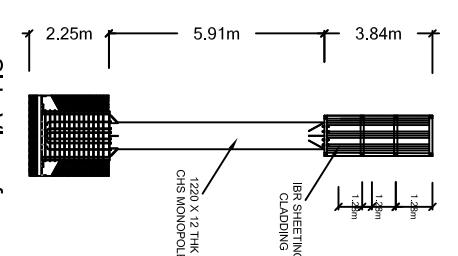
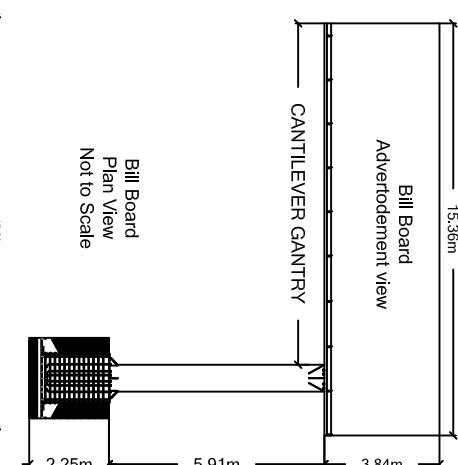
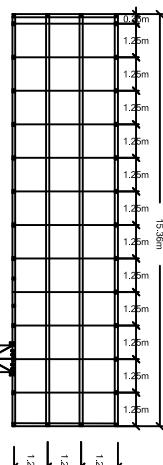


GENERAL NOTES

- The Contractor to keep a full set of drawings on site.
- The Contractor is responsible for correct setting out of structures on site with particular reference to boundaries and building lines.
- The Contractor to verify and express where dimensions on site.
- Do not scale, use figured dimensions only.
- Large scale details to be used where available, architectural or structural or other drawings.
- Any errors or discrepancies are to be reported immediately to the Contractor.
- The Contractor is to identify and express where relevant SANS 1200 or SANS 2001 specification.
- Contractor to be in accordance with the relevant SANS 1200 or SANS 2001 specification.
- Shall the Engineer be required on site, 24 hrs notice is requested.

STRUCTURAL STEEL WORK

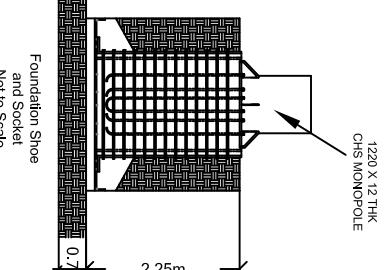
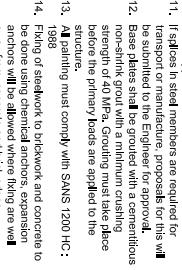
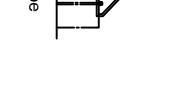
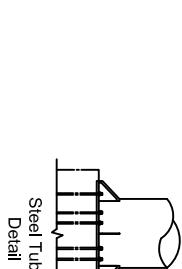
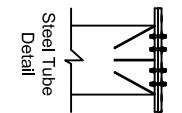
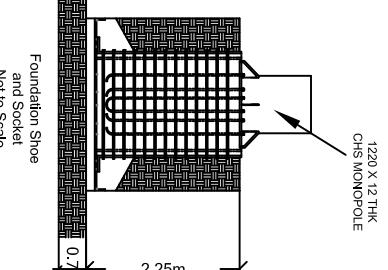
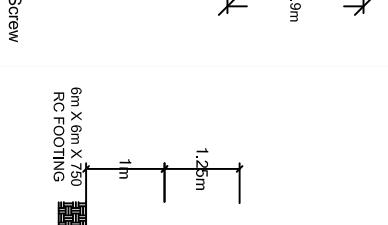
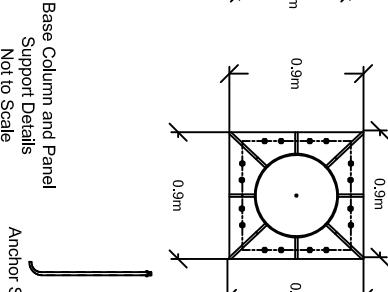
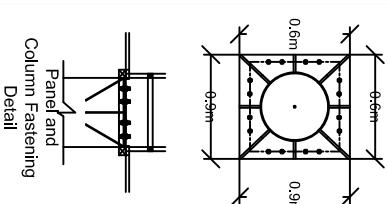
- All structural steelwork shall be fabricated and erected in accordance with SANS 2001-C51:2005, SANS 10182:2005 and any client specific requirements.
