

# **Evolving solutions of the hotel floorplan G-CAD application**

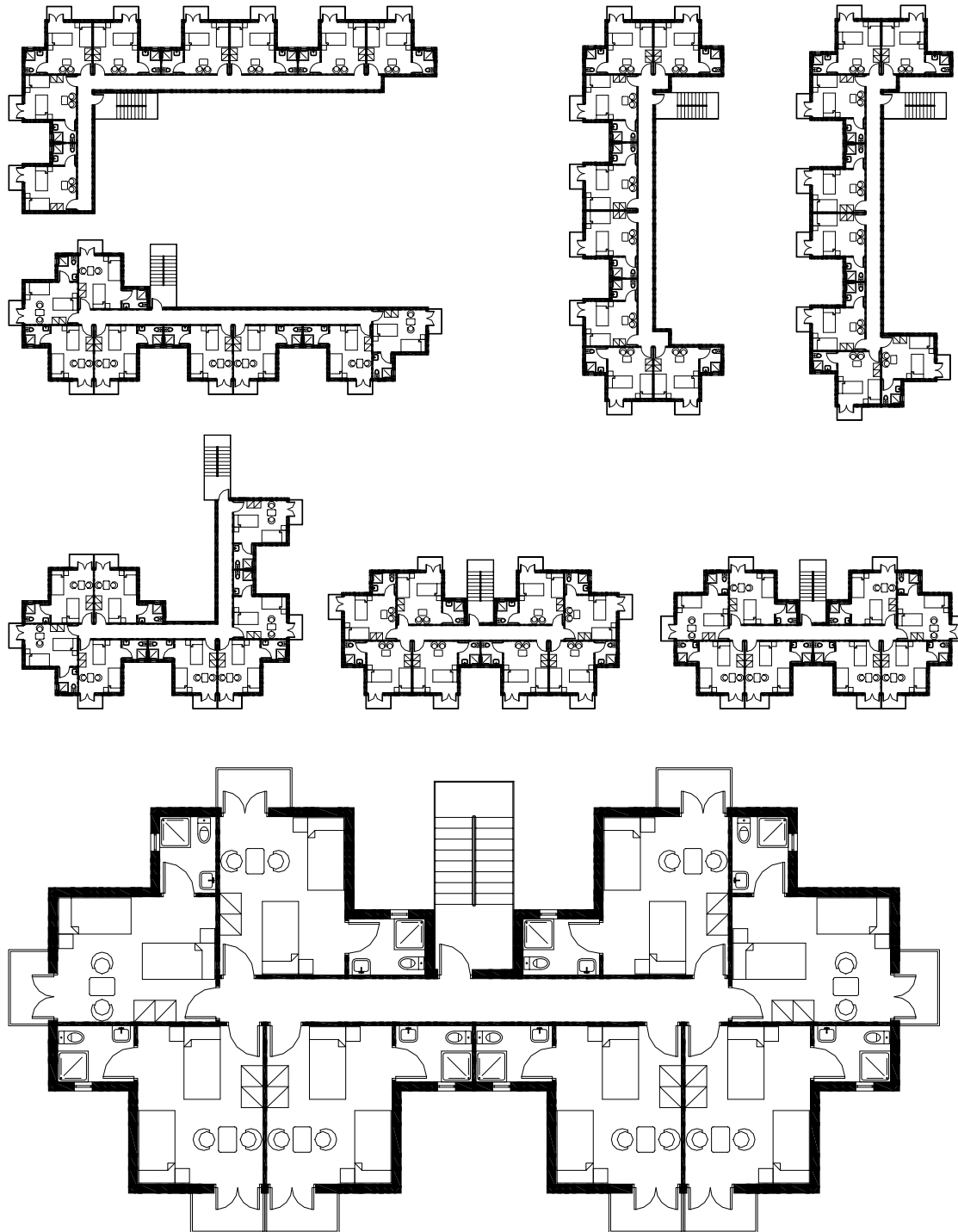


FIGURE 1

Graphic representation of evolving solutions of the hotel application (*G-CAD\_Documentation.PDF*: Appendix B). The solutions are presented here as architectural drawings in increasing fitness order from the top left to the right and from the top to the bottom. The best fitness unit, occurred in the 47<sup>th</sup> computational cycle, appears magnified.

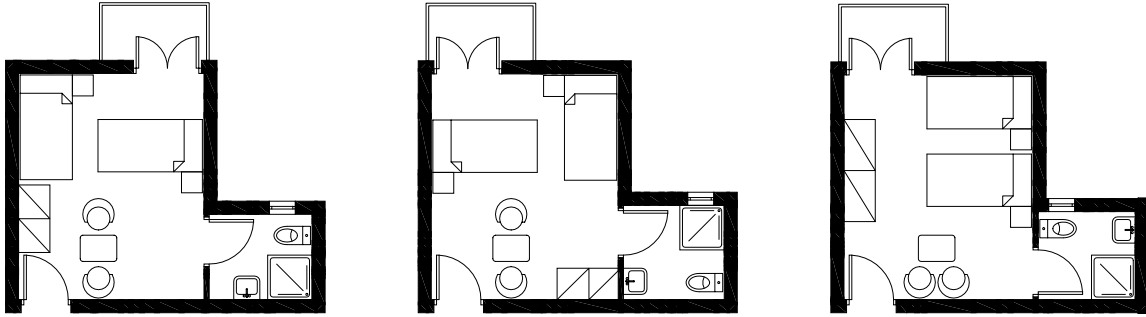


FIGURE 2

A simpler version of the design problem, concerning only the construction of the **TYPE\_R** Unit (*G-CAD\_Documentation.PDF*: Appendix B.3.2) without area minimization criteria, resulted to the solutions presented here as architectural drawings.