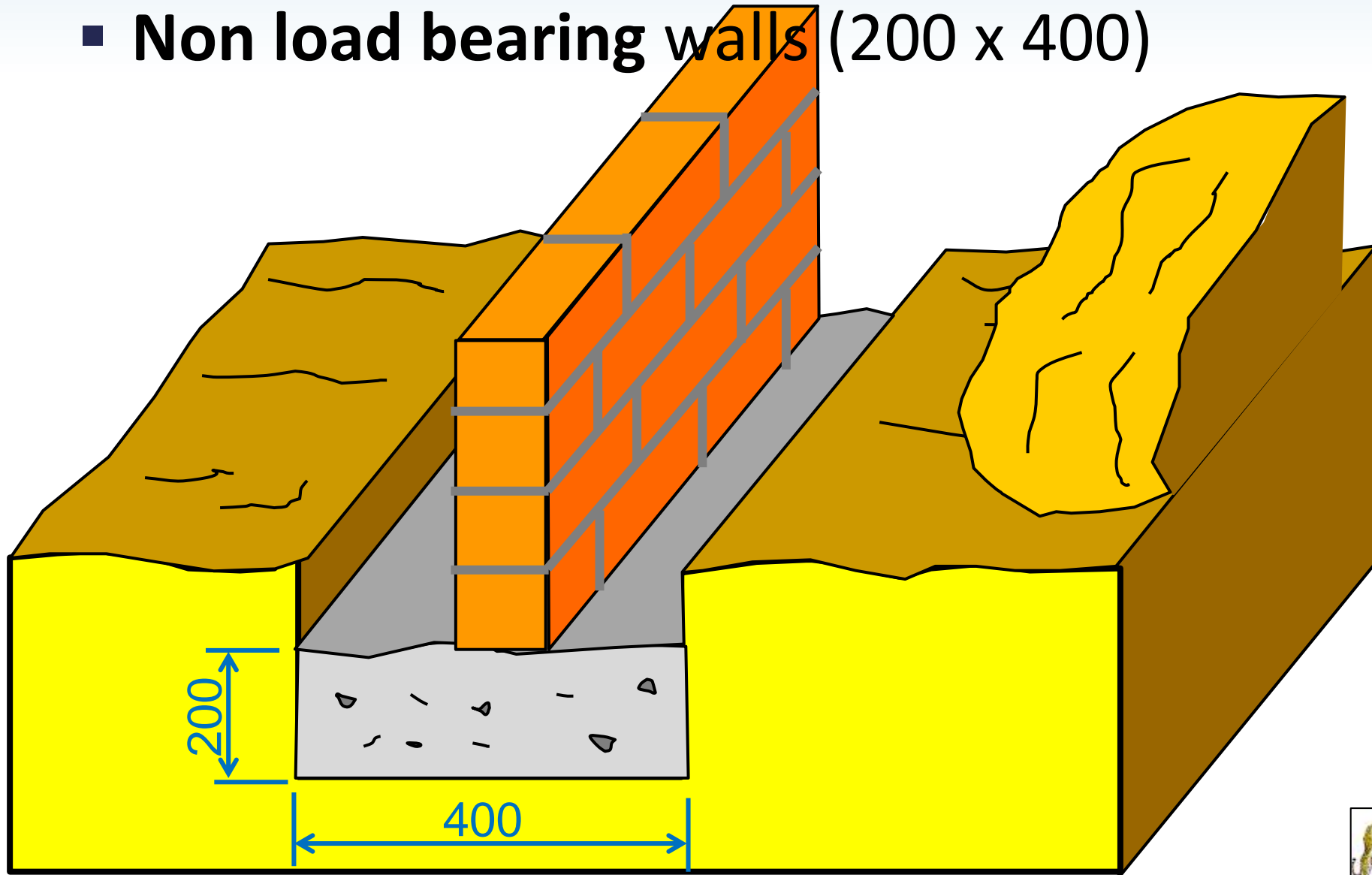


THE CONSTRUCTION INDUSTRY CIVIL DRAWINGS

Developed by: PC Viljoen
Senior Educational Specialist for
Engineering Graphics and Design
Free State Province

