

THE CONSTRUCTION INDUSTRY CIVIL DRAWINGS

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

PRESCRIBED CONTENT FOR GRADE 10

- **Annotations**, abbreviations, labels, notes, 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.

RELEVANT ANNOTATIONS (Gothic Printing)

A B C D E F G H I J K L M N

O P Q R S T U V W X Y Z

0 1 2 3 4 5 6 7 8 9

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RELEVANT ABBREVIATIONS

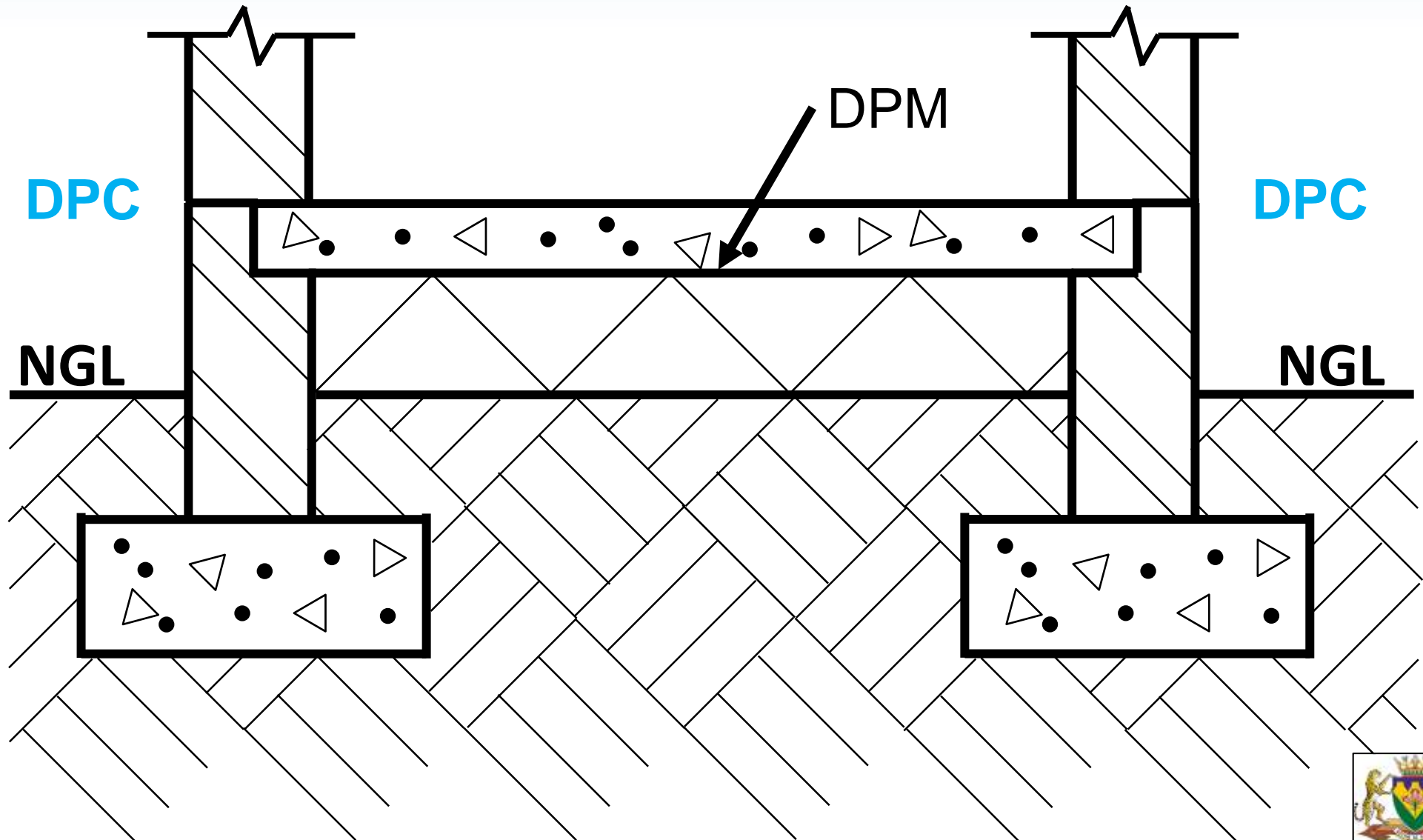
- Abbreviations are:
 - **DPC** = **Damp Proof Course**
 - **FFL** = **Finished Floor Level**
 - **NGL** = **Natural Ground Level**
 - **NTS** = **Not To Scale**

