

ASBESTOS MANAGEMENT PLAN & SITE MANAGEMENT SURVEYS

Site: South Canterbury DHB
Queen Street, Parkside, Timaru

Prepared for: South Canterbury District Health Board

Project Ref: C-00727

Date of survey: 14 November – 21 December 2018



18 February 2019

Project Ref: C-00727

South Canterbury District Health Board
Queen Street
Parkside
Timaru 7910

Attention: Simon Johnston

Dear Simon,

RE: Asbestos Management Plan & Management Survey

Asbestos Environmental Consultants Limited (AEC) are pleased to present an Asbestos Management Plan (AMP) following the Asbestos Management Survey of South Canterbury DHB, Queen Street, Parkside, Timaru on behalf of our client South Canterbury District Health Board, hereinafter referred to as the Client.

Please do not hesitate to contact the undersigned should you wish to discuss any aspect of the report.

For and on behalf of

Asbestos Environmental Consultants Limited

Mr Ritchie Bower
Principal Consultant

Ms Samantha Martinez
Business Manager

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Appendix A: Building Asbestos Material Surveys

Appendix B: Staff Asbestos Information

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Acronyms

AEC	Asbestos Environmental Consultants Limited
Ch or Chry	Chrysotile (white) Asbestos
Cr or Croc	Crocidolite (blue) Asbestos
Am or Amo	Amosite (brown) Asbestos
NAD	No Asbestos Detected
ACM	Asbestos Containing Material or Product
FID	Fibre Identification (Usually by PLM)
PLM	Polarised Light Microscopy
SMF	Synthetic Mineral Fibre
AMP	Asbestos Management Plan
HVAC	Heating Ventilation & Air Conditioning
FC	Fibre Cement
SEM	Scanning Electron Microscopy
AFM	Airborne Fibre Monitoring
Ref or Reference	Referral sample from visually identical material
LM	Linear Metres
m²	Square Metres
NQ	Not Quantifiable i.e. Dust, or multiple items
PCBU	Person Conducting a Business or Undertaking

1 Executive Summary

AEC has prepared an Asbestos Management Plan (AMP) following an Asbestos Management Survey of various buildings and areas for South Canterbury DHB, Queen Street, Parkside, Timaru, 7910.

The asbestos management survey involved the planning, investigation and identification, with sampling of suspected asbestos containing materials (ACM). This was defined within the scope of works determined with the client prior to commencement of the inspections.

A variety of ACM have been identified on the site, these include both friable and non-friable (bonded) ACM. Of most concern are the friable products, such as pipe insulation, paper linings, low density board panels, residue and debris amongst others. Some areas require access controls implementing and remedial actions undertaken.

AEC can assist in developing interim access control procedures, and detailed scope of works documents to mitigate the risk of further unsuccessful remedial works, such as occurred in the tunnels.

Each building or area in the scope of works has its own individually risk assessed register, with a suggested action rating for all identified ACM. The action rating provides guidance on the most appropriate risk reduction strategy for that particular item, this is based on the surveyors limited knowledge of the area and with limited or no insight as to any future works or occupant activity of the area.

It is recommended the client review these action ratings to confirm their suitability or appropriateness for the area(s) in question. For example, a moderate risk ACM in an area that could disrupt operations may require prioritisation over a high-risk ACM in an area which can have access easily and safely restricted without impacting operations at the hospital.

If any refurbishment or maintenance activities are to be undertaken that may disturb inaccessible areas or areas that could conceal other building products, then this survey must be upgraded to a Refurbishment / Demolition Survey. The Refurbishment / Demolition survey can be specific to the locations or areas where work is to be conducted.

All laboratory analysis in this report has been conducted at an IANZ accredited laboratory.

2 Introduction

AEC was commissioned by South Canterbury District Health Board to conduct an asbestos management survey of various building and an asbestos management plan for South Canterbury DHB, Queen Street, Parkside, Timaru, 7910.

An AEC OHS Consultant carried out the building asbestos management surveys. Simon Johnston of South Canterbury District Health Board provided some information regarding the site and its history. Other information was obtained from vendor manuals, standards, guidelines, regulations and other material available in the public domain.

This Asbestos Management Plan outlines the management systems in place to eliminate or minimise the potential risks from asbestos in this workplace. It also includes the Asbestos Register in the Appendices. This Asbestos Management Plan is to be held on site and stored centrally by the Client.

All staff, contractors, customers and visitors have an obligation to take care of the health and safety of themselves and others in the workplace.

2.1 Scope of Works

The scope of work required AEC to provide an experienced Occupational Health and Safety (OHS) Consultant who is competent and certified to undertake an Asbestos Management Survey of South Canterbury DHB, Queen Street, Parkside, Timaru, 7910. Once the survey was completed, the results received and reviewed, AEC were to draft an asbestos management survey report and management plan to assist the Client in managing their site asbestos risks.

The survey includes identification and condition assessment of the presence and extent of any suspect Asbestos Containing Materials (ACM) in all safety and readily accessible areas within the scope of works.

Samples from each type of suspect ACM found will be collected and analysed, with results being detailed in a hard copy report. All high-priority presence of ACM will be communicated to the client verbally, on receipt of analysis results.

- Mobilise an asbestos surveyor / consultant to and from the site
- Liaise with personnel and collect data on the history, use and function of the site
- Conduct an asbestos management survey to locate ACM in all accessible areas
- Collect samples of suspect asbestos containing material and submit samples for laboratory analysis
- Document the details of materials identified including photographs of any samples taken
- Record, collate and report the findings to the client in the asbestos management plan and survey report

2.2 Background

The site has not previously been assessed by AEC. The purpose of the survey was to comply with the Health and Safety at Work (Asbestos) Regulations 2016, identify potential asbestos hazards and manage these risks in accordance with industry good practice.

2.3 Study team

Mr Roger Moore of AEC undertook the surveys and sampling of suspect ACM. Roger is an experienced safety, asbestos and hazardous materials consultant. Roger has over 14 years' experience and holds UK, New Zealand and international asbestos qualifications.

Roger's relevant qualifications and licenses include;

- Safework NSW & WorkSafe NZ Licenced Asbestos Assessor
- Accredited Fibre Counter (NSW)
- British Occupational Hygiene Society (BOHS) P402: Buildings Surveys And Bulk Sampling For Asbestos
- BOHS P403: Asbestos Fibre Counting (PCM)
- BOHS P404: Air Sampling And Clearance Testing Of Asbestos
- BOHS S301: Asbestos & Other Fibres
- Certificate Of Competence In Asbestos Supervisory Licence Holder

Mr Ritchie Bower of AEC assisted Roger and drafted this report and management plan. Ritchie is an experienced safety, asbestos and hazardous materials consultant. Ritchie has over 20 years' safety management experience and holds New Zealand, Australian and international asbestos and safety qualifications.

Ritchie's relevant qualifications and licenses include;

- Diploma of Occupational Health & Safety
- WorkSafe NZ Licensed Asbestos Assessor
- British Occupational Hygiene Society (BOHS) – P402 Asbestos Building Surveys
- Occupational Hygiene Certificate – BOHS S301 – Asbestos & Other Fibres (with credit)
- Plan and undertake site inspection and assessment of asbestos products and materials (Australian Qualification CPC4023A)
- A former National Association of Testing Authorities, Australia (NATA) Signatory for Asbestos & Hazardous Materials Surveys, Airborne Fibre Monitoring and Volumetric Air Measurement
- WorkSafe New Zealand – Certificate of Competency for restricted work with asbestos (#7680)
- WorkSafe West Australia (WA) - Restricted Asbestos Removal Certificate
- Certificate IV Surface Ventilation Officer under the Mines Safety & Inspection Act (WA)
- Certified Lead Auditor for Safety, Maritime & Quality Management Systems

3 Use of this asbestos management plan

3.1 The Client

The Client's staff members are not permitted to carry out any work involving asbestos unless they are appropriately trained, licensed and qualified.

Where a person is engaged to work at the Client's workplace, they must attend a site-specific induction regardless whether asbestos is present or not. This includes both staff of the Client and contractors. All contractors should be required to provide evidence of relevant industry training on the identification and management of asbestos within workplaces. This will be managed by the Property / Site Manager and must be obtained prior to works being conducted within workplaces.

This site-specific induction will include an overview of the location, and arrangements for the management of asbestos that has been identified in that workplace. It will also include a summary of the emergency procedures and reporting requirements, as contained in this asbestos management plan.

If a staff member inadvertently comes into contact with or disturbs asbestos in the workplace or identify material which is suspect then they should notify the Property / Site Manager immediately.

3.2 Contractors and Other Workers

Please ensure that you have read and understood the information in this Asbestos Management Plan and the associated Asbestos Survey Report for this site before you undertake any work. You should identify if any of the work that you may undertake on site may involve asbestos, on the basis of the information in the Asbestos Survey Report.

If a contractor comes into contact with, or disturbs, asbestos in the Client's workplace, they must comply at all times with this Asbestos Management Plan (including recording the nature of their work in the Asbestos Register – Work Register) and all New Zealand laws and regulatory guidance in respect of the handling of asbestos.

It is important that any work involving or in the vicinity of asbestos that you undertake on this site is done in accordance with this Asbestos Management Plan and all other relevant legislation. If in doubt do not commence work.

3.3 Scope of Asbestos Management Surveys

An asbestos management survey of this workplace has been undertaken. This generally does not include intrusive sampling techniques. Therefore, if any refurbishment / demolition work is to be undertaken more information should be sought prior to work commencing.

For minor works, then further checks may be required, if areas to be disturbed or accessed are relatively inaccessible without intrusive or destructive techniques (i.e. Steel work behind boxing or walls) and the materials to be disturbed cannot be readily confirmed as non-asbestos i.e. Wood, metal, plasterboard, etc.

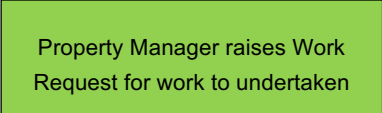
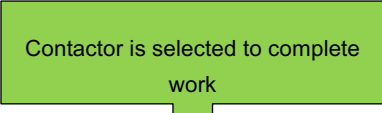

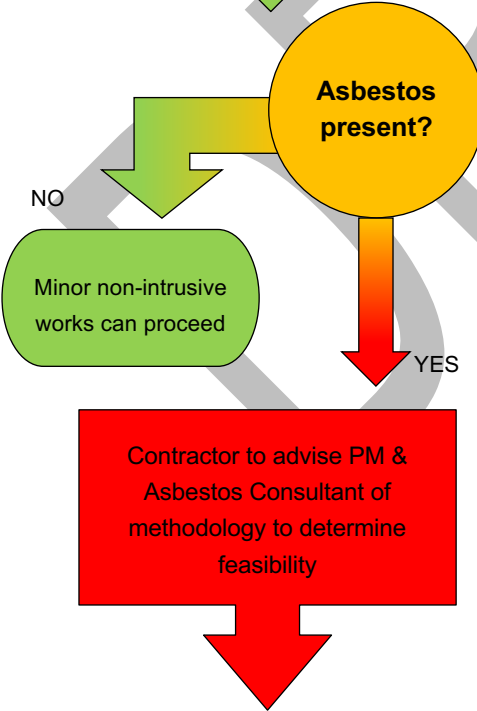
A copy of the most recent survey, outlining the location and condition of asbestos in this workplace, is held on the premises and is also set out in appendices. More information about the survey can be obtained from the Property Manager. Other relevant contact name and numbers for this asbestos management plan can be found on appendix C.

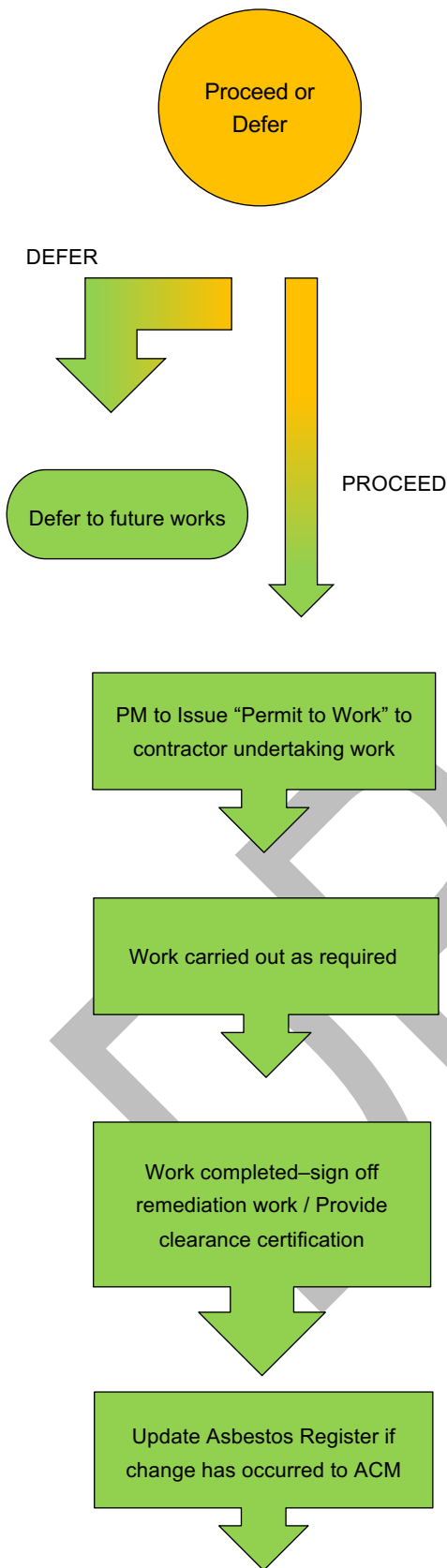
3.4 Before Initiating Any Work

The following flow chart (Fig 1) sets out the steps to be followed before initiating any building work or maintenance tasks in this building.

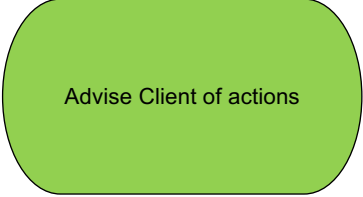
Always contact the Property / Site Manager and discuss your proposal prior to work commencing or if any issues arise while work is being undertaken. If in doubt about the status of any building material or product, then the contractor must stop work.

Fig 1. Controlling Building and Maintenance Works

What	Who	Notes
	Property / Site Manager	Property / Site Manager identifies maintenance or construction work that is required in a workplace. This may include the works in proximity of identified asbestos. In determining the remediation approach the Property Manager should consider what steps are reasonably practicable to eliminate or minimise the risk.
	Contractor/Service Provider	Contractor is selected to complete the work
	Site Manager /Contractor/Service Provider	The Property / Site Manager & Contractor / Service Provider will review the Site-Specific Asbestos Management Plan and check the Asbestos Register to determine the presence of asbestos within the designated working area. If asbestos is present, then all parties must be notified of the extent and location of asbestos prior to the commencement of any work.
	Contractor/Service Provider	No asbestos positively identified within the designated working area: Minor work can proceed in accordance with adopted procedures for building works. If work is considered more than minor or materials to be disturbed cannot be positively distinguished non-ACM or it is an inaccessible area then the



	<p>contractor should stop work and re-assess for asbestos risks.</p> <p>Ensure all contractor personnel have received training in identifying and managing ACM.</p>
Contractor/Service Provider	If asbestos is present within the designated working area: The Work Request is to be analysed to determine cost effectiveness of removing asbestos as part of future works or as part of a specific project.
Property Manager or Contractor/Service Provider	A decision is made whether or not to proceed with the work having consideration for the future works schedules, whether the ACM will be disturbed during the work or as part of the property managers' request.
Contractor/Service Provider	The person/s or entity undertaking the work must have a "Permit to Work" or similar authorisation issued before commencing to ensure risks are managed appropriately. If in doubt, contact the asbestos consultant for advice. See Appx F
Contractor/Service Provider	Work will be carried out by appropriately qualified personnel according to Regulations and proper safety precautions taken to prevent the spread of asbestos in the workplace.
Contractor/Service Provider	At the completion of work a representative of the person/s undertaking the work will sign off to indicate that no asbestos was disturbed or if any asbestos was removed then a clearance certificate by an independent party is issued. This will then be forwarded to the Property / Site Manager.
Property Manager	Details of asbestos work are to be recorded in the Management Plan.

		Copies of Air Testing / Clearance Certificates and Certificates of Reoccupation should be included. If all asbestos has been removed, then the site can be “closed off” with no further action required. If asbestos remains the re-inspection date is to be scheduled
	Property Manager	Advise the Property / Site manager of status.

3.5 Before You start work

When arriving on site to carry out your work, you should ensure you have been briefed by the Property / Site Manager and have information about the following questions:

- Is a Permit to Work or written authorisation required or in place?
- What condition is the asbestos in (e.g. is it stable?) and will I be affected or likely to impact the asbestos through my work?
- Who can I contact if I have any further questions about the asbestos in this site?
- Does the scope of the asbestos register include my area of work? If not further investigation may be necessary.
- If I identify any suspect asbestos materials that was not otherwise identified in the Asbestos Management Plan, what should I do? Stop work and inform the Property / Site Manager, as further investigations may be required.

Many of the answers will feature in this document; however, should you still have questions regarding interpretation of the information contained in your report, you should raise your concerns with the Property / Site Manager or your supervisor prior to conducting the works.

3.6 Accidents, Incidents, and Emergencies

If you suspect asbestos has been or may be disturbed, you must undertake the following steps immediately:

- Stop the work which led to the asbestos being disturbed.
- Withdraw all persons from the relevant area, but without causing undue alarm.
- Deny further access to the area and ensure all doors or vents are closed.
- Notify the following persons, as appropriate, by the quickest practicable means (e.g. mobile telephone).
- The Site / Property Manager (see appendices for key contact details)
- The Site / Property Manager will take appropriate steps to prevent or minimise further exposure.

- All asbestos incidents should be reported into the hospital health and safety management system, as per normal incident reporting procedures.

If asbestos has been disturbed, the Client's Site / Property Manager in conjunction with contractor management, will advise on the further actions that may need to be undertaken, and what information needs to be recorded.

Any person who believes that they may have been exposed to asbestos should inform the Site / Property Manager immediately. The Site / Property Manager, in consultation with the Site Manager, must determine the events surrounding the exposure, keeping adequate records of the information collated. Appropriate support will be provided to the individual by the Client or Contractor Management.

If it is confirmed that a Client employee has potentially been exposed to asbestos, the WorkSafe New Zealand Asbestos Exposure Record Form must be completed by the Site / Property Manager. The information collated should be added to the person's personnel file using the Asbestos Exposure Record Form and WorkSafe advised. The Asbestos Consultant should be notified to assess whether any significant exposure is likely to have occurred.

If a contractor has been exposed, the contractor's company representative must complete and supply the Client with the Asbestos Exposure Record Form.

3.7 Information for Emergency Services


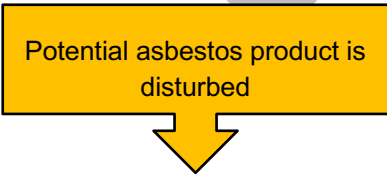
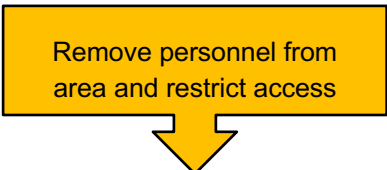
Information regarding asbestos must be made available to the emergency services in the event of an emergency in order to reduce the risks to the health and safety of emergency workers.

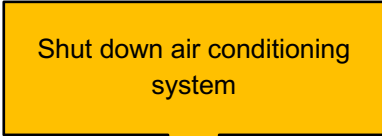
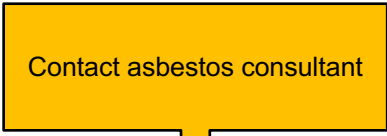
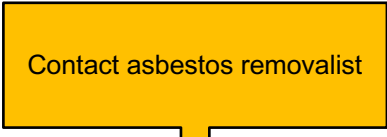

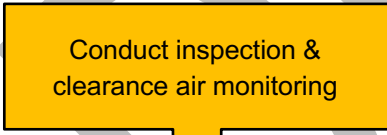
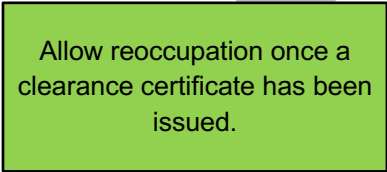
These documents will be located with the site H&S Manual on or near reception.

If further detailed asbestos information is required by the emergency services:

- Consult the Building Asbestos Register (see the appendix A).
- Contact the Property / Site Manager responsible for this site (see contact details on appendix C).

3.8 Emergency Procedures

What	Who	Notes
 <p>Worker to Advise Property or Site Manager</p>	Workers discover Suspect ACM	If a worker discovers any suspect, disturbed/damaged ACM, they will need to notify the Client Property Manager / Site Manager, details listed in the appendices
 <p>Potential asbestos product is disturbed</p>	Property Manager / Site Manager	Remove personnel from areas considered to be at risk in relation to asbestos exposure. Review this AMP and Register.
 <p>Remove personnel from area and restrict access</p>	Property Manager / Site Manager	Access to the area should be controlled and sign posted to prevent unauthorised person entering the disturbance area.

What	Who	Notes
		Inform appropriate personnel
 <p>Shut down air conditioning system</p>	Property Manager / Site Manager	The air handling system should be shut-off and/or temporarily modified to prevent the distribution of fibres from the area to other areas in the building (if relevant)
 <p>Contact asbestos consultant</p>	Property Manager & Asbestos Consultant	Contact Asbestos Consultants 0800 034 244 / www.aecnz.co.nz to confirm the presence and status of ACM and to advise on appropriate control strategies. Background asbestos air monitoring to be undertaken during investigation.
 <p>Contact asbestos removalist</p>	Property Manager & Asbestos Consultant	Following advice from the Asbestos Consultant, (if required) engage a Certified Asbestos Removal Contractor to undertake asbestos clean-up works Removal works must adhere to the following legislation: <i>Health and Safety at Work Act 2015</i> <i>Health and Safety in Work (Asbestos) Regulations 2016</i>
 <p>Conduct air monitoring</p>		
 <p>Conduct inspection & clearance air monitoring</p>	Asbestos Consultant	Asbestos fibre air monitoring may be required outside the area of asbestos contamination whilst clean up works are being conducted to monitor airborne asbestos fibre concentrations (where applicable)
 <p>Allow reoccupation once a clearance certificate has been issued.</p>	Asbestos Consultant & Property / Site Manager	After Clean up works have been completed, asbestos fibre air monitoring (where applicable) shall be conducted in the affected area to ensure that asbestos fibre levels are <0.01 fibres/ml. Only when decontamination has occurred and a clearance certificate has been issued, shall personnel be allowed to reoccupy the affected area.

4 Methodology

Asbestos material surveys are undertaken considering a risk management approach, in accordance with industry practice, Government Legislation, Codes of Practice and Guidelines. The survey was conducted in a manner that conforms to industry standards.

A risk assessment was conducted based on a number of factors associated with asbestos materials identified during the survey and prioritised through Risk and Action Classifications.

The assessment involved a desktop review and an onsite investigation for the presence of Asbestos Containing Materials (ACM). Information collected from the client included the site plans, no previous asbestos survey report was available. Based on the available data, the status of the site at the time of the survey and where items were identified visually and / or analytical characterisation (where required) was performed and reported in the Asbestos Survey Report and the Register (refer Appendix A).

Competent persons performed sample collection in a non-destructive and non-invasive manner. Presumptions, based on knowledge and experience, that inaccessible areas contain asbestos materials may also be made and stated within the register.

Samples collected are representative of the material sampled, individually identified, transported, analysed and reported in accordance with relevant Statutory Regulations, Codes of Practice and Industry standards. Laboratories undertaking analysis are appropriately IANZ certified for the analysis conducted.

On-site investigations are restricted to areas that are reasonably accessible during the survey, with respect to the following:

- Without contravention of relevant statutory requirements or codes of practice;
- Without placing the surveyor at undue risk;
- Without dismantlement or damage to installed fixtures and fittings, plant, electrical equipment, machinery; and
- Without dismantlement, demolition or permanent damage to finishes and structure.

No assessment can be regarded as absolute. Future demolition or refurbishment of structures may reveal materials concealed during the assessment, which were not accessible at the time of the Survey.

The register is made up of relevant information gathered on site plus AEC assessment of risk and assignment of action ratings. Reference to photographs, where available, is made in the register along with sample identification and analysis results, where applicable. Sample analysis results from previous assessments may also be utilised and referenced in this register.

4.1 Asbestos Management Survey

Asbestos management surveys are intended to locate all asbestos in readily accessible areas of the building (or the relevant part), as far as reasonably practicable. It is a non-intrusive survey which may not penetrate all parts of the building structure.

AEC surveyors take samples at any situations known, or suspected, to contain Asbestos. Where the analysis determines that No Asbestos is Detected (NAD) the samples are listed in the report to provide information for future assessments.

Representative sampling is defined as one like sample per consistent material type, situation or item. In these instances, only one test sample may be collected for analytical confirmation and the results expressed as consistent and typical of the site, unless other evidence exists to suggest otherwise.

4.2 Refurbishment & Demolition Survey

Refurbishment and demolition surveys are intended to locate all the asbestos in the building (or the relevant part), as far as reasonably practicable. It is a disruptive and fully intrusive survey which may need to penetrate all parts of the building structure. Aggressive inspection techniques may be needed to lift carpets and tiles, break through walls, ceilings, cladding and partitions, and open up floors if the buildings are unoccupied or allowance is made to make good these areas.

Where ACM or suspected ACM are identified it should be noted that no further intrusion can be made into these areas without additional controls being in place, often this may require assistance from a licensed asbestos removalist. Alternative areas not able to be accessed may be presumed to contain ACM.

AEC surveyors take samples at any situations known, or suspected, to contain Asbestos. Where the analysis determines that No Asbestos is Detected (NAD) the samples are listed in the report to provide information for future assessments. Representative sampling is defined as one like sample per consistent material type, situation or item. In these instances, only one test sample will be collected for analytical confirmation and the results expressed as consistent and typical of the site, unless other evidence exists to suggest otherwise.

4.3 Asbestos Fibre Identification

Samples taken from suspected asbestos containing materials are representative of the material sampled, individually identified, transported, analysed and reported in accordance with the Asbestos Management Guidelines, relevant Statutory Regulations and Asbestos Environmental Consultants Limited Standard Operating Procedures. Laboratories undertaking analysis are appropriately IANZ certified for the analysis conducted.

The presence of asbestos in a bulk sample is determined by Polarised Light Microscopy (PLM) with dispersion staining techniques.

Although rare due to the very low concentration of asbestos fibres and the non-homogenous matrix of vinyl floor tiles, false negative results may be obtained. Therefore, the accuracy of all results cannot be guaranteed.

Notably, with some asbestos containing bulk material it can be very difficult, or impossible to detect the presence of asbestos using the polarised light microscopy analytical method, even after ashing or disintegration of samples. This is due to the low grade or small length or diameter of asbestos fibres present in the material, or attributed to the fact that, very fine fibres have been distributed individually throughout the materials.

The analysis of many asbestos products used as a component of insulation materials, may be compromised in instances where the material has been heat affected, as heat may alter the morphology of the fibrous material.

4.4 Areas Outside of this Scope of Work

While the asbestos management survey has attempted to locate installed asbestos building materials within the site, it should be noted that the survey was a visual inspection with a limited sampling program conducted. Representative samples of some suspect asbestos materials were collected for analysis. Other suspect asbestos materials of similar appearance are assumed to have a similar content.

Not all suspected asbestos materials may be sampled. Only those materials that were physically accessible and could be located and identified. Therefore, it is possible that asbestos materials, which may be concealed within inaccessible areas / voids, may not have been located during the survey. Such inaccessible areas typically fall into a number of categories;

- Locations behind locked doors or as internal cores to fire doors;
- Inset ceilings, wall, roof and floor cavities;
- Those areas accessible only by dismantling equipment or performing minor localised demolition works;
- Service shafts, ducts etc., concealed within the building structure;
- Energised services, gas, electrical, pressurised vessel, piping / ducting systems and chemical lines;
- Voids or internal areas of machinery, plant, equipment, HVAC ducts, fixed carpets/flooring, etc.;
- Totally inaccessible areas such as voids and cavities created and intimately concealed within the building structure. Voids that could only be accessible during major demolition works;
- Height restricted areas, live piping flanges and systems;
- Areas deemed unsafe or hazardous at the time of the survey.

In addition to areas that were not accessible, the possible presence of asbestos materials may not have been assessed because it was not considered practicable as:

- It would require unnecessary dismantling of equipment;
- It was considered disruptive to the normal operations of the building;
- It may have caused unnecessary damage to equipment, furnishings or surfaces;
- The asbestos material was not considered to represent a significant exposure risk;
- The time taken to determine the presence of the asbestos building material was considered prohibitive.

Only non-destructive sampling techniques were employed. Consequently, even with substantial demolition of the building, it is not possible to guarantee that every source of asbestos material has been detected. During the course of normal site works care should be exercised when entering any previously inaccessible areas or areas mentioned above and it is imperative that work cease pending further sampling if materials suspected of containing asbestos or unknown materials are encountered.

Therefore, during any refurbishment or demolition works, further investigations and assessment may be required. Should any suspect material be observed in previously inaccessible areas or areas not fully inspected previously, i.e. fixed carpeted floors, wall voids, undercroft, or roof voids as examples then further investigations may be required prior to works commencing.

This report is not intended to be used for the purposes of tendering, programming of works, refurbishment works or demolition works unless used in conjunction with a specification detailing the extent of the works. To ensure its contextual integrity, the report must be read in its entirety and should not be copied, distributed or referred to in part only.

5 Limitations

This report and the associated services performed by AEC are in accordance with the scope of services set out in the contract between AEC and the Client. The scope of services was defined by the requests of the Client, by the time and budgetary constraints imposed by the Client, and by the availability of access to the site.

AEC derived the data in this report primarily from visual inspections and sampling, examination of available records, interviews with individuals with information about the site, and if requested, limited sample collection and analysis made on the dates indicated. In preparing this report, AEC has relied upon, and presumed accurate, certain information provided by government authorities, the Client and others identified herein. The report has been prepared on the basis that while AEC believes all the information in it is deemed reliable and accurate at the time of preparing the report, it does not warrant its accuracy or completeness and to the full extent allowed by law excludes liability in contract, tort or otherwise, for any loss or damage sustained by the Client arising from or in connection with the supply or use of the whole or any part of the information in the report through any cause whatsoever.

Limitations also apply to analytical methods used in the identification of substances (or parameters). These limitations may be due to non-homogenous material being sampled (i.e. the sample to be analysed may not be representative), low concentrations, the presence of 'masking' agents and the restrictions of the approved analytical technique. As such, non-statistically significant sampling results can only be interpreted as 'indicative' and not used for quantitative assessments.

The data, findings, observations, conclusions and recommendations in the report are based solely upon the state of the site at the time of the investigation. The passage of time, manifestation of latent conditions or impacts of future events (e.g. changes in legislation, scientific knowledge, land uses, etc.) may render the report inaccurate. In those circumstances, AEC shall not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on, the contents of the report.

This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the provisions of the agreement between AEC and the Client. AEC accepts no liability or responsibility whatsoever and expressly disclaims any responsibility for or in respect of any use of or reliance upon this report by any third party or parties.

It is the responsibility of the Client to accept if the Client so chooses any recommendations contained within and implement them in an appropriate, suitable and timely manner.

The Client must not rely on an inspection or report as indicating that a site is "asbestos free". All that the report can be relied upon to show is that no asbestos was found (or that only such asbestos was found as was reported to be found) in the course of the inspection. The findings of the report must be considered together with the specific scope, methodology and limitations of the type of inspection and analysis undertaken.

6 Recommendations

Any PCBU's undertaking work activities at the site must be provided with a copy of the asbestos survey report to ensure, with regard asbestos, their activities are adequately risk assessed and appropriate controls are in place for mitigating any potential disturbance, spread of, or exposure to ACM.

The recommendations, conclusions or stability of asbestos materials contained in this report shall not abrogate a person of their responsibility to work in accordance with Statutory Requirements, Codes of Practice, Guidelines, Material Safety Data Sheets, Work Instructions or reasonable work practices.

6.1 Identified Asbestos Containing Materials

A variety of ACM have been identified on the site, these include both friable and non-friable (bonded) ACM. Of most concern are the friable products such pipe insulation, paper linings, low density board panels, residue and debris amongst others. Some areas at the hospital have A1 and A2 action ratings, these require access controls implementing and remedial actions undertaken. Should staff be required to access or work in these areas then a further assessment of risk to identify appropriate risk control mechanism will be required.

AEC can assist in developing interim access control procedures, and detailed scope of works documents to mitigate the risk of unsuccessful remedial works, such as has occurred in the tunnels.

Each building or area in the scope of works has its own individually risk assessed register, with a suggested action rating. The action rating provides guidance on the most appropriate risk reduction strategy for that particular item, this is based on the surveyors limited knowledge of the area and with no insight as to any future works or occupant activity of the area. It is recommended the client review these action ratings to confirm their suitability.

If any significant refurbishment or maintenance activities are to be undertaken that may disturb previously inaccessible areas or areas that could conceal other building products, then this survey must be upgraded to a Refurbishment / Demolition Survey. The Refurbishment / Demolition survey can be specific to the locations where work is to be conducted.

6.2 Reinspection Period

Due to the high-risk nature of a number of items identified at the hospital, it is recommended that at least a minimum annual reinspection program is introduced. Where high risk materials or materials more susceptible to disturbance are present airborne fibre monitoring may also be conducted at this time.

Should any removal, remedial work or control measures be put in place to minimise the ACM risk, then a reinspection of the ACM in question to monitor its status and confirm the controls are effective should be conducted. Airborne fibre monitoring may also be conducted to support the reinspection findings and confirm the control measures remain effective.

6.3 Removal of Asbestos Containing Materials

In New Zealand, WorkSafe licence appropriately qualified and competent asbestos removalists. Under the current Health & Safety at Work (Asbestos) Regulations a Class A or B licenced removalist can undertake the removal of non-friable (Bonded) ACM greater than 10 square metres. Only a Class A removalist can remove any friable ACM.

It is known that when asbestos removal work or work conducted in the vicinity of ACM is not undertaken in a planned, coordinated and controlled manner that this can result in damaged or disturbed ACM and can cause the spread of contamination, such as has occurred in the tunnels. When asbestos fibres are released due to poor work practices these have the potential to spread throughout other areas of the workplace increasing the scope of the decontamination works and the risk of exposure to occupants.

A PCBU undertaking asbestos removal must prepare an asbestos removal control plan (ARCP). The ARCP must detail the methodology to be used to remediate the identified asbestos situations safely. WorkSafe are required to be notified for most asbestos removal works 5 days prior to these commencing. The asbestos removal contractor can advise on these specific requirements.

6.4 Clearance Inspections

Where asbestos removal is the preferred control option, and to ensure that the asbestos material has been completely removed to the required standard, a clearance inspection must be undertaken by, for Class A work, a licensed asbestos assessor, for Class B works a competent person. Air monitoring and swab sampling may also be undertaken as part of the clearance inspection process.

WorkSafe state on their website for Non-Friable (Bonded) asbestos removals:

“When removing asbestos without using enclosures, the clearance inspection should involve a visual inspection conducted by a competent person.

This person may require air monitoring, surface swabs or tape sampling before issuing a clearance certificate.”

Although it is not a legislative requirement for airborne fibre monitoring to be part of a clearance inspection following the removal of non-friable ACM, it is however good practice, and should be considered for risk assurance purposes.

An appropriately accredited IANZ laboratory must undertake analysis of any air monitoring samples.

6.5 Asbestos Management Plan

If ACM is identified or presumed at a workplace the PCBU with management or control of the workplace must ensure that a written plan (an asbestos management plan) for the workplace is prepared, such as this report.

An asbestos management plan must include information about:

- ACM identified or presumed at the workplace
- The decisions, and reasons for the decisions, about how the asbestos risks are managed
- Procedures for recording details of incidents or emergencies involving asbestos
- Information about the workers carrying out asbestos work, including information and training, roles and responsibilities and any health monitoring processes

A PCBU with management or control of a workplace must ensure that a copy of the asbestos management plan for the workplace is readily accessible to

- A worker who has carried out, carries out, or intends to carry out work at the workplace
- A representative of a worker referred to in paragraph

- A PCBU who has carried out, carries out, or intends to carry out work at the workplace
- A PCBU who has required, requires, or intends to require work to be carried out at the workplace

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7 Glossary

Appendix A contains the register of asbestos materials identified or suspected during the site survey, including the sample reference which correlates directly to the IANZ laboratory report. The laboratory report contains the results of the samples analysed. The Site Plan contains the sample locations, again all correlated through the sample reference.

The register is in tabular form and flows from left to right starting with the material location and description, sample and photo references, leading to an assessment of risk and recommended action rating for remedial works.

Recommended actions are a guide only. The client should decide the most appropriate controls based on such factors as risk, detailed knowledge of workplaces and procedures, plans for upgrade or refurbishment and legislative requirements, etc.

Please refer to the following sections in conjunction with the register.

Section 3	How to Use this Management Plan	Guidance for Workers, Contractors, Staff and Asbestos Responsible Persons
Section 4	Methodology	Contains important information regarding the survey and report methods
Section 5	Limitations	Limitations regarding scope and methodology
Section 6	Recommendations	Contains information and recommendations applicable to asbestos materials and their management
Section 8	Risk Assessment	Explanation of the Risk Algorithms and Action Ratings Guidance and Recommendations applied
Appendix A	Building Asbestos Material Surveys	Buildings surveys containing the register, photographs and site plans for all asbestos and suspect asbestos materials sampled or identified during the survey
Appendix B	Staff Information	Some general information for staff regarding asbestos risk
Appendix C	Key Contacts	Key contacts for the management of asbestos in the Client's workplace

Asbestos Environmental Consultants can assist with risk management of all hazardous material situations from identification to management and eventual removal.

8 Risk Assessment & Decision Making

The material risk assessment and recommended actions can be used by the client as a guide to inform them as a risk based approach for decisions regarding ongoing controls and management options. The risk assessment and recommended actions can be used as an effective guide to decision making; however, it is worth noting that future plans or changes at the site may affect the risk assessments.

Future reinspections of asbestos materials can be based on the risk profile, as a guide low risk products require reinspection less often than high risk products. A reasonable timeframe for low risk products could range from 12-24 months depending on the likelihood for deterioration and disturbance, an ACM with an increased risk could result in a shortened or reduced timeframe for reinspection of the material.

Due to the high risk nature of a number of items identified at the hospital it is recommended that at least a minimum annual reinspection program is introduced. Where high risk products are identified additional controls and monitoring such as periodic air monitoring or isolation in the short term and / or elimination of the risk in the longer term should also be considered.

8.1 Risk Algorithms

Asbestos Fibre Type

Variable	Score	Example of score variables
Asbestos Fibre Type	0	No asbestos
	1	Chrysotile
	2	Amphibole asbestos (excluding Crocidolite)
	3	Crocidolite

Surface Treatment

Variable	Score	Example of score variables
Surface Treatment	0	Composite materials, vinyl floor tiles, reinforced plastics, mastics & resins
	1	Enclosed laggings, sprays, low density board with exposed face sealed and cement sheets
	2	Unsealed low density board or encapsulated lagging/spray or cement debris
	3	Unsealed thermal insulation, lagging/spray

Product Type

Variable	Score	Example of score variables
Product Type	0	No asbestos detected
	1	Composite materials, vinyl floor tiles, reinforced plastics, mastics & resins, cement products, semi ridged paints / decorative finishes
	2	Low density board, millboard, asbestos textiles, gaskets, ropes, woven textiles, paper and felts
	3	Thermal insulation, lagging, sprayed asbestos, asbestos mattresses and packing, loose asbestos

Condition

Variable	Score	Example of score variables
Condition	0	No visible damage
	1	Few scratches / marks broken edges etc.
	2	Significant breakage / many areas of damage revealing loose asbestos fibres
	3	High damage / visible debris

Likelihood of Disturbance

Variable	Score	Example of score variables
Likelihood of Disturbance	0	Usually inaccessible or unlikely to be disturbed
	1	Occasionally likely to be disturbed
	2	Easily disturbed
	3	Routinely disturbed

Total risk assessment score = Sum 1+2+3+4+5

Should no asbestos be detected then the Register will indicate a material risk of 0.

Risk Score

Variable	Score	Example of score variables
Risk Score	2 - 4	Very Low Risk
	5 - 6	Low Risk
	7 - 9	Medium Risk
	10 - 15	High Risk

8.2 Action Rating Recommendations

A1	Action 1	Restrict Access, Clearly Indicate, Manage and Remove Under Fully Controlled Conditions
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Friable or poorly bonded to substrate, located in accessible areas • Severely damaged/water damaged, or unstable • Further damage or deterioration likely • Friable asbestos material located in air conditioning ducting • Asbestos debris in reasonably accessible areas
A2	Action 2	Restrict Access, Clearly Indicate, Manage and Remove Utilising Appropriate Control Measures
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Requires removal due to legislative requirements • Damaged material (including debris) • In a reasonably accessible area • Possibility of disturbance through contact • Stored asbestos material in reasonably accessible areas

A3	Action 3	Program for Planned Removal, Clearly Indicate, Manage & Re-inspect Periodically
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Further disturbance or damage unlikely other than during maintenance or service • Readily visible for further assessment • Asbestos debris in rarely accessed areas • Possibility of deterioration caused by weathering • Poorly bonded to substrate with bonding un-achievable • Disturbance due to demolition or refurbishment
A4	Action 4	Enclose, Encapsulate or Seal, Clearly Indicate, Manage & Re-inspect Periodically
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Damaged material in reasonably accessible area • Bonded asbestos products located in accessible areas • Friable material or poorly bonded to substrate with bonding achievable • Possibility of fibre release through non-aggressive disturbance or contact • Possibility of deterioration caused by weathering and bonding possible
A5	Action 5	Clearly Indicate, Manage & Re-inspect Periodically
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Firmly bonded to substrate and readily visible for inspection • Inaccessible and / or fully contained • Stable and damage unlikely
A6	Action 6	No Further Action Required at this Stage
		<p>As a guide, the material conforms to one, or more, of the following:</p> <ul style="list-style-type: none"> • Laboratory testing indicated No Asbestos Detected (NAD)

9 Bibliography

Health & Safety at Work Act 2015

Health & Safety at Work (Asbestos) Regulations 2016

HSG 264 *The Asbestos Survey Guide*

WorkSafe NZ – *ACoP for the Management and Removal of Asbestos*, Nov 2016

AS2601 *The Demolition of Structures*

National Occupational Health and Safety Commission (NOHSC), *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition, 3003 - 2005*

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LEGISLATIVE REQUIREMENTS — ASBESTOS

This document has been produced for information only and is under regular review due to frequent changes in legislation and guidance. It contains information relating to the column headings only and not, for instance, in relation to asbestos removal. It is the duty of Officers, PCBU's and controllers of premises etc. to ensure they are familiar with the latest applicable legislation and guidance.

Primary Asbestos Legislation	Asbestos Survey Requirements	Asbestos Resurvey Requirements	Reporting Requirements	Labelling/Signage Requirements	Other Requirements
Health & Safety at Work Act 2015 (HSWA) Health & Safety at Work (Asbestos) Regulations 2016 (Asbestos Regs)	Asbestos Regs Management Surveys Regulations 10, 11 & 12 Demolition and Refurbishment Surveys Regulations 20, 21 & 22	Asbestos Regs Regulation 13 Duty to Prepare an Asbestos Management Plan The Asbestos Management Plan & risk assessment to assist client in determining when re-inspections are required Asbestos Management Plan to be reviewed at least every 5 years	At the completion of the survey, the surveyor should produce an asbestos survey report. This report should include: <ul style="list-style-type: none"> • An executive summary • The scope of work • General site and survey information • Survey results (including plans, photographs, test results and material assessment results) • Conclusions and actions 	Asbestos Regs Regulation 12 Presence and Location of ACM to be clearly indicated	Asbestos Regs Regulation 13 Duty to Prepare an Asbestos Management Plan Regulations 41 & 42 Clearance inspection and certification following asbestos removals

Appendix A
Building Asbestos Material Surveys

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ASBESTOS MANAGEMENT SURVEY

Site: 7 Queen Street, Kensington
Prepared for: South Canterbury District Health Board
Project Ref: C-00630 (P1213-001)
Date of survey: 11 - 12 December 2018



7 Queen Street, Kensington

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor G107 Office (008)	Vinyl Products - Vinyl floor covering - white, below carpet tiles	A16789	0	-	-	-	-	0	-	A6	Presume to be present under carpeted areas throughout the building
Ground Floor G121 Store (021)	Vinyl Products - Vinyl floor covering - Grey	A16790	0	-	-	-	-	0	-	A6	
Ground Floor G122 WC (022)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G122 WC (023)	Cement Product - Plastic coated cement sheet panels to rear wall	A16791	0	-	-	-	-	0	-	A6	
Ground Floor G204 Kitchen (029)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G206 Staff Room - Kitchenette (031)	Vinyl Products - Vinyl floor covering - Turquoise	A16792	0	-	-	-	-	0	-	A6	
Ground Floor G210 Store (036)	Vinyl Products - Vinyl floor covering - Grey	A16793	0	-	-	-	-	0	-	A6	
Ground Floor G215 Dining Kitchen (043)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G240 Toilet (054)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G241 Sluice (055)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G243 Bedroom (056)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G242 Ensuite (057)	Vinyl Products - Vinyl floor covering - Grey	A16036	0	-	-	-	-	0	-	A6	
Ground Floor G242 Ensuite (058)	Vinyl Products - Vinyl Wall covering - Grey	A16037	0	-	-	-	-	0	-	A6	
Ground Floor G244 Bedroom (060)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	

7 Queen Street, Kensington

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor G245 Ensuite (061)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G250 Seclusion Lounge (062)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G247 Seclusion Bedroom (063)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G246 Ensuite (063)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G249 Ensuite (064)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G243 Seclusion Bedroom (065)	Vinyl Products - Vinyl floor covering - Grey	Reference A16036	0	-	-	-	-	0	-	A6	
Ground Floor G245 Ensuite (066)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G244 Bedroom (066)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G250 Seclusion Lounge (068)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G247 Seclusion Bedroom (069)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G246 Ensuite (070)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G249 Ensuite (071)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G243 Seclusion Bedroom (072)	Vinyl Products - Vinyl wall covering - Grey	Reference A16037	0	-	-	-	-	0	-	A6	
Ground Floor G202 Activity (075)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G254 Corridor (076)	Vinyl Products - Vinyl door covering - Grey	Reference A16038	0	-	-	-	-	0	-	A6	

7 Queen Street, Kensington

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor G221 Corridor (078)	Vinyl Products - Vinyl door covering - Grey	A16038	0	-	-	-	-	0	-	A6	
Ground Floor G135 (080)	Vinyl Products - Vinyl door covering - Grey	Reference A16038	0	-	-	-	-	0	-	A6	
Ground Floor G134 (081)	Vinyl Products - Vinyl door covering - Grey	Reference A16038	0	-	-	-	-	0	-	A6	
Ground Floor G136 Female Toilets (084)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G139 Cleaner (085)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G138 Male Toilets (086)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G102 Public Toilets (089)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G224 Shower (090)	Cement Product - Tile effect plastic coated cement sheet shower surround	A16039	0	-	-	-	-	0	-	A6	
Ground Floor G101 Public Toilets (091)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G244A Shower (092)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G224A Shower (094)	Cement Product - Tile effect plastic coated cement sheet shower surround	Reference A16039	0	-	-	-	-	0	-	A6	
Ground Floor G227 Shower (095)	Cement Product - Tile effect plastic coated cement sheet shower surround	Reference A16039	0	-	-	-	-	0	-	A6	
Ground Floor G227B Shower (096)	Cement Product - Tile effect plastic coated cement sheet shower surround	Reference A16039	0	-	-	-	-	0	-	A6	
Ground Floor G245 Linen (097)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	

7 Queen Street, Kensington

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor G227B Shower (098)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G228 Toilet (099)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G230 Stores (100)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G231 Toilet (101)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G232 Laundry (102)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G229 Bath (103)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G227 Shower (104)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G226 Drug (105)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Ground Floor G224 Shower (106)	Vinyl Products - Vinyl floor covering - Grey	Reference A16790	0	-	-	-	-	0	-	A6	
Basement Throughout sublevel (107)	Bituminous Product - Bitumastic membrane to timber stud work	A16040	0	-	-	-	-	0	-	A6	
Basement Northern perimeter wall (108)	Cement Product - Infill panels to external wall	A16041	0	-	-	-	-	0	-	A6	Full extent of application is unknown as perimeter walls could not be accessed internally
Basement Northern perimeter wall (109)	Cement Product - Debris associated with Infill panels to external wall	Reference A16041	0	-	-	-	-	0	-	A6	Presume to be present to ground surface throughout the Sublevel
Basement Central passage, South side pipe run, 5m east of access stairs (109)	Insulation - Residues to pipework	A16042	0	-	-	-	-	0	-	A6	
Basement Throughout sublevel (110)	Bituminous Product - Debris associated with Bitumastic membrane to timber stud work	Reference A16040	0	-	-	-	-	0	-	A6	

7 Queen Street, Kensington

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External G131 Porch (112)	Cement Product - Porch Ceiling	A16043	0	-	-	-	-	0	-	A6	
External G221 Porch (113)	Cement Product - Porch Ceiling	Reference A16043	0	-	-	-	-	0	-	A6	
External G118 Porch (115)	Cement Product - Porch Ceiling	Reference A16043	0	-	-	-	-	0	-	A6	
External Perimeter of pitched roof excluding gable ends (116)	Cement Product - Eaves	A16044	0	-	-	-	-	0	-	A6	
External Perimeter Walls below windows (117)	Decorative Finishes - Textured render to infill panels	A16045	0	-	-	-	-	0	-	A6	
External Perimeter Walls below windows (118)	Cement Product - Cement panels below Textured render to infill panels	A16046	0	-	-	-	-	0	-	A6	
External West main entrance (119)	Cement Product - Canopy Ceiling	A16047	0	-	-	-	-	0	-	A6	Includes thin eaves lining to perimeter
External Central main entrance to ward (120)	Cement Product - Canopy Ceiling	Reference A16047	0	-	-	-	-	0	-	A6	Includes thin eaves lining to perimeter
Ground Floor G278 Plantroom (121)	Gaskets (compressed) - Gasket to pipework	A16048	1	0	2	0	0	3	NQ	A5	Gaskets may exist concealed throughout plant, pipes and equipment

No Access Areas

- 7 Queen Street, Kensington, No intrusive / destructive inspection techniques used (125)
- 7 Queen Street, Kensington, Ground Floor Store Roof Void (093)
- 7 Queen Street, Kensington, Ground Floor G277 HV room (122)
- 7 Queen Street, Kensington, Ground Floor Sprinkler valve room (123)
- 7 Queen Street, Kensington, Basement Areas below rooms to rear of timber stud work (124)

Photographs

7 Queen Street, Kensington
Ground Floor G107 Office (008)

Vinyl floor covering - white,
below carpet tiles - Vinyl
Products

Sample No. A16789

No Asbestos Detected

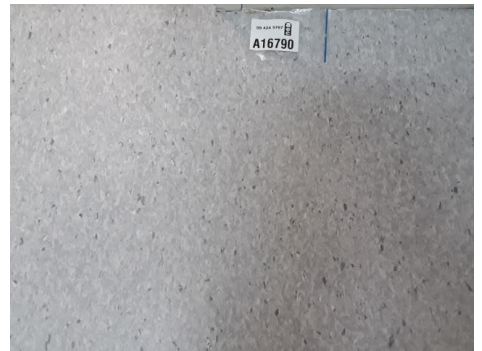


7 Queen Street, Kensington
Ground Floor G121 Store (021)

Vinyl floor covering - Grey -
Vinyl Products

Sample No. A16790

No Asbestos Detected



7 Queen Street, Kensington
Ground Floor G122 WC (023)

Plastic coated cement sheet
panels to rear wall - Cement
Product

Sample No. A16791

No Asbestos Detected



7 Queen Street, Kensington

Ground Floor G206 Staff Room -
Kitchenette (031)

Vinyl floor covering - Turquoise -
Vinyl Products

Sample No. A16792

No Asbestos Detected



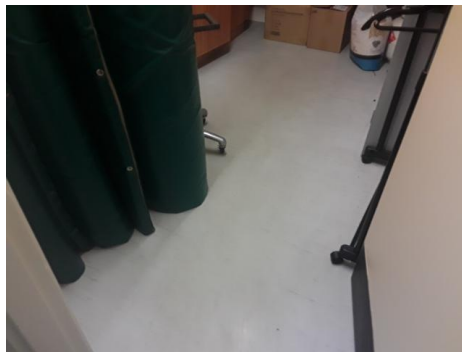
7 Queen Street, Kensington

Ground Floor G210 Store (036)

Vinyl floor covering - Grey -
Vinyl Products

Sample No. A16793

No Asbestos Detected



7 Queen Street, Kensington

Ground Floor G242 Ensuite
(057)

Vinyl floor covering - Grey -
Vinyl Products

Sample No. A16036

No Asbestos Detected



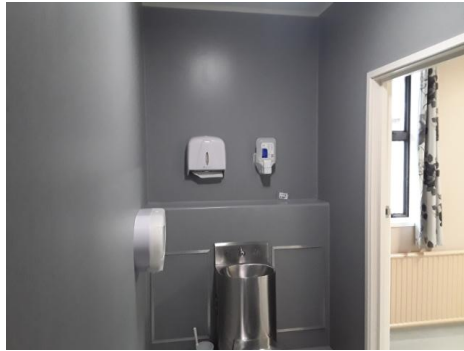
7 Queen Street, Kensington

Ground Floor G242 Ensuite
(058)

Vinyl Wall covering - Grey -
Vinyl Products

Sample No. A16037

No Asbestos Detected



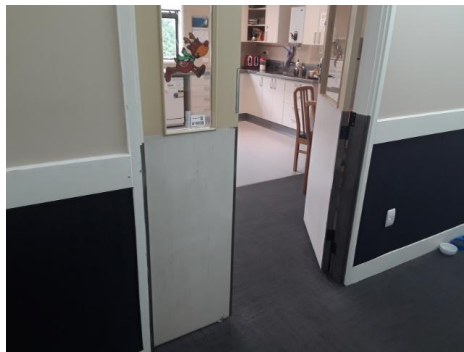
7 Queen Street, Kensington

Ground Floor G221 Corridor
(078)

Vinyl door covering - Grey -
Vinyl Products

Sample No. A16038

No Asbestos Detected



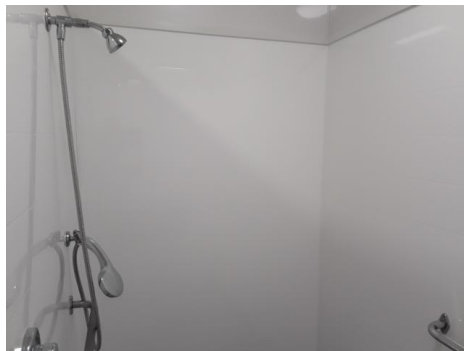
7 Queen Street, Kensington

Ground Floor G224 Shower
(090)

Tile effect plastic coated cement
sheet shower surround -
Cement Product

Sample No. A16039

No Asbestos Detected



7 Queen Street, Kensington

Basement Throughout sublevel
(107)

Bitumastic membrane to timber
stud work - Bituminous Product

Sample No. A16040

No Asbestos Detected



7 Queen Street, Kensington

Basement Northern perimeter
wall (108)

Infill panels to external wall -
Cement Product

Sample No. A16041

No Asbestos Detected



7 Queen Street, Kensington

Basement Central passage,
South side pipe run, 5m east of
access stairs (109)

Residues to pipework -
Insulation

Sample No. A16042

No Asbestos Detected



7 Queen Street, Kensington

External G131 Porch (112)

Porch Ceiling - Cement Product

Sample No. A16043

No Asbestos Detected



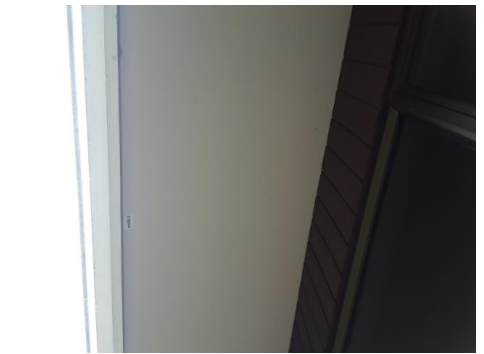
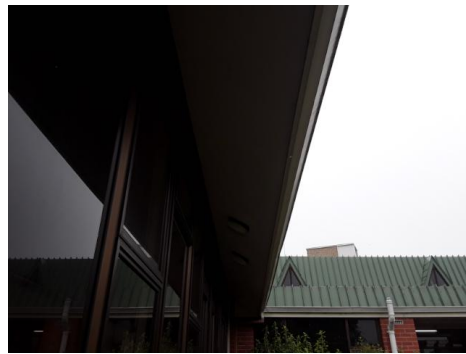
7 Queen Street, Kensington

External Perimeter of pitched roof excluding gable ends (116)

Eaves - Cement Product

Sample No. A16044

No Asbestos Detected



7 Queen Street, Kensington

External Perimeter Walls below windows (117)

Textured render to infill panels -
Decorative Finishes

Sample No. A16045

No Asbestos Detected



7 Queen Street, Kensington

External Perimeter Walls below windows (118)

Cement panels below Textured render to infill panels - Cement Product

Sample No. A16046

No Asbestos Detected



7 Queen Street, Kensington

External West main entrance (119)

Canopy Ceiling - Cement Product

Sample No. A16047

No Asbestos Detected



7 Queen Street, Kensington

Ground Floor G278 Plantroom (121)

Gasket to pipework - Gaskets (compressed)

Sample No. A16048

Chrysotile



Sample Location Site Plans

Analytical Reports

ASBESTOS MANAGEMENT SURVEY

Site: Boiler House, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00631 (P1213-002)
Date of survey: 14 November 2018 to 15 November 2018



Boiler House, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Level 4 Roof (001)	Decorative Finishes - Galbestos coating to metal wall / roof sheets	A16559	1	0	1	1	1	4	~900 m ²	A5	Present to all external metal sheet walls / roof
3rd Floor Adjacent to stairs (003)	Gaskets (compressed) - Gasket to pipework	A16560	1	1	2	0	0	4	NQ	A5	Presume present in similar application throughout the building
External Level 2 Roof (004)	Decorative Finishes - Textured coating to solid walls	A16561	0	-	-	-	-	0	-	A6	Same application to solid walls to exterior building
2nd Floor Stack platform below silos (005)	Gaskets (compressed) - Gasket to plant	A16562	1	1	2	0	0	4	NQ	A5	Presume present as similar application to plant throughout building
2nd Floor Stack platform below silos (006)	Gaskets (compressed) - Gasket to plant - Square	A16563	0	-	-	-	-	0	-	A6	Presume present as similar application to plant throughout building
2nd Floor Stack platform below silos (007)	Gaskets (compressed) - Gasket to plant - Square	A16564	1	1	2	0	0	4	NQ	A5	Presume present as similar application to plant throughout building
1st Floor Access Room (008)	Cement Product - Cement sheet North and West walls	A16565	0	-	-	-	-	0	-	A6	
1st Floor Access Room (009)	Gaskets (compressed) - Gasket to down pipe	A16566	1	0	2	0	0	3	NQ	A5	Presume present to the same application throughout the building
1st Floor Plant Room (010)	Gaskets (rope/woven) - Joining to boiler flue ductwork	A16567	1	1	2	2	1	7	NQ	A3	Presume to be present as the same application to all A.C. ductwork throughout building. Material was becoming loose where identified, plan for removal
1st Floor Locker Room (011)	Vinyl Products - Vinyl floor covering - Grey	A16568	0	-	-	-	-	0	-	A6	
1st Floor Shower / Toilet (012)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	
1st Floor Corridor (013)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	

Boiler House, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Stairs (014)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	
Ground Floor Incinerator Room (015)	Cement Product - Infill panel and boxing above roller door	A16569	0	-	-	-	-	0	-	A6	
1st Floor Boilermen Room (016)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	
1st Floor Boilermen Store (017)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	
Ground Floor Small boiler room, Southwest corner (018)	Gaskets (compressed) - Gasket to redundant pipework	A16570	1	1	2	3	2	9	NQ	A3	Plan for removal
Ground Floor Small boiler room, Southwest corner (019)	Gaskets (compressed) - Gasket to plant	Reference A16570	1	1	2	3	0	7	NQ	A5	Presume present to plant throughout room
Ground Floor Small boiler room, Northeast corner (020)	Gaskets (rope/woven) - Woven surround to pipe in pipe hanger bracket	A16571	1	1	2	2	1	7	NQ	A4	Paint encapsulation of edges is recommended. Presume to be in same material application throughout the building
Ground Floor Boiler room, Central South wall (021)	Gaskets (compressed) - Gaskets to redundant pipework	A16572	1	1	2	1	2	7	NQ	A3	Plan for removal
External Covered area adjacent to Roller door (024)	Gaskets (compressed) - Gasket debris to redundant pipe fittings	A16573	1	1	2	3	2	9	NQ	A3	Presume further debris to be present to pile of redundant fittings. Plan for removal
External Trench to front of roller door (025)	Bituminous Product - Bitumastic seal around trench cover slabs	A16574	0	-	-	-	-	0	-	A6	Extends along trench toward laundry building
External Access Room external wall (026)	Cement Product - Cement sheet North and West walls	A16575	2	1	1	0	1	5	~9 m ²	A5	
1st Floor Emergency Generator Room (028)	Cement Product - Cement sheet North and East walls	Reference A16565	0	-	-	-	-	0	-	A6	
1st Floor Cylinder storage room (029)	Vinyl Products - Vinyl floor covering - Grey	Reference A16568	0	-	-	-	-	0	-	A6	

