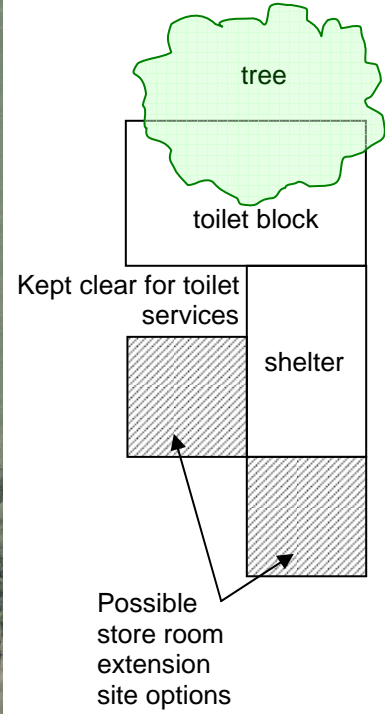


**Plan 23**



**Schematic of proposed development (not to scale)**



## Projects Affecting South Hagley Park



*Image sourced from Wikipedia, the free online encyclopedia, and is in the public domain*



**24 ... Alternative use of the netball facilities**

<b>Location</b>	In Hagley Park adjacent to Hagley Avenue.
<b>Park Context</b>	Southern end of South Hagley Park.
<b>Description/ Action required</b>	The Christchurch Netball Centre is considering locating its netball facilities to a new location in the city and vacating its facilities in South Hagley Park. In the event of that happening, there will be issues to resolve in terms of alternative use of the South Hagley Park facilities and potential cost to the Council.
<b>Status</b>	For discussion.
<b>Timeframe</b>	2007/2008 for discussions.
<b>Benefits to Hagley Park</b>	Potential utilisation of the facilities for other public recreational purposes and the replacement of the courts area with green open space.  Discussions are supported by Council to be held with the Christchurch Netball Centre on possible future outcomes for the netball centre building and courts
<b>2006 Public Consultation</b>	37 out of a total of 597 submitters responded on this project. This was a submitter response that was close to the average submitter response for all the master plan projects. A third of these submitters supported the project being implemented.
<b>Project Contact</b>	City Environment Group, Recreation and Sports Unit.

