From: Purcell, Geoff
Sent: Monday, 3 April 2017 5:29 PM
To: 'Tony Enright'; Pauga, Esitone
Cc: 'Matthew Burton'; 'Stuart Hope'; 'Matt Smith | peddlethorp'; 'Hide, Kevin'; 'Phung Le'; Hou, Jessie; Davis, Simon; 'ed.claridge@aucklandcouncil.govt.nz'
Subject: RE: Customs Residential - 69 - 105 Customs Street East, Auckland

Hi Tony

I reviewed the NZFS Engineering Unit memorandum prior to it going out and have missed the conflicting commentary regarding this.
I am assuming you are referring to the section below in 2.3? Please confirm this?

> In light of the fire control room being accessed off Gore Street lane, the NZFS recommends the relocation of the FHI and FSI to Gore Street lane (within 20m of an appliance located at the corner of Gore Street and Gore Street lane). This is also considered of benefit to the client as this shift would maximise street frontage for retail display and may reduce the bracing requirements for the canopy on the Customs Street East elevation.

The intent of this section is that:

1. The Fire Control Room located in the basement would be a compromise for our operations during an incident in this building.
   Our very strong preference is for this Fire Control Room to be located on the ground level near the lift lobby. This would aid communications and coordination of our operational response, which will provide an improved outcome for the building occupants and owners during an incident. (Preferred Location in area of Yellow Highlight below) This location would also allow for a door directly to the outside of the building.

2. In consideration of the Fire Control Room being relocated to this preferred location, NZFS could allow relocation of the FHI and FSI (from Customs Street face) to the South West corner of the building in Gore Street Lane. This would have the effect of freeing up window space in Customs Street frontage (Preferred Location for FHI, FSI, Mimic Panel shown in Red outline below). This would then provide a coordinated co-location of the FHI, FSI and Mimic in Gore Street Lane near to the Fire Control Room. A mimic panel would be all that is required at the Customs Street entrance. This would provide the optimum operational configuration for this building. This relocation may also result in less onerous canopy design above the FSI/FHI as the podium setback ensures it is clear of the taller apartment section.

3. I realise that this is similar to what you proposed early on in the design. This was prior to discussions regarding the fire systems design and operating pressures etc. The likelihood of operational crews needing to boost either the FSI or FHI for this building is quite remote. Their being located at the front entrance (Customs Street) is less important now that we know this information. Having the attendance point any further along Gore Street Lane would not work as it would result in the fire appliance blocking up the lane. This restriction would limit our options of using an aerial appliance and the lane could also easily be obstructed by delivery vehicles parking there restricting any appliance access. This is the reason why the attendance point further along Gore Street Lane was dismissed as a viable option early on in our discussions.

