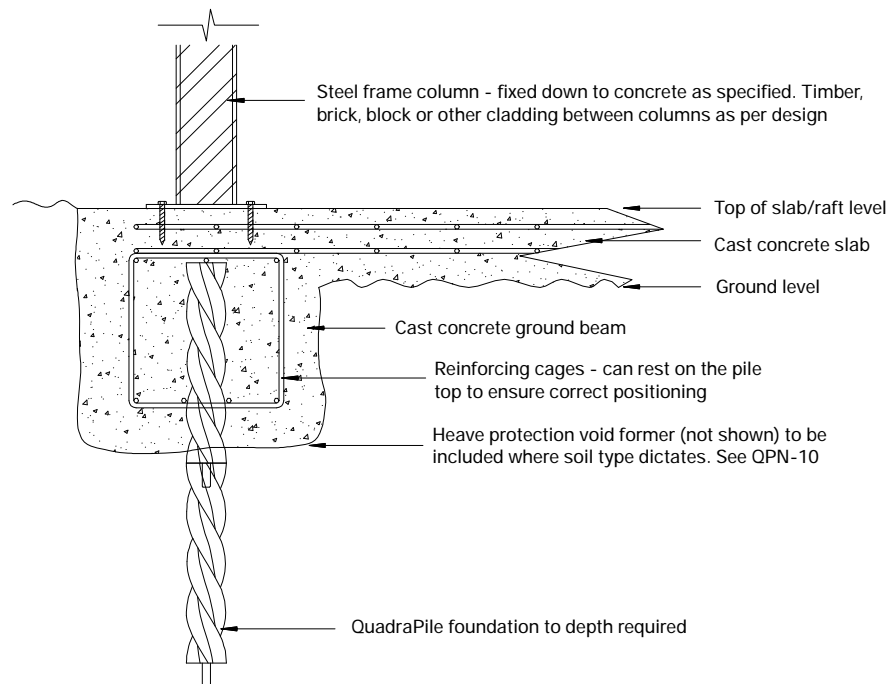




Piled Ground Beam and Raft for New Build Steel Frame



METHOD STATEMENT

1. Excavate the required trench and area for the raft.
2. Drive piles at the required spacing along the trench and carry out load testing to the specified requirement.
3. Finish the piles at the required height.
4. Install any heave protection boards required - See QPN-10.
5. Install the reinforcing cages over the piles and reinforcing mesh across the raft area using suitable spacers if required.
6. Install any required fixing down points for the steel frame.
7. Pour the concrete to form the ground beam and raft.

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

- a. Size of pile and required proof test loads should be specified by the designer.
- b. Minimum of 300mm length of the top of the pile is to be cast into the concrete ground beam.
- c. Pile spacing will be dependent on loads to be supported and so should be specified by the designer.
- d. Typical ground beam is 450x450mm.
- e. Typical reinforcing cages use 4 or 6 No. 12mm longitudinal bars with 300x300mm link hoops using 10mm bar at 250mm spacing.
- f. Typical raft is 150-250mm thick with one or two layers of reinforcing mesh.

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

info@quadrabuild.com | 02086 445 434 | www.quadrabuild.com

