

**3.6.3 THE**  
**CONSTRUCTION**  
**INDUSTRY**  
**CIVIL DRAWINGS**  
**Hatching detail**

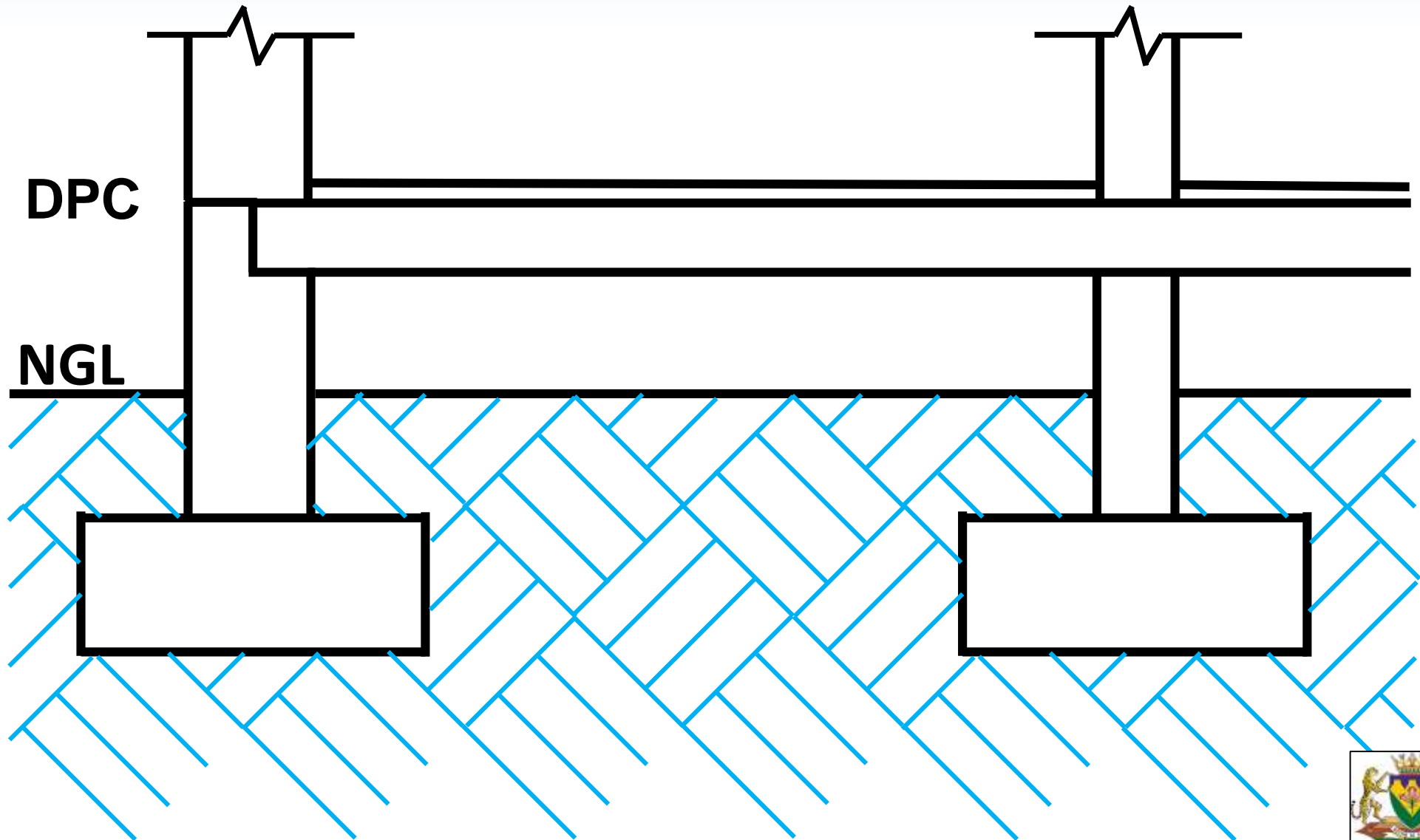
Developed by: PC Viljoen  
Senior Educational Specialist for  
Engineering Graphics and Design  
Free State Province

# PRESCRIBED CONTENT FOR GRADE 10

- Annotations, labels, dimensioning and scales.
- Relevant abbreviations and conventions.
- **Hatching detail.**
- Calculating the floor area of a house.
- Calculating the perimeter of a house.
- The floor plan showing the windows and doors.
- Basic single line elevations.
- Sectional elevations showing the detail from the foundation to the concrete slab.

