

## CASE STUDY

# PANEL+<sup>®</sup> ELLIS ELEMENTARY

Brick EIFS, Logan, UT

55,400 sq ft



## A SHOWCASE OF INNOVATION

Ellis Elementary School in Logan, Utah, recently achieved the prestigious recognition of 1st Runner Up in the Education category at the 2024 ICF Builder Awards. This accolade highlights the exceptional design and construction managed by Stephen Williams of Design West Architects, utilizing advanced materials from Old Mill Building Products. Central to this success was the implementation of Old Mill's Panel+ system with 1" EPS insulation panels and thin brick veneer, providing both aesthetic appeal and enhanced energy efficiency.

## INNOVATIVE DESIGN ELEMENTS

One of the most striking features of the new Ellis Elementary is its use of Old Mill Building Products' Panel+ system. This system integrates 1" EPS insulation panels, adding an R-value of 4.8 on top of the inherent ICF R-value. The result is superior energy efficiency, significantly reducing heating and cooling costs and enhancing the building's overall performance.

## FEATURES & BENEFITS

### Thin Brick Veneer

Part of the Panel+ System, the thin brick cladding gives a full-brick appearance with additional insulation benefits.

### Year-Round Use

The school operates throughout the year, necessitating robust climate control systems.

### Waterproofing

Advanced solutions like a bentonite envelope ensure the basement remains dry despite its challenging location.

## AT A GLANCE

### Products Used

- Old Mill Weather Barrier
- Old Mill Adhesive Mix
- 1" EPS Foam Insulation
- Old Mill Thin Brick

### Construction Team

Owner/Developer  
Logan City School District

General  
DWA Construction

ICF Installer  
IMS Masonry

Architect  
Design West Architects

Installer  
Hunsaker Exteriors

ICF System  
Fox Blocks

Wall System  
Old Mill Systems' Panel+

### Innovative Cooling

Utilizes water from an irrigation canal, significantly cutting down cooling costs.

### Historical Design

Elements from the original 1893 structure are incorporated into the new building.



SYSTEMS

[www.OldMillBuildingProducts.com](http://www.OldMillBuildingProducts.com)