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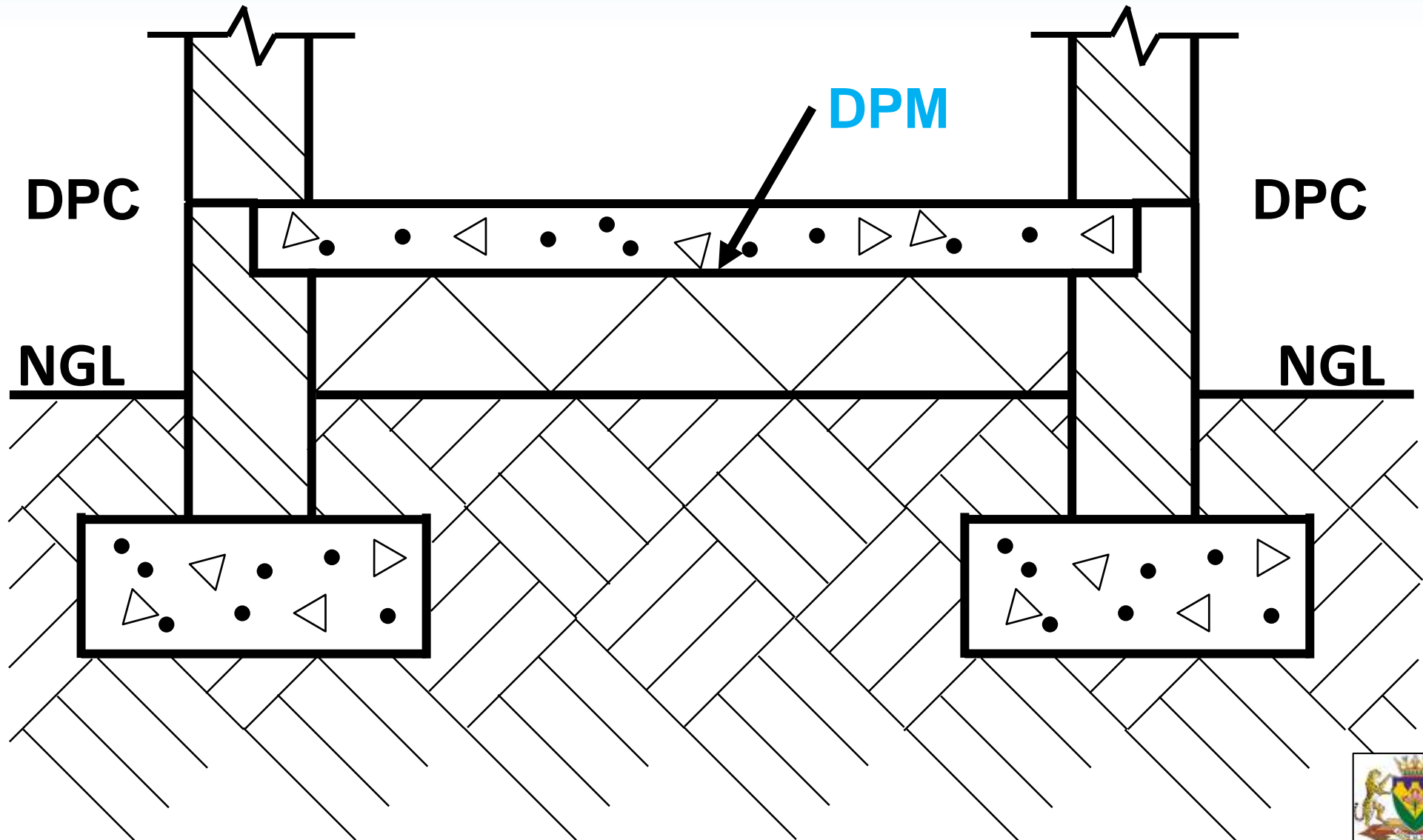
RELEVANT LABELS

(DPC: Damp Proof Course)



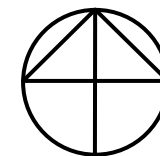
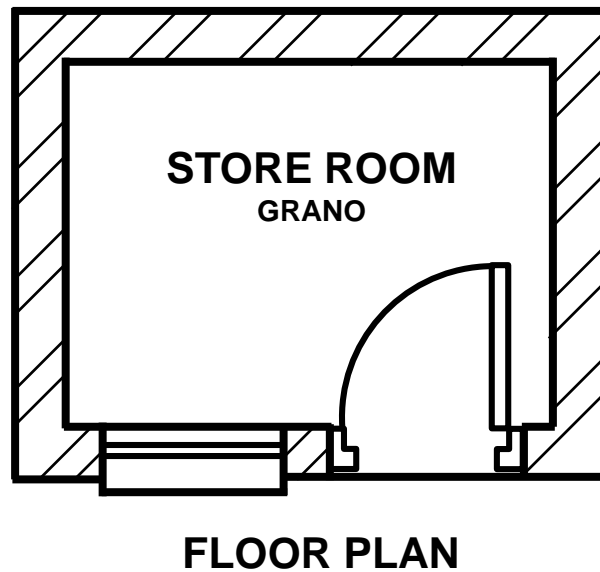
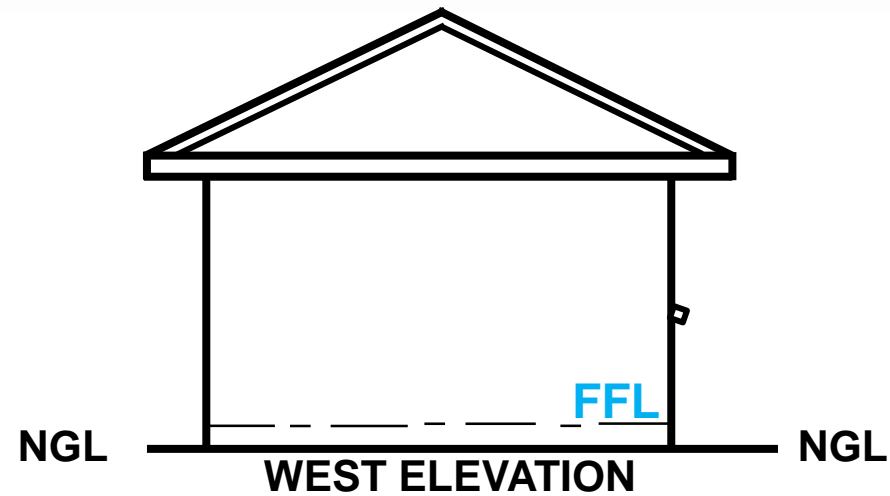
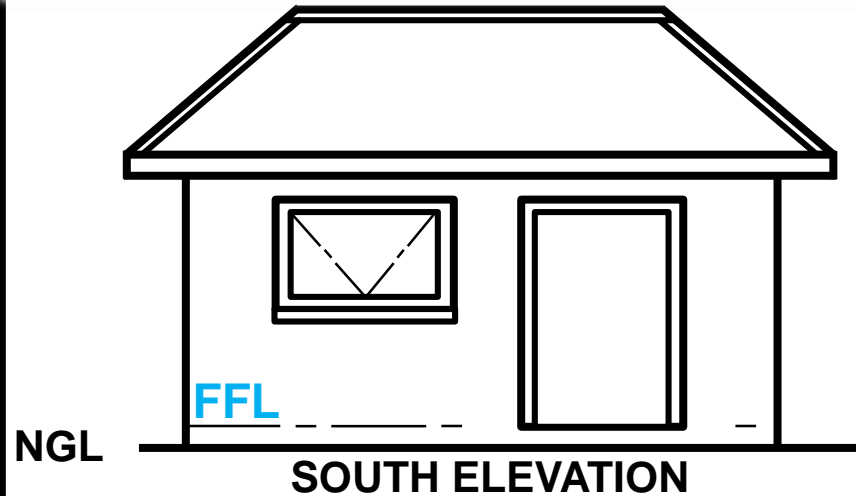
RELEVANT LABELS

