



December 14, 2021

**Medway Planning & Economic Development Board
Meeting**

Harmony Village Field Change

- 12-6-21 field change request email from project engineer Drew Garvin with revised grading sketch

Susan Affleck-Childs

From: Bouley, Steven <Steven.Bouley@tetrattech.com>
Sent: Wednesday, December 8, 2021 1:31 PM
To: Drew Garvin
Cc: gary FELDMAN; Picard, Brad; Paradee, Tucker; Susan Affleck-Childs
Subject: RE: Harmony Village Construction
Attachments: HV parking layout.pdf

Hi Drew,

I have cc'd Susy to this message since a plan will need to be provided to memorialize these changes to the drainage and the wall.

Comments:

1. Does the wall now extend across the front of the parking spaces?
2. It appears there is almost a 2 foot rise in pavement grade from where the 232 contour hits the proposed wall to the 234 spot grade (assuming that the 234 is pavement grade). This is approximately 15% across those spaces which is not an ideal condition.

Steve

Steven M. Bouley, PE | Project Manager
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From: Drew Garvin <dgarvin@meridianassoc.com>
Sent: Tuesday, December 7, 2021 2:36 PM
To: Bouley, Steven <Steven.Bouley@tetrattech.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

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Hi Steve,

We are proposing to adjust the proposed wall and grades for the two parking spaces behind unit 2 (see sketch attached). This will help ease the transition from unit 2 (and bulkhead) to the parking.

Let us know if you have any questions/issues.

Thanks,

Drew



Drew Garvin
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From: Bouley, Steven <Steven.Bouley@tetrattech.com>
Sent: Monday, December 6, 2021 10:09 AM
To: Drew Garvin <dgarvin@meridianassoc.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

Thanks Drew, this is all set, please reflect the separate lines on the as-built.

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From: Drew Garvin <dgarvin@meridianassoc.com>
Sent: Friday, December 3, 2021 11:21 AM
To: Bouley, Steven <Steven.Bouley@tetrattech.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

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Hi Steve,

I have attached sketches for the roof drain pipe layouts for discussion along with our original sizing calc sheet. For the Quad, the original calcs assume only two 6" pipes for the entire roof (4 units). The contractor has broken it up into 4 separate 4" lines entering separately onto the chambers (DW-2). The 4" piping should be more than adequate based on this configuration.

Similarly for the front (existing) houses, the calcs assume one 6" pipe for both houses. This has been broken up into 3 separate 4" lines which should be more than adequate. A 6" pipe will be installed where the two lines meet and enter the chambers (DW-1) per the sketch (and original plan).

Please let us know if this is acceptable.

Thanks,

Drew



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From: Bouley, Steven <Steven.Bouley@tetrattech.com>
Sent: Thursday, December 2, 2021 3:52 PM
To: Drew Garvin <dgarvin@meridianassoc.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: Re: Harmony Village Construction

Hi Guys,

Tucker was out inspecting the roof drain piping today and noted the contractor used 4" pvc rather than the 6" that was proposed.

Drew, please confirm your design as it is another change to the approved plans and we want to ensure all roof drain piping has sufficient capacity, thanks.

Steve

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From: Drew Garvin <dgarvin@meridianassoc.com>
Sent: Wednesday, December 1, 2021 8:44:05 AM
To: Bouley, Steven <Steven.Bouley@tetrattech.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

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Hi Steve,

After meeting with Phil this morning, the original SK works (only one 22 bend), there just will be approximately 8" of concrete left between the two cores in the 7/8 o'clock area (see revised SK attached).

This should not compromise the structure.

Let us know if this is acceptable.

Thanks,

Drew



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Please consider the environment before printing this e-mail

From: Bouley, Steven <Steven.Bouley@tetrattech.com>
Sent: Tuesday, November 30, 2021 3:37 PM
To: Drew Garvin <dgarvin@meridianassoc.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

Hi Drew, why can't an additional manhole be installed so all runs are straight? I get that you're trying to save money but ultimately this is just another band aid.

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From: Drew Garvin <dgarvin@meridianassoc.com>
Sent: Tuesday, November 30, 2021 12:34 PM
To: Bouley, Steven <Steven.Bouley@tetrattech.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

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Hi Steve,
After discussions with Brad today on site, the contractor (Phil George) has indicated that an additional elbow will likely be required (45) from DMH-2 to the CDS unit for the alignment to work properly and allow for enough concrete between O.D. of pipes. If needed, it will be located just beyond the structure to allow for access.
Let us know if this is acceptable. He is planning to install tomorrow morning.
Thanks,
Drew



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Please consider the environment before printing this e-mail

From: Bouley, Steven <Steven.Bouley@tetrattech.com>
Sent: Monday, November 29, 2021 11:21 AM
To: Drew Garvin <dgarvin@meridianassoc.com>
Cc: gary FELDMAN <superj90@verizon.net>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>
Subject: RE: Harmony Village Construction

We are ok with this change, please let us know when it will be installed.

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From: Drew Garvin <dgarvin@meridianassoc.com>
Sent: Tuesday, November 23, 2021 4:29 PM
To: Bouley, Steven <Steven.Bouley@tetrattech.com>
Cc: gary FELDMAN <superj90@verizon.net>
Subject: RE: Harmony Village Construction

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Hi Steve,

I have attached a sketch for the revised DMH-2 structure.

The contractor has an uncured standard DMH (4' I.D.) that can be installed. There is not enough room for a 5' I.D. DMH in this location. I think the new DMH location and pipe inlets should work without compromising the structure (18" minimum between outside dia. of pipes). We are just proposing one 22.5 degree bend immediately before the CDS unit to allow for proper alignment.

Please review and let us know if acceptable. Feel free to call me on my cell to discuss.

Thanks,

Drew



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Please consider the environment before printing this e-mail

From: Bouley, Steven <Steven.Bouley@tetrattech.com>

Sent: Monday, November 22, 2021 10:51 AM

To: Susan Affleck-Childs <sachilds@townofmedway.org>

Cc: gary FELDMAN <superj90@verizon.net>; Drew Garvin <dgarvin@meridianassoc.com>; Peter Pelletier <ppelletier@townofmedway.org>; Barry Smith <bsmith@townofmedway.org>; Jack Mee <jmee@townofmedway.org>; Jeff Lynch <ChiefLynch@townofmedway.org>; Mike Fasolino <mfasolino@townofmedway.org>; Picard, Brad <Brad.Picard@tetrattech.com>; Paradee, Tucker <TUCKER.PARADEE@tetrattech.com>

Subject: Harmony Village Construction

Hi,

Please see attached Inspection Reports.

We are currently in discussion with the Applicant's engineer regarding development of a mitigation plan for the drainage issues noted in Report 11, we expect a sketch of the plan to be provided soon.

Please let us know if you have any questions, thanks.

Steve

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