

Project Approval

Section 75J of the *Environmental Planning & Assessment Act 1979*

As delegate of the Minister for Planning and Infrastructure under delegation effective from 1 October 2011, the Planning Assessment Commission of NSW approve the project application referred to in Schedule 1, subject to the conditions in Schedule 2 and Statement of Commitments in Schedule 3.

Member of the Commission

Member of the Commission

Member of the Commission

Sydney

2012

SCHEDULE 1

Application No.:

MP 10_0150

Proponent:

Sydney Church of England Grammar School (Shore)

Approval Authority:

Minister for Planning and Infrastructure

Land:

Sydney Church of England Grammar School Campus and Graythwaite site, Edward Street, Union Street, William Street and Hunter Crescent, North Sydney

Project:

Stage 1 of the extension of Shore school campus onto the Graythwaite site, including:

- use of the Graythwaite site and buildings as an educational establishment, being an extension to the adjoining Shore school campus
- conservation and refurbishment of Graythwaite House, the Coach House, Tom O'Neill Centre and associated garden area
- minor demolition works
- drainage and stormwater improvements, site levelling and landscaping (particularly on the middle and lower terraces) including tree retention, removal and transplantation
- use of the Graythwaite middle and lower terraces as a play and educational space
- transport, traffic, parking and access improvements to the Graythwaite site and existing Shore school campus
- miscellaneous works including site fencing and lighting (to Graythwaite House and the driveway)
- landscape works along the western side boundary adjoining properties that have an interface with the West Building (west building part of stage 3)
- no increase in student or staff population.

TABLE OF CONTENTS

DEFINITIONS	3
CONDITIONS OF APPROVAL	4
PART A - ADMINISTRATIVE CONDITIONS	4
Development Description	4
Development in Accordance with Plans and Documentation	4
Inconsistency between Documents and Plans	4
Lapsing of Approval	4
Demolition	4
Development Expenses	4
PART B – PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE	5
Construction Certificates	5
Construction Management Plan	5
Heritage Conservation	5
Stormwater Plan	5
Access and Movement	5
Disabled Access	6
Long Service Levy	6
Reflectivity	6
Sydney Water – Notice of Requirements	6
BCA Upgrades	6
Vegetation Management Plan	6
PART C – PRIOR TO CONSTRUCTION	7
Notice to be given Prior to Commencement / Excavation	7
Outdoor Lighting	7
Barricade Permit	7
Road / Asset Opening Permit	7
Vehicle Cleansing	7
Utility Services	7
Contact Telephone Number	7
Haulage Routes	7
Dilapidation Report	7
Photographic Survey	7
PART D – DURING CONSTRUCTION	8
Hours of Work	8
Site Notice	8
Protection of Trees – Street Trees	8
Protection of Trees – Trees on Site	8
Noise Control	8
Standards and Codes	8
Work Cover Requirements	8
Loading and Unloading During Construction	8
No Obstructing of Public Way	8
Disposal of Seepage and Stormwater	9
Erosion and Sediment Control	9
Dust Control Measures	9
Pedestrian Access During Construction	9
Directional Signage	9
Traffic Movement	9
Approved Plans to be on-site	9
Works to Cease on site - Archaeology	9
Excavated Material	9
Imported Fill	9
PART E – PRIOR TO ISSUE OF OCCUPATION CERTIFICATE / PRIOR TO OPERATIONS	10
Fire Safety Certificate	10
Structural Inspection Certificate	10
Road Damage	10
Waste Management	10
Vegetation and Landscaping	10
Heritage Conservation of Graythwaite House	10
PART F – POST OCUPATION	11
Annual Fire Safety Certificate	11
Noise Control – Plant and Machinery	11
Loading and Unloading	11

Unobstructed Driveways and Parking Areas	11
ADVISORY NOTES	12
Use of Mobile Cranes	12
Movement of Trucks Transporting Waste Material	12
Disability Discrimination Act	12
Temporary Structures	12
Structural Capability for Existing Structures	12
Commonwealth EPBC Act 1999	12
STATEMENT OF COMMITMENTS	13