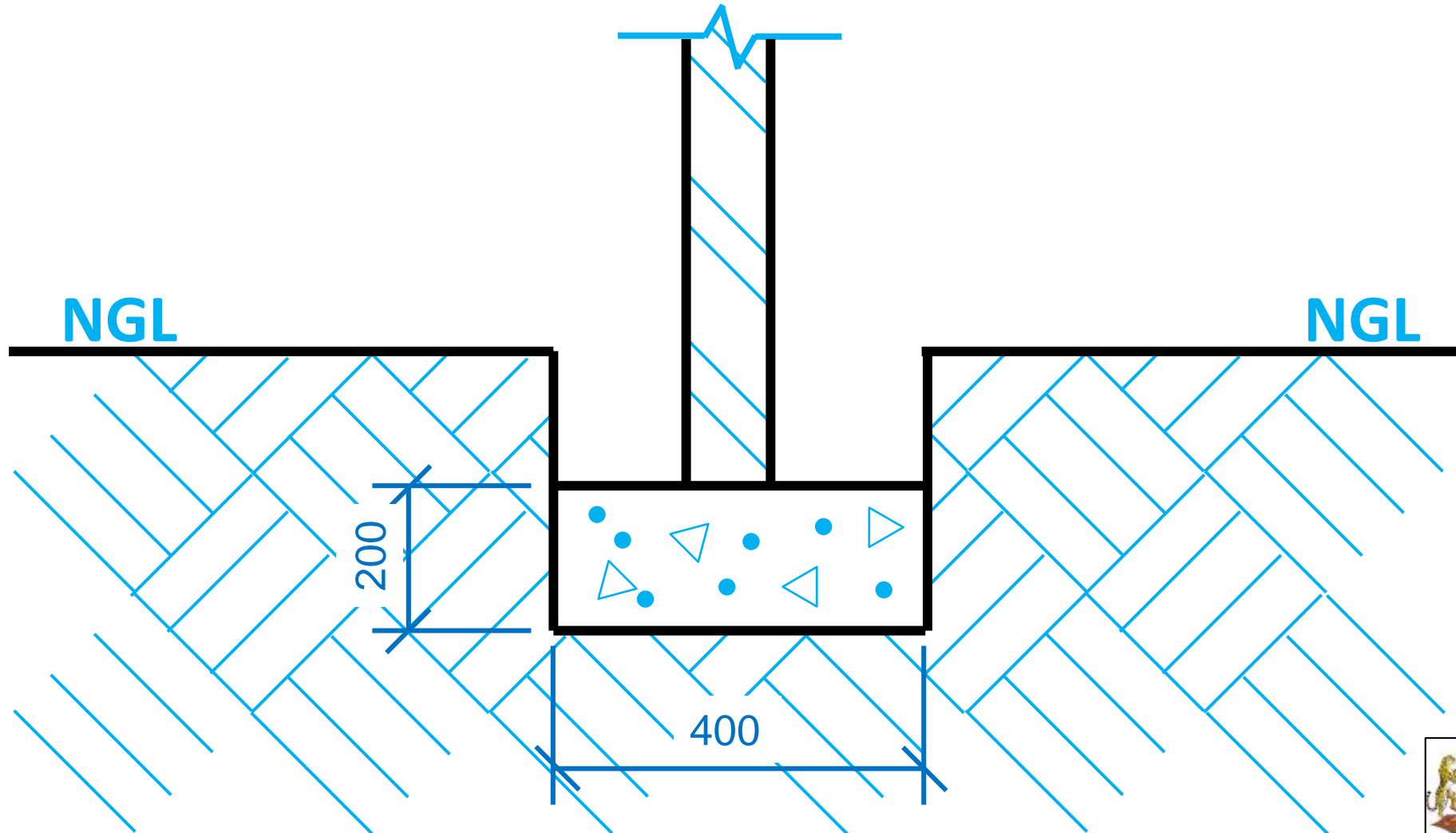
FOUNDATION DIMENSIONS

- **Non load bearing walls (200 x 400)**



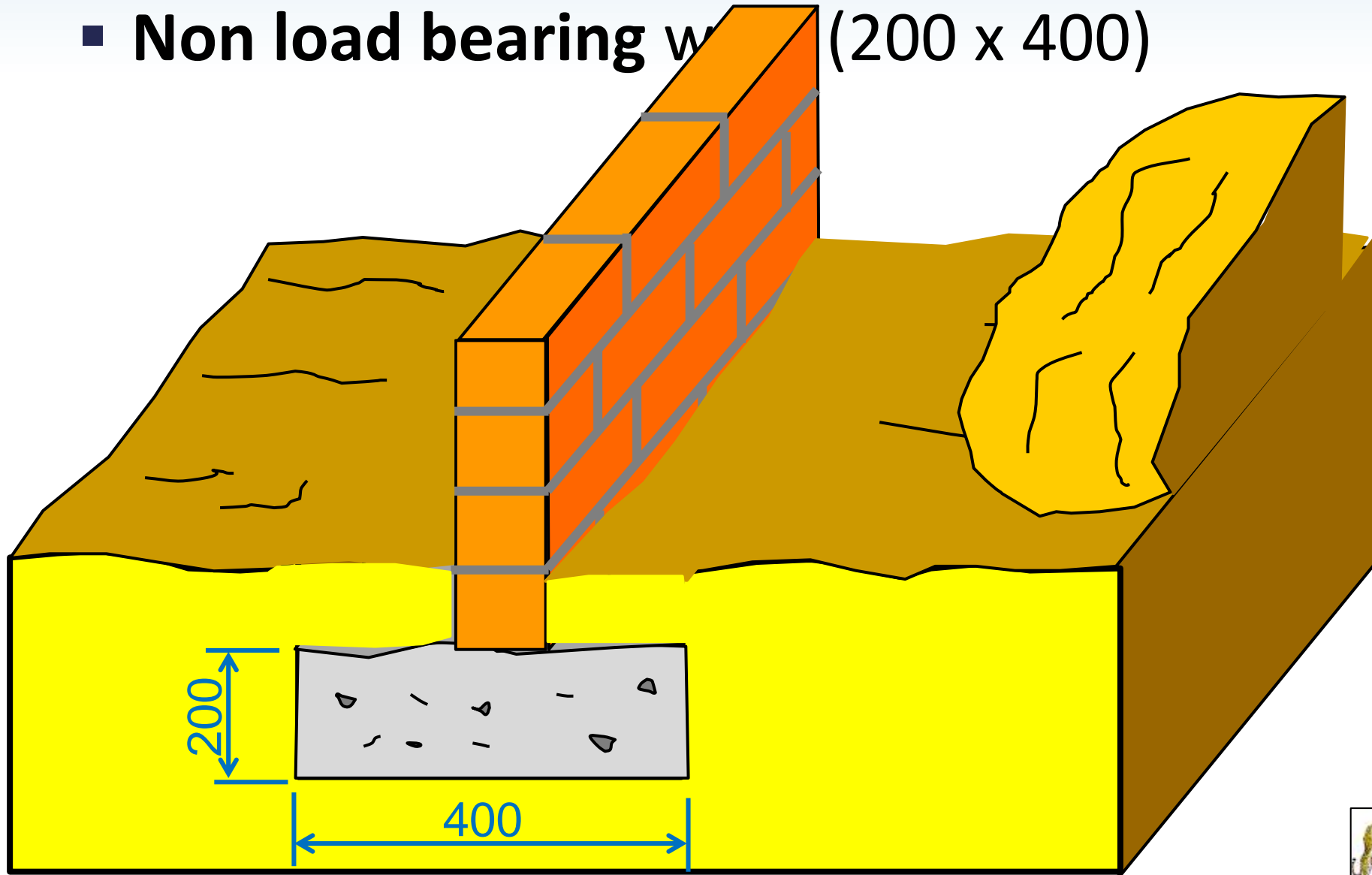
FOUNDATION DIMENSIONS

- Non load bearing walls (200 x 400)