Boiler House, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Boiler Room (031)	Gaskets (rope/woven) - Joining to boiler flue ductwork	Reference A16567	1	1	2	2	1	7	NQ	A3	Presume present to all joining to flue ductwork

No Access Areas

Boiler House, Timaru Hospital, No intrusive/ destructive inspection techniques used (032)

Boiler House, Timaru Hospital, Boiler house (022) - No access to high level ceilings, roof and high level external areas

Boiler House, Timaru Hospital, Boiler house (023) - No inspection within trenches and sub floor ducts covered in heavy plates / concrete slabs

Boiler House, Timaru Hospital, Basement Flooded Trench (030) - Area was accessed but only a limited visual inspection was performed into confined spaces

Boiler House, Timaru Hospital, External Base of chimney stack (027)

Photographs

Boiler House, Timaru Hospital

External Level 4 Roof (001)

Galbestos coating to metal wall sheets - Decorative Finishes

Sample No. A16559

Chrysotile



Boiler House, Timaru Hospital

3rd Floor Adjacent to stairs (003)

Gasket to pipework - Gaskets (compressed)

Sample No. A16560

Chrysotile



Boiler House, Timaru Hospital

External Level 2 Roof (004)

Textured coating to solid walls - Decorative Finishes

Sample No. A16561

No Asbestos Detected



Boiler House, Timaru Hospital

2nd Floor Stack platform below silos (005)

Gasket to plant - Gaskets (compressed)

Sample No. A16562

Chrysotile



Boiler House, Timaru Hospital

2nd Floor Stack platform below silos (006)

Gasket to plant - Square - Gaskets (compressed)

Sample No. A16563

No Asbestos Detected



Boiler House, Timaru Hospital

2nd Floor Stack platform below silos (007)

Gasket to plant - Square - Gaskets (compressed)

Sample No. A16564

Chrysotile



Boiler House, Timaru Hospital

1st Floor Access Room (008)

Cement sheet North and West walls - Cement Product

Sample No. A16565

No Asbestos Detected



Boiler House, Timaru Hospital

1st Floor Access Room (009)

Gasket to down pipe - Gaskets (compressed)

Sample No. A16566

Chrysotile



Boiler House, Timaru Hospital

1st Floor Plant Room (010)

Joining to boiler flue ductwork - Gaskets (rope/woven)

Sample No. A16567

Chrysotile



Boiler House, Timaru Hospital

1st Floor Locker Room (011)

Vinyl floor covering - Grey -
Vinyl Products

Sample No. A16568

No Asbestos Detected



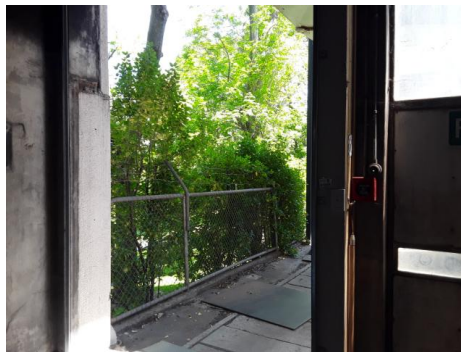
Boiler House, Timaru Hospital

Ground Floor Incinerator Room
(015)

Infill panel and boxing above
roller door - Cement Product

Sample No. A16569

No Asbestos Detected



Boiler House, Timaru Hospital

Ground Floor Small boiler room,
Southwest corner (018)

Gasket to redundant pipework -
Gaskets (compressed)

Sample No. A16570

Chrysotile



Boiler House, Timaru Hospital

Ground Floor Small boiler room,
Northeast corner (020)

Woven surround to pipe in pipe
hanger bracket - Gaskets
(rope/woven)

Sample No. A16571

Chrysotile



Boiler House, Timaru Hospital

Ground Floor Boiler room,
Central South wall (021)

Gaskets to redundant pipework -
Gaskets (compressed)

Sample No. A16572

Chrysotile



Boiler House, Timaru Hospital

External Covered area adjacent
to Roller door (024)

Gasket debris to redundant pipe
fittings - Gaskets (compressed)

Sample No. A16573

Chrysotile



Boiler House, Timaru Hospital

External Trench to front of roller door (025)

Bitumastic seal around trench cover slabs - Bituminous Product

Sample No. A16574

No Asbestos Detected



Boiler House, Timaru Hospital

External Access Room external wall (026)

Cement sheet North and West walls - Cement Product

Sample No. A16575

Amosite & Chrysotile

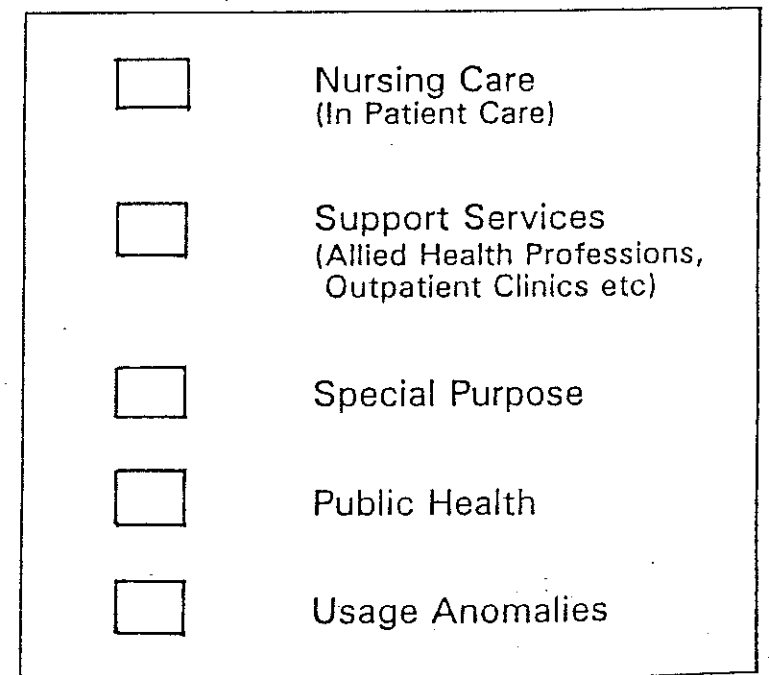
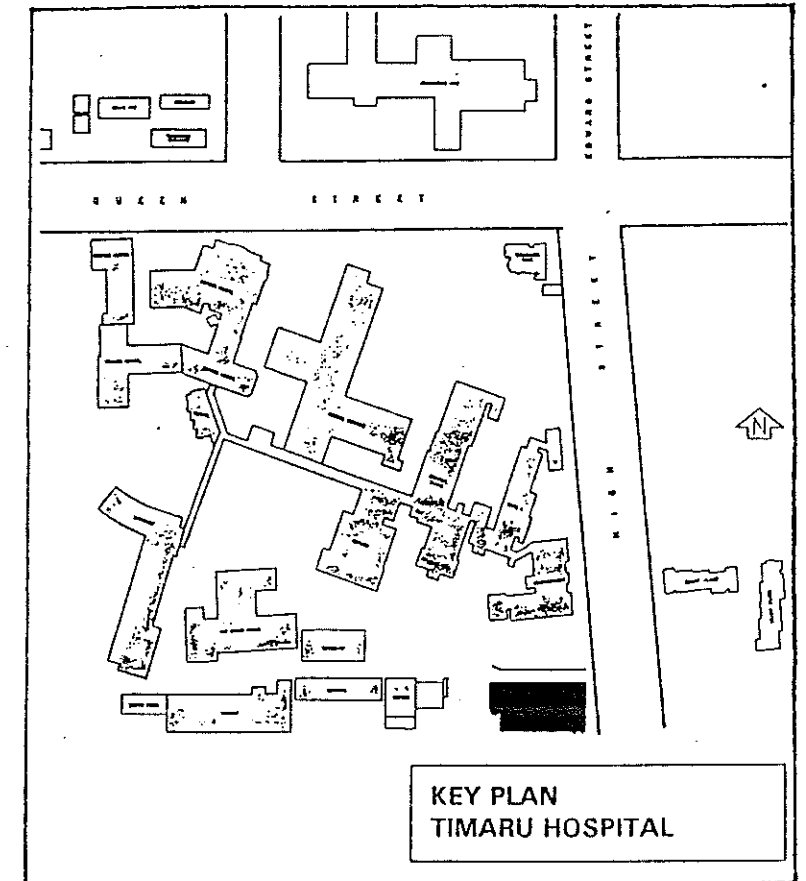
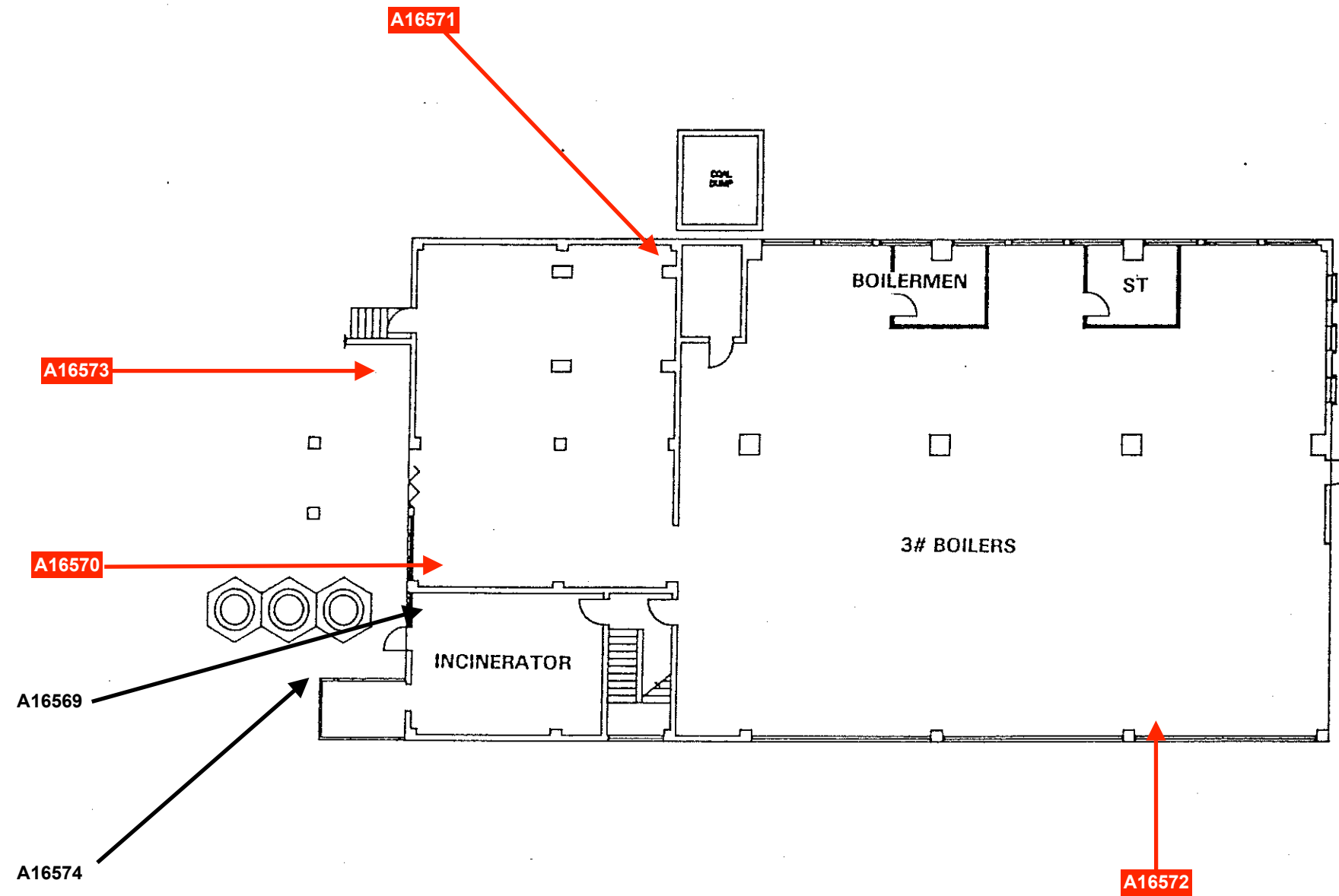


Sample Location Site Plans

BOILER HOUSE
GROUND FLOOR

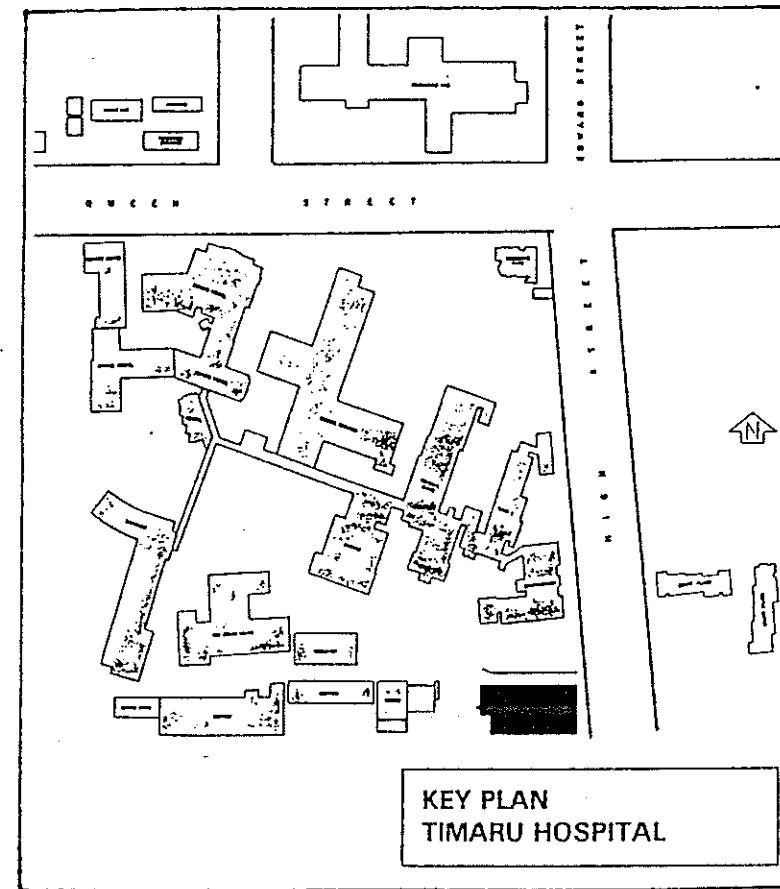
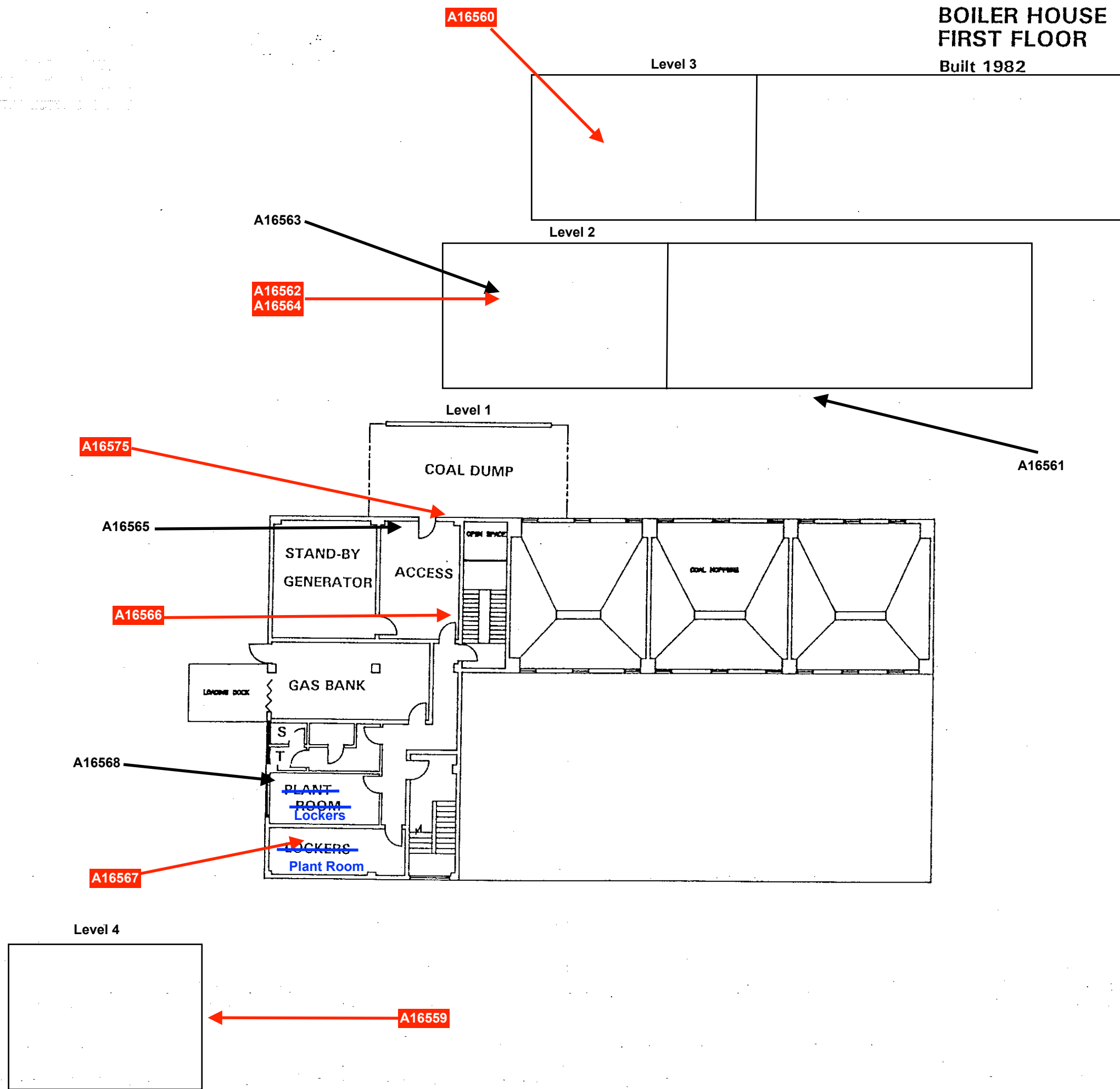
Built 1982

AUGUST 1993



BOILER HOUSE
FIRST FLOOR
Built 1982

AUGUST 1993



- Nursing Care (In Patient Care)
- Support Services (Allied Health Professions, Outpatient Clinics etc)
- Special Purpose
- Public Health
- Usage Anomalies

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5605

Client:	Asbestos Environmental Consultants	Date Sampled:	16/11/2018
Client Contact:	Ritchie Bower	Date Received:	16/11/2018
Telephone:	021 023 94186	Date Analysed:	16/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Boiler House)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16559	Not supplied	Decorative Coating	1 x 1	CHR, ORF	Yes
002	A16560	Not supplied	Debris	1 x 1	CHR, ORF	Yes
003	A16561	Not supplied	Textured Coating	2 x 1	NAD, ORF	No
004	A16562	Not supplied	Gasket	0.5 x 0.5	CHR, ORF	Yes
005	A16563	Not supplied	Gasket	0.5 x 1	NAD, ORF, SMF	No
006	A16564	Not supplied	Debris	1 x 1	CHR, ORF	Yes
007	A16565	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
008	A16566	Not supplied	Gasket	2 x 1	CHR, ORF	Yes
009	A16567	Not supplied	Rope	10 x 1	CHR, ORF	Yes
010	A16568	Not supplied	Vinyl Sheet	4 x 2	NAD, ORF	No
011	A16569	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
012	A16570	Not supplied	Gasket	4 x 4	CHR, ORF	Yes
013	A16571	Not supplied	Rope	3 x 1	CHR, ORF	Yes
014	A16572	Not supplied	Gasket	2 x 1	CHR, ORF	Yes
015	A16573	Not supplied	Backing Material	2 x 2	CHR	Yes
016	A16574	Not supplied	Bitumastic Material	2 x 2	NAD, ORF	No
017	A16575	Not supplied	Fibre Cement	0.5 x 1	CHR, AMO	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Chapel, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00632 (P1213-003)
Date of survey: 19 November 2018



Chapel, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Chapel (001)	Decorative Finishes – Spray Type Textured coating to ceiling	A16591	1	1	1	1	1	5	~70 m ²	A5	Monitor and manage
Ground Floor Chapel, rear section (002)	Decorative Finishes - Textured coating to walls	A16592	1	1	1	0	1	4	~50 m ²	A5	Painted yellow and blue
Ground Floor Chapel, Alter (003)	Decorative Finishes - Textured coating to walls	A16593	0	-	-	-	-	0	-	A6	Painted yellow
External Alter external walls (004)	Cement Product - Cement sheet to rear of render	A16594	3	1	1	0	0	5	~80 m ²	A5	
External Alter external walls (005)	Decorative Finishes - Render covering cement sheet	A16595	0	-	-	-	-	0	-	A6	

No Access Areas

Chapel, Timaru Hospital, No intrusive/ destructive inspection techniques used (008)

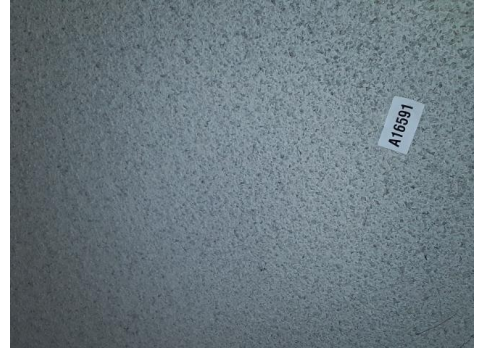
Photographs

Chapel, Timaru Hospital
Ground Floor Chapel (001)

Sprayed Textured coating to ceiling - Decorative Finishes

Sample No. A16591

Chrysotile



Chapel, Timaru Hospital
Ground Floor Chapel, rear section (002)

Textured coating to walls - Decorative Finishes

Sample No. A16592

Chrysotile



Chapel, Timaru Hospital
Ground Floor Chapel, Alter (003)

Textured coating to walls - Decorative Finishes

Sample No. A16593

No Asbestos Detected



Chapel, Timaru Hospital

External Alter external walls
(004)

Cement sheet to rear of render -
Cement Product

Sample No. A16594

Crocidolite, Amosite &
Chrysotile



Chapel, Timaru Hospital

External Alter external walls
(005)

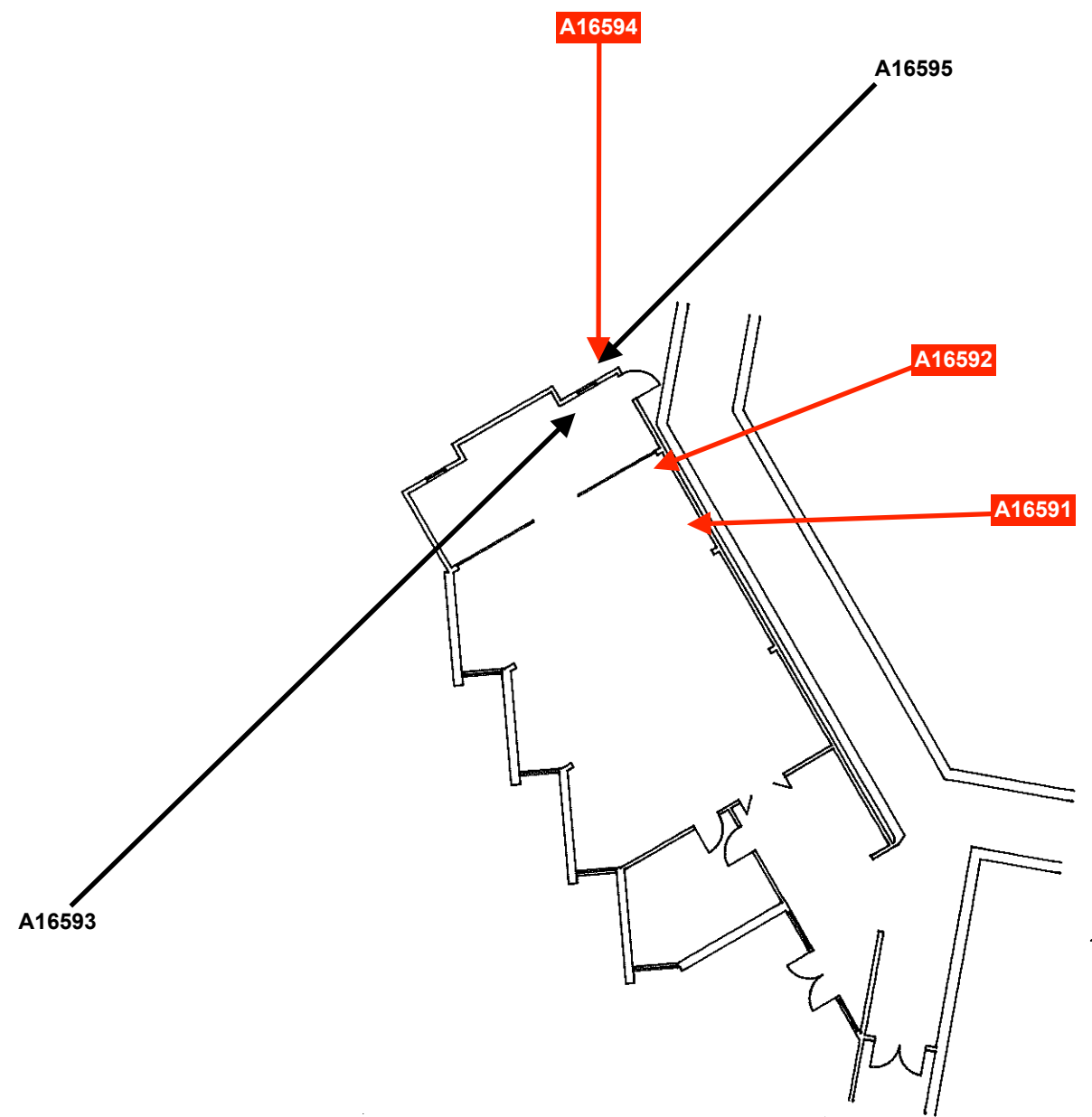
Render covering cement sheet -
Decorative Finishes

Sample No. A16595

No Asbestos Detected



Sample Location Site Plans



THIS DRAWING HAS BEEN REDUCED TO SCALE 1:200 (A3)
FROM ORIGINAL 1:100 (A1)
Project No. 448-93 Date: 02-03-93

<p>1:1 10 0 10 20 30 40 50 60 70 80 90 100</p>		<p>1:2 10 0 20 40 60 80 100 120 140 160 180 200</p>		<p>1:5 100 0 100 200 300 400 500</p>		<p>SCALE</p>	<p>HEALTHBUILD DESIGN GROUP</p>	<p>DRAWING TITLE TIMARU HOSPITAL CHAPEL</p>	<p>CLIENT C.A.H.B.</p>
<p>ISSUE AMENDMENT DRN APPR DATE</p>		<p>ISSUE AMENDMENT DRN APPR DATE</p>		<p>ISSUE AMENDMENT DRN APPR DATE</p>		<p>DESIGNER D.S.</p>			

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5732

Client:	Asbestos Environmental Consultants	Date Sampled:	22/11/2018
Client Contact:	Ritchie Bower	Date Received:	22/11/2018
Telephone:	021 023 94186	Date Analysed:	22/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Chapel)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

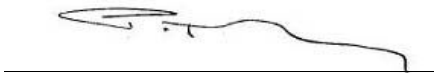
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16591	Not supplied	Textured Coating	3 x 2	CHR, ORF	Yes
002	A16592	Not supplied	Textured Coating	1 x 1	CHR, ORF	Yes
003	A16593	Not supplied	Textured Coating	2 x 1	NAD, ORF	No
004	A16594	Not supplied	Fibre Cement	2 x 1	CHR, AMO, CRO	Yes
005	A16595	Not supplied	Render	2 x 1	NAD, ORF, SMF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Clinical Services Building, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00633 (P1213-004)
Date of survey: 16 November - 12 December 2018



Clinical Services Building, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Plant Room 1 Adjacent Tunnels (001)	Insulation - Insulation residue to wall	A16590	0	-	-	-	-	0	-	A6	
Ground Floor Plant Room 1 Adjacent Tunnels (002)	Insulation - Residue on pipework	A16022	0	-	-	-	-	0	-	A6	
Ground Floor Maintenance Tunnels Corridor (005)	Bituminous Product - Bitumen to soil pipe	A16023	0	-	-	-	-	0	-	A6	
Ground Floor North End Stairwell (006)	Vinyl Products - Vinyl floor tiles yellow	A16024	1	0	1	2	1	5	~12 m ²	A3	Tiles are lifting
Ground Floor North End Stairwell (007)	Vinyl Products - Vinyl floor tiles red	A16025	1	0	1	2	1	5	~12 m ²	A3	Tiles are lifting
Ground Floor North End Stairwell (008)	Vinyl Products - Vinyl nosing strip	A16026	1	0	1	1	1	4	NQ	A5	
Ground Floor Clinical Records Secondary Storage (009)	Woven Product - Textile wrap	A16027	1	2	2	1	2	8	1 no	A1	Material was located in undercroft void. Presume further woven materials to be present within undercroft where inspection could not be performed. Removal is recommended.
Ground Floor Central Stairwell (010)	Vinyl Products - Vinyl floor tiles yellow	Reference A16024	1	0	1	2	1	5	~12 m ²	A3	Tiles are lifting
Ground Floor Central Stairwell (011)	Vinyl Products - Vinyl floor tiles red	Reference A16025	1	0	1	2	1	5	~12 m ²	A3	Tiles are lifting
Ground Floor Central Stairwell (012)	Vinyl Products - Vinyl nosing strip	Reference A16026	1	0	1	1	1	4	NQ	A5	
Ground Floor Clinical Records Secondary Storage (013)	Bituminous Product - Bitumen to soil pipe	Reference A16023	0	-	-	-	-	0	-	A6	
Ground Floor Northeast Lift Shaft (017)	Insulation - Residues to concrete walls	A16611	0	-	-	-	-	0	-	A6	Present to walls throughout shaft

Clinical Services Building, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Northeast Lift Shaft (018)	Insulation - Residues to walls	A16612	0	-	-	-	-	0	-	A6	
3rd Floor Northeast Lift Shaft (019)	Insulation - Residues to walls	A16613	0	-	-	-	-	0	-	A6	
6th Floor Lift Motor Room (020)	Friction Material - Lift motor brake pads	Presumed	1	0	1	0	2	4	4 no	A5	Replace with confirmed non-asbestos pads during routine maintenance. No sample due to operation of lift
6th Floor Lift Motor Room (021)	Friction Material - Dust to horizontal surfaces below southwest lift motor brake pads	A16614	0	-	-	-	-	0	-	A6	
6th Floor Lift Motor Room (022)	Friction Material - Dust to horizontal surfaces below northeast lift motor brake pads	A16615	0	-	-	-	-	0	-	A6	
6th Floor Stairwell (023)	Vinyl Products - Vinyl floor covering - dark green	A16608	0	-	-	-	-	0	-	A6	
6th Floor Stairwell (025)	Vinyl Products - Vinyl skirting - black	A16610	0	-	-	-	-	0	-	A6	
5th Floor 510a (026)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 510b Toilet (027)	Cement Product - Wall lining	A16617	0	-	-	-	-	0	-	A6	
5th Floor 509 (029)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 509a (030)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 509b Toilet (031)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 506 (034)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor 506a (035)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 506b Toilet (036)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 505 (037)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 505a (038)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 505b Toilet (039)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 504 (040)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 504a (041)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 504b Toilet (042)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 503 (043)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 503a (044)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 503b Toilet (045)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 502 (046)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 502b Toilet (047)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 501 (048)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 501b Toilet (049)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor 500 Kitchenette (050)	Vinyl Products - Vinyl floor covering - beige streak	A16618	0	-	-	-	-	0	-	A6	
5th Floor 527 Clinical Room (051)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 527 Sluice (052)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 527 Sluice (053)	Vinyl Products - Vinyl lower wall covering - cream	A16619	0	-	-	-	-	0	-	A6	
5th Floor 523 (055)	Vinyl Products - Vinyl floor covering - blue streak	A16620	0	-	-	-	-	0	-	A6	
5th Floor 523b Toilet (056)	Cement Product - Wall lining	A16621	0	-	-	-	-	0	-	A6	
5th Floor 525 (057)	Vinyl Products - Vinyl floor covering - blue streak	Reference A16620	0	-	-	-	-	0	-	A6	
5th Floor 525a (058)	Vinyl Products - Vinyl floor covering - blue streak	Reference A16620	0	-	-	-	-	0	-	A6	
5th Floor 525b Toilet (059)	Cement Product - Wall lining	Reference A16621	0	-	-	-	-	0	-	A6	
5th Floor 522 (061)	Vinyl Products - Vinyl floor covering - blue streak	Reference A16620	0	-	-	-	-	0	-	A6	
5th Floor 522b Toilet (062)	Cement Product - Wall lining	Reference A16621	0	-	-	-	-	0	-	A6	
5th Floor 521 (063)	Vinyl Products - Vinyl floor covering - blue streak	Reference A16620	0	-	-	-	-	0	-	A6	
5th Floor 521a (064)	Vinyl Products - Vinyl floor covering - blue streak	Reference A16620	0	-	-	-	-	0	-	A6	
5th Floor 521b Toilet (065)	Cement Product - Wall lining	Reference A16621	0	-	-	-	-	0	-	A6	
5th Floor 519 Staff Toilet (067)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor 518 Store (068)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 517 Surgical Doctors Room (069)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 514 Lobby (072)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 514a (073)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 514a - Ceiling Void (074)	Woven Product - Woven fire break	A16622	0	-	-	-	-	0	-	A6	
5th Floor 514b Toilet (075)	Cement Product - Wall lining	Reference A16621	0	-	-	-	-	0	-	A6	
5th Floor 513 (077)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 513a (078)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 513b Toilet (079)	Cement Product - Wall lining	Reference A16621	0	-	-	-	-	0	-	A6	
5th Floor 512 (080)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 512b Toilet (081)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	
5th Floor 529 Cleaners Cupboard (082)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 529 Cleaners Cupboard Riser (083)	Vinyl Products - Vinyl floor covering	Reference A16608	0	-	-	-	-	0	-	A6	
5th Floor 528 Cupboard (084)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 540 / 541 Plant Room (085)	Vinyl Products - Vinyl floor tiles- yellow	A16623	1	0	1	1	3	6	~50 m ²	A5	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor Gym (087)	Painted Surface - Textured paint to upper walls	A16624	0	-	-	-	-	0	-	A6	
5th Floor Gym (088)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor Gym (089)	Vinyl Products - Vinyl window sill	A16625	0	-	-	-	-	0	-	A6	
5th Floor Gym Store (090)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
5th Floor Gym Store (091)	Vinyl Products - Vinyl floor covering	Reference A16608	0	-	-	-	-	0	-	A6	
5th Floor Gym Store (092)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	
5th Floor Gym Store (093)	Vinyl Products - Vinyl tiles to lower walls	A16626	1	0	1	0	2	4	~20 m ²	A5	
5th Floor Gym Store - Rear Space (095)	Cement Product - Panels to rear of glazing to doors and windows	Presumed	2	1	1	2	1	7	~4 m ²	A5	
5th Floor Gym Office (096)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
5th Floor Gym Office (097)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	
5th Floor 538b (098)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 538a (099)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 558 (100)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
Ground Floor Basement Corridor Adjacent to Access into Undercroft (704)	Dust Sample - Swab sample from fire hose reel	A16057	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor 537 Riser (101)	Vinyl Products - Vinyl floor covering	Reference A16608	0	-	-	-	-	0	-	A6	
4th Floor 441, Theatre Prep, Adjacent Equipment Lift (705)	Dust Sample - Swab of dust from top of door frame opposite lift	A16058	0	-	-	-	-	0	-	A6	
5th Floor 538 Riser (102)	Vinyl Products - Vinyl floor covering	Reference A16608	0	-	-	-	-	0	-	A6	
3rd Floor Sterile Prep, Adjacent Equipment Lift (706)	Dust Sample - Swab of dust from top of door frame opposite lift	A16059	0	-	-	-	-	0	-	A6	
5th Floor 535 Kitchenette (103)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor Sterile Prep Plant Room, Window Ledge Adjacent Riser Boxing (707)	Dust Sample - Swab of dust from top of door frame opposite lift	A16060	0	-	-	-	-	0	-	A6	
5th Floor 557a (111)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 557a (112)	Vinyl Products - Vinyl lower wall covering -cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 556 Kitchen (113)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 556 Kitchen (114)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 555 (115)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 555 (116)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 553 (118)	Vinyl Products - Vinyl floor covering - light blue streak	Reference A16616	0	-	-	-	-	0	-	A6	
5th Floor 553 Toilet (119)	Cement Product - Wall lining	Reference A16617	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
5th Floor 550a (123)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 550a (124)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 549 (125)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 549 (126)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 552a (127)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 552a (128)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 548 (129)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 548 (130)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
5th Floor 546 (131)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 545 (132)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
5th Floor 543 (133)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 403 Toilet (138)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 404 Toilet (139)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 405 Toilet (140)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 414 (149)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 416 (151)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 426a Corridor (155)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 426a Corridor (156)	Vinyl Products - Vinyl lower wall covering - cream	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 426b (157)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 426c Ward (158)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 426c Ward (159)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor South Ward (160)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	
4th Floor Southward (161)	Vinyl Products - Vinyl window sill	A16627	0	-	-	-	-	0	-	A6	
4th Floor South Ward (162)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor South Ward Office (163)	Vinyl Products - Vinyl floor covering - green	A16628	0	-	-	-	-	0	-	A6	
4th Floor South Ward Office (164)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	
4th Floor South Ward Office (165)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
4th Floor South Ward Office (166)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	0	2	4	~20 m ²	A5	
4th Floor South Ward Store (167)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
4th Floor South Ward Store (168)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor South Ward Store (169)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
4th Floor South Ward Store (170)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	2	2	6	~6 m ²	A3	Tiles are broken and lifting in places
4th Floor 423 (171)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 432 (172)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 430 Toilet (173)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 429 Toilet (174)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 428 Toilet (175)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 429 (176)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 428 (177)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 427 (178)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 425 (179)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
4th Floor 424 (180)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
4th Floor 433 (181)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 344 (183)	Vinyl Products - Vinyl tiles to wall	A16629	1	0	1	0	1	3	~2 m ²	A5	Painted
3rd Floor 344 (184)	Vinyl Products - Vinyl window sill	A16630	0	-	-	-	-	0	-	A6	Painted

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 344 (185)	Vinyl Products - Vinyl floor covering - grey	A16631	0	-	-	-	-	0	-	A6	
3rd Floor 346 (186)	Vinyl Products - Vinyl window sill	Reference A16630	0	-	-	-	-	0	-	A6	Painted
3rd Floor 346 (187)	Paper Product - Paper backing to vinyl covering to vertical boxing to wall corner	A16632	1	2	2	0	1	6	~0.5 m ²	A5	
3rd Floor 345 (188)	Vinyl Products - Vinyl window sill	Reference A16630	0	-	-	-	-	0	-	A6	
3rd Floor 347a (189)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~6 m ²	A5	Painted
3rd Floor 351 Toilet (191)	Vinyl Products - Vinyl floor covering - turquoise / grey	A16633	0	-	-	-	-	0	-	A6	
3rd Floor 352 (192)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	A16634	1	2	2	0	1	6	~2 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 351 (193)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 350 (194)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 347a (195)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 347 (196)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 346 (197)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~2 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 345 (198)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 344 (199)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 343b (200)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 352 (201)	Vinyl Products - Vinyl floor covering - grey streak	A16635	0	-	-	-	-	0	-	A6	
3rd Floor Radiology Corridor (202)	Vinyl Products - Vinyl floor covering - blue	A16636	0	-	-	-	-	0	-	A6	
3rd Floor 353 Toilet (203)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 353 Toilet (204)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~2 m ²	A5	Painted
3rd Floor 353 Toilet (205)	Vinyl Products - Vinyl window sill	Reference A16630	0	-	-	-	-	0	-	A6	Painted
3rd Floor 354 (206)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	0	1	6	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 354 (207)	Paper Product - Paper backing to vinyl covering to vertical boxing to wall corner	Reference A16632	1	2	2	0	1	6	~3 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 354 (702)	Low Density Board - Boxing to southeast corner, AIB to rear of timber board to rear of paper backed vinyl	A16637	2	1	2	0	1	6	~3 m ³	A2	Material is exposed at edge and requires encapsulation or removal. Presume to be to the rear of timber panels of same application throughout building. Plan for routine removal
3rd Floor 354 (208)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~15 m ²	A5	Painted

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 355 (209)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 355 (210)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~3 m ²	A5	Painted
3rd Floor 355b (211)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~0.5 m ²	A5	Painted. May extend under plaster
3rd Floor 355b (212)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 355c (213)	Vinyl Products - Vinyl floor covering - light blue	A16638	0	-	-	-	-	0	-	A6	
3rd Floor 354 (214)	Vinyl Products - Vinyl floor covering - light blue	Reference A16638	0	-	-	-	-	0	-	A6	
3rd Floor 356 (215)	Vinyl Products - Vinyl floor covering - light blue	Reference A16638	0	-	-	-	-	0	-	A6	
3rd Floor 355c (216)	Vinyl Products - Vinyl window sill	Reference A16630	0	-	-	-	-	0	-	A6	
3rd Floor 356a (217)	Vinyl Products - Vinyl window sill	Reference A16630	0	-	-	-	-	0	-	A6	Painted
3rd Floor 356a (218)	Vinyl Products - Vinyl tiles to wall	Reference A16629	1	0	1	0	1	3	~4 m ²	A5	Painted
3rd Floor Ultrasound Corridor (219)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 361 (220)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 360 Toilet (222)	Vinyl Products - Vinyl floor covering - grey streak	Reference A16635	0	-	-	-	-	0	-	A6	
3rd Floor 358 (223)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 358a (224)	Vinyl Products - Vinyl floor covering – grey streak	Reference A16635	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 359 (225)	Vinyl Products - Vinyl floor covering - blue	Reference A16636	0	-	-	-	-	0	-	A6	
3rd Floor 340 Records / Store (226)	Painted Surface - Textured paint to upper walls	Reference A16624	0	-	-	-	-	0	-	A6	
3rd Floor 340 Records / Store (227)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 340 Records / Store (228)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
3rd Floor 340 Records / Store (229)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	1	1	4	~70 m ²	A3	Tiles are damaged or missing in various locations
3rd Floor Male Public Toilets (230)	Vinyl Products - Vinyl floor covering - blue speckled	A16639	0	-	-	-	-	0	-	A6	
3rd Floor Female Public Toilets (231)	Vinyl Products - Vinyl floor covering - blue speckled	Reference A16639	0	-	-	-	-	0	-	A6	
3rd Floor 337a Toilet (235)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 333a Kitchenette (236)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 336 Riser (236)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 336 Riser (237)	Gaskets (compressed) - Gasket to pipework	A16640	0	-	-	-	-	0	-	A6	
3rd Floor 335 Riser (238)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 334 Toilet (239)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor CSU Corridor (241)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor CSU Corridor (242)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor CSU Corridor (243)	Cement Product - Infill panels to A.C. surround to window	A16641	0	-	-	-	-	0	-	A6	
3rd Floor CSU Corridor (244)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
3rd Floor CSU Plant Room (245)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
3rd Floor CSU Plant Room (246)	Vinyl Products - Vinyl floor covering - grey	A16642	0	-	-	-	-	0	-	A6	
3rd Floor CSU Plant Room (247)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	2	2	2	1	8	~1 m ²	A1	Material is peeling off and damaged due to steam in the room
3rd Floor CSU Plant Room (248)	Low Density Board - Boxing to southeast corner, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	2	1	8	~3 m ³	A1	Timber cladding is peeling away and AIB is becoming exposed.
3rd Floor 326 Sterile Prep Room (249)	Paper Product - Millboard lining to rear of vinyl panels to boxing to central south wall	Reference A16634	1	1	2	0	1	5	~4 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 326 Sterile Prep (250)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (251)	Low Density Board - Boxing to south wall, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	1	6	~3 m ³	A5	Controls should be put in place to ensure that the material is not inadvertently disturbed.
3rd Floor 326 Sterile Prep Room (252)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	1	2	0	1	5	~4 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 326 Sterile Prep (253)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	1	1	4	~15 m ²	A3	Tiles are damaged or missing in various locations

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 326 Sterile Prep (254)	Sealant - Black adhesive to rear of vinyl wall tiles	A16643	0	-	-	-	-	0	-	A6	Presume present to rear of all vinyl products glued to lower walls
3rd Floor 326 Sterile Prep (255)	Sealant - Clear / yellow adhesive to rear of vinyl wall tiles	A16644	0	-	-	-	-	0	-	A6	Presume present to rear of all vinyl products glued to lower walls
3rd Floor 326 Sterile Prep (256)	Vinyl Products - Vinyl floor covering - dark beige	A16645	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (257)	Vinyl Products - Vinyl floor covering - grey	Reference A16642	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (258)	Vinyl Products - Vinyl covering to lower wall	A16646	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (260)	Vinyl Products - Vinyl covering to lower wall	A16647	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (261)	Cement Product - Plastic coated cement sheet wall lining	A16648	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (262)	Paper Product – Paper lining below vinyl desk top	A16649	1	1	2	1	2	7	~1 m ²	A3	Plan for routine removal
3rd Floor 326 Sterile Prep (263)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 326 Sterile Prep (264)	Low Density Board - Lift shaft side wall panels	A16650	2	2	2	2	2	10	>10 m ²	A1	Full extent and condition extending up into shaft is unknown. Encapsulation or removal as a priority is recommended
3rd Floor 326 Sterile Prep (265)	Low Density Board - Lift shaft. Debris to floor associated with side wall panels	Reference A16650	2	2	2	3	3	12	NQ	A1	Access restriction and removal followed by an environmental clean as a priority is recommended
3rd Floor 328 Sterile Prep Store (266)	Vinyl Products - Vinyl floor covering - grey	Reference A16642	0	-	-	-	-	0	-	A6	
3rd Floor 328 Sterile Prep Store (267)	Cement Product - Plastic coated cement sheet wall lining	Reference A16648	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 328 Sterile Prep Store (268)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	1	2	5	~8 m ²	A3	Tiles are damaged or missing in various locations
3rd Floor 211 Sterile Prep Office (269)	Paper Product - Paper backing to vinyl covering to ceiling parallel to external walls	Reference A16634	1	1	2	0	1	5	~1 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 211 Sterile Prep Office (270)	Paper Product - Paper backing to rear of vinyl panels to boxing to corner	Reference A16634	1	1	2	0	1	5	~2 m ²	A5	Material is encapsulated with a thick paint. Controls should be put in place to ensure that the material is not inadvertently disturbed. AIB is suspected to be present to rear of Panels
3rd Floor 211 Sterile Prep Office (271)	Low Density Board - Boxing to corner, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	1	6	~2 m ³	A5	Controls should be put in place to ensure that the material is not inadvertently disturbed.
3rd Floor 211 Sterile Prep Office (272)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
3rd Floor 211 Sterile Prep Office (273)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	1	2	5	~1 m ²	A5	Tiles are damaged or missing in various locations
3rd Floor 211 Sterile Prep Office (274)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
3rd Floor 211 Sterile Prep Office (275)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 436 Decontamination Room Lobby (276)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
4th Floor 436 Decontamination Room Lobby (277)	Cement Product - Plastic coated cement sheet splashback to sink	Reference A16648	0	-	-	-	-	0	-	A6	
4th Floor 436 Decontamination Room Lobby (278)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 436 Decontamination Room Lobby (279)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor Decontamination Room (280)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
3rd Floor Decontamination Room (281)	Vinyl Products - Vinyl floor covering - blue	A16651	0	-	-	-	-	0	-	A6	
4th Floor 457 Locker Room (284)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 341 Cleaners Room (285)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 341 Cleaners Room (286)	Vinyl Products - Vinyl tiles to lower walls	Reference A16626	1	0	1	1	2	5	~70 m ²	A3	Tiles are damaged or missing in various locations
3rd Floor 307b (287)	Cement Product - Plastic coated cement wall lining	A16652	0	-	-	-	-	0	-	A6	
3rd Floor 307 (288)	Vinyl Products - Vinyl floor covering - blue	A16653	0	-	-	-	-	0	-	A6	
3rd Floor 306b (291)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 306 (292)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 304 (295)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	Dark blue vinyl floor covering is modern
3rd Floor 303b (296)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 303 (298)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 302 (300)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 302b (301)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 302a (302)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 301 (303)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 301b (304)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 300 Riser (305)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 323 (306)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 322 (307)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 321 (308)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 319 (312)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 318 (313)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 318 (314)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
3rd Floor 317 (315)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 316 (316)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 316a (317)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
3rd Floor 315 Riser (318)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
3rd Floor 313 (320)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 313b (321)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 311 (323)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 311a (324)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 311b (325)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 309 (327)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 309b (328)	Cement Product - Plastic coated cement wall lining	Reference A16652	0	-	-	-	-	0	-	A6	
3rd Floor 308 Riser (329)	Bituminous Product - Bitumastic sealant to pipe joining	A16654	0	-	-	-	-	0	-	A6	Presume application to be present to pipe joining throughout the building
4th Floor 449 Theatre 2 (330)	Low Density Board - Boxing to northwest wall, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	0	5	~3 m ³	A5	Controls should be put in place to ensure that the material is not inadvertently disturbed
4th Floor 449 Theatre 2 (331)	Paper Product - Paper lining to rear of vinyl cladding to boxing panels to northwest wall	Reference A16634	1	1	2	1	1	6	~3 m ²	A1	Material is starting to lift at corners. AIB is suspected to be present to rear of timber board. It is recommended that controls are put in place and the material is scheduled for routine removal
4th Floor 449 Theatre 2 (332)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 449 Theatre 2 (333)	Vinyl Products - Vinyl floor covering - light green	A16684	0	-	-	-	-	0	-	A6	
4th Floor 450 Theatre 2 (334)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 450 Theatre 2 (335)	Vinyl Products - Vinyl covering to lower wall	Reference A16646	0	-	-	-	-	0	-	A6	
4th Floor 450 Theatre 2 (336)	Vinyl Products - Vinyl floor tiles - large grey and white speckled	A16683	0	-	-	-	-	0	-	A6	
4th Floor 447b Theatre 2 (337)	Vinyl Products - Vinyl floor tiles - large grey and white speckled	Reference A16683	0	-	-	-	-	0	-	A6	
4th Floor 447b (338)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 447c (339)	Cement Product - Plastic coated cement sheet wall lining	Reference A16648	0	-	-	-	-	0	-	A6	
4th Floor 447c (340)	Vinyl Products - Vinyl floor covering - grey	A16682	0	-	-	-	-	0	-	A6	
4th Floor 449 Theatre 2 (341)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A5	
4th Floor 447a Theatre 1 (342)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A5	
4th Floor 447a Theatre 1 (343)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 447a Theatre 1 (344)	Low Density Board - Boxing to northwest wall, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	0	5	~3 m ³	A5	Side panel only, front panel has been replaced Controls should be put in place to ensure that the material is not inadvertently disturbed.
4th Floor 447a Theatre 1 (345)	Paper Product - Paper lining to rear of vinyl cladding to boxing panels to northwest wall	Reference A16634	1	1	2	1	0	5	~0.5 m ²	A5	Side panel only. Material is starting to lift at corners. AIB is suspected to be present to rear of timber board. It is recommended that controls are put in place and the material is scheduled for routine removal
4th Floor 447a Theatre 1 (346)	Vinyl Products - Vinyl floor covering - light green	Reference A16684	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 447a Theatre 1 (347)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A5	
4th Floor 447 Theatre 1 (348)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 447 Theatre 1 (349)	Vinyl Products - Vinyl covering to lower wall	Reference A16646	0	-	-	-	-	0	-	A6	
4th Floor 447 Theatre 1 (350)	Vinyl Products - Vinyl floor tiles - large grey and white speckled	Reference A16683	0	-	-	-	-	0	-	A6	
4th Floor 444 Store (351)	Paper Product - Paper backing to vinyl to infill panels to ceiling parallel to external walls	Reference A16634	1	1	2	2	1	7	~2 m ²	A1	Vinyl is lifting at edges and corners exposing the paper backing. AIB is suspected to be present to rear of timber board. It is recommended that controls are put in place and the material is scheduled for routine removal
4th Floor 444 Store (352)	Paper Product - Paper backing to vinyl to infill panels to boxing to south wall	Reference A16634	1	1	2	2	1	7	~2 m ²	A1	Vinyl is lifting at edges and corners exposing the paper backing. AIB is suspected to be present to rear of timber board. It is recommended that Controls are put in place and the material is scheduled for routine removal
4th Floor 444 Store (353)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A5	
4th Floor 444 Store (354)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
4th Floor 444 Store (355)	Vinyl Products - Vinyl floor covering - light grey / blue	A16681	0	-	-	-	-	0	-	A6	
4th Floor 444 Store (356)	Low Density Board - Boxing to south wall, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	0	5	~3 m ³	A5	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 445 (357)	Vinyl Products - Vinyl floor covering - light grey / blue	Reference A16681	0	-	-	-	-	0	-	A6	
4th Floor 445 (358)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A5	
4th Floor 445 (359)	Vinyl Products - Vinyl window sill - terracotta	A16680	0	-	-	-	-	0	-	A6	
4th Floor 451b (360)	Cement Product - Plastic coated cement sheet wall lining	Reference A16648	0	-	-	-	-	0	-	A6	
4th Floor 451b (361)	Vinyl Products - Vinyl floor covering - grey	Reference A16681	0	-	-	-	-	0	-	A6	
4th Floor 448 (362)	Vinyl Products - Vinyl floor covering - grey	Reference A16681	0	-	-	-	-	0	-	A6	
4th Floor 448 (364)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 451 (365)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor 451 (366)	Vinyl Products - Vinyl covering to lower wall	Reference A16646	0	-	-	-	-	0	-	A6	
4th Floor 451d (367)	Vinyl Products - Vinyl floor tiles - large grey and white speckled	Reference A16683	0	-	-	-	-	0	-	A6	
4th Floor Theatre 3 (368)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A3	Tiles are becoming detached.
4th Floor Theatre 3 (369)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor Theatre 3 (370)	Vinyl Products - Vinyl floor covering - light green	Reference A16684	0	-	-	-	-	0	-	A6	
4th Floor 451a (371)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 451a (372)	Vinyl Products - Vinyl floor covering - light green	Reference A16684	0	-	-	-	-	0	-	A6	
4th Floor 452 (373)	Vinyl Products - Vinyl floor covering - light green	Reference A16684	0	-	-	-	-	0	-	A6	
4th Floor 452 (374)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor Theatre 4 (375)	Vinyl Products - Vinyl tiles lining wall hatch	Reference A16629	1	0	1	0	1	3	<1 m ²	A3	Tiles are becoming detached.
4th Floor Theatre 4 (376)	Vinyl Products - Vinyl wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor Theatre 4 (377)	Vinyl Products - Vinyl floor covering - light green speckled	A16679	0	-	-	-	-	0	-	A6	
4th Floor 434 (378)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 434 (379)	Vinyl Products - Vinyl lower wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor East Corridor (381)	Vinyl Products - Vinyl lower wall covering	Reference A16619	0	-	-	-	-	0	-	A6	
4th Floor East Corridor (382)	Vinyl Products - Vinyl floor covering - light green	Reference A16684	0	-	-	-	-	0	-	A6	
4th Floor East Corridor (383)	Vinyl Products - Vinyl tiles to lower walls	Reference A16629	1	0	1	0	1	3	~40 m ²	A3	Tiles are becoming detached.
4th Floor East Corridor (384)	Vinyl Products - Vinyl floor covering - dark green	A16678	0	-	-	-	-	0	-	A6	
4th Floor East Corridor (385)	Paper Product - Paper backing to vinyl to infill panels to ceiling parallel to east wall	Reference A16634	1	1	2	1	1	6	~4 m ²	A1	Vinyl is lifting at edges and corners exposing the paper backing. AIB is suspected to be present to rear of timber board. It is recommended that Controls are put in place and the material is scheduled for routine removal

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor East Corridor (386)	Paper Product - Paper backing to vinyl to infill panels to boxing to east wall	Reference A16634	1	1	2	2	1	7	~12 m ²	A1	Vinyl is lifting at edges and corners exposing the paper backing. AIB is suspected to be present to rear of timber board. It is recommended that Controls are put in place and the material is scheduled for routine removal
4th Floor East Corridor (387)	Low Density Board - Boxing to south wall, AIB to rear of timber board to rear of paper backed vinyl	Reference A16637	2	1	2	0	1	6	~12 m ³	A5	Four vertical boxing runs are present to the east wall It is recommended that Controls are put in place so that the material is not inadvertently disturbed
4th Floor East Corridor (388)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
4th Floor 441 (391)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 436 (392)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 437 (393)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 437a (394)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 437b (395)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 437c (395)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 438 (397)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 438 (398)	Vinyl Products - Vinyl tiles from lower walls stored in a plastic bag	Reference A16629	1	0	1	0	1	3	4 no	A3	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 439 (399)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 439a (400)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 439b (401)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 439c (402)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
4th Floor 436 (403)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 239 (406)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 238 (407)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 233 (408)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 229 (412)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 228 (413)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 230 (414)	Cement Product - Walls	A16656	0	-	-	-	-	0	-	A6	
2nd Floor 230c (415)	Cement Product - Walls	Reference A16656	0	-	-	-	-	0	-	A6	Modern vinyl shower surround
2nd Floor 230b (416)	Cement Product - Walls	Reference A16656	0	-	-	-	-	0	-	A6	
2nd Floor 230a (417)	Cement Product - Walls	Reference A16656	0	-	-	-	-	0	-	A6	Modern vinyl shower surround
2nd Floor 226 (418)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 219 (426)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 218 (427)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 213 (432)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 212 (433)	Vinyl Products - Vinyl floor & lower wall covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 211 (434)	Vinyl Products - Vinyl floor & lower wall covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 210 (436)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 208 (439)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 209 (441)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 209 Bathroom (442)	Cement Product - Walls and bath panels	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 208 Bathroom (443)	Cement Product - Walls and bath panels	A16657	0	-	-	-	-	0	-	A6	
2nd Floor 207 (444)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 206 Toilet (445)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 216b (446)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 215b (447)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 261 (451)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 202 Toilet (452)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 201 Toilet (456)	Cement Product - Walls	Reference A16657	0	-	-	-	-	0	-	A6	
2nd Floor 224 (460)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
2nd Floor 236 (462)	Insulation - Insulation residues to pipe hangers	A16661	0	-	-	-	-	0	-	A6	
2nd Floor 236 (463)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 248 (464)	Vinyl Products - Vinyl to ledge	A16658	0	-	-	-	-	0	-	A6	Vinyl floor covering is modern
2nd Floor 249 (465)	Vinyl Products - Vinyl floor covering - blue	A16659	0	-	-	-	-	0	-	A6	
2nd Floor 250 (466)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 250 (467)	Vinyl Products - Vinyl window sill - brown	A16660	0	-	-	-	-	0	-	A6	
2nd Floor 248 (468)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 251 (469)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 251 (470)	Vinyl Products - Vinyl floor covering	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 252 (471)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 253 (472)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 254 (473)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 253 (474)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 254 (475)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 255 (476)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 257a (477)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 258 (478)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 255 (479)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 257 (480)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 258 (481)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 257a (482)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 258 Toilet (483)	Cement Product - Walls and ceiling	A16662	0	-	-	-	-	0	-	A6	
2nd Floor 263 (484)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 264 (485)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 265 (486)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 266 (487)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 267 (488)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 268 (489)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor Children's Ward Corridor (490)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
2nd Floor 259 (491)	Cement Product - Walls and ceiling	Reference A16662	0	-	-	-	-	0	-	A6	
2nd Floor 260 (492)	Cement Product - Walls and ceiling	Reference A16662	0	-	-	-	-	0	-	A6	
2nd Floor 261 (493)	Cement Product - Walls and ceiling	Reference A16662	0	-	-	-	-	0	-	A6	
2nd Floor 262 (494)	Cement Product - Walls and ceiling	Reference A16662	0	-	-	-	-	0	-	A6	
2nd Floor 247 (495)	Paper Product - Paper lining to smf seal around pipe penetration	A16663	0	-	-	-	-	0	-	A6	Presume to similar application throughout the building
2nd Floor 247 (496)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 246c (498)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 246b (499)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 246a (500)	Vinyl Products - Vinyl window sill - brown	Reference A16660	0	-	-	-	-	0	-	A6	
2nd Floor 245 (501)	Vinyl Products - Vinyl floor covering - blue	Reference A16659	0	-	-	-	-	0	-	A6	
6th Floor Lift 5 Plant Room (502)	Cement Product - Infill panels to door	A16664	0	-	-	-	-	0	-	A6	
1st Floor Lift 5 Shaft (503)	Cement Product - Infill panels to door surrounds	A16665	0	-	-	-	-	0	-	A6	Present to door surrounds on each level

