

CARDINAL FREEMAN VILLAGE

Supporting Documentation

Appendix J

Construction Management Plan

Prepared by **EPM Projects Pty Ltd**

Cardinal Freeman Village

Construction Management Plan

Stage 1 & 2

March 2010

Document Control:

Rev No.	Issue Date	Reason for Issue
CPA-P	5 March 2010	Concept Plan Application - Preliminary
CPA	5 March 2010	Concept Plan Application

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1.0 PURPOSE, DOCUMENT CONTROL & DISTRIBUTION

1.1 Purpose

Aevum Limited ('Aevum') owns Cardinal Freeman Village located at Victoria Street, Ashfield ('the Site' or 'the Village'). Aevum is seeking approval of a Concept Plan under Part 3A of the Environmental Planning and Assessment Act (1979) as well as approval to carry out Stage 1 and Stage 2 of the Project. The Project is set out in detail in the documents comprising the Concept Plan Application ('CPA').

This Construction Management Plan (CMP) has been prepared by epm Projects Pty Ltd ('EPM'), who is engaged by Aevum as its Project Manager to manage the delivery of the Project, to accompany the Application, and sets out the way in which Aevum and EPM will manage the construction of Stage 1 and Stage 2 of the Project in an endeavour to minimise the impact of construction activities on the environment, the Village Residents and the wider community.

1.2 Amendments, Control & Distribution

This CMP has been prepared by EPM. EPM holds the master copy of the Construction CMP and is responsible to amend the CMP during the course of the Project and arrange the necessary statutory approvals. EPM will control distribution of the CMP as follows:

Organisation	Functional Role	Form
Aevum	▪ Senior Development Manager	▪ Electronic
Aevum	▪ Village Manager	▪ Electronic
Cardinal Freeman Village	▪ Chair, Residents Committee	▪ Electronic, Bound
Straight Talk	▪ Project Liaison Officer	▪ Electronic
TBA	▪ Principal Certifying Authority	▪ Electronic
Hill Thalys Architects	▪ Village Green Project Architect	▪ Electronic
Suters Architects	▪ Care Precinct Project Architect	▪ Electronic
TBA	▪ Principal Contractor Stage 1	▪ Electronic
TBA	▪ Principal Contractor Stage 2	▪ Electronic

Distribution of this Construction Management Plan beyond the organisations of the controlled recipients is only permitted with the prior approval of Aevum.

1.3 Approval

This Construction Management Plan has been approved by Aevum.

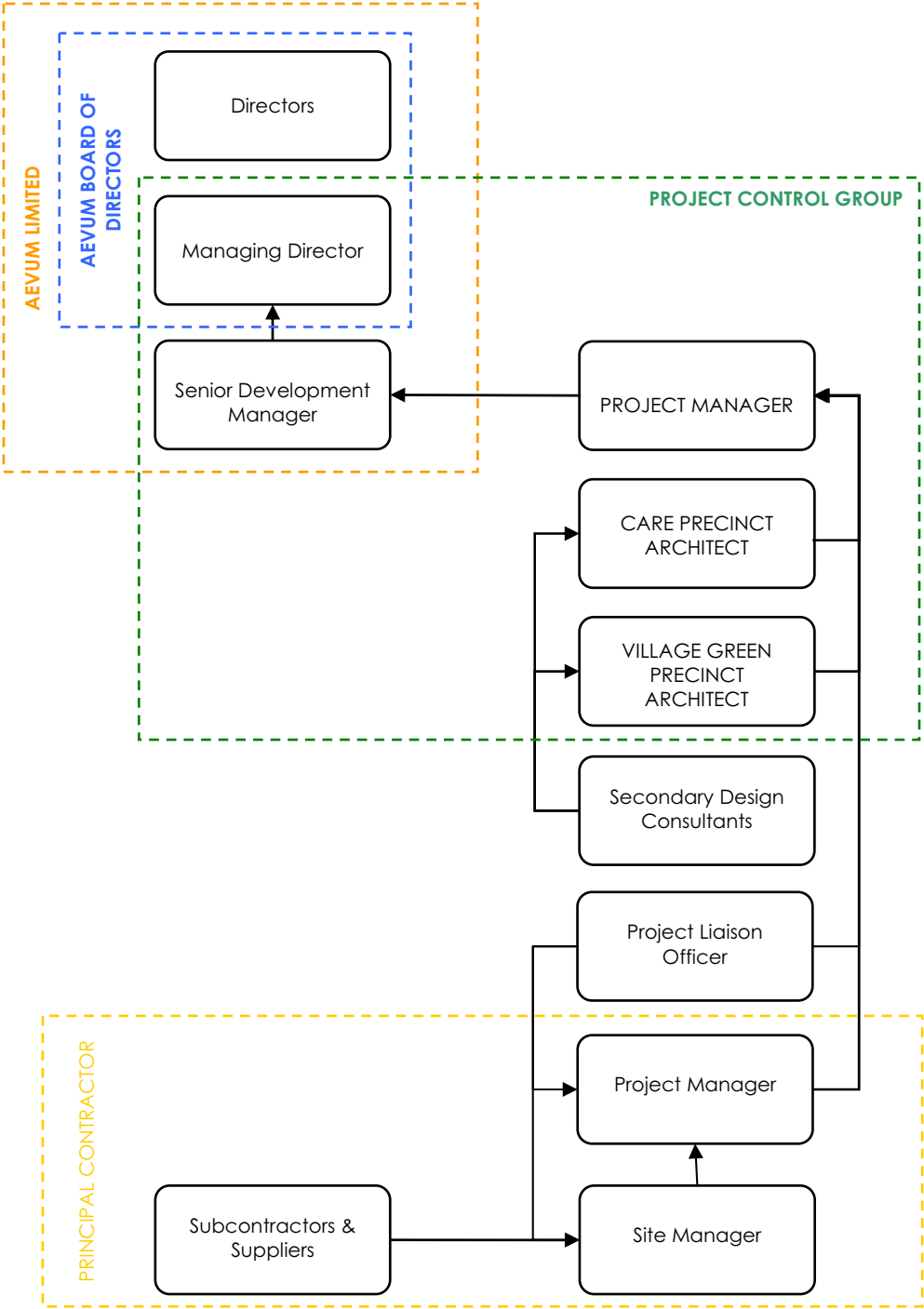
Jon Spencer
Aevum Limited
Senior Development Manager

2.0 PROJECT DESCRIPTION

The Project involves the staged redevelopment of the Site including construction of a new Aged Care Facility, construction of approximately 225 new Self Care Units including underground carparking, construction of a generous open landscaped space, construction of new community facilities, and preservation of historic buildings on the Site. The Project is set out in detail in the documents accompanying the Application.

3.0 PROJECT GOVERNANCE

The following diagram sets out the governance regime that Aevum will established for the Project.



4.0 STAGING & PROGRAMME

The single most important consideration in planning the delivery of the Project has been to minimise the impact of construction activities on the Village Residents. Aevum has been working with the Village Residents to develop a comprehensive communications and management strategy to ensure impacts are minimised wherever possible and appropriately managed. Aevum will be meeting with the Village Residents Committee on a regular basis to invite feedback about design and other aspects of the project. In particular, Aevum has committed to working with residents in an endeavour to minimise the impact of construction activities on their daily lives.

Aevum has developed a strategy that will enable current standards of care to be maintained while progressively improving the quality of care facilities by adopting the following principles:

4.1 Consultation & Communication

Aevum has consulted extensively with Village Residents in the course of preparing the Application in an endeavour to:

- give every opportunity to the residents to understand the way in which development might affect them and to express their views and concerns about this; and
- to give Aevum every opportunity to undertake development in a way that responds to the concerns and feedback of the Village Residents and minimises the impacts on them.

Aevum has engaged a consultant that specialises in community engagement and strategic communications to facilitate the consultation process, and intends to continue this consultative approach throughout the course of planning and executing each stage of the Project. Consultation with Village Residents during the course of construction will include:

- **Project Liaison Officer**

Aevum would appoint a Project Liaison Officer that would be available during nominated business hours by phone and where appropriate in person to liaise and meet with Village Residents to discuss the Project. The Project Liaison Officer would communicate within Aevum the issues that are raised by the Village Residents and maintain communication with the residents about the issue until a satisfactory resolution can be agreed upon.

- **Resident Update Circulars**

These circulars would take the form of a 'flyer' delivered by Aevum to Village Residents on a monthly basis. This would set out key construction activities in the coming month that might affect Village Residents and the ways in which these activities would be managed by Aevum including alternative arrangements for facilities that might also be affected by construction.

- **Project Webpage**

Aevum would include a page on its website that is accessible by Village Residents that contains the most current information about the Project, key contact information, and access to the Complaints Register (Item 12 of the Construction Management Plan).

- **Resident Meetings**

Aevum would conduct meetings with residents of each Independent Living Unit ('ILU') Apartment Building prior to finalising the methodology for construction work that could affect residents, and prior to commencing construction work. This would enable residents and Aevum

to work together to identify and manage issues in a way that minimises the impacts on residents and the operations of Aevum.

- **1800 Project Information Hotline**

Aevum would establish a free-call 1800 'hotline' as another means by which residents can make enquiries and register complaints with Aevum about any aspect of the Project. Complaints would be managed in accordance with the Complaints Management Procedure set out in Item 12 of the plan.

