Steel Framing Stats and Facts

FACTS

Principal Hazards and Risks of Steel Framing

- **Collapse** – in storage areas due to incorrect stacking and in the erection process due to inadequate ties, struts or bracing, incomplete assembly or excessive loading.
- **Falls from height** – caused by unsafe working platforms or unsafe access to places of work.
- **Noise and vibration** – caused by bolting, drilling, and reaming.
- **Hazardous operations** – cutting/welding, descaling, or painting.
- **Manual handling** – during placement operations.
- **Falling objects** – caused by poorly slung loads during off loading, by objects falling from working platforms etc.
- **Harmful substances** – paints, greases, electricity, burning, welding etc.
- **Trapping hazards** – during placement of steelwork, closure of joints etc.

STATS

- Safety is a core value of ABC members. While only 15% of member respondents reported having risk/safety issues, 50% of respondents reported having both risk management and safety issues, according to ABC’s 2021 Tech Report.
- According to the ABC’s 2021 Tech Report, 36% of ABC members believe technology can help solve problems related to the lack of skilled craft professionals.
- Specifically, respondents had more issues attracting new talent (22%) than they had retaining employees (7%)
- South Valley Prefab prefabricated 277 individual CFS exterior finish panels a month prior to installation.
- Only six installers were needed on site, whereas normally it

would take up to 70 people to complete the panel installations.

- The use of CFS eliminated 90% of on-site labor required by traditional construction practices.