

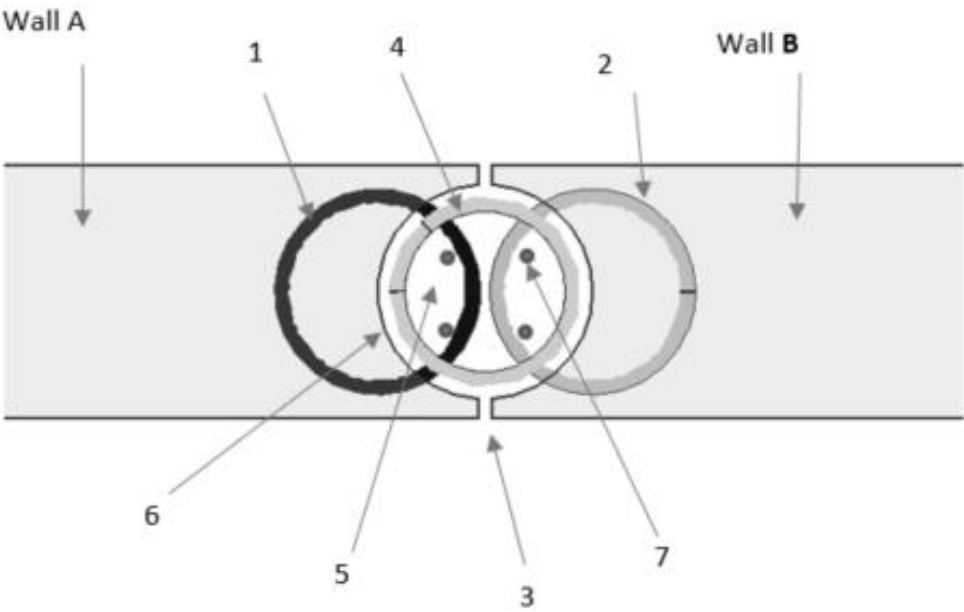


FIG. 1A

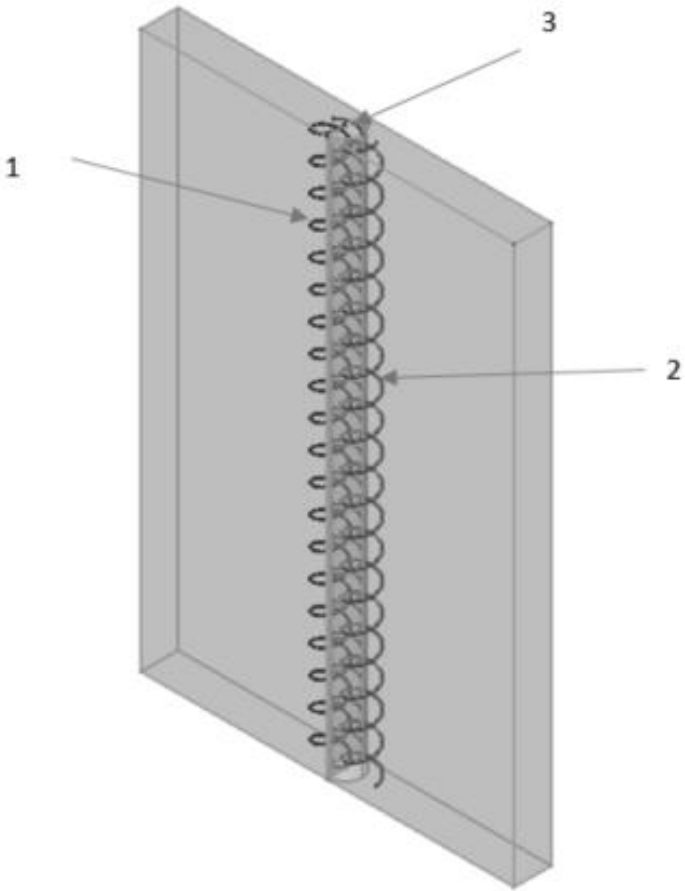
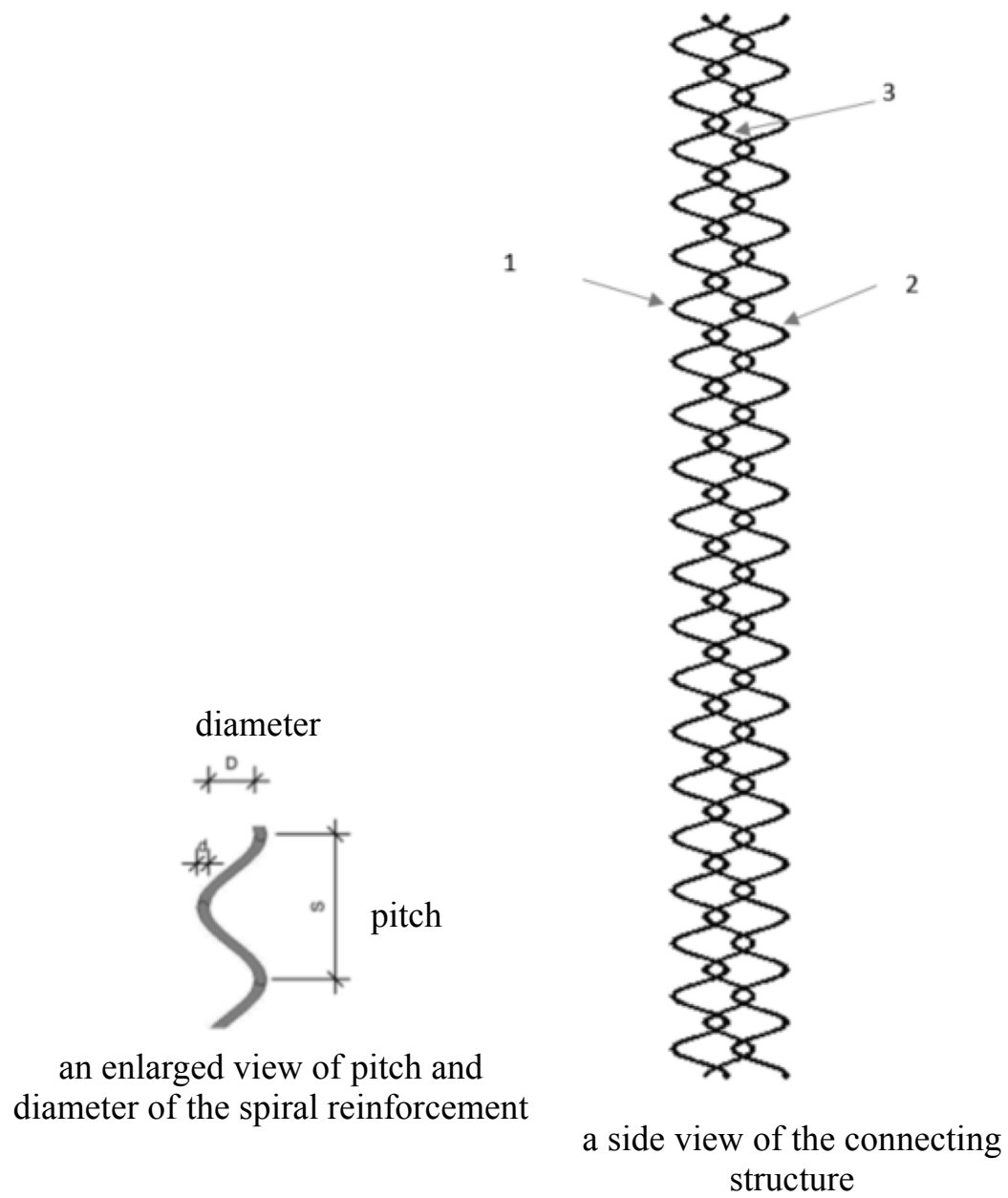