(DPC: Damp Proof Membrane)



RELEVANT LABELS

FFL: Finished Floor Level



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

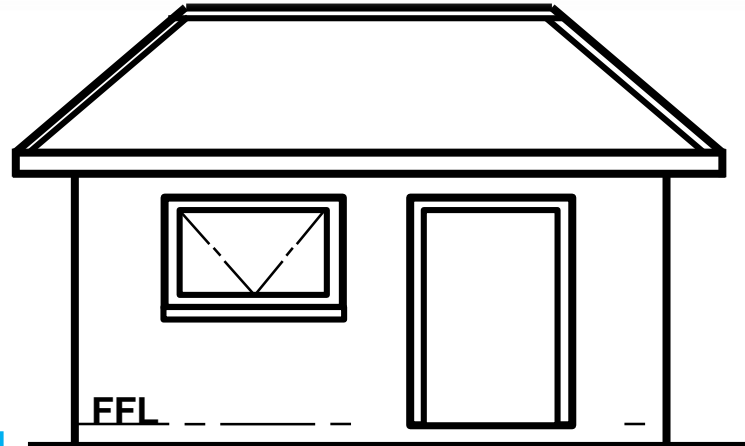
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TEKENING NO: _____



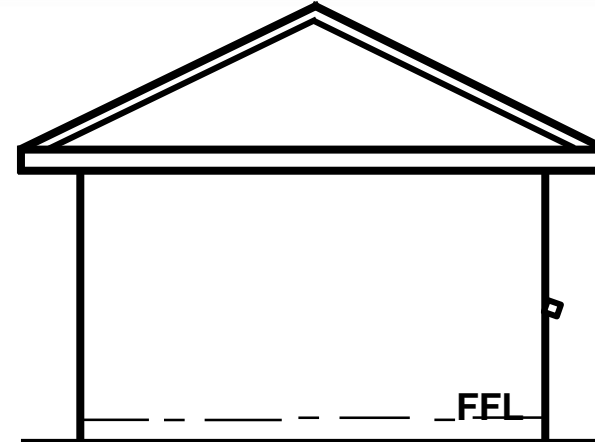
RELEVANT LABELS

(NGL: Natural Ground Level)



NGL

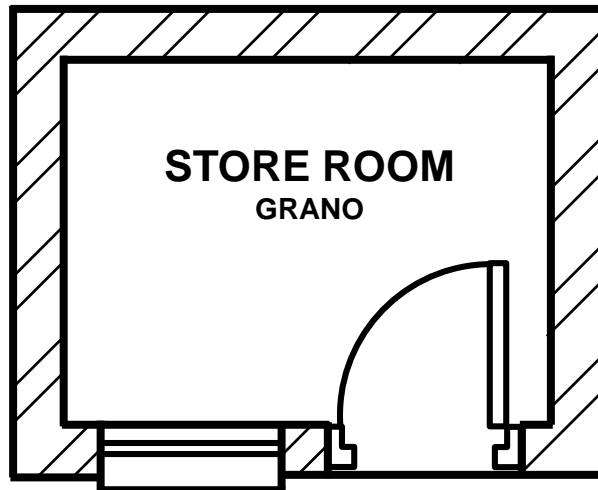
SOUTH ELEVATION



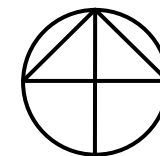
NGL

WEST ELEVATION

NGL



FLOOR PLAN



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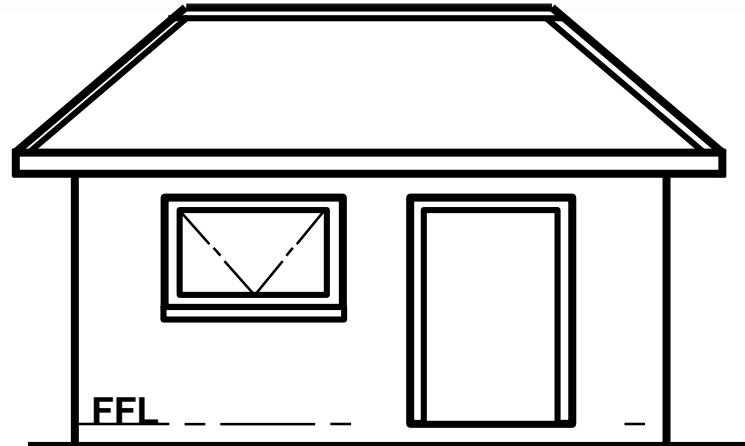
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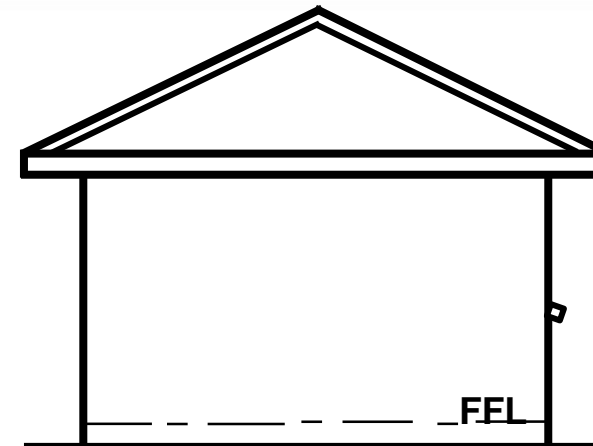


RELEVANT LABELS

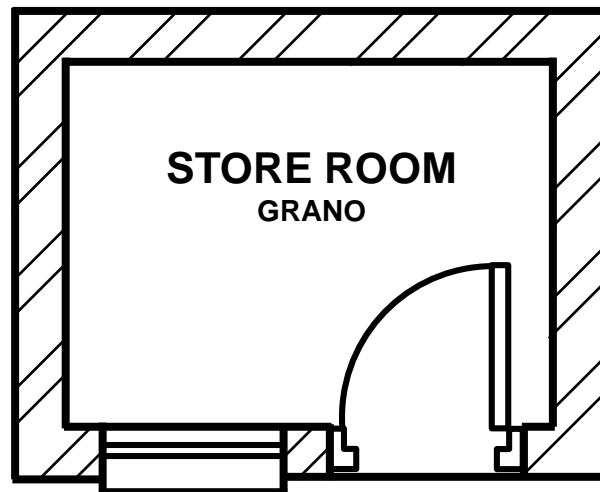
(NTS: Not To Scale)



