

**Project Description**  
**670 King Street**  
**Franklin, Massachusetts**

**Existing & Proposed Conditions**

The subject property encompasses residential lot located southerly of King Street in Franklin, Massachusetts. Topography of the site is generally flat. A single-family home occupies the northwestern portion of the property. The central portion of the site is comprised of open lawn with scattered mature trees. An in-ground swimming pool, gazebo, and two sheds occupy the southeastern portion of the property. The southerly most portion of the site is forested. Wetland Resource Areas associated with the site include Bordering Vegetated Wetland (BVW).

The Applicant proposes to remove the existing in-ground swimming pool and construct a 1,500 square-foot garage (50'x 30') with a 240 square-foot attached porch (12'x 20') in its place. A concrete slab and knee wall will support the garage. Standard concrete footings will support the porch.

- Closest distance to BVW: 77.2 ft.
- Total proposed 100' BZ disturbance: 850 s.f.
- Total 0 – 25' BZ disturbance: 0
- Total 25'- 50' BZ disturbance: 0 s.f.

**Functions & Characteristics Statement**

Function & Characteristic	
1. <b>Public Water Supplies:</b> Distance from proposed project to nearest public well.	Approx. 6,152' W of the Camp Haiastan well ( <a href="http://www.massgis.ma.state.us">www.massgis.ma.state.us</a> ).
2. <b>Private Water Supplies:</b> Distance to nearest private wells.	No data.
3. <b>Groundwater:</b> Depth to groundwater as well as impacts associated with construction (i.e. digging & blasting) and operations (water use, use of toxic or hazardous materials and storm water management).	Depth to groundwater is 0 - 6.0" (USDA SCS, 1989).
4. <b>Flood Control:</b> Work within floodplain must address compensatory storage.	Based on the <i>Federal Emergency Management Agency Flood Insurance Rate Map</i> for the Town of Franklin, Massachusetts, (Map No. 25021C0316F), the site is located within Zone X (non-shaded), <i>Areas determined to be outside the 0.2% annual chance floodplain.</i>
5. <b>Erosion &amp; Sedimentation Control:</b> This item must be addressed for both the construction and post construction conditions at the property.	Erosion controls will be installed prior to the start of construction activities. Erosion controls will be properly maintained and will remain in place until

	all disturbed soils have been stabilized and re-vegetated. Erosion and controls will be inspected daily and especially after significant rain events. Erosion control inspectors will keep a log of all inspections and maintenance and will provide copies of those logs to Conservation staff and Commissioners upon their request.
<b>6. Storm Damage Prevention:</b> Address whether the project will have an adverse effect on the way that the wetland or floodplain will be able to minimize water and wind related impacts during large scale storm events.	No direct impacts to wetland or flood plain. See #4 above.
<b>7. Water Quality:</b> This item must be addressed for both the construction and post construction conditions. This item will address the quality of the surface waters associated with the resource area being impacted by the project.	See #4 & #5 above.
<b>8. Water Pollution Control:</b> This item must be addressed for both the construction and post construction conditions at the property.	See #4, #5 & #7 above.
<b>9. Fisheries:</b> Reserved for work taking place adjacent to ponds and perennial streams. This response must address both the construction and post construction conditions at the property.	Not applicable.
<b>10. Shellfish:</b> Not applicable in Franklin	Not applicable
<b>11. Wildlife Habitat:</b> This item must be addressed for both the construction and post construction conditions at the property.	According to the <i>Massachusetts Natural Heritage and Endangered Species Program</i> habitat map, the site is not located within an Estimated Habitat of Rare Wildlife or a Priority Habitat of Rare Species.  Proposed garage location is currently comprised of manicured lawn.
<b>12. Rare Species Habitat (including rare plant species):</b> This item must be addressed for both the construction and post construction conditions at the property.	See Item #11 above.
<b>13. Agriculture:</b> This item must be addressed for both the construction and post construction conditions at the property.	Not applicable
<b>14. Aquaculture:</b> To date there are no aquaculture operations in Franklin.	Not applicable.
<b>15. Recreation:</b> This item must be addressed for both the construction and post construction conditions at the property and include both passive and active recreation.	Not applicable.

## **Erosion & Sedimentation Control Plan**

Erosion and sedimentation controls consisting of a silt sock or similar will be installed prior to the start of construction activities. Erosion and sedimentation controls will be properly maintained and will remain in place until all disturbed soils have been stabilized and re-vegetated. Erosion and sedimentation controls will be inspected at regular intervals. The site will be kept clean throughout the construction process. All debris, trash, etc will be picked up and properly stored or disposed of before the end of each day. Erosion control inspectors will keep a log of all inspections and maintenance and will provide copies of those logs to Conservation staff and Commissioners upon their request.

### **Erosion Control Inspectors**

Russell Waldron (AES)  
508-740-0438

## **Construction Sequence & Schedule**

1. Record the Order of Conditions at the Registry of Deeds and provide proof of the recording to the Commission prior to the start of clean-up activities.
2. Prominently display the DEP File Number at the site.
3. Install the erosion controls.
4. The erosion controls will be inspected prior to the start of construction activities. The inspector will supply the Conservation Department with a letter stating that the erosion controls are installed according to the plan and that the erosion controls will be maintained until a Certificate of Compliance is issued.
5. Remove the existing pool and fill the remaining hole.
6. Prep the garage location for pouring the concrete slab.
7. Construct garage and porch.
8. Soil test for infiltrator unit.
9. Install infiltrator unit.
10. Re-seed disturbed lawn areas.