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**GENERAL NOTES:**  
 Attention is drawn to section 4 of the national Building Regulations Act 1977 which provides that no work must commence until plans have been approved or written permission has been obtained. The designer accepts no responsibility for any work completed prior to plan approval. This drawing is not to be scaled - figured dimensions only to be used. All lev-els and dimensions to be checked on site before putting any work in hand. Any discrepancies to be reported to the designer immediately. Builders specifications to comply with the National Building Regulations.

**DRAINAGE NOTES:**  
 IE 1 to all bends and junctions.  
 IE 1 to have suitable covers at ground level.  
 Waste fittings to have reveal traps.  
 All waste fitting traps on one pipe system to be fitted with vent valves.  
 No drainage bends or junctions in or under slab.  
 Soil pipes passing under buildings to be protected from loads.  
 whb = 032ø sink - 040ø bath - 040ø soil pipes - 100ø  
 Drainage to comply with part J of the NBR

**FLOOR NOTES:**  
 Specified floor finish on 25mm screed on 100 mm concrete surface bed on well compacted fill.  
 DPC below all walls and cills.  
 Vertical DPC at all changes in floor level.  
 Floor level to be min. 170mm above ground level.  
 Floor to comply with Part J of the NBR

**ROOF NOTES:**  
 20° PITCH  
 Concrete roof tiles on 38 x 38 mm battens on 153x 38 mm grade 6 tie beams and rafters on Roof trusses to comply with Part K of the NBR  
 114 x 38 mm wallplates  
 28 x 38 mm ceiling bracing and ceiling  
 Trusses to be designed by roof specialist

**ENGINEER:**  
 Entire structural system by structural Engineer  
 Foundations, r.t.t. concrete slabs to engineers details  
 Boundary pegs to be pointed out by land surveyor

CONCRETE ROOF TILES  
TO OWNERS APPROVAL

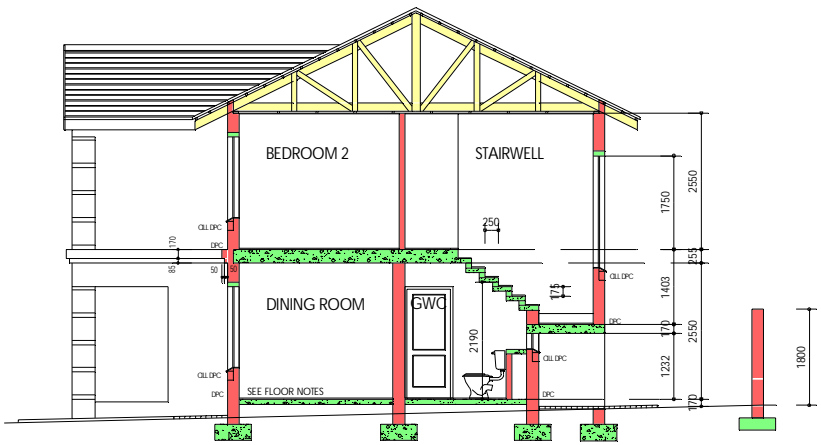
PLASTER & PVA  
WITH DECORATIVE PLASTER CORNERS

BRICK CORRELLING

R/C SLAB & STAIRS  
TO STRUCTURAL ENGINEERS DETAIL

WOODEN WINDOW FRAMES

FOUNDATION FOOTINGS / BRICKWORK  
BY STRUCTURAL ENGINEER



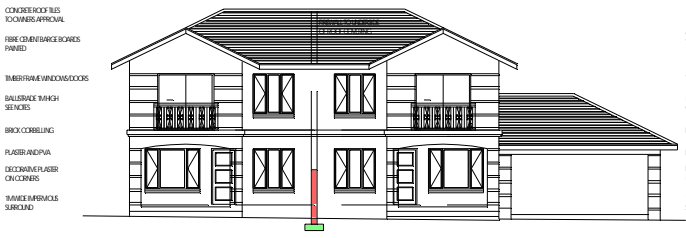
SECTION A - A  
SCALE 1:50



NORTH - EAST ELEVATION  
SCALE 1:100



NORTH - WEST ELEVATION  
SCALE 1:100



SOUTH - WEST ELEVATION  
SCALE 1:100



SOUTH - EAST ELEVATION  
SCALE 1:100



BLOCK PLAN

Structural Engineer:

**FLOOR AREAS:**

HOUSE	96.8 m <sup>2</sup>
GARAGE	21.5 m <sup>2</sup>
CARPORIT	15.9 m <sup>2</sup>
TOTAL	134.2 m <sup>2</sup>

**UNIT 9 & 10**  
 PROPOSED NEW SECTIONAL TITLE  
 TOWNHOUSE DEVELOPMENT  
 ON ERF 3, HELDERWYK  
 FOR MNANDI PROPERTY DEV

Date - OCT 2010 Drawn - EILEEN  
 Scale - 1:50 / 1:100 Dwg No - 2010 / 3 / 3

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ENTIRE STRUCTURAL SYSTEM BY STRUCTURAL ENGINEER

Structural Engineer