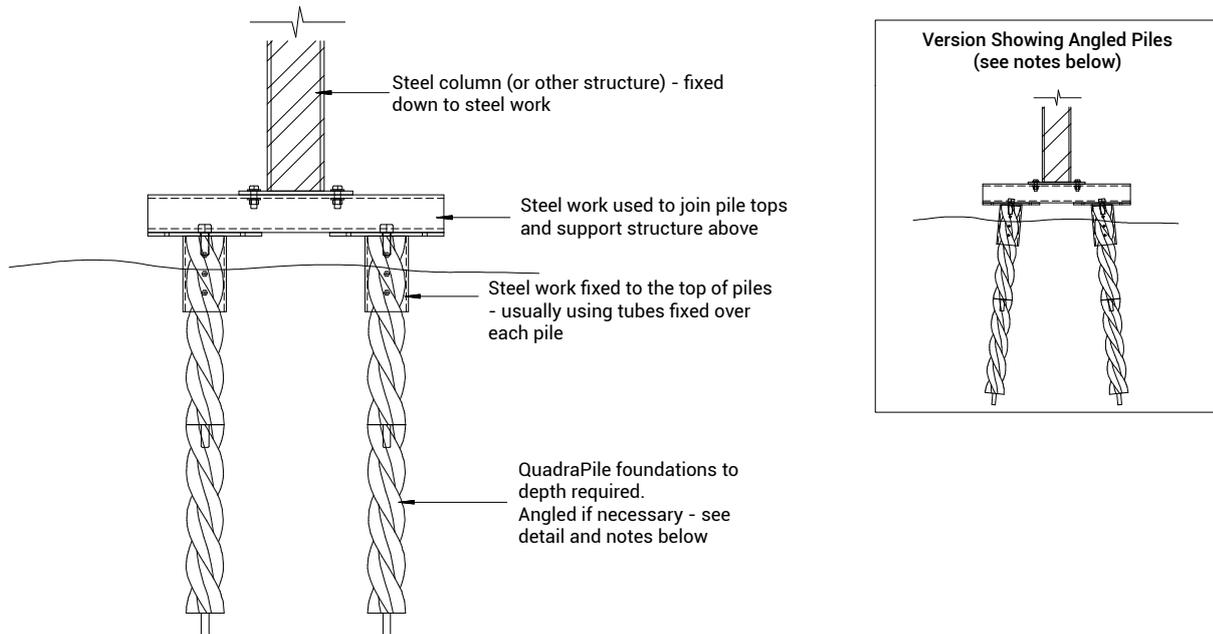




QuadraPile Steel Pile Cap with Multiple Piles



For use where the required support for a point load exceeds the achievable load on a single QuadraPile. An alternative to using a concrete pile cap (as per QPN-11). Two, three, four or more piles can be used to share the load.

METHOD STATEMENT

1. Where the design allow, piles can be driven through the tubes of the steel work to ensure accurate positioning.
2. Drive piles at the required positions and carry out load testing to the specified requirement.
3. Finish the piles at the required height.
4. Install the steel work and fix into the pile tops.
5. Check that the levels and position of the steel work comply with requirements.

GUIDANCE NOTES *Unless otherwise specified, the following criteria are to be used:*

- a. Size of piles and required proof test loads should be specified by the designer.
- b. Steel work can be above ground or hidden below ground depending on requirements - suitable corrosion resistance should be used in all cases.
- c. Number and spacing of piles will be dependent on loads to be supported and so should be specified by the designer.
- d. If piles need to be closer than 500mm c/c, they can be angled outwards (as shown above) to ensure they work in areas of separate ground. This detail should be specified by the designer.

To find out more and to see how we could help you, please contact us

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