



Case Study



Project Owner

Disney Music Group,
a Walt Disney company



Main Contractor

Swinerton & Robert Alan Construction



Architect

CannonDesign



Acoustic Consultant

Newson Brown Acoustics



Structural Engineer

Englekirk Institutional

OVERVIEW

Disney Music Group, a division of The Walt Disney Company, leased space within The Tower to support their recent launch of the Disney+ streaming service.

Several divisions of the company, including Walt Disney Animation Studios and Disney Music Group, now occupy about 116,000 square feet in the 32-story commercial high-rise building. The Tower offers panoramic views of the city and is in close proximity to Disney's headquarters as well as some of the largest film production studios in the world.

Stravifloor Deck, Floor Angle Brace (FAB)

- High-performance low-profile deck floor system with high bending stiffness for both concrete and light wooden construction. (Stravifloor Deck)
- Restraining solution for floating floors to ensure structural integrity and acoustical performance during and after seismic events or other external impacts. (FAB)



SOLUTION

A **Stravifloor Deck** floating floor system with 2" (50 mm) isolators adapted to specific load specifications is installed in the conference room and artist lounge to control the vibration noise transmission towards the adjacent offices and tenant spaces on the floor below.

FAB floor angle braces were added to the design to cope with lateral seismic loads and to ensure the structural integrity and acoustical performance during and after seismic events.

AT A GLANCE

CHALLENGES

- Lateral seismic loads
- Existing structure was a post tension concrete slab, which interfered with floor angle brace anchors

BENEFITS

- Low profile concrete deck to maximize mass while minimizing overall floor height
- Minimal ADA ramp necessary due to low profile floating floor

1,080 ft²
Stravifloor Deck

