



November 17, 2025

## APEX Angle-Top Sound Cove solution tucks in to quiet generator noise at Carnegie Mellon University's Health Center

AIL Sound Walls' lightweight PVC systems showed their versatility in this project with our first wall-mounted application of one of our innovative APEX Angle-Top Sound Cove Solutions.

**APEX**  
Angle-Top Sound Cove Solution

This generator is part of CMU's new Highmark Center for Health, Wellness and Athletics, and it is set in a tight alcove between buildings on the Pittsburgh campus with very little space to work in. There was also a height restriction to observe. It was a perfect situation for AIL Sound Walls and APEX.

### Project at a glance:

**Name:** CMU Highmark Center

**Location:** Pittsburgh, PA

**Owner:** Carnegie Mellon University

**Consultant:** Babich Acoustics

**Contractor:** Mascaro Construction

**Product:** Silent Protector (Absorptive),  
APEX Angle-Top Sound Cove Solution

**Sector:** Healthcare

**Application:** Equipment Enclosure

**Dimensions:** Length 44', Height 6'

**Installation Time:** One week



We designed a solution that mounted to the existing retaining wall and angled in to provide maximum sound mitigation while keeping to a 6' height. The installation was completed in just a week, and it tucked into the tight spot nicely. Kudos to the contractor, Mascaro Construction, and the consultant, Babich Acoustics, for a job well done.

Our project management and customer service teams were on top of things with good communication and quick follow-ups. The customer sent us photos and told us they were happy with the ease of installation.

### About Apex Angle-Top Sound Cove Solutions

Take any type of AIL Sound Walls (Silent Protector, Tuf-Barrier, Plus, XL Series), angle the top portion toward the noise source and you have the APEX Angle-Top Sound Cove Solution by AIL Sound Walls. The resulting “sound cove” effect helps contain the unwanted noise and reduce the wall heights while providing similar sound-mitigation effectiveness.

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