

From: **Dan Hardin** <dhardin@kumarusa.com>
Date: Tue, May 9, 2023 at 8:26 AM
Subject: RE: Buildings by Nelson
To: Brent Lough <blridgerunner@gmail.com>

Brent,

Soils there should be medium dense, silty sand and gravel. Based on past projects in the area, allowable soil bearing pressure of 2,000 psf and lateral earth pressure for building retaining wall design (if any) of 50 pcf. For site retaining walls, separate from the buildings, a lateral earth pressure of 45 pcf can be assumed.

I'm assuming that the existing houses don't have basements. May need to step down new foundations to bear on the natural gravels.

Daniel E. Hardin, P.E.

Principal



5020 County Road 154

Glenwood Springs, Colorado 81601

P: (970) 945-7988

M: (970) 379-2329

D: (970) 384-4843

E: dhardin@kumarusa.com

www.kumarusa.com

Denver (HQ) | Parker | Colorado Springs | Fort Collins | Glenwood Springs | Summit County

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