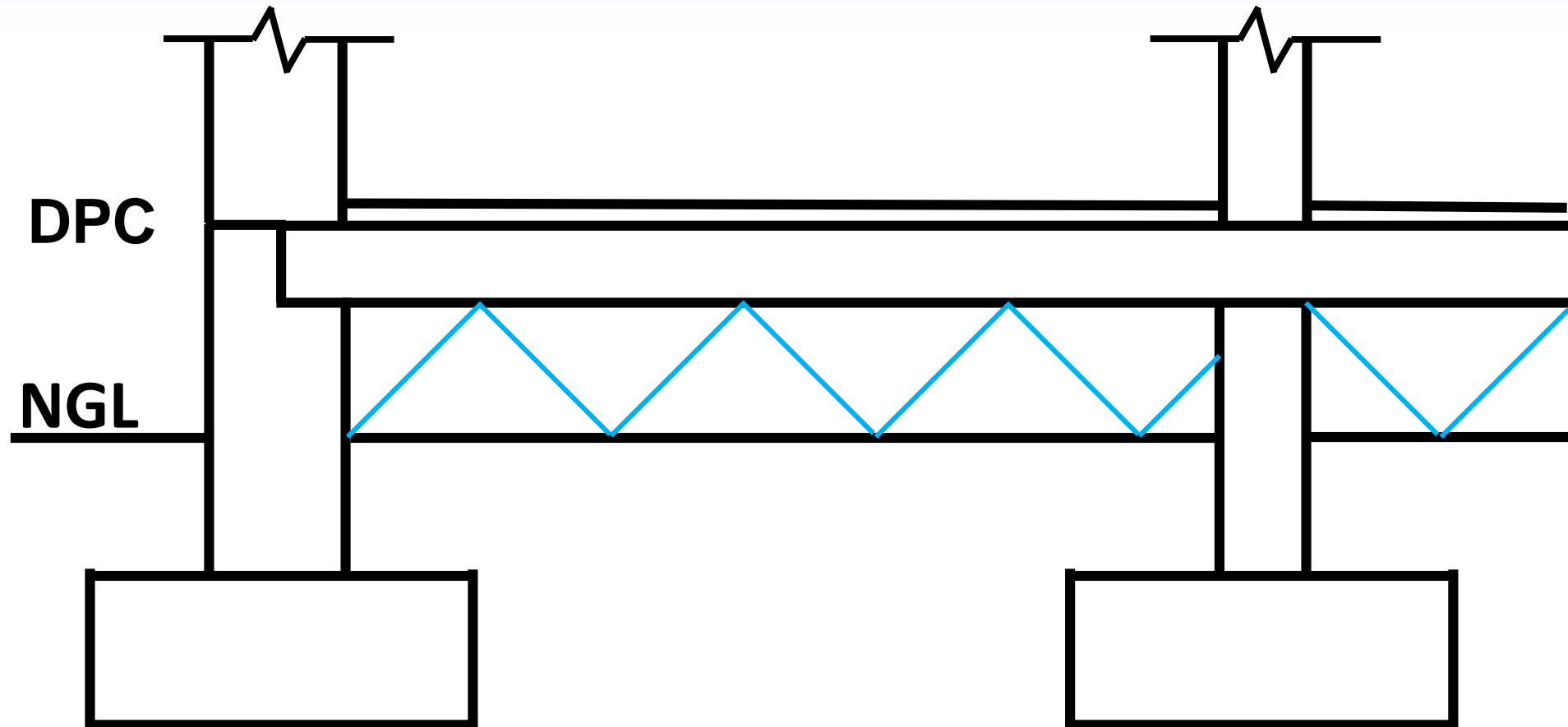
# HATCHING DETAIL

- Earth



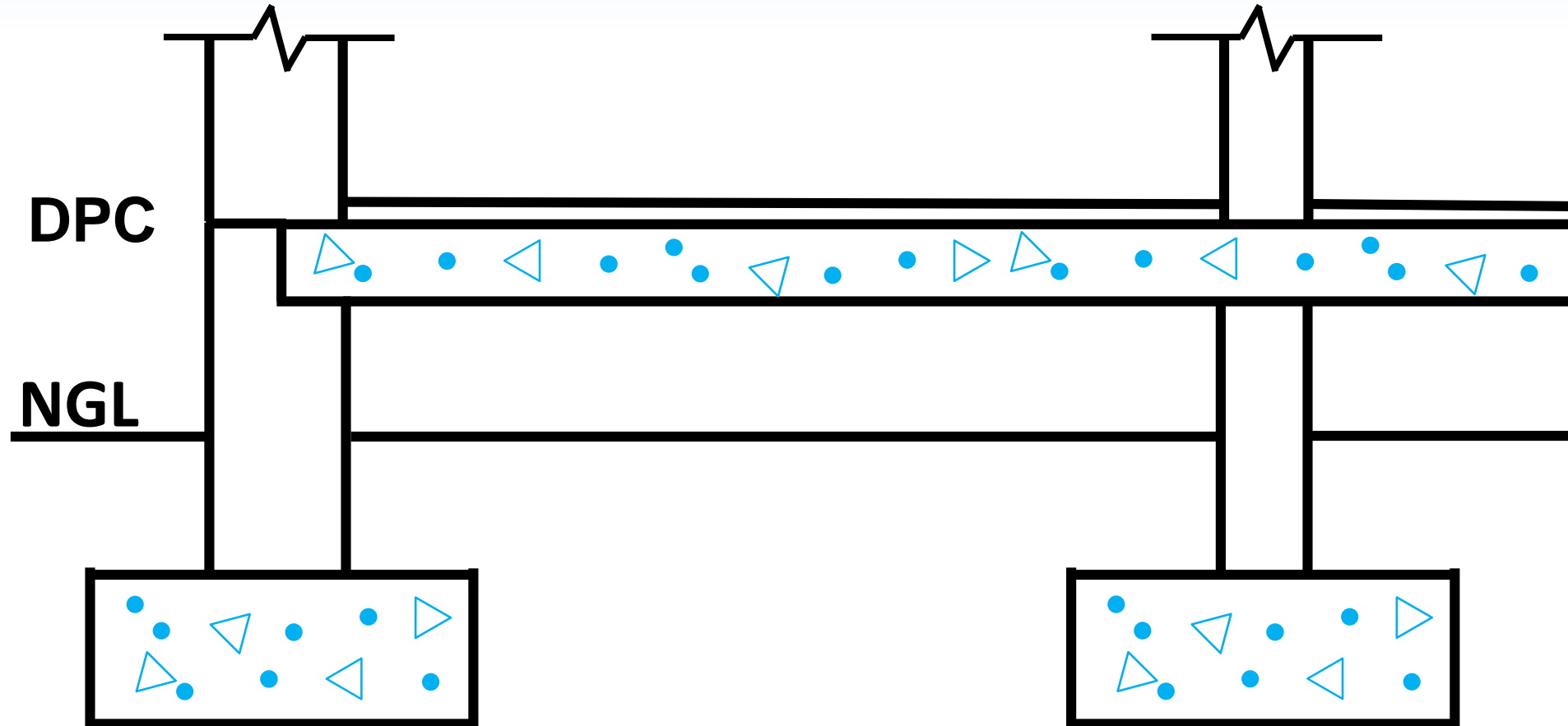
# HATCHING DETAIL

- Hard core or compacted soil



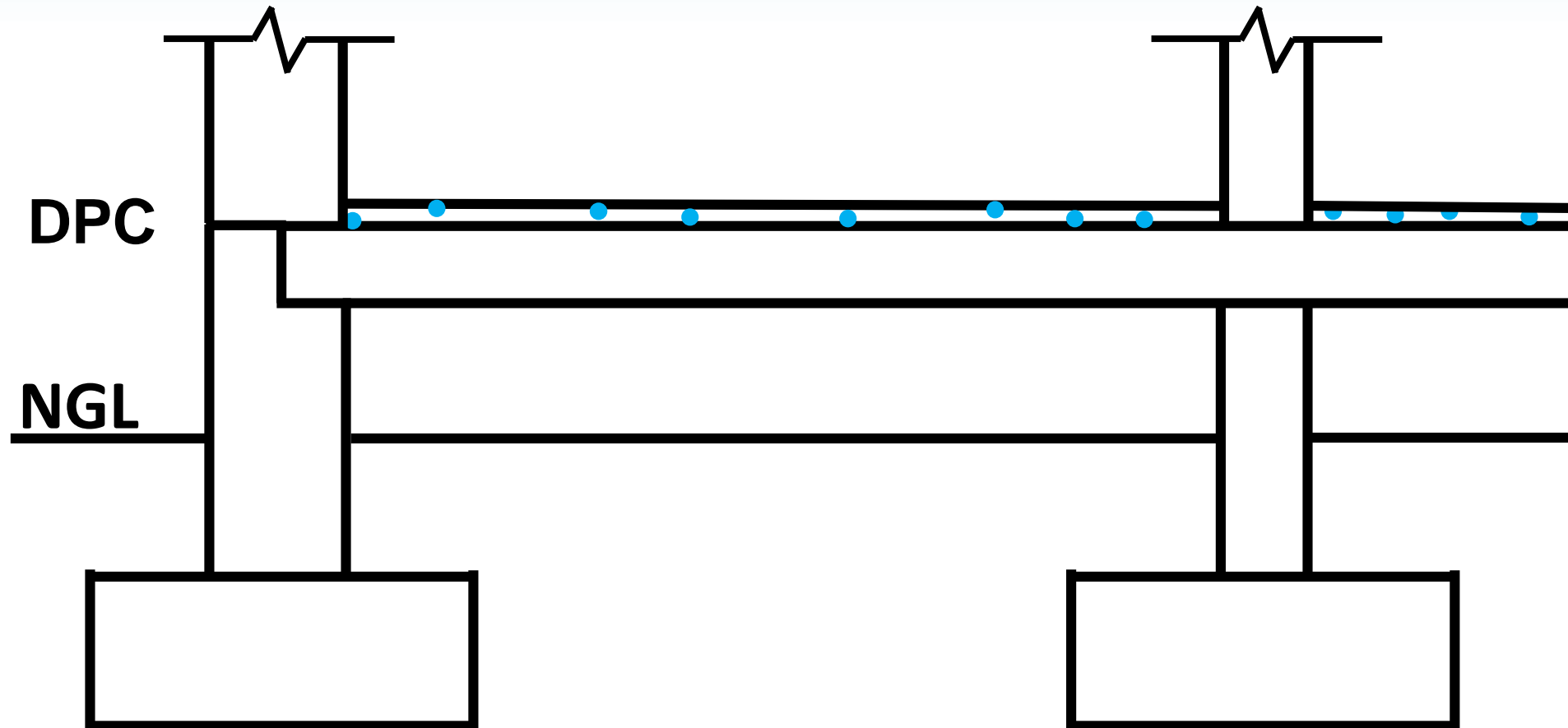
