

16.3 Space Boundary Layers

The A-AREA and A-AREA-CALC layers are used to delineate space within buildings. Closed polylines that represent the extent of the space shall be placed on the A-AREA-CALC layer. These will be used to calculate the square footage of the space. Hatch patterns used to indicate how the space is used shall have the same boundary and the corresponding closed polyline. Each hatch pattern on an A-AREA layer must have one closed polyline on the A-AREA-CALC layer, and vice versa. Tenant names or space uses may be added to the end of the A-AREA layer separated by a dash.

The A-AREA layer may contain overlapping polygons, especially in areas within spaces that are used for other purpose (e.g. a common use utility shaft within broader spaces used by a tenant). The A-AREA-CALC layer must have these internal areas (aka 'donuts') delineated so that the square footage is properly calculated. For this reason, no areas delineated on the A-AREA-CALC layer may overlap with another area on that layer.