DEFINITIONS

Advisory Notes	Advisory information relating to the approved project but do not form a part of this approval
BCA	Building Code of Australia
Concept Plan	Refer to the Graythwaite Concept Plan (MP10_0149)
Construction	Any works, including earth and building works
Council	North Sydney Council
Department	Department of Planning and Infrastructure or its successors
Director-General	Director-General of the Department of Planning and Infrastructure, or nominee
EA	Environmental Assessment titled "Revised Environmental Assessment Report (Volumes 1A, 1B, 2 and 3) Concept Plan (MP10_0149) and Project Application (MP10_0150), Extension of Shore School onto the Graythwaite site at 20 Edward Street, North Sydney", and Appendices prepared by Robinson Urban Planning Pty Ltd
EP&A Act	Environmental Planning and Assessment Act 1979
EP&A Regulation	Environmental Planning and Assessment Regulation 2000
Incident	A set of circumstances that causes or threatens to cause material harm to the environment, and/or breaches or exceeds the limits or performance measures/criteria in this approval
Major Development SEPP	State Environmental Planning Policy (Major Development) 2005
Minister	Minister for Planning and Infrastructure, or nominee
PPR	Preferred Project Report titled "Preferred Project Report and Statement of Commitments" and Appendices prepared by Robinson Urban Planning Pty Ltd
Proponent	Sydney Church of England Grammar School (Shore)
Reasonable and Feasible	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements. Feasible relates to engineering considerations and what is practical to build
Stage 1	Refer to the Graythwaite Stage 1 Project Application as identified in schedule 1
Statement of Commitments	The Proponent's Statement of Commitments in Schedule 3
Subject Site	Sydney Church of England Grammar School and Graythwaite site, Edward Street, Union Street, William Street and Hunter Crescent, North Sydney.

SCHEDULE 2

CONDITIONS OF APPROVAL

PART A - ADMINISTRATIVE CONDITIONS

Development Description

- A1. Except as amended by the conditions of this approval, approval is granted only to carrying out the development as described in Schedule 1, and development must be carried out consistently with the conditions in Schedule 2 and the Statement of Commitments in Schedule 3.

Development in Accordance with Plans and Documentation

- A2. The development will be undertaken in accordance with the following plans and documentation:
- (a) Environmental Assessment titled *Revised Environmental Assessment Report (Volumes 1A, 1B, 2 and 3) Concept Plan (MP10_0149) & Project Application (MP10_0150), Extension of Shore School onto the Graythwaite site at 20 Edward Street, North Sydney*, and Appendices prepared by Robinson Urban Planning Pty Ltd, dated 28 October 2011
 - (b) Preferred Project Report titled *Preferred Project Report and Statement of Commitments, Extension of Shore School onto the Graythwaite site at 20 Edward Street, North Sydney*, and Appendices prepared by Robinson Urban Planning Pty Ltd, dated March 2012
 - (c) The following plans:

Architectural (or Design) Drawings prepared Tanner Architects			
Drawing No.	Revision	Name of Plan	Date
AR.DA.0001	B	Cover & Location Plan	21 / 09 / 2011
AR.DA.0002	B	Site Plan	21 / 09 / 2011
AR.DA.0003	B	Graythwaite House – Demolition Basement and Ground Floors	21 / 09 / 2011
AR.DA.1001	B	Graythwaite House Basement and Ground Floor Plans	21 / 09 / 2011
AR.DA.1002	B	Graythwaite House First and Attic Floor Plans	21 / 09 / 2011
AR.DA.1003	B	Graythwaite House Roof Plan	21 / 09 / 2011
AR.DA.2001	B	Graythwaite House Elevations	21 / 09 / 2011
AR.DA.2002	B	Graythwaite House Sections	21 / 09 / 2011
AR.DA.2003	B	Graythwaite House Elevations	21 / 09 / 2011
AR.DA.3001	B	Coach House – Proposed Plans, Sections and Elevations	21 / 09 / 2011
AR.DA.4001	B	Tom O'Neill Centre – Proposed Plans and Elevations	21 / 09 / 2011
AR.DA.5001	B	Proposed Front Fence	21 / 09 / 2011
Landscape (or Design) Drawings prepared by Taylor Brammer			
Drawing No.	Revision	Name of Plan	Date
LT.003	D	Tree Removal and Retention Plan	18 / 10 / 2011
LT.004	C	Existing Tree Schedule – Heritage Significance & Action	18 / 10 / 2011
LT.005	C	Landscape Hardworks	16 / 09 / 2011
LT.006	C	Landscape Softworks	16 / 09 / 2011
LT.007	C	Landscape Tree Plan	16 / 09 / 2011
LT.008	C	Landscape Lighting Plan	16 / 09 / 2011
LT.009	A	Landscape Details	24 / 11 / 2010
LT.0010	B	Early Works Planting	17 / 10 / 2011
LT.0011	B	Early Works Landscape Details	17 / 10 / 2011

- (d) Any modifications which are 'Exempt and Complying Development' as identified in State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 or as may be necessary for the purpose of compliance with the BCA and any Australian Standards incorporated in the BCA.
- (e) Otherwise provided by the conditions of this approval.

Inconsistency between Documents and Plans

- A3. In the event of any inconsistency between conditions of this approval and the documents and plans referred to above, including the proponent's Statement of Commitments in Schedule 3, the conditions of this approval prevail.

