

PROJECT: NIHON UNIVERSITY NEWCASTLE CAMPUS

Monthly Project Control Group Report

Date Issued	26.03.2021
Report No.	15
Status	☐ Draft ☒ Approved
Prepared By	Ben Moss (Built Pty Ltd)

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Document Control

Revision History

Version	Author	Issue Date	Changes
Draft A	Ben Moss	16.01.2020	Draft Report
Rev 1	Ben Moss	20.01.2020	Approved
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
PCG Report 12	Ben Moss / Rob McLaughlin	11.01.2021	December 2020
PCG Report 13	Ben Moss	29.01.2021	January 2021
PCG Report 14	Ben Moss	26.02.2021	February 2021
PCG Report 15	Ben Moss	26.03.2021	March 2021

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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-story 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-story buildings comprising student accommodation in the eastern building and teaching space\carpark in the western building.

2. Project Details

Date of Site Report: 26th March 2021

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

Built is proud to report that March was an incident-free month with over 20,000 labour hours onsite, sustained inclement weather, and multiple high-risk construction activities undertaken. This is a true testament of Built's continued focus on safety and the environment when planning works, and the ongoing communication and consultation between the project team and subcontractor group when implementing and monitoring control measures.

A summary of HSE incidents 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
Nil this period	-	-

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
10.03.2021	Community Notice (REF: 2103-CN031) Community notice advising that the tower crane removal and road closure has been rescheduled to the 19th & 20th March 2021 due to forecast inclement weather.	Nil response received. Nil actions.
23.03.2021	Community Notice (REF: 2103-CN032) Community notice advising that the tower crane removal and road closure has been rescheduled to the 26th & 27th March 2021 due to recent inclement weather.	Nil response received. Nil actions.
25.03.2021	Community Notice (REF: 2103-CN033) Construction progress update provided advising the community of upcoming road closures, s.138 public domain works, and general activities onsite.	Nil response received. Nil actions.

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 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 26 HSE site inspections and monitoring activities throughout the reporting period with 6 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.	13	4
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.	4	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.	7	1
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	0
Noise Level Spot Check	Used to monitor noise levels at sensitive receiver locations, specific work areas, construction activities, and plant/equipment.	0	0
Audit – Internal HSE Plan	Used to monitor and measure the implementation of the HSE Plan by the project.	1	1
TOTAL		26	6

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
02.03.2021	Plant Inspection: Inspection of crawler crane identified compliance with documentation and no damage. Logbooks completed and plant inducted onsite.	Nil
05.03.2021	Monitoring: Observed the installation of conduit and cabling to Church Street footpath/work zone. Identified traffic & pedestrian control and spotters in place.	Nil
05.03.2021	Site Inspection: Site-wide inspection of scaffold, temporary electrical wiring & boards, PPE, access, and housekeeping. Identified falling object risk regarding scaffold dismantling and no exclusion zone.	• Work stopped and exclusion zone/signage implemented.
11.03.2021	Site Inspection: Site-wide inspection identified several issues related to fall hazards, permits, PPE, and mobile plant.	• Bld A Level 4 edge protection rectified during the inspection. • Workers without hot work permit were stopped and items addressed. • Mobile plant logbook signed, and exclusion zone established. • Worker re-inducted due to not wearing PPE. • Edge protection installed to Building C Level 1 Atrium.
26.03.2021	Monitoring: Tower crane removal / full road closure monitored for compliance with permit conditions, management plans, and crane lift plan. Identified: • Traffic control personnel and signage in place. • Barricades/fencing and exclusion zones were established. • Mobile crane set up as per lift plan. • Pedestrian and Police station access maintained. • Statutory signage in place. • Personnel in radio contact	Nil

3.3.2 External Audits & Monitoring

No external audits or monitoring activities were conducted during the reporting period.

3.4 Contract Programme Status

3.4.1 Construction Progress Update

The updated statused contract programme provides detail on current progress however summary outlined below:

Building A – Education

- Installation of Mechanical MSSB & plant on Level 4 - complete
- Installation of structural steel \ lintels – complete
- Installation of Stair A3 structural steel - complete
- External façade blockwork – complete
- Services rough-in all levels - complete
- Framing of internal partitions all levels – complete

Building B – Heritage

- Structural repairs & Carpentry works are well advanced allowing the building to be weatherproofed.
- Termite damage repairs continue to the small courtroom and demolition/investigations of the main lobby ceilings are in progress.
- Level 1 linings, vinyl, plastering, painting, and joinery are progressing well.
- Rough-in of services to Level 2 is complete with finishing trades now progressing.
- External façade repairs and painting ongoing on lower levels of all elevations.

Building C – Residential

- Southern & Western elevation scaffold removed. Northern elevation partially removed.
- Material hoist removed.
- Services rough-in works all levels - complete.
- Installation of Mechanical MSSB & plant on Level 4 - complete.
- Tiling in Level 1 commercial kitchen and Levels 3 & 4 amenities – complete
- Installation of fire services pumps to Level 1 plant room – complete
- Installation of Hot Water System to Level 1 plant room – complete

External Works:

- Ausgrid conduits & sub mains installed along Church Street footpath.
- TPG communications cable to Police Station and pit relocation complete.
- Tower crane removal complete.

3.4.2 Upcoming Construction Activities (April 2021)

The updated statused contract programme provides detail on upcoming activities for the next 4 weeks however summary outlined below:

Building A – Education

- Installation of windows & glazing Levels 2 to 4 – on going
- Render to external walls (all elevations) – on going
- Sheet internal partitions on Levels 2 to 4 – on going
- Frame ceilings on Levels 2 to 4 – on going
- Internal painting on Levels 2 to 4 – on going
- Lift installation works – on going
- Install windows & glazing – on going
- Painting external walls – on going
- Outdure decking to Level 4 – on going
- Pergola and louvre screens to Level 4 – on going
- Roofing to Stair A3 - commencing
- Removal of external scaffold - commencing
- Internal & external balustrades – commencing
- Internal vinyl floor finishes – commencing
- Toilet partitions - commencing

Building B – Heritage

- Repairs to Main Courtroom & Foyer – on going
- Repairs to Small Courtroom - ongoing
- Internal linings & cornices Levels 2 to 4 – on going
- Internal substrate repairs and painting – on going
- Services fit off all levels – on going
- Finishes & joinery – on going
- External render repairs and painting to all elevations – on going
- Removal of external scaffold - commencing

Building C – Residential

- Lift installation works – on going
- Finishes to Levels 1 to 4 – on going
- Linings to walls and ceilings Levels 1 to 4 (post hoist removal) – on going
- Services fit-off to Levels 1 to 4 – on going
- Joinery to Residential Rooms & Lobbies – on going
- Glazing to internal terraces – on going
- Level 4 pergola & louvre screens – on going
- Internal & external balustrades – on going

- Toilet partitions all levels - commencing
- Installation of Equitone cladding to Eastern Façade – commencing
- Installation of Alpolic framing cladding - commencing
- Fitout of Level 1 Commercial Kitchen – commencing
- Installation of Atrium structural steel & roof structure - commencing

External Works

- The remaining services authority works along Church Street footpath commencing on 29/03/21.

3.4.3 Potential Issues

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

- a) COVID-19 global pandemic potential risk to construction activities and procurement.
- b) Risk of existing services within the Public Domain potentially affected by Section 138 Works – costs submitted but full impacts to programme still not known until service providers commence works.
- c) Registration of Stormwater and Ausgrid Easements – Ausgrid easement registration may affect the ability to energise building for testing & commissioning purposes.
- d) Delivery delays to FFE (Steelcase Furniture) due to revised furniture scheme requested by Nihon.

3.4.4 Stated Contract Programme

A copy of the stated Contract Programme for March 2021 is attached in **Appendix D**.

3.4.5 Four Weekly Look Ahead

A Four Week Programme for April 2021 is attached in **Appendix E**.

This programme shows both incomplete work and upcoming activities commencing prior to the end of April 2021.

3.5 Progress Photos

Progress photos were taken throughout March 2021 and are attached in **Appendix F**.

3.6 Design Update

3.6.1 Architectural

- Architectural drawings to be updated following minor amendments, closeout of services coordination, and onsite issues.
- Heritage Interpretation Plan and Signage package has been submitted to Heritage NSW and initial feedback is very positive.
- Minale Tattersfield has issued the Wayfinding and Building Identification signage package, and this has been sent out for tender.
- Atrium roof and landing structure have been resolved. The architectural drawings and structural design have been passed onto the steel shop drawings for revision. Shop drawer and steel fabricator is aware of the urgency of this steel and will do everything they can to fast track it.
- Monarch Renlita design issues have been resolved following a meeting with them on site.
- Minor outstanding issues to resolve as follows:
 - Access panel layouts to be resolved in various areas
 - The clash between operable wall stack and ceiling grid/ lights
 - Access grates to the Outdure decking for inspection/ maintenance of siphonic drainage outlets
 - Atrium wall balustrade interface with stair balustrade
 - Fire rating of stair A3 floors

3.6.2 Structural & Civil

- Structural design for the atrium roof and supports for skylights has been resolved.
- Stormwater design for driveway to be resolved. Acco drains are designed for surface water only and cannot pick up drainage lines from grated drains or pump room.

3.6.3 Hydraulic Services

- No updates this period.

3.6.4 Electrical Services

- Communications rack layout has been prepared by the subcontractor and passed onto Nihon and IIJ for them to complete their detailed design.

3.6.5 Mechanical Services

- Northrop has provided a design for the relief air grille for the Atrium which has been approved by all.

3.6.6 Fire Services

- No updates this period.

3.6.7 Fire Engineering

- The fire rating of Stair A3 floor needs to be resolved. Built has submitted an RFI to the PCA & Fire Engineer.

3.6.8 Green Star

- No updates this period.

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 G**.

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 H**.
- The current matrix identifies actions and responsibilities for Occupation Certificate. Built, dwp, and Azusa have commenced actioning these items.

3.7.2 City of Newcastle

- Built received a footpath closure permit under s.138 to enable service authority and public domain/civil works to commence.
- Built received a road opening permit under s.138 for a full road closure on Church Street to remove the tower crane.
- S.138 pre-start meeting with Council scheduled for 29th March 2021. Built, dwp, and subcontractors are attending.

3.7.3 Ausgrid

- The relocation of underground electrical pipes and cabling along Church Street is complete.
- Plus ES is the Ausgrid nominated subcontractor to install electrical meters to MSB and is scheduled to complete install on 10th May 2021.
- Ausgrid is scheduled to complete energisation on 16th May 2021.

3.7.4 Jemena

- No updates this period.

3.7.5 Hunter Water

- No updates this period.

3.7.6 Communications (NBN & Other Service Providers)

- Vocus, NBN and Telstra are scheduled to commence works on 29th March 2021.
- TPG has replaced the existing optic fibre cable beneath the driveway for Newcastle Police Station and completed the cutover/connection of this new service.

3.7.7 SANSW

- No updates this period.

3.7.8 Principal Certifying Authority

- PCA intends to submit the Occupation Certificate checklist by end of March 2021.

3.8 Outstanding RFIs

(Generated from Aconex)

dwp AU-RFI-000175	Ausgrid MSB Compliance Statement & Checklist	7/07/2020	Katherine Daunt	dwp	Built	Responded
dwp AU-RFI-000220	Re: C20 & C21 Public Domain Works S138 Roads Approval [RA2020/00157]	12/10/2020	Katherine Daunt	dwp	Built	Responded
BUILT-RFI-000743	Further amendments to FER	29/10/2020	Sita Vasanthakumar	Built	Design Confidence	Responded
BUILT-RFI-000860	RCP layout - Residential Building L1 - URGENT	10/12/2020	Olivia Ryan	Built	dwp	Responded
dwp AU-RFI-000258	Internal Waterproofing Tech Data	15/12/2020	Katherine Daunt	dwp	Built	Outstanding
BUILT-RFI-000876	Additional Electrical Passive Fire Rating Proposals	16/12/2020	Olivia Ryan	Built	Design Confidence	Outstanding
dwp AU-RFI-000262	Re: DRAFT Heritage Interpretative Graphic Design Package	22/12/2020	Katherine Daunt	dwp	Minale Tattersfield	Responded
dwp AU-RFI-000263	Stretch fabric ceiling - change from Barrisol to Newmat	18/01/2021	Christian Barkowski	dwp	Built	Responded
BUILT-RFI-000904	<u>Residential building - Lvl 1 kitchen vertical tiled corners</u>	21/01/2021	Robert McLaughlin	Built	dwp	Responded
BUILT-RFI-000910	Additional Electrical Passive Fire Rating Proposals- Wall Types to be included	25/01/2021	Olivia Ryan	Built	Design Confidence	Responded
dwp AU-RFI-000266	Re: RCP layout- Residential Building L1- URGENT	28/01/2021	Christian Barkowski	dwp	Built	Outstanding
BUILT-RFI-000933	Residential Building- Installed Link Boxes	5/02/2021	Benjamin Moss	Built	Northrop	Responded
BUILT-RFI-000941	Fwd: ASE Application Form	10/02/2021	Sita Vasanthakumar	Built	dwp	Responded
BUILT-RFI-000943	Re: Residential Building- Link Boxes	10/02/2021	Benjamin Moss	Built	Northrop	Responded
dwp AU-RFI-000269	Installation of Electricity Meters - Plus ES	17/02/2021	Katherine Daunt	dwp	Built	Responded
BUILT-RFI-000990	Atrium Box Gutter and Roof	25/02/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded

BUILT-RFI-000996	Mounting of Light Fitting Type U	26/02/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-000998	Operable Walls_Shop Drawing Review	26/02/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-001001	Heritage Building Joinery Handles	02/03/2021	Jack Garland	Built Pty Ltd	dwp	Responded
BUILT-RFI-001006	Fwd: Operable Walls_Shop Drawing Review	03/03/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-001024	Master key system schedule - Nihon to complete	09/03/2021	Slafco Gavriloski	Built Pty Ltd	dwp	Outstanding
BUILT-RFI-001029	Nihon Contact Details	10/03/2021	Jake McIlhatton	Built Pty Ltd	dwp	Responded
dwp AU-RFI-000271	Marline Construction Inspection March 2021	11/03/2021	Christian Barkowski	dwp	Built	Outstanding
BUILT-RFI-001033	Access panels in Decking for Siphonic Drainage	12/03/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-001039	Smoke Detector Clash with AC in Residential Lift Lobbies	15/03/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-001044	Fwd: Resi Cafeteria RA clash with Strip Light	16/03/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Responded
BUILT-RFI-001049	Timber Framing to Internal Terrace Soffits	18/03/2021	Benjamin Moss	Built Pty Ltd	Design Confidence	Responded
BUILT-RFI-001048	SK06 duct size / option to change to aluminium	18/03/2021	Slafco Gavriloski	Built Pty Ltd	dwp	Responded
BUILT-RFI-001051	Atrium Balustrade	19/03/2021	Sita Vasanthakumar	Built Pty Ltd	dwp	Outstanding
dwp AU-RFI-000272	Moir Critical Landscape Inspections and Hold Points	22/03/2021	Katherine Daunt	dwp	Built	Responded
BUILT-RFI-001053	Fwd: Nihon University. Re: Ausgrid Connection Portal.	22/03/2021	Benjamin Moss	Built Pty Ltd	dwp	Responded

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. Built and CWS are targeting a 90% materials recovery rate of all waste collected.

Central Waste will issue monthly Waste Recovery Reports to Built specifically for the Nihon University Newcastle Campus project. These reports are **attached in Appendix I**.

For March 2021, the Waste Recovery Percentage is 90.00%

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 – Workflow Status

Appendix H – Statused SSD-9787 Conditions Matrix

Appendix I – Monthly Waste Recovery Reports

Appendix A – Monthly HSE Incident Register

Monthly HSE Incident Register



Project: Nihon University

Mar-21

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*
Dec-20	18400	0	1	0	0	0	0
Jan-21	24200	1	0	0	0	0	3*
Feb-21	25600	1	0	0	1	0	0
Mar-21	21300	0	0	0	0	0	1*
TOTALS:	183194	7	4	0	4	1	19

Appendix B – Community Liaison Register

Community Liaison Register					Built.		
Project: Nihon University				Complaints Register		Last Updated: 26/03/21	
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 discuss 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
2003-CC005	19/03/2020 4:05pm	James Fletcher Hospital (JFH)	Architect/Superintendent 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 permissible 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	08/04/2020 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
2101-CC019	20/01/2021	CG (Resident)	Complaint received via email regarding construction noise at 6:52am.	20/01/2021	BM	Site personnel addressed on construction working hours and apology issued to the resident.	Y
2101-CC020	21/01/2021	CG (Resident)	Complaint received via email regarding construction noise at 6:50am.	22/01/2021	BM	Site personnel responsible were specifically tool boxed on construction working hours and apology issued to the resident.	Y
2101-CC021	29/01/2021	HNE JFH	Complaint received via email from HNEH regarding unauthorised parking in hospital driveway and staff being subject to abuse when directions were given to remove vehicle. Initial details cannot confirm whether person(s) involved were related to the project.	1/02/2021	BM	Built Project Manager contacted HNEH Corporate Services Manager by phone to discuss the incident and offer assistance in identifying those responsible. Investigations ongoing. Subcontractor identified and immediately removed from site. HNE advised of no further issues.	Y

2103-CC022	26/03/2021 6:13am	CG (Resident)	Complaint received via email from Resident regarding works in relation to the tower crane removal commencing prior to 7:00am.	26/03/2021 8:00am	BM	Email response to the resident with apologies and an explanation that the tower crane removal involved a full road closure and significant amount of high risk activity including major plant travelling from Wollongong. This major operation within a busy street/business district requires the implementation of all necessary control measures and traffic management to be in place prior to works commencing to ensure the safety of the public and site personnel. Further to this, with several delays due to recent inclement weather and ongoing unpredictable forecasts, we required the works to proceed this morning in the interest of safety. We are aiming to complete these works safely and ASAP to minimise further disruptions across the entire weekend and leading up to Easter. Note: Complaint remains open due to timeframe between receiving complaint and submission of the monthly report.	N
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Community Liaison Register

Built.

Project: Nihon University

Notices Register

Last Updated: 26/03/2021

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 raised during the works.	Y
2012-CN023	9/12/2020	ALL	OR	EMAIL	Notice provided to community stakeholders advising of partial road closures on Church Street for scheduled concrete pours on 11th & 14th December.	Response received from Grand Hotel, NGS, and HNEH James Fletcher thanking Built for the notice. Nil actions.	Y
2012-CN024	9/12/2020	ALL	OR	EMAIL	Notice provided to community stakeholders advising of rescheduled partial road closure on Church Street for rescheduled concrete pour on 10th December due to inclement weather.	Response received from Grand Hotel, NGS, and HNEH James Fletcher thanking Built for the notice. Nil actions.	Y
2012-CN025	10/12/2020	ALL	OR	EMAIL	Notice provided to community stakeholders advising of partial road closures on Church Street for concrete pours scheduled between December 2020 to mid-January 2021.	No response received.	Y
2012-CN026	21/12/2020	ALL	BM	EMAIL	Construction progress update and advising of upcoming works in early 2021 including concrete pours and public domain works.	No response received.	Y
2101-CN027	22/01/2021	ALL	BM	EMAIL	Community notice advising of upcoming road and footpath closures to enable construction works.	No response received.	Y
2102-CN028	5/02/2021	ALL	BM	EMAIL	Community notice advising of amended dates for upcoming road and footpath closures to enable Hunter Water works.	No response received.	Y
2102-CN029	11/02/2021	Newcastle Police Station	BM	MEETING	Consultation meeting held onsite with Newcastle Police personnel to discuss upcoming cabling works.	No issues raised. Works will be coordinated with NPS to minimise any disruptions.	Y
2102-CN030	26/02/2021	ALL	BM	EMAIL	Community notice advising that the tower crane removal and road closure has been rescheduled to 12th & 13th March 2021.	No response received.	Y
2103-CN031	10/03/2021	ALL	BM	EMAIL	Community notice advising that the tower crane removal and road closure has been rescheduled to the 19th & 20th March 2021 due to forecast inclement weather.	No response received.	Y
2103-CN032	23/03/2021	ALL	BM	EMAIL	Community notice advising that the tower crane removal and road closure has been rescheduled to the 26th & 27th March 2021 due to forecast inclement weather.	No response received.	Y
2103-CN033	25/03/2021	ALL	BM	EMAIL	Update advising of upcoming road closures, Authority service works, commencement of s.138 works, and general construction progress.	No response received.	Y

Community Liaison Register						Built.	
Project: Nihon University			Queries Register			Last Updated: 26/03/2021	
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	Confirmed 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

Appendix C – Audit Records

Details

Form id	187272
Created at	01/03/2021 by Michael Louis
Completed at	02/03/2021
Last modified	02/03/2021 08:34:50 by Michael Louis
Status	Complete
Respondent	Michael Louis
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	Engineering Fabricators Newcastle Pty Ltd
Plant Type	Crane
Make and model of plant	Maeda MC305CRM-2
<i>Example; Komatsu 30t. JLG 30ft. Putzmeister 45m</i>	
Plant Identification Number	D0632
<i>This is the asset number or serial number specific to this item of plant and can be found on the compliance plate or other identifying area.</i>	
Built Identification number	139
<i>This is the number on the top of the Blue Sticker that will be issued to the plant once it has satisfied all areas of the inspection.</i>	
Contact details of the person responsible for the plant	Ben Bates
<i>Insert the person responsible for scheduling the plant maintenance, and authorising those who are allowed to operate the plant on site)</i>	
Date of last service or inspection	27/01/2021
<i>This may be found on the pre-delivery inspection report or maintenance report. Note; This must not exceed the periods specified in the Manufacturers Instructions</i>	
Approximate date of next service	21/04/2021
<i>This may be found on the pre-delivery inspection report or maintenance report. Note; This must not exceed the periods specified in the Manufacturers Instructions</i>	
General inspection items	☒ No visible oil leaks ☒ Recorded faults are rectified or closed out
Crane type	Mobile Crane

Plant Inspection



Items to be reviewed and photographed during the inspection

Select these items as they are recorded

- ☒ Operators manual
- ☒ Last service report
- ☒ Plant risk assessment
- ☒ Operators inspection log book

Mobile crane requirements

- ☒ Fire extinguisher fitted
- ☒ "Danger" Over head powerlines signage displayed
- ☒ WLL indicting lights active
- ☒ Crane Safe for cranes over 10t complete

Year of manufacture

2016

10 year inspection complete

- ☒ Not Applicable

Status of plant

Registered and on site

Photos

01-2022*



HYDRAULIC BOOM CRAWLER CRANE

Report

HBCC A 154083-9



CraneSafe®
Div of The Crane Industry Council of Australia
ABN 73 002 565 773
PO Box 136
MOUNT WAVERLEY VIC 3149
Phone: +61 (03) 9501 0078
Email: assessments@cranesafe.com.au

Initial Inspection Date: 15/01/2021
Conforms to Checklist: Yes
Issued Date: 05/02/2021
Expiry Date: 15/01/2022

COMPANY
Newcastle Cranes Pty Ltd
ABN 71 636 100 742
O Box 3236 THORNTON NSW 2322

REPRESENTATIVE
Celia Botham Phone: 0413192946
Email: newcastlecranes@gmail.com



Maeda MC305CRM-2

UPPER HOURS
1622

SERIAL NUMBER
D0632

PLANT NUMBER
06

MAX LOAD
2950 KG

DESIGN REGISTRATION NUMBER
NOT SUPPLIED AT TIME
OF THE INSPECTION

PLANT REGISTRATION NUMBER
NOT SUPPLIED AT TIME
OF THE INSPECTION

ASSESSED BY
John Harding
Reg No: NSW1078
Phone: 0418 465 469
Email: johnh@hardingengineering.com.au

COMPANY
Harding Engineering Pty Ltd
PO Box 306 SALAMANDER BAY
NSW 2317

YOM
2016

NC SWMS Generic

Mandatory Job Prerequisites – For the purposes of this JSEA / SWMS, it is a base operating condition that all mandatory site prerequisites are in place e.g. Customers Safety Requirements & Induction, Plant Inspections, Daily Plant Checklists, Prestart Meetings, Mandatory PPE, Site Rules, necessary work permits etc. are considered minimum standards. Only additional control measures are considered in this JSA.








