PROJECT: NIHON UNIVERSITY NEWCASTLE CAMPUS

Monthly Project Control Group Report

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Report No.	11
Status	☐ Draft ☒ Approved
Prepared By	Ben Moss (Built Pty Ltd)

TEMPLATE OWNER: ENTERPRISE PROJECT CAPABILITY (v 12 DEC 10)

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Document Control

Revision History

Version	Author	Issue Date	Changes
Draft A	Ben Moss	16.01.2020	Draft Report
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PCG Report 01	Ben Moss	31.01.2020	January 2020
PCG Report 02	Ben Moss	28.02.2020	February 2020
PCG Report 03	Ben Moss	27.03.2020	March 2020
PCG Report 04	Ben Moss	29.04.2020	April 2020
PCG Report 05	Ben Moss	29.05.2020	May 2020
PCG Report 06	Ben Moss	26.06.2020	June 2020
PCG Report 07	Ben Moss	31.07.2020	July 2020
PCG Report 08	Ben Moss	29.08.2020	August 2020
PCG Report 09	Ben Moss	25.09.2020	September 2020
PCG Report 10	Ben Moss / Rob McLaughlin	30.10.2020	October 2020
PCG Report 11	Ben Moss	27.11.2020	November 2020

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1. Introduction

Built NSW Pty Ltd has been engaged by Nihon Daigaku Australia Newcastle Pty Ltd, c\o Azusa Sekkei & dwp Australia Pty Ltd to undertake the project and works associated with the redevelopment of the existing heritage listed Newcastle Courthouse site for the new Nihon University Newcastle Campus located at 9 Church Street, Newcastle NSW Australia.

Built NSW has been engaged under a Design & Construct (D&C) Contract for the Services and Structural (excluding Heritage Building) packages whilst all other packages are Construct Only.

The project consists of the complete demolition of two existing three storey buildings, site remediation (including the management of any resultant contamination, mine workings and/or archaeological findings), the restoration and refurbishment of the retained and state heritage listed Newcastle Courthouse building and the construction of two new four storey buildings comprising student accommodation in the eastern building and teaching space\carpark in the western building.

2. Project Details

Date of Site Report: 27th November 2020

Prepared by Company: Built Pty Ltd

Address: Level 1, 155-157 Lambton Rd, Broadmeadow, NSW 2290

Contact: Rob McLaughlin

Phone: 02 4077 5906 **Email: robertmclaughlin@built.com.au**

Project No: 201229

Project Name: Nihon University Newcastle Campus

Address: 9 Church Street, Newcastle, NSW 2300

Client: Nihon Daigaku Australia C/O Azusa Sekkei

Architect / Head Contract Administration: dwp Australia Pty Ltd

Superintendent's Address: 16 Telford Street, Newcastle East, NSW 2300

Contact: Ed Clode

Phone: 02 4926 5222 **Email: Edward.c@dwp.com**

3. Report

3.1 HSE Overview

The project team and site personnel demonstrated satisfactory HSE performance in November 2020 with separate near miss (not notifiable) & first aid incidents occurring.

Throughout November, high risk works were a daily occurrence onsite and all project personnel have performed well in ensuring the appropriate control measures are implemented in consultation with others. General housekeeping continues to be an issue as labour increases, however, significant improvements have been demonstrated by the subcontractors onsite.

Overall, personnel continue to actively participate in identifying and controlling potential hazards onsite. As we approach the Christmas holiday period, there is a strong focus on maintaining a high level of awareness and caution when planning and undertaking construction activities.

A summary of HSE issues for the reporting period is outlined in Table 1 below.

The HSE Incident Register is attached in **Appendix A.**

Table 1: HSE Incident Summary

DATE OF ISSUE	BRIEF SUMMARY OF ISSUE	CORRECTIVE ACTION COMPLETED
12.11.2020	Near Miss – A formwork table was caught by the crane hook after loading a truck, causing the table to slip off into the work zone. Traffic was stopped by traffic control personnel at the time and no personnel or pedestrians were in the vicinity. No damage or injuries occurred.	Formwork & Crane personnel were tool boxed on loading/unloading procedures.
23.11.2020	Visit by Regulator – SafeWork NSW Inspector attended site in response to a complaint received regarding loads being lifted over work zone. The Inspector reviewed HSE documentation & completed a site inspection with no issues raised. Note: Built had not received any complaints regarding this issue.	Nil
23.11.2020	First Aid – Worker tripped over while traversing over materials adjacent to work area resulting in a minor cut and bruising. First aid treatment was given, and the worker returned to work.	Personnel were directed to clean work area and store materials appropriately.

3.2 Community Liaison Overview

In accordance with SSD-9787 Conditions of Consent and BUILT's Community Liaison Plan, BUILT has liaised with nearby residents, businesses, and organisations. BUILT intends to work closely with our neighbours for the duration of the Nihon University project by regularly updating and consulting stakeholders on upcoming works and overall construction progress.

BUILT has also established a Community Liaison email account (nihon@built.com.au) that is monitored by the Community Liaison Officers daily and a 24-hour contact number is present on project signage located on Church Street access gates.

BUILT maintains a register of all community complaints, notices, and queries received to ensure compliance with SSD conditions and reporting requirements.

A brief summary of community liaison for the reporting period is outlined in Table 2 below.

The Community Liaison Register is attached in **Appendix B**.

Table 2: Community Liaison Summary

DATE OF ISSUE	BRIEF SUMMARY OF ISSUE	RESPONSE / ACTIONS COMPLETED
18.11.2020	REF: 2011-CN022 Notice provided to the community regarding scheduled road restoration works on Church Street as part of the Hunter Water Upgrade works.	– Response received from resident regarding driveway access. Built responded advising limited access for single day. No further action. – Newcastle Police contacted Built after completion of works and advised of no issues.
23.11.2020	REF: 2011-CC018 SafeWork Inspector attended site to follow up on a complaint received (no complaint was received by Built) regarding loads being lifted over Church Street Work Zone. The inspector reviewed project documentation and conducted a site inspection. No issues raised.	– Nil

3.3 Audits & Monitoring

Throughout the Nihon University Newcastle Campus project, Health, Safety, Environmental & Quality (HSEQ) Audits will be undertaken internally by Built and externally by an Independent Third-Party Auditor (GHD Group Pty Ltd Newcastle) in compliance with both Built Management Systems (AS/NZS ISO 14001 & AS/NZS ISO 9001:2016 accredited) and SSD-9787 Development Consent Conditions.

Built has engaged a qualified and experienced Acoustic Consultant, RAPT Consulting (RAPT) to conduct noise and vibration monitoring throughout the duration of the project as required by the Construction Noise and Vibration Management Sub-Plan. Built's Project HSE Officer also conducts noise level spot checks on current construction activities, plant, and equipment.

A summary of these audit and monitoring activities is outlined in Sections 3.3.1 & 3.3.2 below.

Copies of the key monitoring and inspection records as required under SSD-9787 are attached in **Appendix C.**

3.3.1 Internal Audits & Monitoring

The Built project team completed a total of 52 HSE site inspections and monitoring activities throughout November 2020 with 59 corrective actions assigned as a result.

Table 3 below outlines the total number of activities completed by Built during the reporting period. All activities are completed and recorded electronically using the Built.Safe software platform.

Table 3: Monthly Record of Internal HSE Activities Completed

ACTIVITY	DESCRIPTION	COMPLETED	ACTIONS
Site Inspection	Inspection of the site or specific work areas to identify potential HSE hazards and verify the implementation and effectiveness of management measures.	22	35
Plant Inspection	Inspection of plant and equipment to check it is fit for use prior to being permitted to use onsite or to re-inspect after a significant breakdown, damage, or expiry of a plant induction sticker.	5	0
Monitoring	Used to monitor construction activities compliant with the processes outlined in the Project HSE Management Plans and requirements of development approvals and permits.	22	4
BSMS Review	Review of the implementation and effectiveness of the Built Safe Mandatory Standards (controls) in relation to process risks such as scaffolding, temporary works, demolition, FRP concrete, and asbestos.	1	20
Noise Level Spot Check	Used to monitor noise levels at sensitive receiver locations, specific work areas, construction activities, and plant/equipment.	2	0
Audit – Internal HSE Plan	Used to monitor and measure the implementation of the HSE Plan by the project.	0	0
	TOTAL	**52**	**59**

Key activities completed (including related corrective actions) are summarised in Table 4 below.

Table 4: Summary of Key Internal Activities

DATE OF ACTIVITY	BRIEF SUMMARY OF ACTIVITY	CORRECTIVE ACTIONS COMPLETED
04.11.2020	Noise Level Spot Check – Noise level check during structure works identified that readings were within the required criteria.	Nil
05.11.2020	Site Inspection (Building A & C) – Consultative inspection on all levels identified minor issues related to access and potential fall from height and falling object hazards on scaffold.	– 8 actions related to access, housekeeping, & scaffolding.
11.11.2020	Noise Level Spot Check – Noise level check during structure works identified that readings were within the required criteria.	Nil
11.11.2020	Site Inspection (Church Street & Building C) – All traffic & pedestrian management controls implemented in accordance with CTPMSP. – Hoarding, gantry, road, and footpaths clean and in good condition. – Scaffold tags current & safety stations on each level. – Identified potential hazards at lift cores.	– 2 actions related to fall from heights / working near edges. – 2 actions related to all weather access between buildings to be closed.
17.11.2020	Monitoring (Building A Level 3 Concrete Pour) – Traffic & pedestrian control in place. – Environmental controls in place.	Nil
25.11.2020	Site Inspection (Church Street & Site Entry/Office) – All traffic & pedestrian management controls implemented in accordance with CTPMSP. – Hoarding, gantry, road, and footpaths clean and in good condition. – Concrete pump established in accordance with appropriate HSE controls. – Project signage & COVID 19 prevention measures in place.	– Sediment control log to Church Street drain required replacing due to degradation. – Section of Church Street pedestrian crossings to be re-painted due to road restoration works.
25.11.2020	Monitoring (Building C Concrete Pour) – Traffic & pedestrian control in place. – Environmental controls in place.	Nil
26.11.2020	Site Inspection (Whole of Site) – Identified issues with PPE, housekeeping, access, penetrations, and exclusion zones.	– 11 actions to be closed out on the identified issues.

3.3.2 External Audits & Monitoring

A SafeWork Inspector attended site to follow up on 23rd November in relation to a complaint received regarding loads being lifted over the road in front of the works zone. The inspector reviewed the traffic management and traffic control plans, SWMS, crane crew and traffic controller competencies, and road permits. No issues were raised from the documentation review.

A Toolbox meeting was undertaken with crane crew and traffic control to reinforce controls around lifting from the works zone. All observed lifts have been completed in accordance with required controls and traffic stopped.

Whilst onsite, the SafeWork Inspector completed a site inspection to assess high risk construction activities related to electrical and scaffolding. No issues were raised from the site inspection.

A copy of the SafeWork Inspection Report is **attached in Appendix C**.

3.4 Contract Programme Status

3.4.1 Construction Progress Update

The following key construction activities have been completed during the reporting period:

Key Project Milestones:

- Nil this period.

Authority Approvals:

- Nil this period.

Structure Works:

- Residential Building – FRP Roof Level Suspended Slab – Complete
- Residential Building – FRP Lift Overrun Walls – Complete
- Residential Building – Stripping Formwork & Back Propping Install - Complete
- Education Building – FRP Level 3 Suspended Slab – Complete
- Education Building – FRP Level 3-4 Walls & Columns – Complete

Façade:

- Residential Building – Level 1-2 Blockwork – Complete
- Residential Building – Level 1 Subframes & Site Measure – Complete
- Residential Building – Level 1 Windows - Complete
- Residential Building – Level 2 External Framing & Sarking - Complete
- Residential Building – Level 2-3 Blockwork – Complete
- Residential Building – Level 2 Subframes & Site Measure – Complete
- Residential Building – Level 2 Windows - Complete
- Residential Building – Level 3 External Framing & Sarking - Complete
- Residential Building – Level 3-4 Blockwork – Complete
- Residential Building – Level 3 Subframes & Site Measure – Complete
- Residential Building – Level 4 External Framing & Sarking - Complete

Services:

- Residential Building – Level 1 Rough In – Complete

Finishes:

- Residential Building – Level 2 Frame Partitions – Complete
- Residential Building – Level 3 Frame Partitions – Complete
- Residential Building – Level 4 Frame Partitions – Complete

3.4.2 Current Construction Activities

The following construction activities are currently underway on site and progressing well:

Building A – Education

- Level 4 Suspended Slab Formwork – 85%
- Level 2-3 Strip & Backprop – 25%
- Level 1 High Level Services Install – 10%

Building B – Heritage

- Structural Repairs & Carpentry – 90% complete
- Level 2 Rough In Services – 90% complete
- Level 3 Rough In Services – 80%
- Level 1 Finishes & Fitout – 35%
- Level 2a Finishes & Fitout – 10%
- Northern Façade Paint & Repairs – 10%

Building C – Residential

- Level 3 Façade Blockwork & Windows – 80%
- Level 4 Façade Blockwork & Windows – 57%
- Equitone/Nvelope Façade System – 50%
- Level 2 High Level Services Install – 95%
- Level 2 Services Rough In – 70%
- Level 3 High Level Services Install – 80%
- Level 3 Services Rough In – 35%
- Level 4 High Level Services Install – 15%
- Level 1 Frame Ceilings – 50%
- Level 1 Sheet Partitions – 90%
- Level 2 Sheet Partitions – 50%
- Level 3 Sheet Partitions – 25%

External Works:

- Hunter Water Sewer Upgrade – 99% complete
- Church Street Road Restoration Works – 85% complete (pending Tee & Valve Removal)

3.4.3 Upcoming Construction Activities (December 2020)

The following construction activities outlined below are expected to commence in December 2020:

Building A – Education

- FRP Level 4 Suspended Slab – target pour date 12/12/2020
- FRP Level 4-Roof Walls & Columns – target pour date 19/12/2020
- Formwork & Reinforcement to Roof Level Suspended Slab
- Level 2 Secondary Structural Steel Install
- Level 2 External Façade Framing
- Level 2-3 Façade Blockwork
- Level 3 Secondary Structural Steel Install
- Level 3 External Façade Framing
- Level 1 High Level Services Install – ongoing
- Level 1 Services Rough In
- Level 2 High Level Services Rough In
- Level 1 Main Switchroom Build
- Level 2 Frame Partitions

Building B – Heritage

- Structural Repairs to Small Courtroom - ongoing
- Paint & Repair Northern Façade – ongoing
- Paint & Repair Eastern Façade
- Paint & Repair Western Façade
- Level 2 & 3 Services Rough In (after site amenities relocate to Education Building) – ongoing
- Level 1a & 2a Finishes & Fitout - ongoing

Building C – Residential

- Levels 1 to 4 Façade & Windows – ongoing
- Levels 2 to 4 High Level Services Install – ongoing
- Levels 2 to 3 Services Rough In - ongoing
- Level 1 Sheet Partitions & Ceiling – ongoing
- Level 2 Sheet Partitions – ongoing
- Level 2 Frame Ceilings
- Level 3 Sheet Partitions
- Lift Pit & Shaft Works

External Works

- Nil

3.4.4 Potential Issues

BUILT regularly reviews the construction programme to identify issues that have the potential to impact time, cost, and quality aspects of the project. The following issues have been flagged for attention:

a) The extent of termite and water damage within the Heritage Courthouse.
b) COVID-19 global pandemic potential risk to construction activities and procurement.
c) Additional Archaeological investigations within areas yet to be excavated.
d) Risk of existing services within the Public Domain potentially affected by Section 138 Works.
e) Existing fibre optic cable located beneath Building C driveway may need to be relocated deeper to allow for the required civil works.
f) Registration of Stormwater and Ausgrid Easements.
g) Delivery delays to FFE (Steelcase Furniture) due to revised furniture scheme requested by Nihon.

3.4.5 Statused Contract Programme

A copy of the statused Contract Programme for November 2020 is attached in **Appendix D.**

3.4.6 Four Weekly Look Ahead

A Four Week Programme for December 2020 is attached in **Appendix E**.
This programme shows works still underway and commencing prior to the end of December 2020.

3.5 Progress Photos

Progress photos were taken throughout November 2020 and are attached in **Appendix F.**

3.6 Design Update

3.6.1 Architectural

- Architectural drawings continue to be updated following minor amendments, close out of services coordination and onsite issues.
- Minale Tattersfield has been awarded the contract for the graphic design of the Heritage Interpretation, Wayfinding and Building Identification. A briefing meeting was held on 24th Nov with City Plan to discuss requirements for signage. First submission for Heritage Interpretation will be mid-December.
- Built submitted updated design change register to dwp/ Azusa on 23rd November. There are still a number of items to be confirmed once pricing is received. The following items are yet to be included on the register:
  - Change to classroom projectors
  - Introducing horizontal tile between different tile types in amenities
  - Re-work for rough-in of accessible switches
  - Extend Defects Liability Period by one year
  - Natural ventilation to Residential service corridor
  - Replacement of timber windows and changes from aluminium to timber doors to Heritage Building.
- Access panel locations are being resolved currently for levels 2-4 of Residential Building

3.6.2 Structural & Civil

- Northrop are preparing the structural design calculations report for submission to Azusa early January.
- Built have transmitted all structural QA and inspection records for all slabs, columns and cores up to level 3 Education to Azusa for review by their Engineers.

3.6.3 Hydraulic Services

- No updates this period.

3.6.4 Electrical Services

- Alternative internal light fitting samples have been approved and are ordered.
- Built submitted internal lux calculations to Azusa for review.

3.6.5 Mechanical Services

- Shop drawings for Education Building Mechanical Services have been issued for AFC.

3.6.6 Fire Services

- No updates this period.

3.6.7 Fire Engineering

- No updates this period.

3.6.8 Green Star

- There have been no updates to the Green Star Pathway design items during this reporting period, therefore this document has not been attached in **Appendix G.**

3.6.9 Shop Drawings

- Shop drawing reviews and approvals are progressing through Aconex Workflow. A status of the workflows that are completed and in progress is attached in **Appendix H.**

3.7 Authorities & Approvals

3.7.1 NSW Dept. Planning & Environment.

- A statused version of the SSD-9787 Conditions Matrix has been attached in **Appendix I.**

3.7.2 City of Newcastle

- Council removed the existing street trees along the site frontage on 6th November.

3.7.3 Ausgrid

- Power Design have submitted their revised level 3 design to Ausgrid for the relocation of the electricity services in the footpath. Built are currently pricing this re-design.

3.7.4 Jemena

- No updates this period.

3.7.5 Hunter Water

- Hunter Water sewer works are complete except the infill of existing manhole & cast-in of new lid in driveway.
- Existing 100mm diameter Tee & Valve hydrant connection to HWC trunk main has been priced and meeting with Hunter Water is scheduled later this week.

3.7.6 NBN & TPG

- Pricing and scope have been received from Telstra and NBN for the relocation works in the footpath and the driveway.
- Built is yet to receive pricing from Vocus and TPG.

3.7.7 SANSW

- No further updates.

3.7.8 Principal Certifying Authority

- Dix Gardner completed progress inspection on 9th November. No issues raised.

3.8 Outstanding RFIs

(Generated from Aconex)

RFI Register							
Mail No.	**Subject**	**Sent**	**From (Company)**	**To (Company)**	**Status**	**Comments / Actions**	**Discipline**
dwp AU-RFI-000167	Pad Mount Kiosk - Ausgrid pre-construction meeting & Table of Critical Dates	22/06/2020	dwp	Built	Responded	Built organising another meeting on site with Ausgrid & Giant	Services
dwp AU-RFI-000175	Ausgrid SMSB Compliance Statement & Checklist	7/07/2020	dwp	Built	Responded	MSB Compliance Statement to be submitted post MSB installation. Mailec will provide forms for Nihon to completed	Services
dwp-RFI-000179	Stormwater diversion WAE survey plans	9/07/2020	dwp	Built	Responded	Stormwater pipe not centred in easement. Pit D3 encroaching on residential building structure. Pit D1 clashes with landscape retaining wall ACTION: Built to respond	Civil
BUILT-RFI-000386	Section J Report	15/07/2020	Built	Northrop	Responded	Northrop reviewing section J report	Services
dwp AU-RFI-000185	Re: Outstanding Coordination Issues	21/07/2020	dwp	Built	Responded	Built to respond. All outstanding issues have been instructed to subcontractors and will be picked up on AFC documentation	Services
BUILT-RFI-000559	Fire Hydrant Coverage	9/09/02020	Built	Northrop	Responded	ARA to update plans to include new hydrant behind booster assembly behind signage to front of residential building- Will update when drenchers added. Waiting on approval of costs	Services
BUILT-RFI-000586	Proposed door hardware schedule	16/09/2020	Built	dwp	Outstanding	Door hardware scheduled reviewed. No of keys to be confirmed by dwp - functioning of locks to aluminium doors requires further confirmation, details for glass doors to be drenched to be reviewed	Architectural

RFI Register							
BUILT-RFI-000587	O/A F B-1.1 Relocation Request - Further clarifications of finishes to grille/louvre	16/09/2020	Built	dwp	Responded	Waiting on confirmation of colour of grille from architect. Architect working with heritage consultant to finalise colours	Services
BUILT-RFI-000620	Facade Paint Samples	23/09/2020	Built	dwp	Responded	Paint samples provided to dwp for review and approval. Waiting for updated finishes schedule	Architectural
BUILT-RFI-000655	Issue with ABS edging to fire rated doors	30/09/2020	Built	dwp	Responded	Timber edge strip proposed to fire doors. Built to provide a sample for dwp to approve	Architectural
dwp AU-RFI-000220	Re: C20 & C21 Public Domain Works | S138 Roads Approval [RA2020/00157]	12/10/2020	dwp	Built	Responded	Meeting to be arranged once design issues with services are resolved	Civil
dwp AU-RFI-000226	Japanese Room Installation - Request for Pricing - Gallery G.19	13/10/2020	dwp	Built	Responded	Built are obtaining pricing / information from consultants about requirements	Architectural
dwp AU-RFI-000228	Client requested change - Residential L2 & L3 amenities	13/10/2020	dwp	Built	Outstanding	Drawings have been updated to included	Architectural
BUILT-RFI-000712	Substation kiosk set out	16/10/2020	Built	Power Design	Responded	Power Design need to resubmit design with Ausgrid URGENT - Targeting Energisation March 2021	Services
BUILT-RFI-000718	Fwd: Mailec Tech Data Sheets - CCTV & Access	16/10/2020	Built	Marline/dwp	Responded	Marline / dwp approved. Waiting on dwp to confirm with Jun/Nihon if all the intercoms need to have the ability to call more than one location simultaneously	Services
dwp AU-RFI-000235	Projector interface with AV	27/10/2020	dwp	Built	Responded	Drawings have been updated to include HDMI	Services
BUILT-RFI-000743	Further amendments to FER	29/10/2020	Built	Design Confidence	Responded	FER to be amended	Architectural
BUILT-RFI-000749	Isolation Valves to Residential Lobbies	3/11/2020	Built	McCallum	Responded	Isolation values in all lobbies, bathrooms & kitchens. Isolation values to all levels - so end user has ability to isolate water to	Services

RFI Register							
						particular rooms or isolate an entire level or all of site	
dwp AU-RFI-000239	Level 1 Laundry - Washer Dryer EQLD01 / EQLD02 - hydraulic services missing	4/11/2020	dwp	Built	Responded	Services required for washer / dryer	Services
BUILT-RFI-000769	Barrisol Lighting in Un-Sprinklered Building	9/11/2020	Built	Dix Gardner	Outstanding	Barrisol lighting query	Services
BUILT-RFI-000770	Check Valve/Assembly Locations - Resi Laundry	10/11/2020	Built	dwp/McCallum	Responded	Location confirmed - nib wall to be created. Height required	Services
BUILT-RFI-000772	Window Furnishings RFI	10/11/2020	Built	dwp	Outstanding	Window furnishing clarifications	Architectural
BUILT-RFI-000773	Access Panels_ Residential Level 1	11/11/2020	Built	dwp	Outstanding	Access panel layout	Architectural / Services
BUILT-RFI-000779	Public Domain Works - matching in RLs on western end	12/11/2020	Built	Cardno	Responded	Issues with heights - Cardno suggested site meeting with Council	Civil
BUILT-RFI-000780	Heritage Building Level Staff Room Proposed Services Layout	12/11/2020	Built	dwp	Outstanding	Proposed services layout	Services
dwp AU-RFI-000240	Marline Services Site Inspection Report 04 - November 2020	16/11/2020	dwp	Built	Outstanding	Marline inspection report - responses required by Built	Services
dwp AU-RFI-000241	Sewer clear out in Atrium	16/11/2020	dwp	Robert McCallum	Responded	Positions of sewer clear out in atrium to be confirmed	Services
dwp AU-RFI-000242	Kitchen clearances following blockwork thickening	16/11/2020	dwp	Built	Outstanding	Blockwork opening to be rectified. Has been discussed with J&H Commercial	Architectural
CRef-SUBRFI-000041	S138 gas location	16/11/2020	Built	Cardno	Responded	Queries for existing gas services and clashes with levels.	Services

RFI Register							
dwp AU-RFI-000243	Archaeological Report [Draft] for Heritage Interpretation	17/11/2020	dwp	Built	Responded	Built confirmed sandstone footings were not retained	Architectural

3.10 Recycling Records

Built has engaged Central Waste Station to handle all the construction waste from demolition through to project completion. Central Waste has a resource recovery centre in Kurri Kurri where they sort, and recycle materials on-site, or send on to speciality recyclers, with a minimum amount of waste that is unable to be recycled then disposed of in licenced landfill sites. Central Waste Station is targeting a 90% materials recovery rate of all waste collected.

Central Waste will issue monthly Waste Recovery Reports to Built specifically for this project. These reports are **attached in Appendix J**.

For the month of November 2020, the Waste Recovery Percentage is **94.51%**

4. Appendices

Appendix A – Monthly HSE Incident Register

Appendix B – Community Liaison Register

Appendix C – Audit Records

Appendix D – Statused Contract Programme

Appendix E – Four Week Programme

Appendix F – Monthly Progress Photos

Appendix G - Green Star Pathway Status

Appendix H – Workflow Status

Appendix I – Statused SSD-9787 Conditions Matrix

Appendix J – Monthly Waste Recovery Reports

Appendix A – Monthly HSE Incident Register

Monthly HSE Incident Register

Built.

Project: Nihon University

Nov-20

Month	Labour Hours	First Aid Incident	Medical Treatment Incident	Lost Time Incident	Near Miss Incident	Notifiable Dangerous Incident	Environmental Incident *Includes complaints
Jan-20	2180	0	0	0	0	0	0
Feb-20	6500	0	0	0	1	0	1*
Mar-20	5930	0	1	0	0	0	3*
Apr-20	5070	0	0	0	0	0	7*
May-20	7700	0	0	0	1	0	1*
Jun-20	7100	3	0	0	0	0	0
Jul-20	10820	0	0	0	0	0	0
Aug-20	11180	0	0	0	0	0	1*
Sep-20	11850	1	1	0	0	1	0
Oct-20	11440	0	1	0	0	0	1*
Nov-20	13924	1	0	0	1	0	1*
TOTALS:	**93694**	**5**	**3**	**0**	**3**	**1**	**15**

Appendix B – Community Liaison Register

Community Liaison Register

Built.

Project: Nihon University

Complaints Register

Last Updated: 27/11/20

REF ID	DATE / TIME RECEIVED	RECEIVED FROM	DESCRIPTION	DATE / TIME RESPONDED	RESPONSE BY	DESCRIPTION	CLOSED (Y / N)
2001-CC001	21/01/2020 1:20pm	TW (JFH Employee)	Concerned about removal of trees at Southern Boundary & wildlife. Works at James Fletcher Hospital.	22/01/2020 9:00am	BM	Phoned TW to disuss her concerns and assure precautions were taken and removal is in accordance with SSD-9787. Followed up with email containing project information and NSW Planning Portal	Y
2002-CC002	27/02/2020 4:20pm	TL (Resident)	Notified Built via email of cracks appearing within his property that were previously not noted. Believes demolition works occurring the past couple of days and vibration are the cause.	27/02/2020 5:06pm	BM	Phoned TL to further discuss the issue raised. An inspection of the property has been arranged for 3:00pm 28/02/2020 with TL, Built Project Manager and Structural Engineer who completed initial Pre-Construction Dilapidation Report. Follow up email sent to TL at 5:26pm confirming details of phone complaint and inspection. Inspection Report submitted to TL on 02/03/20 showing cracks identified and not worsened. Vibration monitor results received on 03/03/20 show compliance with structural levels.	Y
2003-CC003	9/03/2020 1:50pm	JL (Resident)	Noise complaint received via phone call to Construction Manager RM regarding noise prior to approved construction hours.	09/03/2020 1:58pm	BM	Built contacted JL on her mobile number to discuss the issue. JL stated that there was noisy vehicles and concerns of "loading of bricks and things in the morning" approximately between 4:30am to 6:30am. Upon review of CCTV footage, a large skip bin garbage truck and other heavy vehicle was seen on Bolton Street between 5-6:00am and not related to the Nihon Project. Built also spoke with JL's neighbour MH, who confirmed the workers were related to a project on Bolton Street as he had confronted them that morning.	Y
2003-CC004	10/03/2020 4:06pm	TL (Resident)	Tony lodged an additional complaint via email related to demolition works causing existing cracks to "enlarge" within his residence.	10/03/2020 4:23pm	BM	Built responded via email advising that vibration monitoring to date has shown compliant levels. It was requested that the Resident submits photos of enlarged cracks for review by Structural Engineer prior to another inspection as it was found that all cracks were existing after his initial complaint. Built conducted 7 days of monitoring at the residence between 13/03/2020 & 20/03/2020. Built issued Vibration Monitoring Report to the Resident on 26/03/2020 showing that vibration results were well under the limits for both structural damage and human comfort.	Y

Community Liaison Register

Built.

Project: Nihon University

Queries Register

Last Updated: 27/11/20

REF ID	DATE / TIME RECEIVED	RECEIVED FROM	DESCRIPTION	DATE / TIME RESPONDED	RESPONSE BY	DESCRIPTION	CLOSED (Y / N)
2002-CQ001	4/02/2020	Newcastle Police Station	Request for sound baffling installed to L1, 2, 3 Balcony Windows due to meeting held on 03/02/2020	4/02/2020	BM	Confimed that BUILT can organise an inspection by Acoustic Consultant and provide an appropriate solution. Acoustic solution provided by Consultant is to install acoustic door seals.	Y
2002-CQ002	19/02/2020	Newcastle Police Station	Request for Built to facilitate talks with City of Newcastle regarding long term solution for Correctional Services vehicle parking	19/02/2020	BM	Built has scheduled onsite meeting with Newcastle Police Station & City of Newcastle for 20/02/2020 to discuss solutions. City of Newcastle agreed to provide permanent parking on Watt Street for required vehicles.	Y
2003-CQ003	03/03/2020 1:04pm	AR	Email received from AR. Spoke with Built Foreman onsite regarding blanked out pedestrian crossing and concerns around pedestrian safety due to lack of signage & physical barriers warning common users that the crossing is no longer in place. Forwarded email sent to City of Newcastle expressing same concerns plus stating that Built had traffic control personnel onsite directing pedestrians which was good to see. Advised Council that additional signage should be implemented	04/03/2020 10:35am	BM	Response email sent acknowledging concerns and advising that Built is working with Council to ensure signage is installed ASAP. City of Newcastle responded on 09/03/20 with additional requirements originally not requested during consultation. All actions closed out.	Y
2003-CQ004	26/03/2020 5:19pm	JS	Email sent to Structural Engineer responsible for completing Pre-Construction Dilapidation Report on the property requesting that vibration causing activities be noted for Post-Construction Dilapidation Inspection.	27/03/2020	BM	Noted by Built & Engineer. No further correspondence received.	Y
2004-CQ005	01/04/2020 12:21pm	JP	Email sent to Nihon community liaison address advising of vibration felt within their residence caused by a loaded vehicle entering site	02/04/2020 2:06pm	BM	Response email sent noting concerns and advising of Built monitoring activities to maintain compliance and minimise disruptions. Advised the resident to contact if there are any further concerns or structural changes noted. No further response received.	Y
2004-CQ006	01/04/2020 12:47pm	KD	Email sent to Nihon community liaison address advising that vibrations were felt at various times throughout the day.	02/04/2020 2:08pm	BM	Response email sent noting concerns and advising of Built monitoring activities to maintain compliance and minimise disruptions. Advised the resident to contact if there are any further concerns or structural changes noted. No further response received.	Y

2005-CQ008	18/05/2020	Newcastle Grammar School	Phone call to Built & follow up email notifying Built that construction vehicles (trucks) were standing in the school drop off/pick-up zone. Noted this was prior to school zone hours and requested an alert to be raised with Built & Subcontractors to ensure no issues moving forward.	19/05/2020 9:24am	OR	Built immediately instructed Subcontractors on 18/05/2020 not to use this zone at any time. Follow up email sent to NGS advising them of action taken and acknowledging concerns. NGS had no further issues.	Y
2008-CQ009	10/08/2020	JP	Emailed Engineer responsible for dilapidation report to note potential cosmetic issues related to 2004-CQ005. Engineer contacted Built PM to advise.	10/08/2020	BM	Built PM contacted the resident via phone call to enquire further and requested photos to forward to Engineer for preliminary review. Resident submitted photos via email on 24/08/2020. Built PM forwarded photos to Engineer and has requested an inspection of the property to investigate further. The engineer inspected the property on 09/09/20 and reviewed alleged damage against pre-existing condition, noting that the majority of items were existing, whilst the remaining were minor and not captured within the original report. Built advised that these issues have been noted and would be further assessed at the completion of the post-construction dilapidation survey. No further comment has been received from the resident.	Y
2010-CQ010	19/10/2020	NGS	Received email advising that students would be using the building opposite Nihon University as a temporary exam facility for the next three weeks. Provided key exam dates with request that noise is minimised where able.	20/10/2020	BM	Built PM responded with advice that key exam dates did not currently clash with major construction activities (subject to change). Advised that as a precaution, additional noise monitoring and measures would be implemented where practicable and reasonable to do so if required.	Y

2003-CC005	19/03/2020 4:05pm	James Fletcher Hospital (JFH)	Architect/Superintedent notified Built of noise complaint lodged directly to DPIE regarding demolition works.	19/03/2020 4:40pm	BM	Built contacted JFH main contact, NH (Corporate Services Manager - Hunter New England Health) to discuss the complaint. NH advised that she was unaware of the issue and had received no internal complaints. Built conducted immediate spot check of demolition noise which showed works were within permissable noise limits. Built engaged acoustic consultant to conduct internal noise monitoring within JFH on 20/03/2020. Results came back compliant with construction noise limits & report was submitted to JFH for their records on 25/03/2020.	Y
2004-CC006	01/04/2020 12:59pm	JB & CG (Resident)	Lodged complaint by email to Nihon community liaison address regarding vibration causing discomfort	02/04/2020 2:11pm	BM	Response email sent noting concerns and advising of Built monitoring activities to maintain compliance with vibration criteria and minimise disruptions. Advised the resident to contact if there are any further concerns or structural changes noted.	Y
2004-CC007	03/04/2020 9:24am	JB & CG (Resident)	Lodged complaint by email to Nihon community liaison address regarding workers being spotted onsite without Hard Hats and not maintaining social distancing.	03/04/2020 10:22am	BM	Response email sent advising that Built takes HSE and social distancing measures seriously and that this concern has been immediately addressed with workers onsite. It must be noted that the workers were completing a pre-start talk and were outdoors in open space.	Y
2004-CC008	03/04/2020 1:16pm	JB & CG (Resident)	Lodged complaint in relation to 2004-CN009 Extended Working Hours advising of the Environmental Planning and Assessment (COVID-19 Development – Construction Work Days) Order 2020 being implemented onsite.	06/04/2020 3:05pm	BM	Response sent by email noting concerns and frustration. Also advised that Built is continuing to follow Government advice in response to COVID-19, will continue to monitor the situation and implement required measures. - Refer also to Community Notice (2004-CN010) sent on 06/04/2020	Y
2004-CC009	03/04/2020 3:15pm	KD (Resident)	Lodged complaint in relation to 2004-CN009 Extended Working Hours advising of the Environmental Planning and Assessment (COVID-19 Development – Construction Work Days) Order 2020 being implemented onsite.	6/04/2020	BM	Refer to Community Notice (2004-CN010) sent on 06/04/2020.	Y
2004-CC010	03/04/2020 9:13pm	CT (Resident)	Lodged complaint in relation to 2004-CN009 Extended Working Hours advising of the Environmental Planning and Assessment (COVID-19 Development – Construction Work Days) Order 2020 being implemented onsite.	6/04/2020	BM	Refer to Community Notice (2004-CN010) sent on 06/04/2020.	Y

2004-CC011	6/04/2020 10:04am	JB & CG (Resident)	Lodged complaint in relation to alleged cracking of their property caused by groundworks onsite.	06/04/2020 12:20pm	BM	Built arranged for an inspection of the property to assess claim against conditions noted within Pre-Construction Dilapidation Report. Inspection completed by Structural Engineer on 08/04/2020 Inspection Report issued to the Resident on 09/04/2020 advising that in the Engineer's opinion, the cracks identified by the Resident were noted within the Pre-Construction Dilapidation Report and had not worsened. Resident disputed the findings of one of the identified cracks. Built responded that vibration monitoring of an adjacent property during the same period had demonstrated compliance with vibration criteria and that any disputes will be addressed after the completion and findings of the Final Dilapidation Reports required under the Development Consent Conditions. No further response received.	Y
2004-CC012	06/04/2020 1:40pm	KD (Resident)	Lodged complaint by email regarding extended working hours, social distancing, and a traffic management issue on 04/04/2020 (Saturday).	06/04/2020 4:13pm	BM	Referred the Resident to Community Notice (2004-CN010) for response to concerns regarding social distancing. Advised that the traffic management issue had been issued to the Site Team and Subcontractors for urgent action. Also requested that for any future issues, the Resident should contact Built PM or SM immediately to ensure matters are actioned quickly. Email received from City of Newcastle Councillor thanking Built for responding to the concerns of residents.	Y
2004-CC013	8/04/2020 9:48am	MW (Employee - Newcastle Chambers)	Lodged complaint by email regarding noise caused by grinding activities onsite.	08/04/2020 11:58am	BM	Response stated Built's intention to minimise noise and conduct ongoing monitoring during construction, however, elimination of noise is not possible. Advised that structural demolition is nearing completion on the portion of site near his office. Note: Works were a short term activity located behind 2.4m plywood hoarding. No further response received	Y

2004-CC014	28/04/2020 2:42pm	NH (HNE)	Email correspondence received from HNE advising of internal complaints related to vibration causing activities and requesting information on construction monitoring activities and methodology mentioned within Community Notice (2004-CN011) Construction Progress Update 02.	28/04/2020 3:53pm	BM	Built responded via email advising of the current site activities and their expected completion date of 1st May and that previous monitoring had demonstrated compliance. Built also advised that vibration monitors had been collected on 28/04/20 and that the monitoring report would be submitted to HNE for transparency and their records. Built submitted the monitoring report to HNE on 01/05/2020 showing that the acceptable vibration dose levels for intermittent vibration related to human comfort had not been exceeded. No further issues raised.	Y
2005-CC015	21/05/2020 5:52am	BC (Resident)	Email sent to Built Design Manager regarding noise when site personnel are arriving to site in the morning around 6:30am to 7:00am. Complaint specifically mentions noise generated by individuals talking as walking past the residence.	22/05/2020 3:38pm	BM	Email response sent advising of construction hours commencing at 7:00am and that Built would reinforce the need to be mindful of neighbours when arriving onsite of a morning. Resident responded with no further issues.	Y
2008-CC016	25/08/2020	HNE JFH	Received email from HNE JFH Corporate Services Manager regarding update on works currently occurring onsite due to receiving internal correspondence the previous week regarding jackhammering.	25/08/2020	BM	Built PM provided update of construction progress and advised that hand-held jackhammers were being intermittently used during construction of foundations. Works were expected to be completed by 28/08/2020. HNE responded advising of no further issues.	Y
2010-CC017	17/10/2020 6:38am	CG (Resident)	Received noise complaint from resident via text message and email on 17/10/2020 in relation to being woken by a worker opening the site access gate for personnel arriving to work.	19/10/2020	BM	Built PM provided apology and advised that whilst no construction activities or material deliveries were occurring at the time (in compliance with consent conditions), personnel would be reminded to be mindful of neighbours and noise when arriving to site of a morning. No further response received.	Y
2011-CC018	23/11/2020	Resident (Unknown) / SafeWork NSW	Safework Inspector attended site to follow up on a complaint received last week. Complaint received was around loads being lifted over the road in front of the works zone. The inspector reviewed the traffic management and traffic control plans, SWMS, crane crew and traffic controller competencies, road permits. No issues raised from documentation. Toolbox will be undertaken with crane crew and traffic control to reinforce controls around lifting from the works zone. All observed lifts have been completed in accordance with required controls and traffic stopped. NOTE: No complaint was received on this matter.	23/11/2020	ML	Nil	Y

Community Liaison Register

Built.

Project: Nihon University

Notices Register

Last Updated: 27/11/20

REF ID	DATE ISSUED	ISSUED TO	ISSUED BY	METHOD	DESCRIPTION	RESPONSES RECEIVED / DETAILS	CLOSED (Y / N)
1911-CN001	5/11/2019	ALL	SV	LETTER	Dilapidation Report request to nearby stakeholders - residents, businesses, etc.	Responses received from majority of stakeholders. Dilap reports completed by Engineer and submitted.	Y
1912-CN002	13/12/2019	James Fletcher Hospital	SV	MEETING	Consultation meeting with Hunter New England Health Management to discuss upcoming commencement of works, general scope, temporary fencing, boundary, etc.	Response received post-meeting that HNE Health would like the opportunity for NSW Dept. Public Works to review the works.	Y
1912-CN003	19/12/2019	ALL	BM	LETTER	Notice of commencement of works	NIL	Y
2001-CN004	21/01/2020	ALL	BM	EMAIL / LETTER	Notice of commencement of Asbestos removal	NIL	Y
2002-CN005	4/02/2020	Newcastle Police Station	BM / LA	MEETING	Meeting with Sgt Darren Holmes (Station Manager) to discuss shared lighting circuit requiring disconnection, noise mitigation & upcoming Work Zone Installation.	2002-CQ001	Y
2002-CN006	5/02/2020	NGS	BM	MEETING	Consultation meeting with Newcastle Grammar School Deputy Head of School & Director of Operations to discuss potential impacts and concerns regarding relocation of pedestrian crossing and proposed construction zone along Church Street site frontage.	Initial response was positive due to concerns around student & staff safety traversing past live site. Built issued additional information for review and suggested additional meeting if required.	Y
2002-CN007	19/02/2020	Newcastle Police Station	BM	LETTER	Formal notice of work zone installation	NPS raised concerns on lack of solution for parking of Correctional Services vehicles. Requested Built facilitate talks with CoN. Built facilitated discussions with CoN on 20/02/2020 & long term solution was agreed.	Y
2002-CN008	20/02/2020	ALL	BM	EMAIL & LETTER	Construction progress update including completion of Stage 1 asbestos removal, commencement of structural demolition, installation of work zone & pedestrian crossing	Response from Newcastle Grammar School thanking Built for notification and advised they will communicate the information to their parent body.	Y
2003-CN009	2/03/2020	HNE	BM/OR	MEETING	Meeting arranged with HNE & NSW Public Works representatives to discuss heritage wall retention works and other construction activities potentially affecting HNE James Fletcher Hospital	HNE Engineer Jason Thomas was the only attendee. Discussed all works and items. Built issued meeting minutes & retention design to HNE on 04/03/2020 for review and comment Deadline for HNE response is 27/03/2020. Response received from HNE on 27/03/2020 with no objections.	Y
2004-CN009	3/04/2020	ALL	BM	EMAIL / LETTER	Extended Construction Hours: Notice issued to all surrounding residents, businesses, and organisations advising of the introduction of the Environmental Planning and Assessment (COVID-19 Development - Construction Working Days) Order 2020. The notice advised that Built intended to enact this Order at Nihon University until further advice/notice received from the NSW Dept. Planning, Industry and Environment	Community complaints received from Residents on Church Street. These are referenced below. 2004-CC007 2004-CC008 2004-CC009 2004-CC010 2004-CC012 In response to the community concerns, Built issued additional Community Notice (2004-CN010).	Y

2004-CN010	6/04/2020	ALL	BM	EMAIL / LETTER	Community Response to Extended Construction Hours: Notice issued to surrounding residents, businesses, and organisations advising that in response to community responses received related to 2004-CN009, Built will be extending working hours on Saturday's only in the short term and that any changes will be communicated in advance.	Additional responses were received, however, all were still in relation to extended working hours. Built has continued to implement the revised extended working hours on Saturday's and COVID-19 prevention measures onsite in accordance with Government advice.	Y
2004-CN011	22/04/2020	ALL	BM	EMAIL / LETTER	Construction Progress Update 02: - Noted establishment of Church Street Hoarding. - Advised of structural demolition progress - Advised of commencing piling / retention works in SW corner of the site on 27/04/2020. - Advised of piling method (CFA) to minimise noise and vibration. - Advised of planned Water Main Upgrade works commencing in late May 2020.	NIL	Y
2005-CN012	15/05/2020	HNE	BM	EMAIL	Notice to HNE James Fletcher Hospital regarding commencement of Temporary Ground Anchor Works to new retaining wall as discussed onsite with HNE, dwp, and Built in March 2020 (REF 2003-CN009) and per the design approved by NSW Public Works (reference email received from N. Halpin on 26/03/2020)	HNE response on 18/05/2020 ensuring HNE Engineering is aware of what is occurring on their property. Built (BM) contacted HNE for phone discussion to clarify and followed up with email on 18/05/2020. No outstanding issues.	Y
2006-CN013	4/06/2020	HWC	BM	MEETING	Pre-Commencement Meeting held onsite at Nihon University with Hunter Water, dwp Australia, Metiri Consultants, Built, and Murphy Plumbing to discuss the upcoming watermain upgrade works.	Hunter Water & Metiri Consultants advised of pre-commencement documentation to be submitted prior to commencing works. All actions closed and approval received.	Y
2006-CN014	5/06/2020	NPS	BM	MEETING/EMAIL	Site Meeting held with Newcastle Police Station to advise of and discuss upcoming road / lane closures on Church Street during Hunter Water works and erection of Tower Crane. Post-meeting, Built submitted the TMPs to NPS for information and comment if required.	No additional feedback / comments received. No further action.	Y
2006-CN015	5/06/2020	ALL	BM	EMAIL	Additional Community Notice issued to residents and businesses advising of Hunter Water Upgrade & Crane Erection works commencing.	Received one query from a resident requesting additional information. Received query from HNE James Fletcher Hospital clarifying if their driveway access would be affected. Built issued a Staging Plan and additional information on the works. No further comments received. No further action.	Y
2006-CN016	24/06/2020	HNE	BM	MEETING	Site Meeting and inspection held with Hunter New England Health, dwp Australia, Built, and Murphy Plumbing to discuss upcoming Sewer Main Upgrade requiring access to HNE property.	HNE granted access permission and requested additional notice prior to commencing works.	Y
2007-CN017	28/07/2020	ALL	BM	EMAIL	Construction Progress Update 03 - General update on progress and upcoming works including concrete pours (and related lane closures) and the 21 day notice for water main connection works.	NIL	Y
2007-CN018	29/07/2020	HNE	AM	EMAIL	Email correspondence with HNE regarding upcoming water main connection and potential disruptions to HNE James Fletcher Hospital.	Ongoing coordination with HNE contacts to ensure water connection does not cause disruption to normal operations. No disruptions to HNE operations & no further issues.	Y

2009-CN019	3/09/2020	HNE	BM	EMAIL	Provided HNE with an As-Built documentation package for retention works completed on the adjoining heritage retaining wall along the southern boundary of Nihon University and HNE James Fletcher Hospital.	No additional feedback / comments received. No further action.	Y
2009-CN020	23/09/2020	ALL	BM	EMAIL	Construction progress update and advising of upcoming works including additional Hunter Water infrastructure works and road restoration on Church Street.	Response received regarding ongoing implementation of DPIE Extended Working Hours Order 2020. Built confirmed extended hours are still ongoing in accordance with the Order and that any changes will be communicated to the community.	Y
2010-CN021	27/10/2020	HNE	BM	EMAIL	Notice provided that a section of the chain link fence along the western boundary has been relocated further west to accommodate scaffold. Advised that fencing and scaffold is still within Nihon site boundary. Marked up plan was also attached for information.	Response received thanking for the notice. Nil actions.	Y
2011-CN022	18/11/2020	ALL	BM	EMAIL	Notice provided to community regarding scheduled road restoration works on Church Street as part of the Hunter Water Upgrade Works package.	Response received from resident regarding driveway access. Built advised access limited for a single day. No further issues. Newcastle Police contacted Built PM after works completed advising that no issues were rasied during the works.	Y

Appendix C – Audit Records

Noise Level Spot Check Report **Date:** 04/11/20

Assessor Name and Position: Michael Louis/HSEC

People Present: Michael Louis

Equipment Used: QM 1598 **Calibration Date: 22/10/20**

Area/location of noise monitoring: Location 1 – 20 Church Street, Location 2 – Corner Church and Bolton St.



Sources of noise (including background noise):

Location 1 – Concrete pour Building C, Deliveries

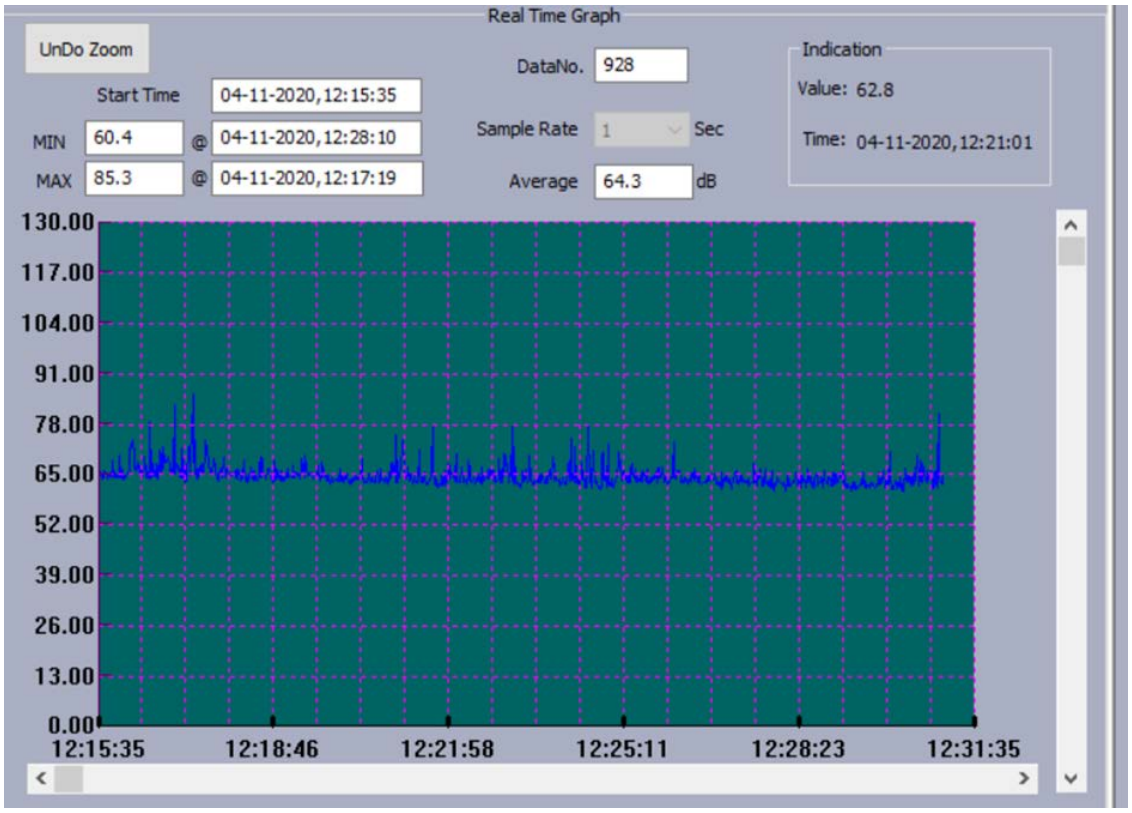
Location 2 – Structure trades working

Sensitive Receivers (prior complaints and reports): 38 Church Street is a source of previous complaints. corner of Church and Bolton close to other sensitive receivers.

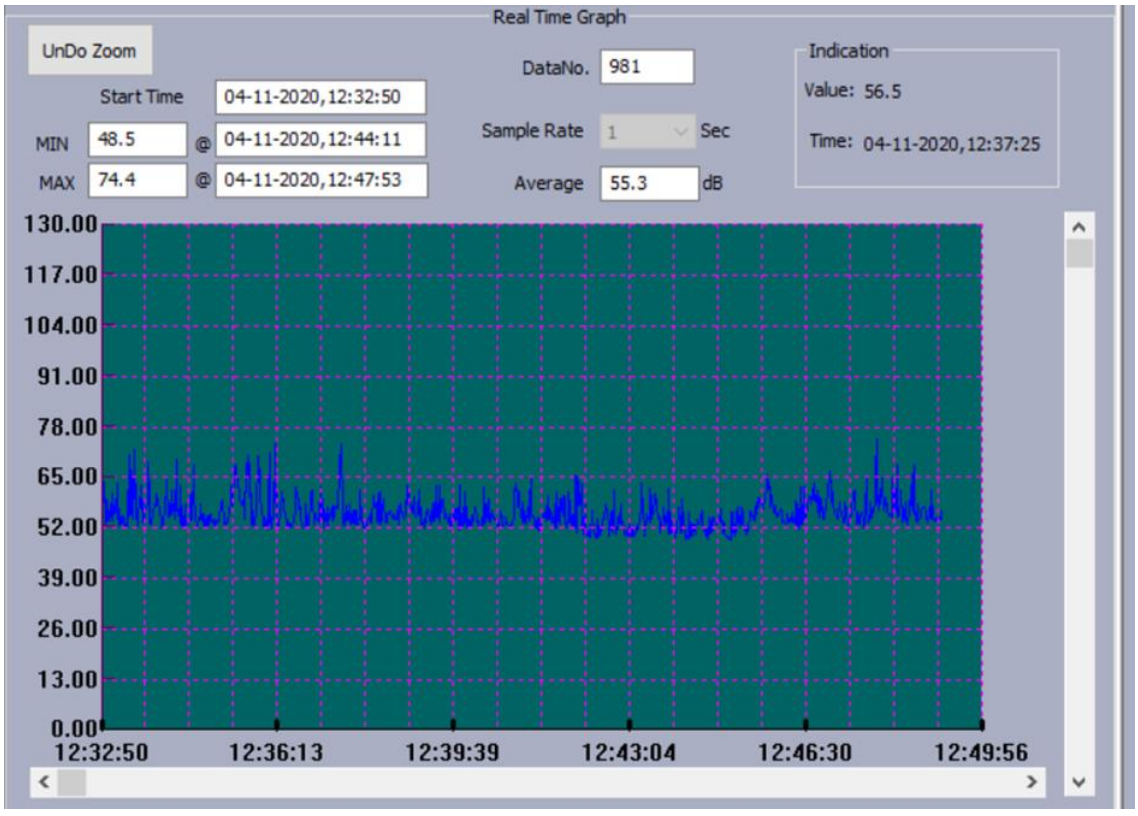
Is this monitoring being conducted as a result of a complaint? If yes, provide brief details: No

Results:

Location 1



Location 2



Noise Assessment Report Summary:

Average readings are within required criteria limits for construction related noise.

(Attach Photos of Monitoring Locations)

Location 1

Location 2



BASELINE CONSTRUCTION NOISE DATA & CRITERIA

Table 4 Attended noise monitoring summary

Location	Date	Start Time	Period[1]	L_{Aeq}	L_{A90} (RBL)	L_{Amax}	Comments
L1 Corner of Bolton & Church Streets	17/4/19	11:52	Day (7am – 6pm)	58	49	80	Urban hum (nearby fans, pumps, etc.) and distant traffic noise consistent. Car passbys frequent. Bird noise, aircraft noise, pedestrian noise and wind in trees occasionally.
	17/4/19	21:45	Evening (6pm – 10pm)	56	45	75	Urban hum (nearby fans, pumps, etc.) and insects consistent. Distant traffic, car passbys and nearby hotel noise frequent. Resident noise, pedestrian noise and dog barking occasionally.
	17/4/19	22:15	Night (10pm – 7am)	55	45	71	Urban hum (nearby fans, pumps, etc.) and insects consistent. Distant traffic and car passbys frequent. Pedestrian noise occasionally.

