RS4: EARTH RETAINING STRUCTURES - PILE WALLS

Plan view of the pit

LAYOUT
M 1:100

primary and secondary (reinforced) piles, diameters of piles, numbering of piles

final excavation level

view P2

external surface of the future structure

locations of struts / anchors

Pile wall - wall of secant piles
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CROSS SECTION C
M 1:100

Cross-section with locations of anchors

guide walls with dimensions

Types of piles and dimensions (primary and secondary piles), head of pile and heel levels, excavation level

Anchor levels, levels of strutting, anchors with indications of free / fixed lengths, locations of the roots and their lengths, indication of types of struts and their lengths

Recommended: typical soil/rock sequence - source: Site Investigation Report
VIEW P2
M 1:100

Pile wall side view

- Existing ground level
- Strut level 312.30
- Existing ground level
- Struts - tube #194/8 mm
- Temporary tie-back 14xP l. 9.0 m (root 4.0 m)
- Jet grouting min. #0.80 m tube #108/16 mm
- ±0.00 = 317.19
- 1st tie-back level 312.30

Types of piles and dimensions (primary and secondary piles), head of pile and heel levels, excavation level.