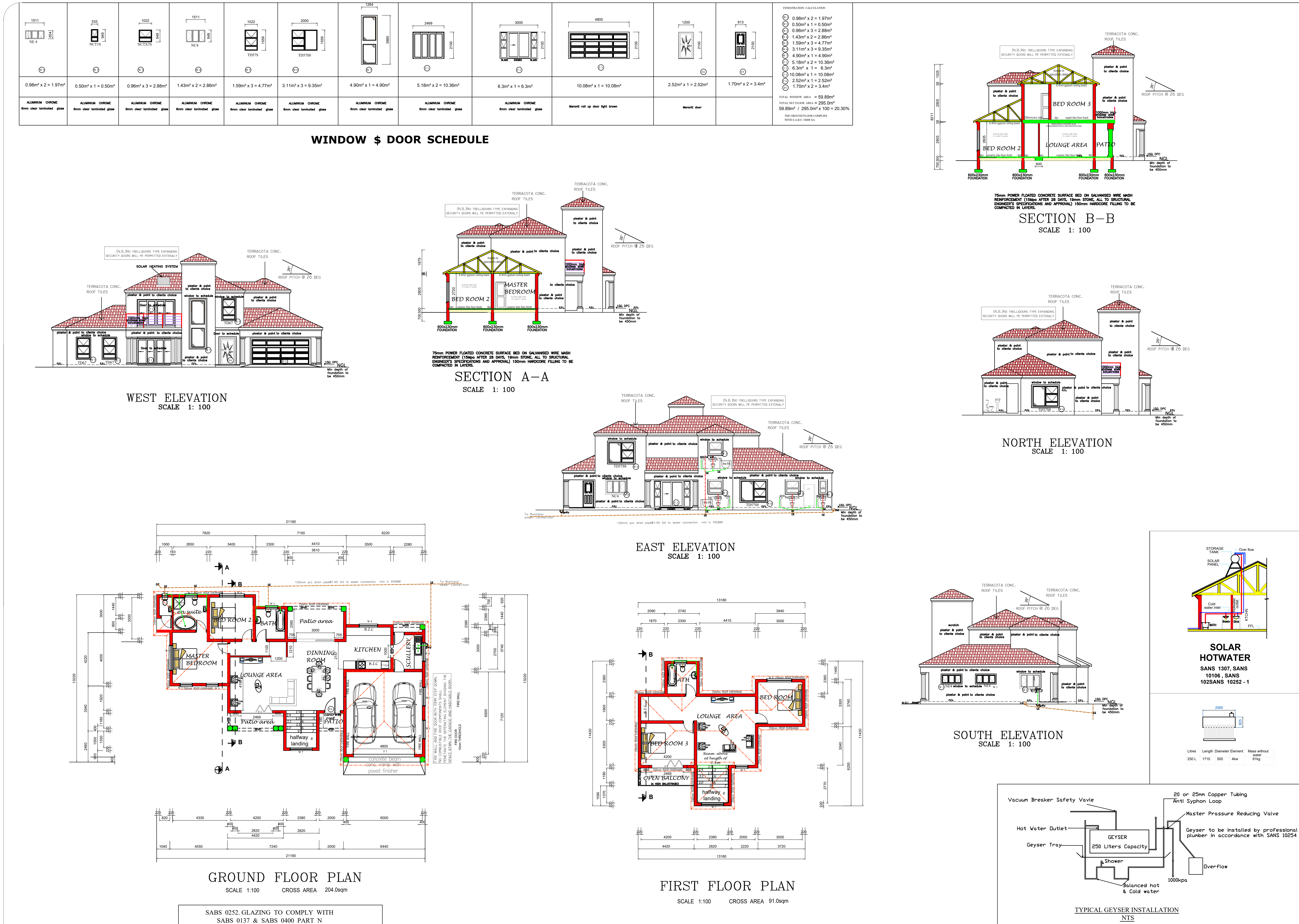


GROUND FLOOR PLAN

SCALE 1:100 CROSS AREA 204.0sqm

FIRST FLOOR PLAN

SCALE 1:100 CROSS AREA 91.0sqm

ROOF CONSTRUCTION

0.2 PREFERABLE

$R = R_{si} + R_1 + R_2 + \ldots R_n + R_a + R_{se}$

CLAY TILES 0.84W/mk
FIBRE GLASS 0.04W/mk
GYPSUM BOARD 0.17W/mk

3.2=0.04+0.02/0.84+0.55+d/0.04+0.006/0.17+0.11
=0.04+0.024+.55+d/0.04+0.035+0.11

3.2=0.759+-d/0.04
d=0.04(2.44)
=0.0976
97.6 FIBRE GLASS IS REQUIRED
THEREFORE 100mmTHICK FIBRE GLASS

GENERAL NOTES

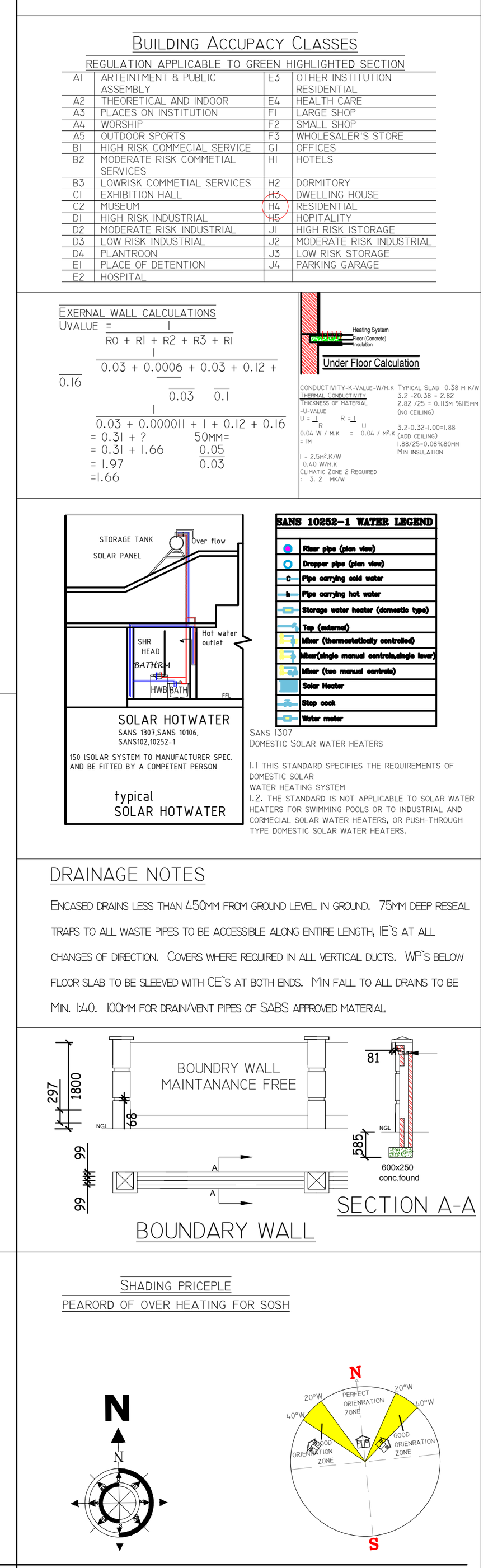
All work to comply with Local Authority and NBR by-laws. Read figured dimensions in preference to scaling. The contractor must verify all Surveyors pegs, markers, levels, heights and dimensions on site and to check same against all sets of drawings. Contractor is to build-in approved DPC`s whether or not these are shown on drawings, to all external walls at each floor, parapet level and to all windows, doors or openings in external walls. Lintels above all doors, windows and arches. 100 x 80 GSI gutters and downpipes.