Procedure	Potential Safety & Environmental Hazards Identify the hazards associated with each step, examine each to find all possible risk factors	Initial Risk Rating	Control Measures Eliminate or minimize all hazards that could lead to an accident, injury, illness or environmental incident.	Residual Risk Rating	Person Responsible
1. Pre start check	Slip, trip, fall	Moderate 100	Maintain three points of contact when accessing crane, ensure adequate grip and wear safety boots	Moderate 30	Operator Dogman
	Poor visibility, tyre condition, fluid leaks	Moderate 100	Complete daily pre-start logbook inspections	Moderate 30	
2. Travel to work site	Vehicular collisions	Extreme 3000	Travel to the conditions, shall always drive to State road rules & permits	Moderate 90	Operator Dogman
	Fire hazard - engine and drive train heat	Moderate 30	Check fire extinguisher is in date	Low 9	
3. Arrive at site	Collisions with other site plant	Extreme 3000	Park truck/crane in a safe area Ensure amber beacon is operating while on site	Moderate 90	Operator Dogman Client liaison
	Unfamiliar with site, unstable ground, overhead obstacles, underground services, other trades.	High 300	Complete site induction if required and complete a site inspection. Annotate any hazards and controls on the job docket risk assessment. Obey all site safety rules and signage.	Moderate 30	
	Personal injury	High 300	Minimum PPE to be worn as displayed above:	Moderate 30	
4. Plan work strategy	Confusion over work to be performed	High 300	Crane crew to have toolbox meeting with client and/or site supervisor. Hazards and controls reviewed & job docket checklist completed.	Low 9	Operator Dogman Client
	Injury to workers or public	High 300	Shall use approved traffic controls, permits, barricades and signage as required	Moderate 90	
	Unable to set up crane safely	Extreme	Conduct site inspection again with client to plan an	Moderate	

Version 1.2 Date of Issue: 20/09/2019 Review Date: 20/09/2020 Form Number: NMC-JSEA-Generic Page 4

Plant Hazard Identification and Risk Assessment

Plant Information

Plant item:	Maeda MC305C-2 Crawler Crane	Plant identification details (asset/plant no.):	Unit No: 06 Serial No: D0632
Project:			
Competency required to operate the plant:	C2 slewing mobile crane capacity of 20 tonne or less.		
List all legislation, codes of practice and Australian Standards applicable to this item of plant:			
AS 1418, AS 2550, WHS Regulations 2011 WHS Act 2011	"Managing the risks of plant in the workplace" Code of Practice 2014 "Working near power lines" Code of Practice 2006		
List other documentation relevant to this plant reviewed during this assessment? ie SWMS, SOPs, Manufacturer's Handbook.	NMC JSEA / SWMS Cranes Operation Manual		
Assessment conducted by:	Lee Taylor (Manager)		Date: 19/09/2019



OPS-006 Dry Hire Inspection Sheet
Revised 20 Sep 20

Newcastle cranes
PO Box 3336, Victoria NSW 2322
Ph: 02 9551 7777 Fax: 02 9551 142 946
Email: newcastlecranes@gmail.com
AUSTRALIA 02 9551 142 946

Dry Hire Inspection Sheet

Make: <u>Madea</u>	Model: <u>D063Z</u>	Equipment No: <u>AR06</u>	Serial No: <u>MC20SERV12</u>
Name of Customer:		Contact:	Neu/IDM: <u>1087-7</u>
		Location:	Date: <u>1-3-21</u>

Inspection Element	Pre Hire ✓ X	Comments	Post Hire ✓ X	Comments
Engine Oil Level	✓			
Coolant/Water Level	✓			
Fuel Level	✓	FULL		
Hydraulic Oil Level	✓			
Oil Leaks	✓			
Control Switches Labelled	✓			
Work Lights	✓			
Flashing Light	✓			
Operators Seat	✓			
Log Book/Operator Manual	✓			
Crane Safety File	✓			
Load Chart	✓			
Safety Decals	✓			
Mirrors/Glass	✓			
Fire Extinguisher	✓			
Tracks/Drive system	✓			
Outriggers	✓	4 Timbers		
Boom	✓			
General Body	✓			
Winch/Winch rope	✓			
Hook Block/Sheaves	✓			
Hydraulic Rams	✓			
LMI/Anti 2 Block Alarm	✓			
Crane Functions Check	✓			
Crane Washed	✓			

Inspected By: [Signature]



REPORT NO: QTR 0114

Quarterly Inspection

Make: <u>Maeda</u>	Model: <u>MC305CRM2</u>	Equipment No: <u>NC 06</u>	Serial No: <u>D0632</u>	Hour/Day: <u>1067</u>
Name of Customer:	Contact:	Location: <u>Carrington</u>	Date: <u>27-12-1</u>	

Last Service Completed:

Next Service Due:

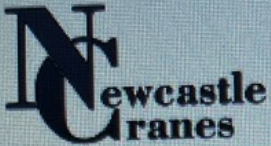
CARRIER	OK		REMARKS
	YES	NO	
Engine oil level / leaks	/		
Coolant level / hoses	/		
Tension and condition of V-Belts	/		
Fuel Filter / leaks	/		F011
Air Filter	/		
Transmission oil level / leaks	/		
PTO			
Driveline / axles			
Drive hub level / leaks	/		
Drain water/sediment from fuel tank	/		
Battery Level / charge	/		
Starter Motor	/		
Wiring / Electrical	/		
Lighting	/		
Brake system			
Park Brake			
Steering System	/		
Suspension System			
Hydraulic level / leaks	/		
Hydraulic Pump	/		
Chassis / structure	/		
Body panels	/		
Carrier Grease points	/		
Track / Tyre Condition	/		
Outrigger Beams / Pads	/		4 Pads
Outrigger Extension / Grounding Cylinders	/		

SUPERSTRUCTURE	YES		NO	REMARKS
	YES	NO		
Winch Reduction Gearbox Level / Leaks	/			
Winch Motor	/			
Winch Rope and terminations	/			Few kinks in rope
Rotary Coupling	/			
Slew Reduction Gearbox Level / Leaks	/			
Slew Bearing	/			
Slew Motor	/			
Luffing Cylinders	/			
Boom Telescoping Cylinder	/			
Boom Adjustment / Lubrication	/			

Maintenance Form 102 - Quarterly Inspection
Version 3.0

Page 1 of 2

Boom Telescoping Cylinder	/		
Boom Adjustment / Lubrication	/		
Maintenance Form 002 - Quarterly Inspection Version 1.0			Page 1 of 2



**Newcastle
Cranes**

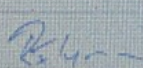
REPORT NO: QTR 0114

Boom Butt Section	/		
1 st Section	/		
2 nd Section	/		
3 rd Section	/		
Tip Section / Manual	/		
Fly Jib			
Hydraulic Hoses - Fixed & Flexible	/		
Control Valves	/		
Superstructure grease points	/		
Sheaves	/		
LMI / AML			
Anti 2 Block	/		
Main Hook Block	/		
Aux Hook Block			
Operators cabin	/		

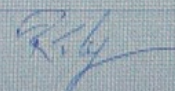
CRANE FUNCTIONS / OPERATION	YES	NO	REMARKS
Decals / Warning Labels	/		
Bubble levels	/		
Angle Indicator	/		
Steering Function	/		
Drive Function	/		
Slew Function	/		
Luffing Function	/		
Hoist Function	/		
Boom Telescoping Function	/		
Outrigger Function	/		
Electricals / Lights / Horn etc	/		
AirCon filter in cab			
Operators Seat and Seat belt	/		
Mirrors	/		

ACCESSORIES	YES	NO	REMARKS
Operators Manual	/		
Daily Log Book	/		
Fire Extinguisher	/		
Plant Safety File	/		
Witches Hats			
Spreader Bar			
Pallet Bars			
Timbers and pads			

COMMENTS

Inspected by: 

Maintenance Form 002 - Quarterly Inspection
Version 1.0

Signed: 

Date: 27-1-21

Page 2 of 2



NEWCASTLE MINI CRANES

- Mobile Crane Hire - Rigging
PHONE 4961 5777

11153

DAILY CRANE OPERATOR CHECKS

	Satisfactory ✓					Action Required X				
	Mon	Tues	Wed	Thur	Fri	Sat	Sun			
Engine										
Oil Level	✓	✓								
Coolant Level										
Fuel Water Drain										
Brake Fluid	✓	✓								
Battery	✓	✓								
Air Filter	✓	✓								
V Belts	✓	✓								
Carrier										
Tires - Pressure/Condition										
Wheel Nuts - Tightness	✓	✓								
Fuel Level										
Air Tank Drain										
Steering Function	✓	✓								
Brake Function	✓	✓								
Lubrication	✓	✓								
Lights, Horn, Gauges										
Crane Functions										
Slew	✓	✓								
Booming, Raising & Lowering	✓	✓								
Boom Extension & Retraction	✓	✓								
Winches/Safety Paws	✓	✓								
Wire Ropes	✓	✓								
Sheaves	✓	✓								
Anti-Two Block	✓	✓								
Load Indicator	✓	✓								
Outriggers	✓	✓								
Lubrication	✓	✓								
Crane Structural Components										
Hydraulics										
Oil Level	✓	✓								
Hydraulic Oil Level Leaks	✓	✓								
Cylinder Leaks										

SERIAL NO. D0632 MAKE & MODEL MAEDA MC305CM-2

WEEK ENDING 7/3/21 ENGINE HOURS 1088.5

Notes: KIPKED WIRE ROPE

Mon. Inspected by: _____ Signature: _____

Tues. Inspected by: TOM. CRANE Signature: [Signature]

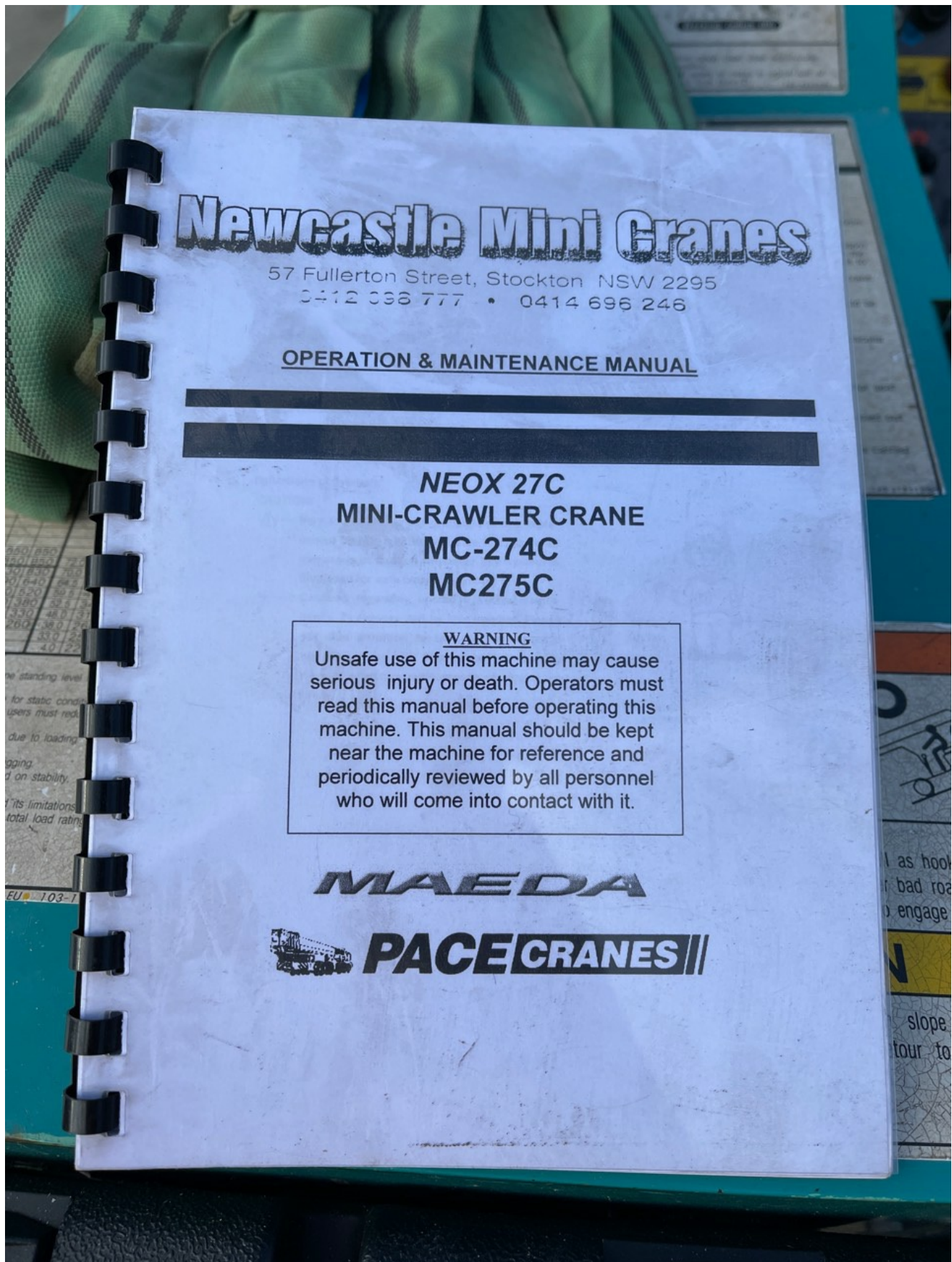
Wed. Inspected by: _____ Signature: _____

Thur. Inspected by: _____ Signature: _____

Fri. Inspected by: _____ Signature: _____

Sat. Inspected by: _____ Signature: _____

Sun. Inspected by: _____ Signature: _____



Attachments

- No file attachments

Actions

Details

Form id	188679
Created at	05/03/2021 by Benjamin Bates
Completed at	05/03/2021
Last modified	05/03/2021 15:54:14 by Benjamin Bates
Status	Complete
Respondent	Benjamin Bates
Division	NSW
Business unit	Newcastle Fitout
Department	
Project	Nihon University Newcastle Campus
Subcontractor	Giant Electrical Pty Ltd
Monitoring Activity	SWMS Monitoring
Outline of activity being monitored	Installing conduits and cables for substation to church st

Documents referenced during monitoring Nil

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.

Summary of monitoring Observed excavator pulling cables and Giant workers installing conduit and cables

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
Pedestrian management in place
Spotters in place

Was work required to be stopped? No

High Potential Hazard Reporting

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

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

Benjamin Bates

Others in attendance

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

Subcontractor name

Persons name

Additional

Photos

Attachments

- No file attachments

Actions

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

Details

Form id	188555
Created at	05/03/2021 by Michael Louis
Completed at	05/03/2021
Last modified	05/03/2021 10:48:10 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
Leif Aleksic
Mathew Mitchell
Michael Louis

Others in attendance

Subcontractor Name	Persons Name
JB INDUSTRY SOLUTIONS PTY LIMITED	Will
JA CROCKETT PTY LTD	Shane
MAILEC ELECTRICAL PTY. LIMITED	Tony
COLES REFRIGERATION & AIR CONDITIONING PTY LTD	Kingsley
GERRARD MURPHY (DRAINAGE) PTY LTD	Dan
DB SCAFFOLDING & RIGGING AUSTRALIA PTY LTD	.

Areas or Locations Inspected Site wide, building A,B,C

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

Summary of inspection Checked scaffold, electrical, PPE, access, housekeeping

*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.*

High Potential Hazard Reporting

High Potential Classification	Trade/Process	Comments
Select from the drop down list those which apply. Use the Add button to add one line per issue	State the trade who has been identified as being responsible for the hazard. If unknown please state 'Unknown'	Describe the situation that is classified as High Potential
Falling Object	Scaffolder	Dismantling scaffold without exclusion zone. Work was stopped and scaffolder set up sufficient exclusion zone

Additional

Photos

- Attachments
- No file attachments

Actions

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

Details

Form id	189880
Created at	11/03/2021 by Michael Louis
Completed at	11/03/2021
Last modified	16/03/2021 09:57:42 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

Others in attendance

Subcontractor Name	Persons Name
GERRARD MURPHY (DRAINAGE) PTY LTD	Dan
MAILEC ELECTRICAL PTY. LIMITED	Anthony
DB SCAFFOLDING & RIGGING AUSTRALIA PTY LTD	E
PINNACLE BRICKLAYING PTY LTD	Mark

Areas or Locations Inspected Site Wide

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

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.

site wide inspection identified the following, all items were rectified during inspection.

- Building A level 4 void area required edge protection/timbers on balustrade handrails (fixed during inspection)
- Building A level 2 EFN workers working without hot works permit, no face shield while grinding, set up of scaffold not correct. work stopped and items addressed.
- Building C level 2 painter using scissor lift, log book not signed and no exclusion zone. work stopped and operator signed log book and set up exclusion zone.
- Building B painter not wearing hard hat on scaffold, worker stopped and will be re inducted.
- Building B/C atrium area. Fortress fencing required to void area.

High Potential Hazard Reporting

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

Additional

Photos

Attachments

- No file attachments

Actions

ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
46037	Liam	Tamsett	11/03/2021	22/03/2021	remove hanging gutter piece in atrium area	Closed	Hanging piece is secured and can't be removed safely until there is better access
46038	Liam	Tamsett	11/03/2021	22/03/2021	fortress fencing required on slab between drop off between building C and Building B	Closed	

Actions

ID: 46037 **Due date:** 2021-03-11 **Status:** Closed
Actionee: Liam Tamsett **Date closed:** 2021-03-22
Action description: remove hanging gutter piece in atrium area

Attachments

- No file attachments

ID: 46038 **Due date:** 2021-03-11 **Status:** Closed
Actionee: Liam Tamsett **Date closed:** 2021-03-22
Action description: fortress fencing required on slab between drop off between building C and Building B

Attachments

- No file attachments

Details

Form id	193661
Created at	26/03/2021 by Benjamin Moss
Completed at	26/03/2021
Last modified	26/03/2021 11:19:50 by Benjamin Moss
Status	Complete
Respondent	Benjamin Moss
Division	NSW
Business unit	NSW Construction
Department	
Project	Nihon University Newcastle Campus
Subcontractor	BUILT PTY LIMITED
Monitoring Activity	Permit Monitoring
Outline of activity being monitored	Tower Crane Removal

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.

- ROP8197 (Road Closure)
- Crane Removal Methodology & Lift Plan
- CTPMSP & Traffic Control Plan
- Bearing Capacity Assessment

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 personnel stationed at each intersection & pedestrian crossing.
- Traffic control signage in place in accordance with TCP.
- Traffic control & site personnel in radio contact.
- Barricades & temporary fencing in place along the footpath for pedestrian management.
- Mobile crane set up in accordance with the lifting plan and bearing capacity assessment.
- Exclusion zones implemented on Church Street and within site boundary (Building C).
- Access to Police Station & Hospital maintained.
- Statutory project signage installed to temp fencing.

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

Benjamin Moss

Others in attendance

Monitoring



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

Subcontractor name	Persons name
--------------------	--------------

Additional

Photos











Attachments

- No file attachments

Actions

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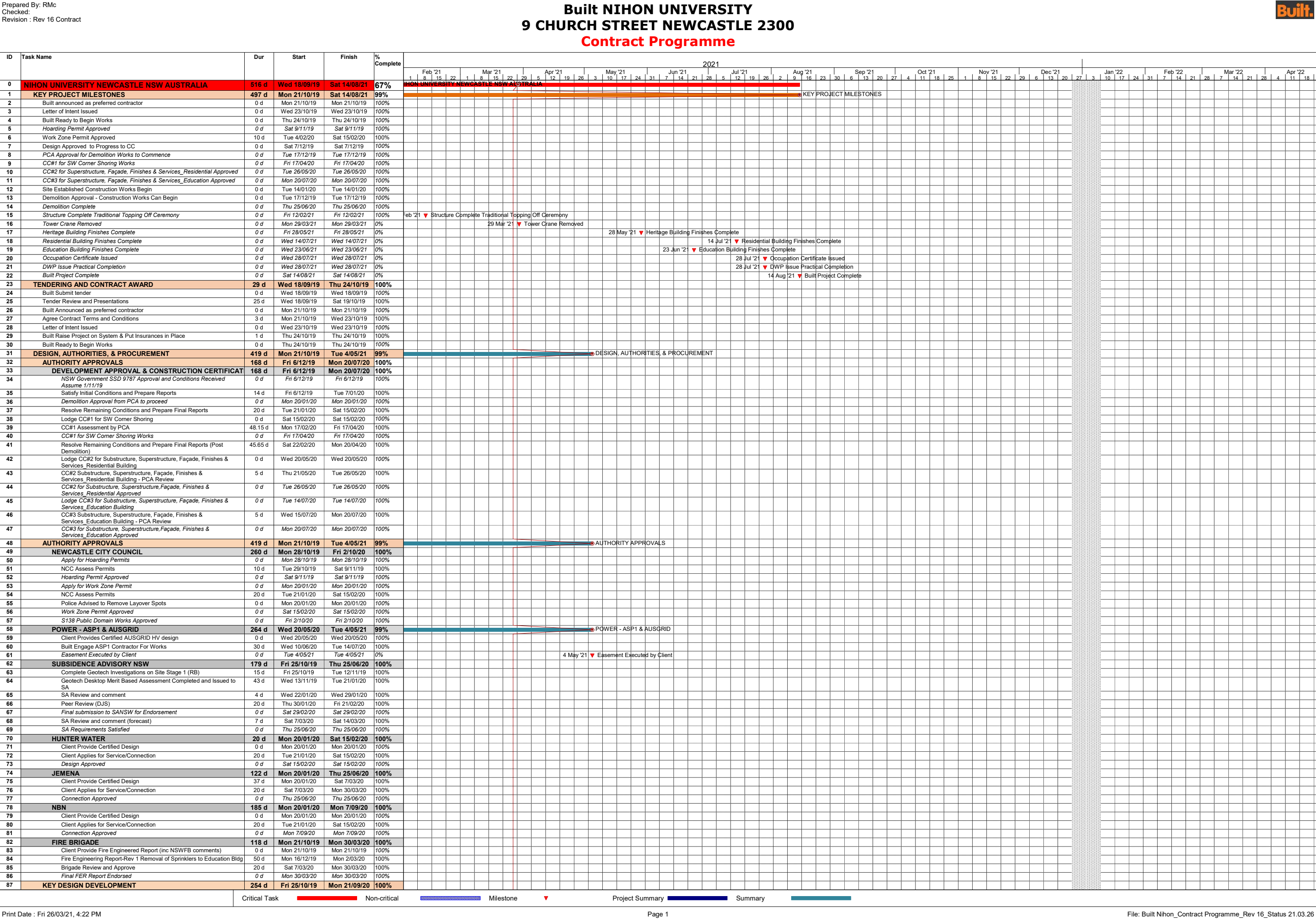
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Plant Inspection

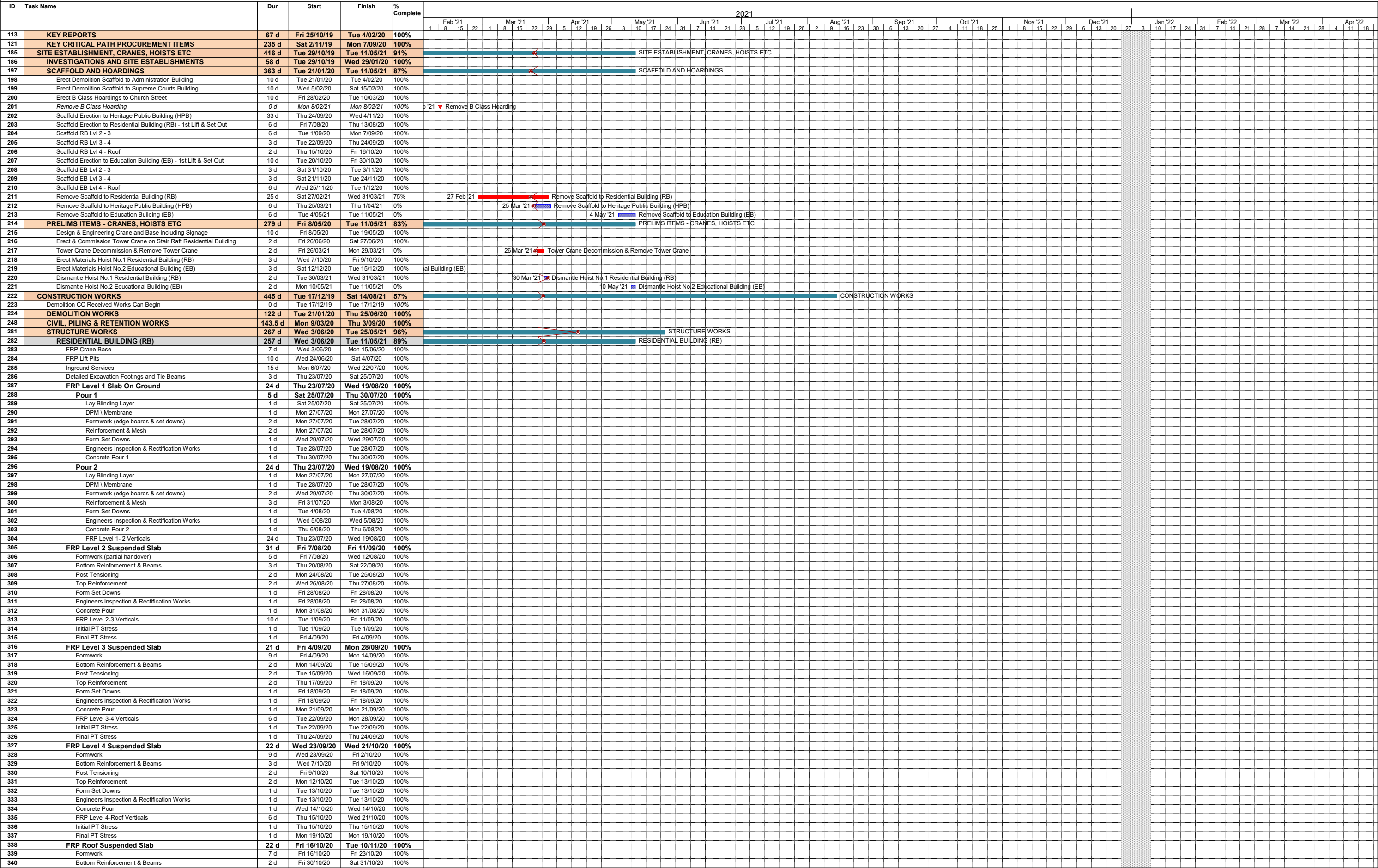


ID	First name	Last name	Due date	Date closed	Action description	Status	Last Comment
Actions							

