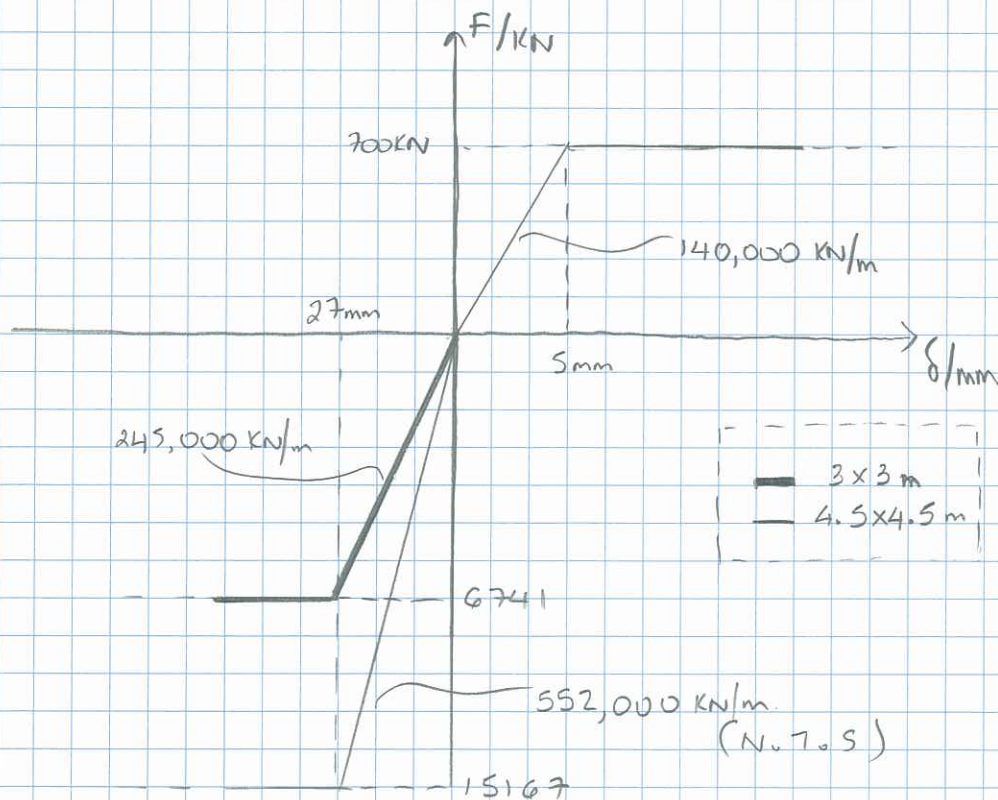


RAFT MODEL REQUIRES NON-LINEAR ANALYSIS TO TAKE INTO ACCOUNT:

1) REDISTRIBUTION OF NET UPLIFT FORCE ONTO ADJACENT ANCHOR UNTIL IT REACHES ITS FULL CAPACITY OF 700 KN. +VE SPRING.

2) SPREADING OF GRAVITY LOAD ASSUMING A SOIL PRESSURE -IVE SPRING.

SPRING PROFILE USED:



SOIL BEARING PRESSURE CAPACITY : 749 kPa

* ROBOT MODEL WILL NOT CONVERGE TO A SOLUTION IN THE UPLIFT LOAD CASE