

SCOPE

The design for the foundation system will be described on the designers drawing which have been approved and verified by the building consenting process. This document provides a checklist that either the Designer or Building Consent Authority (BCA) may choose to use as a site inspection check list. This checklist does not preclude the use of lists developed by the designers and/or BCA. This information is provided to cover a generic foundation, there may be features specific to the area or design which the designer may wish to add to the checking process.

CONSTRUCTION

For residential foundation systems, the Building Control Authority often specifies the inspections required and may conduct these. A similar construction verification process shall be applied to the RibRaft® X-Pod® system.

TO ASSIST INSPECTION THE FOLLOWING CHECKLISTS HAVE BEEN PREPARED:

1 PRE-LAYOUT CHECKLIST

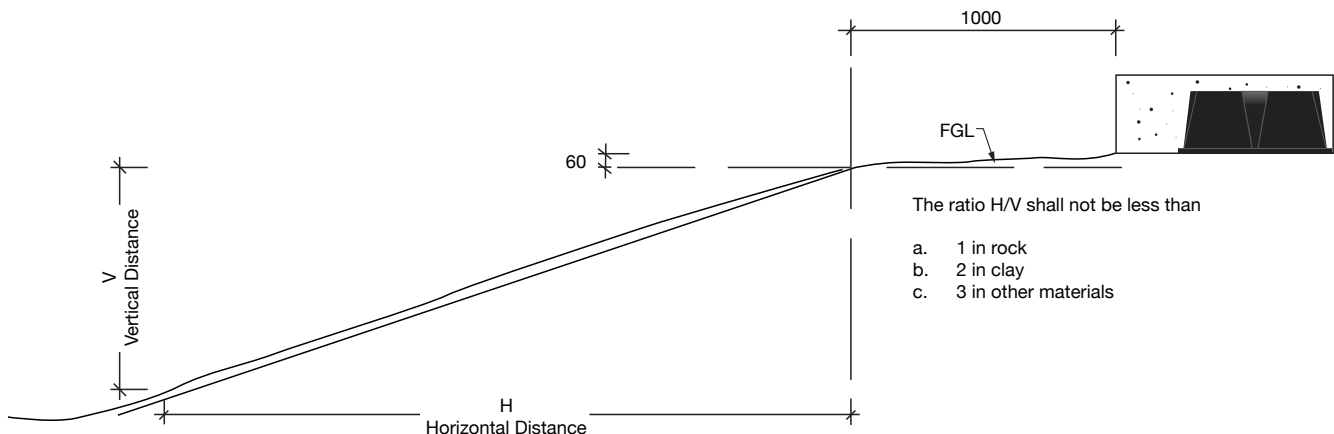
Address:	Building consent #:
Design Firm:	Builder:
Inspected by:	Date:

CONFIRMED

OK = ✓

Scala or shear vanes tests confirm adequate bearing capacity as specified on drawings or Good Ground confirmed as per NZS3604, clause 3.1.3	
Vegetation, topsoil, organic or deleterious material removed	
Proximity to slope-ground surface is as specified on the drawings, or always above dash line shown in figure 1	
Where specified: Gravel formation layer extend beyond the building foot print by the amount specified on the drawing, or formation gravel area extends at least the gravel depth beyond the building footprint	
Builder confirms that council inspection and approval of below floor pipework has occurred	

Figure 1 Relationship of RibRaft® X-Pod® to sloping ground surface



2 PRE-POUR CHECKLIST

Address:	Building consent #:
Design Firm:	Builder:
Inspected by:	Date:

CONFIRMED

OK = ✓

Damp proof membrane	Visible at edges	
Perimeter foundation	Width minimum as shown on drawings	
	Bottom and top reinforcement number, size and grade as per drawings	
	Reinforcement laps as specified on drawings	
	Concrete Cover as specified	
	Rebate (if any) as per drawings	
Internal Ribs	Width 100mm	
	Bottom and top reinforcement number, size and grade as per drawings	
	Reinforcement laps as specified on drawings	
Load Bearing ribs	Width minimum as shown on drawings	
	Bottom and top reinforcement number, size and grade as per drawings	
	Reinforcement laps as specified on drawings	
	Concrete Cover as specified	
Pods	Firth supplied RibRaft® X-Pod®. Laid out and joined using X-Pod® Keystone	
Mesh	Supported on chairs or X-Pod®s as shown on drawings	
	Mesh in place and as specified	
	Mesh laps minimum of 225mm or as specified	
Concrete	Firth X-Pod® RaftMix™ ordered	
	Builder confirmed that request for certificate of supply ordered from Firth	
Service penetrations	No reinforcement (with exception of mesh) cut to allow passage of service pipes	
	Pipes wrapped where pass through concrete as specified on drawings	
	Where passing through X-Pod®, sealed to prevent large volumes of concrete entering voids	
	Details as per drawings	
Rebate	Rebate for items such as showers constructed as per drawings	
Other		