# HATCHING DETAIL

- Concrete



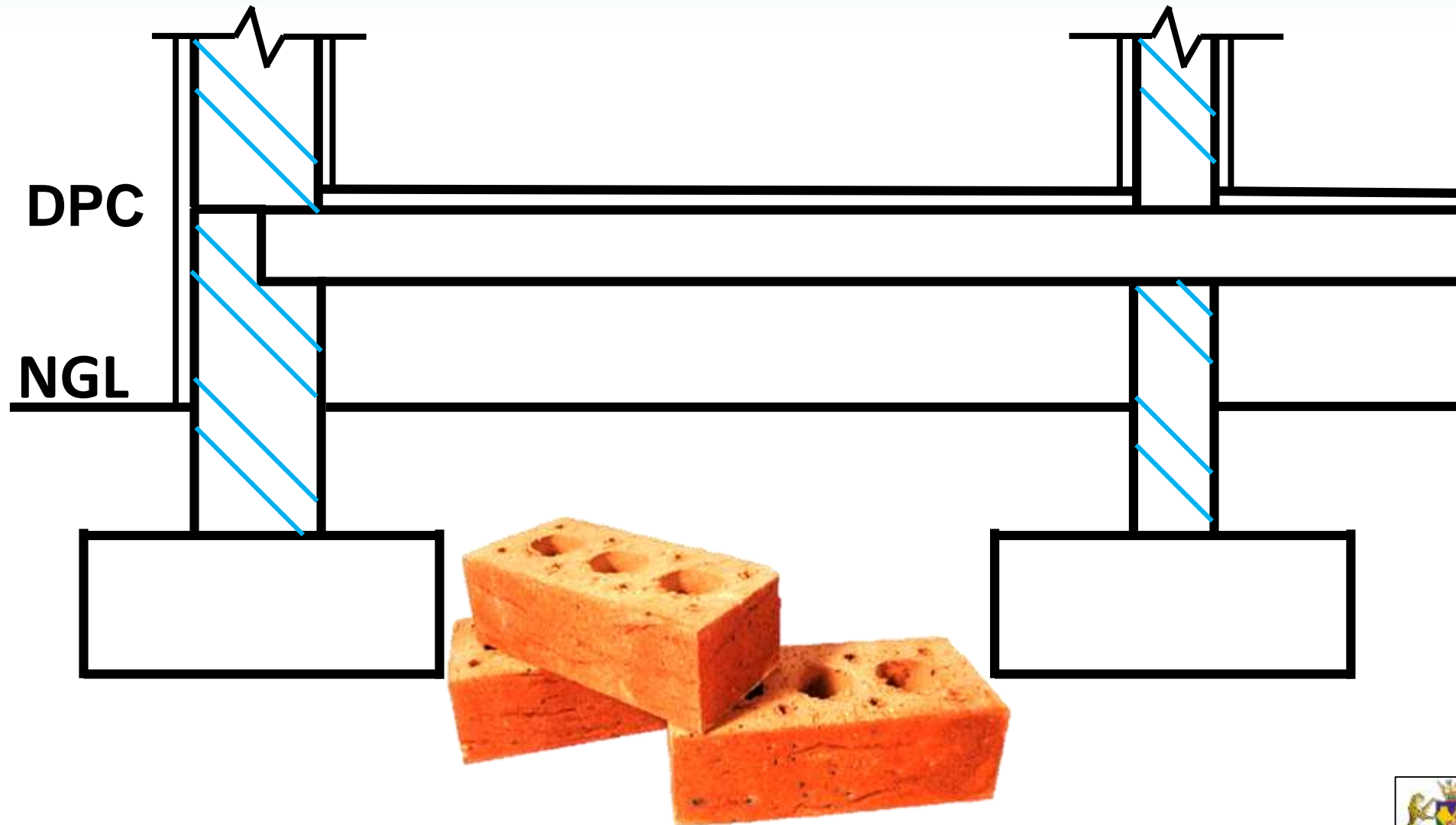
# HATCHING DETAIL

- Cement or screed



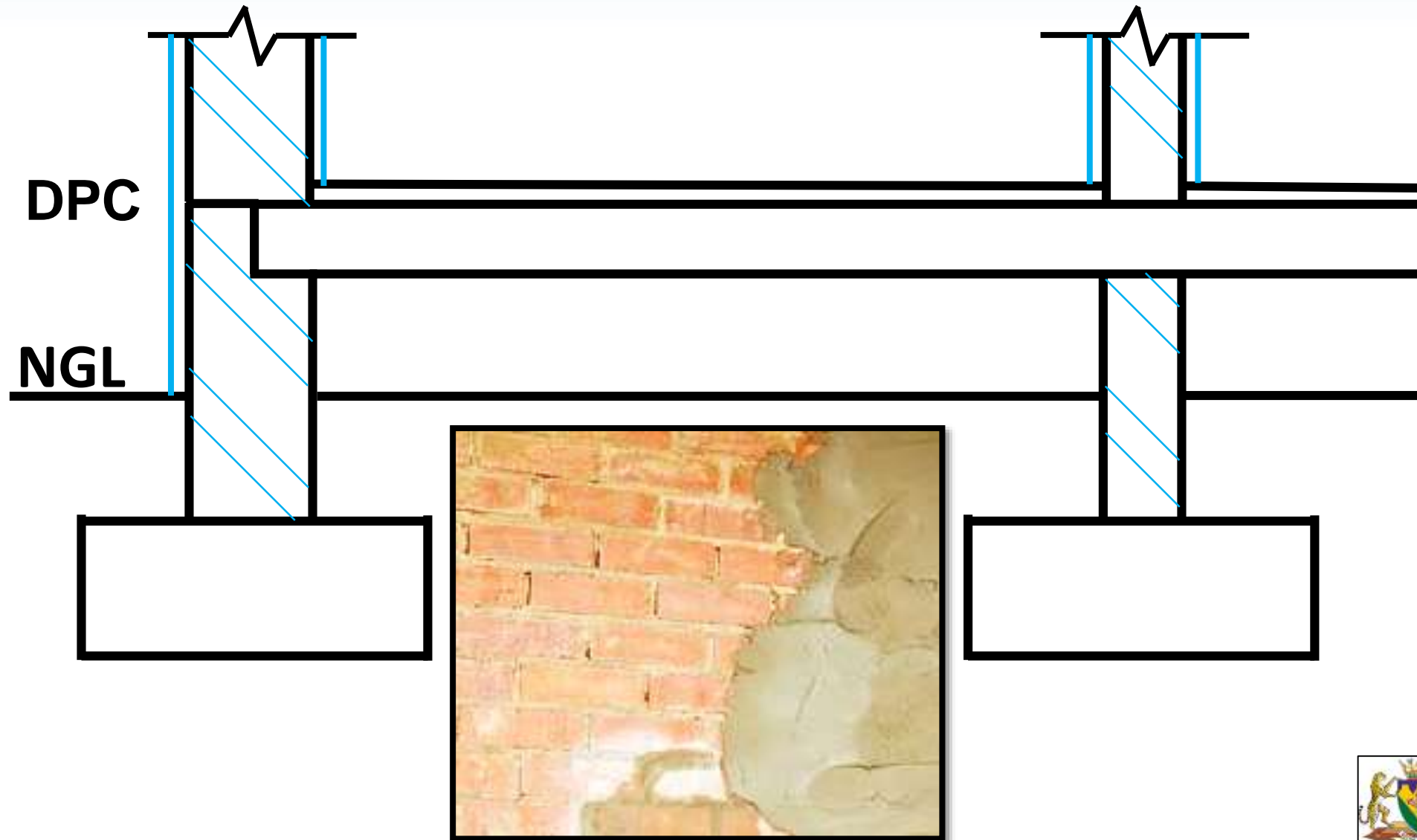
# HATCHING DETAIL

- Common brick