- **Village Resident Committee Meetings**

Upon invitation, the Project Liaison Officer would attend meetings of the Village Residents Committee to discuss the Project including key upcoming construction activities and the ways in which these activities will be managed by Aevum. Aevum would address issues of concern raised by the committee.

4.2 Maintaining Care Standards & Facilities

Aevum has planned the execution of the Project in order to maintain the continuity and current standard of services and facilities throughout the course of each stage of the Project. In certain cases, this will necessitate the construction of temporary facilities including:

- Village Administration Office
- Café
- Activities Centre
- Roads, Footpaths & Walkways

The next section of this CMP explains in greater detail the way in which temporary facilities are to be incorporated into the staging of the Project.

4.3 Staging & Sequencing of Development

Aevum intends to deliver the Project through five stages as follows:

- Stage 1 – Village Green Precinct
- Stage 2 – Care Precinct
- Stage 3 – Victoria 1 Precinct
- Stage 4 – Victoria 2 Precinct
- Stage 5 – Heritage Precinct

Refer to the staging plan in **Figure 1** on the following page.

The Application seeks approval to undertake (construct) Stage 1 and Stage 2. Stage 1 includes the construction of the following new facilities:

Stage 1 Village Green Precinct

- Realignment and widening of Victoria Lane.
- Construction of new accessible pedestrian walkways.

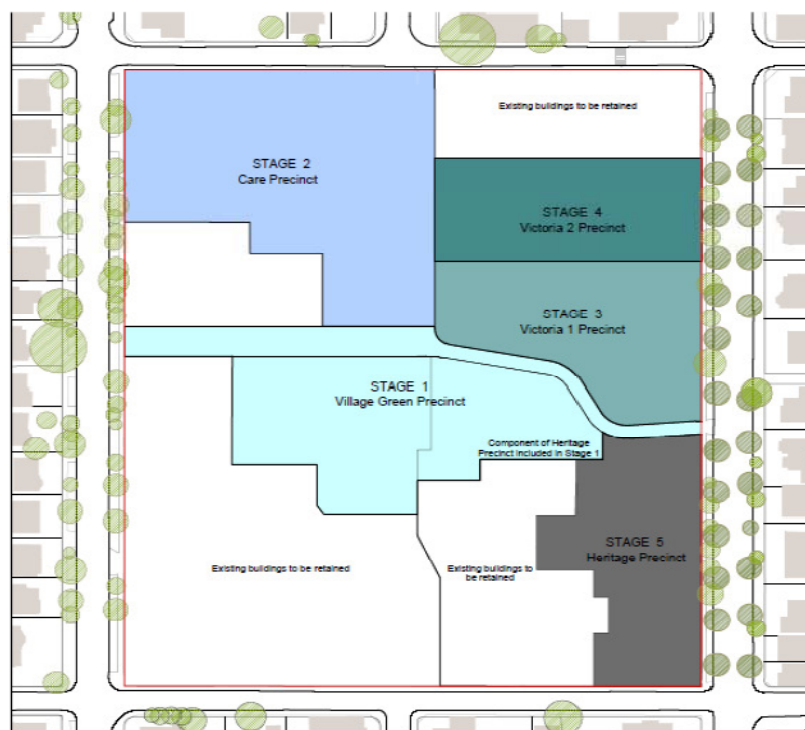
- Upgrading site infrastructure including hydraulic, electrical, stormwater and drainage.
- Construction of three new buildings (Q1, Q2 and Q3) comprising 59 ILU's.
- Construction of a new car park for 45 cars (under Q1, Q2 and Q3).
- Construction of a new Hydrotherapy Pool and Gymnasium.
- Construction of new Community Facilities including Activities Centre, Café and Dining Room.
- Construction of a new Village Green.
- Extensive new landscaping.

Stage 2 Care Precinct

- Construction of Clissold Lane.
- Construction of new accessible pedestrian walkways.
- Upgrading site infrastructure including hydraulic, electrical, stormwater and drainage.
- Construction of a new building comprising 23 Serviced Self Care Apartments ('SSC').
- Construction of a new building comprising 23 ILU's.
- Construction of a new 132-bed Residential Aged Care Facility ('RACF').
- Construction of new undercover secure carparking for 74 cars (under RACF).
- Extensive new landscaping.

Details of these new facilities are included elsewhere in the Application.

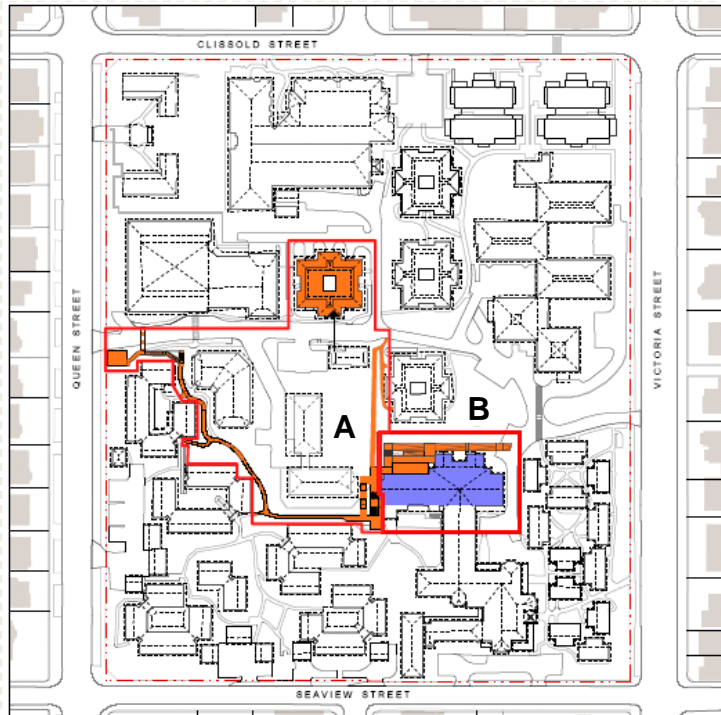
Figure 1 – Simplified Staging Plan



The work sequence in each of these first two stages has been broken down further into phases to enable the existing facilities that are affected by building work to be relocated so that they continue to be available to Village Residents throughout the course of the Project. The sequence of work in the first two stages is as follows:

Stage 1 - Village Green Precinct, Phase 1

- A. Temporary Facilities** – The internal layout of Level 1 of Building F will be modified to accommodate the Village Administration. A pedestrian path will be constructed to connect the South West Quadrant to the Village Green around the future site of Apartment Buildings Q1, Q2 and Q3. The extent of this work is designated A in the diagram in **Figure 2**.



- B. Chapel Undercroft** – Hoardings will be erected around the Chapel Undercroft and the undercroft will be refurbished. At the same time, the pedestrian path to the East will be extended to link with the South West Quadrant. This path will be compliant with the accessibility provisions of the BCA. The Activities Centre, Café and Dining will then be relocated to the Chapel Undercroft. The extent of this work is designated B in the diagram in **Figure 2**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

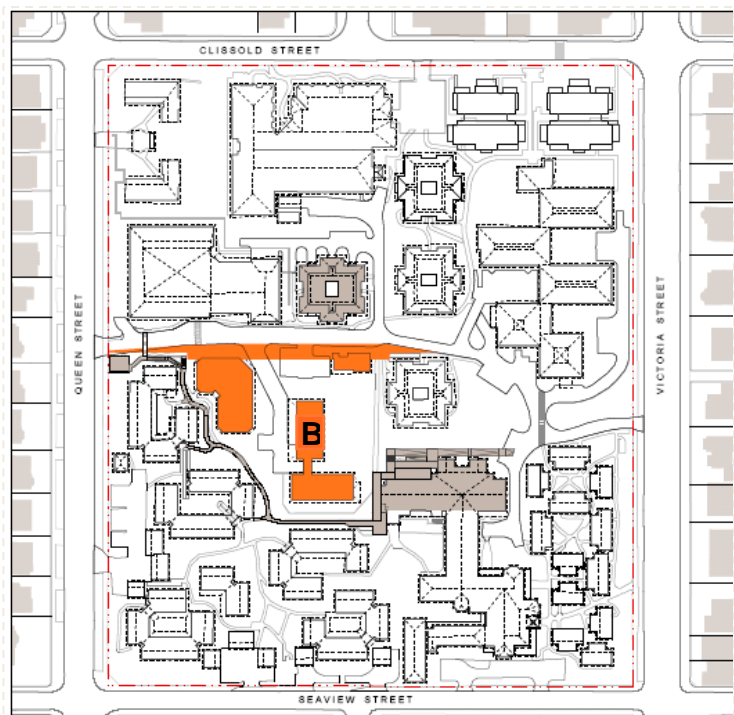
Figure 2 – Temporary Facilities & Chapel Undercroft

- C. Realign Victoria Lane West & Demolition** – On completion of Phase 1, hoardings will be erected around the site of Apartment Buildings Q1, Q2 and Q3 ('the Apartment Site') and down Victoria Lane thereby making Victoria Lane one way traffic from East to West, except that access for construction vehicles to the Apartment Site will be via a controlled two-way entry off Queen Street.

The southern side of Victoria Lane West will be realigned to facilitate access by construction traffic to the Apartment Site and construction of Buildings Q1, Q2 and Q3. The old Activities Centre, Café, Administration and Convent will then be demolished.

