

Inspection Checklist – Farm Building Foundation

Address: _____ Building Consent No.: _____

Tradesperson: _____ Tradesperson: _____

Reg.No.: _____ Contact Details: _____ Reg. No.: _____ Contact Details: _____

Date: _____ Time: _____

Staged/Partial Inspection: _____ of _____

Item to be inspected for compliance: with the Building Act 2004, NZBC & Approved Documents B1, B2, E1, E2, F5, G4	Outcome ¹			Details of Inspection & Comments: Comments must be made for: 1. Non-complying Items 2. Items/work deviates from approved documents 3. Detail alternative solution & how compliance achieved
	Pass	N/A	Fail	
Conditions of consent/site instructions read				Yes/No
Approved plans & specifications sighted: ²				Yes/No
Approved plans include specific design detail?				Yes/No
Confirmation of Exposure Zone	Yes / N/a / No			B / C / D Sea spray
Confirmation of Snow loading	Yes / N/a / No			1kPa / 1.5kPa / 2kPa / Specific Design
Confirmation of Wind Zone	Yes / N/a / No			Low / Medium / High / Very High / Specific Design (SED)
Siting³				
Special PPE required for this site?	Yes / No			Specify: safety footwear / eye protection / dust mask high visibility jacket / hard hat Other:
Property address confirmed				
Boundary pegs identified				
Surveyor certificate required for siting				
Building footprint matches plan ⁴				
Measurements taken building to boundary				
Spot levels & floor heights				
Confirmed on site				
Surveyor's certificate provided				
Floor heights				
Foundation height in respect of subfloor access, pile heights, etc. ⁵				
Subfloor ground levels in relation to finished exterior ground levels ⁶				
Sloping site				
Back slope, forward slope ⁷				
Ground bearing				
Prod check ⁸				
Soil characteristics				silty, sandy, stony, clay, soft, hard, wet, dry
Engineer report required				
Foundation to be taken to solid bearing (Reinspection required)				
Pads				
Set out as per plan – dimensions				mm x mm x mm
Set out as per plan – dimensions				mm x mm x mm
Anchor & brace piles				
Set out as per plans				
Anchor pile ⁹ - dimensions				mm x mm x mm
Brace pile - dimensions				mm x mm x mm
Ordinary piles				
Set out as per plans - dimensions				mm x mm x mm
Driven piles¹⁰				
Set out as per plans - dimensions				mm x mm
Certificate provided confirming piles driven to approved specification				
Post Footings¹¹				
Set out as per plan – dimensions				mm x mm x mm
Set out as per plan – dimensions				mm x mm x mm

Inspection Checklist – Farm Building Foundation

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- ¹ Pass = Compliance with approved plans & documentation, N/A = Not applicable to this project, Fail = Non-compliance with approved plans & documentation.
- ² Approved stamped site plan, foundation plan, cross section drawings, truss layout and fixing detail, specifications, engineer detail, floor plan, drainage plan, effluent disposal site plan and detail
- ³ Refer to BLG-001p Policy on when to check the siting of proposed buildings during inspections and BLG-002p Policy on when to require surveyor's certificates as a condition of a resource consent
- ⁴ Any change to the approved plans may affect site coverage and boundary issues. Check with Planning Officer **before** approving any further work
- ⁵ NZS 3604:1999 Section 6.4.1, 6.11.2, 6.14.4 Check that minimum pile heights and subfloor access will be satisfied, particle board floor required to be > 550mm above ground level
- ⁶ NZS 3604 Fig. 6.21 Sections 7.5.9 & 3.6 Ground levels within subfloor shall be such that water shall not be allowed to accumulate in building subfloor spaces
- ⁷ Sloping sites > 11°, refer to Tonkin Taylor report
- ⁸ NZS 3604:1999 Section 3.1 Prod check around entire foundation at maximum 2m centers and all corners if soft ground is found, identify area of soft ground, note in comments field
- ⁹ NZS 3604:1999 Section 6.4.5 and Table 6.1
- ¹⁰ Driving of piles inspection NZS 3604 Section 6.6.4.1
- ¹¹ NZS 3604:1999 Section 6.4.3.3 timber and ground contact shall have a minimum H5 treatment
- ¹² NZS 3604:1999 Section 6.4.3.3 timber and ground contact shall have a minimum H5 treatment
- ¹³ NZS 3604 Section 6.6
- ¹⁴ NZS 3604:1999 Section 6.11.7 & 7.5.8 and Figs 7.12, 7.13, 7.14 & 7.15
- ¹⁵ NZS 3604:1999 Fig. 7.12
- ¹⁶ Note any additional information, including safety issues