FIG. 1B

**FIG. 1C**

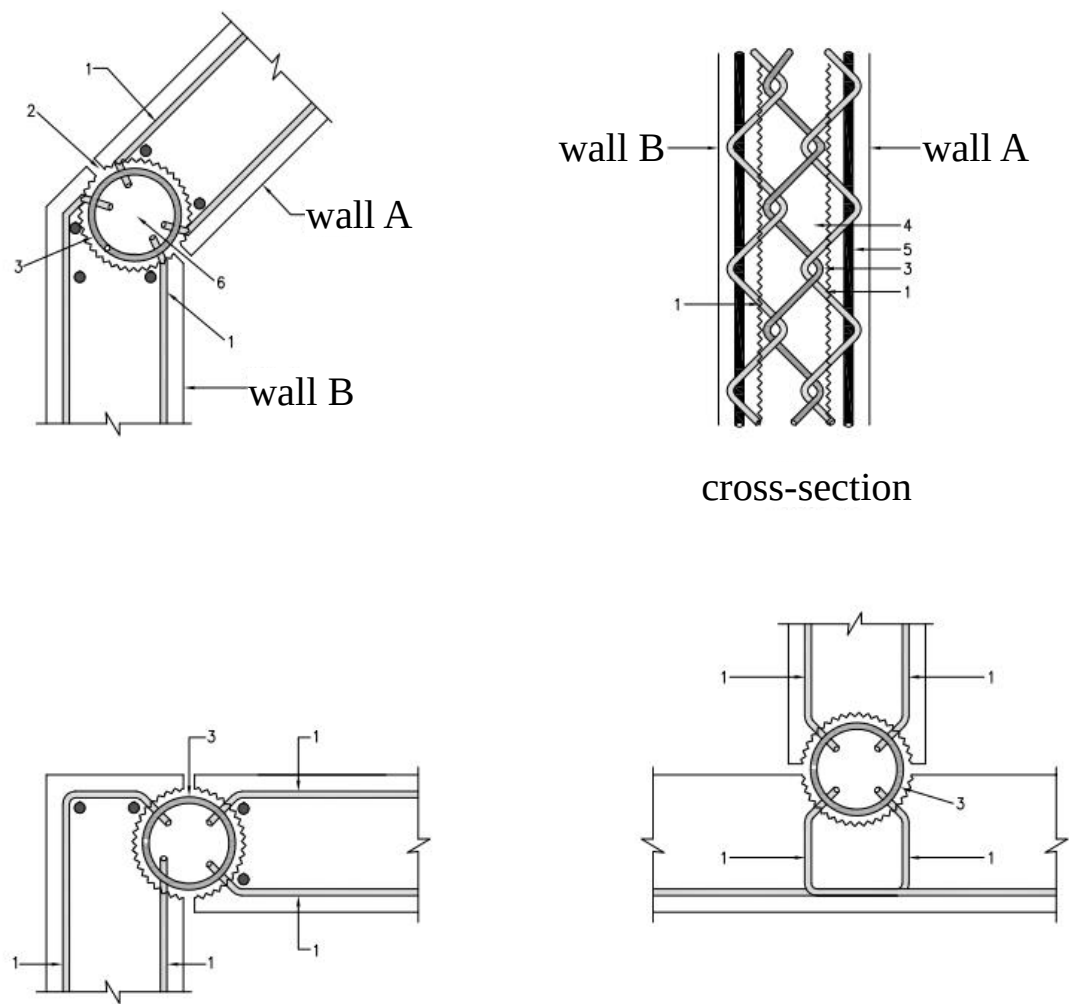
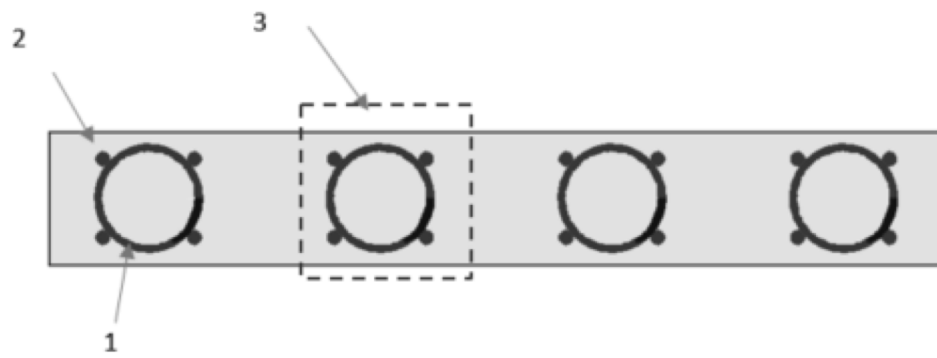


