Download Performance Perforated Segments Restraint Alternative

The Performance of Perforated Shear Walls with Narrow Wall Segments, Reduced Base Restraint, and Alternative Framing Methods each end of the 40 ft. (12.2 m) wall specimen, were installed to provide the end restraint required by the perforated shear wall method. The tests were performed with the specimens in a horizontal position.Another series of tests investigated the use of corners as end restraints instead of mechanical hold-down devices [8]. The following study provides additional information about the performance of full scale tests with 2 ft. (0.61 m) wall segments, reduced base restraint, and the use of alternative framing practices.overall performance of the wall. Another approach considers a shearwall segment with openings, which is illustrated in Figure 3. Here, the wall is identical to theshearwall in Figure 2, but without intermediate overturning restraints next to the openings. This condition is considered a shearwall segment with unrestrained openings (perforated ...Dynamic performance of perforated light-frame shear walls with various end restraints. (AGR:IND23233818) ... overturning restraints at each end of the entire wall rather than at the end of each fully sheathed shear wall segment. Yet, under low to moderate wind and seismic conditions, mechanical overturning restraint may not be required at all due to the effects of gravity loads. The Perforated ..., Performance Perforated Segments Restraint Alternative.

Other Files :