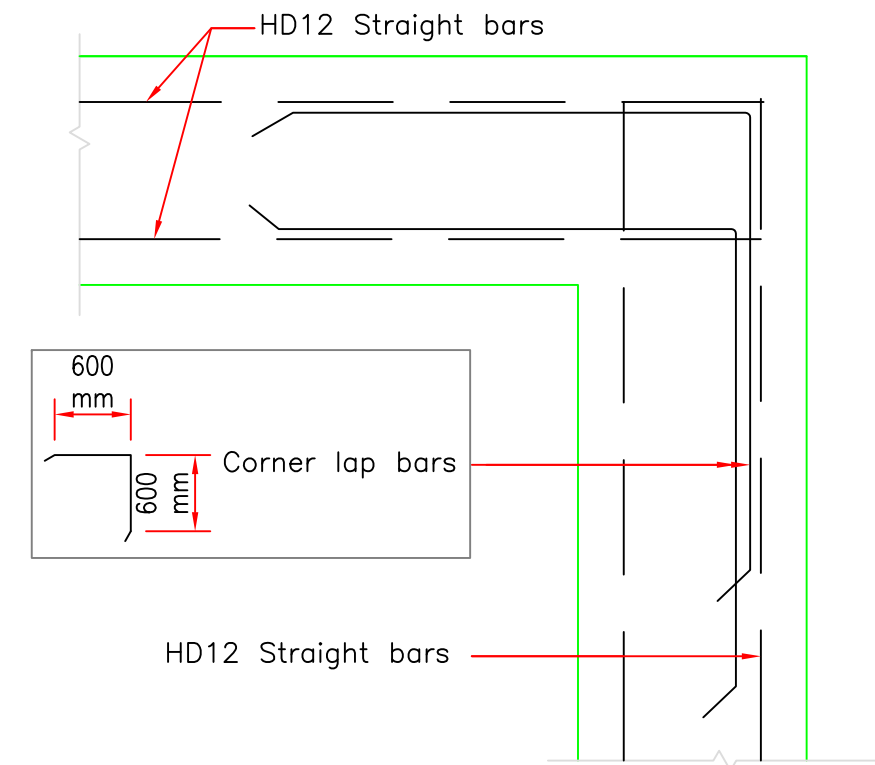
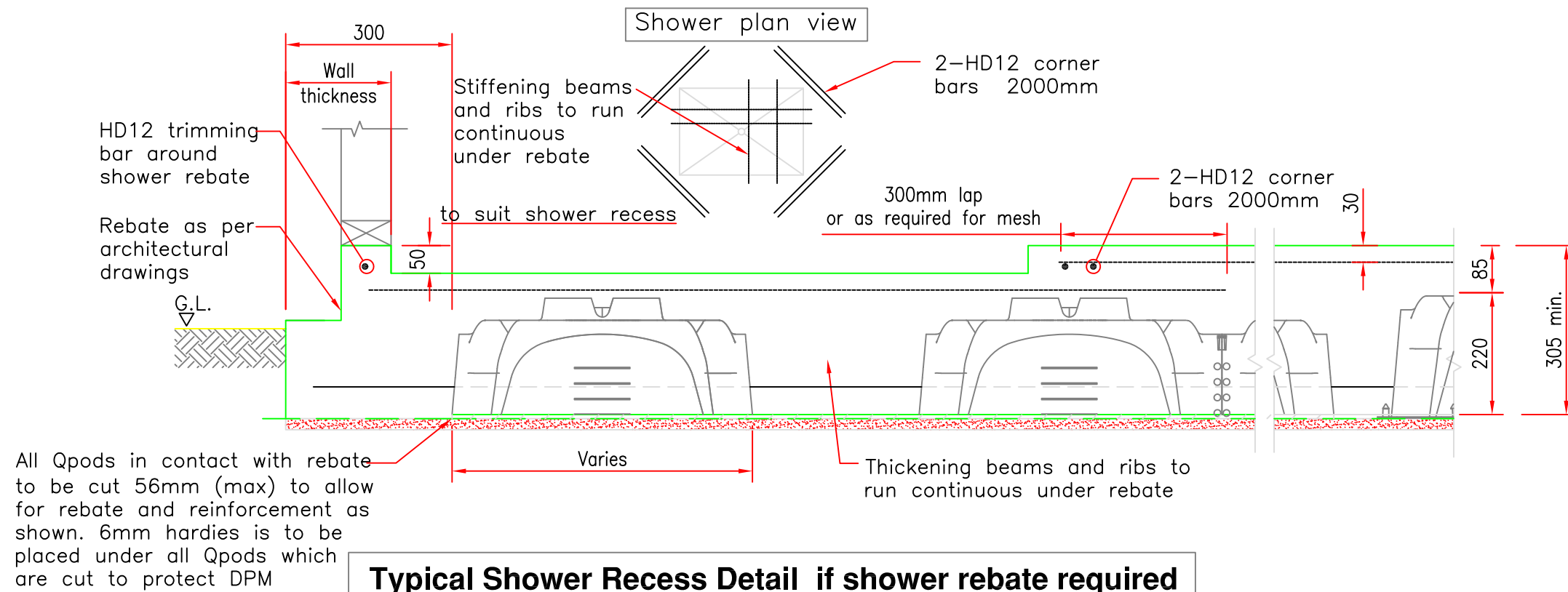


Typical Stiffening Detail



Typical Corner Laps Detail

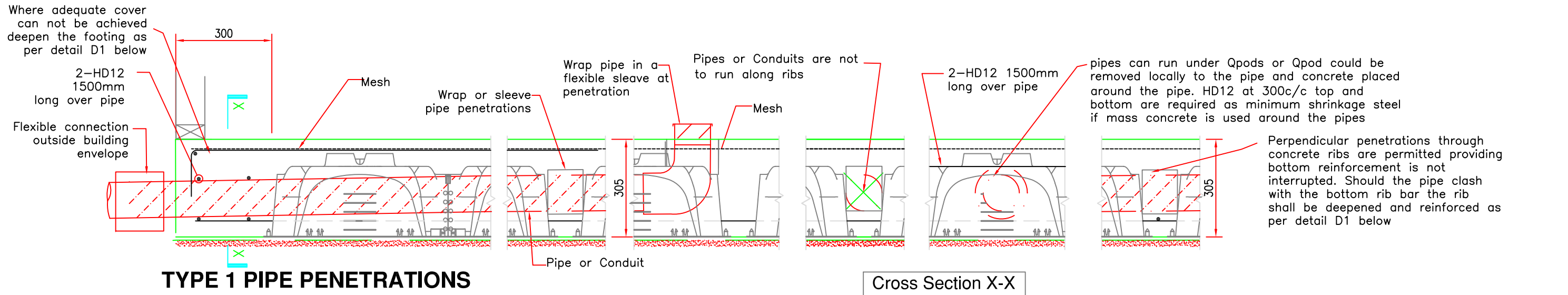
Scale 1:20



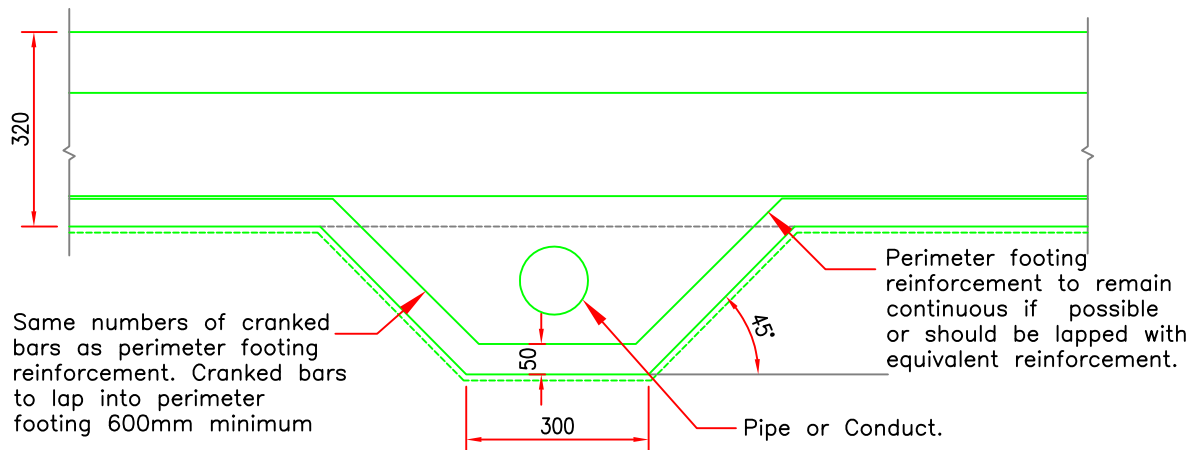
Typical Shower Recess Detail if shower rebate required

