SF1, SF2: SHALLOW FOUNDATIONS - SPREAD FOOTING FOUNDATIONS, SLAB FOUNDATIONS

LAYOUT, SECTIONS

Plan view of foundations

- Plan view is represented by a horizontal section below the level of plain concrete (protection of the subsoil)

- Indication of cross-sections
- Section is made along a broken line (at the plan view) to describe the most complicated parts of foundations of the building in relation to the natural / worked ground level

Dimensions of footings with indication of the foundation level, upper level of the plain concrete

- Indication of waterproofing layer and thermal insulation

Legend with description of materials and hatching

MATERIALS

- Reinforced Concrete Structure
- Concrete Structures
- Permanent Formwork B025
- Original Soil
- Backfilled Soil
- Thermal Insulation - expanded polystyrene EPS
- Thermal Insulation - extruded polystyrene XPS
- JTSK Geodetical Point
- Waterproofing

Cross-section D-D

Cross-section A-A

In case of different levels of the first above ground floor and underground floors, these levels shall be described together with backfills, waterproofing and thermal insulation with its protection

Recommended: typical soil/rock sequence, ground water level, source: Site Investigation Report