- Welding shall conform to AWS D1.1-90 specifications.
- Butt-welds shall develop the full strength of the elements joined.
- All welding to be 6mm continuous fillet weld unless otherwise shown.
- Welding electrode to be E70XX (w.u.c. 25).
- Dimensions shall be checked on site by the steelwork contractor before shop drawings commence. Any discrepancies shall be brought to the attention of the Engineer.
- A temporary set up drawing shall be submitted to the Engineer for approval before fabrication.
- All structural steelwork to be grade 50W even for cold formed units and joints where commercially steel may be used if approved by the Engineer.
- Structural bolts shall be M20, grade 8.8 M16, grade 8.8, a minimum of two bolts per connection will be used, (two, one each side).
- Where temporary bracing or propping is necessary, the Contractor shall be responsible for the design, maintenance and removal of such supports.
- If stiffeners or panel members are required for transport or manufacture, proposals for this will be submitted to the Engineer for approval.
- Base plates shall be grouted with a cementitious non-shrink grout with a minimum curing strength of 40 MPa. Grouting must take place before the primary loads are applied to the structure.
- All painting must comply with SANS 1200 HC: 1988
- Hinge of steelwork to brickwork and concrete to be done using chemical anchors, expansion anchors will be allowed where fixing are wet away from concrete and brick edges.



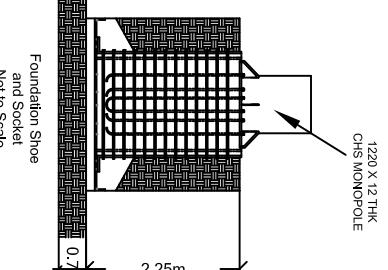
Side View of Advertisement
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SETTING OUT & DIMENSIONS

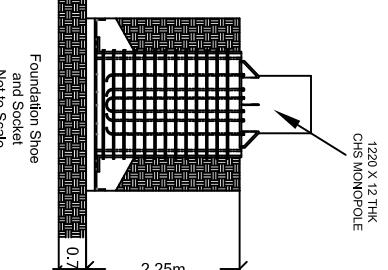
- ALL SETTING OUT AND POSITIONING OF CONCRETE AND STEELWORK IS THE CONTRACTOR'S RESPONSIBILITY
- ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCY BROUGHT TO THE ATTENTION OF THE ENGINEER.



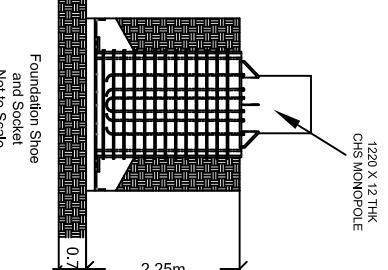
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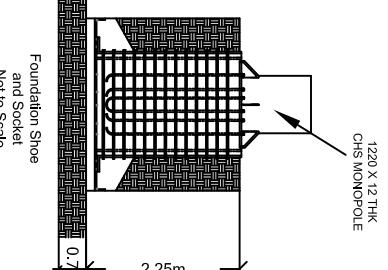
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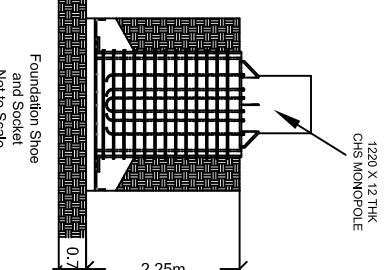
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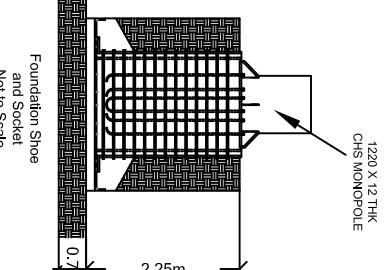
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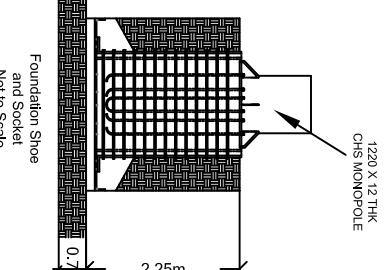
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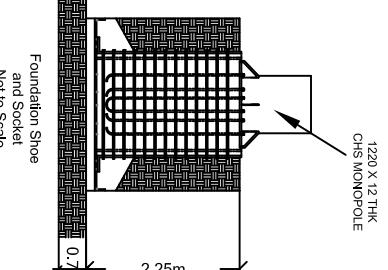
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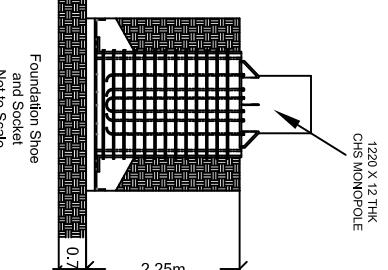
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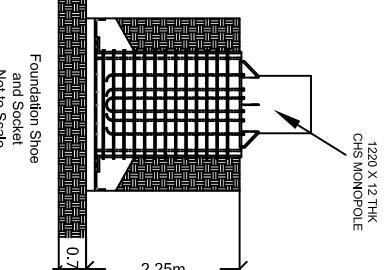
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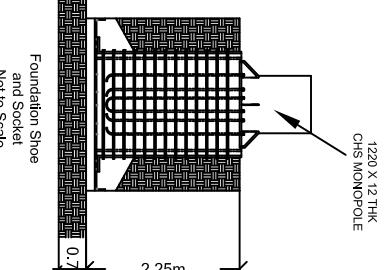