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor Lift 5 Shaft (504)	Bituminous Product - Bitumastic pads screwed to concrete wall	A16666	0	-	-	-	-	0	-	A6	
1st Floor Hydraulic Lift Plant Room (505)	Vinyl Products - Vinyl floor tiles red & yellow	Reference A16025	1	0	1	2	2	6	~2 m ²	A3	
1st Floor Hydraulic Lift Plant Room (506)	Painted surface - Textured coating to walls	Reference A16624	0	-	-	-	-	0	-	A6	
1st Floor Hydraulic Lift Plant Room (508)	Vinyl Products - Vinyl tiles to edge of lift shaft penetration	Reference A16024	1	0	1	2	2	6	~0.5 m ²	A3	
2nd Floor Women's Health Clinic Secretary Office 1 (511)	Vinyl Products - Vinyl covering to built in cupboards	A16667	0	-	-	-	-	0	-	A6	
2nd Floor Women's Health Clinic Central Office 1 (512)	Vinyl Products - Vinyl covering to built in cupboards	Reference A16667	0	-	-	-	-	0	-	A6	
2nd Floor South Corridor (514)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
2nd Floor South Corridor (515)	Vinyl Products - Vinyl floor covering	Reference A16608	0	-	-	-	-	0	-	A6	
2nd Floor 243 (517)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
2nd Floor 242 (518)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
1st Floor Nurse's Station (521)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 166 (522)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 166 Plaster Room (523)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 196 (525)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor 198 (526)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 197 (527)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 184 (528)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 183 (529)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor Emergency - Open Ward and Corridors (530)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 186 (531)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 187 (532)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 189 (534)	Vinyl Products - Vinyl floor covering - pink	A16668	0	-	-	-	-	0	-	A6	
1st Floor 192 (537)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 193 (538)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 194 (539)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 199a (542)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 199b (543)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 199d (544)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 170 (557)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor 171 (558)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 171b (559)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 171c (561)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 171d (562)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 173 (564)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 174 (565)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 175 (566)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 176 (567)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 178 (569)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 181 (570)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 179 (571)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 180 (572)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 163 (573)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 154 (574)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
1st Floor 156a (576)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor 158 (578)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
1st Floor 159 (579)	Vinyl Products - Vinyl floor covering - green	Reference A16628	0	-	-	-	-	0	-	A6	
1st Floor 156b (581)	Vinyl Products - Vinyl window sill	Reference A16625	0	-	-	-	-	0	-	A6	
1st Floor 161 (582)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 162 (583)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 106 (592)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 108 (594)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 110 (597)	Vinyl Products - Vinyl floor tiles - yellow	A16669	1	0	1	3	2	7	<1 m ²	A3	May extend under other coverings
1st Floor 111b (598)	Cement Product - Walls	A16670	0	-	-	-	-	0	-	A6	Vinyl shower surround is a modern material
1st Floor 116b (604)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 119a (608)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 119b (611)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 119b (612)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 129b (614)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 131 (616)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor 131b (617)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 132 (618)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 132b (619)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 125 (621)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 126 (622)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 127 (623)	Vinyl Products - Vinyl floor and wall covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 121 (625)	Vinyl Products - Vinyl floor and wall covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 122 (625)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 133 (627)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 134b (628)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 134 (629)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	
1st Floor 150b (632)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 140b (638)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
1st Floor 144 (639)	Vinyl Products - Vinyl floor and wall covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

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Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor 147b (643)	Cement Product - Walls	Reference A16670	0	-	-	-	-	0	-	A6	
5th Floor East Stairwell (654)	Vinyl Products - Vinyl floor covering - light green	A16671	0	-	-	-	-	0	-	A6	
5th Floor East Stairwell (655)	Vinyl Products - Vinyl floor tiles - yellow	Reference A16024	1	0	1	0	1	3	~15 m ²	A5	Levels 0 - 5
5th Floor East Stairwell (657)	Vinyl Products - Vinyl floor tiles - red	Reference A16025	1	0	1	0	1	3	~10 m ²	A5	Levels 0 - 5
Ground Floor East Stairwell (658)	Vinyl Products - Vinyl stair nosing	Reference A16026	1	0	1	0	1	3	~17 lin m	A5	levels 0 - 1
5th Floor East Stairwell (659)	Vinyl Products - Vinyl stair nosing - red	A16672	1	0	1	0	1	3	~100 lin m	A5	Levels 1 - 5
5th Floor East Stairwell (670)	Vinyl Products - Vinyl floor and step covering - dark green	A16673	0	-	-	-	-	0	-	A6	Levels 0 - 5
5th Floor East Stairwell (671)	Painted Surface - Textured paint walls and ceiling	Reference A16624	0	-	-	-	-	0	-	A6	
5th Floor North Stairwell (672)	Vinyl Products - Vinyl floor tiles - yellow	Reference A16024	1	0	1	0	1	3	~22 m ²	A5	Levels 0 - 1 & 3 - 5
5th Floor North Stairwell (673)	Vinyl Products - Vinyl floor tiles - red	Reference A16025	1	0	1	0	1	3	~22 m ²	A5	Levels 0 - 1 & 3 - 5
5th Floor North Stairwell (675)	Vinyl Products - Vinyl floor and step covering - dark green	Reference A16673	0	-	-	-	-	0	-	A6	Levels 0 - 5
5th Floor North Stairwell (676)	Vinyl Products - Vinyl stair nosing - red	Reference A16672	1	0	1	0	1	3	~40 lin m	A5	Levels 1 - 5
5th Floor North Stairwell (677)	Painted Surface - Textured paint walls and ceiling	Reference A16624	0	-	-	-	-	0	-	A6	

Clinical Services Building, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Undercroft Adjacent Access Point (678)	Insulation - Insulation debris to plastic sheet covering ground surface	A16655	2	3	3	3	1	12	NQ	A1	Debris is believed to originate from pipe lagging which has been disturbed from a penetration to the solid concrete ceiling above. Presume all undercroft areas to be contaminated with similar asbestos occurrences. Presume all penetrations of a similar building construction to have insulation present. Access restrictions should be put in place and removal of debris followed by an environmental clean of the surrounding area is recommended as a priority. Further investigation may be required to fully ascertain extent and scope for removal
External Roof (679)	Bituminous Product - Roofing membrane to flat roof	A16674	0	-	-	-	-	0	-	A6	
1st Floor Central Stairwell Cupboard (680)	Vinyl Products - Vinyl floor tiles - red & yellow	Reference A16024	1	0	1	0	1	3	~2 m ²	A5	Presume tiles to extend under carpeted areas throughout stairwell
1st Floor Central Stairwell Level 0 - 1 (681)	Vinyl Products - Vinyl floor tiles - red & yellow	Reference A16024	1	0	1	2	1	5	~45 m ²	A5	Presume tiles to extend under carpeted areas throughout stairwell
Ground Floor Central Stairwell Levels 0 - 1 (682)	Vinyl Products - Vinyl stair nosing	Reference A16026	1	0	1	0	1	3	~21 lin m	A5	levels 0 - 1
Ground Floor Central Stairwell Levels 0 - 1 (683)	Vinyl Products - Vinyl floor and step covering - dark green	Reference A16673	0	-	-	-	-	0	-	A6	levels 0 - 5
External Canopy Over Front Entrance (684)	Cement Product - Canopy ceiling	A16675	0	-	-	-	-	0	-	A6	
External Canopy Adjacent To Front Entrance (685)	Decorative Finishes - Textured render to canopy ceiling	A16676	0	-	-	-	-	0	-	A6	

Clinical Services Building, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Wall Lining Adjacent Ambulance Bay (686)	Cement Product - Walls	A16677	0	-	-	-	-	0	-	A6	
External Ambulance Bay (687)	Cement Product - Canopy ceiling	A16685	0	-	-	-	-	0	-	A6	
External Maternity Entrance (689)	Cement Product - External walls to lift plant room	A16687	0	-	-	-	-	0	-	A6	
External Perimeter Solid Walls (690)	Decorative Finishes - Textured render to walls	A16686	0	-	-	-	-	0	-	A6	
External Age Care (691)	Cement Product - External walls	Reference A16687	0	-	-	-	-	0	-	A6	
External Cylinder & Electrics Stores (692)	Cement Product - Infill / wall panels	A16688	0	-	-	-	-	0	-	A6	
External Roof (693)	Bituminous Product - Bitumastic roofing membrane	A16694	1	1	1	2	0	5	NQ	A5	Presume to be present below bitumastic roof covering over entire roof.
External Flat Roof Above Emergency Department (694)	Bituminous Product - Bitumastic roofing membrane	A16716	1	1	1	1	0	4	~200 m ²	A5	
External, External Walls to Rear Emergency Department (695)	Cement Product - Wall panels	A16717	0	-	-	-	-	0	-	A6	
6th Floor Stairwell (696)	Vinyl Products - Vinyl stair nosing - red	A16609	1	0	1	0	1	3	~14 lin m	A5	
5th Floor 510 (697)	Vinyl Products - Vinyl floor covering - light blue streak	A16616	0	-	-	-	-	0	-	A6	
3rd Floor 306a (698)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
3rd Floor 307a (699)	Vinyl Products - Vinyl floor covering - blue	Reference A16653	0	-	-	-	-	0	-	A6	
1st Floor 171a (701)	Vinyl Products - Vinyl floor covering - beige streak	Reference A16618	0	-	-	-	-	0	-	A6	

Clinical Services Building, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
3rd Floor 354 (702)	Low Density Board - Boxing to southeast corner, AIB to rear of timber board to rear of paper backed vinyl	A16637	2	1	2	1	1	7	~3 m ³	A3	Material is exposed at edge and requires encapsulation or removal. Presume to be to the rear of timber panels of same application throughout building. Plan for routine removal

No Access Areas

Clinical Services Building, Timaru Hospital, Boxing and lining panels to voids and cavities may contain low density board to rear which is inaccessible during a non-intrusive management survey

Clinical Services Building, Timaru Hospital, Ground Floor Chiller Room - Wall Void (004)

Clinical Services Building, Timaru Hospital, Ground Floor Lift Pits (014)

Clinical Services Building, Timaru Hospital, Ground Floor Undercroft Adjacent Maintenance and Clinical Records Corridors (015) - Asbestos contamination may be present

Clinical Services Building, Timaru Hospital, Ground Floor HV Room 113 Alpine Energy (016)

Clinical Services Building, Timaru Hospital, 1st Floor 177 (568)

Clinical Services Building, Timaru Hospital, 5th Floor South Wing Ceiling Void (086) - No inspection within ceiling void. Ceramic ceiling tiles could not be removed without causing undue damage

Clinical Services Building, Timaru Hospital, 5th Floor Gym Store - Rear Space (094)

Clinical Services Building, Timaru Hospital, External Sprinkler Stop Valve Room (688)

No intrusive / destructive inspection techniques used

Photographs

Clinical Services Building,
Timaru Hospital

Ground Floor Plant Room 1
Adjacent Tunnels (001)

Insulation residue to wall -
Insulation

Sample No. A16590

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

Ground Floor Plant Room 1
Adjacent Tunnels (002)

Residue on pipework - Insulation

Sample No. A16022

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

Ground Floor Maintenance
Tunnels Corridor (005)

Bitumen to soil pipe -
Bituminous Product

Sample No. A16023

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

Ground Floor North End
Stairwell (006)

Vinyl floor tiles yellow - Vinyl
Products

Sample No. A16024

Chrysotile



Clinical Services Building,
Timaru Hospital

Ground Floor North End
Stairwell (007)

Vinyl floor tiles red - Vinyl
Products

Sample No. A16025

Chrysotile



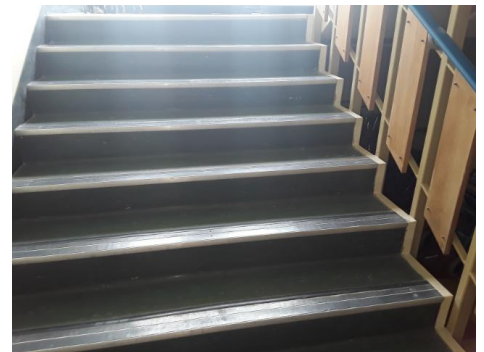
Clinical Services Building,
Timaru Hospital


Ground Floor North End
Stairwell (008)

Vinyl nosing strip - Vinyl
Products

Sample No. A16026

Chrysotile





<p>Clinical Services Building, Timaru Hospital</p> <p>Ground Floor Clinical Records Secondary Storage (009)</p> <p>Textile wrap - Woven Product</p> <p>Sample No. A16027</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>Ground Floor Northeast Lift Shaft (017)</p> <p>Residues to concrete walls - Insulation</p> <p>Sample No. A16611</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>Ground Floor Northeast Lift Shaft (018)</p> <p>Residues to walls - Insulation</p> <p>Sample No. A16612</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor Northeast Lift Shaft (019)</p> <p>Residues to walls - Insulation</p> <p>Sample No. A16613</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>6th Floor Lift Motor Room (020)</p> <p>Lift motor brake pads - Friction Material</p> <p>Sample No. Presumed</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>6th Floor Lift Motor Room (021)</p> <p>Dust to horizontal surfaces below southwest lift motor brake pads - Friction Material</p> <p>Sample No. A16614</p> <p>No Asbestos Detected</p>		
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Clinical Services Building,
Timaru Hospital

6th Floor Lift Motor Room (022)

Dust to horizontal surfaces
below northeast lift motor brake
pads - Friction Material

Sample No. A16615

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

6th Floor Stairwell (023)

Vinyl floor covering - dark green
- Vinyl Products

Sample No. A16608

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

6th Floor Stairwell (025)

Vinyl skirting - black - Vinyl
Products

Sample No. A16610

No Asbestos Detected



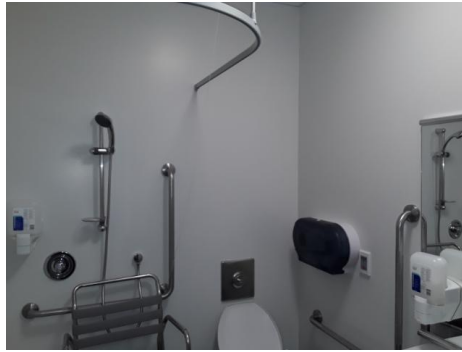
Clinical Services Building,
Timaru Hospital

5th Floor 510b Toilet (027)

Wall lining - Cement Product

Sample No. A16617

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor 500 Kitchenette (050)

Vinyl floor covering - beige
streak - Cement Product

Sample No. A16618

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor 527 Sluice (053)

Vinyl lower wall covering - Vinyl
Products

Sample No. A16619

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor 523 (055)

Vinyl floor covering - blue streak
- Vinyl Products

Sample No. A16620

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor 523b Toilet (056)

Wall lining - Cement Product

Sample No. A16621

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor 514a - Ceiling Void
(074)

Woven fire break - Woven
Product

Sample No. A16622

No Asbestos Detected



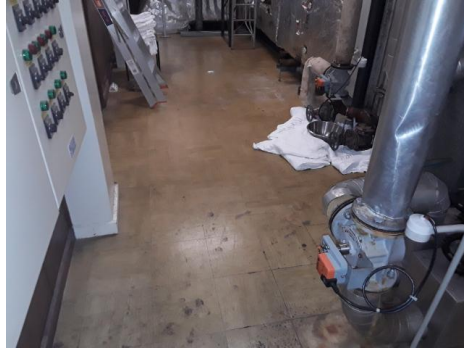
Clinical Services Building,
Timaru Hospital

5th Floor 540 / 541 Plant Room
(085)

Vinyl floor tiles- yellow - Vinyl
Products

Sample No. A16623

Chrysotile



Clinical Services Building,
Timaru Hospital

5th Floor Gym (087)

Textured paint to upper walls -
Painted Surface

Sample No. A16624

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor Gym (089)

Vinyl window sill - Vinyl Products

Sample No. A16625

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

5th Floor Gym Store (093)

Vinyl tiles to lower walls - Vinyl
Products

Sample No. A16626

Chrysotile



Clinical Services Building,
Timaru Hospital

5th Floor Gym Store - Rear
Space (095)

Panels to rear of glazing to
doors and windows - Cement
Product

Sample No. Presumed

Amosite & Chrysotile



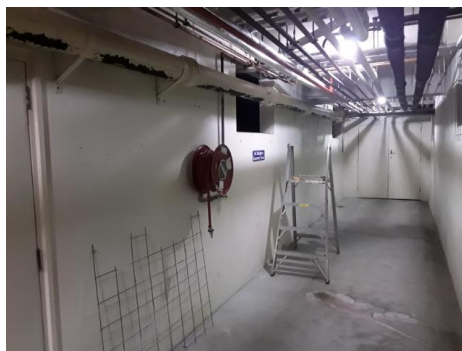
Clinical Services Building,
Timaru Hospital

Ground Floor Basement
Corridor Adjacent to Access into
Undercroft (704)

Swab sample from fire hose reel
- Dust Sample

Sample No. A16057

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

4th Floor 441, Theatre Prep,
Adjacent Equipment Lift (705)

Swab of dust from top of door
frame opposite lift - Dust Sample

Sample No. A16058

No Asbestos Detected



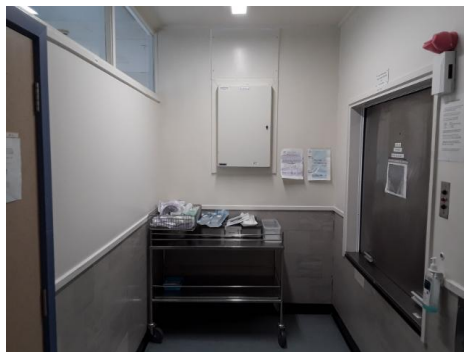
Clinical Services Building,
Timaru Hospital

3rd Floor Sterile Prep, Adjacent
Equipment Lift (706)

Swab of dust from top of door
frame opposite lift - Dust Sample

Sample No. A16059

No Asbestos Detected



Clinical Services Building,
Timaru Hospital



3rd Floor Sterile Prep Plant
Room, Window Ledge Adjacent
Riser Boxing (707)


Swab of dust from top of door
frame opposite lift - Dust Sample

Sample No. A16060

No Asbestos Detected





<p>Clinical Services Building, Timaru Hospital</p> <p>4th Floor Southward (161)</p> <p>Vinyl window sill - Vinyl Products</p> <p>Sample No. A16627</p> <p>No Asbestos Detected</p>		
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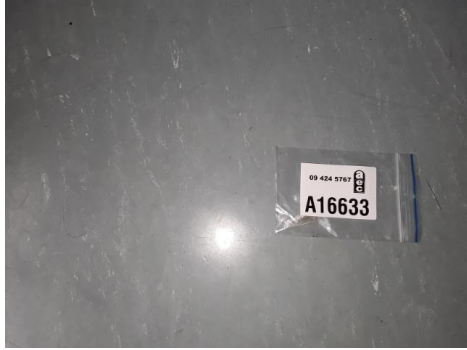
<p>Clinical Services Building, Timaru Hospital</p> <p>4th Floor South Ward Office (163)</p> <p>Vinyl floor covering - green - Vinyl Products</p> <p>Sample No. A16628</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 344 (183)</p> <p>Vinyl tiles to wall - Vinyl Products</p> <p>Sample No. A16629</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 344 (184)</p> <p>Vinyl window sill - Vinyl Products</p> <p>Sample No. A16630</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 344 (185)</p> <p>Vinyl floor covering - grey - Vinyl Products</p> <p>Sample No. A16631</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 346 (187)</p> <p>Paper backing to vinyl covering to vertical boxing to wall corner - Paper Product</p> <p>Sample No. A16632</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 351 Toilet (191)</p> <p>Vinyl floor covering - turquoise / grey - Vinyl Products</p> <p>Sample No. A16633</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 352 (192)</p> <p>Paper backing to vinyl covering to ceiling parallel to external walls - Paper Product</p> <p>Sample No. A16634</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 352 (201)</p> <p>Vinyl floor covering - grey streak - Vinyl Products</p> <p>Sample No. A16635</p> <p>No Asbestos Detected</p>		
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Clinical Services Building,
Timaru Hospital

3rd Floor Radiology Corridor
(202)

Vinyl floor covering - blue - Vinyl
Products

Sample No. A16636

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 355c (213)

Vinyl floor covering - light blue -
Vinyl Products

Sample No. A16638

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor Male Public Toilets
(230)

Vinyl floor covering - blue
speckled - Vinyl Products

Sample No. A16639

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 336 Riser (237)

Gasket to pipework - Gaskets
(compressed)

Sample No. A16640

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor CSU Corridor (243)

Infill panels to A.C. surround to
window - Cement Product

Sample No. A16641

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor CSU Plant Room (246)

Vinyl floor covering - grey - Vinyl
Products

Sample No. A16642

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (254)

Black adhesive to rear of vinyl
wall tiles - Sealant

Sample No. A16643

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (255)

Clear / yellow adhesive to rear
of vinyl wall tiles - Sealant

Sample No. A16644

No Asbestos Detected



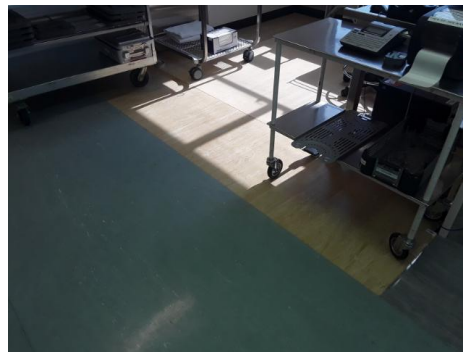
Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (256)

Vinyl floor covering - dark beige
- Vinyl Products

Sample No. A16645

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (258)

Vinyl covering to lower wall -
Vinyl Products

Sample No. A16646

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (260)

Vinyl covering to lower wall -
Vinyl Products

Sample No. A16647

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (261)

Plastic coated cement sheet wall
lining - Cement Product

Sample No. A16648

No Asbestos Detected



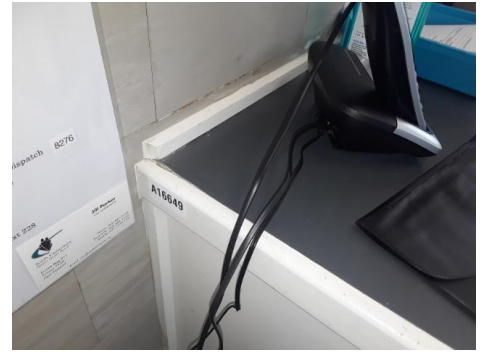
Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (262)

Paper lining below vinyl desk top
- Paper Product

Sample No. A16649

Chrysotile



Clinical Services Building,
Timaru Hospital

3rd Floor 326 Sterile Prep (264)

Lift shaft side wall panels - Low
Density Board

Sample No. A16650

Amosite & Chrysotile



Clinical Services Building,
Timaru Hospital

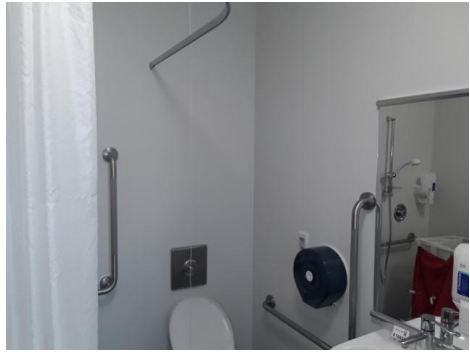
3rd Floor Decontamination
Room (281)

Vinyl floor covering - blue - Vinyl
Products

Sample No. A16651


No Asbestos Detected




<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 307b (287)</p> <p>Plastic coated cement wall lining - Cement Product</p> <p>Sample No. A16652</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 307 (288)</p> <p>Vinyl floor covering - blue - Vinyl Products</p> <p>Sample No. A16653</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>3rd Floor 308 Riser (329)</p> <p>Bitumastic sealant to pipe joining - Bituminous Product</p> <p>Sample No. A16654</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>4th Floor 449 Theatre 2 (333)</p> <p>Vinyl floor covering - light green - Vinyl Products</p> <p>Sample No. A16684</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>4th Floor 450 Theatre 2 (336)</p> <p>Vinyl floor tiles - large grey and white speckled - Vinyl Products</p> <p>Sample No. A16683</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>4th Floor 447c (340)</p> <p>Vinyl floor covering - grey - Vinyl Products</p> <p>Sample No. A16682</p> <p>No Asbestos Detected</p>		
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Clinical Services Building,
Timaru Hospital

4th Floor 444 Store (355)

Vinyl floor covering - light grey /
blue - Vinyl Products

Sample No. A16681

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

4th Floor 445 (359)

Vinyl window sill - terracotta -
Vinyl Products

Sample No. A16680

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

4th Floor Theatre 4 (377)

Vinyl floor covering - light green
speckled - Vinyl Products

Sample No. A16679

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

4th Floor East Corridor (384)

Vinyl floor covering - dark green
- Vinyl Products

Sample No. A16678

No Asbestos Detected



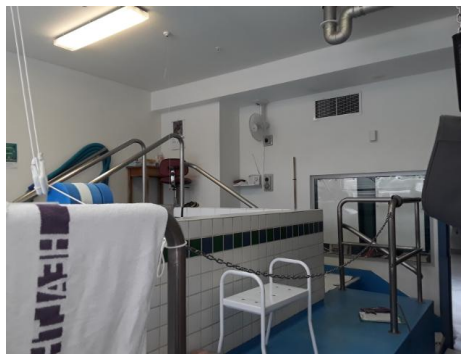
Clinical Services Building,
Timaru Hospital

2nd Floor 230 (414)

Walls - Cement Product

Sample No. A16656

No Asbestos Detected



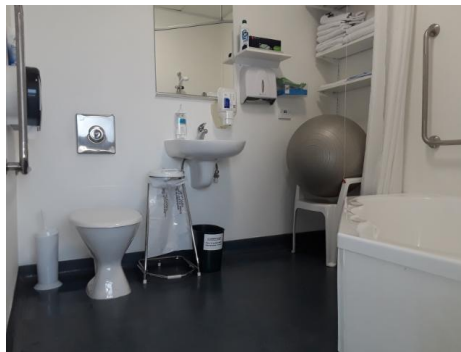
Clinical Services Building,
Timaru Hospital

2nd Floor 208 Bathroom (443)

Walls and bath panels - Cement
Product

Sample No. A16657

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

2nd Floor 236 (462)

Insulation residues to pipe
hangers - Insulation

Sample No. A16661

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

2nd Floor 248 (464)

Vinyl to ledge - Vinyl Products

Sample No. A16658

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

2nd Floor 249 (465)

Vinyl floor covering - blue - Vinyl
Products

Sample No. A16659

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

2nd Floor 250 (467)

Vinyl window sill - brown - Vinyl
Products

Sample No. A16660

No Asbestos Detected



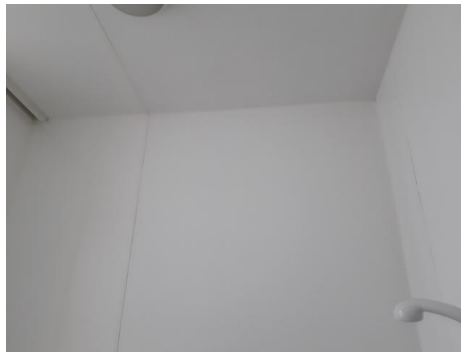
Clinical Services Building,
Timaru Hospital

2nd Floor 258 Toilet (483)

Walls and ceiling - Cement
Product

Sample No. A16662

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

2nd Floor 247 (495)

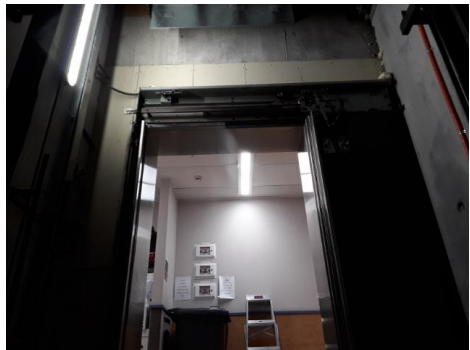

Paper lining to SMF seal around
pipe penetration - Paper Product

Sample No. A16663

No Asbestos Detected



<p>Clinical Services Building, Timaru Hospital</p> <p>6th Floor Lift 5 Plant Room (502)</p> <p>Infill panels to door - Cement Product</p> <p>Sample No. A16664</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>1st Floor Lift 5 Shaft (503)</p> <p>Infill panels to door surrounds - Cement Product</p> <p>Sample No. A16665</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>2nd Floor Lift 5 Shaft (504)</p> <p>Bitumastic pads screwed to concrete wall - Bituminous Product</p> <p>Sample No. A16666</p> <p>No Asbestos Detected</p>		
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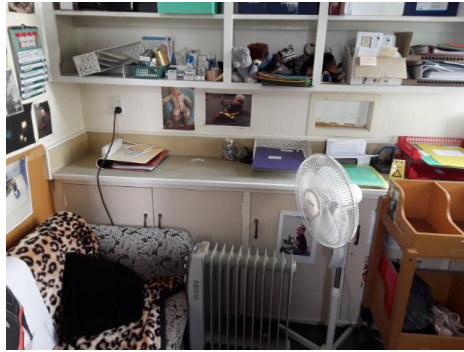
Clinical Services Building,
Timaru Hospital

2nd Floor Women's Health
Clinic Secretary Office 1 (511)

Vinyl covering to built in
cupboards - Vinyl Products

Sample No. A16667

No Asbestos Detected



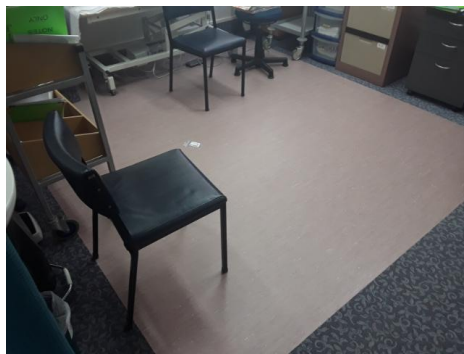
Clinical Services Building,
Timaru Hospital

1st Floor 189 (534)

Vinyl floor covering - pink - Vinyl
Products

Sample No. A16668

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

1st Floor 110 (597)

Vinyl floor tiles - yellow - Vinyl
Products



Sample No. A16669



Chrysotile





<p>Clinical Services Building, Timaru Hospital</p> <p>1st Floor 111b (598)</p> <p>Walls - Cement Product</p> <p>Sample No. A16670</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>5th Floor East Stairwell (654)</p> <p>Vinyl floor covering - light green - Vinyl Products</p> <p>Sample No. A16671</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>5th Floor East Stairwell (659)</p> <p>Vinyl stair nosing - red - Vinyl Products</p> <p>Sample No. A16672</p> <p>Chrysotile</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>5th Floor East Stairwell (670)</p> <p>Vinyl floor and step covering - dark green - Vinyl Products</p> <p>Sample No. A16673</p> <p>No Asbestos Detected</p>		
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<p>Clinical Services Building, Timaru Hospital</p> <p>Ground Floor Undercroft Adjacent Access Point (678)</p> <p>Insulation debris to plastic sheet covering ground surface - Insulation</p> <p>Sample No. A16655</p> <p>Amosite</p>		
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

<p>Clinical Services Building, Timaru Hospital</p> <p>External Roof (679)</p> <p>Roofing membrane to flat roof - Bituminous Product</p> <p>Sample No. A16674</p> <p>No Asbestos Detected</p>		
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------

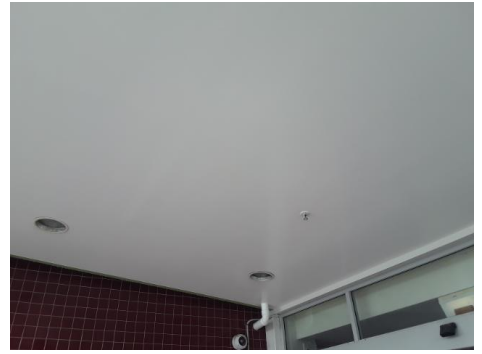
Clinical Services Building,
Timaru Hospital

External Canopy Over Front
Entrance (684)

Canopy ceiling - Cement
Product

Sample No. A16675

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Canopy Adjacent to
Front Entrance (685)

Textured render to canopy
ceiling - Decorative Finishes

Sample No. A16676

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Wall Lining Adjacent
Ambulance Bay (686)

Walls - Cement Product

Sample No. A16677

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Ambulance Bay (687)

Canopy ceiling - Cement
Product

Sample No. A16685

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Maternity Entrance
(689)

External walls to lift plant room -
Cement Product

Sample No. A16687

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Perimeter Solid Walls
(690)

Textured render to walls -
Decorative Finishes

Sample No. A16686

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Cylinder & Electrics
Stores (692)

Infill / wall panels - Cement
Product

Sample No. A16688

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

External Roof (693)

Bitumastic roofing membrane -
Bituminous Product

Sample No. A16694

Chrysotile



Clinical Services Building,
Timaru Hospital

External Flat Roof Above
Emergency Department (694)

Bitumastic roofing membrane -
Bituminous Product

Sample No. A16716

Chrysotile



Clinical Services Building,
Timaru Hospital

External, External Walls to Rear
Emergency Department (695)

Wall panels - Cement Product

Sample No. A16717

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

6th Floor Stairwell (696)

Vinyl stair nosing - red - Vinyl
Products

Sample No. A16609

Chrysotile



Clinical Services Building,
Timaru Hospital

5th Floor 510 (697)

Vinyl floor covering - light blue
streak - Vinyl Products

Sample No. A16616

No Asbestos Detected



Clinical Services Building,
Timaru Hospital

3rd Floor 354 (702)

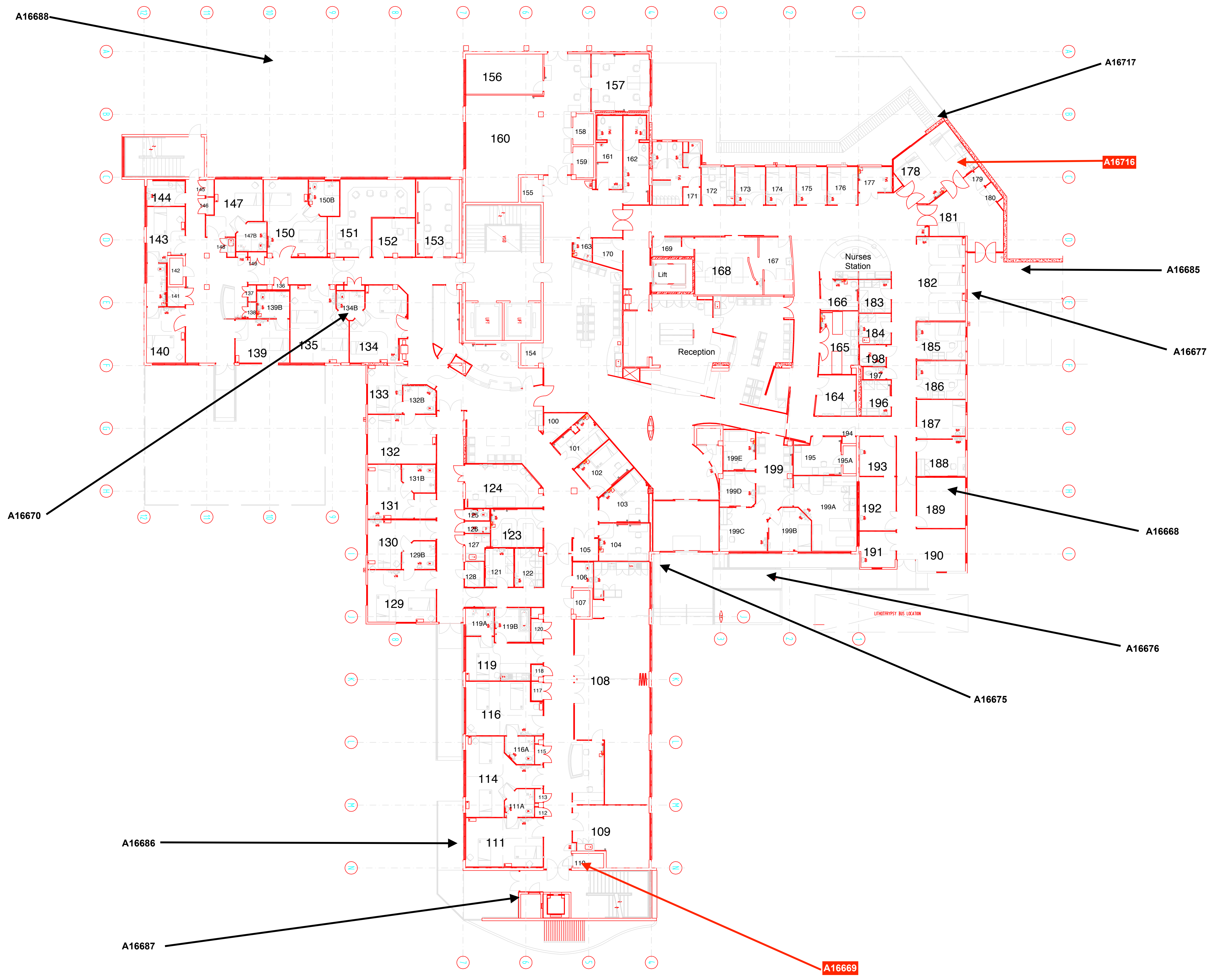
Boxing to southeast corner, AIB
to rear of timber board to rear of
paper backed vinyl - Low
Density Board

Sample No. A16637

Amosite & Chrysotile



Sample Location Site Plans



MRI

South Corridor

A16662

A16667

A16663

A16665
A16666

A16661

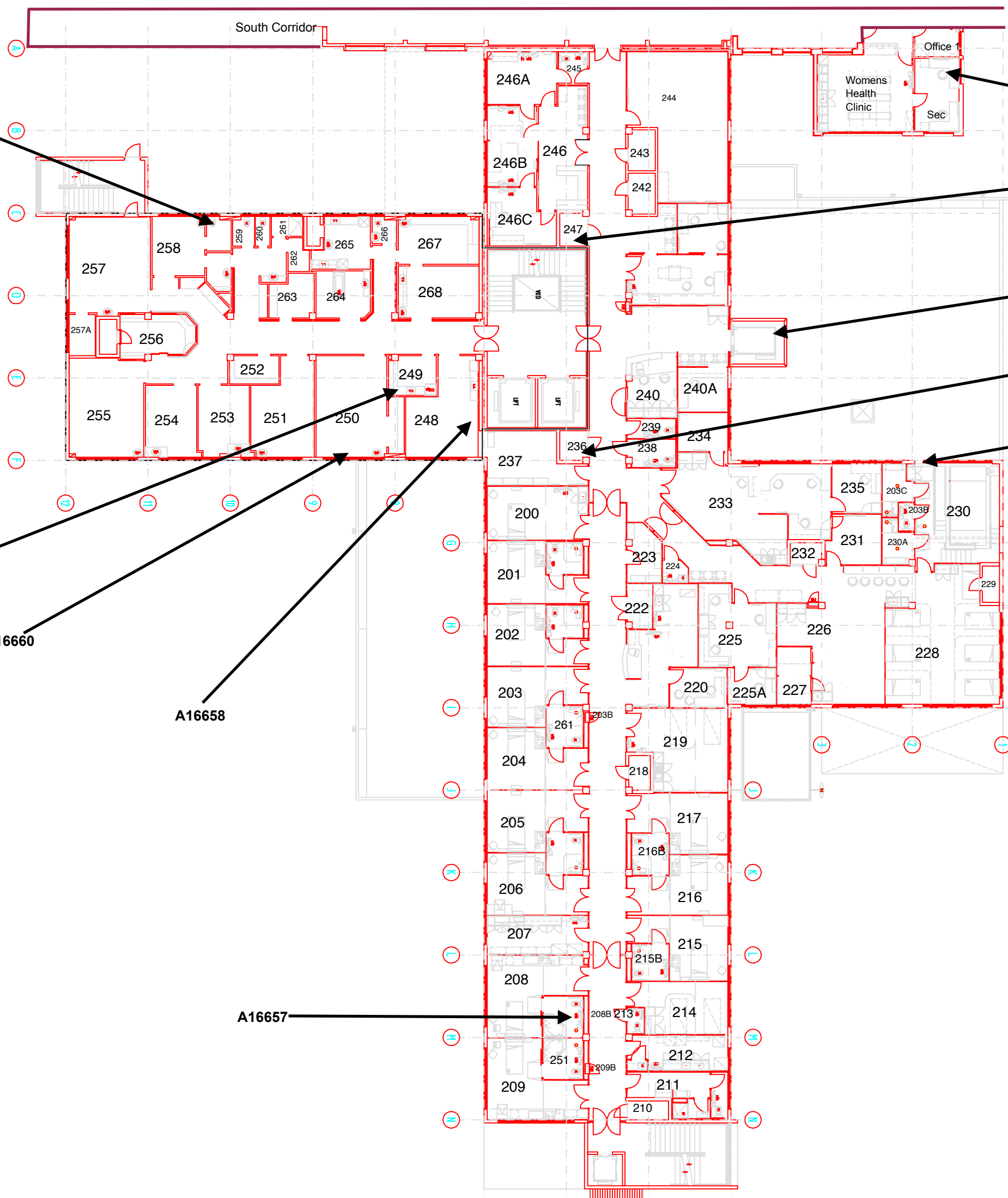
A16656

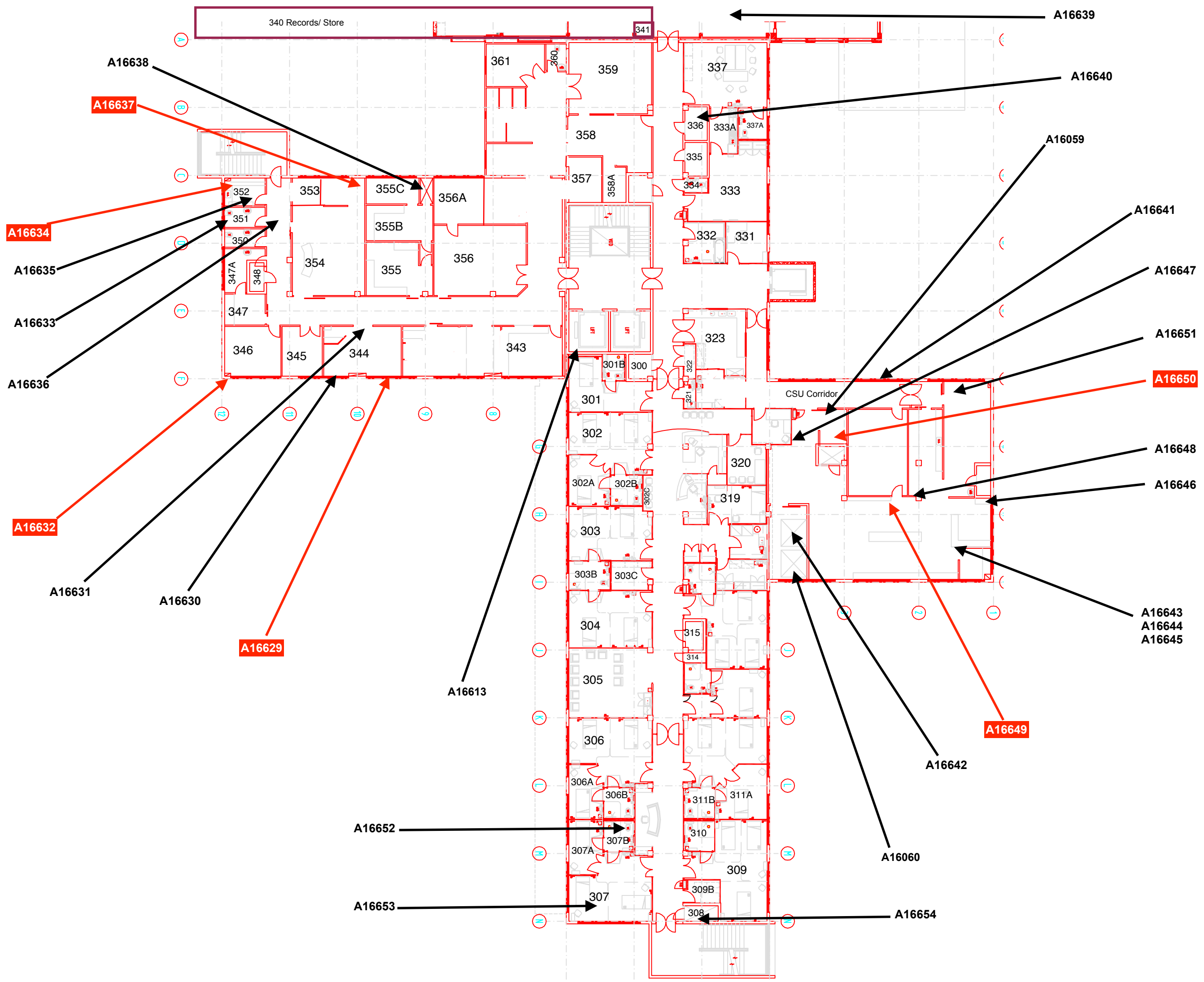
A16659

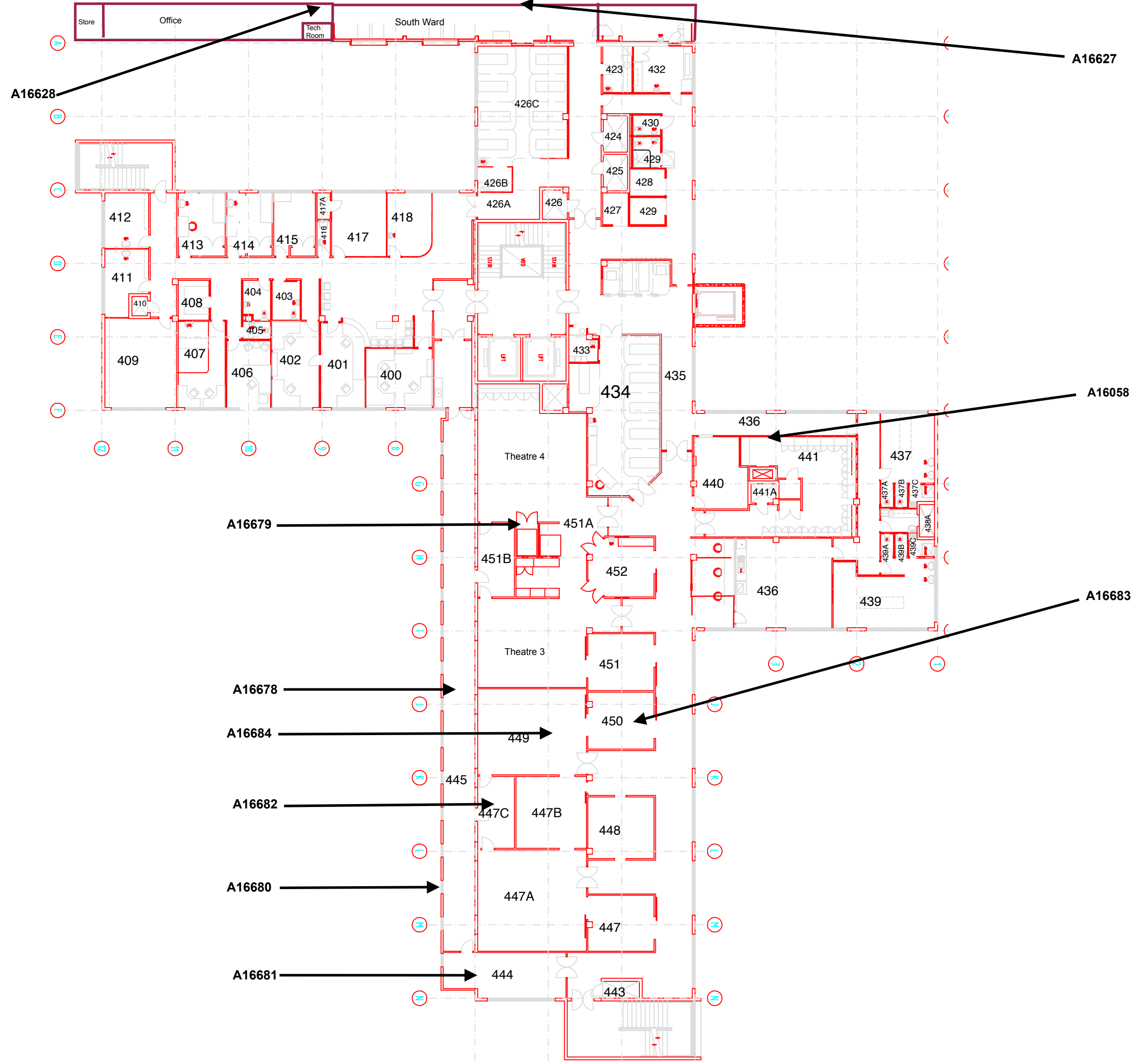
A16660

A16658

A16657







A16628

A16627

A16679

A16678

A16684

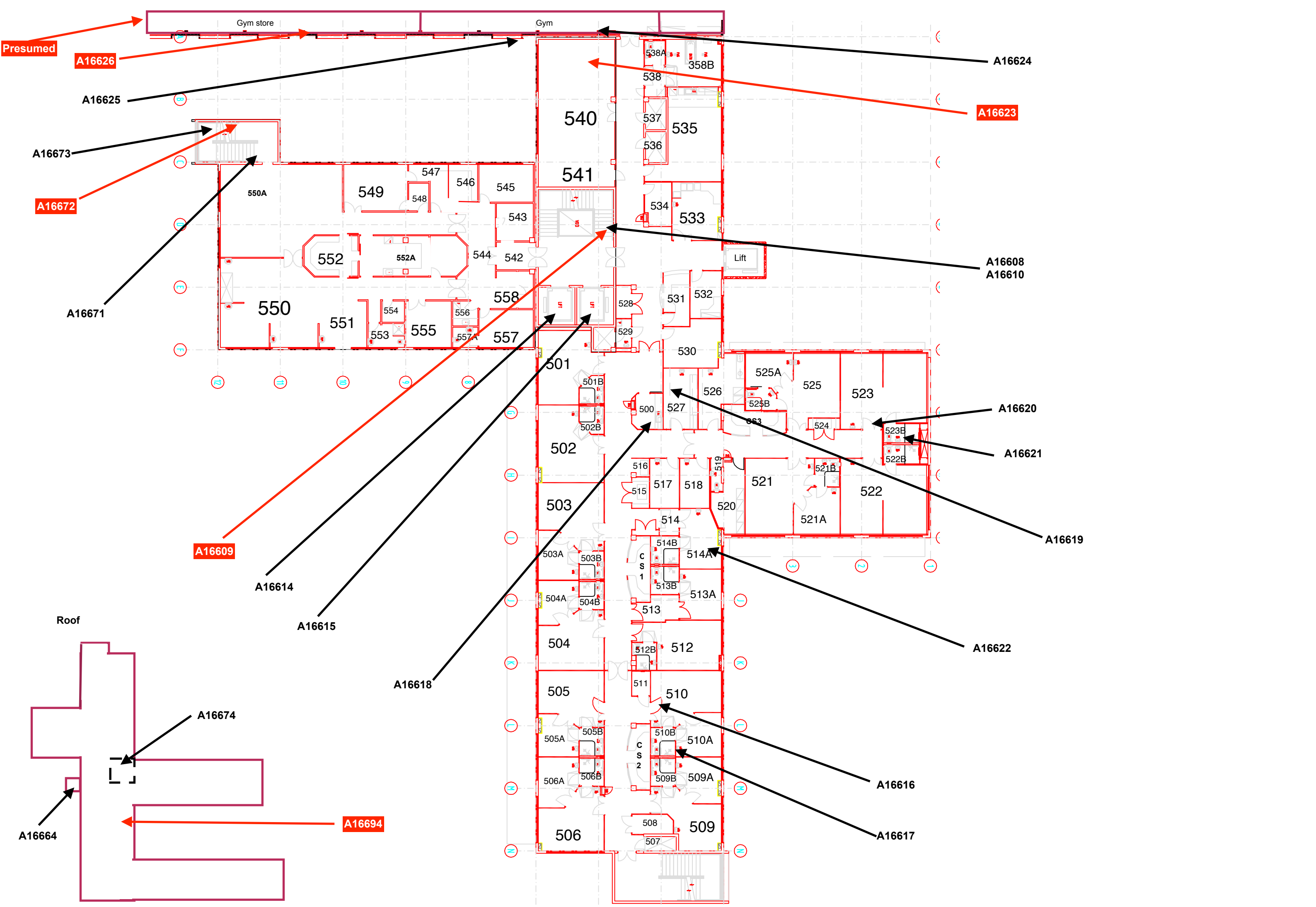
A16682

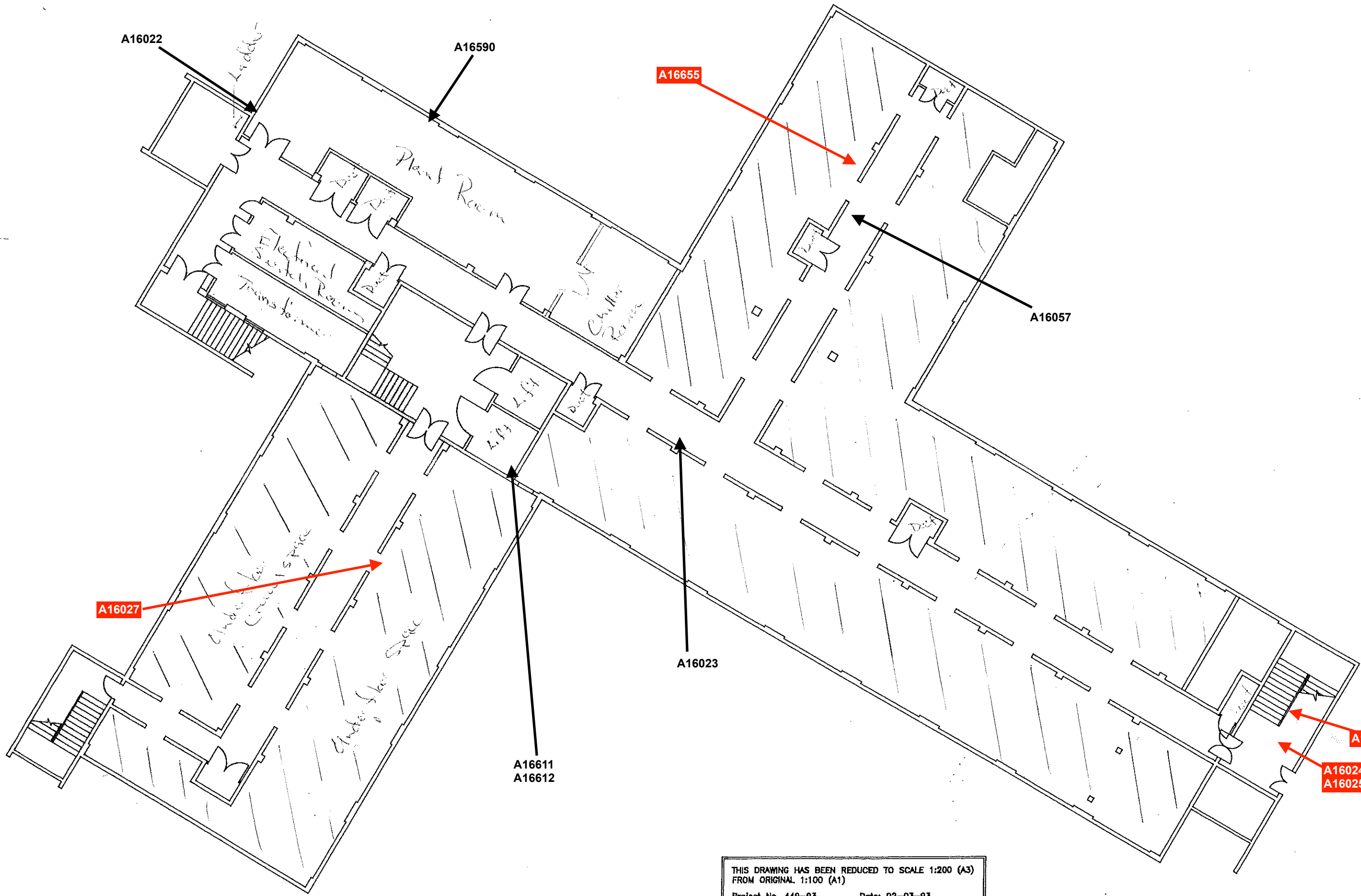
A16680

A16681

A16058

A16683





THIS DRAWING HAS BEEN REDUCED TO SCALE 1:200 (A3)
FROM ORIGINAL 1:100 (A1)
Project No. 449-93 Date: 02-03-93

ISSUE	AMENDMENT	DNH	APPR	DATE

ISSUE	AMENDMENT	DNH	APPR	DATE

T.L. CHECKED	D.S.	DATE



HEALTHBUILD
DESIGN
GROUP

CLIENT	C.A.H.B. F
PROJ. No. 285-92	ACAD FILE U0501001
13-5-1-1	

DRAWING TITLE
TIMARU HOSPITAL
CLINICAL SERVICES
BASEMENT



SCALE 1:100
© 1992 HEALTHBUILD DESIGN GROUP
200 AUCKLAND STREET AUCKLAND

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5607

Client:	Asbestos Environmental Consultants	Date Sampled:	16/11/2018
Client Contact:	Ritchie Bower	Date Received:	16/11/2018
Telephone:	021 023 94186	Date Analysed:	16/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - Bldg 1)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Amendment : 1 Supplement to previous certificate issue

Change to : Site Details

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16022	Not supplied	Debris	1 x 1	NAD, ORF, SMF	No
002	A16023	Not supplied	Bitumastic Material	2 x 2	NAD, ORF	No
003	A16024	Not supplied	Vinyl Tiles	2 x 1	CHR	Yes
004	A16025	Not supplied	Vinyl Tiles	4 x 3	CHR	Yes
005	A16026	Not supplied	Resinous Board	0.5 x 0.5	CHR	Yes
006	A16027	Not supplied	Insulation	6 x 1	CHR, ORF	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5733

Client:	Asbestos Environmental Consultants	Date Sampled:	22/11/2018
Client Contact:	Ritchie Bower	Date Received:	22/11/2018
Telephone:	021 023 94186	Date Analysed:	22/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - Bldg 2)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16608	Not supplied	Vinyl Sheet	4 x 2	NAD, ORF	No
002	A16609	Not supplied	Vinyl Tiles	1 x 1	CHR	Yes
003	A16610	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF	No
004	A16611	Not supplied	Debris	2 x 1	NAD, ORF, SMF	No
005	A16612	Not supplied	Debris	0.4 x 0.4	NAD, ORF, SMF	No
006	A16613	Not supplied	Debris	0.5 x 0.5	NAD, ORF, SMF	No
007	A16614	Not supplied	Debris	0.3 x 0.3	NAD, ORF	No
008	A16615	Not supplied	Debris	0.3 x 0.3	NAD, ORF	No
009	A16616	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
010	A16617	Not supplied	Fibre Cement	0.5 x 1	NAD, ORF	No
011	A16618	Not supplied	Vinyl Sheet	0.7 x 0.7	NAD, ORF	No
012	A16619	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
013	A16620	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
014	A16621	Not supplied	Fibre Cement	0.5 x 1	NAD, ORF	No
015	A16622	Not supplied	Insulation	8 x 0.3	NAD, SMF	No
016	A16623	Not supplied	Vinyl Tiles	3 x 3	CHR	Yes
017	A16624	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
018	A16625	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
019	A16626	Not supplied	Vinyl Tiles	1 x 1	CHR	Yes
020	A16627	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
021	A16628	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
022	A16629	Not supplied	Vinyl Tiles	0.5 x 0.5	CHR	Yes
023	A16630	Not supplied	Vinyl Sheet	1 x 0.5	NAD, ORF	No
024	A16631	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
025	A16632	Not supplied	Vinyl Sheet Backing	2 x 1	CHR, ORF	Yes
026	A16633	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No

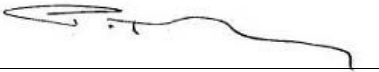
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
027	A16634	Not supplied	Vinyl Sheet Backing	3 x 2	CHR, ORF	Yes
028	A16635	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
029	A16636	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
030	A16637	Not supplied	Fibrous Board	0.3 x 0.3	CHR, AMO , ORF	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5798

