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# Christchurch Girls' High School rebuild processes - indicative timeline

~~UNOFFICIAL INFORMATION ACT~~

February 2020

Ministry of Education

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We passionately believe that the flow-on effect from focusing on helping **fuel the prosperity** of our clients significantly contributes to ensuring that our communities, and ultimately our country and all New Zealanders, will enjoy a more prosperous future.

# FUELING PROSPERITY

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## Disclaimers

### Inherent Limitations

This report has been prepared in accordance with our Engagement Letter dated 9 May 2019. Unless stated otherwise in the Engagement Letter, this report is not to be shared with third parties. However, we are aware that you may wish to disclose to central agencies and/or relevant Ministers offices elements of any report we provide to you under the terms of this engagement. In this event, we will not require central agencies or relevant Ministers' offices to sign any separate waivers.

The services provided under our engagement letter ('Services') have not been undertaken in accordance with an audit, review or assurance standards. The term "Audit/Review" used in this report does not relate to an Audit/Review as defined under professional assurance standards.

The information presented in this report is based on that made available to us in the course of our work. We have indicated within this report the sources of the information provided. Unless otherwise stated in this report, we have relied upon the truth, accuracy and completeness of any information provided or made available to us in connection with the Services without independently verifying it.

No warranty of completeness, accuracy or reliability is given in relation to the statements and representations made by, and the information and documentation provided by, the stakeholders consulted as part of the process.

### Third Party Reliance

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Additionally, we reserve the right but not the obligation to update our report or to revise the information contained therein because of events and transactions occurring subsequent to the date of this report.

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## 1. Indicative timelines

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# Indicative timelines

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# Master Planning and budget timeline

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# Master planning and budget timeline

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Date	Event
	<del>NOTES</del>
27/05/2013	— The Ministry of Education issued a Request for Proposal (RFP), seeking service providers interested in becoming members of the Ministry's Master Planning Services panel.
2/09/2013	<ul style="list-style-type: none"><li>— Jasmax was engaged by the Ministry of Education under a Master Services Agreement (MSA) for the Christchurch Girls' High School rebuild project.</li><li>— The MSA agreed the key terms and conditions for the supply of design services. It stated that the scope and agreed fee of individual projects (i.e. Master Planning or Main Block design) would be detailed within individual statements of work (SOW).</li></ul>
	<del>NOTES</del>
11/04/2014	<ul style="list-style-type: none"><li>— The Ministry of Education approved to bring forward Master Planning for Christchurch Girls' High School. The approval brought Master Planning forward from the planned commencement in the first quarter of 2018.</li><li>— The rationale for commencing Master Planning early was to confirm a site location for a new auditorium immediately following its demolition.</li></ul>
22/09/2014	<ul style="list-style-type: none"><li>— This was approved by Jerome Sheppard (Group Manager, Service Delivery Manager, EIS).</li><li>— Jasmax was scheduled to commence Master Planning under the contract.</li></ul>
	<del>NOTES</del>
23/09/2014	<ul style="list-style-type: none"><li>— SOW was executed between the Ministry of Education and Jasmax for Master Planning.</li><li>— Key terms agreed in the SOW included:<ul style="list-style-type: none"><li>— Master Planning would commence on 22 September 2014.</li><li>— Master Planning would be completed in November 2014.</li><li>— The fixed price for the services was \$136,650.40.</li></ul></li></ul>
03/10/2014	<ul style="list-style-type: none"><li>— The Ministry of Education approved the commencement of Master Planning phase for Christchurch Girls' High School.</li><li>— This was approved by David Hoborn (Acting Programme Manager) and Angela Hawkings (Programme Director).</li><li>— The memo proposed that the Master Plan would be designed for a roll of 1,250 students. This was conditional on the roll being reassessed prior to the school's entry onto the CSR programme.</li></ul>

# Master planning and budget timeline

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Date	Event
02/11/2015	<ul style="list-style-type: none"><li>– The Ministry of Education Design Review Panel (DRP) reviewed the preliminary designs for the school's Master Plan and the Performing Arts Centre which was designed for a roll of 1,250 students.</li><li>– The panel supported the Master Plan and Performing Arts Centre designs by approving the plan to proceed as noted. This was on the basis that the open plan layout for the administration area was adopted as planned.</li></ul>
09/12/2015	<ul style="list-style-type: none"><li>– The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of \$27m for the Christchurch Girls' High School rebuild.</li><li>– The approval was made subject to the approval of the required funding in the 2016 budget:</li><li>– Key budget allocations included the following:<ul style="list-style-type: none"><li>– Performing Arts Centre: \$8,400,000</li><li>– Main Block repairs, Link Building demolition and landscaping: \$8,187,100</li><li>– Arts Block and pool demolition: \$905,000</li><li>– Gym and Technology Block repairs: \$2,279,000</li><li>– Professional fees: \$3,241,652</li><li>– Project contingency: \$1,200,000</li></ul></li><li>– The Ministry of Education and Christchurch Girls' High School discussed the following items during the CSR meeting:<ul style="list-style-type: none"><li>– Christchurch Girls' High School considered that the basis for the original budget was flawed.</li><li>– The Ministry stated that they were "concerned that the request to 'ring fence' the budget against certain buildings was not appropriate. Budgets for all CSR schools were set using the same methodology. In most schools projects, the full master plan will not be achieved within the CSR budget, and therefore the projects are staged. The Ministry is putting in place a 20 year cohesive site plan (the master plan) for every school to reduce ad hoc projects occurring that do not connect the school. The master plans are staged, stage one is what can be achieved with the CSR budget. Subsequent stages would be completed as funding allowed".</li><li>– The Ministry of Education committed to reimbursing \$324,193 to the Christchurch Girls' High School CSR budget. The reimbursement was made to compensate the School for self-funding structural damage assessment reports and project management for Acland House refurbishment</li><li>– The School noted they were concerned that the budget would not allow for advanced ILE (heating, lighting, ventilation, acoustics) work to be done, while the Ministry of Education confirmed that a significant amount of the core ILE would be completed under CSR.</li><li>– The School also stated that they did not agree with the build roll of 1,100 noting that they were already at 1,100 students and their own research had shown that state integrated rolls had gone up in Christchurch.</li></ul></li></ul>
11/12/2015	

# Master planning and budget timeline

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Date	Event
<b>2018</b>	
19/04/2018	<p>— The Ministry of Education submitted an internal change request. The request sought to increase the overall CSR budget for the Christchurch Girls' High School rebuild by \$13.72 million to cover increased scope requirements, decanting costs for the school and increases to the master plan for the Arts Block.</p>
30/04/2018	<p>— The Ministry of Education Investment Board endorsed for inclusion into the Omnibus Paper, a request for additional funding for the Christchurch Girls' High School CSR budget of \$13.72 million.</p>
22/05/2018	<p>— Kim Shannon (head of Education Infrastructure Services) endorsed the funding request for the Christchurch Girls' High School. The new funding allocation increased the total project budget</p> <p>— Cabinet approved an increase of \$13.72 million towards the CSR budget for the Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million.</p> <p>— The additional funding was approved to be allocated as follows:</p> <ul style="list-style-type: none"><li>— Increase of \$7,536,555 for the Main Block, Link Building and Landscaping (revised total allocation of \$15,923,655).</li><li>— Increase of \$22,498 for the gym repairs (revised total allocation of \$1,439,498).</li><li>— Reduction of \$161,246 for the Arts Block weather tightness and pool demolition (revised total allocation of \$743,754).</li><li>— Increase of \$1,417,811 for the Arts Block fit-out (revised total allocation of \$1,417,811).</li><li>— Increase of \$2,710,443 for the PAC rebuild (revised total allocation of \$11,110,443).</li><li>— Increase of \$743,606 for the Technology Block repairs (revised total allocation of \$1,605,606).</li><li>— Increase of \$197,009 for the relocation of the relocatable classrooms (revised total allocation of \$197,009).</li></ul>