Pipe Penetration Details For High Seismic Zones

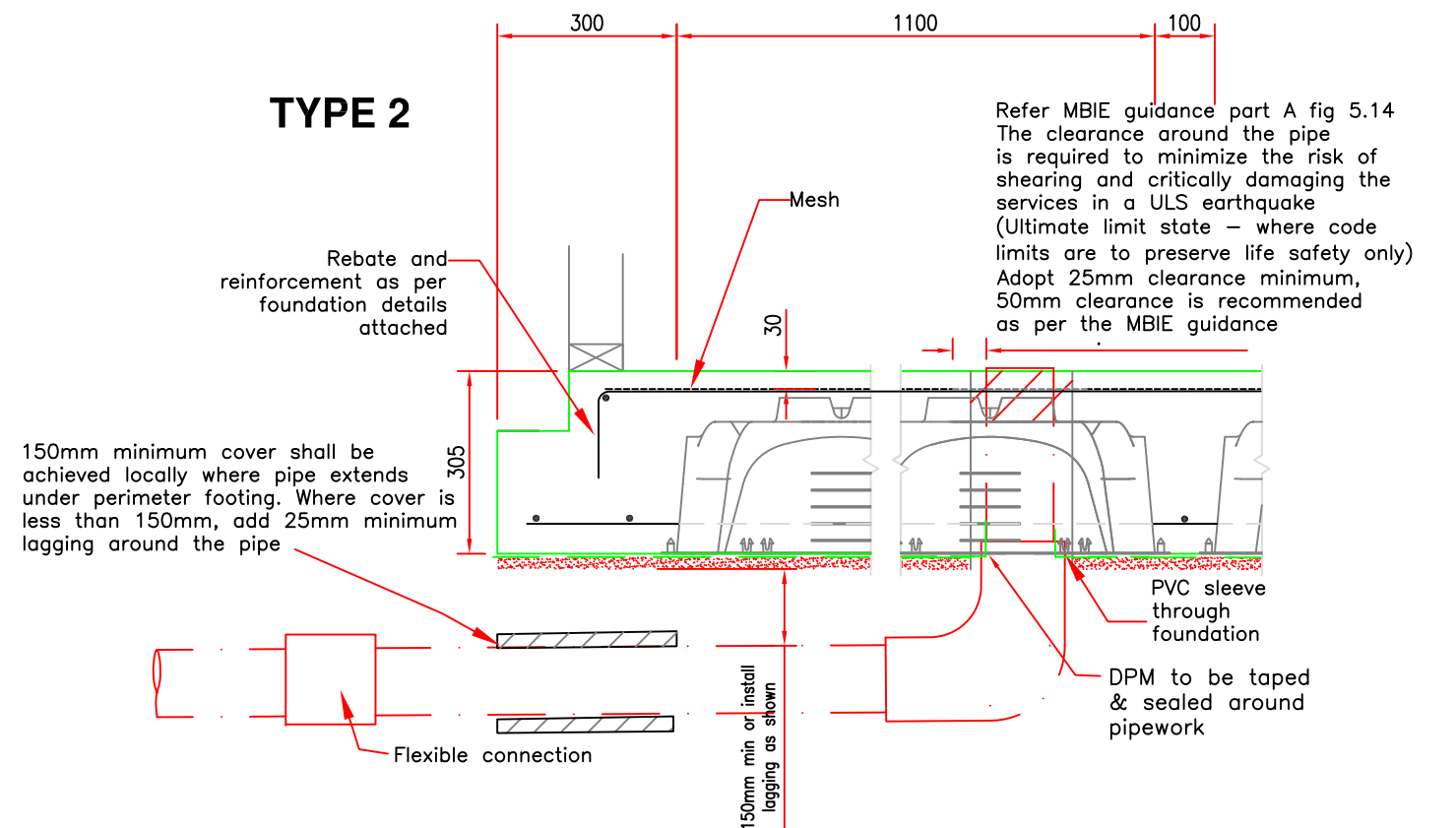
Refer to MBIE Guidelines Section A figure S14 & S15 and building code clause G13

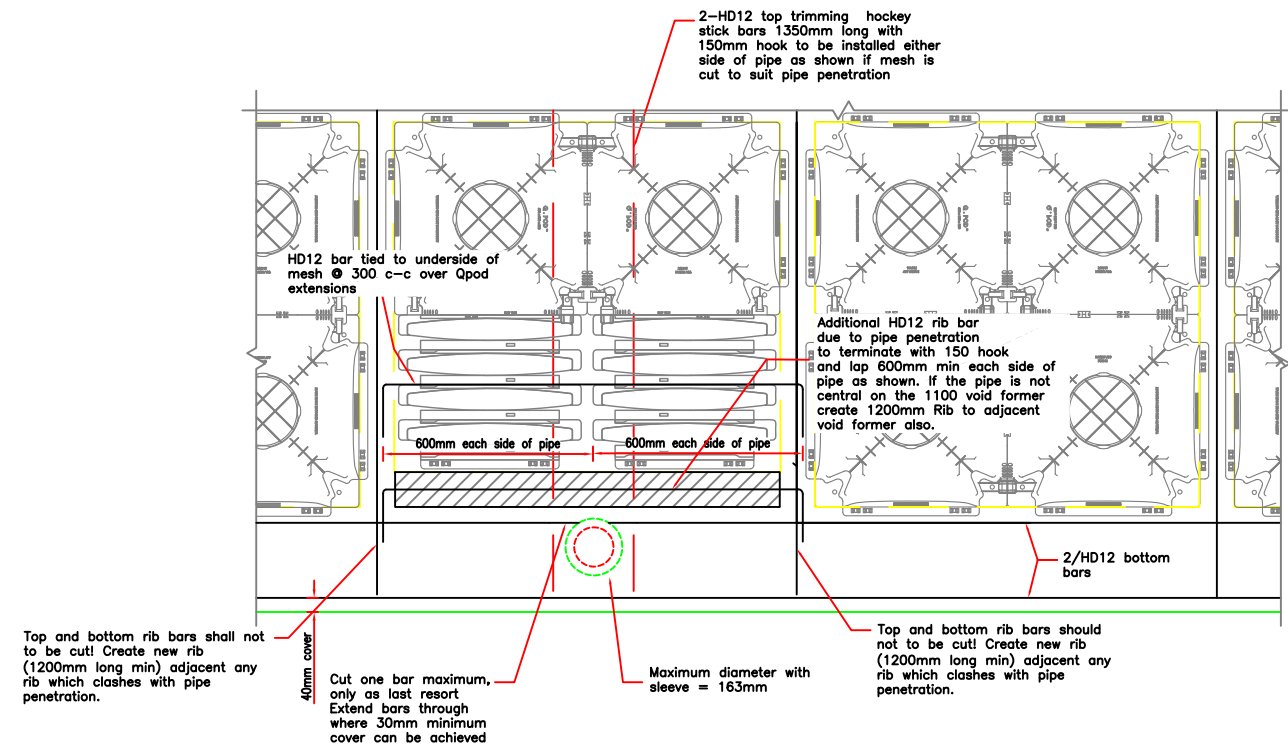


The pipe can be seated on bottom reinforcement, however 30mm minimum top cover needs to be achieved for the top reinforcement over the pipe as shown. Where the pipe clashes with bottom steel or top cover can not be achieved, the perimeter footing shall be deepened and reinforced as per detail D1 below. Where the pipe diameter is larger than 50mm and a brick rebate is required detail D1 shall be adopted to ensure continuity of the reinforcement.



