



Alan Reay Consultants

3 May 2011

Dr Clark Hyland
Director
Hyland Fatigue and Earthquake Engineering
PO Box 97282
MANUKAU

Dear Clark

Attached is further information as requested relevant to the alterations undertaken following the Holmes Report.

Attached are Holmes report and notes, engineering calculations, structural details and the contractor's quote.

Yours sincerely
Alan Reay Consultants Ltd

Dr Alan Reay

enc.

Innovation
by design

Alan Reay Consultants Ltd
395 Madras Street
PO Box 3911
Christchurch
New Zealand
Tel 03 366 0434
Fax 03 379 3981
Email eng@arcl.co.nz
Internet www.arcl.co.nz

FW: 249 madras street

FW: 249 madras street

Judy Beale

Sent: Tuesday, 10 May 2011 10:09 a.m.
To: CHDICTATION1
Attachments: 20110504113441520.pdf (224 KB) ; 20110503181725282.pdf (4 MB)

JUDY BEALE | SECRETARY | BUDDLE FINDLAY

Unit 3, 107 Wrights Road, Addington, PO Box 322, Christchurch 8140
Tel +64 3 379 1747 | Fax +64 3 379 5659
judy.beale@buddlefindlay.com | www.buddlefindlay.com

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PLEASE NOTE: OUR CHRISTCHURCH OFFICE IS CURRENTLY OPERATING AT A TEMPORARY ADDRESS

From: Willie Palmer
Sent: 10 May 2011 10:09
To: Judy Beale
Subject: FW: 249 madras street

Judy,
Can you please print all this and put in my mail tray for me to collect tomorrow?
Cheers
w

From: Alan Reay [<mailto:areay@arcl.co.nz>]
Sent: 4 May 2011 11:56
To: 'Willie Palmer'
Subject: FW: 249 madras street

Regards,

Alan M. Reay B.E.(Hons),Ph D.
F.I.P.E.N.Z.
Director



Alan Reay Consultants

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From: Alan Reay
Sent: Wednesday, 4 May 2011 12:02 p.m.
To: 'Clark Hyland'
Subject: RE: 249 madras street

Clark

Letter etc. attached

Thursday morning after 10 or afternoon before 4 (this is the preferred time) would be OK otherwise Friday morning

Alan

Regards,

Alan M. Reay B.E.(Hons), Ph D.

F.I.P.E.N.Z.

Director



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From: Clark Hyland [mailto:clark@fatigueandfracture.com]

Sent: Monday, 2 May 2011 10:59 a.m.

To: Alan Reay

Cc: 'Ashley Smith (StructureSmith)'

Subject: RE: 249 madras street

Thanks Alan,

There are a few technical questions arising from the investigation to date that we would like to talk through with you if possible. These relate to the fire reinforcing to slab, the attachments to the lift core and southern shear wall and some other detailing issues.

We will be in Christchurch on Thursday and possibly Friday. So please advise if a time could be found to meet.

Kind Regards

Clark Hyland

Hyland Fatigue + Earthquake Engineering

P 09 262 0203 F 09 262 0243 M 021 348 352

W www.fatigueandfracture.com

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From: Alan Reay [mailto:areay@arcl.co.nz]

Sent: Monday, 2 May 2011 10:34 a.m.

To: Clark Hyland

Subject: FW: 249 madras street

Clark

I have sent Dave Harding all I have sent you except the cover letter

Alan

FW: 249 madras street

Regards,

Alan M. Reay B.E.(Hons),Ph D.
F.I.P.E.N.Z.
Director



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From: Alan Reay
Sent: Sunday, 1 May 2011 12:22 p.m.
To: Dave Harding ()
Subject: 249 madras street

Dave

Attached and following are records sent to Clark Hyland in his role with the DBH

Alan

Regards,

Alan M. Reay B.E.(Hons),Ph D.
F.I.P.E.N.Z.
Director



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FW: 249 madras street

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