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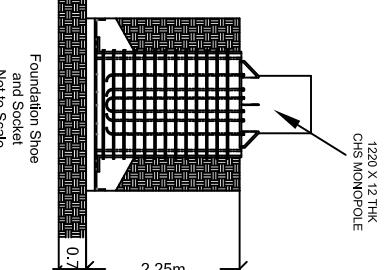
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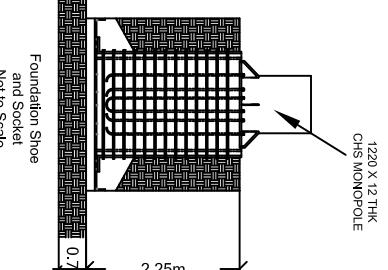
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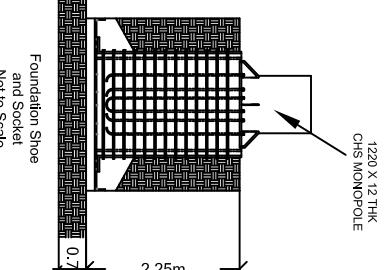
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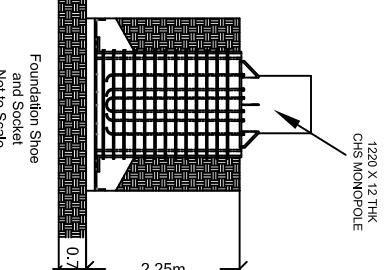
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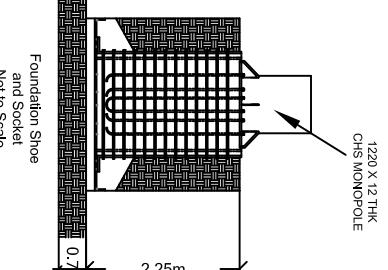
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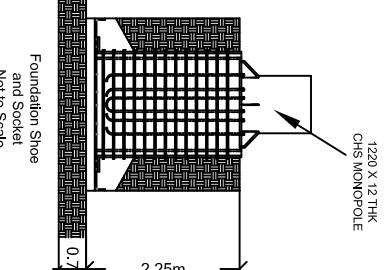
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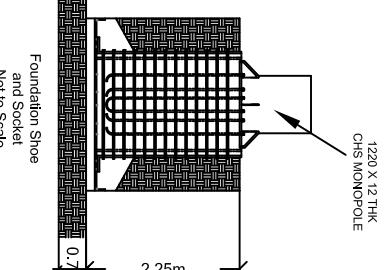
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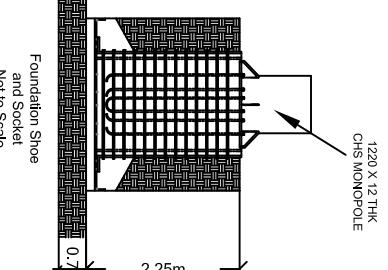
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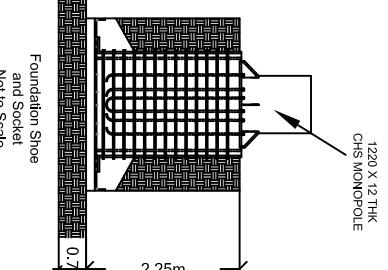
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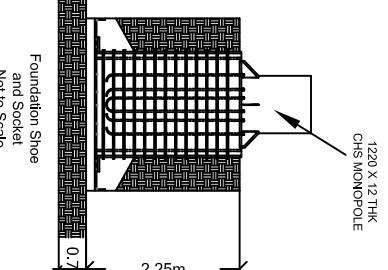
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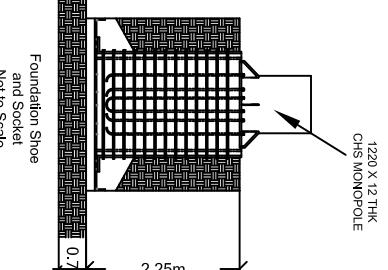
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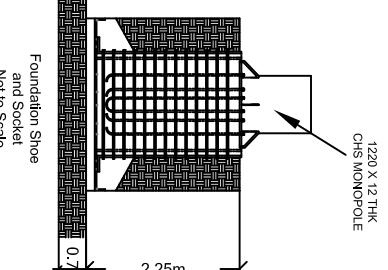
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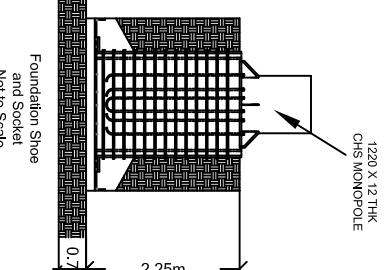
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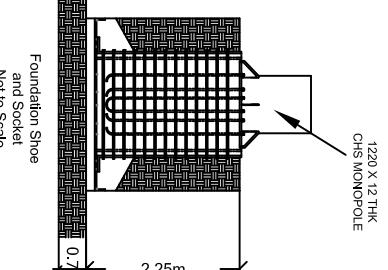