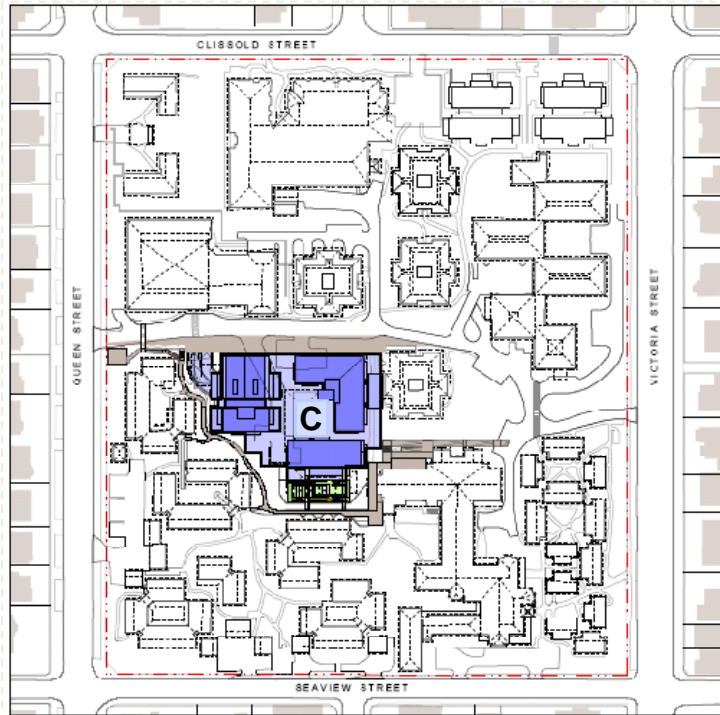
The extent of this work is designated C in the diagram in **Figure 3**. Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 3 – Realign Victoria Lane West & Demolition



Stage 1 - Village Green Precinct, Phase 2

- A. Construct Basement Carpark & Apartment Buildings** – On completion of demolition of the old Activities Centre, Café, Administration and Convent excavation will commence on the new basement carpark to Apartment Buildings Q1, Q2 and Q3 progressing to construction of the new carpark and on to construction of the Apartments Buildings.



During this phase, pedestrian access between the South East and South West Quadrants via the Chapel will be maintained, as will one-way vehicular access along Victoria Lane from east to west. The extent of this work is designated C in the diagram in **Figure 4**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 4 – Construct Carpark and Apartment Buildings

- B. Demolish Building E** – Aevum is targeting completion Apartment Building Q2 before Q1 and Q3 in order to enable construction of the Village Green including the forecourt to Q2 to be completed concurrent with Q1 and Q3. The demolition of Building E will be timed to suit this objective. At that time, hoardings will be erected around Building E to enable the building to be demolished.

During this phase, pedestrian access between the South East and South West Quadrants via the Chapel will be maintained, as will one-way vehicular access along Victoria Lane from east to west. The extent of this work is designated D in the diagram in **Figure 5**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

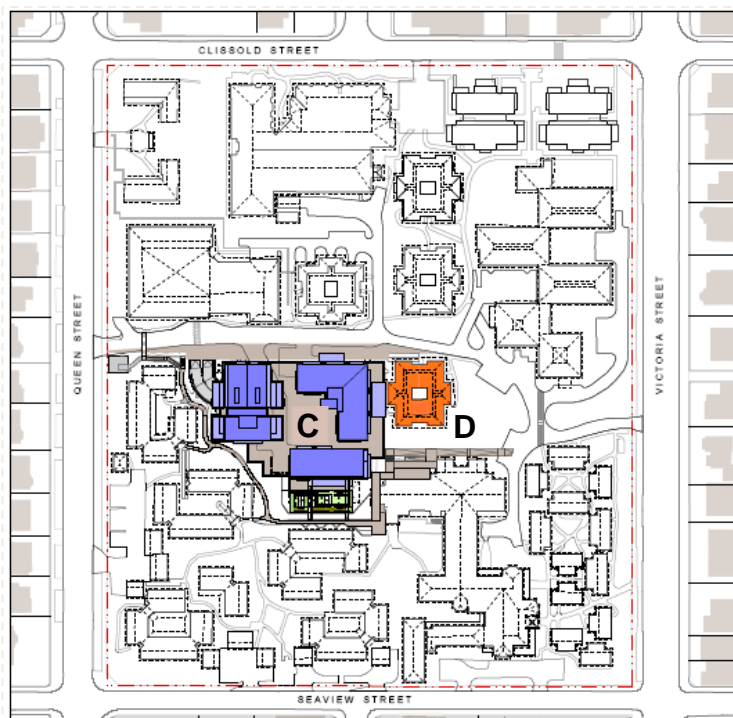
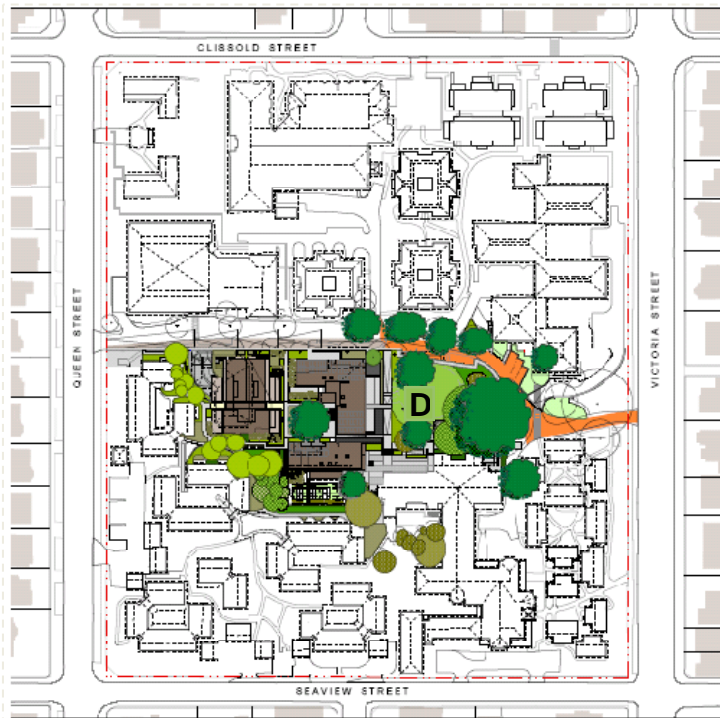


Figure 5 – Demolish Building E

- C. Construct Village Green** – On completion of demolition of Building E, hoardings will be erected around the site of the new Village Green and the Village Green will be constructed. This will include realignment of Victoria Lane East, although vehicular access into the Village off Victoria Street will be maintained at all times through the use of localised traffic control measures.



During this phase, pedestrian access between the South East and South West Quadrants via the Chapel will be maintained, as will one-way vehicular access along Victoria Lane from east to west. The extent of this work is designated D in the diagram in **Figure 6**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 6 – Construct Village Green

- D. Relocate Village Administration** – On completion of the new Village Administration Offices in Building Q2, Aevum Village Administration would relocate from Block F to the new offices. At the same time, the Café would relocate from the Chapel into its new permanent location in Building Q2.

At this point, all the hoardings would be removed and Victoria Lane West would once again serve two-way traffic.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

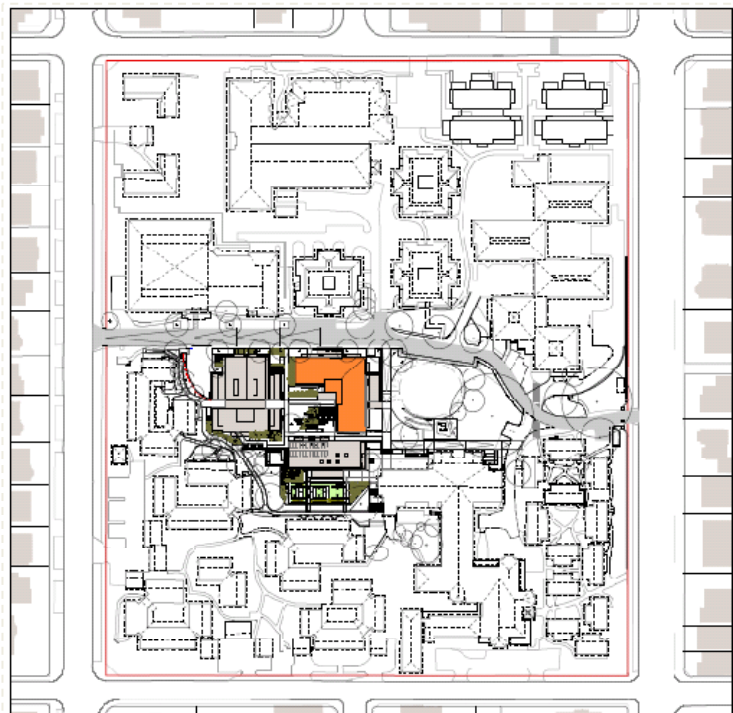


Figure 7 – Relocate Administration

At this point, Stage 1 would be complete. The diagrams below show the Village Green Precinct before development, and on Completion of Stage 1.

