

### **133 Essex Street, Hamilton, MA LID Handbook Compliance Project currently includes:**

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#### **Reduced road lengths**

o Roadway layout has been shortened as much as practicable.

#### **- Reduced parking lot impervious areas**

o Large parking areas have been avoided, minimum parking requirements were used.

#### **- Reduced paved right-of-ways**

o Sidewalk was provided on only one side of the road and a landscape buffer was included to break up continuous pavement areas.

o Pavement width was reduced to 22" based on input from the fire department

o Minimized cul-de-sac paving pavement was reduced to 20' wide around cul-de-sac with an internally grassed island based on input from the fire department

#### **- Reducing road widths**

o Road widths were reduced to 22' and the cul de sac was reduced to 20'

#### **- Uses natural stormwater treatment**

o Rain gardens and infiltration ponds were used for stormwater treatment and recharge throughout the property

#### **- Disconnected rooftop runoff**

o Roof runoff is either piped directly to rain gardens or collected by the stormwater system and treated before discharge

#### **- Disconnected non-rooftop runoff**

o Runoff from impervious areas of the site is treated before discharge from the development area

#### **- Minimized clearing of native vegetation**

o The development is a cluster development so that it avoids large areas of clearing. The entire development is concentrated on 15.9 acres (less than 28%) of Lot 1, which consists of 56.94 acres

#### **- Environmentally sensitive development**

o The project protects and preserves the 100' wetland buffer areas

o The project will create and preserve in perpetuity 41 acres of open space on Lot 1

o The project will and preserve in perpetuity 9.4 acres of farmland