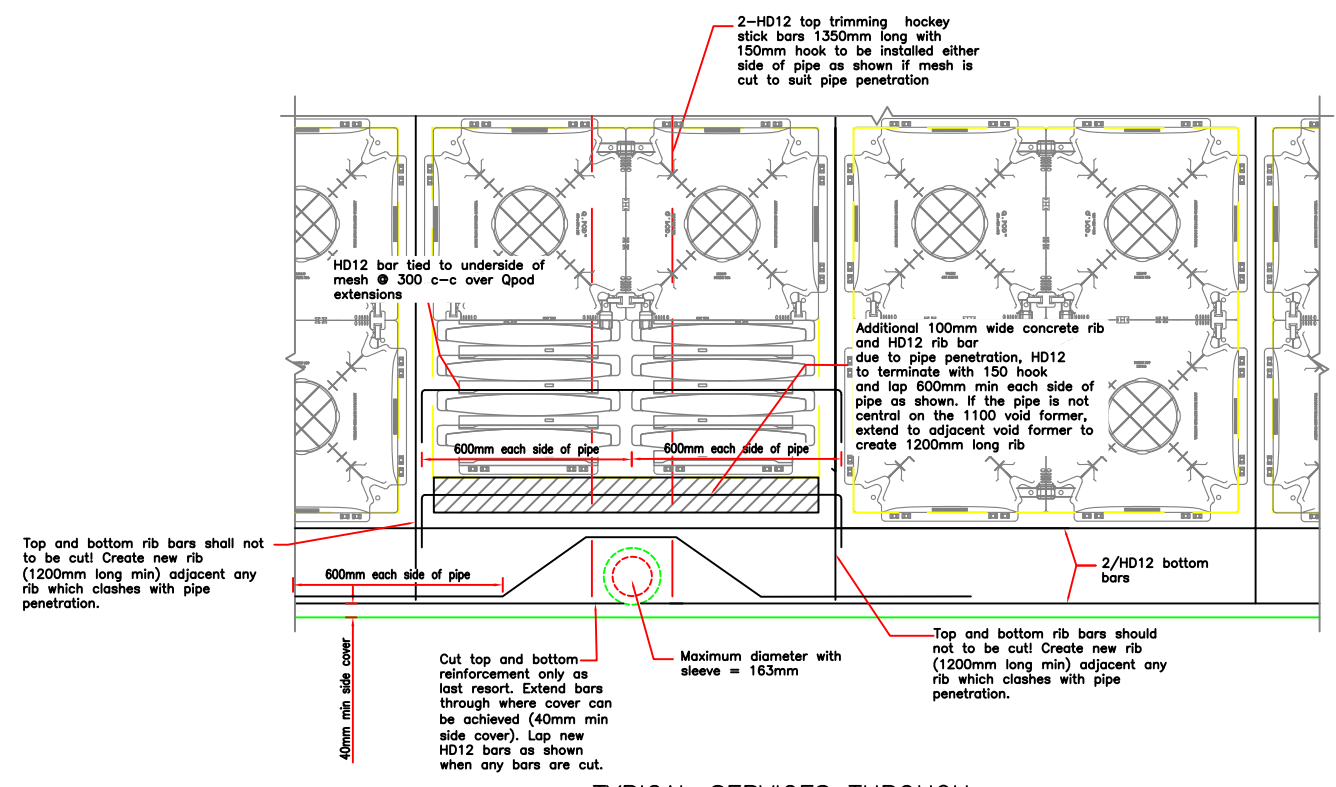
Detail D1 - Typical deepened edge penetration detail for Type 1 where pipes clash with bottom reinforcement to be extended as required back into the slab. (112.5mm diameter max.)



