



Case Study



Project Owner

NFL Media



Contractors

HBC / The Bedrock Company /
Martin-Nevell



Architect

Gensler



Acoustic Consultant

Newson Brown Acoustics



Structural Engineer

John Labib + Associates

OVERVIEW

NFL Media, the world's only media company entirely dedicated to the most popular sport in the United States, is moving to the Hollywood Park Stadium and Entertainment District in Inglewood, California.

Besides becoming the new home of the Los Angeles Rams and Chargers, the 298-acre sports and entertainment district will also feature hotels, office buildings, retail space, and housing.

The new 200,000 square foot headquarters will accommodate hundreds of employees working for the National Football League. In addition to office and studio space, the facility will also include NFL Media's first outdoor studio and space to host live studio audiences.

Stravifloor Deck, Stravilink PHR

- High-performance low-profile deck floor system with high bending stiffness for both concrete and light wooden construction. (Stravifloor Deck)
- Elastomer isolation hangers designed to support suspended ceilings, lighting rigs, pipework, and HVAC units and isolate them from the main building structure. (Stravilink PHR)



SOLUTION

To effectively isolate audio and video production studios, low-profile [Stravifloor Deck](#) concrete floating floors and [Stravilink PHR](#) ceiling spring hangers were installed.

The podcast studio was built with an increased airspace between the floated concrete slab and the structural slab. To achieve this extra height but also minimize support points, the floating floor was supported by isolated concrete curbs.

Additionally, Stravilink PHR spring isolation hangers were used in the video production studios to isolate the pipe grid with minimal differential deflection when fully loaded.

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AT A GLANCE

CHALLENGES

- Podcast studio supported by concrete curbs with large spans, minimal surface area available for isolation pads.
- High performance requirements with minimal loads
- Pipe grid with large live loads in addition to the isolated ceiling.

BENEFITS

- Increased mass with limited height available
- Durable and extremely low creep rate
- Minimal differential deflection
- 7.6-7.9 Hz natural frequency design

