



Architecture
Landscape Design
Site Planning

Reisen Design Associates

Property location

15-21 Lexington Street Newton, MA

Proposed Building

Three story, 24 unit, residential building with underground and surface parking.

Date: 09.06.2019

Sustainable Design Strategies

The proposed residential building located at 15&21 Lexington Street has a team of professionals working collaboratively to provide for a building of limited impact on the site and the environment. The civil engineer, landscape architect and architect worked together to properly site the building in a manner that works with the topography and minimizes any unnecessary site disruptions. We took advantage of the drastic elevation change and maintained a compact building footprint and surface parking in order to maintain all of the mature growth of the wooded buffer to the rear of the property as an outdoor public space for the residents. Any new landscaping will be done out of durable drought tolerant plants as specified in our landscape plan.

Majority of the exterior façade will be clad in low maintenance materials (brick and metal cladding) that will increase the longevity and minimize material consumption in the future. Windows will be double pane, Low E, Energy Star windows with a clad exterior. LED lighting will be used throughout the project and the team will explore the feasibility of solar panels to offset some of the energy consumption. The underground parking garage will be outfitted with two (2) electric vehicle charging stations. All residential units will be thermally and acoustically separated from each.

The development team is made stronger by having a LEED Green Associate managing this project and considering all alternatives for us to go above and beyond what the building code required.