ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK

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REFER TO THE CONTRACT FOR FULL TERMS AND CONDITIONS.

ON ORIGINAL

0 5 10 15 20 25 30 40 50MM

ALGEMENE NOTAS/GENERAL NOTES:

Concrete work to be done according to SABS 0100 Part 2

1. STRENGTH
   Minimum cube compressive strength of concrete at 28 days:
   Structural concrete 25Mpa
   Mass concrete 15Mpa

2. AGGREGATE SIZE
   Maximum aggregate size in:
   Structural concrete 19mm
   Mass concrete 38mm

3. CASTING OF CONCRETE
   No concrete is to be cast without prior inspection and written consent from the Engineer. The contractor is to take 3 test cubes per structural pour, cure and deliver to the Engineer for testing at 7 days.

4. REINFORCEMENT
   Reinforcement according to SABS 920

5. REMOVAL OF FORMWORK
   Slabs 14 days
   Beams 21 days
   Columns and walls 3 days

6. CONCRETE COVER
   Cover of concrete reinforcement is:
   Slabs 50 mm
   Beams 40 mm
   Columns and walls 40 mm
   Foundation footings 50 mm

7. DIMENSIONS
   No dimensions are to be scaled from the drawings. The contractor shall report any discrepancy immediately to the engineer before construction commences.

8. BACKFILLING
   All backfilling and compaction to be done to the engineer's approval.

9. Blinding layers to be mass concrete.

MASONRY CONSTRUCTION

1. All load bearing brick walls to have a compressive strength of not less than 10MPa laid on a class 1 mortar with a 28 day compressive strength of 5MPa as specified in SABS 0164 Part 1-1987 (Code of practice for masonry)

2. BRICKFORCE:
   Minimum diameter of brickforce = 2.8mm
   Yield strength = 485MPa
   Minimum lap length = 400mm

3. Brickforce to be placed in the first five layers of brickwork on strip footings, there after in every fifth layer in all load bearing brick walls. Place brickforce in the first five layers above all window and door openings.

4. Place 10mm softboard on top of all non-bearing walls.

5. Two layers of hardboard with grease in between to be placed on top of all load bearing brick work before concrete is placed.

6. Load bearing brick walls are shown as follows:

7. Place crimped galvanized mild steel wall ties at a rate of 5 per m2 in all 280mm walls together with brickforce for 115mm walls.

8. Build in 2 x 100mm wide pre-stressed concrete lintels over all door and window openings unless otherwise indicated.

Note:
Building of internal walls on first floor to commence after removal of formwork.

Revisions

CLIENT:
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ERF 4162

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Prepared by	Checked by	Reviewed by
SM	SM	

Project: PROPOSED HOUSING DEVELOPMENT

Detail: PLATFORM SECTIONS

Scale:	Date:
1:200	27/10/2025

Project No.	Dwg. No.	Rev.
TK 1738	/ 04 /	R0