Lapsing of Approval

- A4. This approval shall lapse 5 years after the date of this approval, unless construction works authorised by this project approval has physically commenced, on or before that lapse date.

Demolition

- A5. The proponent shall ensure that all demolition work is carried out in accordance with Australian Standard AS2601 2001: The Demolition of Structures, or its latest version.

Development Expenses

- A6. It is the responsibility of the developer to meet all expenses incurred in undertaking the development, including expense incurred in complying with the conditions imposed under this approval.

PART B – PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE

Construction Certificates

- B1. Stamped drawings must be lodged with the Certifying Authority (North Sydney Council, or a private certifier) for a Construction Certificate. The proponent must supply the council and the Department of Planning & Infrastructure with a copy of the Construction Certificate within two days from the date of its issue.

Note: Conditions below that refer to actions "prior to issue of a construction certificate" may be read as prior to issue of a construction certificate for the relevant stage, unless otherwise indicated as to be satisfied prior to issue of the first construction certificate.

Construction Management Plan

- B2. Prior to the issue of a Construction Certificate, a Construction Management Plan (CMP) shall be prepared. A copy of the CMP is to be sent to the department and to the council. The CMP shall include, but not be limited to, the following matters which are to be addressed by suitably qualified person(s):
- (a) **Hours of work**, which must be in accordance with the conditions of this approval;
 - (b) **Contact details** of the site manager and all principal contractors;
 - (c) **Traffic management**, which is to be developed in consultation with council and is to include:
 - (i) ingress and egress of vehicles to the site;
 - (ii) management of loading and unloading of materials;
 - (iii) number and frequency of vehicles accessing the site;
 - (iv) the times vehicles are likely to be accessing the site; and
 - (v) management of existing vehicular, pedestrian and bicycle movements / routes around the site throughout the various stages of construction;
 - (d) **Erosion and sediment control**, identifying appropriate measures to be installed during construction which shall be designed in accordance with in accordance with the document Managing Urban Stormwater – Soils & Construction Volume 1 (2004) by Landcom; and must include:
 - (vi) The procedures by which stormwater and waste water deposited or generated on site is to be collected and treated prior to discharge including details of any proposed pollution control device; and
 - (vii) The procedures to be adopted for the prevention of run-off of loose material and litter from the site onto the public way.
 - (e) **Noise and vibration management**, identifying specific activities that will be carried out and associated noise sources, identify all potentially affected sensitive receivers, noise and vibration monitoring reporting and response procedures, description of specific mitigation treatments management measures and procedures to be implemented, and address any other relevant provisions of Australian Standard 2436-1981 *Guide to Noise Control on Construction, Maintenance and Demolition Sites* and DECCW's *Interim Construction Noise Guideline*;
 - (f) **Waste management**, identifying options for minimising waste in construction; reuse and recycling of materials; the storage, control and removal of construction waste.
 - (g) **Dust control** measures to be implemented to prevent the movement of airborne particles from the site throughout the construction process, and the tracking of material from the site by trucks and other vehicles. This is to include the appropriate use of physical barriers and the dampening of exposed excavated surfaces. The storage and stockpiling areas for material is also to be detailed.

Heritage Conservation

- B10. All works in the stage 1 project application are to be in accordance with the policies of the endorsed Conservation Management Plan. Additionally, prior to the issue of a Construction Certificate, the proponent is to engage a suitably qualified heritage expert to certify that the interiors of Graythwaite House of exceptional significance will be conserved (restored/reconstructed) in accordance with Policy 31 of the endorsed Conservation Management Plan. A copy of this certification is to be sent to the department and to the Heritage Council of NSW.

Stormwater Plan

- B3. Prior to the issue of a Construction Certificate, the proponent is to prepare and submit a detailed stormwater management plan to the satisfaction of the Certifying Authority. The stormwater management shall be designed by a chartered civil engineer and constructed in accordance with the following requirements:
- (a) The piped stormwater drainage shall be designed and constructed for a minimum average recurrence interval of 1 in 20 years
 - (b) The stormwater drainage system shall prevent stormwater egress into adjacent properties through the provision of surface and subsurface drainage interception measures
 - (c) The provision of subsurface drains are to avoid interception of existing deep ground water flows
 - (d) The stormwater drainage system is to incorporate provisions for a groundwater infiltration drain immediately to the west of the stage 3 West Building. The groundwater infiltration drain is to provide for the reintroduction of groundwater in this location, whilst also ensuring the drainage system does not impact on adjoining properties in Bank Street.

Access and Movement

- B4. An Access and Safety Plan will be prepared to maintain access and use of the site during the construction of the building to ensure the safety of staff, visitors and the public.

Disabled Access

- B5. Access and facilities for people with disabilities shall be provided in accordance with Part D3 of the BCA's Access Policy.

