engineering new zealand

New Zealand Institute of Architects Incorporated

ACENZ

Building Code Clause(s) B1

PRODUCER STATEMENT – PS1 – DESIGN

(Guidance on use of Producer Statements (formerly page 2) is available at www.engineeringnz.org)

ISSUED BY: ARenD Engineering and Management Ltd.
(Design Firm)

TO: APD Ltd.
(Owner/Developer)

TO BE SUPPLIED TO: Any Building Consent Authority within New Zealand
(Building Consent Authority)

IN RESPECT OF: Proposed installation APD Bubble up / StormSlab Distribution Chamber and Type 1 StormPit
(Description of Building Work)

AT: All New Zealand locations Z <= 0.4
(Address)

Town/City:..... **LOT**..... **DP**..... **SO**.....
(Address)

We have been engaged by the owner/developer referred to above to provide:

Structural Engineering verification for the generic underground installation of APD respect to the APD Bubble up / StormSlab Distribution Chamber and Type 1 StormPit as per drawings specified below.

(Extent of Engagement)

services in respect of the requirements of Clause(s) B1 of the Building Code for:

☒ All or ☐ Part only (as specified in the attachment to this statement), of the proposed building work.

The design carried out by us has been prepared in accordance with:

☒ Compliance Documents issued by the Ministry of Business, Innovation & Employment B1/VM1, AS/NZS 1170 or
(verification method/acceptable solution)

☐ Alternative solution as per the attached schedule.....

The proposed building work covered by this producer statement is described on the drawings titled:

BU-UL-01-04 / BU-RD-01-10 and numbered .....;
together with the specification, and other documents set out in the schedule attached to this statement.

On behalf of the Design Firm, and subject to:
(i) Site verification of the following design assumptions Z <= 0.4, Site Soil AS 3604 'Good Ground' + Relevant Expansivity Class
(ii) All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that a) the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code and that b), the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation:

☐ CM1 ☐ CM2 ☐ CM3 ☐ CM4 ☐ CM5 (Engineering Categories) or ☒ as per agreement with owner/developer (Architectural)

I, Arend Erik Groen am: ☒ CPEng 1032240 # ☐ Reg Arch ..... #
(Name of Design Professional)

I am a member of: ☒ Engineering New Zealand ☐ NZIA and hold the following qualifications: Ingenieur. Ph.D
The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than $200,000*.
The Design Firm is a member of ACENZ: ☐

SIGNED BY Arend Erik Groen (Signature)
(Name of Design Professional)

ON BEHALF OF ARenD Engineering and Management Ltd. Date 15/08/2025
(Design Firm)

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of $200,000.*

This form is to accompany **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent.

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