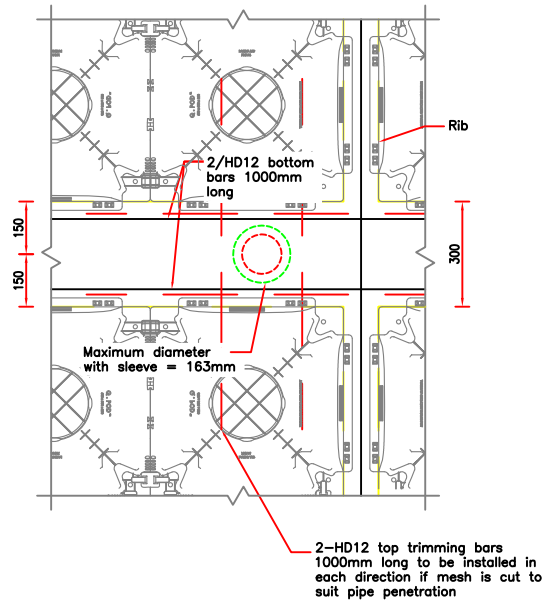


TYPICAL SERVICES THROUGH PERIMETER FOOTING

OR

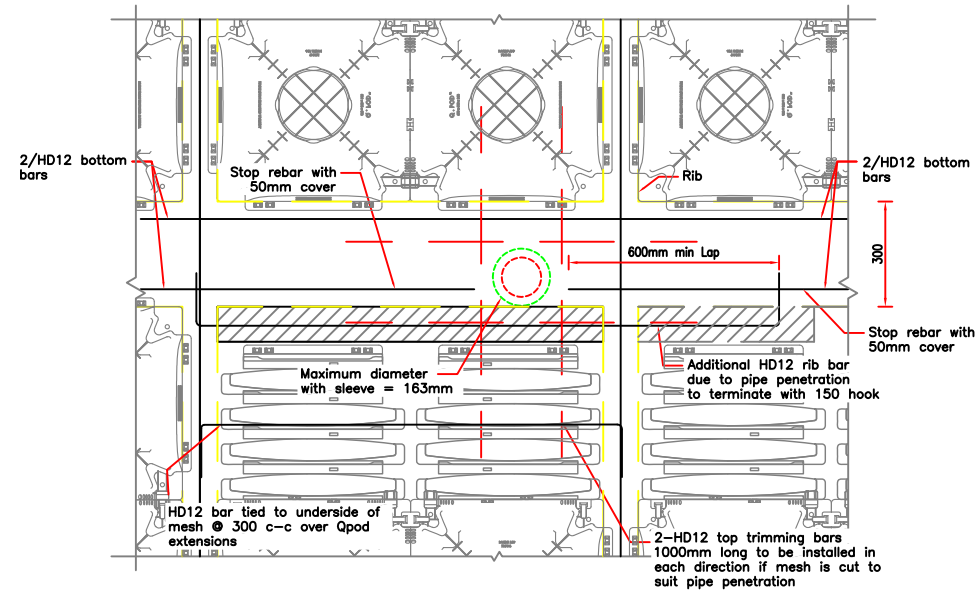


TYPICAL SERVICES THROUGH PERIMETER FOOTING

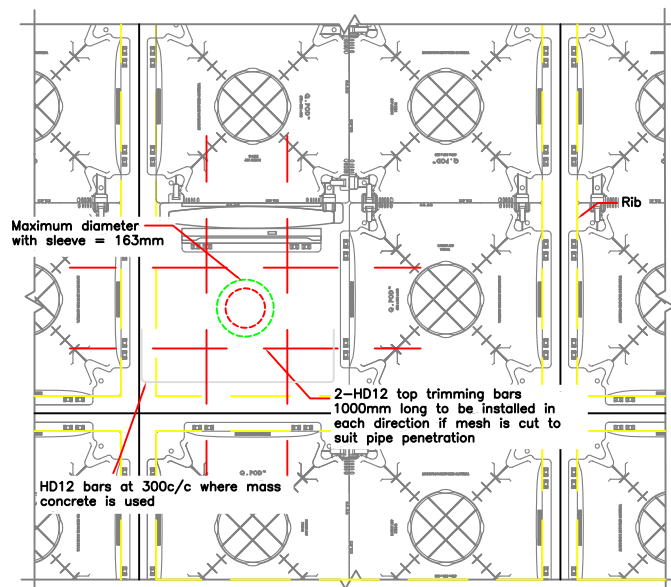


