



BUILDING WITH STEEL VERSUS WOOD

DATA AND ENGINEERING

Optimized Structural Components
 Open Web Trusses allow more design flexibility than TJI's wood trusses
 CFS has a high strength to weight ratio, reducing building weights, optimizing foundations and structural steel reduction

ASSEMBLY AND INSTALLATION

Virtually no waste - Fabrication of designed CFS members within 1/32" tolerance
 Transportation cost reduction - lighter material, more wall square footage on each trailer load
 Provide additional scope (infill framing, exterior sheathing, and wood blocking)

**SPEED OF INSTALLATION 20,000 SF/WEEK
 30-50% FASTER THAN CONVENTIONAL WOOD**

INSURANCE SAVINGS

Project Value: \$75M

Construction Duration: 2 Years

BUILDERS RISK INSURANCE	WOOD FRAMING SCOPE	CFS SCOPE	SAVINGS
Annual Insurance Rate (per \$100 Value)	\$0.79	\$0.085	\$0.705
Annual Cost	\$592,500	\$63,750	\$528,750
Total Cost	\$1,185,000	\$127,500	\$1,057,500

PERMANENT PROPERTY INSURANCE	WOOD FRAMING SCOPE	CFS SCOPE	SAVINGS
Annual Insurance Rate (per \$100 Value)	\$0.33	\$0.10	\$0.23
Annual Cost	\$247,500	\$75,000	\$172,500
Total Cost Over 10 Years	\$2,475,000	\$750,000	\$1,725,000

*For illustration purposes only. Insurance costs can vary.

THE FUTURE IS PREFAB



SEE OUR SYSTEM IN ACTION!