

# Invitation for Comment on New Dunedin Hospital – Whakatuputupu

## New Dunedin Hospital – Whakatuputupu is a Referred Project under the COVID-19 Recovery (Fast-track Consenting) Act 2020

|                                  |  |
|----------------------------------|--|
| <b>Application name</b>          | New Dunedin Hospital – Whakatuputupu   |
| <b>EPA reference</b>             | FTC000030  |
| <b>Applicant/s</b>               | Ministry of Health, Minister of Health   |
| <b>Comments due by</b>           | Friday 29 October 2021   |
| <b>Accessing the application</b> | The full application and supporting documents can be viewed on the EPA website, which can be accessed here:<br><br><a href="https://www.epa.govt.nz/fast-track-consenting/referred-projects/new-dunedin-hospital-whakatuputupu/application/">https://www.epa.govt.nz/fast-track-consenting/referred-projects/new-dunedin-hospital-whakatuputupu/application/</a> |

An application has been made by the Ministry of Health and Minister of Health under the COVID-19 Recovery (Fast-track Consenting) Act 2020 (the act) for Stage 1 enabling works for the New Dunedin Hospital – Whakatuputupu.

To comment on Stage 1 enabling works consent application, please fill in the details on the attached form and:

- **Email** the form to [Dunedinhospitalfasttrack@epa.govt.nz](mailto:Dunedinhospitalfasttrack@epa.govt.nz) . Please mark in the subject line: “Comments on New Dunedin Hospital – Whakatuputupu Fast Track Application (Your name/organisation) by Friday 29 October 2021; or
- **Post** the form to New Dunedin Hospital – Whakatuputupu Fast Track Application, Environmental Protection Authority, Private Bag 63002, Waterloo Quay, Wellington 6140 in time for the form to be received by the Friday 29 October; or
- **Deliver in person** to Environmental Protection Authority, Grant Thornton House, Level 10, 215 Lambton Quay, Wellington by 29 October 2021. *Please note that due to potential changes in COVID-19 Alert Levels our reception may not be open to the public. We suggest phoning ahead to check.*

**Comments must be received by the EPA, on behalf of the New Dunedin Hospital – Whakatuputupu Expert Consenting Panel, no later than Friday 29 October 2021**

If your comment is not received by the EPA by Friday 29 October 2021 the Panel is not required to consider your comment (although it may decide to). Under the COVID-19 Recovery (Fast-track Consenting) Act 2020 there is no right to seek a waiver of the time limit.

If you are an iwi authority you may share the consent application with hapū whose rohe is in the project area in the application and choose to include comments from the hapū with any comments you may wish to provide.

## Important information

Your personal information will be held by the EPA and used in relation the Stage 1 enabling works - New Dunedin Hospital – Whakatuputupu consent application process. You have the right to access and correct personal information held by the EPA.

A copy of your comments, including all personal information, will be provided to the Expert Consenting Panel and the applicant.

All comments received on the application will be available on the EPA website.

If you are a corporate entity making comments on this application, your full contact details will be publicly available. For individuals, your name will be publicly available, but your contact details (phone number, address, and email) will not be publicly available.

Please do not use copyright material without the permission of the copyright holder.

All information held by the EPA is subject to the Official Information Act 1982.

More information on the fast-track consenting process can be found at <https://www.epa.govt.nz/fast-track-consenting/about/>.

# Your Comment on the New Dunedin Hospital – Whakatuputupu

All sections of this form with an asterisk (\*) are mandatory.

## 1. Contact Details

Please ensure that you have authority to comment on the application on behalf of those named on this form.

|  |                                    |                    |             |
|--|------------------------------------|--------------------|-------------|
| <b>Organisation name (if relevant)</b>   | Allied Press                       |                    |             |
| <b>*First name</b>   | Raja                               |                    |             |
| <b>*Last name</b>  | Chakrabarti                        |                    |             |
| <b>Postal address</b>  | PO Box 517, Dunedin 9054           |                    |             |
| <b>*Home phone / Mobile phone</b>  | 021 056 1417                       | <b>*Work phone</b> | 03 479 3501 |
| <b>*Email (a valid email address enables us to communicate efficiently with you)</b> | raja.chakrabarti@alliedpress.co.nz |                    |             |