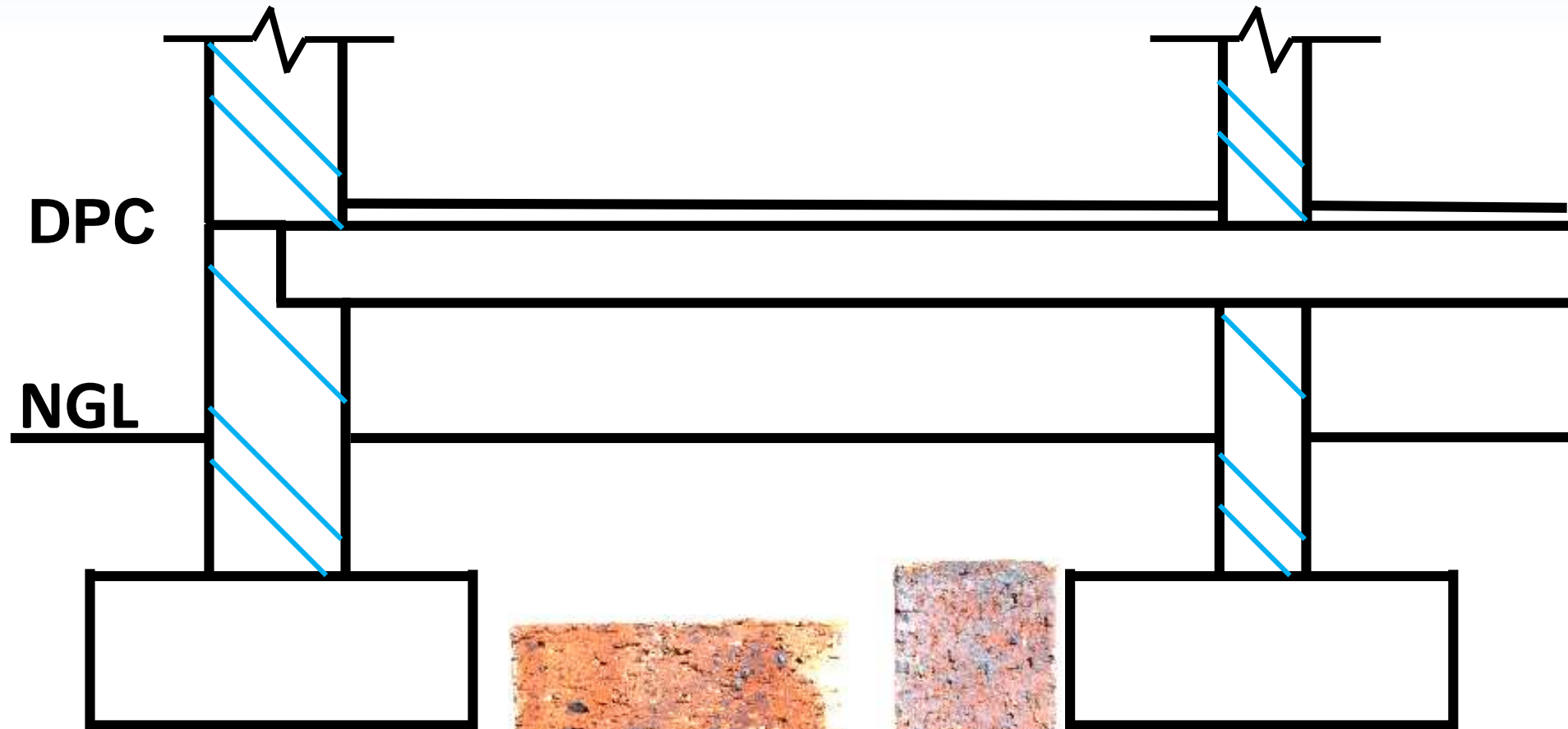
# HATCHING DETAIL

- Common brick must be covered with plaster



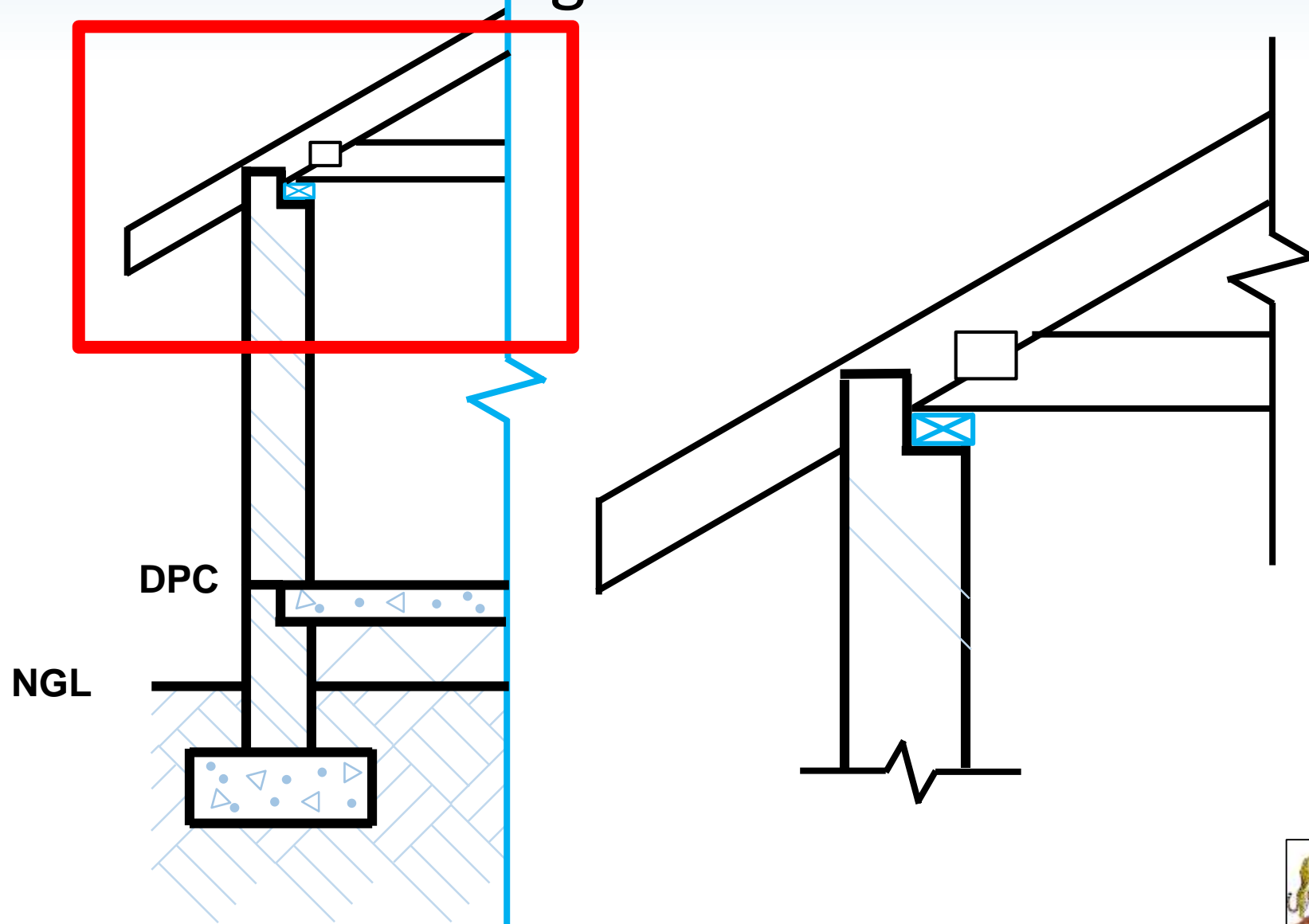
# HATCHING DETAIL

- Face brick



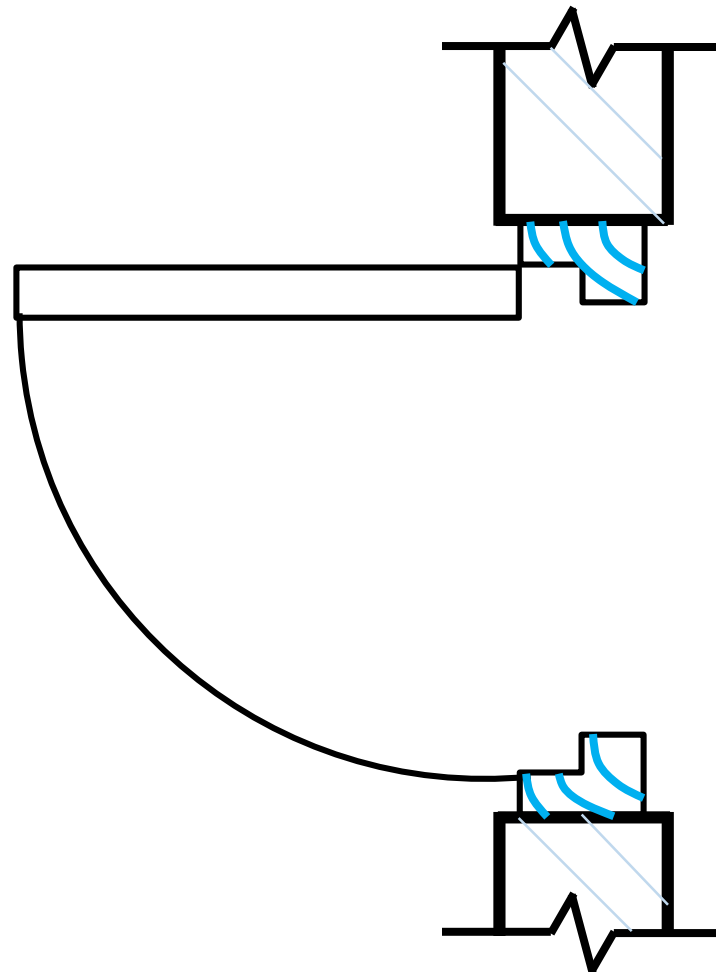