TYPICAL PENETRATION IN LOAD BEARING THICKENING – PIPE CENTRAL

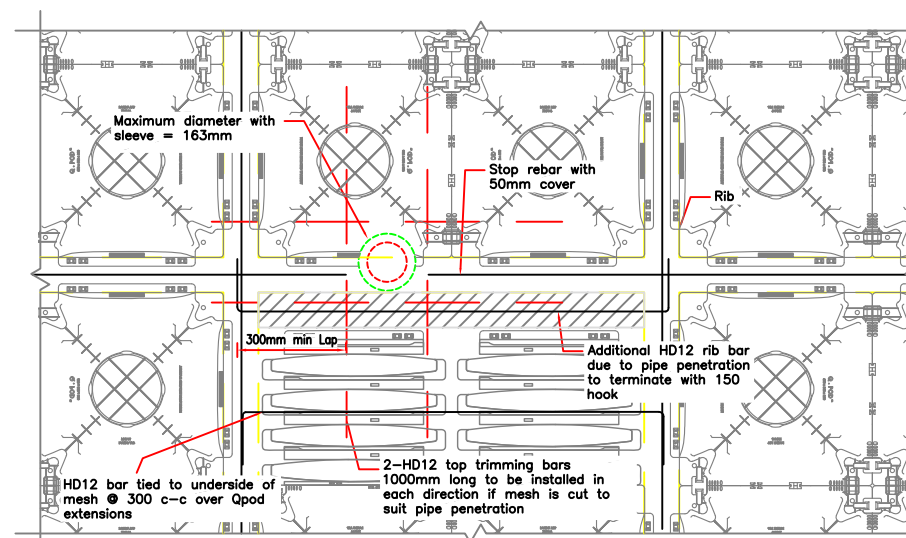
OR



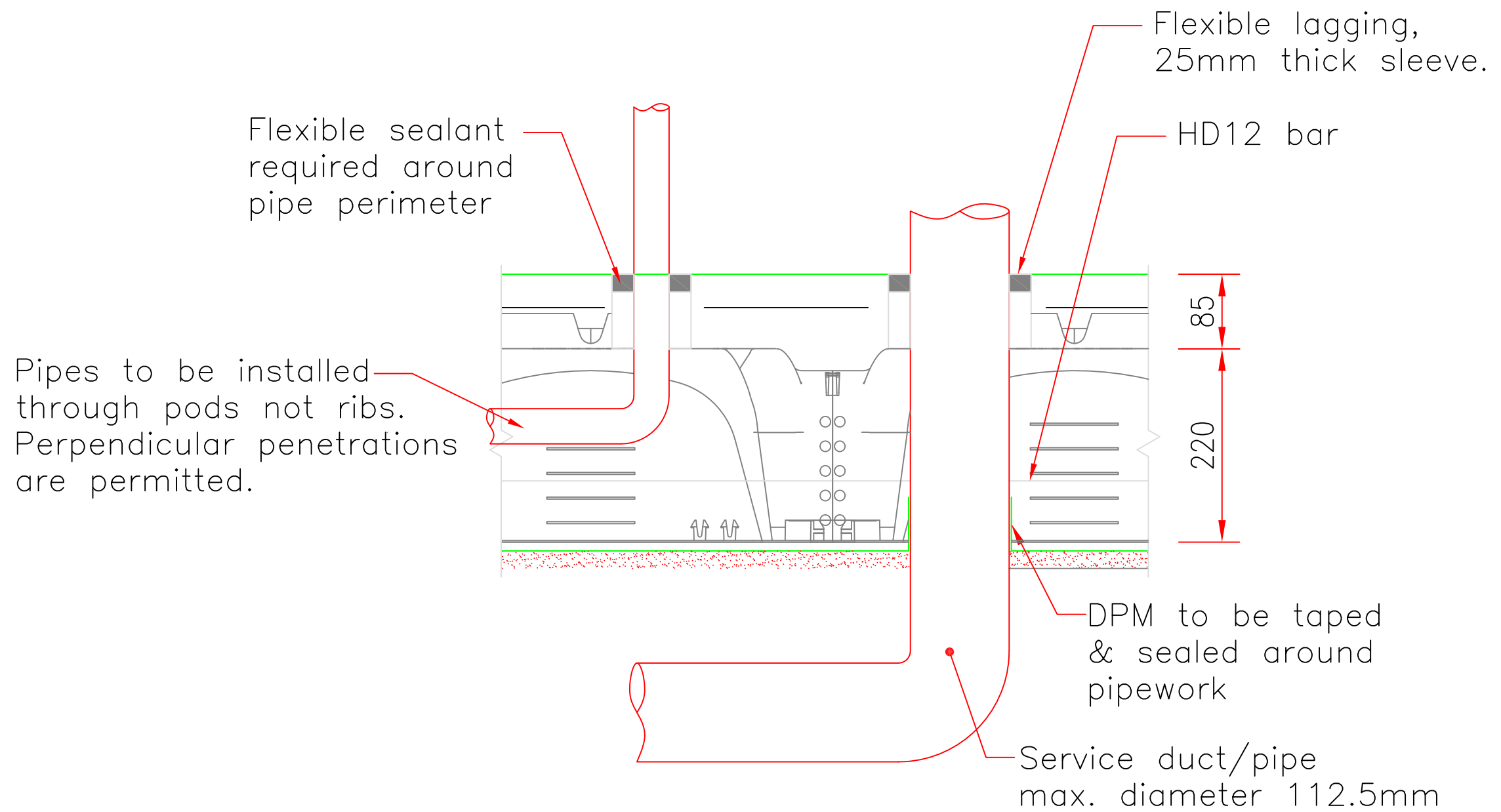
TYPICAL PENETRATION IN LOAD BEARING THICKENING – PIPE NOT CENTRAL



