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consultants

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Design Check Certificate of Structural Sufficiency

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Address: 160 Bolong Rd
Client: Shoalhaven Starches
Project Name: DDG No 5
Sellick Project Reference: 211049

Suburb: Bomaderry

Description of Building Work:

Design of structural slab (suspended on ground), piled footings, structural steel framing

I certify that:

1. I have checked the following building and supporting elements of the building named above:
Suspended slab, pier loadings, structural steelwork
2. In checking the structural design, I have paid attention to the integrity of the building under normal loading conditions relevant for this type of structure. The strength requirements and serviceability requirements of the building and its structure elements comply with the N.C.C. of Australia and all relevant SAA Codes.
3. We confirm that the piers, slab and structural steel are capable of withstanding the forces of flood waters, debris and buoyancy forces up the 1% Annual exceedance Probability flood event.
4. We confirm that the structure is designed from flood compatible materials.
5. This Certificate applies to the following drawings: S0001(B), 0002(B), 0500(B), 1000(B), 1001(B), 1002(B), 1010(B), 1020(B), 1100(B), 1110(B), 1141(C), 1142(BA), 1150(B), 1151(B), which adequately convey the structural design intentions for the construction of the piers, Slab on Ground and structural steelwork.

Declaration:

I am a professional engineer as defined in Part A1 Clause A1.1 of the Building Code of Australia.
Which States: *a Professional engineer means a person who is eligible to become a Corporate Member of the Institution of Engineers, Australia, and has appropriate experience and competence in the relevant field.*

Signature: _____

Date: 29/11/2021

Name of Engineer: Adam Zahra (on behalf of Sellick Consultants)

Qualifications: B.E., M.I.E (Aust), CPENG, N.E.R (644092), RPEQ (14380)

structural civil hydraulic engineers