FIG. 2



a top view of a wall reinforced by spiral reinforcements

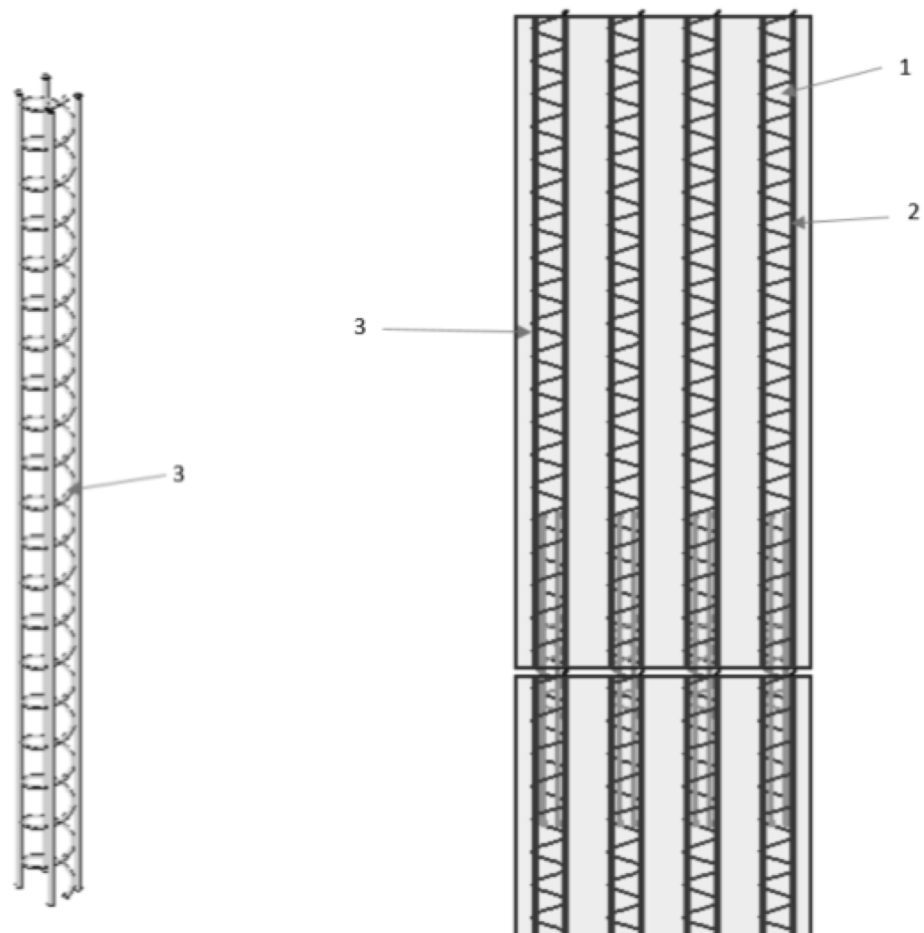
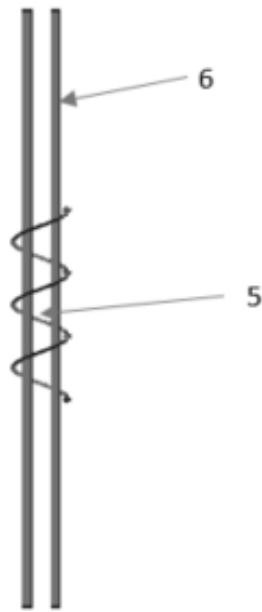
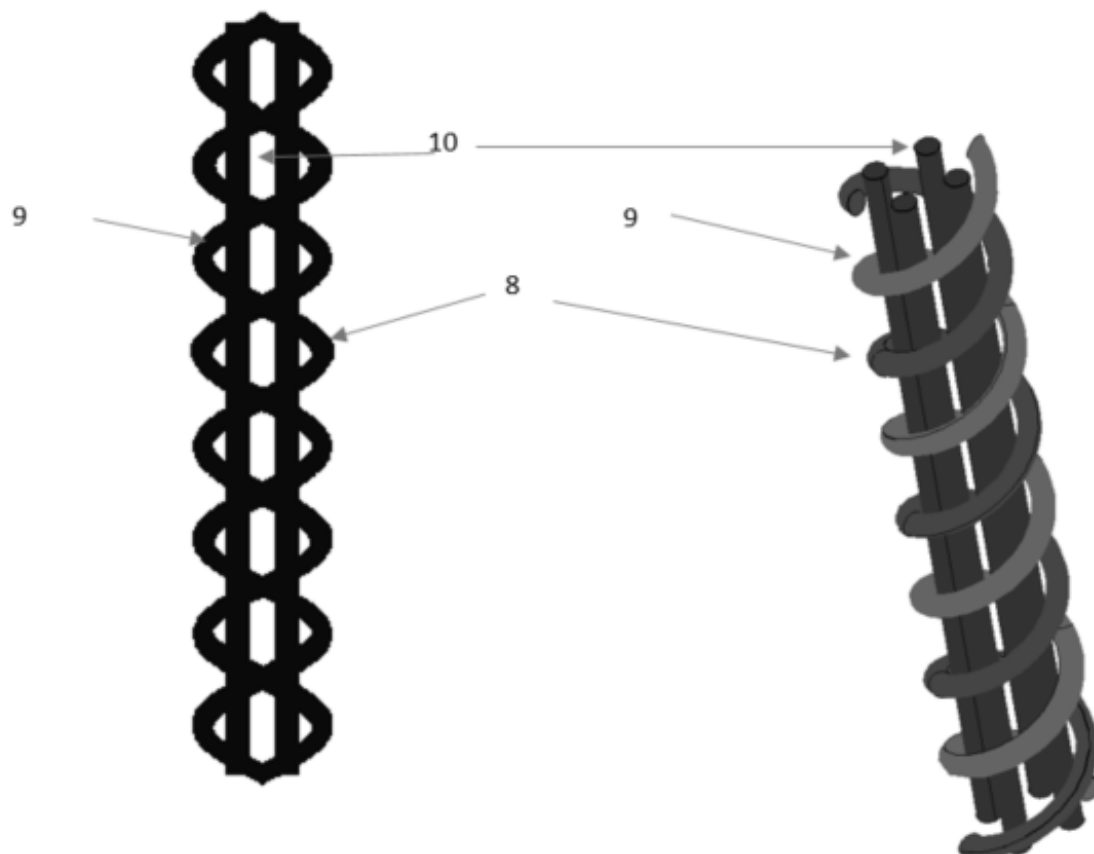


