

Tomislav Zigo, AIA, LEED AP, CM-BIM

DIRECTOR VIRTUAL DESIGN & CONSTRUCTION



TOMISLAV HAS
17 YEARS OF
EXPERIENCE IN
THE DESIGN-BUILD
INDUSTRY

VDC Director

Tomislav will work closely with the Design Team to put together a BIM execution plan. During design, Tomislav will be active in the review of the drawings as it relates to BIM coordination and clarity for the contractors and subcontractors bidding and building the model in the field. He will work closely with the transition of the model from the design and engineering team to the field team. Tomislav will work closely in the MEP coordination in BIM. He will also work with the interface of the model in VELA to make sure of simplicity and clarity in the field.

EDUCATION

Master of Architecture
Washington University | St. Louis, Missouri
Sustainable design and implementation of digital technology in architectural practice

Master of Science in Mechanical Engineering
University of Rijeka | Croatia
Focus: Combustion process modeling and the impact of combustion chamber design on reduction of air pollutants

EXPERIENCE

Clayco | 2008–Present
Director, Virtual Design and Construction

Washington University School of Architecture |
2008–Present Lecturer

ARBA studios LC | 2002–2008
Principal, Owner

Hagerman & Company | 2004–2005
BIM Applications Engineer

Christner, Inc. | 2000–2004
CADD Manager/Project Architect/LEED AP

Washington University School of Architecture |
2002–2006 Lecturer, Building Systems

Third Land, Inc. | 1999–2000
Intern Architect; Job Captain

Washington University School of Medicine,
Facilities | 1998–2001
CADD consultant

Paradigm Architects | 1996–1999
Associate

Washington University School of Architecture |
1996–1998 CADD consultant

Shipyards 3rd of May ("3 MAJ") | 1992–1994
Mechanical Engineer | Rijeka, Croatia

SELECTED PROJECT EXPERIENCE

BJC MISSOURI BAPTIST MEDICAL CENTER ST. LOUIS, MO

Expansion of BJC's MBMC location; new 7-story tower and parking garage totaling \$132M; new tower will support new patient beds, OR suite and pre-post OP departments, new main hospital entrance and future expansion capabilities

BJC HEADQUARTERS

ST. LOUIS, MO

The 220,000-square-foot facility will consolidate existing office functions currently spread across BJC's Kingshighway campus. The facility's architecture will complement the existing buildings in CORTEX.

CENTERPOINTE HOSPITAL

ST. CHARLES, MO

77,000 SF hospital; 49,000 SF renovation on current hospital campus; 14,000 SF demolition of outdated space; 12,000 SF renovation of existing space; 65,000 SF of new space

ST. LOUIS COUNTY HEALTH

BERKELEY, MO

93,000 SF health clinic, office and laboratory facility; clinic will offer dental clinic, chest clinic, radiology, and pharmaceutical services, as well as specialized care for infants, children, teens and women; LEED NC v2009 Registered

UNIVERSITY OF CHICAGO MEDICAL CENTER WEST CAMPUS CENTER FOR CARE AND DISCOVERY PARKING GARAGE

CHICAGO, IL

The garage is connected to the Center for Care and Development to extend the campus' level two public circulation system with a pedestrian bridge.

The new lower-level service tunnel connects the new dock and services area with the existing campus material distribution tunnel system. The western portion of the garage structure is hardened to accept a future doctors' office building above the Garage.

BJC HEALTHCARE PRIMARY DATA CENTER

ST. CHARLES, MO

34,700 SF data center; 1,850 servers, 71 miles of copper cabling, 10.5 miles of fiber cabling and 345 data bases; Tier III, N+1; built to withstand F-3 tornado conditions; LEED NC v2.2 Gold Certified

BJC HEALTHCARE MEDICAL OFFICE BUILDING

ST. CHARLES, MO

60,000 SF medical office building; two-story building connecting to existing hospital; LEED CS v2.0 Gold Registered

**STEPHEN F. & CAMILLA T. BRAUER HALL
AT WASHINGTON UNIVERSITY SCHOOL OF
ENGINEERING**

ST. LOUIS, MO

150,875 SF lab/teaching building, four-story; contains administration and collaboration space, academic offices, wet/dry research labs, classrooms, shipping/receiving dock; LEED NC v2.2 Gold Certified

CENTENE IT RENAISSANCE DATA CENTER

O'FALLON, MO

19,042 SF data center; features sacrificial roofing system, water cooled and air cooled backup chiller and sophisticated fire and security systems with remote monitoring; over 1,500 kW of power for the racks at full build out; LEED NC v2009 Registered

**DOW KOKAM BATTERY
MANUFACTURING FACILITY**

MIDLAND, MI

400,000 SF lithium-ion state-of-the-art battery manufacturing facility with over 200,000 SF of Class 10,000 clean rooms at 1% relative humidity

825 MARYVILLE

TOWN & COUNTRY, MO

80,000 SF three-story Class A speculative office building