



PLEASE READ THOROUGHLY!!!

CONCRETE NOTES:

(C1) Binding concrete to be placed below all pile caps, ground beams, and footings shall be a minimum of 100mm thick.

(C2) Concrete mix design to SANS 10100. Design loads from SANS 10160 and Client's specification.

(C3) Concrete to be delivered to Engineer for approval prior to commencement of work. Only Engineer-approved admixtures to be used.

(C4) Footings designed for a bearing pressure of 80kPa. Refer to DRENAM, MAUD (PTY) LTD Report Ref. 22649.

(C5) All concrete to have a minimum compressive strength of 28 days as follows:

- Foundations: 15 MPa / 25mm
- Bindings: 50 MPa / 25mm
- Columns: 30 MPa / 19mm
- Surface Slabs: 25 MPa / 19mm
- Suspended Slab & Beams: 30 MPa / 19mm

(C6) Concrete cover to main reinforcement:

- Foundations: 50 mm
- Columns: 30 mm
- Surface Slabs: 50 mm
- Suspended Slab & Beams: 30 mm

(C7) All concrete work, including formwork stripping times and propping, to SANS 10058.

(C8) Formwork classification:

- Smooth surfaces: Rough
- Exposed faces (unless otherwise shown):
 - Smooth (off-shutter) to Grade 4 tolerances.
 - Exposed surfaces (where specified) by casting.
- Exposed surface to SANS 2001-C11: 4.3.1.8 Table 1.
- Degree of curvature Table 1.

(C9) All sharp edges to concrete to have 25mm chamfers.

(C10) Uniform surface finishes as follows:

- Surface Slabs: Power-floated
- Suspended Slabs: Power-floated

(C11) All services and sleeves to be positioned prior to concrete pour. No in situ concrete to be cast without prior approval from the Engineer.

(C12) Details of all construction joints and interfaces to be shown in drawings are to be discussed with and approved by the Engineer.

REFER TO DRAWING 3119-S20 - GENERAL NOTES

IF IN DOUBT, ASK!!!

HEALTH DEPARTMENT SIGNATURES	
DEPUTY DIRECTOR GENERAL:	_____
HEAD OFFICE PROGRAMME / SERVICE:	_____
DISTRICT MANAGER:	_____
CEO MANAGER OF THE FACILITY:	_____
DOH PROJECT MANAGER:	_____

NAME **S. Boyce (Pr. Eng. 20160768)**

Signature Date 04/02/2025

Consultant

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GEOTECHNICAL ENGINEERS & ENGINEERING GEOLOGISTS

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health
Department:
Health
PROVINCE OF KWAZULU-NATAL



SOUTHERN REGION	
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Project

DEPARTMENT OF HEALTH
PORT SHEPSTONE HOSPITAL
NEW PSYCHIATRIC WARD

STAIR 3 & 4, RAMP 1
LAYOUT & SECTIONS

Drawn D.J.P.	Date June 2024
Scale/s	As shown

Consultant Drawing number 31319-S18 SH 2 OF 2	Rev. C0
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