Figure 8 – Village Precinct Before Development

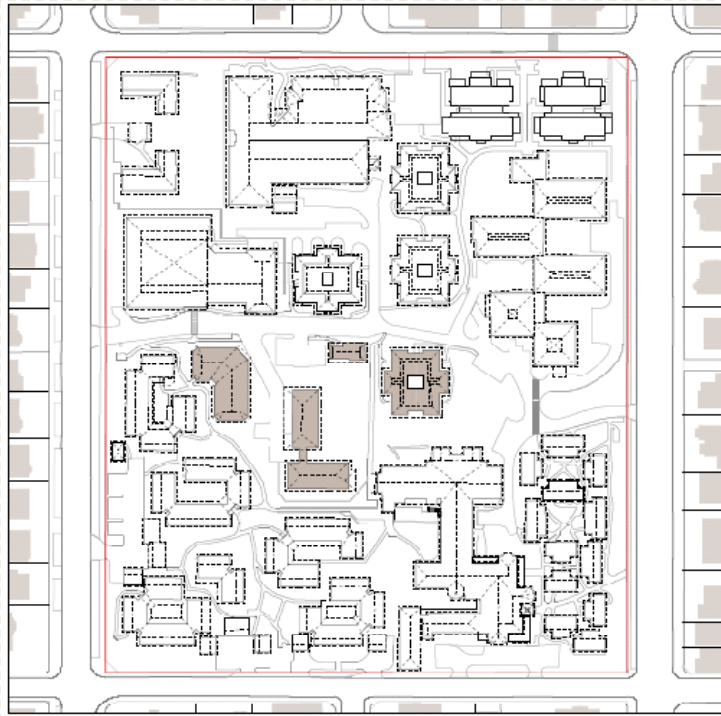
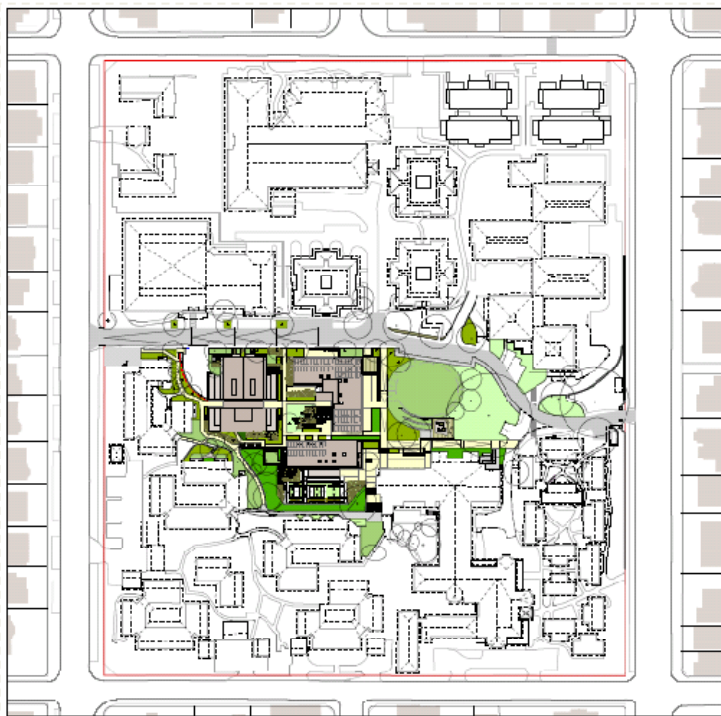
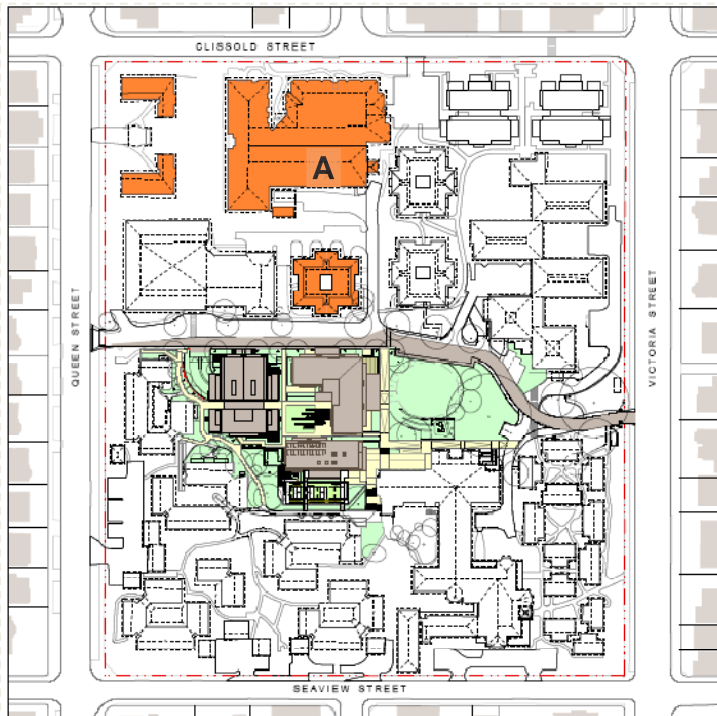


Figure 9 – Village Precinct After Development



Stage 2 – Care Precinct Phase 1

- A. Demolish Old Nursing Home & Building F** – Upon the old Nursing Home and Building F becoming vacant, a hoarding would be erected around these buildings and the buildings demolished.



During this phase, pedestrian and vehicular access along Victoria Lane and access to the Village Green (completed in Stage 1) would be unaffected, and pedestrian access between Clissold Street and Victoria Lane (alongside Apartment Buildings C and D) would be maintained in its current form.

The extent of this work is designated A in the diagram in **Figure 14**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 14 – Demolish Old Nursing

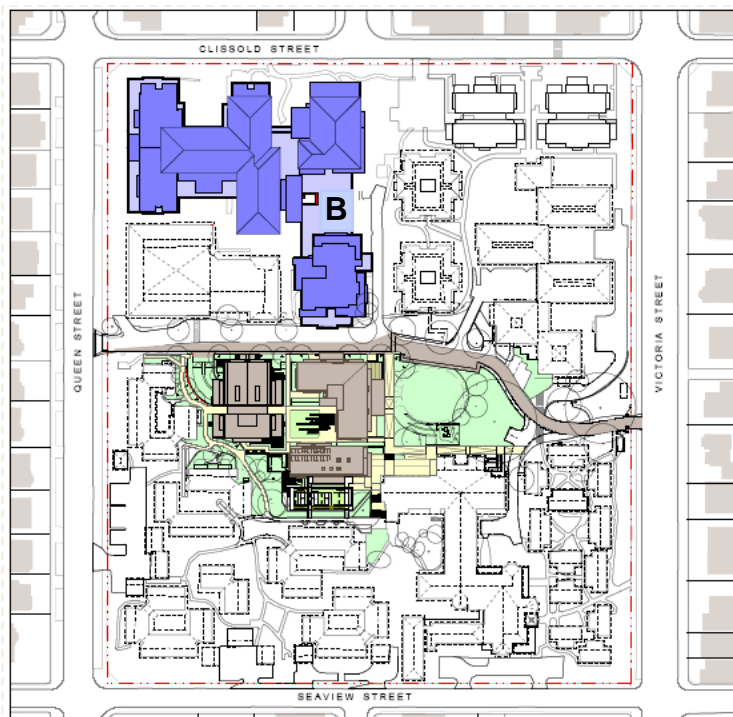
- B. Construct New Care Facilities & Apartments** – On completion of demolition of the old buildings, hoardings would generally remain in the same location for the duration of the construction of the new Aged Care Facility, Serviced Self Care and Apartment Buildings.

During the most part of this phase, pedestrian and vehicular access along Victoria Lane and access to the Village Green would be unaffected, and pedestrian access between Clissold Street and Victoria Lane (alongside Apartment Buildings C and D) would be maintained in its current form.

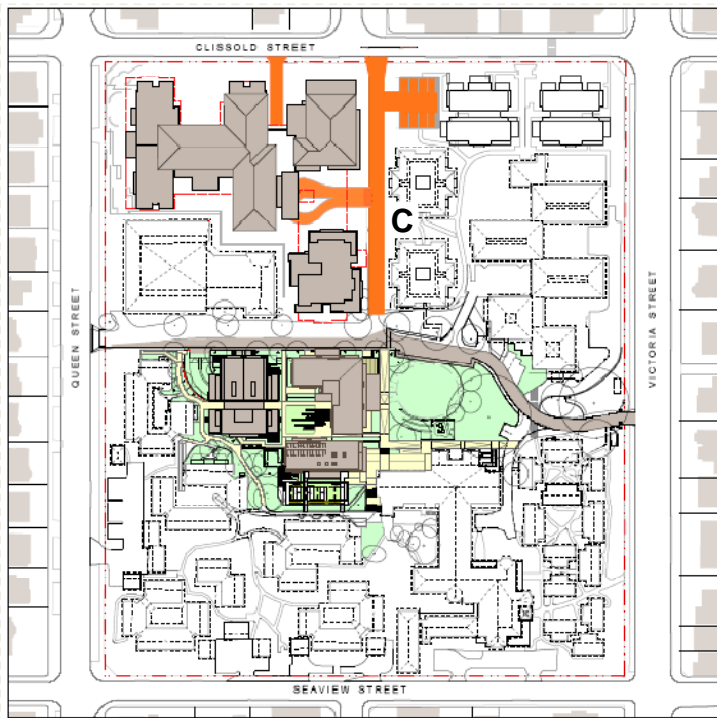
The extent of this work is designated B in the diagram in **Figure 15**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 15 – Construct New Care Facilities & Apartments



- C. Construct Clissold Lane** – In order to minimise the impact of construction of Clissold Lane on the residents of Apartment Buildings A, B, C and D, the commencement of construction of Clissold Lane (between Victoria Lane and Clissold Street) would be deferred as late as possible, timed so that it completes concurrent with the new Care Facilities.



