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

Roof and fascia:

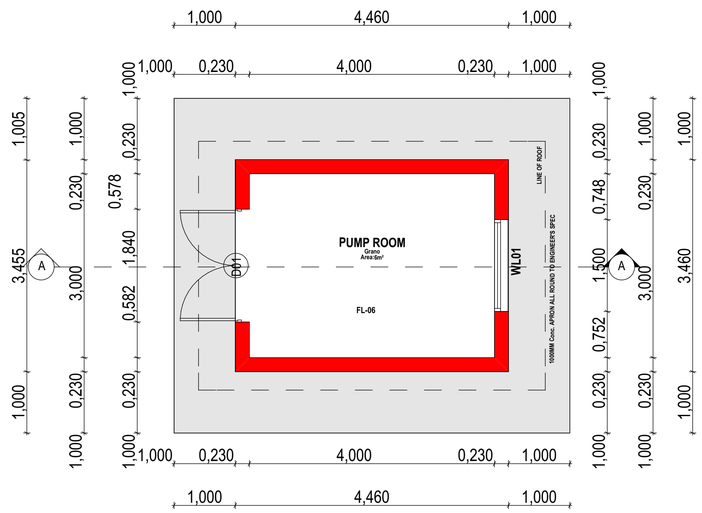
G1. Roof sheeting-to match existing roofs fixed to timber purlins at 1200 mm centres "MI-TEK or similar approved pre-fabricated roof truss system.

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.spec9.1) 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

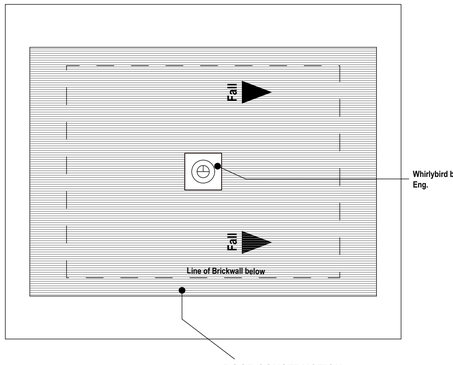


FLOOR PLAN

Area: 12m²
Scale. 1:50

FLOORING LEGEND

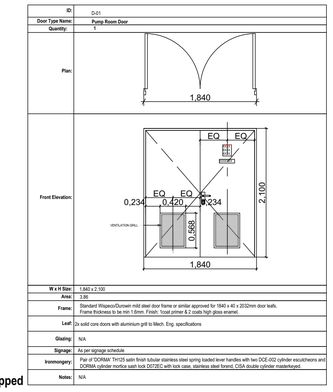
FL-06	CEMENT SCREED; 30 MM THICK POLISHED CEMENT SAND SCREED TO COMPLY WITH STANDARD SPECIFICATIONS.

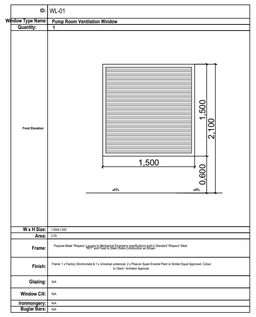


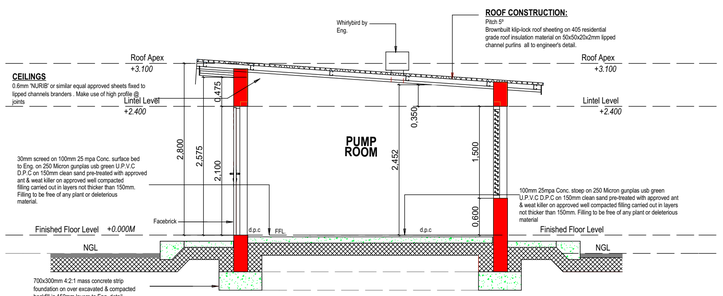
ROOF PLAN

Scale. 1:50

ROOF CONSTRUCTION:
Pitch 5º
Brownbuilt klip-lock roof sheeting on 405 residential grade roof insulation material on 50 x 50 x 20 x 2mm lipped channel purlins all to engineer's detail.



