

Architectural Fact Sheet

Colburn Campus Expansion Designed by Frank Gehry

PROJECT DESCRIPTION Colburn will expand its Downtown Los Angeles campus and add outstanding new performance venues and educational facilities. Designed by the late architect Frank Gehry, the building is conceived as an ensemble of interlocking volumes, each of which houses a distinct program while interacting dynamically with the whole. Currently under construction, the building is set on a terrain that slopes down from Olive Street to Hill Street and clad in pink metallic panels and glass. The components are knit together by a pair of gardens planted at street and rooftop level. In addition to Terri and Jerry Kohl Hall, a magnificent 1,000-seat performance space, the new building will comprise new facilities for Colburn's Trudl Zipper Dance Institute, including a 100-seat studio theater; four spacious studios for dance instruction and rehearsal; and a host of teaching and support facilities. All performance and rehearsal spaces are designed for maximum versatility of configuration and production.

COLBURN CAMPUS OVERVIEW Colburn is one of the nation's preeminent institutes for music and dance, providing world-class performing arts education for its students and exceptional performances for the public. The expansion will allow Colburn to continue serving students at all levels and disciplines and expand its public programming with an ideal suite of performance spaces, when added to the existing 430-seat Zipper Hall and 189-seat Thayer Hall. The new building will become the home to Colburn's Trudl Zipper Dance Institute, tripling the facilities currently dedicated to dance.

LOCATION The new facilities are located on the corner of Olive Street and Second Street, diagonally across the street from Colburn's existing campus. Colburn is set within Downtown Los Angeles's renowned cultural corridor that includes Walt Disney Concert Hall, The Music Center, the Museum of Contemporary Art, and The Broad. Built on one of the last parcels available to be developed in the immediate area, the project culminates the realization of Bunker Hill as a world-class cultural destination.

KEY DATES	June 2016	Land Purchased
	March 2018	Project Announcement
	March 2022	Design Unveiling
	April 2024	Groundbreaking
	September 2027	Planned Opening

PRINCIPAL DESIGN FEATURES

Terri and Jerry Kohl Hall

Located on the west end of the project site, the 1,000-seat concert hall is characterized by the sense of intimacy it creates between the performers and the audience. The performance platform is designed without a raised stage edge, so that audience members are seated literally on stage. Seats surround the stage on all sides, with a rake that creates superb sight lines, and gently curved balconies circle the room. The performance platform, which is identical in size and shape to the stage of Gehry's Walt Disney Concert Hall, can accommodate approximately 100 musicians on a powered riser system of 7 separate lifts, enabling multiple orchestra configurations. An orchestra pit with a capacity of up to 70 musicians includes a platform lift that can be raised to accommodate loose audience seating or lowered to create a stage edge. The acoustic ceiling above the orchestra and seating area will be shaped to resemble clouds, creating a dynamic presence that can be activated by lighting while accommodating rigging equipment and theatrical lighting within an elegant, lofty setting. The concert hall features two large skylights which allow ample daylight into the room.

Concert Hall Back-of-House

The concert hall will provide dressing rooms, restrooms, stage management offices, technical support rooms, and piano and equipment storage areas. Wide circulation corridors and stage access doors will facilitate easy load-in of stage equipment and instruments.

Dance Facilities

The Colburn expansion will allow the school to relocate its dance school from the existing campus and triple the size of the school's facilities dedicated to the Trudl Zipper Dance Institute, led by artistic director Janie Taylor. On the Hill Street (east) side of the site will stand the four glass-enclosed rehearsal studios—ranging from approximately 1,400 to 2,500 square feet—and the 3,100-square-foot, 100-seat studio theater. With a separate entrance and distinct architectural character, the light-filled dance facilities will have their own identity while harmonizing with the larger project. Designed to maximize flexibility for performers and audience, the largest spaces allow for tiered seating to provide the greatest variety of configurations and vantage points. Each space will have a sprung wood floor or vinyl dance surface and one mirrored wall. The rehearsal rooms will have windows with shades, allowing controlled natural daylight to enter the spaces. All rooms will have AV connectivity to the performance spaces, allowing them to be used as off-stage performance areas.

Gardens and Outdoor Performance Areas

The project features a multitude of outside performance areas totaling some 19,619 square feet and will add to the green space of Downtown LA, including a roof garden on top of the studio theater offering views

over Hill Street and 2nd Street and space for pre-performance receptions, intermission gatherings, or outdoor performances; an exterior porch on the south of the concert hall overlooks 2nd Street; and a garden at the corner of 2nd and Hill that will provide a heavily landscaped space whereby students of all ages, faculty, parents, visitors, and community members may gather, study, rehearse, converse, and relax as well as enjoy student performances.