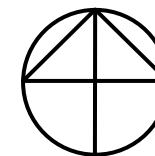
SOUTH ELEVATION



WEST ELEVATION



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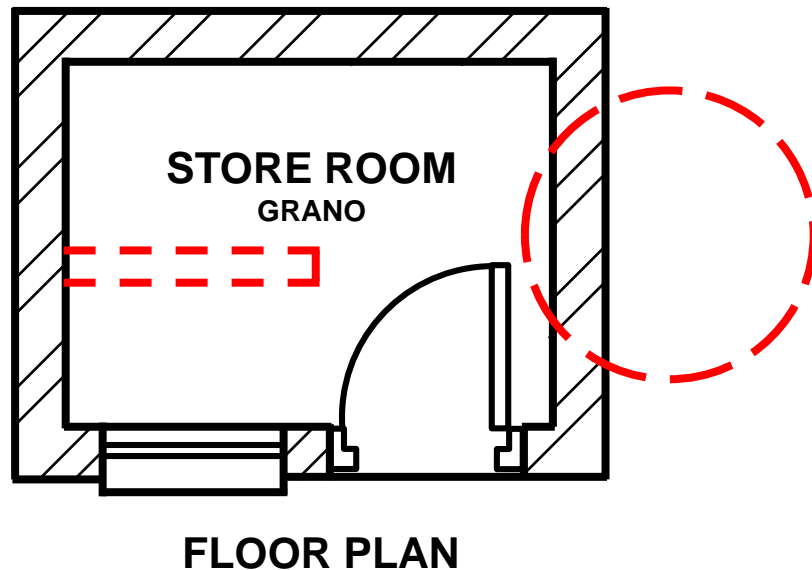
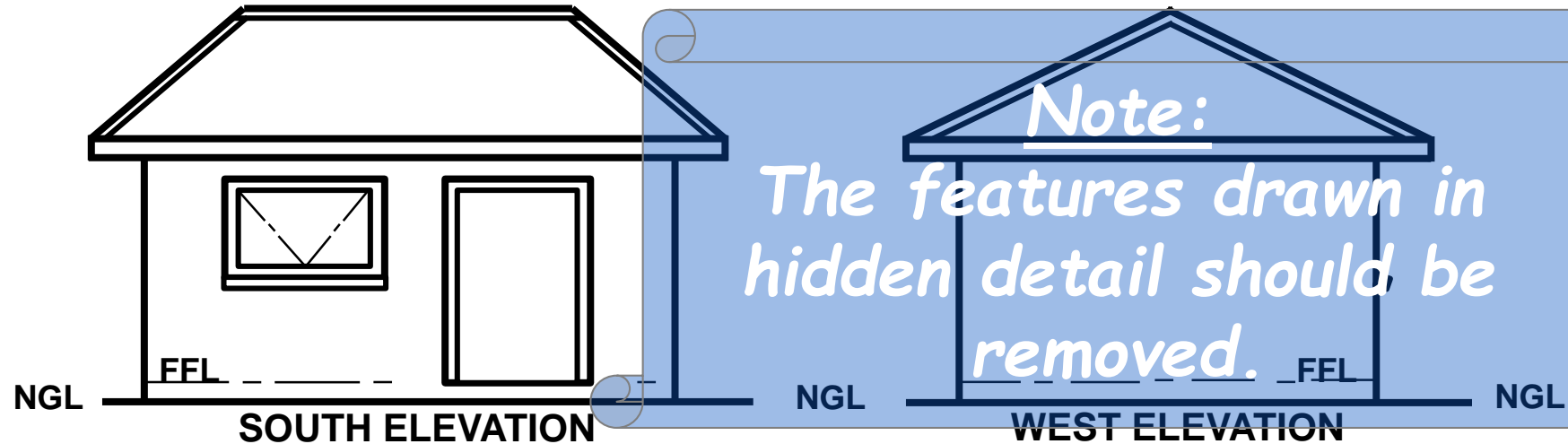
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RELEVANT NOTES

(All features on premises to be removed)