Table 5 Noise management levels for residential land use

Time of day	NML, $L_{Aeq\ 15min}$	Notes
Recommended Standard Hours: Monday to Friday 7:00am to 6:00pm Saturday 8:00am to 1:00pm No work on Sundays or public holidays	Noise affected: RBL + 10 dB(A)	May be some community reaction to noise. • Where the predicted or measured construction noise level exceeds the noise affected level, all feasible and reasonable work practices should be applied to meet the noise affected level. • All residents potentially impacted by the works should be informed of the nature of the works, the expected noise levels, and duration, and provided with site contact details.
	Highly noise affected: 75 dB(A)	May be a strong community reaction to noise. • Where construction noise is predicted or measured to be above this level, the relevant authority may require respite periods that restrict the hours that the very noisy activities can occur. • Respite activities would be determined considering times identified by the community when they are less sensitive to noise, and if the community is prepared to accept a longer period of construction to accommodate respite periods.
Outside recommended Standard Hours	Noise affected: RBL - 10 dB(A)	• A strong justification would typically be required for works outside the recommended standard hours. • The proponent should apply all feasible and reasonable work practices to meet the affected noise level. • Where all feasible and reasonable practices have been applied and noise is more than RBL - 10 dB(A) above the affected noise level, the proponent should negotiate with the affected community.

Table 12 Construction noise source power levels

Equipment	Quantity (worst case per 15-min period)	Sound power level per item, $L_{Aeq,\ 15\ minute}$ (dB)[1]
Demolition, earthworks & piling		
Piling rig	1	116
Excavator including rock-hammer	1	120
Excavator	2	105
Compactor	1	106
Dozer	1	108
Roller (up to 20T)	1	107
Truck & Dog	2	104
Structural works		
Concrete trucks	3	108
Concrete pump	1	110
Crane	1	99
Delivery truck	1	106
Power tools	4	105
Hand tools	Numerous	102
Internal fit-out and civil works		
Concrete trucks	3	108
Crane	1	99
Delivery truck	1	106
Hand tools	Numerous	102
Generator	1	99

Table 13 Construction noise predictions

Representative Receiver	Distance	Indicative predicted noise level $L_{Aeq,\ 15\ minute}$	Construction noise goal $L_{Aeq,\ 15\ minute}$
Nearest residences (to north)	20-105m	Demolition and earthworks 74-88 dB Structural works 66-81 dB Internal fit-out and civil works 66-80 dB	Noise affected: 59 dB (Recommended standard hours) Highly noise affected: 75 dB
Commercial / Offices	5-105m	Demolition and earthworks 74-100 dB Structural works 66-93 dB Internal fit-out and civil works 66-92 dB	70 dB (when in use)
Hospitals	5-105m	Demolition and earthworks 74-100 dB Structural works 66-93 dB Internal fit-out and civil works 66-92 dB	55 dB (when in use)

Site Inspection

Details

Form id	164844
Created at	05/11/2020 by Michael Louis
Completed at	05/11/2020
Last modified	06/11/2020 13:10:13 by Michael Louis
Status	Complete
Respondent	Michael Louis
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	BUILT PTY LIMITED
Type of Site Inspection	Consultative Process Inspection

Built Attendance

Include the person who is logged in as well.

Name
Michael Louis
Leif Aleksic
Mathew Mitchell

Others in attendance

Subcontractor Name	Persons Name
GERRARD MURPHY (DRAINAGE) PTY LTD	Dan
MAILEC ELECTRICAL PTY. LIMITED	Anthony
DB SCAFFOLDING & RIGGING AUSTRALIA PTY LTD	H
JA CROCKETT PTY LTD	Shane
CDMT REO PTY LTD	Kenny

Areas or Locations Inspected *Identify the area/s reviewed during the inspection. The may include; whole of project, certain levels or certain locations.*	Building A and C
Summary of inspection *This may include; common checks, activities or items reviewed, good practices observed or general commentary of the inspection.* *Note; all actions need to be registered in the "Actions" area at the bottom of this page.*	inspection of top decks, and each level

High Potential Hazard Reporting

Site Inspection

High Potential Classification ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	**Trade/Process** ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	**Comments** ***Describe the situation that is classified as High Potential***
Fall > 2m	oakdale	gap between scaffold and table to be closed on level 5 building c

Additional

Photos

Attachments

- *No file attachments*

Actions Summary

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
41434	Benjamin	Bates	05/11/2020	06/11/2020	Access to building A level 2 stretcher stair blocked. access to be cleared by pinnacle	Closed	
41435	Benjamin	Bates	05/11/2020	06/11/2020	Step required to Building A level 3 access to deck.	Closed	
41436	Benjamin	Bates	05/11/2020	06/11/2020	Bubbler required for Building A level 3	Closed	
41437	Robbie	Clydesdale	05/11/2020	10/11/2020	Access to building C level 5 to be fixed, step required onto slab off scaffold.	Closed	
41438	Robbie	Clydesdale	05/11/2020	06/11/2020	Level 5 building c Gap between slab and scaffold to be fixed	Closed	
41439	Robbie	Clydesdale	05/11/2020	06/11/2020	Level 5 building c, formworkers to stack and strap stripped materials.	Closed	
41440	Robbie	Clydesdale	05/11/2020	06/11/2020	Building C level 3 clean up or material left behind from stripping	Closed	
41441	Robbie	Clydesdale	05/11/2020	06/11/2020	Mesh to scaffold stair building c level 5	Closed	

Site Inspection

Actions

ID: 41434 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Benjamin Bates **Date closed:** 2020-11-06
Action description: Access to building A level 2 stretcher stair blocked. access to be cleared by pinnacle

Attachments
- *No file attachments*

ID: 41435 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Benjamin Bates **Date closed:** 2020-11-06
Action description: Step required to Building A level 3 access to deck.

Attachments
- *No file attachments*

ID: 41436 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Benjamin Bates **Date closed:** 2020-11-06
Action description: Bubbler required for Building A level 3

Attachments
- *No file attachments*

ID: 41437 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Robbie Clydesdale **Date closed:** 2020-11-10
Action description: Access to building C level 5 to be fixed, step required onto slab off scaffold.

Attachments
- *No file attachments*

ID: 41438 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Robbie Clydesdale **Date closed:** 2020-11-06
Action description: Level 5 building c Gap between slab and scaffold to be fixed

Attachments
- *No file attachments*

ID: 41439 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Robbie Clydesdale **Date closed:** 2020-11-06
Action description: Level 5 building c, formworkers to stack and strap stripped materials.

Attachments
- *No file attachments*

ID: 41440 **Due date:** 2020-11-05 **Status:** Closed
Actionee: Robbie Clydesdale **Date closed:** 2020-11-06

Site Inspection

Action description: Building C level 3 clean up or material left behind from stripping

Attachments

- *No file attachments*

ID: 41441

Due date: 2020-11-05

Status: Closed

Actionee: Robbie Clydesdale

Date closed: 2020-11-06

Action description: Mesh to scaffold stair building c level 5

Attachments

- *No file attachments*

Noise Level Spot Check Report **Date:** 11/11/20

Assessor Name and Position: Michael Louis/HSEC

People Present: Michael Louis

Equipment Used: QM 1598 **Calibration Date: 22/10/20**

Area/location of noise monitoring: Location 1 – 20 Church Street, Location 2 – Corner Church and Bolton St.



Sources of noise (including background noise):

Location 1 – Deliveries, Cutting Track, Grinders, General construction

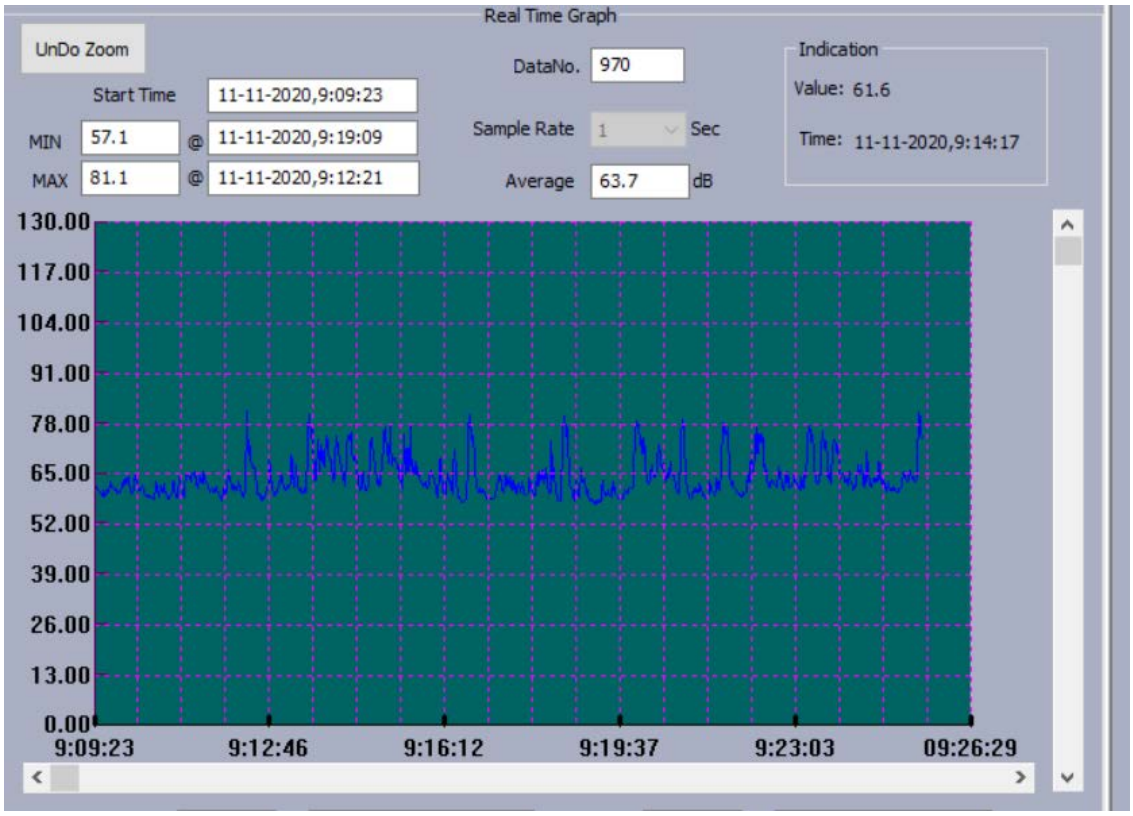
Location 2 – Mobile boom pump set up on church street pouring block walls

Sensitive Receivers (prior complaints and reports): 38 Church Street is a source of previous complaints. Corner of Church and Bolton close to other sensitive receivers.

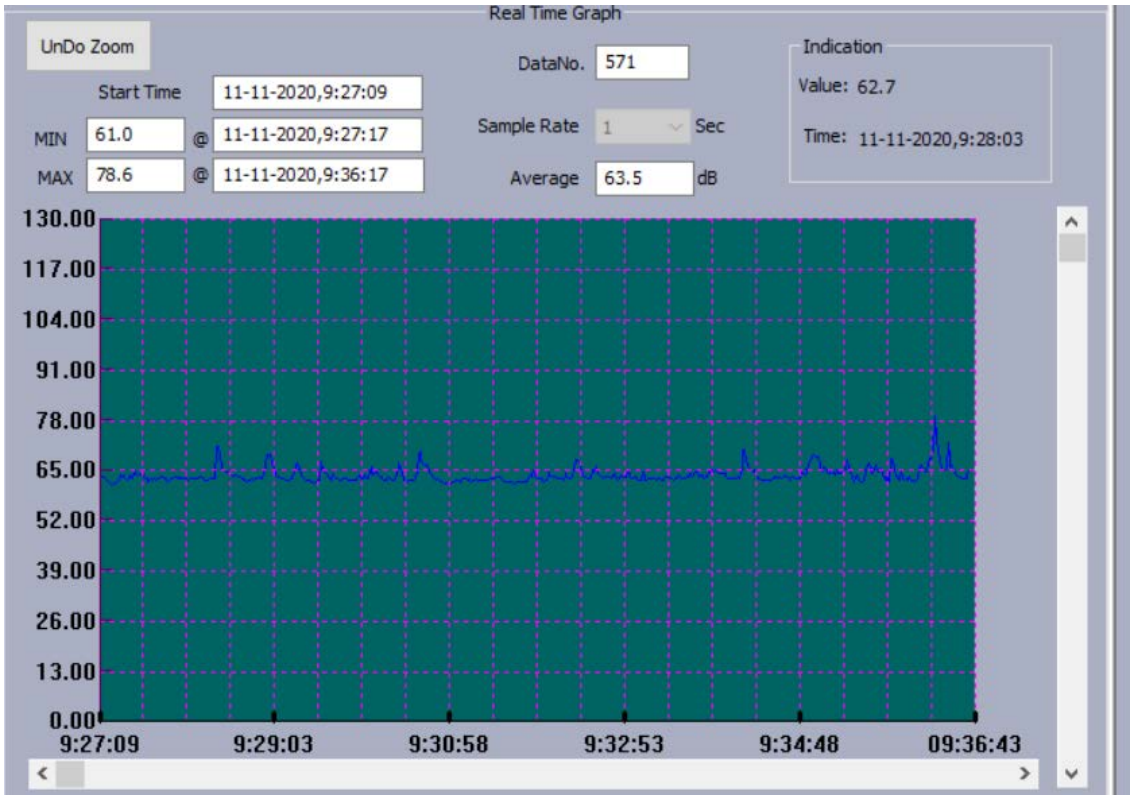
Is this monitoring being conducted as a result of a complaint? If yes, provide brief details: No

Results:

Location 1



Location 2



Noise Assessment Report Summary:

Average readings are within required criteria limits for construction related noise.

(Attach Photos of Monitoring Locations)

Location 1



Location 2



BASELINE CONSTRUCTION NOISE DATA & CRITERIA

Table 4 Attended noise monitoring summary

Location	Date	Start Time	Period[1]	L_{Aeq}	L_{A90} (RBL)	L_{Amax}	Comments
L1 Corner of Bolton & Church Streets	17/4/19	11:52	Day (7am – 6pm)	58	49	80	Urban hum (nearby fans, pumps, etc.) and distant traffic noise consistent. Car passbys frequent. Bird noise, aircraft noise, pedestrian noise and wind in trees occasionally.
	17/4/19	21:45	Evening (6pm – 10pm)	56	45	75	Urban hum (nearby fans, pumps, etc.) and insects consistent. Distant traffic, car passbys and nearby hotel noise frequent. Resident noise, pedestrian noise and dog barking occasionally.
	17/4/19	22:15	Night (10pm – 7am)	55	45	71	Urban hum (nearby fans, pumps, etc.) and insects consistent. Distant traffic and car passbys frequent. Pedestrian noise occasionally.

Table 5 Noise management levels for residential land use

Time of day	NML, $L_{Aeq\ 15min}$	Notes
Recommended Standard Hours: Monday to Friday 7:00am to 6:00pm Saturday 8:00am to 1:00pm No work on Sundays or public holidays	Noise affected: RBL + 10 dB(A)	May be some community reaction to noise. • Where the predicted or measured construction noise level exceeds the noise affected level, all feasible and reasonable work practices should be applied to meet the noise affected level. • All residents potentially impacted by the works should be informed of the nature of the works, the expected noise levels, and duration, and provided with site contact details.
	Highly noise affected: 75 dB(A)	May be a strong community reaction to noise. • Where construction noise is predicted or measured to be above this level, the relevant authority may require respite periods that restrict the hours that the very noisy activities can occur. • Respite activities would be determined considering times identified by the community when they are less sensitive to noise, and if the community is prepared to accept a longer period of construction to accommodate respite periods.
Outside recommended Standard Hours	Noise affected: RBL - 10 dB(A)	• A strong justification would typically be required for works outside the recommended standard hours. • The proponent should apply all feasible and reasonable work practices to meet the affected noise level. • Where all feasible and reasonable practices have been applied and noise is more than RBL - 10 dB(A) above the affected noise level, the proponent should negotiate with the affected community.

Table 12 Construction noise source power levels

Equipment	Quantity (worst case per 15-min period)	Sound power level per item, $L_{Aeq,\ 15\ minute}$ (dB)[1]
Demolition, earthworks & piling		
Piling rig	1	116
Excavator including rock-hammer	1	120
Excavator	2	105
Compactor	1	106
Dozer	1	108
Roller (up to 20T)	1	107
Truck & Dog	2	104
Structural works		
Concrete trucks	3	108
Concrete pump	1	110
Crane	1	99
Delivery truck	1	106
Power tools	4	105
Hand tools	Numerous	102
Internal fit-out and civil works		
Concrete trucks	3	108
Crane	1	99
Delivery truck	1	106
Hand tools	Numerous	102
Generator	1	99

Table 13 Construction noise predictions

Representative Receiver	Distance	Indicative predicted noise level $L_{Aeq,\ 15\ minute}$	Construction noise goal $L_{Aeq,\ 15\ minute}$
Nearest residences (to north)	20-105m	Demolition and earthworks 74-88 dB Structural works 66-81 dB Internal fit-out and civil works 66-80 dB	Noise affected: 59 dB (Recommended standard hours) Highly noise affected: 75 dB
Commercial / Offices	5-105m	Demolition and earthworks 74-100 dB Structural works 66-93 dB Internal fit-out and civil works 66-92 dB	70 dB (when in use)
Hospitals	5-105m	Demolition and earthworks 74-100 dB Structural works 66-93 dB Internal fit-out and civil works 66-92 dB	55 dB (when in use)

Site Inspection

Details

Form id	166208
Created at	11/11/2020 by Benjamin Moss
Completed at	11/11/2020
Last modified	11/11/2020 12:57:14 by Benjamin Moss
Status	Complete
Respondent	Benjamin Moss
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	
Type of Site Inspection	Supervisor Inspection

Built Attendance

Include the person who is logged in as well.

Name
Benjamin Moss

Others in attendance

Subcontractor Name	Persons Name

Areas or Locations Inspected *Identify the area/s reviewed during the inspection. The may include; whole of project, certain levels or certain locations.*	Church Street (Workzone, Footpaths, Hoarding) & BLD C
Summary of inspection *This may include; common checks, activities or items reviewed, good practices observed or general commentary of the inspection.* *Note; all actions need to be registered in the "Actions" area at the bottom of this page.*	- Workzone & footpaths clear. - Traffic control personnel & signage in place. - Traffic control inspections completed. - Hoarding is in good condition with project signage in place. - Sediment control in place. - Driver Code of Conduct forms completed. - Plant inducted and logbook completed. - Adequate skip bins located within work areas. - Scaffold tags current. - Safety stations/fire extinguishers/nurse calls in place. - Materials on Level 4 stored neatly and tied securely in bundles. - Scaffold screens in place and tied. - Stair & Lift Core penetrations to be checked. Barricades to be erected where required to prevent access. - Housekeeping good in all areas with materials stored neatly.

High Potential Hazard Reporting

High Potential Classification ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	**Trade/Process** ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	**Comments** ***Describe the situation that is classified as High Potential***

Site Inspection

Additional

Photos



Site Inspection



Site Inspection



Site Inspection



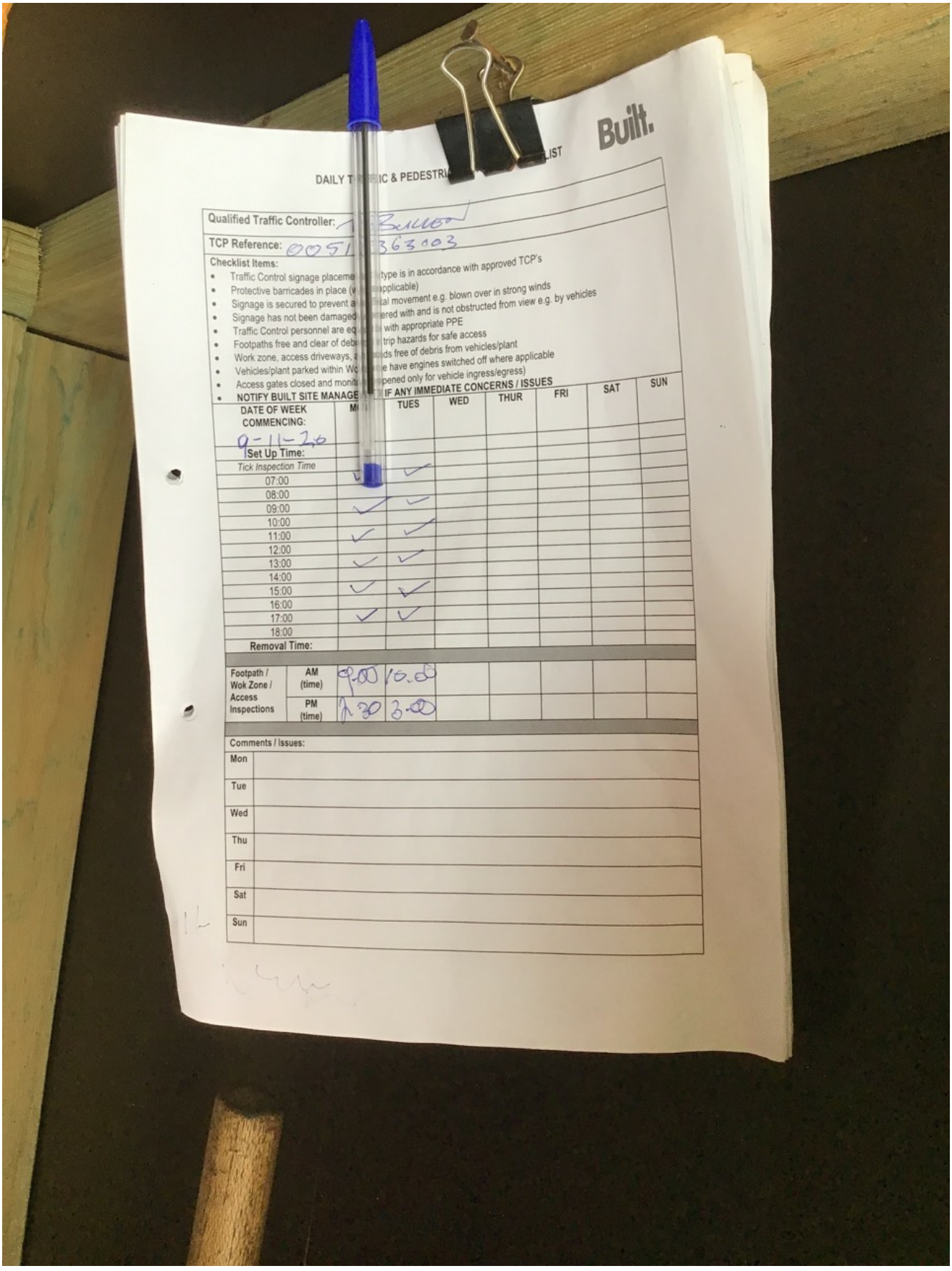
Site Inspection



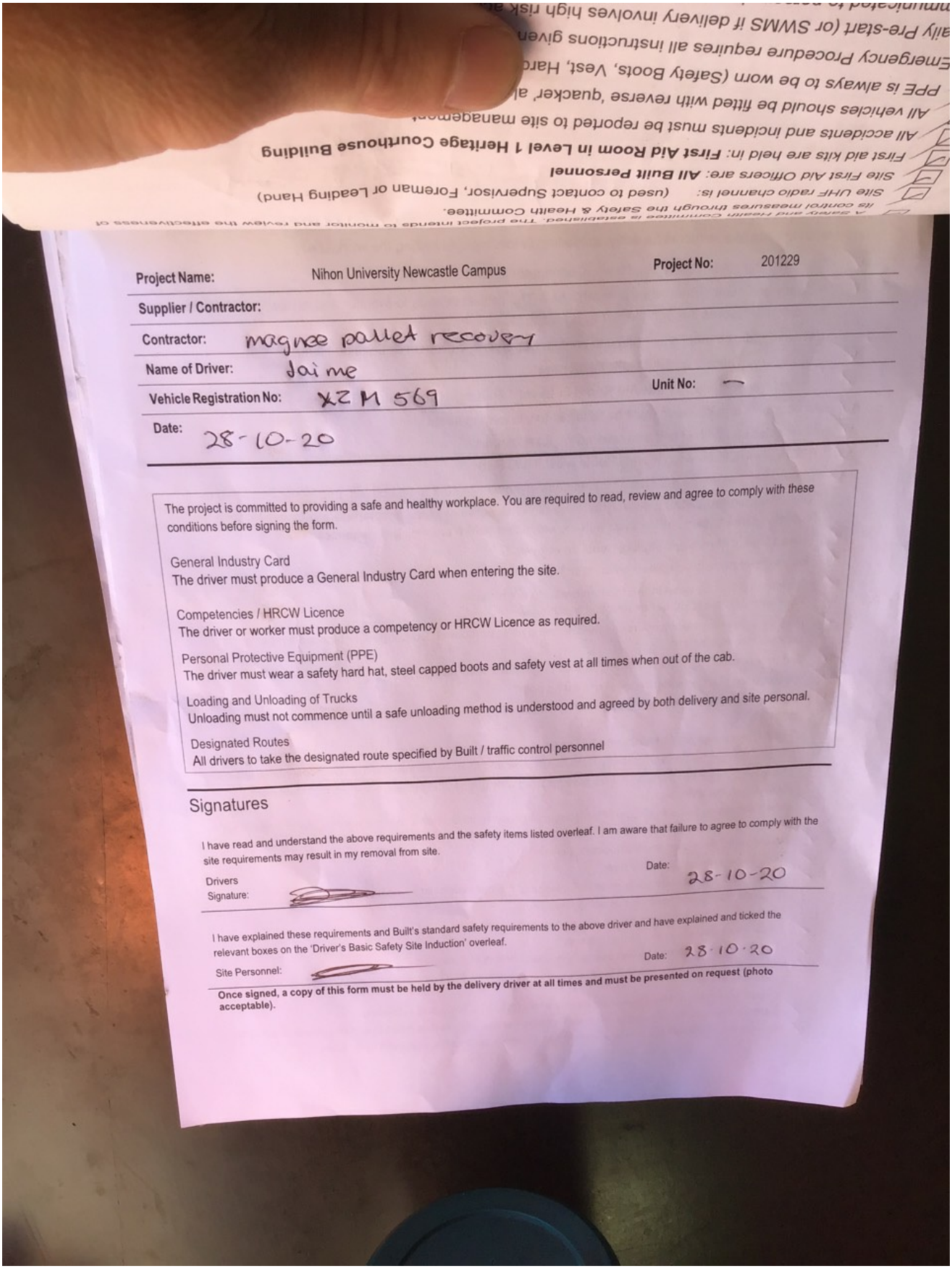
Site Inspection



Site Inspection



Site Inspection



Project Name: Nihon University Newcastle Campus Project No: 201229

Supplier / Contractor:

Contractor: magnee pallet recovery

Name of Driver: Jaime

Vehicle Registration No: XZM 569 Unit No: —

Date: 28-10-20

The project is committed to providing a safe and healthy workplace. You are required to read, review and agree to comply with these conditions before signing the form.

General Industry Card
The driver must produce a General Industry Card when entering the site.

Competencies / HRCW Licence
The driver or worker must produce a competency or HRCW Licence as required.

Personal Protective Equipment (PPE)
The driver must wear a safety hard hat, steel capped boots and safety vest at all times when out of the cab.

Loading and Unloading of Trucks
Unloading must not commence until a safe unloading method is understood and agreed by both delivery and site personal.

Designated Routes
All drivers to take the designated route specified by Built / traffic control personnel

Signatures

I have read and understand the above requirements and the safety items listed overleaf. I am aware that failure to agree to comply with the site requirements may result in my removal from site.

Drivers Signature: Date: 28-10-20

I have explained these requirements and Built's standard safety requirements to the above driver and have explained and ticked the relevant boxes on the 'Driver's Basic Safety Site Induction' overleaf.

Site Personnel: Date: 28-10-20

Once signed, a copy of this form must be held by the delivery driver at all times and must be presented on request (photo acceptable).

Site Inspection



Site Inspection



Site Inspection



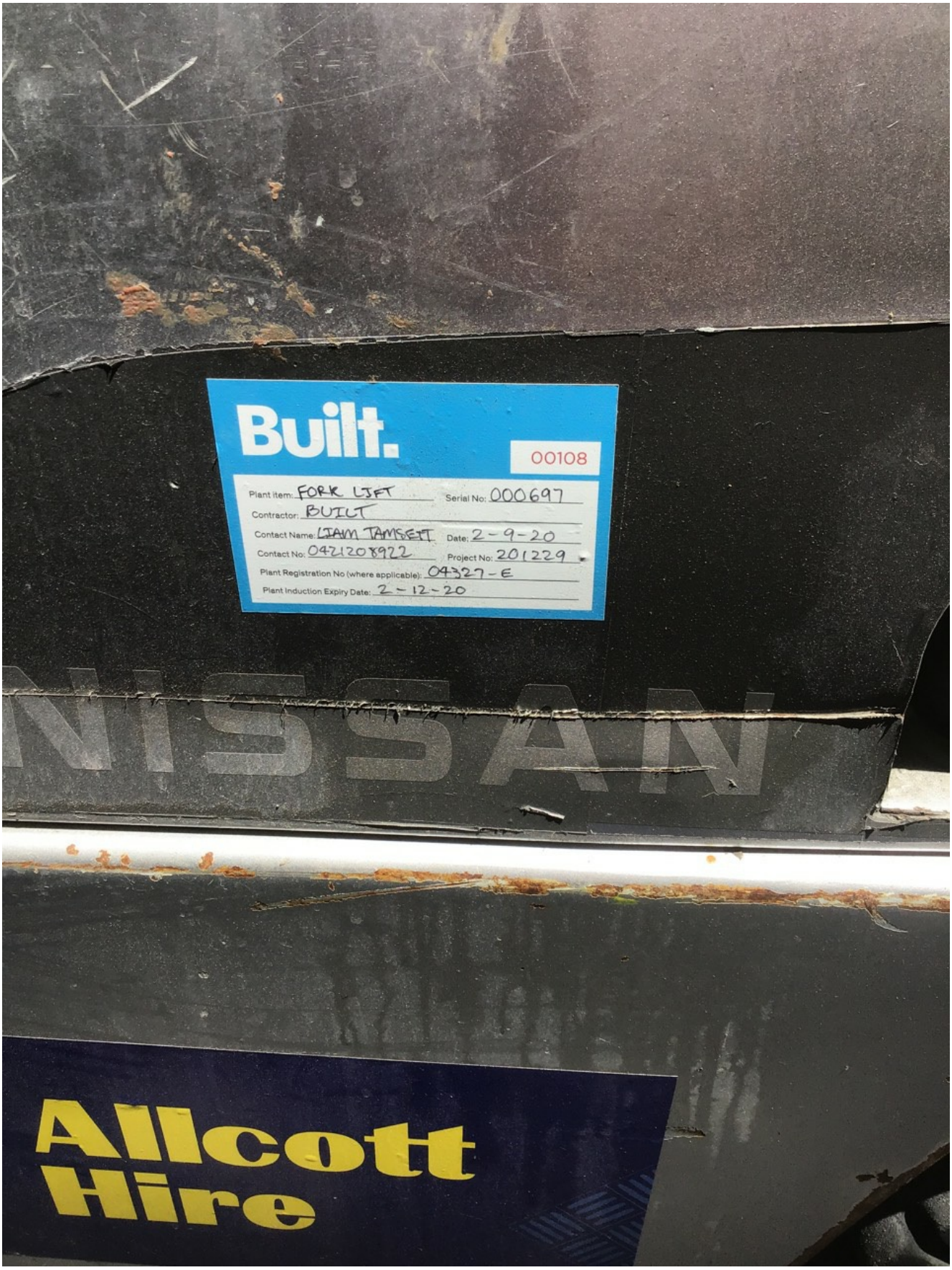
Site Inspection



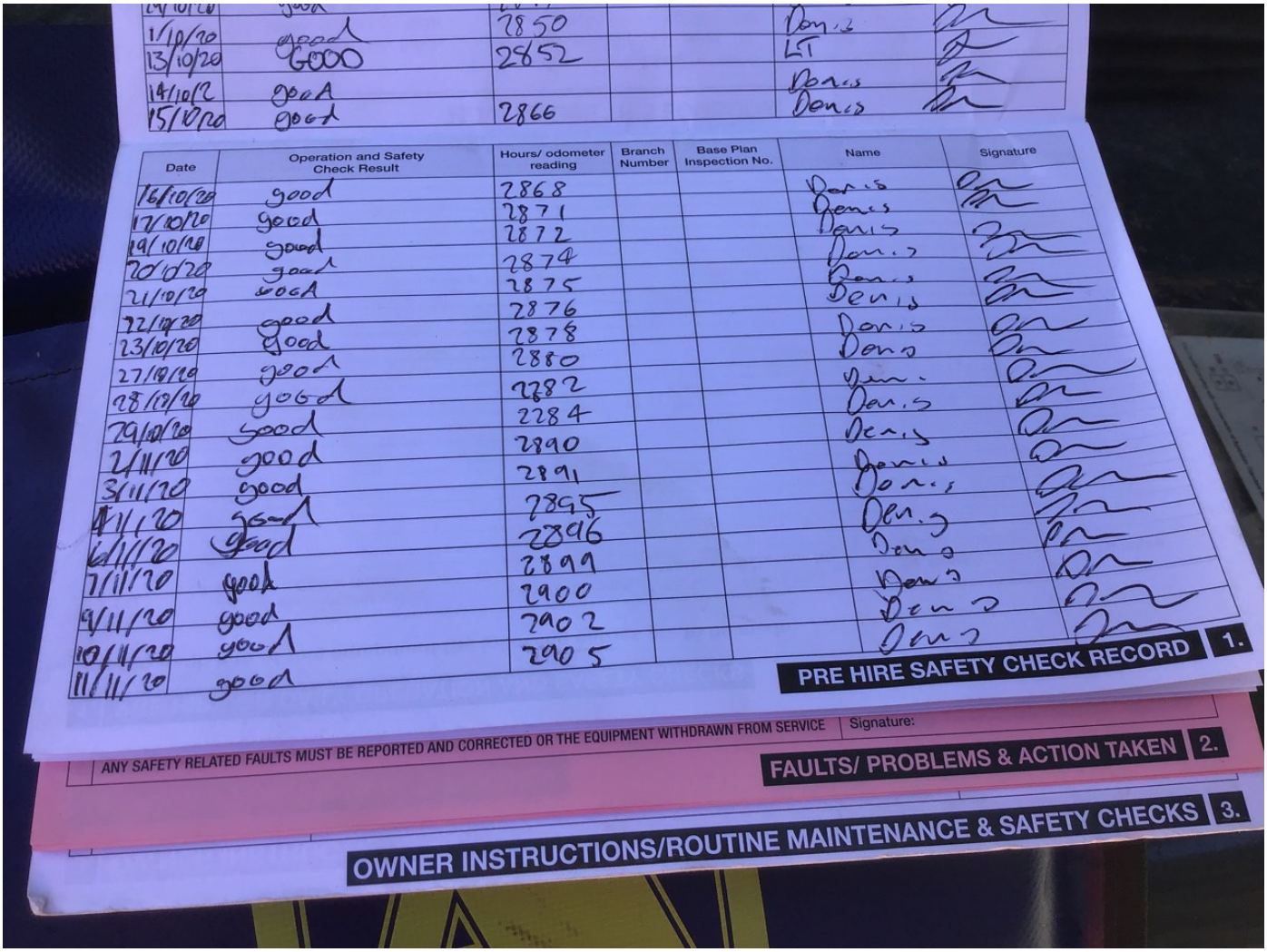
Site Inspection



Site Inspection



Site Inspection



Date	Operation and Safety Check Result	Hours/ odometer reading	Branch Number	Base Plan Inspection No.	Name	Signature
1/10/20	good	7850			Denis	
13/10/20	Good	2852			LT	
14/10/20	good				Denis	
15/10/20	good	2866			Denis	
16/10/20	good	2868			Denis	
17/10/20	good	2871			Denis	
19/10/20	good	2872			Denis	
20/10/20	good	2874			Denis	
21/10/20	good	2875			Denis	
22/10/20	good	2876			Denis	
23/10/20	Good	2878			Denis	
27/10/20	good	2880			Denis	
28/10/20	good	2882			Denis	
29/10/20	good	2284			Denis	
2/11/20	good	2890			Denis	
3/11/20	good	2891			Denis	
4/11/20	good	2895			Denis	
6/11/20	Good	2896			Denis	
7/11/20	good	2899			Denis	
9/11/20	good	2900			Denis	
10/11/20	good	2902			Denis	
11/11/20	good	2905			Denis	

PRE HIRE SAFETY CHECK RECORD 1.

ANY SAFETY RELATED FAULTS MUST BE REPORTED AND CORRECTED OR THE EQUIPMENT WITHDRAWN FROM SERVICE | Signature:

FAULTS/ PROBLEMS & ACTION TAKEN 2.

OWNER INSTRUCTIONS/ROUTINE MAINTENANCE & SAFETY CHECKS 3.

Site Inspection



Site Inspection



Site Inspection



Site Inspection



Site Inspection



Site Inspection



Attachments

- *No file attachments*

Actions Summary

Site Inspection

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
41755	Jay	Lodge-GerrardMurphy	11/11/2020	12/11/2020	Ensure workers implement correct measures to prevent falls from height during Level 3 siphonic install. Hoist gates to be closed and spotter in place at all times. Ensure appropriate distance from edge maintained.	Closed	
41756	Robbie	Clydesdale	12/11/2020	17/11/2020	Exclusion zone to be implemented to Stair & Lift cores. Ensure pennos in accordance with BSMS.	Closed	
41757	Benjamin	Bates	13/11/2020		Covered access between BLD B & A required.	Open	
41758	Robbie	Clydesdale	13/11/2020		Covered walkway between BLD B & C required.	Open	

Site Inspection

Actions

ID: 41755 **Due date:** 2020-11-11 **Status:** Closed

Actionee: Jay Lodge-GerrardMurphy **Date closed:** 2020-11-12

Action description: Ensure workers implement correct measures to prevent falls from height during Level 3 siphonic install. Hoist gates to be closed and spotter in place at all times. Ensure appropriate distance from edge maintained.



Attachments

- *No file attachments*

ID: 41756 **Due date:** 2020-11-12 **Status:** Closed

Actionee: Robbie Clydesdale **Date closed:** 2020-11-17

Action description: Exclusion zone to be implemented to Stair & Lift cores. Ensure pennos in accordance with BSMS.



Level 5 Stair C2

Attachments

- *No file attachments*

ID: 41757 **Due date:** 2020-11-13 **Status:** Open

Actionee: Benjamin Bates **Date closed:**

Action description: Covered access between BLD B & A required.

Attachments

- *No file attachments*

ID: 41758 **Due date:** 2020-11-13 **Status:** Open

Actionee: Robbie Clydesdale **Date closed:**

Action description: Covered walkway between BLD B & C required.

Attachments

- *No file attachments*

Site Inspection

Monitoring

Details

Form id	167408
Created at	17/11/2020 by Michael Louis
Completed at	17/11/2020
Last modified	26/11/2020 12:14:31 by Michael Louis
Status	Complete
Respondent	Michael Louis
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	DE MARTIN & GASPARINI PTY LIMITED
Monitoring Activity	SWMS Monitoring
Outline of activity being monitored	Concrete pour level 3 building A
Documents referenced during monitoring *This could include; SWMS, Permit, Traffic Management Plans, Methodology documents, Engineering advice, SOP/JSA.* *Where possible provide the exact name and version number of the document.*	SWMS
Summary of monitoring *Provide an outline of any positive observations or conversations, work practices being performed well, compliance with the documents reference or a brief outline.*	Traffic control in place, people and plant delineation in place, inspections complete, deck signage in place. Enviro Controls in place. (Edited 26/11/20 to add/update photo's)
Was work required to be stopped?	No

High Potential Hazard Reporting

High Potential ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	**Trade/process** ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	**Comments** ***Describe the situation that is classified as High Potential***

Built staff in attendance

Include the person who is logged in to the software in this section as well as the other attendees

Attendee name
Michael Louis
Benjamin Bates

Others in attendance

This could include workers involved in the activity, the subcontractor supervisor or others

Subcontractor name	**Persons name**

Monitoring

Additional

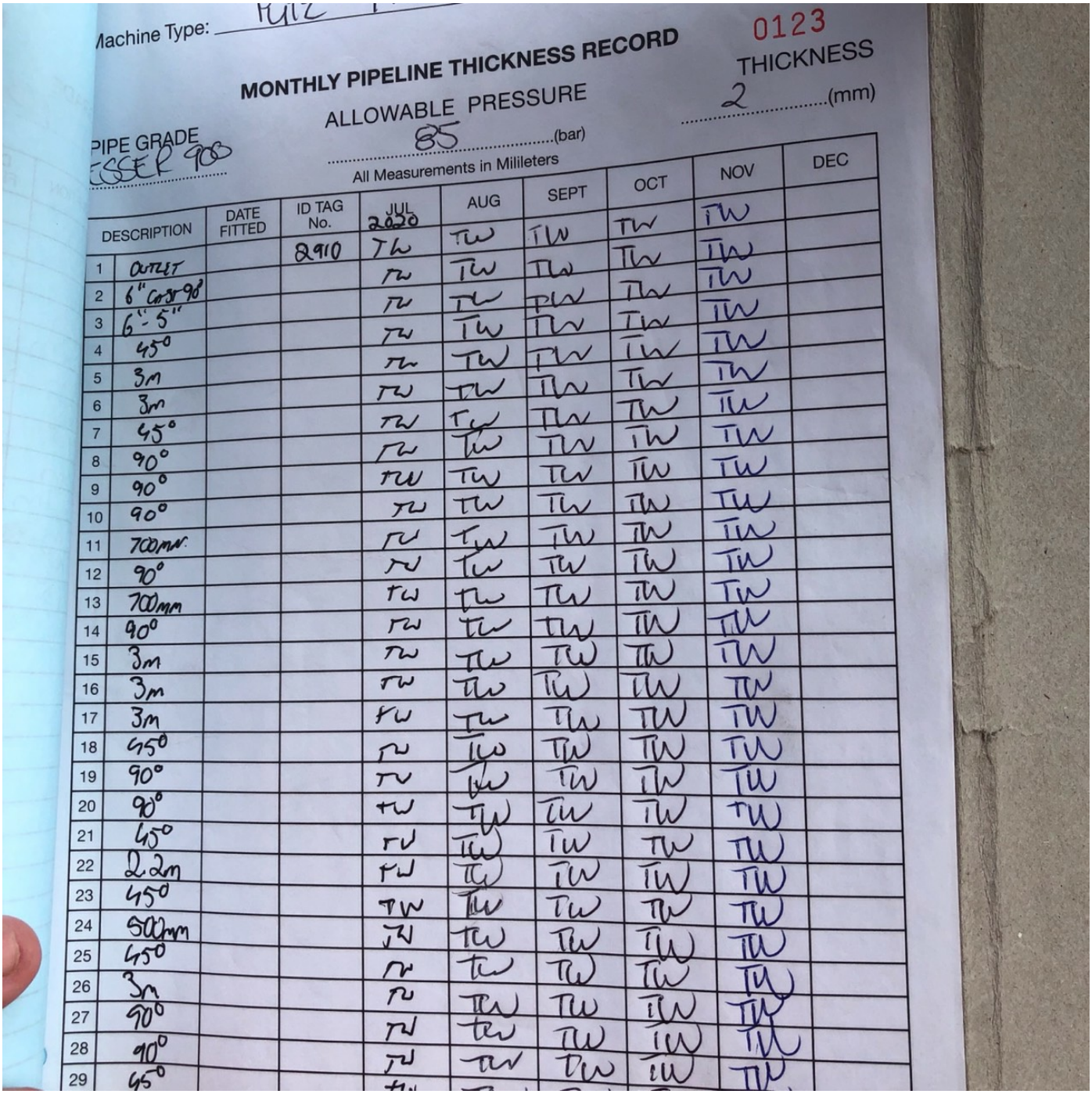
Photos



Monitoring



Monitoring



Machine Type: HDD

MONTHLY PIPELINE THICKNESS RECORD

0123

PIPE GRADE ESSER 90S

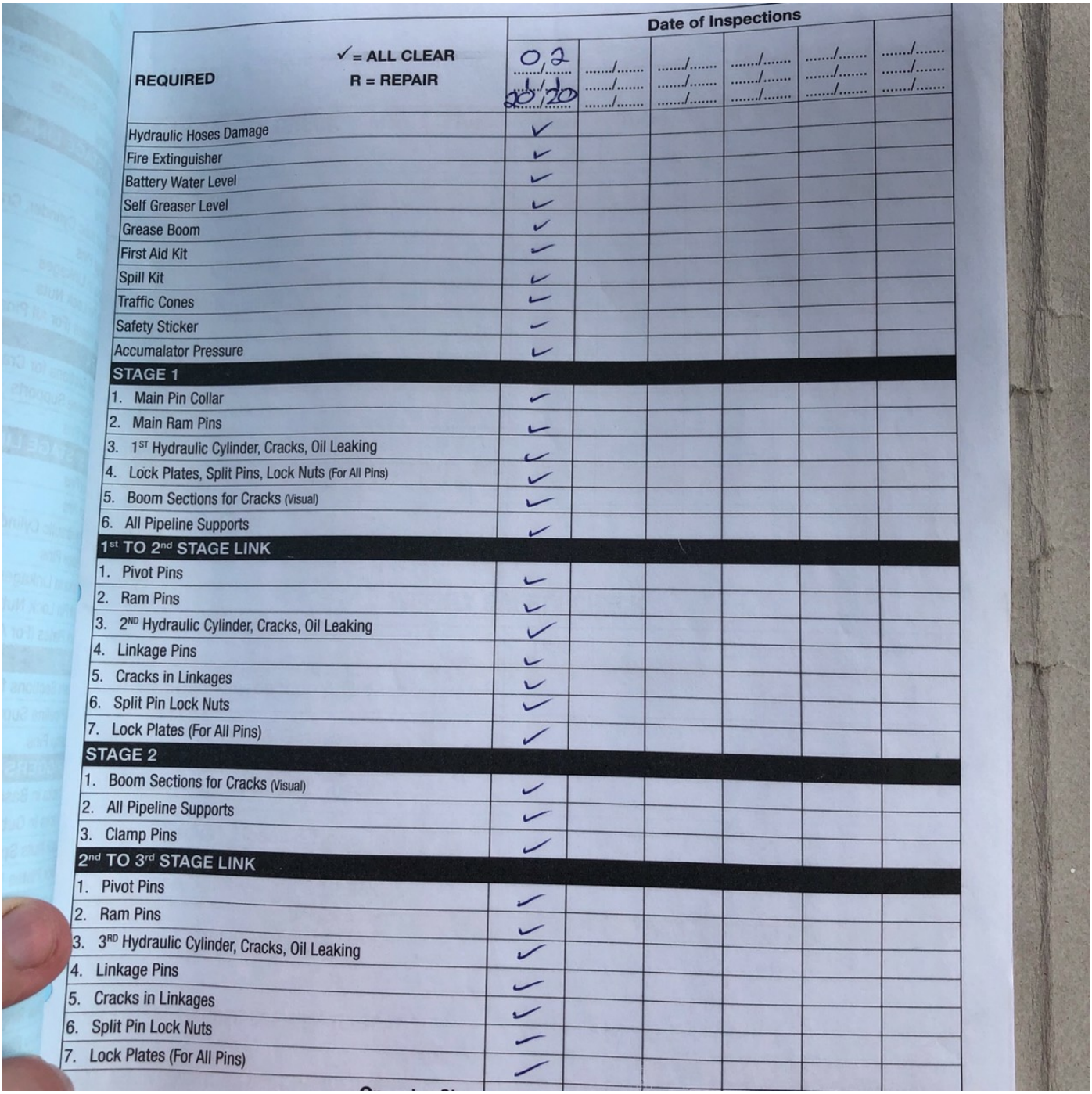
ALLOWABLE PRESSURE 85 (bar)

THICKNESS 2 (mm)

All Measurements in Milileters

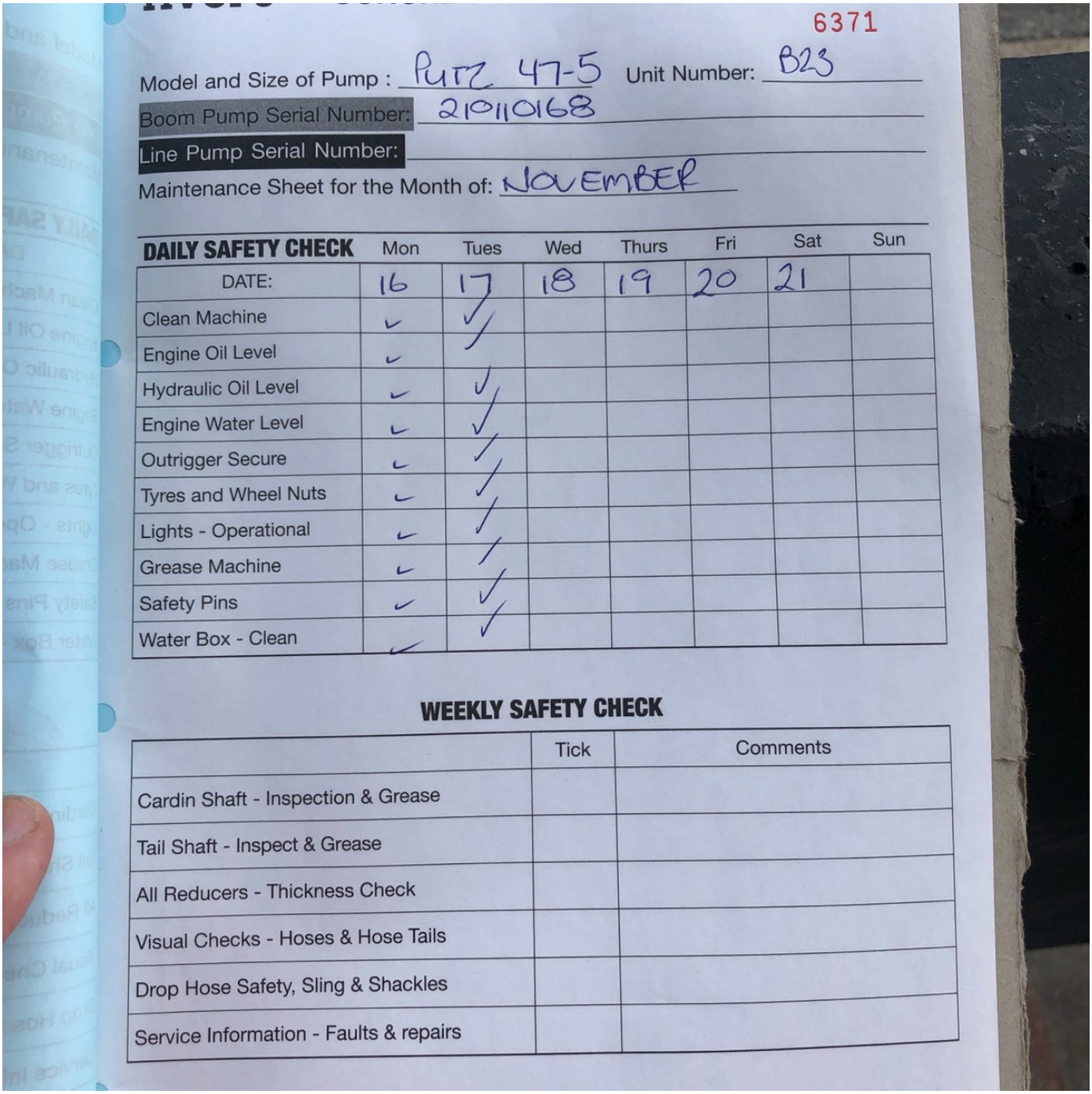
	DESCRIPTION	DATE FITTED	ID TAG No.	JUL 2020	AUG	SEPT	OCT	NOV	DEC
1	OUTLET		2910	TW	TW	TW	TW	TW	
2	6" CASE 90			TW	TW	TW	TW	TW	
3	6"-5"			TW	TW	TW	TW	TW	
4	45°			TW	TW	TW	TW	TW	
5	3m			TW	TW	TW	TW	TW	
6	3m			TW	TW	TW	TW	TW	
7	45°			TW	TW	TW	TW	TW	
8	90°			TW	TW	TW	TW	TW	
9	90°			TW	TW	TW	TW	TW	
10	90°			TW	TW	TW	TW	TW	
11	700mm			TW	TW	TW	TW	TW	
12	90°			TW	TW	TW	TW	TW	
13	700mm			TW	TW	TW	TW	TW	
14	90°			TW	TW	TW	TW	TW	
15	3m			TW	TW	TW	TW	TW	
16	3m			TW	TW	TW	TW	TW	
17	3m			TW	TW	TW	TW	TW	
18	45°			TW	TW	TW	TW	TW	
19	90°			TW	TW	TW	TW	TW	
20	90°			TW	TW	TW	TW	TW	
21	45°			TW	TW	TW	TW	TW	
22	2.2m			TW	TW	TW	TW	TW	
23	45°			TW	TW	TW	TW	TW	
24	500mm			TW	TW	TW	TW	TW	
25	45°			TW	TW	TW	TW	TW	
26	3m			TW	TW	TW	TW	TW	
27	90°			TW	TW	TW	TW	TW	
28	90°			TW	TW	TW	TW	TW	
29	45°			TW	TW	TW	TW	TW	

Monitoring



REQUIRED ✓ = ALL CLEAR R = REPAIR	Date of Inspections: 02/10/20	...../.....	...../.....	...../.....	...../.....	...../.....
Hydraulic Hoses Damage	✓					
Fire Extinguisher	✓					
Battery Water Level	✓					
Self Greaser Level	✓					
Grease Boom	✓					
First Aid Kit	✓					
Spill Kit	✓					
Traffic Cones	✓					
Safety Sticker	✓					
Accumalator Pressure	✓					
STAGE 1						
1. Main Pin Collar	✓					
2. Main Ram Pins	✓					
3. 1ST Hydraulic Cylinder, Cracks, Oil Leaking	✓					
4. Lock Plates, Split Pins, Lock Nuts (For All Pins)	✓					
5. Boom Sections for Cracks (Visual)	✓					
6. All Pipeline Supports	✓					
1st TO 2nd STAGE LINK						
1. Pivot Pins	✓					
2. Ram Pins	✓					
3. 2ND Hydraulic Cylinder, Cracks, Oil Leaking	✓					
4. Linkage Pins	✓					
5. Cracks in Linkages	✓					
6. Split Pin Lock Nuts	✓					
7. Lock Plates (For All Pins)	✓					
STAGE 2						
1. Boom Sections for Cracks (Visual)	✓					
2. All Pipeline Supports	✓					
3. Clamp Pins	✓					
2nd TO 3rd STAGE LINK						
1. Pivot Pins	✓					
2. Ram Pins	✓					
3. 3RD Hydraulic Cylinder, Cracks, Oil Leaking	✓					
4. Linkage Pins	✓					
5. Cracks in Linkages	✓					
6. Split Pin Lock Nuts	✓					
7. Lock Plates (For All Pins)	✓					

Monitoring



6371

Model and Size of Pump : PUTZ 47-5 Unit Number: B23

Boom Pump Serial Number: 21011068

Line Pump Serial Number:

Maintenance Sheet for the Month of: NOVEMBER

DAILY SAFETY CHECK	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
DATE:	16	17	18	19	20	21	
Clean Machine	✓	✓					
Engine Oil Level	✓	✓					
Hydraulic Oil Level	✓	✓					
Engine Water Level	✓	✓					
Outrigger Secure	✓	✓					
Tyres and Wheel Nuts	✓	✓					
Lights - Operational	✓	✓					
Grease Machine	✓	✓					
Safety Pins	✓	✓					
Water Box - Clean	✓	✓					

WEEKLY SAFETY CHECK

	Tick	Comments
Cardin Shaft - Inspection & Grease		
Tail Shaft - Inspect & Grease		
All Reducers - Thickness Check		
Visual Checks - Hoses & Hose Tails		
Drop Hose Safety, Sling & Shackles		
Service Information - Faults & repairs		

Attachments

- *No file attachments*

Actions Summary

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment

Actions

Site Inspection

Details

Form id	169862
Created at	27/11/2020 by Benjamin Moss
Completed at	27/11/2020
Last modified	27/11/2020 11:58:56 by Benjamin Moss
Status	Complete
Respondent	Benjamin Moss
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	
Type of Site Inspection	Supervisor Inspection
Built Attendance	

Include the person who is logged in as well.