Client:	Asbestos Environmental Consultants	Date Sampled:	23/11/2018
Client Contact:	Ritchie Bower	Date Received:	23/11/2018
Telephone:	021 023 94186	Date Analysed:	23/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - Bldg 3)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16638	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
002	A16639	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
003	A16640	Not supplied	Gasket	2 x 0.5	NAD, ORF	No
004	A16641	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
005	A16642	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
006	A16643	Not supplied	Adhesive	1 x 1	NAD, ORF	No
007	A16644	Not supplied	Debris	0.3 x 0.3	NAD, ORF	No
008	A16645	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
009	A16646	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF, SMF	No
010	A16647	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF, SMF	No
011	A16648	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
012	A16649	Not supplied	Backing Material	1 x 1	CHR, ORF	Yes
013	A16650	Not supplied	Fibre Cement	2 x 1	CHR, AMO	Yes
014	A16651	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
015	A16652	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
016	A16653	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
017	A16654	Not supplied	Mastic	2 x 1	NAD, ORF	No
018	A16655	Not supplied	Insulation	5 x 3	AMO	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5890

Client:	Asbestos Environmental Consultants	Date Sampled:	28/11/2018
Client Contact:	Ritchie Bower	Date Received:	28/11/2018
Telephone:	021 023 94186	Date Analysed:	28/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - Bldg 4)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16656	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
002	A16657	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
003	A16658	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
004	A16659	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
005	A16660	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
006	A16661	Not supplied	Debris	0.3 x 0.3	NAD, ORF	No
007	A16662	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
008	A16663	Not supplied	Insulation	1 x 1	NAD, SMF	No
009	A16664	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
010	A16665	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
011	A16666	Not supplied	Bitumastic Material	3 x 1	NAD, ORF	No
012	A16667	Not supplied	Vinyl Sheet	0.5 x 0.5	NAD, ORF	No
013	A16668	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
014	A16669	Not supplied	Vinyl Tiles	2 x 1	CHR	Yes
015	A16670	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
016	A16671	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
017	A16672	Not supplied	Vinyl Sheet	1 x 1	CHR	Yes
018	A16673	Not supplied	Vinyl Sheet	0.5 x 2	NAD, ORF	No
019	A16674	Not supplied	Bitumastic Material	3 x 2	NAD, ORF, SMF	No
020	A16675	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
021	A16676	Not supplied	Textured Coating	1 x 1	NAD, ORF	No
022	A16677	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
023	A16678	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
024	A16679	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
025	A16680	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
026	A16681	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
027	A16682	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
028	A16683	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
029	A16684	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
030	A16685	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
031	A16686	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
032	A16687	Not supplied	Fibre Cement	3 x 2	NAD, ORF	No
033	A16688	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No

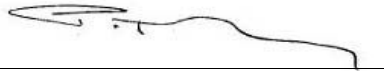
Fibre Identification Legend

CHR Chrysotile (white asbestos)
 AMO Amosite (Brown/Grey asbestos)
 CRO Crocidolite (Blue asbestos)
 UMF Unknown Mineral Fibre

ORF Organic Fibre
 SMF Synthetic Mineral Fibre
 NFD No Fibres Detected
 NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5974

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - Bldg 5)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16694	Not supplied	Bitumastic Material	1 x 1	CHR	Yes
002	A16716	Not supplied	Bitumastic Material	1 x 1	CHR, ORF	Yes
003	A16717	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No

Fibre Identification Legend

CHR Chrysotile (white asbestos)	ORF Organic Fibre
AMO Amosite (Brown/Grey asbestos)	SMF Synthetic Mineral Fibre
CRO Crocidolite (Blue asbestos)	NFD No Fibres Detected
UMF Unknown Mineral Fibre	NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-6211

Client:	Asbestos Environmental Consultants	Date Sampled:	12/12/2018
Client Contact:	Ritchie Bower	Date Received:	13/12/2018
Telephone:	021 023 94186	Date Analysed:	13/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Clinical Services Building - #6)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

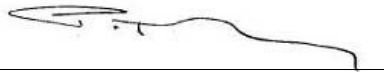
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16057	Not supplied	Dust / Debris	N/A	NAD, ORF	No
002	A16058	Not supplied	Dust / Debris	N/A	NAD, ORF	No
003	A16059	Not supplied	Dust / Debris	N/A	NAD, ORF	No
004	A16060	Not supplied	Dust / Debris	N/A	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Education Centre, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00634 (P1213-005)
Date of survey: 28 November 2018



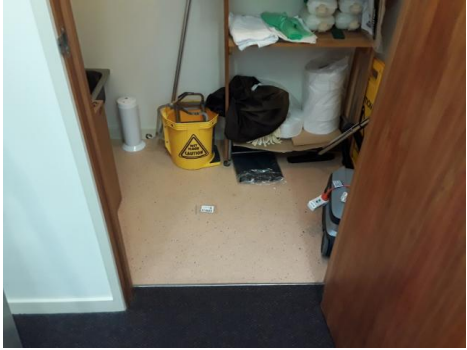

Education Centre, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Cleaners Room (006)	Vinyl Products - Vinyl floor covering - Salmon	A16689	0	-	-	-	-	0	-	A6	
Ground Floor Disabled Toilet (007)	Vinyl Products - Vinyl floor covering - Salmon	Reference A16689	0	-	-	-	-	0	-	A6	
Ground Floor Female Toilet (008)	Vinyl Products - Vinyl floor covering - Salmon	Reference A16689	0	-	-	-	-	0	-	A6	
Ground Floor Male Toilet (009)	Vinyl Products - Vinyl floor covering - Salmon	Reference A16689	0	-	-	-	-	0	-	A6	
Ground Floor Kitchen (010)	Vinyl Products - Vinyl floor covering - Salmon	Reference A16689	0	-	-	-	-	0	-	A6	
External Covered walkway to front of building (020)	Cement Product - Ceiling	A16690	0	-	-	-	-	0	-	A6	
External Perimeter Roof (021)	Cement Product - Eaves	A16691	0	-	-	-	-	0	-	A6	
External Perimeter Walls (022)	Cement Product - Walls	A16692	0	-	-	-	-	0	-	A6	
External Rear Verandah (023)	Cement Product - Ceiling	Reference A16691	0	-	-	-	-	0	-	A6	
External East Walls (024)	Cement Product - Weatherboard Walls	A16693	0	-	-	-	-	0	-	A6	
External Columns (025)	Cement Product - Boxing	Reference A16692	0	-	-	-	-	0	-	A6	

No Access Areas

Education Centre, Timaru Hospital, No intrusive / destructive tinspection echniques used (026)

Photographs

<p>Education Centre, Timaru Hospital</p> <p>Ground Floor Cleaners Room (006)</p> <p>Vinyl floor covering - Salmon - Vinyl Products</p> <p>Sample No. A16689</p> <p>No Asbestos Detected</p>		
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<p>Education Centre, Timaru Hospital</p> <p>External Covered walkway to front of building (020)</p> <p>Ceiling - Cement Product</p> <p>Sample No. A16690</p> <p>No Asbestos Detected</p>		
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<p>Education Centre, Timaru Hospital</p> <p>External Perimeter Roof (021)</p> <p>Eaves - Cement Product</p> <p>Sample No. A16691</p> <p>No Asbestos Detected</p>		
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Education Centre, Timaru Hospital

External Perimeter Walls (022)

Walls - Cement Product

Sample No. A16692

No Asbestos Detected



Education Centre, Timaru Hospital

External East Walls (024)

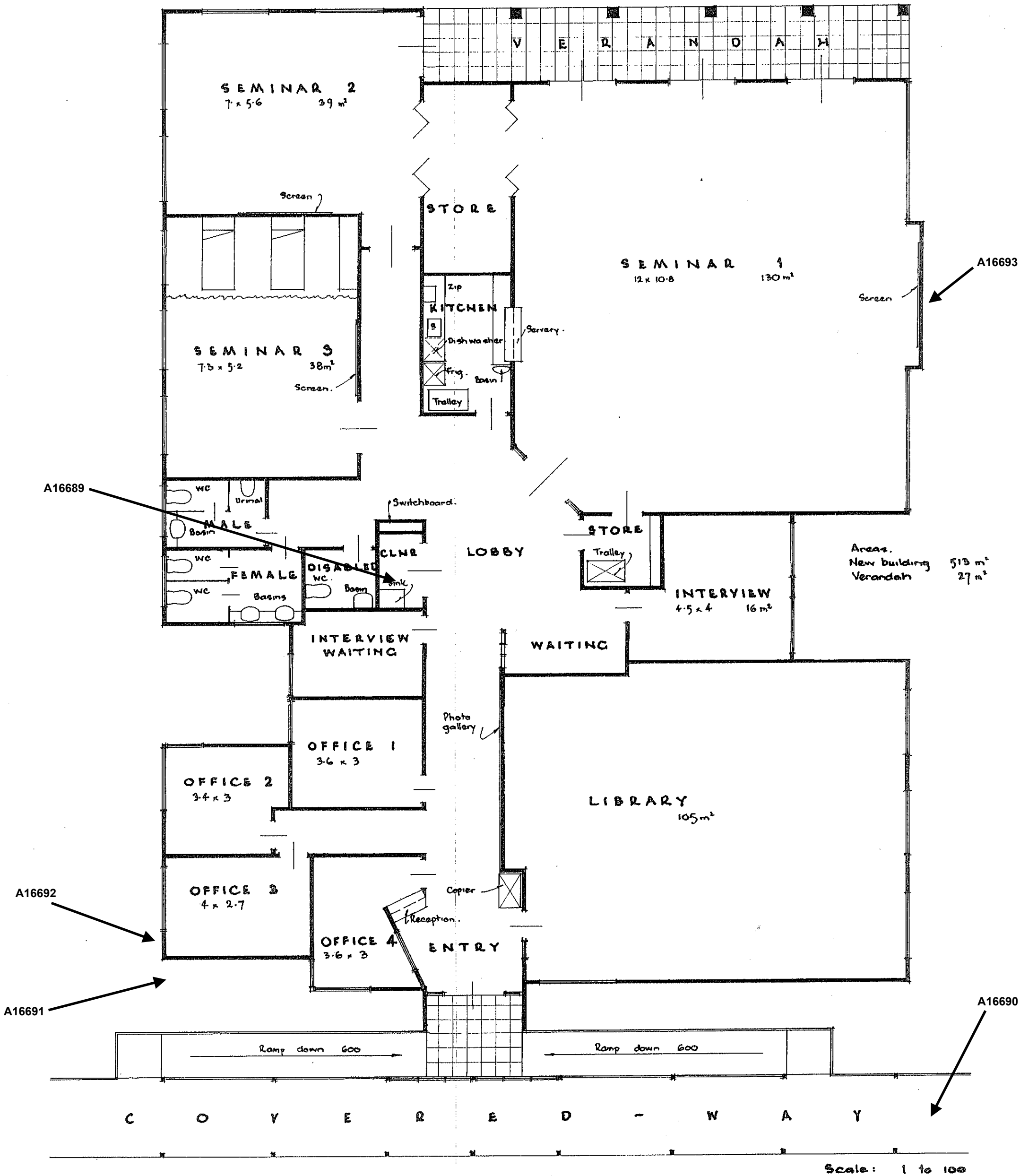
Weatherboard Walls - Cement Product

Sample No. A16693

No Asbestos Detected



Sample Location Site Plans



TIMARU HOSPITAL

PROPOSED EDUCATION FACILITY

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5976

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Education Centre)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.


Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16689	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
002	A16690	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
003	A16691	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
004	A16692	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
005	A16693	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Gardens Block, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00635 (P1213-006)
Date of survey: 29 November to 12 December 2018



Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External North Flat Roof (001)	Bituminous Product - Bitumastic roofing membrane	A16718	1	1	1	2	1	6	~210 m ²	A4	Encapsulation is recommended
External Flat Roof (002)	Woven Product - Outer layer of wrapped pipe insulation to water butt	A16719	0	-	-	-	-	0	-	A6	Present to two water tanks on roof
8th Floor North Stairwell (003)	Vinyl Products - Vinyl floor covering - Grey	A16720	0	-	-	-	-	0	-	A6	
8th Floor North Stairwell (004)	Bituminous Product - Bitumastic adhesive below vinyl floor coverings	A16721	0	-	-	-	-	0	-	A6	Material is exposed where vinyl products are missing. Routine removal is recommended
8th Floor North Stairwell (005)	Vinyl Products - Vinyl step nosing - Blue	A16722	1	0	1	0	2	4	~5 lin m	A5	
7th Floor 07-N05 Store (008)	Vinyl Products - Vinyl floor covering - Red	A16723	0	-	-	-	-	0	-	A6	
7th Floor 07-N08 Penthouse Bathroom (010)	Cement Product - Panels to wall and bath	A16724	0	-	-	-	-	0	-	A6	Modern vinyl floor covering
External 07-1 Penthouse Balcony (021)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
External 07-2 Balcony (022)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
6th Floor 06-N04 Store (029)	Vinyl Products - Vinyl floor covering - Red	Reference A16723	0	-	-	-	-	0	-	A6	
6th Floor 06-N03 Toilet (033)	Cement Product - Panels to wall	Reference A16724	0	-	-	-	-	0	-	A6	Modern vinyl floor covering
6th Floor 06-N13 Toilet (037)	Cement Product - Panels to wall	Reference A16724	0	-	-	-	-	0	-	A6	Modern vinyl floor covering

Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External 06-2 Balcony (038)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building. Visual inspection through window only due to stored items
External 06-1 Balcony (044)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
6th Floor Electrics cupboard (049)	Electrical Mounting Board - Electrical Mounting Board	A16726	1	0	1	0	0	2	1 no	A5	
5th Floor 05-N09 Ceiling void (063)	Bituminous Product - Bitmastic packer to timberwork in ceiling void	A16728	0	-	-	-	-	0	-	A6	Presume packers to be present as a similar building application throughout the building
5th Floor 05-N05 Store (065)	Vinyl Products - Vinyl floor covering - Red	Reference A16723	0	-	-	-	-	0	-	A6	
5th Floor 05-N06 Riser Cupboard (066)	Insulation - Residues to pipework	A16727	0	-	-	-	-	0	-	A6	Residues are present to uninsulated pipes throughout the building
External 05-1 Balcony (069)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
External 05-2 Balcony (079)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
5th Floor 05-N27 Electrics cupboard (089)	Electrical Mounting Board - Electrical Mounting Board	Reference A16726	1	0	1	0	0	2	1 no	A5	
4th Floor 04-N04 Store (098)	Vinyl Products - Vinyl floor covering - Red	Reference A16723	0	-	-	-	-	0	-	A6	
External 04-1 Balcony (103)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building

Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
4th Floor 04-N15 Toilet (110)	Cement Product - Panels to wall	A16729	0	-	-	-	-	0	-	A6	Modern vinyl floor coverings
External 04-2 Balcony (111)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
3rd Floor 03-N04 (132)	Vinyl Products - Vinyl floor covering - beige	A16730	0	-	-	-	-	0	-	A6	
External 03-01 Balcony (137)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
3rd Floor 03-N13b Toilet / Shower (141)	Cement Product - Panels to wall	Reference A16729	0	-	-	-	-	0	-	A6	Modern vinyl floor coverings
3rd Floor 03-N13a Toilet (143)	Cement Product - Panels to wall	Reference A16729	0	-	-	-	-	0	-	A6	Modern vinyl floor coverings
External 03-02 Balcony (165)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
2nd Floor 02-N04 Store (168)	Vinyl Products - Vinyl floor covering - Red	Reference A16723	0	-	-	-	-	0	-	A6	
2nd Floor 02-N06 Accessible Toilet (171)	Cement Product - Panels to wall	Reference A16729	0	-	-	-	-	0	-	A6	Modern vinyl floor coverings
External 02-01 Balcony (174)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
External 02-02 Balcony (178)	Bituminous Product - Bitumastic roofing membrane below synthetic membrane to floor	Reference A16725	0	-	-	-	-	0	-	A6	Presume to be present as same building application throughout the building
2nd Floor 02-N15 Accessible Toilet (185)	Cement Product - Panels to wall	Reference A16729	0	-	-	-	-	0	-	A6	Modern vinyl floor coverings

Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 02-N31 Toilet Riser (195)	Insulation - Residues to walls	A16748	2	3	3	3	2	13	NQ	A2	Material is present immediately adjacent access door and is likely to be disturbed when accessing the riser. Presume residues to be present to rear of SMF insulation to vertical pipe run directly in front of access door
1st Floor 01-N04 Store (207)	Vinyl Products - Vinyl floor covering - Grey	A16731	0	-	-	-	-	0	-	A6	
1st Floor 01-N11 SLT, Riser cupboard (219)	Bituminous Product - Bitmastic packer to timberwork adjacent door	A16732	0	-	-	-	-	0	-	A6	Presume packers to be present as a similar building application throughout the building
1st Floor 01-N09 Accessible Toilet (220)	Vinyl Products - Vinyl floor covering - Pale Green	A16733	0	-	-	-	-	0	-	A6	
External L1 West wall (222)	Cement Product - Infill panels to Wall	A16734	0	-	-	-	-	0	-	A6	
External East side, North end Porch (224)	Cement Product - Porch Ceiling	A16735	0	-	-	-	-	0	-	A6	
External Perimeter walls (224)	Painted Surface - Paint to walls	A16736	0	-	-	-	-	0	-	A6	
4th Floor North Lift (227)	Vinyl Products - Vinyl floor Tiles	A16744	0	-	-	-	-	0	-	A6	
External South Flat Roof (228)	Bituminous Product - Bitumastic roofing membrane	Reference A16718	1	1	1	2	1	6	~120 m ²	A4	Encapsulation is recommended
7th Floor South side lift motor room (230)	Friction Material - Brake linings to lift motor	A16745	1	0	1	0	1	3	2 no	A5	
7th Floor South side lift motor room (231)	Electrical Mounting Board - Electrical Mounting Board	A16746	1	0	1	0	0	2	1 no	A5	
7th Floor South side lift motor room (232)	Cement Product - Flash guard panels in electrical cabinet	Presumed	1	0	1	1	0	3	~12 no	A5	

Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
2nd Floor 02-N31 Toilet Riser (234)	Insulation - Residues within tunnel below building	Reference A16018	2	3	3	3	1	12	NQ	A2	Tunnels below building and sample A16018 certification are documented in the tunnels report
2nd Floor 02-N31 Toilet Riser (235)	Insulation - Residues to walls	A16747	3	3	3	3	0	12	NQ	A2	
3rd Floor 03-N23 Toilet Riser (236)	Insulation - Residues to walls adjacent pipes and to hanger to rear of pipes	A16749	2	3	3	3	1	12	NQ	A2	Presume residues to be present to rear of SMF insulation to vertical pipe run directly in front of access door
4th Floor 04-N27 Toilet Riser (237)	Insulation - Residues to walls	A16750	2	3	3	3	2	13	NQ	A2	Material is present immediately adjacent access door and is likely to be disturbed when accessing the riser. Presume residues to be present to rear of SMF insulation to vertical pipe run directly in front of access door
5th Floor 05-N28 IT Room Riser (238)	Insulation - Residues to walls	A16751	2	3	3	3	2	13	NQ	A2	Material is present immediately adjacent access door and is likely to be disturbed when accessing the riser. Presume residues to be present to rear of SMF insulation to vertical pipe run directly in front of access door
6th Floor 06-N25 Riser (239)	Insulation - Residues to walls	A16752	0	-	-	-	-	0	-	A6	Material is present immediately adjacent access door / ladder and is likely to be disturbed when accessing the riser. Presume residues to be present to rear of SMF insulation to vertical pipe run directly in front of access door

Gardens Block, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
6th Floor 06-N25 Riser (241)	Insulation - Residues to walls	Presumed	2	3	3	3	2	13	NQ	A2	Sampled material within riser (A16751) returned a negative result however most other residues returned positive. Presume further residues and contamination to walls and to rear of SMF to pipework within the riser to contain asbestos.
Risers generally	Insulation - Residues to walls, the presence of residue in risers means it is likely contamination may exist throughout these areas	Presumed	2	3	3	3	2	13	NQ	A2	Sampled material within riser (A16751) returned a negative result however most other residues returned positive. Presume further residues and contamination to walls and to rear of SMF to pipework within the riser to contain asbestos.
6th Floor South Riser (500)	Dust Sample - Swap collected from horizontal surface over riser void	A16061	0	-	-	-	-	0	-	A6	
5th Floor South Riser (501)	Dust Sample - Swap collected from horizontal surface over riser void	A16062	0	-	-	-	-	0	-	A6	
4th Floor South Riser (502)	Dust Sample - Swap collected from horizontal surface over riser void	A16063	0	-	-	-	-	0	-	A6	
3rd Floor South Riser (503)	Dust Sample - Swap collected from horizontal surface over riser void	A16064	0	-	-	-	-	0	-	A6	

No Access Areas

Gardens Block, Timaru Hospital, No intrusive / destructive inspection techniques used (242)

Gardens Block, Timaru Hospital, 3rd Floor Ceiling void (167) - Extremely limited inspection within ceiling void throughout south side of level, only access to rear of fixed ceilings and fixed tiles was in the female toilet

Gardens Block, Timaru Hospital, 3rd Floor Ceiling void (205) - Extremely limited inspection within ceiling void throughout south side of level

Gardens Block, Timaru Hospital, 4th Floor Ceiling void (130) - Extremely limited inspection within ceiling void throughout south side of level, only access to rear of fixed ceilings and fixed tiles was in the female toilet

Gardens Block, Timaru Hospital, 5th Floor 05-N29 Cleaner (091)

Gardens Block, Timaru Hospital, 5th Floor Ceiling void (097) - Extremely limited inspection within ceiling void throughout south side of level, only access to rear of fixed ceilings and fixed tiles was in the female toilet

Gardens Block, Timaru Hospital, 6th Floor 06-E29 (054)

Gardens Block, Timaru Hospital, 6th Floor 06-E28 Omitted (055)

Gardens Block, Timaru Hospital, 6th Floor Ceiling void (062) - Extremely limited inspection within ceiling void throughout level, only access to rear of fixed ceilings and fixed tiles was in the female toilet

Gardens Block, Timaru Hospital, 8th Floor North side lift motor room (233)

Gardens Block, Timaru Hospital, External Access to subfloor (221) - Paint sealed

Photographs

Gardens Block, Timaru Hospital

External North Flat Roof (001)

Bitumastic roofing membrane -
Bituminous Product

Sample No. A16718

Chrysotile



Gardens Block, Timaru Hospital

External Flat Roof (002)

Outer layer of wrapped pipe
insulation to water butt - Woven
Product

Sample No. A16719

No Asbestos Detected



Gardens Block, Timaru Hospital

8th Floor North Stairwell (003)

Vinyl floor covering - Grey -
Vinyl Products


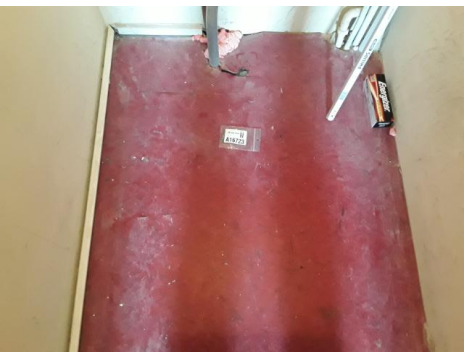
Sample No. A16720



No Asbestos Detected





<p>Gardens Block, Timaru Hospital</p> <p>8th Floor North Stairwell (004)</p> <p>Bitumastic adhesive below vinyl floor coverings - Bituminous Product</p> <p>Sample No. A16721</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>8th Floor North Stairwell (005)</p> <p>Vinyl step nosing - Blue - Vinyl Products</p> <p>Sample No. A16722</p> <p>Chrysotile</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>7th Floor 07-N05 Store (008)</p> <p>Vinyl floor covering - Red - Vinyl Products</p> <p>Sample No. A16723</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>7th Floor 07-N08 Penthouse Bathroom (010)</p> <p>Panels to wall and bath - Cement Product</p> <p>Sample No. A16724</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>External 07-1 Penthouse Balcony (021)</p> <p>Bitumastic roofing membrane below synthetic membrane to floor - Bituminous Product</p> <p>Sample No. A16725</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>6th Floor Electrics cupboard (049)</p> <p>Electrical Mounting Board - Electrical Mounting Board</p> <p>Sample No. A16726</p> <p>Chrysotile</p>		
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Gardens Block, Timaru Hospital

5th Floor 05-N09 Ceiling void (063)

Bitmastic packer to timberwork in ceiling void - Bituminous Product

Sample No. A16728

No Asbestos Detected



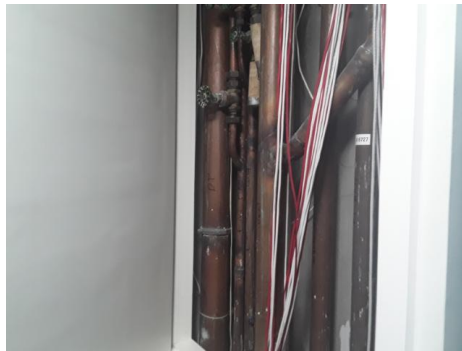
Gardens Block, Timaru Hospital

5th Floor 05-N06 Riser Cupboard (066)

Residues to pipework - Insulation

Sample No. A16727

No Asbestos Detected



Gardens Block, Timaru Hospital


4th Floor 04-N15 Toilet (110)

Panels to wall - Cement Product

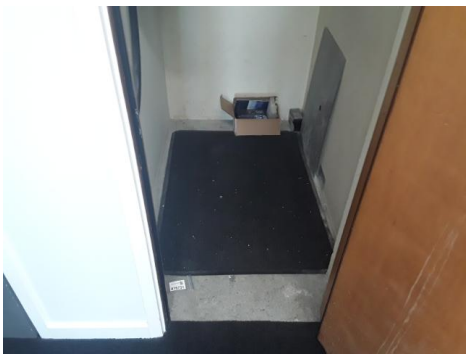

Sample No. A16729



No Asbestos Detected





<p>Gardens Block, Timaru Hospital</p> <p>3rd Floor 03-N04 (132)</p> <p>Vinyl floor covering - beige - Vinyl Products</p> <p>Sample No. A16730</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>2nd Floor 02-N31 Toilet Riser (195)</p> <p>Residues to walls - Insulation</p> <p>Sample No. A16748</p> <p>Amosite</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>1st Floor 01-N04 Store (207)</p> <p>Vinyl floor covering - Grey - Vinyl Products</p> <p>Sample No. A16731</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>1st Floor 01-N11 SLT, Riser cupboard (219)</p> <p>Bitmastic packer to timberwork adjacent door - Bituminous Product</p> <p>Sample No. A16732</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>1st Floor 01-N09 Accessible Toilet (220)</p> <p>Vinyl floor covering - Pale Green - Vinyl Products</p> <p>Sample No. A16733</p> <p>No Asbestos Detected</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>External L1 West wall (222)</p> <p>Infill panels to Wall - Cement Product</p> <p>Sample No. A16734</p> <p>No Asbestos Detected</p>		
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Gardens Block, Timaru Hospital

External Perimeter walls (224)

Paint to walls - Painted Surface

Sample No. A16736

No Asbestos Detected



Gardens Block, Timaru Hospital

External East side, North end
Porch (224)

Porch Ceiling - Cement Product

Sample No. A16735

No Asbestos Detected



Gardens Block, Timaru Hospital

4th Floor North Lift (227)

Vinyl floor Tiles - Vinyl Products

Sample No. A16744

No Asbestos Detected



Gardens Block, Timaru Hospital

7th Floor South side lift motor room (230)

Brake linings to lift motor - Friction Material

Sample No. A16745

Chrysotile



Gardens Block, Timaru Hospital

7th Floor South side lift motor room (231)

Electrical Mounting Board - Electrical Mounting Board

Sample No. A16746

Chrysotile



Gardens Block, Timaru Hospital

7th Floor South side lift motor room (232)

Flash guard panels in electrical cabinet - Cement Product

Sample No. Presumed

Chrysotile



<p>Gardens Block, Timaru Hospital</p> <p>2nd Floor 02-N31 Toilet Riser (235)</p> <p>Residues to walls - Insulation</p> <p>Sample No. A16747</p> <p>Crocidolite & Amosite</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>3rd Floor 03-N23 Toilet Riser (236)</p> <p>Residues to walls adjacent pipes and to hanger to rear of pipes - Insulation</p> <p>Sample No. A16749</p> <p>Amosite</p>		
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<p>Gardens Block, Timaru Hospital</p> <p>4th Floor 04-N27 Toilet Riser (237)</p> <p>Residues to walls - Insulation</p> <p>Sample No. A16750</p> <p>Amosite</p>		
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Gardens Block, Timaru Hospital

5th Floor 05-N28 IT Room Riser
(238)

Residues to walls - Insulation

Sample No. A16751

Amosite



Gardens Block, Timaru Hospital

6th Floor 06-N25 Riser (239)

Residues to walls - Insulation

Sample No. A16752

No Asbestos Detected



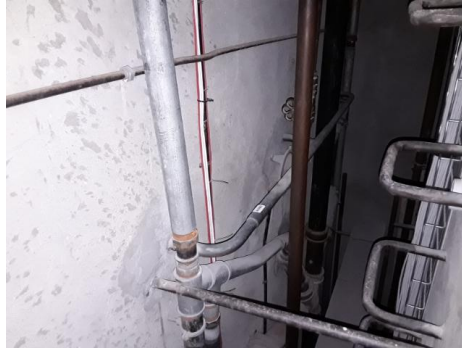
Gardens Block, Timaru Hospital

6th Floor South Riser (500)

Swab collected from horizontal surface over riser void - Dust Sample

Sample No. A16061

No Asbestos Detected



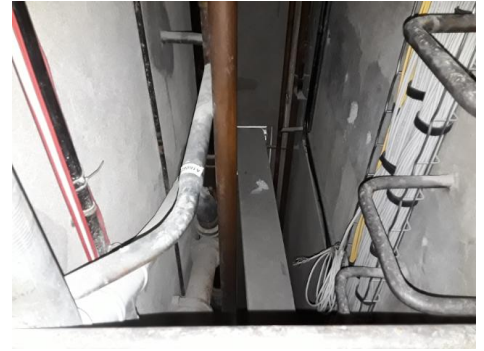
Gardens Block, Timaru Hospital

5th Floor South Riser (501)

Swab collected from horizontal surface over riser void - Dust Sample

Sample No. A16062

No Asbestos Detected



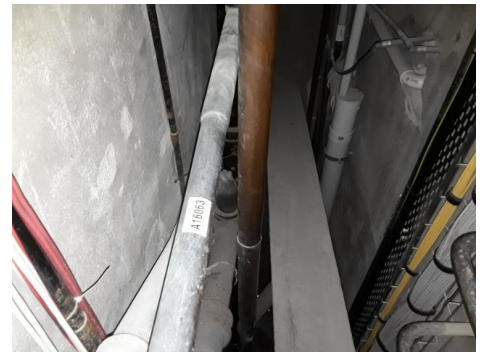
Gardens Block, Timaru Hospital

4th Floor South Riser (502)

Swab collected from horizontal surface over riser void - Dust Sample

Sample No. A16063

No Asbestos Detected



Gardens Block, Timaru Hospital

3rd Floor South Riser (503)

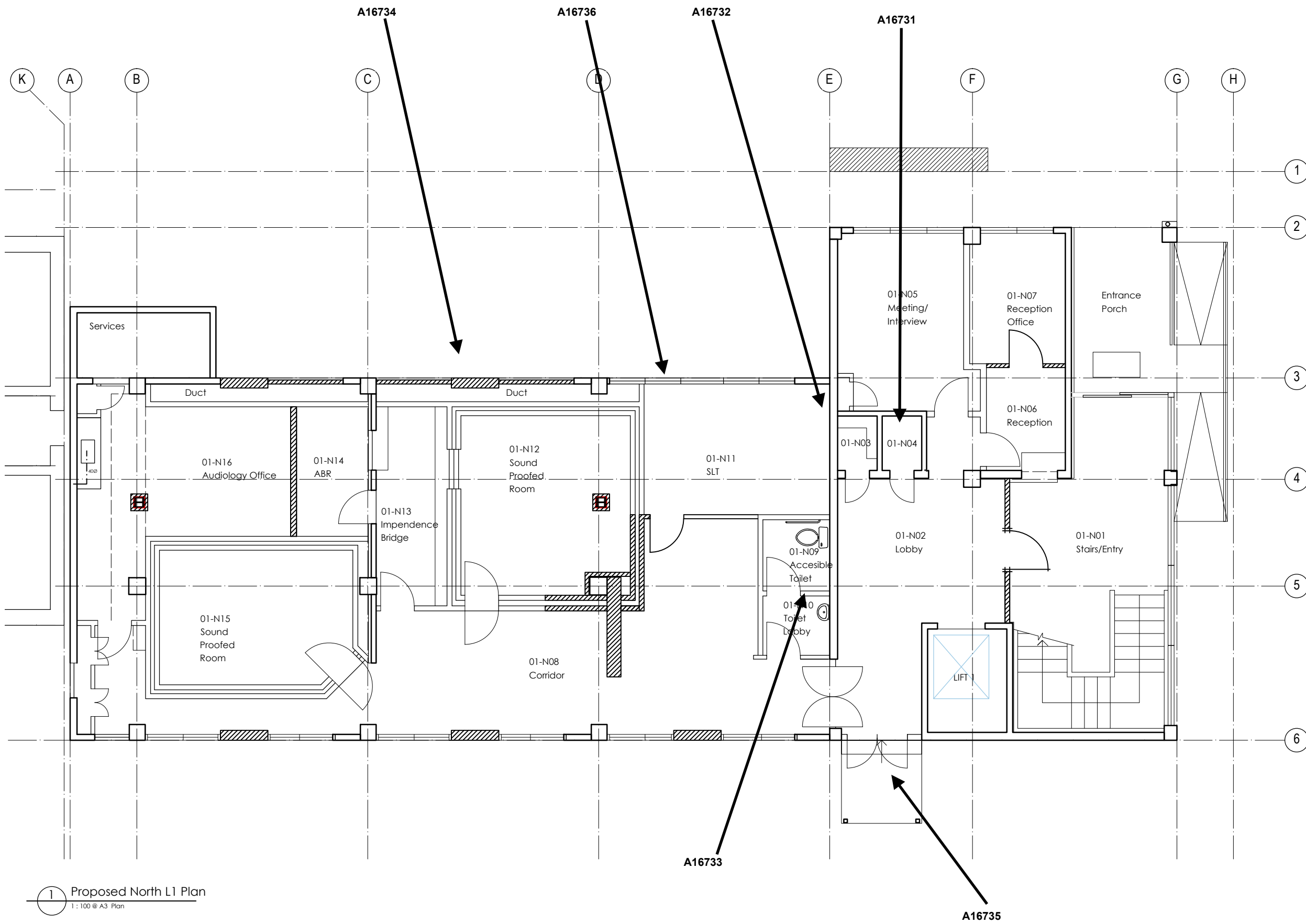
Swab collected from horizontal
surface over riser void - Dust
Sample

Sample No. A16064

No Asbestos Detected



Sample Location Site Plans



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
 4. All work shall be of the best trade Practice.
 5. Do not scale from this drawing. Use only figured dimensions. The contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.

Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Information

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 1 Plan

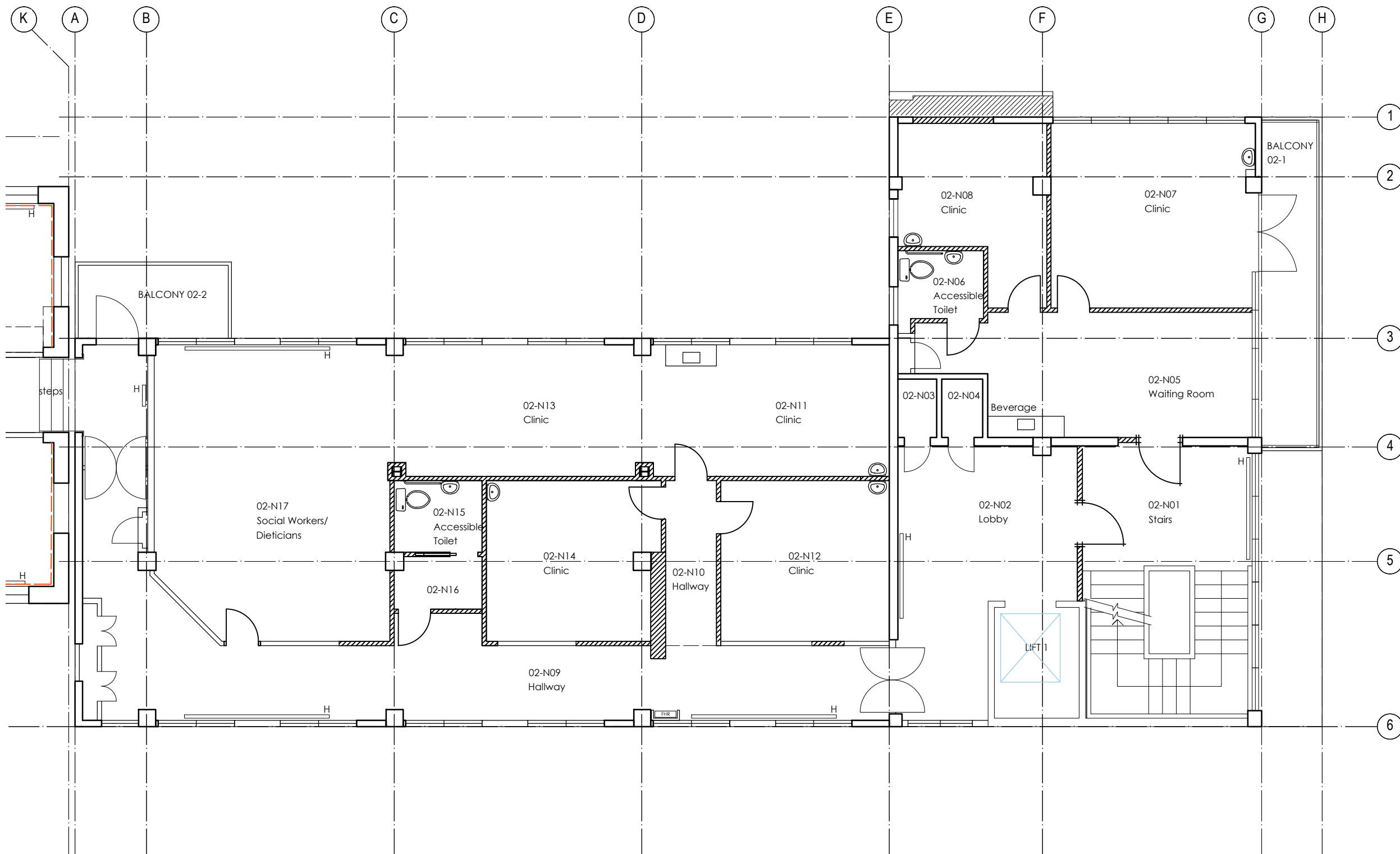
CAD File:
Scales: 1:100 @ A3 Date: Mar 14 Drawn: AW

Designed: MA Checked: -
Job No. S742 Drawing No. T01 Revision No. 1

DLA ARCHITECTS LIMITED
www.dla.co.nz
12a Royal Arcade, Timaru.
Ph. (03) 683 1300

1 Proposed North L1 Plan
1:100 @ A3 Plan

FOR INFORMATION



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
 4. All work shall be of the best trade Practice.
 5. Do not scale from this drawing. Use only figured dimensions. The contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.

Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	14.03.14	For Information

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 2 Plan

Scales: 1:100 @ A3	Date: Mar 14	Drawn: AW
	Designed: MA	Checked: -

Job No. S742	Drawing No. T03	Revision No. 1
-----------------	--------------------	-------------------

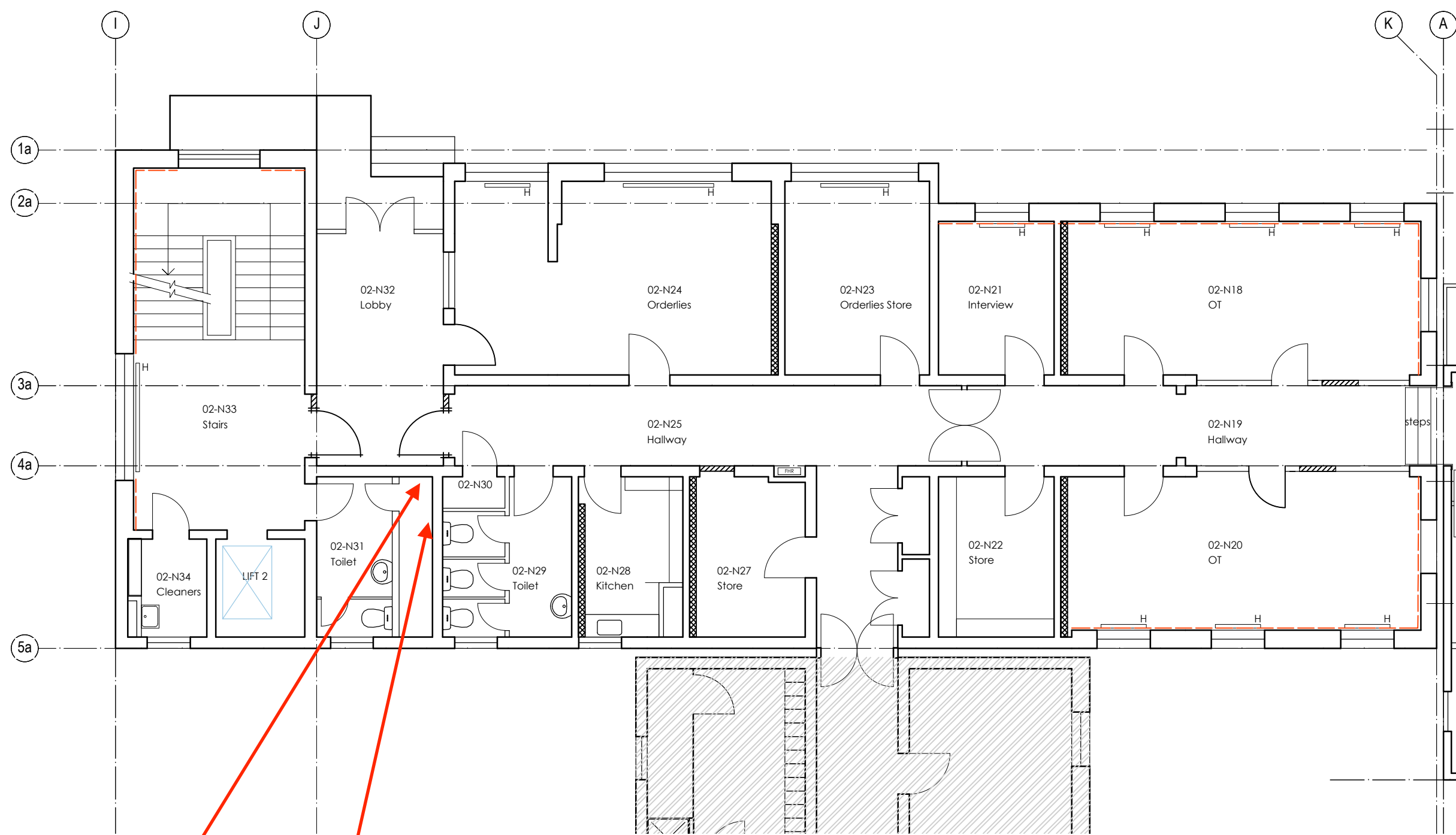
1 Proposed North L2 Plan
1:100 @ A3 Plan

FOR INFORMATION

- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
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Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- New wall mounted radiator heater



REV	DATE	DETAILS
1	01.07.15	For Information
0	14.03.14	For Information

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed South Level 2 Plan

CAD File:

Scales: 1:100 @ A3 Date: Mar 14 Drawn: AW

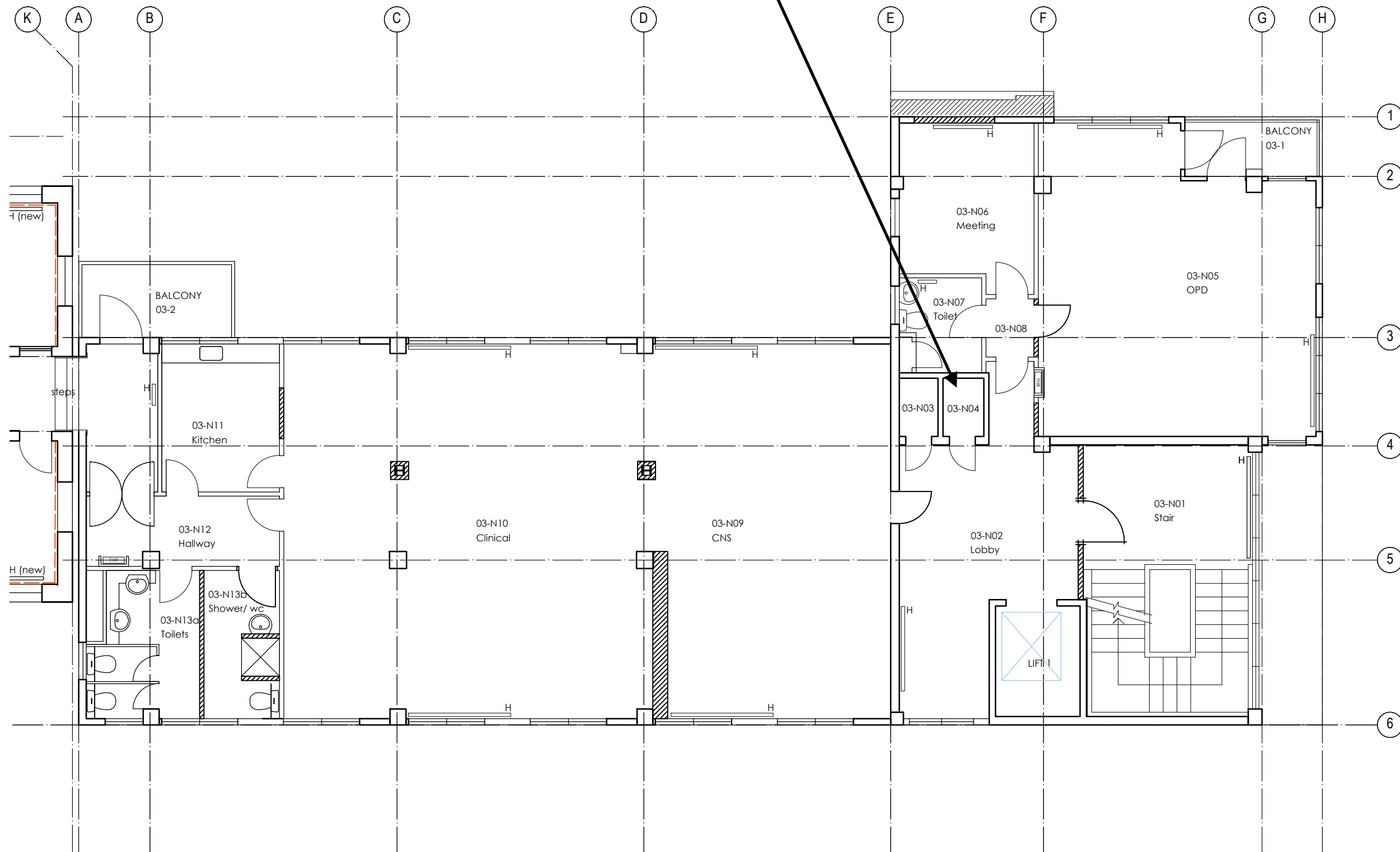
Designed: MA Checked: -

Job No. S742 Drawing No. T04 Revision No. 1

1 Proposed South L2 Plan
1:100 @ A3 Plan

FOR INFORMATION

A16730



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
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Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 3 Plan

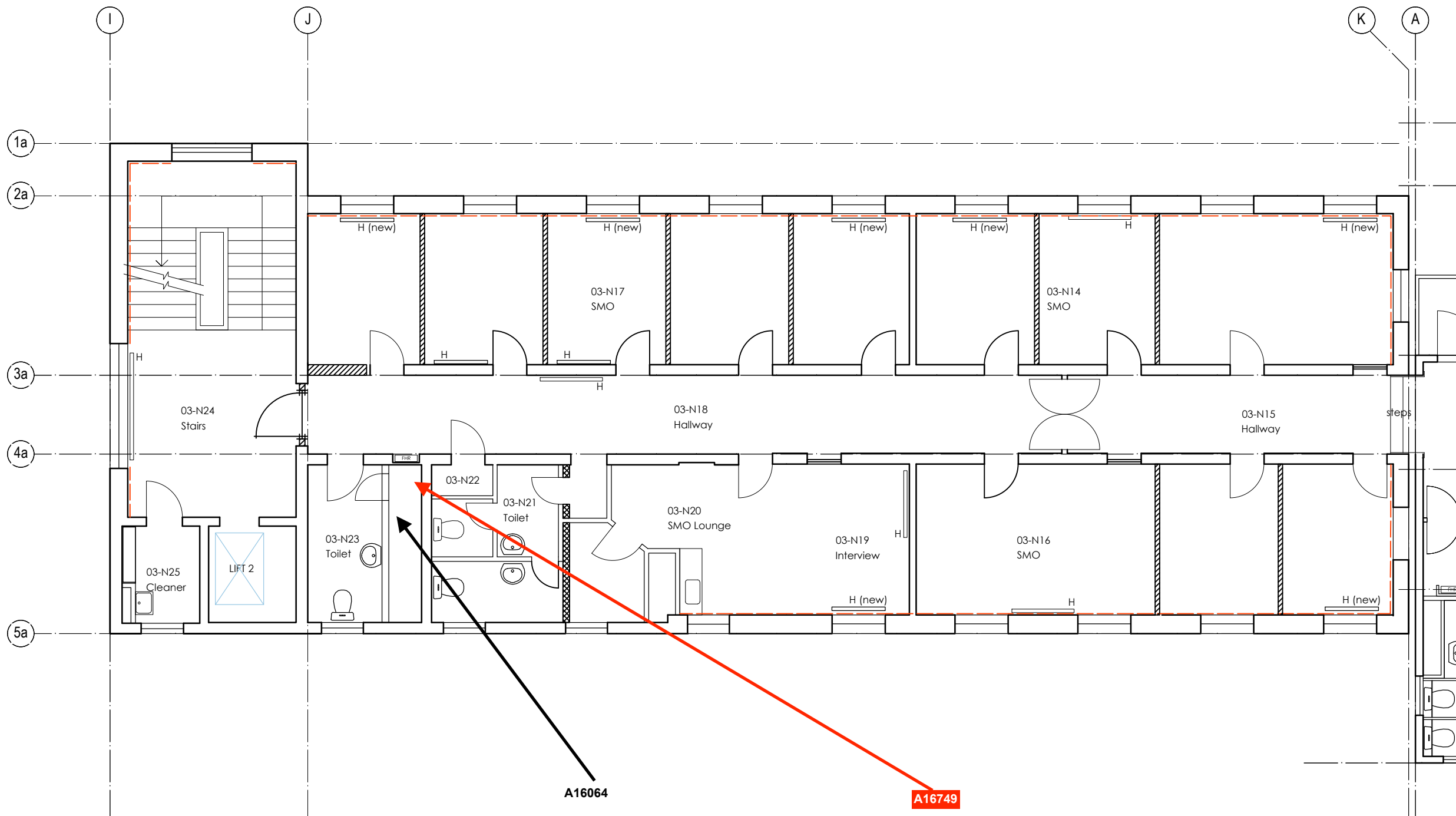
CAD File:

Scales:	Date:	Drawn:
1:100 @ A3	Mar 14	AW
	Designed:	Checked:
	MA	-

Job No.	Drawing No.	Revision No.
S742	T05	1

1 Proposed North L3 Plan
1:100 @ A3 Plan

FOR INFORMATION



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
 4. All work shall be of the best trade Practice.
 5. Do not scale from this drawing. Use only figured dimensions. The contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.

Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed South Level 3 Plan

CAD File:

Scales:	Date:	Drawn:
1:100 @ A3	Mar 14	AW
	Designed:	Checked:
	MA	-

Job No.	Drawing No.	Revision No.
S742	T06	1

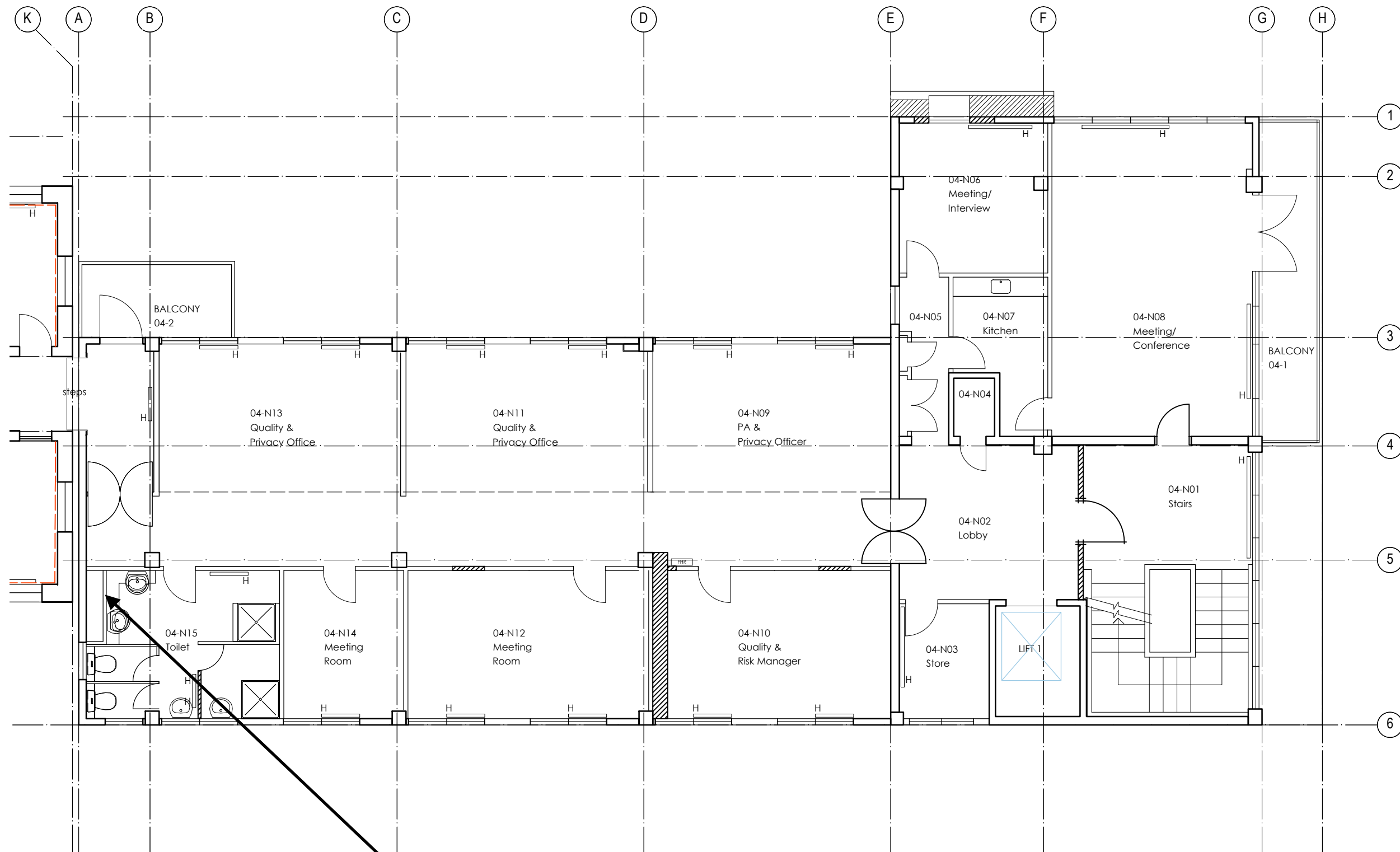
1 Proposed South L3 Plan
1:100 @ A3 Plan

FOR INFORMATION

- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
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Legend:

- Existing wall & door
- Demolished wall & door
- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
- Strip existing finishes to column ready for new mesh wrapping - to structural engineer detail
- Existing wall mounted radiator heater
- H (new)



REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
Do not scale from this drawing. Use only figured dimensions.
The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.
The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 4 Plan

CAD File:

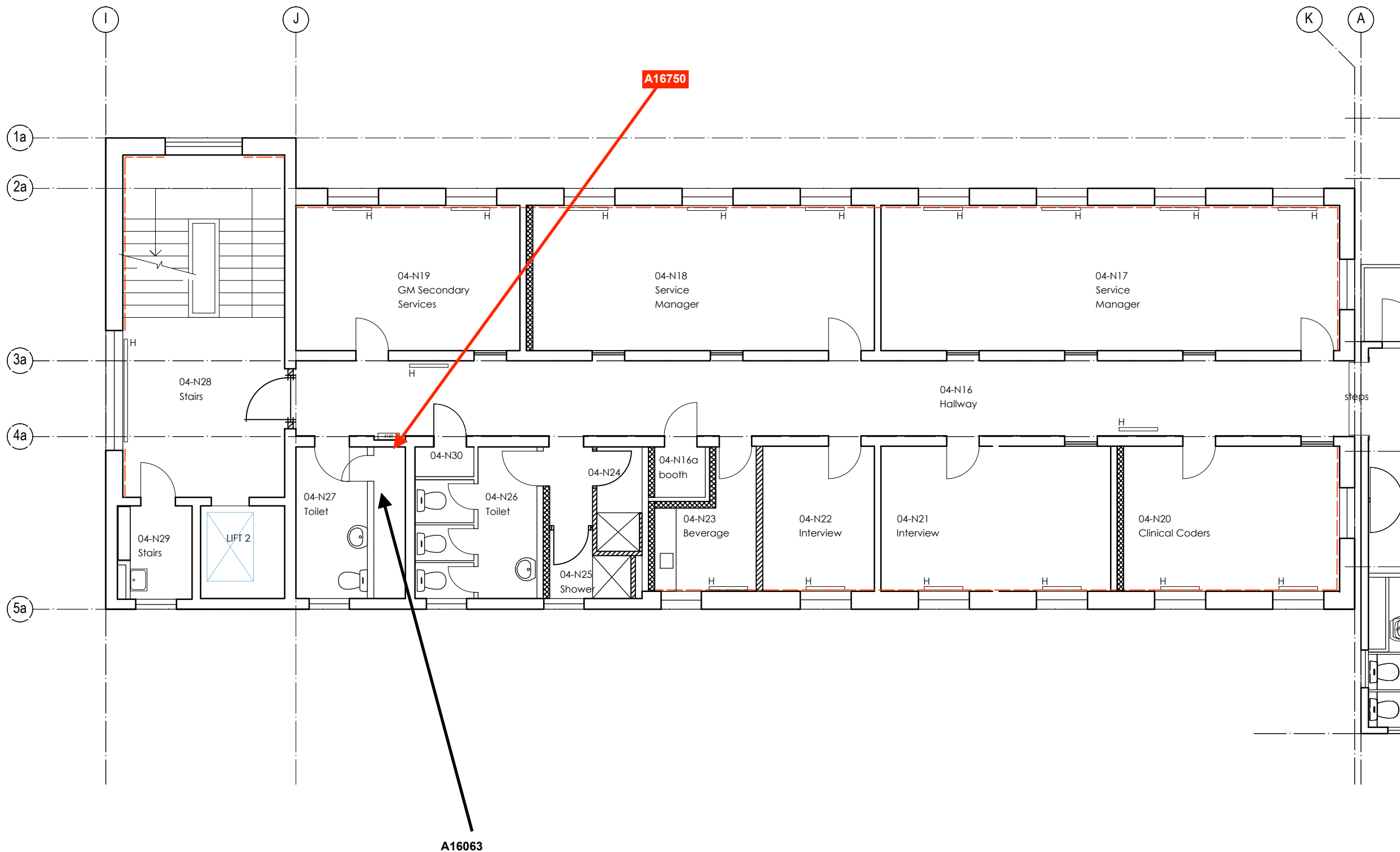
Scales:	Date:	Drawn:
1:100 @ A3	Mar 14	AW
	Designed:	Checked:
	MA	-

Job No.	Drawing No.	Revision No.
S742	T07	1

1 Proposed North L4 Plan
1:100 @ A3 Plan

FOR INFORMATION

A16729



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
 3. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authorities Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
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 5. Do not scale from this drawing. Use only figured dimensions. The contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.