Appendix D – Statused Contract Programme

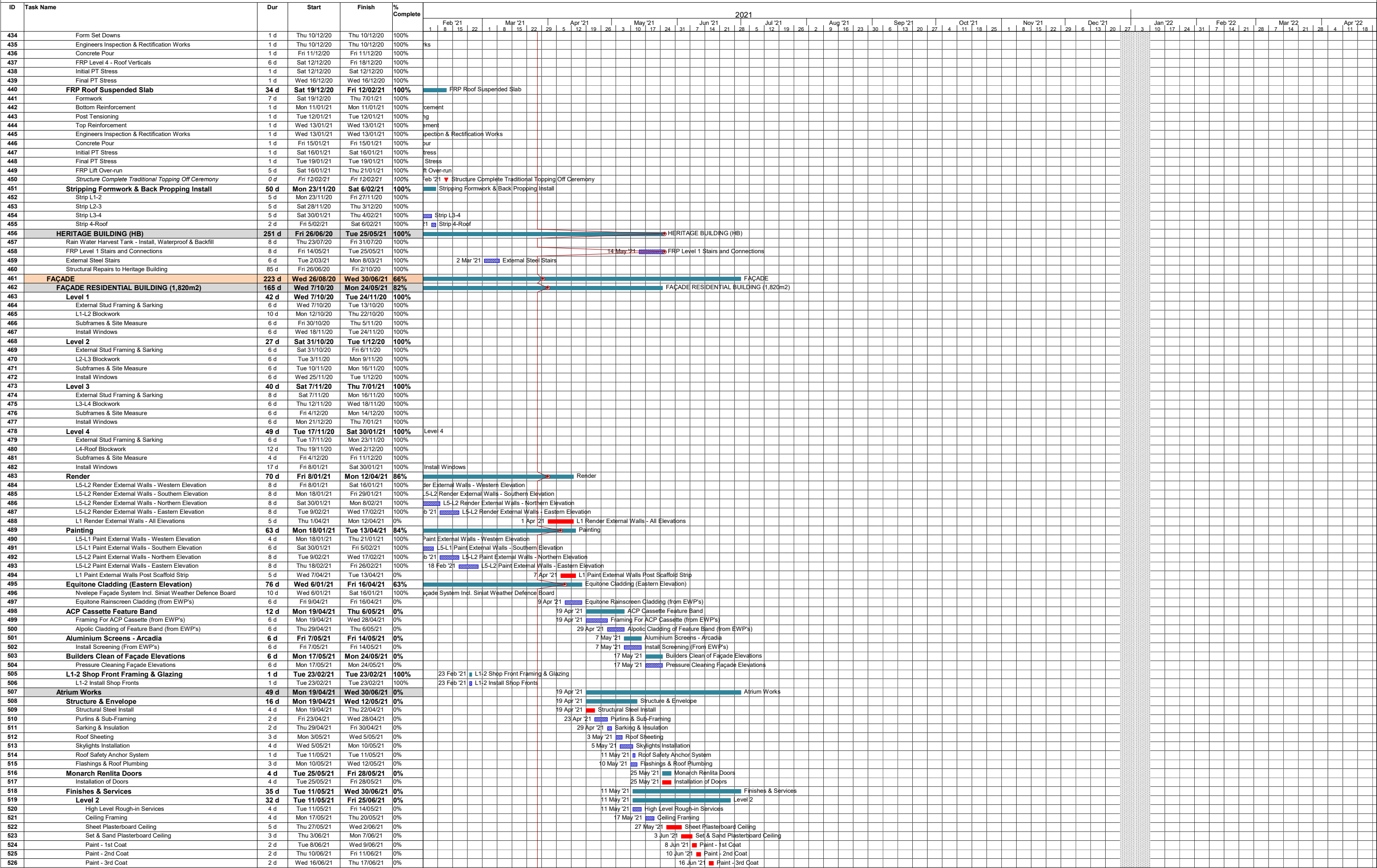


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9 CHURCH STREET NEWCASTLE 2300
Contract Programme



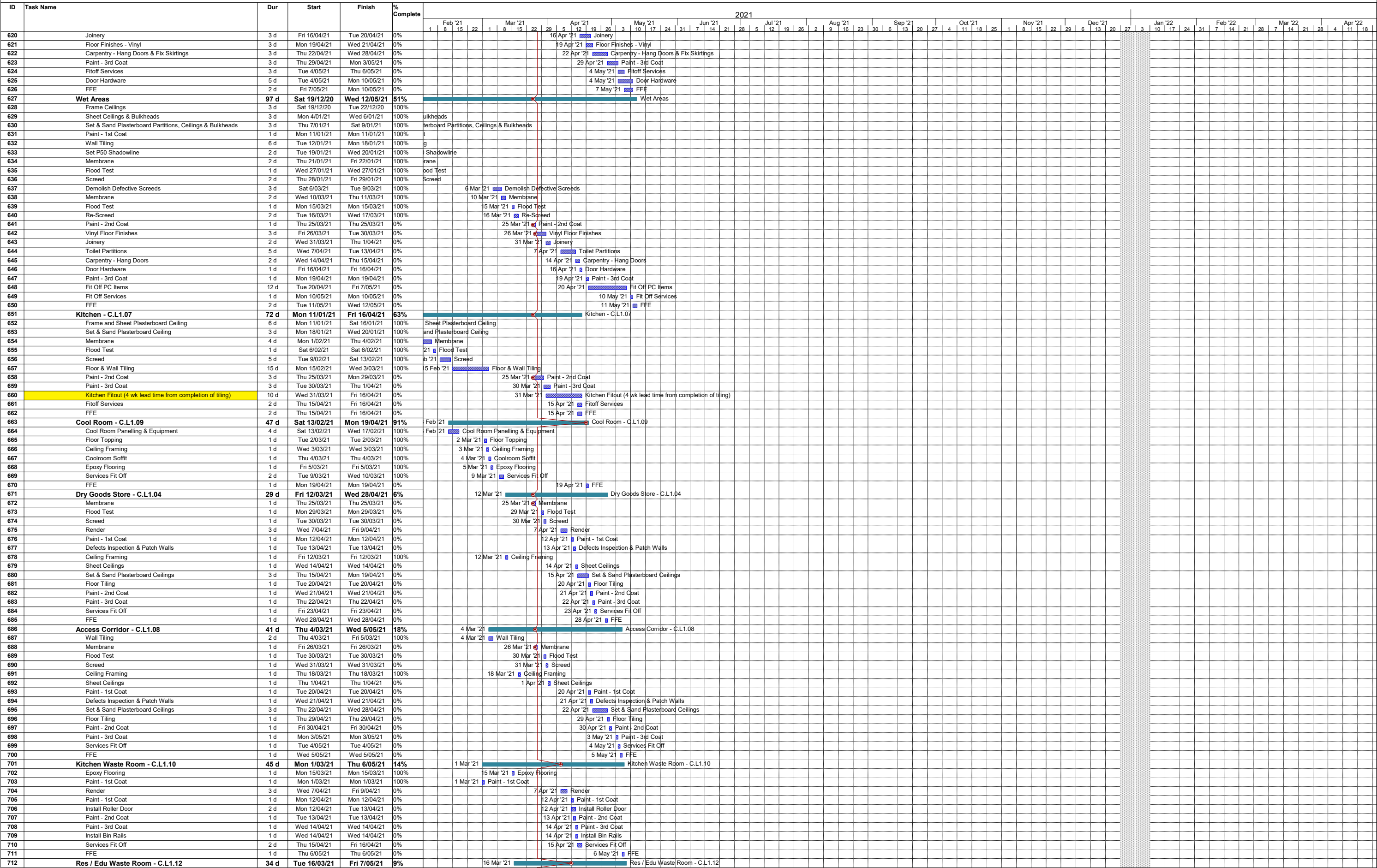
Critical Task Non-critical Milestone Project Summary Summary

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Contract Programme



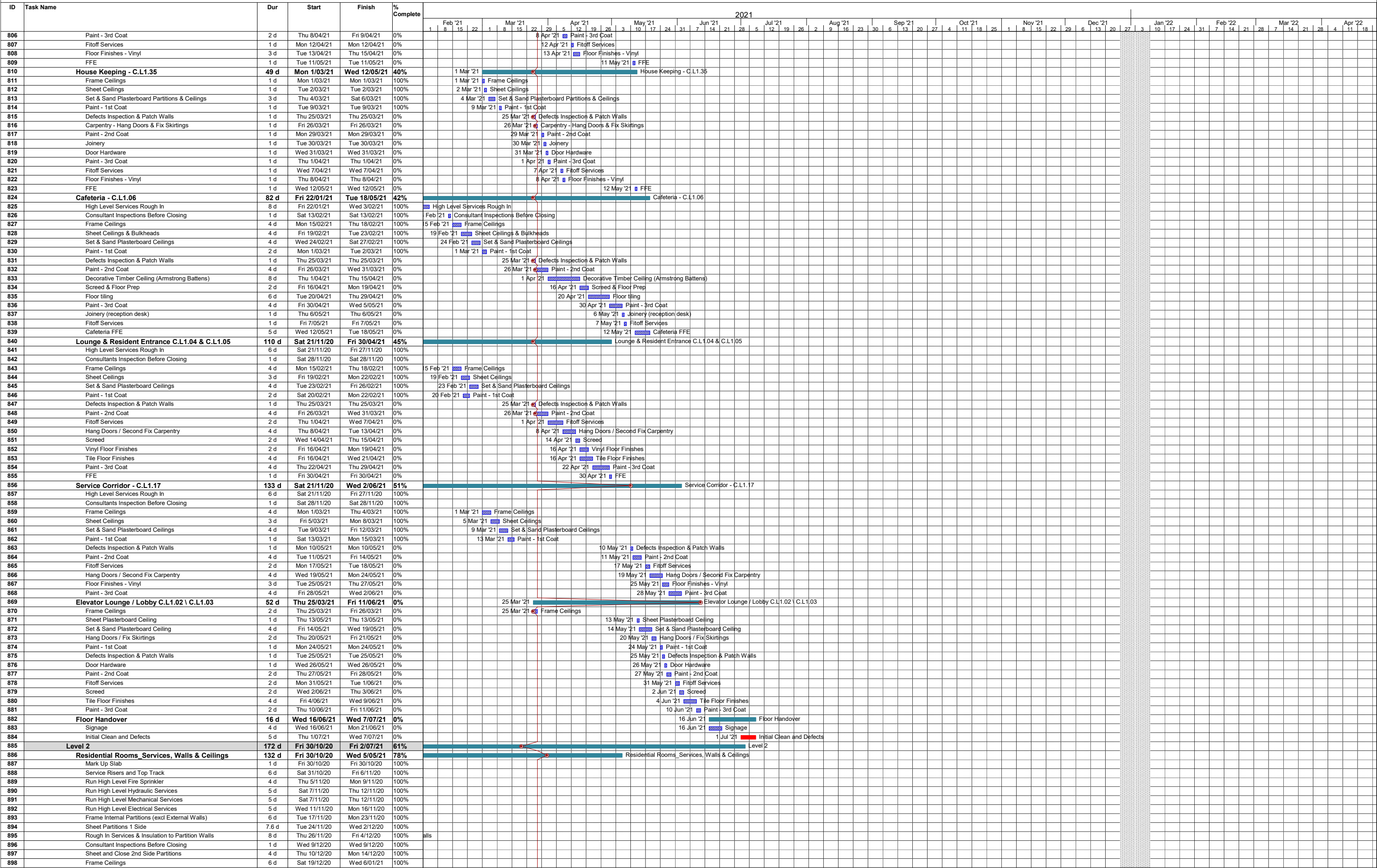
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Print Date : Fri 26/03/21, 4:22 PM	Page 5 File: Built Nihon_Contract Programme_Rev 16_Status 21.03.26

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Contract Programme

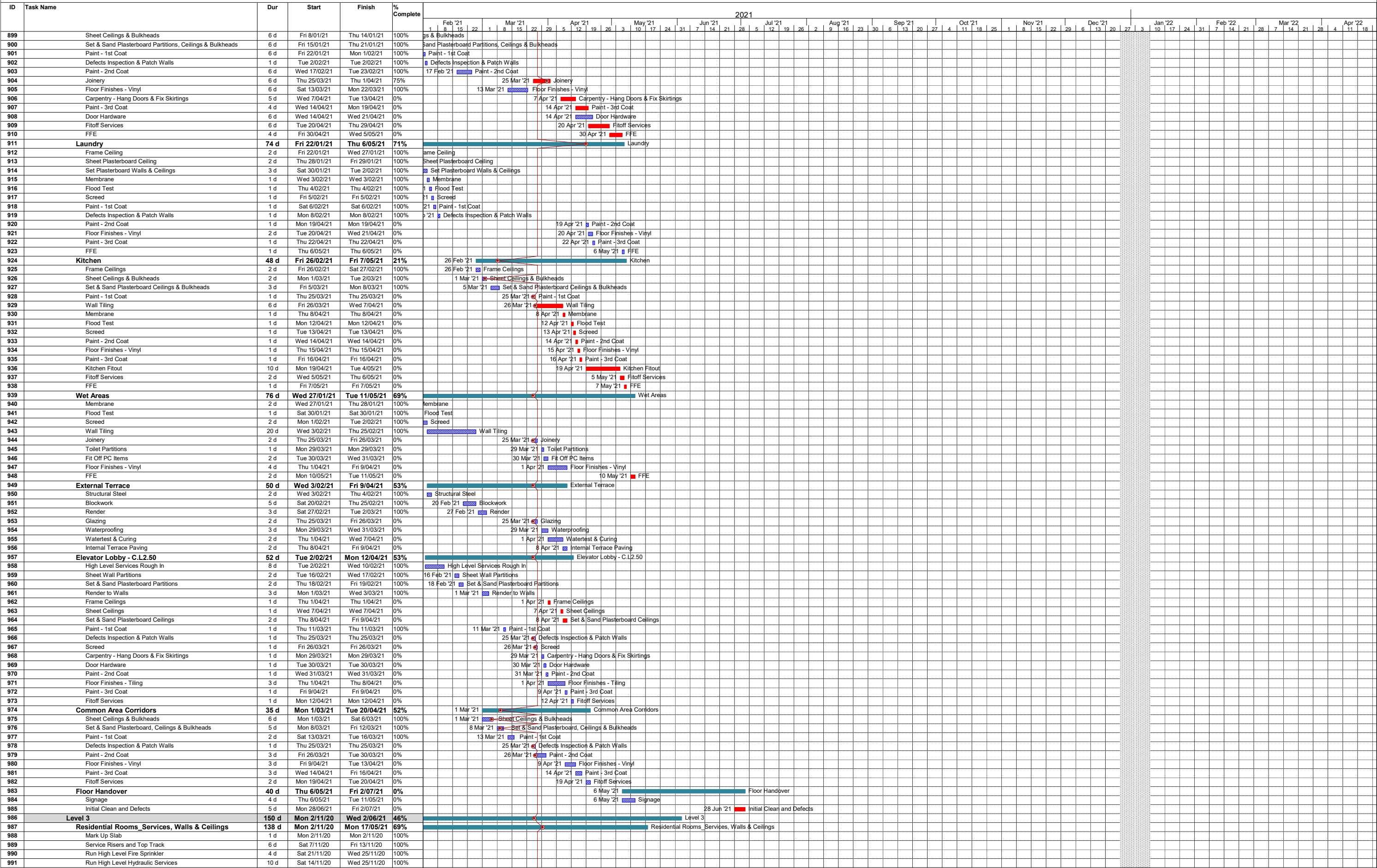


Critical Task Non-critical Milestone Project Summary Summary

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Critical Task

Non-critical

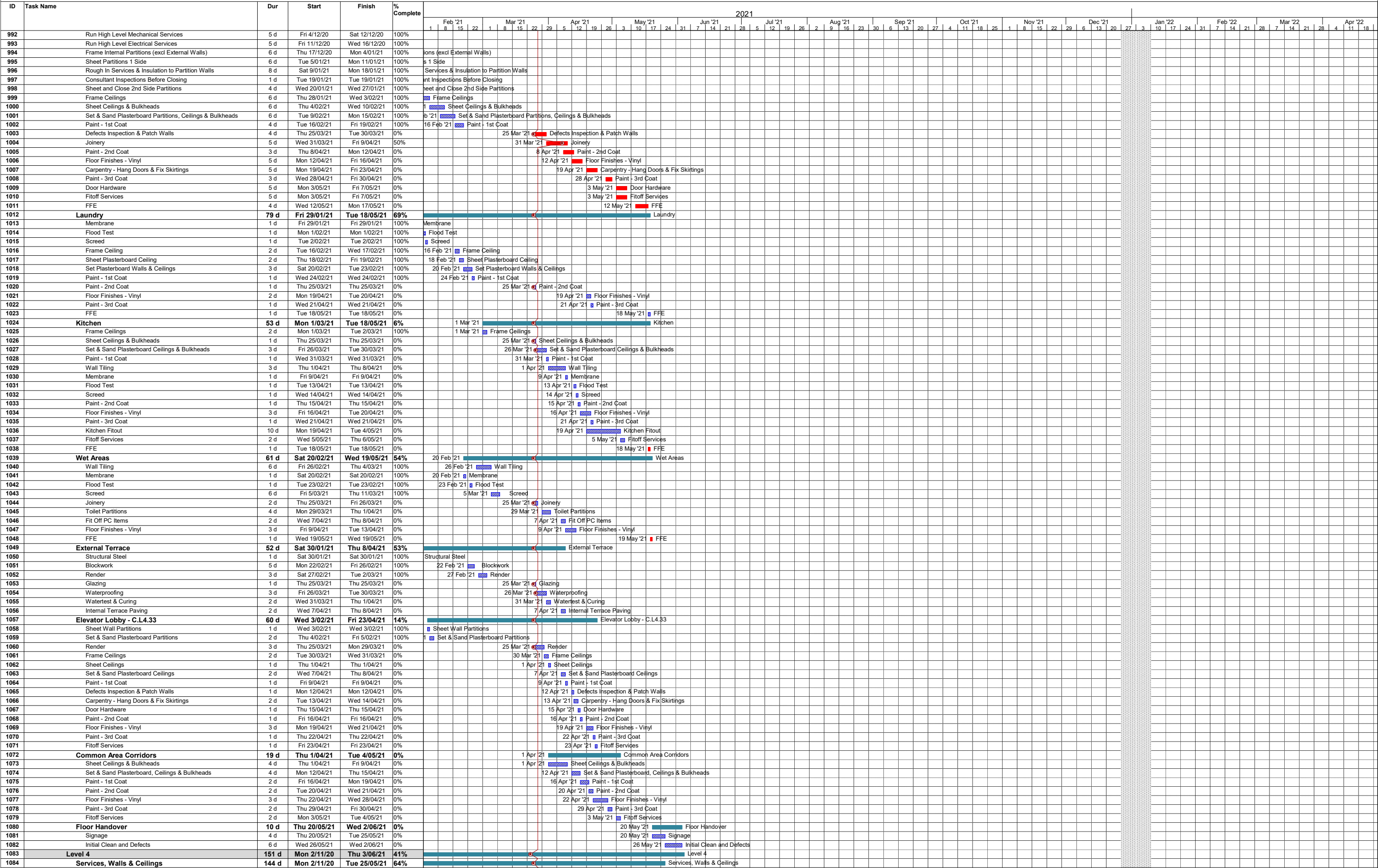
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Project Summary

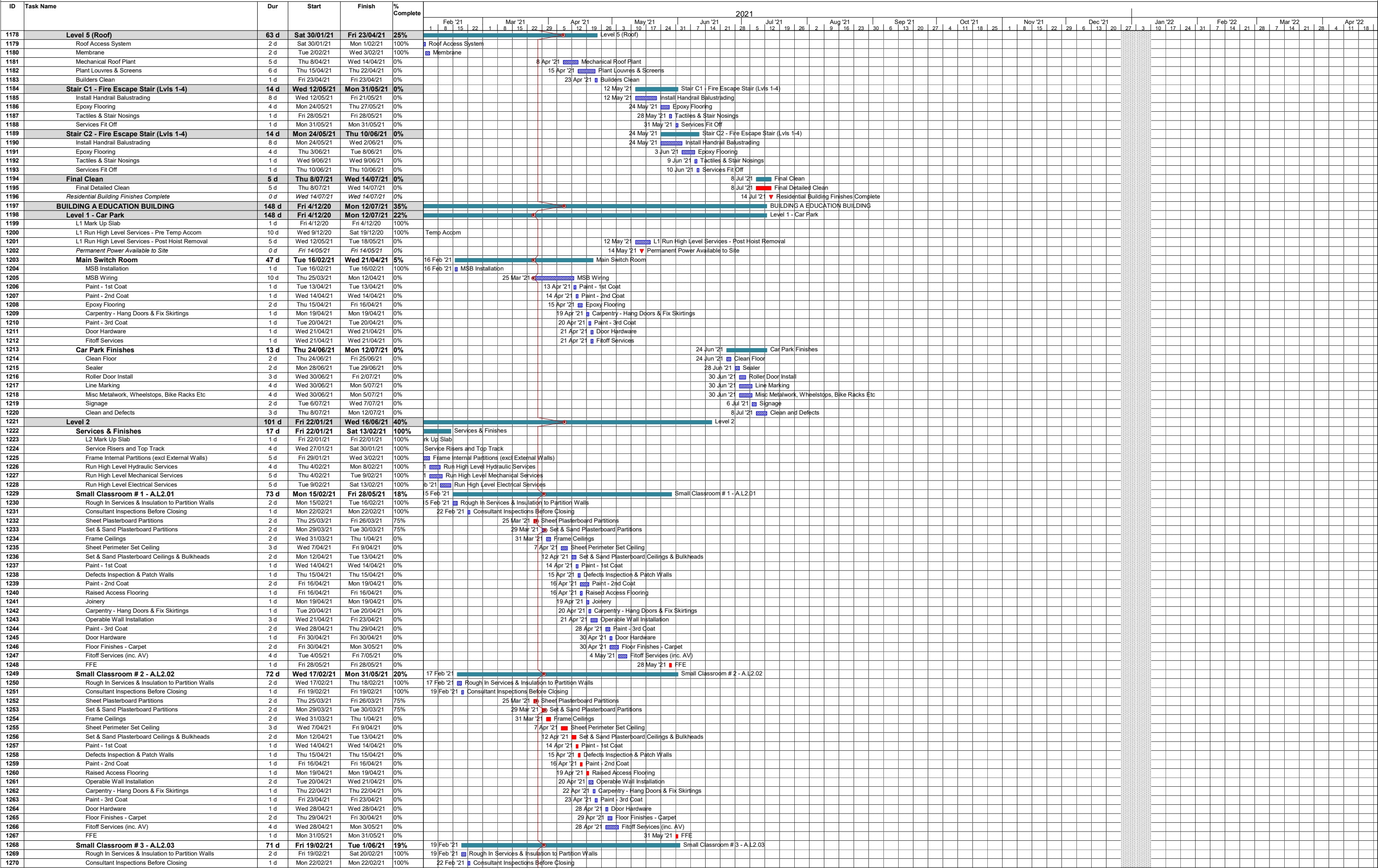
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Contract Programme