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## Main Block timeline

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# Main Block timeline

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Date	Event
<b>2012</b>	
17/07/2012	<ul style="list-style-type: none"> <li>Opus completed a remediation feasibility assessment on the Main Block at Christchurch Girls' High School. The assessment found that repairing the Main Block to between 50% and 70% of the NBS was possible while keeping the upper level floors of the building operational.</li> </ul>
<b>2015</b>	
29/04/2015	<ul style="list-style-type: none"> <li>The option to remediate the Main Block was confirmed and agreed with the Christchurch Girls' High School Board of Trustees.</li> <li>A submission was received from Jasmax in response to the request for quotation (RFQ) issued by the Ministry of Education. The RFQ sought lead design service providers for Christchurch Girls' High School's CSR programme.</li> <li>The Jasmax price response included design fees of \$935,900 for the Main Block.</li> </ul>
11/06/2015	
29/06/2015	<ul style="list-style-type: none"> <li>Jasmax commenced design for the Main Block works.</li> </ul>
18/08/2015	<ul style="list-style-type: none"> <li>Lewis Bradford completed a Structural Design Features Report on the potential options for remediating the Main Block. The report provided the following two options:           <ul style="list-style-type: none"> <li>Option A: repair and strengthening of the building to minimum strength requirements (between 30% and 40% of the NBS).</li> <li>Option B: strengthening the building to 60%-70% of the NBS.</li> </ul> </li> <li>The main works identified to repair and strengthen building would require the following:           <ul style="list-style-type: none"> <li>Remove the existing ground concrete floor</li> <li>Remove the soil and excavate to 1200mm</li> <li>Install new ground beams</li> <li>Re-compact ground with hard fill</li> <li>Pour a new 400mm deep rib raft floor slab</li> </ul> </li> </ul>
20/08/2015	<ul style="list-style-type: none"> <li>AECOM completed a Structural Options Review for the Main Block. The review provided costings for two remediation options identified by Lewis Bradford.</li> <li>The costings were returned as follows:</li> <li>Option A (minimum strengthening) cost estimation of \$4,704,000.</li> <li>Option B (repair to 60%-70% of the NBS) cost estimated of \$5,828,208.</li> </ul>
20/09/2015	<ul style="list-style-type: none"> <li>Christchurch Girls' High School stated it was their preference to defer major works to the ground floor of the Main Block until after completion of the Performing Arts Centre.</li> </ul>
1/12/2015	<ul style="list-style-type: none"> <li>The Ministry of Education noted in an internal discussion paper that it was their preference to strengthen the Main Block to 35%-45% of the NBS (Option A presented by Lewis Bradford)</li> </ul>

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## Main Block timeline

Date	Event
	<b>2015 (continued)</b>
9/12/2015	<ul style="list-style-type: none"> <li>— The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation for Christchurch Girls' High School.</li> <li>— The school was allocated \$27m in total to complete several building repair and rebuild projects.</li> <li>— The Main Block remediation was allocated a budget of \$7,367,000.</li> </ul>
11/12/2015	<ul style="list-style-type: none"> <li>— Christchurch Girls' High School stated during a meeting with the Ministry of Education that they were not happy with the decision not to strengthen the building to 67% of the NBS in the short term.</li> <li>— The Ministry of Education confirmed it was their policy to bring schools above earthquake prone levels in the short-term, and in the medium term to bring them up to 67% of the NBS.</li> <li>— The Ministry of Education reaffirmed to Christchurch Girls' High School that it was their preference to remediate the Main Block to 45% of the NBS in the short term, and then bring the building up to 67% of the NBS within ten years.</li> </ul>
16/12/2015	<ul style="list-style-type: none"> <li>— It was noted in the letter that if the school wanted the building remediated to 67% of the NBS, then the school could elect to re-allocate a portion of their CSR budget to remediate the Main Block. However, it was noted that re-allocating the budget would mean that a pre-approved project would have to be foregone (such as the Technology Block remediation, landscaping and furniture, fixtures and equipment).</li> </ul>
	<b>2016</b>
14/12/2016	<ul style="list-style-type: none"> <li>— Request for Tender (RFT) was issued for the Christchurch Girls' High School Stage Three works.</li> <li>— The scope of the Stage Three works was to include the following phases: <ul style="list-style-type: none"> <li>— Phase A (February 2017 – June 2017): Early Contractor Involvement (ECI) for input into design, planning and programming of construction works for the Arts Block, Link Building demolition and Main Block.</li> <li>— Phase B (July 2017 – October 2017): Arts Block fit-out works (internal fit-out of the building). It was anticipated that these works would be completed by October 2017 to allow the school to decent from the ground floor of the Main Block into the Arts Block so that works could commence on the Main Block remediation.</li> <li>— Phase C (September 2017 – October 2017): Link Building demolition</li> <li>— Phase D (July 2017 to June 2018 or Jan 2019): Main Block remediation and refurbishment works (weather tightness remediation, earthquake repairs and building strengthening works).</li> </ul> </li> </ul>
	<b>2017</b>
02/03/2017	<ul style="list-style-type: none"> <li>— The ECI Agreement commenced between Naylor Love and the Ministry of Education.</li> <li>— The agreement related to construction works for the Arts Block (fit-out), Link Building demolition and Main Block remediation.</li> </ul>
15/06/2017	<ul style="list-style-type: none"> <li>— Naylor Love was scheduled to complete the ECI phase for the Arts Block (fit-out), Main Block remediation and Link Building demolition.</li> </ul>
12/09/2017	<ul style="list-style-type: none"> <li>— Preliminary and General Specification document was submitted to Naylor Love for the Main Block remediation and Arts Block fit out.</li> </ul>