Name
Benjamin Moss

Others in attendance

Subcontractor Name	Persons Name

Areas or Locations Inspected *Identify the area/s reviewed during the inspection. The may include; whole of project, certain levels or certain locations.*	Church Street Work Zone & Site Entry/Offices
Summary of inspection *This may include; common checks, activities or items reviewed, good practices observed or general commentary of the inspection.* *Note; all actions need to be registered in the "Actions" area at the bottom of this page.*	Inspection completed on 25/11/2020 - Concrete pump established on Church Street with appropriate controls in place & boom located over gantry. - Road Occupancy Permit in place and under supervision of traffic & pedestrian control personnel. - All traffic control signage in place. - Road restoration completed on Northern lane of Church Street as part of Hunter Water Upgrade works. Pedestrian crossings to be re-painted (see Actions). - Environmental control measures in place around the concrete pump with spill kit located on truck. - Sediment control to drain had been removed due to degradation. Weather clear & no rain forecast (to be replaced - see actions). - Footpaths & roads clean and clear. - Hoarding, gantry & access gates in good condition. No sign of damage and graffiti. - Project signage in place on hoarding & access gates. - Traffic control checklists completed & up to date. - Scaffold perimeter screens in place along all facades. - COVID 19 Control Signage & hand sanitizer in place at the entrance, sign-in desk, and permit to work desk. - Project HSE signage & Safety Station in place in main entrance & corridors. - Built HSEQ Policies clearly displayed in Corridor.

Site Inspection

- Site Notice Board clearly displayed with required HSE documents & inspection records available for subcontractors.

High Potential Hazard Reporting

High Potential Classification ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	**Trade/Process** ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	**Comments** ***Describe the situation that is classified as High Potential***

Site Inspection

Additional

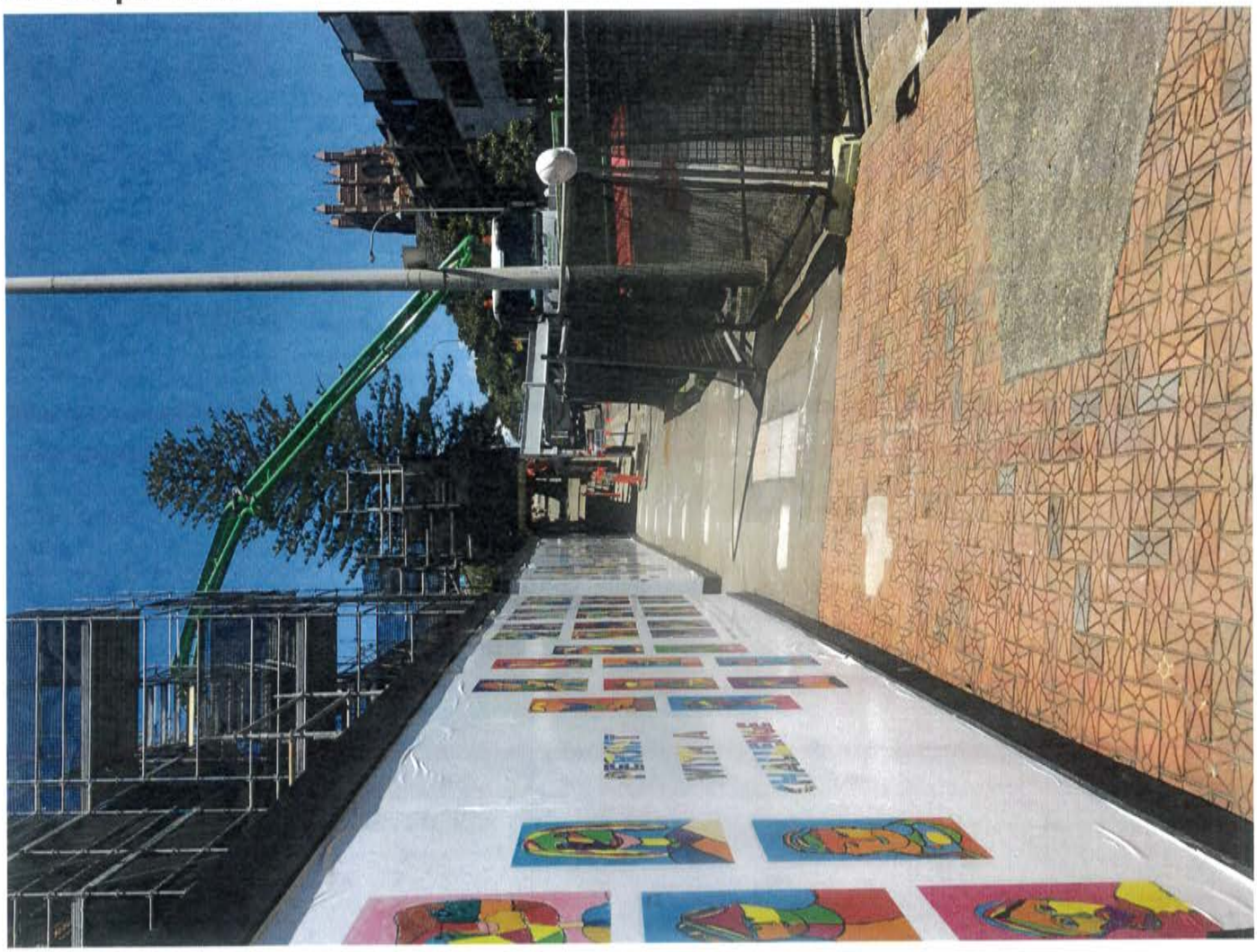
Photos



Concrete pump set up on Church Street

Site Inspection

Site Inspection



Site Inspection



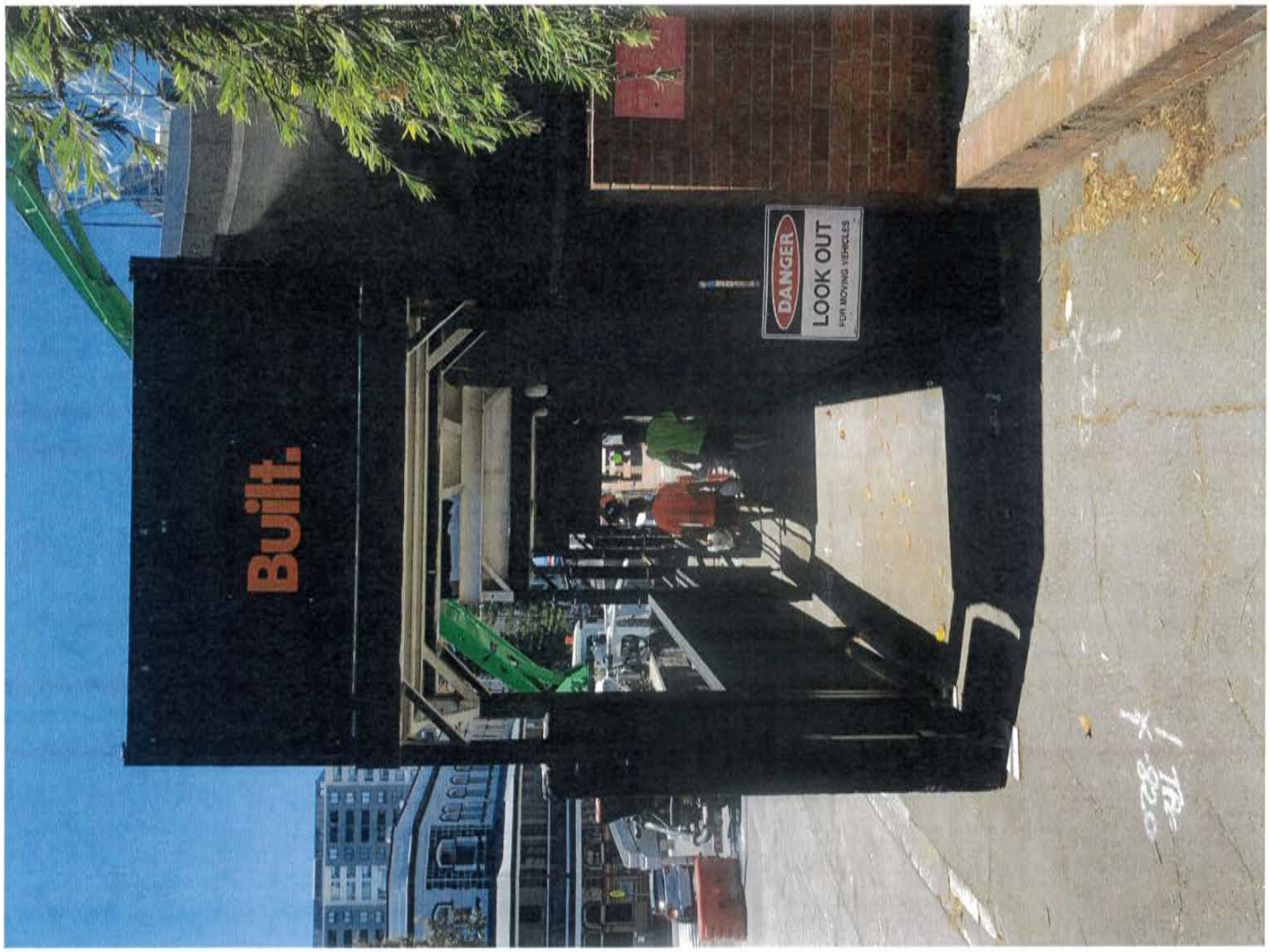
Site Inspection



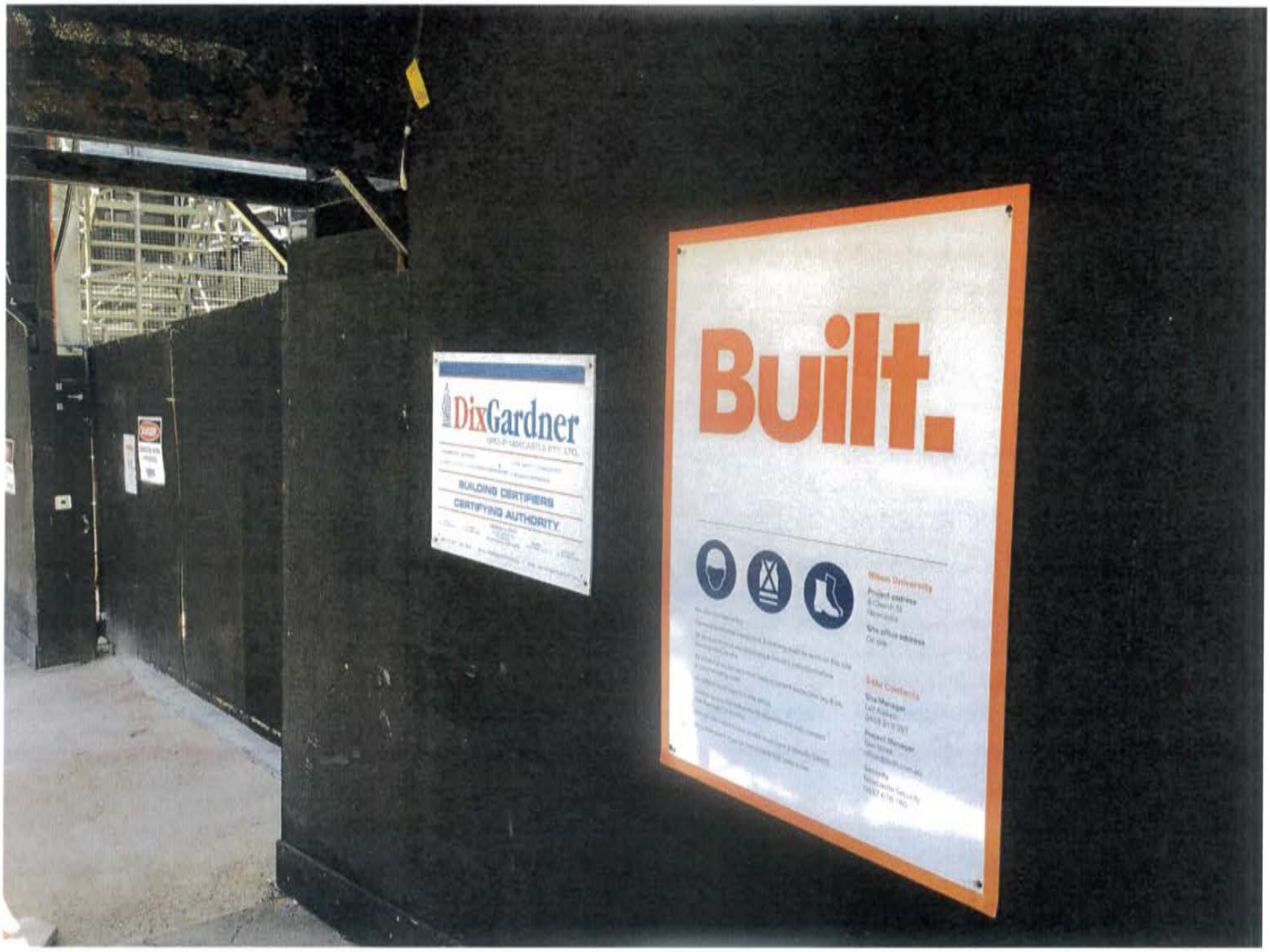
Site Inspection



Site Inspection



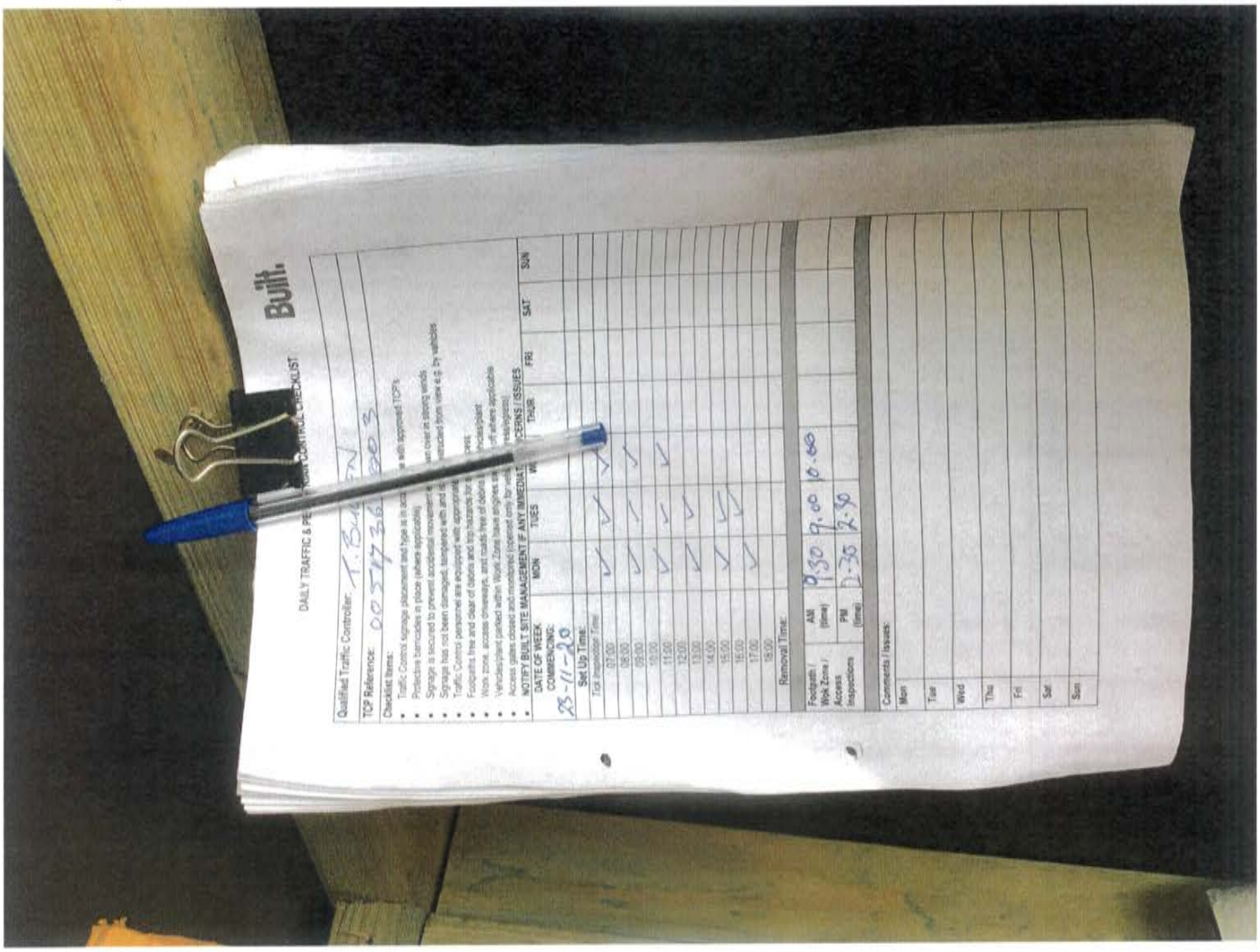
Site Inspection



Site Inspection



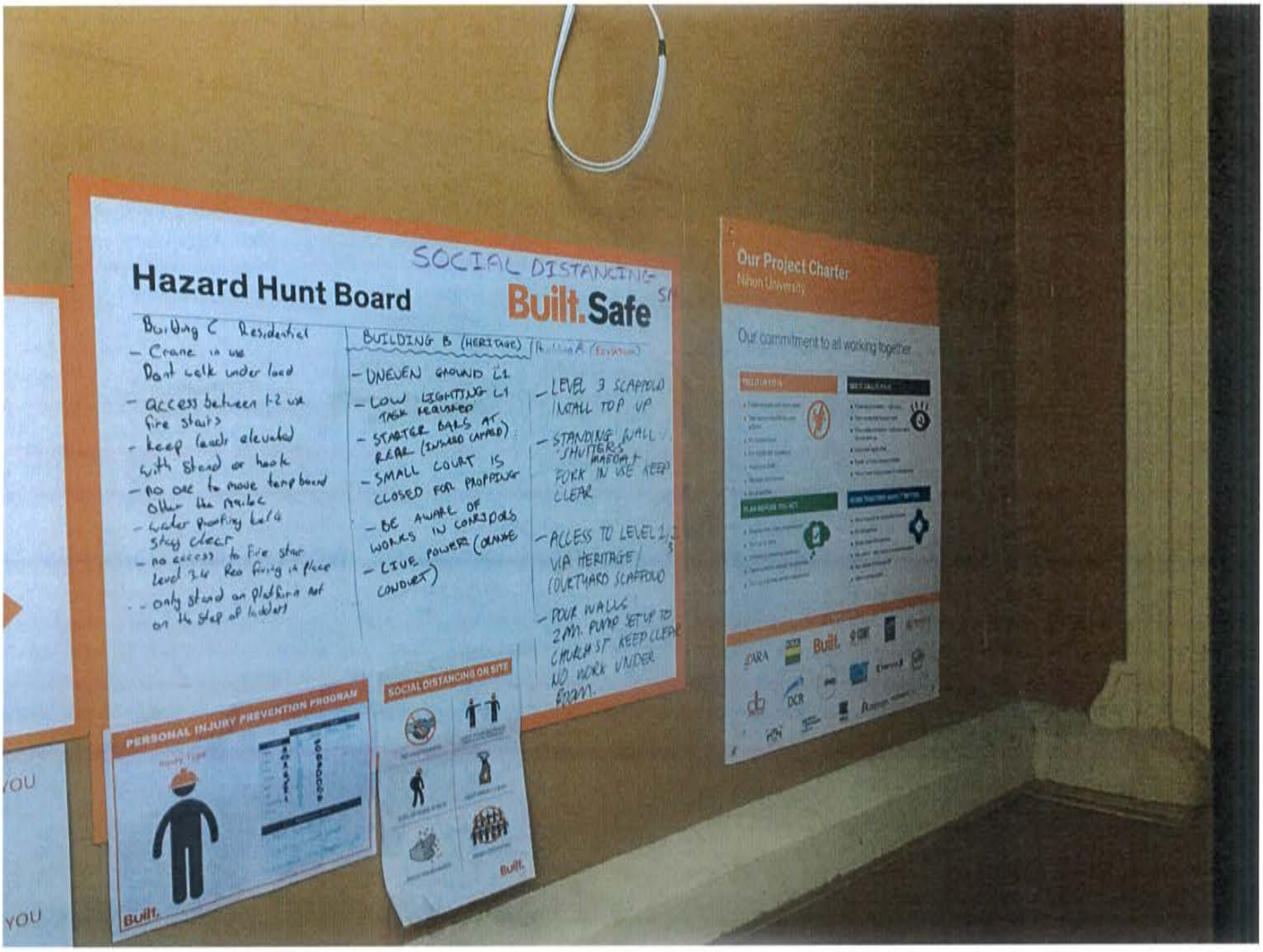
Site Inspection



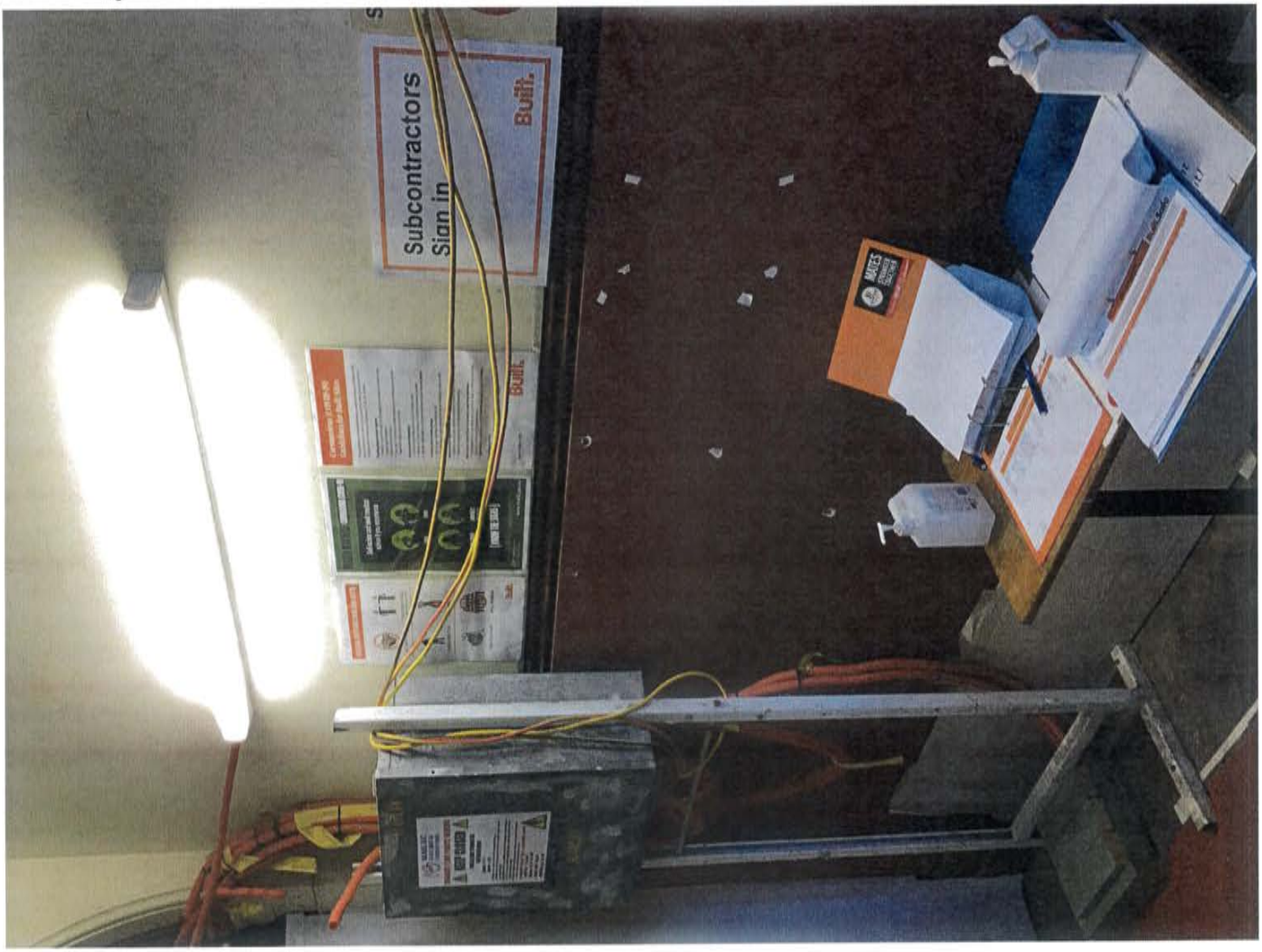
Site Inspection



Site Inspection



Site Inspection



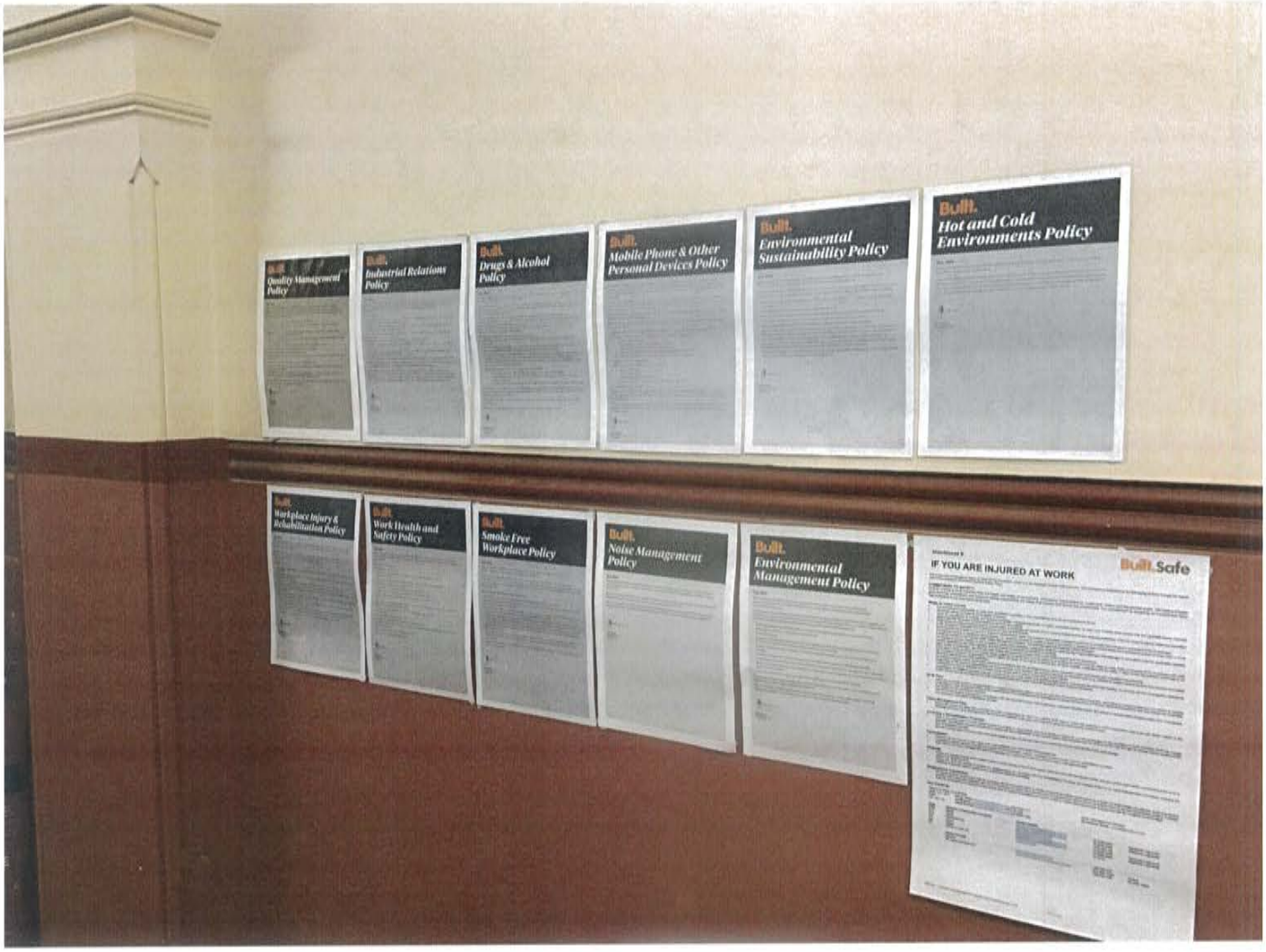
Site Inspection



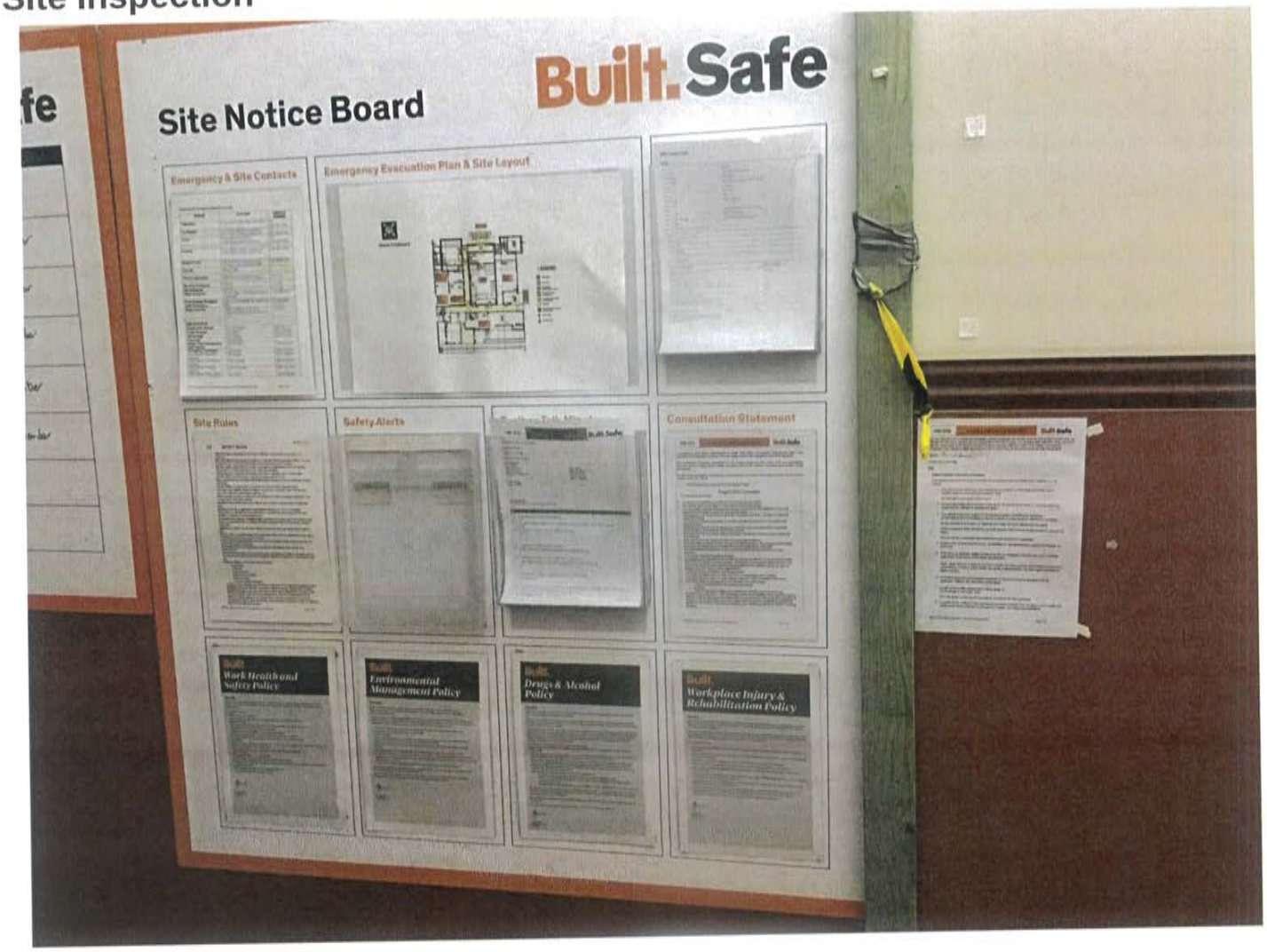
Site Inspection



Site Inspection



Site Inspection



Attachments

- *No file attachments*

Actions Summary

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
42538	Michael	Louis	30/11/2020	27/11/2020	Ensure site team replaces sediment control to Church Street drain ASAP.	Closed	Ordered from Jaybro
42539	Jay	Lodge-GerrardMurphy	02/12/2020		Pedestrian crossings on Church Street to be re-painted due to restoration works.	Open	

Actions

ID: 42538

Actionee: Michael Louis

Due date: 2020-11-30 **Status:** Closed

Date closed: 2020-11-27

Action description: Ensure site team replaces sediment control to Church Street drain ASAP.



Site Inspection

The sediment control log has been removed due to degradation.

Attachments

- *No file attachments*

ID: 42539 **Due date:** 2020-12-02 **Status:** Open

Actionee: Jay Lodge-GerrardMurphy **Date closed:**

Action description: Pedestrian crossings on Church Street to be re-painted due to restoration works.





Attachments

- *No file attachments*

Monitoring

Details

Form id	169179
Created at	25/11/2020 by Michael Louis
Completed at	25/11/2020
Last modified	26/11/2020 12:11:33 by Michael Louis
Status	Complete
Respondent	Michael Louis
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	DE MARTIN & GASPARINI PTY LIMITED
Monitoring Activity	SWMS Monitoring
Outline of activity being monitored	Concrete pour building C. Mobile boom pump operating from church st works zone.
Documents referenced during monitoring *This could include; SWMS, Permit, Traffic Management Plans, Methodology documents, Engineering advice, SOP/JSA.* *Where possible provide the exact name and version number of the document.*	HRCW SWMS
Summary of monitoring *Provide an outline of any positive observations or conversations, work practices being performed well, compliance with the documents reference or a brief outline.*	Concrete pour. Pump in church street works zone. Partial lane closure. Traffic control in place. Pedestrian management in place. Enviro Controls on place.
Was work required to be stopped?	No

High Potential Hazard Reporting

High Potential ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	**Trade/process** ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	**Comments** ***Describe the situation that is classified as High Potential***

Built staff in attendance

Include the person who is logged in to the software in this section as well as the other attendees

Attendee name
Michael Louis

Others in attendance

This could include workers involved in the activity, the subcontractor supervisor or others

Subcontractor name	**Persons name**

Monitoring

Additional

Photos

Monitoring



Attachments

- *No file attachments*

Actions Summary

Monitoring

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment

Actions

Site Inspection

Details

Form id	169465
Created at	26/11/2020 by Michael Louis
Completed at	26/11/2020
Last modified	26/11/2020 11:54:32 by Michael Louis
Status	Complete
Respondent	Michael Louis
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	BUILT PTY LIMITED
Type of Site Inspection	Consultative Process Inspection

Built Attendance

Include the person who is logged in as well.

Name
Michael Louis
Mathew Mitchell
Robbie Clydesdale

Others in attendance

Subcontractor Name	Persons Name
GERRARD MURPHY (DRAINAGE) PTY LTD	Dan
COLES REFRIGERATION & AIR CONDITIONING PTY LTD	Hayden
JA CROCKETT PTY LTD	Shane
PINNACLE BRICKLAYING PTY LTD	Matt
MAILEC ELECTRICAL PTY. LIMITED	Anthony

Areas or Locations Inspected

Identify the area/s reviewed during the inspection. The may include; whole of project, certain levels or certain locations.

Building A,B,C, Church Street Enviro Controls

Summary of inspection

This may include; common checks, activities or items reviewed, good practices observed or general commentary of the inspection.
Note; all actions need to be registered in the "Actions" area at the bottom of this page.

Housekeeping, electrical, scaffold, plant, enviro controls.

See actions

High Potential Hazard Reporting

Site Inspection

High Potential Classification ***Select from the drop down list those which apply. Use the Add button to add one line per issue***	Trade/Process ***State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'***	Comments ***Describe the situation that is classified as High Potential***

Additional

Photos

Attachments

- *No file attachments*

Actions Summary

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
42489	Robbie	Clydesdale	26/11/2020		Lift core penos need to be identified (marked) as penos. Fixings need to be in all corners.	Open	
42490	Robbie	Clydesdale	26/11/2020		Water to be pumped out of hob level 4	Open	
42491	Matt	Urquhart-COLESREFRIGERATIONandAIR	26/11/2020		Demarcation of works zone needed when working on penos. Danger tape for example.	Open	
42492	Robbie	Clydesdale	26/11/2020		Clean up of scaffold level 4 and area near scaffold.	Open	
42493	Jay	Lodge-GerrardMurphy	26/11/2020		Toolbox workers in use of face Shield when grinding	Open	
42494	Ben	Kirkwood-MailecElectrical	26/11/2020		Level 3 resi, power boards to be secured.	Open	
42495	Robbie	Clydesdale	26/11/2020	26/11/2020	Move trestles from in front of MSB.	Closed	
42496	Robbie	Clydesdale	26/11/2020		Excess pallets removed from site.	Open	
42497	Benjamin	Bates	26/11/2020		Move nurse call and extinguisher.	Open	
42498	Benjamin	Bates	26/11/2020		Scaffold access required to level 4 formwork deck	Open	
42499	Leif	Aleksic	26/11/2020		Issue instruction to DB Global, to strap boards and not tie wire boards.	Open	

Site Inspection

Actions

ID: 42489 **Due date:** 2020-11-26 **Status:** Open

Actionee: Robbie Clydesdale **Date closed:**

Action description: Lift core penos need to be identified (marked) as penos. Fixings need to be in all corners.





Attachments

- *No file attachments*

ID: 42490 **Due date:** 2020-11-26 **Status:** Open

Actionee: Robbie Clydesdale **Date closed:**

Action description: Water to be pumped out of hob level 4



Attachments

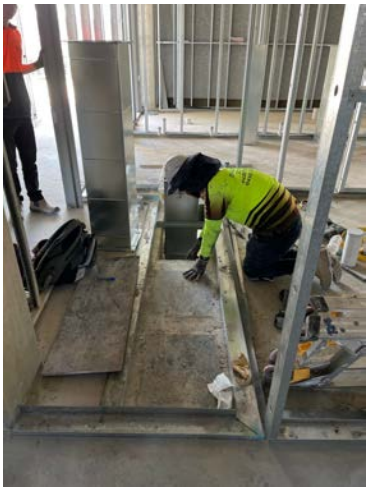
- *No file attachments*

ID: 42491 **Due date:** 2020-11-26 **Status:** Open

Actionee: Matt Urquhart-COLESREFRIGERATIONandAIR **Date closed:**

Action description: Demarcation of works zone needed when working on penos. Danger tape for example.

Site Inspection



Attachments

- *No file attachments*

ID: 42492 **Due date:** 2020-11-26 **Status:** Open

Actionee: Robbie Clydesdale **Date closed:**

Action description: Clean up of scaffold level 4 and area near scaffold.





Attachments

- *No file attachments*

ID: 42493 **Due date:** 2020-11-26 **Status:** Open

Actionee: Jay Lodge-GerrardMurphy **Date closed:**

Action description: Toolbox workers in use of face Shield when grinding

Attachments

- *No file attachments*

ID: 42494 **Due date:** 2020-11-26 **Status:** Open

Actionee: Ben Kirkwood-MailecElectrical **Date closed:**

Action description: Level 3 resi, power boards to be secured.

Attachments

- *No file attachments*

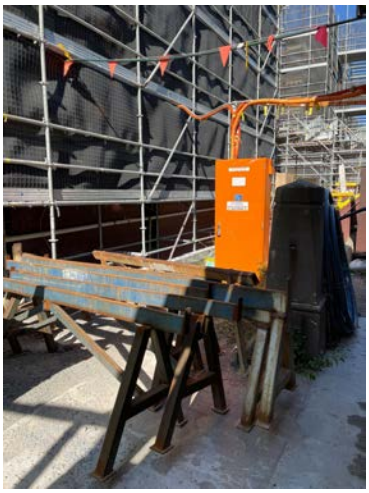
ID: 42495 **Due date:** 2020-11-26 **Status:** Closed

Site Inspection

Actionee: Robbie Clydesdale

Date closed: 2020-11-26

Action description: Move trestles from in front of MSB.





Attachments

- *No file attachments*

ID: 42496

Due date: 2020-11-26

Status: Open

Actionee: Robbie Clydesdale

Date closed:

Action description: Excess pallets removed from site.



Attachments

- *No file attachments*

ID: 42497

Due date: 2020-11-26

Status: Open

Actionee: Benjamin Bates

Date closed:

Action description: Move nurse call and extinguisher.

Site Inspection





Attachments

- *No file attachments*

ID: 42498 **Due date:** 2020-11-26 **Status:** Open

Actionee: Benjamin Bates **Date closed:**

Action description: Scaffold access required to level 4 formwork deck

Attachments

- *No file attachments*

ID: 42499 **Due date:** 2020-11-26 **Status:** Open

Actionee: Leif Aleksic **Date closed:**

Action description: Issue instruction to DB Global, to strap boards and not tie wire boards.

Attachments

- *No file attachments*

SafeWork NSW
INSPECTION REPORT
Work Health and Safety Act 2011

Date of Report: 24-Nov-20 **Inspection Report Number:** 10-116425

Name of Inspector: David Ward

Telephone number of Inspector: +61 (02) 4921 2971

Email address of Inspector: David.Ward@safework.nsw.gov.au

Site Entry Date	Site Entry Time	Site Departure Date	Site Departure Time
23-Nov-2020	8:00:00AM	23-Nov-2020	

BUSINESS OR UNDERTAKING DEALT WITH

Legal name of business or undertaking: BUILT PTY LIMITED

Trading name:

ABN: 24083928045 **ACN:** 083928045

Legal address of business or undertaking: BARRACK PLACE
151 CLARENCE STREET
SYDNEY NSW 2000

PLACE ENTERED

Address of attendance: 9 Church St
Newcastle east
NSW 2300

OTHER PERSONS ATTENDING WITH INSPECTOR

Name

GIVING OF REPORT

Name of person given to: Michael Louis

Person's position: HSE Advisor

Method of giving: Delivered directly to the person named by electronic transmission

Date of giving: 24-Nov-2020 **Time of giving:** 7:37 am

Copy of Inspection Report Given To :

Name	Position

Inspector's Signature: **Electronically Issued**

INSPECTION OUTCOMES SUMMARY

1. Notices Issued by Inspector

Notice Number	Description	Status

2. Decisions of Inspector Under Part 5 of the Work Health and Safety Act 2011

3. Advice provided to the Duty Holder

INSPECTION DETAILS

1. Purpose of Entry

I entered this place to assess compliance with work health and safety laws

2. Summary of Inspector's Observations

1)	I observed a construction site with the development of the Newcastle Law University.
2)	I observed adequate site security fencing in place with appropriate Principle Contractor signage.
3)	I observed Church Street to be blocked of to road users between Watt Street , Bolton Street and Newcombe Street Newcastle due to ashfelt works. I observed physical barricades in place as well as multiple traffic controllers.
4)	I observed the southern side of Church Street, between the Police Station and the Hospital to e a designated loading zone for the construction site. I observed hoarding in place with a 10kp rating.
5)	I observed scaffold installed around the residential building and the education building . I observed the scaffold to appear complete with no missing components . I observed good access and egress to and from the scaffold, with adequate ties in place. I sighted a scaff tag dated 7.11.2020.
6)	I observed nurse call stations installed on all levels of the site to manage the risks associated with an emergency. I observed the site to be very clean and tidy, with appropriate laydown area, good access/egress around site, good lighting and emergency signage.
7)	I observed all electrical leads on site to be appropriately positioned of the ground on lead stands of lead hooks. I observed electrical equipment to be in good condition and with in test/tag compliance dates.
8)	I observed adequate temp electrical boards installed around site. I observed incoming electrical supply to be protected from mechanical damage. I observed the boards to be Installed in compliance with AS/NZS 3012.
9)	I observed all ladders on site being utilised to be platform ladders.
10)	I observed a tower crane to be positioned on site in the north east corner.
11)	I observed formwork being erected, level 3 of the education building. I observed adequate signage in place indicating "formwork in progress". I observed adequate systems in place to manage the risks associated with falls, including adequate handrail system installed.
12)	whilst on site I sighted the following: 1. TMP plan number 0051736303. 2. Council work zone approval Church Street. 3. SWMS - Tower crane BLT800. 4. SWMS - Traffic control BLT 630. 5. Trevor Bullen traffic control license TCT0074378. 6. Dennis Mrcela traffic control licence 0052093539, exp 19.7.22. 7. James Halpin HRW041508, Classes CT, SA, SI, DG, RA, LF, CO, exp 8.9.22. 8. Dylan Hunt HRW741010, Classes CT, WP, C6, RB, HP, RI, DG, LF, RA, exp 20.8.21.

3. Compliance status of previously issued Notices (If any)

Notice Number	Description	Status

4. Persons spoken with during inspection

Name	Position Title
Michael Louis	HSE Advisor

5. Information and documents given to duty holder

Title

6. Summary of Inspector Powers exercised

Section of Act	Nature of Inspector action/decision during inspection
Act	I exercised powers in accordance with the Work Health and Safety Act 2011 , Workers Compensation Act 1987 and the Workplace Injury Management and Workers Compensation Act 1998.

Annexure - Digital Photos

24/11/2020 -32.78 151.65 AndroidOS
9 Church Street Newcastle NSW 2300
adequate ties installed on scaffold



DISCLAIMER
This report only deals with matters the subject of the specific inspection. It does not purport to indicate overall compliance status of the relevant duty holder(s) with work health and safety laws.

INTERNAL REVIEW OF CERTAIN INSPECTOR DECISIONS
If you want to apply for internal review of a decision made by an inspector during this visit, you must do so with the Governance and Appeals Unit, SafeWork NSW within 14 days of the date the decision came to your notice or - in the case of an improvement notice - the lesser of 14 days or the period specified in the notice for compliance (or such longer period as the regulator allows). SafeWork NSW must conduct the internal review within 14 days (unless further information is required). If SafeWork NSW does not notify you of the internal review decision within the required time, SafeWork NSW is taken to have made a decision to affirm the reviewable decision. Not all decisions can be internally reviewed and in order to seek internal review of a decision you must be an eligible person. If you are not satisfied with an internal review decision you can apply for an external review to the Industrial Relations Commission.

Application forms for internal review, a list of reviewable decisions and a list of eligible persons are available upon request from the inspector, SafeWork NSW by telephoning 13 10 50, or they can be downloaded from our website www.safework.nsw.gov.au.

You can contact the Governance and Appeals Unit by telephone (02) 4724 4920 or by email at reviews@safework.nsw.gov.au.

FEEDBACK
If you want to contact SafeWork NSW in relation to this inspection by our Inspector other than for Internal Review purposes (see above), please use the following guide:

- to clarify any matter that is covered by the Inspection Report and any associated Notices or Directions contact the issuing Inspector, whose name and contact details appear at the top of this Inspection Report.
- to make comment about any aspect of how this inspection was conducted, contact the inspector's senior management on telephone 13 10 50 or by writing to SafeWork NSW, Locked Bag 2906, Lisarow NSW 2252.

TO VIEW DOCUMENTS TAKEN BY THE INSPECTOR
Contact the issuing Inspector, whose name and contact details appear at the top of this Inspection Report to make an appointment.

PRIVACY COLLECTION STATEMENT
SafeWork NSW collects, uses, discloses and stores information in accordance with the Work Health and Safety Act 2011, other legislation administered by SafeWork NSW and all applicable privacy laws. This includes information collected by SafeWork NSW inspectors or authorised officers. Note that privacy laws do not apply if other laws conflict or allow or require the collection of information, and do not apply to the collection of information by SafeWork NSW to the extent that it is exercising its law enforcement functions and non-compliance with privacy legislation is deemed necessary to fulfil those functions.

SafeWork NSW privacy information is on our website at www.safework.nsw.gov.au.

FURTHER INFORMATION
SafeWork NSW has a range of publications to explain your legal responsibilities and help you make your premises/site safer. To inquire about these publications, telephone 1300 799 003 or visit our website www.safework.nsw.gov.au.

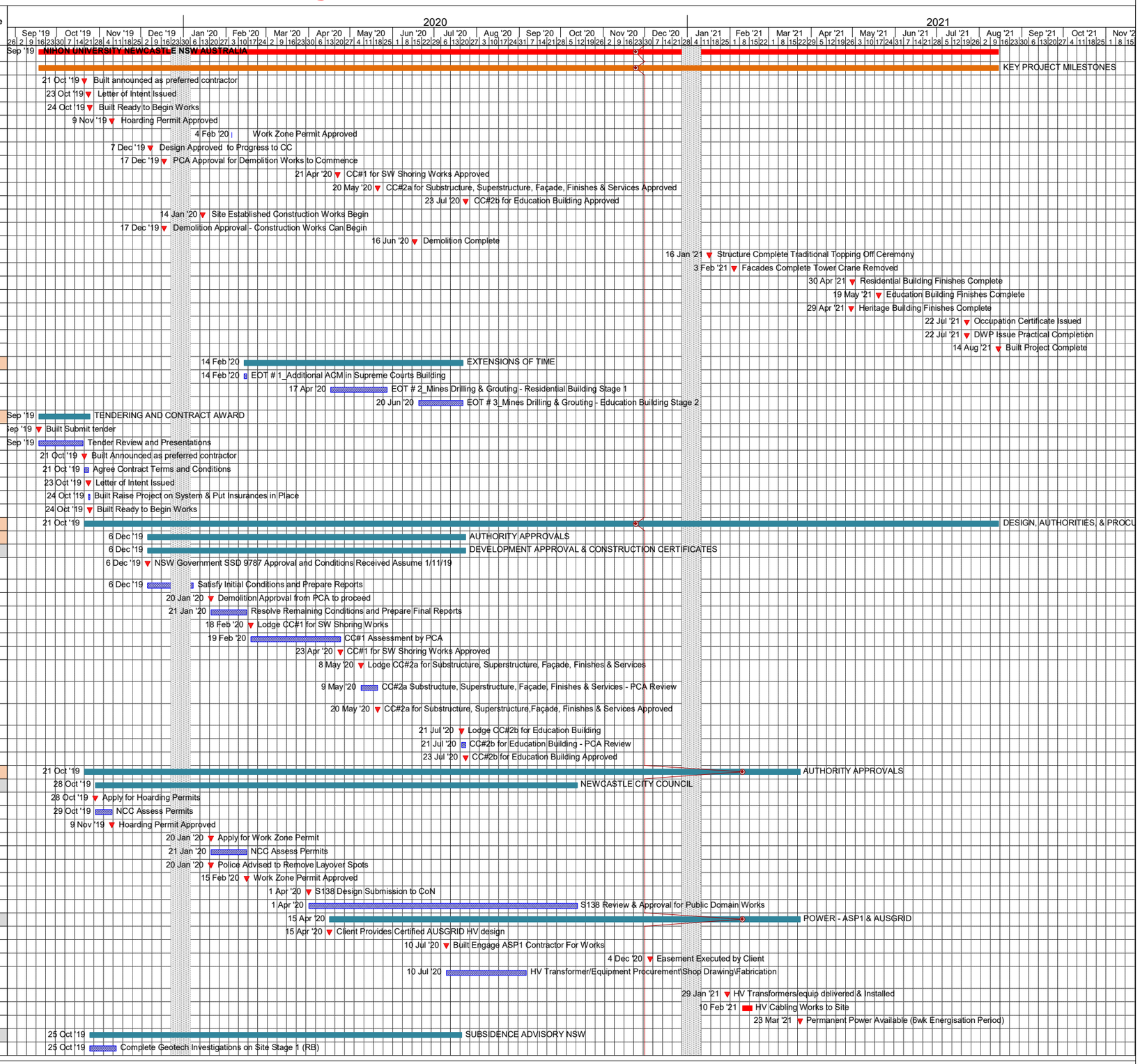
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Appendix D – Statused Contract Programme

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
0	**NIHON UNIVERSITY NEWCASTLE NSW AUSTRALIA**	**529 d**	**Wed 18/09/19**	**Sat 14/08/21**	**59%**
1	**KEY PROJECT MILESTONES**	**522 d**	**Wed 18/09/19**	**Sat 14/08/21**	**59%**
2	*Built announced as preferred contractor*	*0 d*	*Mon 21/10/19*	*Mon 21/10/19*	*100%*
3	*Letter of Intent Issued*	*0 d*	*Wed 23/10/19*	*Wed 23/10/19*	*100%*
4	*Built Ready to Begin Works*	*0 d*	*Thu 24/10/19*	*Thu 24/10/19*	*100%*
5	*Hoarding Permit Approved*	*0 d*	*Sat 9/11/19*	*Sat 9/11/19*	*100%*
6	*Work Zone Permit Approved*	*10 d*	*Tue 4/02/20*	*Sat 15/02/20*	*100%*
7	*Design Approved to Progress to CC*	*0 d*	*Sat 7/12/19*	*Sat 7/12/19*	*100%*
8	*PCA Approval for Demolition Works to Commence*	*0 d*	*Tue 17/12/19*	*Tue 17/12/19*	*100%*
9	*CC#1 for SW Shoring Works Approved*	*0 d*	*Tue 21/04/20*	*Tue 21/04/20*	*100%*
10	*CC#2a for Substructure, Superstructure, Façade, Finishes & Services Ap*	*0 d*	*Wed 20/05/20*	*Wed 20/05/20*	*100%*
11	*CC#2b for Education Building Approved*	*0 d*	*Thu 23/07/20*	*Thu 23/07/20*	*100%*
12	*Site Established Construction Works Begin*	*0 d*	*Tue 14/01/20*	*Tue 14/01/20*	*100%*
13	*Demolition Approval - Construction Works Can Begin*	*0 d*	*Tue 17/12/19*	*Tue 17/12/19*	*100%*
14	*Demolition Complete*	*0 d*	*Tue 16/06/20*	*Tue 16/06/20*	*100%*
15	*Structure Complete Traditional Topping Off Ceremony*	*0 d*	*Sat 16/01/21*	*Sat 16/01/21*	*0%*
16	*Facades Complete Tower Crane Removed*	*0 d*	*Wed 3/02/21*	*Wed 3/02/21*	*0%*
17	*Residential Building Finishes Complete*	*0 d*	*Fri 30/04/21*	*Fri 30/04/21*	*0%*
18	*Education Building Finishes Complete*	*0 d*	*Wed 19/05/21*	*Wed 19/05/21*	*0%*
19	*Heritage Building Finishes Complete*	*0 d*	*Thu 29/04/21*	*Thu 29/04/21*	*0%*
20	*Occupation Certificate Issued*	*0 d*	*Thu 22/07/21*	*Thu 22/07/21*	*0%*
21	*DWP Issue Practical Completion*	*0 d*	*Thu 22/07/21*	*Thu 22/07/21*	*0%*
22	*Built Project Complete*	*0 d*	*Sat 14/08/21*	*Sat 14/08/21*	*0%*
23	**EXTENSIONS OF TIME**	**126 d**	**Fri 14/02/20**	**Tue 21/07/20**	**100%**
24	EOT # 1_Additional ACM in Supreme Courts Building	2 d	Fri 14/02/20	Sat 15/02/20	100%
25	EOT # 2_Mines Drilling & Grouting - Residential Building Stage 1	33 d	Fri 17/04/20	Wed 27/05/20	100%
26	EOT # 3_Mines Drilling & Grouting - Education Building Stage 2	27 d	Sat 20/06/20	Tue 21/07/20	100%
27	**TENDERING AND CONTRACT AWARD**	**29 d**	**Wed 18/09/19**	**Thu 24/10/19**	**100%**
28	Built Submit tender	0 d	Wed 18/09/19	Wed 18/09/19	*100%*
29	Tender Review and Presentations	25 d	Wed 18/09/19	Sat 19/10/19	100%
30	Built Announced as preferred contractor	0 d	Mon 21/10/19	Mon 21/10/19	*100%*
31	Agree Contract Terms and Conditions	3 d	Mon 21/10/19	Wed 23/10/19	100%
32	Letter of Intent Issued	0 d	Wed 23/10/19	Wed 23/10/19	*100%*
33	Built Raise Project on System & Put Insurances in Place	1 d	Thu 24/10/19	Thu 24/10/19	100%
34	Built Ready to Begin Works	0 d	Thu 24/10/19	Thu 24/10/19	*100%*
35	**DESIGN, AUTHORITIES, & PROCUREMENT**	**504 d**	**Mon 21/10/19**	**Sat 14/08/21**	**58%**
36	**AUTHORITY APPROVALS**	**171 d**	**Fri 6/12/19**	**Thu 23/07/20**	**100%**
37	**DEVELOPMENT APPROVAL & CONSTRUCTION CER**	**171 d**	**Fri 6/12/19**	**Thu 23/07/20**	**100%**
38	*NSW Government SSD 9787 Approval and Conditions Received Assume 1/11/19*	*0 d*	*Fri 6/12/19*	*Fri 6/12/19*	*100%*
39	Satisfy Initial Conditions and Prepare Reports	14 d	Fri 6/12/19	Tue 7/01/20	100%
40	*Demolition Approval from PCA to proceed*	*0 d*	*Mon 20/01/20*	*Mon 20/01/20*	*100%*
41	Resolve Remaining Conditions and Prepare Final Reports	20 d	Tue 21/01/20	Sat 15/02/20	100%
42	Lodge CC#1 for SW Shoring Works	0 d	Tue 18/02/20	Tue 18/02/20	*100%*
43	CC#1 Assessment by PCA	52 d	Wed 19/02/20	Thu 23/04/20	100%
44	*CC#1 for SW Shoring Works Approved*	*0 d*	*Thu 23/04/20*	*Thu 23/04/20*	*100%*
45	Lodge CC#2a for Substructure, Superstructure, Façade, Finishes & Services	0 d	Fri 8/05/20	Fri 8/05/20	*100%*
46	CC#2a Substructure, Superstructure, Façade, Finishes & Services - PCA Review	10 d	Sat 9/05/20	Wed 20/05/20	100%
47	*CC#2a for Substructure, Superstructure,Façade, Finishes & Services Approved*	*0 d*	*Wed 20/05/20*	*Wed 20/05/20*	*100%*
48	Lodge CC#2b for Education Building	0 d	Tue 21/07/20	Tue 21/07/20	*100%*
49	CC#2b for Education Building - PCA Review	3 d	Tue 21/07/20	Thu 23/07/20	100%
50	*CC#2b for Education Building Approved*	*0 d*	*Thu 23/07/20*	*Thu 23/07/20*	*100%*
51	**AUTHORITY APPROVALS**	**390 d**	**Mon 21/10/19**	**Tue 23/03/21**	**99%**
52	**NEWCASTLE CITY COUNCIL**	**266 d**	**Mon 28/10/19**	**Mon 12/10/20**	**100%**
53	*Apply for Hoarding Permits*	*0 d*	*Mon 28/10/19*	*Mon 28/10/19*	*100%*
54	NCC Assess Permits	10 d	Tue 29/10/19	Sat 9/11/19	100%
55	*Hoarding Permit Approved*	*0 d*	*Sat 9/11/19*	*Sat 9/11/19*	*100%*
56	*Apply for Work Zone Permit*	*0 d*	*Mon 20/01/20*	*Mon 20/01/20*	*100%*
57	NCC Assess Permits	20 d	Tue 21/01/20	Sat 15/02/20	100%
58	Police Advised to Remove Layover Spots	0 d	Mon 20/01/20	Mon 20/01/20	*100%*
59	*Work Zone Permit Approved*	*0 d*	*Sat 15/02/20*	*Sat 15/02/20*	*100%*
60	*S138 Design Submission to CoN*	*0 d*	*Wed 1/04/20*	*Wed 1/04/20*	*100%*
61	S138 Review & Approval for Public Domain Works	154 d	Wed 1/04/20	Mon 12/10/20	100%
62	**POWER - ASP1 & AUSGRID**	**262 d**	**Wed 15/04/20**	**Tue 23/03/21**	**89%**
63	Client Provides Certified AUSGRID HV design	0 d	Wed 15/04/20	Wed 15/04/20	*100%*
64	*Built Engage ASP1 Contractor For Works*	*0 d*	*Fri 10/07/20*	*Fri 10/07/20*	*100%*
65	*Easement Executed by Client*	*0 d*	*Fri 4/12/20*	*Fri 4/12/20*	*0%*
66	HV Transformer/Equipment Procurement\Shop Drawing\Fabrication	10 wks	Fri 10/07/20	Sat 5/09/20	100%
67	HV Transformers/equip delivered & Installed	0 d	Fri 29/01/21	Fri 29/01/21	*0%*
68	HV Cabling Works to Site	6 d	Wed 10/02/21	Tue 16/02/21	0%
69	Permanent Power Available (6wk Energisation Period)	0 d	Tue 23/03/21	Tue 23/03/21	*0%*
70	**SUBSIDENCE ADVISORY NSW**	**200 d**	**Fri 25/10/19**	**Tue 21/07/20**	**100%**
71	Complete Geotech Investigations on Site Stage 1 (RB)	15 d	Fri 25/10/19	Tue 12/11/19	100%

