

Pre-pour Inspection Check list

Confirmed	
Good Ground confirmed as per NZS3604, clause 3.1.3.	
Vegetation, topsoil, organic or deleterious material removed.	
Proximity to slope-ground surface is always above dash line shown in figure 1.	
Shear piles (where required) in place and reinforcement protruding.	
Formation area extends at least 1m beyond building footprint.	
No steps in the formation.	

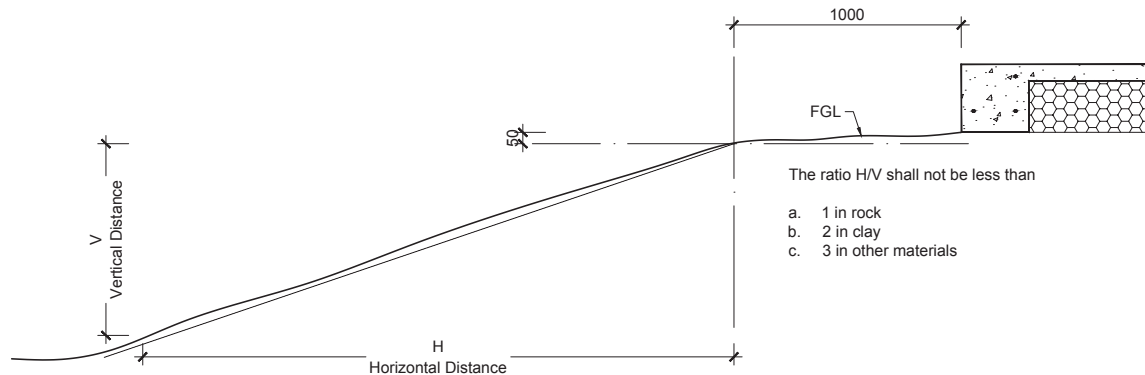


Figure 1 Relationship of RibRaft to Sloping Ground Surface

Pre-layout Inspection Check list

		Confirmed
Damp proof membrane in place.		
Perimeter foundation	Width 300mm ⁽¹⁾ .	
	Reinforcement 2 x HD12 bottom, 1 x HD12 top.	
	Firth supplied spacer used at 1.2m maximum centres.	
Internal Ribs	Width 100mm.	
	Reinforcement 1 x HD12.	
	Firth supplied spacer, max spacing of one per pod or part pod.	
Load Bearing ribs	Width 300mm.	
	Reinforcement 2 x HD12 bottom.	
	Firth supplied spacer, max spacing of one per pod or part pod.	
Pods	Firth supplied RibRaft pod.	
Mesh	40mm chairs, 1.2m max centres, min two per pod or one per part pod.	
	Mesh in place and 665 or equivalent area.	
	Mesh laps minimum of 225mm.	
Reinforcement	2 x HD12 bars 1.2m long provided at re-entrant corners.	
	Laps for 12mm reinforcement minimum of 720mm.	
Concrete	Cover to pods minimum of 85mm or 110mm if infloor heating used.	
	Firth Raftmix ordered.	
Service penetrations	No reinforcement (with exception of mesh) cut to allow passage of service pipes. Refer clause 6.3 of Section 1 for exceptions.	
	Diameter of opening for services 50mm greater that service pipe. Refer clause 6.3 of Section 1 for exceptions.	
	Diameter/size of penetrations as per Table 7, Section 1 of this manual.	

(1) At locations of service penetrations the width of the perimeter foundation maybe locally increased. Refer figure 12 section 1 for details.