



UNDERPINNING ANCHORING REPORT

A CASE HISTORY

Project: Chimney Creek Condominiums Genesee, CO	Structural Engineer: Richard Weinhart Consultants Lakewood, CO	Tieback Contractor: D & B Drilling Wheat Ridge, CO
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Job Description:

One of the end units in this condominium complex built into the mountainside overlooking Denver was experiencing lateral movement. Fourteen 9"-diameter holes were cored through the interior walls facing the mountainside so that Chance SS5 anchors with single 8-in. helices could be turned into the soil.

Two rows of tiebacks were required. On the lower wall, the anchors were installed to depths from

11 ft. to 23 ft. The top row anchors were installed to depths from 25 ft. to 49 ft.

All anchors were load-tested from 5 Kips to 23 Kips. The cored holes in the wall were filled with non-shrink grout and end adapter plates were installed on the threaded stud adapters terminating the SS anchor extension shafts.