

125mm x 50mm rafters @ 400mm centers, 38mm x 19mm sv battens on breather layer felt. Roof pitch and tile to match existing extension. Provide 145mm celotex insulation between / under rafters, 500g polythene vapour barrier, 12mm plasterboard and skim. Ensure tile capable of achieving roof pitch.

Code 4 lead flashing to be dressed min 150 up wall

Ensure minimum 25mm continuous vent gap to roof space

30mm x 5mm galvanised mild steel holding down / restraint straps @ 2m centers.

See note on plan regarding wall thickness of rear wall of extension.

Bituminous felt or similar approved DPC minimum 150mm above ground level

65mm screed, 100mm insulation, 150mm concrete slab, 1200g polythene DPM cast with DPC's, 150mm hardcore blinded with sand. Provide chicken wire in screed, insulation to be Kingspan or similar, capable of achieving a U-value of 0.22w/m²k

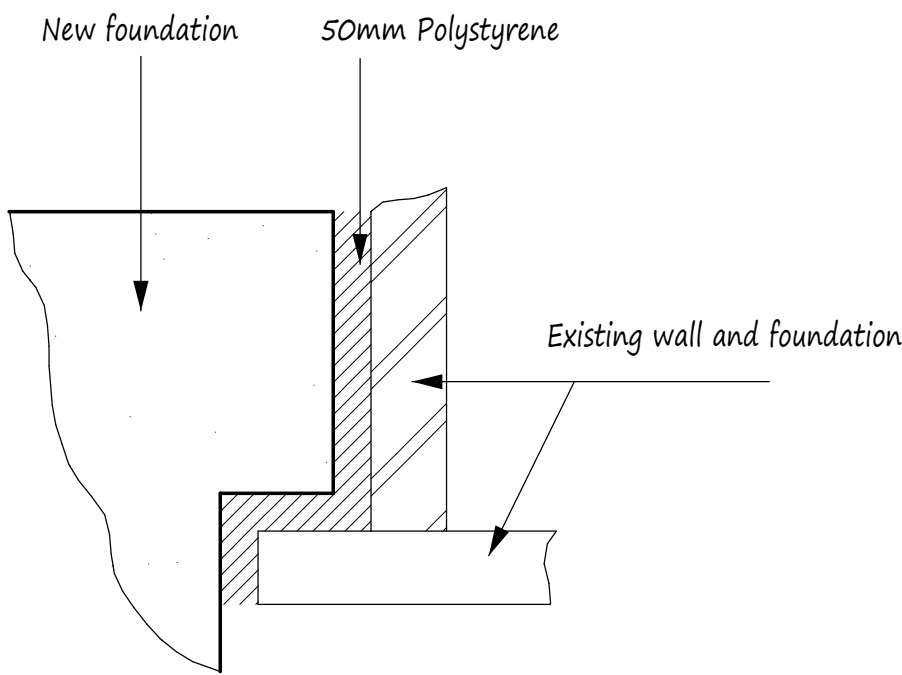
2/103 brick skins, cavity filled with mortar up to DPC level.

DPC's to lap with existing

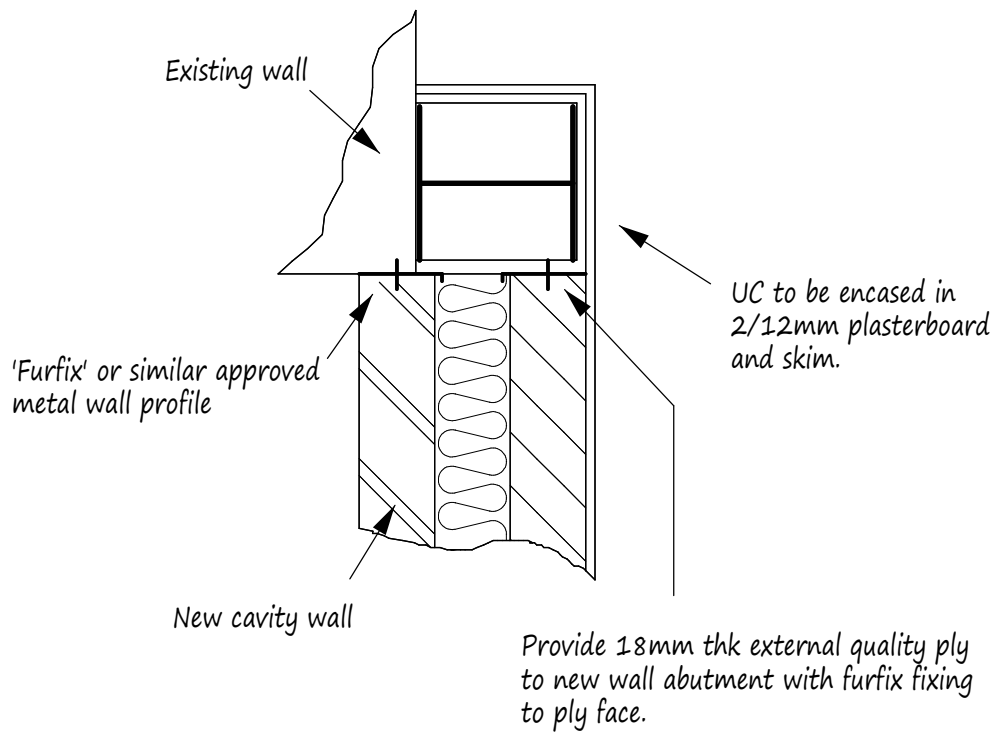
Section A- A

Eccentrically position rear wall on foundation if necessary to meet Thames Water Requirements.