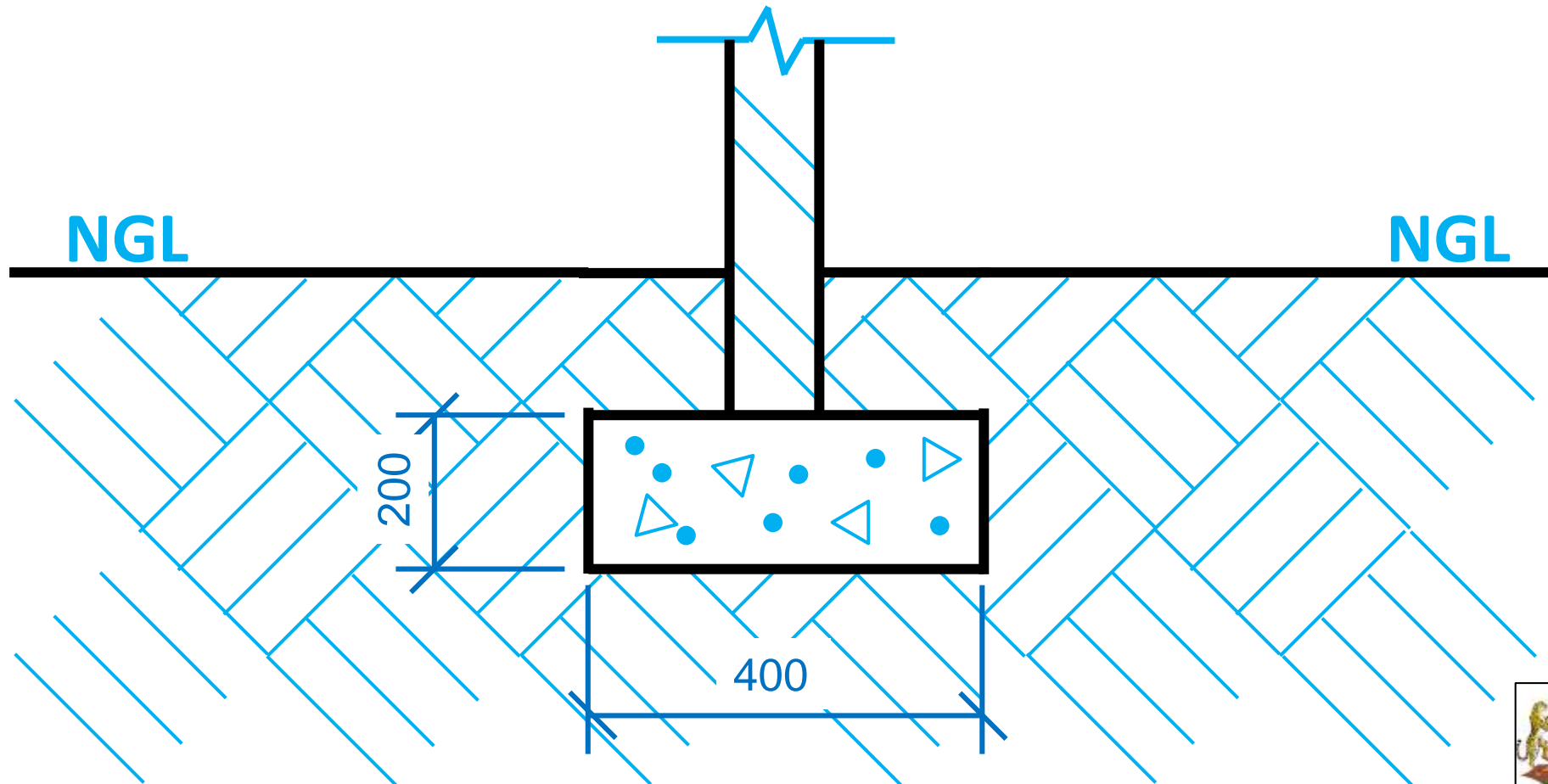
FOUNDATION DIMENSIONS

- Non load bearing wall (200 x 400)



FOUNDATION FILLING & COMPACTING

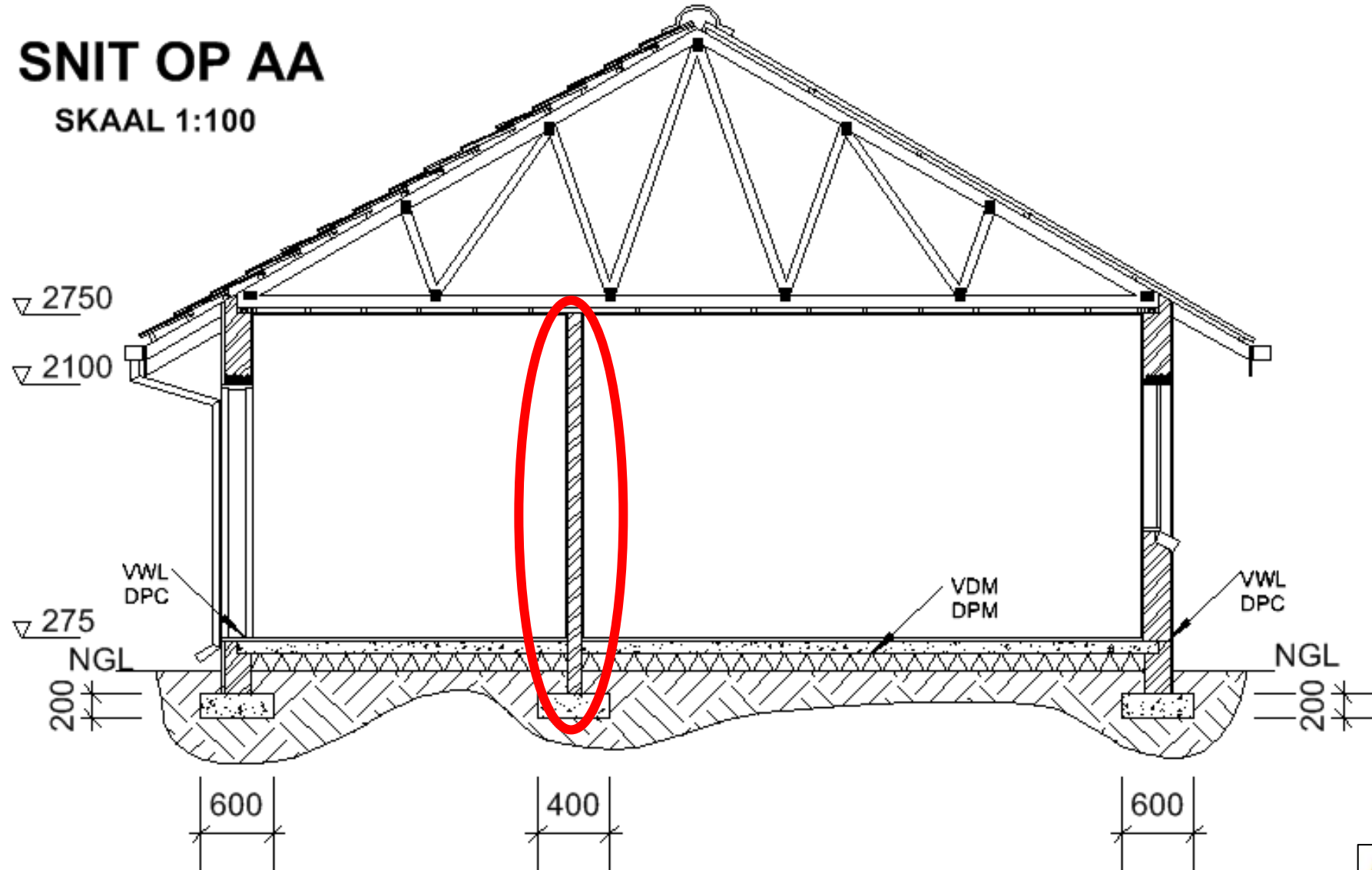
- Non load bearing walls (200 x 400)