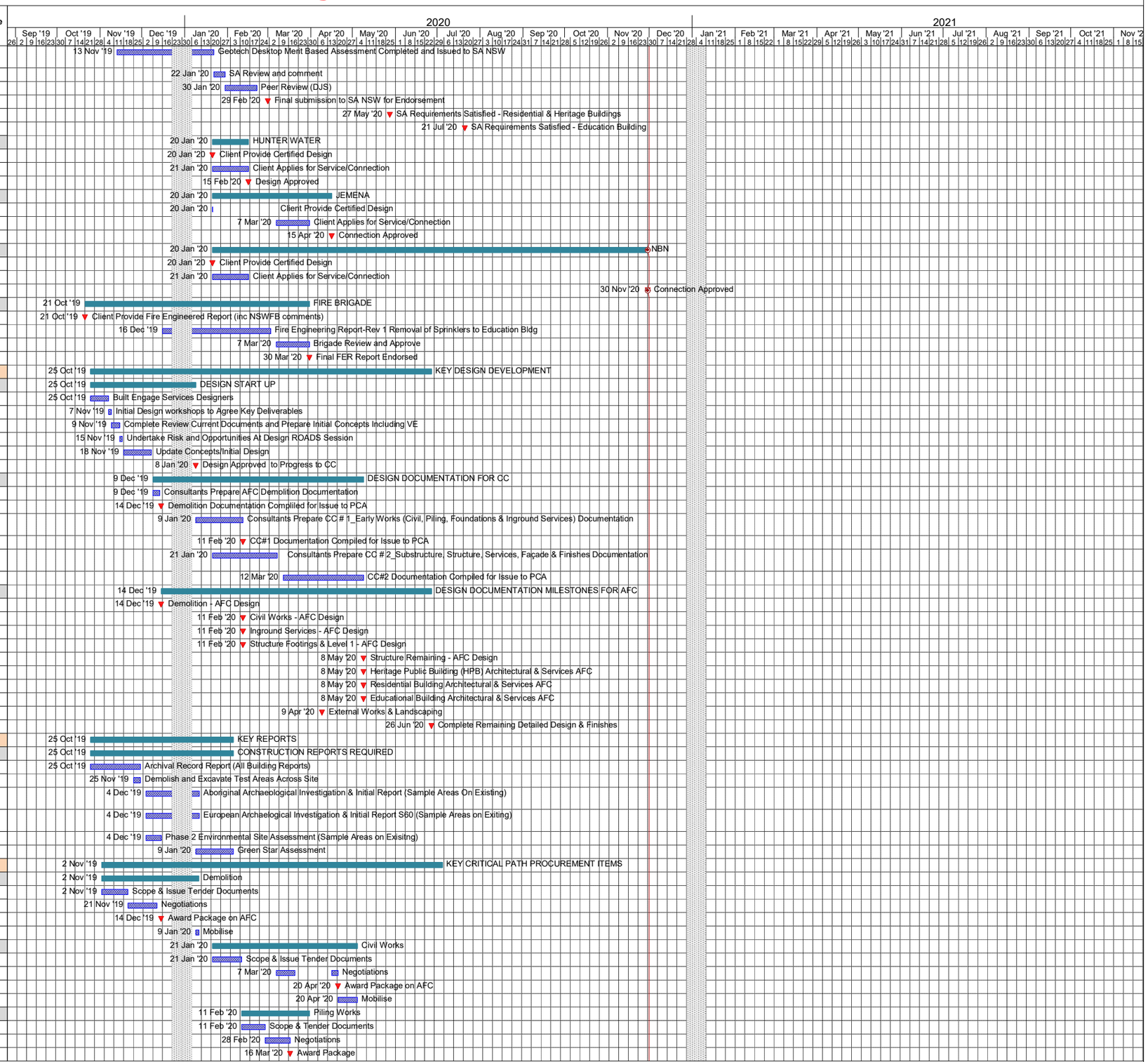


Critical Task | Non-critical | Milestone | Project Summary | Summary

Prepared By: RMc
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Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
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ID	Task Name	Dur	Start	Finish	% Complete
72	Geotech Desktop Merit Based Assessment Completed and Issued to SA NSW	43 d	Wed 13/11/19	Tue 21/01/20	100%
73	SA Review and comment	4 d	Wed 22/01/20	Wed 29/01/20	100%
74	Peer Review (DJS)	20 d	Thu 30/01/20	Fri 21/02/20	100%
75	*Final submission to SA NSW for Endorsement*	*0 d*	*Sat 29/02/20*	*Sat 29/02/20*	*100%*
76	*SA Requirements Satisfied - Residential & Heritage Buildings*	*0 d*	*Wed 27/05/20*	*Wed 27/05/20*	*100%*
77	*SA Requirements Satisfied - Education Building*	*0 d*	*Tue 21/07/20*	*Tue 21/07/20*	*100%*
78	**HUNTER WATER**	**20 d**	**Mon 20/01/20**	**Sat 15/02/20**	**100%**
79	Client Provide Certified Design	0 d	Mon 20/01/20	Mon 20/01/20	*100%*
80	Client Applies for Service/Connection	20 d	Tue 21/01/20	Sat 15/02/20	100%
81	*Design Approved*	*0 d*	*Sat 15/02/20*	*Sat 15/02/20*	*100%*
82	**JEMENA**	**67 d**	**Mon 20/01/20**	**Wed 15/04/20**	**100%**
83	Client Provide Certified Design	37 d	Mon 20/01/20	Fri 6/03/20	100%
84	Client Applies for Service/Connection	20 d	Sat 7/03/20	Mon 30/03/20	100%
85	*Connection Approved*	*0 d*	*Wed 15/04/20*	*Wed 15/04/20*	*100%*
86	**NBN**	**253 d**	**Mon 20/01/20**	**Mon 30/11/20**	**99%**
87	Client Provide Certified Design	0 d	Mon 20/01/20	Mon 20/01/20	*100%*
88	Client Applies for Service/Connection	20 d	Tue 21/01/20	Sat 15/02/20	100%
89	*Connection Approved*	*0 d*	*Mon 30/11/20*	*Mon 30/11/20*	*0%*
90	**FIRE BRIGADE**	**118 d**	**Mon 21/10/19**	**Mon 30/03/20**	**100%**
91	Client Provide Fire Engineered Report (inc NSWFB comments	0 d	Mon 21/10/19	Mon 21/10/19	*100%*
92	Fire Engineering Report-Rev 1 Removal of Sprinklers to Educ	50 d	Mon 16/12/19	Mon 2/03/20	100%
93	Brigade Review and Approve	20 d	Sat 7/03/20	Mon 30/03/20	100%
94	*Final FER Report Endorsed*	*0 d*	*Mon 30/03/20*	*Mon 30/03/20*	*100%*
95	**KEY DESIGN DEVELOPMENT**	**180 d**	**Fri 25/10/19**	**Fri 26/06/20**	**100%**
96	**DESIGN START UP**	**47 d**	**Fri 25/10/19**	**Wed 8/01/20**	**100%**
97	Built Engage Services Designers	10 d	Fri 25/10/19	Wed 6/11/19	100%
98	Initial Design workshops to Agree Key Deliverables	2 d	Thu 7/11/19	Fri 8/11/19	100%
99	Complete Review Current Documents and Prepare Initial Con	5 d	Sat 9/11/19	Thu 14/11/19	100%
100	Undertake Risk and Opportunities At Design ROADS Session	2 d	Fri 15/11/19	Sat 16/11/19	100%
101	Update Concepts/Initial Design	15 d	Mon 18/11/19	Sat 7/12/19	100%
102	Design Approved to Progress to CC	0 d	Wed 8/01/20	Wed 8/01/20	*100%*
103	**DESIGN DOCUMENTATION FOR CC**	**108 d**	**Mon 9/12/19**	**Fri 8/05/20**	**100%**
104	Consultants Prepare AFC Demolition Documentation	5 d	Mon 9/12/19	Fri 13/12/19	100%
105	Demolition Documentation Compliled for Issue to PCA	0 d	Sat 14/12/19	Sat 14/12/19	*100%*
106	Consultants Prepare CC # 1_Early Works (Civil, Piling, Foundations & Inground Services) Documentation	26 d	Thu 9/01/20	Tue 11/02/20	100%
107	CC#1 Documentation Compiled for Issue to PCA	0 d	Tue 11/02/20	Tue 11/02/20	*100%*
108	Consultants Prepare CC # 2_Substructure, Structure, Services, Façade & Finishes Documentation	41 d	Tue 21/01/20	Wed 11/03/20	100%
109	CC#2 Documentation Compiled for Issue to PCA	44 d	Thu 12/03/20	Fri 8/05/20	100%
110	**DESIGN DOCUMENTATION MILESTONES FOR AFC**	**140 d**	**Sat 14/12/19**	**Fri 26/06/20**	**100%**
111	Demolition - AFC Design	0 d	Sat 14/12/19	Sat 14/12/19	*100%*
112	Civil Works - AFC Design	0 d	Tue 11/02/20	Tue 11/02/20	*100%*
113	Inground Services - AFC Design	0 d	Tue 11/02/20	Tue 11/02/20	*100%*
114	Structure Footings & Level 1 - AFC Design	0 d	Tue 11/02/20	Tue 11/02/20	*100%*
115	Structure Remaining - AFC Design	0 d	Fri 8/05/20	Fri 8/05/20	*100%*
116	Heritage Public Building (HPB) Architectural & Services AFC	0 d	Fri 8/05/20	Fri 8/05/20	*100%*
117	Residential Building Architectural & Services AFC	0 d	Fri 8/05/20	Fri 8/05/20	*100%*
118	Educational Building Architectural & Services AFC	0 d	Fri 8/05/20	Fri 8/05/20	*100%*
119	External Works & Landscaping	0 d	Thu 9/04/20	Thu 9/04/20	*100%*
120	*Complete Remaining Detailed Design & Finishes*	*0 d*	*Fri 26/06/20*	*Fri 26/06/20*	*100%*
121	**KEY REPORTS**	**67 d**	**Fri 25/10/19**	**Tue 4/02/20**	**100%**
122	**CONSTRUCTION REPORTS REQUIRED**	**67 d**	**Fri 25/10/19**	**Tue 4/02/20**	**100%**
123	Archival Record Report (All Building Reports)	30 d	Fri 25/10/19	Fri 29/11/19	100%
124	Demolish and Excavate Test Areas Across Site	5 d	Mon 25/11/19	Fri 29/11/19	100%
125	Aboriginal Archaeological Investigation & Initial Report (Sample Areas On Existing)	19.5 d	Wed 4/12/19	Sat 11/01/20	100%
126	European Archaelogical Investigation & Initial Report S60 (Sample Areas on Exiting)	19.5 d	Wed 4/12/19	Sat 11/01/20	100%
127	Phase 2 Environmental Site Assessment (Sample Areas on E	10 d	Wed 4/12/19	Sat 14/12/19	100%
128	Green Star Assessment	20 d	Thu 9/01/20	Tue 4/02/20	100%
129	**KEY CRITICAL PATH PROCUREMENT ITEMS**	**180 d**	**Sat 2/11/19**	**Sat 4/07/20**	**100%**
130	**Demolition**	**42 d**	**Sat 2/11/19**	**Fri 10/01/20**	**100%**
131	Scope & Issue Tender Documents	15 d	Sat 2/11/19	Wed 20/11/19	100%
132	Negotiations	15 d	Thu 21/11/19	Wed 11/12/19	100%
133	*Award Package on AFC*	*0 d*	*Sat 14/12/19*	*Sat 14/12/19*	*100%*
134	Mobilise	2 d	Thu 9/01/20	Fri 10/01/20	100%
135	**Civil Works**	**80.75 d**	**Tue 21/01/20**	**Mon 4/05/20**	**100%**
136	Scope & Issue Tender Documents	15 d	Tue 21/01/20	Mon 10/02/20	100%
137	Negotiations	15 d	Sat 7/03/20	Mon 20/04/20	100%
138	*Award Package on AFC*	*0 d*	*Mon 20/04/20*	*Mon 20/04/20*	*100%*
139	Mobilise	10 d	Mon 20/04/20	Mon 4/05/20	100%
140	**Piling Works**	**42 d**	**Tue 11/02/20**	**Mon 30/03/20**	**100%**
141	Scope & Tender Documents	15 d	Tue 11/02/20	Thu 27/02/20	100%
142	Negotiations	15 d	Fri 28/02/20	Mon 16/03/20	100%
143	*Award Package*	*0 d*	*Mon 16/03/20*	*Mon 16/03/20*	*100%*

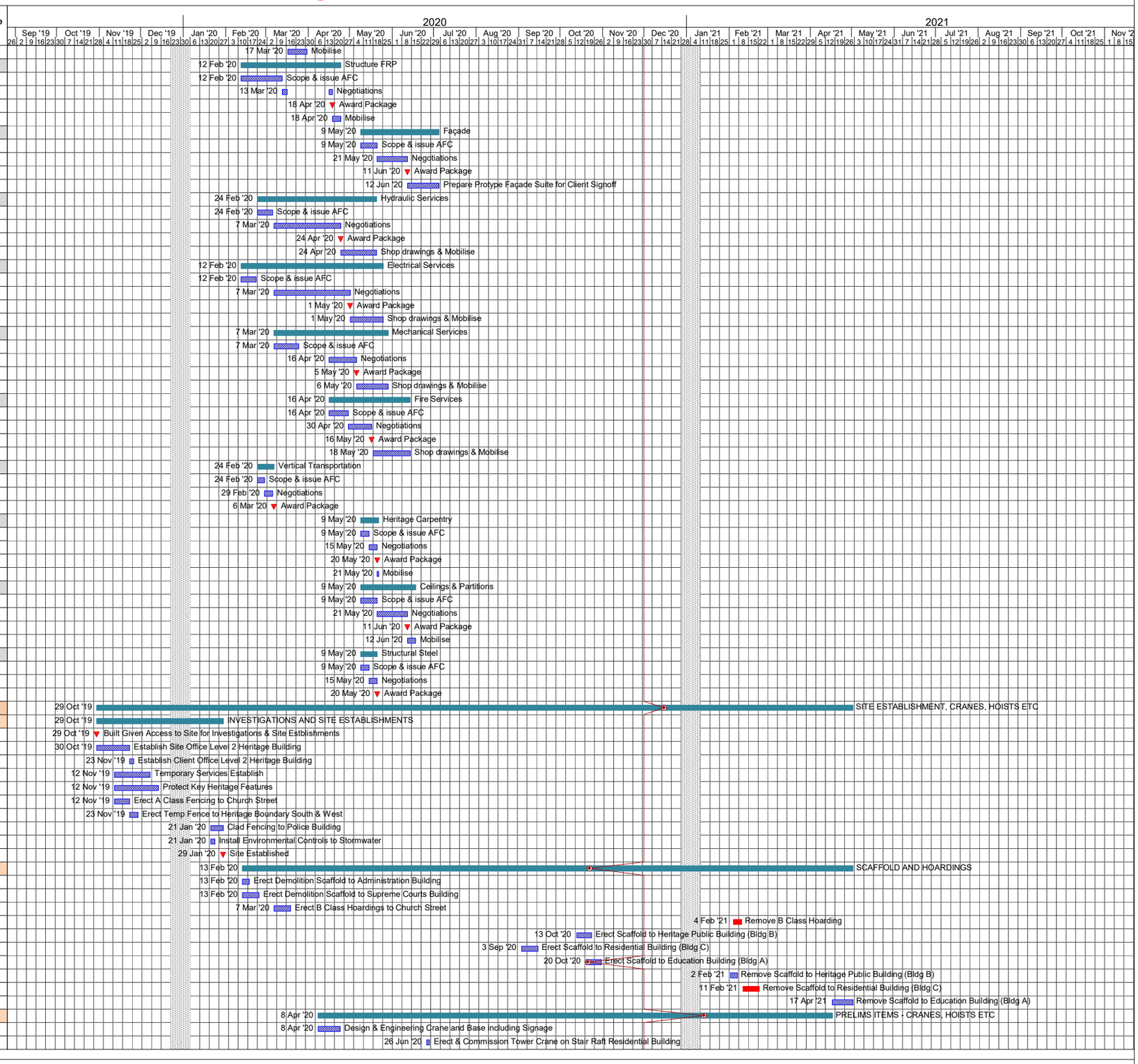


Critical Task — Non-critical — Milestone — Project Summary — Summary

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Built NIHON UNIVERSITY
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ID	Task Name	Dur	Start	Finish	% Complete
144	Mobilise	12 d	Tue 17/03/20	Mon 30/03/20	100%
145	**Structure FRP**	**58.5 d**	**Wed 12/02/20**	**Fri 24/04/20**	**100%**
146	Scope & issue AFC	26 d	Wed 12/02/20	Thu 12/03/20	100%
147	Negotiations	5 d	Fri 13/03/20	Sat 18/04/20	100%
148	*Award Package*	*0 d*	*Sat 18/04/20*	*Sat 18/04/20*	*100%*
149	Mobilise	5 d	Sat 18/04/20	Fri 24/04/20	100%
150	**Façade**	**45 d**	**Sat 9/05/20**	**Sat 4/07/20**	**100%**
151	Scope & issue AFC	10 d	Sat 9/05/20	Wed 20/05/20	100%
152	Negotiations	15 d	Thu 21/05/20	Thu 11/06/20	100%
153	*Award Package*	*0 d*	*Thu 11/06/20*	*Thu 11/06/20*	*100%*
154	Prepare Protype Façade Suite for Client Signoff	20 d	Fri 12/06/20	Sat 4/07/20	100%
155	**Hydraulic Services**	**68.5 d**	**Mon 24/02/20**	**Wed 20/05/20**	**100%**
156	Scope & issue AFC	10 d	Mon 24/02/20	Thu 5/03/20	100%
157	Negotiations	37.5 d	Sat 7/03/20	Fri 24/04/20	100%
158	*Award Package*	*0 d*	*Fri 24/04/20*	*Fri 24/04/20*	*100%*
159	Shop drawings & Mobilise	20 d	Fri 24/04/20	Wed 20/05/20	100%
160	**Electrical Services**	**82.25 d**	**Wed 12/02/20**	**Mon 25/05/20**	**100%**
161	Scope & issue AFC	10 d	Wed 12/02/20	Sat 22/02/20	100%
162	Negotiations	41.25 d	Sat 7/03/20	Fri 1/05/20	100%
163	*Award Package*	*0 d*	*Fri 1/05/20*	*Fri 1/05/20*	*100%*
164	Shop drawings & Mobilise	20 d	Fri 1/05/20	Mon 25/05/20	100%
165	**Mechanical Services**	**65 d**	**Sat 7/03/20**	**Thu 28/05/20**	**100%**
166	Scope & issue AFC	15 d	Sat 7/03/20	Tue 24/03/20	100%
167	Negotiations	15 d	Thu 16/04/20	Tue 5/05/20	100%
168	*Award Package*	*0 d*	*Tue 5/05/20*	*Tue 5/05/20*	*100%*
169	Shop drawings & Mobilise	20 d	Wed 6/05/20	Thu 28/05/20	100%
170	**Fire Services**	**45 d**	**Thu 16/04/20**	**Sat 13/06/20**	**100%**
171	Scope & issue AFC	10 d	Thu 16/04/20	Wed 29/04/20	100%
172	Negotiations	15 d	Thu 30/04/20	Sat 16/05/20	100%
173	*Award Package*	*0 d*	*Sat 16/05/20*	*Sat 16/05/20*	*100%*
174	Shop drawings & Mobilise	20 d	Mon 18/05/20	Sat 13/06/20	100%
175	**Vertical Transportation**	**11 d**	**Mon 24/02/20**	**Fri 6/03/20**	**100%**
176	Scope & issue AFC	5 d	Mon 24/02/20	Fri 28/02/20	100%
177	Negotiations	5 d	Sat 29/02/20	Thu 5/03/20	100%
178	*Award Package*	*0 d*	*Fri 6/03/20*	*Fri 6/03/20*	*100%*
179	**Heritage Carpentry**	**11 d**	**Sat 9/05/20**	**Thu 21/05/20**	**100%**
180	Scope & issue AFC	5 d	Sat 9/05/20	Thu 14/05/20	100%
181	Negotiations	5 d	Fri 15/05/20	Wed 20/05/20	100%
182	*Award Package*	*0 d*	*Wed 20/05/20*	*Wed 20/05/20*	*100%*
183	Mobilise	1 d	Thu 21/05/20	Thu 21/05/20	100%
184	**Ceilings & Partitions**	**30 d**	**Sat 9/05/20**	**Wed 17/06/20**	**100%**
185	Scope & issue AFC	10 d	Sat 9/05/20	Wed 20/05/20	100%
186	Negotiations	15 d	Thu 21/05/20	Thu 11/06/20	100%
187	*Award Package*	*0 d*	*Thu 11/06/20*	*Thu 11/06/20*	*100%*
188	Mobilise	5 d	Fri 12/06/20	Wed 17/06/20	100%
189	**Structural Steel**	**10 d**	**Sat 9/05/20**	**Wed 20/05/20**	**100%**
190	Scope & issue AFC	5 d	Sat 9/05/20	Thu 14/05/20	100%
191	Negotiations	5 d	Fri 15/05/20	Wed 20/05/20	100%
192	*Award Package*	*0 d*	*Wed 20/05/20*	*Wed 20/05/20*	*100%*
193	**SITE ESTABLISHMENT, CRANES, HOISTS ETC**	**409 d**	**Tue 29/10/19**	**Sat 1/05/21**	**76%**
194	**INVESTIGATIONS AND SITE ESTABLISHMENTS**	**58 d**	**Tue 29/10/19**	**Wed 29/01/20**	**100%**
195	*Built Given Access to Site for Investigations & Site Estblishme*	*0 d*	*Tue 29/10/19*	*Tue 29/10/19*	*100%*
196	Establish Site Office Level 2 Heritage Building	20 d	Wed 30/10/19	Fri 22/11/19	100%
197	Establish Client Office Level 2 Heritage Building	2 d	Sat 23/11/19	Mon 25/11/19	100%
198	Temporary Services Establish	20 d	Tue 12/11/19	Sat 7/12/19	100%
199	Protect Key Heritage Features	25 d	Tue 12/11/19	Fri 13/12/19	100%
200	Erect A Class Fencing to Church Street	10 d	Tue 12/11/19	Fri 22/11/19	100%
201	Erect Temp Fence to Heritage Boundary South & West	5 d	Sat 23/11/19	Thu 28/11/19	100%
202	Clad Fencing to Police Building	5 d	Tue 21/01/20	Wed 29/01/20	100%
203	Install Environmental Controls to Stormwater	3 d	Tue 21/01/20	Thu 23/01/20	100%
204	Site Established	0 d	Wed 29/01/20	Wed 29/01/20	*100%*
205	**SCAFFOLD AND HOARDINGS**	**339 d**	**Thu 13/02/20**	**Sat 1/05/21**	**64%**
206	Erect Demolition Scaffold to Administration Building	4 d	Thu 13/02/20	Mon 17/02/20	100%
207	Erect Demolition Scaffold to Supreme Courts Building	10 d	Thu 13/02/20	Mon 24/02/20	100%
208	Erect B Class Hoardings to Church Street	10 d	Sat 7/03/20	Wed 18/03/20	100%
209	Remove B Class Hoarding	5 d	Thu 4/02/21	Tue 9/02/21	0%
210	Erect Scaffold to Heritage Public Building (Bldg B)	10 d	Tue 13/10/20	Fri 23/10/20	100%
211	Erect Scaffold to Residential Building (Bldg C)	10 d	Thu 3/09/20	Mon 14/09/20	100%
212	Erect Scaffold to Education Building (Bldg A)	10 d	Tue 20/10/20	Fri 30/10/20	100%
213	Remove Scaffold to Heritage Public Building (Bldg B)	5 d	Tue 2/02/21	Sat 6/02/21	0%
214	Remove Scaffold to Residential Building (Bldg C)	10 d	Thu 11/02/21	Mon 22/02/21	0%
215	Remove Scaffold to Education Building (Bldg A)	10 d	Sat 17/04/21	Sat 1/05/21	0%
216	**PRELIMS ITEMS - CRANES, HOISTS ETC**	**282 d**	**Wed 8/04/20**	**Sat 17/04/21**	**55%**
217	Design & Engineering Crane and Base including Signage	10 d	Wed 8/04/20	Thu 23/04/20	100%
218	Erect & Commission Tower Crane on Stair Raft Residential Bu	2 d	Fri 26/06/20	Sat 27/06/20	100%

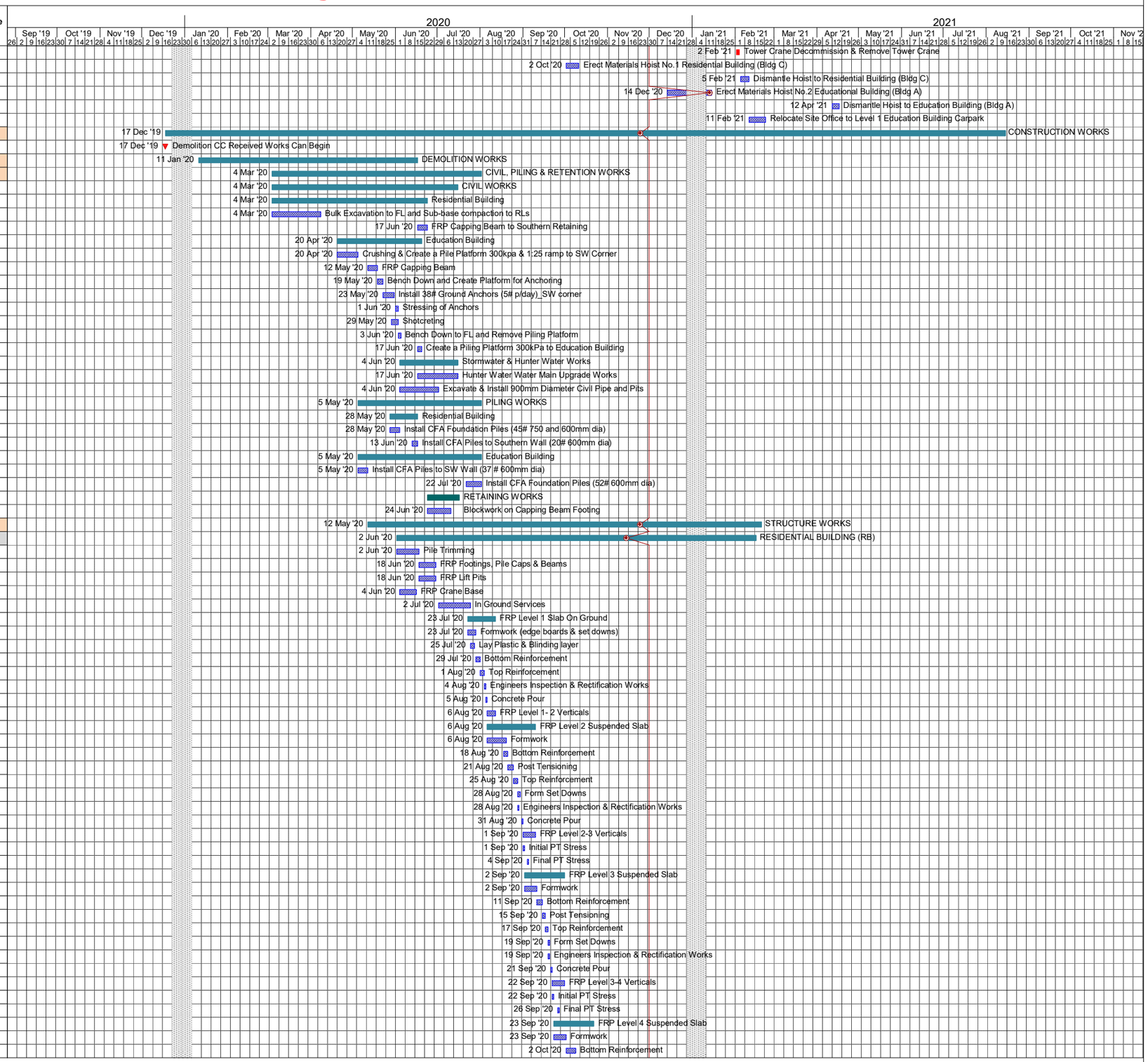


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ID	Task Name	Dur	Start	Finish	% Complete
219	Tower Crane Decommission & Remove Tower Crane	2 d	Tue 2/02/21	Wed 3/02/21	0%
220	Erect Materials Hoist No.1 Residential Building (Bldg C)	5 d	Fri 2/10/20	Sat 10/10/20	100%
221	Dismantle Hoist to Residential Building (Bldg C)	5 d	Fri 5/02/21	Thu 11/02/21	0%
222	Erect Materials Hoist No.2 Educational Building (Bldg A)	12 d	Mon 14/12/20	Thu 14/01/21	90%
223	Dismantle Hoist to Education Building (Bldg A)	5 d	Mon 12/04/21	Sat 17/04/21	0%
224	Relocate Site Office to Level 1 Education Building Carpark	10 d	Thu 11/02/21	Mon 22/02/21	0%
225	**CONSTRUCTION WORKS**	**458 d**	**Tue 17/12/19**	**Sat 14/08/21**	**39%**
226	Demolition CC Received Works Can Begin	0 d	Tue 17/12/19	Tue 17/12/19	*100%*
227	**DEMOLITION WORKS**	**122 d**	**Sat 11/01/20**	**Tue 16/06/20**	**100%**
254	**CIVIL, PILING & RETENTION WORKS**	**120 d**	**Wed 4/03/20**	**Sat 1/08/20**	**100%**
255	**CIVIL WORKS**	**105 d**	**Wed 4/03/20**	**Wed 15/07/20**	**100%**
256	**Residential Building**	**86 d**	**Wed 4/03/20**	**Tue 23/06/20**	**100%**
257	Bulk Excavation to FL and Sub-base compaction to RL	30 d	Wed 4/03/20	Tue 7/04/20	100%
258	FRP Capping Beam to Southern Retaining	6 d	Wed 17/06/20	Tue 23/06/20	100%
259	**Education Building**	**47 d**	**Mon 20/04/20**	**Fri 19/06/20**	**100%**
260	Crushing & Create a Pile Platform 300kpa & 1:25 ramp	11 d	Mon 20/04/20	Mon 4/05/20	100%
261	FRP Capping Beam	6 d	Tue 12/05/20	Mon 18/05/20	100%
262	Bench Down and Create Platform for Anchoring	4 d	Tue 19/05/20	Fri 22/05/20	100%
263	Install 38# Ground Anchors (5# p/day)_SW corner	7 d	Sat 23/05/20	Sat 30/05/20	100%
264	Stressing of Anchors	2 d	Mon 1/06/20	Tue 2/06/20	100%
265	Shotcreting	4 d	Fri 29/05/20	Tue 2/06/20	100%
266	Bench Down to FL and Remove Piling Platform	2 d	Wed 3/06/20	Thu 4/06/20	100%
267	Create a Piling Platform 300kPa to Education Building	3 d	Wed 17/06/20	Fri 19/06/20	100%
268	**Stormwater & Hunter Water Works**	**32 d**	**Thu 4/06/20**	**Wed 15/07/20**	**100%**
269	Hunter Water Water Main Upgrade Works	25 d	Wed 17/06/20	Wed 15/07/20	100%
270	Excavate & Install 900mm Diameter Civil Pipe and Pits	20 d	Thu 4/06/20	Wed 1/07/20	100%
271	**PILING WORKS**	**73 d**	**Tue 5/05/20**	**Sat 1/08/20**	**100%**
272	**Residential Building**	**13 d**	**Thu 28/05/20**	**Tue 16/06/20**	**100%**
273	Install CFA Foundation Piles (45# 750 and 600mm dia	6 d	Thu 28/05/20	Wed 3/06/20	100%
274	Install CFA Piles to Southern Wall (20# 600mm dia)	3 d	Sat 13/06/20	Tue 16/06/20	100%
275	**Education Building**	**73 d**	**Tue 5/05/20**	**Sat 1/08/20**	**100%**
276	Install CFA Piles to SW Wall (37 # 600mm dia)	6 d	Tue 5/05/20	Mon 11/05/20	100%
277	Install CFA Foundation Piles (52# 600mm dia)	10 d	Wed 22/07/20	Sat 1/08/20	100%
278	**RETAINING WORKS**	**20 d**	**Wed 24/06/20**	**Thu 16/07/20**	**100%**
279	Blockwork on Capping Beam Footing	20 d	Wed 24/06/20	Thu 16/07/20	100%
280	**STRUCTURE WORKS**	**215 d**	**Tue 12/05/20**	**Fri 19/02/21**	**82%**
281	**RESIDENTIAL BUILDING (RB)**	**193 d**	**Tue 2/06/20**	**Mon 15/02/21**	**95%**
282	Pile Trimming	10 d	Tue 2/06/20	Wed 17/06/20	100%
283	FRP Footings, Pile Caps & Beams	10 d	Thu 18/06/20	Mon 29/06/20	100%
284	FRP Lift Pits	10 d	Thu 18/06/20	Mon 29/06/20	100%
285	FRP Crane Base	6 d	Thu 4/06/20	Mon 15/06/20	100%
286	In Ground Services	20 d	Thu 2/07/20	Fri 24/07/20	100%
287	**FRP Level 1 Slab On Ground**	**17 d**	**Thu 23/07/20**	**Tue 11/08/20**	**100%**
288	Formwork (edge boards & set downs)	5 d	Thu 23/07/20	Tue 28/07/20	100%
289	Lay Plastic & Blinding layer	2 d	Sat 25/07/20	Mon 27/07/20	100%
290	Bottom Reinforcement	3 d	Wed 29/07/20	Fri 31/07/20	100%
291	Top Reinforcement	2 d	Sat 1/08/20	Mon 3/08/20	100%
292	Engineers Inspection & Rectification Works	1 d	Tue 4/08/20	Tue 4/08/20	100%
293	Concrete Pour	1 d	Wed 5/08/20	Wed 5/08/20	100%
294	FRP Level 1- 2 Verticals	5 d	Thu 6/08/20	Tue 11/08/20	100%
295	**FRP Level 2 Suspended Slab**	**30 d**	**Thu 6/08/20**	**Wed 9/09/20**	**100%**
296	Formwork	12 d	Thu 6/08/20	Wed 19/08/20	100%
297	Bottom Reinforcement	3 d	Tue 18/08/20	Thu 20/08/20	100%
298	Post Tensioning	3 d	Fri 21/08/20	Mon 24/08/20	100%
299	Top Reinforcement	3 d	Tue 25/08/20	Thu 27/08/20	100%
300	Form Set Downs	2 d	Fri 28/08/20	Sat 29/08/20	100%
301	Engineers Inspection & Rectification Works	1 d	Fri 28/08/20	Fri 28/08/20	100%
302	Concrete Pour	1 d	Mon 31/08/20	Mon 31/08/20	100%
303	FRP Level 2-3 Verticals	8 d	Tue 1/09/20	Wed 9/09/20	100%
304	Initial PT Stress	1 d	Tue 1/09/20	Tue 1/09/20	100%
305	Final PT Stress	1 d	Fri 4/09/20	Fri 4/09/20	100%
306	**FRP Level 3 Suspended Slab**	**25 d**	**Wed 2/09/20**	**Wed 30/09/20**	**100%**
307	Formwork	8 d	Wed 2/09/20	Thu 10/09/20	100%
308	Bottom Reinforcement	3 d	Fri 11/09/20	Mon 14/09/20	100%
309	Post Tensioning	2 d	Tue 15/09/20	Wed 16/09/20	100%
310	Top Reinforcement	2 d	Thu 17/09/20	Fri 18/09/20	100%
311	Form Set Downs	1 d	Sat 19/09/20	Sat 19/09/20	100%
312	Engineers Inspection & Rectification Works	1 d	Sat 19/09/20	Sat 19/09/20	100%
313	Concrete Pour	1 d	Mon 21/09/20	Mon 21/09/20	100%
314	FRP Level 3-4 Verticals	8 d	Tue 22/09/20	Wed 30/09/20	100%
315	Initial PT Stress	1 d	Tue 22/09/20	Tue 22/09/20	100%
316	Final PT Stress	1 d	Sat 26/09/20	Sat 26/09/20	100%
317	**FRP Level 4 Suspended Slab**	**22 d**	**Wed 23/09/20**	**Wed 21/10/20**	**100%**
318	Formwork	8 d	Wed 23/09/20	Thu 1/10/20	100%
319	Bottom Reinforcement	3 d	Fri 2/10/20	Thu 8/10/20	100%

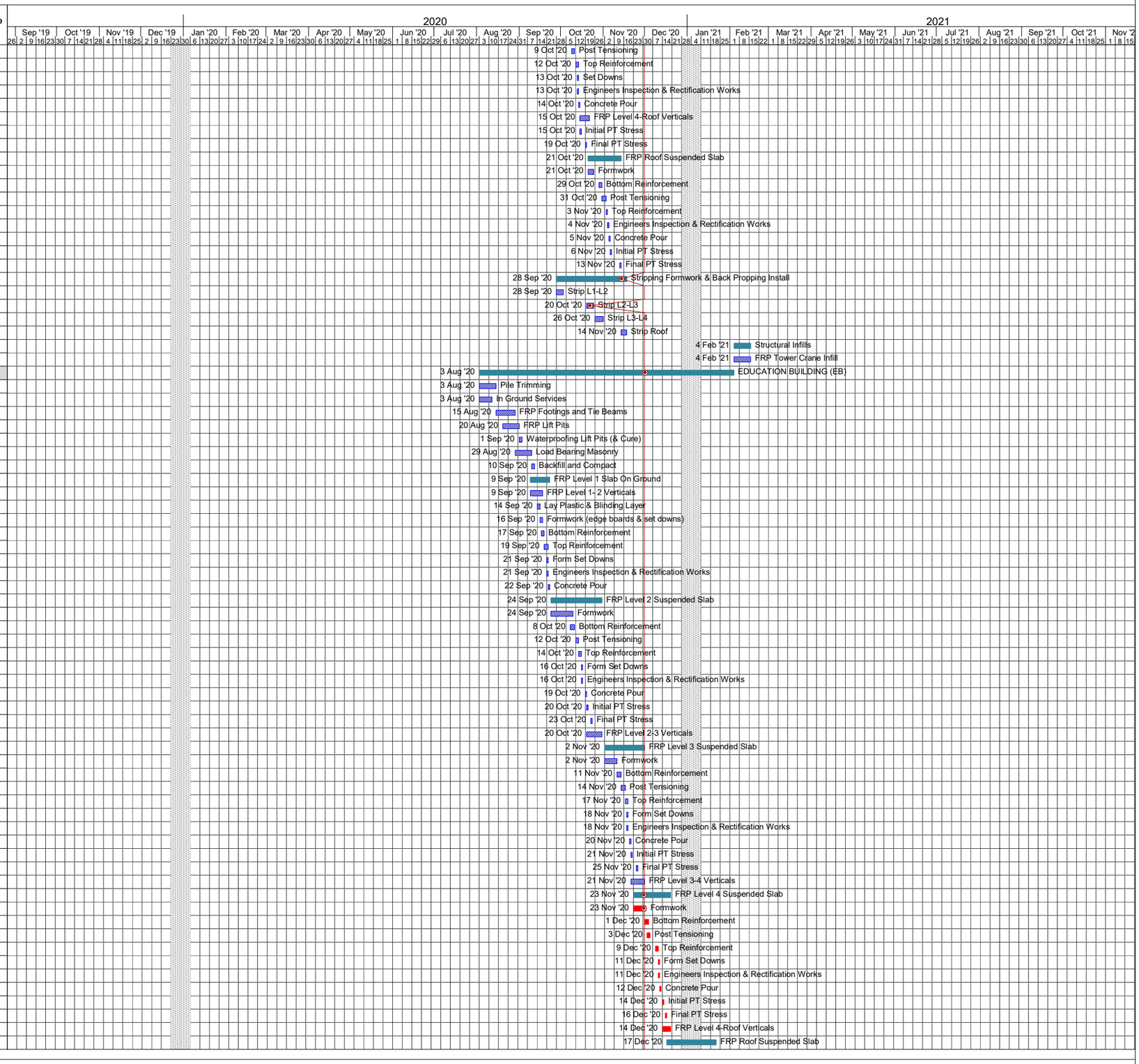


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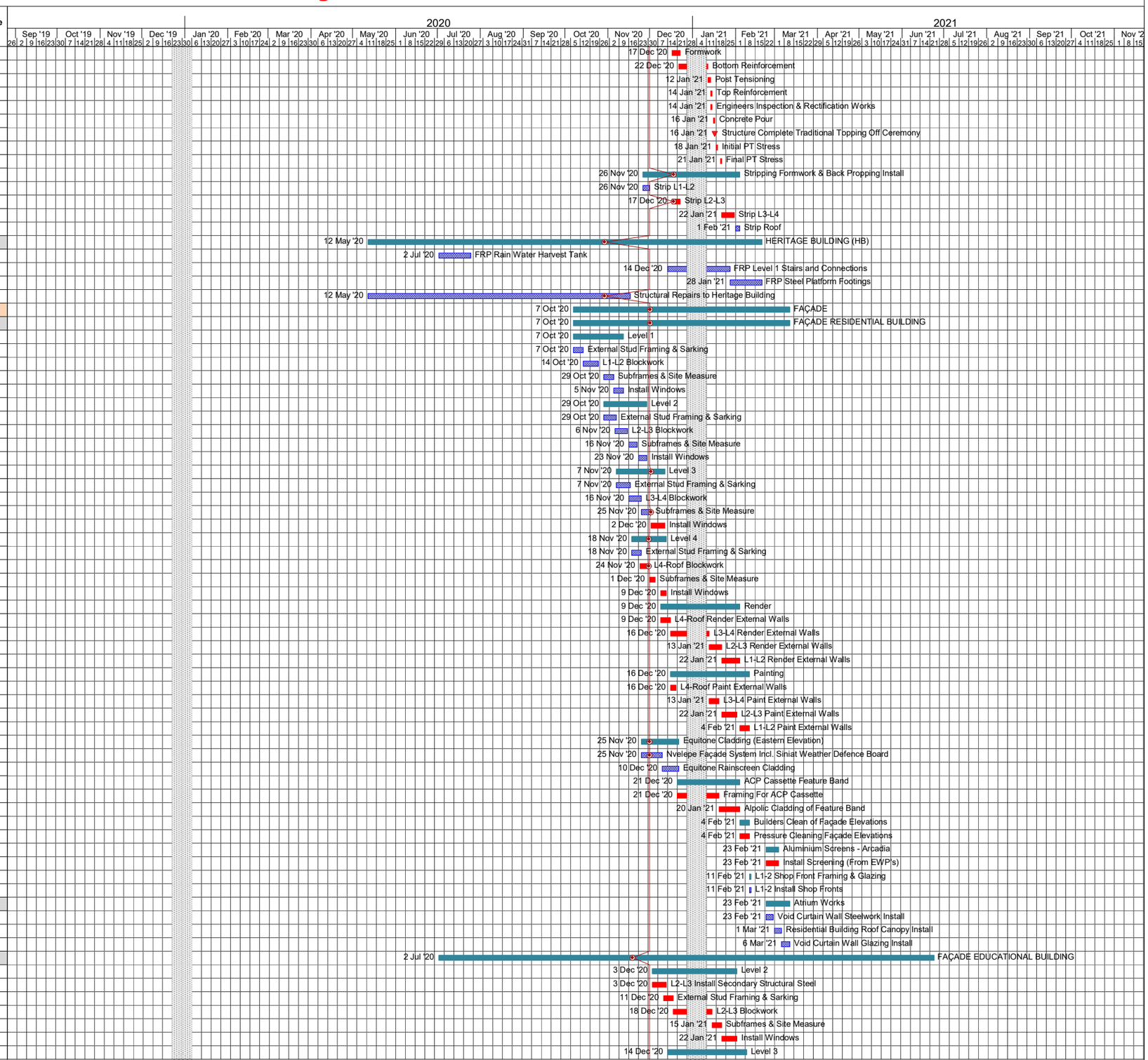
ID	Task Name	Dur	Start	Finish	% Complete
320	Post Tensioning	2 d	Fri 9/10/20	Sat 10/10/20	100%
321	Top Reinforcement	2 d	Mon 12/10/20	Tue 13/10/20	100%
322	Set Downs	1 d	Tue 13/10/20	Tue 13/10/20	100%
323	Engineers Inspection & Rectification Works	1 d	Tue 13/10/20	Tue 13/10/20	100%
324	Concrete Pour	1 d	Wed 14/10/20	Wed 14/10/20	100%
325	FRP Level 4-Roof Verticals	6 d	Thu 15/10/20	Wed 21/10/20	100%
326	Initial PT Stress	1 d	Thu 15/10/20	Thu 15/10/20	100%
327	Final PT Stress	1 d	Mon 19/10/20	Mon 19/10/20	100%
328	**FRP Roof Suspended Slab**	**21 d**	**Wed 21/10/20**	**Fri 13/11/20**	**100%**
329	Formwork	4 d	Wed 21/10/20	Sat 24/10/20	100%
330	Bottom Reinforcement	2 d	Thu 29/10/20	Fri 30/10/20	100%
331	Post Tensioning	2 d	Sat 31/10/20	Mon 2/11/20	100%
332	Top Reinforcement	1 d	Tue 3/11/20	Tue 3/11/20	100%
333	Engineers Inspection & Rectification Works	1 d	Wed 4/11/20	Wed 4/11/20	100%
334	Concrete Pour	1 d	Thu 5/11/20	Thu 5/11/20	100%
335	Initial PT Stress	1 d	Fri 6/11/20	Fri 6/11/20	100%
336	Final PT Stress	1 d	Fri 13/11/20	Fri 13/11/20	100%
337	**Stripping Formwork & Back Propping Install**	**41 d**	**Mon 28/09/20**	**Tue 17/11/20**	**100%**
338	Strip L1-L2	5 d	Mon 28/09/20	Fri 2/10/20	100%
339	Strip L2-L3	5 d	Tue 20/10/20	Sat 24/10/20	100%
340	Strip L3-L4	6 d	Mon 26/10/20	Sat 31/10/20	100%
341	Strip Roof	3 d	Sat 14/11/20	Tue 17/11/20	100%
342	**Structural Infills**	**10 d**	**Thu 4/02/21**	**Mon 15/02/21**	**0%**
343	FRP Tower Crane Infill	10 d	Thu 4/02/21	Mon 15/02/21	0%
344	**EDUCATION BUILDING (EB)**	**134 d**	**Mon 3/08/20**	**Wed 3/02/21**	**77%**
345	Pile Trimming	11 d	Mon 3/08/20	Fri 14/08/20	100%
346	In Ground Services	8 d	Mon 3/08/20	Tue 11/08/20	100%
347	FRP Footings and Tie Beams	12 d	Sat 15/08/20	Fri 28/08/20	100%
348	FRP Lift Pits	10 d	Thu 20/08/20	Mon 31/08/20	100%
349	Waterproofing Lift Pits (& Cure)	2 d	Tue 1/09/20	Wed 2/09/20	100%
350	Load Bearing Masonry	10 d	Sat 29/08/20	Wed 9/09/20	100%
351	Backfill and Compact	2 d	Thu 10/09/20	Fri 11/09/20	100%
352	**FRP Level 1 Slab On Ground**	**12 d**	**Wed 9/09/20**	**Tue 22/09/20**	**100%**
353	FRP Level 1- 2 Verticals	8 d	Wed 9/09/20	Thu 17/09/20	100%
354	Lay Plastic & Blinding Layer	2 d	Mon 14/09/20	Tue 15/09/20	100%
355	Formwork (edge boards & set downs)	2 d	Wed 16/09/20	Thu 17/09/20	100%
356	Bottom Reinforcement	2 d	Thu 17/09/20	Fri 18/09/20	100%
357	Top Reinforcement	2 d	Sat 19/09/20	Mon 21/09/20	100%
358	Form Set Downs	1 d	Mon 21/09/20	Mon 21/09/20	100%
359	Engineers Inspection & Rectification Works	1 d	Mon 21/09/20	Mon 21/09/20	100%
360	Concrete Pour	1 d	Tue 22/09/20	Tue 22/09/20	100%
361	**FRP Level 2 Suspended Slab**	**29 d**	**Thu 24/09/20**	**Fri 30/10/20**	**100%**
362	Formwork	11 d	Thu 24/09/20	Fri 9/10/20	100%
363	Bottom Reinforcement	3 d	Thu 8/10/20	Sat 10/10/20	100%
364	Post Tensioning	2 d	Mon 12/10/20	Tue 13/10/20	100%
365	Top Reinforcement	2 d	Wed 14/10/20	Thu 15/10/20	100%
366	Form Set Downs	1 d	Fri 16/10/20	Fri 16/10/20	100%
367	Engineers Inspection & Rectification Works	1 d	Fri 16/10/20	Fri 16/10/20	100%
368	Concrete Pour	1 d	Mon 19/10/20	Mon 19/10/20	100%
369	Initial PT Stress	1 d	Tue 20/10/20	Tue 20/10/20	100%
370	Final PT Stress	1 d	Fri 23/10/20	Fri 23/10/20	100%
371	FRP Level 2-3 Verticals	10 d	Tue 20/10/20	Fri 30/10/20	100%
372	**FRP Level 3 Suspended Slab**	**25 d**	**Mon 2/11/20**	**Mon 30/11/20**	**100%**
373	Formwork	8 d	Mon 2/11/20	Tue 10/11/20	100%
374	Bottom Reinforcement	3 d	Wed 11/11/20	Fri 13/11/20	100%
375	Post Tensioning	2 d	Sat 14/11/20	Mon 16/11/20	100%
376	Top Reinforcement	2 d	Tue 17/11/20	Wed 18/11/20	100%
377	Form Set Downs	1 d	Wed 18/11/20	Wed 18/11/20	100%
378	Engineers Inspection & Rectification Works	1 d	Wed 18/11/20	Wed 18/11/20	100%
379	Concrete Pour	1 d	Fri 20/11/20	Fri 20/11/20	100%
380	Initial PT Stress	1 d	Sat 21/11/20	Sat 21/11/20	100%
381	Final PT Stress	1 d	Wed 25/11/20	Wed 25/11/20	100%
382	FRP Level 3-4 Verticals	8 d	Sat 21/11/20	Mon 30/11/20	100%
383	**FRP Level 4 Suspended Slab**	**21 d**	**Mon 23/11/20**	**Sat 19/12/20**	**26%**
384	Formwork	8 d	Mon 23/11/20	Tue 1/12/20	85%
385	Bottom Reinforcement	3 d	Tue 1/12/20	Thu 3/12/20	0%
386	Post Tensioning	2 d	Thu 3/12/20	Fri 4/12/20	0%
387	Top Reinforcement	2 d	Wed 9/12/20	Thu 10/12/20	0%
388	Form Set Downs	1 d	Fri 11/12/20	Fri 11/12/20	0%
389	Engineers Inspection & Rectification Works	1 d	Fri 11/12/20	Fri 11/12/20	0%
390	Concrete Pour	1 d	Sat 12/12/20	Sat 12/12/20	0%
391	Initial PT Stress	1 d	Mon 14/12/20	Mon 14/12/20	0%
392	Final PT Stress	1 d	Wed 16/12/20	Wed 16/12/20	0%
393	FRP Level 4-Roof Verticals	6 d	Mon 14/12/20	Sat 19/12/20	0%
394	**FRP Roof Suspended Slab**	**15 d**	**Thu 17/12/20**	**Thu 21/01/21**	**0%**



