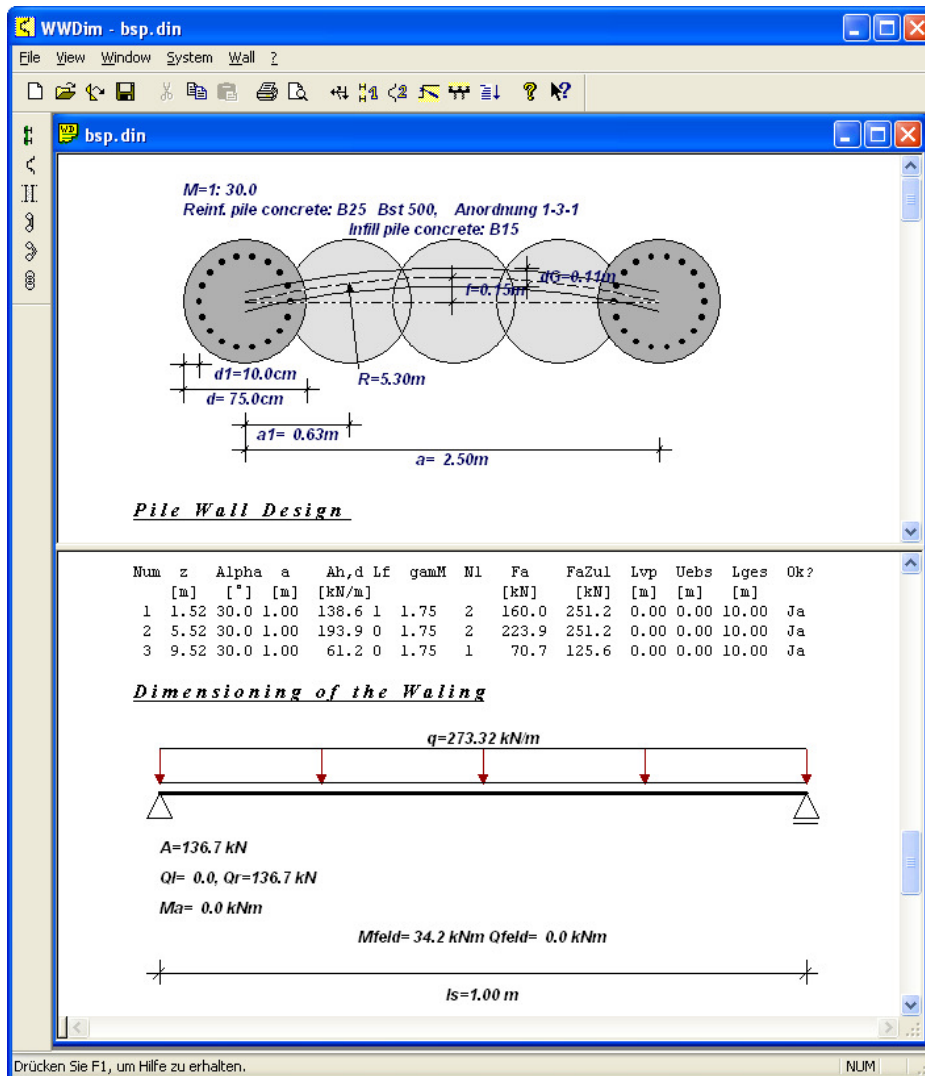


# WALLS-Dimensioning

## Interactive dimensioning of retainment walls incl. anchors and distribution walers

The dimensioning of retainment walls is a time consuming task. The program WALLS-Dimensioning performs this task with only a few mouse clicks and generates an inspection-oriented printout.



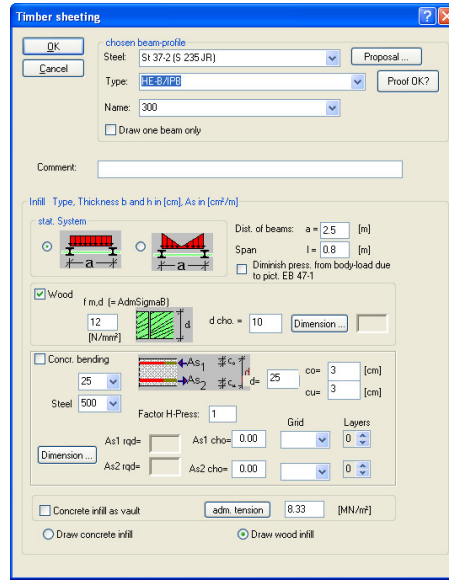
# Performance characteristics

## User Interface

- Clear arranged, interactive user interface
- Detailed on-line assistance
- Fast and easily operated
- Expandable profile data base is provided
- Import of WALLS calculation results by one mouse-click
- Full integration into the program chain WALLS

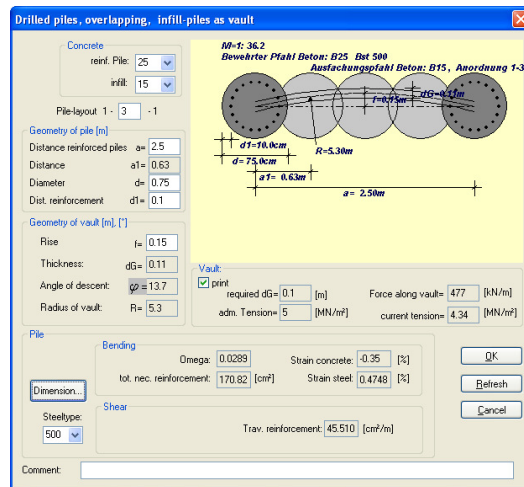
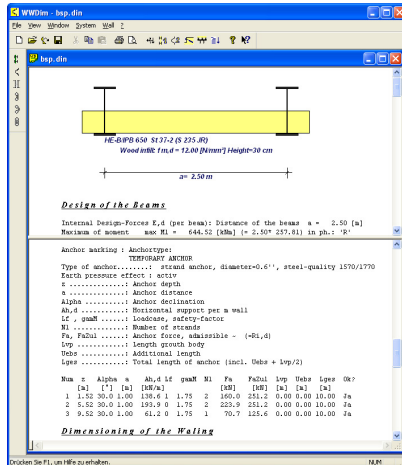
## Computation

- Dimensioning of all common types of pit lining walls:
  - Berlin wall with wood infill or shotcrete infill
  - Sheet pile wall
  - Diaphragm wall
  - Bored pile wall
    - with straight shotcrete infill checked for bending and/or arch effect
    - as arch with curved infill
    - with infill constructed from piles and taking automatically into account the effect of compressed arch
- „Mixed-In-Place“ wall
- Dimensioning of the anchors (temporary and/or permanent wire and single bar anchors)
- Dimensioning of waling
- Profile suggestion from a data base, which fulfills all stress checks
- In-situ concrete walls dimensioned according to max. forces and/or selected construction stages in order to graduate the reinforcement
- Dimensioning according to the standards DIN 1045, DIN 1045-1, EC2, SIA and OENORM



## Results

- RTF Format (MS Office compatible)
- Direct print output containing mixed text and graphics
- Pictures drawn to scale, thus offering good control of the results



## Application areas

- All type of retention walls calculated with the program WALLS can be dimensioned.
- Also retention walls can be dimensioned by entering the forces. Thus WALLS-Dimensioning can also be used in association with other calculations programs for retention walls.