



PRODUCER STATEMENT STRUCTURAL DESIGN

183 Hereford Street
Christchurch
New Zealand
P.O. Box 13-282
Armagh, Christchurch 8141
Telephone (03) 366-4320
Fax (03) 365-7069
Email eng@lewisandbarrow.co.nz
www.lewisandbarrow.co.nz

Issued By: **Lewis and Barrow Ltd**
To: **Flashman Flashing Systems Ltd**
In Respect Of: **Fixing for Sills**

File No. **16912**^{WRL}

Lewis & Barrow Ltd has been engaged by **Flashman Flashing Systems Ltd** to provide the structural Engineering design of **Fixing for Sills** in respect of the requirements of Clause B1/VM1 of the NZ Building Code for those parts as specified above of the building work. The design has been prepared in accordance with **B1/VM1** of the approved documents issued by the Department of Building and Housing and the work is described on **Lewis and Barrow** drawings titled **Flashman Sill Fixings** numbered **16912/E & F** and dated **03.6.10** according to which the building is proposed to be constructed.

On behalf of Lewis & Barrow Ltd, currently a member of the Association of Consulting Engineers of N.Z., and subject to all of the following design assumptions:

- (i) Window load used was 2.4m high IGU with two 6mm panes,
 - (ii) the Project Information Memorandum (PIM) for the site not revealing any adverse site conditions, that could affect the structural design,
 - (iii) all work not otherwise specified above being in compliance with the NZ Building Code,
 - (iv) all proprietary products meeting the performance specification requirements.
- And (v) this Producer Statement – Structural Design will be valid for only one year from the date of issue

I believe on reasonable grounds that the drawings according to which those parts of the building as specified above are proposed to be constructed, comply with the relevant provisions of B1/VM1 of the NZ Building Code.

Warren R Lewis
B.E. (Hons) MIPENZ CPEng. ANZIM

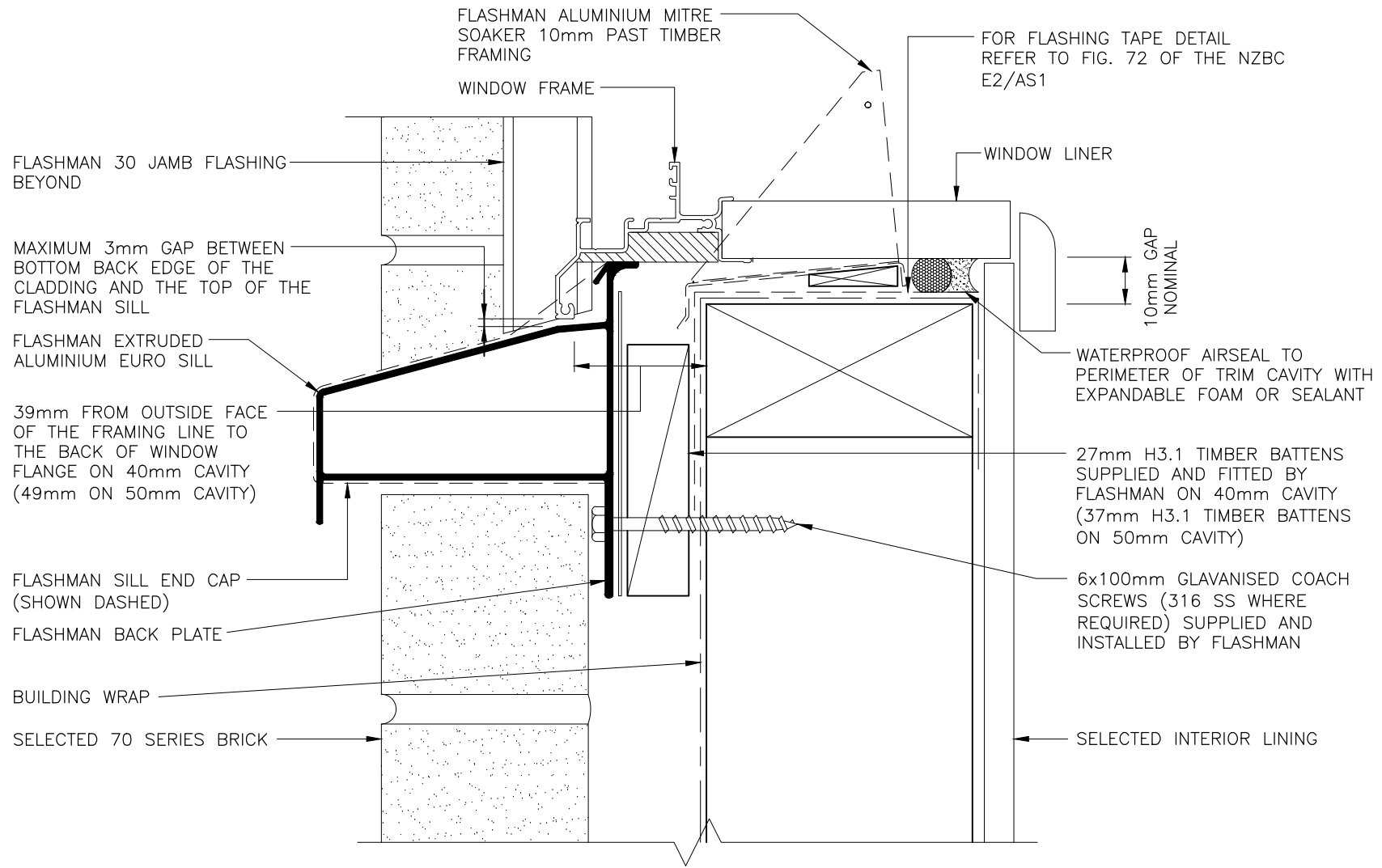
On behalf of LEWIS & BARROW LTD.