ENERGY CONSUMPTION IN BUILDING

5 kWh/m².a x 828.9m² = 4144.5 kWh.a
LIGHTS FROM 17h00 - 22h00

LAMP
LED down lights 12 Watts x 151 = 1812 Watts

1812 Watts / 828.9 m² = 2.19 W/m²
52 (Weeks) x 7 (Days) x 5 (hours) = 1820 h.a
Lamps = 1812/1000 = 1.812
1.812 kW x 1820 h.a = 3297.8 (<4144.5 kWh.a)



SABS 0252. GLAZING TO COMPLY WITH
SABS 0137 & SABS 0400 PART N

MULTECO Engineering and Projects

ARCHITECT MASHUDU

EXPECTISE : HOUSE PLAN
Cell: (071) 216 6629
: (071) 276 6629
E-mail : shane.ramaano@gmail.com

DRAWING TITLE	SECTIONS, FLOOR PLANS, ELEVATIONS, WINDOWS & DOOR SHEDULE
ENGINEER'S SIGNATURE	
ENGINEER'S REF Number	

DRAWING NUMBER :

29 / 07 / 2019

SHEET 1 OF 2

PROJECT

PROROSED NEW DWELLING HOUSE
FOR MR N.A. MAHADA

EFR NO : 253. MELODIE X8
BOUGAINVILLA ESTATE

Owner :

Signature:

Cell : (072) 871 5349
: (072) 562 5833
E-mail : neron.mahada@gmail.com

AREA SCHEDULE	
GROUND FLOOR	204.0sqm
FIRST FLOOR	91.0sqm
OUTBUILDING	00.0sqm
TOTAL AREA	295.0sqm
SITE AREA	775.0sqm
COVERAGE	26.32%

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