A SECTIONED VIEW (grade 12 level)

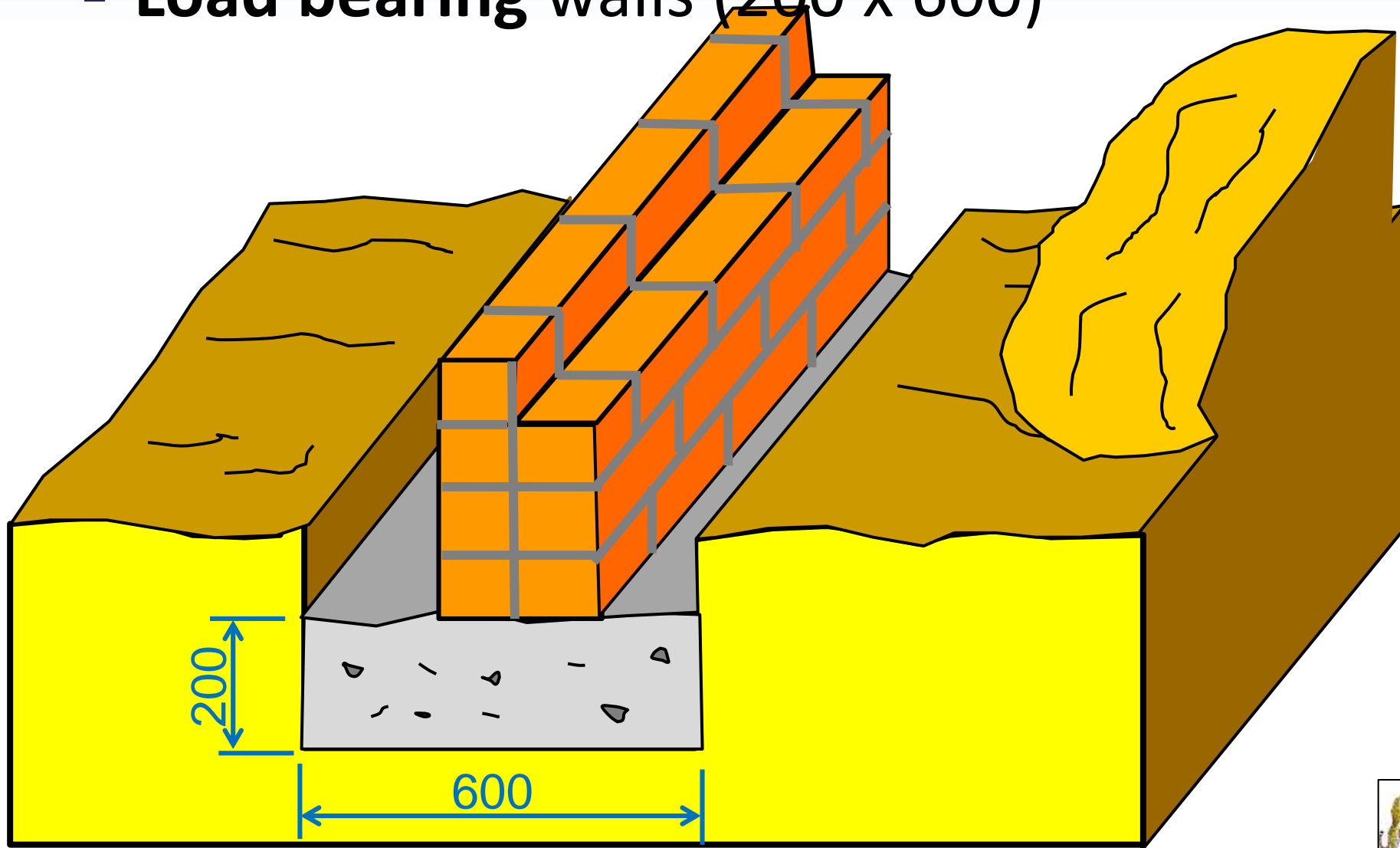
SNIT OP AA

SKAAL 1:100



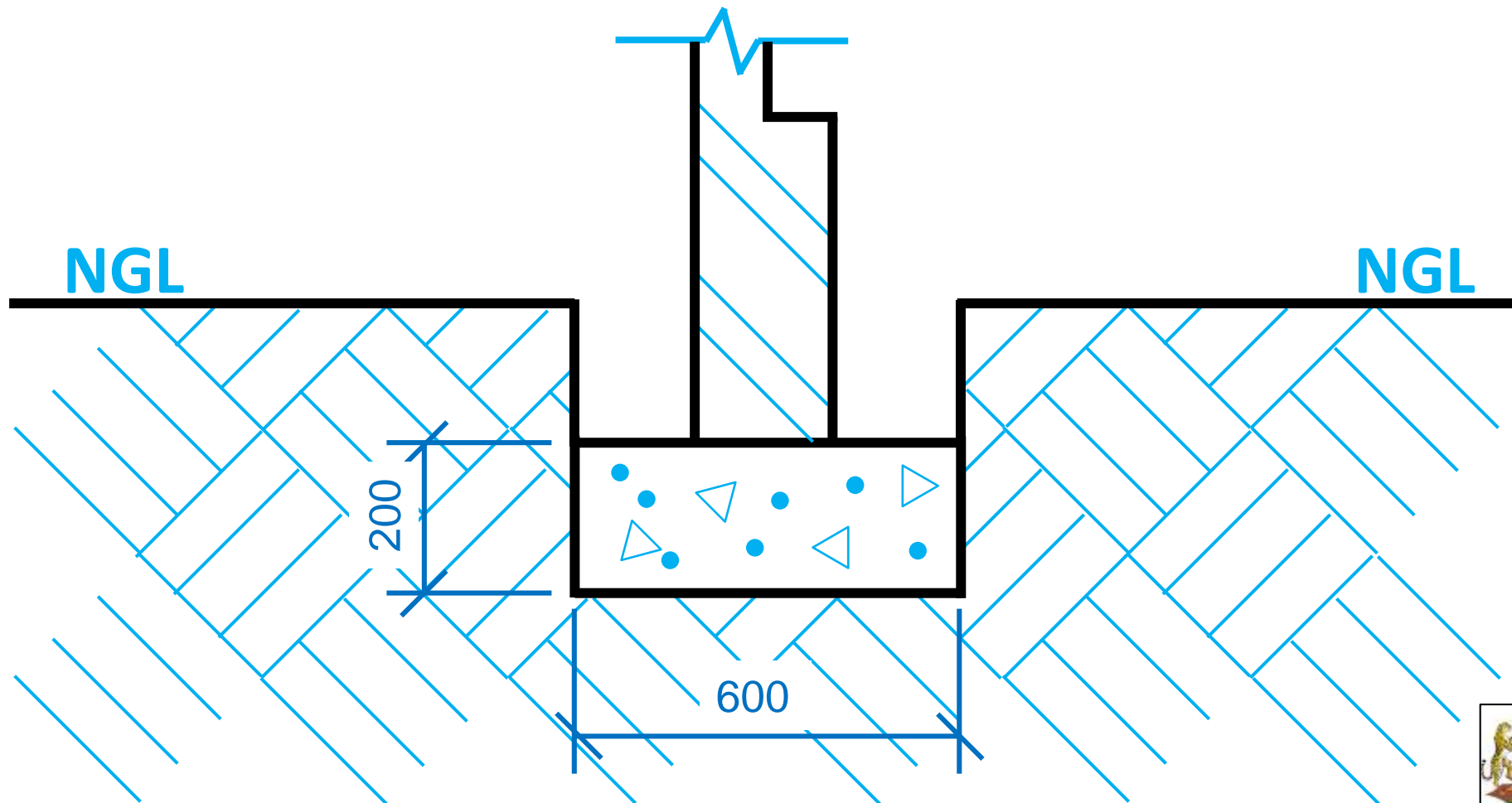
FOUNDATION DIMENSIONS

- Load bearing walls (200 x 600)

