

## SUBJECT: WIRING EXTREME SIPS

Extreme SIPs can be manufactured with 1-½" diameter wiring chases in the panel cores for quick access by the electrical contractor. The chases are typically located at 44" and 17 1/2" from the bottom of the SIP, as well as vertically 4' on center. These locations, as well as any custom chases, should be verified during the SIP shop drawing phase.

Type NM-B cable, as Classified by Underwriters Laboratories, passes UL-719, which mandates a maximum conductor temperature of 90 degrees C (194 degrees F). The conductor temperatures under normal loads will not exceed 60 degrees C due to restrictions on amperage loading and breaker sensitivity.

The wiring used for most residential and light commercial structures, commonly referred to as "Romex," is widely available with the NM-B designation and is UL Classified and acceptable for use with Extreme SIPs.

It is strongly recommended that you review the electrical chase design for your project with your electrical contractor representative early in the design process and provide this information to Extreme's Project Coordinator assigned to your project to ensure a proper chase layout. It is recommended that your electrician work around obstacles such as doors, windows, and other openings.

Please refer to the Extreme Panel's electrical details (#EPT-106, 107, and 108) and view the Extreme Panel's Electrical Installation Video demonstrating the proper wiring of Extreme SIPs available at [www.extremepanel.com](http://www.extremepanel.com).