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$F_{Fixings}$ = 4 bolts each dimensioned for 2,5 kN

Load on pit from guide frame:

LH =6 m gives:

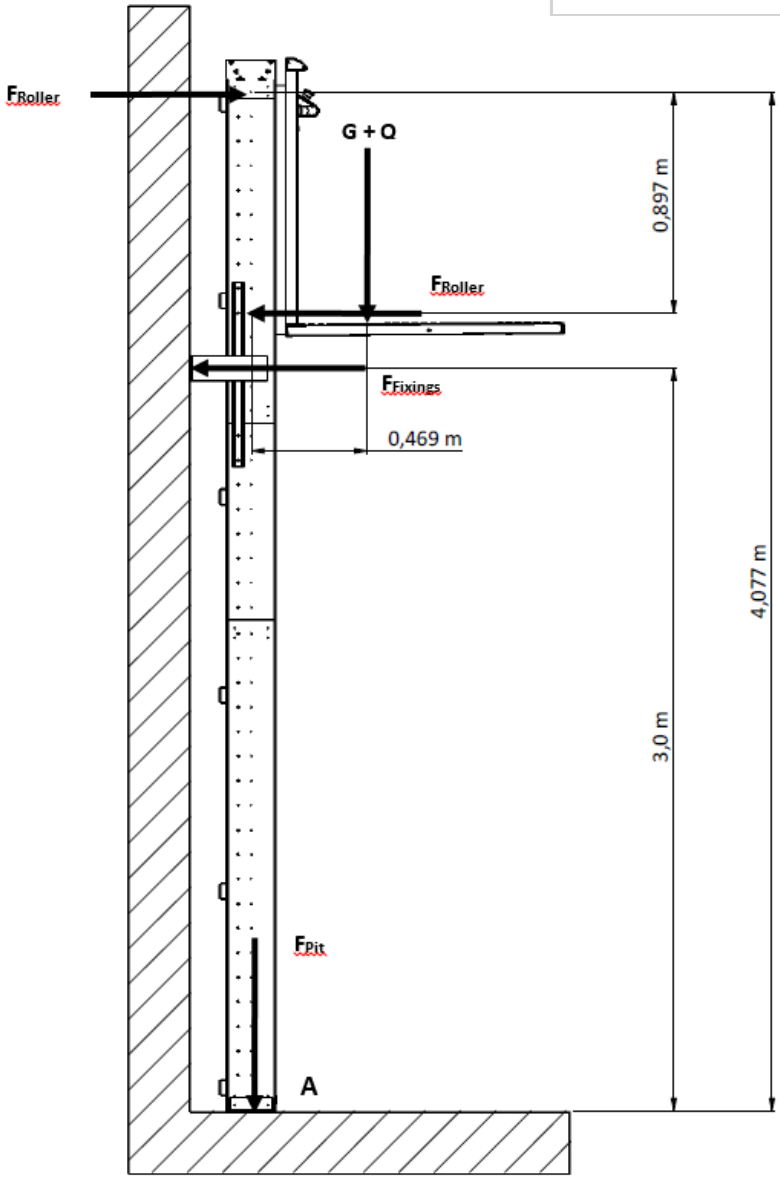
$$\sigma_{Pit} = \frac{F}{A} = \frac{\left(923{,}1 + (29{,}3\ x\ LH)\right)\ x\ g}{2777} = \frac{\left(923{,}1 + (29{,}3\ x\ 3)\right)\ x\ 9{,}81}{3129{,}2} = \mathbf{3{,}9\ N/mm^2}$$

Note that drawing below is an example, amount of fixing points depends of lifting heights and can be found on the specific drawing on the lift.

As minimum it needs to be a fixing point every 3 meter.

Double click in the excel form below to change LH

Lifting height	6	m
	3,9	N/mm²



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