Legend:

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- Existing wall mounted radiator heater
- H (new)

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
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The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed South Level 4 Plan

CAD File:

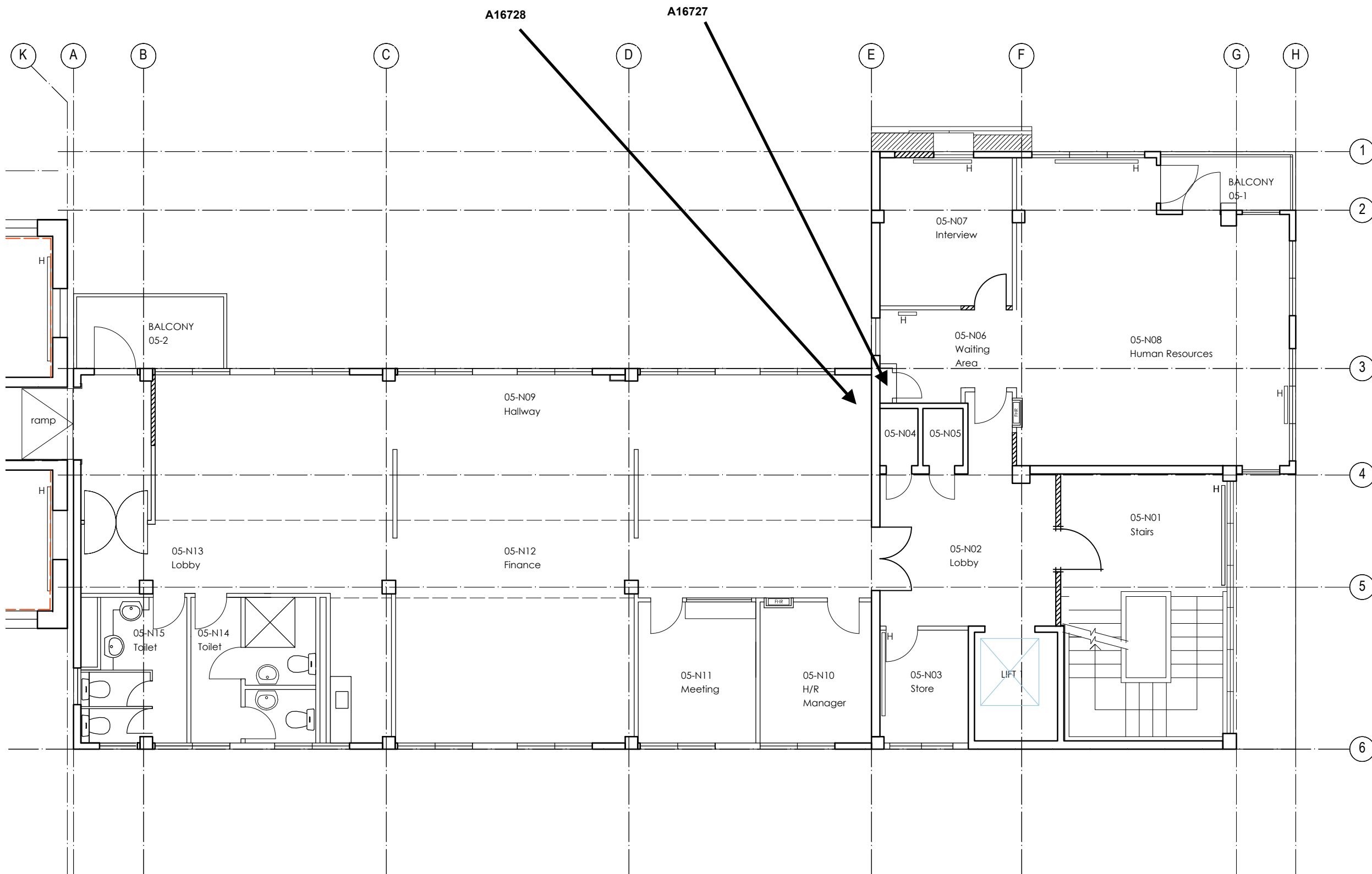
Scales: 1:100 @ A3
Date: Mar 14
Drawn: AW

Designed: MA
Checked: -

Job No. S742
Drawing No. T08
Revision No. 1

1 Proposed South L4 Plan
1:100 @ A3 Plan

FOR INFORMATION



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
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- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
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The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 5 Plan

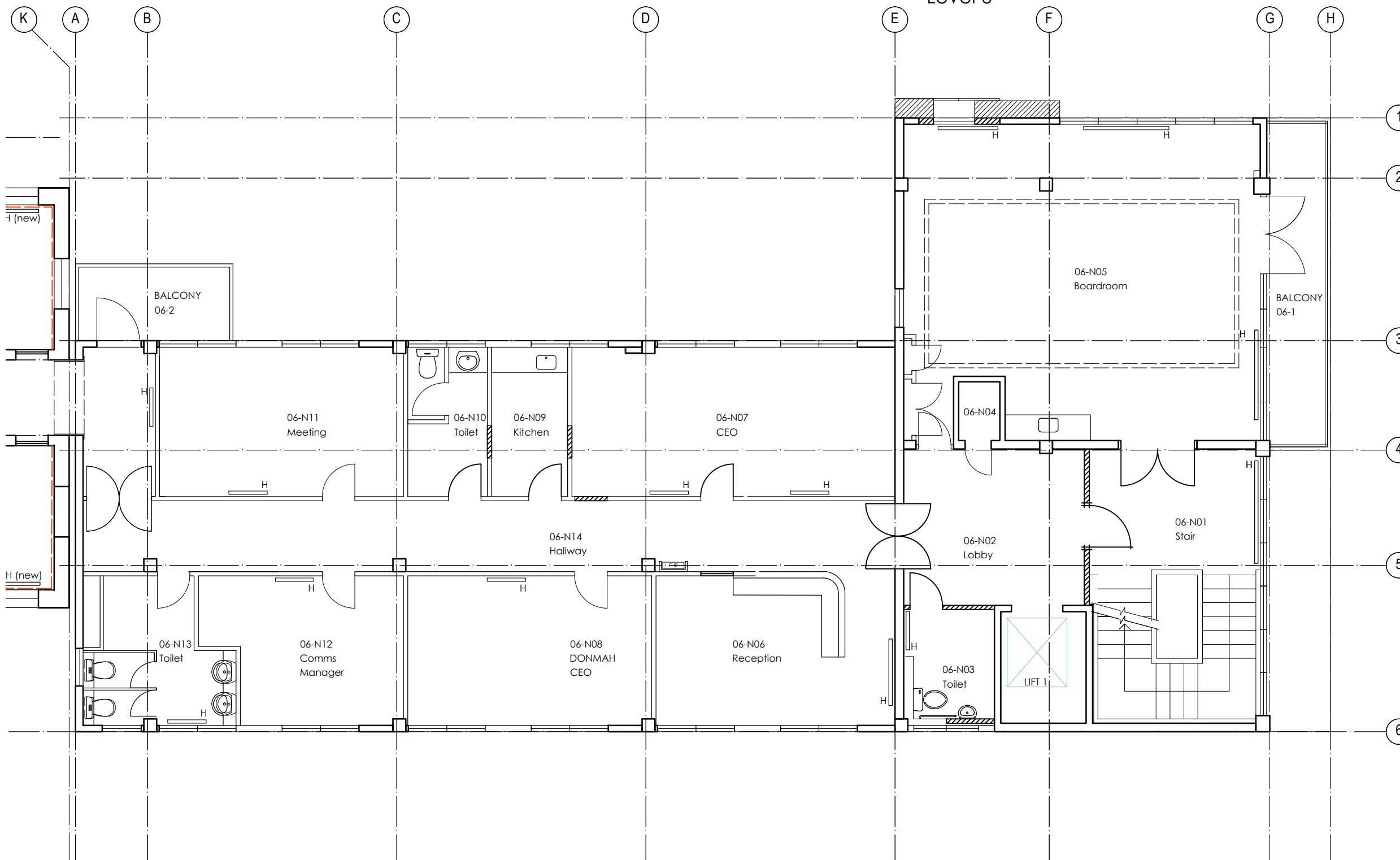
CAD File:
Scales: 1:100 @ A3
Date: Mar 14
Drawn: AW
Designed: MA
Checked: -

Job No. S742
Drawing No. T09
Revision No. 1

1 Proposed North L5 Plan
1:100 @ A3 Plan

FOR INFORMATION

Level 6



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
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- New timber framing restraint wall
- New timber framed wall & door
- New wall ties to structural engineer detail
- Demolished elements
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- Existing wall mounted radiator heater
- New wall mounted radiator heater

REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
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The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed North Level 6 Plan

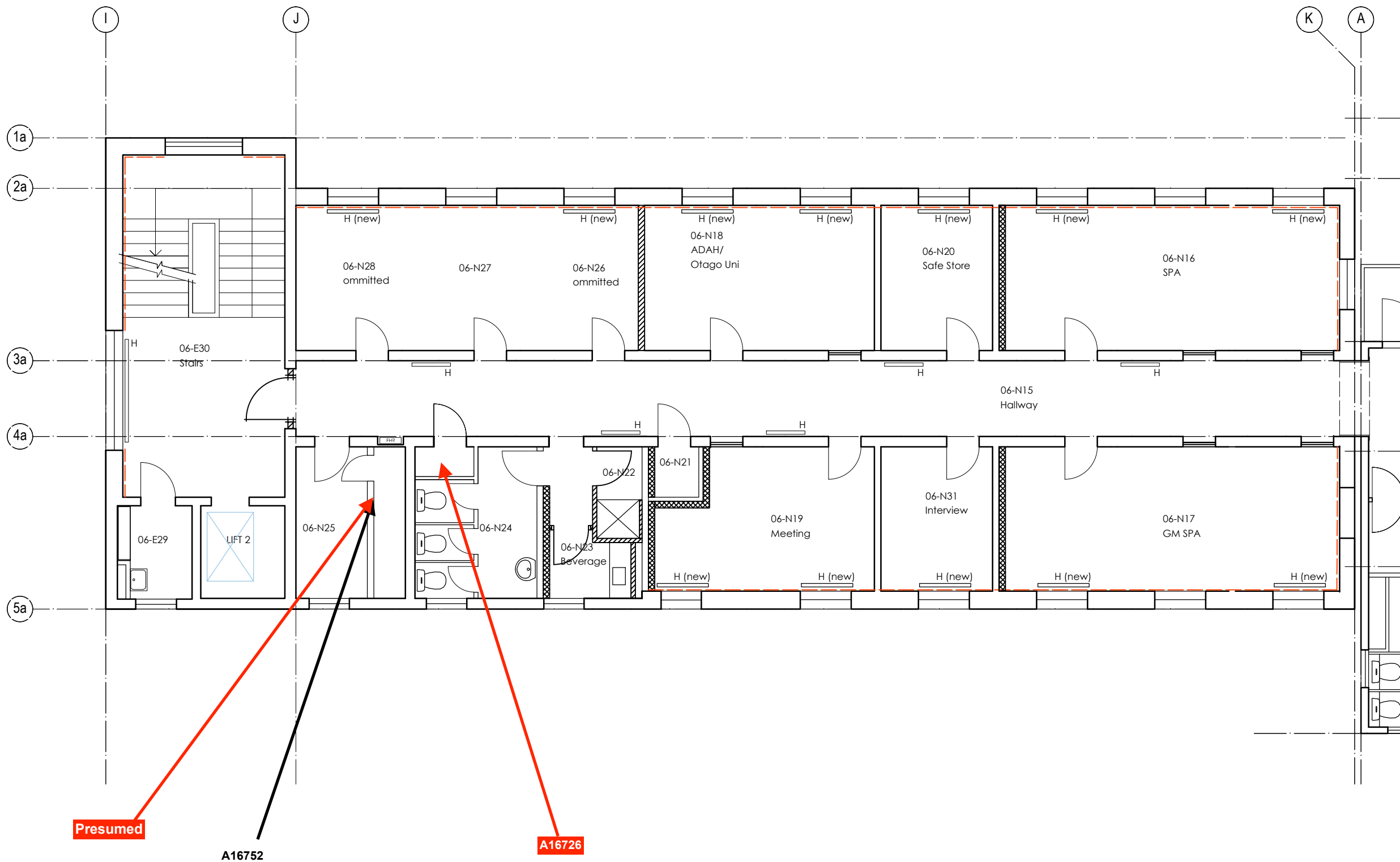
CAD File:

Scales:	Date:	Drawn:
1:100 @ A3	Mar 14	AW
	Designed:	Checked:
	MA	-

Job No.	Drawing No.	Revision No.
S742	T11	1

1 Proposed North L6 Plan
1:100 @ A3 Plan

FOR INFORMATION



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
 2. Refer DLA Site Survey Schedule for detailed description of extent of stripping out works to each room.
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Legend:

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REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

Note:
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The copyright of this drawing remains the property of DLA Architects Limited.

Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

Drawing Title:
Proposed South Level 6 Plan

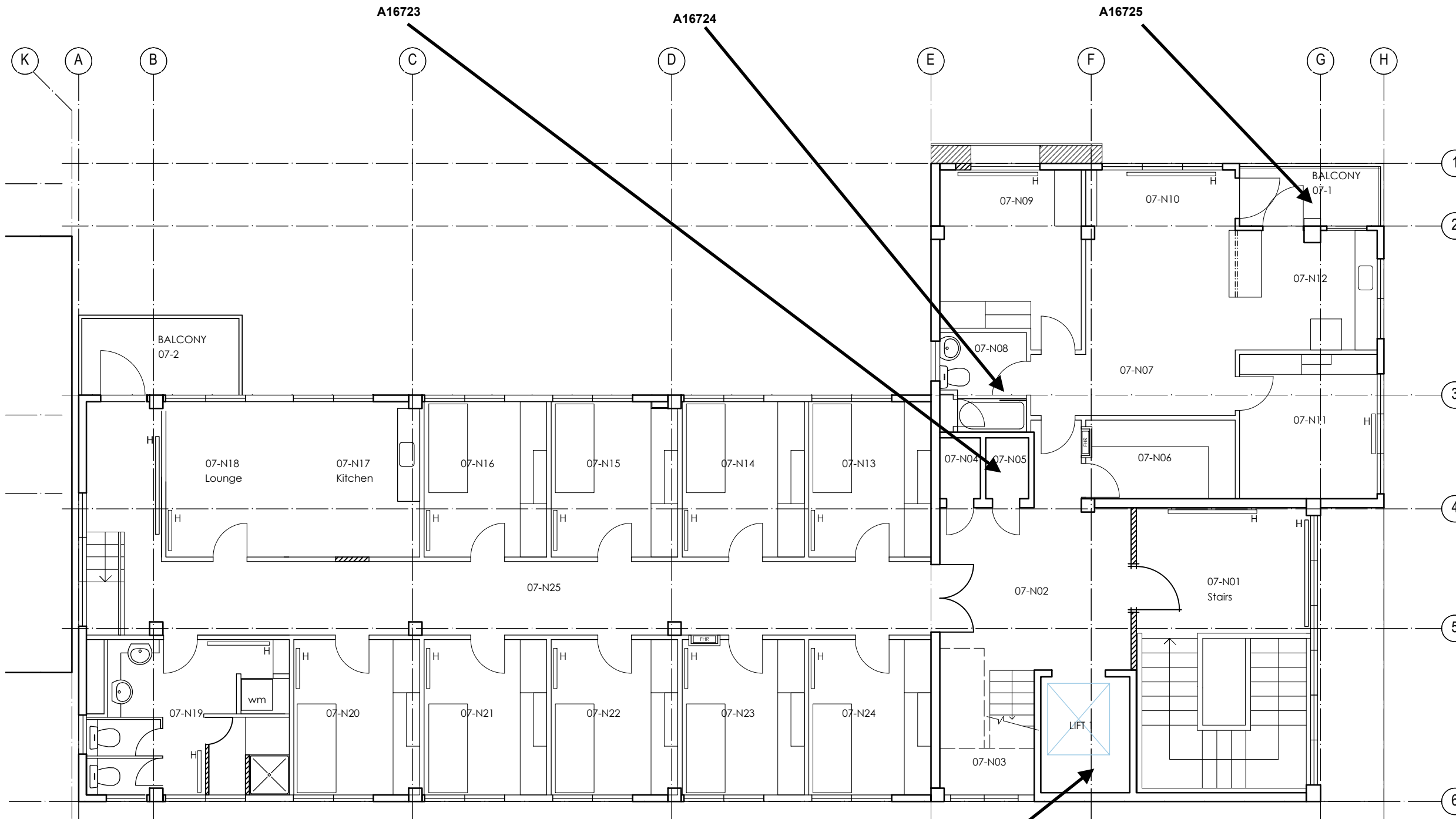
CAD File:

Scales:	Date:	Drawn:
1:100 @ A3	Mar 14	AW
	Designed:	Checked:
	MA	-

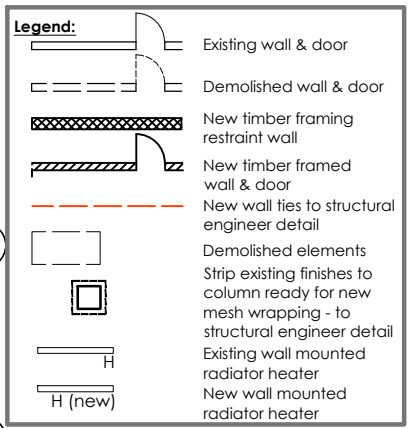
Job No.	Drawing No.	Revision No.
S742	T12	1

1 Proposed South L6 Plan
1:100 @ A3 Plan

FOR INFORMATION



- General Notes:**
1. This Drawing shall be read in conjunction with all other drawings and specifications.
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REV	DATE	DETAILS
1	01.07.15	For Information
0	26.03.14	For Coordination

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Client:
South Canterbury District Health Board

Project:
Timaru Hospital Garden Block Alteration

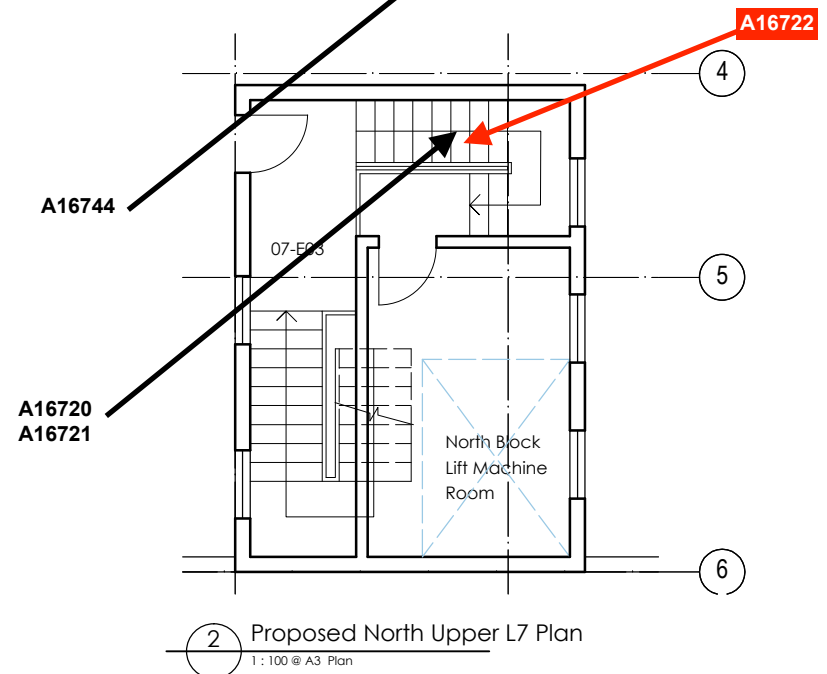
Drawing Title:
Proposed North Level 7 Plan

CAD File:
Scales: 1:100 @ A3
Date: Mar 14
Drawn: AW

Job No. S742
Drawing No. T13
Revision No. 1

DLA ARCHITECTS LIMITED
www.dla.co.nz
12a Royal Arcade, Timaru.
Ph. (03) 683 1300

1 Proposed North L7 Plan
1:100 @ A3 Plan

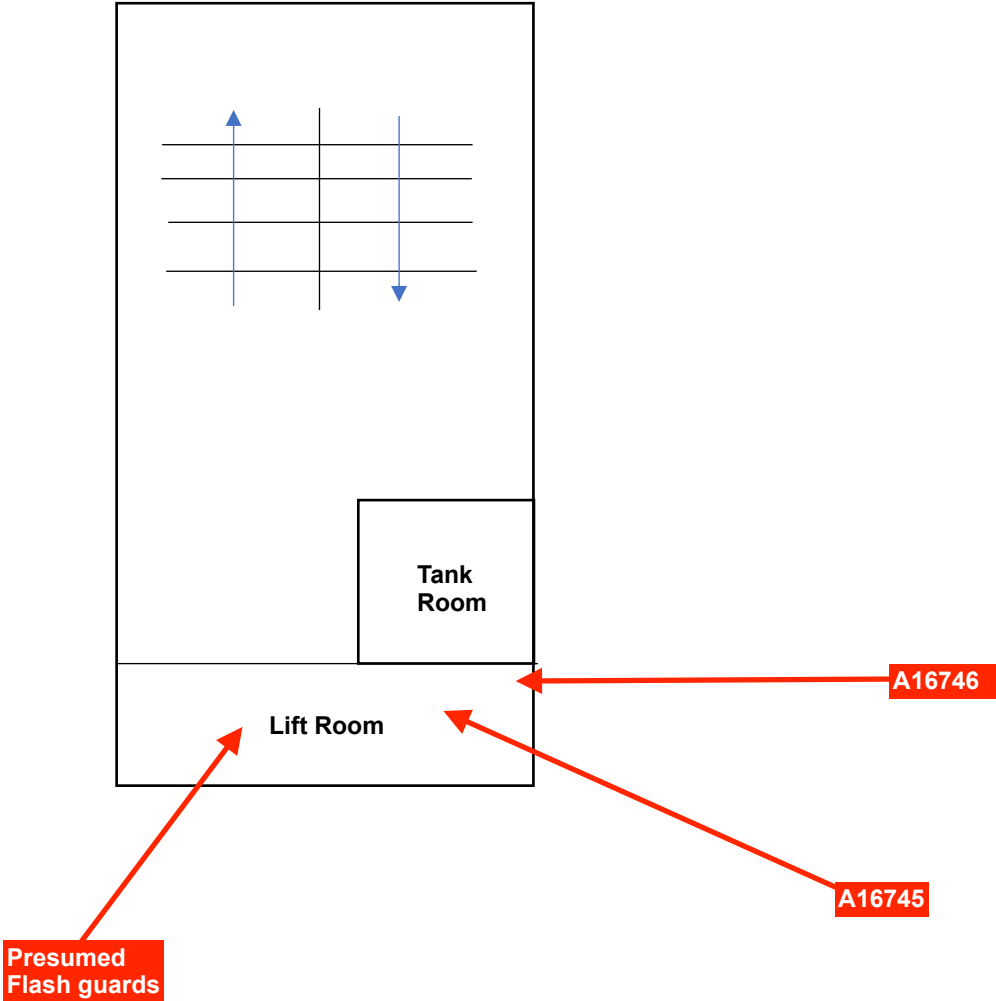


2 Proposed North Upper L7 Plan
1:100 @ A3 Plan

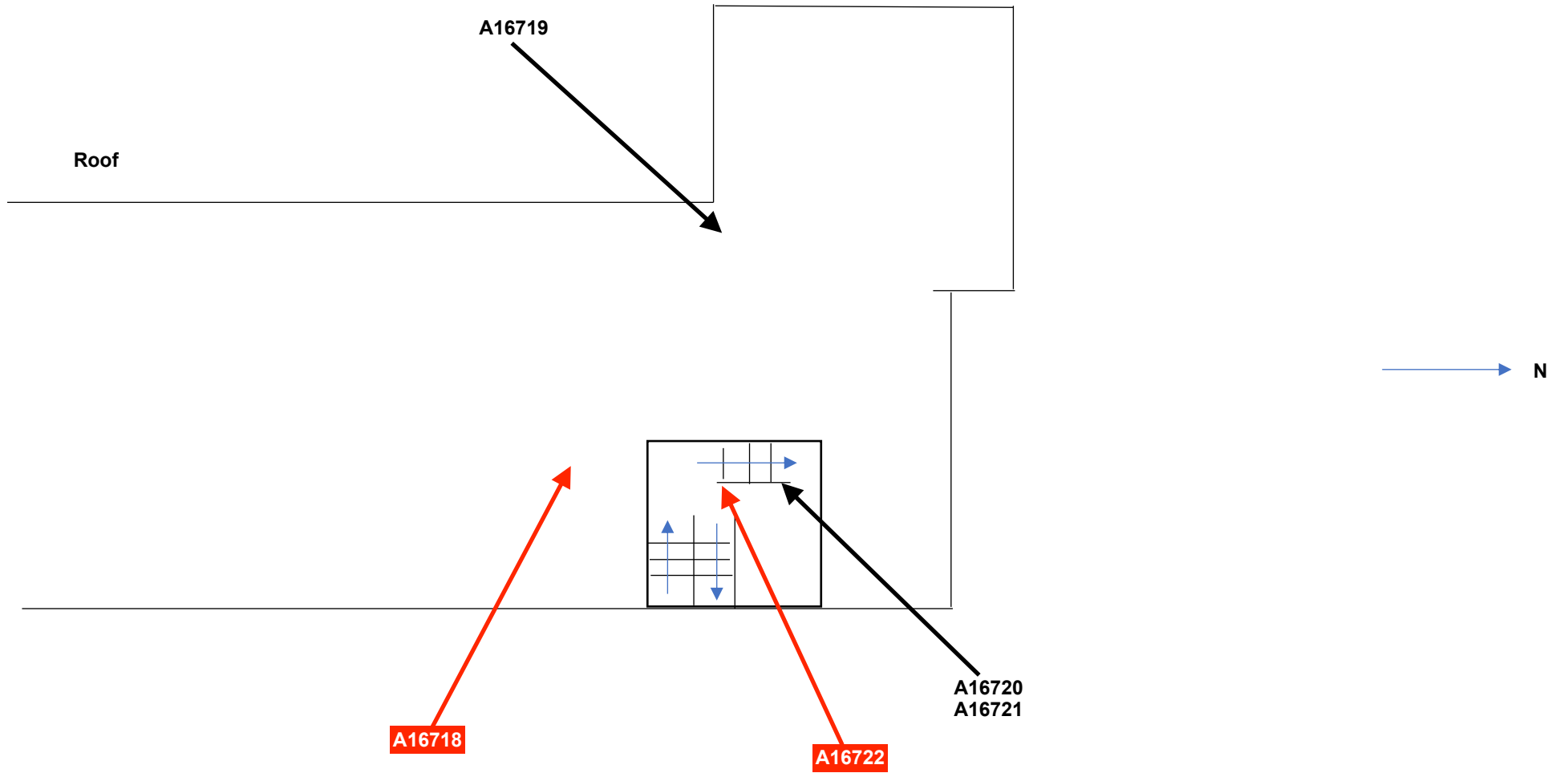
FOR INFORMATION

Not to scale

Level 7 South side



Not to scale



Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-6065

Client:	Asbestos Environmental Consultants	Date Sampled:	5/12/2018
Client Contact:	Ritchie Bower	Date Received:	5/12/2018
Telephone:	021 023 94186	Date Analysed:	5/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Garden Block)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16718	Not supplied	Bitumastic Material	1 x 1	CHR	Yes
002	A16719	Not supplied	Textured Coating	2 x 1	NAD, ORF	No
003	A16720	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
004	A16721	Not supplied	Floor Levelling Compound	2 x 1	NAD, ORF	No
005	A16722	Not supplied	Vinyl Tiles	0.3 x 0.3	CHR	Yes
006	A16723	Not supplied	Vinyl Sheet	3 x 3	NAD, ORF	No
007	A16724	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
008	A16725	Not supplied	Resinous Board	0.3 x 0.3	NAD, ORF	No
009	A16726	Not supplied	Resinous Board	0.3 x 0.3	CHR	Yes
010	A16727	Not supplied	Plaster	0.3 x 0.3	NAD, ORF	No
011	A16728	Not supplied	Bitumastic Material	4 x 2	NAD, ORF	No
012	A16729	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
013	A16730	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
014	A16731	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
015	A16732	Not supplied	Bitumastic Material	3 x 1	NAD, ORF	No
016	A16733	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
017	A16734	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
018	A16735	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
019	A16736	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
020	A16744	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
021	A16745	Not supplied	Resinous Board	0.5 x 0.5	CHR	Yes
022	A16746	Not supplied	Resinous Board	0.5 x 0.5	CHR	Yes
023	A16747	Not supplied	Insulation	0.5 x 0.5	CRO, AMO	Yes
024	A16748	Not supplied	Insulation	0.3 x 0.3	AMO	Yes
025	A16749	Not supplied	Insulation	1 x 1	AMO	Yes
026	A16750	Not supplied	Insulation	0.3 x 0.3	AMO	Yes

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
027	A16751	Not supplied	Debris	1 x 1	AMO, ORF	Yes
028	A16752	Not supplied	Debris	0.3 x 0.3	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-6065-001

Client:	Asbestos Environmental Consultants	Date Sampled:	12/12/2018
Client Contact:	Ritchie Bower	Date Received:	13/12/2018
Telephone:	021 023 94186	Date Analysed:	13/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Garden Block #2)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

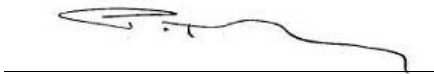
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16061	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
002	A16062	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
003	A16063	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
004	A16064	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Cafe, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00636 (P1213-007)
Date of survey: 19 - 29 November 2018



Cafe, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Cafe (001)	Vinyl Products - Vinyl floor covering - Red	A16603	0	-	-	-	-	0	-	A6	
1st Floor Cafe servery (002)	Cement Product - Panels to wall around oven	A16604	0	-	-	-	-	0	-	A6	
1st Floor Cafe servery (003)	Vinyl Products - Vinyl floor covering - Grey speckled	A16605	0	-	-	-	-	0	-	A6	
1st Floor Cafe Office (004)	Vinyl Products - Vinyl floor covering - Grey speckled	Reference A16605	0	-	-	-	-	0	-	A6	
1st Floor Cafe store room (005)	Vinyl Products - Vinyl floor covering - Grey speckled	Reference A16605	0	-	-	-	-	0	-	A6	
1st Floor Cafe Lobby (006)	Vinyl Products - Vinyl floor covering - Grey speckled	Reference A16605	0	-	-	-	-	0	-	A6	
External Cafe Balcony (007)	Cement Product - Ceiling	A16606	0	-	-	-	-	0	-	A6	Includes eaves to cafe front
External Cafe Balcony (008)	Decorative Finishes - Textured render to external walls	A16607	0	-	-	-	-	0	-	A6	
External Sides of Cafe (025)	Cement Product - Upper level eaves	Reference A16708	0	-	-	-	-	0	-	A6	

No Access Areas

No intrusive / destructive inspection techniques used

Photographs

Cafe, Timaru Hospital

1st Floor Cafe (001)

Vinyl floor covering - Red - Vinyl Products

Sample No. A16603

No Asbestos Detected



Cafe, Timaru Hospital

1st Floor Cafe servery (002)

Panels to wall around oven - Cement Product

Sample No. A16604

No Asbestos Detected



Cafe, Timaru Hospital

1st Floor Cafe servery (003)

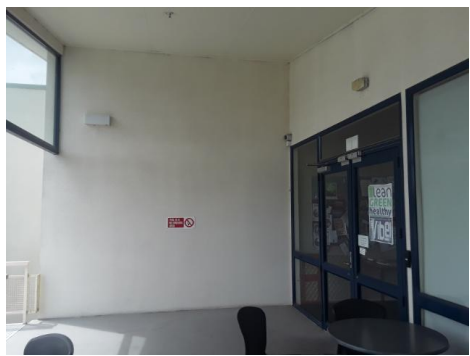

Vinyl floor covering - Grey speckled - Vinyl Products

Sample No. A16605

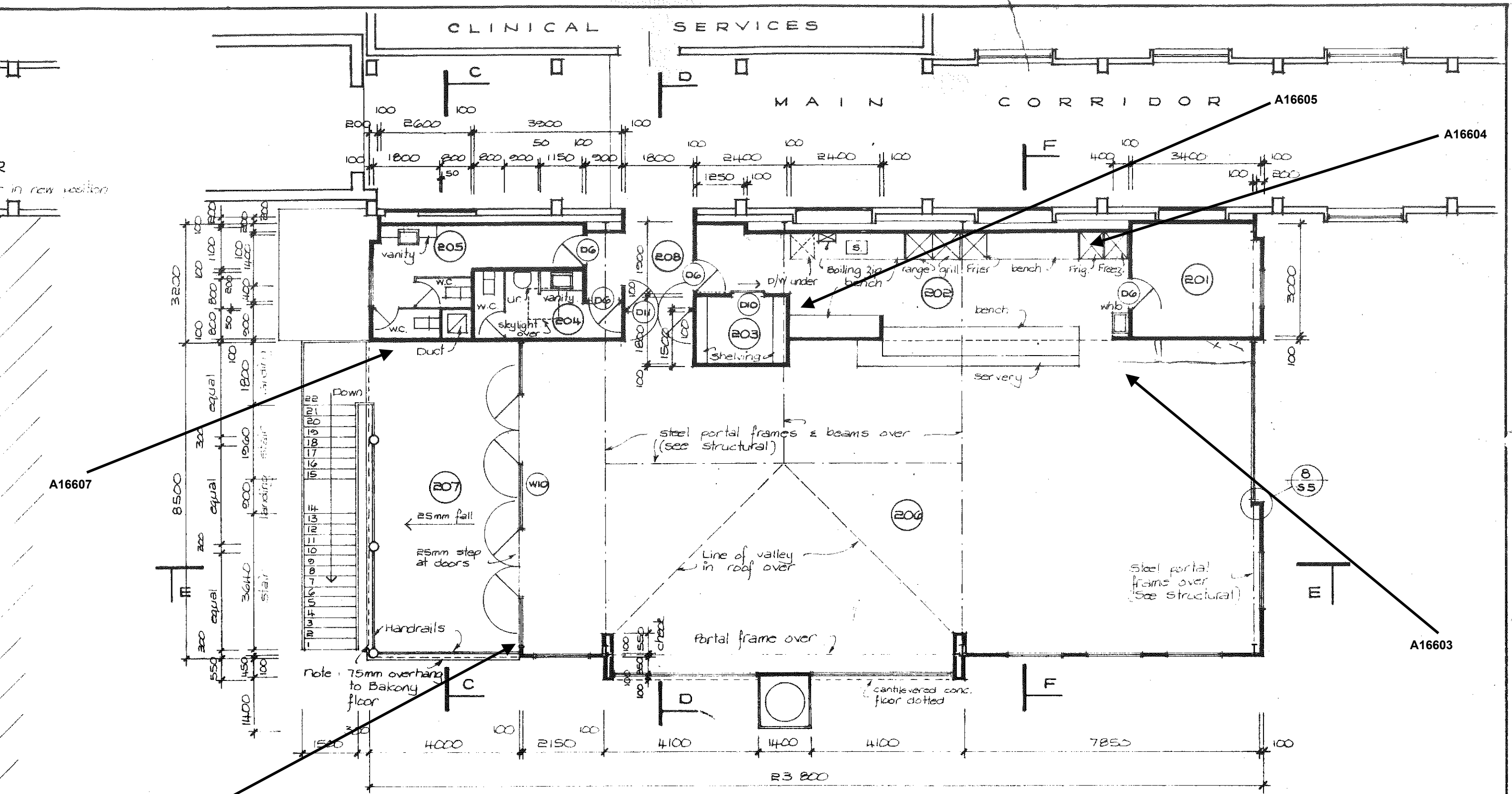
No Asbestos Detected



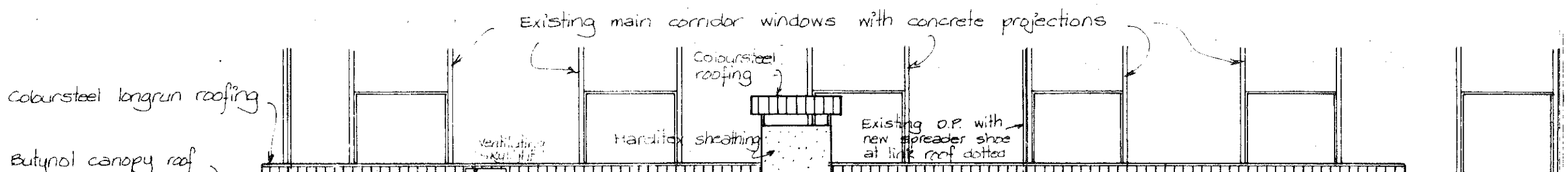
<p>Cafe, Timaru Hospital</p> <p>External Cafe Balcony (007)</p> <p>Ceiling - Cement Product</p> <p>Sample No. A16606</p> <p>No Asbestos Detected</p>		
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<p>Cafe, Timaru Hospital</p> <p>External Cafe Balcony (008)</p> <p>Textured render to external walls - Decorative Finishes</p> <p>Sample No. A16607</p> <p>No Asbestos Detected</p>		
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Sample Location Site Plans



FIRST FLOOR PLAN



Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5730

Client:	Asbestos Environmental Consultants	Date Sampled:	22/11/2018
Client Contact:	Ritchie Bower	Date Received:	22/11/2018
Telephone:	021 023 94186	Date Analysed:	22/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Cafe)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

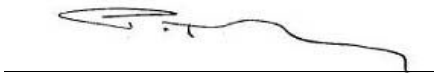
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16603	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF	No
002	A16604	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
003	A16605	Not supplied	Vinyl Sheet	2 x 0.5	NAD, ORF	No
004	A16606	Not supplied	Fibre Cement	1 x 0.5	NAD, ORF	No
005	A16607	Not supplied	Textured Coating	2 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Kitchen, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00637 (P1213-008)
Date of survey: 29 November 2018



Kitchen, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 103 Lockers (001)	Vinyl Products - Vinyl floor covering - Blue	A16705	0	-	-	-	-	0	-	A6	
Ground Floor 102 Toilet (002)	Vinyl Products - Vinyl floor covering - Blue	Reference A16705	0	-	-	-	-	0	-	A6	
Ground Floor 101 Manager (003)	Vinyl Products - Vinyl floor covering - Blue	Reference A16705	0	-	-	-	-	0	-	A6	
Ground Floor 105 Office (004)	Vinyl Products - Vinyl floor covering - Blue	Reference A16705	0	-	-	-	-	0	-	A6	
Ground Floor 104 Lobby (005)	Vinyl Products - Vinyl floor covering - Blue	Reference A16705	0	-	-	-	-	0	-	A6	
Ground Floor Kitchen (005)	Cement Product - Plastic coated cement sheet to walls, boxing and sections of ceiling	A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 118 Store (007)	Cement Product - Plastic coated cement sheet to walls, boxing and sections of ceiling	Reference A16706	0	-	-	-	-	0	-	A6	
Ground Floor 117 Store (008)	Cement Product - Plastic coated cement sheet to walls, boxing and sections of ceiling	Reference A16706	0	-	-	-	-	0	-	A6	
Ground Floor Kitchen (009)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	A16707	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 118 Store (010)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 117 Store (011)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)

Kitchen, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Fridge 1 (012)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor Fridge 2 (013)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor Fridge 3 (014)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor Fridge 4 (015)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 121 (016)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 121 (017)	Cement Product - Plastic coated cement sheet to walls, boxing and sections of ceiling	Reference A16706	0	-	-	-	-	0	-	A6	
Ground Floor 114 Goods in (018)	Vinyl Products - Vinyl floor covering - Blue with sparkly fleck	Reference A16706	0	-	-	-	-	0	-	A6	Area includes dishwash, pot store and store (106, 107, 108, 109, 110, 119, 116 & 120)
Ground Floor 114 Goods in (019)	Cement Product - Plastic coated cement sheet to walls, boxing and sections of ceiling	Reference A16706	0	-	-	-	-	0	-	A6	
External Rear and sides of kitchen (020)	Cement Product - Canopy Ceiling and eaves	A16708	0	-	-	-	-	0	-	A6	
External sides of kitchen (021)	Cement Product - Porch ceilings x 2	Reference A16708	0	-	-	-	-	0	-	A6	
External Rear and side walls (022)	Decorative Finishes - Textured coating to walls	A16709	0	-	-	-	-	0	-	A6	
External Rear and side walls (023)	Decorative Finishes - Cement sheet to rear of Textured coating to walls	A16711	0	-	-	-	-	0	-	A6	

Kitchen, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External East side (024)	Cement Product - Surround Panels to Windows and mid wall	A16710	0	-	-	-	-	0	-	A6	

No Access Areas

Kitchen, Timaru Hospital, No intrusive/ destructive inspection techniques used (025)

Photographs

Kitchen, Timaru Hospital

Ground Floor 103 Lockers (001)

Vinyl floor covering - Blue - Vinyl Products

Sample No. A16705

No Asbestos Detected



Kitchen, Timaru Hospital

Ground Floor Kitchen (005)

Plastic coated cement sheet to walls, boxing and sections of ceiling - Cement Product

Sample No. A16706

No Asbestos Detected



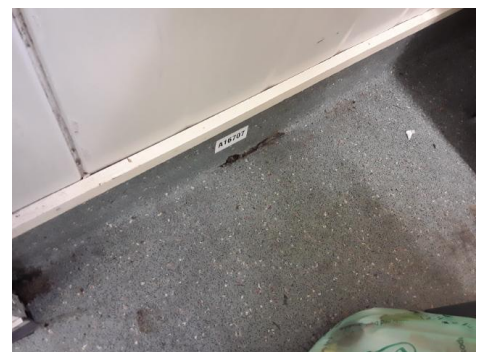
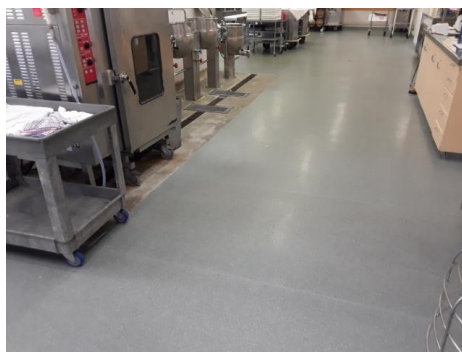
Kitchen, Timaru Hospital

Ground Floor Kitchen (009)

Vinyl floor covering - Blue with sparkly fleck - Vinyl Products

Sample No. A16707

No Asbestos Detected



<p>Kitchen, Timaru Hospital</p> <p>External Rear and sides of kitchen (020)</p> <p>Canopy Ceiling and eaves - Cement Product</p> <p>Sample No. A16708</p> <p>No Asbestos Detected</p>		
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<p>Kitchen, Timaru Hospital</p> <p>External Rear and side walls (022)</p> <p>Textured coating to walls - Decorative Finishes</p> <p>Sample No. A16709</p> <p>No Asbestos Detected</p>		
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<p>Kitchen, Timaru Hospital</p> <p>External Rear and side walls (023)</p> <p>Cement sheet to rear of Textured coating to walls - Decorative Finishes</p> <p>Sample No. A16711</p> <p>No Asbestos Detected</p>		
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Kitchen, Timaru Hospital

External East side (024)

Surround Panels to Windows
and mid wall - Cement Product

Sample No. A16710

No Asbestos Detected

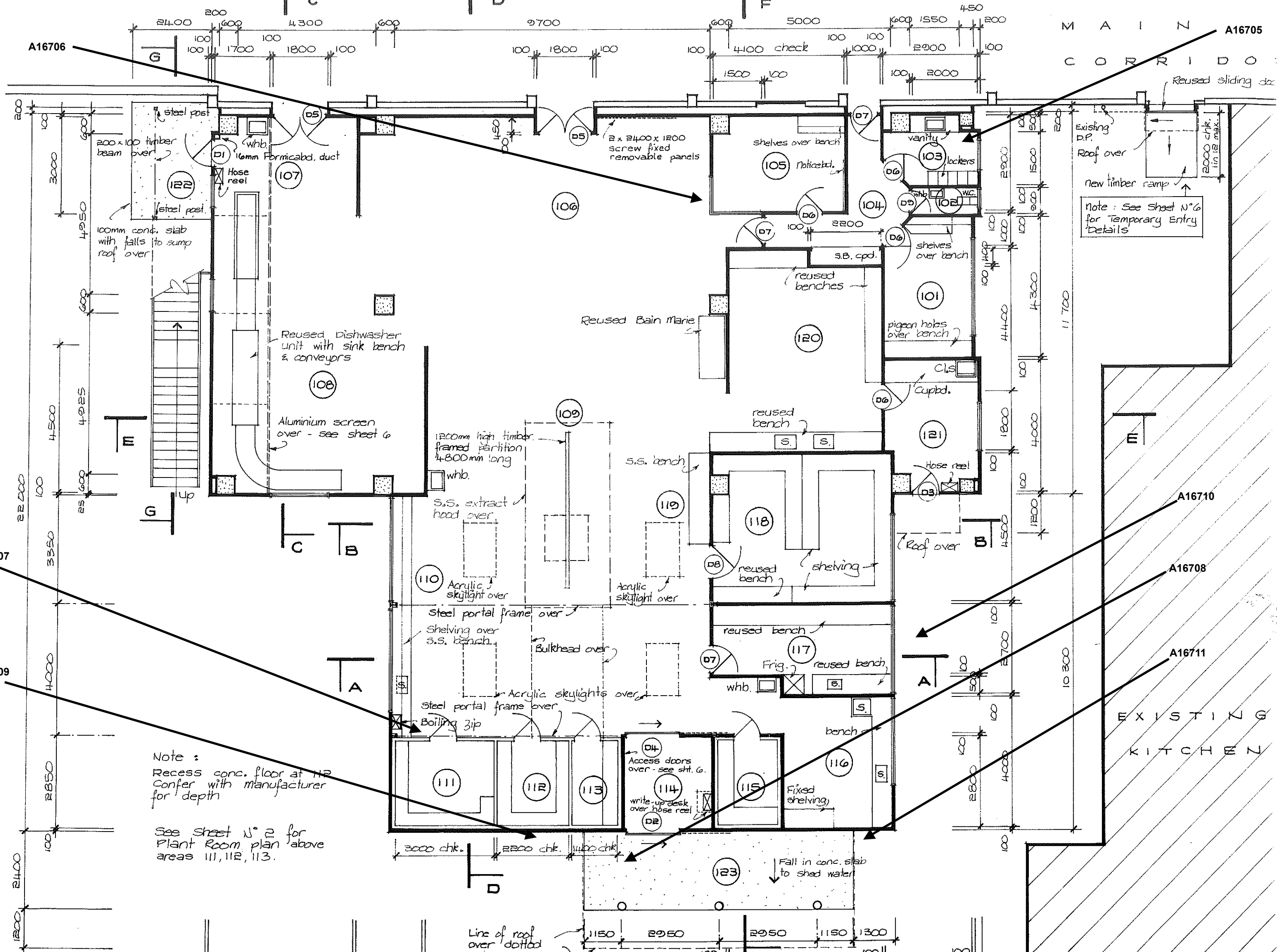


Sample Location Site Plans

A16706

A16705

MAIN CORRIDOR



Note:
 Recess conc. floor at 112
 Confer with manufacturer
 for depth

See sheet N° 2 for
 Plant Room plan above
 areas 111, 112, 113.

Note: See Sheet N° 6
 for Temporary Entry
 Details

Line of roof
 over dotted

EXISTING
 KITCHEN

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5971

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Kitchen)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16705	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
002	A16706	Not supplied	Fibre Cement	2 x 2	NAD, ORF	No
003	A16707	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
004	A16708	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
005	A16709	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
006	A16710	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
007	A16711	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Laundry, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00638 (P1213-009)
Date of survey: 08 November 2018 to 12 December 2018



Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Lunch Room (002)	Vinyl Products - Vinyl floor covering - Grey / Green	A16501	0	-	-	-	-	0	-	A6	
1st Floor Lunch Room (003)	Vinyl Products - Adhesive below Vinyl floor covering	A16502	0	-	-	-	-	0	-	A6	
1st Floor Lunch Room (004)	Vinyl Products - Vinyl floor covering - Turquoise	A16503	0	-	-	-	-	0	-	A6	
1st Floor Male Toilet (005)	Vinyl Products - Vinyl floor covering - Beige	A16504	0	-	-	-	-	0	-	A6	
1st Floor Female Toilet (006)	Vinyl Products - Vinyl floor covering - Beige	Reference A16504	0	-	-	-	-	0	-	A6	
1st Floor Change Room (007)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Change Room (008)	Vinyl Products - Vinyl floor covering - Turquoise	Reference A16503	0	-	-	-	-	0	-	A6	
1st Floor Sewing Room (009)	Insulation - Pipe lagging to vertical run within timber boxing to West corner	A16505	2	3	3	2	0	10	3 lin m	A4	Lagging is wrapped in Hessian and enclosed by timber boxing. The top of the boxing is missing and exposing unsealed pipe insulation which is in close proximity to a fan at the rear of a wall mounted heater. No inspection could be performed within timber boxing without controls being put in place. Debris may be present to base.
1st Floor Sewing Room (010)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Sewing Room (011)	Vinyl Products - Vinyl Tiles to window sill	A16506	1	0	1	0	3	5	1 m ²	A5	

Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Manager Office (012)	Insulation - Pipe lagging to vertical run within timber boxing to West corner	Presumed	3	3	3	2	0	11	3 lin m	A4	Lagging is presumed to be in the same application as in sewing room, wrapped in Hessian and enclosed by timber boxing. No inspection could be performed within timber boxing without controls being put in place. Debris may be present to base.
1st Floor Corridor (013)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Office (014)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Stairs (015)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
Ground Floor Dispatch (016)	Vinyl Products - Vinyl floor covering - Beige	A16507	0	-	-	-	-	0	-	A6	localised damage
Ground Floor Dispatch (017)	Paper Product - Underlay below Vinyl floor covering - Beige	A16508	0	-	-	-	-	0	-	A6	localised damage
Ground Floor Dispatch (018)	Insulation - Pipe lagging to vertical run within timber boxing to West corner	Reference A16505	2	3	3	2	0	10	3 lin m	A4	No access within riser. No inspection could be performed within timber boxing without controls being put in place. Debris may be present to brace of riser. It is recommended that further management controls are put in place.
Ground Floor Oamaru Room (019)	Vinyl Products - Vinyl floor covering - Green	A16509	0	-	-	-	-	0	-	A6	
Ground Floor Talbot store Room (020)	Vinyl Products - Vinyl floor covering - Green	Reference A16509	0	-	-	-	-	0	-	A6	
Ground Floor Corridor and Stairs (021)	Vinyl Products - Vinyl floor covering - Green	Reference A16509	0	-	-	-	-	0	-	A6	

Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Stores (022)	Insulation - Pipe lagging to vertical run within timber boxing to North wall	Presumed	3	3	3	2	0	11	3 lin m	A4	No access within riser. No inspection could be performed within timber boxing without controls being put in place. Debris may be present to brace of riser. It is recommended that further management controls are put in place.
Ground Floor Dryer Room (023)	Gaskets (rope/woven) - Northeast wall, woven sleeve to synthetic pipe insulation	A16510	0	-	-	-	-	0	-	A6	Present as the same application to pipes throughout building. Painted Hessian wrap
Ground Floor Wash Room (024)	Gaskets (compressed) - Gasket to pipe joining	A16511	1	1	2	0	1	5	NQ	A5	Present as the same application to pipes throughout building
Ground Floor Wash and dryer Room (025)	Vinyl Products - Vinyl floor covering - Orange	A16512	0	-	-	-	-	0	-	A6	
1st Floor East Sorting Room (026)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Storage Room (027)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Toilet (028)	Vinyl Products - Vinyl floor covering - Grey / Green	Reference A16501	0	-	-	-	-	0	-	A6	
1st Floor Toilet (029)	Putty - Putty to joining to soil pipe	A16513	0	-	-	-	-	0	-	A6	
1st Floor Sorting Room (030)	Vinyl Products - Vinyl floor covering - Blue	A16514	0	-	-	-	-	0	-	A6	
1st Floor Southeast Stairs (031)	Vinyl Products - Vinyl floor covering to steps - light grey	A16515	0	-	-	-	-	0	-	A6	
1st Floor Southeast Stairs (032)	Vinyl Products - Vinyl floor covering to steps and landing - dark grey	A16516	0	-	-	-	-	0	-	A6	

Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Central Basement, chest level pipe run (033)	Gaskets (compressed) - Gasket to pipe joining	A16517	1	2	2	2	1	8	2 no	A3	Edges are exposed and damaged. Encapsulation or removal is recommended. Presume gaskets to be present throughout basement level
1st Floor Corridor (034)	Electrical Mounting Board - Electrical Mounting Board	Presumed	1	0	1	0	1	3	1 no	A5	
Basement Central rear Basement, Southwest side ceiling (035)	Insulation - Lagging within ceiling penetration surrounding steel strapping	A16518	2	3	3	3	0	11	NQ	A1	Presume to be in same building application throughout the building
Basement Rear Basement, Southwest side ceiling (036)	Insulation - Lagging within ceiling penetration surrounding steel strapping	Reference A16518	2	3	3	3	0	11	NQ	A1	Presume to be in same building application throughout the building
Basement Rear Basement, Northeast side ceiling (037)	Insulation - Lagging within ceiling penetration surrounding steel strapping	Reference A16518	2	3	3	3	0	11	NQ	A1	Presume to be in same building application throughout the building
Basement Rear Basement, Northeast side ceiling (038)	Insulation - Debris to floor below Lagging within ceiling penetration surrounding steel strapping	A16519	2	3	3	3	0	11	NQ	A1	Material is present mixed in with SMF. Presume to be spread throughout immediate surrounding area. Presume further insulation debris to be present to floor surfaces throughout basement
Basement Central southwest side basement (041)	Bituminous Product - Bitumastic membrane to timber structure to ceiling	A16520	0	-	-	-	-	0	-	A6	Presume to be present as a damp-proof membrane throughout the building
Basement Central southwest side basement (043)	Electrical Mounting Board - Electrical Mounting Board	Presumed	2	0	1	0	1	4	1 no	A5	
Basement Central Northeast side basement (044)	Electrical Mounting Board - Electrical Mounting Board	Presumed	1	0	1	0	1	3	1 no	A5	
Basement Front Basement, Northeast wall adjacent to tunnel (045)	Insulation - Debris to wall	A16521	3	3	3	3	1	13	NQ	A1	
Basement Electrics Room (046)	Electrical Mounting Board - Electrical Mounting Board	Presumed	2	0	1	0	1	4	1 no	A5	

Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Front central basement (047)	Insulation - Lagging within ceiling penetration surrounding steel strapping	Reference A16518	2	3	3	3	0	11	NQ	A4	Presume to be in same building application throughout the building
Ground Floor Laundry Records Store (048)	Vinyl Products - Vinyl floor covering - Green	Reference A16509	0	-	-	-	-	0	-	A6	
External, External concrete structure (049)	Decorative Finishes - Textured render to concrete	A16522	0	-	-	-	-	0	-	A6	
External Canopy to commercial dispatch (050)	Cement Product - Canopy Ceiling	A16523	0	-	-	-	-	0	-	A6	
External Entrance to lobby to hospital dispatch (051)	Low Density Board - Boxing above door	A16524	2	1	2	1	1	7	1 m ²	A3	Removal or paint encapsulation of localised damage and exposed edges is recommended
Ground Floor Laundry Under stairs cupboard (052)	Vinyl Products - Vinyl floor covering - Grey	A16525	0	-	-	-	-	0	-	A6	
External first floor wall cladding to stairwell (053)	Cement Product - External wall cladding	A16526	3	1	1	0	0	5	10 m ²	A5	
External Laundry lift / Wash room entrance (054)	Cement Product - High level canopy ceiling and lift wall	Presumed	3	1	1	0	0	5	10 m ²	A5	No access to sample due to height restrictions
Basement North corner rear basement (055)	Insulation - Residues to redundant pipework to floor	A16557	2	3	3	3	2	13	1 no	A1	Presume residues to be present to all similar redundant pipework throughout level
Basement Pebble ground surface 5m east of metal tanks to South West corner (100)	Dust Sample - Swap sample from ground surface	A16049	0	-	-	-	-	0	-	A6	
Basement Pebble ground surface 5m North of metal tanks to South West corner (101)	Dust Sample - Swap sample from ground surface	A16050	0	-	-	-	-	0	-	A6	
Basement Door to switchboard room adjacent tunnel (102)	Dust Sample - Swap sample from window surround	A16051	0	-	-	-	-	0	-	A6	
Basement Pipework adjacent to the entrance (103)	Dust Sample - Swap sample from pipe top	A16052	0	-	-	-	-	0	-	A6	

Laundry, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Sewing Room (104)	Dust Sample - Swap sample from timber ledge to wall	A16056	0	-	-	-	-	0	-	A6	

No Access Areas

Laundry, Timaru Hospital, Basement Piles of dilapidated equipment (039) - Only a visual inspection from the surrounding spaces was performed to equipment.

Laundry, Timaru Hospital, Basement Piles of redundant pipe and SMF lagging (040) - Only a visual inspection from the surrounding spaces was performed to the pipes

Laundry, Timaru Hospital, Basement Areas around large horizontal tanks (042) - Limited safe access due to high pressure leaks and flooding

Laundry, Timaru Hospital, External Laundry lift/ Wash room entrance (054) – No access to sample due to height restrictions.