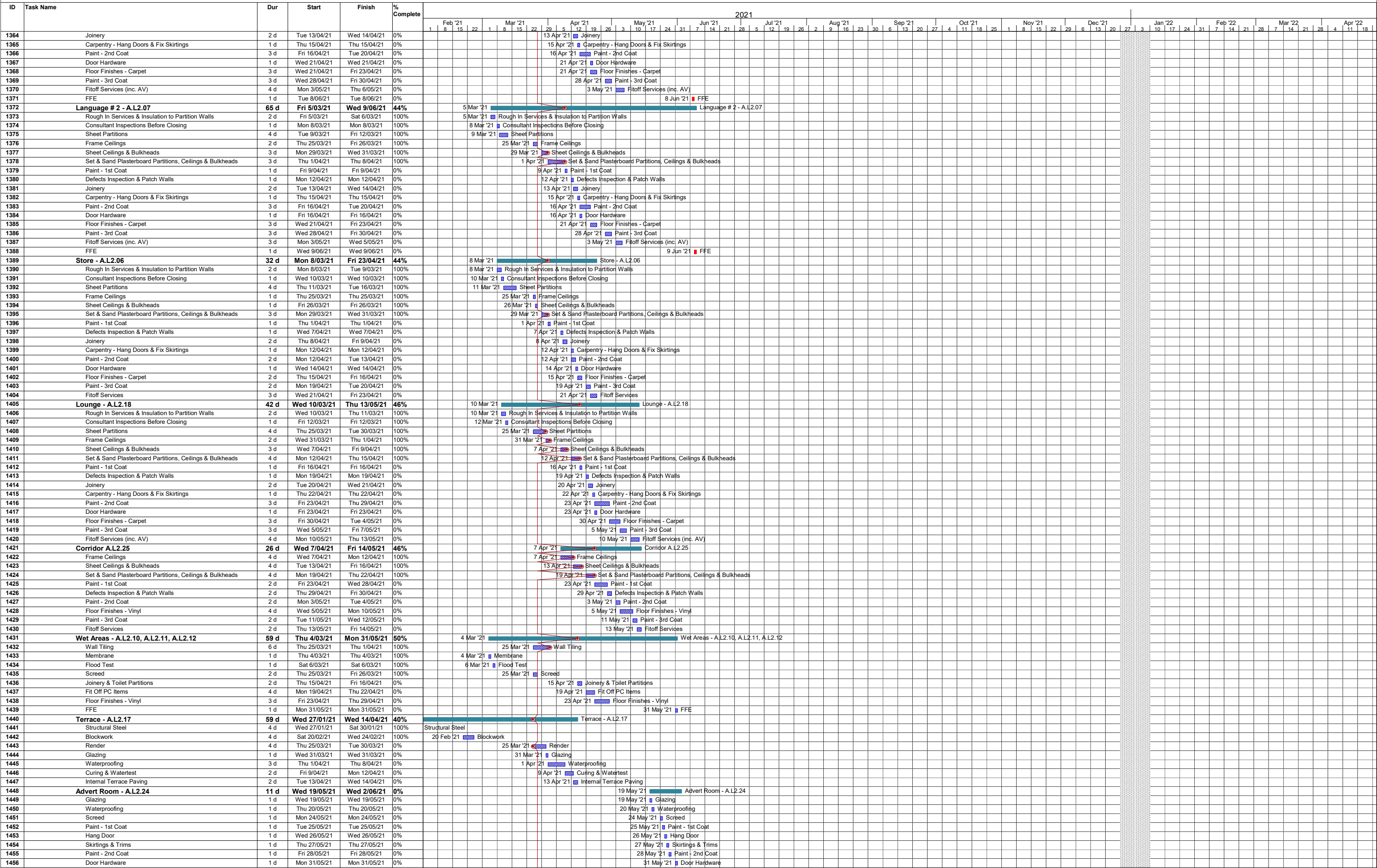


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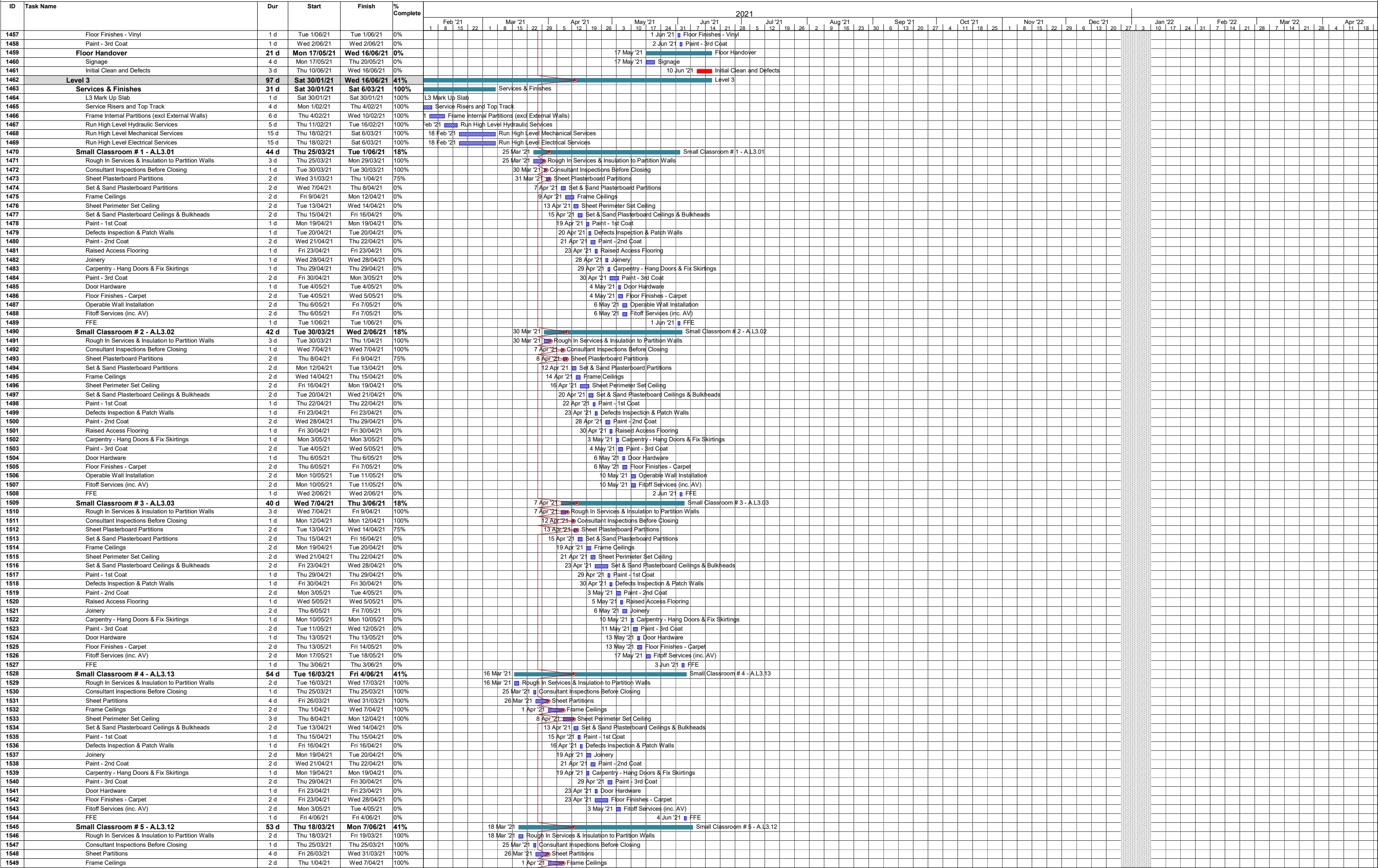
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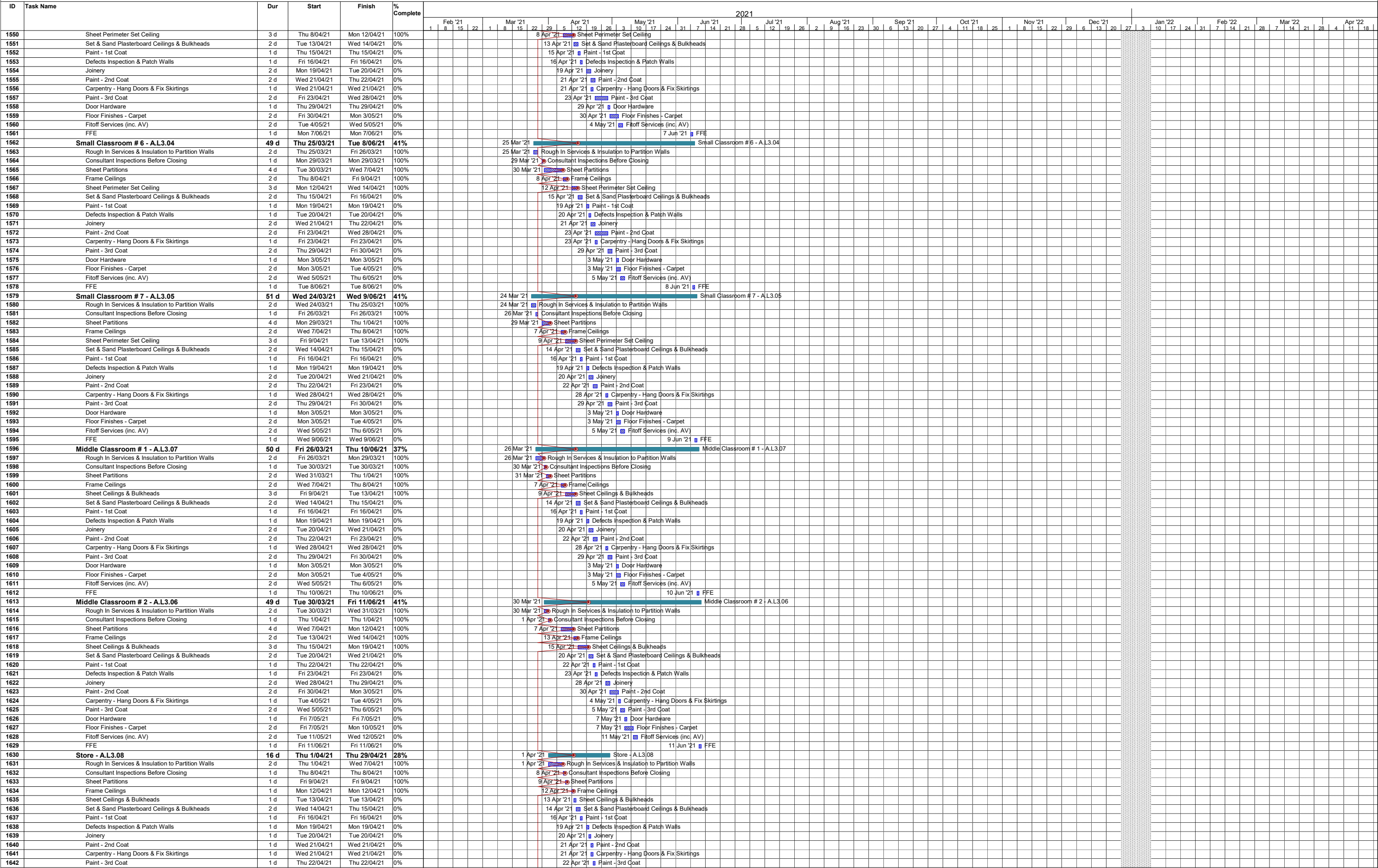
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Contract Programme



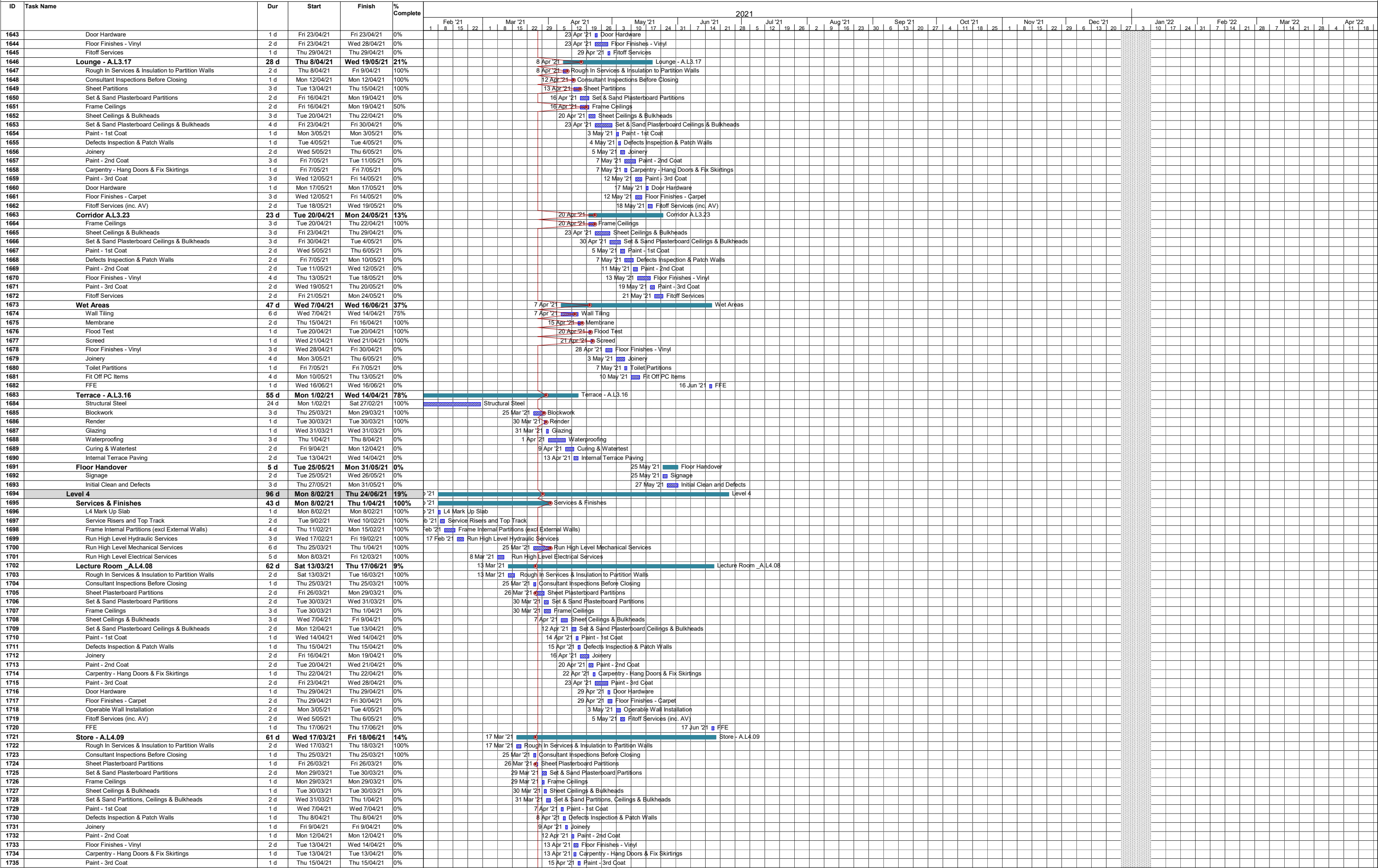
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Contract Programme



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Contract Programme



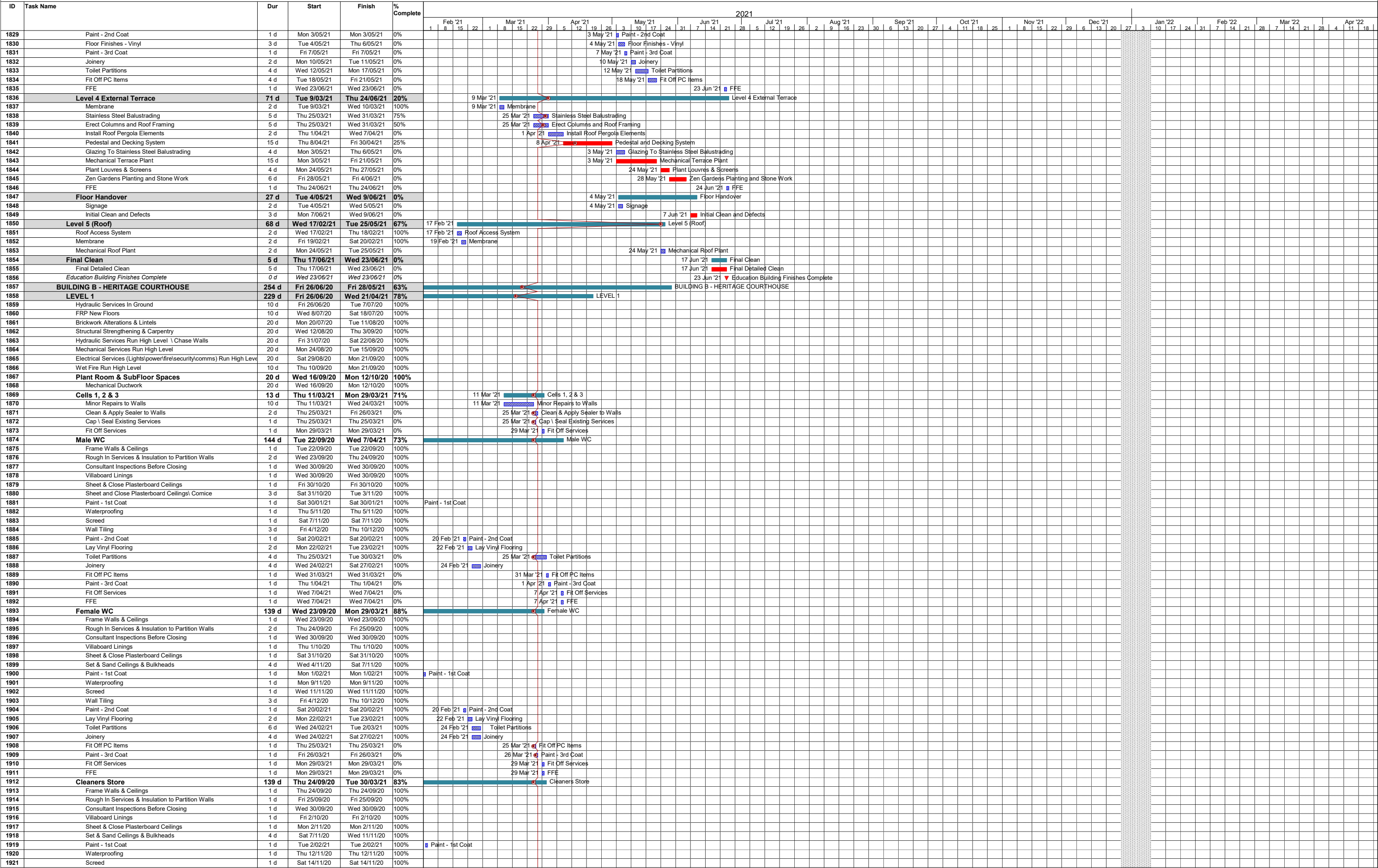
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Contract Programme



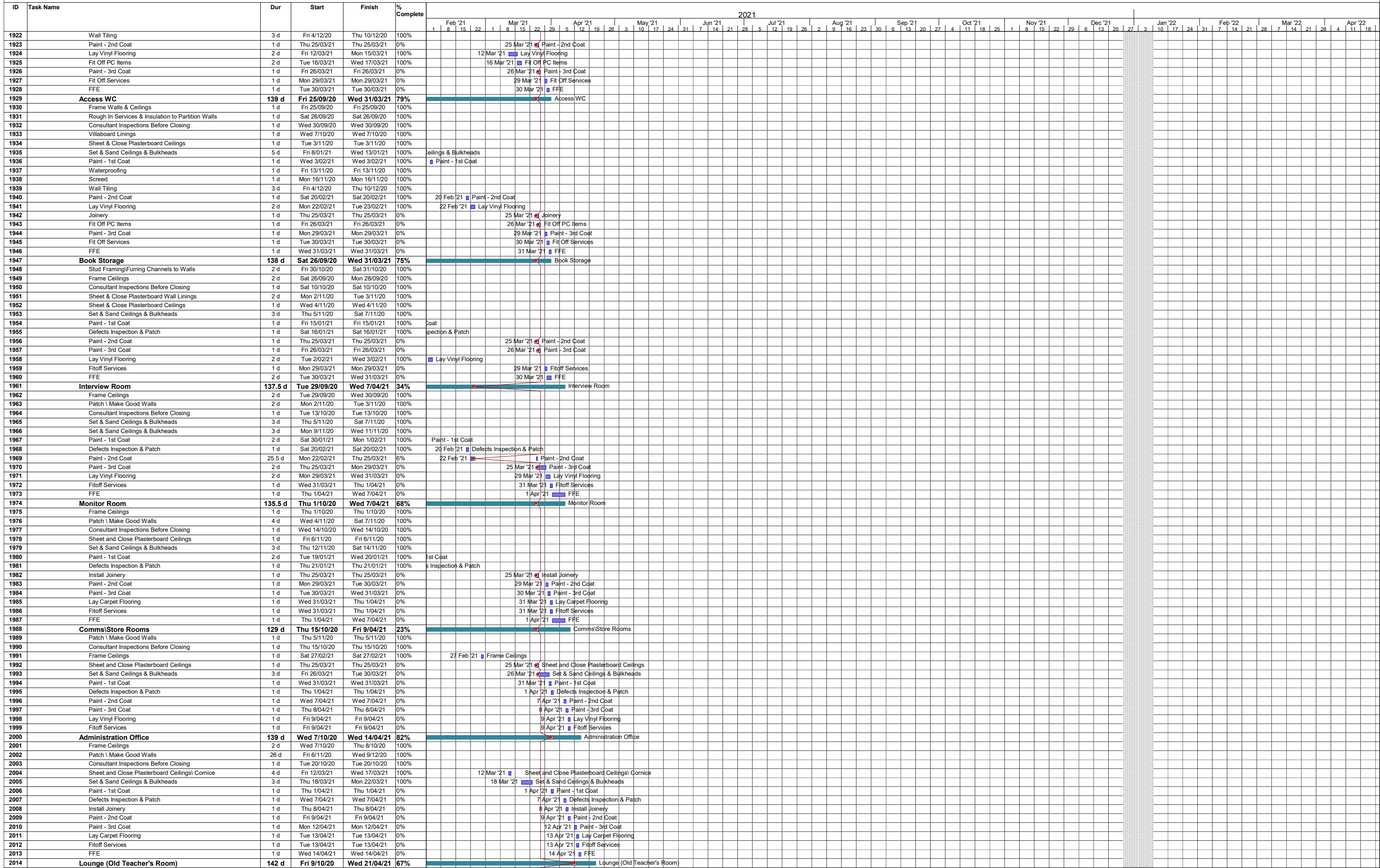
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Critical Task Non-critical

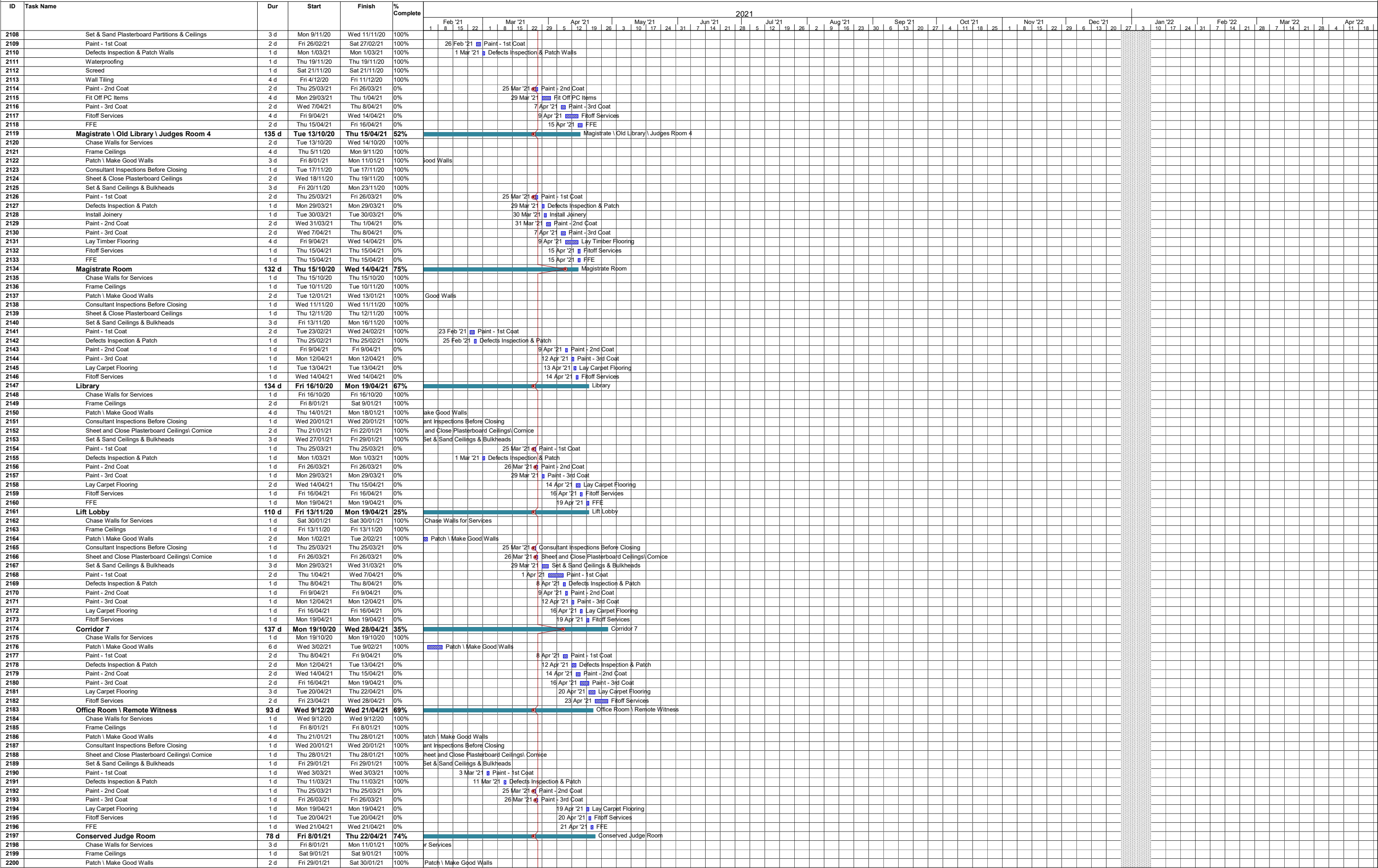
Milestone



Project Summary

Summary

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9 CHURCH STREET NEWCASTLE 2300
Contract Programme



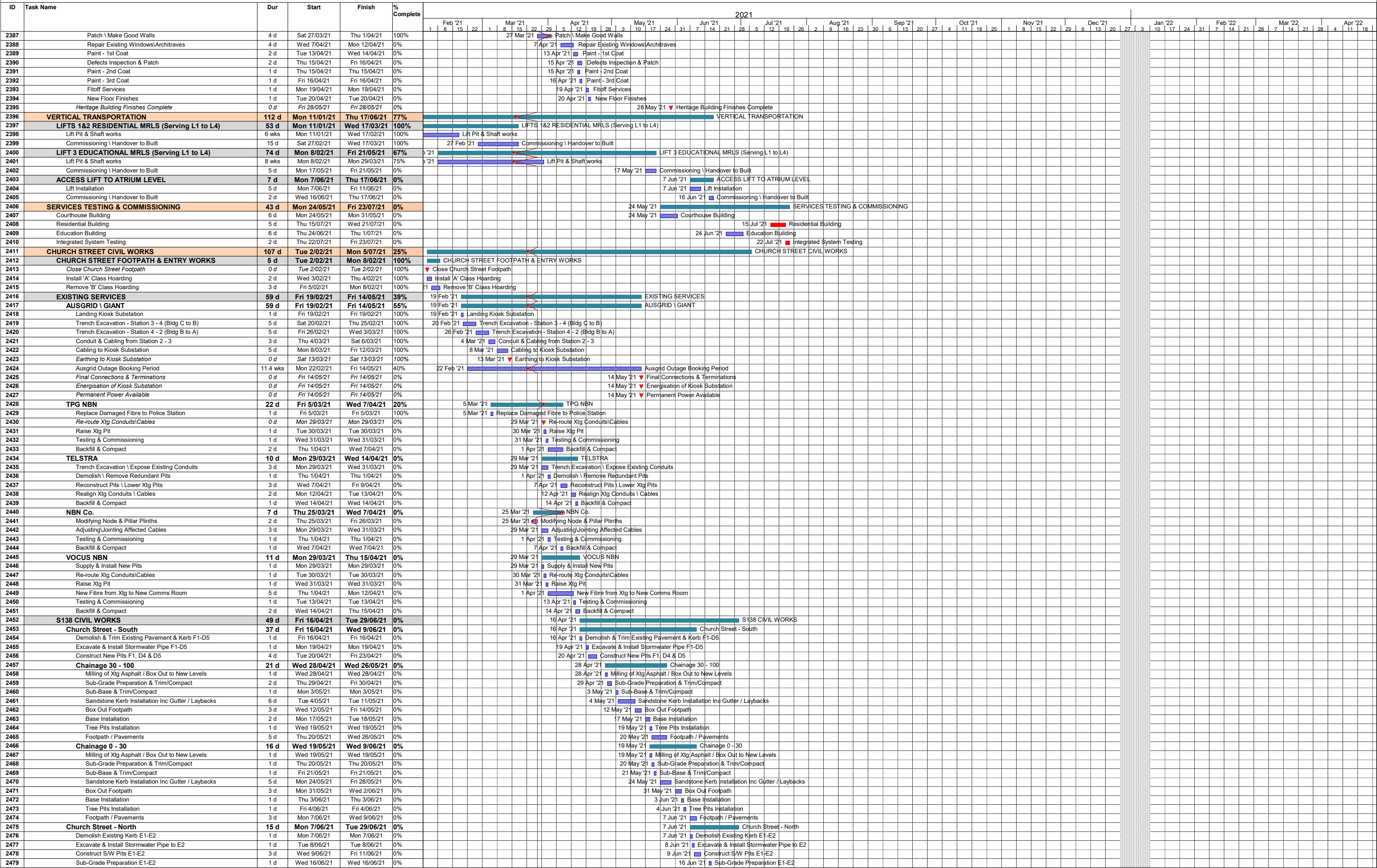
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Contract Programme



