From:	Mike Hager on behalf of Mike Hager <mhager@AHBL.com>
To:	Thiel Sydney - Capital Projects; Johnny Hong; Eatch Beck - Capital Projects; Nick Rheaume
Cc:	Richard Wilson; Doreen Gavin
Subject:	RE: Berm Construction....RE: CKHSMS - Soule Drainage & Tennis Swale Capacity
Date:	Tuesday, January 22, 2019 10:18:39 AM
Attachments:	20190122 - CKHSMS CDC 130 - Soule RD connection.pdf image001.png image002.png

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Team,
Here is an updated sketch that shows construction of swales to drain this area. Nick and Doreen discussed and thought that this could drain better with construction of swales as shown on the attached.
Please issue this sketch for the CCD. Thanks

Mike Hager | Project Engineer
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From: Mike Hager
Sent: Friday, January 18, 2019 10:51 AM
To: 'Thiel Sydney - Capital Projects'; Johnny Hong; Eatch Beck - Capital Projects; Nick Rheaume
Cc: Richard Wilson; Doreen Gavin
Subject: Berm Construction....RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

Hi Sydney,

In order to get the pipe to drain then a berm would have to be constructed on the backside of the wall. This would involve moving dirt to the backside of the wall and doing compaction methods there. The ground around the pipe is low and the water would pool without a properly constructed berm. If the pipe were to be extended then this earthwork work wouldn't need to take place on the backside of the fence.

Grading in the swale under the fence would also create an opening at the bottom of the fence, certainly something that is constructible. I haven't discussed with Nick or Doreen yet, but wanted you to be aware that this solution would most likely involve needing access to the backside of the fence to perform dirtwork.

Let me know any additional thoughts on this item otherwise I will send out an updated sketch once I get a chance to review with Nick.

Mike Hager | Project Engineer
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From: Thiel Sydney - Capital Projects [mailto:SydneyT@ckschools.org]
Sent: Thursday, January 17, 2019 4:17 PM
To: Johnny Hong; Eatch Beck - Capital Projects; Nick Rheaume; Mike Hager
Cc: Richard Wilson; Doreen Gavin
Subject: RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

Nick/Mike,
After discussing this scope with Robin, the District prefers not to connect a drain extension to Ms. Soule's existing pipe. Instead, please show the swale to be extended to pick up that discharge. The swale solution seem more likely to collect surface drainage from the low area which would be beneficial to both parties. Also, by not connecting a pipe to Ms. Soule's pipe, the District avoids potential future claims/responsibility if the pipe were to become clogged.

Please revise and reissue CCD 0105.

Thank you,
Sydney

Sydney Thiel
Project Manager | Capital Projects Office
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From: Johnny Hong <jhong@integrusarch.com>
Sent: Thursday, January 17, 2019 2:41 PM
To: Eatch Beck - Capital Projects <BeckE@ckschools.org>; Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
Cc: Richard Wilson <rwilson@integrusarch.com>
Subject: RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

Sydney/Beck,

Please see attached CCD-0105 to extend the existing roof drain into swale. Let us know for questions. Thanks,

Johnny Hong, AIA, LEED AP, Assoc. DBIA
Architect, Associate Principal
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From: Mike Hager <mhager@AHBL.com>
Sent: Thursday, January 17, 2019 12:30 PM
To: Johnny Hong <jhong@integrusarch.com>; Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
Cc: Doreen Gavin <DGAVIN@AHBL.com>; Nick Rheaume <NRheaume@AHBL.com>; Richard Wilson <rwilson@integrusarch.com>
Subject: RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

Attached is the CDC-130 for the CCD-0105 regarding the tennis swale and neighbors roof drain. Let me know if there is anything else needed.

Mike Hager | Project Engineer
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From: Johnny Hong [mailto:jhong@integrusarch.com]
Sent: Thursday, January 17, 2019 11:28 AM
To: Thiel Sydney - Capital Projects; Mike Hager
Cc: Doreen Gavin; Nick Rheaume; Richard Wilson
Subject: RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

This will be CCD-0105.

Johnny Hong, AIA, LEED AP, Assoc. DBIA
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From: Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
Sent: Thursday, January 17, 2019 10:01 AM
To: 'Mike Hager' <mhager@AHBL.com>

Cc: licensing@ahbl.com <DGAVIN@AHBL.com>; Nick Rheaume <NRheaume@AHBL.com>; Johnny Hong <jhong@integrusarch.com>; Richard Wilson <rwilson@integrusarch.com>
Subject: RE: CKHSMS - Soule Drainage & Tennis Swale Capacity

Thank you, Mike.
Does AHBL need any further information to develop drawings to issue to the field?
I need to provide an update to the home owner about anticipate timeframe for the work to be done, but that can't be answered until Skanska receives the drawings.

Johnny/Richard,
Please identify the CCD number for this.

Thank you.

Sydney Thiel
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From: Mike Hager <mhager@AHBL.com>
Sent: Tuesday, January 15, 2019 9:32 AM
To: Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
Cc: licensing@ahbl.com <DGAVIN@AHBL.com>; Nick Rheaume <NRheaume@AHBL.com>
Subject: CKHSMS - Soule Drainage & Tennis Swale Capacity

Hi Sydney,
I just returned your phone call but you must be busy at the moment. I approximated the drainage to the swale and its capacity. If the swale is built per plans it will support enough flow for the contributing area.

Mike Hager | Project Engineer
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