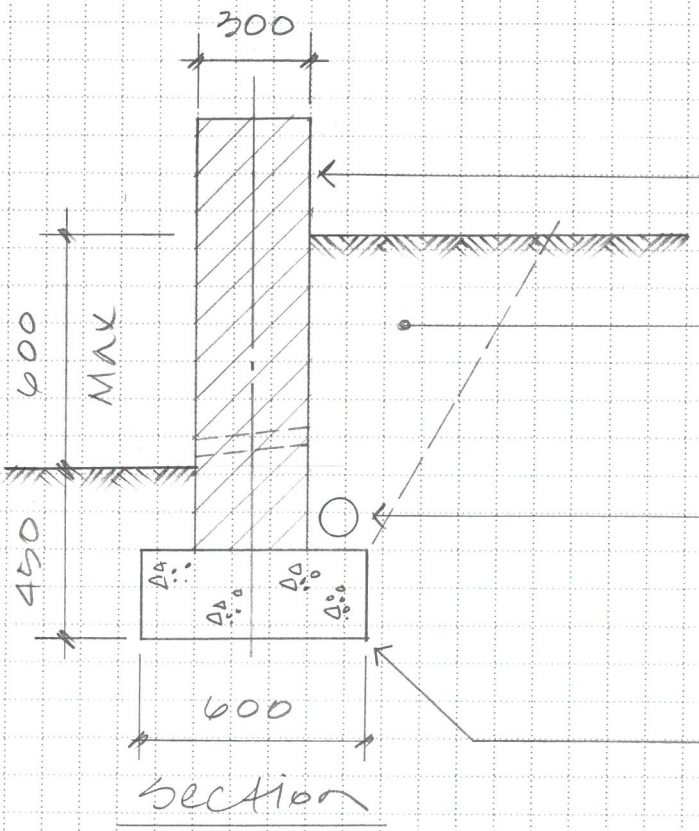
CALCULATION SHEET

Client			Job Title	Job No
Cheshire Acres			Sugar Street, Rushton Spencer	5307
By	Date	Checked	Element	Sheet No
MV	12.17	DE	Retaining Wall Type 1	S 01

Retaining Wall Type 1

Retained Height 600 mm Max



Masonry Wall to Architect's details

Free Draining Well compacted Granular Material

Back of Wall Drainage with Weepholes @ 900 mm ctrs

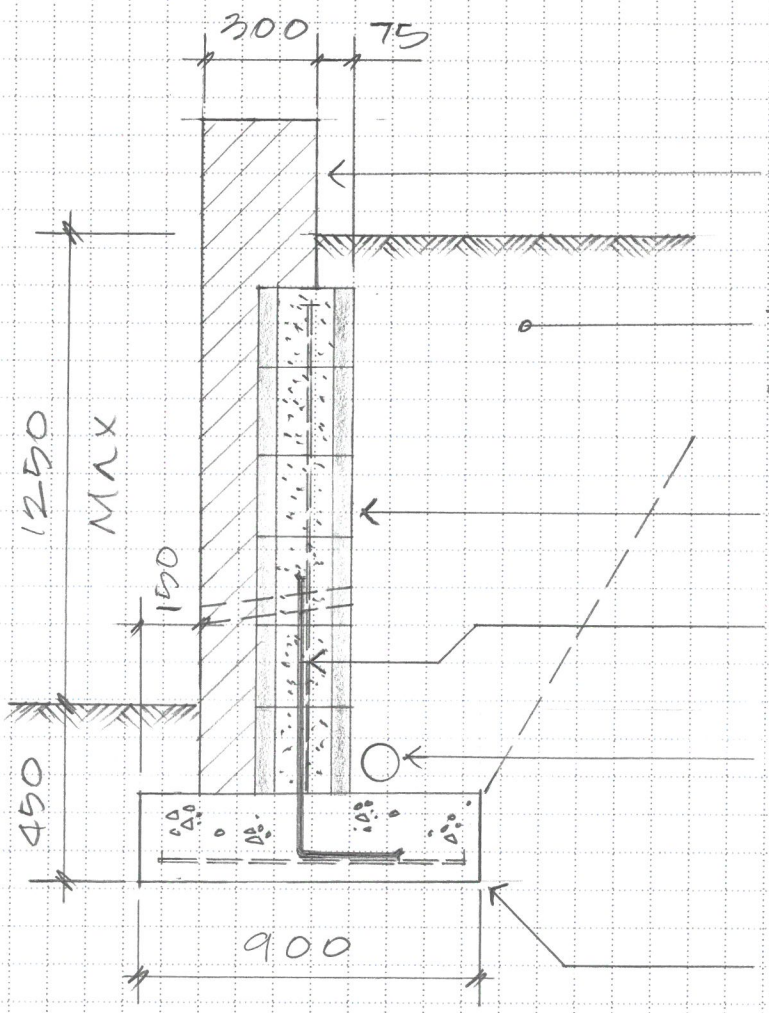
Concrete Footing GEN1 / ST2 600 x 225mm Deep

CALCULATION SHEET

Client			Job Title	Job No
Cheshire Acres			Sugar Street, Rushton Spencer	5307
By	Date	Checked	Element	Sheet No
MV	12.17	DE	Retaining Wall Type 2	S 02

Retaining Wall Type 2

Retained Height 1250 mm Max



Masonry Wall to Architect's details

Free Draining Well compacted Granular Material

Reinforced Blockwork See Notes

H8 ϕ starter Bars @ 200 ctrs

Back of Wall Drainage with Weepholes @ 900 mm ctrs

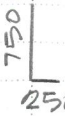
Concrete Footing Grade C30 900 x 225mm Deep Mesh A252 Bottom 50 cover

Section

Reinforced Blockwork

215 Hollow Blockwork 7.3 N/mm² Strength set in Mortar M6 (ii)

Reinforcement Mesh A252 with H8 ϕ starter Bars @ 200 ctrs



H8 ϕ Bars Shape Code 11 Length = 1000 mm

Infill Concrete Grade C30 with 10mm Aggregate

Infill to be placed as part of masonry laying at maximum vertical intervals of 450 mm

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