During this phase, pedestrian and vehicular access along Victoria Lane and access to the Village Green (completed in Stage 1) would be unaffected. Alternate pedestrian access between Clissold Street and Victoria Lane to the east of Buildings C and D would however be implemented.

The extent of this work is designated C in the diagram in **Figure 16**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

Figure 16 – Construct Clissold Lane

- D. Complete Realignment of Victoria Lane West** – The northern side of Victoria Lane West would be constructed concurrent with Clissold Lane thereby completing the realignment of Victoria Lane. A hoarding will be erected along the centre of Victoria Lane West which would revert to one-way traffic from east to west. The porte cochere of the Serviced Self Care Building on Victoria Lane would be temporally unavailable however alternative arrangements to enable loading and unloading would be implemented.

Pedestrian access to the Serviced Self Care Building would also be maintained. The pedestrian path along the northern elevation of Victoria Lane would be unavailable during this phase, however the new path on the south of Victoria Lane constructed as part of Stage 1 would remain operational.

The extent of this work is designated D in the diagram in **Figure 17**.

Refer to Section 6 of this Plan for more details of the measures that will be adopted to manage the impacts of construction of this Phase.

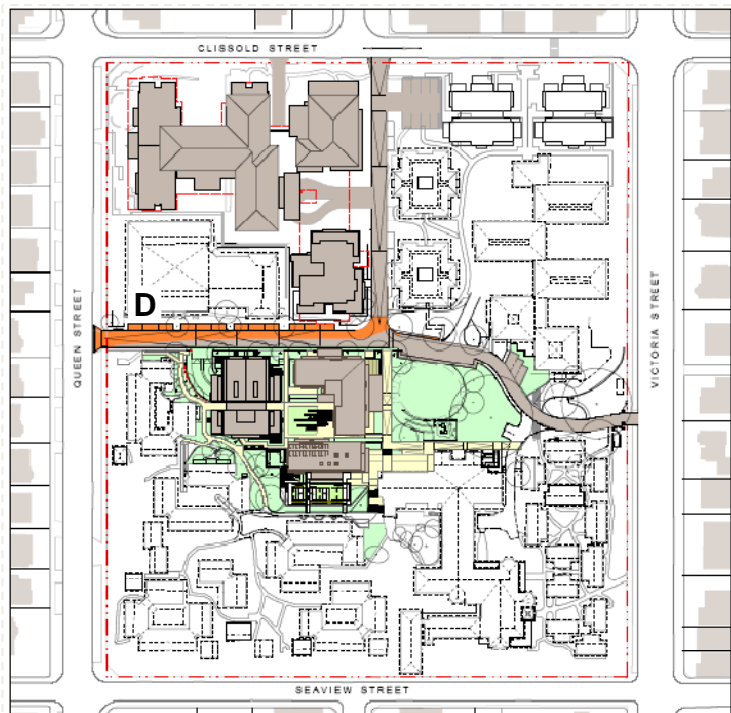


Figure 17 – Construct New Care Facilities & Apartments

At this point, Stage 2 would be complete. The diagrams below show the Care Precinct before development, and on Completion of Stage 2.

Figure 18 – Care Precinct Before Development



Figure 19 – Care Precinct After Development



Section 6 includes diagrams that show the location of temporary fences, pedestrian accessible walkways, hoardings, visitor and resident parking, access for emergency services, and access for construction vehicles and vehicles servicing the Village during each phase of Stage 1 and Stage 2 of the Project.

This Construction Management Plan will be amended to accompany future Project Applications for Stages 3, 4 and 5 of the Project.

4.4 Programme

Attached in **Appendix A** is an Indicative Project Programme that reflects the staging and phasing of the Project as set out above. These dates will be reviewed and revised during the course of the Project, particularly when the Principal Contractor has been appointed, and Aevum will communicate and discuss these changes with the Village Residents.

It should be noted that the Indicative Project Programme is based on the assumption that work can occur on Saturdays. The commencement date of Stage 2 assumes that the old Nursing Home can be closed down over a period of two and a half years starting from the approval of the CPA.

5.0 HOURS OF WORK

Aevum is satisfied that the measures set out in this CMP will enable construction activities associated with Stages 1 and 2 of the Project to be conducted during the following times ('the Working Hours') with minimal impact on the environment, the Village Residents and neighbouring properties:

- Mondays to Fridays 7.00am – 5.00pm
- Saturdays 8.00am – 1.00pm
- Sundays & Public Holidays No Work

During exceptional circumstances, construction work may need to extend beyond the Working Hours. Where exceptional circumstances require an extension of the Working Hours, the Principal Contractor will obtain an 'Out of Hours' Work Permit from Ashfield Council. Such exceptional circumstances would typically arise out of concrete pours, erection of structural steel and the like. In these circumstances, the Village Residents, will be notified by Aevum as early as possible.

6.0 SAFETY AND SECURITY

6.1 Emergency Evacuation and Assembly

Prior to commencement of Stage 1, Aevum will consult with its fire safety engineer and develop and implement an Interim Emergency Evacuation Plan for the Site. Aevum staff, the Village Residents and workmen will be inducted into the Interim Emergency Evacuation Plan.

During the course of the Project, discrete activities or phases of the Project may require the Interim Emergency Evacuation Plan to be modified. Aevum will consult with its fire safety engineer to regularly review and revise the plan as necessary to reflect the changing circumstances on the Site and to refresh inductions of staff, the Village Residents and workmen into the revised Interim Emergency Evacuation Plan.

6.2 Temporary Fences, Walkways, Vehicular Access & Parking

The Principal Contractor will install and maintain temporary fences and hoardings as is necessary to comply with his obligations under the Occupational Health & Safety Act and Regulations and to facilitate the objectives of Aevum to minimise the impact of construction on the Village Residents. The extent of temporary fences, temporary accommodation for workmen, pedestrian 'accessible' walkways in the Village, hoardings, visitor and resident parking, access for emergency services vehicles, and access for construction vehicles and vehicles servicing the Village during each phase of Stage 1 and Stage 2 of the Project is illustrated in the diagrams attached in **Appendix B**.

The Principal Contractor will seek the approval of Ashfield Council for the erection of a hoarding over the footpath on Queen Street and Clissold Street in accordance with the policies of Ashfield Council.

6.3 Security

The Principal Contractor will establish a single point of entry and egress to the Site for all workmen and construction traffic involved in the construction of the new buildings, as shown in the diagrams in Item 6.2. The Principal Contractor will manage all personnel involved in the Building Work as well as visitors to areas of the Site that are under his control in accordance with the specific provisions of his Occupational Health & Safety Plan. Temporary facilities erected by the Principal Contractor will be secured by the Principal Contractor in order to mitigate vandalism and theft.

Anyone entering areas of the Site under the control of the Principal Contractor will be inducted by the Principal Contractor in accordance with his Occupational Health & Safety Plan that has been integrated with the policies and procedures of Aevum for the Village.

7.0 TRAFFIC MANAGEMENT

The Principal Contractor will be required to engage a consultant having at least 15 years experience in transport or traffic planning or management to prepare a Construction Traffic Management Plan (CTMP). Aevum will consult with the Village Residents about the CTMP prior to the CTMP being submitted to the Principal Certifying Authority as a condition precedent to commencement of work on the Site.

The diagrams referenced in Section 6.2 provide an indication about how construction traffic will be managed during the first two stages of the Project.

8.0 MATERIALS HANDLING

Loading and unloading of materials associated with Stage 1 of the Project will be confined to the Site as shown in the diagrams in Section 6.2.

The Principal Contractor will seek the approval of Ashfield Council for a Work Zones on Queen Street for the purposes of loading and unloading materials associated with Stage 2 of the Project.

9.0 CONSTRUCTION WASTE MANAGEMENT PLAN

Waste arising out of the Building Work will be managed in accordance with Ashfield Municipal Council Development Control Plan 2007, Part D1, Planning for Less Waste, in order to minimise the impact of demolition construction activities on the environment, particularly landfill by maximising reuse and recycling of materials. Demolition and construction waste will be managed in accordance with a Waste Management Plan that takes the form set out in DCP 2007, Part D1 at **Attachment C**. The Waste Management Plan will be prepared by Aevum in consultation with its demolition and construction contractors and submitted to the Principal Certifying Authority prior to demolition and construction of each of the five stages of the Project.

Outlined below are strategies that will be adopted by Aevum and its contractors aimed at minimising the amount of demolition and construction waste being diverted to landfill.

9.1 Demolition

During demolition, buildings will be stripped of their recoverable (reuse) components. Roof tiles will either be recovered and sold, or crushed to be reused as gravel in drainage courses and road bases. Timber from the frames will be recovered and sold or stored for erection of fences and hoardings. Windows, doors, and timber floors will be removed and sold.

Bricks and concrete will be crushed and re-used as coarse aggregate or drainage cells. All metals (aluminium, steel, copper and the like) will be recovered for recycling.

Materials identified as 'Hazardous Materials' by HIBBS & Associates (Appendix U of the CPA) will be treated in accordance with the recommendations of the report.

The selection of the contractors for the removal and treatment of the waste materials for recycling and landfill arising out of construction work cannot be made with certainty until the Principal Contractor has been appointed. The Self Disposal Options, Reuse and Waste Management Centres information available on the Ashfield Council Website will be used as a reference for the purpose of identifying waste disposal centres, and monitoring recycling and reuse arising out of the works.

