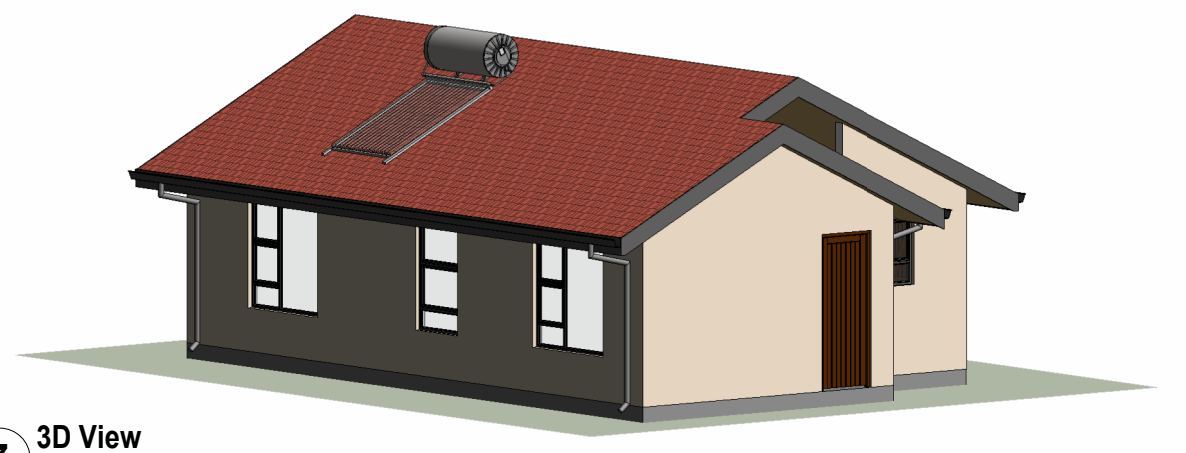
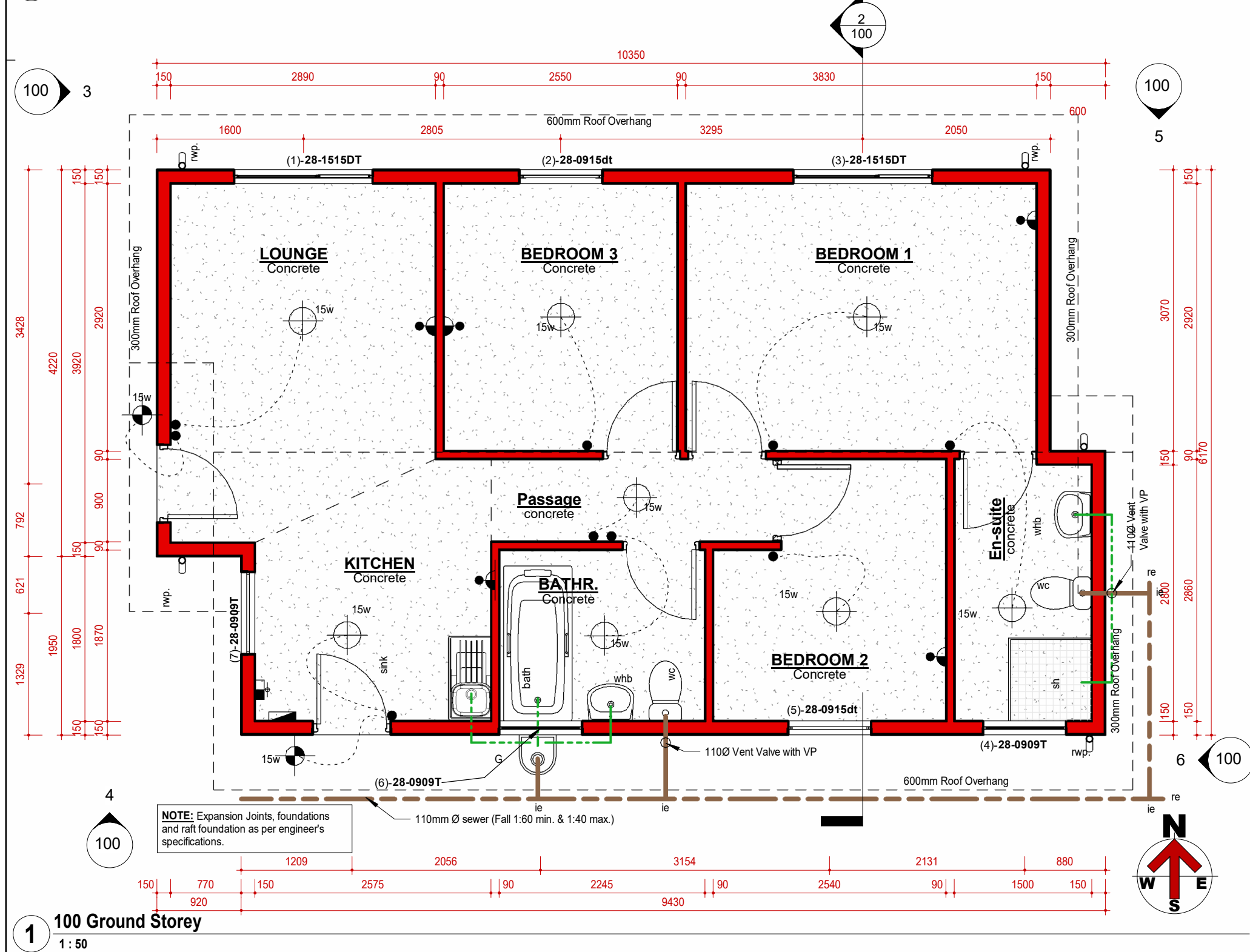
