

Ann Morgan

From: Joe Laydon
Sent: Monday, November 30, 2015 8:52 AM
To: 'Steven Venincasa' (sv@casarealty-builders.com); John Grenier (jmgrenier@townisp.com)
Cc: Ann Morgan
Subject: FW: Gristmill Village - Proposed Subdivision

Steve and John,

The waiver request for fill over the water line is not supported by the water department. Please see the email below and you will need to make changes to the final plans prior to endorsement.

Joe

From: Jeffrey Walsh [<mailto:JWalsh@gravesengineering.com>]
Sent: Monday, November 30, 2015 8:41 AM
To: Matt Pearson
Cc: Joe Laydon
Subject: RE: Gristmill Village - Proposed Subdivision

RECEIVED

NOV 30 2015

**PLANNING BOARD
GRAFTON, MA**

Matt,

Thanks for the reply and your help with this.

Joe – I'm in agreement with Matt concerning the applicant's request to reduce the cover over the water main. Please let me know if you need anything else from me.

Thanks,

Jeff

From: Matt Pearson [<mailto:graftonh20@aol.com>]
Sent: Wednesday, November 25, 2015 4:55 PM
To: Jeffrey Walsh <JWalsh@gravesengineering.com>
Subject: Re: Gristmill Village - Proposed Subdivision

I would prefer to go under

Sent from my iPhone

On Nov 25, 2015, at 3:20 PM, Jeffrey Walsh <JWalsh@gravesengineering.com> wrote:

Matt,

Thanks for getting back to me.

The invert of the sewer main will be about 5.6 feet below finished grade. Add separation to the water main (I'm assuming one foot) will put the crown of the water main at about 6.6 feet if it goes under.

Jeff

From: Matt Pearson [<mailto:graftonh20@aol.com>]
Sent: Wednesday, November 25, 2015 11:07 AM
To: Jeffrey Walsh <JWalsh@gravesengineering.com>
Subject: Re: Gristmill Village - Proposed Subdivision

How deep to go under

Sent from my iPhone

On Nov 25, 2015, at 10:29 AM, Jeffrey Walsh <JWalsh@gravesengineering.com> wrote:

Good morning Matt,

I called your office but April suggested that I send an e-mail to you.

I have a question for you concerning the proposed Gristmill Subdivision that we're reviewing for the Grafton Planning Board. The applicant is requesting a waiver from the Subdivision Rules and Regulations requirement that the water main have five feet of cover. They're requesting a waiver for three feet of cover at the intersection of the new street and Pleasant Street; the waiver request appears to be due to a conflict with the new sewer main that will be installed along Pleasant Street and into the subdivision. The sewer can't be lowered.

I reviewed the plans and see that in order to provide 18" of clearance with the water over the sewer, there will be cover over the water of 2.6 feet to 3.0 feet. Alternatively, they could put the water under the sewer if they use the appropriate pipe materials and pressure testing protocol.

Anyway, I'm trying to provide the Planning Board with some guidance re: whether or not to approve the waiver request for allowing three feet of cover over the water main. Any recommendations or guidance that you could provide would be helpful.

Thanks,

Jeff

JEFFREY M. WALSH, P.E.
Vice President

GRAVES ENGINEERING, INC.
100 GROVE ST | WORCESTER, MA 01605
T 508-856-0321 ext 109 | F 508-856-0357
gravesengineering.com