9.2 Construction

During construction of the new buildings and structures, the minimisation of waste shall be achieved primarily in planning and recycling. Maximising off-site fabrication for structural steelwork, flashings and gutters, concrete beams, glazing and windows will enable economies of off site manufacture and minimises off-cuts and scrap.

Recycled materials will be used for road bases and fill over the Site as necessary. Many recycled materials will be utilised for formwork, fences and hoardings. Many of the materials used in the Building Work will contain recycled and salvaged material. Examples include uPVC in sewer and stormwater drainage, steel in reinforcement, structural steel and roof sheets, copper in pipe work, blast furnace slag and fly ash in concrete.

10.0 DUST AND SEDIMENT CONTROL

Airborne dust and waterborne erosion are to be minimised from dispersing across the Village and the local environment. The measures to be utilised are detailed below.

10.1 Airborne Dust

Airborne dust is to be mitigated from spreading to across the Village and the local environment by wetting down of demolition and excavated areas. Concrete and brick rubble is to be watered down during demolition as well as managed into small pieces and covered when loaded onto trucks and transported off the Building Site. It is likely that excavation will be in wet damp foundations, but where the ground is dry, wetting down of the rubble and spoil is the method to be adopted by which to reduce dust arising out of excavation.

10.2 Water Borne Sedimentation and Soil Erosion

A temporary filter arrangement will be installed at each stormwater drain and downstream of any construction work. The filter arrangement will be in accordance with the detail shown in the Erosion & Sediment Control Plan prepared by Robert Bird Group accompanying the CPA.

11.0 CONSTRUCTION NOISE AND VIBRATION MANAGEMENT

Aevum has commissioned Acoustic Logic Consultancy to prepare a Construction Noise and Vibration Management Plan (CNVMP) that forms Appendix Q of Volume 5 of the CPA. The Principal Contractor will be required to comply and regularly provide evidence to Aevum of compliance with the measures set out in the CNVMP.

In addition to the measures set out in the CNVMP, noise from construction works on Saturdays would be restricted to 10dB(A) above the ambient background noise level in accordance with the Department of Environment and Climate Change Interim Guideline for Construction Noise.

Only work that does not exceed this control would be permitted on Saturdays between 8:00am and 1:00pm. The benefit of adopting this control in order to include Saturdays in the construction programme is a significantly reduced overall construction duration.

12.0 COMMUNITY LIAISON

Aevum values its relationship with the community. For this reason, Aevum will establish a mechanism whereby the community can lodge formal feedback during the course of development of the Site which will enable Aevum to address issues that may be of concern to its neighbours.

Attached in **Appendix D** is a flowchart that sets out the way in which members of the community and Village Residents can contact and lodge complaints with Aevum, and the way in which Aevum will respond to complaints. All complaints will be logged by Aevum in the Complaints Register attached in **Appendix E**. Aevum will aim to address the source of each complaint within two hours of receiving a complaint. A response will be provided to the complainant within one business day of receiving a complaint detailing how it has dealt with the source of the complaint.

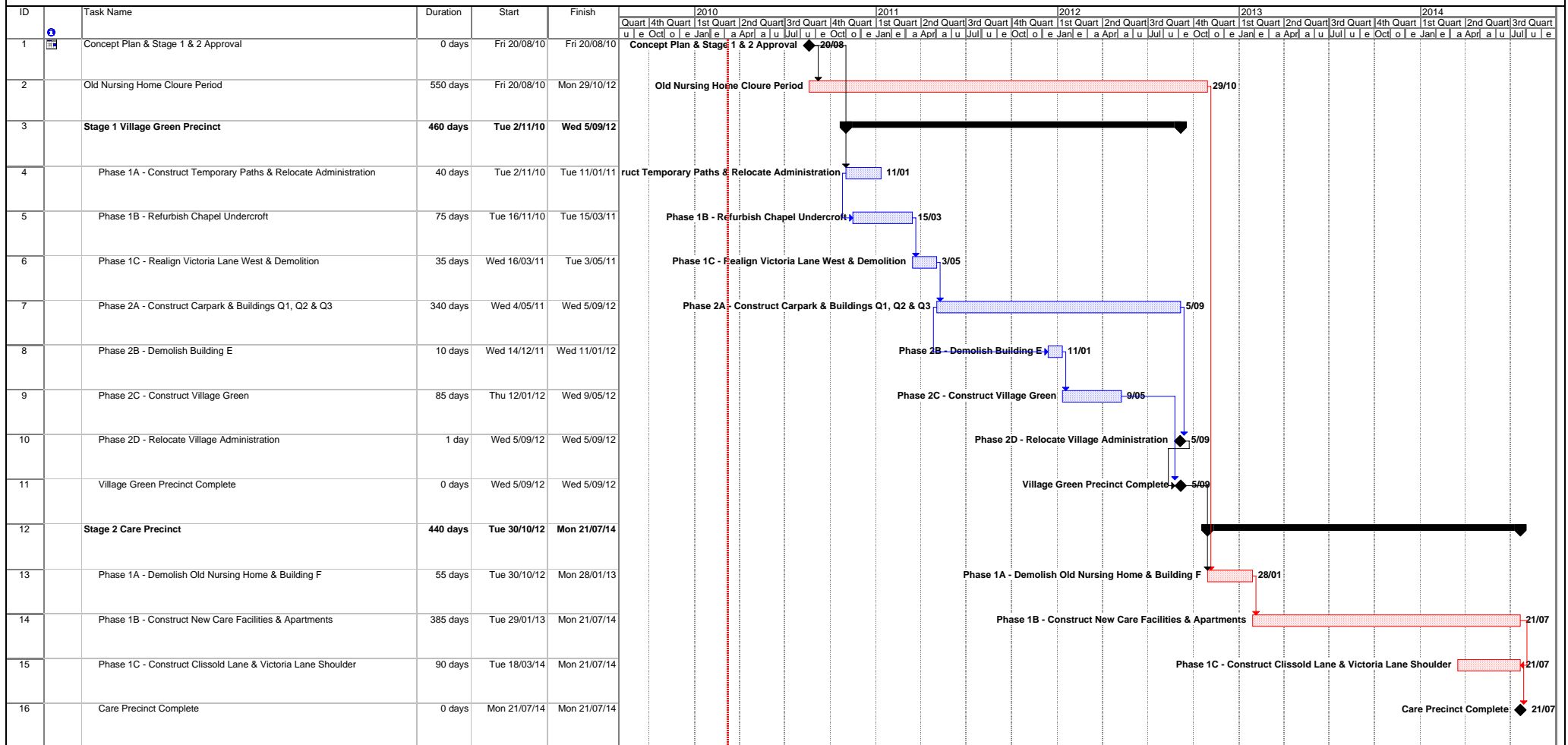
The Complaints Register will be tabled to each meeting of the Aevum Executive Committee.

13.0 APPENDICES

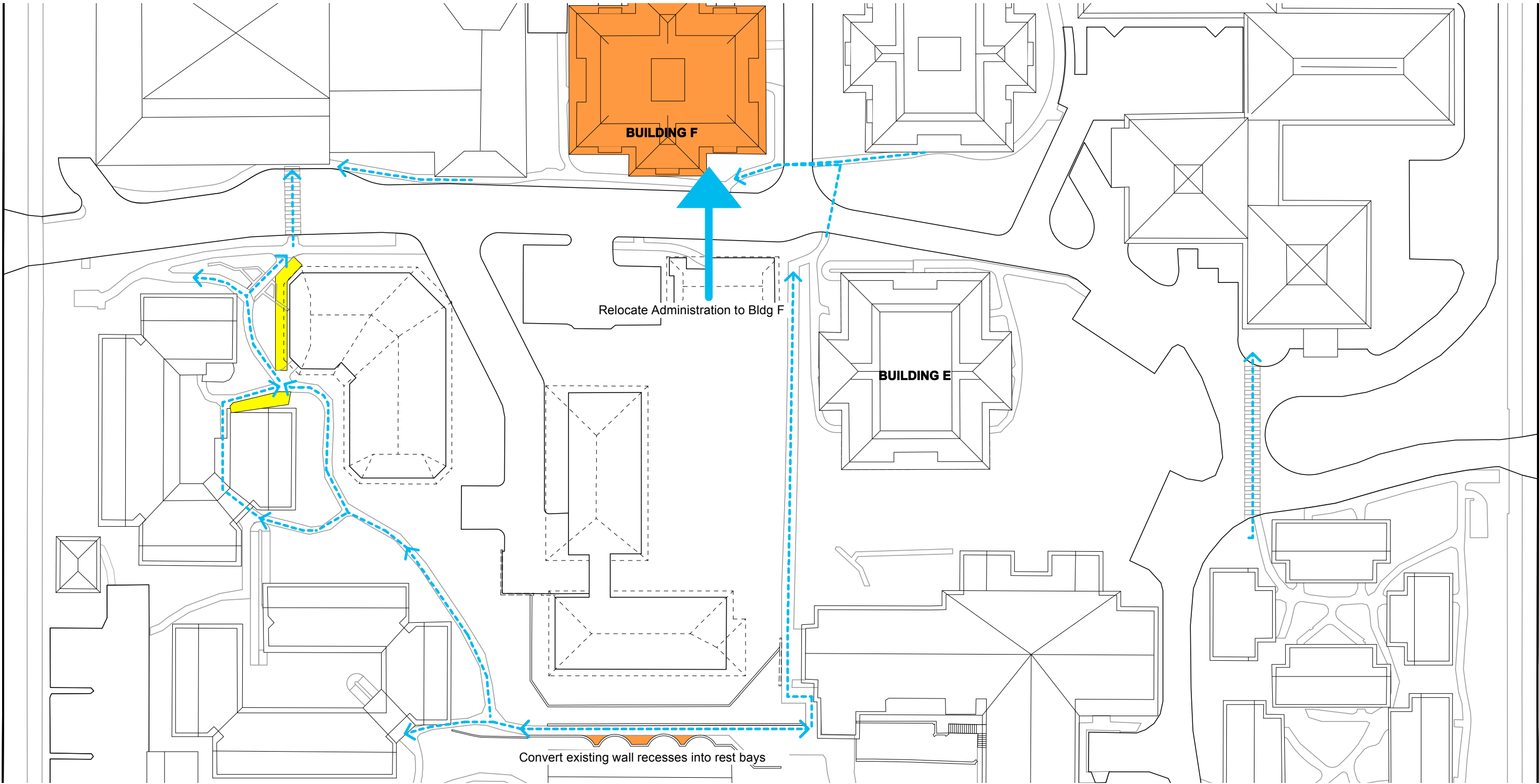
▪ Appendix A	Indicative Project Programme
▪ Appendix B	Detailed Staging Plans
▪ Appendix C	Waste Management Plan
▪ Appendix D	Complaints Management Process
▪ Appendix E	Complaints Management Register

