

NORTHWEST COLORADO CONSULTANTS, INC.
FIELD REPORT

Project: Pratt Residence	Project No.: 21-12398	Date: 05/03/23
Location: 26730 RCR 14	Report No.: 1P	Time: 10.0
Client: Sustainable Building Solutions		Mileage: 70
		Engr. /Tech: JS

Work Performed:

As requested, we visited the project site twice on today's date to observe the pier drilling operations. The pier drilling contractor, Penley Caisson Drilling, completed (8) eight 8-inch diameter piers. Summary logs of the piers completed on this date are attached.

We also observed the placement of the reinforcing steel and concrete in the piers completed on this date.

It should also be noted that due to the presence of shallow groundwater, all drilled piers were cased on this date.

In addition, pier diameters were changed from 16-inch to 18-inches due to the lack of 16-inch steel casing.

It should also be noted that the shear rings indicated on the drilled pier detail were not installed on any of the piers, per the structural engineer. Due to the increased pier diameter, the structural engineer redesigned the vertical reinforcing steel to include ten No. 5 bars in-lieu of the original eight No. 5 bars.

It should also be noted that concrete was placed in pier No. 1 by the tremmie, displaced pump method, due to two feet of observed water.

Remarks:

Based on our observations, the piers completed on this date appeared to be constructed in general accordance with the structural plans and our previous recommendations.

Verbal Discussions:

Dane Cudney, of Penley Caisson Drilling, and Tarn Dickerson, of Sustainable Building Solutions, were aware of today's site visits, observations, and measurements.