No intrusive / destructive inspection techniques used

Photographs

Laundry, Timaru Hospital
1st Floor Lunch Room (002)

Vinyl floor covering - Grey /
Green - Vinyl Products

Sample No. A16501

No Asbestos Detected



Laundry, Timaru Hospital
1st Floor Lunch Room (003)

Adhesive below Vinyl floor
covering - Vinyl Products

Sample No. A16502

No Asbestos Detected



Laundry, Timaru Hospital
1st Floor Lunch Room (004)

Vinyl floor covering - Turquoise -
Vinyl Products

Sample No. A16503

No Asbestos Detected



Laundry, Timaru Hospital

1st Floor Male Toilet (005)

Vinyl floor covering - Beige -
Vinyl Products

Sample No. A16504

No Asbestos Detected



Laundry, Timaru Hospital

1st Floor Sewing Room (009)

Pipe lagging to vertical run
within timber boxing to West
corner - Insulation

Sample No. A16505

Amosite



Laundry, Timaru Hospital


1st Floor Sewing Room (011)



Vinyl Tiles to window sill - Vinyl
Products

Sample No. A16506


Chrysotile





<p>Laundry, Timaru Hospital</p> <p>1st Floor Manager Office (012)</p> <p>Pipe lagging to vertical run within timber boxing to West corner - Insulation</p> <p>Sample No. Presumed</p> <p>Crocidolite, Amosite & Chrysotile</p>		
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<p>Laundry, Timaru Hospital</p> <p>Ground Floor Dispatch (016)</p> <p>Vinyl floor covering - Beige - Vinyl Products</p> <p>Sample No. A16507</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>Ground Floor Dispatch (017)</p> <p>Underlay below Vinyl floor covering - Beige - Paper Product</p> <p>Sample No. A16508</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>Ground Floor Oamaru Room (019)</p> <p>Vinyl floor covering - Green - Vinyl Products</p> <p>Sample No. A16509</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>Ground Floor Stores (022)</p> <p>Pipe lagging to vertical run within timber boxing to North wall - Insulation</p> <p>Sample No. Presumed</p> <p>Crocidolite, Amosite & Chrysotile</p>		
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<p>Laundry, Timaru Hospital</p> <p>Ground Floor Dryer Room (023)</p> <p>Northeast wall, woven sleeve to synthetic pipe insulation - Gaskets (rope/woven)</p> <p>Sample No. A16510</p> <p>No Asbestos Detected</p>		
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Laundry, Timaru Hospital
Ground Floor Wash Room (024)

Gasket to pipe joining - Gaskets
(compressed)

Sample No. A16511

Chrysotile



Laundry, Timaru Hospital
Ground Floor Wash and dryer
Room (025)

Vinyl floor covering - Orange -
Vinyl Products

Sample No. A16512

No Asbestos Detected



Laundry, Timaru Hospital
1st Floor Toilet (029)



Putty to joining to soil pipe -
Putty

Sample No. A16513

No Asbestos Detected



<p>Laundry, Timaru Hospital</p> <p>1st Floor Sorting Room (030)</p> <p>Vinyl floor covering - Blue - Vinyl Products</p> <p>Sample No. A16514</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>1st Floor Southeast Stairs (031)</p> <p>Vinyl floor covering to steps - light grey - Vinyl Products</p> <p>Sample No. A16515</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>1st Floor Southeast Stairs (032)</p> <p>Vinyl floor covering to steps and landing - dark grey - Vinyl Products</p> <p>Sample No. A16516</p> <p>No Asbestos Detected</p>		
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Laundry, Timaru Hospital

Basement Central Basement,
chest level pipe run (033)

Gasket to pipe joining - Gaskets
(compressed)

Sample No. A16517

Chrysotile



Laundry, Timaru Hospital

1st Floor Corridor (034)

Electrical Mounting Board -
Electrical Mounting Board

Sample No. Presumed

Chrysotile



Laundry, Timaru Hospital

Basement Central rear
Basement, Southwest side
ceiling (035)

Lagging within ceiling
penetration surrounding steel
strapping - Insulation

Sample No. A16518

Amosite



<p>Laundry, Timaru Hospital</p> <p>Basement Rear Basement, Northeast side ceiling (038)</p> <p>Debris to floor below Lagging within ceiling penetration surrounding steel strapping - Insulation</p> <p>Sample No. A16519</p> <p>Amosite</p>		
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<p>Laundry, Timaru Hospital</p> <p>Basement Central southwest side basement (041)</p> <p>Bitumastic membrane to timber structure to ceiling - Bituminous Product</p> <p>Sample No. A16520</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>Basement Central southwest side basement (043)</p> <p>Electrical Mounting Board - Electrical Mounting Board</p> <p>Sample No. Presumed</p> <p>Chrysotile</p>		
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Laundry, Timaru Hospital
Basement Central Northeast
side basement (044)

Electrical Mounting Board -
Electrical Mounting Board

Sample No. Presumed

Chrysotile



Laundry, Timaru Hospital
Basement Front Basement,
Northeast wall adjacent to tunnel
(045)

Debris to wall - Insulation

Sample No. A16521

Crocidolite & Amosite



Laundry, Timaru Hospital
Basement Electrics Room (046)

Electrical Mounting Board -
Electrical Mounting Board

Sample No. Presumed

Chrysotile



Laundry, Timaru Hospital

External, External concrete structure (049)

Textured render to concrete -
Decorative Finishes

Sample No. A16522

No Asbestos Detected



Laundry, Timaru Hospital

External Canopy to commercial
dispatch (050)

Canopy Ceiling - Cement
Product

Sample No. A16523

No Asbestos Detected



Laundry, Timaru Hospital

External Entrance to lobby to
hospital dispatch (051)

Boxing above door - Low
Density Board

Sample No. A16524

Amosite & Chrysotile



Laundry, Timaru Hospital

Ground Floor Laundry Under stairs cupboard (052)

Vinyl floor covering - Grey - Vinyl Products

Sample No. A16525

No Asbestos Detected



Laundry, Timaru Hospital

External first floor wall cladding to stairwell (053)

External wall cladding - Cement Product

Sample No. A16526

Crocidolite & Chrysotile



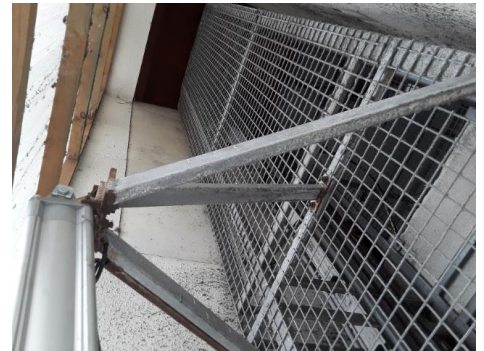
Laundry, Timaru Hospital

External Laundry lift / Wash room entrance (054)

High level canopy ceiling and lift wall - Cement Product



Sample No. Presumed

Crocidolite, Amosite & Chrysotile



<p>Laundry, Timaru Hospital</p> <p>Basement North corner rear basement (055)</p> <p>Residues to redundant pipework to floor - Insulation</p> <p>Sample No. A16557</p> <p>Amosite</p>		
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<p>Laundry, Timaru Hospital</p> <p>Basement Pebble ground surface 5m east of metal tanks to South West corner (100)</p> <p>Swap sample from ground surface - Dust Sample</p> <p>Sample No. A16049</p> <p>No Asbestos Detected</p>		
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<p>Laundry, Timaru Hospital</p> <p>Basement Pebble ground surface 5m North of metal tanks to South West corner (101)</p> <p>Swap sample from ground surface - Dust Sample</p> <p>Sample No. A16050</p> <p>No Asbestos Detected</p>		
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Laundry, Timaru Hospital

Basement Door to switchboard room adjacent tunnel (102)

Swap sample from window surround - Dust Sample

Sample No. A16051

No Asbestos Detected



Laundry, Timaru Hospital

Basement Pipework adjacent to the entrance (103)

Swap sample from pipe top - Dust Sample

Sample No. A16052

No Asbestos Detected



Laundry, Timaru Hospital

1st Floor Sewing Room (104)

Swap sample from timber ledge to wall - Dust Sample

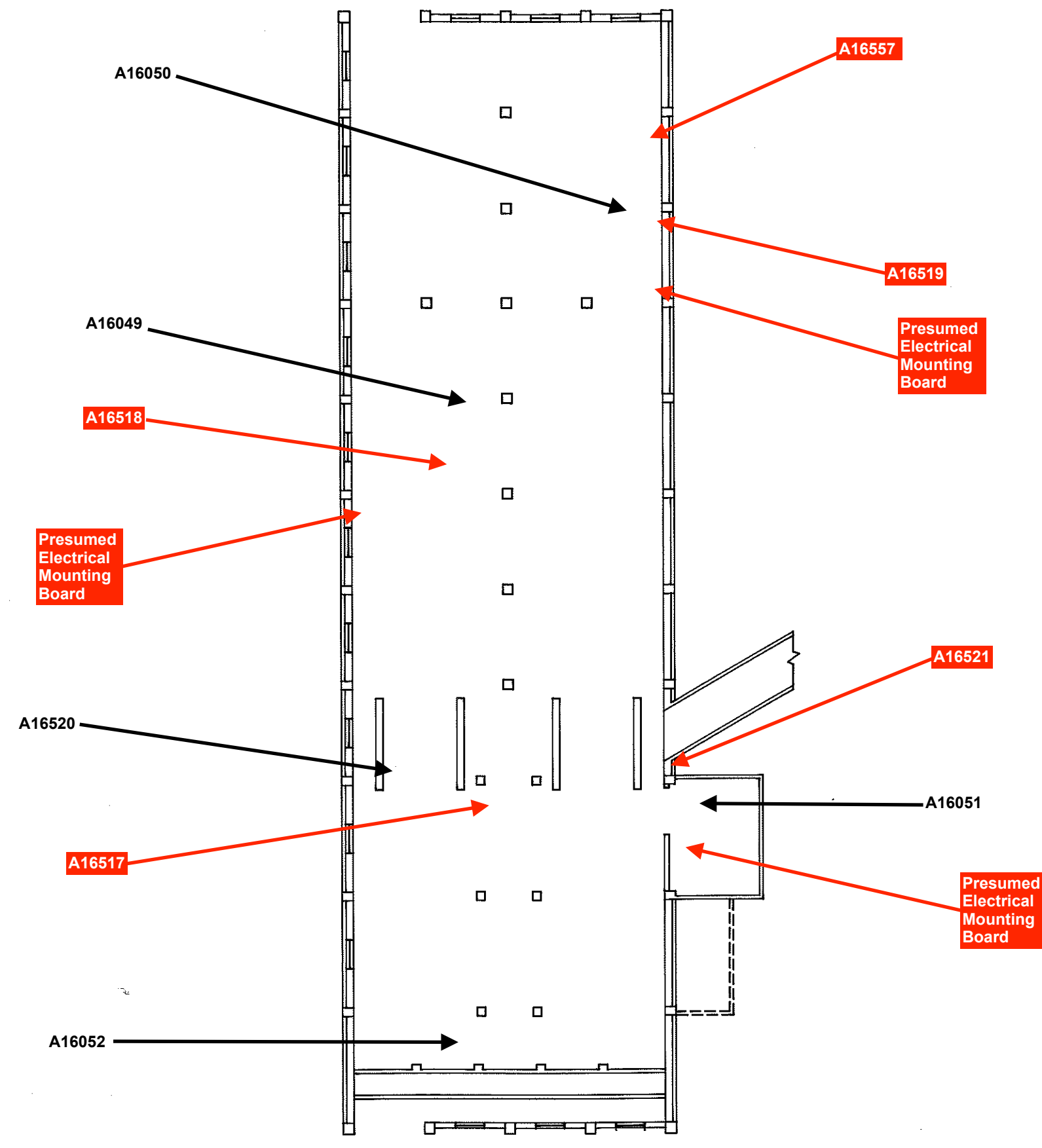
Sample No. A16056

No Asbestos Detected



Sample Location Site Plans

A
B
C
D
E
F
G
H
J
K
L



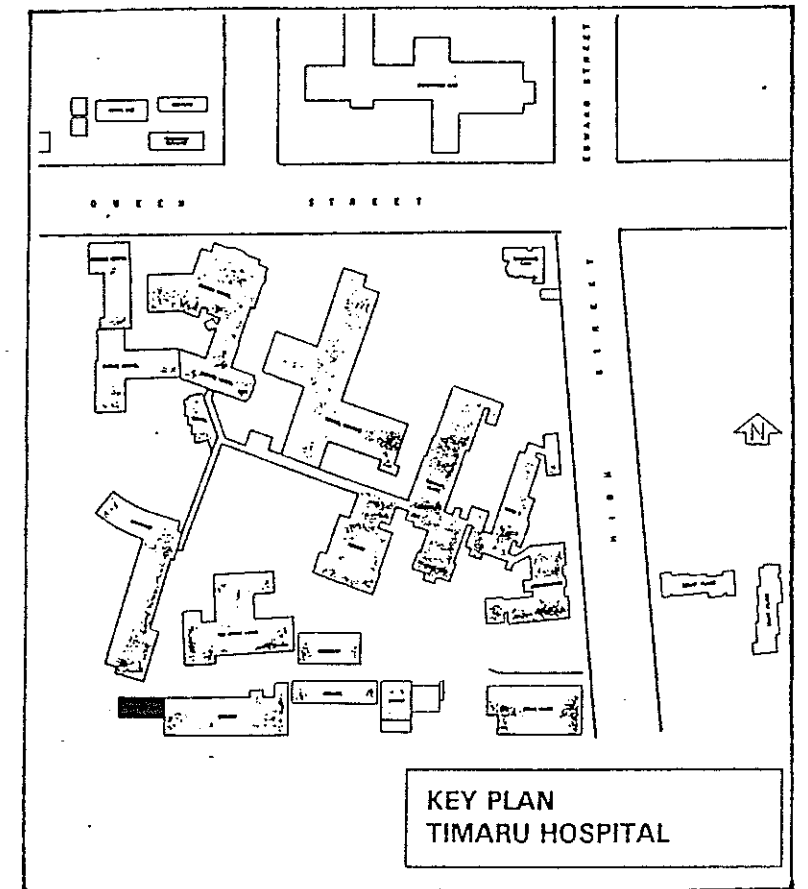
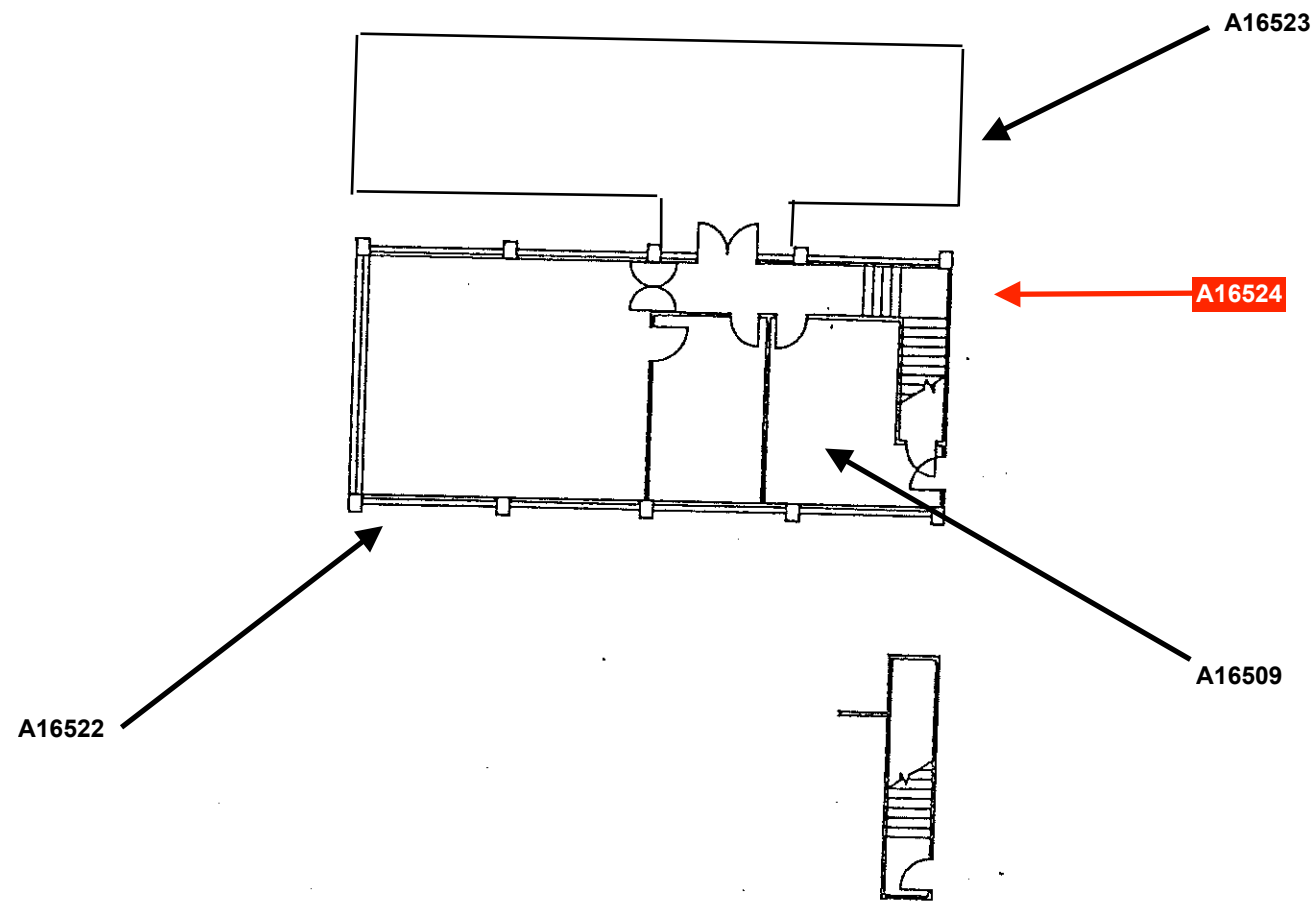
PLAN OF FLOOR "B"

<table border="1"> <tr> <th>ISSUE</th> <th>AMENDMENT</th> <th>DRN</th> <th>APPR</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		ISSUE	AMENDMENT	DRN	APPR	DATE						<table border="1"> <tr> <th>ISSUE</th> <th>AMENDMENT</th> <th>DRN</th> <th>APPR</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		ISSUE	AMENDMENT	DRN	APPR	DATE						<table border="1"> <tr> <td>DESIGN</td> <td>S.S.</td> <td>02-02</td> </tr> <tr> <td>CHECKED</td> <td> </td> <td> </td> </tr> <tr> <td>DESIGNED</td> <td> </td> <td> </td> </tr> <tr> <td>APPROVED</td> <td> </td> <td> </td> </tr> <tr> <td>SCALE</td> <td>1/100</td> <td> </td> </tr> </table>	DESIGN	S.S.	02-02	CHECKED			DESIGNED			APPROVED			SCALE	1/100		<p>HEALTHBUILD DESIGN GROUP</p>	<p>DRAWING TITLE TIMARU HOSPITAL NEW LAUNDRY BASEMENT</p>	<p>CLIENT C.A.H.B.</p>
ISSUE	AMENDMENT	DRN	APPR	DATE																																						
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		<p>PROJ. No. 285-92 ADD. FILE U1201001</p> <p>13-12-1-1</p>																																								

SEWING ROOM

AUGUST 1993

Built 1966

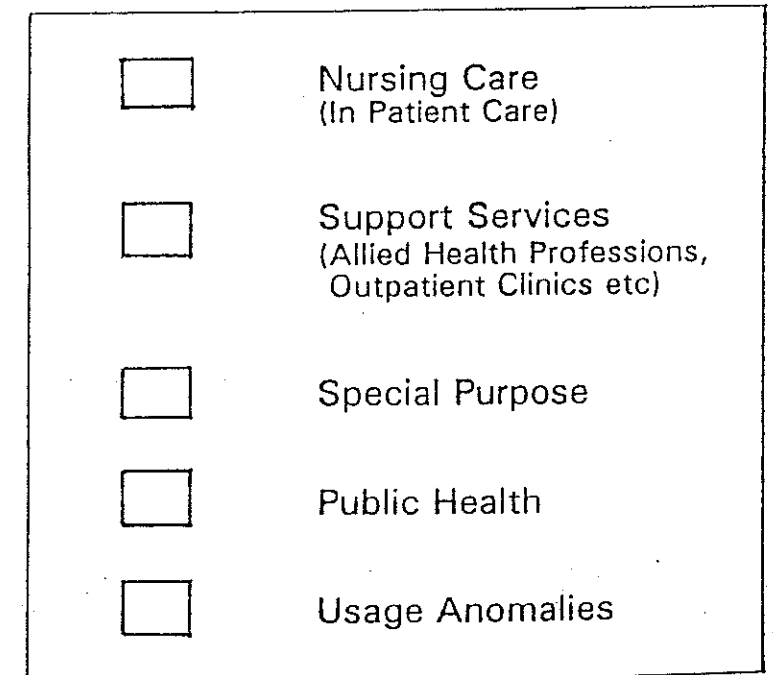
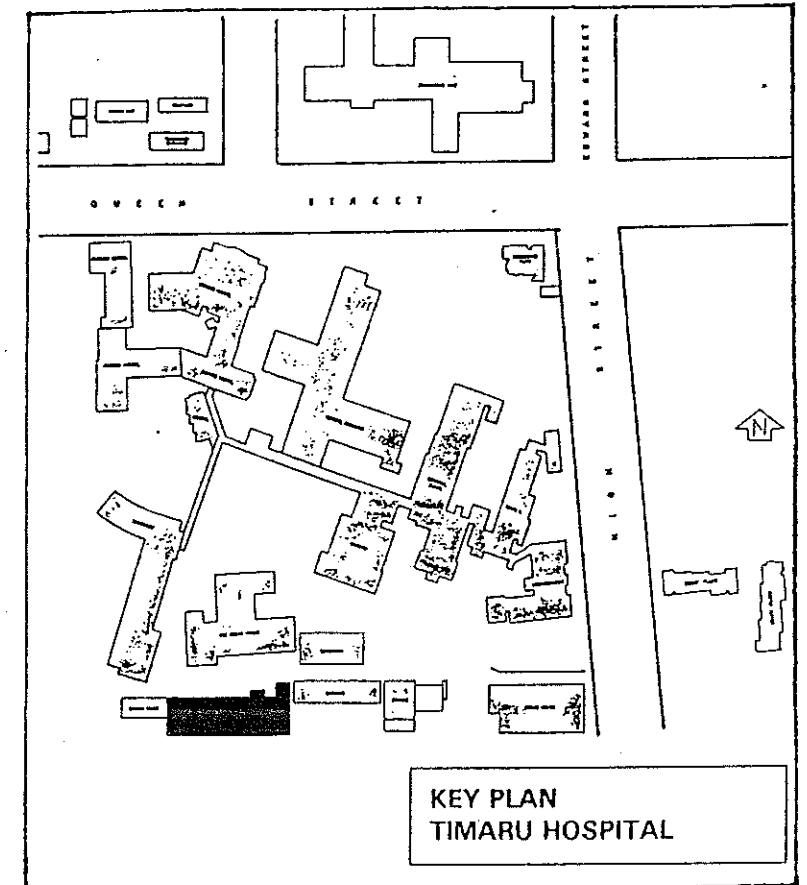
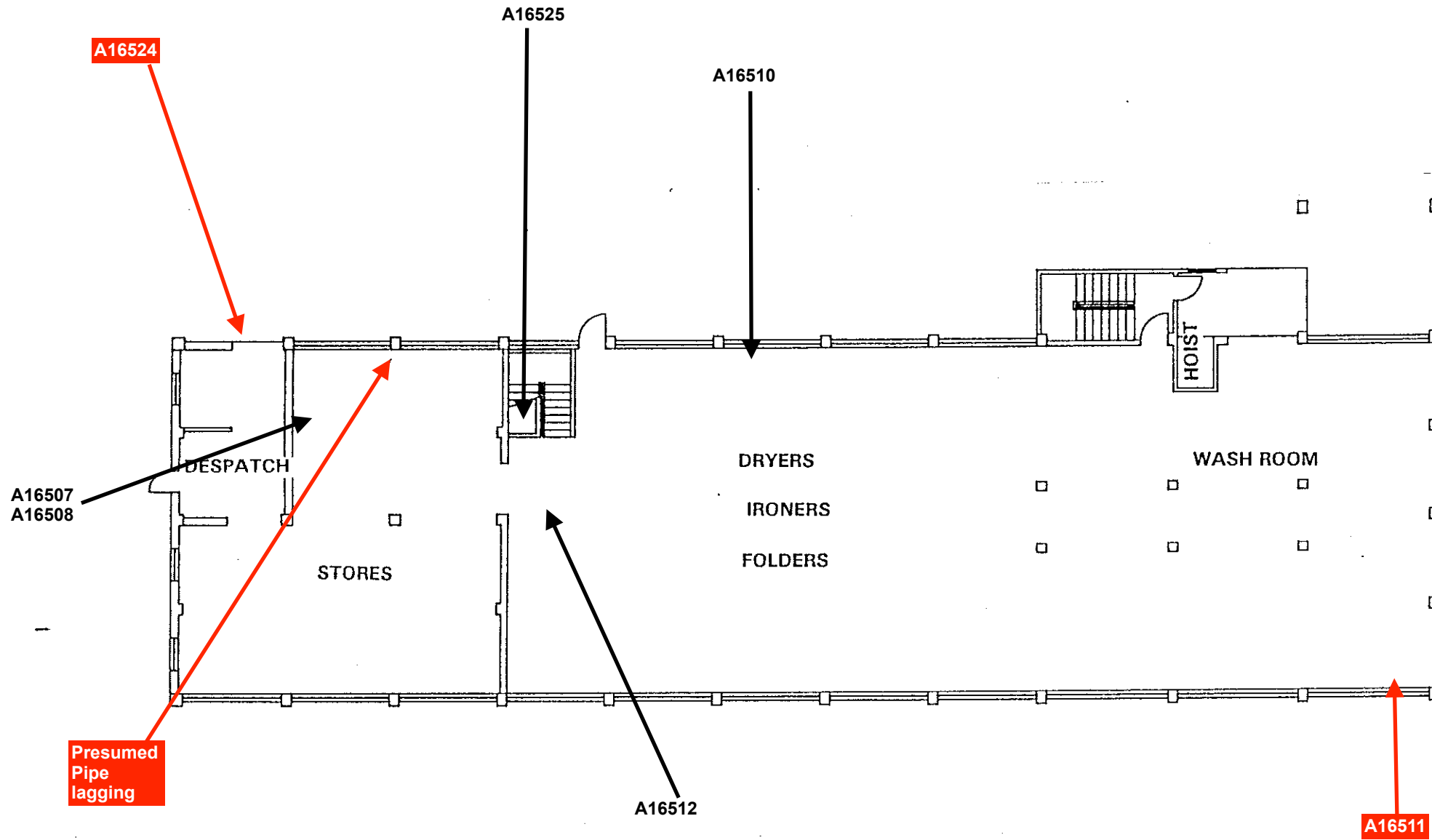


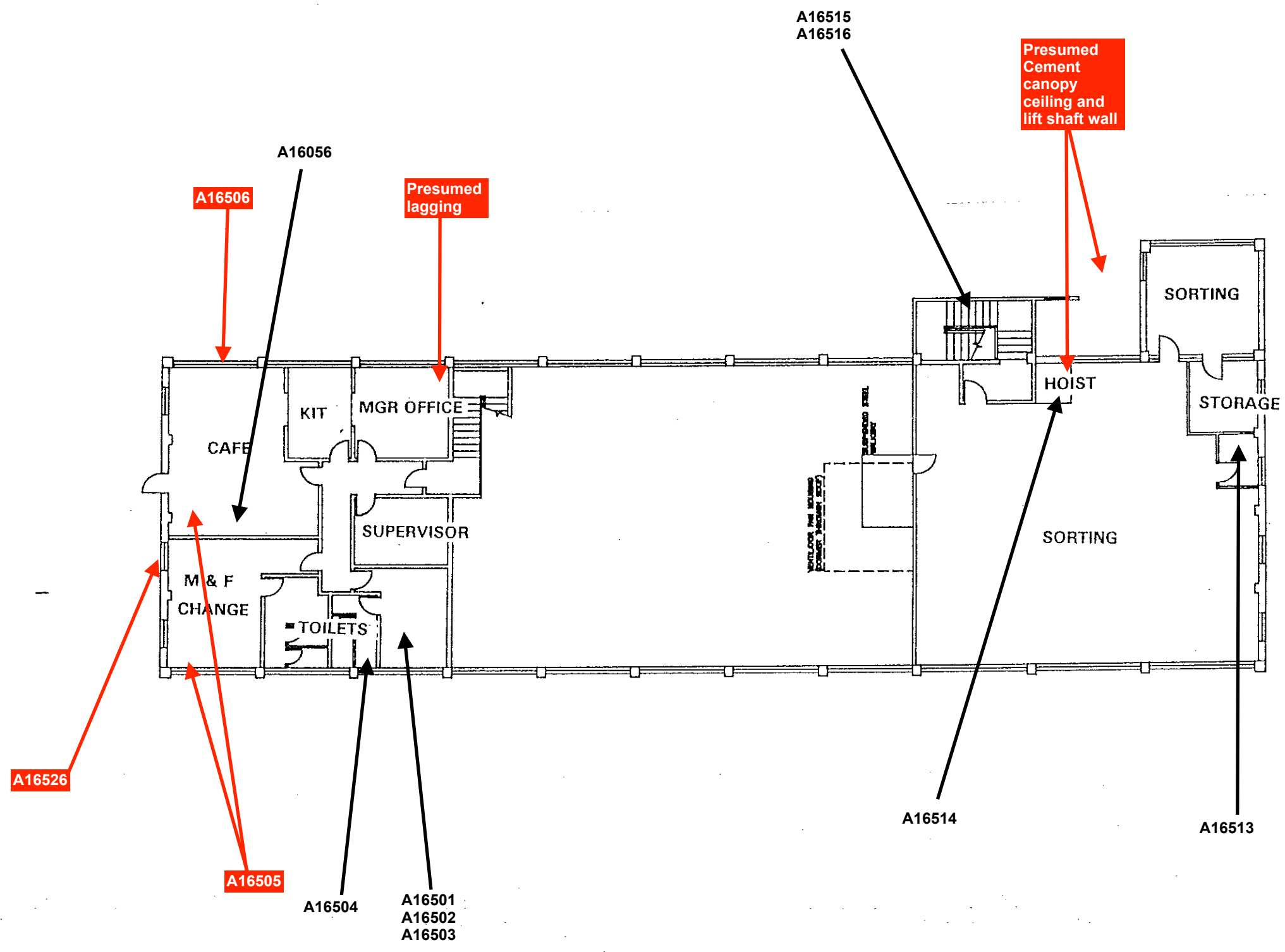
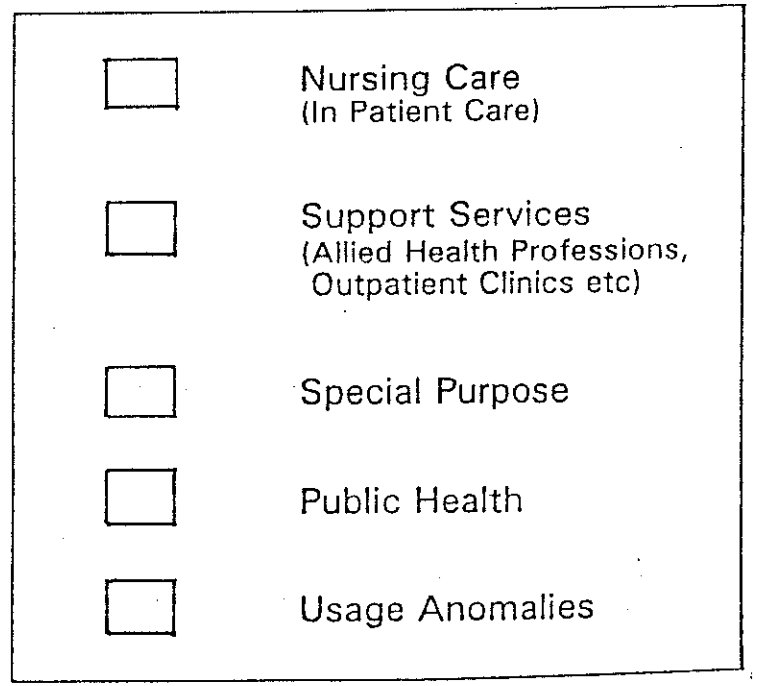
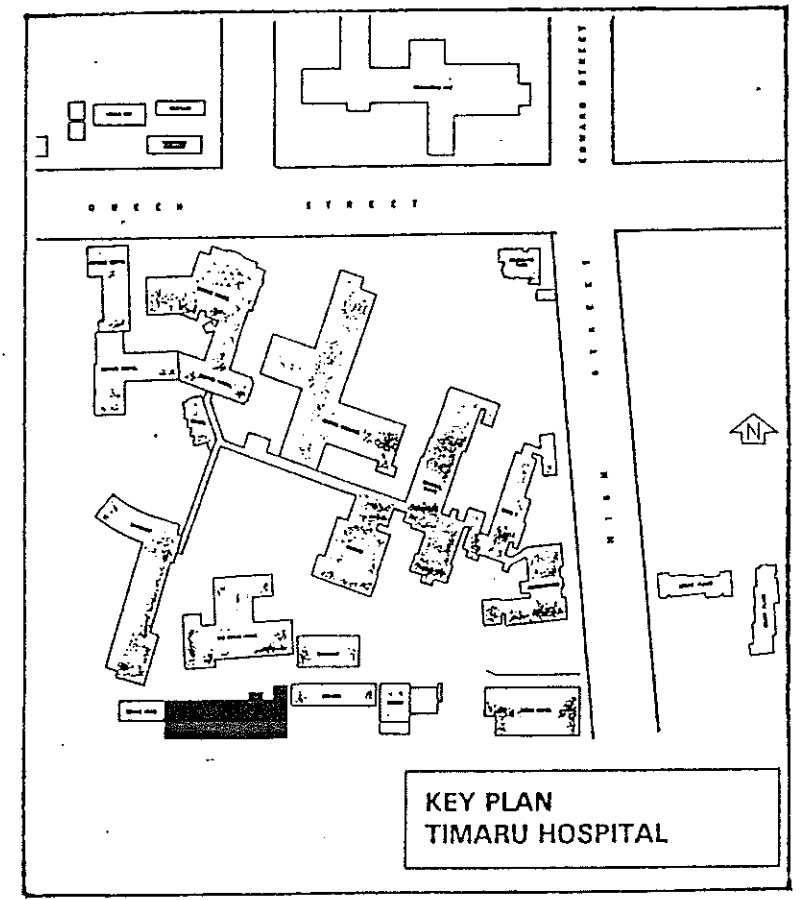
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<input type="checkbox"/>	Special Purpose
<input type="checkbox"/>	Public Health
<input type="checkbox"/>	Usage Anomalies

LAUNDRY
GROUND FLOOR

AUGUST 1993

Built 1966





Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5503

Client:	Asbestos Environmental Consultants	Date Sampled:	12/11/2018
Client Contact:	Ritchie Bower	Date Received:	13/11/2018
Telephone:	021 023 94186	Date Analysed:	13/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Laundry)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16501	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
002	A16502	Not supplied	Bitumastic Material	1 x 1	NAD, ORF	No
003	A16503	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF	No
004	A16504	Not supplied	Bitumastic Material	3 x 2	NAD, ORF	No
005	A16505	Not supplied	Insulation	2 x 2	AMO	Yes
006	A16506	Not supplied	Vinyl Tiles	2 x 2	CHR	Yes
007	A16507	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
008	A16508	Not supplied	Insulation	3 x 2	NAD, ORF	No
009	A16509	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
010	A16510	Not supplied	Insulation	2 x 1	NAD, ORF	No
011	A16511	Not supplied	Gasket	1 x 1	CHR, ORF	Yes
012	A16512	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF	No
013	A16513	Not supplied	Putty	1 x 1	NAD, ORF	No
014	A16514	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
015	A16515	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF	No
016	A16516	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
017	A16517	Not supplied	Insulation	2 x 2	CHR	Yes
018	A16518	Not supplied	Insulation	3 x 3	AMO	Yes
019	A16519	Not supplied	Insulation	1 x 1	AMO	Yes
020	A16520	Not supplied	Bitumastic Material	2 x 2	NAD, ORF	No
021	A16521	Not supplied	Insulation	4 x 3	CRO, AMO	Yes
022	A16522	Not supplied	Decorative Coating	3 x 2	NAD, ORF	No
023	A16523	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
024	A16524	Not supplied	Fibrous Board	1 x 1	CHR, AMO	Yes
025	A16525	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
026	A16526	Not supplied	Debris	1 x 1	CHR, CRO	Yes

Fibre Identification Legend

CHR Chrysotile (white asbestos)
AMO Amosite (Brown/Grey asbestos)
CRO Crocidolite (Blue asbestos)
UMF Unknown Mineral Fibre

ORF Organic Fibre
SMF Synthetic Mineral Fibre
NFD No Fibres Detected
NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5603

Client:	Asbestos Environmental Consultants	Date Sampled:	16/11/2018
Client Contact:	Ritchie Bower	Date Received:	16/11/2018
Telephone:	021 023 94186	Date Analysed:	16/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Laundry)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16557	Not supplied	Insulation	1 x 1	AMO	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5603-001

Client:	Asbestos Environmental Consultants	Date Sampled:	12/12/2018
Client Contact:	Ritchie Bower	Date Received:	13/12/2018
Telephone:	021 023 94186	Date Analysed:	13/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Laundry #3)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

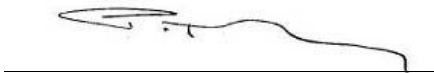
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16049	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
002	A16050	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
003	A16051	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
004	A16052	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
005	A16056	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Maintenance and Supply, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00639 (P1213-010)
Date of survey: 12 - 13 November 2018



Maintenance and Supply, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
1st Floor Hall Corridor (001)	Vinyl Products - Vinyl floor covering - Brown	A16543	0	-	-	-	-	0	-	A6	Presume vinyl floor covering to extend under carpets throughout level
1st Floor North West store (002)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Present below carpet
1st Floor Northeast store (003)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Present below carpet
1st Floor Information Systems (central store) (004)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Present below carpet
1st Floor Southeast store (005)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Present below carpet
1st Floor Southwest store (006)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Present below carpet
1st Floor Southwest store (007)	Vinyl Products - Vinyl Tiles to window ledge	A16544	0	-	-	-	-	0	-	A6	
1st Floor Toilet (008)	Vinyl Products - Vinyl floor covering - Blue tile	A16545	0	-	-	-	-	0	-	A6	
1st Floor IT store (009)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	
1st Floor Stair Landing (010)	Vinyl Products - Vinyl floor covering - Brown	Reference A16543	0	-	-	-	-	0	-	A6	Presume vinyl floor covering to extend under carpets throughout level
Ground Floor Stairs (011)	Vinyl Products - Vinyl floor covering – salmon	A16547	0	-	-	-	-	0	-	A6	
Ground Floor Stores (012)	Vinyl Products - Vinyl floor covering - Brown	A16548	0	-	-	-	-	0	-	A6	
Ground Floor Stores - Kitchenette (013)	Vinyl Products - Vinyl floor covering - Pink	A16549	0	-	-	-	-	0	-	A6	
Ground Floor Stores Reception (014)	Vinyl Products - Vinyl floor covering - salmon	Reference A16547	0	-	-	-	-	0	-	A6	

Maintenance and Supply, Timaru Hospital



Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Stores Reception (015)	Cement Product - Boxing above roller door	A16550	0	-	-	-	-	0	-	A6	
Ground Floor Stores Reception (016)	Electrical Mounting Board - Electrical Mounting Board	A16551	0	-	-	-	-	0	-	A6	
Ground Floor Maintenance Reception Office (017)	Vinyl Products - Vinyl covering to window ledges	A16552	0	-	-	-	-	0	-	A6	
Basement Stair / Cupboard (023)	Vinyl Products - Vinyl floor covering - Red	A16554	0	-	-	-	-	0	-	A6	
Basement Stair / Cupboard (024)	Vinyl Products - Vinyl stair nosing	A16555	0	-	-	-	-	0	-	A6	
Basement Stairs / Cupboard (025)	Insulation - Insulation to pipes and associated debris within wall void	Reference A16541	2	2	3	3	0	10	~1 m ²	A4	Damaged pipe lagging and associated debris is present to the void directly to the rear of a plasterboard infill panel to wall. Friable debris was identified from the adjoining building (Garage 10). Further controls are recommended.
1st Floor Stairs (027)	Vinyl Products - Vinyl floor covering - Grey greens	A16546	0	-	-	-	-	0	-	A6	
Ground Floor Maintenance Toilet (028)	Vinyl Products - Vinyl floor covering - Dark Grey	A16553	0	-	-	-	-	0	-	A6	



No Access Areas

Maintenance and Supply, Timaru Hospital, No intrusive/ destructive inspection techniques used (029)



Maintenance and Supply, Timaru Hospital, Basement Maintenance Workshop (021) - No inspection to rear of synthetic lagging to pipes or to stored items throughout workshops and stores.

Photographs

<p>Maintenance and Supply, Timaru Hospital</p> <p>1st Floor Hall Corridor (001)</p> <p>Vinyl floor covering - Brown - Vinyl Products</p> <p>Sample No. A16543</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>1st Floor Southwest store (007)</p> <p>Vinyl Tiles to window ledge - Vinyl Products</p> <p>Sample No. A16544</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>1st Floor Toilet (008)</p> <p>Vinyl floor covering - Blue tile - Vinyl Products</p> <p>Sample No. A16545</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>Ground Floor Stairs (011)</p> <p>Vinyl floor covering - salmon - Vinyl Products</p> <p>Sample No. A16547</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>Ground Floor Stores (012)</p> <p>Vinyl floor covering - Brown - Vinyl Products</p> <p>Sample No. A16548</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>Ground Floor Stores - Kitchenette (013)</p> <p>Vinyl floor covering - Pink - Vinyl Products</p> <p>Sample No. A16549</p> <p>No Asbestos Detected</p>		
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Maintenance and Supply,
Timaru Hospital

Ground Floor Stores Reception
(015)

Boxing above roller door -
Cement Product

Sample No. A16550

No Asbestos Detected



Maintenance and Supply,
Timaru Hospital

Ground Floor Stores Reception
(016)

Electrical Mounting Board -
Electrical Mounting Board

Sample No. A16551

No Asbestos Detected



Maintenance and Supply,
Timaru Hospital


Ground Floor Maintenance
Reception Office (017)

Vinyl covering to window ledges -
Vinyl Products

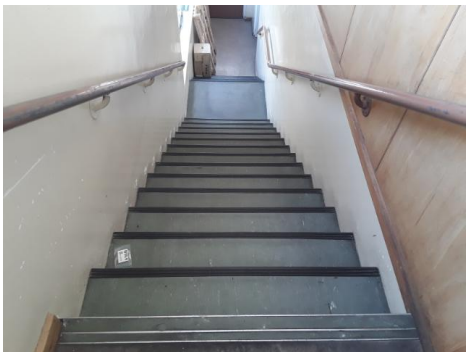

Sample No. A16552

No Asbestos Detected



<p>Maintenance and Supply, Timaru Hospital</p> <p>Basement Stair / Cupboard (023)</p> <p>Vinyl floor covering - Red - Vinyl Products</p> <p>Sample No. A16554</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>Basement Stair / Cupboard (024)</p> <p>Vinyl stair nosing - Vinyl Products</p> <p>Sample No. A16555</p> <p>No Asbestos Detected</p>		
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<p>Maintenance and Supply, Timaru Hospital</p> <p>1st Floor Stairs (027)</p> <p>Vinyl floor covering - Grey greens - Vinyl Products</p> <p>Sample No. A16546</p> <p>No Asbestos Detected</p>		
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Maintenance and Supply,
Timaru Hospital

Ground Floor Maintenance
Toilet (028)

Vinyl floor covering - Dark Grey
- Vinyl Products

Sample No. A16553

No Asbestos Detected



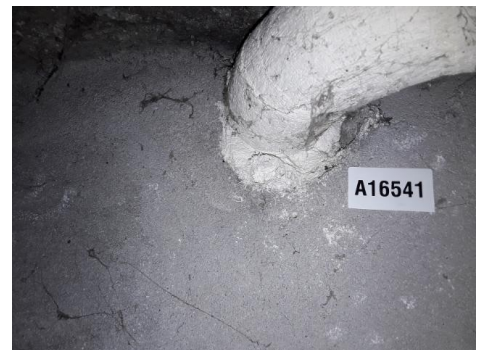
Maintenance and Supply refer to
Orthotic Department, Timaru
Hospital

Basement Garage 7 (022)

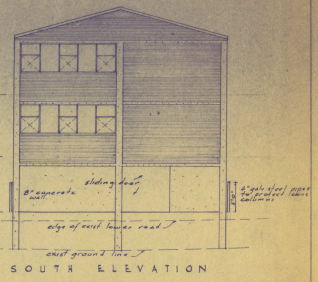
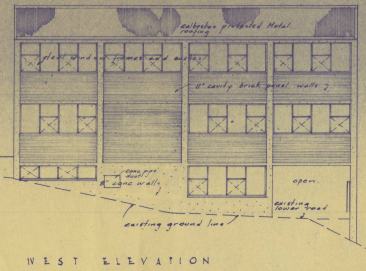
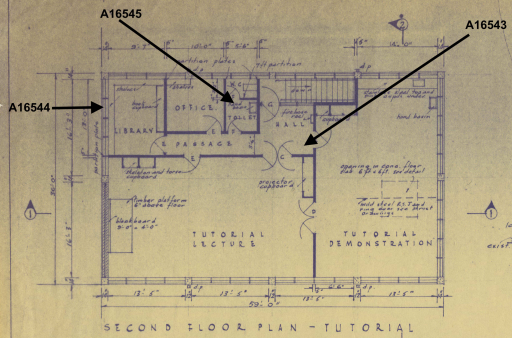
Insulation within wall penetration
- Insulation

Sample No. Reference
A16541

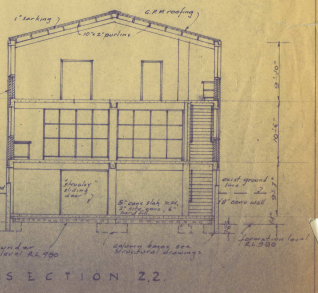
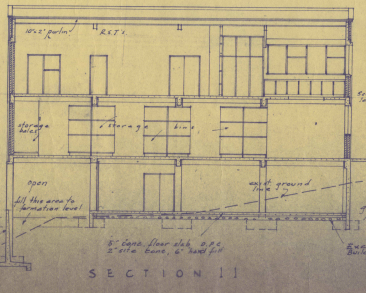
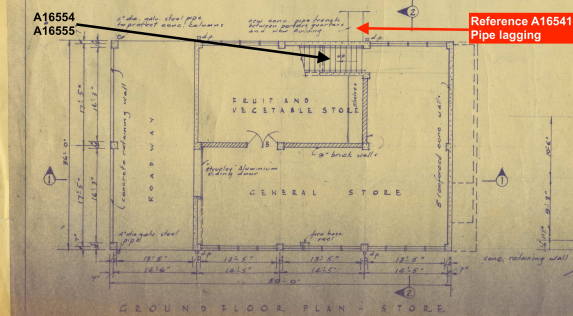
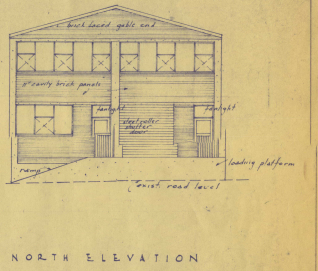
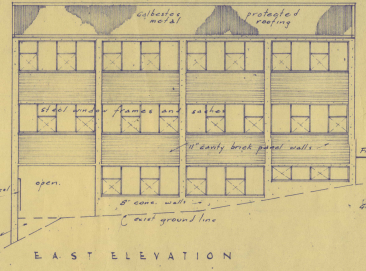
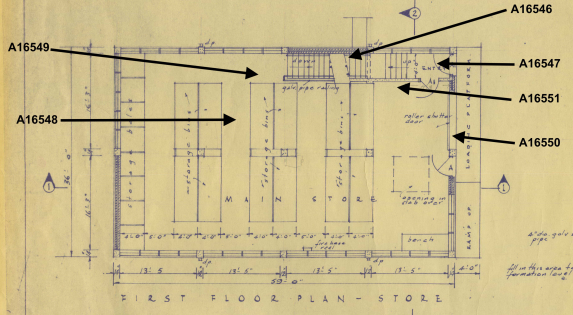
Amosite & Chrysotile



Sample Location Site Plans



LEGEND
 JAMES WELLS IN PLAN FROM
 CONCRETE WALLS
 BRICK WALLS
 NOTE FOR CONCRETE SIZES AND REINFORCING
 DETAIL THE STRUCTURAL DRAWING



Reference A16541
 Pipe lagging

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5604

Client:	Asbestos Environmental Consultants	Date Sampled:	16/11/2018
Client Contact:	Ritchie Bower	Date Received:	16/11/2018
Telephone:	021 023 94186	Date Analysed:	16/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Maintenance Department)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.


Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16543	Not supplied	Vinyl Tiles	2 x 2	NAD, ORF	No
002	A16544	Not supplied	Vinyl Tiles	2 x 2	NAD, ORF	No
003	A16545	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF, SMF	No
004	A16546	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
005	A16547	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
006	A16548	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
007	A16549	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
008	A16550	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
009	A16551	Not supplied	Bitumastic Material	0.5 x 0.5	NAD, ORF	No
010	A16552	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
011	A16553	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
012	A16554	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
013	A16555	Not supplied	Bitumastic Material	2 x 2	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Medlab, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00640 (P1213-011)
Date of survey: 19 November 2018



Medlab, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Store (002)	Vinyl Products - Vinyl floor covering - Blue speckled	A16596	0	-	-	-	-	0	-	A6	
Ground Floor Laboratory (003)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Dark Room (004)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Histology (005)	Vinyl Products - Vinyl floor covering - Dark blue speckled	A16597	0	-	-	-	-	0	-	A6	
Ground Floor Cut up Room (006)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Cut up Room (007)	Cement Product - Splash back panels to walls	A16598	0	-	-	-	-	0	-	A6	
Ground Floor Cool Room (008)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Toilet (013)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Toilet (014)	Cement Product - Splash back panels to walls	Reference A16598	0	-	-	-	-	0	-	A6	
Ground Floor Patient Room 2 (015)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Patient Corridor (016)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Patient room 1 (017)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Toilet (018)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	

Medlab, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Toilet (019)	Cement Product - Splash back panels to walls	Reference A16598	0	-	-	-	-	0	-	A6	
Ground Floor Patient room 3 (020)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Store Room (021)	Vinyl Products - Vinyl floor covering - Blue speckled	Reference A16596	0	-	-	-	-	0	-	A6	
Ground Floor Prep Room (022)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Male change / toil (024)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Male change / Toilet (025)	Cement Product - Splash back panels to walls	Reference A16598	0	-	-	-	-	0	-	A6	
Ground Floor Female change / toil (026)	Vinyl Products - Vinyl floor covering - Dark blue speckled	Reference A16597	0	-	-	-	-	0	-	A6	
Ground Floor Female change / Toilet (027)	Cement Product - Splash back panels to walls	Reference A16598	0	-	-	-	-	0	-	A6	
External Perimeter Roof (028)	Cement Product - Eaves	A16599	0	-	-	-	-	0	-	A6	
External Perimeter Walls (029)	Cement Product - Cement (pink) to rear of render	A16600	0	-	-	-	-	0	-	A6	Also present as surrounds to windows.
External Perimeter Walls (030)	Decorative Finishes - Textured render to cement wall lining	A16601	0	-	-	-	-	0	-	A6	Also present as surrounds to windows.
External Perimeter Walls (031)	Cement Product - Cement (grey) panels to walls	A16602	0	-	-	-	-	0	-	A6	Also present as surrounds to windows.

No Access Areas

Medlab, Timaru Hospital, No intrusive / destructive inspection techniques used (032)

Photographs

Medlab, Timaru Hospital

Ground Floor Store (002)

Vinyl floor covering - Blue speckled - Vinyl Products

Sample No. A16596

No Asbestos Detected



Medlab, Timaru Hospital

Ground Floor Histology (005)

Vinyl floor covering - Dark blue speckled - Vinyl Products

Sample No. A16597

No Asbestos Detected



Medlab, Timaru Hospital

Ground Floor Cut up Room (007)

Splash back panels to walls - Cement Product

Sample No. A16598

No Asbestos Detected



Medlab, Timaru Hospital
External Perimeter Roof (028)

Eaves - Cement Product

Sample No. A16599

No Asbestos Detected



Medlab, Timaru Hospital
External Perimeter Walls (029)

Cement (pink) to rear of render -
Cement Product

Sample No. A16600

No Asbestos Detected



Medlab, Timaru Hospital
External Perimeter Walls (030)

Textured render to cement wall
lining - Decorative Finishes

Sample No. A16601

No Asbestos Detected



Medlab, Timaru Hospital

External Perimeter Walls (031)

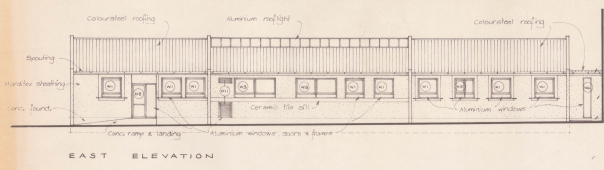
Cement (grey) panels to walls -
Cement Product

Sample No. A16602

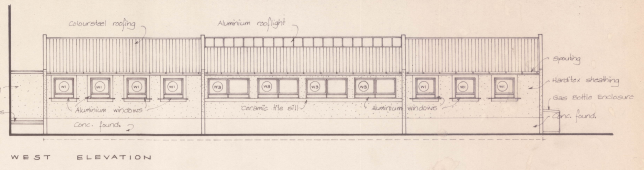
No Asbestos Detected



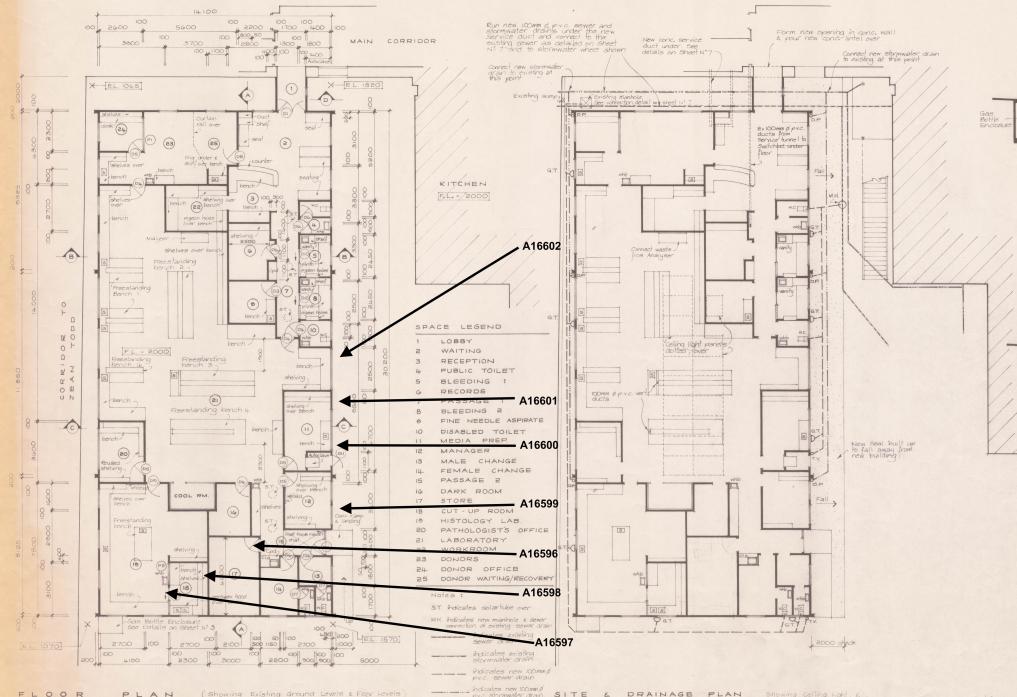
Sample Location Site Plans



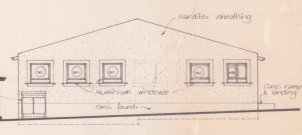
EAST ELEVATION



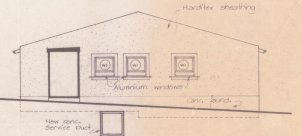
WEST ELEVATION



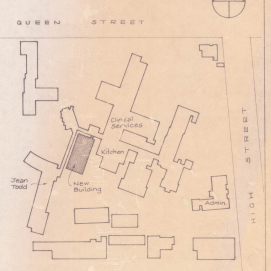
- SPACE LEGEND**
- 1 LOBBY
 - 2 WAITING
 - 3 RECEPTION
 - 4 PUBLIC TOILET
 - 5 BLEEDING 1
 - 6 RECORDS
 - 7 BLEEDING 2
 - 8 FINE NEEDLE ASPIRATE
 - 9 DISABLED TOILET
 - 10 MEDIA KEEPER
 - 11 MANAGER
 - 12 MALE CHANGE
 - 13 FEMALE CHANGE
 - 14 PASSAGE 2
 - 15 DARK ROOM
 - 16 STONE
 - 17 X-RAY ROOM
 - 18 HISTOLOGY LAB
 - 19 PATHOLOGIST'S OFFICE
 - 20 LABORATORY
 - 21 MANAGER
 - 22 DONORS
 - 23 DONOR'S OFFICE
 - 24 DONOR WAITING/RECOVERY
 - 25 ST Patrick's solar heater
 - 26
 - 27
 - 28
 - 29
 - 30
 - 31
 - 32
 - 33
 - 34
 - 35



SOUTH ELEVATION



NORTH ELEVATION



DESIGN	D.W.	SCALE	SHEET NO.
DRAWN	ADW	1:100	1
TRACED	ADW		
DATE			
OCTOBER 1957			

TIMARU HOSPITAL - NEW LABORATORY

D. J. WILSON & ASSOCIATES Registered Architects

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5731

Client:	Asbestos Environmental Consultants	Date Sampled:	22/11/2018
Client Contact:	Ritchie Bower	Date Received:	22/11/2018
Telephone:	021 023 94186	Date Analysed:	22/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Medilab)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16596	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF	No
002	A16597	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
003	A16598	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
004	A16599	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
005	A16600	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
006	A16601	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
007	A16602	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: MRI, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00641 (P1213-012)
Date of survey: 29 November 2018



MRI, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor MRI Corridor (014)	Cement Product - Ceiling	A16697	0	-	-	-	-	0	-	A6	
Ground Floor MRI Corridor (015)	Cement Product - Walls	A16698	0	-	-	-	-	0	-	A6	
External, External walls to MRI building and Corridor (016)	Cement Product - Wall cladding	A16699	0	-	-	-	-	0	-	A6	

No Access Areas

MRI, Timaru Hospital, No intrusive/ destructive inspection techniques used (019)

MRI, Timaru Hospital, Ground Floor MRI (007) - No access to room due to extreme magnetic fields. No asbestos suspected due to age and construction type.

MRI, Timaru Hospital, Ground Floor Cupboard next to MRI Corridor Toilet (013) - modern floor coverings throughout building

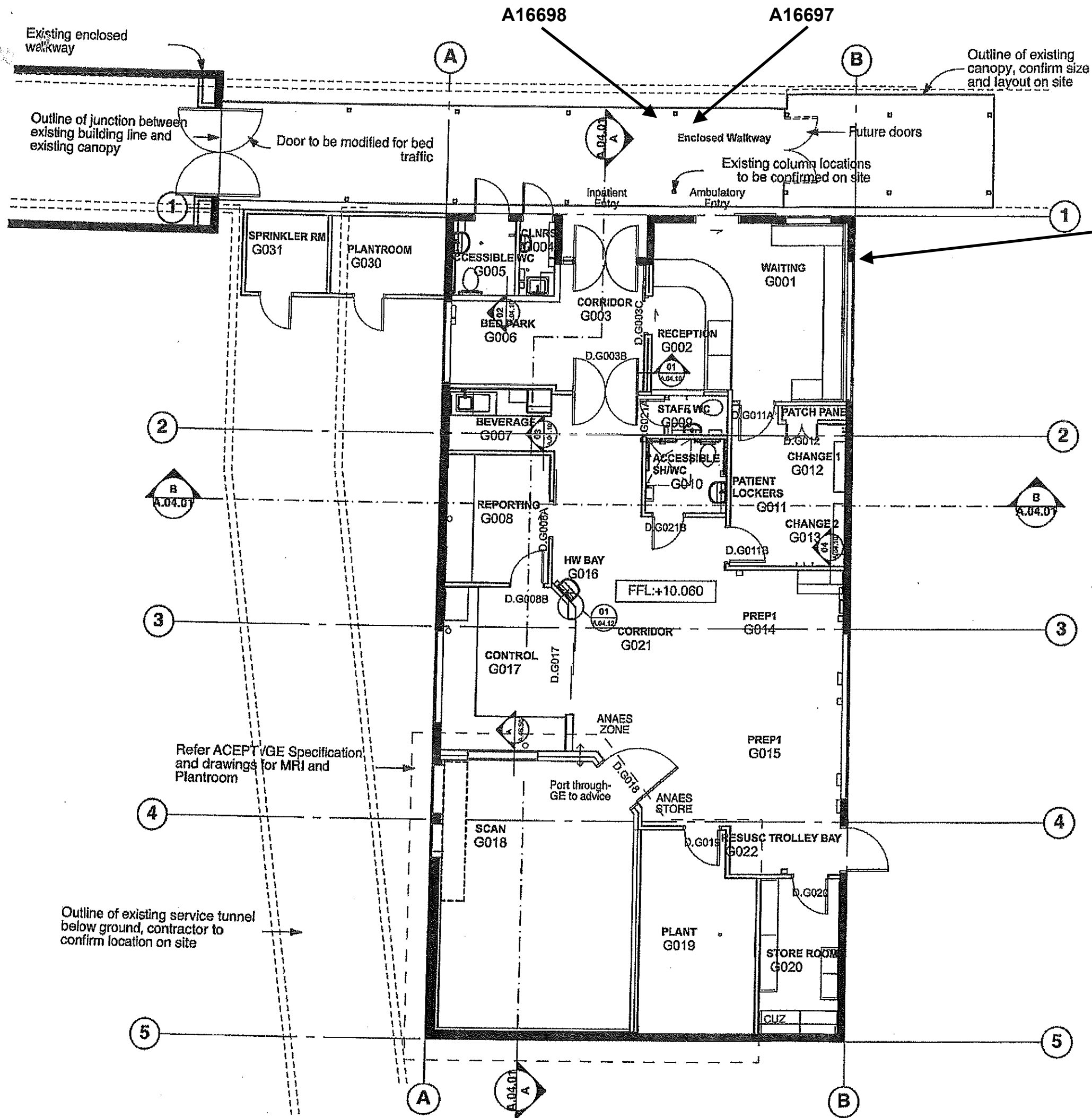
Photographs

<p>MRI, Timaru Hospital</p> <p>Ground Floor MRI Corridor (014)</p> <p>Ceiling - Cement Product</p> <p>Sample No. A16697</p> <p>No Asbestos Detected</p>		
---------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

<p>MRI, Timaru Hospital</p> <p>Ground Floor MRI Corridor (015)</p> <p>Walls - Cement Product</p> <p>Sample No. A16698</p> <p>No Asbestos Detected</p>		
-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

<p>MRI, Timaru Hospital</p> <p>External, External walls to MRI building and Corridor (016)</p> <p>Wall cladding - Cement Product</p> <p>Sample No. A16699</p> <p>No Asbestos Detected</p>		
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------

Sample Location Site Plans



REFERENCE PLAN LEGEND

1. Refer to drawing A.02.20 and A.02.25 for wall types and wall lining.
2. Refer to drawing A.06.01 for reflected ceiling plan
3. Refer to drawing A.07.01 for finishes plan
4. Refer to A.15.100 Room Layout drawings for individual room layouts.

GENERAL NOTE:
 Building Consent for Internal fitout only.
 Refer to DLA Architecture drawings/specification for external base build drawings, and to the structural engineer drawings for structural details.

