

Film Forum Movie Theater, New York, USA

CDM-MONT



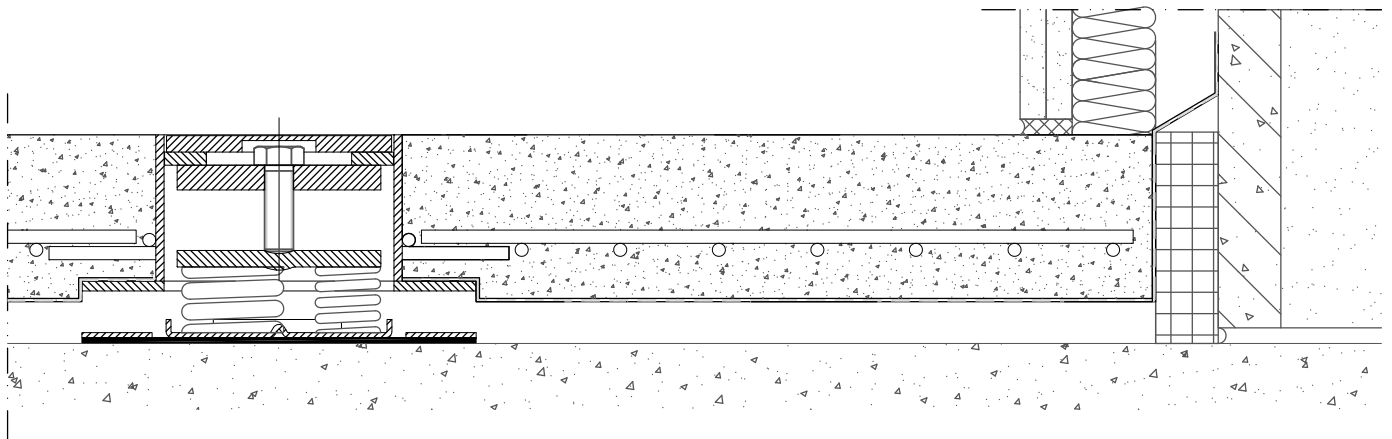
Client
Contractor
Acoustic consultant
Structural Engineer

Film Forum
Benchmark Builders Inc.
Marshall / KMK Acoustics, Ltd.
Murray Engineering

• Film Forum is a nonprofit movie theater in Lower Manhattan, New York City. It is the only autonomous nonprofit cinema in New York City, and one of the few in the United States.

• With the addition of a fourth theater to the existing venue, quality sound isolation became even more important. The former loading bay of the building was converted into a 109-seat theater and a mechanical equipment room adjacent to the theater. The \$6 Mio. renovation project also included updated HVAC system and refurbished interior finishes for the venue.

• With CDM-MONT jack-up boxes, CDM provided a vibration isolation design that helped the client maximize the acoustic performance in the venue, while reducing costs from the original design. CDM-MONT was designed to a resonant frequency of 4.5 Hz for the 4" concrete slab, with an air gap of 1" to the subfloor. CDM assisted the design team and contractor throughout all phases, from pre-construction to shop drawings and site installation.



Typical detail at Film Forum jack-up floor, not to scale

Building

Project Reference