

Commercial Inspection Checklist – Concrete Slab

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, Specific Engineer Design (SED) and NZS 3604:1999 & NZS 3604:11 | 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 |
| Site hazard board read | Yes / N/a / No | | | |
| Special PPE required for this site (as detailed on hazard board)? | Yes / No | | | Specify: safety footwear / eye protection / dust mask high visibility jacket / hard hat Other: |
| Foundation inspection passed? | | | | |
| Pre-slab drainage inspection passed? | | | | |
| Concrete strength | | | | |
| Confirm concrete strength | | | | MpA |
| Admixtures as per plans | | | | |
| Hard fill & blinding³ | | | | |
| Type: | | | | Granular/compacted |
| Compaction certificate required | Yes / N/a / No | | | |
| Damp Proof Membrane⁴ | | | | Type: |
| Overlaps foundation | | | | |
| Joins lapped & taped | | | | |
| Penetrations or punctures sealed | | | | |
| Engineer Detail | | | | |
| Proprietary floor system or similar | | | | |
| Confirm engr inspection and approval ⁵ | | | | |
| Slab thickness | | | | mm |
| Unreinforced slab | | | | |
| Reinforced slab | | | | |
| Engineer detail as per approved plans | | | | |
| Mesh ^{6 & 7} | | | | Specify: |
| Mesh clean, lapped & tied | | | | |
| Supplementary bars ⁸ | | | | |
| Free joints (slabs >24m) ⁹ | | | | |
| Starters bent into slab | | | | |
| Cover & placement ¹⁰ | | | | |
| Supported on bar chairs | | | | |
| Accessible Facilities | | | | |
| Access ramps ¹¹ | | | | |
| Change of levels at thresholds | | | | |
| Continuous DPM from upper to lower level | | | | |
| Floor heights | | | | |
| Foundation height in respect of proposed finished ground levels ¹² : | | | | |
| Notes¹³: | | | | |
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|--|----------------------------|-----------------|-------------|---|
| | Pass | N/A | Fail | |
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| Amended plans required? | Yes / No | Officer: | | |
| Amended specifications required? | Yes / No | | | |
| Reinspection required? | Yes / No | Signed: | | |
| Site instruction issued? | Yes / No | | | |
| Concrete slab inspection passed? | Yes / No | Date: | | |

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 NZS 3604:1999 Section 7.5.3 & NZS 3604:2011 Section 7.5.3

⁴ NZS 3604:1999 Section 7.5.4 – 7.5.7& NZS 3604:2011 Section 7.5.4 – 7.5.7

⁵ Has Engineer visited site and approved foundations as required by consent conditions? Written confirmation is required. E.g. signature on plan/fax etc.

⁶ NZS 3604:1999 Section 7.5.8 & NZS 3604:2011 Section 7.5.8

⁷ 665, 668*, economesh, other *Note: 668 mesh requires **free joints @ 12m centres maximum**

⁸ NZS 3604:1999 Fig 7.17 & NZS 3604:2011 Fig 7.17

⁹ NZS 3604:1999 Section 7.5.8 & NZS 3604:2011 Section 7.5.8

¹⁰ NZS 3604:1999 Section 6.11.7 & 7.5.8 and Figs 7.12, 7.13, 7.14 & 7.15 & NZS 3604:2011 Section 6.11.7 & 7.5.8 & Figs 7.13, 7.14 & 7.16

¹¹ D1/AS1

¹² NZS 3604:1999 Section 7.5.2 & Fig 7.10 & NZS 3604:2011 Section 7.5.2 & Fig 7.11

¹³ Note any additional information, including safety issues