



**NOTES**

**Foundations**

A1. Strip foundations - for load bearing walls: min 700 x 250mm 25 MPA reinforced concrete.

- for non load bearing walls: min 450x250mm 25 MPA reinforced concrete, or 400x200mm thickening in slab

Note: Engineer shall design all foundations. Engineer to be consulted before construction.

A2. Filling approved hard-core filling compacted in layers of Max 150 mm filling to be treated

with SABS approved insecticide and weedkiller to comply with SABS 1164 and 1165 (Ref.3.4 in gen spec)

**Surface beds and floors:**

B1. Surface bed- 85 mm thick 25 Mpa concrete surface bed with ref 193 mesh on one layer of Gundle® APIA.T USB

Green 250pm damp proof membrane under concrete surface beds conforming to SANS 952-1:2011(see 5.1 in gen. spec.)

B2. Screed and floor finish: steel trowel power floated 1:4 cement sand screed. Thickness of screed 30 mm

B3. Screed and floor finish- ceramic tiles on 1:4 cement sand screed to total thickness of 30 mm

B4. Apron- 1000 mm wide 15 Mpa concrete apron with wood float finish apron to be cast in length of max 3 m to have a 1:100 fall away from the building

**Skirtings**

C1. Skirting- 100 mm high ceramics tiles to match floor tiles, fixing, adhesive and grouting acc to 19.1 in gen. spec.

**Walls**

D1 External walls approved face brick walls in stretcherbond to receive 10 mm wide x 6 mm deep square recessed joint in both directions

D2. Brick force-BRC to 230 and 115 Walls, Foundations walls- Every course, Superstructure every third course.

Over openings formed in brickwork- Every course for four courses extending 500 mm beyond opening in both directions ref 6.2 of gen. spec

D3. 228x76mm SAP beam to be built in and tied down to face brick columns with 2.5 mm galvanised wire ties. Beam to be creosote treated prior to being built in

D4. Lintel and facebrick roller course- lintels over all windows and door openings, brick work to receive 10x6mm square recessed joints

D5. DPC- Gundle APIA.T brickgrip DPC 375pm damp proof course conforming to SANS 952-1:2011 at Floor level&under all external window sills.

D6. Internal walls- approved Stockbrick walls in stretcher Bond to receive 12 mm cement sand plaster (gen.spec. 12.1) and dulux rockgrip Soft velvet (Color to be selected)

D7. Wall tiles- Tile Africa or similar light grey ceramic floor tiles (code: 1009-1000) with 4 PEI rating, size 300x300x9mm thick.

**Window sills**

E1. Internal window sill - Everite nutec window Internal sill size window with x 175mm x 15 mm thick (code: 013-517)

Dulux Rockgrip universal gloss enamel (gen.spec.7.5)

E2. External window sill- Approved face brick on edge to match walls joints to be square and recessed.

**Ceiling and cornice**

F1. Cornice- Orac Decor Basixx Durofoam polyurethane (or similar approved) cornice moulding,overall size 70x70mm fixed to surface with Decofix Pro (gen.spec.13.5) painted like ceiling

F2. Ceiling- Everite Nutec 6mm thick plain ceiling boards, manufactured in accordance with SANS 9001:2000 carrying SANS 803:2005 provide galvanised H-profile jointing strips to be pre-painted, Deluxe acrylic PVA modified acrylic paint (colour to be selected) to interior fibre cement surfaces.(gen.spec.13)

**Roof and fascia:**

G1. Roof sheeting-to match existing roofs fixed to timber purlins at 1200 mm centres "MI-TEK" or similar approved pre-fabricated roof truss system.

G2. Ridge capping- standard factory manufactured ridges and flashings in finish to match roof coverings

G3. Fascia- Everite medium density plain, ungrooved nutec fascia boards (code:041-202) size 225x12mm, fixed to 38x38mm filter batten and 38x38mm support battens (gen.spec.9.1) Deluxe rockgrip soft velvet

G4. Truss system- timber patent and approved prefabricated system at 1100 mm c/c. Purlins- 50 x 76 mm on 1200c/c All SA pine (see item 9 in gen.spec)

Wallplate- 114 x 38 mm SA pine to be creosote treated before fixing. Certificate and guarantee for design and erection to be supplied by truss manufacturer. All exposed timber sections as well as sections in contact with wet trades to be creosote treated before fixing into position, truss to be secured to walls at wall plate with 2.5 mm galv steel wire ties, built into walls min 6 brick courses

G5. 15mm thick roof insulation sheeting blanket under tiles

**GENERAL NOTES**

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DISCREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED, SCALING OF DRAWINGS IS NOT ADVISABLE.

ALL RIGHTS RESERVED, NO PART OF THIS DESIGN SHALL BE REPRODUCED, USED ELSEWHERE AND / OR IN ANY WAY WITHOUT PRIOR PERMISSION FROM THE ARCHITECT / ENGINEER.