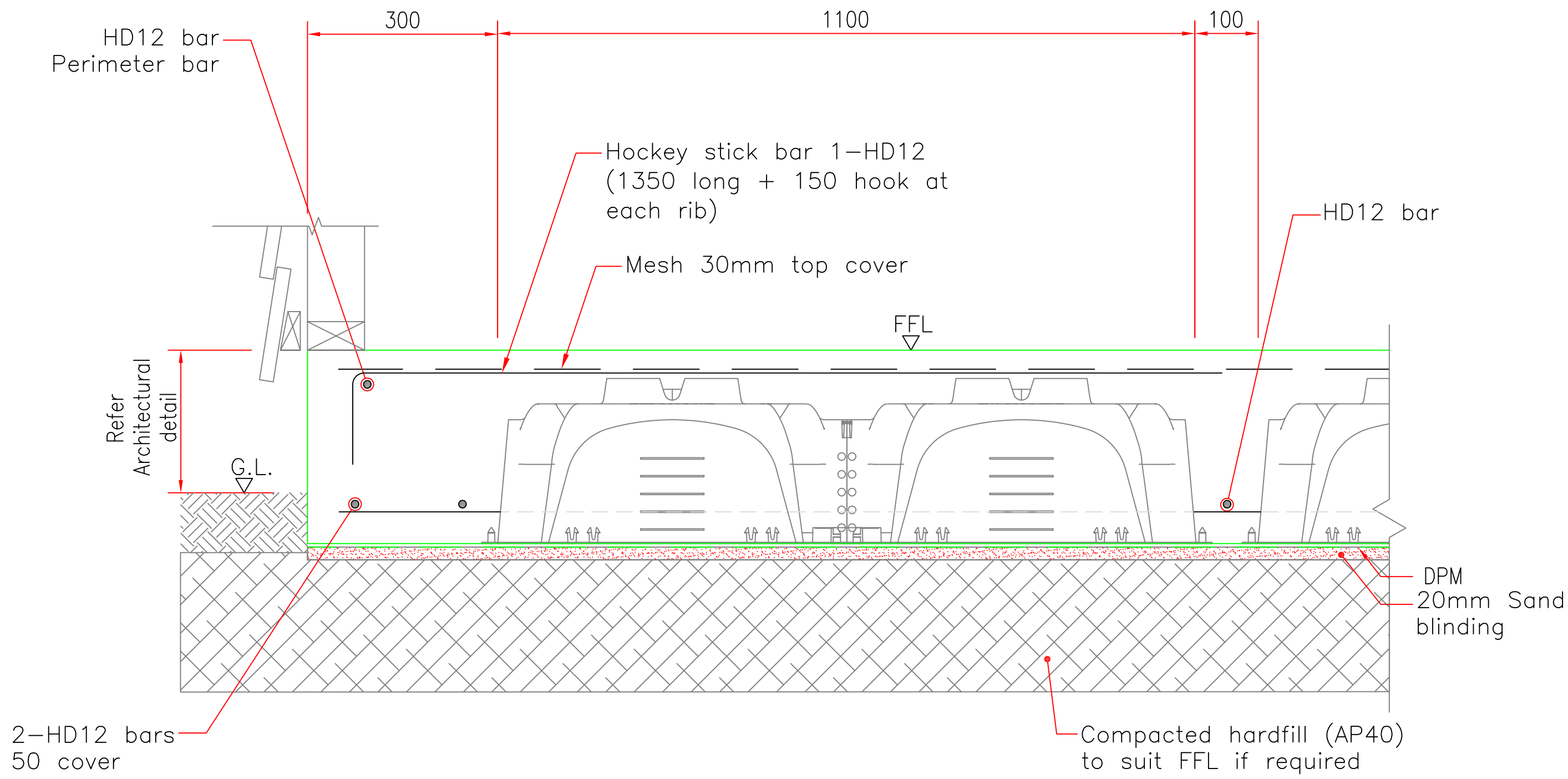
TYPICAL SERVICES



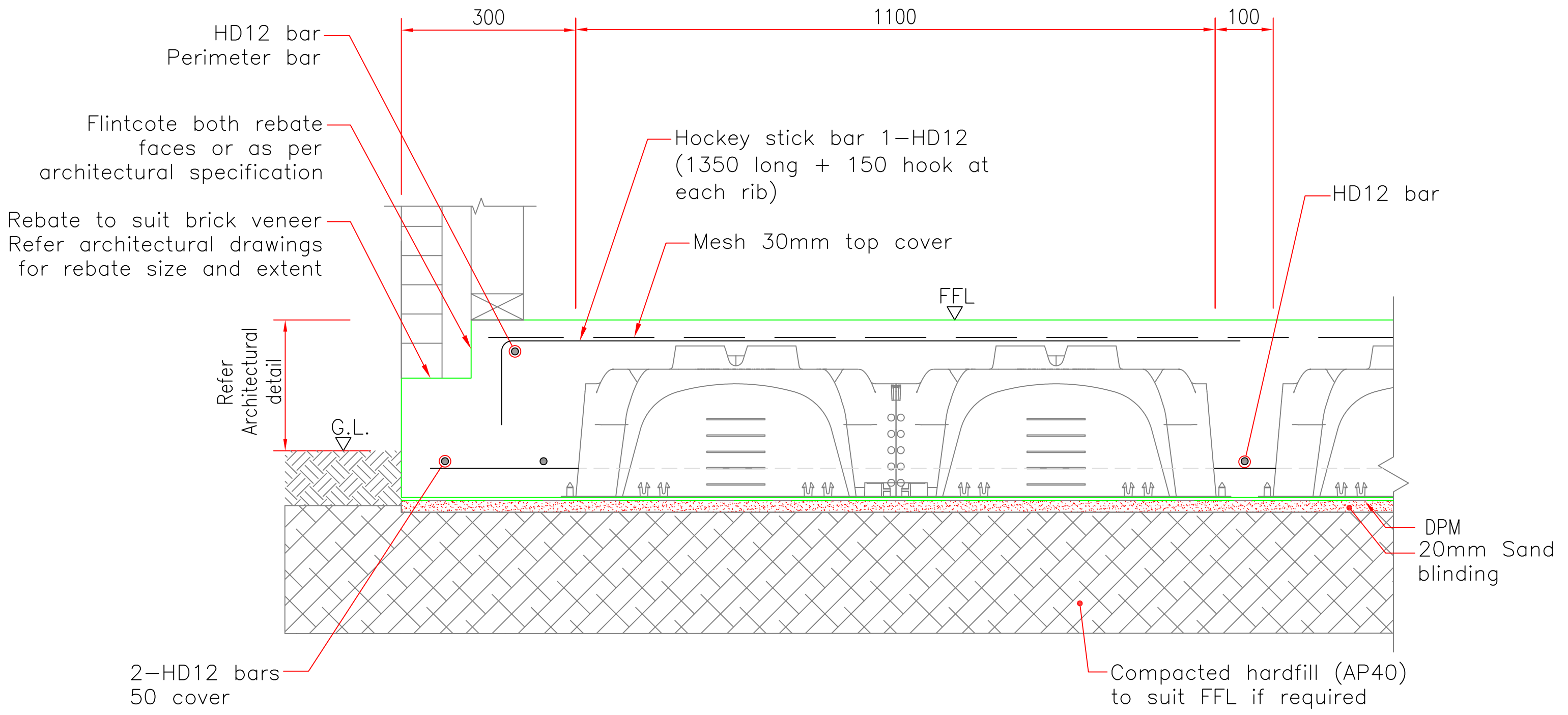
TYPICAL SERVICES THROUGH RIBS



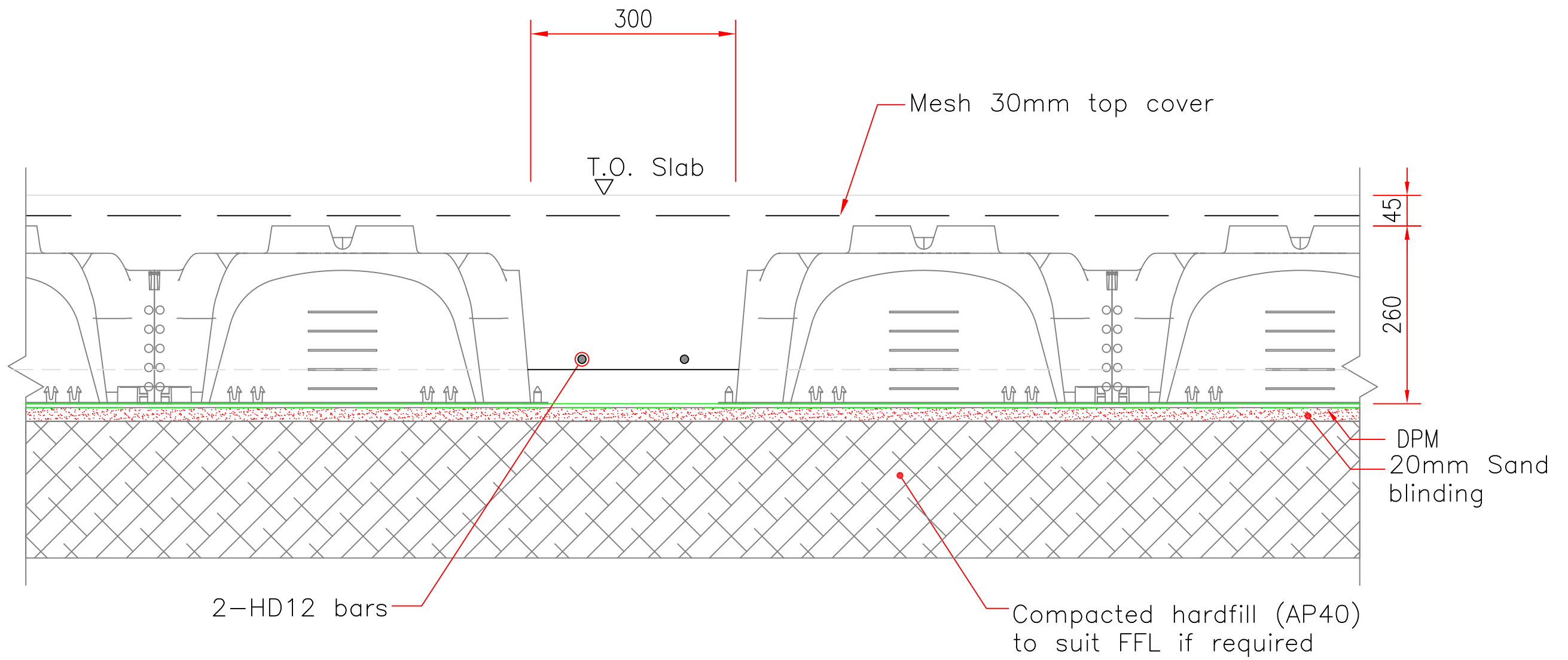
TYPICAL SERVICES PENETRATIONS DETAIL



