

**House Marais / Van Rhyn Tiobelle Crescent, Stellenbosch**

**External Walls:**  
Double skinned masonry walls with a cavity,  
plastered on the in- and outside

**External walls comply to Regulation XA**

**Roof assembly:**  
Minimum R Value: 3.7  
Heat flow direction: UP

**Trussed victorian profile Roof**

First Floor

**Material**      **Thickness (m)**      **K-Value**      **R Value**      **Notes & Recommendation**

Outdoor Air Film      0.0005      0.03

Roof Sheet      0.0005      43      0.00      53mm chromadeck

420# sisalation      0.75      0.2 outer / 0.05 inner      Sisalation

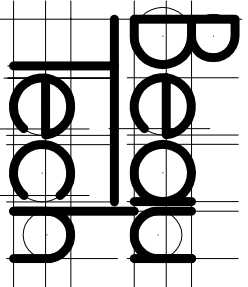
100mm Isotherm insulation      1.81      1 x 100mm Isotherm 10kg / qm

Isoboard      0.04      0.024      1.33      40mm Isoboard

Indoor Air Film      0.11

**TOTAL**      **4.03**      **PASS**

**For Construction**



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Blensch street  
Stellenbosch  
7600

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Project: **New House at 29 Tiobelle Crescent  
Erf 510/572, James Town  
For Mr van Rhyn**

Drawing Name: **Section A-A**

Drawing No: **Stl 510 572 003**

Date: **11 January 2016**

Scale: **1:50**

Drawn By: **J.Marais**

SACAP No: **D 1574**