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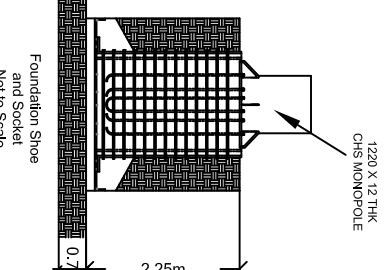
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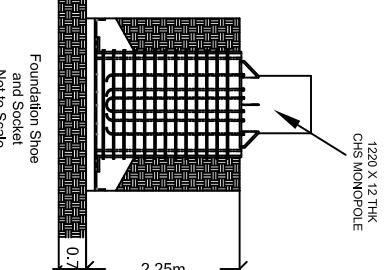
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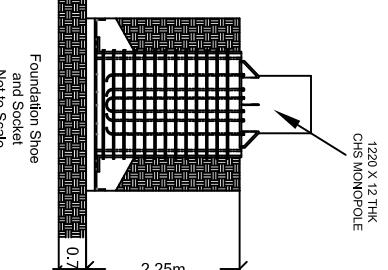
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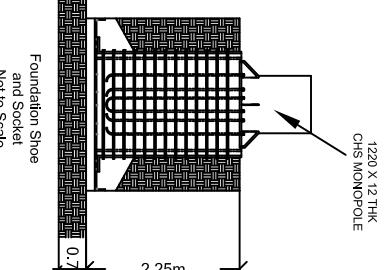
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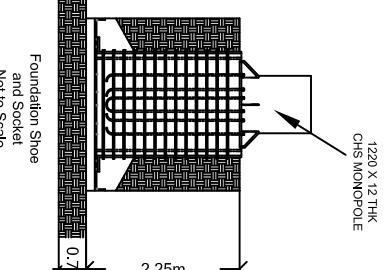
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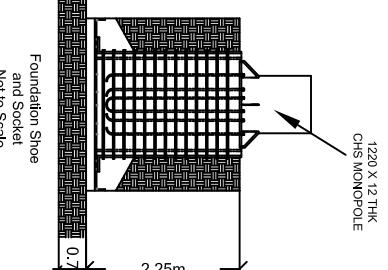
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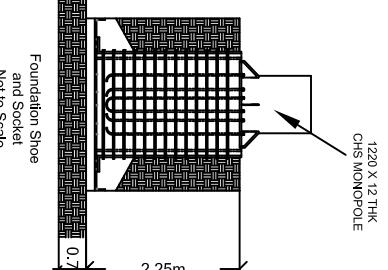
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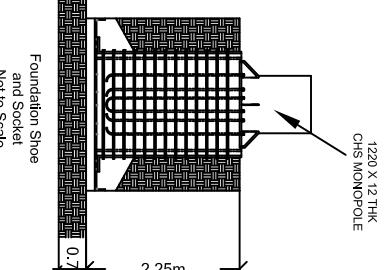
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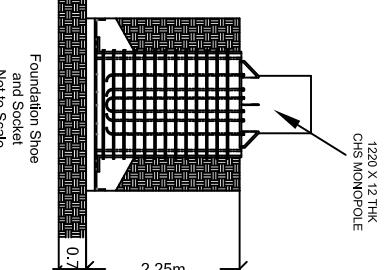
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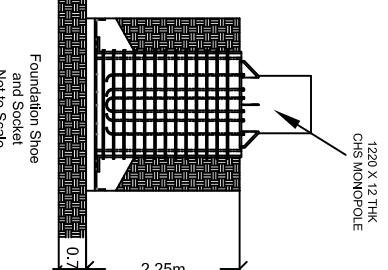
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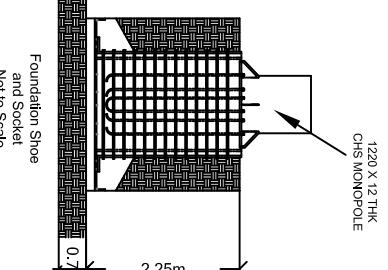
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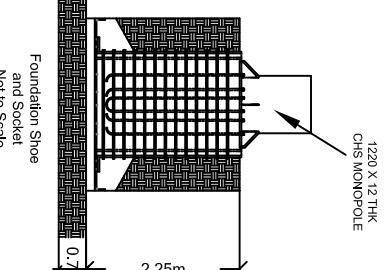
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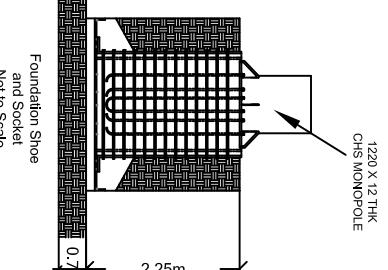
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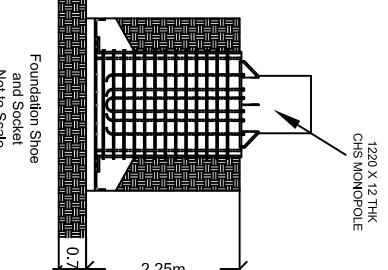
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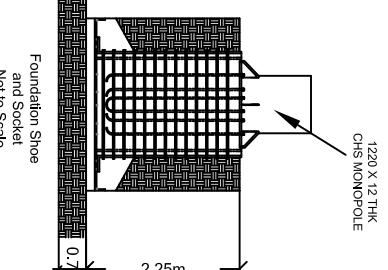
