

Tim,

Attached are Options 1 & 2 for possible site layouts for a new firehouse. I have kept the layouts very conceptual just to give you an idea of how they could work. Each was done as an overlay of the existing conditions so you can see the extent of the proposed Options. Both allow you to see the extent of hardscape and landscaped areas impacted by the layouts. In both Options, the 4-bay layout assumes that the ambulance is located within the new facility.

More detailed work can be undertaken if the Town decides to move forward with one of the Options. In both Options, we have not impacted the septic system or encroached on the wetlands or wetland buffer. It is likely that the additional plumbing fixtures for the firehouse would require its own septic system, or an increase to the leaching field size of the existing.

**Option 1 utilizes most of the existing firehouse footprint.** We did not reuse the exact footprint as it is already inadequate, of a difficult shape and the cost/benefit for such a design makes no sense. The total facility size is approximately 3,990 sq. ft. The impact to the site is minimal, but the ensuing building is also minimal. Perhaps the biggest downside is that the station must be completely demolished before the new building can be built. Apparatus and operations would need to be relocated. I'm not sure of construction timeframes on the island, but I assume abatement, demolition and construction would be approximately 12 months.

**Option 2 utilizes the existing Town Hall parking area.** The total facility size is approximately 5,220 sq. ft. which should be enough to serve the town for many years to come. The total parking is increased to 25 spaces (includes existing ADA space) which is 9 more spaces than the current 16. The firehouse can be built in its entirety while the existing facility is in use. The downside, parking will be limited until the existing building is abated, demolished and the site work can be completed. I assume the time frame for disruption to the Town Hall parking would also be approximately 12 months.

I have not utilized any additional property to the north of the Town Hall property. To do so would cross the wetlands and probably create environmental issues that could not be overcome or would cause serious budget issues. **If we utilize the property to the north, please refer to our original study as to size and configuration of a proposed new firehouse.** Please let me know what else you need for this initial phase of work. I believe I've addressed the 5-6 issues identified in our 11/16/17 phone call with Mr. Malkin, Ms. Doty and you. Thanks Dennis

**Dennis A. Ross, AIA, *Director of Emergency Services Market*, Pacheco Ross Architects  
a division of H2M architects + engineers**

Tim, please distribute and let everyone make comments. I'll either address comments with additional comments or do more sketching if needed. My best to the senior Selectman and a speedy recovery.  
Dennis

**Dennis A. Ross, AIA**

**From:** [execsec@chilmarkma.gov](mailto:execsec@chilmarkma.gov) [<mailto:execsec@chilmarkma.gov>]  
**Sent:** Friday, December 15, 2017 3:10 PM  
**To:** Dennis A. Ross <[DRoss@H2M.com](mailto:DRoss@H2M.com)>  
**Subject:** RE: Chilmark, MA Firehouse Options

Dennis

Thank you for this report. I was just telling everyone that I hadn't received any items for Tuesday's agenda and was going to ask permission to cancel the meeting.

I am thinking that I could distribute your report as it is to the committee and board, or I could say you have another week to make any additions to it. What would you prefer?

Best wishes for a Happy Holiday season!

Tim