Appendix A – Indicative Project Programme

Aevum - Cardinal Freeman Village Concept Plan Application Indicative Project Programme Dated 5 March 2010



Appendix B – Detailed Staging Plans



- Stage 1 Phase A(1)**
- Construct temporary access
 - Relocate existing administration to Bldg F
 - New rest bays to existing path

NOTE :

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- CONSEQUENTLY THE CONSTRUCTION MANAGEMENT PLAN PHASING DIAGRAMS PROVIDED BY HILL THALIS ARE SUBJECT TO CHANGE DURING THE ONGOING CONSULTATION PROCESS.

Graphic Legend

New Phase - Ground works and relocations

New Phase - Temporary path connecting existing paths and levels

Previous Phase Completed

Temporary Planting/Landscape

Pedestrian access

Accessible Pedestrian access

To Be Relocated

Construction deliveries during Phase B

Direction of traffic (Traffic control required during construction)

Temporary Direction of traffic (Traffic control required during construction)

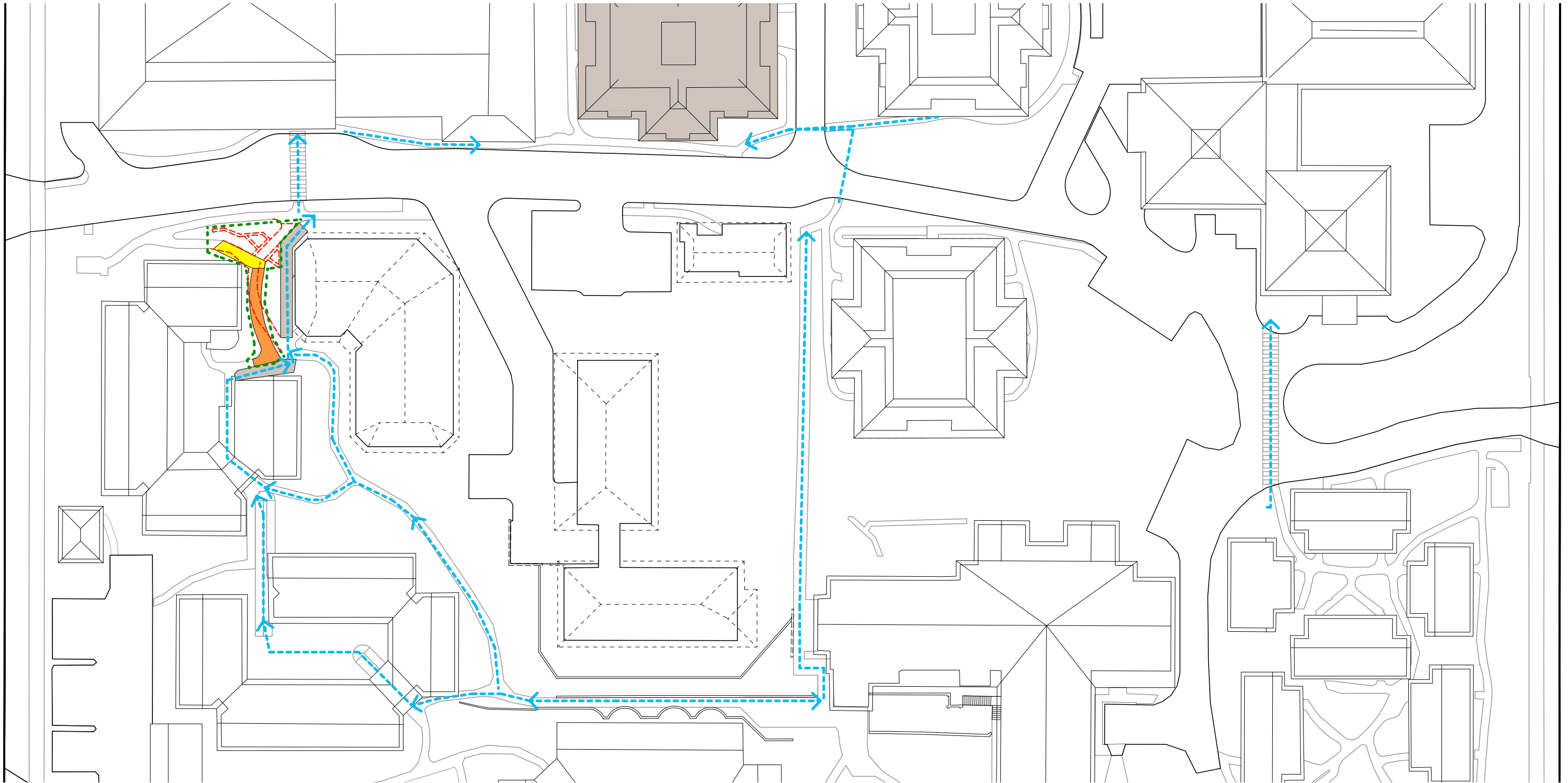
Class A Hoarding

Class B Hoarding (covered walkway open at 1 side, with planting, lighting, signage,view panels)

Fencing/Barricade/Jersey kerbs and the like

To Be Demolished

STAGE 1 APPLICATION PRELIMINARY ONLY NOT FOR CONSTRUCTION		REV.	DATE	AMENDMENTS	STRUCTURAL ENGINEER ROBERT BIRD GROUP Level 5, 9 Castlereagh Street Sydney NSW 2000 T: (02) 9246 3200 F: (02) 9246 3201 E: Paul.Austin@robertbird.com.au	LANDSCAPE ARCHITECTURE JILA PTY LTD STUDIO 5, L5, 68-72 Wentworth Avenue Surry Hills NSW 2010 T: (02) 9212 6957 F: (02) 9281 3171 E: jila@jila.net.au	HERITAGE CONSULTANT GRAHAM BROOKS & ASSOCIATES 71 York Street Surry Hills NSW 2000 T: (02) 9299 8600 F: (02) 9299 8711 E: graham.brooks@gbassociates.com.au	TRAFFIC CONSULTANT MCLAREN TRAFFIC 5 Jabiru Place, Woronora Heights NSW 2233 T: (02) 9545 5161 F: E: mclaren@mcnetmail.com.au	 ARCHITECTURE + URBAN PROJECTS PTY LTD LEVEL 5, 68-72 Wentworth Ave Surry Hills NSW 2010 Australia T: 02 9211 6276 F: 02 9261 3171 E: admin@hillthalis.com.au www.hillthalis.com.au	JOB	DRAWING TITLE									
		A	01/03/10	PRELIMINARY ISSUE	ELECTRICAL ENGINEER JIM HATZ & ASSOCIATES Level 1, 15 Acobson Street St Leonards NSW 2055 T: (02) 9437 1000 F: (02) 9437 1020 E: enquiries@jimhartz.com	SURVEYOR LOCKLEY LAND TITLE SOLUTIONS 19 Mansley Street Gladstoneville NSW 2111 T: (02) 9679 4077 F: (02) 9679 7143 E: info@lockley.com.au	BCA CONSULTANT BCA LOGIC Level 1, 71-73 Archer Street Cherrybrook NSW 2067 T: (02) 9411 5360 F: (02) 9411 1520 E: info@bcalogic.com.au	MECHANICAL ENGINEER ENGINEERING PARTNERS 18 Northwood Road Northwood NSW 2066 T: (02) 9428 4322 F: (02) 9427 2712 E: info@engpart.com.au			DRAWN									
					HYDRAULIC ENGINEER WHIPPS WOOD CONSULTING Level 5, 9 Castlereagh Street Sydney NSW 2000 T: (02) 8923 8444 F: (02) 9246 3201 E: AWhipps@wwc.net.au	CIVIL ENGINEER ROBERT BIRD GROUP Level 5, 9 Castlereagh Street Sydney NSW 2000 T: (02) 9246 3200 F: (02) 9246 3201 E: Laurence.Melville@robertbird.com.au	ACCESS CONSULTANT ACCESS ACCESSIBILITY SOLUTIONS 487 Beauchamp Road Merrimale NSW 2035 T: (02) 9661 1945 F: (02) 9661 1962 E: markref@bigpond.com	ACOUSTIC CONSULTANT ACOUSTIC LOGIC 9 Sarah Street Mascot NSW 2020 T: (02) 8338 9888 F: (02) 8338 8399 E: enquiries@acousticlogic.com.au			CHECKED									
											SCALE									
- Use figured dimensions only. - Do not scale. - Comply with relevant Authorities' requirements - Comply with the Building Code of Australia - Comply with all relevant Australian Standards - All drawings in this document and drawings prepared by Hill Thalís and in any work executed from those documents and drawings shall remain the property of Hill Thalís and/or on creation vest in Hill Thalís										PACKAGE			CONSTRUCTION MANAGEMENT PLAN STAGE 1 PHASING DIAGRAMS			DATE CREATED	DRAWING NO.	REV		
													01.03.10	CMP1.01	A					



