CONCEPT:
Interior fit-out for Slugger Media, a media technology company known for its connection to Louisville and its sports teams.

BUILDING INFORMATION:
Located on the 6th floor of a 3-story office building, the future offices of the local company Slugger Media are situated in the heart of downtown Louisville. The lower floors of the building are a parking garage, while the floor above houses a wealth management company. Past sound isolation challenges in both directions. The currently bare rectangular floor provides 21,000 square feet of space to be transformed into a vibrant, comfortable, and efficient workplace built from local materials and traditions.

SITE:
DOWNTOWN LOUISVILLE:
The new office is centrally located in re-emerging and bustling downtown commercial district of Louisville. Placed alongside West Jefferson Street, a heavily traveled urban boulevard, a large concern goes into acoustically buffering these traffic noises. With nearby fire stations and a newly proposed light rail system, the Slugger Media office will be right in the center of Louisville's transportation.

ENVIRONMENTAL SOUND:
The floor is designed to provide a natural isolation buffer between the primary environmental noise concern. West Jefferson Street to the north, and noise sensitive areas of the office. A corridor and fitness area dominate northern footprint of the space. Noises in the gym is already addressed to placate offices above. Noise levels in the corridor and lounge areas are satisfactory for their purposes with only transient disturbances due to the local fire station sirens.

ACOUSTIC DETAILING:

EXTERIOR CURTAIN WALL
Supporting a curtain wall window construction of 25” glass, 1” air, 25” glass, the vertically and horizontally continuous glass curtain wall system is accented with aluminum mullions.

TYPICAL WALL CONSTRUCTION:

LIGHT STEEL FRAMING
5/8” GYPSUM
MUSIC AND VIDEO RECORDING AND PRODUCTION STUDIOS:

Twins of the art music and video production studios lie adjacent to the open office, easily visible from the space, enabling effective collaboration and involvement. Designed for flexibility and convenience, as well as cost-effective excellence, these spaces provide venues for both media production and musical recreation. Their free-form shapes clad in local brick, facing inspiring creativity and daring while remaining grounded by the company’s Louisville roots, perfect for creating the hard-hitting content that has come to define Slager Media.

Music Recording & Production Suite - 795 sq.ft.

Within the eastern cell lie the studio live room, control room, and an acoustically isolated practice area. To the west it is adjacent to an open office. The large control room encourages collaboration in the production and composition processes, featuring ample space for production technicians and programmers to work together in comfort. The organic, curving line of the live room supports the performers and encourages musical expression in a close, comfortable environment. The practice space exists for those with other musical interests to practice and make their own music.

Video Production Studio - 730 sq.ft.

The western cell, located between the music production studio and an extensive storage space, houses a video production studio, capable of capturing video and voice recording. The open production room features a large screen and customizable lighting, as well as the capacity to house elaborate sets. The studio's extensive storage space and the proximity to the music studio promote a synergistic relationship between the audio and visual arts.

ACOUSTIC ANALYSIS:

The live and control rooms of both studios present significant low-frequency model challenges. Modes down to 30 Hz require the use of large membrane absorbers.
MODERN OPEN OFFICE:

Open Office Area - 6130 sqft
A large open office space forms the beating heart of Slugger Media. The open plan features ample circulation space between workstations, comfortably lit by natural light, creating a casual, collaborative, but focused work environment. The concrete slab ceiling is left bare, but sound absorbent clouds are suspended strategically throughout the space to control reverberation and conceal a sound masking system. Likewise, a measure of speech privacy is afforded by treating the columns. The columns are fit with Helmholtz resonator absorbent panels with elements tailored to 500 Hz through 2 kHz.

Kitchen and Staff Break Lounge - 960 sqft
The kitchen and break lounge is located just off the side of the open office area, separate enough not to cause undue disturbance, but close enough to further employees' involvement and community.

Private Offices - 560 sqft
The private offices are located centrally to the open office space, and feature double pane glass walls to provide transparency and connection throughout the organization. High density monolithic glass rated at STC 36 serves to provide some level of speech privacy while maintaining visual transparency.

Quiet Conversation Spaces - 522 sqft
Small, quiet conversation spaces provide employees with venues for discrete conversations or phone calls, without disrupting their neighbors in the office space. Louvered, through-the-wall systems in the offices ensure privacy for voice raised speaking voices, making these rooms well suited for animated meetings or video conferencing.

Conference and Meeting Rooms - 1540 sqft
Four conference rooms provide ample space for small meetings of up to 20 people at a time. STC 55 wall construction, coupled with a sound masking system, provides speech privacy for voice raised speaking voices, making these rooms well suited for animated meetings or video conferencing.

Adaptable Assembly Space - 1320 sqft
Located in the center of the building, between the private offices and the music and video cells, the flexible assembly space can be configured both as a space for large meetings and presentations, as well as a more casual work environment. A modular system of movable furniture can be reconfigured to create a casual lounge or satisfy the needs of a casual, playful extension to the more traditional open office. A brick half wall lines the back of the steps, leaving the studio visible. The intimate size of this semi-enclosed space supports un amplified speech while maintaining good intelligibility.

ACOUSTIC DETAILING:

BRICK
Practical locally sourced building material, brick is used in structure and decorative accents within the design. Brick lining on the studio outer walls in particular adds substantial mass, boosting the existing STC 67 box-in-box construction.

INDUSTRIAL HEMP
Woven hemp sheets the PVC membrane panels of the studio absorbors and the material also serves as a high frequency absorber. Additionally, the foldable wooden shelves are supported by hemp rope, providing a sense of natural practicality.

FITNESS STUDIO:

Fitness Studio Suite - 1655 sqft
Given that healthy employees are essential to a healthy company, an on-site fitness studio provides all the exercise essentials needed to stay fit and happy. A large space featuring treadmills, weights and other exercise equipment looks out from the corner of the building over West Jefferson Street. While a moderately smaller adjacent space serves as a venue for group exercises. While proper sound isolating techniques are employed in the construction of this fitness suite, care has been taken to avoid any deficiencies to acoustically critical spaces where background noise might prove disturbing.

FLOATING FLOOR
While placing the fitness studio in the corner of the building is great for natural lighting, amongst the neighboring tenants above becomes a problem. To facilitate levels up to 80 dB in the space, the gym is enclosed by an acoustic glass partition system. Treadmill noise and disturbances from the parking garage below are addressed with a spring isolation floor.

FITNESS STUDIO RENDER: The fitness studio includes a multipurpose space that is served by major impact sound to diffuse bothersome noise from the office area and ancillary programs.