

ridge line

additional rafter placed next to existing to form opening for rooflight trimmers at head and foot of opening

47x195mm rafters at 450mm maximum centres with holding down straps at wallhead

2/47x195mm rafters at sides of rooflights

outriggers at gables

JH- Denotes Simpson JHA Joist Hanger or equivalent  
11356

### ROOF PLAN 1:50

#### SITE PREPARATION

Unsuitable material including turf vegetable matter wood roots and topsoil should be removed from the ground to be covered by the building and the 'ground immediately adjoining' the building to a depth of at least that which will prevent later growth that could damage the building.

#### FOUNDATIONS

610x150mm concrete strip foundations  
All to be 450mm min. below finished ground level. and below invert of existing drains  
Drill existing foundations to receive mild steel rods set in epoxy resin to secure new foundations to existing

#### EXTERNAL WALLS

100mm external leaf of dense concrete blockwork  
60mm cavity 150mm inner leaf of dense concrete blockwork on 610x150mm concrete strip foundation on firm bearing strata

#### DRAINAGE

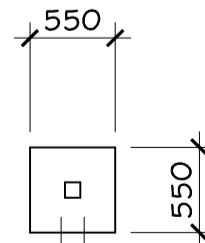
Surface water drainage to be connected to soakaways a minimum distance of 5 metres from buildings roads and boundaries designed to clause 3.6.5 or guidance in BRE digest 365 "Soakaway Design"

#### SETTING OUT EXTENSION

Face of wall to 345mm from corner of existing building

+ Denotes position of 1200 long 50x3.0mm galvanised holding down strap fully nailed in accordance with manufacturers recommendations

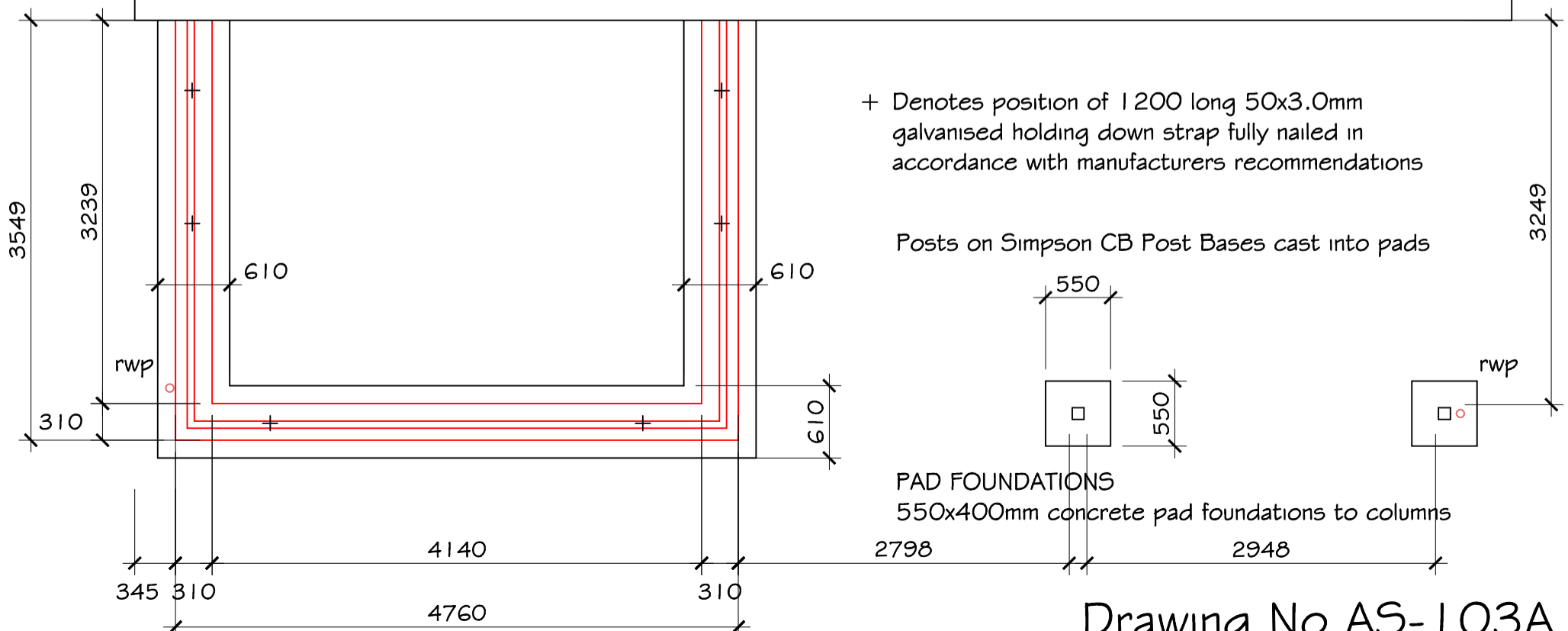
Posts on Simpson CB Post Bases cast into pads



PAD FOUNDATIONS  
550x400mm concrete pad foundations to columns

2798

2948



### FOUNDATION PLAN 1:50

Drawing No AS-103A  
Wheatcroft Castle Douglas