



FEATURE PROJECT: Pipeline Company



THE CHALLENGE

This compressor station was generating noise levels in the **90+ dBA** range. Since it was sufficiently close to residences to cause noise problems, the Customer enlisted the expert assistance of an Acoustical Engineer who, after conducting a formal noise analysis on the site, recommended the LSE Absorptive Noise Barrier as the best remedy for the application.

THE SOLUTION

Sound Fighter Systems (SFS) designed a 3-sided LSE Absorptive Noise Barrier for the facility that effectively screened and reduced unwanted noise to acceptable levels at the Receiver. This LSE Barrier significantly exceeded guaranteed attenuation performance by providing a 22 dBA reduction at near-distances.

By reducing noise levels without the need for a full enclosure, SFS also eliminated concerns over heat-buildup and air flow for the compressors.

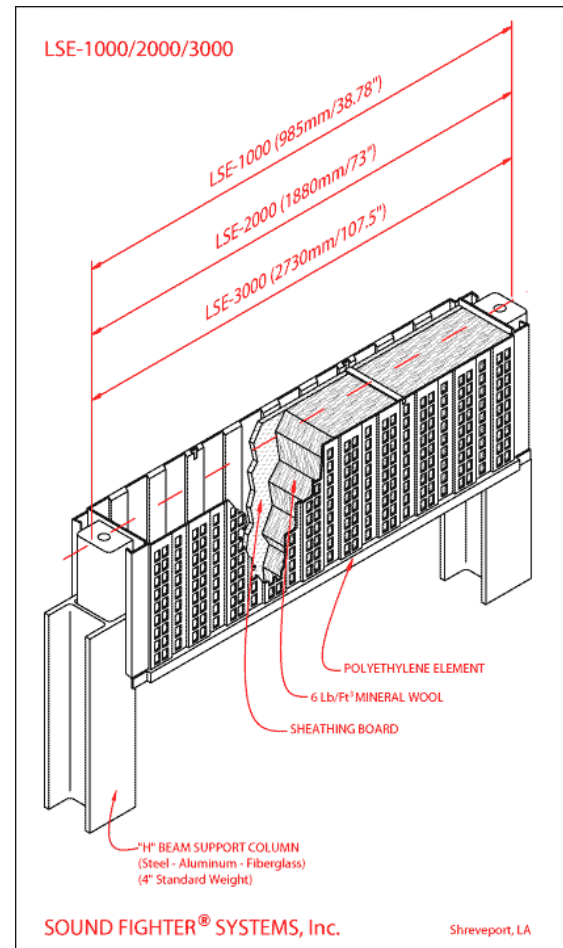
SFS provided:

- Detailed engineered product drawings, layout drawings and installation drawings.
- Custom color-match LSE Noise Barrier sections and top caps
- Double personnel door sets with escape hardware
- Custom-engineered, hot-dipped galvanized structural steel framework, footers and base channels

OWNER – Pipeline Company

GENERAL CONTRACTOR – J.W. Green Construction, Inc.

SOUND BARRIER – Sound Fighter Systems



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