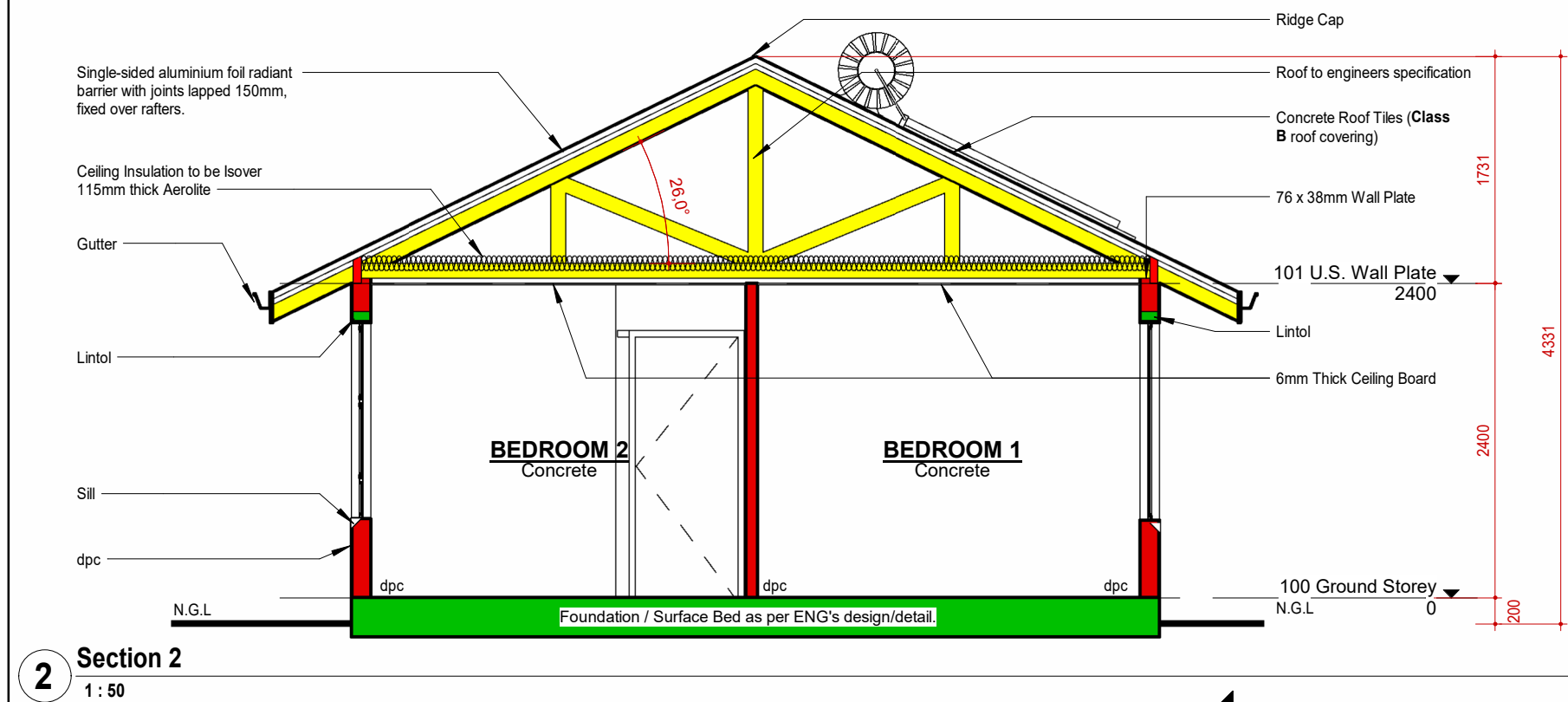
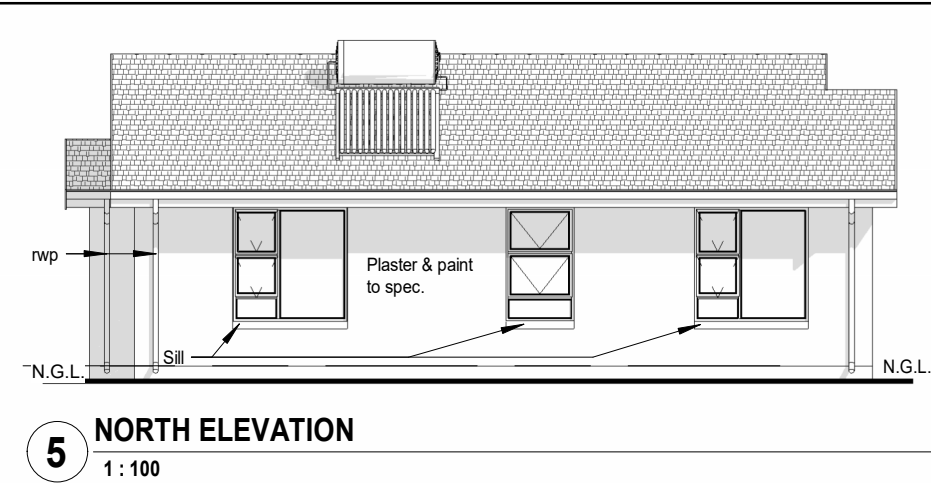
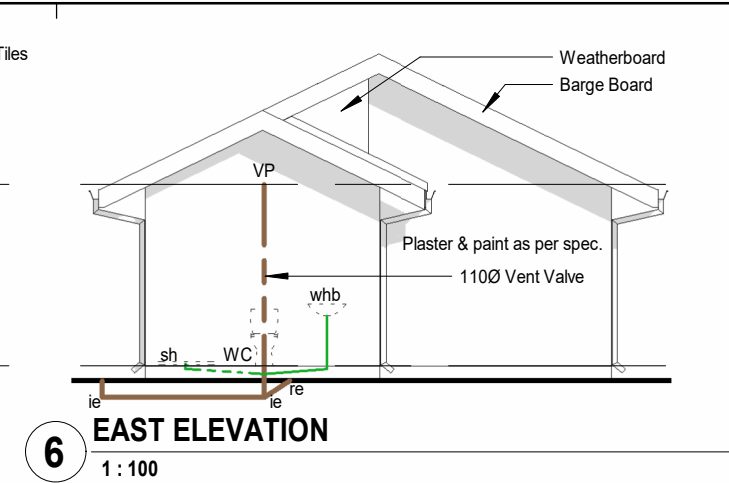
