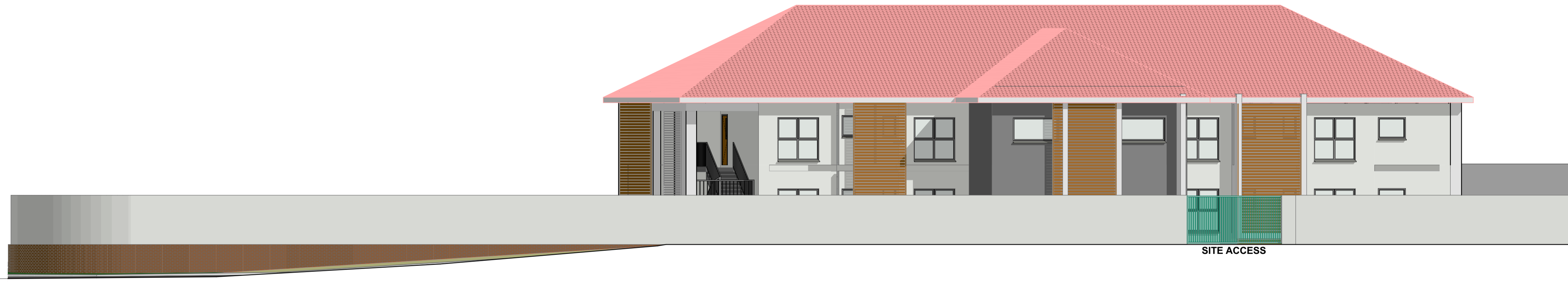


**ENDORCEMENTS**

All dimensions to be checked on site, any discrepancies to be reported to the Architect. Figured dimensions are to be used at all times & drawings are not to be scaled at any time.

REVISION	DESCRIPTION	DATE



**STREET FRONTAGE- ALAN PATON AVENUE**  
SCALE 1:100



**STREET FRONTAGE- NEW ENGLAND ROAD**  
SCALE 1:100



**STREET FRONTAGE- (BOTTOM OF) NEW ENGLAND ROAD**  
SCALE 1:100

OCCUPATION CLASSIFICATION: H3



**SUSTAINABLE DESIGN SOLUTION**

PSAT 20836  
NZUZO MTHEMBU

SUITE 9  
92 CROMPTON STREET  
PINETOWN  
3600

POSTAL ADDRESS  
P.O BOX 205  
PINETOWN  
3600

(c) 073 453 1672 / (w) 031 701 9682 / (f) 086 697 2851

AUTHOR'S SIGNATURE .....

**PROPOSED ADDITIONS AND ALTERATIONS  
FOR MR T. KHUMALO AT 2 NEW ENGLAND  
ROAD OF LOT R/692 PIETERMARITZBURG**

CLIENT'S SIGNATURE .....

DRAWING NAME: **SUBMISSION DRAWING**

DRAWN BY: **N. X. ZIMU** CHECKED BY: **N.N. MTHEMBU**

SHEET NUMBER: **01** DRAWING NUMBER: **NMA/19-008** REVISION: **0**

SCALE: **AS SHOWN** DATE: **07 - 04 - 20**

**GENERAL**

1. ALL WORK TO COMPLY WITH N.B.R. AND STANDARD ACTS SANS 10400
2. ALL DIMENSIONS AND LEVELS TO BE CHECKED
3. SAFETY GLASS TO BE USED WITHIN 500MM OF FFL
4. BALUSTRADES AND HANDRAILS TO BE NBR. PART M
5. STAIRWAYS TO BE SANS 10400 PART M

**GLAZING**

Frames to receive glazing material shall either comply with the requirements of SANS 727 or SANS 1553-2, or be capable of withstanding the wind and impact loads determined in accordance with the requirements of SANS 10400-B without deflecting more than 1/175th of their span.

Shower cubicle glazing to be 8mm toughened / laminated safety glass to comply with Part N 4.4.2 of SANS 10400

8mm Toughened safety glazing

**STRUCTURE TO COMPLY WITH SANS 10400 PART K**

ALL RETAINING WALLS AND STRUCTURAL WORK TO PROF. ENG. DETAIL  
ALL SOIL EXCAVATION AND FILLING TO COMPLY WITH SANS 10400 PART G  
PC LINTELS TO ALL NON BEAM OPENINGS TO COMPLY WITH SANS 10400 PART K 4.2.9  
OFF SHUTTER CONC. TO BE CLEANED AND RUBBED DOWN

**DRAINAGE**

all sanitary fittings to be trapped in accordance with local authority by-laws  
inspection eyes to be provided at all bends, junctions and change in direction  
all gully surrounds and manhole covers to be 75mm above grd.  
anchor blocks to be provided where gradient exceeds 1:5

toilet pans to have a horizontal outlet spigot connected to a soil pipe by means of an adaptor which slopes downwards towards the soil pipe at a gradient of not less than 1:40.

the internal diameter of a soil pipe, other than a soil pipe from a urinal, shall be not less than 100 mm;

the internal diameter of any waste pipe shall be not less than 32 mm if it serves a washbasin, bidet or drinking fountain, and not less than 40 mm if such pipe serves any other waste fixture;

- Ø 100 PVC SEWER PIPE @ MIN 1:60 FALL
  - Ø 100 PVC STORMWATER PIPE @ MIN 1:60 FALL
  - Ø 100 upvc heavy duty pipe encased in concrete where any structure passes over sewer & stormwater lines being protected from any loads imposed on the drain
- written dimensions to be taken in preference to scaling  
N.G.L. is in approx. position  
SANS10400 codes of practise & S.A.B.S. stds. are to be complied with the contractor to inspect the official approv. copies of drawings for any amendments or imposed conditions of approval  
artificial ventilation mechanically ventilation activated by light switch - fresh air supply at 25 ltr/sec per room uniform air distribution max velocity of 0,5m/sec at 25 ltr/sec per room all structural work to engineers details

**HOT WATER SUPPLY**

Hot water pipes to be insulated within 1.5m from inlet & exit of geyser. More than 1.5m from geyser to be embedded in wall.  
20mmØ SANS approved insulation covering wit R-Value 1.0

**GEYSER**

100mm Isotherm flexible blanket around with R-value 2.  
250 ltrs water capacity.  
50% of water to be heated through heat pump to manufactures details.

Heat capacity :3.0kw  
Power supply :220v/1Ph/50Hz  
Unit size :720 x 620 x 260mm

Hot water supply - - - - -

Cold water supply - - - - -

**FIRE TO COMPLY WITH SANS 10400 PART I**

any separating element (wall and floor) between any garage that is not large enough to be classified as J4 and any habitable room shall have a fire resistance of not less than 30 min and the wall shall extend to the underside of the roof;  
any door between such garage and any such room shall have a fire resistance of not less than 30 min and such doorway shall require a threshold of not less than 10 mm;  
no combustible roof components shall penetrate the separating element dividing the space between the garage and the habitable room.

Garage door-to be solid timber door constructed with double rebated joints, that have a thickness of not less than 40 mm, shall be deemed to comply with the requirement of 4.9.2 for a rating of 30 min.

Where an opening in any external wall of any division is less than 1 m measured horizontally or vertically from an opening in another division, a 500 mm projection from such wall shall be constructed between such openings. Such projection shall have a fire resistance of not less than half that required for the element separating the divisions concerned, provided that any other equivalent means of fire protection which ensures that the flame travel path from one opening to another is not less than 1 m shall be permitted.