Long Service Levy

- B6. Prior to the issue of a Construction Certificate, evidence of the payment of the long service levy under section 34 of the Building and Construction Industry Long Service Payment Act 1986 must be provided to the Certifying Authority (or, where such a levy is payable by instalments, the first instalment of the levy).

Reflectivity

- B7. The light reflectivity from any building materials used on the facades of buildings within the site shall not exceed 20% and shall be designed so as not to result in glare that causes any nuisance or interference to any person or place. A report demonstrating compliance with these requirements is to be submitted to the satisfaction of the Certifying Authority prior to the issue of a Construction Certificate.

Sydney Water – Notice of Requirements

- B8. An application shall be made to Sydney Water for a Certificate under Part 6, Division 9, Section 73 of the Sydney Water Act 1994 (compliance Certificate) prior to the issue of a Construction Certificate.

Application must be made through an authorised Water Servicing Coordinator. Please refer to the "Your Business" section of the web site www.sydneywater.com.au then follow the "e_Developer" icon or telephone 13 20 92 for assistance.

Following application a "Notice of Requirements" will advise of water and sewer extensions to be built and changes to be paid. Please make early contact with the Coordinator, since building of water/sewer extensions can be time consuming and may impact on other services and building, driveways or landscape design.

BCA Upgrades

- B9. Prior to the issue of a Construction Certificate, the proponent is to engage a suitably qualified heritage architect to work with a BCA consultant and fire engineer to resolve the detailed design of existing heritage buildings to be refurbished (Graythwaite House, the Coach House and Tom O'Neill Centre) to ensure the buildings are upgraded in accordance with the fire and life safety provisions of the current version of the BCA. Fire safety and BCA upgrade works and the installation of new services should have the least impact on significant fabric and be undertaken in a manner consistent with the policies of the endorsed Graythwaite Conservation Management Plan. In particular, the following matters are to be resolved:
- (a) All balustrades (including the balustrades on the first level verandah of Graythwaite House and the Widows Walk) are to be based on historical evidence. Where BCA compliance is not achieved, the heritage architect and BCA consultant shall modify the design to achieve a performance solution.
 - (b) Should the smoke hazard management system result in a non-compliance with the requirements of the BCA or AS 1670.1-2005, then justification by the fire engineer is to be provided.
 - (c) The fire panel is to be located away from the primary façades of Graythwaite House (the southern and eastern facades) to ensure it does not detract from the historic character of the building from these primary facades.
 - (d) Fire hydrant(s) are to be located in a box and labelled in a contrasted colour and located sympathetically within the landscape. The fire board is to be located and painted to be sympathetic to the historic character of the building.
 - (e) All building and fire regulation notices, signs, emergency lighting are to be sympathetic to the historic character of the building, and where possible, use traditional materials.
 - (f) All hose reels and fire extinguishers are to be enclosed, coloured in a contrasting colour and labelled
 - (g) Alternative fire solution is to be designed such that the original victorian round handles and timber doors are to be retained and cupboards under staircase are retained (subject to justification by the fire engineer).
 - (h) The location of air conditioning and / or heating, including any condenser units, ductwork and registers are to be sympathetic to the historic character of the building.

Vegetation Management Plan

- B9. Prior to the issue of a Construction Certificate, the proponent is to prepare and submit a Vegetation Management Plan (VMP) to the satisfaction of the Director-General. The VMP shall be prepared by a qualified ecologist and heritage landscape architect and is to supplement the vegetation management details provided in the Landscape Design Report by Taylor Brammer dated October 2011. The VMP shall be implemented as part of the approved landscaping works and maintained as part of the ongoing landscaping management of the site. The VMP shall address the following ongoing vegetation management matters:
- (a) weed control measures, including the use of pesticide and herbicides and physical hand removal.
 - (b) the ongoing management of all significant trees to be retained, in particular, existing Morton Bay Figs along the western boundary of the Graythwaite site and the additional vegetation and landscape works along the western side boundary adjoining properties that have an interface with the future West Building.
 - (c) details of the on-going maintenance, monitoring and reporting measures.

PART C – PRIOR TO CONSTRUCTION

Notice to be given Prior to Commencement / Excavation

- C1. Prior to the commencement of works:
- (a) The Certifying Authority and council shall be given written notice, at least 48 hours prior to the commencement of minor demolition, excavation, shoring or underpinning works on site for each stage of the project.
 - (b) The Certifying Authority is to be given a minimum of 48 hours notice prior to any critical stage inspection or any other inspection nominated by the Certifying Authority via the notice under Section 81A of the *Environmental Planning and Assessment Act 1979*.

Outdoor Lighting

- C2. All outdoor lighting shall comply with, where relevant, AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting and AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting. Details demonstrating compliance with these requirements are to be submitted to the satisfaction of the Certifying Authority prior to the issue of a Construction Certificate.