FIG. 3A

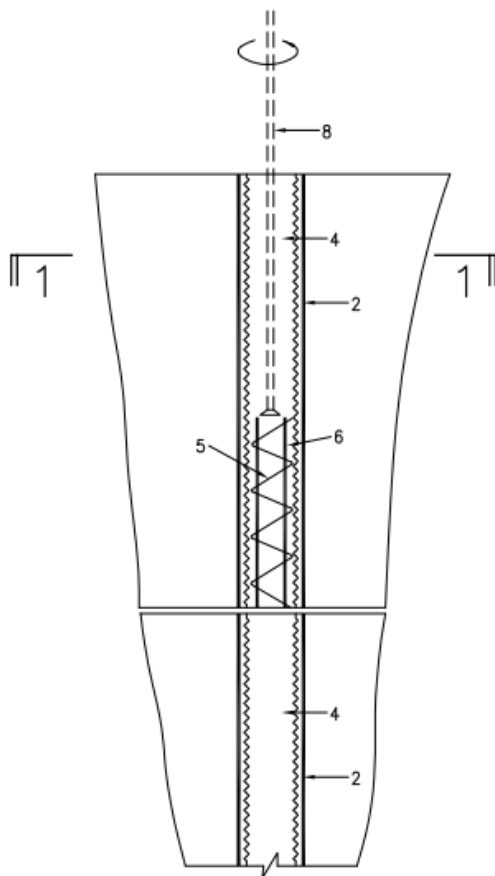
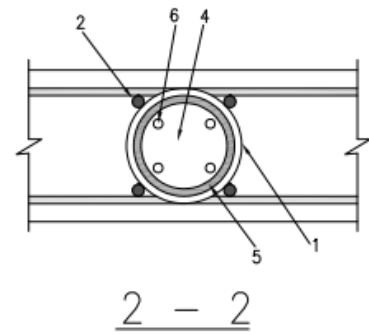
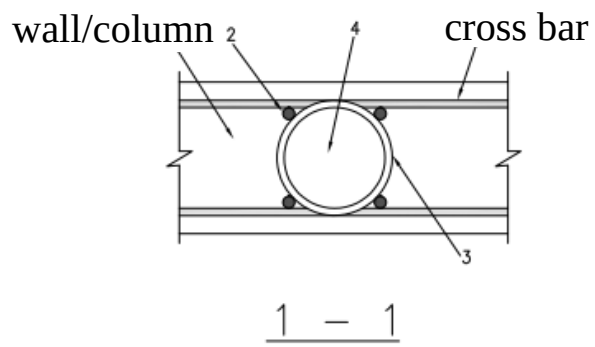


