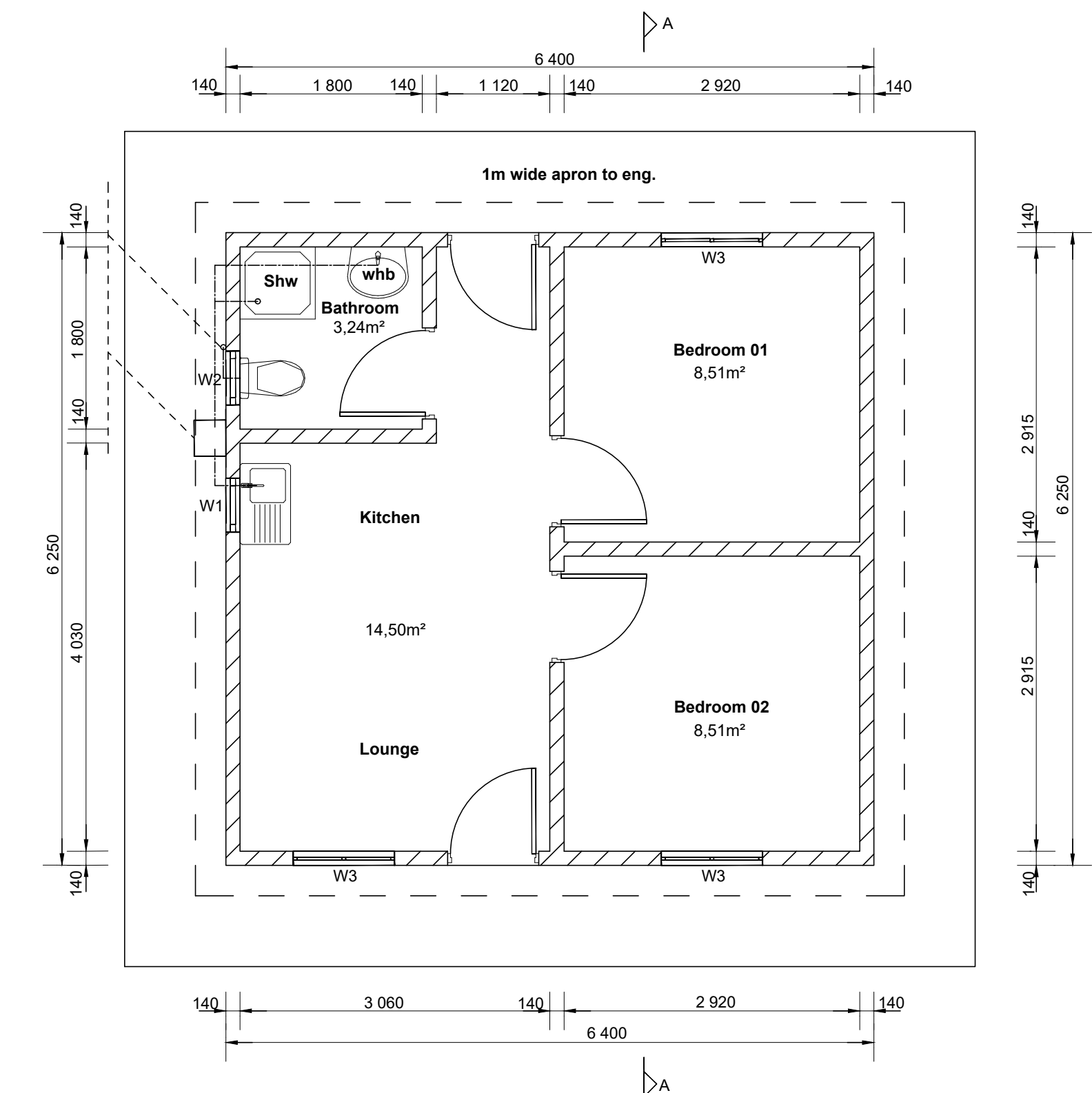
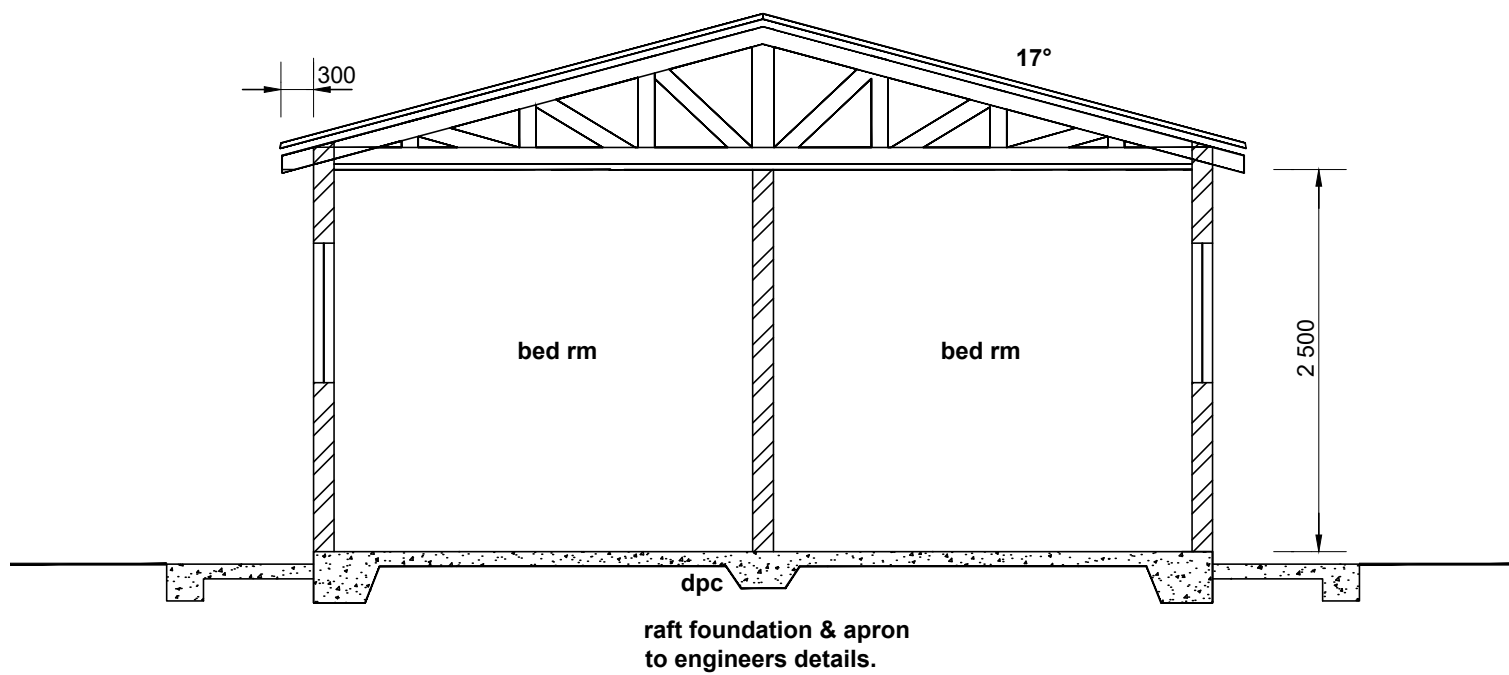