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ID	Task Name	Dur	Start	Finish	% Complete
395	Formwork	5 d	Thu 17/12/20	Tue 22/12/20	0%
396	Bottom Reinforcement	2 d	Tue 22/12/20	Mon 11/01/21	0%
397	Post Tensioning	2 d	Tue 12/01/21	Wed 13/01/21	0%
398	Top Reinforcement	1 d	Thu 14/01/21	Thu 14/01/21	0%
399	Engineers Inspection & Rectification Works	1 d	Thu 14/01/21	Thu 14/01/21	0%
400	Concrete Pour	1 d	Sat 16/01/21	Sat 16/01/21	0%
401	*Structure Complete Traditional Topping Off Ceremony*	*0 d*	*Sat 16/01/21*	*Sat 16/01/21*	*0%*
402	Initial PT Stress	1 d	Mon 18/01/21	Mon 18/01/21	0%
403	Final PT Stress	1 d	Thu 21/01/21	Thu 21/01/21	0%
404	**Stripping Formwork & Back Propping Install**	**38 d**	**Thu 26/11/20**	**Wed 3/02/21**	**31%**
405	Strip L1-L2	4 d	Thu 26/11/20	Mon 30/11/20	100%
406	Strip L2-L3	5 d	Thu 17/12/20	Tue 22/12/20	25%
407	Strip L3-L4	5 d	Fri 22/01/21	Sat 30/01/21	0%
408	Strip Roof	3 d	Mon 1/02/21	Wed 3/02/21	0%
409	**HERITAGE BUILDING (HB)**	**215 d**	**Tue 12/05/20**	**Fri 19/02/21**	**74%**
410	FRP Rain Water Harvest Tank	20 d	Thu 2/07/20	Fri 24/07/20	100%
411	FRP Level 1 Stairs and Connections	20 d	Mon 14/12/20	Wed 27/01/21	0%
412	FRP Steel Platform Footings	20 d	Thu 28/01/21	Fri 19/02/21	0%
413	Structural Repairs to Heritage Building	155 d	Tue 12/05/20	Mon 16/11/20	90%
414	**FAÇADE**	**112 d**	**Wed 7/10/20**	**Thu 11/03/21**	**42%**
415	**FAÇADE RESIDENTIAL BUILDING**	**112 d**	**Wed 7/10/20**	**Thu 11/03/21**	**42%**
416	**Level 1**	**31 d**	**Wed 7/10/20**	**Wed 11/11/20**	**100%**
417	External Stud Framing & Sarking	6 d	Wed 7/10/20	Tue 13/10/20	100%
418	L1-L2 Blockwork	10 d	Wed 14/10/20	Sat 24/10/20	100%
419	Subframes & Site Measure	6 d	Thu 29/10/20	Wed 4/11/20	100%
420	Install Windows	6 d	Thu 5/11/20	Wed 11/11/20	100%
421	**Level 2**	**27 d**	**Thu 29/10/20**	**Sat 28/11/20**	**100%**
422	External Stud Framing & Sarking	8 d	Thu 29/10/20	Fri 6/11/20	100%
423	L2-L3 Blockwork	8 d	Fri 6/11/20	Sat 14/11/20	100%
424	Subframes & Site Measure	6 d	Mon 16/11/20	Sat 21/11/20	100%
425	Install Windows	6 d	Mon 23/11/20	Sat 28/11/20	100%
426	**Level 3**	**27 d**	**Sat 7/11/20**	**Fri 11/12/20**	**79%**
427	External Stud Framing & Sarking	8 d	Sat 7/11/20	Mon 16/11/20	100%
428	L3-L4 Blockwork	8 d	Mon 16/11/20	Tue 24/11/20	100%
429	Subframes & Site Measure	6 d	Wed 25/11/20	Tue 1/12/20	100%
430	Install Windows	6 d	Wed 2/12/20	Fri 11/12/20	0%
431	**Level 4**	**19 d**	**Wed 18/11/20**	**Sat 12/12/20**	**57%**
432	External Stud Framing & Sarking	6 d	Wed 18/11/20	Tue 24/11/20	100%
433	L4-Roof Blockwork	6 d	Tue 24/11/20	Mon 30/11/20	90%
434	Subframes & Site Measure	4 d	Tue 1/12/20	Fri 4/12/20	0%
435	Install Windows	4 d	Wed 9/12/20	Sat 12/12/20	0%
436	**Render**	**30 d**	**Wed 9/12/20**	**Wed 3/02/21**	**0%**
437	L4-Roof Render External Walls	6 d	Wed 9/12/20	Tue 15/12/20	0%
438	L3-L4 Render External Walls	8 d	Wed 16/12/20	Tue 12/01/21	0%
439	L2-L3 Render External Walls	8 d	Wed 13/01/21	Thu 21/01/21	0%
440	L1-L2 Render External Walls	8 d	Fri 22/01/21	Wed 3/02/21	0%
441	**Painting**	**30 d**	**Wed 16/12/20**	**Wed 10/02/21**	**0%**
442	L4-Roof Paint External Walls	4 d	Wed 16/12/20	Sat 19/12/20	0%
443	L3-L4 Paint External Walls	6 d	Wed 13/01/21	Tue 19/01/21	0%
444	L2-L3 Paint External Walls	6 d	Fri 22/01/21	Mon 1/02/21	0%
445	L1-L2 Paint External Walls	6 d	Thu 4/02/21	Wed 10/02/21	0%
446	**Equitone Cladding (Eastern Elevation)**	**20 d**	**Wed 25/11/20**	**Mon 21/12/20**	**25%**
447	Nvelepe Façade System Incl. Siniat Weather Defence	10 d	Wed 25/11/20	Wed 9/12/20	50%
448	Equitone Rainscreen Cladding	10 d	Thu 10/12/20	Mon 21/12/20	0%
449	**ACP Cassette Feature Band**	**20 d**	**Mon 21/12/20**	**Wed 3/02/21**	**0%**
450	Framing For ACP Cassette	10 d	Mon 21/12/20	Tue 19/01/21	0%
451	Alpolic Cladding of Feature Band	10 d	Wed 20/01/21	Wed 3/02/21	0%
452	**Builders Clean of Façade Elevations**	**6 d**	**Thu 4/02/21**	**Wed 10/02/21**	**0%**
453	Pressure Cleaning Façade Elevations	6 d	Thu 4/02/21	Wed 10/02/21	0%
454	**Aluminium Screens - Arcadia**	**8 d**	**Tue 23/02/21**	**Wed 3/03/21**	**0%**
455	Install Screening (From EWP's)	8 d	Tue 23/02/21	Wed 3/03/21	0%
456	**L1-2 Shop Front Framing & Glazing**	**1 d**	**Thu 11/02/21**	**Thu 11/02/21**	**0%**
457	L1-2 Install Shop Fronts	1 d	Thu 11/02/21	Thu 11/02/21	0%
458	**Atrium Works**	**15 d**	**Tue 23/02/21**	**Thu 11/03/21**	**0%**
459	Void Curtain Wall Steelwork Install	5 d	Tue 23/02/21	Sat 27/02/21	0%
460	Residential Building Roof Canopy Install	5 d	Mon 1/03/21	Fri 5/03/21	0%
461	Void Curtain Wall Glazing Install	5 d	Sat 6/03/21	Thu 11/03/21	0%
462	**FAÇADE EDUCATIONAL BUILDING**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**25%**
463	**Level 2**	**30 d**	**Thu 3/12/20**	**Mon 1/02/21**	**0%**
464	L2-L3 Install Secondary Structural Steel	6 d	Thu 3/12/20	Sat 12/12/20	0%
465	External Stud Framing & Sarking	6 d	Fri 11/12/20	Thu 17/12/20	0%
466	L2-L3 Blockwork	8 d	Fri 18/12/20	Thu 14/01/21	0%
467	Subframes & Site Measure	6 d	Fri 15/01/21	Thu 21/01/21	0%
468	Install Windows	6 d	Fri 22/01/21	Mon 1/02/21	0%
469	**Level 3**	**30 d**	**Mon 14/12/20**	**Mon 8/02/21**	**0%**

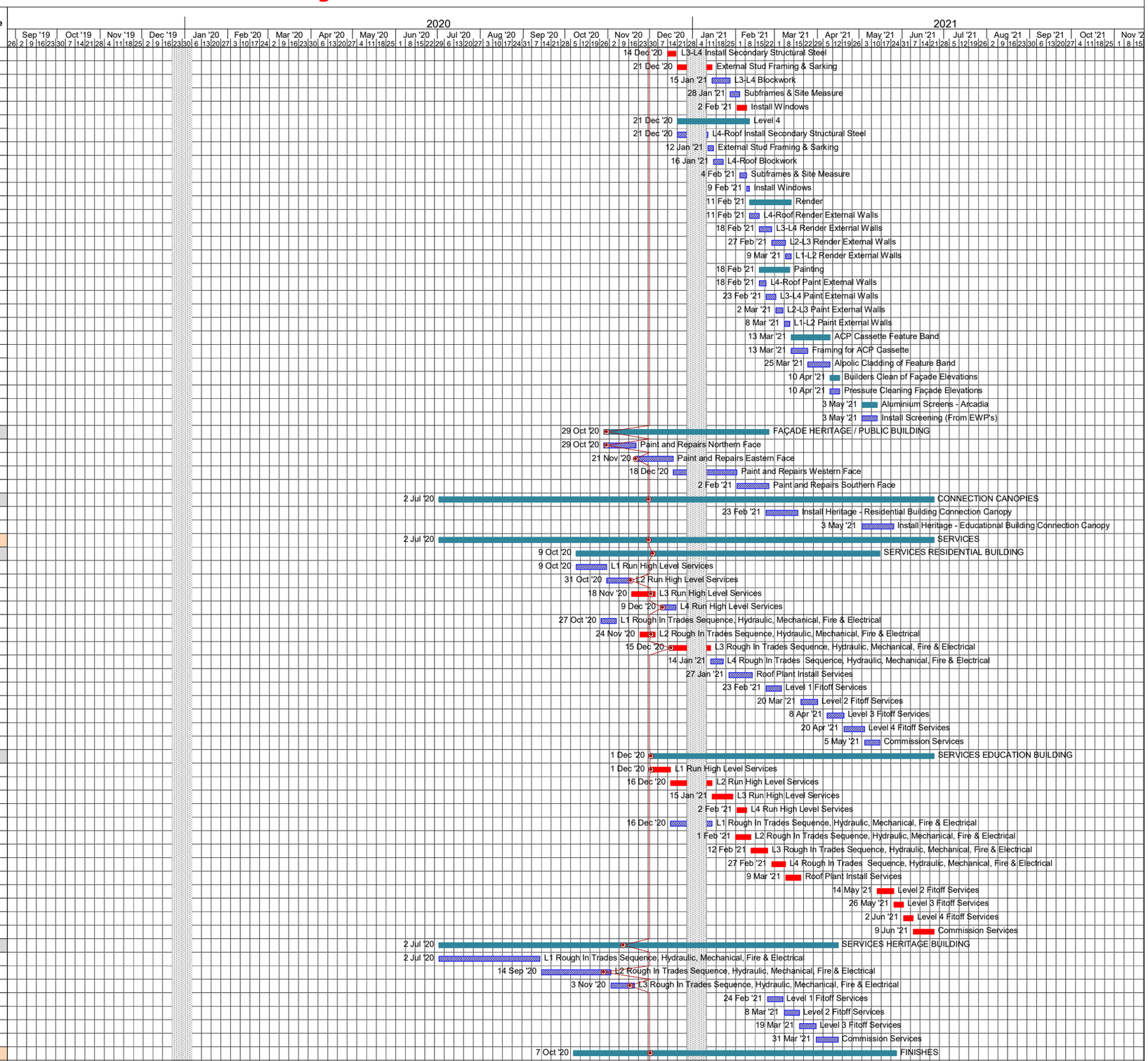


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ID	Task Name	Dur	Start	Finish	% Complete
470	L3-L4 Install Secondary Structural Steel	6 d	Mon 14/12/20	Sat 19/12/20	0%
471	External Stud Framing & Sarking	6 d	Mon 21/12/20	Thu 14/01/21	0%
472	L3-L4 Blockwork	8 d	Fri 15/01/21	Wed 27/01/21	0%
473	Subframes & Site Measure	6 d	Thu 28/01/21	Wed 3/02/21	0%
474	Install Windows	6 d	Tue 2/02/21	Mon 8/02/21	0%
475	**Level 4**	**26 d**	**Mon 21/12/20**	**Wed 10/02/21**	**0%**
476	L4-Roof Install Secondary Structural Steel	3 d	Mon 21/12/20	Mon 11/01/21	0%
477	External Stud Framing & Sarking	4 d	Tue 12/01/21	Fri 15/01/21	0%
478	L4-Roof Blockwork	6 d	Sat 16/01/21	Fri 22/01/21	0%
479	Subframes & Site Measure	4 d	Thu 4/02/21	Mon 8/02/21	0%
480	Install Windows	2 d	Tue 9/02/21	Wed 10/02/21	0%
481	**Render**	**26 d**	**Thu 11/02/21**	**Fri 12/03/21**	**0%**
482	L4-Roof Render External Walls	6 d	Thu 11/02/21	Wed 17/02/21	0%
483	L3-L4 Render External Walls	8 d	Thu 18/02/21	Fri 26/02/21	0%
484	L2-L3 Render External Walls	8 d	Sat 27/02/21	Mon 8/03/21	0%
485	L1-L2 Render External Walls	4 d	Tue 9/03/21	Fri 12/03/21	0%
486	**Painting**	**19 d**	**Thu 18/02/21**	**Thu 11/03/21**	**0%**
487	L4-Roof Paint External Walls	4 d	Thu 18/02/21	Mon 22/02/21	0%
488	L3-L4 Paint External Walls	6 d	Tue 23/02/21	Mon 1/03/21	0%
489	L2-L3 Paint External Walls	5 d	Tue 2/03/21	Sat 6/03/21	0%
490	L1-L2 Paint External Walls	4 d	Mon 8/03/21	Thu 11/03/21	0%
491	**ACP Cassette Feature Band**	**20 d**	**Sat 13/03/21**	**Fri 9/04/21**	**0%**
492	Framing for ACP Cassette	10 d	Sat 13/03/21	Wed 24/03/21	0%
493	Alpolic Cladding of Feature Band	10 d	Thu 25/03/21	Fri 9/04/21	0%
494	**Builders Clean of Façade Elevations**	**6 d**	**Sat 10/04/21**	**Fri 16/04/21**	**0%**
495	Pressure Cleaning Façade Elevations	6 d	Sat 10/04/21	Fri 16/04/21	0%
496	**Aluminium Screens - Arcadia**	**10 d**	**Mon 3/05/21**	**Thu 13/05/21**	**0%**
497	Install Screening (From EWP's)	10 d	Mon 3/05/21	Thu 13/05/21	0%
498	**FAÇADE HERITAGE / PUBLIC BUILDING**	**80 d**	**Thu 29/10/20**	**Wed 24/02/21**	**3%**
499	Paint and Repairs Northern Face	20 d	Thu 29/10/20	Fri 20/11/20	10%
500	Paint and Repairs Eastern Face	20 d	Sat 21/11/20	Thu 17/12/20	0%
501	Paint and Repairs Western Face	20 d	Fri 18/12/20	Mon 1/02/21	0%
502	Paint and Repairs Southern Face	20 d	Tue 2/02/21	Wed 24/02/21	0%
503	**CONNECTION CANOPIES**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**38%**
504	Install Heritage - Residential Building Connection Canopy	20 d	Tue 23/02/21	Wed 17/03/21	0%
505	Install Heritage - Educational Building Connection Canopy	20 d	Mon 3/05/21	Tue 25/05/21	0%
506	**SERVICES**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**41%**
507	**SERVICES RESIDENTIAL BUILDING**	**159 d**	**Fri 9/10/20**	**Sat 15/05/21**	**42%**
508	L1 Run High Level Services	19 d	Fri 9/10/20	Fri 30/10/20	100%
509	L2 Run High Level Services	15 d	Sat 31/10/20	Tue 17/11/20	95%
510	L3 Run High Level Services	15 d	Wed 18/11/20	Fri 4/12/20	80%
511	L4 Run High Level Services	10 d	Wed 9/12/20	Sat 19/12/20	15%
512	L1 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Tue 27/10/20	Fri 6/11/20	100%
513	L2 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Tue 24/11/20	Fri 4/12/20	70%
514	L3 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Tue 15/12/20	Wed 13/01/21	35%
515	L4 Rough In Trades Sequence, Hydraulic, Mechar	8 d	Thu 14/01/21	Fri 22/01/21	0%
516	Roof Plant Install Services	15 d	Wed 27/01/21	Fri 12/02/21	0%
517	Level 1 Fitoff Services	10 d	Tue 23/02/21	Fri 5/03/21	0%
518	Level 2 Fitoff Services	10 d	Sat 20/03/21	Wed 31/03/21	0%
519	Level 3 Fitoff Services	10 d	Thu 8/04/21	Mon 19/04/21	0%
520	Level 4 Fitoff Services	10 d	Tue 20/04/21	Tue 4/05/21	0%
521	Commission Services	10 d	Wed 5/05/21	Sat 15/05/21	0%
522	**SERVICES EDUCATION BUILDING**	**144 d**	**Tue 1/12/20**	**Wed 23/06/21**	**1%**
523	L1 Run High Level Services	10 d	Tue 1/12/20	Tue 15/12/20	10%
524	L2 Run High Level Services	10 d	Wed 16/12/20	Thu 14/01/21	0%
525	L3 Run High Level Services	10 d	Fri 15/01/21	Fri 29/01/21	0%
526	L4 Run High Level Services	6 d	Tue 2/02/21	Mon 8/02/21	0%
527	L1 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Wed 16/12/20	Thu 14/01/21	0%
528	L2 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Mon 1/02/21	Thu 11/02/21	0%
529	L3 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Fri 12/02/21	Tue 23/02/21	0%
530	L4 Rough In Trades Sequence, Hydraulic, Mechar	8 d	Sat 27/02/21	Mon 8/03/21	0%
531	Roof Plant Install Services	10 d	Tue 9/03/21	Fri 19/03/21	0%
532	Level 2 Fitoff Services	10 d	Fri 14/05/21	Tue 25/05/21	0%
533	Level 3 Fitoff Services	6 d	Wed 26/05/21	Tue 1/06/21	0%
534	Level 4 Fitoff Services	6 d	Wed 2/06/21	Tue 8/06/21	0%
535	Commission Services	10 d	Wed 9/06/21	Wed 23/06/21	0%
536	**SERVICES HERITAGE BUILDING**	**218 d**	**Thu 2/07/20**	**Thu 15/04/21**	**70%**
537	L1 Rough In Trades Sequence, Hydraulic, Mechan	63 d	Thu 2/07/20	Sat 12/09/20	100%
538	L2 Rough In Trades Sequence, Hydraulic, Mechan	40 d	Mon 14/09/20	Mon 2/11/20	90%
539	L3 Rough In Trades Sequence, Hydraulic, Mechan	15 d	Tue 3/11/20	Thu 19/11/20	80%
540	Level 1 Fitoff Services	10 d	Wed 24/02/21	Sat 6/03/21	0%
541	Level 2 Fitoff Services	10 d	Mon 8/03/21	Thu 18/03/21	0%
542	Level 3 Fitoff Services	10 d	Fri 19/03/21	Tue 30/03/21	0%
543	Commission Services	10 d	Wed 31/03/21	Thu 15/04/21	0%
544	**FINISHES**	**171 d**	**Wed 7/10/20**	**Thu 27/05/21**	**9%**

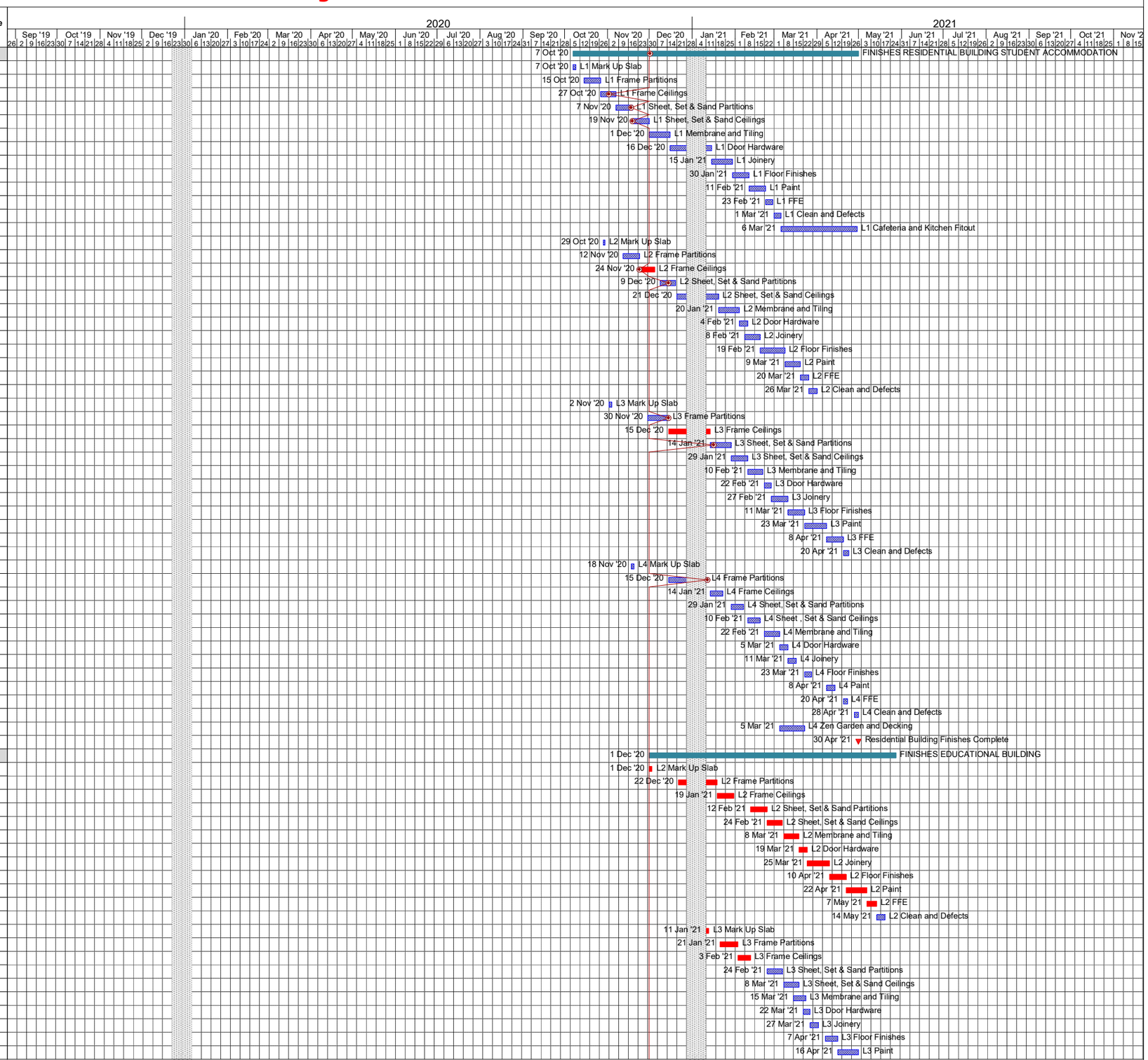


Critical Task | Non-critical | Milestone | Project Summary | Summary

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
545	**FINISHES RESIDENTIAL BUILDING STUDENT ACC**	**148 d**	**Wed 7/10/20**	**Fri 30/04/21**	**16%**
546	L1 Mark Up Slab	2 d	Wed 7/10/20	Thu 8/10/20	100%
547	L1 Frame Partitions	10 d	Thu 15/10/20	Mon 26/10/20	100%
548	L1 Frame Ceilings	10 d	Tue 27/10/20	Fri 6/11/20	50%
549	L1 Sheet, Set & Sand Partitions	10 d	Sat 7/11/20	Wed 18/11/20	90%
550	L1 Sheet, Set & Sand Ceilings	10 d	Thu 19/11/20	Mon 30/11/20	0%
551	L1 Membrane and Tiling	10 d	Tue 1/12/20	Tue 15/12/20	0%
552	L1 Door Hardware	10 d	Wed 16/12/20	Thu 14/01/21	0%
553	L1 Joinery	10 d	Fri 15/01/21	Fri 29/01/21	0%
554	L1 Floor Finishes	10 d	Sat 30/01/21	Wed 10/02/21	0%
555	L1 Paint	10 d	Thu 11/02/21	Mon 22/02/21	0%
556	L1 FFE	5 d	Tue 23/02/21	Sat 27/02/21	0%
557	L1 Clean and Defects	5 d	Mon 1/03/21	Fri 5/03/21	0%
558	L1 Cafeteria and Kitchen Fitout	40 d	Sat 6/03/21	Thu 29/04/21	0%
559	L2 Mark Up Slab	1 d	Thu 29/10/20	Thu 29/10/20	100%
560	L2 Frame Partitions	10 d	Thu 12/11/20	Mon 23/11/20	100%
561	L2 Frame Ceilings	10 d	Tue 24/11/20	Fri 4/12/20	0%
562	L2 Sheet, Set & Sand Partitions	10 d	Wed 9/12/20	Sat 19/12/20	50%
563	L2 Sheet, Set & Sand Ceilings	10 d	Mon 21/12/20	Tue 19/01/21	0%
564	L2 Membrane and Tiling	10 d	Wed 20/01/21	Wed 3/02/21	0%
565	L2 Door Hardware	5 d	Thu 4/02/21	Tue 9/02/21	0%
566	L2 Joinery	10 d	Mon 8/02/21	Thu 18/02/21	0%
567	L2 Floor Finishes	15 d	Fri 19/02/21	Mon 8/03/21	0%
568	L2 Paint	10 d	Tue 9/03/21	Fri 19/03/21	0%
569	L2 FFE	5 d	Sat 20/03/21	Thu 25/03/21	0%
570	L2 Clean and Defects	5 d	Fri 26/03/21	Wed 31/03/21	0%
571	L3 Mark Up Slab	2 d	Mon 2/11/20	Tue 3/11/20	100%
572	L3 Frame Partitions	10 d	Mon 30/11/20	Mon 14/12/20	100%
573	L3 Frame Ceilings	10 d	Tue 15/12/20	Wed 13/01/21	0%
574	L3 Sheet, Set & Sand Partitions	10 d	Thu 14/01/21	Thu 28/01/21	25%
575	L3 Sheet, Set & Sand Ceilings	10 d	Fri 29/01/21	Tue 9/02/21	0%
576	L3 Membrane and Tiling	10 d	Wed 10/02/21	Sat 20/02/21	0%
577	L3 Door Hardware	5 d	Mon 22/02/21	Fri 26/02/21	0%
578	L3 Joinery	10 d	Sat 27/02/21	Wed 10/03/21	0%
579	L3 Floor Finishes	10 d	Thu 11/03/21	Mon 22/03/21	0%
580	L3 Paint	10 d	Tue 23/03/21	Wed 7/04/21	0%
581	L3 FFE	10 d	Thu 8/04/21	Mon 19/04/21	0%
582	L3 Clean and Defects	4 d	Tue 20/04/21	Fri 23/04/21	0%
583	L4 Mark Up Slab	2 d	Wed 18/11/20	Thu 19/11/20	100%
584	L4 Frame Partitions	8 d	Tue 15/12/20	Mon 11/01/21	100%
585	L4 Frame Ceilings	8 d	Thu 14/01/21	Fri 22/01/21	0%
586	L4 Sheet, Set & Sand Partitions	8 d	Fri 29/01/21	Sat 6/02/21	0%
587	L4 Sheet , Set & Sand Ceilings	8 d	Wed 10/02/21	Thu 18/02/21	0%
588	L4 Membrane and Tiling	10 d	Mon 22/02/21	Thu 4/03/21	0%
589	L4 Door Hardware	5 d	Fri 5/03/21	Wed 10/03/21	0%
590	L4 Joinery	5 d	Thu 11/03/21	Tue 16/03/21	0%
591	L4 Floor Finishes	5 d	Tue 23/03/21	Sat 27/03/21	0%
592	L4 Paint	5 d	Thu 8/04/21	Tue 13/04/21	0%
593	L4 FFE	3 d	Tue 20/04/21	Thu 22/04/21	0%
594	L4 Clean and Defects	3 d	Wed 28/04/21	Fri 30/04/21	0%
595	L4 Zen Garden and Decking	15 d	Fri 5/03/21	Mon 22/03/21	0%
596	*Residential Building Finishes Complete*	*0 d*	*Fri 30/04/21*	*Fri 30/04/21*	*0%*
597	**FINISHES EDUCATIONAL BUILDING**	**124 d**	**Tue 1/12/20**	**Thu 27/05/21**	**0%**
598	L2 Mark Up Slab	2 d	Tue 1/12/20	Wed 2/12/20	0%
599	L2 Frame Partitions	8 d	Tue 22/12/20	Mon 18/01/21	0%
600	L2 Frame Ceilings	8 d	Tue 19/01/21	Sat 30/01/21	0%
601	L2 Sheet, Set & Sand Partitions	10 d	Fri 12/02/21	Tue 23/02/21	0%
602	L2 Sheet, Set & Sand Ceilings	10 d	Wed 24/02/21	Sat 6/03/21	0%
603	L2 Membrane and Tiling	10 d	Mon 8/03/21	Thu 18/03/21	0%
604	L2 Door Hardware	5 d	Fri 19/03/21	Wed 24/03/21	0%
605	L2 Joinery	10 d	Thu 25/03/21	Fri 9/04/21	0%
606	L2 Floor Finishes	10 d	Sat 10/04/21	Wed 21/04/21	0%
607	L2 Paint	10 d	Thu 22/04/21	Thu 6/05/21	0%
608	L2 FFE	6 d	Fri 7/05/21	Thu 13/05/21	0%
609	L2 Clean and Defects	5 d	Fri 14/05/21	Wed 19/05/21	0%
610	L3 Mark Up Slab	2 d	Mon 11/01/21	Tue 12/01/21	0%
611	L3 Frame Partitions	8 d	Thu 21/01/21	Tue 2/02/21	0%
612	L3 Frame Ceilings	8 d	Wed 3/02/21	Thu 11/02/21	0%
613	L3 Sheet, Set & Sand Partitions	10 d	Wed 24/02/21	Sat 6/03/21	0%
614	L3 Sheet, Set & Sand Ceilings	10 d	Mon 8/03/21	Thu 18/03/21	0%
615	L3 Membrane and Tiling	8 d	Mon 15/03/21	Tue 23/03/21	0%
616	L3 Door Hardware	5 d	Mon 22/03/21	Fri 26/03/21	0%
617	L3 Joinery	5 d	Sat 27/03/21	Thu 1/04/21	0%
618	L3 Floor Finishes	8 d	Wed 7/04/21	Thu 15/04/21	0%
619	L3 Paint	10 d	Fri 16/04/21	Fri 30/04/21	0%

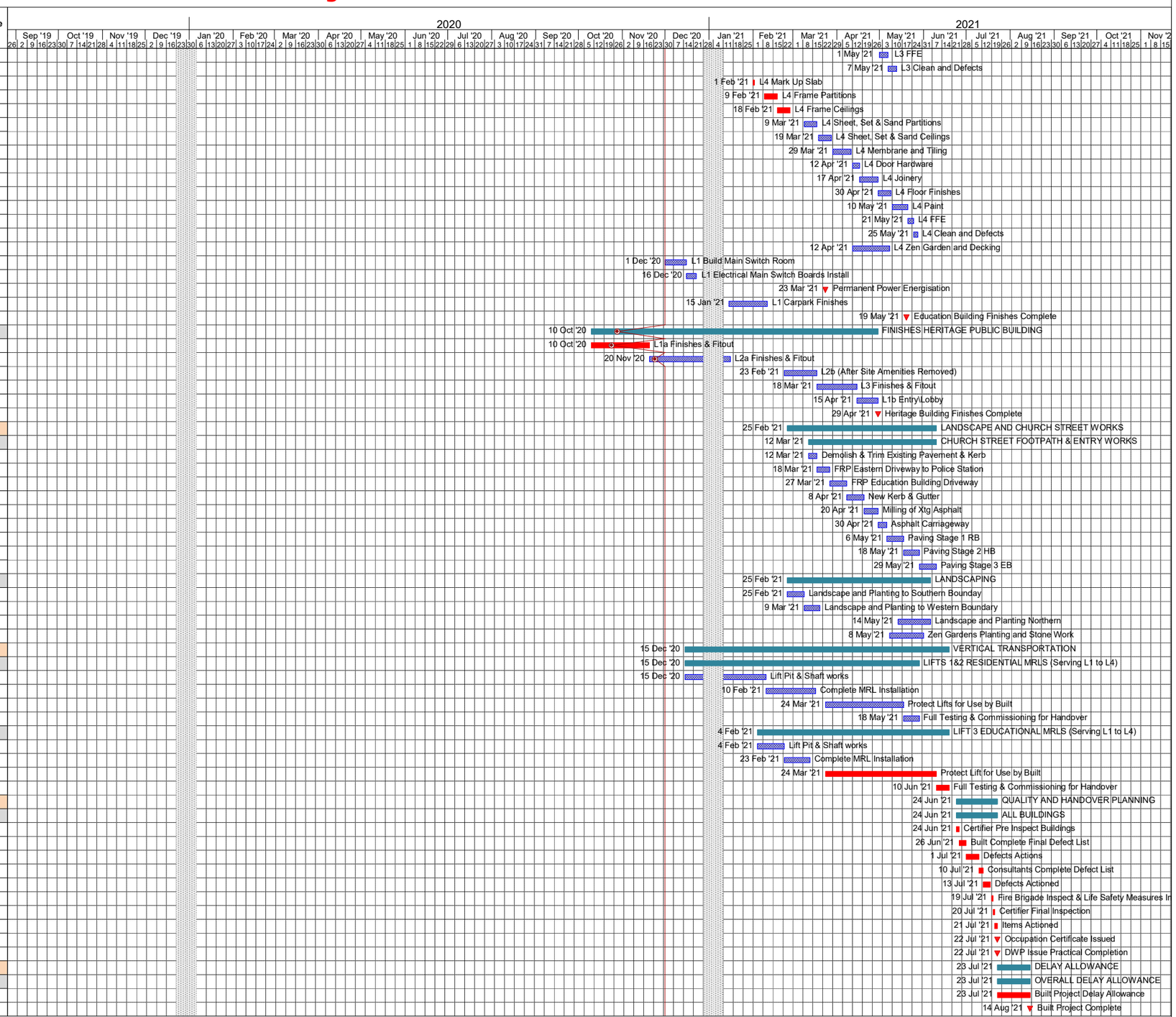


Critical Task — Non-critical — Milestone — Project Summary — Summary

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
620	L3 FFE	5 d	Sat 1/05/21	Thu 6/05/21	0%
621	L3 Clean and Defects	5 d	Fri 7/05/21	Wed 12/05/21	0%
622	L4 Mark Up Slab	1 d	Mon 1/02/21	Mon 1/02/21	0%
623	L4 Frame Partitions	8 d	Tue 9/02/21	Wed 17/02/21	0%
624	L4 Frame Ceilings	8 d	Thu 18/02/21	Fri 26/02/21	0%
625	L4 Sheet, Set & Sand Partitions	8 d	Tue 9/03/21	Wed 17/03/21	0%
626	L4 Sheet, Set & Sand Ceilings	8 d	Fri 19/03/21	Sat 27/03/21	0%
627	L4 Membrane and Tiling	8 d	Mon 29/03/21	Sat 10/04/21	0%
628	L4 Door Hardware	5 d	Mon 12/04/21	Fri 16/04/21	0%
629	L4 Joinery	8 d	Sat 17/04/21	Thu 29/04/21	0%
630	L4 Floor Finishes	8 d	Fri 30/04/21	Sat 8/05/21	0%
631	L4 Paint	10 d	Mon 10/05/21	Thu 20/05/21	0%
632	L4 FFE	3 d	Fri 21/05/21	Mon 24/05/21	0%
633	L4 Clean and Defects	3 d	Tue 25/05/21	Thu 27/05/21	0%
634	L4 Zen Garden and Decking	20 d	Mon 12/04/21	Fri 7/05/21	0%
635	L1 Build Main Switch Room	10 d	Tue 1/12/20	Tue 15/12/20	0%
636	L1 Electrical Main Switch Boards Install	6 d	Wed 16/12/20	Tue 22/12/20	0%
637	*Permanent Power Energisation*	*0 d*	*Tue 23/03/21*	*Tue 23/03/21*	*0%*
638	L1 Carpark Finishes	20 d	Fri 15/01/21	Wed 10/02/21	0%
639	*Education Building Finishes Complete*	*0 d*	*Wed 19/05/21*	*Wed 19/05/21*	*0%*
640	**FINISHES HERITAGE PUBLIC BUILDING**	**144 d**	**Sat 10/10/20**	**Thu 29/04/21**	**13%**
641	L1a Finishes & Fitout	35 d	Sat 10/10/20	Thu 19/11/20	35%
642	L2a Finishes & Fitout	30 d	Fri 20/11/20	Fri 15/01/21	10%
643	L2b (After Site Amenities Removed)	20 d	Tue 23/02/21	Wed 17/03/21	0%
644	L3 Finishes & Fitout	20 d	Thu 18/03/21	Wed 14/04/21	0%
645	L1b Entry\Lobby	10 d	Thu 15/04/21	Thu 29/04/21	0%
646	*Heritage Building Finishes Complete*	*0 d*	*Thu 29/04/21*	*Thu 29/04/21*	*0%*
647	**LANDSCAPE AND CHURCH STREET WORKS**	**83 d**	**Thu 25/02/21**	**Wed 9/06/21**	**0%**
648	**CHURCH STREET FOOTPATH & ENTRY WORKS**	**70 d**	**Fri 12/03/21**	**Wed 9/06/21**	**0%**
649	Demolish & Trim Existing Pavement & Kerb	5 d	Fri 12/03/21	Wed 17/03/21	0%
650	FRP Eastern Driveway to Police Station	8 d	Thu 18/03/21	Fri 26/03/21	0%
651	FRP Education Building Driveway	6 d	Sat 27/03/21	Wed 7/04/21	0%
652	New Kerb & Gutter	10 d	Thu 8/04/21	Mon 19/04/21	0%
653	Milling of Xtg Asphalt	6 d	Tue 20/04/21	Thu 29/04/21	0%
654	Asphalt Carriageway	5 d	Fri 30/04/21	Wed 5/05/21	0%
655	Paving Stage 1 RB	10 d	Thu 6/05/21	Mon 17/05/21	0%
656	Paving Stage 2 HB	10 d	Tue 18/05/21	Fri 28/05/21	0%
657	Paving Stage 3 EB	10 d	Sat 29/05/21	Wed 9/06/21	0%
658	**LANDSCAPING**	**80 d**	**Thu 25/02/21**	**Sat 5/06/21**	**0%**
659	Landscape and Planting to Southern Bounday	10 d	Thu 25/02/21	Mon 8/03/21	0%
660	Landscape and Planting to Western Boundary	10 d	Tue 9/03/21	Fri 19/03/21	0%
661	Landscape and Planting Northern	20 d	Fri 14/05/21	Sat 5/06/21	0%
662	Zen Gardens Planting and Stone Work	20 d	Sat 8/05/21	Mon 31/05/21	0%
663	**VERTICAL TRANSPORTATION**	**131 d**	**Tue 15/12/20**	**Fri 18/06/21**	**0%**
664	**LIFTS 1&2 RESIDENTIAL MRLS (Serving L1 to L4)**	**116 d**	**Tue 15/12/20**	**Fri 28/05/21**	**0%**
665	Lift Pit & Shaft works	30 d	Tue 15/12/20	Tue 9/02/21	0%
666	Complete MRL Installation	30 d	Wed 10/02/21	Tue 16/03/21	0%
667	Protect Lifts for Use by Built	40 d	Wed 24/03/21	Mon 17/05/21	0%
668	Full Testing & Commissioning for Handover	10 d	Tue 18/05/21	Fri 28/05/21	0%
669	**LIFT 3 EDUCATIONAL MRLS (Serving L1 to L4)**	**106 d**	**Thu 4/02/21**	**Fri 18/06/21**	**0%**
670	Lift Pit & Shaft works	16 d	Thu 4/02/21	Mon 22/02/21	0%
671	Complete MRL Installation	16 d	Tue 23/02/21	Fri 12/03/21	0%
672	Protect Lift for Use by Built	60 d	Wed 24/03/21	Wed 9/06/21	0%
673	Full Testing & Commissioning for Handover	5 d	Thu 10/06/21	Fri 18/06/21	0%
674	**QUALITY AND HANDOVER PLANNING**	**25 d**	**Thu 24/06/21**	**Thu 22/07/21**	**0%**
675	**ALL BUILDINGS**	**25 d**	**Thu 24/06/21**	**Thu 22/07/21**	**0%**
676	Certifier Pre Inspect Buildings	2 d	Thu 24/06/21	Fri 25/06/21	0%
677	Built Complete Final Defect List	4 d	Sat 26/06/21	Wed 30/06/21	0%
678	Defects Actions	8 d	Thu 1/07/21	Fri 9/07/21	0%
679	Consultants Complete Defect List	2 d	Sat 10/07/21	Mon 12/07/21	0%
680	Defects Actioned	5 d	Tue 13/07/21	Sat 17/07/21	0%
681	Fire Brigade Inspect & Life Safety Measures In Place	1 d	Mon 19/07/21	Mon 19/07/21	0%
682	Certifier Final Inspection	1 d	Tue 20/07/21	Tue 20/07/21	0%
683	Items Actioned	2 d	Wed 21/07/21	Thu 22/07/21	0%
684	*Occupation Certificate Issued*	*0 d*	*Thu 22/07/21*	*Thu 22/07/21*	*0%*
685	*DWP Issue Practical Completion*	*0 d*	*Thu 22/07/21*	*Thu 22/07/21*	*0%*
686	**DELAY ALLOWANCE**	**20 d**	**Fri 23/07/21**	**Sat 14/08/21**	**0%**
687	**OVERALL DELAY ALLOWANCE**	**20 d**	**Fri 23/07/21**	**Sat 14/08/21**	**0%**
688	Built Project Delay Allowance	20 d	Fri 23/07/21	Sat 14/08/21	0%
689	*Built Project Complete*	*0 d*	*Sat 14/08/21*	*Sat 14/08/21*	*0%*



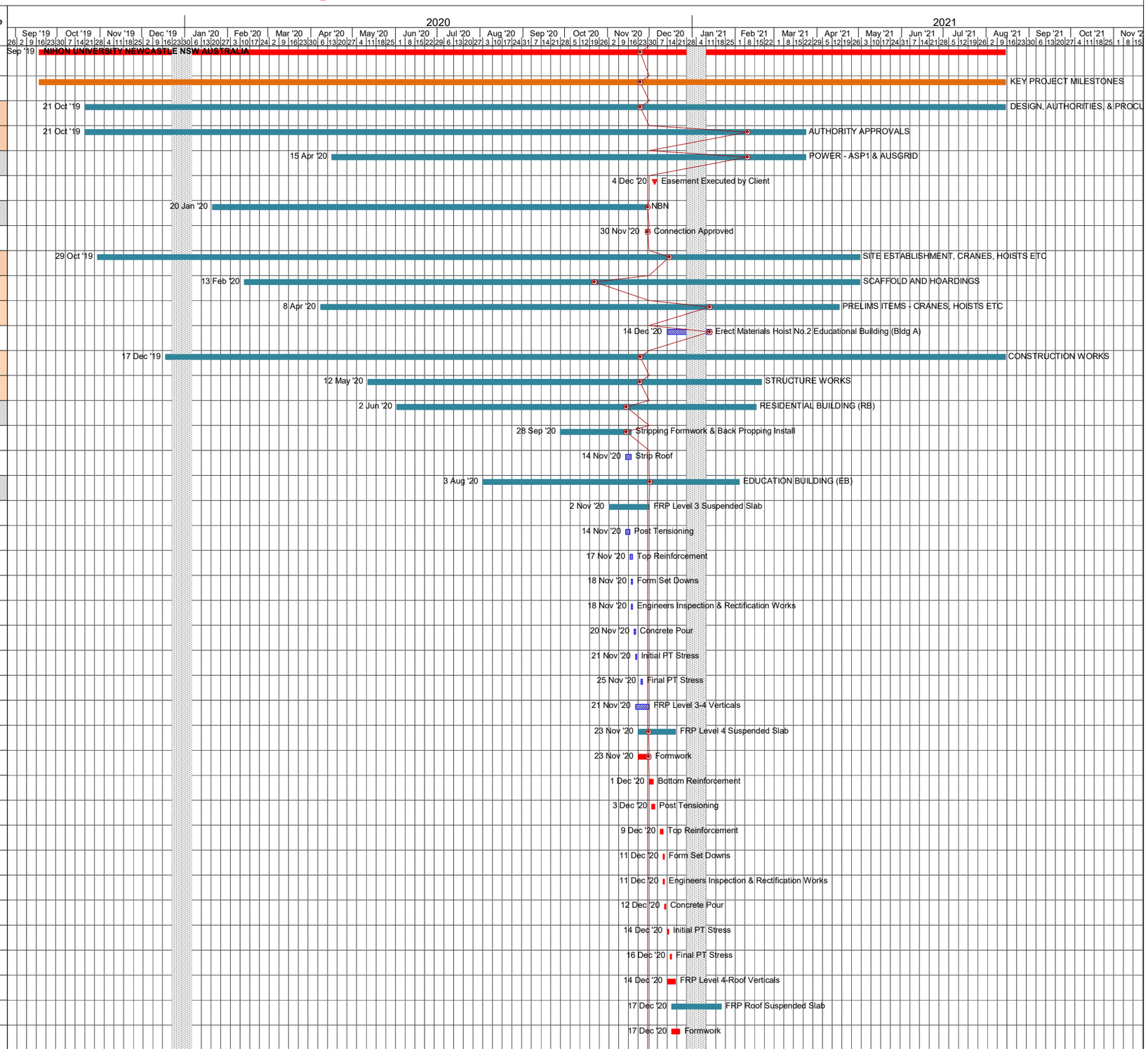
Critical Task | Non-critical | Milestone | Project Summary | Summary

Appendix E – Four Week Programme

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
0	**NIHON UNIVERSITY NEWCASTLE NSW AUSTRALIA**	**529 d**	**Wed 18/09/19**	**Sat 14/08/21**	**59%**
1	**KEY PROJECT MILESTONES**	**522 d**	**Wed 18/09/19**	**Sat 14/08/21**	**59%**
35	**DESIGN, AUTHORITIES, & PROCUREMENT**	**504 d**	**Mon 21/10/19**	**Sat 14/08/21**	**58%**
51	**AUTHORITY APPROVALS**	**390 d**	**Mon 21/10/19**	**Tue 23/03/21**	**99%**
62	**POWER - ASP1 & AUSGRID**	**262 d**	**Wed 15/04/20**	**Tue 23/03/21**	**89%**
65	*Easement Executed by Client*	*0 d*	*Fri 4/12/20*	*Fri 4/12/20*	*0%*
86	**NBN**	**253 d**	**Mon 20/01/20**	**Mon 30/11/20**	**99%**
89	*Connection Approved*	*0 d*	*Mon 30/11/20*	*Mon 30/11/20*	*0%*
193	**SITE ESTABLISHMENT, CRANES, HOISTS ETC**	**409 d**	**Tue 29/10/19**	**Sat 1/05/21**	**76%**
205	**SCAFFOLD AND HOARDINGS**	**339 d**	**Thu 13/02/20**	**Sat 1/05/21**	**64%**
216	**PRELIMS ITEMS - CRANES, HOISTS ETC**	**282 d**	**Wed 8/04/20**	**Sat 17/04/21**	**55%**
222	Erect Materials Hoist No.2 Educational Building (Bldg A)	12 d	Mon 14/12/20	Thu 14/01/21	90%
225	**CONSTRUCTION WORKS**	**458 d**	**Tue 17/12/19**	**Sat 14/08/21**	**39%**
280	**STRUCTURE WORKS**	**215 d**	**Tue 12/05/20**	**Fri 19/02/21**	**82%**
281	**RESIDENTIAL BUILDING (RB)**	**193 d**	**Tue 2/06/20**	**Mon 15/02/21**	**95%**
337	**Stripping Formwork & Back Propping Install**	**41 d**	**Mon 28/09/20**	**Tue 17/11/20**	**100%**
341	Strip Roof	3 d	Sat 14/11/20	Tue 17/11/20	100%
344	**EDUCATION BUILDING (EB)**	**134 d**	**Mon 3/08/20**	**Wed 3/02/21**	**77%**
372	**FRP Level 3 Suspended Slab**	**25 d**	**Mon 2/11/20**	**Mon 30/11/20**	**100%**
375	Post Tensioning	2 d	Sat 14/11/20	Mon 16/11/20	100%
376	Top Reinforcement	2 d	Tue 17/11/20	Wed 18/11/20	100%
377	Form Set Downs	1 d	Wed 18/11/20	Wed 18/11/20	100%
378	Engineers Inspection & Rectification Works	1 d	Wed 18/11/20	Wed 18/11/20	100%
379	Concrete Pour	1 d	Fri 20/11/20	Fri 20/11/20	100%
380	Initial PT Stress	1 d	Sat 21/11/20	Sat 21/11/20	100%
381	Final PT Stress	1 d	Wed 25/11/20	Wed 25/11/20	100%
382	FRP Level 3-4 Verticals	8 d	Sat 21/11/20	Mon 30/11/20	100%
383	**FRP Level 4 Suspended Slab**	**21 d**	**Mon 23/11/20**	**Sat 19/12/20**	**26%**
384	Formwork	8 d	Mon 23/11/20	Tue 1/12/20	85%
385	Bottom Reinforcement	3 d	Tue 1/12/20	Thu 3/12/20	0%
386	Post Tensioning	2 d	Thu 3/12/20	Fri 4/12/20	0%
387	Top Reinforcement	2 d	Wed 9/12/20	Thu 10/12/20	0%
388	Form Set Downs	1 d	Fri 11/12/20	Fri 11/12/20	0%
389	Engineers Inspection & Rectification Works	1 d	Fri 11/12/20	Fri 11/12/20	0%
390	Concrete Pour	1 d	Sat 12/12/20	Sat 12/12/20	0%
391	Initial PT Stress	1 d	Mon 14/12/20	Mon 14/12/20	0%
392	Final PT Stress	1 d	Wed 16/12/20	Wed 16/12/20	0%
393	FRP Level 4-Roof Verticals	6 d	Mon 14/12/20	Sat 19/12/20	0%
394	**FRP Roof Suspended Slab**	**15 d**	**Thu 17/12/20**	**Thu 21/01/21**	**0%**
395	Formwork	5 d	Thu 17/12/20	Tue 22/12/20	0%

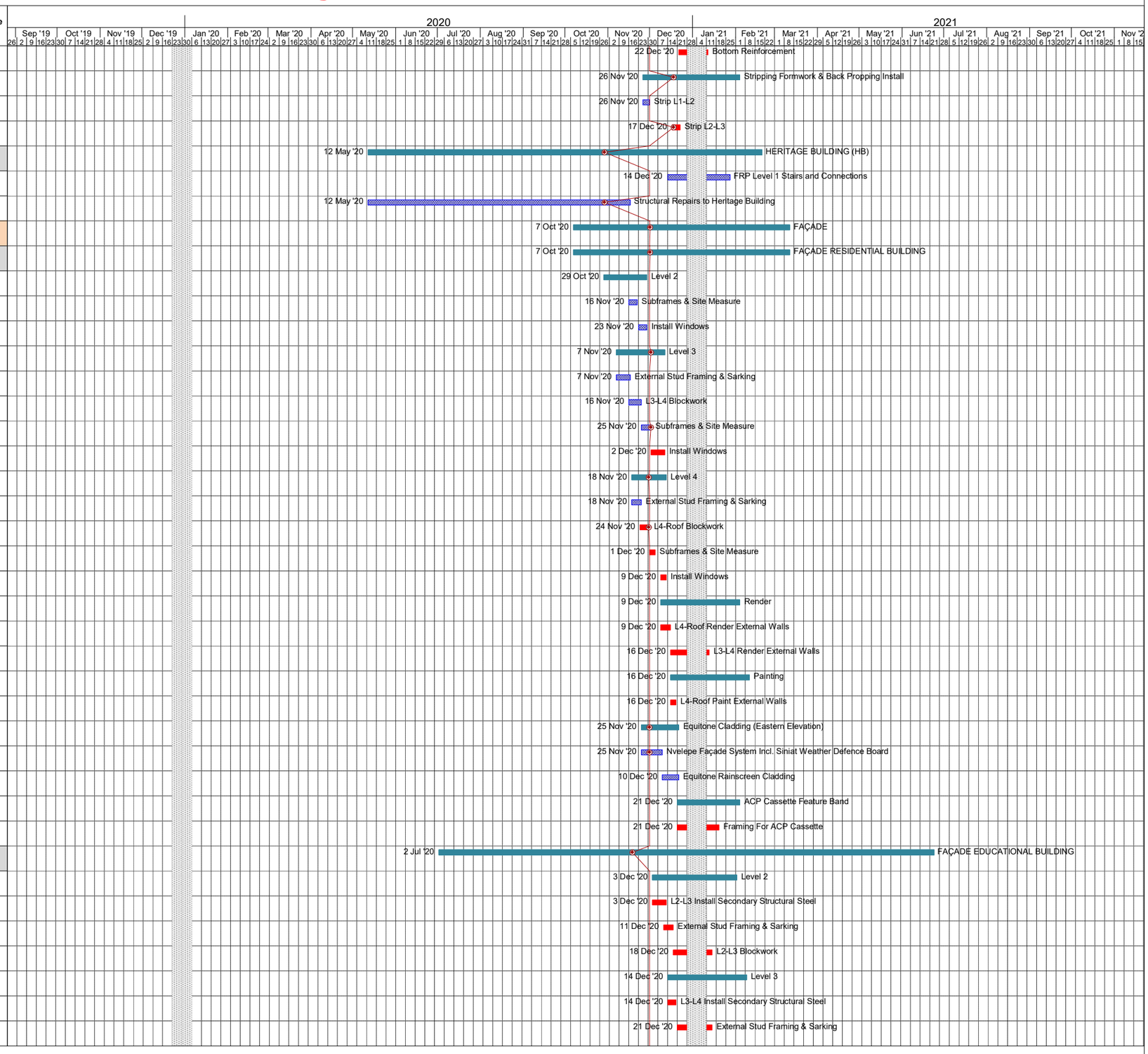


Critical Task | Non-critical | Milestone | Project Summary | Summary

Prepared By: RMc
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Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
396	Bottom Reinforcement	2 d	Tue 22/12/20	Mon 11/01/21	0%
404	**Stripping Formwork & Back Propping Install**	**38 d**	**Thu 26/11/20**	**Wed 3/02/21**	**31%**
405	Strip L1-L2	4 d	Thu 26/11/20	Mon 30/11/20	100%
406	Strip L2-L3	5 d	Thu 17/12/20	Tue 22/12/20	25%
409	**HERITAGE BUILDING (HB)**	**215 d**	**Tue 12/05/20**	**Fri 19/02/21**	**74%**
411	FRP Level 1 Stairs and Connections	20 d	Mon 14/12/20	Wed 27/01/21	0%
413	Structural Repairs to Heritage Building	155 d	Tue 12/05/20	Mon 16/11/20	90%
414	**FAÇADE**	**112 d**	**Wed 7/10/20**	**Thu 11/03/21**	**42%**
415	**FAÇADE RESIDENTIAL BUILDING**	**112 d**	**Wed 7/10/20**	**Thu 11/03/21**	**42%**
421	**Level 2**	**27 d**	**Thu 29/10/20**	**Sat 28/11/20**	**100%**
424	Subframes & Site Measure	6 d	Mon 16/11/20	Sat 21/11/20	100%
425	Install Windows	6 d	Mon 23/11/20	Sat 28/11/20	100%
426	**Level 3**	**27 d**	**Sat 7/11/20**	**Fri 11/12/20**	**79%**
427	External Stud Framing & Sarking	8 d	Sat 7/11/20	Mon 16/11/20	100%
428	L3-L4 Blockwork	8 d	Mon 16/11/20	Tue 24/11/20	100%
429	Subframes & Site Measure	6 d	Wed 25/11/20	Tue 1/12/20	100%
430	Install Windows	6 d	Wed 2/12/20	Fri 11/12/20	0%
431	**Level 4**	**19 d**	**Wed 18/11/20**	**Sat 12/12/20**	**57%**
432	External Stud Framing & Sarking	6 d	Wed 18/11/20	Tue 24/11/20	100%
433	L4-Roof Blockwork	6 d	Tue 24/11/20	Mon 30/11/20	90%
434	Subframes & Site Measure	4 d	Tue 1/12/20	Fri 4/12/20	0%
435	Install Windows	4 d	Wed 9/12/20	Sat 12/12/20	0%
436	**Render**	**30 d**	**Wed 9/12/20**	**Wed 3/02/21**	**0%**
437	L4-Roof Render External Walls	6 d	Wed 9/12/20	Tue 15/12/20	0%
438	L3-L4 Render External Walls	8 d	Wed 16/12/20	Tue 12/01/21	0%
441	**Painting**	**30 d**	**Wed 16/12/20**	**Wed 10/02/21**	**0%**
442	L4-Roof Paint External Walls	4 d	Wed 16/12/20	Sat 19/12/20	0%
446	**Equitone Cladding (Eastern Elevation)**	**20 d**	**Wed 25/11/20**	**Mon 21/12/20**	**25%**
447	Nvelepe Façade System Incl. Siniat Weather Defence	10 d	Wed 25/11/20	Wed 9/12/20	50%
448	Equitone Rainscreen Cladding	10 d	Thu 10/12/20	Mon 21/12/20	0%
449	**ACP Cassette Feature Band**	**20 d**	**Mon 21/12/20**	**Wed 3/02/21**	**0%**
450	Framing For ACP Cassette	10 d	Mon 21/12/20	Tue 19/01/21	0%
462	**FAÇADE EDUCATIONAL BUILDING**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**25%**
463	**Level 2**	**30 d**	**Thu 3/12/20**	**Mon 1/02/21**	**0%**
464	L2-L3 Install Secondary Structural Steel	6 d	Thu 3/12/20	Sat 12/12/20	0%
465	External Stud Framing & Sarking	6 d	Fri 11/12/20	Thu 17/12/20	0%
466	L2-L3 Blockwork	8 d	Fri 18/12/20	Thu 14/01/21	0%
469	**Level 3**	**30 d**	**Mon 14/12/20**	**Mon 8/02/21**	**0%**
470	L3-L4 Install Secondary Structural Steel	6 d	Mon 14/12/20	Sat 19/12/20	0%
471	External Stud Framing & Sarking	6 d	Mon 21/12/20	Thu 14/01/21	0%

