

## “As-Built” Documentation

# Cablematrix™ Planning Services

**Updated 01-31-08**

*Cablematrix Planning is at the heart of Architectural Technology Infrastructure. If you are to attain the greatest return on investment, the full documentation of all horizontal high and low cable structure is a fundamental requirement.*

*A Cablematrix Plan is ideal for calculating accurate material and labor requirements, providing detailed installation drawings, a post-installation document, and as an as-built plan for all horizontal power distribution and communications cabling.*

### Three Distinct Levels of Service

**LEVEL 1** gives you Cablefloor material requirements and a floor installation plan tailor-made for you layout.

**LEVEL 2** provides an ideal pathway diagram for all of your underfloor power and data/com cabling systems and the information needed for all material and installation requirements.

**LEVEL 3** offers detailed installation plans and a complete cross-referenced component schedule for all Cablefloor, Powerflex Xcel and Netflex components.

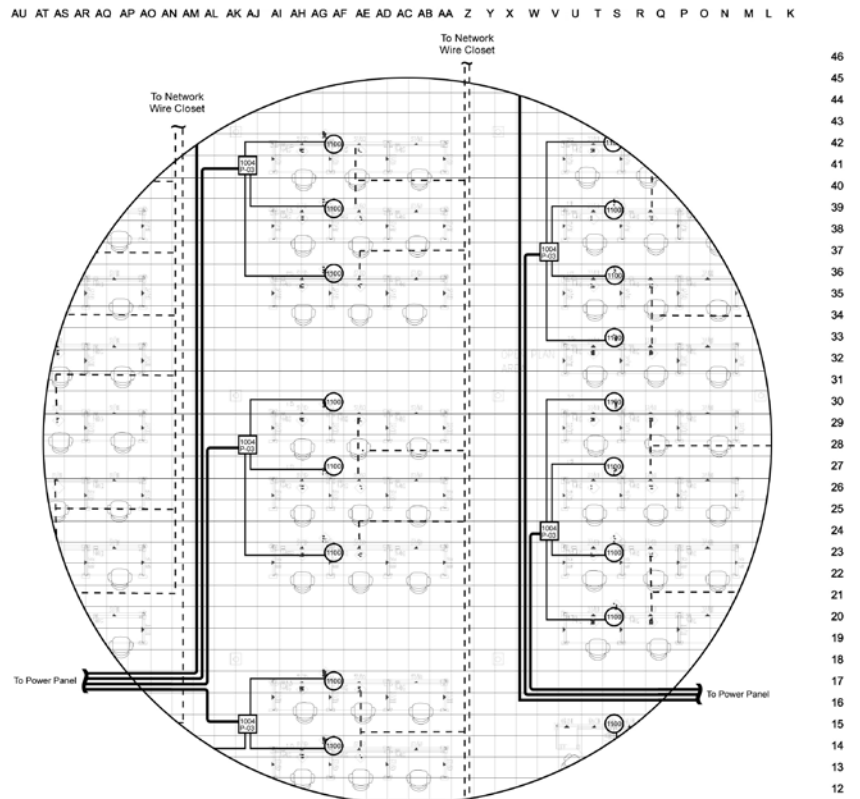
### Free for most installations:

- Level 1 Cablematrix Planning Service is complimentary for projects using at least 8,000 sq. ft. (790m sq) of material – approximately one truckload.
- For smaller projects, the same service is available at the cost of our AutoCAD time.
- Level 2 Planning is implemented when quotes for horizontal cable structure and Powerflex Xcel are requested.
- Level 3 Planning is executed when a purchase order for Cablefloor and Powerflex Xcel is completed.

### What the CableMatrix Planning Service offers:

- A way to help you completely preplan and cost your Cablefloor installation and all associated underfloor power and communications cabling requirements at an early stage.
- A guide for all trades at various stages throughout the installation process.
- An invaluable “as-built” reference for future building tenants.