## 2. \*We will email you draft conditions of consent for your comment

|                                     |  |                          |  |
|-------------------------------------|--|--------------------------|--|
| <input checked="" type="checkbox"/> | I can receive emails and my email address is correct | <input type="checkbox"/> | I cannot receive emails and my postal address is correct |
|-------------------------------------|--|--------------------------|--|

## 3. Please provide your comments on this application

If you need more space, please attach additional pages. Please include your name, page numbers and the project name on the additional pages

The proposal is associated with Stage 1 of the New Dunedin Hospital (NDH), being the ‘inground enabling works’. While not part of the current application, it is noted that Stage 2 involves the actual construction of the NDH.

The Commentator, Allied Press, wishes to raise one matter with regards to Stage 1, and to highlight a potential matter with regards to Stage 2.

By way of background, the Commentator owns the land and building to the south of the Inpatients site, and operates the activities associated with printing and distributing daily and community newspapers, regional television stations, internet websites and commercial printing operations. Of particular relevance is the location of the communication devices for the regional television station (this is discussed under Stage 2 below) and the large onsite commercial printing press (this is discussed under Stage 1 below).

## Stage 1 – with reference to the large commercial printing press

In 1998 the Commentator made a significant investment in print technology with the purchase and installation of a Goss Universal 70 offset press. The press configuration comprises 5 x 4-high tower and 1 x mono printing units that are capable of printing 70,000 copies per hour in straight mode. When printing in this fashion the paper flows at 11.3 meters per second through the machine. On average, these machines use more than 100 tonnes of paper a week.

To appreciate the scale of this machine, the Commentator extends an invitation to the Expert Consenting Panel to view the press.

For the press to operate, it is imperative that the press remains level. Scheduled annual monitoring is currently undertaken, along with specific monitoring as required (i.e. such as after an earthquake event). Monitoring is undertaken by a Dunedin survey firm and generally takes 3 hours. Note; the monitoring work cannot be undertaken while the press is running, or when heavy equipment is operating nearby – as this interferes with the sensitive measuring devices used.

Vibrations can result in the press going out-of-level. As a result, the paper will not flow correctly and will tear, thus becoming un-operational. Re-levelling the press is a significant undertaking. The task of re-levelling the press cannot be carried out locally and would require engineers from the press manufacturer based in Preston, UK or Augsburg, Germany to come over to carry out the job. The job itself would take close to a week to carry out. Even under normal circumstances there is at least an 8-week delay in getting someone across and even more challenging (or impossible) under the current Covid climate and restrictions to international travel.

**The Commentators key concern is the effect of the piling activity (and other vibration causing activity) of the proposal on the level of the press. The effects associated with vibration on equipment is not covered in the application nor the various supporting reports.**

Having the press go out-of-level is not a practical option. Hence, it is suggested that the extent of monitoring associated with the press is significantly increased, and if level changes are recorded, then piling activity (and/or other vibration causing activity) is immediately ceased.

The suggested monitoring regime is:

- Daily monitoring during piling associated with the Inpatients building.
- Weekly monitoring during piling associated with the Logistics building.
- Two weekly monitoring during piling associated with the Outpatients building
- Monthly upon the completion of the piling activity, while Stage 1 works continue.

As the monitoring activity cannot be undertaken when the press is running, it is suggest that the monitoring occurs between 8am and 11am on each day of the suggested monitoring regime (refer above). During the monitoring activity, no piling (or other vibration causing activity) activity can occur.

The monitoring regime is to be arranged by the Commentator, and the Applicant is to reimburse all external costs associated with the monitoring. The outputs from the monitoring is to be shared between the Commentator and the Applicant in a timely manner.

If the monitoring identifies a potential issue, then all piling activity (and/or other vibration causing activity) is to cease immediately. Following which the Applicant, the Commentator and the firm responsible for the monitoring, will jointly discuss the situation. The parties will endeavour to reach a collaborative agreement regarding how and when to restart the piling work (and/or other vibration causing activity). If agreement cannot be reached, then the matter will be referred to arbitration for settlement.

Stage 2 – with reference to the communication devices for the regional television station

As noted above, the activities of the Commentator includes regional television stations. To support that activity, the Commentator has communication devices located on the roof of its building. These communication devices require a direct line of sight to the applicable transmission tower, such as the one located on Mount Cargill.

