Finish Projects on Time and on Budget with Wood Framing

TRUSTED MATERIAL PROVIDES STRENGTH, ECONOMY AND BEAUTY—NATURALLY

BUILDING A HIGH-QUALITY SCHOOL THAT YOU AND THE community are proud of can be a challenge. Relentless design and construction schedules, high parent expectations, and tight capital budgets make schools among the most difficult buildings to design and construct. Fortunately, a tried and trusted product—wood—offers numerous advantages for a school's structural framing.

Wood has long been recognized throughout commercial architecture for its economy, ready availability, strength, durability and ease of use. Plus, wood is widely known for its beauty, allowing it to be used in open-framing designs, where its warmth can enhance the aesthetics of any space.

MEET DEADLINES

When faced with an unforgiving deadline—a school that must open by the start of the school year—specifying wood can help make the difference. Wood framing typically has shorter acquisition lead times than other materials, such as steel, making it easier to stay on schedule. Wide accessibility allows for adjusting delivery schedules, ensuring it's ready for installation when needed.

STAY ON BUDGET

As international competition for building materials grows and costs skyrocket, wood remains a cost-effective choice. And with fewer building trades required on the job site, labor costs are lower, helping meet the thin margins on school projects.

ENHANCE DESIGN FLEXIBILITY AND BEAUTY

In addition to its natural beauty, wood enables a high degree of design freedom. With the wide variability in sizes of spaces required in schools—from classrooms to gyms —wood framing can be adapted throughout. For designs using multiple, smaller-size buildings, architecturally interesting structures also can be built less expensively.

SUPPORT GREEN DESIGN

Wood framing comes from a renewable natural resource, and unlike other materials, the trees it comes from remove CO_2 from the atmosphere and store carbon for the long term in wood products. A report by the Consortium for Research on Renewable Industrial Materials (CORRIM) identified wood products as using less energy to produce and use than steel and concrete.

STRUCTURAL FRAMING SOLUTIONS FROM iLEVEL®

For wood structural framing, iLevel® Trus Joist® Commercial provides a single source for all needs, offering code-approved materials such as Parallam® PSL, TimberStrand® LSL, Open-Web™ trusses, and TJI® joists. iLevel also offers architects and designers a wide range of technical support services, including full shop drawings, advice on code conformance questions, design development assistance, and sizing information. ■

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