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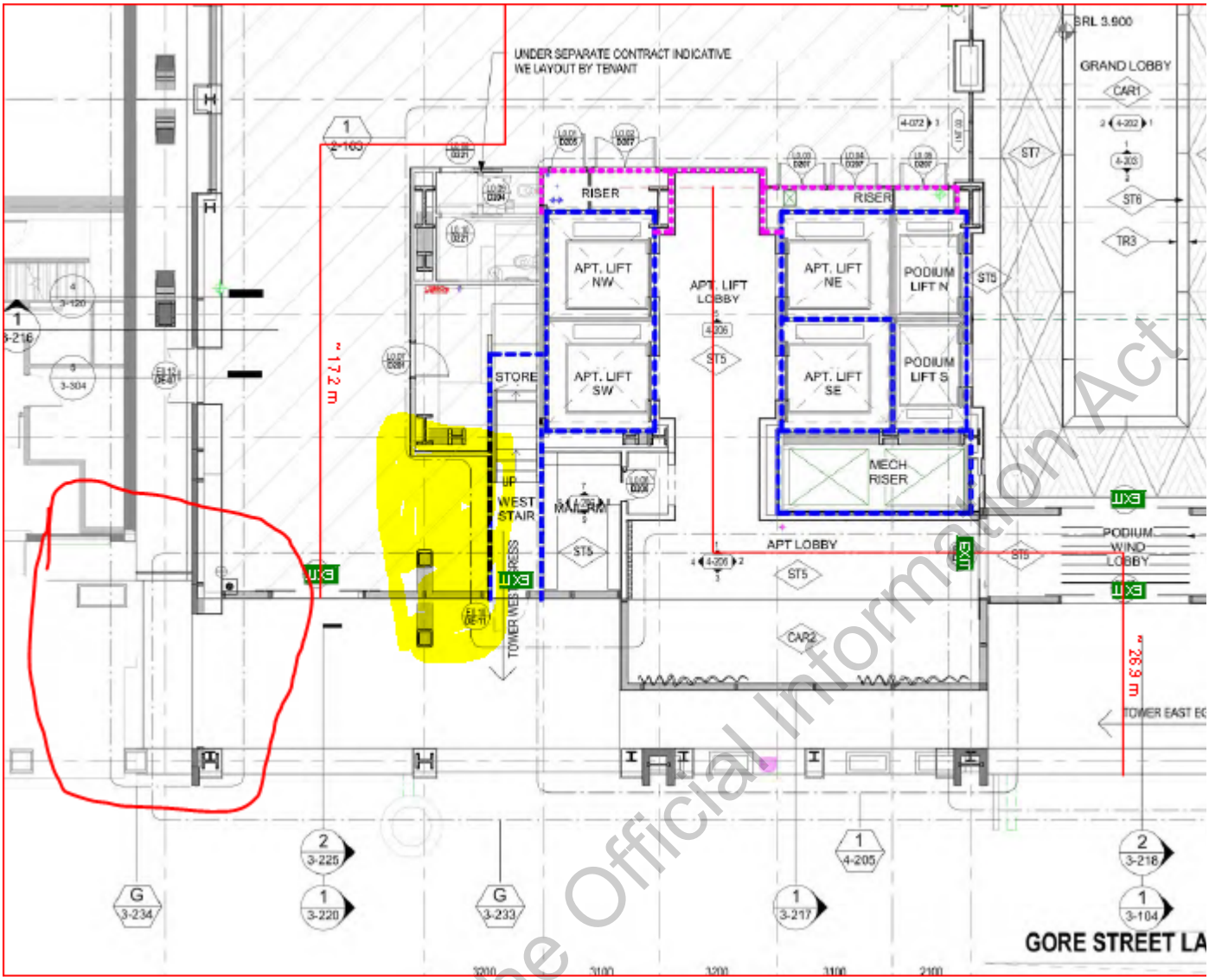

Distance (In Red Below) to FHI, FSI from Gore Street attendance point = 18m which would comply with NZS4510:2008.

Appliance would stay out on Gore Street, clear of the building, so as not to restrict aerial appliance access to Gore Street Lane.