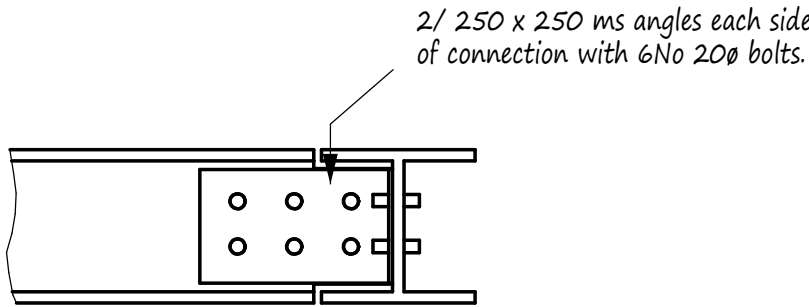
Foundations to be taken down minimum as noted however to also extend below invert level of any local drains and 600mm below any tree roots found - all to the satisfaction of the Local Authority. If foundations have to exceed 1500mm deep due to tree roots found, then 65mm claymaster to be provided to inner walls of trench to within 500mm of bottom of trench, with suspended block and beam house floor. If required, contact Pottle & Co Ltd for revised details.



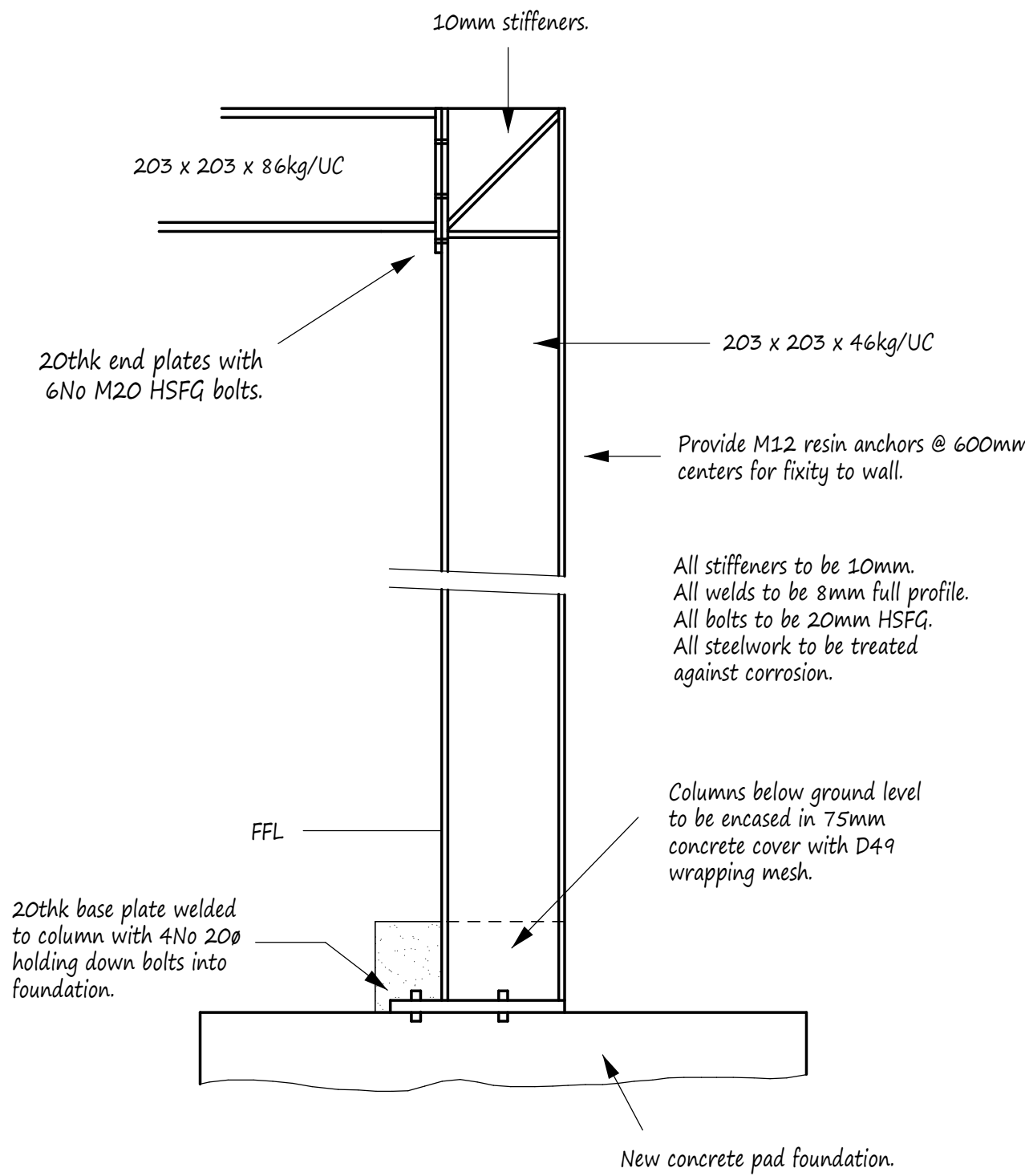
Detail - Where new foundation abuts existing



Detail - Where new wall abuts existing (box frame)



Connection Detail (typical)



Steel Column Detail

Thames Water Requirements  
1. No internal manholes  
2. Foundations to extend below invert level of any drain.  
3. Pre-cast concrete lintels to be provided where drains pass through walls.  
4. Min 600mm from side of trench to side wall of sewer.

NOTES:  
All dimensions must be checked on site and not scaled from this drawing.

For general notes see  
Drg No 4426/01

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| A | Date | Revisions |

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Job Title  
  
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Drawing Title

Sections and Details

Scale  
1:25. 10

|                     |                 |
|---------------------|-----------------|
| Date<br>August 2020 | Drawn by<br>MDP |
|---------------------|-----------------|

Drg No.  
4426/02