

STRENGTHEN YOUR STRUCTURE

UMSL Performing Arts Center



Project Description

The new 123,100-square-foot UMSL Performing Arts Center includes a 1,630-seat performance hall, a 200 seat multipurpose music and theatre hall, two box offices with administrative and support space. The exterior façade includes brick, cast stone, curtain wall, skylights, and architectural metal panels. The building is three stories high at the general public area and six stories high with a basement and sub-basement at the stage area. The stage area is enclosed in 18" thick concrete walls standing 114' tall. The 18" thick concrete walls at stage were 114' long with no side support. House walls were 86' tall on a radius without side support. These were needed to soundproof the auditorium from airplane noise. The project utilized skyforms to form the walls with cast-in-place concrete. Approximately 17,000 cubic yards of concrete were used.

Owner	University of Missouri - St. Louis
Architect	Farnsworth Group
Engineers	Heideman and Associates
General Contractor	KCI Construction Co.
Ready Mix Supplier	Kienstra Materials Riley Ready Mix & Materials

CONCRETE COUNCIL

8000 Maryland Ave., Suite 1320
St. Louis, MO 63105
(314)862-0324
www.concretecouncil.com