



Civil and Environmental Engineering

Engineered Efficiency

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MEMORANDUM

Re: Acoustical Testing of the Universal Slider Bracket

The Sioux Chief Manufacturing Engineering Department performed acoustical testing described in the attached memorandum dated February 1, 2002. The wood framed apparatus, representing typical wood framed construction, used in the testing was isolated in a building to reduce the influence of outside noise. The water pressure was maintained at a constant 60 psi using a pressure regulator. Decibel recordings were taken at the same location on the structure using a "Scott's Instrument Laboratories, Type 451 Sound Level Meter, ANSI Type S3A ". Results of testing are presented in the above referenced memorandum. All testing procedures reviewed and discussed were performed using good engineering judgement and consistency; Therefore, the tests are considered valid.

If you have any question, please call me at 816-380-4447.

Sincerely,

Stephen Birchmeier P.E.



2/02/02