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ERF 177,
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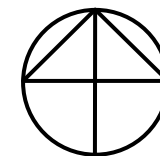
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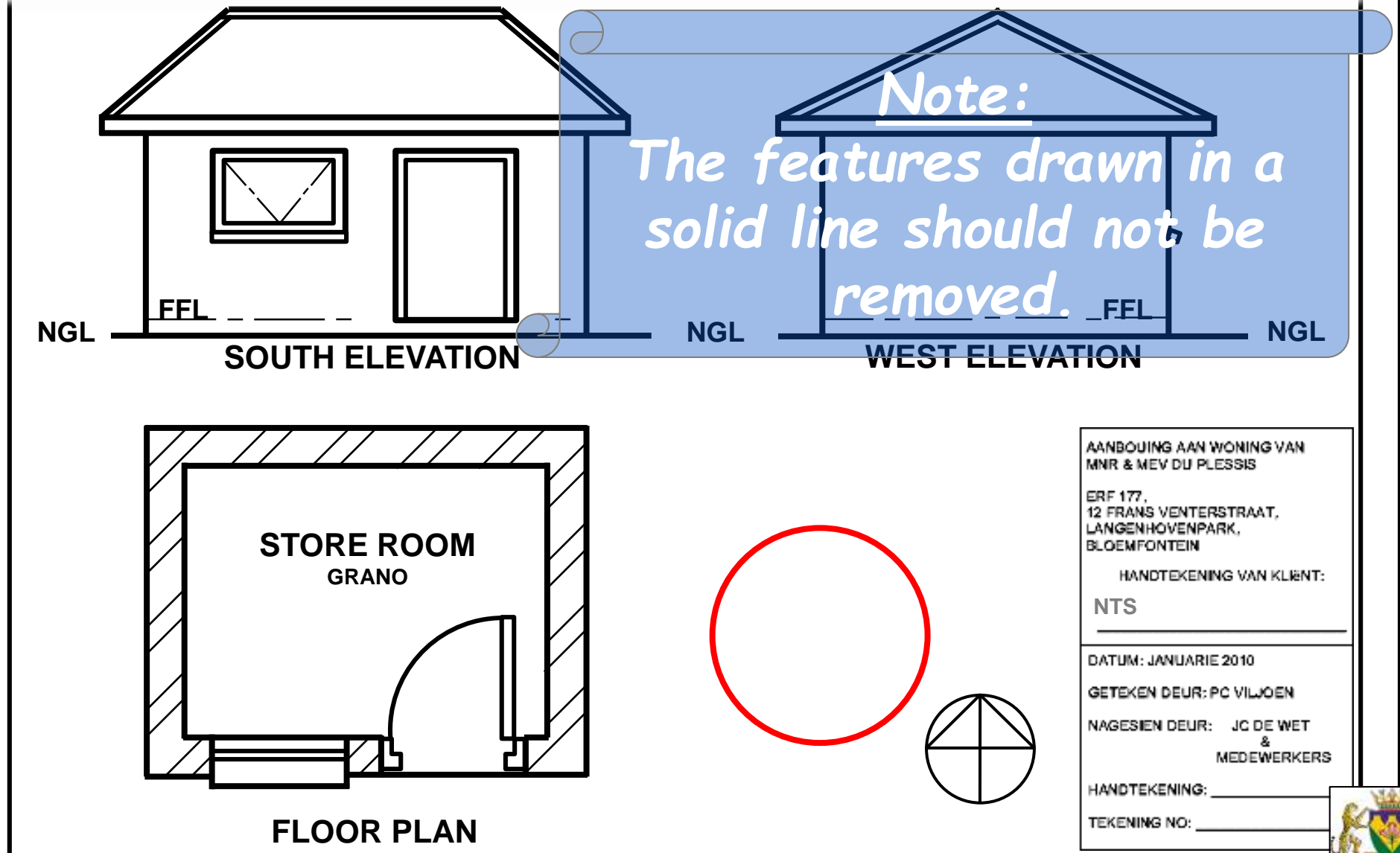
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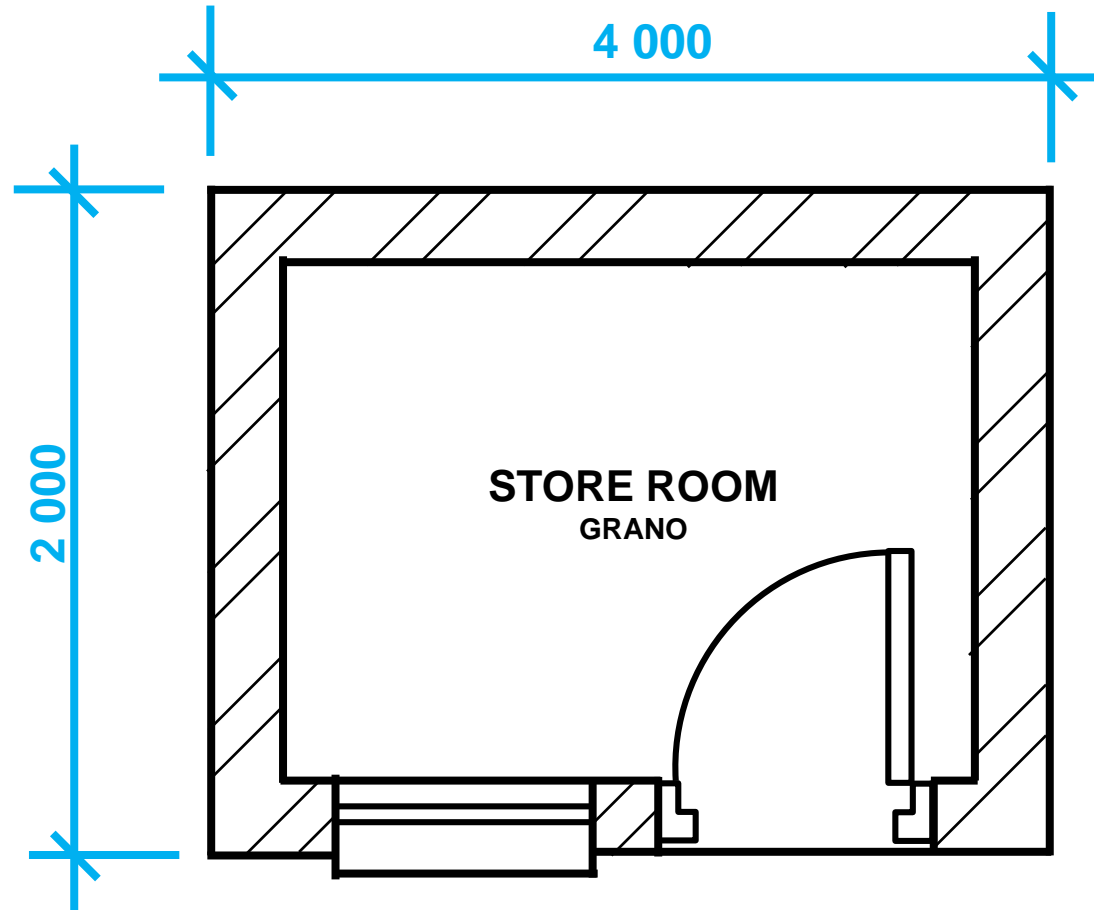
All features in solid lines NOT to be removed



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RELEVANT DIMENSIONING



STORE ROOM
GRANO

FLOOR PLAN

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

SACAP REG NO: TO 13631

OPPERVLAKTE VAN ...