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Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete	2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						Feb '21			Mar '21			Apr '21			May '21			Jun '21			Jul '21			Aug '21			Sep '21			Oct '21			Nov '21			Dec '21			Jan '22			Feb '22			Mar '22			Apr '22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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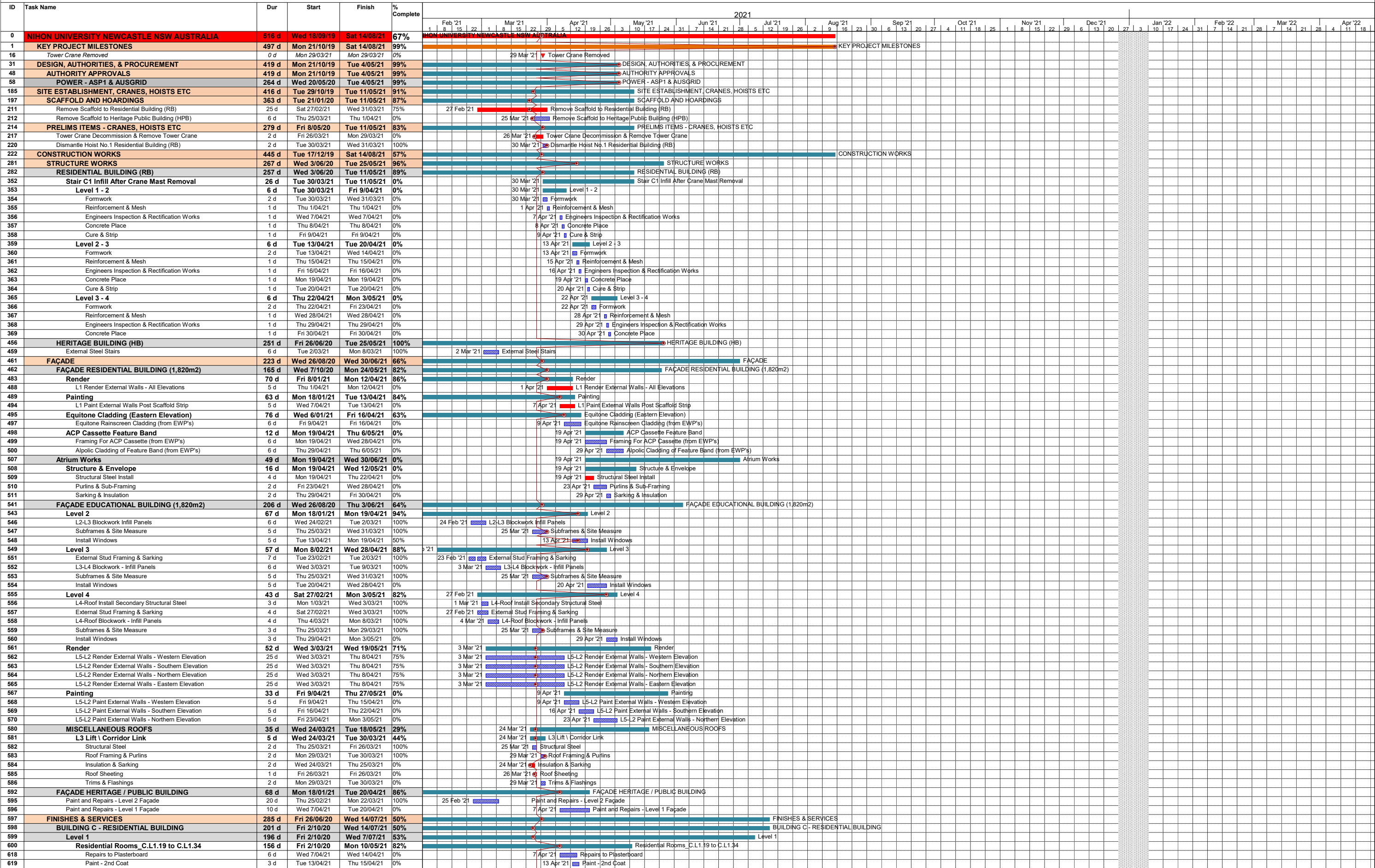
Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



	Critical Task Non-critical Milestone Project Summary Summary
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Appendix E – Four Week Programme

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Critical Task Non-critical

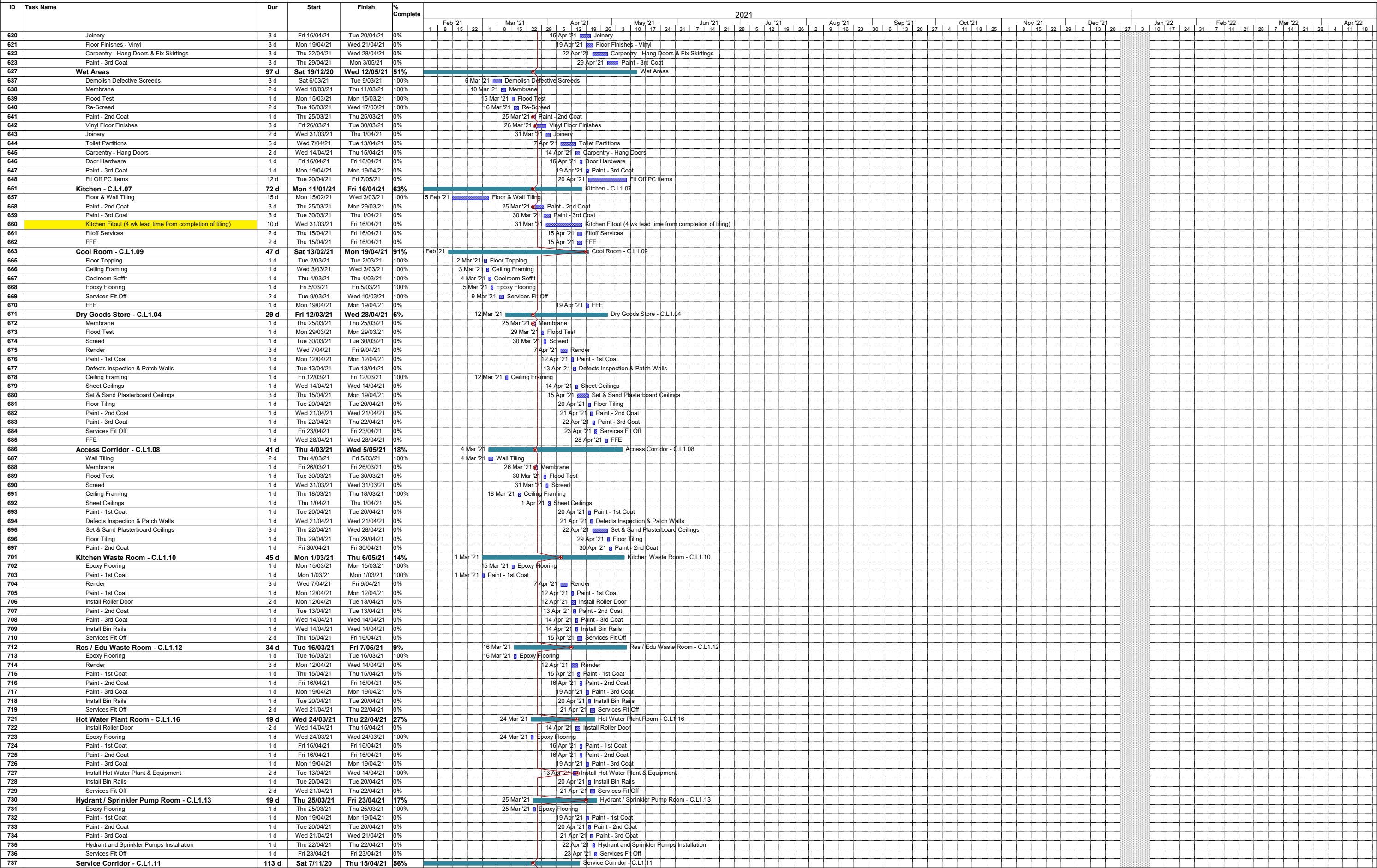
Milestone



Project Summary

Summary

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



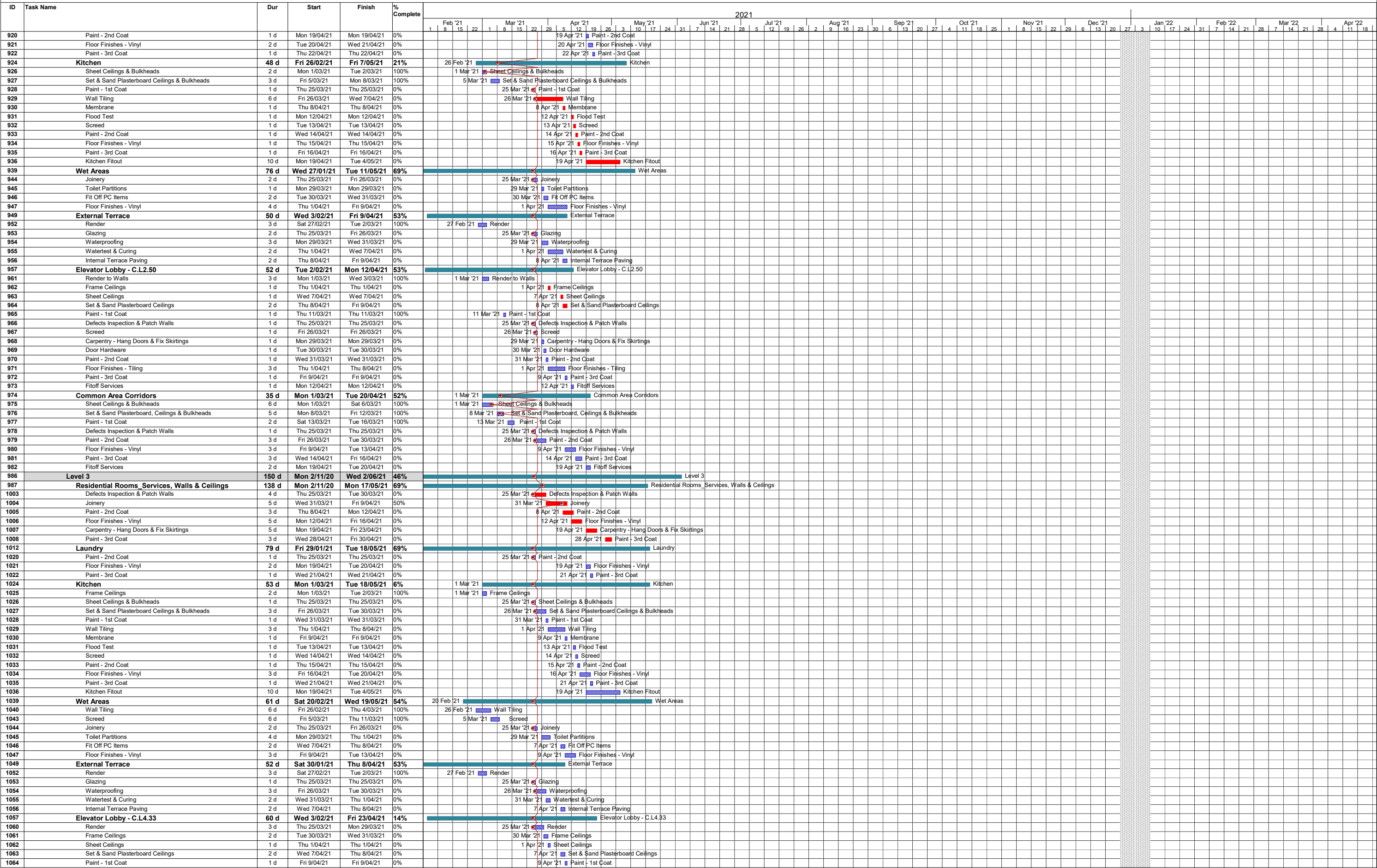
Critical Task Non-critical

Milestone

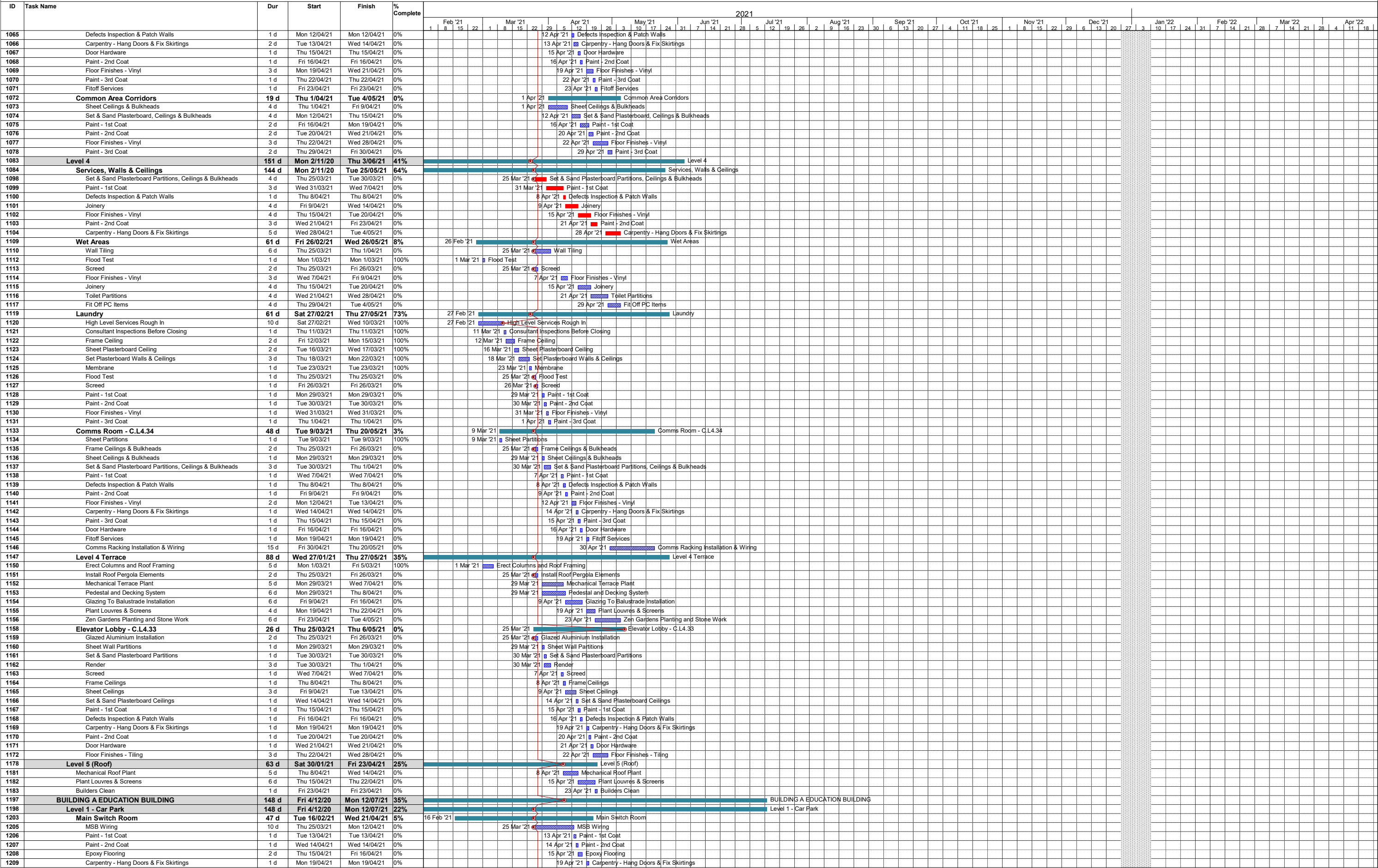
Project Summary

Summary

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Critical Task Non-critical

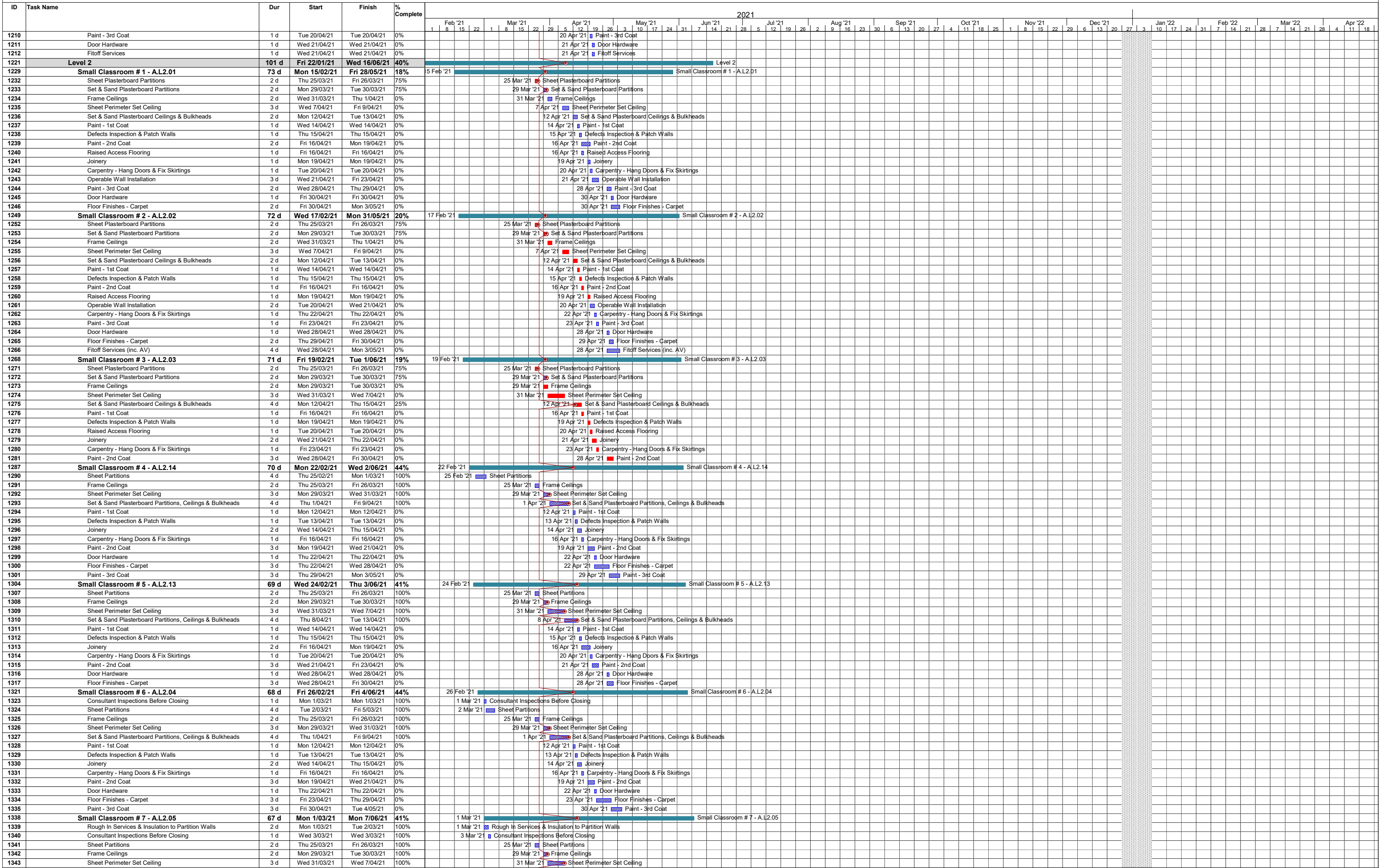
Milestone



Project Summary

Summary

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



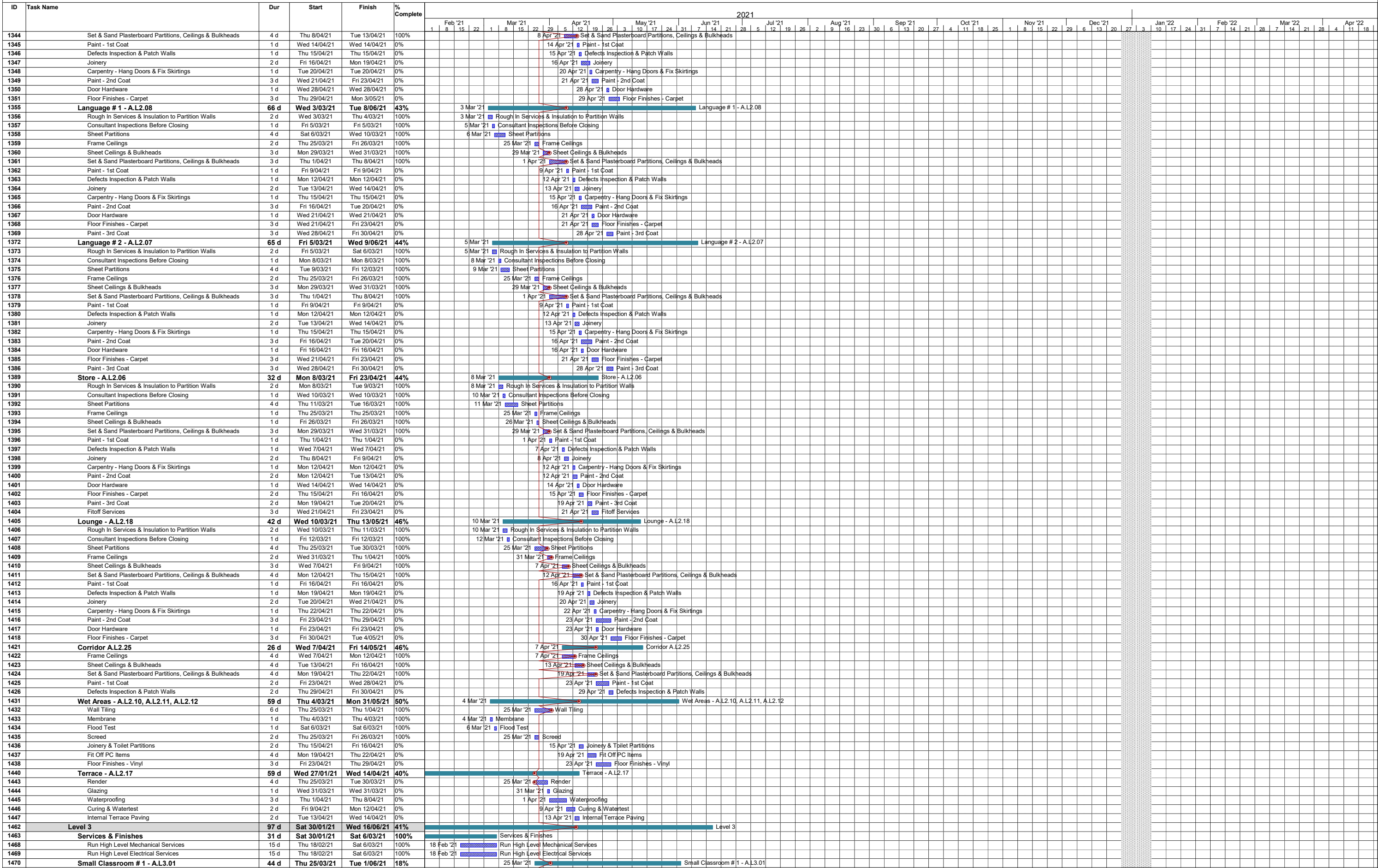
Critical Task Non-critical

Milestone

Project Summary

Summary

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Critical Task

Non-critical

Milestone



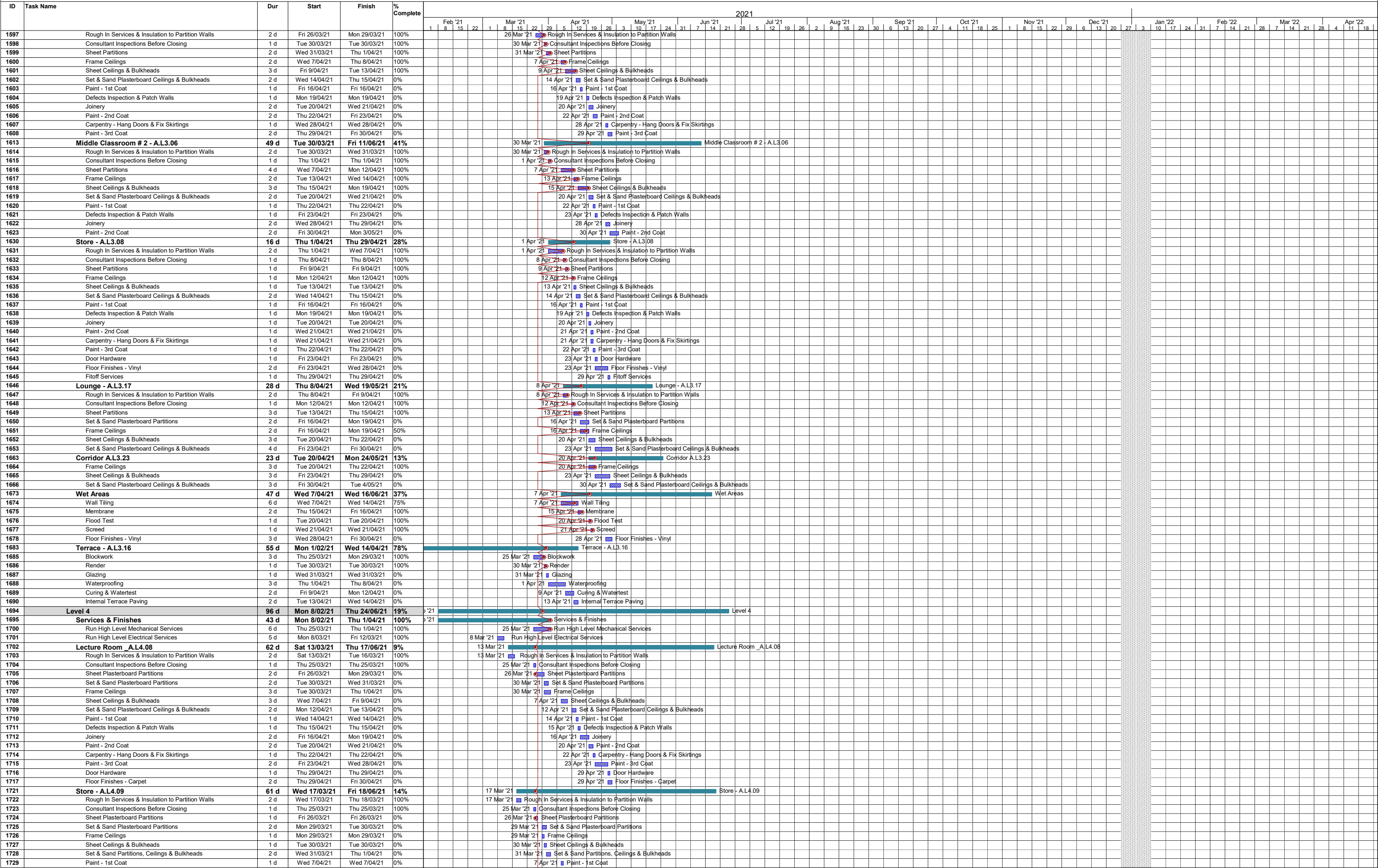
Project Summary

Summary

Built NIHON UNIVERSITY
9 CHURCH STREET NEWCASTLE 2300
Contract Programme

ID	Task Name	Dur	Start	Finish	% Complete	2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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1471	Rough In Services & Insulation to Partition Walls	3 d	Thu 25/03/21	Mon 29/03/21	100%	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