**Plan 24**

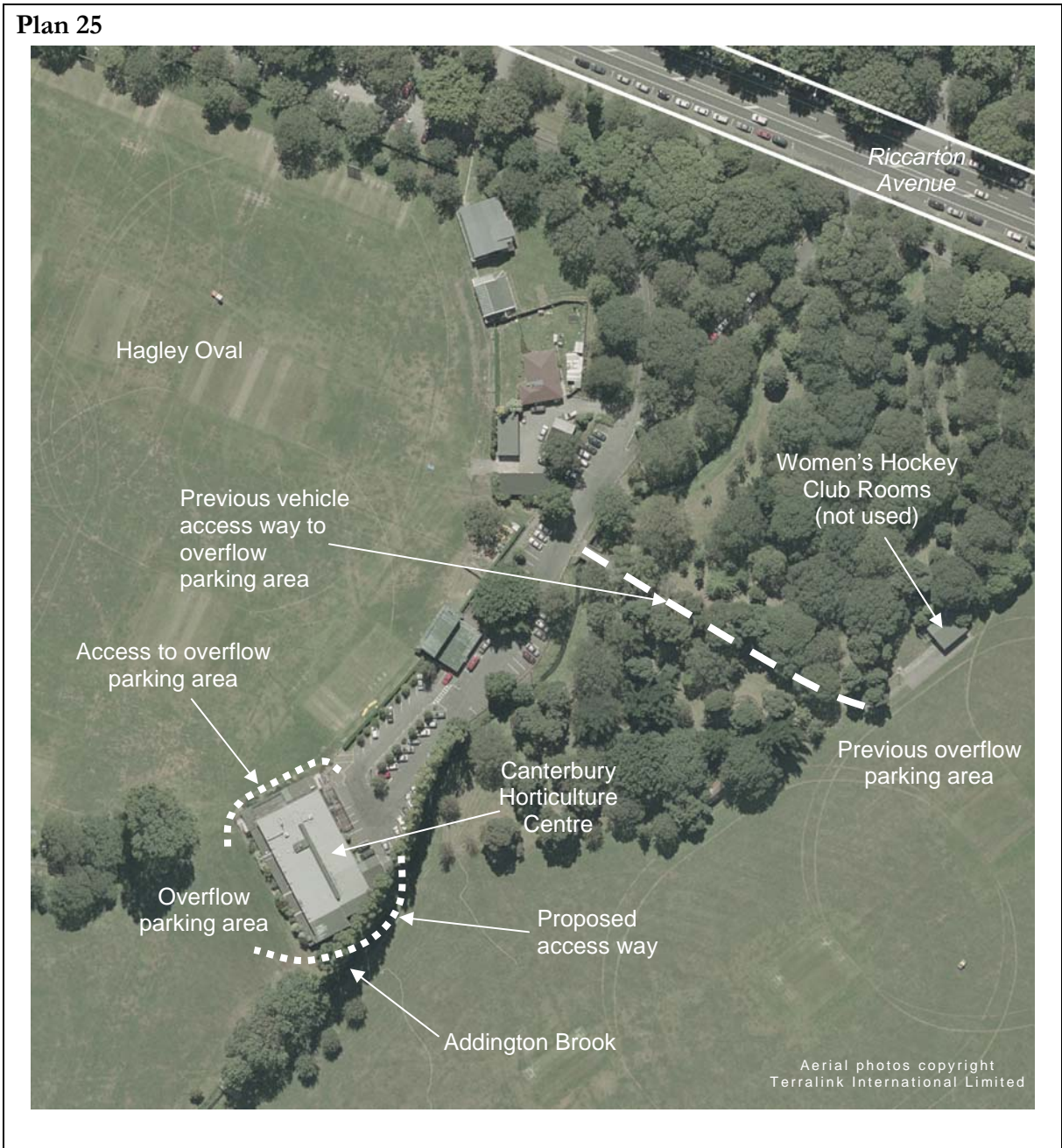


**25 ... Canterbury Horticultural Society parking**

<b>Location</b>	In South Hagley Park, on the south side of Riccarton Avenue.
<b>Park Context</b>	Behind (on the south-west side of) the Canterbury Horticultural Centre and south of, and adjacent to, Hagley Oval in South Hagley Park.
<b>Description/ Action required</b>	<p>The Canterbury Horticultural Society has permission to use an area in South Hagley Park near the Women's Hockey Pavilion for overflow vehicle parking during large events. This area is accessed via a bridge over Addington Brook. This bridge is now considered unsuitable for public vehicle passage, especially by heavier 4WD vehicles, because of its condition.</p> <p>The Society also has permission to use the area to the rear (south west side) of the centre for overflow parking. Access has been through the Hagley Oval boundary on the northern side of the building. There is an issue with this access when cricket games are being played, including the risk of cars being hit by cricket balls. The Society requests that access instead be established around the southern end of the building. This would necessitate diversion of Addington Brook. This could be an opportunity to enhance this section of the waterway, which currently has low landscape values, although the overall effect on the waterway would need to be carefully considered. See 28. <i>Waterway Enhancement</i> (Page 71) for concepts to enhance the tributary waterways of the Avon River.</p> <p>A matter to consider would be what the status the over-flow car parking area would have, in light of the statutory requirements<sup>10</sup> with respect to further formalised car parking in Hagley Park.</p> <p>The Council has resolved, with adoption of this master plan, for investigation to be undertaken, before any decision is made, of the potential benefits, costs and implications of diverting Addington Brook to allow the proposed vehicle access around the southern end of the Canterbury Horticultural Centre.</p>
<b>Status</b>	Verbal enquiry by the Canterbury Horticultural Society. Further investigation required.
<b>Timeframe</b>	2007/2008 for investigations.
<b>Park Benefits</b>	Safer over-flow parking for Canterbury Horticultural Society events and potentially the enhancement of a section of Addington Brook.
<b>2006 Public Consultation</b>	31 out of a total of 597 submitters responded on this project. The submitter response to the project was slightly below the average for all the master plan projects. Half of these were in support of the proposed new access to a parking area behind the Canterbury Horticultural Centre. Another thirty percent did not support.
<b>Project Contact</b>	City Environment Group.

