THESIS PROJECT

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Programme: **MSc. In Geotechnics and Geohazards, NTNU**

Title: **Sheet pile wall calculations using PLAXIS for Lysaker square building D/E – A supplementary evaluation of calculations performed earlier using Abaqus and Spunt A3**
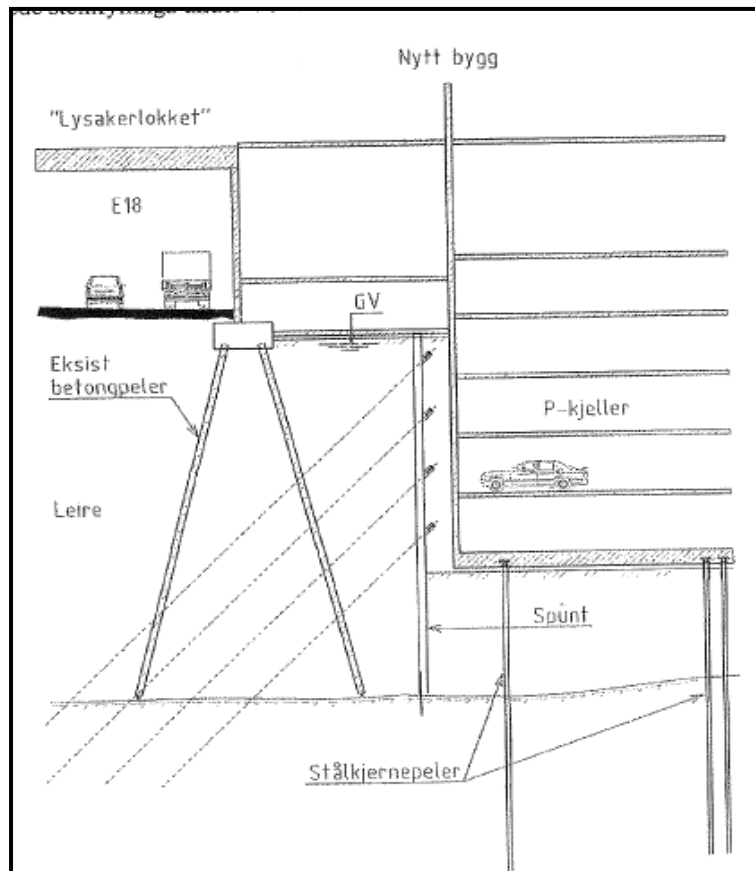

