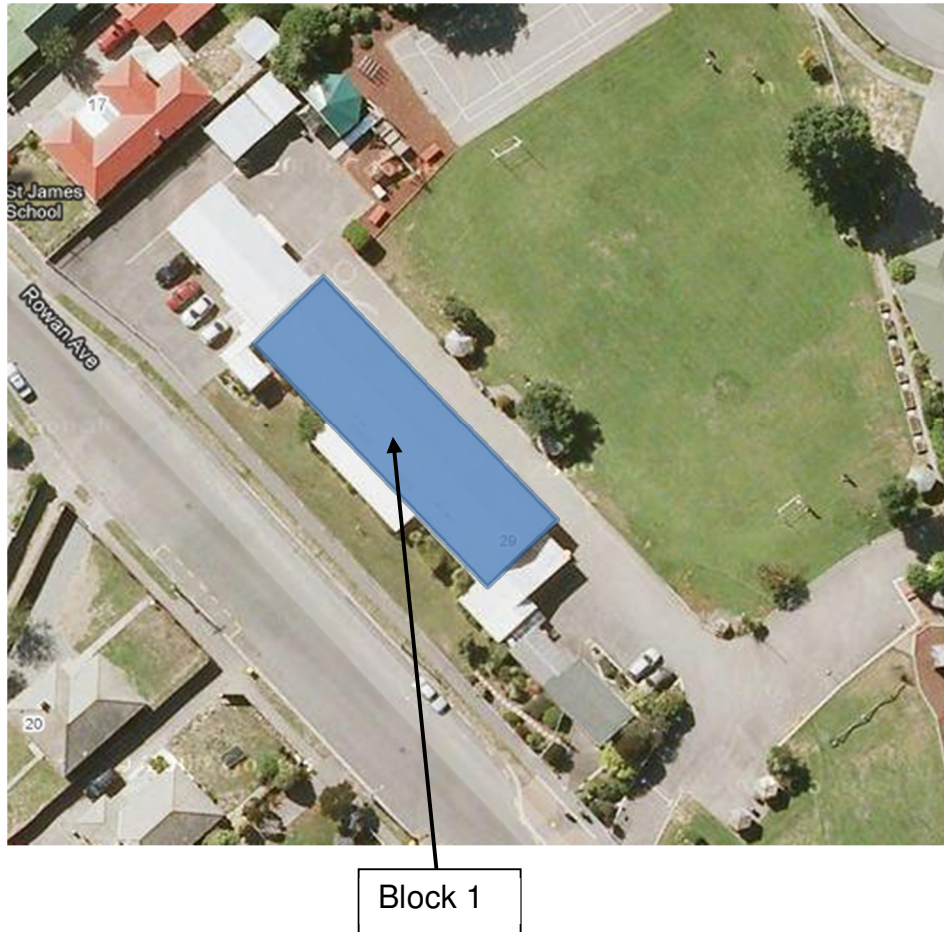


## St James' School (Aranui)



During the course of the yet to be completed detailed engineering evaluation (DEE) of St James' School, structural engineers from Opus International Consultants have determined Block 1 to be earthquake prone. Thus Block 1 requires remedial work in order to meet appropriate building standards.

The structural engineers have alerted the Catholic Diocese of Christchurch to this preliminary finding and the Diocese has determined that Block 1 is to undergo immediate temporary remedial work in order to improve the seismic capacity of the building.

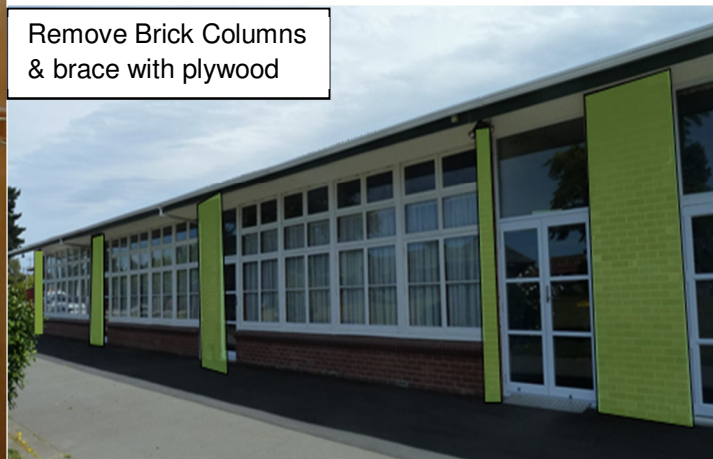
The following actions will be undertaken during the week commencing 1<sup>st</sup> October 2012:

1. Hann Construction will commence the appropriate temporary bracing work that the structural engineers from Opus International have detailed and specified.
2. The strengthening scheme entails installing steel hold downs & plywood bracing to three sections of internal wall along the main Corridor and the removal of the high brick columns along the external Northern elevation to be replaced with Plywood bracing panels to improve the seismic capacity of the building and to remove the lines of weakness through the length of the building:



Indicative internal  
plywood bracing

Remove Brick Columns  
& brace with plywood



3. This bracing work will improve the seismic capacity of the building to 40% of the new building standard.
4. When this bracing work has been completed the classrooms in Block 1 will no longer be considered earthquake prone and will be able to be re-occupied for teaching and learning.
5. Following the completion of this temporary bracing work the Diocese will include Block 1 in its diocesan-wide budgeting process for providing a permanent and more cosmetically pleasing strengthening solution for all buildings, in all schools, to a seismic capacity >67%NBS.

**Mike Nolan**  
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**Catholic Education Office**  
**28 September 2012**