<sup>10</sup> Section 5 subsection (2) of the Christchurch City (Reserves) Empowering Act 1971 prevents the taking, without the consent of the Minister of Conservation, of any further part of Hagley Park for parking places for vehicles.

Plan 25

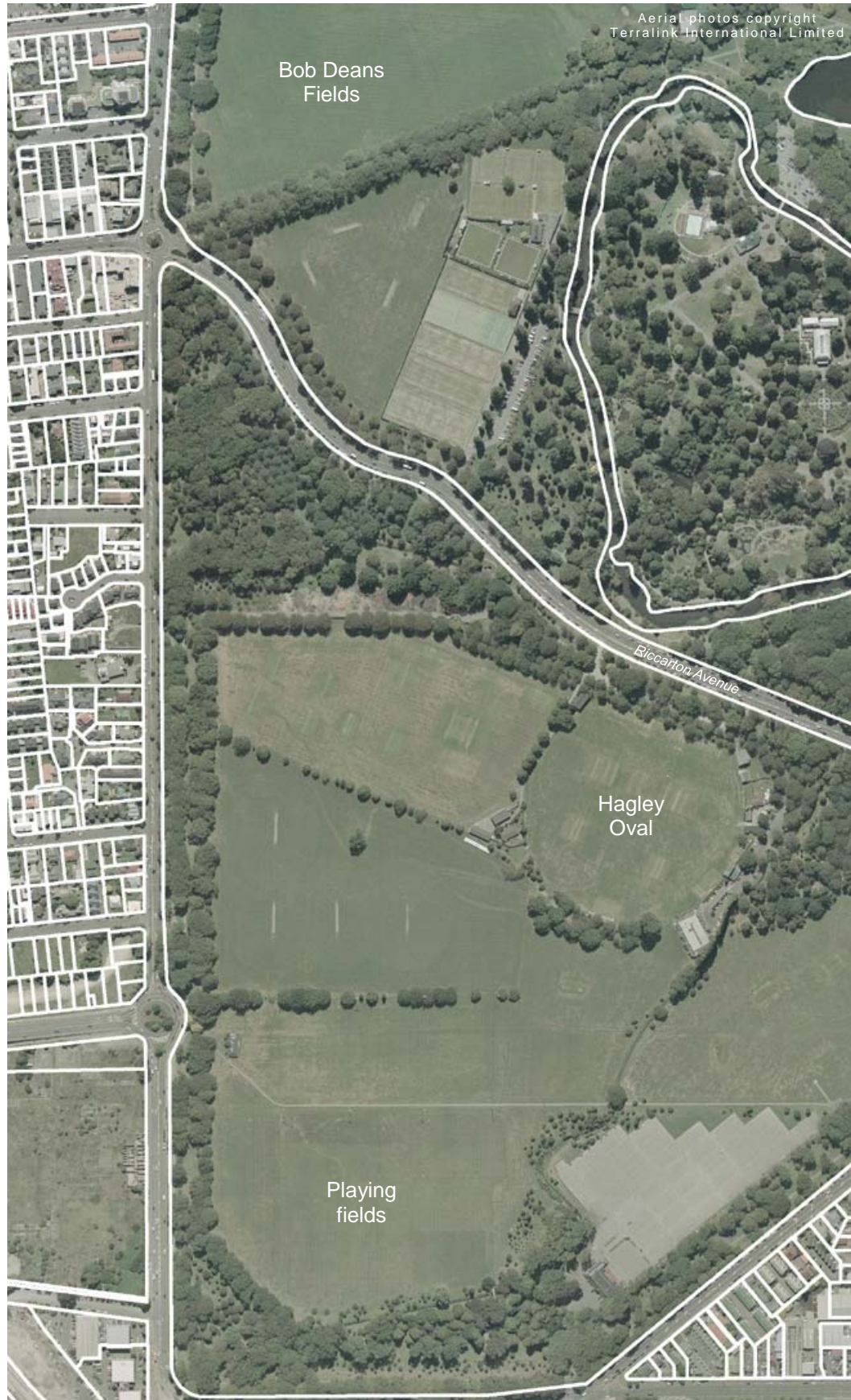




**26 ... Shift of High School Old Boys Rugby Club rooms to Hagley Oval**

<b>Location</b>	In South Hagley Park, on the south side of Riccarton Avenue.
<b>Park Context</b>	Hagley Oval area, northern side of South Hagley Park.
<b>Description/ Action required</b>	<p>The High School Old Boys Rugby Club has its club rooms on property it owns in Ayr Street, which runs west from Deans Avenue bordering North Hagley Park. The Club plays on sports fields in Hagley Park. It has issues with the location of its clubrooms, including the distance to transport gear to the playing fields in Hagley Park and the hazard of club members crossing Deans Avenue. The Club has enquired about co-locating its club rooms with the High School Old Boys Cricket Club in the Cricket Pavilion at the Hagley Oval and say that this would require the provision of further changing rooms, and also storage and a small office. The extension would, it is suggested, involve building both up and along.</p> <p>The Council's response to this proposal is that it requires, before a decision is made, an investigation of the needs, public benefits and implications of permitting the co-location of the two clubs at the Cricket Pavilion, or for the Rugby Club to locate, as an alternative, to the Canterbury Horticultural Centre. No extension of the building footprint on Hagley Park will be supported.</p>
<b>Status</b>	Enquiry. To investigate.
<b>Timeframe</b>	2007/2008 for investigations.
<b>Park Benefits</b>	<p>No particular benefits to Hagley Park or Park users other than implementing the philosophy for shared multi-user facilities on parks. The proposal would introduce another permanent or long term occupier on the Park, although would involve co-sharing of space and facilities, which can be viewed and supported as a more sustainable use of Park resources. It is expected there would be increased pressure on the existing limited vehicle parking space in the vicinity, particularly on Saturday afternoon.</p> <p>Club members would not have to cross Deans Avenue, but they would still have to walk some distance to the sports fields they use, including having to cross Riccarton Avenue. The Club would have to share with other groups and would not own the building or the land, something they enjoy with their existing club rooms.</p>
<b>2006 Public Consultation</b>	27 out of a total of 597 submitters responded on this project. A below average submitter response on this project compared to that for the other master plan projects. Just over half of these did not support this proposal proceeding, although one-third did.
<b>Project Contact</b>	High School Old Boys Rugby Football Club, City Environment Group.