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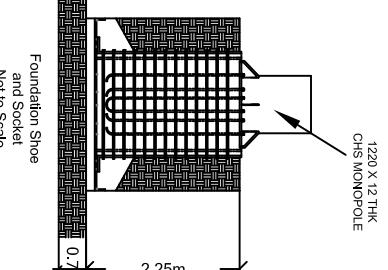
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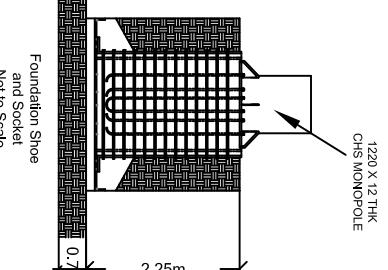
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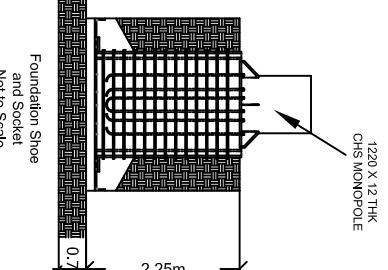
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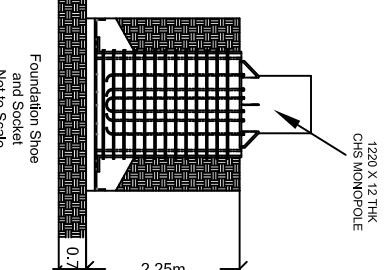
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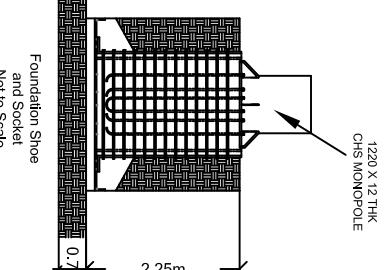
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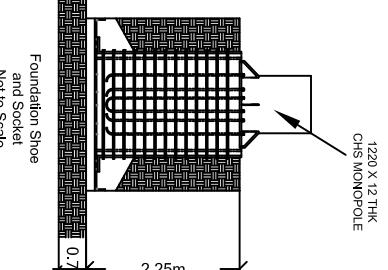
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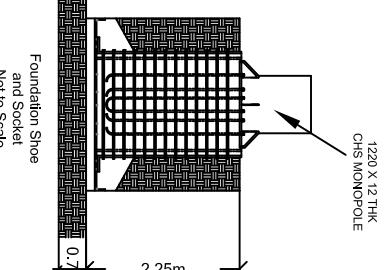
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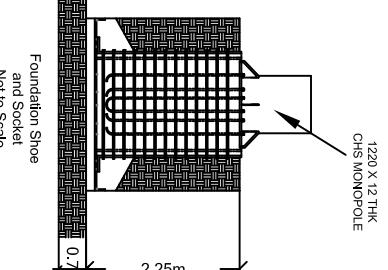
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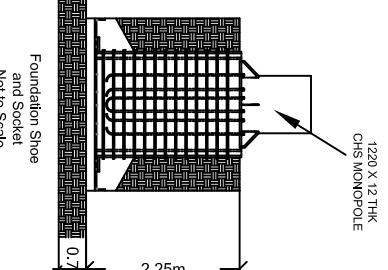
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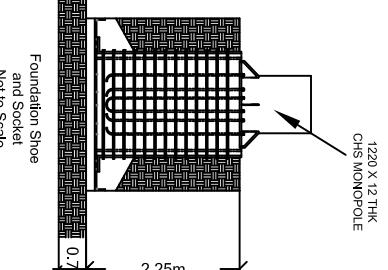
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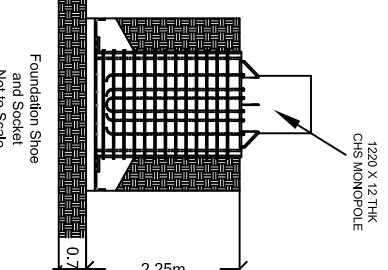
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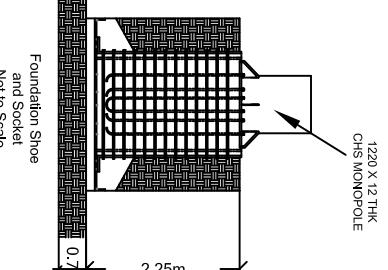
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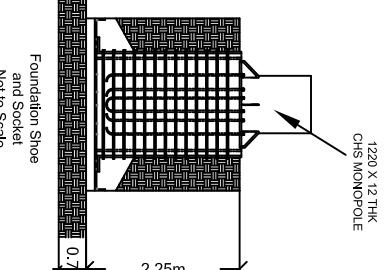
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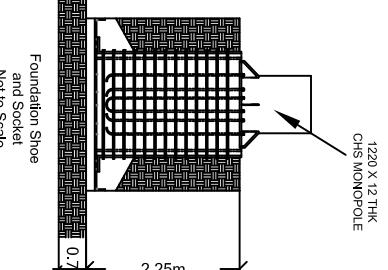
