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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mark N/A to any part that does not apply | | | | | | | | | | | | | | | | |
| Property/Project Details | | | | | | | | | | | | | | | | |
| Building permit number (if known) | | | |  | | | | Project reference | | | |  | | | | |
| Location code | | | |  | | LTO number | |  | | Lot number | | | | |  | |
| Address | | | |  | | | | | | | | | | | | |
| Description of works  (Include all relevant details such as number of storeys, intended use etc) | | | |  | | | | | | | | | | | | |
| Documents Attached | | | | | | | | | | | | | | | | |
| Drawing Numbers | | | |  | | | | | | | | | | | | |
| Other | | | |  | | | | | | | | | | | | |
| Design Basis | | | | | | | | | | | | | | | | |
| List all relevant standards and design considerations used in design. (NCC 2022 Schedule 2) | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Class of building (NCC) | | | |  | | | | Is an Independent Third Party Review required?  (Building Regulation 15AA) | | | | | Yes / No | | | |
| Type of Construction  (NCC 2022 Table C2D2) | | | |  | | | | Building Importance Level  (NCC 2022 Table B1D3a) | | | | |  | | | |
| Does the design contain a performance solution/s)? NCC 2022 A2G2  Note: The performance-based design brief must accompany this certificate | | | | | | | | | | | | | Yes / No | | | |
| Annual Probability of Exceedance for Wind (NCC 2022 Table B1D3b) | | | | | | | | 1 in | | | | | | | | |
| Wind Region  (AS/NZS1170.2:2021) | | | |  | | | | Regional gust wind speed VR(m/s) | | | |  | | | | |
| Terrain category | | | |  | | | | Reference height (m) | | | |  | | | | |
| Mz cat |  | | Ms | |  | | Mt |  | Mc | |  | | | Md | |  |
| Design Wind Speed at reference height Vdesθ (m/s) | | | | | | | |  | | | | | | | | |
| Internal pressure coefficients (Cp,i)  Provide justification in comments section below for the use of other than full internal pressures in Regions B2 and C. | | | | | | | |  | | | | | | | | |
| External pressure coefficients (Cp,e) | | | | | | | | Walls | | | | | | | | |
|  | | | | | | | | Roof | | | | | | | | |
| Net pressure coefficients (Cp,n)  (AS/NZS1170.2 Appendix B) | | | | | | | | Roof / Walls | | | | | | | | |
| Imposed Loads, kPa (AS/NZS1170.1) | | | | | | | | Floor / Roof | | | | | | | | |
| Earthquake design category  EDC (table 2.1 of AS/NZS1170.4) | | | | | | | |  | | | | | | | | |
| Hazard design factor (*Z*) (AS/NZS1170.4 Section 3) | | | | | | | |  | | | | | | | | |
| Class of sub-soil (AS/NZS1170.4 Section 4) | | | | | | | |  | | | | | | | | |
| Annual Probability of Exceedance for Earthquake Actions  (NCC2022 Table B1D3b) | | | | | | | | 1 in | | | | | | | | |
| Design Bearing Capacity kPa | | | | | | | |  | | | | | | | | |
| Site classification (AS2870) | | | | | | | |  | | | | | | | | |
| Comments / Exclusions (Exclusions to this certificate must be clearly identified) | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Certification by structural engineer | | | | | | | | | | | | | | | | |
| I certify that reasonable care has been taken to ensure that structural engineering aspects of the works described above have been designed in accordance with the requirements of the Northern Territory *Building Act and Regulations 1993.* | | | | | | | | | | | | | | | | |
| Signature | |  | | | | | | Date | | | | |  | | | |
| Name / nominee1 | |  | | | | | | Individual NT BPB registration number | | | | |  | | | |
| Registered company name  (if certification is on behalf of a registered company) | | | | | | | |  | | | | | | | | |
| Company NT BPB registration number | | | | | | | |  | | | | | | | | |

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| Further information Contact Building Advisory Services on 08 8999 8985 or email [bas@nt.gov.au](mailto:bas@nt.gov.au) |
| End of form |

1 Name and registration number of nominee signing on behalf of the company or if no registered company, the name of registered individual issuing certification.

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| --- | --- | --- |
| Schedule of structural inspections required | | |
| 1. Inspections are required to be carried out by either the certifying engineer or the building certifier who issued the building permit for the work. (If no inspections are indicated refer to the certifying engineer for advice). 2. Where works are prescribed building works under the *Building Act* *1993*, the building certifier must be provided with a copy of the inspection record and no further works must be carried out by the builder until the building certifier issues a release to proceed with further works. 3. Additional non-structural inspections may be required during the course of construction before the issue of an occupancy permit (refer to building certifier for requirements). 4. Failure to obtain inspections may prevent the issue of an occupancy permit upon completion of the building works. | | |
| Schedule of structural inspections for works covered by this certificate | | |
| Completion of site preparation/site filling/excavations for footings prior to placement of any reinforcement or concrete. | | Yes / No |
| Completion of preparations for placing of concrete strip footings including placement of reinforcement. | | Yes / No |
| Completion of preparations for placing concrete slabs including compaction of fill and sand blinding, placement of formwork, reinforcement, starter bars and cast in items. | | Yes / No |
| Completion of preparations for placing of concrete pier footings including reinforcement  (if any). | | Yes / No |
| Starter bars and cast in items after placing of concrete and prior to any covering up work. | | Yes / No |
| Reinforcement to walls completed prior to core filling (inspection holes and cleanout cores to be completed). | | Yes / No |
| Structural steelwork and cold formed steelwork completed and prior to any covering up work. Floor framing system completed before floors are laid or underside is lined. | | Yes / No |
| Suspended concrete floor slabs with formwork, reinforcement and cast in items completed, prior to placing of concrete. | | Yes / No |
| Wall framing or blockwork wall core filling completed (with windows fixed in place) and roof framing with connections completed and prior to sheeting or lining. | | Yes / No |
| * Prior lodgement of truss manufacturer’s drawings, details and certification required | | Yes / No |
| * Prior lodgement of windows manufacturer’s drawings including fixings and certification required | | Yes / No |
| Structural wall linings completed and prior to any covering up work. | | Yes / No |
| Final inspection upon completion of all structural work including fixings of external roof and wall claddings, flashings, barges and vents. | | Yes / No |
| Other inspections | | Yes / No |
| If other, please specify |  | |