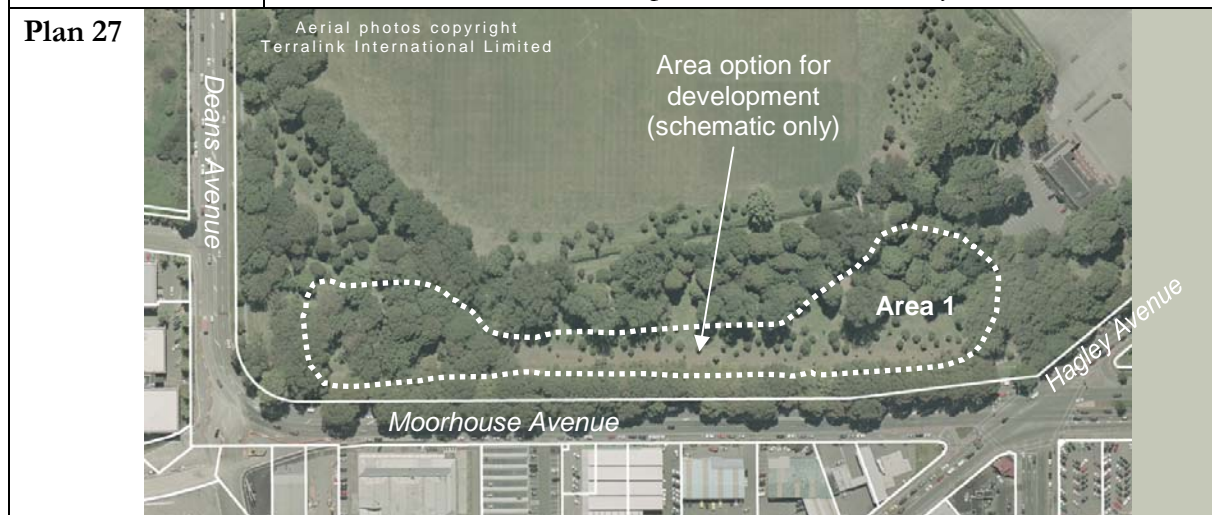
Plan 26





**27 ... South Hagley Park multipurpose storm water treatment/ wetland concept**

<b>Location</b>	In Hagley Park, immediately to the north of Moorhouse Avenue.
<b>Park Context</b>	Southern end of South Hagley Park, under the trees to the west of the Christchurch Netball Centre car park (Area 1).
<b>Description/ Action required</b>	<p>A proposal has previously been raised to treat storm water flow in a swale/permanent wet pond system that would be located within the woodland between Addington Brook and the Moorhouse Avenue boundary of South Hagley Park. There is a shallow depression in a relatively open area in the woodland that could be developed for this purpose without the need to remove any permanent trees. Depending upon the size/depth of the proposed pond, an excavation may result in about 15,000 m<sup>3</sup> of spoil being produced. This could be utilised for any one of a number of purposes, including for a sports embankment, as a traffic sound buffer, a screen from car parks or for landscaping.</p> <p>With the adoption of this master plan, further investigation of the costs/benefits/implications of development of a swale/permanent wet pond system in Area 1 is required prior to a decision being made to implement or not.</p>
<b>Status</b>	Concept. To investigate further.
<b>Timeframe</b>	2007/2008 for investigation.
<b>Benefits to Hagley Park</b>	The benefits would be to resolve potential flooding issues for the wider area using a 'day lighting' approach, improve water quality for the Lincoln Road and Addington Brook catchments and provide bird habitat. The project also provides an opportunity to re-configure the landscape of this area giving it its own visual quality and providing an opportunity to enhance the area for public enjoyment (it is currently a relatively unattractive area for the public to visit).
<b>2006 Public Consultation</b>	33 out of a total of 597 submitters responded on this project. This is slightly below the average submitter response received, compared to that for the other projects. Nearly all of these supported the project.
<b>Project Contact</b>	Capital Programme; City Environment Group.
<b>Information</b>	Estimated total cost of development: \$300,000 initially.





