

Notz, Christopher

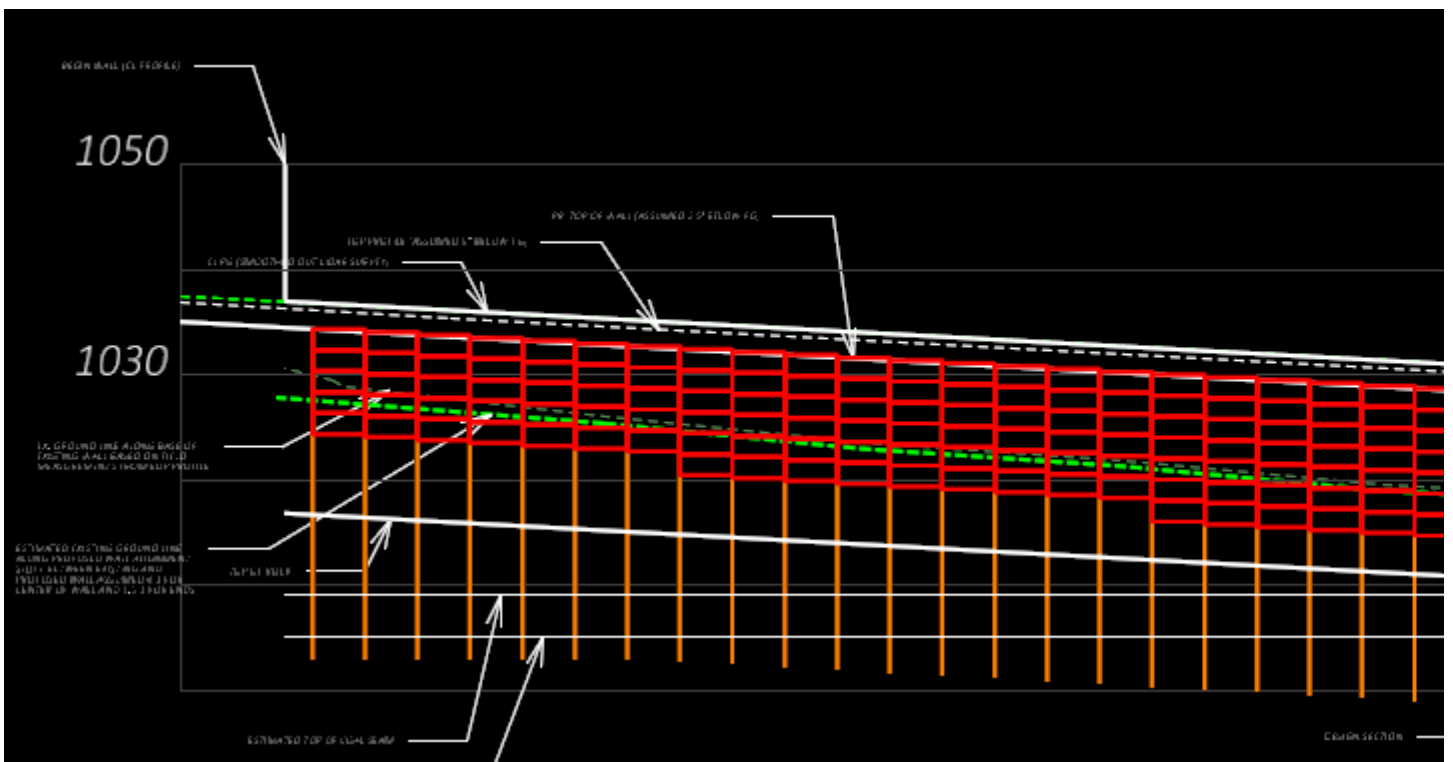
From: Notz, Christopher
Sent: Thursday, November 13, 2025 4:36 PM
To: Bassa, Logan
Cc: Hovanick, Brock
Subject: BEL-250-8.15, PID 118151 - Wall Design

Logan,

I have completed the wall design for the subject “simplified” wall project, see below. My wall design file is “118151_BI001.dgn” under Geotech/Basemaps and includes the wall drafted in plan and profile.

Wall type	Drilled shaft, soldier pile, and concrete lagging
Wall Length/Limits	See “118151_Field Measurements_3-8-23.pdf” and “118151_BI001.dgn”
Shaft Diameter	30”
Shaft Spacing	5’
Wall Offset	Varies 23-25’
Beam Size	W-18x76
Lagging Depth	Varies – 14’ max
Rock Socket	12’ minimum, 2’ below coal
Beam Length	Estimated = 31’+/-, Pay Length = 35’

The wall offset will vary to avoid the existing wall. With the variability in the offset, lagging depth, and bedrock, I think this project justifies including a plan and wall profile detail sheet. You can use my files drafted in BI001 as a starting point. I would reference PID 115123 for a “simplified” wall profile and PID 110874 (adjacent to this proposed wall) for a “simplified” wall plan detail.



Regards,

Christopher (Cody) Notz, P.E.

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**Department of
Transportation**