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9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Critical Task

Non-critical

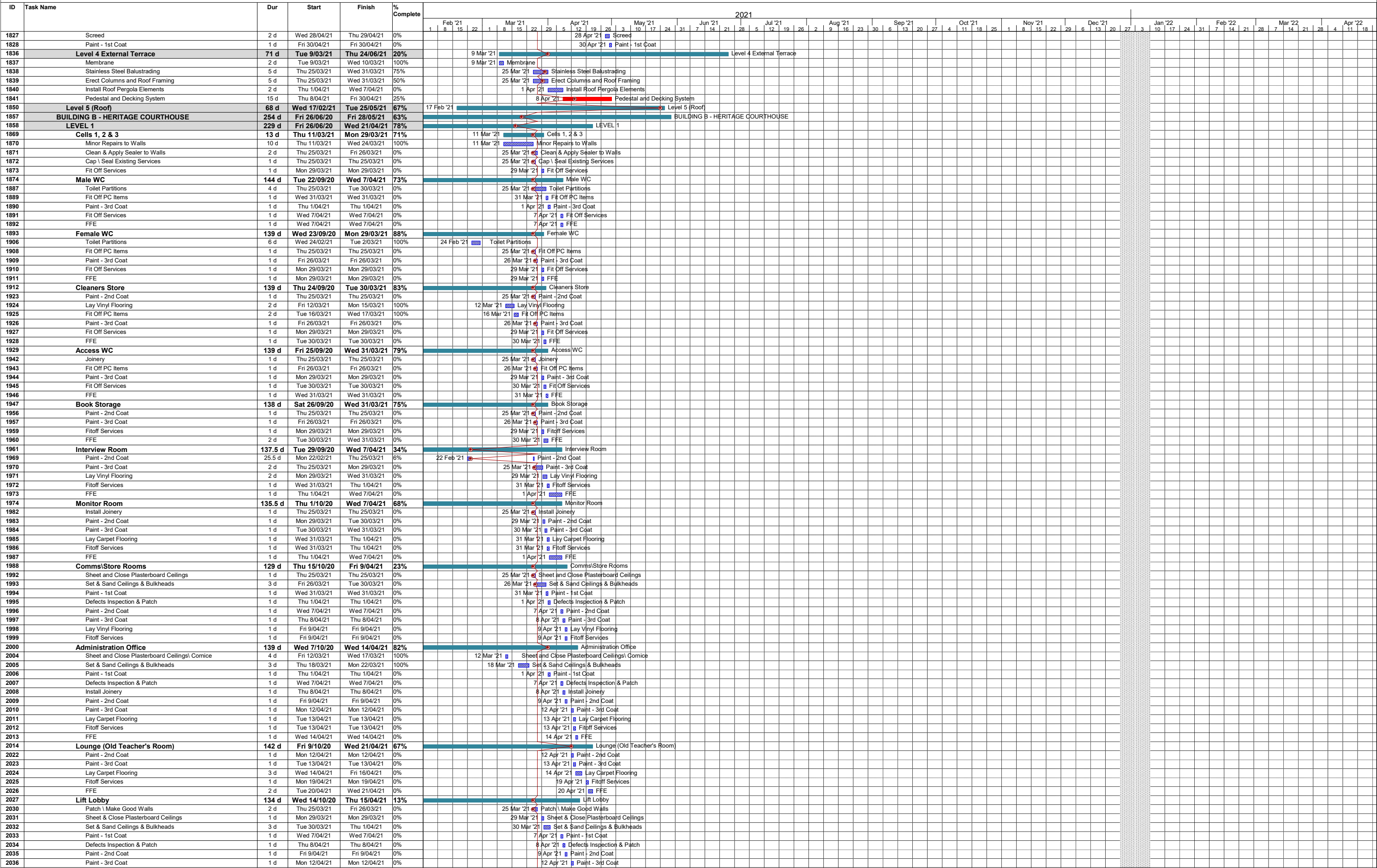
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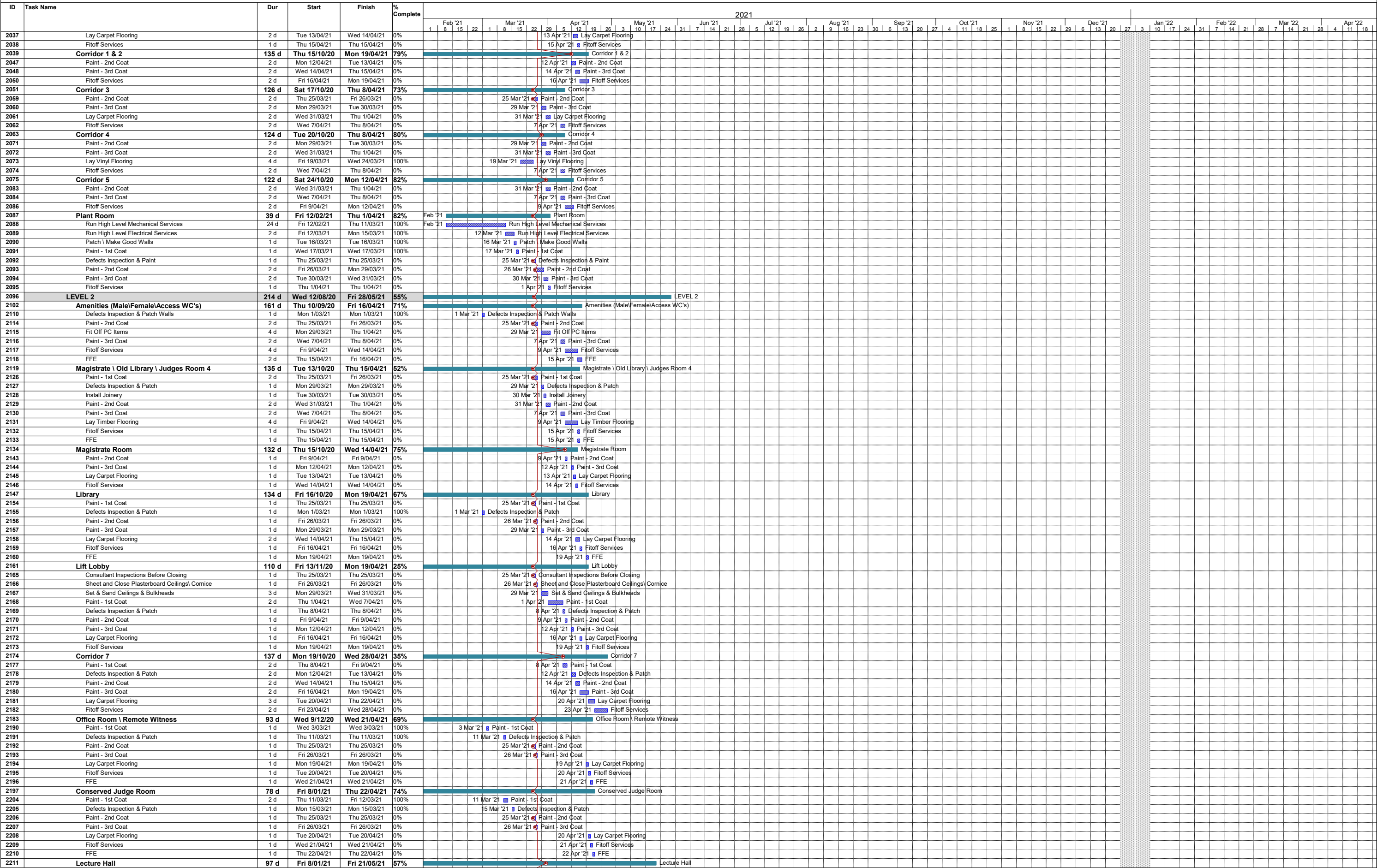
Project Summary

Summary

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9 CHURCH STREET NEWCASTLE 2300
Contract Programme



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9 CHURCH STREET NEWCASTLE 2300
Contract Programme