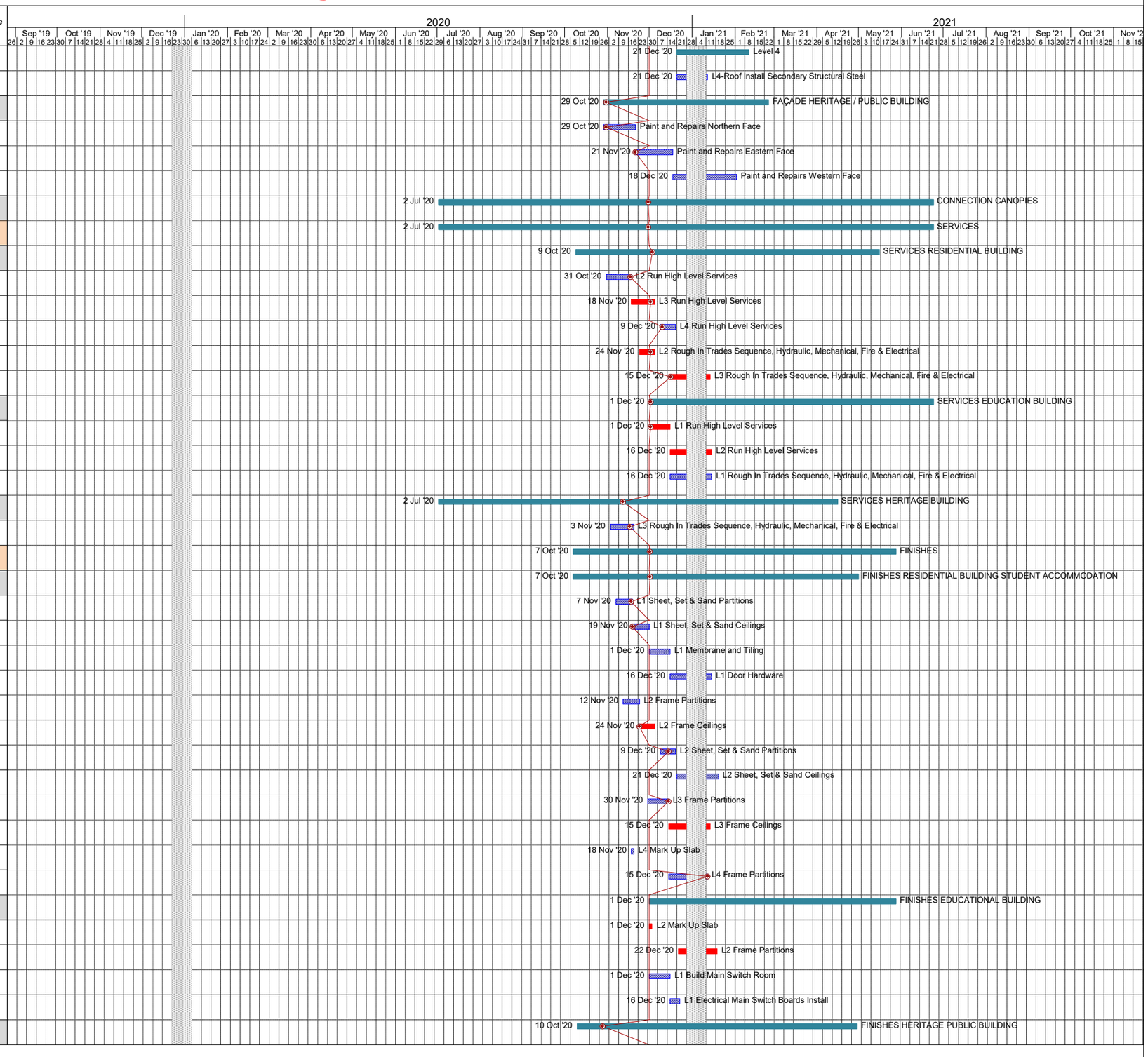


Critical Task | Non-critical | Milestone | Project Summary | Summary

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
475	**Level 4**	**26 d**	**Mon 21/12/20**	**Wed 10/02/21**	**0%**
476	L4-Roof Install Secondary Structural Steel	3 d	Mon 21/12/20	Mon 11/01/21	0%
498	**FAÇADE HERITAGE / PUBLIC BUILDING**	**80 d**	**Thu 29/10/20**	**Wed 24/02/21**	**3%**
499	Paint and Repairs Northern Face	20 d	Thu 29/10/20	Fri 20/11/20	10%
500	Paint and Repairs Eastern Face	20 d	Sat 21/11/20	Thu 17/12/20	0%
501	Paint and Repairs Western Face	20 d	Fri 18/12/20	Mon 1/02/21	0%
503	**CONNECTION CANOPIES**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**38%**
506	**SERVICES**	**271 d**	**Thu 2/07/20**	**Wed 23/06/21**	**41%**
507	**SERVICES RESIDENTIAL BUILDING**	**159 d**	**Fri 9/10/20**	**Sat 15/05/21**	**42%**
509	L2 Run High Level Services	15 d	Sat 31/10/20	Tue 17/11/20	95%
510	L3 Run High Level Services	15 d	Wed 18/11/20	Fri 4/12/20	80%
511	L4 Run High Level Services	10 d	Wed 9/12/20	Sat 19/12/20	15%
513	L2 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Tue 24/11/20	Fri 4/12/20	70%
514	L3 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Tue 15/12/20	Wed 13/01/21	35%
522	**SERVICES EDUCATION BUILDING**	**144 d**	**Tue 1/12/20**	**Wed 23/06/21**	**1%**
523	L1 Run High Level Services	10 d	Tue 1/12/20	Tue 15/12/20	10%
524	L2 Run High Level Services	10 d	Wed 16/12/20	Thu 14/01/21	0%
527	L1 Rough In Trades Sequence, Hydraulic, Mechan	10 d	Wed 16/12/20	Thu 14/01/21	0%
536	**SERVICES HERITAGE BUILDING**	**218 d**	**Thu 2/07/20**	**Thu 15/04/21**	**70%**
539	L3 Rough In Trades Sequence, Hydraulic, Mechan	15 d	Tue 3/11/20	Thu 19/11/20	80%
544	**FINISHES**	**171 d**	**Wed 7/10/20**	**Thu 27/05/21**	**9%**
545	**FINISHES RESIDENTIAL BUILDING STUDENT ACC**	**148 d**	**Wed 7/10/20**	**Fri 30/04/21**	**16%**
549	L1 Sheet, Set & Sand Partitions	10 d	Sat 7/11/20	Wed 18/11/20	90%
550	L1 Sheet, Set & Sand Ceilings	10 d	Thu 19/11/20	Mon 30/11/20	0%
551	L1 Membrane and Tiling	10 d	Tue 1/12/20	Tue 15/12/20	0%
552	L1 Door Hardware	10 d	Wed 16/12/20	Thu 14/01/21	0%
560	L2 Frame Partitions	10 d	Thu 12/11/20	Mon 23/11/20	100%
561	L2 Frame Ceilings	10 d	Tue 24/11/20	Fri 4/12/20	0%
562	L2 Sheet, Set & Sand Partitions	10 d	Wed 9/12/20	Sat 19/12/20	50%
563	L2 Sheet, Set & Sand Ceilings	10 d	Mon 21/12/20	Tue 19/01/21	0%
572	L3 Frame Partitions	10 d	Mon 30/11/20	Mon 14/12/20	100%
573	L3 Frame Ceilings	10 d	Tue 15/12/20	Wed 13/01/21	0%
583	L4 Mark Up Slab	2 d	Wed 18/11/20	Thu 19/11/20	100%
584	L4 Frame Partitions	8 d	Tue 15/12/20	Mon 11/01/21	100%
597	**FINISHES EDUCATIONAL BUILDING**	**124 d**	**Tue 1/12/20**	**Thu 27/05/21**	**0%**
598	L2 Mark Up Slab	2 d	Tue 1/12/20	Wed 2/12/20	0%
599	L2 Frame Partitions	8 d	Tue 22/12/20	Mon 18/01/21	0%
635	L1 Build Main Switch Room	10 d	Tue 1/12/20	Tue 15/12/20	0%
636	L1 Electrical Main Switch Boards Install	6 d	Wed 16/12/20	Tue 22/12/20	0%
640	**FINISHES HERITAGE PUBLIC BUILDING**	**144 d**	**Sat 10/10/20**	**Thu 29/04/21**	**13%**

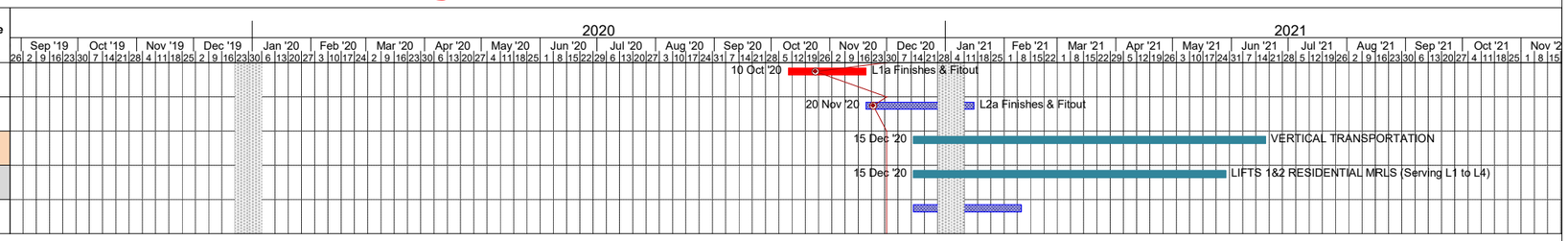


Critical Task | Non-critical | Milestone | Project Summary | Summary

Prepared By: RMc
Checked:
Revision : Rev 11 Contract

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete
641	L1a Finishes & Fitout	35 d	Sat 10/10/20	Thu 19/11/20	35%
642	L2a Finishes & Fitout	30 d	Fri 20/11/20	Fri 15/01/21	10%
663	**VERTICAL TRANSPORTATION**	**131 d**	**Tue 15/12/20**	**Fri 18/06/21**	**0%**
664	**LIFTS 1&2 RESIDENTIAL MRLS (Serving L1 to L4)**	**116 d**	**Tue 15/12/20**	**Fri 28/05/21**	**0%**
665	Lift Pit & Shaft works	30 d	Tue 15/12/20	Tue 9/02/21	0%



Critical Task | Non-critical | Milestone | Project Summary | Summary

Appendix F – Monthly Progress Photos

Building A – Education

Level 1



Photo 01

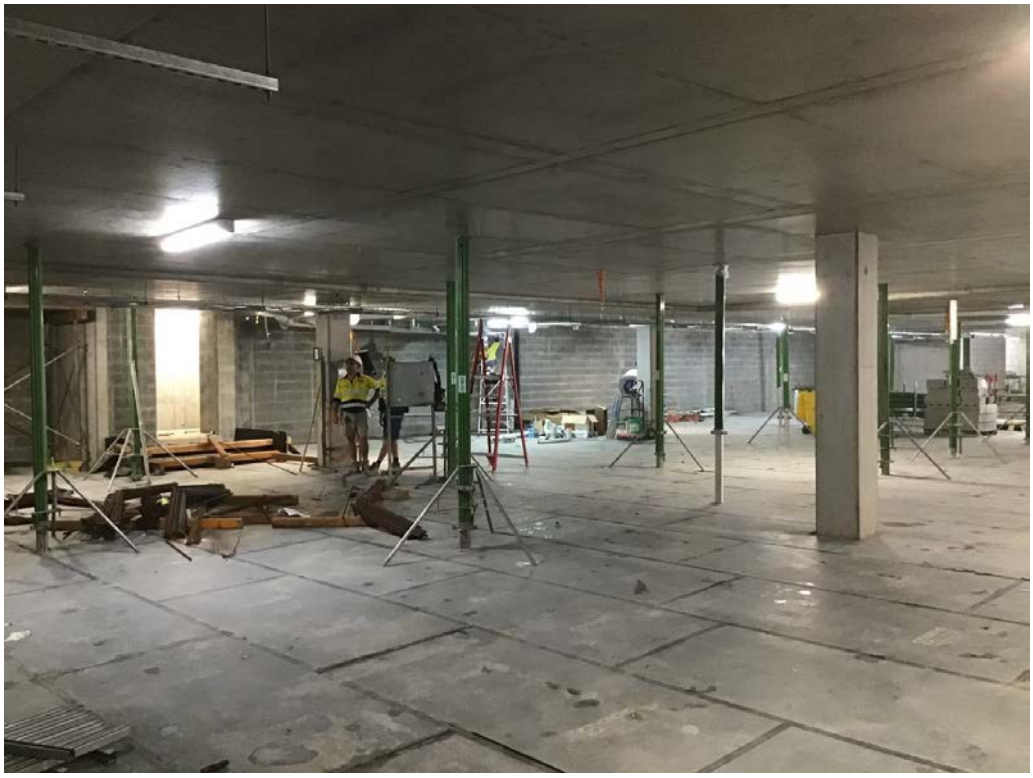


Photo 02



Photo 03



Photo 04



Photo 05



Photo 06

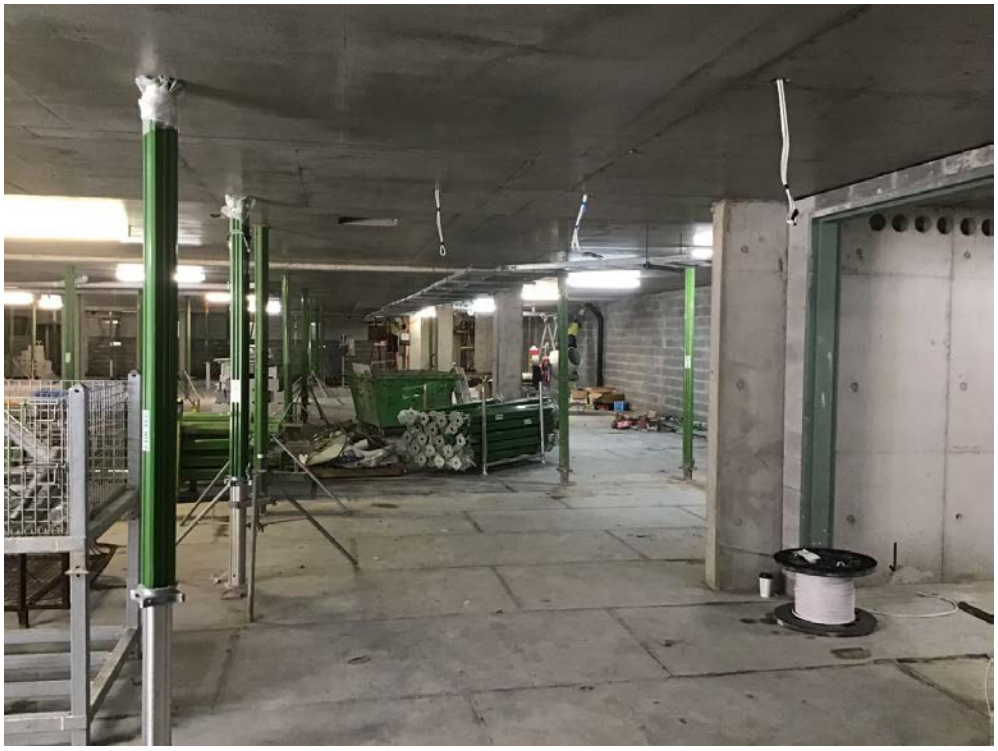


Photo 07



Photo 08



Photo 09

Level 2

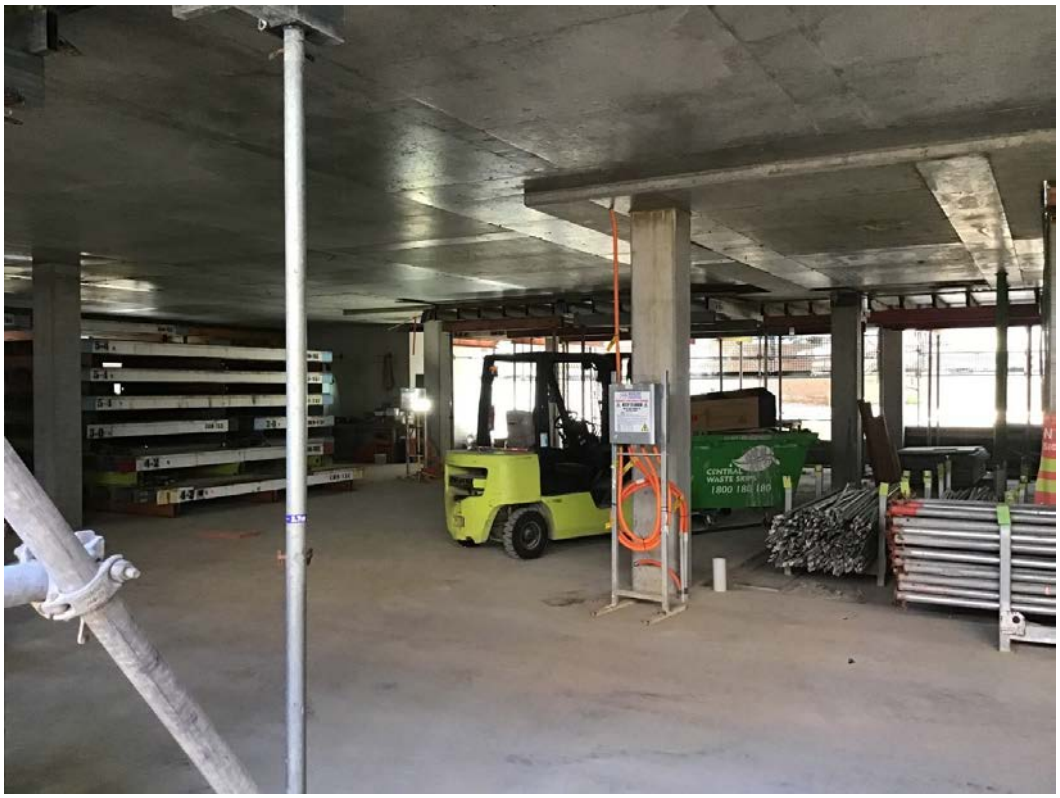


Photo 10



Photo 11

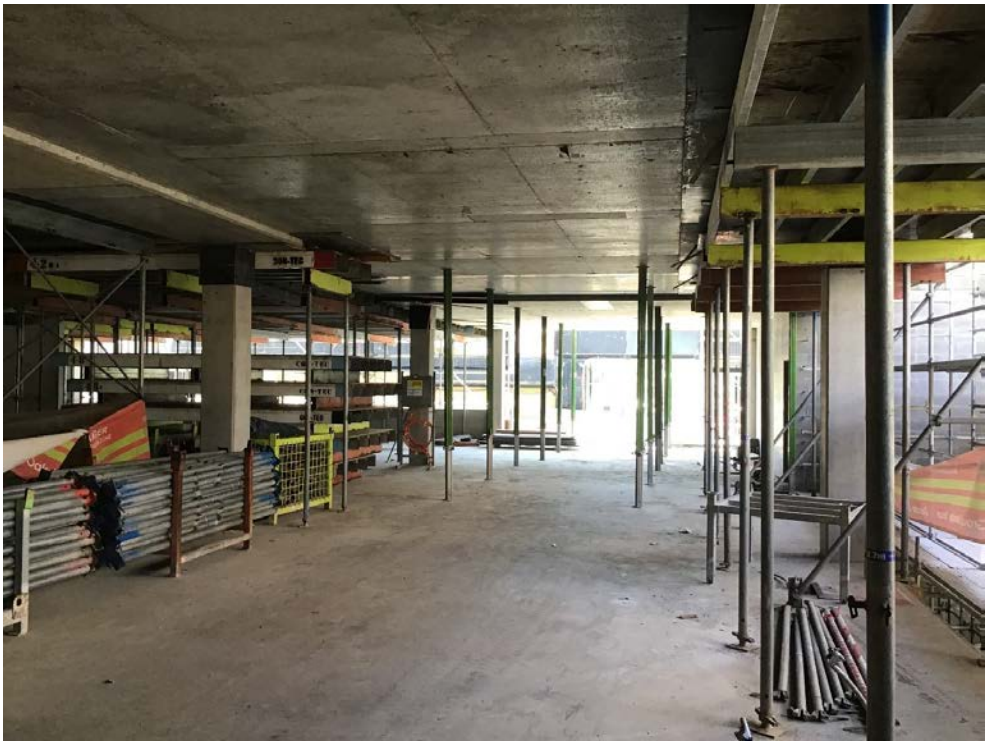


Photo 12



Photo 13



Photo 14

Level 3



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19

Level 4



Photo 20



Photo 21

Building B – Heritage Courthouse

Level 1



Photo 22



Photo 23



Photo 24



Photo 25



Photo 26



Photo 27



Photo 28



Photo 29



Photo 30



Photo 31

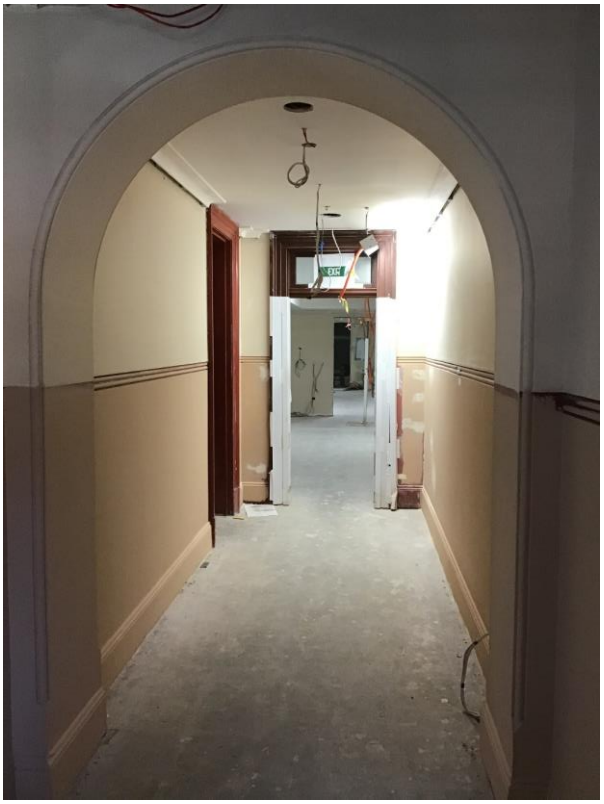


Photo 32



Photo 33



Photo 34



Photo 35



Photo 36



Photo 37

Level 2



Photo 38



Photo 39



Photo 40



Photo 41



Photo 42



Photo 43



Photo 44



Photo 45



Photo 46: Temporary Props to Level 2 Small Courtroom Ceiling



Photo 47: Termite Damage to Small Courtroom Ceiling



Photo 48

Level 4



Photo 49



Photo 50



Photo 51



Photo 52

Building C – Residential

Level 1

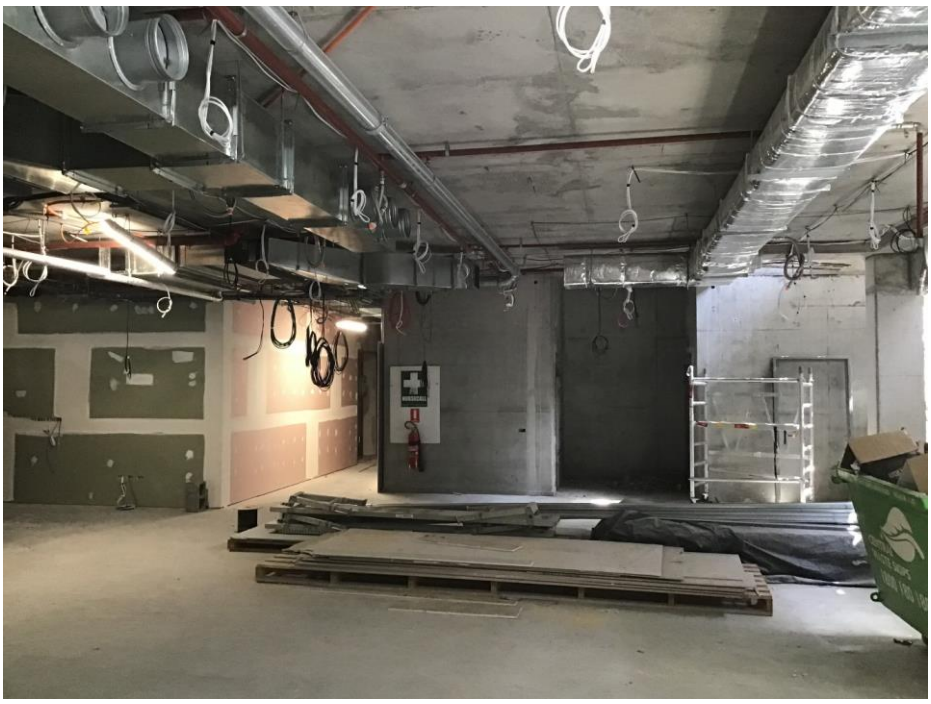


Photo 53

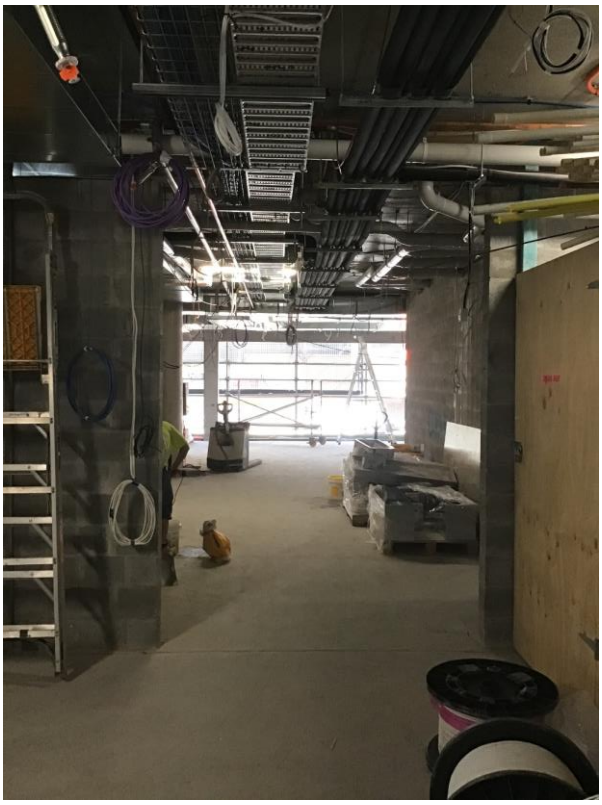


Photo 54



Photo 55

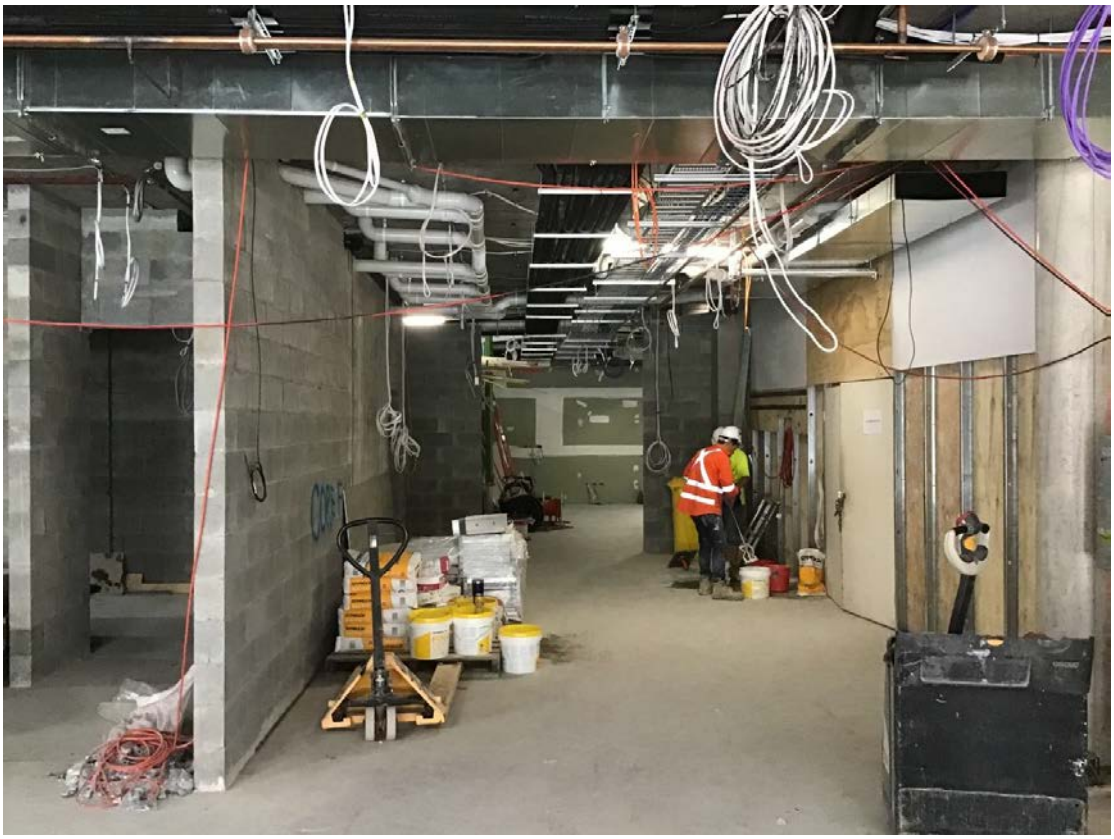


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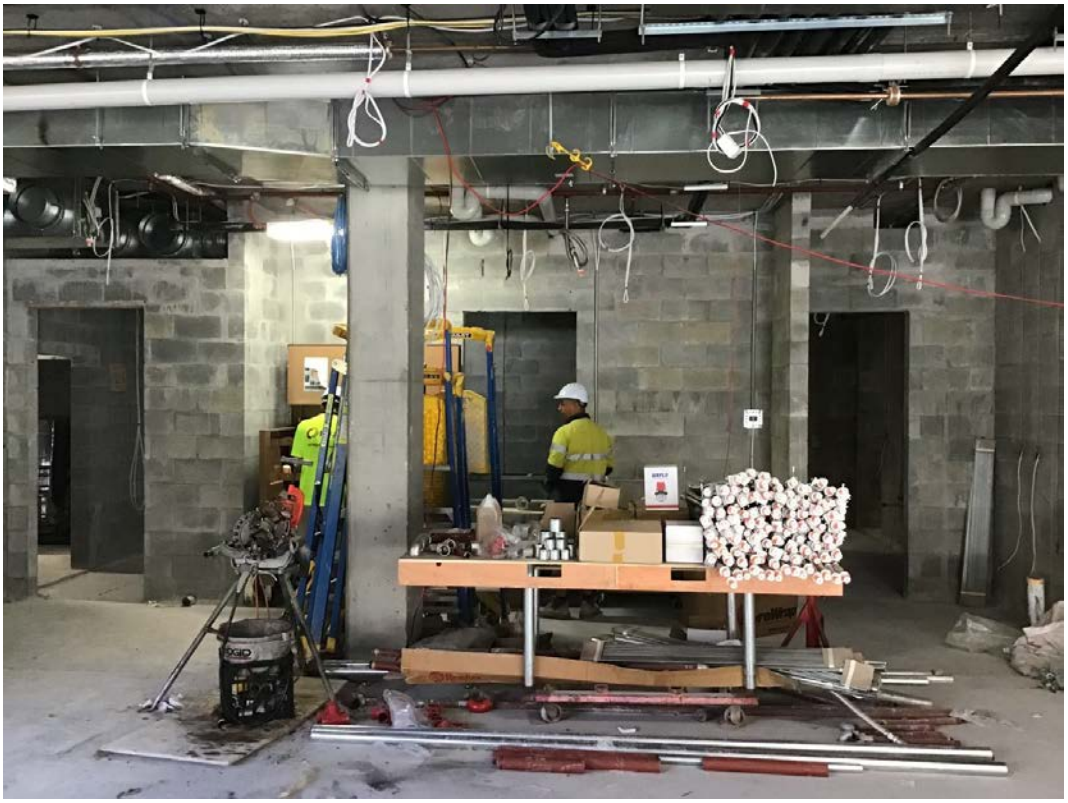


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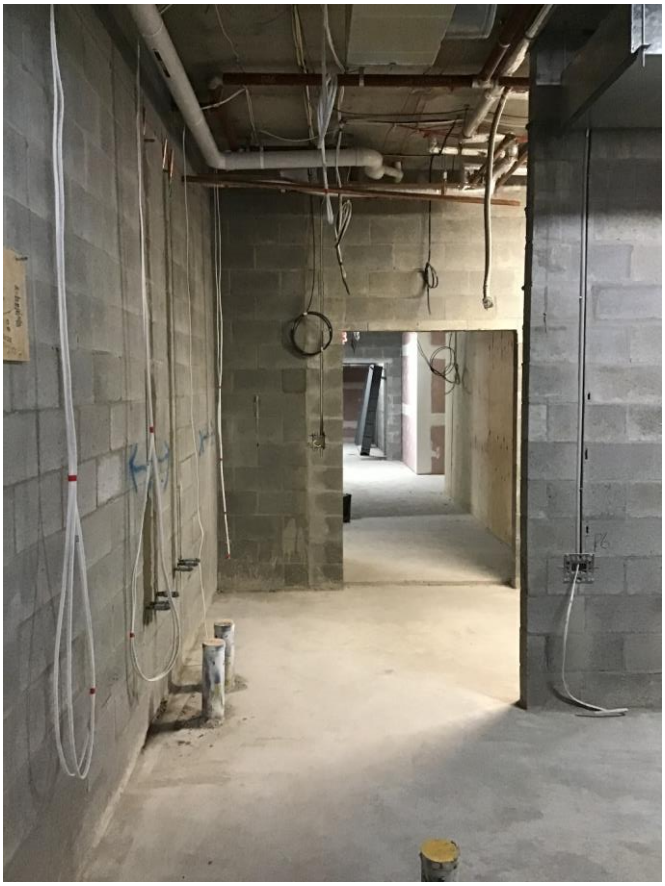


Photo 58



Photo 59

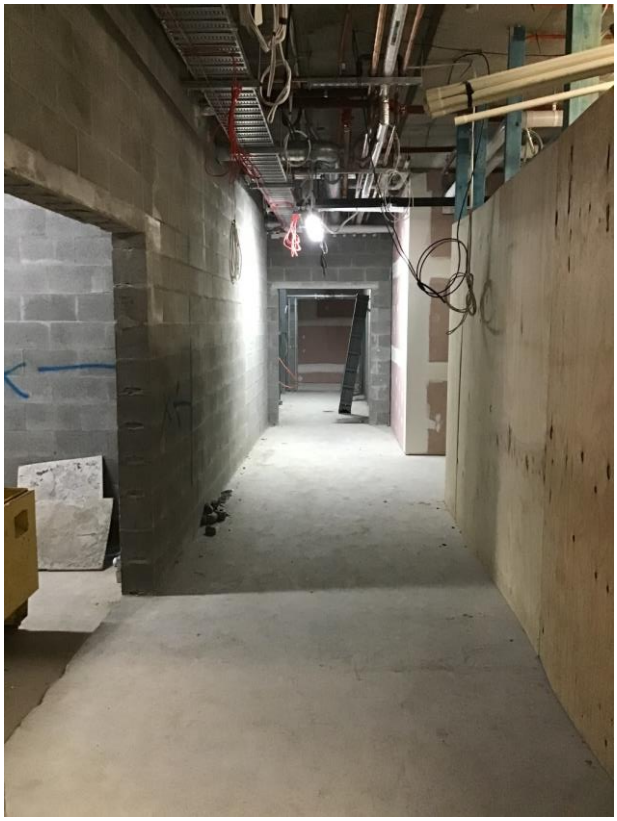


Photo 60



Photo 61



Photo 62



Photo 63

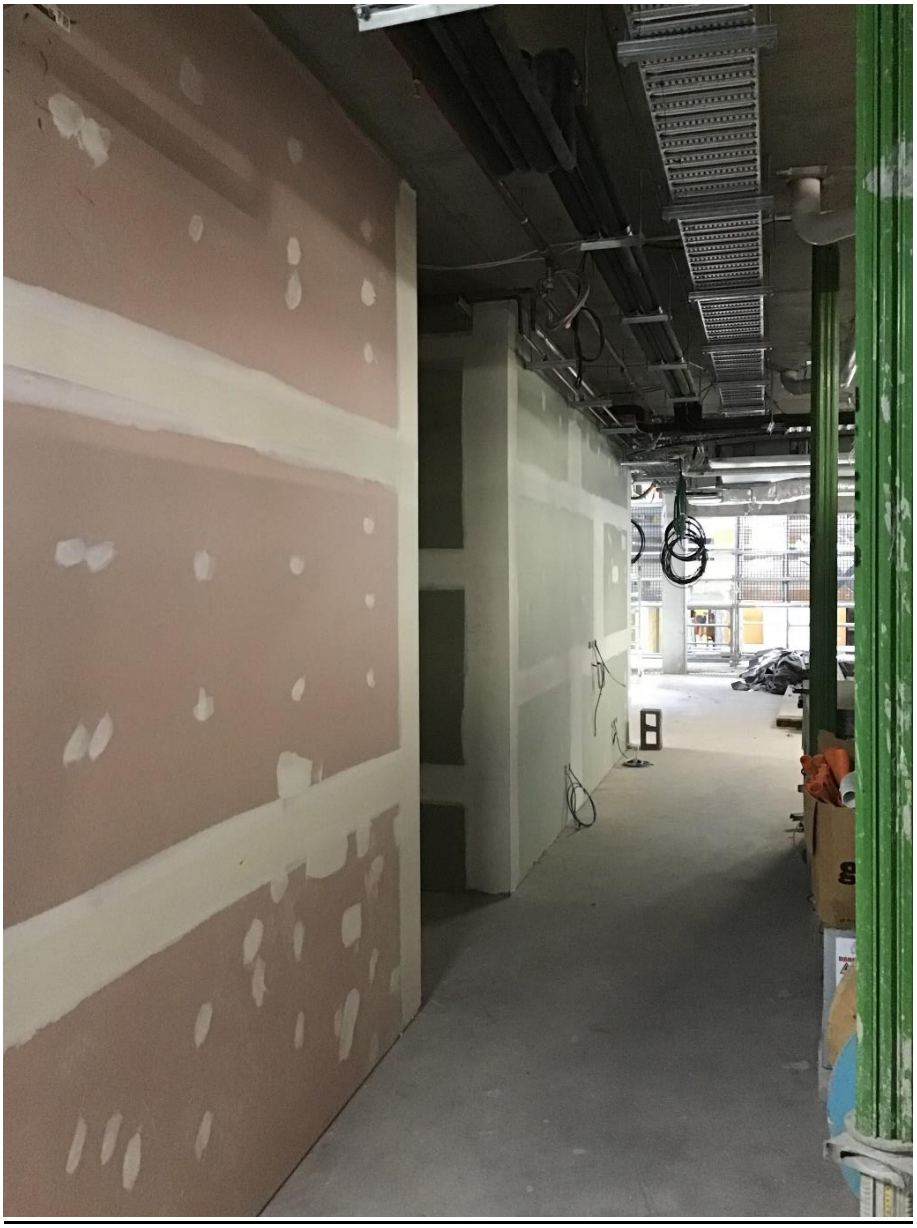


Photo 64

Level 2

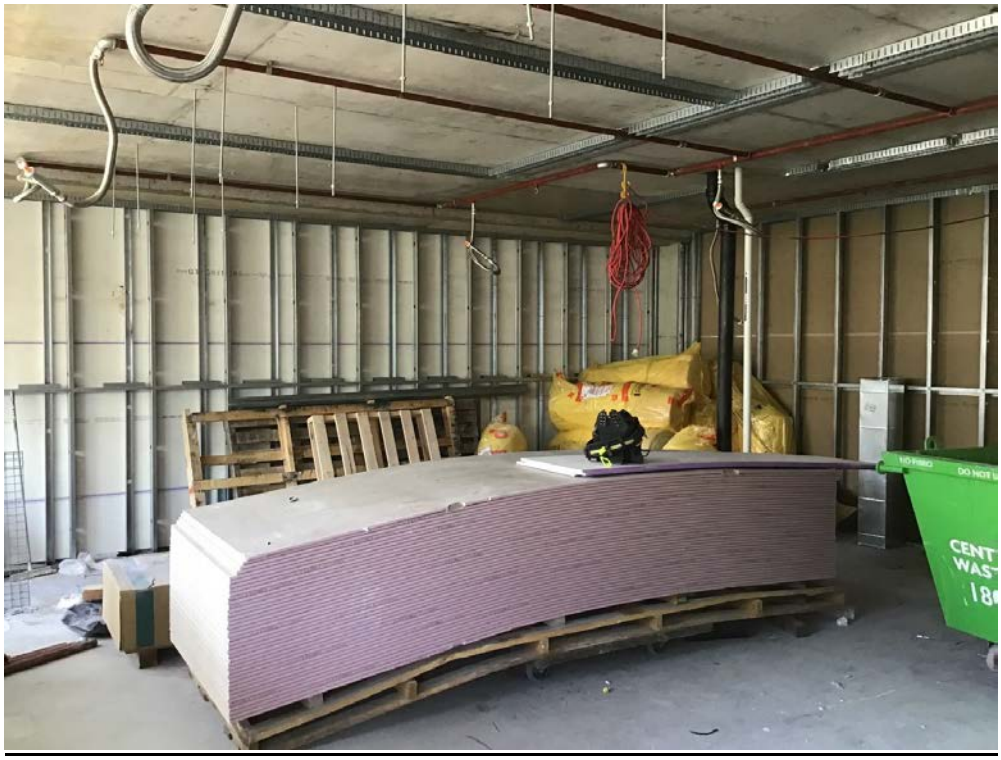


Photo 65



Photo 66

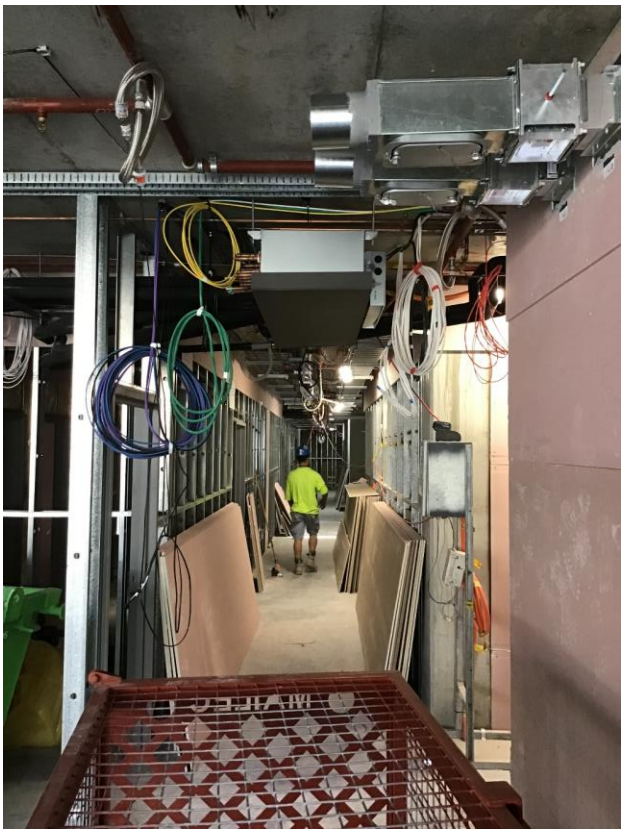


Photo 67



Photo 68

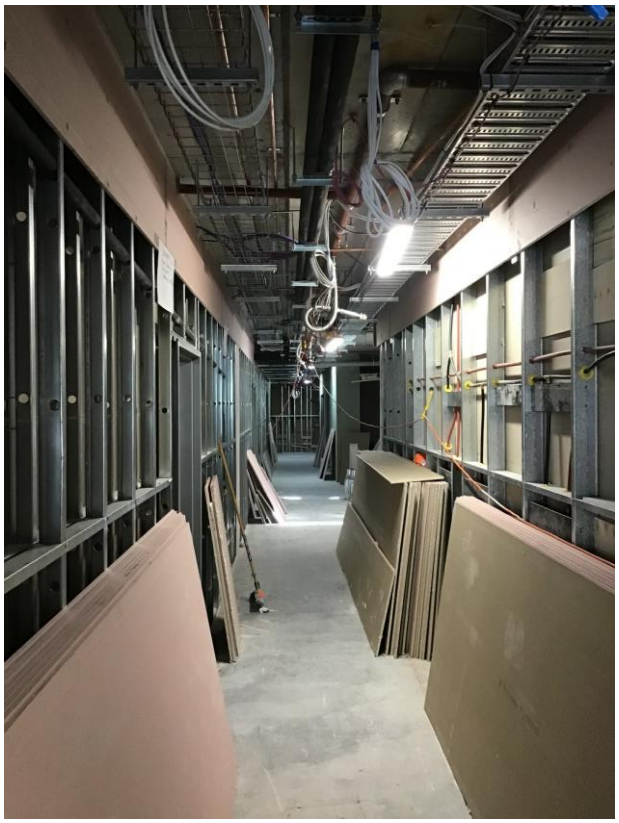


Photo 69



Photo 70



Photo 71

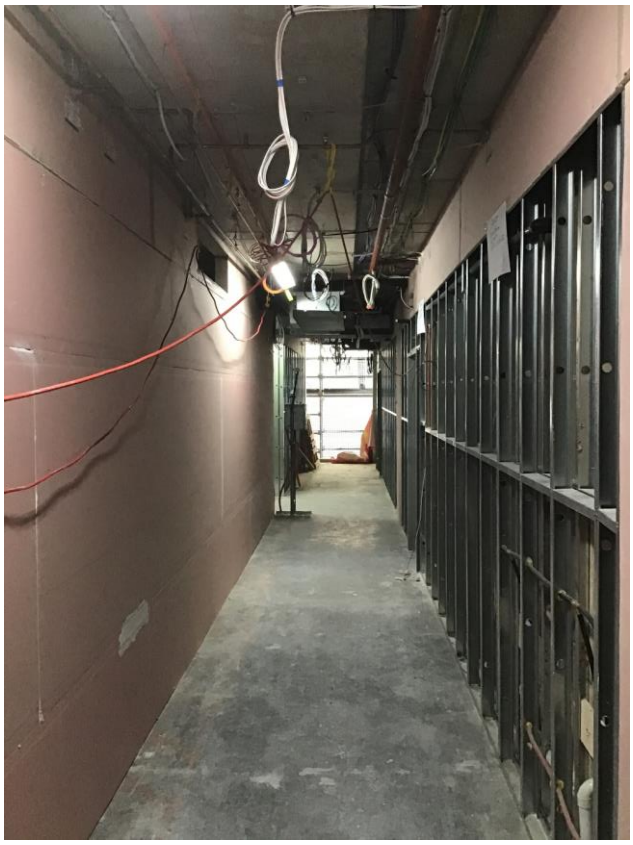


Photo 72

Level 3

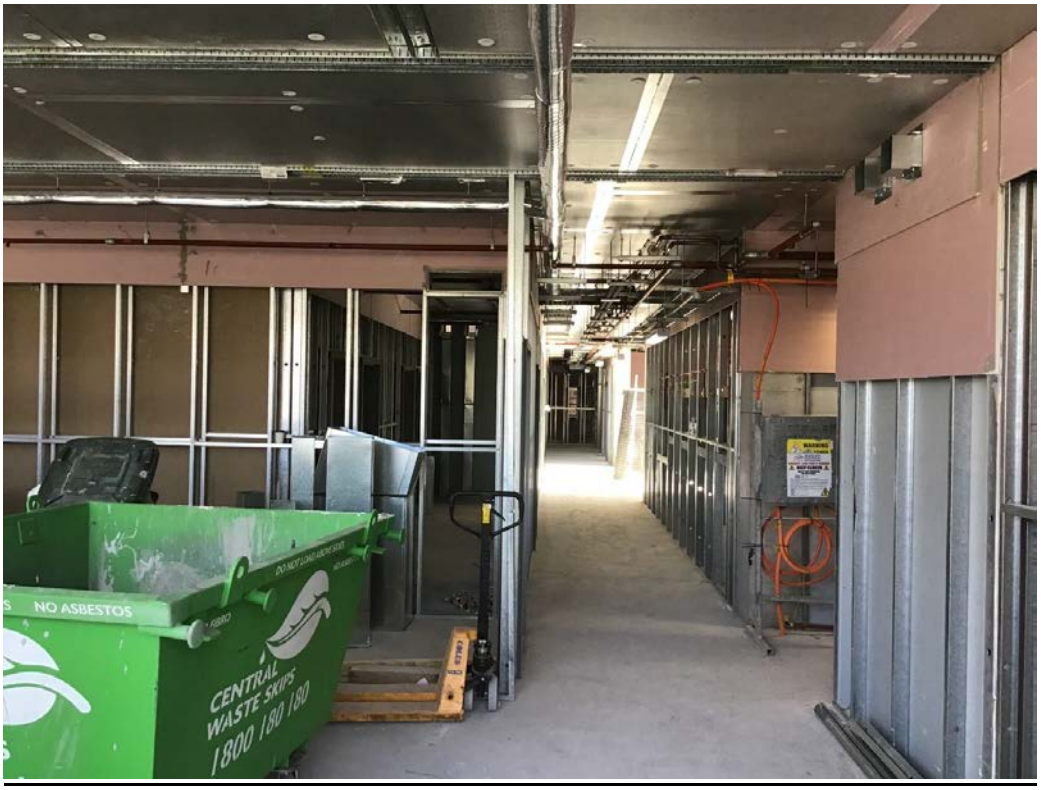


Photo 73



Photo 74



Photo 75



Photo 76

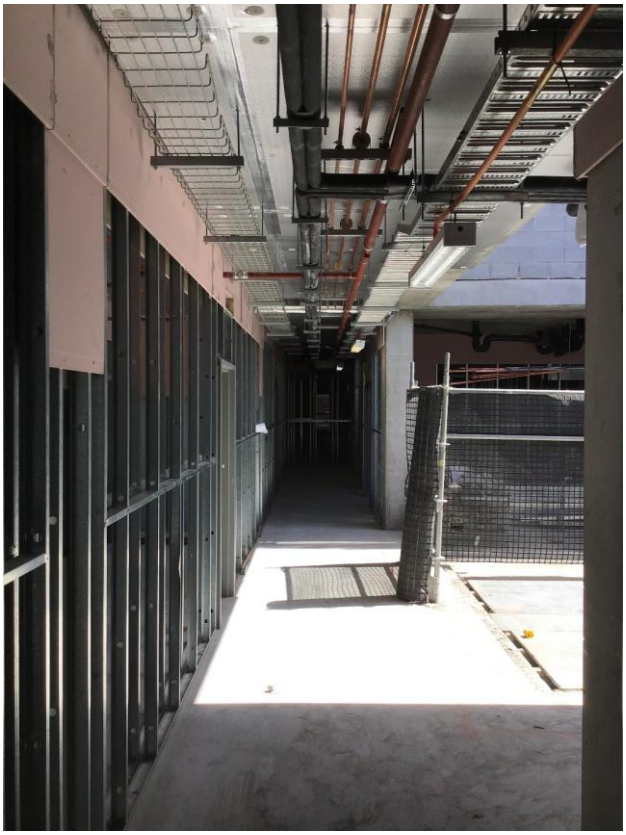


Photo 77

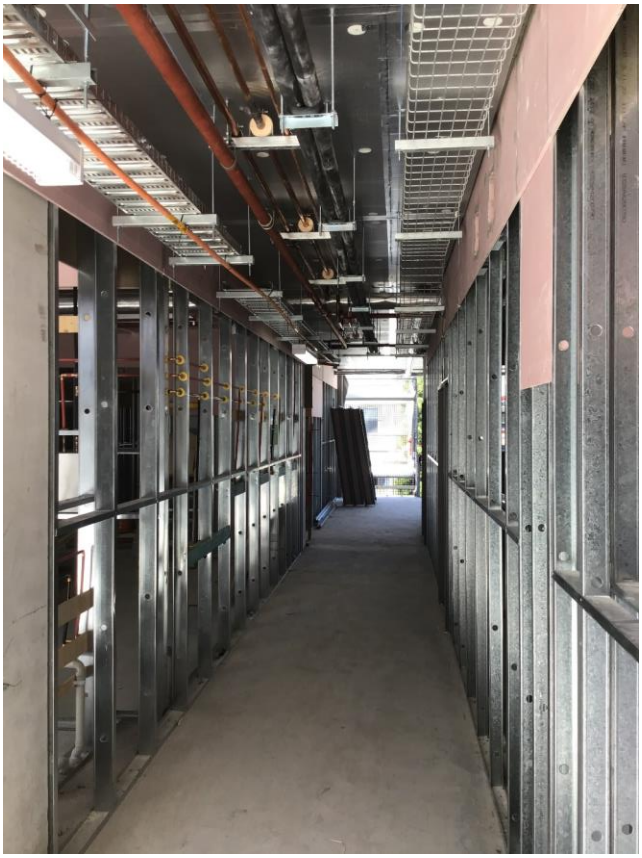


Photo 78



Photo 79



Photo 80



Photo 81

Level 4



Photo 82



Photo 83



Photo 84

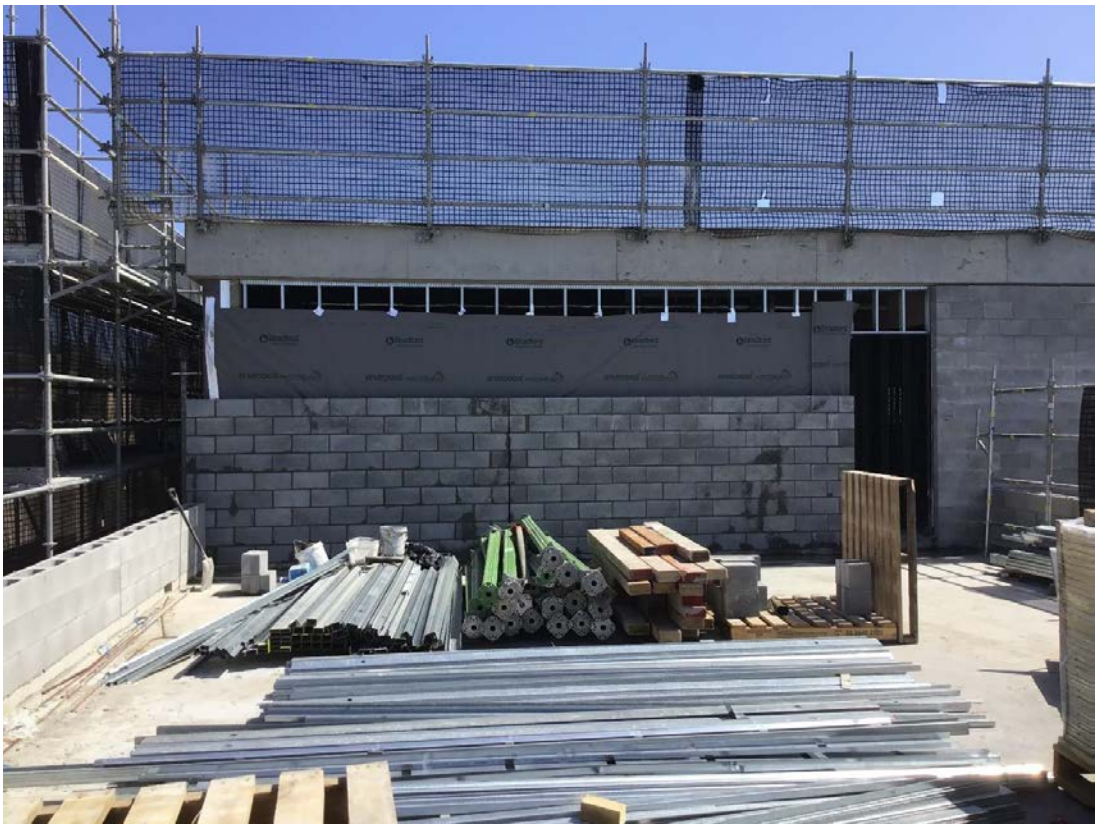


Photo 85



Photo 86



Photo 87

Roof Level



Photo 88



Photo 89



Photo 90



Photo 91

External & Overview



Photo 92



Photo 93



Photo 94



Photo 95



Photo 96



Photo 97

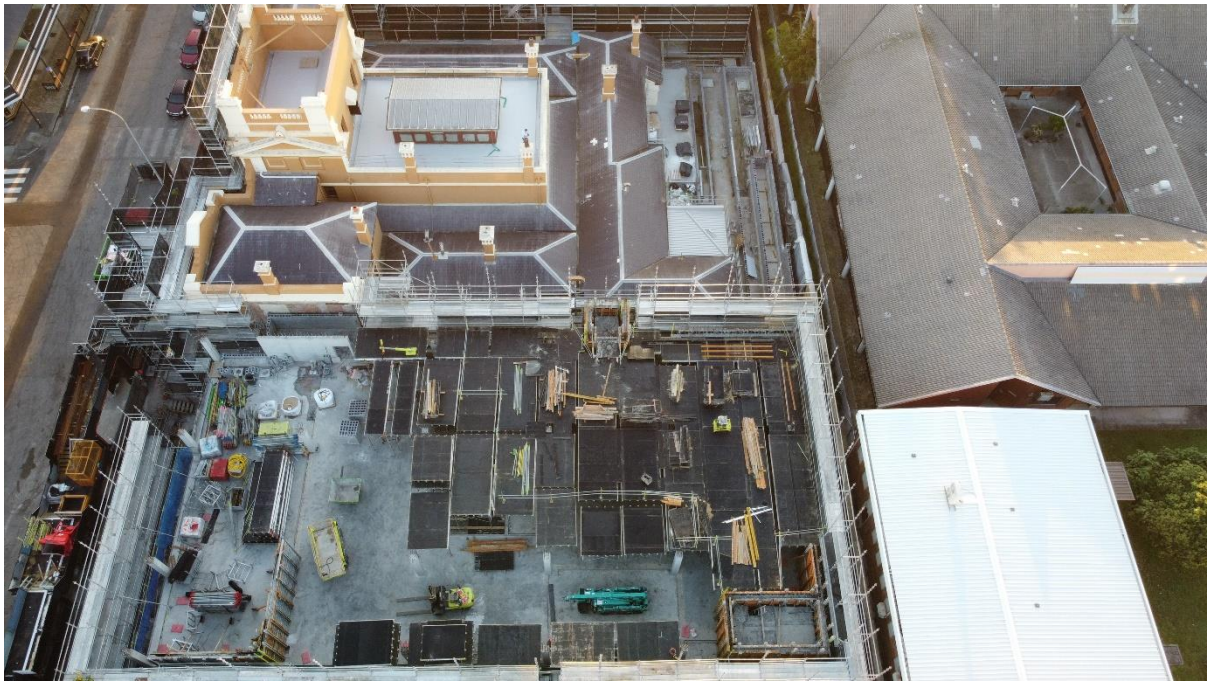


Photo 98



Photo 99

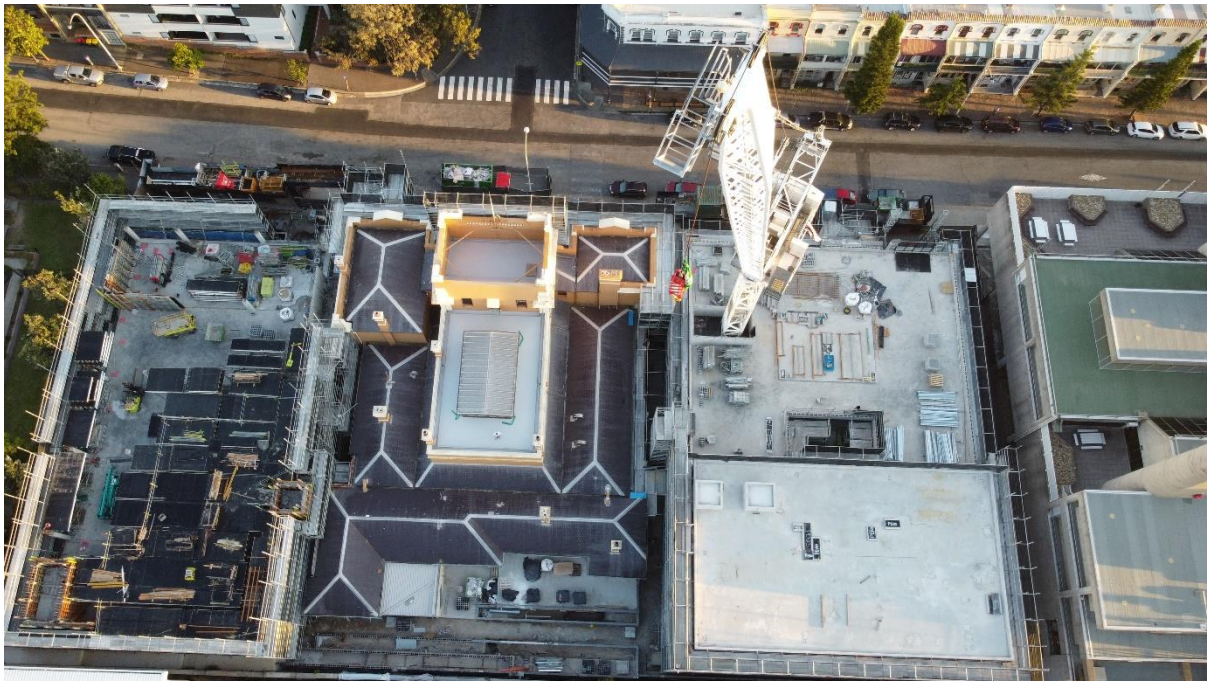


Photo 100

Appendix G – Green Star Pathway Status

Appendix H – Workflow Status

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Shop Drawings - AFC Issue

Showing Result 1 to 395

File	Document No	Title	Revis	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	6746	Services Layout - Commercial Kitchen	C	For Construction	Kitchen	J&H Commercial Kitchens	12/11/2020	10/11/2020	Shop Drawing	240.7 KB	No
pdf	895-1	Wallform details	C	For Construction	Structural	Climbform Engineering	18/08/2020	10/08/2020	Shop Drawing	146.4 KB	No
pdf	895-10	Stair C1 - Concrete outline & Formwork arrangement (Level 1 to Level 2)	F	For Construction	Structural	Climbform Engineering	18/08/2020	11/08/2020	Shop Drawing	216.3 KB	No
pdf	895-16	Stair C1 - Concrete outline & Formwork arrangement (Level 2 to Roof)	B	For Construction	Structural	Climbform Engineering	18/08/2020	11/08/2020	Shop Drawing	170.9 KB	No
pdf	895-20	Stair C2 - Concrete outlines & Formwork arrangement (Level 1 to Level 2)	E	For Construction	Structural	Climbform Engineering	18/08/2020	11/08/2020	Shop Drawing	170.2 KB	No
pdf	895-23	Stair C2 - Concrete outlines & Formwork arrangement (Level 2 to Roof)	B	For Construction	Structural	Climbform Engineering	03/09/2020	03/09/2020	Shop Drawing	192 KB	No
pdf	895-30	Lift C1 & C2 - Concrete ourlines & Formwork arrangement (Level 1 to Roof)	D	For Construction	Structural	Climbform Engineering	03/09/2020	03/09/2020	Shop Drawing	212.2 KB	No