Date **3 June 2010**
CPEng Ref. No **33543**
Member ACENZ, IPENZ

Inspections

Inspections by the Territorial Authority.

1. All inspections required to verify compliance with the New Zealand Building Code.

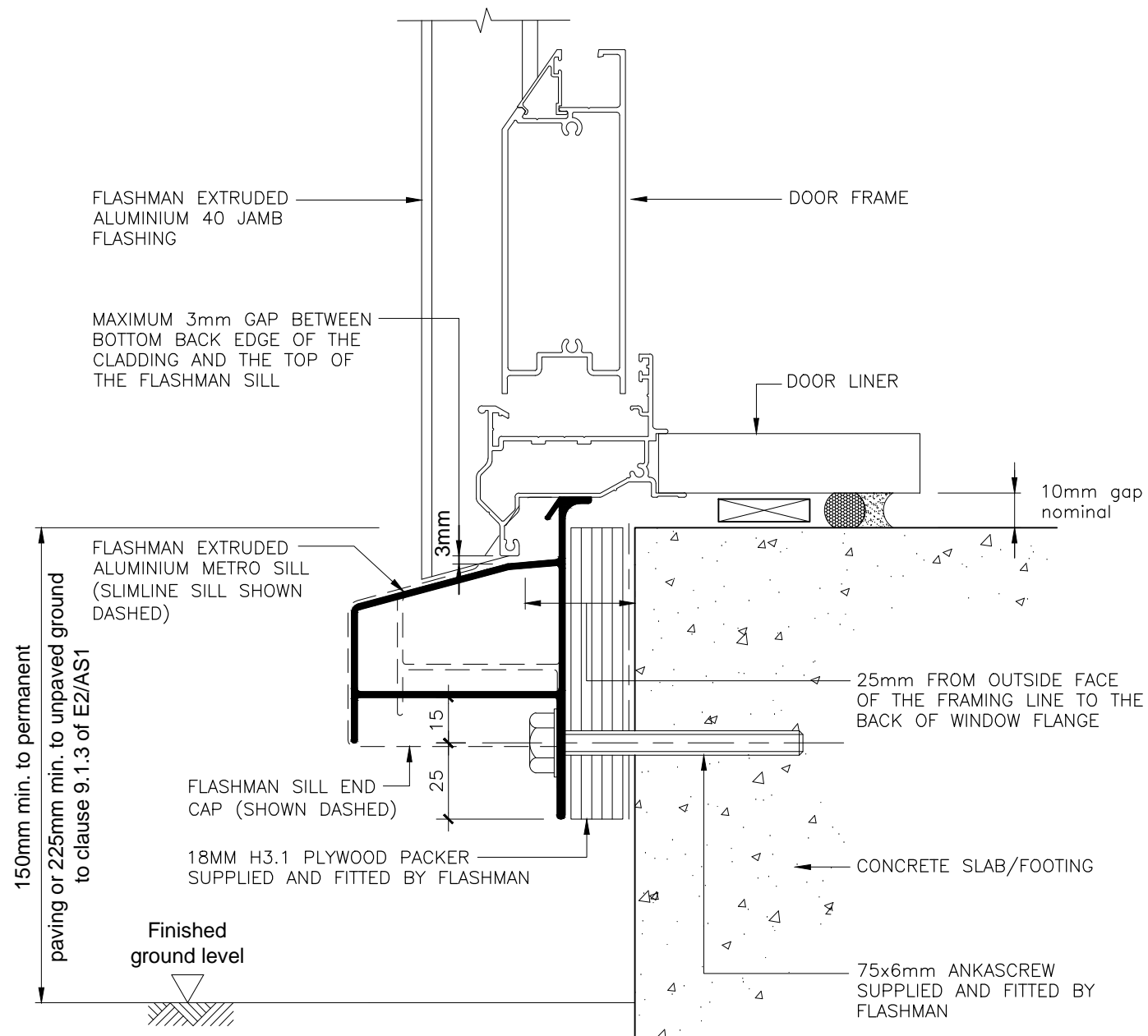


FLASHMAN WINDOW SILL

70 SERIES BRICK VENEER OVER 40 OR 50mm CAVITY

Original Scale 1:2

