



HANDRAIL POST

LOAD TESTING DATA

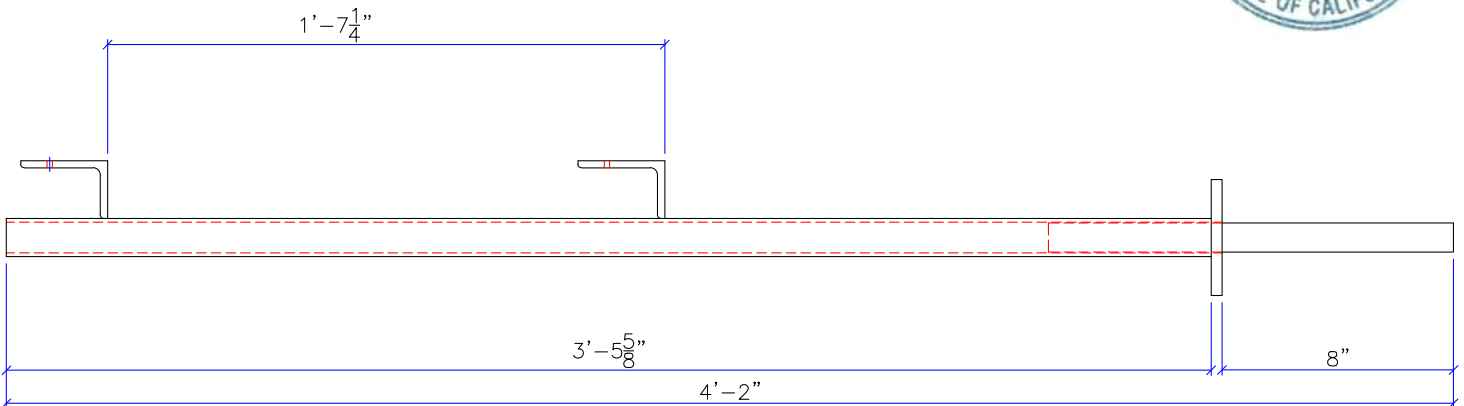
PROCEDURE:

The Handrail post was mounted to a 4" x 4" wood beam which was connected to the testing frame for stability purpose. Two different loads, vertical and horizontal were applied. The vertical download was applied using a calibrated hydraulic ram and the fork of a forklift was used for reaction load. The ram was placed above the Handrail Post and under the forklift fork. A load of 200 pounds was applied to determine if the Handrail Post will move. The horizontal load was applied using a come along, scale, and a chain. One end of the come along was connected to the Handrail Post using scale and a chain. The other end of the come along was connected to the testing frame. A load of 200 pounds was applied to determine if the Handrail Post will move.

TESTING RESULT:

No movement was observed during and after the 200 pounds load application.

In accordance with California Department of Industrial Relations code in Subchapter 4, Article 16, §1620C(1)



HANDRAIL POST LOAD TEST SUMMARY		
LOAD APPLIED (LBS.)	LOAD TEST	MOVEMENT (IN.)
200LBS.	VERTICAL - RAM & GAUGE	0.000
200LBS.	HORIZONTAL - COME ALONG & SCALE	0.000