ERF: 2 000 m²

BESTAANDE WONING: 269,8 m²
WONING AANBOUINGS: 8,4 m²
TOTAAL NUWE WONING: 278 m²

SKAAL VAN

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

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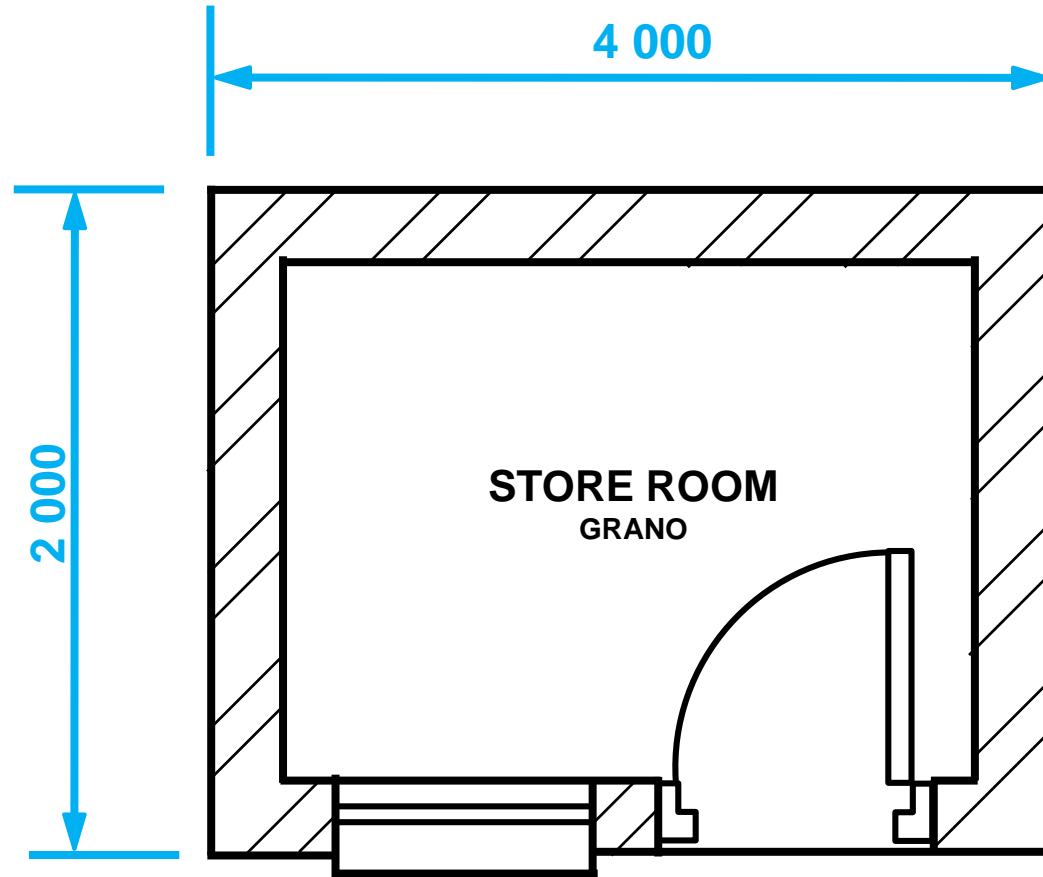
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MEDEWERKERS

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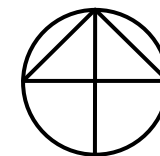


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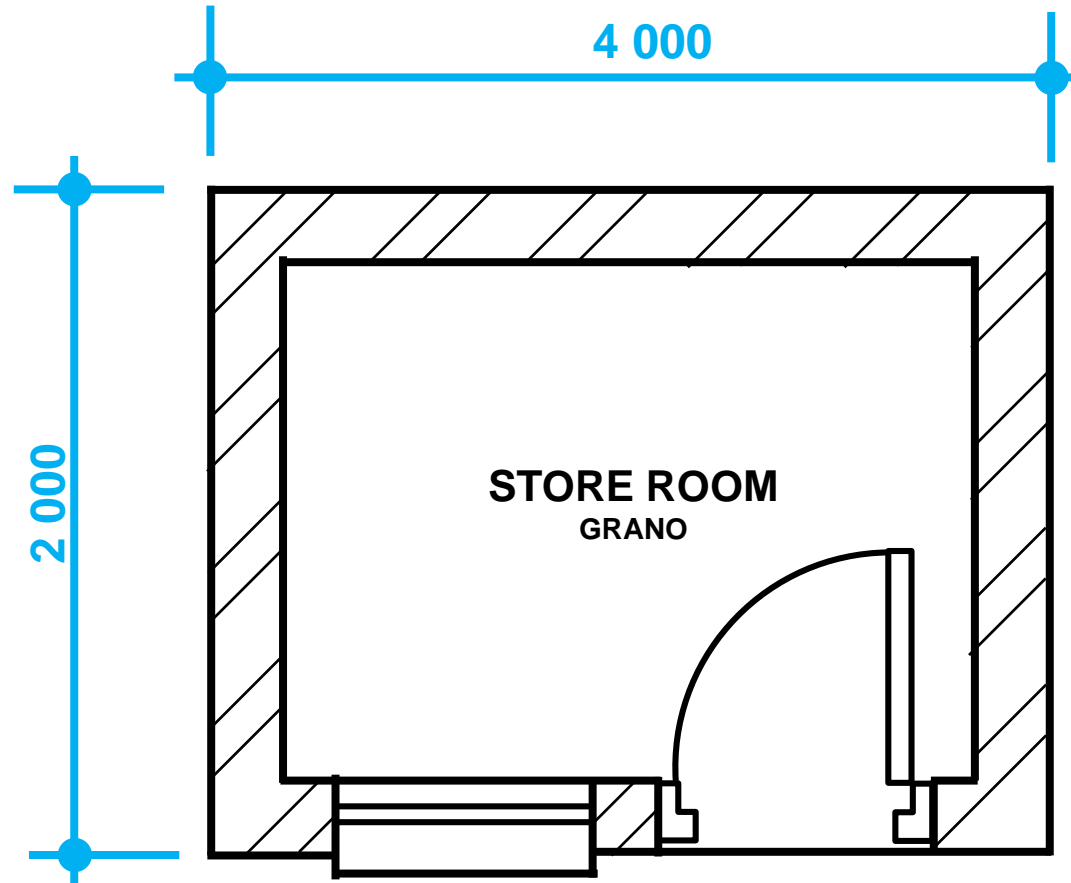
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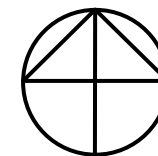


