

WSC14	NZ Standard 4404:2010	Council has adopted New Zealand Standard 4404:2010 Land Development and Subdivision Engineering for all water services, Roothing works and documents requirements, unless otherwise mentioned. Compliance with this standard will be treated as a minimum by the Council.
WSC24	General Engineering Conditions	<p>General Engineering Conditions</p> <ul style="list-style-type: none"> <li>- Engineering plans and specifications of all works, including water, water races, irrigation, sewer, Roothing, Stormwater and landscaping, shall be submitted to the Council for approval. Engineering approval of complying documents shall be given in writing and work shall not commence until this has been received from the Council. Any subsequent amendments to the plans and specifications shall be submitted to Council for approval.</li> <li>- The consent holder shall forward with the engineering plans and specifications, copies of any other consents required and granted in respect of this subdivision, including any certificate of compliance or consent required by Canterbury Regional Council.</li> <li>- All work shall comply with the conditions set out in the Engineering Approval and be constructed in accordance with the approved engineering plans.</li> <li>-All work shall comply with ADC's Standard Specifications, except as agreed in the Engineering Approval.</li> </ul>
WSC23	Documents upon completion	<p>Checklist of Documents Required Upon Completion of Subdivision Work</p> <p>Provide As-Built Plans as stated in Schedule 10 (Hard Copy and dxf files)</p> <ul style="list-style-type: none"> <li>o Stormwater, Wastewater and Water reticulations layout plans</li> <li>o Roads layout with road names and location of street lights. This plan is to include the road cross sections showing dimensions of roads constructed</li> <li>o Earthwork plan where Engineering filling (soil replacement) has taken place</li> <li>o Table of pipe characters, size, material, class and joint type</li> <li>o Coordinates of manholes, inverts of manholes and pipes and lid levels for SW &amp; SS. This is to be on the As Built plans.</li> </ul>

		<ul style="list-style-type: none"> <li>o Coordinates and location of hydrants, valves, fees, bends, reducers and any special feature such as water stop for Water and SS if pressurised. This is to be on the As Built plans.</li> <li>o Laterals and tobies are to be referenced to boundary pegs by distance</li> <li>o List of the lots water meters, Serial and Radio Numbers</li> <li>o Notate the Survey Bench Mark level and location that was referred to throughout progress</li> <li>o Sewer laterals distance from downstream manholes</li> <li>o Labelling of pipes and ducts (diameter, class, material and jointing type)</li> <li>o Cross-sectional plan of any built structure such as pump station, interceptor, detention ponds, etc. Shows the real dimensions</li> <li>o Two A1 hard copies of the plans and an electronic copy</li> <li>o Manhole Inventory Form, listing the manhole co-ordinates, invert, dia, material, lid level and pipe branches inverts with a top plan indicating branches pipes directions</li> </ul> <p>Provide a priced "Schedule of Items" as executed in the Subdivision (Council Template - as supplied)</p> <p>Provide a RAMM Spreadsheet to be filled out (Council Template - as supplied)</p> <p>Issue a GST Invoice with the value of the provided Schedule of Assets</p> <p>Provide a Completion certificate from the Contractor, Schedule 1B</p> <p>Provide a Completion certificate from the Professional Supervision Services Provider, Schedule 1C</p> <p>Provide a Statement of Professional Opinion on suitability of Land for Building Construction, Schedule 2A</p> <p>Provide operation, maintenance manuals, warranties and electrical diagrams of all mechanical and electrical facilities are to be handed (if required)</p> <p>Provide Compliance Certificate(s) from ECAN if Permit(s) were issued for a Stormwater Management Plan for the Subdivision</p> <p>Provide a Geotechnical completion report and As-Built drawings for earthworks and subsoil drains</p> <p>Provide Statements from all network utility operators such as Ashburton Electricity, Telecom, etc. that work is done according to their standards</p> <p>t</p>
ROADC23	Berms grassed	Berms which are not sealed are to be formed and grassed.

ROADC21	NZS 4404:2010	All roads shall be designed as per NZS 4404:2010 unless listed in the District Plan Table 10-5 in which Arterial Urban and Rural Roads are specified.
WSC25	<edit> Free Text	The existing water main within Melrose Rd must be extended to service the future development. Water main extension to be approved through Engineering Approval.
WSC18	No public Stormwater network	Stormwater infrastructure to service the road and future development to be installed as part the consent. Stormwater must be disposed on site in accordance with the ADC global stormwater consent CRC186263; or a discharge consent from Ecan is required