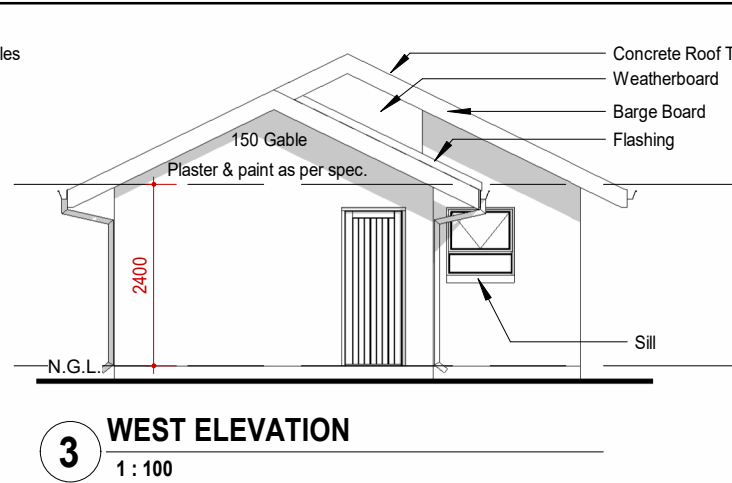
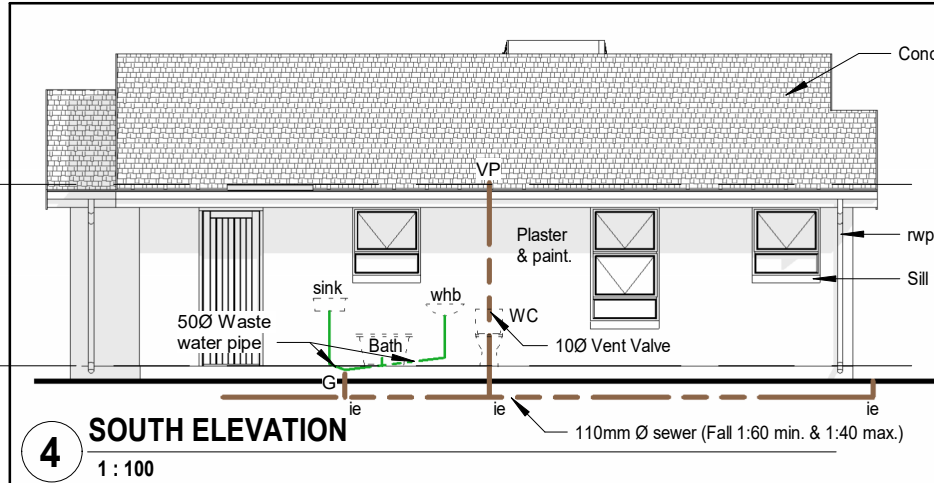