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## Main Block timeline

Date	Event
<b>2017 (continued)</b>	
25/10/2017	<ul style="list-style-type: none"><li>— RDT Pacific, Beca and the Ministry of Education agreed during a meeting that the AP3 project (Main Block remediation, Arts Block fit-out and Link Building demolition) could not proceed at the tender price returned by Naylor Love. The pricing proposal was circa \$5m over the approved budget for the project and therefore alternative options would have to be explored.</li></ul>
31/10/2017	<ul style="list-style-type: none"><li>— RDT Pacific noted to the Ministry of Education that following the meeting on the 25th of October 2017 the recommended option for progressing the AP3 project was to stage the project into two phases, being:<ul style="list-style-type: none"><li>— Stage one: Main Block Level Four and Roof (November 2017 - May 2018)</li><li>— Stage two: Main Block remaining floors and Arts Block (November 2018 - September 2019).</li></ul></li></ul>
6/11/2017	<p>The option was recommended on the basis that staging the works would provide additional time to value engineer the project within the \$10.5m budget.</p> <ul style="list-style-type: none"><li>— The design was completed for the Main Block remediation following issuance of building consent by the Christchurch City Council.</li><li>— A revised scope outline was issued to Naylor Love following the decision being made to stage the AP3 works in two phases.</li><li>— The revised scope amended the following from the call for tender:<ul style="list-style-type: none"><li>— The Main Block scope was revised to include only works to the roof and level four.</li><li>— The Arts Block fit-out was removed from the project scope.</li></ul></li><li>— Naylor Love was given possession of the site to commence works on the Main Block.</li><li>— Naylor Love was engaged by the Ministry of Education under a letter of intent (LOI) to proceed with the Main Block stage one works.</li><li>— The key terms of the LOI were:<ul style="list-style-type: none"><li>— Naylor Love would commence early site works for the Main Block on 09/11/2017</li><li>— Naylor Love was authorised to complete early site works up to an aggregate value of \$750,000</li><li>— The Ministry of Education intended to enter into a fixed price lump sum contract with Naylor Love subject to both parties reaching an agreement on the terms and conditions of the construction contract</li></ul></li></ul>
27/11/2017	<ul style="list-style-type: none"><li>— Naylor Love submitted a tender for the Main Block roof repairs and level four remediation.</li></ul>
13/12/2017	<ul style="list-style-type: none"><li>— The price quoted to deliver the project was \$3,462,212.</li></ul>
<b>2018</b>	
7/02/2018	<ul style="list-style-type: none"><li>— The school noted that the steel installation works being completed for the Main Block was too noisy and therefore could not continue during the school day.</li></ul>

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## Main Block timeline

Date	Event
<b>2018 (continued)</b>	
9/02/2018	<ul style="list-style-type: none"><li>— A certificate of public use (CPU) was issued for the Main Block by the Christchurch City Council.</li><li>— The CPU was valid until 31 July 2018.</li></ul>
23/02/2018	<ul style="list-style-type: none"><li>— It was noted that there had been an incident raised by the school where welding fumes carried through the building causing a number of complaints fielded by the school around headaches and sore eyes.</li><li>— It was agreed between the Ministry of Education, Christchurch Girls' High School, RDTT Pacific and Naylor Loves that any future welding works would have to be undertaken outside of school hours.</li></ul>
28/02/2018	<ul style="list-style-type: none"><li>— David Hobern (Programme Manager), Angela Hawking (National Director, Capital Works) and Kim Shannon (Head of Education Infrastructure Services) gave their final approval to proceed to construction contract signing with Naylor Love for the Main Block refurbishment.</li></ul>
11/03/2018	<ul style="list-style-type: none"><li>— Naylor Love was instructed to move FRP works outside of school hours due to concerns from staff around noise and fumes.</li></ul>
17/04/2018	<ul style="list-style-type: none"><li>— Naylor Love was instructed to move all site works outside of school hours due to operational risks relating to concerns over the Christchurch Girls' High School staff work environment.</li></ul>
30/04/2018	<ul style="list-style-type: none"><li>— The Ministry of Education Investment Board endorsed for inclusion into the Omnibus Paper the following decisions:<ul style="list-style-type: none"><li>— Strengthening the Christchurch Girls' Main Block to 67% of the National Building Standard.</li><li>— Additional funding for the Christchurch Girls' High School [REDACTED] budget of \$13.72 million.</li></ul></li></ul>
24/05/2018	<ul style="list-style-type: none"><li>— Naylor Love was scheduled to complete the Main Block (base one) works under the contract.</li></ul>
8/06/2018	<ul style="list-style-type: none"><li>— RDT Pacific approved an extension of time request (EOT) made by Naylor Love for the Main Block works. Approval shifted the completion date from the 24/05/2018 to the new completion date of 13/06/2018.</li><li>— The EOT was required due to delays relating to commencement, fabrication and change in work methodology associated with the structural steel installation.</li></ul>

# Main Block timeline

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Date	Event
<b>2018 (continued)</b>	
31/05/2018	<ul style="list-style-type: none"><li>— During the Project Control Group meeting (PCG) it was agreed by the Ministry of Education and Christchurch Girls' High School that the Main Block (phase two) works would proceed as originally programmed with the work to be carried out from 4pm-1am.</li><li>— The decision was made following the release of the findings of the Health, Safety and Well-being report commissioned by the school.</li></ul>
13/06/2018	<ul style="list-style-type: none"><li>— Naylor Love scheduled to complete the Main Block (phase one) based on the approved EOT.</li></ul>
26/06/2018	<ul style="list-style-type: none"><li>— Cabinet approved an increase of \$13.72 million towards the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million.</li><li>— The budget increase provided additional funding of \$7,536,555 for the Main Block, Link Building and Landscaping (revised total allocation of \$15,923,655).</li></ul>
29/06/2018	<ul style="list-style-type: none"><li>— During the School Development Group (SDG) meeting it was noted that it had been collectively agreed between the Ministry of Education and the Christchurch Girls' High School Board of Trustees that the Main Block (phase two) works was to be put on hold/paused until further investigations are done on the feasibility of continuing with the works and determining the best way forward.</li></ul>
31/07/2018	<ul style="list-style-type: none"><li>— CPU re-issued for the Main Block by the Christchurch City Council following the initial expiry on 31/07/2018.</li></ul>
3/08/2018	<ul style="list-style-type: none"><li>— The Main Block works was completed by Naylor Love.</li><li>— The final works was completed for a total cost of \$5,445,403. The agreed tender price was \$3,462,212, the original budget allocation was \$7,637,000 and the revised budget allocation was \$15,037,213.</li><li>— The project variances are summarised below:<ul style="list-style-type: none"><li>— The final cost was \$1,983,252.31 more than the agreed tender price due to a number of additional scope items including the following: roof structure plant deck changes, plant/equipment changes (i.e. HVAC, crane repairs and fibre reinforced polymer strips, fume cupboard extract flue removal and replacement, staging of works to align with CPU requirements).</li><li>— The final cost was \$2,191,535.69 less than the original budget allocation due to a significant scope reduction which included only works to the roof and level four.</li><li>— The final cost was \$9,591,748.59 less than the revised budget allocation due to a significant scope reduction which included only works to the roof and level four.</li></ul></li></ul>
04/08/2018	<ul style="list-style-type: none"><li>— The school began moving into the Main Block following completion of the works on 03/08/2018.</li></ul>

