

EXAMPLE ELECTRICAL COMPONENT INSTALLATION DETAIL

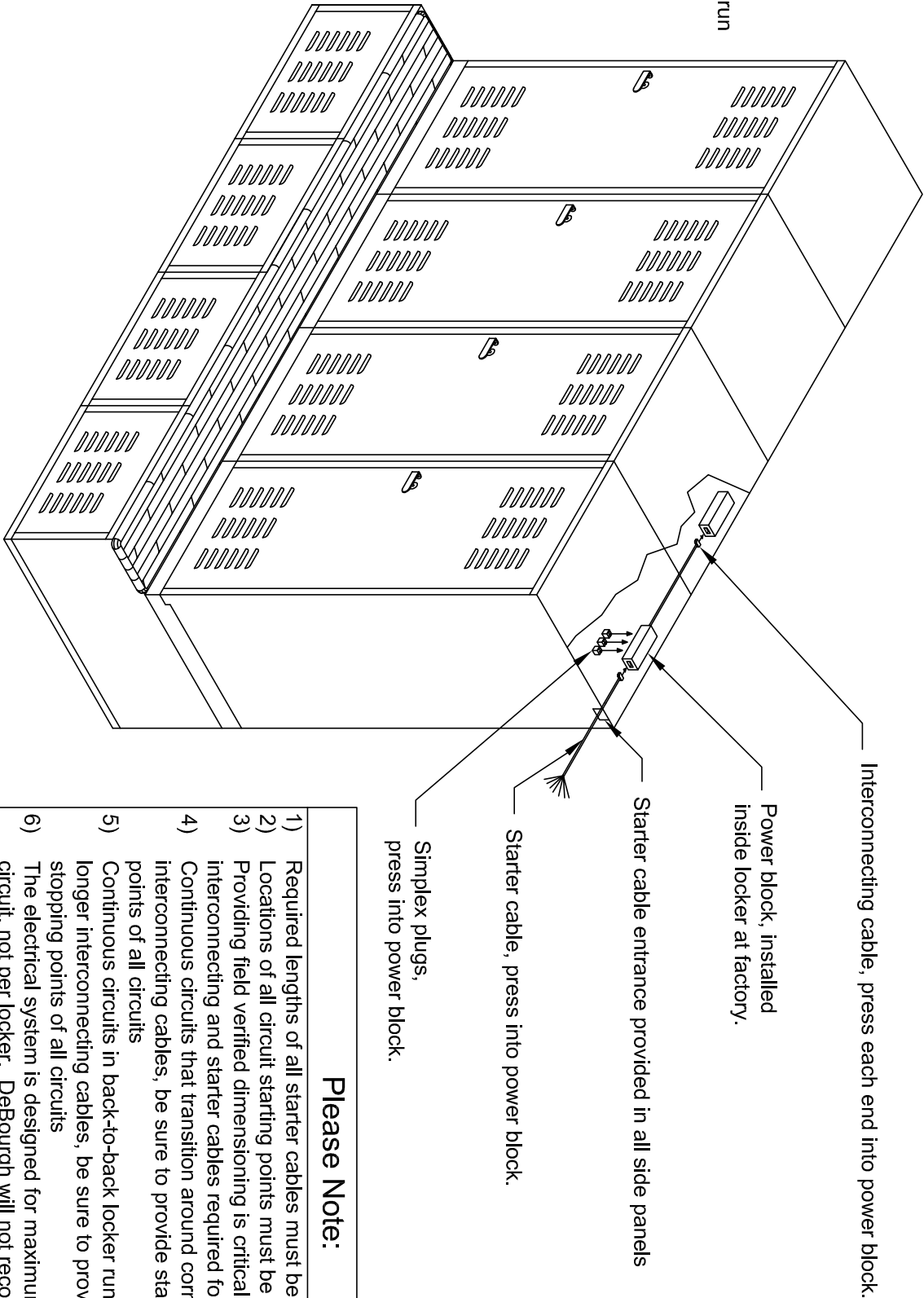
If you have any questions, please call 1-800-328-8829

Each electrical component block consists of a 2 circuit - 7 wire system with 3 available slots for outlet plugs: Simplex 1 outlet and Simplex 2 outlet plugs utilize a shared neutral and ground, with separate hot wires. Simplex 1G (isolated ground) utilizes an independent hot, neutral, and ground wires. Simplex blanks provided to cover unused power block slots.

Instructional/Informational video:
<https://www.youtube.com/watch?v=Snc1ZcreNsE>

- Installation procedure:
- 1) Watch video above
 - 2) Slide and secure side by side lockers into place
 - 3) Install simplex plugs into power block
 - 4) Install interconnecting cables into power block
 - 5) Install interconnecting cable into neighboring locker power block
 - 6) Install starter cable into power block at the beginning of each locker run
 - 7) Install power block cover
 - 8) Have qualified electrician energize the circuit

Cutaway view detailing inside of lockers with plug and play electrical system



The Power System is a seven wire system consisting of three individual circuits (see Fig. 1). Each circuit is rated at 20 amps/120 volts maximum. Circuit 1 (black), and Circuit 2 (red) are served by a system neutral (white) and an equipment ground (green). Circuit 3 (blue) uses a neutral (gray), and a ground (green/yellow). The system may be supplied by a three phase power system with three individual circuits rated at 20 amps/120 volts maximum, or as permitted by local code.

WARNING: Risk of Fire or Electrical Shock. As with all non-directional systems, DO NOT electrically connect panel to more than one supply source. Always determine that the panel is electrically connected to one and only source of supply. Before using any equipment, check the entire system for polarity, continuity, and grounding integrity.

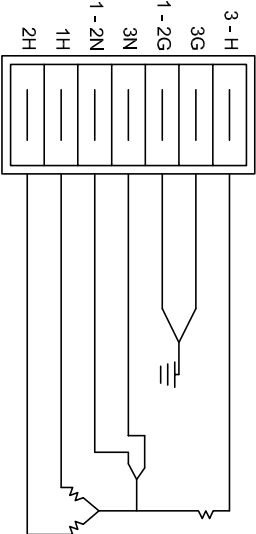


FIG 1

Please Note:

- 1) Required lengths of all starter cables must be provided
- 2) Locations of all circuit starting points must be provided
- 3) Providing field verified dimensioning is critical when calculating interconnecting and starter cables required for each circuit run
- 4) Continuous circuits that transition around corners will require longer interconnecting cables, be sure to provide starting and stopping points of all circuits
- 5) Continuous circuits in back-to-back locker run situations will require longer interconnecting cables, be sure to provide starting and stopping points of all circuits
- 6) The electrical system is designed for maximum 20 amp service per circuit, not per locker. DeBourgh will not recommend using more than 20 simplex plugs per circuit