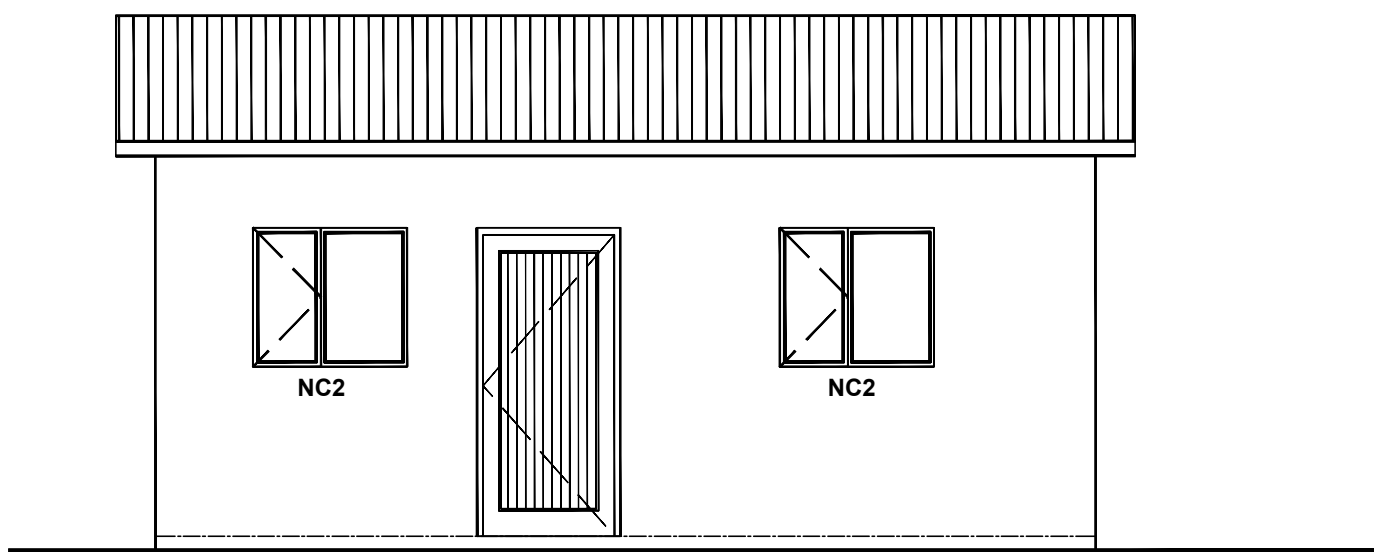