## 28 ... Waterway Enhancement

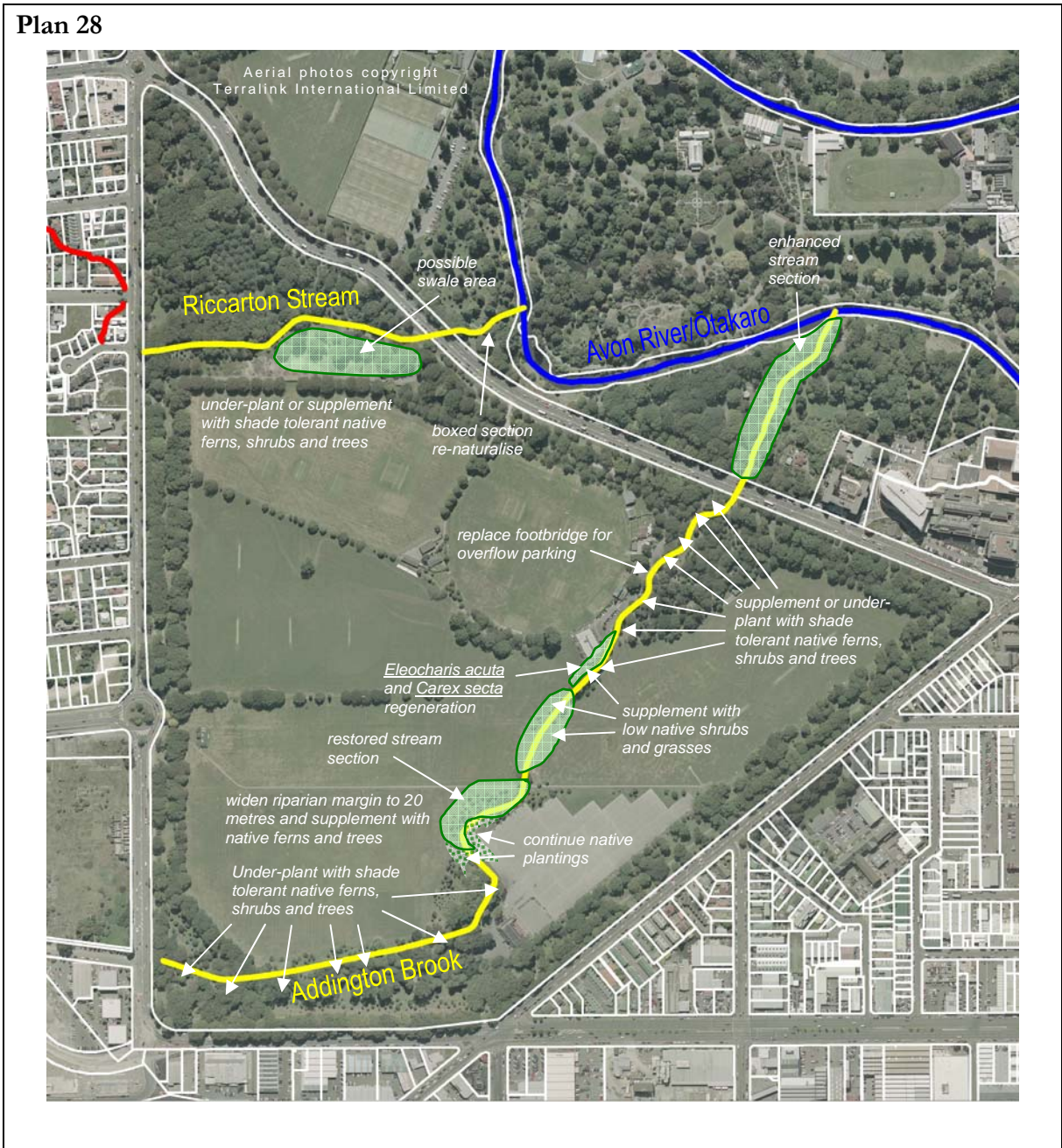
<b>Location/Park Context</b>	Corridors through both North and South Hagley Park.
<b>Description/ Action required</b>	<p>The Avon River, which is one of the major waterways meandering across the City, bounds a significant part of Hagley Park and the Christchurch Botanic Gardens. Tributary waterways and drains cross the Park to feed into the river. Riccarton Stream and Addington Brook are the main tributaries crossing South Hagley Park. See Plan 28 for the location of these waterways.</p> <p>Most of the length of each of the above waterways is above surface. This mostly comprises steep sided, deep, straightened channels with little ecological, landscape or aesthetic/amenity values at present. Short sections are more natural remnants or have been landscaped to some extent. These are highlighted on the plan. Only one fish, though, has been recorded in either of the waterways (in a restored section of Addington Brook just downstream of the Christchurch Netball Centre) during a May 2006 survey that was part of the Christchurch River Environment Asset Survey 2006 (CREAS).</p> <p>It is proposed that investigations be made into the possibility of further enhancing these waterways. Further information on the costs/benefits/implications of such enhancement is required.</p> <p>Addington Brook lends itself to restoration on the grounds that it:</p> <ul style="list-style-type: none"> <li>• Is a prominent tributary to the Avon River – this river has relatively high ecological, amenity and drainage value.