a single spiral reinforcement connector

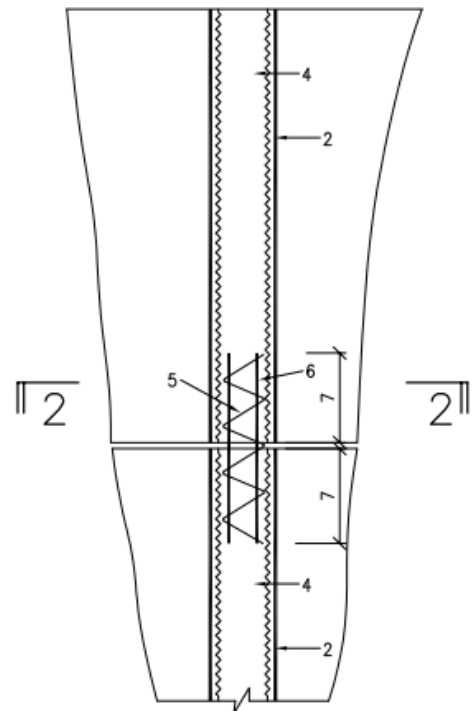


a double spiral reinforcement connector

FIG. 3B



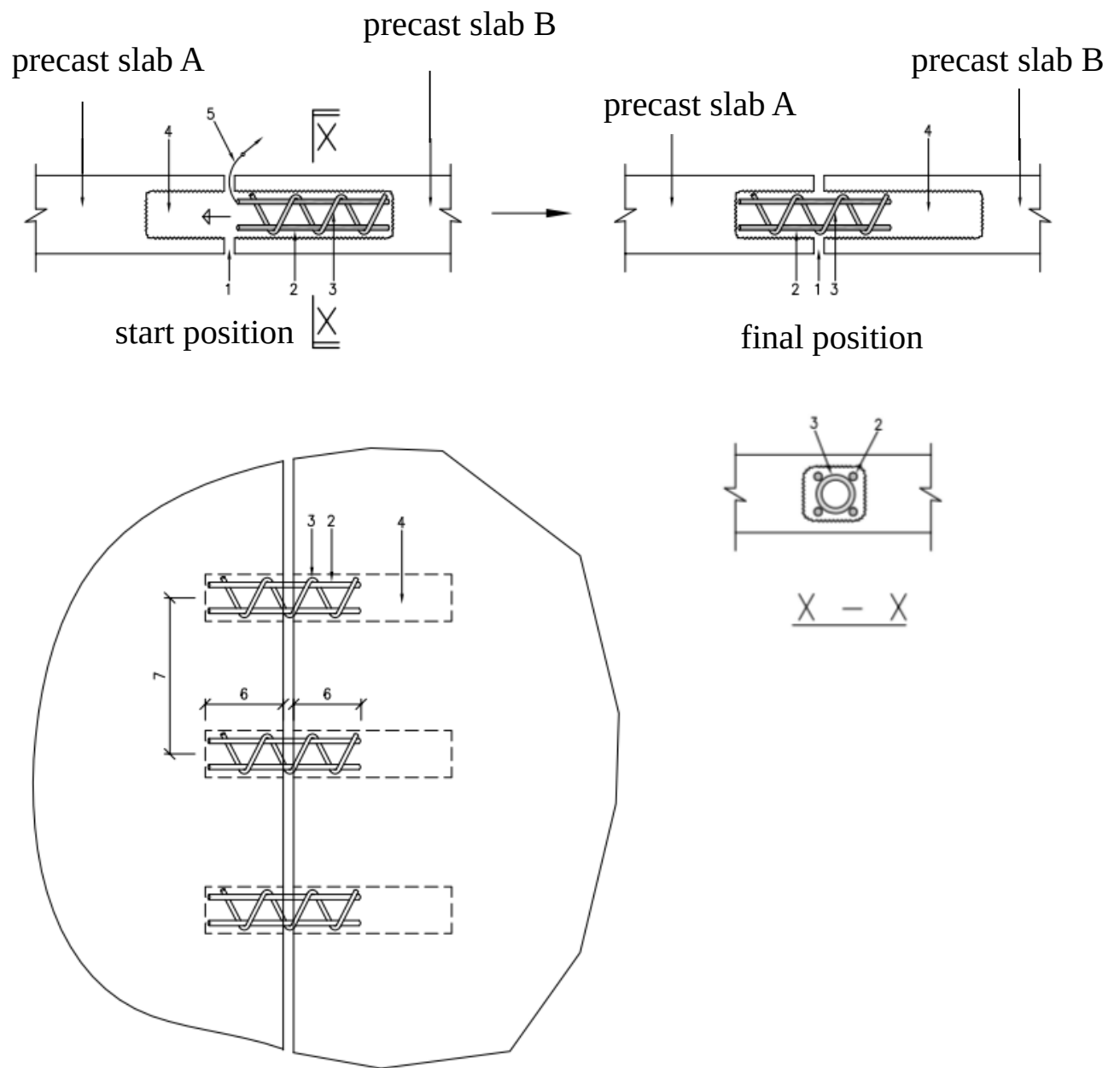
a start position of a connecting spiral reinforcement combination



a final position of a connecting spiral reinforcement combination

a solution for connecting reinforcement walls and columns by spiral reinforcements

FIG. 3C



a plan view of a set of precast slabs connected by
connecting spiral reinforcements