Barricade Permit

- C3. Where construction/building works require the use of a public place including a road or footpath, approval for a Permit is to be obtained from council prior to the commencement of work. Details of the barricade construction, area of enclosure and period of work are required to be submitted to the satisfaction of council.

Road / Asset Opening Permit

- C4. A Road / Asset Opening Permit must be obtained from the relevant Roads Authority, if required, prior to carrying out any works within or upon a road, footpath, nature strip or in any public place, in accordance with section 138 of the Roads Act 1993, and all of the conditions and requirements contained in the Road / Asset Opening Permit must be complied with.

Vehicle Cleansing

- C5. Prior to the commencement of work, suitable measures are to be implemented to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site. It is an offence to allow, permit or cause materials to pollute or be placed in a position from which they may pollute waters.

Utility Services

- C6. Prior to the commencement of work the proponent is to negotiate with the utility authorities (e.g. Energy Australia, Sydney Water Corporation Limited and Telecommunications Carriers) in connection with the relocation and / or adjustment of the services affected by the construction of the underground structure. Any costs in the relocation, adjustment or support of services are to be the responsibility of the proponent.

Any necessary alterations to public utility installations being at the proponent's/demolisher's expense and to the requirements of both council and the appropriate authorities.

Where possible, all services shall be provided underground.

Contact Telephone Number

- C7. The proponent shall ensure that a 24 hour contact telephone number is continually attended by a person with authority over the works for the duration of the development. The contact number shall be forwarded to council and the department prior to commencement of works.

Haulage Routes

- C8. The routes for import of any fill materials or export of any spoil being submitted to and agreed to by the relevant road authorities prior to the commencement of haulage, if required. Unacceptable deterioration or failures within public roads attributable to these operations are to be restored to the requirements of, and at no cost to the road authorities.

Dilapidation Report

- C9. A dilapidation survey of council's assets and adjoining property including photographs and written record must be prepared and submitted to council and adjoining properties prior to the commencement of works. Failure to identify any damage to council's assets and the adjoining properties will render the proponent liable for the costs associated with any necessary repairs.

Photographic Survey

- C10. A black and white photographic survey of the Graythwaite site is to be submitted to council prior to commencement of works. The black and white photographic survey is to be in accordance with the guidelines of the Heritage Council of NSW for archival purposes.

PART D – DURING CONSTRUCTION

Hours of Work

- D1. The hours of excavation and work on the development must be as follows:
- (a) All minor demolition, excavation and construction work and activities in the vicinity of the site generating noise associated with preparation for the commencement of work (e.g. loading and unloading of goods, transferring of tools) in connection with the approved development must only be carried out between the hours of:
 - **7.00am and 6.00pm Mondays to Fridays**
 - **8.00am and 1.00pm on Saturdays**
 - **No work must be carried out on Sundays or public holidays**
 - (b) Works may be undertaken outside these hours where
 - the delivery of materials is required outside these hours by the Police or other authorities
 - it is required in an emergency to avoid the loss of life, damage to property and/or to prevent environmental harm
 - the work is approved by the Director General or his nominee

Site Notice

- D2. A site notice(s) shall be prominently displayed at the boundaries of the site for the purposes of informing the public of project details including, but not limited to:
- (a) Details of the Builder, Certifying Authority and Structural Engineer for all stages of the project;
 - (b) The approved hours of work;
 - (c) 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 are to be displayed on the site notice; and
 - (d) To state that unauthorised entry to the site is not permitted.

Protection of Trees – Street Trees

- D3. All street trees shall be protected at all times during construction. Any tree on the footpath, which is damaged or removed during construction of any stage of the project, shall be replaced, to the satisfaction of council.

Protection of Trees – Trees on Site

- D4. (a) All trees identified for retention in the Tree Removal and Retention Plan shall be protected at all times during construction. Any tree that is damaged and is required to be removed and / or replaced during construction shall be approved by council.
- (b) Tree planting shall be undertaken in accordance with the approved landscape plan
- (c) Tree removal and relocation shall be in accordance with the Tree Removal and Retention Plan and shall be undertaken or supervised by a qualified Arborist or Horticulturalist (minimum AQF Level 4). Any changes to the planting schedule shall be endorsed by council.

Noise Control

- D5. (a) All work, including minor demolition, excavation and construction work must comply with the Australian Standard 2436-1981 'Guide to Noise Control on Construction, Maintenance and Demolition Sites'.
- (b) Noise and vibration emissions from equipment and associated site works must not result in damage to nearby premises or result in an unreasonable loss of amenity to nearby residents or businesses and the relevant provisions of the Protection of the Environment Operations Act 1997 must be satisfied at all times.

