QR Related Goals or Learning Outcomes:

(a) knowledge and conceptual understanding:

* To read and interpret elements of a map (in this case zoning maps).
* To calculate a lot area, given the dimensions.
* To apply ratio and area calculations to build a 3D model of a building on a lot.
* To create a streetscape, using the above and following specific parameters for lot coverage and setbacks.

(b) thinking and other skills;

* To describe the possible effects of different FAR and zoning rules (such as provisions for setbacks, lot coverage, etc) to shape urban design (the streetscape, open space, etc).
* To explain and visualize graphically the effect of changes in zoning rules (i.e. changes in FAR).

(c) attitudes, values, dispositions and habits of mind?

* To engage in spatial thinking, interpreting the built environment in NYC and relating this back to use categories and zoning relations.