Critical Task

Non-critical

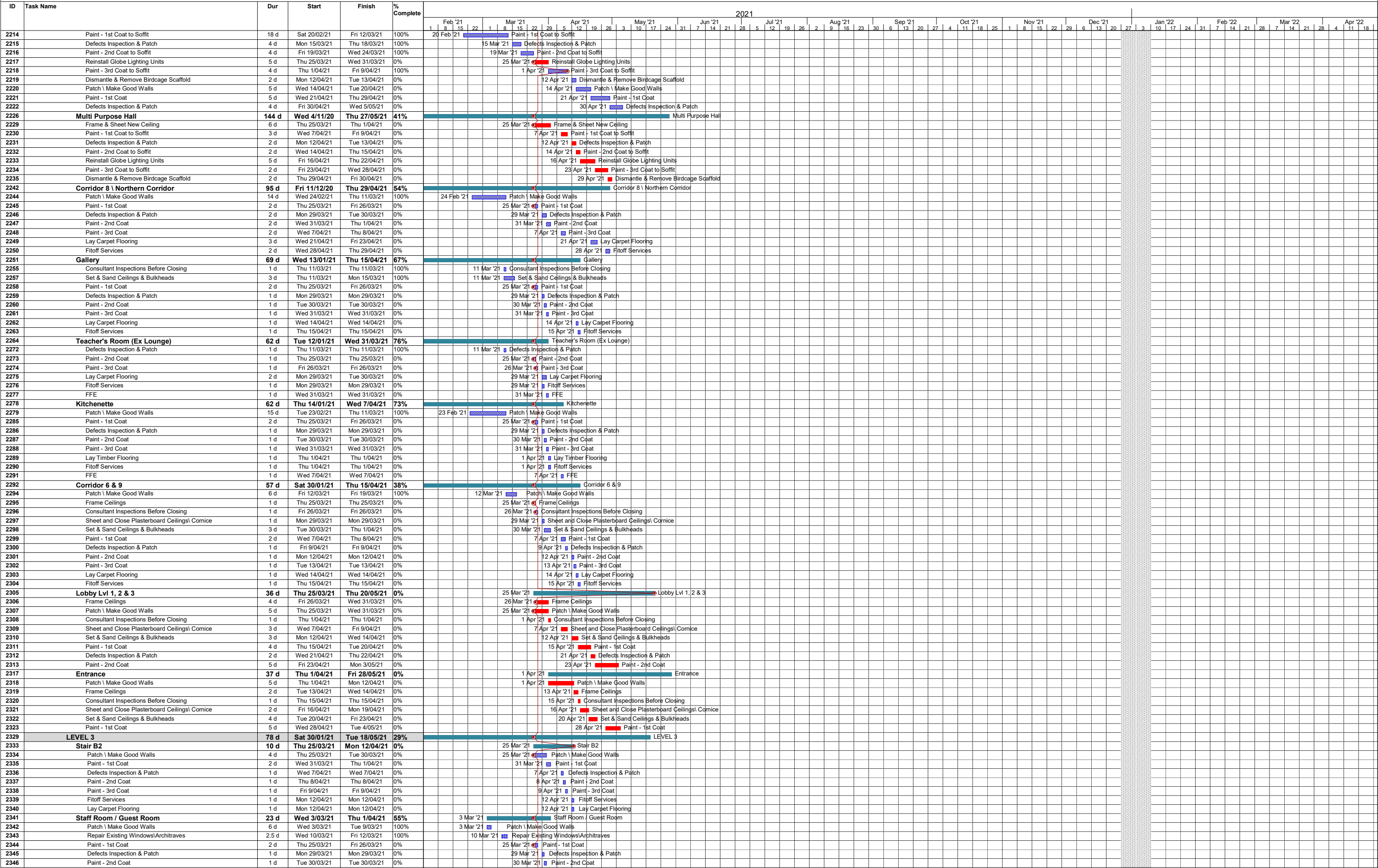
Milestone



Project Summary

Summary

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Contract Programme



Critical Task Non-critical

Milestone



Project Summary

Summary

Critical Task Non-critical Milestone Project Summary Summary

Appendix F – Monthly Progress Photos

Building A – Education

Level 1

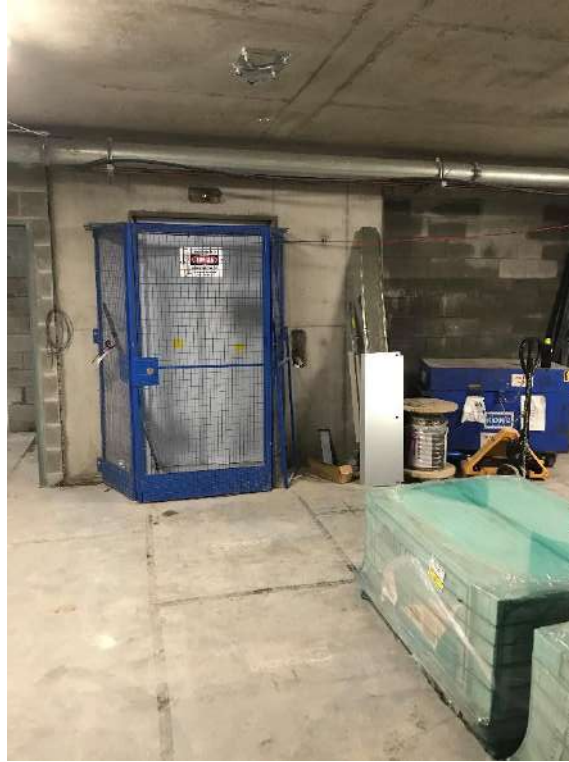


Photo 01: Lift car installation in progress



Photo 02

Photo

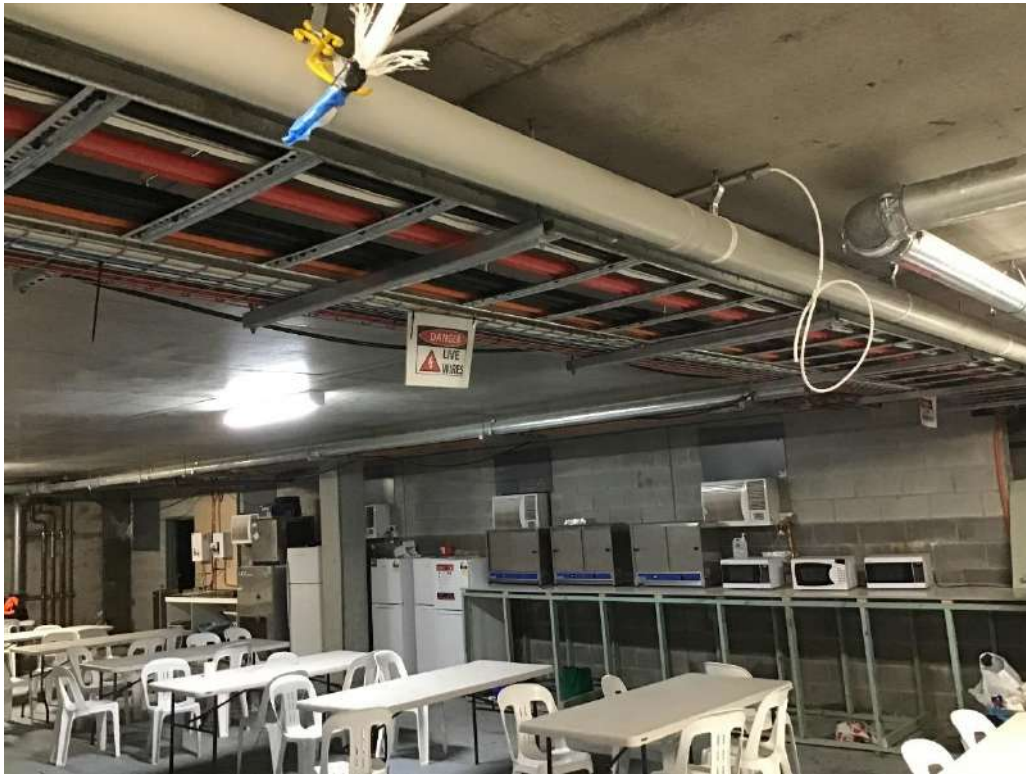


Photo 03: Install of services to Level 1 Carpark

Level 2



Photo 04



Photo 05



Photo 06



Photo 07



Photo 08



Photo 09



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16

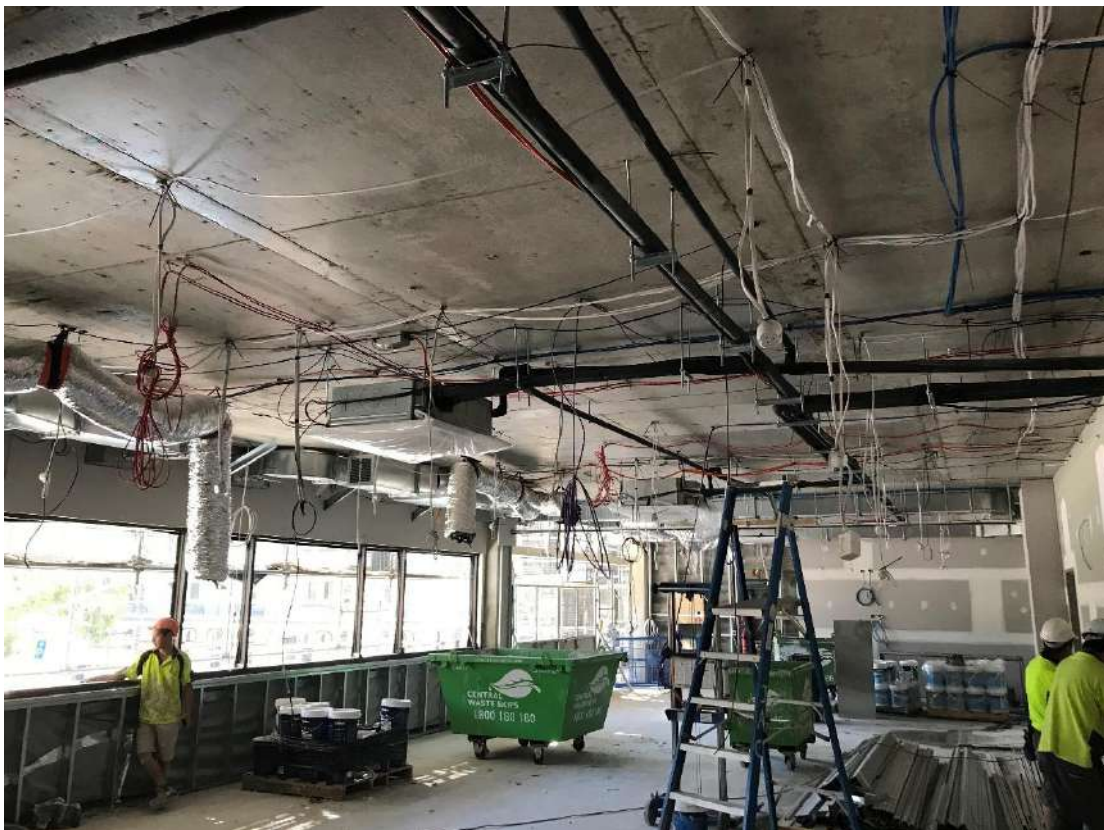


Photo 17



Photo 18

Level 3



Photo 19

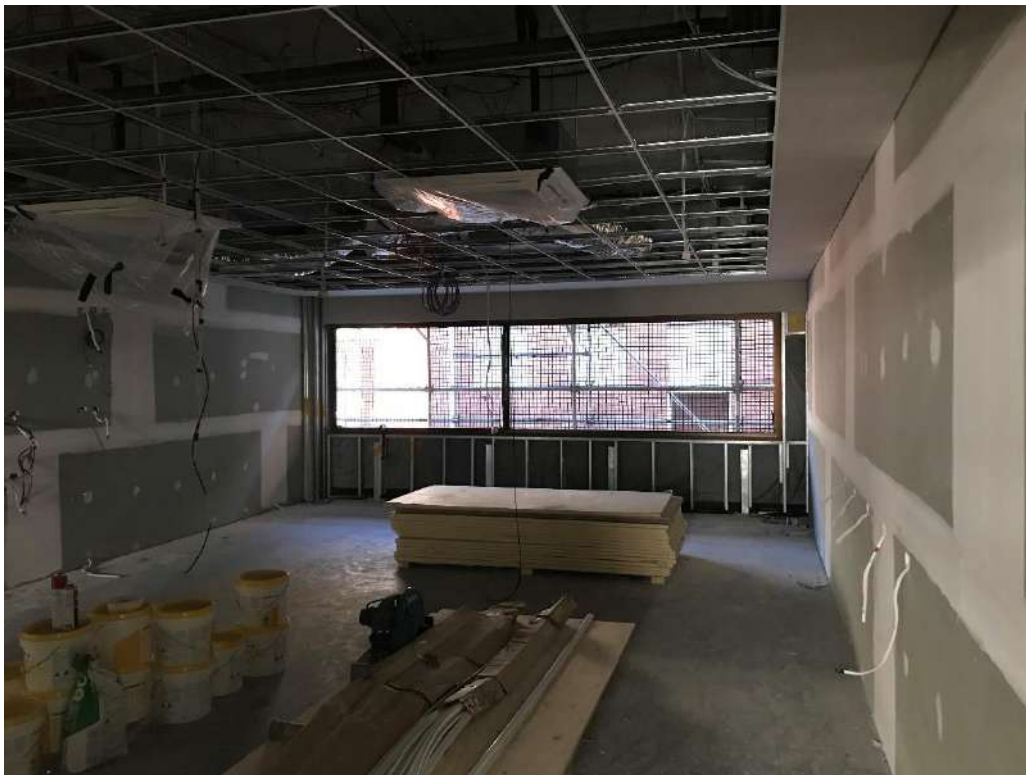


Photo 20



Photo 21

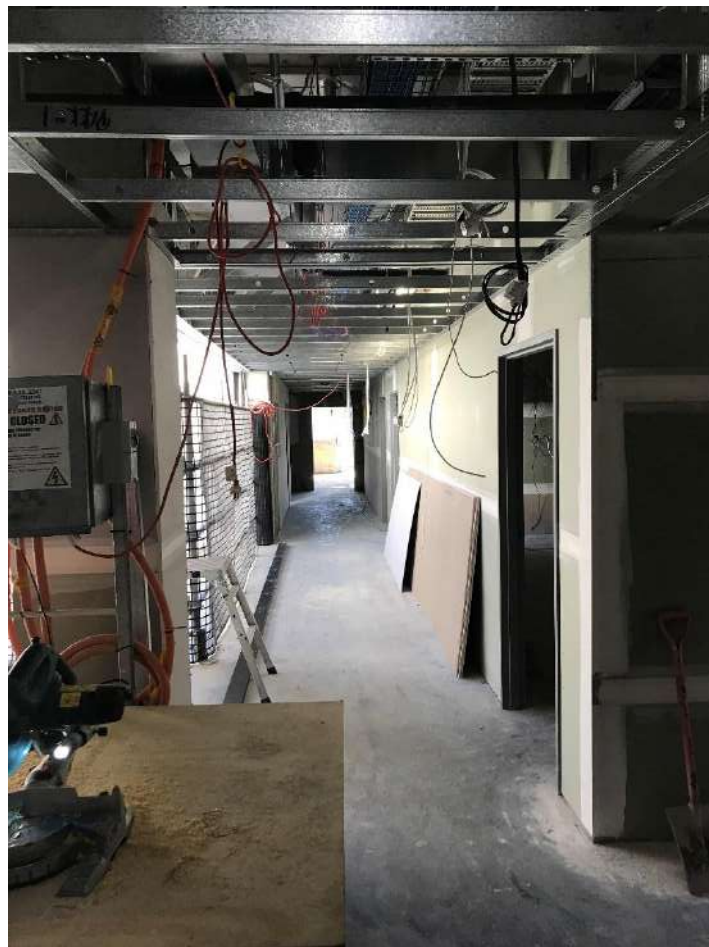


Photo 22



Photo 23



Photo 24



Photo 25



Photo 26



Photo 27



Photo 28



Photo 29



Photo 30



Photo 31

Level 4



Photo 32



Photo 33



Photo 34



Photo 35



Photo 36



Photo 37



Photo 38



Photo 39

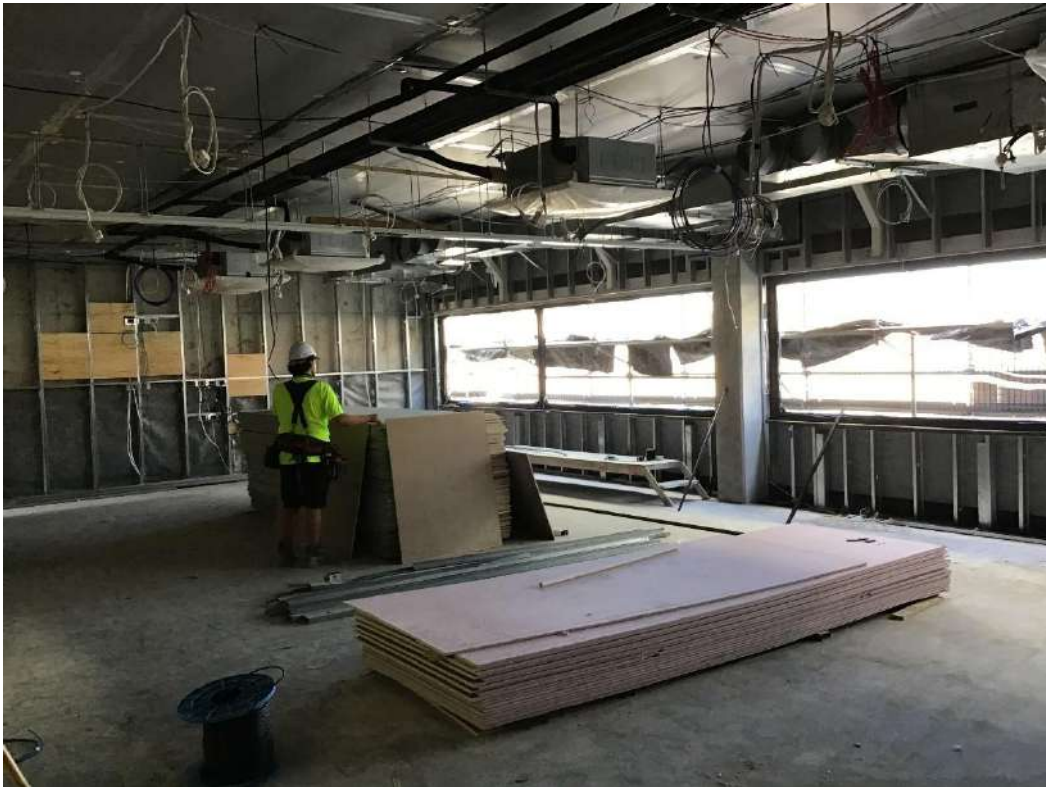


Photo 40



Photo 41



Photo 42



Photo 43

Level 5 / Façade



Photo 44



Photo 45



Photo 46

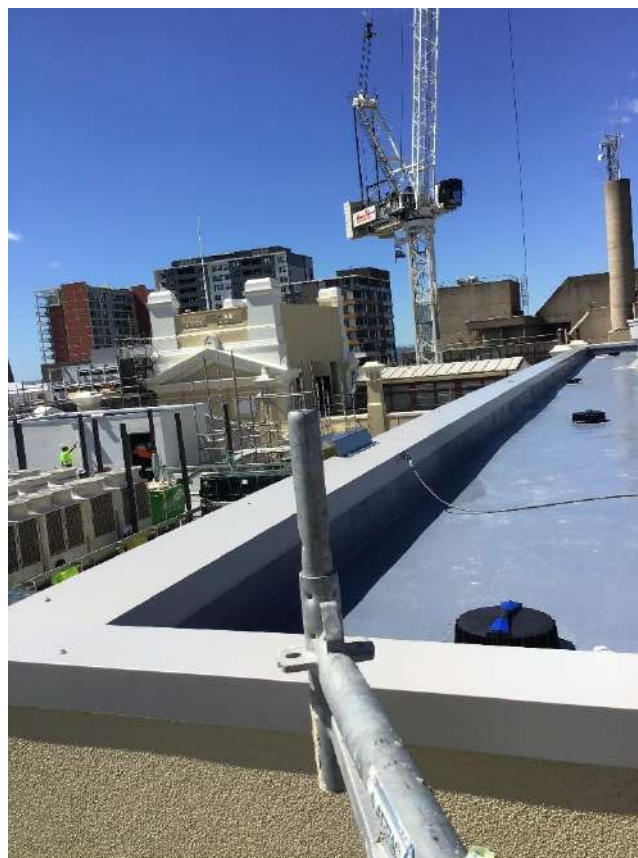


Photo 47



Photo 48

Building B – Heritage Courthouse

Level 1



Photo 49



Photo 50



Photo 51



Photo 52



Photo 53



Photo 54



Photo 55



Photo 56



Photo 57

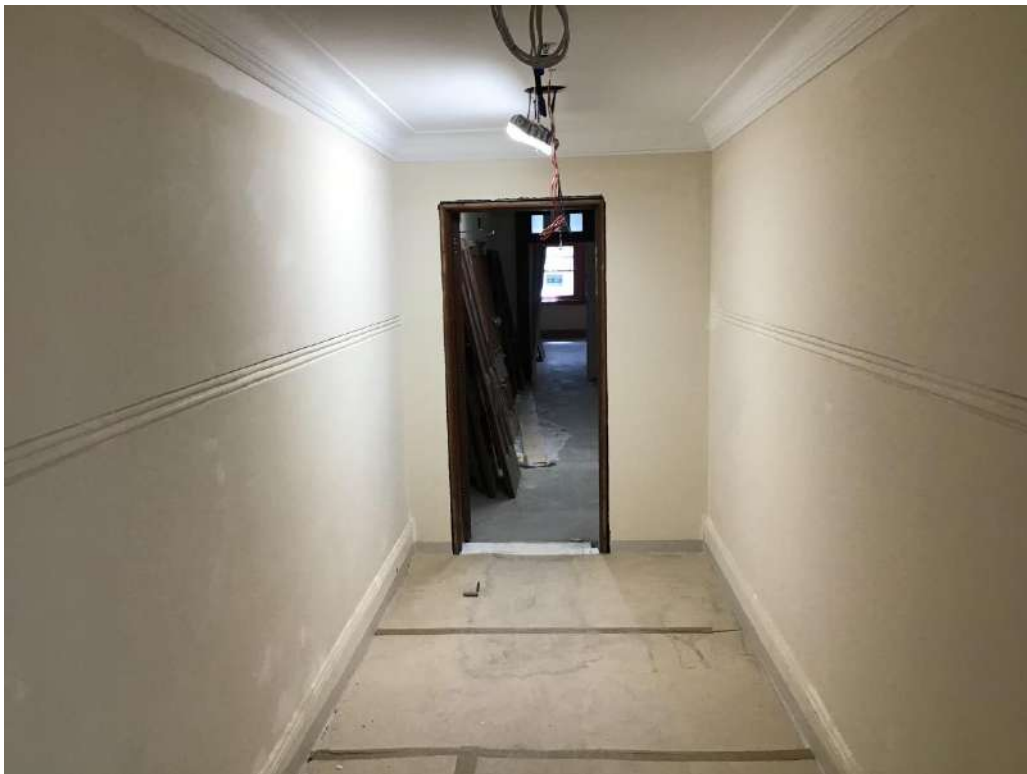


Photo 56



Photo 57



Photo 58



Photo 59



Photo 60

Level 2

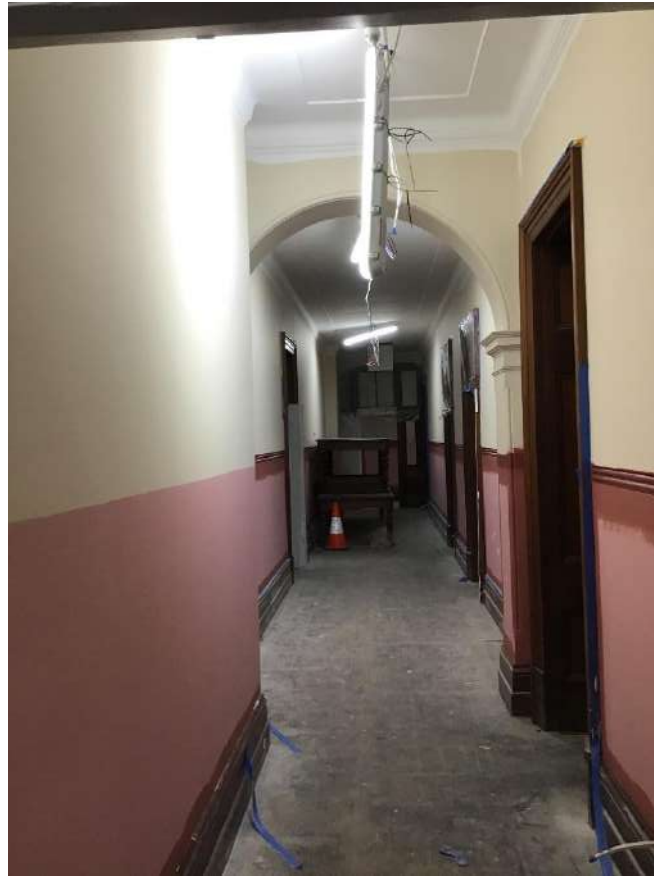


Photo 61



Photo 62



Photo 63

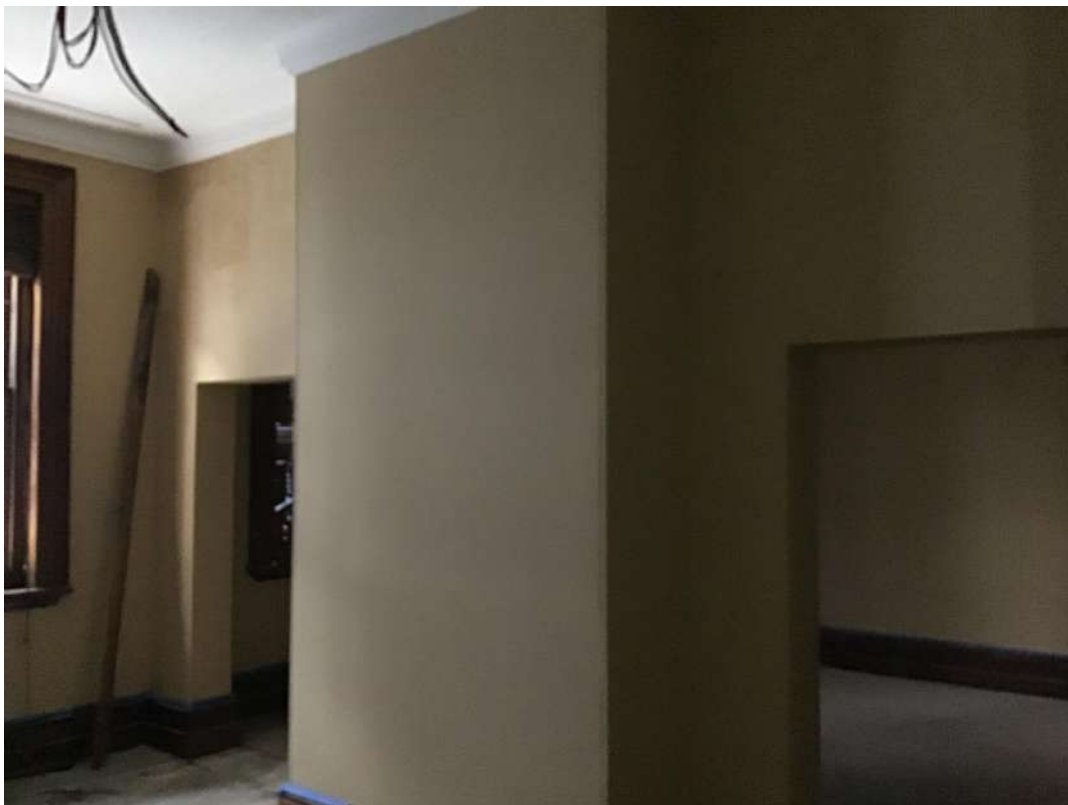


Photo 64



Photo 65



Photo 66



Photo 67



Photo 68



Photo 69



Photo 70



Photo 71



Photo 72



Photo 73

Level 3 / 4



Photo 74



Photo 75



Photo 76

Facade



Photo 77



Photo 78



Photo 79



Photo 80



Photo 81



Photo 82



Photo 83

Building C – Residential

Level 1



Photo 84



Photo 85



Photo 86

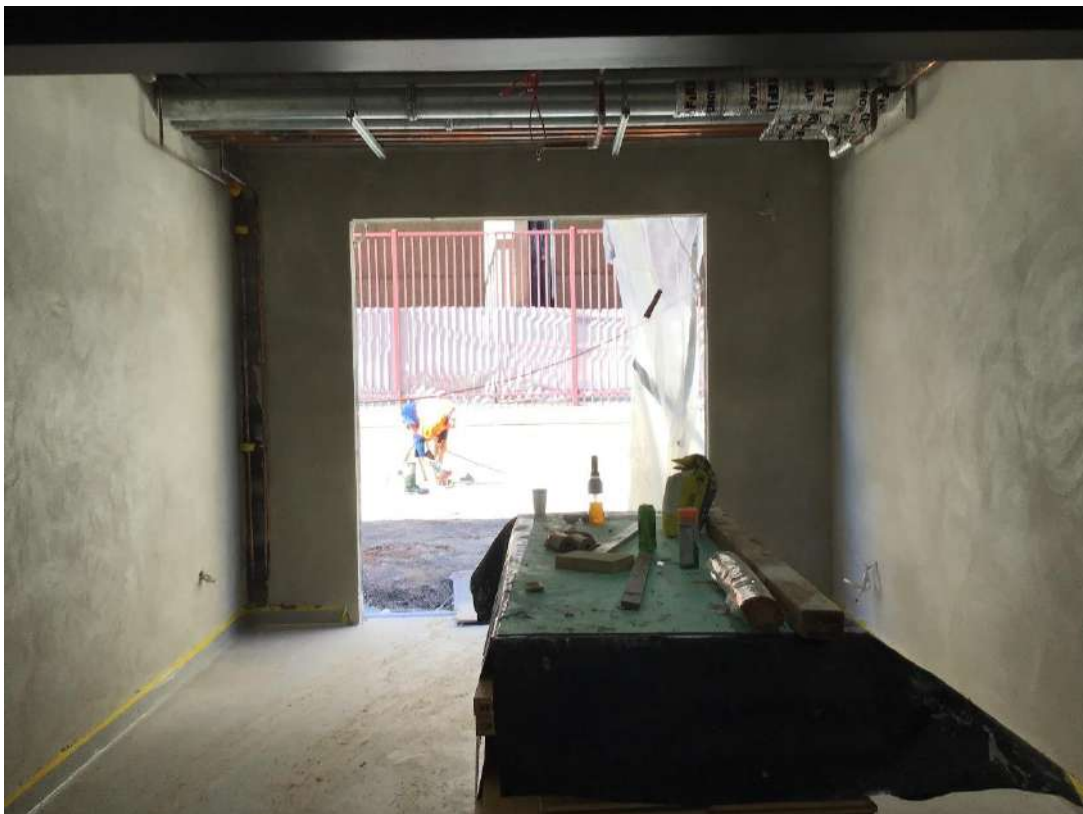


Photo 87



Photo 88



Photo 89



Photo 90



Photo 91



Photo 92



Photo 93



Photo 94



Photo 95



Photo 96

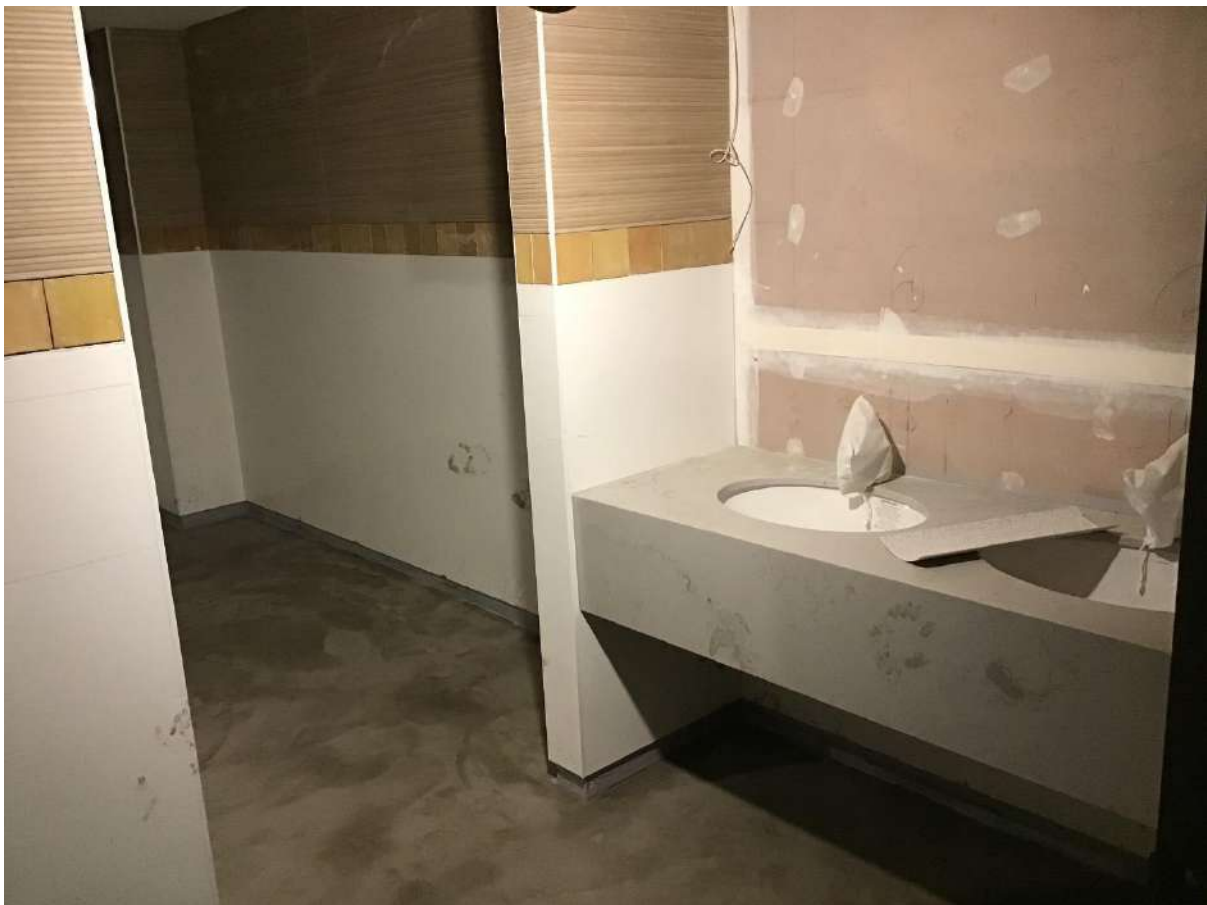


Photo 97



Photo 98



Photo 99

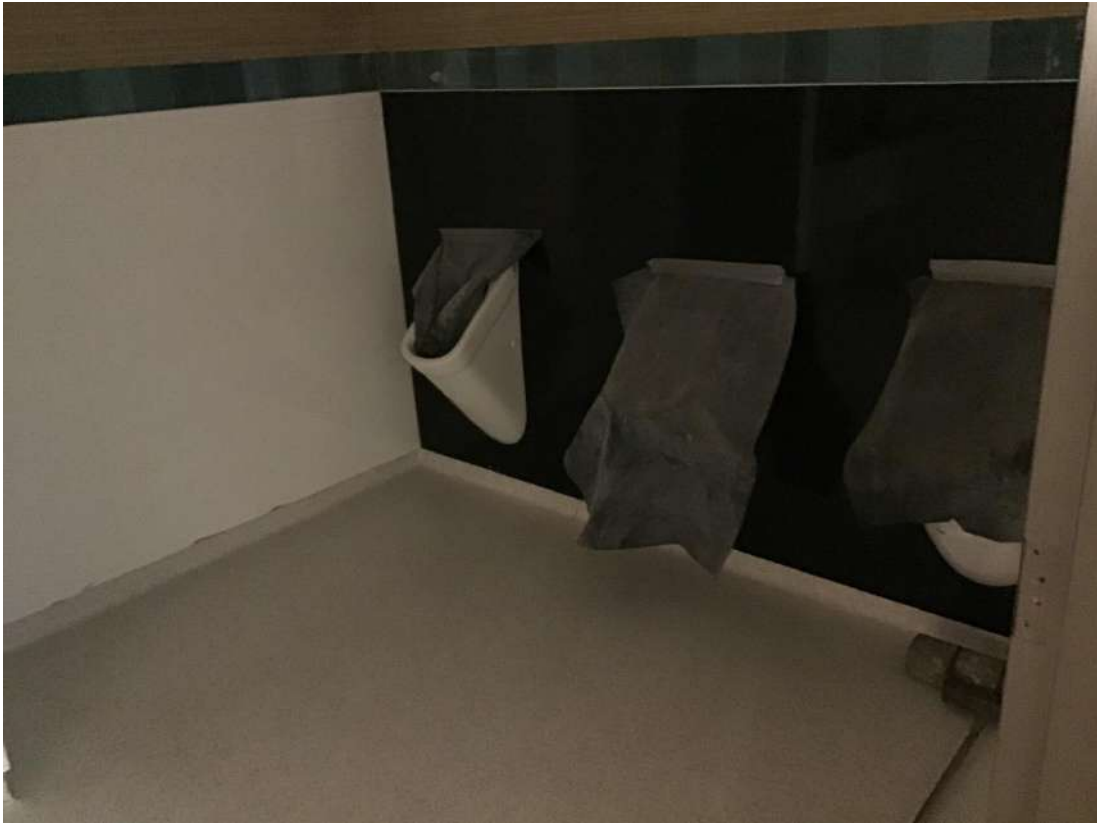


Photo 100



Photo 101



Photo 102



Photo 103



Photo 104



Photo 105

Level 2**Photo 106****Photo 107**



Photo 108



Photo 109



Photo 110



Photo 111

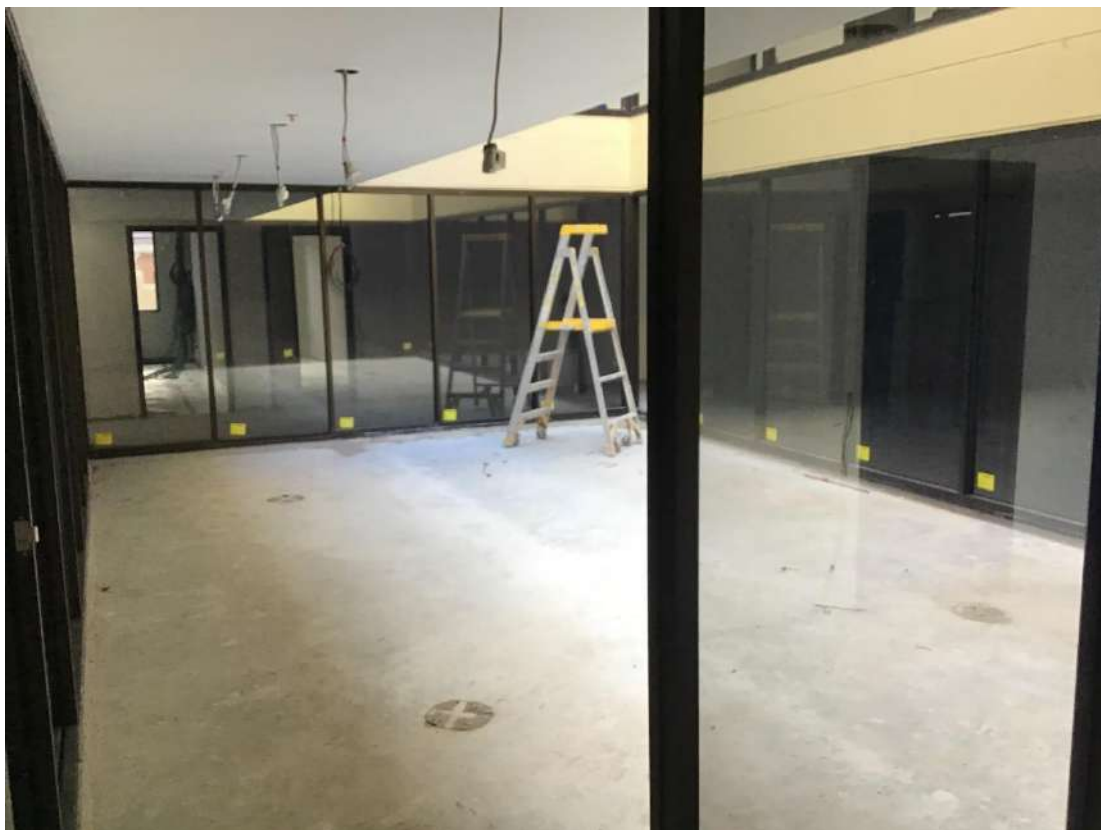


Photo 112



Photo 113



Photo 114



Photo 115



Photo 116



Photo 117



Photo 118



Photo 119

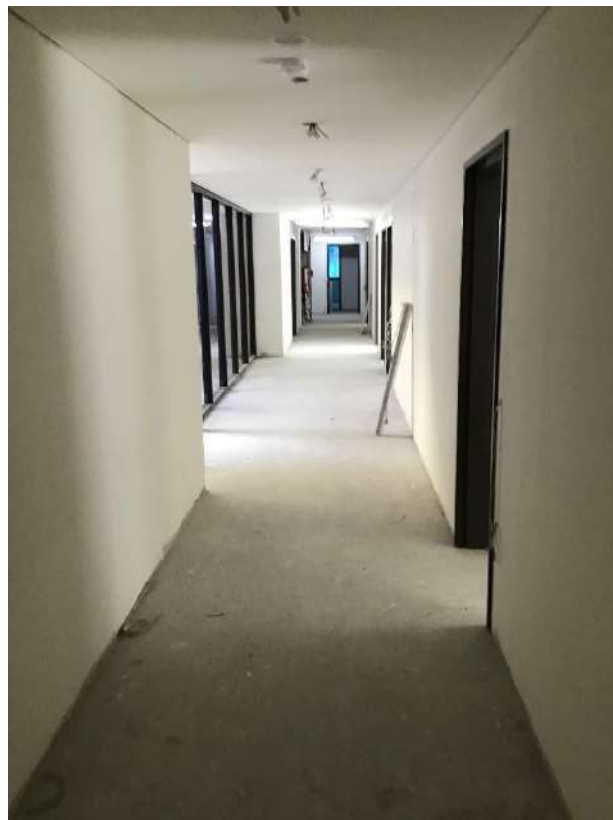


Photo 120

Level 3



Photo 121



Photo 122



Photo 123



Photo 124



Photo 125

Level 4



Photo 126



Photo 127



Photo 128



Photo 129



Photo 130



Photo 131



Photo 132



Photo 133



Photo 134



Photo 135

Facade



Photo 136



Photo 137



Photo 138



Photo 139



Photo 140

External & Overview



Photo 141: Tower crane dismantle



Photo 142



Photo

Appendix G – Workflow Status

Workflow status

Project Name: Nihon University

Date Generated: Mar 26, 2021

On Time		Overdue	
	No. of Workflows		No. of Workflows
Completed	45	Completed	60
Total	45	In Progress	2
		Total	62