ACOUSTIC DESIGN

The building was designed by the late architect Frank Gehry with Yasuhisa Toyota of Nagata Acoustics, his collaborator on Walt Disney Concert Hall, and with Michael Ferguson, principal of TheatreDNA, who consulted on Gehry's New World Center in Miami Beach and Fisher Center for the Performing Arts at Bard College.

The Terri and Jerry Kohl Hall is a 1,000-seat venue designed primarily for symphonic music in a natural acoustic environment. The acoustic isolation and carefully calibrated shaping of the room will create a world-class concert hall with a sound of clarity, warmth, and resonance. The placement of each seat has been studied for both acoustic and visual sightlines that will give each audience member an exciting performance experience. The shaping of the room brings the audience as close as possible to the performers, creating connection and intimacy.

Terri and Jerry Kohl Hall will feature a high-performance sound system that caters to the unique needs of each production. It will be used for special productions that require amplification of sound created on the stage and for effects and additional recorded or computer generated sound. AV consultant Frederick Vogler of Sonitus approached L-Acoustics, a world leader in premium professional sound systems, to collaborate in organizing a system that supports acoustic sound from the stage and utilizes a groundbreaking immersive audio technology.

PRINCIPAL MATERIALS

Glass; flat seam insulated metal panels (pink-colored and silver)

PROJECT SPECIFICATIONS

Building:	105,000 square feet
Concert Hall:	17,200 square feet
Studio theater for dance:	3,100 square feet
Dance studios (3):	2,500 square feet each
Tap studio:	1,400 square feet
Teaching support spaces:	4,590 square feet
Concert facility support:	15,170 square feet
Rooftop garden and porch:	12,673 square feet
Street-level garden:	6,946 square feet

PROJECT TEAM**Architect****Gehry Partners, LLP****Los Angeles, CA**

Designer: Frank Gehry

Design Partner: Craig Webb

Managing Partner: Laurence Tighe

Project Architect: Kristin Ragins

Project Architect: Jay Lane

Partner/Chief of Staff: Meaghan Lloyd

Project Team: In Alphabetical Order

Albaugh, Lisa

Bachelder, Laura

Biederman, Sara

Freeman, Morris

Girardi, Melina

Kabala, Matthew

Kang, Min Jeong

Kohler, Jason

Lee, Eugene

Lee, Kin

Leon, Joel

McMartin, Tyler

Minaya, Juan

Ott, Adrienne

Pompeani, Thomas

Rho, Aeree

Tiauriman, Yuan

Turner, Lauren

Velazques, Joao

White, Alexander

Contractor**McCarthy Building Companies****Los Angeles, CA****Acoustical Consultant****Nagata Acoustics International, Inc.****Los Angeles, CA****Isolation Acoustics****Robert F Mahoney & Associates****Boulder, CO****Theater Design****Theatre DNA****Los Angeles, CA****Landscape Design****Olin Partners****Los Angeles, CA**

Lighting Design	L'Observatoire International New York, NY
Structural Engineer	Magnusson Klemenic Associates Seattle, WA
MEP	ARC Engineering Burbank, CA
Civil Engineer	KPFF Los Angeles, CA
Life Safety / Fire Protection	Simpson Gumpertz & Hager Los Angeles, CA
Daylighting	Loisos + Ubbelohde Alameda, CA
Vertical Transportation	HKA Elevator Consulting Inc. Laguna Hills, CA
Audio Visual Design	Sonitus La Crescenta, CA
BIM Implementation	Trimble Consulting Los Angeles, CA
Donor, Wayfinding, and Exterior Signage	DISTINC_ Pasadena, CA
Code Signage	Still Room Los Angeles, CA
Geotechnical Engineering	Geotechnologies, Inc Glendale, CA
Security Consultant	TRL Systems Rancho Cucamonga, CA
IT/Telecom/DAS	VectorUSA Torrance, CA
Environmental Engineering	Geosyntec Consultants, Inc. Los Angeles, CA
Door Hardware	Door + Hardware Consultants Oxnard, CA

Specifications	DTR Consulting Services Glendale, CA
Food Services	Cini-Little International, Inc. Frederick, MD
Wind Engineering	RWDI Guelph, ON
Project Management	Cumming Group Los Angeles, CA