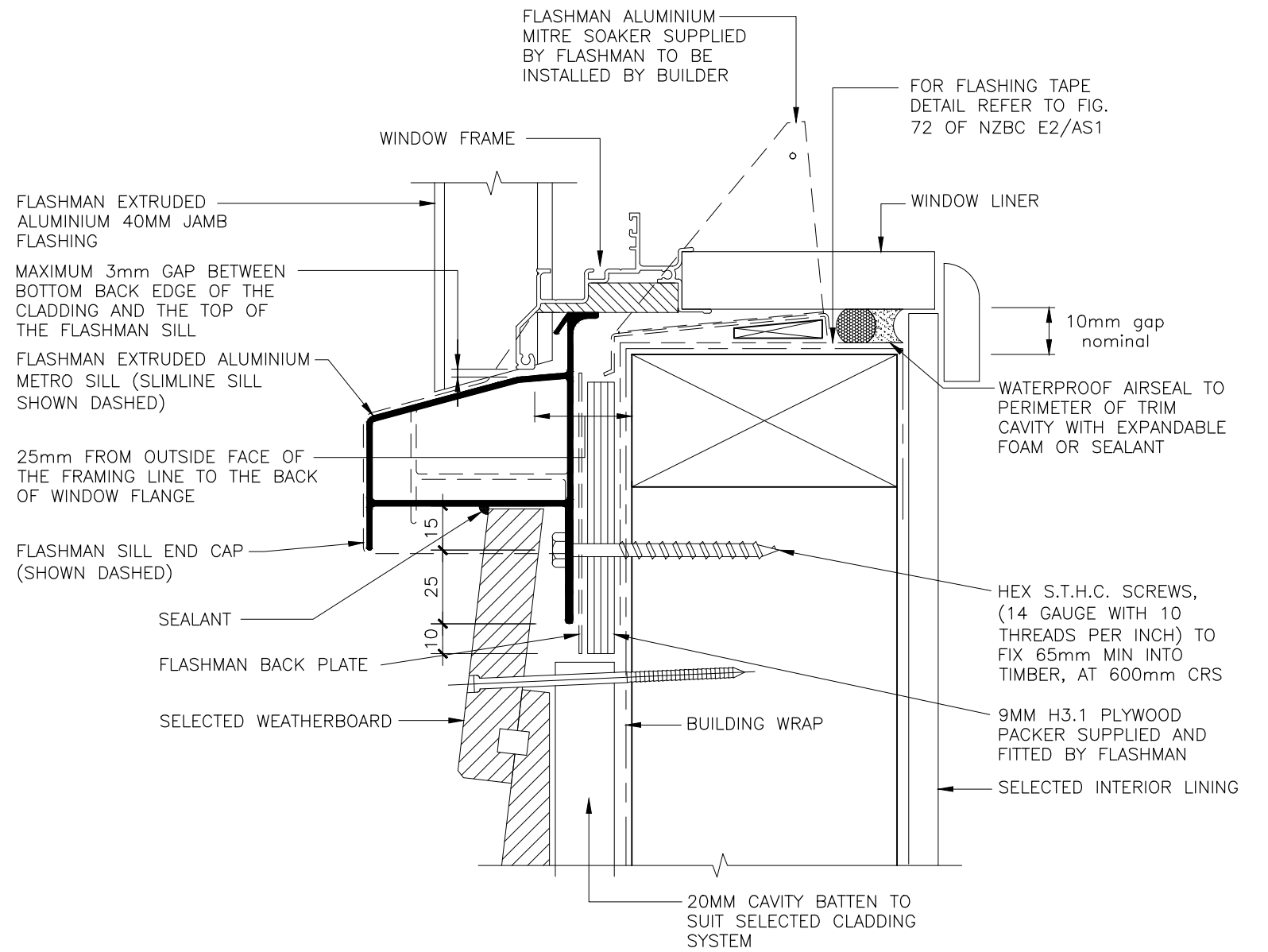
FILE NUMBER 16912/F - 03.06.10



FLASHMAN DOOR SILL

TIMBER OR FIBRE CEMENT WEATHERBOARD - WITHOUT FACINGS

Original Scale 1:2 @ A3



FLASHMAN WINDOW SILL

TIMBER OR FIBRE CEMENT WEATHERBOARD - WITHOUT FACINGS

Original Scale 1:2 @ A3

FLASHMAN SILL FIXINGS

FILE NUMBER 16912/E - 03.06.10