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000002	Workflow Test	Completed	May 26, 2020	May 28, 2020	Jun 3, 2020	4
WF-000003	Test Consultant Workflow	Completed	May 28, 2020	May 28, 2020	Jun 1, 2020	2
WF-000004	Hydraulic Services Shop Drawings	Completed	Jun 4, 2020	Jun 23, 2020	Jun 10, 2020	-9
WF-000005	Hydraulic Services Shop Drawings	Completed	Jun 10, 2020	Jun 23, 2020	Jun 19, 2020	-2
WF-000006	Formwork Shop Drawing Workflow	Completed	Jun 16, 2020	Jul 1, 2020	Jun 26, 2020	-3
WF-000007	Lift Shop Drawing Workflow 02	Completed	Jun 18, 2020	Jun 29, 2020	Jun 30, 2020	1
WF-000008	Formwork Shop Drawing Workflow 02	Completed	Jun 18, 2020	Jun 19, 2020	Jun 30, 2020	7
WF-000009	Formwork Shop Drawing Workflow - Concrete Profile	Completed	Jun 26, 2020	Jun 29, 2020	Jul 8, 2020	7
WF-000010	Formwork Shop Drawing Workflow	Completed	Jun 29, 2020	Jul 2, 2020	Jul 9, 2020	5
WF-000011	Formwork Shop Drawing Workflow	Completed	Jun 29, 2020	Jul 1, 2020	Jul 9, 2020	6

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000012	Platform Lift Shop Drawing	Completed	Jul 1, 2020	Jul 21, 2020	Jul 13, 2020	-6
WF-000013	Formwork Shop Drawings - Building C	Completed	Jul 2, 2020	Jul 17, 2020	Jul 14, 2020	-3
WF-000014	Formwork Shop Drawings - Building A	Completed	Jul 8, 2020	Jul 20, 2020	Jul 20, 2020	0
WF-000015	Formwork Shop Drawings - Building A	Completed	Jul 8, 2020	Jul 10, 2020	Jul 20, 2020	6
WF-000016	Post Tension Shop Drawings - Building C	Completed	Jul 8, 2020	Jul 29, 2020	Jul 20, 2020	-7
WF-000017	Formwork Shop Drawings - Building A	Completed	Jul 10, 2020	Jul 20, 2020	Jul 22, 2020	2
WF-000018	Formwork Shop Drawings - Building C	Completed	Jul 10, 2020	Jul 22, 2020	Jul 22, 2020	0
WF-000019	Lift Shop Drawing - Building A	Completed	Jul 10, 2020	Jul 14, 2020	Jul 22, 2020	6
WF-000020	Lift Shop Drawing - Building C	Completed	Jul 10, 2020	Jul 23, 2020	Jul 22, 2020	-1
WF-000021	General Formwork Shop Drawings	Completed	Jul 17, 2020	Jul 29, 2020	Jul 29, 2020	0
WF-000022	Platform Lift Shop Drawing	Completed	Jul 21, 2020	Aug 4, 2020	Jul 31, 2020	-2
WF-000023	Formwork Shop Drawings - Building A - Level 2 Concrete Profile Queries	Completed	Jul 21, 2020	Aug 4, 2020	Jul 31, 2020	-2
WF-000024	Formwork Shop Drawings - Building C - Stair C1 (L2 to Roof)	Completed	Jul 23, 2020	Aug 4, 2020	Aug 4, 2020	0
WF-000025	Formwork Shop Drawings - Building C - Stair C1 (L1 to L2)	Completed	Jul 23, 2020	Aug 4, 2020	Aug 4, 2020	0
WF-000026	Formwork Shop Drawings - Building C - Stair C2 (L1 to L2)	Completed	Jul 24, 2020	Aug 4, 2020	Aug 5, 2020	1
WF-000027	Formwork Shop Drawings - Building C - Stair C2 (L2 to Roof)	Completed	Jul 24, 2020	Aug 7, 2020	Aug 5, 2020	-2
WF-000028	Formwork Shop Drawings - Building A - Stair A2 (L1 to Roof)	Completed	Jul 24, 2020	Aug 7, 2020	Aug 5, 2020	-2
WF-000030	Post Tension - Building C - Level 3	Completed	Jul 27, 2020	Aug 13, 2020	Aug 6, 2020	-5

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000032	Formwork Shop Drawings - Building C - L2 & L3 Concrete Profile and Table Layout	Completed	Jul 27, 2020	Aug 10, 2020	Aug 6, 2020	-2
WF-000033	Formwork Shop Drawings [2] - Building A - Level 2 Table Layout	Completed	Jul 27, 2020	Aug 12, 2020	Aug 6, 2020	-4
WF-000034	Formwork Shop Drawings - Building A - Shear Walls (SW1, SW2, SW3)	Completed	Jul 28, 2020	Aug 12, 2020	Aug 7, 2020	-3
WF-000035	Siphonic Shop Drawings	Completed	Jul 30, 2020	Aug 13, 2020	Aug 11, 2020	-2
WF-000036	Lift Shop Drawing - Building A - Lift E1	Completed	Aug 3, 2020	Aug 12, 2020	Aug 13, 2020	1
WF-000037	Hydraulic Shop Drawings - TMV Locations	Completed	Aug 3, 2020	Aug 13, 2020	Aug 13, 2020	0
WF-000038	Platform Lift Shop Drawing - Revision 5	Completed	Aug 4, 2020	Aug 17, 2020	Aug 14, 2020	-1
WF-000039	Electrical Shop Drawings - Building A - Main Switchboard	Completed	Aug 4, 2020	Aug 17, 2020	Aug 14, 2020	-1
WF-000041	Formwork Shop Drawings [2] - Building A	Completed	Aug 6, 2020	Aug 18, 2020	Aug 18, 2020	0
WF-000042	Formwork Shop Drawings - Building C	Completed	Aug 6, 2020	Aug 10, 2020	Aug 18, 2020	6
WF-000043	Fire Sprinkler Shop Drawings	Completed	Aug 6, 2020	Aug 19, 2020	Aug 18, 2020	-1
WF-000044	Post Tension - Building C Level 2 - AFC Review	Completed	Aug 10, 2020	Aug 13, 2020	Aug 17, 2020	2
WF-000046	Post Tension - Building A - Level 2	Completed	Aug 13, 2020	Aug 27, 2020	Aug 25, 2020	-2
WF-000047	Post Tension - Building C Residential - Level 4	Completed	Aug 17, 2020	Aug 18, 2020	Aug 27, 2020	7
WF-000048	Formwork Shop Drawings - Building C Residential - Level 4 & Roof Concrete Profiles	Completed	Aug 17, 2020	Aug 27, 2020	Aug 27, 2020	0
WF-000049	Formwork Shop Drawings - Building A - Level 3 - Concrete Profile	Completed	Aug 17, 2020	Aug 27, 2020	Aug 27, 2020	0
WF-000052	Post Tension - Building A - LEVEL 3 & Typical Punching Shear Detail	Completed	Aug 20, 2020	Sep 8, 2020	Sep 1, 2020	-5
WF-000053	Arcadia Louvre & Screens - Shop Drawings	Completed	Aug 21, 2020	Aug 24, 2020	Sep 2, 2020	7

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000054	Electrical Shop Drawings - MSB & Labelling	Completed	Aug 21, 2020	Sep 8, 2020	Sep 2, 2020	-4
WF-000056	Post Tension - Building C - Roof	Completed	Aug 24, 2020	Aug 25, 2020	Sep 3, 2020	7
WF-000057	Fire Sprinkler Shop Drawings - Level 1 Heritage Courthouse	Completed	Aug 27, 2020	Sep 8, 2020	Sep 8, 2020	0
WF-000058	Dry Fire Shop Drawings	Completed	Aug 27, 2020	Sep 8, 2020	Sep 8, 2020	0
WF-000059	Platform Lift Shop Drawing	Completed	Aug 27, 2020	Sep 8, 2020	Sep 8, 2020	0
WF-000060	Mechanical_Heritage Building Plantrooms	Completed	Sep 3, 2020	Sep 16, 2020	Sep 15, 2020	-1
WF-000061	MSSB-1 Education Building	Completed	Sep 4, 2020	Sep 16, 2020	Sep 16, 2020	0
WF-000063	Formwork Shop Drawings - Building A	Completed	Sep 10, 2020	Sep 21, 2020	Sep 22, 2020	1
WF-000064	Barrisol Lighting	Completed	Sep 11, 2020	Oct 22, 2020	Sep 23, 2020	-21
WF-000066	Fire Sprinkler and Hydrant Shop Drawings	Completed	Sep 11, 2020	Sep 28, 2020	Sep 23, 2020	-3
WF-000067	Post Tension - Building C- Level 4	Completed	Sep 15, 2020	Sep 23, 2020	Sep 25, 2020	2
WF-000068	Formwork Shop Drawings - Building A- Roof Concrete Profile	Completed	Sep 16, 2020	Sep 29, 2020	Sep 28, 2020	-1
WF-000069	Arcadia Louvre & Screens - Shop Drawings_Rev B	Completed	Sep 17, 2020	Oct 2, 2020	Sep 29, 2020	-3
WF-000070	Mechanical Shop Drawings	Completed	Sep 18, 2020	Sep 30, 2020	Sep 30, 2020	0
WF-000071	Kitchen Shop Drawings	Completed	Sep 23, 2020	Oct 9, 2020	Oct 5, 2020	-4
WF-000072	Formwork Shop Drawings - Building A- Level 4 Concrete Profile	Completed	Sep 24, 2020	Oct 7, 2020	Oct 6, 2020	-1
WF-000073	Mechanical Shop Drawings	Completed	Sep 25, 2020	Oct 12, 2020	Oct 7, 2020	-3
WF-000074	Windows and Glazing	Completed	Sep 25, 2020	Oct 7, 2020	Oct 7, 2020	0
WF-000075	Joinery Shop Drawings_Batch 1	Completed	Sep 29, 2020	Nov 9, 2020	Oct 9, 2020	-21

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000076	Post Tension Shop Drawings - Building C- Roof Slab	Completed	Oct 1, 2020	Oct 12, 2020	Oct 13, 2020	1
WF-000077	Electrical Shop Drawings- Main Switch Board	Completed	Oct 1, 2020	Oct 19, 2020	Oct 13, 2020	-4
WF-000078	Windows and Glazing	Completed	Oct 1, 2020	Oct 14, 2020	Oct 13, 2020	-1
WF-000079	Joinery Shop Drawings	Completed	Oct 2, 2020	Oct 19, 2020	Oct 14, 2020	-3
WF-000080	Post Tension - Building A- Level 4	Completed	Oct 6, 2020	Oct 19, 2020	Oct 16, 2020	-1
WF-000081	Post Tension - Building A_Roof	Completed	Oct 7, 2020	Oct 26, 2020	Oct 19, 2020	-5
WF-000082	Mechanical Shop Drawings- Education Building	Completed	Oct 9, 2020	Oct 29, 2020	Oct 21, 2020	-6
WF-000083	Toilet Partitions- All Buildings	Completed	Oct 13, 2020	Oct 29, 2020	Oct 23, 2020	-4
WF-000084	Windows and Glazing- Fire Rated Windows	Completed	Oct 16, 2020	Dec 9, 2020	Oct 28, 2020	-30
WF-000086	Windows and Glazing_Narrow Frameless Glazed Door	Completed	Oct 21, 2020	Oct 29, 2020	Nov 2, 2020	2
WF-000087	Windows and Glazing_Awning Window Detail	Completed	Oct 21, 2020	Oct 29, 2020	Nov 2, 2020	2
WF-000088	Arcadia Louvre & Screens - Shop Drawings	Completed	Oct 23, 2020	Oct 29, 2020	Nov 4, 2020	4
WF-000090	Mechanical Shop Drawings_Grille Schedule	Completed	Oct 28, 2020	Dec 16, 2020	Nov 9, 2020	-27
WF-000091	Joinery Shop Drawings	Completed	Oct 29, 2020	Dec 11, 2020	Nov 10, 2020	-23
WF-000097	Mechanical Shop Drawings	Completed	Nov 30, 2020	Jan 7, 2021	Dec 10, 2020	-20
WF-000098	Windows and Glazing	Completed	Dec 3, 2020	Dec 10, 2020	Dec 15, 2020	3
WF-000099	Structural Steel_Facade Mullions and Lintels_Education Building	Completed	Dec 4, 2020	Dec 14, 2020	Dec 16, 2020	2
WF-000100	Mechanical Shop Drawings_MSSB-2	Completed	Dec 4, 2020	Dec 15, 2020	Dec 16, 2020	1
WF-000101	Structural Steel_Mullions and Lintels_Residential Building	Completed	Dec 4, 2020	Dec 14, 2020	Dec 16, 2020	2
WF-000103	Mechanical Shop Drawings_MSSB 1_Education	Completed	Dec 7, 2020	Jan 7, 2021	Dec 17, 2020	-15

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000104	Structural Steel	Completed	Dec 9, 2020	Feb 1, 2021	Dec 21, 2020	-30
WF-000105	Fire Sprinkler Shop Drawings_RCP_Level 1 and 2 Residential	Completed	Dec 9, 2020	Jan 7, 2021	Dec 21, 2020	-13
WF-000106	Security Shop Drawings	Completed	Dec 10, 2020	Jan 21, 2021	Dec 22, 2020	-22
WF-000107	Electrical Shop Drawings_Distribution Boards	Completed	Dec 11, 2020	Jan 7, 2021	Dec 23, 2020	-11
WF-000108	Windows and Glazing_Window Schedules	Completed	Dec 11, 2020	Jan 7, 2021	Dec 23, 2020	-11
WF-000109	Balustrade and Handrails_BAL 01A	Completed	Dec 11, 2020	Dec 14, 2020	Dec 17, 2020	3
WF-000110	Equitone Shop Drawings_Rev 2	Completed	Dec 14, 2020	Jan 7, 2021	Dec 18, 2020	-14
WF-000111	Access Floors	Completed	Dec 14, 2020	Jan 7, 2021	Dec 18, 2020	-14
WF-000112	Balustrade and Handrails_S03 to S20	Completed	Dec 16, 2020	Jan 7, 2021	Dec 22, 2020	-12
WF-000113	Structural Steel_Education_Stair A3	Completed	Dec 17, 2020	Jan 21, 2021	Dec 29, 2020	-17
WF-000114	Structural Steel_Education Cladding Steel and Stair 06	Completed	Dec 18, 2020	Jan 21, 2021	Dec 30, 2020	-16
WF-000115	Structural Steel_Residential_Cladding Support Steel	Completed	Jan 14, 2021	Feb 12, 2021	Jan 26, 2021	-13
WF-000116	Structural Steel_Residential Atrium	Completed	Jan 21, 2021	Feb 17, 2021	Feb 2, 2021	-11
WF-000117	Alpolic Shop Drawings	Completed	Jan 21, 2021	Feb 17, 2021	Jan 27, 2021	-15
WF-000118	Windows and Glazing	Completed	Feb 2, 2021	Feb 17, 2021	Feb 8, 2021	-7
WF-000119	Toilet Partitions- Bench Seat	Completed	Feb 3, 2021	Feb 22, 2021	Feb 15, 2021	-5
WF-000120	Electrical Shop Drawings_PFC	Completed	Feb 4, 2021	Mar 3, 2021	Feb 16, 2021	-11
WF-000121	Outdure Decking	Completed	Feb 10, 2021	Feb 12, 2021	Feb 22, 2021	6
WF-000124	Operable Walls	Completed	Feb 22, 2021	Feb 24, 2021	Feb 26, 2021	2
WF-000125	Monarch Renlita Doors	Completed	Feb 25, 2021	Mar 11, 2021	Mar 3, 2021	-6

Number	Name	Workflow Status	Start Date	Expected/Actual End Date	Original Due Date	Delay (days)*
WF-000126	Windows and Glazing- Terraces, Cafeteria and Education Building	In Progress	Mar 8, 2021	Mar 30, 2021	Mar 18, 2021	-8
WF-000127	Joinery Shop Drawings- Niche Shelving	In Progress	Mar 17, 2021	Mar 30, 2021	Mar 29, 2021	-1

***Delay:** For In Progress Workflow it is the difference between Expected end date & Original due date. For Completed Workflow it is the difference between Actual end date & Original due date. (Days that are a part of the working week only are considered)

Note: For Delay - Positive is on/before time, Negative is behind time.

Filters:"Workflow Status" equals "" (No filter applied).

Appendix H – Statused SSD-9787 Conditions Matrix

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX					Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	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 feasible 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			✓	Compliant - ongoing			
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			✓	Compliant - ongoing			
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			
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										

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX					Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status	
					Owner	Contractor					
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 dated 12 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		Relevant Consultant/s	Date Addressed	Mar-21	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			✓	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			
External Walls and Cladding							

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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 forwarded 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							
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 COMMENCEMENT OF CONSTRUCTION							
Notice of Commencement							

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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
	[iii] 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							
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
	[iii] Copy of CEMP forwarded to Planning Secretary	Nihon		dwp	22-Jan-20		Closed

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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. [i] CTPMSP developed by contractor + submission to Certifier				27-Aug-20		Closed - Updated CTPMSP includes additional consultation with Council.
	[ii] Submission to the Planning Secretary required	Nihon	Built	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)). [i] CNVMS-P developed by contractor + submission to PCA				27-Aug-20		Closed
			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. [i] CWPMS developed by contractor + submission to PCA				27-Aug-20		Closed
			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. [i] ACHMSP developed by contractor + submission to PCA				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
	[ii] Submission to and endorsement by the Planning Secretary required	Nihon	Built	AMAC			Closed
				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. [i] Strategy developed by contractor + submission to the Certifier				23-Jan-20		Closed out
			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. [i] Stormwater management system developed + submission to the Certifier				21-Apr-20		Closed - CC#1
			Built	Cardno Northrop			Closed
Operational Noise – Design of Mechanical Plant and Equipment							

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX			Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
			Owner	Contractor				
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								
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			Not triggered this period
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								

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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
	[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							

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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
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. [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 - GHD appointed & endorsed 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. [i] Independent audit program prepared and submitted to Planning Secretary and the Certifier	Nihon	Built	Azusa dwp			Closed - dwp issued to DPIE Closed

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX			Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
			Owner	Contractor				
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	
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 <i>Conveyancing Act 1919</i> 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 <i>Hunter Water Act 1991</i> 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								

x

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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. [i] Green travel plan to be finalised and submitted to the Planning Secretary	Nihon		Azusa dwp			Not triggered
Heritage Interpretation Plan							
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. [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. [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. [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 <i>The use of air-conditioning in buildings – Mechanical ventilation in buildings</i> and other relevant codes; and (b) any dispensation granted by Fire and Rescue NSW. [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. [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. [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. [i] Fire safety certificate for constructed facility to be submitted to relevant authority		Built	dwp Northrop			Not triggered
Structural Inspection Certificate							

X

X

X

X

X

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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							
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 <i>Public Health Act 2010</i>) must comply with the <i>Public Health Act 2010</i> , Public Health Regulation 2012 and Part 1 (or Part 3 if a Performance-based water cooling system) of AS/NZS 3666.2:2011 <i>Air handling and water systems of buildings – Microbial control – Operation and maintenance</i> 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 - <i>Control of the obtrusive effects of outdoor lighting</i> (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 <i>Protection of the Environment Operations Act 1997</i> , <i>Protection of the Environment Operations (Waste) Regulation 2014</i> and the <i>Waste Classification Guideline</i> (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
	[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

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SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX						Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status	
						Owner	Contractor					
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.										
[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												
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

SSD 9787 - FINAL CONDITIONS SCHEDULE 2 MATRIX		Responsibility		Relevant Consultant/s	Date Addressed	Mar-21	Status
		Owner	Contractor				
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 <i>Authorised Officers: Bunding and Spill Management – technical bulletin (EPA, 1997)</i> .	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 to 8am Saturday and no service vehicle access permitted on Sunday and public holidays.	Nihon		Facility Manager			Not triggered

Not compliant 

Closed 

Ongoing / In progress 

Not Triggered 

Note with no further actions required 

Appendix I - Monthly Waste Recovery Reports

BUILT

NIHON UNIVERSITY

RESOURCE RECOVERY REPORT

MARCH 2021

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

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

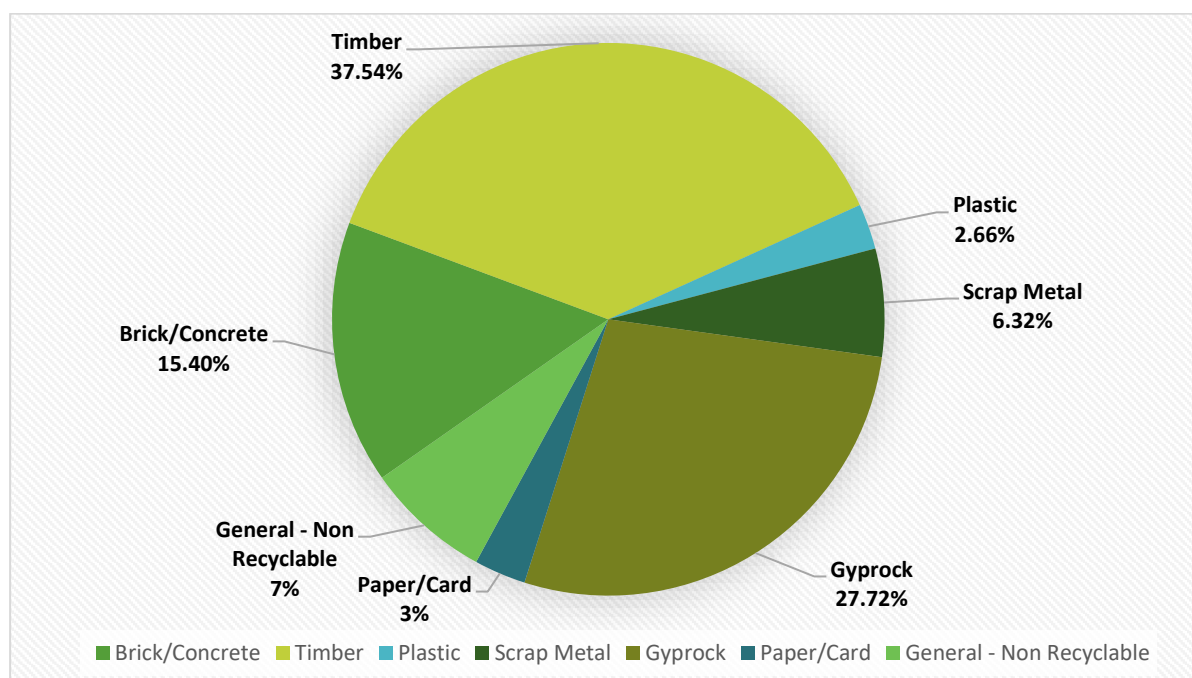
Materials were free of contamination by food or other organic matter which assists in recovery rates, however, non-recoverable/difficult material such as plastics, etc. were found and disposed of as per local regulations.

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)	58.60
Total Recovered (Tonnes)	52.74
Total Recovery Percentage	90%

RESOURCE TYPE	TONNES RECOVERED	PERCENTAGE
WOOD/TIMBER	22.00	37.54%
BRICK/CONCRETE	9.02	15.40%
METALS	3.70	6.32%
GYPROCK	16.24	27.72%
CARDBOARD	1.78	3.03%
GENERAL WASTE (NON RECYCLABLE)	4.30	7.34%
PLASTICS	1.56	2.66%



3. RECOVERY SUMMARY)

MONTHLY BREAKDOWN	CWS	OTHER FACILITIES (material specific)	TOTAL
Total Amount Received (Tonnes)	58.60	0	58.60
Total Recovered (Tonnes)	52.74	0	52.74
C&D Non-Recoverable Percentage	10.00%	0%	10.00%
Total Recovery Percentage	90.00%	0%	90.00%