



The Little Village Academy

Architectural showcase 2



Midwest school

at the head of the class.

The city of Chicago needs to build an elementary school on a 1.1-acre site in the heart of Chicago's Mexican community. The long, narrow lot measures just 110 feet wide by 400 feet long. 🛡️ The cultural diversity of the neighborhood must be considered. Plus, officials want an environment that provides a strong educational direction

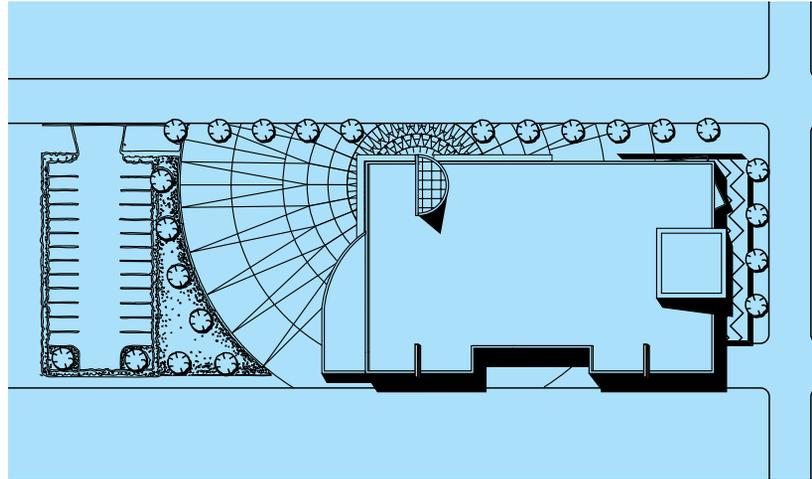
and pays tribute to

the neighborhood's heritage. 🛡️ How

does your firm design a school to fit this unique

space *and* the community needs?

Site plan



Design

Challenge

"Aesthetically the light, airiness of the building that was achieved by the unique use of windows permits the students in our school to have a positive learning experience."

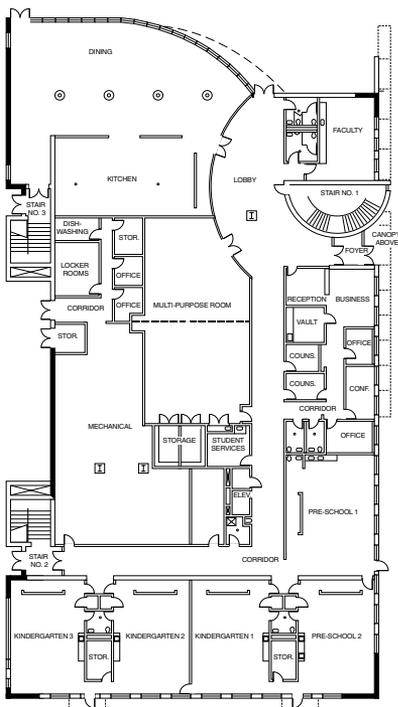
CLIENT ~ Fredric Arana
Principal, Little Village Academy



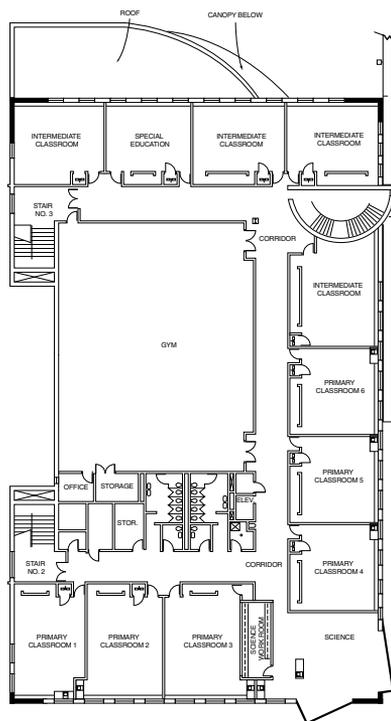
"Muench Woodwork has a 29-year relationship with Weather Shield. Whether it's new construction or a historical renovation project, Weather Shield offers expertise and an excellent product to solve the challenge."

