

Ida Crown Jewish Academy Skokie, III.

A renovation of the legacy suburban Chicago Rand McNally printing press, the new Ida Crown Jewish Academy (ICJA) opened its doors in Dec. 2014, uniquely designed to accommodate the 21st century digital-not print-student. For one, the library and cafeteria were built without interior walls separating the two. Instead, the iPads as incoming freshmen. Communal areas and messaging TVs are everywhere where students congregate, study and pray. "They wanted something that would project a new era building lasted 50 years," says Brian Walter, senior partner, Amstadter Architects, Chicago. The 91,000-sq.-ft. private high school features 27 classrooms - six have the ability to be divisible, yielding 33 classroom spaces-for its dual curriculum in Judaic and general studies and is currently home to 275 students and 55 faculty members, but with the new building, the school has the ability to almost double its population down the road.

Columns

In order to tie the one-sto-ry, 91,000-sq.-ft. building together that's spread out across three entrances, Walter used a series of custom columns at each, filled with structural steel so they wouldn't deflect, and capped in Kawneer extruded aluminum. "I wanted to create a route, so to speak—a controlled wanted to create a route, so to speak—a controlled entry, allowing the observer to follow the building all the way around." The columns say: "This is the entrance."

Exterior Skin

Cembrit True Fiber Cement Panels, American Fiber Cement

In the area, another school, as well as industrial buildings, are clad with masonry, so it was a foregone conclusion that they'd use masonry, says Walter. "But, we wanted a way to differentiate our building from the others so we chose cement fiber panels in different places to create an idea of a lighter element then the masonry, to make it look different than the others in the area."

Curtainwall

451/451T Framing; Versoleil SunShade; exterior window

as much as a quarter of a million dollars by using the Kawneer aluminum products as opposed to fabricating them of steel exclusively. "Since the building is on three faces we needed a way to tie everything together," says Walter.



Brian Walter, NCARB, LEED AP, for 30 years, senior partner at Amstadter Archi-tects, has been designing schools, health-care facilities, data centers, corporate inte-riors, retail spaces and broadcast facilities.







Carpet

Amstadter tried to develop a color palette and mix and match those colors throughout the building. "For example, there are two colors in each area so there was a little bit of continuity, yet each wing of the building has its own identity from a color standpoint. The circles on the carpet tiles are used to accent in the space," says Walter.

Extra Curricular

In the public learning spaces, like the science/math hall, direction lines on the carpet accent the space and define activity zones.

Viva Colores

Interface

www.interface.com

Ceiling Cloud

"The clouds were a way to visually create intimate spaces within this big space," says Walter. "The school can set the furniture up underneath the clouds, with spotlights under the clouds. The manufacturer, Rulon, was able to custom match the wood slat boards to our doors."

Grille Panel

Rulon Co.

Furniture

Chairs and benches arranged in a circle.

Raven; Rola

ERG Intl. erginternational.com

Turnstone Buoys in white with pink tops.

Steelcase www.steelcase.com





"This multi-purpose space is one of my favorites in the school—it provides the school with an education space for breakout learning and a religious space, without having an overly religious look or feel," says Walter.

Ark

The traditional Nir Tamid, or eternal flame, is located within the Ark itself. The stainless steel grillage set in front of the curved wood paneled back wall is based on the joints of the Western Wall.

Vector Custom Fabricating vectorfabricating.com



The Aron Kodesh, or wooden wall here, has recessed doors that swing open to reveal the Torah, or Jewish bible scroll.

Kohout Woodwork kwicorp.com

"The math and science hall is a big space and we had to think of how to bring it down in the edges and go up in the middle, since there is a differentiation of height space."

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CAFETERIA

The cafeteria is a true multi-purpose space, used for eating, learning and socializing, while lectures and seminars also may be held there. "Facing north, there was no reason to put shades on the windows so you have this great view of the outside," says Walter.

Millwork

In the center are two pieces of millwork—and two modern-looking ritual handwashing sinks. Millwork on fixed sinks and base of the charging station.

NEVAMAR high-pressure laminate

www.panolam.com

Lighting

Lights are suspended from the ceiling in long square light boxes.

Regolo Pendant Series

Nulite

www.nulite-lighting.com

Atop the washing stations in the middle of the café, recessed into the soffits, these lights are an interplay between artificial and real daylight.

Skydome

Focal Point

www.focalpointlights.com

Charging Station

The spherical grommet monument includes two power outlets rated 15A/125VAC and a dual USB charger. Generous spacing between outlets and flipped orientation of the outlets allows for bulky plugs and AC adapters to plug in with ease without interference from the desktop or each other.

PCS74/USB Dome (2 power/USB)

Doug Mockett www.mockett.com

Furniture

Tables: Ria

Symphony

www.symphonytables.com

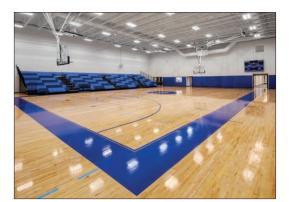
Chairs: On Call Series

SitOnIt

www.sitonit.net



GYMNASIUN



Designed in the school's colors—blue and white—the ICJA Aces compete in a conference of local private schools of all denominations in their new gym.

Flooring

Athletic wood flooring system: Action Aero HL

Action Floor Systems www.actionfloors.com

Lighting

Gym lights are high bay and low bay.

HBLED Series

Cooper Industries cooperindustries.com

PROJECT SPECS

Project: Ida Crown Jewish Academy

Architecture + Interior Design: Amstadter

Architects, Chicago

Construction Manager:
Lend Lease

Fire Protection: Great Lakes Plumbing and Heating

Plumbing Engineers: Normal Mechanical

Mechanical Engineers: State Mechanical Services

Electrical Engineers:

Gibson Electric

PRODUCTS + MATERIALS

01 Curtainwall

► Kawneer Circle 387

02 Skin

► American Fiber Cement Circle 386

03 Columns

► Kawner Circle 385

04 Pre-Cast Panels

► ATMI Precast Circle 384

05 Signage

► Pryor Signs Circle 383

06 Carpet

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Colores) Circle 381

07 Ceiling Clouds

► Rulon Co. Circle 380

08 Furniture

► ERG Intl. Circle 379

► Steelcase

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► Kohout Woodwork Circle 374

09 Millwork ► NEVAMAR

Circle 373

10 Lighting ► Nulite Circle 372

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► Cooper Industries Circle 370

11 Athletic Flooring

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12 Charging Station

► Doug Mockett Circle 368

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