**GEO TECH INFORMATION**

SOIL TYPE: \_\_\_\_\_

ASSUMED SOIL BEARING CAPACITY : \_\_\_\_\_ kPa

RECOMMENDED FOUNDATION TYPE: \_\_\_\_\_

RECOMMENDED FOUNDATION DEPTH : \_\_\_\_\_

REV. NO.	DATE	DESCRIPTION

**DBSA** \_\_\_\_\_ Signature

Architect \_\_\_\_\_

OHS \_\_\_\_\_

**NWDOE** \_\_\_\_\_ Signature

**MUNICIPAL APPROVAL**

NAME : \_\_\_\_\_

SIGNATURE : \_\_\_\_\_ DATE : \_\_\_\_\_

**STAMPS :**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PRINCIPAL AGENT**

**PROJECTNEERS**

PROJECTNEERS CONSULTING ENGINEERS & PROJECT MANAGERS

BUILDING 2, 1ST FLOOR, THORNHILL OFFICE PARK  
94 BEKKER ROAD, MIDRAND, 1685  
+27 11 043 1307

technical@projectneers.com  
www.projectneers.com

COMPETENT CONTACT PERSON : CONT. No. : 078 519 4077  
BRIGHTON FIRM REG. No. : 2014/035628/07

**education**

Lefapha la Thuto la Bokone Bophirima  
Hoors-Wes Department van Onderwys  
North West Department of Education  
**NORTH WEST PROVINCE**

**NORTH-WEST DEPARTMENT OF EDUCATION**

**DISCIPLINE**

**ARCHITECTURAL**

**PROJECT STATUS**

STAGE 1-3 STAGE 4 STAGE 5-6

CONCEPT TENDER ☒ CONSTRUCTION

DESCRIPTION ADMINISTRATION BLOCK SCALE : AS SHOWN

**DRAWN :** NAME OF COMPETENT PERSON : FRANK

**CHECKED :** NAME OF COMPETENT PERSON : NIKILE

REG No : PAT20779 SIGNATURE

REG No : PrArch24750099 SIGNATURE

**PROJECT NUMBER** RFP268-2019

**DATE :** 18/10/2021

**DWG No :** 2020\_2003

**DBSA GPS\_ARCH\_** A2003\_R00

**OCCUPANCY CLASSIFICATION** A3-PLACE OF INSTRUCTION

**REV No :** R00

<b>SANS 10400 &amp; XA COMPLIANCE</b> CONDUCTANCE Rational Des Standard Cal <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> SOLAR HEAT GAIN Rational Des Standard Cal <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> GEOGRAPHICAL ZONE NBRs COMPLIANCE <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> SITE PLAN <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER DRAWINGS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				<b>OTHER APPROVALS</b> Environmental Impact Assessment (EIA) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> South African Heritage Resources Agency (SAHRA) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Department of Water and Sanitation (DWS) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> South African National Roads Agency (SANRAL) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				<b>WATER SUPPLIER</b> MUNICIPALITY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> BOREHOLE <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> TANKS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER STORE <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				<b>SANITATION / SEWER</b> MUNICIPALITY <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> SEPTIC TANKS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> PIT LATRINES <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				<b>SITE INFORMATION</b> ERF No. : PORTION 85 OF PORTION 4 OF THE FARM KLIPGAT No. 249-JQ COVERAGE : 15% VILLAGE NAME : PHASHA VILLAGE DISTRICT : BOJANALA COORDINATES : S 25°26'32.06" E 27°58'43.85"				<b>STAGES</b> SIPDM SACAP Mark with X 0 1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9				<b>PROJECT TEAM</b> <table border="1"> <tr> <th>COMPETENT CONTACT PERSON</th> <th>CONTACT No.</th> <th>REGISTRATION No.</th> <th>COMPANY NAME</th> <th>SIGNATURE</th> </tr> <tr> <td>ARCHITECT NIKILE KEITH MPOFU</td> <td>076 635 4630</td> <td>PrArch24750099</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>Q. SURVEYOR TASARA GWENHURE</td> <td>076 553 0634</td> <td>SACQSP 4457</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>STRUCT. ENG BRIGHTON TSHUMA</td> <td>078 519 4077</td> <td>ECSA 201570206</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>CIVIL ENG SIZWE ZUNGU</td> <td>060 722 4557</td> <td>ECSA 20185430</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>MECH ENG STENFORD MUTARINGE</td> <td>076 413 3447</td> <td>ECSA 20030388</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>ELECT ENG FORTUNE MPOFU</td> <td>078 084 6417</td> <td>ECSA 20140343</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>OHS MPHIO CHABANA</td> <td>061 940 6853</td> <td>CHSO/1205/2017</td> <td>PROJECTNEERS</td> <td></td> </tr> <tr> <td>CONTRACTOR</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME	SIGNATURE	ARCHITECT NIKILE KEITH MPOFU	076 635 4630	PrArch24750099	PROJECTNEERS		Q. SURVEYOR TASARA GWENHURE	076 553 0634	SACQSP 4457	PROJECTNEERS		STRUCT. ENG BRIGHTON TSHUMA	078 519 4077	ECSA 201570206	PROJECTNEERS		CIVIL ENG SIZWE ZUNGU	060 722 4557	ECSA 20185430	PROJECTNEERS		MECH ENG STENFORD MUTARINGE	076 413 3447	ECSA 20030388	PROJECTNEERS		ELECT ENG FORTUNE MPOFU	078 084 6417	ECSA 20140343	PROJECTNEERS		OHS MPHIO CHABANA	061 940 6853	CHSO/1205/2017	PROJECTNEERS		CONTRACTOR				
COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME	SIGNATURE																																																																				
ARCHITECT NIKILE KEITH MPOFU	076 635 4630	PrArch24750099	PROJECTNEERS																																																																					
Q. SURVEYOR TASARA GWENHURE	076 553 0634	SACQSP 4457	PROJECTNEERS																																																																					
STRUCT. ENG BRIGHTON TSHUMA	078 519 4077	ECSA 201570206	PROJECTNEERS																																																																					
CIVIL ENG SIZWE ZUNGU	060 722 4557	ECSA 20185430	PROJECTNEERS																																																																					
MECH ENG STENFORD MUTARINGE	076 413 3447	ECSA 20030388	PROJECTNEERS																																																																					
ELECT ENG FORTUNE MPOFU	078 084 6417	ECSA 20140343	PROJECTNEERS																																																																					
OHS MPHIO CHABANA	061 940 6853	CHSO/1205/2017	PROJECTNEERS																																																																					
CONTRACTOR																																																																								