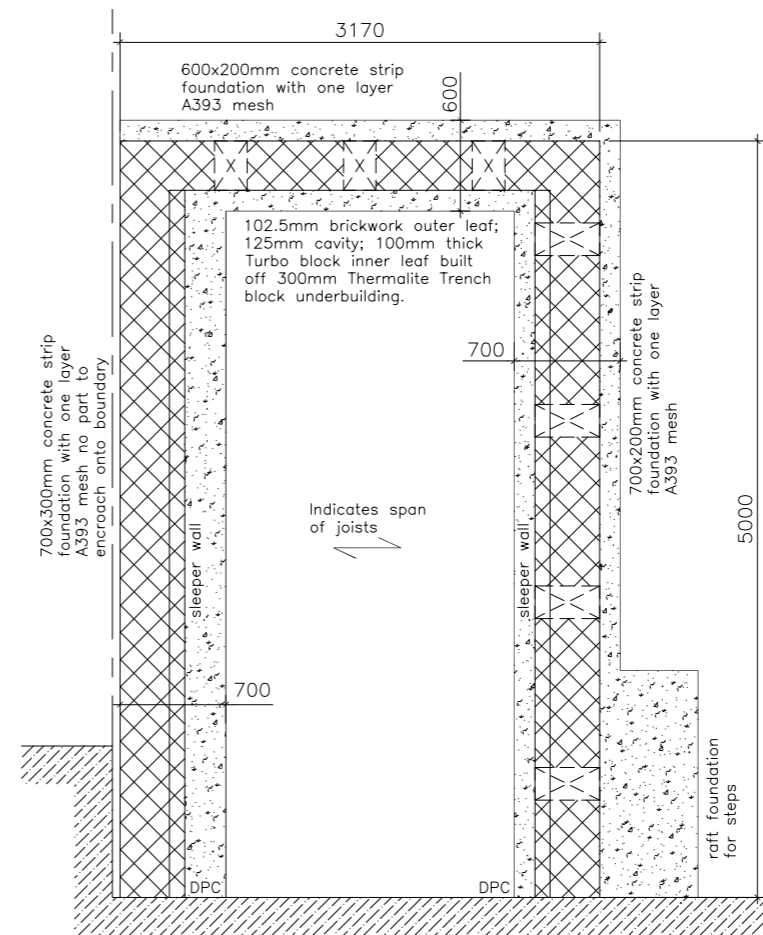


Proposed Part Ground Floor Plan (1:50)



Cavities at junction with existing structure to be continuous. Vertical dpc cavity tray introduced into existing masonry skin.

Catnic galvanised steel wall connectors to be used in both inner and outer leaves of cavity wall to provide lateral support.

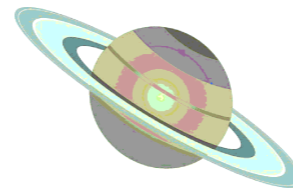
Proposed Foundation Plan (1:50)

FOUNDATIONS:
Minimum frost cover to underside of foundations to be 600mm. Foundations to be 200mm deep concrete strip foundations with one layer A393 mesh with 50mm bottom cover and taken to the same depth as existing house foundations.

UNDERBUILDING:
To be Thermalite Trenchblock to ground level. All underbuilding to be in good quality blockwork. A DPC to be inserted 150mm minimum above finished ground level. New walls tied to existing with stainless steel starter kits and a vertical dpc raggle in to existing wall.

SOLUM:
To be 25mm concrete on 1000 gauge Visqueen on 25mm sand blinding on 100mm well compacted and consolidated hardcore. Finished solum level to be above ground level. 150mm minimum airspace between the underside of the floor joists and the finished solum level. Solum vented with 215x65mm F.A.I.s at maximum 2000mm centres, continuous throughout cavity using fireclay liners.

PLAN-iT
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Client **Mr & Mrs Howie/Caledonian Windows**

Project **Proposed extension to rear of dwelling at 10 Knockrivoch Place, Ardrossan**

Drawing **Proposed floor plan & foundation plan**

drawing number **A203-02**

revision

scale **as shown**

drawn **CP**

checked

date