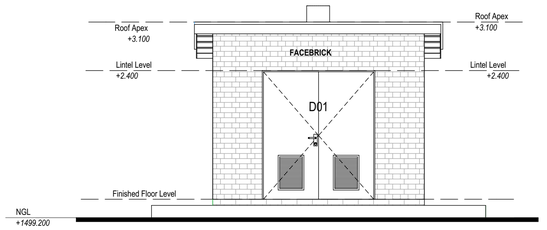




SECTION A-A

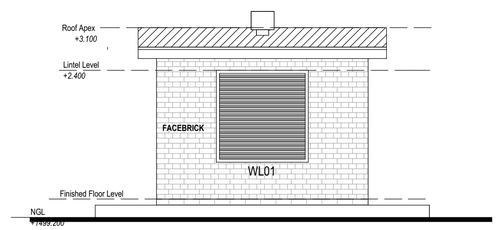
Scale. 1:50

All foundation, slabs,fills & footings to structural engineers details and specifications



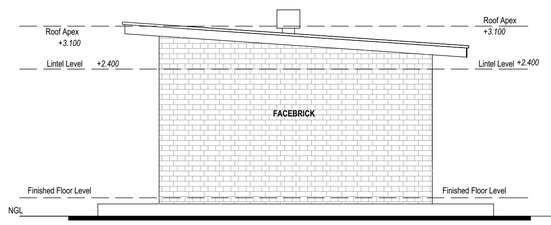
ELEVATION D-D

Scale. 1:50



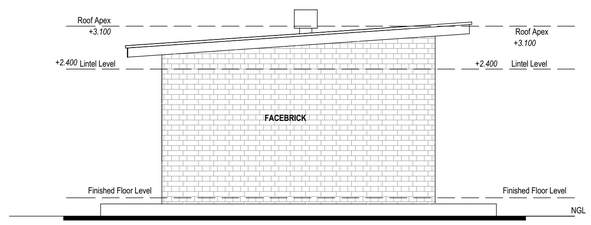
ELEVATION C-C

Scale. 1:50



ELEVATION D-D

Scale. 1:50



ELEVATION C-C

Scale. 1:50

SANS 10400 & XA COMPLIANCE

	Rational	Des	Standard	Cal
CONDUTANCE				
SOLAR HEAT GAIN				
GEOGRAPHICAL ZONE				

NBRs COMPLIANCE

	Yes	No
SITE PLAN	X	
OTHER DRAWINGS		

OTHER APPROVALS

	Mark with X		
Enviromental Impact Assesment (EIA)		X	
South African Heritage Resources Agency (SAHRA)		X	
Department of Water and Sanitation (DWS)		X	
South African National Roads Agency (SANRAL)		X	
Other		X	

WATER SUPPLIER

	Yes	No	
MUNICIPALITY		X	MUNICIPALITY NAME
BOREHOLE	X		WATER USE LISENCE
PRESSURE			BARS
TANKS	Number		Total Capacity LITERS
OTHER STORE		X	Specify below

SANITATION / SEWER

	Yes	No	
MUNICIPALITY		X	MUNICIPALITY NAME
SEPTIC TANKS	X		CAPACITY M^3
PIT LATRINES	X		
OTHER		X	SPECIFY :

SITE INFORMATION

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"
COORDINATES E	27°58'43.85"

STAGES

SIPDM	SACAP	Mark with X
0		
1		
2		
3	1	
4	2	
5	3	
6	4	X
7		
8	5	
9	6	

PROJECT TEAM

	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	MPHO CHABANA	061 940 6853	CHSO/1205/2017	PROJECTNEERS	
CONTRACTOR					

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 DICREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT 'S ATTENTION .

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

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GEOTECH 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
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www.projectneers.com
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CONT . No : 078 519 4077
FIRM REG No : 2014/035628/07

education
Lefapha la Thuto la Bokone Bophirima
Noord-Wes Departement van Onderwys
North West Department of Education
NORTH WEST PROVINCE

NORTH-WEST DEPARTMENT OF EDUCATION

DISCIPLINE
ARCHITECTURAL

PROJECT NAME
PROPOSED ADDITIONAL SCHOOL INFRASTRUCTURE, RENOVATIONS AND REFURBISHMENTS AT GOAKGANYA PRIMARY SCHOOL ON PORTION 85 OF PORTION 4 OF THE FARM KLIPGAT No. 249-JQ ON BEHALF OF THE NORTH WEST DEPARTMENT OF EDUCATION (NW DoE)

PROJECT STATUS

STAGE 1-3	STAGE 4		STAGE 5-6
CONCEPT	TENDER	X	CONSTRUCTION

DESCRIPTION
PUMP ROOM

SCALE :
AS SHOWN

DRAWN . :
NAME OF COMPETENT PERSON :
FRANK
REG No : PAT20779
SIGNATURE

CHECKED . :
NAME OF COMPETENT PERSON :
NIKILE
REG No : PrArch24750099
SIGNATURE

PROJECT NUMBER
RFP268-2019

DATE :
18/10/2021

DWG No :
PJN_ZA_2020_2003_DBSA_GPS_ARCH_P2001_R00

OCCUPANCY CLASSIFICATION
A3-PLACE OF INSTRUCTION

REV No :
R00