ELECTRICAL LEGEND

Gross Building Area

Name	Area
Area	60 m ²

Room Schedule

Name	Area
BATHR.	4,20 m ²
BEDROOM 1	11,18 m ²
BEDROOM 2	6,53 m ²
BEDROOM 3	7,45 m ²
En-suite	4,26 m ²
KITCHEN	6,47 m ²
LOUNGE	10,43 m ²
Passage	2,77 m ²
Grand total: 8	53,29 m ²

Required Hot Water Storage:
Occupation Classification H4 (Category 1)

a. NUMBER OF PERSONS	= 4
b. AVERAGE USAGE per DAY @ 60°C	= 45L
c. ESTIMATED TOTAL DAILY USAGE (=a x b)	= 180L
d. x 1.5 if SOLAR HEATED (=c x 1.5)	= 405L

Note: Min. 405 litre Solar Gesser required.

Net Internal Floor

Name	Area
SANS Net Internal Floor Area	55,42 m ²

FENESTRATION CALCULATION:

Fenestration Area (m ²)	= 9,69m ²
Nett Floor Area (m ²)	= 55,72m ²
Percentage (%) Fenestration	= 17,39%

Fenestration % is less than 20%, therefore it is SANS X & XA compliant.

SANS 10400-XA:2021 Edition 2:

• These drawings are to be red in conjunction with the attached EE Calculation 2022 document.
• This building is to be compliant with SANS 10400-XA: 2021 Edition 2

Hot water supply:

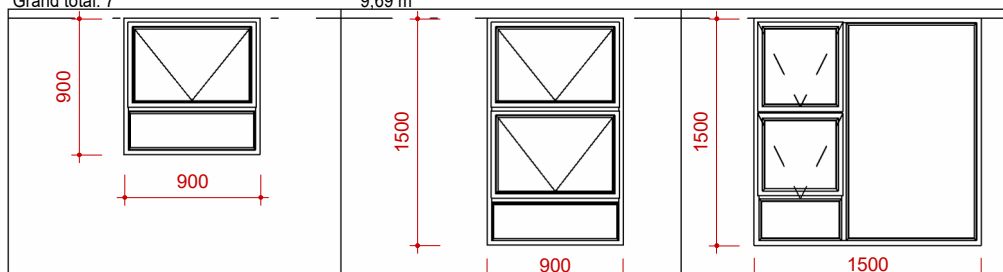
• To be compliant with SANS 10400-XA:2021 Edition 2

Required Hot Water Storage - Occupation Classification H4 (Category 1)

Name	Number of Persons / Bedroom	Average Usage Per Day @ 60°C	ESTIMATED TOTAL DAILY USAGE	x 1.5 if SOLAR HEATED
BEDROOM 1	2	45	90	135
BEDROOM 2	2	45	90	135
BEDROOM 3	2	45	90	135
Grand total: 3	6		270	405

Window Schedule

No	Type Mark	Width	Height	Glass area	Glass Specification	Room: Name
1	28-1515DT	1510	1510	2,28 m ²	Single : Clear (Laminated safety glass)	LOUNGE
2	28-0915dt	900	1500	1,35 m ²	Single : Clear (Laminated safety glass)	BEDROOM 3
3	28-1515DT	1510	1510	2,28 m ²	Single : Clear (Laminated safety glass)	BEDROOM 1
4	28-0909T	900	900	0,81 m ²	Single : Clear (Laminated safety glass)	En-suite
5	28-0915dt	900	1500	1,35 m ²	Single : Clear (Laminated safety glass)	BEDROOM 2
6	28-0909T	900	900	0,81 m ²	Single : Clear (Laminated safety glass)	BATHR.
7	28-0909T	900	900	0,81 m ²	Single : Clear (Laminated safety glass)	KITCHEN
Grand total: 7				9,69 m ²		



Window Type: 28-0909T-10
Wispeco Aluminium top hung aluminium window, size 890 x 890mm (Code : 28-0909T-10) able to meet the mechanical performance requirements of SANS 613 for wind loads of up to 1000Pa with surfaces to receive 15µm Bronze 543 anodised coating (for architectural applications), supplied by a manufacturer complying with SANS 999:2013, glazing shall be executed strictly in conformance with glass manufacturer's recommendations and SANS 10137:2011 all in accordance with SANS 10400 Parts B, N, XA, fitted in accordance with Wispeco Crealco SWIFT™ 28 system, plugged and screwed to brickwork or concrete.

Window Type: 28-0915DT-10
Wispeco Aluminium top hung aluminium window, size 890 x 1490mm (Code : 28-0915DT-10) able to meet the mechanical performance requirements of SANS 613 for wind loads of up to 1000Pa with surfaces to receive 15µm Bronze 543 anodised coating (for architectural applications), supplied by a manufacturer complying with SANS 999:2013, glazing shall be executed strictly in conformance with glass manufacturer's recommendations and SANS 10137:2011 all in accordance with SANS 10400 Parts B, N, XA, fitted in accordance with Wispeco Crealco SWIFT™ 28 system, plugged and screwed to brickwork or concrete.

Window Type: 28-1515DT-10
Wispeco Aluminium top hung aluminium window, size 1490 x 1490mm (Code : 28-1515DT-10) able to meet the mechanical performance requirements of SANS 613 for wind loads of up to 1000Pa with surfaces to receive 15µm Bronze 543 anodised coating (for architectural applications), supplied by a manufacturer complying with SANS 999:2013, glazing shall be executed strictly in conformance with glass manufacturer's recommendations and SANS 10137:2011 all in accordance with SANS 10400 Parts B, N, XA, fitted in accordance with Wispeco Crealco SWIFT™ 28 system, plugged and screwed to brickwork or concrete.