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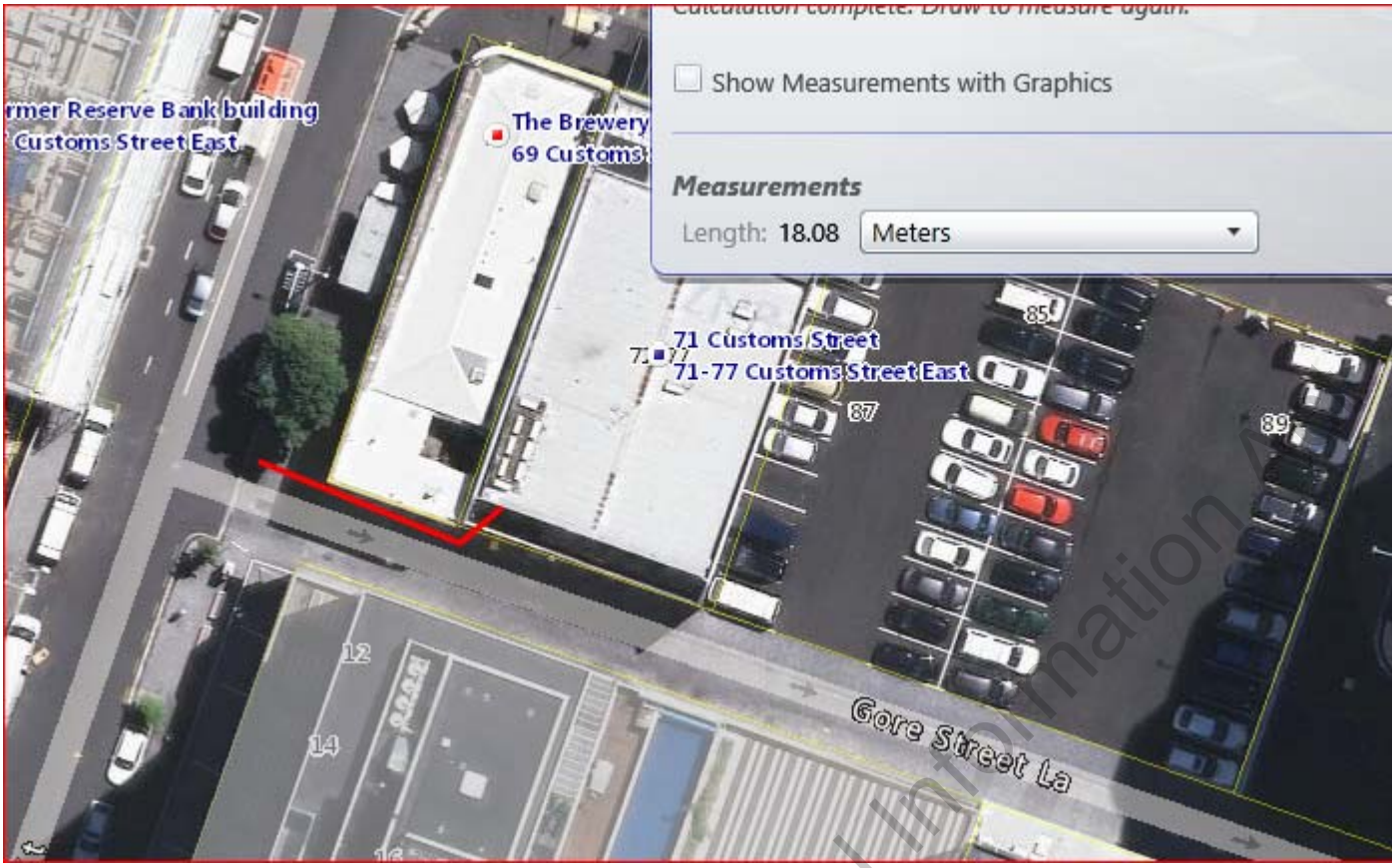

Please advise if this answers your questions regarding this matter?
Please feel free to give me a phone call to discuss if you require further.

Thanks

Regards
Geoff

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Geoff Purcell
Assistant Area Commander

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"It's OK, to say you're not OK"

From: Tony Enright [mailto:tony@enrightconsulting.com]
Sent: Thursday, 30 March 2017 2:54 p.m.
To: Pauga, Esitone <Esitone.Pauga@fire.org.nz>; Purcell, Geoff <Geoff.Purcell@fire.org.nz>
Cc: 'Matthew Burton' <matt@protechdesign.co.nz>; 'Stuart Hope' <stuart@protechdesign.co.nz>; 'Matt Smith | peddlethorp' <matts@peddlethorp.co.nz>; 'Hide, Kevin' <Kevin.Hide@mottmac.com>; 'Phung Le' <Phung.Le@aurecongroup.com>
Subject: Customs Residential - 69 - 105 Customs Street East, Auckland
Importance: High

Esi, Geoff,

Please find enclosed the NZFS Engineering Unit memorandum for this project.

Stuart Hope and I are concerned that some of the directions within this memorandum are contrary to what you have previously told us. In fact, some seem to be the reverse of what you'd told us.

Given that the engineering unit staff were not party to any of the meetings, can you please check and confirm that this memorandum accurately reflects NZFS operational requirements? Or, if this is not the case, then can you please ask the engineering unit to revise it?

Thanks in advance.

Regards,

Tony Enright, PhD
Chartered Professional Engineer
Fellow, Engineers Australia

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Regards
Geoff

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Assistant Area Commander

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