From: Thiel Sydney - Capital Projects on behalf of Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
To: Shoemaker Robin - Capital Projects
Cc: Eatch Beck - Capital Projects
Subject: Re: 21609 CkHS/MS- north of tennis courts
Date: Thursday, March 21, 2019 9:31:41 AM

Agreed.
As for the installation of the pipe to the catch basins, it will require the asphalt to be cut/patched. Fortunately the cut/patch are will be in an inconspicuous location and partially concealed by the tennis bleachers.

Sent from my iPhone

On Mar 21, 2019, at 7:12 AM, Shoemaker Robin - Capital Projects <RobinSh@ckschools.org> wrote:

> Sydney - thanks for details. If these items are not corrected now, we will fight them long term. They should be addressed as the design team and Skanska have proposed. I would proceed to issue as a CCD.
>
> On the Soule CB, will they be able to sleeve the pipe under the tennis court without trenching?
>
> On the further west CB, not sure I am seeing the CB location, but if I am looking at the right symbol it appears more south into the court so would not see avoiding a trench into the tennis court to add this pipe. Is this an accurate interpretation? I am assuming they would do this work after the tennis season is over.
>
> Thanks.
>
> Robin S. Shoemaker, P.E.
> Director Capital Projects Office
> Central Kitsap School District
> 360-662-8272 (Office)
> 360-509-5234 (Cell)
>
> ---
>
> **From:** Thiel Sydney - Capital Projects
> **Sent:** Wednesday, March 20, 2019 11:48 AM
> **To:** Shoemaker Robin - Capital Projects <RobinSh@ckschools.org>
> **Cc:** Eatch Beck - Capital Projects <BeckE@ckschools.org>
> **Subject:** FW: 21609 CkHS/MS- north of tennis courts
>
> Robin,
> This is the topic that came up during today's OAC that I wanted to loop you into. After

further consideration and field observation, the drainage solution that was proposed via CCD 105 for the area north of the tennis courts is believed to need a different solution.

The attached pdf includes a recommendation to install a section of pipe from the low spot near the Soule property into CB 60.2. This is shown in blue on the pdf.

There is another area to the west that is clouded in green on the pdf that has experienced some run-off onto the tennis courts. The attached pictures show evidence of the run off at the green clouded area.

Skanska and Johnny raised the run-off as a concern and recommended that an additional pipe be installed to collect water and direct it into the CB that is directly south of the green clouded area. AHBL agreed with the proposed solution.

Do you have any questions related to this proposed solution? Since the scope of this proposed solution is more extensive/costly than what was originally conceived with CCD 105, would you prefer to issue this as a PR?

Sydney Thiel
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From: Hanley, Don <Don.Hanley@skanska.com>
Sent: Thursday, March 14, 2019 8:24 AM
To: Johnny Hong <jhong@integrusarch.com>
Cc: Thiel Sydney - Capital Projects <SydneyT@ckschools.org>; Richard Wilson <rwilson@integrusarch.com>; Young, Scott <Scott.Young@skanska.com>; Parkhurst, Chad <chad.parkhurst@skanska.com>
Subject: RE: 21609 CkHS/MS- north of tennis courts

Johnny,

This proposed change will address the ponding we were seeing at that location and will also help with the amount of water that flows to the West. But I am not sure this will solve the runoff we saw by the CBs to the West (see attached pictures and attached markups).

If you recall on the NW half of that area, there is a steeper slope to the neighboring yards from the tennis courts. This proposed change may help reduce the amount of water that flows to the west, but I do not think this will eliminate the runoff we have

been seeing on the tennis courts.

If that runoff is not an issue to CKSD, then this method will work. If it is something they want to fix, we would suggest tying into the CB to the West.

Don Hanley
Project Manager
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From: Johnny Hong <jhong@integrusarch.com>
Sent: Wednesday, March 13, 2019 4:44 PM
To: Hanley, Don <Don.Hanley@skanska.com>
Cc: Thiel Sydney - Capital Projects <SydneyT@ckschools.org>; Richard Wilson <rwilson@integrusarch.com>
Subject: FW: 21609 CkHS/MS- north of tennis courts

[External Email]

Don/Sydney,

After a discussion with Doreen and Mike, they understood the possibility of undermining the tennis court on the northwest corner. Doreen and Mike proposed the attached solution which was discussion on site a while ago, is to create swales near the neighbor's roof drain inlet and connect to the nearby CB60.2. The concept is almost identical to what we discussed on site, just at a different CB. Please review and let us know your thoughts on this solution.

Thanks,

Johnny Hong, AIA, LEED AP, Assoc. DBIA
Architect, Associate Principal

jhong@integrusarch.com

<image001.png>

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From: Mike Hager <mhager@AHBL.com>
Sent: Wednesday, March 13, 2019 4:01 PM
To: Johnny Hong <jhong@integrusarch.com>; Doreen Gavin <DGAVIN@AHBL.com>; Nick Rheaume <NRheaume@AHBL.com>
Cc: Richard Wilson <rwilson@integrusarch.com>
Subject: RE: 21609 CkHS/MS- north of tennis courts

Johnny,
Per the phone discussion with Doreen earlier, here is an exhibit showing where we would propose to connect the drainage north of tennis to the tennis CB. The majority of the drainage along the north of the tennis is coming from the neighbors roof drain. Connecting the swale to the CB 60.2 instead of CB 61.1 could save the 340LF of gravel/drain pipe that is shown in your last attachment.

Mike Hager | Project Engineer
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