# HATCHING DETAIL

- Rough timber sectioning



# HATCHING DETAIL

- Finished timber sectioning



ARGITEK:  
JC DE WET  
BUS: 1 780,  
GAINSVLEI,  
9338  
TEL NO: 083 437 4224

SACAP REG NO: TO 13631

OPPERVLAKTE VAN ...

ERF: 2 000 m<sup>2</sup>

BESTAANDE WONING: 269,8 m<sup>2</sup>  
WONING AANBOUINGS: 8,4 m<sup>2</sup>  
TOTAAL NUWE WONING: 278 m<sup>2</sup>

SKAAL VAN

VLOERPLAN - 1:100  
AANSIGTE - 1:100  
SNITPLANNE - 1:100  
TERREINPLAN - 1:200

AANBOUING AAN WONING VAN  
MNR & MEV DU PLESSIS

ERF 177,  
12 FRANS VENTERSTRAAT,  
LANGENHOVENPARK,  
BLOEMFONTEIN

HANDTEKENING VAN KLIENT:

DATUM: JANUARIE 2010

GETEKEN DEUR: PC VILJOEN

NAGESIEN DEUR: JC DE WET  
&  
MEDEWERKERS

HANDTEKENING: \_\_\_\_\_

TEKENING NO: \_\_\_\_\_



education

Department of  
Education  
FREE STATE PROVINCE

# HATCHING DETAIL

- Insolation

