

**DESIGNED BY** (if different than applicant – SIPA will only recognize members)

Company Name:

Contact Name:

Phone:

Address:

City:

State:

Zip:

**Please answer each question with as much detail as possible to help in the judging process.****Attach additional sheets if necessary.**

Describe the end use of the building:

The building took a city block creating multiple retail & office spaces

How did SIP construction help you get this job?

The energy efficiency and speed of erection both played into the decision

SIP wall thickness and core material:

$6\frac{1}{2}$ " wall  $\frac{7}{16}$ " OSB/EPS/ $\frac{3}{4}$ " OSB

SIP roof thickness and core material:

$10\frac{1}{8}$ " Roof  $\frac{7}{16}$ " OSB/EPS/ $\frac{3}{16}$ " blazar board OSB

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

The speed to erect the building was much faster but more importantly was energy savings. The middle 80x80 section heating system was size by the HVAC supplier. They determined, without consulting builder, that it would take 2 furnaces. So far to date only 1 has ever kicked in.

Describe any innovative design elements or structural engineering involved:

Buildings used truss set on walls with roof pavers over the trusses. We then used pavers to insulate the truss rim.