</li> <li>• Is historically a trout spawning stream.</li> <li>• Crosses a prominent and high profile public space.</li> <li>• Would involve low interference and cost-efficient upkeep.</li> </ul> <p>Proposals for restoration include:</p> <ul style="list-style-type: none"> <li>• Reducing sediment input/contamination in the waterway that arises from storm water discharge. A concept for a multipurpose storm water treatment/wetland facility adjacent to Addington Brook near the Christchurch Netball Centre has been proposed in another project in this master plan (<i>see 27. South Hagley Park Multipurpose Storm Water Treatment/Wetland Concept (Page 70)</i>).</li> <li>• Planting of the grassed banks with, for example, native shrubs, ferns and trees to provide shade for the waterway in order to improve conditions for in-stream life, including the provision of areas for fish spawning, stabilisation of the waterway’s banks and generally improving visual and ecological connectivity along its length.</li> <li>• In order to especially improve the ecological connectivity along the waterway, planting at least a twenty metre margin on either side with indigenous, ecotypic plants. This would create a self-sustaining plant cover and therefore reduce maintenance costs in the long run.</li> <li>• Under-planting the deciduous woodlands, through which the waterway passes, with native plants, including replacement of deciduous trees near the waterway, in order to reduce the current high levels of leaf litter input to the waterway, which is detrimental to its</li> </ul>