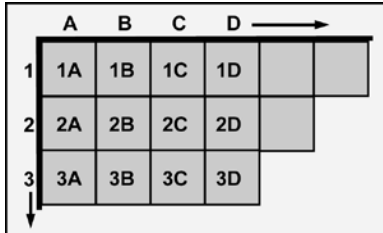
### Level 3 Cablematrix Plan Section for Power and Data/Com Cables



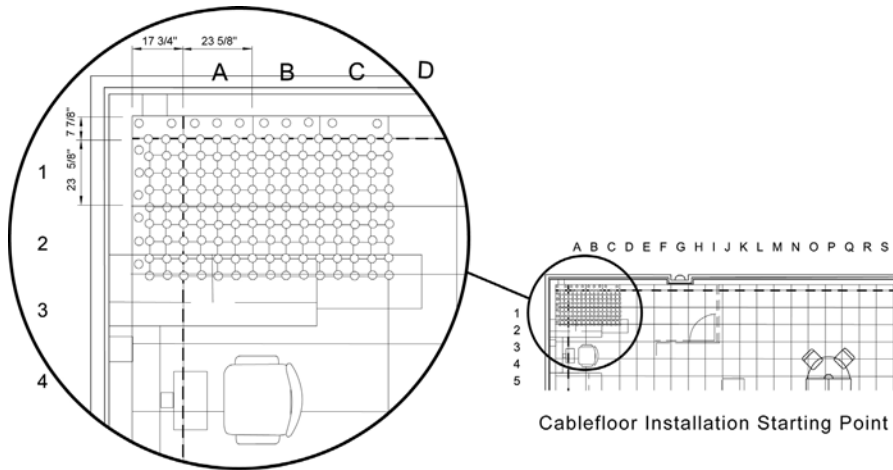
To learn more about Cablematrix™ Planning for Flexspace' Cablefloor® system, visit [www.cablefloor.com](http://www.cablefloor.com) or contact **Flexspace** A division of Byrne Electrical Specialists [flexspace@byrne-electrical.com](mailto:flexspace@byrne-electrical.com) / (616) 866-3461

Cablematrix Planning begins by providing a complete guide for the installation of Cablefloor, including the optimum access panel grid pattern for your floor plan. Every access panel is identifiable according to an alphanumeric grid which serves as a guide in the location of underfloor power and data/com cables and components.

**Alphanumeric Cable Location Matrix**



**Cablematrix Basic Installation**



Location & Dimension for Chalk Lines to Start Installation

**About Flexspace**

**Flexspace** A division of Byrne Electrical Specialists is redefining the distribution and management of electrical power and communications connectivity in the architectural spaces where we work and learn through its products, services and partners; ensuring that its customers can rapidly adapt to new technology and organizational dynamics at the lowest cost.

Privately held and founded in 1996, **Flexspace A** division of Byrne Electrical Specialists is an Architectural Technology Infrastructure (ATI) company that delivers the most flexible and lowest cost solution for power and communications cable management, independent of space plans, and permanently constructed interior elements. Flexspace' ATI Solutions Framework provides the building blocks for the ultimate platform for future change. The Cablefloor® - cellular flooring system, Powerflex Xcel™ – modular electrical system, Netflex™ – active and passive zone distribution, Cablematrix™ Planning Service and Flextech™ Project Management and Installation Services are the core components of the Flexspace solution. **Flexspace A** division of Byrne Electrical Specialists is the pioneer and leader in delivering modular standards-based ATI solutions that provide immediate end-to-end access to power and communications at the lowest cost.

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 320 Byrne Industrial Drive  
 Rockford, MI 49341  
 Phone (616) 866-3461  
 Fax (616) 866-3129  
 flexspace@byrne-electrical.com

[www.cablefloor.com](http://www.cablefloor.com)

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**NOTE** We require that the final Cablematrix plan for Powerflex Xcel and Data/Com components be approved by your project's electrical and network engineers to ensure that the plan meets all requirements and specifications.