The diagram below shows that the required line of sight crosses the majority of the NDH site.



Above: Approx. line of sight from the satellite dishes on the roof the Allied Press building to the Transmitter tower on Mount Cargill

While this matter is outside of the current application, the Commentator wishes to formally raise this matter now, to encourage the Applicant to work with the Commentator to identify a suitable solution.

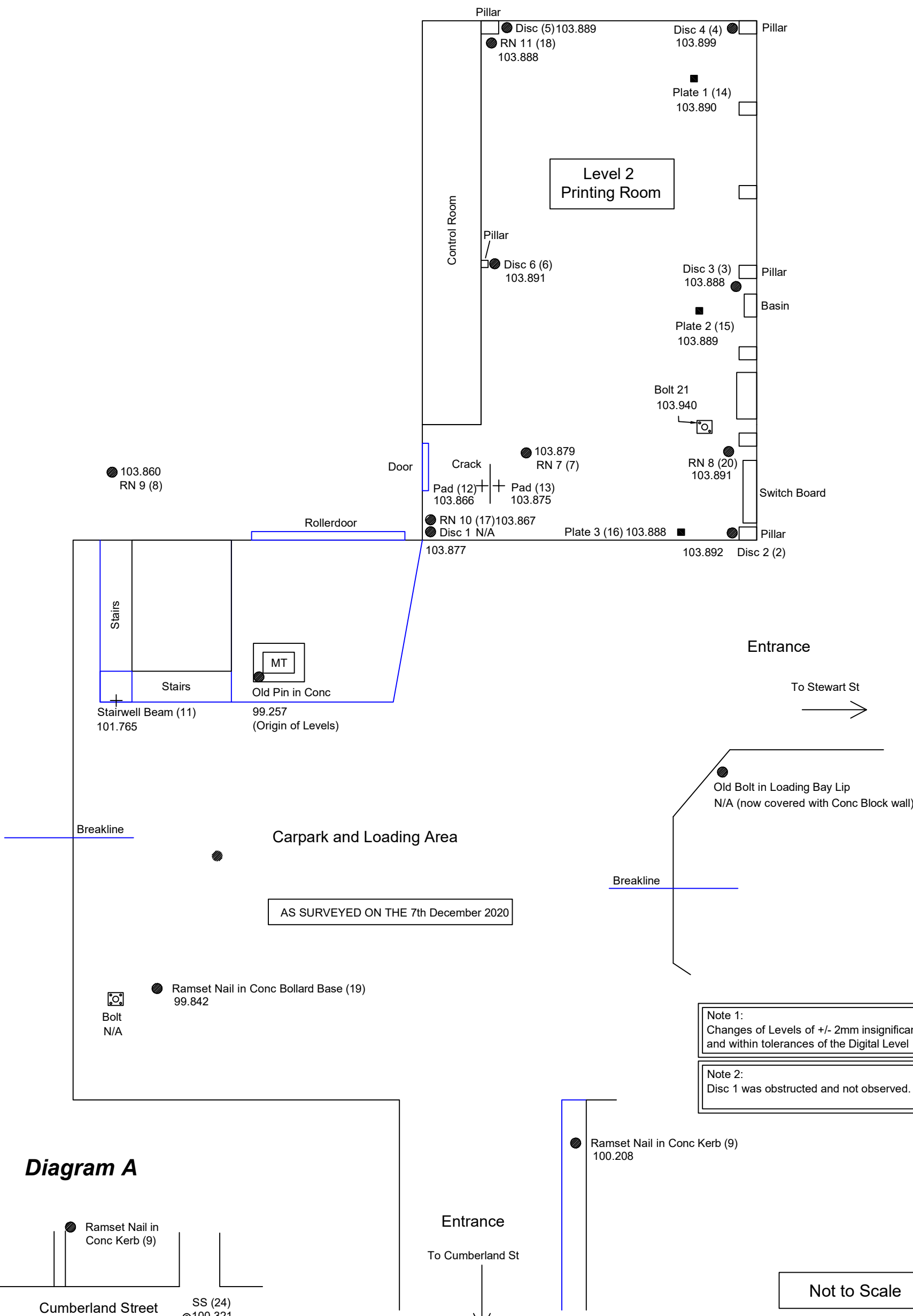
Attachment: Monitoring report from December 2020 (2 pages)