DEALER ~ Bud Muench
Muench Woodwork

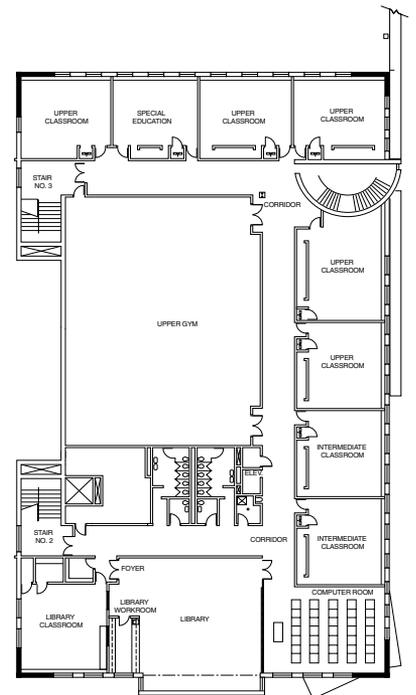
First floor



Second floor



Third floor





Architectural Solutions

Meeting an architectural challenge is nothing new for Ross Barney + Jankowski Architects. The award-winning firm tackled this project by holding firmly to their company motto, "make it durable and interesting, while cost effective."

The results? A bold design with bright colors, expansive windows and a variety of textures.

Ross Barney + Jankowski designed the Little Village Academy on Chicago's southwest side to fit snugly into the tiny lot. To enhance the limited space and create an open learning environment for the students, the architects used a variety of unique window configurations.

A bay window in the science lab serves as a greenhouse. A curving cafeteria with diamond-shaped True Divided Lite windows leads onto a playground of brightly-colored brick and tiles. And, a three-story vertical sundial accentuates the main entrance lobby. All reflect Mexican architecture and colors while incorporating the latest in contemporary window support from the manufacturer.

"Weather Shield gave us cost efficiencies on this project while allowing us to incorporate custom exterior colors in brick, mustard and green," according to project architect Sue Budinsky. "We were able to get the finish we wanted on the windows to meet AAMA 605.2-92 performance specifications."

Ross Barney + Jankowski met the city's need for a creative learning environment by specifying large, unique windows. Then they took the challenge further and specifically requested wood windows

because of the value they believe the school district receives in the insulating, thermal and maintenance factors. Carol Ross Barney, President of the firm, believes that "wood windows are easier to repair and they're more maintenance-friendly for the long-term life of the building"

The windows used in the project were all tempered one-inch Insul Low E glazing for added energy efficiency. And, Weather Shield was able to enhance all the venting units so that a DP 40 certification was achieved.

Another architectural solution for the \$7 million school hinged on the support the architects received from the window manufacturer.

"We needed a true masonry size opening and Weather Shield delivered," says Budinsky. "They also gave us what we were looking for with a consistent finishing process. Most importantly, cost efficiencies were good on this project using Weather Shield windows."

"We were very particular on the finish needed on the windows and the exact colors wanted. Weather Shield was helpful in meeting our needs on both issues."

ARCHITECT ~ Sue Budinsky
Ross Barney + Jankowski



The Little Village Academy designed by Ross Barney + Jankowski Architects has won the 1997 Distinguished Building Award and the 1997 Interior Architecture Award from the Chicago AIA Chapter. It has also won the Excellence in Masonry '96 Silver Medal from the Illinois/Indiana Masonry Council.

Weather Shield products used for this project

Awning Windows

90 — 21 — 31³/₄ x 32

3 — 11 — 21³/₄ x 32

Direct-Set Rectangle Windows

90 — 11 — 5-11¹/₂ x 5-11¹/₂

3 — 11 — 2-4³/₄ x 7-3¹/₂

Direct-Set Diamond Windows

5 — 11 — 1-11¹/₂ x 1-11¹/₂

4 — 11 — 2-7¹/₂ x 2-7¹/₂

3 — 11 — 3-3 x 3-3

5 — 11 — 5-7¹/₂ x 5-7¹/₂

Product Options used

Contempra Aluma TFT (aluminum clad exterior) — custom color

Electrostatic paint process reduces fading and Weather Shield's custom match system can match virtually any specified color.

DP 40 Awning w/ 2 sash locks

Window is eligible for residential and commercial projects.

Tempered 1" Insul Low E

Energy-efficient glazing reduces thermal transfer and lowers UV radiation.

Custom color finish meets AAMA 605.2-92 specifications

Weather Shield
Windows & Doors