# Main Block timeline

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Date	Event
<b>2018 (continued)</b>	
12/09/2018	<ul style="list-style-type: none"><li>— RD Pacific approved a project extension request made by Taylor Love for the Main Block works. Approval shifted the completion date from the 13/06/2018 to the new completion date of 03/08/2018.</li><li>— The EOT was required due to the following:<ul style="list-style-type: none"><li>– Delays with the re-design and inclusion of mechanical equipment and ducting to level four, and the requirements for crack injection to level four prior to the FRP installation.</li><li>– Delays relating to the provision of updated construction issue documentation for the balcony reinstatement.</li></ul></li></ul>
14/12/2018	<ul style="list-style-type: none"><li>— Expiry date for the Main Block CPU following the phase one works.</li></ul>
<b>2019</b>	
28/01/2019	<ul style="list-style-type: none"><li>— CPU re-issued for the Main Block following the phase one works.</li></ul>
09/05/2019	<ul style="list-style-type: none"><li>— KPMG was engaged to assist the Ministry of Education and Christchurch Girls' High School with developing a preferred option for the Main Block.</li></ul>
30/06/2019	<ul style="list-style-type: none"><li>— Expiry date for the Main Block CPU following the re-issuance in January 2019.</li></ul>
31/10/2019	<ul style="list-style-type: none"><li>— The final options paper was completed by KPMG which detailed the four short-listed options for the Christchurch Girls' High School's Main Block. The short-listed options paper included the following options:<ul style="list-style-type: none"><li>– Rebuild the Main Block on more seismically resilient ground (away from the river) and then demolish the existing Main Block.</li><li>– Delay the rebuild of the Main Block on more seismically resilient ground (away from the river) until 2025 and then demolish the existing Main Block.</li><li>– Refurbish and repair the existing Main Block and decent to Avonside Girls' High School for a period of two years.</li><li>– Refurbish and repair the existing Main Block and provide temporary accommodation on the Christchurch Girls' High School field.</li></ul></li></ul>

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# Performing Arts Centre timeline

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# Performing Arts Centre timeline

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Date	Event
<b>2014</b>	
11/04/2014	— The decision to proceed to demolition of the auditorium was approved by Jerome Sheppard (Group Manager, Services Delivery Manager, EIS).
<b>2015</b>	
11/06/2015	— A submission was made by Jasmax in response to the request for quotation (RFQ) issued by the Ministry of Education. The RFQ sought lead design service providers for Christchurch Girls' High School's CSR programme. — The price response included design fees of \$1,019,825 for the Performing Arts Centre.
29/06/2015	— Jasmax commenced design on the Performing Arts Centre.
02/11/2015	— The Ministry of Education Design Review Panel (DRP) reviewed the preliminary designs for the school's Master Plan and the Performing Arts Centre. — The panel supported the Master Plan and Performing Arts Centre designs by approving the plan to 'proceed as noted' on the basis that the open plan layout for the administration area be adopted as planned.
02/12/2015	— A tender was submitted by March Construction for the Performing Arts Centre lateral spread and gravel raft works. — The quoted price to deliver the project was \$293,000.
09/12/2015	— The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of \$27 million for the Christchurch Girls' High School rebuild. — \$8,400,000 was allocated to the Performing Arts Centre (\$7,531,000 for the new build portion and \$569,000 for the lateral spread and gravel raft works) in the budget.
<b>2016</b>	
08/01/2016	— March Construction was scheduled to commence the Performing Arts Centre lateral spread and gravel raft works under the contract.
18/01/2016	— Ministry of Education internal approval given to commence the detailed design phase of the Christchurch Girls' High School Performing Arts Centre. — The approval was given by Dom Hoborn (Programme Manager), Angela Hawkins (Programme Director), Jerome Sheppard (Associate Deputy Secretary - Infrastructure Delivery) and Kim Shannon (Head of Education Infrastructure Service).
28/01/2016	— The design for the Performing Arts Centre was approved by the school.

# Performing Arts Centre timeline

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Date	Event
<b>2016 (continued)</b>	
4/03/2016	<ul style="list-style-type: none"><li>— March Construction was scheduled to complete the Performing Arts Centre lateral spread and graft works under the contract.</li><li>— The agreed contract price was \$569,380.</li></ul>
13/04/2016	<ul style="list-style-type: none"><li>— Tender submitted by Arrow International for the Performing Arts Centre (new build works).</li><li>— The quoted price to deliver the project was \$8,191,274.</li></ul>
	<del>PERFORMING ARTS CENTRE LATERAL SPREAD WORKS</del>
16/06/2016	<ul style="list-style-type: none"><li>— Performing Arts Centre lateral spread and gravel raft works was completed by March Construction</li><li>— The work was completed behind schedule for \$542,358. The agreed tender price was \$569,380, original budget allocation (2015) was \$569,000 and revised budget allocation was \$542,358.</li><li>— The project variances are summarised below:</li><li>— The final cost was \$27,032 less than the agreed tender price. There were variations to the project of ~\$16,000 - however these were offset by contra charge deductions for additional time spent by Tonkin and Taylor geotechnical engineers where the lateral spread works were founded at the wrong level.</li><li>— The final cost was \$26,652 less than the original budget allocation (due to the same reason as above).</li><li>— The final cost was in line with the revised budget allocation as the revised allocation was set at the agreed price with March Construction.</li></ul>
4/07/2016	<ul style="list-style-type: none"><li>— Arrow International was scheduled to commence the Performing Arts Centre (new build) works under the contract.</li></ul>
18/07/2016	<ul style="list-style-type: none"><li>— The Performing Arts Centre design was completed following issuance of building consent by the Christchurch City Council.</li></ul>
22/09/2016	<ul style="list-style-type: none"><li>— Approval was given by David Hoborn (Programme Manager) and Angela Hawkins (Director, Capital Works, Central/Southern) for the Ministry of Education to sign a construction contract for the Performing Arts Centre with Arrow International.</li></ul>
	<del>PERFORMING ARTS CENTRE CONSTRUCTION</del>
12/10/2016	<ul style="list-style-type: none"><li>— Arrow International submitted the Extension of Time (EOT) Notices for the Performing Arts Centre due to the following reasons:<ul style="list-style-type: none"><li>— Extension of time one was issued by Arrow on the basis that the Delivery of Construction Issue Drawings caused a project delay.</li><li>— Extension of time three and Extension of time four were issued by Arrow on the basis that the 'Prolongation of the Shop Drawing Process' caused project delays.</li></ul></li></ul>
	<del>PERFORMING ARTS CENTRE DELIVERY</del>

# Performing Arts Centre timeline

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Date	Event
<b>2016 (continued)</b>	
17/10/2016	Arrow International issued an extension of time (EOT two) notice on the basis that the change to the precast panel finish was a change of scope to the tender and therefore constituted a variation to the contract.
21/10/2016	Arrow International issued an extension of time (EOT six) notice on the basis that the change in level in the base was a change of scope to the tender and therefore constituted a variation to the contract.
26/10/2016	EOT one, three and four were rejected by RDT Pacific. It was determined by RDT that the shop drawing review process was one that an experienced contractor would be familiar with and therefore no EOT was warranted.
10/11/2016	RDT Pacific revised their decision on EOT's one, three and four. The decision revised the completion date of the PAC project from 15 May 2017 <sup>to</sup> 31 May 2017 (extension of time of 12 working days).
<b>2017</b>	
13/03/2017	RDT Pacific rejected the EOT made by Arrow International relating to raising the PAC building by 25mm as the works did not affect the critical path for the project.
21/03/2017	RDT Pacific revised their decision on extension of time one after receiving additional information from Arrow International. The revised decision increased the approved extension of time by three working days and shifted the completion date of the project to 5 June 2017.
10/04/2017	RDT Pacific approved EOT two which provided an extension of 10 working days. The extension revised the completion date of the project to 19 June 2017.
15/05/2017	Arrow International was scheduled to complete the Performing Arts Centre (phase two) works under the contract.

