

To: Nipun Jain
Office of Community and Economic Development
Amesbury, Massachusetts

Date: August 11, 2011

From: Dominic Rinaldi

Proj. No. 8-9492.03

Re: Quimby Lane Subdivision
August 11, 2011 Site Visit Report

On Thursday, August 11, 2011, Dominic Rinaldi of BSC Group was on site at the Quimby Lane subdivision to review ongoing construction work on behalf of the Town of Amesbury Planning Board (Board) in accordance with the Town of Amesbury's Subdivision Rules and Regulations and the Board's April 11, 2011 decision on the project. The primary purpose of the site visit was to review the installation of the 8-inch DICL water main as well as the recently completed installation of sewer and storm drainage structures.

WEATER: Sunny and warm, 75 F, with little to no wind

OBSERVATIONS:

1. Current work is limited to installation of the 8-inch DICL water main within the right-of-way for Quimby Lane. Work is proceeding towards the southwest from Lion's Mouth Road towards the Quimby Lane cul-de-sac. Approximately one-half of the water main including the easternmost fire hydrant has been installed. The Contractor pointed out that, although no bend fittings are specifically shown on the construction drawings, they have had to install two 22.5-degree bends due to the limited deflection allowable in 8-inch DICL pipe. These bends have been appropriately installed with mechanical joint fittings and tie-rod restraints. The remainder of the required bowing in the main has been created through deflection at the joints. This deflection appears to be within the allowable tolerance for 8-inch DICL pipe. Sleeves are being installed beneath the water main to allow for the installation of sewer services without the need to excavate beneath the main. It appears that pipe installation is being performed in accordance with the project plans and specifications and with standard construction practices.
2. Earlier this week, the Contractor installed each of the storm drain and sewer structures. No drainage or sewer piping has been installed to date and frames and covers/grates have also not yet been installed. Based on the limited observations possible, it appears that these structures have been installed in accordance with the project plans and specifications and with standard construction practices.
3. Clearing and grubbing of the site has been completed and most of the bulk grading for the Quimby Lane right-of-way has been performed. Erosion and sedimentation controls have been installed per the project requirements including haybales and silt fence and a crushed stone construction entrance at Lion's Mouth Road.
4. Water and sewer main connections at Lion's Mouth Road have been completed. The water connection was relocated several feet northwest from the location shown on the project plans due to existing bends in the main in Lion's Mouth Road. This should be noted on the project as-built plans. The Contractor informed BSC that appropriate Town representatives were on site to witness these connections.
5. The former barn on Lot 14 has been demolished and renovations have begun on the existing house to remain on this lot. Some earthwork has been performed behind the house as well.
6. The concrete foundations for the house and detached garage on Lot 1 have been constructed. The Contactor informed BSC that the garage foundation was set approximately 1-foot higher than shown on the plans (approximately 140.0' versus 139.0' shown on plans) to reduce the cross slope on the driveway. It does not appear

that this change is significant enough to alter the designed drainage patterns and should be noted on the project as-built plans and any lot plans that may required by the Building Inspector.

ISSUES TO BE ADDRESSED:

There are no issues to be addressed at this time.

Author's Note: Photographs of the work were taken. However, due to a technology issue, these photos have been temporarily rendered unusable. If these photos can be restored, this report will be reissued to include the applicable photos.

Note: Any errors or omissions to this site visit report content should be reported, in writing, to the author within five (5) working days from the date of distribution to ensure reissue. Failure to do so establishes the following as record copy.

cc: G. Davies, BSC
J. Lederer, BSC