

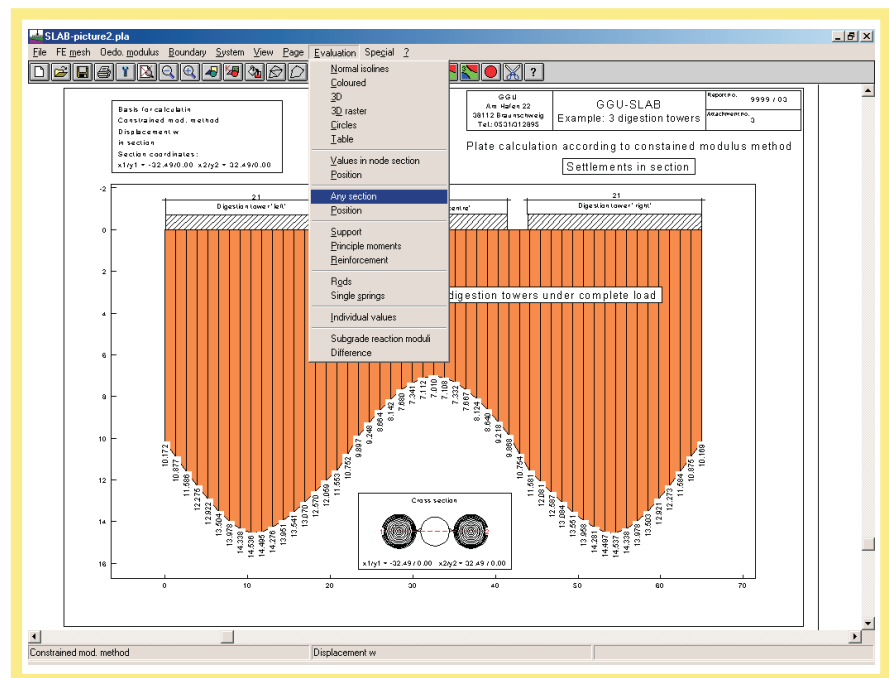
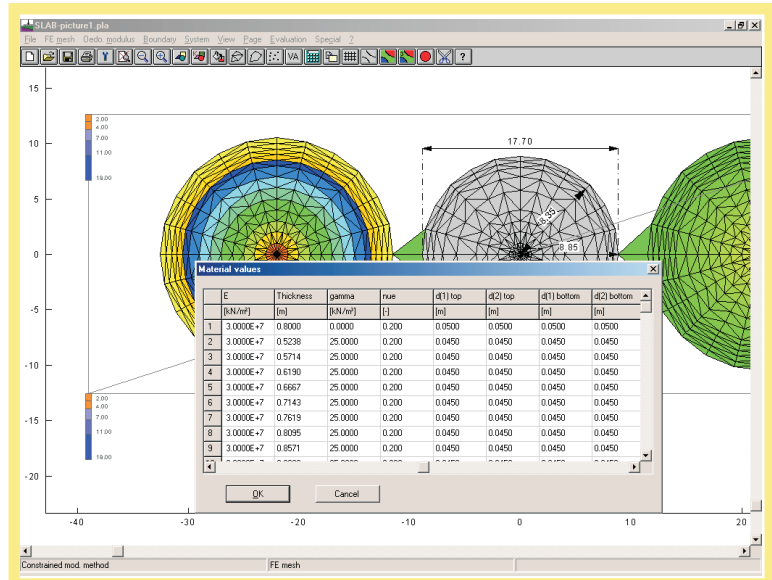
Description

GGU-SLAB - dimensioning of slabs using subgrade reaction or constrained modulus.

The GGU-SLAB program can calculate slabs using subgrade or constrained modulus procedure. To solve the differential equations the finite-element method, with triangular elements, is used. The course of the subgrade modulus can be varied in almost anyway you wish. The distribution of the constrained modulus can be defined using horizon profiles and an interpolation grid.

Other important capabilities are:

- Any kind of slab outline, including holes
- Linearly variable bedding within an element
- Framework elements for modelling, e.g. foundation girders
- Individual springs, perpendicular to the slab, e.g. for the modelling of piles



Report no. 9999 / 03
Attachment no. 3
GGU-SLAB
3 digestion tower
GGU Am Hafen 22 38112 Braunschweig Tel.: 0531/312895

Plate calculation according to constricted modulus method

Basis for calculation
Constrained mod. method
Displacement w
in section
Section coordinates:
x1/y1 = -32.49/0.00 x2/y2 = 32.49/0.00

