



Main elevation and *Keyarea*: 5700 x 6200 (233 x 220 T).

A. *Keyarea*: 1400 x 2400 (178 : 104 T).

B. *Incidentalarea*: 1800 (2600) x 2200.

C. *Incidentalarea*: 1400 x 4000.

9.

Note. This drawing, depicts the main elevation of a small domestic *T-structure* and it has been planned using the *Dekaprinciple*, with a 100mm module. For the whole design, also see drawing ten and the SDT drawings.

The basic structure, is loadbearing rendered super-insulated masonry (SIM) walls using thin-joint aircrete blocks, with external insulation; with possible future 3D printing for these structural elements. The first floor and roof, are formed using reinforced hollowcore concrete (RHC) planks, with the roof planks further reinforced as required.

Externally, it is finished with *Tokhromagreen (T10-L1)* coloured render, and the front door (timber within a super-insulated aluminium frame) and casement windows (triple-glazed super-insulated aluminium) are finished in satin black (*T-D3*). With all the external ironmongery in brushed stainless steel. The chosen flat roof type, is finished with an insulated extensive green roof system using sedum mats.

Internally, the walls and joinery are finished in satin white (*White-727*), and the ceilings in matt white (*White-744*), with certain wall surfaces tiled with 98mm x 98mm x 6mm satin white (*White-727*) ceramic wall tiles and matching grout. For the internal finishes of the front door and windows, these match their exterior finishes as above. In contrast, all the sanitary fittings are in gloss white. For the kitchen, the units and integral dining table are finished in satin dark brown (*Kakao-95*) with the horizontal surfaces made up of matching reconstituted aggregate slabs. The floor surfaces, are tiled with 1197mm x 197mm x 8mm dark oak effect ceramic floor tiles and matching grout, with certain floor areas in 97mm x 97mm x 8mm dark brown (*Kakao-95*) ceramic floor tiles, with black grout. Lastly, all the interior ironmongery, including sanitary, is brushed stainless steel and/or satin chrome.