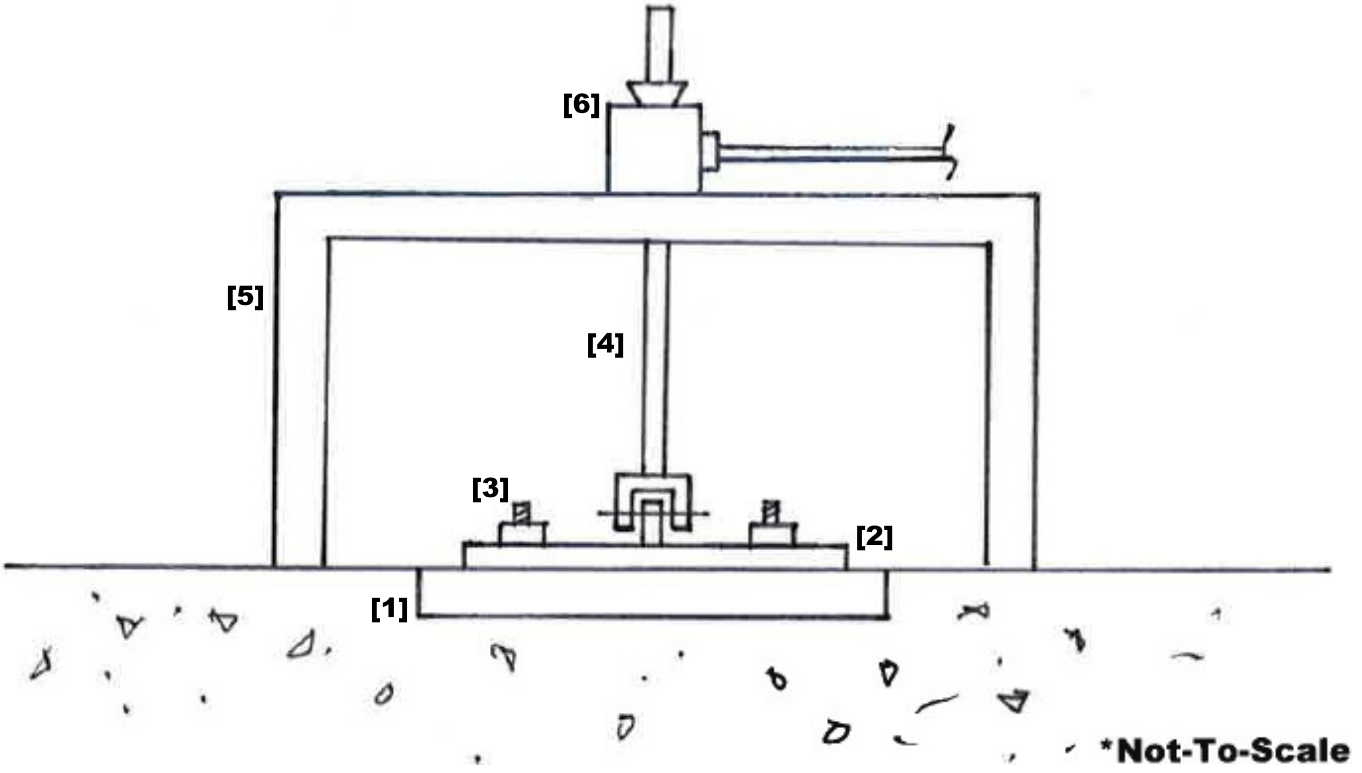
On-site Tensile Test on Hilti Anchor Channels with Hydraulic Jack

1. Hilti Anchor Channel [1] and concrete conditions are observed and reported.
2. Bracket [2] is fastened to Hilti Anchor Channel with two nos. of the specified Hilti HBC bolts [3].
3. Pulling rod [4] is engaged to the bracket.
4. Loading frame [5] is set up. The standing points of the frame are checked to make sure that they do not touch the Hilti Anchor Channel.
5. Loading frame is put through the pulling rod.
6. Load cell [6] is put onto the loading frame and engaged to the pulling rod with nut.
7. The load cell is engaged to the hydraulic jack with the hydraulic hose.
8. The assembly is loaded gradually by hydraulic jack to the target tensile load (kN) as shown in the dial of the jack.
9. The condition and reaction (if any) under loading are observed and reported.



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