



Project Profile

Hotel Atmosphere • Amos, Quebec

Project Summary

Project Size:
10 room expansion, 6000 square feet

Products:
2x4 by 92-5/8" long Quiet-Zone™ Acoustic Wall Framing

STC Design Criteria:
STC 54 & STC 58
(Depending on structural requirements)

Construction Time:
August 2003 to February 2004

When Jean Pier, owner of Atmosphere hotel, wanted to expand and upgrade his hotel by constructing 6000 square feet of new rooms, he chose QuietZone™ Acoustic Wall Framing for the job.

Acoustic isolation was an important consideration for the hotel expansion as this proprietor wanted to ensure all guests had a quiet stay.

We wanted "the best sound control walls available", stated Jean Pier.

To achieve this, two types of wall systems were constructed; QuietZone™ Acoustic Wall Framing studs at 16" o.c. with two layers of 5/8" Type X gypsum on one side and one layer on the other side and QuietZone™ Acoustic Wall Framing studs at 24" o.c. with two layers of 5/8" Type X gypsum on both sides.

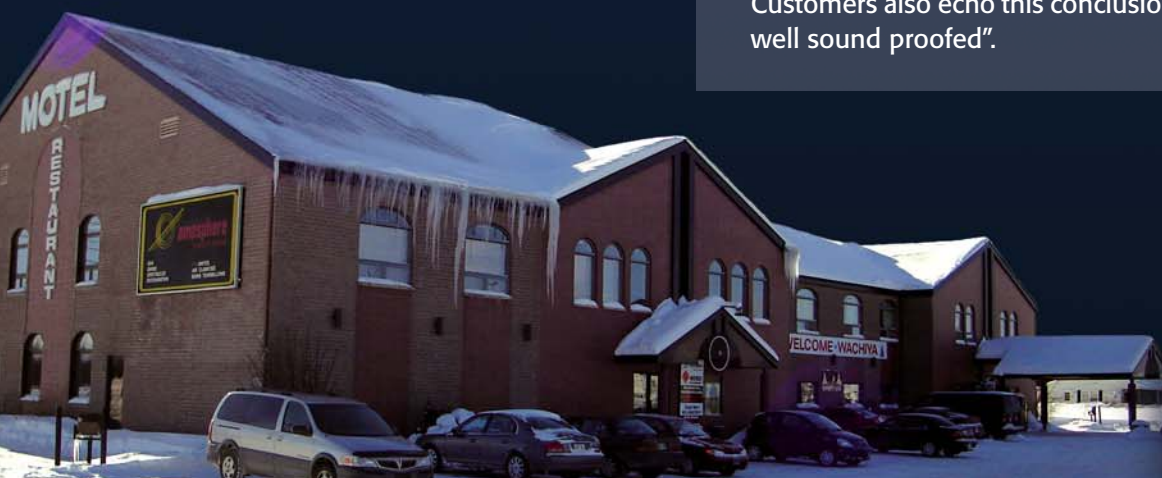
Sound Transmission Classifications (STC) were 54 and 58 respectively for these two walls.

In addition both wall types met the design requirements for a one hour fire separation.

The contractor found QuietZone™ Acoustic Wall Framing was easy to install using traditional framing techniques. The design and installation guidelines were clear and facilitated the installation.

Jean Pier says that "we are known as a very quiet hotel and we made a good choice when we chose QuietZone™ Framing to build our new rooms. We are very happy with the QuietZone™ product".

Customers also echo this conclusion stating the rooms are "very well sound proofed".



Tembec

QuietZone™ Acoustic Wall Framing



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