

**BUILDING COMMITTEE Joint with
BOARD OF SELECTMEN
MINUTES June 5 2013
APPROVED**

Building Committee: Susan Daly; Mike Bouchard, Clerk; Don Black; Steve Webber;

Also Present: Mark W. Haddad, Town Manager; Chief Joseph Bosselait; Patrice Garvin, Executive Assistant; Don Walter and Allan Brown Dore and Whittier (on Phone); Gale, Tim McGivern, Nitsch Engineering, OPM

Ms. Daley called the meeting to order at 9:05am. Document Nitsch Engineering Peer Review

Mr. Haddad stated that the groundwater at the fire site was higher than thought and the drainage needs to be redesigned. Nitsch Engineering has done a peer review and the report was sent to the drainage designer Gale Associates. Ira Grossman, BOH Agent also visited the site and reported that the groundwater was at 2 feet. Mr. McGivern was concerned with the design of the system. Mr. Haddad noted a discrepancy in the amount to address drainage; Gale is stating it would cost \$11k and TLT would be 32k.

John Perry of Gale Associates stated that he went out to the site and looked at the soil. Mr. Perry agreed with Mr. Grossman's assessment of the site. Mr. Haddad asked if the back of the site was tested. Mr. Perry stated that back of the site was tested. Mr. Perry was unsure how the groundwater level was missed. Mr. Black noted the high groundwater level will be where the snow will be stored on the site.

The detention chambers were discussed. The TLT representative stated that there is currently 4 inches of water in the detention pipes. Mr. Perry noted that it was capped and the drainage system has not been completed. Mr. Haddad pointed out the commitment made to the abutters that the water flow would improve not worsen. Mr. Haddad added that the system was designed with groundwater at 14 feet therefore there could be a problem with the neighbors. Mr. Perry stated that there would be no problem and that the discharge off the site would be slow. Mr. Haddad wanted the system to be able to handle the groundwater and the runoff. Mr. Perry stated that the system would handle both as designed and permitted. Mr. McGivern had concerns with the system. Mr. Black stated that there were two issues, groundwater and runoff. Mr. McGivern stated that the original system design was for runoff not groundwater because groundwater was not seen as a problem. Ms. Collette reminded the Board that the professional standards in town is to assure abutters not no increase to runoff. Mr. McGivern stated that the system would not meet those standards because of the high groundwater.

Mr., Haddad stated that there needed to be more storage on site and suggested digging out the pond. Mr. Perry stated digging deeper would not solve the problem. Mr. Webber asked if there was any different once a building was on the site. Mr. Perry stated that the building would only displace the water and make no changes to runoff. Mr. Perry stated more could be deduced one system was completed.

Mr. Black asked based on the current design and if 12 inches of rain was dropped on it what would happen. Mr. Perry stated that there would be some flooding in and outside of the site, but the system was designed for a 100 year storm event. Mr. Perry stated that the retention areas could be made longer, which may help. Mr. McGivern stated that in a 100 year event the runoff would be higher than what was shown in the stormwater report. Mr. Haddad stated that drainage needed to be redesigned. Nitch also noted a stormwater quality issue.

Mr. Haddad asked about a solution and the need to have answers for TLT so they can move forward. Mr. Haddad also needed to know the cost of the improvements. Ms. Collette suggested that Mr. McGivern and Mr. Perry get together and talk and come to a solution. Mr. Haddad noted the \$11k verses \$32K and ask Mr. McGivern to verify the costs. Mr. Perry stated that a cost estimate could come sometime next week. Mr. Walter noted that groundwater can be all over the site and determining its accuracy is more difficult. Mr. Haddad stated regardless of reason there is an added cost and that the groundwater could have been determined through soil

testing. Mr. Walter stated that the underground is hard to predict. Mr. Black noted there seemed to be ordered weekly. Mr. Haddad stated that there has been only one approved change order for the project.

Meeting adjourned at 10:20am
Respectfully submitted,
Patrice Garvin,
Executive Assistant