# Performing Arts Centre timeline

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Date	Event
<b>2017 (continued)</b>	
19/06/2017	— Revised completion date for the PAC following approval of EOT one, two, three, four and five.
<b>2018</b>	
19/04/2018	— Ministry of Education internal change request submitted. The request sought to increase the overall CSR budget for the Christchurch Girls' High School rebuild by \$13.72 million.
30/04/2018	— The Ministry of Education Investment Board endorsed for inclusion into the Omnibus Paper a revised budget for additional funding for the Christchurch Girls' High School CSR budget of \$13.72 million.
22/05/2018	— Kim Shannon endorsed the funding request decision made by the Investment Board on 30/04/2018 to provide additional funding of \$13.72m for the Christchurch Girls' High School CSR budget.
31/05/2018	— The school identified the following issues with the Performing Arts Centre post-completion: <ul style="list-style-type: none"><li>— Sunlight and glare.</li><li>— Noise transfer between Art/Music Room and the office.</li></ul>
26/06/2018	— Cabinet approved an increase of \$13.72 million towards the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million. <ul style="list-style-type: none"><li>— The additional funding increased the total budget by \$2,710,443 for the PAC rebuild (revised total allocation of \$11,110,443).</li></ul>
25/09/2018	— Performing Arts Centre completed. <ul style="list-style-type: none"><li>— Project was completed behind schedule for \$10,281,388.28. The agreed tender price was \$8,382,462, the original budget allocation (2015) was \$7,531,000 and the revised budget allocation was \$10,588,085.</li><li>— The project variances are summarised below:<ul style="list-style-type: none"><li>— The final cost was \$1,898,926.28 more than the agreed tender price due to numerous variations relating to the project including the following: delay costs (\$2230k), fire main works (\$150k), gym services (\$100k), RPC panels (\$75,000), roofing (\$75,000), raise building (\$35,000).</li><li>— The final cost was \$2,750,388.28 more than the original budget due to the scope variations detailed above and the higher than budgeted tender.</li><li>— The final cost was \$286,696.72 less than the revised budget allocation.</li></ul></li></ul>

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# ArtS Block (phase one) timeline

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## Arts Block (phase one) timeline

Date	Event
2015	
11/06/2015	<ul style="list-style-type: none"><li>— Jasmax made a submission in response to the RFQ issued by the Ministry of Education. The RFQ sought lead design service providers for Christchurch Girls' High School's CSR programme.</li><li>— The price response included design fees of \$130,000 for the Arts Block weather tightness and pool demolition.</li></ul>
29/06/2015	<ul style="list-style-type: none"><li>— Jasmax commenced design for the Arts Block weather tightness and pool demolition works.</li></ul>
4/11/2015	<ul style="list-style-type: none"><li>— The Ministry of Education issued a RFT for the Arts Block remediation and pool demolition construction works.</li></ul>
20/11/2015	<ul style="list-style-type: none"><li>— Downer Construction submitted a proposal in response to the RFT for the Arts Block remediation and pool demolition works.</li><li>— The quoted price to deliver the project was \$633,384.22</li></ul>
1/12/2015	<ul style="list-style-type: none"><li>— Jessica Kibblewhite gave confirmation to RoofLogic that the Arts Block remediation project would be proceeding.</li><li>— The confirmation was required prior to a main contractor being selected to ensure the roof coil product was ordered within the required timeframe.</li></ul>
3/12/2015	<ul style="list-style-type: none"><li>— Internal notification was given from the Ministry of Education procurement team to Simon Hampson, Chris Ellis and Jessica Kibblewhite that the Arts Block remediation and pool demolition works had been awarded to Downer.</li></ul>
8/12/2015	<ul style="list-style-type: none"><li>— Downer Construction was scheduled to commence works for the Arts Block remediation and pool demolition works under the construction contract.</li></ul>
9/12/2015	<ul style="list-style-type: none"><li>— The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of \$27m for the Christchurch Girls' High School rebuild.</li><li>— The Arts Block weather tightness and pool demolition was allocated \$905,000 (\$705,000 for the Arts Block works) in the budget.</li></ul>
15/12/2015	<ul style="list-style-type: none"><li>— The design was completion date for the Arts Block weather tightness and pool demolition following issuance of building consent by the Christchurch City Council.</li></ul>

# DRAFT

## Arts Block (phase one) timeline

Date	Event
	<i>REMOVED</i>
<b>2016</b>	
27/01/2016	<ul style="list-style-type: none"><li>— The Ministry of Education and Downer entered into a contract for the Arts Block weather tightness and pool demolition works.</li><li>— The agreed contract price was \$648,384.</li><li>— The contract was executed on behalf of the Ministry of Education by The Secretary for Education (the approval was made correctly in line with the Ministry DFA Policy).</li></ul>
09/02/2016	<ul style="list-style-type: none"><li>— Downer Construction was scheduled to complete the Arts Block weather tightness and pool demolition works under the contract.</li></ul>
	<i>REMOVED</i>
10/02/2016	<ul style="list-style-type: none"><li>— The Arts Block weather tightness and pool demolition was completed.</li><li>— The final works was completed on time for \$743,754. The agreed tender price was \$648,384. Original budget allocation (2015) was \$905,000 and revised budget allocation was \$743,754.</li></ul> <p>The project variances are summarised below:</p> <ul style="list-style-type: none"><li>— The final cost was \$95,369 more than the agreed tender price due to scope variances during the project.</li><li>— The final cost was \$161,246 less than the original budget allocation.</li><li>— The final cost was in line with the revised budget allocation.</li></ul>
	<i>REMOVED</i>
<b>2018</b>	
19/04/2018	<ul style="list-style-type: none"><li>— A Ministry of Education internal change request was submitted. The request sought to increase the overall CSR budget for the Christchurch Girls' High School rebuild by \$13.72 million.</li></ul>
30/04/2018	<ul style="list-style-type: none"><li>— The Ministry of Education Investment Board endorsed inclusion into the Omnibus Paper a request for additional funding for the Christchurch Girls' High School CSR budget</li></ul>
22/05/2018	<ul style="list-style-type: none"><li>— Kim Shannon endorsed the decision for \$13.72 million of additional funding made by the Investment Board on 30/04/2018 to be submitted to Cabinet for approval.</li></ul>
26/06/2018	<ul style="list-style-type: none"><li>— Cabinet approved an increase of \$13.72 million towards the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million.</li><li>— The additional funding reduced the total budget by \$161,246 for the Arts Block weather tightness and pool demolitions (revised total allocation of \$743,754).</li></ul>
	<i>REMOVED</i>

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# ArtS Block (phase two) timeline

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## Arts Block (phase two) timeline