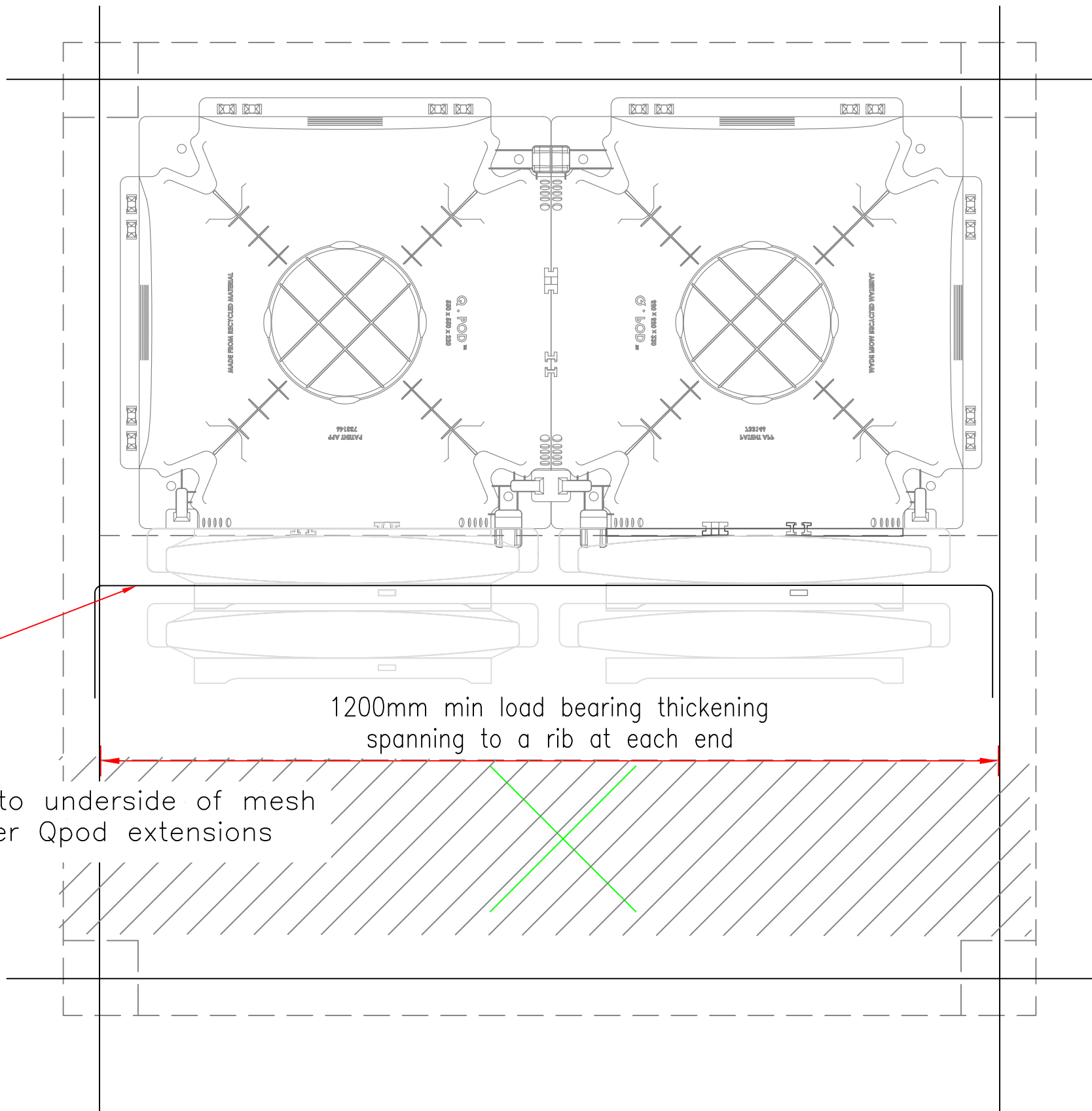
TIMBER WEATHER PERIMETER DETAIL



BRICK PERIMETER DETAIL



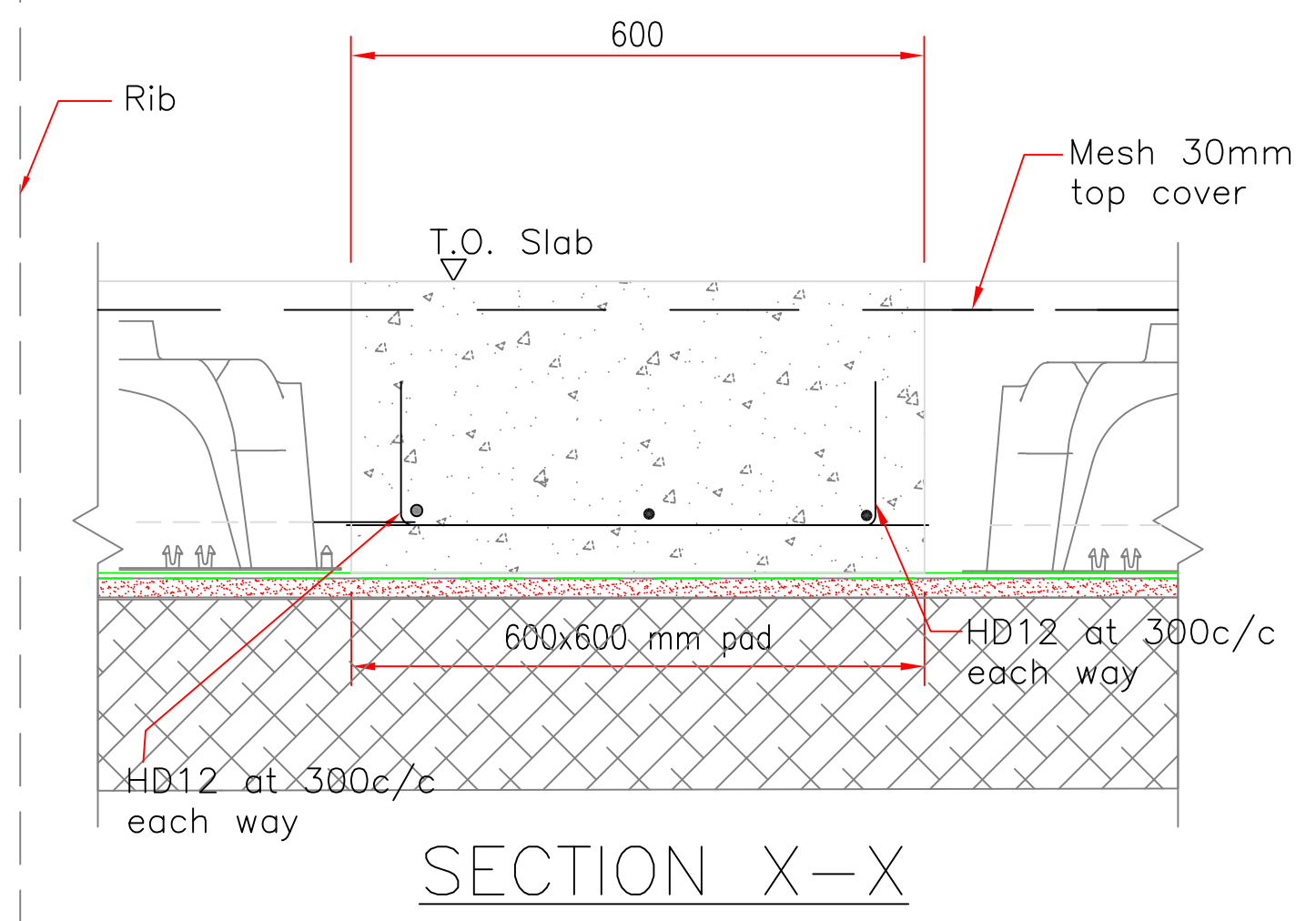
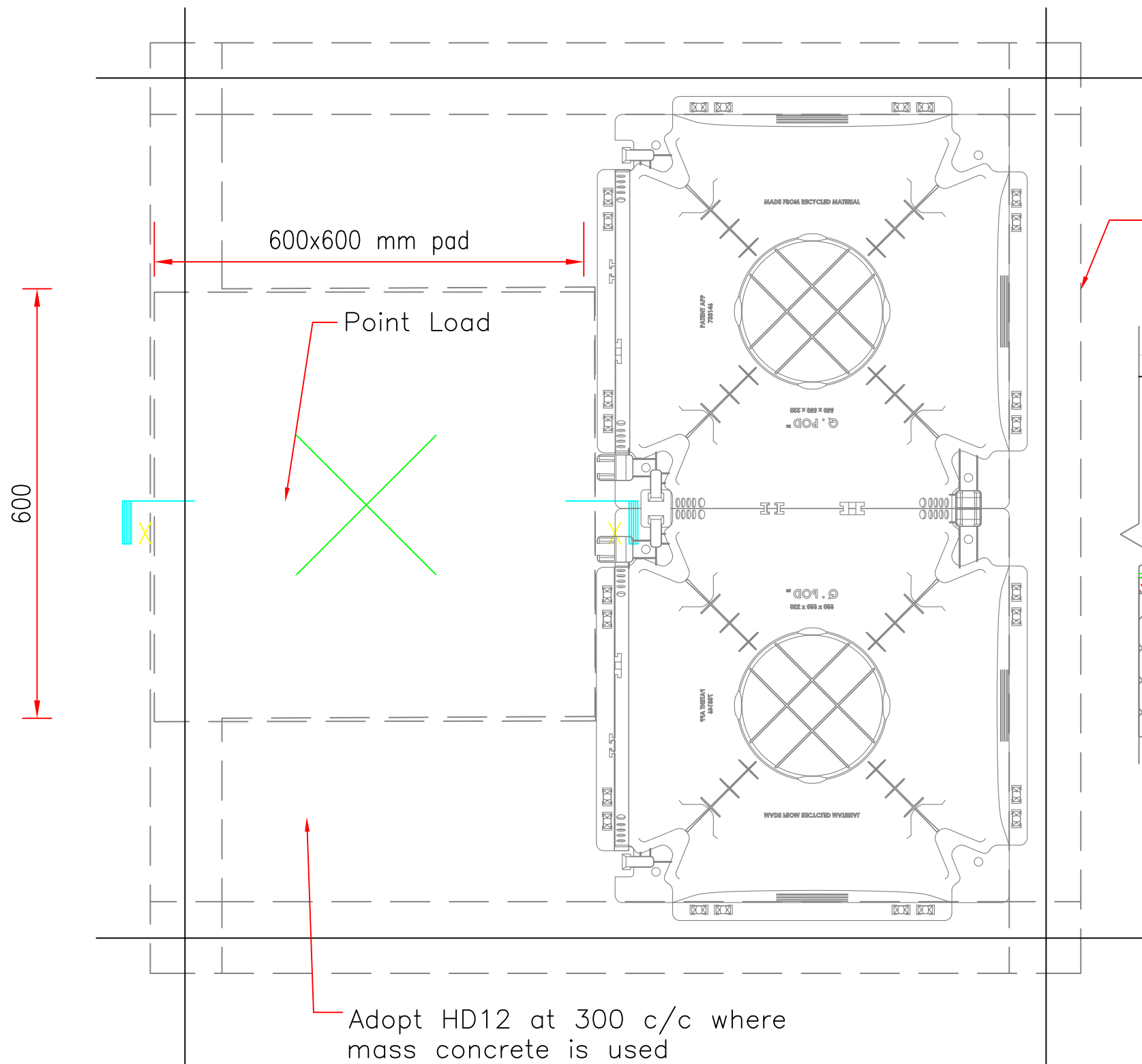
INTERNAL SLAB THICKENING DETAIL

