



FEATURE PROJECT: Municipal Utilities District #1



THE CHALLENGE

This pump station was sufficiently close to residences to cause noise problems. The MUD 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 4-sided LSE Absorptive Noise Barrier for the facility that effectively screened and reduced unwanted noise to acceptable levels at the Receiver. Additionally, a double swing-gate was incorporated into the design to allow for personnel and maintenance access to the equipment.

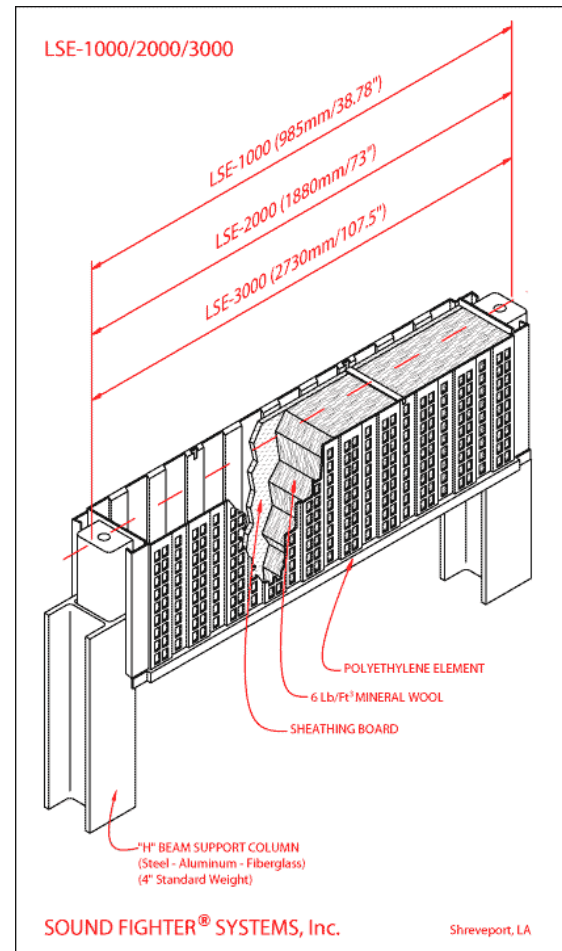
By reducing noise levels without the need for a roofed enclosure, SFS also eliminated concerns over heat-buildup and air flow for the equipment.

SFS provided:

- Detailed engineered product drawings, layout drawings and installation drawings.
- Custom color-match LSE Noise Barrier sections and top caps
- Double swing-gate with LSE Panels
- Custom-engineered, hot-dipped galvanized structural steel framework, footers and base channels

OWNER – Municipal Utilities District

SOUND BARRIER – Sound Fighter Systems, LLC



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