Date	Event
	<del>REMEDIAL WORKS</del>
	<del>PHASE A</del>
	<del>PHASE B</del>
	<del>PHASE C</del>
	<del>PHASE D</del>
	<del>PHASE E</del>
	<del>PHASE F</del>
	<del>PHASE G</del>
	<del>PHASE H</del>
	<del>PHASE I</del>
	<del>PHASE J</del>
	<del>PHASE K</del>
	<del>PHASE L</del>
	<del>PHASE M</del>
	<del>PHASE N</del>
	<del>PHASE O</del>
	<del>PHASE P</del>
	<del>PHASE Q</del>
	<del>PHASE R</del>
	<del>PHASE S</del>
	<del>PHASE T</del>
	<del>PHASE U</del>
	<del>PHASE V</del>
	<del>PHASE W</del>
	<del>PHASE X</del>
	<del>PHASE Y</del>
	<del>PHASE Z</del>
2016	<ul style="list-style-type: none"> <li>— RFT was issued for the Christchurch Girls' High School stage three works.</li> <li>— The scope of the stage three works included the following phases:           <ul style="list-style-type: none"> <li>— Phase A (February 2017 – June 2017): Early Contractor Involvement (ECI) for input into design, planning and programming of construction works for the Arts Block, Link Building demolition and Main Block.</li> <li>— Phase B (July 2017 – October 2017): Arts Block fit-out works (internal fit-out of the building). It was anticipated that these works would be completed by October 2017 to allow the school to decant from the ground floor of the Main Block into the Arts Block so that works could commence on the Main Block remediation.</li> <li>— Phase C (September 2017 – October 2017): Link Building demolition</li> <li>— Phase D (July 2017 to June 2018 or Jan 2019): Main Block remediation and refurbishment works (weather tightness remediation, earthquake repairs and building strengthening works).</li> </ul> </li> </ul>
14/12/2016	
2017	<ul style="list-style-type: none"> <li>— The ECI agreement commenced between Naylor Love and the Ministry of Education.</li> <li>— The agreement related to construction works for the Arts Block (fit-out), Link Building demolition and Main Block remediation.</li> </ul>
02/03/2017	
15/06/2017	<ul style="list-style-type: none"> <li>— Naylor Love scheduled to complete the ECI phase for the Arts Block (fit-out), Main Block remediation and Link Building demolition.</li> </ul>
12/09/2017	<ul style="list-style-type: none"> <li>— Preliminary and General Specification document submitted to Naylor Love for the Main Block remediation and Arts Block fit out.</li> </ul>
18/09/2017	<ul style="list-style-type: none"> <li>— The Ministry of Education approval was given by David Hoorn (Programme Manager) and Angela Hawkings (Director, Capital Works, Central Southern) to commence detailed design and early tender phase for the Main Block remediation, Arts Block fit-out and Link Building demolition.</li> <li>— Kim Shannon noted she would not approve the memo.</li> </ul>
25/10/2017	<ul style="list-style-type: none"> <li>— RDT Pacific, Beca and the Ministry of Education agreed during a meeting that the Main Block remediation, Arts Block fit-out and Link Building demolition could no proceed at the tender price returned by Naylor Love. The price proposal was circa \$5m over the approved budget for the project and therefore alternative options would have to be explored.</li> </ul>
31/10/2017	<ul style="list-style-type: none"> <li>— RDT Pacific noted in a letter to the Ministry of Education that following the meeting on the 25th of October 2017 the recommended option for progressing the Main Block remediation, Arts Block fit-out and Link Building demolition was to stage the project into two phases, being:           <ul style="list-style-type: none"> <li>— Stage one: Main Block level four and roof (November 2017 - May 2018).</li> <li>— Stage two: Main Block remaining floors and Arts Block fit-out (November 2018 - September 2019).</li> </ul> </li> <li>— The option was recommended on the basis that staging the works would provide additional time for value engineering the project the \$10.5m budget.</li> </ul>

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## Arts Block (phase two) timeline

Date	Event
<b>2017 (continued)</b>	
2/1/2017	<ul style="list-style-type: none"><li>— Craig Morrison confirmed via email to RDT Pacific that the Arts Block fit-out works would not commence on Monday 6th November as planned and would be delayed until the following year.</li><li>— It was also confirmed that the work would be removed from the scope of the Main Block contract with Naylor Love.</li></ul>
9/1/2017	<ul style="list-style-type: none"><li>— Naylor Love issued a Revised Scope Outline for the Main Block remediation, Arts Block fit-out and Link Building demolition.</li><li>— The revised scope removed the entire Arts Block fit-out project as this was agreed to be delayed until November 2018.</li></ul>
27/11/2017	<ul style="list-style-type: none"><li>— The design was completed for the Arts Block fit-out following building consent being issued by the Christchurch City Council.</li></ul>
<b>2018</b>	
19/04/2018	<ul style="list-style-type: none"><li>— The Ministry of Education submitted an internal change request. The request sought to increase the overall CSR budget for the Christchurch Girls' High School rebuild by \$13.72 million.</li></ul>
30/04/2018	<ul style="list-style-type: none"><li>— The Ministry of Education Investment Board endorsed for inclusion into the Omnibus Paper a request for additional funding for the Christchurch Girls' High School CSR budget of \$13.72 million.</li></ul>
22/05/2018	<ul style="list-style-type: none"><li>— Kim Shannon endorsed the decision for \$13.72 million of additional funding made by the Investment Board on 30/04/2018 to be submitted to Cabinet for approval.</li></ul>
26/06/2018	<ul style="list-style-type: none"><li>— Cabinet approved an increase of \$13.72 million toward the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40.322 million.</li><li>— The additional funding provided a new allocation of \$1,417,811 for the Arts Block fit-out.</li></ul>

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# Gymnasium timeline

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## Gymnasium timeline

Date	Event
<b>2015</b>	
30/04/2015	<ul style="list-style-type: none"> <li>– Mike Lay (Christchurch Girls' High School Board of Trustee's Chairman) notified the Ministry of Education that the school would like to explore the possibility of extending the gym as the current facility was not fit for purpose.</li> </ul>
16/10/2015	<ul style="list-style-type: none"> <li>– The design contract was executed between the Ministry of Education and Hampton Jones for the Gym and Technology Block.</li> <li>– The design was agreed to be completed for a fixed price of \$261,948 for both works.</li> </ul>
9/12/2015	<ul style="list-style-type: none"> <li>– The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of ~\$27m for the Christchurch Girls' High School rebuild.</li> <li>– The Gym and Technology Block repairs were allocated \$2,290,000 in total (\$1,417,000 for the Gym).</li> </ul>
<b>2016</b>	
07/04/2016	<ul style="list-style-type: none"> <li>– Simon Hampson noted during the SDG meeting that the Board of Trustee's needs to confirm that Board approval had been received for the self-funded Gym extension. The confirmation was noted as required before the Ministry could arrange formal approval for the extension.</li> </ul>
02/05/2016	<ul style="list-style-type: none"> <li>– Simon Hampson submitted an internal Ministry of Education request to allow the Christchurch Girls' High School Board of Trustee's to self-fund the extension to the Gym.</li> </ul>
3/05/2016	<ul style="list-style-type: none"> <li>– The Christchurch Girls' High School request to self-fund \$989,754 towards the Gym extension was approved by Fiona Hollingworth (Senior Financial Advisor).</li> <li>– The Ministry agreed to project manage the extension alongside the gym repairs.</li> </ul>
31/05/2016	<ul style="list-style-type: none"> <li>– An RFT was issued by the Ministry of Education seeking contractors for the Gym repairs and extension.</li> </ul>
23/06/2016	<ul style="list-style-type: none"> <li>– Watts and Hughes submitted their proposal in response to the RFT for the Gym repairs and extension.</li> <li>– The quoted price to deliver the works was \$1,353,917.65.</li> </ul>
03/08/2016	<ul style="list-style-type: none"> <li>– The Watts and Hughes tender was approved internally by the Ministry of Education procurement team.</li> </ul>
18/08/2016	<ul style="list-style-type: none"> <li>– The Ministry of Education gave notification to Watts and Hughes that they had been selected as the preferred contractor for the Gym repairs and extension.</li> <li>– The agreed contract price was \$1,489,428.</li> </ul>