Thank you for your comments

# ALLIED PRESS BUILDING DEFORMATION MONITORING

Note: differences in levels are calculated between original and current values

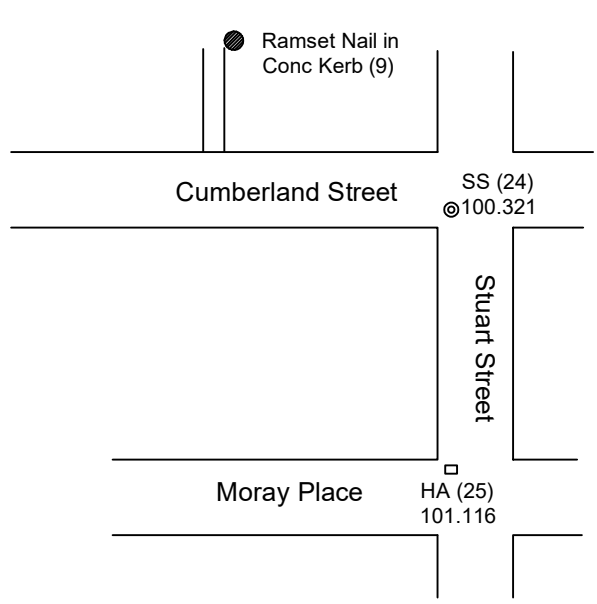
| Survey date | 26.05.08          | 29.05.09 | 29.05.09             | 31.05.10 | 31.05.10             | 30.05.11 | 30.05.11             | 28.05.12 | 28.05.12             | 27.05.13 | 27.05.13             | 30.05.14 | 30.05.14             | 08.06.15 | 08.06.15             | 04.07.16 | 04.07.16             | 10.06.19 | 10.06.19             | 7.12.20 | 7.12.20              |
|-------------|-------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|---------|----------------------|
|             | Origin Level 2008 |          | Difference 2009 (mm) |          | Difference 2010 (mm) |          | Difference 2011 (mm) |          | Difference 2012 (mm) |          | Difference 2013 (mm) |          | Difference 2014 (mm) |          | Difference 2015 (mm) |          | Difference 2016 (mm) |          | Difference 2019 (mm) |         | Difference 2020 (mm) |
| 1           | 103.876           | 103.876  | 0                    | 103.876  | 0                    | 103.877  | 1                    | 103.876  | 0                    | 103.877  | 1                    | 103.877  | 1                    | N/A      |                      | N/A      |                      | N/A      |                      | N/A     |                      |
| 2           | 103.888           | 103.888  | 0                    | 103.886  | -2                   | 103.890  | 2                    | 103.890  | 2                    | 103.889  | 1                    | 103.889  | 1                    | 103.89   | 2                    | 103.889  | 1                    | 103.89   | 2                    | 103.892 | 4                    |
| 3           | 103.885           | 103.887  | 2                    | 103.885  | 0                    | 103.887  | 2                    | 103.887  | 2                    | 103.886  | 1                    | 103.886  | 1                    | 103.887  | 2                    | 103.887  | 2                    | 103.887  | 2                    | 103.888 | 3                    |
| 4           | 103.895           | 103.895  | 0                    | 103.895  | 0                    | 103.898  | 3                    | 103.898  | 3                    | 103.897  | 2                    | 103.897  | 2                    | 103.898  | 3                    | 103.898  | 3                    | 103.898  | 3                    | 103.899 | 4                    |
| 5           | 103.888           | 103.888  | 0                    | 103.888  | 0                    | 103.890  | 2                    | 103.890  | 2                    | 103.889  | 1                    | 103.889  | 1                    | N/A      |                      | N/A      |                      | N/A      |                      | 103.889 | 1                    |
| 6           | 103.888           | 103.888  | 0                    | 103.888  | 0                    | 103.890  | 2                    | 103.890  | 2                    | 103.889  | 1                    | 103.889  | 1                    | 103.889  | 1                    | 103.890  | 2                    | 103.89   | 2                    | 103.891 | 3                    |
| 7           | 103.877           | 103.877  | 0                    | 103.877  | 0                    | 103.879  | 2                    | 103.879  | 2                    | 103.878  | 1                    | 103.878  | 1                    | 103.878  | 1                    | 103.878  | 1                    | 103.879  | 2                    | 103.879 | 2                    |
| 9           |                   |          |                      | 103.858  |                      | 103.858  | 0                    | 103.860  | 2                    | 103.859  | 1                    | 103.859  | 1                    | 103.859  | 1                    | 103.860  | 2                    | 103.86   | 2                    | 103.860 | 2                    |
| Plate 1     |                   |          |                      | 103.889  |                      | 103.889  | 0                    | 103.889  | 0                    | 103.888  | -1                   | 103.888  | -1                   | 103.888  | -1                   | 103.888  | -1                   | 103.888  | -1                   | 103.890 | 1                    |