Stage 1 Phase A(2)

- Construct part of new path
- Construct temporary access between new path and existing path

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Graphic Legend

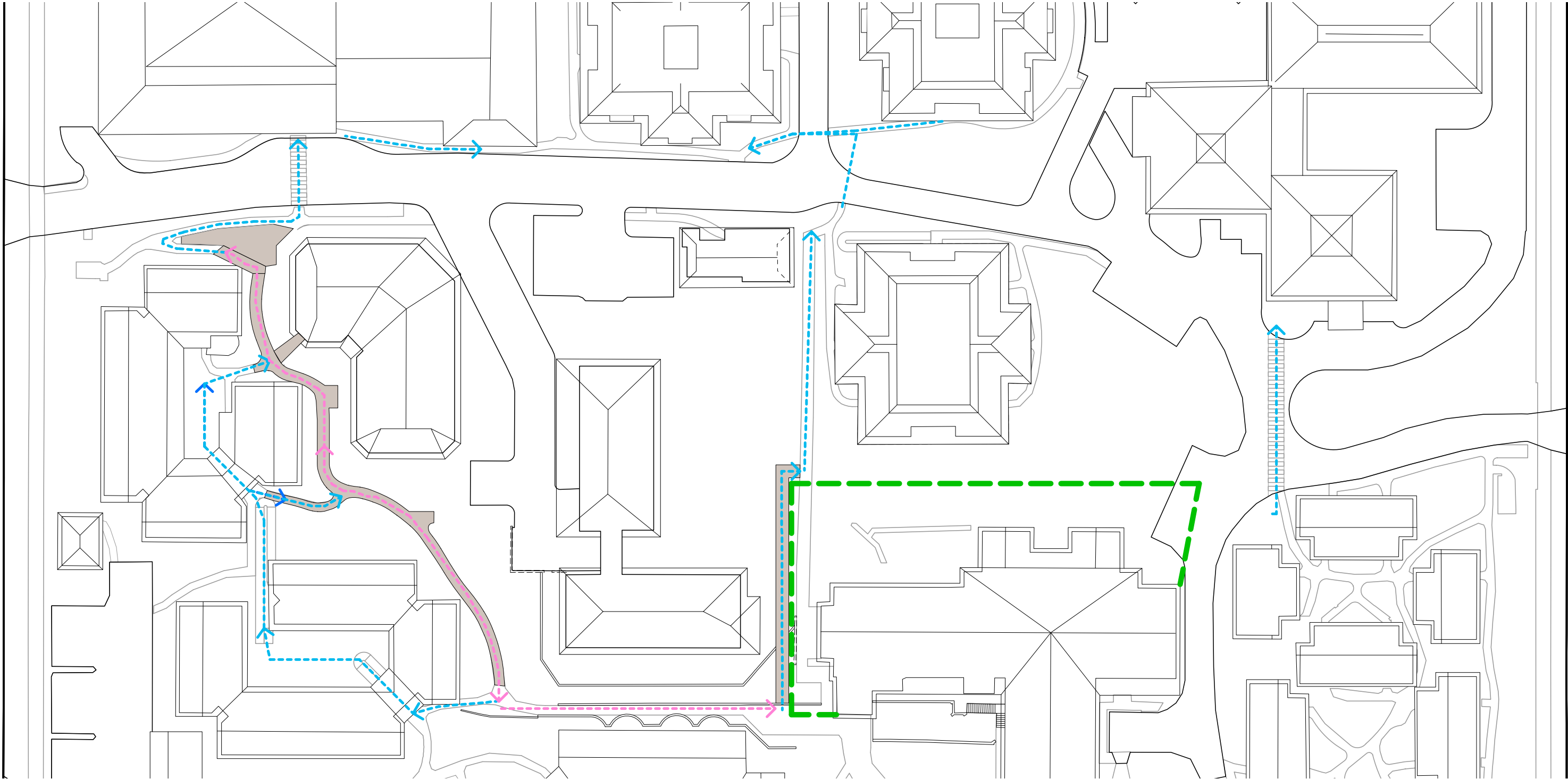
- New Phase - Ground works and relocations
- New Phase - Temporary path connecting existing paths and levels
- Previous Phase Completed
- Temporary Planting/Landscape
- Pedestrian access
- Accessible Pedestrian access
- To Be Relocated
- Construction deliveries during Phase B
- Direction of traffic (Traffic control required during construction)
- Temporary Direction of traffic (Traffic control required during construction)
- Class A Hoarding
- Class B Hoarding (covered walkway open at 1 side, with planting, lighting, signage,view panels)
- Fencing/Barricade/Jersey kerbs and the like
- To Be Demolished

STAGE 1 APPLICATION
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REV.	DATE	AMENDMENTS	STRUCTURAL ENGINEER	LANDSCAPE ARCHITECTURE	HERITAGE CONSULTANT	TRAFFIC CONSULTANT	JOB	DRAWING TITLE		
A	01/03/10	PRELIMINARY ISSUE	ROBERT BIRD GROUP Level 5, 9 Castlereagh Street Sydney NSW 2000 T: (02) 9246 3200 F: (02) 9246 3201 E: Paul.Austin@robertbird.com.au	JILA PTY LTD STUDIO 5, L5, 68-72 Wentworth Avenue Surry Hills NSW 2010 T: (02) 9212 6957 F: (02) 9281 3171 E: jila@jila.net.au	GRAHAM BROOKS & ASSOCIATES 71 York Street Sydney NSW 2000 T: (02) 9299 8600 F: (02) 9299 8711 E: Graham.Brooks@gbaheritage.com	MCLAREN TRAFFIC 5 Jabiru Place Woronora Heights NSW 2233 T: (02) 9545 5161 F: E: mclaren@mcotmail.com.au	 ARCHITECTURE + URBAN PROJECTS PTY LTD LEVEL 5, 68-72 Wentworth Ave Surry Hills NSW 2010 Australia T: (02) 9221 1171 F: (02) 9221 1171 E: admin@hillthalis.com.au www.hillthalis.com.au	Stage 1 Phase A(2)		
			ELECTRICAL ENGINEER JIM HATZ & ASSOCIATES Level 1, 15 Acobson Street St Leonards NSW 2065 T: (02) 9437 1000 F: (02) 9437 1020 E: enquiries@jimhartz.com	SURVEYOR LOCKLEY LAND TITLE SOLUTIONS 11 Mansley Street Gladstoneville NSW 2111 T: (02) 9679 6077 F: (02) 9679 7143 E: info@lockley.com.au	BCA CONSULTANT BCA LOGIC Level 1, 71-73 Archer Street Cherrybrook NSW 2067 T: (02) 9411 5360 F: (02) 9411 1520 E: info@bcalogic.com.au	MECHANICAL ENGINEER ENGINEERING PARTNERS 18 Northwood Road Northwood NSW 2066 T: (02) 9428 4322 F: (02) 9427 2712 E: info@engpart.com.au	 ARCHITECTURE + URBAN PROJECTS PTY LTD LEVEL 5, 68-72 Wentworth Ave Surry Hills NSW 2010 Australia T: (02) 9221 1171 F: (02) 9221 1171 E: admin@hillthalis.com.au www.hillthalis.com.au	DRAWN BS	CHECKED PT	SCALE NTS
			HYDRAULIC ENGINEER WHIPPS WOOD CONSULTING Level Gnd, 48 Alfred Street Miltons Point NSW 2081 T: (02) 8923 8444 F: (02) 8246 3201 E: AWhipps@wwc.net.au	CIVIL ENGINEER ROBERT BIRD GROUP Level Gnd, 48 Alfred Street Sydney NSW 2000 T: (02) 9246 3200 F: (02) 9246 3201 E: Laurence.Melville@robertbird.com.au	ACCESS CONSULTANT ACCESS ACCESSIBILITY SOLUTIONS Level 5, 9 Castlereagh Street 487 Beauchamp Road Marrara NSW 2205 T: (02) 9661 1945 F: (02) 9661 1982 E: markref@bigpond.com	ACOUSTIC CONSULTANT ACOUSTIC LOGIC 9 Sarah Street Mascot NSW 2020 T: (02) 8338 9888 F: (02) 8338 8399 E: enquiries@acousticlogic.com.au	CLIENT  e pm CONSTRUCTION MANAGEMENT PLAN STAGE 1 PHASING DIAGRAMS	DATE CREATED 01.03.10	DRAWING NO. CMP1.02	REV A



- Stage 1 Phase A(5)**
- Complete hoarding for Phase B operational
 - Temporary access adjacent to Chapel

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