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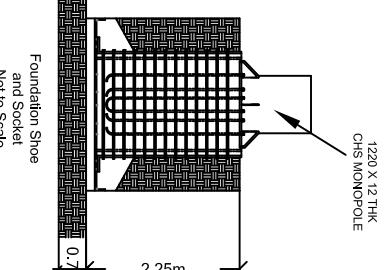
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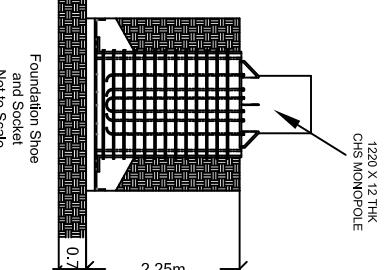
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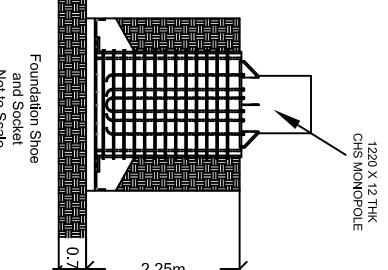
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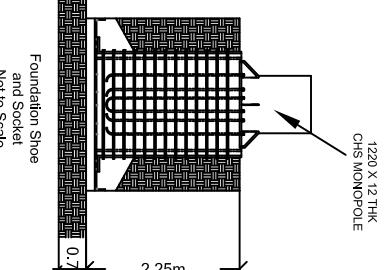
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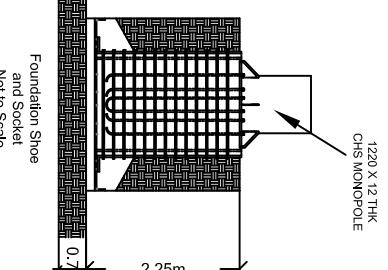
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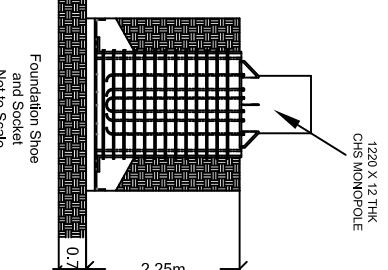
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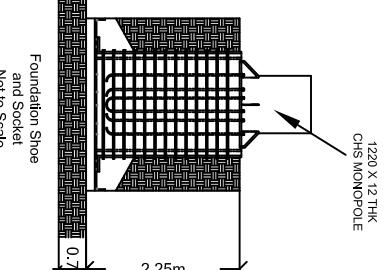
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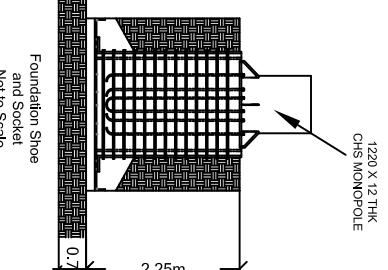
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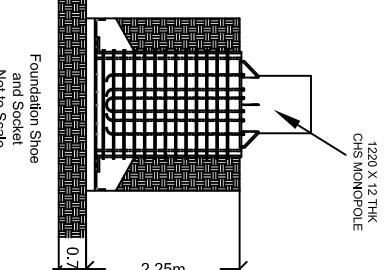
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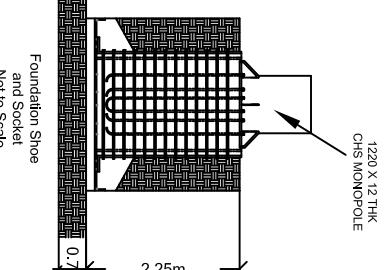
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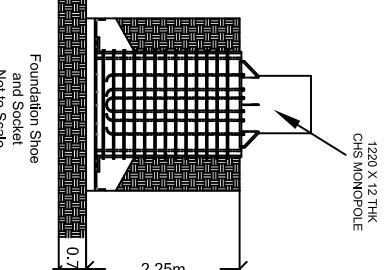
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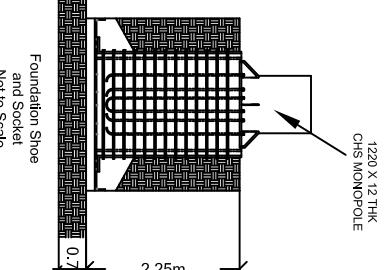
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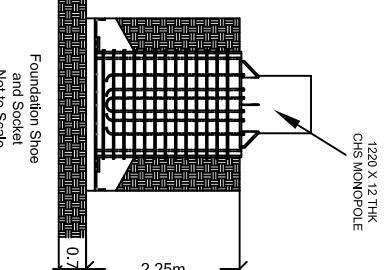
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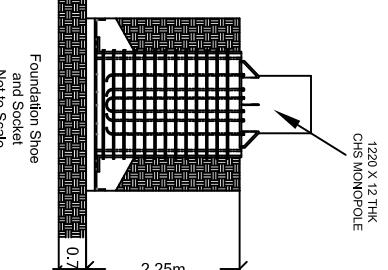
