5.8.3.5 – Headed shear studs or tie reinforcement (welded to, anchored through holes in the steel members or anchored around the steel member) should be provided to transfer vertical and horizontal shear forces between the structural steel of the boundary elements and the reinforced concrete.

5.8.4. Detailing rules for coupling beams

5.8.4.1 – Coupling beams shall have an embedment length into the reinforced concrete wall sufficient to resist the most adverse combination of moment and shear generated by the bending and shear strength of the coupling beam. The embedment length l_e shall be taken to begin inside the first layer of the confining reinforcement in the wall boundary member. The embedment length l_e shall be not less than 1,5 times the height of the coupling beam.

5.8.4.2 – The vertical wall reinforcements, defined in **5.3.3.4** and **5.3.3.5** with design axial strength equal to the shear strength of the coupling beam, should be placed over the embedment length of the beam with two-thirds of the steel located over the first half of the embedment length. This wall reinforcement should extend a distance of at least one anchorage length above and below the flanges of the coupling beam. It is permitted to use vertical reinforcement placed for other purposes, such as for vertical boundary members, as part of the required vertical reinforcement. Transverse reinforcement should conform to **5.4**.