WITH THE LARGEST FOOTPRINT OF READY-MIXED CONCRETE PLANTS ACROSS NEW ZEALAND, FIRTH CERTIFIED CONCRETE® FAVOUR A LOCALISED STRATEGY. IN EACH REGION, OUR TEAM OF DEDICATED PRODUCTION, DISPATCH, ENGINEERS AND SALES PROFESSIONALS ARE HERE TO SUPPORT YOUR CONCRETE NEEDS AND DELIVER THE BEST TECHNICAL SOLUTION FOR YOUR PROJECT.

THE FOLLOWING STEPS ARE DESIGNED TO ASSIST AND SUPPORT OUR CUSTOMERS IN PREPARING THEIR SITE FOR A SAFE DELIVERY OF FIRTH CERTIFIED CONCRETE®.

SITE DELIVERY

BELOW ARE SOME ESSENTIAL ACCESS AND TRAFFIC MANAGEMENT RELATED QUESTIONS WHILE ORGANISING THE SITE FOR DELIVERY

<table>
<thead>
<tr>
<th>Question</th>
<th>Option 1</th>
<th>Option 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>In accessing your site, are there any steep gradients, tight corners or any requirement for our truck to be positioned across a slope?</td>
<td>YES</td>
<td>I will take your order, however we will be in touch before we deliver.</td>
</tr>
<tr>
<td>Our trucks are approximately 2.5m wide and 3.6m high and up to 9m long. During discharge will we be able to position our truck so it will not block off the footpath for pedestrians or protrude out into the live traffic lane?</td>
<td>NO</td>
<td>Should we arrive on-site and access isn’t possible, we may be unable to deliver and you may be charged for the costs.</td>
</tr>
<tr>
<td>Have you arranged for an approved traffic management plan to be in place? Or do you have other compliant controls in place?</td>
<td>YES</td>
<td>Should we arrive on-site and access isn’t possible, we may be unable to deliver and you may be charged for the costs.</td>
</tr>
<tr>
<td>Can you arrange for a traffic management plan or compliant controls to be in place before we deliver?</td>
<td>NO</td>
<td>Should we arrive on-site and access isn’t possible, we may be unable to deliver and you may be charged for the costs.</td>
</tr>
<tr>
<td>We cannot deliver without a traffic management in place.</td>
<td></td>
<td>Please check with your local council for an appropriate traffic management plan.</td>
</tr>
</tbody>
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TRUCK POSITIONING

The diagrams below are examples of good positioning practice. If one of our trucks is parked in a place where they will block some or all of the footpath.

If concrete truck is fully blocking footpath and parking area requires a footpath controller.

If concrete truck is partially blocking the footpath.
CONCRETE PUMP CHECKLIST

CHECK WITH YOUR PUMPING COMPANY THAT ACCESS IS ADEQUATE (AS PUMP SIZES ALSO VARY) AND THAT NO OTHER RISKS EXIST; POWER LINES, TRENCHES, SOFT GROUND, TRAFFIC ETC...

CONCRETE PUMP RISKS:
• BLOWBACK
• UNDER PRESSURE HOSES & CLIPS
• BOOM FATIGUE
• TRUCK LEGS ON UNSTABLE GROUND

☐ All safety features fitted and used, including grates in place, earth straps used, safety chains on hopper discharge elbow, etc.
☐ All safety features are fitted and used on concrete skips.
☐ A spotter to assist in reversing onto a pump.
☐ Where two trucks are required, adequate space. (600mm minimum) between the trucks and other stationary objects.
☐ The pump hopper should be at a height that allows gravity flow of concrete into the hopper.
☐ Maintain a full hopper on the pump to avoid blow back due to air locks.
☐ It is requested that the pump is set up on site so that concrete trucks do not have to breach traffic regulations to reverse up to the hopper.

PLEASE NOTE:
No Blowback concrete will be accepted into concrete trucks.
It is your responsibility to ensure that you have ordered the right mix for your desired application and delivery. Structural and No Fines mixes are not suitable for pumping.
ENVIRONMENTAL IMPACT

WET CONCRETE IS A HAZARDOUS SUBSTANCE. PRIOR TO DELIVERY, ENSURE THAT THERE IS APPROPRIATE CONTROLS AT ROAD SIDE DELIVERY POINTS:

☐ Schedule delivery times to prevent noise nuisance to neighbours of the site.
☐ Dedicate an area for safe, level and contained areas for concrete truck wash down.
☐ Truck wash water must be collected or diverted to grass or bare soil that you control.
☐ Ensure appropriate controls are in place to prevent trucks taking mud from sites onto surrounding roads.

Lime dissolves in water to produce a highly alkaline solution that will burn and kill fish, insects and plants. Never allow concrete waste water or slurry to enter storm water drains. Contain any spill and prevent it from entering drains, sewers and water ways. Should concrete slurry or waste water enter a drain or water way call your local authority immediately.