CAPITOL ENGINEERING LABORATORIES, INC.

Materials Testing • Inspection • Crane Certification

File No. 5533
June 18, 2002

Chris Sullivan
Frame Pro Products, LLC
900 Business Park Dr., Suite D
Dixon, CA 95620

Project: Scaffold assembly testing

Subject: Guardrail post receiver type 2 testing

Dear Chris,

On 6/13/02 I proof load tested one of your sub-floor guardrail post receiver type 2 units. The sub floor guardrail receiver was attached to the vertical face of a 1-¼" thick truss joist 1.3e LSL rim board using four ¼" diameter lag screws. The rim joist was installed in a typical construction configuration. The sub floor was screwed to this rim board and the floor joists were perpendicular to rim board.

Testing consist of applying a horizontal outward static load at the center of the upper rail (approx 42" above the floor).

The test load was applied using a cable lever hoist, the load was measured using a calibrated 500 lb dynamometer manufactured by Dillon (S/N 53354). The post receiver sustained a 200 lb static horizontal load with minor evidence of flexing of the double angles (see photos).

Respectfully submitted,

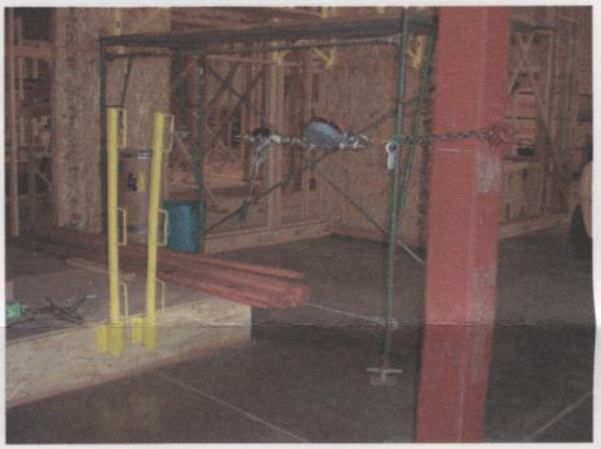
CAPITOL ENGINEERING LABORATORIES, INC.

G. Barry Lotz, C.E.

061802. 867/kv

631 Commerce Drive, #200 • Roseville, CA 95678 • (916) 786-2488 • FAX (916) 786-9372

TEST
of 6/13/02



Guardrail receiver w/200# horizontal load

Guardrail receiver w/200# horizontal load close-up