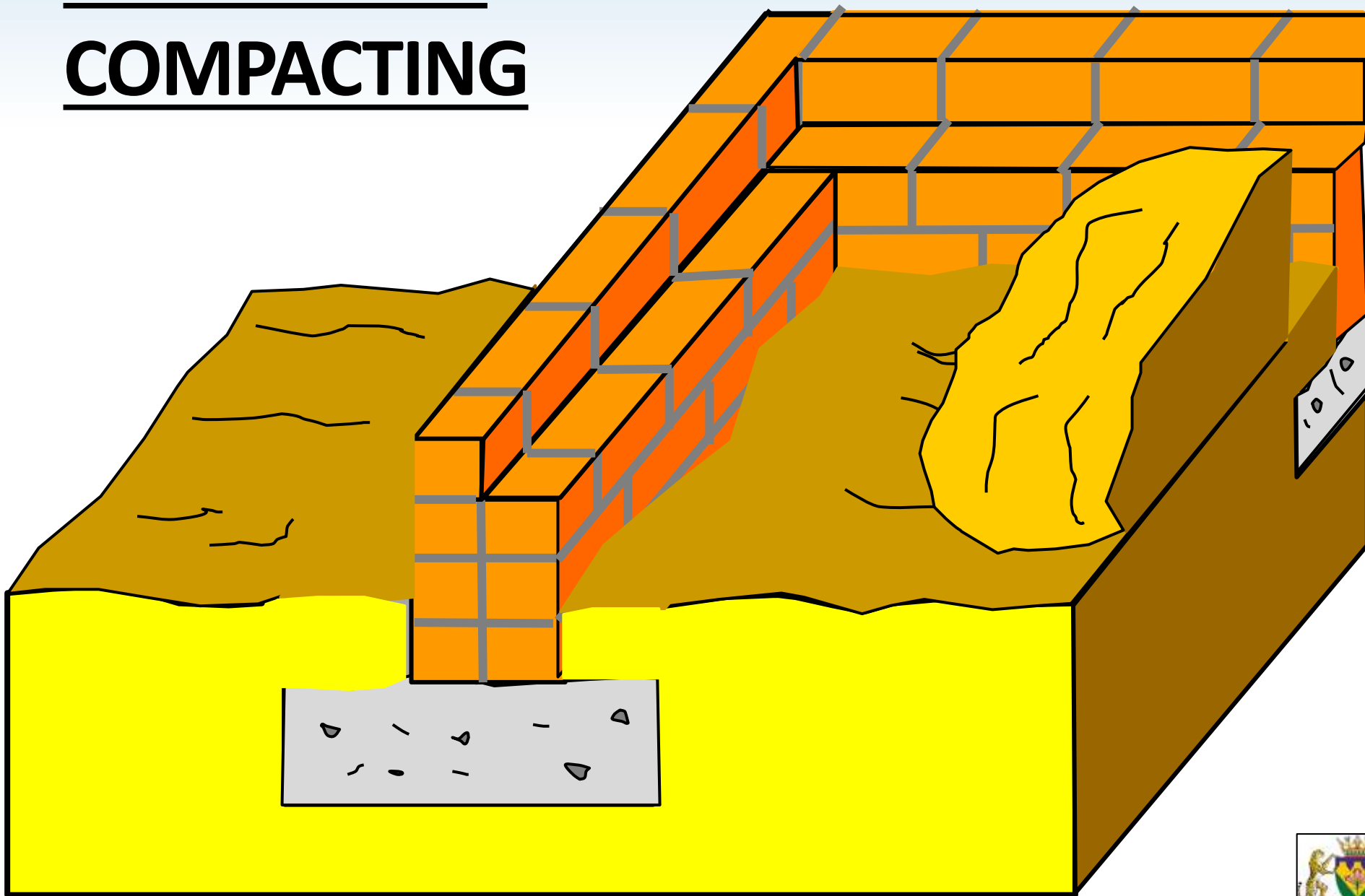


FOUNDATION DIMENSIONS

- **Load bearing walls (200 x 600)**

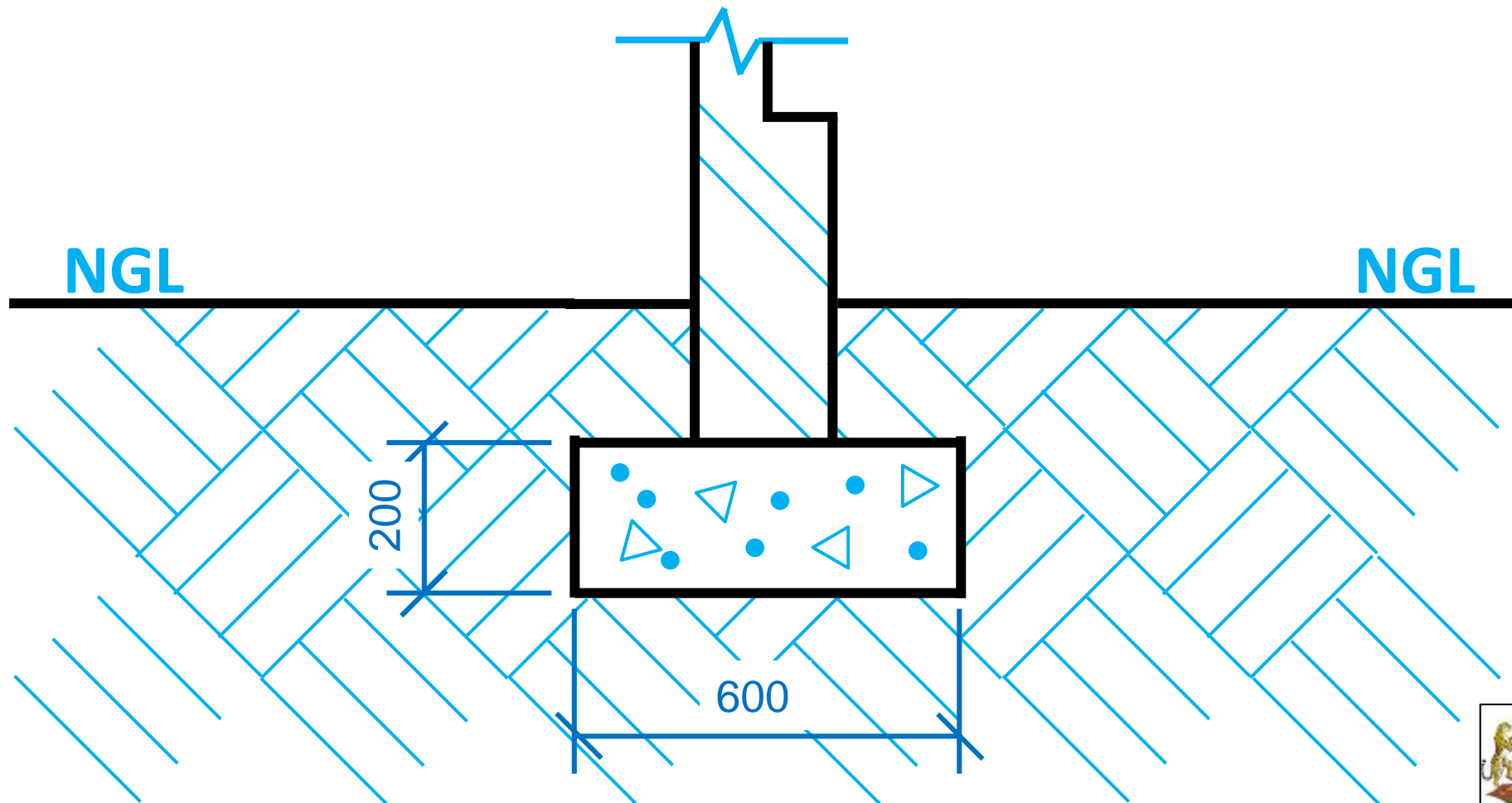


FILLING AND COMPACTING



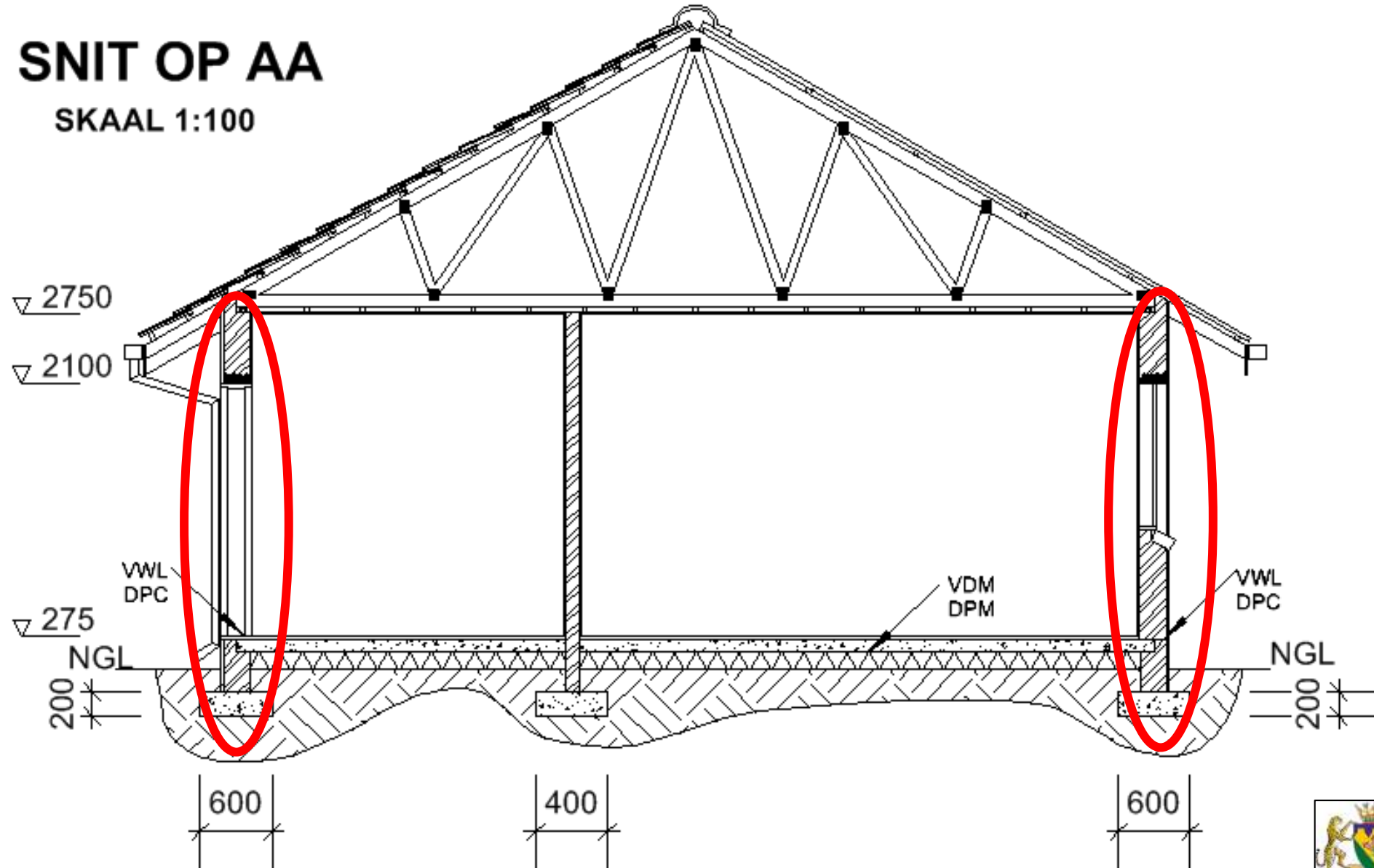
FOUNDATION FILLING & COMPACTING

- **Load bearing walls (200 x 600)**



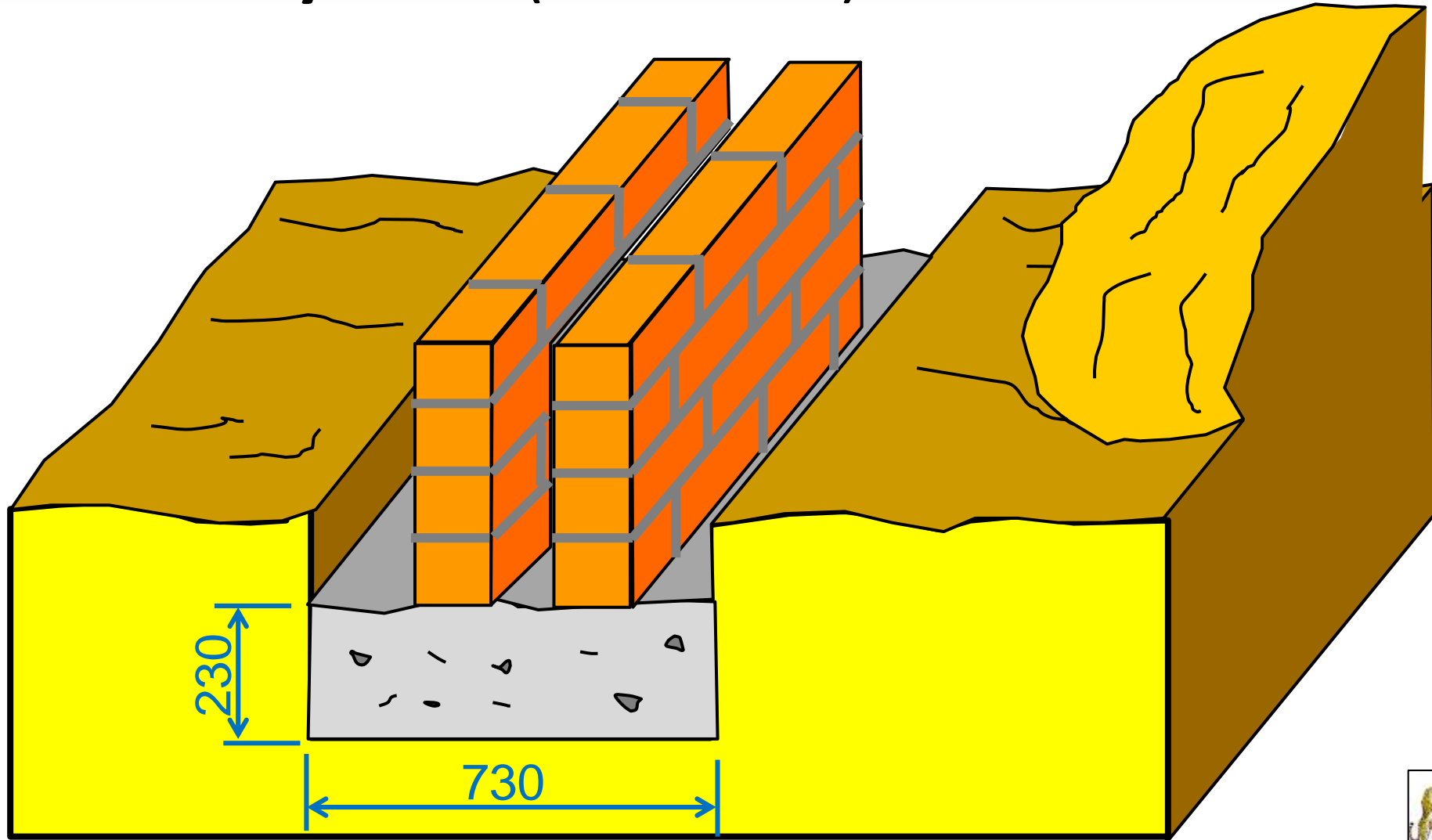
A SECTIONED VIEW (grade 12 level)

