

# V1\_Soils & Geology Report review 1.pdf Markup Summary

## dsdparsons (3)

Are basements allowed in these areas? add restrictive note

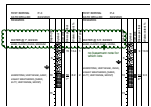
**Subject:** Planner  
**Page Label:** [1] FP MAP  
**Author:** dsdparsons  
**Date:** 1/25/2024 10:38:29 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Are basements allowed in these areas? add restrictive note

interconnection. These soils will not prohibit development. Generally, several high quality soils are present in the vicinity of these areas and may be suitable for construction. There may be necessary for other soils in the vicinity of these areas (see Figure 3).  
Exact locations of basements and specific change studies are not shown. Call out lots that are impacted and have restrictions and add mitigation.

**Subject:** Planner  
**Page Label:** [1] FP MAP  
**Author:** dsdparsons  
**Date:** 1/25/2024 10:39:28 AM  
**Status:**  
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**Layer:**  
**Space:**

call out lots that are impacted and have restrictions and add mitigation



**Subject:** Planner  
**Page Label:** [1] FP MAP  
**Author:** dsdparsons  
**Date:** 1/25/2024 10:35:42 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

no basement note for which lots

## CDurham (10)

de Jr., P.E.

PCD No SP-23-009

**Subject:** Text Box  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/24/2024 8:18:03 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

PCD No SP-23-009

Revise to "Retreat at PrairieRidge"

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/24/2024 4:21:04 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Revise to "Retreat at PrairieRidge"

preparing this report. The locations of the test boring locations are shown in Figure 3. Recently installed temporary piezometers (P-1 - P-4) were placed in the vicinity of the test boring locations. The locations of the test boring locations are shown in Figure 3. The Summary of Laboratory Testing in Appendix B. Results of the testing will be provided in the final report.

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 12:59:27 PM  
**Status:**  
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**Space:**

Reference the section where additional information regarding the piezometers is located.

...er seen adjacent in Test Boring Nos. 2, 3, 4, 6, 7, 8, 9, 10, 11, and ... and soil to soil test log subsequent to boring. Depth to groundwater in site ... section No. 2, and on each test boring log. Areas of water, see ... are noted, and potential seasonal surface groundwater flow been not ... on-site. These areas are discussed in the following section. Fluctuation ...

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 1:26:47 PM  
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**Space:**

Per the grading plan provided, there appear to be major cuts on the site, ones which would fall within this range of groundwater. Provide discussion on how this will be dealt with.

operations.  
Be sure all items from ECM Appendix C Section C.2.2.D.6 are addressed regarding ground water

**Subject:** Text Box  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 1:37:51 PM  
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Be sure all items from ECM Appendix C Section C.2.2.D.6 are addressed regarding ground water

Depths to groundwater do not match with information shown in Table B-1. Please revise or clarify discrepancy.

**Subject:** Text Box  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/24/2024 8:14:21 AM  
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Depths to groundwater do not match with information shown in Table B-1. Please revise or clarify discrepancy.

ture conditions and frost heave could be encountered in these pated they will be avoided by

**Subject:** Highlight  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 1:09:45 PM  
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they will be avoided

...ion, high groundwater, moisture saturation and ... sional, highly organic soils could be encountered ... d drainages and it is anticipated they will be av

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 1:10:45 PM  
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Based on preliminary plan layout, it does not look like these areas are avoided. Revise statement or include how the areas are being avoided.

...k mounted equipment for the dense soil and bedrock on this site. Areas ... have been indicated on the social foundation. Areas shown on this map are ... Please re-evaluate this statement.  
... are areas and pooled water were e mitigated with site grading or be ree adjacent to these areas to help call drain details are presented in

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/23/2024 1:28:35 PM  
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Major grading cuts does not seem the way to mitigate high groundwater. Please re-evaluate this statement.

	7	7
	55	7

Depths do not match with table shown in report. Where are depths for P-5 through P-8?

**Subject:** Callout  
**Page Label:** [1] FP MAP  
**Author:** CDurham  
**Date:** 1/24/2024 8:15:00 AM  
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**Space:**

Depths do not match with table shown in report.  
Where are depths for P-5 through P-8?