

### PRODUCER STATEMENT – PS1 – DESIGN

ISSUED BY: **Markplan Consulting Limited** .....  
(Design Firm)

TO: **Glass Systems** .....  
(Owner/Developer)

TO BE SUPPLIED TO: **Any Building Consent Authority in New Zealand** .....  
(Building Consent Authority)

IN RESPECT OF: **proposed new residential/commercial Glass Systems Balustrade Fixings - specific structural components outside the scope of NZS 3604:2011, as per the attached calculations, Ref G40-0001 dated 01/09/2009.** .....  
(Description of Building Work)

AT: **\*\*Not site specific\*\* - Contact Markplan Consulting if site specific documentation is required.** .....  
(Address)

LOT ..... DP .....

We have been engaged by the owner/developer referred to above to provide **structural design of Glass Systems balustrade fixings** in respect of the requirements of Clause(s) **B1/VM1, B2 (insofar as is covered by the relevant structural materials codes listed on this PS1), F4**  
(Extent of Engagement)

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 **AS/NZS 1170; NZS3404; NZS3603.**

(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 **Glass Systems**.....

and numbered **GS-1, GS-1A, GS-2, GS-2A, GS-2B, GS-3, GS-4, GS-10**.....; 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 **The structure supporting the balustrade is designed and installed by suitably qualified persons to resist the design loadings applied by the balustrade and the appropriate balustrade fixing solution has been chosen to meet all requirements of the Building Code.**

(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)

**As per conditions of Building Consent (as a minimum).**

I, **Glen Cossey (Auckland Council Author No. 1944)** am:  CPEng.....#232599  
(Name of Design Professional)

I am a member of  IPENZ  NZIA and hold the following qualifications:

.....**BE (Civil), CPEng, MIPENZ, MIPES**

The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000.00\*.....

The Design Firm is a member of ACENZ  YES  NO

SIGNED BY: **Glen Cossey**..... ON BEHALF OF: **Markplan Consulting Limited**.....

Date: **23/09/2016** (Signature)

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