SNIT OP AA
SKAAL 1:100



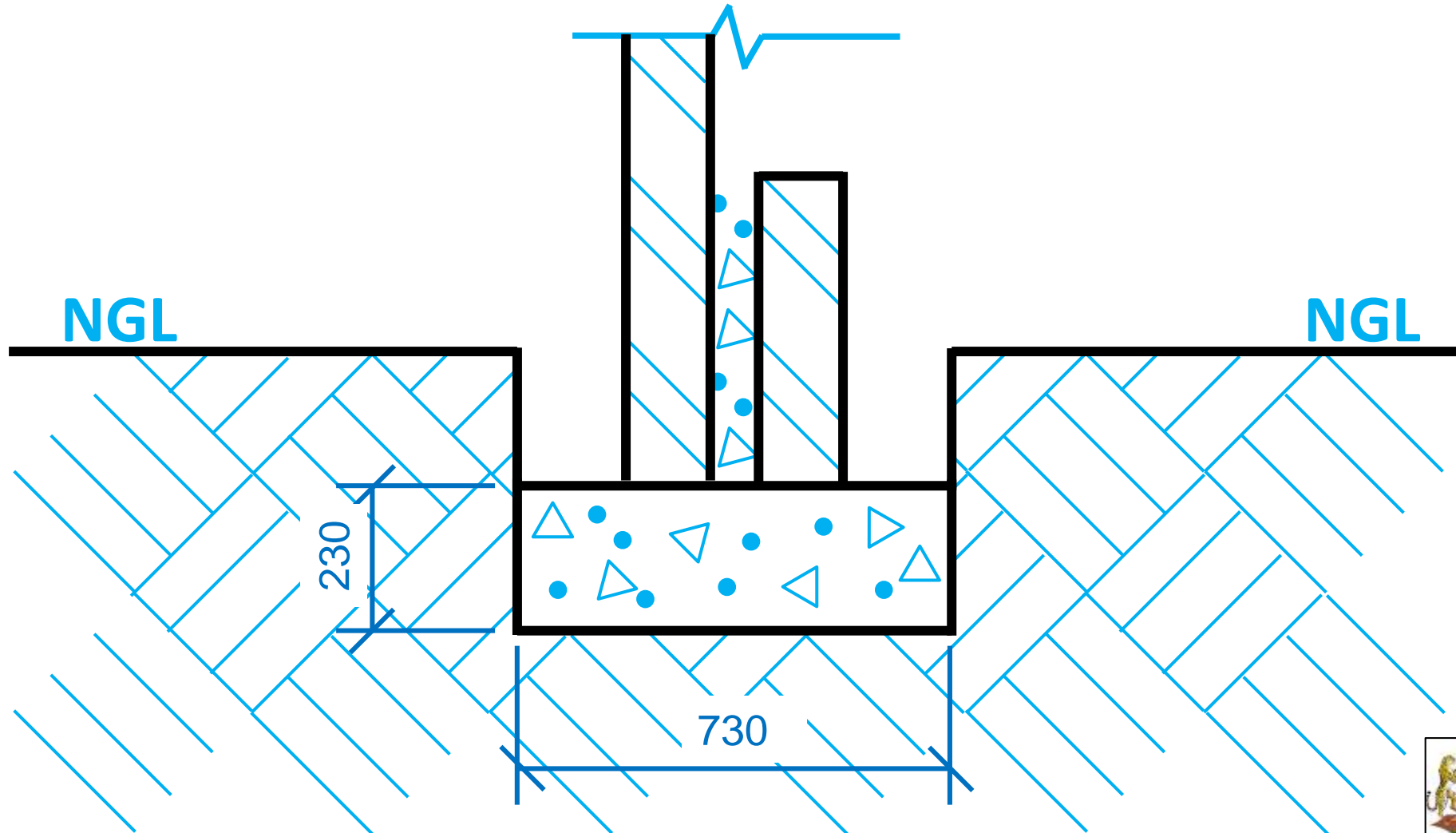
FOUNDATION DIMENSIONS

- Cavity walls (230 x 730)



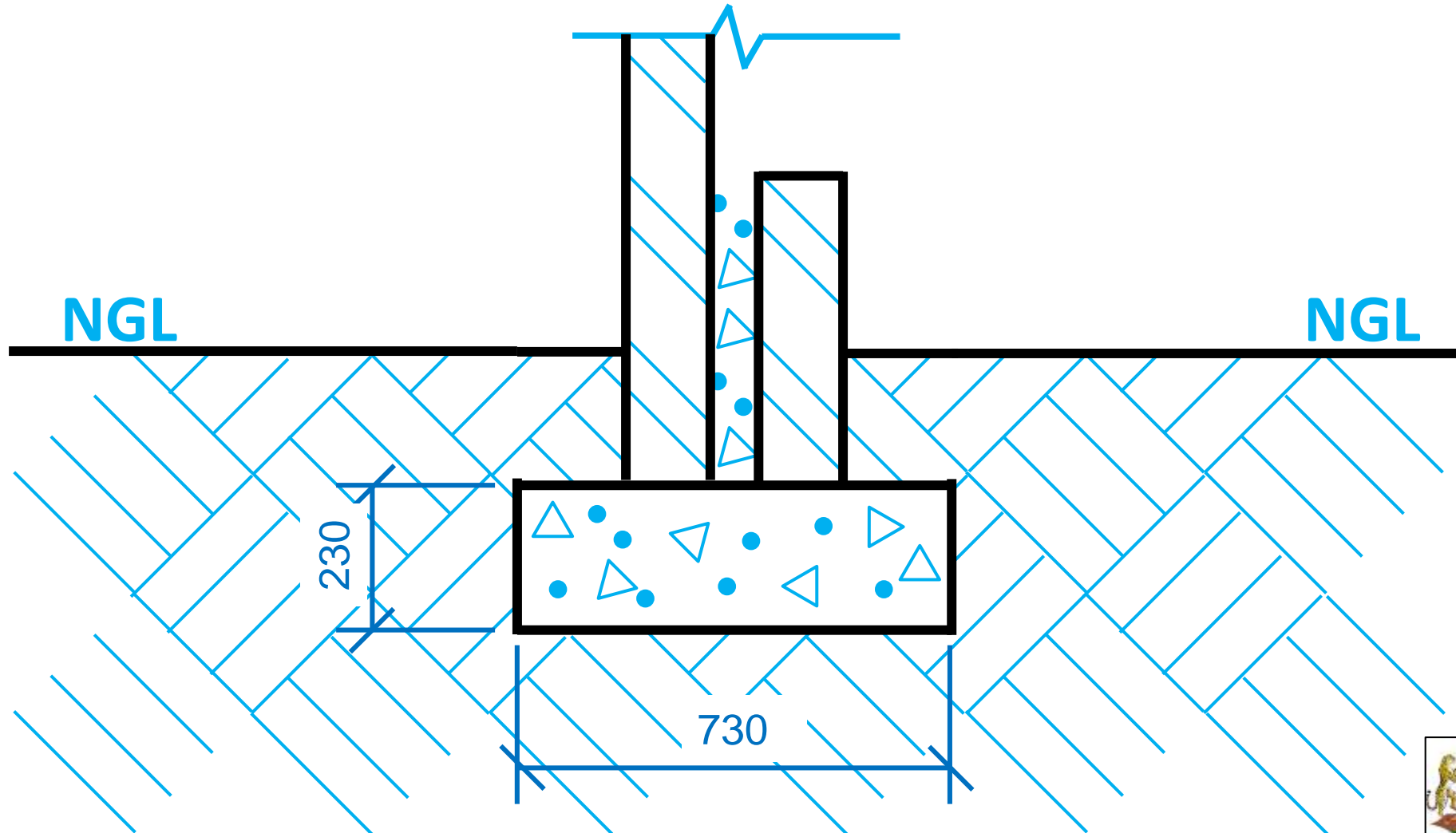
FOUNDATION FILLING & COMPACTING

- Cavity walls (230 x 730)



FOUNDATION FILLING & COMPACTING

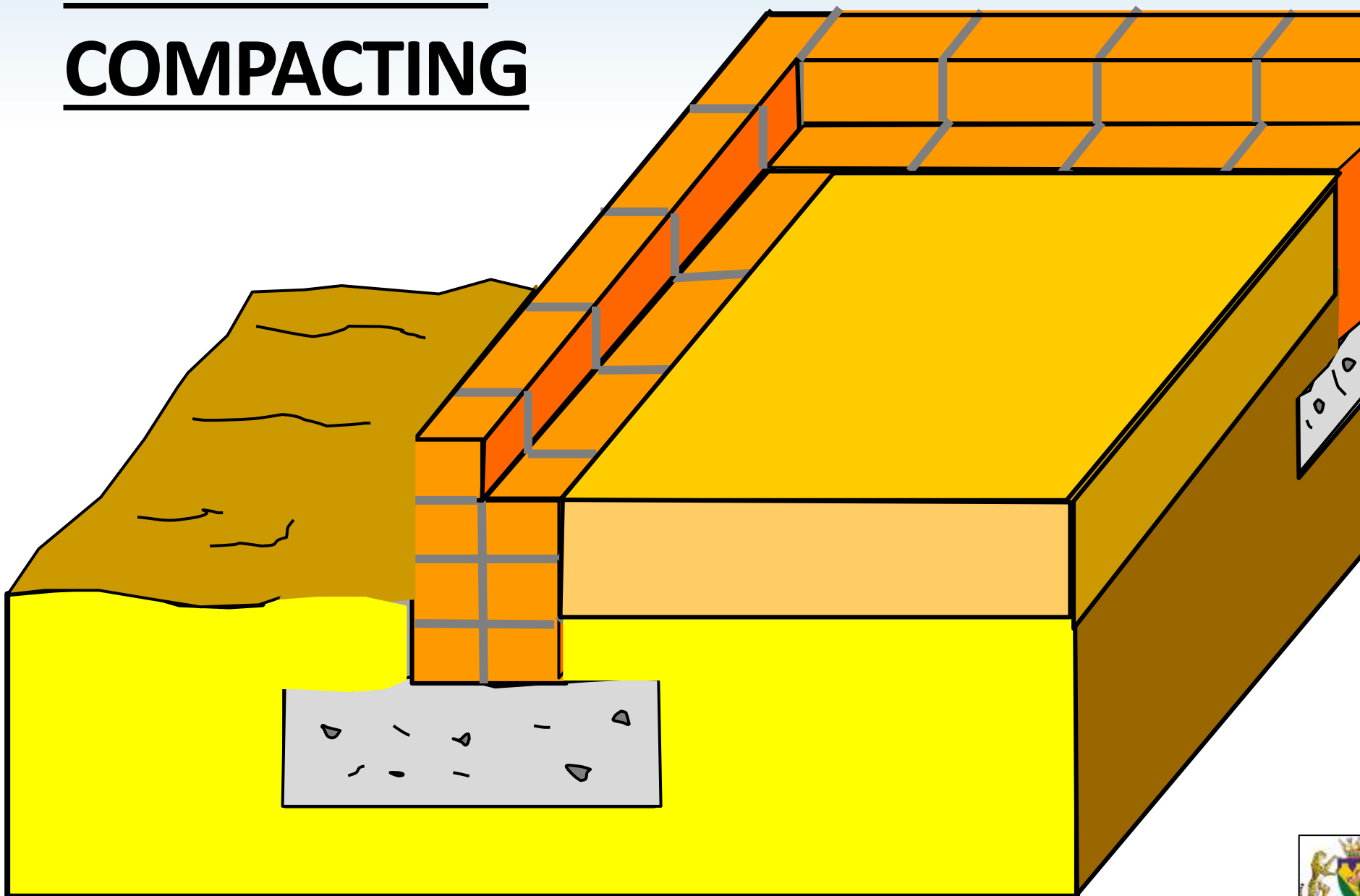
- Cavity walls (230 x 730)



