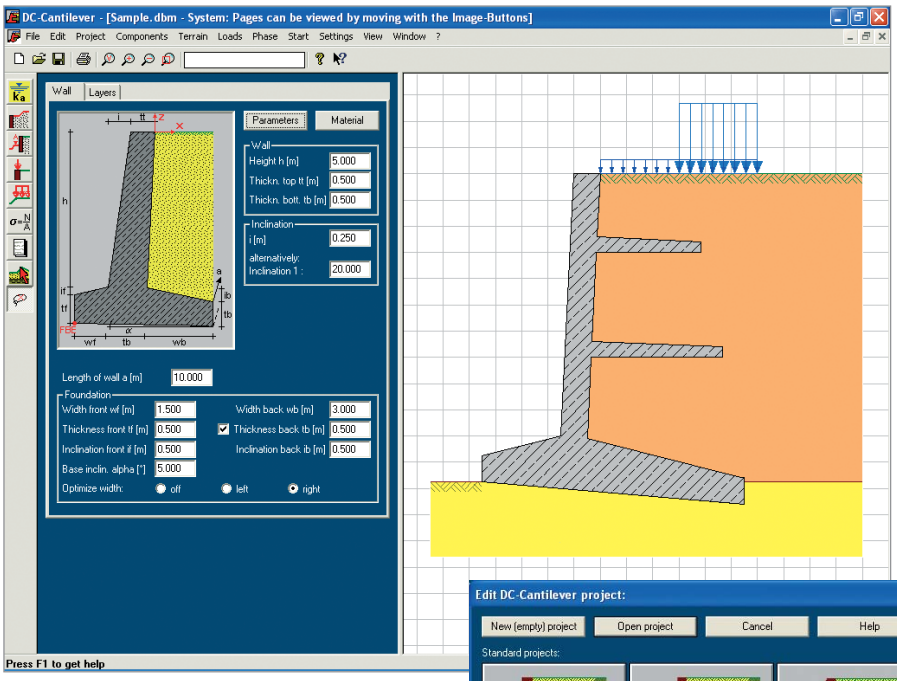
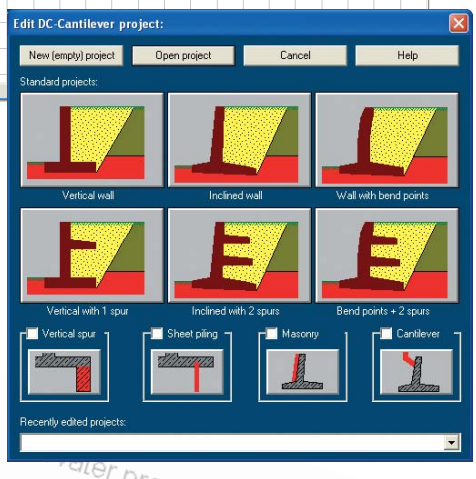
Analysis of cantilever walls
DC-Cantilever

- Analysis acc. to DIN 1054:2005 with partial safety factors, DIN 4085 and SIA 267
- German, English, French program version
- Design of reinforced concrete acc. to DIN 1045, DIN 1045-1, SIA 262, ÖNORM B 4700, British Standard BS 8110 and Indian IS 456
- Optimization of the footing width, alternatively at the earth or valley side: calculation of the width for which all checks are fulfilled
- Stability checks: overturning, sliding, bearing capacity, slope stability, check of soil pressure and settlement
- Variable soil layers



Different wall types



- Consideration of a backfill
- Application of compaction earth pressure
- Different earth pressure application (active, increased active, at rest) for the wall design and stability checks
- Exact application of the substitutional wall at the footing spur with ϑ_a'
- Check of the safety for slope stability
- Most simple use by input of the sizes by keyboard, double click on wall points or dragging with the mouse
- High-quality result output with integration of the result graphics