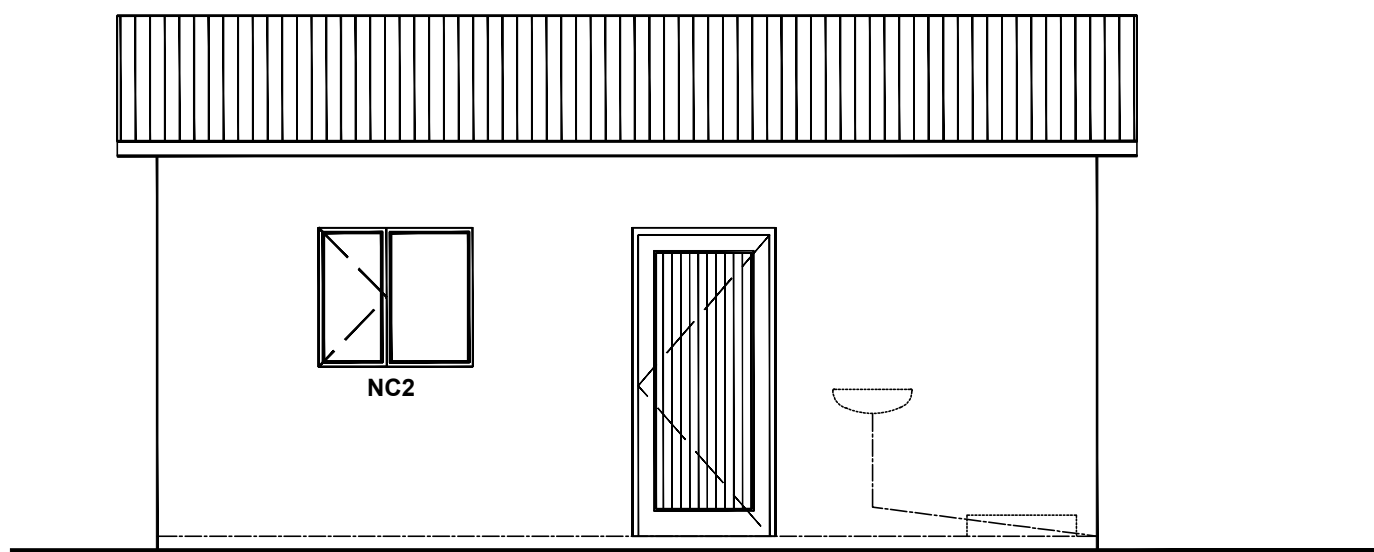
Ground Storey



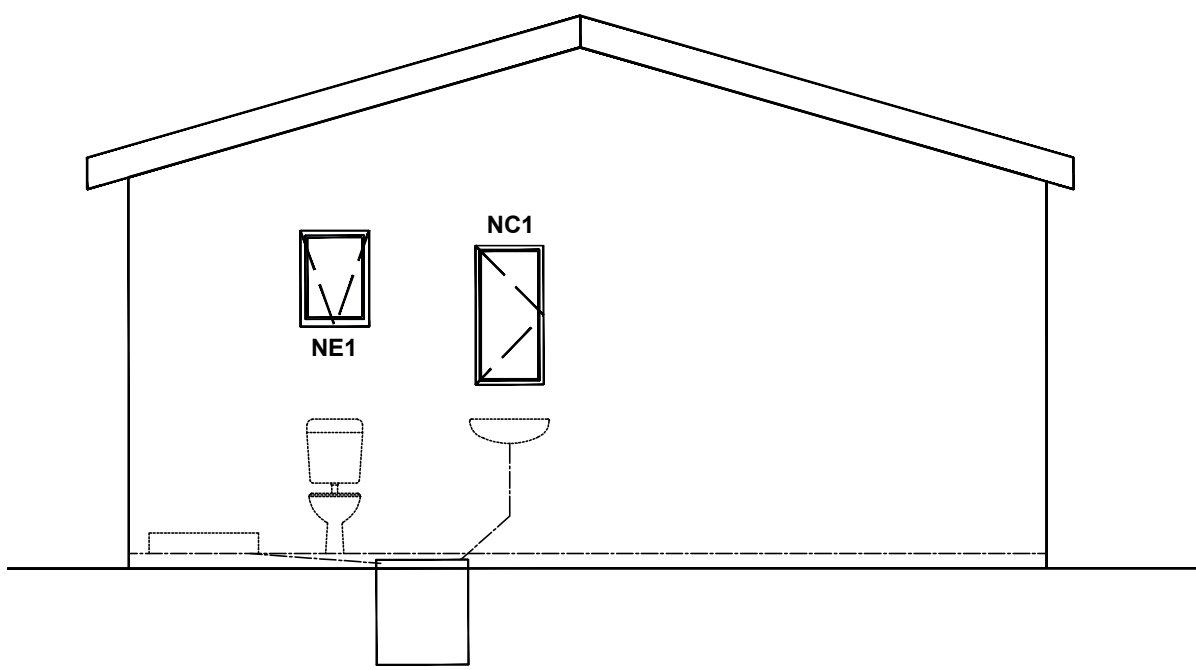
Section A-A



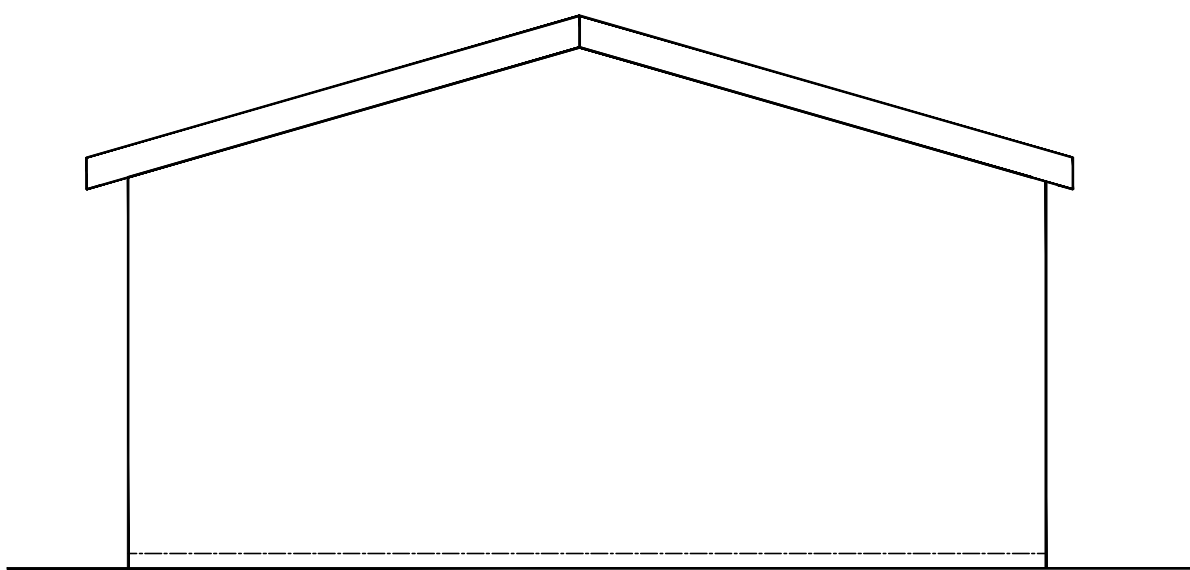
Front Elevation



Rear Elevation



Side Elevation



Side Elevation

|                  |                   |                      |                   |
|------------------|-------------------|----------------------|-------------------|
| 2100             | 530               | 530                  | 1 000             |
|                  | 950               | 950                  | 950               |
|                  | 1150              | 1445                 | 1150              |
| ffl              |                   |                      |                   |
| Type             | W1                | W2                   | W3                |
| No. off          | 1                 | 1                    | 3                 |
| Max. Pane Size   | 0.36              | 0.24                 | 0.34              |
| Glazing Material | 4mm mon. annealed | 6mm toughened safety | 4mm mon. annealed |
| Glass Finish     | clear             | clear                | clear             |
| Frame            | steel             | steel                | steel             |
| Ironmongery      | as supplied       | as supplied          | as supplied       |

Window Glazing Schedule

## Notes :

Concrete roof tiles on 38x38 battens on SABS approved underlay on ganged timber roof trusses, to be designed, supplied, installed and certified by an ITC accredited Professional Roof Truss Engineer, at a 17° slope. Roof Trusses are to be tied down 3 courses into blockwork. The following must be noted :

- The Contractor is to submit the required 'TR1' and 'TR2' Certificates to the Structural Engineer for approval. The 'TR1' and 'TR2' Certificates confirms that the overall roof structure is structurally stable.
- The 'TR1' Certificate confirms that the ganged roof trusses have been designed by an approved competent person (ITC accredited) and the 'TR2' Certificate confirms that the installation of the ganged roof trusses on site has been inspected, checked for compliance with the Roof Truss Shop Drawings and approved by an approved competent person (ITC accredited).
- Roof truss 'ties' to be designed by an ITC accredited Professional Roof Truss Engineer. Roof truss 'tie' centres to comply with the requirements of the Roof Truss design and the Roof Truss Engineer's specifications and details.