Fig.1: Typical cross section at E-18

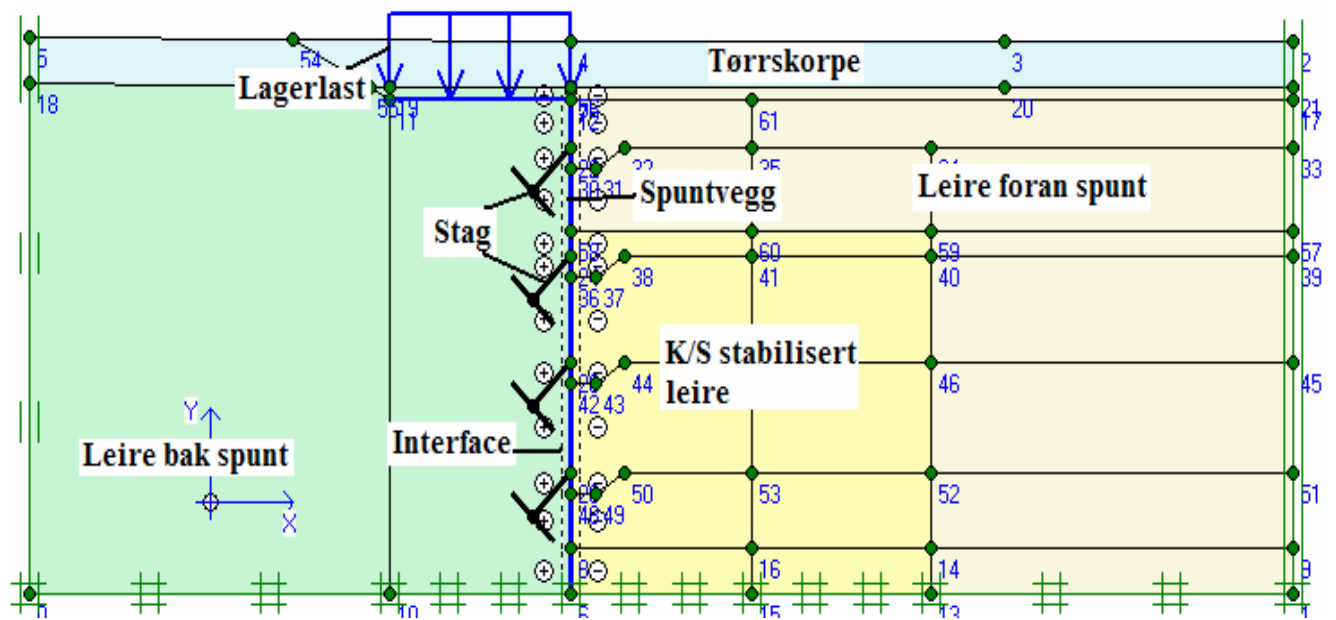**Fig. 2: Excavation works**

Fig. 3: Sheet piles

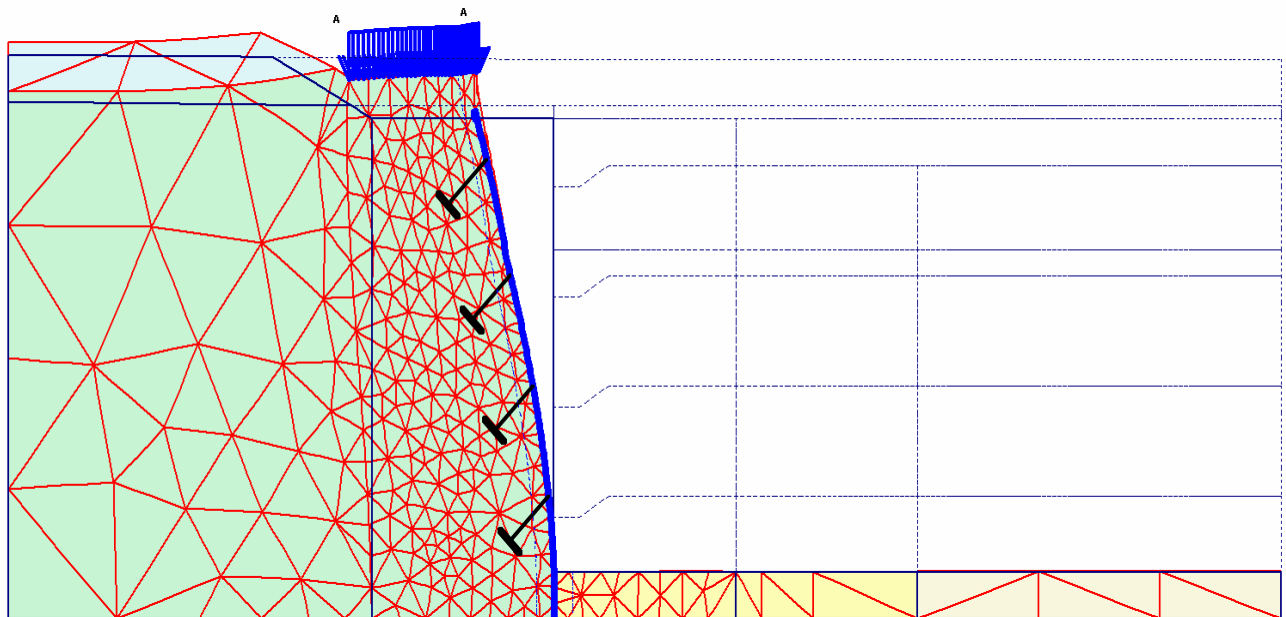**Fig. 4: Geometrical model in PLAXIS. 15 nodes triangular MC-model**

Fig. 5: PLAXIS simulation - deformed mesh at the end of excavation