Revision	Issue	Date
A	For Coordination	10.08.2012
B	Consent Amendments/Prising	17.08.2012

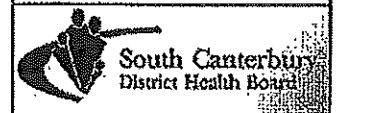
Timaru District Council
 18 FEB 2013
 BUILDING SERVICES

TIMARU DISTRICT COUNCIL
 BUILDING CONSENT

12.852

Approved Document
DETAILED DESIGN

Timaru MRI



Chow-Hill

Proposed Reference Plan

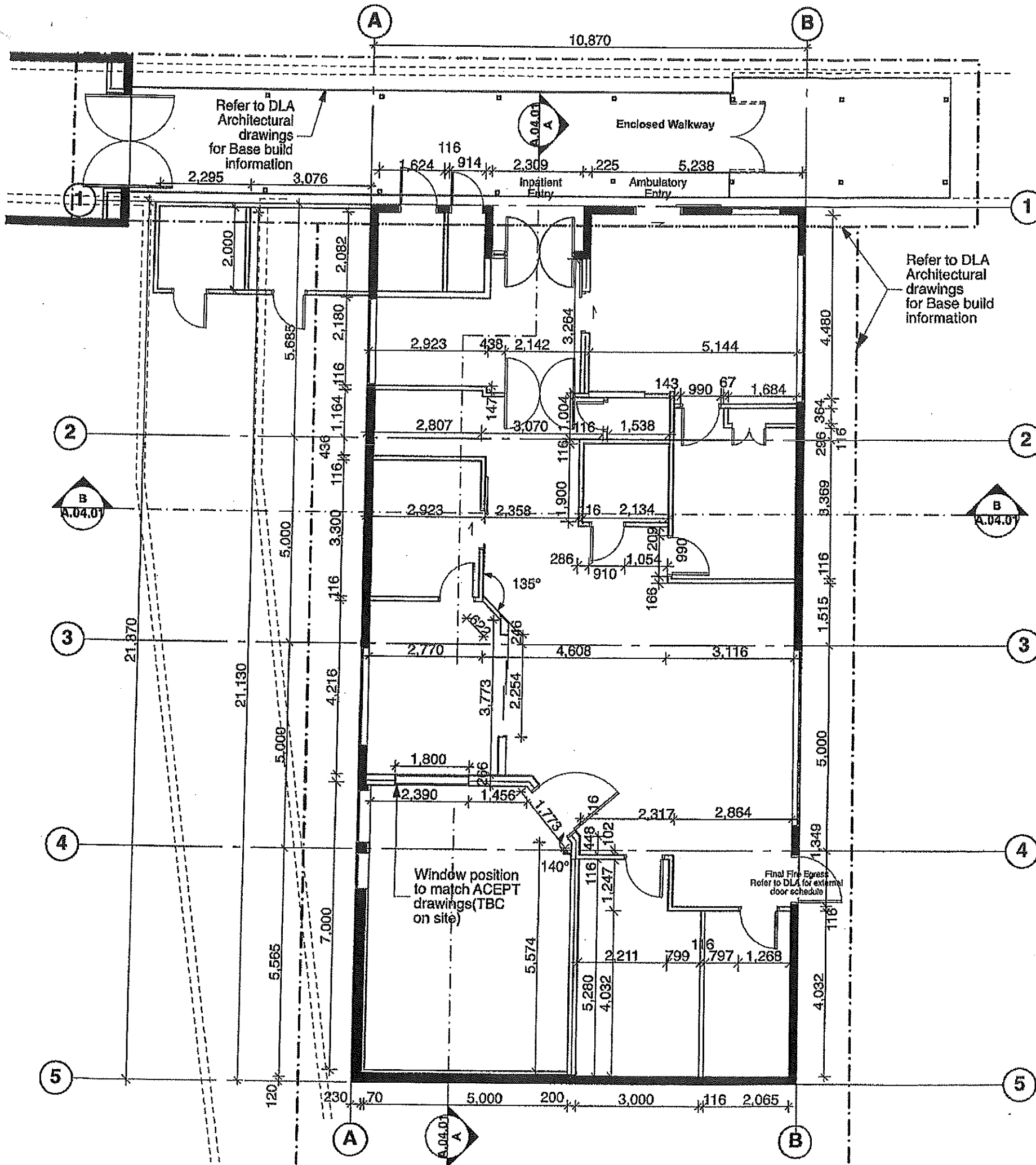
Sheet Title
 Job Number: 12204
 Revision: B
 Print Date: 17/08/12
 Scale: 1:100 @A3

A.02.01
 Drawing Number

CONSENT AMENDMENTS

A16699

teamwork://bim.auckland.chowhill.co.nz/12204 Timaru MRI WD



DIMENSION PLAN LEGEND

1. Refer to drawing A.02.20 and A.02.25 for wall types and wall lining.
2. Refer to drawing A.06.01 for reflected ceiling plan
3. Refer to drawing A.07.01 for finishes plan
4. All dimensions refer to the edge line of the wall framing setout to center line of the grids.
5. Refer to DLA Architecture drawings for Base build drawings and to the structural engineer drawings for structural details.

Revision	Issue	Date
A	For Coordination	10.08.2012
B	Consent Amendments/Prising	17.08.2012

Timaru District Council
18 FEB 2013
BUILDING SERVICES

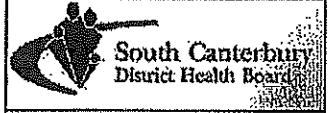
TIMARU DISTRICT COUNCIL
BUILDING CONSENT

12.852

Approved Document

DETAILED DESIGN

Timaru MRI



Chow-Hill

Proposed Dimension Plan

Sheet Title

Job Number: 12204
Revision: B
Print Date: 17/08/12
Scale: 1:100 @A3

A.02.10
Drawing Number

CONSENT AMENDMENTS

learnwork://bin.maki.chowhill.co.nz/12204 Timaru MRI WD

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5972

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (MRI)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

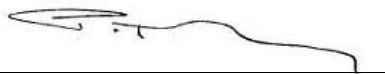
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16697	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
002	A16698	Not supplied	Fibre Cement	0.5 x 1	NAD, ORF	No
003	A16699	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Orderlies Wing, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00642 (P1213-013)
Date of survey: 29 - 30 November 2018



Orderlies Wing, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Uniforms (Office) (001)	Paper Product - Paper backing to vinyl bench top	A16712	1	1	2	0	1	5	~2 m ²	A3	Plan for routine removal
Ground Floor Control Office (002)	Paper Product - Paper backing to vinyl bench top	Reference A16712	1	1	2	0	1	5	~2 m ²	A3	Plan for routine removal
Ground Floor Orderlies Kitchen (011)	Vinyl Products - Vinyl floor covering - Green	A16713	0	-	-	-	-	0	-	A6	
Ground Floor Orderlies Corridor (012)	Vinyl Products - Vinyl floor covering - Red	A16714	0	-	-	-	-	0	-	A6	
Ground Floor Orderlies Corridor (013)	Vinyl Products - Vinyl floor covering - Beige	A16715	0	-	-	-	-	0	-	A6	

No Access Areas

No intrusive / destructive inspection techniques used

Photographs

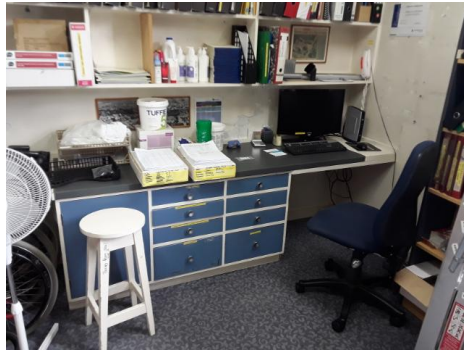
Orderlies Wing, Timaru Hospital

Ground Floor Uniforms (Office)
(001)

Paper backing to vinyl bench top
- Paper Product

Sample No. A16712

Chrysotile



Orderlies Wing, Timaru Hospital

Ground Floor Orderlies Kitchen
(011)

Vinyl floor covering - Green -
Vinyl Products

Sample No. A16713

No Asbestos Detected



Orderlies Wing, Timaru Hospital

Ground Floor Orderlies Corridor
(012)

Vinyl floor covering - Red - Vinyl
Products

Sample No. A16714

No Asbestos Detected



Orderlies Wing, Timaru Hospital

Ground Floor Orderlies Corridor
(013)

Vinyl floor covering - Beige -
Vinyl Products

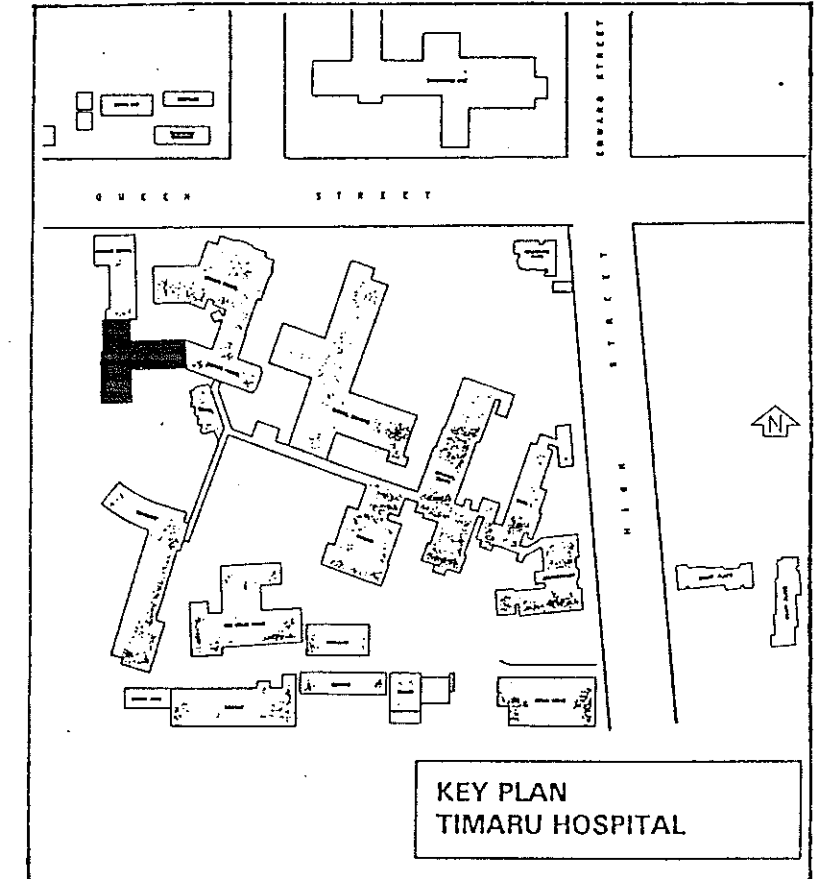
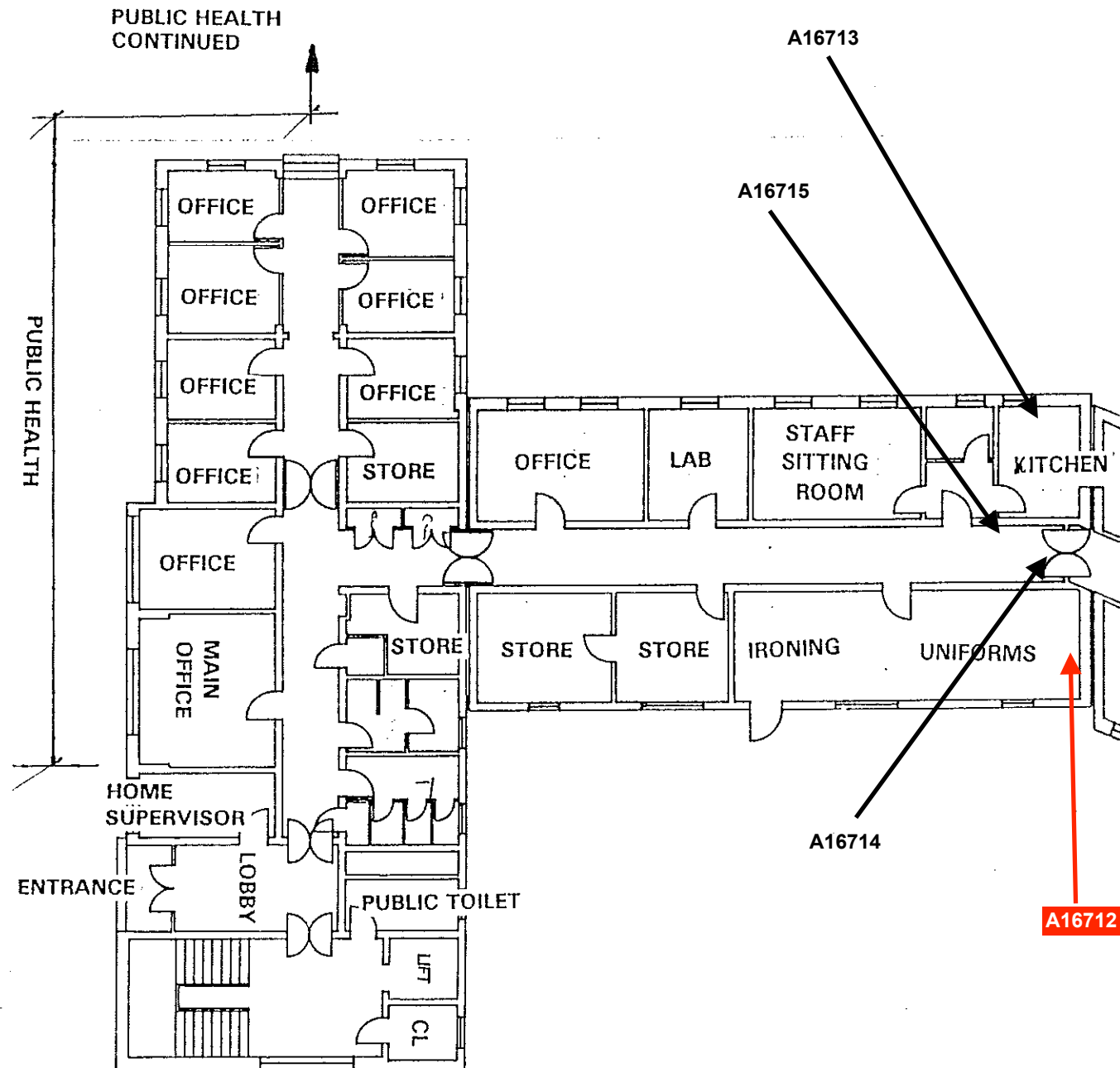
Sample No. A16715

No Asbestos Detected



Sample Location Site Plans

Built 1959



KEY PLAN
TIMARU HOSPITAL

CSB
A16717

<input type="checkbox"/>	Nursing Care (In Patient Care)
<input type="checkbox"/>	Support Services (Allied Health Professions, Outpatient Clinics etc)
<input type="checkbox"/>	Special Purpose
<input type="checkbox"/>	Public Health
<input type="checkbox"/>	Usage Anomalies

Analytical Reports

CERTIFICATE OF ANALYSIS**Asbestos Identification**

Certificate No: 18-5970

Client: Asbestos Environmental Consultants **Date Sampled:** 30/11/2018
Client Contact: Ritchie Bower **Date Received:** 3/12/2018
Telephone: 021 023 94186 **Date Analysed:** 3/12/2018
Email: results@asbestosnz.com **Order No.:** P1213
Address: Suite 11, Hillary House,
1 Alice Avenue
Orewa 0931 **Sampled By:** As Received
Site: Timaru Hospital (Orderlies Wing)

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

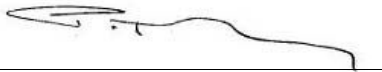
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16712	Not supplied	Backing Material	1 x 1	CHR, ORF	Yes
002	A16713	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
003	A16714	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
004	A16715	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley

**Approved Signatory**

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Orthotic Department, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00643 (P1213-014)
Date of survey: 12 November - 12 December 2018



Orthotic Department, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Reception lobby / Corridor (002)	Electrical Mounting Board - Electrical Mounting Board	Presumed	1	0	1	0	0	2	1 no	A5	
Ground Floor Store Room (003)	Vinyl Products - Vinyl floor covering - Brown	A16527	0	-	-	-	-	0	-	A6	
Ground Floor Store Room (004)	Paper Product - Paper underlay below Vinyl floor covering - Brown	A16528	0	-	-	-	-	0	-	A6	Presume present below vinyl floor coverings throughout building
Ground Floor Store Room (005)	Vinyl Products - Vinyl floor covering - Brown	Reference A16527	0	-	-	-	-	0	-	A6	
Ground Floor Corridor (006)	Vinyl Products - Vinyl floor covering - Brown	Reference A16527	0	-	-	-	-	0	-	A6	
Ground Floor Records Room (007)	Vinyl Products - Vinyl floor covering - Brown	Reference A16527	0	-	-	-	-	0	-	A6	
Ground Floor Rear of toilets store (008)	Vinyl Products - Vinyl floor covering - Beige	A16529	0	-	-	-	-	0	-	A6	
Ground Floor Toilets (009)	Vinyl Products - Vinyl floor covering - Light green	A16530	0	-	-	-	-	0	-	A6	
Ground Floor Store Room 3 (010)	Vinyl Products - Vinyl floor covering - Brown	Reference A16527	0	-	-	-	-	0	-	A6	
Ground Floor Finishing Room (011)	Vinyl Products - Vinyl floor covering - Brown	Reference A16527	0	-	-	-	-	0	-	A6	
Ground Floor Workshop (012)	Low Density Board - Panels to walls	A16531	2	2	2	1	1	8	~5 m ²	A3	Removal or paint encapsulation is recommended
Ground Floor Workshop (013)	Low Density Board - Panels below window	A16532	2	2	2	1	1	8	~0.5 m ²	A3	Removal or paint encapsulation is recommended
Ground Floor Workshop (014)	Vinyl Products - Vinyl floor covering - Green	A16534	0	-	-	-	-	0	-	A6	
External Perimeter Roof (015)	Cement Product - Front Porch Ceiling and eaves	A16533	1	1	1	0	0	3	~25 m ²	A5	

Orthotic Department, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External East Wall (016)	Cement Product - Wall panels	A16535	0	-	-	-	-	0	-	A6	
Basement Garage 1 (017)	Insulation - Pipe run Ceiling / Wall central room, residues to pipework	A16536	3	3	3	3	1	13	1 no	A1	Residues are present to both unclad pipe-runs. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 2 (018)	Insulation - Pipe run Ceiling / Wall central room, residues to pipework	Reference A16536	3	3	3	1	1	11	1 no	A1	Residues presumed to be present to pipes to rear of synthetic pipe insulation
Basement Garage 3 (019)	Insulation - Pipe run Ceiling / Wall central room, residues to pipework	A16537	2	3	3	3	1	12	1 no	A1	Residues are present to thin black pipe. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 5 (020)	Insulation - Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework	Reference A16537	2	3	3	3	1	12	2 no	A1	Residues are present to thin black pipe and hangers in several locations. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 4 (021)	Insulation - Residues to ceiling	A16539	0	-	-	-	-	0	-	A6	
Basement Garage 7 (022)	Insulation - Insulation within wall penetration	A16541	2	3	3	2	1	11	1 no	A1	
Basement Garage 7 (023)	Insulation - Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework	Reference A16540	2	3	3	3	1	12	2 no	A1	Residues are present to hangers in several locations. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 6 (024)	Insulation - Insulation within wall penetration	Reference A16541	2	3	3	2	1	11	1 no	A1	
Basement Garage 8 (025)	Insulation - Pipe run Ceiling / Wall central room, residues to pipework to rear of SMF	Reference A16540	2	3	3	3	1	12	1 no	A1	Presume to extend to rear of synthetic pipe cladding throughout the building

Orthotic Department, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Garage 8 (026)	Gaskets (compressed) - Gasket debris to floor	A16542	1	1	2	2	2	8	1 no	A2	Presume similar gaskets to be present among stored items. Removal is recommended for debris
Basement Garage 9 (027)	Insulation - Pipe run Ceiling / Wall central room, residues to pipework to rear of SMF	Reference A16540	2	3	3	3	1	12	NQ	A1	Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 10 (028)	Insulation - Insulation to pipes and associated debris within wall void	Reference A16541	2	3	3	3	1	12	NQ	A1	No access to sample without further controls in place
Basement Garage 10 (029)	Insulation - Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework	Reference A16537	2	3	3	3	1	12	NQ	A1	Residues are present to thin black pipe and hangers in several locations. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 4 (030)	Insulation - Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework	A16538	2	3	3	3	1	12	NQ	A1	Residues are present to thin black pipe and hangers. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 6 (031)	Insulation - Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework	A16540	2	3	3	3	1	12	NQ	A1	Residues are present to hangers in several locations. Presume to extend to rear of synthetic pipe cladding throughout the building
Basement Garage 7 Shelving within room (100)	Dust Sample - Swab sample from shelving	A16053	0	-	-	-	-	0	-	A6	
Basement Garage 10 Timber Surround to East wall void (101)	Dust Sample - Swab sample from timber top	A16054	2	3	3	3	2	13	NQ	A1	
Ground Floor Workshop adjacent bench drill (102)	Dust Sample - Swab sample from timber window frame	A16055	0	-	-	-	-	0	-	A6	

Orthotic Department, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Penetrations between ground floor and basement garages (104)	Insulation - Pipe insulation within penetrations	Presumed	3	2	3	1	0	9	NQ	A4	No access could be made to penetrations around pipes to radiators passing between levels. Asbestos pipe insulation was identified to this application to level below and should be presumed to be present within the body of the building.
Basement Garage 1 Cable tray to wall (105)	Dust Sample - Swab sample from top horizontal surface of cable tray	A16803	0	-	-	-	-	0	-	A6	
Basement Garage 2 (106)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16802	0	-	-	-	-	0	-	A6	
Basement Garage 3 (107)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16801	0	-	-	-	-	0	-	A6	
Basement Garage 4 (108)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16800	0	-	-	-	-	0	-	A6	
Basement Garage 5 (109)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16799	0	-	-	-	-	0	-	A6	
Basement Garage 6 (110)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16798	0	-	-	-	-	0	-	A6	
Basement Garage 8 (111)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16797	0	-	-	-	-	0	-	A6	
Basement Garage 9 (112)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16796	0	-	-	-	-	0	-	A6	
Basement Garage 10 (113)	Dust Sample - Swab sample from top horizontal surface to rear of garage	A16795	0	-	-	-	-	0	-	A6	

No Access Areas

Orthotic Department, Timaru Hospital, No intrusive / destructive inspection techniques used (114)

Photographs

Orthotic Department, Timaru Hospital

Ground Floor Reception lobby / Corridor (002)

Electrical Mounting Board -
Electrical Mounting Board

Sample No. Presumed

Chrysotile



Orthotic Department, Timaru Hospital

Ground Floor Store Room (003)

Vinyl floor covering - Brown -
Vinyl Products

Sample No. A16527

No Asbestos Detected



Orthotic Department, Timaru Hospital

Ground Floor Store Room (004)

Paper underlay below Vinyl floor
covering - Brown - Paper
Product



Sample No. A16528

No Asbestos Detected



<p>Orthotic Department, Timaru Hospital</p> <p>Ground Floor Rear of toilets store (008)</p> <p>Vinyl floor covering - Beige - Vinyl Products</p> <p>Sample No. A16529</p> <p>No Asbestos Detected</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Ground Floor Toilets (009)</p> <p>Vinyl floor covering - Light green - Vinyl Products</p> <p>Sample No. A16530</p> <p>No Asbestos Detected</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Ground Floor Workshop (012)</p> <p>Panels to walls - Low Density Board</p> <p>Sample No. A16531</p> <p>Amosite & Chrysotile</p>		
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Orthotic Department, Timaru Hospital

Ground Floor Workshop (013)

Panels below window - Low Density Board

Sample No. A16532

Amosite & Chrysotile



Orthotic Department, Timaru Hospital

Ground Floor Workshop (014)

Vinyl floor covering - Green - Vinyl Products

Sample No. A16534

No Asbestos Detected



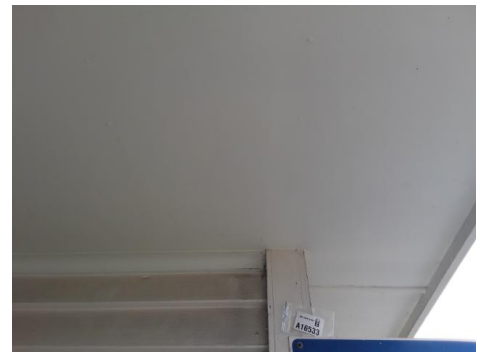
Orthotic Department, Timaru Hospital

External Perimeter Roof (015)

Front Porch Ceiling and eaves - Cement Product

Sample No. A16533

Chrysotile



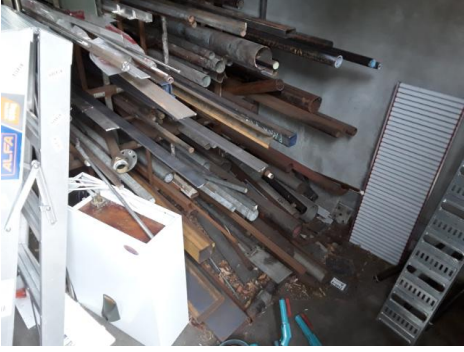

<p>Orthotic Department, Timaru Hospital</p> <p>External East Wall (016)</p> <p>Wall panels - Cement Product</p> <p>Sample No. A16535</p> <p>No Asbestos Detected</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Basement Garage 1 (017)</p> <p>Pipe run Ceiling / Wall central room, residues to pipework - Insulation</p> <p>Sample No. A16536</p> <p>Crocidolite, Amosite & Chrysotile</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Basement Garage 3 (019)</p> <p>Pipe run Ceiling / Wall central room, residues to pipework - Insulation</p> <p>Sample No. A16537</p> <p>Amosite & Chrysotile</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Basement Garage 4 (021)</p> <p>Residues to ceiling - Insulation</p> <p>Sample No. A16539</p> <p>No Asbestos Detected</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Basement Garage 7 (022)</p> <p>Insulation within wall penetration - Insulation</p> <p>Sample No. A16541</p> <p>Amosite & Chrysotile</p>		
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<p>Orthotic Department, Timaru Hospital</p> <p>Basement Garage 8 (026)</p> <p>Gasket debris to floor - Gaskets (compressed)</p> <p>Sample No. A16542</p> <p>Chrysotile</p>		
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Orthotic Department, Timaru Hospital

Basement Garage 4 (030)

Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework - Insulation

Sample No. A16538

Amosite & Chrysotile



Orthotic Department, Timaru Hospital

Basement Garage 6 (031)

Pipe run Ceiling / Wall central room, residues to pipe hangers and pipework - Insulation

Sample No. A16540

Amosite



Orthotic Department, Timaru Hospital

Basement Garage 7 Shelving within room (100)

Swab sample from shelving - Dust Sample

Sample No. A16053

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 10 Timber Surround to East wall void (101)

Swab sample from timber top - Dust Sample

Sample No. A16054

Amosite & Chrysotile



Orthotic Department, Timaru Hospital

Ground Floor Workshop adjacent bench drill (102)

Swab sample from timber window frame - Dust Sample

Sample No. A16055

No Asbestos Detected



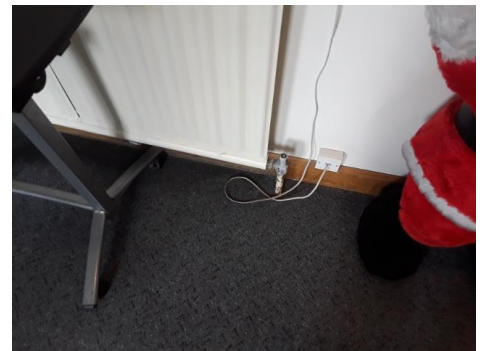
Orthotic Department, Timaru Hospital

Ground Floor Penetrations between ground floor and basement garages (104)

Pipe insulation within penetrations - Insulation

Sample No. Presumed

Crocidolite, Amosite & Chrysotile



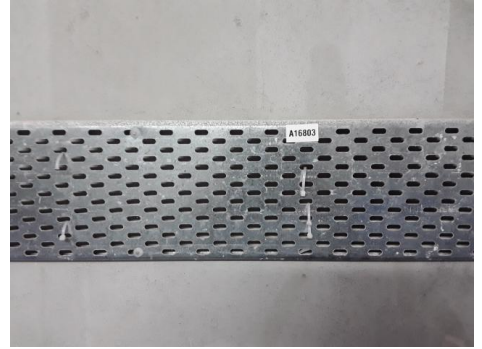
Orthotic Department, Timaru Hospital

Basement Garage 1 Cable tray to wall (105)

Swab sample from top horizontal surface of cable tray - Dust Sample

Sample No. A16803

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 2 (106)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16802

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 3 (107)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16801

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 4 (108)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16800

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 5 (109)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16799

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 6 (110)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16798

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 8 (111)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16797

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 9 (112)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16796

No Asbestos Detected



Orthotic Department, Timaru Hospital

Basement Garage 10 (113)

Swab sample from top horizontal surface to rear of garage - Dust Sample

Sample No. A16795

No Asbestos Detected



Sample Location Site Plans

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5504

Client:	Asbestos Environmental Consultants	Date Sampled:	12/11/2018
Client Contact:	Ritchie Bower	Date Received:	13/11/2018
Telephone:	021 023 94186	Date Analysed:	13/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Orthotic Department)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16527	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
002	A16528	Not supplied	Backing Material	4 x 3	NAD, ORF	No
003	A16529	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF	No
004	A16530	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
005	A16531	Not supplied	Fibrous Board	2 x 2	CHR, AMO	Yes
006	A16532	Not supplied	Fibrous Board	1 x 1	CHR, AMO	Yes
007	A16533	Not supplied	Fibre Cement	1 x 1	CHR	Yes
008	A16534	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
009	A16535	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
010	A16536	Not supplied	Insulation	2 x 1	CHR, AMO, CRO	Yes
011	A16537	Not supplied	Insulation	0.3 x 0.3	CHR, AMO	Yes
012	A16538	Not supplied	Debris	0.3 x 0.3	CHR, AMO	Yes
013	A16539	Not supplied	Debris	0.5 x 0.5	NAD, ORF	No
014	A16540	Not supplied	Insulation	0.3 x 0.3	AMO	Yes
015	A16541	Not supplied	Insulation	2 x 1	CHR, AMO	Yes
016	A16542	Not supplied	Gasket	2 x 1	CHR, ORF	Yes

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



CERTIFICATE OF ANALYSIS**Asbestos Identification**

Certificate No: 18-5504-001

Client: Asbestos Environmental Consultants **Date Sampled:** 12/12/2018
Client Contact: Ritchie Bower **Date Received:** 13/12/2018
Telephone: 021 023 94186 **Date Analysed:** 13/12/2018
Email: results@asbestosnz.com **Order No.:** P1213
Address: Suite 11, Hillary House,
1 Alice Avenue **Sampled By:** As Received
Orewa 0931
Site: Timaru Hospital (Orthotic Department #2)

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

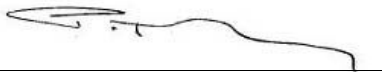
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16053	Not supplied	Dust / Debris	N/A	NAD, ORF	No
002	A16054	Not supplied	Dust / Debris	N/A	CHR, AMO , ORF	Yes
003	A16055	Not supplied	Dust / Debris	N/A	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley

**Approved Signatory**

Name: Philip Torley



CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5504-002

Client:	Asbestos Environmental Consultants	Date Sampled:	13/12/2018
Client Contact:	Ritchie Bower	Date Received:	14/12/2018
Telephone:	021 023 94186	Date Analysed:	14/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Orthotic Department #3)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.


Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16795	Not supplied	Dust / Debris	N/A	NAD, ORF	No
002	A16796	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
003	A16797	Not supplied	Dust / Debris	N/A	NAD, ORF	No
004	A16798	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
005	A16799	Not supplied	Dust / Debris	N/A	NAD, ORF	No
006	A16800	Not supplied	Dust / Debris	N/A	NAD, ORF	No
007	A16801	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
008	A16802	Not supplied	Dust / Debris	N/A	NAD, ORF, SMF	No
009	A16803	Not supplied	Dust / Debris	N/A	NAD, ORF	No

Fibre Identification Legend

CHR Chrysotile (white asbestos)	ORF Organic Fibre
AMO Amosite (Brown/Grey asbestos)	SMF Synthetic Mineral Fibre
CRO Crocidolite (Blue asbestos)	NFD No Fibres Detected
UMF Unknown Mineral Fibre	NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Pharmacy and Mortuary, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00644
Date of survey: 29 November 2018



Pharmacy and Mortuary, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Corridor 17 (001)	Vinyl Products - Vinyl floor covering - Beige	A16700	0	-	-	-	-	0	-	A6	
Ground Floor Corridor 17 (002)	Vinyl Products - Vinyl wall covering - Beige	A16701	0	-	-	-	-	0	-	A6	
Ground Floor Lobby 16 (004)	Vinyl Products - Vinyl wall covering - Beige	Reference A16701	0	-	-	-	-	0	-	A6	
Ground Floor Mortuary Prep Room (005)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
External Rear Canopy (006)	Cement Product - Ceiling and boxing	A16702	0	-	-	-	-	0	-	A6	
External Rear Canopy (007)	Cement Product - Gable Fascia Panels	Reference A16702	0	-	-	-	-	0	-	A6	
External Roof Sides (008)	Cement Product - Eaves	Reference A16702	0	-	-	-	-	0	-	A6	
External Walls (009)	Decorative Finishes - Textured coating to walls	A16703	0	-	-	-	-	0	-	A6	
External Walls (010)	Cement Product - Cement sheet to rear of Textured coating to walls	A16704	0	-	-	-	-	0	-	A6	
Ground Floor Dispensary (011)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
Ground Floor Lobby 9 (015)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
Ground Floor Toilet (016)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
Ground Floor Corridor (017)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
Ground Floor Store (018)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	

Pharmacy and Mortuary, Timaru Hospital

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Autopsy Room (019)	Vinyl Products - Vinyl floor covering - Beige	Reference A16700	0	-	-	-	-	0	-	A6	
Ground Floor Autopsy Room (020)	Vinyl Products - Vinyl wall covering - Beige	Reference A16701	0	-	-	-	-	0	-	A6	

No Access Areas

Pharmacy and Mortuary, Timaru Hospital, Ground Floor Shower (021)

No intrusive / destructive inspection techniques used

Photographs

Pharmacy and Mortuary, Timaru Hospital

Ground Floor Corridor 17 (001)

Vinyl floor covering - Beige - Vinyl Products

Sample No. A16700

No Asbestos Detected



Pharmacy and Mortuary, Timaru Hospital

Ground Floor Corridor 17 (002)

Vinyl wall covering - Beige - Vinyl Products

Sample No. A16701

No Asbestos Detected



Pharmacy and Mortuary, Timaru Hospital

External Rear Canopy (006)

Ceiling and boxing - Cement Product

Sample No. A16702

No Asbestos Detected



Pharmacy and Mortuary, Timaru Hospital

External Walls (009)

Textured coating to walls -
Decorative Finishes

Sample No. A16703

No Asbestos Detected



Pharmacy and Mortuary, Timaru Hospital

External Walls (010)

Cement sheet to rear of
Textured coating to walls -
Cement Product

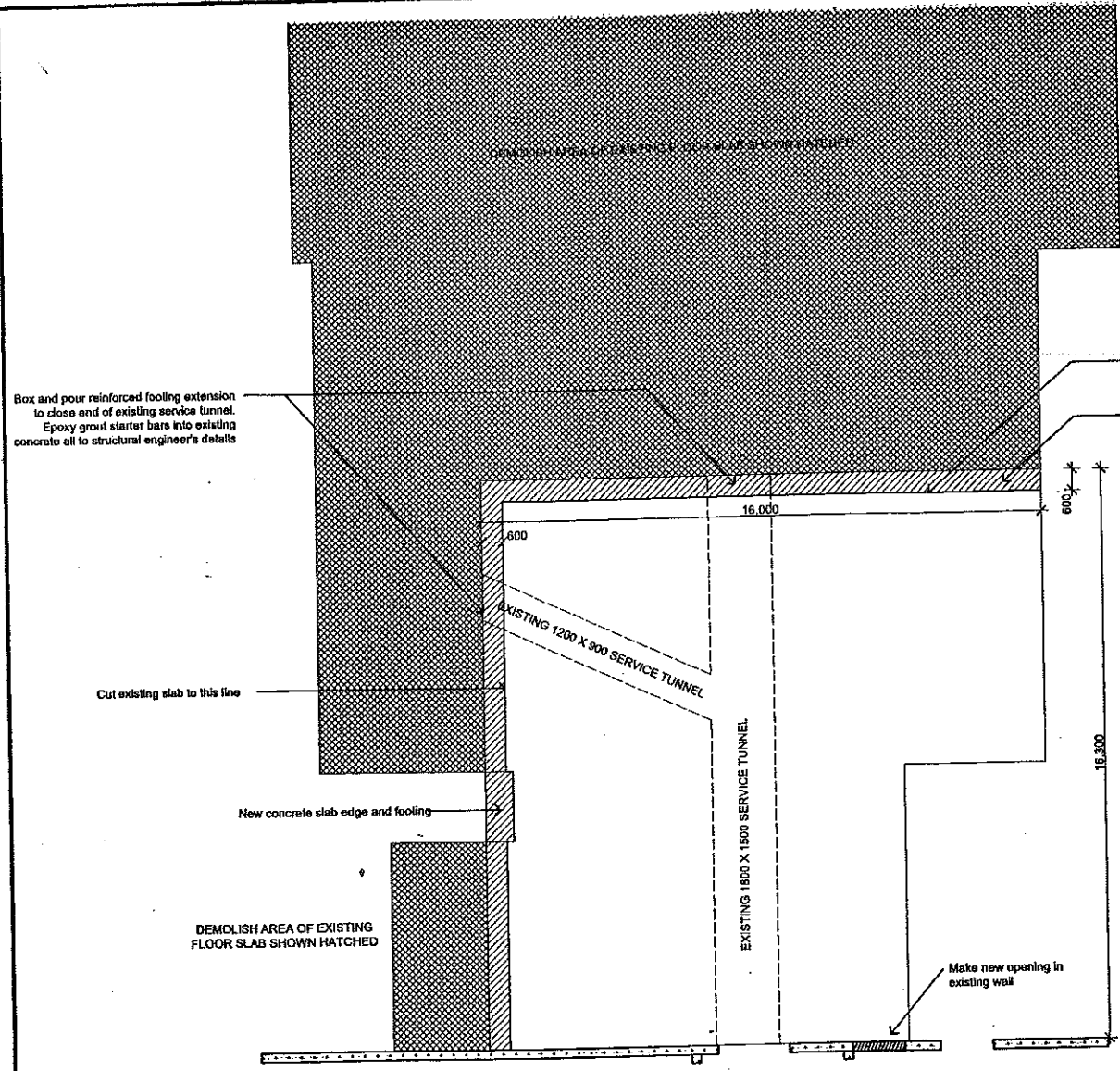
Sample No. A16704

No Asbestos Detected

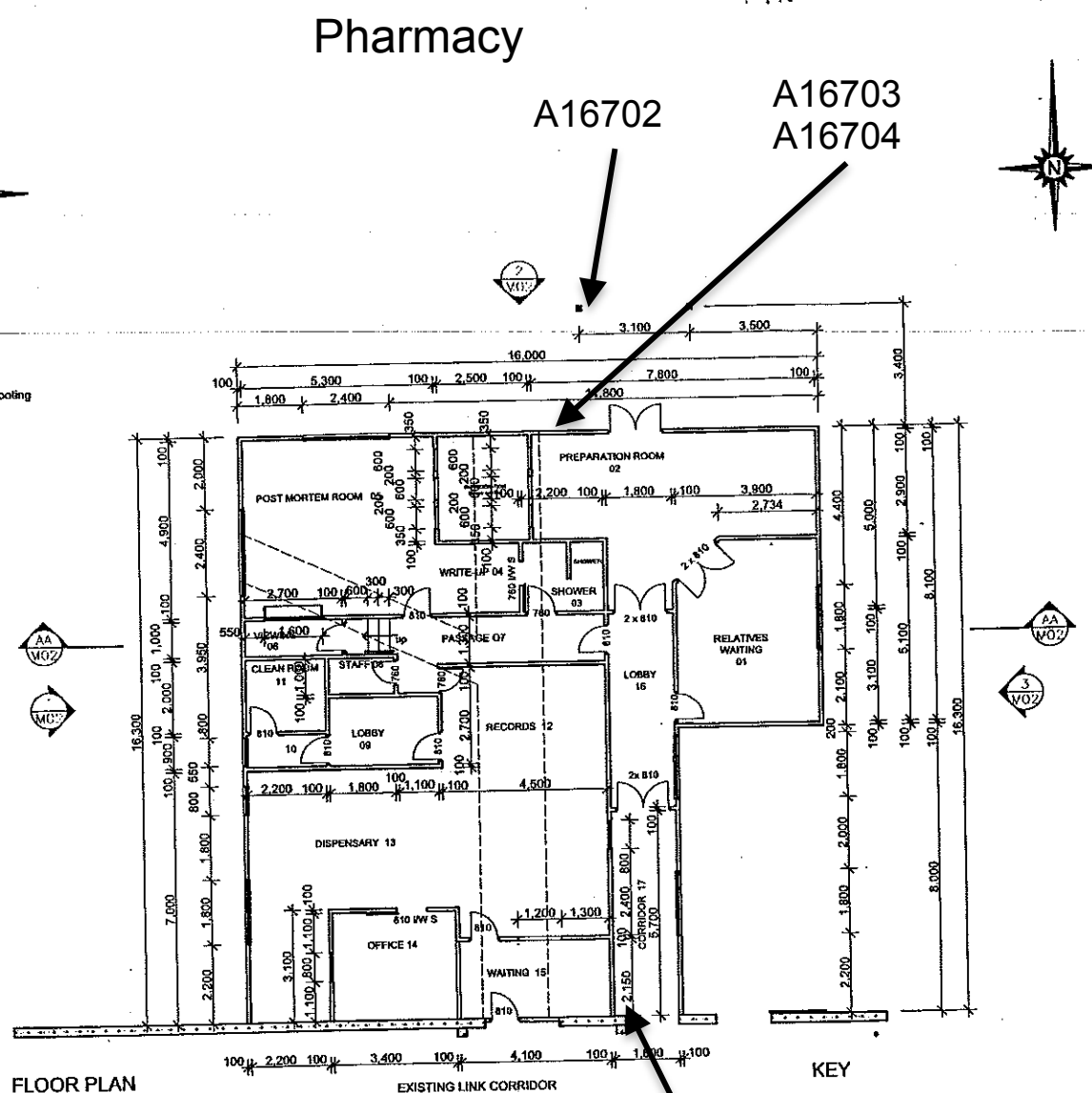


Sample Location Site Plans

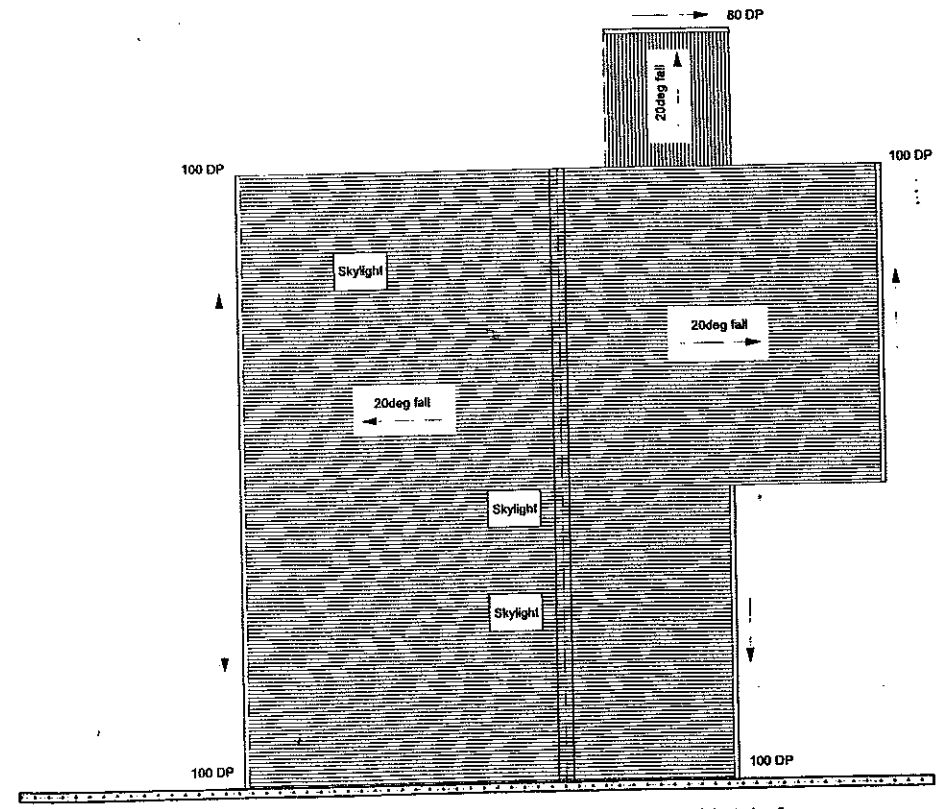
15



FLOOR SLAB PLAN



FLOOR PLAN



ROOF PLAN

Project: **TIMARU HOSPITAL REDEVELOPMENT PHARMACY & MORTUARY**



Project Management: **ARROW INTERNATIONAL PROJECT MANAGEMENT**

Architects: **WORLEY ARCHITECTS**
BARCLAY ARCHITECTS LTD.
131 VICTORIA STREET, P.O. BOX 31-851
CHRISTCHURCH, NEW ZEALAND
TEL: (03) 379-0888 FAX: (03) 379-0888
E-MAIL: BARCLAY@BARCLAY.CO.NZ

Structural Engineers: **HOLMES CONSULTING GROUP LTD**

Mech. & Elec. Services Engineers: **BECA CARTER HOLLINGS AND FERNER LTD**

Quantity Surveyors: **RAWLINSON & CO. LTD**

Fire & Safety Engineers: **HOLMES FIRE & SAFETY LTD**

Drawn By: RW

Scale: 1:100 @ A1

Proj. No: 6315201

Sheet No: WD-P/M-01

0

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5975

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Pharmacy/Morgue)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.


Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16700	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
002	A16701	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
003	A16702	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
004	A16703	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
005	A16704	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Records Building, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00645
Date of survey: 13 November 2018



Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
No suspect ACM detected within the scope of a management survey											

No Access Areas

No intrusive / destructive inspection techniques used

ASBESTOS MANAGEMENT SURVEY

Site: Nissan Huts, Timaru Hospital
Prepared for: South Canterbury District Health Board
Project Ref: C-00646 (P1213-017)
Date of survey: 04 December 2018



Car Port

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Car Port (019)	Bituminous Product - Roof felt to ceiling	A16743	0	-	-	-	-	0	-	A6	

File Storage

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor South Side Toilet (011)	Vinyl Products - Vinyl floor covering - Tile	A16740	0	-	-	-	-	0	-	A6	
Ground Floor North Side Toilet (012)	Vinyl Products - Vinyl floor covering - Tile	Reference A16740	0	-	-	-	-	0	-	A6	Limited inspection due to stored items
Ground Floor Store 1 (013)	Vinyl Products - Vinyl floor covering - white	A16741	0	-	-	-	-	0	-	A6	
Ground Floor Store 2 (014)	Vinyl Products - Vinyl floor covering - white	Reference A16741	0	-	-	-	-	0	-	A6	
Ground Floor Store 2 (015)	Vinyl Products - Vinyl bench top covering- white	A16742	0	-	-	-	-	0	-	A6	
Ground Floor Main Store (016)	Electrical Mounting Board - Electrical Mounting Board	Reference A16737	1	0	1	0	0	2	1 no	A5	

Nissan Hut

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Area 1 (002)	Electrical Mounting Board - Electrical Mounting	A16737	1	0	1	0	0	2	1 no	A5	
Ground Floor Area 1, Kitchenette & Toilet surround (003)	Vinyl Products - Vinyl floor covering - Mustard	A16738	0	-	-	-	-	0	-	A6	

Nissan Hut

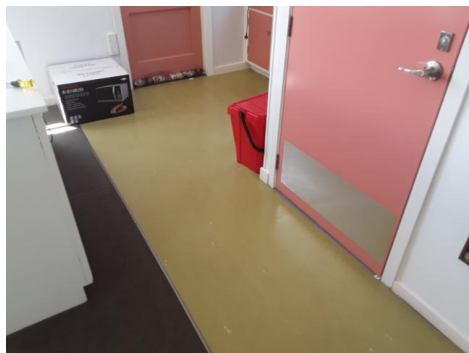

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Toilet (004)	Vinyl Products - Vinyl floor covering - Mustard	Reference A16738	0	-	-	-	-	0	-	A6	
Ground Floor Disabled Toilet (005)	Vinyl Products - Vinyl floor covering- Grey	A16739	0	-	-	-	-	0	-	A6	

No Access Areas

Nissan Huts, Timaru Hospital, No intrusive / destructive inspection techniques used (020)

Photographs

<p>Nissan Hut</p> <p>Ground Floor Area 1 (002)</p> <p>Electrical Mounting - Electrical Mounting Board</p> <p>Sample No. A16737</p> <p>Chrysotile</p>		
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<p>Nissan Hut</p> <p>Ground Floor Area 1, Kitchenette & Toilet surround (003)</p> <p>Vinyl floor covering - Mustard - Vinyl Products</p> <p>Sample No. A16738</p> <p>No Asbestos Detected</p>		
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<p>Nissan Hut</p> <p>Ground Floor Disabled Toilet (005)</p> <p>Vinyl floor covering- Grey - Vinyl Products</p> <p>Sample No. A16739</p> <p>No Asbestos Detected</p>		
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<p>File Storage</p> <p>Ground Floor South Side Toilet (011)</p> <p>Vinyl floor covering - Tile - Vinyl Products</p> <p>Sample No. A16740</p> <p>No Asbestos Detected</p>		
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<p>File Storage</p> <p>Ground Floor Store 1 (013)</p> <p>Vinyl floor covering - white - Vinyl Products</p> <p>Sample No. A16741</p> <p>No Asbestos Detected</p>		
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<p>File Storage</p> <p>Ground Floor Store 2 (015)</p> <p>Vinyl bench top covering- white - Vinyl Products</p> <p>Sample No. A16742</p> <p>No Asbestos Detected</p>		
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Car Port

External Car Port (019)

Roof felt to ceiling - Bituminous Product

Sample No. A16743

No Asbestos Detected



Sample Location Site Plans



A16743

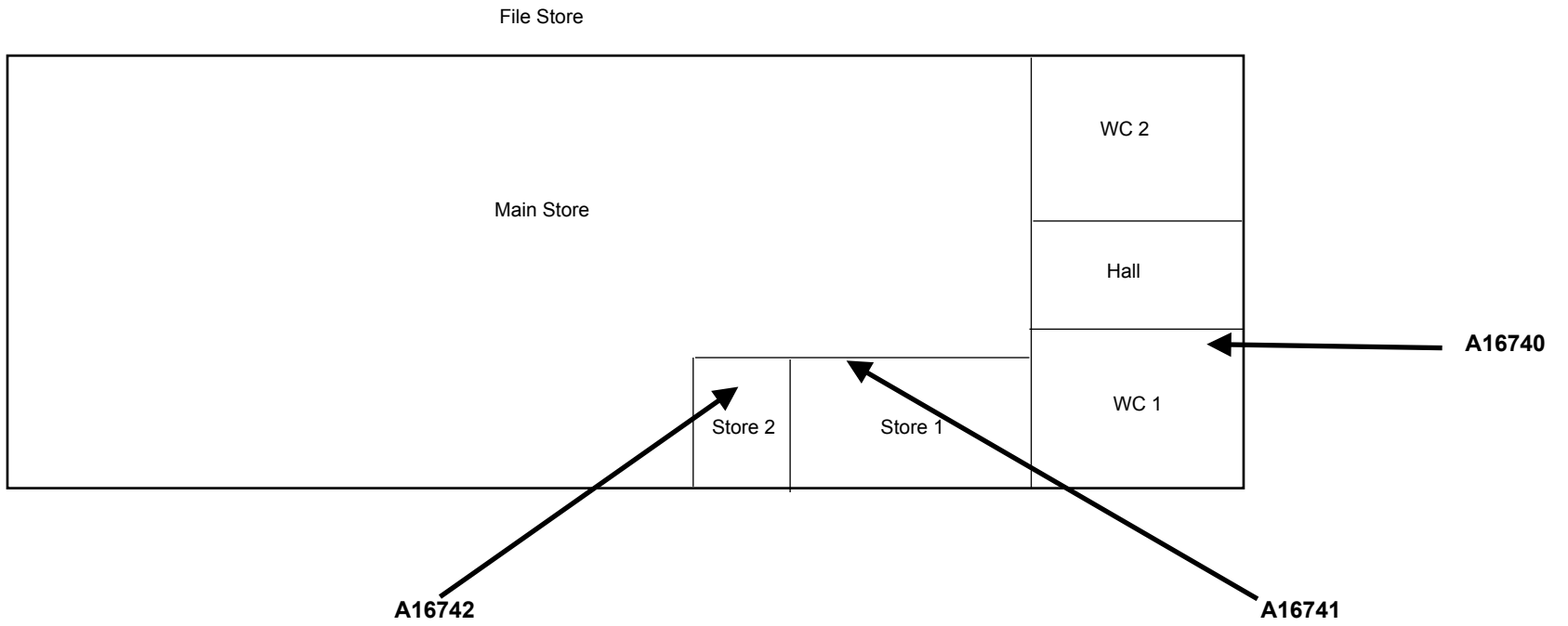
Car Port

File Storage

Nissan Hut

Queen Street

Not to scale



Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-6064

Client:	Asbestos Environmental Consultants	Date Sampled:	5/12/2018
Client Contact:	Ritchie Bower	Date Received:	5/12/2018
Telephone:	021 023 94186	Date Analysed:	5/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Nissan Huts)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16737	Not supplied	Resinous Board	0.5 x 1	CHR	Yes
002	A16738	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF	No
003	A16739	Not supplied	Vinyl Sheet	1 x 1	NAD, ORF	No
004	A16740	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF, SMF	No
005	A16741	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF, SMF	No
006	A16742	Not supplied	Vinyl Sheet	3 x 3	NAD, ORF	No
007	A16743	Not supplied	Membrane	5 x 5	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Talbot Park, Timaru
Prepared for: South Canterbury District Health Board
Project Ref: C-00647 (P1213-018)
Date of survey: 06 - 07 December 2018



Hunter Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 110 (130)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 111 (131)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 112 (133)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 113 (134)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 55 WC (135)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 61 Laundry (139)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 64 Deliveries (140)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 65 WC (141)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 67 (142)	Vinyl Products - Vinyl floor covering - Green	A16778	0	-	-	-	-	0	-	A6	
Ground Floor 68 (144)	Vinyl Products - Vinyl floor covering - Green	Reference A16778	0	-	-	-	-	0	-	A6	
Ground Floor 69 (145)	Vinyl Products - Vinyl floor covering - Green	Reference A16778	0	-	-	-	-	0	-	A6	
Ground Floor 71 (146)	Vinyl Products - Vinyl floor covering - Green	Reference A16778	0	-	-	-	-	0	-	A6	
Ground Floor 74 Linen (148)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 75 (150)	Vinyl Products - Vinyl floor covering - Green	Reference A16778	0	-	-	-	-	0	-	A6	

Hunter Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 156 Kitchen (152)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 127 WC (153)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 125 Sluice (154)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 121 Shower (155)	Vinyl Products - Vinyl floor covering - Green	Reference A16780	0	-	-	-	-	0	-	A6	
Ground Floor 120 WC (156)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 116 Store (157)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 117 / 118 Change & WC (158)	Vinyl Products - Vinyl floor covering - Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 122 Shower (160)	Vinyl Products - Vinyl floor covering - Medium Green	A16780	0	-	-	-	-	0	-	A6	
Ground Floor 123 WC (162)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 128 Shower (164)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16780	0	-	-	-	-	0	-	A6	
Ground Floor 155 Treatment (172)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 126 Cleaners (173)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 119 Linen (174)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 62 Store (176)	Vinyl Products - Vinyl floor covering - Medium Green	Reference A16775	0	-	-	-	-	0	-	A6	
Ground Floor 153 Boiler (177)	Gaskets (compressed) - Gasket to pipework	A16781	1	1	2	0	0	4	NQ	A5	Presume to be present to pipework / plant equipment throughout building

Main Entrance

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Main entrance (179)	Cement Product - Eaves	A16782	0	-	-	-	-	0	-	A6	Noting side eaves to Hunter and Otipua wings are timber. No access was made to upper level eaves. Presume same material to extend to entire perimeter of building.
External Main entrance (180)	Cement Product - Canopy Ceiling	A16783	0	-	-	-	-	0	-	A6	
External Above boiler room door (181)	Cement Product - Eaves	A16784	0	-	-	-	-	0	-	A6	Noting side eaves to Hunter and Otipua wings are timber. No access was made to upper level eaves. Presume same material to extend to entire perimeter of building.
External Hand rails to access ways (182)	Cement Product - Panels to handrails	A16785	0	-	-	-	-	0	-	A6	
External Service entrance (183)	Cement Product - Canopy Ceiling	A16786	0	-	-	-	-	0	-	A6	

Otipua Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 11, Ceiling void (001)	Bituminous Product - Bitumastic packer to rear of timber	A16755	0	-	-	-	-	0	-	A6	Presume to be present as a similar building application throughout the building
Ground Floor 5 (005)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 6 (006)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	

Otipua Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 7 (007)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 8 (008)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 10 (010)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 11 (011)	Vinyl Products - Vinyl floor covering - Grey	A16754	0	-	-	-	-	0	-	A6	
Ground Floor 12 (012)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 13 (013)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 14 (014)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 15 (015)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 16 (016)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 17 (017)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 18 (018)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 19 (019)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 20 (020)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 43 (021)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 44 (022)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	

Otipua Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 45 (023)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 47 (024)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 48 (025)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 49 (026)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 51 (027)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 52 (028)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 53 (029)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 54 (030)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor Rooms 15 - 20 & 43 - 54 (033)	Vinyl Products - Vinyl window sill covering - Grey	A16756	0	-	-	-	-	0	-	A6	
Ground Floor 25 WC (036)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 26 WC (037)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 27 Kitchen (038)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 28 Bathroom (039)	Vinyl Products - Vinyl floor covering- Grey	A16758	0	-	-	-	-	0	-	A6	
Ground Floor 28 Bathroom (040)	Cement Product - Plastic coated cement sheet walls & ceiling	A16757	0	-	-	-	-	0	-	A6	
Ground Floor 29 WC (041)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	

Otipua Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 30 Clinic Utility (043)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 31 WC (044)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 32 Staff (045)	Cement Product - Plastic coated cement sheet walls & Ceiling	Reference A16758	0	-	-	-	-	0	-	A6	
Ground Floor 32 Staff (046)	Cement Product - Plastic coated cement sheet east side walls	A16760	0	-	-	-	-	0	-	A6	
Ground Floor 32 Staff (047)	Vinyl Products - Vinyl floor covering- Blue	A16759	0	-	-	-	-	0	-	A6	
Ground Floor 33 WC (048)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 35 Shower (050)	Cement Product - Plastic coated cement sheet walls & Ceiling	Reference A16758	0	-	-	-	-	0	-	A6	
Ground Floor 35 Shower (051)	Vinyl Products - Vinyl floor covering- Blue	Reference A16759	0	-	-	-	-	0	-	A6	
Ground Floor 36 WC (052)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 37 Linen (053)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 38 WC (054)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 39 Sluice (055)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 40 WC (056)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 41 Shower (057)	Cement Product - Plastic coated cement sheet walls & Ceiling	Reference A16758	0	-	-	-	-	0	-	A6	

Otipua Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 41 Shower (058)	Vinyl Products - Vinyl floor covering Blue	A16761	0	-	-	-	-	0	-	A6	
Ground Floor 42 WC (060)	Vinyl Products - Vinyl floor covering - Pink	Reference A16753	0	-	-	-	-	0	-	A6	
Ground Floor 59 Staff (138)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 70 (147)	Vinyl Products - Vinyl floor covering - Grey	Reference A16754	0	-	-	-	-	0	-	A6	
Ground Floor 73 Corridor (148)	Vinyl Products - Vinyl lower wall covering to alcove	A16779	0	-	-	-	-	0	-	A6	
Ground Floor 118 Shower (159)	Cement Product - Plastic coated cement sheet walls & ceiling	Reference A16757	0	-	-	-	-	0	-	A6	
Ground Floor 122 Shower (161)	Cement Product - Plastic coated cement sheet walls & ceiling	Reference A16757	0	-	-	-	-	0	-	A6	
Ground Floor 128 Shower (165)	Cement Product - Plastic coated cement sheet walls & ceiling	Reference A16757	0	-	-	-	-	0	-	A6	
Ground Floor 121 Shower (170)	Cement Product - Plastic coated cement sheet walls & ceiling	Reference A16757	0	-	-	-	-	0	-	A6	

Service Shed

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Building Perimeter (124)	Cement Product - walls	A16774	0	-	-	-	-	0	-	A6	

Talbot Park, Timaru

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 3 Store (004)	Vinyl Products - Vinyl floor covering - Pink	A16753	0	-	-	-	-	0	-	A6	

Watlington Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 101 Shower (067)	Vinyl Products - Vinyl floor covering - Light Blue	A16764	0	-	-	-	-	0	-	A6	
Ground Floor 101 Shower (068)	Cement Product - Plastic coated cement sheet walls	Reference A16758	0	-	-	-	-	0	-	A6	
Ground Floor 98 / 99 Toilet & Shower (069)	Vinyl Products - Vinyl floor covering - Turquoise	Reference A16765	0	-	-	-	-	0	-	A6	
Ground Floor 98 / 99 Toilet & Shower (070)	Cement Product - Flat plastic-coated cement sheet to walls	A16762	0	-	-	-	-	0	-	A6	
Ground Floor 98 / 99 Toilet & Shower (071)	Cement Product - Tile effect plastic coated cement sheet to walls	A16763	0	-	-	-	-	0	-	A6	
Ground Floor 89 (072)	Vinyl Products - Vinyl floor covering - Beige	A16766	0	-	-	-	-	0	-	A6	
Ground Floor 77 (073)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 104 Shower (076)	Vinyl Products - Vinyl floor covering - Turquoise	A16765	0	-	-	-	-	0	-	A6	
Ground Floor 104 Shower (077)	Cement Product - Plastic coated cement sheet walls	Reference A16758	0	-	-	-	-	0	-	A6	
Ground Floor 133 Corridor (078)	Vinyl Products - Vinyl floor covering	A16767	0	-	-	-	-	0	-	A6	
Ground Floor 134 WC (079)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	

Watlington Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 150 Shower (080)	Vinyl Products - Vinyl floor covering - Turquoise	A16768	0	-	-	-	-	0	-	A6	
Ground Floor 150 Shower (081)	Cement Product - Tile effect plastic coated cement sheet to walls	A16769	0	-	-	-	-	0	-	A6	
Ground Floor 152 Shower (083)	Vinyl Products - Vinyl floor covering - Turquoise	Reference A16768	0	-	-	-	-	0	-	A6	
Ground Floor 152 Shower (084)	Cement Product - Tile effect plastic coated cement sheet to walls	Reference A16769	0	-	-	-	-	0	-	A6	
Ground Floor 78 (085)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 79 (086)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 80 (087)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 81 (088)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 82 (089)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 83 (090)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 84 (091)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 85 (092)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 86 (093)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 87 (094)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	

Watlington Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 88 (095)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 90 (096)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 91 (097)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 92 (098)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 93 (099)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 94 (100)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 96 Corridor (101)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 97 Corridor (102)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 95 Corridor (103)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 135 (104)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 136 (105)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 137 (106)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 139 WC (107)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 140 (108)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 141 (109)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	

Watlington Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor 142 (110)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 143 (111)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 144 (112)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 145 (113)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 146 (114)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 147 (115)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 148 WC (116)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 149 Store (117)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 151 Sluice (118)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
Ground Floor 133 Corridor (119)	Vinyl Products - Vinyl floor covering	Reference A16767	0	-	-	-	-	0	-	A6	
External Building Perimeter (120)	Decorative Finishes - Textured render to walls	A16770	0	-	-	-	-	0	-	A6	Also present to boxing, gable fascia panels and other infill panels to perimeter of building and roof
External Building Perimeter (121)	Cement Product - Cement sheet to rear of Textured render to walls	A16771	0	-	-	-	-	0	-	A6	Adjacent main entrance. Also present to boxing, gable fascia panels and other infill panels to perimeter of building and roof
External Building Perimeter (122)	Cement Product - Cement sheet to rear of Textured render to walls	A16772	0	-	-	-	-	0	-	A6	Sample taken from east side of building

Watlington Wing

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
External Building Perimeter (123)	Cement Product - Low level eaves to exterior of lounge	A16773	0	-	-	-	-	0	-	A6	Sample taken from east side of building
Ground Floor 76 (125)	Vinyl Products - Vinyl floor covering - Beige	Reference A16766	0	-	-	-	-	0	-	A6	
Ground Floor 106 WC (126)	Vinyl Products - Vinyl floor covering - Green	A16775	0	-	-	-	-	0	-	A6	
Ground Floor 108/109/132 Lounge / Dining (128)	Vinyl Products - Vinyl floor covering - Beige	A16777	0	-	-	-	-	0	-	A6	
Ground Floor 108/109/132 Lounge / Dining (129)	Decorative Finishes - Textured Coating to ceiling	A16776	0	-	-	-	-	0	-	A6	
External South Watlington wing entrance (184)	Cement Product - Eaves	A16787	0	-	-	-	-	0	-	A6	Noting side eaves to Hunter and Otipua wings are timber. No access was made to upper level eaves. Presume same material to extend to entire perimeter of building.
External East Watlington wing entrance (185)	Cement Product - Eaves	A16788	0	-	-	-	-	0	-	A6	Noting side eaves to Hunter and Otipua wings are timber. No access was made to upper level eaves. Presume same material to extend to entire perimeter of building.

