

Furniture Power Feed

Design Appendix 2.3.5

Aetna has traditionally used the **Steelcase-9000** series systems furniture and continues to maintain and redeploy that inventory. Newer projects however may use **Steelcase-Answer** series furniture. It is important to understand which system is to be used for a given project.

Steelcase Answer

The electrical system is a 4 "circuit" / 8 "wire" system: (2phase+1n+1g) + (2phase+1n+1g)

4 different duplex receptacles are available which are pre-configured to connect to one of the four phases. The circuit# is ID'd on the face of the duplex by a pattern of dots (1,2,3 or 4 dots) which indicates which of the four phases that duplex is connected to.

2 Duplexes are provided per station. 1 duplex above counter height and 1 in the base.

Circuits 3 and 4 are typically on the top of the work surface and 1 and 2 are in the base. This can be changed as needed by coordinating with furniture designer.

The Floor feed (whip) can be located anywhere along the length of the spline as long as it's not under a partition cross section or a set of drawers.

Support up to 8 workstations + a printer station per 4 circuit whip.

For pods of 4 or less "group" circuits 1+2 and 3+4 together and provide with 2 phases, 2 neutrals, 2 grounds.

Steelcase9000

The electrical system is either a 3 circuit / 5 wire - 3 phase 1n 1g

Or a 4 circuit / 8 wire - (3phase w/ shared 1n+1g) + (1phase+1n+1g)

- Designer must inquire and confirm which wiring setup is being used.
- The whole spline must be one configuration or the other. (can not mix and match)

Support 6 stations per whip with a 3 circuit whip or 8 stations with a 4 circuit whip.