| Plate 2     |                   |          |                      | 103.888  |                      | 103.888  | 0                    | 103.888  | 0                    | 103.887  | -1                   | 103.887  | -1                   | 103.888  | 0                    | 103.888  | 0                    | 103.888  | 0                    | 103.889 | 1                    |
| Plate 3     |                   |          |                      | 103.886  |                      | 103.886  | 0                    | 103.886  | 0                    | 103.886  | 0                    | 103.886  | 0                    | 103.884  | -2                   | 103.887  | 1                    | 103.887  | 1                    | 103.888 | 2                    |
| A (RN)      | 100.203           | 100.203  | 0                    | 100.203  | 0                    | 100.205  | 2                    | 100.205  | 2                    | 100.205  | 2                    | 100.206  | 3                    | 100.206  | 3                    | 100.206  | 3                    | 100.208  | 5                    | 100.208 | 5                    |
| B (Bolt)    | 100.143           | 100.143  | 0                    | 100.143  | 0                    | 100.144  | 1                    | 100.143  | 0                    | 100.143  | 0                    | 100.143  | 0                    | N/A      |                      | N/A      |                      | N/A      |                      | N/A     |                      |
| C (Beam)    |                   |          |                      | 101.765  |                      | 101.765  | 0                    | 101.763  | -2                   | 101.762  | -3                   | 101.762  | -3                   | 101.764  | -1                   | 101.764  | -1                   | 101.765  | 0                    | 101.765 | 0                    |
| D (Crack 1) |                   | 103.864  |                      | 103.864  | 0                    | 103.865  | 1                    | 103.866  | 2                    | 103.865  | 1                    | 103.865  | 1                    | N/A      |                      | 103.865  | 1                    | 103.866  | 2                    | 103.866 | 2                    |
| E (Crack 2) |                   | 103.873  |                      | 103.873  | 0                    | 103.874  | 1                    | 103.875  | 2                    | 103.874  | 1                    | 103.874  | 1                    | N/A      |                      | 103.873  | 0                    | 103.875  | 2                    | 103.875 | 2                    |
| RN 10       |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 103.866  |                      | 103.866  | 0                    | 103.867  | 1                    | 103.867 | 1                    |
| RN 11       |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 103.887  |                      | 103.885  | -2                   | 103.886  | -1                   | 103.888 | 1                    |
| RN 8        |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 103.889  |                      | N/A      |                      | 103.891 | 2                    |
| RN 19       |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 99.844   |                      | 99.842   | -2                   | 99.842  | -2                   |
| Bolt 21     |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 103.939  | N/A                  | 103.940 | 1                    |
| SS          |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 100.324 | N/A                  |
| HA          |                   |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      |          |                      | 101.116 | N/A                  |



Note 1:  
Changes of Levels of +/- 2mm insignificant and within tolerances of the Digital Level

Note 2:  
Disc 1 was obstructed and not observed.

**Diagram A**



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|                  |  |
|------------------|--|
| SHEET: 1 OF: 1   |  |
| DATE: 7/12/2020  |  |
| SURV + PLAN: LRC |  |
| JOB REF: 13407   |  |

**Allied Press Building Deformation Monitoring**

**Benchmark Detail Plan**

NOTE : LEVELS ARE IN TERMS OF A FALSE DATUM  
: LEVELLING RUNS UNDERTAKEN WITH A SOKKIA SDL 30 DIGITAL LEVEL  
SERIAL NO D11804