FILLING & COMPACTING



FILLING AND COMPACTING

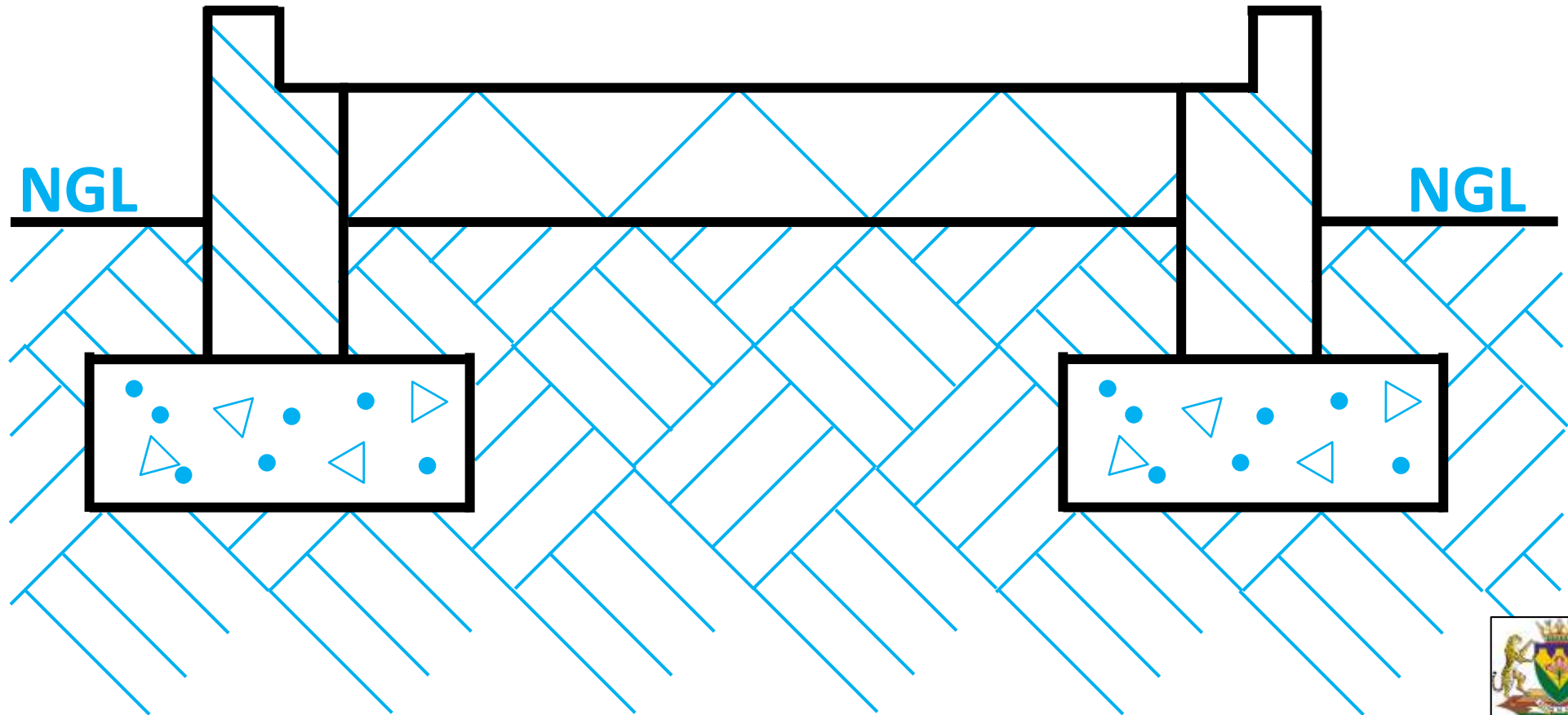


FILLING & COMPACTING



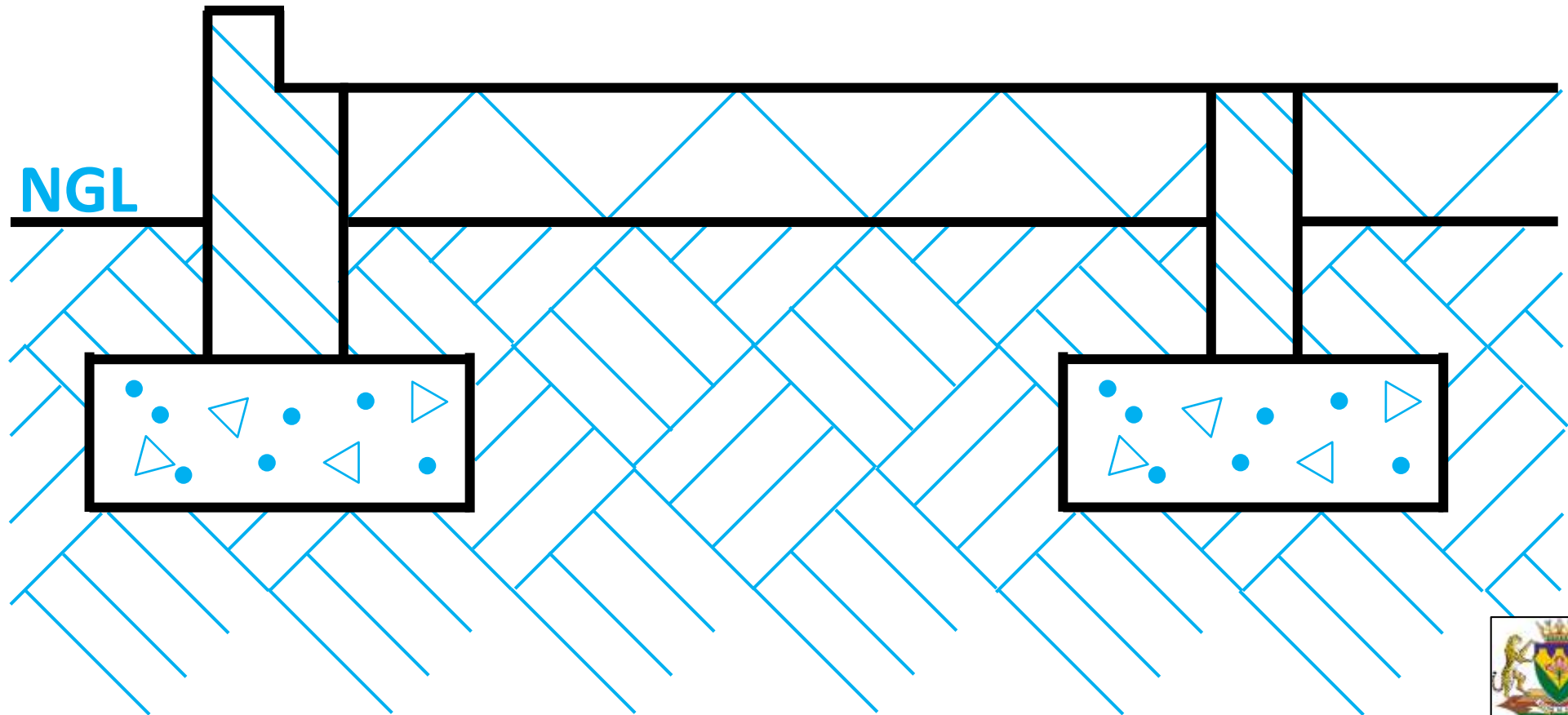
FILLING & COMPACTING

- Hard core filling



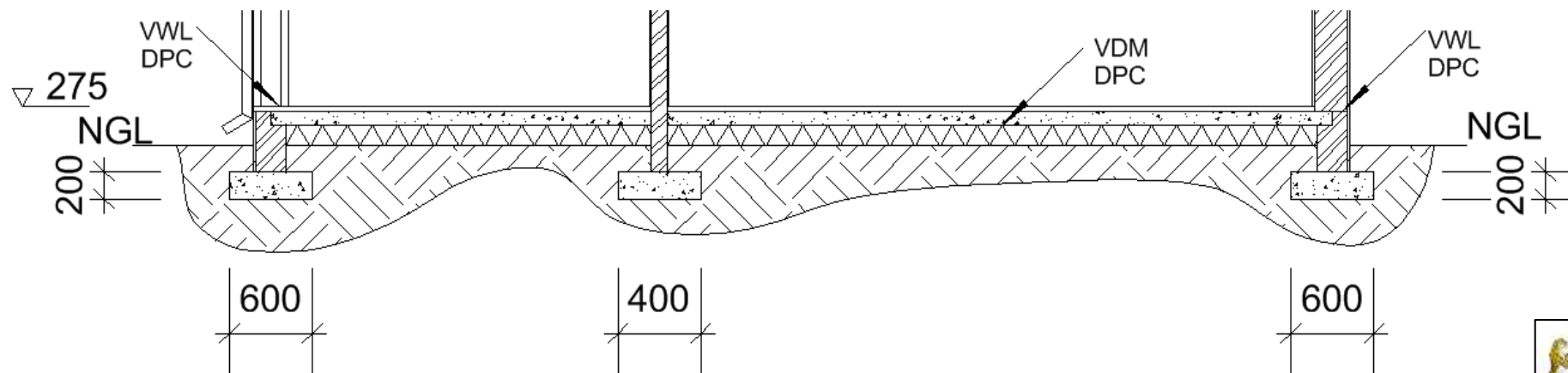
FILLING & COMPACTING

- **Hard core filling at load bearing & non-load bearing walls**

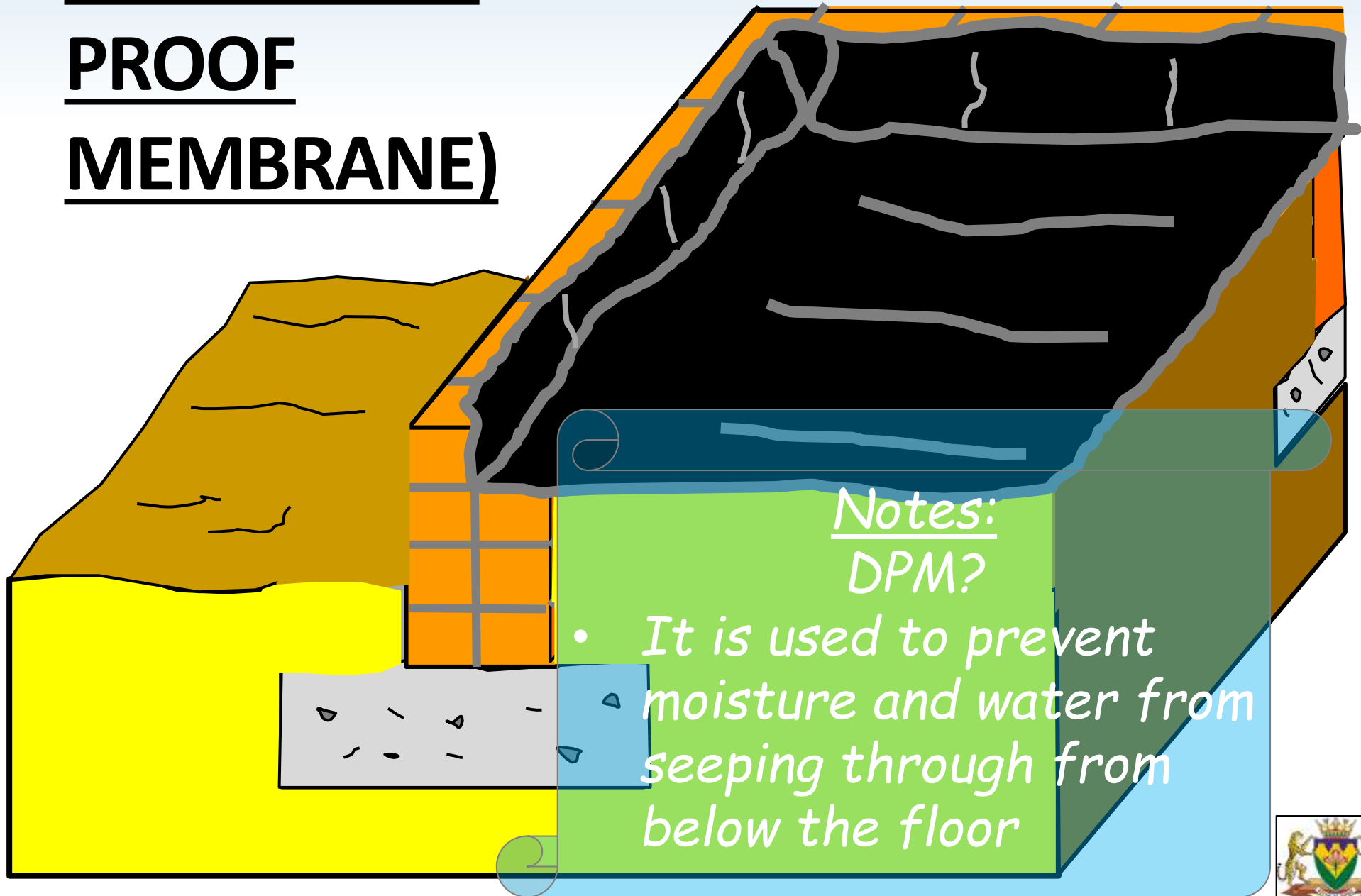


FILLING & COMPACTING