FIG. 4

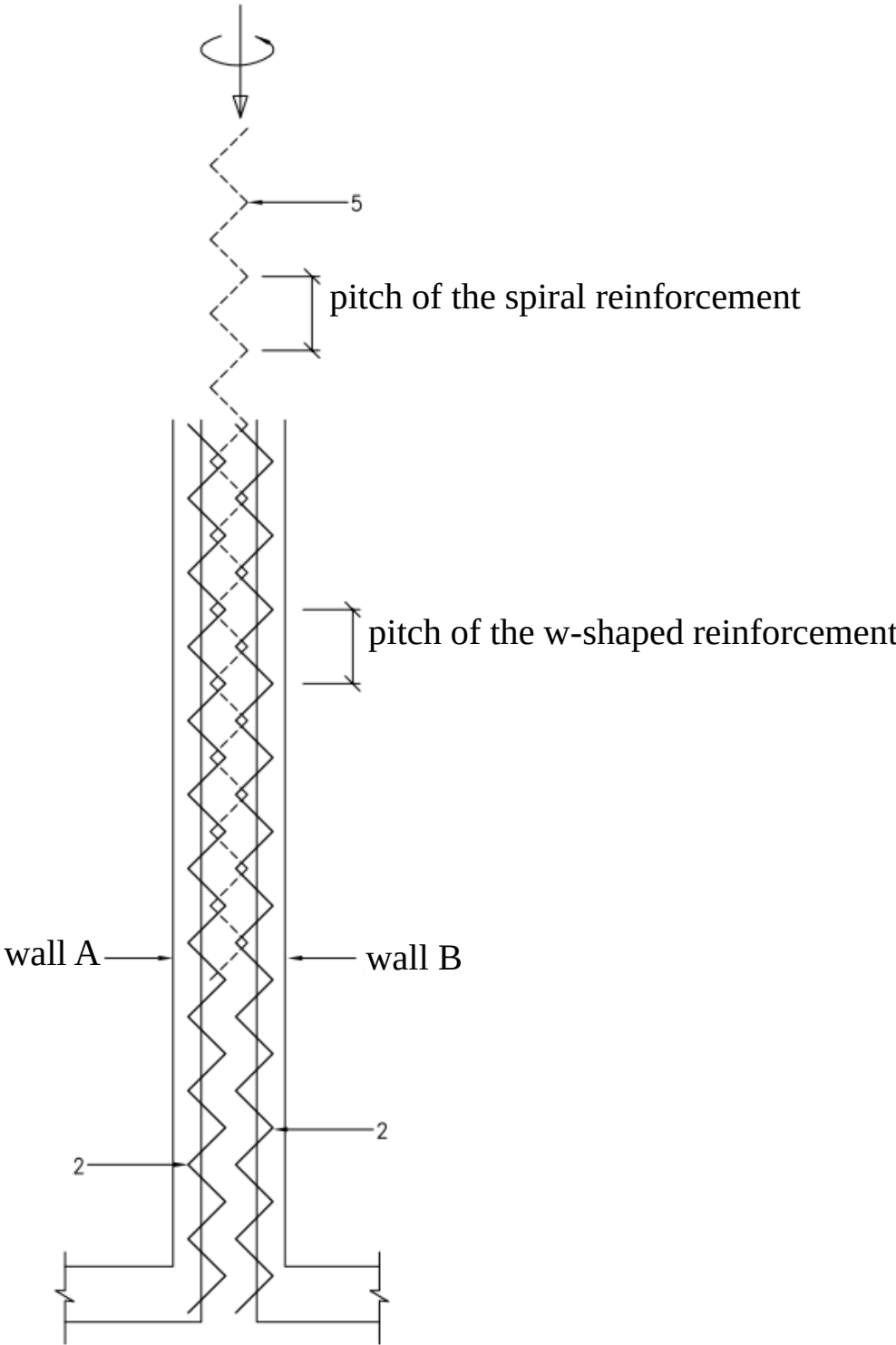
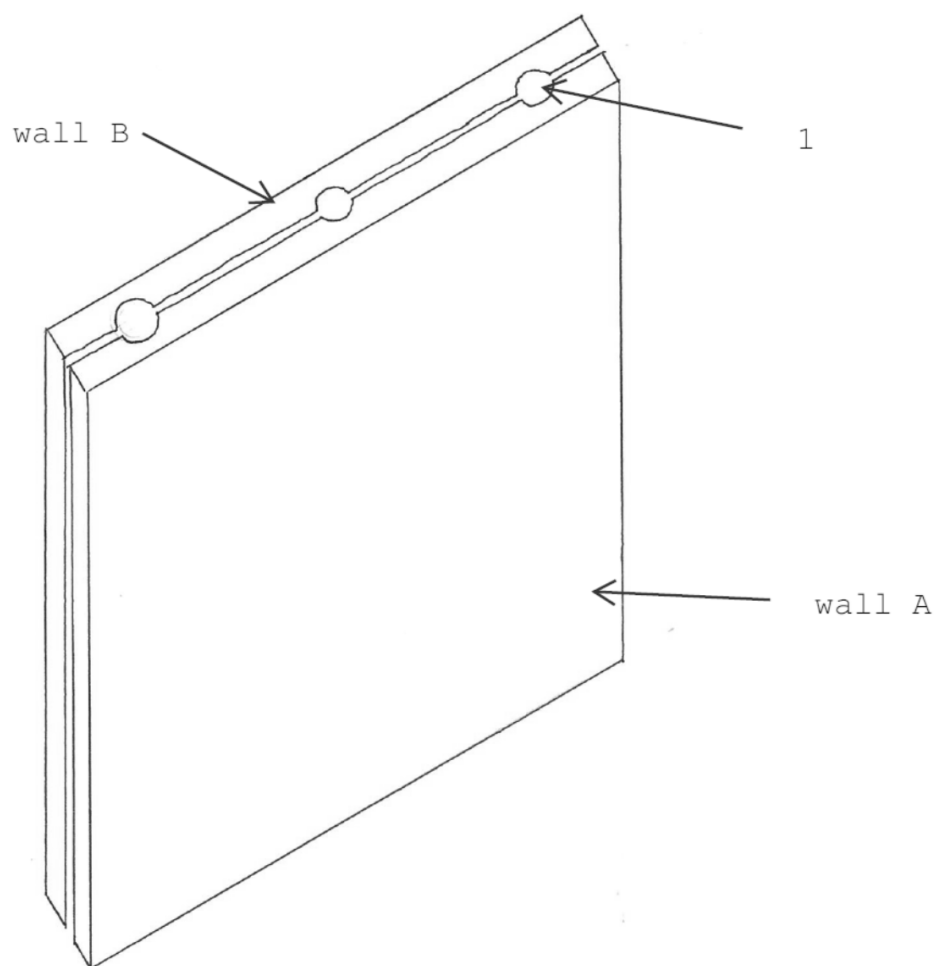
