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Company:
 Address:
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 Design: Drafts_Brunel Street Works - Handrail
 Fastening Point:

Page: 10
 Specifier:
 E-Mail:
 Date: 19/02/2025

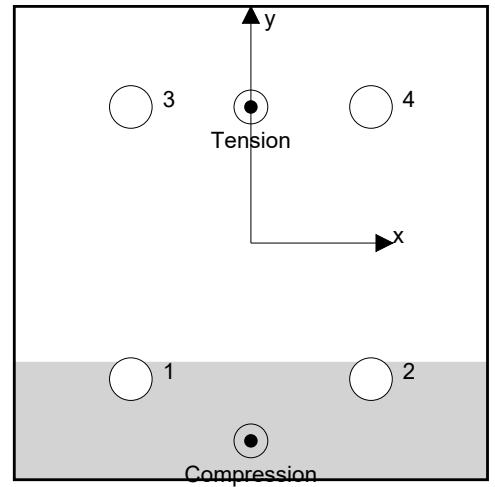
6.2.2 Load case/Resulting anchor forces

Anchor reactions [kN]

Tension force: (+Tension, -Compression)

Anchor	Tension force	Shear force	Shear force x	Shear force y
1	0.000	0.866	0.000	-0.866
2	0.000	0.866	0.000	-0.866
3	12.224	0.866	0.000	-0.866
4	12.224	0.866	0.000	-0.866

Max. concrete compressive strain: 0.17 [‰]
 Max. concrete compressive stress: 5.06 [N/mm²]
 Resulting tension force in (x/y)=(0.0/57.5): 24.449 [kN]
 Resulting compression force in (x/y)=(0.0/-83.6): 24.905 [kN]



Anchor forces are calculated based on the assumption of a rigid baseplate.