DOOR & WINDOW SCHEDULE - GENERAL NOTES:

1. The contractor is required to check if any part of this schedule is unclear or contains any obvious errors, the contractor must make written application to the architect to have such errors rectified or clarified.
2. Unless otherwise indicated, all elevations are external elevations.
3. The Building and the construction thereof is to be in compliance with the current: a. SANS 10400-XA:2021 Edition 2, Part X: Environmental Sustainability & Part XA: Energy usage in buildings. b. National Building Regulations (SANS 10400)
4. Glass shall be free from flaws, specks, scratches, bubbles and any other defects, and shall be cleaned down upon completion. Broken glass shall be replaced at the contractor's expense.
5. Glass to be marked in accordance to SABS 0137-200 Code of Practice.
6. The max. air leakage for windows and doors shall comply with the requirements of SANS 613.

- GENERAL NOTES:**
- Discrepancies and/or contradicting information are to be immediately reported to the architect in writing.
 - All dimensions and all levels to be checked on site and where applicable to match existing structure.
 - All levels and dimensions are to be verified on site and checked against the drawings prior to commencing of any work.
 - Figured dimensions only may be used and are to be verified on site prior to commencement with the works and drawings are not to be scaled.
 - The Brick course height to be 85mm except where specified differently.
 - A complete set of the latest drawings to be available on site at all times.
 - All dimensions as shown on plan to be plotted on site at the horizontal level.
 - The contractor is responsible for the correct layout and positioning of buildings on site in relation to site boundaries and building lines and in accordance with the drawings.
 - All drawings to be read in conjunction with structural engineers details and drawings.
 - Finished structure to comply with latest amendments of SANS 10400
 - The Building and the construction thereof is to be in compliance with the current:
a. SANS 10400-XA:2021 Edition 2, Part X: Environmental Sustainability & Part XA: Energy usage in buildings.
b. National Building Regulations (SANS 10400)
c. Occupational Health & Safety Act: Construction Regulations (Latest)
d. SANS 10163: The structural use of timber
e. SANS 10005:2006 – Preservative Treatment of Timber
 - Quality of all materials and workmanship to comply with the relevant SABS / SANS requirements & specifications.
 - The Tenderer's are to take note that the General Preambles for Trades (Current / Latest) published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in this Project Specific Preliminaries.
 - All Architectural Aluminium Products & Glazed Architectural Aluminium Products supplied and installed are to be in compliance with the current AAAMSA requirements.
 - Opening vents are to be tested in accordance with AAAMSA Performance Test Criteria for performance category A3
 - The Design Wind pressure is 1500Pa and/or Category 2, Class A2 OR which is applicable to the area of installation.
 - Tenderers should allow for thermal movement due to an atmospheric temperature range applicable to the area.
 - Contractors are to locate and identify existing services on site and are to protect these against any damage during the proceeding of work.
 - Water supply and drainage installations for this building/s must comply with SANS 10252: Water Supply (Part 1) and Drainage for Buildings (Part 2) and SANS 10254: The Installation of Fixed Electric Storage Water Heating Systems, or any similar substituting re-enactment or amendment thereof if the consumer installation is of a type regulated by either standard.
 - Gas installation to comply with all parts of the SANS 10087
 - The electrical installation must comply with SANS 10142 (the code of practice for the wiring of premises) and the relevant municipal by-laws standards.
 - Copyright and right of reproduction of this drawing or and portion thereof is reserved by the creator of these drawings.

No.	Description	Date



Gerhard Scheepers Cell. 083 262 2882

E-mail: argitek@icloud.com

Address: 15 Irvine Road, Bonnie Doon, East London

© Copyright reserved

Client: trustgro developments (pty) ltd

	Tel. 011 - 484 0079 e-mail: trustgro@icon.co.za website: www.trustgro.co.za
--	---

Project Name: New House (Type TG 60B) for _____ on Stand _____, _____.

Project Address: _____

Actual Zoning: _____

Building Classification: _____

Approved by Client: _____ Date Approved: _____

Architect / SACAP Reg. No: _____

Gerhard Scheepers / SACAP Reg. No. 5317

Drawn by: Gerhard Scheepers Checked by: G. Scheepers Sheet Issue Date: 2025/04/24

Sheet Name: HOUSE TYPE - TG 60B

Project number: 2017#01 Drawing No. 100 Revision No. _____

Project Status: Municipal Submission (MSR)

Issued for: _____

Project number: 2017#01 Drawing No. 100 Revision No. _____

Project Status: Municipal Submission (MSR)

Issued for: _____