Standards and Codes

- D6. All building works shall be constructed in accordance with safe work practices and complying with the relevant Australian Standards, Codes of Practice and the Building Code of Australia.

Work Cover Requirements

- D7. To protect the safety of work personnel and the public, the work site shall be adequately secured to prevent access by unauthorised personnel, and work shall be conducted at all times in accordance with relevant Work Cover requirements

Loading and Unloading During Construction

- D8. A Works Zone is required if loading and unloading is not possible on site. If a Works Zone is warranted an application must be made to council prior to commencement of the work on the site. An approval for a Works Zone may be given for a specific period and certain hours of the day to meet the particular need for the site for such facilities at various stages of construction. The approval will be reviewed periodically for any adjustment necessitated by the progress of the construction activities.

No Obstructing of Public Way

- D9. The public way (outside of the work area) must not be obstructed by any materials, vehicles, skips or the like, under any circumstances. Non-compliance with this requirement will result in the issue of a notice by the relevant Authority to stop all work on site.

Disposal of Seepage and Stormwater

D10. Any seepage or rainwater collected on-site during excavation shall not be pumped to the street stormwater system unless separate prior approval is given in writing by the relevant Authority

Erosion and Sediment Control

D11. Sediment controls are to be in place for the duration of the works to ensure that no sediment, fines, and like material can enter the waterway or drainage system. The proponent is to carry out works generally in accordance with the Construction Management Plan and controls are to be maintained at design level throughout the duration of the works and are to be inspected for this purpose at frequent intervals. Any deficiencies are to be immediately made good

Dust Control Measures

D12. Dust control measures are to be in place or are to be undertaken for the duration of the works to prevent dust from affecting the amenity of the immediate area during construction. The proponent is to carry out works generally in accordance with the Construction Management Plan, and controls are to be maintained at design level throughout the duration of the works and are to be inspected for this purpose at frequent intervals. Any deficiencies are to be immediately made good.

Pedestrian Access During Construction

D13. Pedestrian access along Union Street or Edward Street is to be maintained throughout construction. Alternative routes, including those for persons with disabilities, shall be clearly identified and signposted for the duration of the works, and until such time as the permanent accessible paths are provided.

Directional Signage

- D14. (a) Directional signage shall be modified as required to accommodate any altered pedestrian and vehicular movements within the area.
- (b) Particular attention is to be paid to:
- wheelchair accessible paths of travel
 - safe road crossing areas including signalised and other designated crossings
 - key landmarks
 - access to transport nodes including public transport
 - the vehicular entrance and exit driveways and the direction of traffic movement within the site being clearly indicated by means of reflectorised signs and pavement markings.

Traffic Movement

- D15. (a) All loading and unloading associated with works must occur on site.
- (b) All vehicles must enter and leave the site in a forward direction.
- (c) The cost of all traffic management works shall be borne by the proponent.
- (d) No trucks associated with the approved works are permitted to park or stand on public roadways.
- (e) Gates shall be closed between vehicle movements.
- (f) Movement of trucks to and from the site shall be staggered so as to limit access and egress during peak traffic periods.
- (g) The Contractor shall make provision for safe, continuous movement of traffic and pedestrians in public roads and private roads accessible to the public and erecting traffic warning signs conforming to the Roads and Traffic Authority's General Specifications (RTA Spec. Part G10 "Control of Traffic" and RTA Spec. 3355). Traffic control is to be carried out only by flagmen with certification that they have been trained in accordance with Australian Standard 1742.3 – 2002.

Approved Plans to be on-site

D16. A copy of the approved and certified plans, specifications and documents incorporating conditions of approval shall be kept on the site at all times and shall be readily available for perusal by any officer of the department or council.

Works to Cease on site - Archaeology

- D17. (a) If any unidentified historical archaeological remains or deposits are exposed during the works excavation is to cease immediately in the affected areas and the archaeologist is to undertake an evaluation of the potential extent and significance of such relics. The Heritage Council of NSW is to be notified in accordance with section 146 of the *NSW Heritage Act, 1977*
- (b) Should any Aboriginal relics or artefacts be discovered during the course of any works on-site, then work is to cease immediately. Work may only be resumed following written consent being obtained from the National Parks and Wildlife Service.

Excavated Material

D18. Any excavated material to be removed from the site must be assessed, classified, transported and disposed of in accordance with the *EPA's Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes*.

Imported Fill

D19. Any imported fill onto the site being validated to ensure its suitability for the proposed land use from a contamination perspective. Imported fill is to be certified that it is not contaminated, based upon analysis or the known past history of the site from which it is obtained.