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## Gymnasium timeline

Date	Event
<b>2016 (continued)</b>	
1/09/2016	<ul style="list-style-type: none"><li>— Mike Lay on behalf of the Christchurch Girls' High School Board of Trustee's stated that the school was not in agreement with the Ministry's proposal over the post-construction cost allocation for the gym remediation and extension. The proposal was for the Ministry to fund 75% of the post-construction maintenance costs and Christchurch Girls' High School to fund the remaining 25% as the building was to be jointly owned at completion.</li><li>— It was stated by the Board of Trustee's that "we do not wish to incur any ongoing maintenance cost for the existing gym facility. The extension that the board is funding is space related only and has no "infrastructure" associated with it which is likely to incur ongoing costs, e.g. toilets and monitoring and storage etc. Some of this will be in need of repair work in the not too distant future. This should not be the boards responsibility. Nor do we wish to be required to pay for future capital work in reconfiguring any of these spaces that may need to happen as part of 5ya. For these reasons the board only wish to incur future maintenance and capital expenditure on the extension proportion only".</li></ul>
5/09/2016	<ul style="list-style-type: none"><li>— Mike reaffirmed that Board of Trustee's would not be proceeding with the Ministry of Education's proposed post-construction agreement for the gym.</li><li>— The Board's position was that they were not willing to fund 25% of post-construction maintenance for maintenance to the pre-existing gym structure as these costs would have been required regardless of the extension to the Gym and therefore should be responsibility of the Ministry of Education.</li></ul>
9/09/2016	<ul style="list-style-type: none"><li>— The design for the Gym repairs and extension was completed by Hampton Jones following issuance of Building Consent by the Christchurch City Council.</li></ul>
14/09/2016	<ul style="list-style-type: none"><li>— The Ministry of Education and the Christchurch Girls' High School Board of Trustee's reached an agreement in relation to the future maintenance cost allocation for the Gym. The key terms of the agreement were:<ul style="list-style-type: none"><li>— The Gym extension would not be subject to SPG calculations and would be denoted in data records under Board of Trustee's ownership.</li><li>— The Board of Trustee's would contribute 12.91% to future Gym related maintenance projects.</li><li>— The Ministry of Education would upgrade the office area of the gymnasium at the conclusion of the school's redevelopment program only if there was available remaining budget permitting.</li></ul></li></ul>
16/09/2016	<ul style="list-style-type: none"><li>— Watts and Hughes was scheduled to commence the Gym works under the contract.</li></ul>
<b>2017</b>	
27/01/2017	<ul style="list-style-type: none"><li>— Site handover date from Watts and Hughes to the school.</li></ul>
10/02/2017	<ul style="list-style-type: none"><li>— Watts and Hughes was scheduled to complete the Gym repairs and extension under the contract.</li></ul>
17/07/2017	<ul style="list-style-type: none"><li>— The Gym repairs and extension was completed by contractor Watts and Hughes.</li><li>— The project was completed behind schedule with the final project cost yet to be agreed with the contractor.</li></ul>

# Gymnasium timeline

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Date	Event
<del>CONFIDENTIAL</del>	
19/04/2018	The Ministry of Education submitted an internal change request. The request sought to increase the overall CSR budget for the Christchurch Girls' High School rebuild by \$13.72 million.
30/04/2018	The Ministry of Education Investment Board endorsed for inclusion into the Omnibus Paper a request for additional funding for the Christchurch Girls' High School CSR budget of \$13.72 million.
22/05/2018	Kim Shannon endorsed the decision for \$13.72 million of additional funding made by the Investment Board on 30/04/2018 to be submitted to Cabinet for approval.
<del>CONFIDENTIAL</del>	
31/05/2018	The School identified during a Project Control Group meeting that they were dissatisfied with the following:
	<ul style="list-style-type: none"> <li>— Autex was coming unstuck inside the Gym.</li> <li>— The internal floor markings had become damaged.</li> </ul>
<del>CONFIDENTIAL</del>	
26/06/2018	Cabinet approved an increase of \$13.72 million towards the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40.322 million. The additional funding increased the total budget by \$22,498 for the for the Gym repairs and extension (revised total allocation of \$1,439,498).
<del>CONFIDENTIAL</del>	
01/07/2019	<p>Watts and Hughes issued the final invoice for Gym repairs and extension.</p> <p>The final project cost was \$1,998,834.69 (this amount does not include the \$568,559 that was funded by the Board of Trustee's for the Gym extension). The agreed tender price was \$1,489,428, the original budget allocation (2015) was \$1,417,000, and the revised budget allocation was \$1,439,498.</p> <p>The project variances are summarised below:</p> <ul style="list-style-type: none"> <li>— The final cost was \$509,406.69 more than the agreed tender price due to 67 project variations, which included the following: sprinkler system (\$100k), timber framing (\$100k), level one classroom (\$30k), services modifications (\$50k), stair reconfiguration (\$22k) and a number of defects noted by the school post-completion.</li> <li>— The final cost was \$581,834.69 more than the original budget allocation.</li> <li>— The final cost was \$559,336.63 more than the revised budget allocation.</li> </ul>

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# Link Building and Technology Block timeline

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## Link Building and Technology Block timeline

