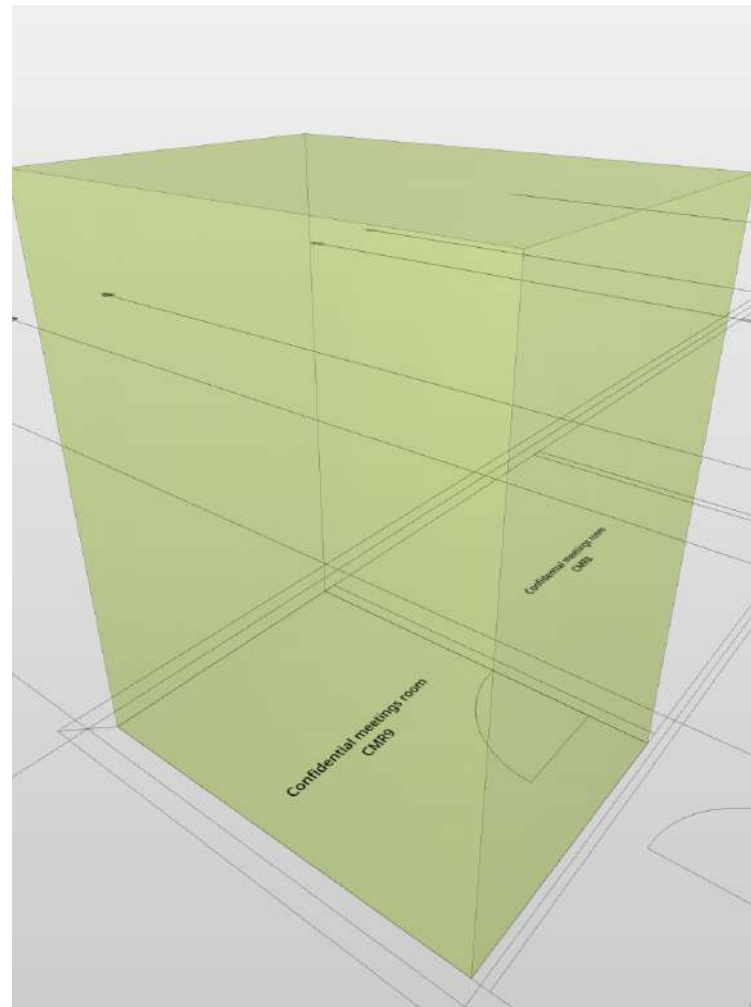
Tracking ID: 7

E0 Office[ECO4]

Space Area Check

1. The confidential meeting room CMR9 has an area smaller than 5 m², which violates the minimum area requirement.
2. The room layout should be adjusted or merged with adjacent space to meet the required minimum of 5 m².
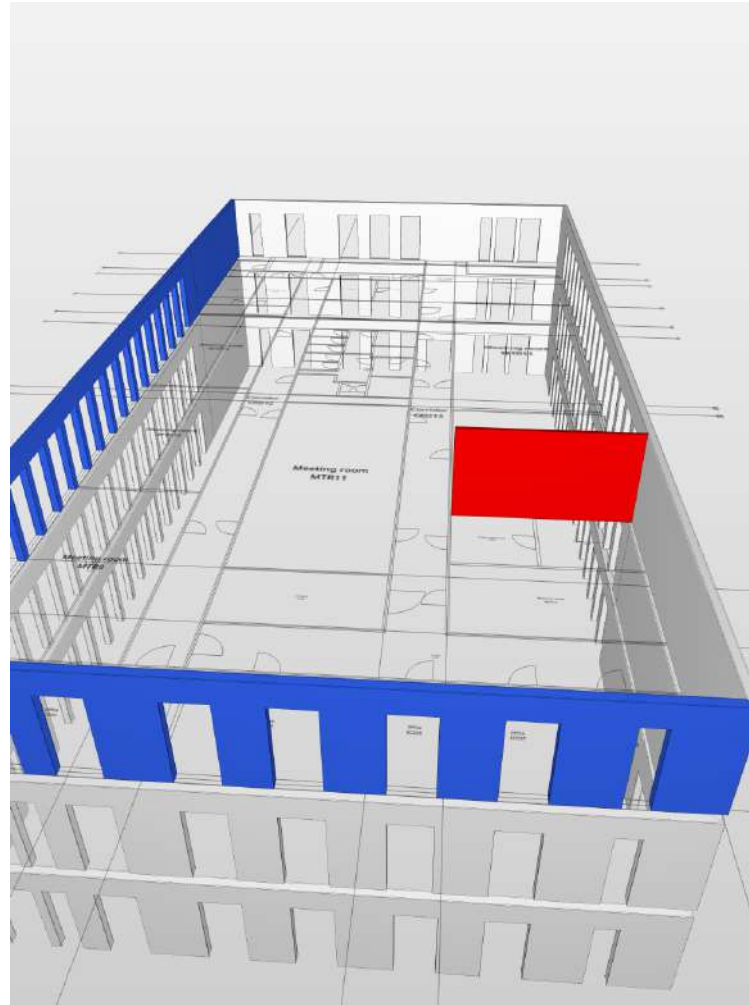
E2 Confidential meetings room[CMR9]

Wrong Property Set Check

1. Wall.2.38 is marked as isExternal = true, but it is located on the inner side of the building, which violates the definition of an external wall.
2. Reclassify this wall as internal (isExternal = false)

E2 Power supply room[PSR6], Power supply room[PSR5], Breakout space[BKS3]