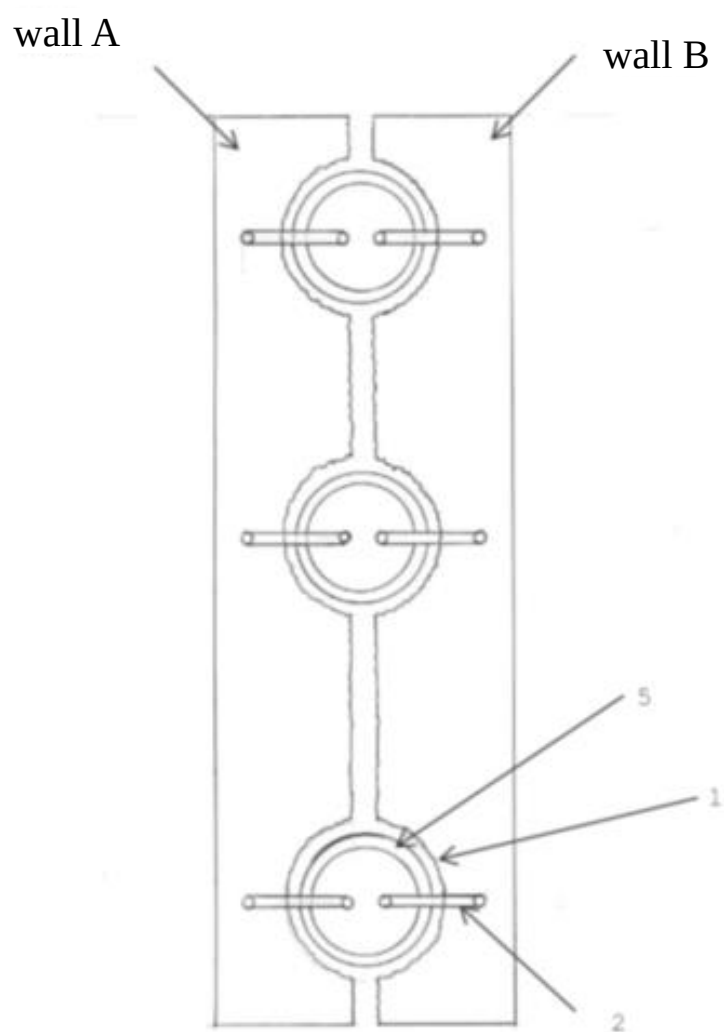
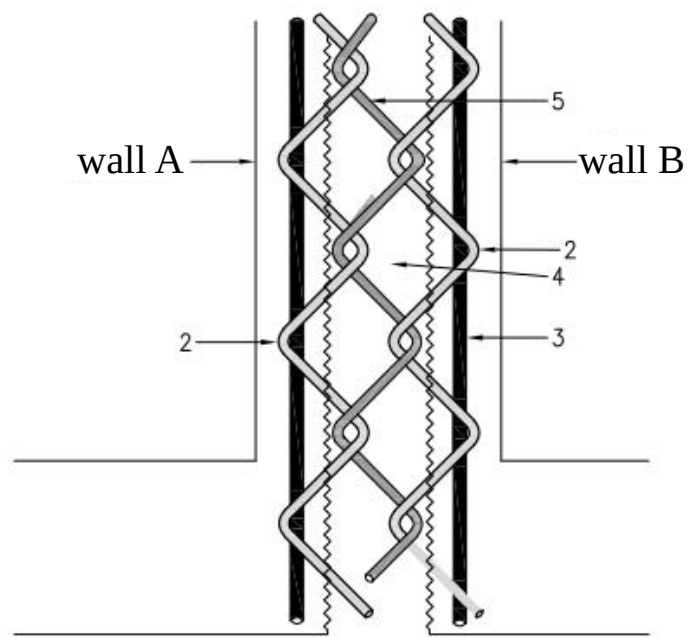
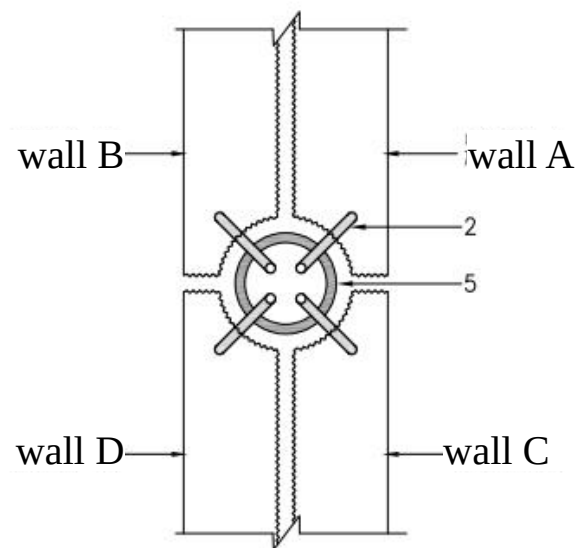


