



Press Release:

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FPS E-Pile Schedule Speeds Information Flow and Eliminates Errors for Structural Engineers

The Federation of Piling Specialists (FPS) has introduced an **E-Pile Schedule** that not only increases information efficiencies, through the provision of data in a standardised format, but is also designed to eliminate potential errors with loading details, assisting structural engineers throughout the specification and design process.

The Microsoft Excel-based **E-Pile Schedule**, which can be downloaded from the FPS website [www.fps.org.uk], is available for British Standard and Eurocode design approaches and eliminates the need to input data manually – an advantage to all those potentially involved in a construction project and in-line with BIM.

Speaking about the **E-Pile Schedule's** introduction, Andrew Bell, Chief Engineer at Cementation Skanska and member of the FPS Technical Committee Said: "With the advent of Eurocodes loading details relevant to pile design have become ever more complex. As such there is a much greater margin for error when deriving the appropriate design loadings, when compared to the traditional standard approach. What the **E-Pile Schedule** will do is remove any ambiguity in the derivation of pile loadings with piling details delivered to the Structural Engineer in an easy-to-use standardised format, so the piling contractor no longer has to 'make a judgment' of the loading conditions removing any potential for error."

Over the life cycle of any project, data is often derived manually from PDF's or other file-types, a process which not only takes time and adds a potential error source, but can also introduce delays in the design and pricing of works.

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Andrew added: "With data available in a standardised electronic format its transmission is far easier and more robust and will allow fully automated inclusion of pile details into project BIM models, as well as allowing updates to be added throughout the project and these adjustments updated also in the BIM model."

The **E-Pile Schedule** is available for free from the FPS website [www.fps.org.uk].

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Notes to Editor:

Established in 1964, the Federation of Piling Specialists (FPS) has proactively worked with its members to drive up standards within the industry. From a handful of members back in the days when rotary techniques were coming into use and crane-mounted and hydraulic equipment was in its infancy, the FPS has moved on now represents some of the leading geotechnical specialists in the construction sector.

Its independent auditing process, which all prospective members need to go through ensures the highest standards are met, and this audit is repeated every three years to ensure standard are maintained and improved up on continually, including, more recently, a sustainability score.

The FPS works closely with it members on establishing standards and providing guidance across all geotechnical areas as well as on wider construction related issues such as Building Information Modelling (BIM).

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