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	<p>ecology.</p> <p>For Riccarton Stream, similar restoration to that proposed for Addington Brook is suggested, with specific elements of this possibly being:</p> <ul style="list-style-type: none"> <li>• A storm water soakage system on the true right (southern) side of the section of the waterway in South Hagley Park, in the vicinity of the recycling area, subject to a technical feasibility study.</li> <li>• Re-naturalising, at least, the timber-lined section of the waterway in North Hagley Park, especially as this is close to, and clearly seen from, a major Park walkway.</li> <li>• The ecological value of the waterway would improve if the concrete channel section in South Hagley Park is re-naturalised, although this will be dependent upon a technical feasibility study, and only be acceptable if the waterway's bed and bank stability is not compromised and sediments are not discharged into it during any works (the downstream end of the waterway has a valuable coarse substrate that would be adversely affected by any such discharge).</li> </ul>		
<b>Status</b>	Suggestion raised for consideration. Investigation of feasibility required.		
<b>Timeframe</b>	2007/2008 for investigation.		
<b>Park Benefits</b>	Hagley Park will have enhanced landscape and natural values. This will contribute to the Council's naturalisation of some waterways throughout the City as part of good environmental practice. This is a direction specifically promoted in Council strategies, including the Waterways and Wetlands Natural Asset Management Strategy and the draft Biodiversity Strategy.		
<b>2006 Public Consultation</b>	43 out of a total of 597 submitters responded on this project. This is just over the average submitter response for all the master plan projects and, other than a small percentage who just commented, all supported waterway enhancement being done.		
<b>Project Contact</b>	City Environment Group.		
<b>Potential Costs</b>	<b>Proposed Work</b>	<b>Addington Brook</b>	<b>Riccarton Stream</b>
	Planting:	\$200,000	\$90,000
	Excavating swales:	\$165,000 for 30,000 square metres	\$55,000 for 10,000 square metres
<b>Other Information</b>	<p>The information for this project is derived from the following informal paper:</p> <p><i>Ecological values of Addington Brook and Washbourne Creek (Riccarton Main Drain, Riccarton Stream) and recommendations for restoration.</i> By CREAS Stream Survey Ecologist Manfred von Tippelskirch 16.05.2006.</p>		