PART E – PRIOR TO ISSUE OF OCCUPATION CERTIFICATE / PRIOR TO OPERATIONS

Noise Control – Plant and Machinery

- E1. Prior to the issue of an Occupation Certificate for the building a report is to be prepared by a qualified acoustic engineer and submitted to the Certifying Authority confirming that the installation and performance of the mechanical systems complies with:
- (a) The noise emission assessment (Part 6) of the acoustic report included in the EA (Acoustic Logic, Document Reference: 2010716/0209A/R1/GC)
 - (b) the Building Code of Australia
 - (c) Australian Standard AS1668 and other relevant codes
 - (d) the project approval and any relevant modifications
 - (e) any dispensation granted by the New South Wales Fire Brigade.

Fire Safety Certificate

- E2. A Fire Safety Certificate shall be furnished to the Certifying Authority for all the Essential Fire or Other Safety Measures forming part of this approval prior to issue of the Occupation Certificate for the building. A copy of the Fire Safety certificate must be submitted to the relevant authority and council.

Structural Inspection Certificate

- E3. A Structural Inspection Certificate or a Compliance Certificate for any structural work is to be submitted to the satisfaction of the Certifying Authority prior to issue of the Occupation Certificate.

Road Damage

- E4. 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, is to be met in full by the proponent prior to the issue of the Occupation Certificate for the building.

Waste Management

- E5. Prior to the issue of the Occupation Certificate, the Certifying Authority must ensure that waste handling works have been completed in accordance with the Waste Management Plan; other relevant approval conditions; and any relevant council policy.

Vegetation and Landscaping

- E6. Prior to the issue of the Occupation Certificate, all vegetation planting and landscaping works along the western side boundary adjoining properties that have an interface with the future West Building are to be completed.

Heritage Conservation of Graythwaite House

- E7. Prior to the issue of the Occupation Certificate, the interiors of Graythwaite House of exceptional significance are to be conserved (restored/reconstructed) in accordance with Policy 31 of the endorsed Conservation Management Plan.
-

PART F – POST OCCUPATION

Annual Fire Safety Certificate

- F1. An annual Fire Safety Statement must be given to council and the NSW Fire Brigade commencing within 12 months after the date on which the initial Interim/Final Fire Safety Certificate is issued. This must ensure that the essential services installed in the building for the purpose of fire safety have been inspected and at the time of inspection are capable of operating to the required minimum standard.

Noise Control – Plant and Machinery

- F2. Noise associated with the operation of any plant, machinery or other equipment on the site, shall not give rise to any one or more of the following:
- (a) Transmission of “offensive noise” as defined in the Protection of the Environment Operations Act 1997 to any place of different occupancy.
 - (b) A sound pressure level at any affected residential property that exceeds the background (LA90, 15 minute) noise level by more than 5dB(A). The background noise level must be measured in the absence of noise emitted from the premises. The source noise level must be assessed as a LAeq, 15 minute.
 - (c) Notwithstanding compliance with (1) and (2) above, the noise from mechanical plant associated with the premises must not be audible in any habitable room in any residential property between the hours of 12.00 midnight and 7.00am.

Loading and Unloading

- F3. All loading and unloading, including deliveries to and from the site in connection with the use must be carried out in a manner so as not to cause inconvenience to the public or detrimentally impact the amenity of the locality

Unobstructed Driveways and Parking Areas

- F4. All driveways and parking areas shall be unobstructed at all times. Driveways and car spaces shall not be used for the manufacture, storage or display of goods, materials or any other equipment and shall be used solely for vehicular access and for the parking of vehicles associated with the use of the premises
-

ADVISORY NOTES

Use of Mobile Cranes

- AN1. The proponent shall obtain all necessary permits required for the use of mobile cranes on or surrounding the site, prior to the commencement of works. In particular, the proponent shall ensure the following matters are complied with:
- (a) For special operations including the delivery of materials, hoisting of plant and equipment and erection and dismantling of on site tower cranes which warrant the on street use of mobile cranes, permits must be obtained from council:
 - at least 48 hours prior to the works for partial road closures which, in the opinion of council will create minimal traffic disruptions
 - at least 4 weeks prior to the works for full road closures and partial road closures which, in the opinion of council, will create significant traffic disruptions.
 - (b) The use of mobile cranes must comply with the approved hours of construction and shall not be delivered to the site prior to 7.30am without the prior approval of council.

Movement of Trucks Transporting Waste Material

- AN2. The proponent shall notify the Roads and Traffic Authority's Traffic Management Centre (TMC) of the truck route(s) to be followed by trucks transporting waste material from the site, prior to the commencement of the removal of any waste material from the site.