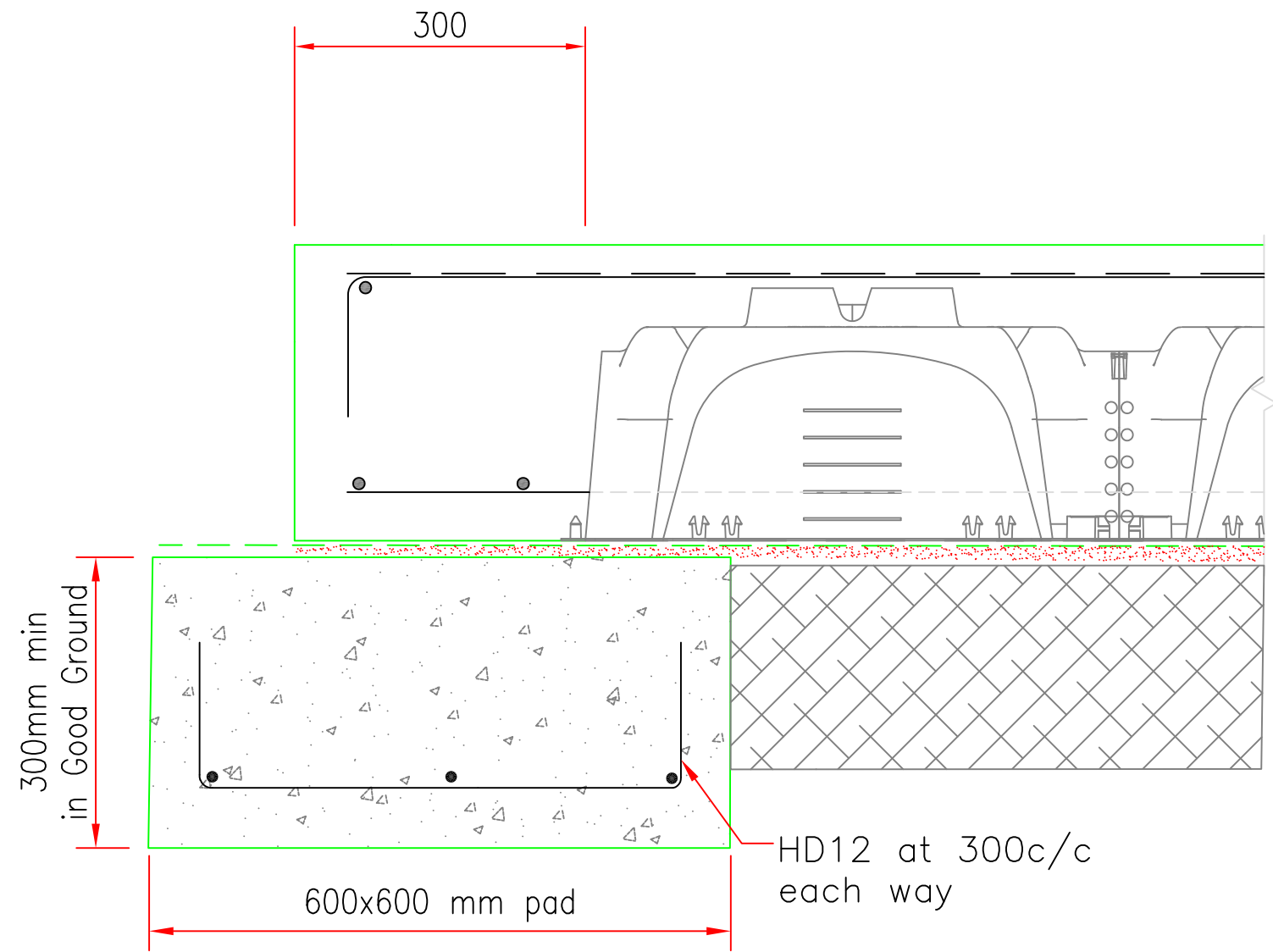
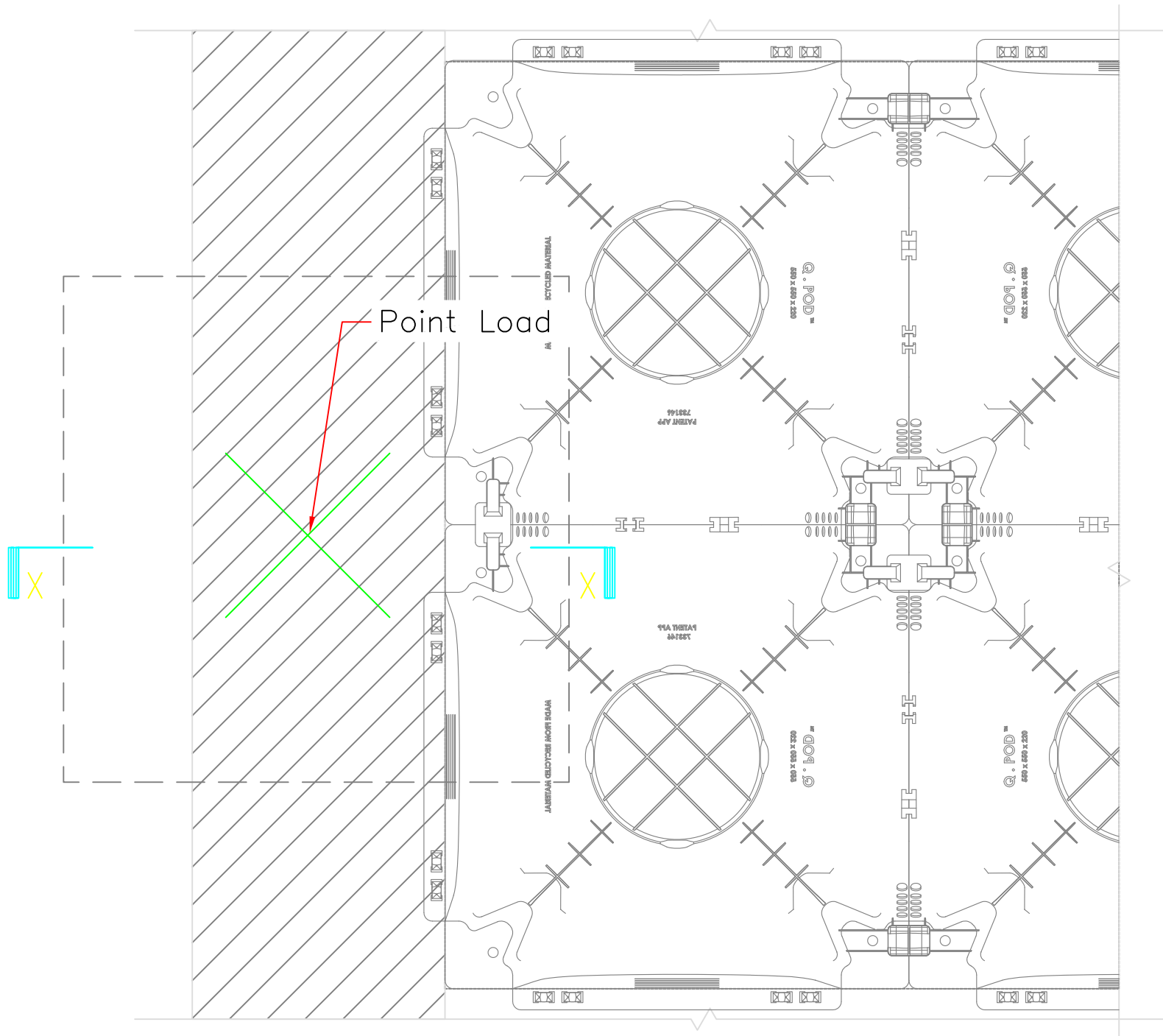


1200mm min load bearing thickening
spanning to a rib at each end

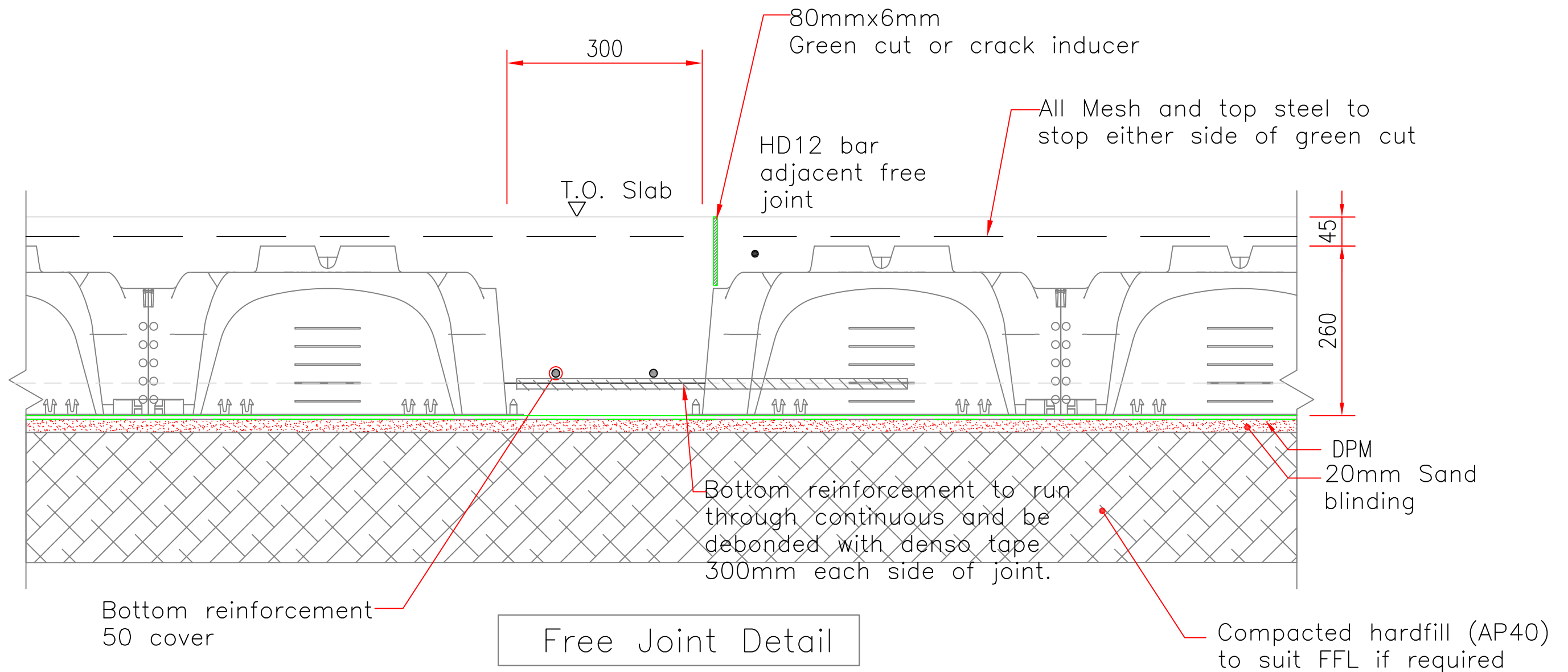
HD12 bar tied to underside of mesh
@ 300 c-c over Qpod extensions

5
□
□





SECTION X-X



Floor coverings and cladding crossing this joint should be detailed appropriately as per product specifications.

FREE JOINT DETAIL