Plan 28



**29 ... Sewer line – South Hagley Park**

<b>Location</b>	Corridor east-west across South Hagley Park from Selwyn Street or St Asaph Street to Blenheim Road.
<b>Park Context</b>	An underground utility bisecting South Hagley Park (a number of similar utilities exist in the locality).
<b>Description/ Action required</b>	<p>It is proposed by the Council’s City Water and Waste Unit that a section of a new, large diameter sewer called the Western Interceptor be run across South Hagley Park.</p> <p>The Western Interceptor is a new, six kilometre long, trunk sewer pipe proposed to be constructed from Linwood to Riccarton. It is part of the Major Sewer Upgrade for the city. The proposed route for the Western Interceptor is from Bass Street, along Aldwins Road, Harrow Street, St. Asaph Street, across South Hagley Park to Blenheim Road and along Blenheim Road to Dalgety Street. The Western Interceptor will increase the capacity of the City’s trunk sewer system from the Southern Relief Sewer (at the intersection of Dalgety Street and Blenheim Road) in Riccarton to the new Pump Station 11 (at the corner of Bass and Randolph Streets) in Linwood.</p> <p>Where it is proposed to cross Hagley Park the pipe would be buried between approximately two to six metres below ground and is likely to be between 1.2 metres and 1.35 metres in diameter.</p> <p>Section 48 of the Reserves Act 1977 sets out requirements to be met by the Council in granting an easement over the Park for such a pipeline or other utility. Policy in the Hagley Park Management Plan provides for such easements (see Policy Section 31 of the management plan). The process under the Reserves Act for the Council to grant an easement within a reserve involves going through a public consultation process and obtaining the approval of the Minister of Conservation.</p> <p>Needing to be considered is if there are any archeological issues arising from the proposed development in the Park.</p> <p>With the implementation of this development, the following measures to minimise adverse effects are required:</p> <ul style="list-style-type: none"> <li>• A high standard of site reinstatement.</li> <li>• Careful management of under-waterway crossings.</li> <li>• Minimal impact on tree roots ensured.</li> </ul>
<b>Status</b>	Being planned separately by the City Water and Waste Unit. Included here for information and to highlight measures required to minimise potential adverse development effects in the Park (see above).
<b>Timeframe</b>	<p>The future stages of the Western Interceptor, from the Tuam Street/Mathesons Road intersection through to Blenheim Road, are planned for construction in the period from 2011 to 2015.</p> <p>The section of the Western Interceptor at the Blenheim Road deviation, which was previously planned for construction in 2006, has been delayed to coincide with the rest of the pipeline, due to concerns about the effect on traffic.</p>



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<b>Park Benefits</b>	<p>The project will benefit the City by increasing the capacity of the trunk sewer system to reduce wet weather sewer overflows into the Avon River, and allow for growth in the west and southwest of the City.</p> <p>There are no specific benefits to Hagley Park users. There are potentially impacts to the Park environment and its use. These would be temporary and managed to minimize any impact.</p>
<b>2006 Public Consultation</b>	<p>19 out of a total of 597 submitters responded on this project, which is a below average submitter response compared to that for the other master plan projects. All of these, bar one just commenting, expressed support.</p>
<b>Project Contact</b>	<p>Capital Programme Team CWW, Capital Development.</p>
<b>Information Links</b>	<p>Major sewer upgrade project web page link:  <a href="http://www.ccc.govt.nz/WasteWater/MajorSewerUpgrade/">http://www.ccc.govt.nz/WasteWater/MajorSewerUpgrade/</a></p>



## Projects Affecting The Botanic Gardens