No Access Areas

Hunter Wing, Ground Floor North Hunter wing suspended ceiling voids (132) - Extremely limited inspection above suspended ceiling tiles due to SMF insulation

Hunter Wing, Ground Floor South side Hunter & Otipua Wings (143) - No inspection to rear of small non-removable ceiling tiles to pitched ceilings



Hunter Wing, Ground Floor Lobby (167) - No inspection to rear of small non-removable ceiling tiles to ceilings

Watlington Wing, Ground Floor 106 WC - Ceiling void (127) - no access due to stored items

No intrusive / destructive inspection techniques used

Photographs

<p>Otipua Wing</p> <p>Ground Floor 11, Ceiling void (001)</p> <p>Bitumastic packer to rear of timber - Bituminous Product</p> <p>Sample No. A16755</p> <p>No Asbestos Detected</p>		
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<p>Talbot Park, Timaru</p> <p>Ground Floor 3 Store (004)</p> <p>Vinyl floor covering - Pink - Vinyl Products</p> <p>Sample No. A16753</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor 11 (011)</p> <p>Vinyl floor covering - Grey - Vinyl Products</p> <p>Sample No. A16754</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor Rooms 15 - 20 & 43 - 54 (033)</p> <p>Vinyl window sill covering - Grey - Vinyl Products</p> <p>Sample No. A16756</p> <p>No Asbestos Detected</p>		
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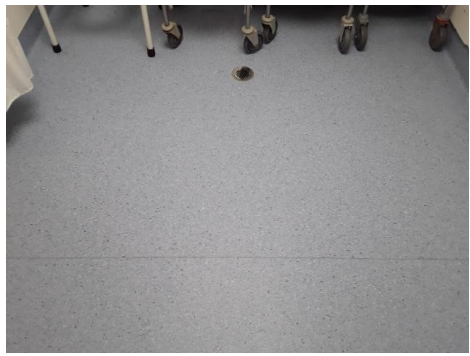

<p>Otipua Wing</p> <p>Ground Floor 28 Bathroom (039)</p> <p>Vinyl floor covering- Grey - Vinyl Products</p> <p>Sample No. A16758</p> <p>No Asbestos Detected</p>		
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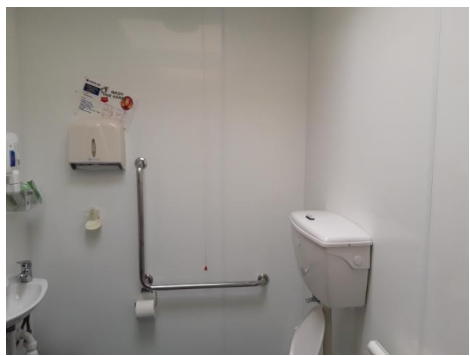

<p>Otipua Wing</p> <p>Ground Floor 28 Bathroom (040)</p> <p>Plastic coated cement sheet walls & ceiling - Cement Product</p> <p>Sample No. A16757</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor 32 Staff (046)</p> <p>Plastic coated cement sheet east side walls - Cement Product</p> <p>Sample No. A16760</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor 32 Staff (047)</p> <p>Vinyl floor covering- Blue - Vinyl Products</p> <p>Sample No. A16759</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor 41 Shower (058)</p> <p>Vinyl floor covering Blue - Vinyl Products</p> <p>Sample No. A16761</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 101 Shower (067)</p> <p>Vinyl floor covering - Light Blue - Vinyl Products</p> <p>Sample No. A16764</p> <p>No Asbestos Detected</p>		
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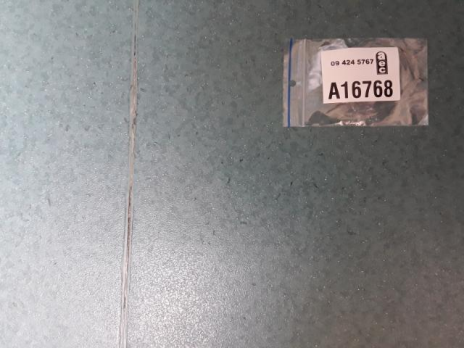
<p>Watlington Wing</p> <p>Ground Floor 98 / 99 Toilet & Shower (070)</p> <p>Flat plastic-coated cement sheet to walls - Cement Product</p> <p>Sample No. A16762</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 98 / 99 Toilet & Shower (071)</p> <p>Tile effect plastic coated cement sheet to walls - Cement Product</p> <p>Sample No. A16763</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 89 (072)</p> <p>Vinyl floor covering - Beige - Vinyl Products</p> <p>Sample No. A16766</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 104 Shower (076)</p> <p>Vinyl floor covering - Turquoise - Vinyl Products</p> <p>Sample No. A16765</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 133 Corridor (078)</p> <p>Vinyl floor covering - Vinyl Products</p> <p>Sample No. A16767</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 150 Shower (080)</p> <p>Vinyl floor covering - Turquoise - Vinyl Products</p> <p>Sample No. A16768</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 150 Shower (081)</p> <p>Tile effect plastic coated cement sheet to walls - Cement Product</p> <p>Sample No. A16769</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>External Building Perimeter (120)</p> <p>Textured render to walls - Decorative Finishes</p> <p>Sample No. A16770</p> <p>No Asbestos Detected</p>		
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Watlington Wing

External Building Perimeter
(121)

Cement sheet to rear of
Textured render to walls -
Cement Product

Sample No. A16771

No Asbestos Detected



Watlington Wing

External Building Perimeter
(122)

Cement sheet to rear of
Textured render to walls -
Cement Product

Sample No. A16772

No Asbestos Detected



Watlington Wing

External Building Perimeter
(123)

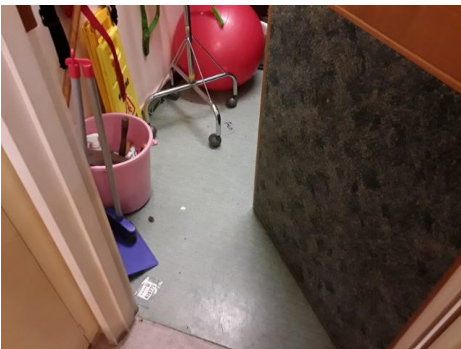

Low level eaves to exterior of
lounges - Cement Product



Sample No. A16773



No Asbestos Detected





<p>Service shed</p> <p>External Building Perimeter (124)</p> <p>walls - Cement Product</p> <p>Sample No. A16774</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 106 WC (126)</p> <p>Vinyl floor covering - Green - Vinyl Products</p> <p>Sample No. A16775</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 108/109/132 Lounge / Dining (128)</p> <p>Vinyl floor covering - Beige - Vinyl Products</p> <p>Sample No. A16777</p> <p>No Asbestos Detected</p>		
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<p>Watlington Wing</p> <p>Ground Floor 108/109/132 Lounge / Dining (129)</p> <p>Textured Coating to ceiling - Decorative Finishes</p> <p>Sample No. A16776</p> <p>No Asbestos Detected</p>		
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<p>Hunter Wing</p> <p>Ground Floor 67 (142)</p> <p>Vinyl floor covering - Green - Vinyl Products</p> <p>Sample No. A16778</p> <p>No Asbestos Detected</p>		
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<p>Otipua Wing</p> <p>Ground Floor 73 Corridor (148)</p> <p>Vinyl lower wall covering to alcove - Vinyl Products</p> <p>Sample No. A16779</p> <p>No Asbestos Detected</p>		
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Hunter Wing

Ground Floor 122 Shower (160)

Vinyl floor covering - Medium Green - Vinyl Products

Sample No. A16780

No Asbestos Detected



Hunter Wing

Ground Floor 153 Boiler (177)

Gasket to pipework - Gaskets (compressed)

Sample No. A16781

Chrysotile



Main entrance

External Main entrance (179)

Eaves - Cement Product

Sample No. A16782

No Asbestos Detected



<p>Main entrance</p> <p>External Main entrance (180)</p> <p>Canopy Ceiling - Cement Product</p> <p>Sample No. A16783</p> <p>No Asbestos Detected</p>		
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<p>Main entrance</p> <p>External Above boiler room door (181)</p> <p>Eaves - Cement Product</p> <p>Sample No. A16784</p> <p>No Asbestos Detected</p>		
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<p>Main entrance</p> <p>External Service entrance (183)</p> <p>Canopy Ceiling - Cement Product</p> <p>Sample No. A16786</p> <p>No Asbestos Detected</p>		
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Watlington Wing

External South Watlington wing
entrance (184)

Eaves - Cement Product

Sample No. A16787

No Asbestos Detected



Watlington Wing

External East Watlington wing
entrance (185)

Eaves - Cement Product

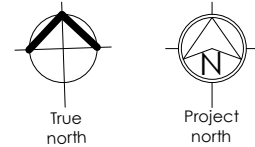
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No Asbestos Detected

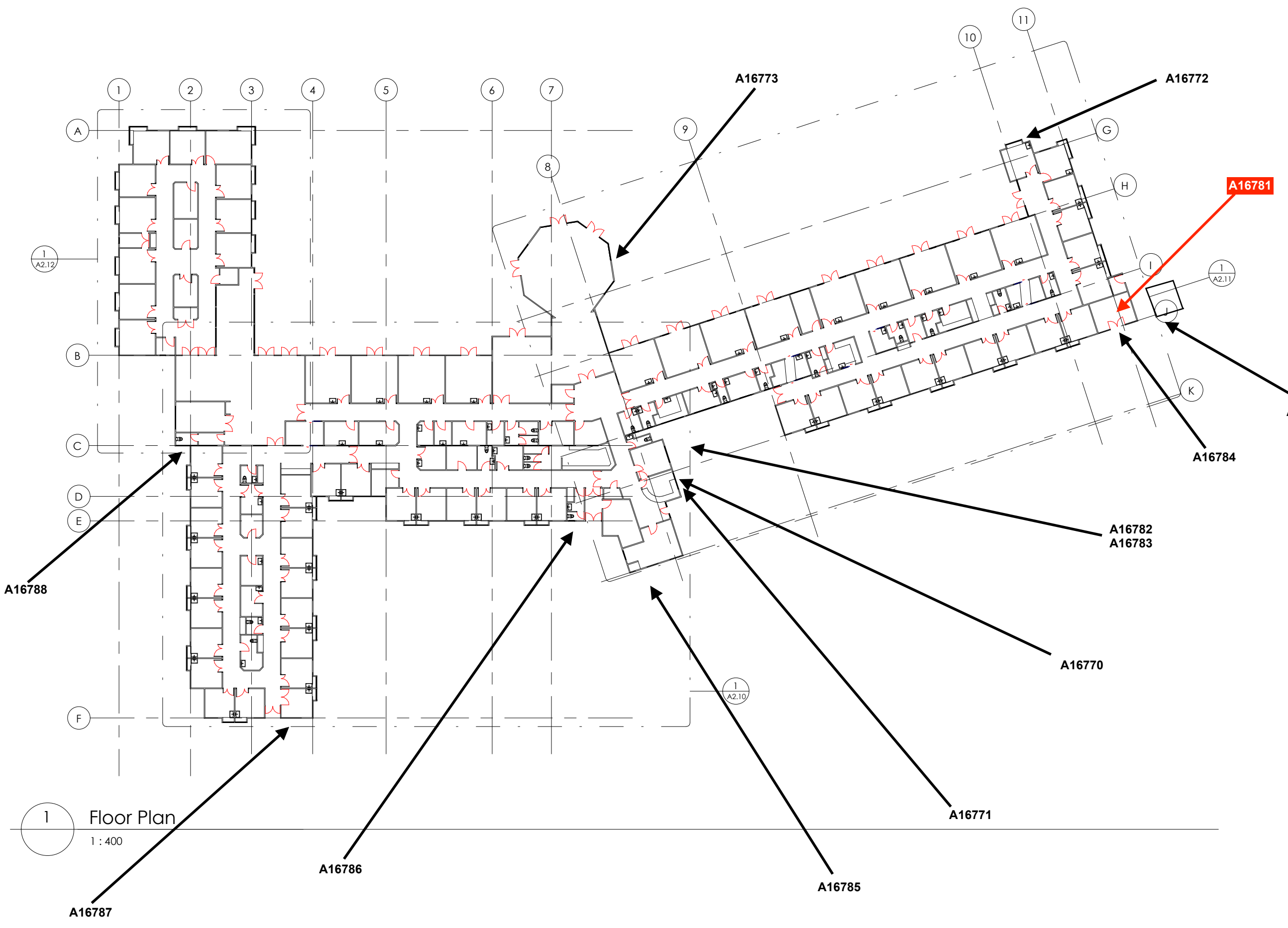


Sample Location Site Plans

- General Notes:**
1. This drawing shall be read in conjunction with all other drawings & specifications.
 2. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authority Requirements, OSH Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
 3. All work shall be of best trade practice.
 4. Do not scale from this drawing. Use only figured dimensions. The Contractor shall verify all dimensions on site, and report any discrepancies to the Architect before commencing work.



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Project:
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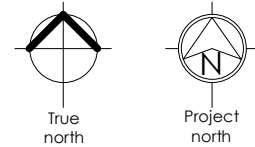
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Scales: 1 : 400 @ A3	Date: 23/11/17	Drawn: Author
	Designed: Designer	Checked: Checker

Job No. S803	Drawing No. A2.00	Revision No.
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1 Floor Plan
1 : 400

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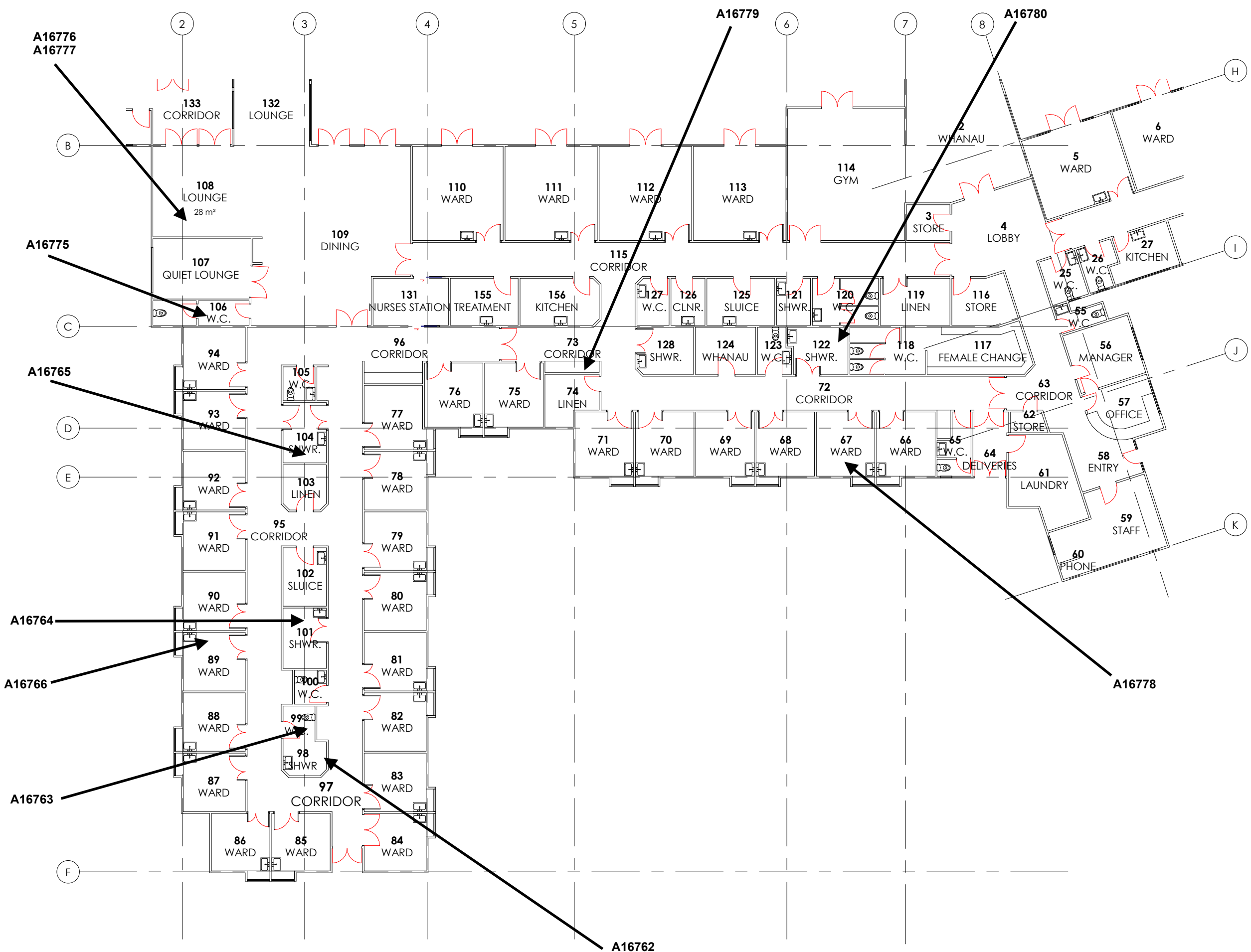
Client:
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Project:
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Drawing Title:
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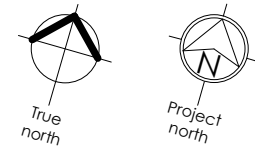
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	Designed: Designer	Checked: Checker

Job No. S803	Drawing No. A2.10	Revision No.
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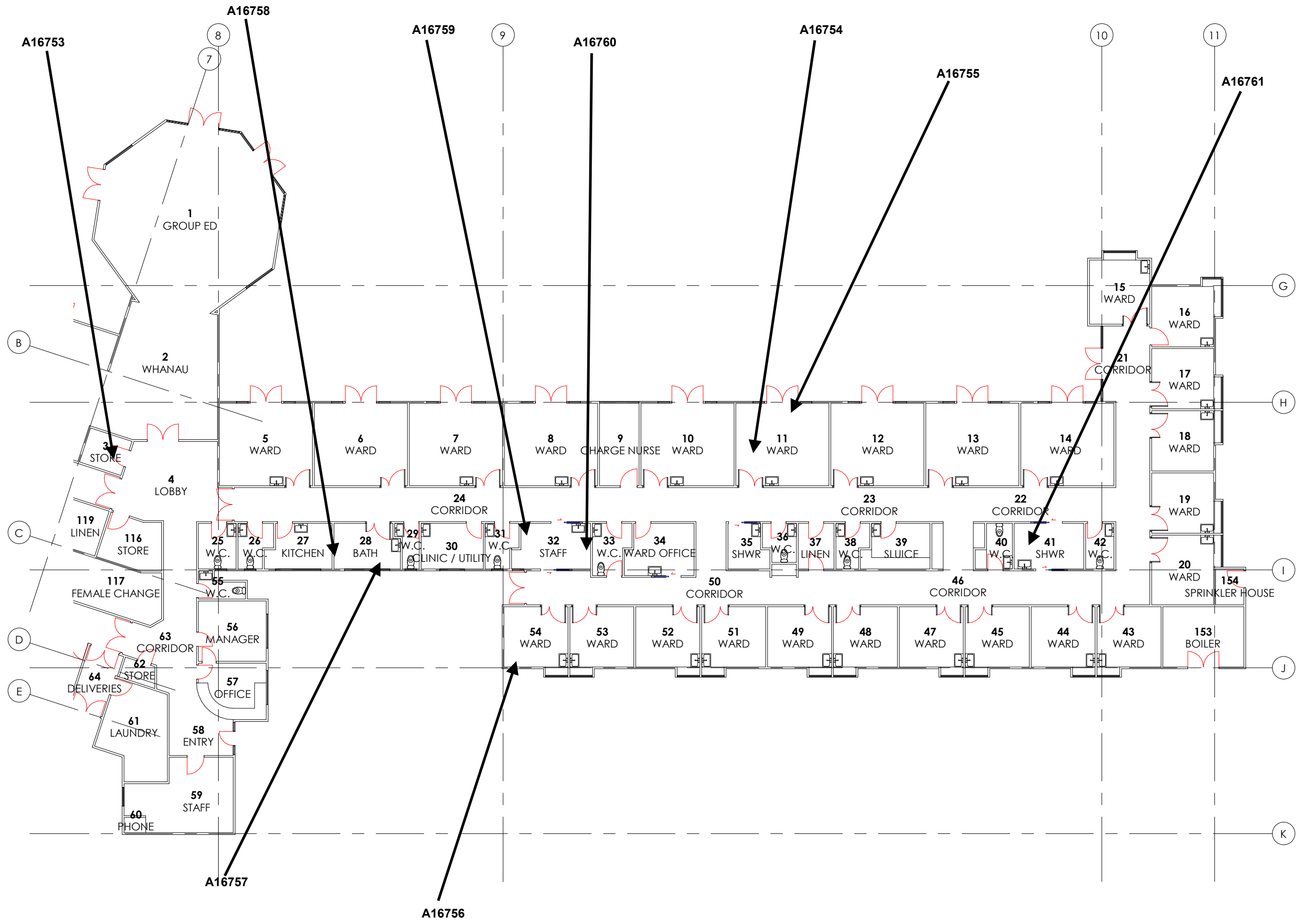


1 Floor Plan - 1 - West Wing
A2.00 1 : 200

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 2. All work shall be strictly in accordance with the New Zealand Building Code, Local Territorial Authority Requirements, OSH Requirements & Regulations, and any other Statutory Requirements that may be applicable to this project.
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Project:
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Drawing Title:
FLOOR PLAN EAST WING
CAD File: C:\Users\Branite Davenport\Desktop\Talbot with Template.rvt

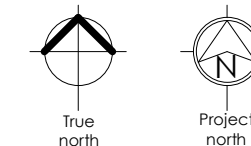
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	Designed: Designer	Checked: Checker

Job No. S803	Drawing No. A2.11	Revision No.
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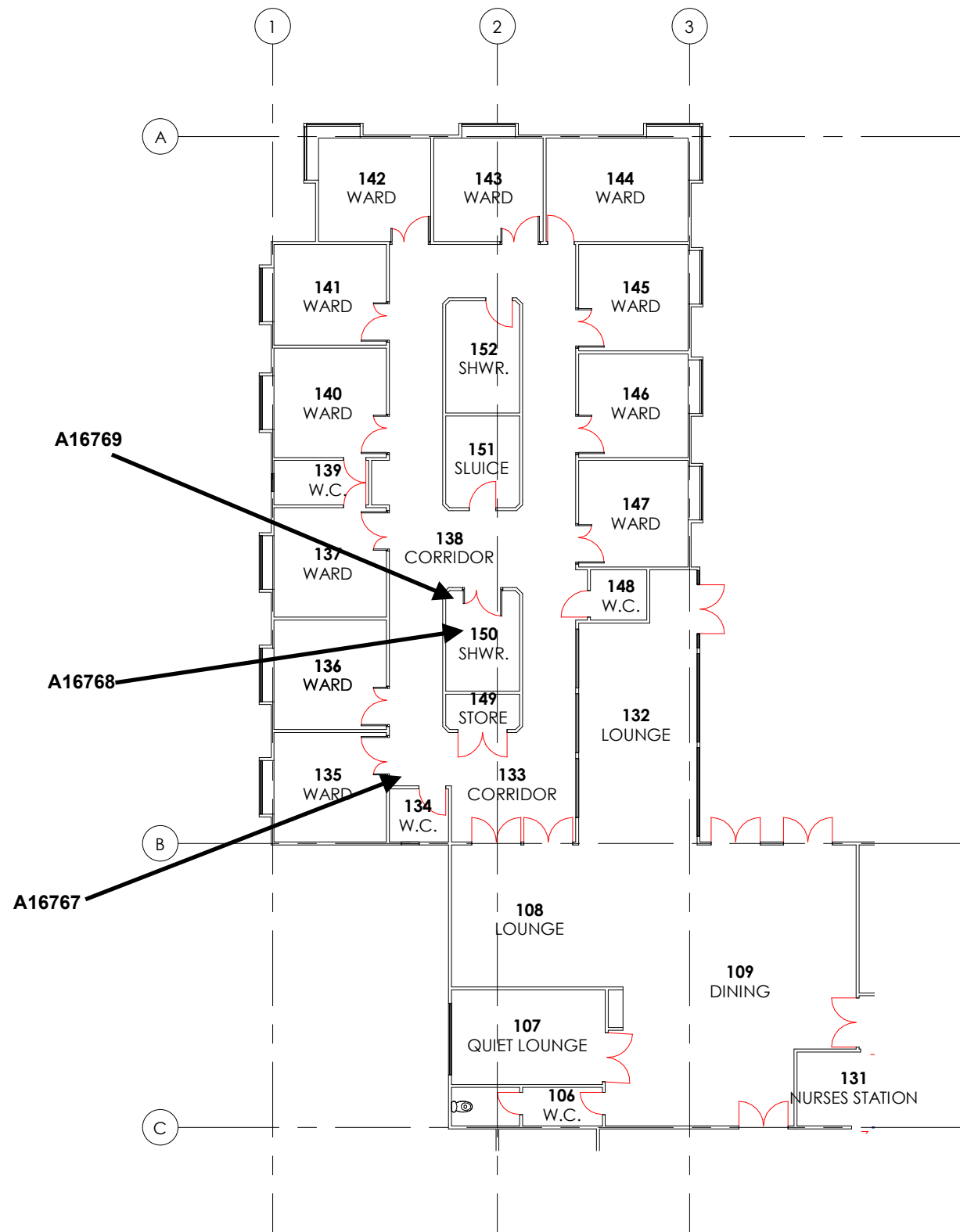
1 Floor Plan - 2 - East Wing
A2.00 1 : 200

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Project:
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Drawing Title:
**FLOOR PLAN NORTH
WEST WING**
CAD File: C:\Users\Bronte Davenport\Desktop\Talbot with Template.rvt

Scales: 1 : 200 @ A3	Date: 03/06/18	Drawn: Author
	Designed: Designer	Checked: Checker

Job No. S803	Drawing No. A2.12	Revision No.
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DLA ARCHITECTS LIMITED
www.dla.co.nz

1 Floor Plan - 3 - North West Wing
A2.00 1 : 200

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-6121

Client:	Asbestos Environmental Consultants	Date Sampled:	7/12/2018
Client Contact:	Ritchie Bower	Date Received:	10/12/2018
Telephone:	021 023 94186	Date Analysed:	10/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Talbot Park)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Amendment : 1 Supplement to previous certificate issue

Change to : Sample Type

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16753	Not supplied	Vinyl Sheet	3 x 2	NAD, ORF	No
002	A16754	Not supplied	Vinyl Sheet	4 x 2	NAD, ORF, SMF	No
003	A16755	Not supplied	Bitumastic Material	2 x 1	NAD, ORF	No
004	A16756	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF, SMF	No
005	A16757	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
006	A16758	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF, SMF	No
007	A16759	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF, SMF	No
008	A16760	Not supplied	Fibre Cement	2 x 1	NAD, ORF	No
009	A16761	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
010	A16762	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
011	A16763	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
012	A16764	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
013	A16765	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
014	A16766	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF, SMF	No
015	A16767	Not supplied	Vinyl Sheet	2 x 2	NAD, ORF, SMF	No
016	A16768	Not supplied	Vinyl Sheet	3 x 1	NAD, ORF	No
017	A16769	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
018	A16770	Not supplied	Textured Coating	2 x 2	NAD, ORF	No
019	A16771	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
020	A16772	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
021	A16773	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
022	A16774	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
023	A16775	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
024	A16776	Not supplied	Textured Coating	1 x 1	NAD, ORF	No

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
025	A16777	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
026	A16778	Not supplied	Vinyl Sheet	4 x 1	NAD, ORF	No
027	A16779	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF, SMF	No
028	A16780	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF, SMF	No
029	A16781	Not supplied	Gasket	0.3 x 0.3	CHR	Yes
030	A16782	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
031	A16783	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
032	A16784	Not supplied	Fibre Cement	0.6 x 0.6	NAD, ORF	No
033	A16785	Not supplied	Fibre Cement	0.3 x 0.3	NAD, ORF	No
034	A16786	Not supplied	Fibre Cement	0.3 x 0.3	NAD, ORF	No
035	A16787	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No
036	A16788	Not supplied	Fibre Cement	0.5 x 0.5	NAD, ORF	No

Fibre Identification Legend

CHR Chrysotile (white asbestos)
 AMO Amosite (Brown/Grey asbestos)
 CRO Crocidolite (Blue asbestos)
 UMF Unknown Mineral Fibre

ORF Organic Fibre
 SMF Synthetic Mineral Fibre
 NFD No Fibres Detected
 NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: Tunnels
Prepared for: South Canterbury District Health Board
Project Ref: C-00694 (P1213-019)
Date of survey: 15 November - 12 December 2018



Tunnels

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Section 5 (001)	Dust Sample - Dust and residue to pipework	A16001	0	-	-	-	-	0	-	A6	Tunnel section numbers taken from K2 report AS161581 & AS161583
Basement Section 5 (002)	Insulation - Residue to ceiling	A16002	0	-	-	-	-	0	-	A6	
Basement Section 5 (003)	Dust Sample - Dust on pipework hanger	A16003	0	-	-	-	-	0	-	A6	Extensive dust throughout tunnels
Basement Section 6 (004)	Dust Sample - Residue to firefighting pipework	A16004	0	-	-	-	-	0	-	A6	
Basement Section 7 (005)	Insulation - Lagging to redundant pipework	A16005	2	3	3	3	1	12	NQ	A1	Extends into floor ducting
Basement Section 7 (006)	Insulation - Insulation residue to pipe	A16006	2	3	3	3	1	12	NQ	A1	Extensive residue in pipes
Basement Section 7 (007)	Insulation - Paper insulation to pipework at penetration	A16007	1	3	3	3	1	11	NQ	A1	
Basement Section 7 (008)	Insulation - Insulation residue from pipe runs on walls	A16008	2	3	3	3	1	12	NQ	A1	Extensive insulation residue on walls
Basement Section 7 in dog leg (009)	Insulation - Insulation residue from pipe runs on walls	A16009	2	3	3	3	1	12	NQ	A1	Extensive insulation residue on walls
Basement Section 7 in dog leg (010)	Insulation - Insulation residue on floor	Reference A16009	2	3	3	3	1	12	NQ	A1	Extensive insulation residue on walls with some debris on floors
Basement Section 7 (011)	Resinous Board - Electrical Mounting board	A16010	1	0	1	1	1	4	2 m ²	A3	
Basement Section 7 in dog leg (012)	Insulation - Insulation residue to ceiling	A16011	2	3	3	3	1	12	NQ	A1	Extensive insulation residue on walls
Basement Section 7 (013)	Insulation - Debris from lagging to redundant pipework	Reference A16005	2	3	3	3	1	12	NQ	A1	Extends into floor ducting

Tunnels

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Section 7 (014)	Insulation - Generally area grossly contaminated	Reference A16005	2	3	3	3	1	12	NQ	A1	Area listed as cleared on K2 report. Recommend restrict access.
Basement Section 8 (015)	Insulation - Insulation residue to walls	A16578	2	3	3	3	1	12	NQ	A1	
Basement Section 8 (016)	Insulation - Insulation residue to walls	A16576	2	3	3	3	1	12	NQ	A1	
Basement Section 8 (017)	Insulation - Debris below pipes	A16577	0	-	-	-	-	0	-	A6	
Basement Section 10 (018)	Insulation - Insulation residue to walls	A16582	2	3	3	3	1	12	NQ	A1	
Basement Section 10 (019)	Insulation - Insulation residue redundant pipe hanger roller in wall void	A16012	2	3	3	3	1	12	NQ	A1	
Basement Section 8 (020)	Insulation - Insulation residue redundant pipe hanger	A16013	2	3	3	3	1	12	NQ	A1	
Basement Section 11 (021)	Insulation - Insulation residue to walls	A16579	2	3	3	3	1	12	NQ	A1	
Basement Section 11 (022)	Insulation - Insulation residue to hangers on walls	A16581	3	3	3	3	1	13	NQ	A1	
Basement Section 11 (023)	Bituminous Product - Bitumen course in concrete	A16580	0	-	-	-	-	0	-	A6	
Basement Section 11/13 (024)	Insulation - Insulation residue to SMF insulated pipework	A16014	2	3	3	3	1	12	NQ	A1	Appears to be debris released during works onto newly insulated pipes above
Basement Section 11/13 (025)	Insulation - Insulation residue to bitumen cable	Reference A16014	2	3	3	3	1	12	NQ	A1	
Basement Section 11/13 (026)	Insulation - Insulation residue to SMF insulated pipework	Reference A16014	2	3	3	3	1	12	NQ	A1	
Basement Section 12 (027)	Insulation - Insulation residue to walls and framework	A16015	2	3	3	3	1	12	NQ	A1	

Tunnels

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Section 12 (028)	Insulation - Insulation residue to walls	A16584	2	3	3	3	1	12	NQ	A1	
Basement Section 12 (029)	Insulation - Insulation residue to framework	A16016	2	3	3	3	1	12	NQ	A1	
Basement Section 14 (030)	Insulation - Sectional insulation on wall / ledge	A16583	3	3	3	3	1	13	0.3 lin m	A1	
Basement Section 15 (031)	Low Density Board - Insulation board panel to door	A16586	2	2	2	1	2	9	1.5 m ²	A3	
Basement Section 15 (032)	Insulation - Insulation residue to walls	A16587	2	3	3	3	1	12	NQ	A1	
Basement Section 15 (033)	Insulation - Insulation residue and debris to pipes	Reference A16587	2	3	3	3	1	12	NQ	A1	Throughout below SMF pipes
Basement Section 15 (034)	Gaskets (rope/woven) - Residue to electrical box from seal	A16017	1	3	2	3	1	10	1 lin m	A1	
Basement Section 16 (035)	Insulation - Insulation residue to pipework and framework	A16588	2	3	3	3	1	12	NQ	A1	
Basement Section 16 bottom of plumbing duct riser (036)	Insulation - Insulation residue to pipework and walls	A16018	2	3	3	3	1	12	NQ	A1	
Basement Section 16 (037)	Insulation - Insulation residue to walls	Reference A16588	2	3	3	3	1	12	NQ	A1	Walls are contaminated throughout section
Basement Section 9 (038)	Insulation - Residue on roller hanger	A16019	2	3	3	3	1	12	NQ	A1	
Basement Section 9 (039)	Insulation - Residue on hangers	A16020	2	3	3	3	1	12	NQ	A1	
Sub-Basement Section 8 - Sublevel plant room (040)	Insulation - Debris between ceiling boards above door	A16589	0	-	-	-	-	0	-	A6	
Basement Section 10 (042)	Insulation - Insulation debris in wall void	Reference A16012	2	3	3	3	1	12	NQ	A1	Wall void not accessible but full of debris and pipe lagging

Tunnels

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Basement Throughout tunnel sections 7,8,9,10,11,12,13,14,15 & 16 (043)	Insulation - Extensive residue to pipes below SMF insulation	Presumed	3	3	3	3	1	13	Throughout	A1	Significant residue and debris to pipes from poor removal resulting in widespread contamination to modern SMF lagged pipes.
Basement Section 13 (044)	Insulation - Insulation to bracket	A16585	2	3	3	3	1	12	NA	A1	
Basement Section 5 (045)	Insulation - Dust to pipework hangers	A16021	0	-	-	-	-	0	-	A6	
Ground Floor Throughout the tunnels (101)	Insulation - Insulation to rear of SMF to pipework	Reference A16585	2	2	3	3	1	11	NQ	A1	Insulation Residues and debris that has been identified to accessible surfaces throughout the tunnels is presumed to be present to pipes behind SMF insulation.

No Access Areas

Tunnels, No intrusive/ destructive techniques used (102)

Tunnels, Basement Undercroft / Void areas (100) - No access was made to the undercroft areas adjoining the tunnel areas or wall / pipe voids extending from the tunnels. The tunnel network below the Clinical Services Building is reported in the report of the same name and not part of this Tunnel report

Appendix B Photographs

<p>Tunnels</p> <p>Basement Section 5 (001)</p> <p>Dust and residue to pipework - Dust Sample</p> <p>Sample No. A16001</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 5 (002)</p> <p>Residue to ceiling - Insulation</p> <p>Sample No. A16002</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 5 (003)</p> <p>Dust on pipework hanger - Dust Sample</p> <p>Sample No. A16003</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 6 (004)</p> <p>Residue to firefighting pipework - Dust Sample</p> <p>Sample No. A16004</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 7 (005)</p> <p>Lagging to redundant pipework - Insulation</p> <p>Sample No. A16005</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 (006)</p> <p>Insulation residue to pipe - Insulation</p> <p>Sample No. A16006</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 (007)</p> <p>Paper insulation to pipework at penetration - Insulation</p> <p>Sample No. A16007</p> <p>Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 (008)</p> <p>Insulation residue from pipe runs on walls - Insulation</p> <p>Sample No. A16008</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 in dog leg (009)</p> <p>Insulation residue from pipe runs on walls - Insulation</p> <p>Sample No. A16009</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 (011)</p> <p>Electrical Mounting board - Resinous Board</p> <p>Sample No. A16010</p> <p>Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 7 in dog leg (012)</p> <p>Insulation residue to ceiling - Insulation</p> <p>Sample No. A16011</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 8 (015)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16578</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 8 (016)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16576</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 8 (017)</p> <p>Debris below pipes - Insulation</p> <p>Sample No. A16577</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 10 (018)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16582</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 10 (019)</p> <p>Insulation residue redundant pipe hanger roller in wall void - Insulation</p> <p>Sample No. A16012</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 8 (020)</p> <p>Insulation residue redundant pipe hanger - Insulation</p> <p>Sample No. A16013</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 11 (021)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16579</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 11 (022)</p> <p>Insulation residue to hangers on walls - Insulation</p> <p>Sample No. A16581</p> <p>Crocidolite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 11 (023)</p> <p>Bitumen course in concrete - Bituminous Product</p> <p>Sample No. A16580</p> <p>No Asbestos Detected</p>		
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<p>Tunnels</p> <p>Basement Section 11/13 (024)</p> <p>Insulation residue to SMF insulated pipework - Insulation</p> <p>Sample No. A16014</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 12 (027)</p> <p>Insulation residue to walls and framework - Insulation</p> <p>Sample No. A16015</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 12 (028)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16584</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 12 (029)</p> <p>Insulation residue to framework - Insulation</p> <p>Sample No. A16016</p> <p>Amosite</p>		
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<p>Tunnels</p> <p>Basement Section 14 (030)</p> <p>Sectional insulation on wall / ledge - Insulation</p> <p>Sample No. A16583</p> <p>Crocidolite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 15 (031)</p> <p>Insulation board panel to door - Low Density Board</p> <p>Sample No. A16586</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 15 (032)</p> <p>Insulation residue to walls - Insulation</p> <p>Sample No. A16587</p> <p>Amosite</p>		
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Tunnels

Basement Section 15 (034)

Residue to electrical box from seal - Gaskets (rope/woven)

Sample No. A16017

Chrysotile



Tunnels

Basement Section 16 (035)

Insulation residue to pipework and framework - Insulation

Sample No. A16588

Amosite



Tunnels

Basement Section 16 bottom of plumbing duct riser (036)

Insulation residue to pipework and walls - Insulation

Sample No. A16018

Amosite



Tunnels
Basement Section 9 (038)
Residue on roller hanger -
Insulation
Sample No. A16019
Amosite



Tunnels
Basement Section 9 (039)
Residue on hangers - Insulation
Sample No. A16020
Amosite



Tunnels
Sub-Basement Section 8 -
Sublevel plant room (040)
Debris between ceiling boards
above door - Insulation
Sample No. A16589
No Asbestos Detected



<p>Tunnels</p> <p>Basement Throughout tunnel sections 7,8,9,10,11,12,13,14,15 & 16 (043)</p> <p>Extensive residue to pipes below SMF insulation - Insulation</p> <p>Sample No. Presumed</p> <p>Crocidolite, Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 13 (044)</p> <p>Insulation to bracket - Insulation</p> <p>Sample No. A16585</p> <p>Amosite & Chrysotile</p>		
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<p>Tunnels</p> <p>Basement Section 5 (045)</p> <p>Dust to pipework hangers - Insulation</p> <p>Sample No. A16021</p> <p>No Asbestos Detected</p>		
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Sample Location Site Plans

Areas in this plan are NOT cleared to reoccupy due to extensive contamination, pipework residue, lagging debris and other materials

Key
AEC sample numbers and locations

A16001 →

2 SITE MAP Taken from K2 clearance report to ensure consistency with section naming in tunnels

The numbers below detail where samples were collected from. Note: this map is not to scale and is used as an indication only.

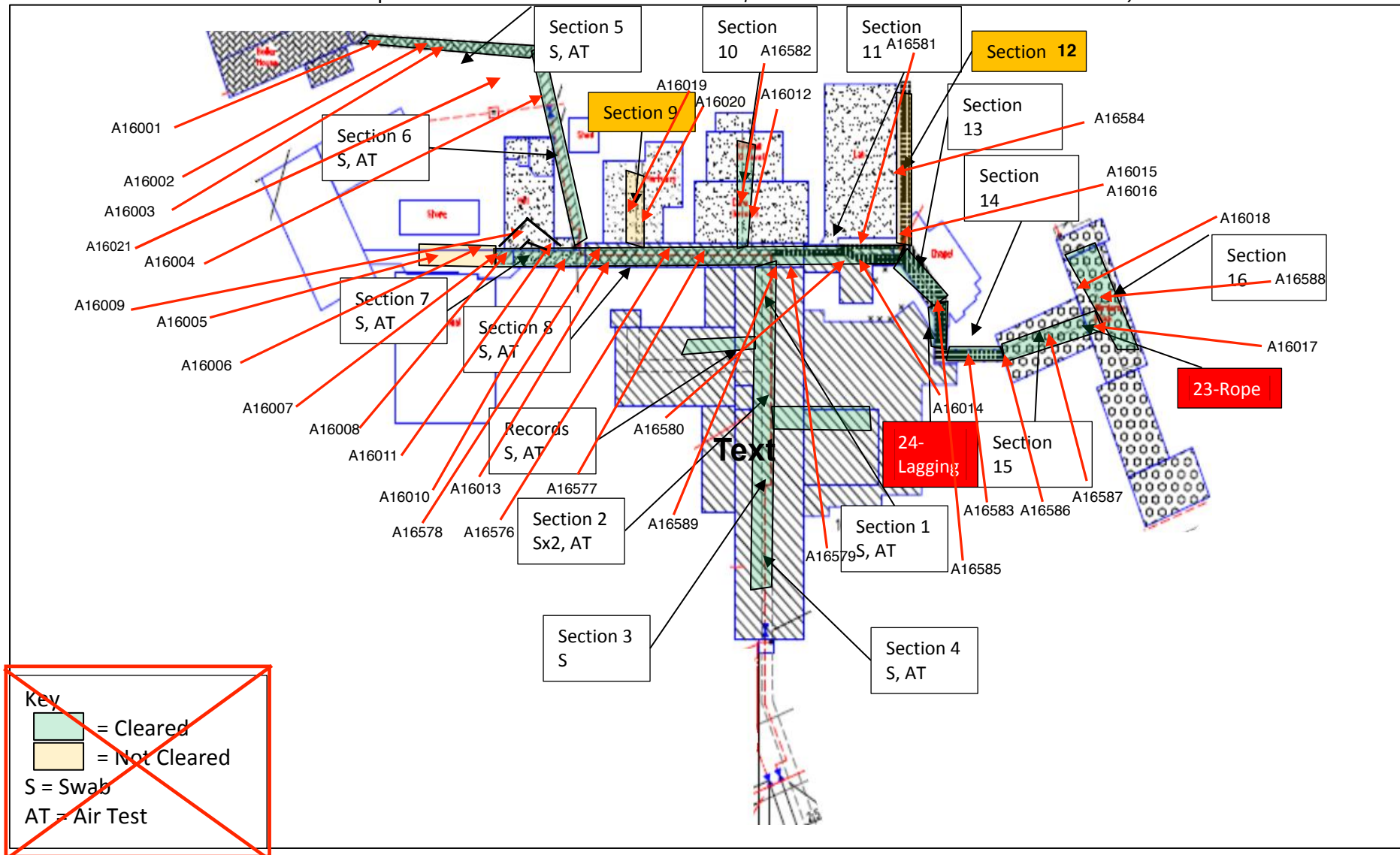


Figure 1 Site Map Detailing Asbestos Results

Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5606

Client:	Asbestos Environmental Consultants	Date Sampled:	16/11/2018
Client Contact:	Ritchie Bower	Date Received:	16/11/2018
Telephone:	021 023 94186	Date Analysed:	16/11/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (Tunnels)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16576	Not supplied	Insulation	0.2 x 0.2	AMO	Yes
002	A16577	Not supplied	Fibre Cement	1 x 1	NAD, ORF	No
003	A16578	Not supplied	Insulation	2 x 1	CHR, AMO	Yes
004	A16579	Not supplied	Insulation	0.5 x 0.5	AMO	Yes
005	A16580	Not supplied	Bitumastic Material	2 x 1	NAD, ORF	No
006	A16581	Not supplied	Insulation	2 x 1	CHR, CRO	Yes
007	A16582	Not supplied	Insulation	0.5 x 1	AMO	Yes
008	A16583	Not supplied	Insulation	3 x 2	CHR, CRO	Yes
009	A16584	Not supplied	Insulation	1 x 1	AMO	Yes
010	A16585	Not supplied	Insulation	2 x 1	CHR, AMO	Yes
011	A16586	Not supplied	Fibrous Board	1 x 1	CHR, AMO	Yes
012	A16587	Not supplied	Insulation	1 x 1	AMO	Yes
013	A16588	Not supplied	Insulation	1 x 1	AMO	Yes
014	A16589	Not supplied	Debris	2 x 1	NAD, ORF, SMF	No
015	A16590	Not supplied	Insulation	1 x 1	NAD, SMF	No
016	A16001	Not supplied	Debris	3 x 2	NAD, ORF, SMF	No
017	A16002	Not supplied	Debris	0.5 x 0.5	NAD, ORF, SMF	No
018	A16003	Not supplied	Debris	2 x 1	NAD, ORF, SMF	No
019	A16004	Not supplied	Debris	2 x 1	NAD, ORF, SMF	No
020	A16005	Not supplied	Insulation	2 x 1	CHR, AMO	Yes
021	A16006	Not supplied	Insulation	2 x 2	CHR, AMO	Yes
022	A16007	Not supplied	Backing Material	2 x 2	CHR	Yes
023	A16008	Not supplied	Insulation	1 x 1	CHR, AMO	Yes
024	A16009	Not supplied	Insulation	2 x 1	CHR, AMO	Yes
025	A16010	Not supplied	Resinous Board	0.3 x 0.3	CHR	Yes
026	A16011	Not supplied	Insulation	4 x 2	AMO	Yes

Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
027	A16012	Not supplied	Insulation	2 x 2	AMO	Yes
028	A16013	Not supplied	Insulation	0.3 x 0.3	AMO	Yes
029	A16014	Not supplied	Insulation	1 x 1	AMO	Yes
030	A16015	Not supplied	Insulation	0.3 x 0.3	AMO	Yes
031	A16016	Not supplied	Insulation	0.5 x 0.5	AMO	Yes
032	A16017	Not supplied	Debris	0.3 x 0.3	CHR, ORF	Yes
033	A16018	Not supplied	Debris	1 x 1	AMO, ORF, SMF	Yes
034	A16019	Not supplied	Insulation	4 x 3	AMO, ORF, SMF	Yes
035	A16020	Not supplied	Debris	0.3 x 0.3	AMO, ORF, SMF	Yes
036	A16021	Not supplied	Debris	2 x 1	NAD, ORF, SMF	No

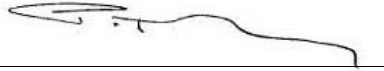
Fibre Identification Legend

CHR Chrysotile (white asbestos)
 AMO Amosite (Brown/Grey asbestos)
 CRO Crocidolite (Blue asbestos)
 UMF Unknown Mineral Fibre

ORF Organic Fibre
 SMF Synthetic Mineral Fibre
 NFD No Fibres Detected
 NAD No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



ASBESTOS MANAGEMENT SURVEY

Site: OT Store
Prepared for: South Canterbury District Health Board
Project Ref: C-00699 (P1213-020)
Date of survey: 29 November 2018



OT Store

Space / Location	Description	Sample Ref	Asbestos Type	Surface Treatment	Product Type	Condition	Disturbance Potential	Risk Score	Extent	Action	Comments
Ground Floor Store 1 (001)	Vinyl Products - Vinyl floor covering - Grey	A16695	0	-	-	-	-	0	-	A6	
Ground Floor Store 1 (002)	Cement Product - Screed below Vinyl floor covering - Grey	A16696	0	-	-	-	-	0	-	A6	Presume to be present below floor coverings throughout building

No Access Areas

OT Store, No intrusive/ destructive inspection techniques used (008)

Photographs

OT Store

Ground Floor Store 1 (001)

Vinyl floor covering - Grey -
Vinyl Products

Sample No. A16695

No Asbestos Detected



OT Store

Ground Floor Store 1 (002)

Screed below Vinyl floor
covering - Grey - Cement
Product

Sample No. A16696

No Asbestos Detected



Sample Location Site Plans

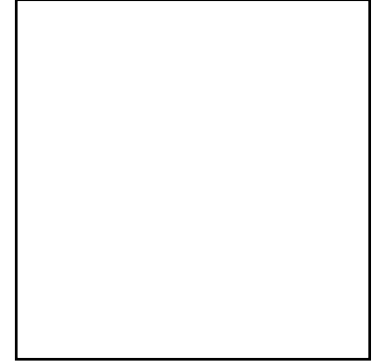


Not to scale

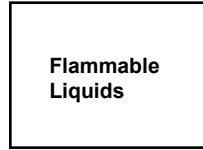
OT Store 1



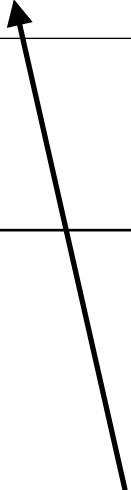
OT Store 2



No asbestos suspected



**A16695
A16696**



Analytical Reports

CERTIFICATE OF ANALYSIS

Asbestos Identification

Certificate No: 18-5973

Client:	Asbestos Environmental Consultants	Date Sampled:	30/11/2018
Client Contact:	Ritchie Bower	Date Received:	3/12/2018
Telephone:	021 023 94186	Date Analysed:	3/12/2018
Email:	results@asbestosnz.com	Order No.:	P1213
Address:	Suite 11, Hillary House, 1 Alice Avenue Orewa 0931	Sampled By:	As Received
Site:	Timaru Hospital (OT Store)		

Test Method:

Qualitative identification of asbestos types in bulk samples at PROLABS Laboratory by polarised light microscopy, including dispersion staining techniques using PROLABS in-house method ID-1, AS4964 (2004). The results contained within this report relate only to the sample(s) submitted for testing. PROLABS accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.

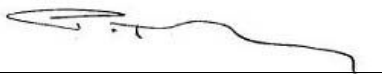
Lab ID	Sample ID	Sample Details	Sample Type	Size / Weight cm/g	Fibres Identified	Asbestos Present
001	A16695	Not supplied	Vinyl Sheet	2 x 1	NAD, ORF	No
002	A16696	Not supplied	Floor Levelling Compound	2 x 1	NAD, ORF	No

Fibre Identification Legend

CHR	Chrysotile (white asbestos)	ORF	Organic Fibre
AMO	Amosite (Brown/Grey asbestos)	SMF	Synthetic Mineral Fibre
CRO	Crocidolite (Blue asbestos)	NFD	No Fibres Detected
UMF	Unknown Mineral Fibre	NAD	No Asbestos Detected

Approved Identifier

Name: Philip Torley



Approved Signatory

Name: Philip Torley



Appendix B Staff Asbestos Information

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Staff Asbestos Information

Introduction

Our Client is conducting surveys of its premises to obtain comprehensive information about any asbestos materials on its premises so that it can maintain an up-to-date register of these materials and manage them appropriately.

It is extremely important to define the terms used in these exercises so that we all have a common understanding of the difference between **hazard** and **risk**.

What is a hazard?

A hazard is something, which has an inherent danger, that is a potential to cause harm, but it may not pose a risk to anyone.

What is a risk?

A risk is the probability that a potential harm may become actual. That is the probability that the potential hazard will actually cause harm.

Some practical examples

Here are some examples. Electricity is inherently dangerous but given modern methods of wiring, insulation and residual current detection devices the risk to people using electricity in the home or office is negligible. Similarly, asbestos is inherently dangerous, however there is absolutely no risk to people unless the asbestos fibres become airborne and are breathed into the lungs. A toxic chemical has an inherent danger but so long as it remains in the bottle it poses no risk. Only when it is possible for it to enter the body does a risk arise.

What does this mean for my health and safety?

Consequently, the identification of hazardous materials on a site does not necessarily pose any risk to people. Nevertheless, hazardous materials must be identified in order to ensure that what we do with these materials, and how we handle them, both now and in the future, will not produce any harm to people.

The survey process

Once an independent professional asbestos materials survey group has conducted the audit, the results are reported to the Property Manager. The survey report advises the appropriate course of action to be followed if the presence of asbestos material has been confirmed.

ASBESTOS

The following provides information about the asbestos materials so far identified and the risks to employees posed by the materials. This information is not meant to be a comprehensive guide, but simply provides information about the hazard in the context of the survey findings – this information should only be used in that context.

What is asbestos?

Asbestos is an extremely durable material that is resistant to fire, so was used extensively in building materials (like roofing shingles, cement and floor and ceiling tiles), particularly in the 1970s and on a reduced basis up to 2000.

Many buildings in New Zealand contain asbestos. The presence of asbestos is not necessarily hazardous. Asbestos fibres must be inhaled to represent a health risk, so only loose asbestos fibres or

those in the air supply represent a risk. Stable asbestos, such as intact cement, tiles, or other products are generally not considered a hazard.

How is it present in the working environment?

Many asbestos products and materials may still be found in buildings – some of the common materials in older building products would include vinyl asbestos floor tiles, roofing felts, suspended ceiling tiles, asbestos cement products and fibro asbestos sheeting.

What is the hazard?

The material is hazardous because of the potential for asbestos fibres to be released into the atmosphere and inhaled. The particular danger with asbestos is that the fibres break down to smaller and smaller diameters enabling them to travel right down the airways to reach the deepest part of the lungs.

We distinguish fibres by diameter size. Those above 3 micrometres (3 thousands of a millimetre) we call inspirable, that is, able to be inspired (breathed into the nose and throat). Fibres with diameters less than 3 micrometres we call respirable, that is, able to reach areas of the lung where respiration (absorption of oxygen) actually occurs – the alveoli of the lungs.

If large doses of respirable fibres reach the alveoli of the lungs in this way they can lead, after many years, to serious lung disorders including asbestosis, pleural plaques, lung cancer and mesothelioma.

What is the risk to employees?

In terms of actual risk to people, asbestos only presents a risk when it is airborne. There is no risk associated with asbestos when it has been incorporated into a stable matrix (fibro asbestos sheeting) or when the material has been sealed or encapsulated in some manner or form unless the material is disturbed and releases fibres to the air.

Fibres may be released from these sorts of materials for example by drilling, sawing, breakage, etc. or by the stable matrix breaking up due to wear or the sealant breaking down.

Thus, having determined the presence of asbestos, in order to determine the risk associated with that asbestos, it is important also to identify the type of asbestos found, the form in which it is found and the condition of the material in which it is found. The survey report does exactly that.

How do we control the risks?

The control of asbestos hazards should utilise the most appropriate method applicable to the particular circumstances. Based upon a professional assessment of the condition of the asbestos, the possibility of further damage or deterioration, and the potential for exposure of personnel to airborne fibres, the methods of control include: leaving in situ with appropriate monitoring, encapsulation or sealing, enclosure and removal.

The Asbestos Consultant, as part of their report, advise the client, in the light of the risk assessed, what priority action should follow the identification of asbestos in any building.

The Client will follow the action recommended by the Asbestos Consultant.

Key References

Health & Safety at Work (Asbestos) Regulations 2016

HSG 264 The Asbestos Survey Guide

WorkSafe NZ – *ACoP for the Management and Removal of Asbestos*, Nov 2016

Appendix C
Key Contacts

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PROPERTY CONTACT DETAILS

Site Details

Address: Timaru Hospital, South Canterbury DHB
Queen Street, Parkside, Timaru
Telephone number: 03 687 2100 - Maintenance Dept

Property / Site Manager – Asbestos Contact

Name: Simon Johnston
Position: Facilities & Maintenance Manager
Address: Maintenance Dept, Queen Street, Parkside, Timaru 7910
Telephone Number: 03 687 2381 / 027 318 1802
Email address: sdjohnston@scdhb.health.nz

Contact 2

Name: Peter Moore
Position: H&S Manager
Address: H&S Dept, Queen Street, Parkside, Timaru 7910
Telephone Number: 027 447 8727
Email address: PMoore@scdhb.health.nz

Contact 3

Name: Asbestos Environmental Consultants Limited
Position: Asbestos Consultants / Licensed Asbestos Assessors
Address: Suite 11, Level 1, Hillary House, 1 Alice Avenue, Orewa 0931
Telephone Number: 0800 034 244 / 09 424 5767 or out of hours 0210 239 4186
Email address: Info@aecnz.co.nz

Other Emergency Contacts

Name: Hospital Internal Emergency Number
Telephone Number: 7777