Disability Discrimination Act

- AN3. This application is to comply with the *Disability Discrimination Act 1992*. The proponent/owner is responsible to ensure compliance with this and other anti-discrimination legislation. The *Disability Discrimination Act 1992* covers disabilities not catered for in the minimum standards called up in the Building Code of Australia which references AS 1428.1 - Design for Access and Mobility. AS1428 Parts 2, 3 & 4 provides the most comprehensive technical guidance under the *Disability Discrimination Act 1992* currently available in Australia

Temporary Structures

- AN4. A Barricade/Hoarding Permit must be obtained prior to the commencement of construction works from the relevant Authority. The permit application must be supported by a report detailing compliance with the provisions of the Building Code of Australia.

Structural certification from an appropriately qualified practicing structural engineer must also be submitted to the relevant Authority to certify the structural adequacy of the design of the temporary Barricades/Hoarding

Structural Capability for Existing Structures

- AN5. The structural capabilities of any existing structure will need to meet the requirements of the BCA and may require engaging a structural engineer.

Commonwealth Environmental Protection and Biodiversity Conservation Act 1999

- AN6. The Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* provides that a person must not take an action which has, will have, or is likely to have a significant impact on a matter of national environmental significance (NES) matter; or Commonwealth land, without an approval from the Commonwealth Environment Minister.

This application has been assessed in accordance with the New South Wales *Environmental Planning & Assessment Act, 1979*. The determination of this assessment has not involved any assessment of the application of the Commonwealth legislation. It is the proponent's responsibility to consult Environment Australia to determine the need or otherwise for Commonwealth approval and you should not construe this grant of approval as notification to you that the Commonwealth Act does not have application. The Commonwealth Act may have application and you should obtain advice about this matter. There are severe penalties for non-compliance with the Commonwealth legislation.

SCHEDULE 3

STATEMENT OF COMMITMENTS

Subject	Commitment	Timing
1. General	The project will be generally in accordance with the following reports: - Revised EAR (dated October 2011) prepared by Robinson Urban Planning (including Appendices) except as amended by the PPR. - Concept Architectural and Concept Landscape Plans listed at Table 1 of the Revised EAR. - PPR (dated March 2012) prepared by Robinson Urban Planning (including Attachments).	During and after Construction
2. Parking	The project will include six visitor and one caretaker's car parking spaces (in addition to any existing parking on the Shore site).	Prior to and after occupation
3. ESD	The recommendations of the Sustainability Report and Indicative ESD Assessment (by SLR) (that are relevant to stage 1) will be implemented.	During and after to construction
4. Disabled access	The detailed design of stage 1 is to comply with the Stage 1 Project Application Access Capability Statement (by Access Associates Sydney).	During and after to construction
5. Existing trees	All trees on the site shall be retained except for the trees nominated for removal and transplanting on the Tree Removal Plan & Retention Plan (LA.DA.002 Rev P3, by Taylor Brammer). All construction and other activities will implement the recommendations in the Development Impact Assessment (by Earthscape Horticultural Services).	During and after to construction
6. Public access to Graythwaite	Community access to the Graythwaite site will be available at nominated times throughout the year (eg. Heritage Week by arrangement). Community access will only be provided on the basis that it does not interfere with normal school activities.	On going
7. Contamination & hazardous materials	The recommendations of the Soil Report (by WSP) and Supplementary Hazardous Materials Assessment Report (by WSP) are to be implemented as part of the stage 1 project works.	Prior to occupation
8. Water management	The recommendations of the IWMP (by ACOR) (that are relevant to stage 1) will be implemented.	During and after to construction
9. BCA and Fire Engineering	The recommendations of the BCA Reports (by David Langdon) will be implemented.	Prior to construction
10. Construction management	Construction activities are to implement the recommendations of the Construction Management Plan (by WSP). A detailed CTMP will also be prepared addressing the matters identified in the Transport and Accessibility Impact Assessment (by Halcrow).	Prior to and during to construction
11. Waste management	The project will implement waste minimisation and recycling measures.	After construction
12. Lighting	External lighting will be designed to comply with Australian Standard AS4282 on "The Control of the Obtrusive Effects of Outdoor Lighting".	Prior to construction
13. Construction Certificates	The proponent will obtain all relevant construction and compliance certificates as required by the <i>Environmental Planning and Assessment Act, 1979</i> and the <i>Environmental Planning and Assessment Regulation, 2000</i> .	Prior to construction
14. Crime prevention	The crime prevention through environmental design measures set out in the EAR (that are relevant to stage 1) will be implemented.	Prior to occupation
15. Transport	Implement a Workplace (Green) Travel Plan for Shore students and staff.	During and after construction
16. Flora and fauna	Implement the recommendations of the Flora and Fauna Report (by Cumberland Ecology). Prior to any demolition of roofs, a suitably qualified ecologist will ensure that there are no Eastern Bent-wing bats hibernating in the roofs. If hibernating bats are found, works are not to commence on the building until after the hibernation period.	Before, during and after construction