

12 October 2015

Tony Randle  
Fyi.org.nz

By email to: [fyi-request-3160-4789772d@requests.fyi.org.nz](mailto:fyi-request-3160-4789772d@requests.fyi.org.nz)

Dear Mr Randle

### **Official Information Request Response**

Thank you for your information request, submitted through the fyi.org.nz website and received on 22 September 2015, requesting information about geographical positions and elevations of certain points located around the Basin Reserve, Wellington.

In your request, you asked for the following:

**To help with understanding these options, can the WCC please provide me with the exact geographical positions and ground elevation above Sea Level for the following locations:**

- 1) The Eastern road entrance to the Arras Tunnel**
- 2) Cambridge Terrace beside Armstrong Motors (#78 Cambridge Tce ?)**
- 2) Kent Terrace beside Repco Wellington (#78 Kent Terrace ?)**
- 4) Buckle/Ellis Street (outside the Northern Gate to the Basin Reserve)**
- 5) Ellis Street Patterson Street intersection**
- 6) The Western road entrance to the Mount Victoria Tunnel**
- 7) Dufferin Street Rugby Street Intersection**
- 8) Rugby Street Adelaide Road Intersection (outside the Southern Gate to the Basin Reserve)**
- 9) Rugby Street Sussex Street Intersection**
- 10) Sussex Street Buckle Street Intersection**

With regard to the figures, I need to advise you that currently there is no single electronic layer that holds the information the request calls for. We have calculated the x/y/z positions of most of the points requested based upon a combination of LiDAR, Terrain Models and LINZ road layers – specified to New Zealand Transverse Mercator (NZTM), but the thing to note is that none of these guarantee that the data is precise as all have varying margins of error. To gain accurate measurements you would need to contact a licensed surveyor, especially for the height values. The data we have supplied is therefore a new GIS point layer derived from a multitude of sources.

With regard to ground levels around the National War Memorial/Arras Tunnel section of road, the GIS data we hold predates the ground works that have taken place there and as such will now be inaccurate. I would advise you to contact NZTA to see if they could provide some information around the ground levels at these points.

Additionally, following your request, I located the attachment 'plan-set-trueviews-part-2-low-res.pdf' on the NZTA website. This would also appear to detail the x-y-z axis of many of the points you are looking for.

Please contact me if you have any questions.

Yours sincerely



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