Date	Event
<b>2015</b>	<del>LINK BUILDING AND TECHNOLOGY BLOCK</del>
16/10/2015	<ul style="list-style-type: none"><li>— Design contract executed between the Ministry of Education and Hampton Jones.</li><li>— The scope of the contract included design services for both the Gym weather tightness and seismic strengthening, and the Technology Block weather tightness and seismic strengthening.</li><li>— The agreed price for design of the Gym and Technology Block was \$261,948.</li></ul>
9/12/2015	<ul style="list-style-type: none"><li>— The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of \$27m for the Christchurch Girls' High School rebuild.</li><li>— The Link Building demolition was allocated \$50,000 and the Technology Block was allocated \$80,000.</li></ul>
16/12/2015	<ul style="list-style-type: none"><li>— The Ministry stated in a letter to Christchurch Girls' High School that based on the school's head roll of 1,100 the school would have around 1,800m<sup>2</sup> more capacity than the property guide entitlement and it was therefore, the Ministry's preference to demolish the Technology Block to address the over-entitlement.</li></ul>
<b>2016</b>	<del>LINK BUILDING AND TECHNOLOGY BLOCK</del>
14/12/2016	<ul style="list-style-type: none"><li>— RFT Issued for the Christchurch Girls' High School Stage Three works.</li><li>— The scope of the Stage Three works was to include the following phases:<ul style="list-style-type: none"><li>— Phase A (February 2017 – June 2017): Early Contractor Involvement (ECI) for input into design, planning and programming of construction works for the Arts Block, Link Building demolition and Main Block.</li><li>— Phase B (July 2017 – October 2017): Arts Block fit-out (internal fit-out of the building). It was anticipated that these works would be completed by October 2017 to allow the school to decent from the ground floor of the Main Block into the Arts Block so that works could commence on the Main Block remediation.</li><li>— Phase C (September 2017 – October 2017): Link Building demolition</li><li>— Phase D (July 2017 to June 2018 or Jan 2019): Main Block remediation and refurbishment works (weather tightness remediation, earthquake repairs and building strengthening works).</li></ul></li></ul>
<b>2017</b>	<del>LINK BUILDING AND TECHNOLOGY BLOCK</del>
02/03/2017	<ul style="list-style-type: none"><li>— Early Contractor Involvement (ECI) Agreement commenced between Naylor Love and the Ministry of Education.</li><li>— The agreement related to construction works for the Arts Block (fit-out), Link Building demolition and Main Block remediation.</li></ul>
08/06/2017	<ul style="list-style-type: none"><li>— Naylor Love submitted their tender for the Link Building demolition at Christchurch Girls' High School.</li><li>— The quoted price to deliver the project was \$300,864.</li></ul>
15/06/2017	<ul style="list-style-type: none"><li>— Scheduled completion of the ECI phase for the Arts Block (fit-out), Main Block remediation and Link Building demolition.</li></ul>

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## Link Building and Technology Block timeline

Date	Event
<b>2017 (continued)</b>	
23/06/2017	<ul style="list-style-type: none"><li>— The Early Contractor Involvement Agreement commenced between Naylor Love and the Ministry of Education.</li><li>— The agreement related to construction works for the Arts Block (fit-out), Link Building demolition and Main Block remediation and committed the Ministry of Education selecting Naylor Love as the preferred contractor to deliver the three works packages (subject to certain conditions being met).</li></ul>
28/06/2017	<ul style="list-style-type: none"><li>— Ministry of Education approval received from Angela Hawkings to demolish the Link Building.</li></ul>
29/06/2017	<ul style="list-style-type: none"><li>— Naylor Love scheduled to commence the Link Building demolition under the medium works contract.</li><li>— The agreed price for completion of the works was \$261,245.88.</li></ul>
23/07/2017	<ul style="list-style-type: none"><li>— Naylor Love scheduled to complete the Link Building demolition under the medium works contract.</li></ul>
30/08/2017	<ul style="list-style-type: none"><li>— Structural strengthening works to bring the Technology Block to 34% of the National Building Standard completed.</li></ul>
27/11/2017	<ul style="list-style-type: none"><li>— Certificate of Acceptance (CoA) issued for the Technology Block by the Christchurch City Council.</li><li>— The CoA was required as the works were urgently required and were therefore completed without building consent. The purpose of the CoA was to rectify this lack of building consent.</li></ul>
<b>2018</b>	
26/06/2018	<ul style="list-style-type: none"><li>— Cabinet approved an increase of \$13.72 million towards the C\$B budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million.</li><li>— The additional funding increased the total budget by \$745,306 for the Technology Block repairs (revised total allocation of \$1,605,606) and \$213,808 for the Link Building demolition (revised total allocation of \$263,808).</li></ul>
<b>2019</b>	
08/07/2019	<ul style="list-style-type: none"><li>— Beca issued the final payment certificate for the Link Building demolition to the Ministry of Education.</li><li>— The certificate showed the project to have been completed for \$492,661.29. The agreed tender price was \$261,245.88, the original budget allocation (2015) was \$50,000 and the revised budget allocation (2018) was \$263,808.</li><li>— The project variances are summarised below:</li><li>— The final cost was \$231,406.41 more than the agreed tender price. This was due to 28 contract variations, including \$66k for additional excavation works and \$73k for Technology Block strengthening works.</li><li>— The final cost was \$442,661.29 more than the original budget allocation.</li><li>— The final cost was \$228,853.29 more than the revised budget allocation.</li></ul>

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# Relocatable Classrooms timeline

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## Relocatable classrooms timeline

Date	Event
<b>2015</b>	<p>9/12/2015</p> <ul style="list-style-type: none"><li>— The Cabinet Committee on State Sector Reform and Expenditure Control approved the business case and CSR budget allocation of \$27m for the Christchurch Girls' High School rebuild.</li><li>— There was no funding allocated for the relocatable classrooms under the original budget.</li></ul>
<b>2017</b>	<p>26/05/2017</p> <ul style="list-style-type: none"><li>— Laing Construction submitted a Letter of Offer to the Ministry of Education for the supply, installation and refurbishment of the relocatable classrooms.</li><li>— The works were offered at a price of \$49,348.12 per phase of the project - total contract value of \$148,044.36</li></ul> <p>15/06/2017</p> <ul style="list-style-type: none"><li>— Contract commencement date between the Ministry of Education and Laing Properties for the supply, refurbishment and installation of the relocatable classrooms.</li><li>— The agreement was executed through three individual contracts for a fixed sum of \$49,348.12 each (total of \$148,044.36).</li></ul> <p>19/06/2017</p> <ul style="list-style-type: none"><li>— Contract executed between the Ministry of Education and Laing Properties for the supply, refurbishment and installation of the relocatable classrooms.</li><li>— The contract was signed by David Hobern (Programme Manager) on behalf of the Ministry of Education.</li></ul> <p>23/07/2017</p> <ul style="list-style-type: none"><li>— Laing's Construction scheduled to complete the supply, refurbishment and installation of the relocatable classrooms under the contract.</li></ul> <p>25/07/2017</p> <ul style="list-style-type: none"><li>— Laing's Construction completed the supply, refurbishment and installation of the relocatable classrooms.</li></ul> <p>— Final payment certificate issued for the Relocatable Classroom supply, refurbishment and installation by Laing Properties.</p> <p>The final price for the works was \$197,009.44 and the original contract price was \$148,044.36.</p> <p>31/09/2017</p> <ul style="list-style-type: none"><li>— The project variances are summarised below:</li><li>— The final cost was \$48,965 more than the <del>original</del> tender price.</li><li>— The final cost was \$197,009 more than the <del>original</del> original budget (2015) allocation as the project was not originally within the CSR scope.</li><li>— The final cost was in line with the <del>revised</del> revised budget (2018).</li></ul>
<b>2018</b>	<p>26/06/2018</p> <ul style="list-style-type: none"><li>— Cabinet approved an increase of \$13.72 million towards the CSR budget for Christchurch Girls' High School. The new funding allocation increased the total project budget to \$40,322 million.</li><li>— The Relocatable classrooms were allocated \$197,009 (revised total allocation of \$197,009).</li></ul>

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