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pdf	895-40	Lift A1 - Concrete ourline & Formwork arrangement (Level 1 to Roof)	C	For Construction	Structural	Climbform Engineering	03/09/2020	03/09/2020	Shop Drawing	164.4 KB	No
pdf	895-50	Stair A1 - Concrete outline & Formwork arrangement (Level 1 to Level 2)	C	For Construction	Structural	Climbform Engineering	26/08/2020	24/08/2020	Shop Drawing	150.4 KB	No
pdf	895-51	Stair A1 - Concrete outline & Formwork arrangement (Level 2 to Roof)	B	For Construction	Structural	Climbform Engineering	18/08/2020	11/08/2020	Shop Drawing	155.9 KB	No
pdf	895-52	Stair A1 - Section & Pour sequence	C	For Construction	Structural	Climbform Engineering	18/08/2020	11/08/2020	Shop Drawing	141.8 KB	No
pdf	895-60	Stair A2 - Concrete outlines & Formwork arrangment (Level 1 to Roof)	D	For Construction	Structural	Climbform Engineering	26/08/2020	24/08/2020	Shop Drawing	160.6 KB	No
pdf	895-61	Stair A2 - Section & Pour sequence (Level 1 to Roof)	D	For Construction	Structural	Climbform Engineering	26/08/2020	24/08/2020	Shop Drawing	158.4 KB	No
pdf	895-70	Shear walls SW1 & SW2 - Concrete outline & Formwork arrangement (Level 1 to Level 4)	B	For Construction	Structural	Climbform Engineering	26/08/2020	24/08/2020	Shop Drawing	149.8 KB	No

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Shop Drawings - AFC Issue

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pdf	895-71	Shear walls SW1 & SW2 - Section & Pour sequence	B	For Construction	Structural	Climbform Engineering	07/09/2020	24/08/2020	Shop Drawing	139.5 KB	No
pdf	895-80	Shear wall SW3 - Concrete outline & Formwork arrangement (Level 1 to Roof)	B	For Construction	Structural	Climbform Engineering	26/08/2020	24/08/2020	Shop Drawing	166 KB	No
pdf	895-BA-L2-CP	Education Building A Level 2 - Concrete profile	D	For Construction	Structural	Climbform Engineering	09/10/2020	07/10/2020	Shop Drawing	211.2 KB	No
pdf	895-BA-L2-TL	Education Building A Level 2 - Table layout	H	For Construction	Structural	Climbform Engineering	09/10/2020	07/10/2020	Shop Drawing	199.9 KB	No
pdf	895-BA-L3-CP	Building A - Level 3 - Concrete Profile	B	For Construction	Structural	Climbform Engineering	10/09/2020	09/09/2020	Shop Drawing	146.9 KB	No
pdf	895-BA-L3-TL	Building A - Level 3 - Table Layout	C	For Construction	Structural	Climbform Engineering	29/09/2020	21/09/2020	Shop Drawing	156.8 KB	No
pdf	895-BA-L4-CP	Building A - Level 4 - Concrete Profile	B	For Construction	Structural	Climbform Engineering	16/10/2020	13/10/2020	Shop Drawing	158.2 KB	No
pdf	895-BA-L4-TL	Building A - Level 4 - Table Layout	C	For Construction	Structural	Climbform Engineering	24/11/2020	12/10/2020	Shop Drawing	160.1 KB	No
pdf	895-BA-R-CP	Building A - Roof - Concrete Profile	B	For Construction	Structural	Climbform Engineering	11/11/2020	30/09/2020	Shop Drawing	141 KB	No
pdf	895-BA-R-TL	Building A - Roof - Table Layout	C	For Construction	Structural	Climbform Engineering	11/11/2020	11/11/2020	Shop Drawing	156.5 KB	No
pdf	895-BC-L3-CP	Residential Building C Level 3 - Concrete profile	C	For Construction	Structural	Climbform Engineering	08/09/2020	08/09/2020	Shop Drawing	164.8 KB	No

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pdf	895-BC-L4-CP	Building C - Level 4 - Concrete Profile	B	For Construction	Structural	Climbform Engineering	15/09/2020	15/09/2020	Shop Drawing	174.6 KB	No
pdf	895-BC-L4-TL	Building C - Level 4 - Table Layout	B	For Construction	Structural	Climbform Engineering	15/09/2020	15/09/2020	Shop Drawing	167.4 KB	No
pdf	895-BC-ROOF-CP	Building C - Roof - Concrete Profile	D	For Construction	Structural	Climbform Engineering	29/09/2020	17/09/2020	Shop Drawing	141 KB	No
pdf	895-BC-ROOF-TL	Building C - Roof - Table Layout	C	For Construction	Structural	Climbform Engineering	29/09/2020	18/09/2020	Shop Drawing	153 KB	No
pdf	895-SK10	Building C - Level 2 - Backprop Markup	A	For Construction	Structural	Climbform Engineering	25/09/2020	25/09/2020	Shop Drawing	877.1 KB	No
pdf	BW-13A	Level 1 Residential Builders Works Part A	1	For Construction	Mechanical	Coles	26/10/2020	09/10/2020	Shop Drawing	656.2 KB	No
pdf	FD-03(C)	EDUCATION LEVEL1	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	418.6 KB	No
dwg	FD-03(D)	Dry Fire Services - Level 1 Education	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	8.1 MB	No
pdf	FD-04(C)	EXISTING LEVEL 1	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	459.9 KB	No
dwg	FD-04(D)	Dry Fire Services - Level 1 Existing	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	9.7 MB	No
pdf	FD-05(C)	RESIDENTIAL LEVEL 1	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	557.1 KB	No
dwg	FD-05(D)	Dry Fire Services - Level 1 Residential	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	11.3 MB	No
pdf	FD-06(C)	EDUCATION LEVEL 2	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	466 KB	No

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dwg	FD-06(D)	Dry Fire Services - Level 2 Education	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	10 MB	No
pdf	FD-07(C)	EXISTING LEVEL 2	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	557 KB	No
dwg	FD-07(D)	Dry Fire Services - Level 2 Existing	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	11.1 MB	No
pdf	FD-08(C)	RESIDENTIAL LEVEL 2	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	634.6 KB	No
dwg	FD-08(D)	Dry Fire Services - Level 2 Residential	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	14 MB	No
pdf	FD-09(C)	EDUCATION LEVEL 3	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	435.2 KB	No
dwg	FD-09(D)	Dry Fire services - Level 3 Education	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	11.9 MB	No
pdf	FD-10(C)	EXISTING LEVEL 3	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	385.2 KB	No
dwg	FD-10(D)	Dry Fire Services - Level 3 Existing	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	11.6 MB	No
pdf	FD-11(C)	RESIDENTIAL LEVEL 3	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	569.3 KB	No
dwg	FD-11(D)	Dry Fire Services - Level 3 Residential	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	14.9 MB	No
pdf	FD-12(C)	EDUCATION LEVEL 4	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	414 KB	No
dwg	FD-12(D)	Dry Fire Services - Level 4 Education	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	13.3 MB	No
pdf	FD-13(C)	EXISTING LEVEL 4	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	366.8 KB	No

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dwg	FD-13(D)	Dry Fire Services - Level 4 Existing	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	11.7 MB	No
pdf	FD-14(C)	RESIDENTIAL LEVEL 4	C	For Construction	Fire	ARA Fire	27/10/2020	29/10/2020	Shop Drawing	522.1 KB	No
dwg	FD-14(D)	Dry Fire Services - Level 4 Residential	D	For Construction	Fire	ARA Fire	05/11/2020	30/10/2020	Shop Drawing	15.1 MB	No
pdf	FS00	Fire Sprinkler Cover Sheet, Legend and Drawing List	5	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	251.2 KB	No
dwg	FS00.DWG	Fire Sprinkler Cover Sheet, Legend and Drawing List	5	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	5 MB	No
pdf	FS01	Fire Sprinkler Schematic	6	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	468.1 KB	No
dwg	FS01.DWG	Fire Sprinkler Schematic	6	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	5.6 MB	No
pdf	FS02	Fire Sprinkler System Level 1 Central Courthouse and East Residential Blocks	8	For Construction	Fire	ARA FIRE	09/11/2020	09/11/2020	Shop Drawing	704.7 KB	No
dwg	FS02.DWG	Fire Sprinkler System Level 1 Central Courthouse	8	For Construction	Fire	ARA FIRE	09/11/2020	09/11/2020	Shop Drawing	13.9 MB	No
pdf	FS02A	Fire Sprinkler & hydrant systems Level 1 Residential Block	3	For Construction	Fire	ARA Fire	09/10/2020	09/10/2020	Shop Drawing	762.1 KB	No

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dwg	FS02A.DWG	Fire Sprinkler & hydrant systems Level 1 Residential Block	3	For Construction	Fire	ARA Fire	09/10/2020	09/10/2020	Shop Drawing	27.9 MB	No
pdf	FS03	Fire Sprinkler System Level 2 Central Courthouse and East Residential Blocks	6	For Construction	Fire	ARA Fire	09/10/2020	09/10/2020	Shop Drawing	953.9 KB	No
dwg	FS03.DWG	Fire Sprinkler System Level 2 Central Courthouse and East Residential Blocks	6	For Construction	Fire	ARA Fire	09/10/2020	09/10/2020	Shop Drawing	16.7 MB	No
pdf	FS04	Fire Sprinkler System Level 3 East Residential Block	4	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	790.9 KB	No
dwg	FS04.DWG	Fire Sprinkler System Level 3 East Residential Block	4	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	15.2 MB	No
pdf	FS05	Fire Sprinkler System Level 4 East Residential Block	4	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	644.1 KB	No
dwg	FS05.DWG	Fire Sprinkler System Level 4 East Residential Block	4	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	15.7 MB	No
pdf	FS06	Fire Sprinkler & hydrant systems Level 1 carpark	2	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	370.8 KB	No

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dwg	FS06.dwg	Fire Sprinkler & hydrant systems Level 1 carpark	2	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	13 MB	No
pdf	FS07	Fire Sprinkler & hydrant systems Level 2 Courthouse and West Education	2	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	528.3 KE	No
dwg	FS07.dwg	Fire Sprinkler & hydrant systems Level 2 Courthouse and West Education	2	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	9.3 MB	No
pdf	FS08	Fire Sprinkler & hydrant systems Level 3 Courthouse and West Education	2	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	435.3 KE	No
dwg	FS08.dwg	Fire Sprinkler & hydrant systems Level 3 Courthouse and West Education	2	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	15 MB	No
pdf	FS09	Fire Sprinkler & hydrant systems Level 4 Courthouse and West Education	2	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	371.7 KE	No
dwg	FS09.dwg	Fire Sprinkler & hydrant systems Level 4 Courthouse and West Education	2	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	15.7 MB	No

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pdf	FS15	Fire Hydrant Schematic	2	For Construction	Fire	ARA Fire	07/10/2020	06/10/2020	Shop Drawing	342.8 KB	No
dwg	FS15.dwg	Fire Hydrant Schematic	2	For Construction	Fire	ARA Fire	06/10/2020	06/10/2020	Shop Drawing	5.3 MB	No
pdf	INPT19226-001	GENERAL NOTES	A	For Construction	Structural	Interspan Pty Ltd	14/08/2020	05/08/2020	Shop Drawing	332.1 KB	No
pdf	INPT19226-010	LEVEL 2 RESIDENTIAL SHEAR DETAILS	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	207.9 KB	No
pdf	INPT19226-011	LEVEL 3 EDUCATION SHEAR DETAILS	B	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	02/11/2020	Shop Drawing	214.7 KB	No
pdf	INPT19226-012	LEVEL 4 RESIDENTIAL SHEAR DETAILS	B	For Construction	Structural	Interspan Pty Ltd	07/10/2020	23/09/2020	Shop Drawing	247.8 KB	No
pdf	INPT19226-013	ROOF RESIDENTIAL SHEAR DETAILS	B	For Construction	Post Tension	Interspan Pty Ltd	27/10/2020	27/10/2020	Shop Drawing	89.7 KB	No
pdf	INPT19226-019	LEVEL 2 EDUCATION SHEAR DETAILS	C	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	02/10/2020	Shop Drawing	172.1 KB	No
pdf	INPT19226-020	LEVEL 3 RESIDENTIAL SHEAR DETAILS SHEET 1 OF 2	A	For Construction	Post Tensioni	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	235.8 KB	No
pdf	INPT19226-021	LEVEL 4 EDUCATION SHEAR DETAILS	A	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	26/10/2020	Shop Drawing	183.5 KB	No
pdf	INPT19226-050	LEVEL 2 RESIDENTIAL SECTION DETAILS	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	81.7 KB	No

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pdf	INPT19226-051	LEVEL 3 RESIDENTIAL SECTION DETAILS	A	For Construction	Post Tensioni	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	151.2 KE	No
pdf	INPT19226-052	LEVEL 4 RESIDENTIAL SECTION DETAILS	B	For Construction	Structural	Interspan Pty Ltd	24/09/2020	23/09/2020	Shop Drawing	118.6 KE	No
pdf	INPT19226-053	ROOF RESIDENTIAL SECTION DETAILS	B	For Construction	Post Tension	Interspan Pty Ltd	27/10/2020	27/10/2020	Shop Drawing	60.6 KB	No
pdf	INPT19226-060	LEVEL 2 EDUCATION SECTION DETAILS	C	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	03/10/2020	Shop Drawing	196.7 KE	No
pdf	INPT19226-061	LEVEL 3 EDUCATION SECTION DETAILS	B	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	02/11/2020	Shop Drawing	93.7 KB	No
pdf	INPT19226-062	LEVEL 4 EDUCATION SECTION DETAILS	B	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	05/11/2020	Shop Drawing	80.6 KB	No
pdf	INPT19226-063	ROOF LEVEL EDUCATION SECTION DETAILS	A	For Construction	Post Tension	Interspan Pty Ltd	16/11/2020	29/10/2020	Shop Drawing	58.2 KB	No
pdf	INPT19226-1100	LEVEL 2 RESIDENTIAL GENERAL ARRANGEMENT PLAN	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	109.7 KE	No
dwg	INPT19226-1100-DWG	LEVEL 2 RESIDENTIAL GENERAL ARRANGEMENT PLAN	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	677.1 KE	No

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pdf	INPT19226-1101	LEVEL 2 RESIDENTIAL POST TENSIONING PLAN	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	269.3 KB	No
pdf	INPT19226-1102	LEVEL 2 RESIDENTIAL BOTTOM REINFORCEMENT PLAN	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	213.1 KB	No
pdf	INPT19226-1103	LEVEL 2 RESIDENTIAL TOP REINFORCEMENT PLAN	C	For Construction	Structural	Interspan Pty Ltd	14/08/2020	13/08/2020	Shop Drawing	188.3 KB	No
pdf	INPT19226-1200	LEVEL 3 RESIDENTIAL GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tensioni	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	116.9 KB	No
dwg	INPT19226-1200-DWG	LEVEL 3 RESIDENTIAL GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tensioni	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	1.7 MB	No
pdf	INPT19226-1201	LEVEL 3 RESIDENTIAL POST TENSIONING PLAN	A	For Construction	Post Tensioni	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	283.4 KB	No

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pdf	INPT19226-1202	LEVEL 3 RESIDENTIAL BOTTOM REINFORCEMENT PLAN	A	For Construction	Post Tensionir	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	210.2 KE	No
pdf	INPT19226-1203	LEVEL 3 RESIDENTIAL TOP REINFORCEMENT PLAN	A	For Construction	Post Tensionir	Interspan Pty Ltd	28/08/2020	28/08/2020	Shop Drawing	205.2 KE	No
pdf	INPT19226-1300	LEVEL 4 RESIDENTIAL GENERAL ARRANGEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	23/09/2020	Shop Drawing	186.3 KE	No
dwg	INPT19226-1300-DWG	LEVEL 4 RESIDENTIAL GENERAL ARRANGEMENT PLAN	B	For Construction	Structural	Interspan Pty Ltd	24/09/2020	23/09/2020	Shop Drawing	537.8 KE	No
pdf	INPT19226-1301	LEVEL 4 RESIDENTIAL POST TENSIONING PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	23/09/2020	Shop Drawing	380.2 KE	No
pdf	INPT19226-1302	LEVEL 4 RESIDENTIAL BOTTOM REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	23/09/2020	Shop Drawing	318.7 KE	No

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pdf	INPT19226-1303	LEVEL 4 RESIDENTIAL TOP REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	23/09/2020	Shop Drawing	302.9 KB	No
pdf	INPT19226-1400	ROOF RESIDENTIAL GENERAL ARRANGEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	06/11/2020	27/10/2020	Shop Drawing	146.4 KB	No
pdf	INPT19226-1401	ROOF RESIDENTIAL POST TENSIONING PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	06/11/2020	27/10/2020	Shop Drawing	174.1 KB	No
pdf	INPT19226-1402	ROOF RESIDENTIAL BOTTOM REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	27/10/2020	27/10/2020	Shop Drawing	177.7 KB	No
pdf	INPT19226-1403	ROOF RESIDENTIAL TOP REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	06/11/2020	27/10/2020	Shop Drawing	208.5 KB	No
pdf	INPT19226-2100	LEVEL 2 EDUCATION GENERAL ARRANGEMENT PLAN	C	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	03/10/2020	Shop Drawing	218.7 KB	No
dwg	INPT19226-2100-DWG	LEVEL 2 EDUCATION GENERAL ARRANGEMENT PLAN	C	For Construction	Structural	Interspan Pty Ltd	02/10/2020	03/10/2020	Shop Drawing	931.1 KB	No

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pdf	INPT19226-2101	LEVEL 2 EDUCATION POST TENSIONING PLAN	C	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	03/10/2020	Shop Drawing	229.3 KB	No
pdf	INPT19226-2102	LEVEL 2 EDUCATION BOTTOM REINFORCEMENT PLAN	D	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	03/10/2020	Shop Drawing	256.3 KB	No
pdf	INPT19226-2103	LEVEL 2 EDUCATION TOP REINFORCEMENT PLAN	D	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	03/10/2020	Shop Drawing	331.6 KB	No
pdf	INPT19226-2200	LEVEL 3 EDUCATION GENERAL ARRANGEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	02/11/2020	Shop Drawing	195.4 KB	No
dwg	INPT19226-2200-DWG	LEVEL 3 EDUCATION GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	07/10/2020	15/09/2020	Shop Drawing	3.5 MB	No
pdf	INPT19226-2201	LEVEL 3 EDUCATION POST TENSIONING PLAN	C	For Construction	Post Tension	Interspan Pty Ltd	03/11/2020	03/11/2020	Shop Drawing	218.6 KB	No
pdf	INPT19226-2202	LEVEL 3 EDUCATION BOTTOM REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	02/11/2020	Shop Drawing	288.8 KB	No

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pdf	INPT19226-2203	LEVEL 3 EDUCATION TOP REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	02/11/2020	Shop Drawing	269.3 KE	No
pdf	INPT19226-2300	LEVEL 4 EDUCATION GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	26/10/2020	Shop Drawing	89.5 KB	No
dwg	INPT19226-2300-DWG	LEVEL 4 EDUCATION GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	27/10/2020	26/10/2020	Shop Drawing	3 MB	No
pdf	INPT19226-2301	LEVEL 4 EDUCATION POST TENSIONING PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	26/10/2020	Shop Drawing	229.4 KE	No
pdf	INPT19226-2302	LEVEL 4 EDUCATION BOTTOM REINFORCEMENT PLAN	B	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	05/11/2020	Shop Drawing	184.9 KE	No
pdf	INPT19226-2303	LEVEL 4 EDUCATION TOP REINFORCEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	09/11/2020	26/10/2020	Shop Drawing	170.3 KE	No
pdf	INPT19226-2400	ROOF LEVEL EDUCATION GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	16/11/2020	29/10/2020	Shop Drawing	72.8 KB	No

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dwg	INPT19226-2400-DWG	ROOF LEVEL EDUCATION GENERAL ARRANGEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	02/11/2020	29/10/2020	Shop Drawing	3.7 MB	No
pdf	INPT19226-2401	ROOF LEVEL EDUCATION POST TENSIONING PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	16/11/2020	29/10/2020	Shop Drawing	139.2 KB	No
pdf	INPT19226-2402	ROOF LEVEL EDUCATION BOTTOM REINFORCEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	16/11/2020	29/10/2020	Shop Drawing	161.3 KB	No
pdf	INPT19226-2403	ROOF LEVEL EDUCATION TOP REINFORCEMENT PLAN	A	For Construction	Post Tension	Interspan Pty Ltd	16/11/2020	29/10/2020	Shop Drawing	109 KB	No
pdf	KONE E1 For Construct	KONE E1 For Construction Drawings	FOR	For Construction	Vertical Trans	KONE Elevators NSW	23/09/2020	07/09/2020	Shop Drawing	2.2 MB	No
pdf	KONE R2 For Construct	KONE R2 For Construction Drawings	FOR	For Construction	Vertical Trans	KONE Elevators NSW	23/09/2020	07/09/2020	Shop Drawing	976.8 KB	No
pdf	KONE R3 For Construct	KONE R3 For Construction Drawings	FOR	For Construction	Vertical Trans	KONE Elevators NSW	23/09/2020	07/09/2020	Shop Drawing	964 KB	No
pdf	MS01-01A	LEVEL 1 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	396.7 KB	No
dwg	MS01-01A_dwg	LEVEL 1 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	238 KB	No

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pdf	MS01-01B	LEVEL 1 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	395.7 KB	No
dwg	MS01-01B_dwg	LEVEL 1 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	197.4 KB	No
pdf	MS01-03A	LEVEL 1 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	662.4 KB	No
dwg	MS01-03A_DWG	LEVEL 1 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	1.1 MB	No
pdf	MS01-03B	LEVEL 1 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	730.4 KB	No
dwg	MS01-03B_DWG	LEVEL 1 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	1.2 MB	No
pdf	MS02-01A	LEVEL 2 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	270.8 KB	No
dwg	MS02-01A_dwg	LEVEL 2 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	575.4 KB	No
pdf	MS02-01B	LEVEL 2 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	335.6 KB	No

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dwg	MS02-01B_dwg	LEVEL 2 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	809.2 KB	No
pdf	MS02-03A	LEVEL 2 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	543.7 KB	No
dwg	MS02-03A_DWG	LEVEL 2 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	1 MB	No
pdf	MS02-03B	LEVEL 2 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	508.5 KB	No
dwg	MS02-03B_DWG	LEVEL 2 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	859.4 KB	No
pdf	MS03-01A	LEVEL 3 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	249.9 KB	No
dwg	MS03-01A_dwg	LEVEL 3 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	499.8 KB	No
pdf	MS03-01B	LEVEL 3 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	318.8 KB	No
dwg	MS03-01B_dwg	LEVEL 3 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	730.3 KB	No

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dwg	MS03-03A_DWG	LEVEL 3 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	1 MB	No
pdf	MS03-03B	LEVEL 3 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	519.1 KE	No
dwg	MS03-03B_DWG	LEVEL 3 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	861.6 KE	No
pdf	MS04-01A	LEVEL 4 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	171.3 KE	No
dwg	MS04-01A_dwg	LEVEL 4 - EDUCATION - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	190.7 KE	No
pdf	MS04-01B	LEVEL 4 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	304.5 KE	No
dwg	MS04-01B_dwg	LEVEL 4 - EDUCATION - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	707.5 KE	No
pdf	MS04-03A	LEVEL 4 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	204.3 KE	No
dwg	MS04-03A_DWG	LEVEL 4 - RESIDENTIAL - PART A	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	269.2 KE	No

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pdf	MS04-03B	LEVEL 4 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	496.7 KB	No
dwg	MS04-03B_DWG	LEVEL 4 - RESIDENTIAL - PART B	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	1,021.1	No
pdf	MS05-01	ROOF - EDUCATION	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	94.6 KB	No
dwg	MS05-01_dwg	ROOF - EDUCATION	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	13/11/2020	13/11/2020	Shop Drawing	115 KB	No
pdf	MS05-03	ROOF - RESIDENTIAL	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	159.7 KB	No
dwg	MS05-03_DWG	ROOF - RESIDENTIAL	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	248.8 KB	No
pdf	MS07-30	SECTIONS AND DETAILS	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	285.8 KB	No
pdf	MS07-31	SECTIONS AND DETAILS	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	272.5 KB	No
pdf	MS07-32	SECTIONS AND DETAILS	A	For Construction	Mechanical	Coles Refrigeration & Air Conditioning	23/10/2020	23/10/2020	Shop Drawing	303.4 KB	No

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File	Document No	Title	Revis	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	QT03630-2	Exhaust hood Drawing	3	For Construction	Kitchen	J&H Commercial Services	27/10/2020	15/07/2020	Shop Drawing	430 KB	No

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File	Document No	Title	Revision	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	8129-NIHON UNIVERSITY-SD-00	DRAWING SCHEDULE	C	Approved	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	430.4 KB	No
pdf	8129-NIHON UNIVERSITY-SD-01	LEVEL 01 FLOOR PLAN	C	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	1.5 MB	No
pdf	8129-NIHON UNIVERSITY-SD-02	LEVEL 03 FLOOR PLAN	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	1.1 MB	No
pdf	8129-NIHON UNIVERSITY-SD-03	LEVEL 04 FLOOR PLAN	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	1.1 MB	No
pdf	8129-NIHON UNIVERSITY-SD-04	ROOF LEVEL FLOOR PLAN	C	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	798.1 KB	No
pdf	8129-NIHON UNIVERSITY-SD-05	OVERALL NORTH & SOUTH ELEVATION	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	867.2 KB	No
pdf	8129-NIHON UNIVERSITY-SD-06	OUTER WEST & EAST ELEVATION	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	721.7 KB	No
pdf	8129-NIHON UNIVERSITY-SD-07	EXTERNAL SUNSCREENS NORTH ELEVATION - RESIDENTIAL	D	Approved	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	780.8 KB	No
pdf	8129-NIHON UNIVERSITY-SD-08	EXTERNAL SUNSCREENS NORTH ELEVATION - EDUCATIONAL	D	Approved	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	772 KB	No

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File	Document No	Title	Revision	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	8129-NIHON UNIVERSITY-SD-09	EXTERNAL SUNSCREENS WEST ELEVATION - EDUCATIONAL	D	Approved	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	759.2 KB	No
pdf	8129-NIHON UNIVERSITY-SD-10A	ARCADIA ZEST® B25x40mm & B45x75mm FIXED EXTERNAL SUNSCREENS DETAIL	D	Approved	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	510.9 KB	No
pdf	8129-NIHON UNIVERSITY-SD-12	ARCADIA ZEST® B40x80mm FIXED PERGOLA BATTENS DETAIL	E	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	640.4 KB	No
pdf	8129-NIHON UNIVERSITY-SD-19	ARCADIA HUSH® 300 ACOUSTIC LOUVRES DOOR DETAIL	C	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	647 KB	No
pdf	8129-NIHON UNIVERSITY-SD-20	ARCADIA SPUR® EL1-160 NON ACOUSTIC LOUVRES DETAIL	C	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	768.5 KB	No
pdf	8129-NIHON UNIVERSITY-SD-22	ARCADIA SPUR® EL1-160 NON ACOUSTIC LOUVRES DOOR DETAIL	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	487.2 KB	No

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File	Document No	Title	Revision	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	8129-NIHON UNIVERSITY-SD-23	ARCADIA SPUR® EL1-100 LOUVRES DETAIL	C	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	22/10/2020	Shop Drawing	587.4 KB	No
pdf	8129-NIHON UNIVERSITY-SD-24	ARCADIA SPUR® EL1-100 LOUVRES DETAIL	B	Approved Subject to Comments	Architectural	Arcadia	29/10/2020	28/08/2020	Shop Drawing	511.8 KB	No
pdf	8657 - J06 - Closet Teachers Rooms - Type 1 & 2 - RA - For Approval	8657 - J06 - Closet Teachers Rooms - Type 1 & 2 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	1.4 MB	No
pdf	8657 - J07A - Teachers Kitchen Type 1 - RA - For Approval	8657 - J07A - Teachers Kitchen Type 1 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	477.6 KB	No
pdf	8657 - J07B - Teachers Kitchen Type 2 - RA - For Approval	8657 - J07B - Teachers Kitchen Type 2 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	897.4 KB	No
pdf	8657 - J08 - Teachers Bedhead - RA - For Approval	8657 - J08 - Teachers Bedhead - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	447 KB	No
pdf	8657 - J09 - Teachers Shelving - RA - For Approval	8657 - J09 - Teachers Shelving - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	368.9 KB	No
pdf	8657 - J10 - Teachers Desk & Shelving - RA - For Approval	8657 - J10 - Teachers Desk & Shelving - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	384.4 KB	No

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File	Document No	Title	Revision	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	8657 - J11A - Cupboard Student Lobbies - RA - For Approval	8657 - J11A - Cupboard Student Lobbies - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	1.4 MB	No
pdf	8657 - J11B - Cupboard Student Lobbies - RA - For Approval	8657 - J11B - Cupboard Student Lobbies - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	1.4 MB	No
pdf	8657 - J12 - Vanity Student Lobbies - RA - For Approval	8657 - J12 - Vanity Student Lobbies - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	1.4 MB	No
pdf	8657 - J13 - J14 - Closet & Shelving Student Rooms - RA - For Approval	8657 - J13 - J14 - Closet & Shelving Student Rooms - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	393 KB	No
pdf	8657 - J15 - Pantry Staff Room - RA - For Approval	8657 - J15 - Pantry Staff Room - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	376.9 KB	No
pdf	8657 - J16 - Bathroom Shelving Staff Room - RA - For Approval	8657 - J16 - Bathroom Shelving Staff Room - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	388.9 KB	No
pdf	8657 - J17 - Kitchen - L1 - RA - For Approval	8657 - J17 - Kitchen - L1 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	757 KB	No
pdf	8657 - J18 - Kitchen - L2 & L3 - RA - For Approval	8657 - J18 - Kitchen - L2 & L3 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	1.1 MB	No

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File	Document No	Title	Revision	Status	Discipline	Organization	Date Modified	Revision Date	Type	Size	Lock
pdf	8657 - J19 - Kitchen - Existing Building - L3 - RA - For Approval	8657 - J19 - Kitchen - Existing Building - L3 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	1.1 MB	No
pdf	8657 - J20 - Pantry - Existing Building - L2 - RA - For Approval	8657 - J20 - Pantry - Existing Building - L2 - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	19/10/2020	01/10/2020	Shop Drawing	1.1 MB	No
pdf	8657 - Vanity 1 Bowl - Typical - RA - For Approval	8657 - Vanity 1 Bowl - Typical - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	393.2 KB	No
pdf	8657 - Vanity 2 Bowl - Typical - RA - For Approval	8657 - Vanity 2 Bowl - Typical - RA - For Approval	A	Approved Subject to Comments	Architectural	Pluim Joinery P/L	23/10/2020	29/09/2020	Shop Drawing	406.6 KB	No
pdf	895-BC-L2-CP	Residential Building C Level 2 - Concrete profile	B	Approved Subject to Comments	Structural	Climbform Engineering	10/08/2020	30/06/2020	Shop Drawing	603.1 KB	No
pdf	895-BC-L2-TL	Residential Building C Level 2 - Table layout	B	Approved	Structural	Climbform Engineering	10/08/2020	30/06/2020	Shop Drawing	364.9 KB	No
pdf	GU39641-7	RB150 lift specification	7	Reviewed with Comments	Vertical Transportation	Lifts 4 Life P/L	08/10/2020	25/08/2020	Shop Drawing	439.2 KB	No
pdf	H-17 Syfonic - 3970-819V1 - EDUCATION - LEVEL 4 - SANITARY DRAINAGE_REV C	H-17 Syfonic Mark-Up	1	Reviewed with Comments	Hydraulic	Gerrard Murphy (Drainage) Pty Limited	20/08/2020	30/07/2020	Shop Drawing	665.5 KB	No
pdf	H-25 Syfonic - 3970-819V1 - EDUCATION - ROOF - ROOF DRAINAGE_REV B	H-25 Syfonic Mark-Up	1	Reviewed with Comments	Hydraulic	Gerrard Murphy (Drainage) Pty Limited	20/08/2020	30/07/2020	Shop Drawing	514.4 KB	No

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pdf	H-27 Syfonic - 3970-819V1 - RESIDENTIAL ROOF - ROOF DRAINAGE_REV A	H-27 Syfonic Mark-Up	1	Reviewed with Comments	Hydraulic	Gerrard Murphy (Drainage) Pty Limited	20/08/2020	30/07/2020	Shop Drawing	525.1 KB	No
pdf	INPT19226-0000	Typical Shear Details	0	Approved Subject to Comments	Post Tensioning Shop Drawing	Interspan Pty Ltd	08/09/2020	20/08/2020	Shop Drawing	1.7 MB	No
dwg	INPT19226-1400-DWG	ROOF RESIDENTIAL GENERAL ARRANGEMENT PLAN	A	Approved	Structural	Interspan Pty Ltd	12/10/2020	30/09/2020	Shop Drawing	1.2 MB	No
pdf	PD/MSB/Lables	Main switch board	0	Approved Subject to Comments	Electrical Shop Drawings	Mailec Electrical Pty Ltd	08/09/2020	28/07/2020	Shop Drawing	140.1 KB	No
zip	PD/MSB/REV2	Main switch board	1	Approved Subject to Comments	Electrical Shop Drawings	Mailec Electrical Pty Ltd	08/09/2020	28/07/2020	Shop Drawing	943 KB	No
pdf	Q9613-01RevB AFM	Barrisol Shop Drawing 01	B	Approved Subject to Comments	Architectural	Barrisol Ryan	22/10/2020	09/09/2020	Shop Drawing	1.5 MB	No
pdf	Q9613-02RevB AFM	Barrisol Shop Drawing 02	B	Approved Subject to Comments	Architectural	Barrisol Ryan	22/10/2020	09/09/2020	Shop Drawing	1.9 MB	No

Appendix I – Statused SSD-9787 Conditions Matrix

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
	PART A - ADMINISTRATIVE CONDITIONS						
	Obligation to Minimise Harm to the Environment						
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasbible measures must be implemented to prevent, and, if prevention is not reasonable and feasible, minimise any material harm to the environment that may result from the construction and operation of the development.	Note	Note		21-Jan-20	✓	Compliant
	Terms of Consent						
A2	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS and Response to Submissions; (d) in accordance with the approved plans in the table below:	Note	Note				Note
A3	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; (b) any reports, reviews or audits commissioned by the Planning Secretary regarding compliance with this approval; and (c) the implementation of any actions or measures contained in any such document referred to in (a) above.	Note	Note				Note
A4	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	Note	Note				Note
	Limits of Consent						
A5	This consent lapses five years after the date of consent unless work is physically commenced.	Note	Note				Note
	Prescribed Conditions						
A6	The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	Note	Note				Note
	Planning Secretary as Moderator						
A7	In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter must be binding on the parties.	Note	Note				Note
	Evidence of Consultation						
A8	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document for information or approval; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Note	Note		21-Jan-20	✓	Compliant
	Staging						
A9	The project may be constructed and operated in stages. Where staged construction or operation is proposed, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted for the information of the Planning Secretary. The Staging Report must be submitted to the Planning Secretary no later than one month before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, one month before the commencement of operation of the first of the proposed stages of operation).	Note	Note		23-Jan-20		Closed
A10	A Staging Report prepared in accordance with condition A9 must: (a) if staged construction is proposed, set out how the construction of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when construction of each stage will commence and finish; (b) if staged operation is proposed, set out how the operation of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when operation of each stage will commence and finish (if relevant); (c) specify how compliance with conditions will be achieved across and between each of the stages of the project; and (d) set out mechanisms for managing any cumulative impacts arising from the proposed staging.				24-Jan-20		Closed
A11	Where staging is proposed, the project must be staged in accordance with the Staging Report, as submitted to the Planning Secretary.	Note	Note				Note
A12	Where staging is proposed, the terms of this approval that apply or are relevant to the works or activities to be carried out in a specific stage must be complied with at the relevant time for that stage.	Note	Note				Note
	Staging, Combining and Updating Strategies, Plans or Programs						
A13	With the approval of the Planning Secretary, the Applicant may: (a) prepare and submit any strategy, plan (including management plan, architectural or design plan) or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan (including management plan, architectural or design plan) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan, architectural or design plan) or program); (b) combine any strategy, plan (including management plan, architectural or design plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan, architectural or design plan) or programs that are proposed to be combined); and (c) update any strategy, plan (including management plan, architectural or design plan), or program required by this consent (to ensure the strategies, plans (including management plan, architectural or design plan), or programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	Note	Note			✓	Not triggered this period

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
A14	If the Planning Secretary agrees, a strategy, plan (including management plan, architectural or design plan), or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Note	Note				Note
A15	If approved by the Planning Secretary, updated strategies, plans (including management plan, architectural or design plan), or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan, program or drawing.	Note	Note				Note
	Structural Adequacy						
A16	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA and any additional requirements of the Subsidence Advisory NSW where the building or structure is located on land within a declared Mine Subsidence District. Notes: • Part 8 of the EP&A Regulation sets out the requirements for the certification of the development. • Under section 21 of the Coal Mine Subsidence Compensation Act 2017, the Applicant is required to obtain the Chief Executive of Subsidence Advisory NSW's approval before carrying out certain development in a Mine Subsidence District.				23-Jul-20		Closed - CC2b
	[i] Structural adequacy of new buildings engineering certification required to the Certifier		**Built**	**Northrop**			Closed
	[ii] Structural adequacy of existing courthouse - certification required for earthquake strengthening + termite repairs - passed to the Certifier	**Nihon**		**Cardno | dwp**			**Closed**
	External Walls and Cladding						
A17	The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.				02-Sep-20		Closed - Refer dwp design statement 03 dated 02/09/20
	[i] Design certification of external walls including insulation		**Built**	**dwp | Northrop**			
	Site Contamination						
A18	Following the completion of demolition works and prior to the commencement of all other construction, additional site investigations of previously untested or inaccessible areas of the site must be undertaken in accordance with: (a) interim advice dated12 November 2019 and prepared by NSW EPA Accredited Site Auditor Ian Gregson, Principal Environmental Consultant, GHD; (b) the recommendations provided in the Phase 1 Environmental Site Assessment – Technical Note dated 29 April 2019 and prepared by Cardno; (c) NSW EPA Sampling Design Guidelines; (d) Guidelines for the NSW Site Auditor Scheme (3rd edition) 2017 https://www.epa.nsw.gov.au/publications/contaminatedland/17p0269-guidelines-for- thensw-site-auditor-scheme-third-edition; (e) Guidelines for Consultants Reporting on Contaminated Sites, 2011 www.epa.nsw.gov.au/resources/clm/20110650consultantsglines.pdf; (f) The National Environment Protection (assessment of contamination) Measures 2013 as amended; and (g) testing must include assessment of both the soil and groundwater profile.				28-Apr-20		Closed - Douglas Partners DSI Report accepted by GHD.
	[i] Additional site testing and reporting to be undertaken once demolition completed		**Built**	**Douglas Partners**			**Closed**
	[ii] Reviewing and advice on test methods	**Nihon**		**GHD | dwp**			**Closed**
A19	The additional site investigations report must be reviewed by a NSW EPA Accredited Site Auditor and the Conceptual Remediation Action Plan dated 28 May 2019, prepared by Cardno must be updated to reflect the findings of the additional site investigations required by condition A18. The updated remediation action plan must be approved by a NSW EPA Accredited Site Auditor and submitted to the Planning Secretary prior to the commencement of remediation works.				28-Apr-20		Closed - Approved RAP & DSI submitted to DPIE by dwp on 28/04/2020
	[i] Remedial Action Plan required to be updated and to be submitted to site auditor		**Built**	**Douglas Partners**			**Closed**
	[ii] Updated report to be reviewed and approved and forwarded to EPA + planning secretary	**Nihon**		**GHD | dwp**			**Closed**
A20	Remediation works approved as part of this development consent must be carried out in accordance with the remediation action plan approved by a NSW EPA Accredited Site Auditor pursuant to condition A19.					✓	Compliant - ongoing
	[i] Remedial works to be carried out in accordance with the approved RAP - certification required		**Built**	**Douglas Partners**			
	[ii] Review of completed remedial works documentation	**Nihon**		**GHD | dwp**			
	Applicability of Guidelines						
A21	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.	Note	Note				Note
A22	Consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	Note	Note				Note
	Monitoring and Environmental Audits						
A23	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, noncompliance notification, Site audit report and independent auditing.	Note	**Built**	**GHD | dwp**		✓	Compliant - monitoring undertaken in accordance with plans.
	Note: For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.						Note
	Access to Information						

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
A24	At least 48 hours before the commencement of construction until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must: (a) make the following information and documents (as they are obtained or approved) publicly available on its website: (i) the documents referred to in condition A2 of this consent; (ii) all current statutory approvals for the development; (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) regular reporting on the environmental performance of the development in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent; (v) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (vi) a summary of the current stage and progress of the development; (vii) contact details to enquire about the development or to make a complaint; (viii) a complaints register, updated monthly; (ix) audit reports prepared as part of any independent audit of the development and the Applicant's response to the recommendations in any audit report; (x) any other matter required by the Planning Secretary; and (b) keep such information up to date, to the satisfaction of the Planning Secretary.				23-Jan-20		Closed
	[i] Information required from contractor to be supplied throughout the construction phase - information website to be displayed on site		**Built**				**Closed**
	[ii] Web site to be established and maintained with current documents - updated with construction inputs - before the commencement of construction	**Nihon**		**Azusa | dwp**			**Closed**
	Compliance						
A25	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Note	Note		21-Jan-20		Noted - provided within contract documents & included within Site Induction
	Incident Notification, Reporting and Response						
A26	The Planning Secretary must be notified in writing to compliance@planning.nsw.gov.au immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident.	Note	Note				Note
A27	Subsequent notification must be given and reports submitted in accordance with the requirements set out in **Appendix 2.**	Note	Note				
	Non-Compliance Notification						
A28	The Planning Secretary must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non-compliance. The Certifying Authority must also notify the Planning Secretary in writing to compliance@planning.nsw.gov.au within seven days after they identify any non-compliance.	Note	Note				Note
A29	The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Note	Note				Note
A30	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Note	Note				
	Revision Strategies, Plans and Programs						
A31	Within three months of: (a) the submission of a compliance report under condition C22; (b) the submission of an incident report under condition A27; (c) the submission of an Independent Audit under condition C32; (d) the approval of any modification of the conditions of this consent; or (e) the issue of a direction of the Planning Secretary under condition A2 which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Planning Secretary and the Certifier must be notified in writing that a review is being carried out. If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans, programs or drawings required under this consent must be revised, to the satisfaction of the Planning Secretary and/or Certifier (where relevant). Where revisions are required, the revised document must be submitted to the Planning Secretary and/or Certifier for approval and/or information (where relevant) within six weeks of the review. Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.						Not triggered this period
	[i] Review and report strategy to be put in place		**Built**				**Closed**
	[ii] Review and report strategy to be put in place	**Nihon**		**Azusa | dwp**			**Closed**
	PART B - PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE						
	Certified Drawings						
B1	Prior to the issue of the relevant Construction Certificate, the Applicant must submit to the satisfaction of the Certifier structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with this development consent.				23-Jul-20		Closed
	[i] Structural certification of compliance of new buildings - issued to the Certifier		**Built**	**Northrop**			**Closed**
	[ii] Structural certification of compliance of existing courthouse building - issued to the Certifier	**Nihon**		**Cardno**			**Closed**
	Development Contributions						
B2	Prior to the issue of any Construction Certificate (not including demolition or site remediation works), a Section 7.12 levy totalling **$288,992**, is to be paid to Council in accordance with Section 7.12 of the EP&A Act and City of Newcastle Section 7.12 Newcastle Local Infrastructure Contributions Plan 2019. Prior to payment Council can provide the value of the indexed levy.				21-Apr-20		Closed CC#1
	[i] Developer contribution to be paid prior to commencement of construction	**Nihon**		**Azusa | dwp**			

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		Owner	Contractor				
	External Walls and Cladding						
B3	Prior to the issue of any Construction Certificate, the Applicant must provide the Certifier with documented evidence that the products and systems proposed for use or used in the construction of external walls, including finishes and claddings such as synthetic or aluminium composite panels, comply with the requirements of the BCA. The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.				02-Sep-20		Closed
	[i] Documented evidence to the Certifier and a copy to the Planning Secretary required	**Nihon**		**dwp | Azusa**			**Closed**
	Protection of Public Infrastructure						
B4	Prior to the issue of the relevant Construction Certificate, the Applicant must: (a) consult with the relevant owner and provider of services that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure; (b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters and footpaths); and (c) submit a copy of the dilapidation report to the Planning Secretary, Certifier and Council.				23-Jan-20		Closed
	[i] Communications strategies and dilapidation survey to be undertaken - copy of dilapidation report to Certifier + Council		**Built**				**Closed**
	[ii] Copy of dilapidation report forwarded to Planning Secretary	**Nihon**		**dwp**			**Closed**
	Pre-Construction Dilapidation Report						
B5	Prior to the issue of the relevant Construction Certificate, the Applicant must submit a pre- commencement dilapidation report to Council, NSW Heritage Division and the Certifier. The report must provide an accurate record of the existing condition of adjoining private properties, heritage items and Council assets that are likely to be impacted by the proposed works.				23-Jan-20		Closed
	[i] Dilapidation survey to be undertaken - copy of dilapidation report to Certifier + Council		**Built**				**Closed**
	[ii] Copy of dilapidation report forwarded to Planning Secretary	**Nihon**		**dwp**			**Closed**
	Ecologically Sustainable Development						
B6	Prior to the issue of any Construction Certificate, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate that ESD is being achieved by either: (a) registering for a minimum 4 star Green Star rating with the Green Building Council Australia and submit evidence of registration to the Certifier; or (b) seeking approval from the Planning Secretary for an alternative certification process.				10-Feb-20		Closed
	[i] Management of the green star process - assistance with alternative certification process		**Built**	**dwp|Northrop**			**Closed**
	[ii] Resolution of alternative certification process - notification to Planning Secretary for approval	**Nihon**		**Azusa | dwp**	**17-Jan-20**		**Closed**
	Operational Waste Storage and Processing						
B7	Prior to the issue of the relevant Construction Certificate, the Applicant must obtain agreement from Council for the design of the operational waste storage area (where waste removal will be undertaken by Council). Where waste removal will be undertaken by a third party, the design of the operational waste storage area must be in accordance with Council's standards. Evidence of the design and Council endorsement (where relevant) must be provided to the Certifier.				16-Apr-20		Closed - dwp Aconex of 6/04/20 ref: dwp AU-GCOR-000296 and dwp design statement 01 dated 16/04/20
	[i] DA approved stormwater drawings to be fowarded to Certifier		**Built**	**dwp|Northrop**			**Closed**
	[ii] Evidence of design and Council endorsement of operational waste storage and processing to be submitted to Certifier	**Nihon**		**Azusa | dwp**			**Closed**
	Rainwater Harvesting						
B8	Prior to the issue of the relevant Construction Certificate, the Applicant must ensure that a rainwater reuse/harvesting system for the development is developed for the site. A rainwater re- use plan must be prepared and certified by an experienced hydraulic engineer.				27-May-20		Closed - Submitted as part of CC#2 documentation
	[i] Rainwater reuse has been designed installation to be finalised + provided to the Certifier		**Built**	**Cardno | Northrop**			**Closed**
	Operational Car Parking and Service Vehicle Layout						
B9	Prior to the issue of the relevant Construction Certificate, compliance with the following requirements must be submitted to the satisfaction of the Certifier: (a) all vehicles must enter and leave the Site in a forward direction; (b) a minimum of 20 on-site car parking spaces for use during operation of the development and designed in accordance with the latest versions of AS 2890.1 and AS 2890.6; (c) the swept path of the longest construction vehicle entering and exiting the Site in association with the new work, as well as manoeuvrability through the Site, must be in accordance with the latest version of AS 2890.2; (d) the safety of vehicles and pedestrians accessing adjoining properties, where shared vehicle and pedestrian access occurs, is to be addressed; and (e) traffic management devices in the form of 'Stop' and 'Give Way to Pedestrian' signs and line marking must be installed at the entry of proposed driveways within the site and constructed in accordance with AS 2890.1:2004: Parking facilities 0 Off-street car parking.				16-Apr-20		Closed - Refer dwp design statement 01 dated 16/04/20
	[i] Final car parking and service layouts to be design certified + provided to the Certifier		**Built**	**dwp | Northrop**			**Closed**
	Bicycle Parking and End of Trip Facilities						

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		Owner	Contractor				
B10	Prior to the issue of the relevant Construction Certificate, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the satisfaction of the Certifier: (a) the provision of a minimum 22 bicycle parking spaces; (b) the layout, design and security of bicycle facilities must comply with the minimum requirements of the latest version of AS 2890.3:2015 Parking facilities - Bicycle parking, and be located in easy to access, well-lit areas that incorporate passive surveillance; (c) the provision of end-of-trip facilities for staff; (d) appropriate pedestrian and cyclist advisory signs are to be provided; and (e) all works/regulatory signposting associated with the proposed developments shall be at no cost to the relevant roads authority				16-Apr-20		Closed - Refer dwp design statement 01 dated 16/04/20
	[i] Final bicycle parking and service facilities to be design certified + provided to the Certifier		**Built**	**Cardno | Northrop**			**Closed**
	PART C - PRIOR TO COMMENCMENT OF CONSTRUCTION						
	Notice of Commencement						
C1	The Applicant must notify the Planning Secretary in writing of the dates of commencement of physical work and operation at least 48 hours before those dates.	Note	Note		23-Jul-20		Closed - CC2b
	[i] Notification of commencement required to the Planning Secretary		**Built**	**dwp**			**Closed**
C2	If the construction or operation of the development is to be staged, the Planning Secretary must be notified in writing at least 48 hours before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Note	Note		23-Jul-20		Closed
	[i] Notification of commencement of each construction stage required to the Planning Secretary		**Built**	**dwp**			**Closed**
	Construction Certificate						
C3	Work must not commence until a Construction Certificate in respect of the work has been issued.				23-Jul-20		Closed
	[i] Construction certification process to be managed		**Built**	**dwp**			**Closed**
	Outdoor Lighting						
C4	Prior to commencement of lighting installation, evidence must be submitted to the satisfaction of the Certifier that all outdoor lighting within the site has been designed to comply with AS 1158.3.1:2005 Lighting for roads and public spaces – Pedestrian area (Category P) lighting – Performance and design requirements and AS 4282-2019 Control of the obtrusive effects of outdoor lighting.				23-Jul-20		Closed - CC2b
	[i] Finalise in outdoor lighting design process and submit to the Certifier		**Built**	**dwp|Northrop**			**Closed**
	Demolition						
C5	Prior to the commencement of construction, demolition work plans required by AS 2601-2001 The demolition of structures (Standards Australia, 2001) must be accompanied by a written statement from a suitably qualified person that the proposals contained in the work plan comply with the safety requirements of the Standard. The work plans and the statement of compliance must be submitted to the Certifier and Planning Secretary.				21-Jan-20		Closed
	[i] Demolition work plans and statement submitted to the certifier		**Built**	**Northrop**	**21-Jan-20**		**Closed**
	[ii] Copy of works plans and statement forwarded to Planning Secretary	**Nihon**		**dwp**	**21-Jan-20**		**Closed**
C6	Prior to the commencement of internal demolition works within the State heritage listed former Newcastle Courthouse, evidence must be submitted to the satisfaction of the Certifier confirming works planned are required to make the existing building compliant with the fire and Life Safety Upgrade Strategy, prepared by Design Confidence, dated 12 June 2019, and that impacts to areas of high significant fabric have been limited.				21-Jan-20		Closed
	[i] Fire and life safety strategy to be confirmed through fire engineering and forwarded to the Certifier		**Built**	**dwp|Northrop**			**Closed**
	Environment Management Plan Requirements						
C7	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include: (a) detailed baseline data; (b) details of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures and criteria; and (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; (c) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria; (d) a program to monitor and report on the: (i) impacts and environmental performance of the development; (ii) effectiveness of the management measures set out pursuant to paragraph (c) above; (e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible; (f) a program to investigate and implement ways to improve the environmental performance of the development over time; (g) a protocol for managing and reporting any: (i) incident and any non-compliance (specifically including any exceedance of the impact assessment criteria and performance criteria); (ii) complaint; (iii) failure to comply with statutory requirements; and (h) a protocol for periodic review / update of the plan and any updates in response to incidents or matters of non-compliance. Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans				27-Aug-20		Closed
	[i] Plan requirements incorporated in construction works		Built				**Closed**
	[ii] Assessment of plan requirements following on from occupation	**Nihon**		**Azusa | dwp**			**Closed**
	Construction Environmental Management Plan						

