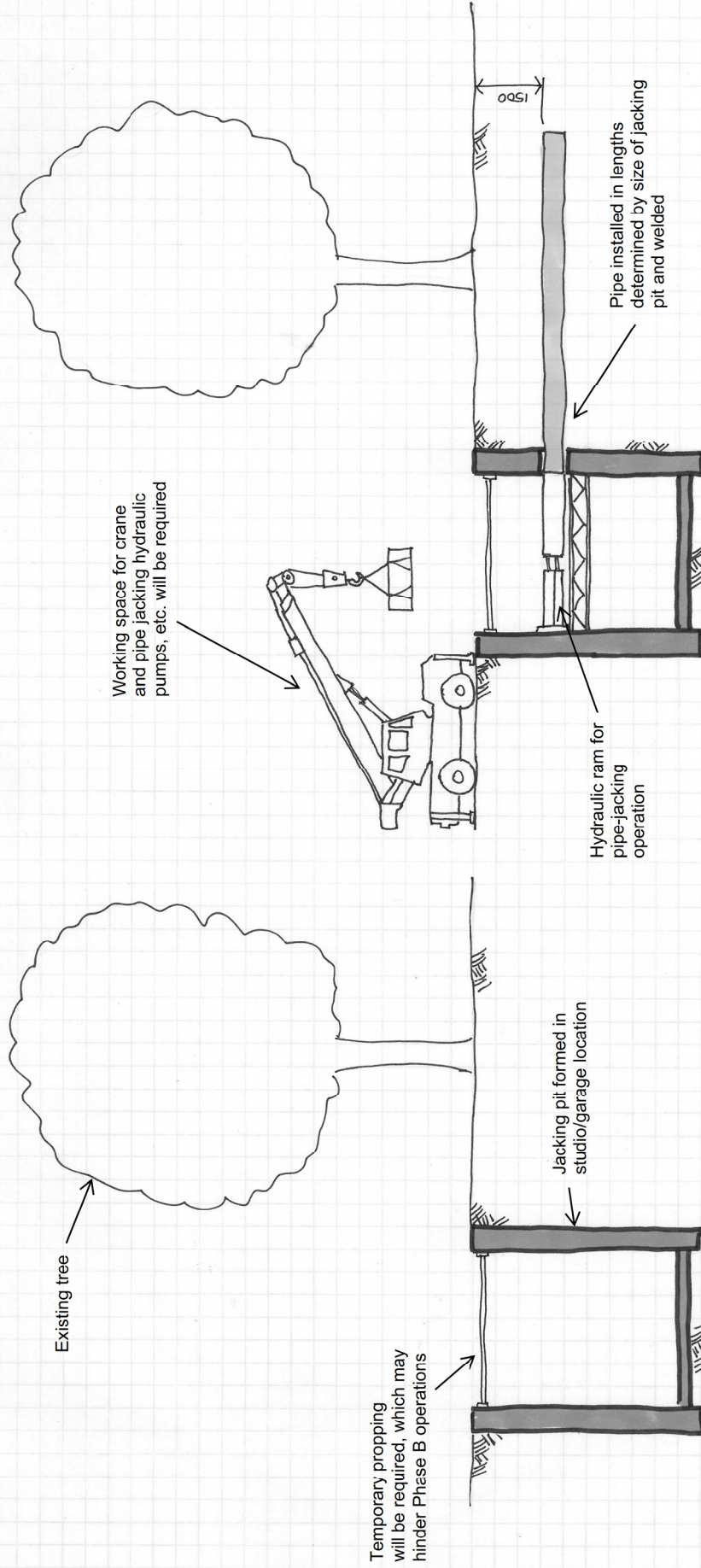


Anticipated Sequence of works for Tunnel Construction/Pipe-jacking



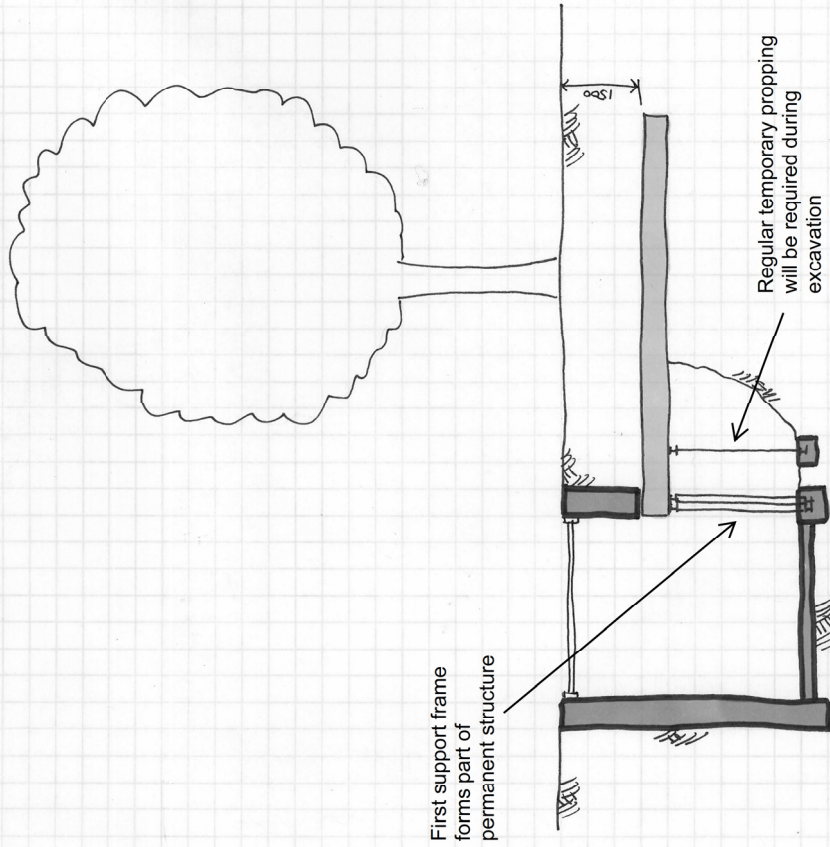
Phase A

- Form jacking pit using traditional underpinning techniques

Phase B

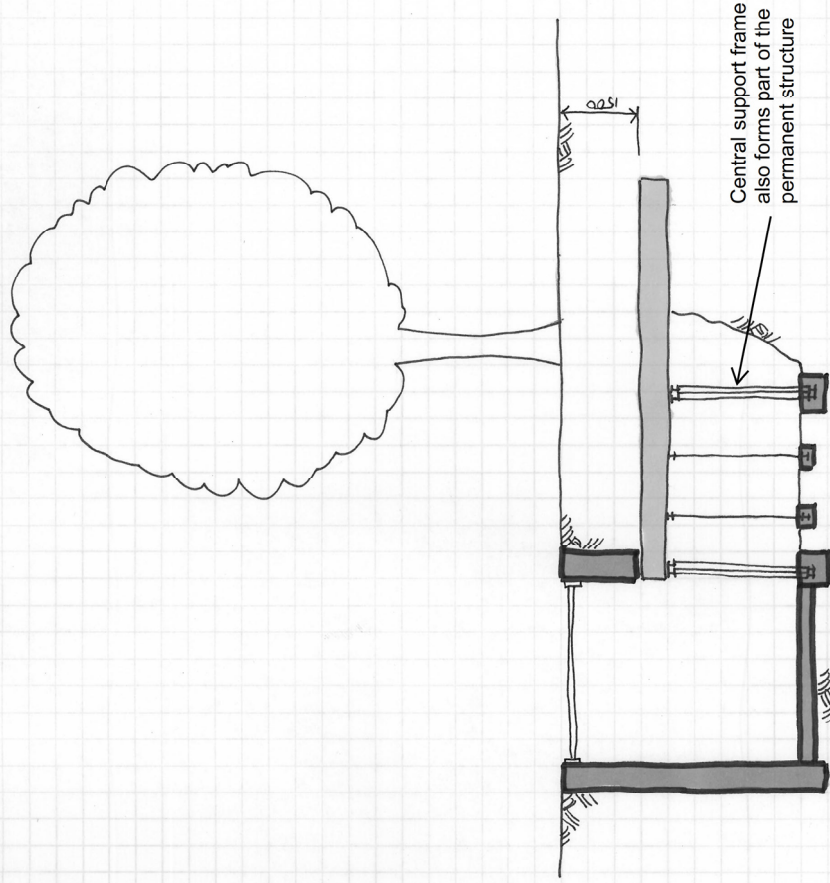
- Commence pipe jacking 1500 below existing ground level
- Fill completed sections with reinforced concrete
- Pipes will also probably be required to form side walls of new basement

Anticipated Sequence of works for Tunnel Construction/Pipe-jacking



Phase C

- All pipes are installed and filled with reinforced concrete to form full roof of basement
- Break out underpinning and Install first support frame, which is a part of the permanent structure
- Commence excavation, propping at regular centres excavation proceeds



Phase D

- Continue excavation, propping at regular centres as necessary
- Install central support frame, which is a permanent structure
- Continue excavation, propping at regular centres excavation proceeds