No gutters and downpipes.

Mesh reinforced concrete slabs to eng. on soil poisoned by specialist. 250 micron DPC under external and internal walls.

External finish - cementcrete.

Windows - Steel frame. Minimum 3mm sheet glass, 4mm obscure glass to bathroom window, with concrete window cills.

External doors - 813x2032mm Pine doors fitted to steel frame to be factory coated with red oxide primer and site painted with two coats of red oxide paint, with 3-lever mortice lock.

Internal doors - 762x2032mm Masonite hollowcore, fitted to steel door frame, factory coated with red oxide primer and site painted with coats of red oxide paint, with 2-lever mortice lock.

Precast concrete lintols over all openings.

140mm hollow blocks, 3.5 MPa compressive strength to comply with SABS part K:1215-1985 No. GRB, and guidelines of Concrete Masonry Ass. Mortar Mix as per SABS 0145-1978 without lime added.

Walls in bathroom to extend to underside of roof tiles.

No internal plaster or paint.

External walls to comply with KK14.1 of NBR.

2 courses brickforce at window cill and wall plate level.

Internal walls not to be bonded with external walls but to be tied to them with brickforce in alternate course.

No electrical, Redyboard by other.

All dimensions to be confirmed on site.

### Drainage :

- MH surrounds to be 75mm above ground.
- Sewer connection to be exposed before commencing work.
- Provide IE's to all bends and junctions.
- All sewer pipes to be 110Ø PVC with Y-junctions, approx. 6m, all waste pipes to be 50Ø PVC.
- Internal plumbing fitted to wall with clamps.
- Soil drain to discharge at invert level of manhole.
- Sewer and water supply pipes to be separated from each unit.

### Sanitary fittings :

- Toilet - white vitreous china P trap pan with plastic cistern and double seat flap.
- Basin - white PVC basin size 480x390mm.
- Shower - concrete with grating & waste pipe.
- Sink - stainless steel with draining board 900x410mm.

### Structural Notes :

The following to comply with NBR codes :

- Structural concrete to SABS 0100
- Handrails to SABS 0104
- Glazing to SABS 0137
- Foundations to SABS 0161
- Structural steel to SABS 0162
- Structural timber to SABS 0162
- Structural masonry to SABS 0164

### Foundations :

- Foundation Option 1 : Strip footings.
- Foundation Option 2 : Raft slab with downstand beams.
- Foundation option to be determined and confirmed by a Geotechnical Engineer.
- Foundation details and structural design done and approved by professional engineer.

|                    |                    |    |            |
|--------------------|--------------------|----|------------|
| SCALE (mm)         |                    |    |            |
| 0 10 20            |                    |    |            |
| REFERENCE DRAWINGS |                    |    |            |
|                    |                    |    |            |
| REV                | DESCRIPTION        | BY | DATE       |
|                    |                    |    |            |
| P3                 | ROOF NOTES AMENDED | YE | 30/04/2021 |
| P2                 | NOTES AMENDED      | YE | 17/03/2021 |
| P1                 | PRELIMINARY        | YE | 16/03/2021 |

|                     |              |
|---------------------|--------------|
| Professional person | Registration |
| LOCAL AUTHORITY     |              |

|        |  |
|--------|--|
| CLIENT |  |
|--------|--|

|         |                              |
|---------|------------------------------|
| PROJECT | DUBE VILLAGE HOUSING PROJECT |
| DETAILS | 40m² HOUSE                   |

|            |  |
|------------|--|
| CONSULTANT |  |
|------------|--|

|             |              |                    |                 |
|-------------|--------------|--------------------|-----------------|
| DESIGNED    | YE           | COPYRIGHT RESERVED | SCALES          |
| DRAWN       | YE           |                    | 1:50            |
| APPROVED    | PN           | PL                 | DATE 17/03/2021 |
| TENDER No.  |              |                    |                 |
| DRAWING No. | UCE106 / 100 |                    |                 |
|             |              | REV                | P3              |

PRELIMINARY