- Compacting not thicker than 150 mm at a time should be allowed.
- Plant material and bricks must be removed when preparing the ground for compacting.



DPM (DAMP PROOF MEMBRANE)

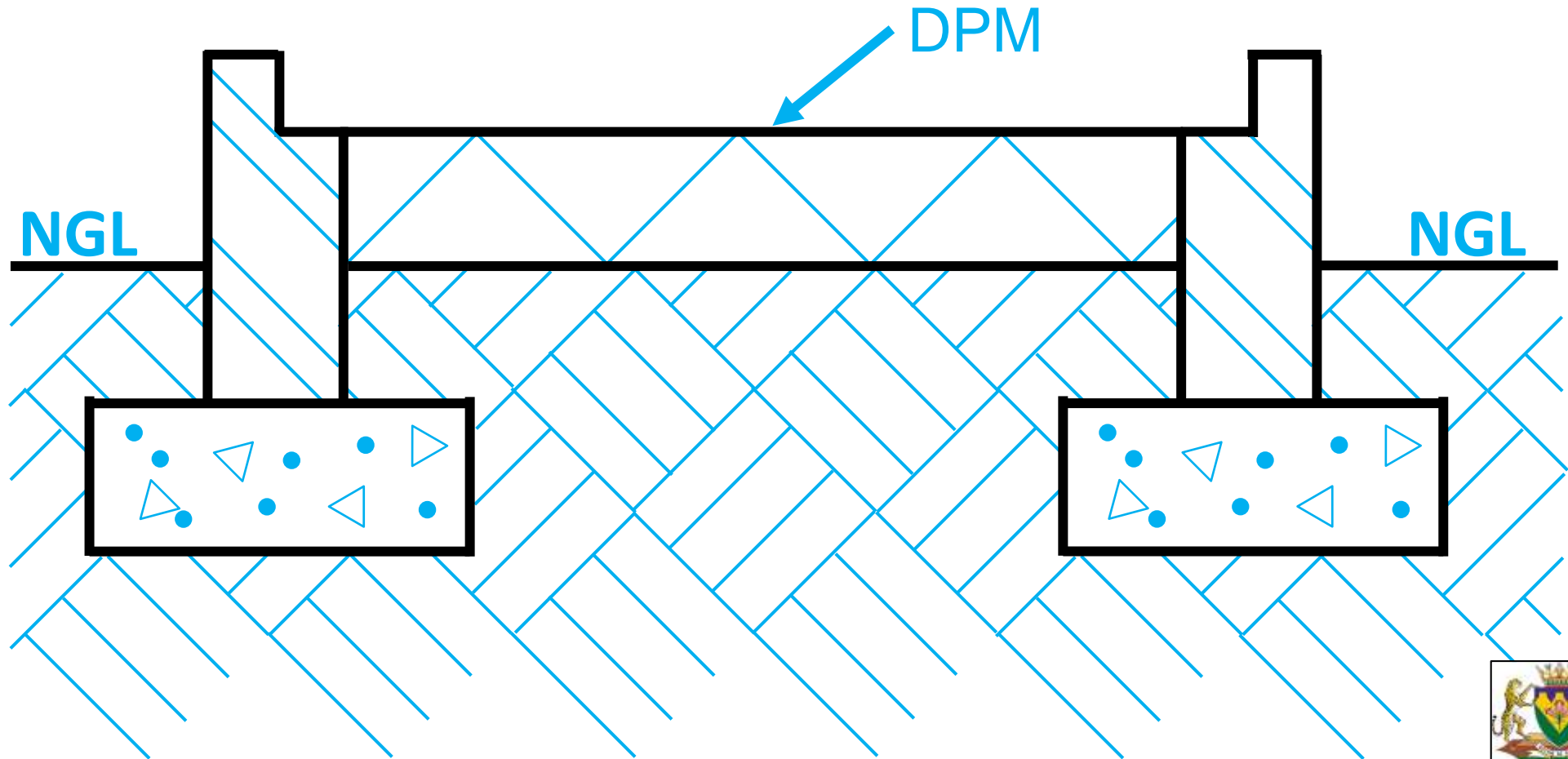


DAMP PROOF MEMBRANE (DPM)



FOUNDATION FILLING & COMPACTING

- DPM at load bearing walls



FOUNDATION FILLING & COMPACTING

- DPM at load bearing & non-load bearing walls