RELEVANT DIMENSIONING



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RELEVANT SCALES

- Scale of layout drawings (e.g. Floor plan, elevations and sectioning):
 - **1:200**
 - **1:100**
 - **1:50**

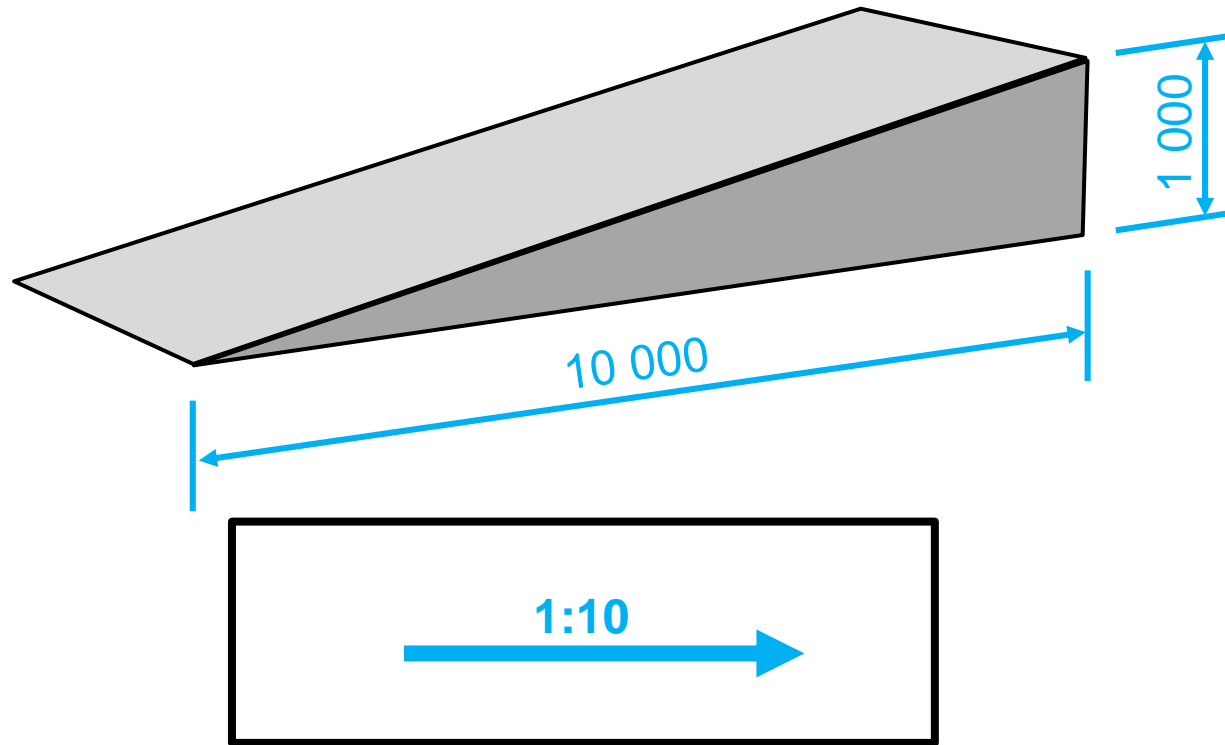
RELEVANT SCALES

- Scale of components:
 - **1:50**
 - **1:20**
 - **1:10**
 - **1:5**
 - **1:2**

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RELEVANT CONVENTIONS (Ramp)



ARROW INDICATES UPWARDS

BAINSVLEI,
9338
TEL NO: 083 437 4224
SACAP REG NO: TO 13631

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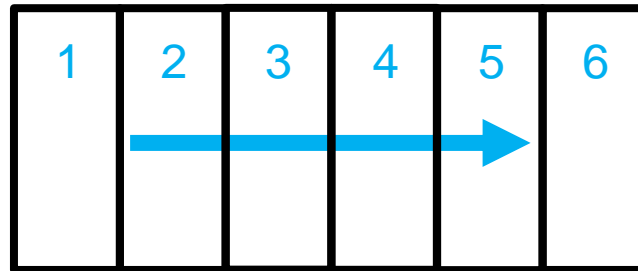
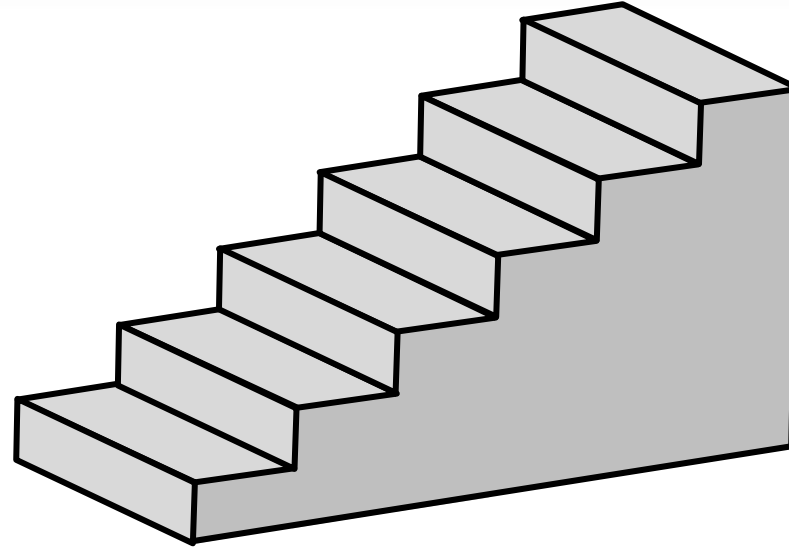
TEKENING NO: _____



education

Department of
Education
FREE STATE PROVINCE

RELEVANT CONVENTIONS (Staircase)