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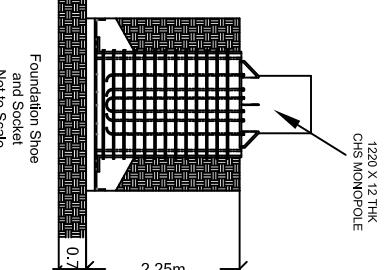
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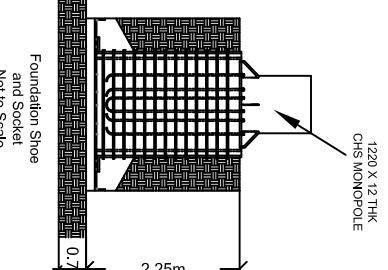
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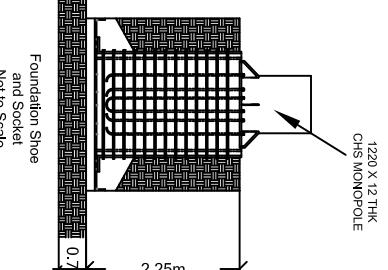
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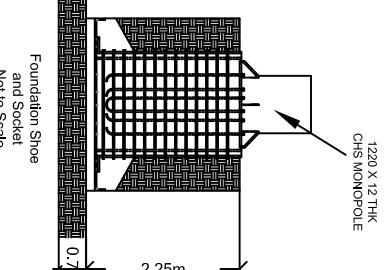
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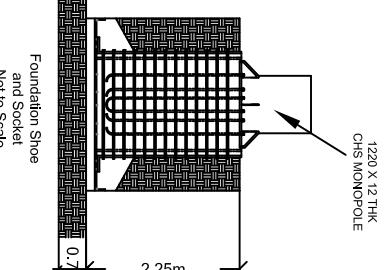
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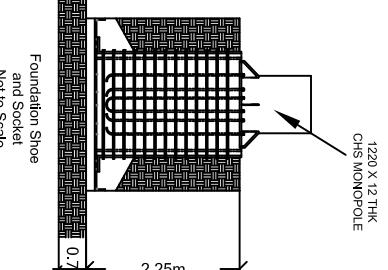
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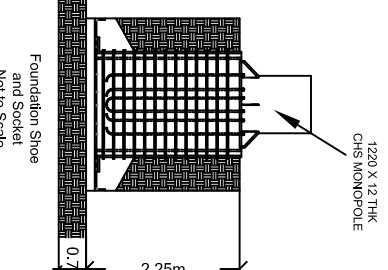
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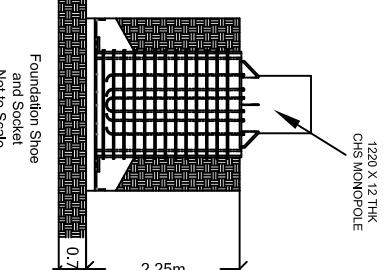
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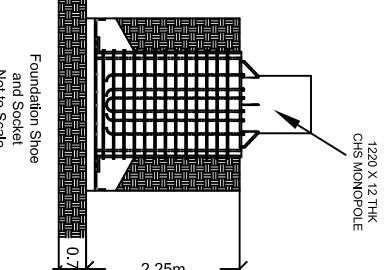
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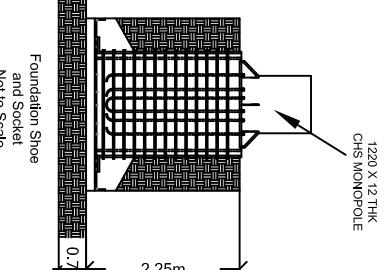
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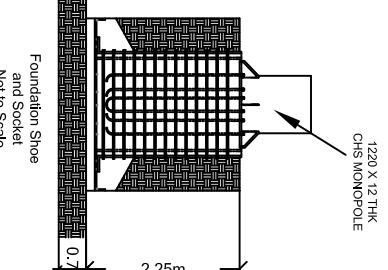
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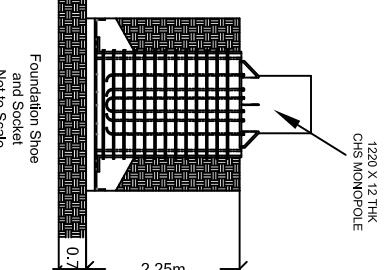
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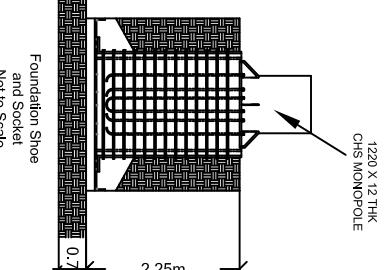
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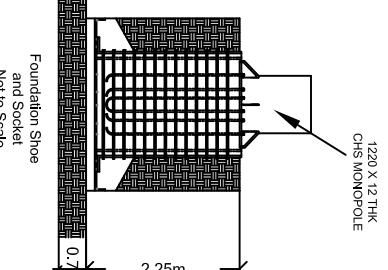
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