

# THE NERMAN MUSEUM OF CONTEMPORARY ART

JACK RISSEY | LIGHTING / ELECTRICAL

## BUILDING SYSTEMS

### LIGHTING

Using a combination of compact fluorescent and halogen downlights, the general ambient lighting is satisfied for most of the spaces in the building. Halogen PAR lamps on track provide all of the display and art lighting. A light installation by Leo Villareal on the underside of the cantilever block serves as a decorative showcase.

### ELECTRICAL

Primary service to the building is provided by JCCC. The primary utility transformer steps power down to 480/277V 3P 4W to distribute to mechanical and kitchen equipment. The lighting and receptacle loads are then stepped down by another secondary dry type transformer to a 208/120V Delta-Wye. Emergency power is provided by existing college generator and utilizes an onsite ATS.

### MECHANICAL

Six air handling units – three inside and three outside – provide a total of 66500 CFM to the building. One air cooled chiller and Variable air volume terminal units are used within the branch duct scheme.

### STRUCTURAL

The overall structural system is concrete slab on concrete load bearing walls. The cantilever is supported by upturn beams. Slab on grade with transfer girders transfer the foundation loads to a pier system.

### ARCHITECTURE

Designed by Kyu Sung Woo Architects in Cambridge, MA, The Nerman Museum of Contemporary Art stands out from the other Johnson County Community College buildings it belongs to. Built in a modern, clean approach, the architecture is simple and elegant. Local white limestone covers the façade while expansive glass windows create voids. The dramatic cantilever overhang that is part of the second floor creates a bold entrance for the museum. The Nerman Museum is meant to be a piece of art, just as much as the art it is intended to protect inside.

## PROJECT TEAM

ARCHITECT | KYU SUNG WOO ARCHITECTS

LIGHTING | LAM PARTNERS

MEP | SMITH & BOUCHER

STRUCTURAL | WALTER P. MOORE

CONTRACTOR | JE DUNN CONSTRUCTION

## STATISTICS

LOCATION | OVERLAND PARK, KS

OCCUPANCY | MUSEUM

SIZE | 38,190 FT<sup>2</sup> (GSF)

LEVELS | 2 ABOVE GRADE | 2 TOTAL

CONSTRUCTION | APRIL 05 - AUGUST 07

DELIVERY | DESIGN - BID - BUILD