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BAINSVLEI,
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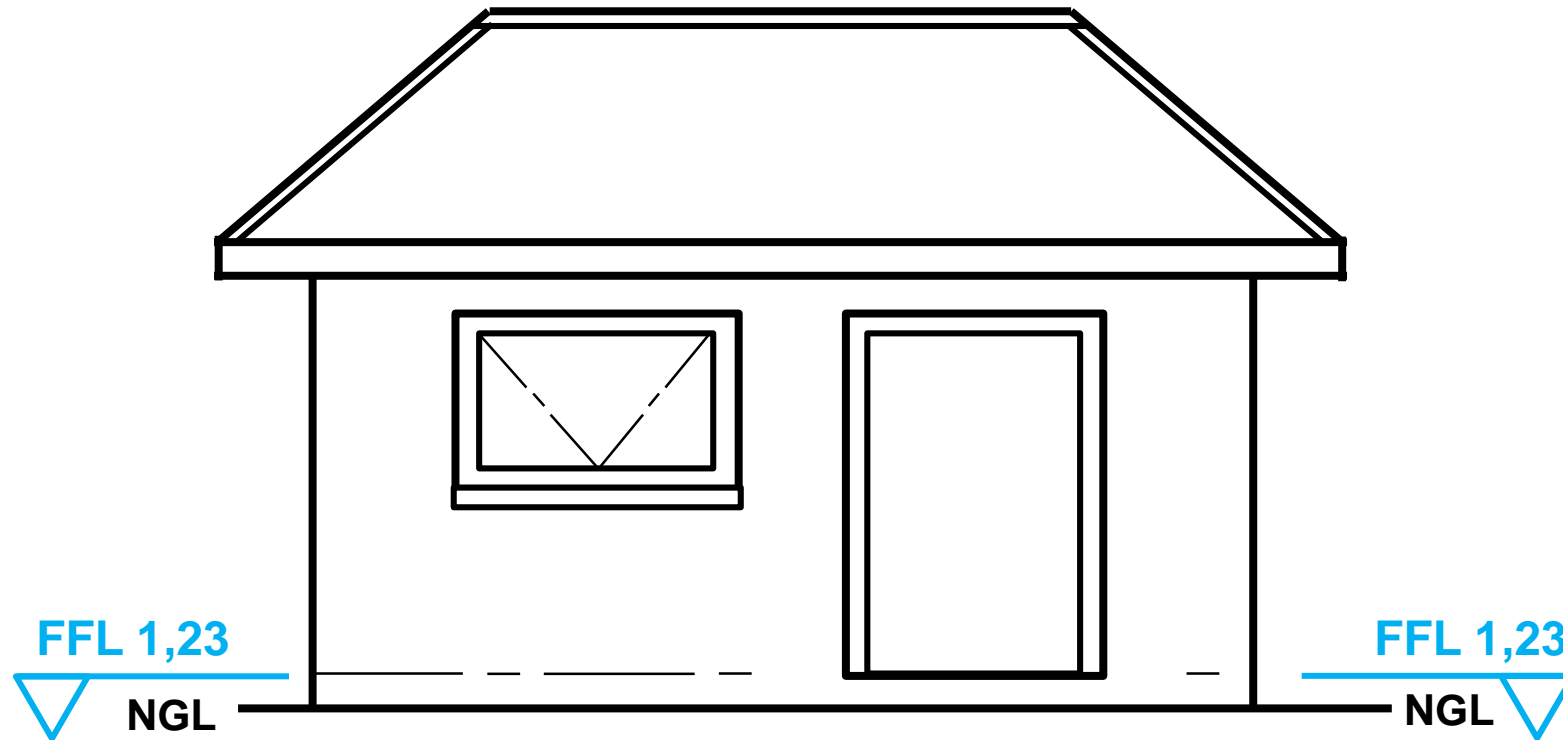


education

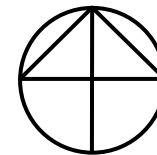
Department of
Education
FREE STATE PROVINCE

RELEVANT CONVENTIONS

FFL: Finished Floor Level)



SOUTH ELEVATION

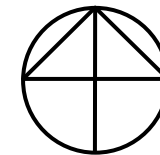
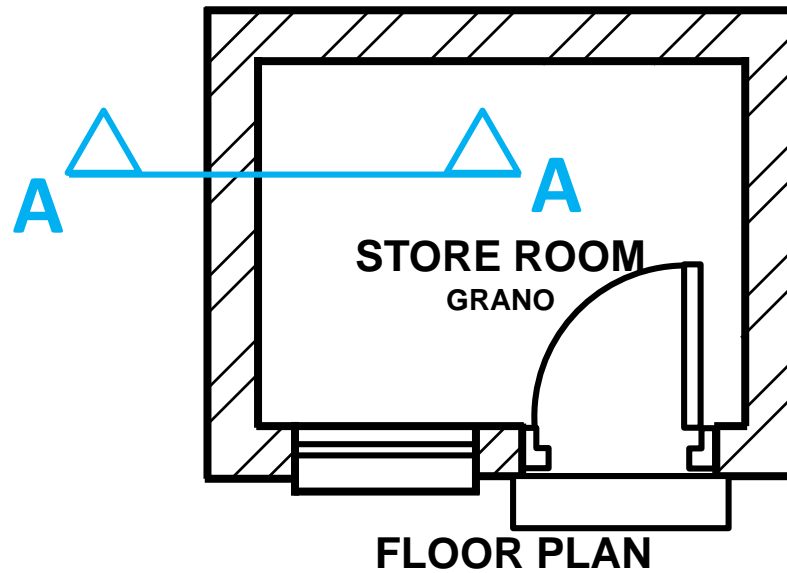
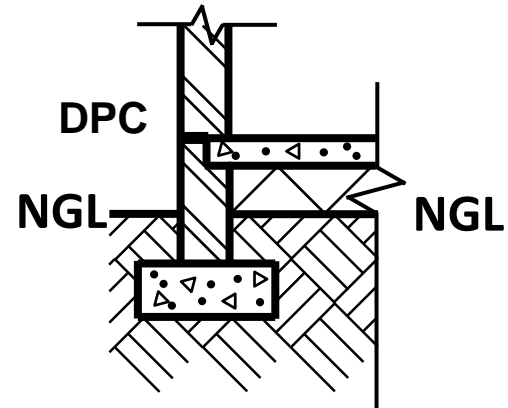


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RELEVANT CONVENTIONS

(Cutting plane)



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