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		Owner	Contractor				
C8	Prior to the commencement of construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary. The CEMP must include, but not be limited to, the following: (a) Details of: (i) hours of work; (ii) 24-hour contact details of site manager; (iii) management of dust and odour to protect the amenity of the neighbourhood; (iv) stormwater control and discharge; (v) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; (vi) groundwater management plan including measures to prevent groundwater contamination; (vii) external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; (viii) community consultation and complaints handling; (b) Construction Traffic and Pedestrian Management Sub-Plan (see condition C10); (c) Construction Noise and Vibration Management Sub-Plan (see condition C11); (d) Construction Waste Management Sub-Plan (see condition C11(g)); (e) an unexpected finds protocol for contamination and associated communications procedure; (f) an unexpected finds protocol for non-Aboriginal heritage and associated communications procedure; (g) waste classification (for materials to be removed) and validation (for materials to remain) be undertaken to confirm the contamination status in these areas of the site; and				27-Aug-20		Closed - updated after GHD Audit 02 and submitted to DPIE
	[i] CEMP developed by contractor + submission to the Certifier		**Built**		**22-Jan-20**		**Closed**
	[ii] Copy of CEMP forwarded to Planning Secretary	**Nihon**		**dwp**	**22-Jan-20**		**Closed**
C9	The Applicant must not commence construction of the development until the CEMP is submitted to the Certifier and a copy submitted to the Planning Secretary.	Note	Note		27-Aug-20		Closed
C10	The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with Council; (c) detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services; (d) detail heavy vehicle routes, access and parking arrangements; (e) include a Driver Code of Conduct to: (i) minimise the impacts of earthworks and construction on the local and regional road network; (ii) minimise conflicts with other road users; (iii) minimise road traffic noise; and (iv) ensure truck drivers use specified routes; (f) include a program to monitor the effectiveness of these measures; and (g) if necessary, detail procedures for notifying residents and the community (including local schools), of any potential disruptions to routes.				27-Aug-20		Closed - Updated CTPMSP includes additional consultation with Council.
	[i] CTPMSP developed by contractor + submission to Certifier		**Built**				**Closed**
	[ii] Submission to the Planning Secretary required	**Nihon**		**dwp**			**Closed**
C11	The Construction Noise and Vibration Management Sub-Plan must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced noise expert; (b) describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009); (c) describe the measures to be implemented to manage high noise generating works such as piling, in close proximity to sensitive receivers; (d) include strategies that have been developed with the community for managing high noise generating works; (e) describe the community consultation undertaken to develop the strategies in condition C11(d); (f) include a complaints management system that would be implemented for the duration of the construction; and (g) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the management measures in accordance with condition C7(d). The program should be developed in accordance with the report titled Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting, and included, but not limited: (i) alert triggers where project trigger noise levels are exceeded; and (ii) procedures for respite periods when sensitive receivers become 'highly noise affected' (i.e. noise levels exceed 75 dB(A).				27-Aug-20		Closed
	[i] CNVMS-P developed by contractor + submission to PCA		**Built**	**EMM**	**22-Jan-20**		**Closed**
C12	The Construction Waste Management Sub-Plan (CWMSP) must address, but not be limited to, the following: (a) detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations; and (b) removal of hazardous materials, particularly the method of containment and control of emission of fibres to the air, and disposal at an approved waste disposal facility in accordance with the requirements of the relevant legislation, codes, standards and guidelines, prior to the commencement of any building works.				27-Aug-20		Closed
	[i] CWPMSP developed by contractor + submission to PCA		**Built**				
	Aboriginal Cultural Heritage Management Plan						
C13	Prior to the commencement of construction (excluding demolition works), an Aboriginal Cultural Heritage Management Plan (ACHMP) must be prepared and address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced expert in consultation with the Registered Aboriginal Parties; (b) be endorsed by the Planning Secretary prior to construction (excluding demolition works) of any part of the development; (c) describe the measures to protect any Aboriginal cultural deposits or relics uncovered during sub surface archaeological testing in accordance with the relevant legislation.				16-Apr-20		Closed - site works closed out and report issued to PCA. AI # 11 provides confirmation of acceptance from DoP rec'd 16/04/20
	[i] ACHMSP developed by contractor + submission to PCA		**Built**	**AMAC**			**Closed**

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		Owner	Contractor				
	[ii] Submission to and endorsement by the Planning Secretary required	**Nihon**		**dwp**			**Closed**
	Construction Worker Transportation Strategy						
C14	Prior to the commencement of construction, the Applicant must submit a Construction Worker Transportation Strategy to the satisfaction of the Certifier. The Strategy must detail the provision of sufficient parking facilities or other travel arrangements for construction workers in order to minimise demand for parking in nearby public and residential streets or public parking facilities.				23-Jan-20		Closed out
	[i] Strategy developed by contractor + submission to the Certifier		**Built**		**22-Jan-20**		**Closed**
	[ii] Submission to the Planning Secretary required	**Nihon**		**dwp**	**22-Jan-20**		**Closed**
	Stormwater Management System						
C15	Prior to the commencement of construction, the Applicant must design an operational stormwater management system for the development and submit it to the satisfaction of the Certifier. The system must: (a) be designed by a suitably qualified and experienced person(s); (b) be design in consultation with and to the satisfaction of Council; (c) be generally in accordance with the conceptual design in the EIS as amended by the RtS; (d) be in accordance with applicable Australian Standards; (e) ensure that the system capacity has been designed in accordance with Australian Rainfall and Runoff (Engineers Australia, 2019) and Managing Urban Stormwater: Council Handbook (EPA, 1997) guidelines; (f) divert existing clean surface water around operational areas of the site; (g) direct all sediment laden water in overland flow away from the leachate management system; (h) prevent cross-contamination of clean and sediment or leachate laden water; (i) include details of all on-site retention/detention and water quality treatment systems are to be individually signposted in accordance with Council's Stormwater and Water Efficiency for Development Technical Manual.				21-Apr-20		Closed - CC#1
	[i] Stormwater management system developed + submission to the Certifier		**Built**	**Cardno | Northrop**			**Closed**
	Operational Noise – Design of Mechanical Plant and Equipment						
C16	Prior to installation of mechanical plant and equipment, the Applicant must incorporate the noise mitigation recommendations in the Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting, into the detailed design drawings. The Certifier must verify that all noise mitigation measures have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in the Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting.				23-Jul-20		Closed - CC#2
	[i] Mechanical services design developed for compliance + submission to Certifier		**Built**	**Northrop**			**Closed**
	[ii] The Certifier to verify the submitted design	**Nihon**		**Dix Gardner**			**Closed**
	Archaeological Salvage - Historic Archaeology						
C17	Following the completion of demolition works and prior to the commencement of construction works, all affected historical archaeological deposits are to be subject to professional archaeological excavation and recording. An Archaeological Research Design and Excavation methodology must be prepared to guide the archaeological program. This must be prepared in accordance with Heritage Council of NSW Guidelines and in consultation with Heritage NSW, Department of Premier and Cabinet.				16-Apr-20		Complete for Building A, B & C. Some minor external works remaining. AI # 11 provides formal confirmation of approval from DoP dated 16/04/20
	[i] Methodology developed for compliance - consultation required with Heritage NSW + Premiers Department		**Built**	**AMAC**			**Closed**
C18	The Archaeological program must be directed by a suitably qualified and experienced Archaeologist (Excavation Director). The nominated Excavation Director must be able to demonstrate their ability to undertake this work through a response to the Heritage Council's Excavation Director Criteria (July 2011) for salvage excavation for a site of local heritage significance.		-		15-Apr-20		Closed - issued to PCA via Aconex 14/02/20. AI # 11 provides formal confirmation of approval from DoP dated 16/03/20 and 15/04/20.
	[i] AMAC credentials identified for compliance		**Built**	**AMAC**			**Closed**
	Landscaping						
C19	Prior to the commencement of construction, the Applicant must prepare a revised Landscape Plan that provides a streetscape treatment that does not impede on the understanding of the former Newcastle Courthouse and its relationship to its environment and setting, and submit a copy to the Planning Secretary. The plan must (a) be prepared by a qualified heritage landscape consultant and submitted to the NSW Heritage Council, or its delegate, for endorsement; (b) provide an analysis of the existing site frontage hardstand, fences and gates, colours and finishes and landscape elements within the precinct; (c) demonstrate the retention of the existing heritage cast iron fence along the site frontage, including the iron palisade fence, sandstone plinth and sandstone piers, unless removal of sections is demonstrated to be essential for the functional requirements of the proposal (e.g. clearance required to establish the approved additional driveway crossover); (d) provide for the planting of eight trees that are sympathetic to the heritage values of the item and ensure no planting grow higher than 1.5 m in directly in front of the former Newcastle Courthouse; (e) detail the location, species, maturity and height at maturity of plants to be planted on-site; (f) include species (trees, shrubs and groundcovers) indigenous to the local area; (g) include the planting of trees with a pot container of 100 litres or greater; (h) include the provision of street tree planting. Species and spacing of trees are to be sympathetic to the heritage values of the item and are to be determined in consultation with Council.				27-Apr-20		dwp confirmed condition met and closed out via Aconex of 27/04/20 (NB PCA had previously accepted this as part of the S138 approval and CC#3 submission rather than CC#2). Closed - s.138 approved by CoN
	[i] Landscape requirements to be worked through for resolution with Council + Heritage NSW	**Nihon**		**dwp | Moir**	**09-Oct-20**		**Closed**
	Public Domain Works						

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
C20	Prior to the commencement of any footpath or public domain works, the Applicant must engage a suitably qualified practicing engineer to design the following public domain works within the Church Street frontage of the site at no cost to Council and in accordance with the Newcastle City Centre Public Domain Manual guideline, design specifications and relevant Australian Standards: (a) new full width footpath and streetscape works and driveway; (b) reconstruct kerb and gutter, including associated road shoulder pavement and any associated drainage works; (c) new street trees and tree planting vaults in accordance with Council's requirement and adjust service pit levels to match new footpath levels; (d) kerb blisters and raised pedestrian crossings at the intersection of Bolton Street and Church Street; (e) upgrade street lighting across the frontage of the site to provide P3 Pedestrian Lighting Category in accordance with Australian Standard 1158.1; (f) upgrade of pedestrian crossing lighting to comply with Australian Standard 1158.4; (g) any necessary adjustments to regulatory signage.				09-Oct-20	✓	dwp confirmed that the PCA will accept this as part of the S138 approval and CC#3 submission rather than CC#2 Closed - s.138 approved by CoN
	[i] Public domain works to be worked through for final resolution	**Nihon**		**dwp | Moir | Cardno**			**Closed**
C21	Prior to the commencement of any footpath or public domain works, the Applicant must consult with Council and demonstrate to the Certifier that the public domain design and treatment, as required by condition C20, meets the Council's requirements, including addressing pedestrian management. The Applicant must submit documentation of approval for each stage from Council to the Certifier.				09-Oct-20	✓	Closed - s.138 approved by CoN
	[i] Public domain works to be worked through for final resolution - approval from Council submitted to the Certifier	**Nihon**		**dwp | Moir | cardno**			**Closed**
	Compliance Reporting						
C22	No later than two weeks before the date notified for the commencement of construction, a Compliance Monitoring and Reporting Program prepared in accordance with the Compliance Reporting Post Approval Requirements (Department 2018) must be submitted to the Planning Secretary and the Certifier.				23-Jan-20		Closed
	[i] Compliance monitoring and reporting program prepared + provided to the Certifier		**Built**	**dwp | Northrop**			**Closed**
	[ii] Submission of report to the Planning Secretary required	**Nihon**		**dwp**	**16-Jan-20**		**Closed**
C23	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements (Department 2018).	Noted	Noted				Note
C24	The Applicant must make each Compliance Report publicly available 60 days after submitting it to the Planning Secretary and notify the Planning Secretary and the Certifying Authority in writing at least seven days before this is done.						Note
	[i] Compliance report made available publically and advise Planning Secretary + Certifier	**Nihon**		**Azusa | dwp**		✓	**Compliance Report completed by dwp & submitted to DPIE**
C25	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (Department 2018), the Planning Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.	Note	Note				Note
	PART D - DURING CONSTRUCTION						
	Site Notice						
D1	A site notice(s): (a) must be prominently displayed at the boundaries of the site during construction for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifier and Structural Engineer is to satisfy the following requirements; (b) minimum dimensions of the notice must measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size; (c) the notice is to be durable and weatherproof and is to be displayed throughout the works period; (d) the approved hours of work, the name of the site/ project manager, the responsible managing company (if any), its address and 24-hour contact phone number for any inquiries, including construction/ noise complaint must be displayed on the site notice; and (e) the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted.					✓	Compliant - ongoing through construction
	[i] Site notices developed by contractor + submission to the Certifier		**Built**		**21-Jan-20**		**Closed**
	Operation of Plant and Equipment						
D2	All construction plant and equipment used on site must be maintained in a proper and efficient condition and operated in a proper and efficient manner.					✓	Compliant - ongoing through construction
	[i] Site plant maintained and equipment maintenance by contractor		**Built**			✓	**Compliant - ongoing through construction**
	Demolition						
D3	Demolition work must comply with the demolition work plans required by Australian Standard AS 2601-2001 The demolition of structures (Standards Australia, 2001) and endorsed by a suitably qualified person as required by Condition C5.				21-Jan-20		Closed
	[i] Demolition processes developed by contractor		**Built**				**Closed**
	Construction Hours						
D4	Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: (a) between 7 am and 6 pm, Mondays to Fridays inclusive; and (b) between 8 am and 1 pm, Saturdays. No work may be carried out on Sundays or public holidays.					✓	Compliant - ongoing
	[i] Construction hours factored into construction program		**Built**				**Compliant - ongoing**
D5	Construction activities may be undertaken outside of the hours in condition D4 if required: (a) by the Police or a public authority for the delivery of vehicles, plant or materials; or (b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or (c) where the works are inaudible at the nearest sensitive receivers; or (d) where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.	Note	Note			✓	Compliant - ongoing
D6	Notification of such construction activities as referenced in condition D5 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.					✓	Compliant - ongoing

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
	[i] Notification to affected residents required		**Built**				**Compliant - ongoing**
D7	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours: (a) 9am to 12pm, Monday to Friday; (b) 2pm to 5pm Monday to Friday; and (c) 9am to 12pm, Saturday.					✓	Compliant - ongoing
	[i] Check advice with the Certifier - demolition processes not considered as rock breaking or rock hammering - to be monitored		**Built**				**Compliant - ongoing**
	Implementation of Management Plans						
D8	The Applicant must carry out the construction of the development in accordance with the most recent version of the approved CEMP (including Sub-Plans) and ACHMP.					✓	Compliant - ongoing
	[i] Monitoring of compliance with management plans		**Built**			✓	**Compliant - ongoing**
	Construction Traffic						
D9	All construction vehicles (excluding site personnel vehicles) are to be contained wholly within the site, except if located in an approved on-street work zone, and vehicles must enter the site before stopping.		**Built**			✓	Compliant - ongoing
	Hoarding Requirements						
D10	The following hoarding requirements must be complied with: (a) no third-party advertising is permitted to be displayed on the subject hoarding/ fencing; and (b) the construction site manager must be responsible for the removal of all graffiti from any construction hoardings or the like within the construction area within 48 hours of its application.		**Built**			✓	Compliant - ongoing
	No Obstruction of Public Way						
D11	The public way (outside of any approved construction works zone) must not be obstructed by any materials, vehicles, refuse, skips or the like, under any circumstances.		**Built**			✓	Compliant - ongoing
	Construction Noise Limits						
D12	The development must be constructed to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved Construction Noise and Vibration Management Plan.		**Built**	**EMM \ RAPT**		✓	Compliant - ongoing
D13	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the site or surrounding residential precincts outside of the construction hours of work outlined under condition D4.		**Built**			✓	Compliant - ongoing
D14	The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use of 'quackers' to ensure noise impacts on surrounding noise sensitive receivers are minimised.		**Built**			✓	Compliant - ongoing
	Vibration Criteria						
D15	Vibration caused by construction at any residence or structure outside the site must be limited to: (a) for structural damage, the latest version of DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures (German Institute for Standardisation, 1999); and (b) for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: a technical guideline (DEC, 2006) (as may be updated or replaced from time to time).		**Built**	**EMM \ RAPT**		✓	Compliant - no vibration causing activities
D16	Vibratory compactors must not be used closer than 30 metres from residential buildings unless vibration monitoring confirms compliance with the vibration criteria specified in condition D15.		**Built**			✓	Compliant - no compactors onsite
D17	The limits in conditions D15 and D16 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition C11 of this consent.		**Built**	**EMM**		✓	Compliant - ongoing
	Tree Protection						
D18	For the duration of the construction works: (a) street trees, with the exception of the one nominated street tree approved for removal to accommodate the new driveway crossover, must not be trimmed or removed unless it forms a part of this development consent or prior written approval from Council is obtained or is required in an emergency to avoid the loss of life or damage to property; (b) all street trees to be retained must be protected at all times during construction. Any tree on the footpath, which is damaged or removed during construction due to an emergency, must be replaced, to the satisfaction of Council; (c) all trees on the site that are not approved for removal must be suitably protected during construction as per recommendations of the Aboricultural Impact Assessment Report dated 17 November 2019 and prepared by Joseph Pidutti Consulting Arborist; and (d) if access to the area within any protective barrier is required during the works, it must be carried out under the supervision of a qualified arborist. Alternative tree protection measures must be installed, as required. The removal of tree protection measures, following completion of the works, must be carried out under the supervision of a qualified arborist and must avoid both direct mechanical injury to the structure of the tree and soil compaction within the canopy or the limit of the former protective fencing, whichever is the greater.		**Built**		09-Oct-20	✓	Closed - existing street trees approved for removal under Section 138 works and completed by City of Newcastle on 6/11/2020.
	Air Quality						
D19	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.		**Built**			✓	Compliant - ongoing

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
D20	During construction, the Applicant must ensure that: (a) exposed surfaces and stockpiles are suppressed by regular watering; (b) all trucks entering or leaving the site with loads have their loads covered; (c) trucks associated with the development do not track dirt onto the public road network; (d) public roads used by these trucks are kept clean; and (e) land stabilisation works are carried out progressively on site to minimise exposed surfaces.		Built			✓	Compliant - ongoing
	Erosion and Sediment Control						
D21	All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.		Built			✓	Compliant - ongoing
	Imported Soil						
D22	The Applicant must: (a) ensure that only VENM, ENM, or other material approved in writing by EPA is brought onto the site; (b) keep accurate records of the volume and type of fill to be used; and (c) make these records available to the Certifier upon request.		Built			✓	Compliant - ongoing
	Disposal of Seepage and Stormwater						
D23	Adequate provisions must be made to collect and discharge stormwater drainage during construction of the building to the satisfaction of the principal Certifier. The prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.		Built			✓	Compliant - ongoing
	Unexpected Finds Protocol - Aboriginal Heritage						
D24	In the event that surface disturbance identifies a new Aboriginal object, all works must halt in the immediate area to prevent any further impacts to the object(s). A suitably qualified archaeologist and the registered Aboriginal representatives must be contacted to determine the significance of the objects. The site is to be registered in the Aboriginal Heritage Information Management System (AHIMS) which is managed by EES Group and the management outcome for the site included in the information provided to AHIMS. The Applicant must consult with the Aboriginal community representatives, the archaeologists and EES Group to develop and implement management strategies for all objects/sites. Works shall only recommence with the written approval of EES Group.		Built	AMAC		✓	Compliant - not triggered to date
	Unexpected Finds Protocol - Historic Heritage						
D25	If any unexpected archaeological relics are uncovered during the work, then all works must cease immediately in that area and the NSW Heritage Division contacted. Depending on the possible significance of the relics, an archaeological assessment and management strategy may be required before further works can continue in that area. Works may only recommence with the written approval of the NSW Heritage Division.		Built	AMAC		✓	Compliant - not triggered this period
	Waste Storage and Processing						
D26	All waste generated during construction must be secured and maintained within designated waste storage areas at all times and must not leave the site onto neighbouring public or private properties.		Built			✓	Compliant - ongoing
D27	All waste generated during construction must be assess, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014).		Built			✓	Compliant - ongoing
D28	The Applicant must ensure that concrete waste and rinse water are not disposed of on the site and are prevented from entering any natural or artificial watercourse.		Built			✓	Compliant - ongoing
	Independent Environmental Audit						
D29	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the preparation of an Independent Audit Program or commencement of an Independent Audit.						Closed - GHD appointed & endorsed
	[i] Notification of independent auditors to be given to the Planning Secretary and agreed to - relates to environmental aspects of construction	**Nihon**	**Built**	**Azusa | dwp**			**Closed**
D30	Prior to the commencement of construction, an Independent Audit Program prepared in accordance with the Independent Audit Post Approval Requirements (Department 2018) must be submitted to the Planning Secretary and the Certifier.						Closed - dwp issued to DPIE
	[i] Independent audit program prepared and submitted to Planning Secretary and the Certifier	**Nihon**	**Built**	**Azusa | dwp**			**Closed**
D31	Table 1 of the Independent Audit Post Approval Requirements (Department 2018) is amended so that the frequency of audits required in the construction phase is: (a) an initial construction Independent Audit must be undertaken within eight weeks of the notified commencement date of construction; (b) a subsequent Independent Audit of construction must be undertaken no later than six months from the date of the initial construction Independent Audit; and In all other respects Table 1 remains the same. The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks notice to the applicant of the date upon which the audit must be commenced.						GHD Audit 01 complete GHD Audit 02 complete
	[i] Audit program linked to construction dates	**Nihon**	**Built**	**Azusa | dwp**			**Closed**
D32	Independent Audits of the development must be submitted to the Planning Secretary and must be carried out in accordance with: (a) the Independent Audit Program submitted to the Planning Secretary and the Certifier under condition D30 of this consent; and (b) the requirements for an Independent Audit Methodology and Independent Audit Report in the Independent Audit Post Approval Requirements (Department 2018).						Note
	[i] Independent audits must be submitted to the Planning Secretary and the Certifier	**Nihon**	**Built**	**Azusa | dwp**			**Closed**
D33	Requirements (Department 2018), the Applicant must: (a) review and respond to each Independent Audit Report prepared under condition D30 of this consent; (b) submit the response to the Planning Secretary and the Certifier; and (c) make each Independent Audit Report and response to it publicly available 60 days after submission to the Planning Secretary and notify the Planning Secretary and the Certifier in writing at least seven days before this is done.						Note
	[i] Response required to each independent audit - Planning Secretary and the Certifier notified	**Nihon**	**Built**	**Azusa | dwp**			**Closed**

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
D34	Notwithstanding the requirements of the Independent Audit Post Approval Requirements (Department 2018), the Planning Secretary may approve a request for ongoing annual operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an audit has demonstrated operational compliance.	Note	Note				Note
	PART E - PRIOR TO ISSUE OF AN OCCUPATION CERTIFICATE OR COMMENCEMENT OF OPERATION						
	Notification of Occupation						
E1	At least one month before commencement of operation, the date of commencement of the operation of the development must be notified to the Planning Secretary in writing. If the operation of the development is to be staged, the Planning Secretary must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.						Not triggered
	[i] Notice provided to Planning Secretary	**Nihon**		**Azusa | dwp**			**Not triggered**
	External Walls and Cladding						
E2	Prior to issue of an Occupation Certificate, the Applicant must provide the Certifier with documented evidence that the products and systems used in the construction of external walls including finishes and claddings such as synthetic or aluminium composite panels comply with the requirements of the BCA.						Not triggered
	[i] Evidence of products used to be issued to the Certifier		**Built**	**Azusa | dwp**			**Not triggered**
E3	The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.						Not triggered
	[i] Copies of the documents sent to the Certifier to be forwarded to Planning Secretary	**Nihon**		**dwp**			**Not triggered**
	Post-construction Dilapidation Report						
E4	Prior to issue of an Occupation Certificate, the Applicant must engage a suitably qualified person to prepare a post-construction dilapidation report at the completion of construction. This report is: a) to ascertain whether the construction created any structural damage to adjoining buildings or infrastructure; b) to be submitted to the Certifier. In ascertaining whether adverse structural damage has occurred to adjoining buildings or infrastructure, the Certifier must: i) compare the post-construction dilapidation report with the pre-construction dilapidation report required by these conditions; and ii) have written confirmation from the relevant authority that there is no adverse structural damage to their infrastructure and roads. c) to be forwarded to Council.						Not triggered
	[i] Dilapidation Report forwarded to PCA + Council		**Built**				**Not triggered**
	Public Domain Works						
E5	Prior to issue of an Occupation Certificate, the public domain works and footpath works required by condition C20 must be completed to Council's satisfaction.						Not triggered
	[i] Documented public domain works completed and approved		**Built**				**Not triggered**
	Protection of Public Infrastructure						
E6	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the development; and (b) relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the development. Note: This condition does not apply to any damage to roads caused as a result of general road usage or otherwise addressed by contributions required by condition B2 of this consent.						Not triggered
	[i] All damage repaired + infrastructure upgraded		**Built**	**Azusa | dwp**			**Not triggered**
	Easements						
E7	Prior to issue of an Occupation Certificate, an easement under section 88A and/or restriction or public positive covenant under section 88E of the *Conveyancing Act 1919* naming the Council as the prescribed authority, which can only be revoked, varied or modified with the consent of the Council, and which provides for the drainage of water must be registered on title of Lot 1 DP 1199904. The easement must be a minimum three metres in width and must be centred over the new stormwater pipeline.						Not triggered
	[i] Easements to be established	**Nihon**		**Azusa | dwp**			**Not triggered**
	Utilities and Services						
E8	Prior to issue of an Occupation Certificate, a compliance certificate under the section 50 of the *Hunter Water Act 1991* must be obtained from Hunter Water and submitted to the Certifier.						Not triggered
	[i] Certificate to be obtained and submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	Works as Executed Plans						
E9	Prior to issue of an Occupation Certificate, works-as-executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved, must be submitted to the Certifier.						Not triggered
	[i] As executed plans to be obtained and submitted to the Certifier		**Built**	**Cardno | Northrop**			**Not triggered**
	Green Travel Plan						
E10	Prior to issue of an Occupation Certificate, a Green Travel Plan (GTP), must be submitted to the satisfaction of the Planning Secretary to promote the use of active and sustainable transport modes. The plan must: (a) be prepared by a suitably qualified traffic consultant in consultation with Council; (b) include objectives and modes share targets (i.e. Site and land use specific, measurable and achievable and timeframes for implementation) to define the direction and purpose of the GTP; (c) include specific tools and actions to help achieve the objectives and mode share targets; (d) include measures to promote and support the implementation of the plan, including financial and human resource requirements, roles and responsibilities for relevant employees involved in the implementation of the GTP; and (e) include details regarding the methodology and monitoring/review program to measure the effectiveness of the objectives and mode share targets of the GTP, including the frequency of monitoring and the requirement for travel surveys to identify travel behaviours of users of the development.						Not triggered
	[i] Green travel plan to be finalised and submitted to the Planning Secretary	**Nihon**		**Azusa | dwp**			**Not triggered**
	Heritage Interpretation Plan						

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		Owner	Contractor				
E11	Prior to issue of an Occupation Certificate, the Applicant must submit a Heritage Interpretation Plan to acknowledge the heritage of the site to the Planning Secretary. The plan must: (a) be prepared by a suitably qualified and experienced expert in consultation with the NSW Heritage Division and Council; (b) outline the Stage 1 heritage interpretation strategy (c) include provision for naming elements within the development that acknowledges the site's heritage; (d) incorporates interpretive information in to the site of the former legal and court functions of the former Newcastle Courthouse.						Not triggered
	[i] Heritage Interpretation Plan is required to be completed and submitted to the Planning Secretary - dependent of archaeological findings	**Nihon**		**Azusa | dwp**			**Not triggered**
	Operational Management Plan						
E12	Prior to issue of an Occupation Certificate, the Applicant must prepare an Operational Management Plan for the site. The plan must: (a) include measures to ensure all wayfinding signage, security measures, and landscaping is managed to maintain their effectiveness; and (b) include measures to manage the operation and use of rooftop terraces and ground level café terrace; and (c) prohibit use of the rooftop terraces for events or formal teaching; and (d) restrict the use of the rooftop terraces to no later than 9pm daily; and (e) ensure the use of the rooftop terraces does not result in exceedances of the project noise trigger levels in the report titled Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting.						Not triggered
	[i] Operational management plan to be finalised	**Nihon**		**Azusa | dwp**			**Not triggered**
E13	The Operational Management Plan must be submitted to the satisfaction of the Certifier and implemented for the life of the approved development.						
	[ii] Operational management plan to be submitted to the Certifier	**Nihon**		**Azusa | dwp**			**Not triggered**
	Operational Transport and Access Management Plan [OTAMP]						
E14	Prior to issue of an Occupation Certificate, an OTAMP is to be prepared by a suitably qualified person, in consultation with Council and submitted to the Planning Secretary. The OTAMP must address the following: (a) detailed pedestrian analysis including the identification of safe route options – to identify the need for management measures to ensure students and staff are able to access and leave the Site in a safe and efficient manner at all times; (b) the location of all car parking spaces on the campuses and their allocation (i.e. staff, visitor, accessible, emergency, etc.); (c) delivery and services vehicle management arrangements; (d) use of the services zone limited to: (i) 7am to 8am and 7pm to 8pm Monday to Friday; (ii) 7am to 8am Saturday; (iii) no use on Sundays or Public Holidays; (e) management of approved access arrangements; (f) potential traffic impacts on surrounding road networks and mitigation measures to minimise impacts, including measures to mitigate queuing impacts associated with vehicles accessing the car parking spaces or services zone; (g) a monitoring and review program.						Not triggered
	[i] Operational management plan to be finalised and submitted to the Planning Secretary	**Nihon**		**Azusa | dwp**			**Not triggered**
	Mechanical Ventilation						
E15	Prior to issue of an Occupation Certificate, the Applicant must provide evidence to the satisfaction of the Certifier that the installation and performance of the mechanical ventilation systems complies with: (a) *AS 1668.2-2012 The use of air-conditioning in buildings – Mechanical ventilation in buildings* and other relevant codes; and (b) any dispensation granted by Fire and Rescue NSW.						Not triggered
	[i] Certification of mechanical installation required and submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	Operational Noise - Design of Mechanical Plant and Equipment						
E16	Prior to issue of an Occupation Certificate, the Applicant must submit evidence to the Certifier that the noise mitigation recommendations in the Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in the Environmental Noise Assessment.						Not triggered
	[i] Certification of mechanical installation required in relation to noise and vibration mitigation and submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	Road Damage						
E17	Prior to the commencement of operation, the cost of repairing any damage caused to Council or other Public Authority's assets in the vicinity of the Subject Site as a result of construction works associated with the approved development must be met in full by the Applicant.						Not triggered
	[i] Damage to public infrastructure caused by construction to be rectified		**Built**				**Not triggered**
	Fire Safety Certification						
E18	Prior to issue of an Occupation Certificate, a Fire Safety Certificate must be obtained for all the Essential Fire or Other Safety Measures forming part of this consent. A copy of the Fire Safety Certificate must be submitted to the relevant authority and Council. The Fire Safety Certificate must be prominently displayed in the building.						Not triggered
	[i] Fire safety certificate for constructed facility to be submitted to relevant authority		**Built**	**dwp | Northrop**			**Not triggered**
	Structural Inspection Certificate						
E19	Prior to occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the satisfaction of the Certifier. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) must be submitted to the approval authority and the Council after: (a) the site has been periodically inspected and the Certifier is satisfied that the structural works is deemed to comply with the final design drawings; and (b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.						Not triggered
	[i] Structural certification of the works submitted to the Certifier		**Built**	**Cardno | Northrop**			**Not triggered**
	Compliance with Food Code						

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
E20	Prior to issue of an Occupation Certificate, the Applicant is to obtain a certificate from a suitably qualified tradesperson, certifying that the kitchen, food storage and food preparation areas have been fitted in accordance with the AS 4674 Design, construction and fit-out of food premises and provide evidence of receipt of the certificate to the satisfaction of the Certifier.						Not triggered
	[i] Certification of the kitchen works submitted to the Certifier		**Built**	**dwp| kitchen sc**			**Not triggered**
	Stormwater Quality Management Plan						
E21	Prior to issue of an Occupation Certificate, an Operation and Maintenance Plan (OMP) is to be submitted to the satisfaction of the Certifier along with evidence of compliance with the OMP. The OMP must ensure the proposed stormwater quality measures remain effective and contain the following: (a) maintenance schedule of all stormwater quality treatment devices that addresses Council's Technical Manual: Stormwater and Water Efficiency for Development (updated April 2019); (b) record and reporting details; (c) relevant contact information; and (d) Work Health and Safety requirements.						Not triggered
	[i] OMP prepared and to be submitted to the Certifier		**Built**	**Northrop | Cardno**			**Not triggered**
	Rainwater Harvesting						
E22	Prior to issue of an Occupation Certificate, signed works-as-executed Rainwater Re-use Plan must be provided to the Planning Secretary and Certifier.						Not triggered
	[i] Documentation of the rainwater reuse system to be submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	ii] Copy of the documents sent to the Certifier to be forwarded to Planning Secretary	**Nihon**		**dwp**			**Not triggered**
	Warm Water Systems and Cooling Systems						
E23	The installation of warm water systems and water cooling systems (as defined under the *Public Health Act 2010*) must comply with the *Public Health Act 2010* , Public Health Regulation 2012 and Part 1 (or Part 3 if a Performance-based water cooling system) of A*S/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance* and the NSW Health Code of Practice for the Control of Legionnaires' Disease.						Not triggered
	[i] Certification of the of the warm water and cooling systems to be submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	Outdoor Lighting						
E24	. Prior to issue of an Occupation Certificate, the Applicant must submit evidence from a suitably qualified practitioner to the Certifier that demonstrates that installed lighting associated with the development achieves the objective of minimising light spillage to any adjoining or adjacent sensitive receivers and: (a) complies with the latest version of AS 4282-2019 - *Control of the obtrusive effects of outdoor lighting* (Standards Australia, 1997); and (b) has been mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network.						Not triggered
	[i] Certification of the outdoor lighting systems to be submitted to the Certifier		**Built**	**Northrop**			**Not triggered**
	Archaeological Salvage - Historic Archaeology						
E25	The Applicant must prepare an archaeological report of the salvage excavation undertaken in accordance with condition C17. An interim report of the salvage excavation must be provided for the information of the Heritage Council of NSW and Council within one month of completion of the salvage work and a final report provided within 12 months of completion of the salvage work or within another timeframe agreed with the Planning Secretary. Copies of the report must also be provided to the NSW Heritage Division and Council.						Not triggered
	[i] Submission of archaeological report to Heritage Council and Council - timing to consider		**Built**	**AMAC | dwp**			**Not triggered**
	Signage						
E26	Prior to issue of an Occupation Certificate, way-finding signage and signage identifying the location of staff car parking must be installed.						Not triggered
	[i] Signage details to be finalised and installed		**Built**	**Azusa | dwp**			**Not triggered**
E27	Prior to issue of an Occupation Certificate, bicycle way-finding signage must be installed within the site to direct cyclists from footpaths to designated bicycle parking areas.						Not triggered
	[i] Signage details to be finalised and installed		**Built**	**Azusa | dwp**			**Not triggered**
E28	Prior to issue of an Occupation Certificate, 'Do not drink' signage on non-potable water used for toilet flushing and to new hose taps and irrigation systems for landscaped areas must be installed within the site.						Not triggered
	[i] Signage details to be finalised and installed		**Built**	**Azusa | dwp**			**Not triggered**
	Operational Waste Management Plan						
E29	Prior to issue of an Occupation Certificate, the Applicant must prepare a Waste Management Plan for the development and submit it to the Certifier. The Waste Management Plan must: (a) detail the type and quantity of waste to be generated during operation of the development; (b) the location and operational management procedures of the services zone located within the front setback of the Residential Building, including management/traffic controller arrangements; (c) describe the handling, storage and disposal of all waste streams generated on site, consistent with the P*rotection of the Environment Operations Act 1997, Protection of the Environment Operations (Waste) Regulation 2014* and the *Waste Classification Guideline* (Department of Environment, Climate Change and Water, 2009); (d) detail the materials to be reused or recycled, either on or off site; and (e) include the Management and Mitigation Measures included in EIS, as amended by the RtS.						Not triggered
	[i] Operational waste management plan to be prepared and submitted to the Certifier	**Nihon**		**Azusa | dwp**			**Not triggered**
	Site Contamination						
E30	The Applicant must prepare a Validation Report, where required by the remediation action plan approved by a NSW EPA Accredited Site Auditor pursuant to condition A19, for the development. The Validation Report must: (a) be prepared by a Certified Contaminated Land Consultant; (b) be submitted to the Site Auditor, the Planning Secretary and the Certifier for information within one month after the completion of remediation works; and (c) be prepared in accordance with the remediation action plan approved by a NSW EPA Accredited Site Auditor pursuant to condition A19.						Not triggered

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
	[i] Remedial works to be carried out in accordance with updated RAP and report submitted to site auditor, the Certifier and the Planning Secretary		**Built**	**Douglas Partners**			**Not triggered**
	Site Audit Statement						
E31	Prior to issue of an Occupation Certificate, the Applicant must submit a Site Audit Report and Section A Site Audit Statement for the relevant part of the site prepared by a NSW EPA accredited Site Auditor. The Site Audit Report and Section A Site Audit Statement must verify the relevant part of the site is suitable for the educational establishment land use and be provided for the information of the Planning Secretary and the Certifier.						Not triggered
	[i] Input into site audit statement		**Built**	**Douglas Partners**			**Not triggered**
	[ii] Site audit statement to be submitted to the Planning Secretary and the Certifier	**Nihon**		**GHD | dwp**			**Not triggered**
	Long Term Environmental Management Plan						
E32	The Applicant must prepare a Long Term Environmental Management Plan (LTEMP), where identified as required by the remediation action plan approved by a NSW EPA Accredited Site Auditor pursuant to condition A19, and submit a copy to the Planning Secretary. The plan must: (a) be prepared by a certified Contaminated Land Consultant; (b) be submitted to the Planning Secretary within one month of the completion of remediation works, unless otherwise agreed by the Planning Secretary; and (c) include, but not be limited to: (i) a description of the nature and location of any contamination remaining on site; (ii) provisions to manage and monitor any remaining contamination, including details of any restrictions placed on the land to prevent development over the containment cell; (iii) a description of the procedures for managing any leachate generated from the containment cell, including any requirements for testing, pumping, treatment and/or disposal; (iv) a description of the procedures for monitoring the integrity of the containment cell; (v) a surface and groundwater monitoring program; (vi) mechanisms to report results to relevant agencies; (vii) triggers that would indicate if further remediation is required; and (viii) details of any contingency measures that the Applicant is to carry out to address any ongoing contamination.						Not triggered
	[i] Input into long term environmental management plan		**Built**	**Douglas Partners**			**Not triggered**
	[ii] Long term management plan preparation and submission to the Planning Secretary	**Nihon**		**GHD | dwp**			**Not triggered**
E33	The approved LTEMP must be provided to Council within once month for notation of the section 10.7 certificate for the site.						Not triggered
	[i] Long term management plan preparation provided to Council - timing requirement	**Nihon**		**GHD | dwp**			**Not triggered**
E34	Upon completion of remediation works, the Applicant must manage the site in accordance with the LTEMP.						Not triggered
	[i] Long term management of the site	**Nihon**		**Facility Manager**			**Not triggered**
	Landscaping						
E35	Prior to issue of an Occupation Certificate, the Applicant must prepare an Operational Landscape Management Plan to manage the revegetation and landscaping on-site, to the satisfaction of the Certifier. The plan must: (a) describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping; and (b) be consistent with the Applicant's Management and Mitigation Measures at Chapter 10 in the EIS and as updated by the RtS;						Not triggered
	[i] Preparation of an operational landscape management plan	**Nihon**		**Moir | Azusa | dwp**			**Not triggered**
D37	The Applicant must not commence operation until the Operational Landscape Management Plan is submitted to the Certifier.						Not triggered
	[i] Submission of an operational landscape management plan	**Nihon**		**Azusa | dwp**			**Not triggered**
	PART F - POST OCCUPATION						
	Operation of Plant and Equipment						
F1	All plant and equipment used on site must be maintained in a proper and efficient condition operated in a proper and efficient manner.	**Nihon**		**Facility Manager**			**Not triggered**
	Warm Water Systems and Cooling Systems						
F2	The operation and maintenance of warm water systems and water cooling systems (as defined under the Public Health Act 2010) must comply with the Public Health Act 2010, Public Health Regulation 2012 and Part 2 (or Part 3 if a Performance-based water cooling system) of AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	**Nihon**		**Facility Manager**			**Not triggered**
	Community Communication Strategy						
F3	The Community Communication Strategy, as approved by the Planning Secretary, must be implemented for a minimum of 12 months following the completion of construction.	**Nihon**		**Facility Manager**			**Not triggered**
	Heritage interpretation Plan						
F4	Within three months of the commencement of use, the Applicant must submit an updated Heritage Interpretation Plan to acknowledge the heritage of the site to the Planning Secretary. The plan must: (a) be prepared by a suitably qualified and experienced expert in consultation with the NSW Heritage Division and Council; (b) incorporate the Stage 2 heritage interpretation strategy (c) include provision for naming elements within the development that acknowledges the site's heritage; (d) include a strategy detailing how movable heritage items and any archaeological findings will be interpreted (e) incorporates interpretive information in to the site of the former legal and court functions of the former Newcastle Courthouse.	**Nihon**		**Facility Manager**			**Not triggered**
F5	The Applicant must implement the most recent version of the Heritage Interpretation Plan approved under conditions E11 and F4.	**Nihon**		**Facility Manager**			**Not triggered**
	Operational Transport and Access Management Plan (OTAMP)						
F6	The OTAMP(s) approved under condition E14 as revised from time to time) must be implemented by the Applicant for the life of the development.	**Nihon**		**Facility Manager**			**Not triggered**
	Long Term Environmental Management Plan						

	SSD 9787 - FINAL CONDITIONS | SCHEDULE 2 MATRIX	Responsibility		Relevent Consultant/s	Date Addressed	Nov-20	Status
		Owner	Contractor				
F7	Upon completion of remediation works, the Applicant must manage the site in accordance with the LTEMP approved under condition E32, or an updated version where approved by a NSW EPA Accredited Site Auditor. Any revisions must be submitted to Council within one month of the update.	Nihon		Facility Manager			Not triggered
	Operational Noise Limits						
F8	The Applicant must ensure that noise generated by operation of the development does not exceed the noise limits in Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting.	Nihon		Facility Manager			Not triggered
F9	The Applicant must undertake short term noise monitoring in accordance with the Noise Policy for Industry within two months following the commencement use. The monitoring program must be carried out by an appropriately qualified person and a monitoring report must be submitted to the Planning Secretary within two months of commencement use of the development to verify that operational noise levels do not exceed the recommended noise levels for mechanical plant identified in the report titled Noise and Vibration Assessment – Operational and Construction report dated May 2019 and prepared by EMM Consulting. Should the noise monitoring program identify any exceedance of the recommended noise levels or internal amenity noise levels for building occupants, the Applicant is required to implement appropriate noise attenuation measures so that operational noise levels do not exceed the recommended noise levels or provide attenuation measures at the affected noise sensitive receivers.	Nihon		Facility Manager			Not triggered
	Unobstructed Driveways and Parking Areas						
F10	All driveways, footways and parking areas must be unobstructed at all times. Driveways, footways and car spaces must not be used for the manufacture, storage or display of goods, materials, refuse, skips or any other equipment and must be used solely for vehicular and/or pedestrian access and for the parking of vehicles associated with the use of the premises.	Nihon		Facility Manager			Not triggered
	Green Travel Plan						
F11	The Green Travel Plan required by condition E10 of this consent must be updated annually and implemented unless otherwise agreed by the Planning Secretary.	Nihon		Facility Manager			Not triggered
	Ecologically Sustainable Development						
F12	Unless otherwise agreed by the Planning Secretary, within six months of commencement of operation, Green Star certification must be obtained demonstrating the development achieves a minimum 4 star Green Star Design & As Built rating. If required to be obtained, evidence of the certification must be provided to the Certifier and the Planning Secretary. If an alternative certification process has been agreed to by the Planning Secretary under Condition B6, evidence of compliance of implementation must be provided to the Planning Secretary and Certifier.						Not triggered
	[i] Resolution of alternative certification process - certification to Planning Secretary and to the Certifier	Nihon		Azusa | dwp			Not triggered
	Outdoor Lighting						
F13	Notwithstanding condition E24, should outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, the Applicant must provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level.	Nihon		Facility Manager			Not triggered
	Landscaping						
F14	The Applicant must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition E35 for the duration of occupation of the development.	Nihon		Facility Manager			Not triggered
	Dangerous Goods						
F15	Dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with: (a) all relevant Australian Standards; (b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and (c) the Environment Protection Manual for *Authorised Officers: Bunding and Spill Management – technical bulletin (EPA, 1997*).	Nihon		Facility Manager			Not triggered
F16	In the event of an inconsistency between the requirements F15(a) to F15(c) , the most stringent requirement must prevail to the extent of the inconsistency.	Nihon		Facility Manager			Not triggered
	Discharge Limits						
F17	The development must comply with section 120 of the POEO Act, which prohibits the pollution of waters.	Nihon		Facility Manager			Not triggered
	Services Zone						
F18	Garbage bins (recyclable and non-recyclable) must be collected and serviced from within the site.	Nihon		Facility Manager			Not triggered
F19	The operation of the services zone located within the front setback of the Residential Building is to only operate between 7am to 8am and 7pm to 8pm Monday to Friday, 7am	Nihon		Facility Manager			Not triggered

Not compliant

Closed

Ongoing / In progress

Not Triggered

Note with no further actions required

Appendix J - Monthly Waste Recovery Reports

CENTRAL WASTE STATION

BUILT

NIHON UNIVERSITY

RESOURCE RECOVERY REPORT

NOVEMBER 2020

Towards a Sustainable Future

1800 180 180
centralwaste.com.au
info@centralwaste.com.au
8 Styles Street
Kurri Kurri NSW 2327

BN: 44 604 989 433 |Environmental Protection Licence Number: 13013

AS/NZS 4801 - OHS MANAGEMENT
ISO 9001 - QUALITY MANAGEMENT
ISO 14001 - ENVIRONMENTAL MANAGEMENT

CENTRAL WASTE STATION

DRUMDERG SERVICES

NIHON UNIVERSITY

RESOURCE RECOVERY REPORT

NOVEMBER 2020

Towards a Sustainable Future

1800 180 180
centralwaste.com.au
info@centralwaste.com.au
8 Styles Street
Kurri Kurri NSW 2327

BN: 44 604 989 433 |Environmental Protection Licence Number: 13013

AS/NZS 4801 - OHS MANAGEMENT
ISO 9001 - QUALITY MANAGEMENT
ISO 14001 - ENVIRONMENTAL MANAGEMENT

1. OVERVIEW

For the month of November, Drumderg Services produced zero recoverable material. Non recoverable material (asbestos soils) only.

2. CWS - RECOVERABLE MATERIALS MONTHLY BREAKDOWN

Breakdown of resources recovered, transported and processed at Central Waste Station's Resource Recovery Facility.

MONTHLY BREAKDOWN	
Total Amount Received (Tonnes)	0.00
Total Recovered (Tonnes)	0.00
Total Recovery Percentage	0.00

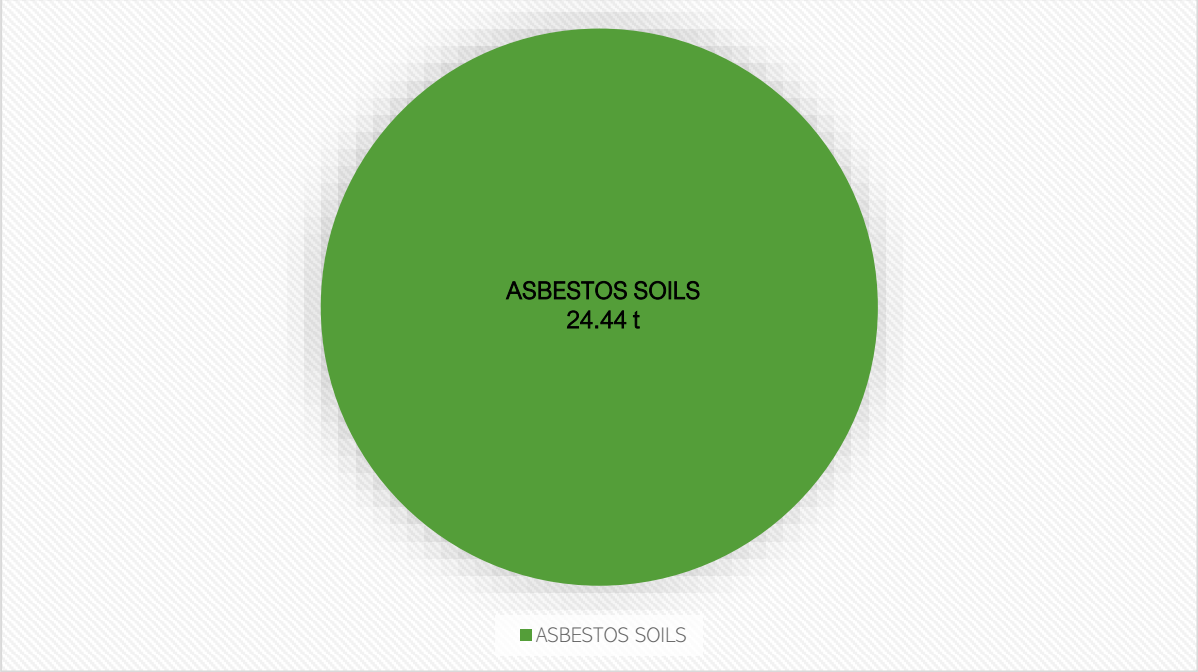
3. RECOVERY SUMMARY

MONTHLY BREAKDOWN	CWS	OTHER FACILITIES (material specific)	TOTAL
Total Amount Received (Tonnes)	0.00	0.00	0.00
Total Recovered (Tonnes)	0.00	0.00	0.00
C&D Non-Recoverable Percentage	0.00	0.00	0.00
Total Recovery Percentage	-	-	-

4. TOTAL EXPORTED MATERIALS MONTHLY BREAKDOWN (INCLUDING NON-RECYCLABLES)

A summary of all materials exported from site by Drumderg Services throughout the month of November, including special/difficult waste such as asbestos, has been including in the following table and graphic.

RESOURCE TYPE	TONNES
C&D RECOVERED MATERIALS	0.00
C&D NON RECOVERABLE	0.00
ASBESTOS SOILS	24.44



1. OVERVIEW

C&D materials for this month which were placed into bins typically included a mixture of mainly wood/timber, masonry, cardboard, etc. processed at our Resource Recovery Facility, offering a very high level of recoverability.

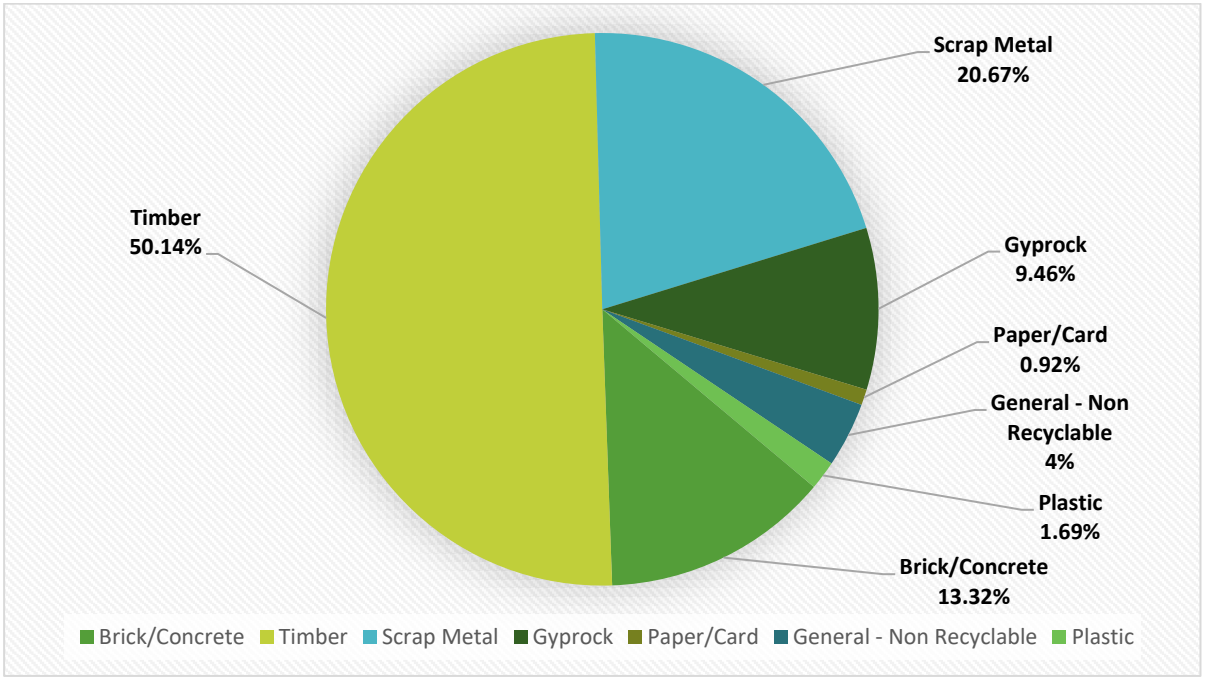
Materials were free of contamination by food or other organic matter which assists in recovery rates, however, non-recoverable/difficult material such as plastics, etc. were found and disposed of as per local regulations.

2. CWS - RECOVERABLE MATERIALS MONTHLY BREAKDOWN

Breakdown of resources recovered, transported and processed at Central Waste Station's Resource Recovery Facility.

MONTHLY BREAKDOWN	
Total Amount Received (Tonnes)	80.32
Total Recovered (Tonnes)	75.91
Total Recovery Percentage	94.51%

RESOURCE TYPE	TONNES RECOVERED	PERCENTAGE
WOOD/TIMBER	40.27	50.14%
BRICK/CONCRETE	10.70	13.32%
METALS	16.60	20.67%
GYPROCK	7.60	9.46%
CARDBOARD	0.74	0.92%
GENERAL WASTE (NON RECYCLABLE)	3.50	3.80%
PLASTICS	1.36	1.69%



3. RECOVERY SUMMARY)

MONTHLY BREAKDOWN	CWS	OTHER FACILITIES (material specific)	TOTAL
Total Amount Received (Tonnes)	80.32	0	80.32
Total Recovered (Tonnes)	75.91	0	75.91
C&D Non-Recoverable Percentage	5.49%	0%	5.49%
Total Recovery Percentage	94.51%	0%	94.51%

4. TOTAL EXPORTED MATERIALS MONTHLY BREAKDOWN (INCLUDING NON-RECYCLABLES)

A summary of all materials exported from site by Built throughout the month of November, including special/difficult waste such as asbestos, has been including in the following table and graphic.

RESOURCE TYPE	TONNES
C&D RECOVERED MATERIALS	75.91
C&D NON RECOVERABLE	4.41

