

SANGIOLO ASSOCIATES ARCHITECTS

Urban Design • Architecture • Landscape Architecture

9 Skecheconet Way, West Harwich, MA 02671

617 272 5402

archit@comcast.net

www.sangiolo.com

May 12, 2019

Narrative for Natural Resource protection and Energy Conservation for the project at 145 Warren Street, Newton MA.

Energy Conservation

Specified to be built to Energy Star Systems rating.

High performance exterior envelope.

Reduced air infiltration caulking system to be specified.

Energy Efficient mechanical systems.

Carbon Emissions

Part of the project is a restoration of a historic house and uses the imbedded energy in the existing construction.

Increase housing within a walkable distance to Village Center promotes walkable neighborhoods.

Sustainable Wood Frame construction.

Attempt to source materials locally as much as possible to reduce transportation.

Space for bicycles storage in garages.

A green roof is provided over the mid part of the building which will help reduce Urban Heat Sink effect.

Other Items

All drainage to remain on site to recharge water table.

Extensive planting with new trees replacing invasive species.

Minimal site lighting with dark sky fixtures to be used.

Thank you,

Mark Sangiolo, RA