From:	Nick Rheaume on behalf of Nick Rheaume <NRheaume@AHBL.com>
To:	Thiel Sydney - Capital Projects; Doreen Gavin
Cc:	Shoemaker Robin - Capital Projects; Johnny Hong; Richard Wilson (rwilson@integrusarch.com); Mike Hager; Eatch Beck - Capital Projects; Craig Skipton
Subject:	RE: Soule Drainage Pipe
Date:	Friday, December 21, 2018 4:21:10 PM

Right out of the gate, there is supposed to be 2:1 cut slopes graded to a drainage swale along the tennis court fence. I don't see the swale in the pictures you sent. Beck called me about the issue earlier today, thank you for the photos. This sheds some more light on things.

Nick Rheaume, PE | Project Manager
AHBL, Inc. | **TACOMA** • SEATTLE • SPOKANE • TRI-CITIES
253.383.2422 **TEL** | 253.284.0285 **DIRECT** | nrheaume@ahbl.com **EMAIL** | Send us a file.

From: Thiel Sydney - Capital Projects [mailto:SydneyT@ckschools.org]
Sent: Friday, December 21, 2018 3:56 PM
To: Doreen Gavin
Cc: Shoemaker Robin - Capital Projects; Johnny Hong; Richard Wilson (rwilson@integrusarch.com); Mike Hager; Nick Rheaume; Eatch Beck - Capital Projects; Craig Skipton
Subject: RE: Soule Drainage Pipe

Doreen,
Earlier today, CKSD was notified by the homeowner of the property referenced in my prior email below. Ms. Soule's property suffered damage from downed trees during yesterday's windstorm. She claims that:

a. the District's development has adversely affected the drainage conditions from her property
b. the water contributed to the fallen trees during the wind storm

I am requesting you/Nick/Craig please assess the as-built conditions in the field to determine the following:

1) Please review the drainage path from the NE corner of the tennis parking lot to Frontier Place to ascertain if the grading and landscape treatment are built per the design conditions.
2) Is the ditch-capacity adequate to receive run-off from adjacent properties? Please recall the concentrated discharge condition that was documented in my 8/6/17 email below. Could the concentrated nature of this condition be contributing to the ponding that is pictured in the attached images? If so, is there a cost-effective way to mitigate the ponding condition?
3) Can the source of the ponding water be determined?
4) Is there any point along the northern tennis court area where stormwater from CKSD property could be draining toward/onto the residential properties?
5) What do you recommend to mitigate the ponding water on the tennis courts? See IMG_3934.

Thank you,
Sydney

Sydney Thiel
Project Manager | Capital Projects Office

Central Kitsap School District | 9210 Silverdale Way NW, Silverdale, WA 98383
sydneyt@ckschools.org
360-662-1705 direct
206-960-2417 mobile

From: Doreen Gavin <DGAVIN@AHBL.com>
Sent: Sunday, August 6, 2017 9:50 PM
To: Thiel Sydney - Capital Projects <SydneyT@ckschools.org>
Cc: Shoemaker Robin - Capital Projects <RobinSh@ckschools.org>; Johnny Hong <jhong@integrusarch.com>; Richard Wilson (rwilson@integrusarch.com) <rwilson@integrusarch.com>; Stone Stacy - Capital Projects <StacyS@ckschools.org>; Mike Hager <mhager@AHBL.com>
Subject: Re: Soule Drainage Pipe

Sydney
We will take a look at the ditch capacity.

Basically we need to maintain drainage patterns. So the drainage from offsite needs to be picked up and routed through the project to the drainage system along Frontier Pl.
Doreen

Sent from my iPhone

Doreen Gavin, PE, LEED AP | President
AHBL, Inc. | **TACOMA** • SEATTLE • SPOKANE • TRI-CITIES
253.383.2422 **TEL** | 253.284.0293 **DIRECT** | dgavin@ahbl.com **EMAIL**

On Aug 6, 2017, at 9:11 PM, Thiel Sydney - Capital Projects <SydneyT@ckschools.org> wrote:

> Robin and Doreen,
> On Friday a neighbor, Karen Soule, reported that her drainage pipe was damaged by construction equipment on campus. She lives north of the future tennis court area (see highlighted parcel on the attached). I subsequently visited the site and observed that the pipe in question extends beyond her property line and daylights onto district property. See attached photos. Skanska confirmed that the extended portion of pipe was cut back to the clearing limit line to accommodate stumping/grubbing activities that were taking place.
>
> Doreen,
> Is the drainage ditch that is planned on the north side of the tennis courts adequately designed to capture the concentrated outfall from this pipe?
> Also, can you offer any guidance regarding best practice for addressing a pipe like this that breaches the property line?

Thank you,
Sydney

Sydney Thiel
Project Manager | Capital Projects Office
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360-662-1705 direct
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<Soule Drainage Pipe 170804.pdf>