FIG. 5

**FIG. 6**

**FIG. 7**

**FIG. 8****FIG. 9**

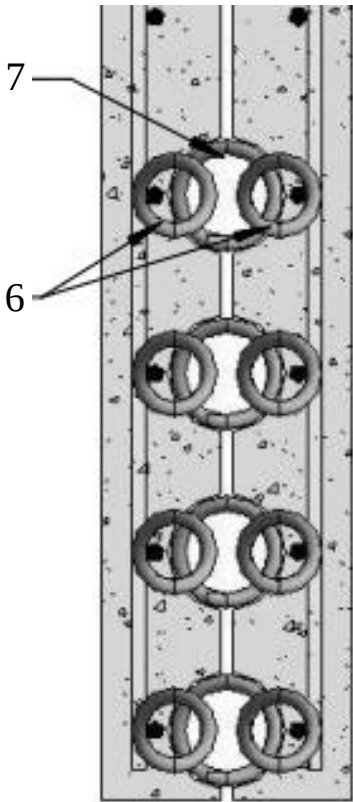


FIG. 10

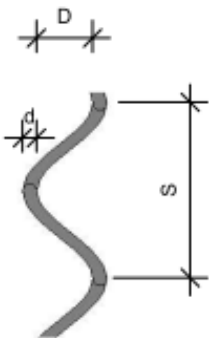
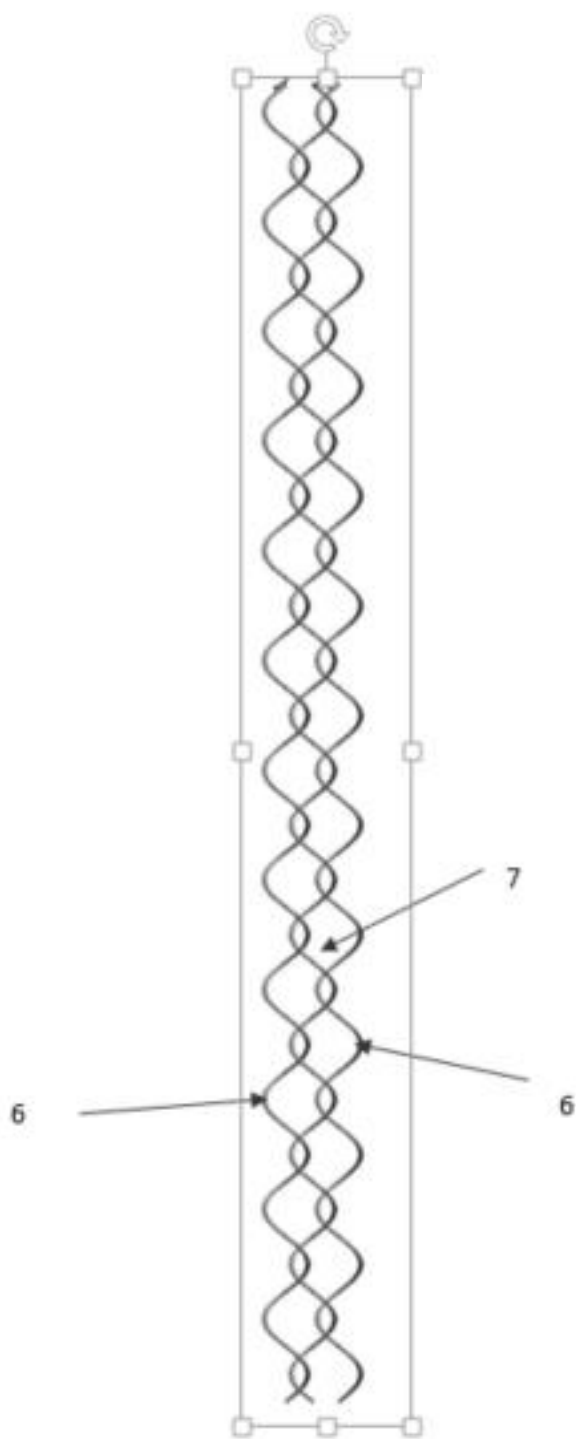
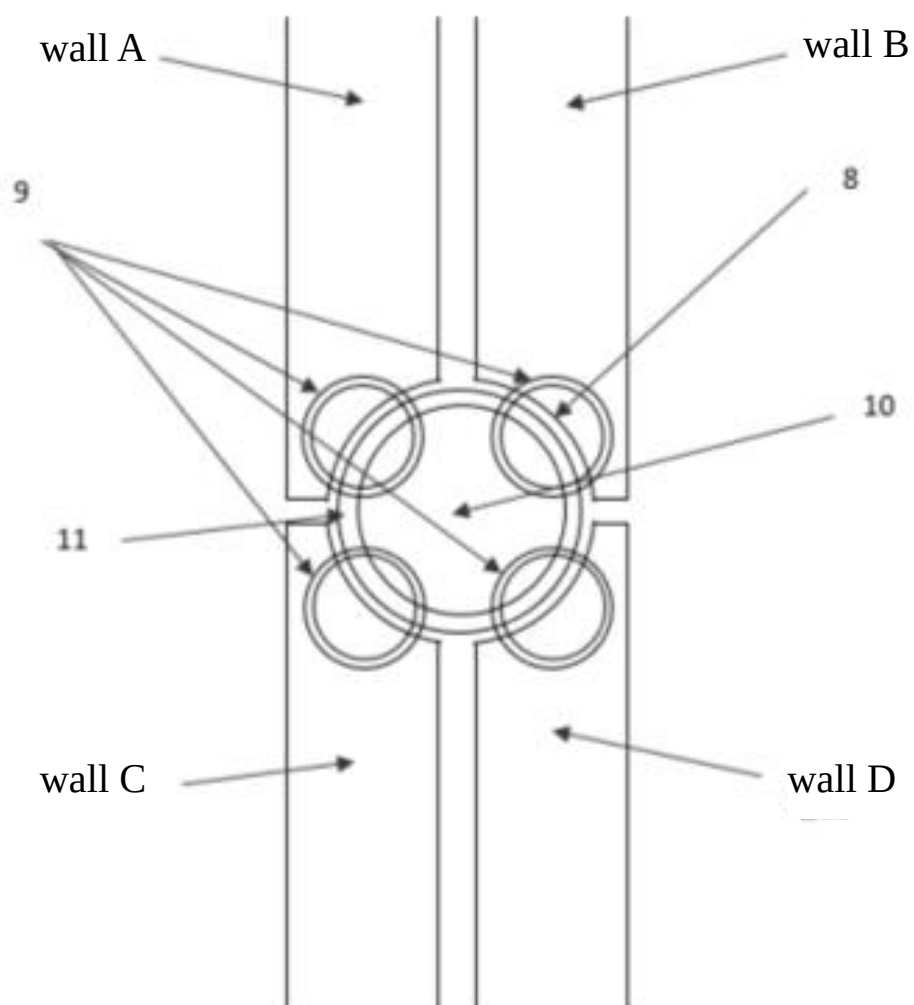


FIG. 11

**FIG. 12**

**FIG. 13**